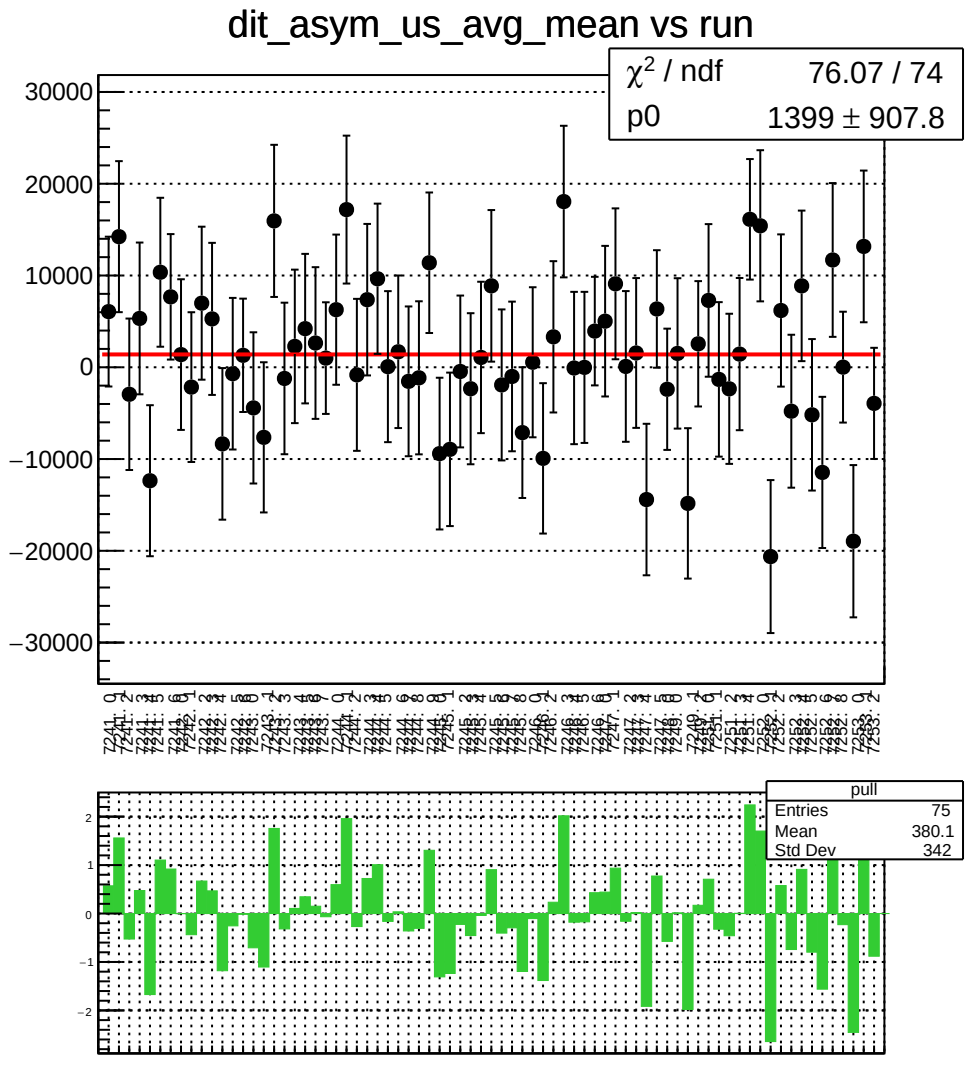
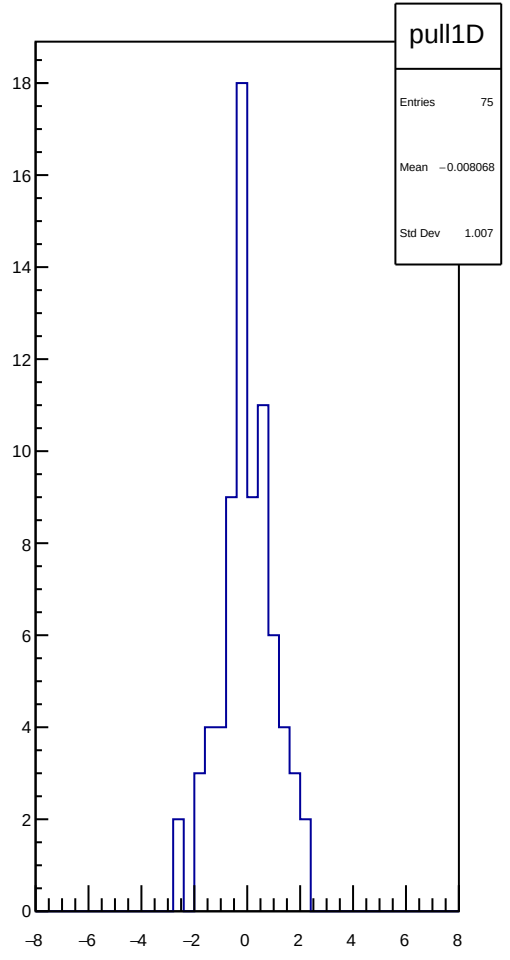
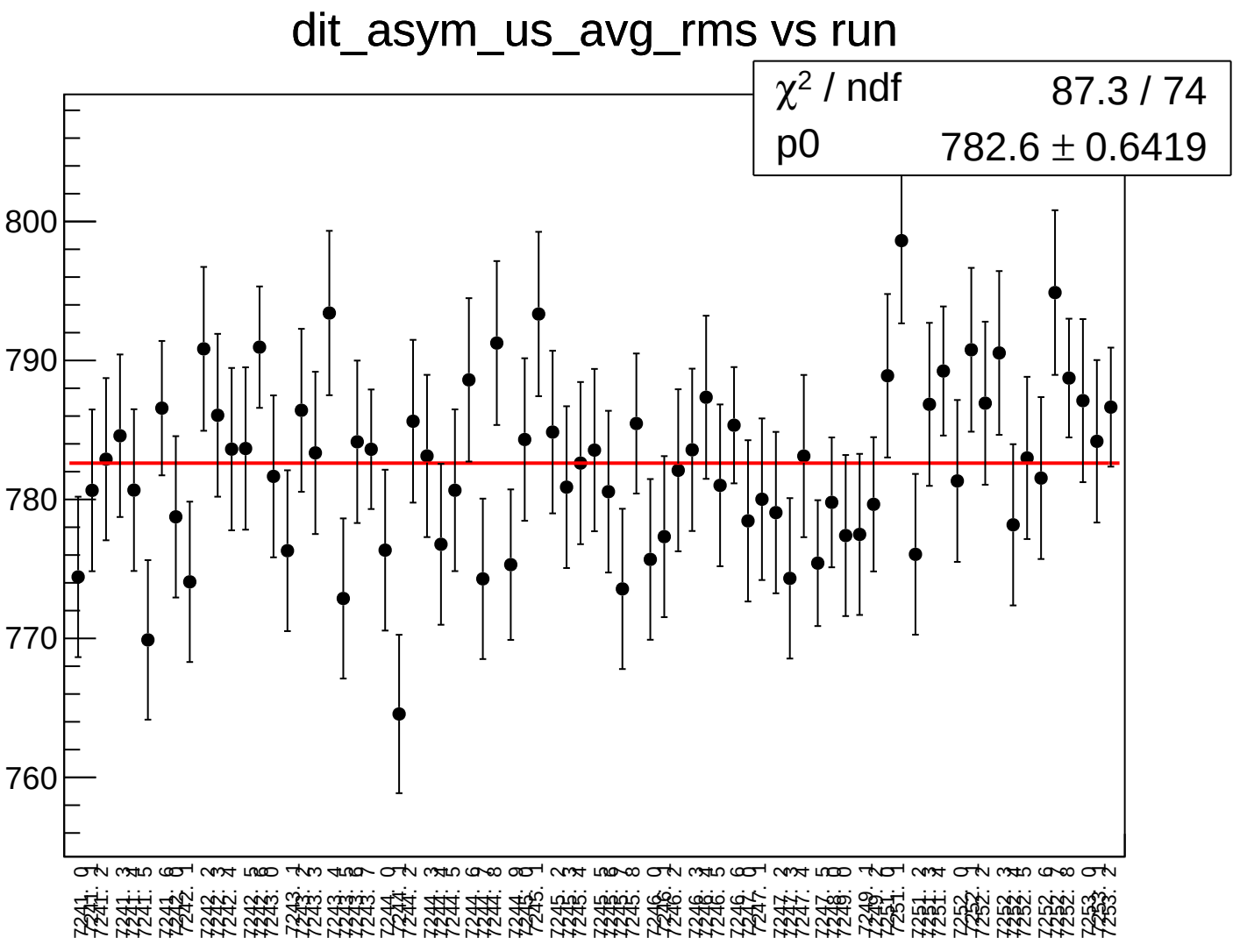
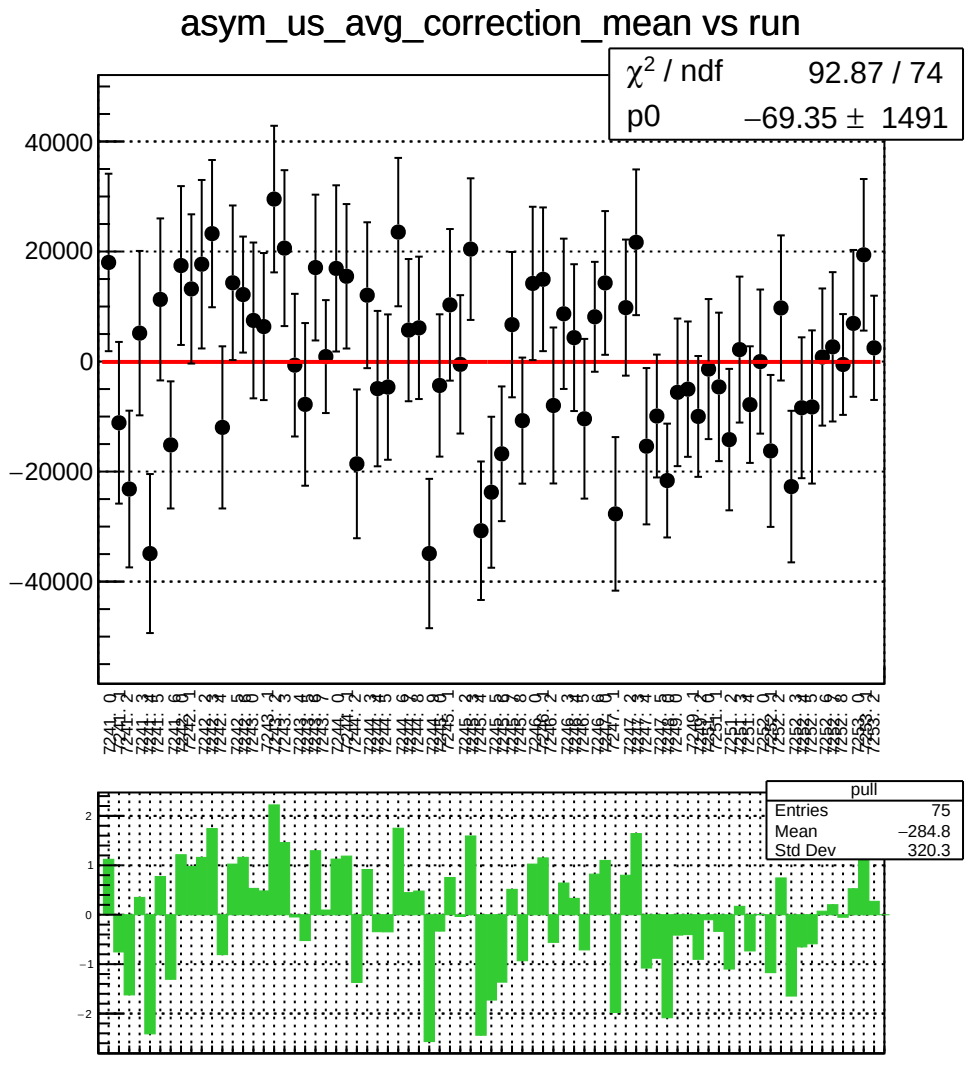
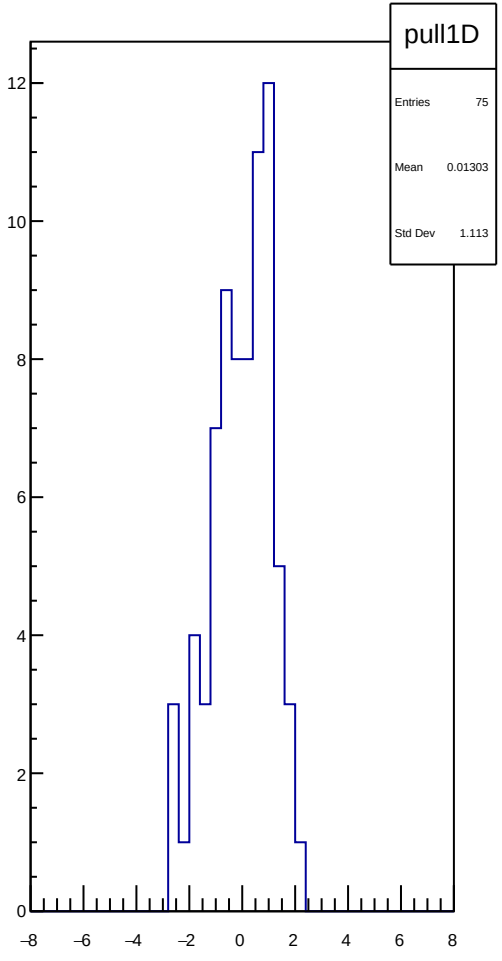
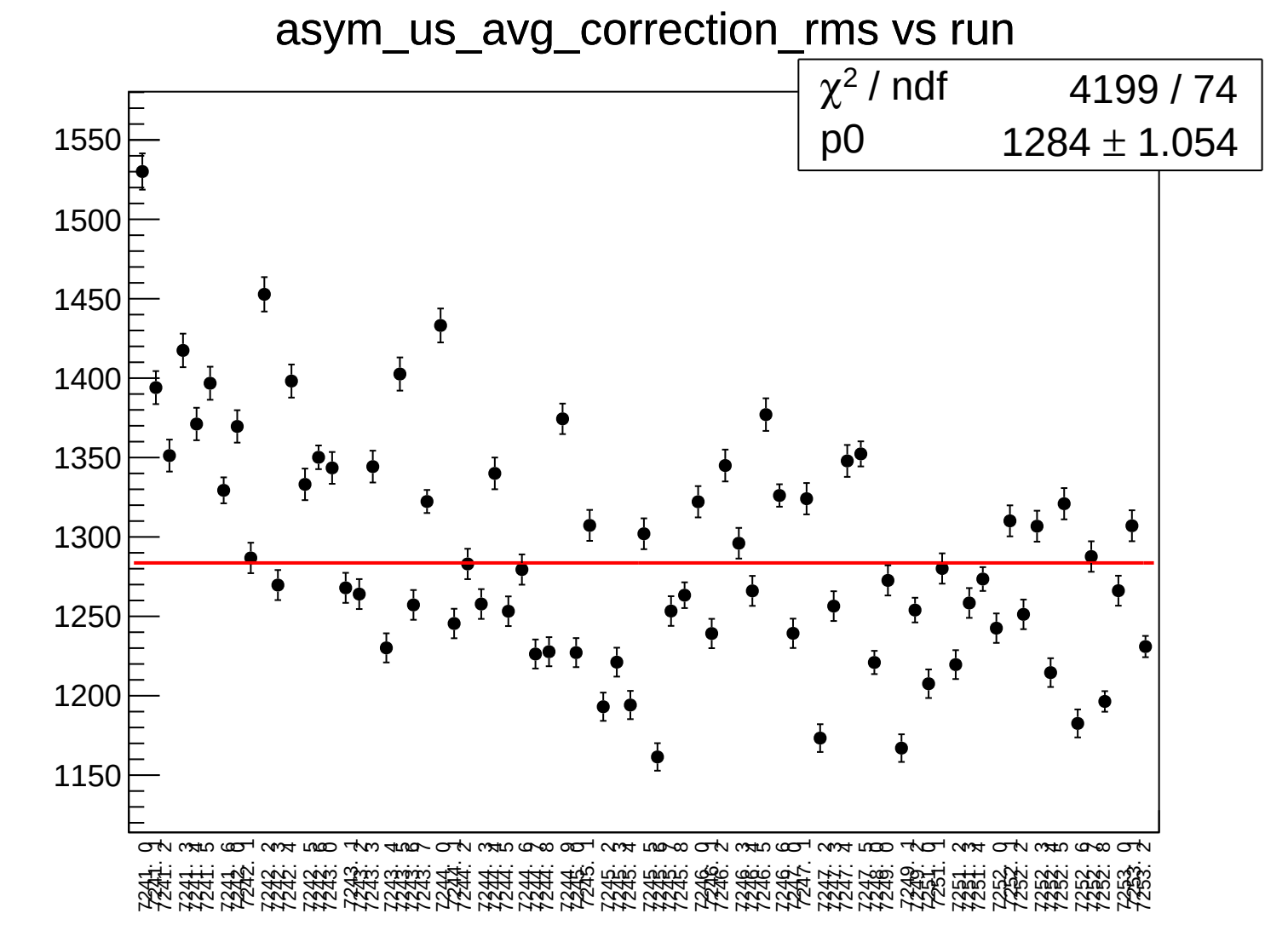

dit_asym_us_avg_mean vs run
χ² / ndf 76.07 / 74
p0 1399 ± 907.8
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 75
Mean 380.1
Std Dev 342
2
1
0
−1
−2

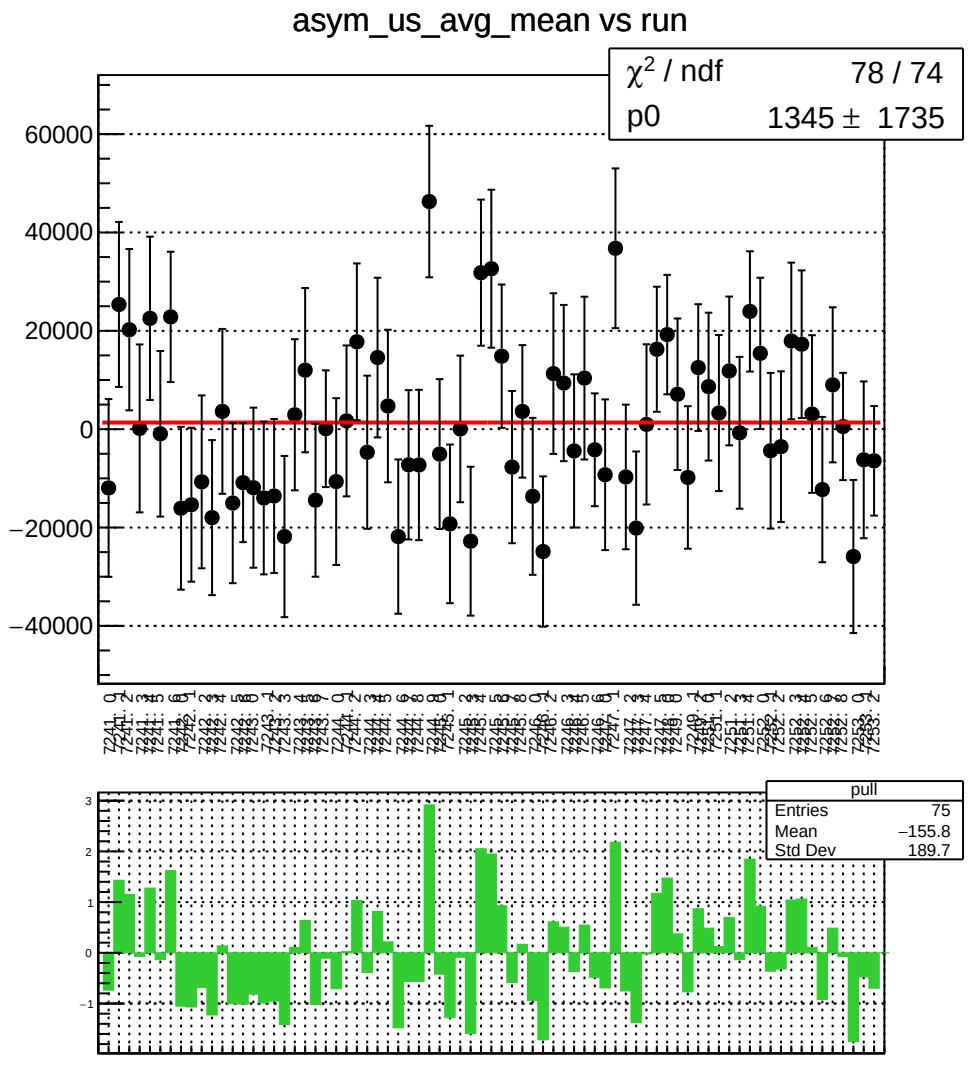

pull1D
Entries 75
Mean −0.008068
Std Dev 1.007
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

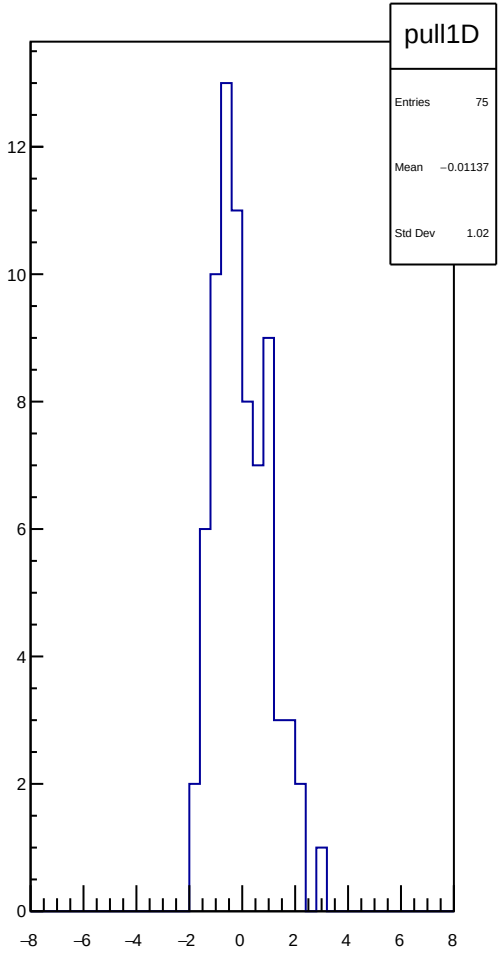

dit_asym_us_avg_rms vs run
χ² / ndf 87.3 / 74
p0 782.6 ± 0.6419
800
790
780
770
760

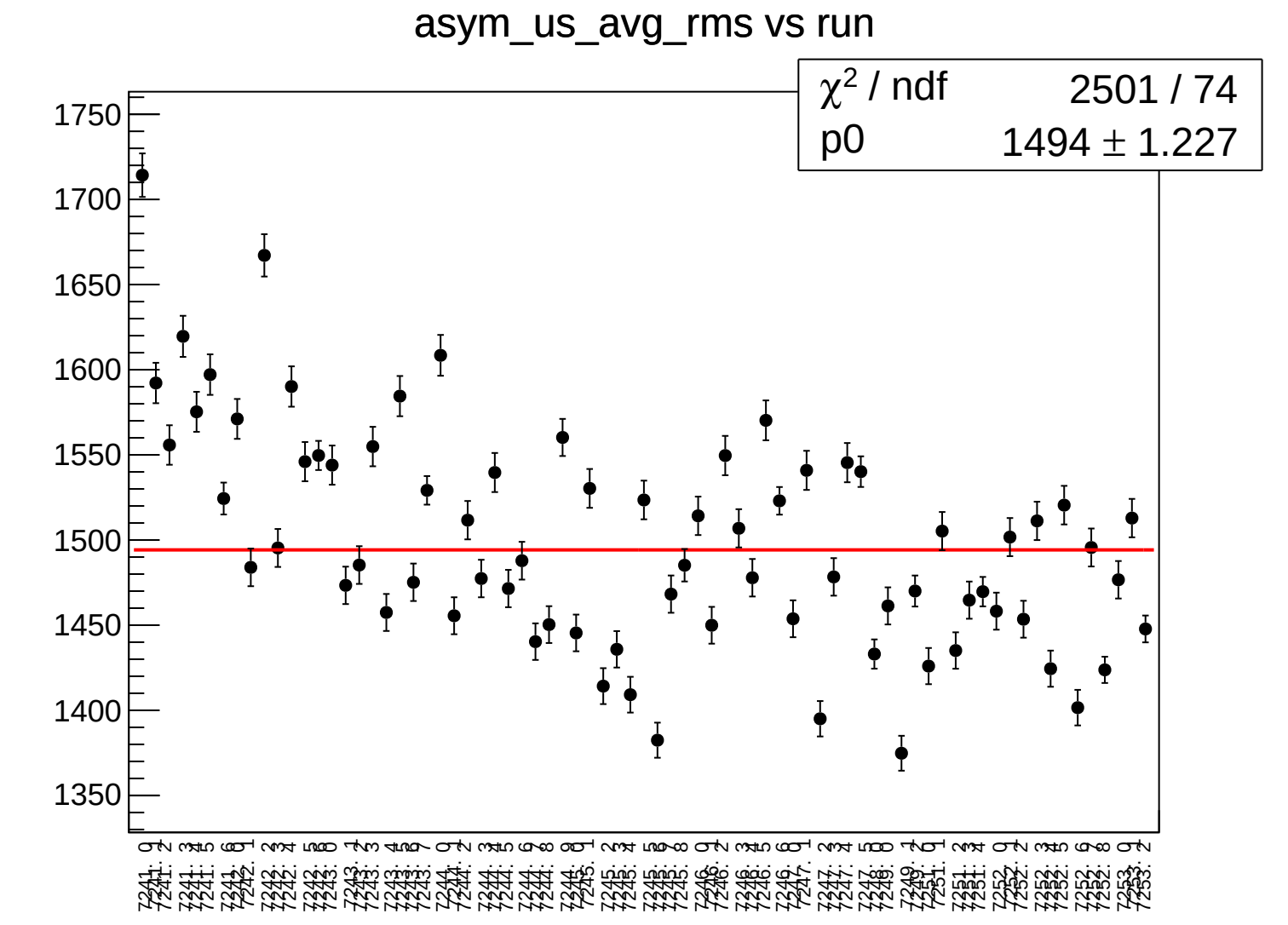

asym_us_avg_correction_mean vs run
χ² / ndf 92.87 / 74
p0 −69.35 ± 1491
40000
20000
0
−20000
−40000
pull
Entries 75
Mean −284.8
Std Dev 320.3
2
1
0
−1
−2

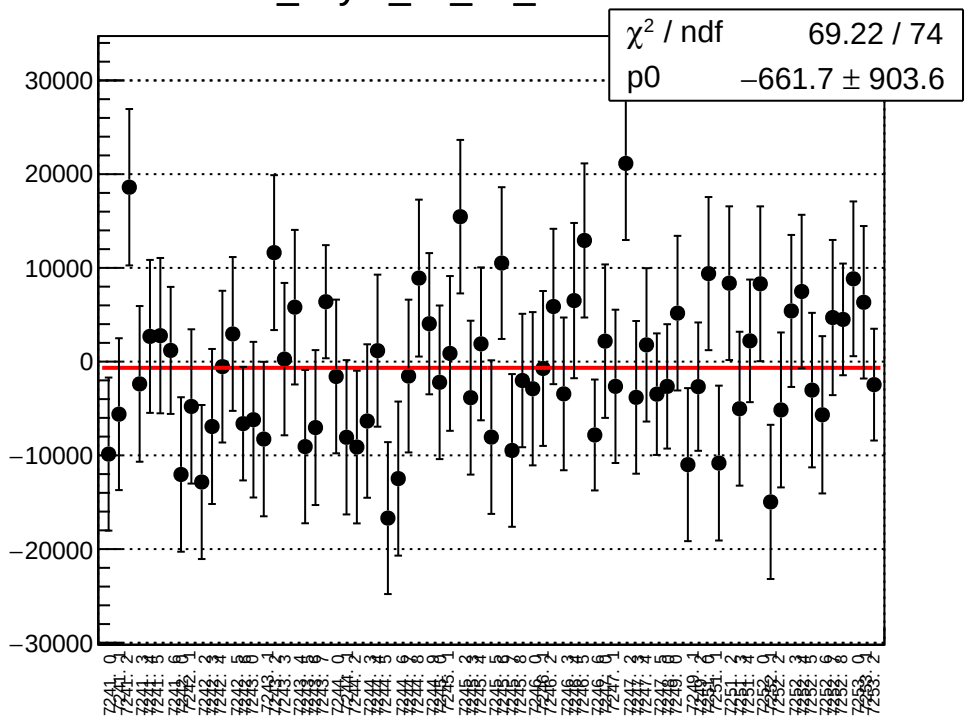

pull1D
Entries 75
Mean 0.01303
Std Dev 1.113
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

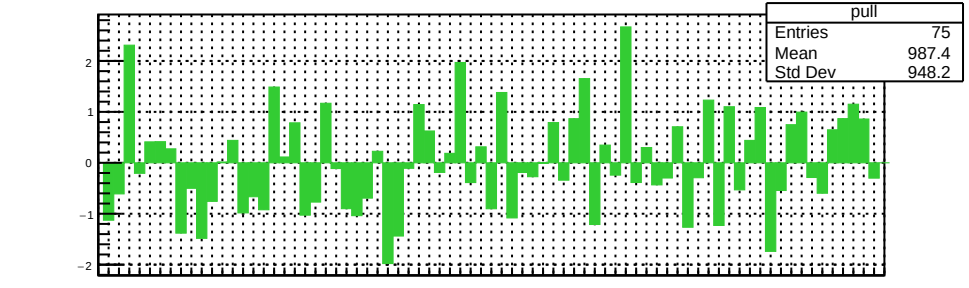

asym_us_avg_correction_rms vs run
χ² / ndf 4199 / 74
p0 1284 ± 1.054
1550
1500
1450
1400
1350
1300
1250
1200
1150

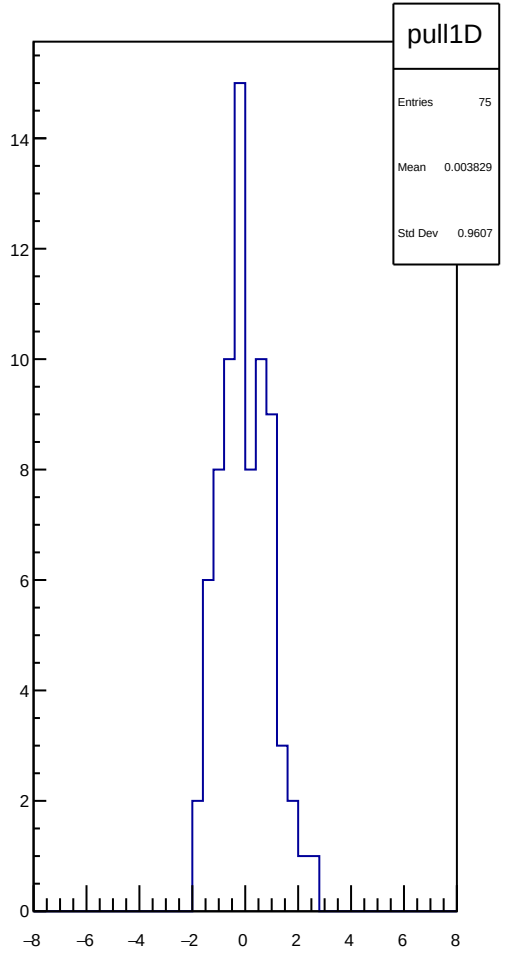

asym_us_avg_mean vs run
χ² / ndf 78 / 74
p0 1345 ± 1735
60000
40000
20000
0
−20000
−40000
pull
Entries 75
Mean −155.8
Std Dev 189.7
3
2
1
0
−1

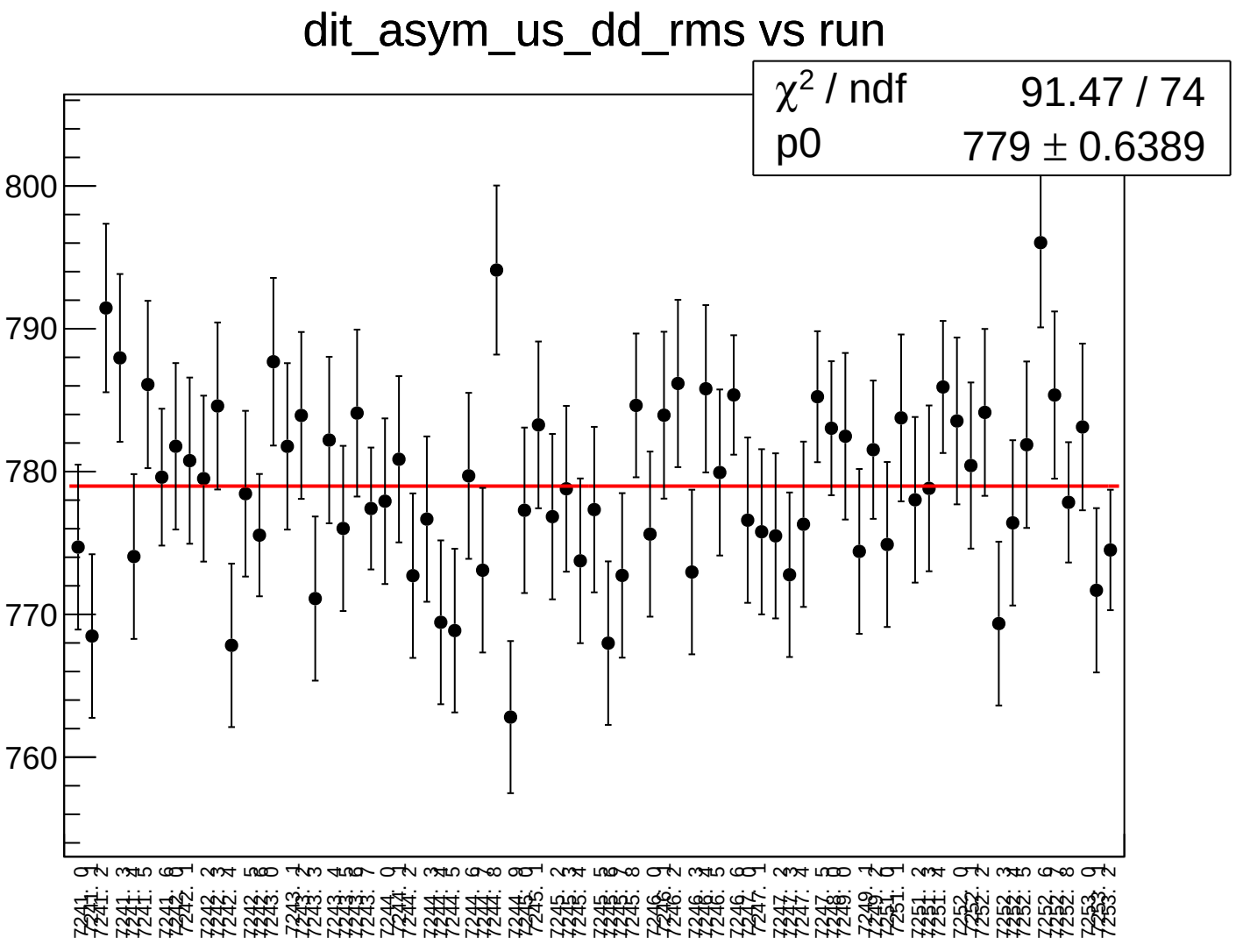

pull1D
Entries 75
Mean −0.01137
Std Dev 1.02
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

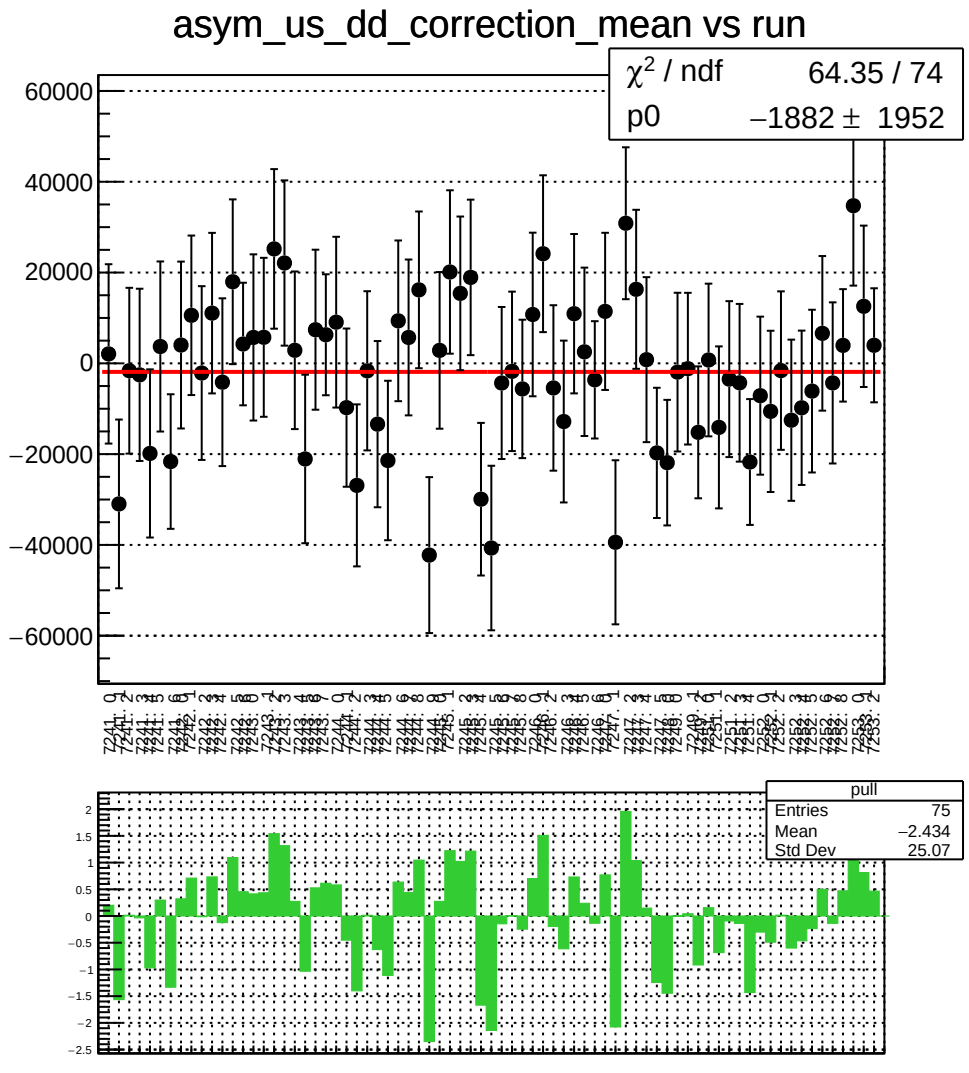

asym_us_avg_rms vs run
χ² / ndf 2501 / 74
p0 1494 ± 1.227
1750
1700
1650
1600
1550
1500
1450
1400
1350

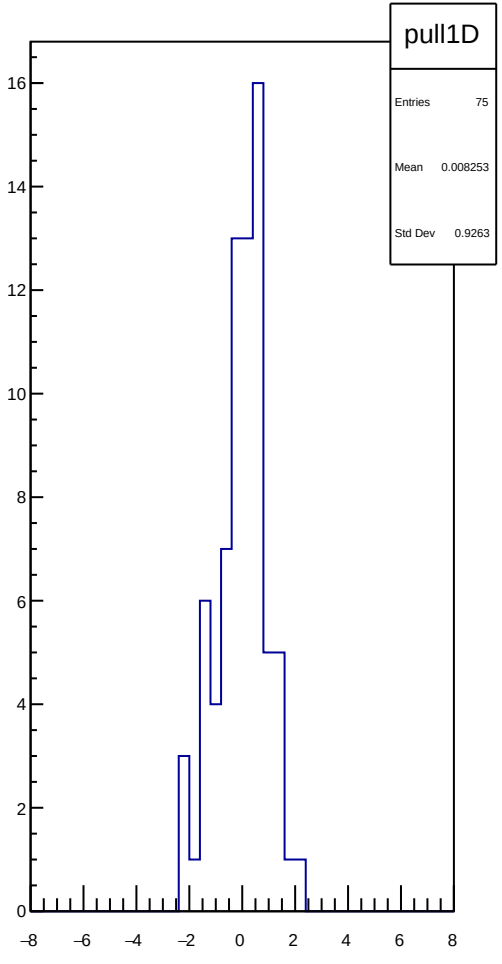

dit_asym_us_dd_mean vs run
χ² / ndf 69.22 / 74
p0 −661.7 ± 903.6
30000
20000
10000
0
−10000
−20000
−30000

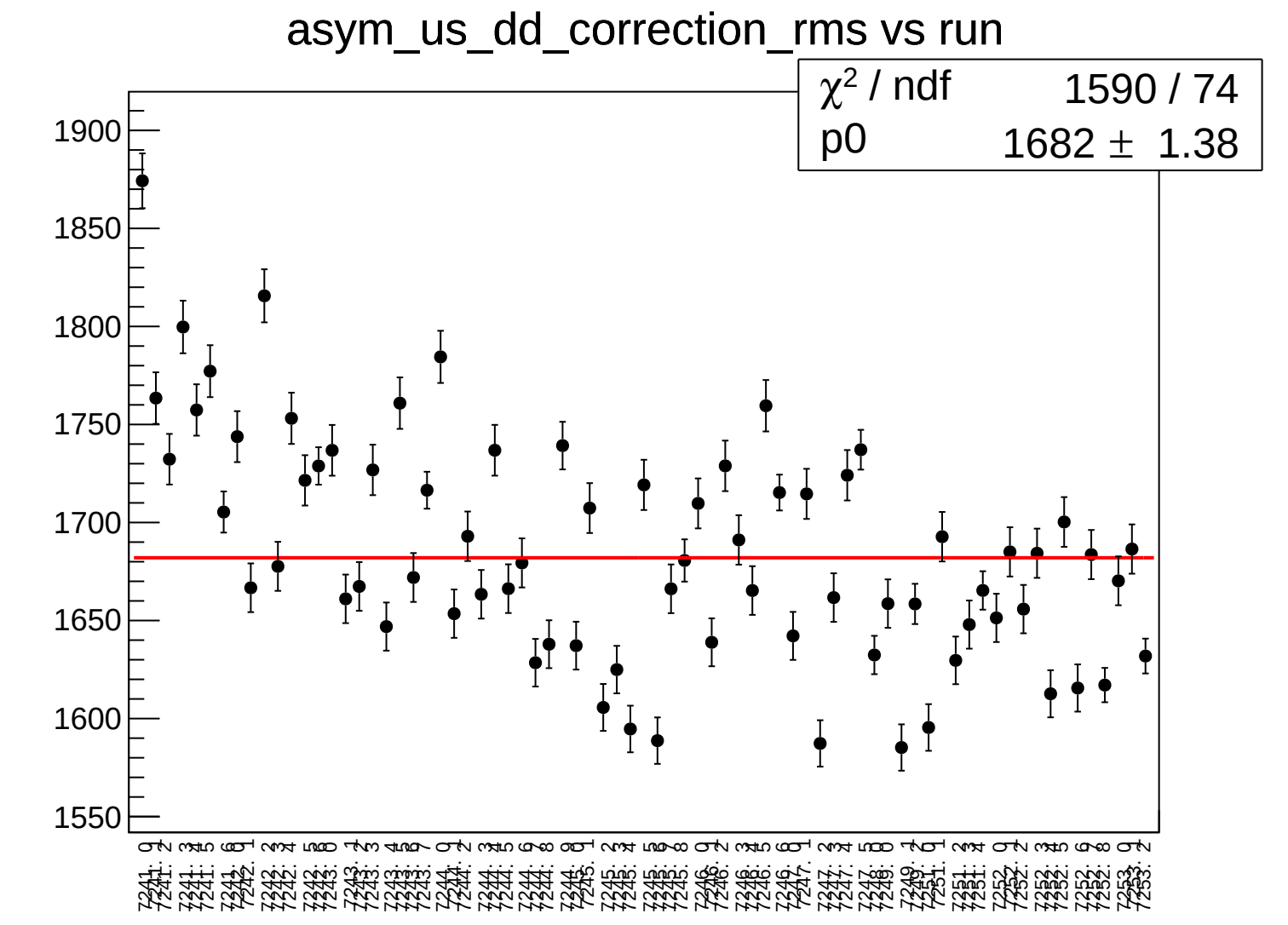

pull
Entries 75
Mean 987.4
Std Dev 948.2
2
1
0
−1
−2

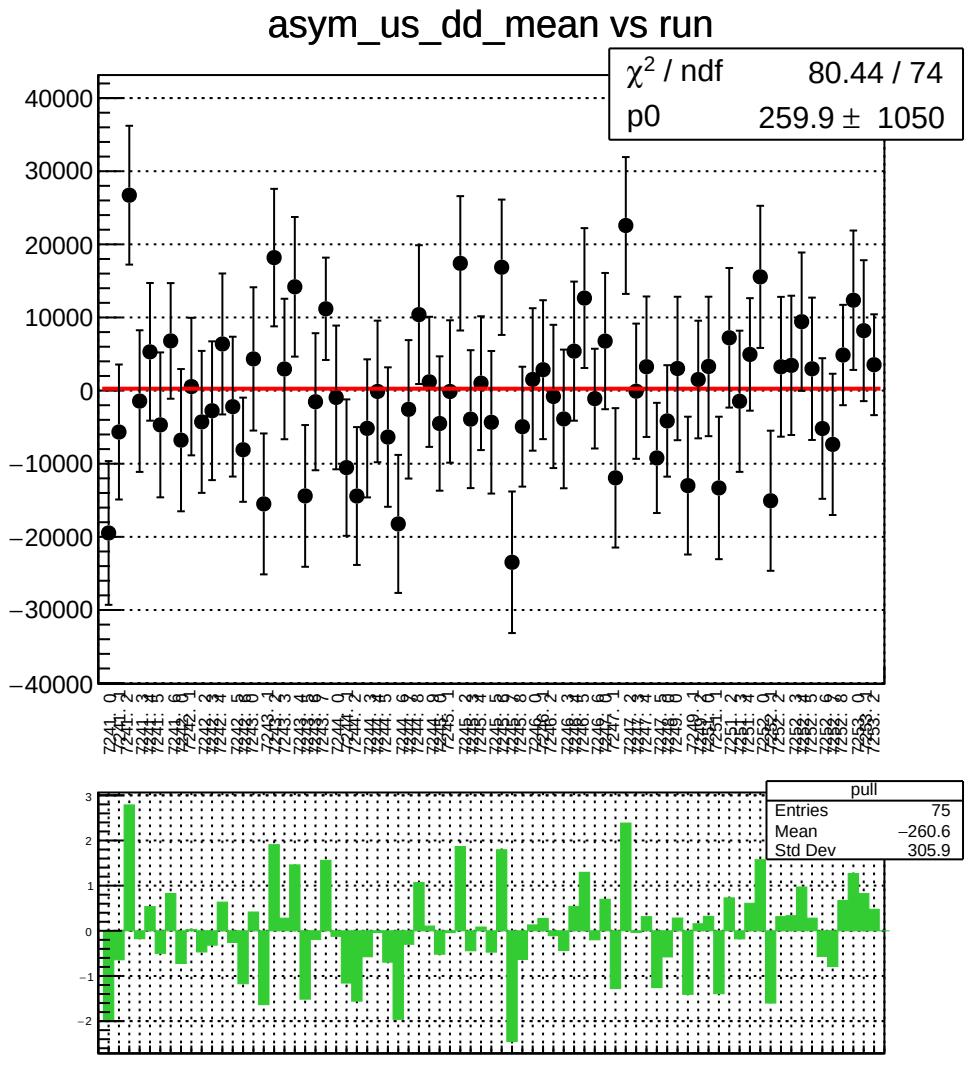

pull1D
Entries 75
Mean 0.003829
Std Dev 0.9607
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

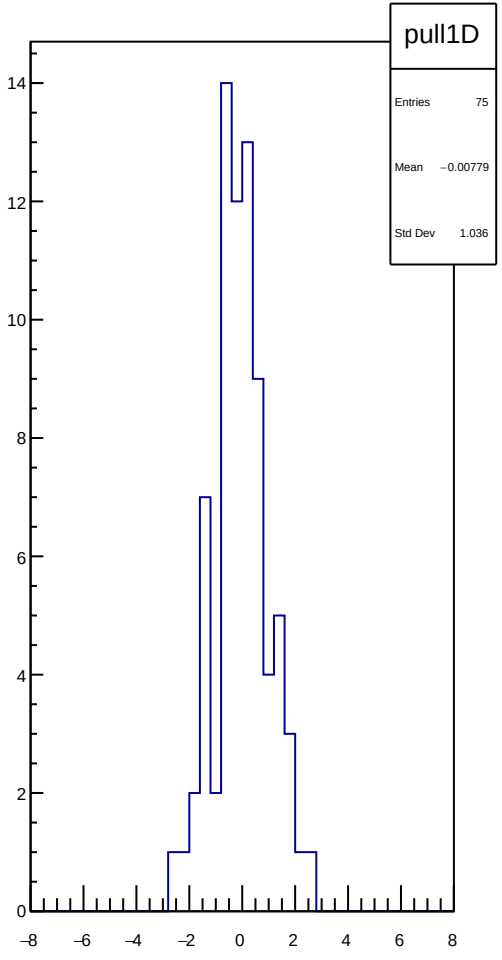

dit_asym_us_dd_rms vs run
χ^2 / ndf 91.47 / 74
p0 779 ± 0.6389
800
790
780
770
760

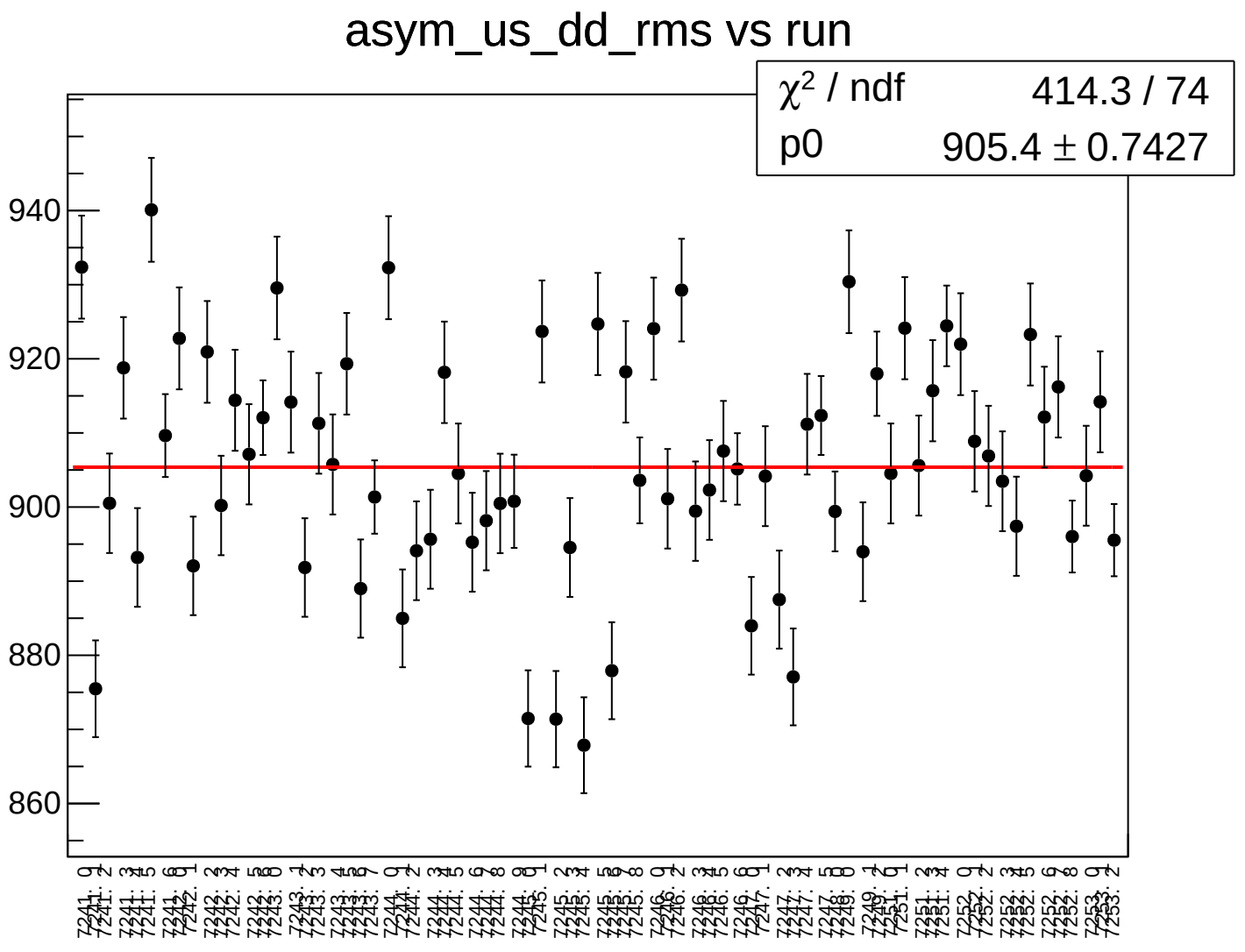

asym_us_dd_correction_mean vs run
χ² / ndf 64.35 / 74
p0 −1882 ± 1952
pull
Entries 75
Mean −2.434
Std Dev 25.07

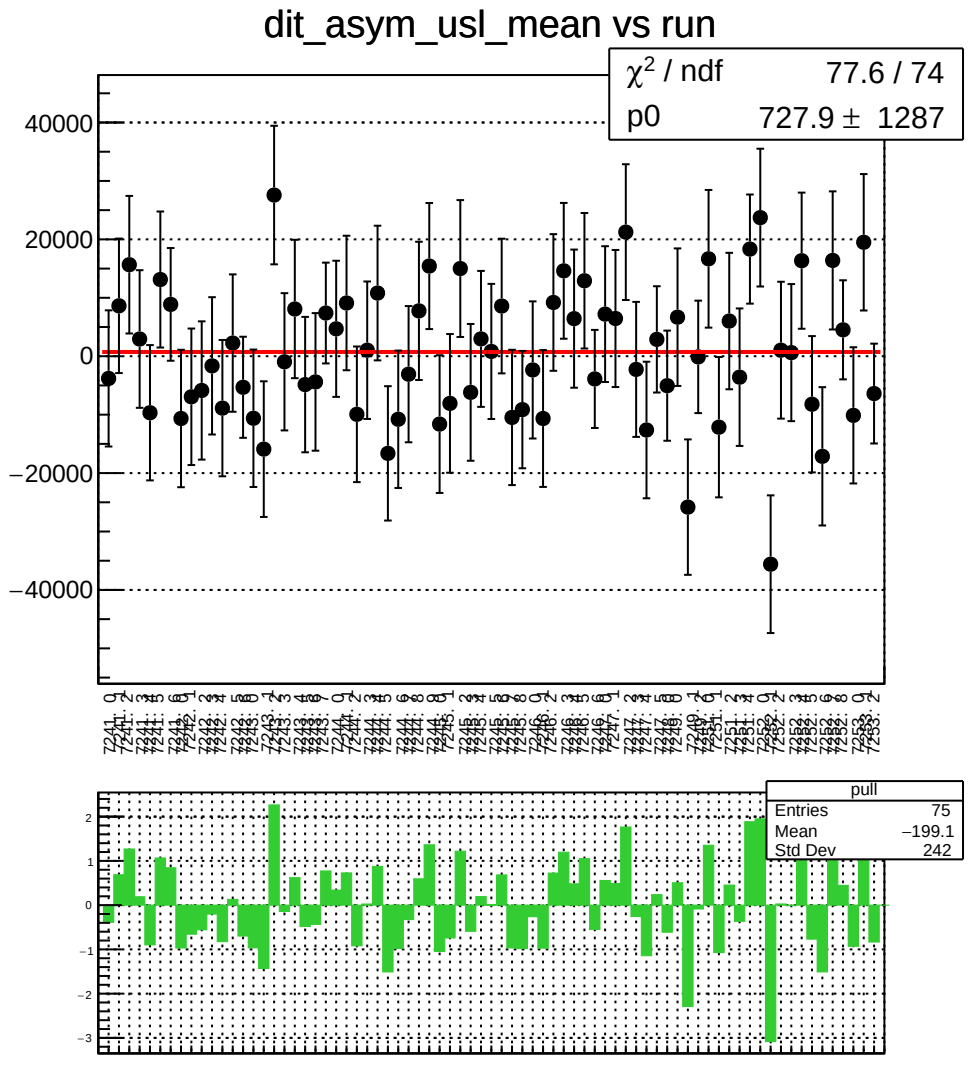

pull1D
Entries 75
Mean 0.008253
Std Dev 0.9263

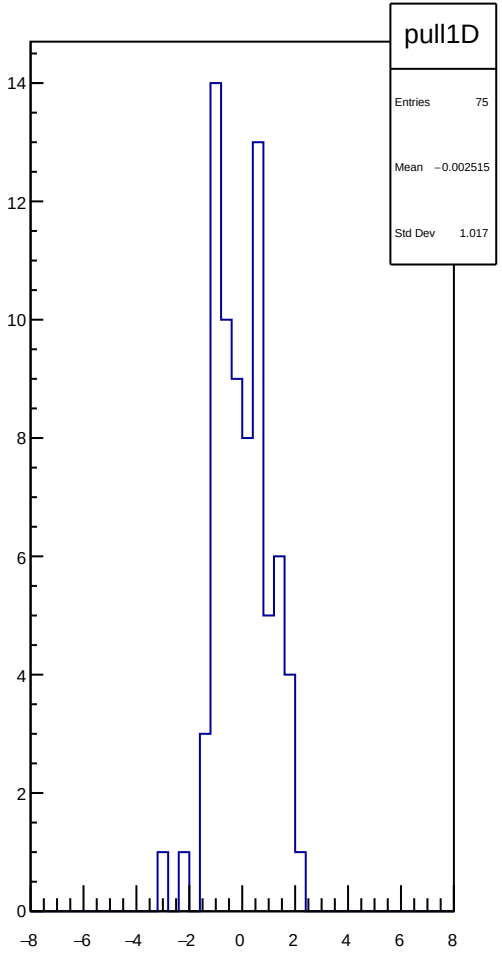

asym_us_dd_correction_rms vs run
χ² / ndf 1590 / 74
p0 1682 ± 1.38
1900
1850
1800
1750
1700
1650
1600
1550

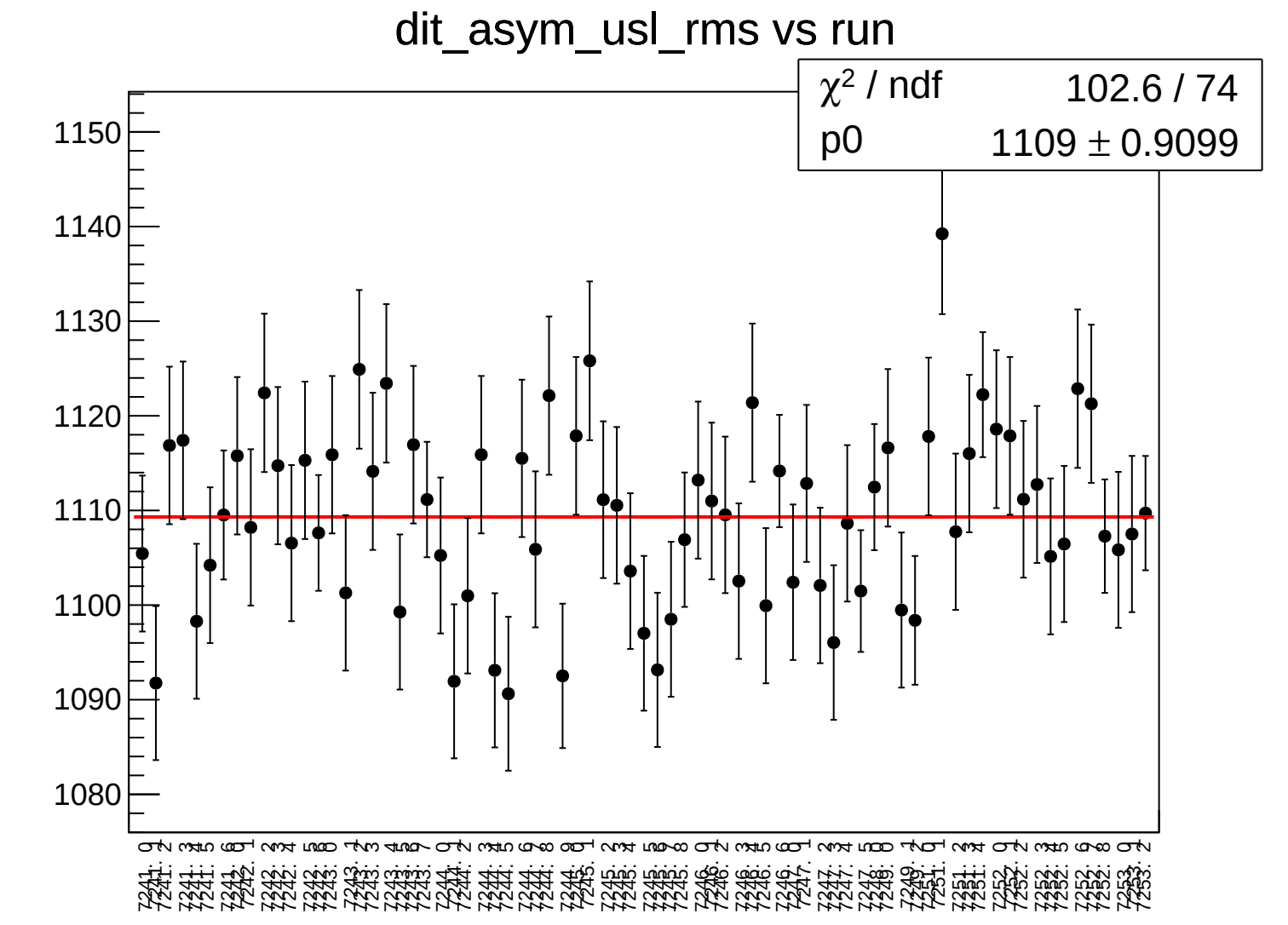

asym_us_dd_mean vs run
χ² / ndf 80.44 / 74
p0 259.9 ± 1050
pull
Entries 75
Mean −260.6
Std Dev 305.9

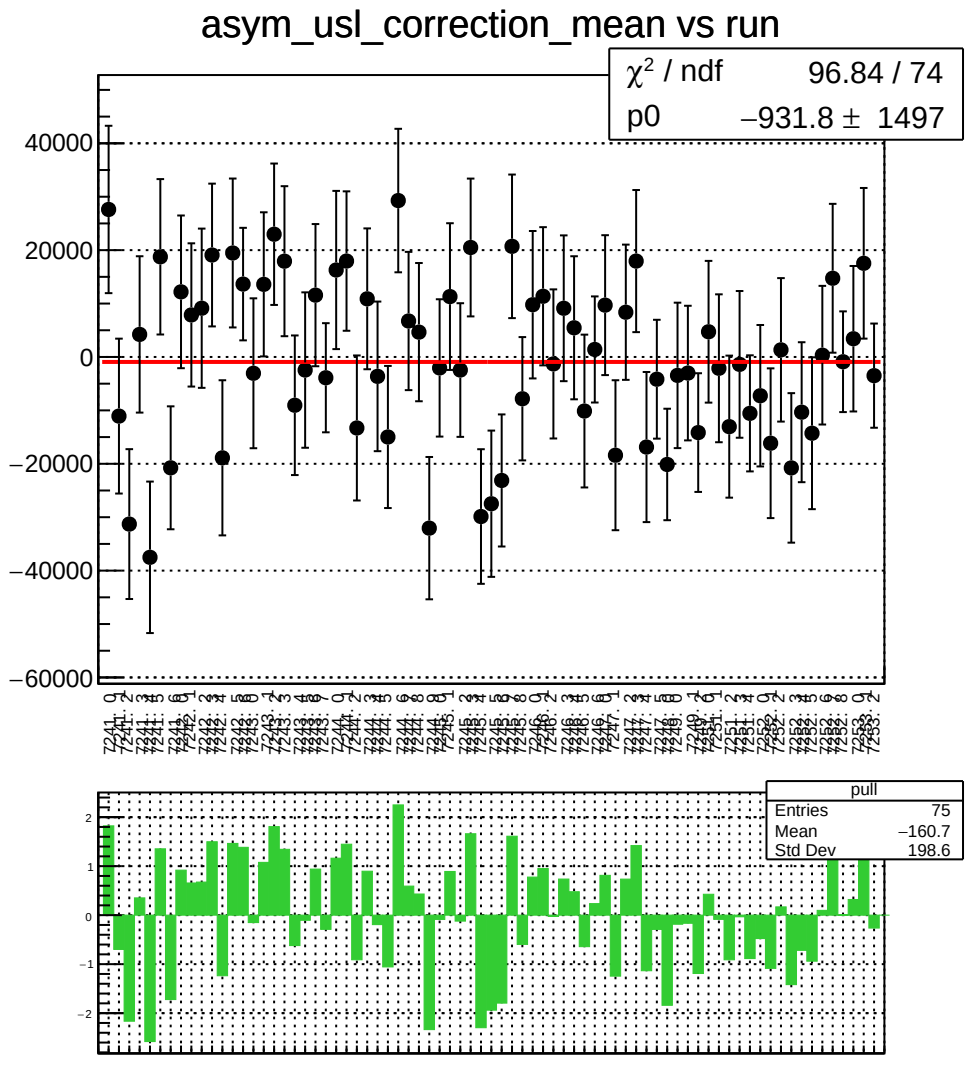

pull1D
Entries 75
Mean −0.00779
Std Dev 1.036

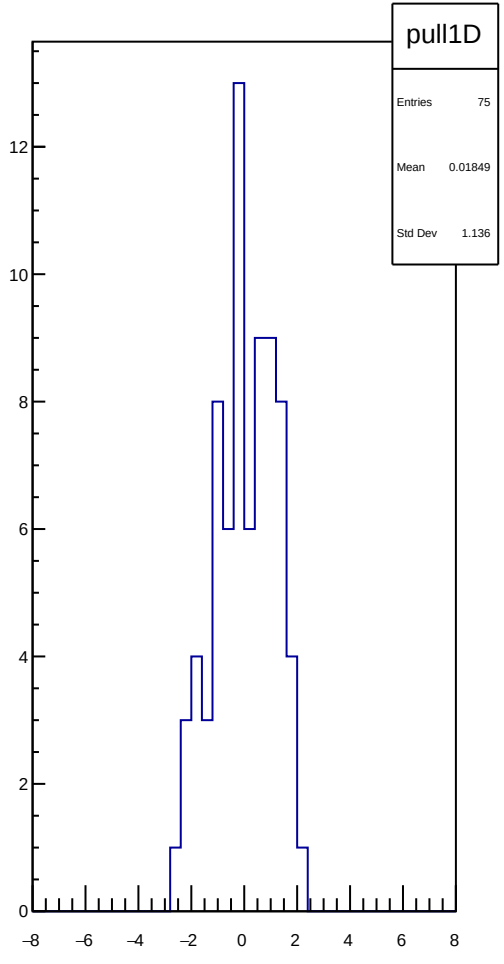

asym_us_dd_rms vs run
χ² / ndf 414.3 / 74
p0 905.4 ± 0.7427
940
920
900
880
860

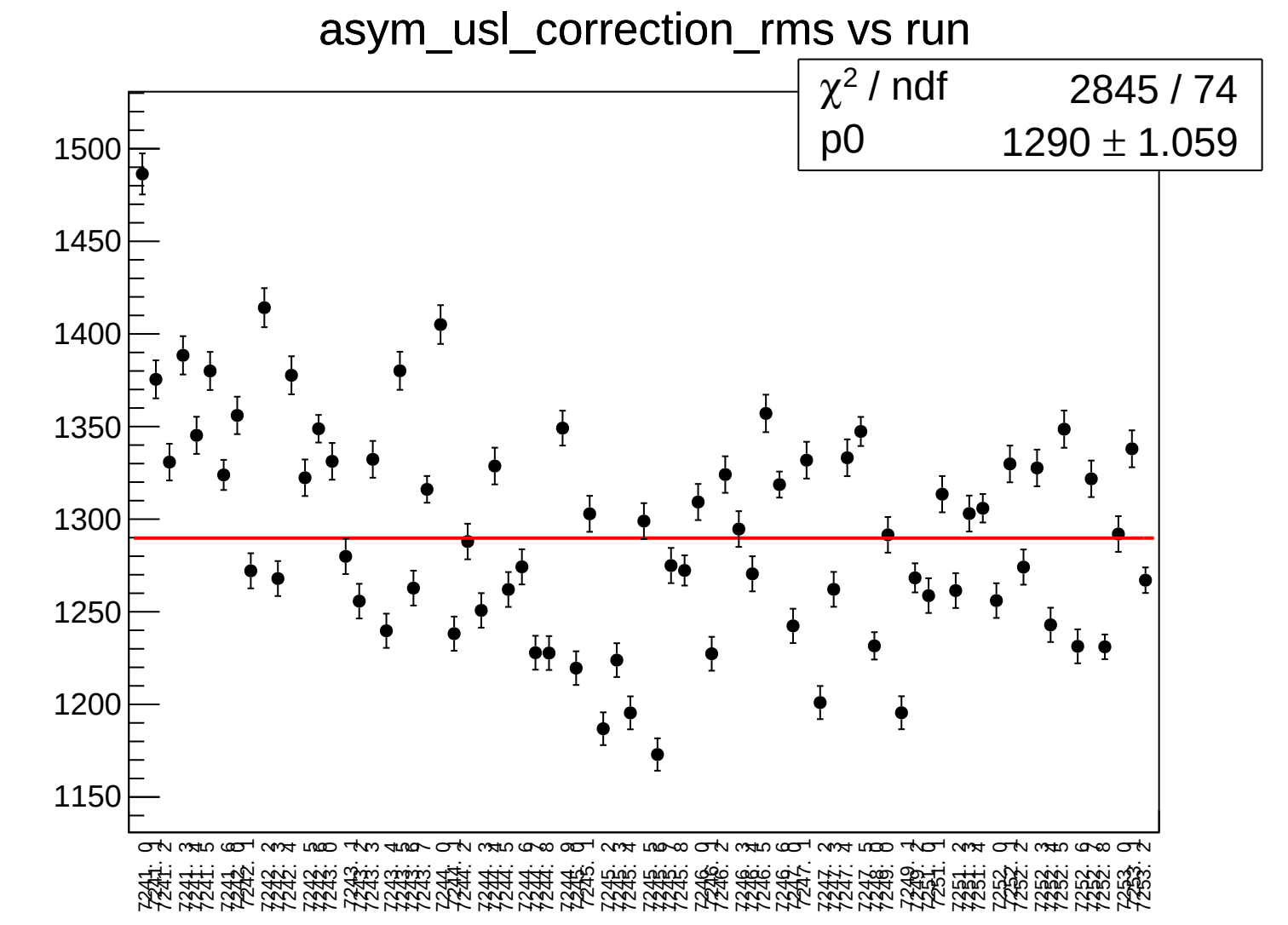

dit_asym_usl_mean vs run
χ^2 / ndf 77.6 / 74
p0 727.9 ± 1287
40000
20000
0
−20000
−40000
pull
Entries 75
Mean −199.1
Std Dev 242
2
1
0
−1
−2
−3

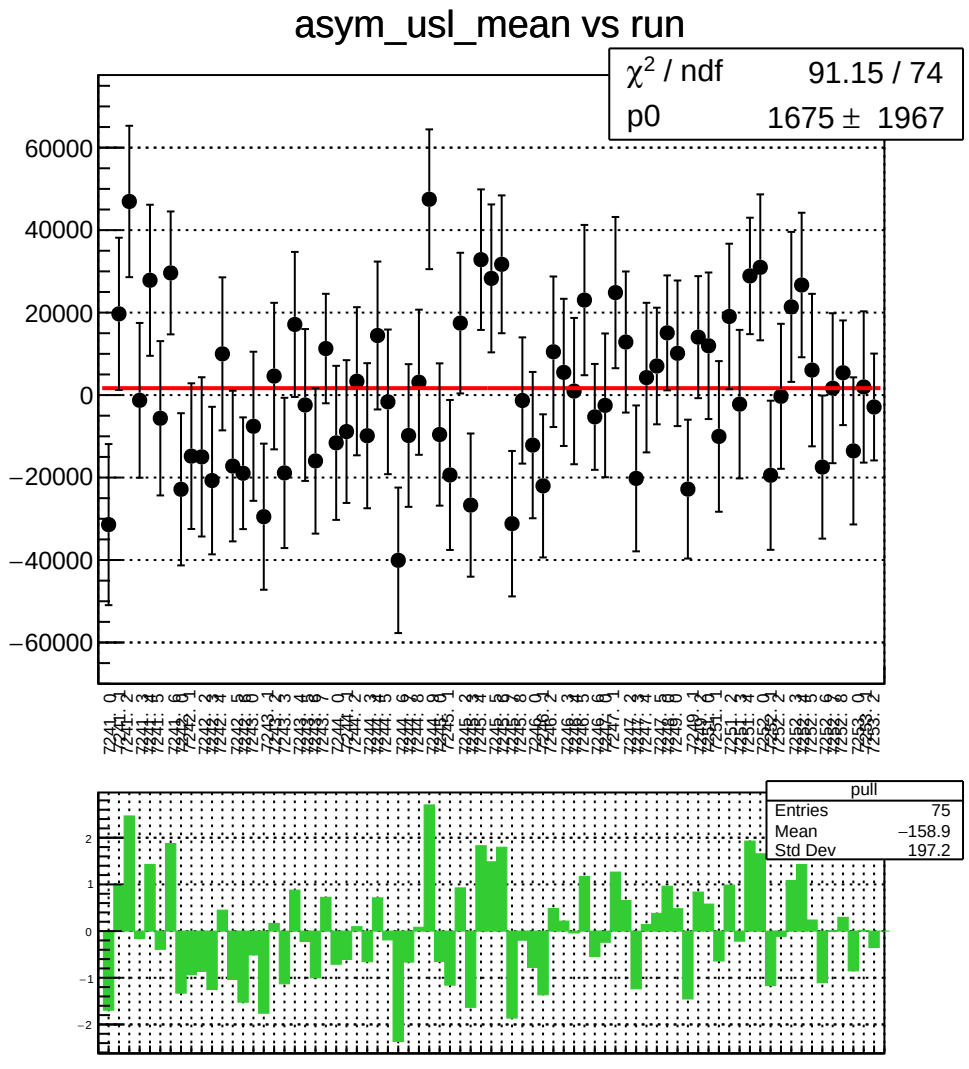

pull1D
Entries 75
Mean −0.002515
Std Dev 1.017
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

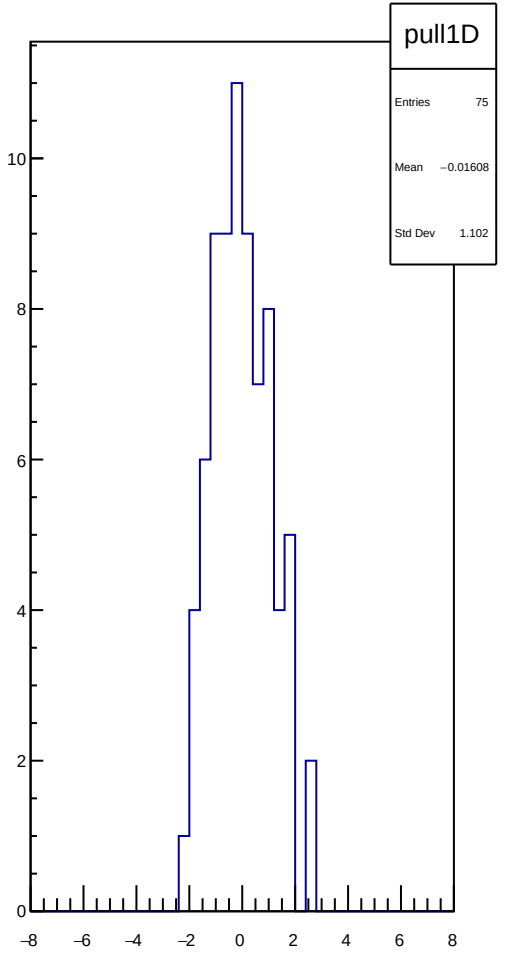

dit_asym_usl_rms vs run
χ² / ndf 102.6 / 74
p0 1109 ± 0.9099
1150
1140
1130
1120
1110
1100
1090
1080

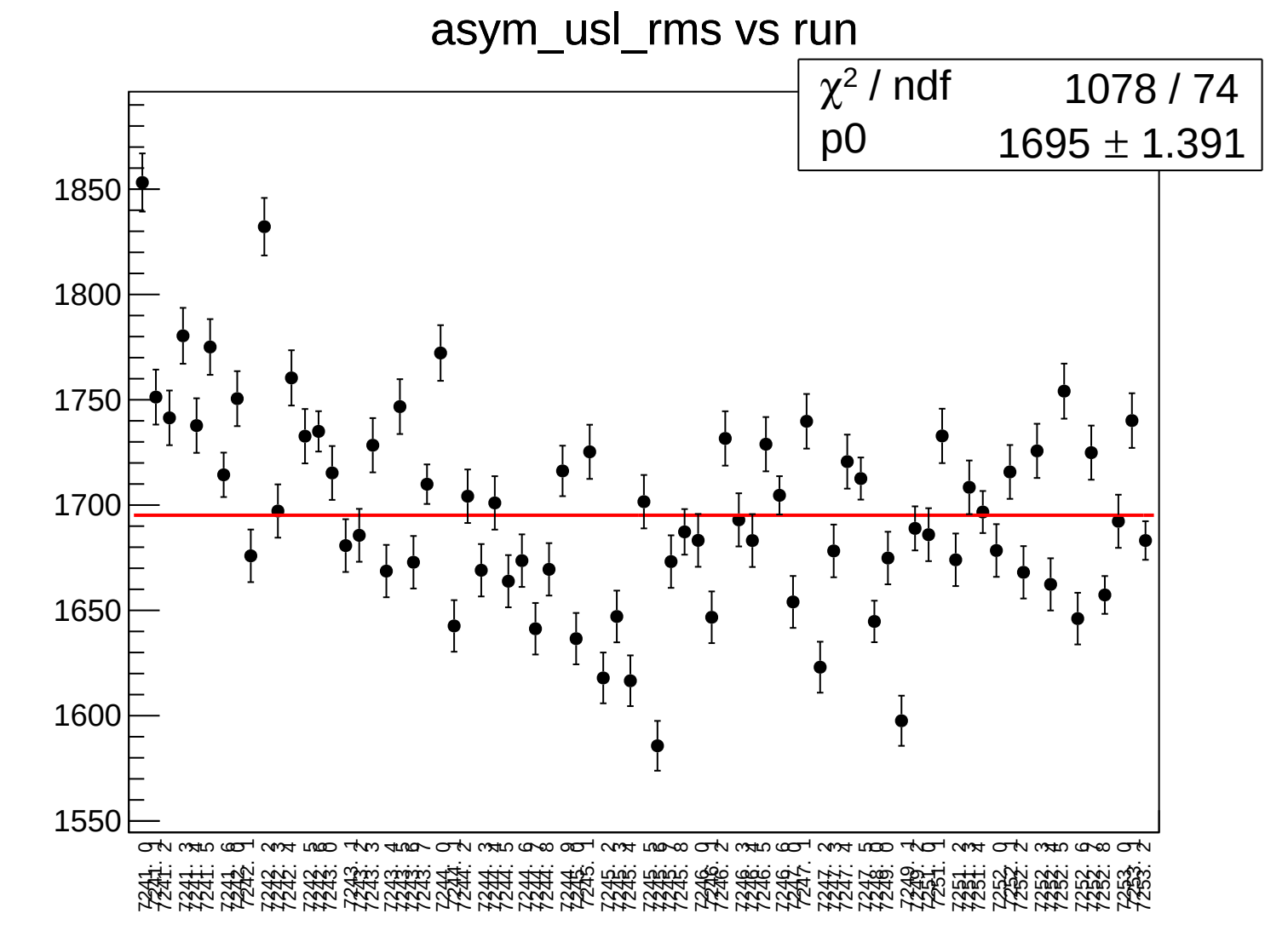

asym_usl_correction_mean vs run
χ² / ndf 96.84 / 74
p0 −931.8 ± 1497
40000
20000
0
−20000
−40000
−60000
pull
Entries 75
Mean −160.7
Std Dev 198.6
2
1
0
−1
−2

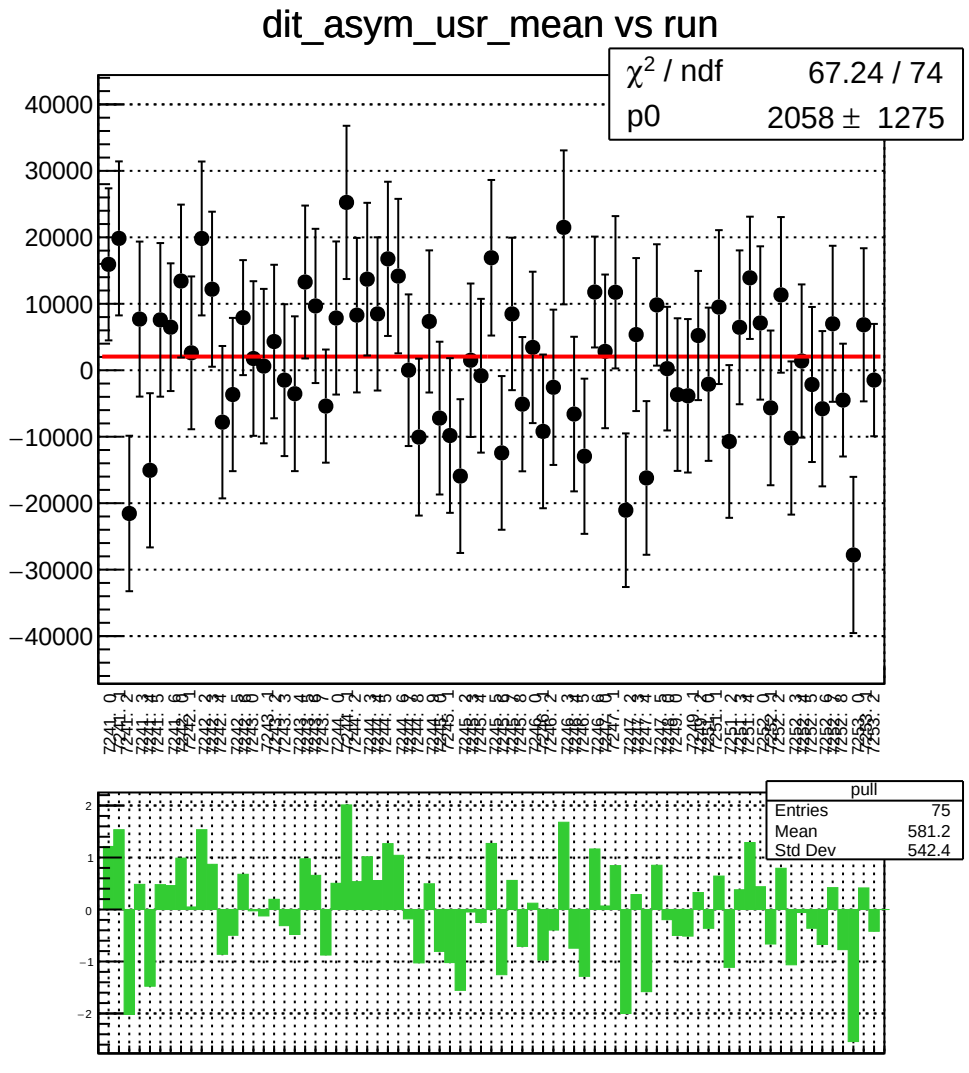

pull1D
Entries 75
Mean 0.01849
Std Dev 1.136
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

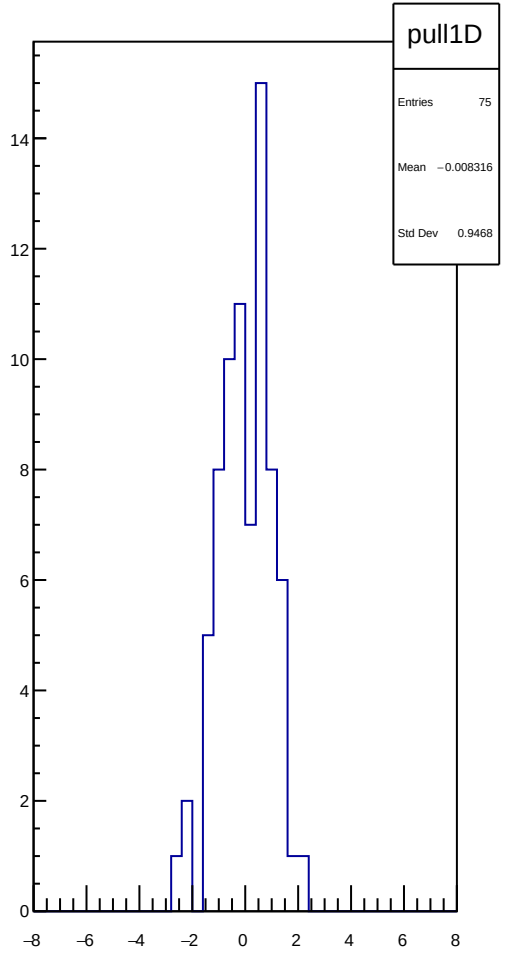

asym_usl_correction_rms vs run
χ² / ndf 2845 / 74
p0 1290 ± 1.059
1500
1450
1400
1350
1300
1250
1200
1150

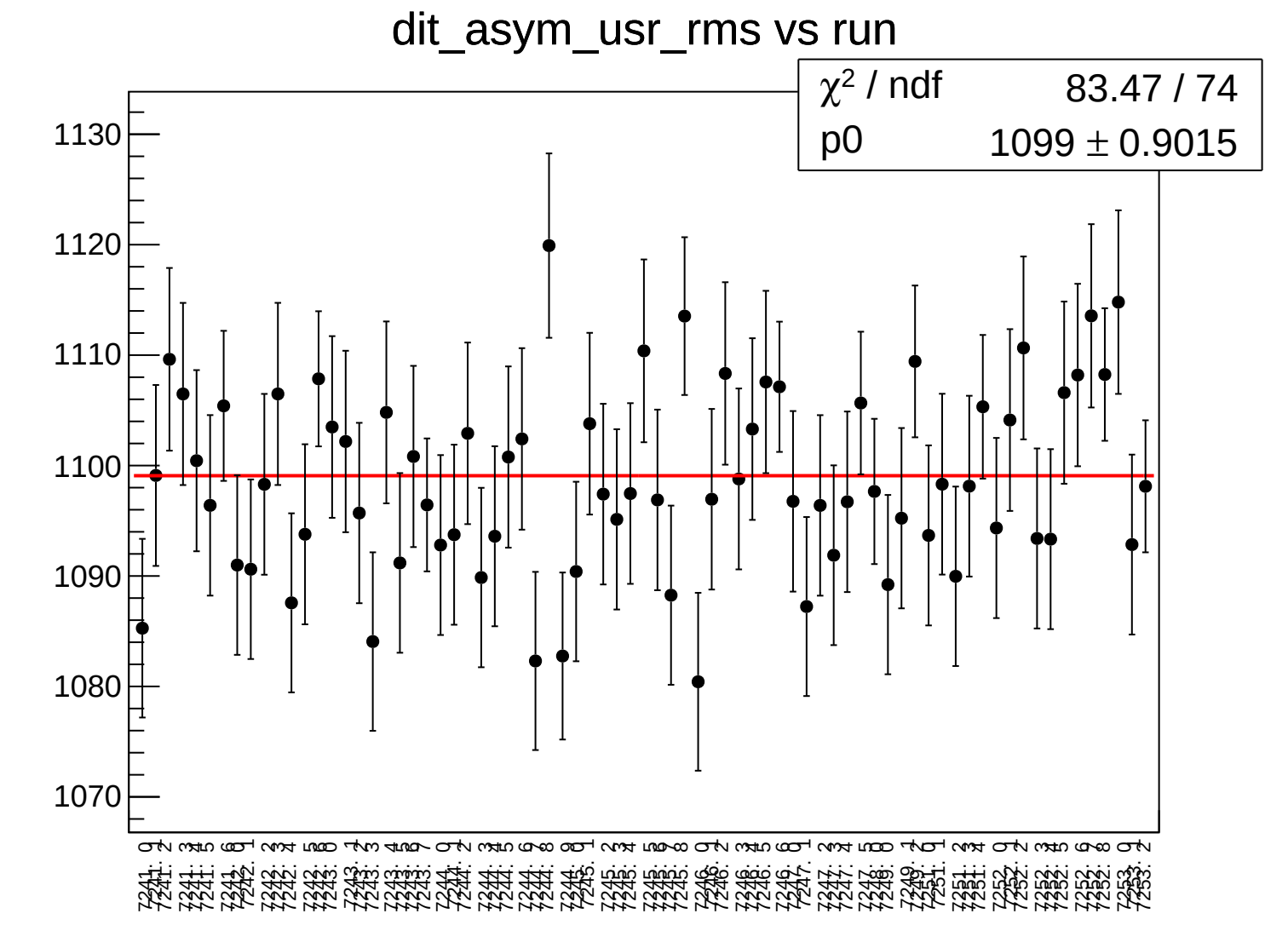

asym_usl_mean vs run
χ^2 / ndf 91.15 / 74
p0 1675 ± 1967
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 75
Mean −158.9
Std Dev 197.2
2
1
0
−1
−2

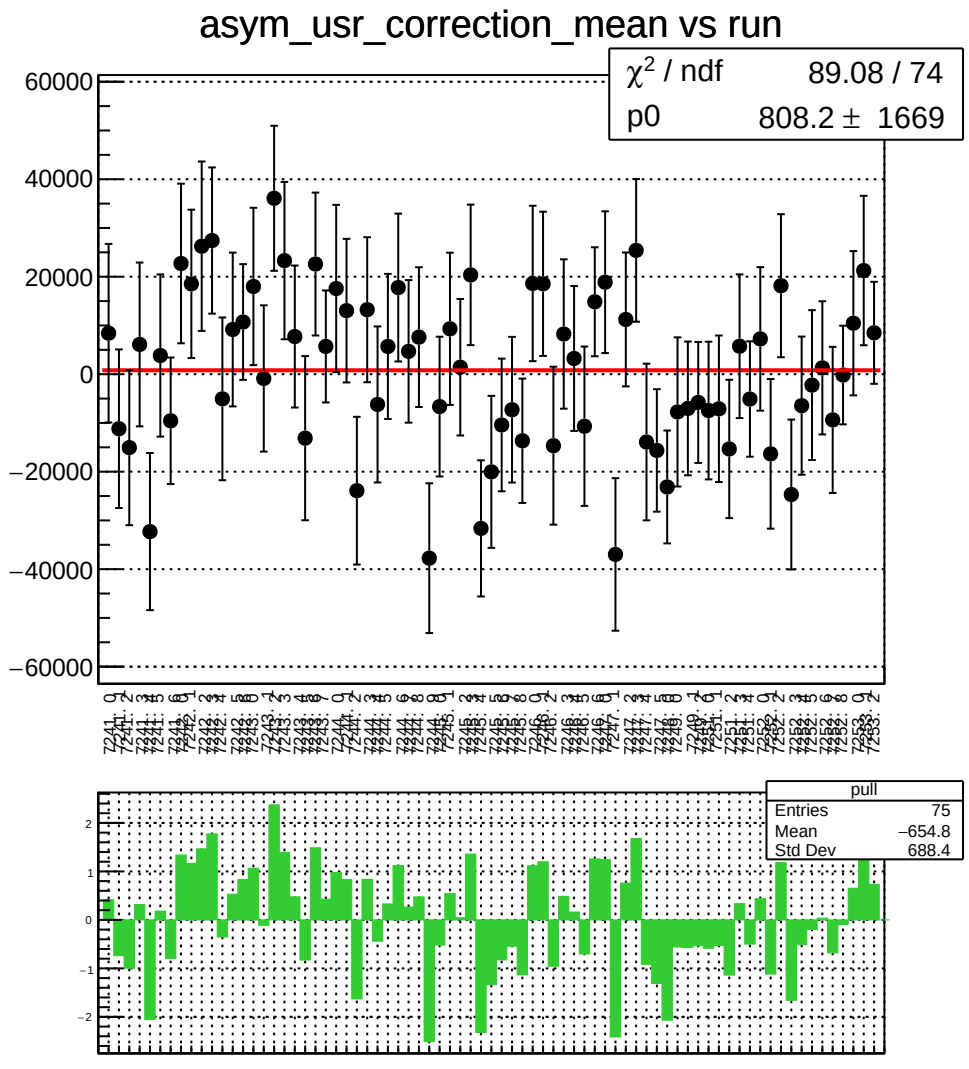

pull1D
Entries 75
Mean −0.01608
Std Dev 1.102
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

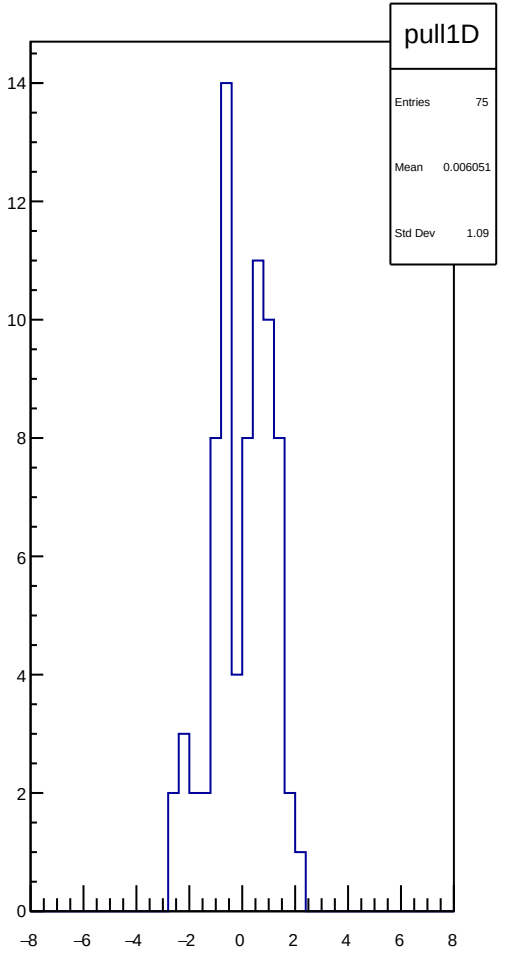

asym_usl_rms vs run
χ² / ndf 1078 / 74
p0 1695 ± 1.391
1850
1800
1750
1700
1650
1600
1550

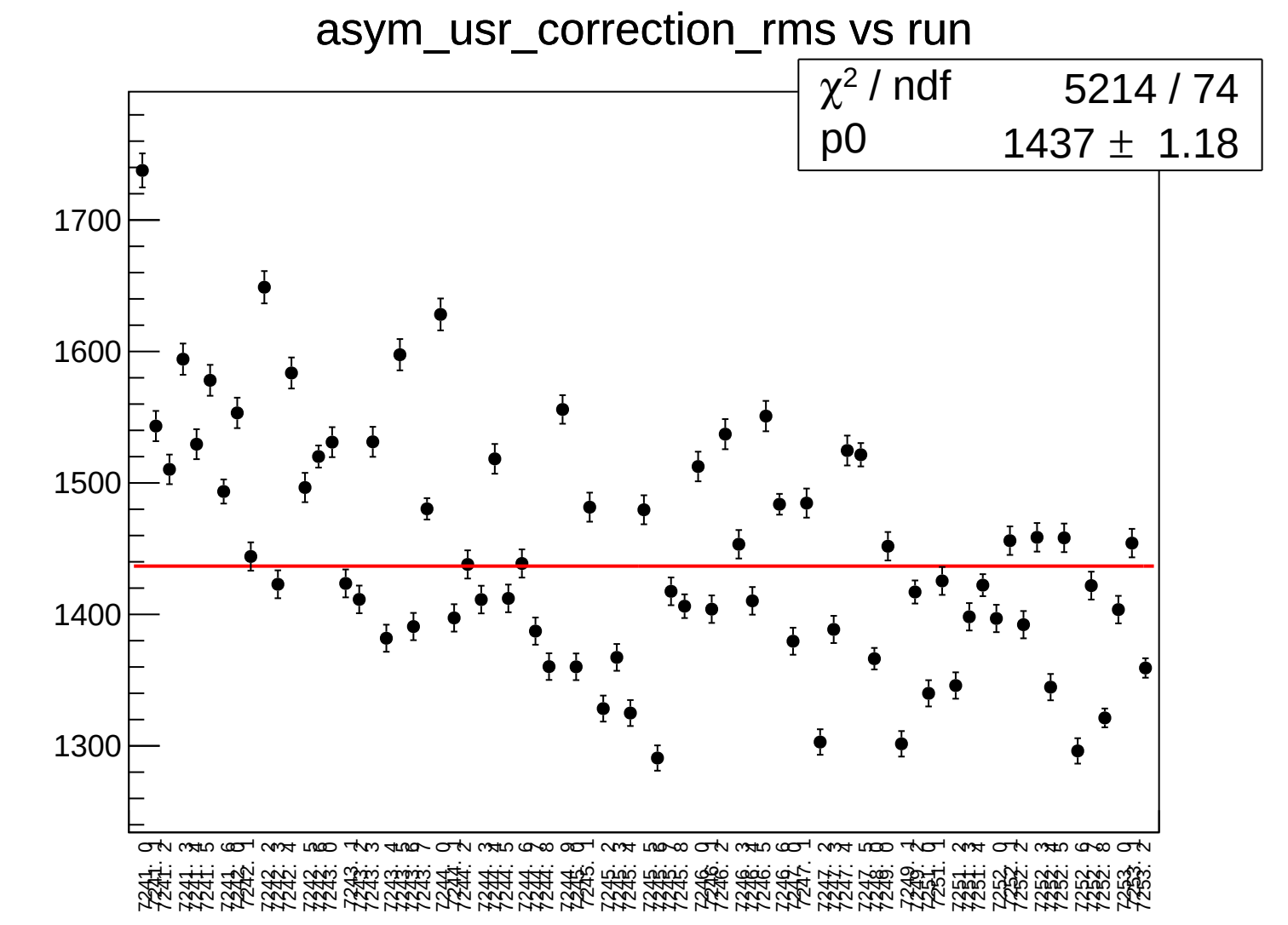

dit_asym_usr_mean vs run
χ² / ndf 67.24 / 74
p0 2058 ± 1275
pull
Entries 75
Mean 581.2
Std Dev 542.4

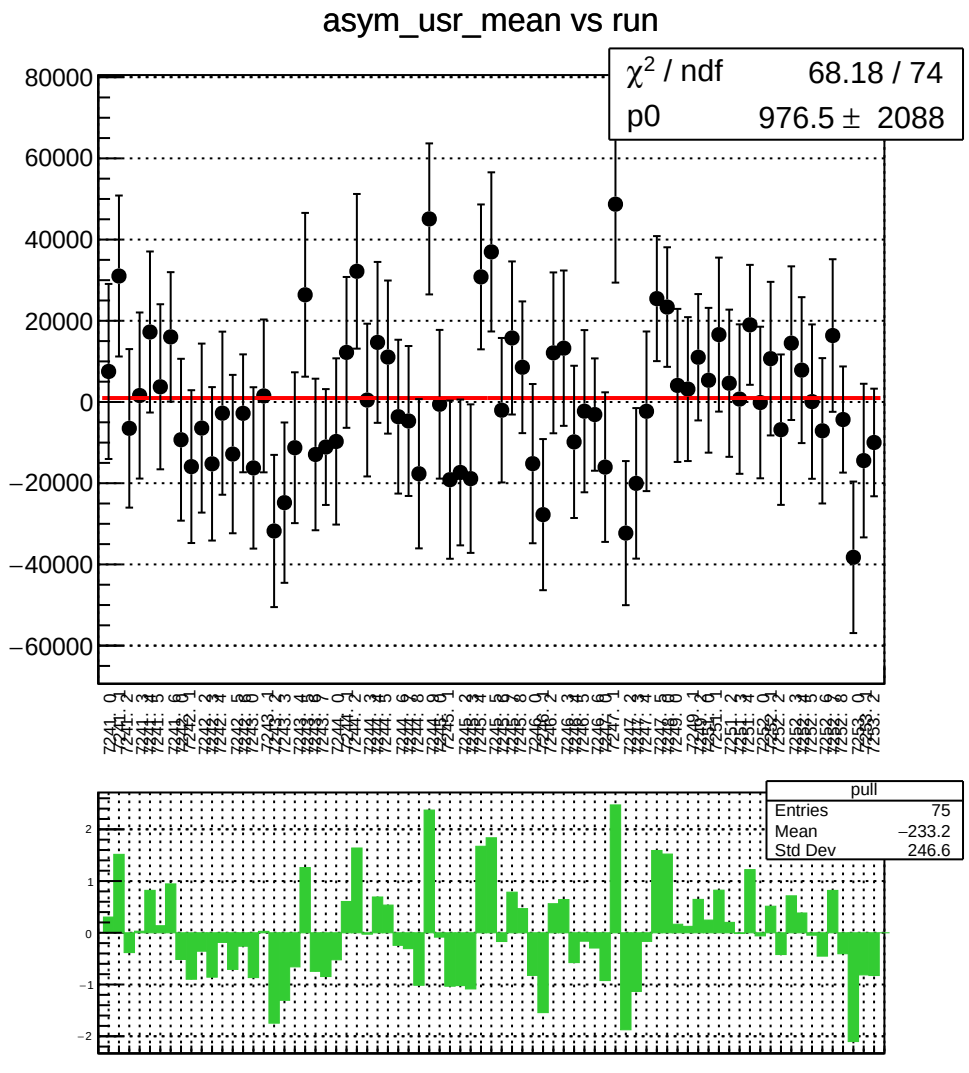

pull1D
Entries 75
Mean −0.008316
Std Dev 0.9468

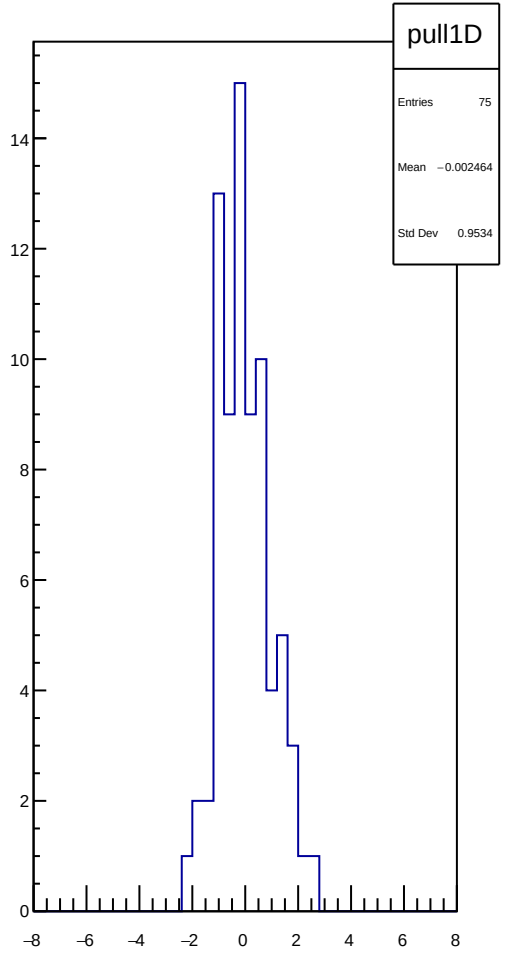

dit_asym_usr_rms vs run
χ² / ndf 83.47 / 74
p0 1099 ± 0.9015
1130
1120
1110
1100
1090
1080
1070

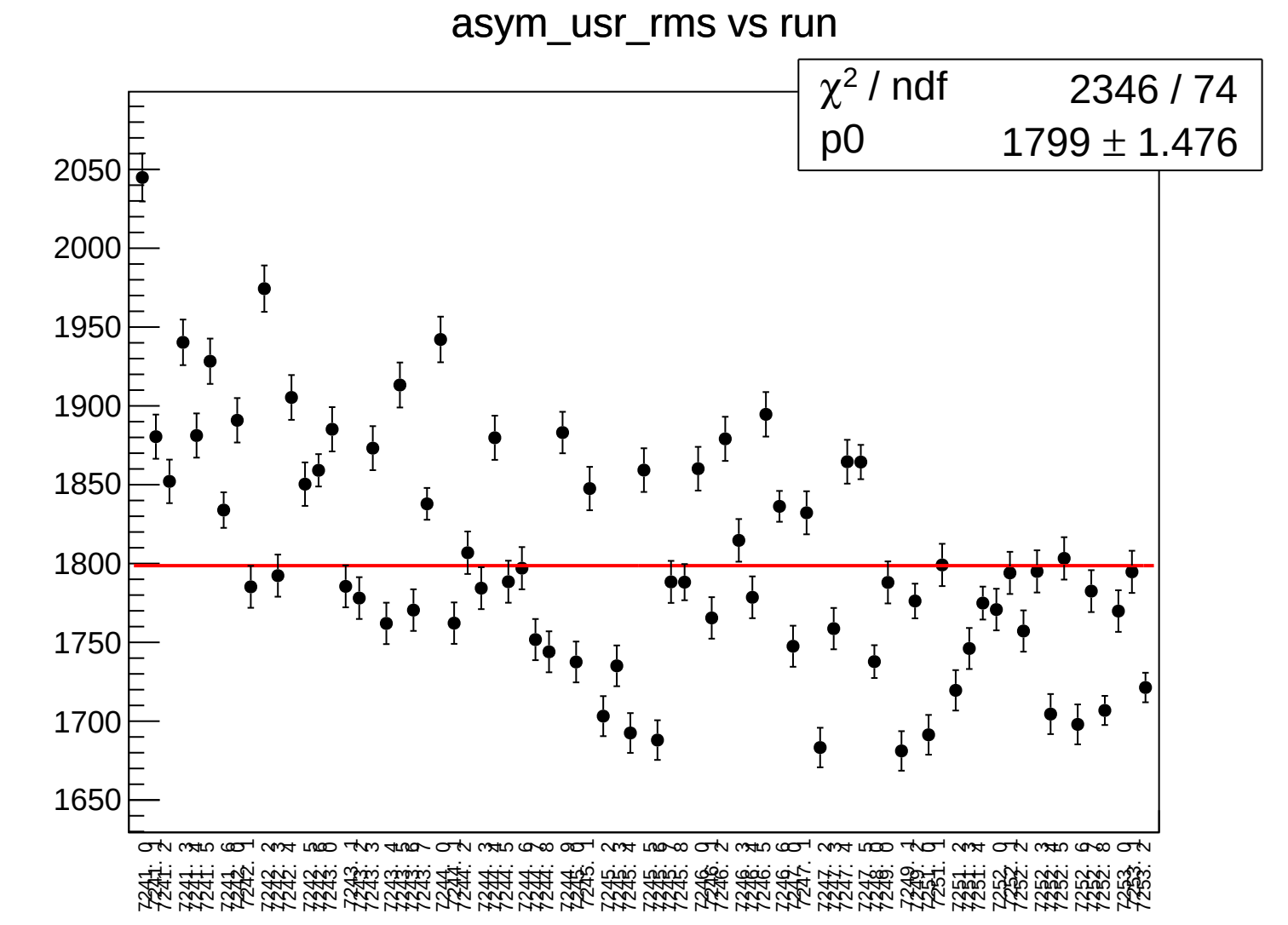

asym_usr_correction_mean vs run
χ² / ndf 89.08 / 74
p0 808.2 ± 1669
pull
Entries 75
Mean −654.8
Std Dev 688.4

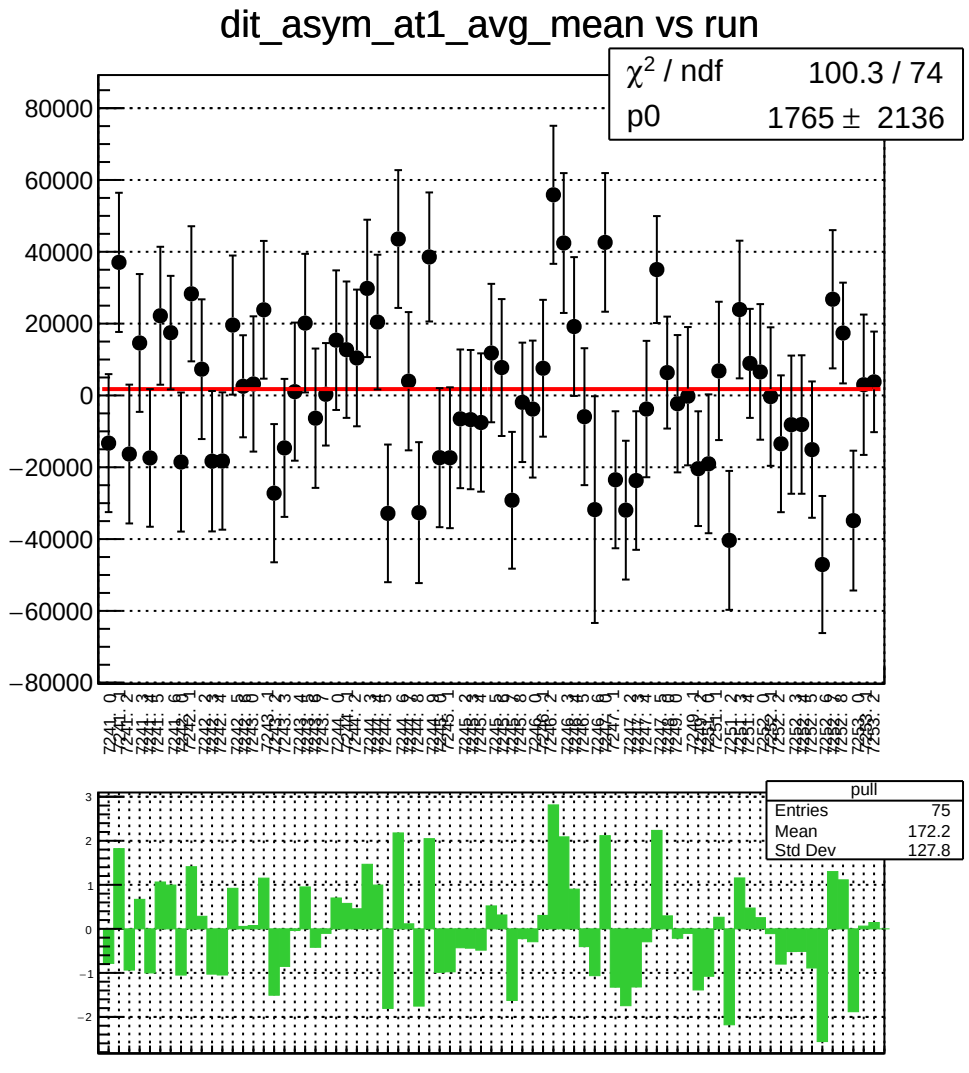

pull1D
Entries 75
Mean 0.006051
Std Dev 1.09

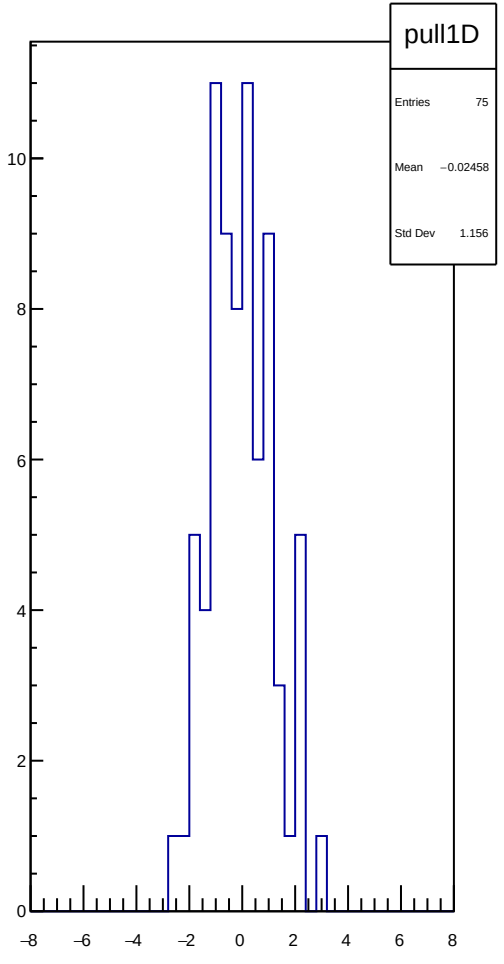

asym_usr_correction_rms vs run
χ² / ndf 5214 / 74
p0 1437 ± 1.18
1700
1600
1500
1400
1300

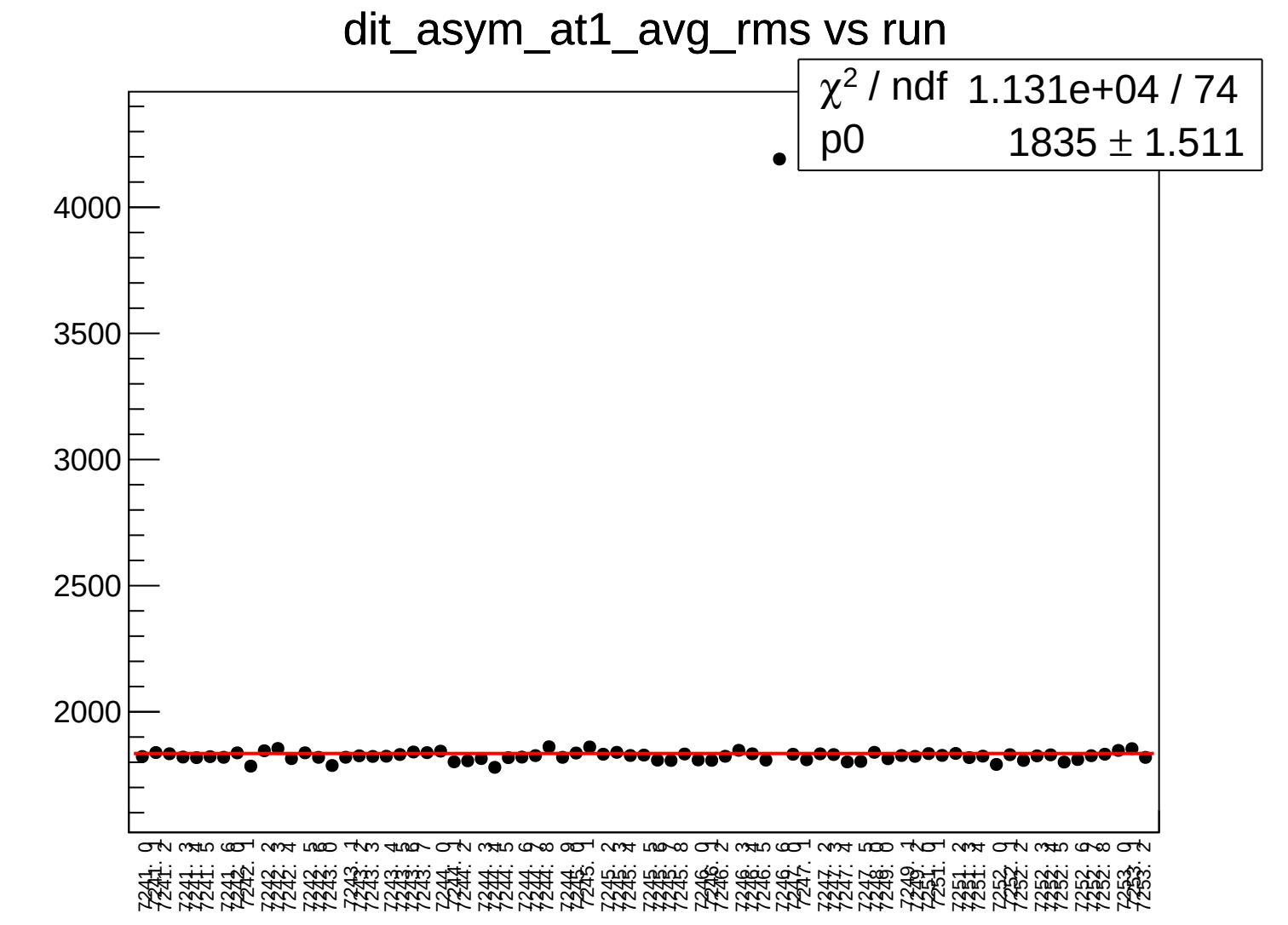

asym_usr_mean vs run
χ² / ndf 68.18 / 74
p0 976.5 ± 2088
pull
Entries 75
Mean −233.2
Std Dev 246.6

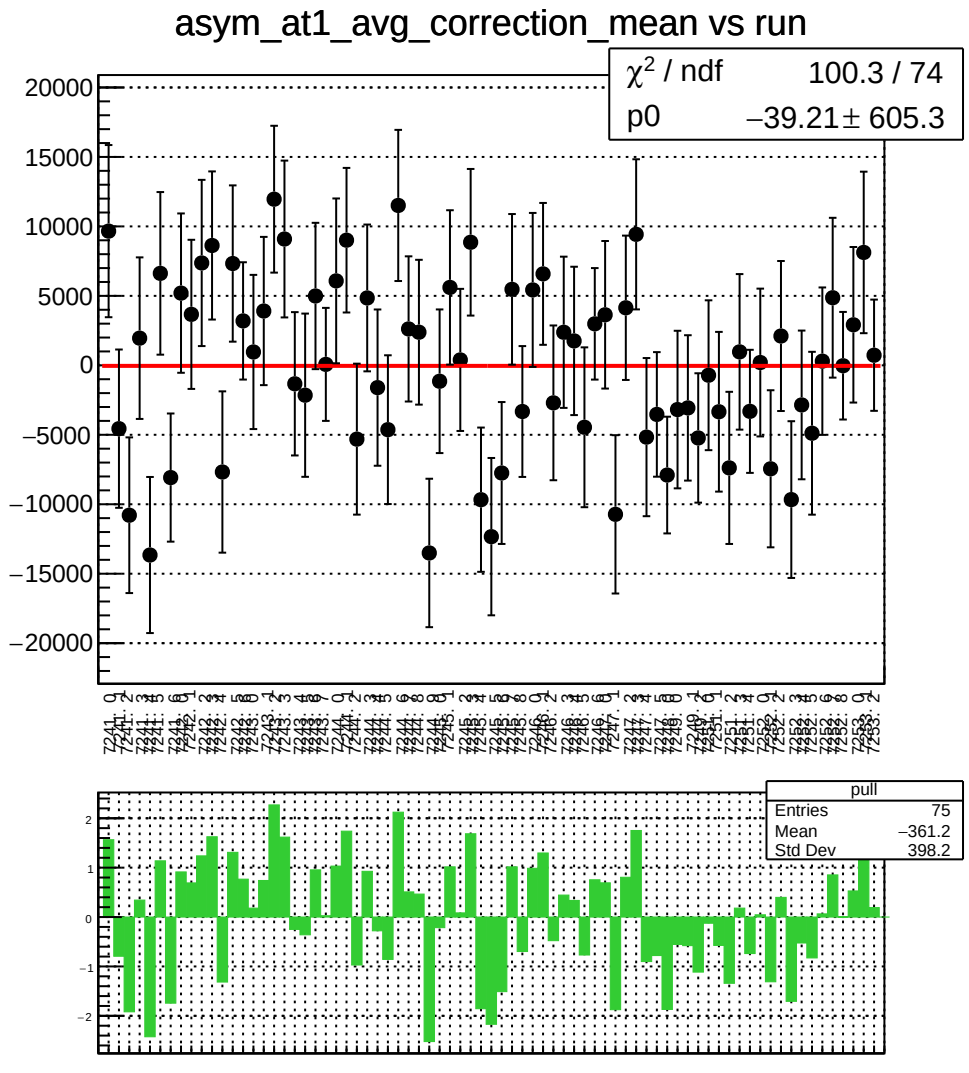

pull1D
Entries 75
Mean −0.002464
Std Dev 0.9534

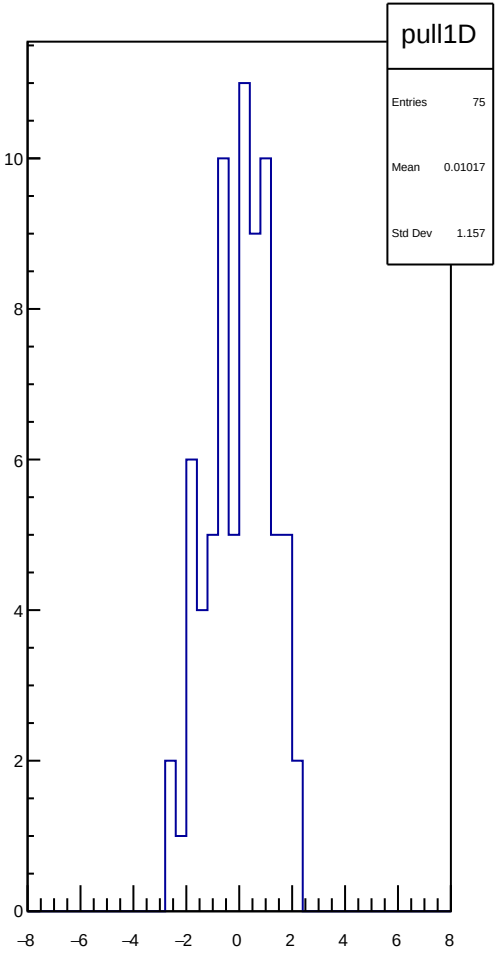

asym_usr_rms vs run
χ² / ndf 2346 / 74
p0 1799 ± 1.476
2050
2000
1950
1900
1850
1800
1750
1700
1650

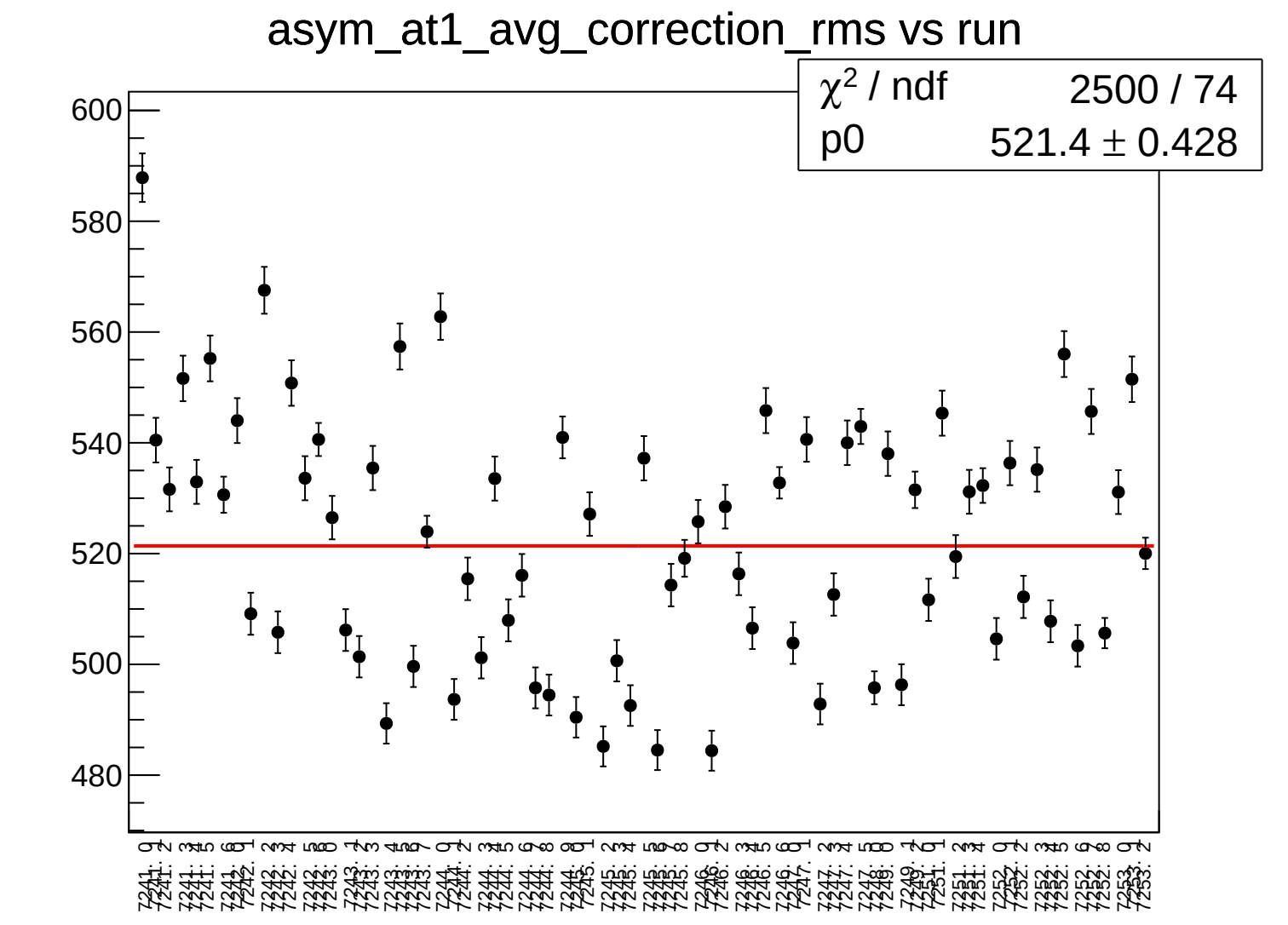

dit_asym_at1_avg_mean vs run
χ² / ndf 100.3 / 74
p0 1765 ± 2136
pull
Entries 75
Mean 172.2
Std Dev 127.8

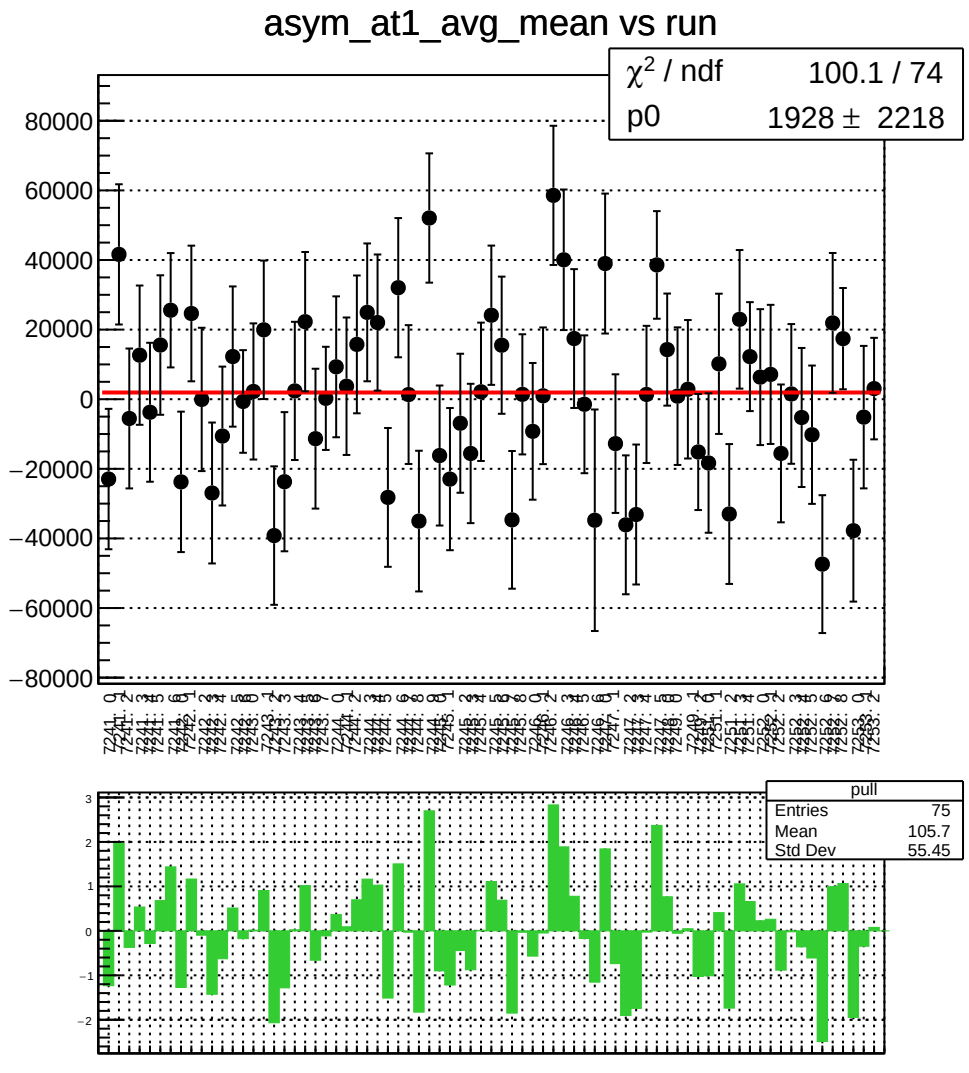

pull1D
Entries 75
Mean −0.02458
Std Dev 1.156

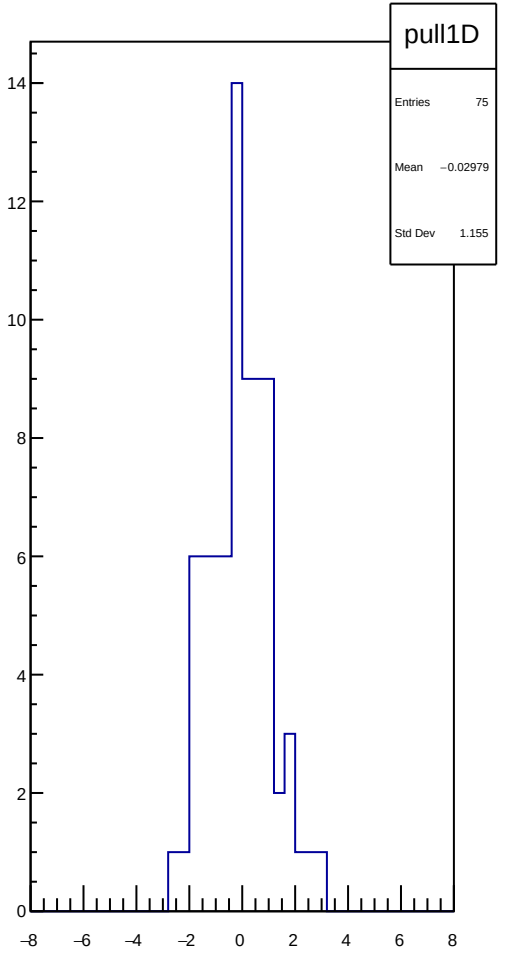

dit_asym_at1_avg_rms vs run
χ^2 / ndf 1.131e+04 / 74
p0 1835 ± 1.511
4000
3500
3000
2500
2000

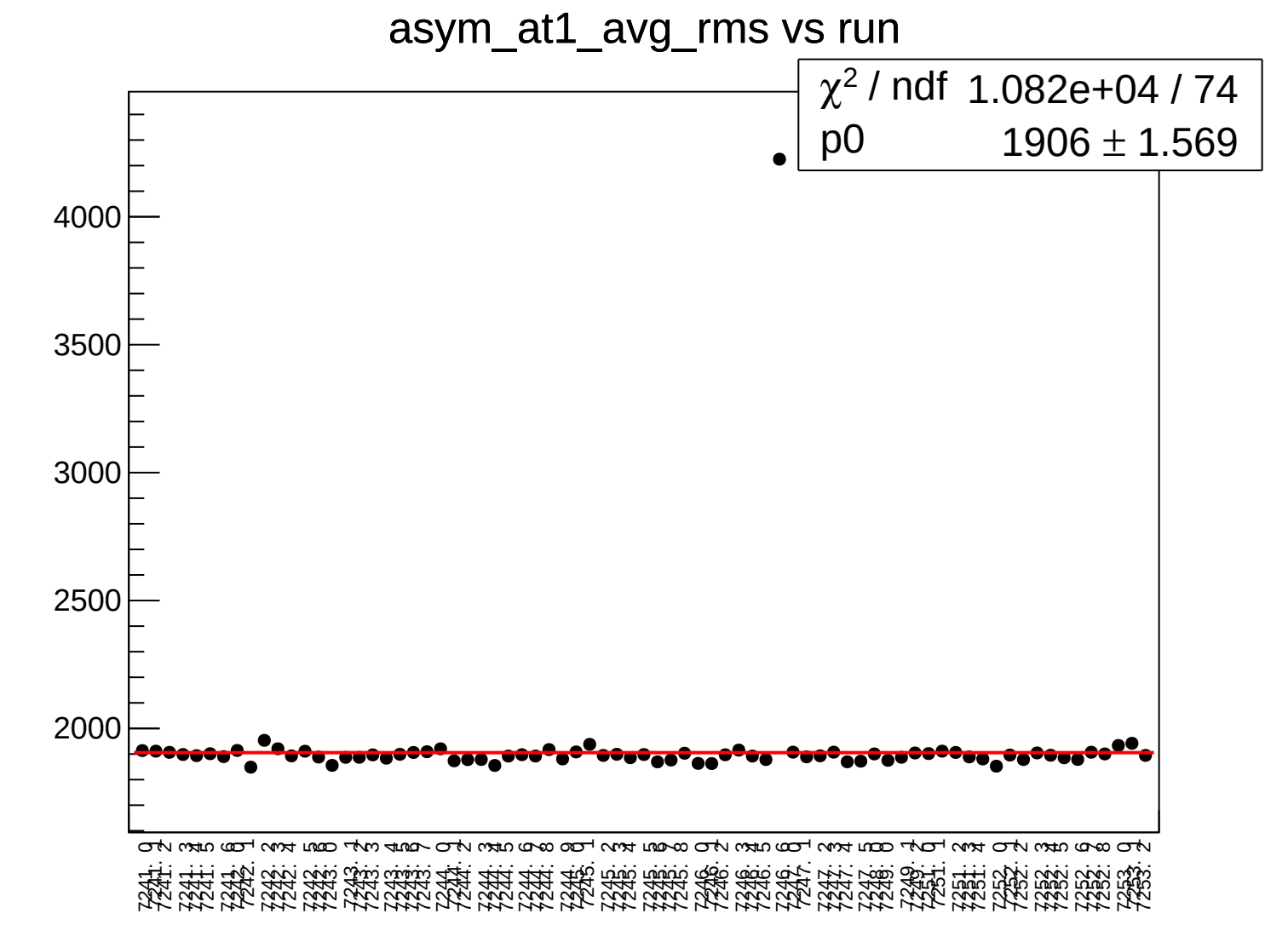

asym_at1_avg_correction_mean vs run
χ² / ndf 100.3 / 74
p0 −39.21 ± 605.3
pull
Entries 75
Mean −361.2
Std Dev 398.2

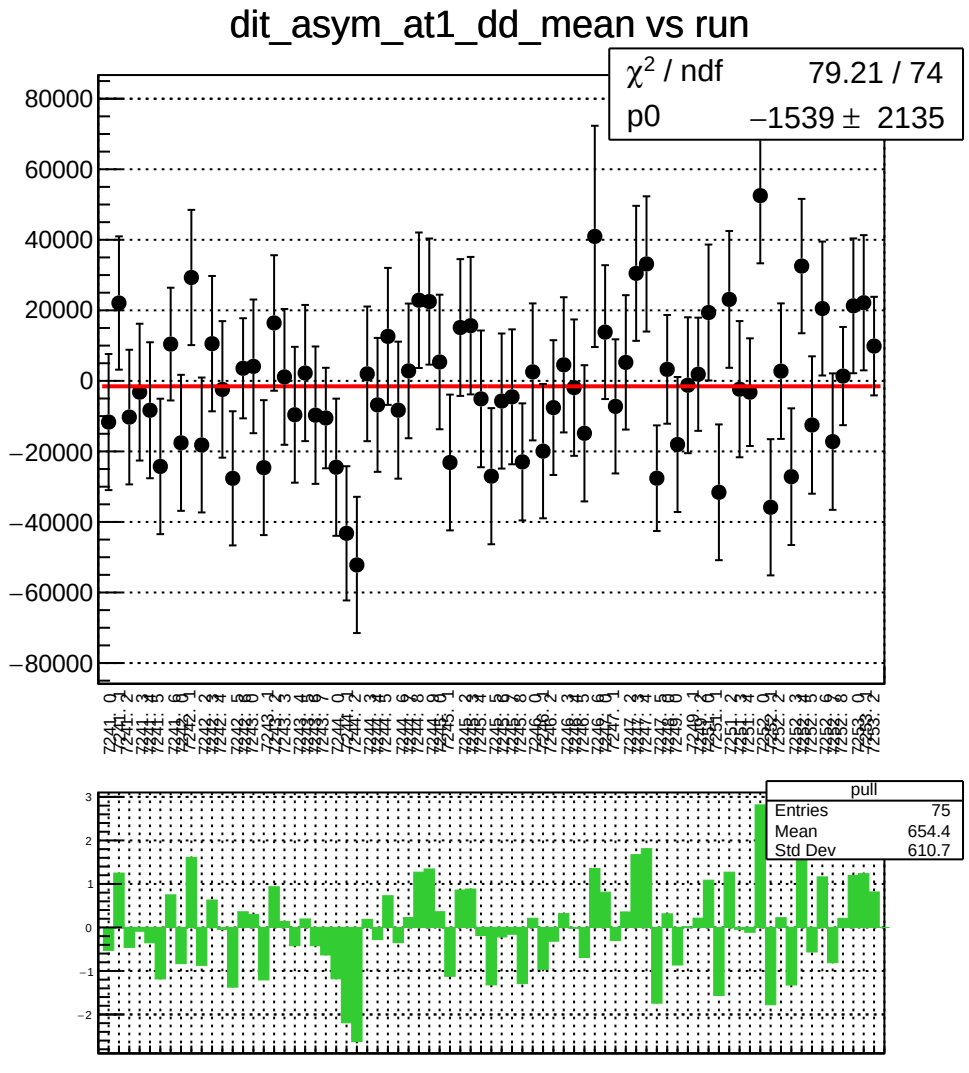

pull1D
Entries 75
Mean 0.01017
Std Dev 1.157

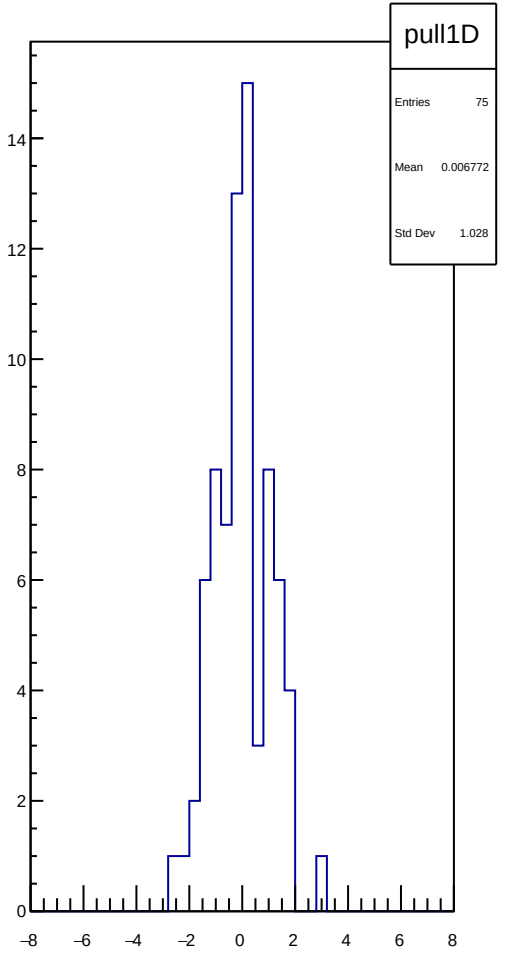

asym_at1_avg_correction_rms vs run
χ² / ndf 2500 / 74
p0 521.4 ± 0.428
600
580
560
540
520
500
480

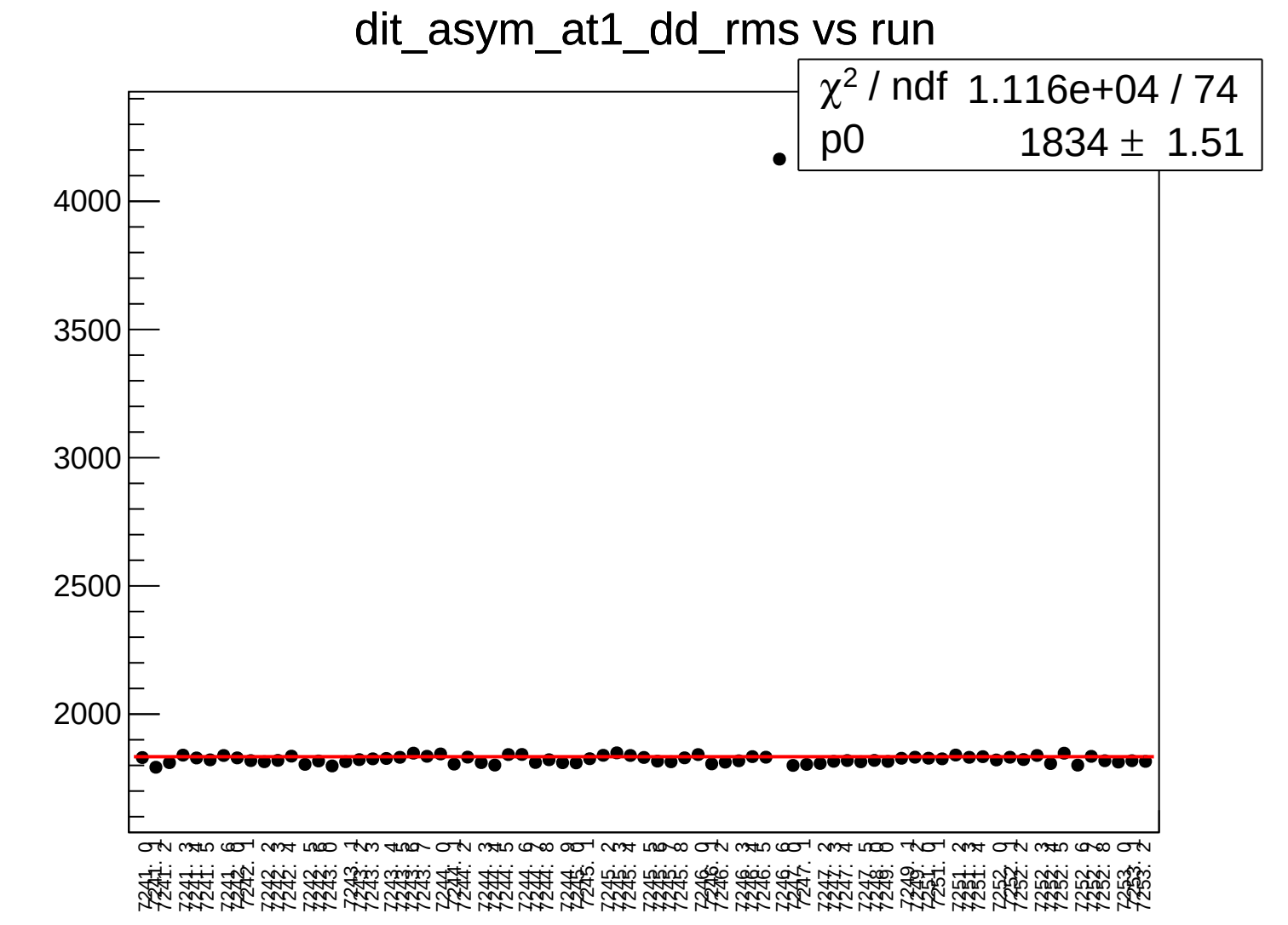

asym_at1_avg_mean vs run
χ² / ndf 100.1 / 74
p0 1928 ± 2218
pull
Entries 75
Mean 105.7
Std Dev 55.45

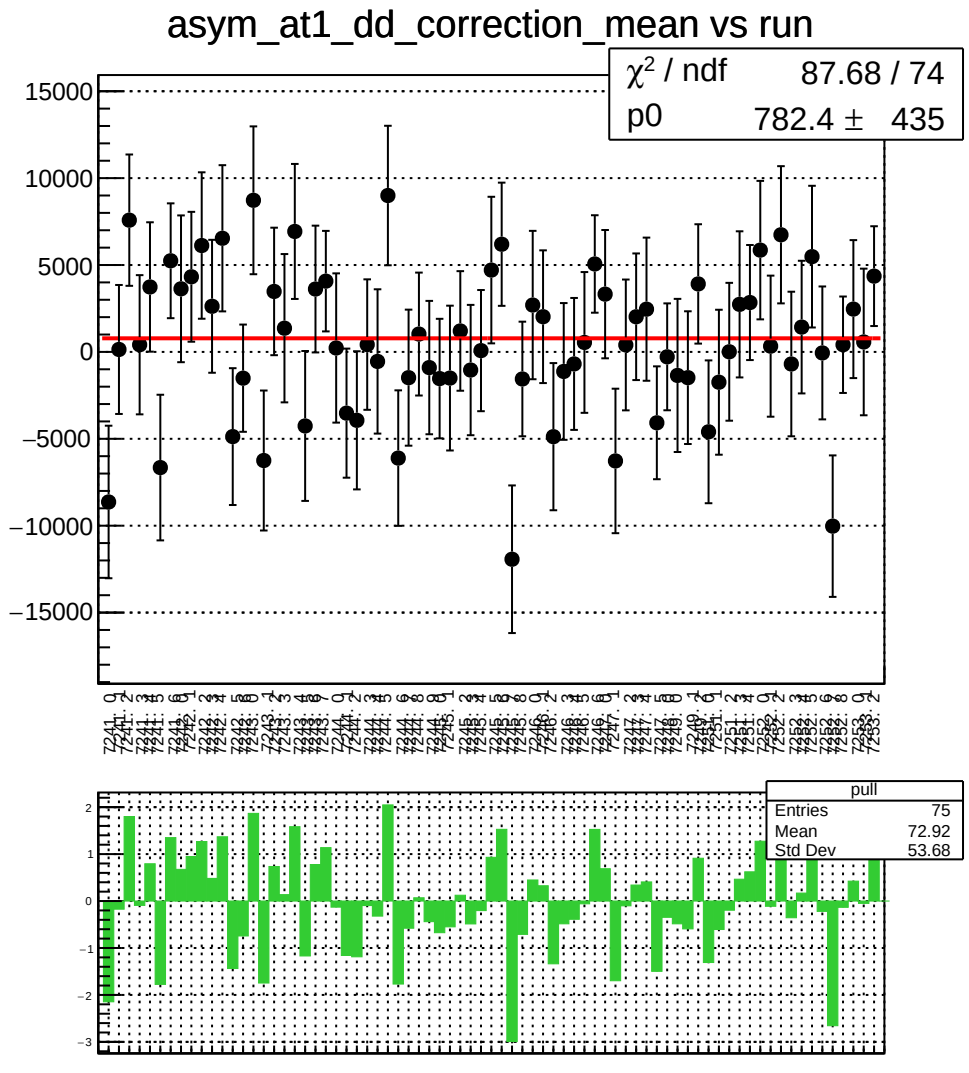

pull1D
Entries 75
Mean −0.02979
Std Dev 1.155

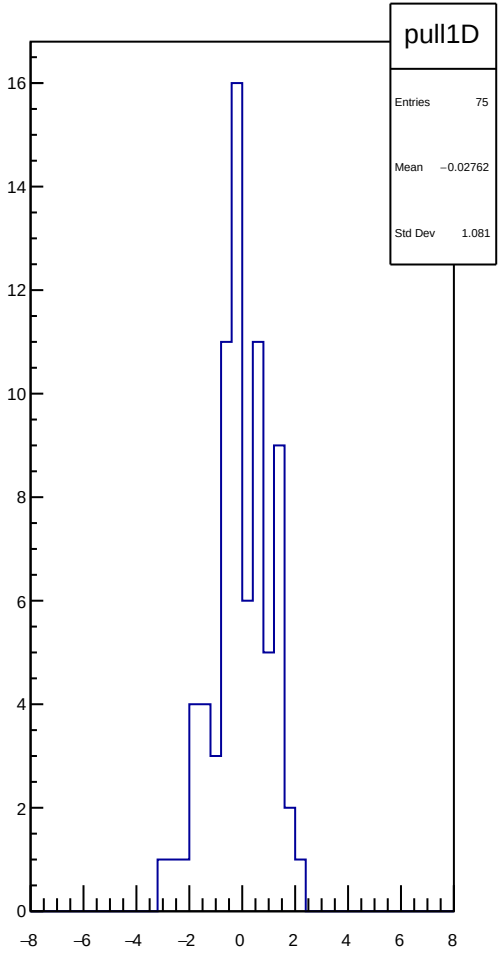

asym_at1_avg_rms vs run
χ² / ndf 1.082e+04 / 74
p0 1906 ± 1.569
4000
3500
3000
2500
2000

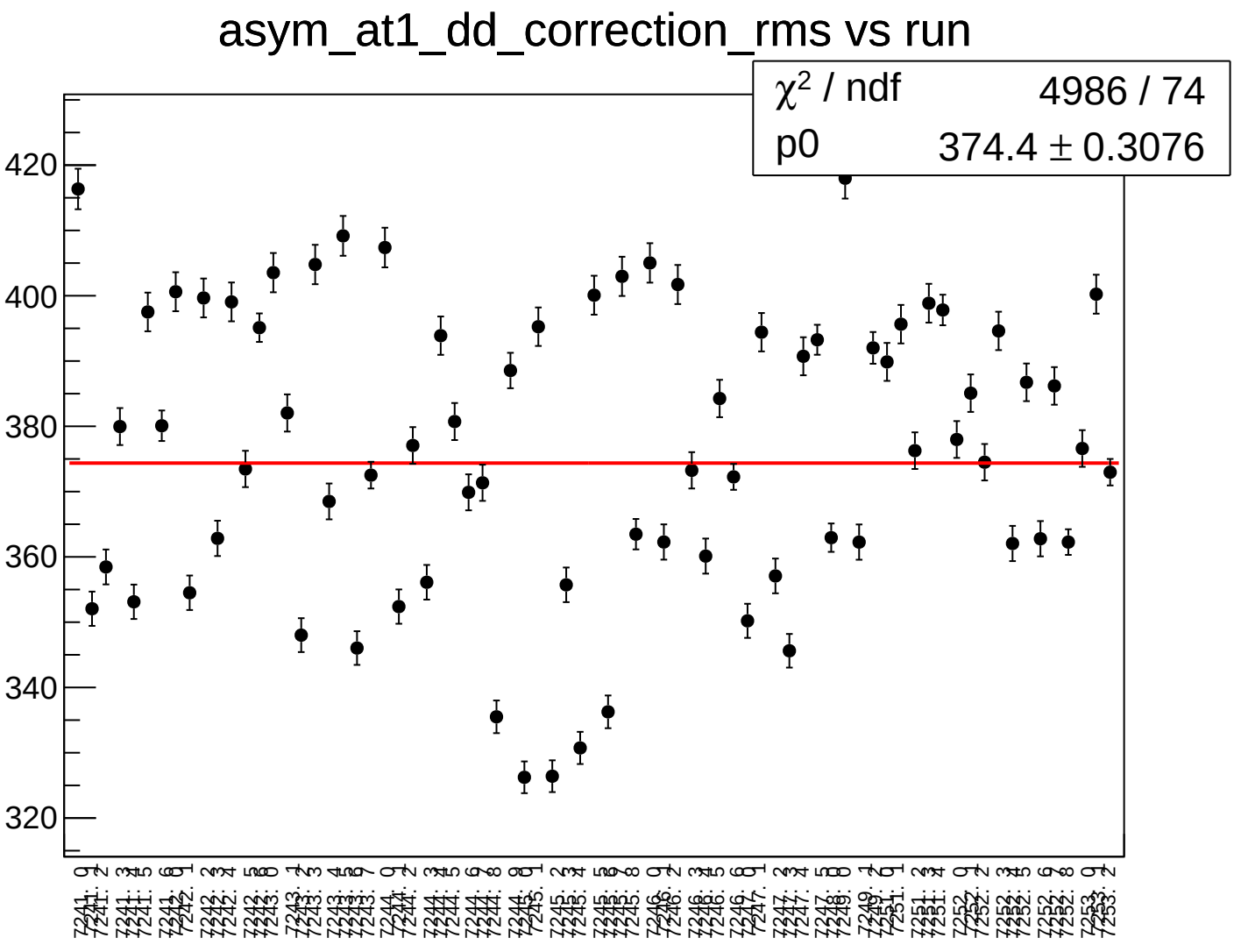

dit_asym_at1_dd_mean vs run
χ² / ndf 79.21 / 74
p0 −1539 ± 2135
pull
Entries 75
Mean 654.4
Std Dev 610.7

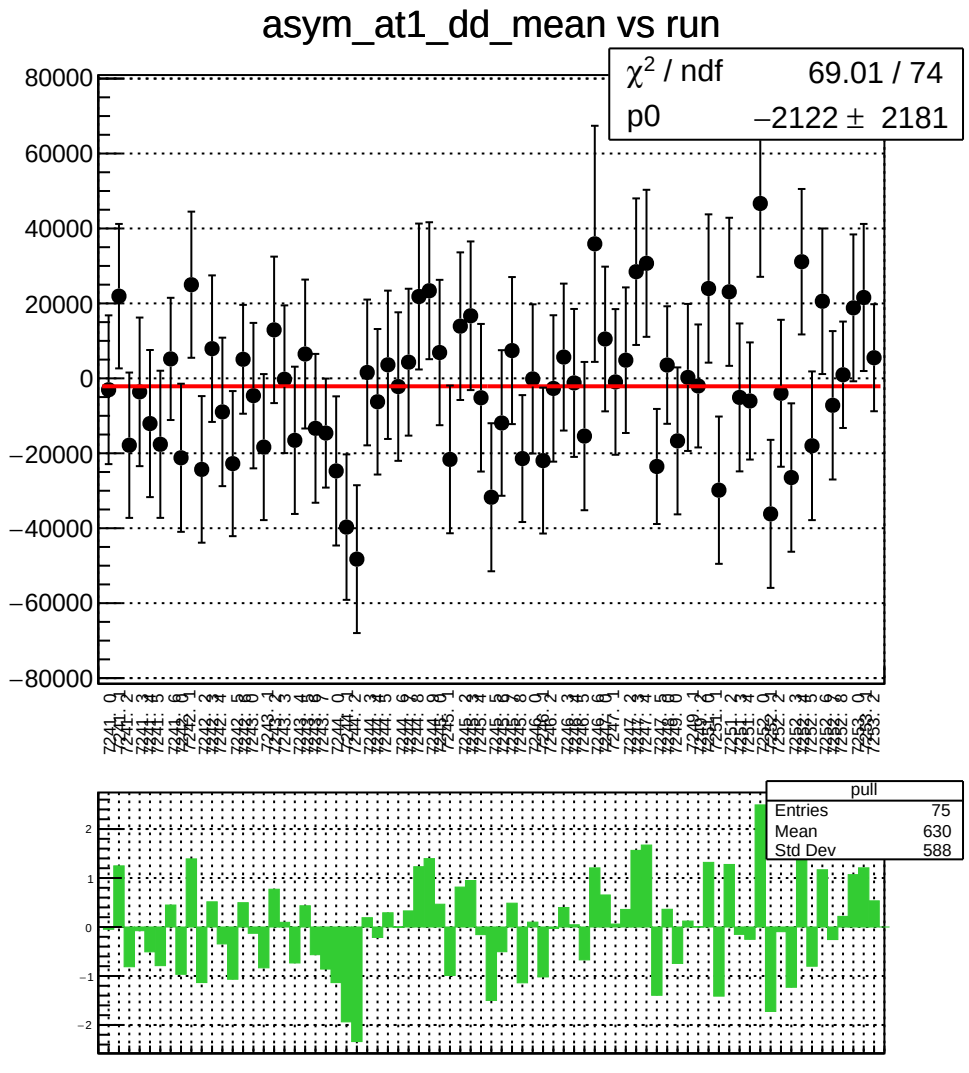

pull1D
Entries 75
Mean 0.006772
Std Dev 1.028

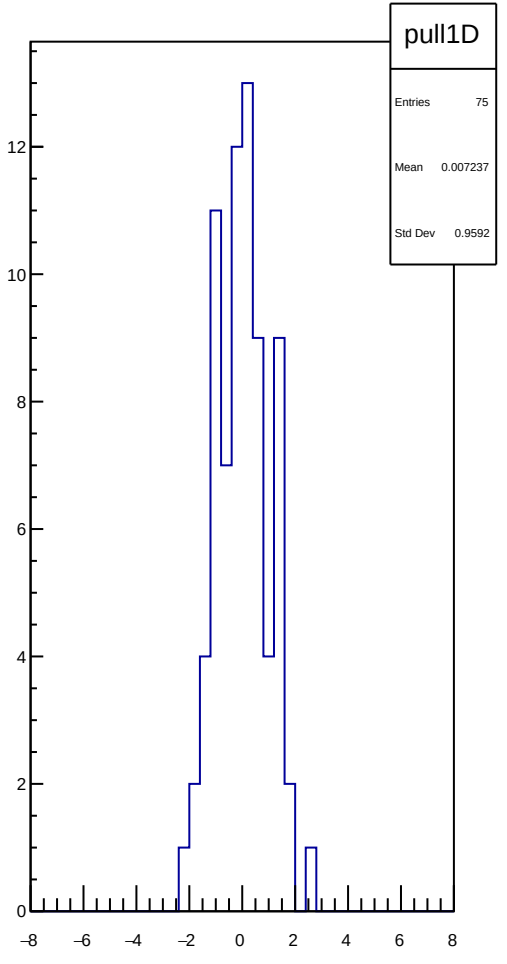

dit_asym_at1_dd_rms vs run
χ² / ndf 1.116e+04 / 74
p0 1834 ± 1.51
4000
3500
3000
2500
2000

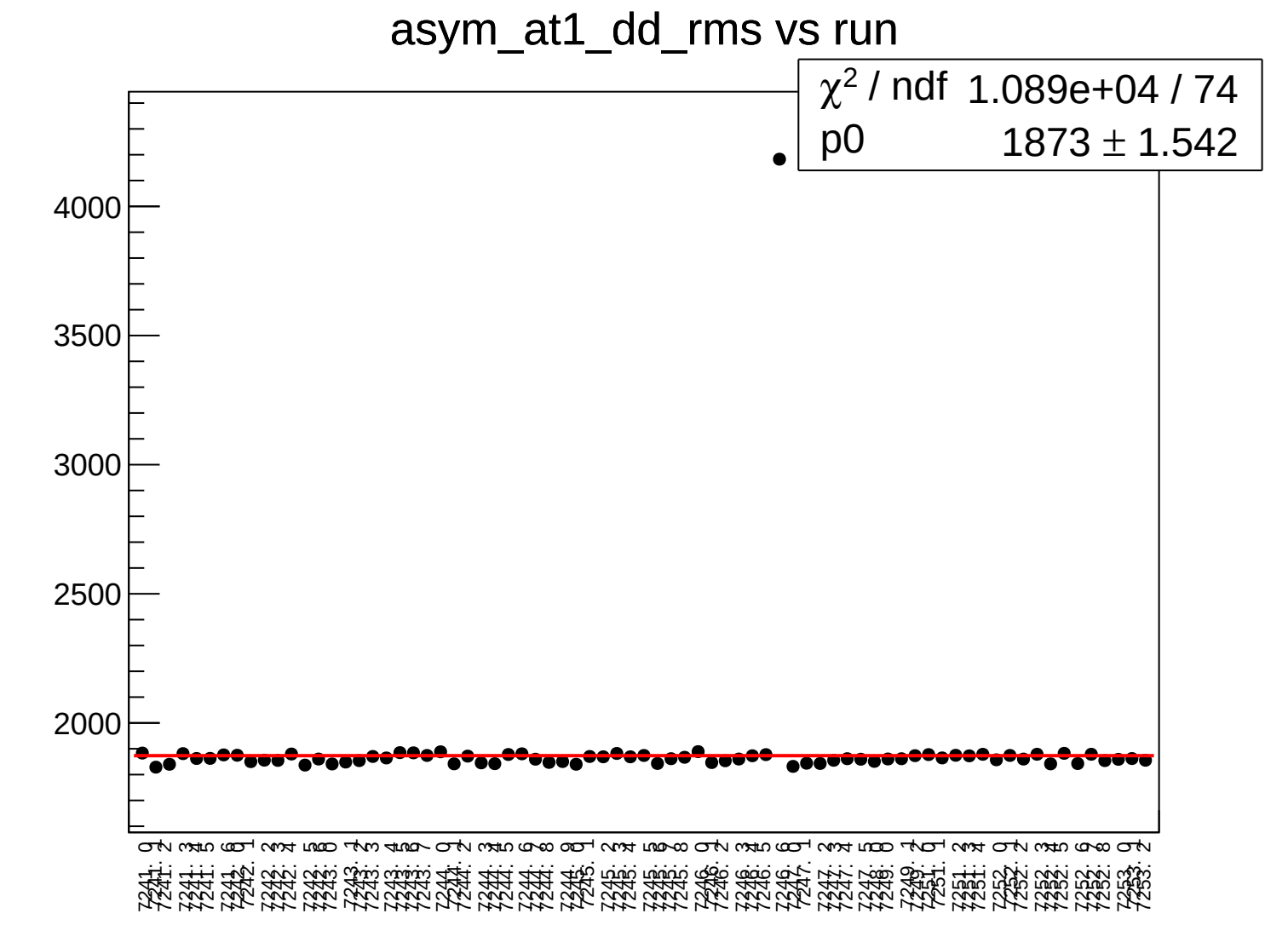

asym_at1_dd_correction_mean vs run
χ² / ndf 87.68 / 74
p0 782.4 ± 435
pull
Entries 75
Mean 72.92
Std Dev 53.68

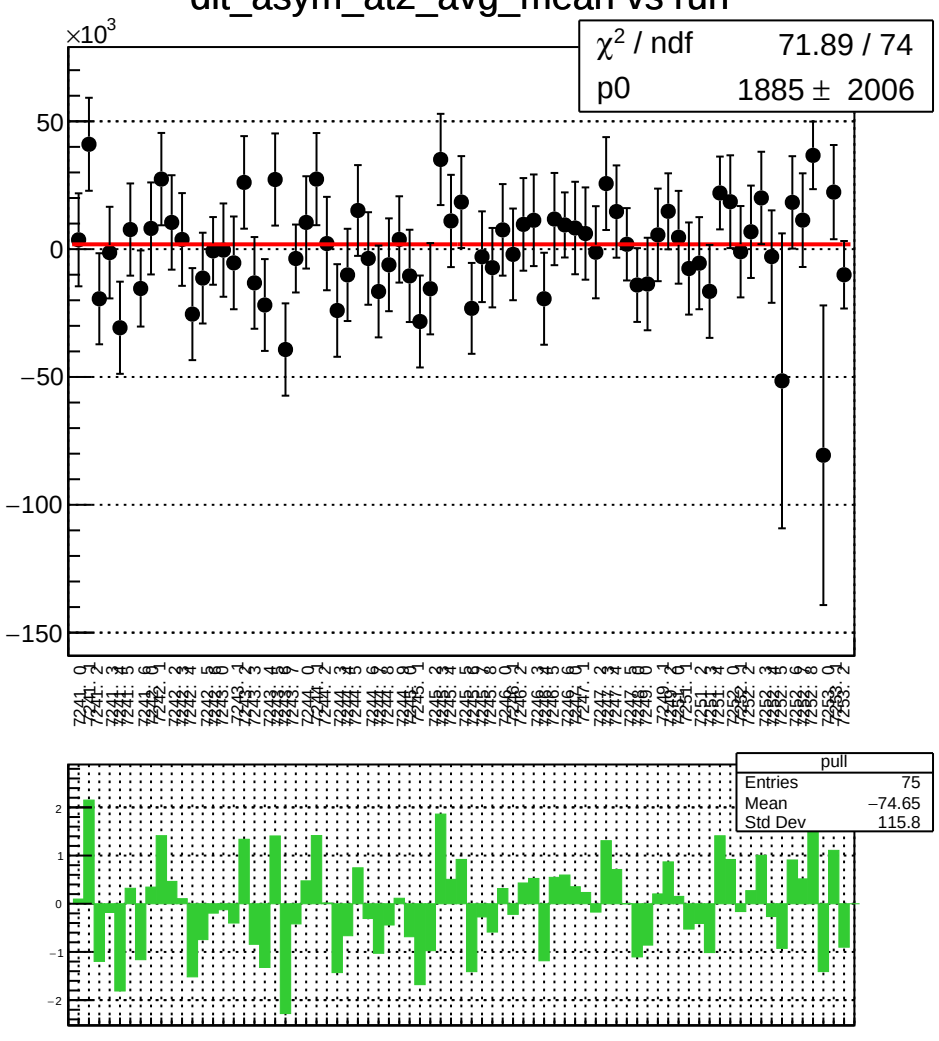

pull1D
Entries 75
Mean −0.02762
Std Dev 1.081

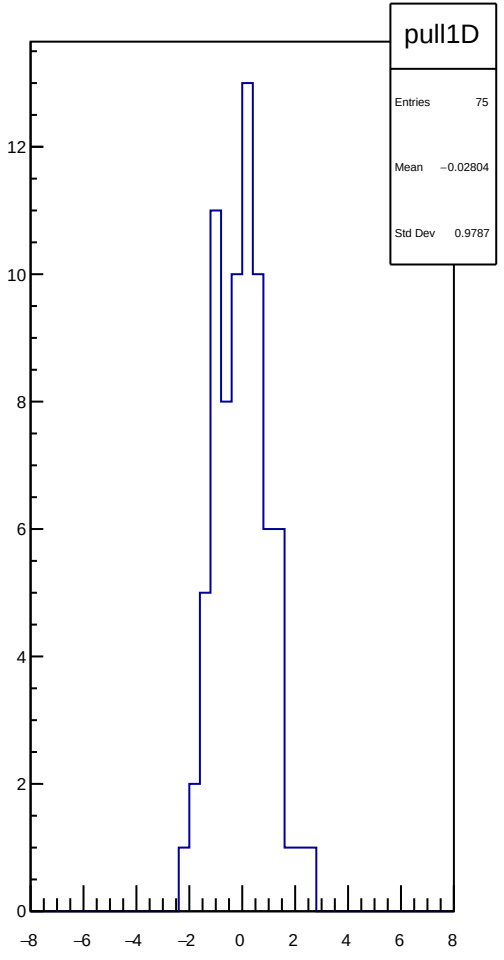

asym_at1_dd_correction_rms vs run
χ² / ndf 4986 / 74
p0 374.4 ± 0.3076
420
400
380
360
340
320

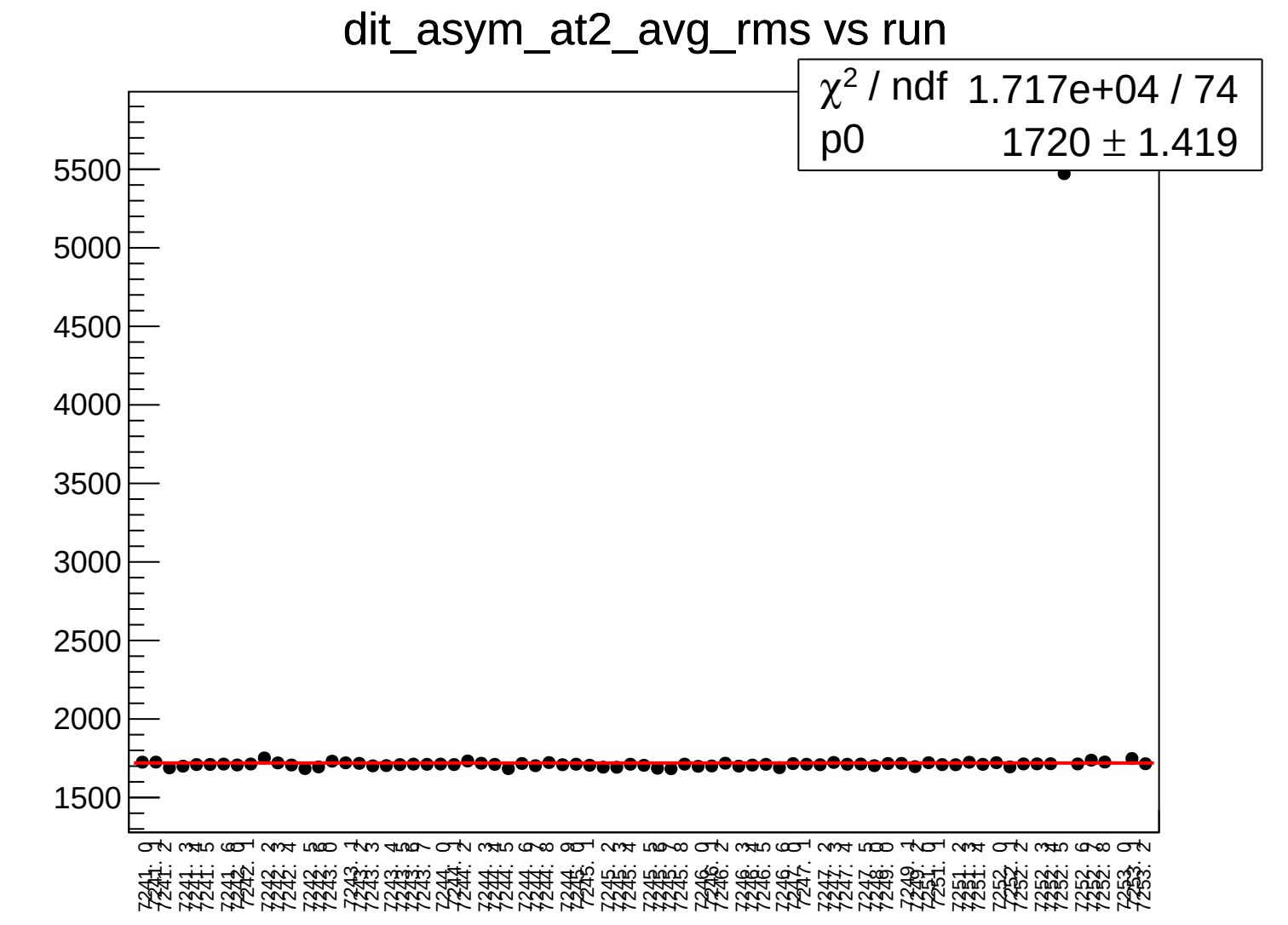

asym_at1_dd_mean vs run
χ² / ndf 69.01 / 74
p0 −2122 ± 2181
pull
Entries 75
Mean 630
Std Dev 588

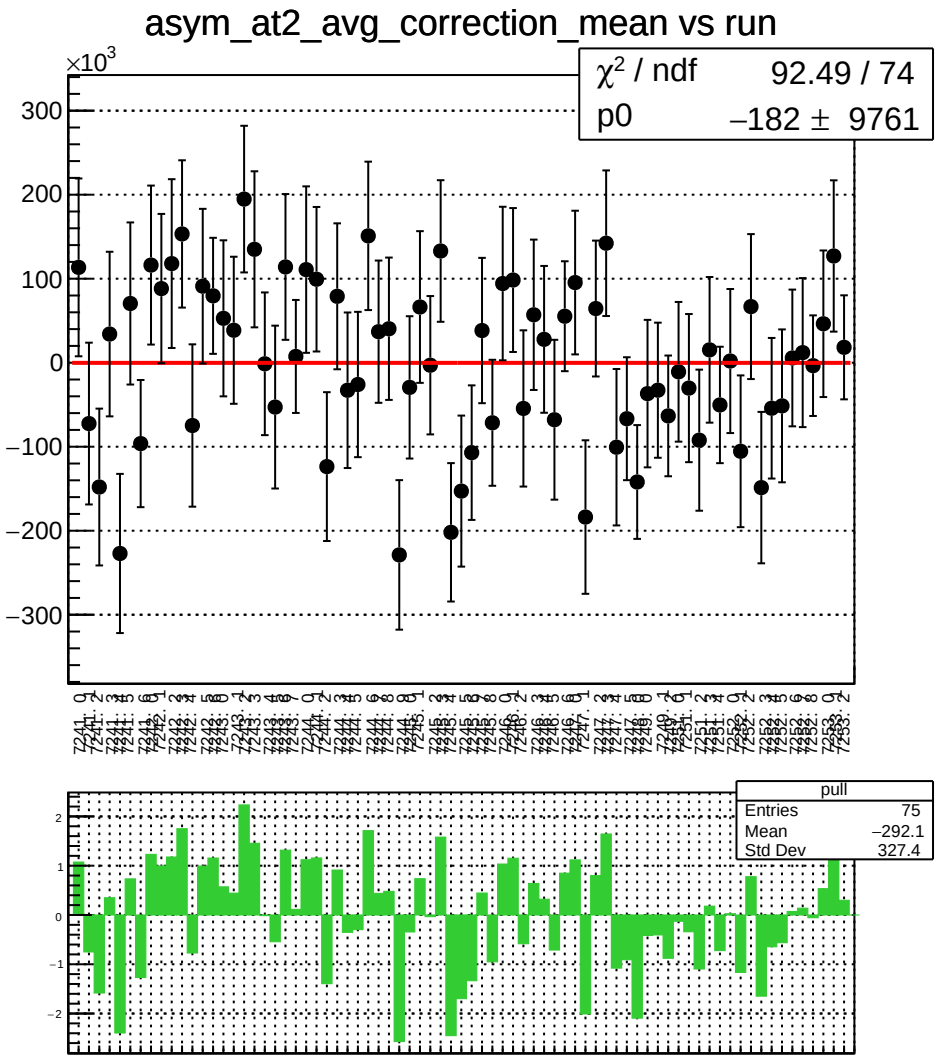

pull1D
Entries 75
Mean 0.007237
Std Dev 0.9592

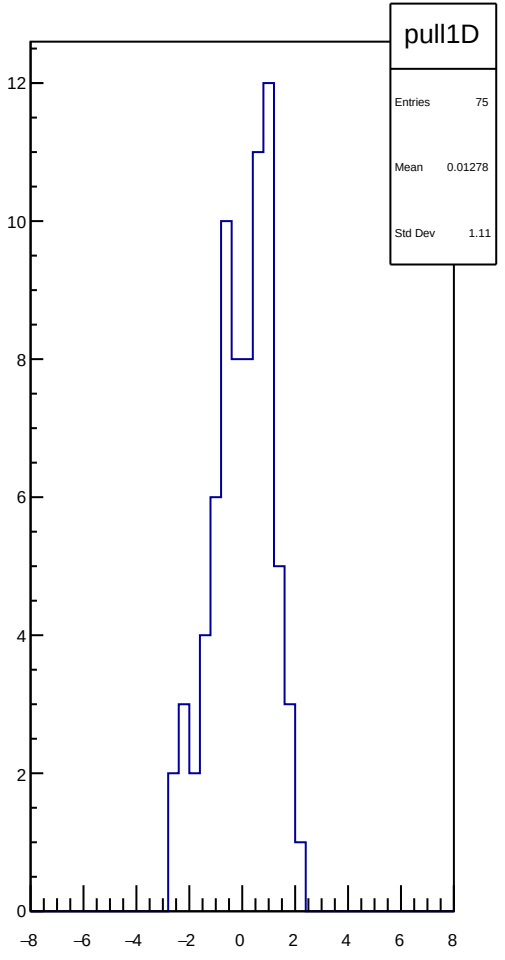

asym_at1_dd_rms vs run
χ² / ndf 1.089e+04 / 74
p0 1873 ± 1.542
4000
3500
3000
2500
2000

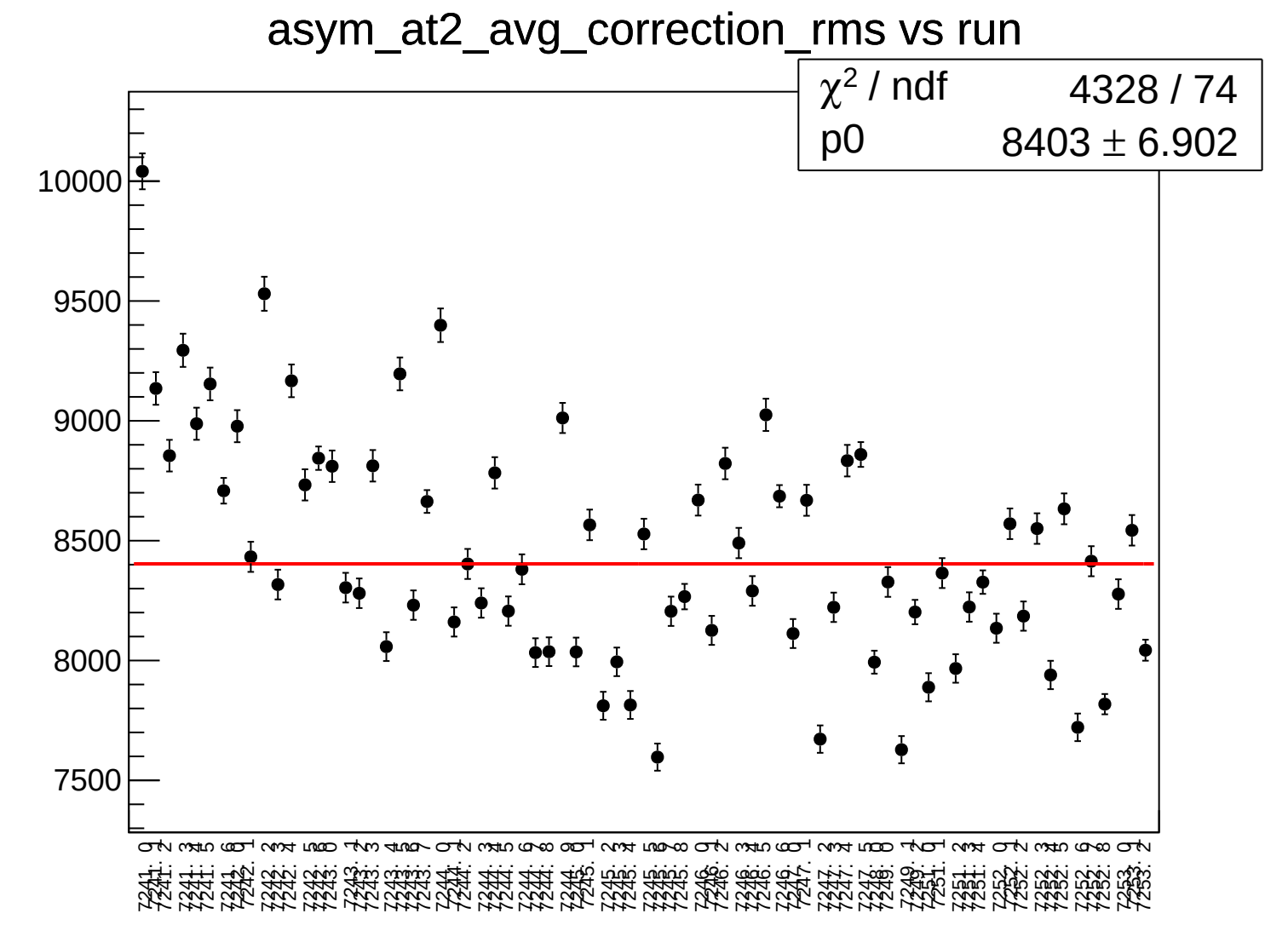

dit_asym_at2_avg_mean vs run
χ² / ndf 71.89 / 74
p0 1885 ± 2006
×10³
pull
Entries 75
Mean −74.65
Std Dev 115.8

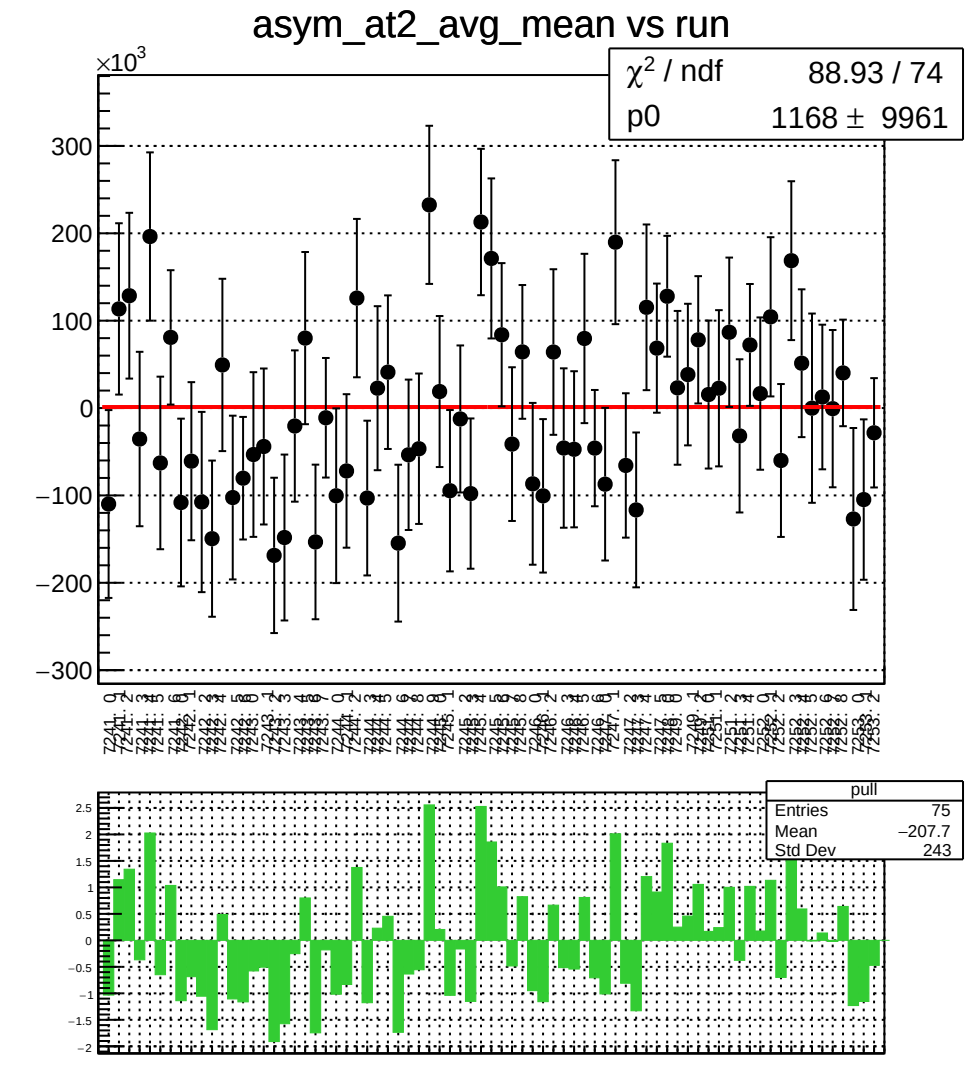

pull1D
Entries 75
Mean −0.02804
Std Dev 0.9787

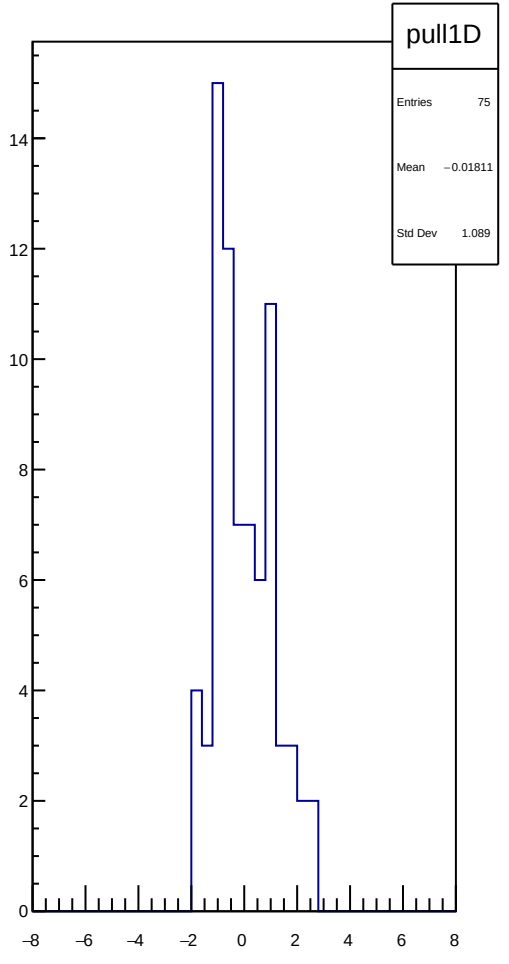

dit_asym_at2_avg_rms vs run
χ^2 / ndf 1.717e+04 / 74
p0 1720 ± 1.419
5500
5000
4500
4000
3500
3000
2500
2000
1500

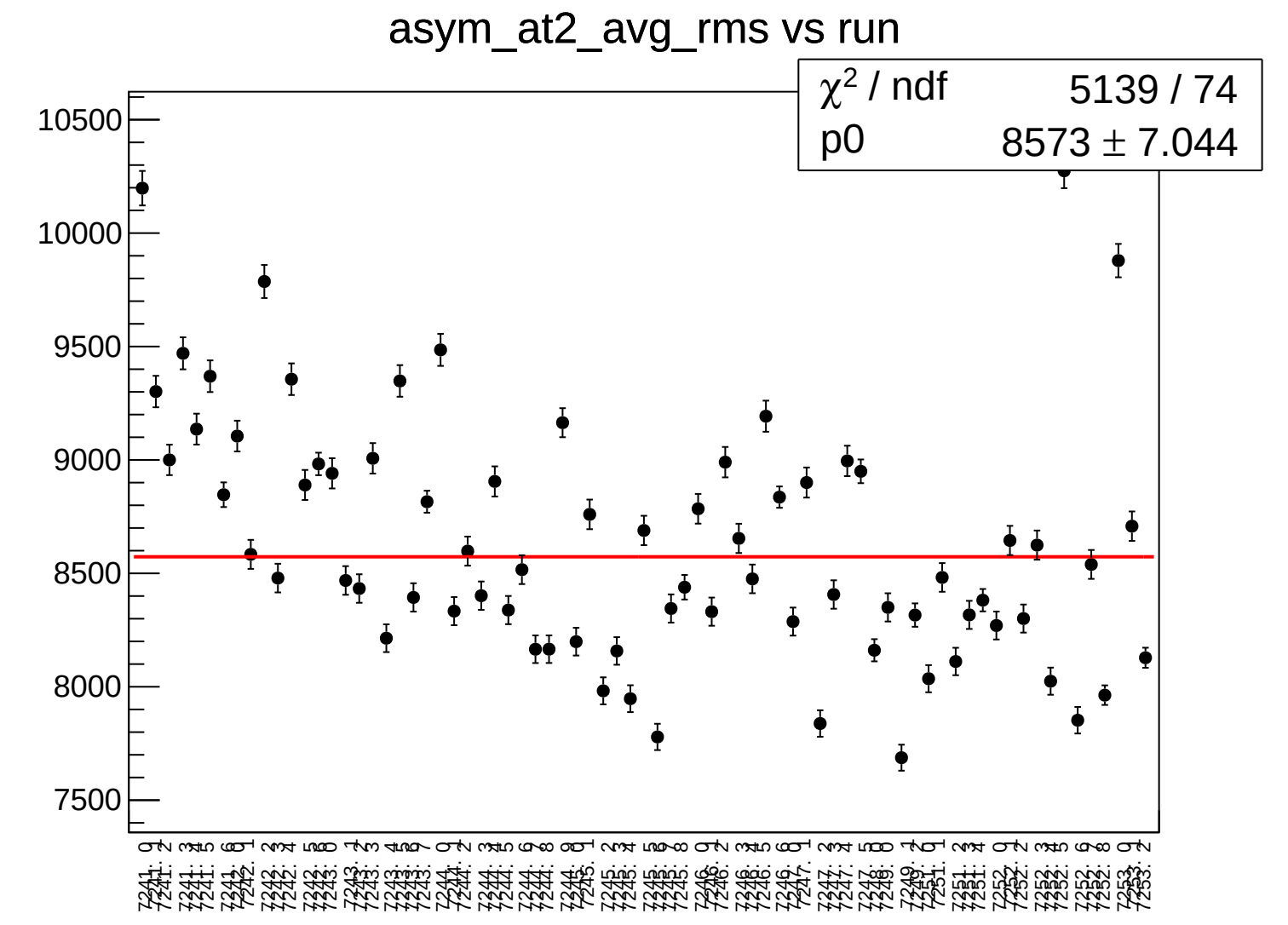

asym_at2_avg_correction_mean vs run
×10^3
χ² / ndf 92.49 / 74
p0 −182 ± 9761
pull
Entries 75
Mean −292.1
Std Dev 327.4

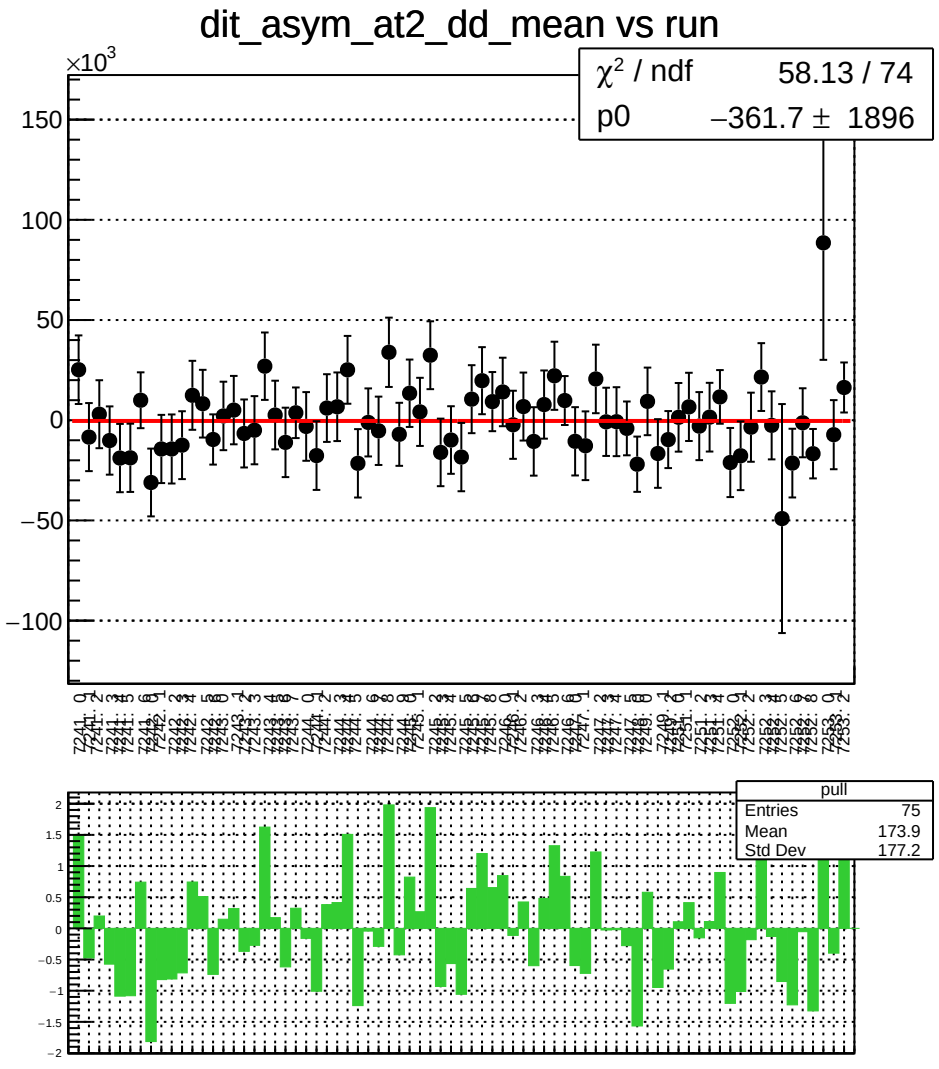

pull1D
Entries 75
Mean 0.01278
Std Dev 1.11

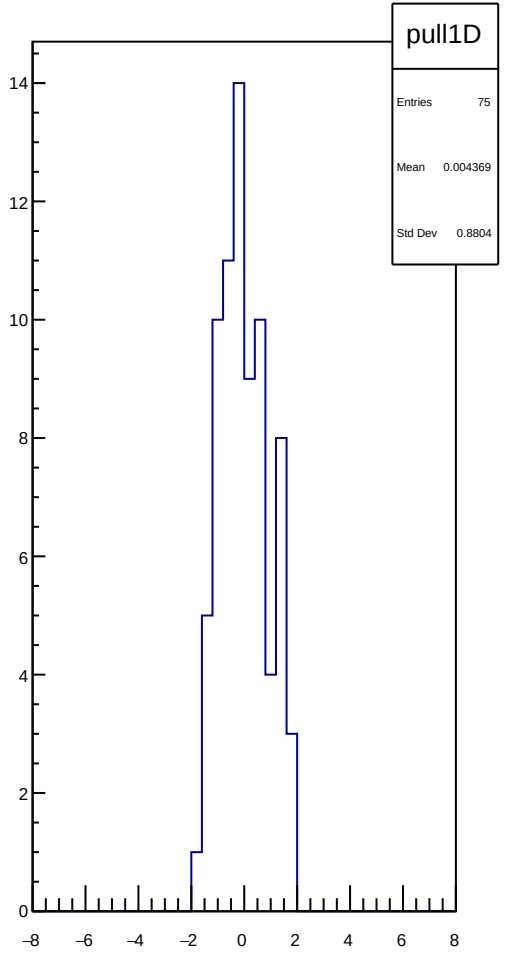

asym_at2_avg_correction_rms vs run
χ² / ndf 4328 / 74
p0 8403 ± 6.902
10000
9500
9000
8500
8000
7500

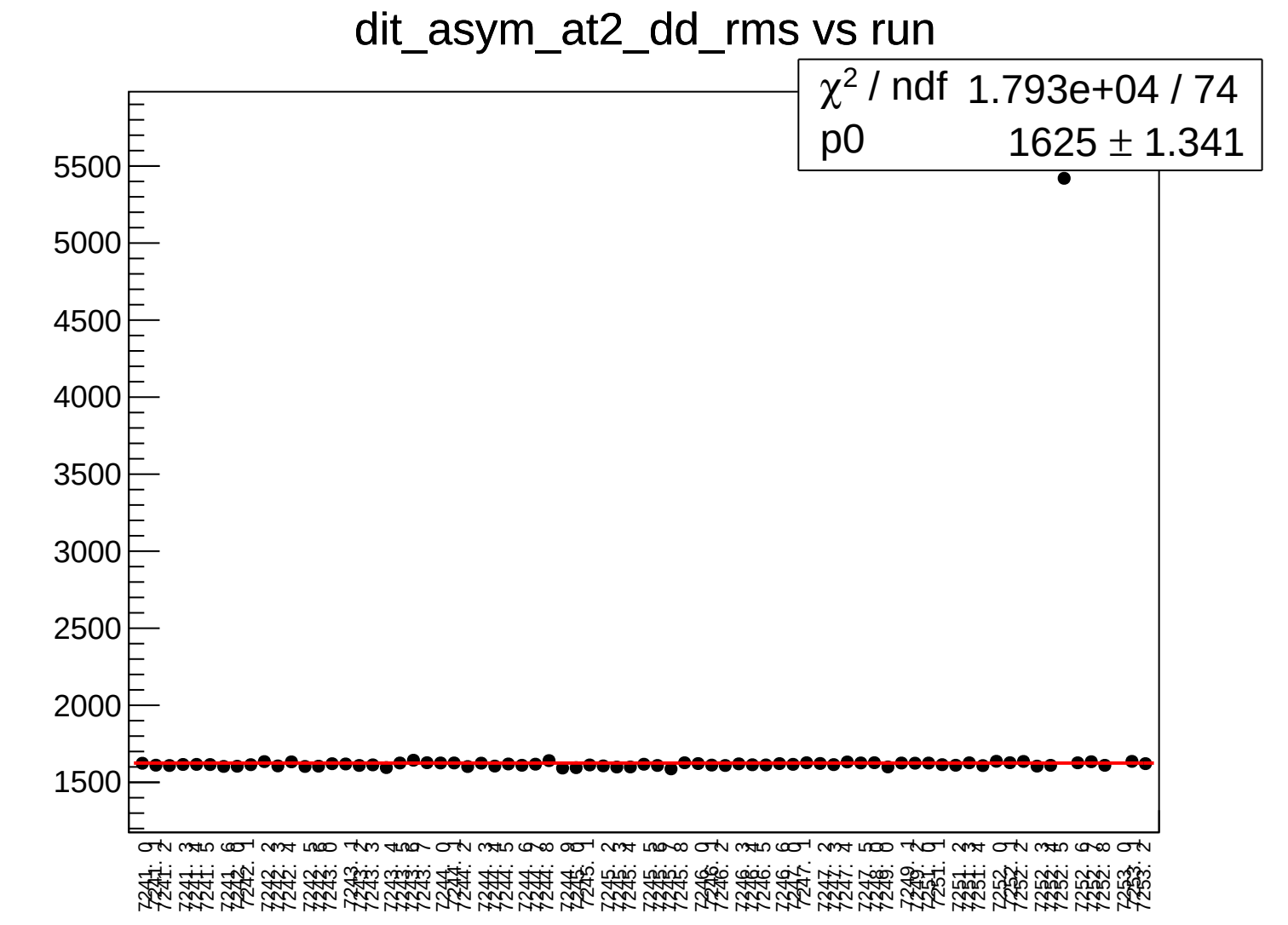

asym_at2_avg_mean vs run
×10^3
χ^2 / ndf 88.93 / 74
p0 1168 ± 9961
300
200
100
0
−100
−200
−300
pull
Entries 75
Mean −207.7
Std Dev 243
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

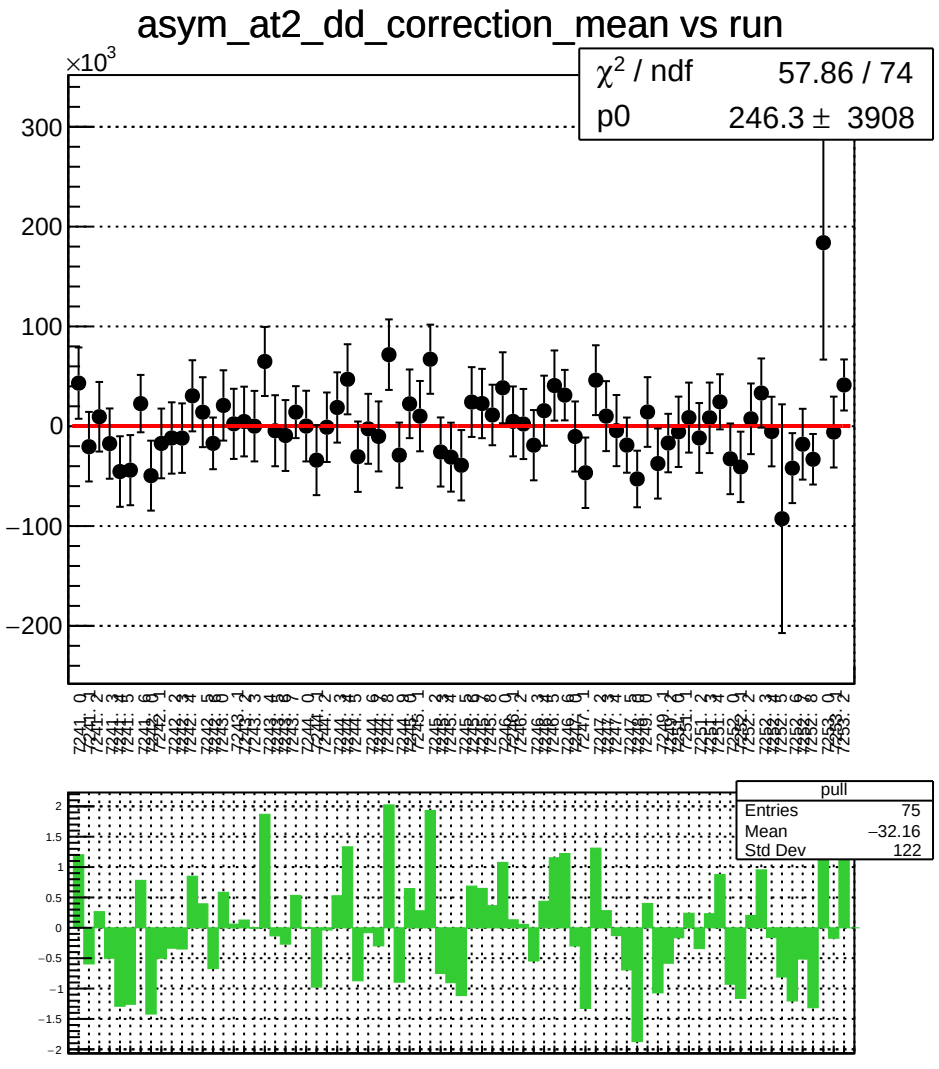

pull1D
Entries 75
Mean −0.01811
Std Dev 1.089
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

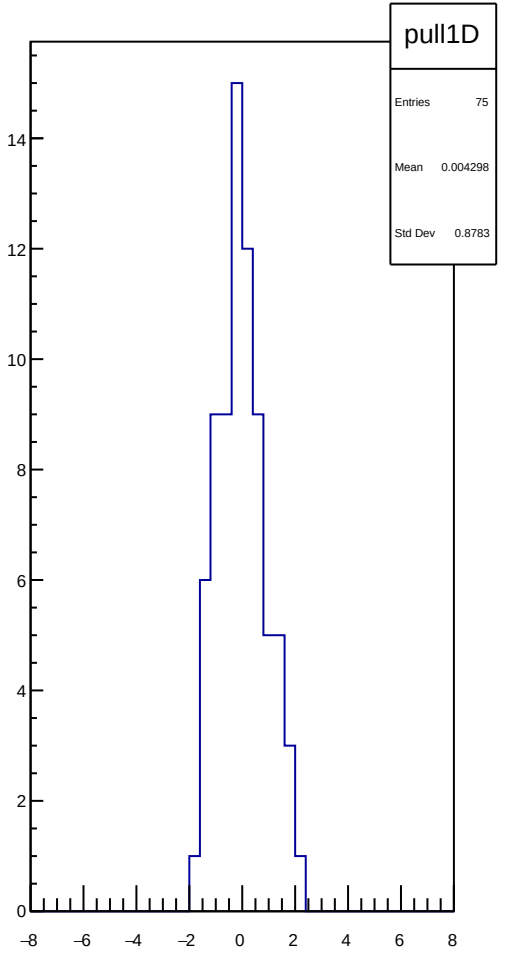

asym_at2_avg_rms vs run
χ^2 / ndf 5139 / 74
p0 8573 ± 7.044
10500
10000
9500
9000
8500
8000
7500

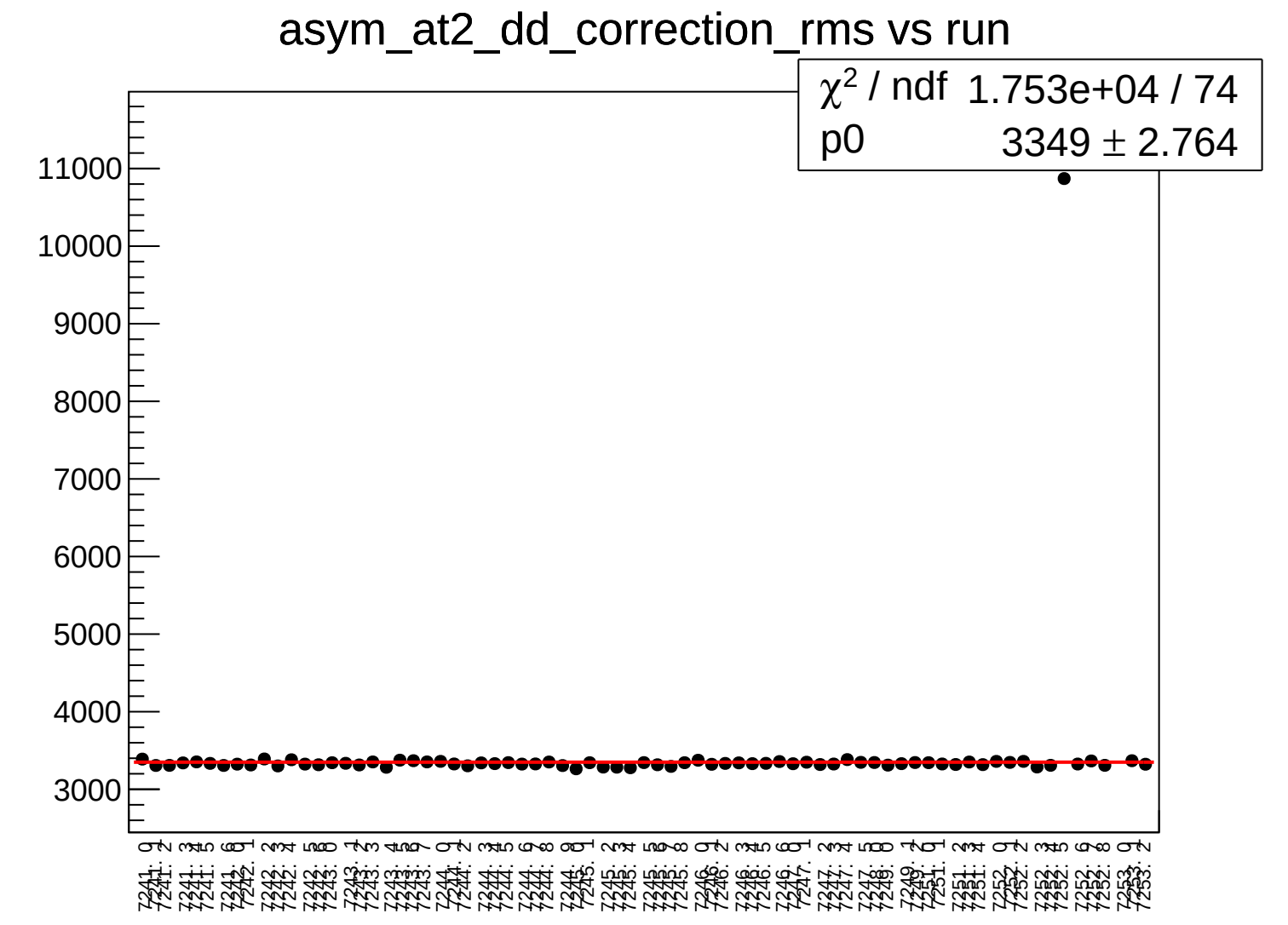

dit_asym_at2_dd_mean vs run
×10^3
χ² / ndf 58.13 / 74
p0 −361.7 ± 1896
150
100
50
0
−50
−100
pull
Entries 75
Mean 173.9
Std Dev 177.2
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

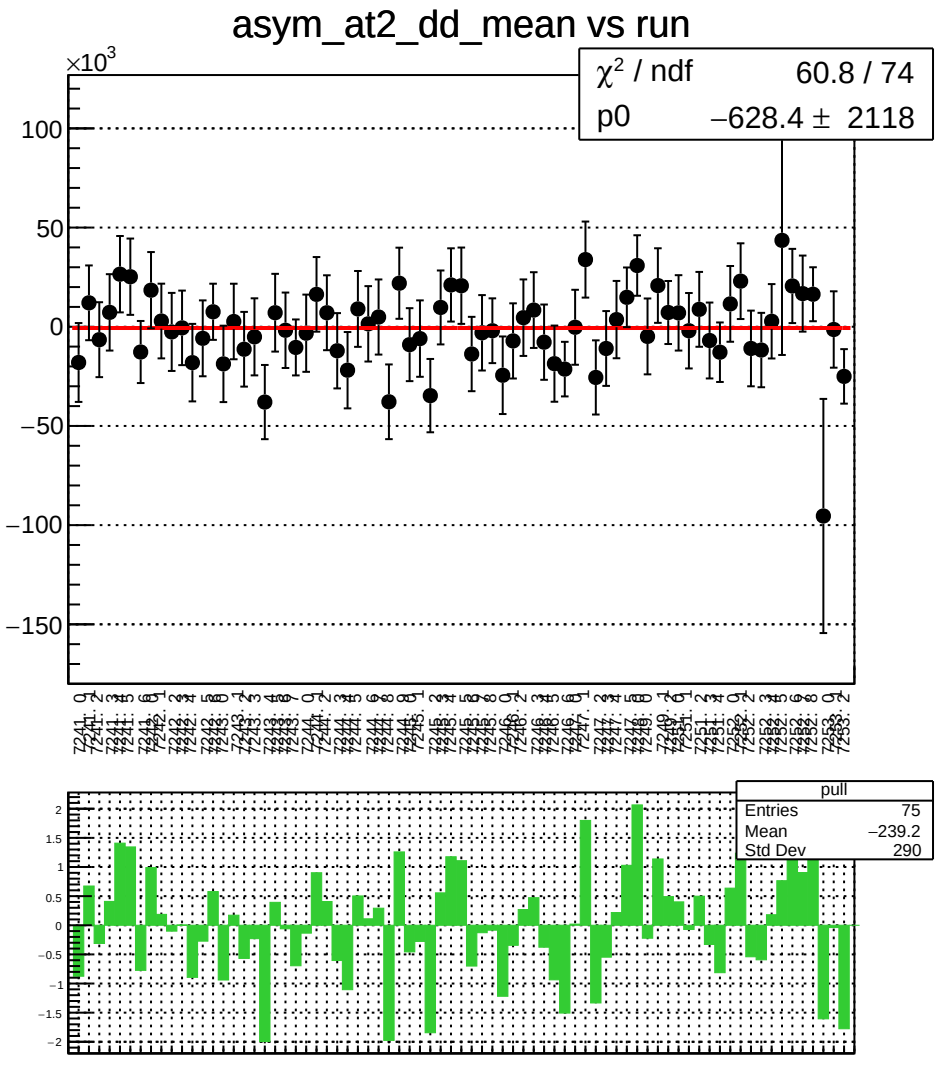

pull1D
Entries 75
Mean 0.004369
Std Dev 0.8804
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

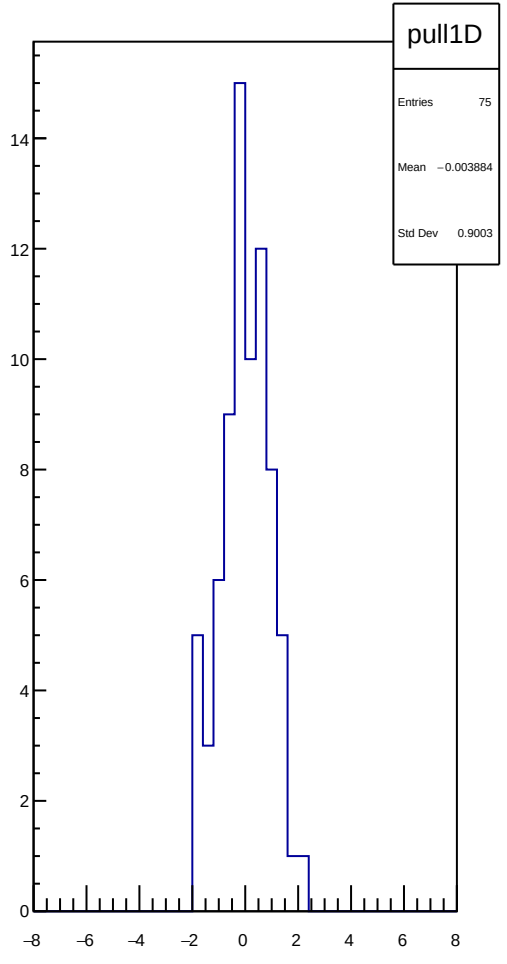

dit_asym_at2_dd_rms vs run
χ² / ndf 1.793e+04 / 74
p0 1625 ± 1.341
5500
5000
4500
4000
3500
3000
2500
2000
1500

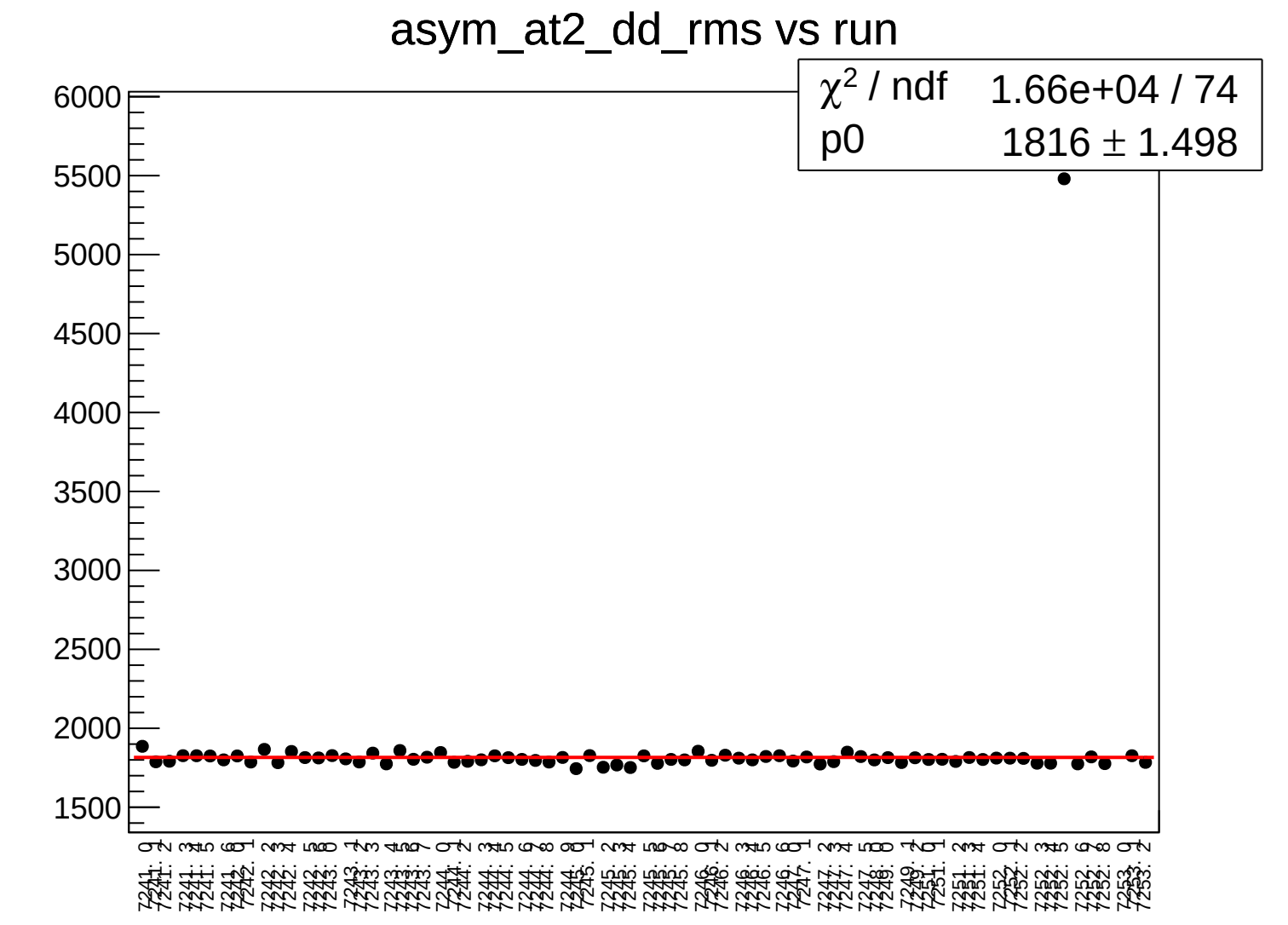

asym_at2_dd_correction_mean vs run
×10^3
χ² / ndf 57.86 / 74
p0 246.3 ± 3908
300
200
100
0
−100
−200
pull
Entries 75
Mean −32.16
Std Dev 122
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

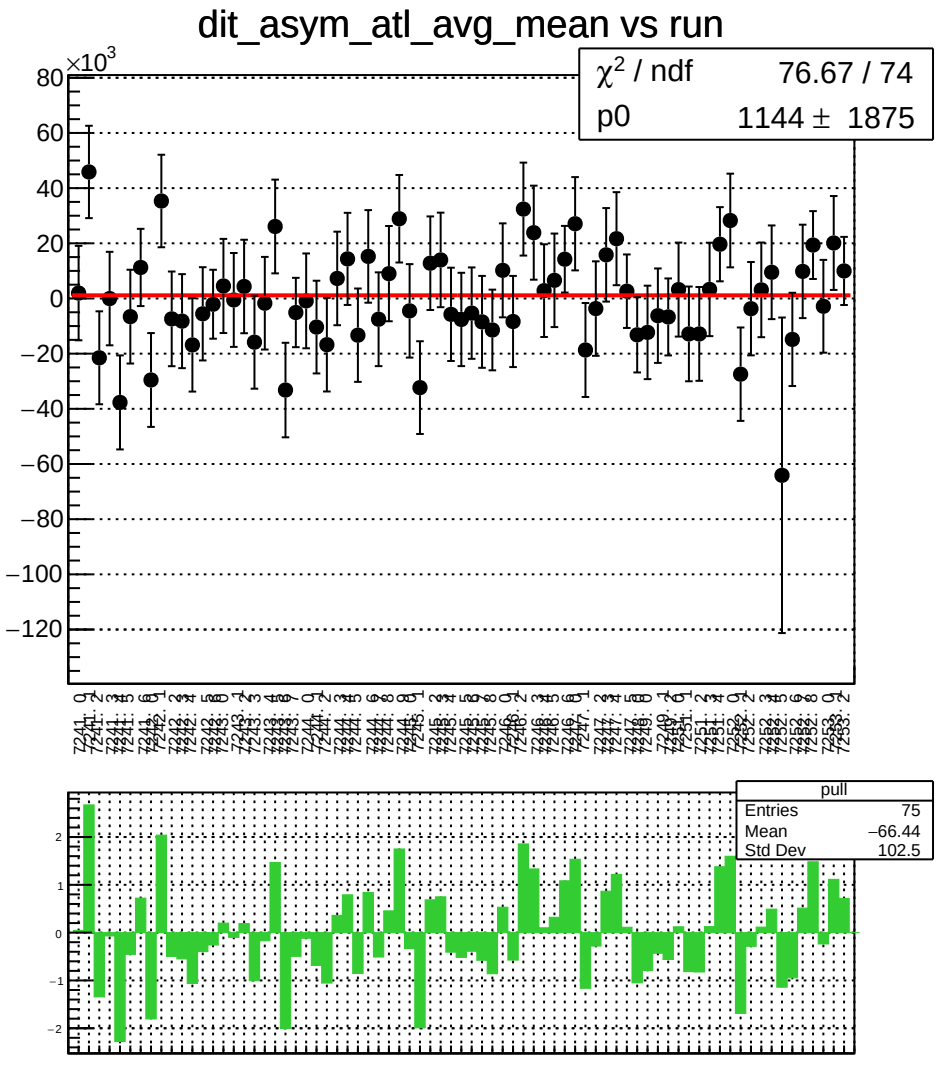

pull1D
Entries 75
Mean 0.004298
Std Dev 0.8783
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

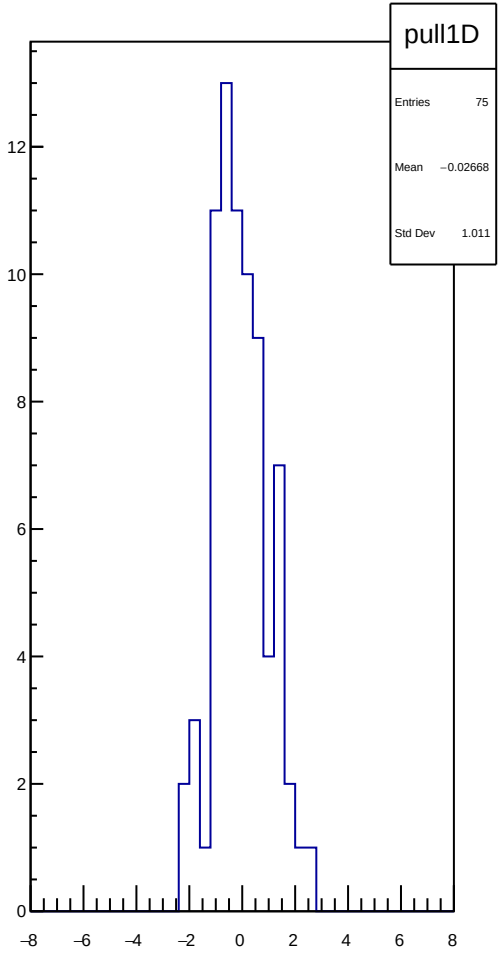

asym_at2_dd_correction_rms vs run
χ² / ndf 1.753e+04 / 74
p0 3349 ± 2.764
11000
10000
9000
8000
7000
6000
5000
4000
3000

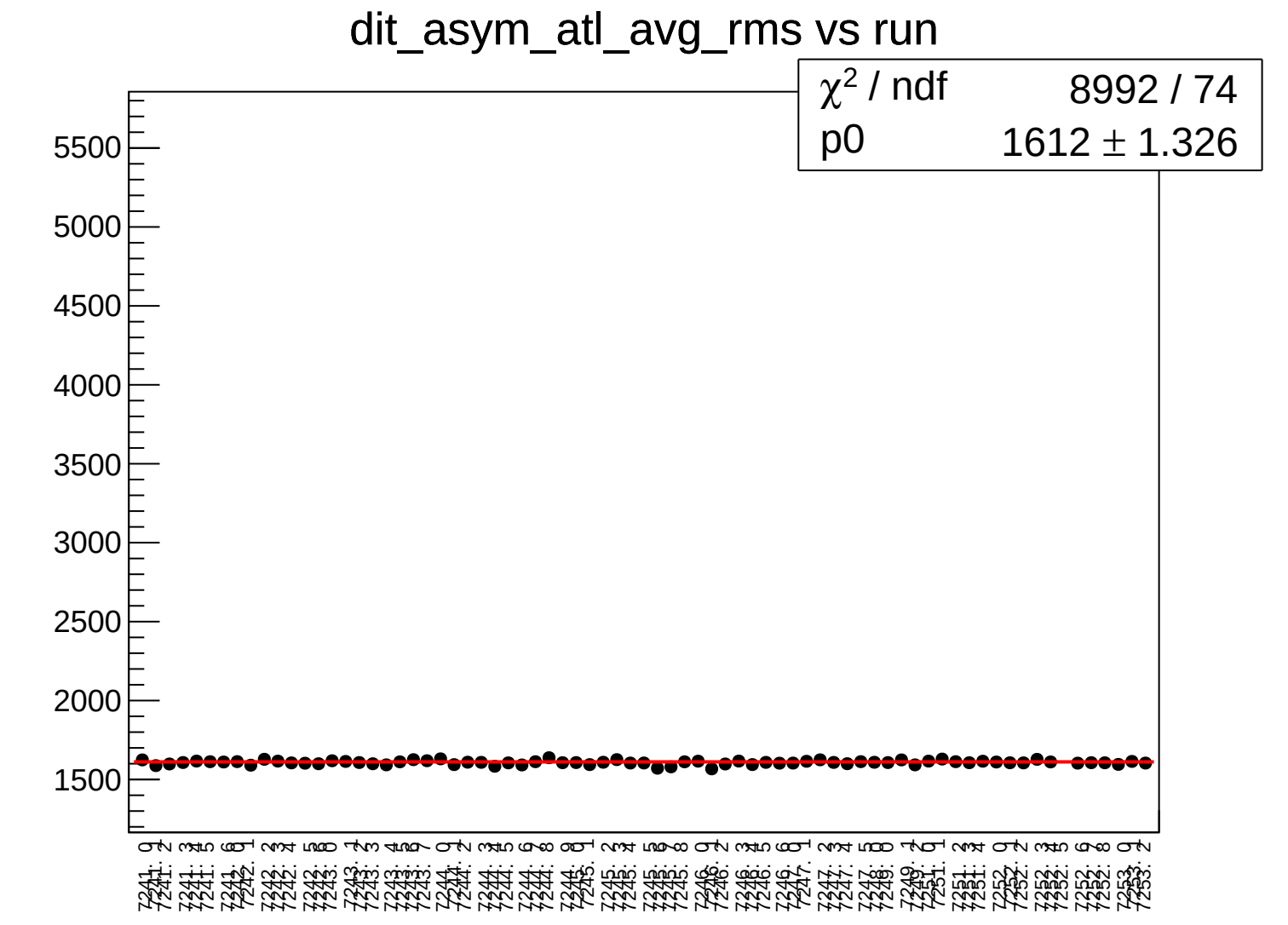

asym_at2_dd_mean vs run
×10^3
χ² / ndf 60.8 / 74
p0 −628.4 ± 2118
100
50
0
−50
−100
−150
pull
Entries 75
Mean −239.2
Std Dev 290
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

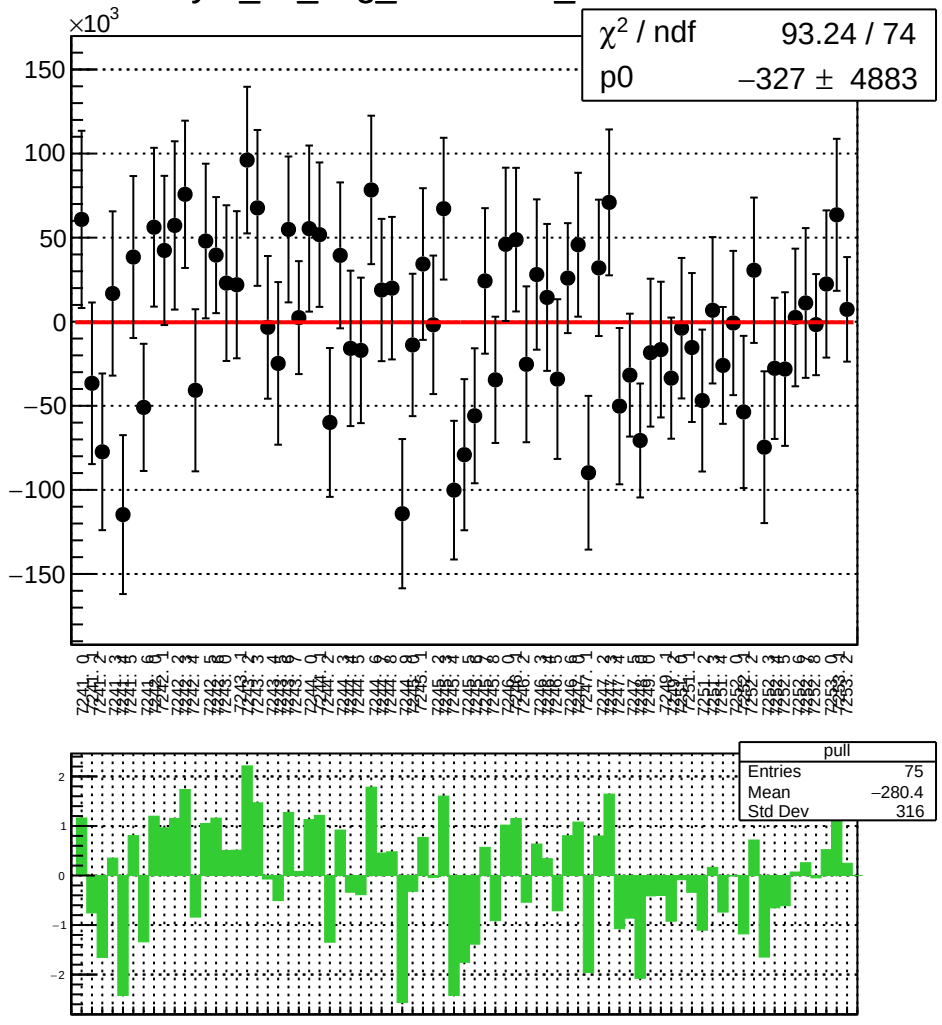

pull1D
Entries 75
Mean −0.003884
Std Dev 0.9003
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

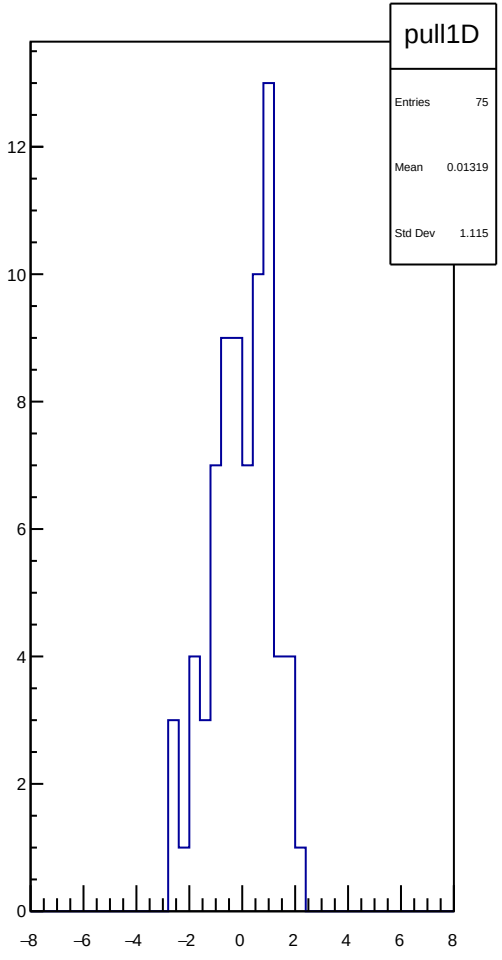

asym_at2_dd_rms vs run
χ^2 / ndf 1.66e+04 / 74
p0 1816 ± 1.498
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

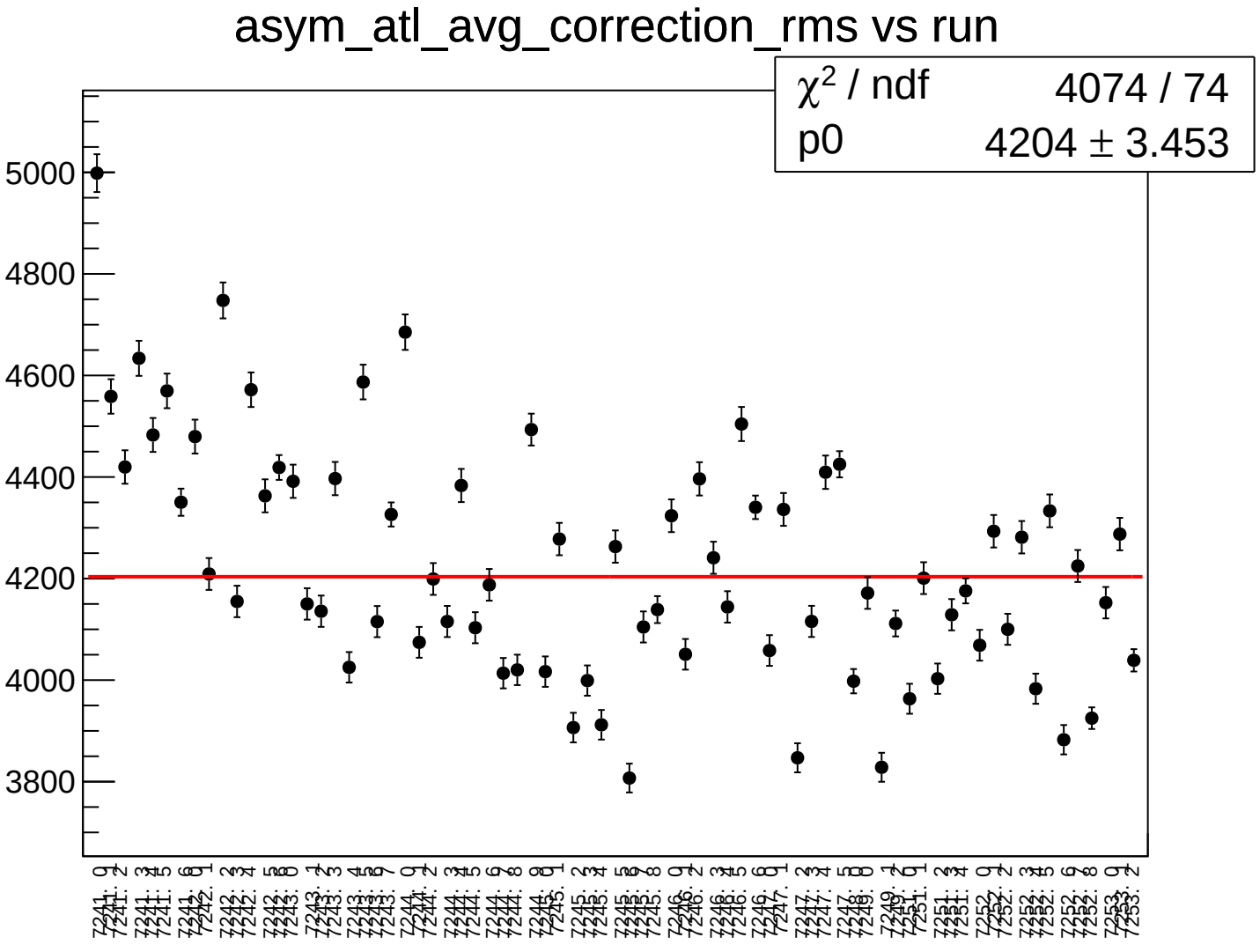

dit_asym_atl_avg_mean vs run
χ² / ndf 76.67 / 74
p0 1144 ± 1875
×10³
pull
Entries 75
Mean −66.44
Std Dev 102.5

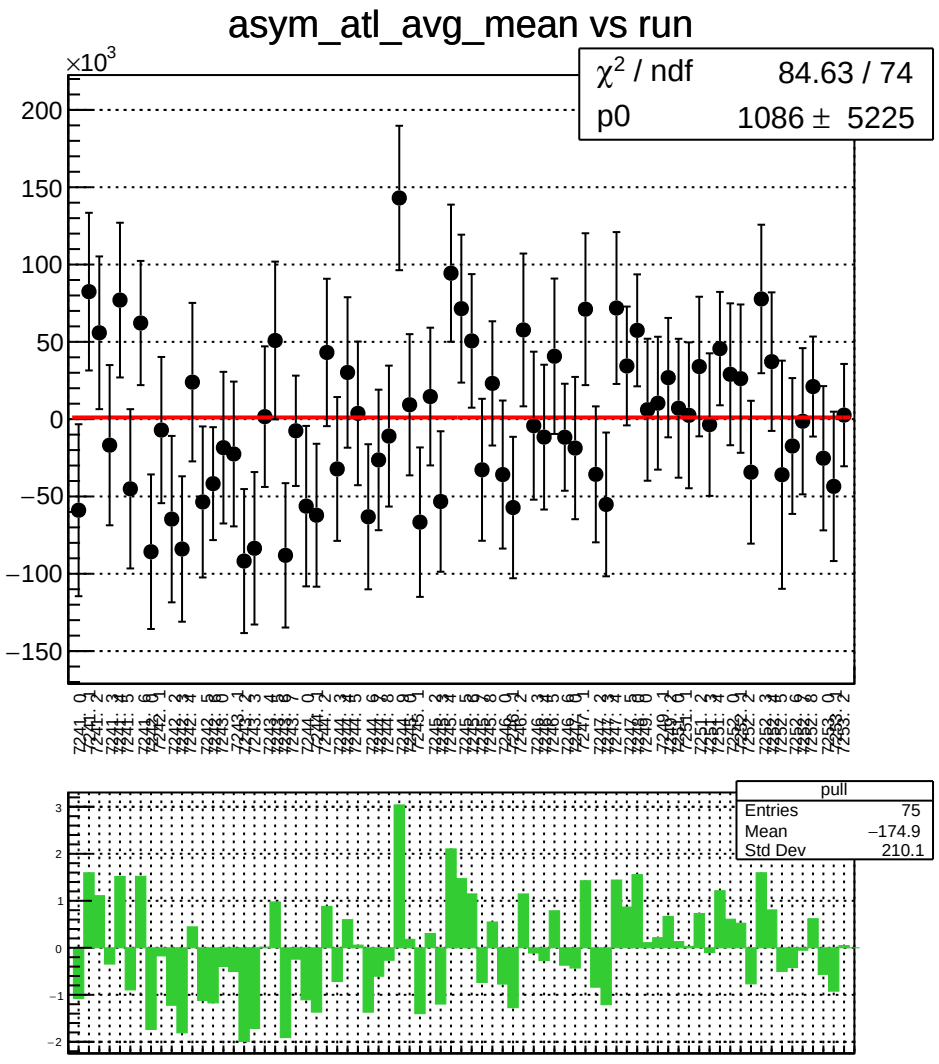

pull1D
Entries 75
Mean −0.02668
Std Dev 1.011

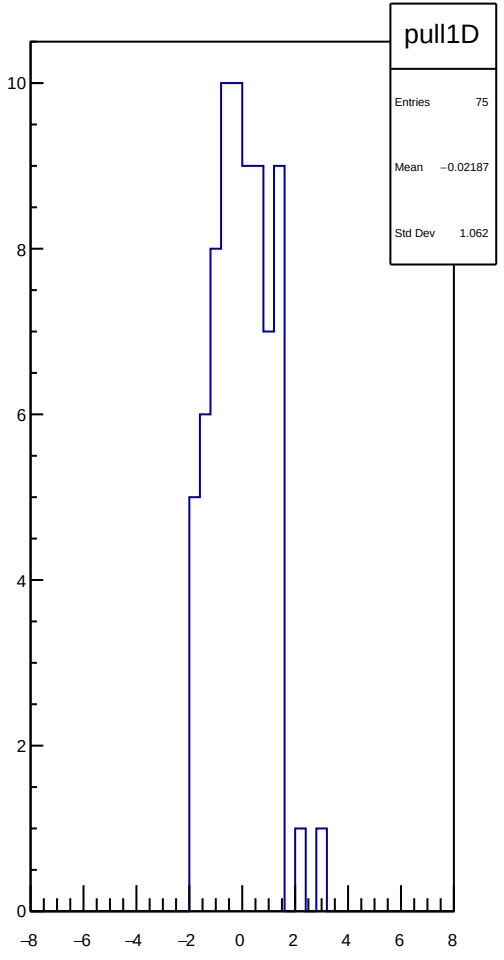

dit_asym_atl_avg_rms vs run
χ² / ndf 8992 / 74
p0 1612 ± 1.326
5500
5000
4500
4000
3500
3000
2500
2000
1500

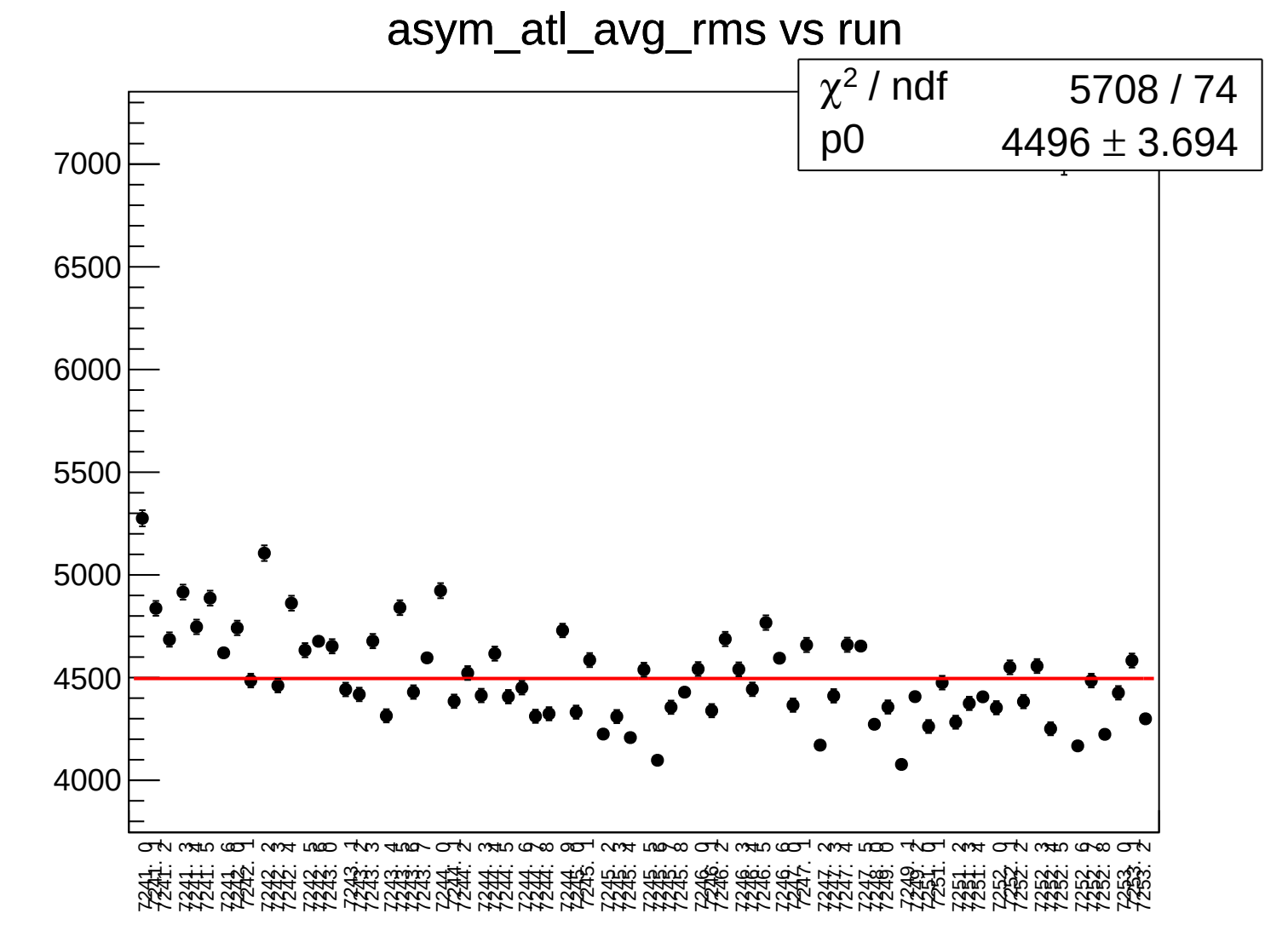

asym_atl_avg_correction_mean vs run
×10^3
χ² / ndf 93.24 / 74
p0 −327 ± 4883
150
100
50
0
−50
−100
−150
pull
Entries 75
Mean −280.4
Std Dev 316
2
1
0
−1
−2

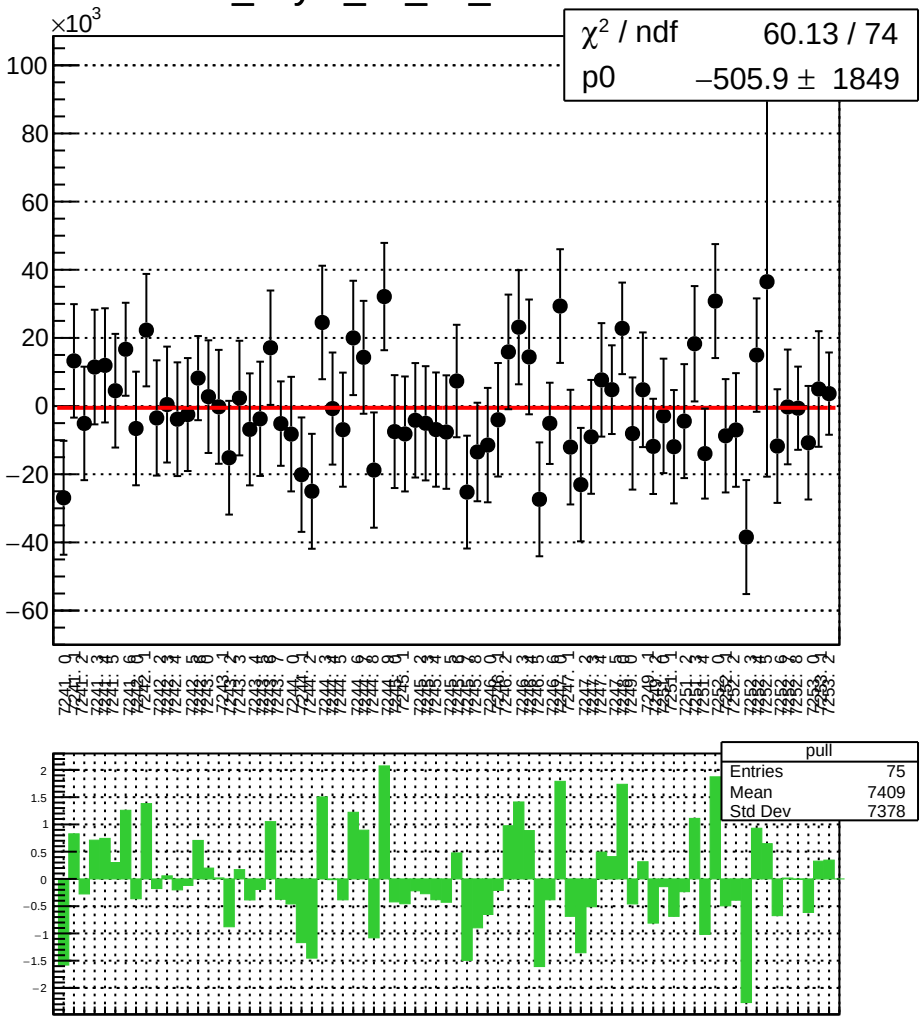

pull1D
Entries 75
Mean 0.01319
Std Dev 1.115
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

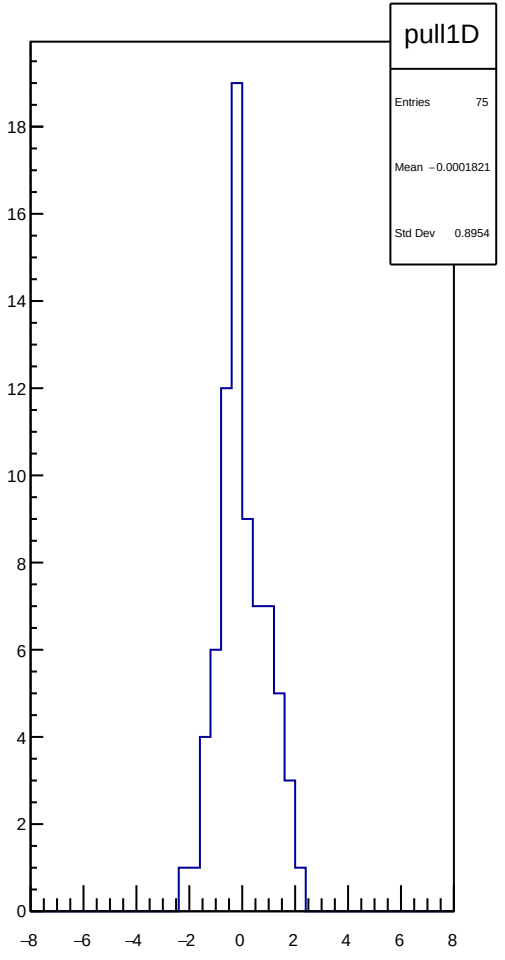

asym_atl_avg_correction_rms vs run
χ² / ndf 4074 / 74
p0 4204 ± 3.453
5000
4800
4600
4400
4200
4000
3800

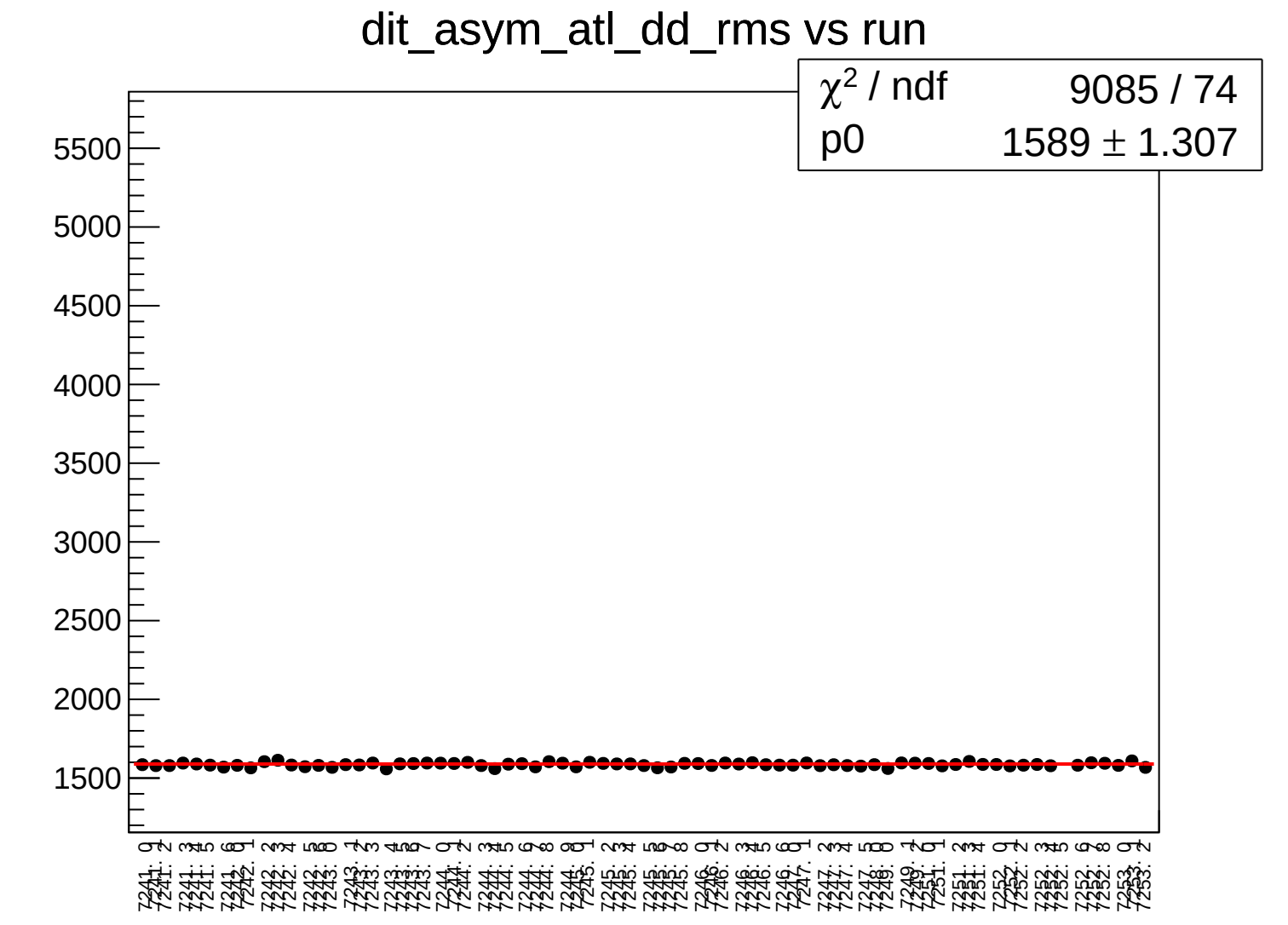

asym_atl_avg_mean vs run
×10^3
χ² / ndf 84.63 / 74
p0 1086 ± 5225
200
150
100
50
0
−50
−100
−150
pull
Entries 75
Mean −174.9
Std Dev 210.1
3
2
1
0
−1
−2

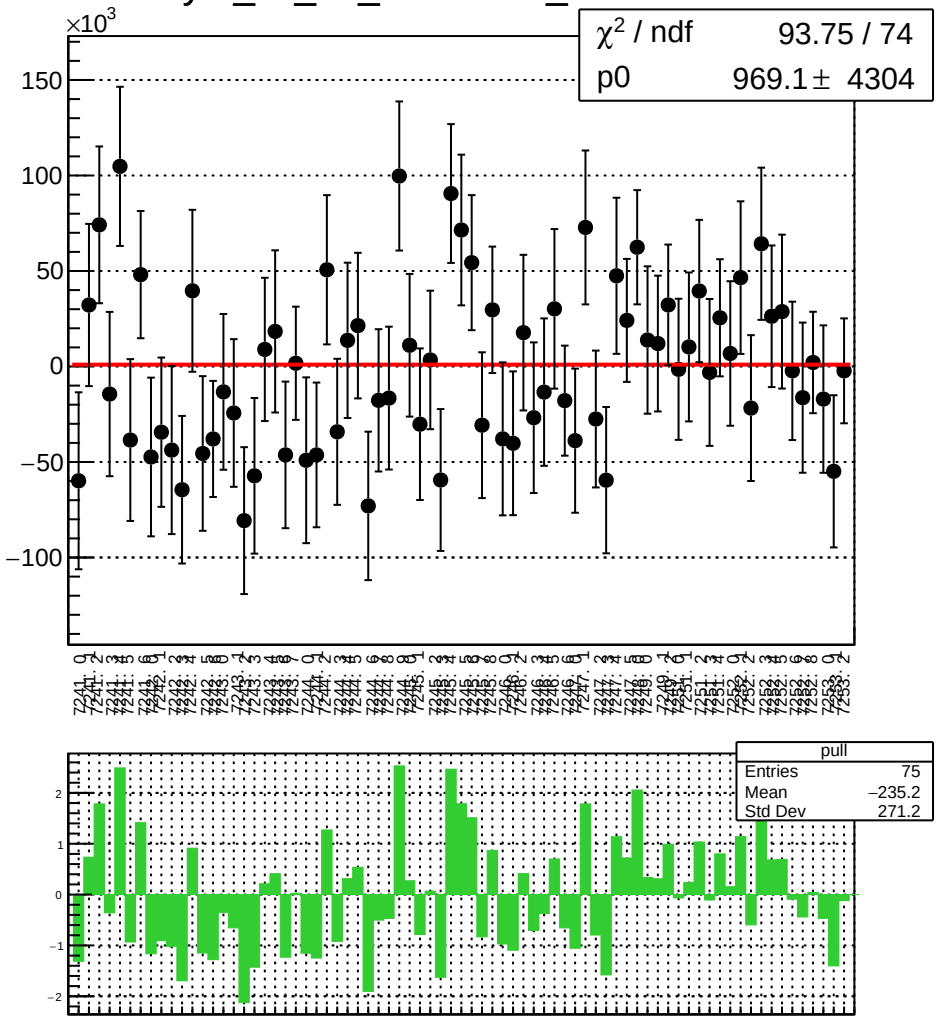

pull1D
Entries 75
Mean −0.02187
Std Dev 1.062
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

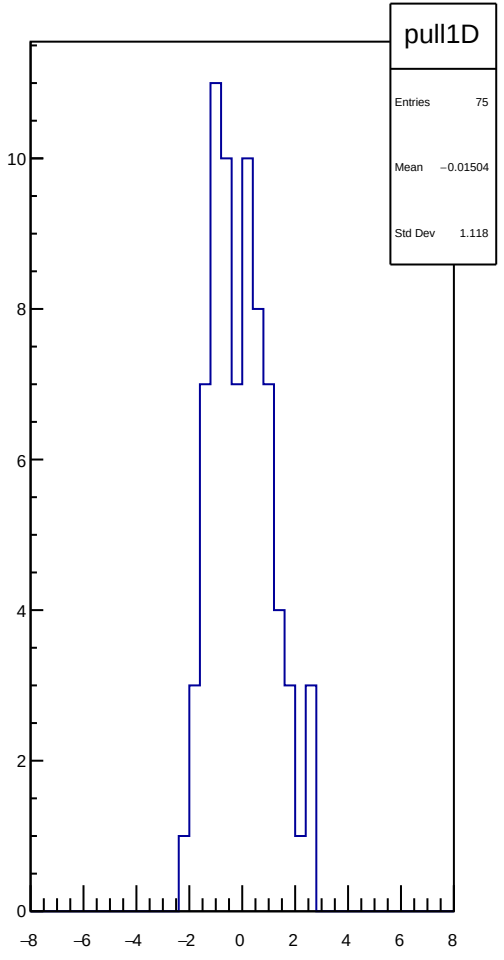

asym_atl_avg_rms vs run
χ² / ndf 5708 / 74
p0 4496 ± 3.694
7000
6500
6000
5500
5000
4500
4000

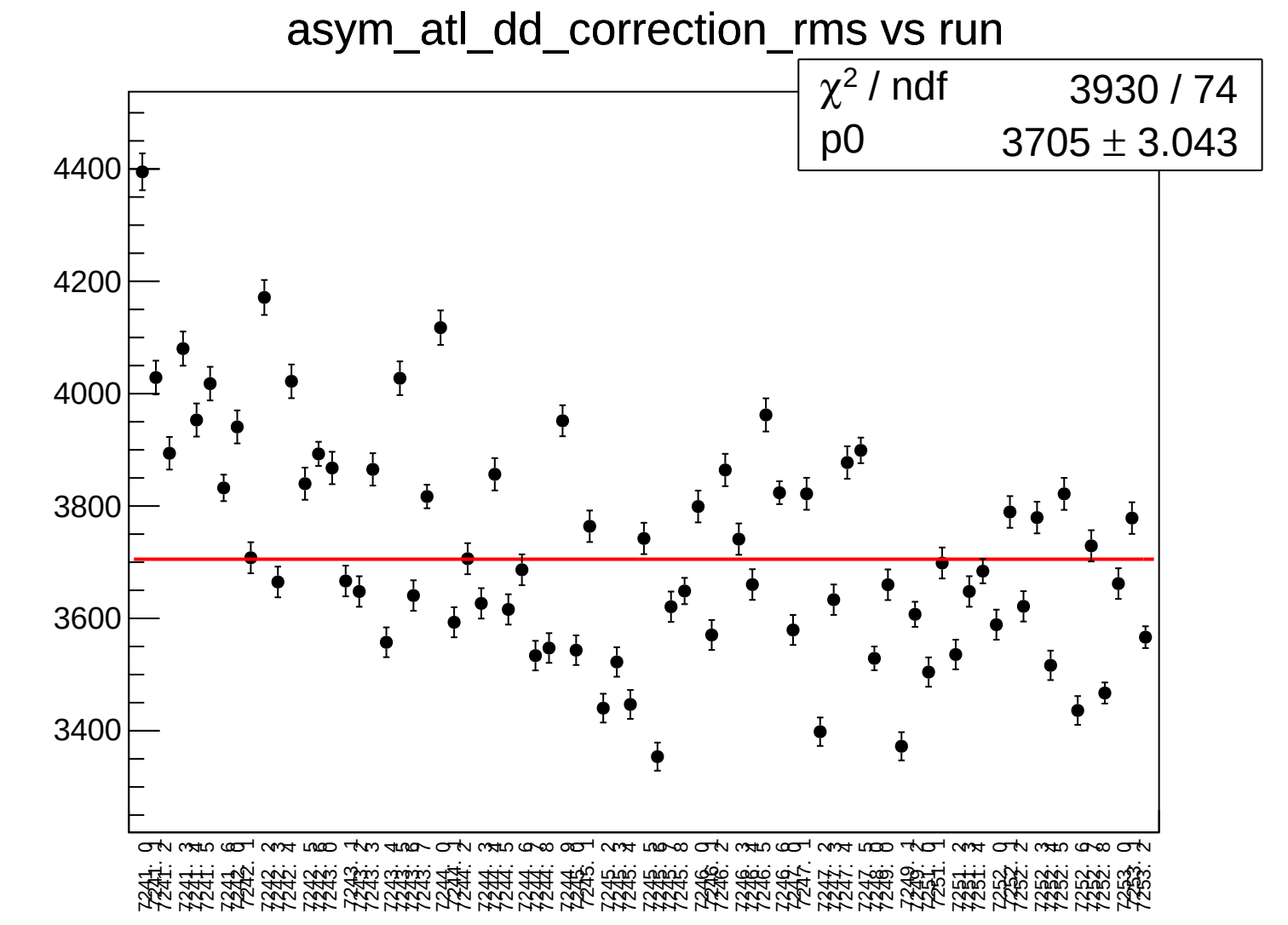

dit_asym_atl_dd_mean vs run
×10^3
χ² / ndf 60.13 / 74
p0 −505.9 ± 1849
pull
Entries 75
Mean 7409
Std Dev 7378

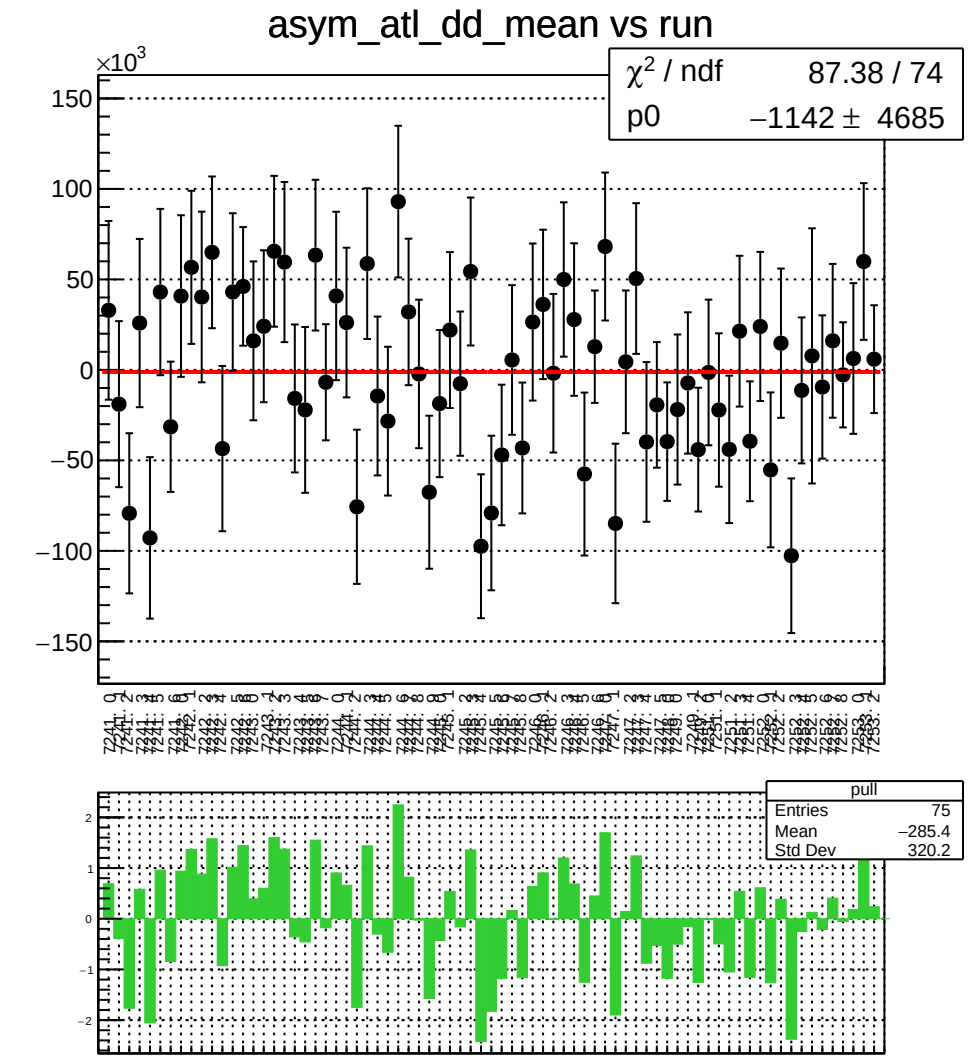

pull1D
Entries 75
Mean −0.0001821
Std Dev 0.8954

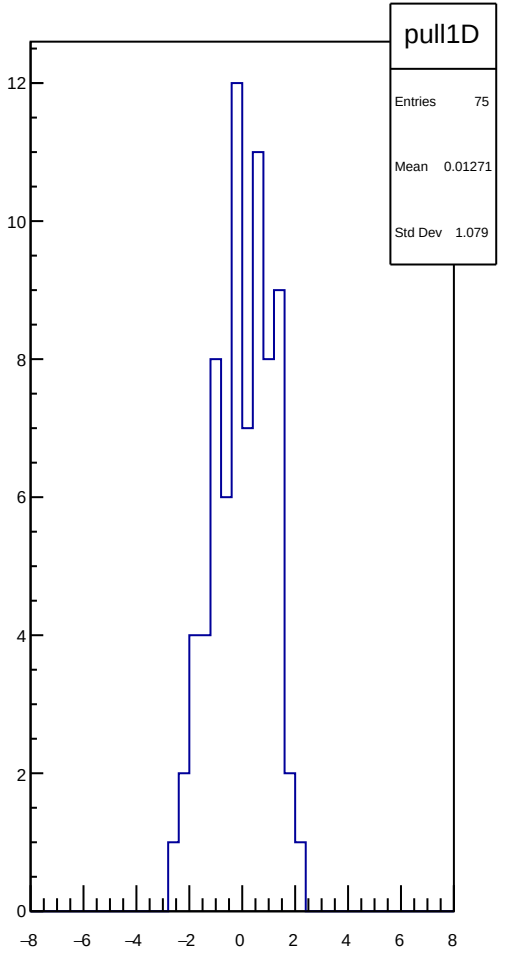

dit_asym_atl_dd_rms vs run
χ^2 / ndf 9085 / 74
p0 1589 ± 1.307
5500
5000
4500
4000
3500
3000
2500
2000
1500

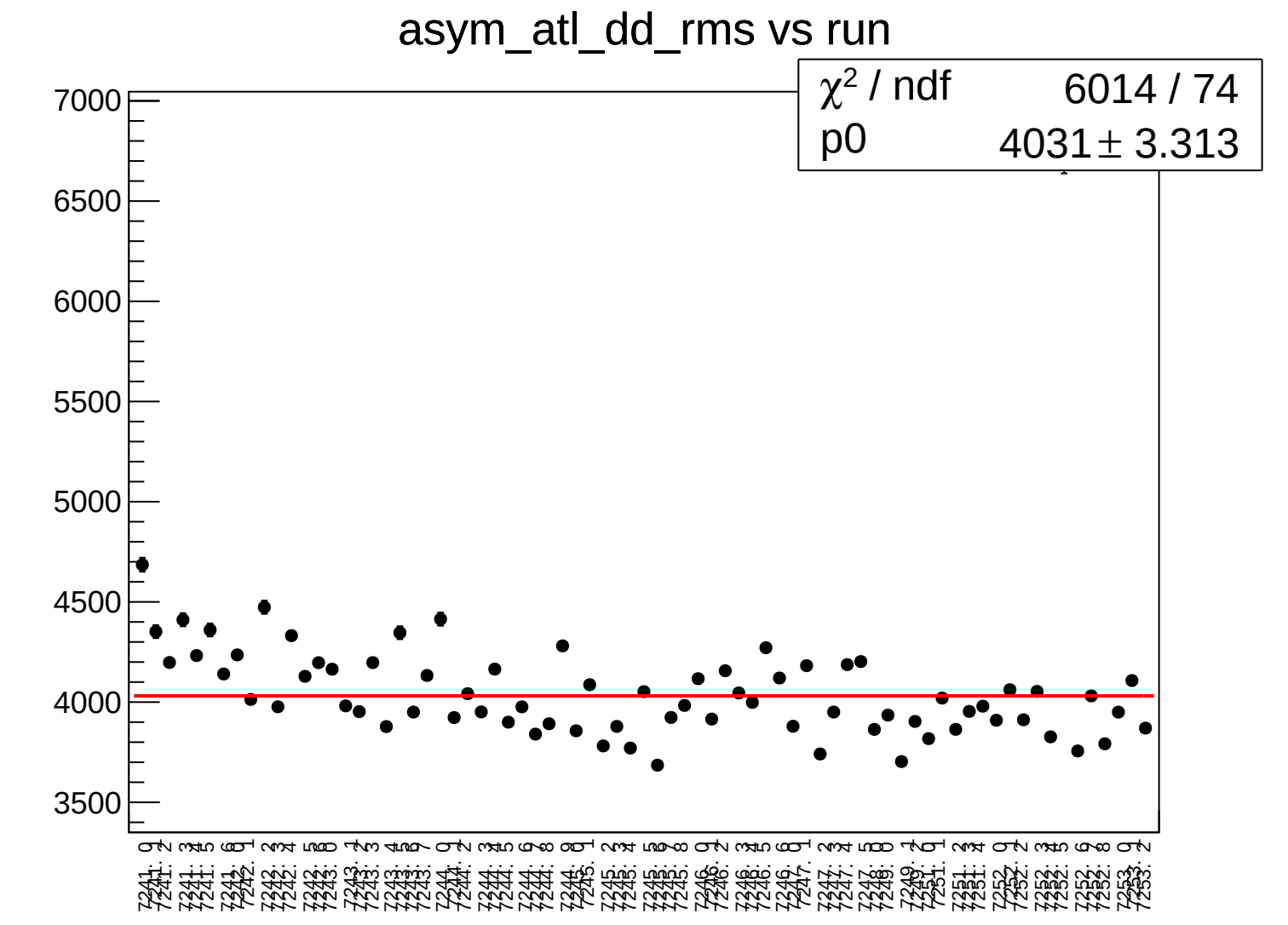

asym_atl_dd_correction_mean vs run
×10^3
χ² / ndf 93.75 / 74
p0 969.1 ± 4304
150
100
50
0
−50
−100
pull
Entries 75
Mean −235.2
Std Dev 271.2
2
1
0
−1
−2

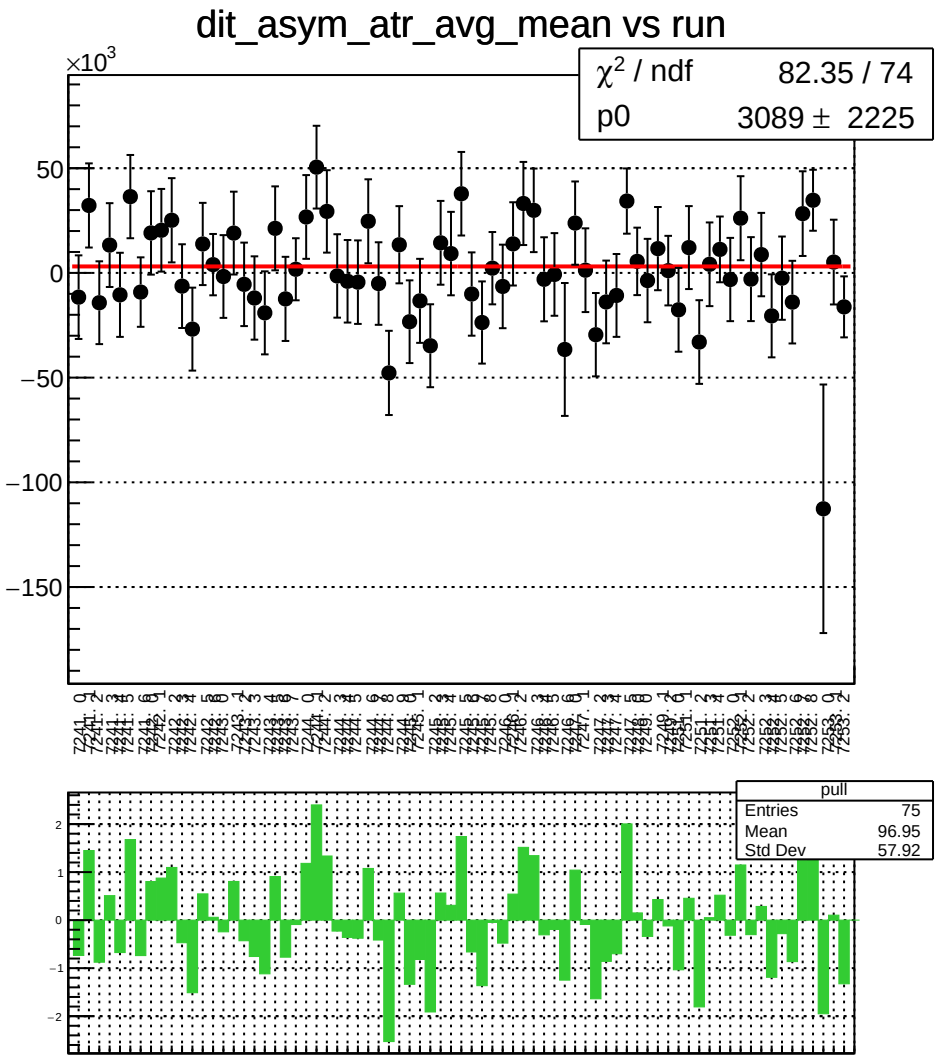

pull1D
Entries 75
Mean −0.01504
Std Dev 1.118
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

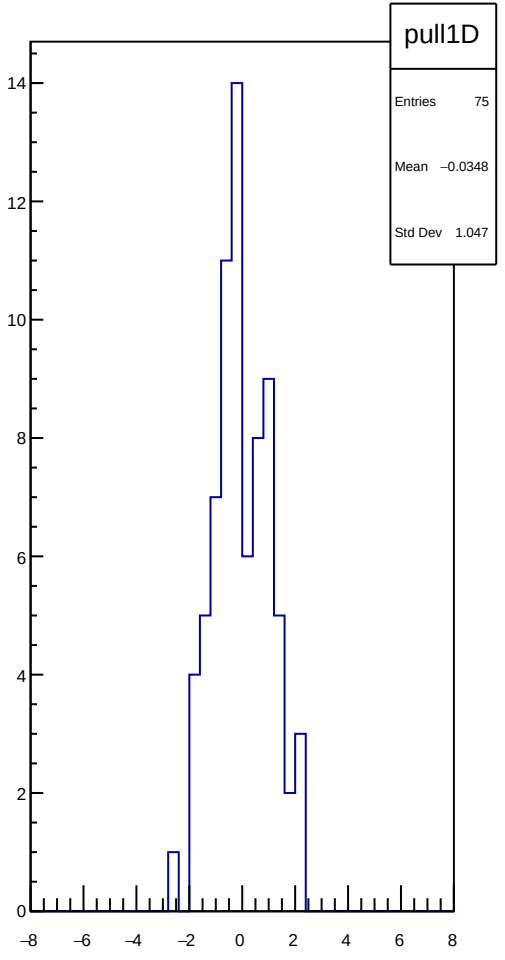

asym_atl_dd_correction_rms vs run
χ² / ndf 3930 / 74
p0 3705 ± 3.043
4400
4200
4000
3800
3600
3400

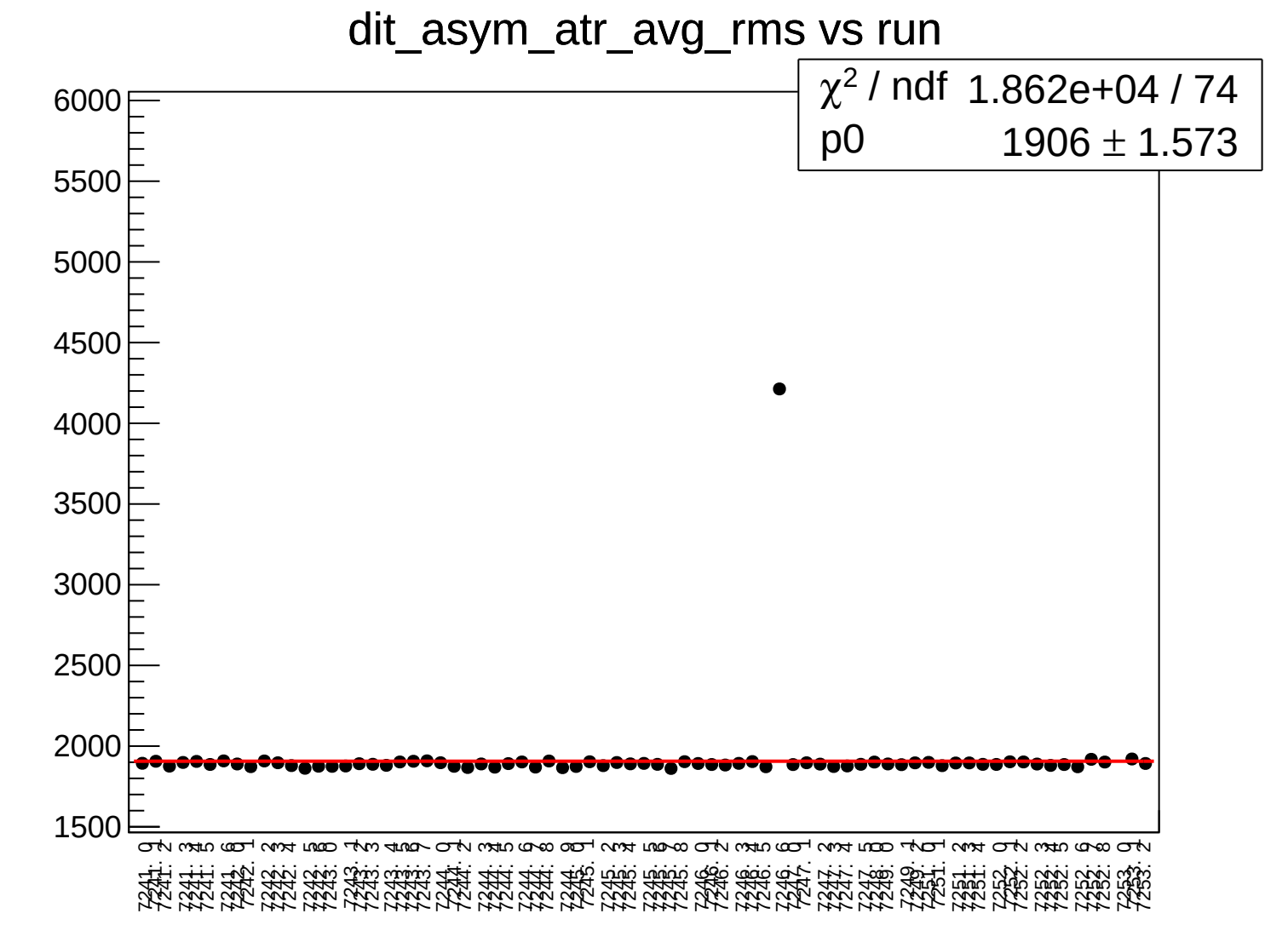

asym_atl_dd_mean vs run
×10^3
χ² / ndf 87.38 / 74
p0 −1142 ± 4685
150
100
50
0
−50
−100
−150
pull
Entries 75
Mean −285.4
Std Dev 320.2
2
1
0
−1
−2

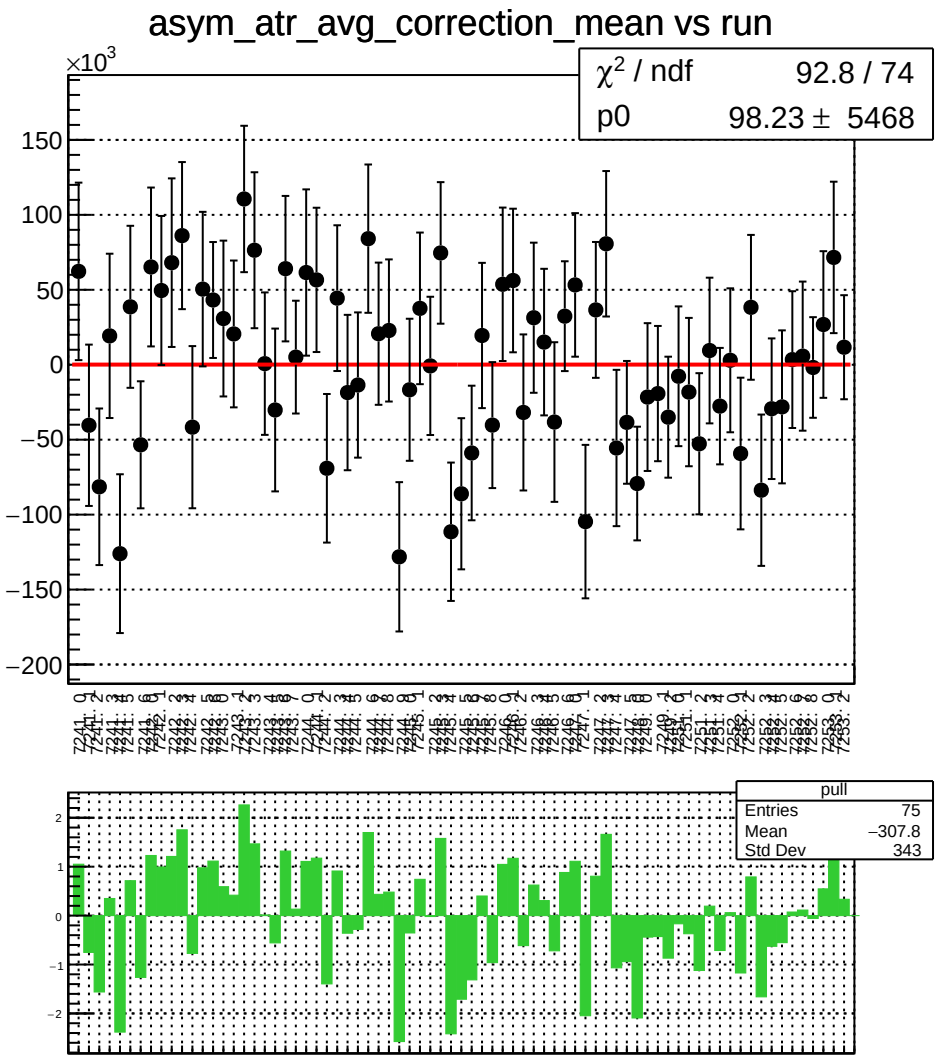

pull1D
Entries 75
Mean 0.01271
Std Dev 1.079
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

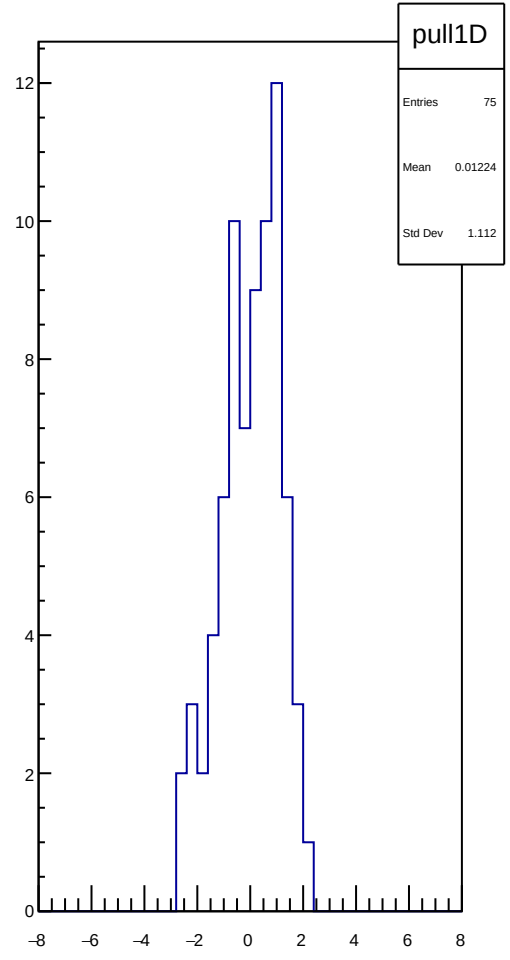

asym_atl_dd_rms vs run
χ² / ndf 6014 / 74
p0 4031 ± 3.313
7000
6500
6000
5500
5000
4500
4000
3500

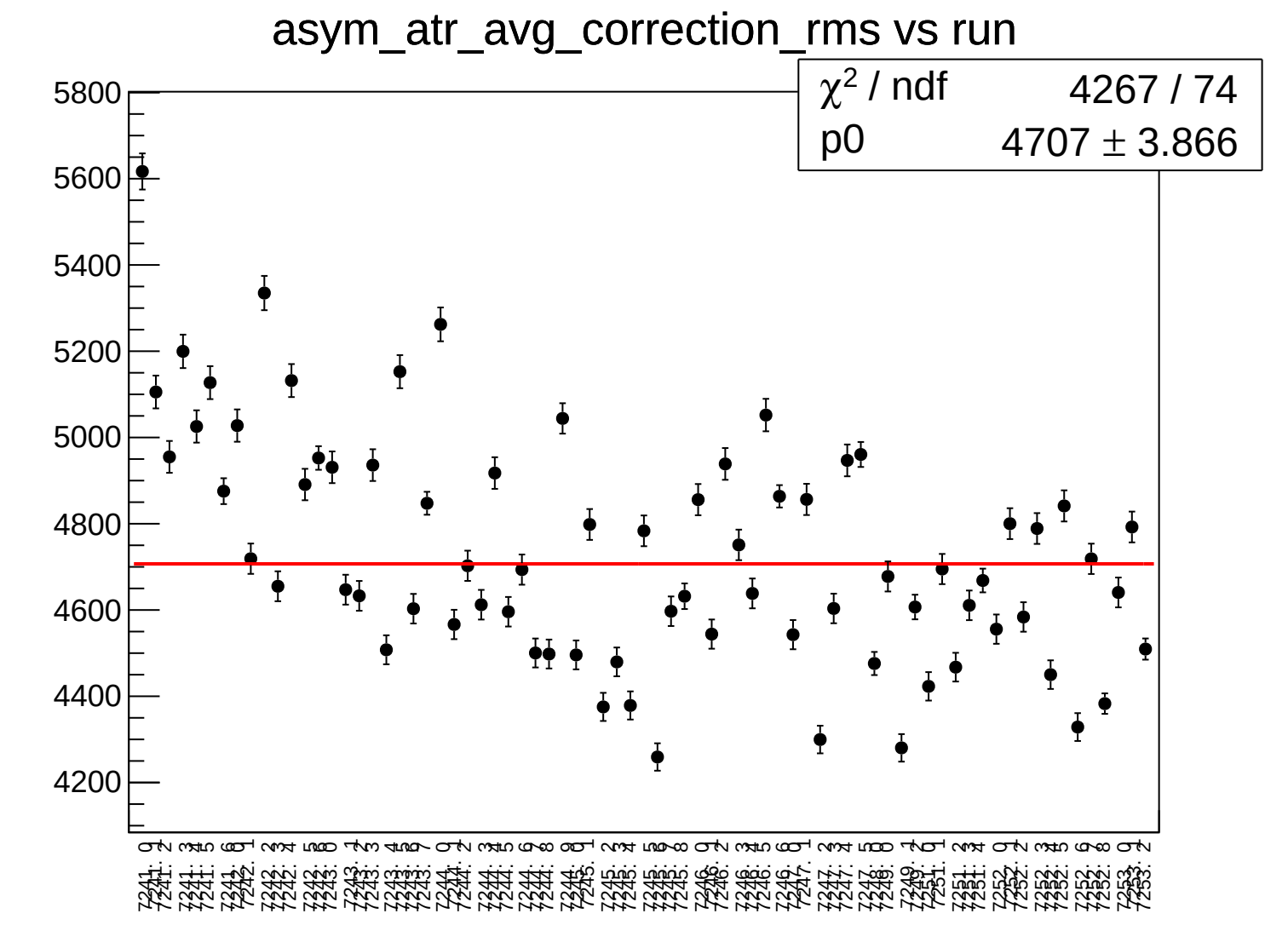

dit_asym_atr_avg_mean vs run
×10^3
χ² / ndf 82.35 / 74
p0 3089 ± 2225
50
0
−50
−100
−150
pull
Entries 75
Mean 96.95
Std Dev 57.92
2
1
0
−1
−2

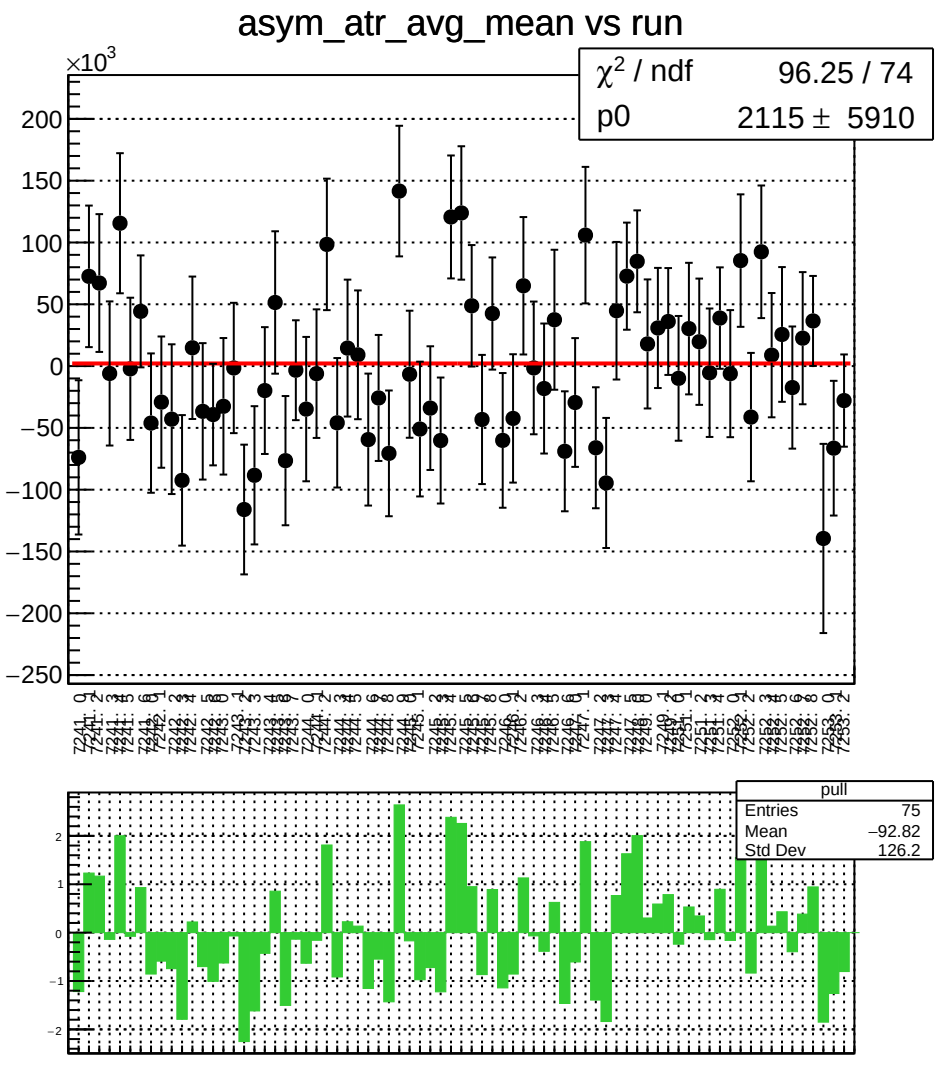

pull1D
Entries 75
Mean −0.0348
Std Dev 1.047
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

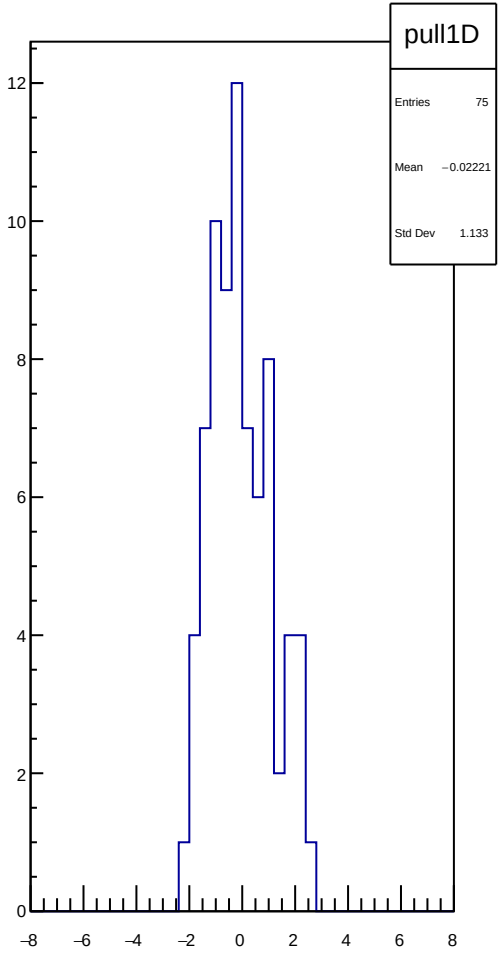

dit_asym_atr_avg_rms vs run
χ² / ndf 1.862e+04 / 74
p0 1906 ± 1.573
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

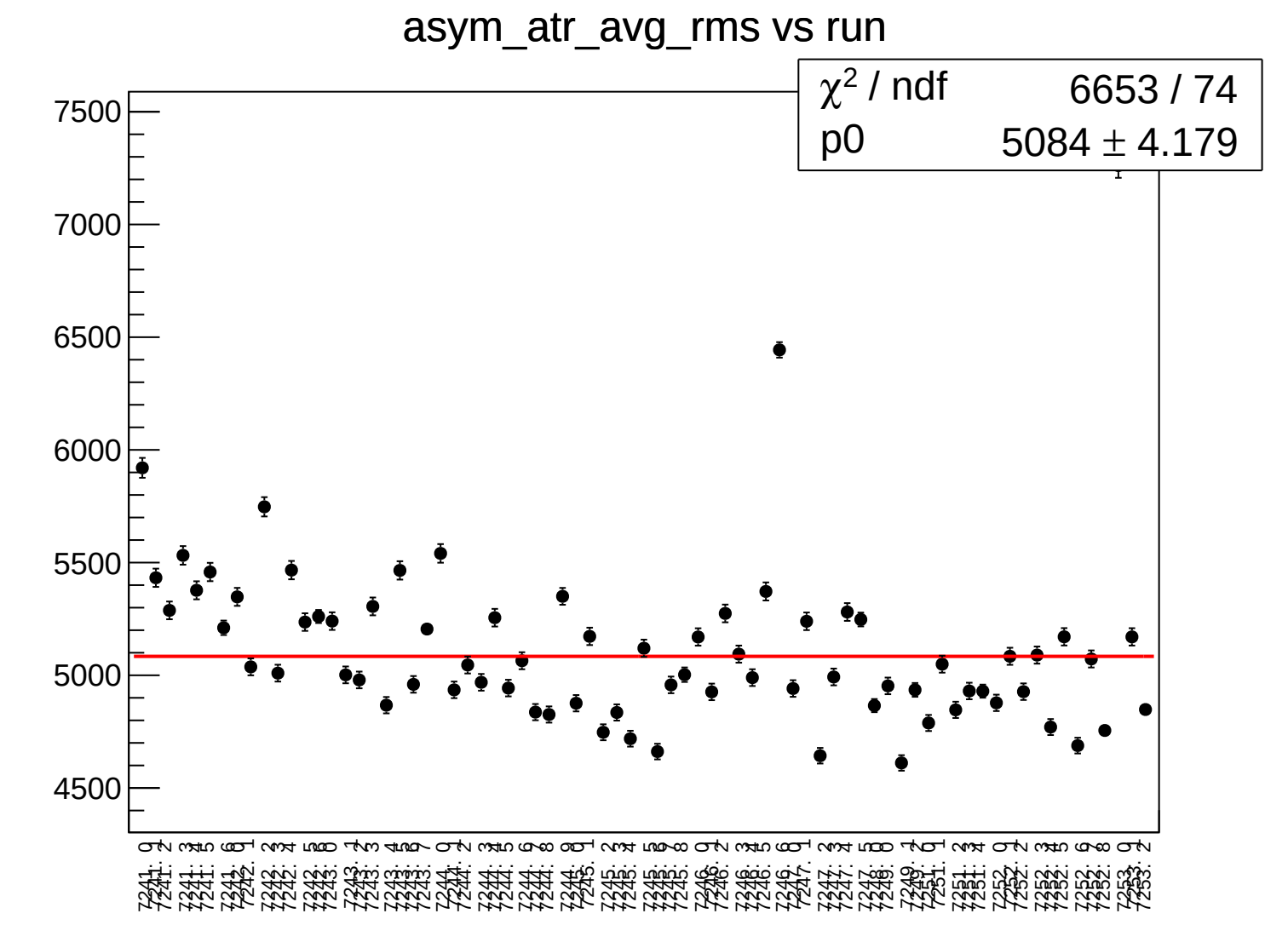

asym_atr_avg_correction_mean vs run
×10^3
χ^2 / ndf 92.8 / 74
p0 98.23 ± 5468
150
100
50
0
−50
−100
−150
−200
pull
Entries 75
Mean −307.8
Std Dev 343
2
1
0
−1
−2

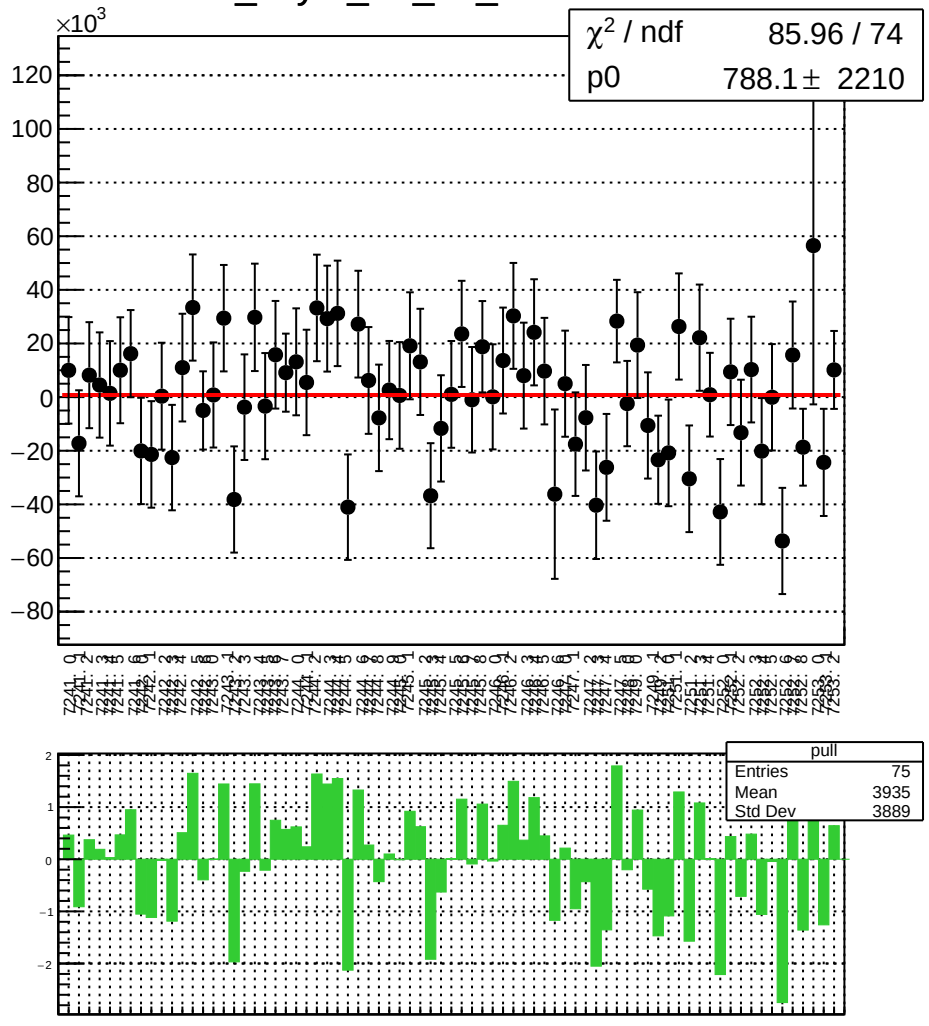

pull1D
Entries 75
Mean 0.01224
Std Dev 1.112
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

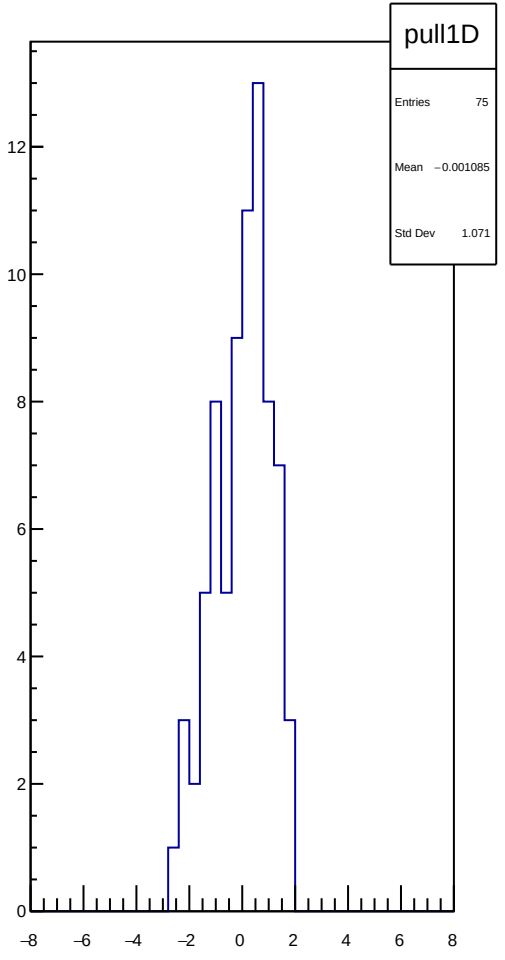

asym_atr_avg_correction_rms vs run
χ² / ndf 4267 / 74
p0 4707 ± 3.866
5800
5600
5400
5200
5000
4800
4600
4400
4200

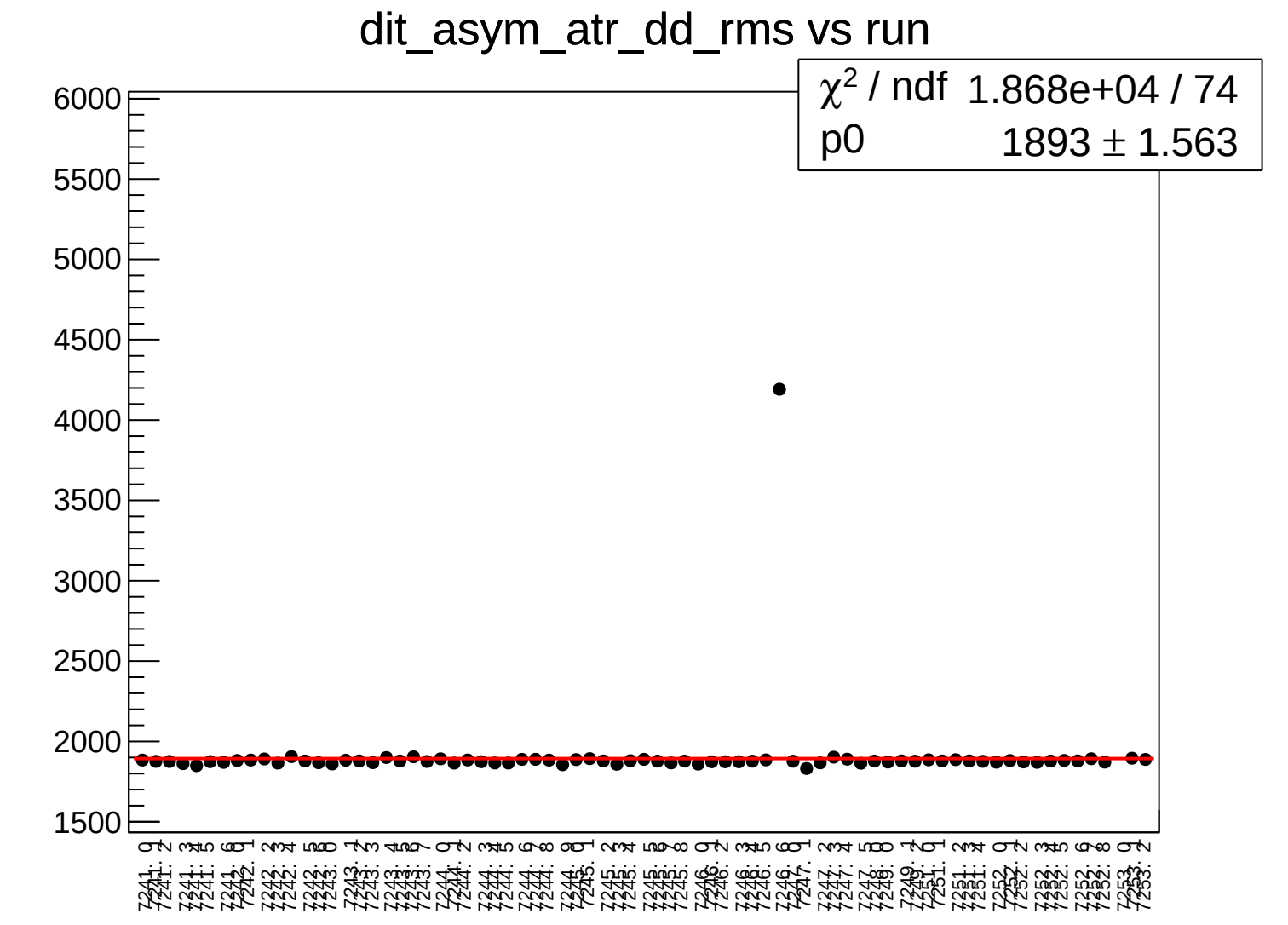

asym_atr_avg_mean vs run
×10^3
χ² / ndf 96.25 / 74
p0 2115 ± 5910
pull
Entries 75
Mean −92.82
Std Dev 126.2

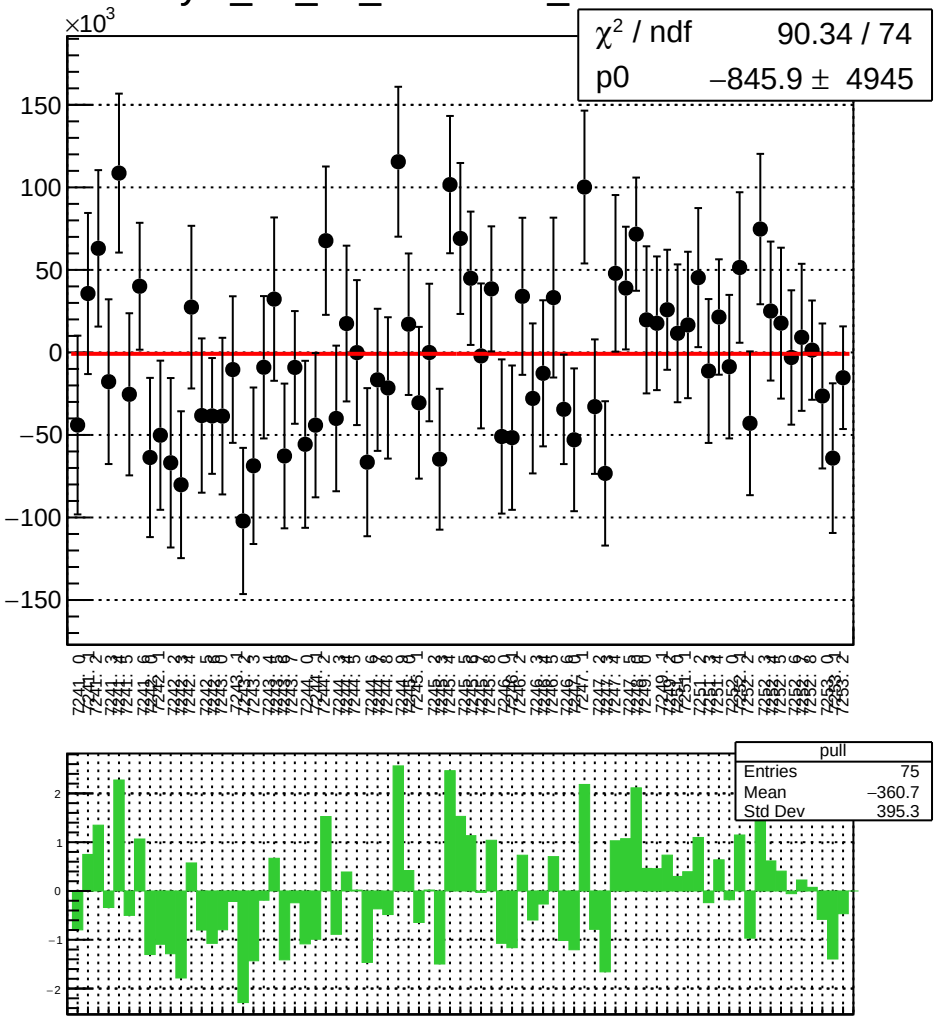

pull1D
Entries 75
Mean −0.02221
Std Dev 1.133

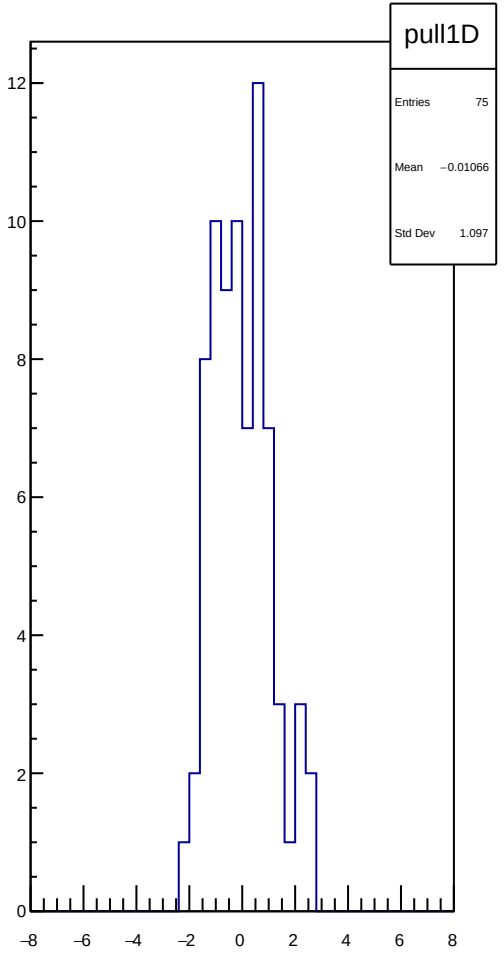

asym_atr_avg_rms vs run
χ^2 / ndf 6653 / 74
p0 5084 ± 4.179
7500
7000
6500
6000
5500
5000
4500

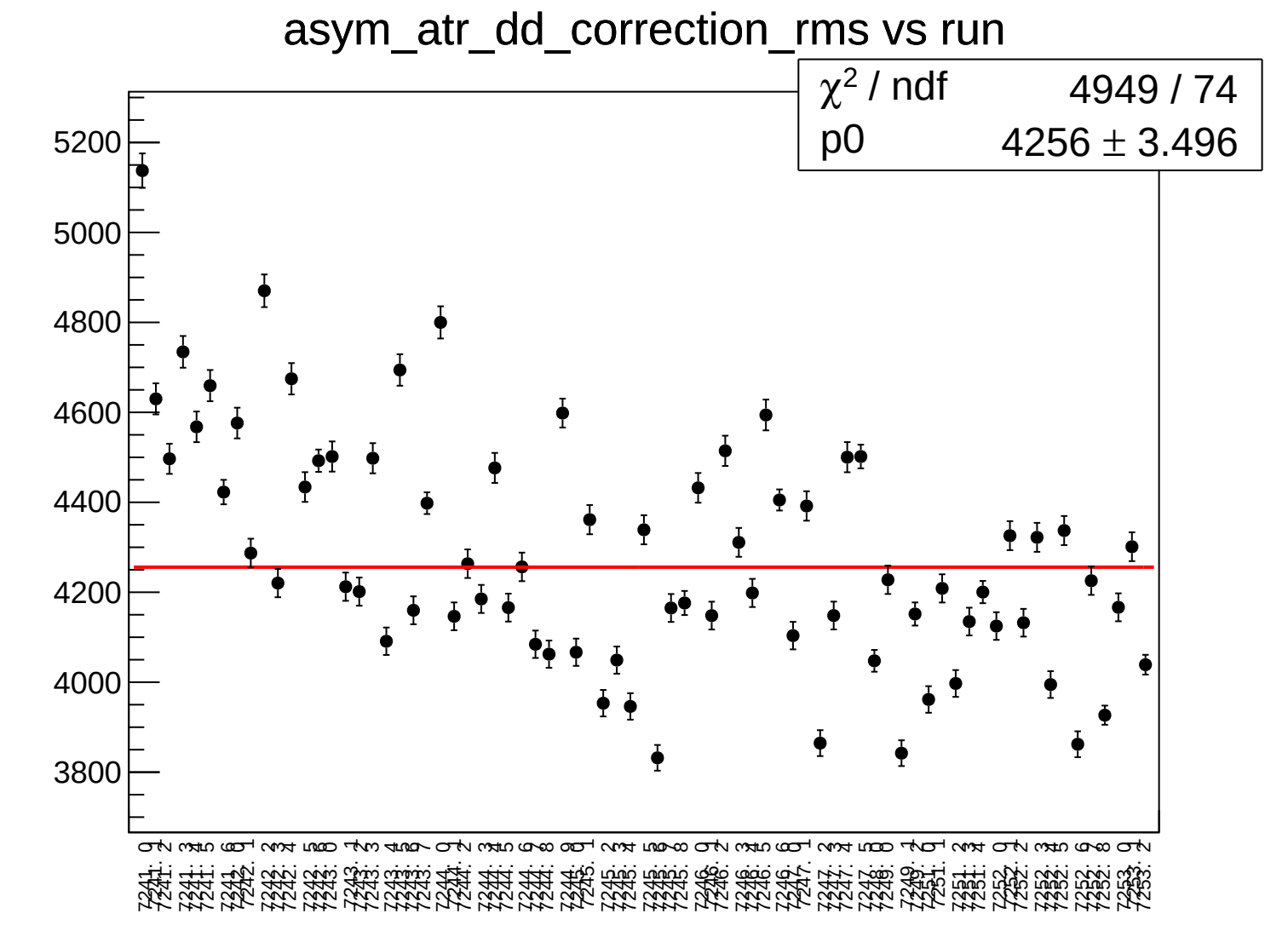

dit_asym_atr_dd_mean vs run
×10^3
χ^2 / ndf 85.96 / 74
p0 788.1 ± 2210
pull
Entries 75
Mean 3935
Std Dev 3889

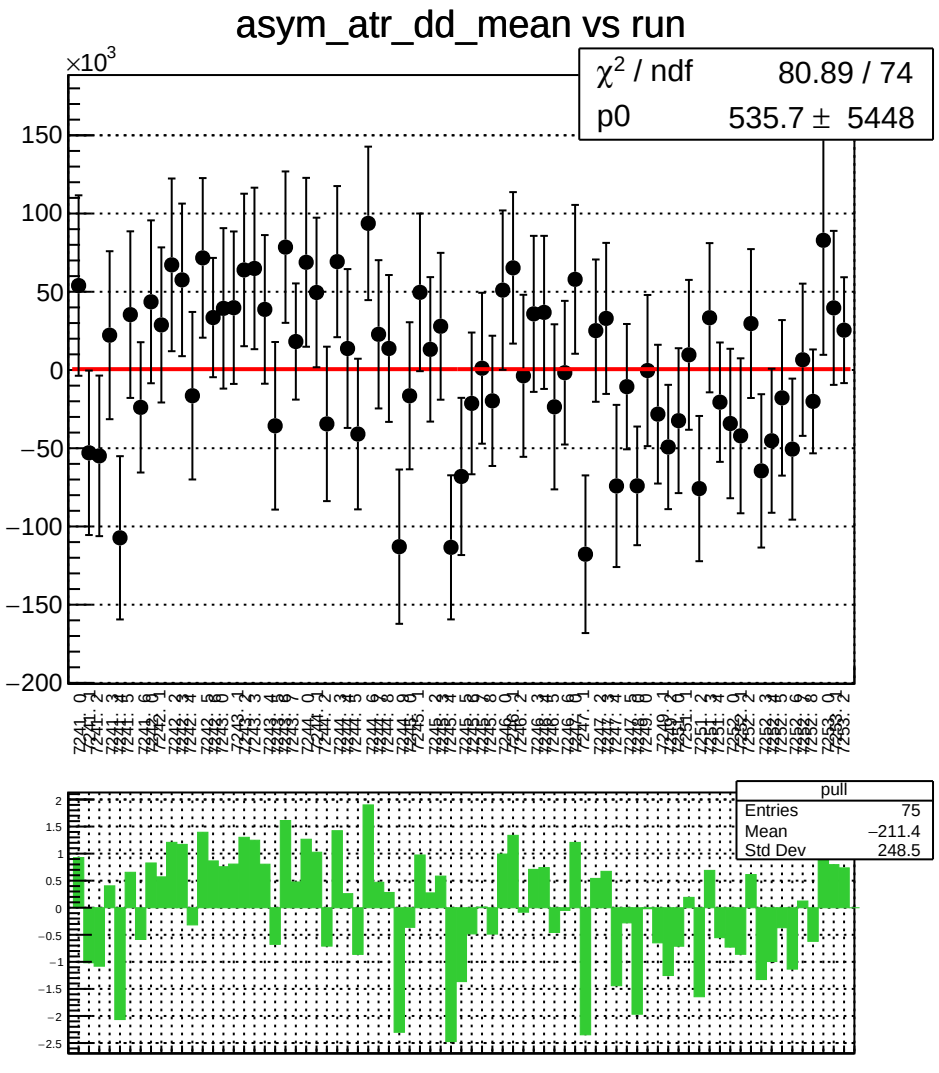

pull1D
Entries 75
Mean −0.001085
Std Dev 1.071

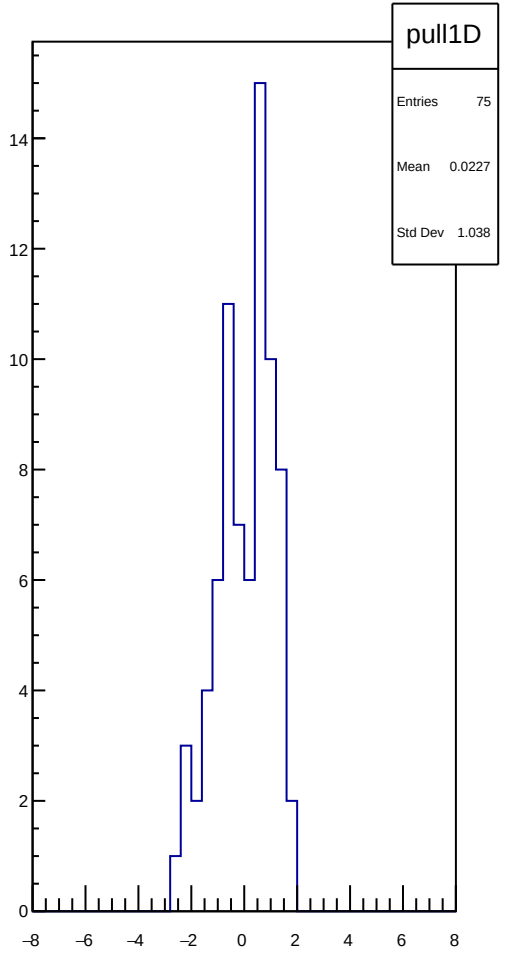

dit_asym_atr_dd_rms vs run
χ² / ndf 1.868e+04 / 74
p0 1893 ± 1.563
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

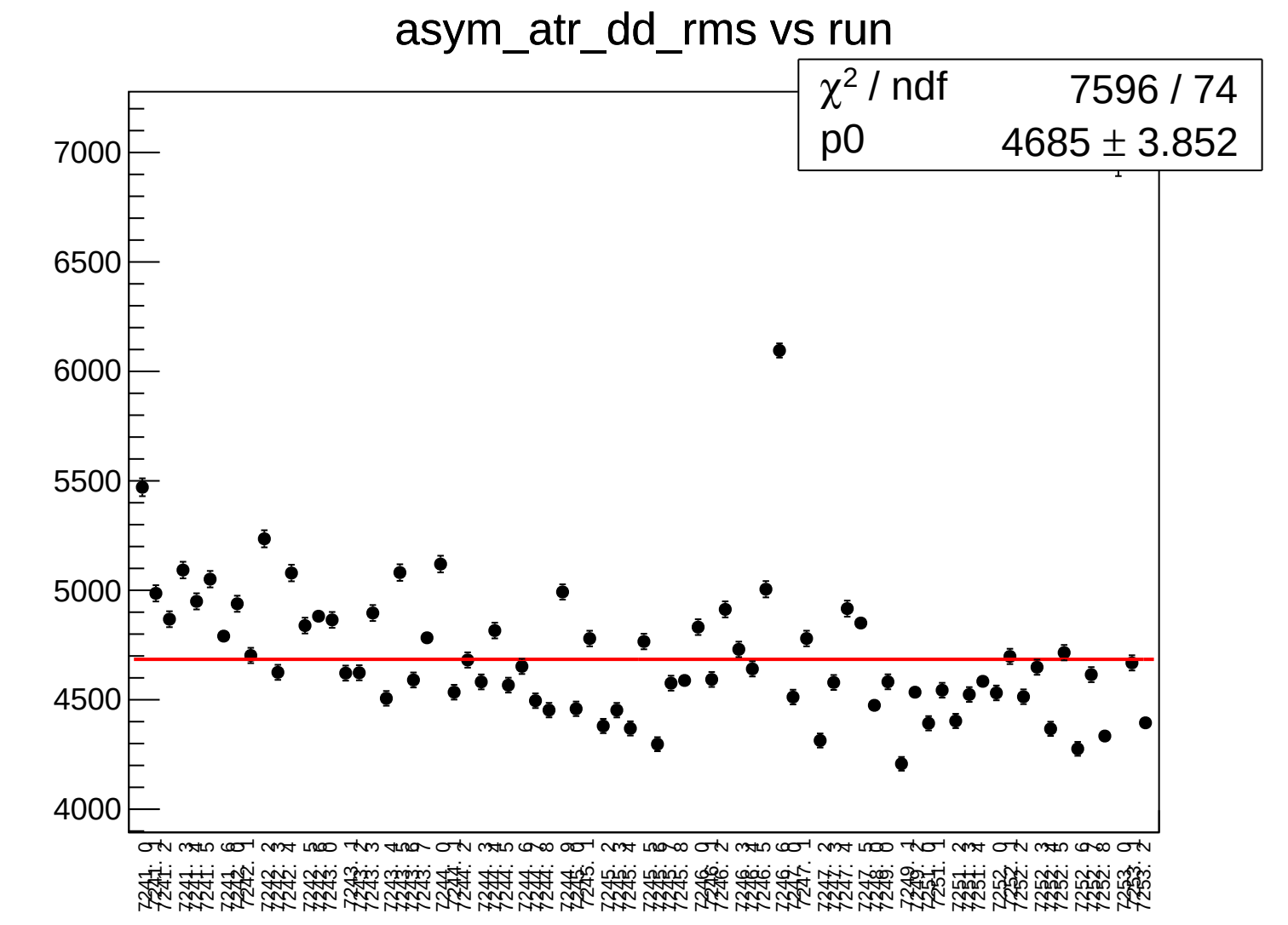

asym_atr_dd_correction_mean vs run
χ² / ndf 90.34 / 74
p0 −845.9 ± 4945
×10³
pull
Entries 75
Mean −360.7
Std Dev 395.3

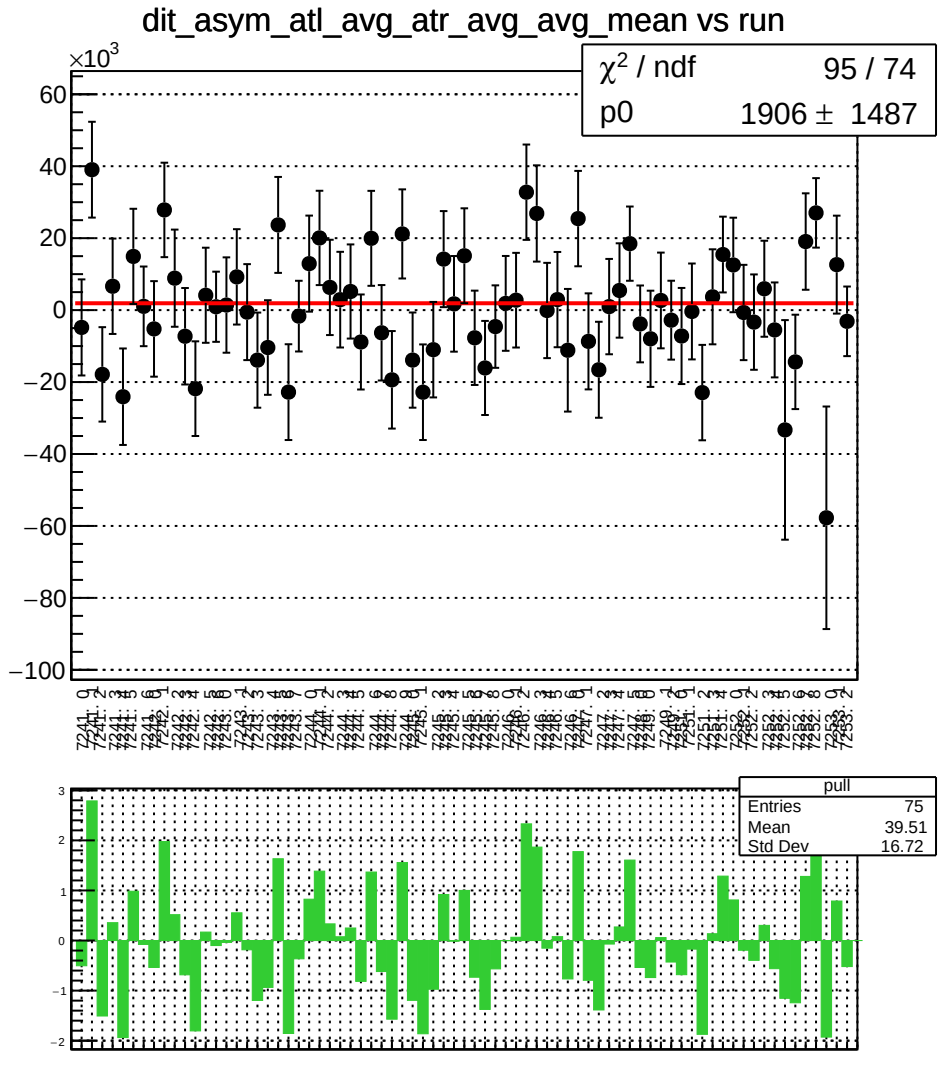

pull1D
Entries 75
Mean −0.01066
Std Dev 1.097

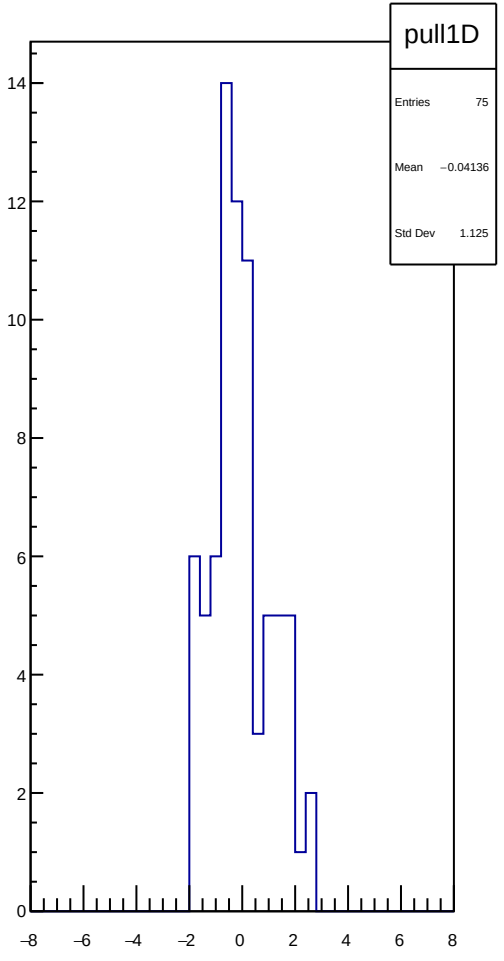

asym_atr_dd_correction_rms vs run
χ² / ndf 4949 / 74
p0 4256 ± 3.496
5200
5000
4800
4600
4400
4200
4000
3800

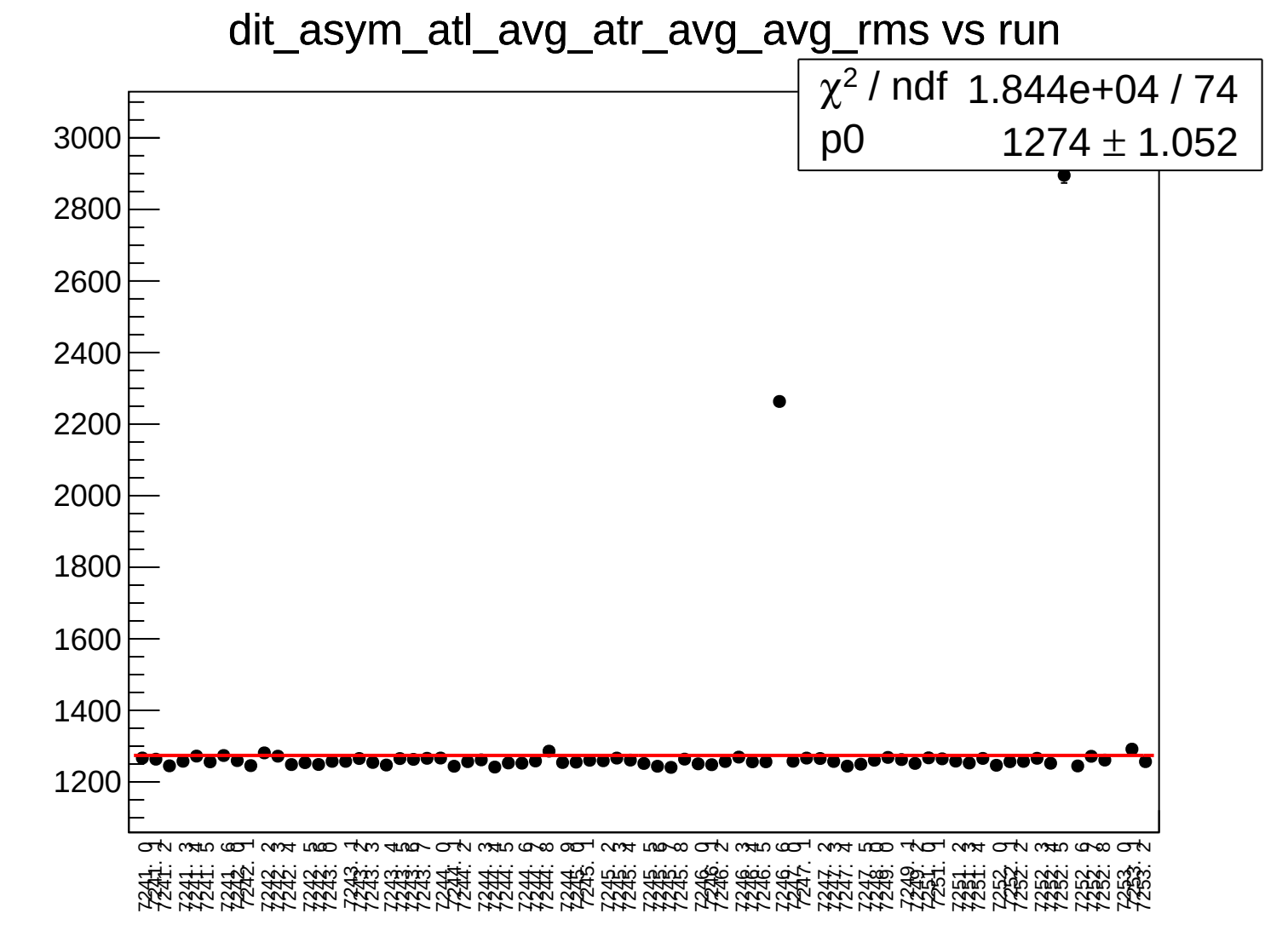

asym_atr_dd_mean vs run
×10^3
χ² / ndf 80.89 / 74
p0 535.7 ± 5448
150
100
50
0
−50
−100
−150
−200
pull
Entries 75
Mean −211.4
Std Dev 248.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

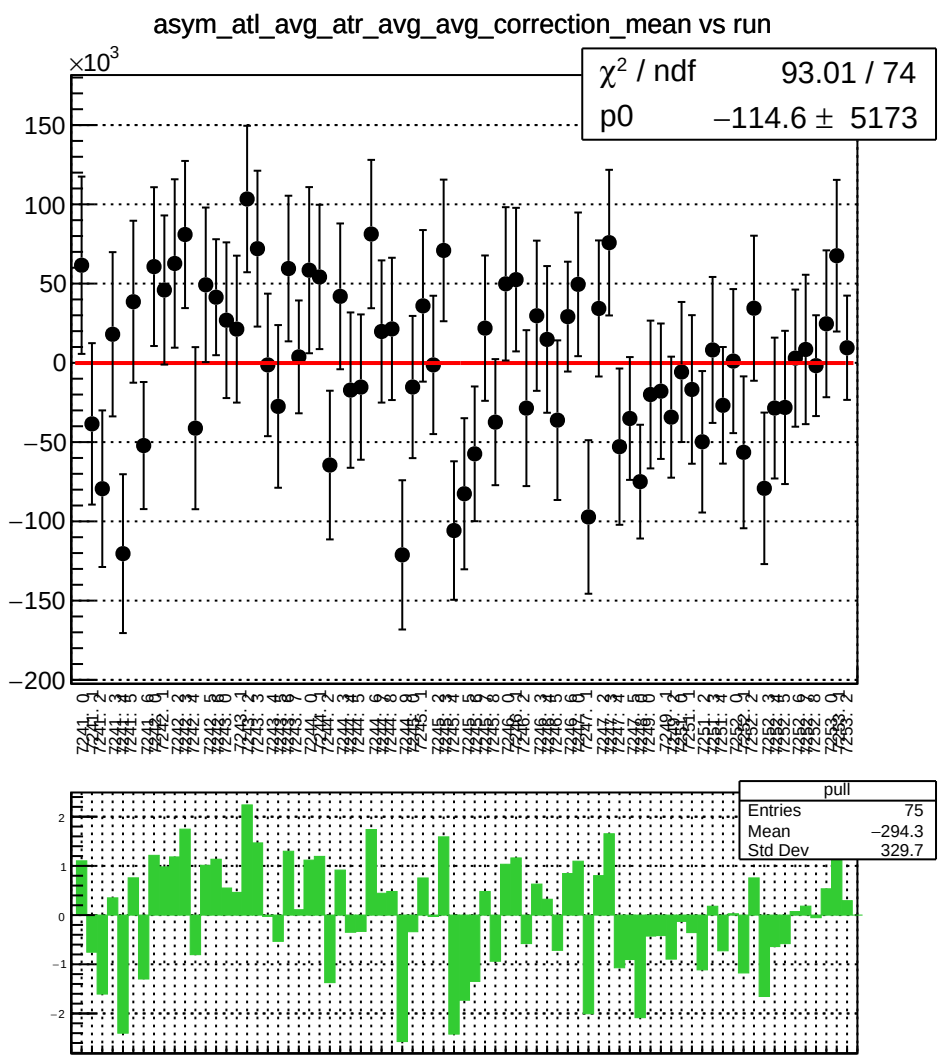

pull1D
Entries 75
Mean 0.0227
Std Dev 1.038
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

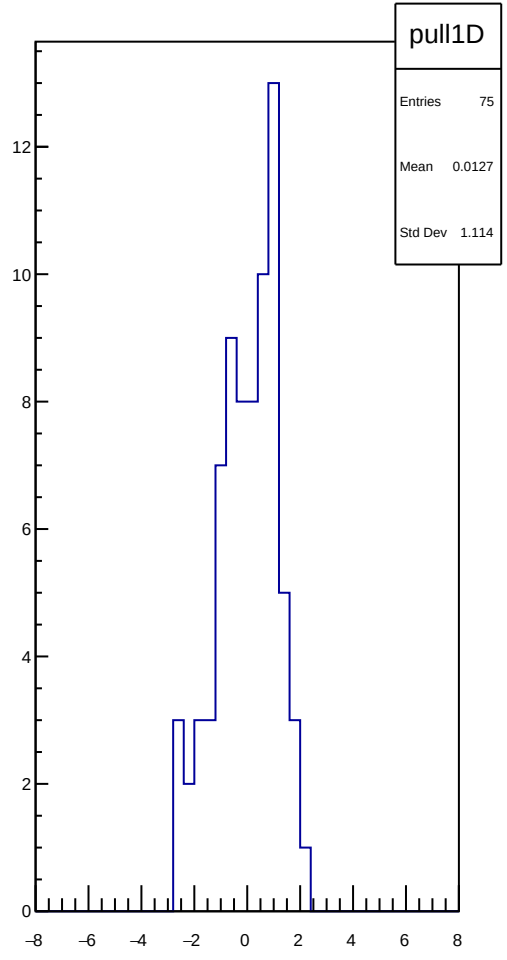

asym_atr_dd_rms vs run
χ^2 / ndf 7596 / 74
p0 4685 ± 3.852
7000
6500
6000
5500
5000
4500
4000

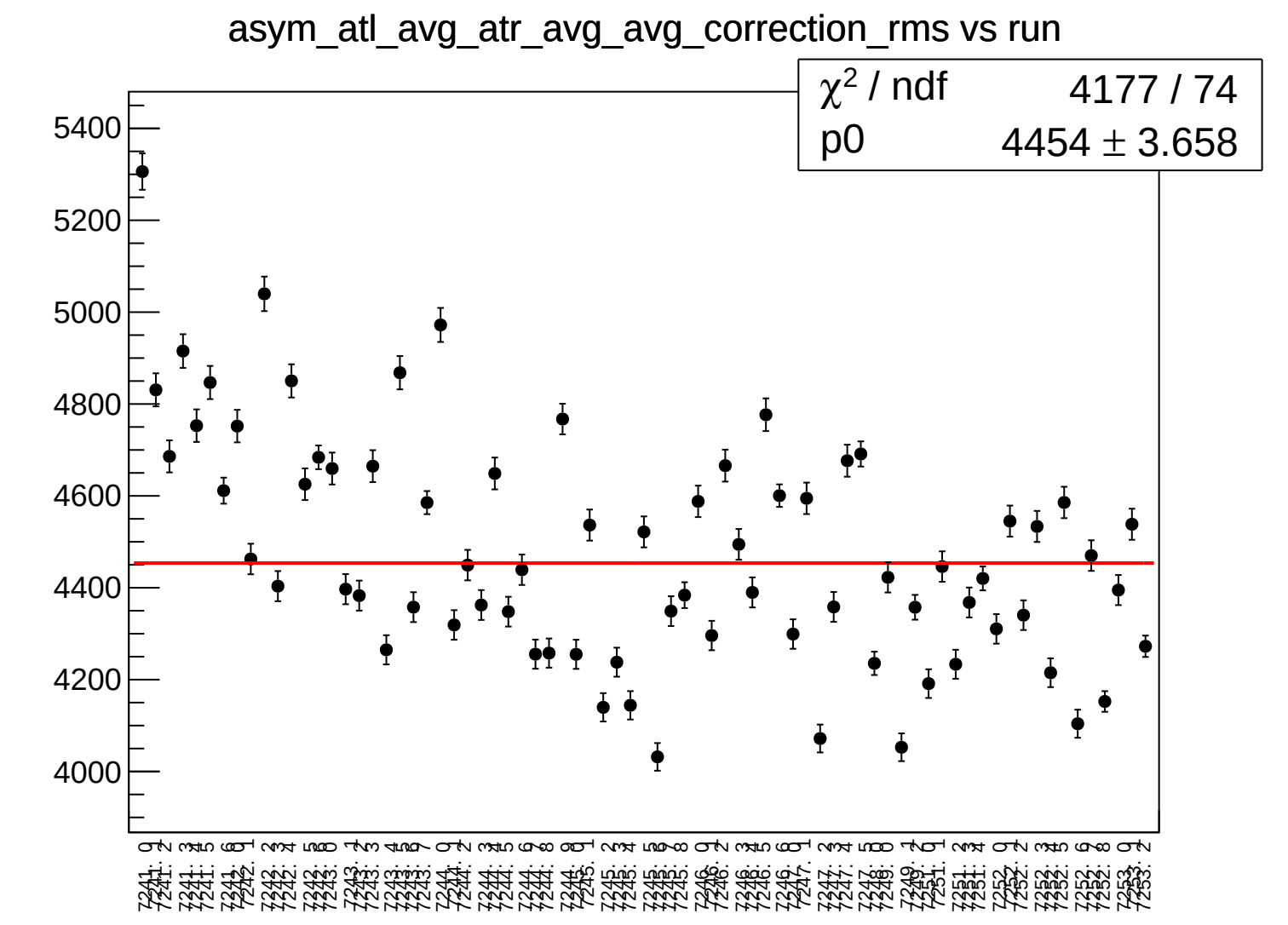

dit_asym_atl_avg_atr_avg_avg_mean vs run
×10^3
χ² / ndf 95 / 74
p0 1906 ± 1487
pull
Entries 75
Mean 39.51
Std Dev 16.72

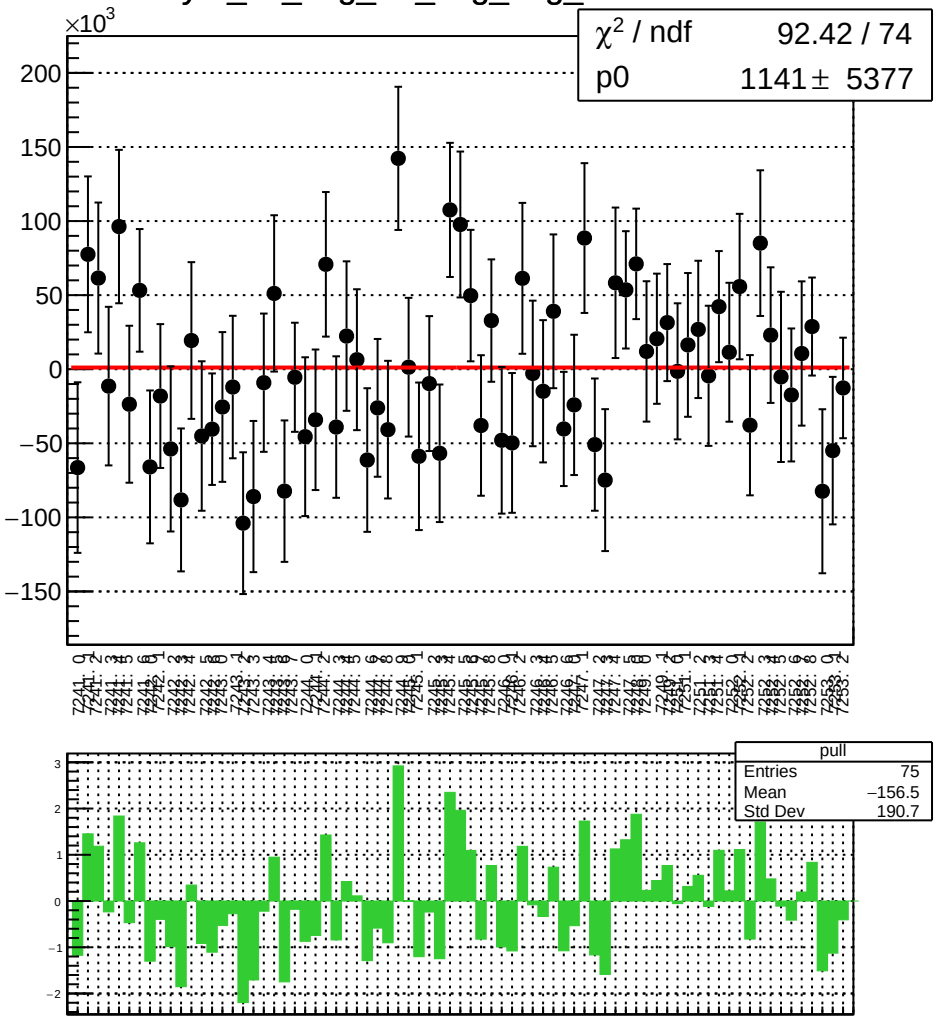

pull1D
Entries 75
Mean −0.04136
Std Dev 1.125

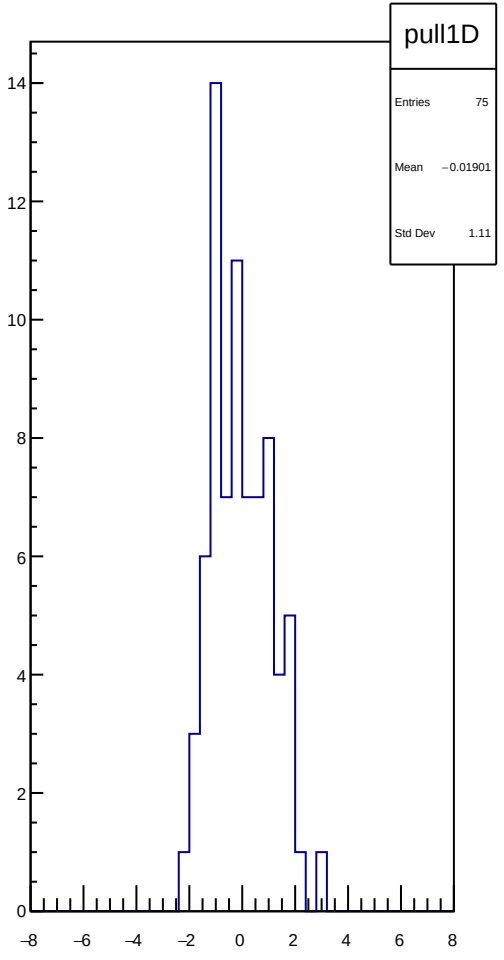

dit_asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 1.844e+04 / 74
p0 1274 ± 1.052
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

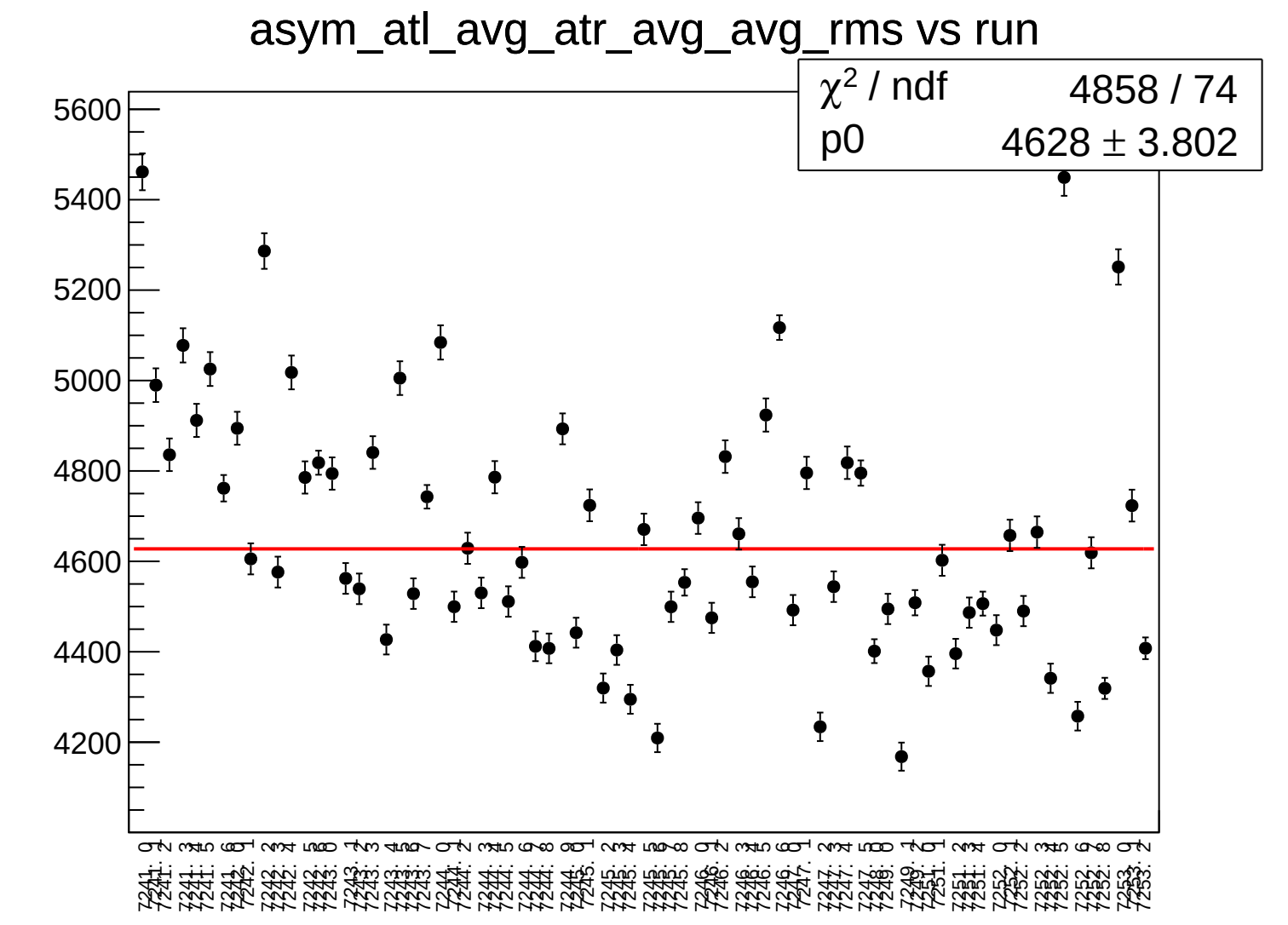

asym_atl_avg_atr_avg_avg_correction_mean vs run
×10^3
χ² / ndf 93.01 / 74
p0 −114.6 ± 5173
150
100
50
0
−50
−100
−150
−200
pull
Entries 75
Mean −294.3
Std Dev 329.7
2
1
0
−1
−2

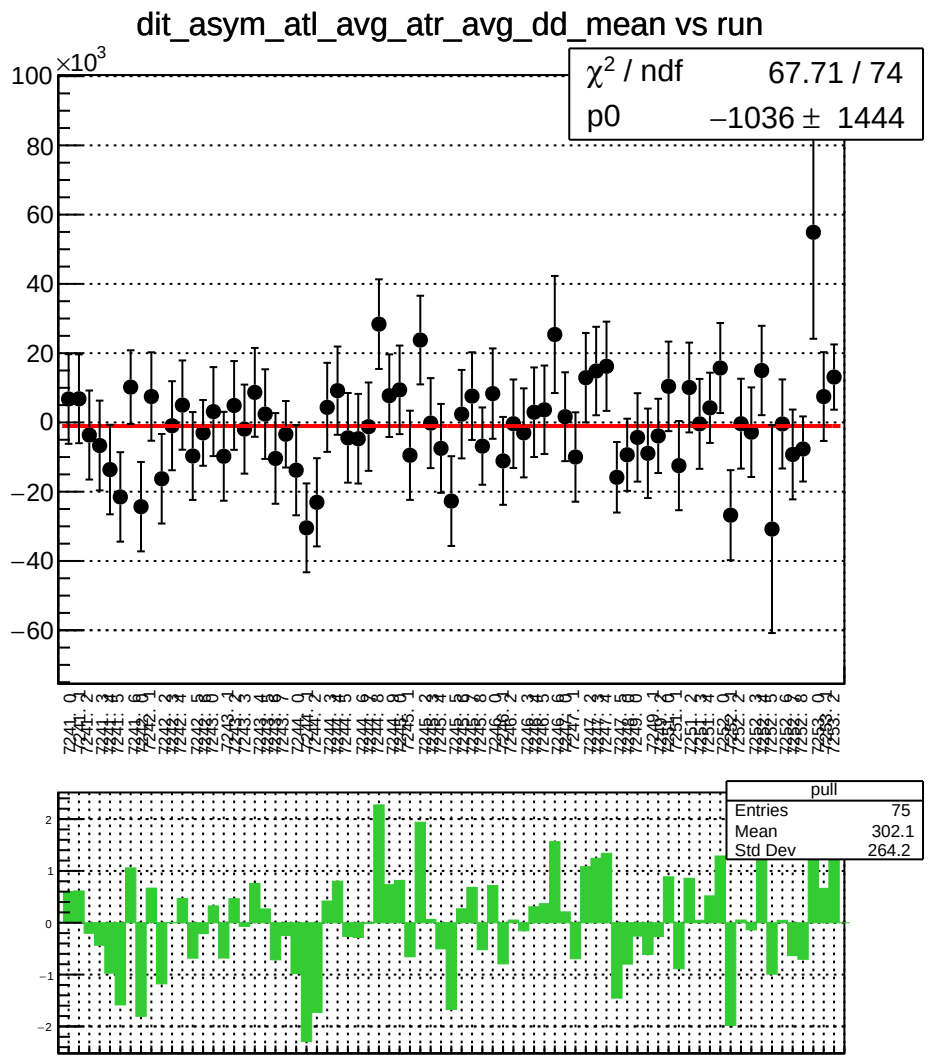

pull1D
Entries 75
Mean 0.0127
Std Dev 1.114
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

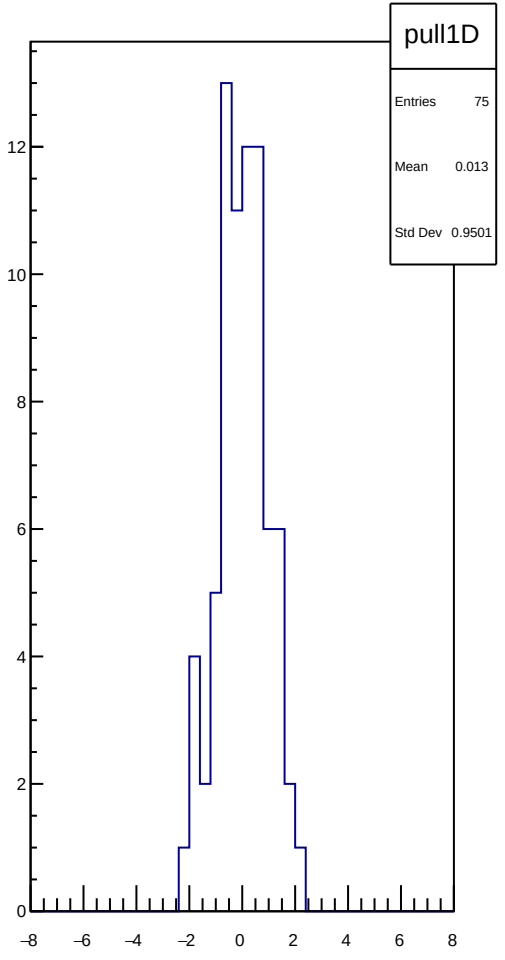

asym_atl_avg_atr_avg_avg_correction_rms vs run
χ² / ndf 4177 / 74
p0 4454 ± 3.658
5400
5200
5000
4800
4600
4400
4200
4000

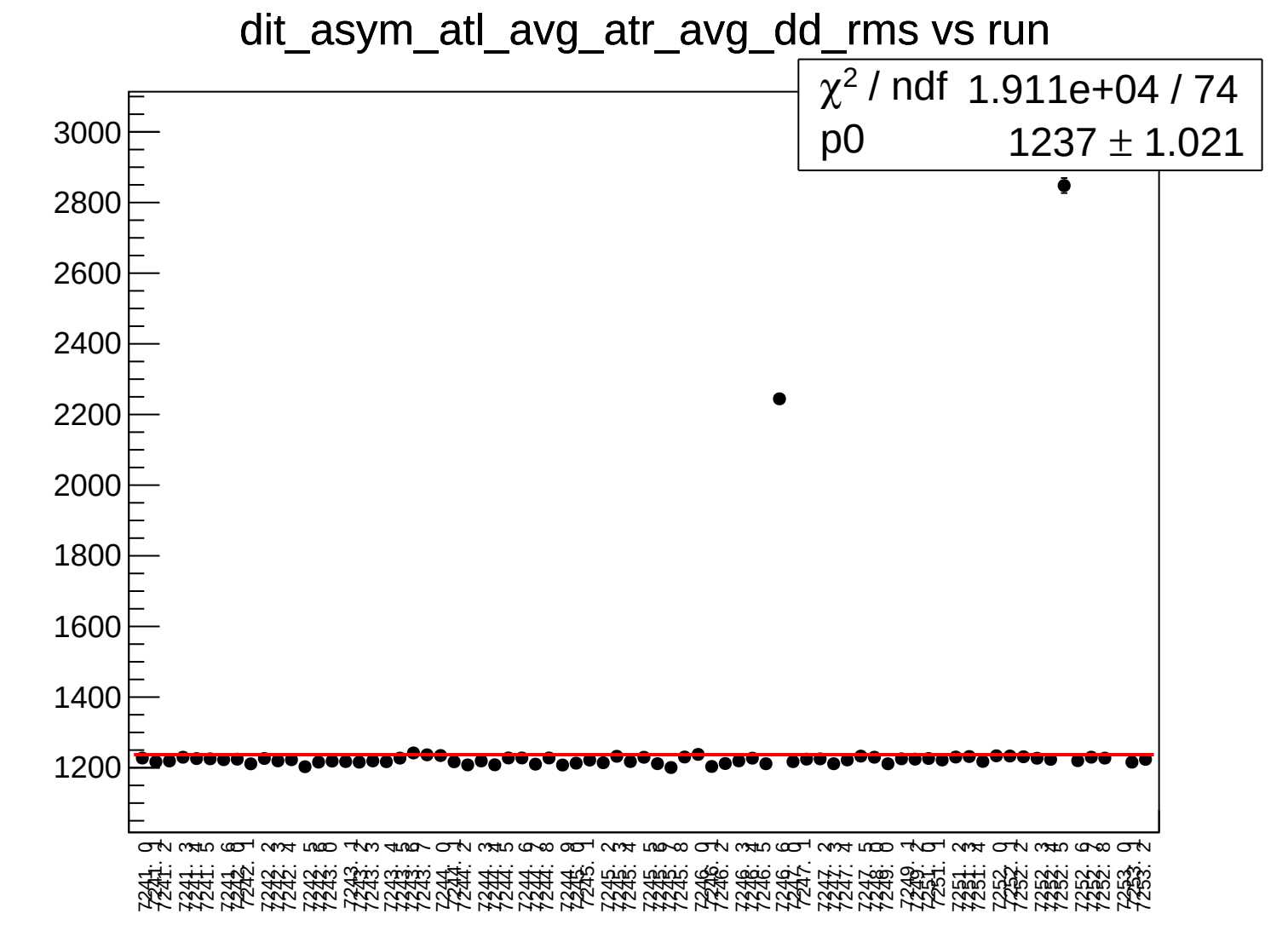

asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 92.42 / 74
p0 1141 ± 5377
pull
Entries 75
Mean −156.5
Std Dev 190.7

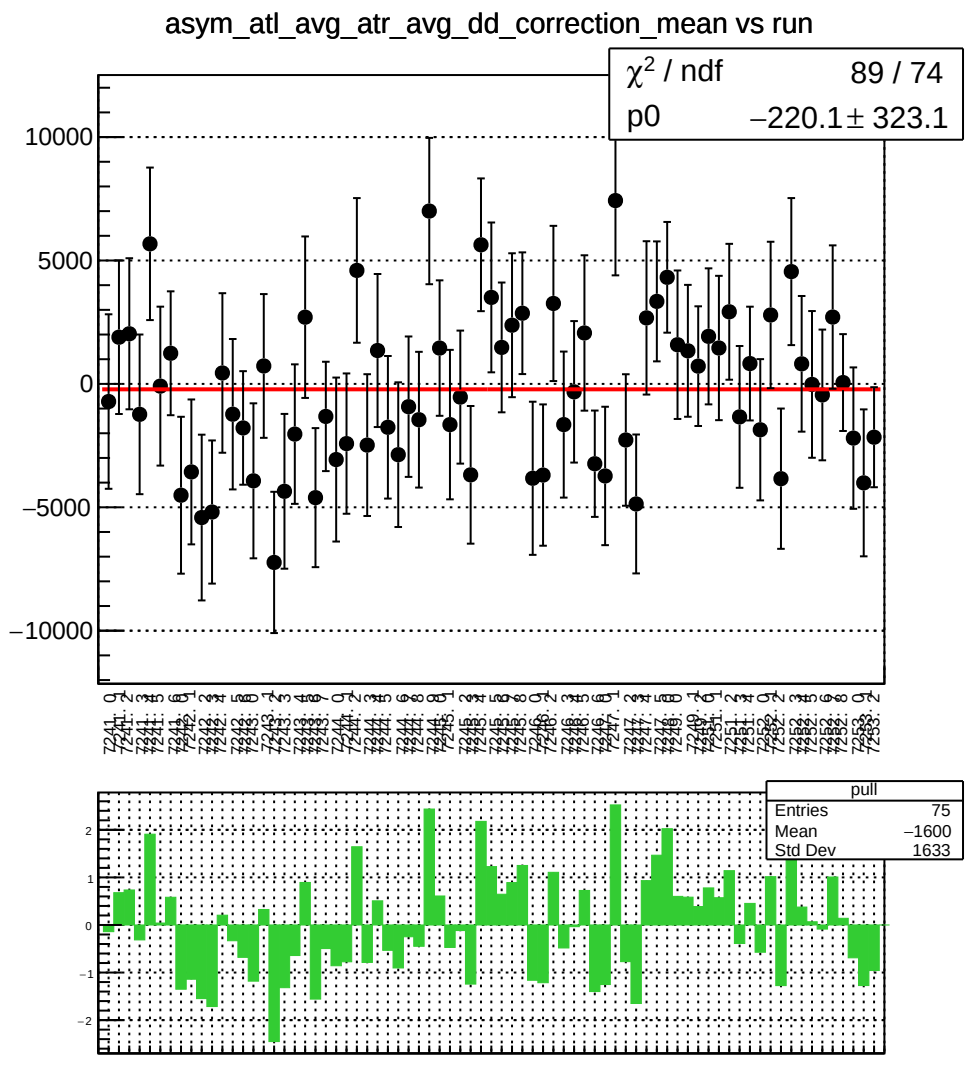

pull1D
Entries 75
Mean −0.01901
Std Dev 1.11

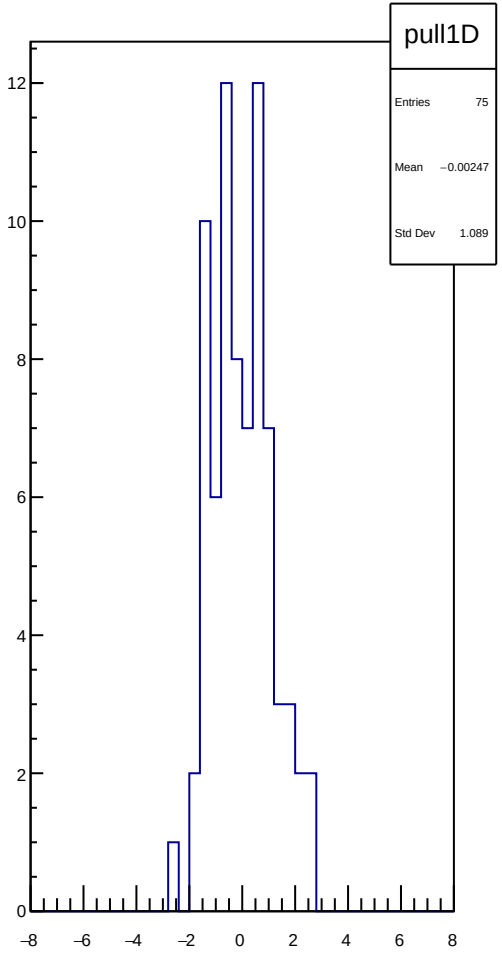

asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 4858 / 74
p0 4628 ± 3.802
5600
5400
5200
5000
4800
4600
4400
4200

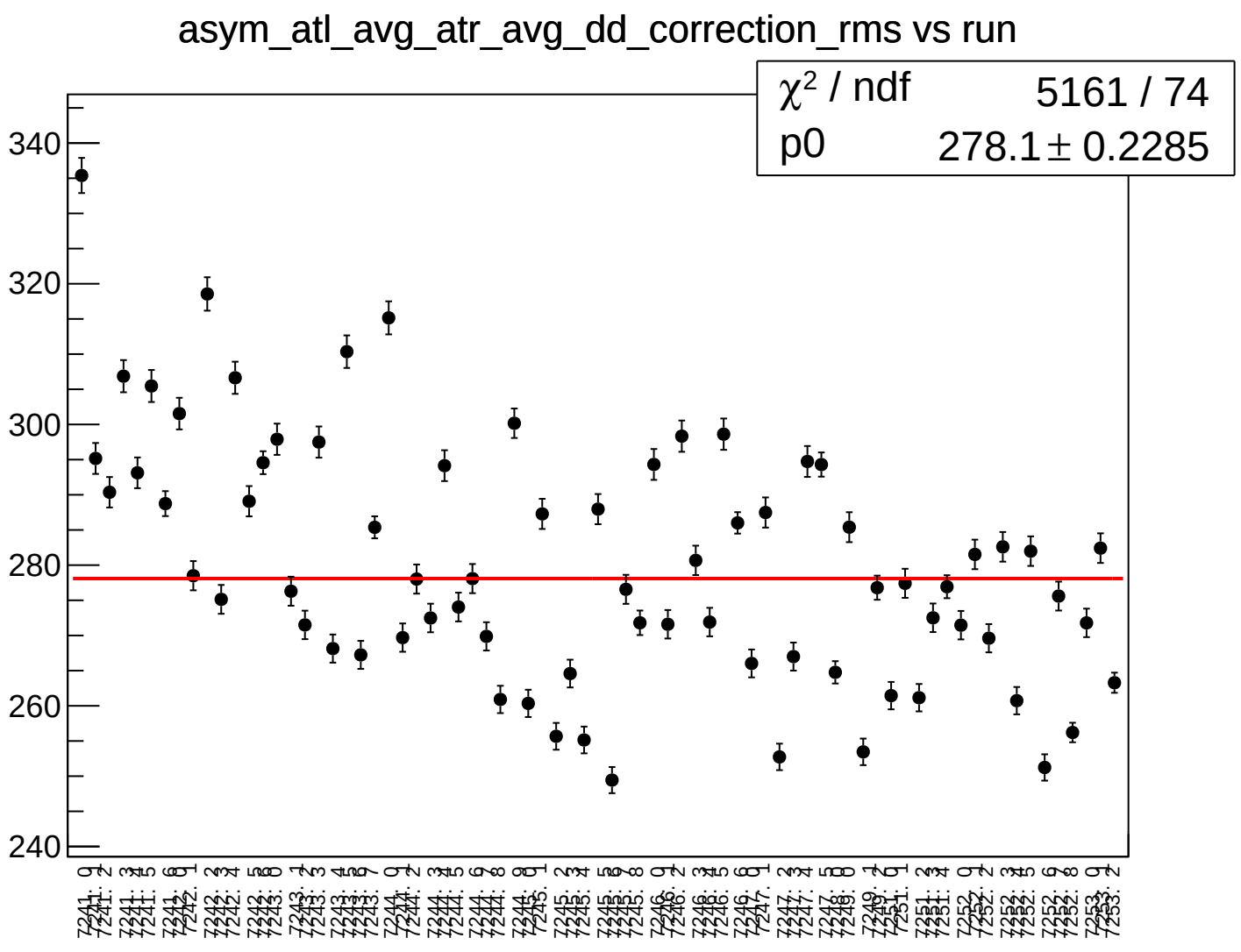

dit_asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 67.71 / 74
p0 −1036 ± 1444
×10³
pull
Entries 75
Mean 302.1
Std Dev 264.2

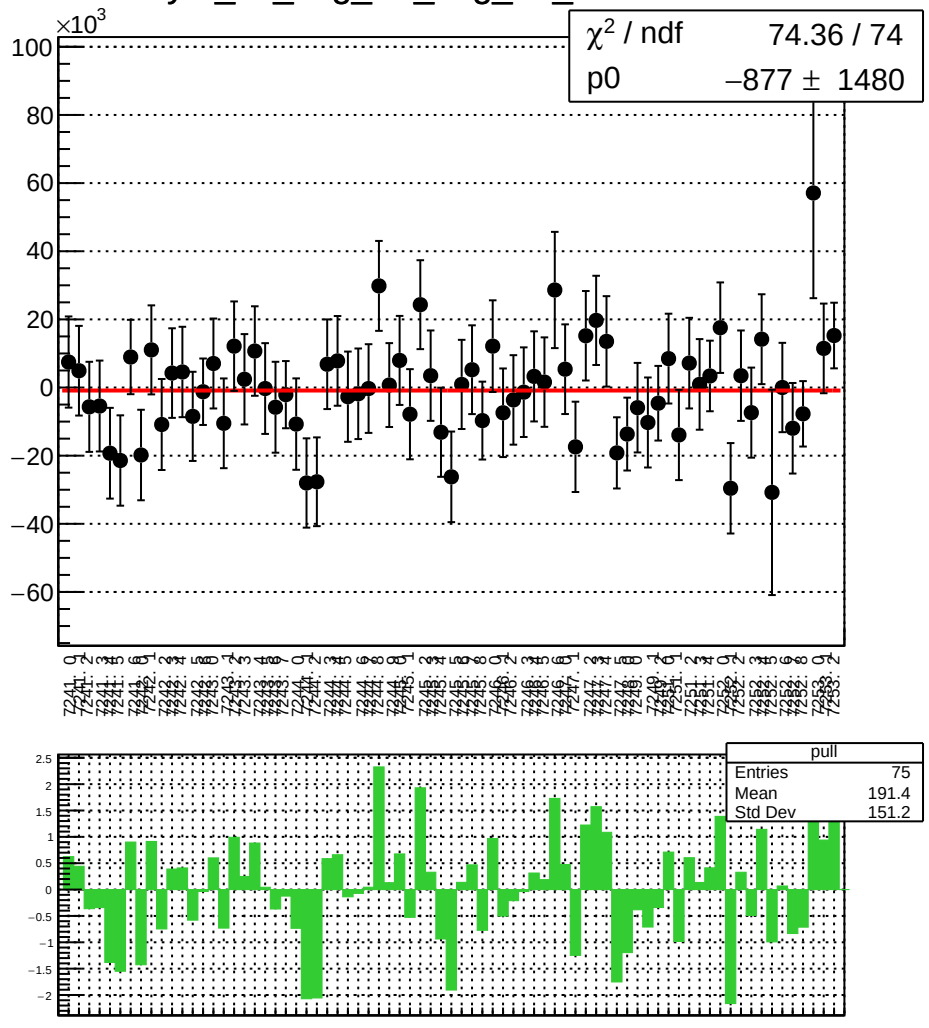

pull1D
Entries 75
Mean 0.013
Std Dev 0.9501

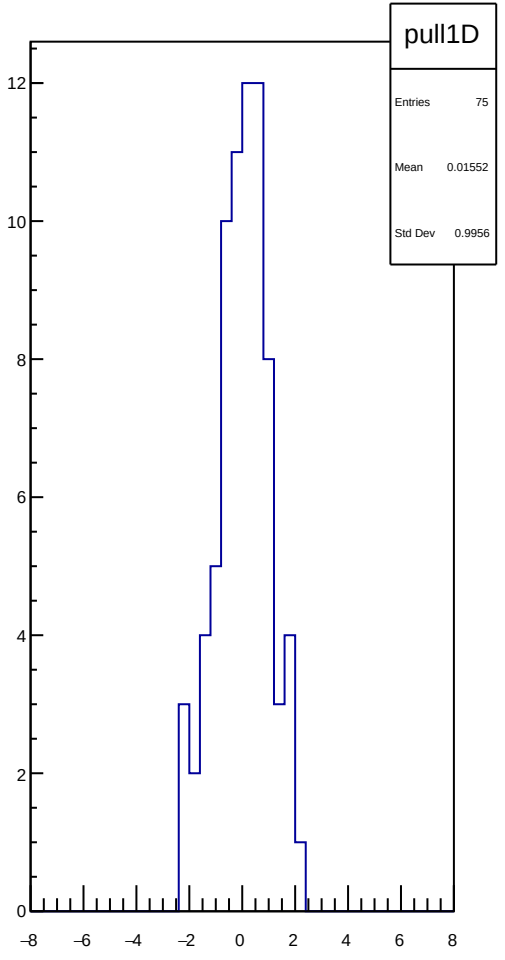

dit_asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 1.911e+04 / 74
p0 1237 ± 1.021
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

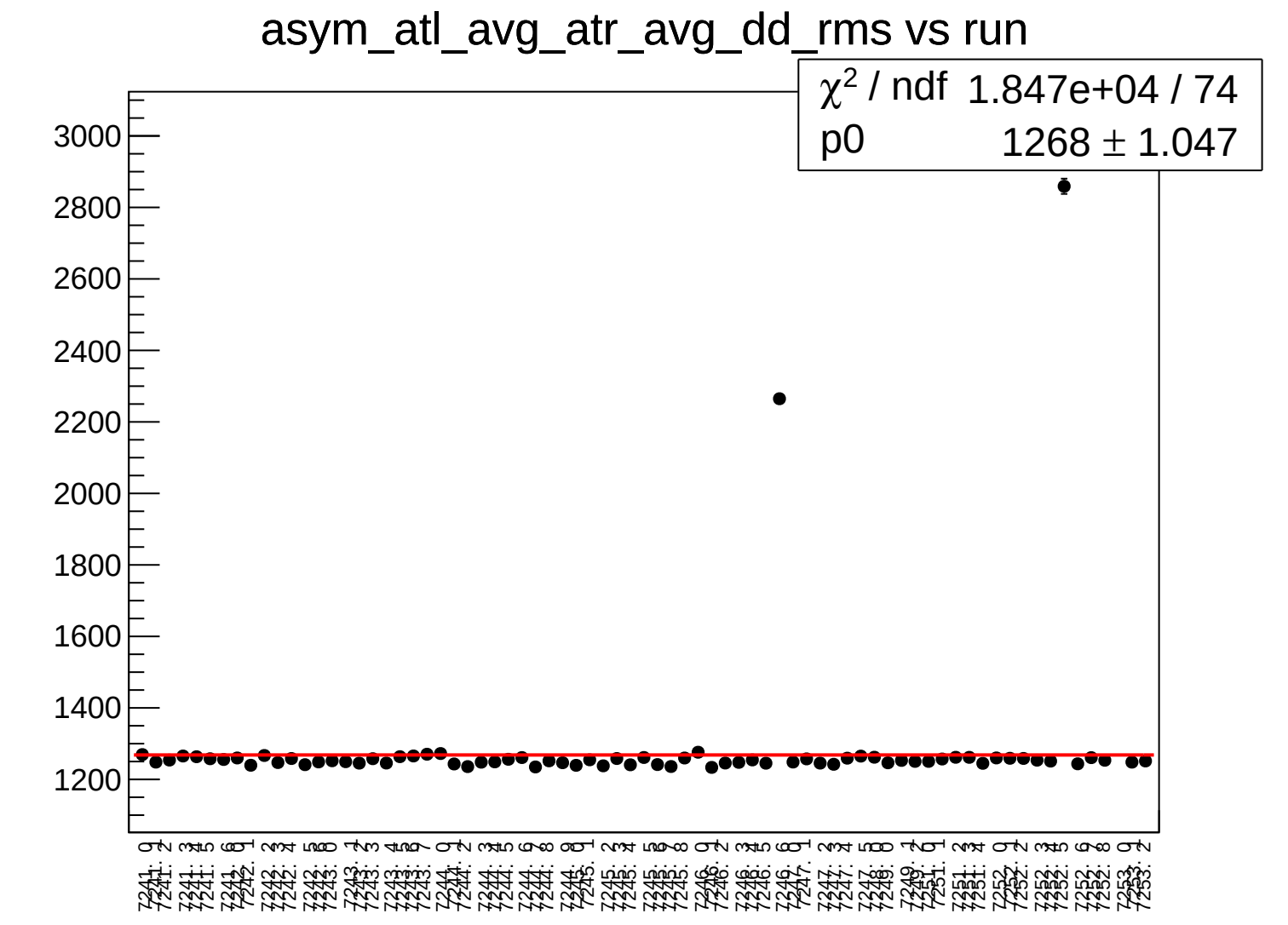

asym_atl_avg_atr_avg_dd_correction_mean vs run
χ² / ndf 89 / 74
p0 −220.1 ± 323.1
10000
5000
0
−5000
−10000
pull
Entries 75
Mean −1600
Std Dev 1633
2
1
0
−1
−2

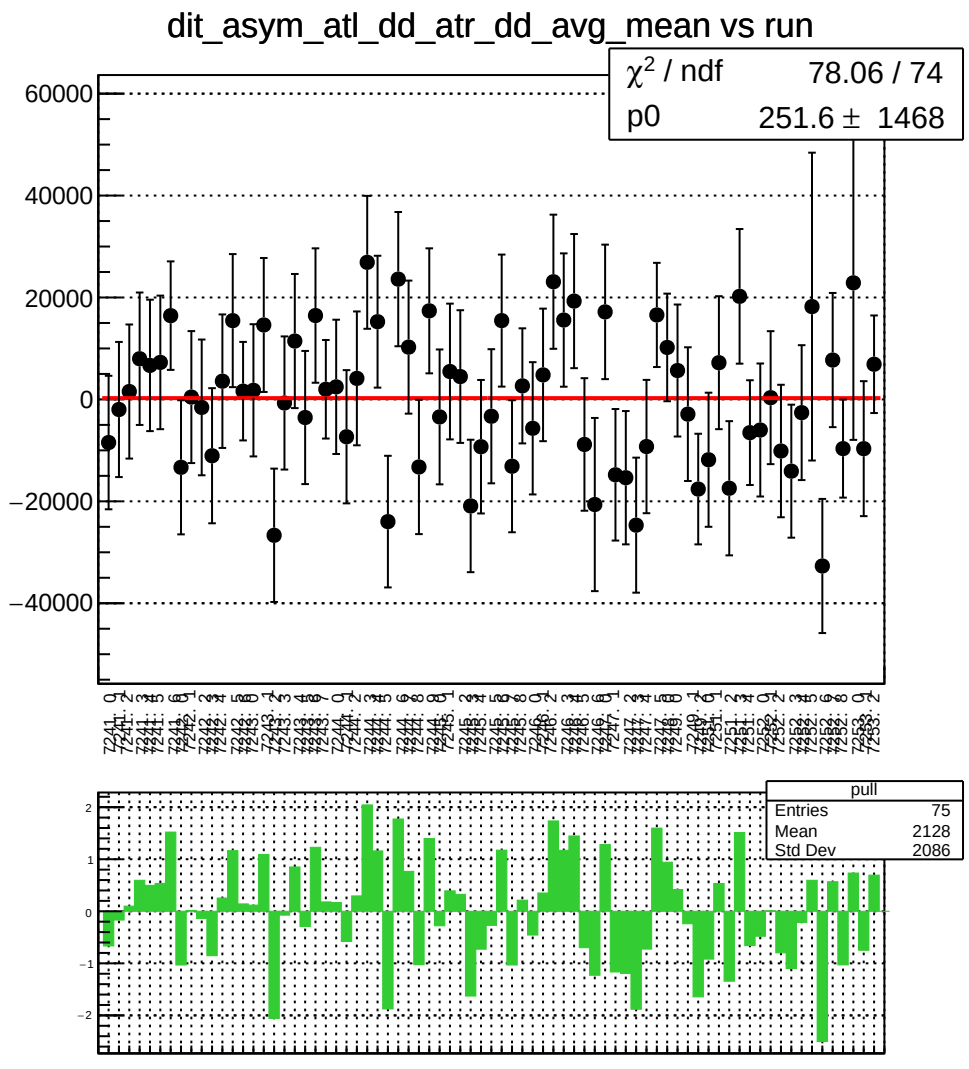

pull1D
Entries 75
Mean −0.00247
Std Dev 1.089
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

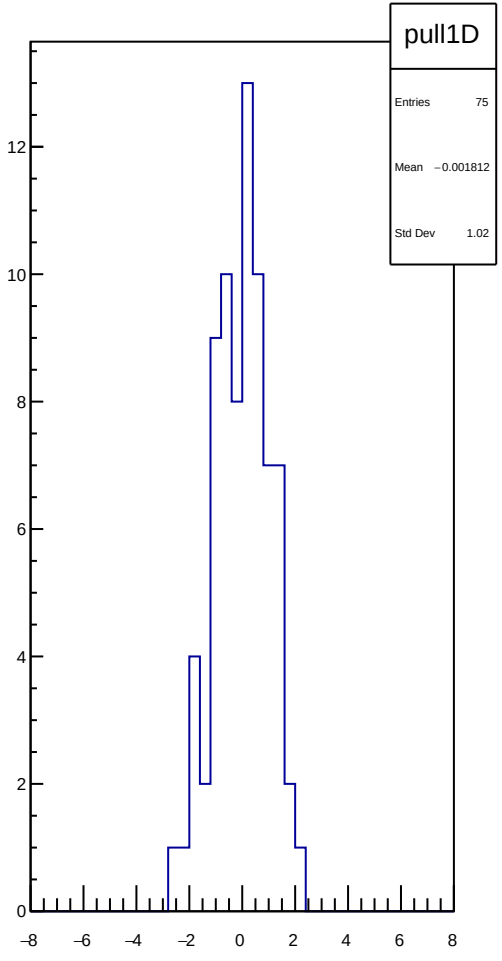

asym_atl_avg_atr_avg_dd_correction_rms vs run
χ² / ndf 5161 / 74
p0 278.1 ± 0.2285
340
320
300
280
260
240

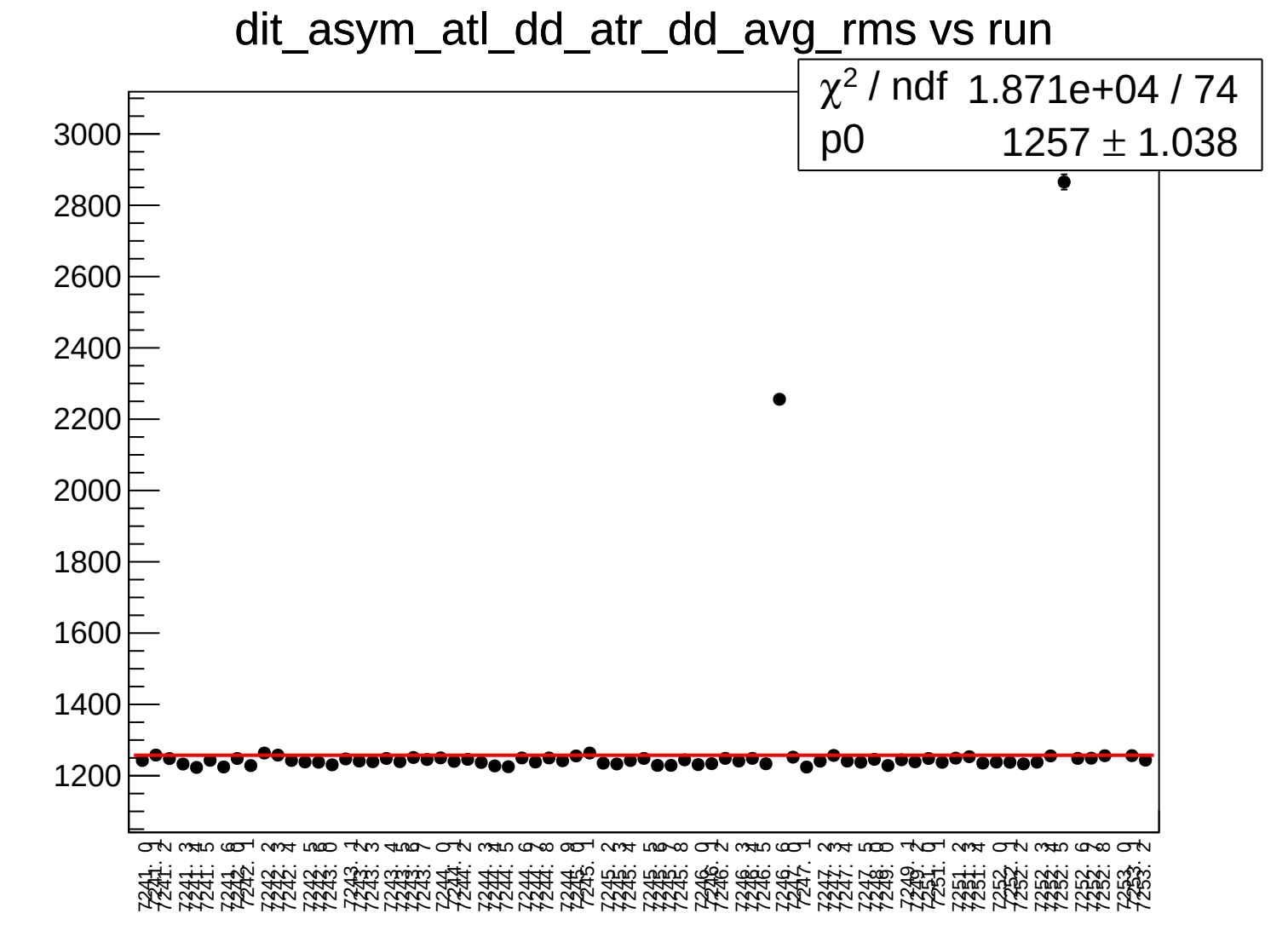

asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 74.36 / 74
p0 −877 ± 1480
pull
Entries 75
Mean 191.4
Std Dev 151.2

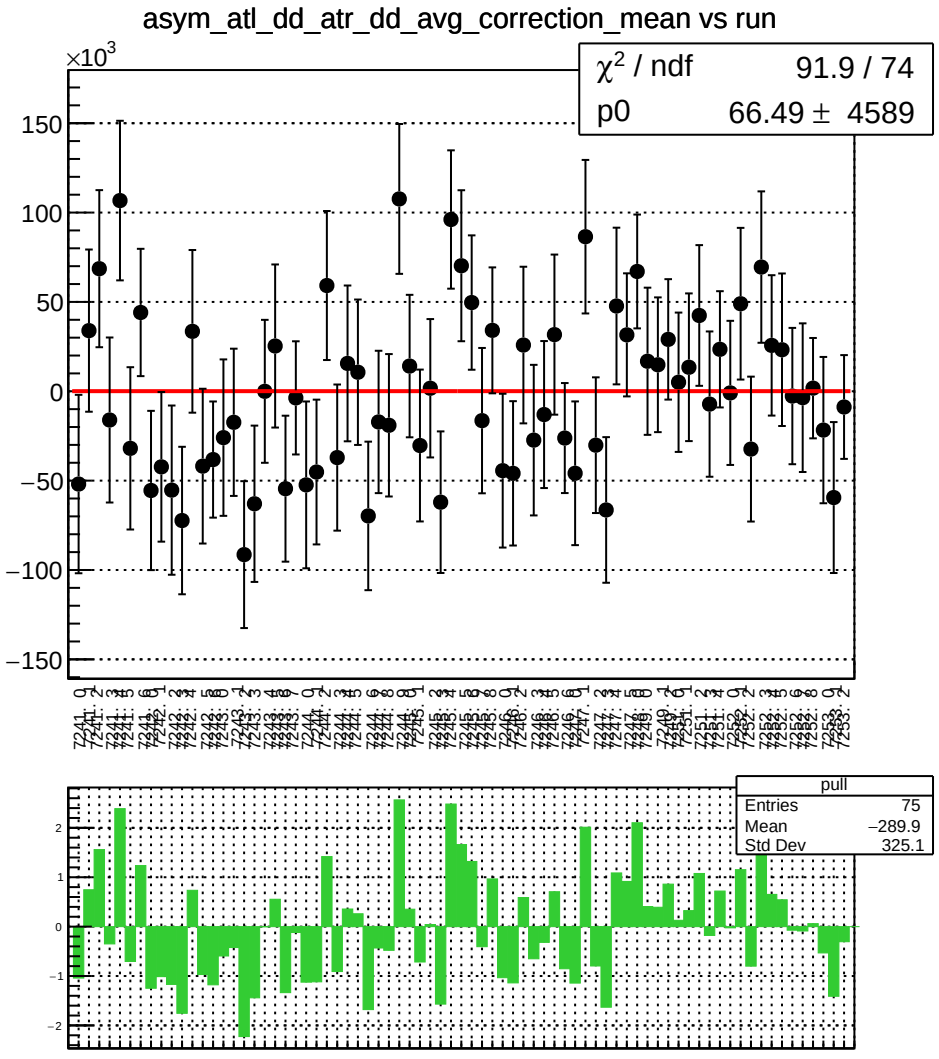

pull1D
Entries 75
Mean 0.01552
Std Dev 0.9956

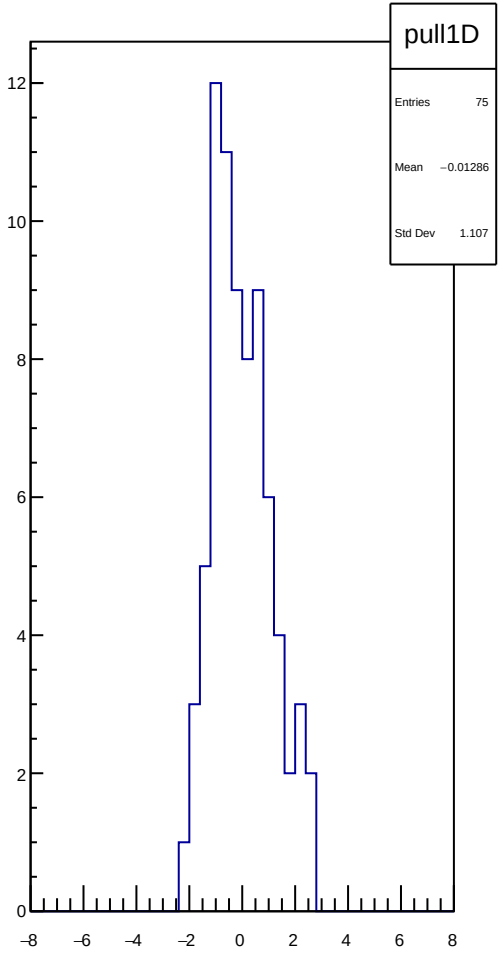

asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 1.847e+04 / 74
p0 1268 ± 1.047
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

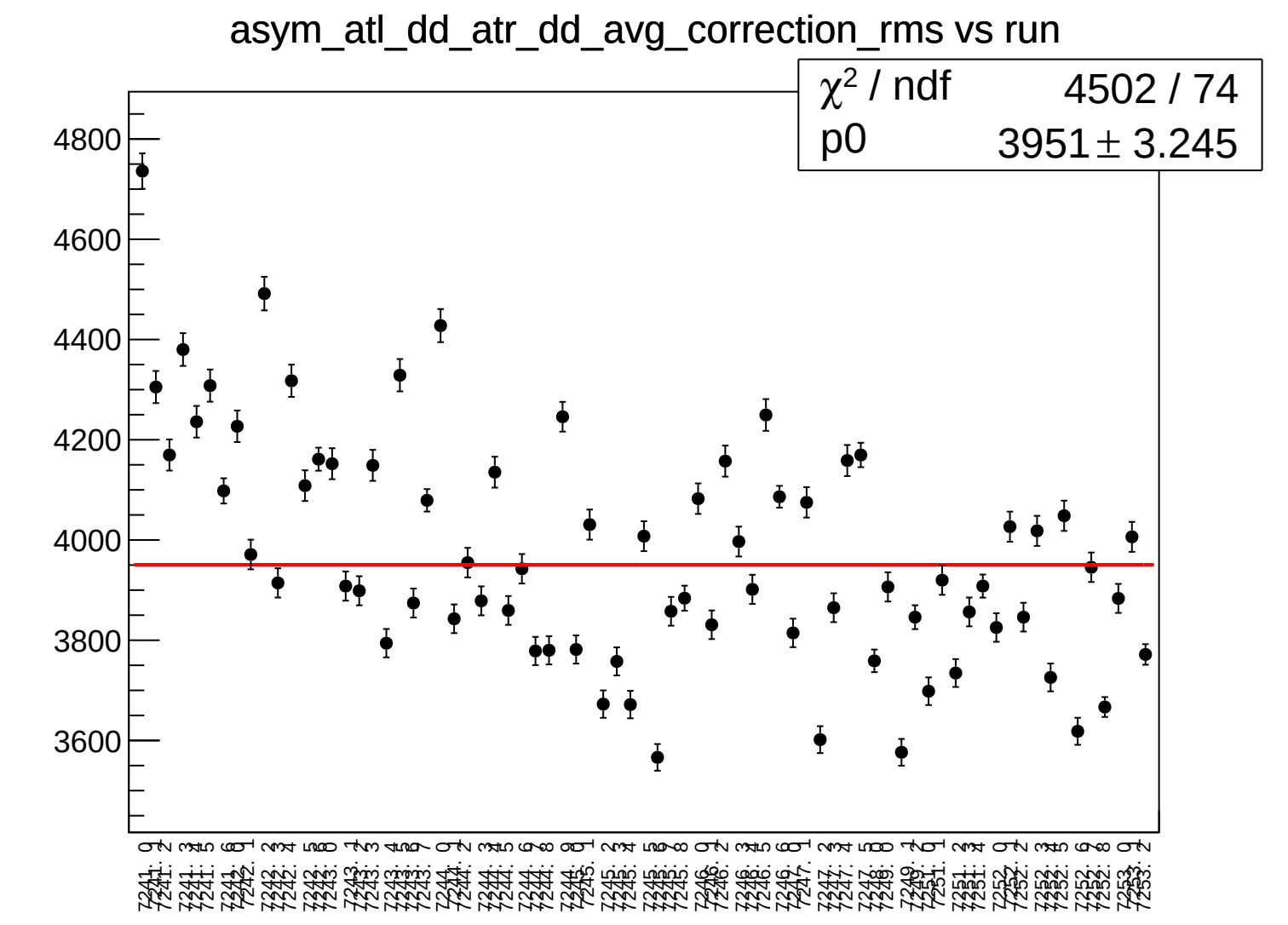

dit_asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 78.06 / 74
p0 251.6 ± 1468
60000
40000
20000
0
−20000
−40000
pull
Entries 75
Mean 2128
Std Dev 2086
2
1
0
−1
−2

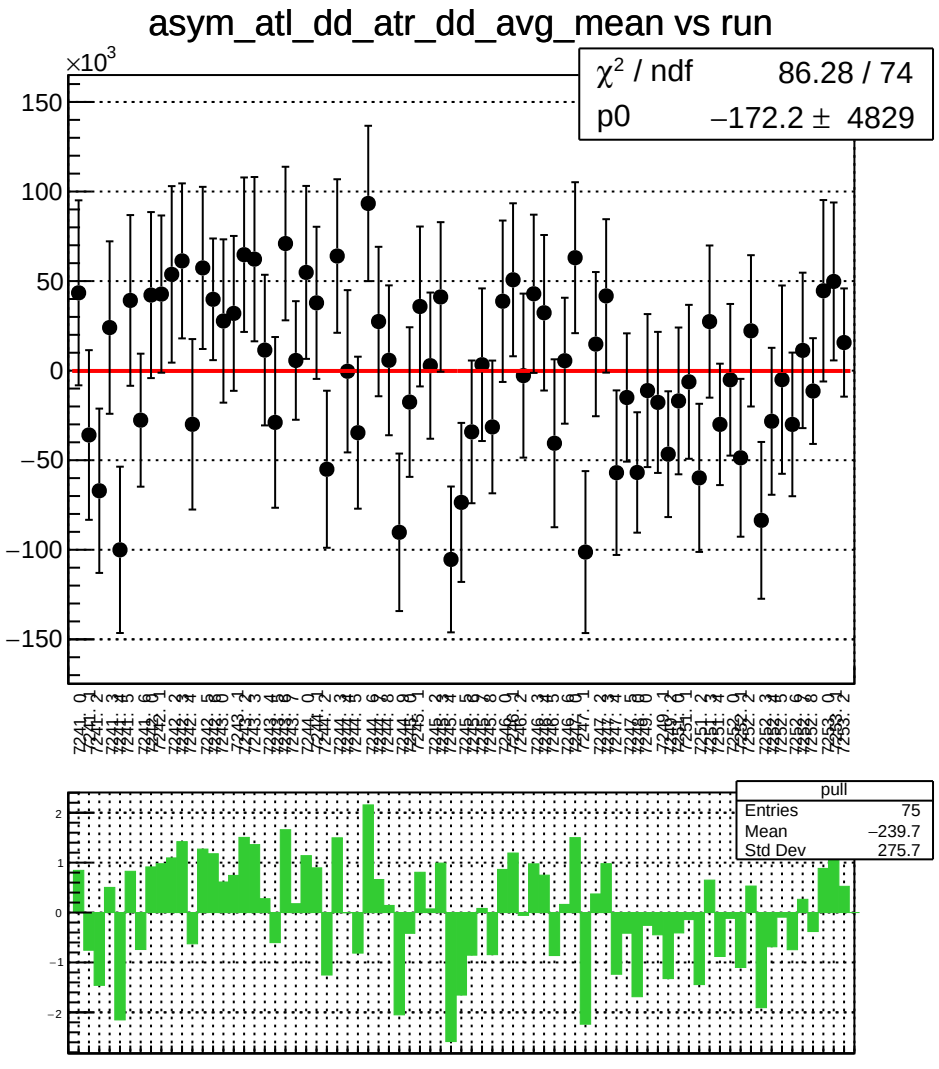

pull1D
Entries 75
Mean −0.001812
Std Dev 1.02
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

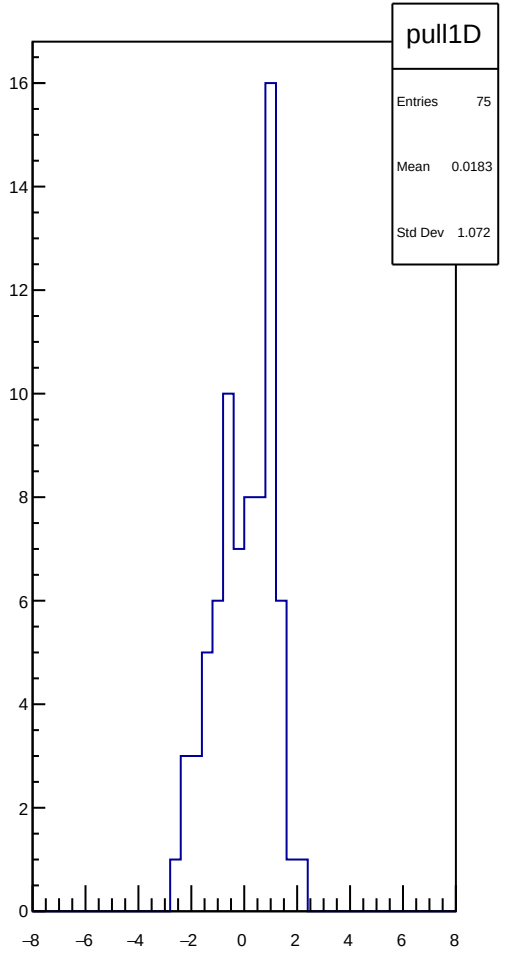

dit_asym_atl_dd_atr_dd_avg_rms vs run
χ² / ndf 1.871e+04 / 74
p0 1257 ± 1.038
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

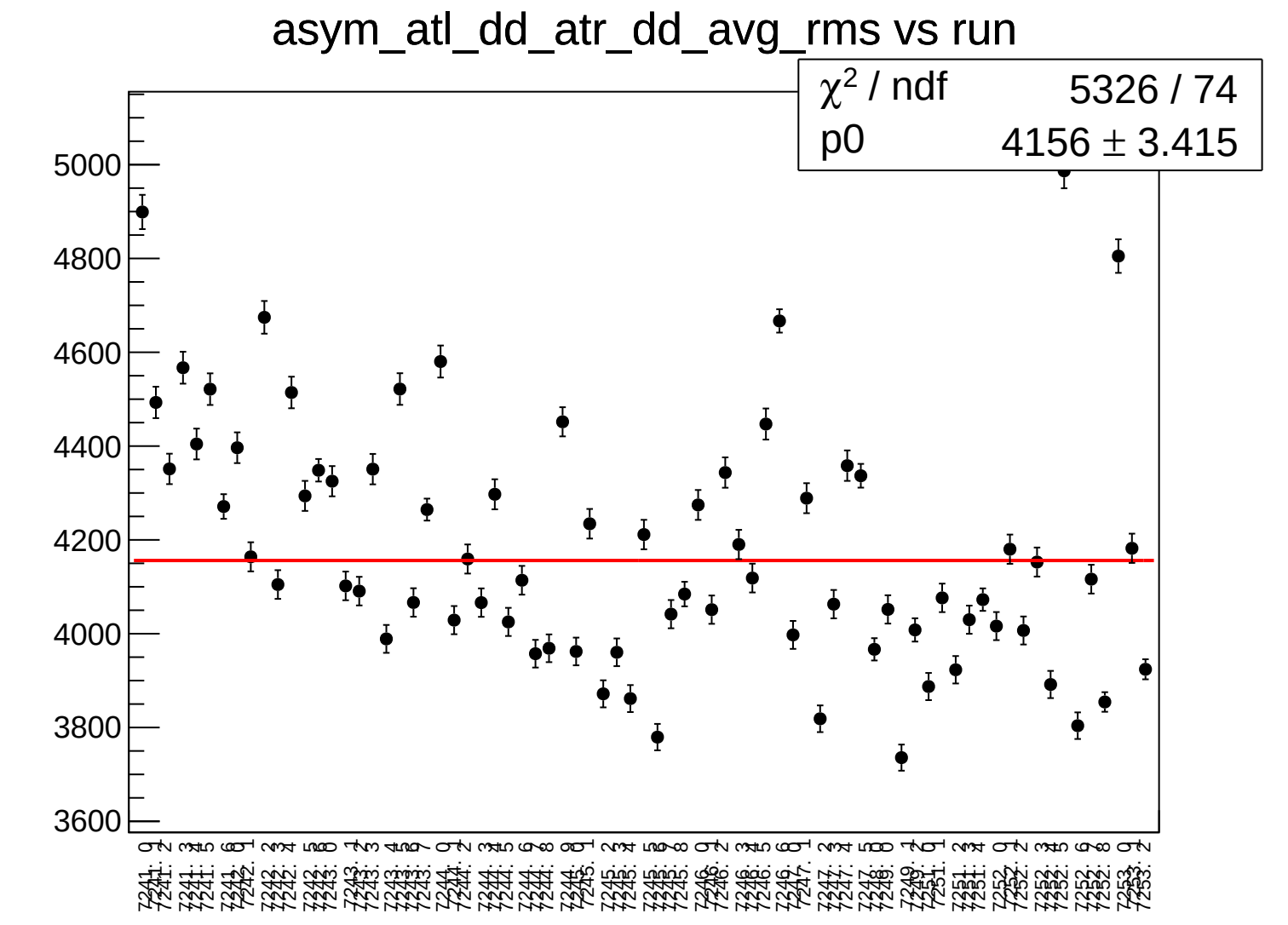

asym_atl_dd_atr_dd_avg_correction_mean vs run
×10^3
χ² / ndf 91.9 / 74
p0 66.49 ± 4589
150
100
50
0
−50
−100
−150
pull
Entries 75
Mean −289.9
Std Dev 325.1
2
1
0
−1
−2

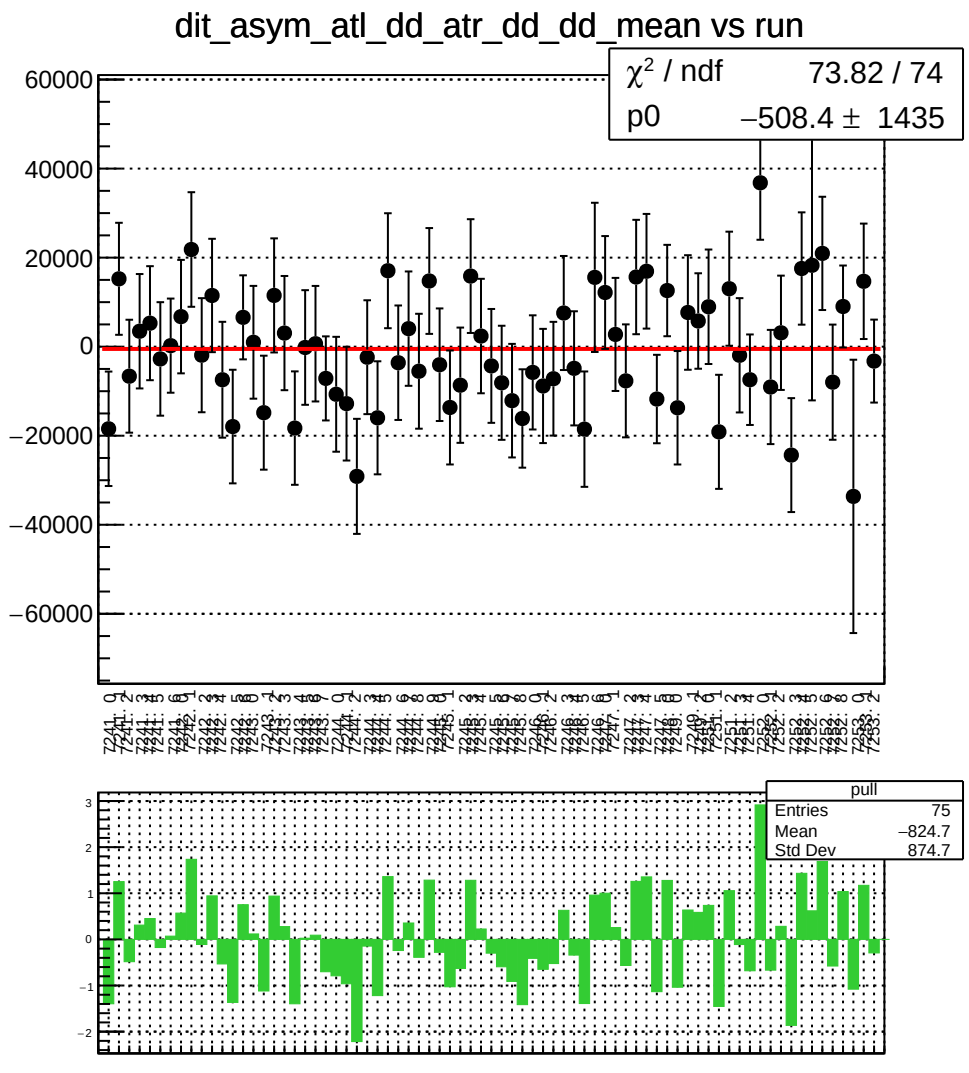

pull1D
Entries 75
Mean −0.01286
Std Dev 1.107
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

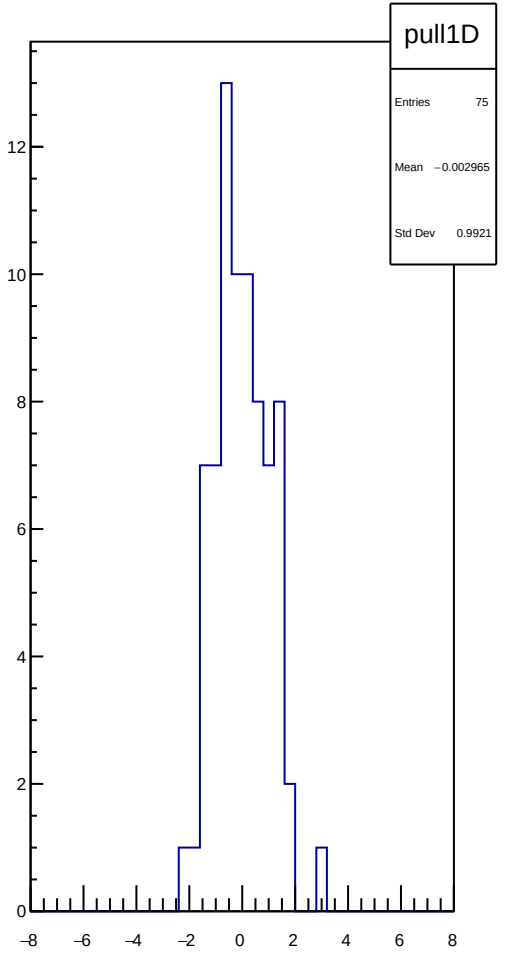

asym_atl_dd_atr_dd_avg_correction_rms vs run
χ² / ndf 4502 / 74
p0 3951 ± 3.245
4800
4600
4400
4200
4000
3800
3600

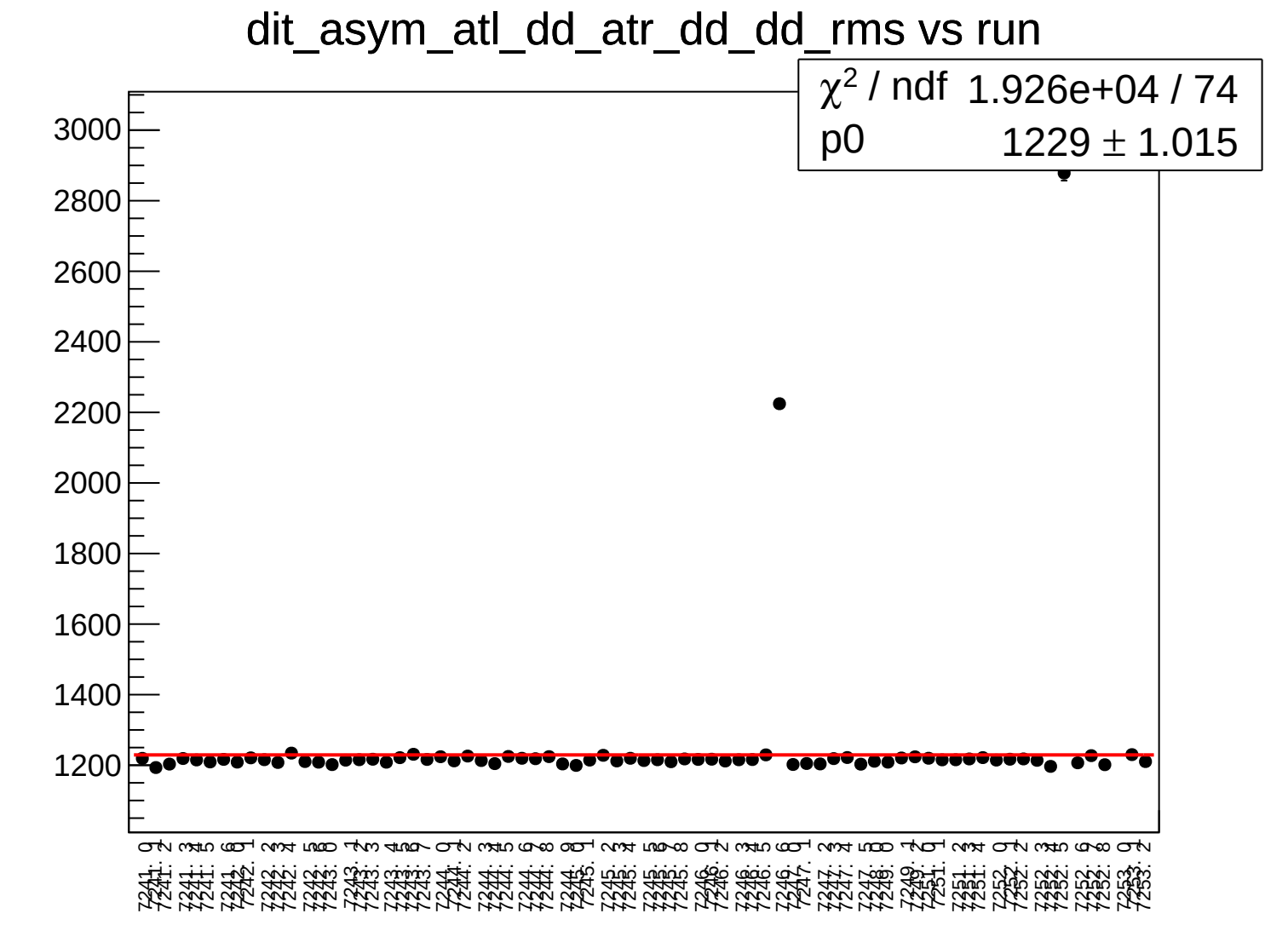

asym_atl_dd_atr_dd_avg_mean vs run
×10^3
χ² / ndf 86.28 / 74
p0 −172.2 ± 4829
150
100
50
0
−50
−100
−150
pull
Entries 75
Mean −239.7
Std Dev 275.7
2
1
0
−1
−2

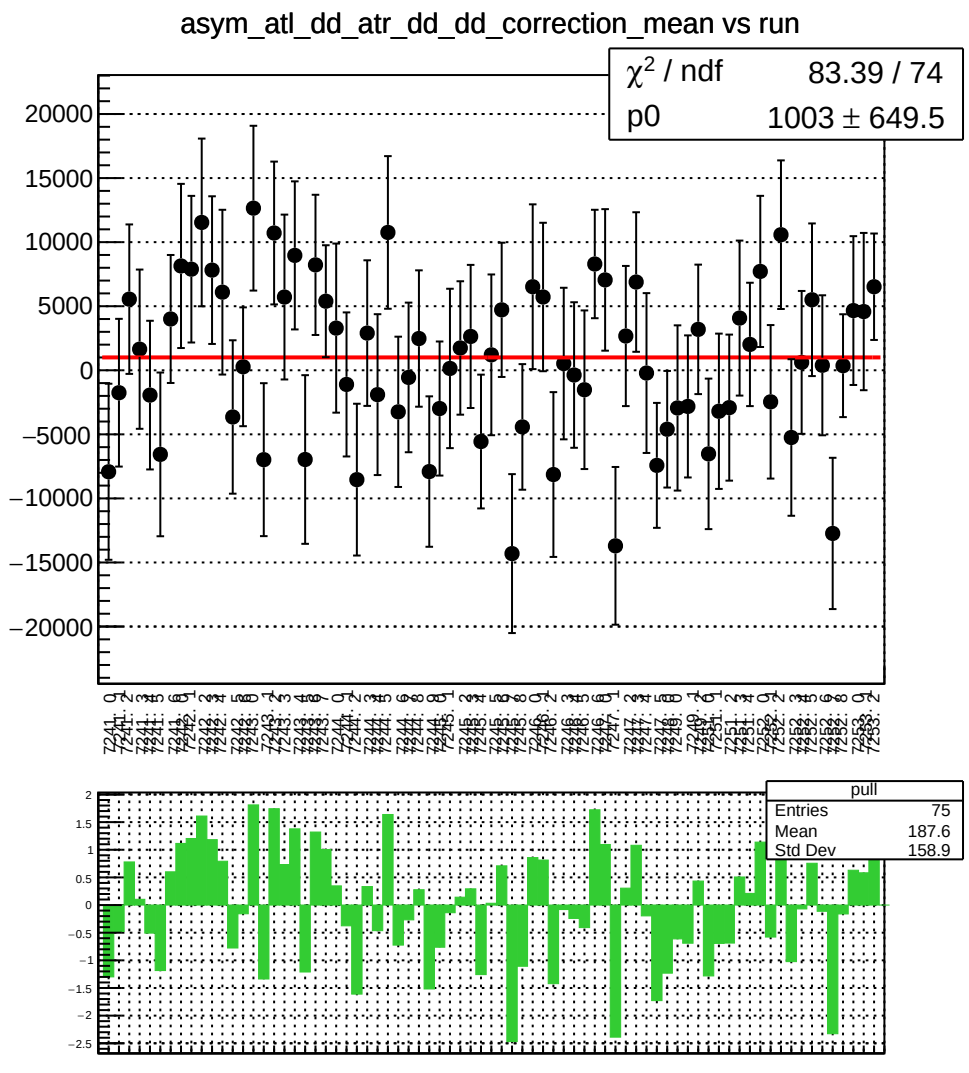

pull1D
Entries 75
Mean 0.0183
Std Dev 1.072
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

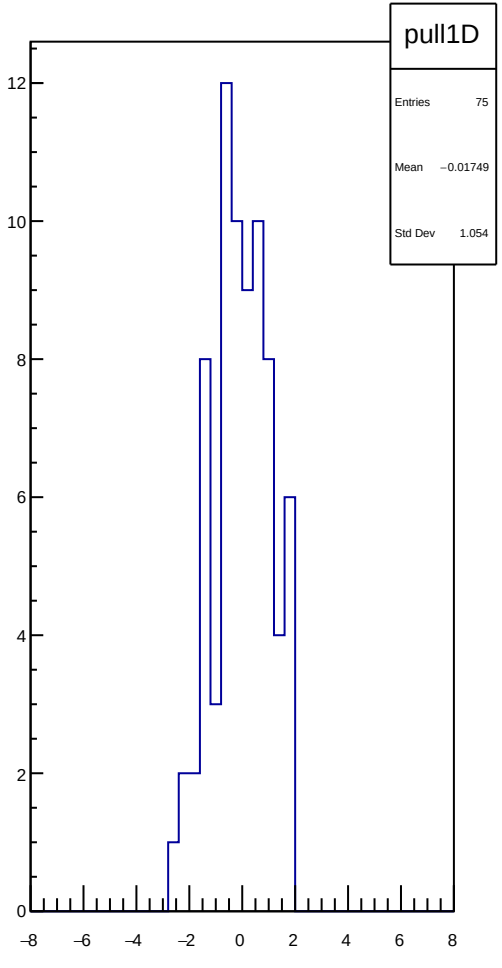

asym_atl_dd_atr_dd_avg_rms vs run
χ² / ndf 5326 / 74
p0 4156 ± 3.415
5000
4800
4600
4400
4200
4000
3800
3600

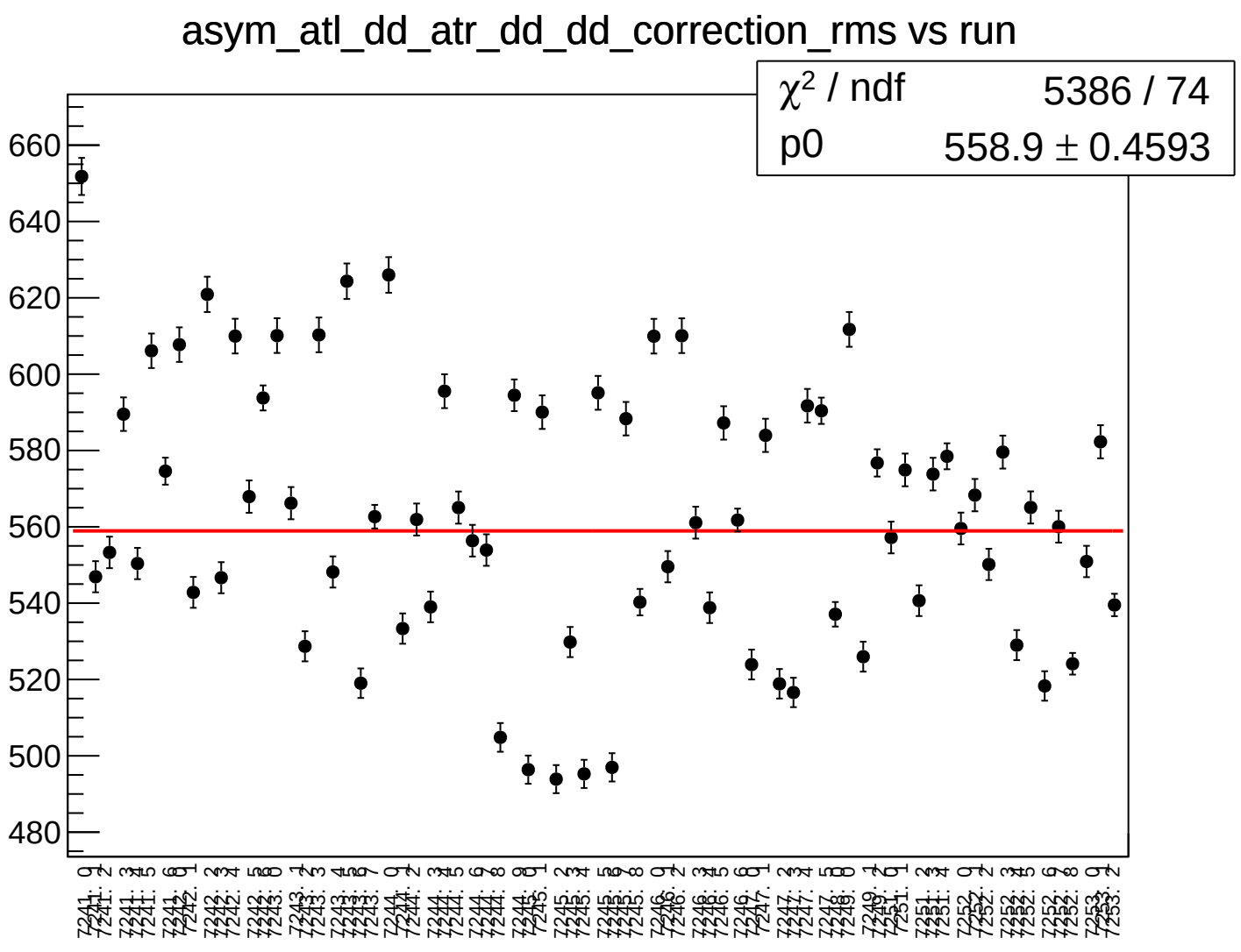

dit_asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 73.82 / 74
p0 −508.4 ± 1435
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 75
Mean −824.7
Std Dev 874.7
3
2
1
0
−1
−2

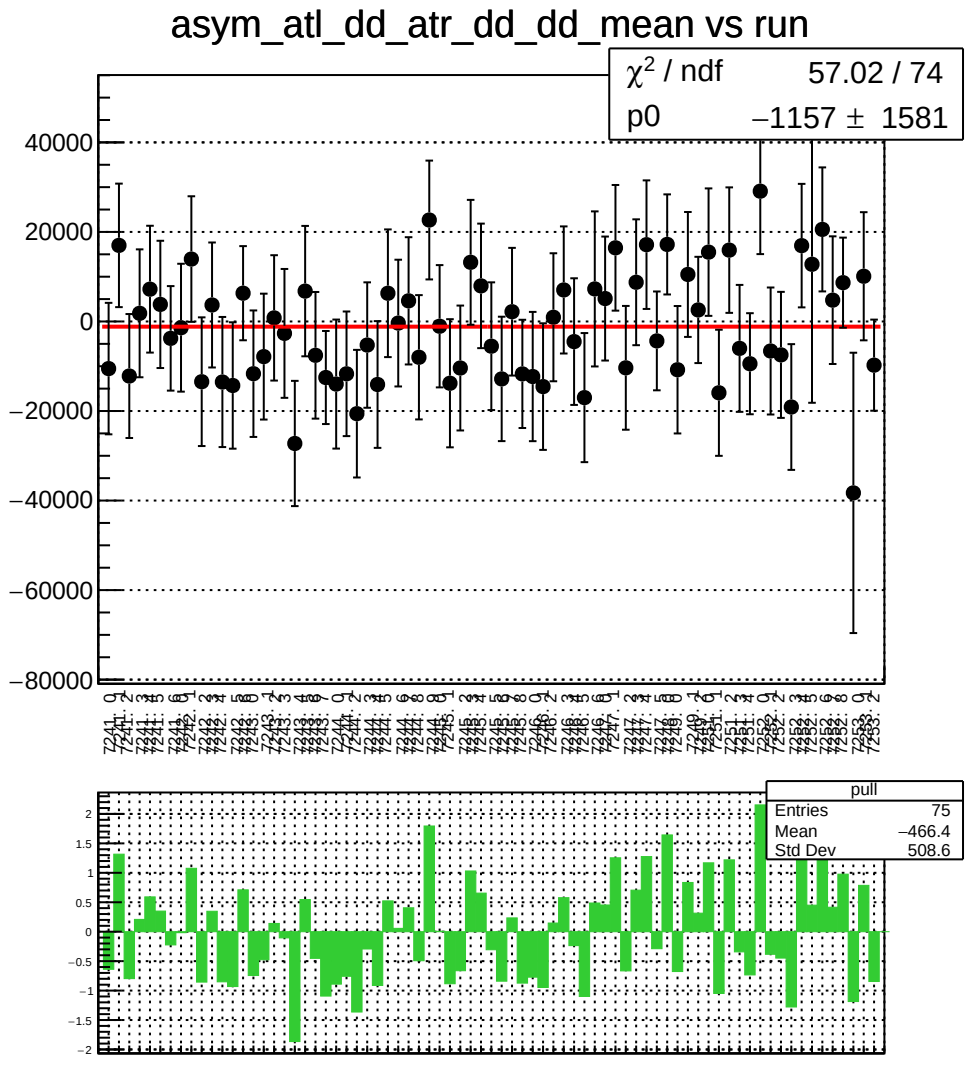

pull1D
Entries 75
Mean −0.002965
Std Dev 0.9921
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

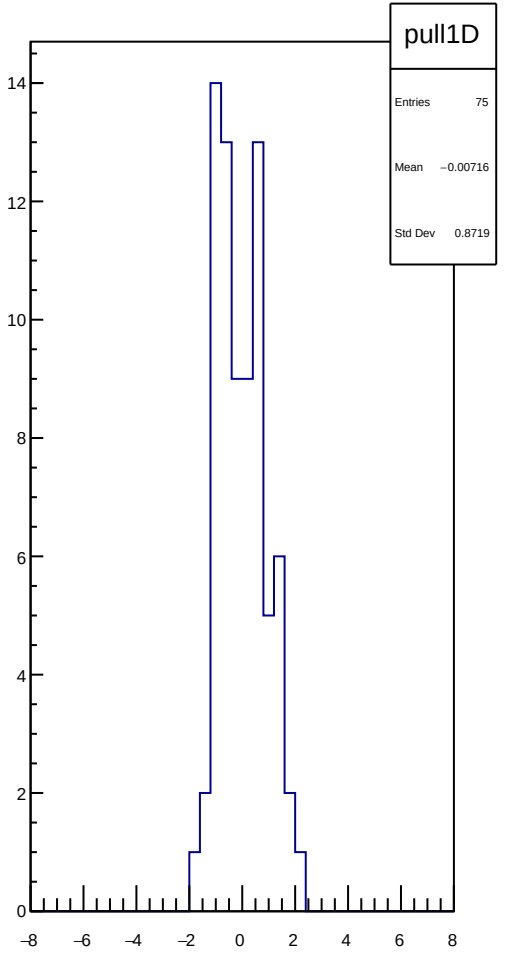

dit_asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 1.926e+04 / 74
p0 1229 ± 1.015
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

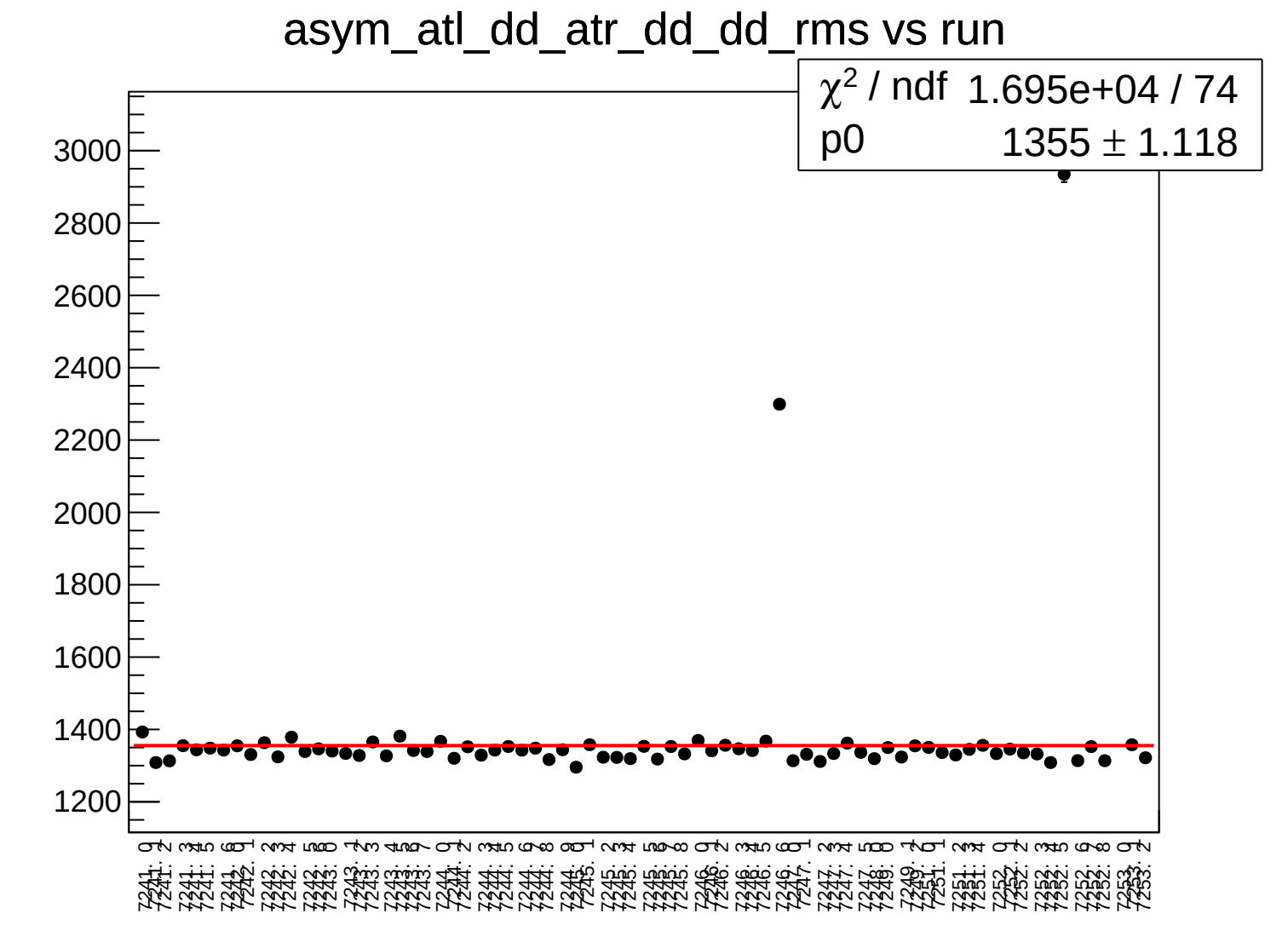

asym_atl_dd_atr_dd_dd_correction_mean vs run
χ² / ndf 83.39 / 74
p0 1003 ± 649.5
pull
Entries 75
Mean 187.6
Std Dev 158.9

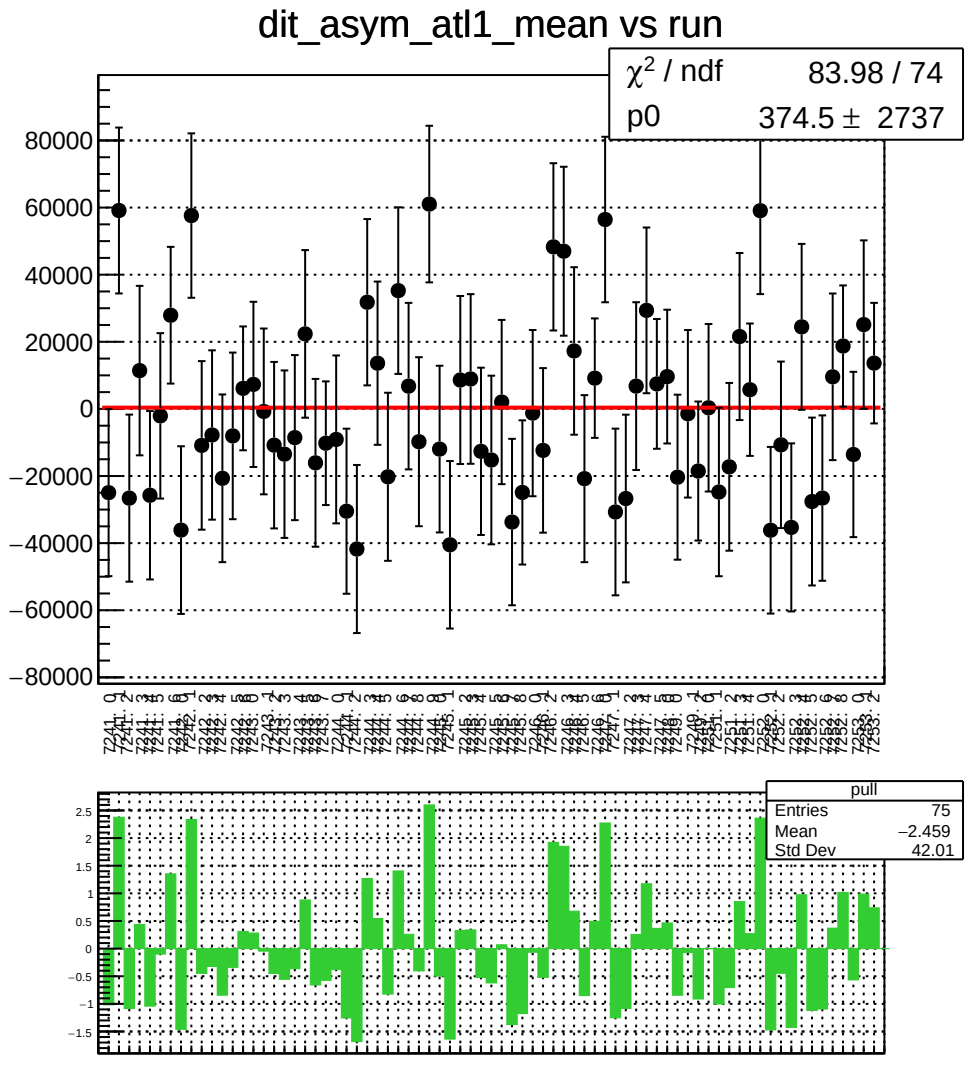

pull1D
Entries 75
Mean −0.01749
Std Dev 1.054

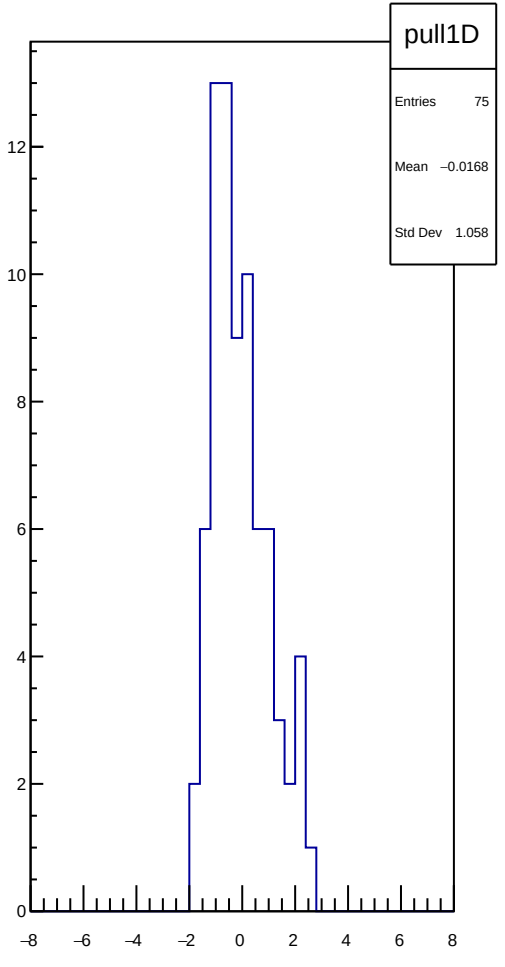

asym_atl_dd_atr_dd_dd_correction_rms vs run
χ² / ndf 5386 / 74
p0 558.9 ± 0.4593
660
640
620
600
580
560
540
520
500
480

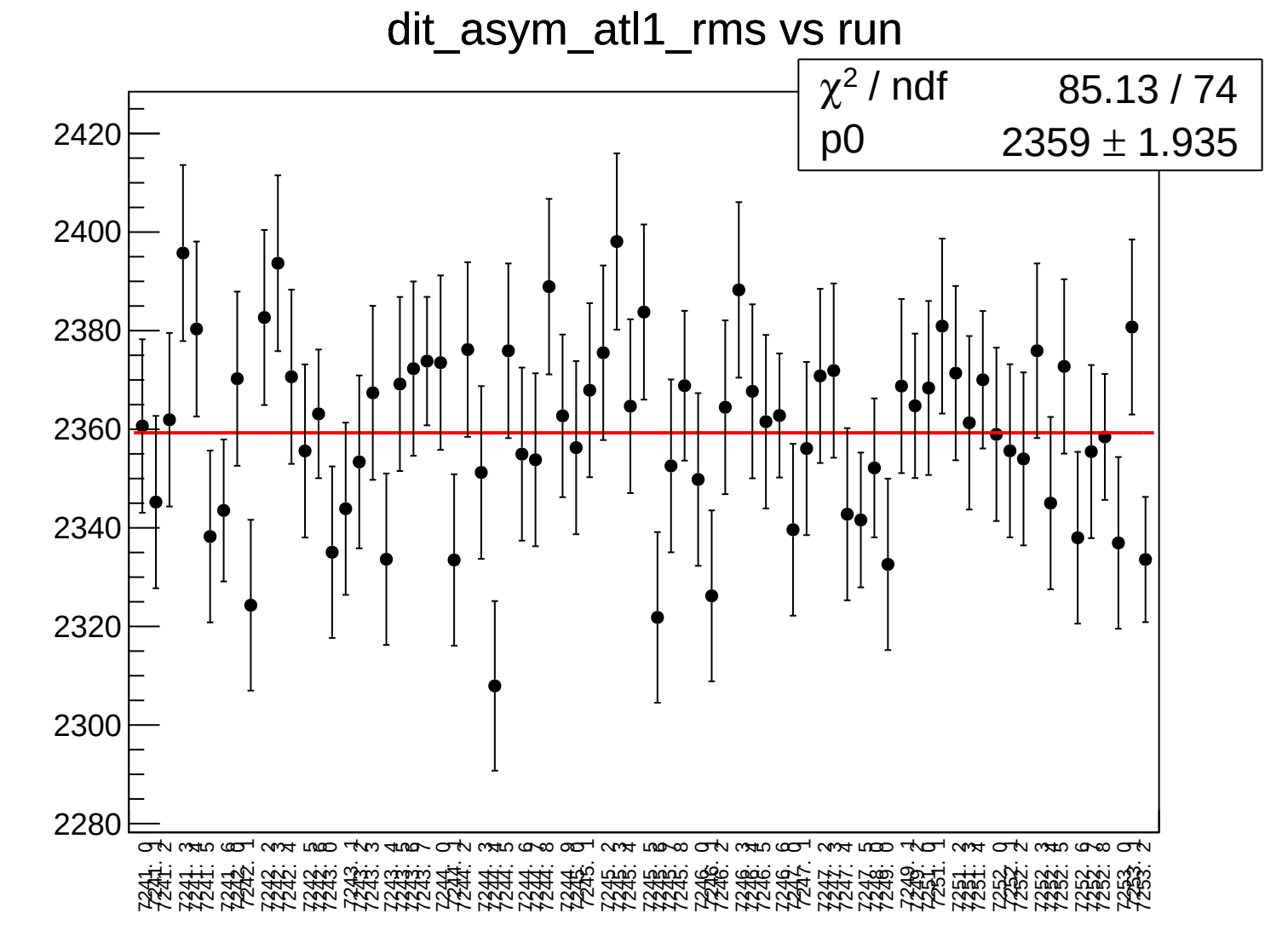

asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 57.02 / 74
p0 −1157 ± 1581
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 75
Mean −466.4
Std Dev 508.6
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

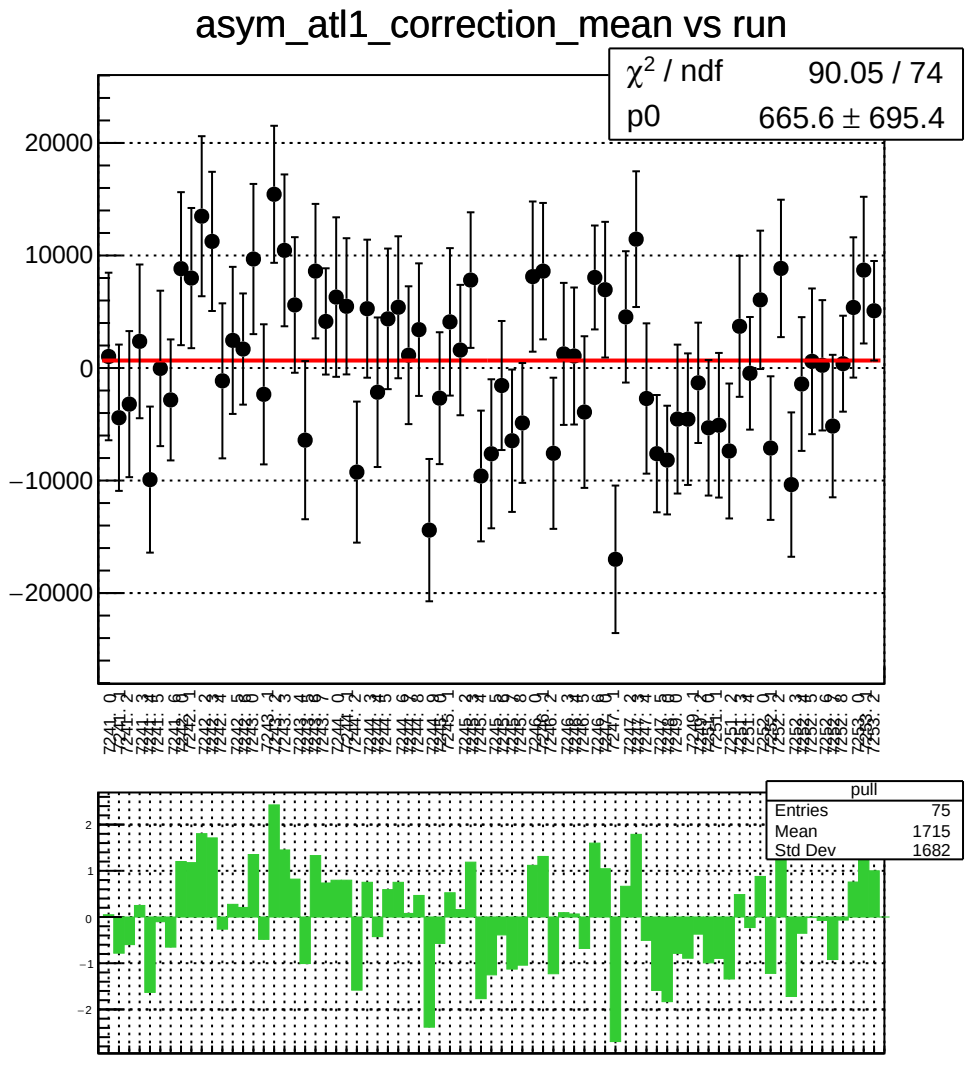

pull1D
Entries 75
Mean −0.00716
Std Dev 0.8719
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

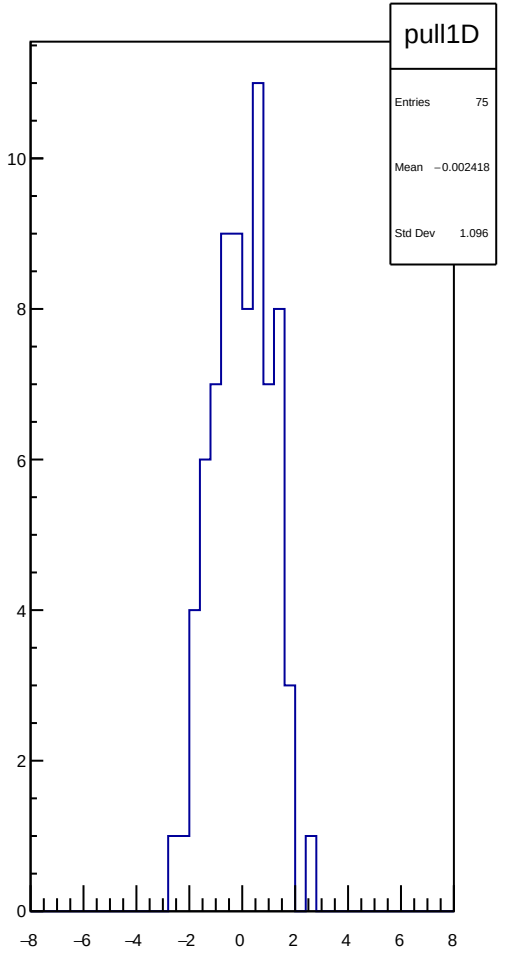

asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 1.695e+04 / 74
p0 1355 ± 1.118
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

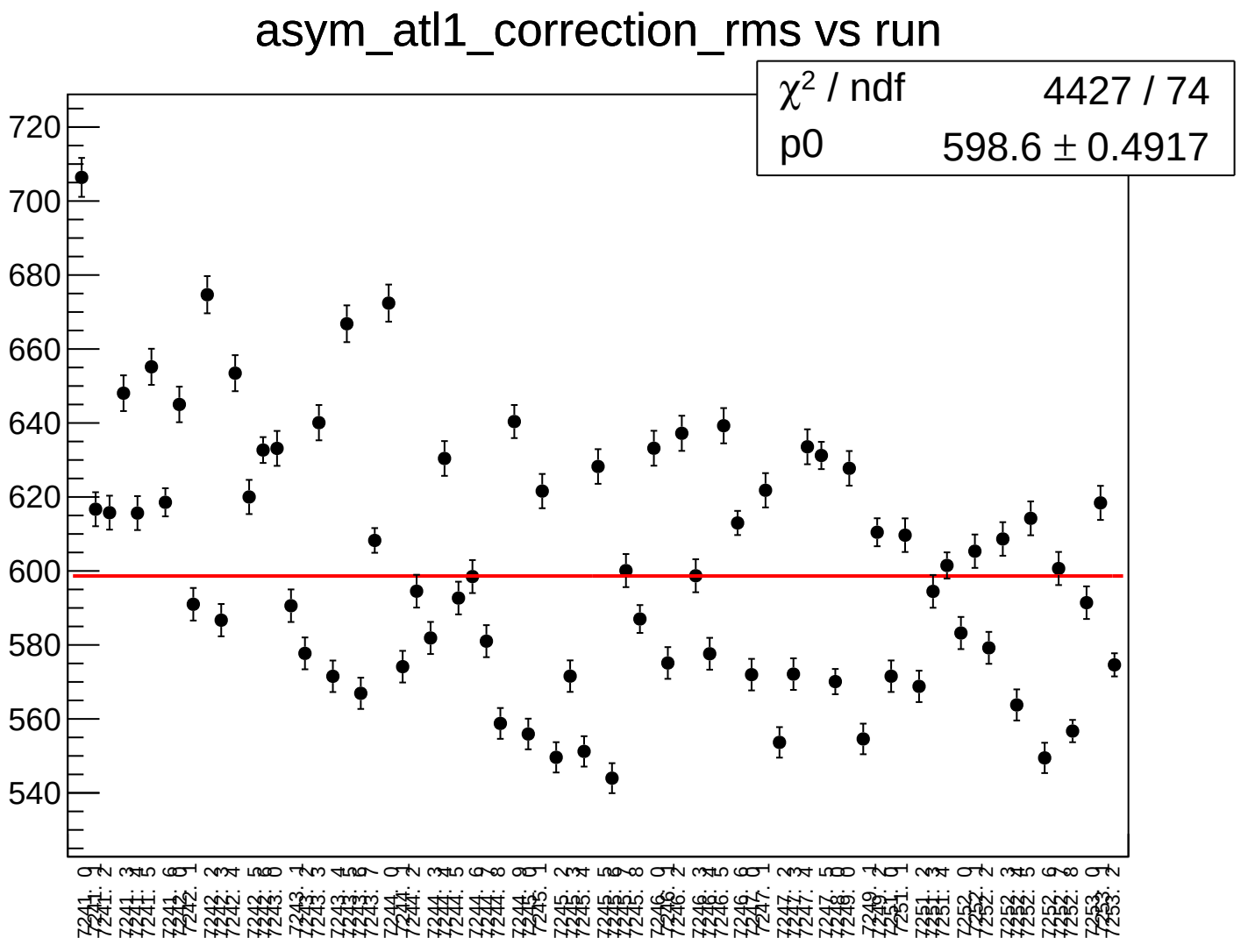

dit_asym_atl1_mean vs run
χ² / ndf 83.98 / 74
p0 374.5 ± 2737
pull
Entries 75
Mean −2.459
Std Dev 42.01

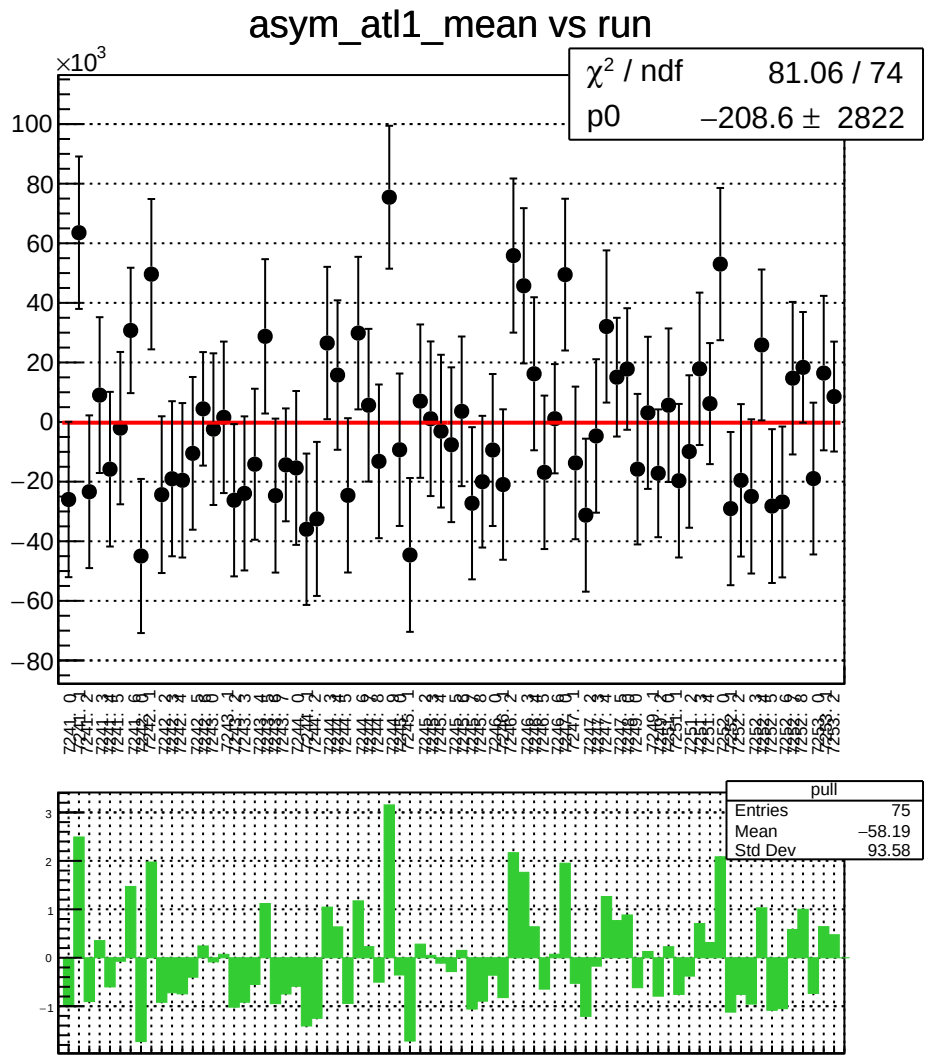

pull1D
Entries 75
Mean −0.0168
Std Dev 1.058

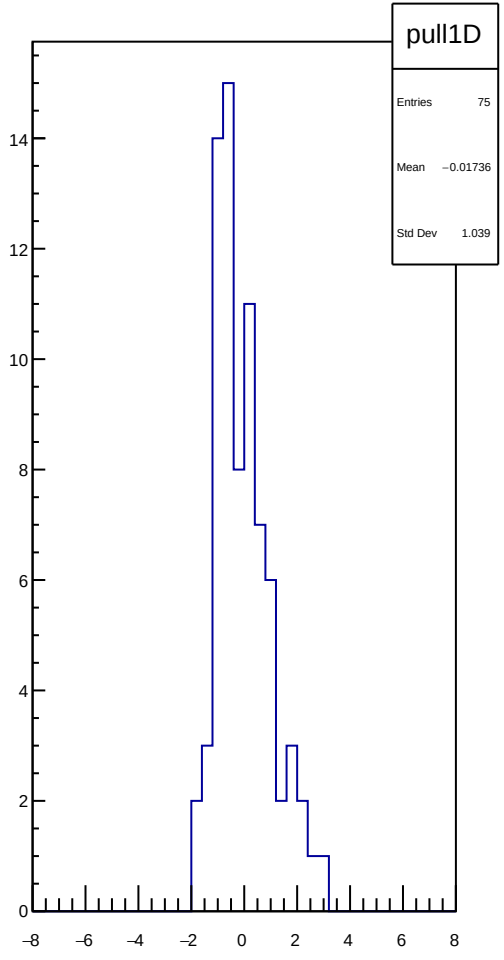

dit_asym_atl1_rms vs run
χ² / ndf 85.13 / 74
p0 2359 ± 1.935
2420
2400
2380
2360
2340
2320
2300
2280

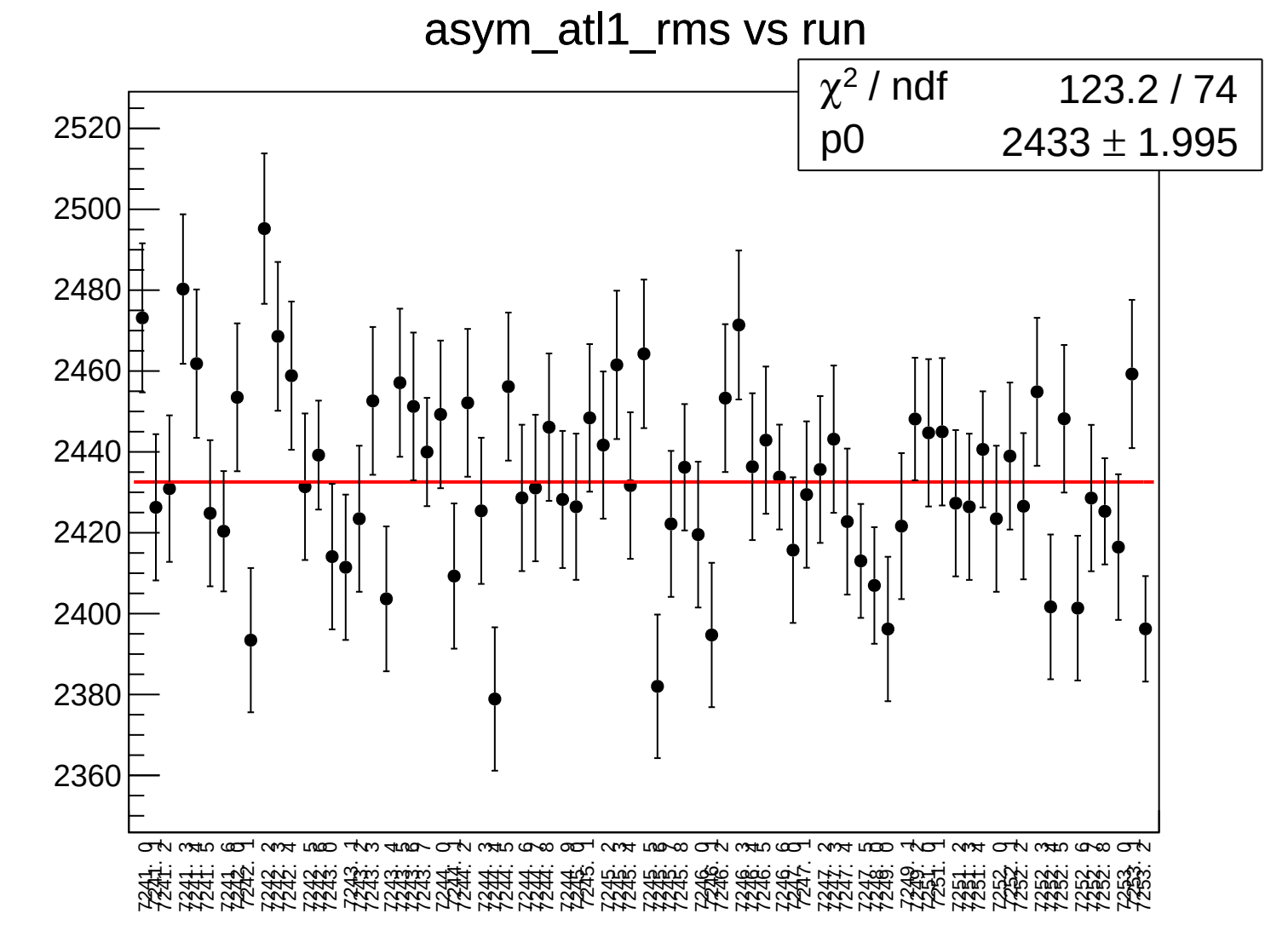

asym_atl1_correction_mean vs run
χ² / ndf 90.05 / 74
p0 665.6 ± 695.4
20000
10000
0
−10000
−20000
pull
Entries 75
Mean 1715
Std Dev 1682
2
1
0
−1
−2

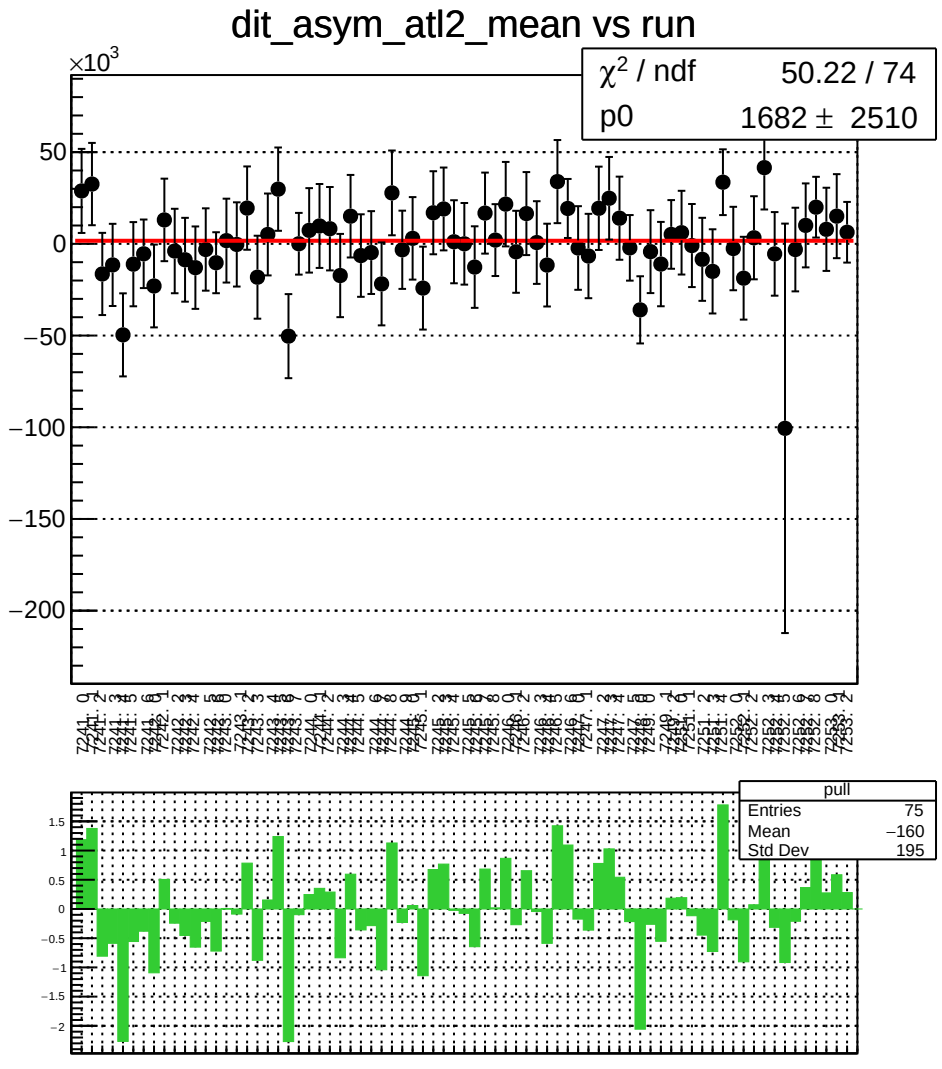

pull1D
Entries 75
Mean −0.002418
Std Dev 1.096
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

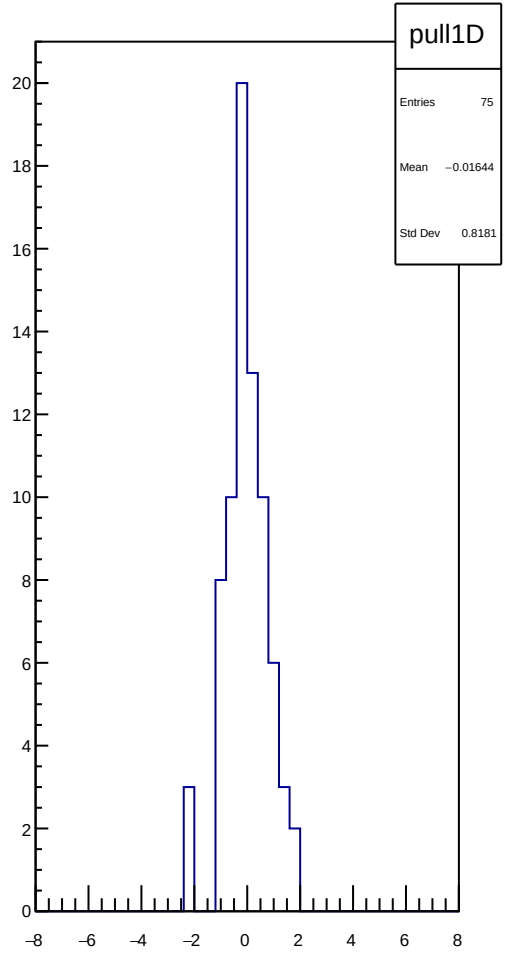

asym_atl1_correction_rms vs run
χ² / ndf 4427 / 74
p0 598.6 ± 0.4917
720
700
680
660
640
620
600
580
560
540

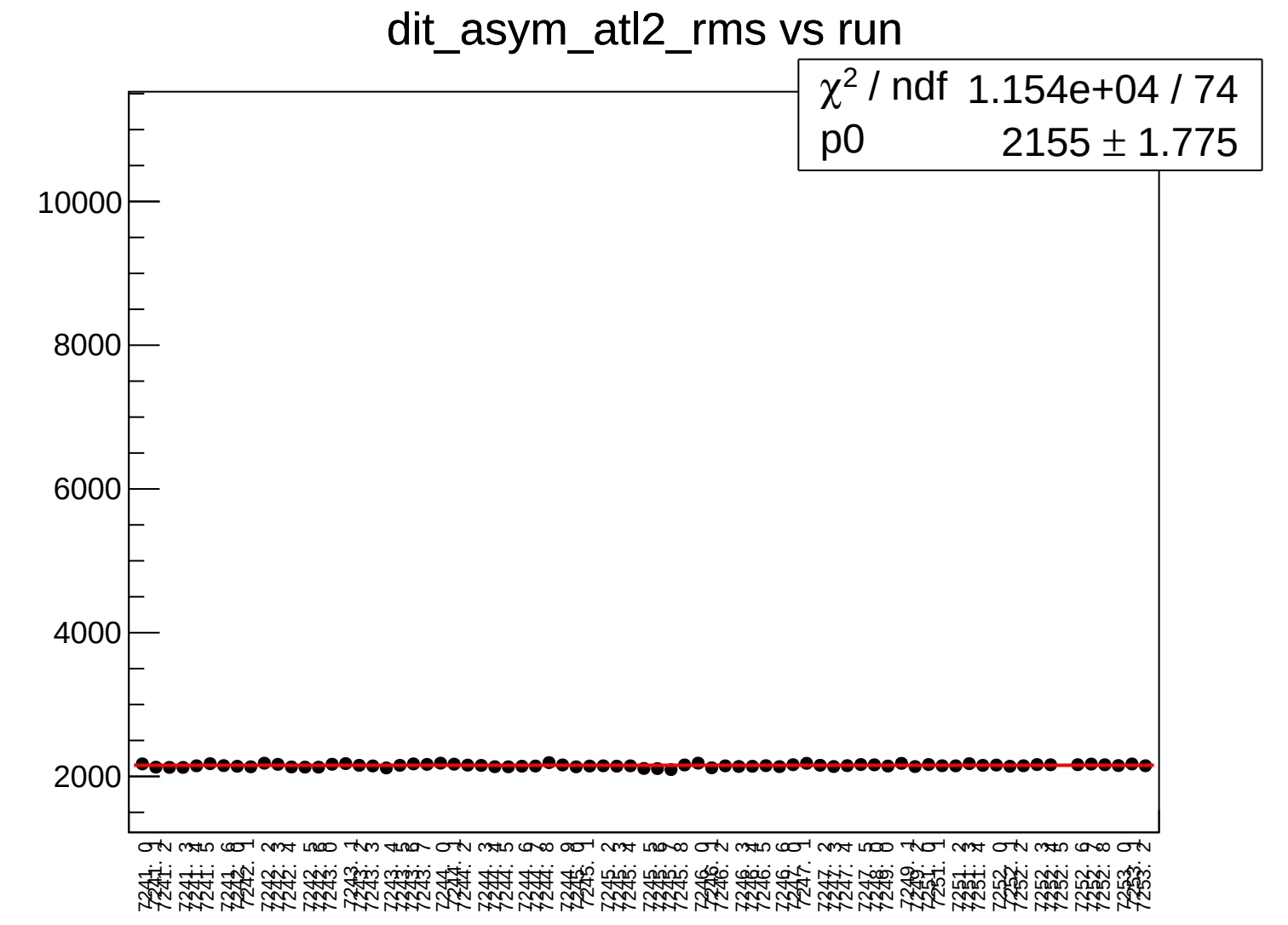

asym_atl1_mean vs run
×10^3
χ² / ndf 81.06 / 74
p0 −208.6 ± 2822
100
80
60
40
20
0
−20
−40
−60
−80
pull
Entries 75
Mean −58.19
Std Dev 93.58
3
2
1
0
−1

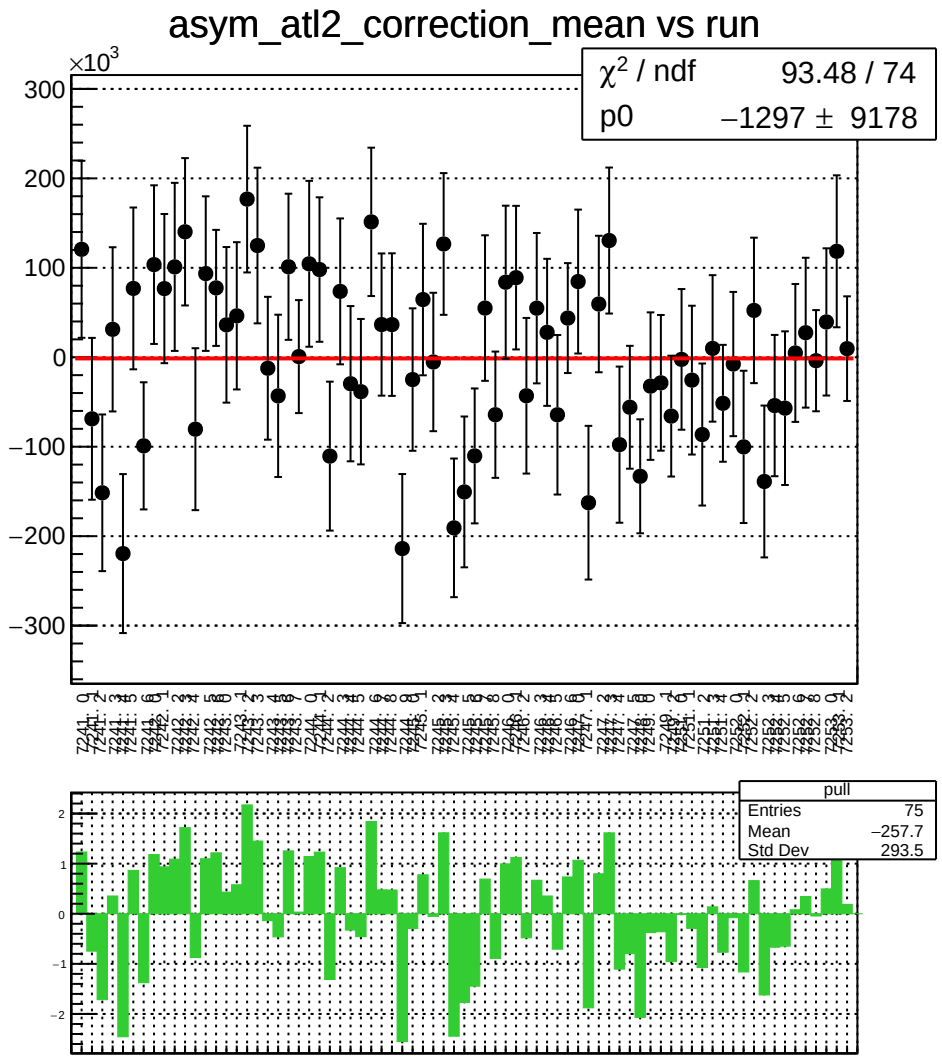

pull1D
Entries 75
Mean −0.01736
Std Dev 1.039
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

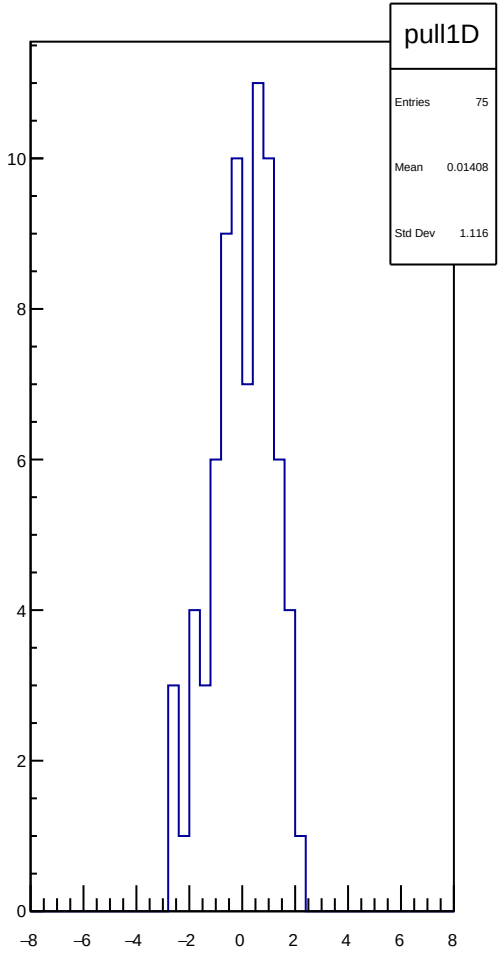

asym_atl1_rms vs run
χ^2 / ndf 123.2 / 74
p0 2433 ± 1.995
2520
2500
2480
2460
2440
2420
2400
2380
2360

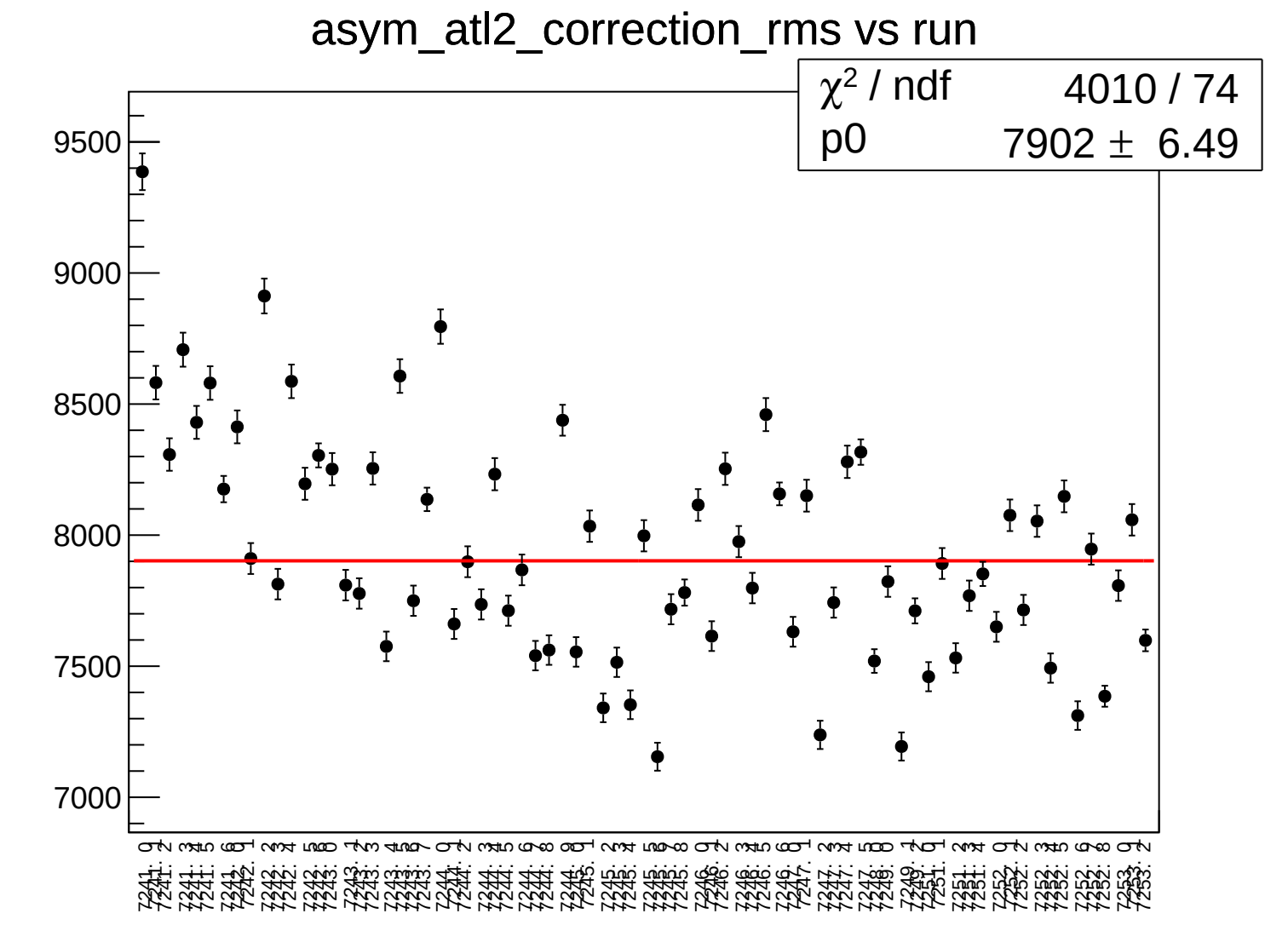

dit_asym_atl2_mean vs run
×10^3
χ^2 / ndf 50.22 / 74
p0 1682 ± 2510
50
0
−50
−100
−150
−200
pull
Entries 75
Mean −160
Std Dev 195
1.5
1
0.5
0
−0.5
−1
−1.5
−2

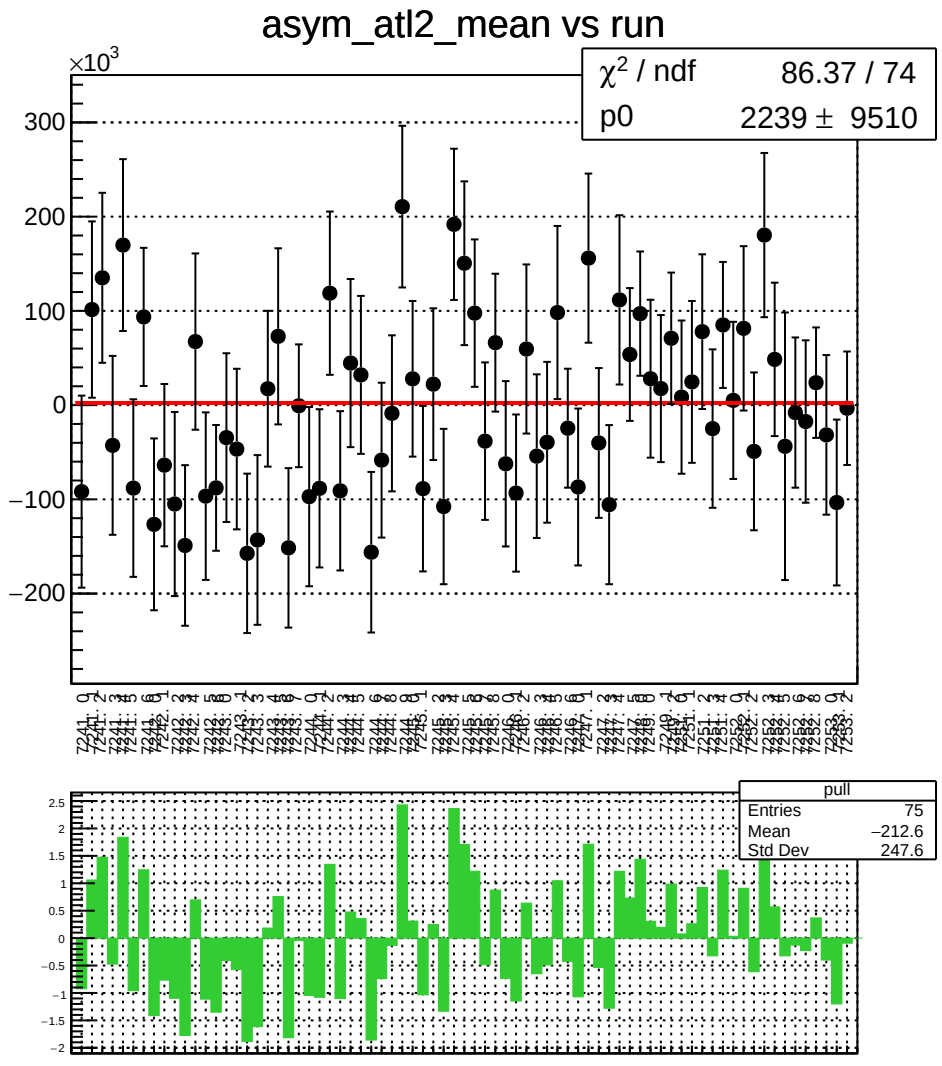

pull1D
Entries 75
Mean −0.01644
Std Dev 0.8181
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

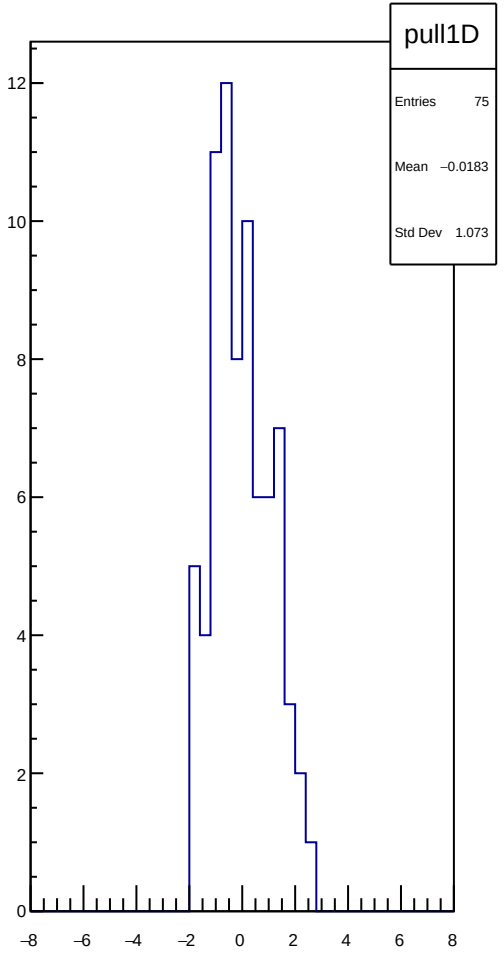

dit_asym_atl2_rms vs run
χ² / ndf 1.154e+04 / 74
p0 2155 ± 1.775
10000
8000
6000
4000
2000

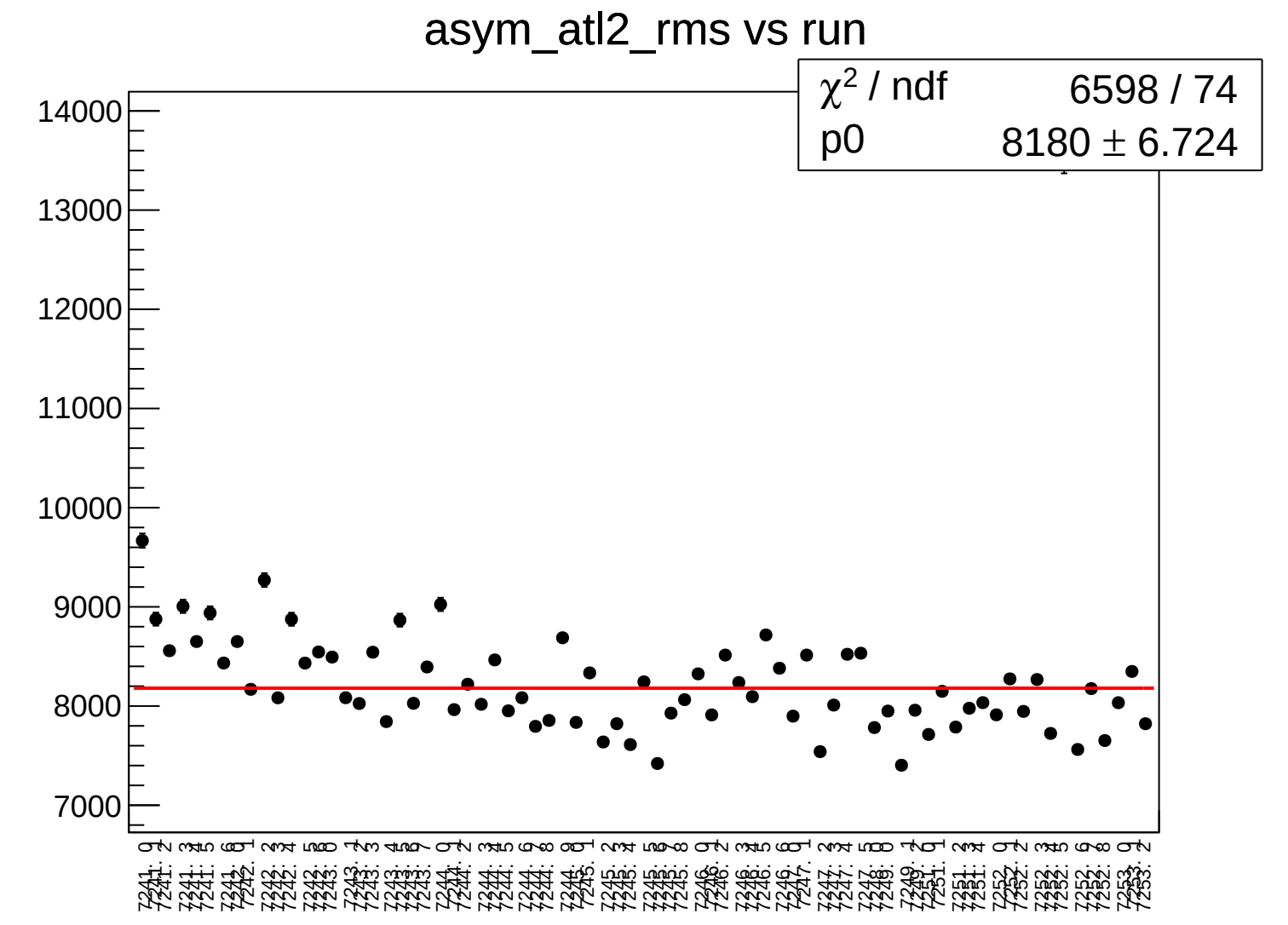

asym_atl2_correction_mean vs run
×10^3
χ² / ndf 93.48 / 74
p0 −1297 ± 9178
pull
Entries 75
Mean −257.7
Std Dev 293.5

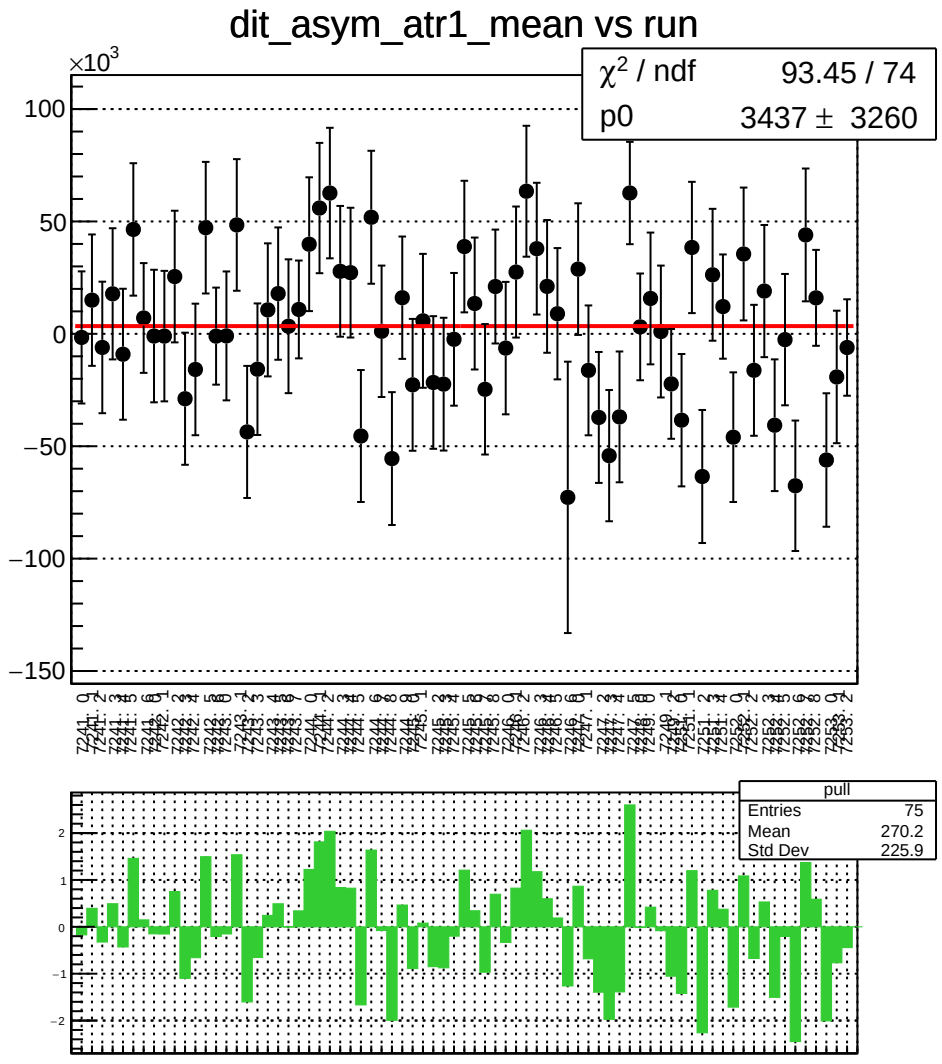

pull1D
Entries 75
Mean 0.01408
Std Dev 1.116

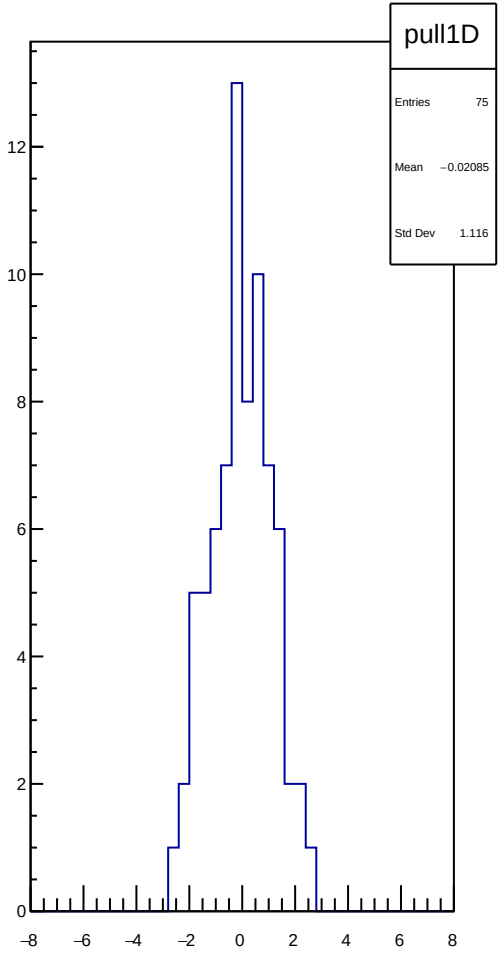

asym_atl2_correction_rms vs run
χ² / ndf 4010 / 74
p0 7902 ± 6.49
9500
9000
8500
8000
7500
7000

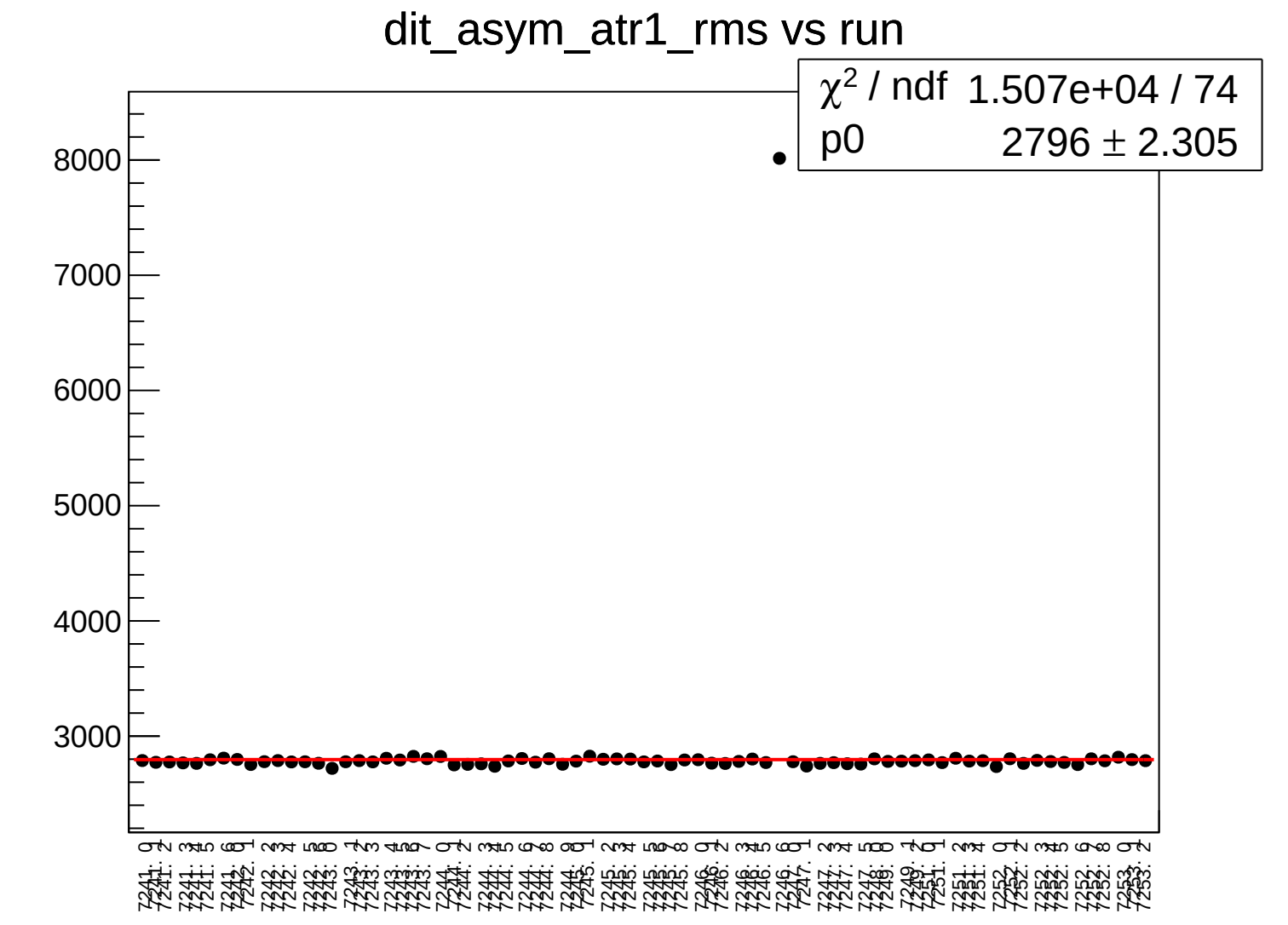

asym_atl2_mean vs run
×10^3
χ² / ndf 86.37 / 74
p0 2239 ± 9510
pull
Entries 75
Mean −212.6
Std Dev 247.6

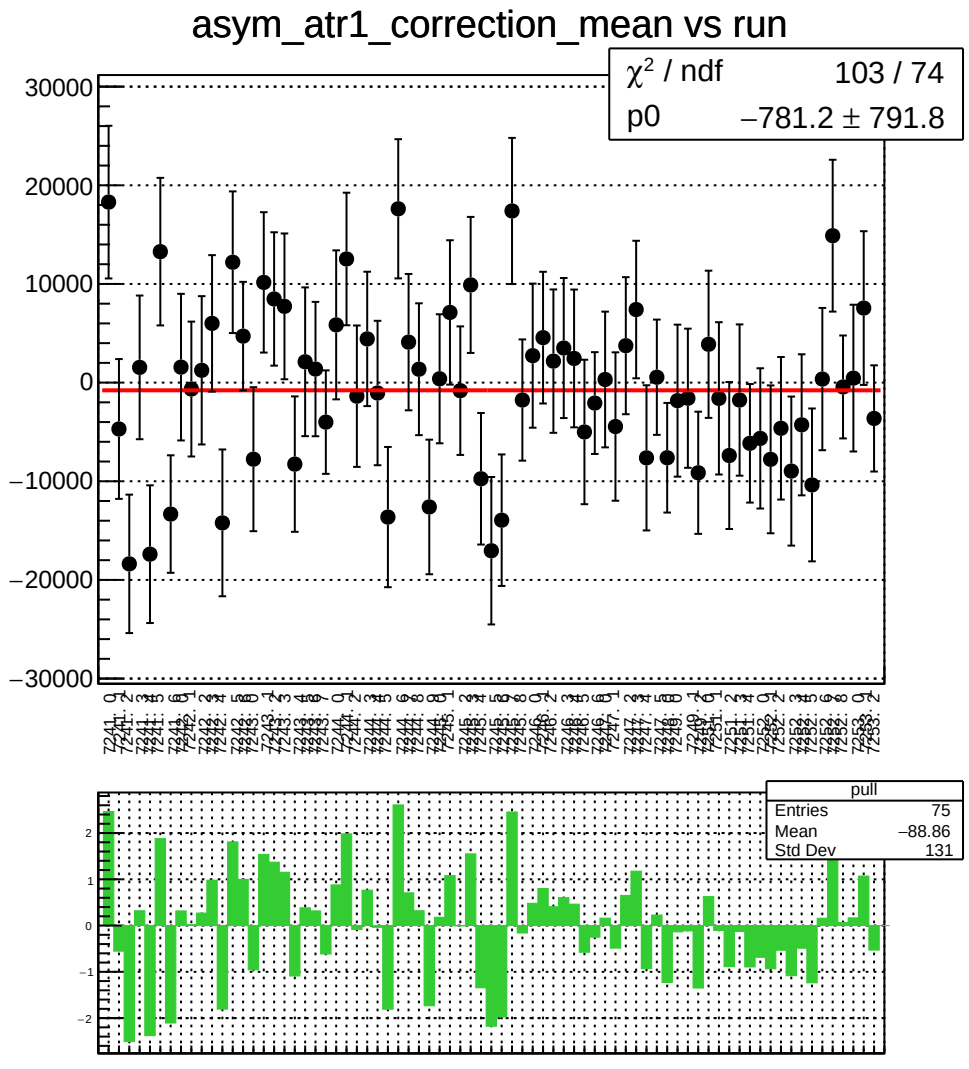

pull1D
Entries 75
Mean −0.0183
Std Dev 1.073

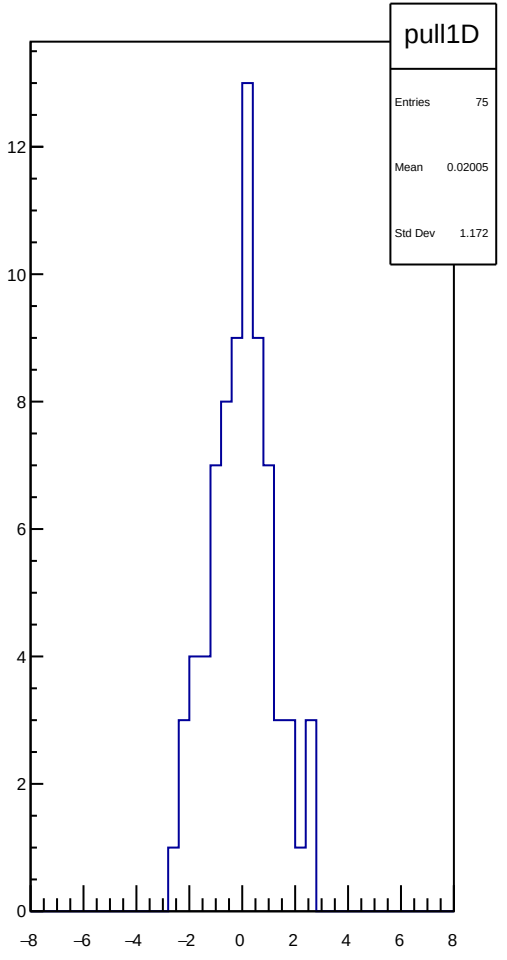

asym_atl2_rms vs run
χ² / ndf 6598 / 74
p0 8180 ± 6.724
14000
13000
12000
11000
10000
9000
8000
7000

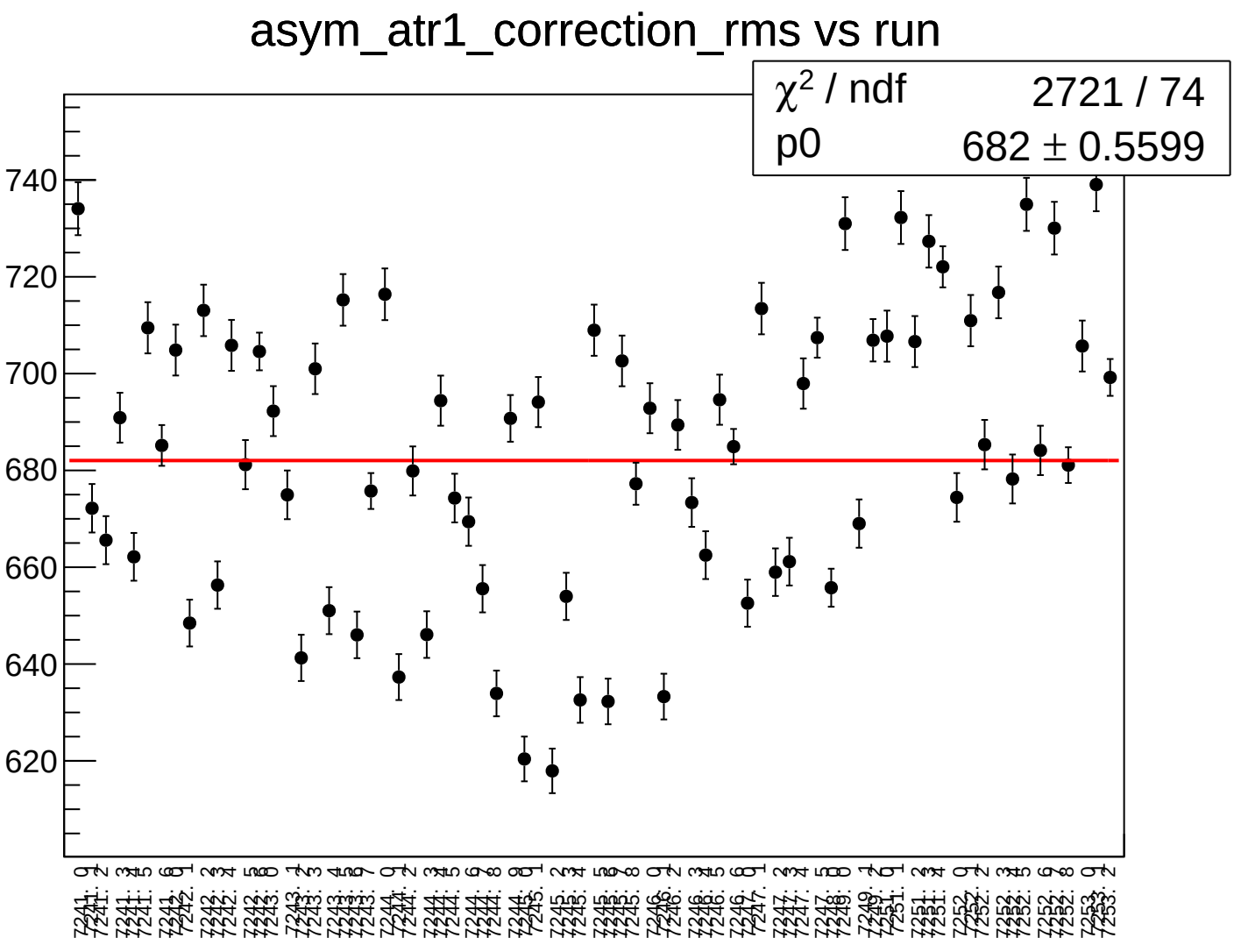

dit_asym_atr1_mean vs run
×10^3
χ^2 / ndf 93.45 / 74
p0 3437 ± 3260
pull
Entries 75
Mean 270.2
Std Dev 225.9

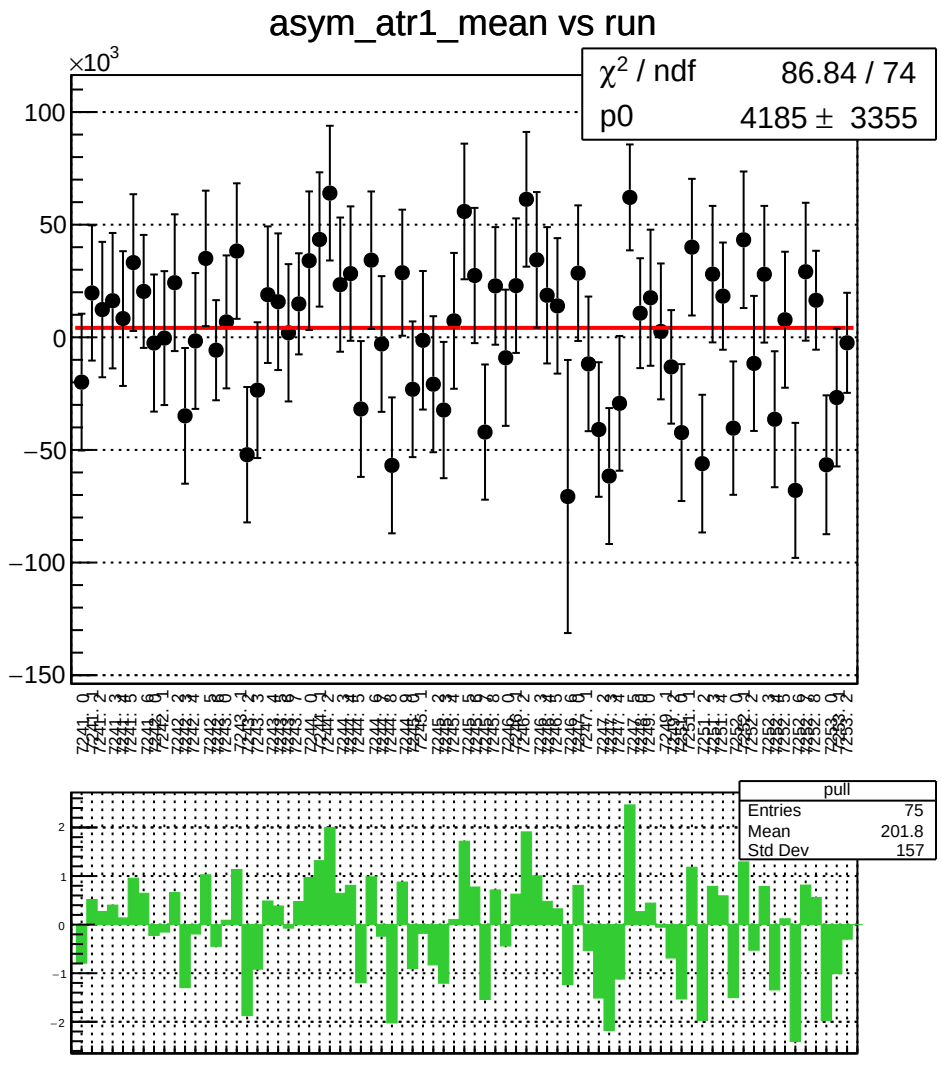

pull1D
Entries 75
Mean −0.02085
Std Dev 1.116

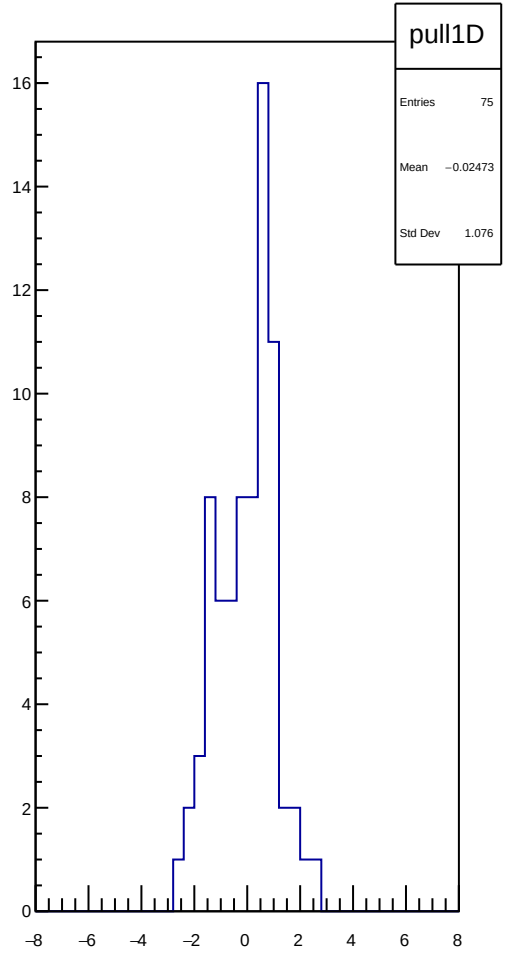

dit_asym_atr1_rms vs run
χ² / ndf 1.507e+04 / 74
p0 2796 ± 2.305
8000
7000
6000
5000
4000
3000

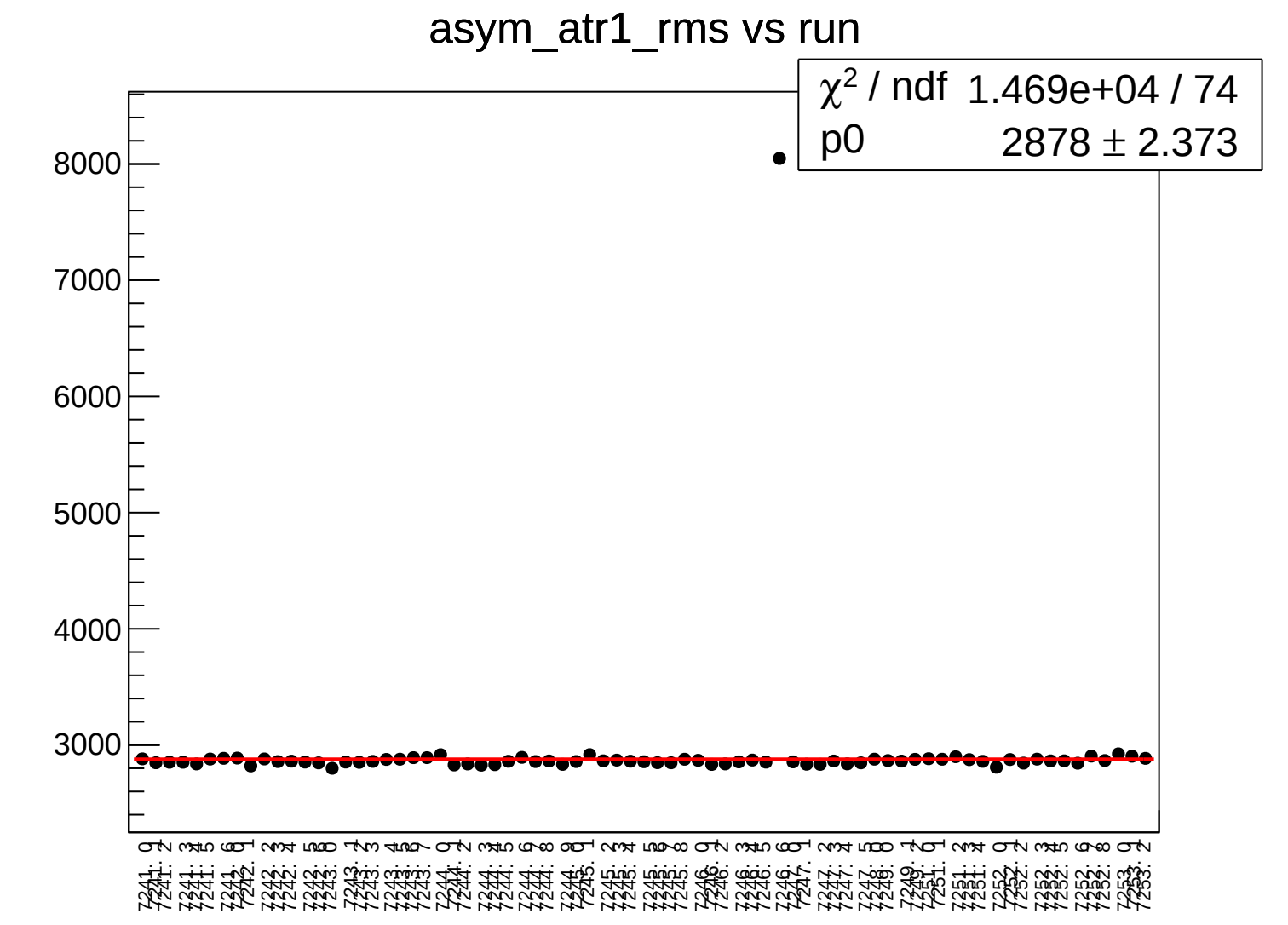

asym_atr1_correction_mean vs run
χ² / ndf 103 / 74
p0 −781.2 ± 791.8
pull
Entries 75
Mean −88.86
Std Dev 131

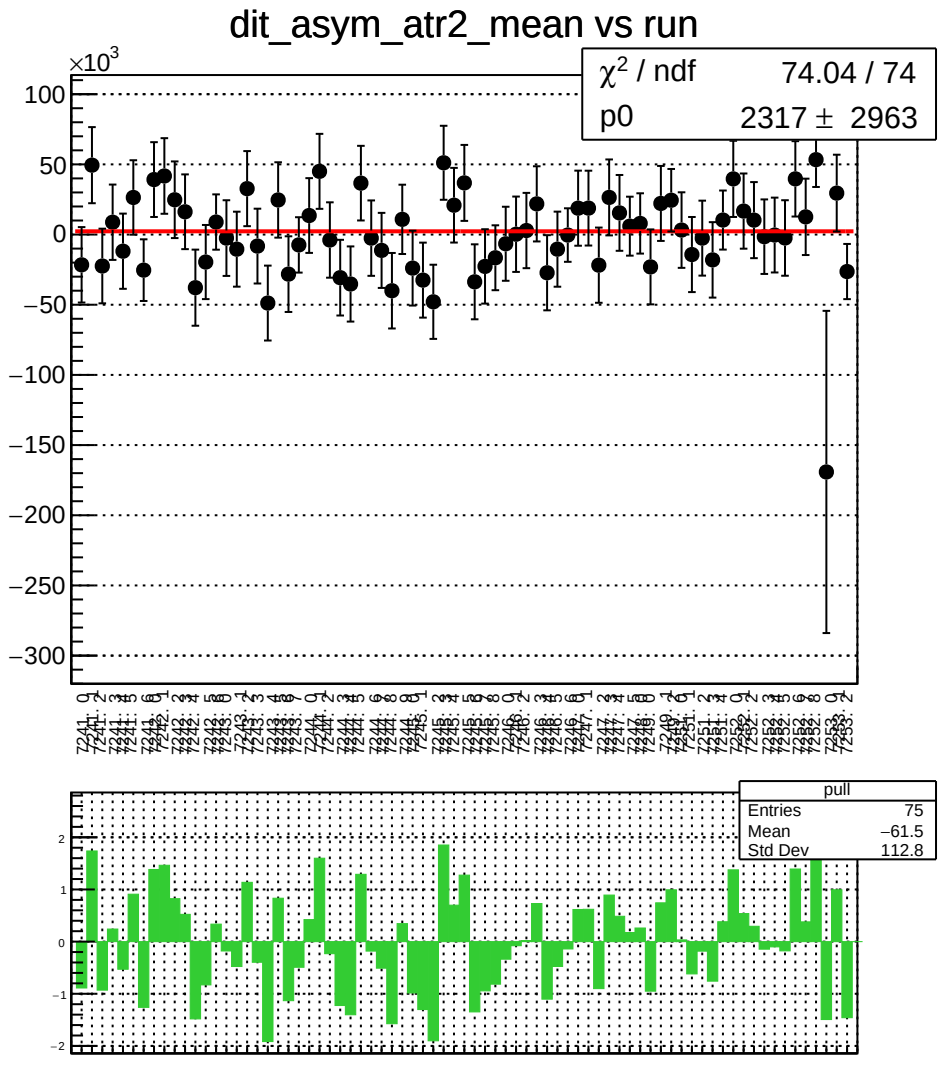

pull1D
Entries 75
Mean 0.02005
Std Dev 1.172

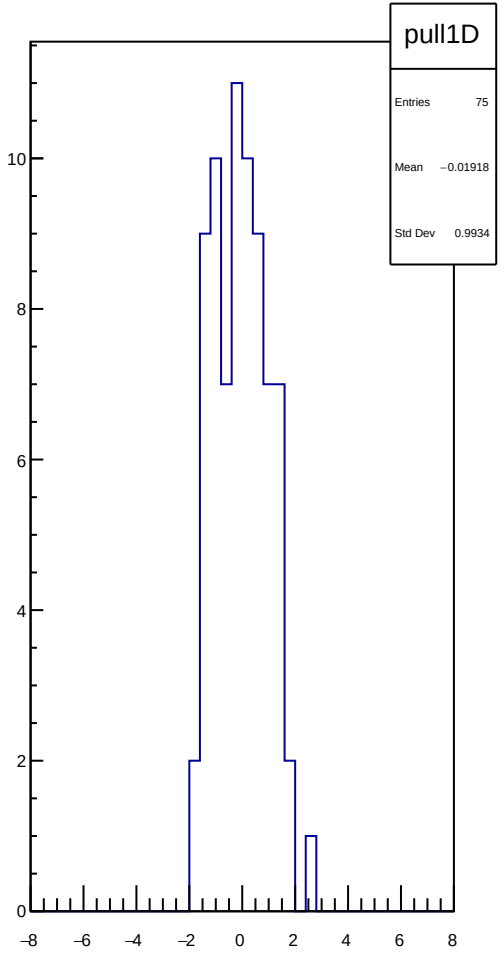

asym_atr1_correction_rms vs run
χ^2 / ndf 2721 / 74
p0 682 ± 0.5599
740
720
700
680
660
640
620

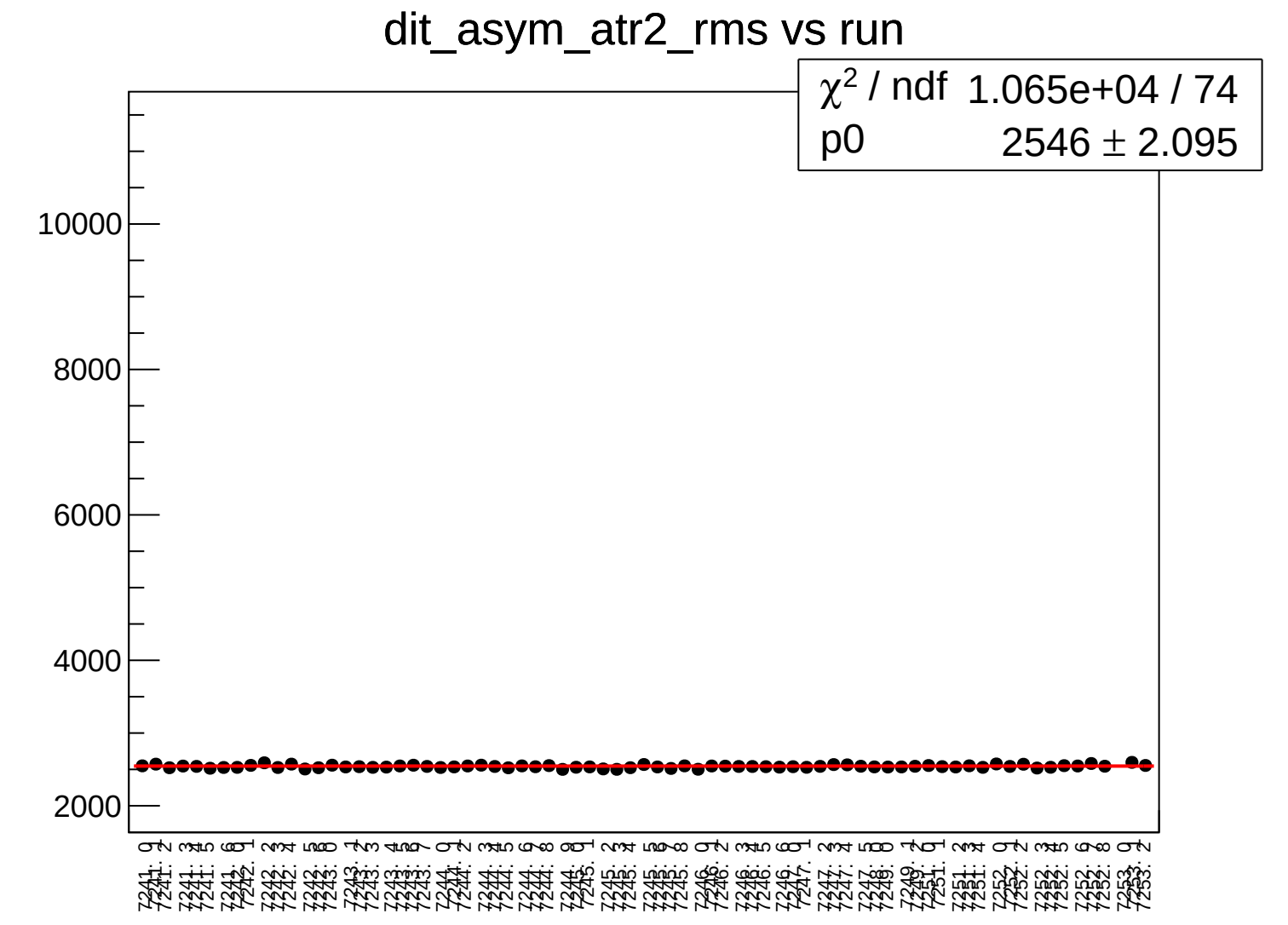

asym_atr1_mean vs run
×10^3
χ² / ndf 86.84 / 74
p0 4185 ± 3355
100
50
0
−50
−100
−150
pull
Entries 75
Mean 201.8
Std Dev 157
2
1
0
−1
−2

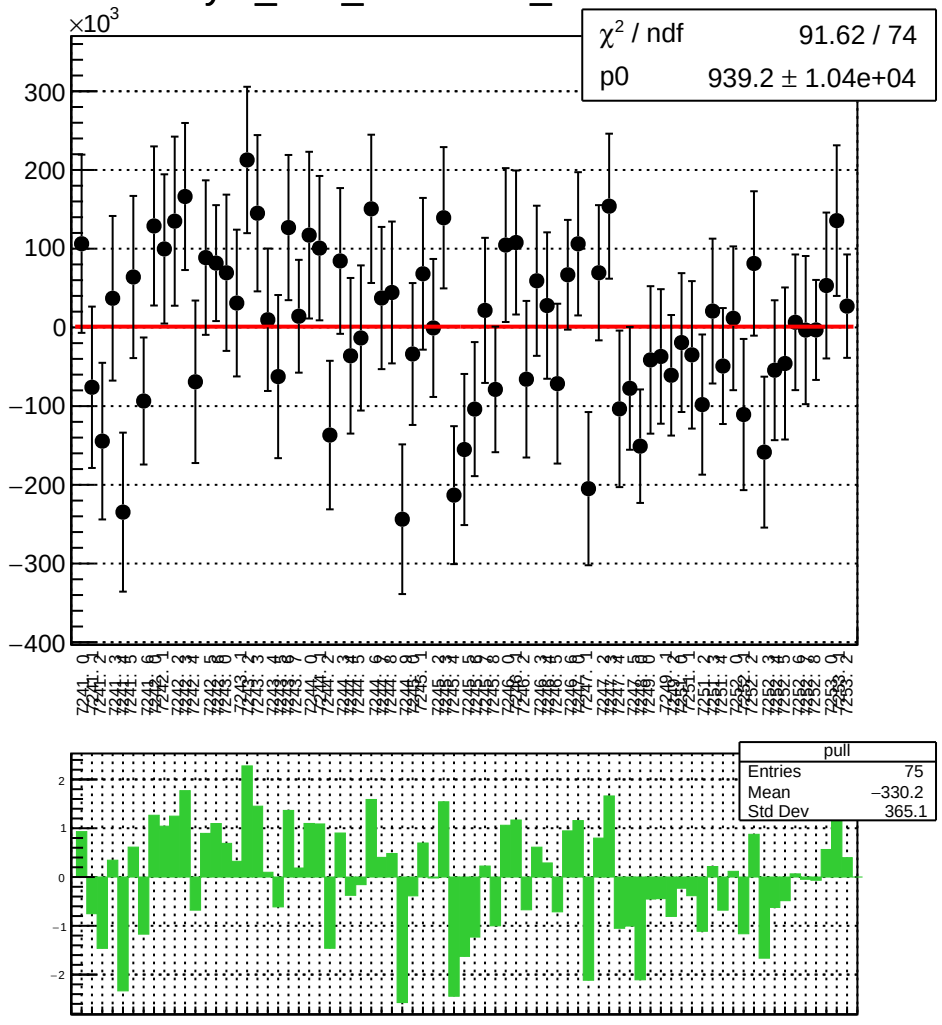

pull1D
Entries 75
Mean −0.02473
Std Dev 1.076
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

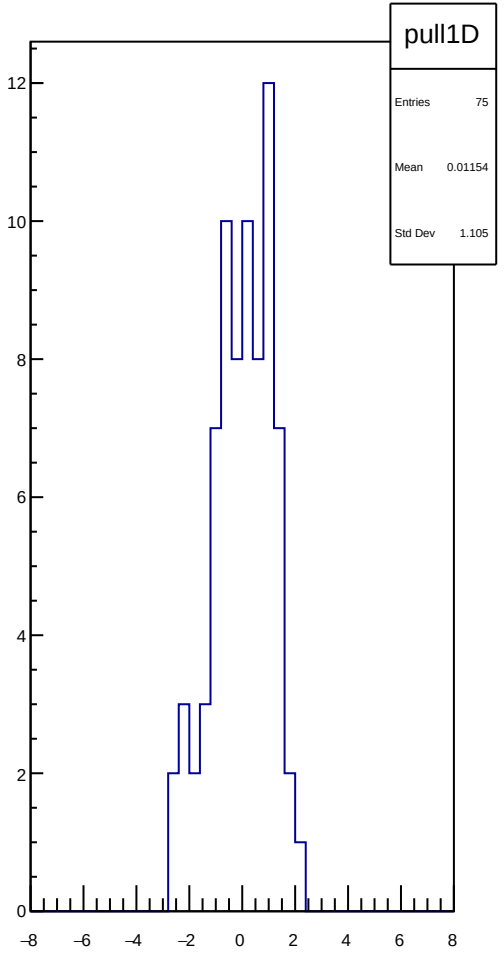

asym_atr1_rms vs run
χ² / ndf 1.469e+04 / 74
p0 2878 ± 2.373
8000
7000
6000
5000
4000
3000

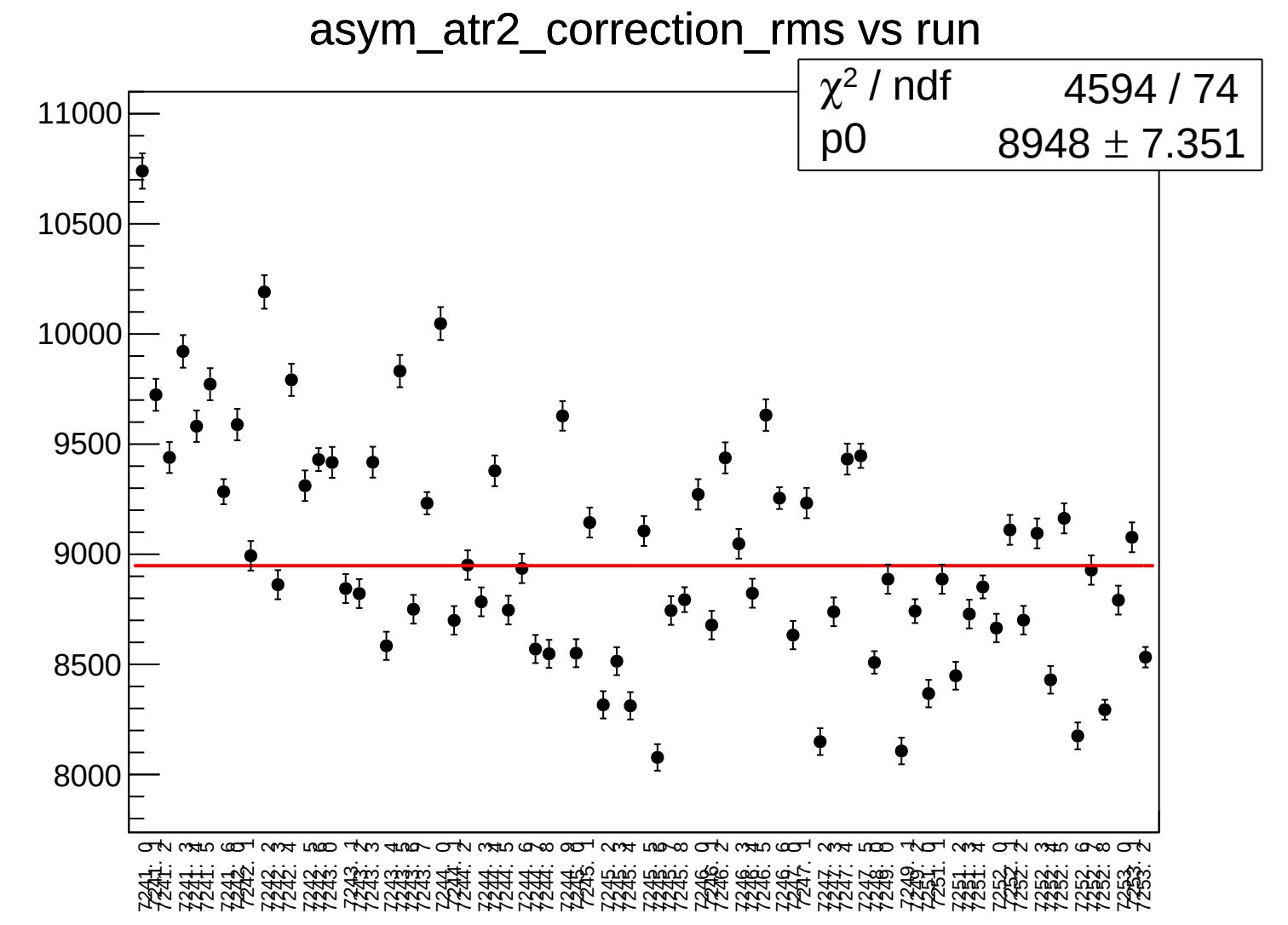

dit_asym_atr2_mean vs run
×10^3
χ^2 / ndf 74.04 / 74
p0 2317 ± 2963
pull
Entries 75
Mean −61.5
Std Dev 112.8

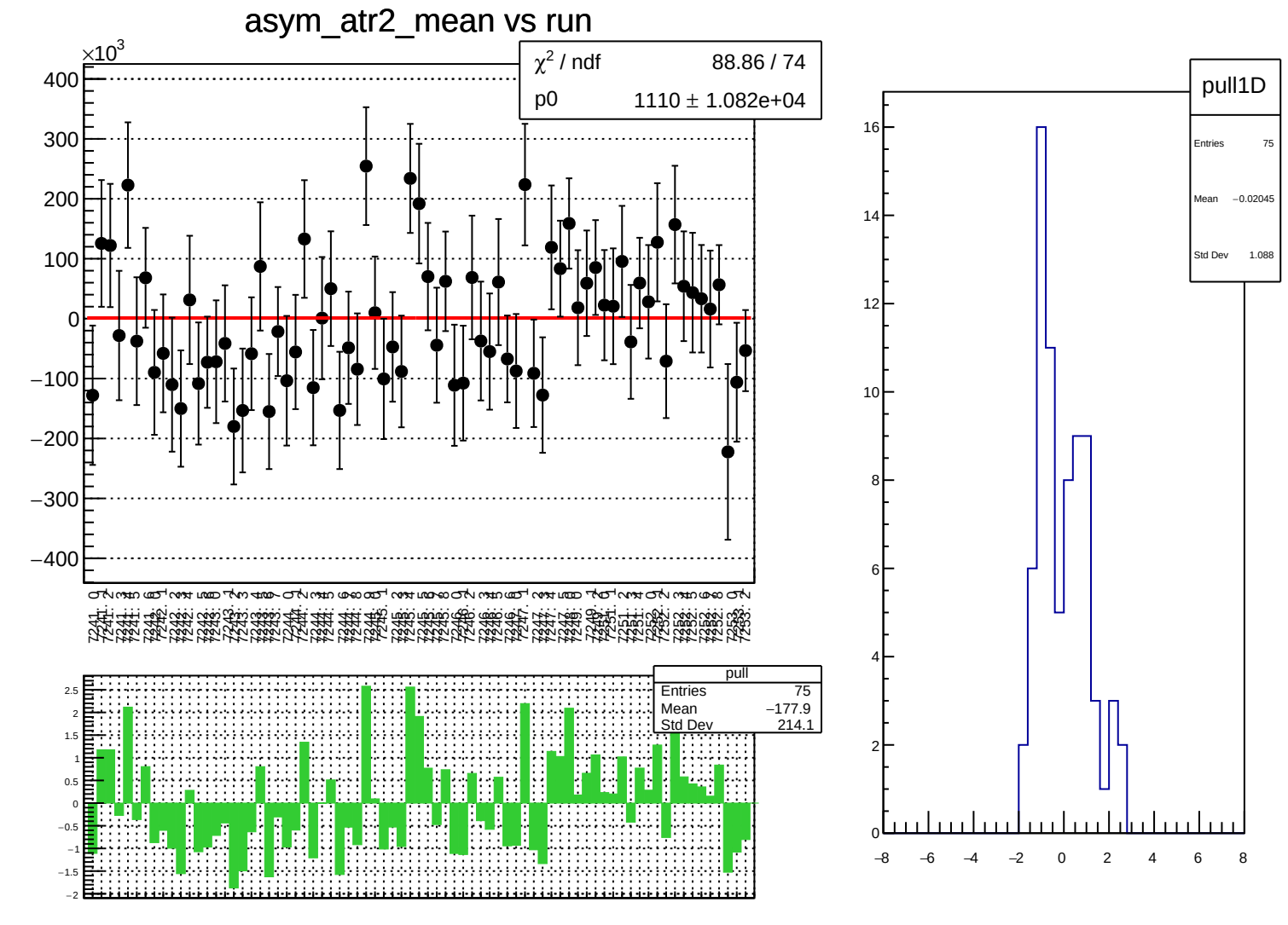

pull1D
Entries 75
Mean −0.01918
Std Dev 0.9934

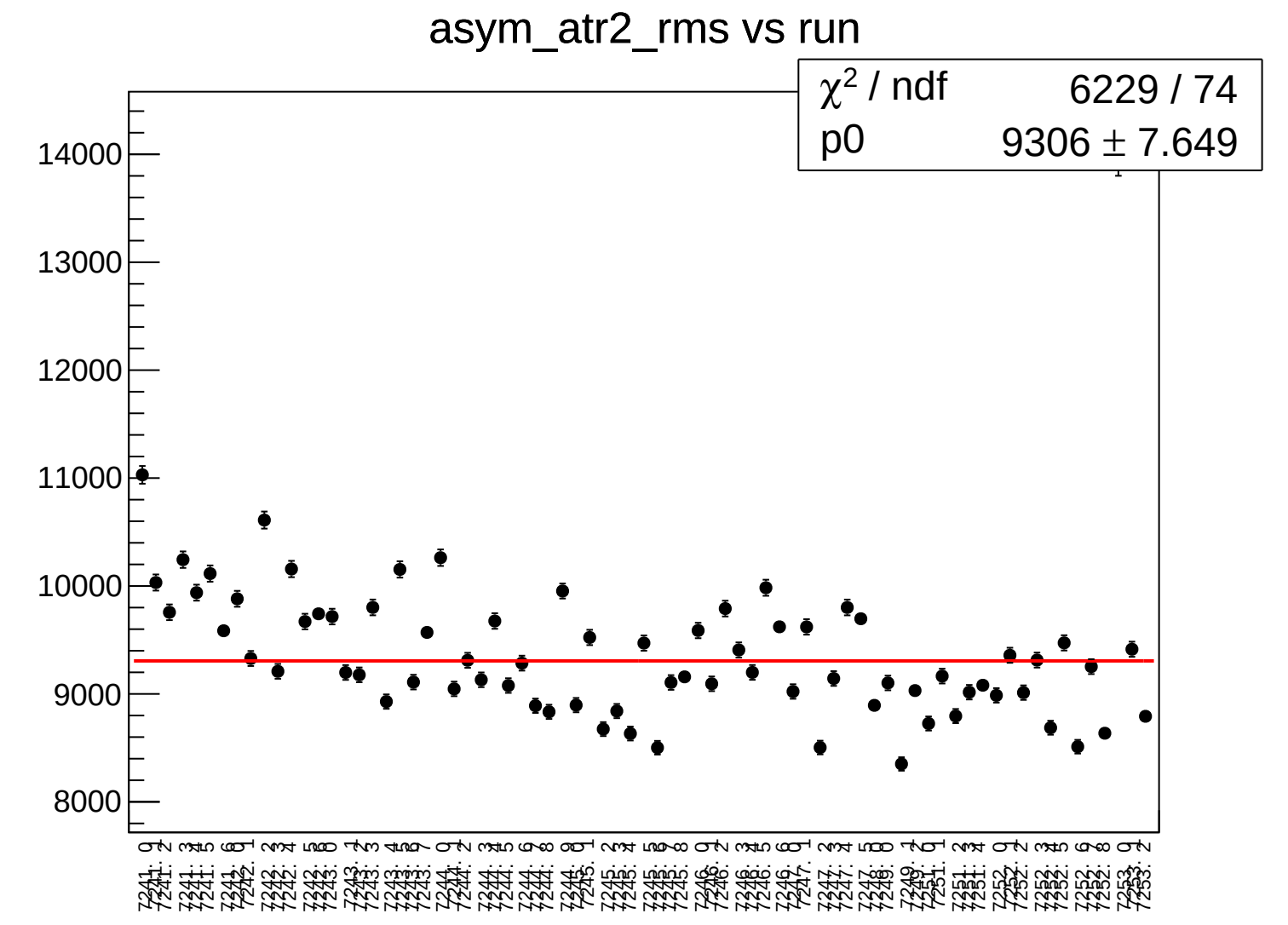

dit_asym_atr2_rms vs run
χ² / ndf 1.065e+04 / 74
p0 2546 ± 2.095
10000
8000
6000
4000
2000

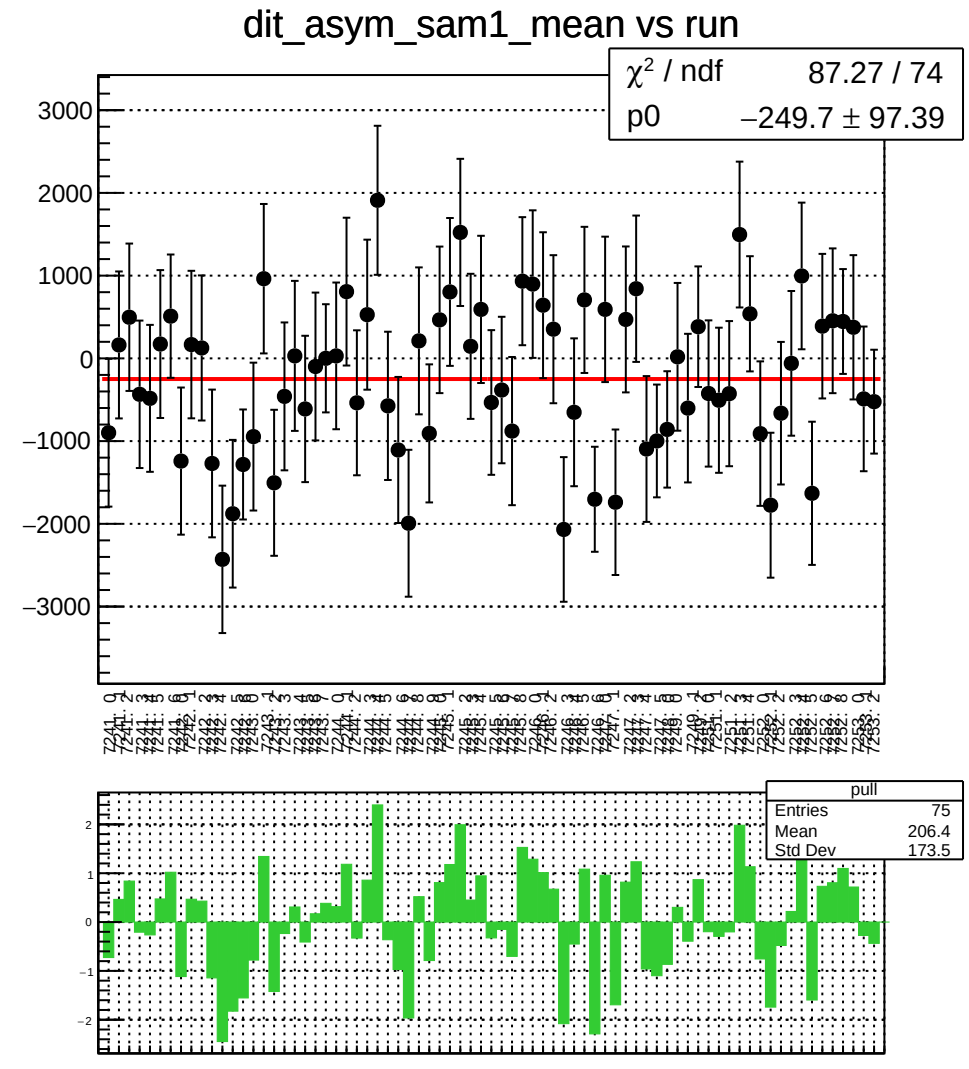

asym_atr2_correction_mean vs run
×10^3
χ² / ndf 91.62 / 74
p0 939.2 ± 1.04e+04
pull
Entries 75
Mean −330.2
Std Dev 365.1

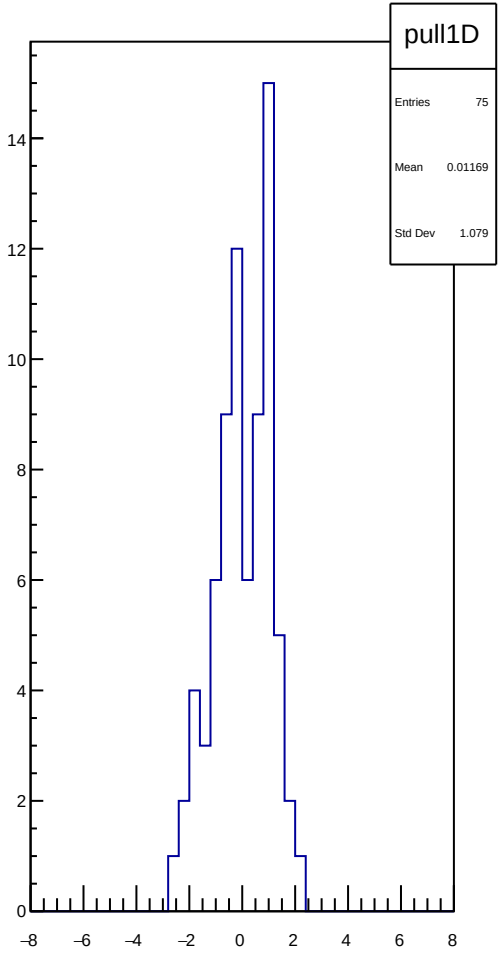

pull1D
Entries 75
Mean 0.01154
Std Dev 1.105

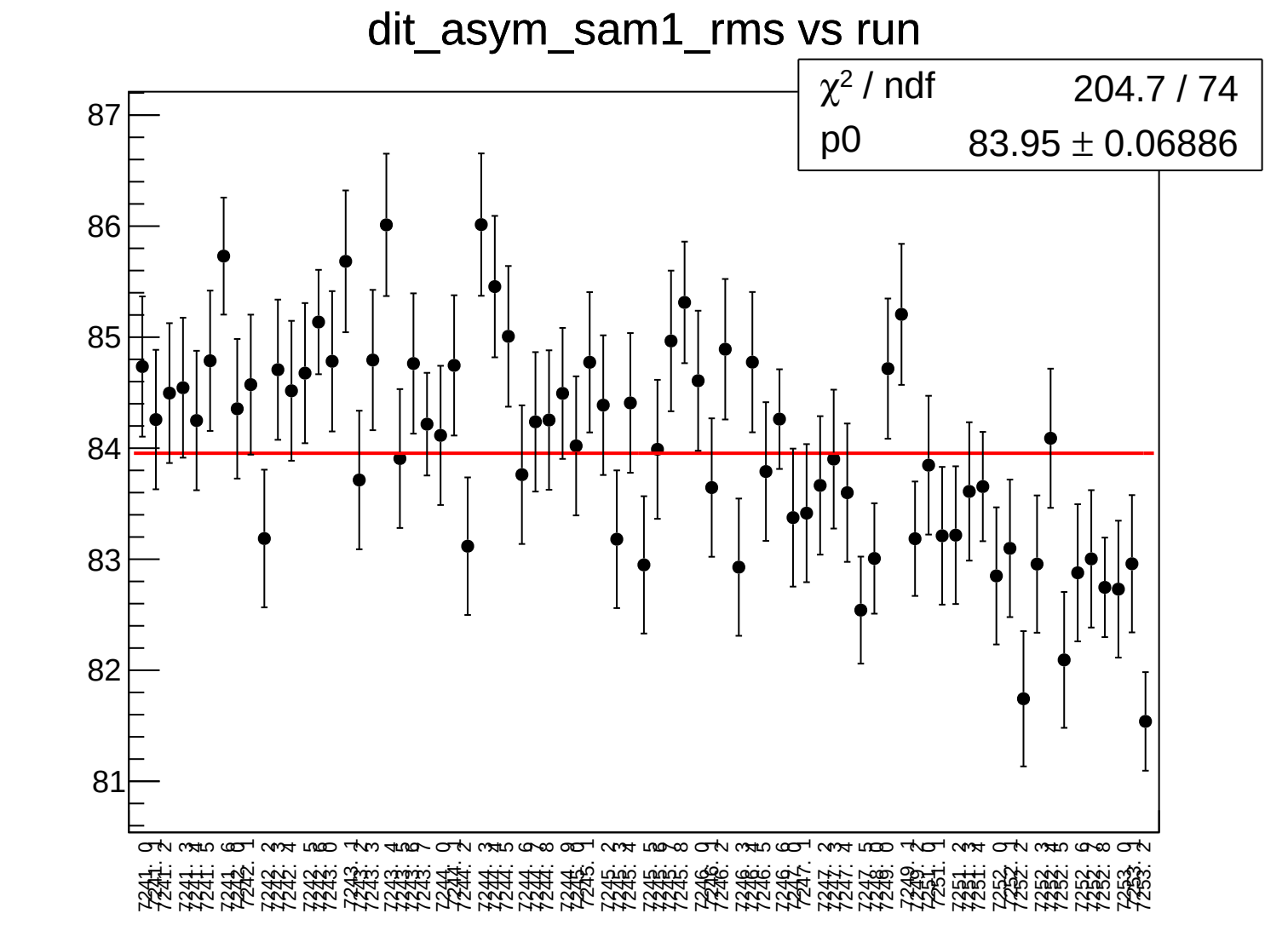

asym_atr2_correction_rms vs run
χ² / ndf 4594 / 74
p0 8948 ± 7.351
11000
10500
10000
9500
9000
8500
8000

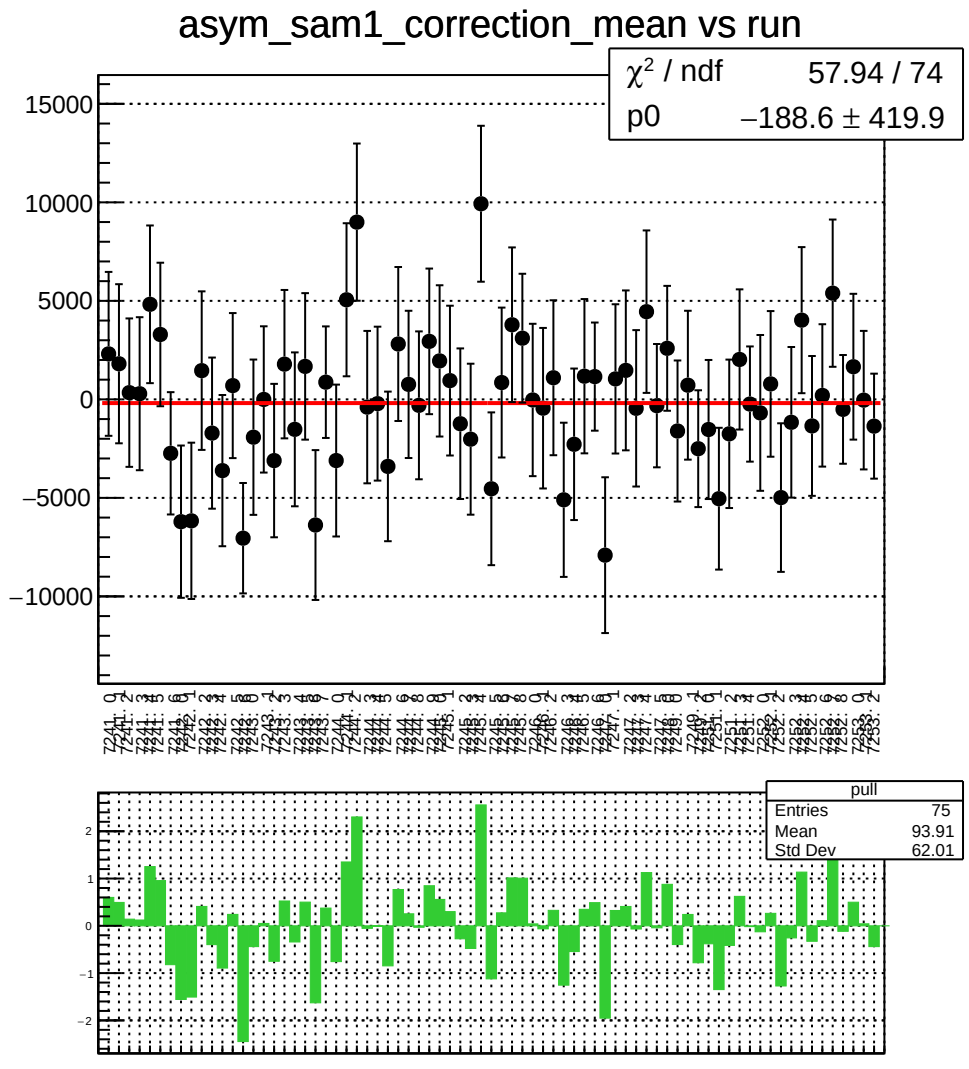

asym_atr2_mean vs run
×10^3
χ² / ndf 88.86 / 74
p0 1110 ± 1.082e+04
pull
Entries 75
Mean −177.9
Std Dev 214.1
pull1D
Entries 75
Mean −0.02045
Std Dev 1.088

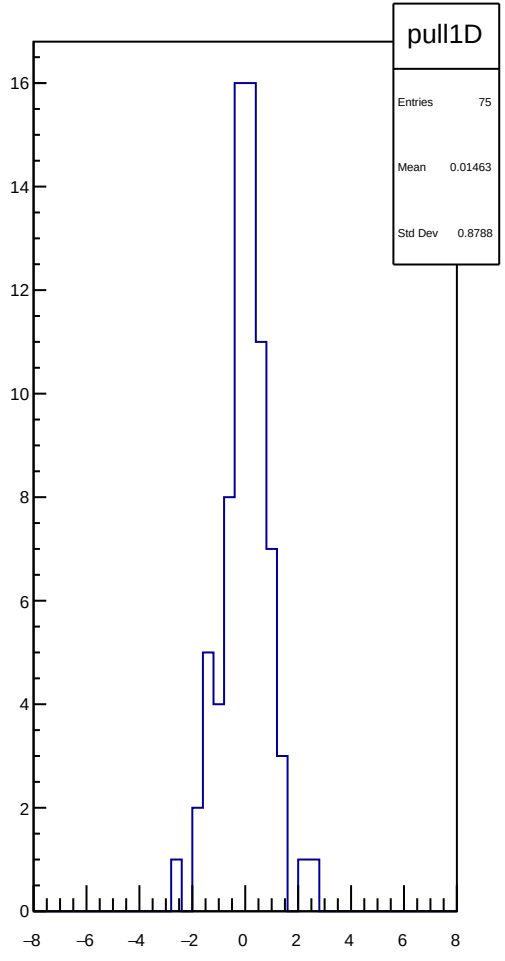

asym_atr2_rms vs run
χ^2 / ndf 6229 / 74
p0 9306 ± 7.649
14000
13000
12000
11000
10000
9000
8000

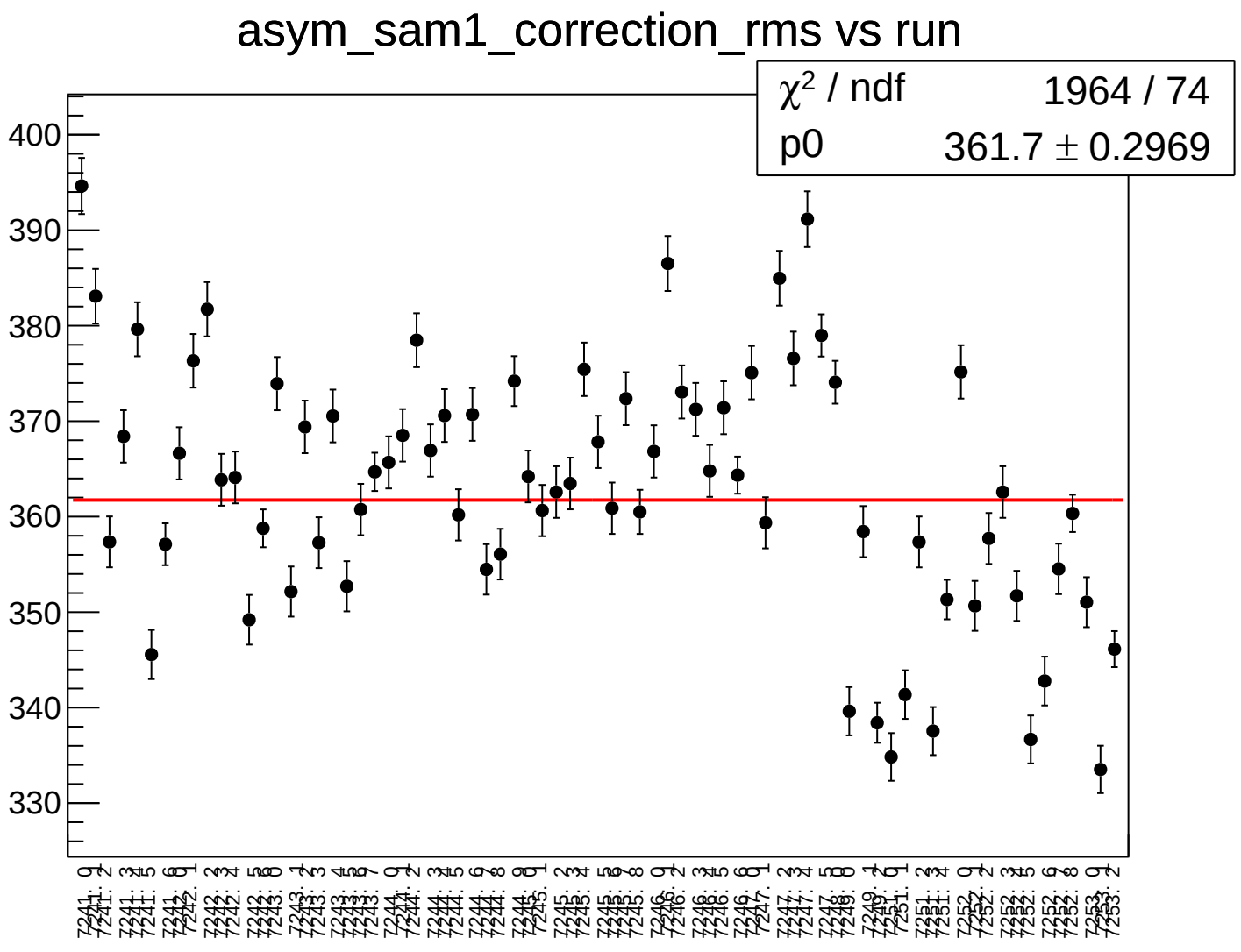

dit_asym_sam1_mean vs run
χ² / ndf 87.27 / 74
p0 −249.7 ± 97.39
pull
Entries 75
Mean 206.4
Std Dev 173.5

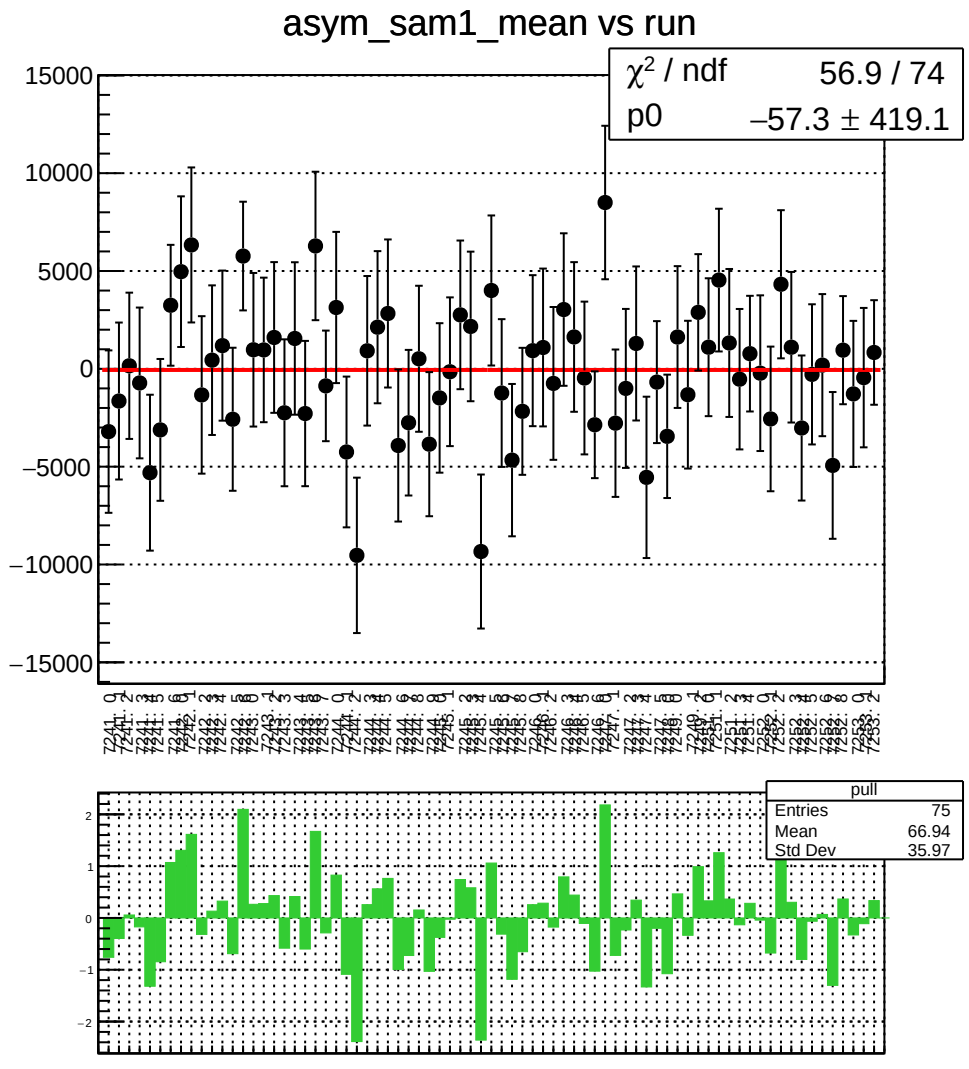

pull1D
Entries 75
Mean 0.01169
Std Dev 1.079

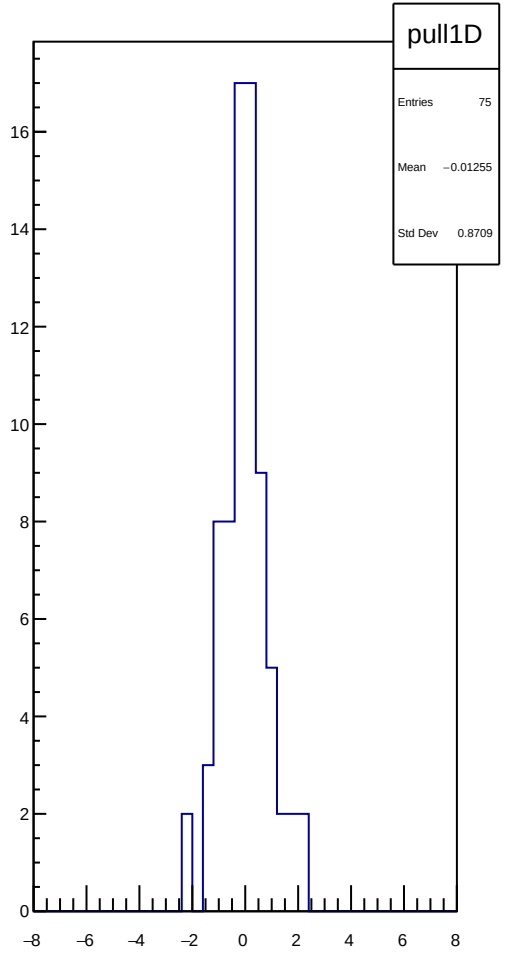

dit_asym_sam1_rms vs run
χ² / ndf 204.7 / 74
p0 83.95 ± 0.06886
87
86
85
84
83
82
81

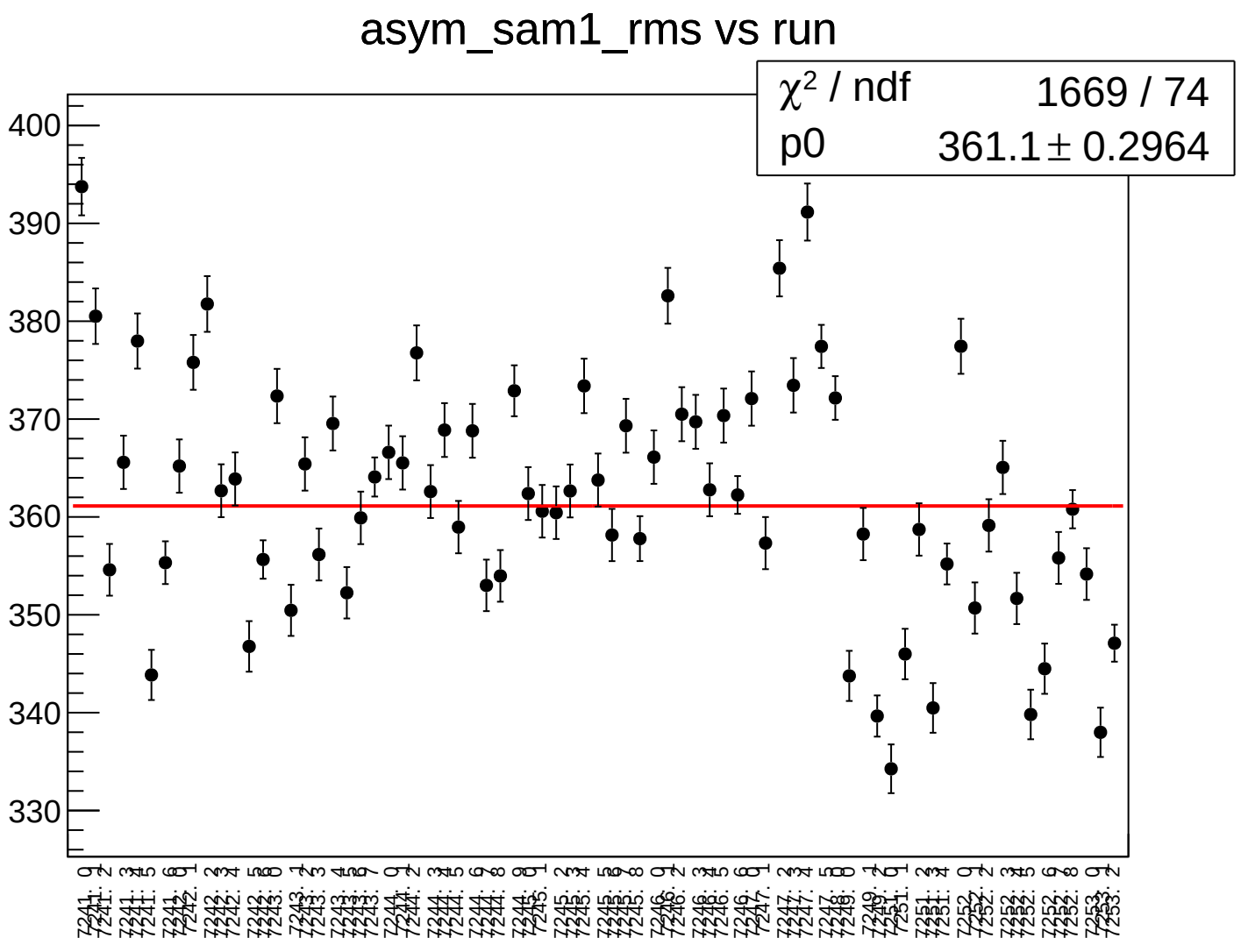

asym_sam1_correction_mean vs run
χ² / ndf 57.94 / 74
p0 −188.6 ± 419.9
15000
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 93.91
Std Dev 62.01
2
1
0
−1
−2

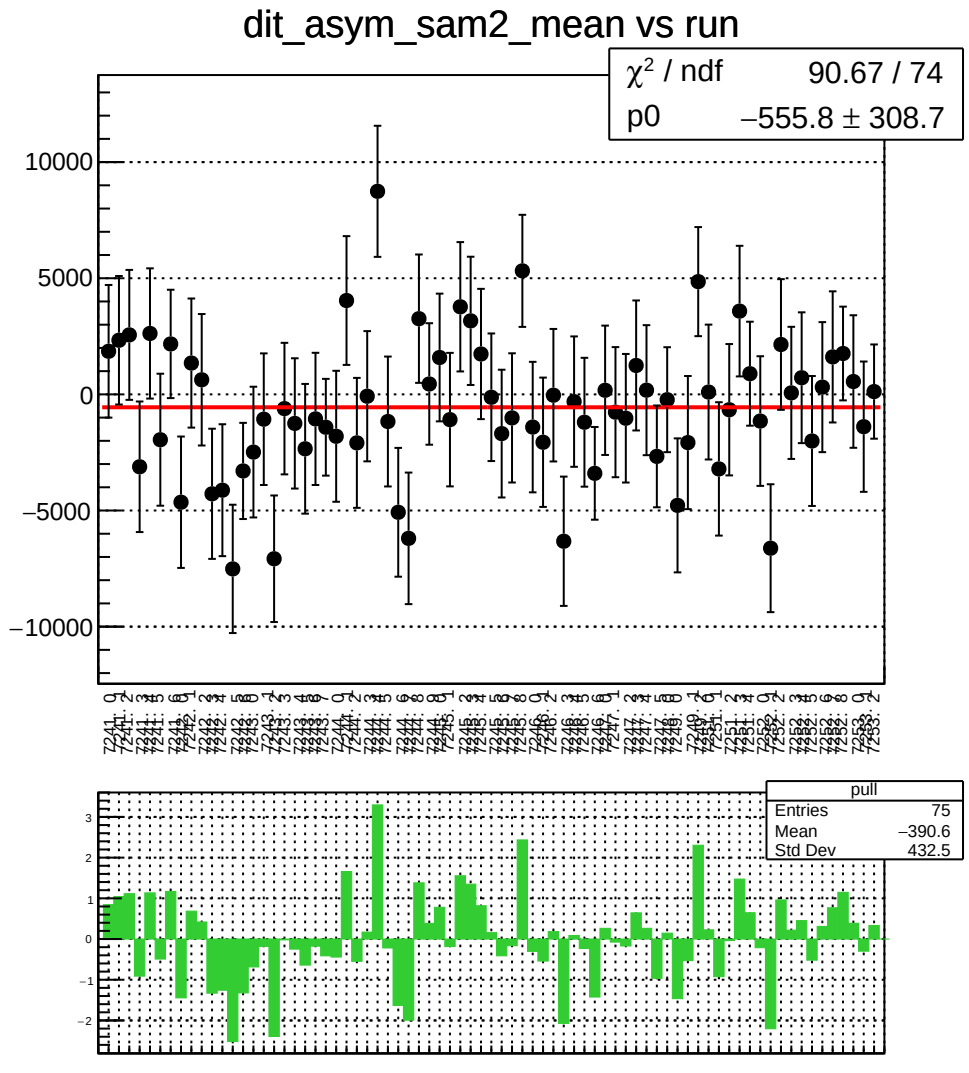

pull1D
Entries 75
Mean 0.01463
Std Dev 0.8788
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

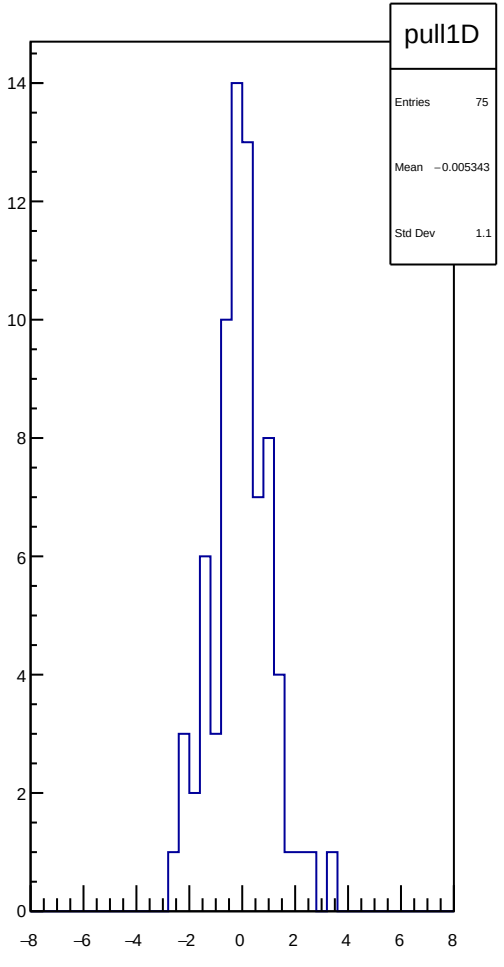

asym_sam1_correction_rms vs run
χ² / ndf 1964 / 74
p0 361.7 ± 0.2969
400
390
380
370
360
350
340
330

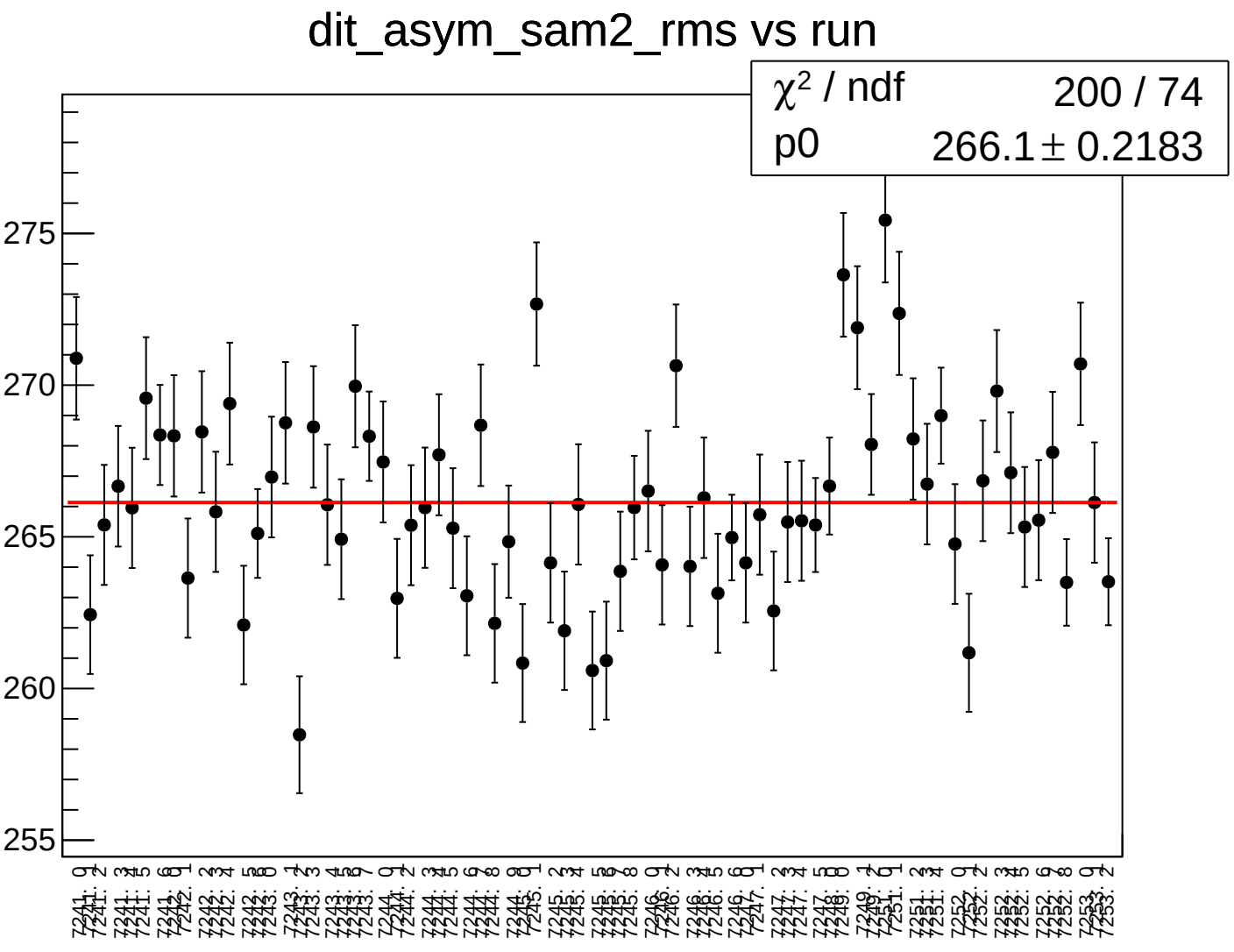

asym_sam1_mean vs run
χ² / ndf 56.9 / 74
p0 −57.3 ± 419.1
pull
Entries 75
Mean 66.94
Std Dev 35.97

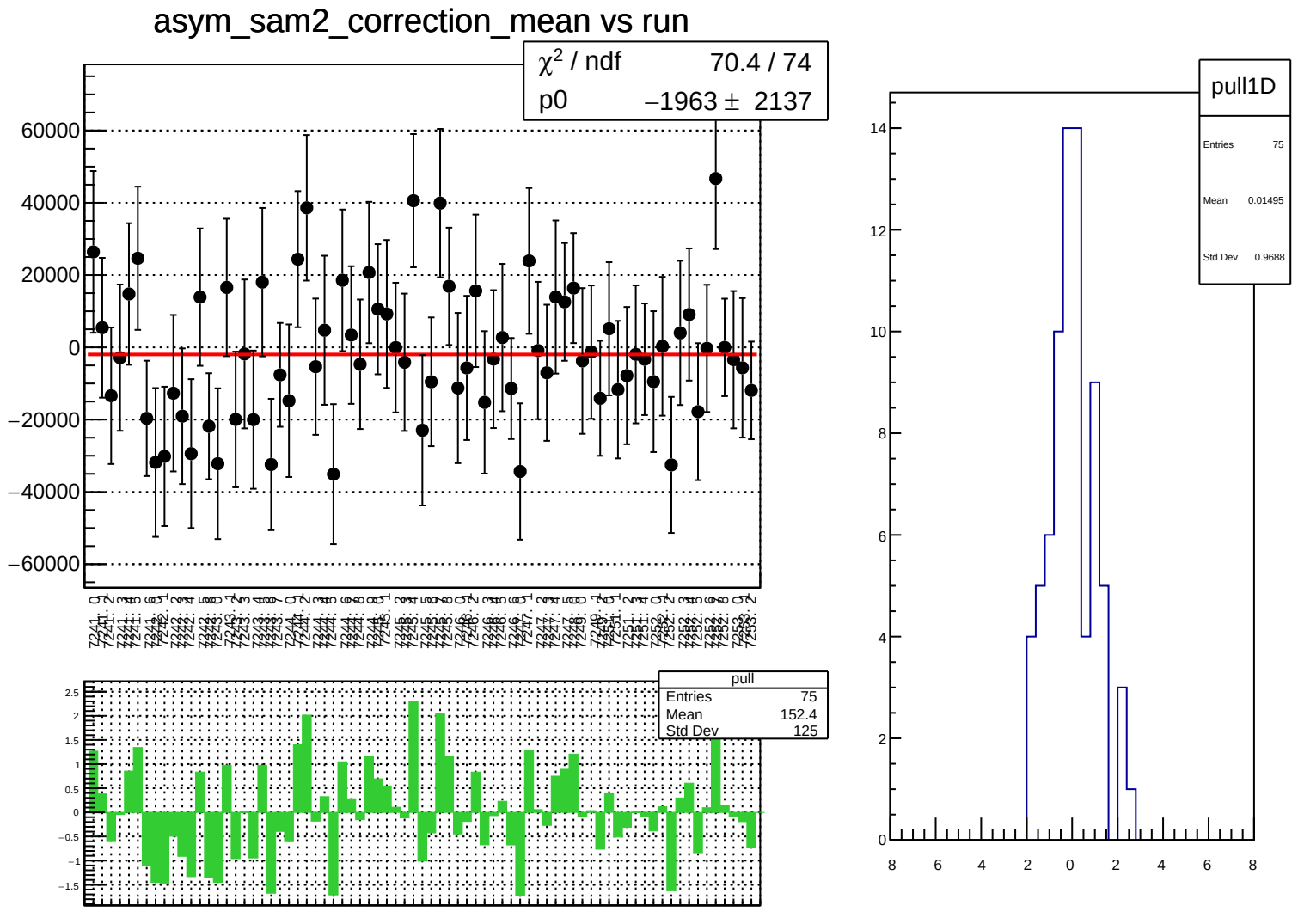

pull1D
Entries 75
Mean −0.01255
Std Dev 0.8709

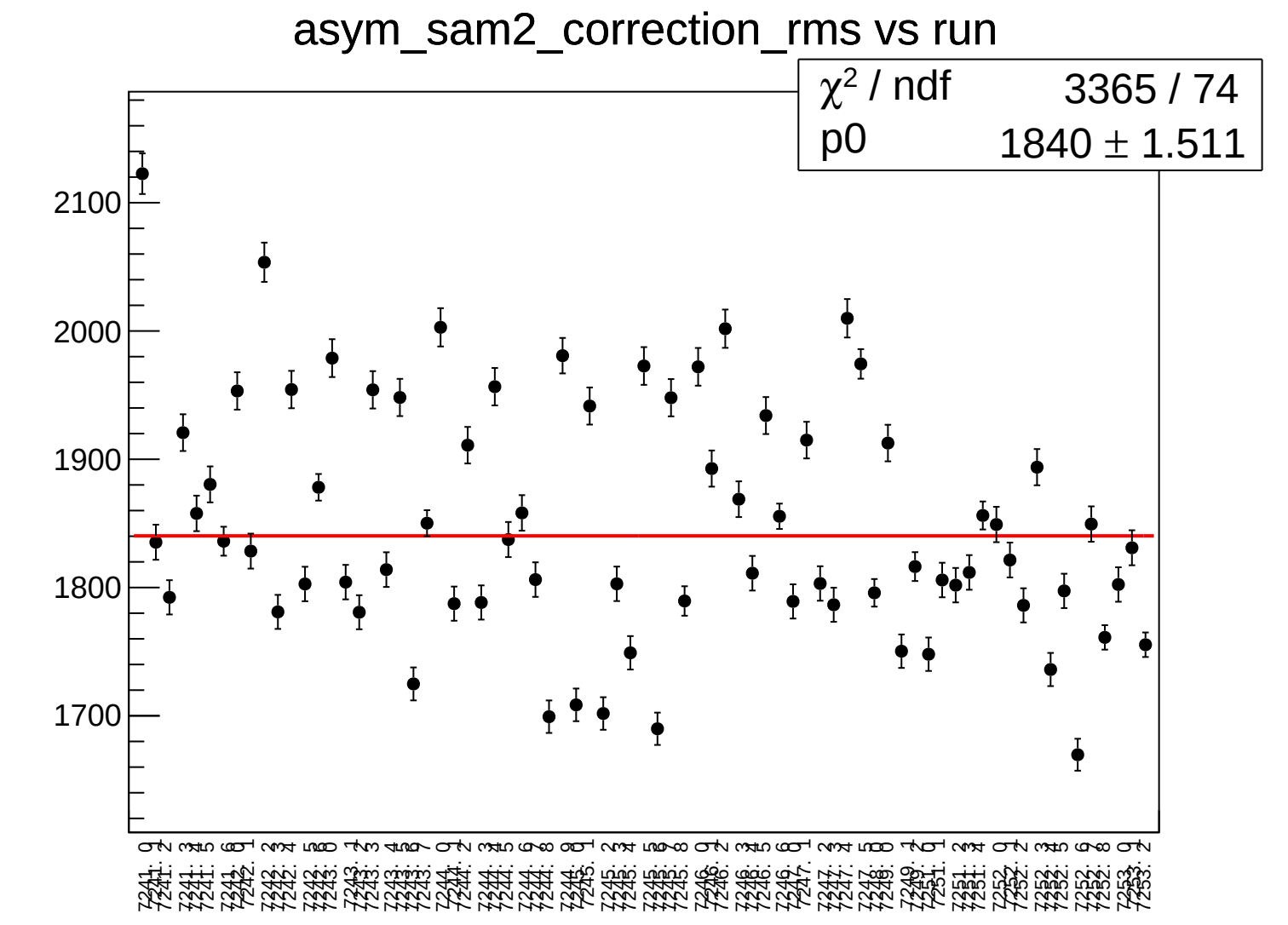

asym_sam1_rms vs run
χ² / ndf 1669 / 74
p0 361.1 ± 0.2964
400
390
380
370
360
350
340
330

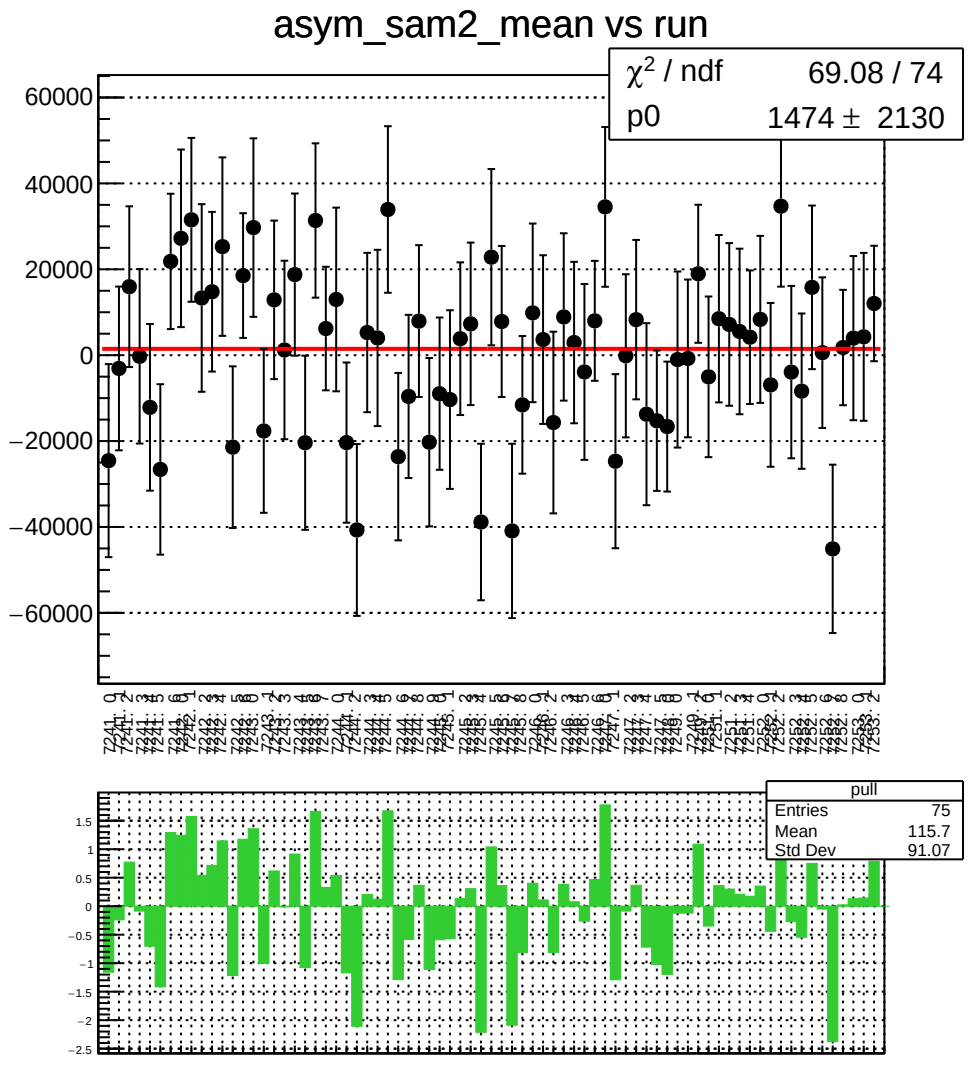

dit_asym_sam2_mean vs run
χ² / ndf 90.67 / 74
p0 −555.8 ± 308.7
10000
5000
0
−5000
−10000
pull
Entries 75
Mean −390.6
Std Dev 432.5
3
2
1
0
−1
−2

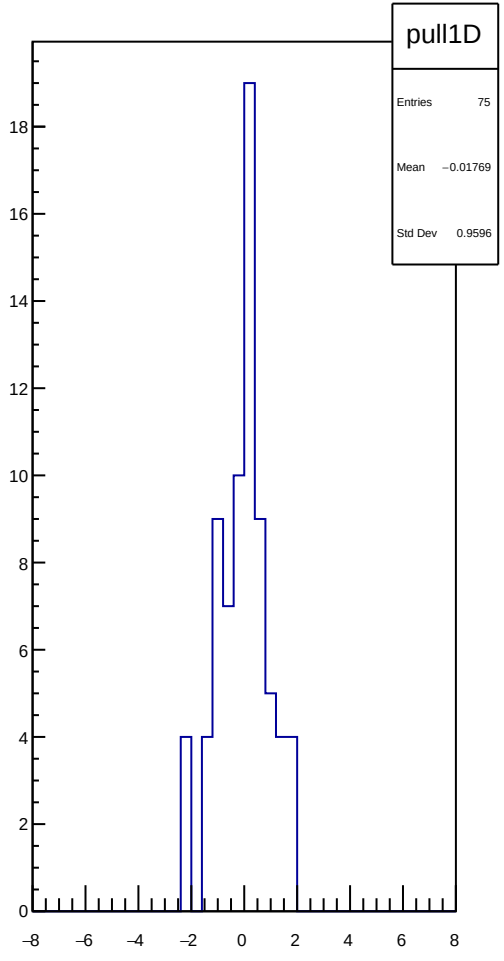

pull1D
Entries 75
Mean −0.005343
Std Dev 1.1
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

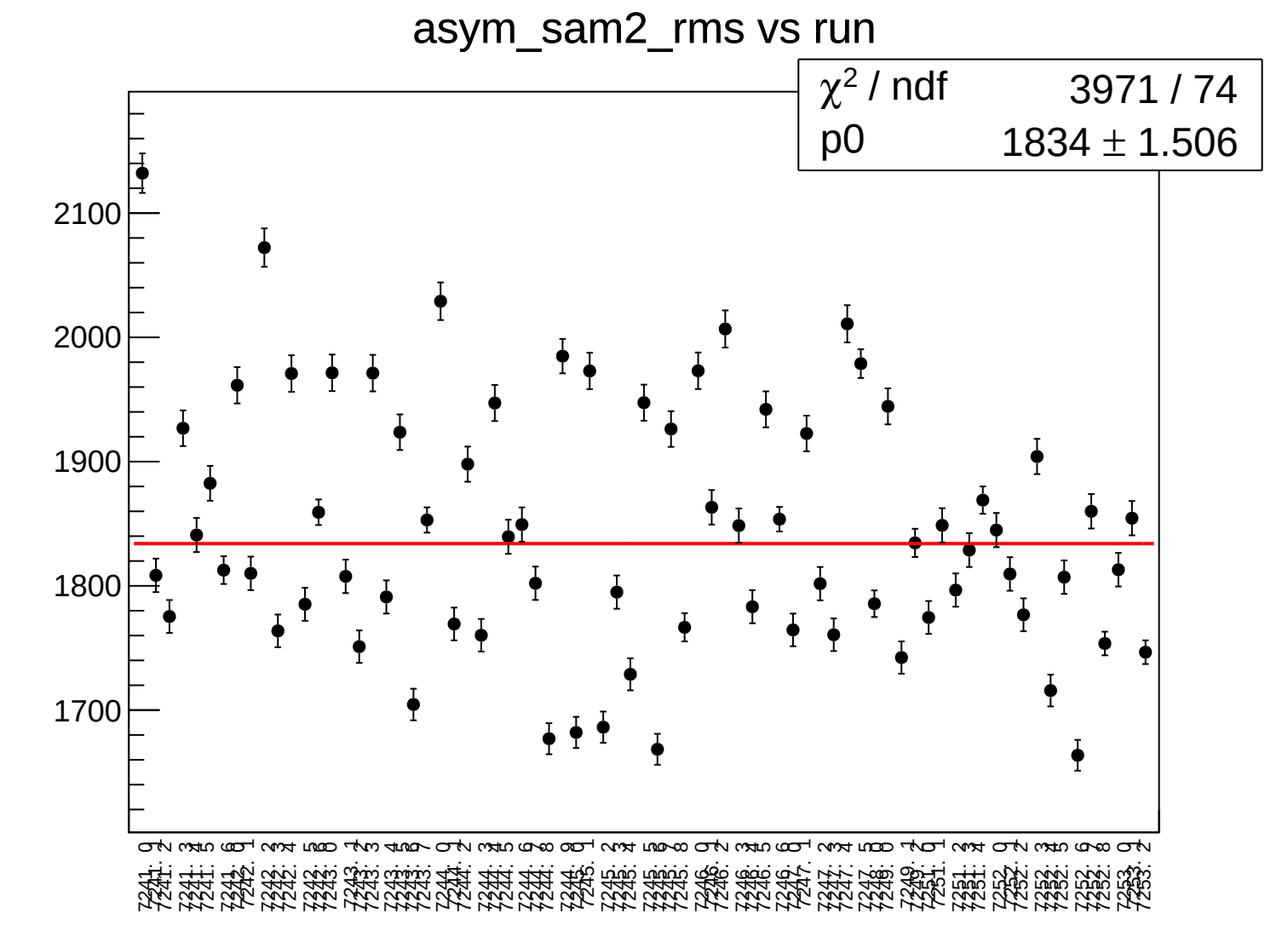

dit_asym_sam2_rms vs run
χ² / ndf 200 / 74
p0 266.1 ± 0.2183
275
270
265
260
255

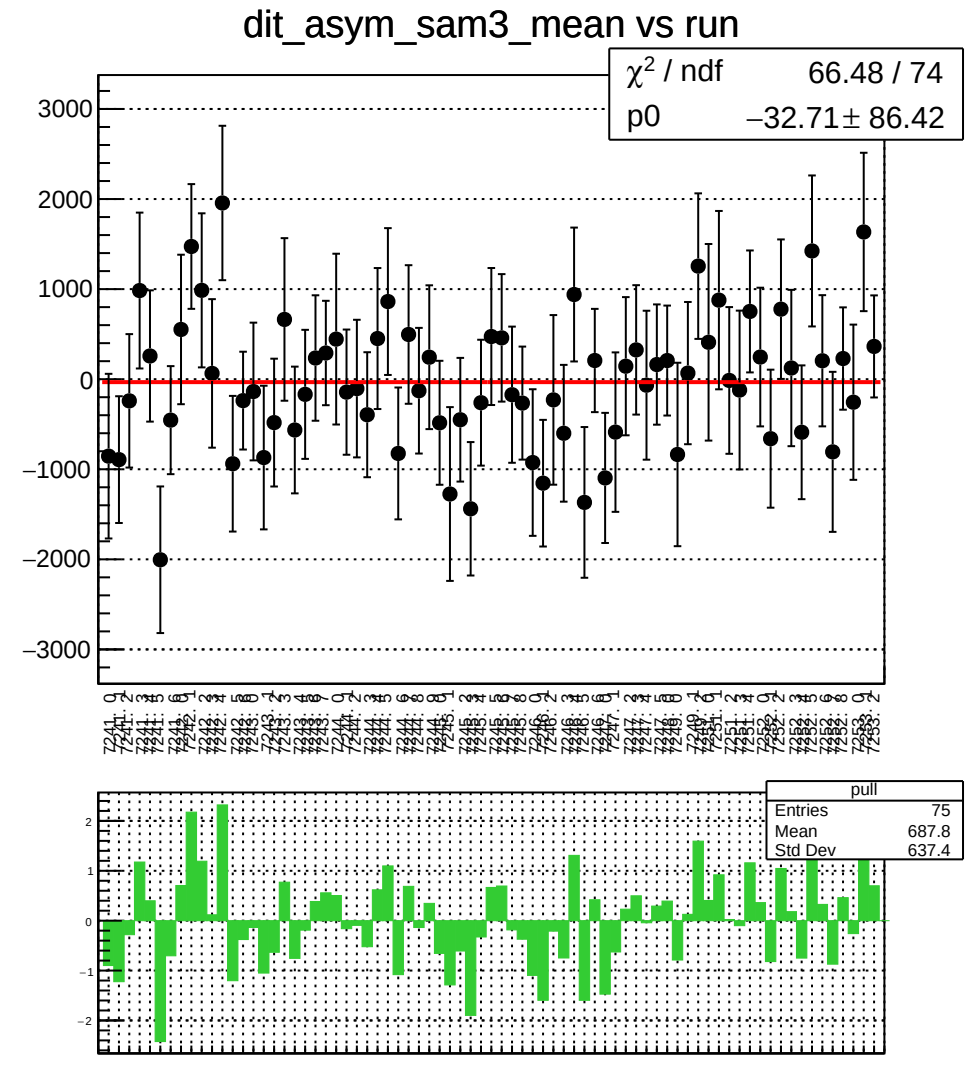

asym_sam2_correction_mean vs run
χ² / ndf 70.4 / 74
p0 −1963 ± 2137
pull
Entries 75
Mean 152.4
Std Dev 125
pull1D
Entries 75
Mean 0.01495
Std Dev 0.9688

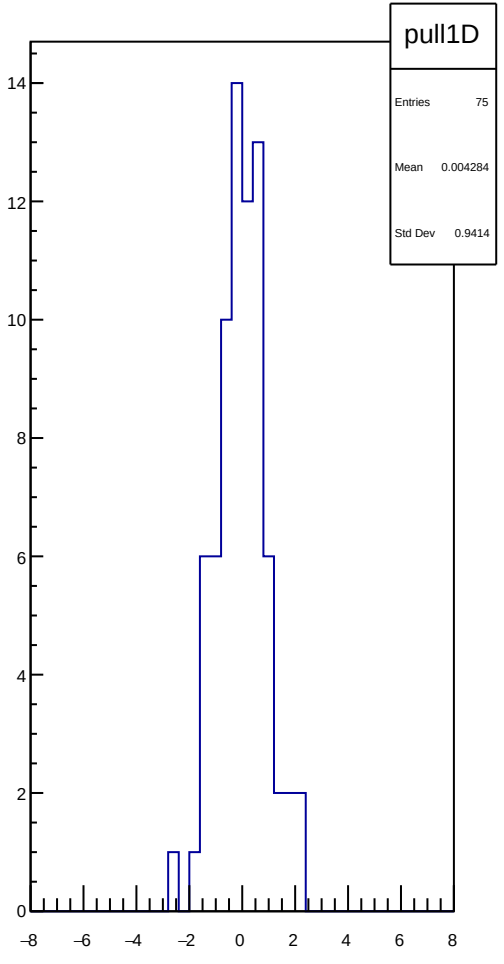

asym_sam2_correction_rms vs run
χ² / ndf 3365 / 74
p0 1840 ± 1.511
2100
2000
1900
1800
1700

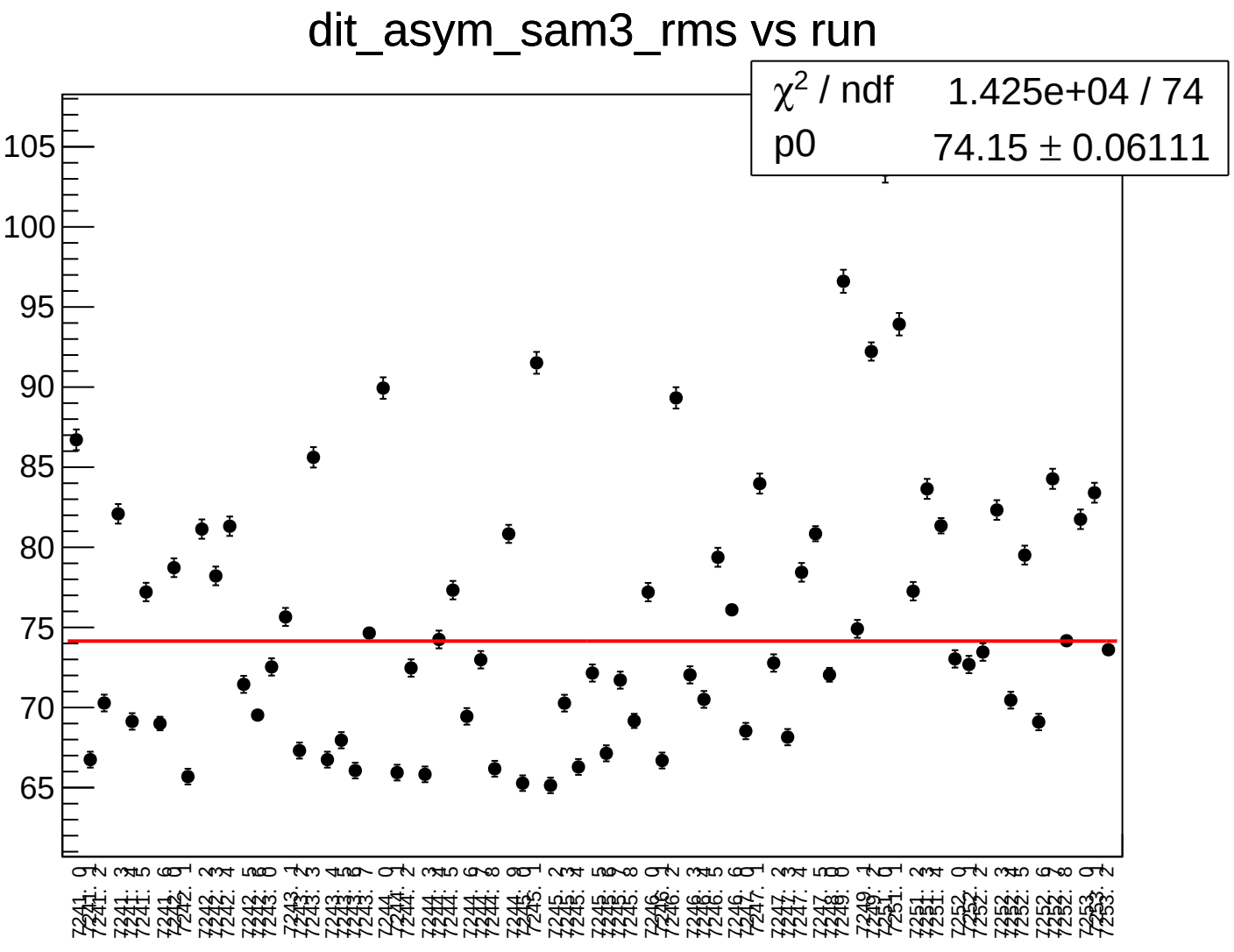

asym_sam2_mean vs run
χ^2 / ndf 69.08 / 74
p0 1474 ± 2130
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 75
Mean 115.7
Std Dev 91.07
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

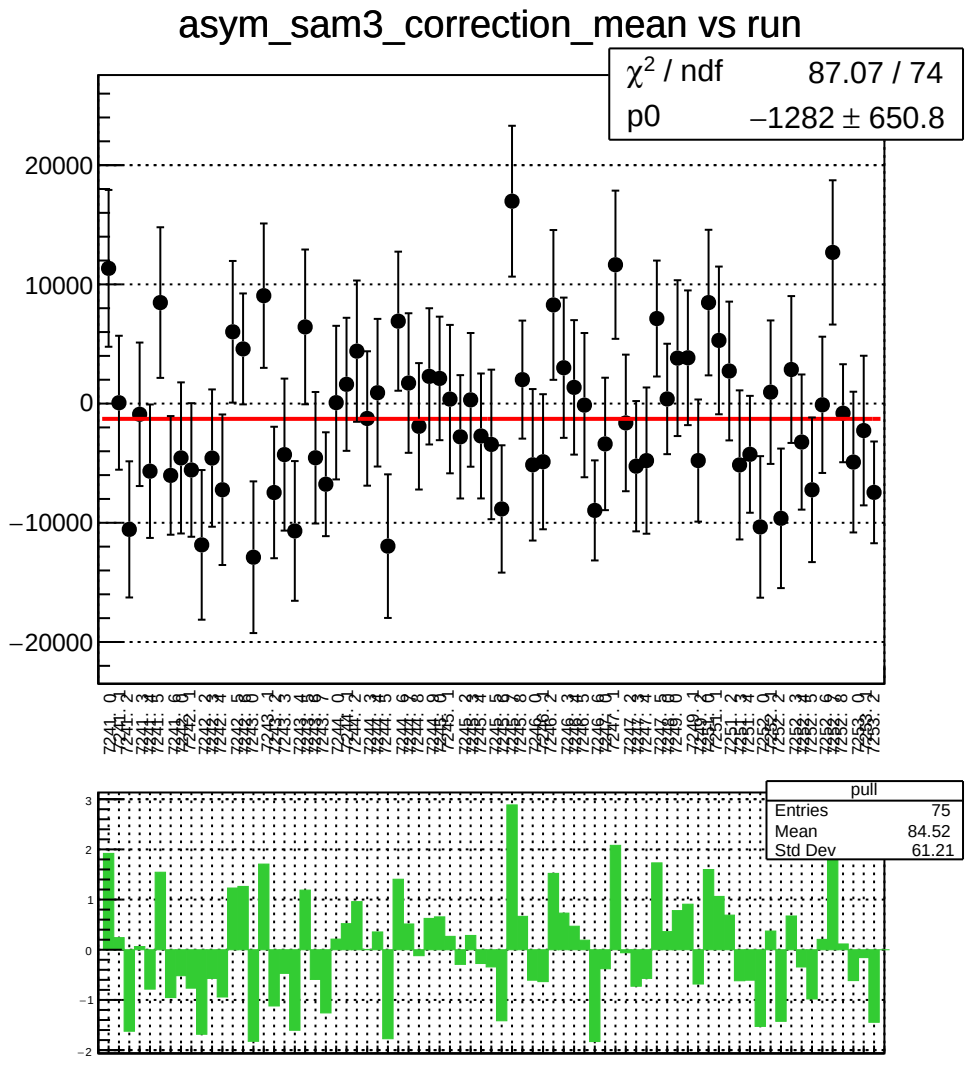

pull1D
Entries 75
Mean −0.01769
Std Dev 0.9596
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

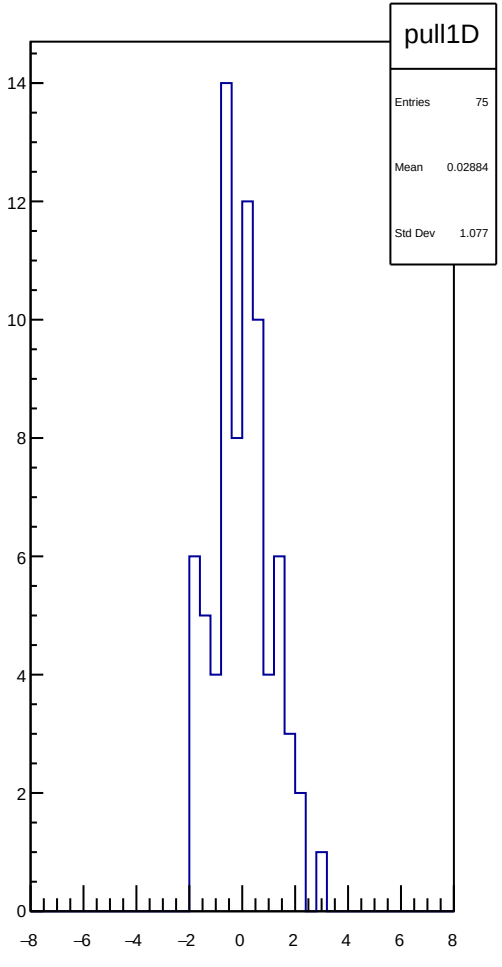

asym_sam2_rms vs run
χ^2 / ndf 3971 / 74
p0 1834 ± 1.506
2100
2000
1900
1800
1700

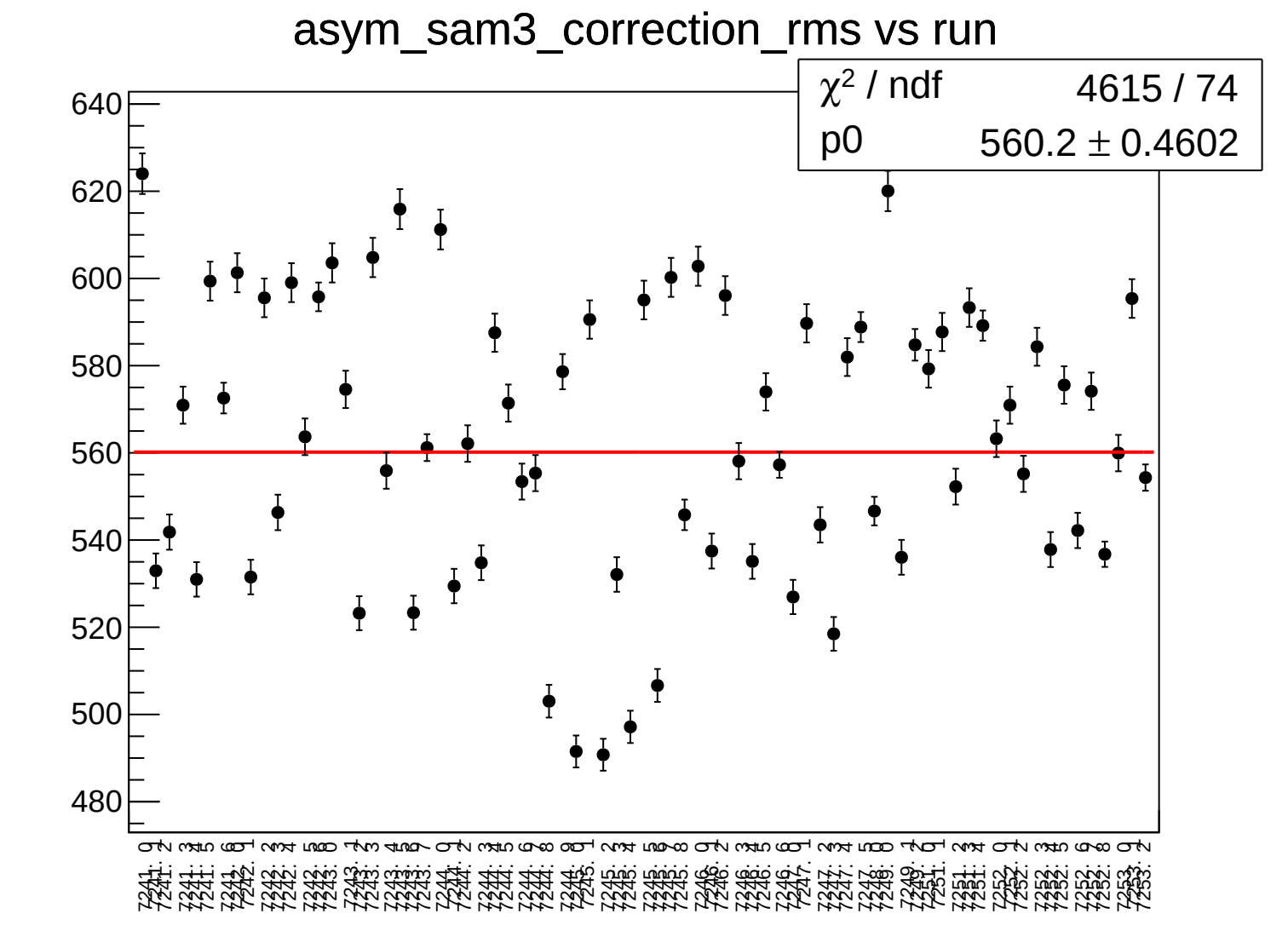

dit_asym_sam3_mean vs run
χ² / ndf 66.48 / 74
p0 −32.71 ± 86.42
pull
Entries 75
Mean 687.8
Std Dev 637.4

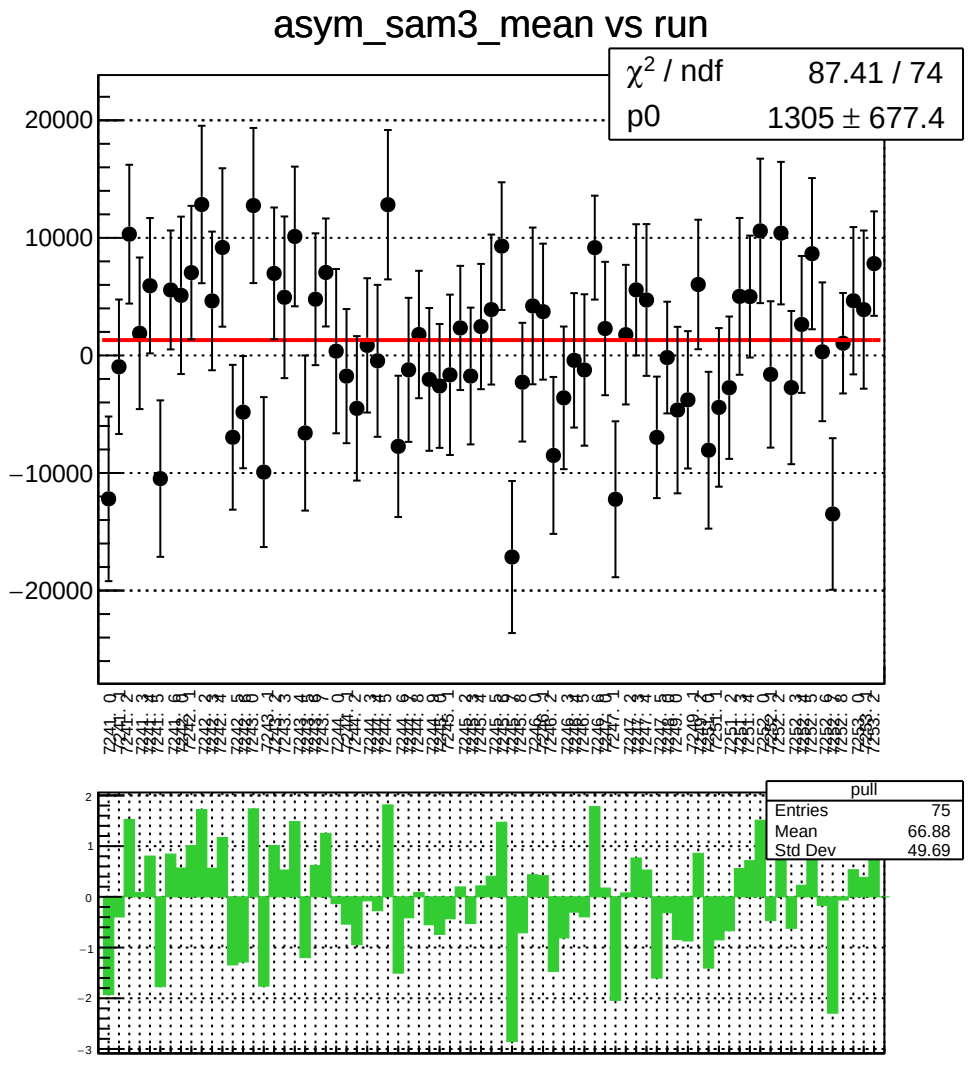

pull1D
Entries 75
Mean 0.004284
Std Dev 0.9414

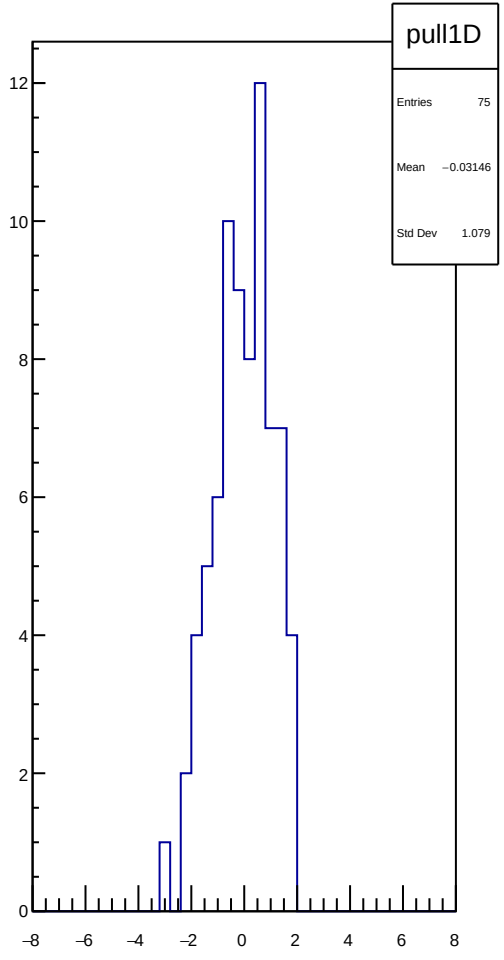

dit_asym_sam3_rms vs run
χ^2 / ndf 1.425e+04 / 74
p0 74.15 ± 0.06111
105
100
95
90
85
80
75
70
65

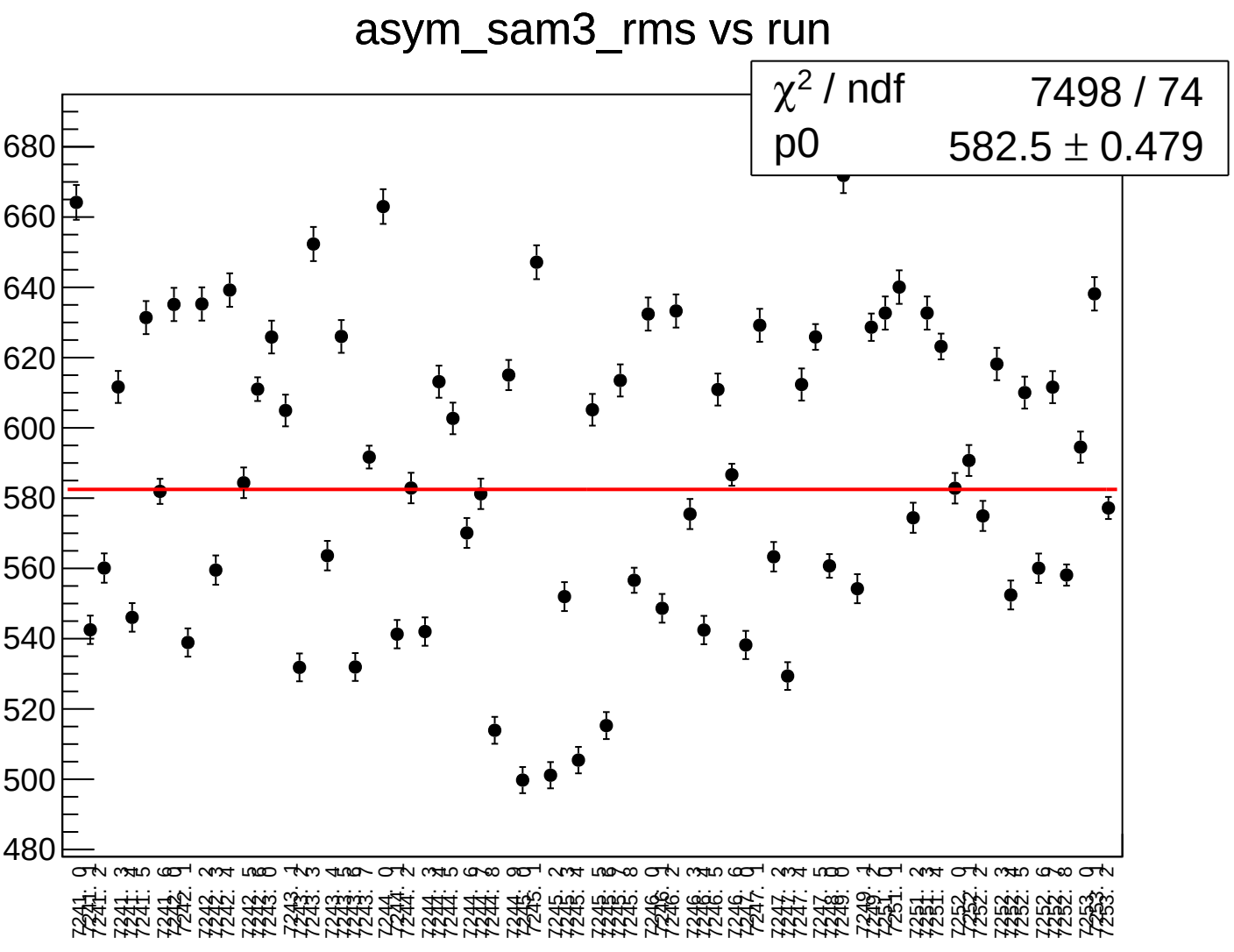

asym_sam3_correction_mean vs run
χ² / ndf 87.07 / 74
p0 −1282 ± 650.8
20000
10000
0
−10000
−20000
pull
Entries 75
Mean 84.52
Std Dev 61.21
3
2
1
0
−1
−2

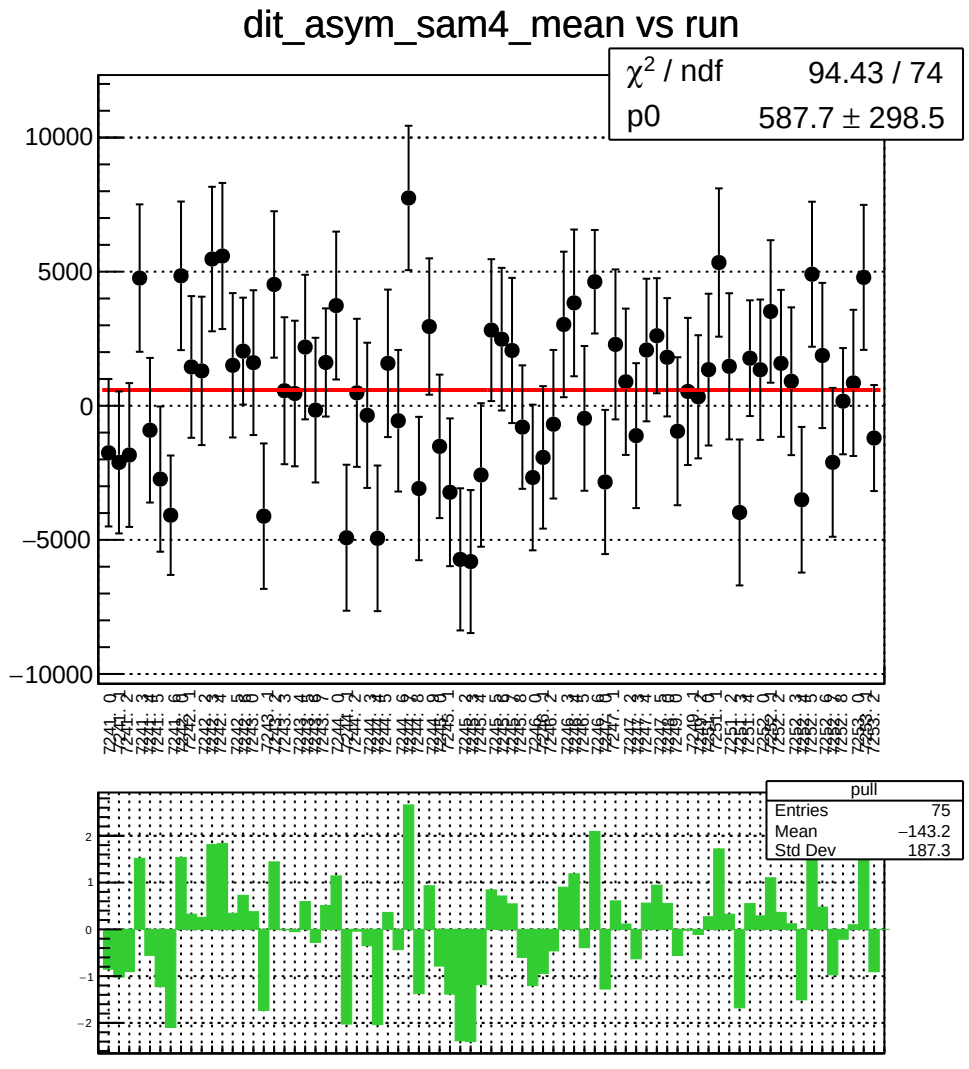

pull1D
Entries 75
Mean 0.02884
Std Dev 1.077
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

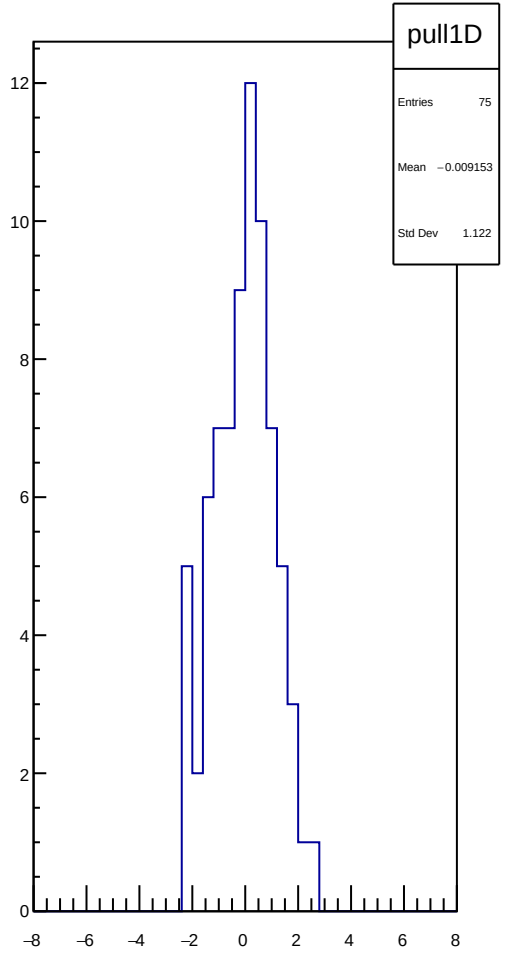

asym_sam3_correction_rms vs run
χ² / ndf 4615 / 74
p0 560.2 ± 0.4602
640
620
600
580
560
540
520
500
480

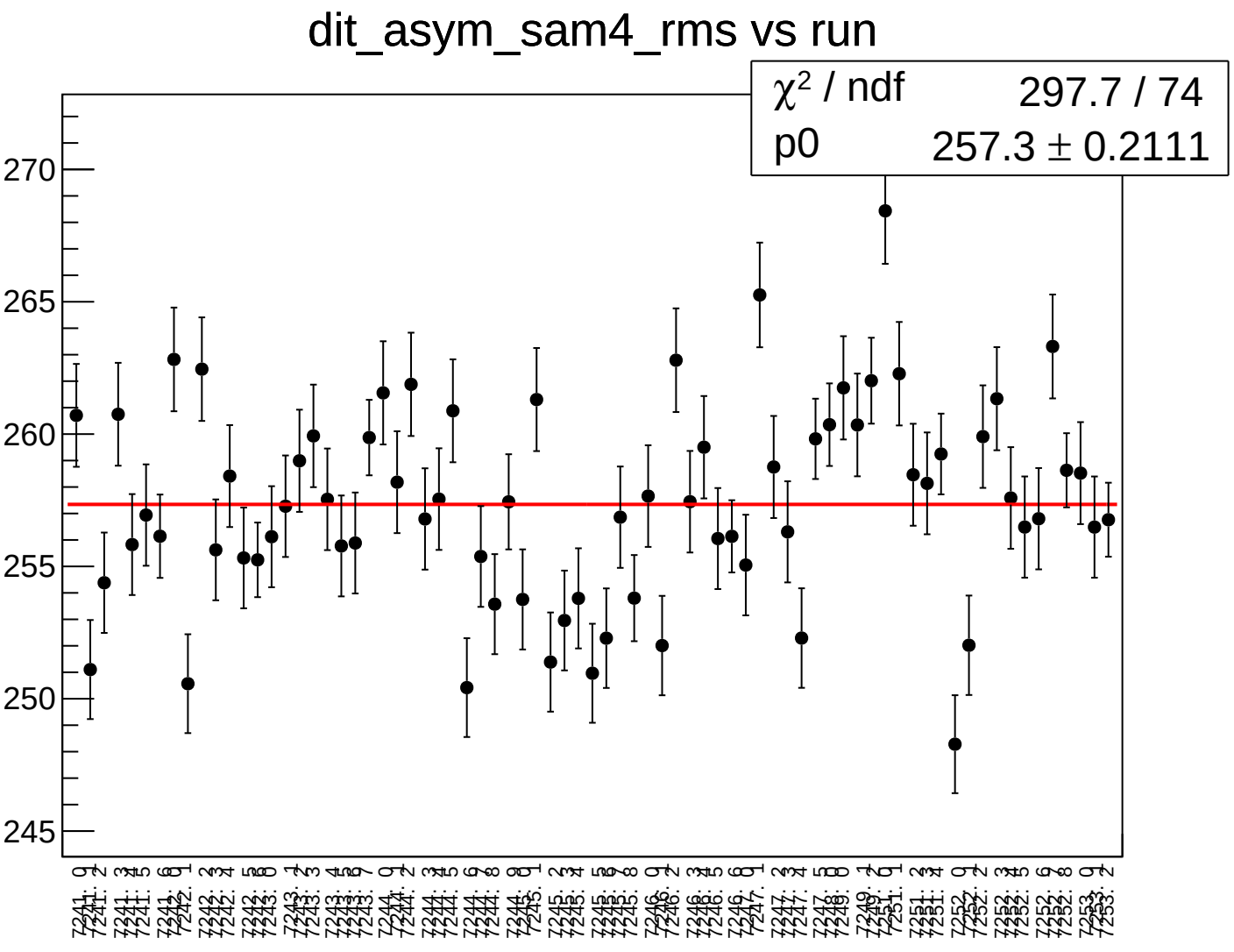

asym_sam3_mean vs run
χ² / ndf 87.41 / 74
p0 1305 ± 677.4
20000
10000
0
−10000
−20000
pull
Entries 75
Mean 66.88
Std Dev 49.69
2
1
0
−1
−2
−3

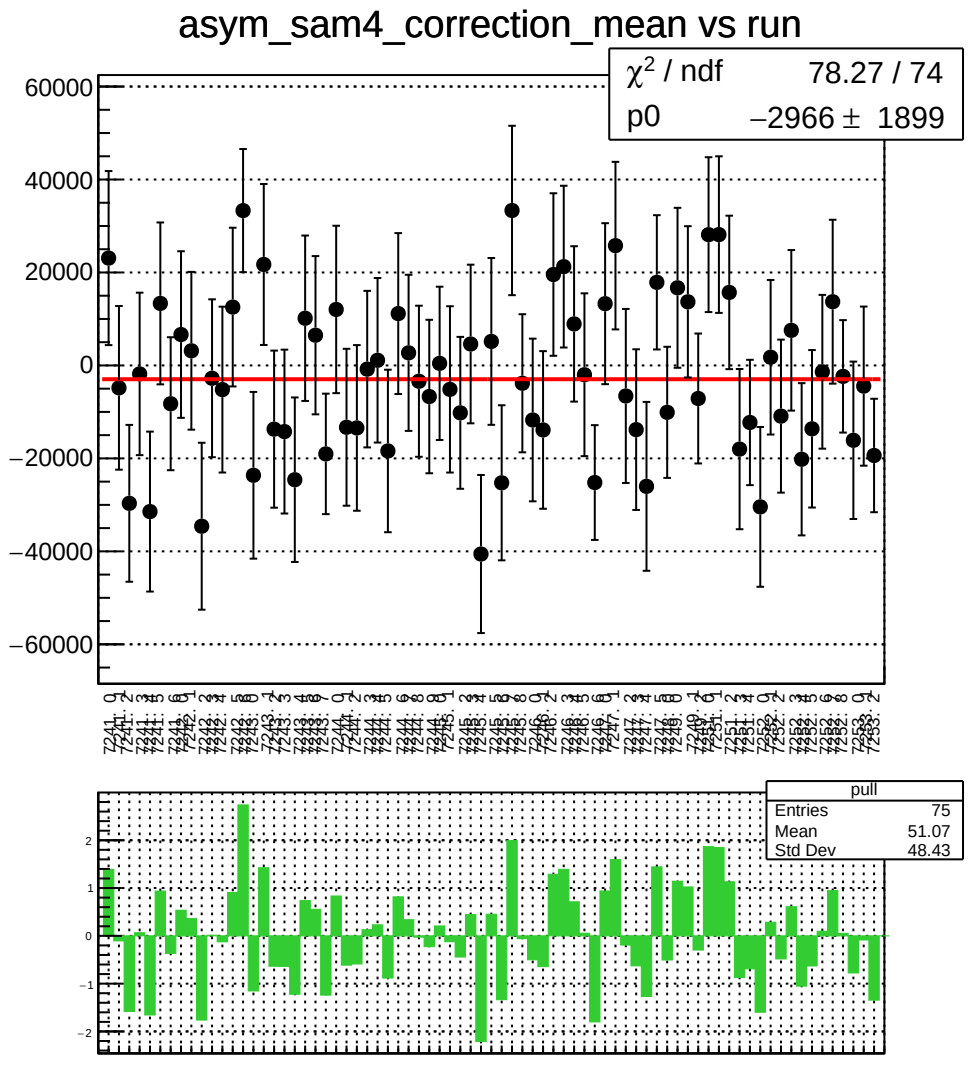

pull1D
Entries 75
Mean −0.03146
Std Dev 1.079
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

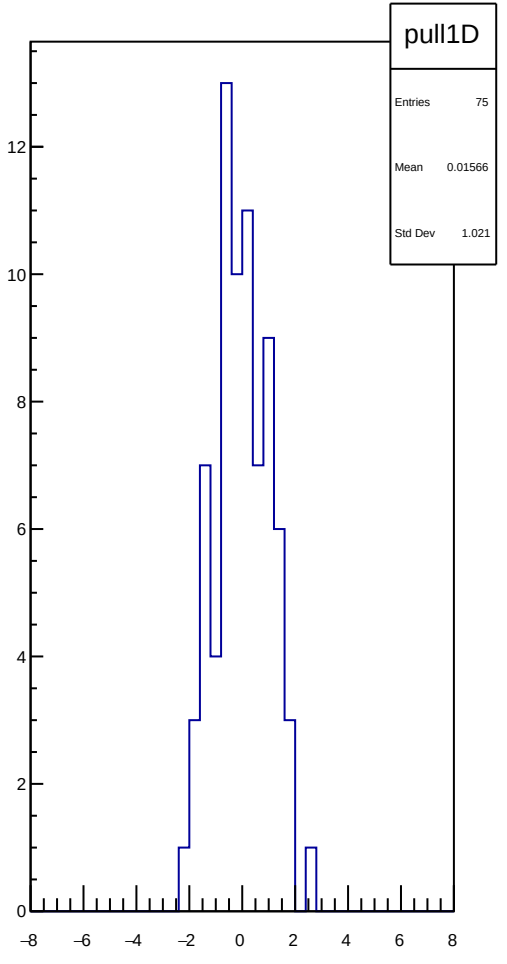

asym_sam3_rms vs run
χ² / ndf 7498 / 74
p0 582.5 ± 0.479
680
660
640
620
600
580
560
540
520
500
480

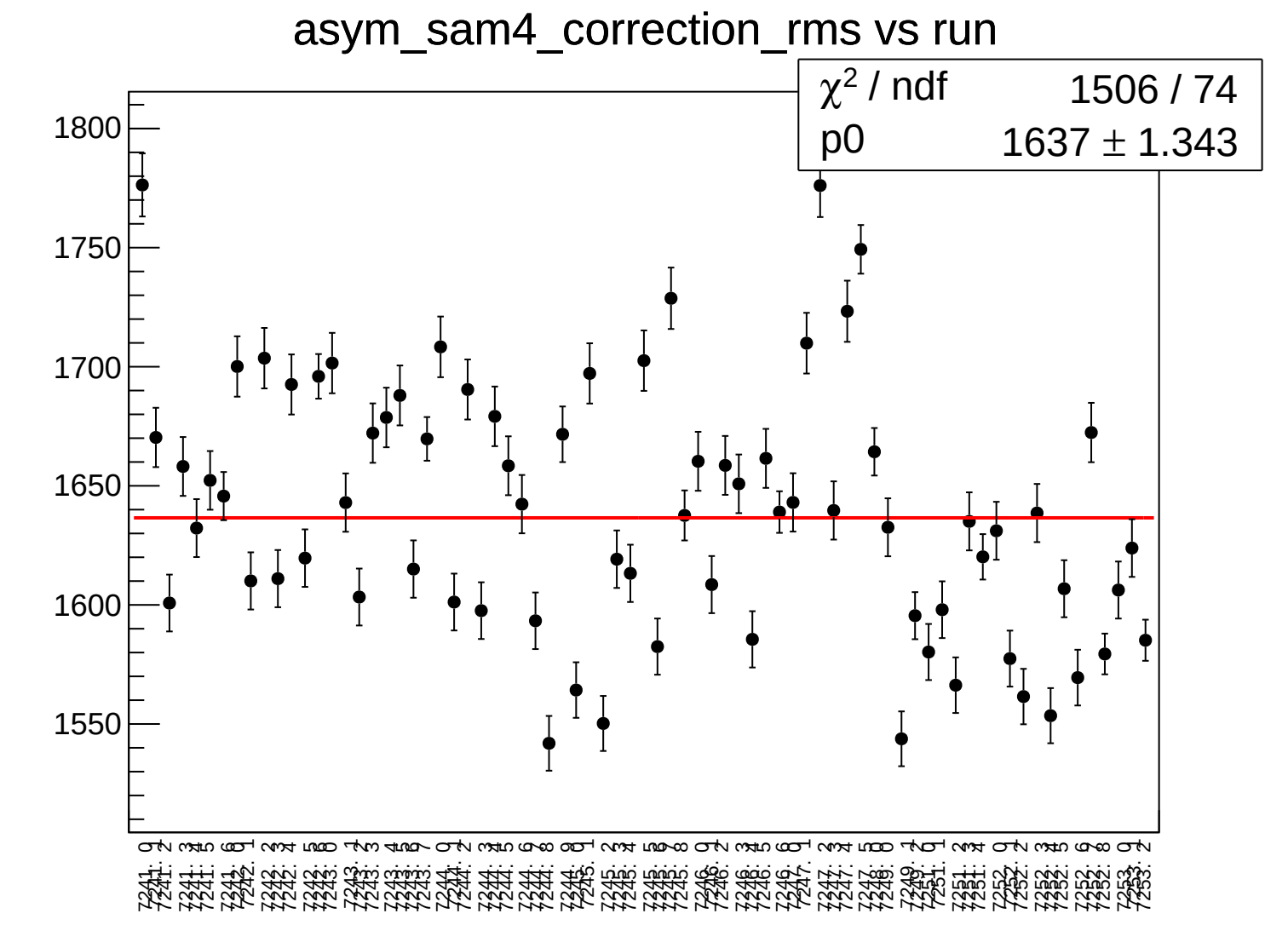

dit_asym_sam4_mean vs run
χ^2 / ndf 94.43 / 74
p0 587.7 ± 298.5
10000
5000
0
−5000
−10000
pull
Entries 75
Mean −143.2
Std Dev 187.3
2
1
0
−1
−2

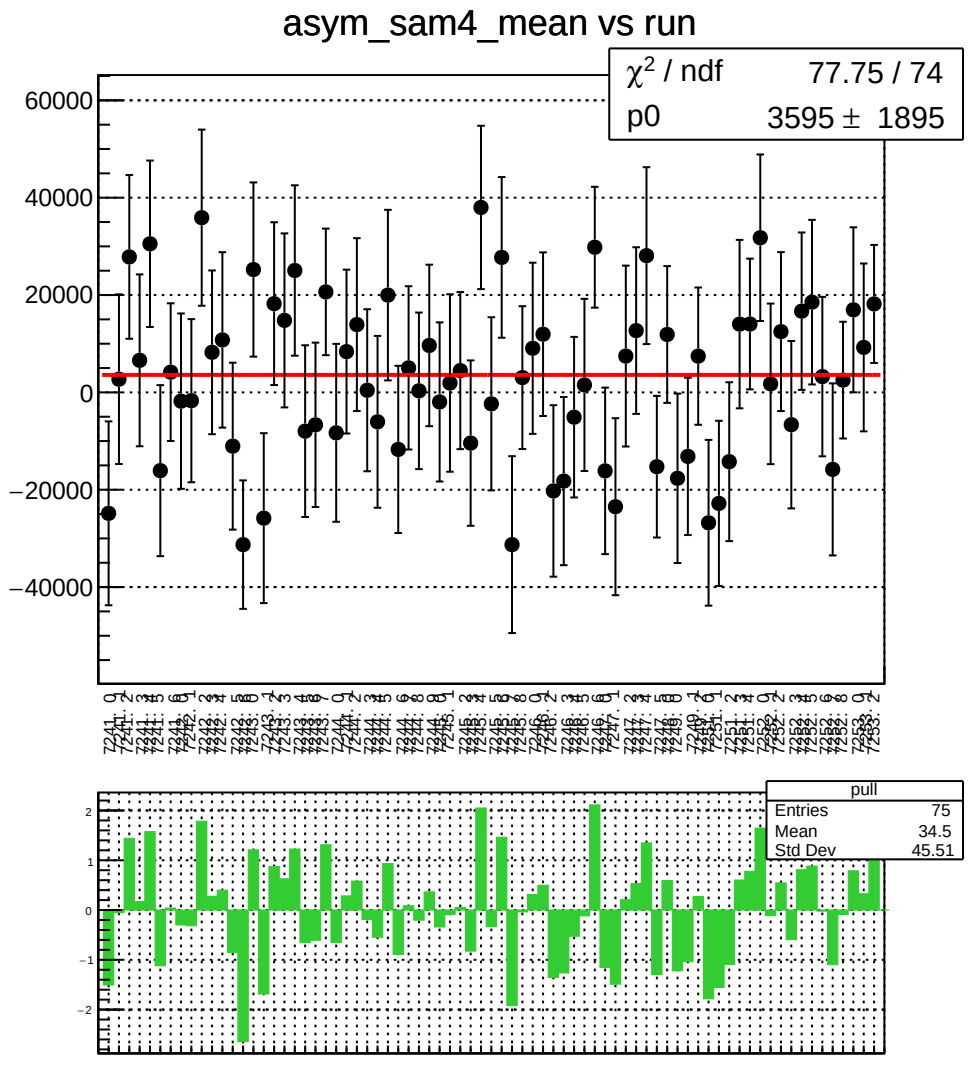

pull1D
Entries 75
Mean −0.009153
Std Dev 1.122
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

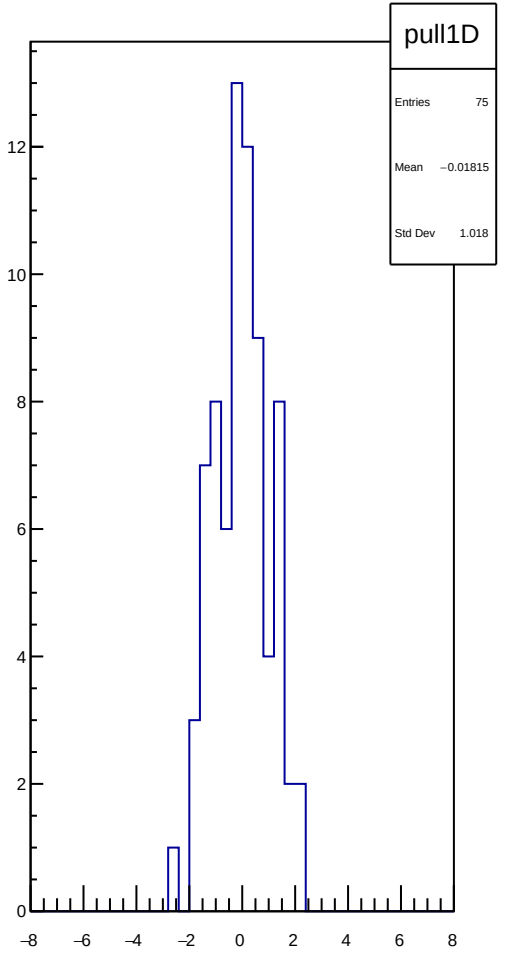

dit_asym_sam4_rms vs run
χ² / ndf 297.7 / 74
p0 257.3 ± 0.2111
270
265
260
255
250
245

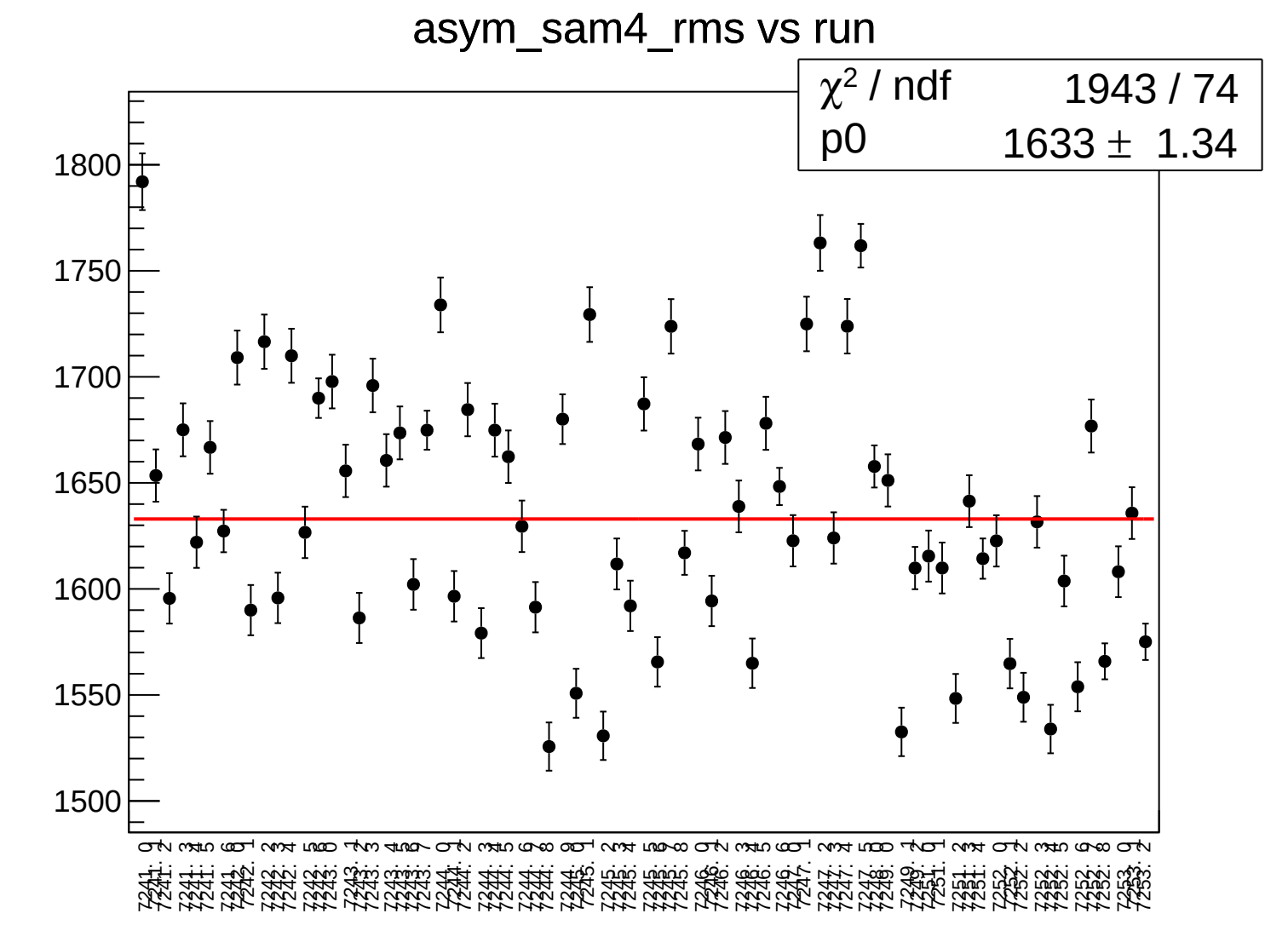

asym_sam4_correction_mean vs run
χ² / ndf 78.27 / 74
p0 −2966 ± 1899
pull
Entries 75
Mean 51.07
Std Dev 48.43

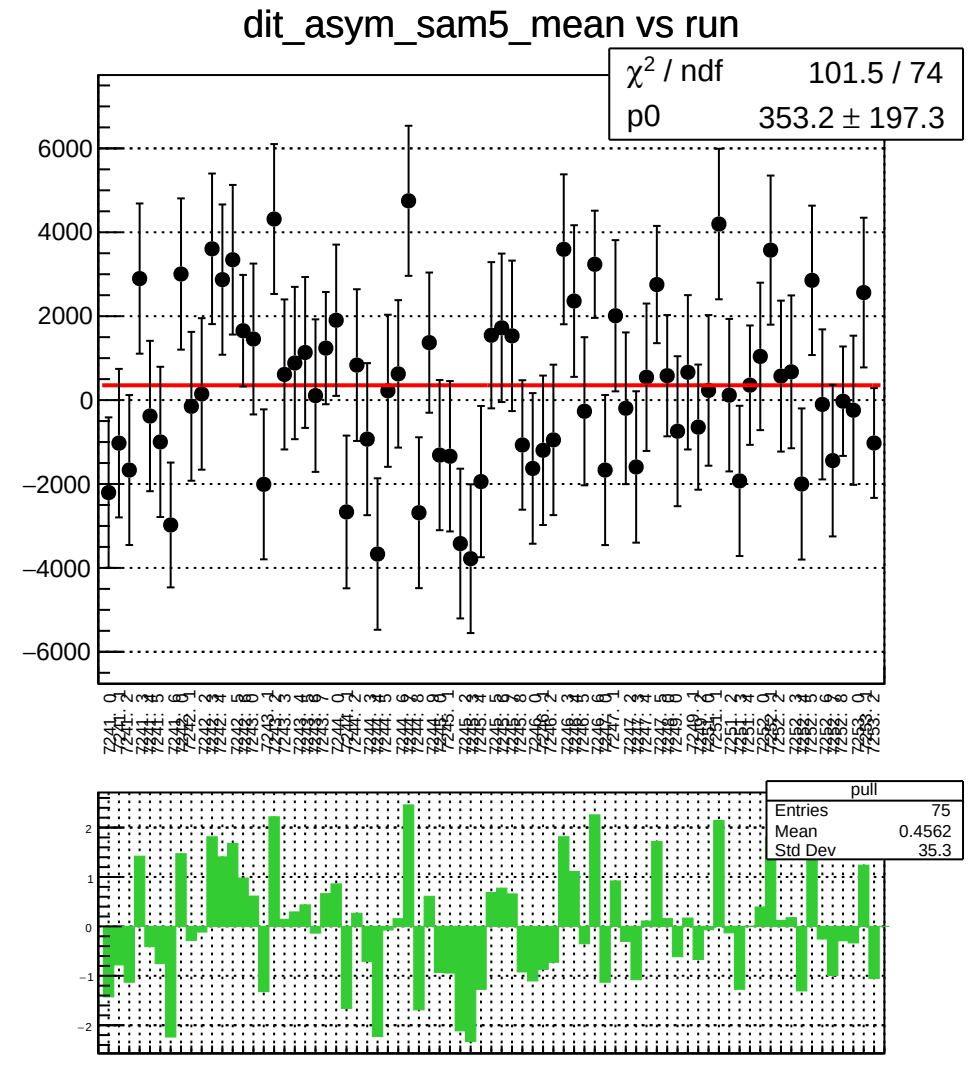

pull1D
Entries 75
Mean 0.01566
Std Dev 1.021

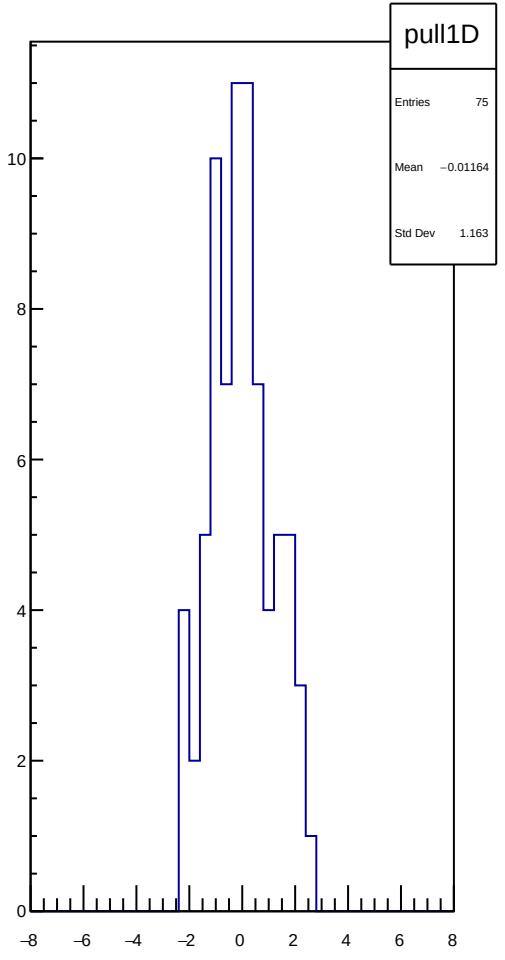

asym_sam4_correction_rms vs run
χ² / ndf 1506 / 74
p0 1637 ± 1.343
1800
1750
1700
1650
1600
1550

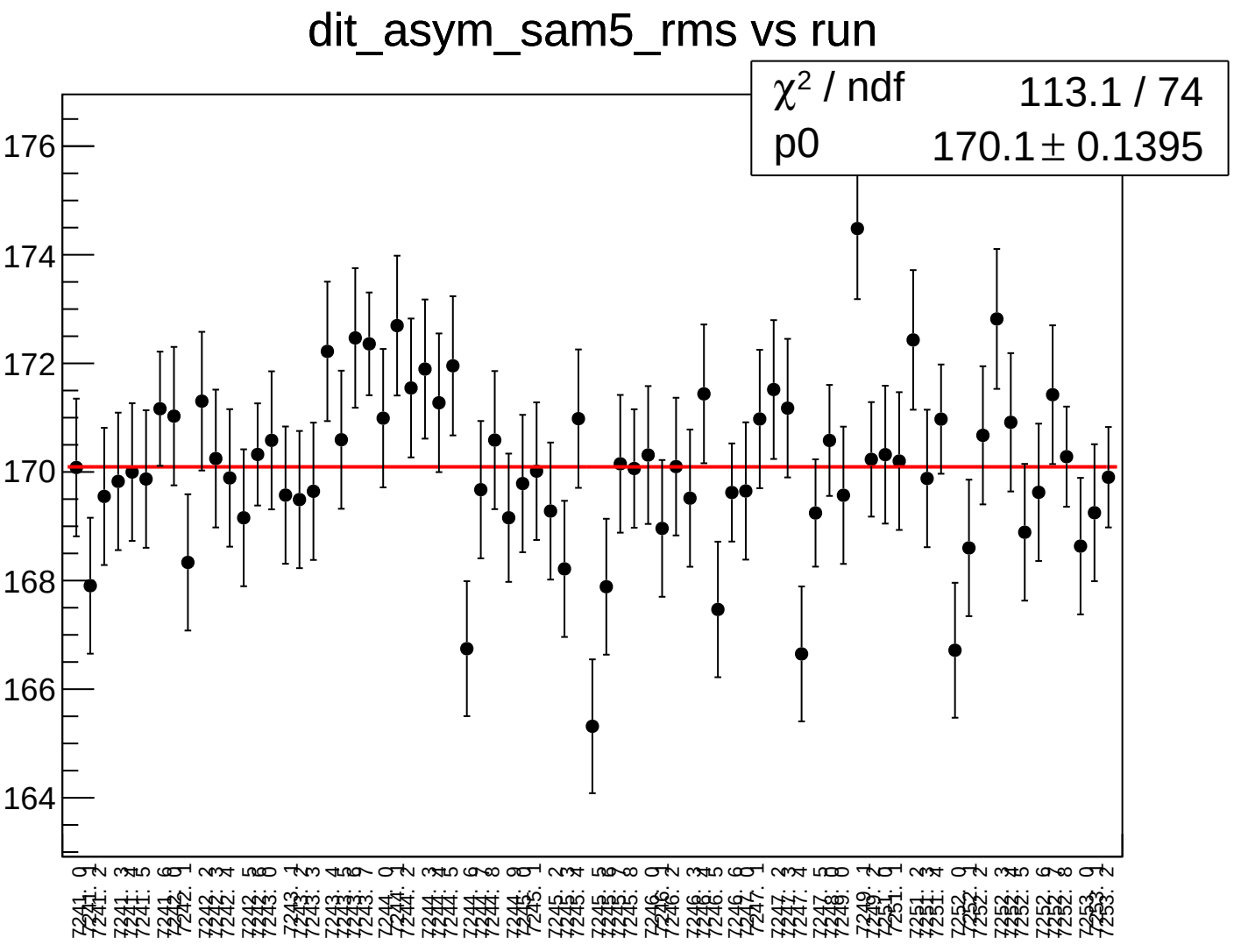

asym_sam4_mean vs run
χ² / ndf 77.75 / 74
p0 3595 ± 1895
60000
40000
20000
0
−20000
−40000
pull
Entries 75
Mean 34.5
Std Dev 45.51
2
1
0
−1
−2

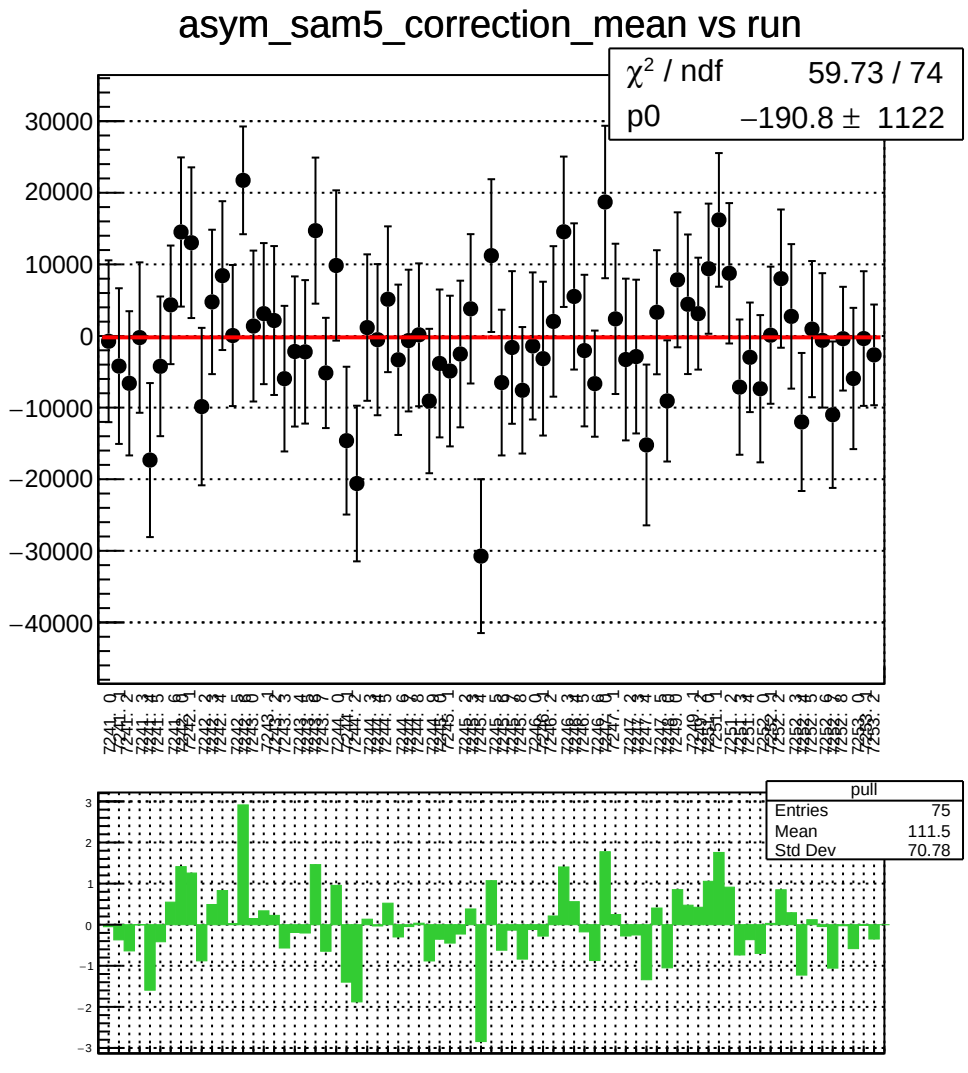

pull1D
Entries 75
Mean −0.01815
Std Dev 1.018
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

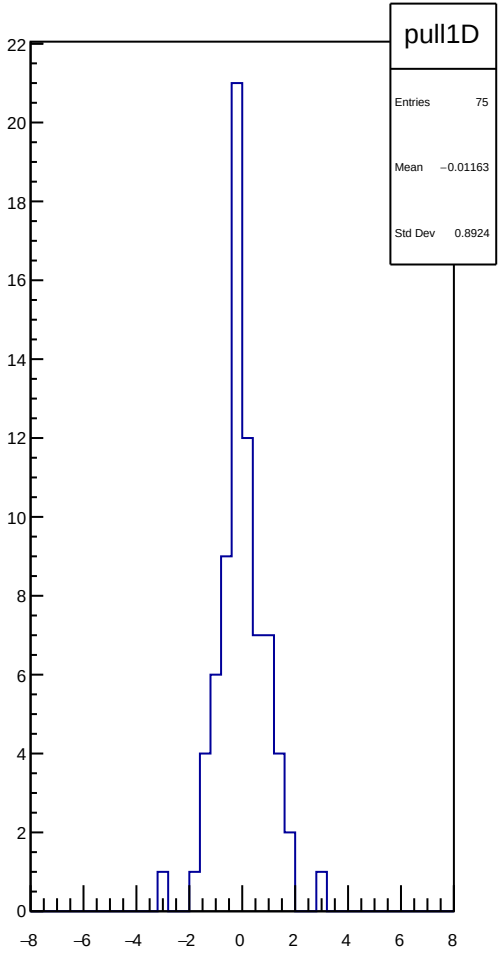

asym_sam4_rms vs run
χ² / ndf 1943 / 74
p0 1633 ± 1.34
1800
1750
1700
1650
1600
1550
1500

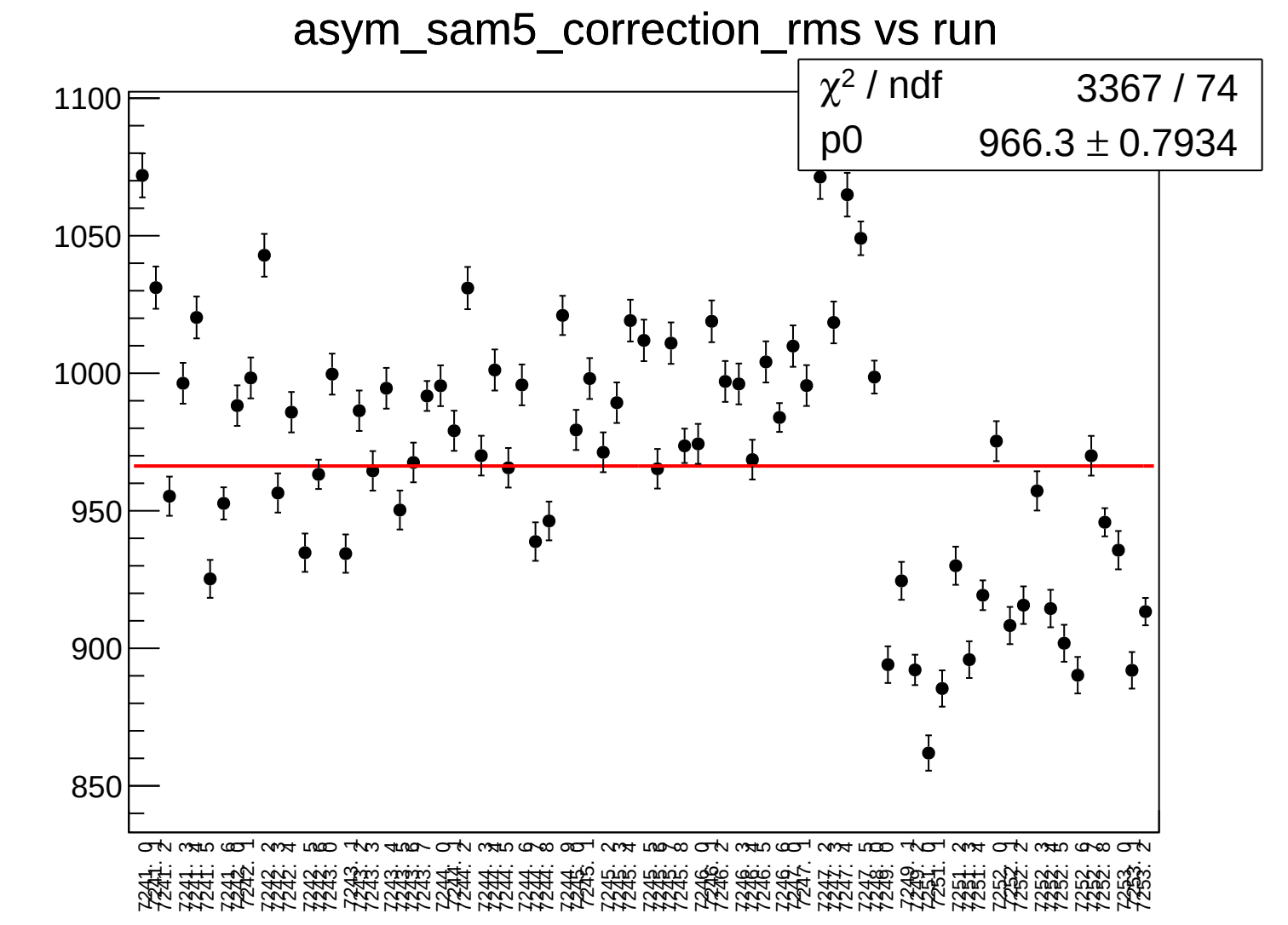

dit_asym_sam5_mean vs run
χ² / ndf 101.5 / 74
p0 353.2 ± 197.3
pull
Entries 75
Mean 0.4562
Std Dev 35.3

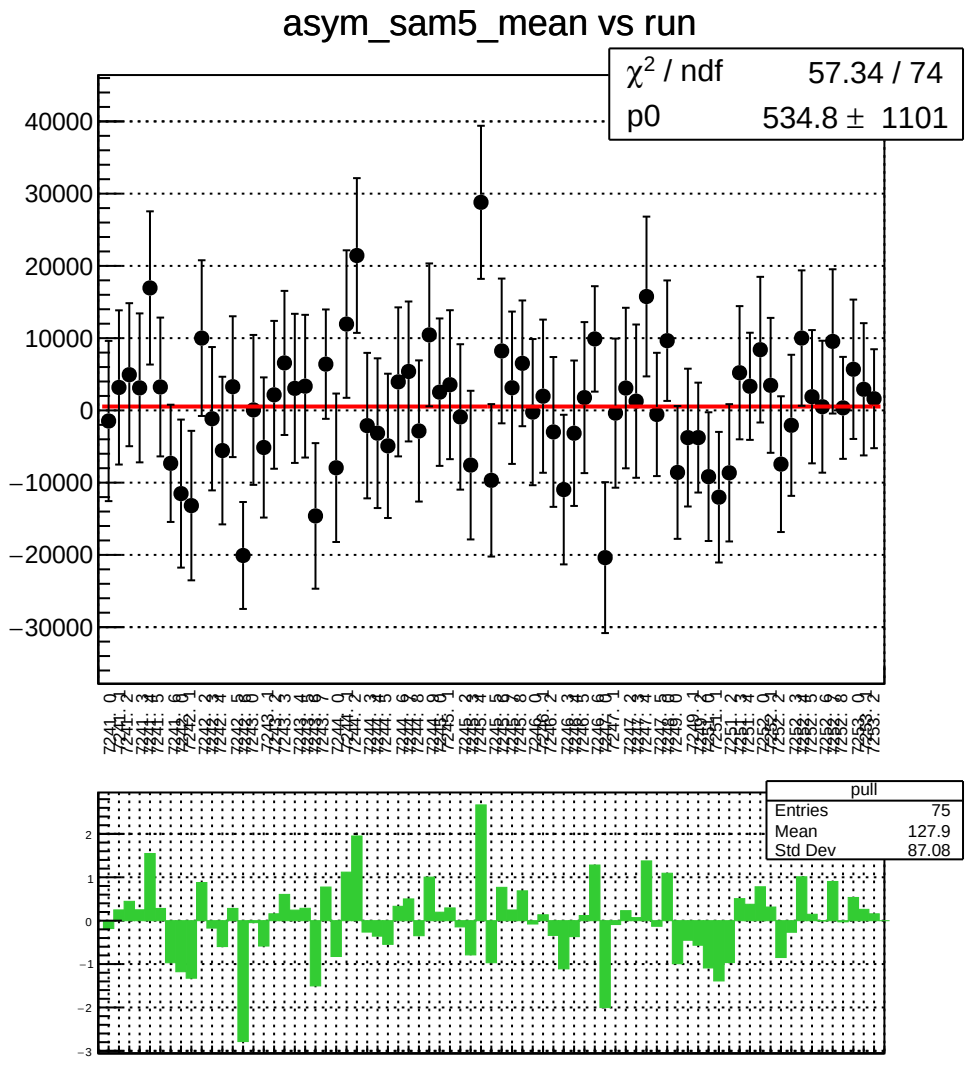

pull1D
Entries 75
Mean −0.01164
Std Dev 1.163

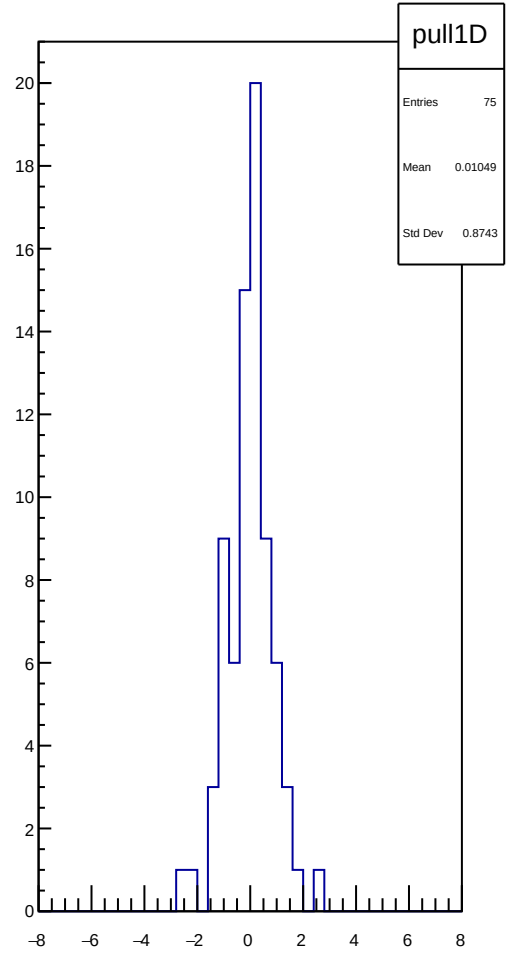

dit_asym_sam5_rms vs run
χ² / ndf 113.1 / 74
p0 170.1 ± 0.1395
176
174
172
170
168
166
164

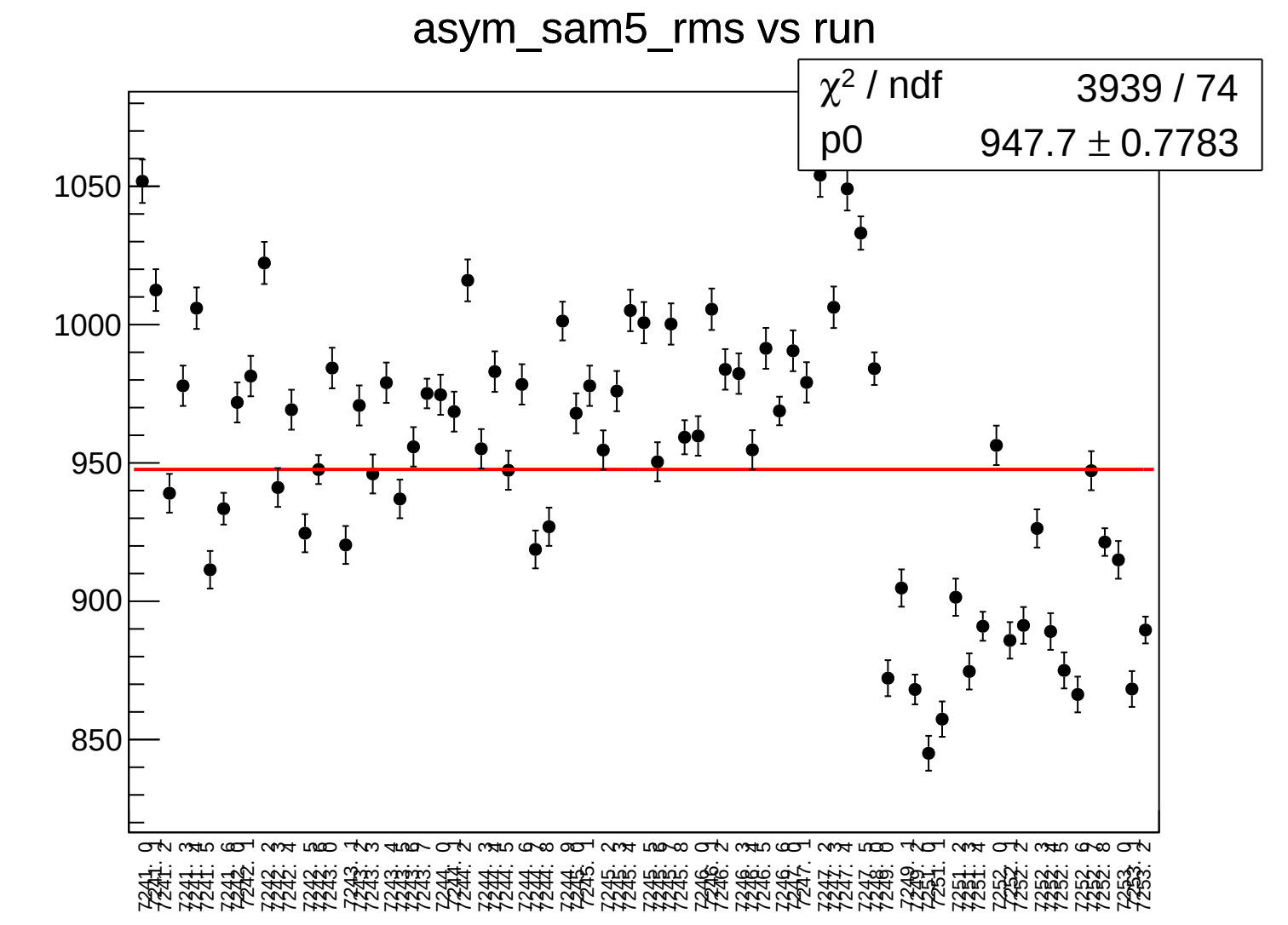

asym_sam5_correction_mean vs run
χ² / ndf 59.73 / 74
p0 −190.8 ± 1122
pull
Entries 75
Mean 111.5
Std Dev 70.78

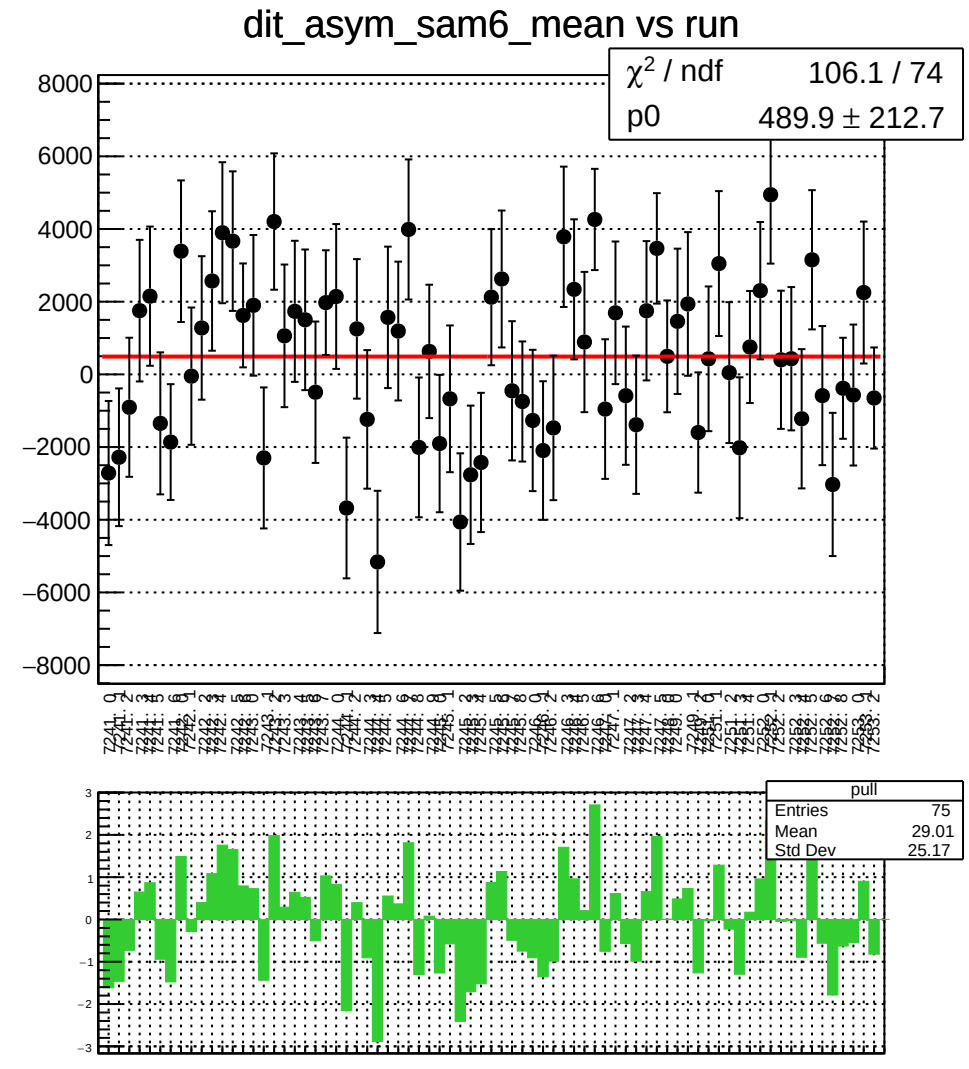

pull1D
Entries 75
Mean −0.01163
Std Dev 0.8924

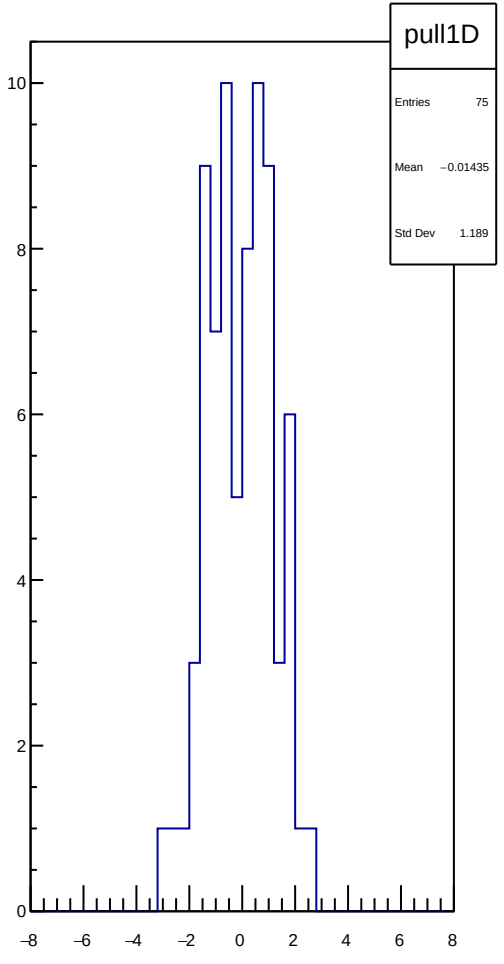

asym_sam5_correction_rms vs run
χ² / ndf 3367 / 74
p0 966.3 ± 0.7934
1100
1050
1000
950
900
850

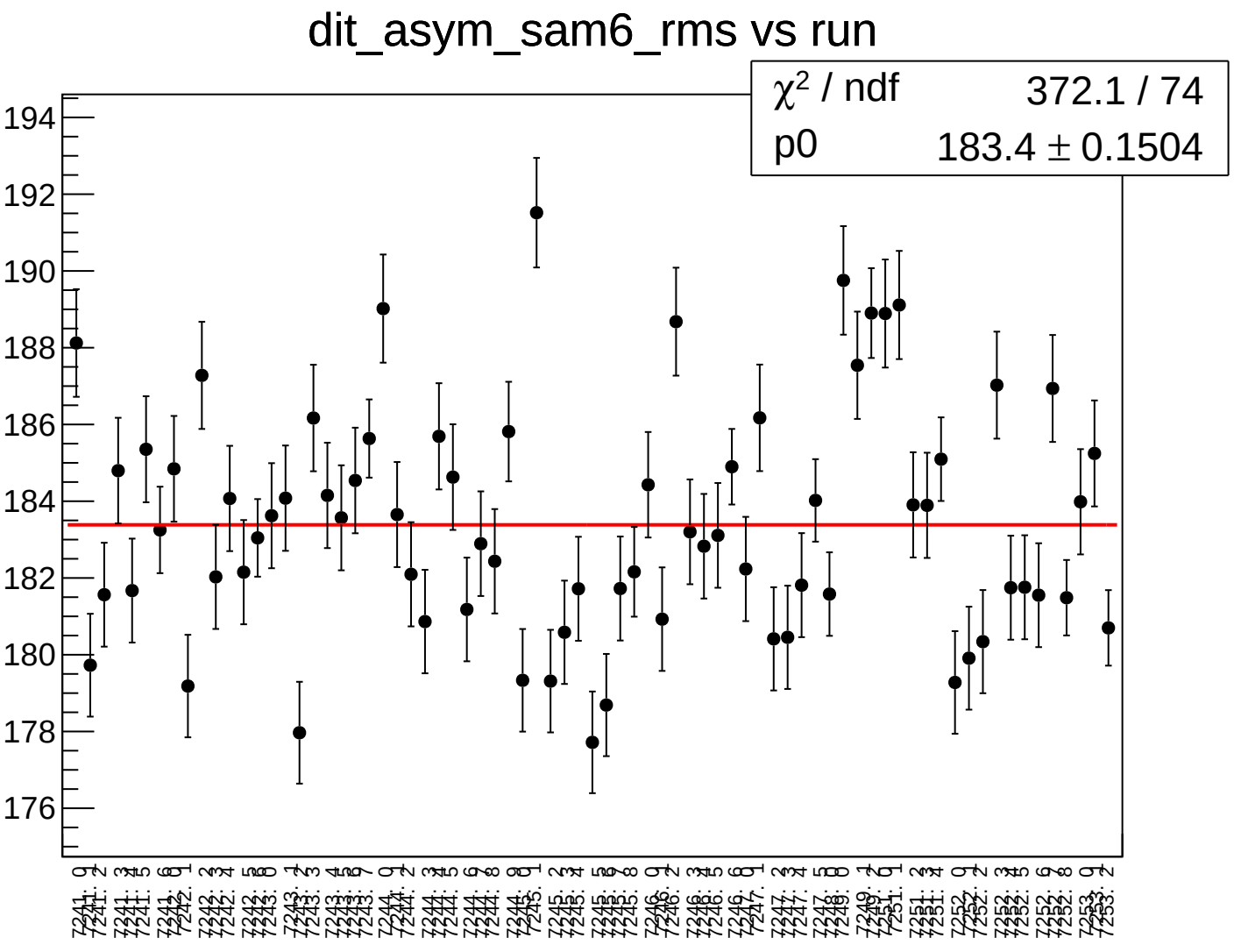

asym_sam5_mean vs run
χ² / ndf 57.34 / 74
p0 534.8 ± 1101
pull
Entries 75
Mean 127.9
Std Dev 87.08

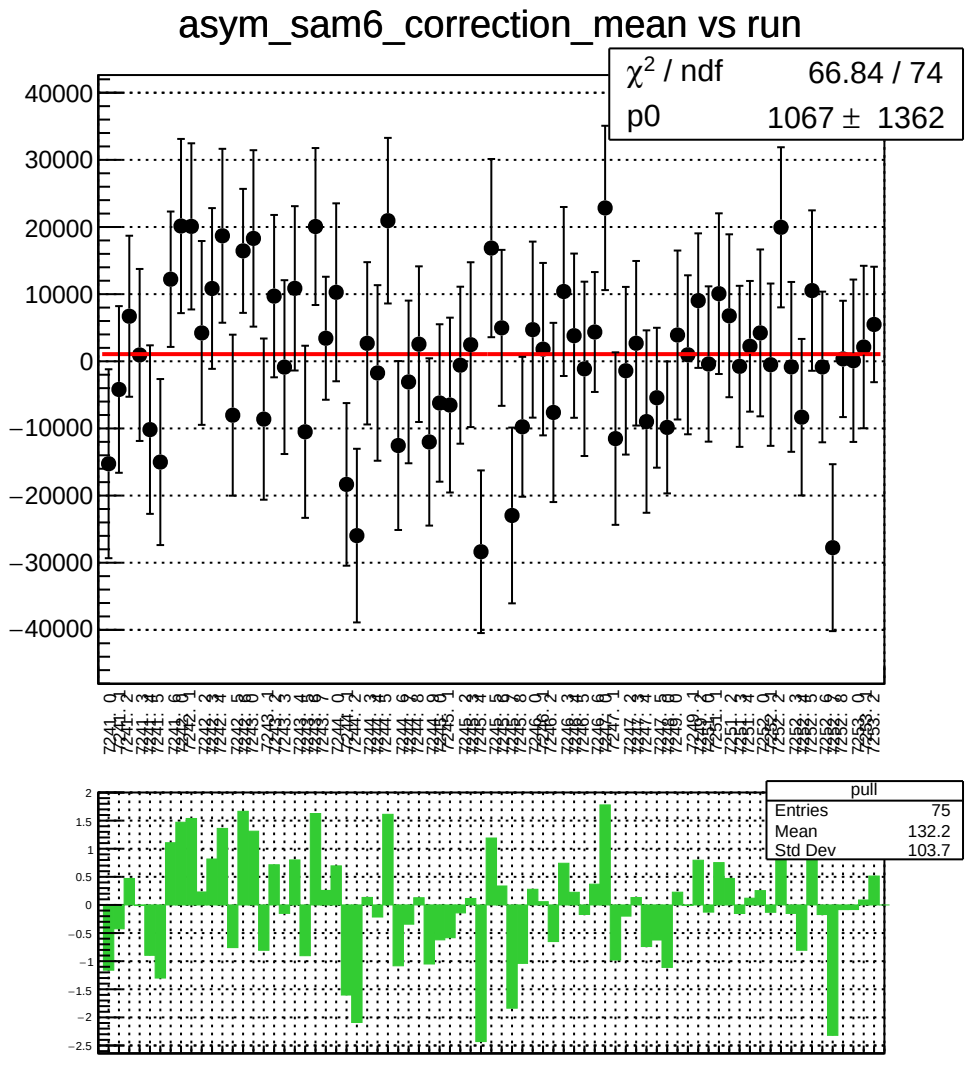

pull1D
Entries 75
Mean 0.01049
Std Dev 0.8743

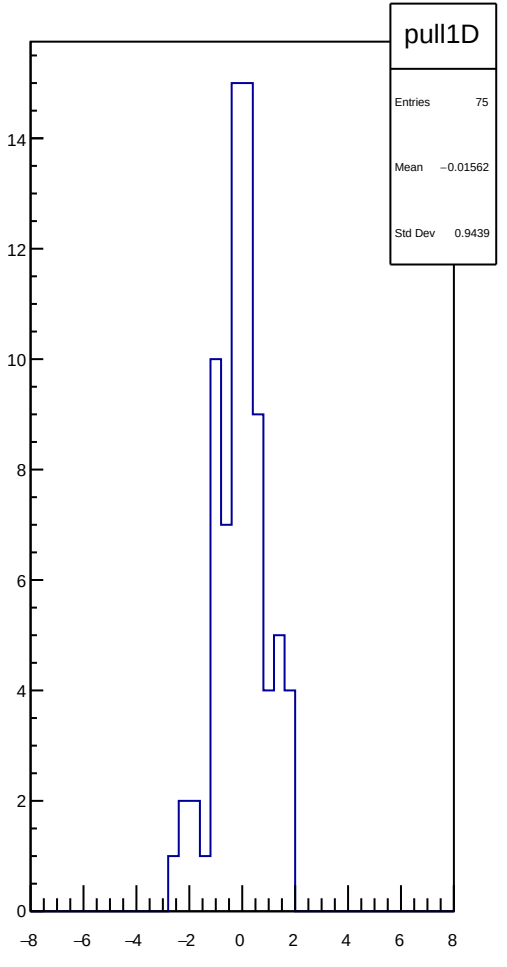

asym_sam5_rms vs run
χ² / ndf 3939 / 74
p0 947.7 ± 0.7783
1050
1000
950
900
850

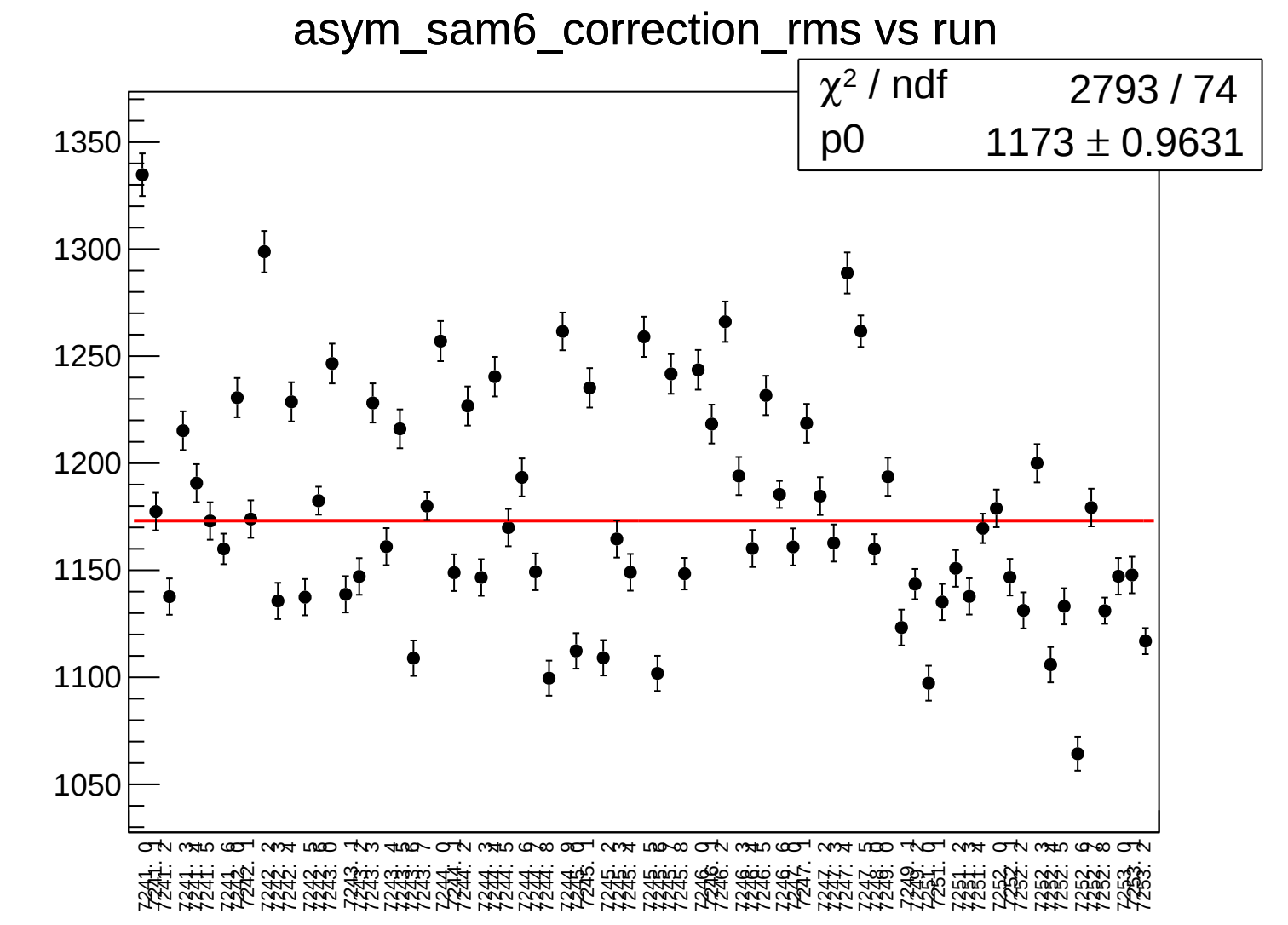

dit_asym_sam6_mean vs run
χ^2 / ndf 106.1 / 74
p0 489.9 ± 212.7
pull
Entries 75
Mean 29.01
Std Dev 25.17

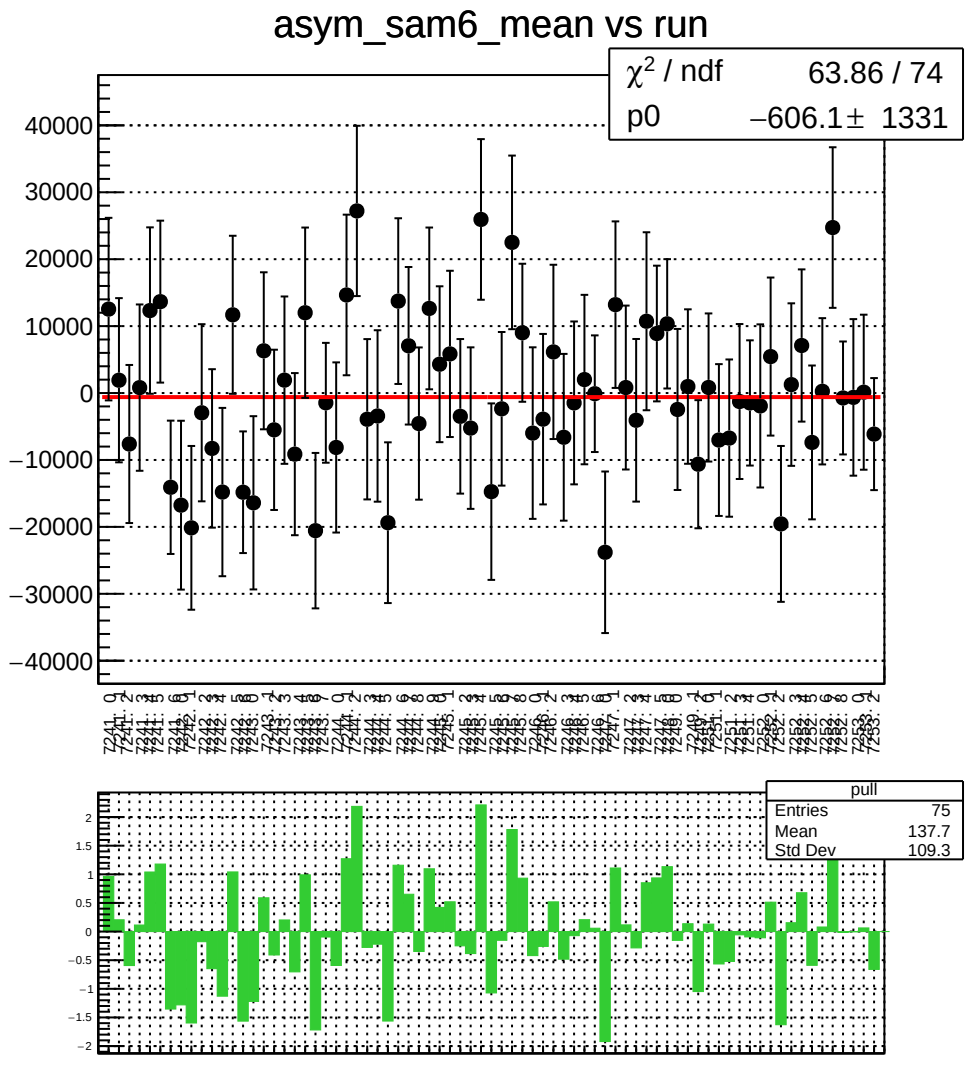

pull1D
Entries 75
Mean −0.01435
Std Dev 1.189

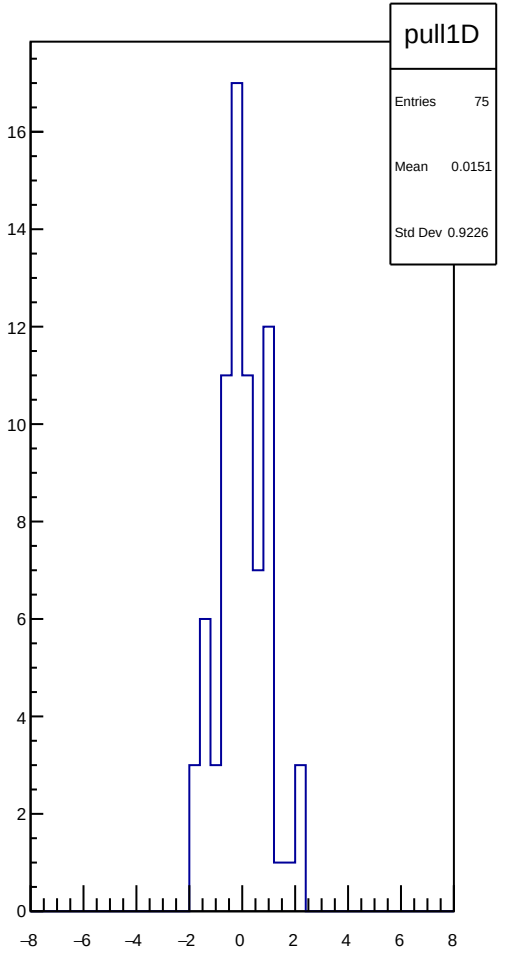

dit_asym_sam6_rms vs run
χ^2 / ndf 372.1 / 74
p0 183.4 ± 0.1504
194
192
190
188
186
184
182
180
178
176

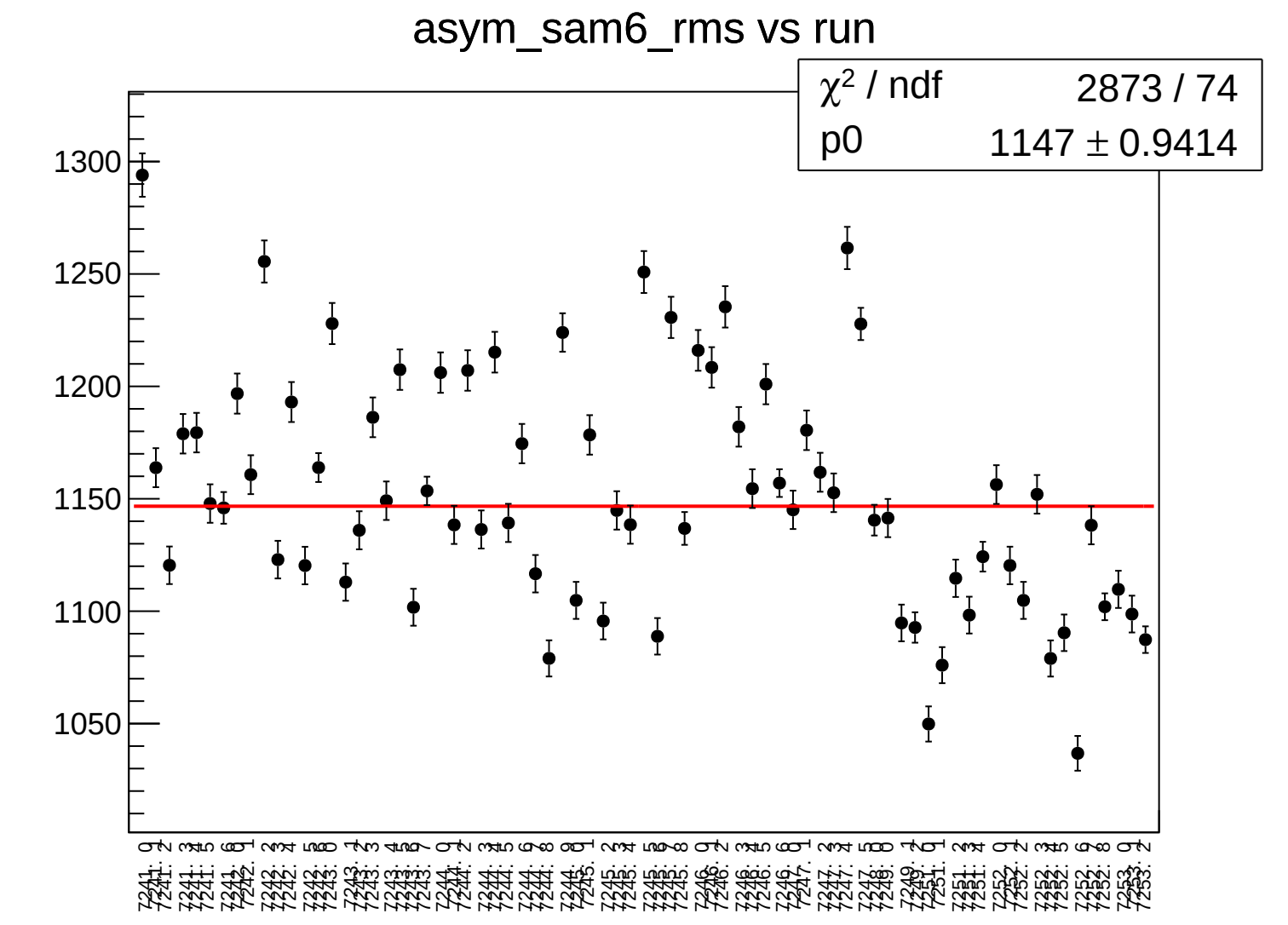

asym_sam6_correction_mean vs run
χ² / ndf 66.84 / 74
p0 1067 ± 1362
pull
Entries 75
Mean 132.2
Std Dev 103.7

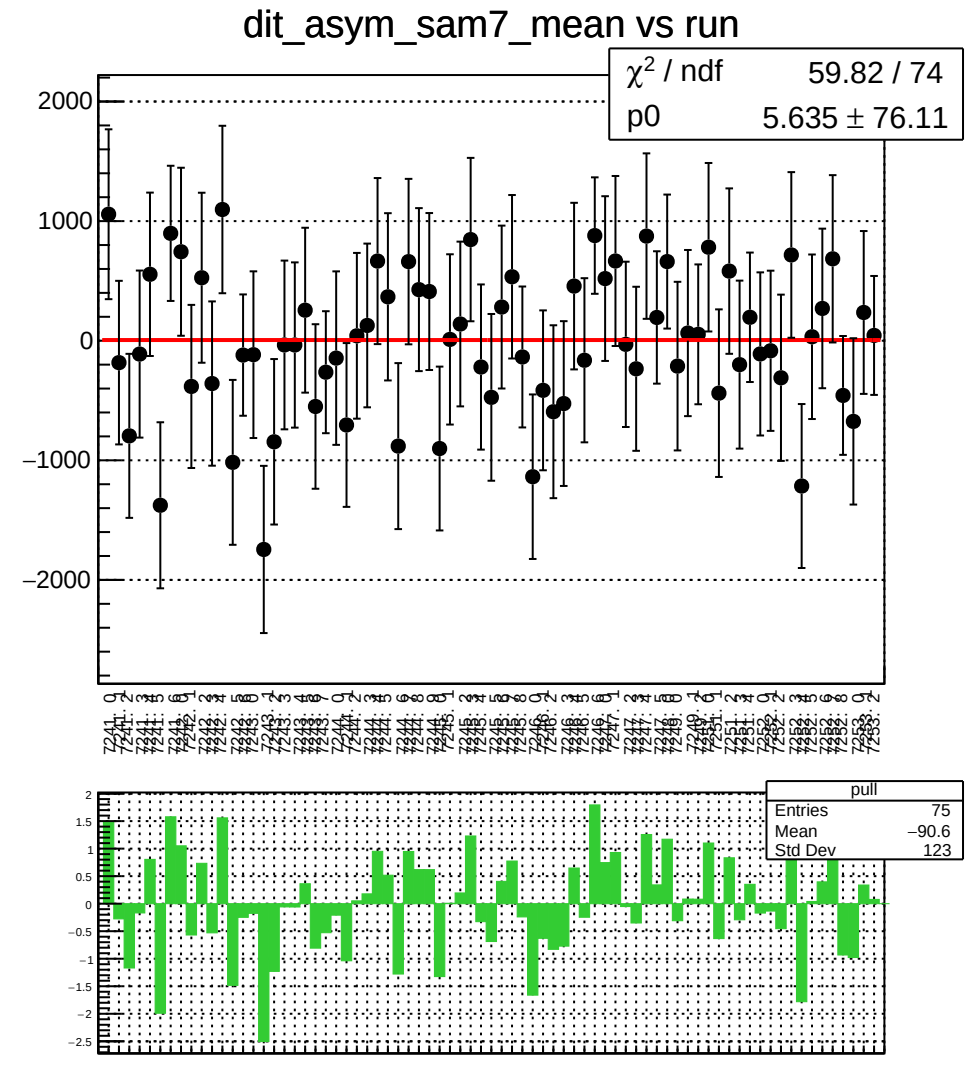

pull1D
Entries 75
Mean −0.01562
Std Dev 0.9439

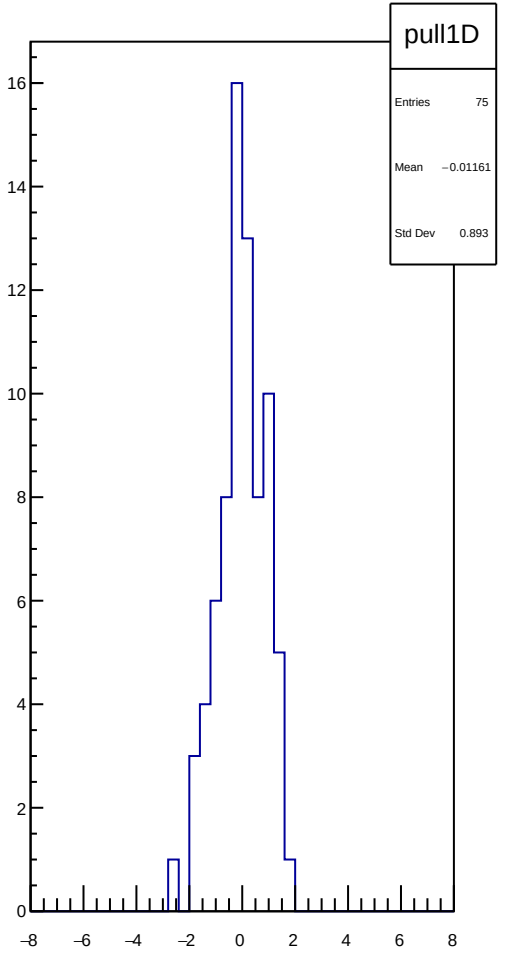

asym_sam6_correction_rms vs run
χ² / ndf 2793 / 74
p0 1173 ± 0.9631
1350
1300
1250
1200
1150
1100
1050

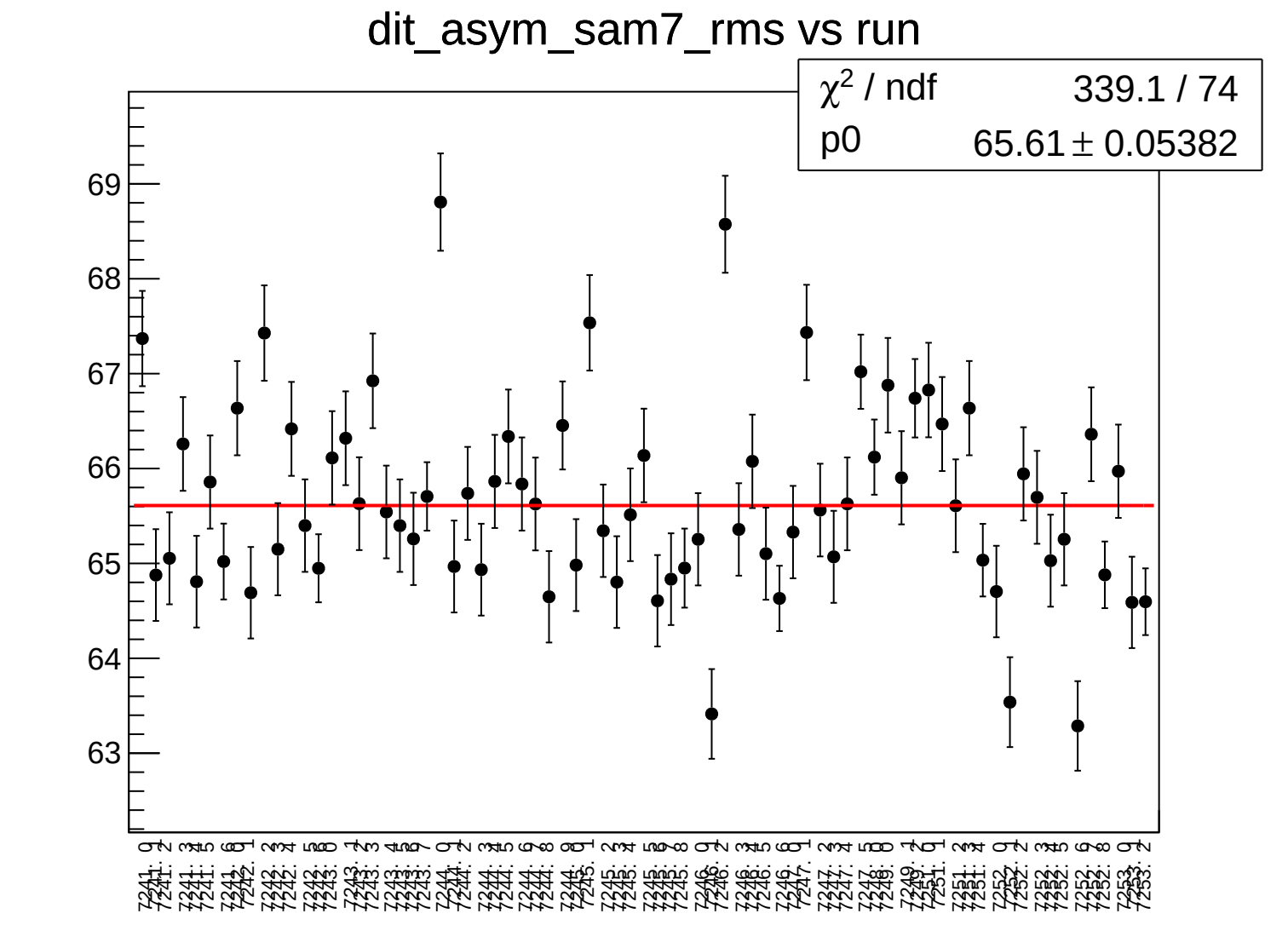

asym_sam6_mean vs run
χ² / ndf 63.86 / 74
p0 −606.1± 1331
pull
Entries 75
Mean 137.7
Std Dev 109.3

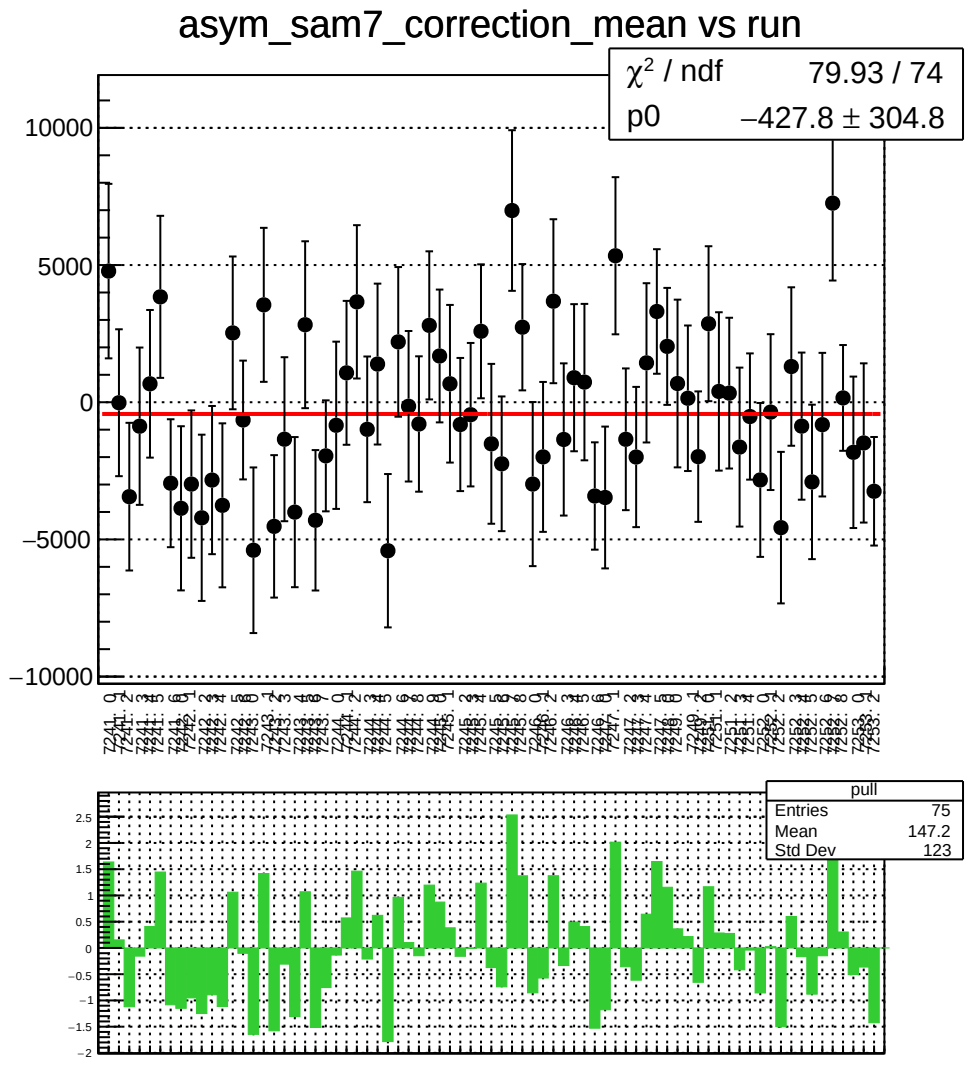

pull1D
Entries 75
Mean 0.0151
Std Dev 0.9226

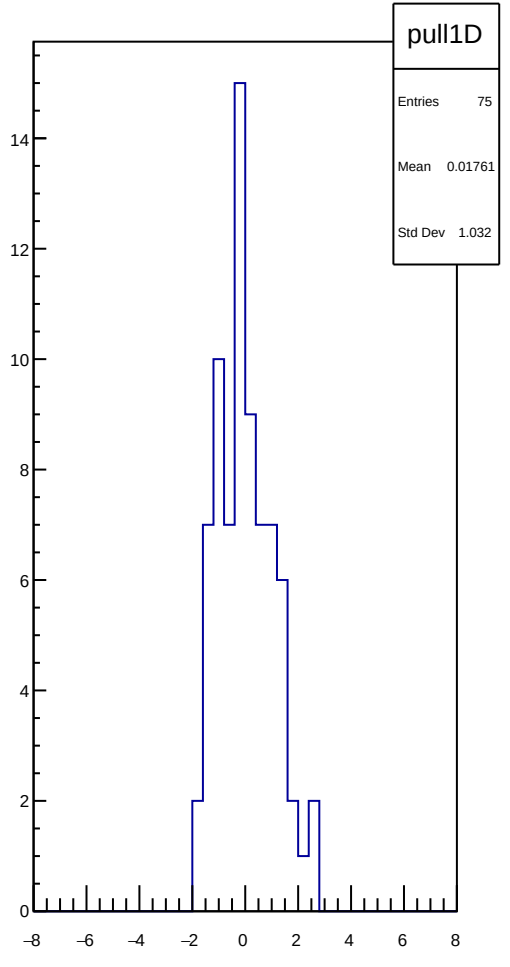

asym_sam6_rms vs run
χ² / ndf 2873 / 74
p0 1147 ± 0.9414
1300
1250
1200
1150
1100
1050

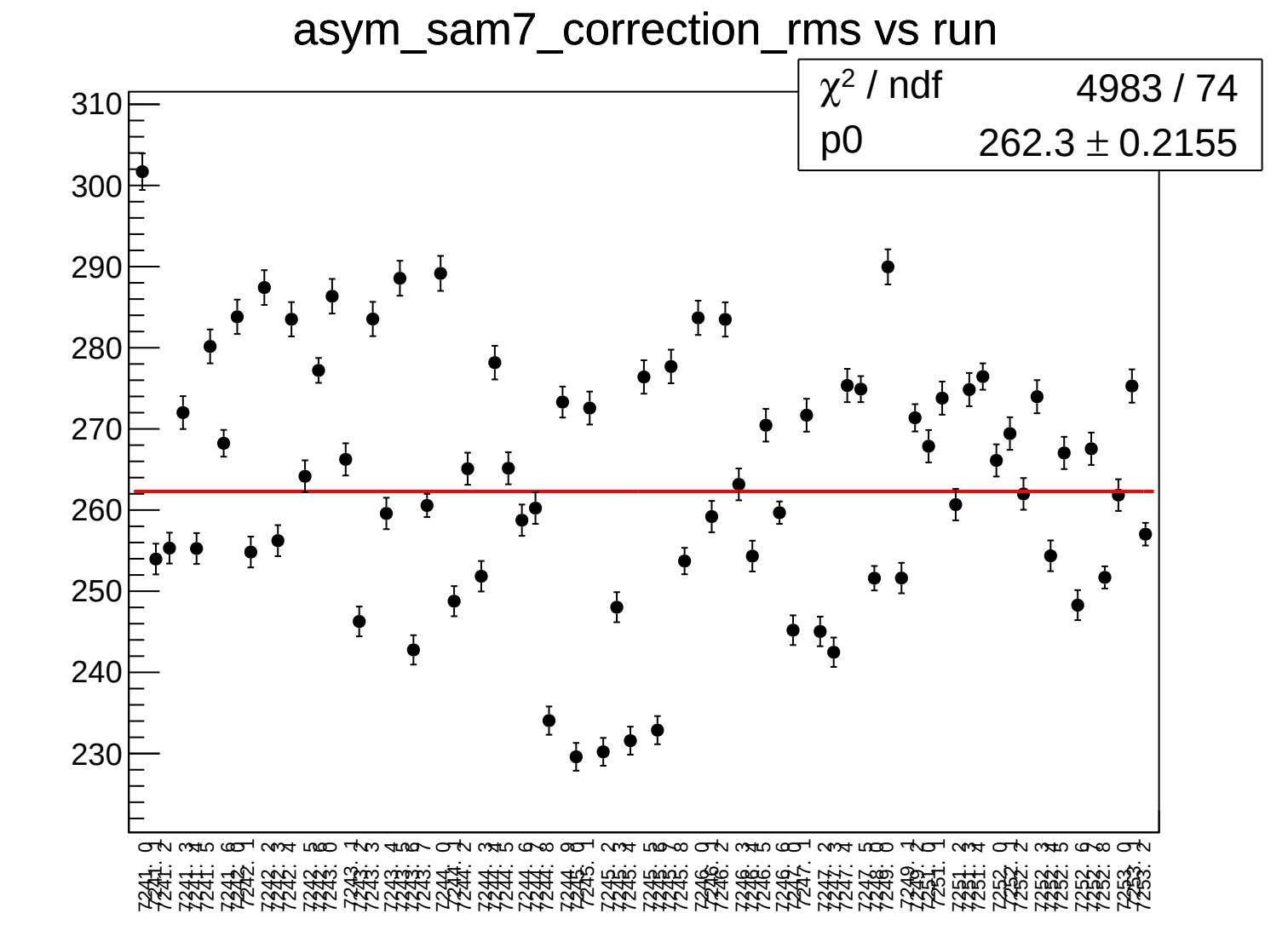

dit_asym_sam7_mean vs run
χ² / ndf 59.82 / 74
p0 5.635 ± 76.11
2000
1000
0
−1000
−2000
pull
Entries 75
Mean −90.6
Std Dev 123
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

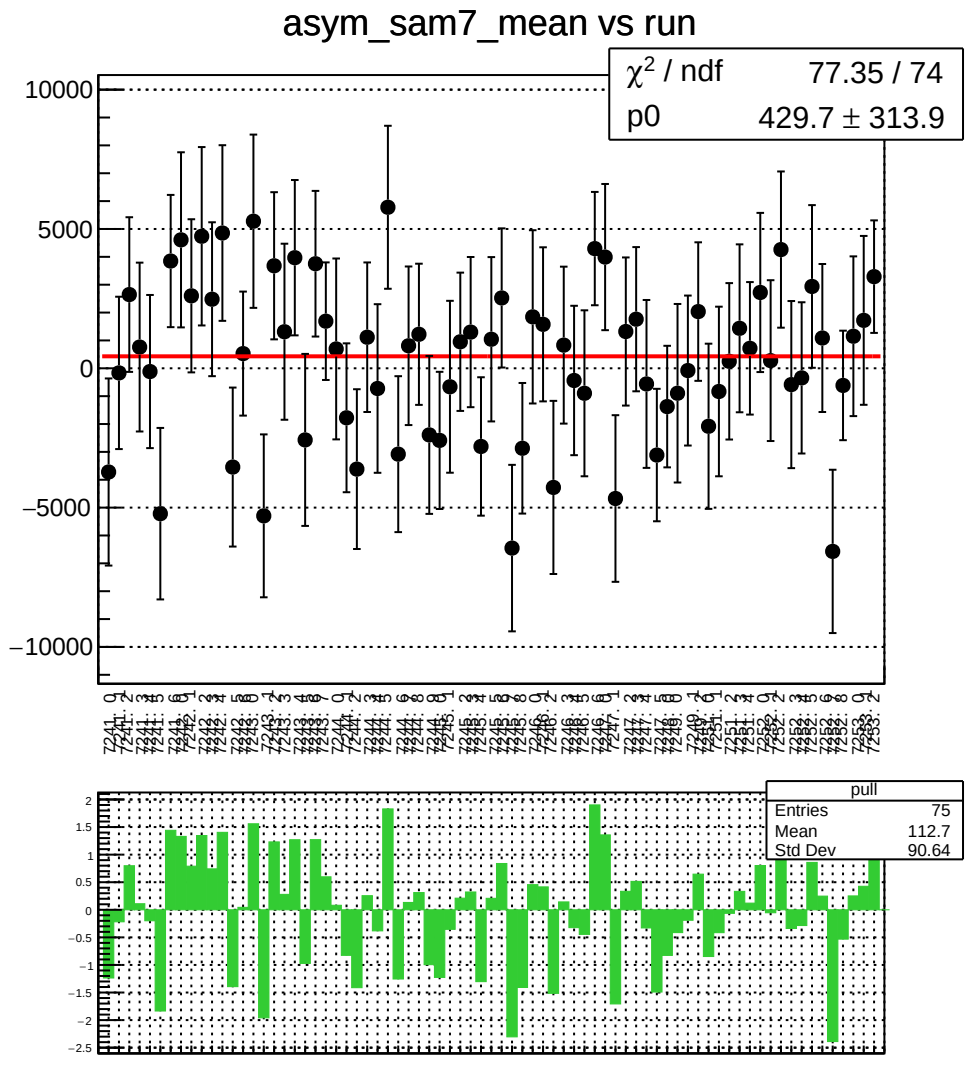

pull1D
Entries 75
Mean −0.01161
Std Dev 0.893
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

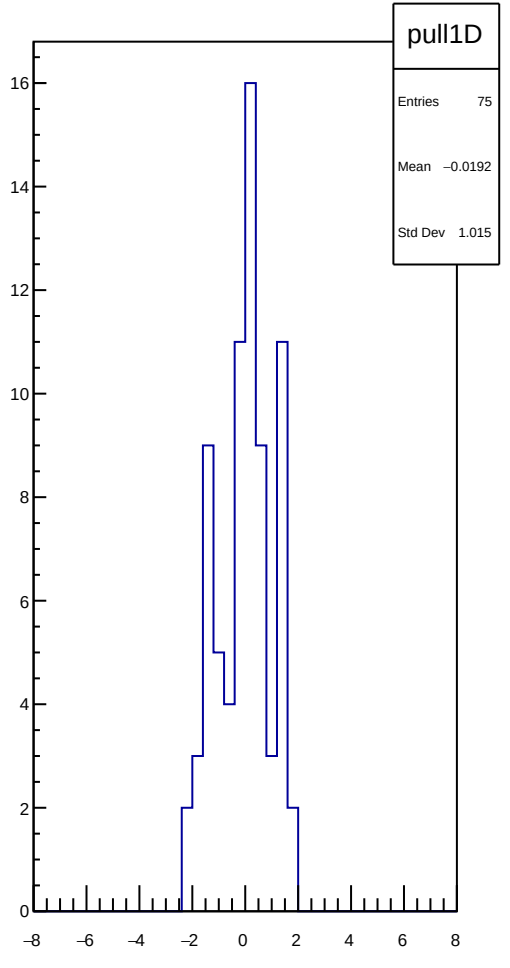

dit_asym_sam7_rms vs run
χ^2 / ndf 339.1 / 74
p0 65.61 ± 0.05382
69
68
67
66
65
64
63

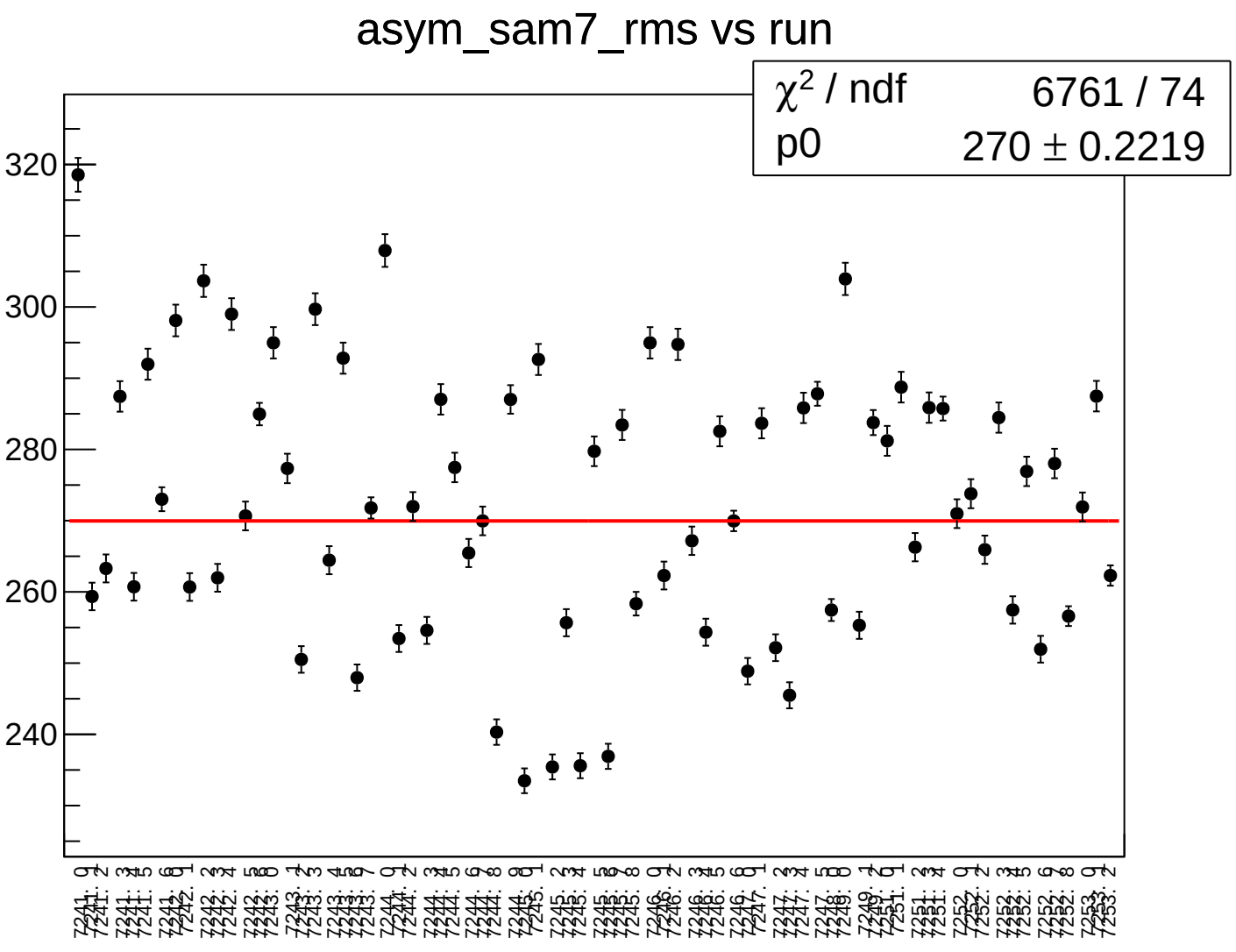

asym_sam7_correction_mean vs run
χ² / ndf 79.93 / 74
p0 −427.8 ± 304.8
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 147.2
Std Dev 123
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

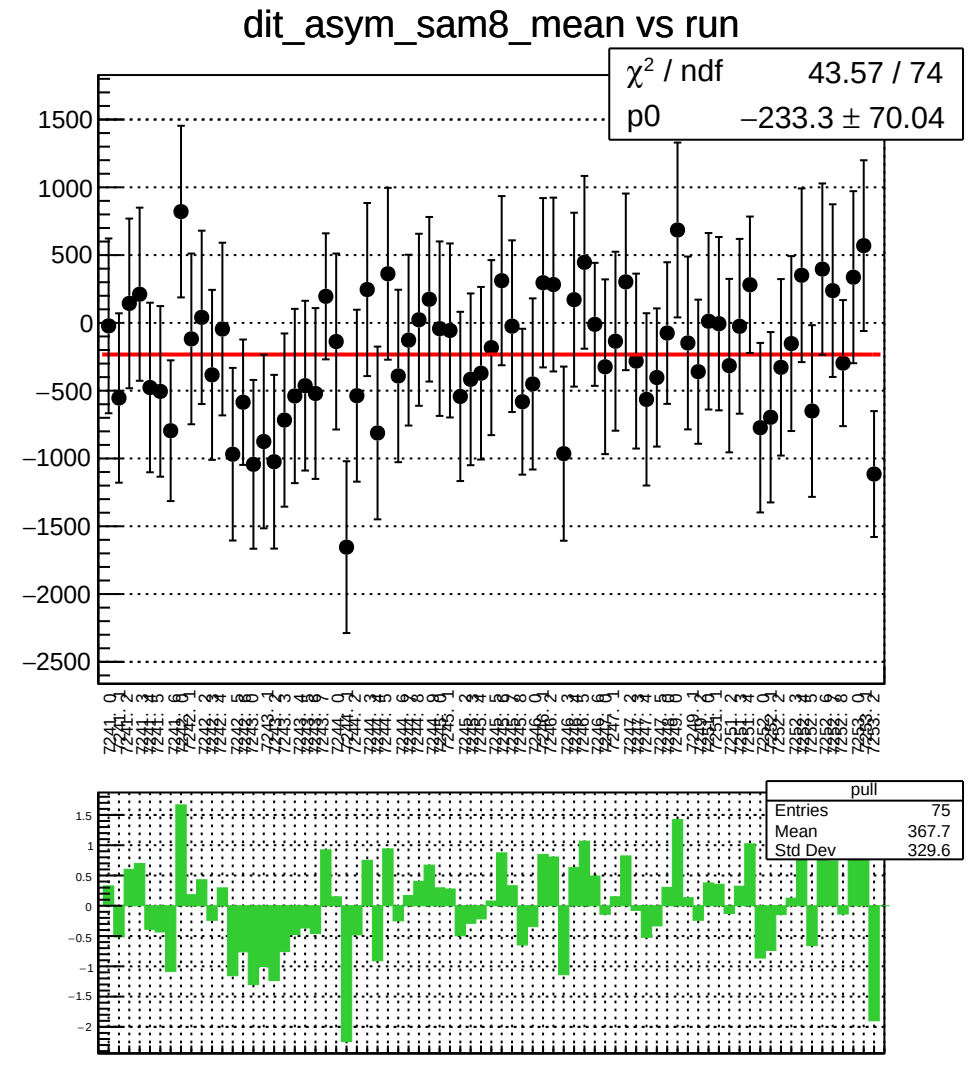

pull1D
Entries 75
Mean 0.01761
Std Dev 1.032
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

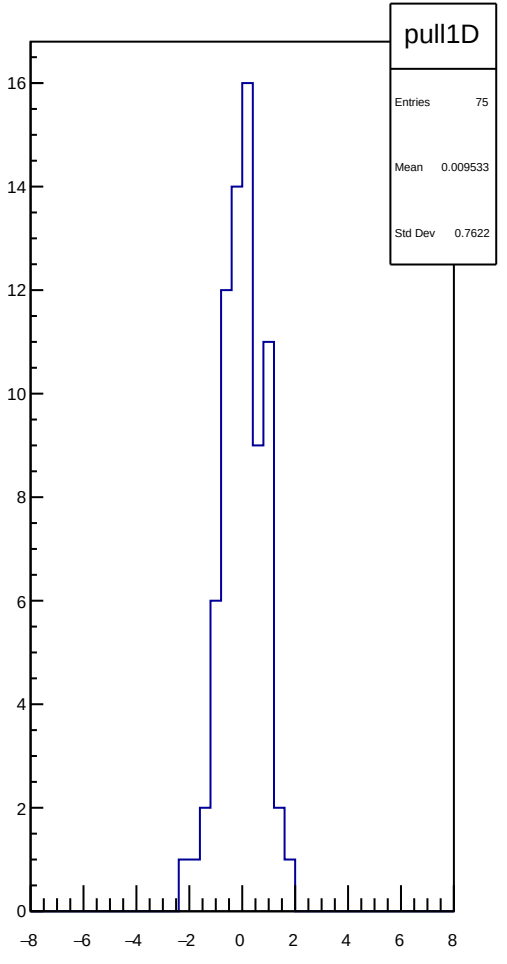

asym_sam7_correction_rms vs run
χ² / ndf 4983 / 74
p0 262.3 ± 0.2155
310
300
290
280
270
260
250
240
230

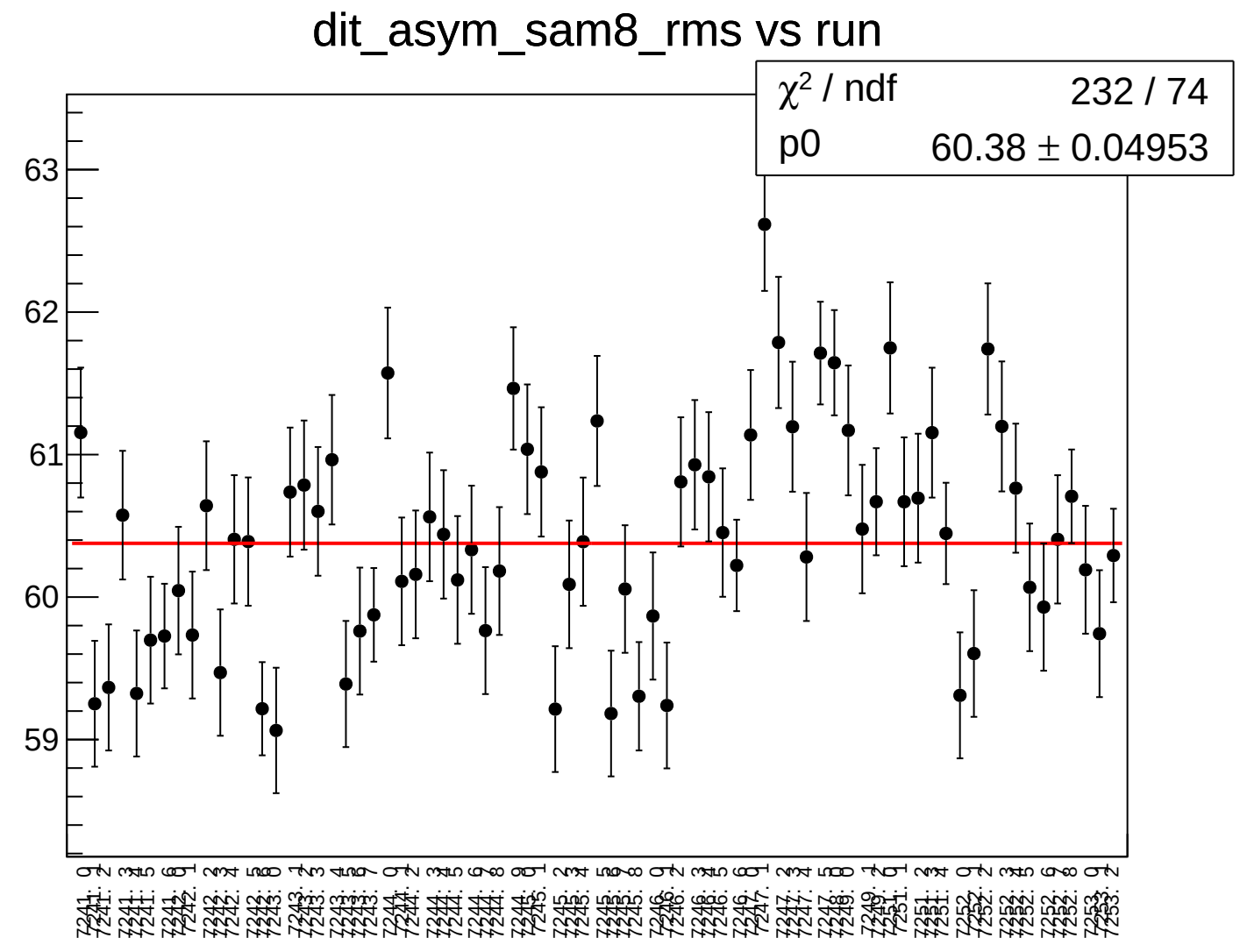

asym_sam7_mean vs run
χ^2 / ndf 77.35 / 74
p0 429.7 ± 313.9
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 112.7
Std Dev 90.64
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

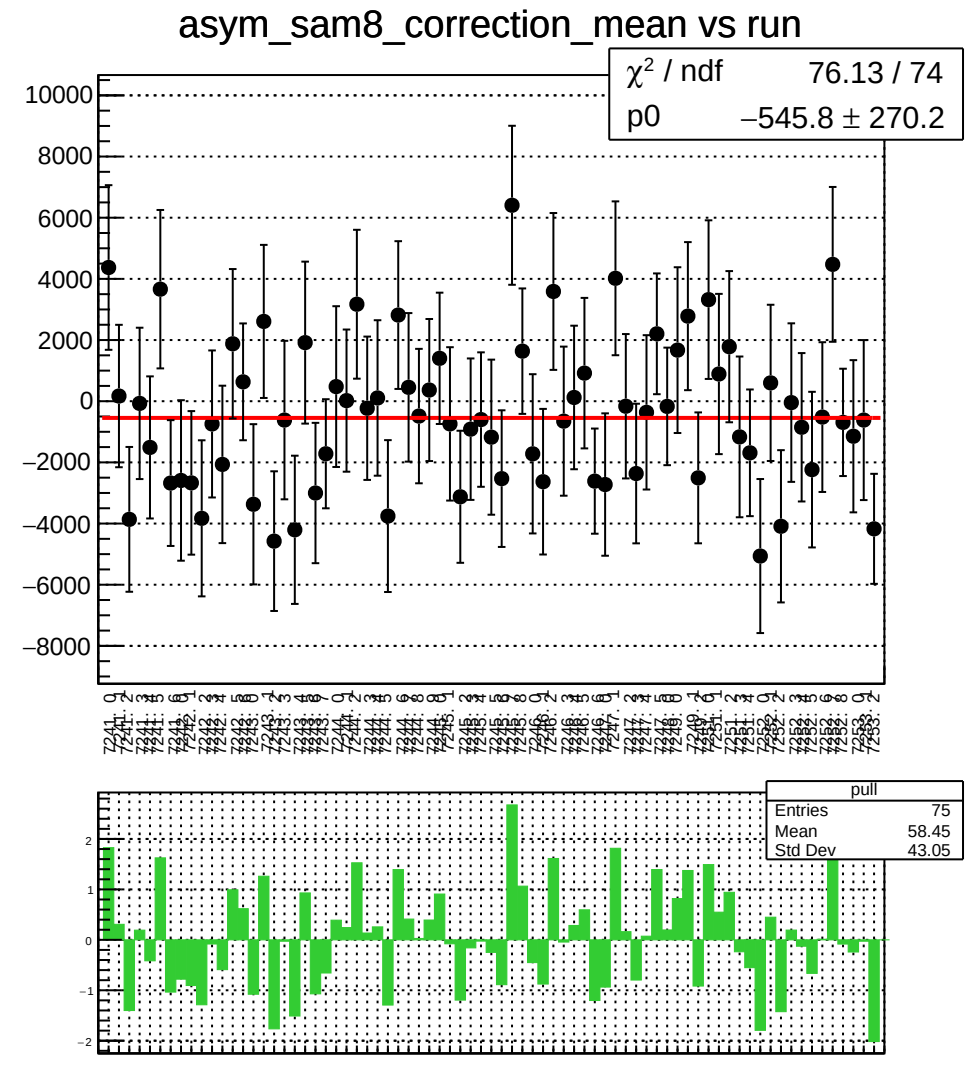

pull1D
Entries 75
Mean −0.0192
Std Dev 1.015
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

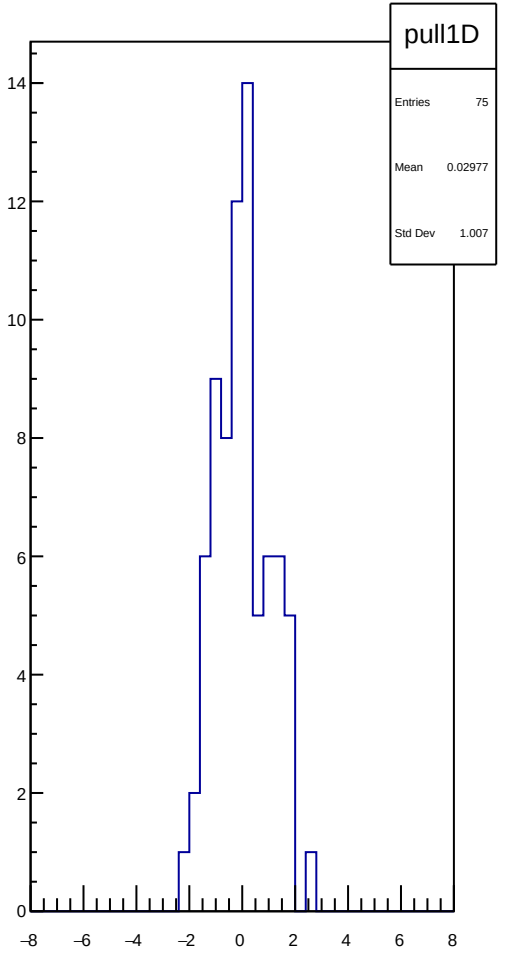

asym_sam7_rms vs run
χ² / ndf 6761 / 74
p0 270 ± 0.2219
320
300
280
260
240

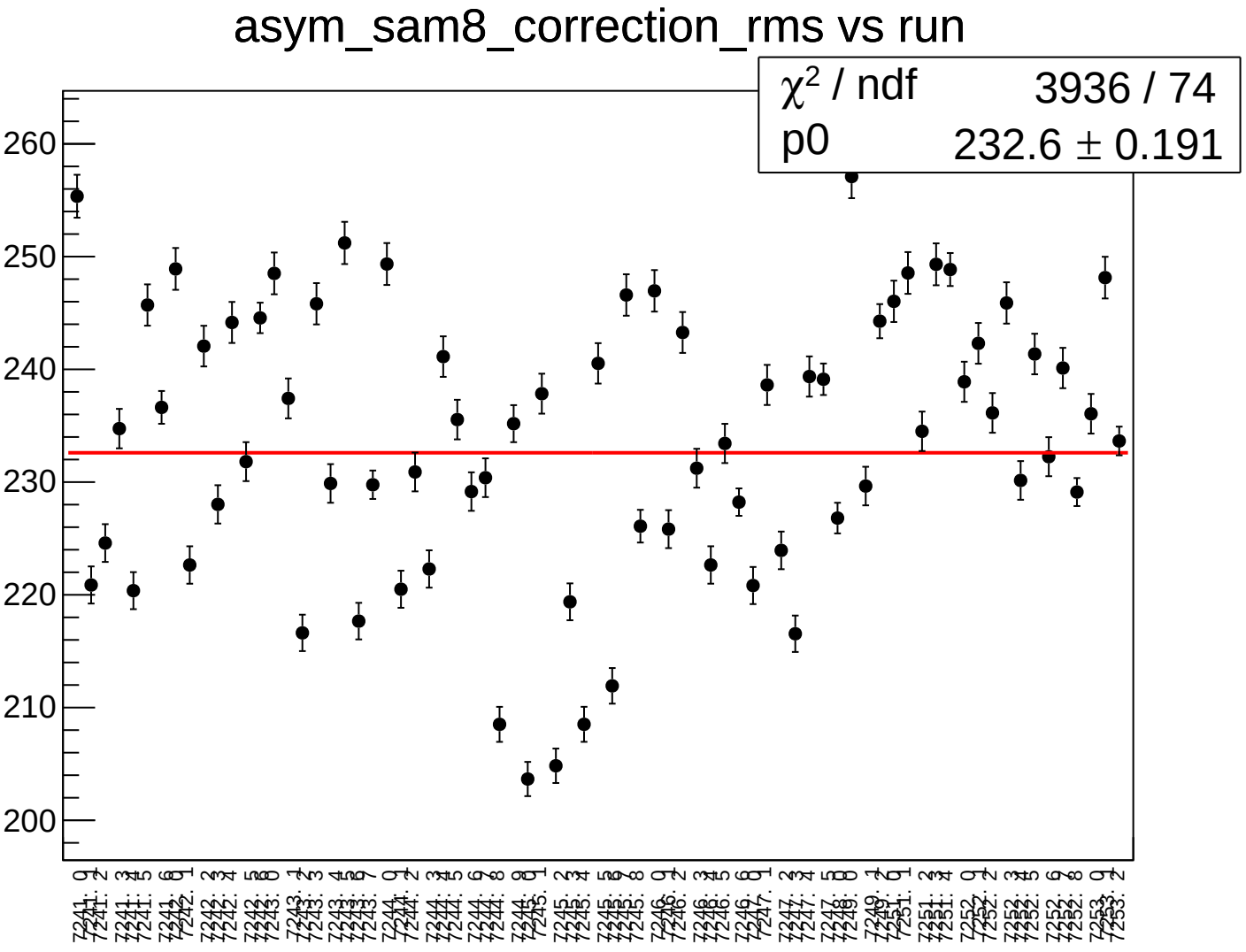

dit_asym_sam8_mean vs run
χ² / ndf 43.57 / 74
p0 −233.3 ± 70.04
pull
Entries 75
Mean 367.7
Std Dev 329.6

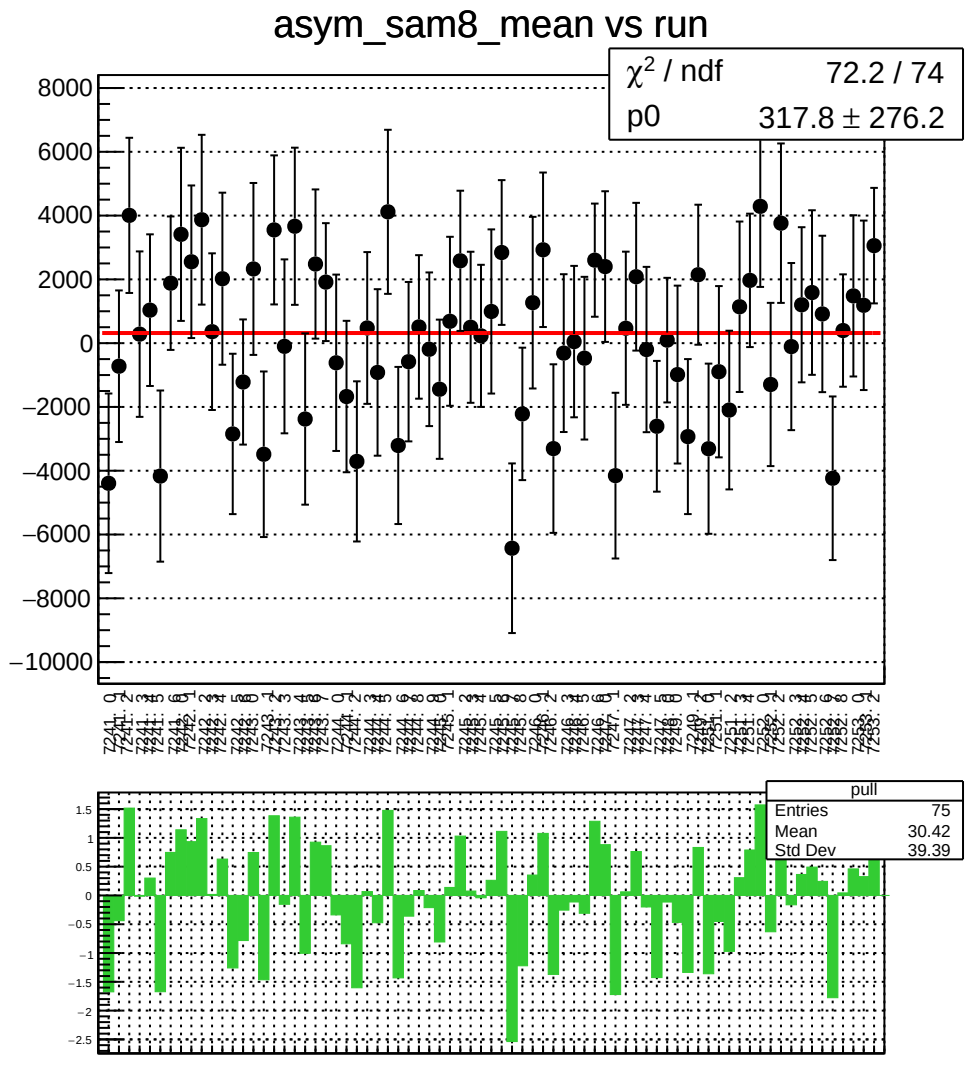

pull1D
Entries 75
Mean 0.009533
Std Dev 0.7622

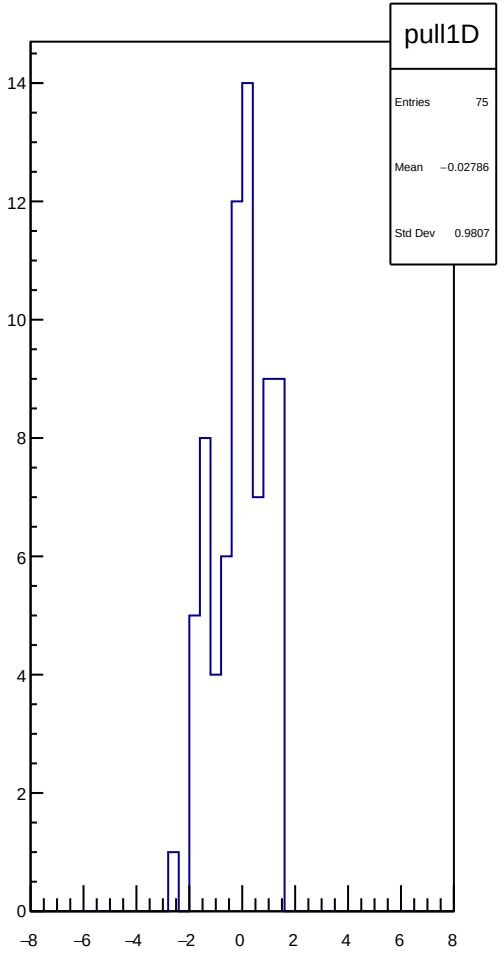

dit_asym_sam8_rms vs run
χ² / ndf 232 / 74
p0 60.38 ± 0.04953
63
62
61
60
59

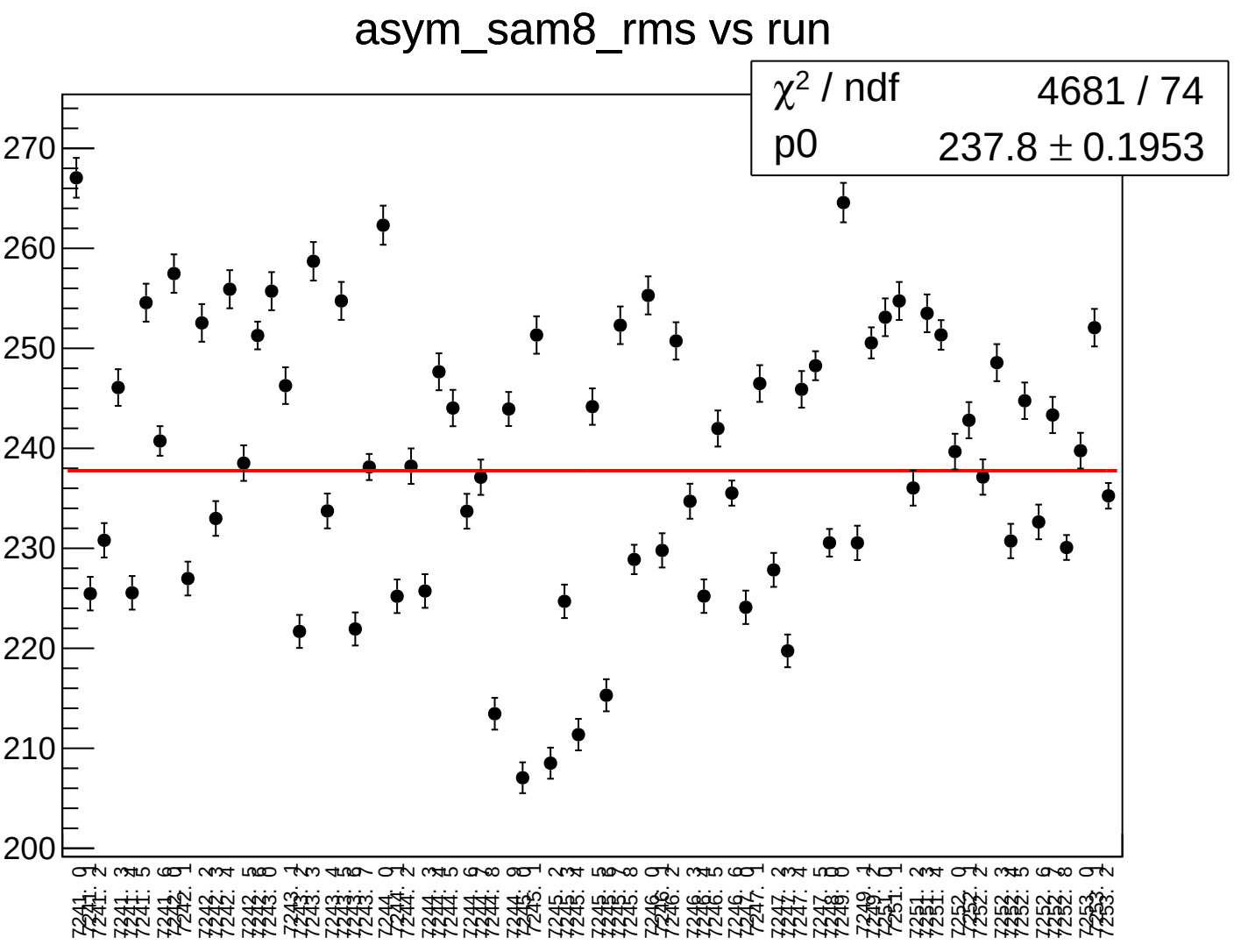

asym_sam8_correction_mean vs run
χ² / ndf 76.13 / 74
p0 −545.8 ± 270.2
pull
Entries 75
Mean 58.45
Std Dev 43.05

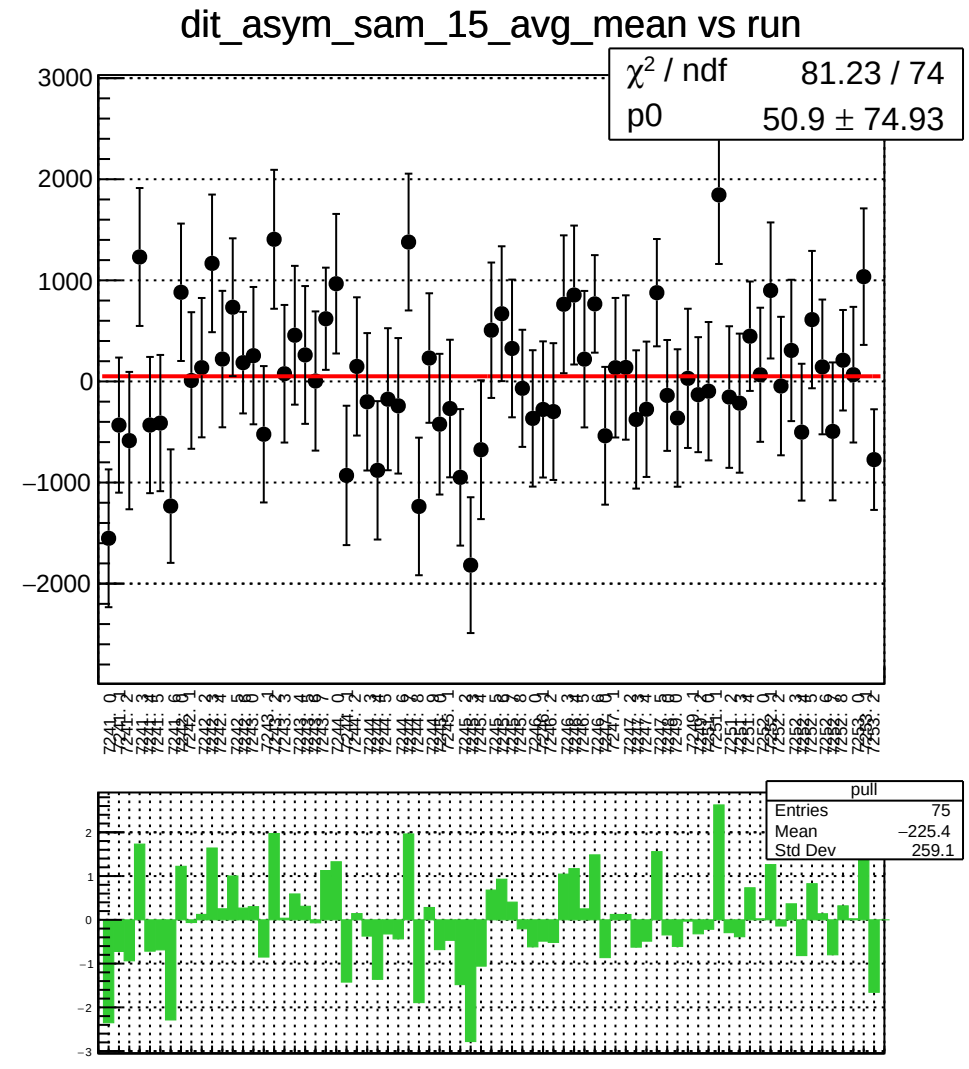

pull1D
Entries 75
Mean 0.02977
Std Dev 1.007

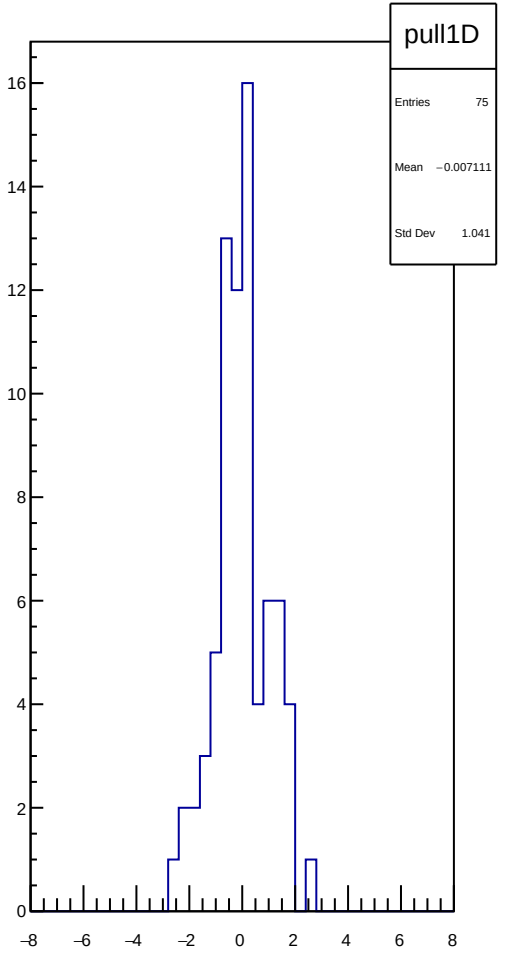

asym_sam8_correction_rms vs run
χ² / ndf 3936 / 74
p0 232.6 ± 0.191
260
250
240
230
220
210
200

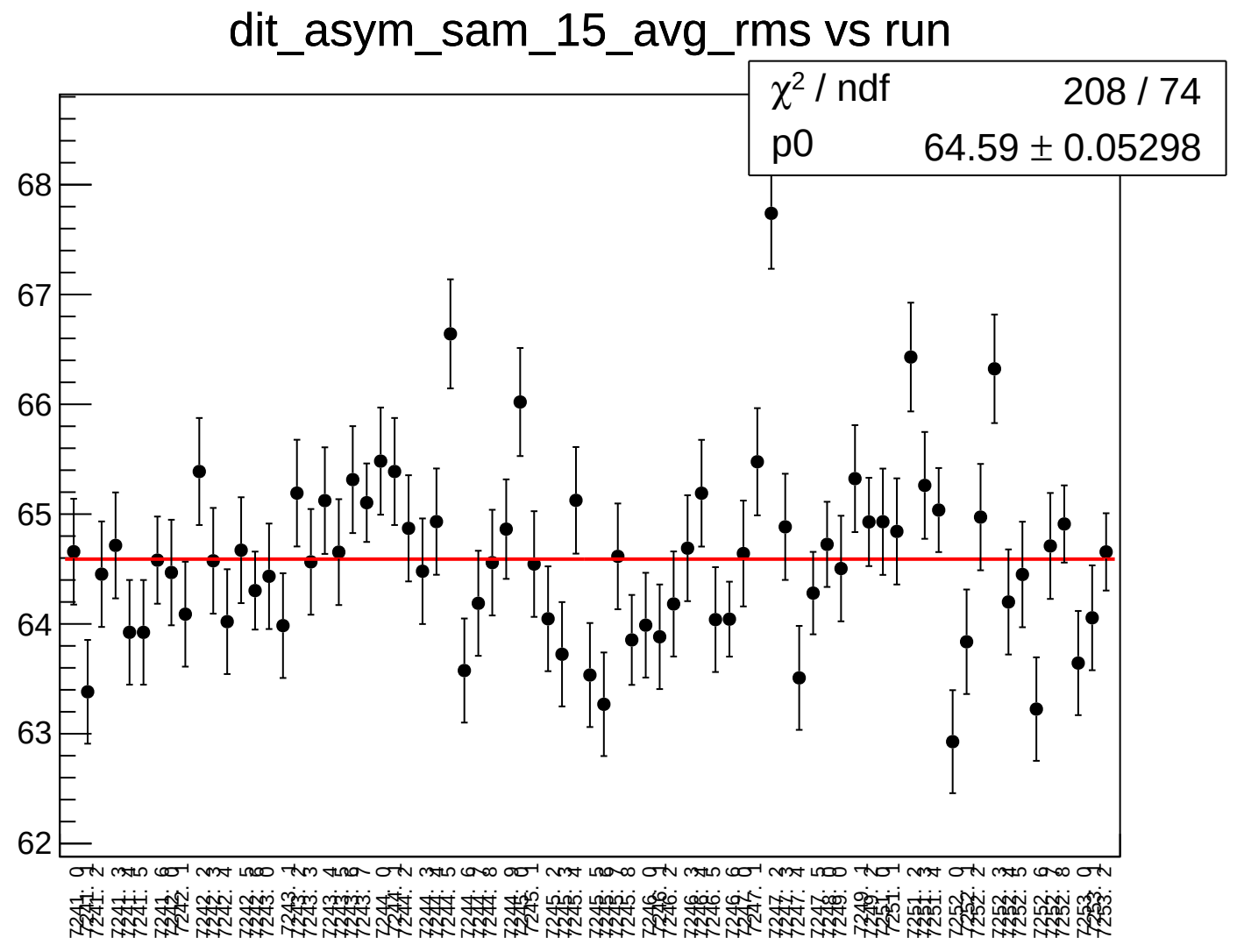

asym_sam8_mean vs run
χ^2 / ndf 72.2 / 74
p0 317.8 ± 276.2
pull
Entries 75
Mean 30.42
Std Dev 39.39

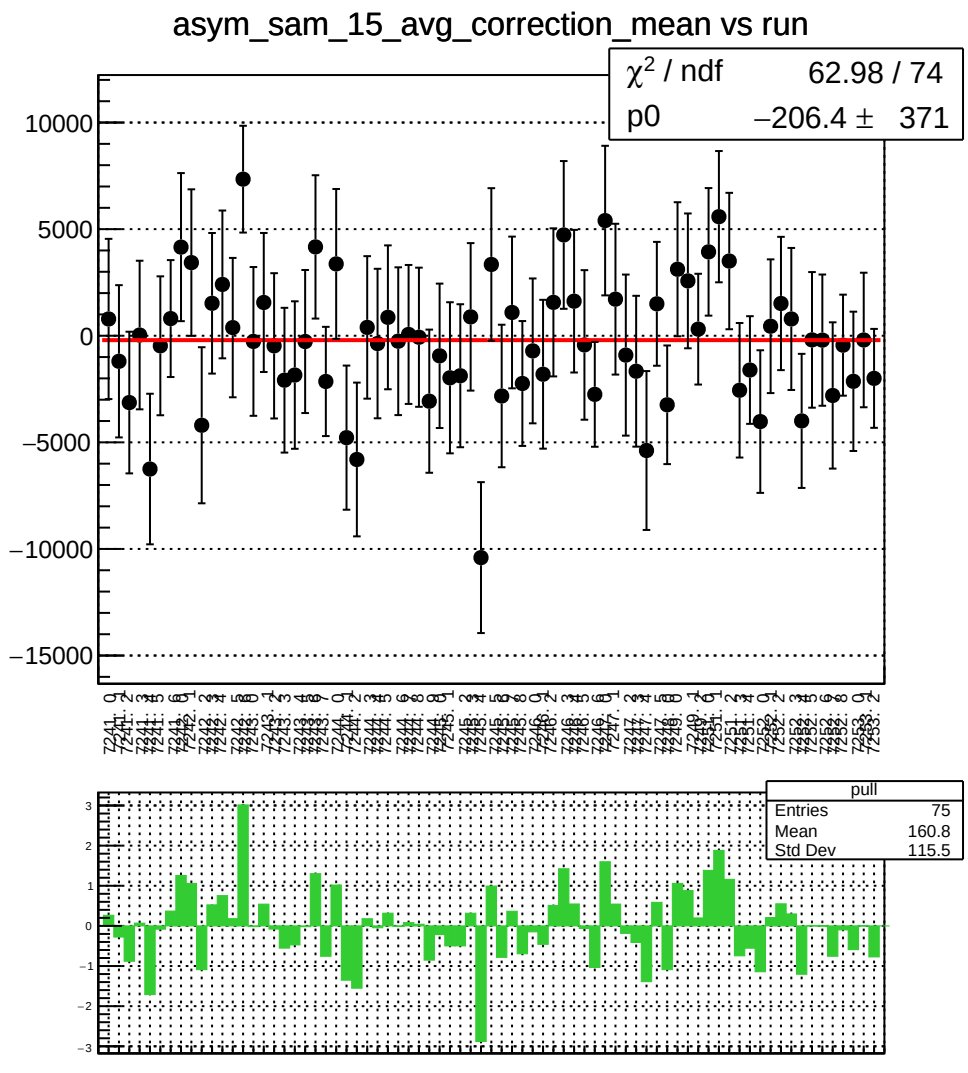

pull1D
Entries 75
Mean −0.02786
Std Dev 0.9807

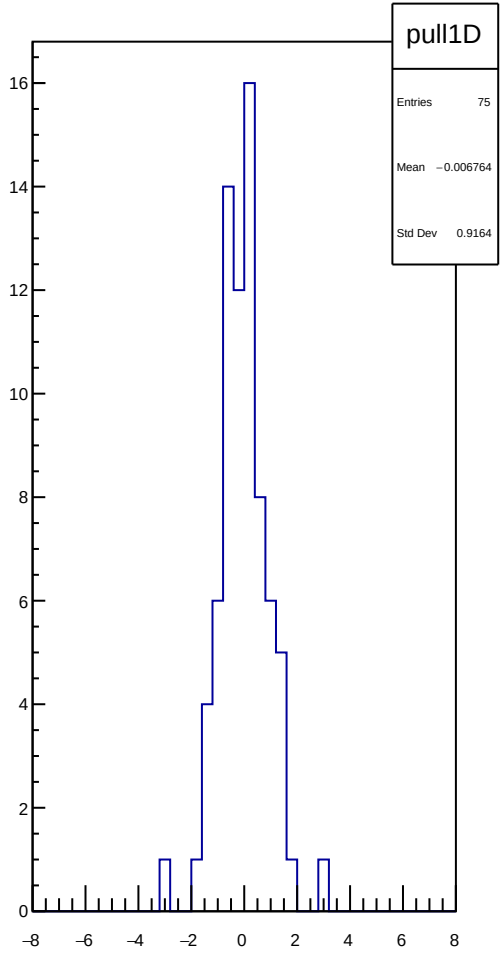

asym_sam8_rms vs run
χ² / ndf 4681 / 74
p0 237.8 ± 0.1953
270
260
250
240
230
220
210
200

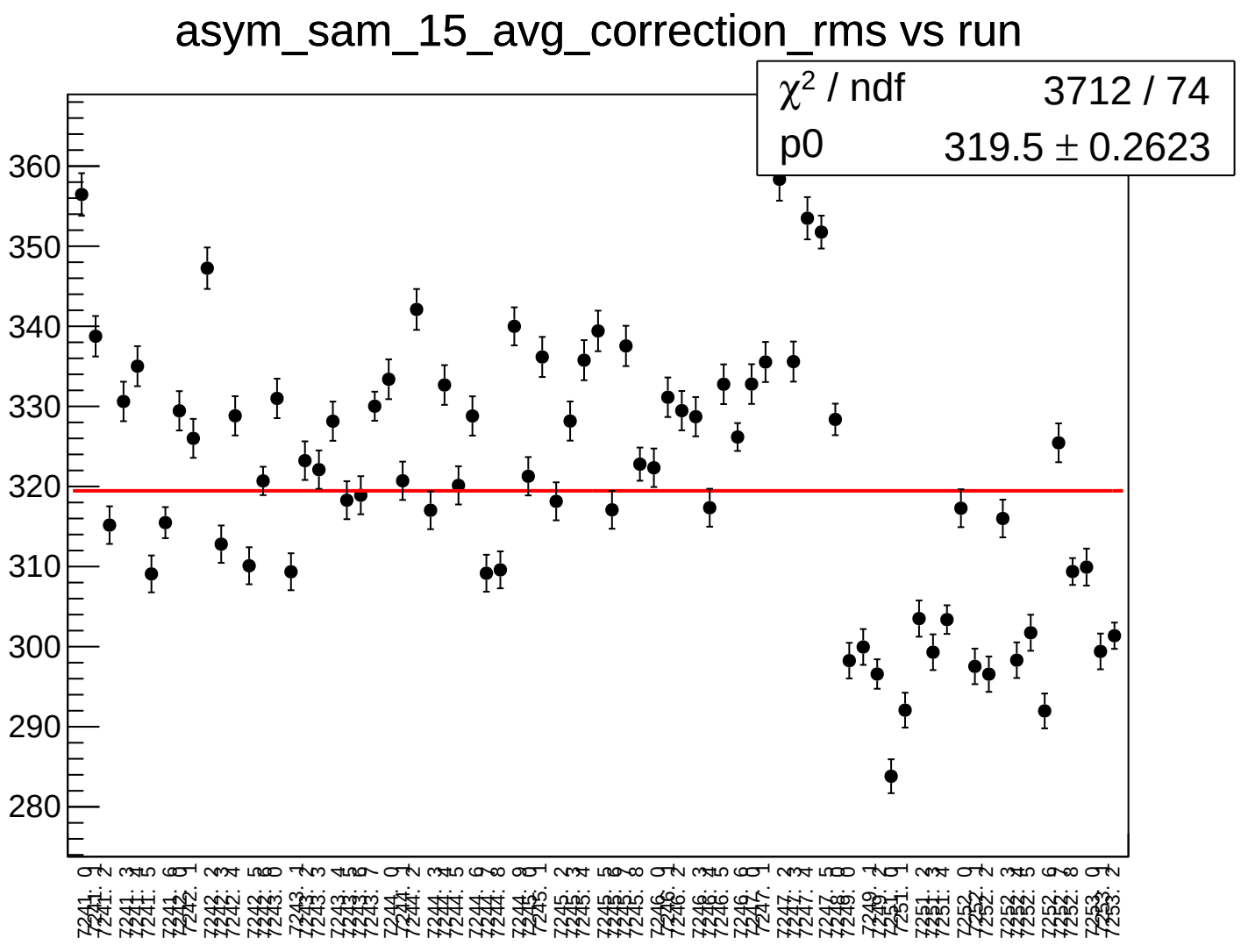

dit_asym_sam_15_avg_mean vs run
χ² / ndf 81.23 / 74
p0 50.9 ± 74.93
pull
Entries 75
Mean −225.4
Std Dev 259.1

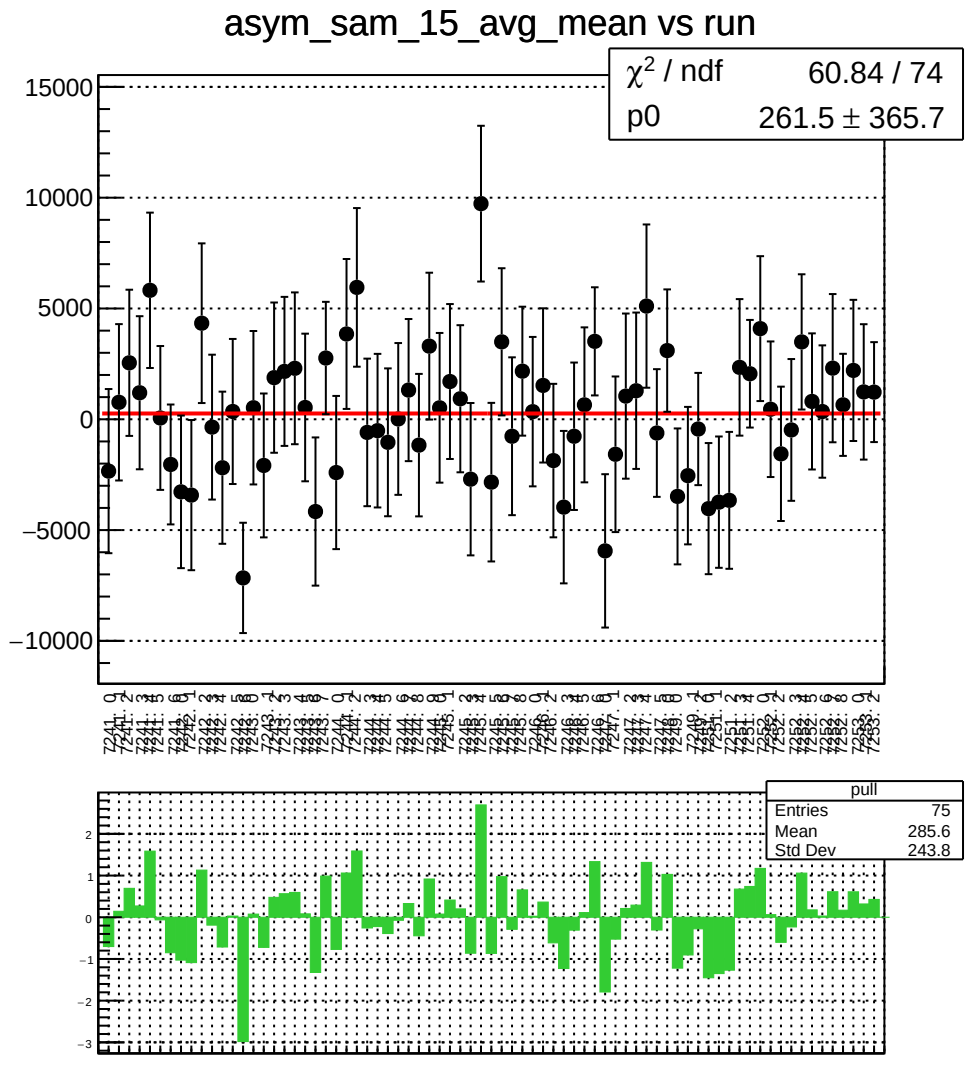

pull1D
Entries 75
Mean −0.007111
Std Dev 1.041

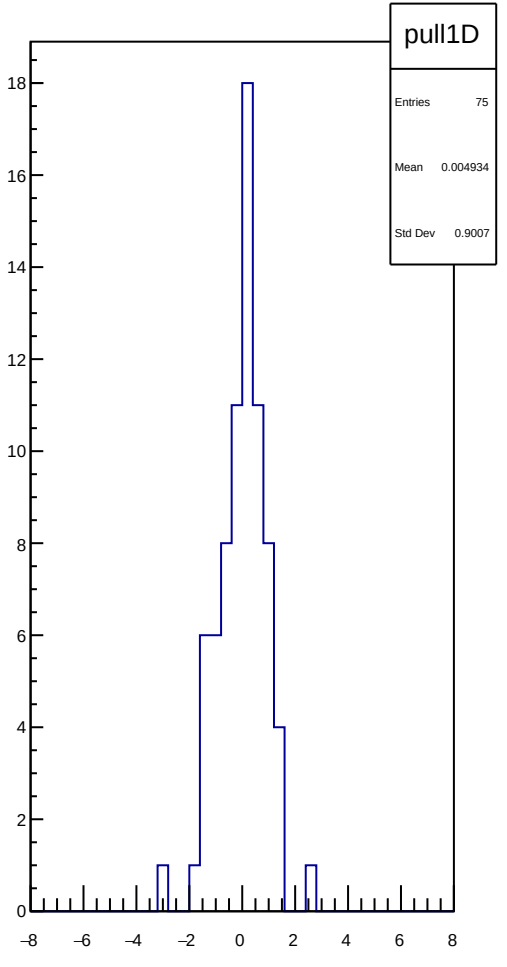

dit_asym_sam_15_avg_rms vs run
χ² / ndf 208 / 74
p0 64.59 ± 0.05298
68
67
66
65
64
63
62

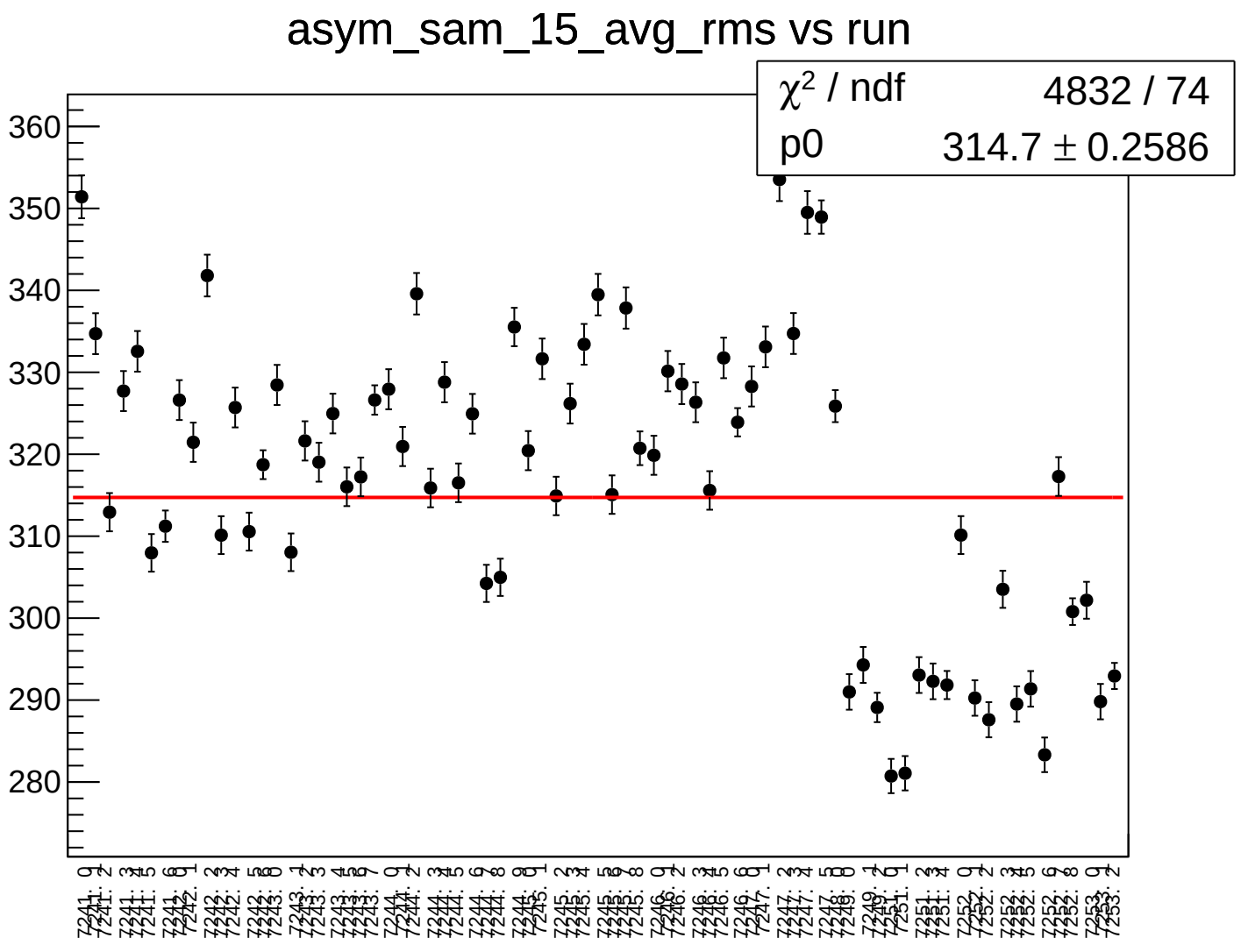

asym_sam_15_avg_correction_mean vs run
χ² / ndf 62.98 / 74
p0 −206.4 ± 371
pull
Entries 75
Mean 160.8
Std Dev 115.5

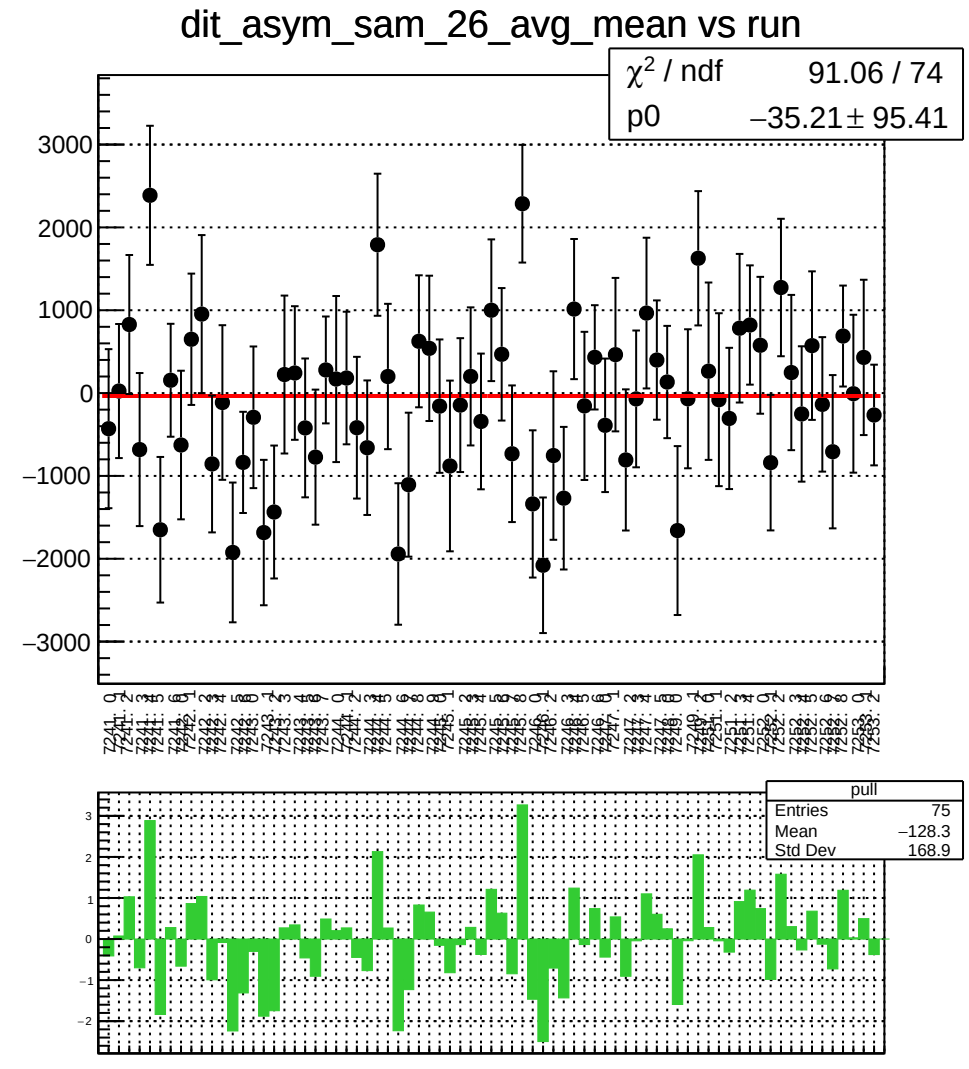

pull1D
Entries 75
Mean −0.006764
Std Dev 0.9164

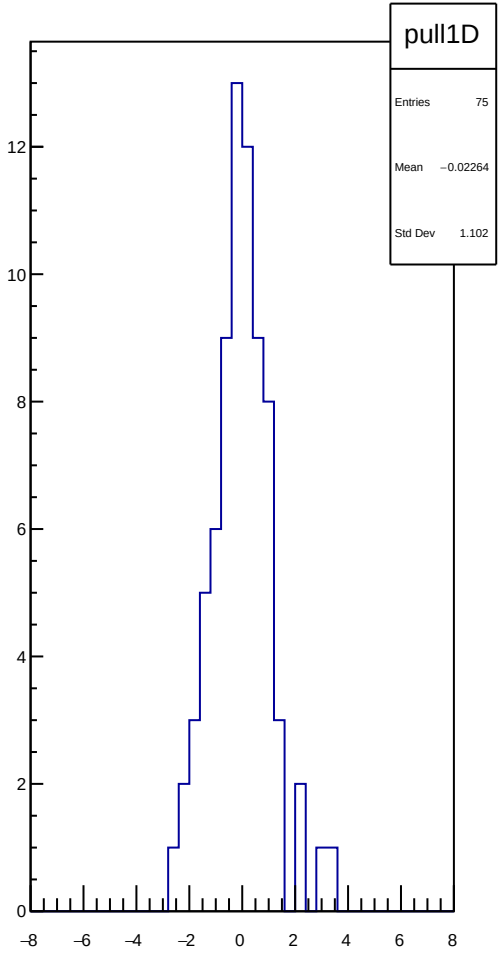

asym_sam_15_avg_correction_rms vs run
χ² / ndf 3712 / 74
p0 319.5 ± 0.2623
360
350
340
330
320
310
300
290
280

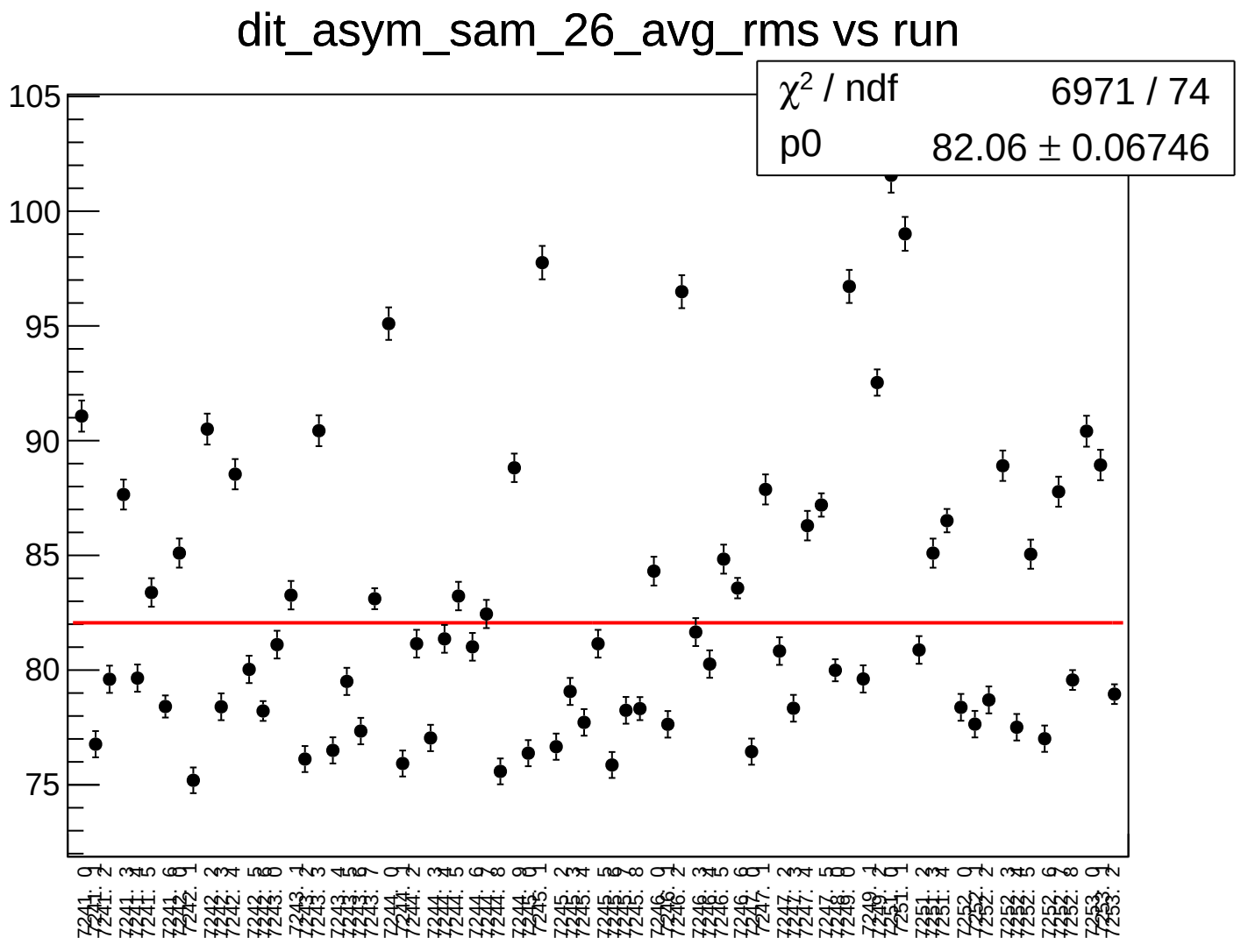

asym_sam_15_avg_mean vs run
χ² / ndf 60.84 / 74
p0 261.5 ± 365.7
15000
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 285.6
Std Dev 243.8
2
1
0
−1
−2
−3

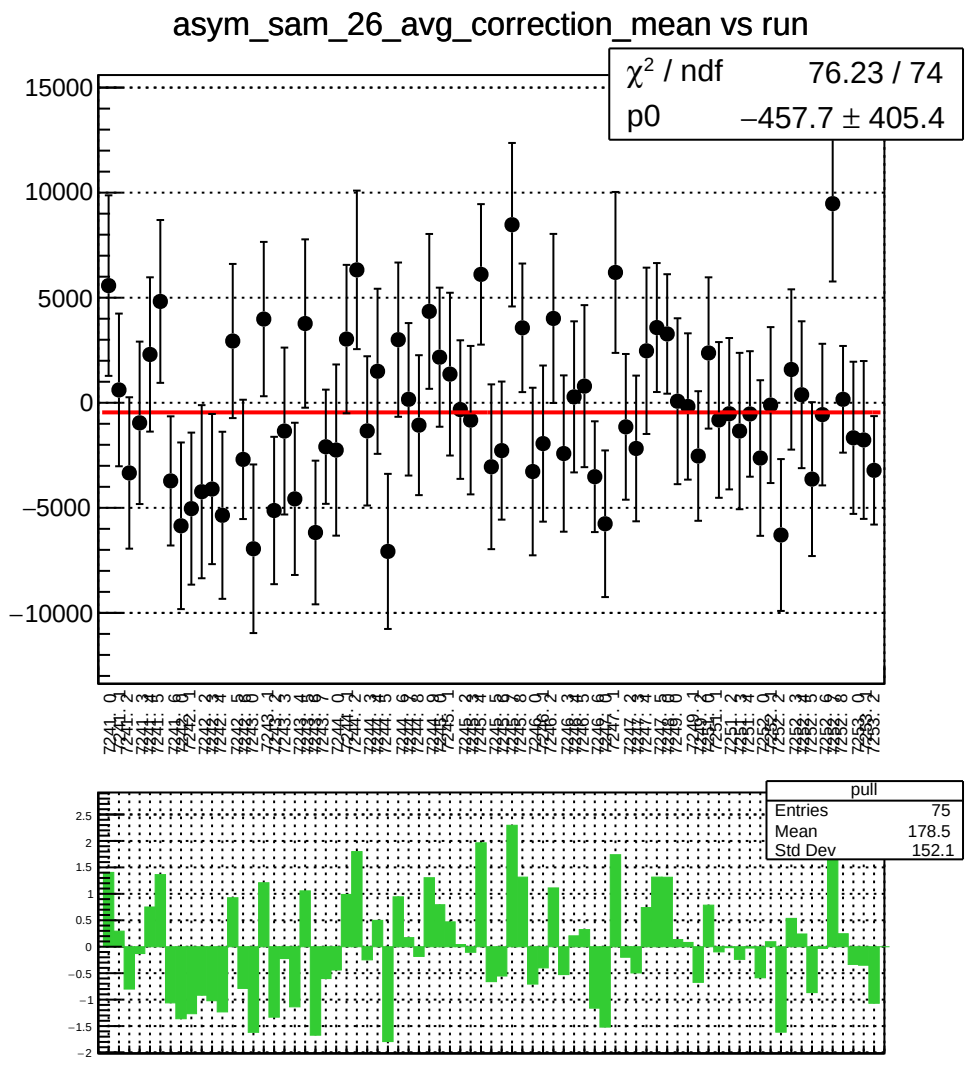

pull1D
Entries 75
Mean 0.004934
Std Dev 0.9007
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

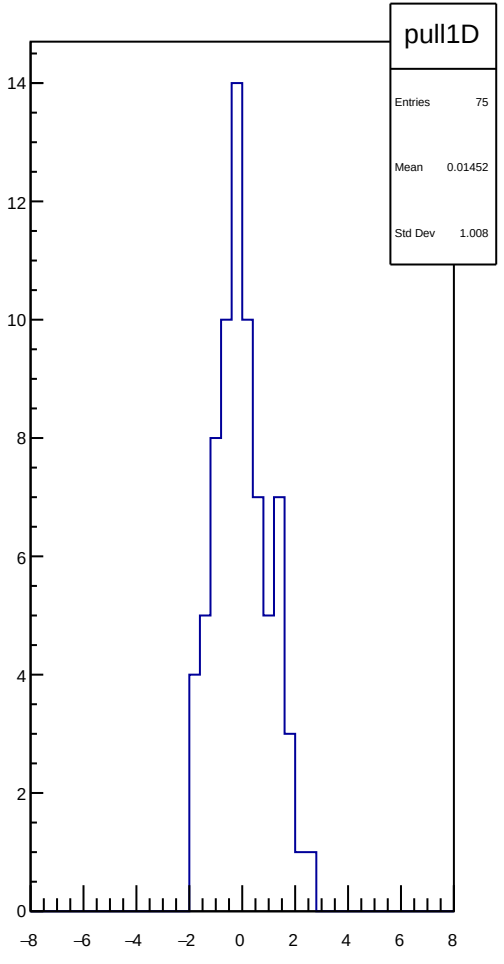

asym_sam_15_avg_rms vs run
χ^2 / ndf 4832 / 74
p0 314.7 ± 0.2586
360
350
340
330
320
310
300
290
280

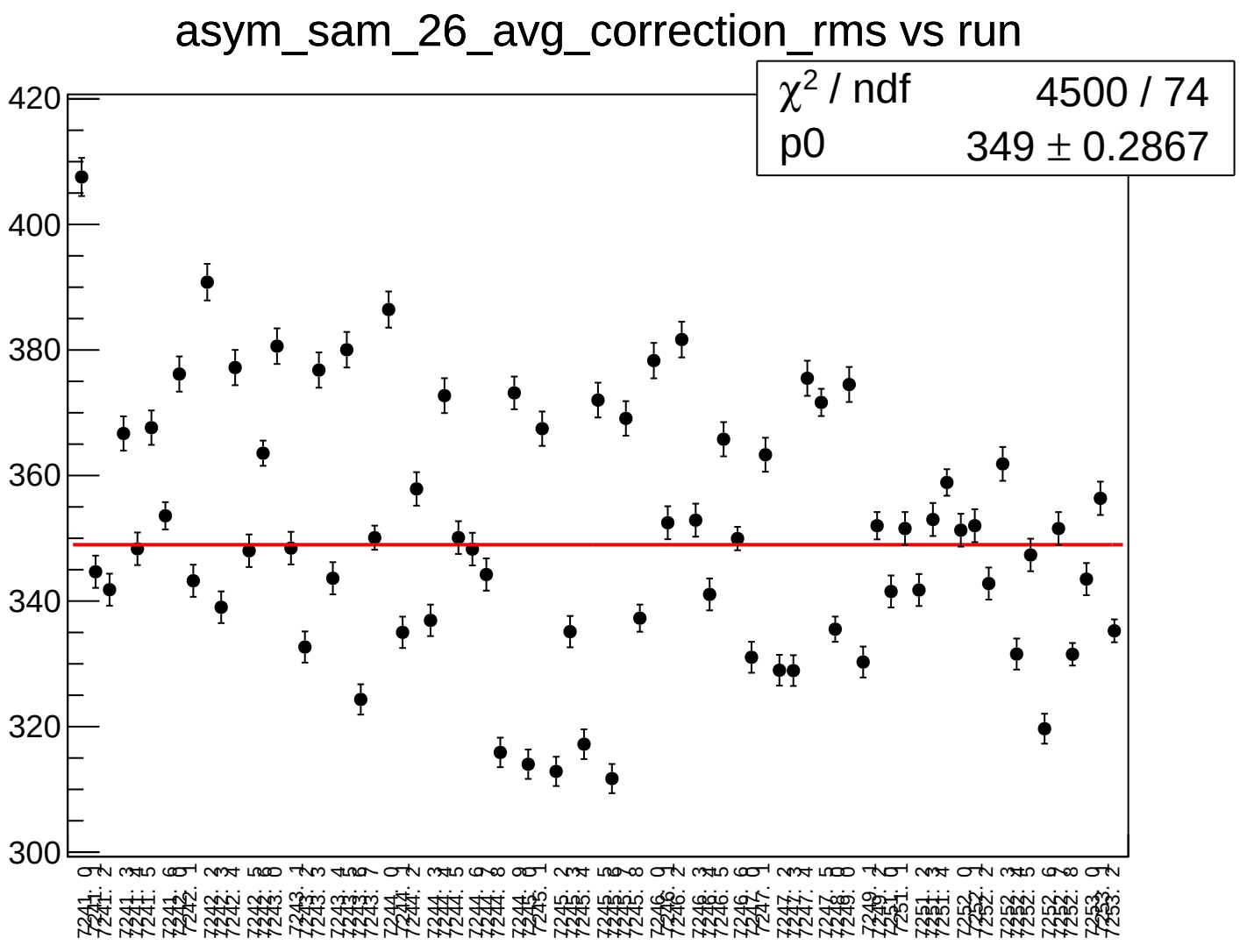

dit_asym_sam_26_avg_mean vs run
χ² / ndf 91.06 / 74
p0 −35.21 ± 95.41
pull
Entries 75
Mean −128.3
Std Dev 168.9

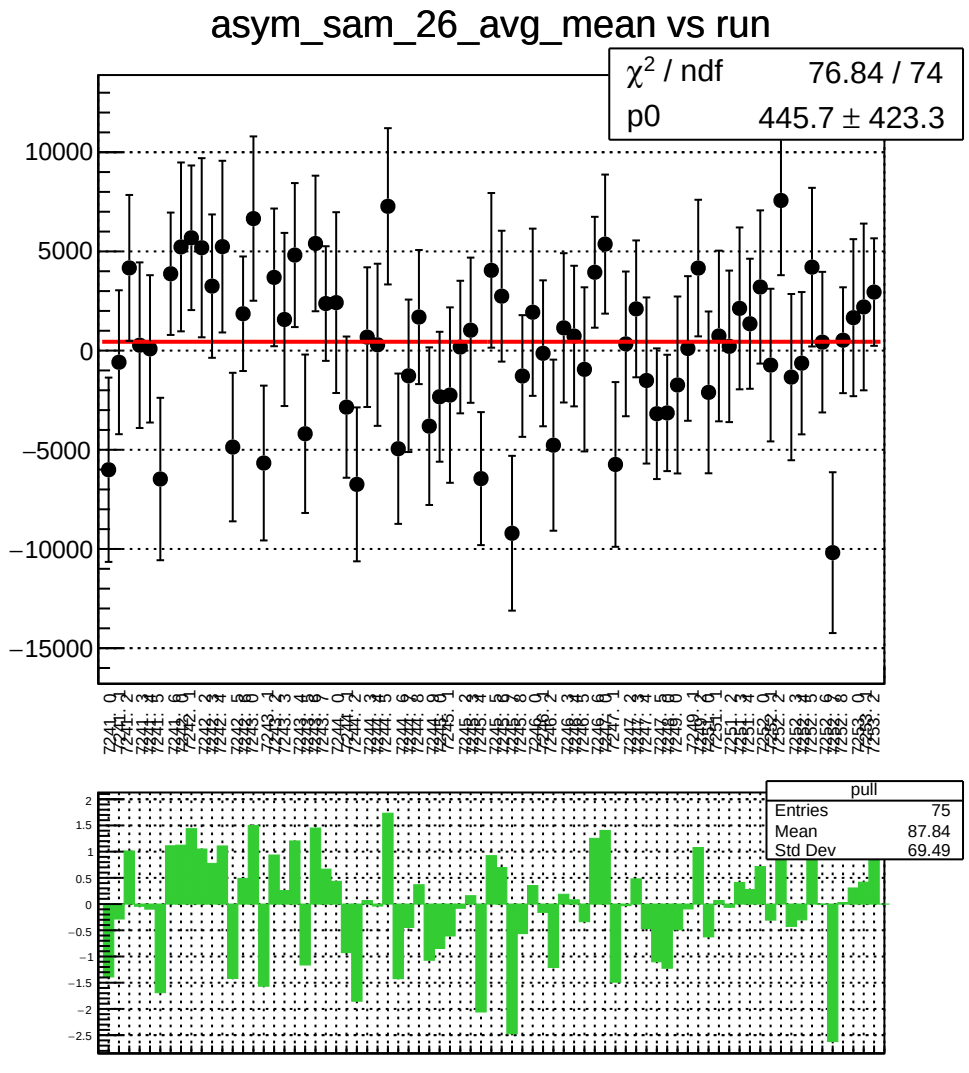

pull1D
Entries 75
Mean −0.02264
Std Dev 1.102

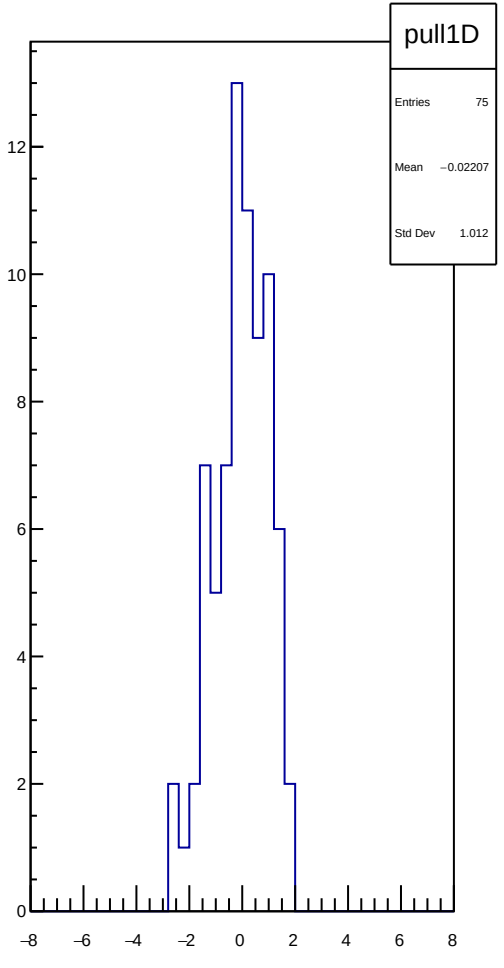

dit_asym_sam_26_avg_rms vs run
χ^2 / ndf 6971 / 74
p0 82.06 ± 0.06746
105
100
95
90
85
80
75

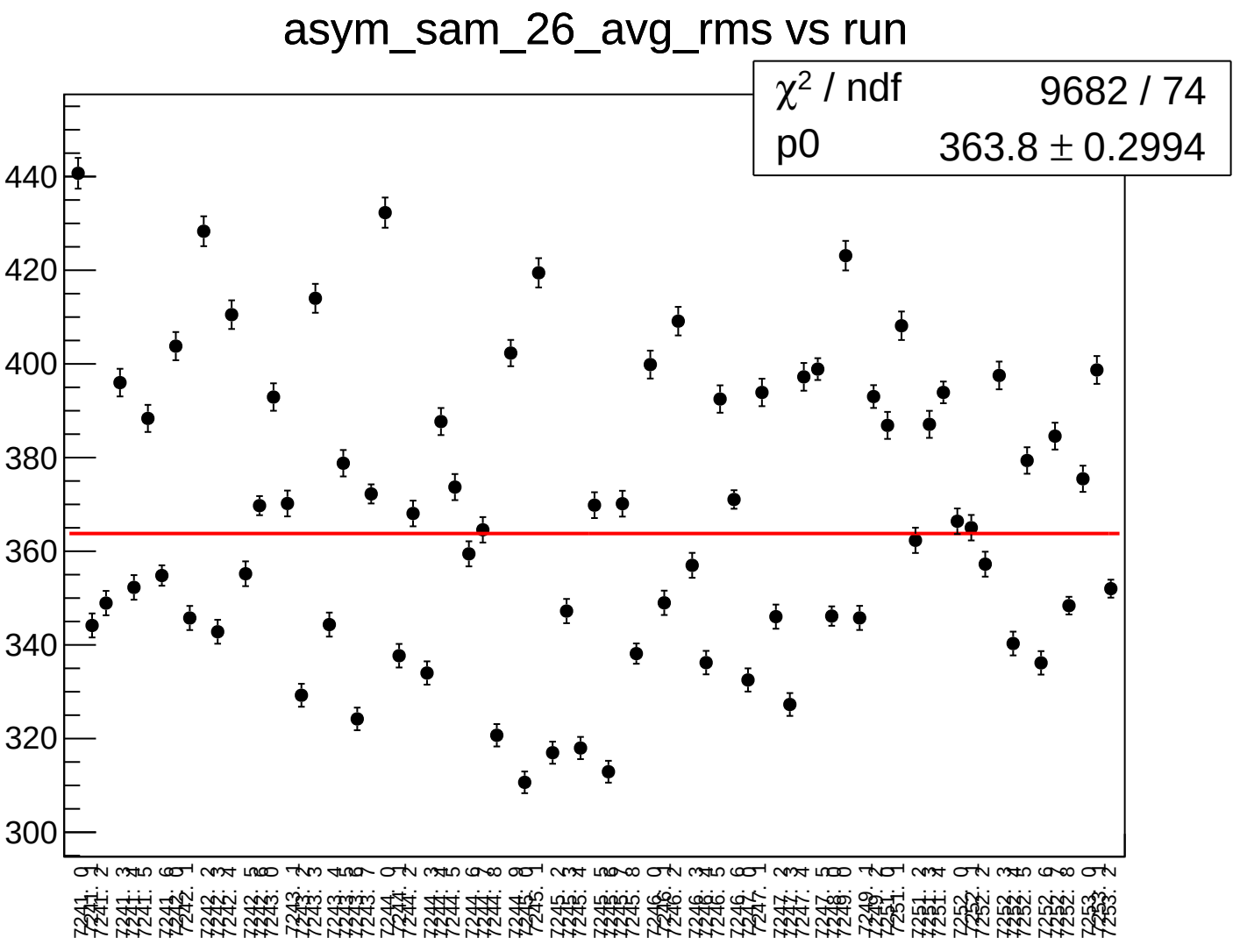

asym_sam_26_avg_correction_mean vs run
χ² / ndf 76.23 / 74
p0 −457.7 ± 405.4
pull
Entries 75
Mean 178.5
Std Dev 152.1

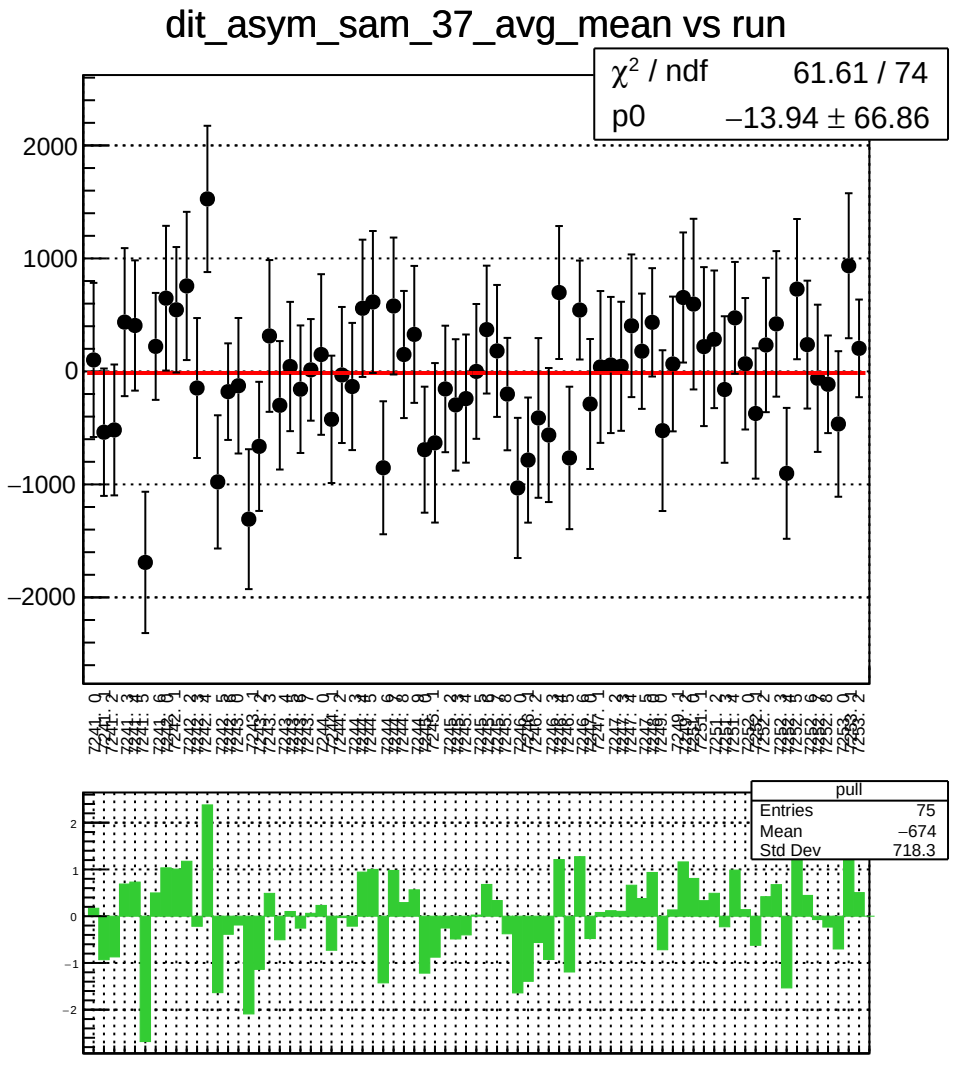

pull1D
Entries 75
Mean 0.01452
Std Dev 1.008

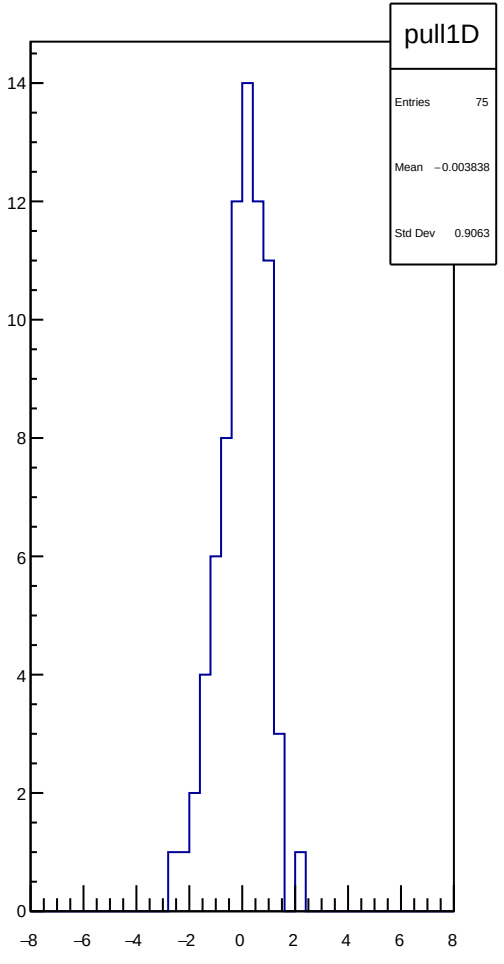

asym_sam_26_avg_correction_rms vs run
χ² / ndf 4500 / 74
p0 349 ± 0.2867
420
400
380
360
340
320
300

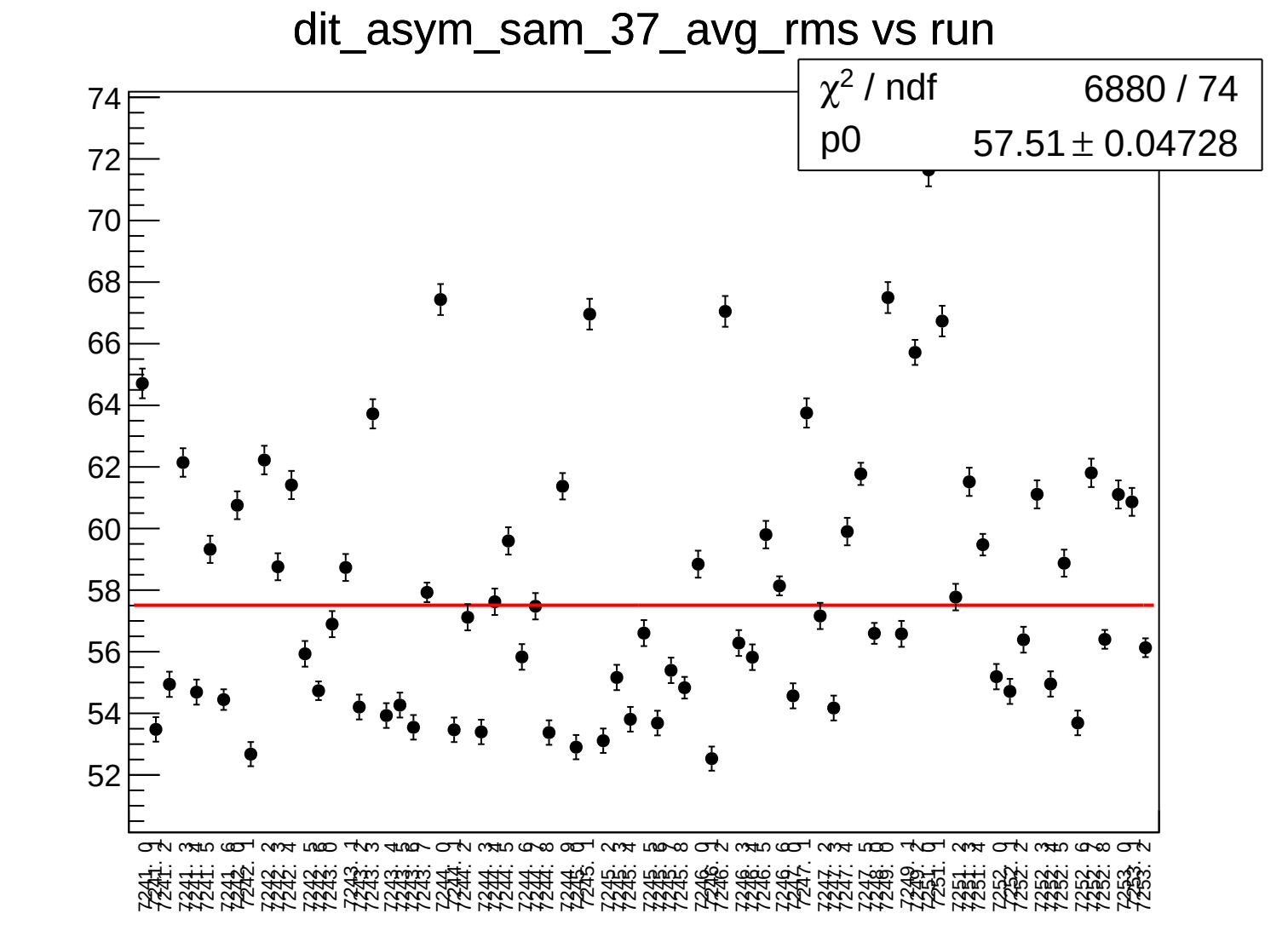

asym_sam_26_avg_mean vs run
χ² / ndf 76.84 / 74
p0 445.7 ± 423.3
pull
Entries 75
Mean 87.84
Std Dev 69.49

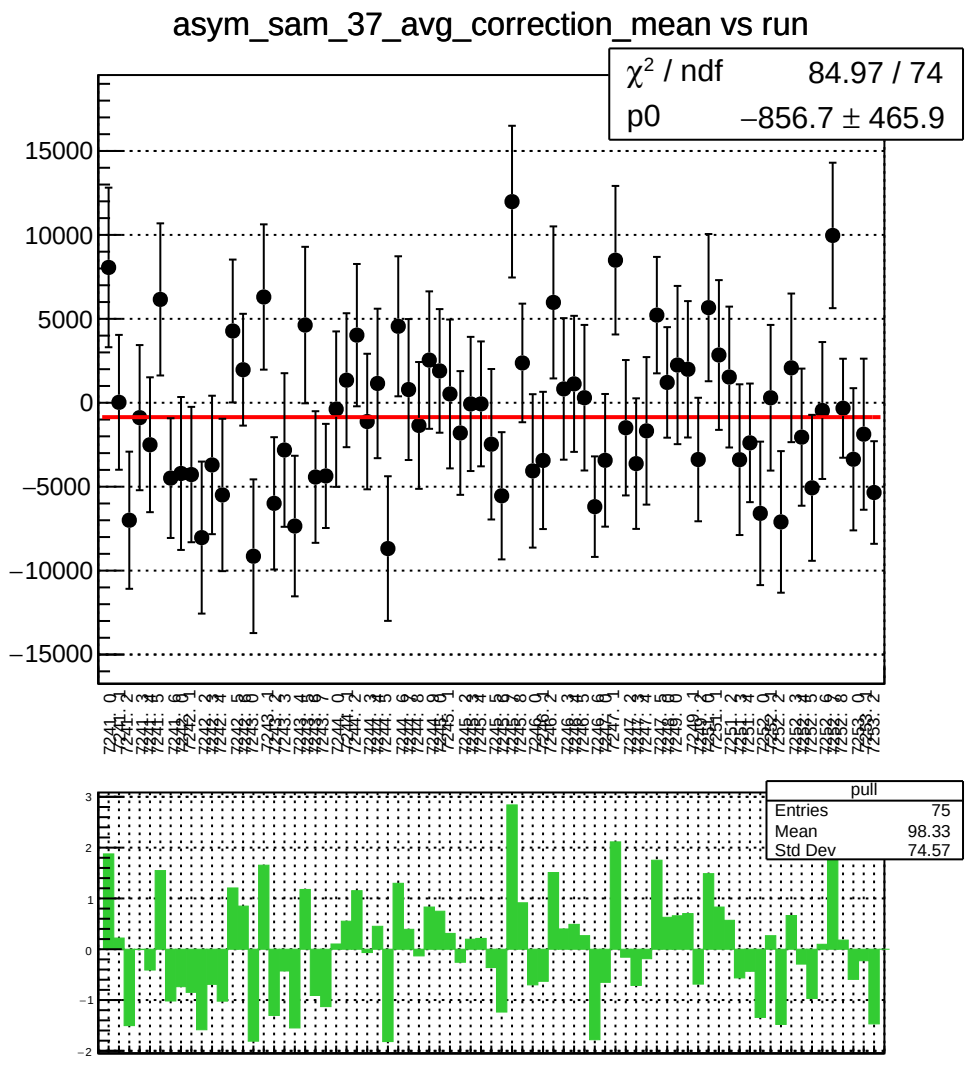

pull1D
Entries 75
Mean −0.02207
Std Dev 1.012

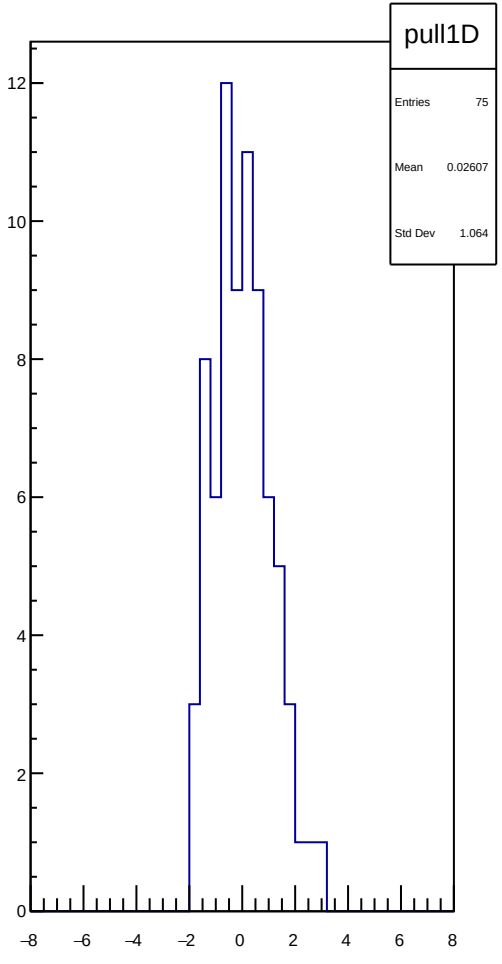

asym_sam_26_avg_rms vs run
χ^2 / ndf 9682 / 74
p0 363.8 ± 0.2994
440
420
400
380
360
340
320
300

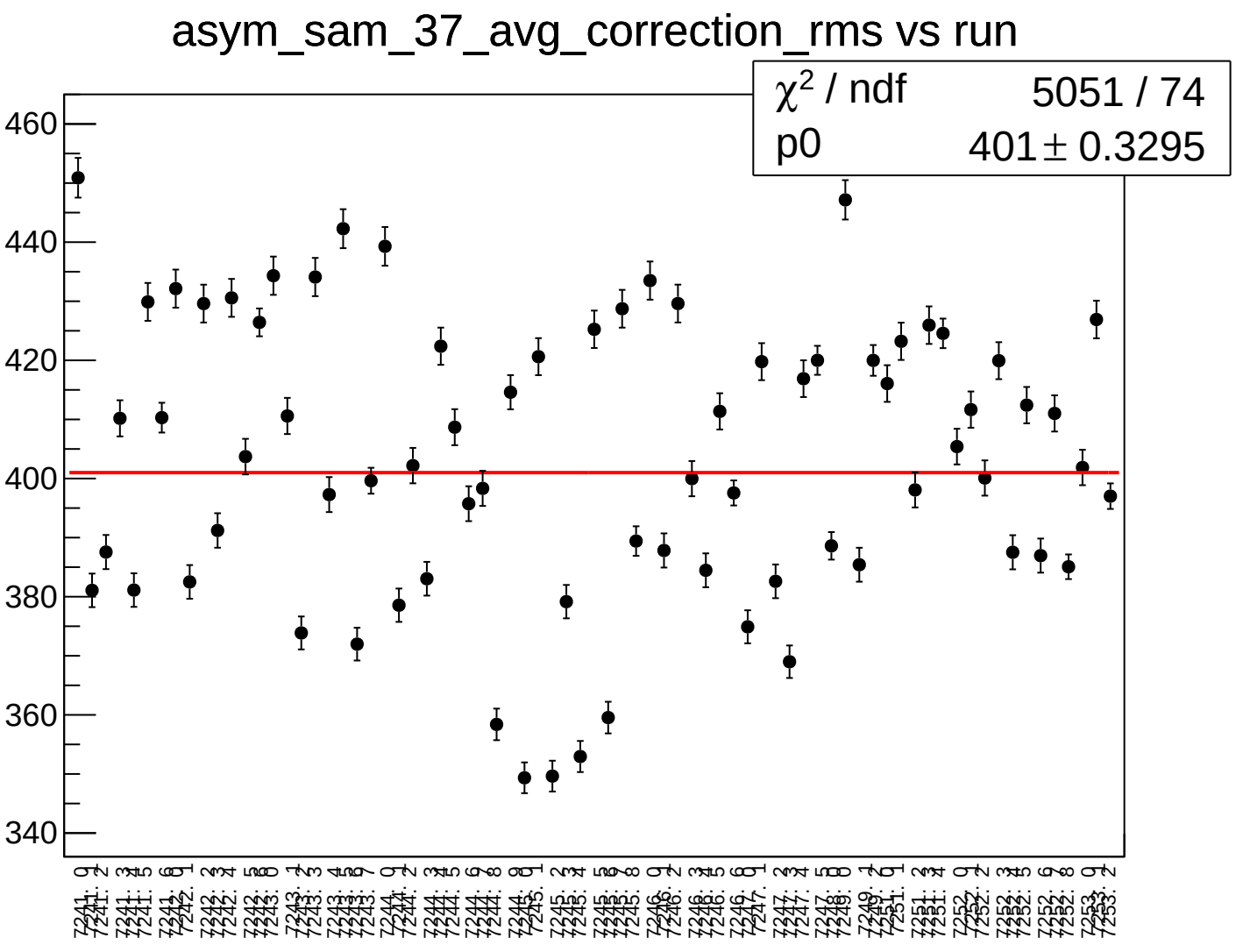

dit_asym_sam_37_avg_mean vs run
χ² / ndf 61.61 / 74
p0 −13.94 ± 66.86
pull
Entries 75
Mean −674
Std Dev 718.3

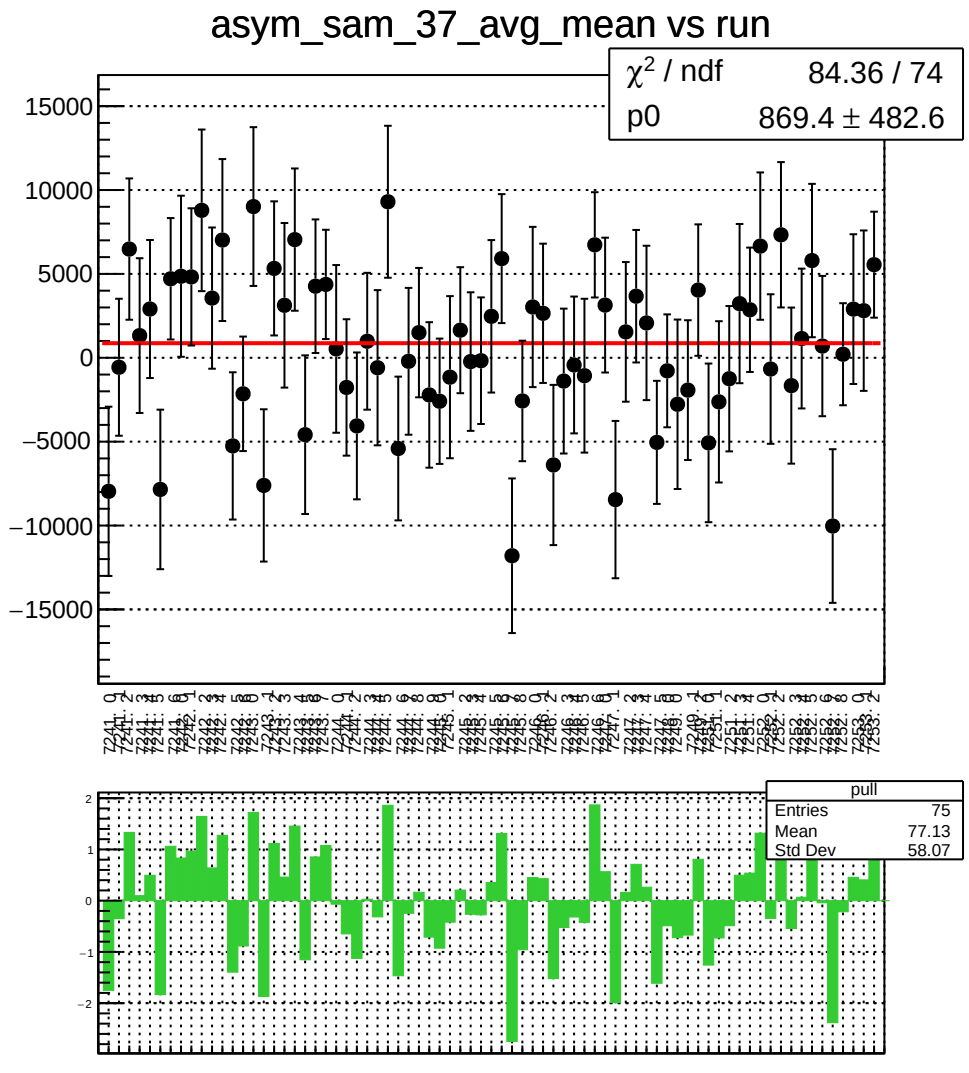

pull1D
Entries 75
Mean −0.003838
Std Dev 0.9063

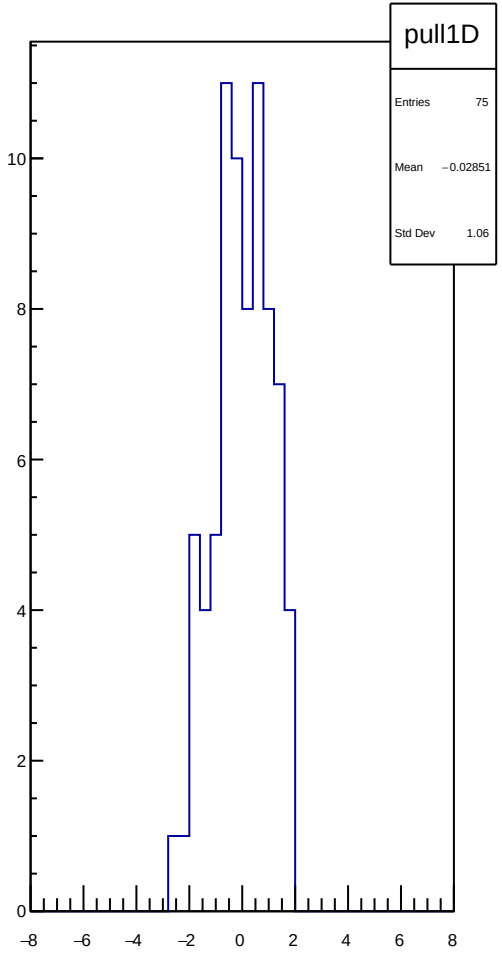

dit_asym_sam_37_avg_rms vs run
χ^2 / ndf 6880 / 74
p0 57.51 ± 0.04728
74
72
70
68
66
64
62
60
58
56
54
52

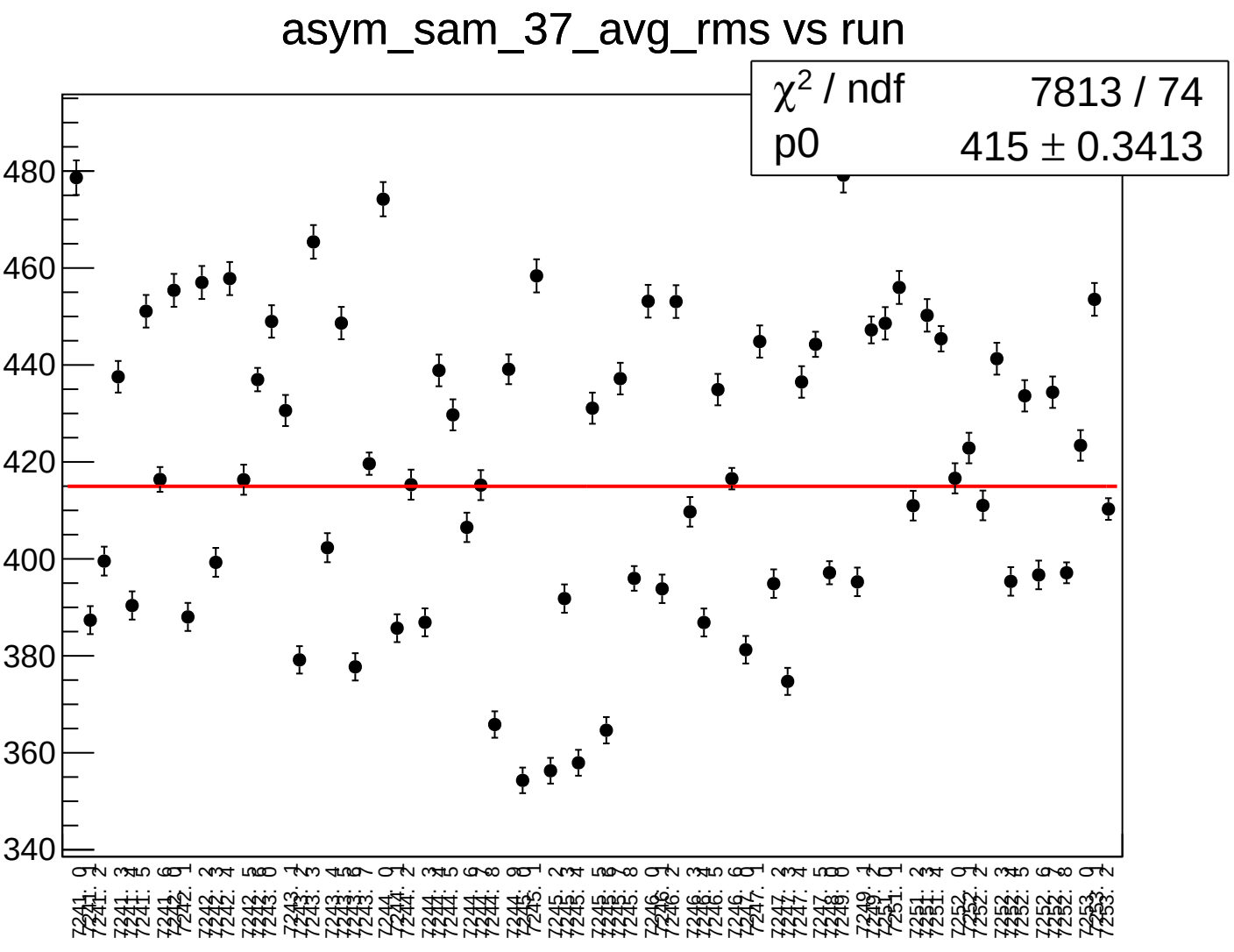

asym_sam_37_avg_correction_mean vs run
χ² / ndf 84.97 / 74
p0 −856.7 ± 465.9
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 75
Mean 98.33
Std Dev 74.57
3
2
1
0
−1
−2

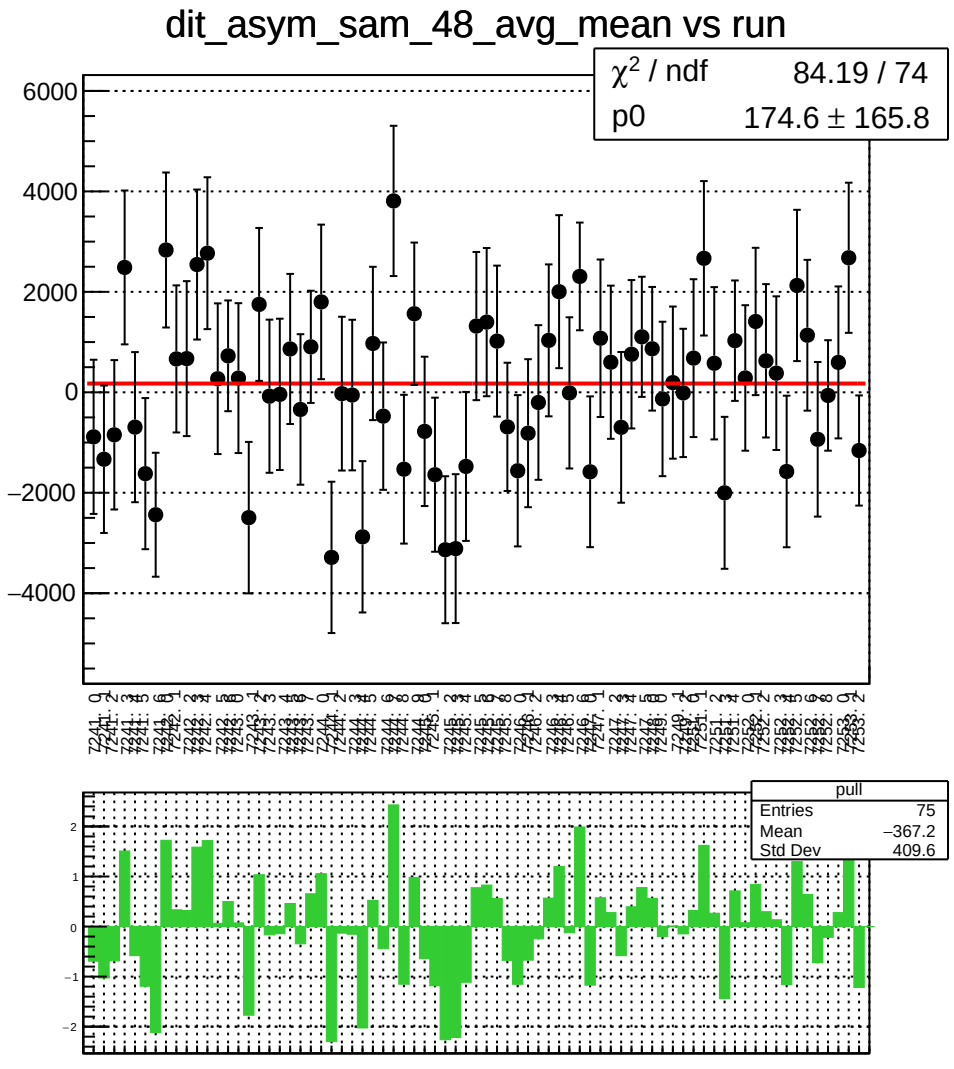

pull1D
Entries 75
Mean 0.02607
Std Dev 1.064
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

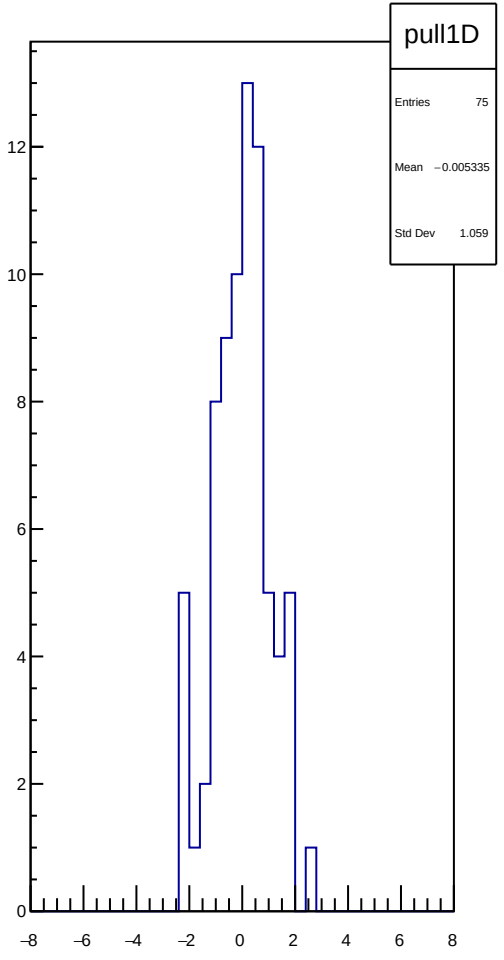

asym_sam_37_avg_correction_rms vs run
χ² / ndf 5051 / 74
p0 401 ± 0.3295
460
440
420
400
380
360
340

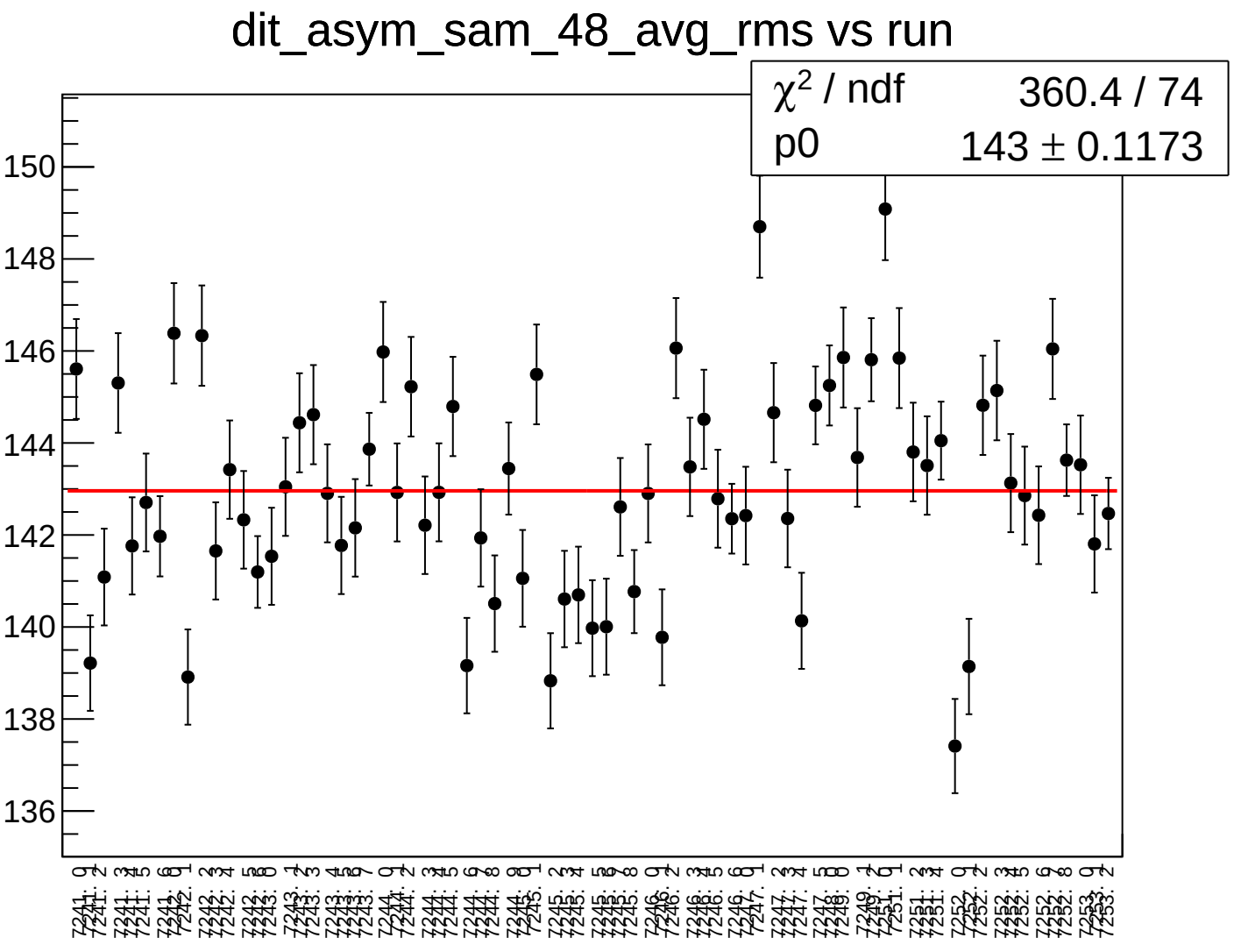

asym_sam_37_avg_mean vs run
χ² / ndf 84.36 / 74
p0 869.4 ± 482.6
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 75
Mean 77.13
Std Dev 58.07
2
1
0
−1
−2

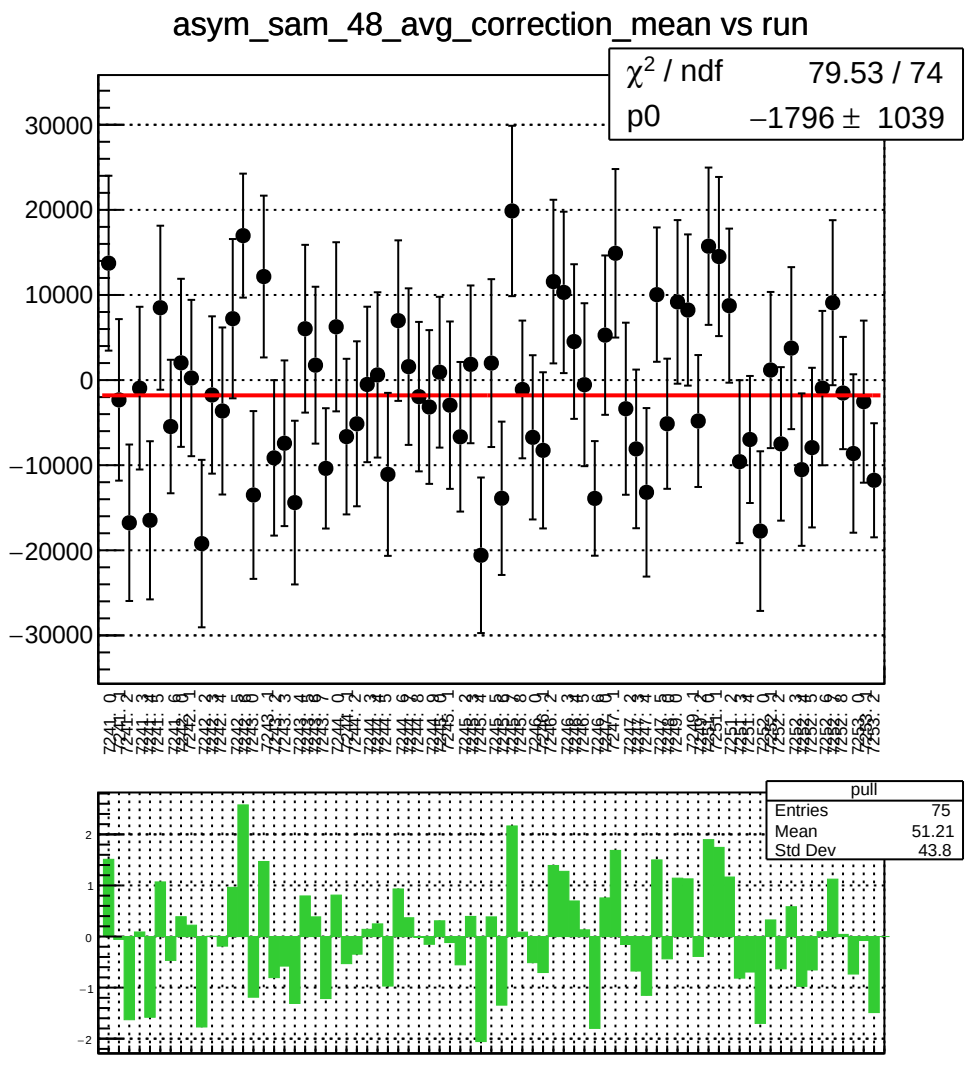

pull1D
Entries 75
Mean −0.02851
Std Dev 1.06
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

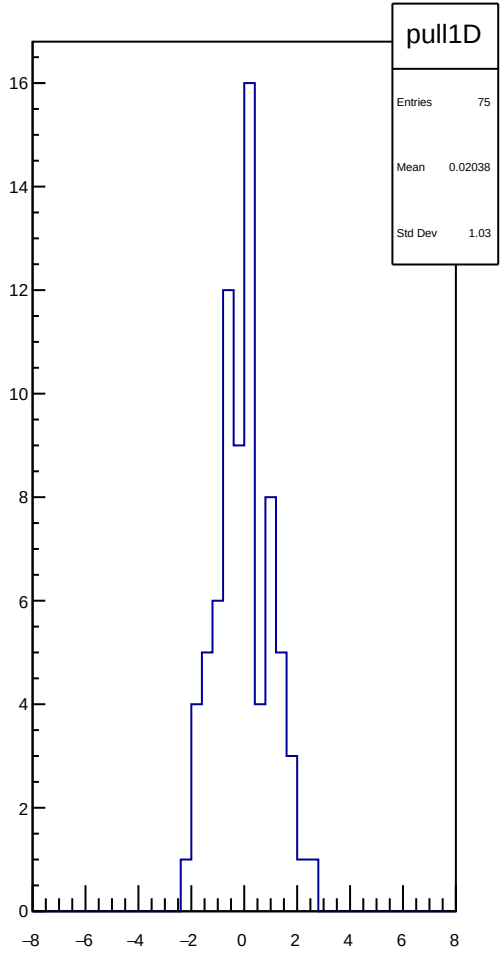

asym_sam_37_avg_rms vs run
χ^2 / ndf 7813 / 74
p0 415 ± 0.3413
480
460
440
420
400
380
360
340

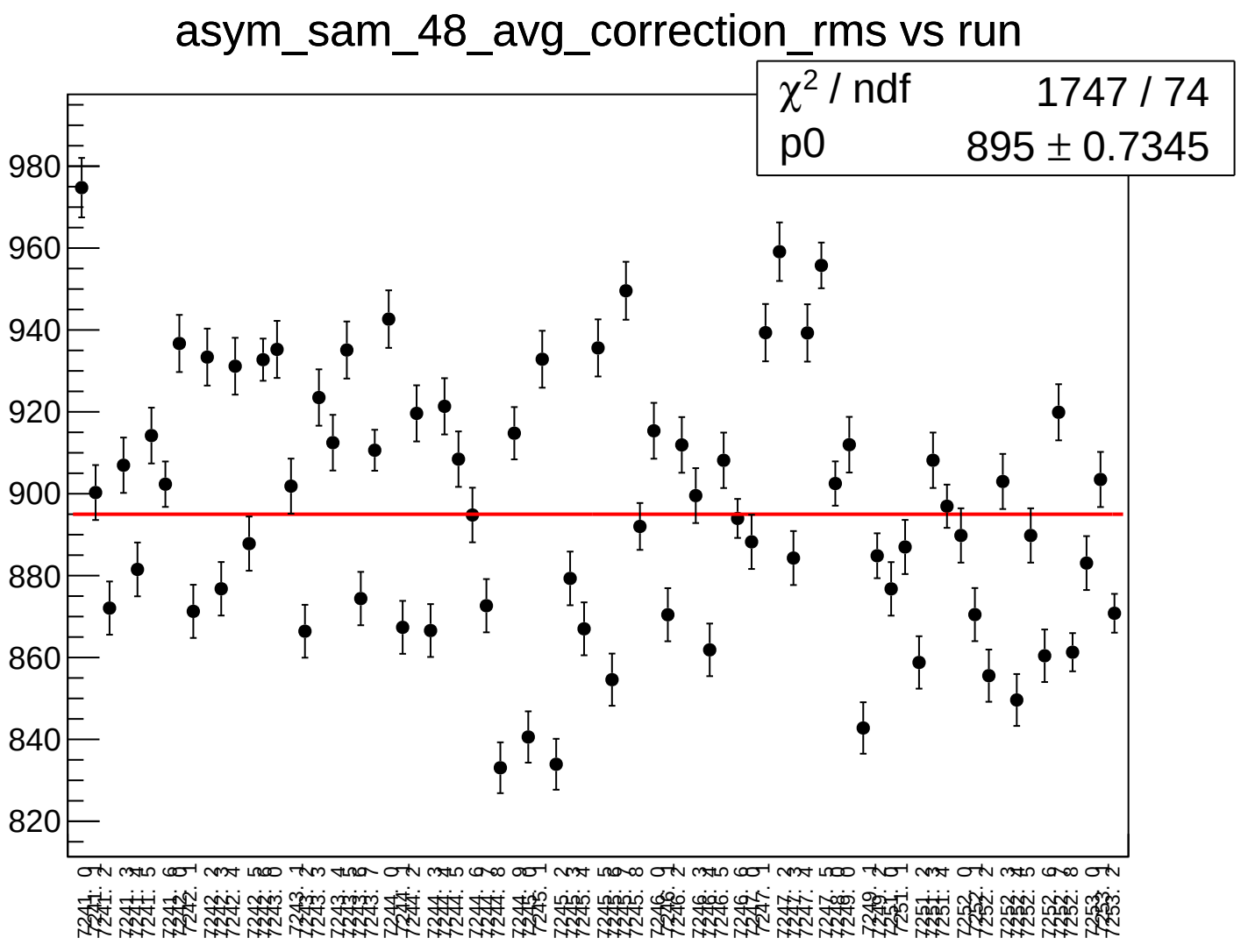

dit_asym_sam_48_avg_mean vs run
χ² / ndf 84.19 / 74
p0 174.6 ± 165.8
pull
Entries 75
Mean −367.2
Std Dev 409.6

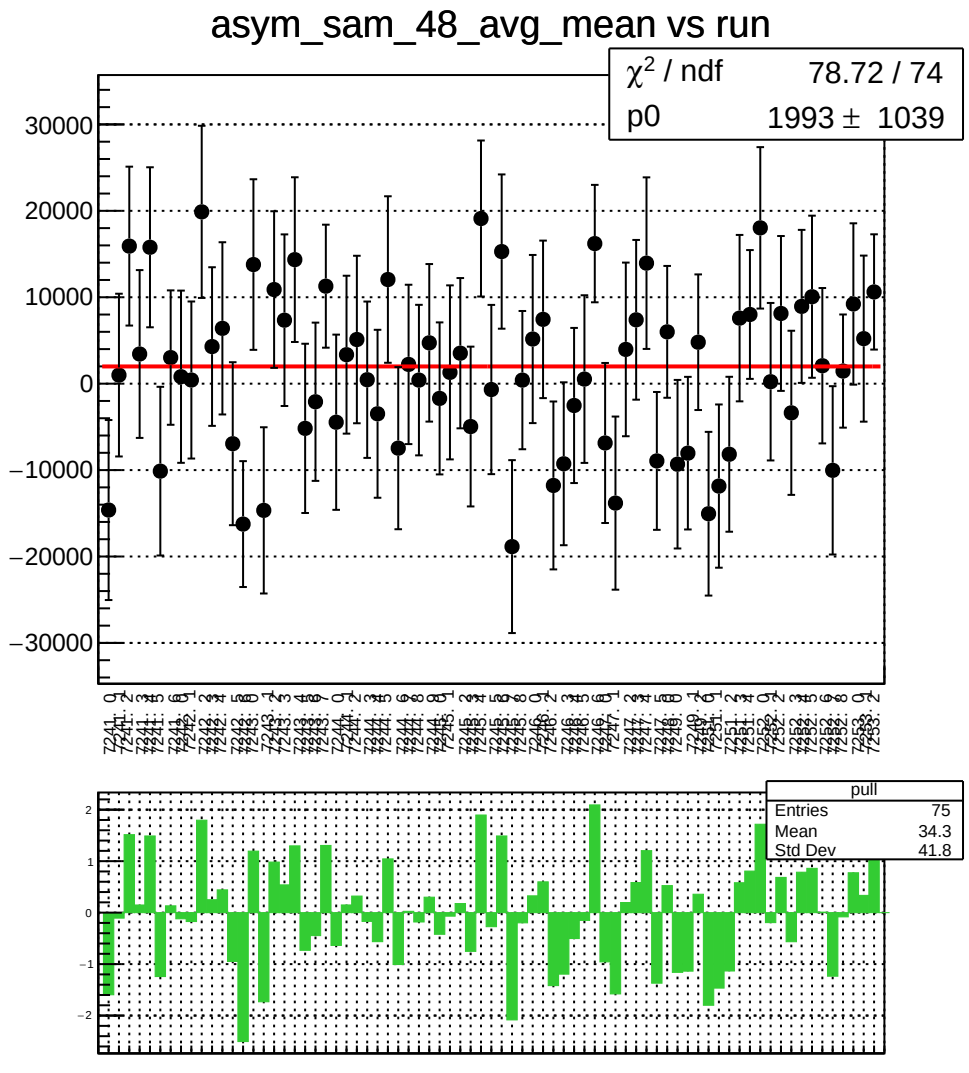

pull1D
Entries 75
Mean −0.005335
Std Dev 1.059

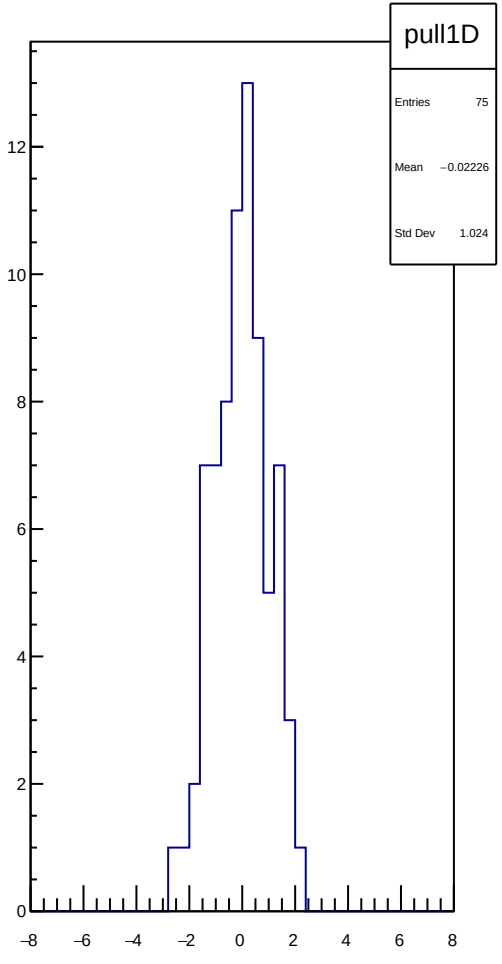

dit_asym_sam_48_avg_rms vs run
χ^2 / ndf 360.4 / 74
p0 143 ± 0.1173
150
148
146
144
142
140
138
136

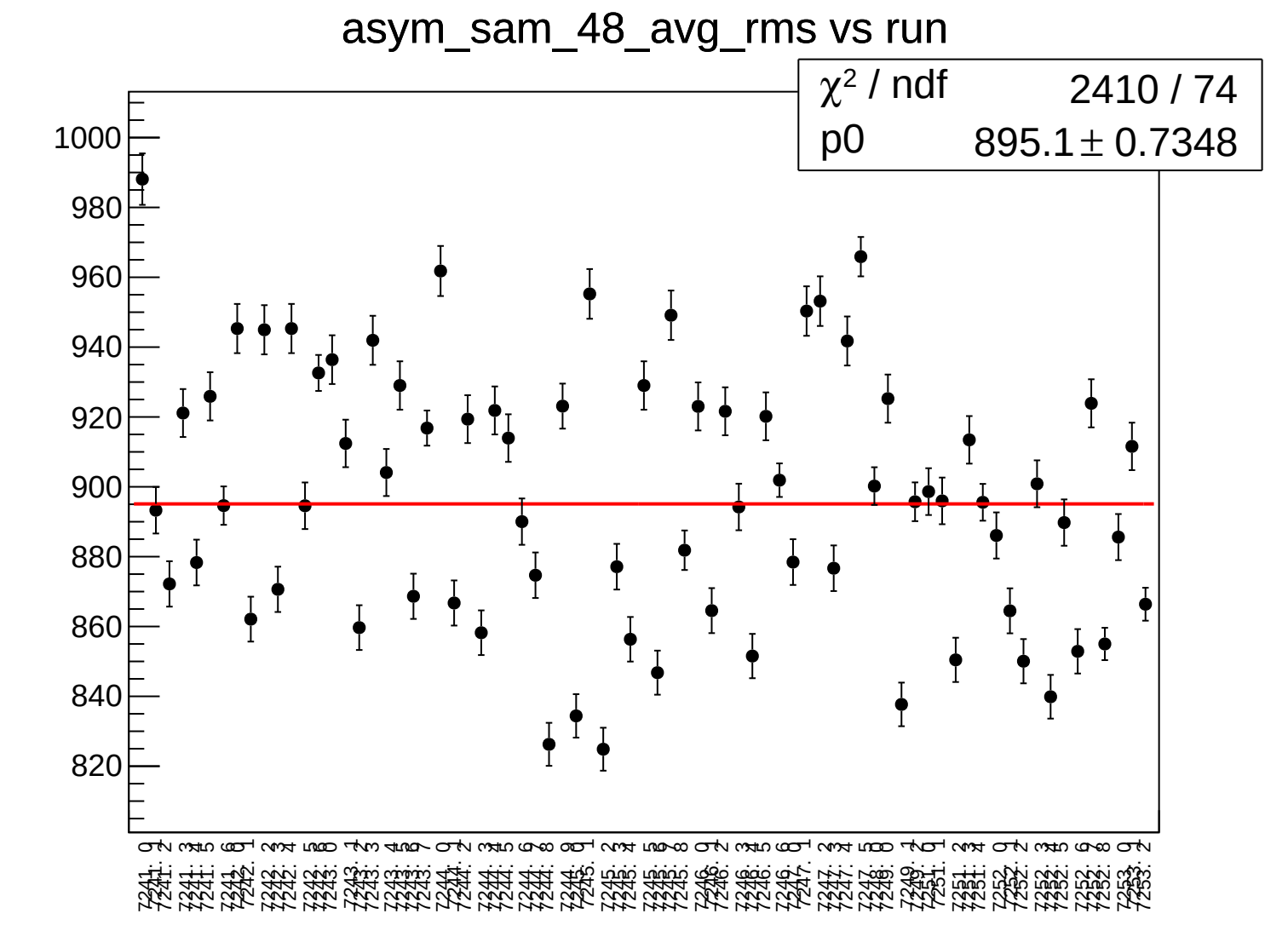

asym_sam_48_avg_correction_mean vs run
χ² / ndf 79.53 / 74
p0 −1796 ± 1039
pull
Entries 75
Mean 51.21
Std Dev 43.8

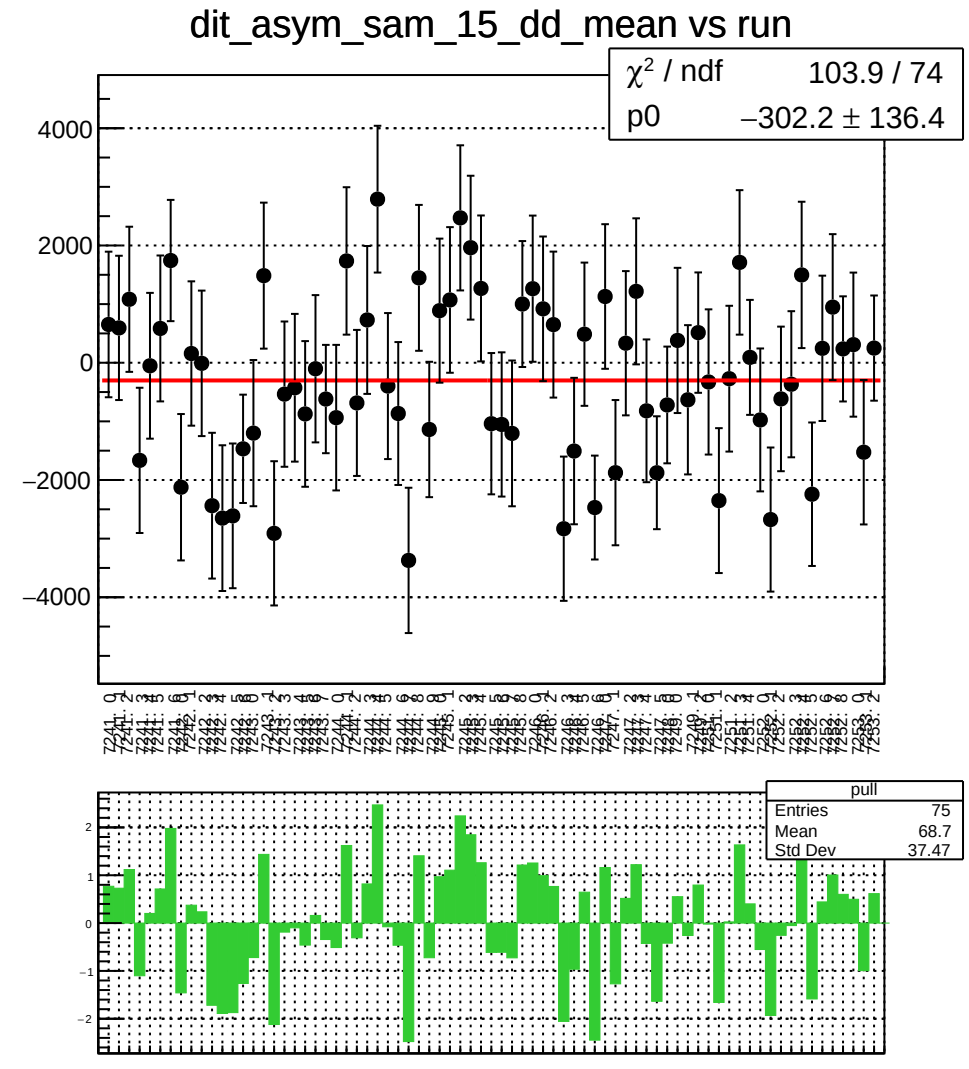

pull1D
Entries 75
Mean 0.02038
Std Dev 1.03

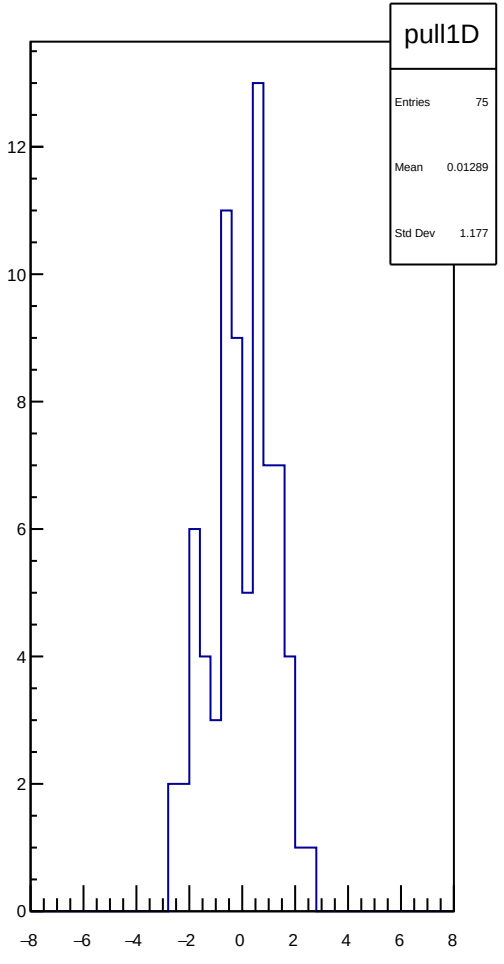

asym_sam_48_avg_correction_rms vs run
χ^2 / ndf 1747 / 74
p0 895 ± 0.7345
980
960
940
920
900
880
860
840
820

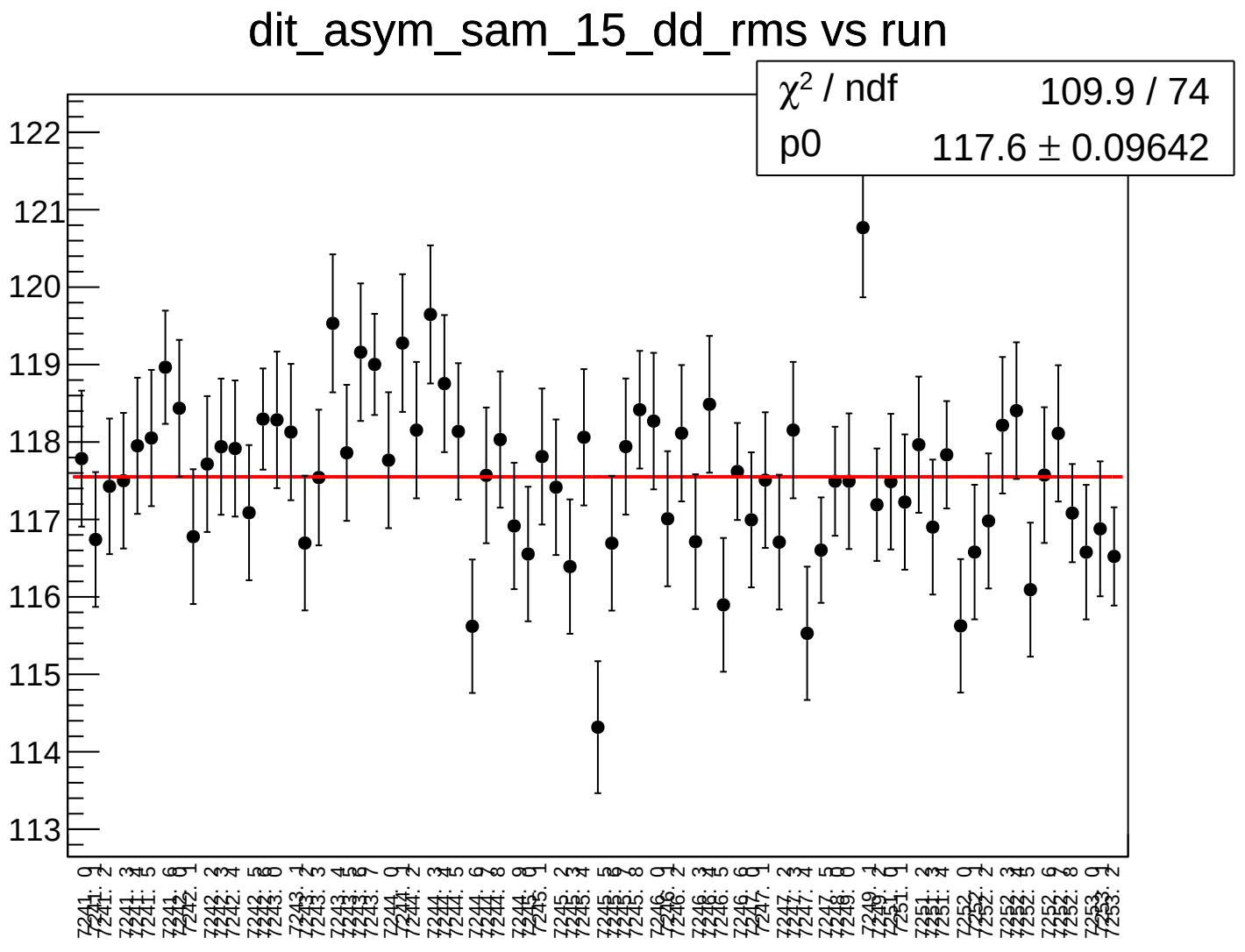

asym_sam_48_avg_mean vs run
χ² / ndf 78.72 / 74
p0 1993 ± 1039
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 75
Mean 34.3
Std Dev 41.8
2
1
0
−1
−2

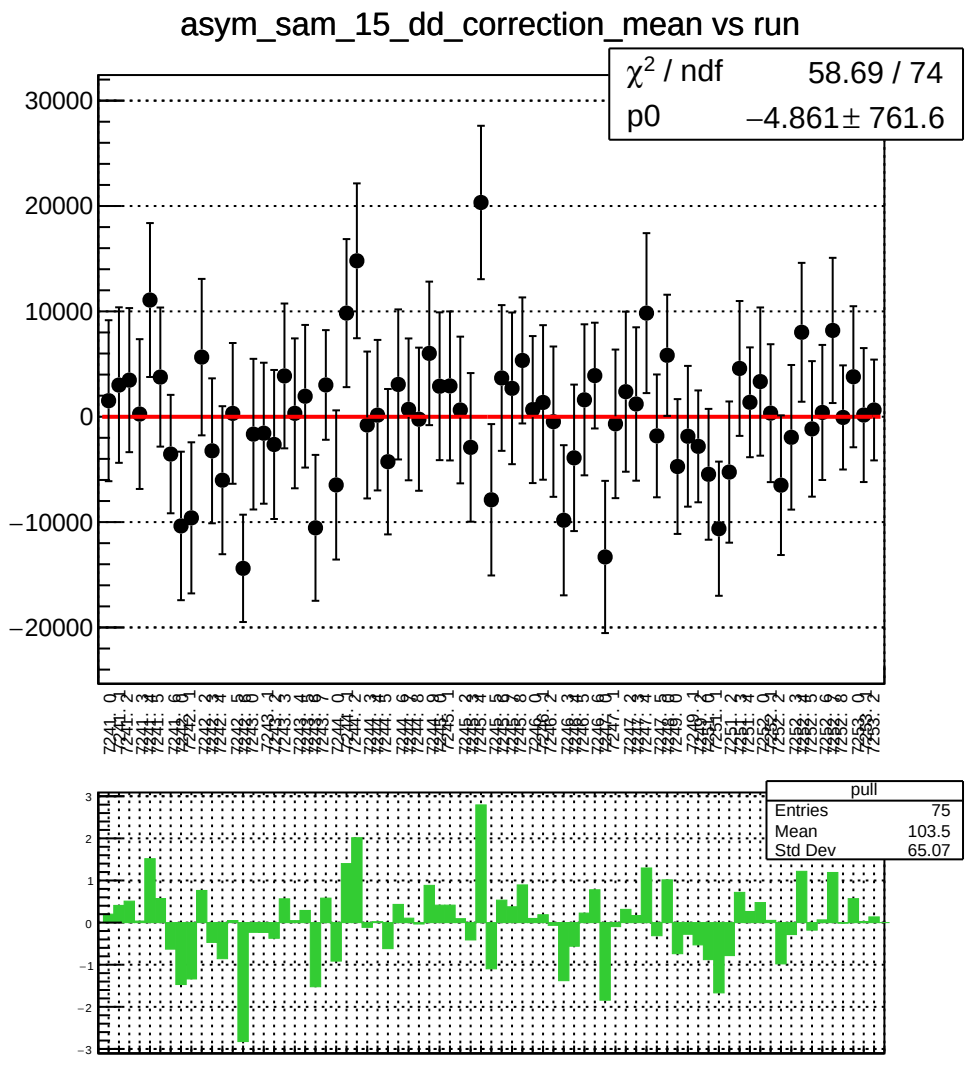

pull1D
Entries 75
Mean −0.02226
Std Dev 1.024
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

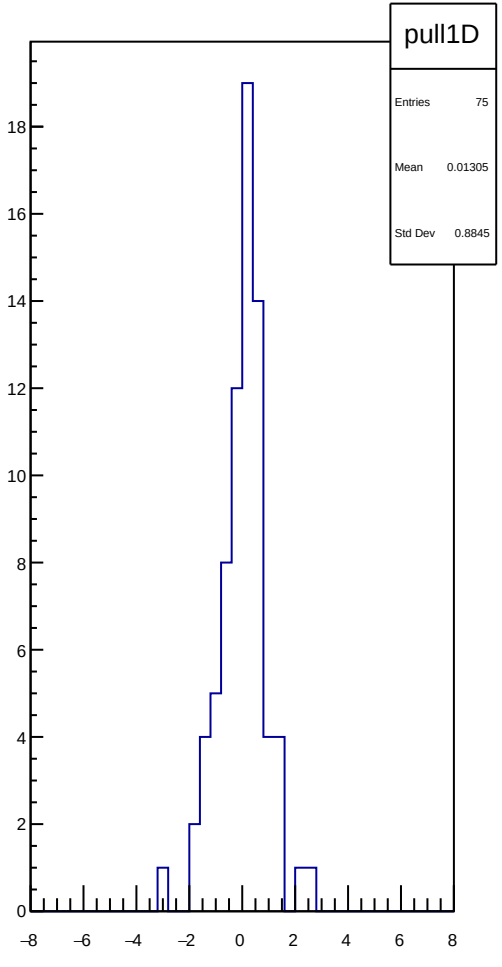

asym_sam_48_avg_rms vs run
χ² / ndf 2410 / 74
p0 895.1 ± 0.7348
1000
980
960
940
920
900
880
860
840
820

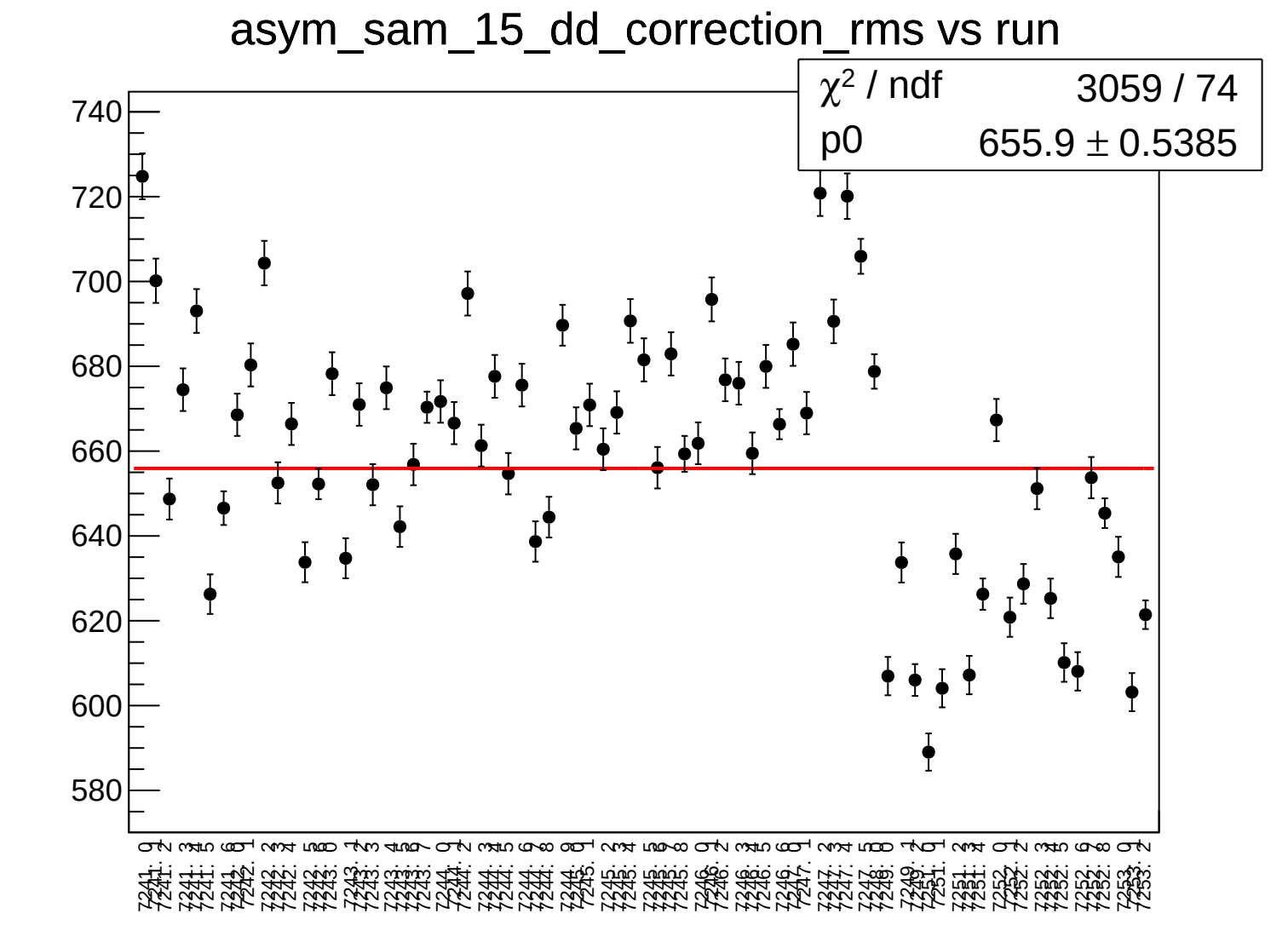

dit_asym_sam_15_dd_mean vs run
χ² / ndf 103.9 / 74
p0 −302.2 ± 136.4
4000
2000
0
−2000
−4000
pull
Entries 75
Mean 68.7
Std Dev 37.47
2
1
0
−1
−2

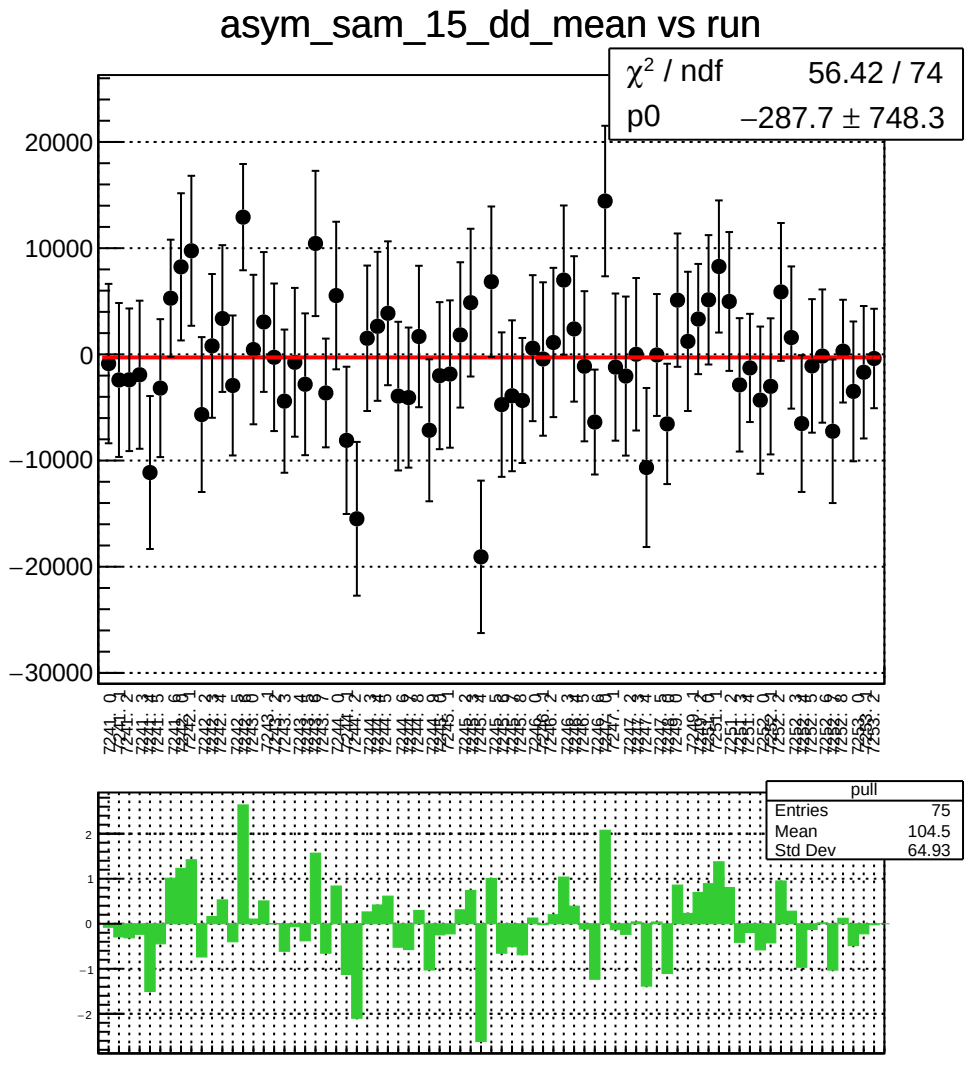

pull1D
Entries 75
Mean 0.01289
Std Dev 1.177
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

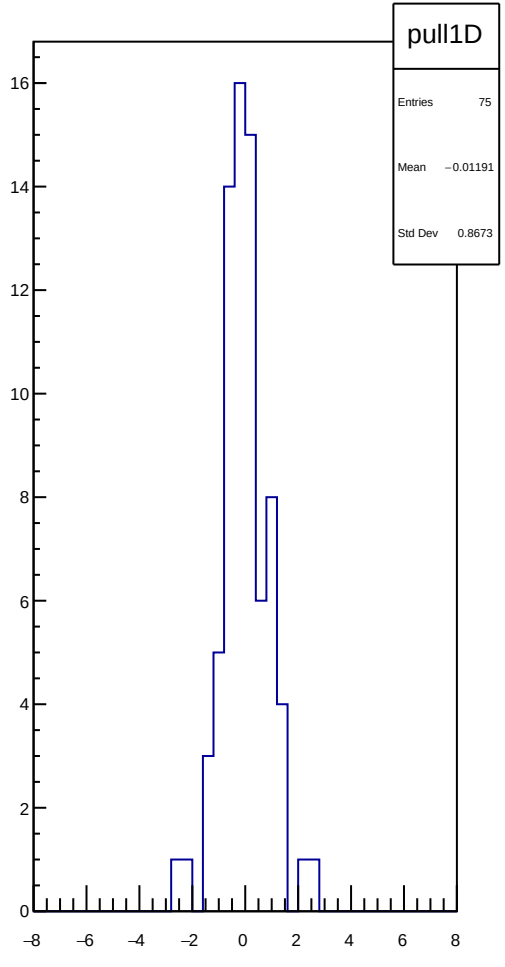

dit_asym_sam_15_dd_rms vs run
χ^2 / ndf 109.9 / 74
p0 117.6 ± 0.09642
122
121
120
119
118
117
116
115
114
113

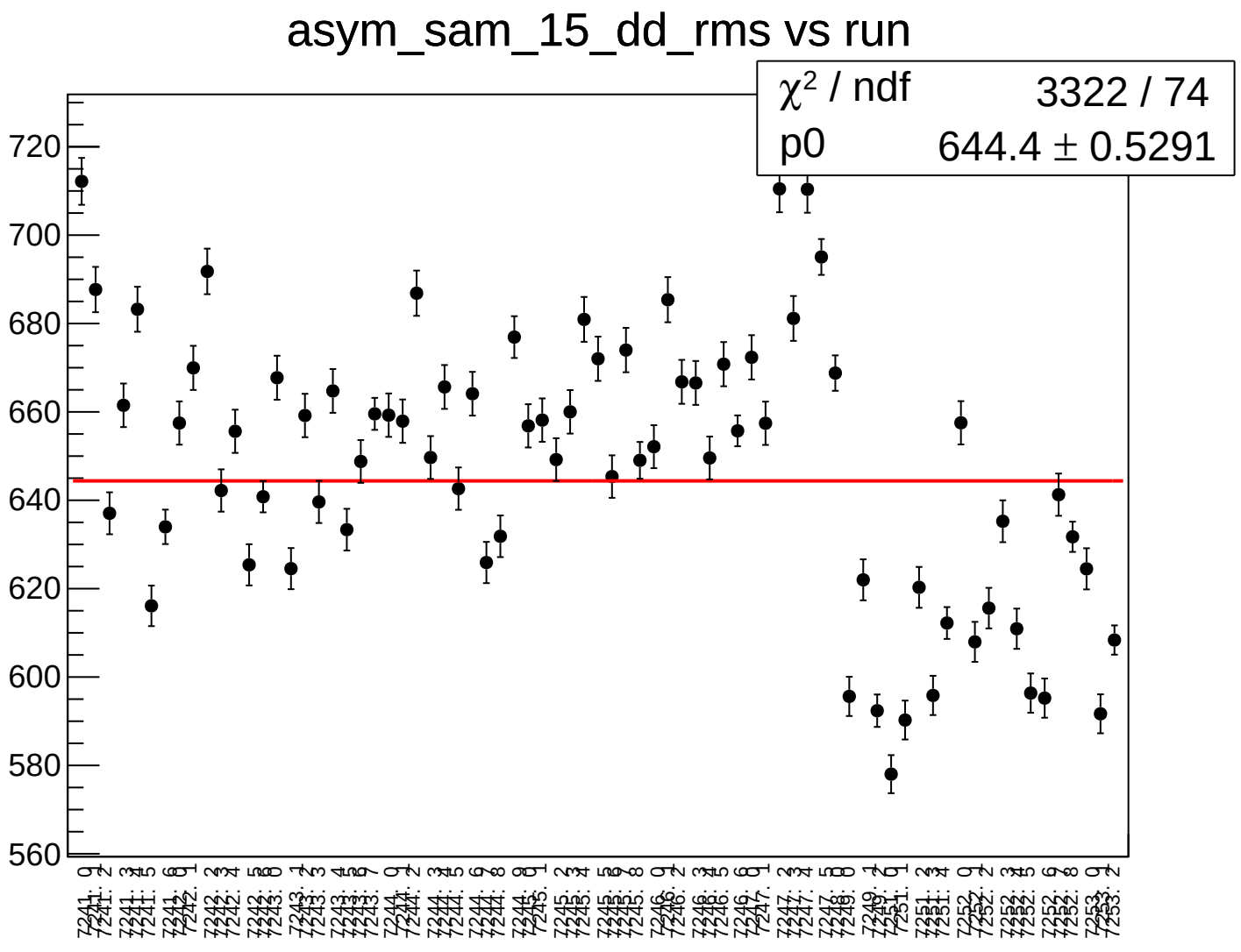

asym_sam_15_dd_correction_mean vs run
χ² / ndf 58.69 / 74
p0 −4.861± 761.6
pull
Entries 75
Mean 103.5
Std Dev 65.07

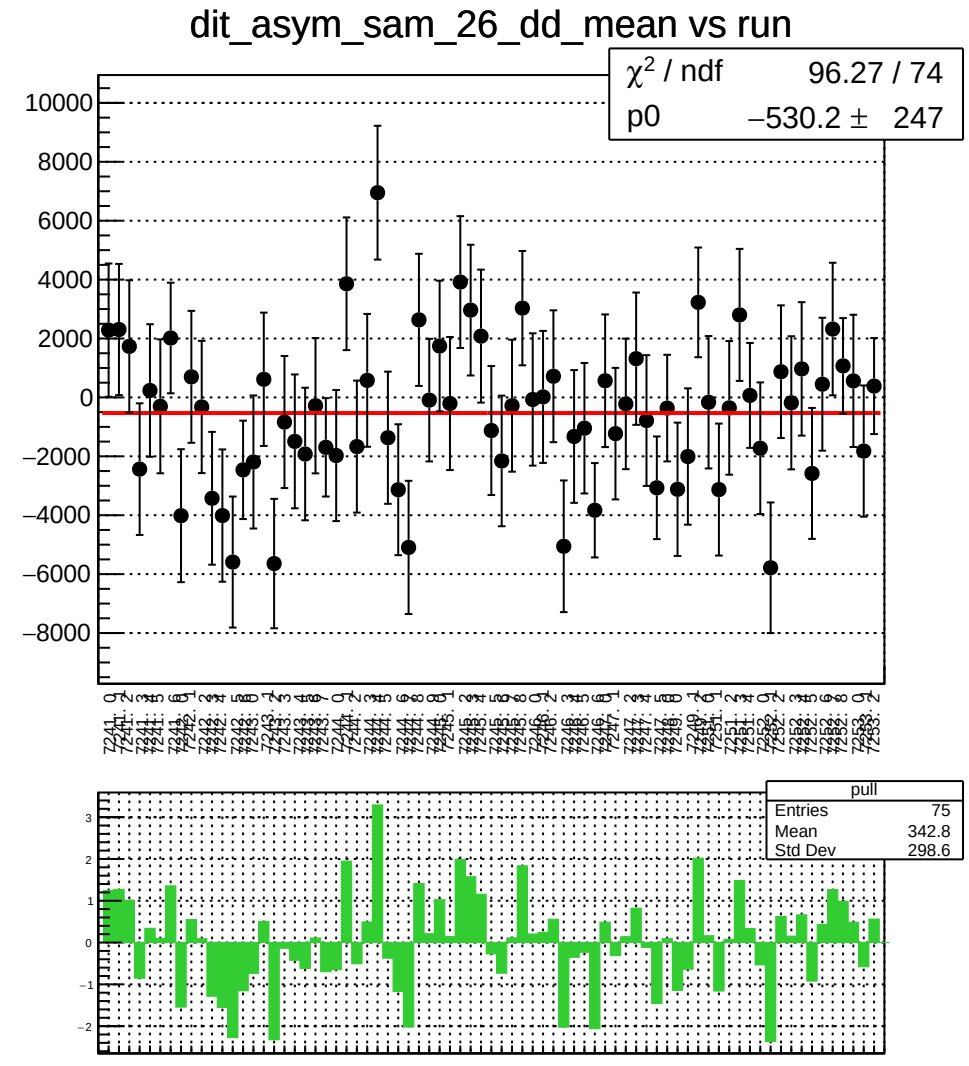

pull1D
Entries 75
Mean 0.01305
Std Dev 0.8845

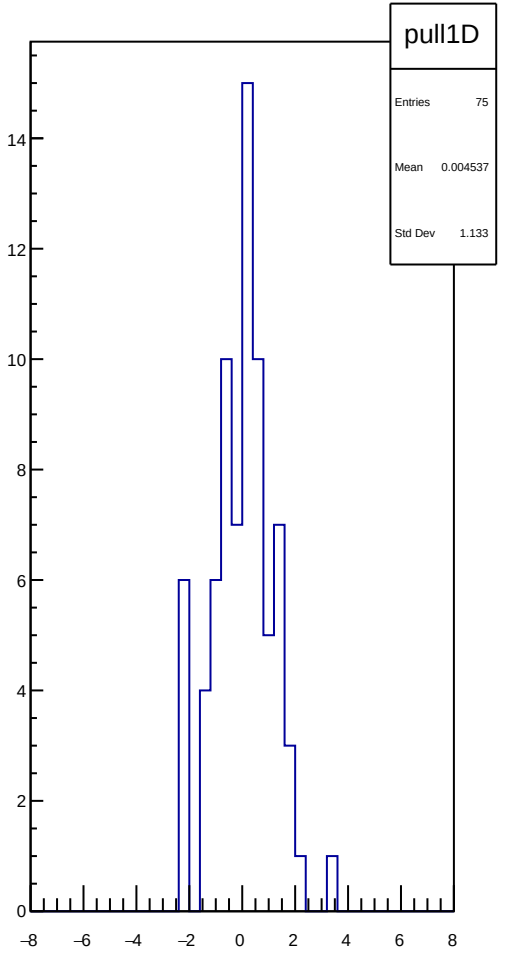

asym_sam_15_dd_correction_rms vs run
χ² / ndf 3059 / 74
p0 655.9 ± 0.5385
740
720
700
680
660
640
620
600
580

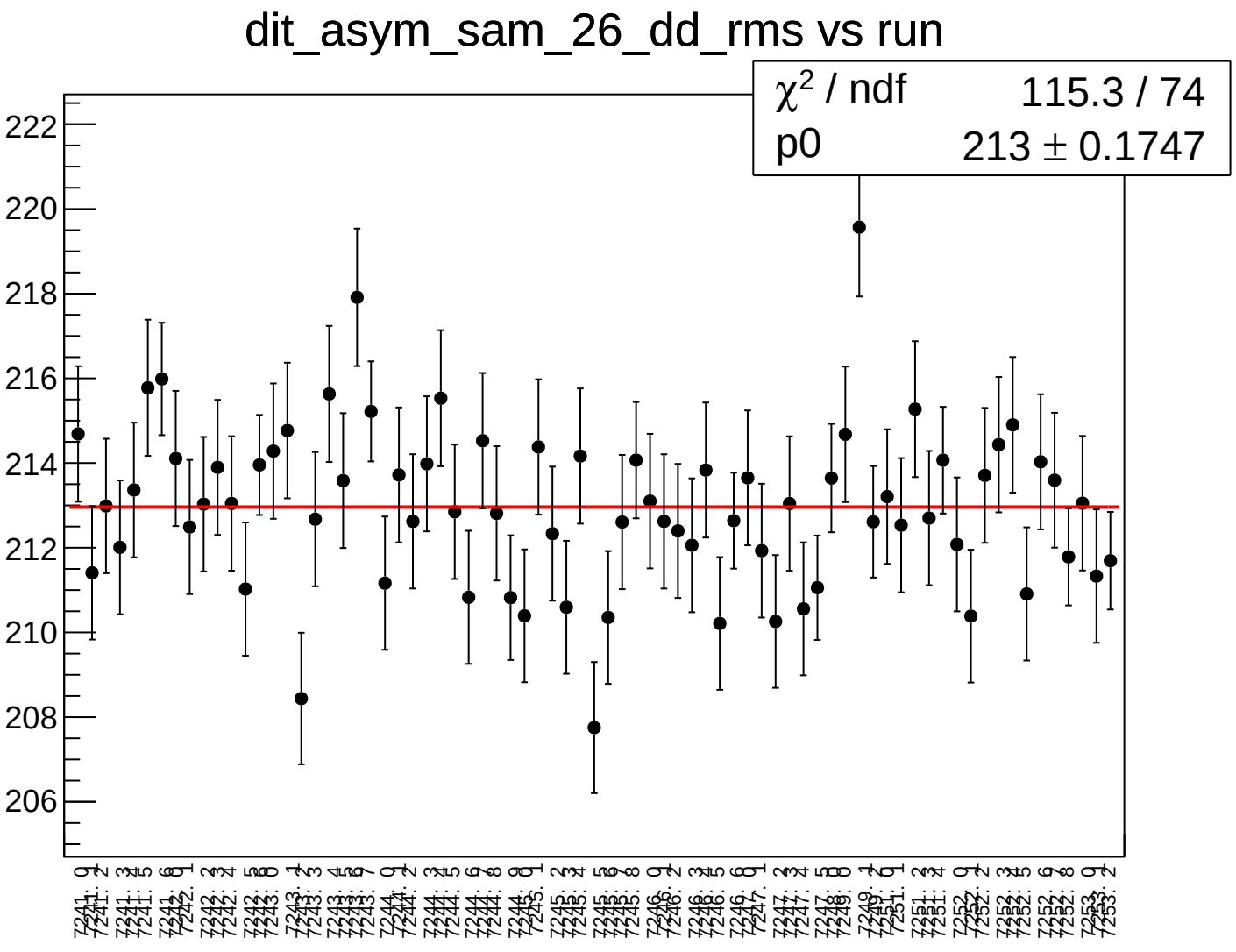

asym_sam_15_dd_mean vs run
χ² / ndf 56.42 / 74
p0 −287.7 ± 748.3
20000
10000
0
−10000
−20000
−30000
pull
Entries 75
Mean 104.5
Std Dev 64.93
2
1
0
−1
−2

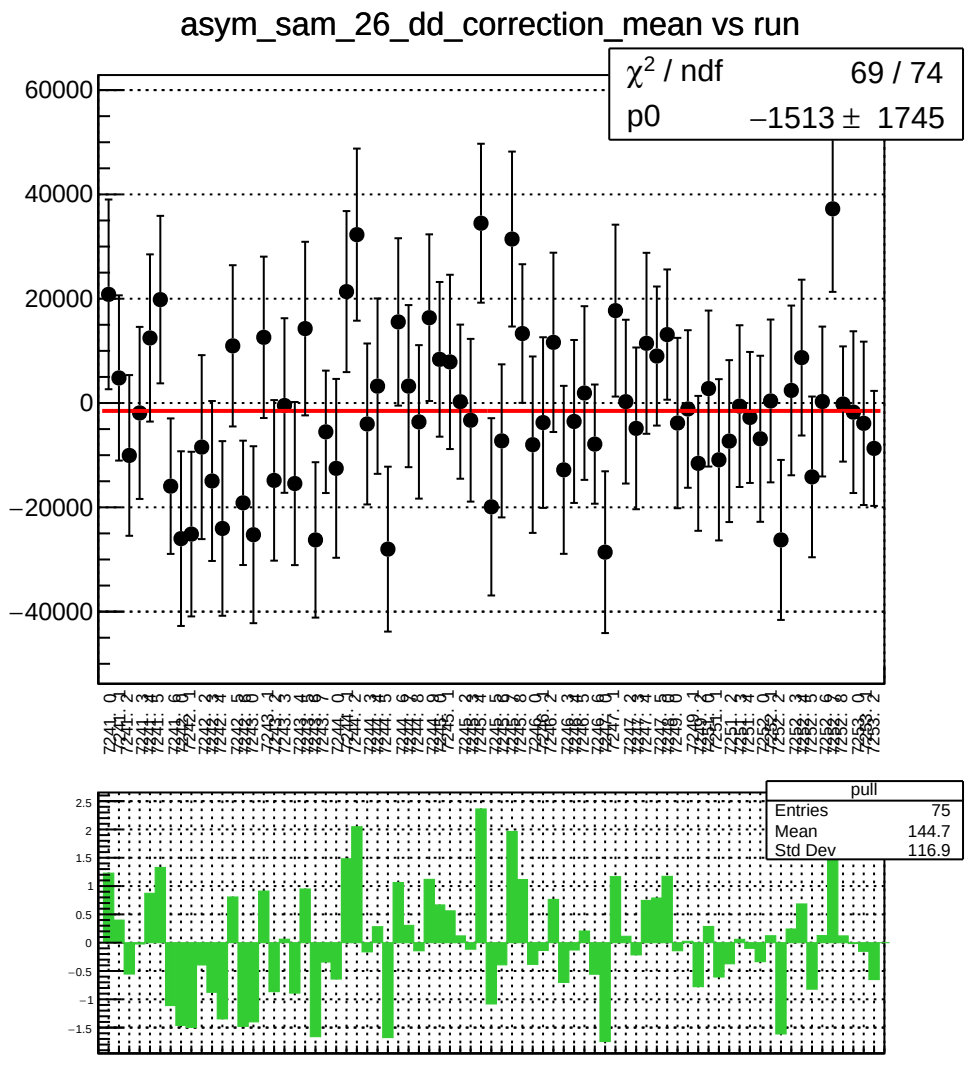

pull1D
Entries 75
Mean −0.01191
Std Dev 0.8673
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

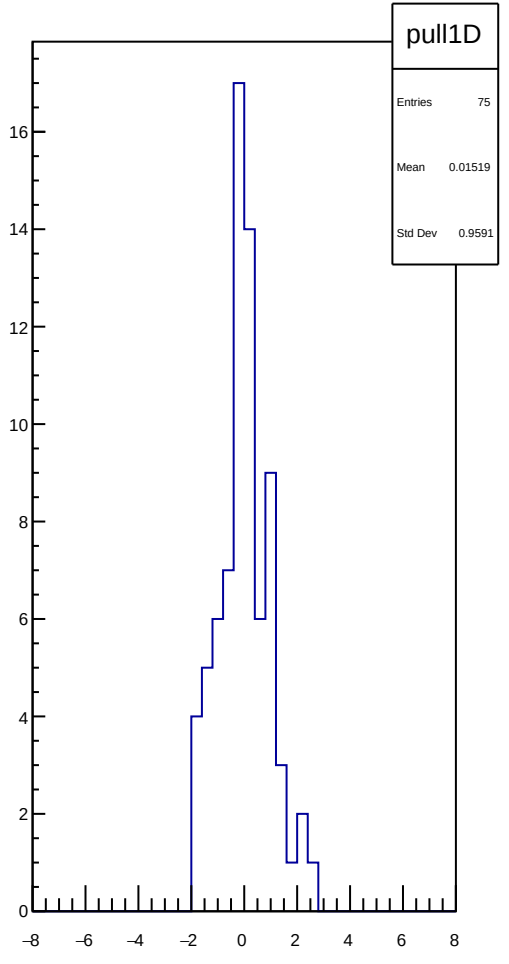

asym_sam_15_dd_rms vs run
χ² / ndf 3322 / 74
p0 644.4 ± 0.5291
720
700
680
660
640
620
600
580
560

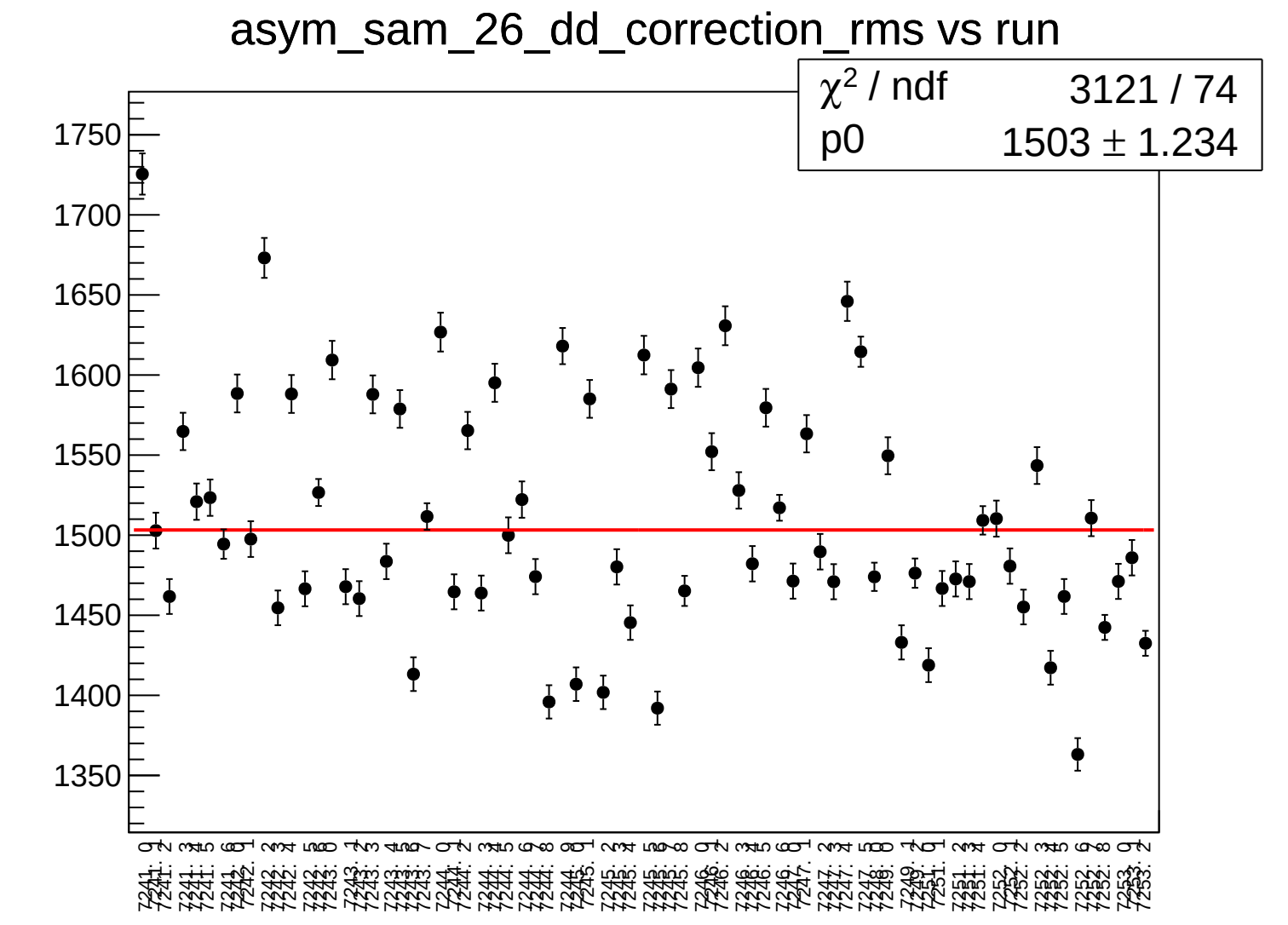

dit_asym_sam_26_dd_mean vs run
χ² / ndf 96.27 / 74
p0 −530.2 ± 247
pull
Entries 75
Mean 342.8
Std Dev 298.6

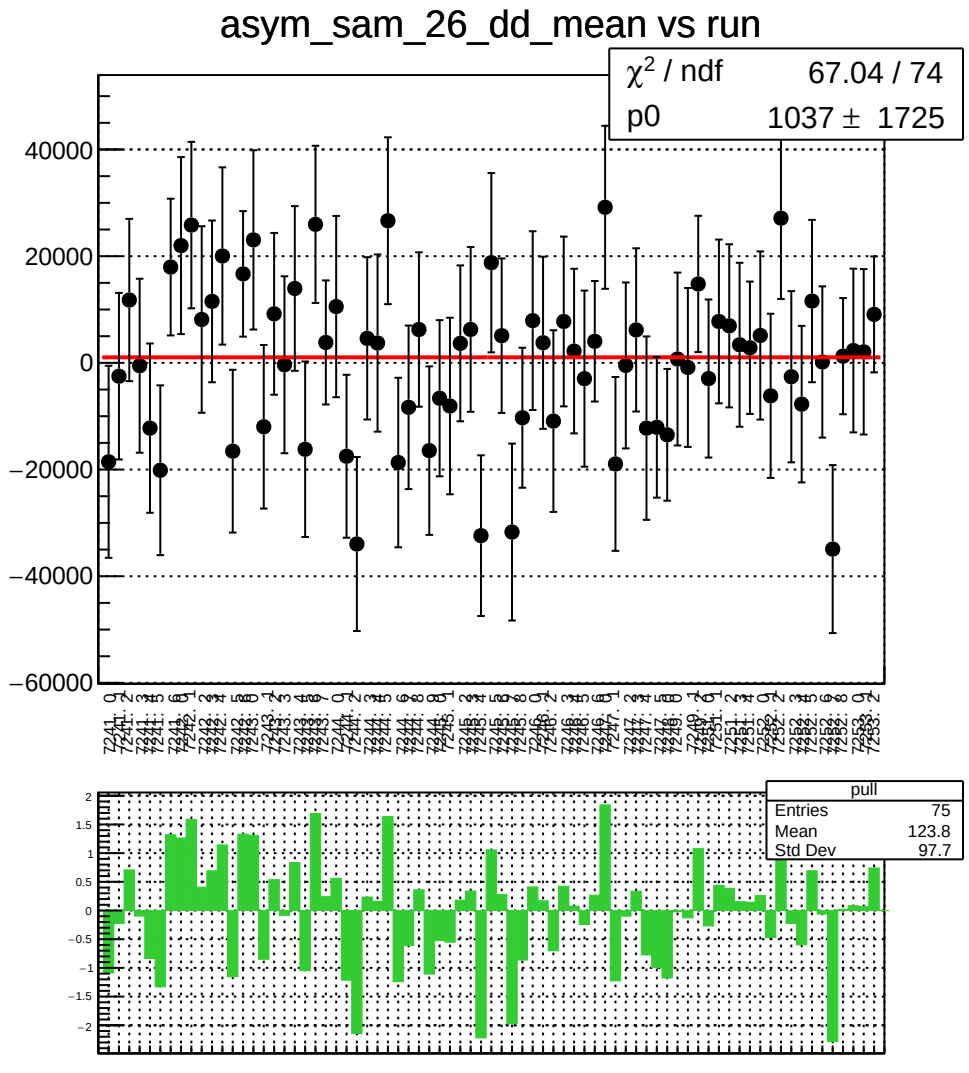

pull1D
Entries 75
Mean 0.004537
Std Dev 1.133

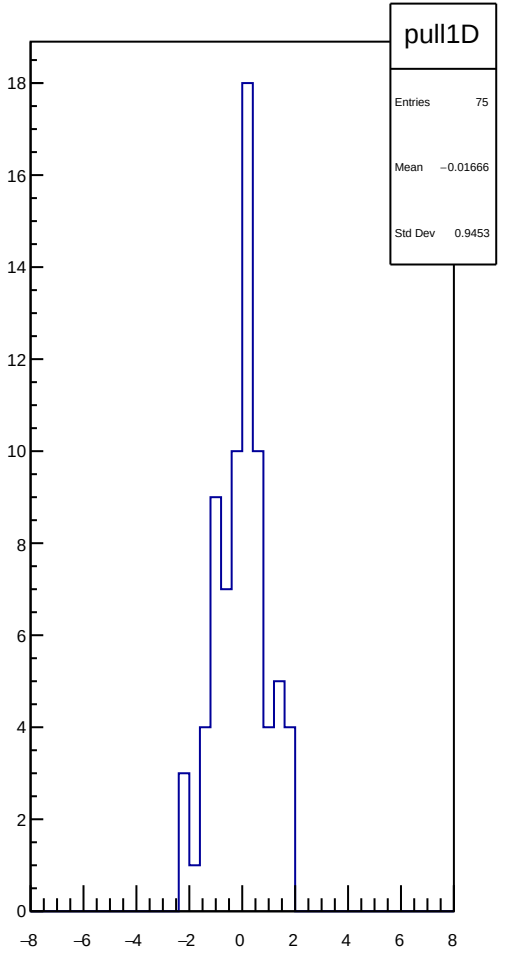

dit_asym_sam_26_dd_rms vs run
χ² / ndf 115.3 / 74
p0 213 ± 0.1747
222
220
218
216
214
212
210
208
206

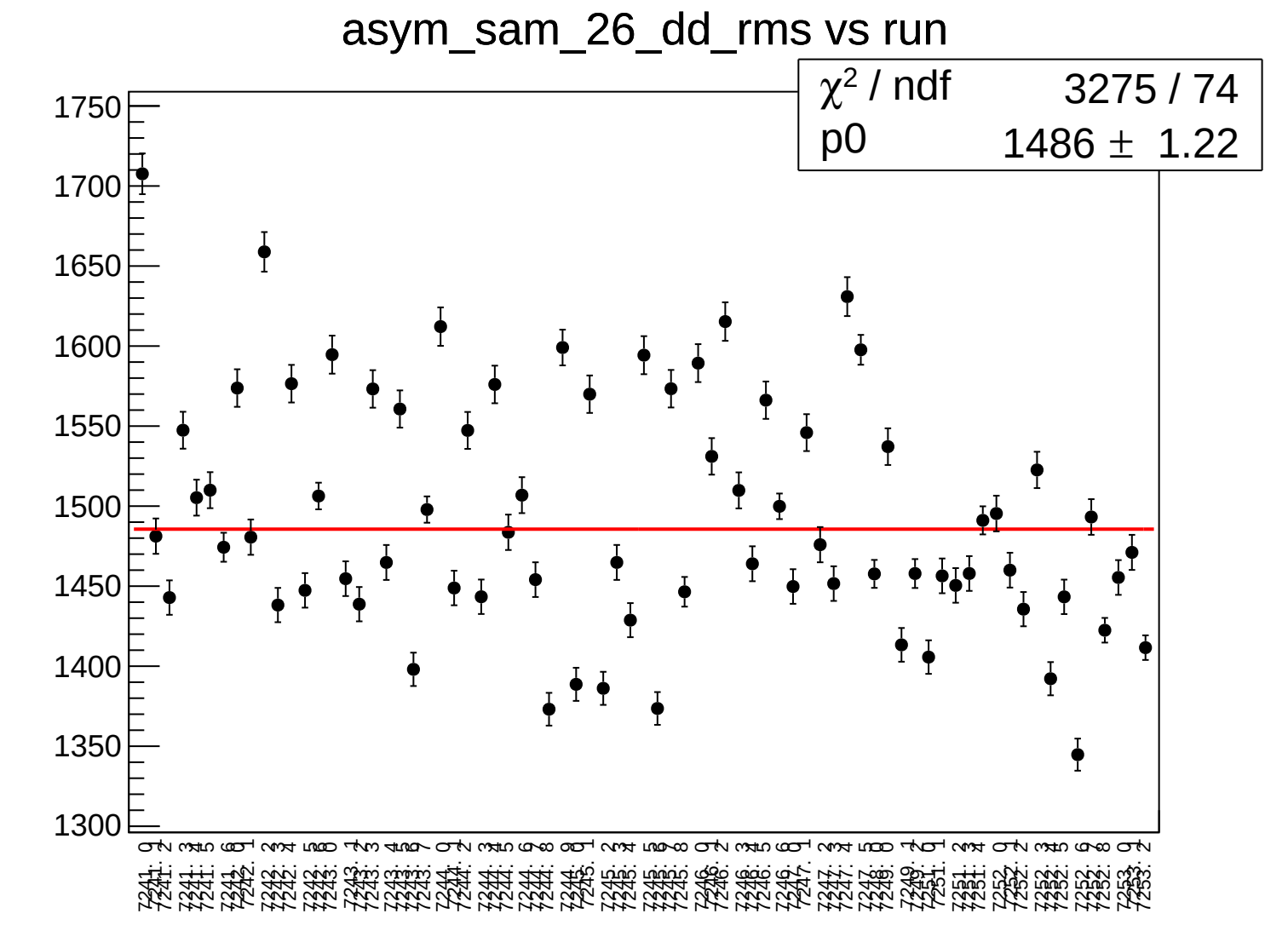

asym_sam_26_dd_correction_mean vs run
χ² / ndf 69 / 74
p0 −1513 ± 1745
60000
40000
20000
0
−20000
−40000
pull
Entries 75
Mean 144.7
Std Dev 116.9
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5

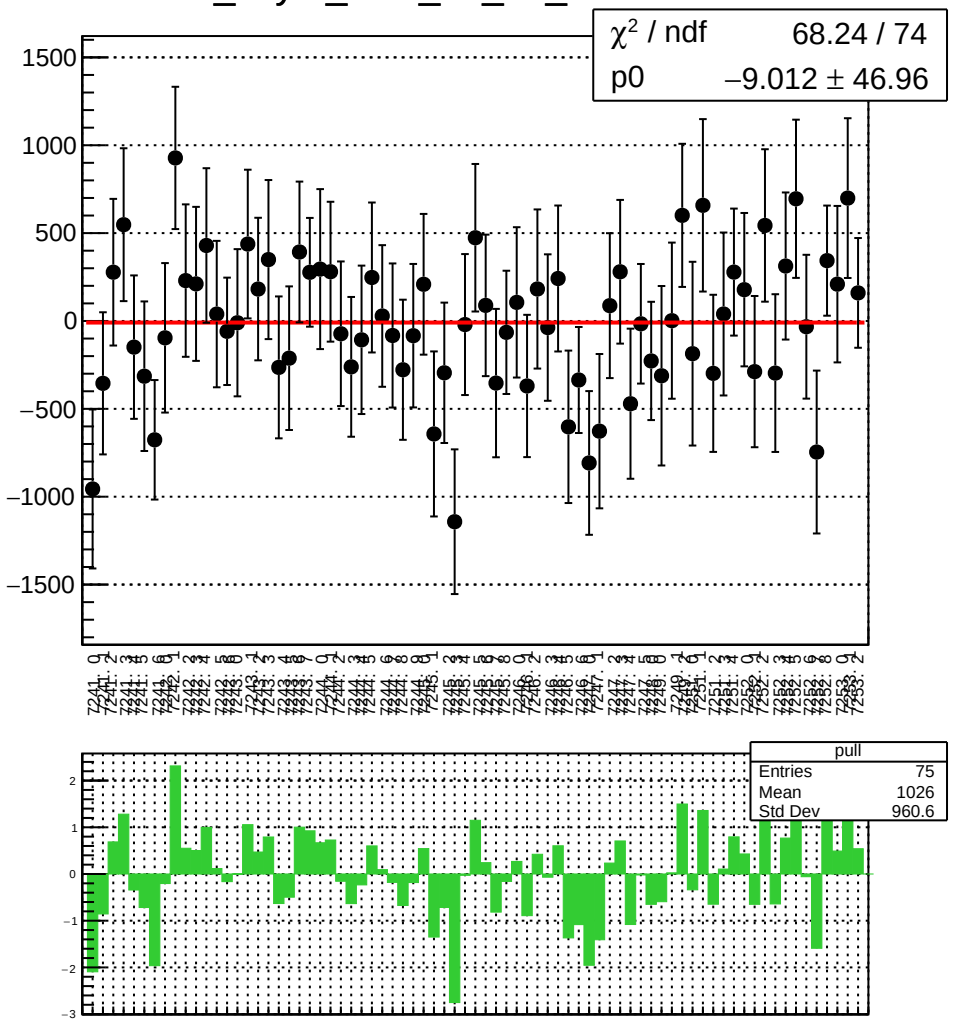

pull1D
Entries 75
Mean 0.01519
Std Dev 0.9591
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

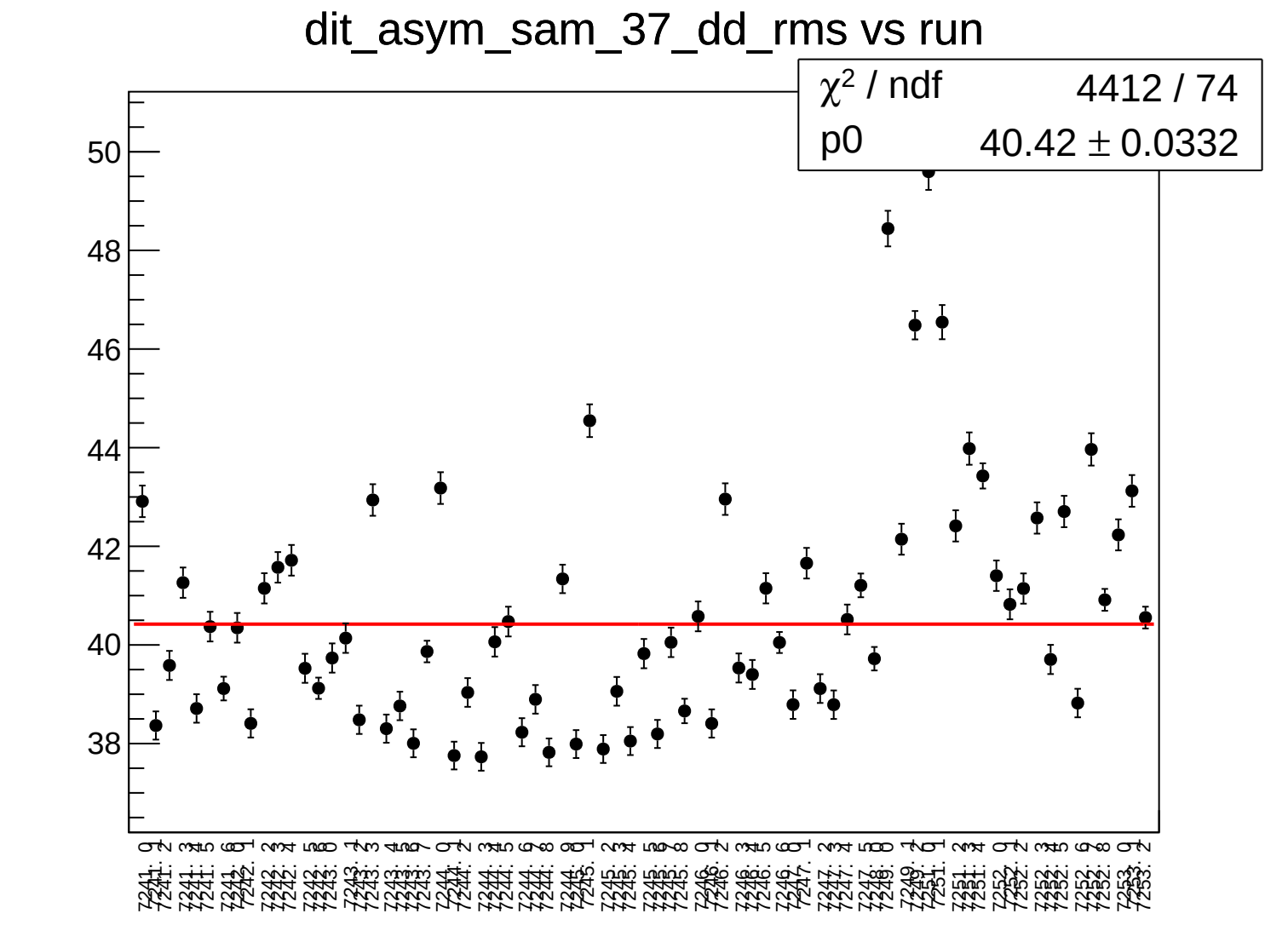

asym_sam_26_dd_correction_rms vs run
χ² / ndf 3121 / 74
p0 1503 ± 1.234
1750
1700
1650
1600
1550
1500
1450
1400
1350

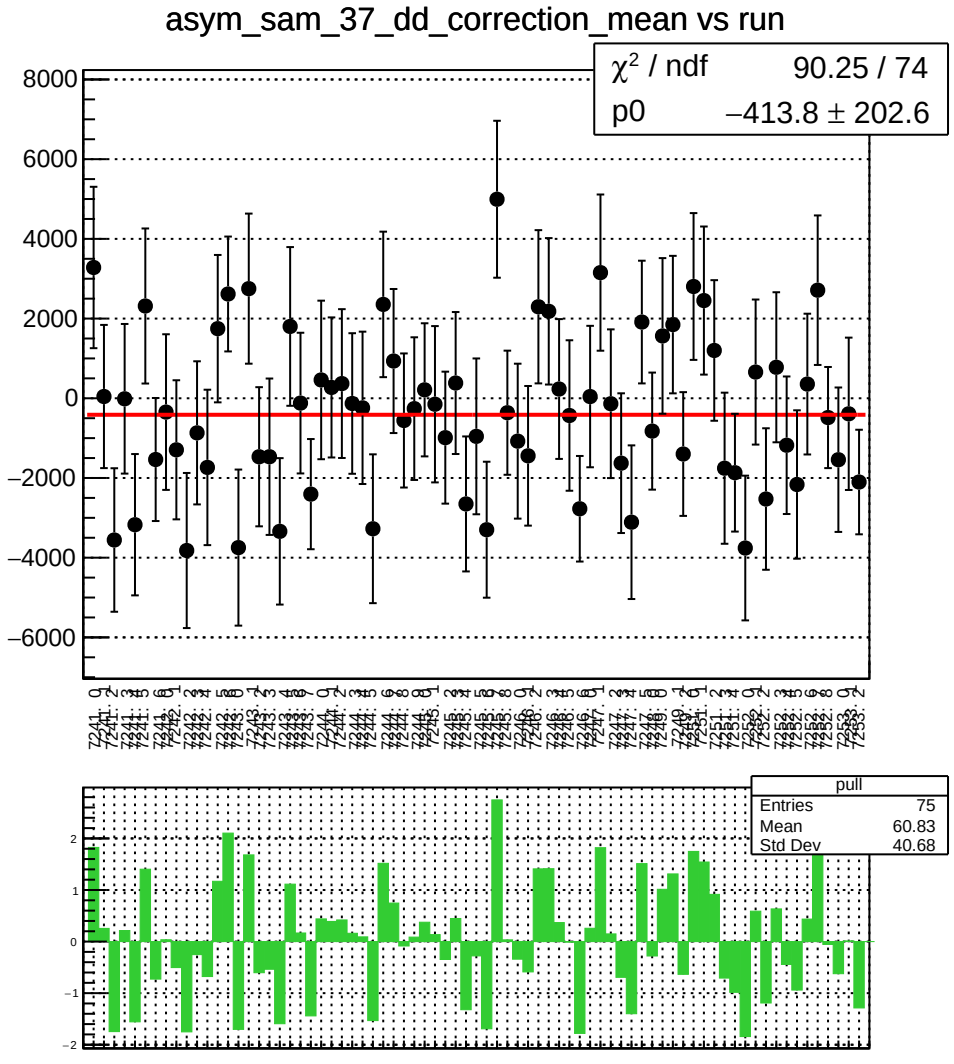

asym_sam_26_dd_mean vs run
χ² / ndf 67.04 / 74
p0 1037 ± 1725
40000
20000
0
−20000
−40000
−60000
pull
Entries 75
Mean 123.8
Std Dev 97.7
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

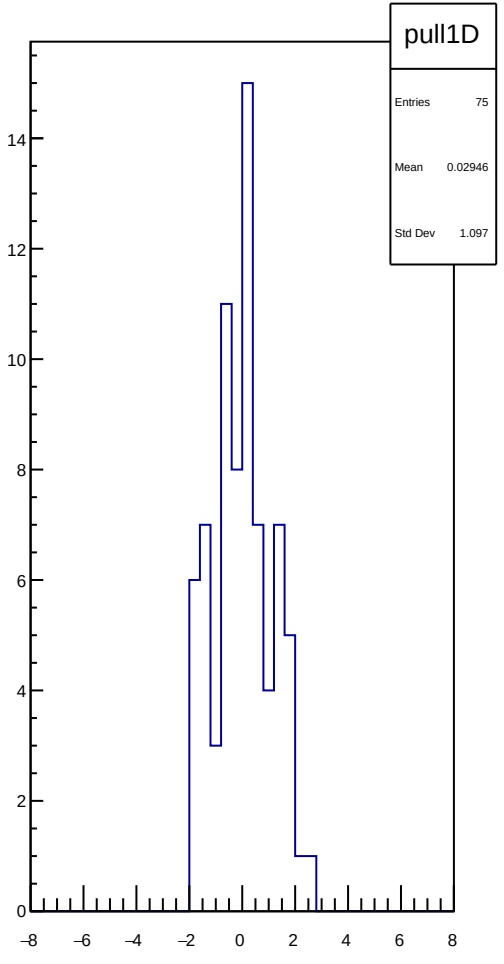

pull1D
Entries 75
Mean −0.01666
Std Dev 0.9453
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

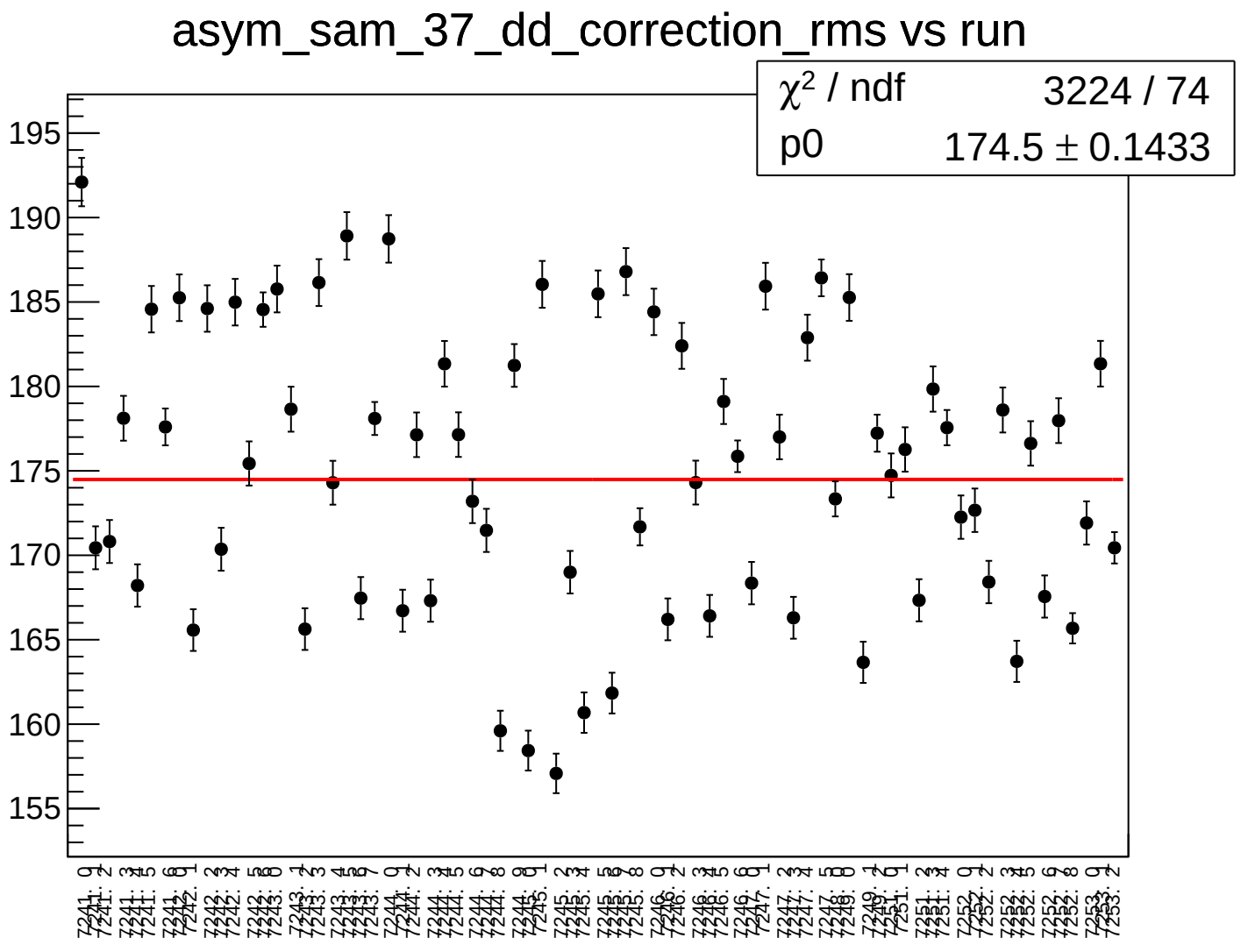

asym_sam_26_dd_rms vs run
χ² / ndf 3275 / 74
p0 1486 ± 1.22
1750
1700
1650
1600
1550
1500
1450
1400
1350
1300

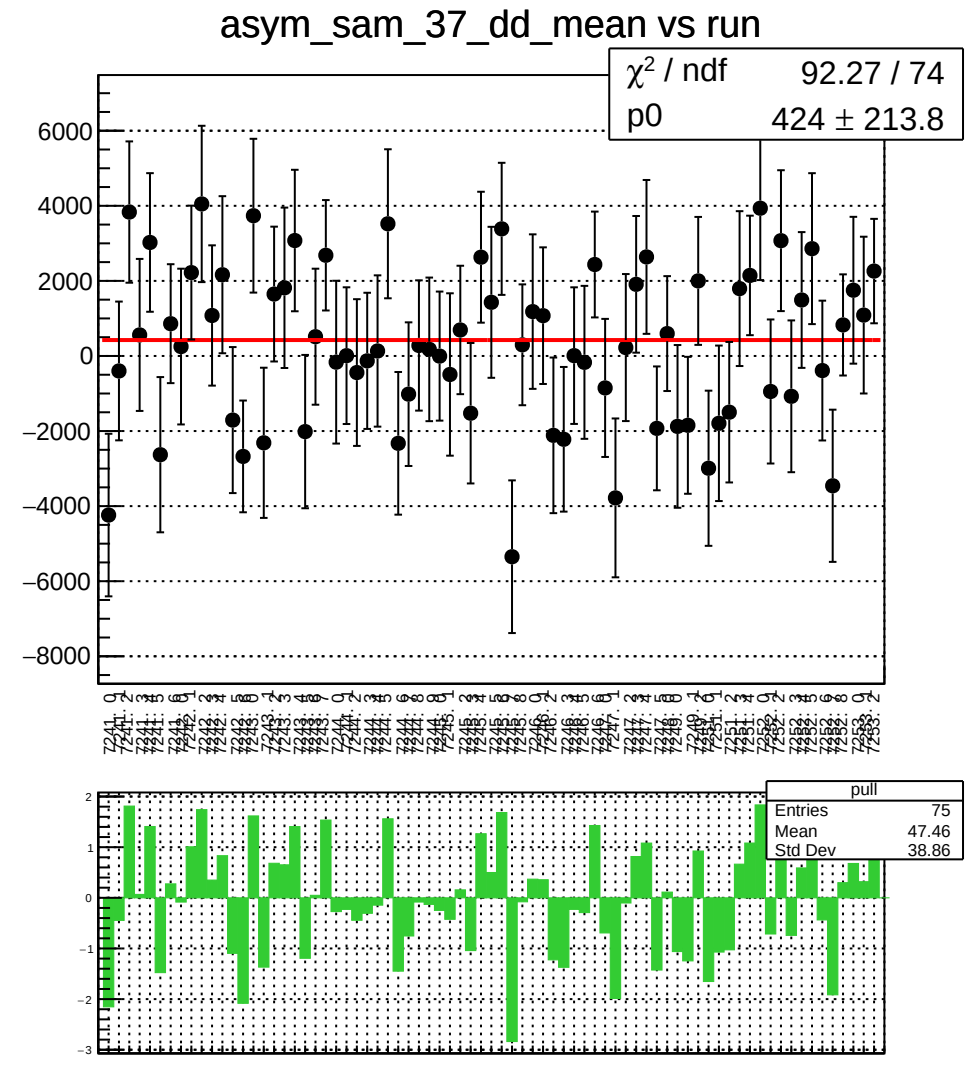

dit_asym_sam_37_dd_mean vs run
χ² / ndf 68.24 / 74
p0 −9.012 ± 46.96
pull
Entries 75
Mean 1026
Std Dev 960.6
pull1D
Entries 75
Mean 0.001334
Std Dev 0.9539

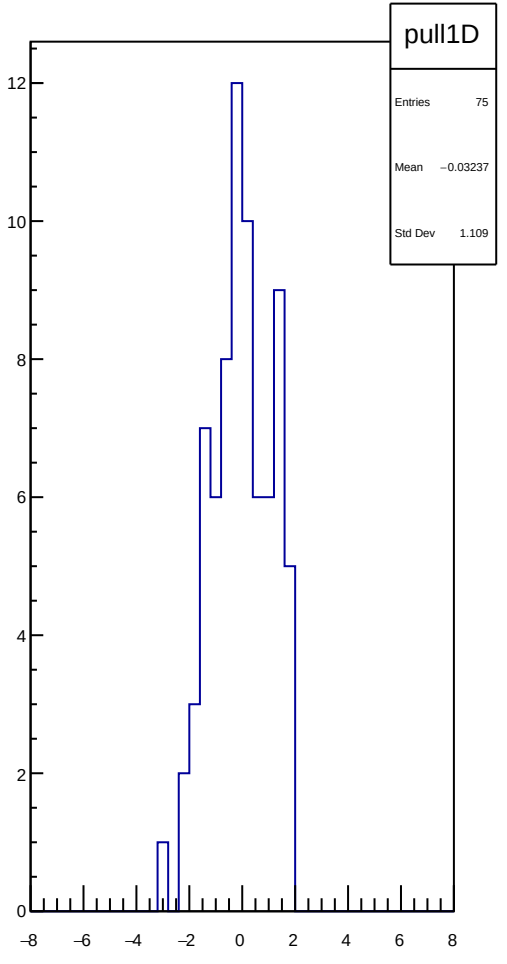

dit_asym_sam_37_dd_rms vs run
χ² / ndf 4412 / 74
p0 40.42 ± 0.0332
50
48
46
44
42
40
38

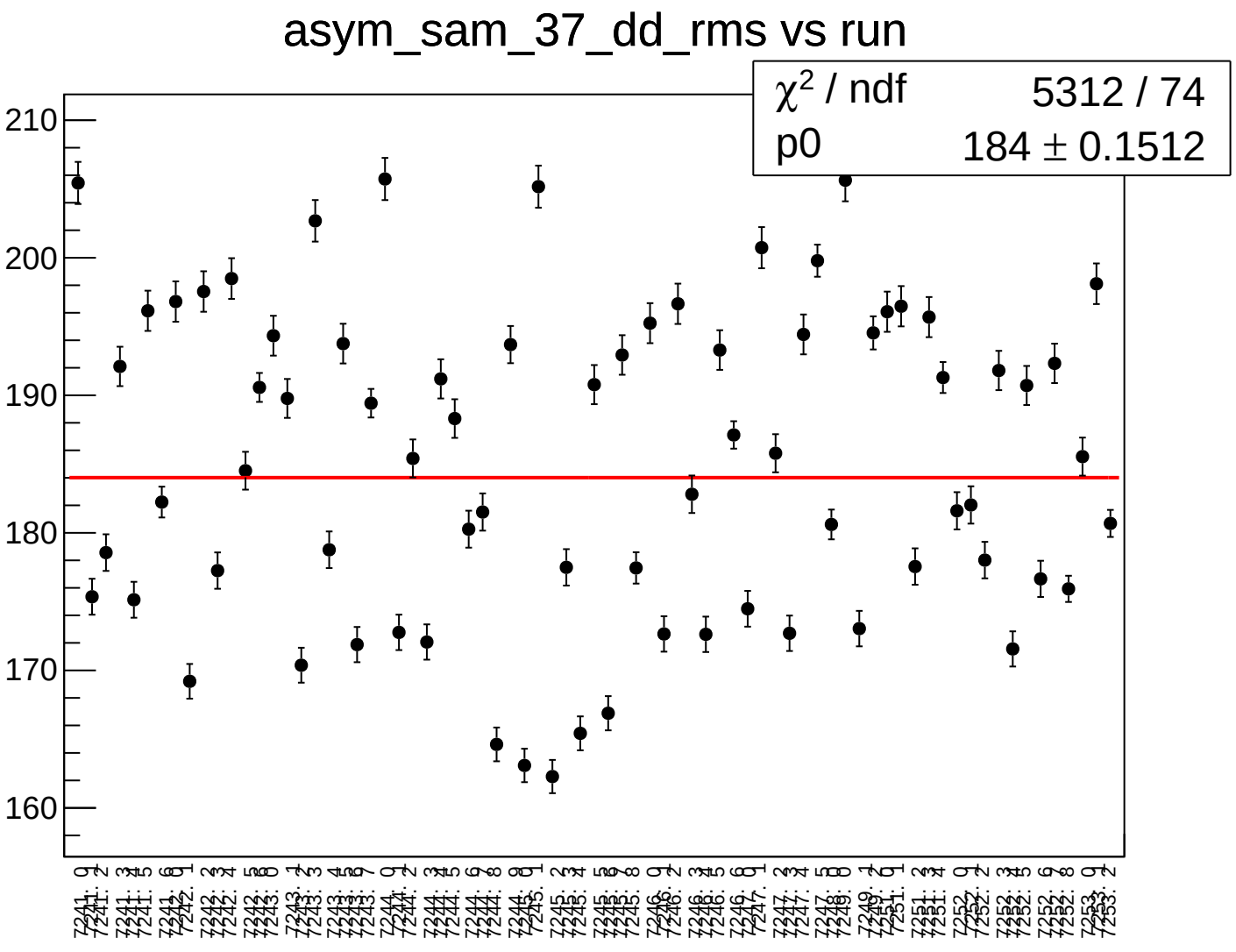

asym_sam_37_dd_correction_mean vs run
χ² / ndf 90.25 / 74
p0 −413.8 ± 202.6
pull
Entries 75
Mean 60.83
Std Dev 40.68

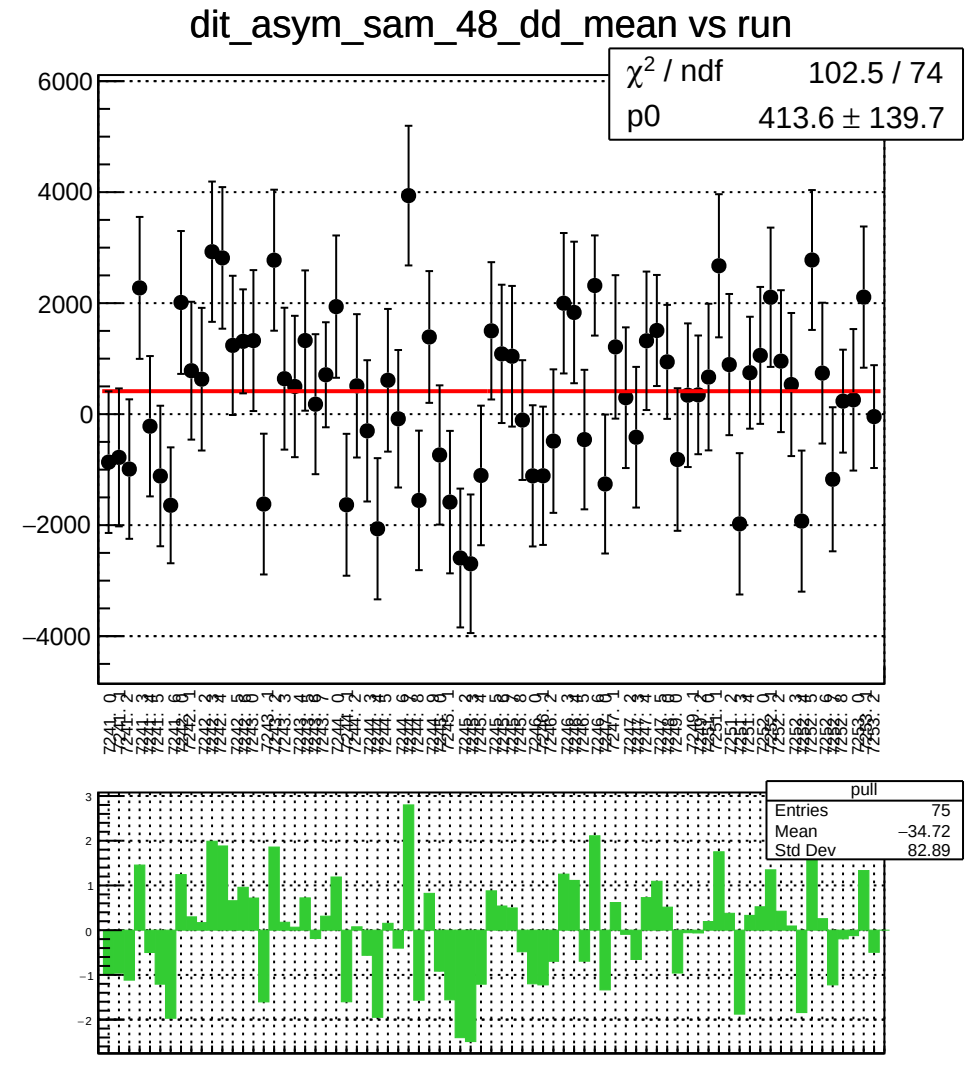

pull1D
Entries 75
Mean 0.02946
Std Dev 1.097

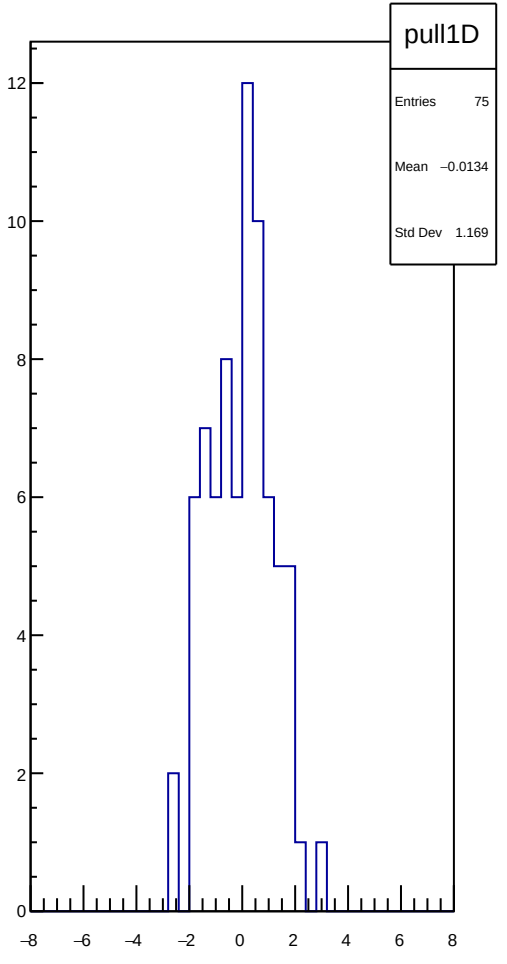

asym_sam_37_dd_correction_rms vs run
χ² / ndf 3224 / 74
p0 174.5 ± 0.1433
195
190
185
180
175
170
165
160
155

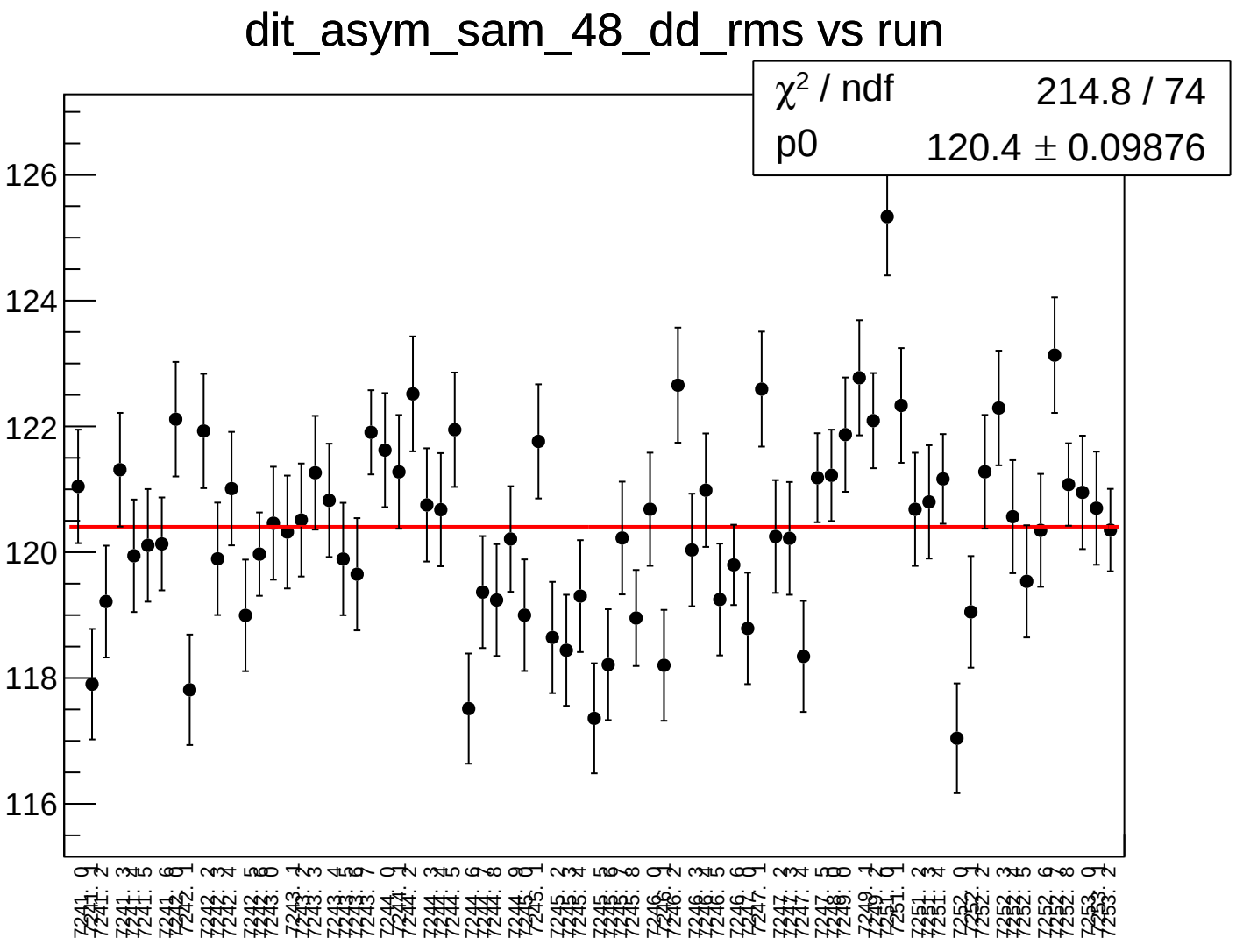

asym_sam_37_dd_mean vs run
χ² / ndf 92.27 / 74
p0 424 ± 213.8
pull
Entries 75
Mean 47.46
Std Dev 38.86

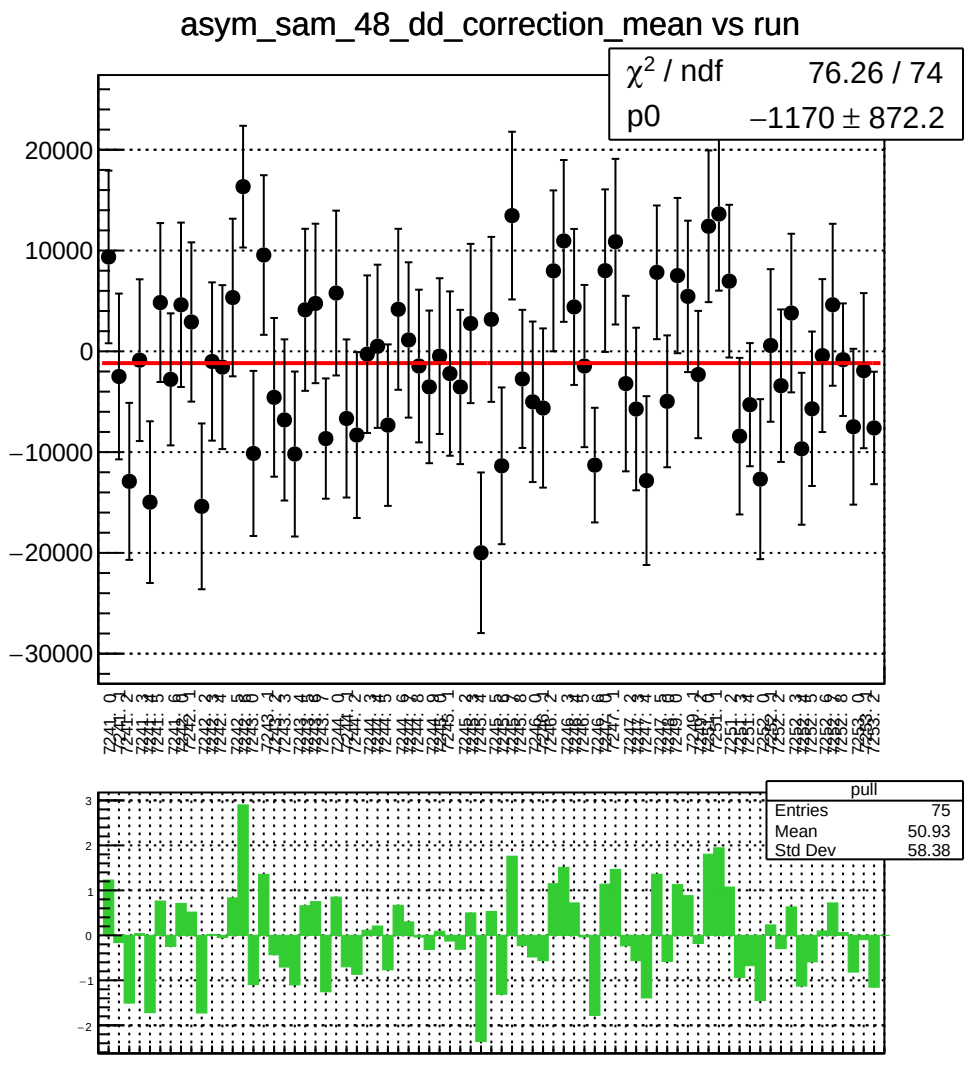

pull1D
Entries 75
Mean −0.03237
Std Dev 1.109

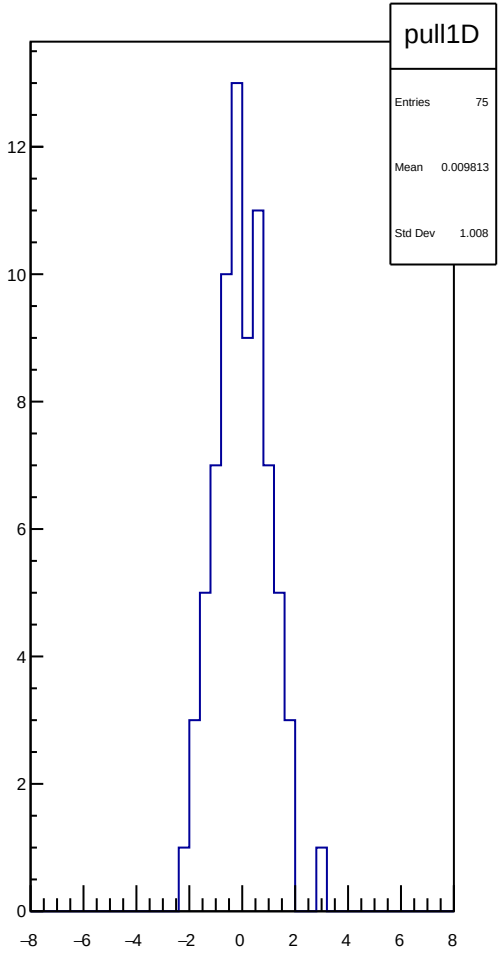

asym_sam_37_dd_rms vs run
χ² / ndf 5312 / 74
p0 184 ± 0.1512
210
200
190
180
170
160

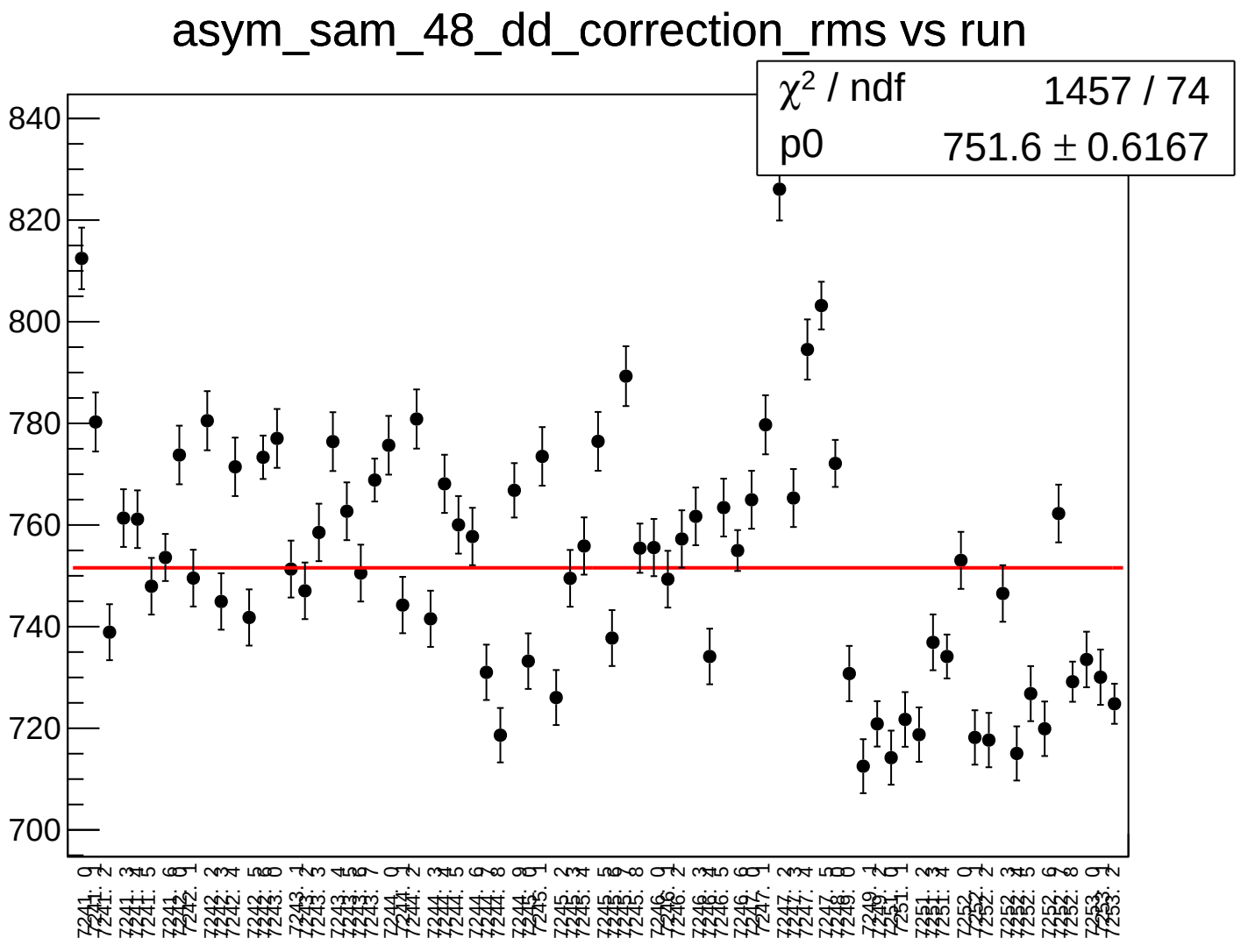

dit_asym_sam_48_dd_mean vs run
χ² / ndf 102.5 / 74
p0 413.6 ± 139.7
6000
4000
2000
0
−2000
−4000
pull
Entries 75
Mean −34.72
Std Dev 82.89
3
2
1
0
−1
−2

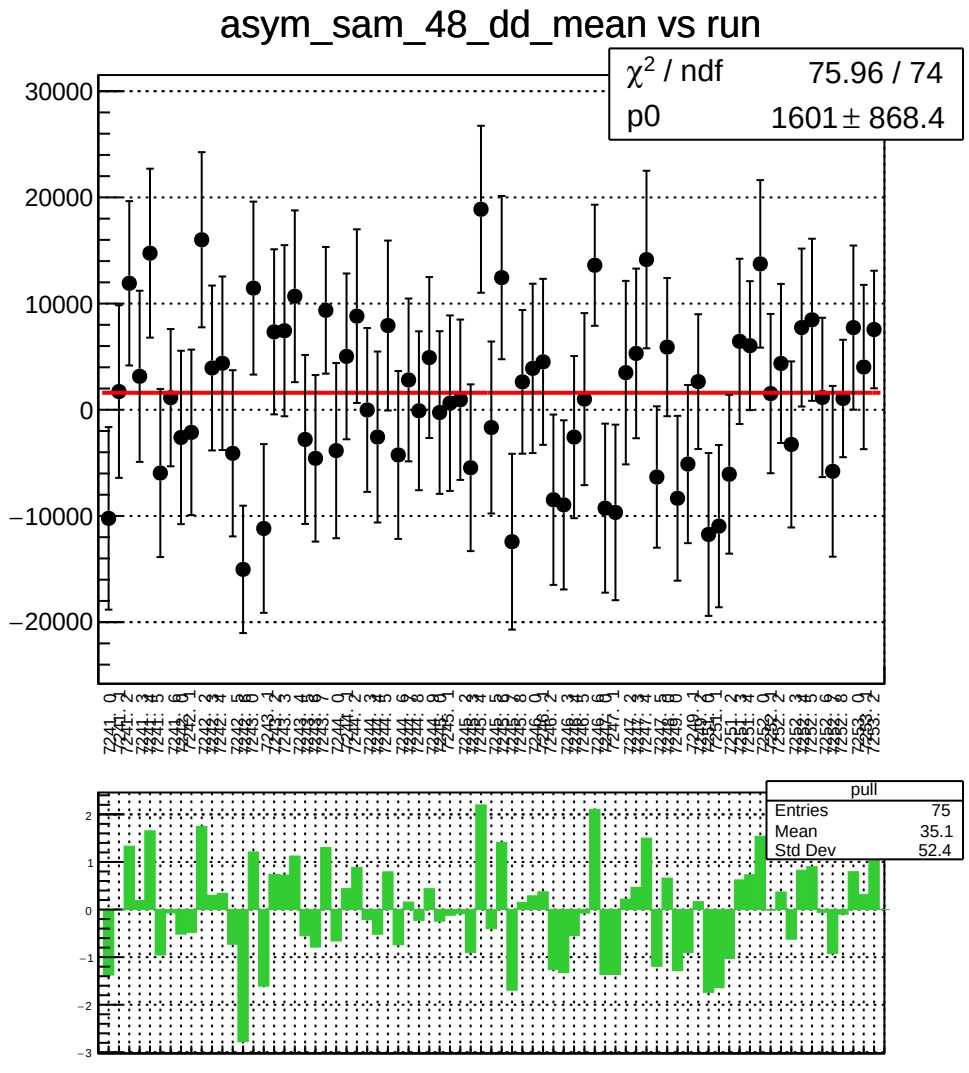

pull1D
Entries 75
Mean −0.0134
Std Dev 1.169
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

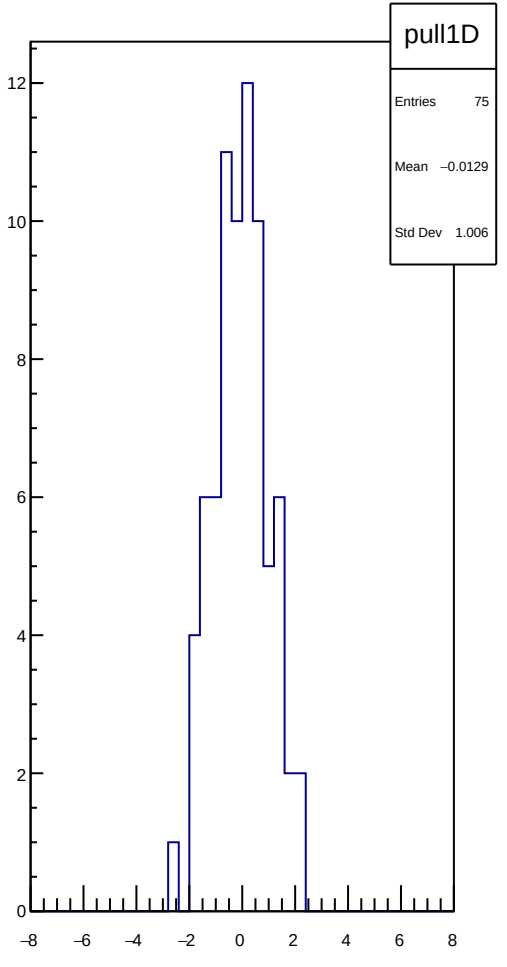

dit_asym_sam_48_dd_rms vs run
χ² / ndf 214.8 / 74
p0 120.4 ± 0.09876
126
124
122
120
118
116

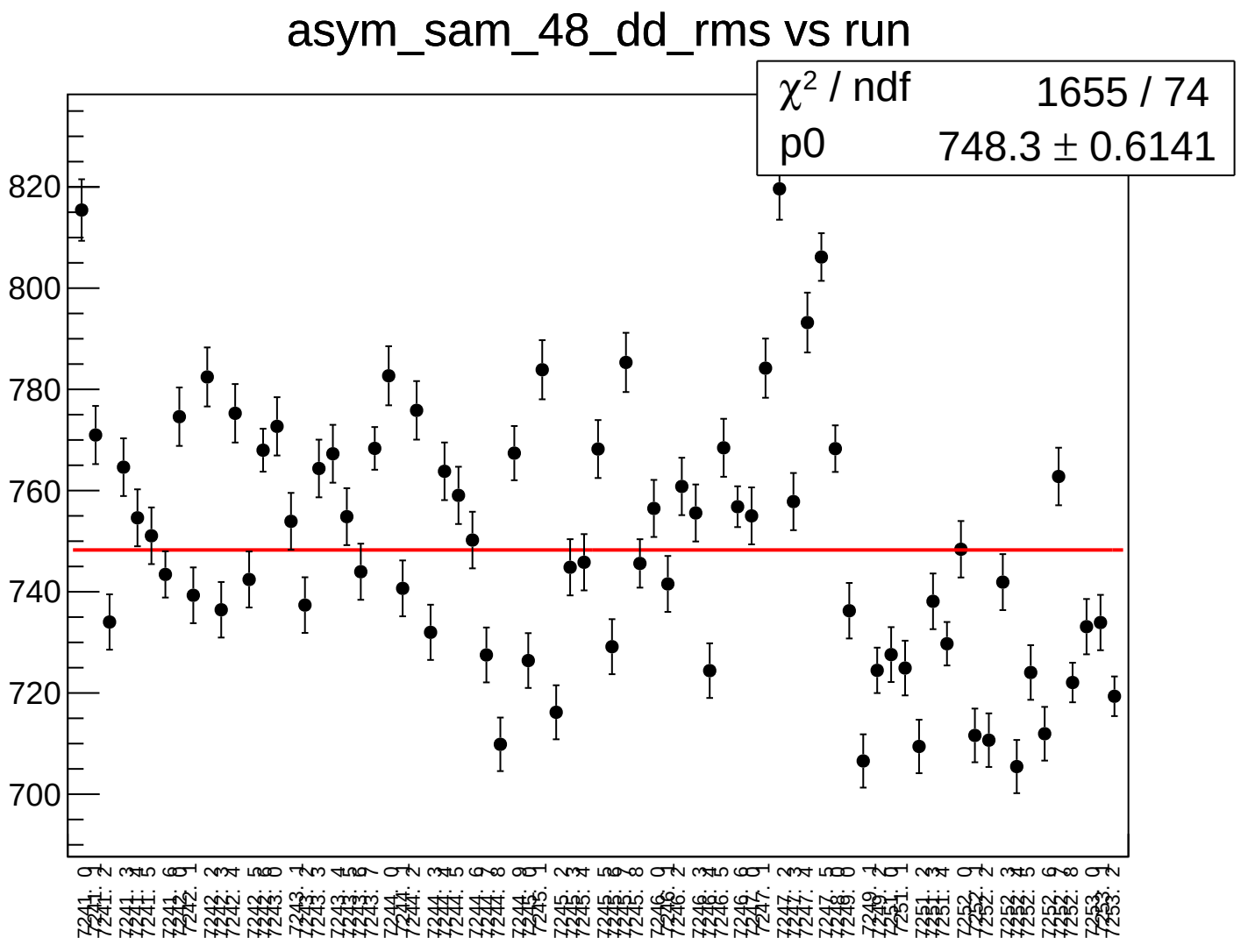

asym_sam_48_dd_correction_mean vs run
χ² / ndf 76.26 / 74
p0 −1170 ± 872.2
20000
10000
0
−10000
−20000
−30000
pull
Entries 75
Mean 50.93
Std Dev 58.38
3
2
1
0
−1
−2

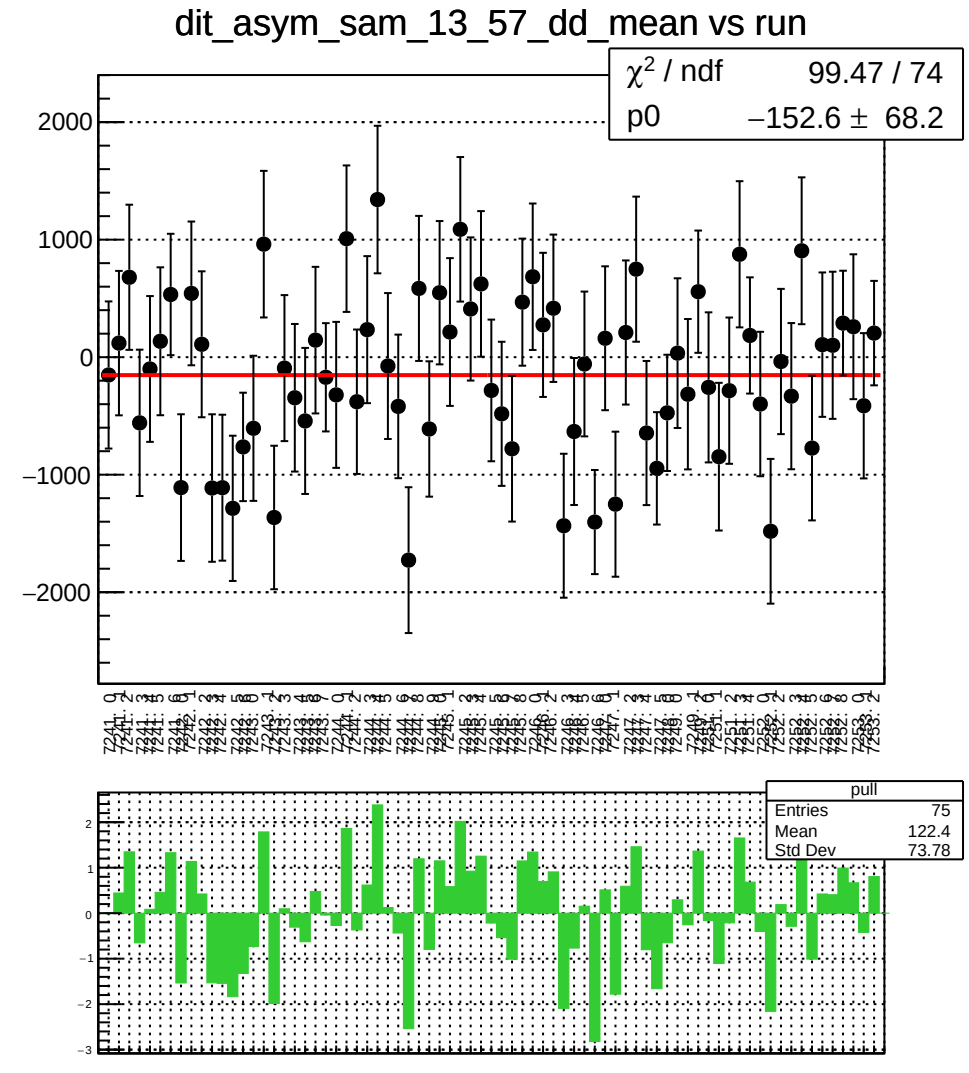

pull1D
Entries 75
Mean 0.009813
Std Dev 1.008
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

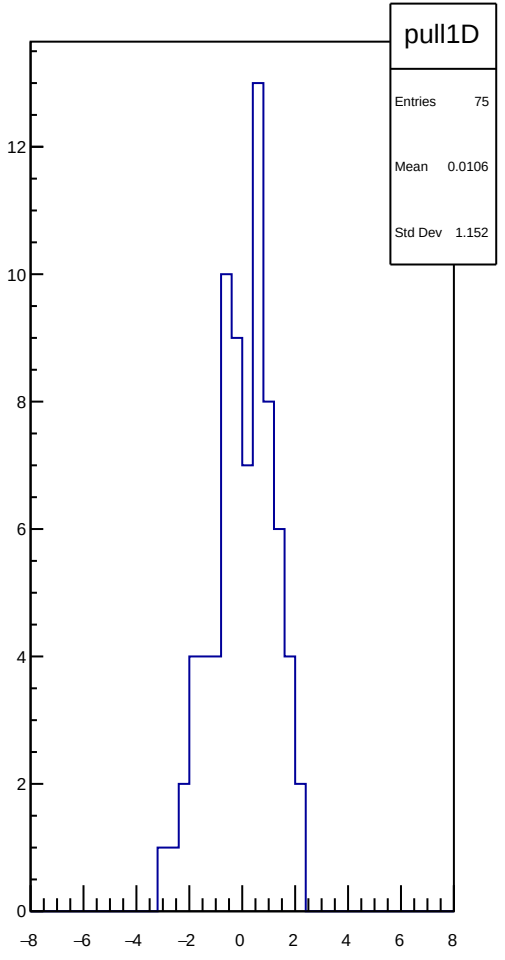

asym_sam_48_dd_correction_rms vs run
χ² / ndf 1457 / 74
p0 751.6 ± 0.6167
840
820
800
780
760
740
720
700

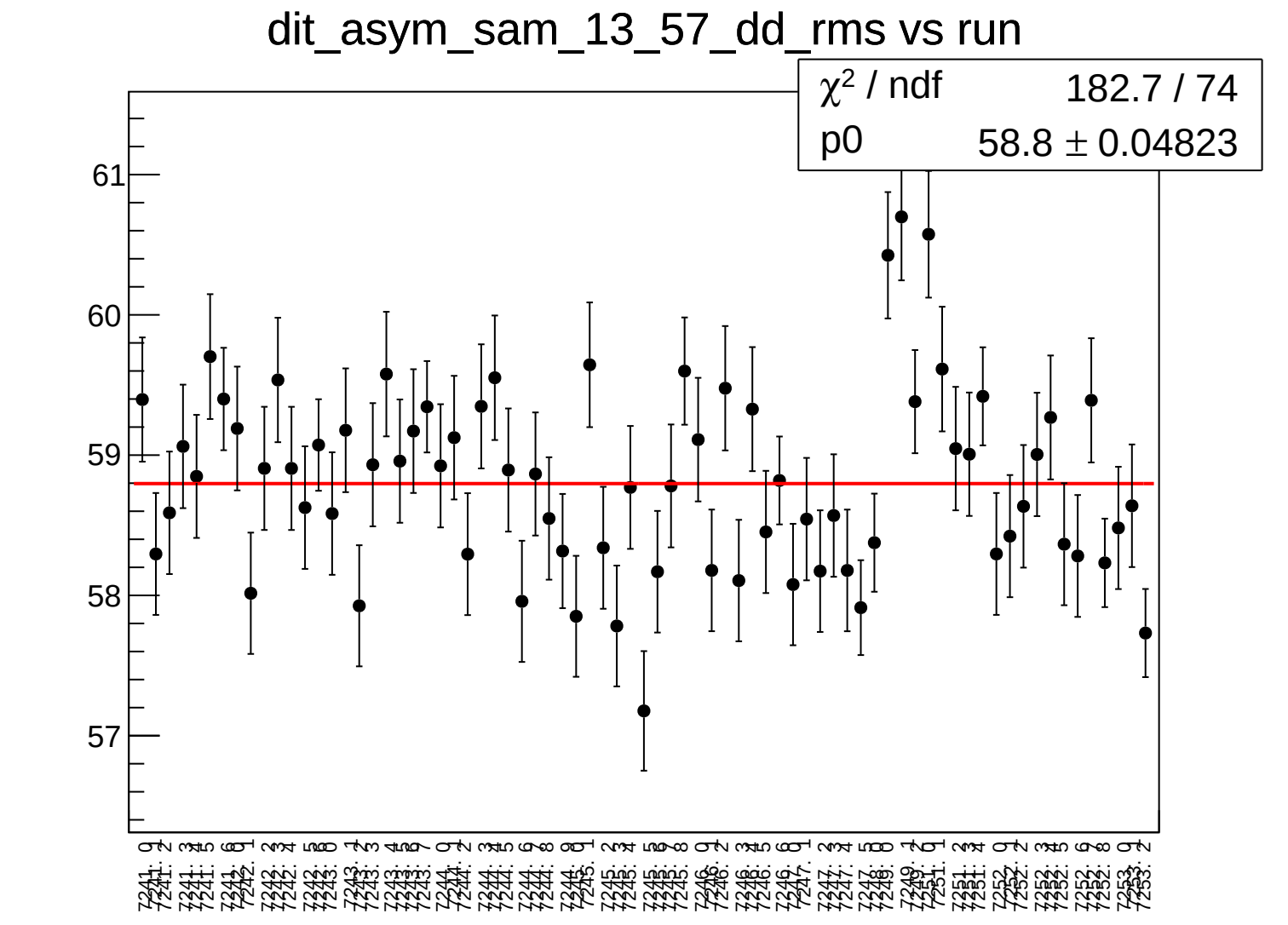

asym_sam_48_dd_mean vs run
χ^2 / ndf 75.96 / 74
p0 1601 ± 868.4
pull
Entries 75
Mean 35.1
Std Dev 52.4

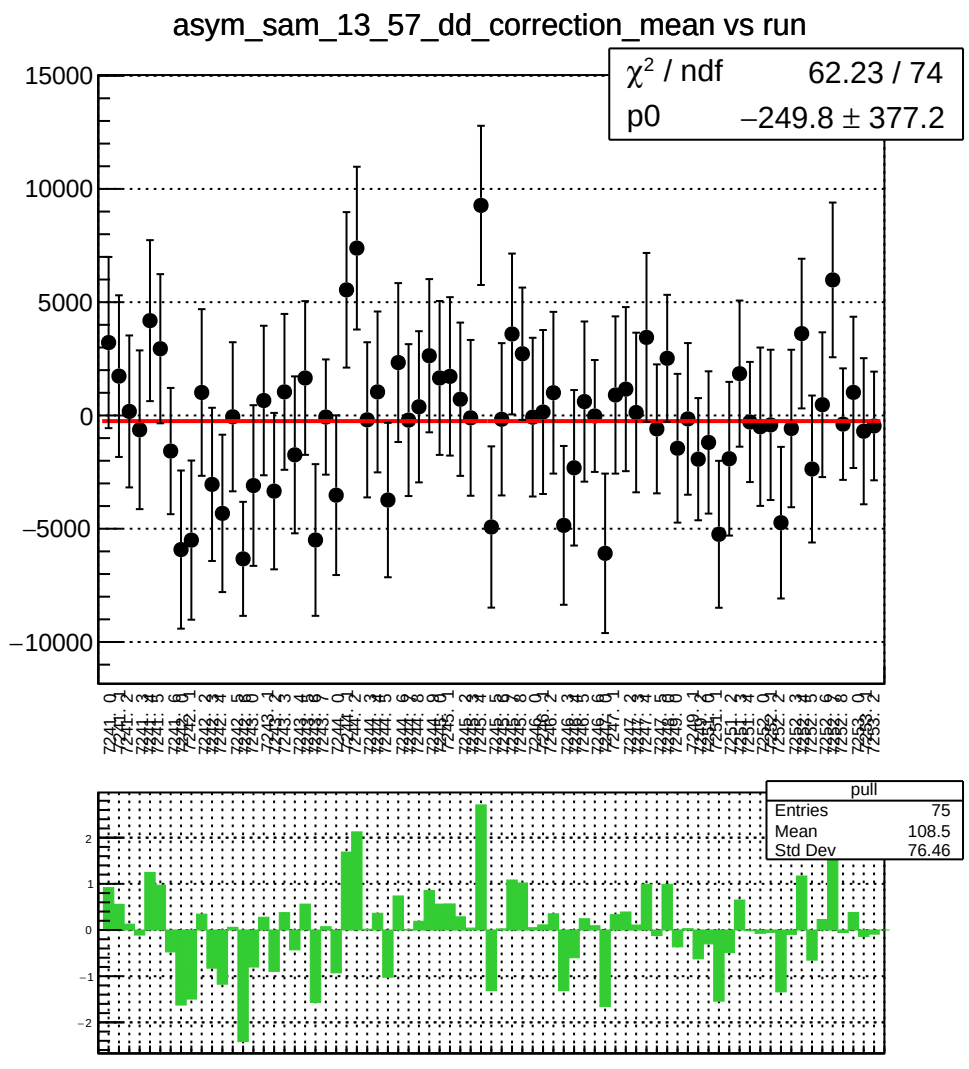

pull1D
Entries 75
Mean −0.0129
Std Dev 1.006

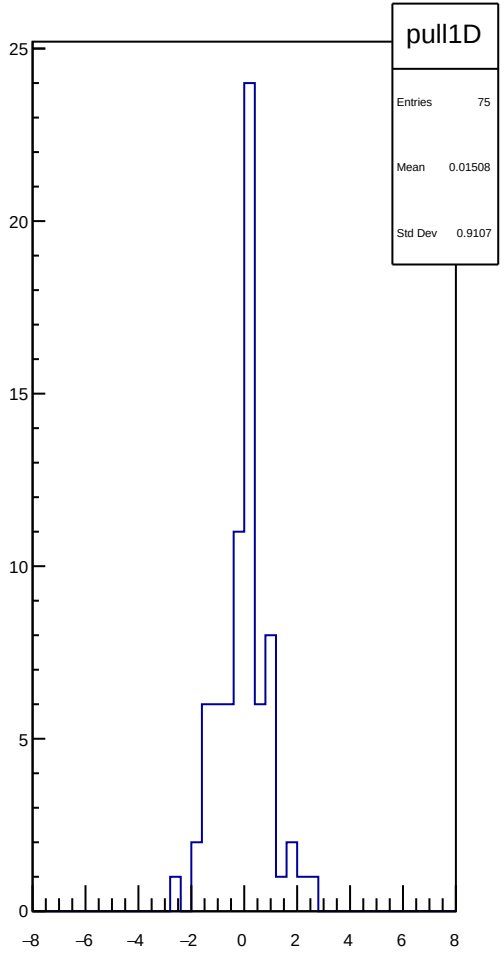

asym_sam_48_dd_rms vs run
χ² / ndf 1655 / 74
p0 748.3 ± 0.6141
820
800
780
760
740
720
700

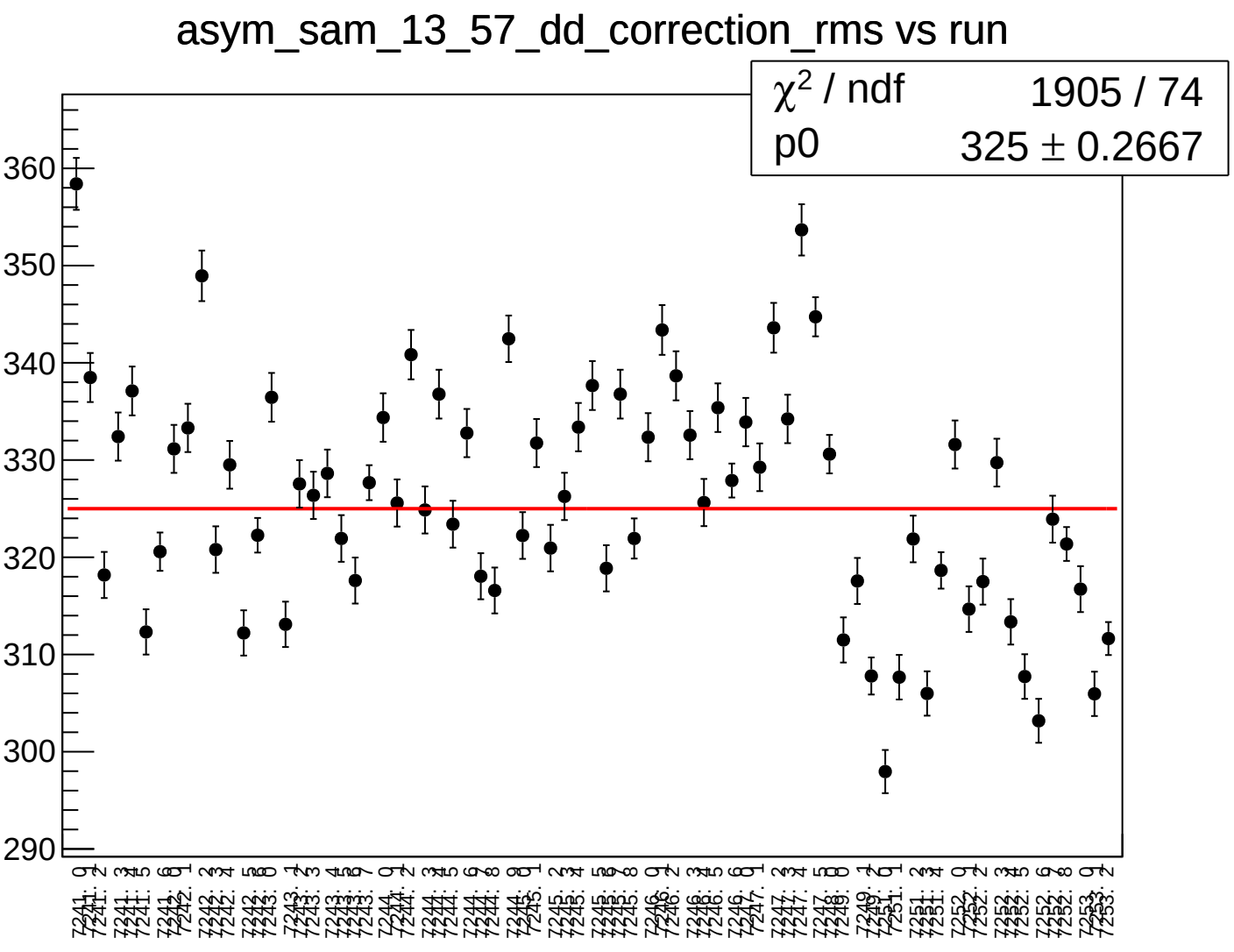

dit_asym_sam_13_57_dd_mean vs run
χ² / ndf 99.47 / 74
p0 −152.6 ± 68.2
2000
1000
0
−1000
−2000
pull
Entries 75
Mean 122.4
Std Dev 73.78
2
1
0
−1
−2
−3

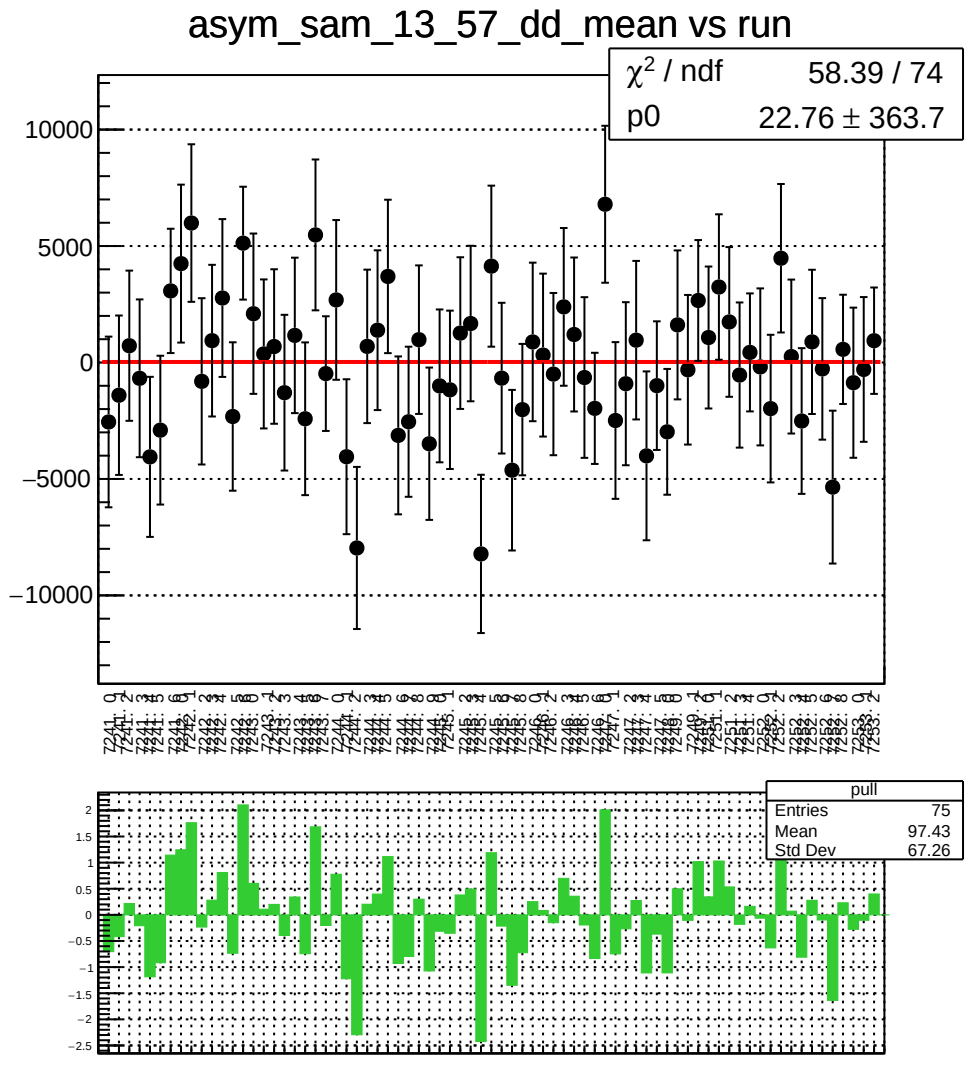

pull1D
Entries 75
Mean 0.0106
Std Dev 1.152
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

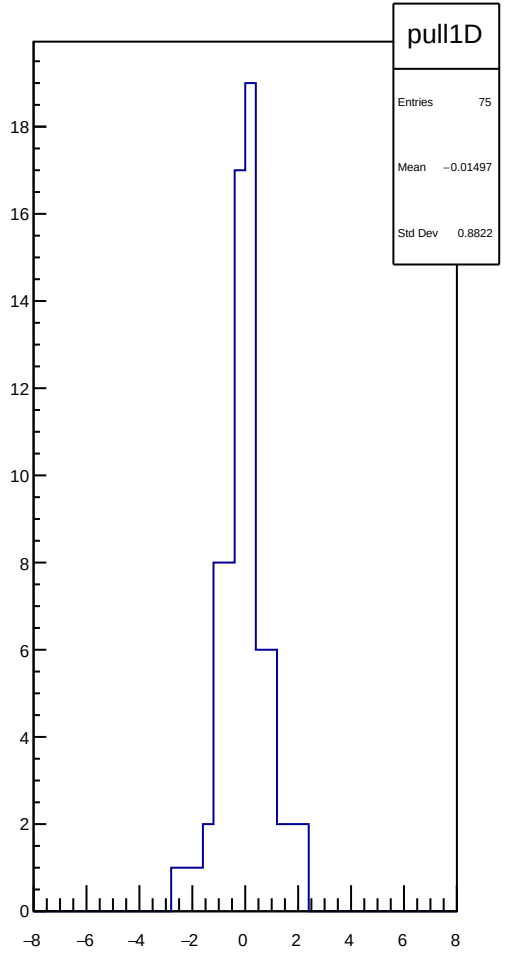

dit_asym_sam_13_57_dd_rms vs run
χ² / ndf 182.7 / 74
p0 58.8 ± 0.04823
61
60
59
58
57

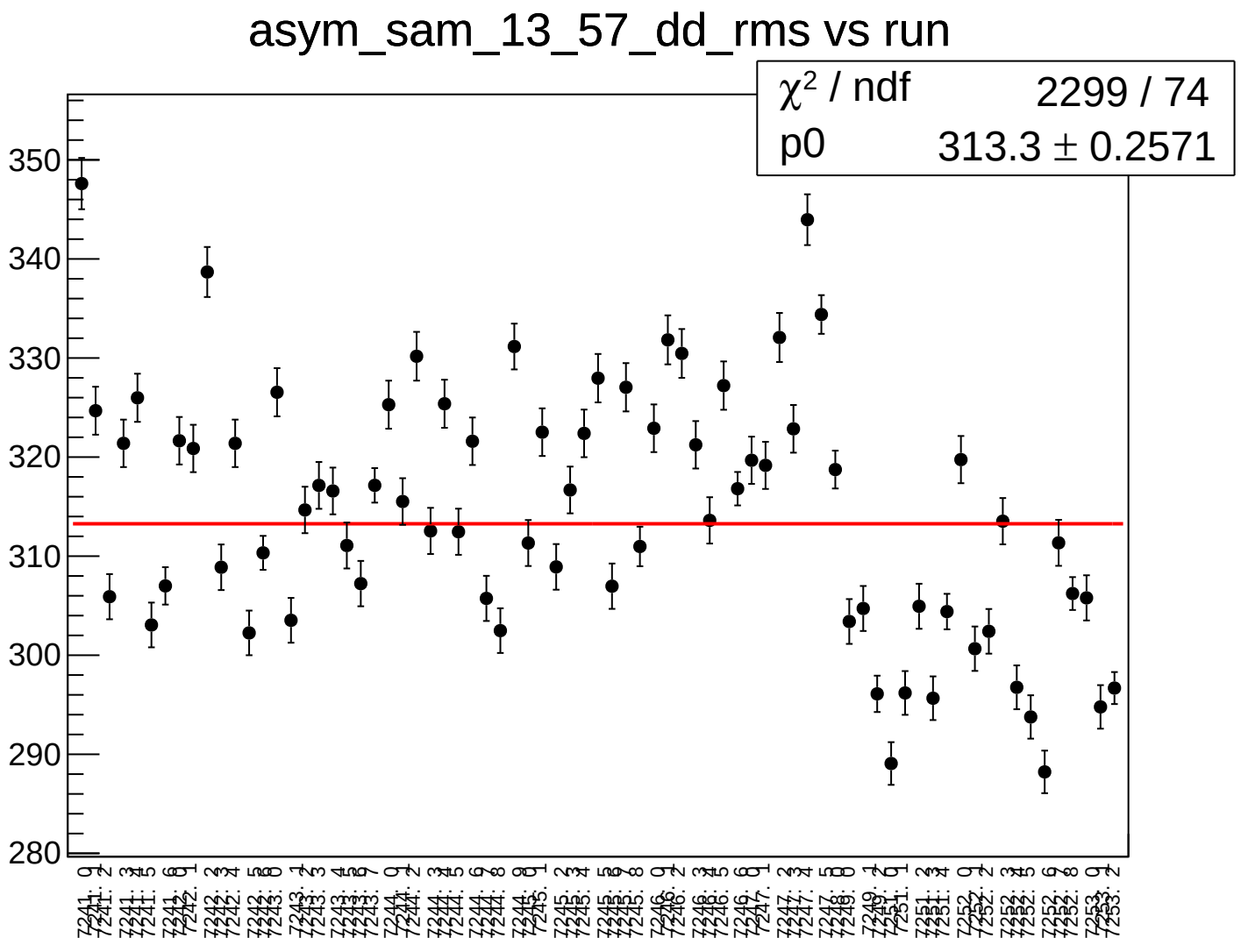

asym_sam_13_57_dd_correction_mean vs run
χ² / ndf 62.23 / 74
p0 −249.8 ± 377.2
pull
Entries 75
Mean 108.5
Std Dev 76.46

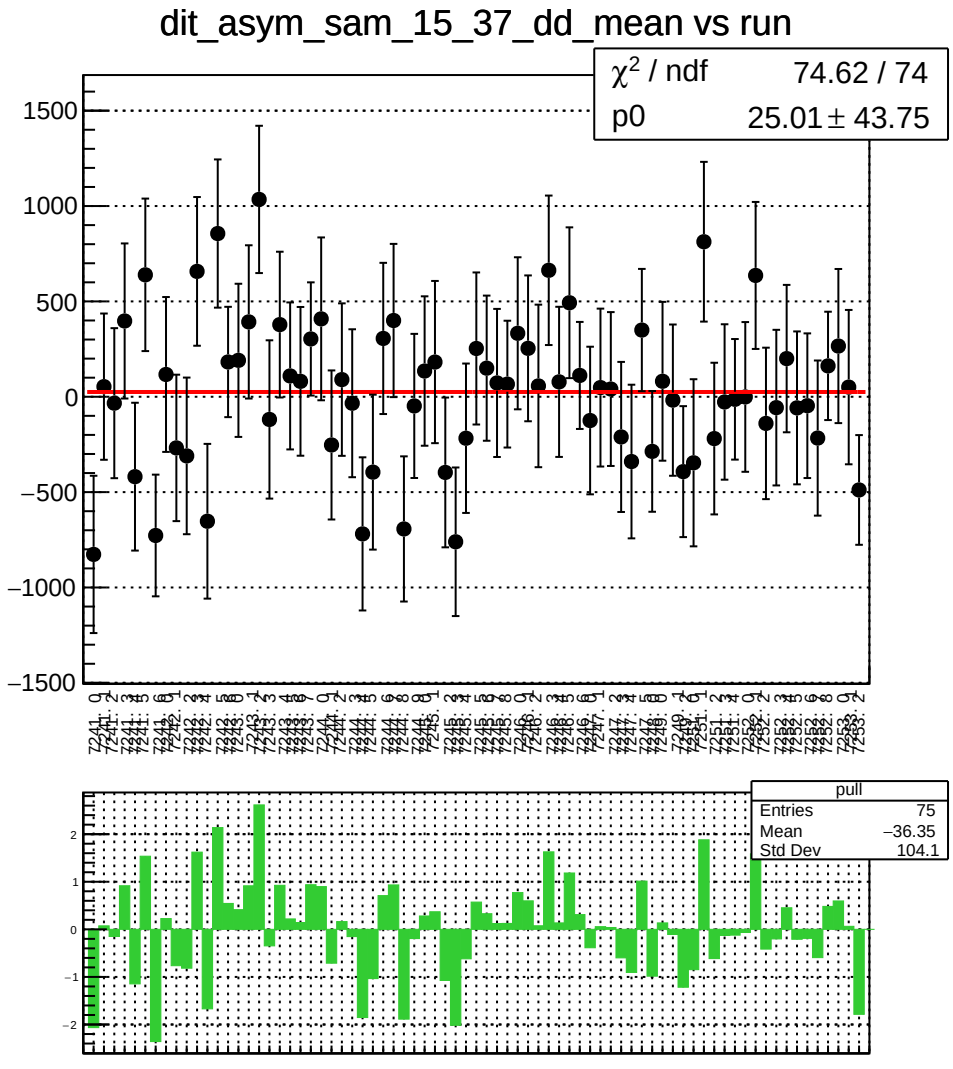

pull1D
Entries 75
Mean 0.01508
Std Dev 0.9107

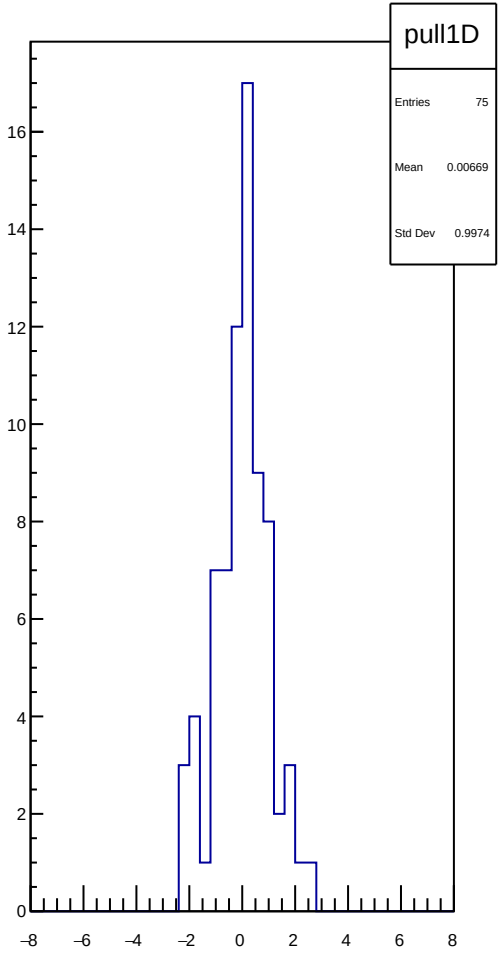

asym_sam_13_57_dd_correction_rms vs run
χ^2 / ndf 1905 / 74
p0 325 ± 0.2667
360
350
340
330
320
310
300
290

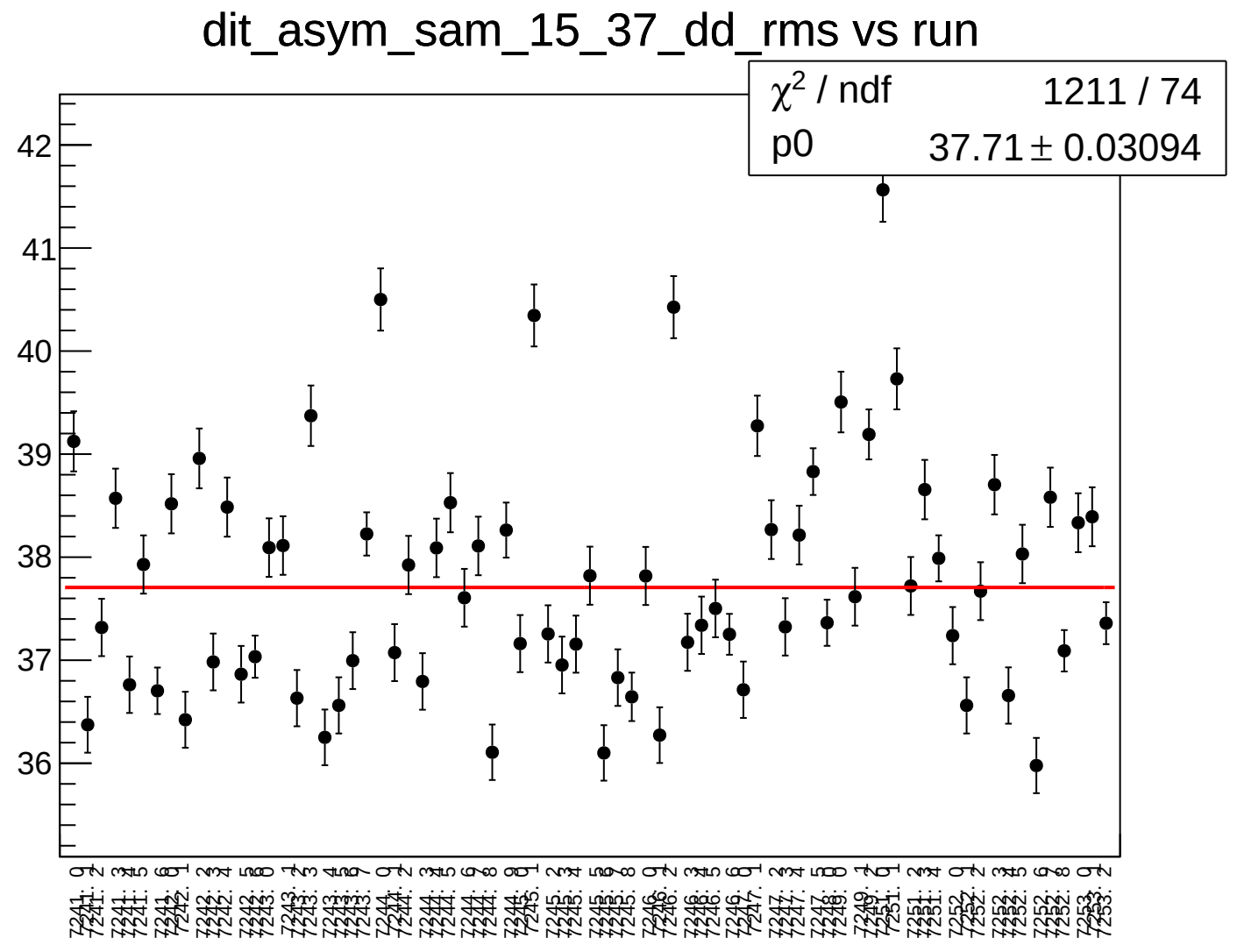

asym_sam_13_57_dd_mean vs run
χ² / ndf 58.39 / 74
p0 22.76 ± 363.7
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 97.43
Std Dev 67.26
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

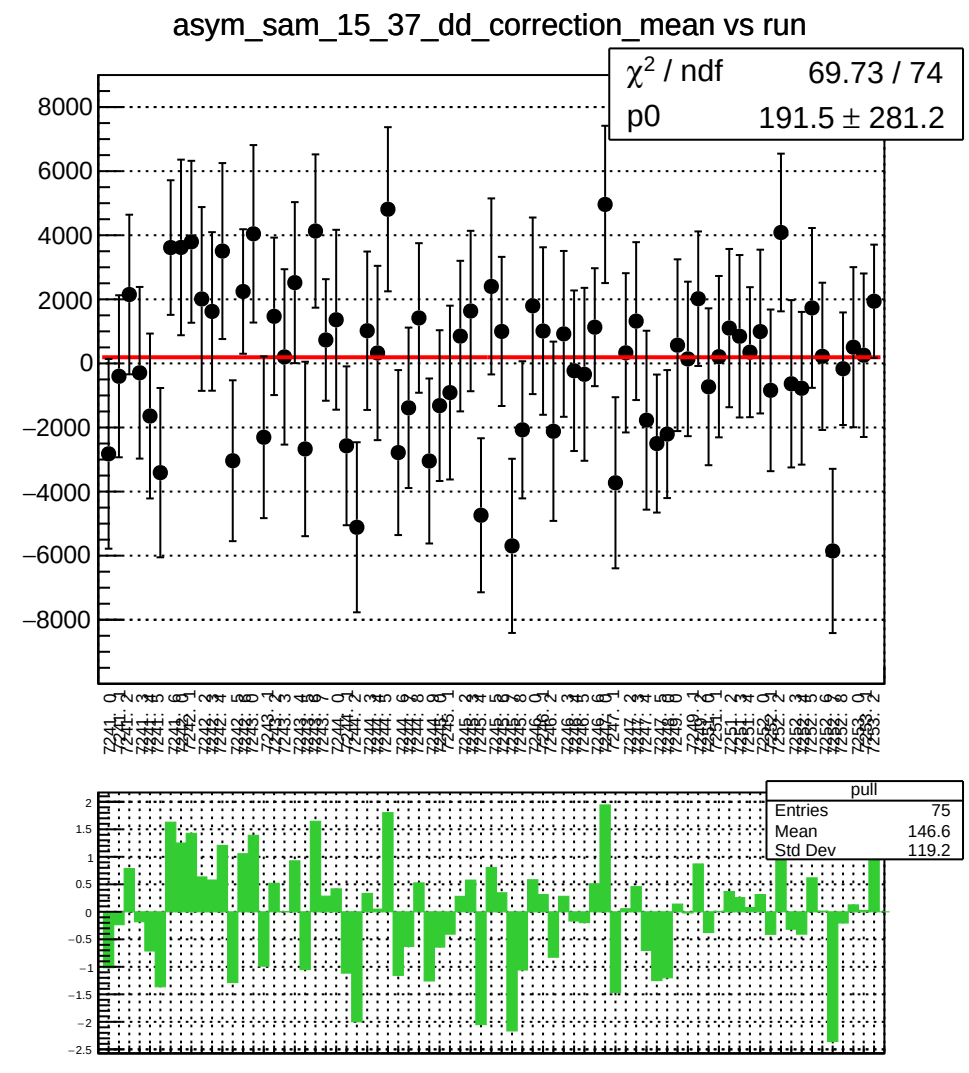

pull1D
Entries 75
Mean −0.01497
Std Dev 0.8822
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

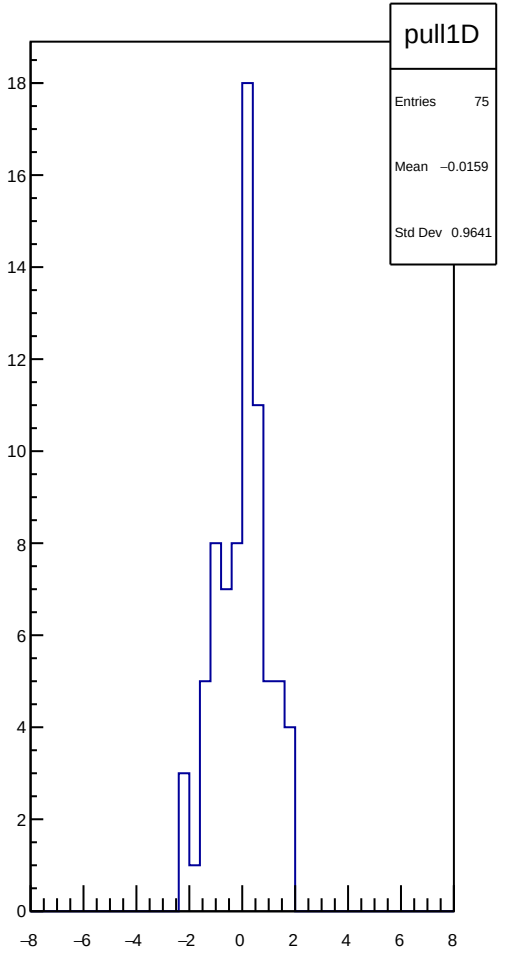

asym_sam_13_57_dd_rms vs run
χ² / ndf 2299 / 74
p0 313.3 ± 0.2571
350
340
330
320
310
300
290
280

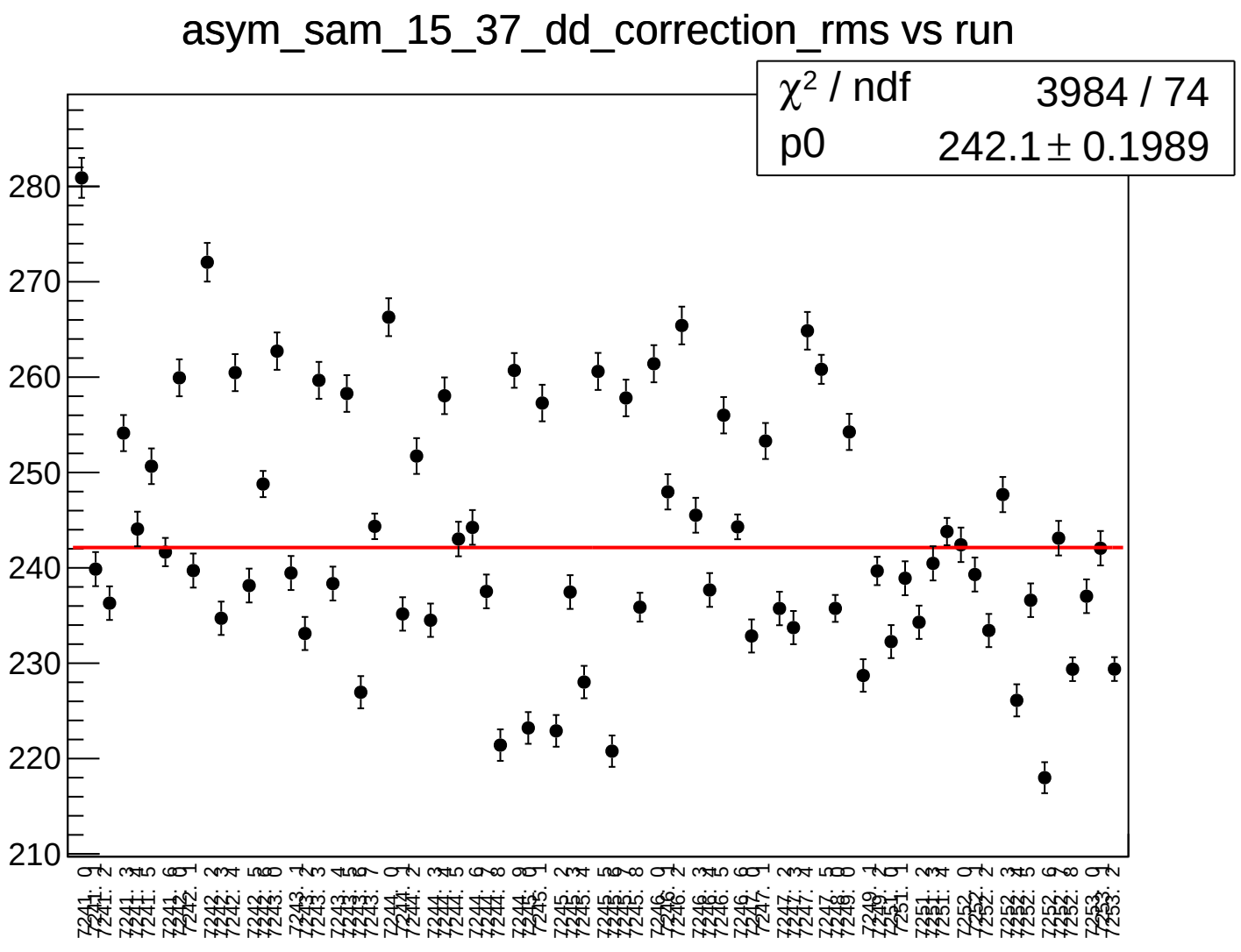

dit_asym_sam_15_37_dd_mean vs run
χ² / ndf 74.62 / 74
p0 25.01 ± 43.75
pull
Entries 75
Mean −36.35
Std Dev 104.1

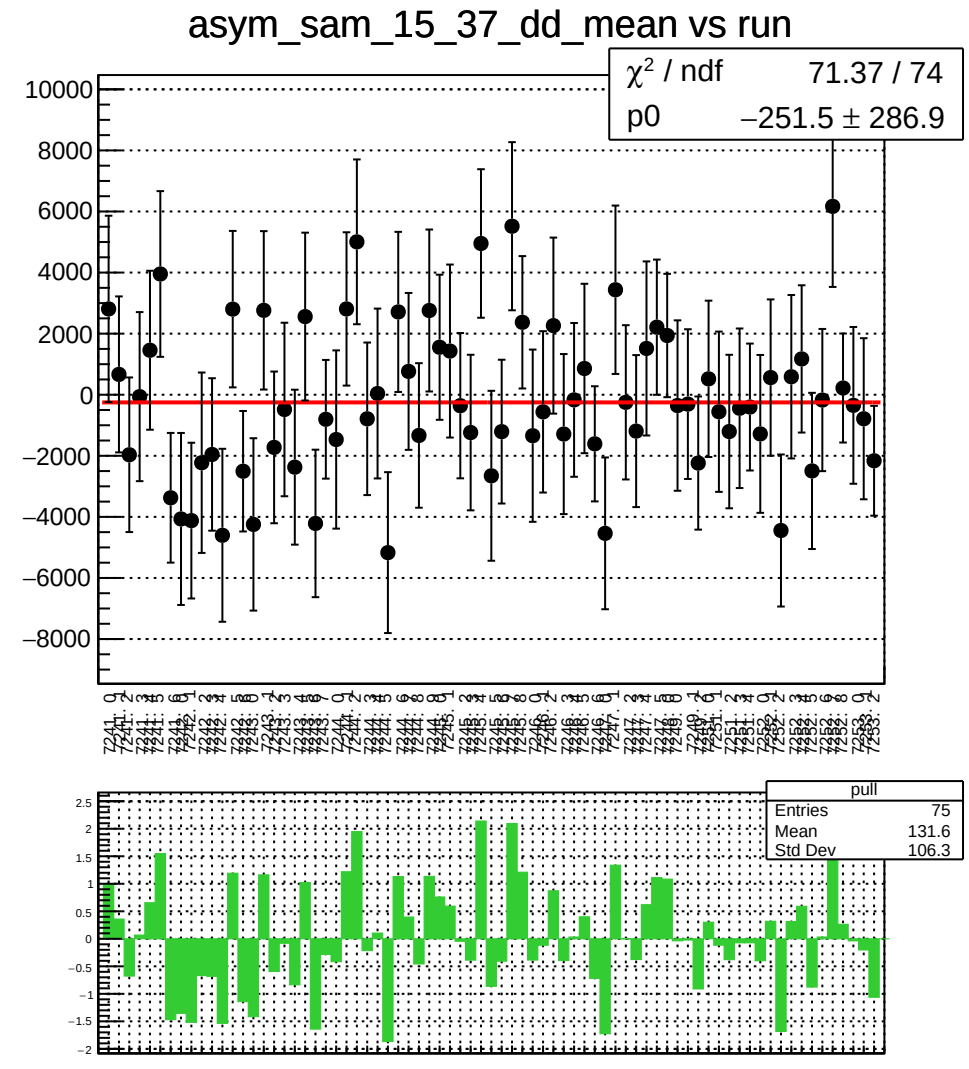

pull1D
Entries 75
Mean 0.00669
Std Dev 0.9974

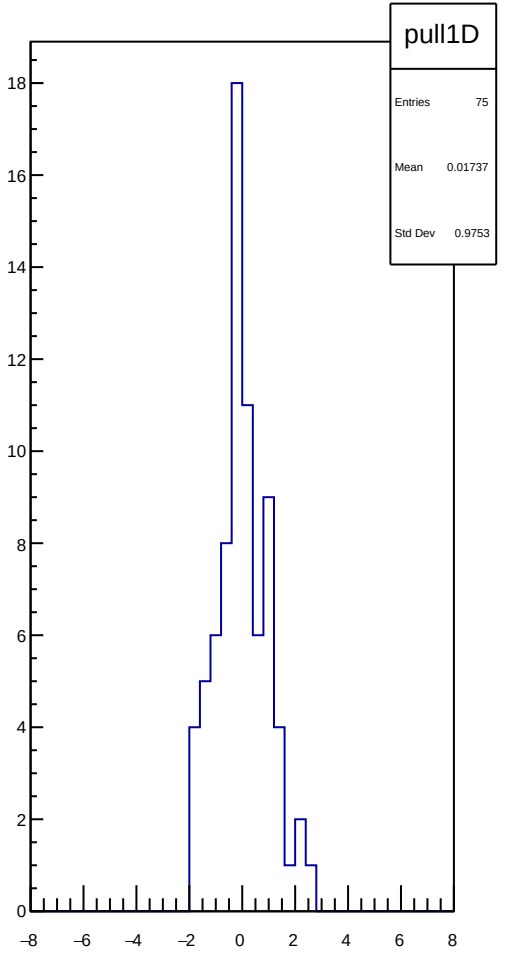

dit_asym_sam_15_37_dd_rms vs run
χ^2 / ndf 1211 / 74
p0 37.71 ± 0.03094
42
41
40
39
38
37
36

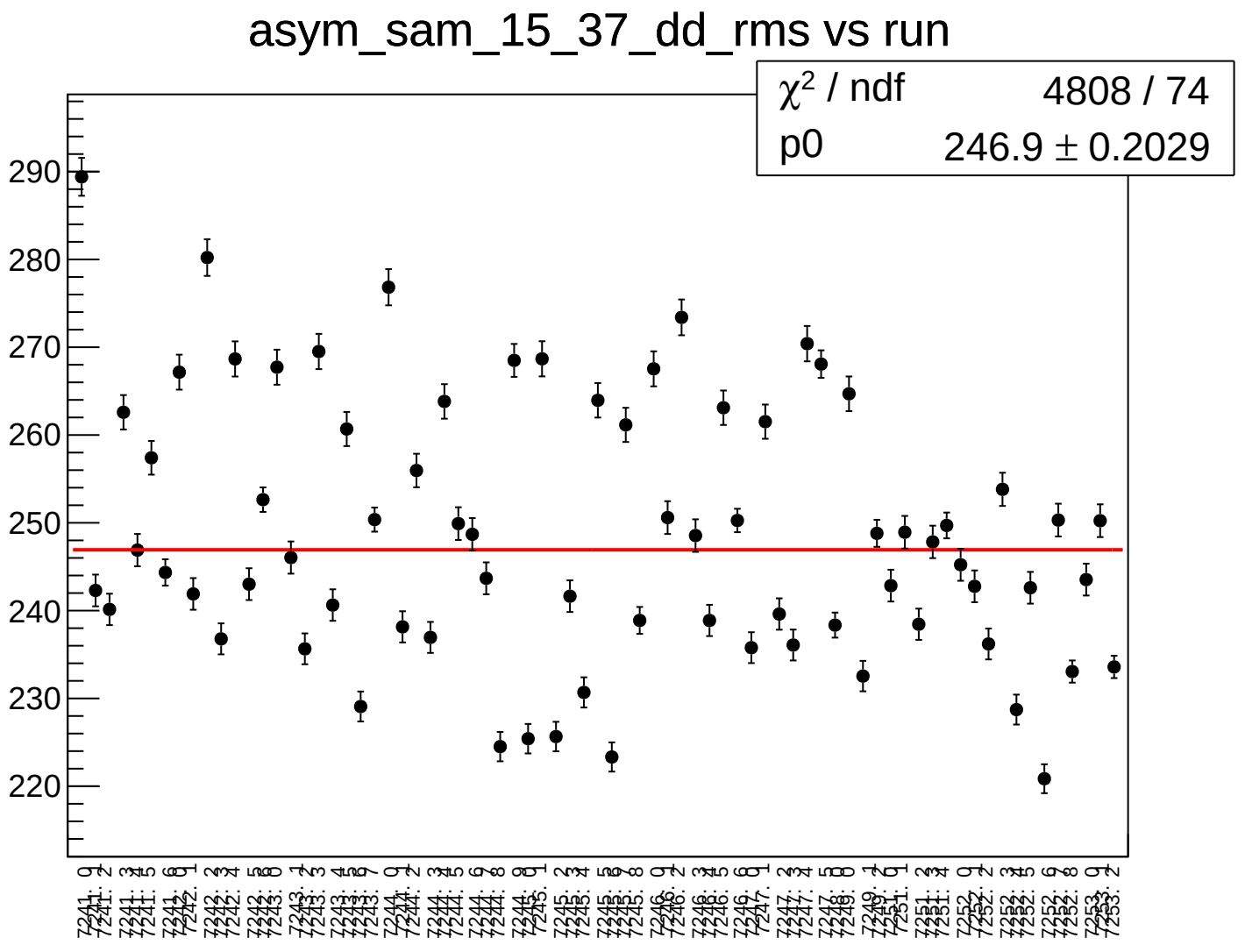

asym_sam_15_37_dd_correction_mean vs run
χ² / ndf 69.73 / 74
p0 191.5 ± 281.2
pull
Entries 75
Mean 146.6
Std Dev 119.2

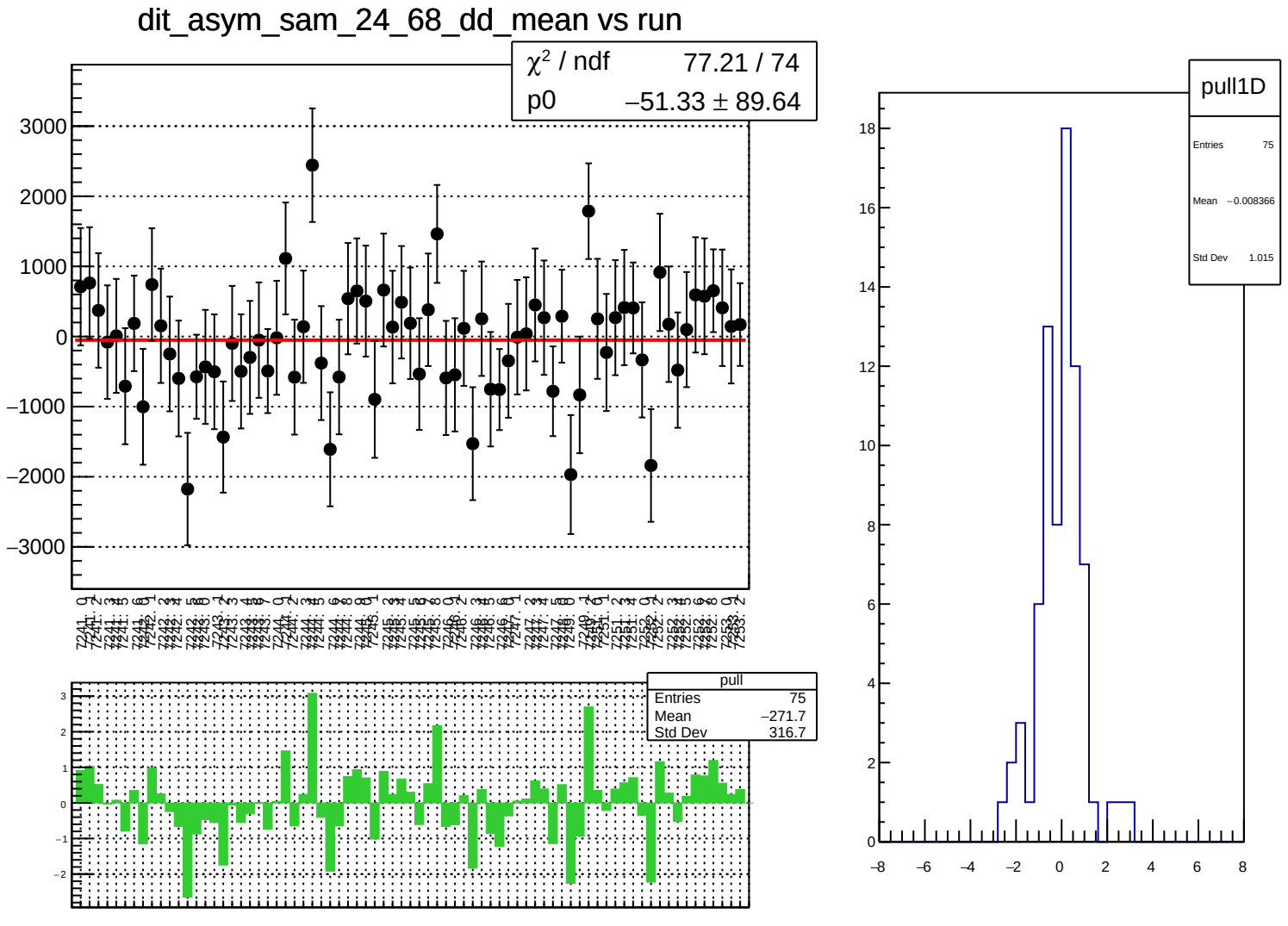

pull1D
Entries 75
Mean −0.0159
Std Dev 0.9641

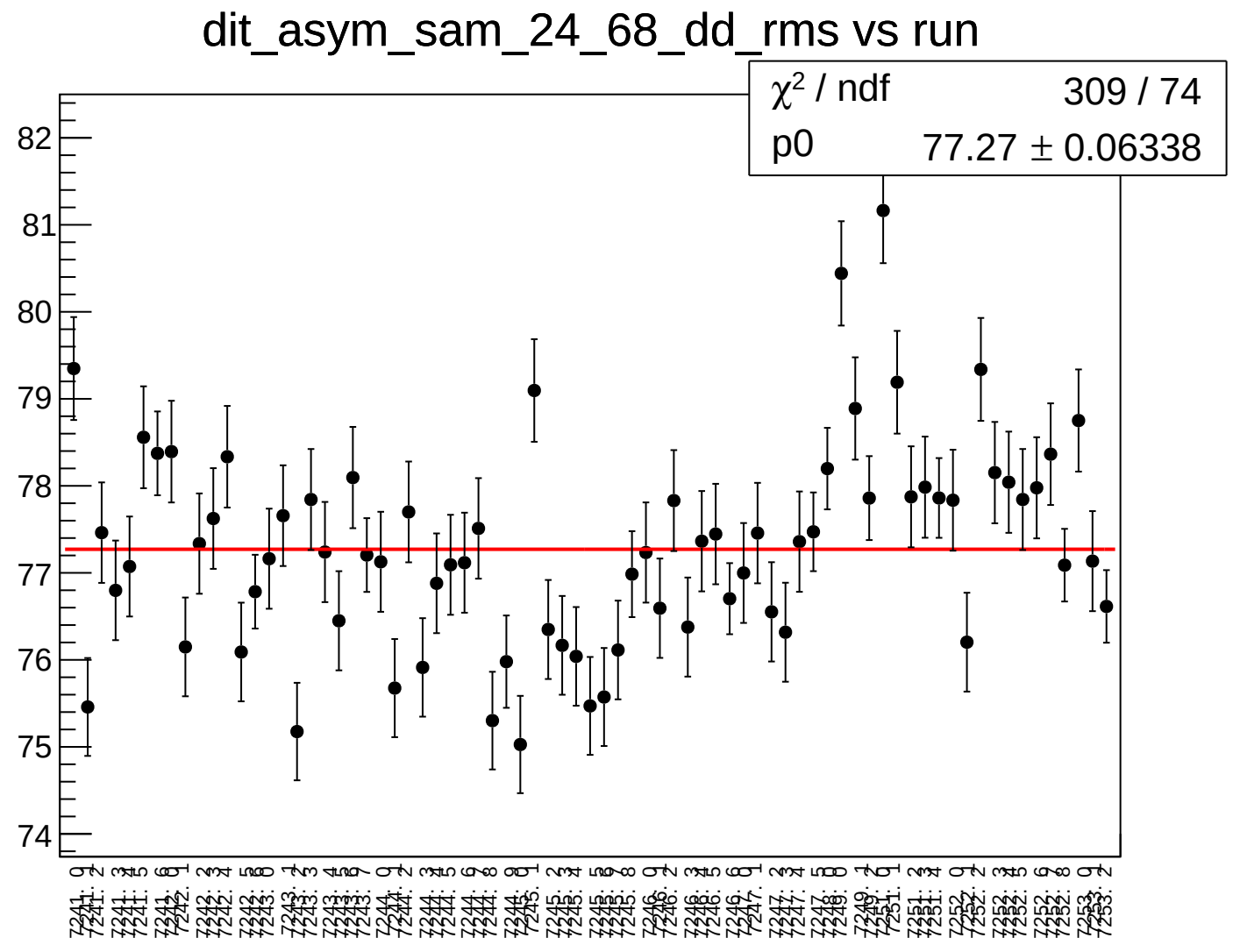

asym_sam_15_37_dd_correction_rms vs run
χ² / ndf 3984 / 74
p0 242.1 ± 0.1989
280
270
260
250
240
230
220
210

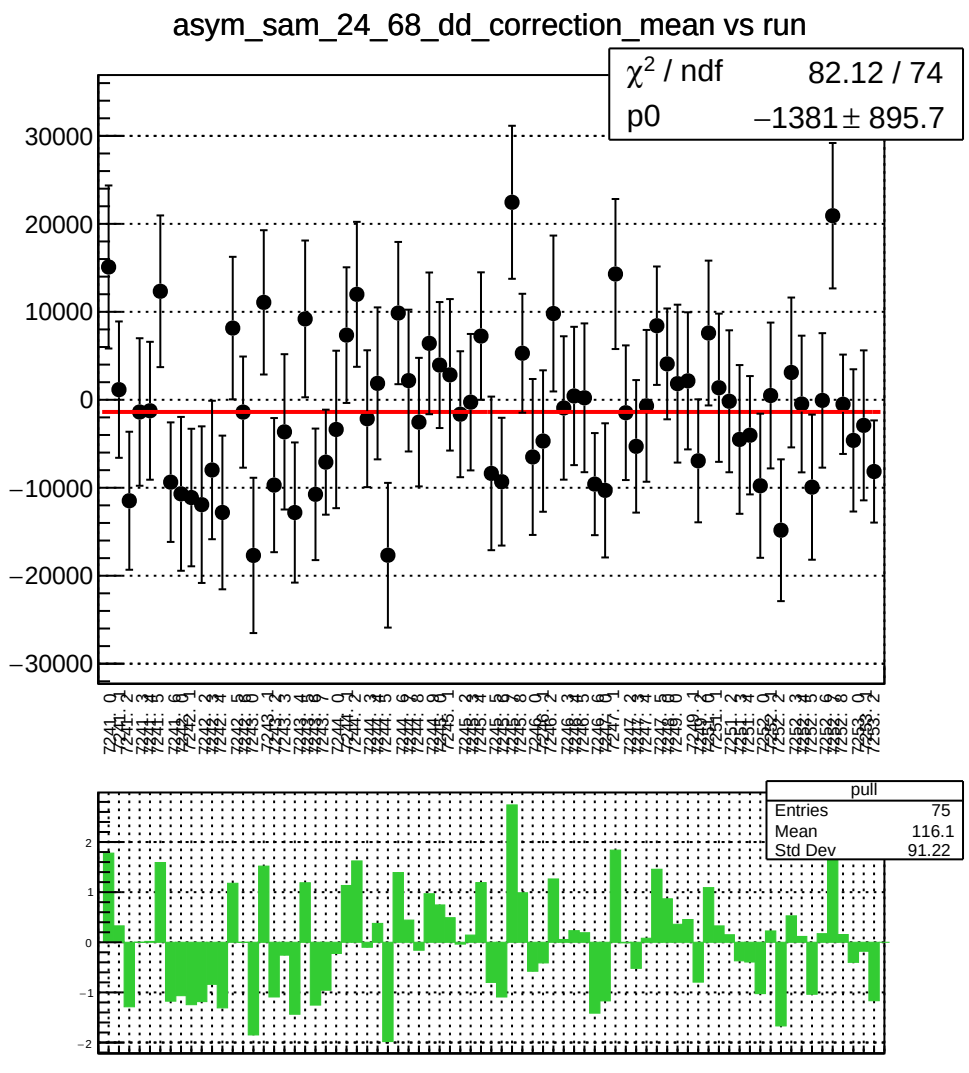

asym_sam_15_37_dd_mean vs run
χ² / ndf 71.37 / 74
p0 −251.5 ± 286.9
pull
Entries 75
Mean 131.6
Std Dev 106.3

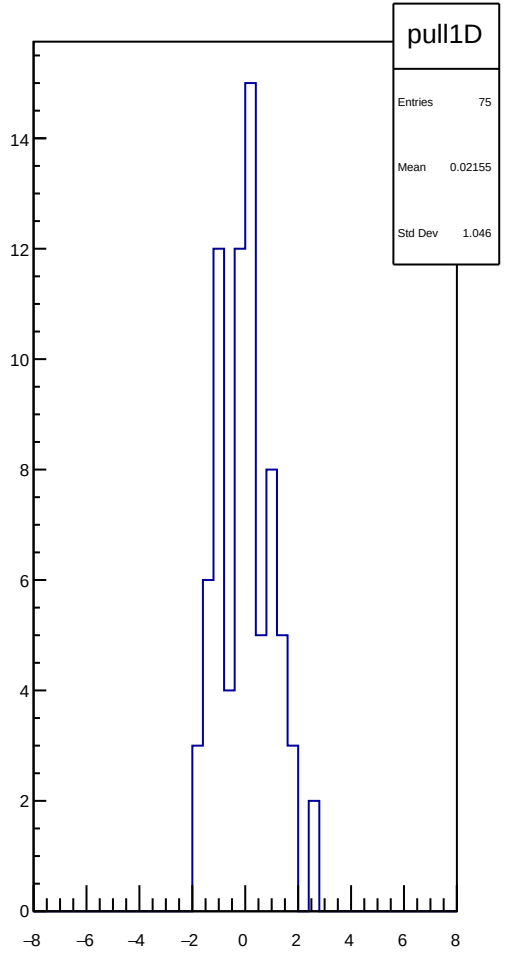

pull1D
Entries 75
Mean 0.01737
Std Dev 0.9753

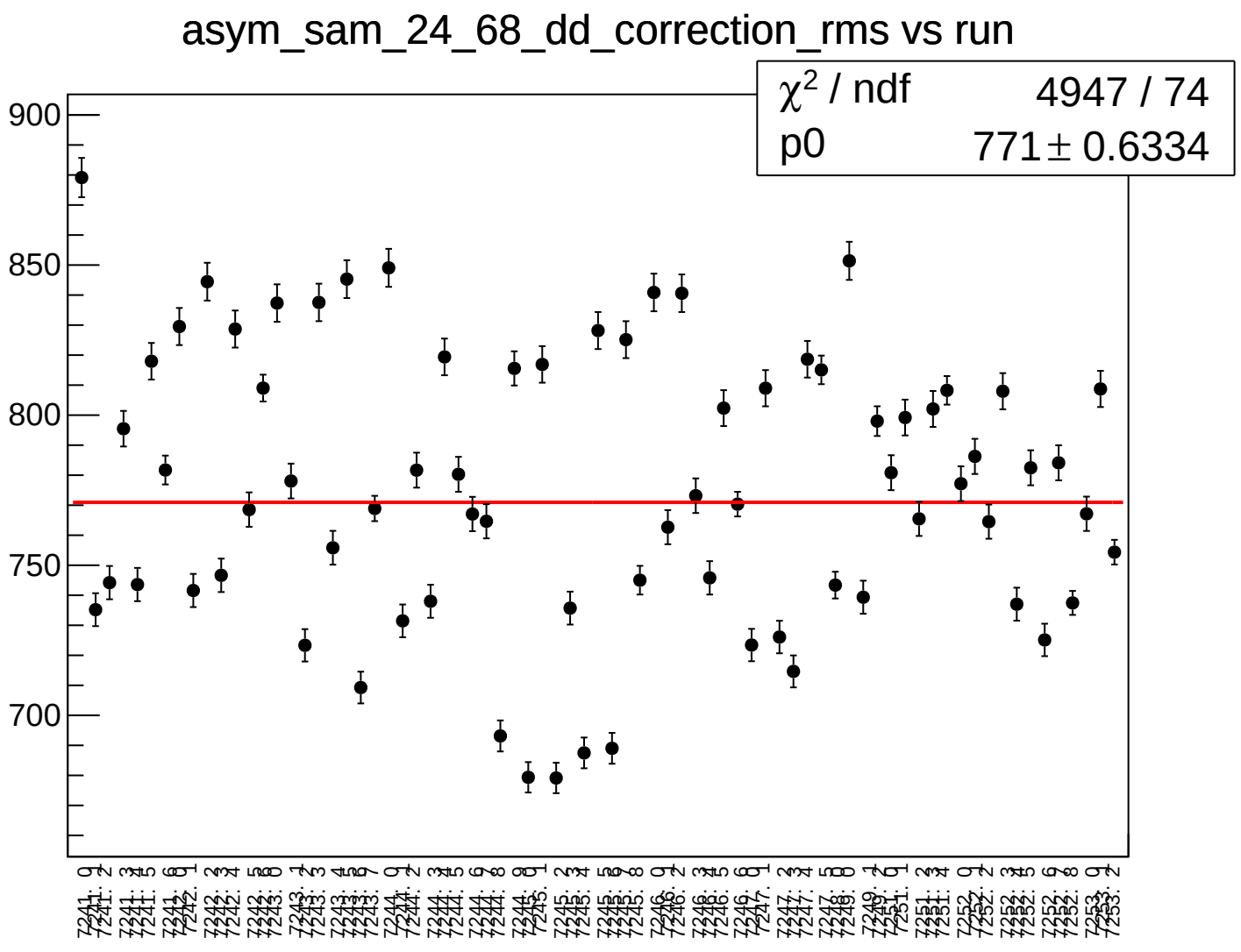

asym_sam_15_37_dd_rms vs run
χ² / ndf 4808 / 74
p0 246.9 ± 0.2029
290
280
270
260
250
240
230
220

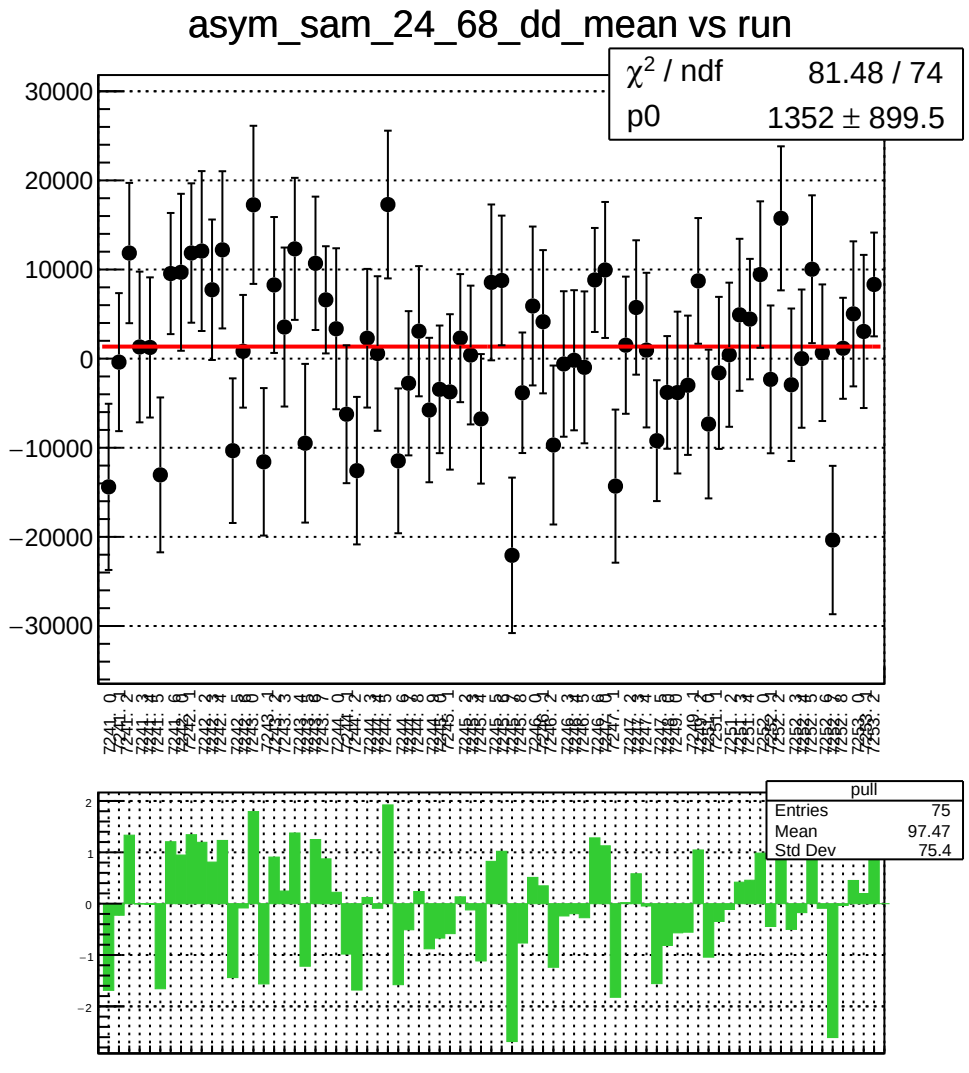

dit_asym_sam_24_68_dd_mean vs run
χ² / ndf 77.21 / 74
p0 −51.33 ± 89.64
pull
Entries 75
Mean −271.7
Std Dev 316.7
pull1D
Entries 75
Mean −0.008366
Std Dev 1.015

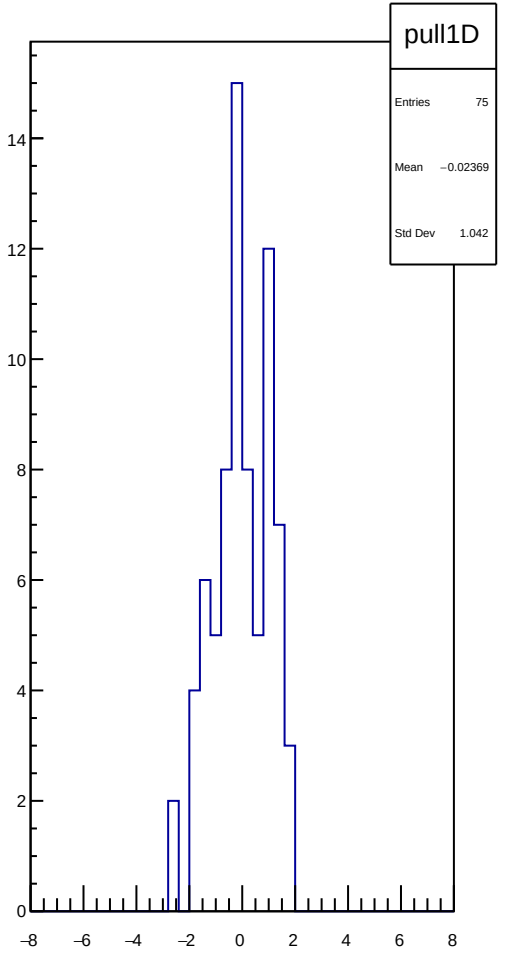

dit_asym_sam_24_68_dd_rms vs run
χ² / ndf 309 / 74
p0 77.27 ± 0.06338
82
81
80
79
78
77
76
75
74

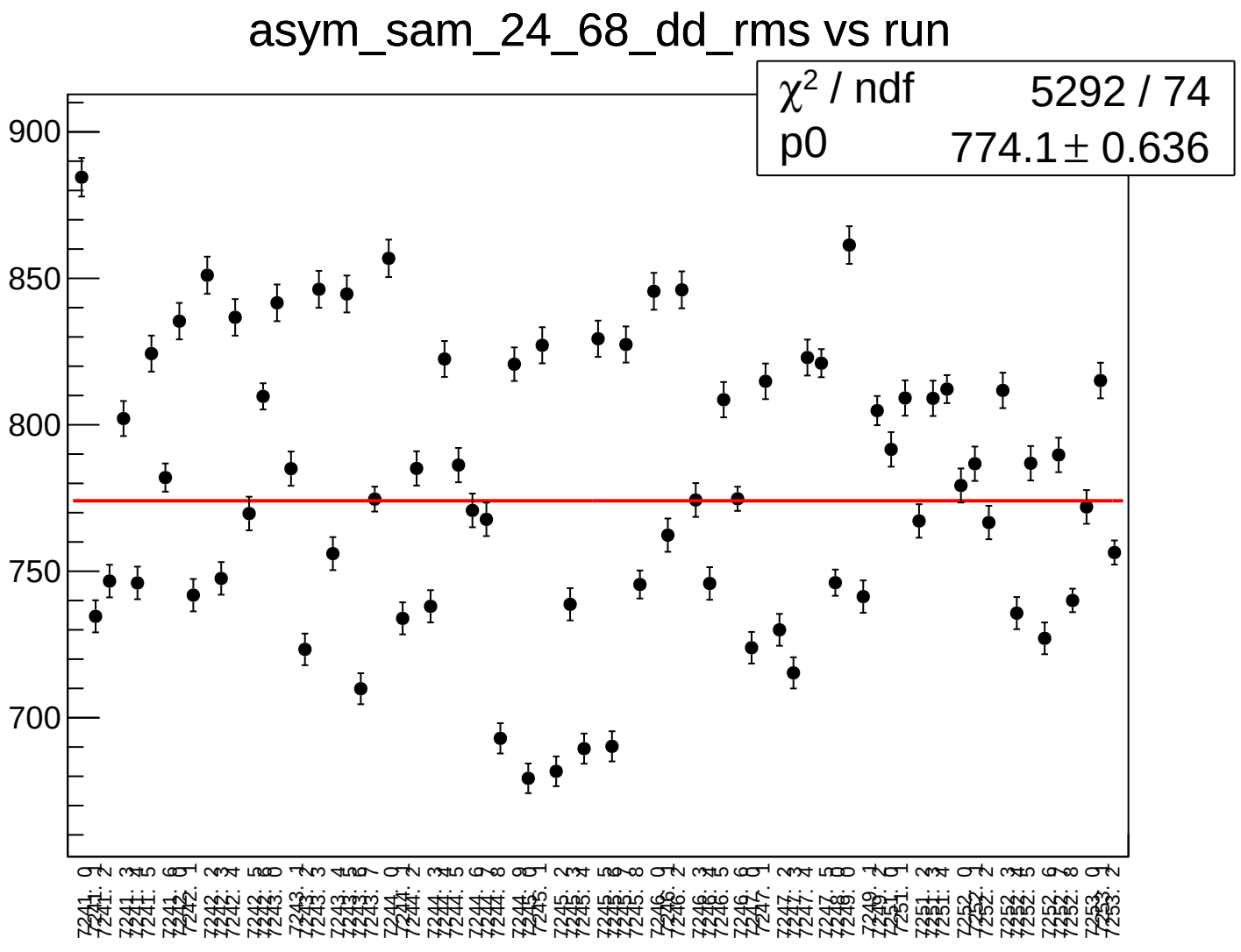

asym_sam_24_68_dd_correction_mean vs run
χ² / ndf 82.12 / 74
p0 −1381 ± 895.7
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 75
Mean 116.1
Std Dev 91.22
2
1
0
−1
−2

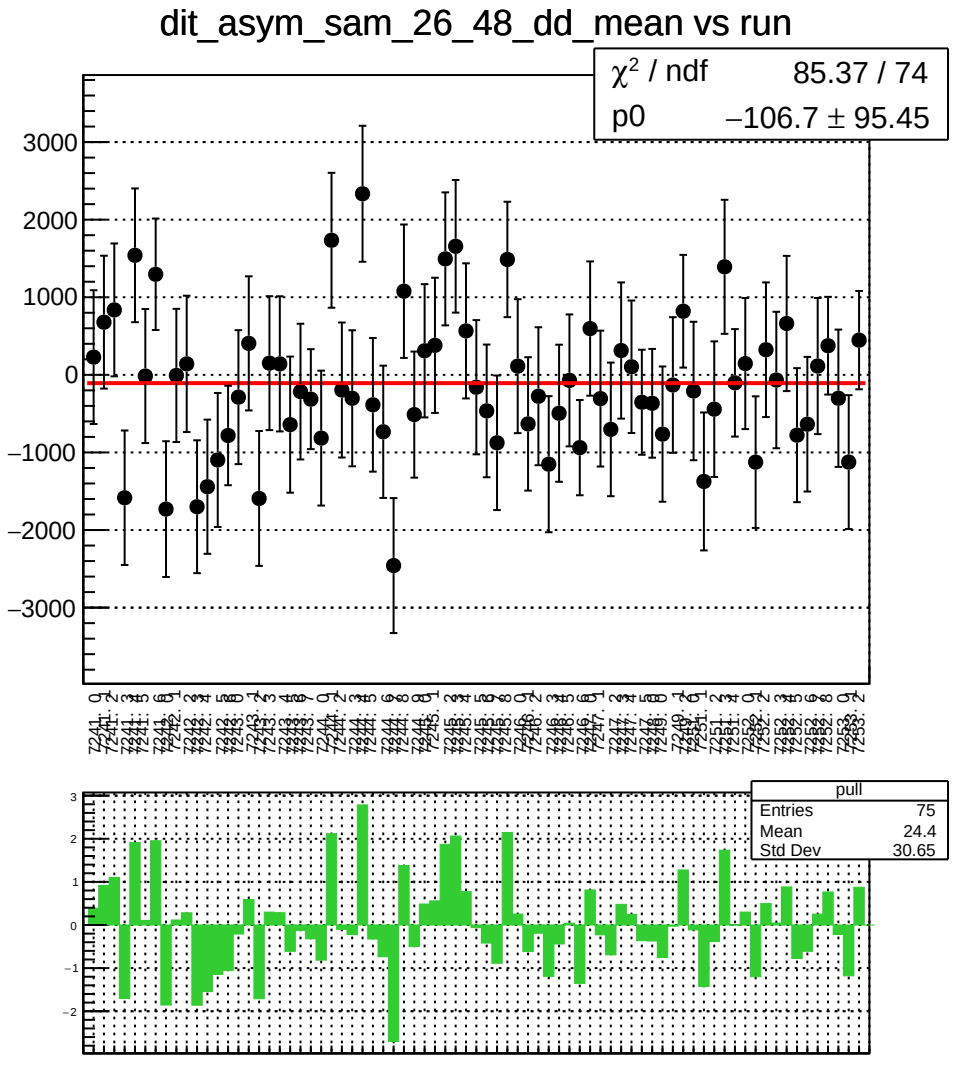

pull1D
Entries 75
Mean 0.02155
Std Dev 1.046
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

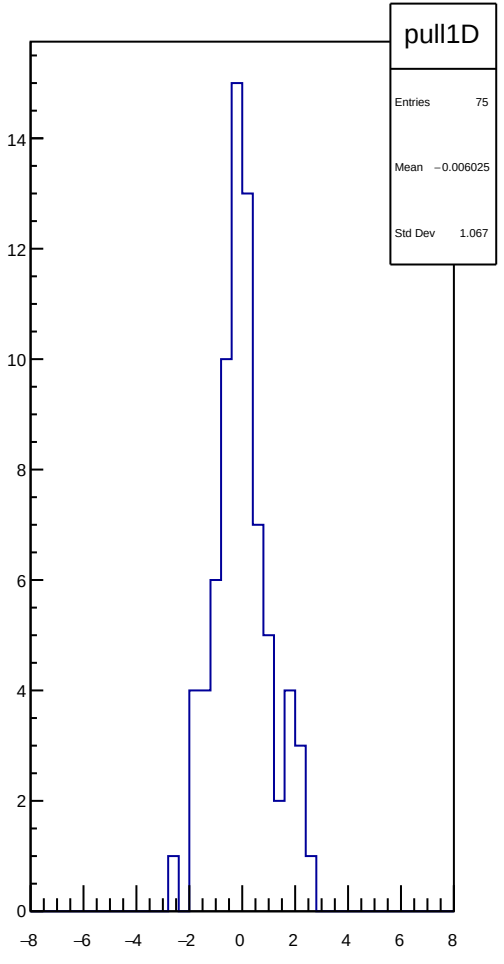

asym_sam_24_68_dd_correction_rms vs run
χ² / ndf 4947 / 74
p0 771 ± 0.6334
900
850
800
750
700

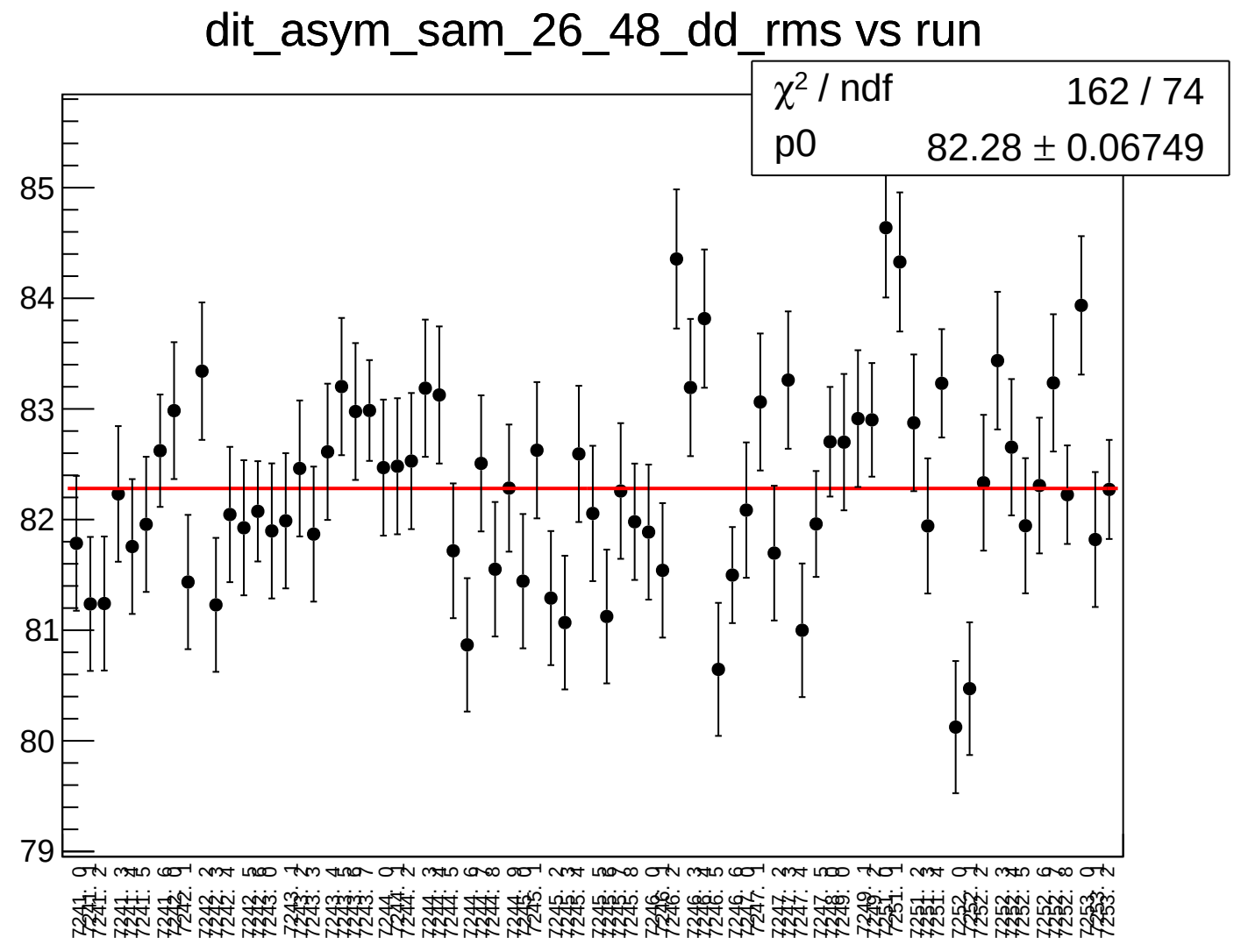

asym_sam_24_68_dd_mean vs run
χ² / ndf 81.48 / 74
p0 1352 ± 899.5
pull
Entries 75
Mean 97.47
Std Dev 75.4

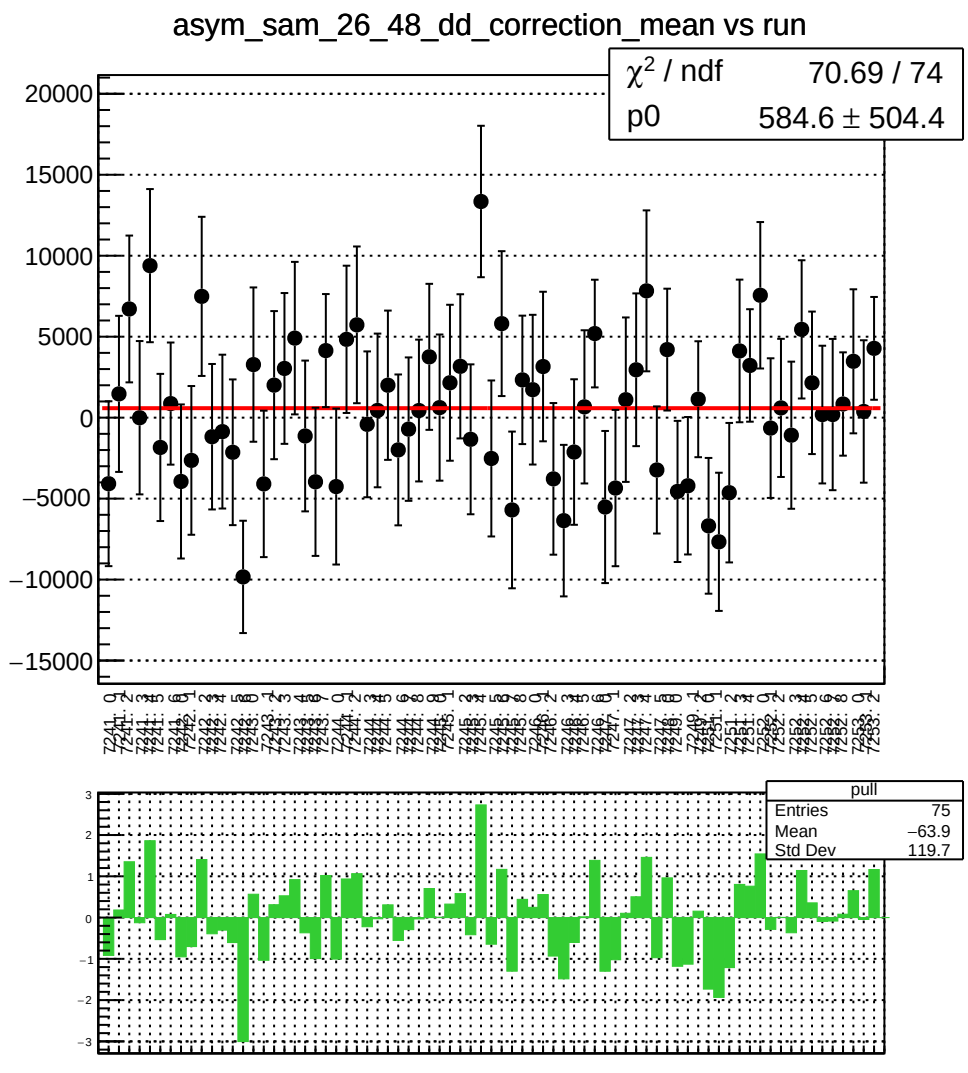

pull1D
Entries 75
Mean −0.02369
Std Dev 1.042

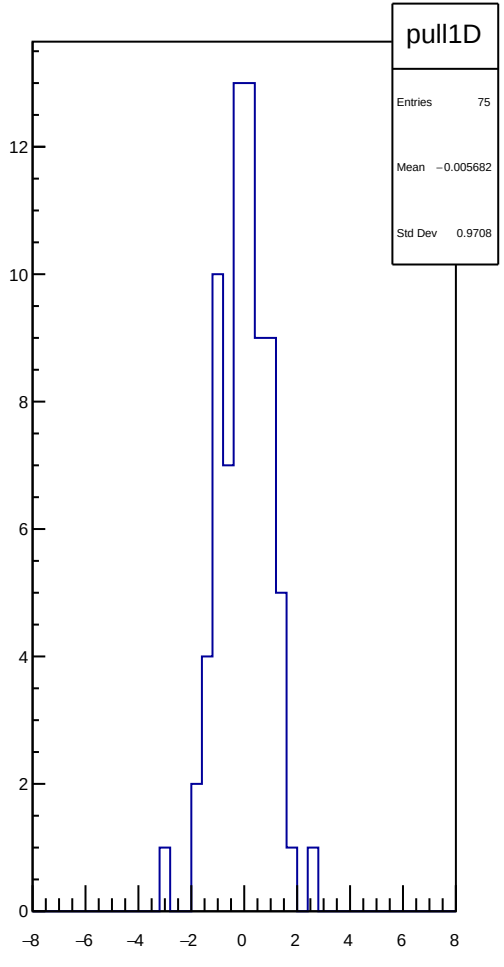

asym_sam_24_68_dd_rms vs run
χ² / ndf 5292 / 74
p0 774.1 ± 0.636
900
850
800
750
700

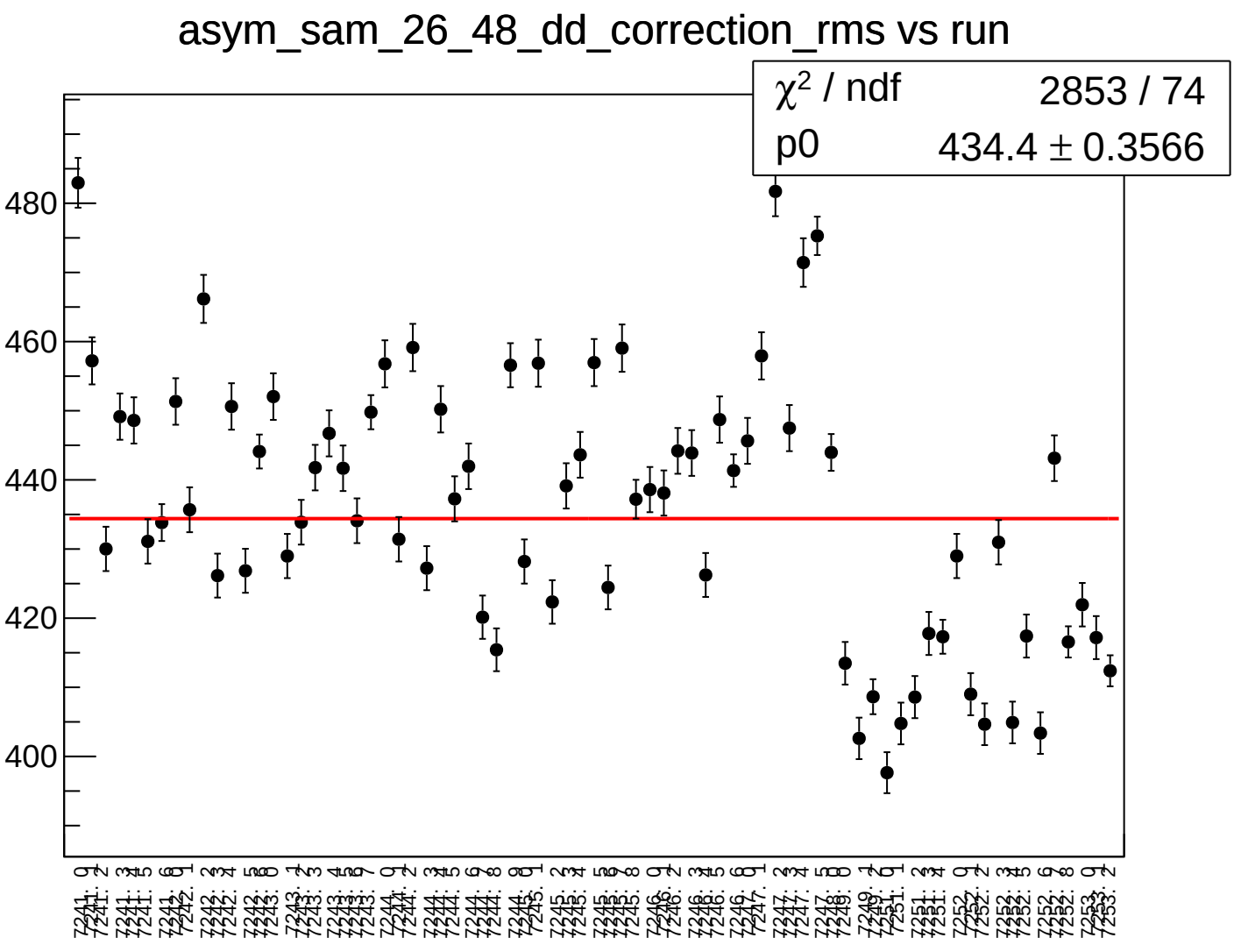

dit_asym_sam_26_48_dd_mean vs run
χ² / ndf 85.37 / 74
p0 −106.7 ± 95.45
pull
Entries 75
Mean 24.4
Std Dev 30.65

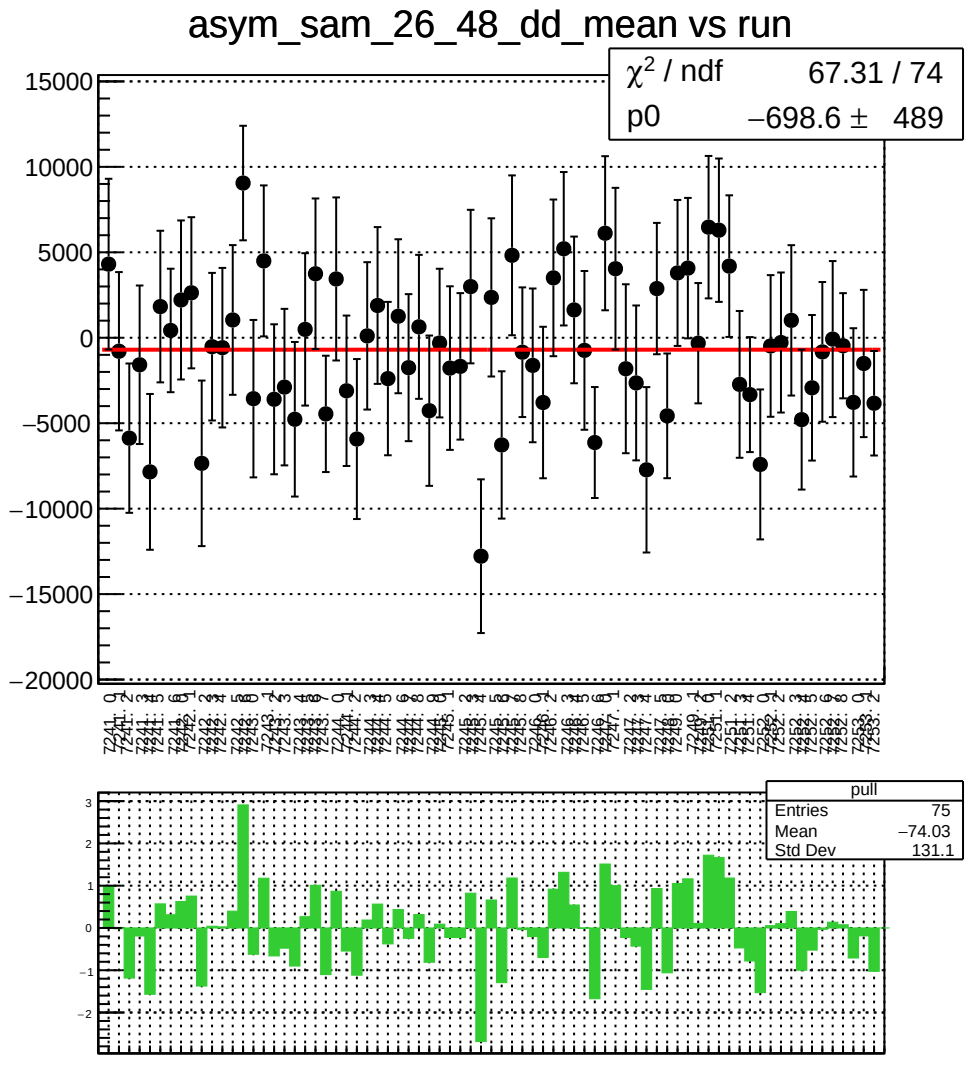

pull1D
Entries 75
Mean −0.006025
Std Dev 1.067

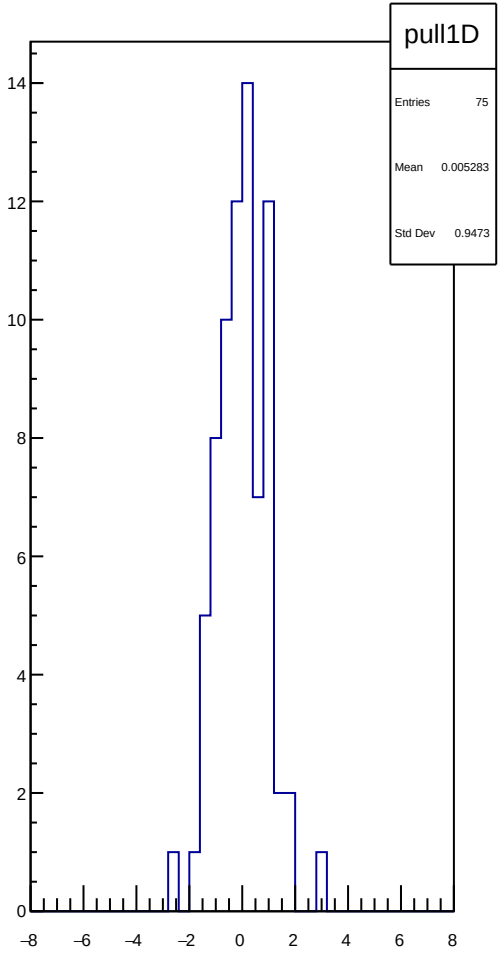

dit_asym_sam_26_48_dd_rms vs run
χ² / ndf 162 / 74
p0 82.28 ± 0.06749
85
84
83
82
81
80
79

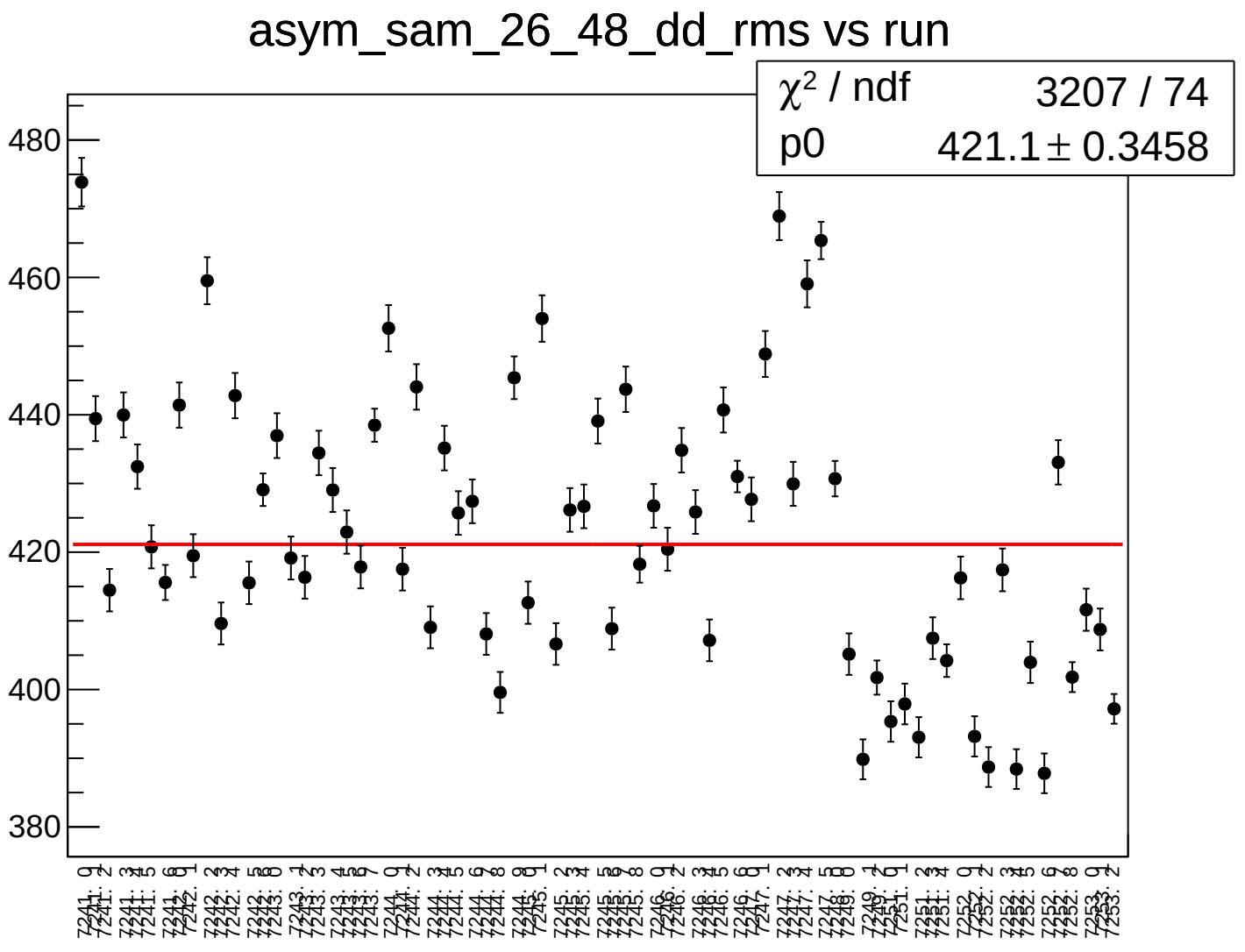

asym_sam_26_48_dd_correction_mean vs run
χ^2 / ndf 70.69 / 74
p0 584.6 ± 504.4
pull
Entries 75
Mean −63.9
Std Dev 119.7

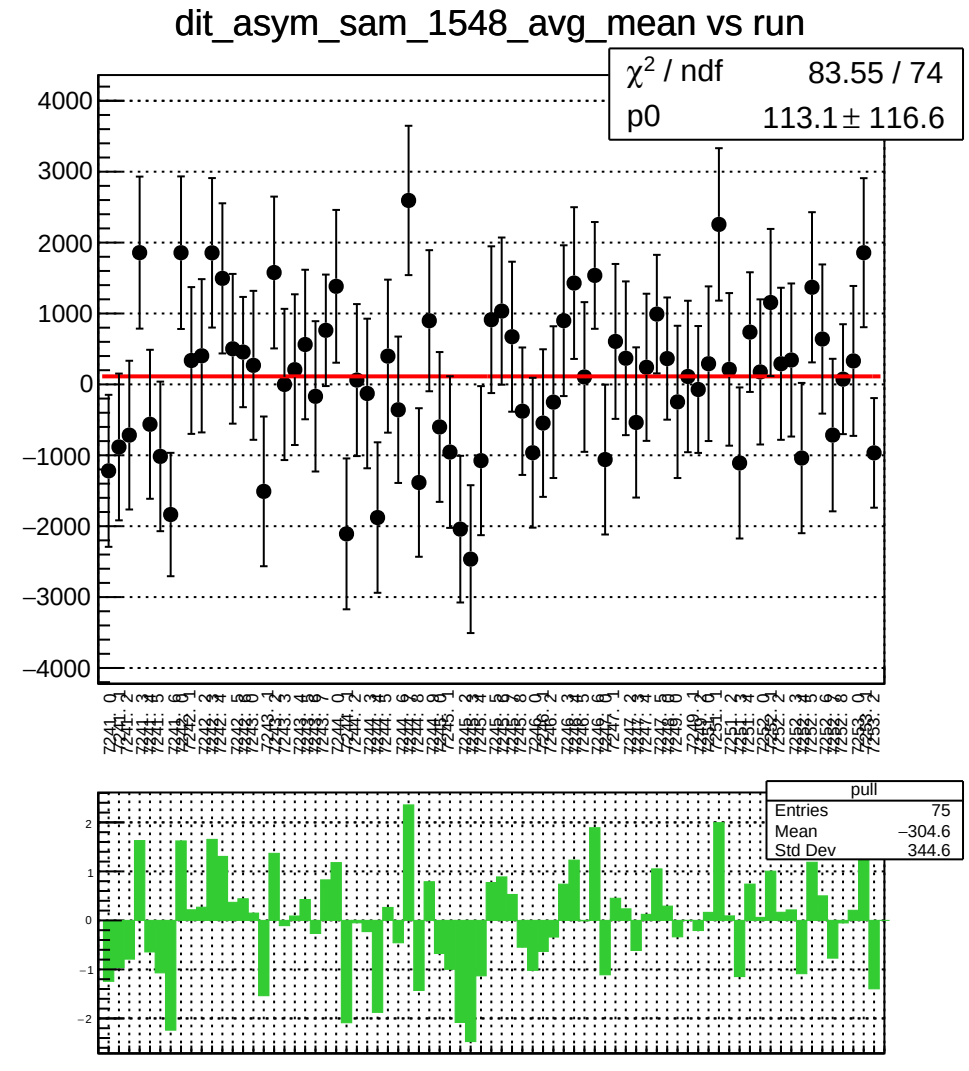

pull1D
Entries 75
Mean −0.005682
Std Dev 0.9708

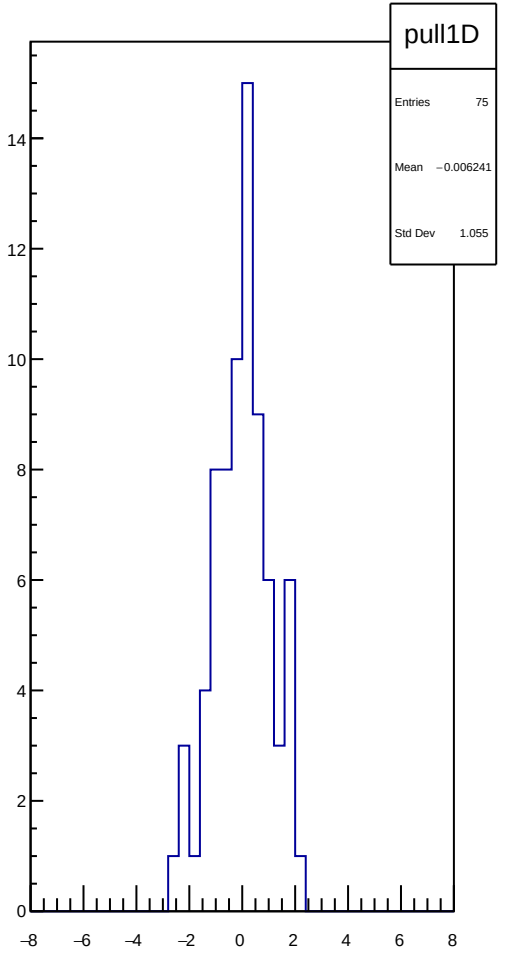

asym_sam_26_48_dd_correction_rms vs run
χ² / ndf 2853 / 74
p0 434.4 ± 0.3566
480
460
440
420
400

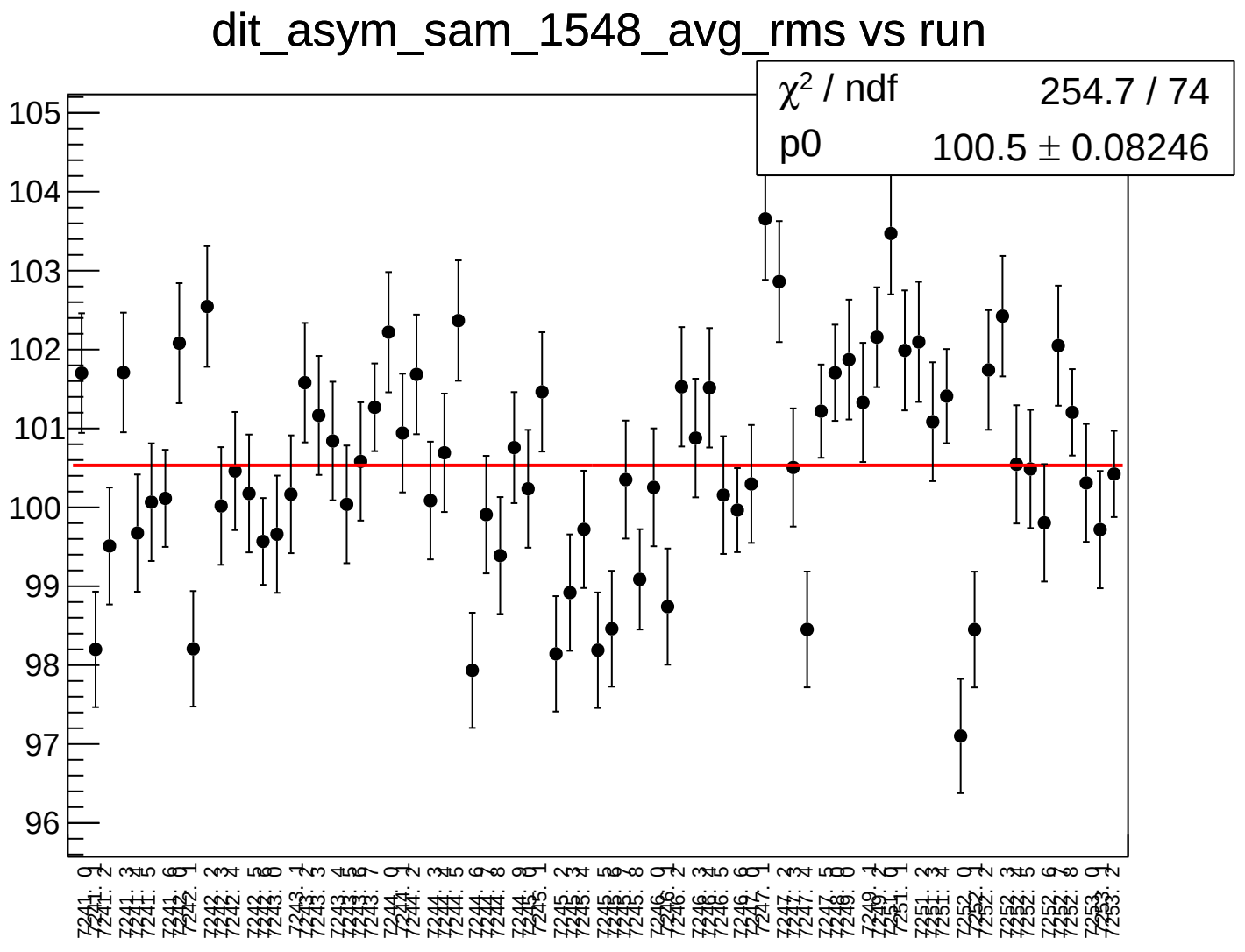

asym_sam_26_48_dd_mean vs run
χ² / ndf 67.31 / 74
p0 −698.6 ± 489
pull
Entries 75
Mean −74.03
Std Dev 131.1

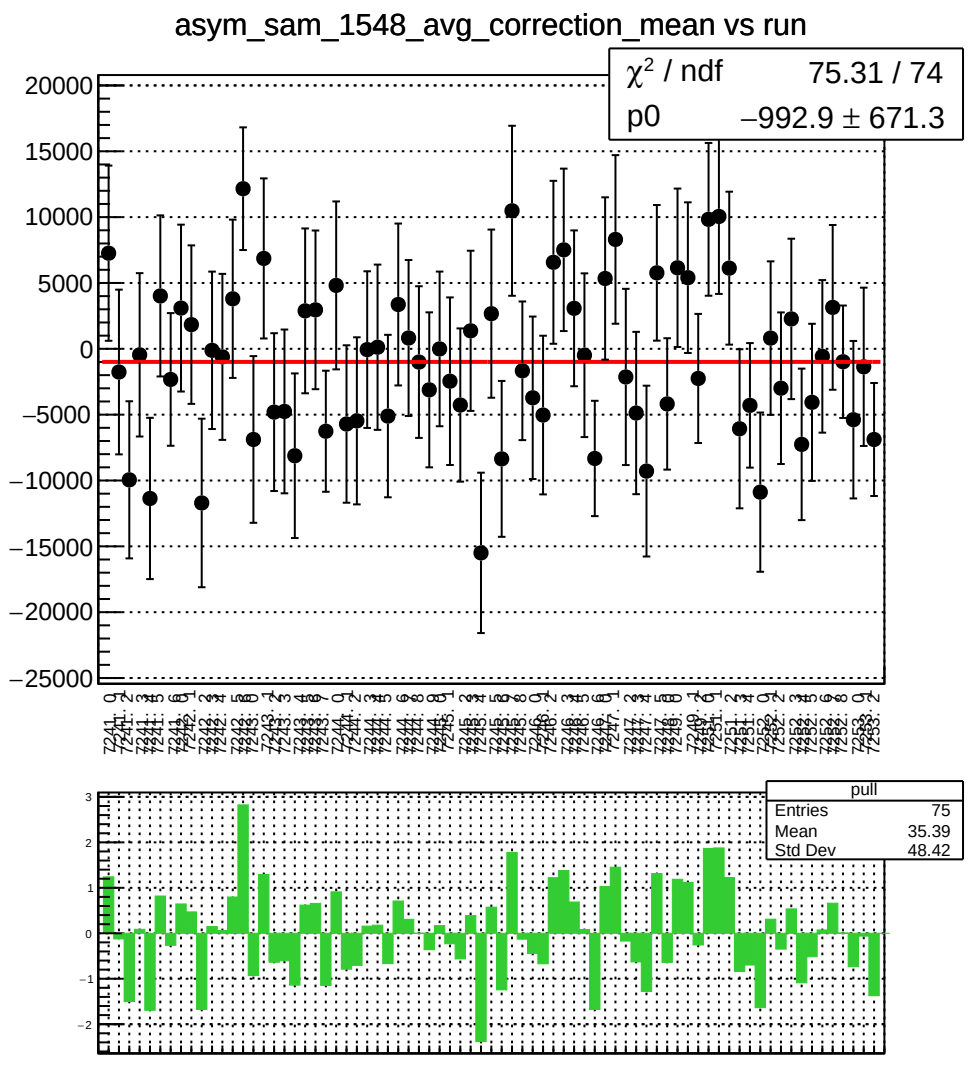

pull1D
Entries 75
Mean 0.005283
Std Dev 0.9473

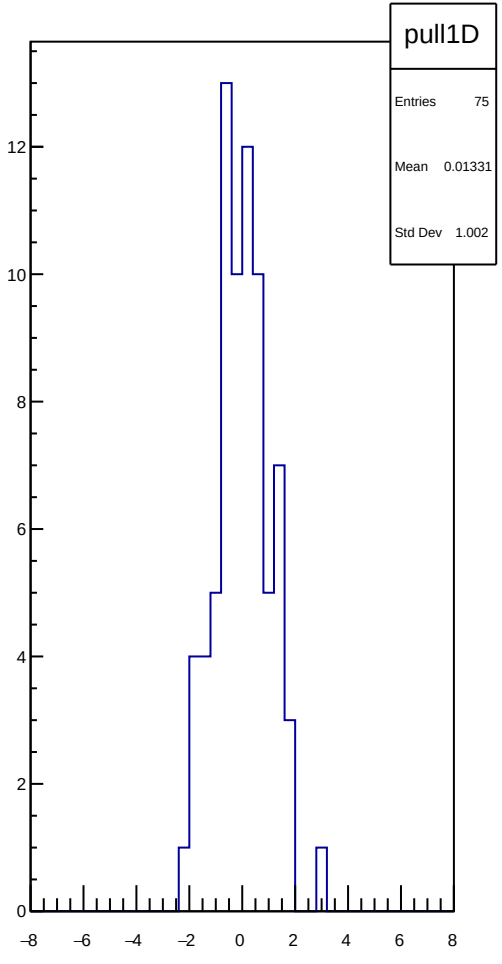

asym_sam_26_48_dd_rms vs run
χ² / ndf 3207 / 74
p0 421.1 ± 0.3458
480
460
440
420
400
380

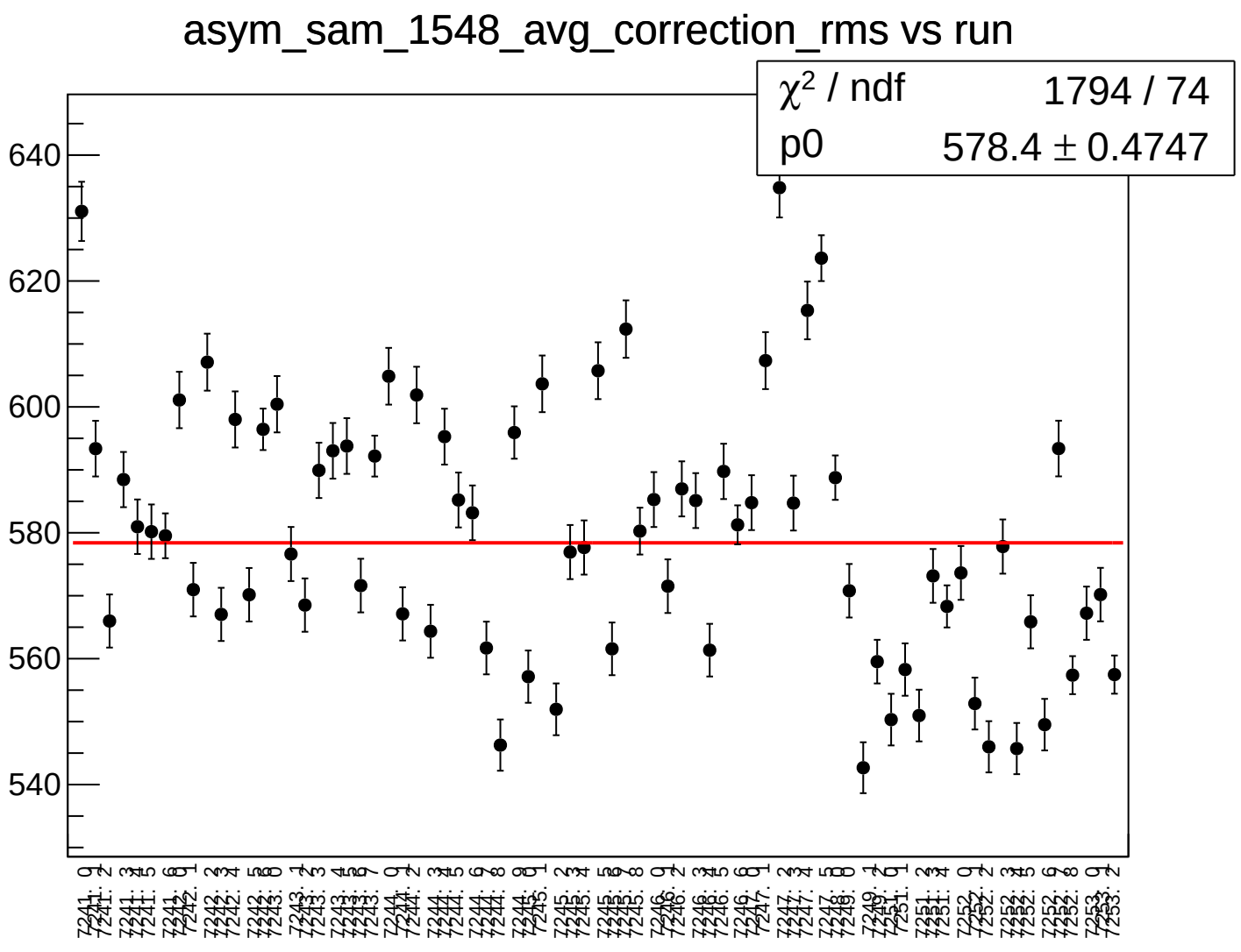

dit_asym_sam_1548_avg_mean vs run
χ² / ndf 83.55 / 74
p0 113.1 ± 116.6
pull
Entries 75
Mean −304.6
Std Dev 344.6

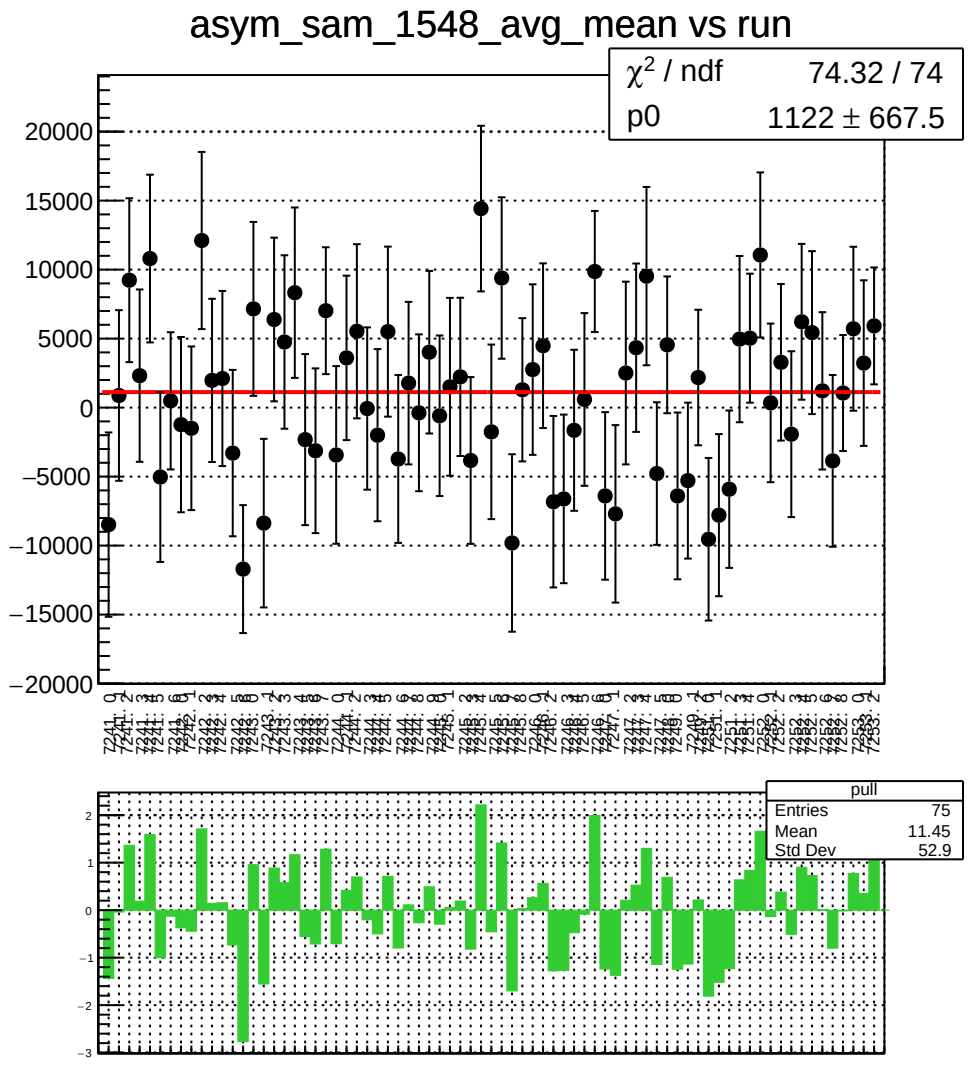

pull1D
Entries 75
Mean −0.006241
Std Dev 1.055

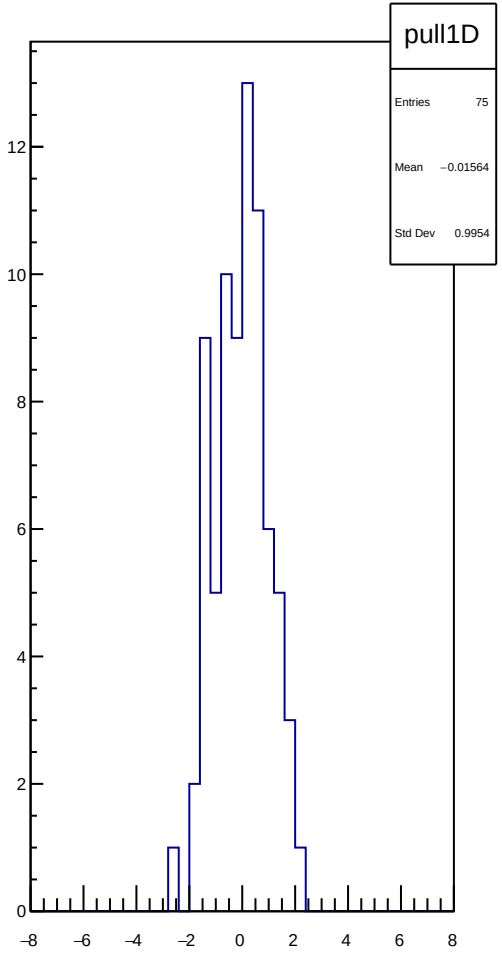

dit_asym_sam_1548_avg_rms vs run
χ^2 / ndf 254.7 / 74
p0 100.5 ± 0.08246
105
104
103
102
101
100
99
98
97
96

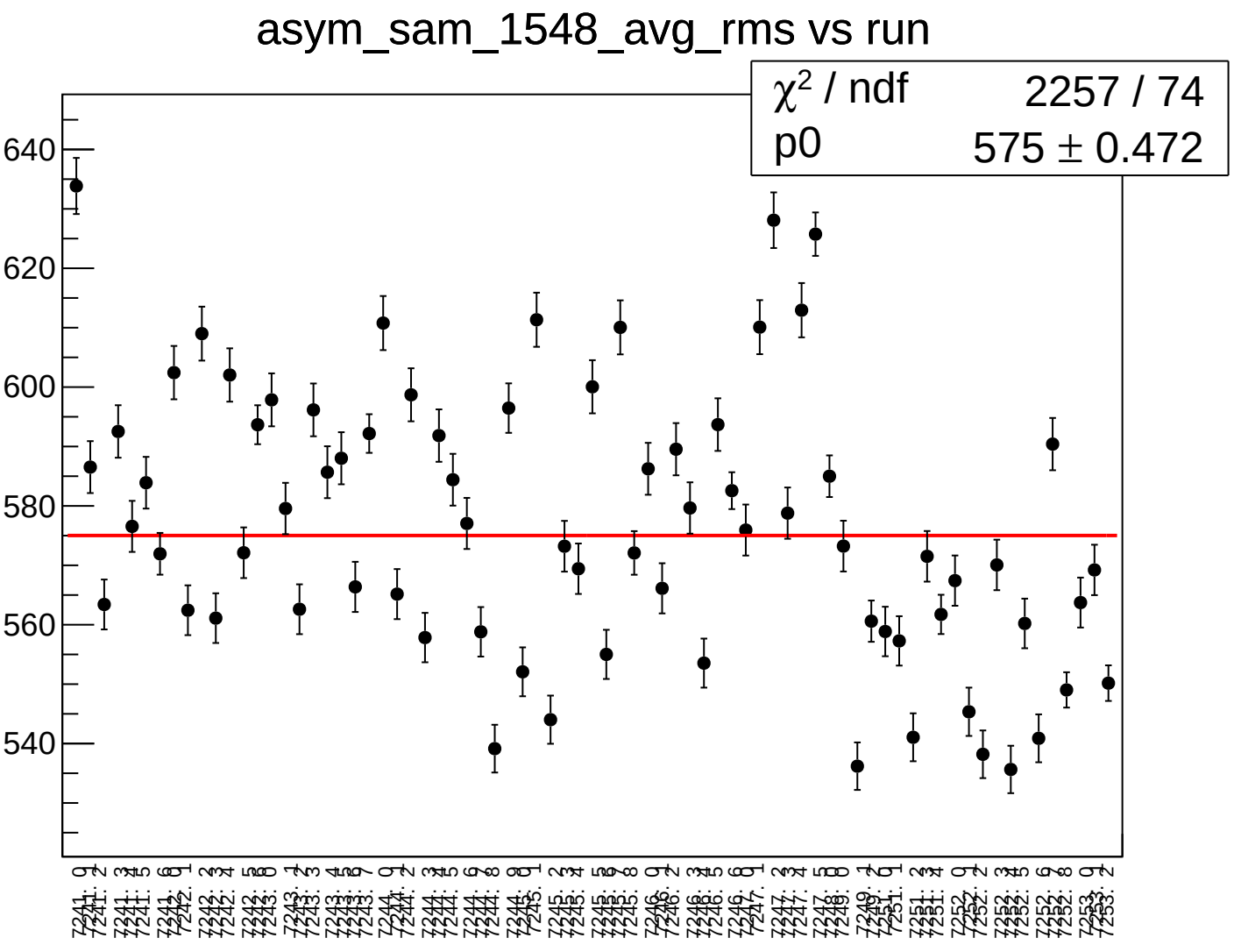

asym_sam_1548_avg_correction_mean vs run
χ² / ndf 75.31 / 74
p0 −992.9 ± 671.3
pull
Entries 75
Mean 35.39
Std Dev 48.42

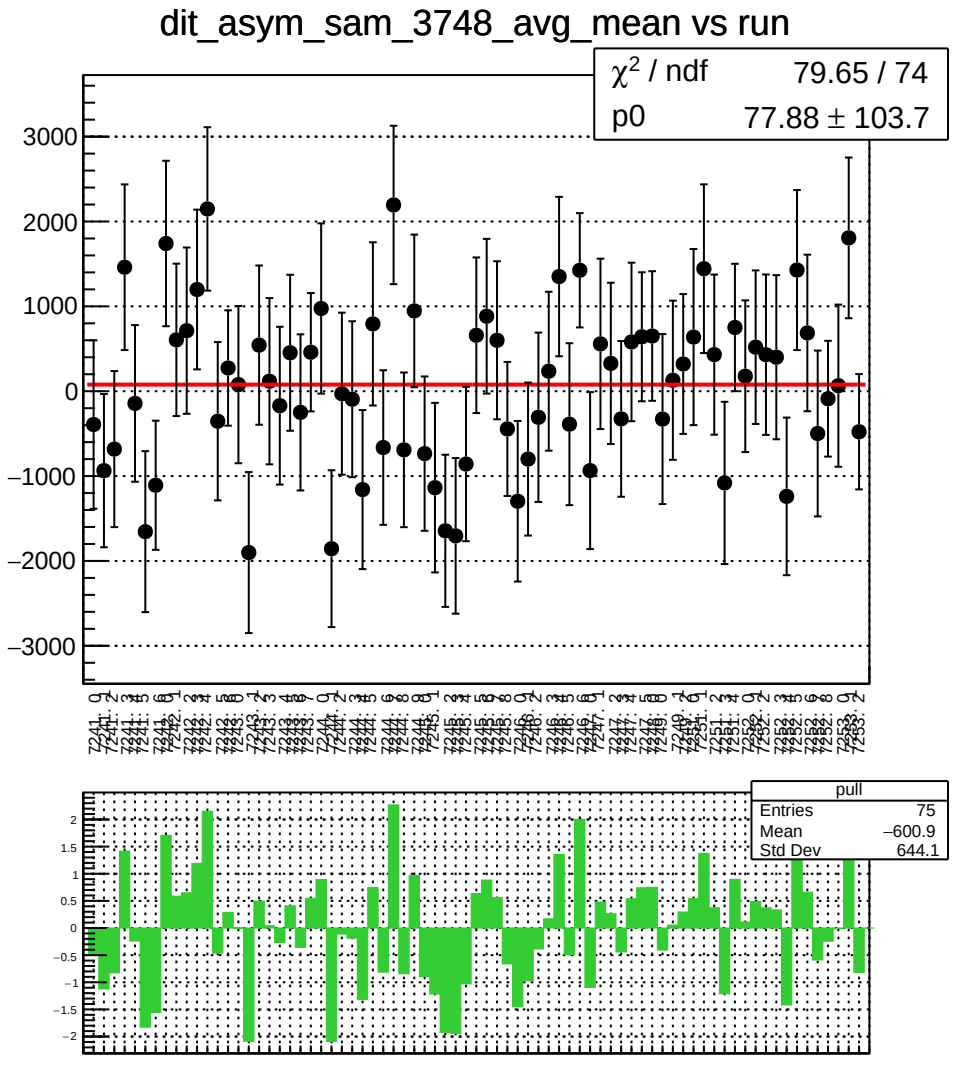

pull1D
Entries 75
Mean 0.01331
Std Dev 1.002

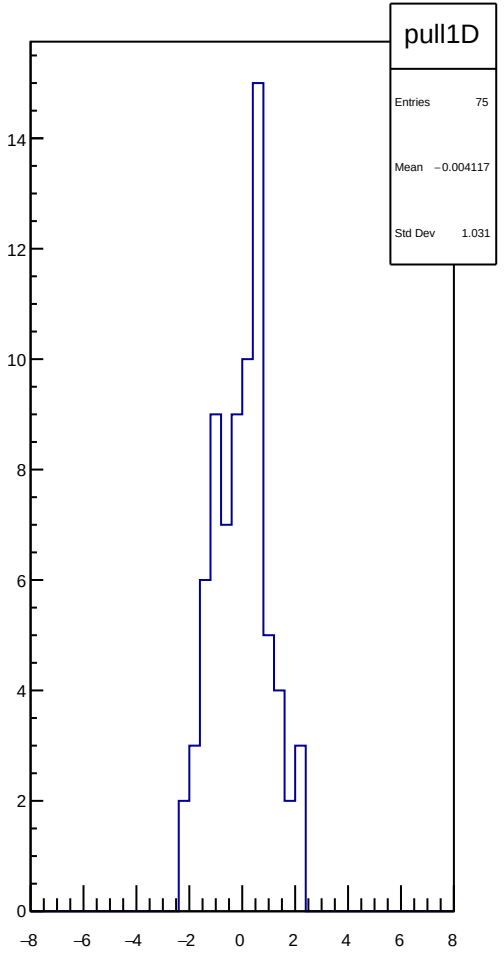

asym_sam_1548_avg_correction_rms vs run
χ² / ndf 1794 / 74
p0 578.4 ± 0.4747
640
620
600
580
560
540

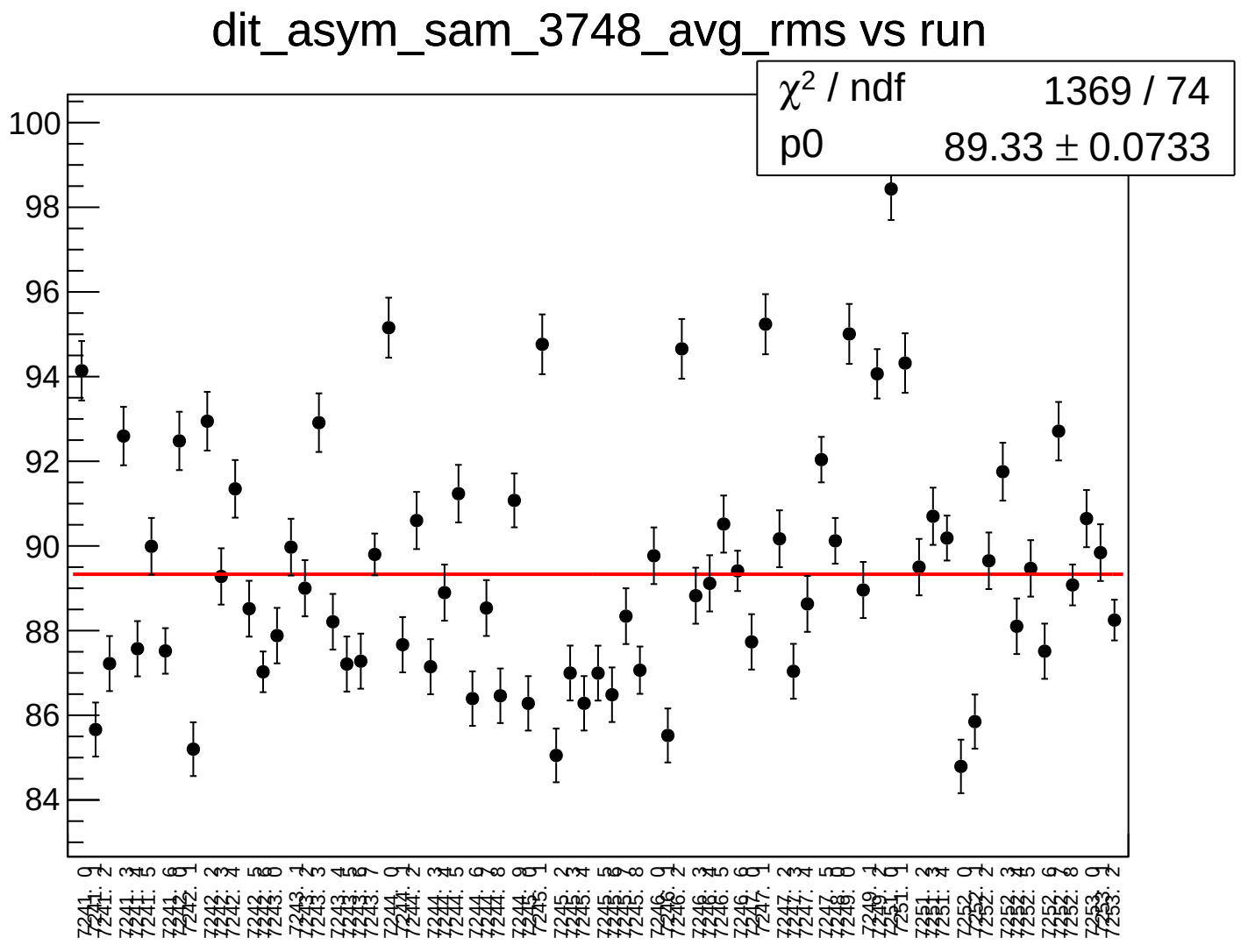

asym_sam_1548_avg_mean vs run
χ² / ndf 74.32 / 74
p0 1122 ± 667.5
pull
Entries 75
Mean 11.45
Std Dev 52.9

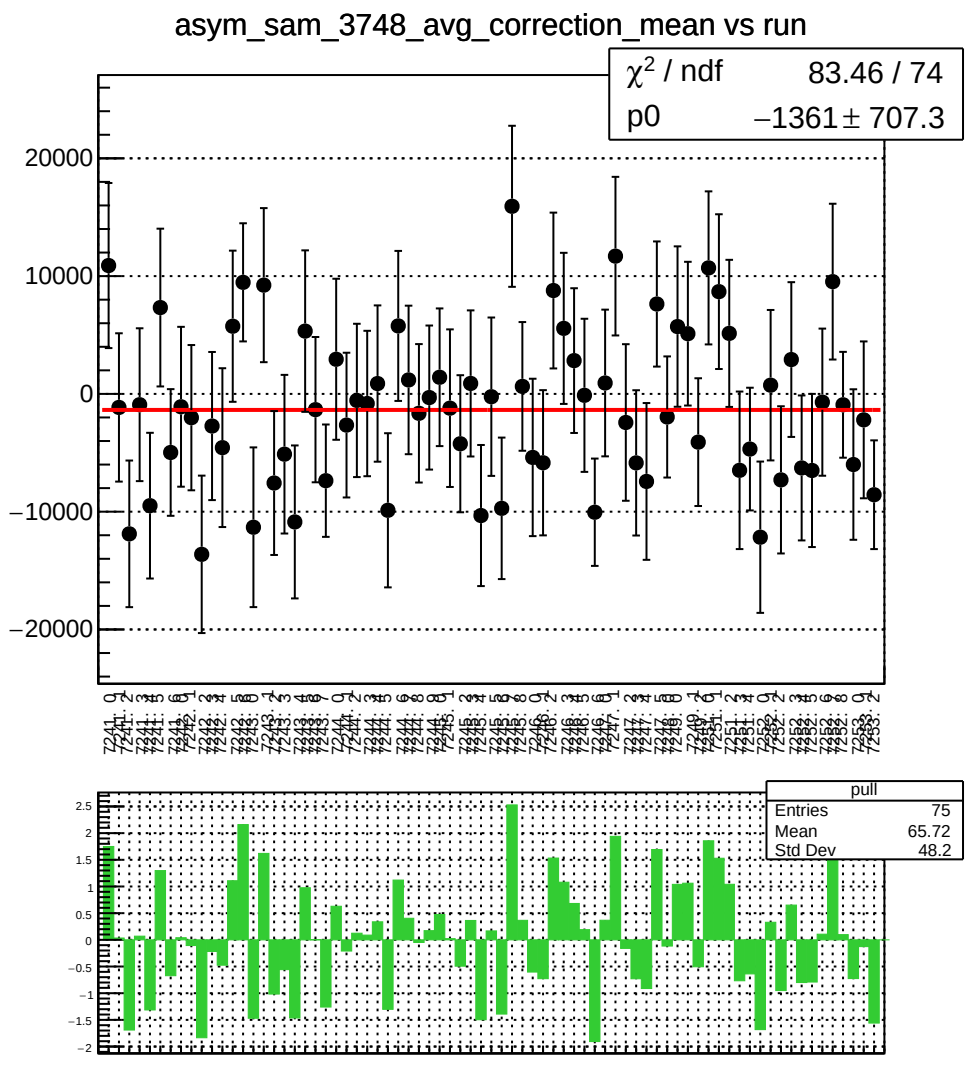

pull1D
Entries 75
Mean −0.01564
Std Dev 0.9954

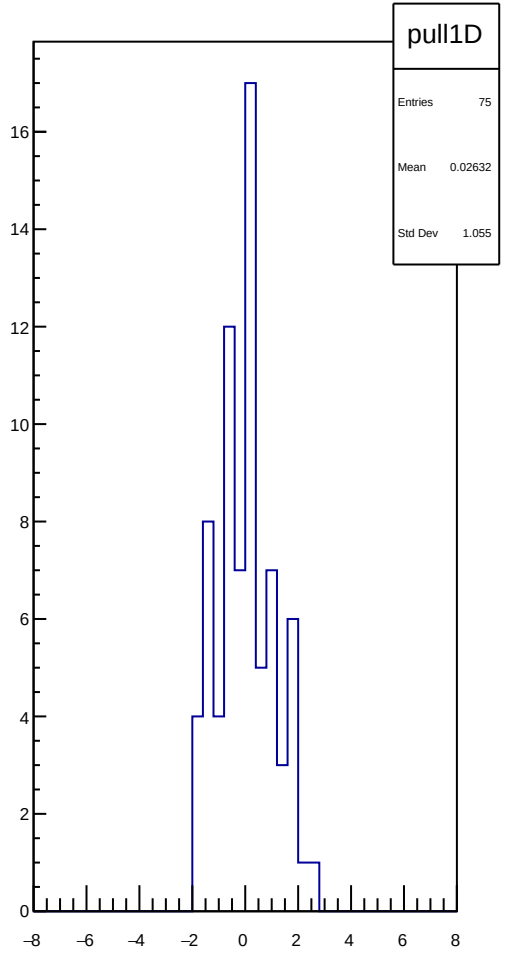

asym_sam_1548_avg_rms vs run
χ² / ndf 2257 / 74
p0 575 ± 0.472
640
620
600
580
560
540

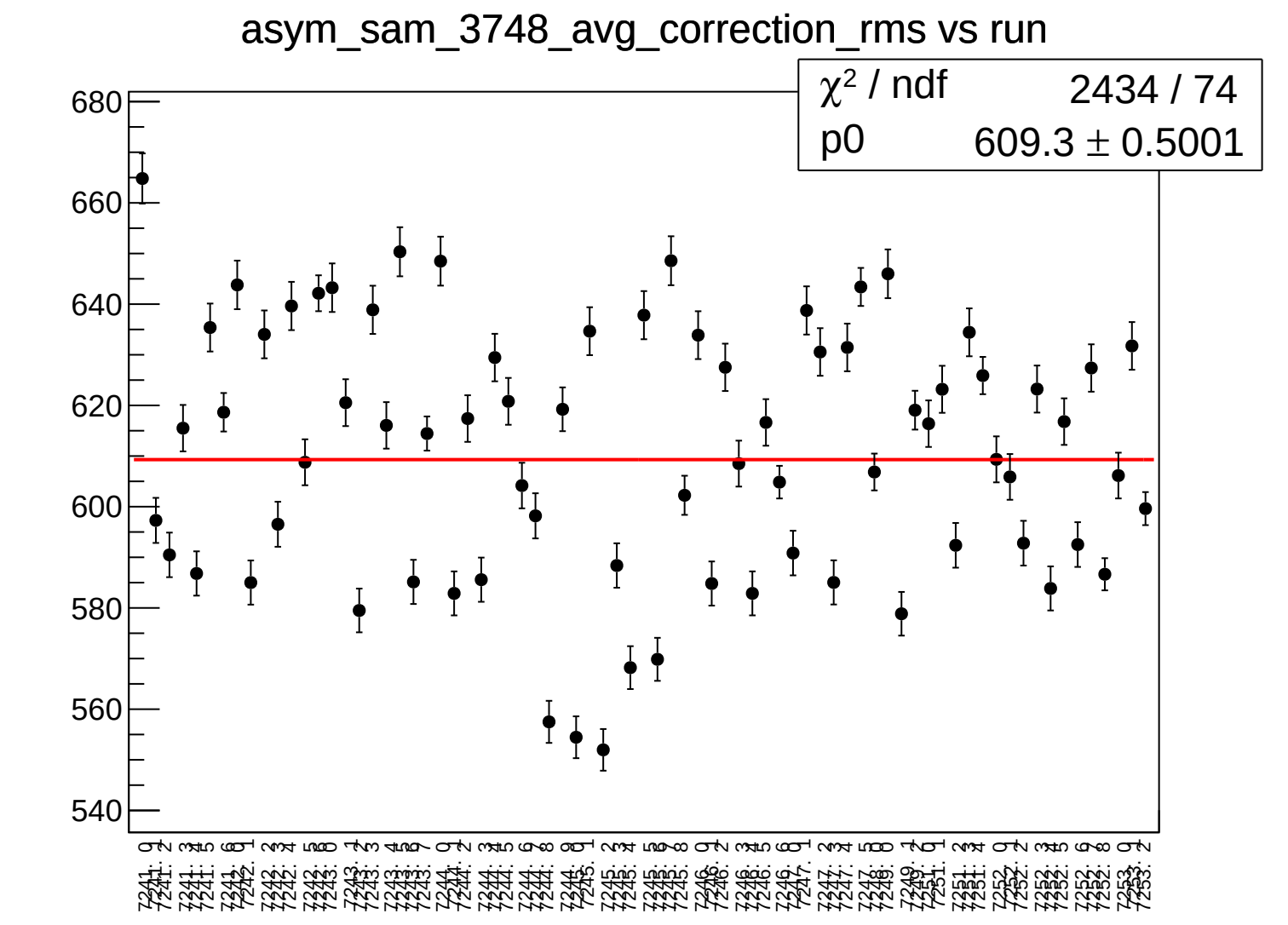

dit_asym_sam_3748_avg_mean vs run
χ² / ndf 79.65 / 74
p0 77.88 ± 103.7
pull
Entries 75
Mean −600.9
Std Dev 644.1

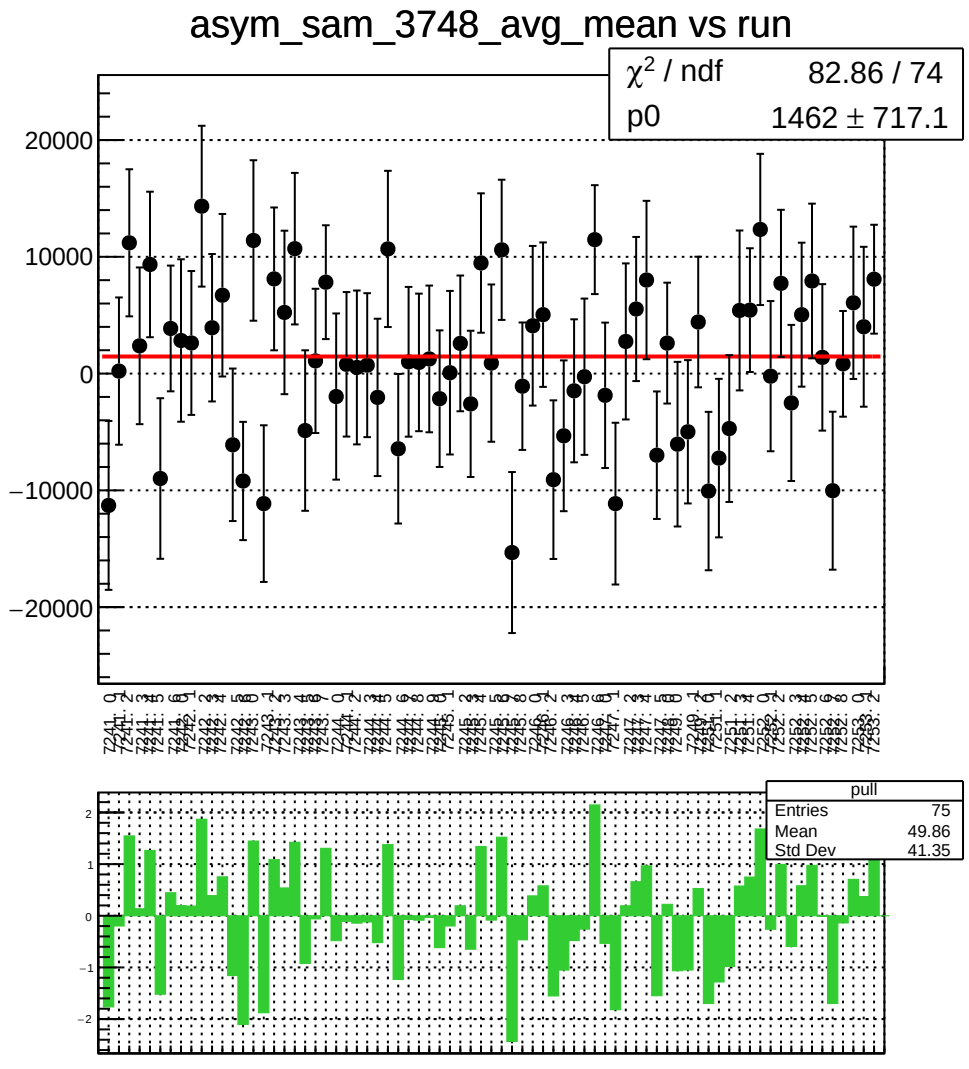

pull1D
Entries 75
Mean −0.004117
Std Dev 1.031

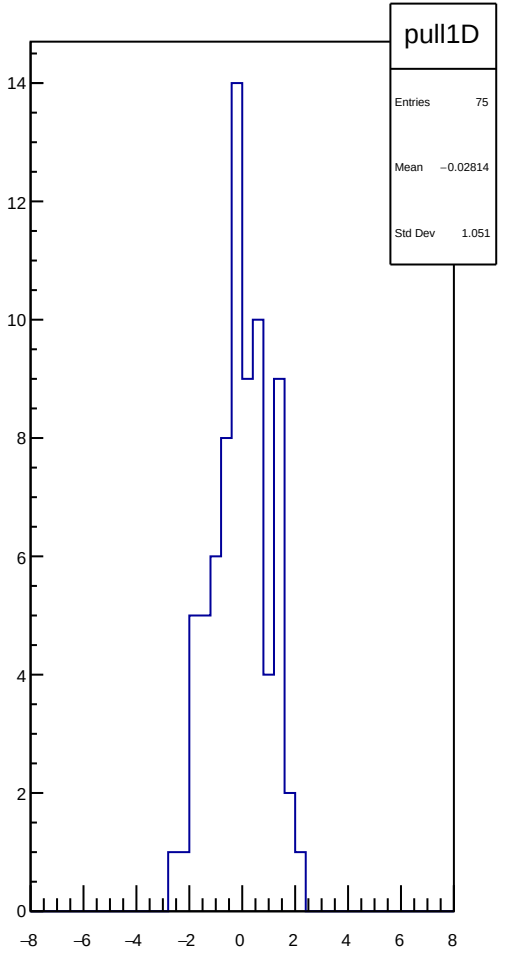

dit_asym_sam_3748_avg_rms vs run
χ² / ndf 1369 / 74
p0 89.33 ± 0.0733
100
98
96
94
92
90
88
86
84

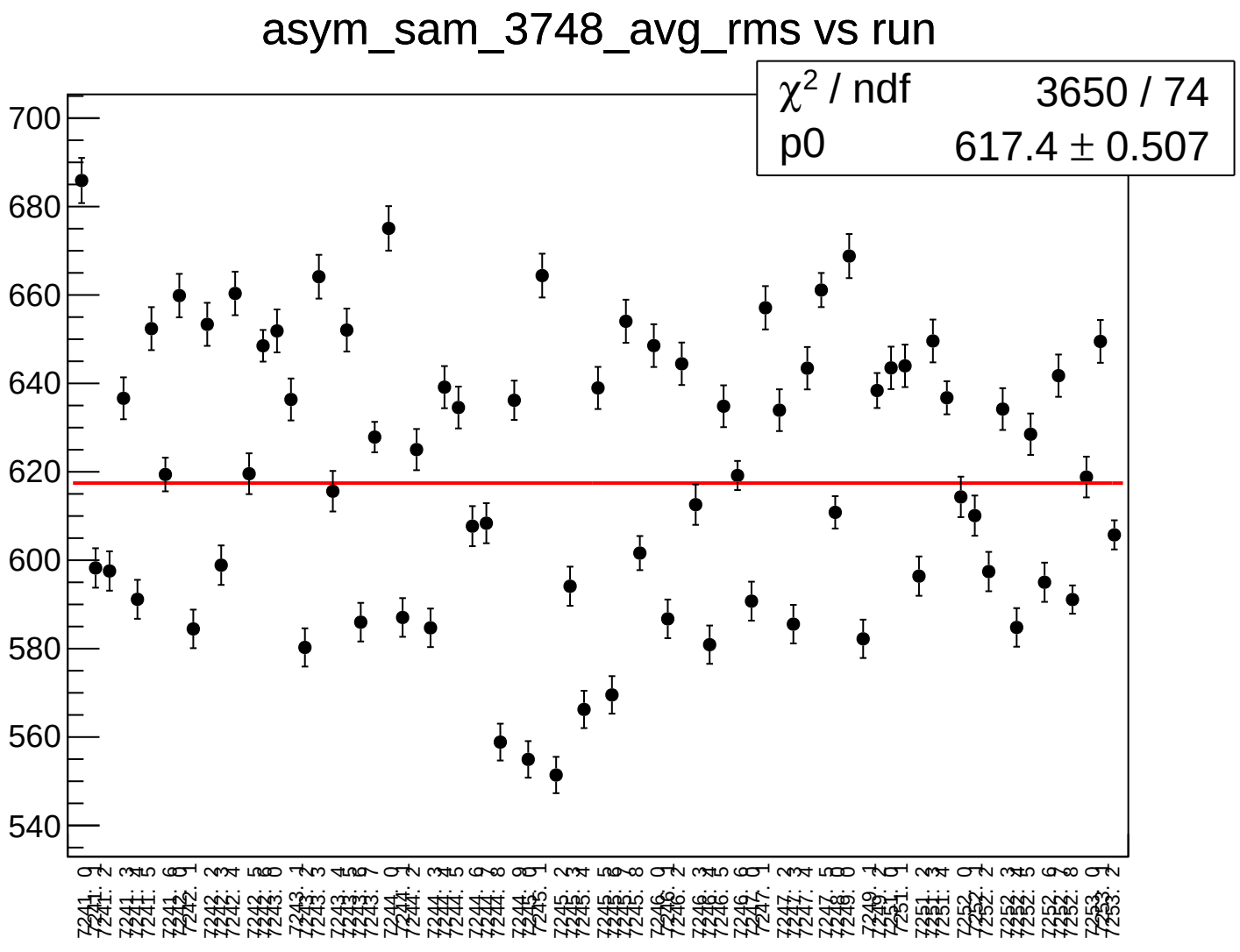

asym_sam_3748_avg_correction_mean vs run
χ² / ndf 83.46 / 74
p0 −1361 ± 707.3
20000
10000
0
−10000
−20000
pull
Entries 75
Mean 65.72
Std Dev 48.2
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

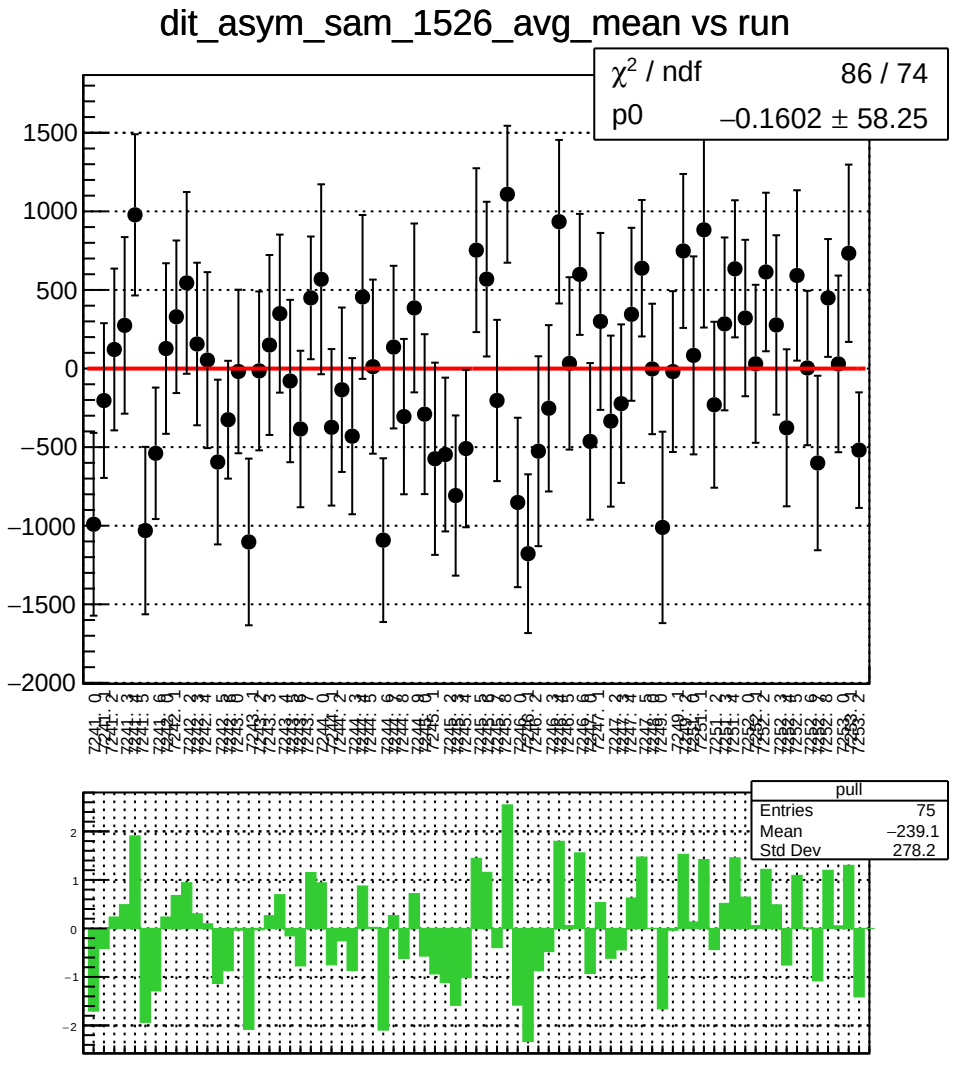

pull1D
Entries 75
Mean 0.02632
Std Dev 1.055
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

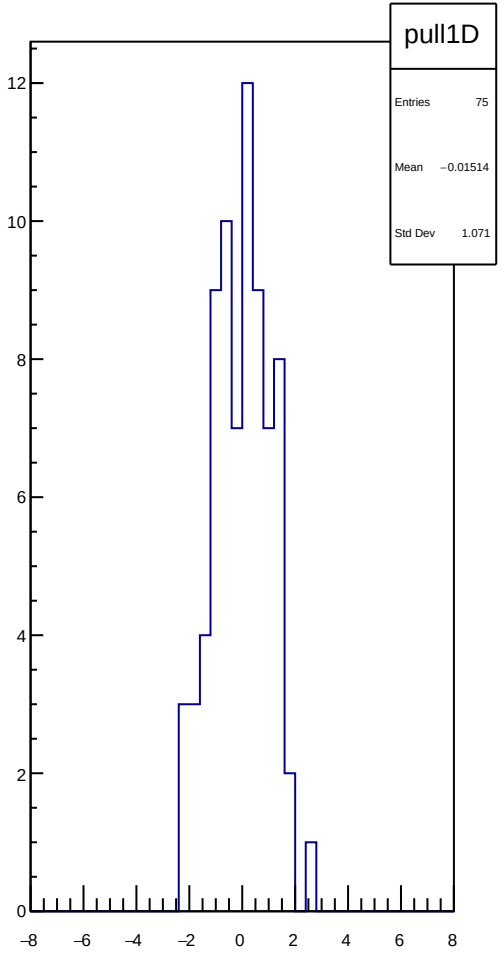

asym_sam_3748_avg_correction_rms vs run
χ² / ndf 2434 / 74
p0 609.3 ± 0.5001
680
660
640
620
600
580
560
540

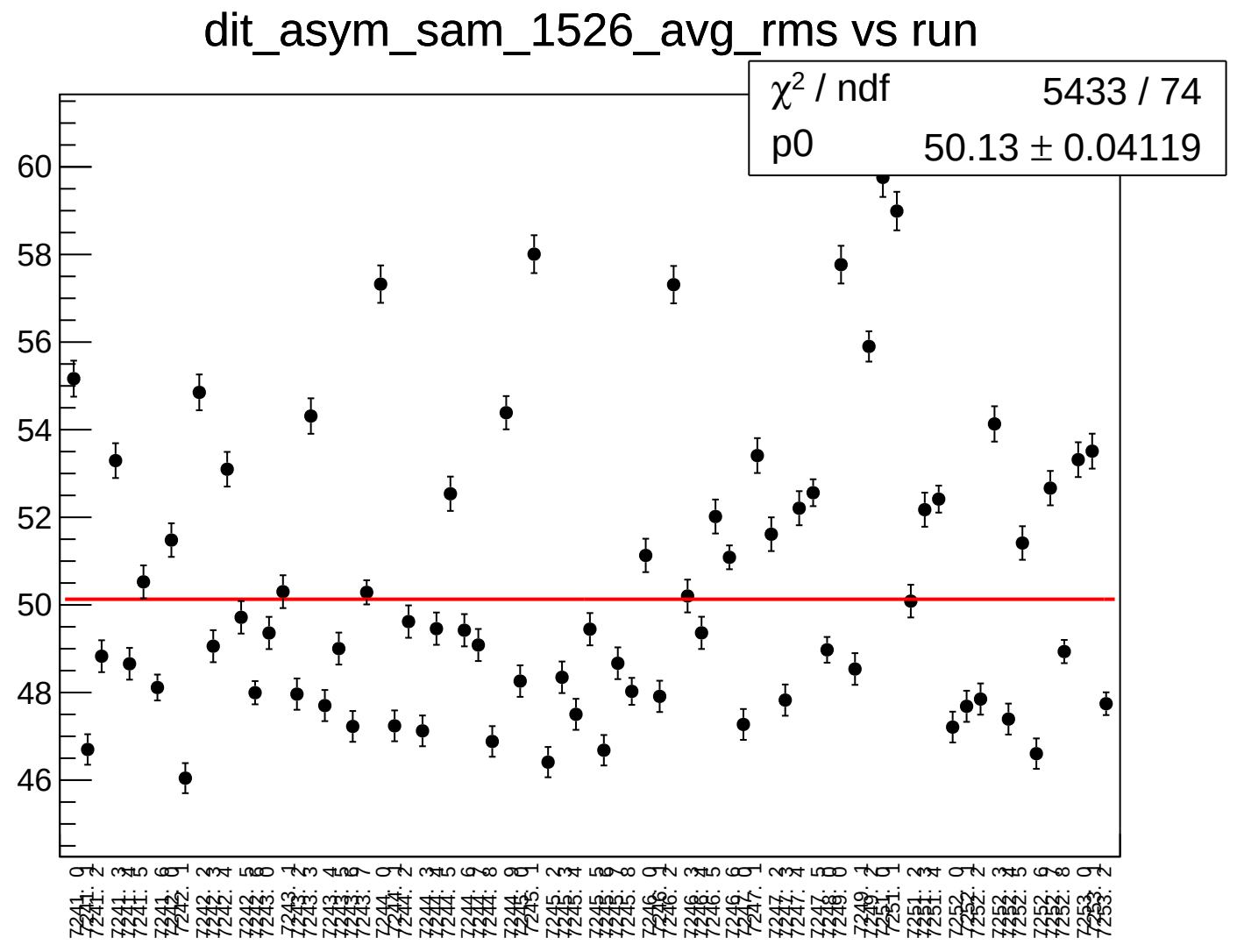

asym_sam_3748_avg_mean vs run
χ² / ndf 82.86 / 74
p0 1462 ± 717.1
20000
10000
0
−10000
−20000
pull
Entries 75
Mean 49.86
Std Dev 41.35
2
1
0
−1
−2

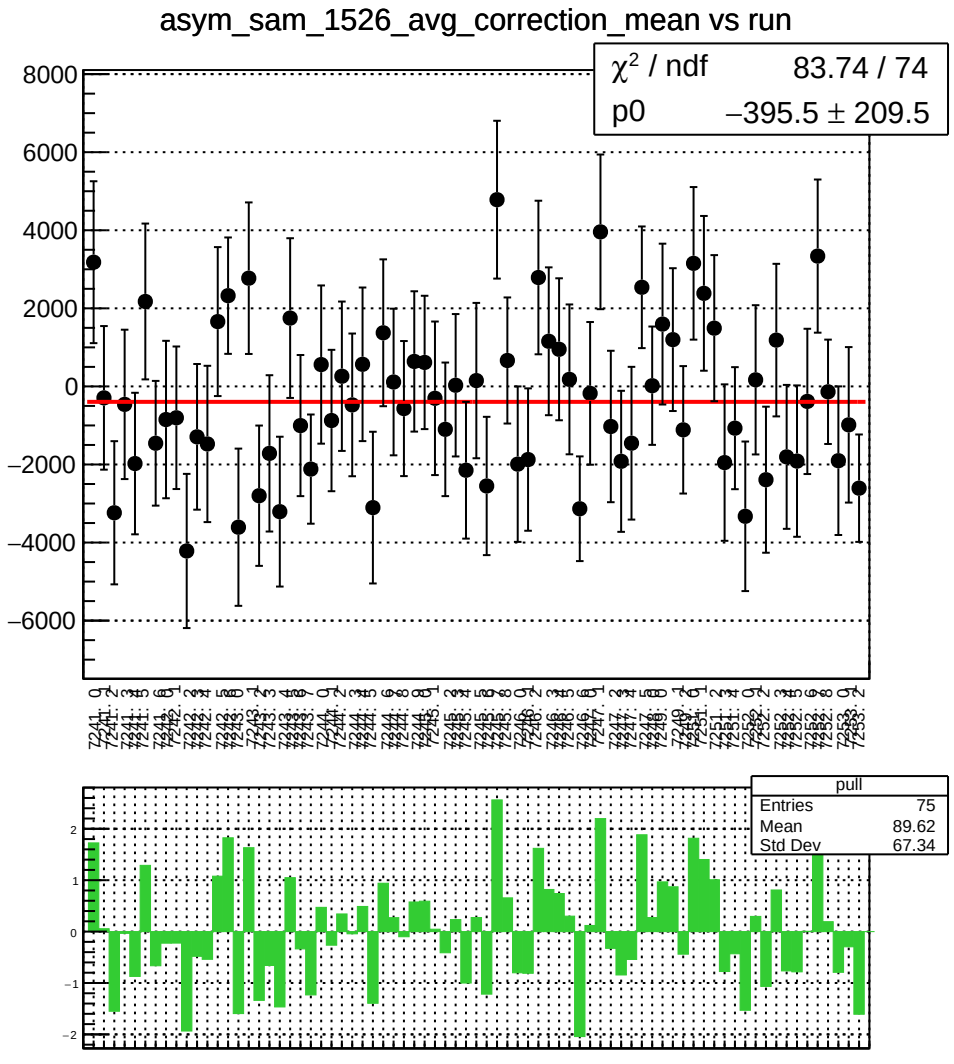

pull1D
Entries 75
Mean −0.02814
Std Dev 1.051
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

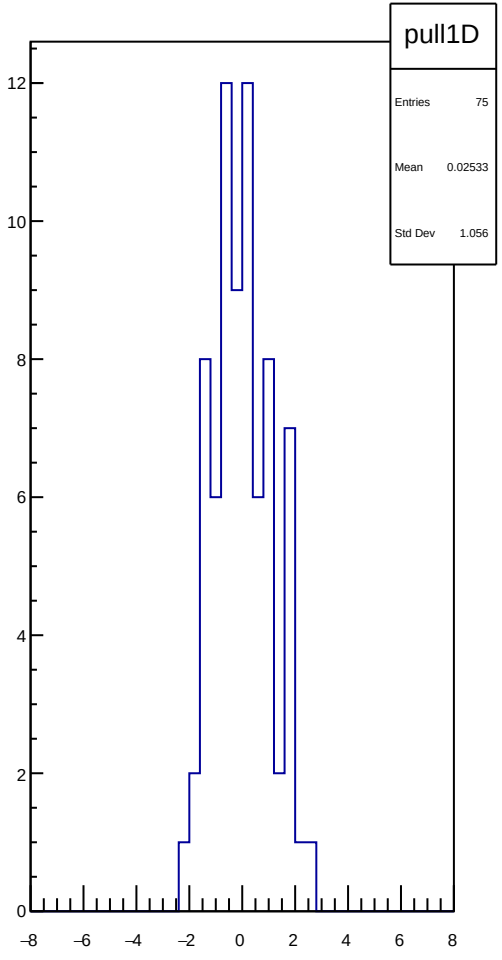

asym_sam_3748_avg_rms vs run
χ² / ndf 3650 / 74
p0 617.4 ± 0.507
700
680
660
640
620
600
580
560
540

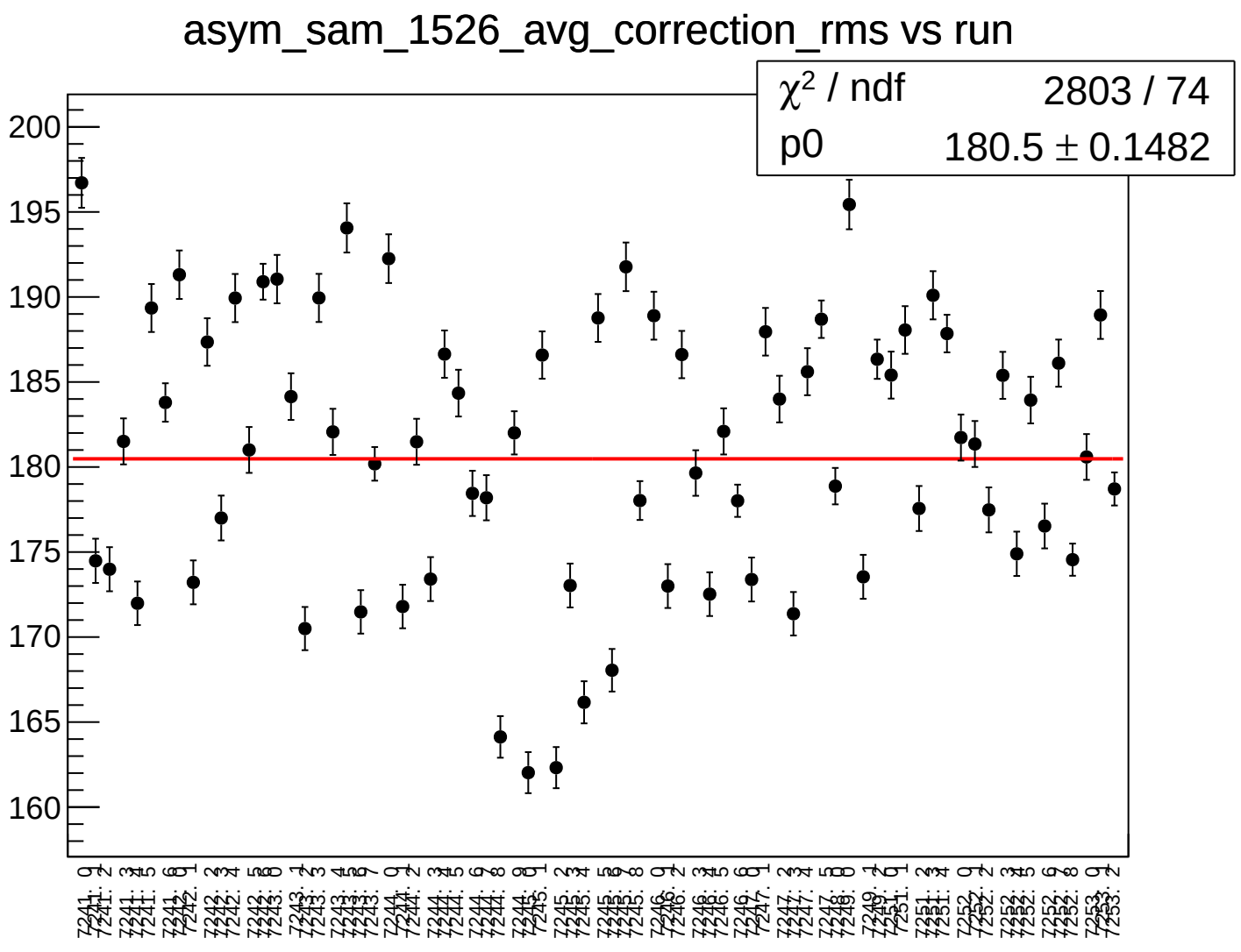

dit_asym_sam_1526_avg_mean vs run
χ² / ndf 86 / 74
p0 −0.1602 ± 58.25
pull
Entries 75
Mean −239.1
Std Dev 278.2

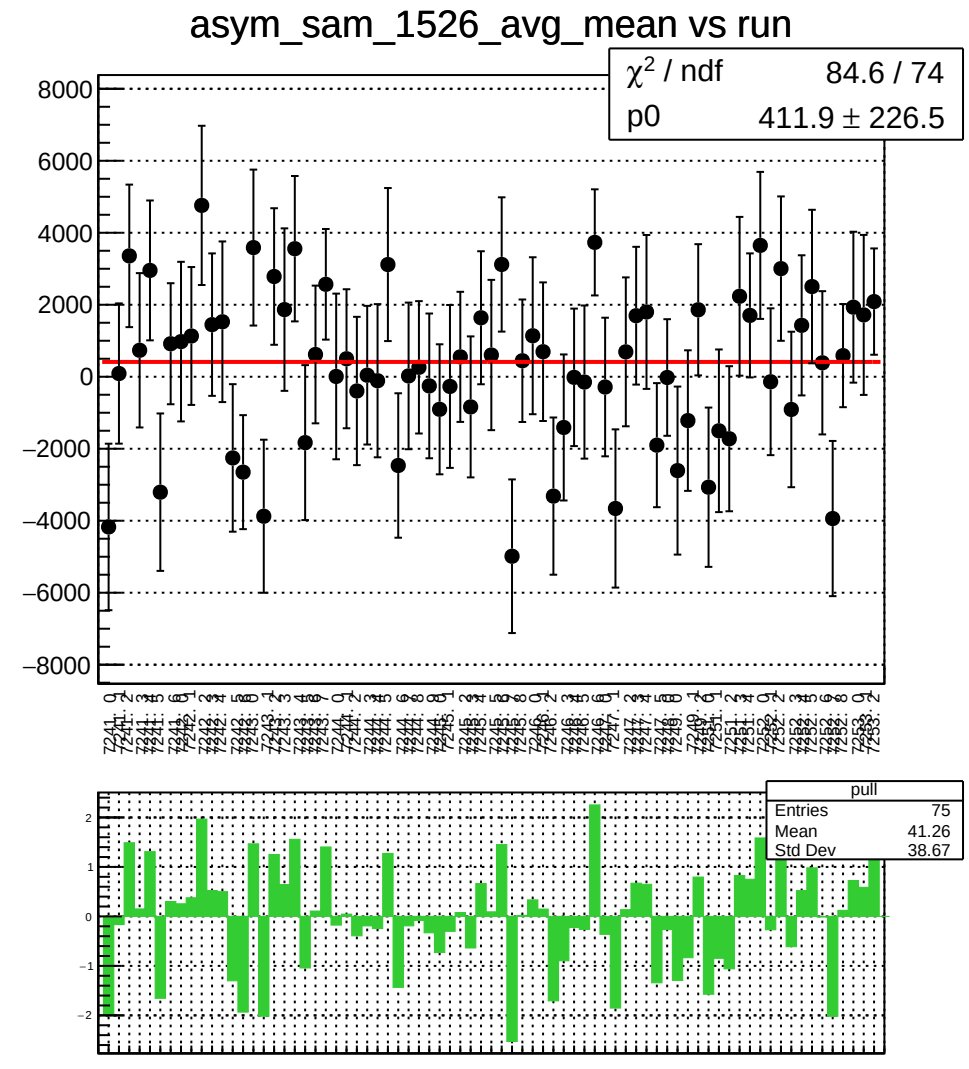

pull1D
Entries 75
Mean −0.01514
Std Dev 1.071

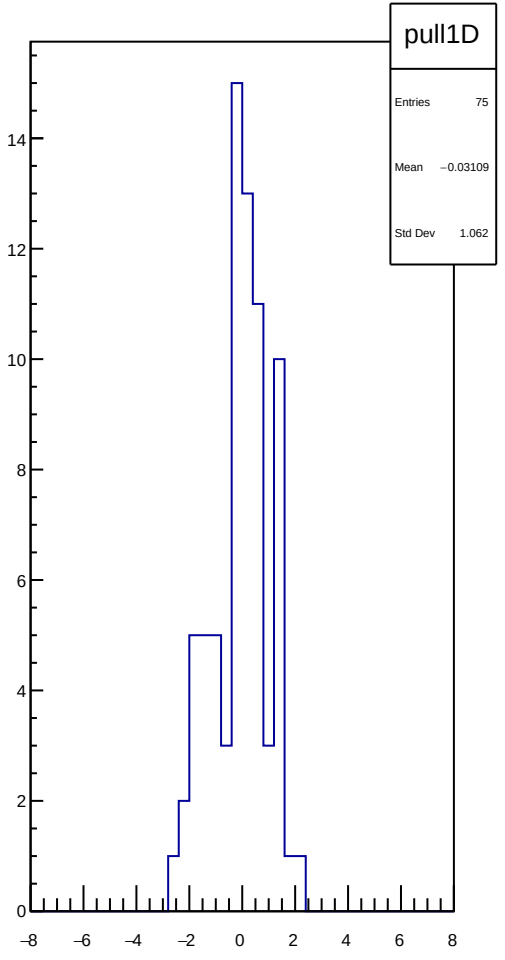

dit_asym_sam_1526_avg_rms vs run
χ² / ndf 5433 / 74
p0 50.13 ± 0.04119
60
58
56
54
52
50
48
46

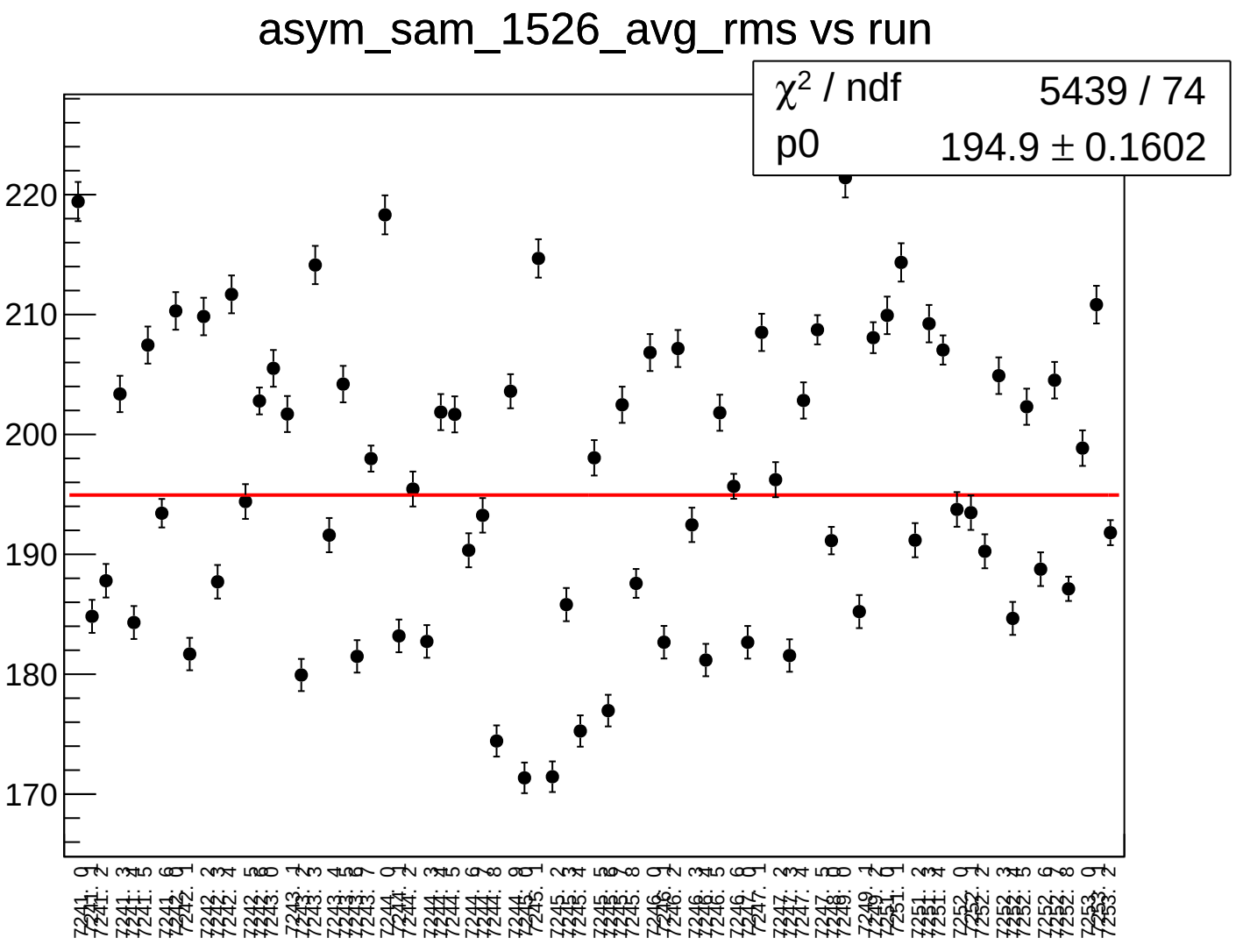

asym_sam_1526_avg_correction_mean vs run
χ² / ndf 83.74 / 74
p0 −395.5 ± 209.5
pull
Entries 75
Mean 89.62
Std Dev 67.34

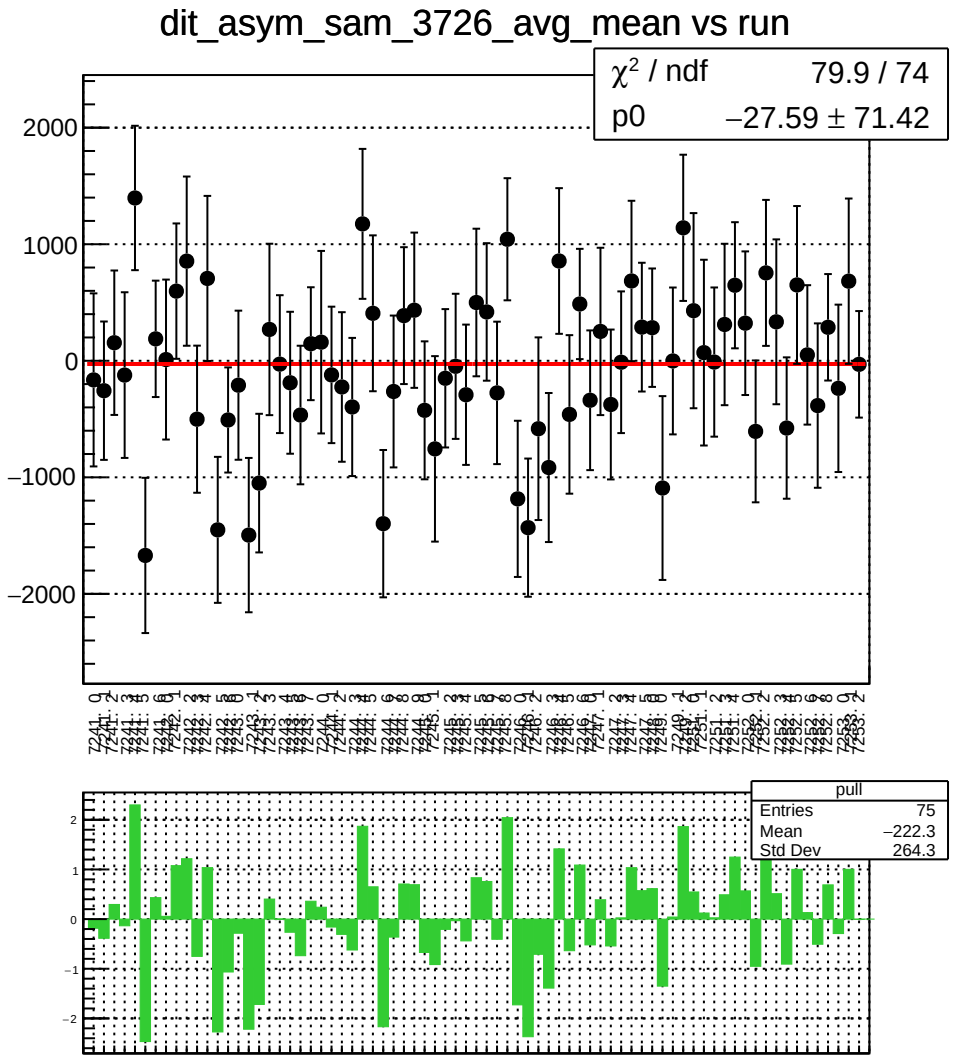

pull1D
Entries 75
Mean 0.02533
Std Dev 1.056

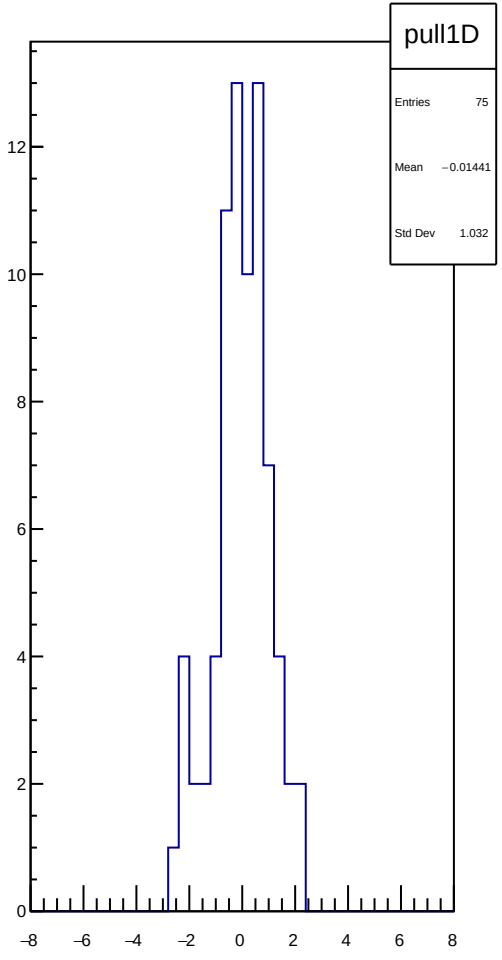

asym_sam_1526_avg_correction_rms vs run
χ² / ndf 2803 / 74
p0 180.5 ± 0.1482
200
195
190
185
180
175
170
165
160

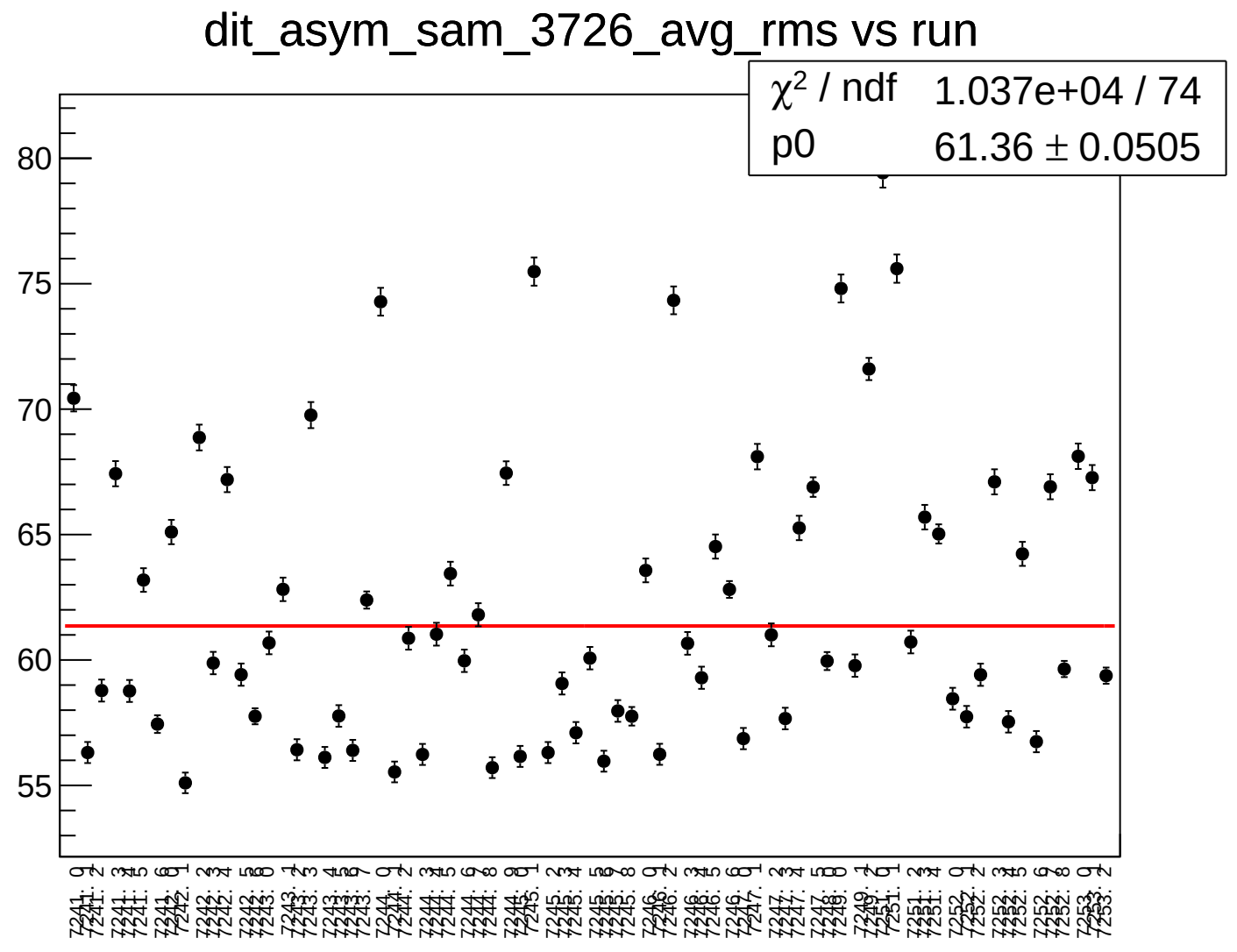

asym_sam_1526_avg_mean vs run
χ² / ndf 84.6 / 74
p0 411.9 ± 226.5
pull
Entries 75
Mean 41.26
Std Dev 38.67

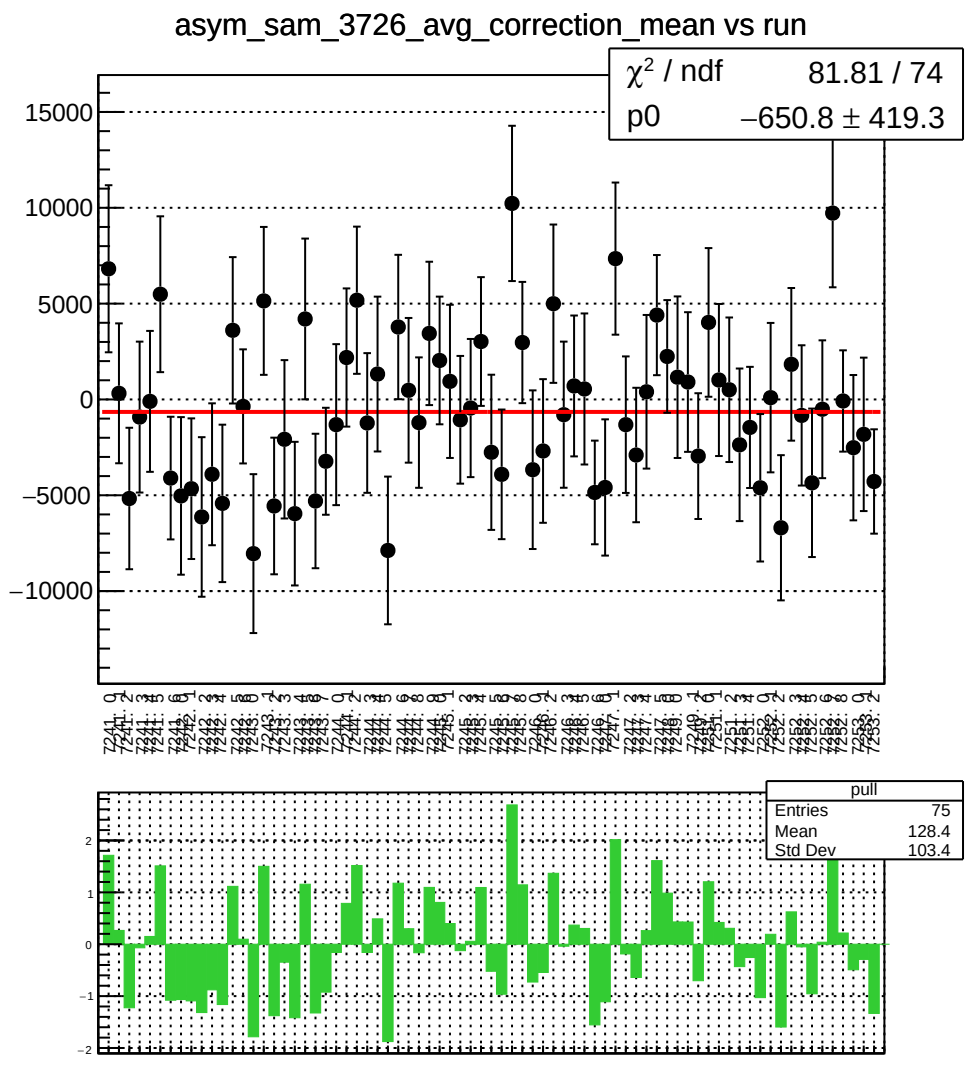

pull1D
Entries 75
Mean −0.03109
Std Dev 1.062

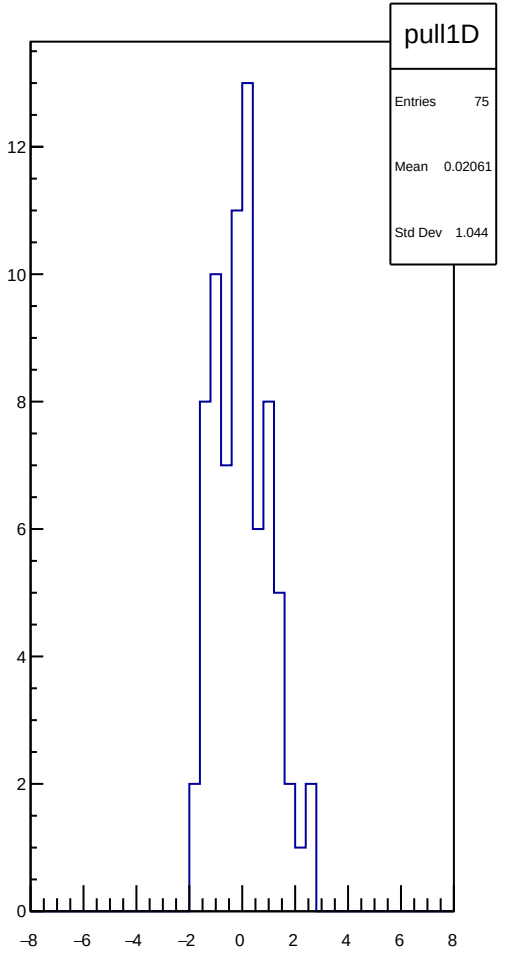

asym_sam_1526_avg_rms vs run
χ^2 / ndf 5439 / 74
p0 194.9 ± 0.1602
220
210
200
190
180
170

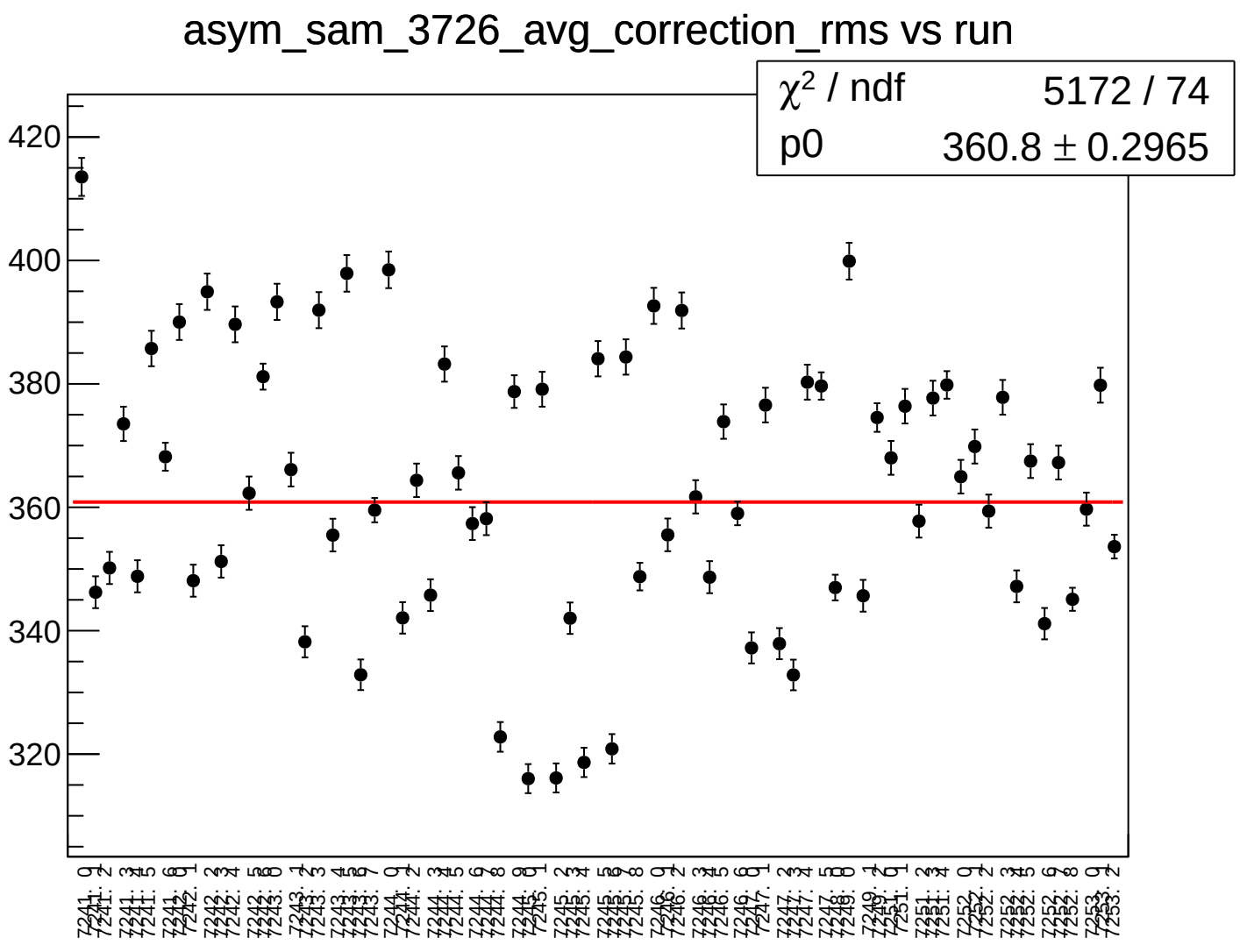

dit_asym_sam_3726_avg_mean vs run
χ² / ndf 79.9 / 74
p0 −27.59 ± 71.42
2000
1000
0
−1000
−2000
pull
Entries 75
Mean −222.3
Std Dev 264.3
2
1
0
−1
−2

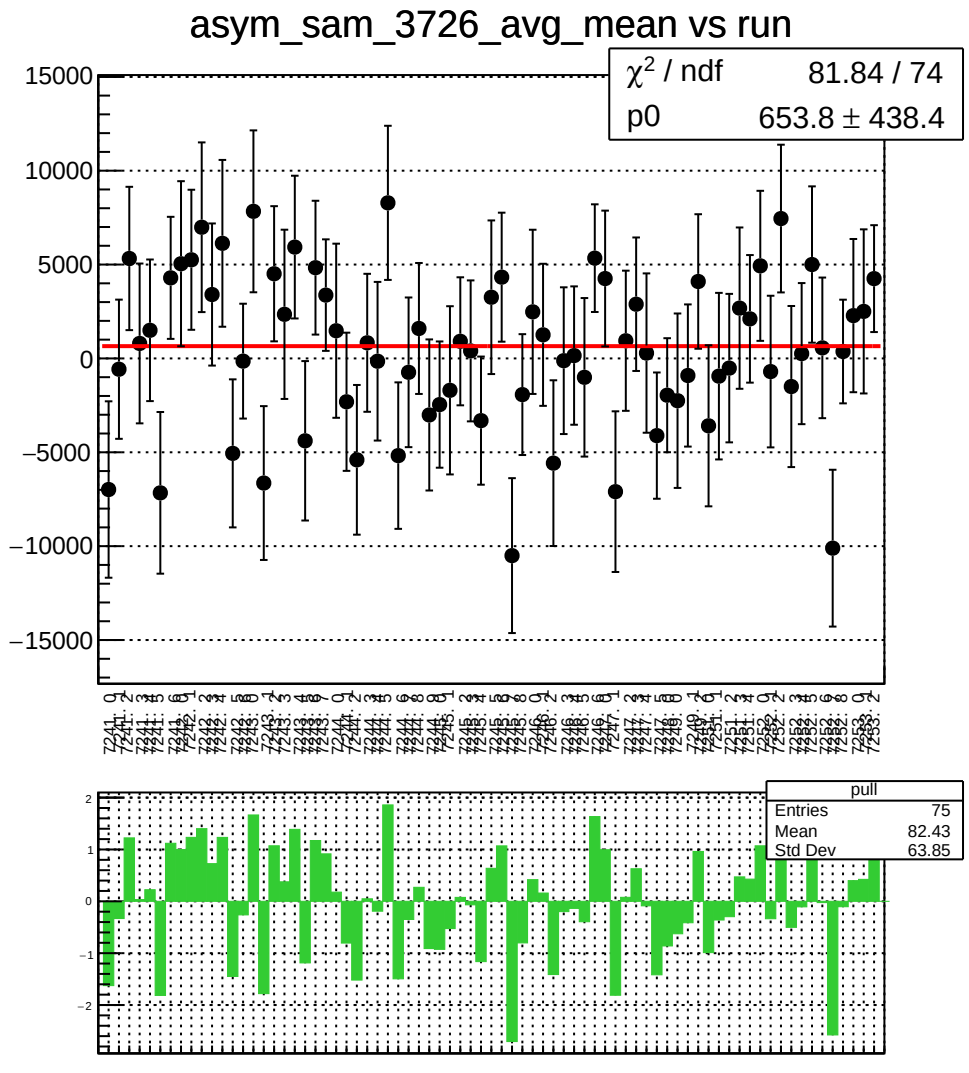

pull1D
Entries 75
Mean −0.01441
Std Dev 1.032
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

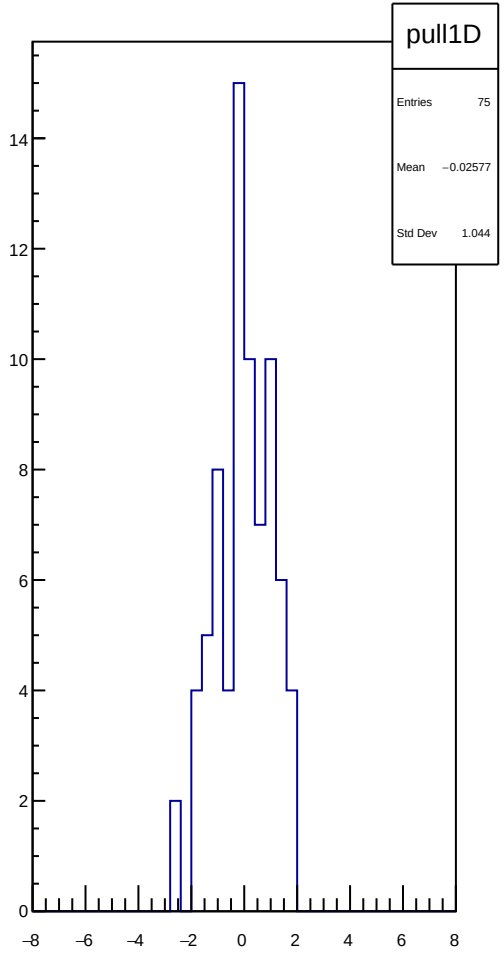

dit_asym_sam_3726_avg_rms vs run
χ² / ndf 1.037e+04 / 74
p0 61.36 ± 0.0505
80
75
70
65
60
55

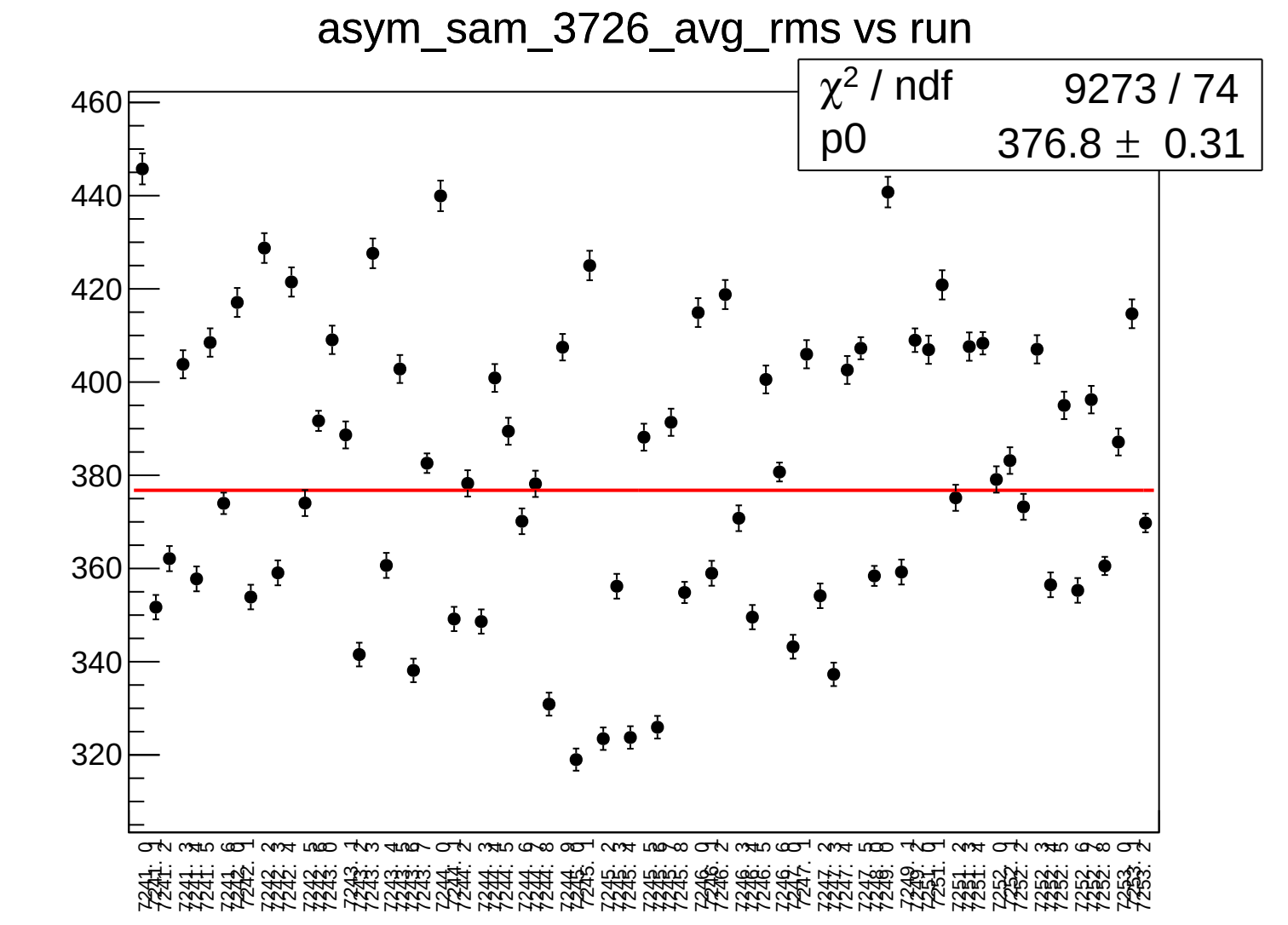

asym_sam_3726_avg_correction_mean vs run
χ² / ndf 81.81 / 74
p0 −650.8 ± 419.3
15000
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 128.4
Std Dev 103.4
2
1
0
−1
−2

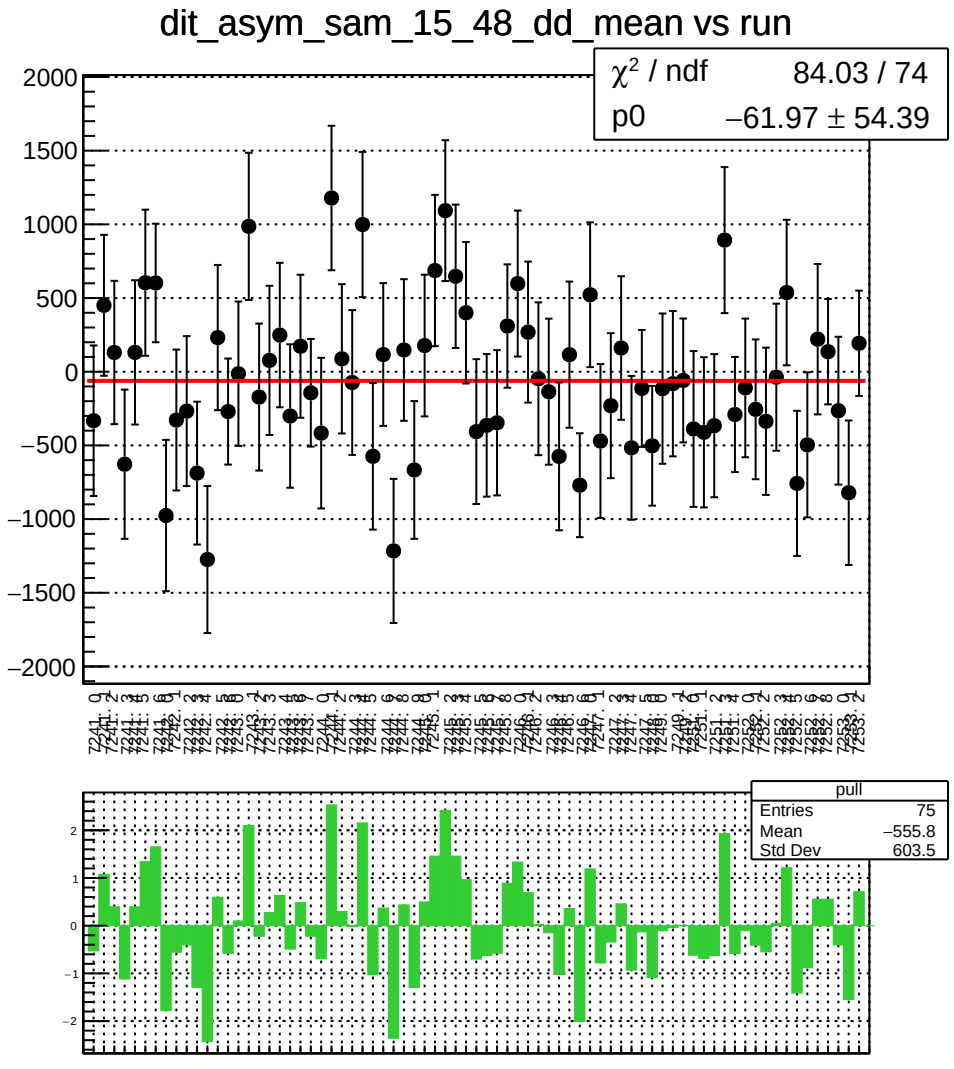

pull1D
Entries 75
Mean 0.02061
Std Dev 1.044
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

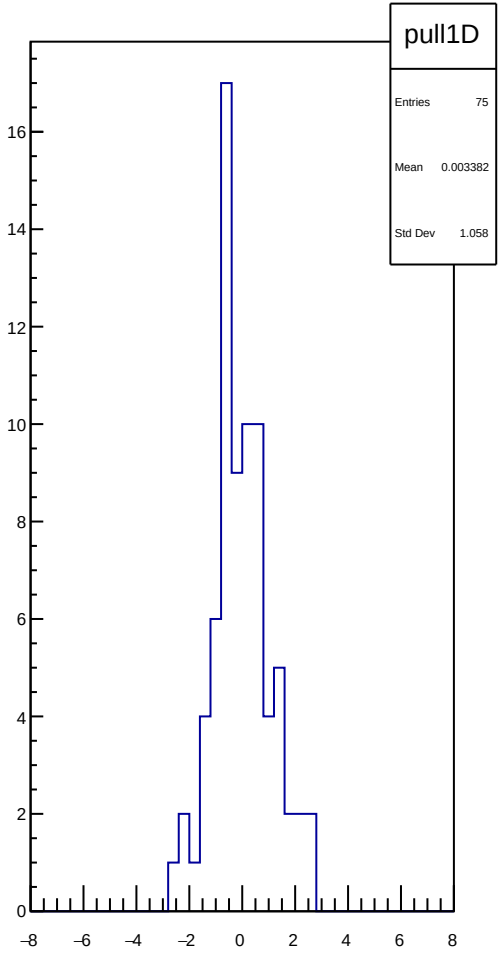

asym_sam_3726_avg_correction_rms vs run
χ² / ndf 5172 / 74
p0 360.8 ± 0.2965
420
400
380
360
340
320

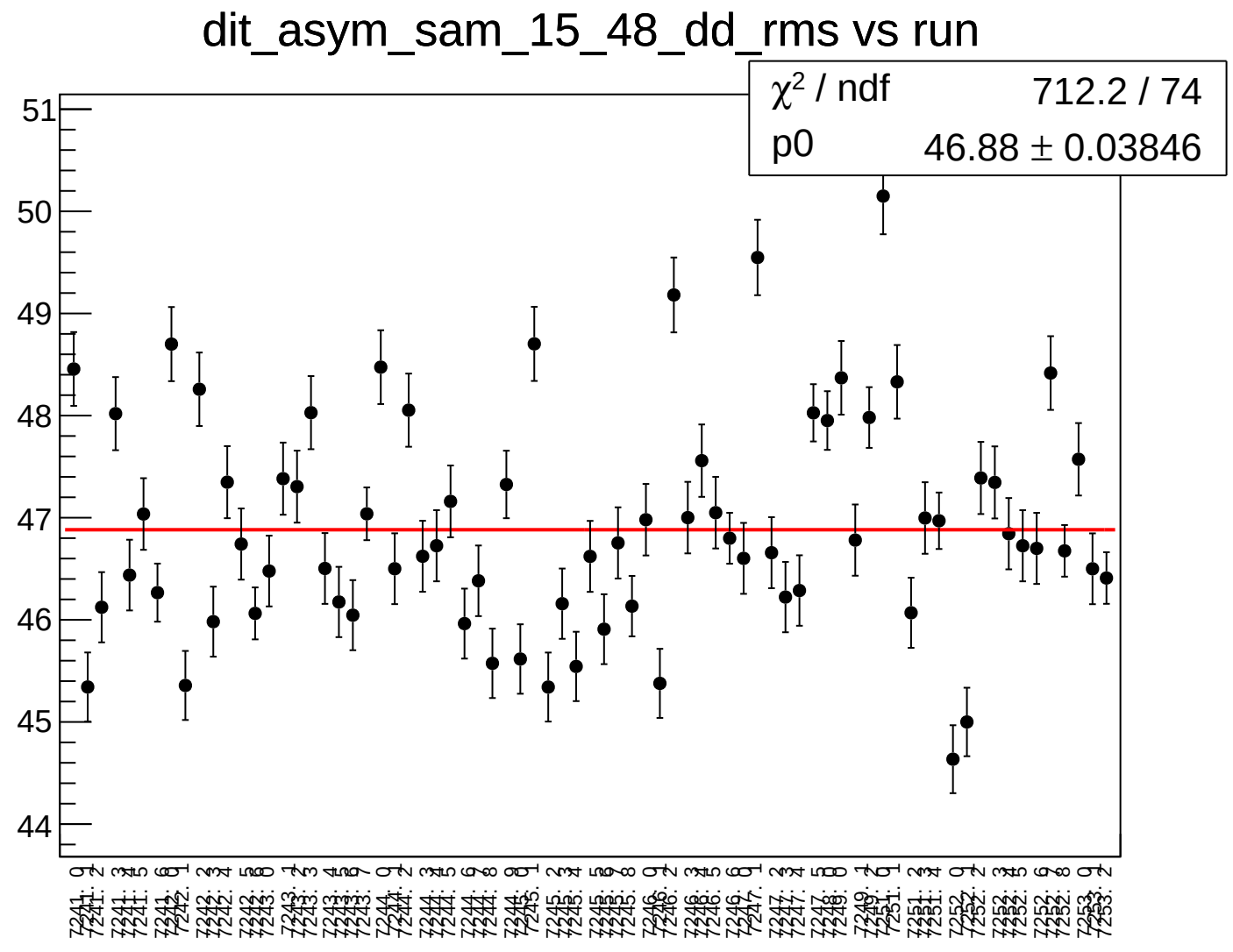

asym_sam_3726_avg_mean vs run
χ^2 / ndf 81.84 / 74
p0 653.8 ± 438.4
pull
Entries 75
Mean 82.43
Std Dev 63.85

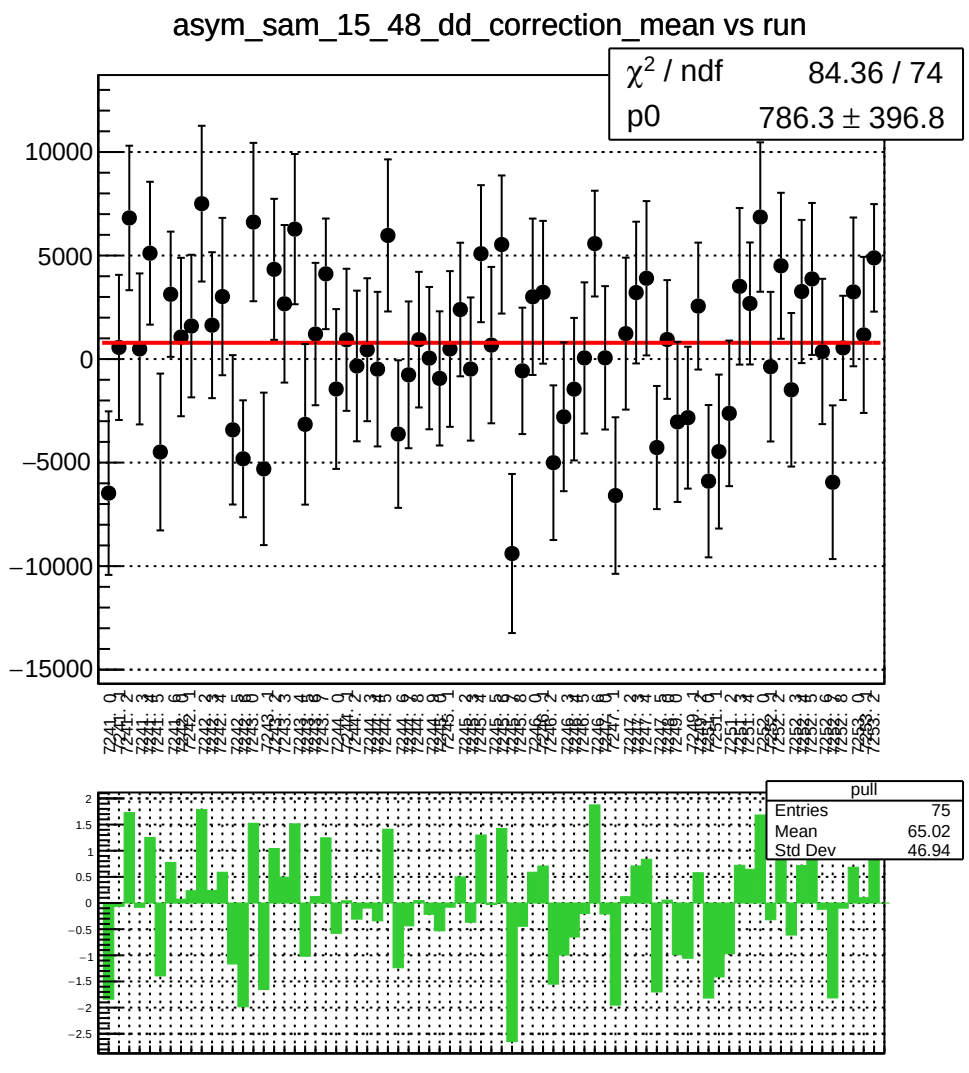

pull1D
Entries 75
Mean −0.02577
Std Dev 1.044

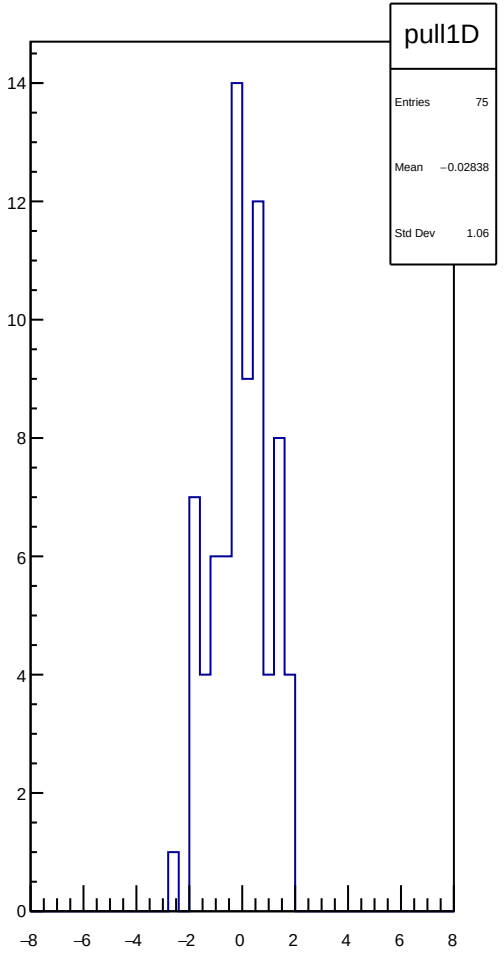

asym_sam_3726_avg_rms vs run
χ² / ndf 9273 / 74
p0 376.8 ± 0.31
460
440
420
400
380
360
340
320

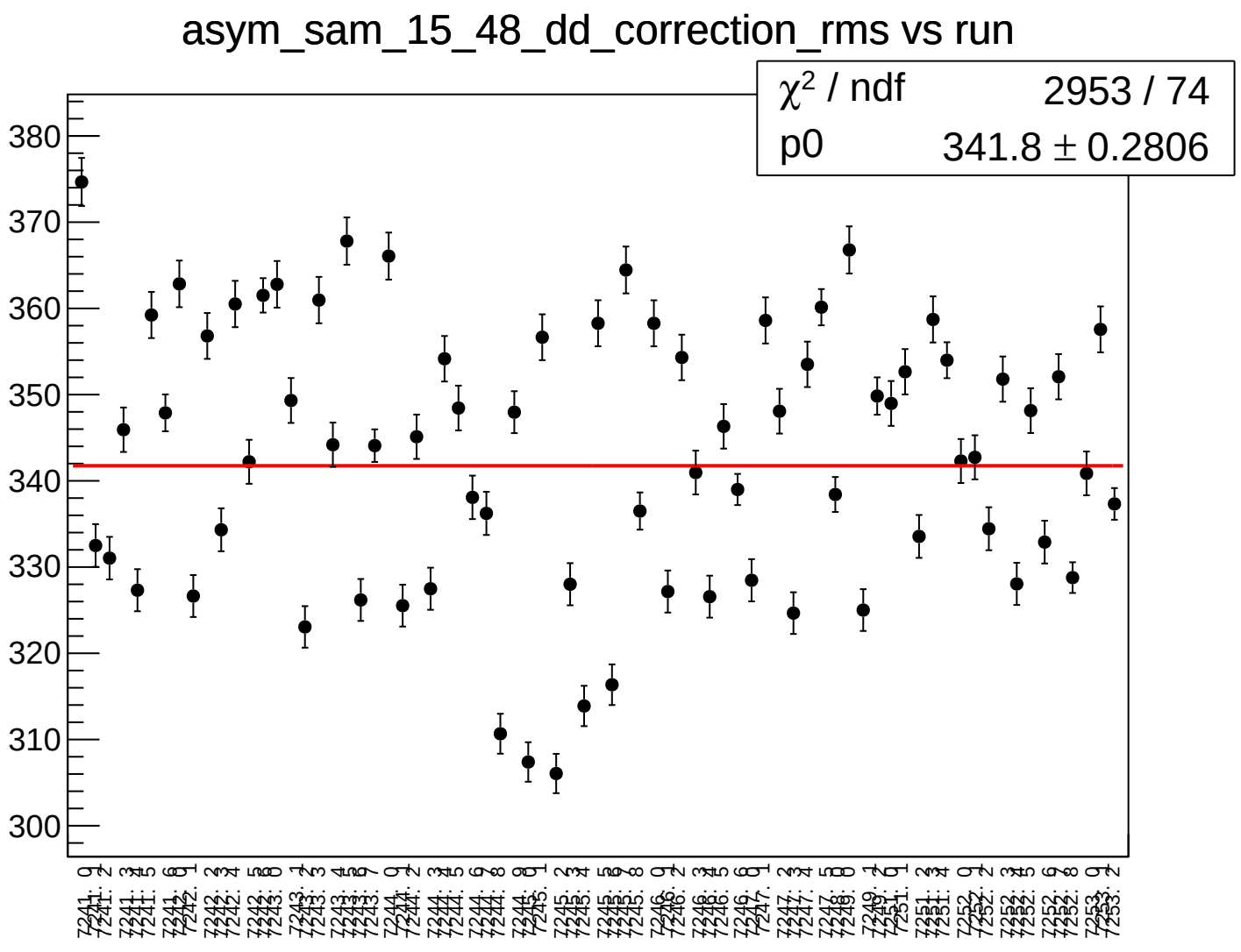

dit_asym_sam_15_48_dd_mean vs run
χ² / ndf 84.03 / 74
p0 −61.97 ± 54.39
pull
Entries 75
Mean −555.8
Std Dev 603.5

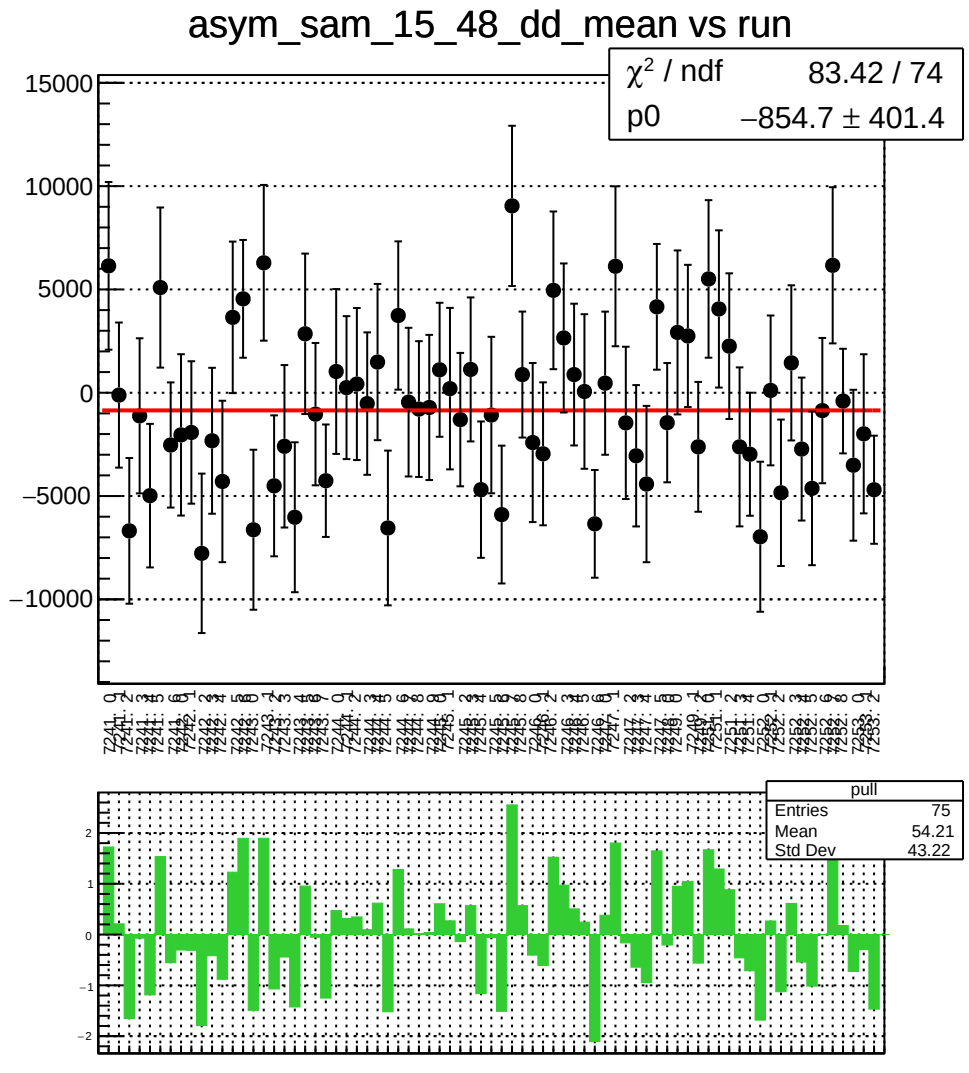

pull1D
Entries 75
Mean 0.003382
Std Dev 1.058

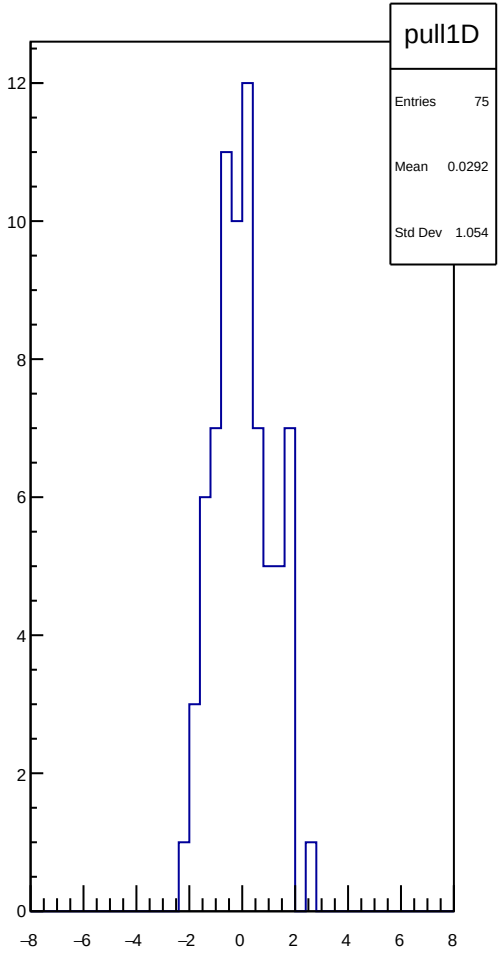

dit_asym_sam_15_48_dd_rms vs run
χ^2 / ndf 712.2 / 74
p0 46.88 ± 0.03846
51
50
49
48
47
46
45
44

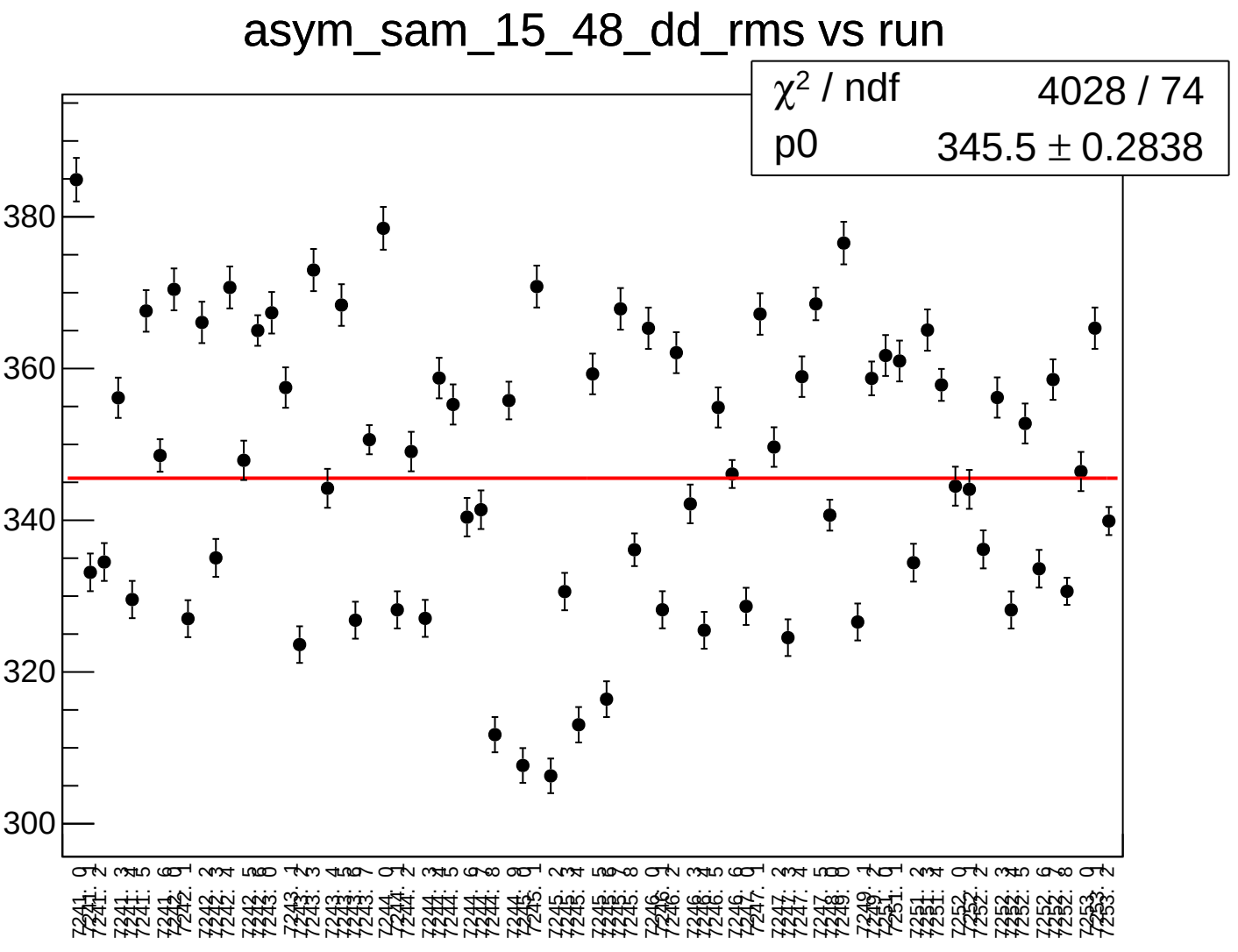

asym_sam_15_48_dd_correction_mean vs run
χ² / ndf 84.36 / 74
p0 786.3 ± 396.8
10000
5000
0
−5000
−10000
−15000
pull
Entries 75
Mean 65.02
Std Dev 46.94
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

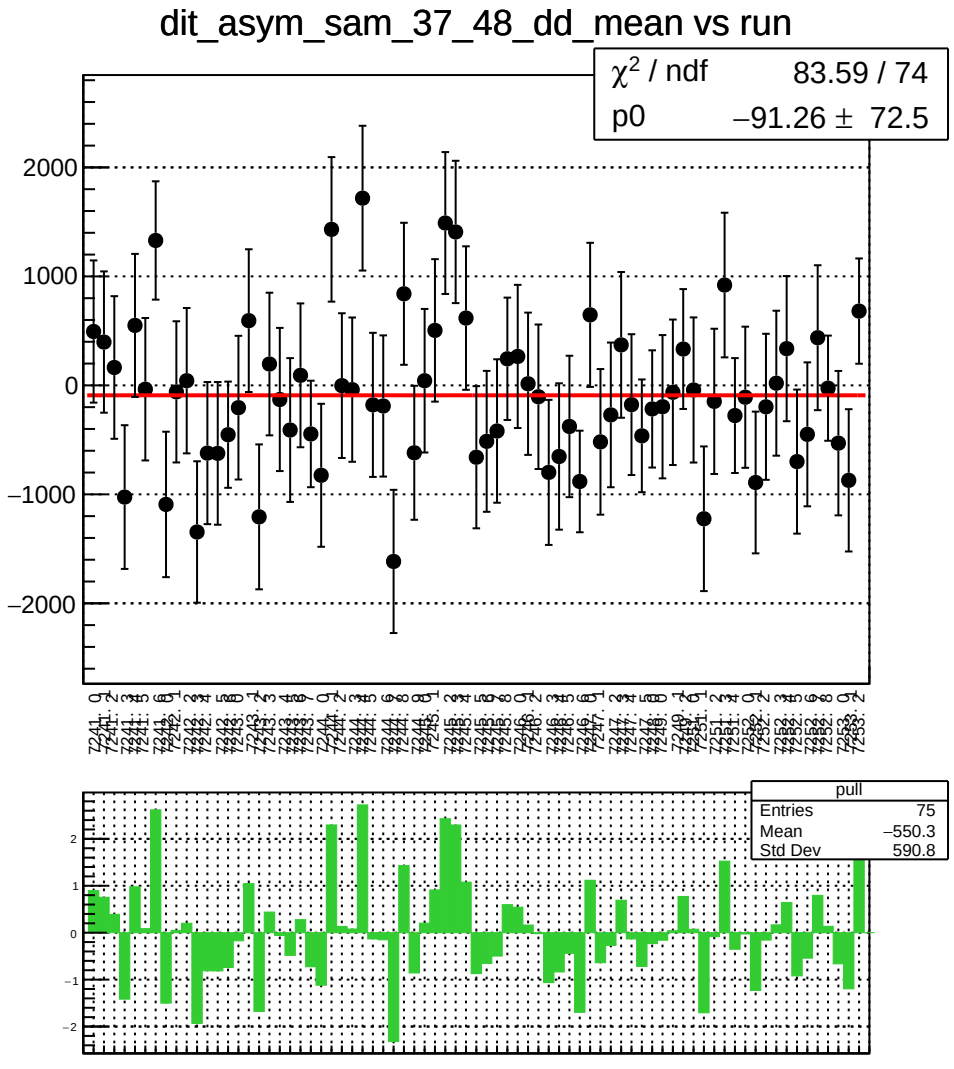

pull1D
Entries 75
Mean −0.02838
Std Dev 1.06
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

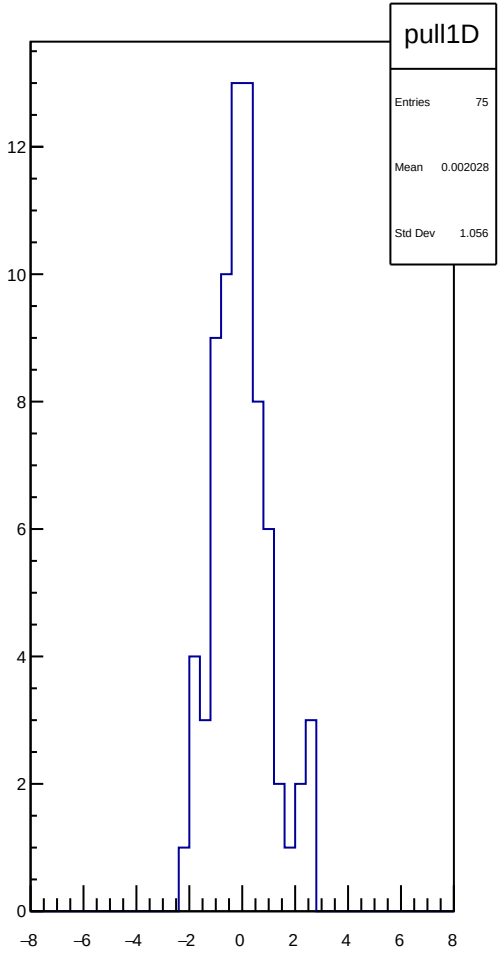

asym_sam_15_48_dd_correction_rms vs run
χ² / ndf 2953 / 74
p0 341.8 ± 0.2806
380
370
360
350
340
330
320
310
300

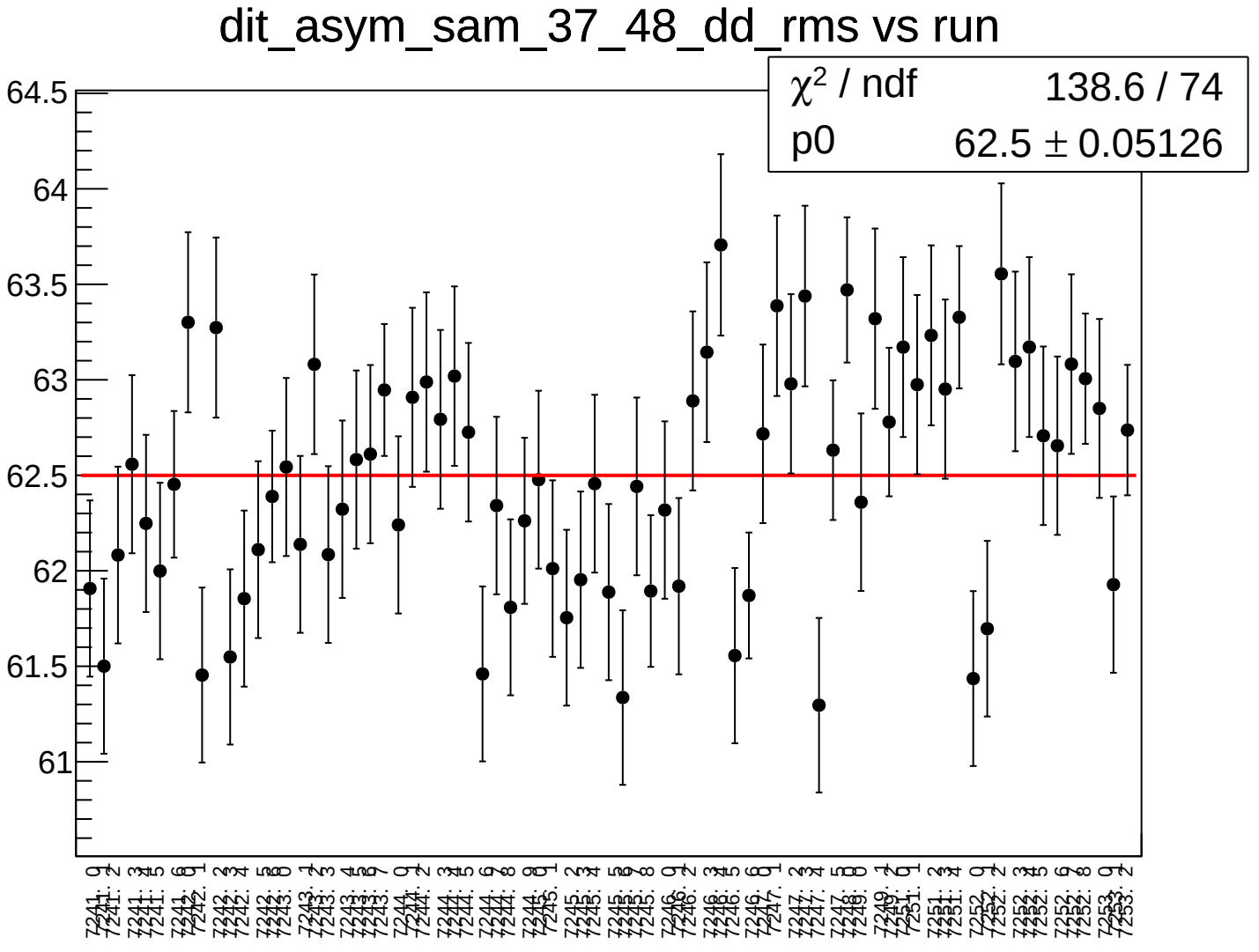

asym_sam_15_48_dd_mean vs run
χ² / ndf 83.42 / 74
p0 −854.7 ± 401.4
15000
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 54.21
Std Dev 43.22
2
1
0
−1
−2

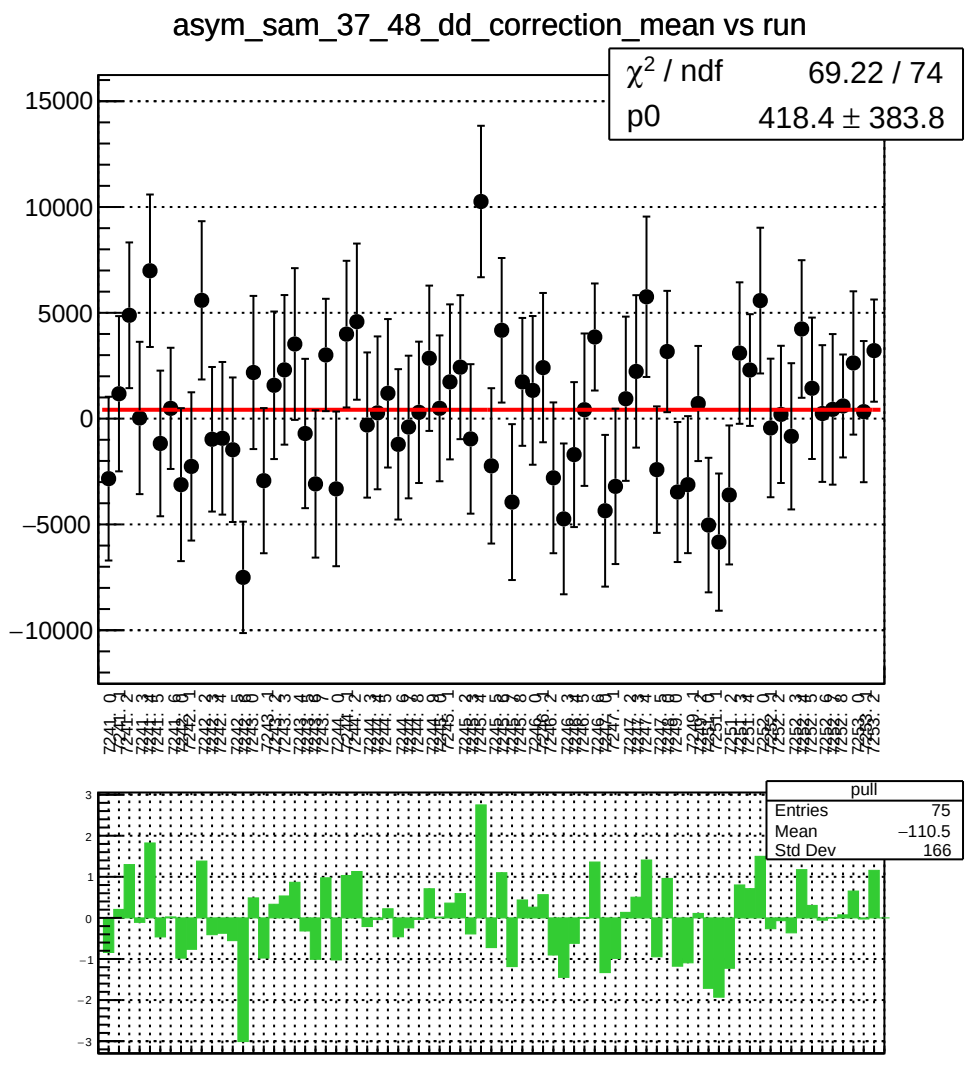

pull1D
Entries 75
Mean 0.0292
Std Dev 1.054
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

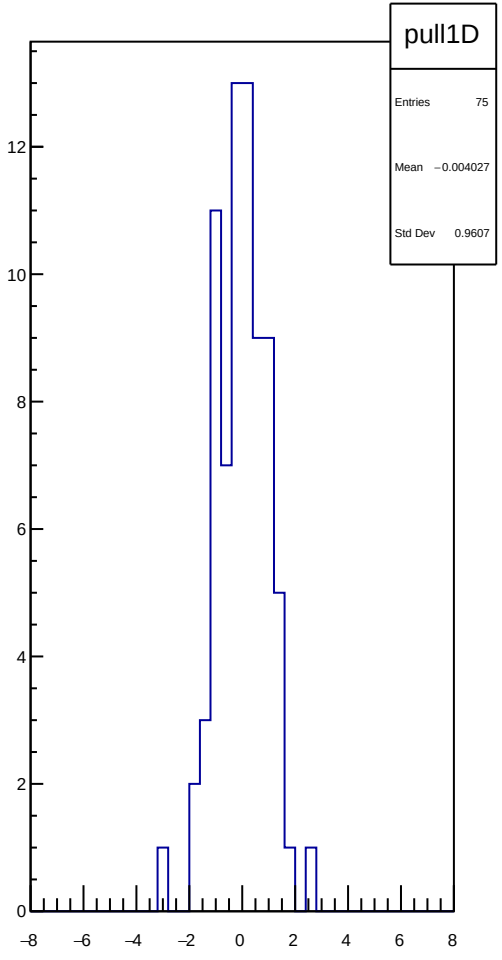

asym_sam_15_48_dd_rms vs run
χ² / ndf 4028 / 74
p0 345.5 ± 0.2838
380
360
340
320
300

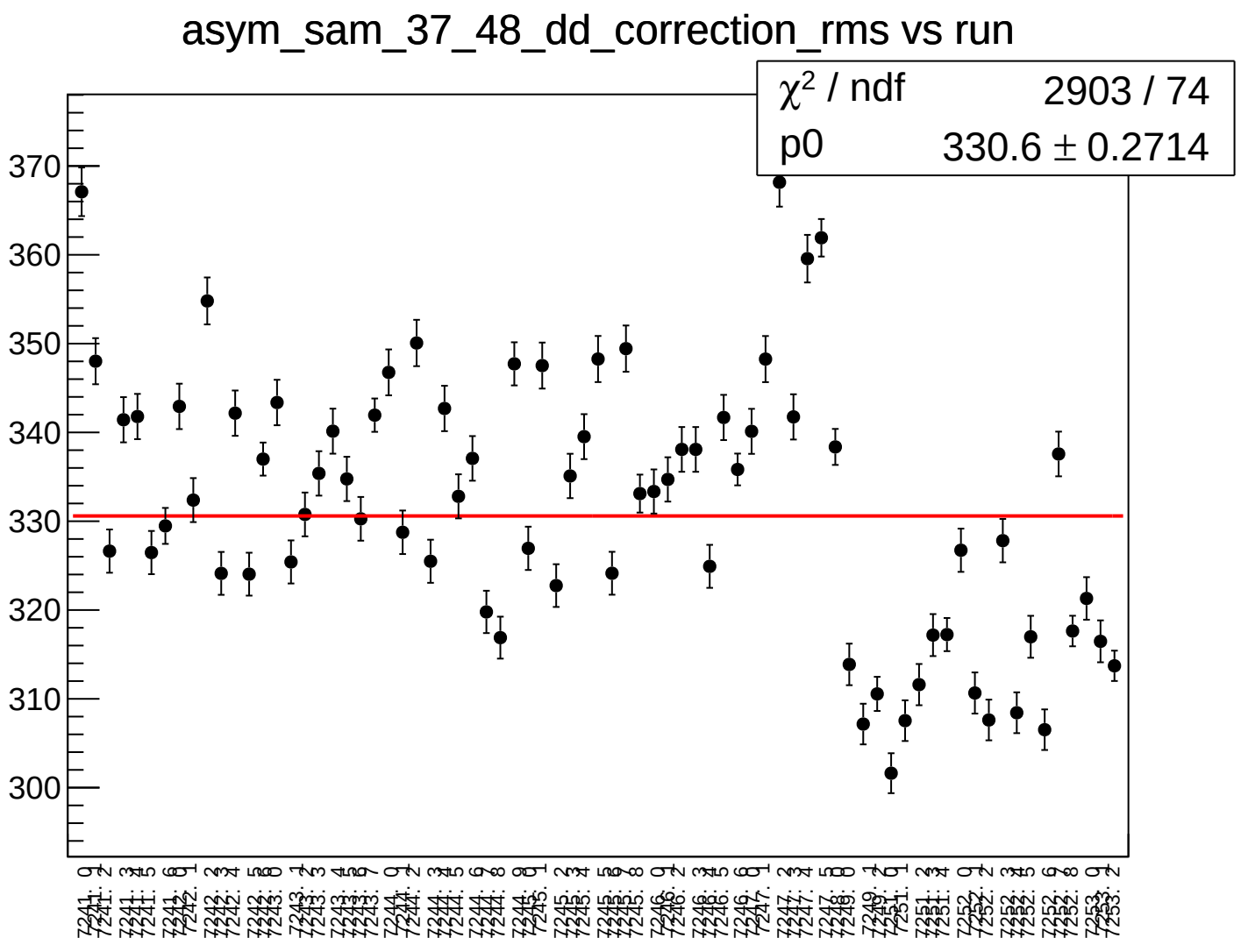

dit_asym_sam_37_48_dd_mean vs run
χ² / ndf 83.59 / 74
p0 −91.26 ± 72.5
2000
1000
0
−1000
−2000
pull
Entries 75
Mean −550.3
Std Dev 590.8
2
1
0
−1
−2

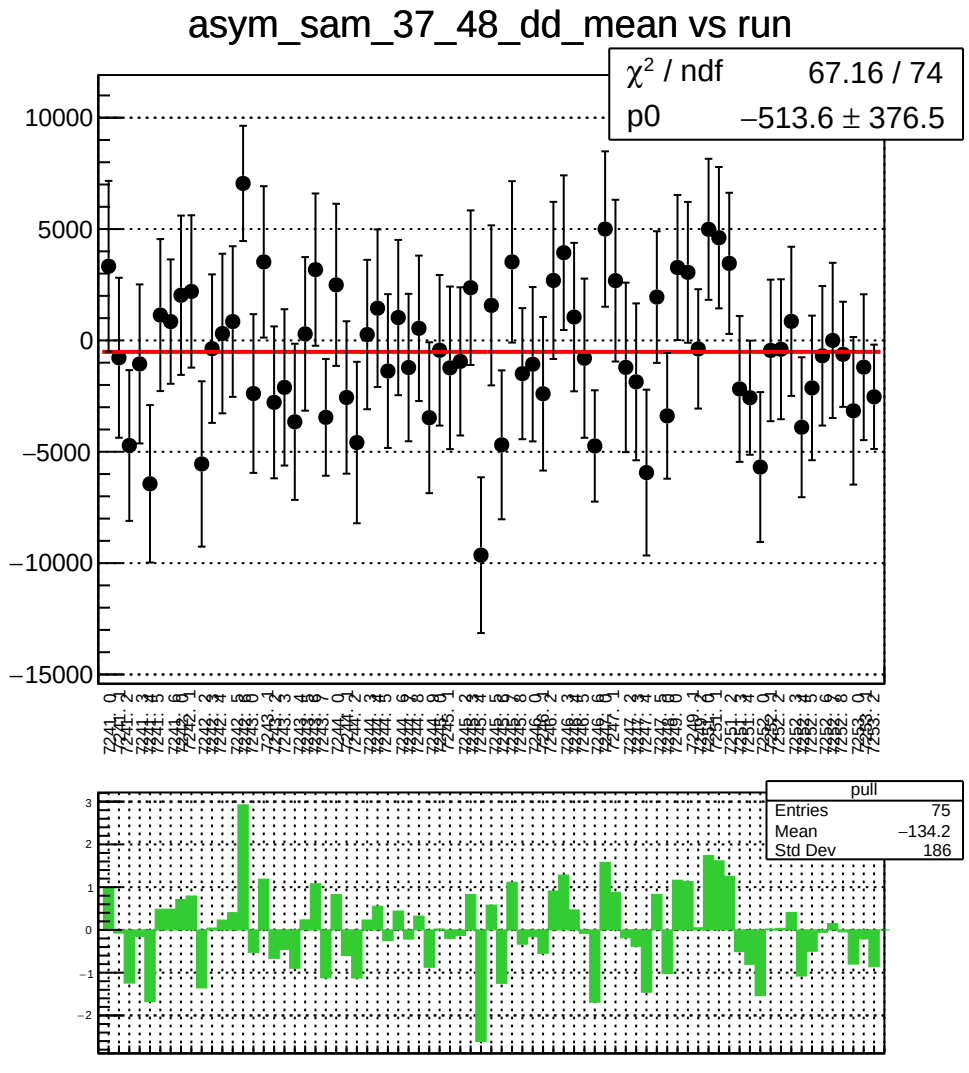

pull1D
Entries 75
Mean 0.002028
Std Dev 1.056
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

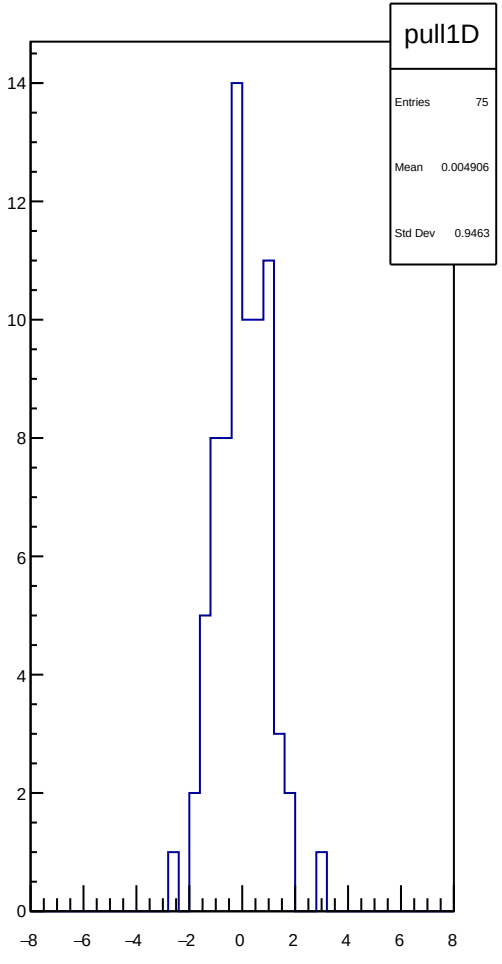

dit_asym_sam_37_48_dd_rms vs run
χ² / ndf 138.6 / 74
p0 62.5 ± 0.05126
64.5
64
63.5
63
62.5
62
61.5
61

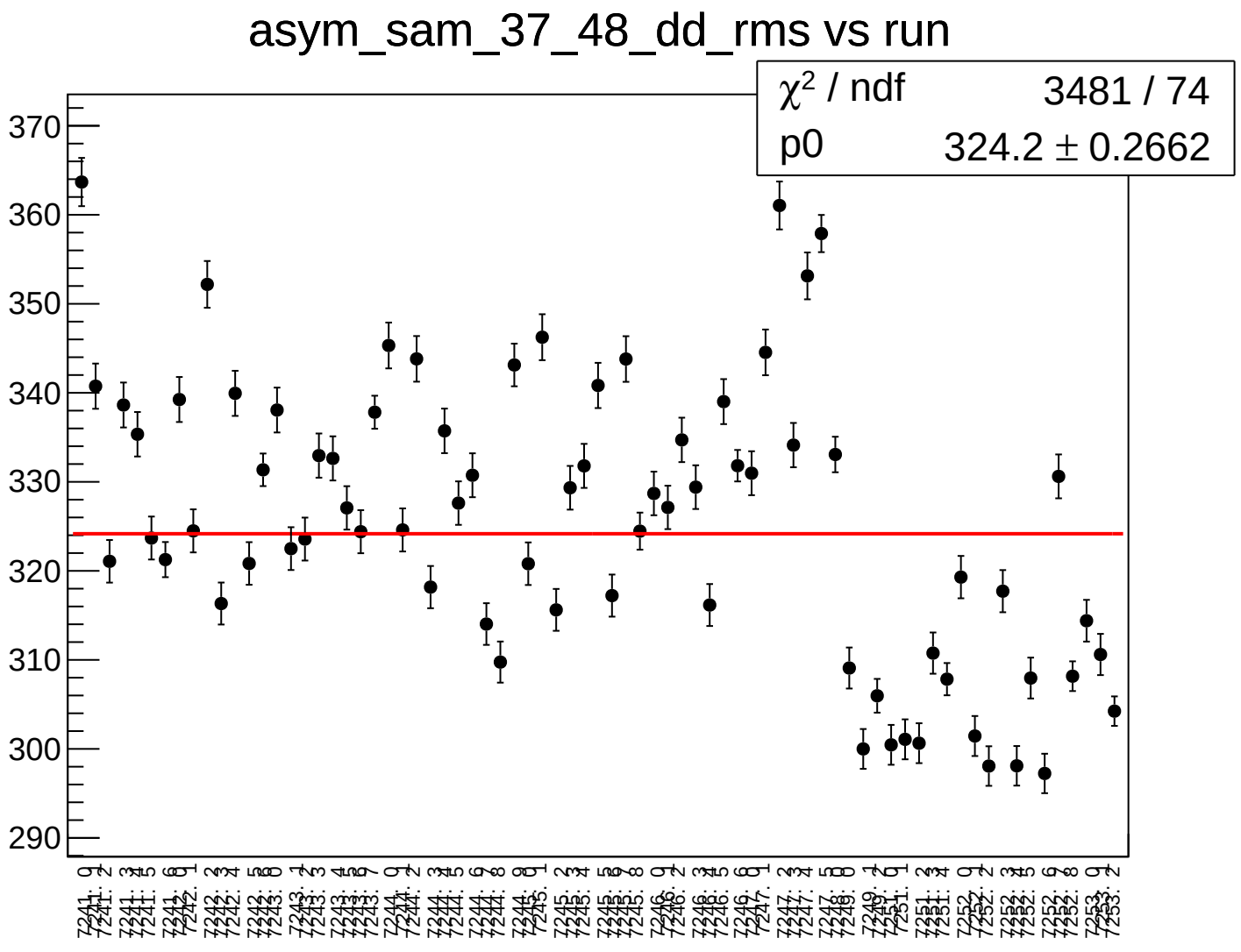

asym_sam_37_48_dd_correction_mean vs run
χ² / ndf 69.22 / 74
p0 418.4 ± 383.8
pull
Entries 75
Mean −110.5
Std Dev 166

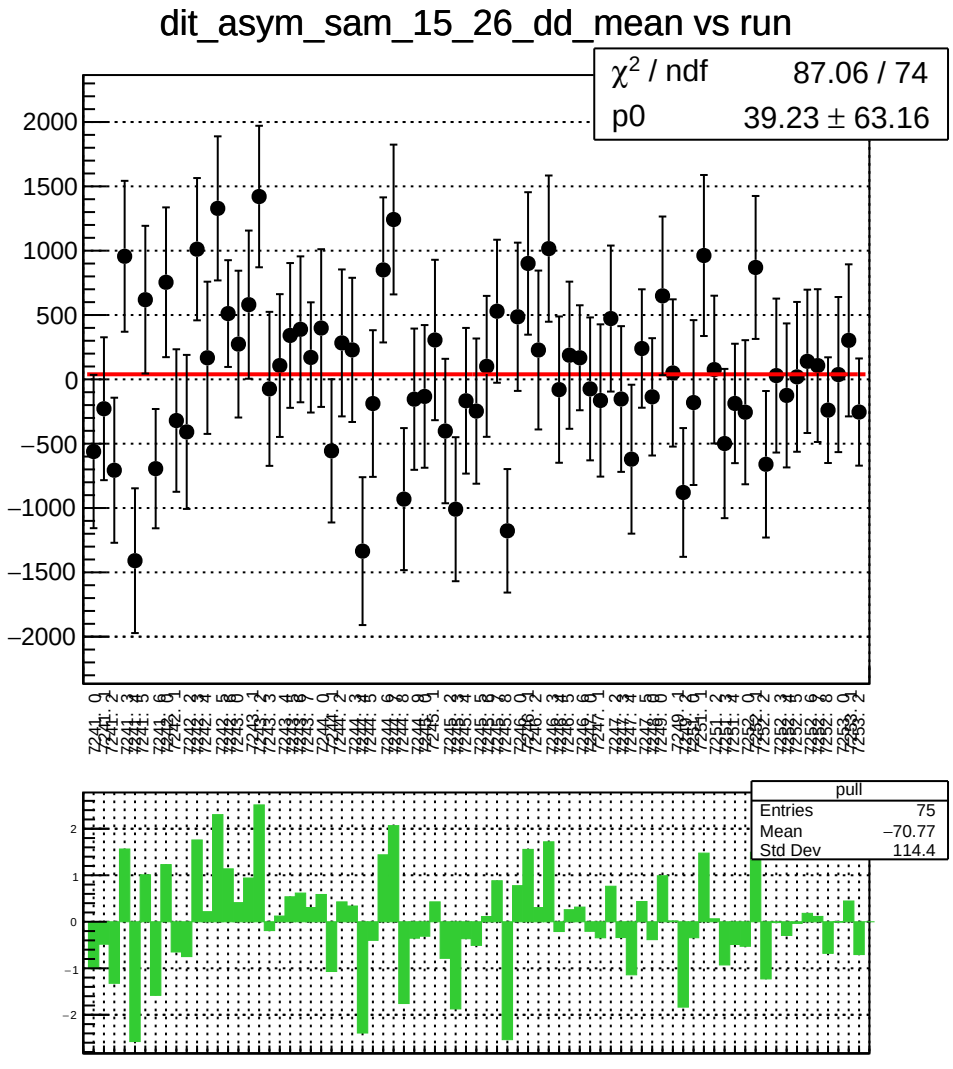

pull1D
Entries 75
Mean −0.004027
Std Dev 0.9607

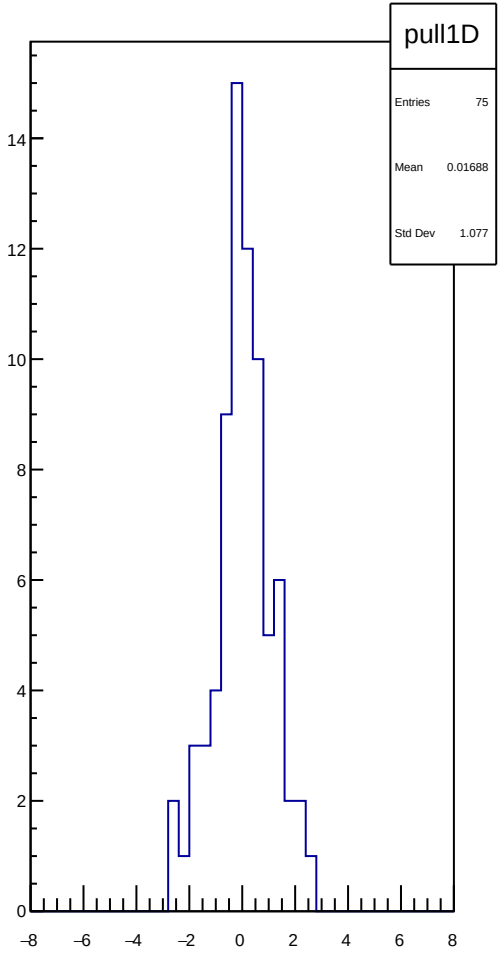

asym_sam_37_48_dd_correction_rms vs run
χ² / ndf 2903 / 74
p0 330.6 ± 0.2714
370
360
350
340
330
320
310
300

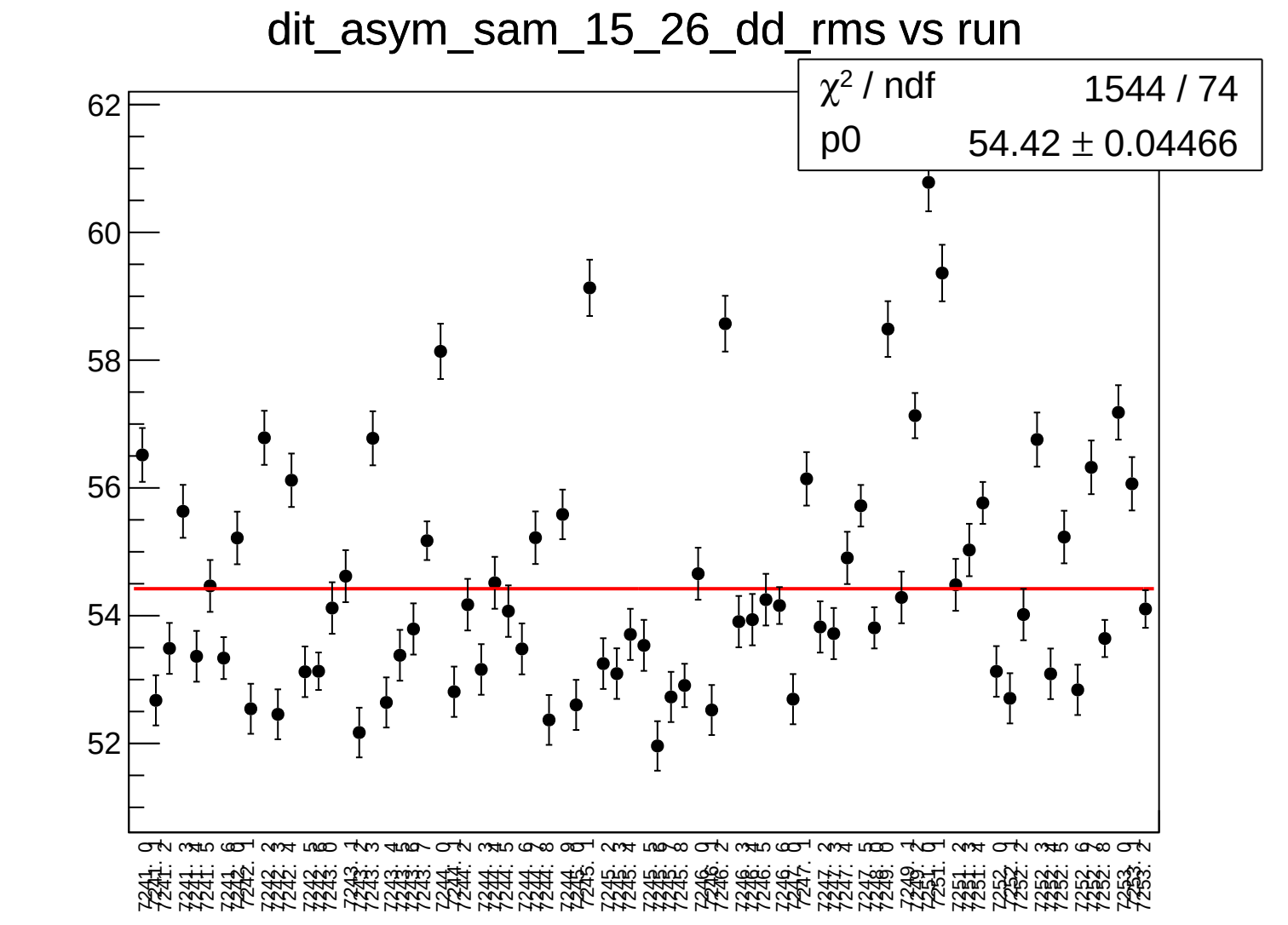

asym_sam_37_48_dd_mean vs run
χ² / ndf 67.16 / 74
p0 −513.6 ± 376.5
10000
5000
0
−5000
−10000
−15000
pull
Entries 75
Mean −134.2
Std Dev 186
3
2
1
0
−1
−2

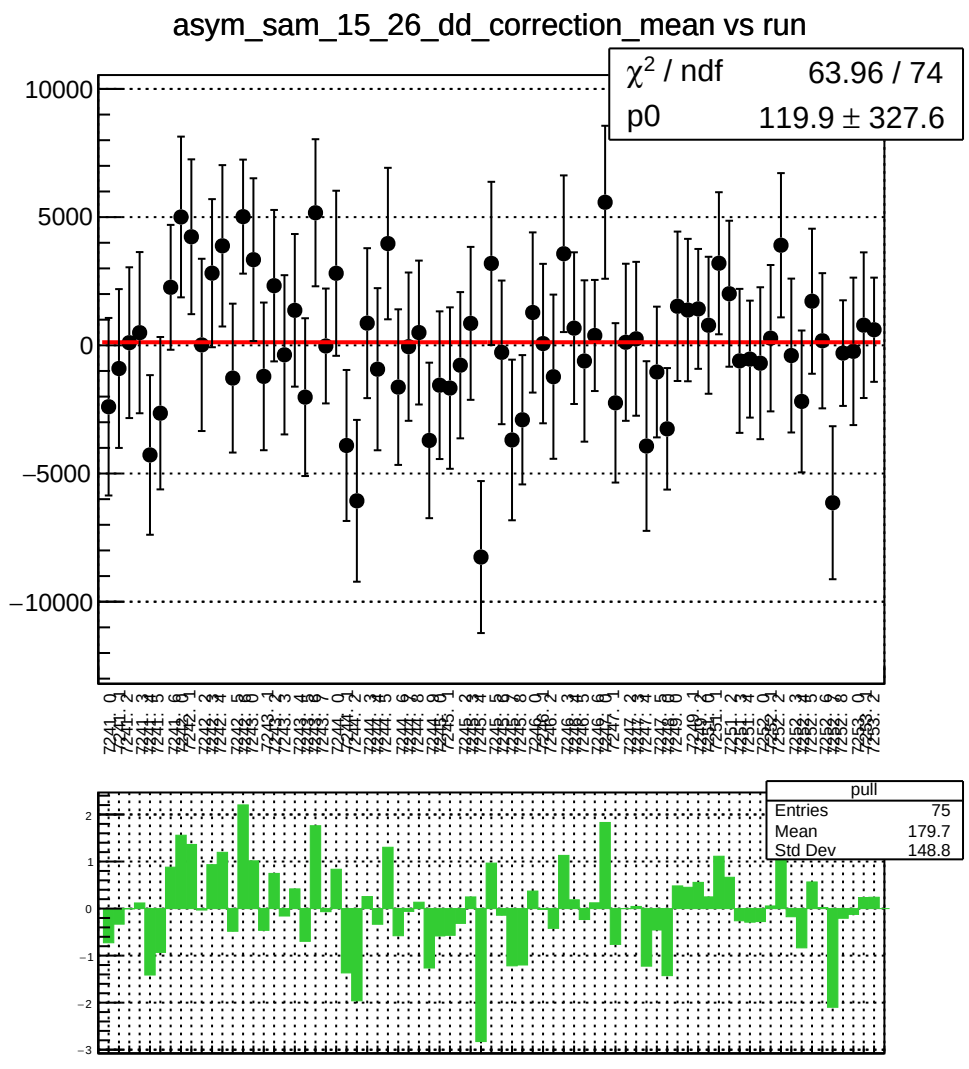

pull1D
Entries 75
Mean 0.004906
Std Dev 0.9463
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

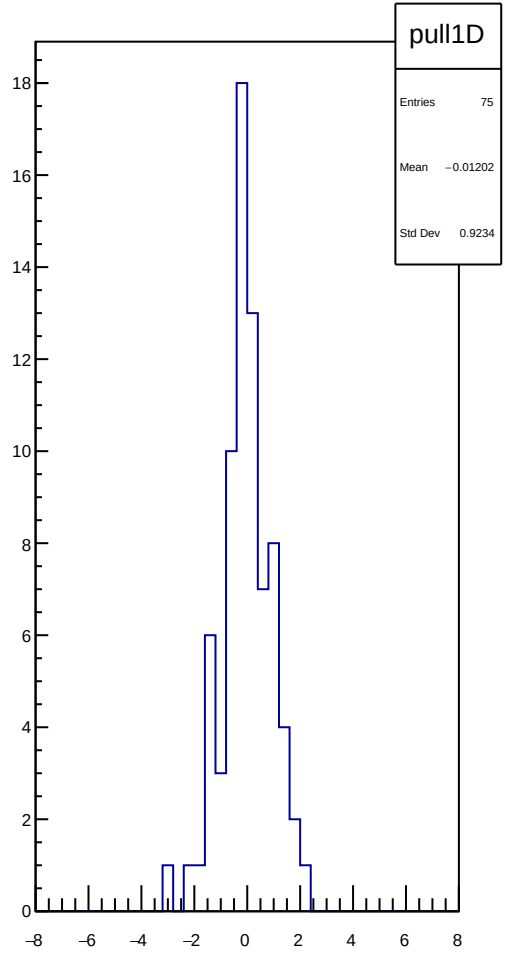

asym_sam_37_48_dd_rms vs run
χ² / ndf 3481 / 74
p0 324.2 ± 0.2662
370
360
350
340
330
320
310
300
290

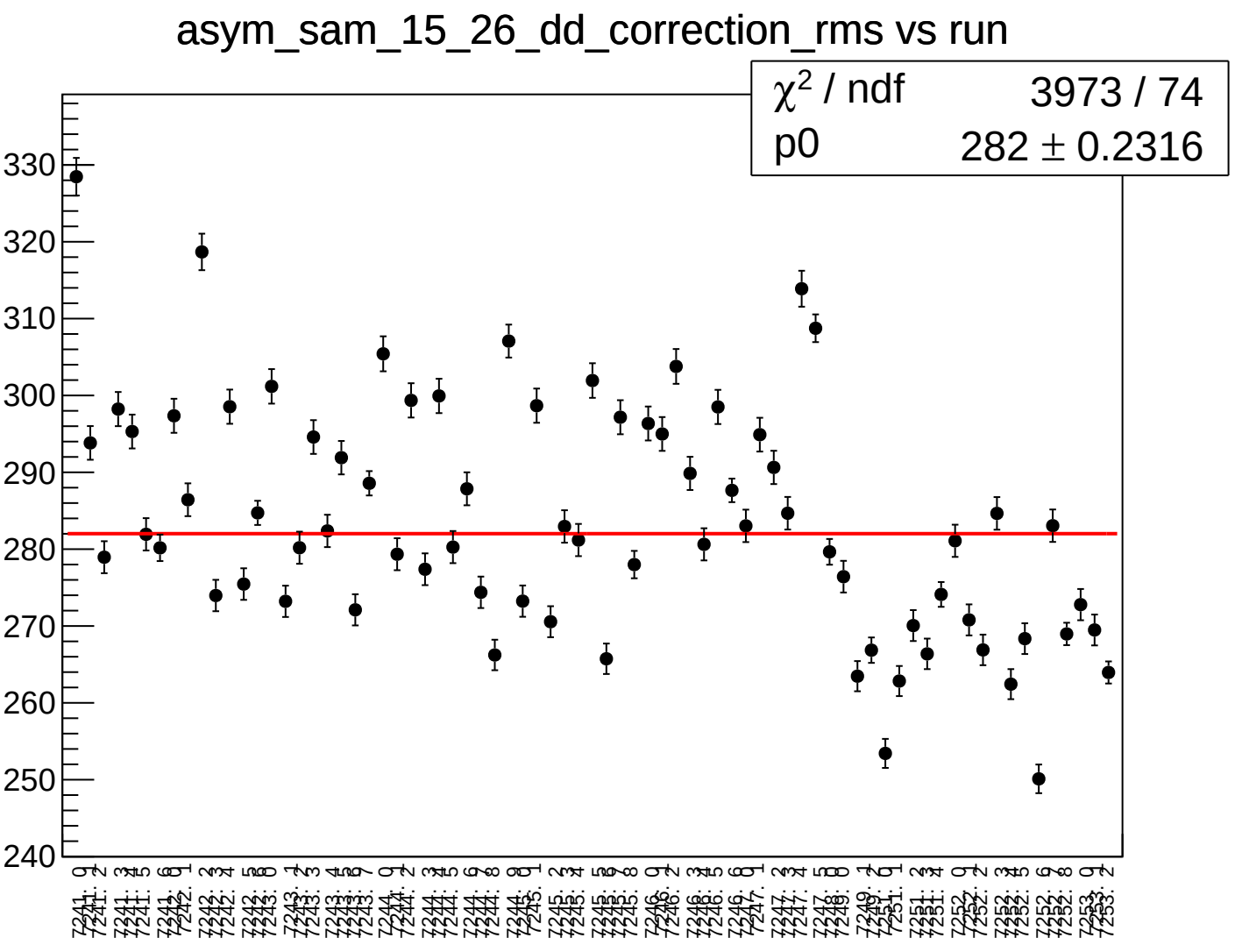

dit_asym_sam_15_26_dd_mean vs run
χ² / ndf 87.06 / 74
p0 39.23 ± 63.16
pull
Entries 75
Mean −70.77
Std Dev 114.4

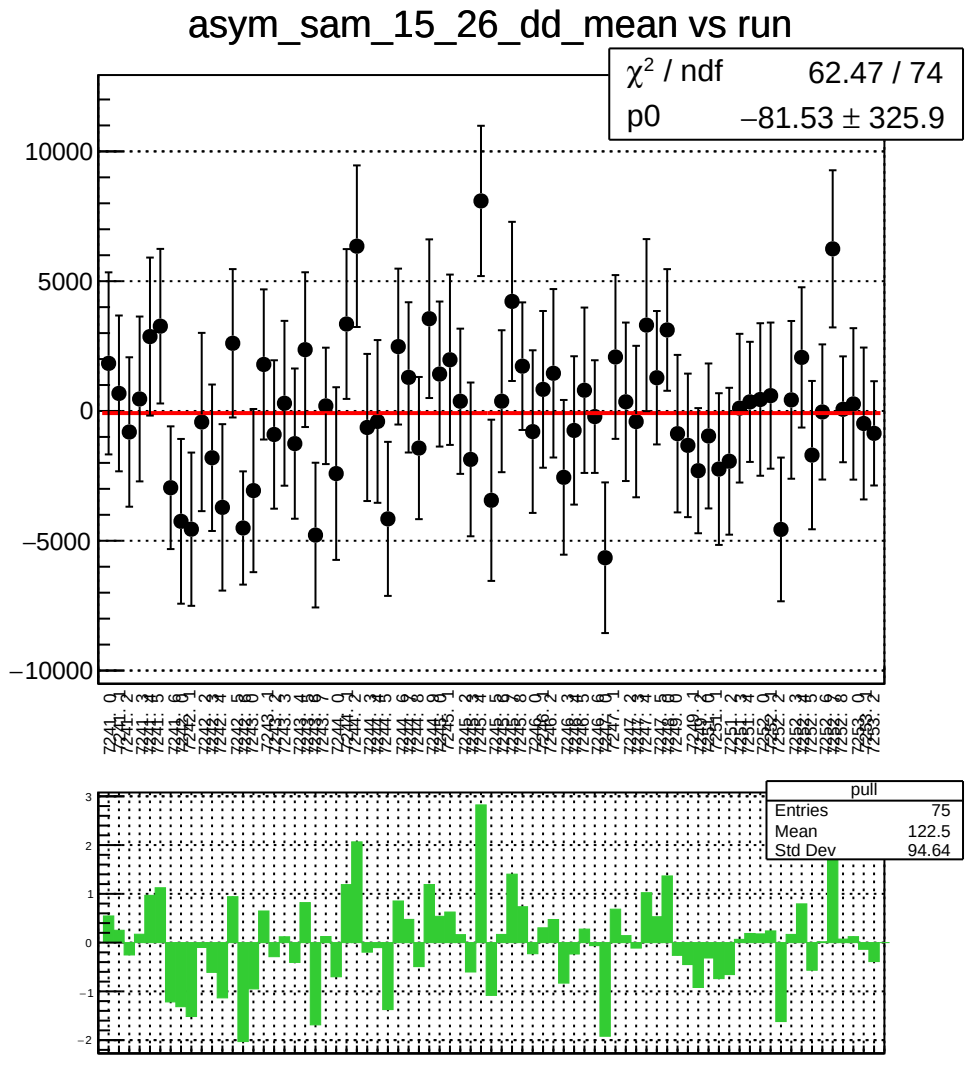

pull1D
Entries 75
Mean 0.01688
Std Dev 1.077

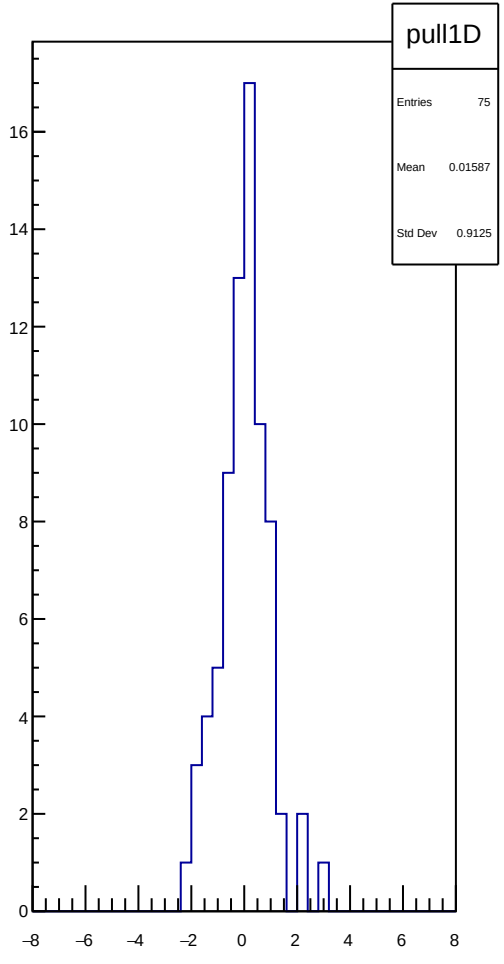

dit_asym_sam_15_26_dd_rms vs run
χ² / ndf 1544 / 74
p0 54.42 ± 0.04466
62
60
58
56
54
52

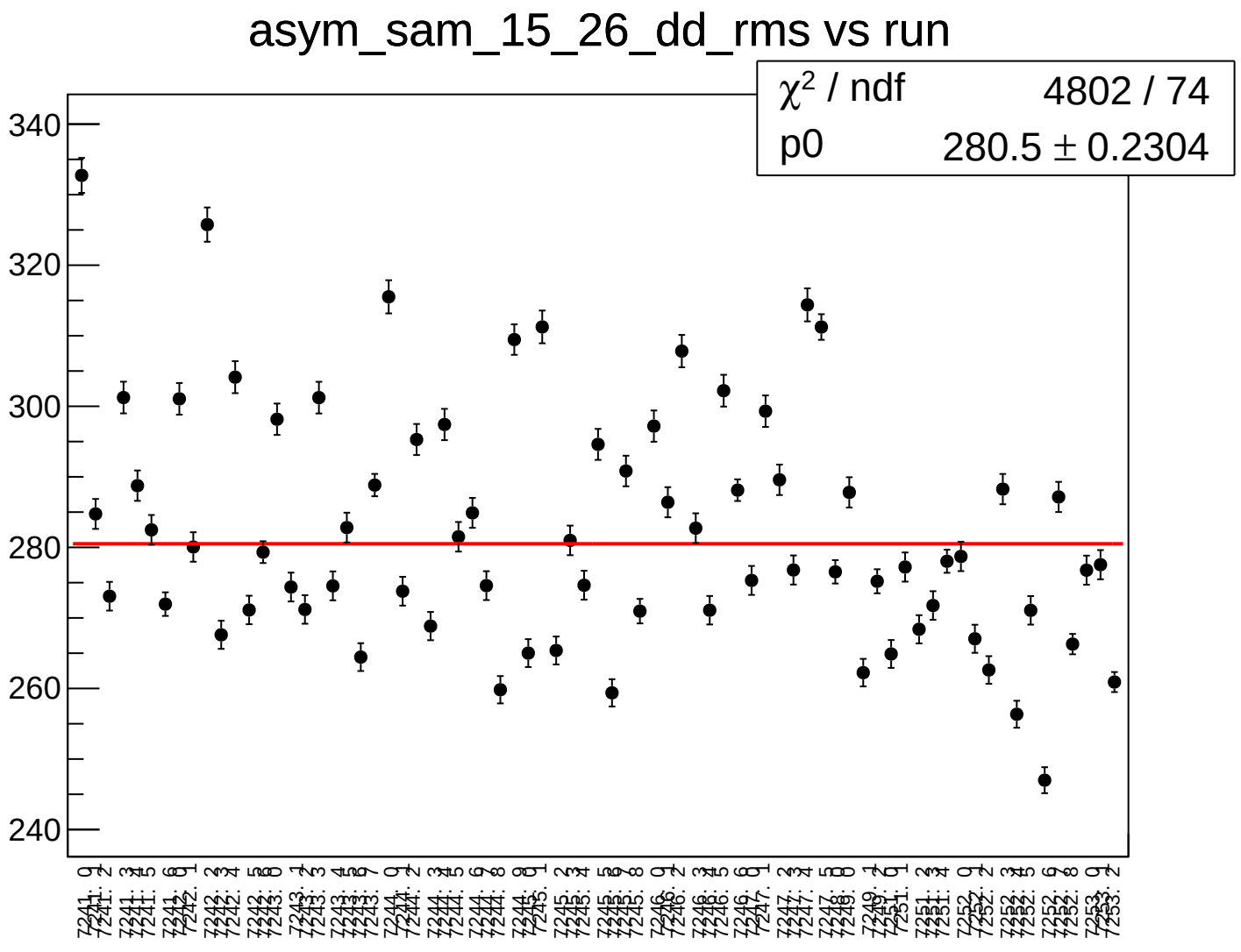

asym_sam_15_26_dd_correction_mean vs run
χ² / ndf 63.96 / 74
p0 119.9 ± 327.6
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 179.7
Std Dev 148.8
2
1
0
−1
−2
−3

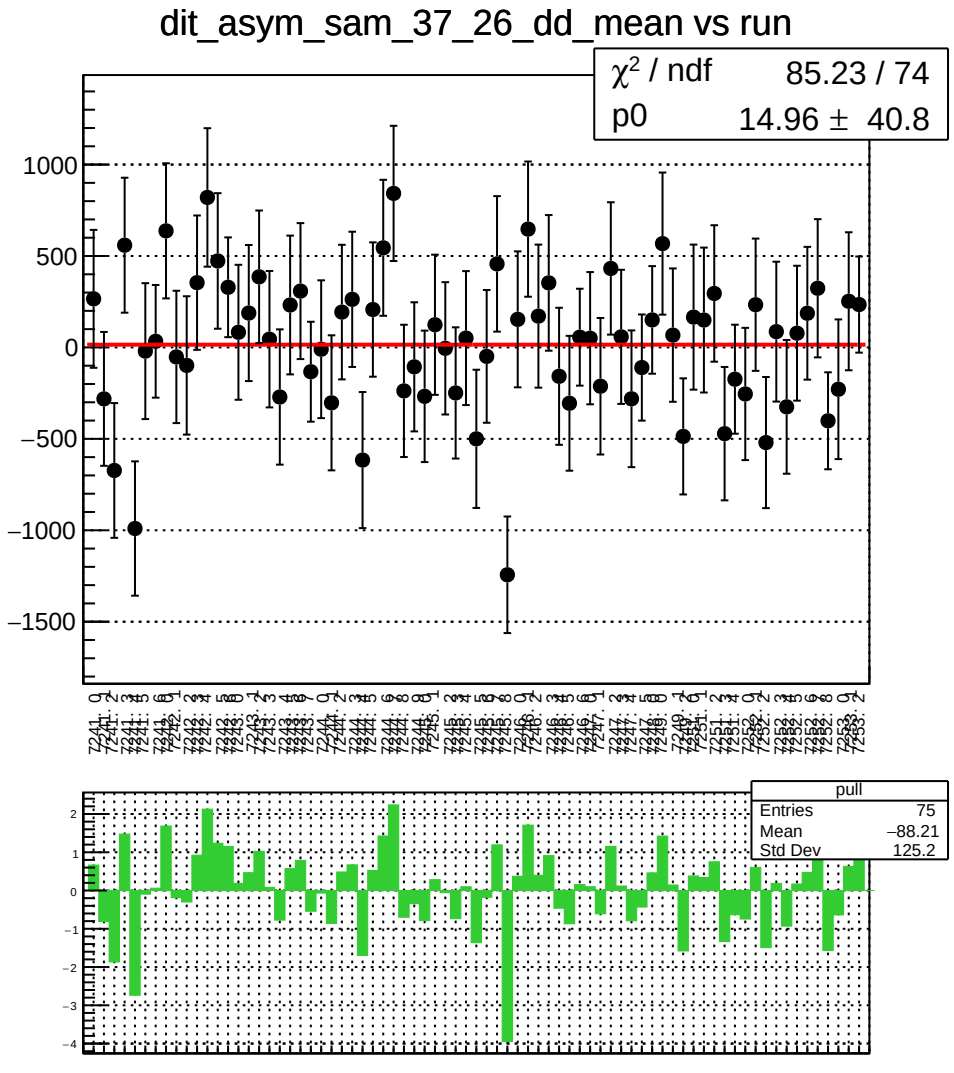

pull1D
Entries 75
Mean −0.01202
Std Dev 0.9234
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

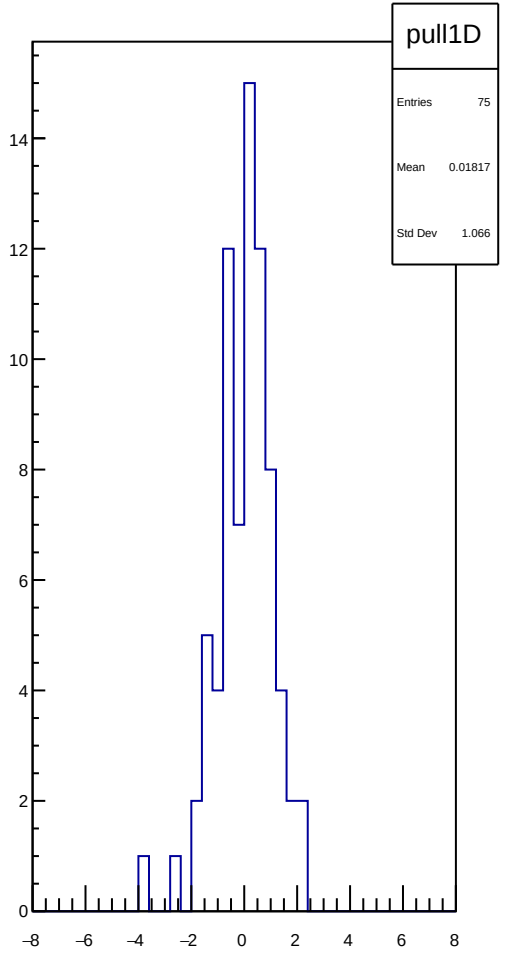

asym_sam_15_26_dd_correction_rms vs run
χ² / ndf 3973 / 74
p0 282 ± 0.2316
330
320
310
300
290
280
270
260
250
240

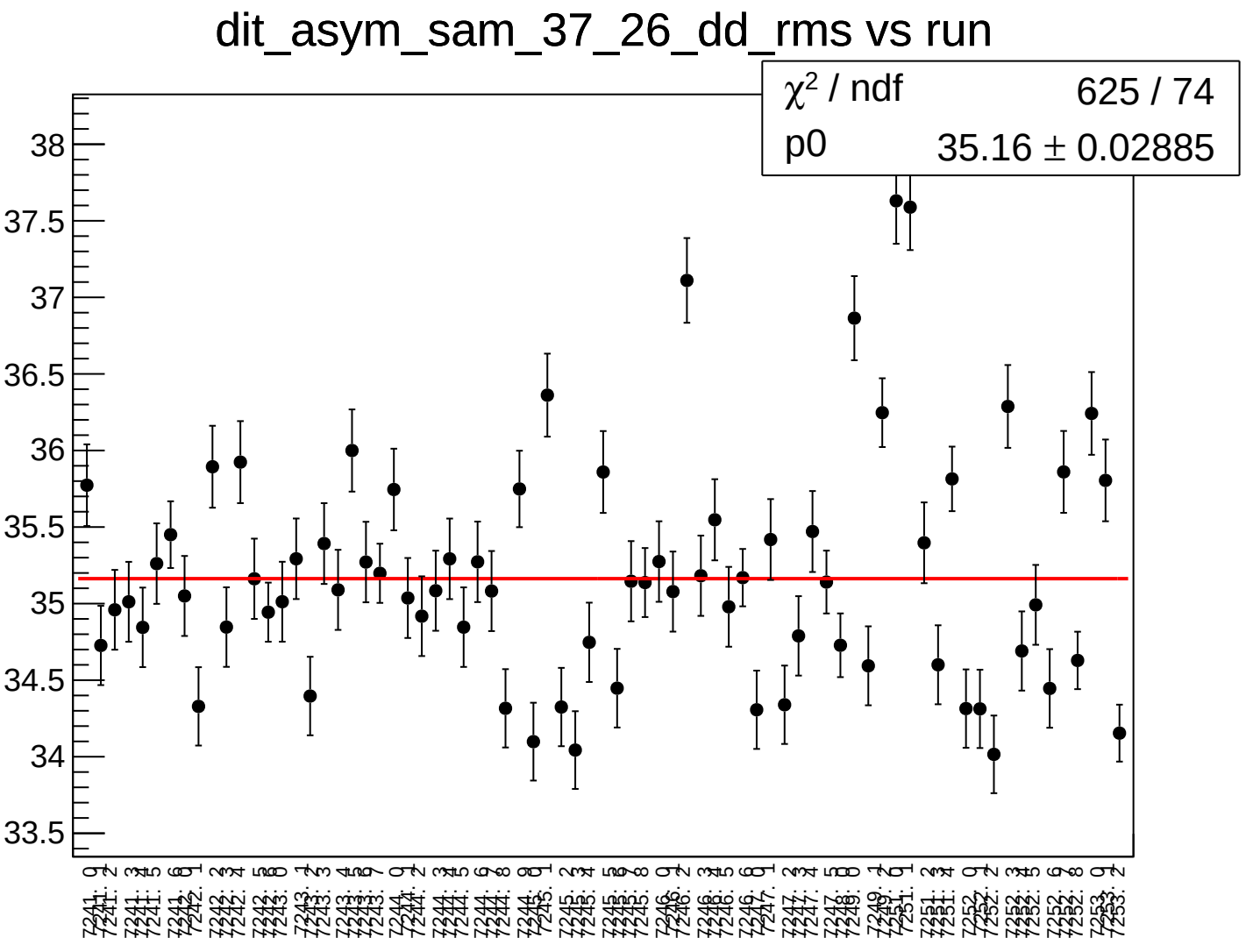

asym_sam_15_26_dd_mean vs run
χ² / ndf 62.47 / 74
p0 −81.53 ± 325.9
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 122.5
Std Dev 94.64
3
2
1
0
−1
−2

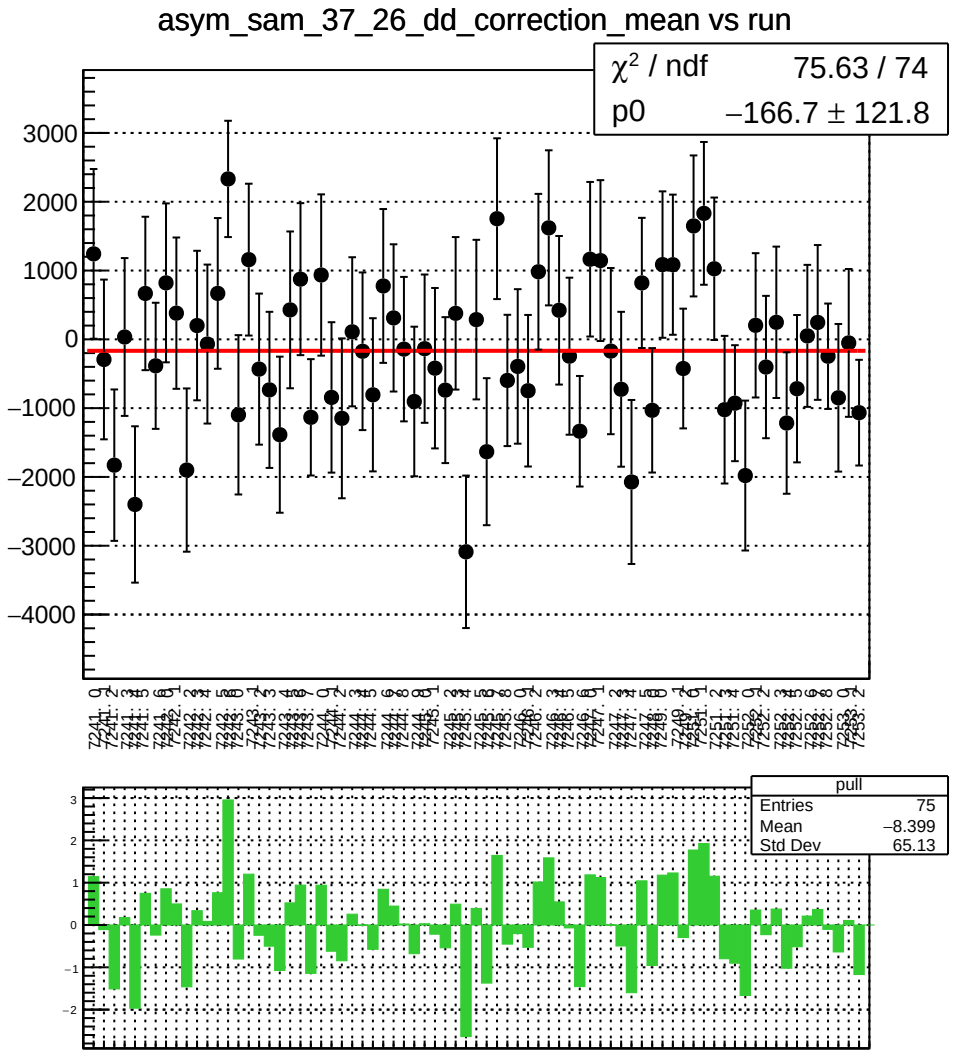

pull1D
Entries 75
Mean 0.01587
Std Dev 0.9125
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

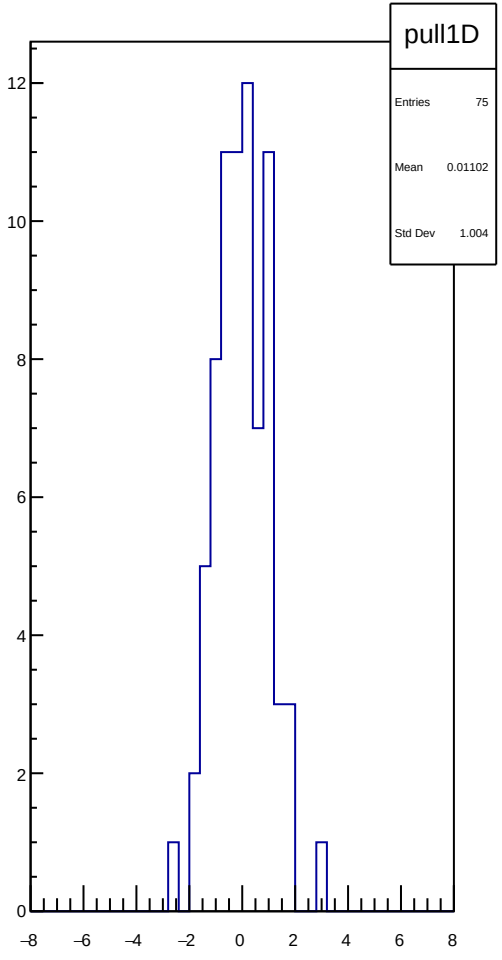

asym_sam_15_26_dd_rms vs run
χ² / ndf 4802 / 74
p0 280.5 ± 0.2304
340
320
300
280
260
240

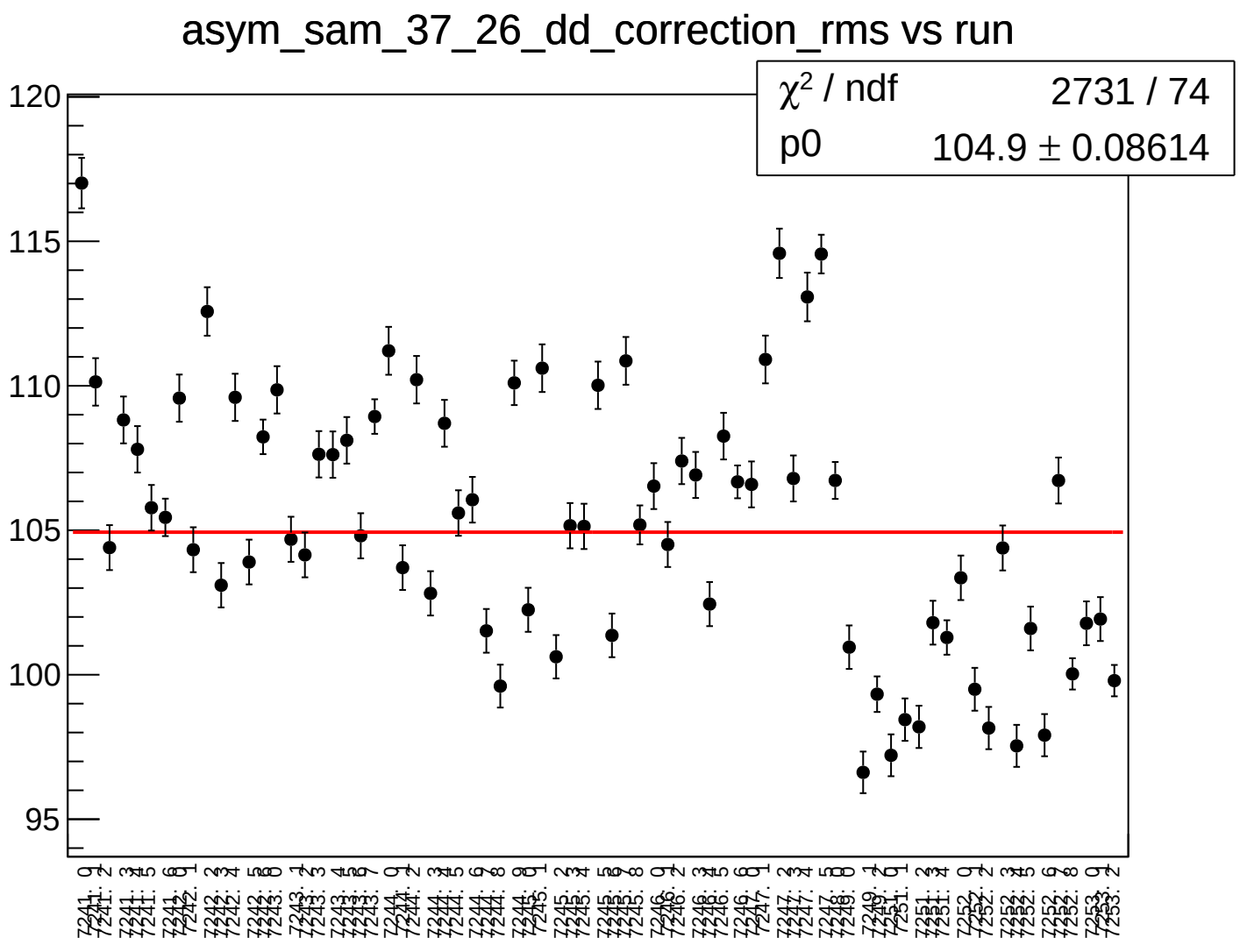

dit_asym_sam_37_26_dd_mean vs run
χ² / ndf 85.23 / 74
p0 14.96 ± 40.8
1000
500
0
−500
−1000
−1500
pull
Entries 75
Mean −88.21
Std Dev 125.2
2
1
0
−1
−2
−3
−4

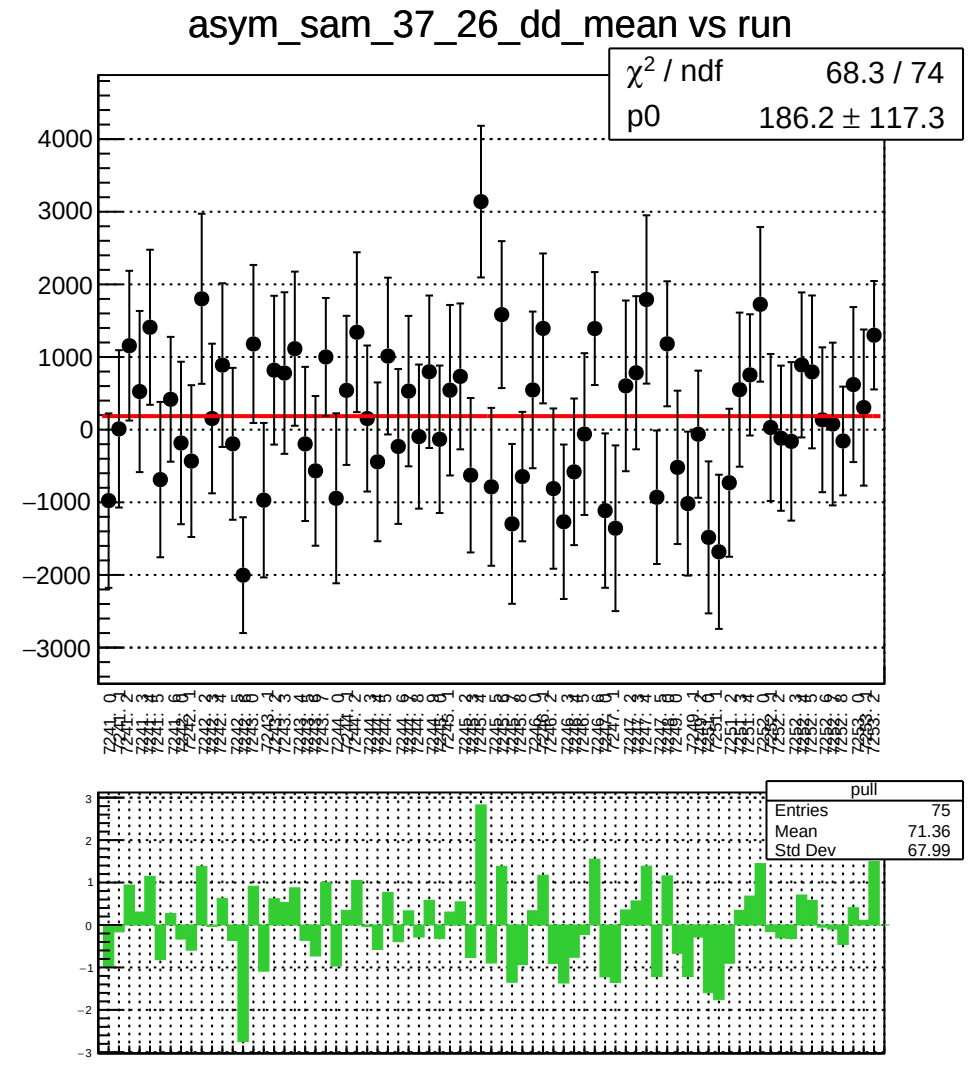

pull1D
Entries 75
Mean 0.01817
Std Dev 1.066
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

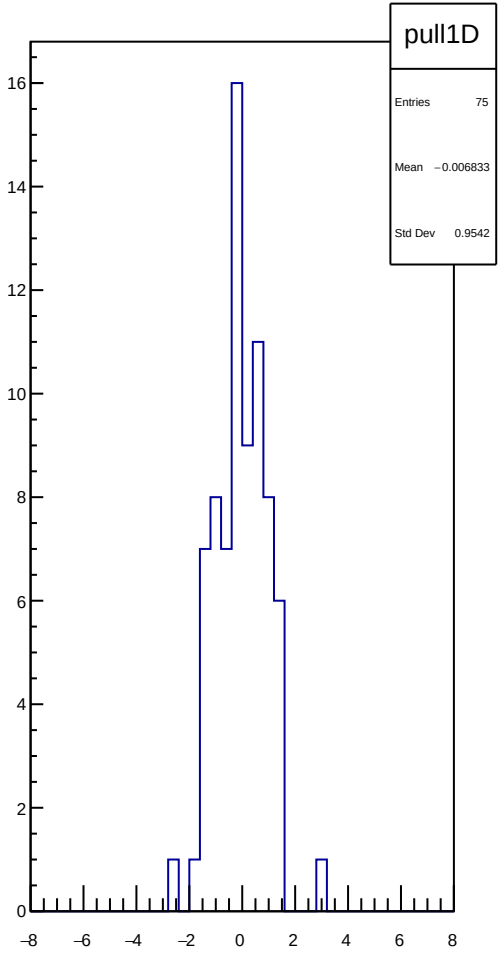

dit_asym_sam_37_26_dd_rms vs run
χ² / ndf 625 / 74
p0 35.16 ± 0.02885
38
37.5
37
36.5
36
35.5
35
34.5
34
33.5

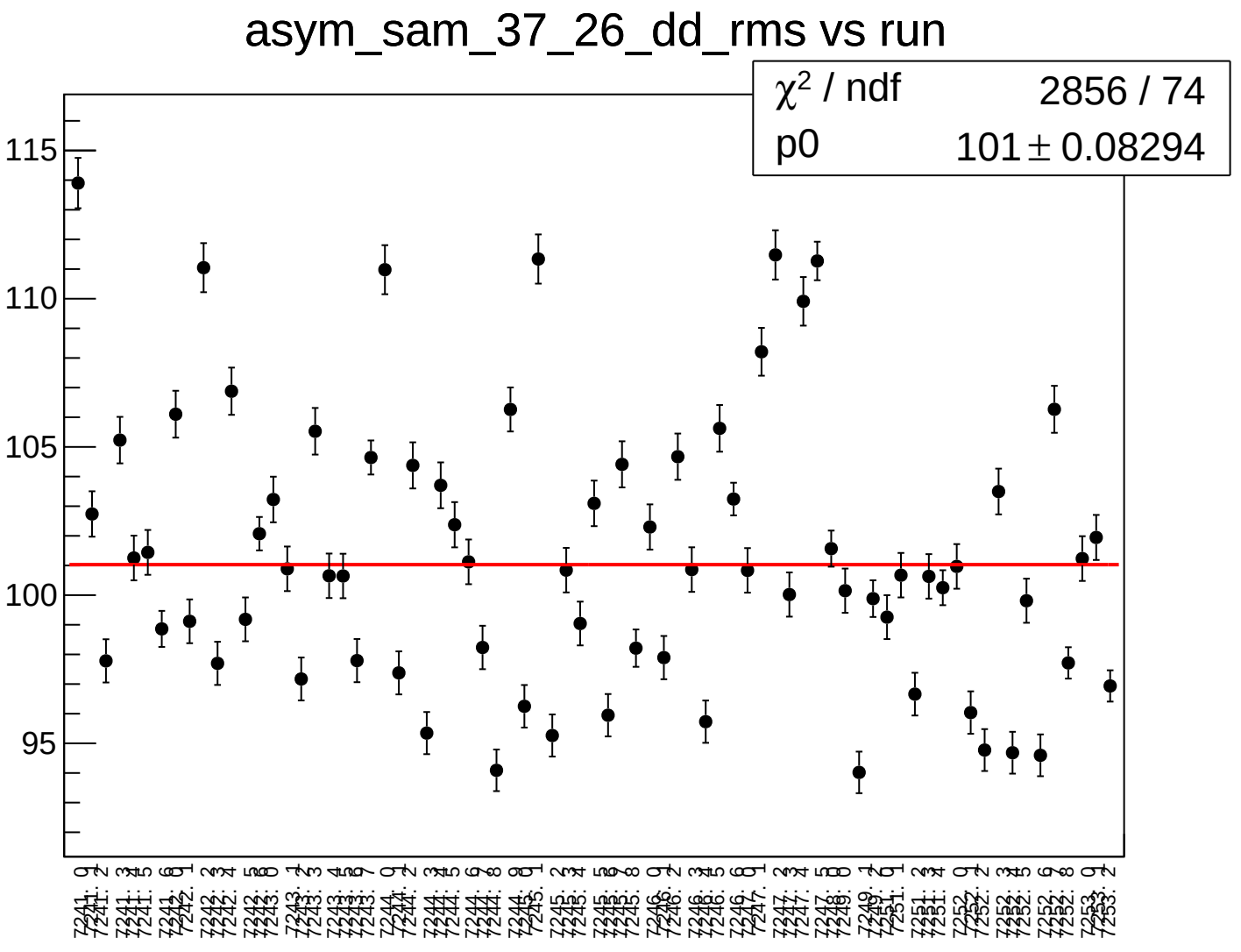

asym_sam_37_26_dd_correction_mean vs run
χ² / ndf 75.63 / 74
p0 −166.7 ± 121.8
pull
Entries 75
Mean −8.399
Std Dev 65.13

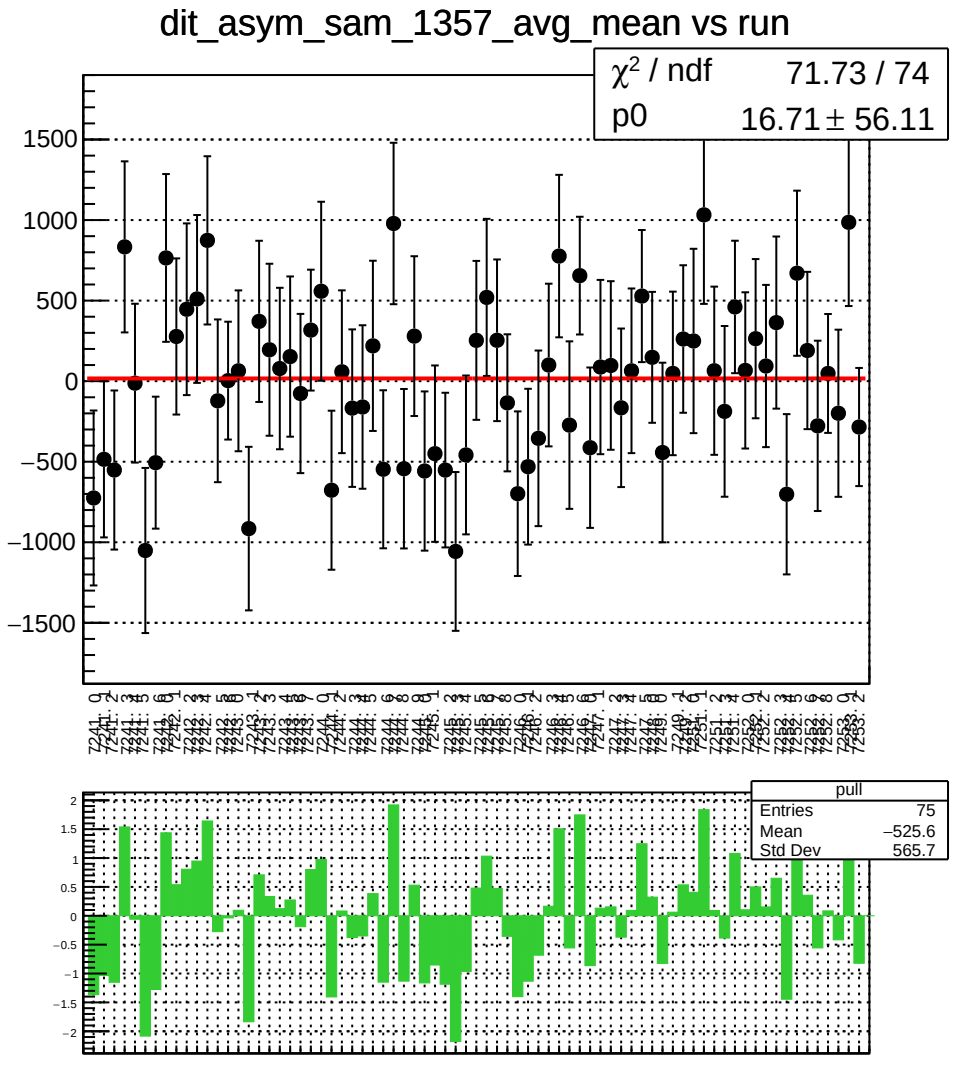

pull1D
Entries 75
Mean 0.01102
Std Dev 1.004

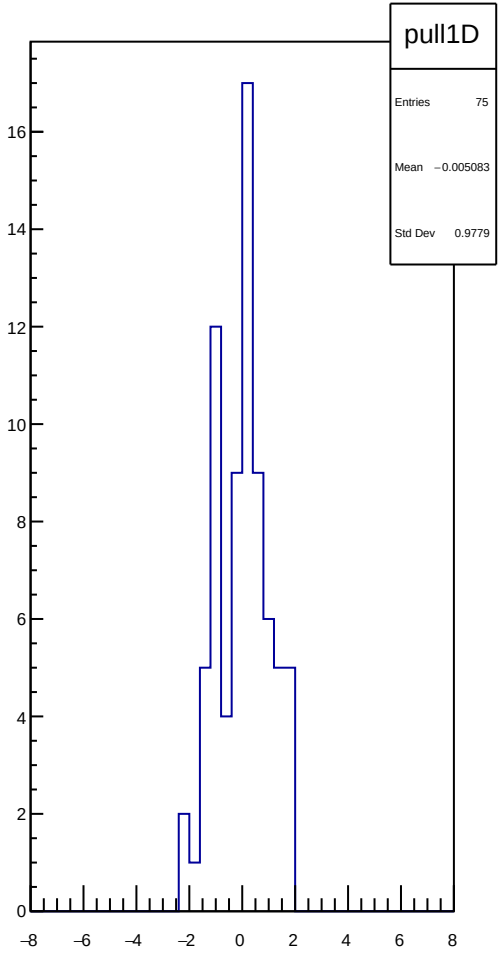

asym_sam_37_26_dd_correction_rms vs run
χ² / ndf 2731 / 74
p0 104.9 ± 0.08614
120
115
110
105
100
95

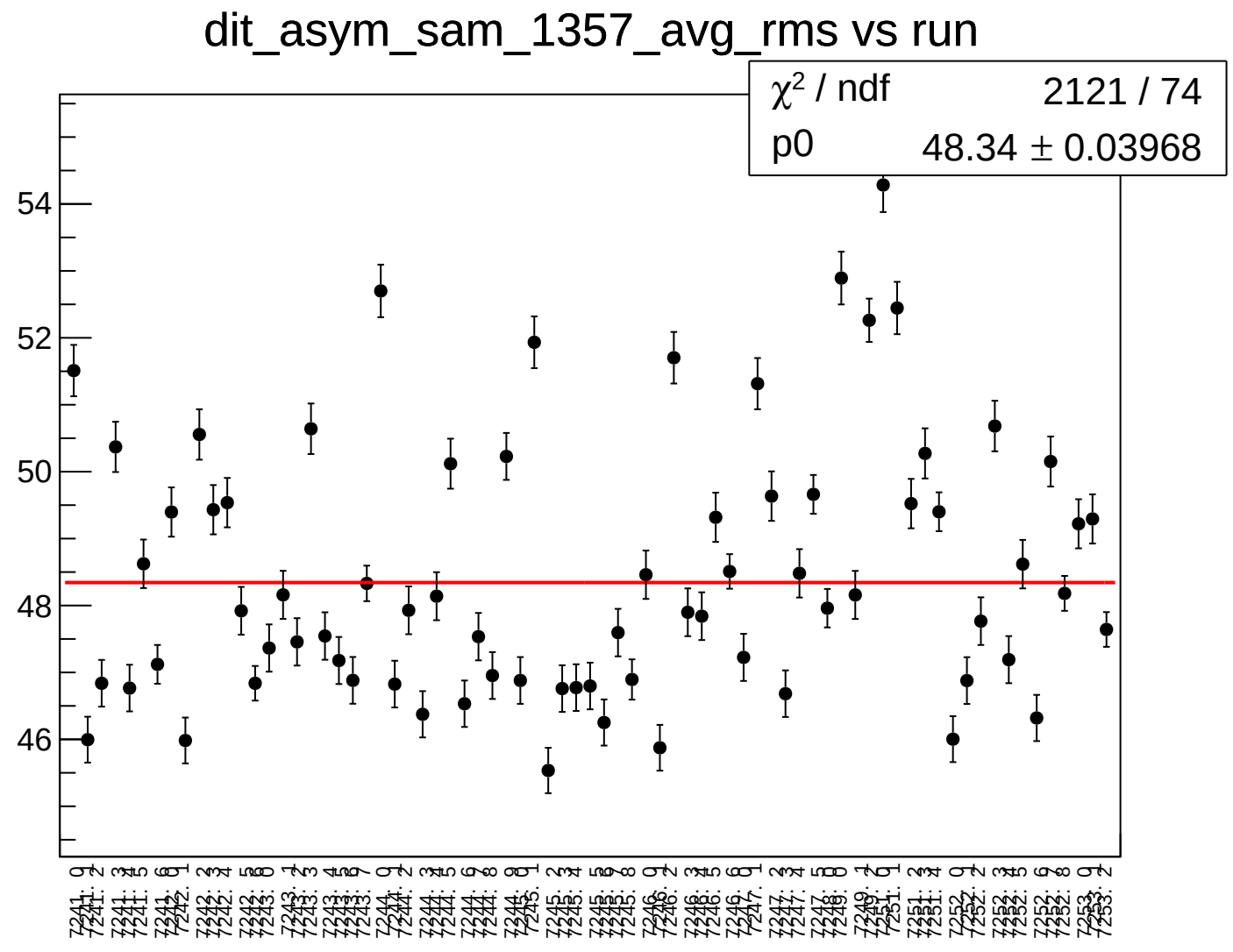

asym_sam_37_26_dd_mean vs run
χ² / ndf 68.3 / 74
p0 186.2 ± 117.3
pull
Entries 75
Mean 71.36
Std Dev 67.99

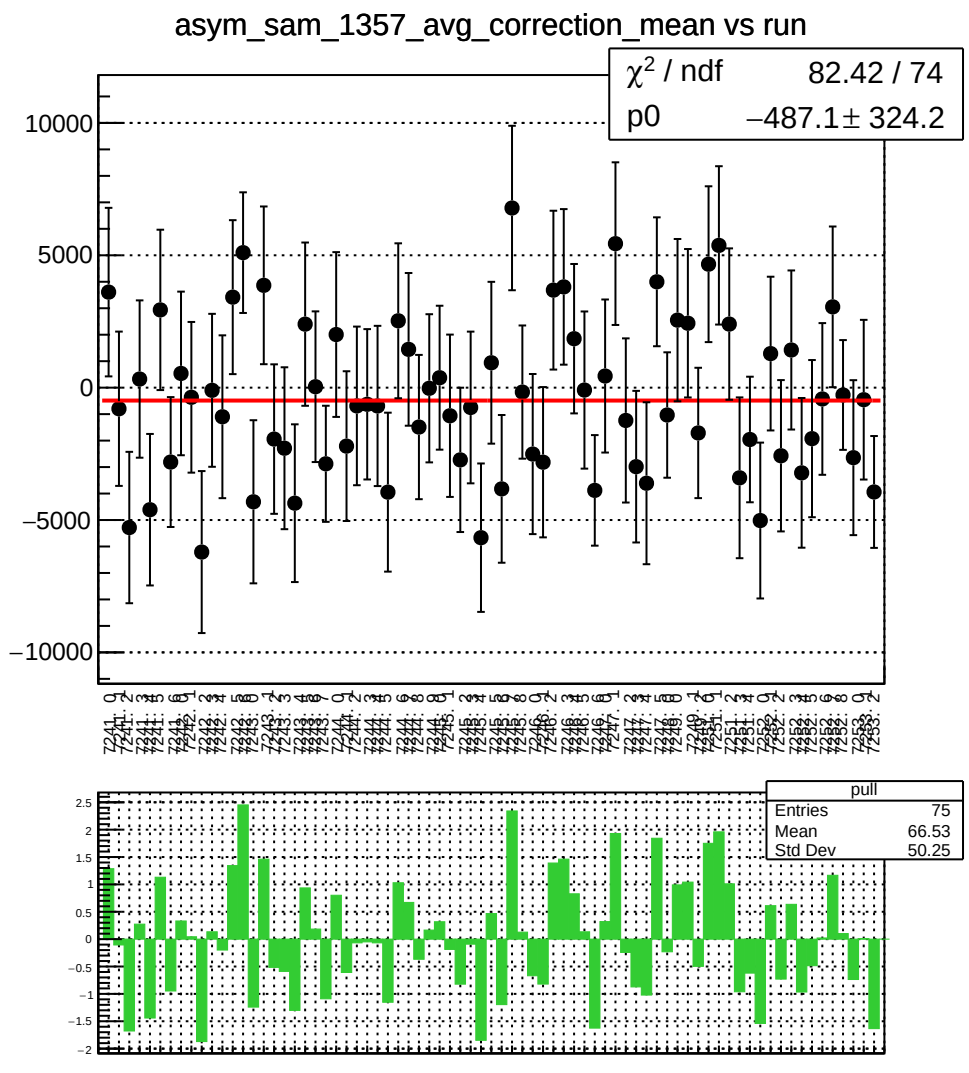

pull1D
Entries 75
Mean −0.006833
Std Dev 0.9542

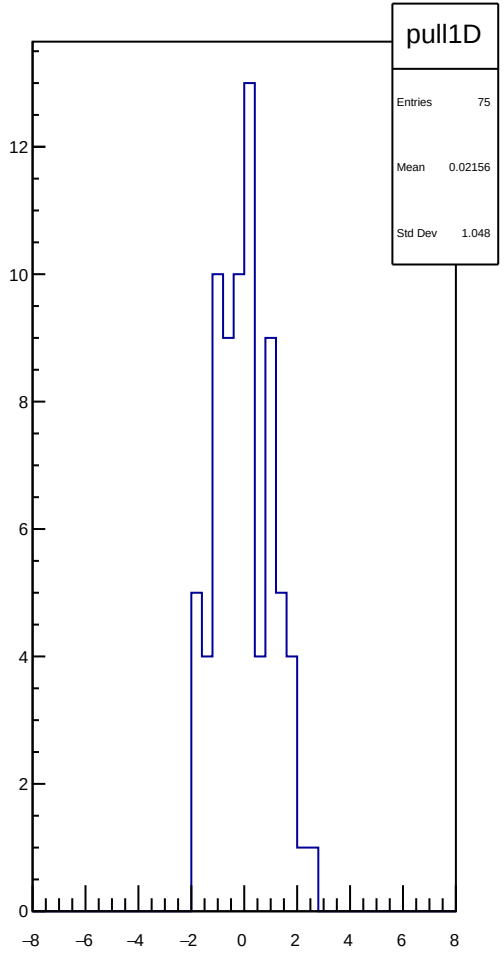

asym_sam_37_26_dd_rms vs run
χ² / ndf 2856 / 74
p0 101 ± 0.08294
115
110
105
100
95

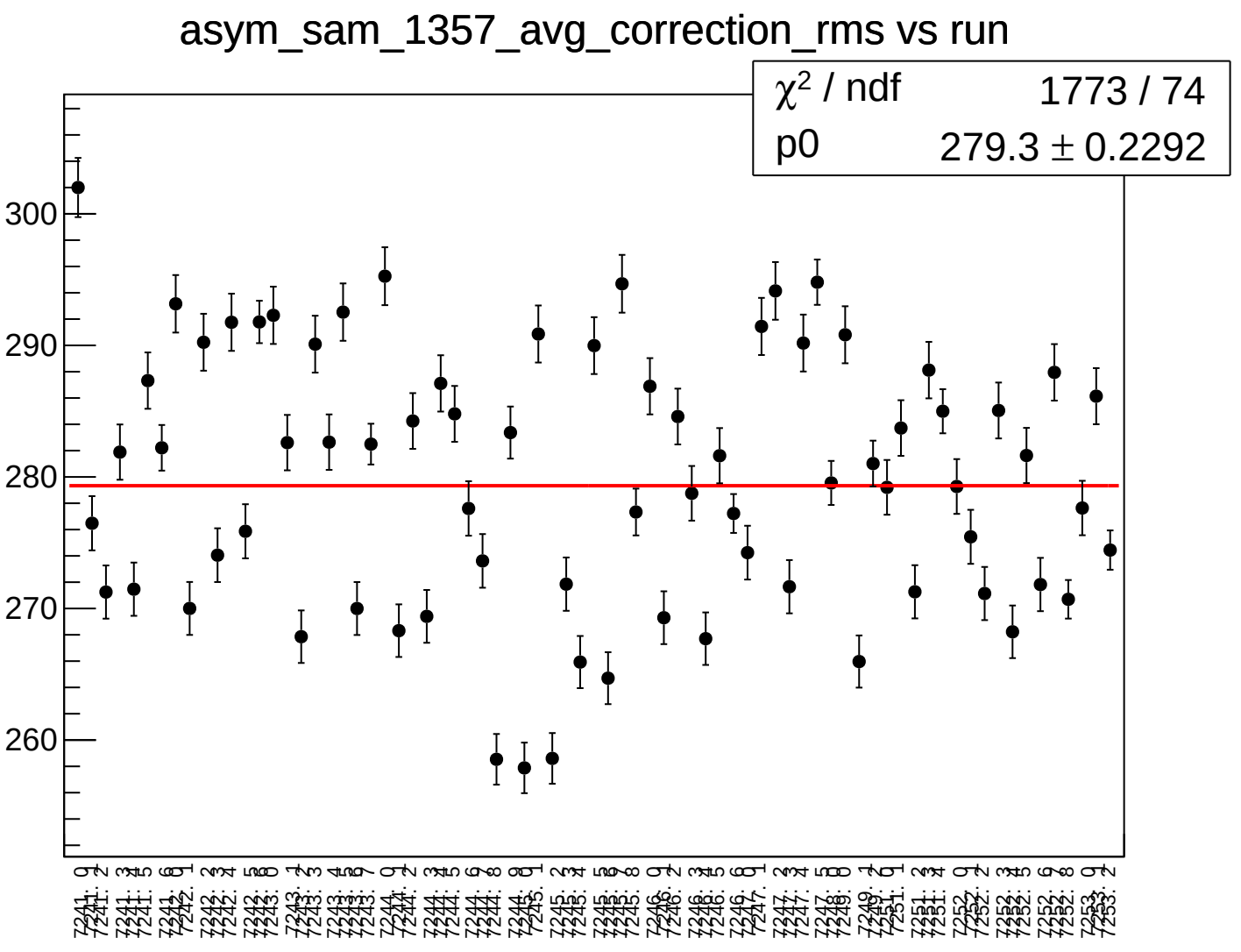

dit_asym_sam_1357_avg_mean vs run
χ² / ndf 71.73 / 74
p0 16.71 ± 56.11
pull
Entries 75
Mean −525.6
Std Dev 565.7

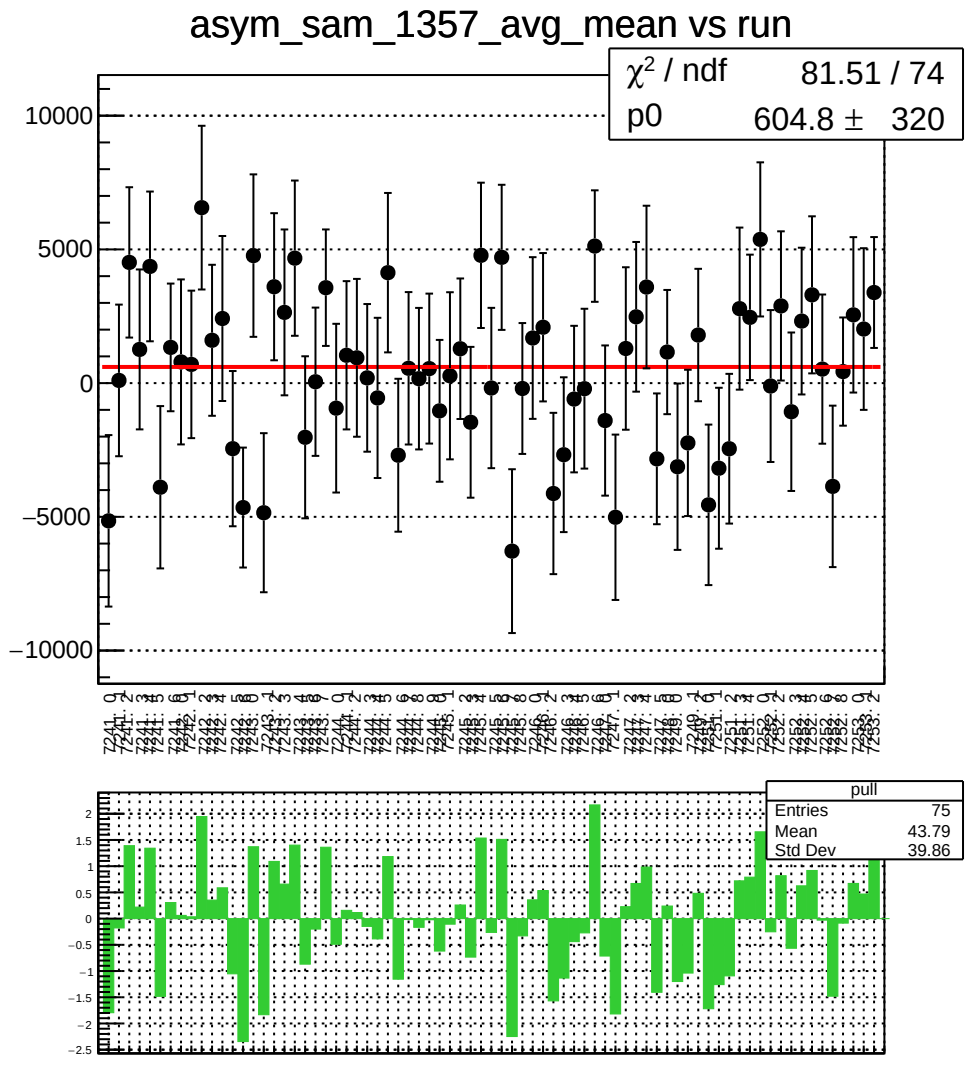

pull1D
Entries 75
Mean −0.005083
Std Dev 0.9779

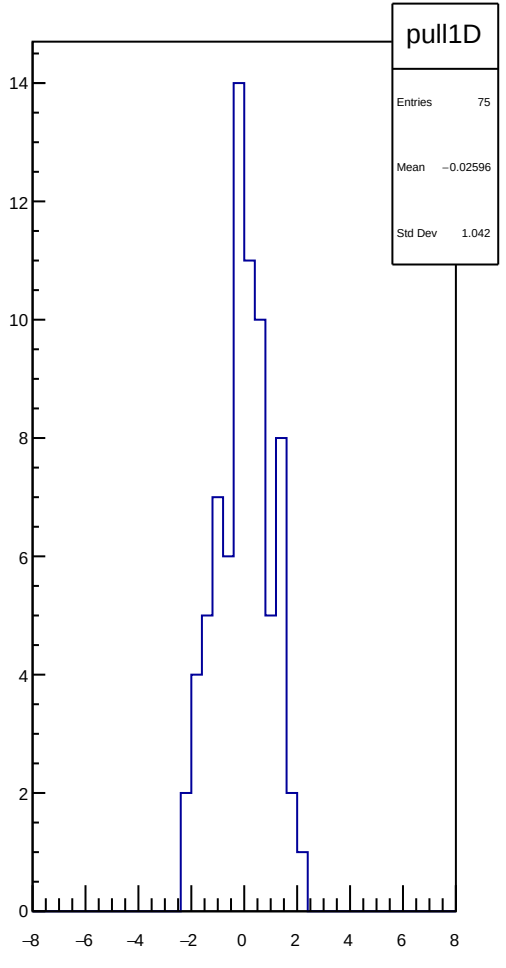

dit_asym_sam_1357_avg_rms vs run
χ² / ndf 2121 / 74
p0 48.34 ± 0.03968
54
52
50
48
46

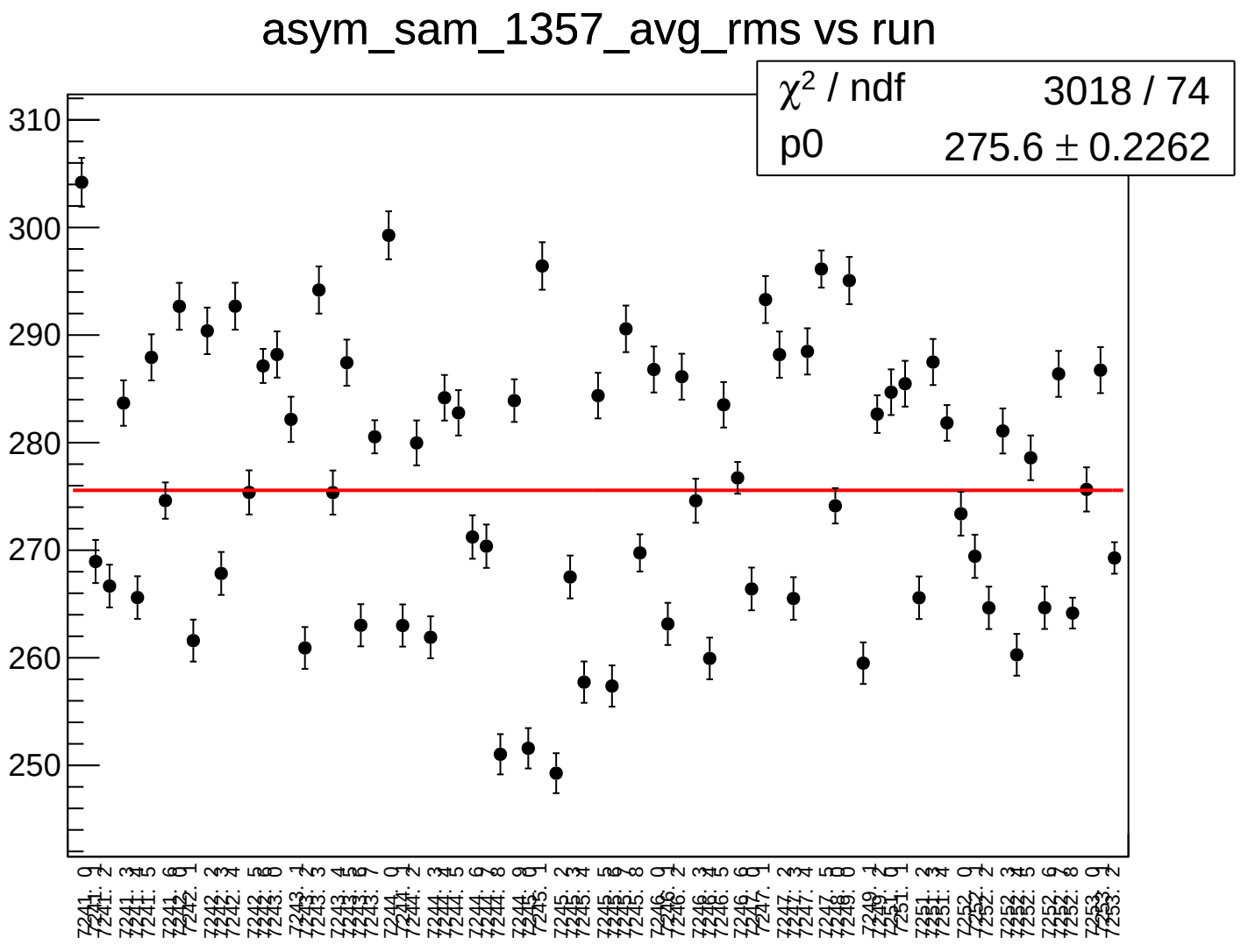

asym_sam_1357_avg_correction_mean vs run
χ² / ndf 82.42 / 74
p0 −487.1± 324.2
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 66.53
Std Dev 50.25
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

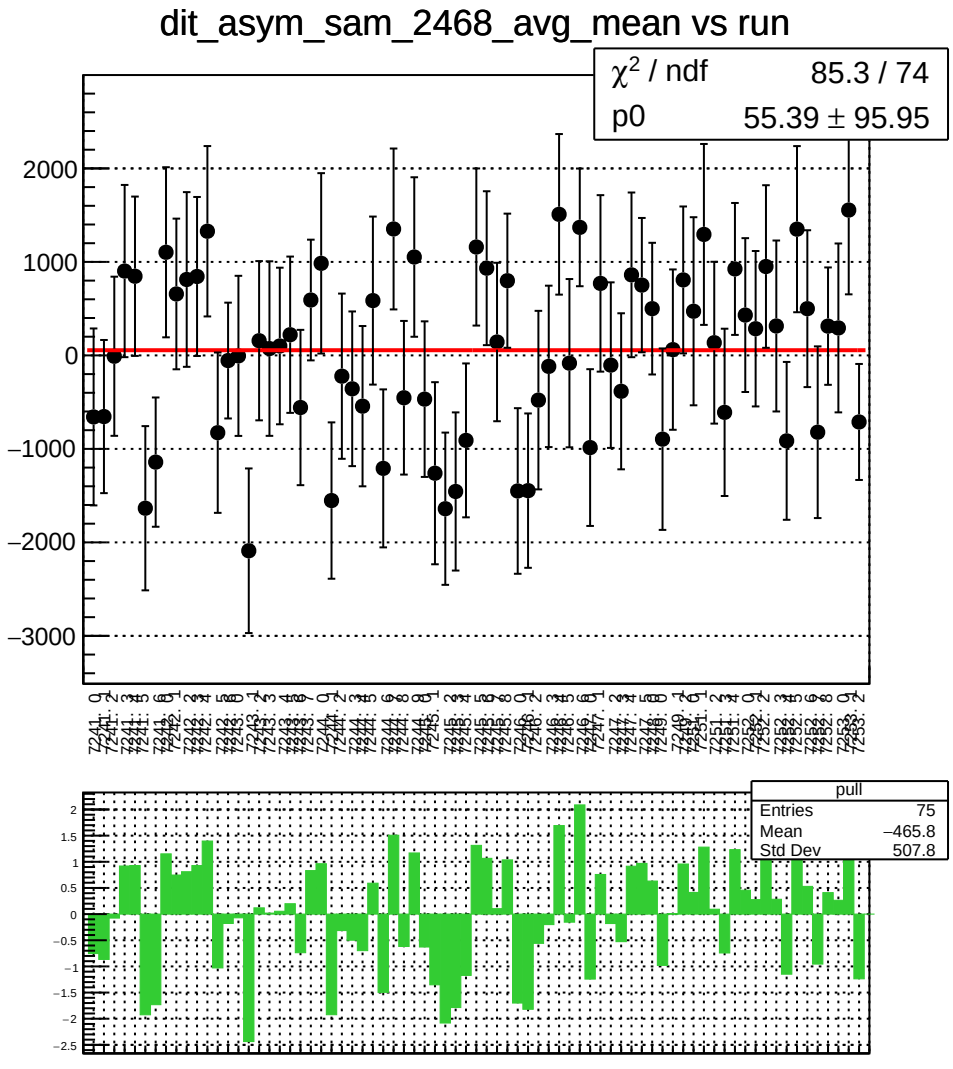

pull1D
Entries 75
Mean 0.02156
Std Dev 1.048
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

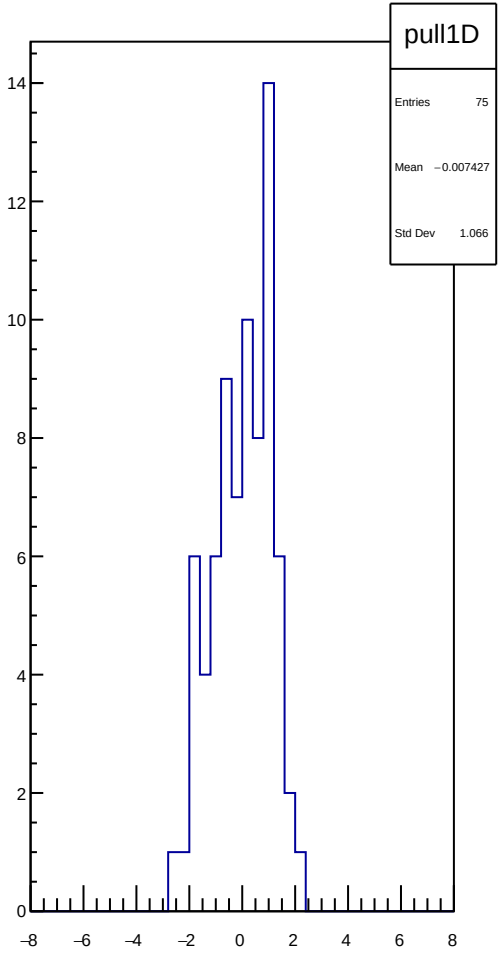

asym_sam_1357_avg_correction_rms vs run
χ² / ndf 1773 / 74
p0 279.3 ± 0.2292
300
290
280
270
260

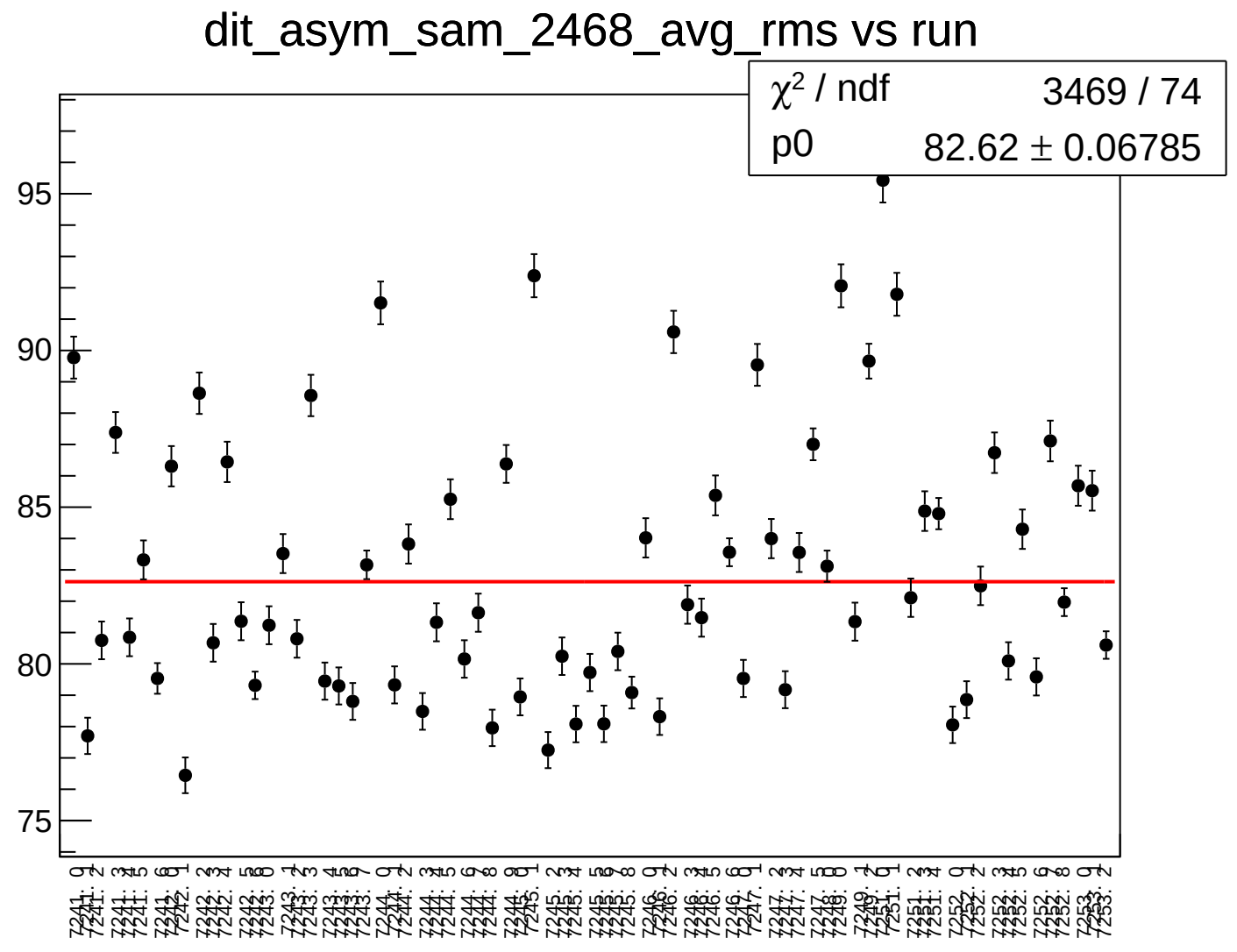

asym_sam_1357_avg_mean vs run
χ² / ndf 81.51 / 74
p0 604.8 ± 320
10000
5000
0
−5000
−10000
pull
Entries 75
Mean 43.79
Std Dev 39.86
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

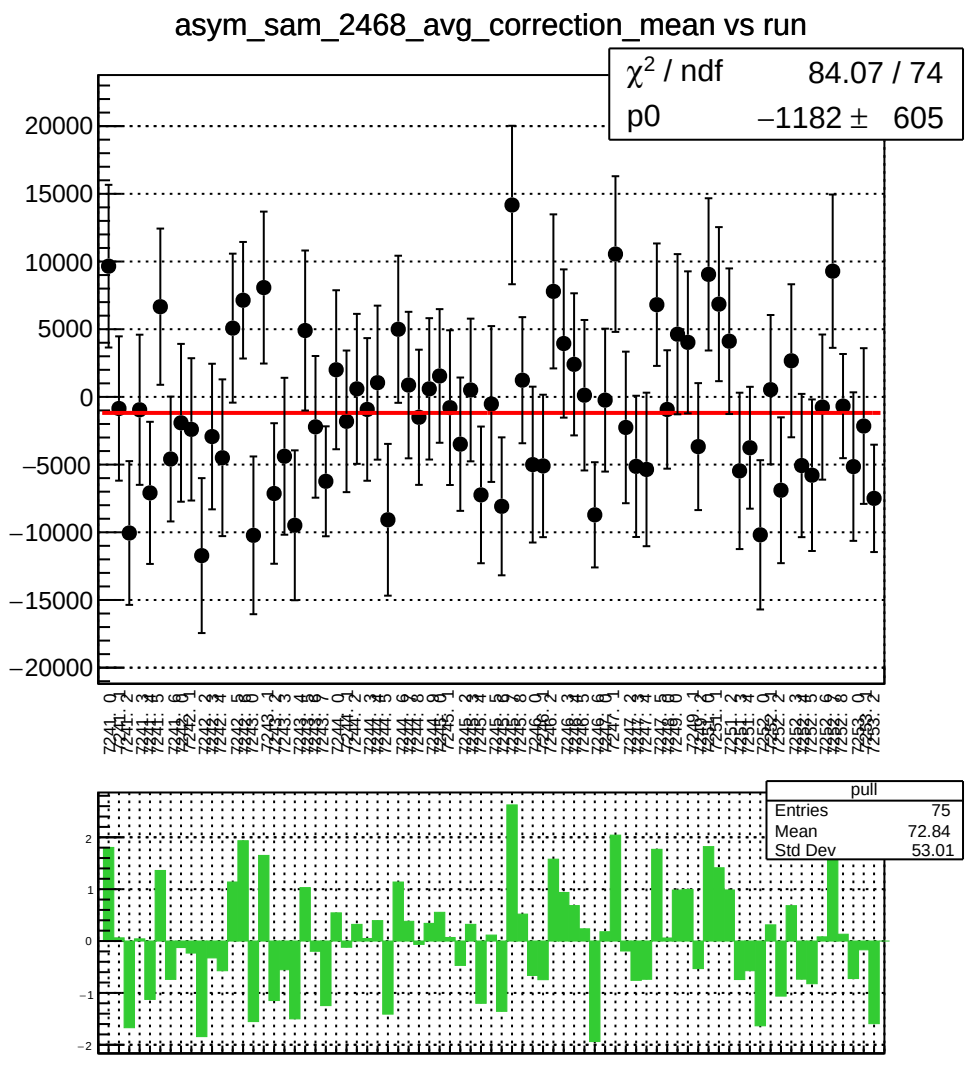

pull1D
Entries 75
Mean −0.02596
Std Dev 1.042
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

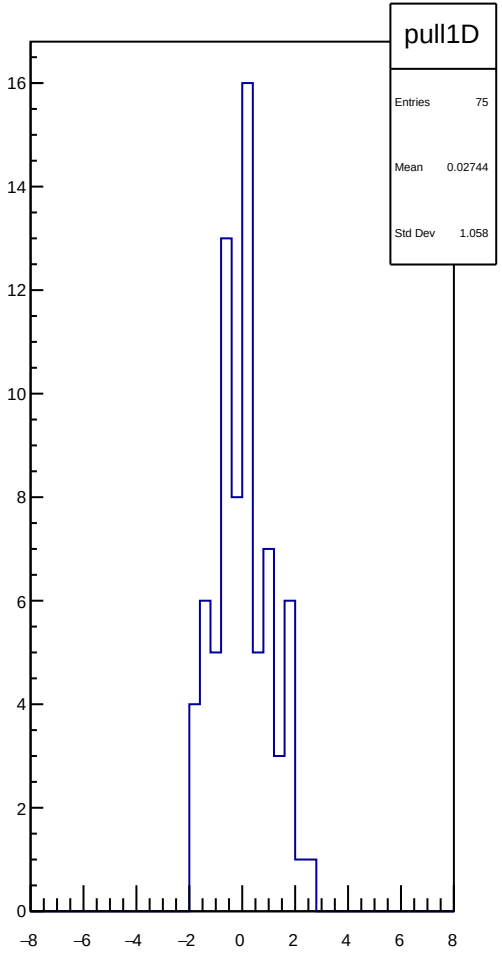

asym_sam_1357_avg_rms vs run
χ² / ndf 3018 / 74
p0 275.6 ± 0.2262
310
300
290
280
270
260
250

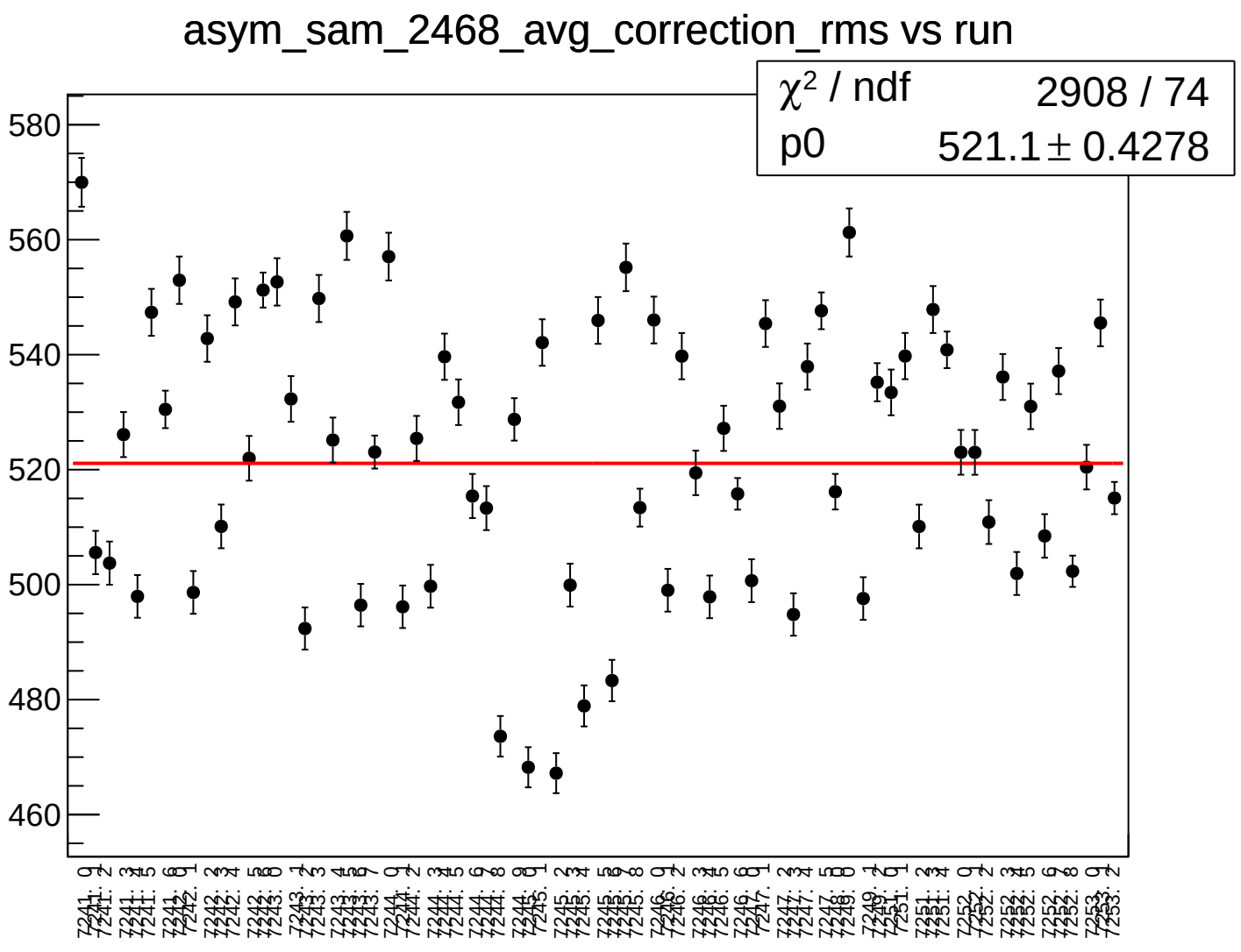

dit_asym_sam_2468_avg_mean vs run
χ^2 / ndf 85.3 / 74
p0 55.39 ± 95.95
pull
Entries 75
Mean −465.8
Std Dev 507.8

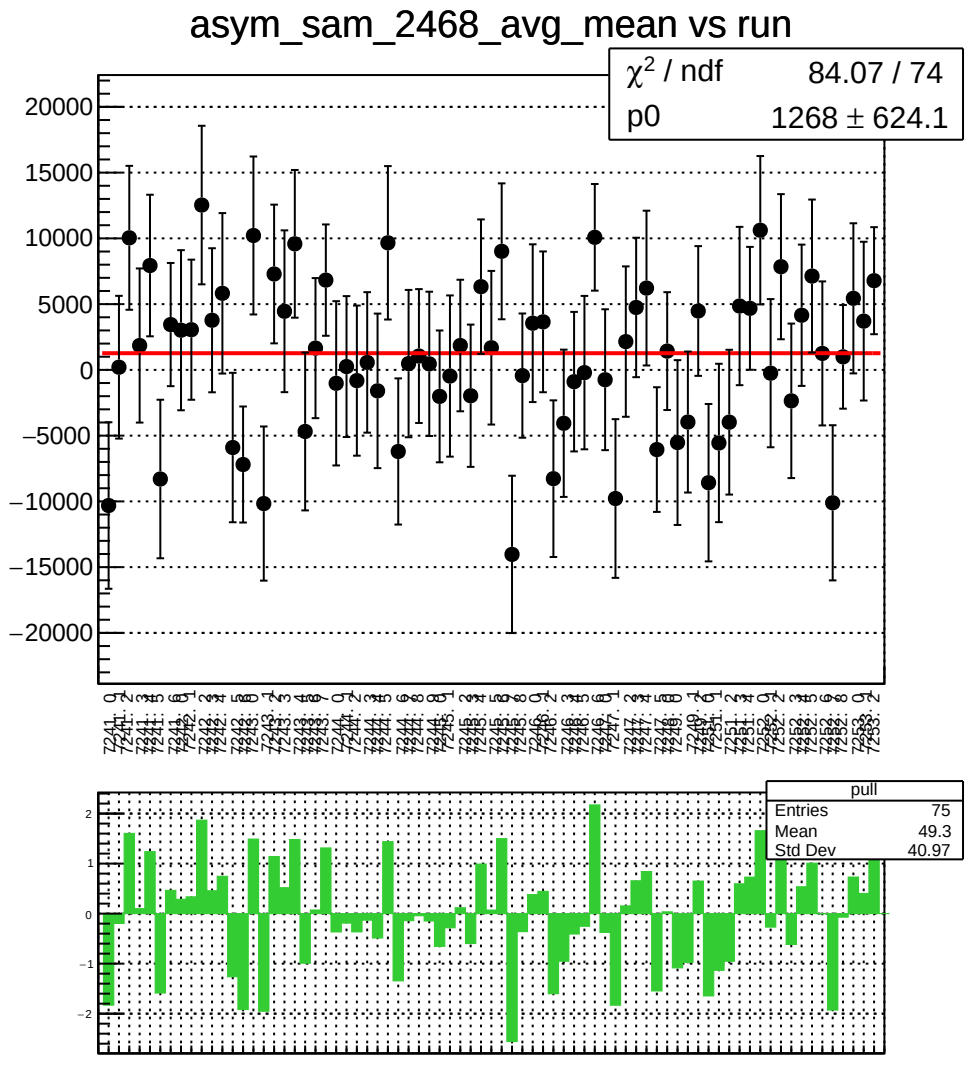

pull1D
Entries 75
Mean −0.007427
Std Dev 1.066

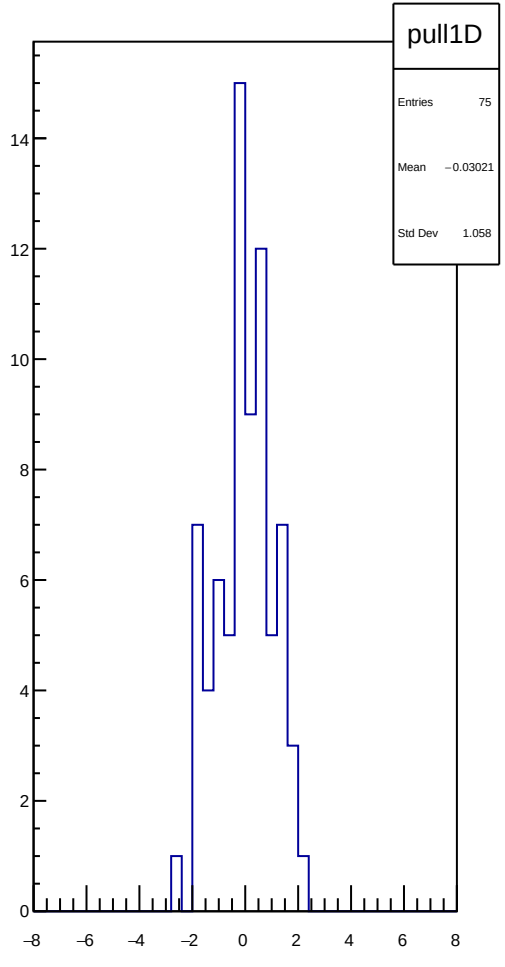

dit_asym_sam_2468_avg_rms vs run
χ² / ndf 3469 / 74
p0 82.62 ± 0.06785
95
90
85
80
75

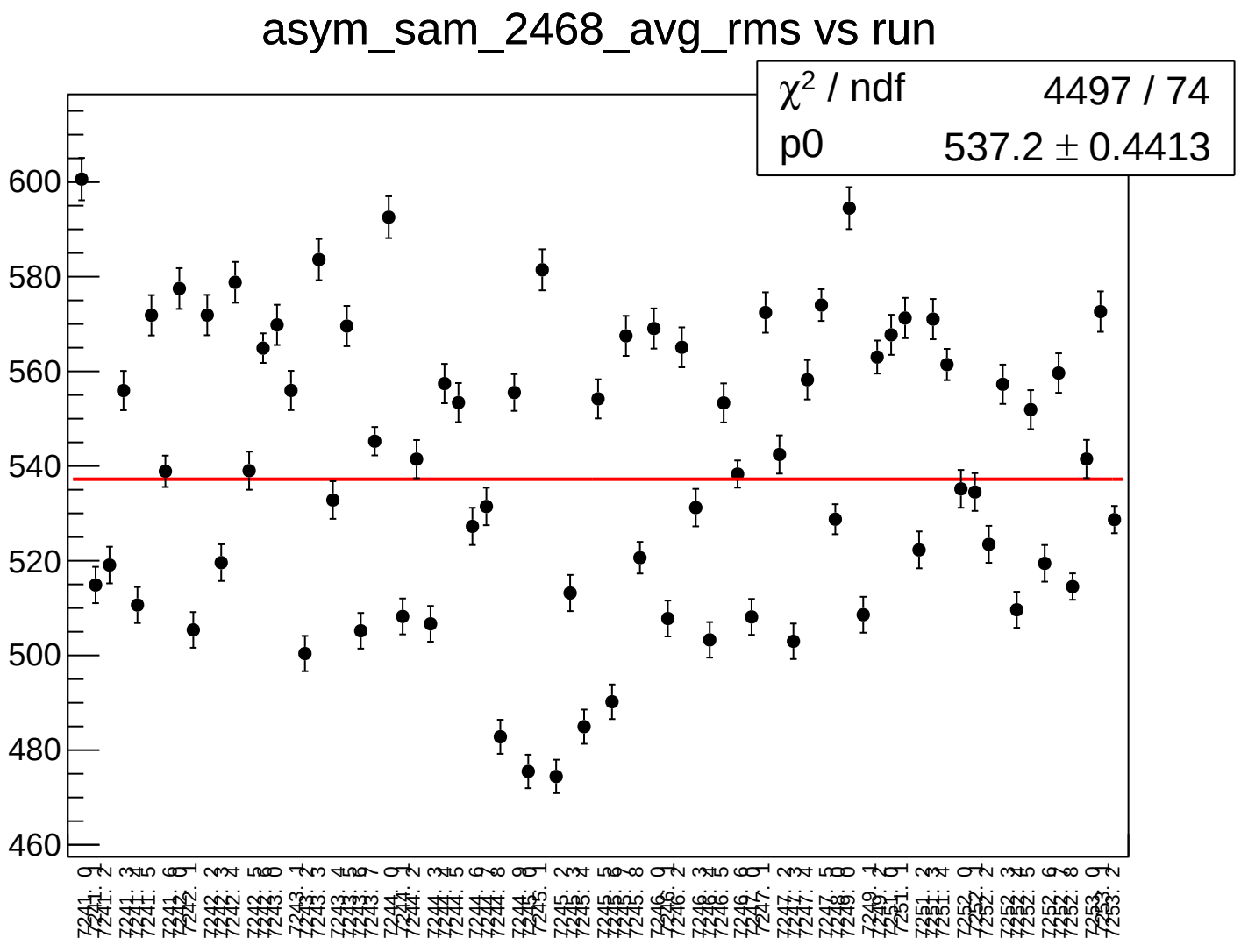

asym_sam_2468_avg_correction_mean vs run
χ² / ndf 84.07 / 74
p0 −1182 ± 605
pull
Entries 75
Mean 72.84
Std Dev 53.01

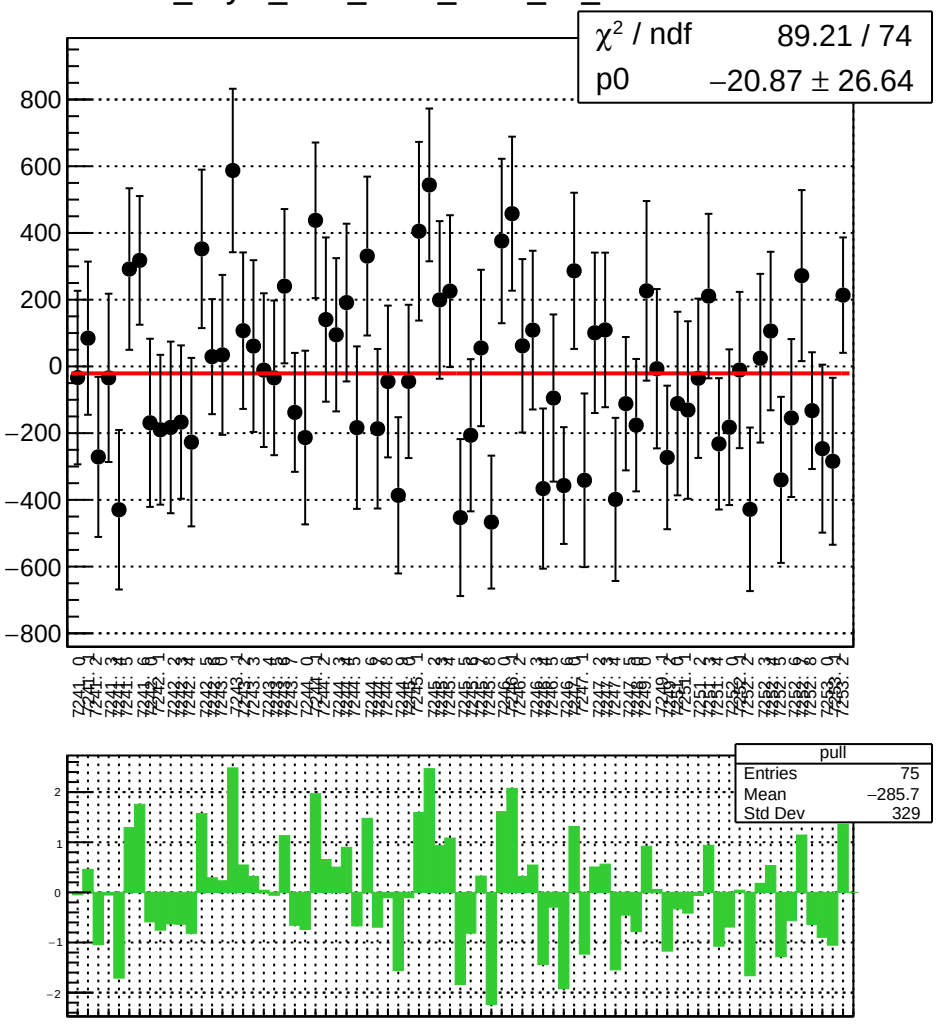

pull1D
Entries 75
Mean 0.02744
Std Dev 1.058

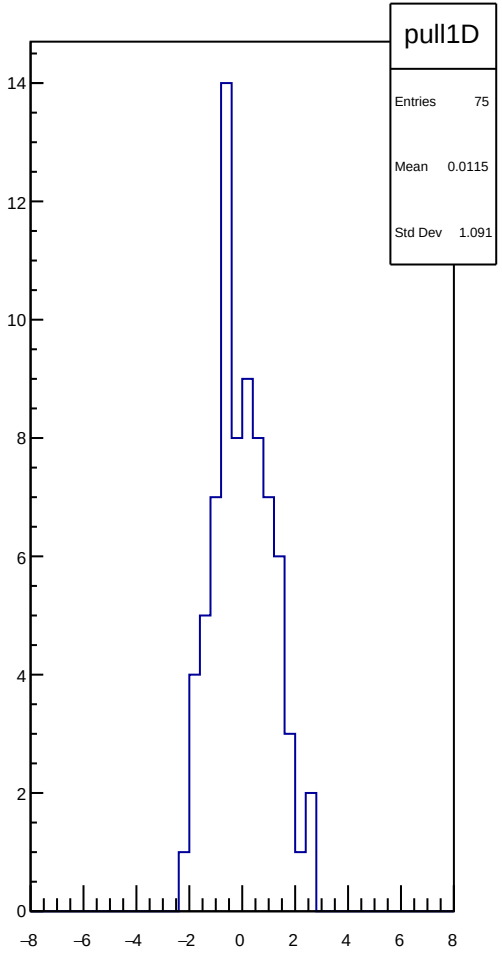

asym_sam_2468_avg_correction_rms vs run
χ² / ndf 2908 / 74
p0 521.1 ± 0.4278
580
560
540
520
500
480
460

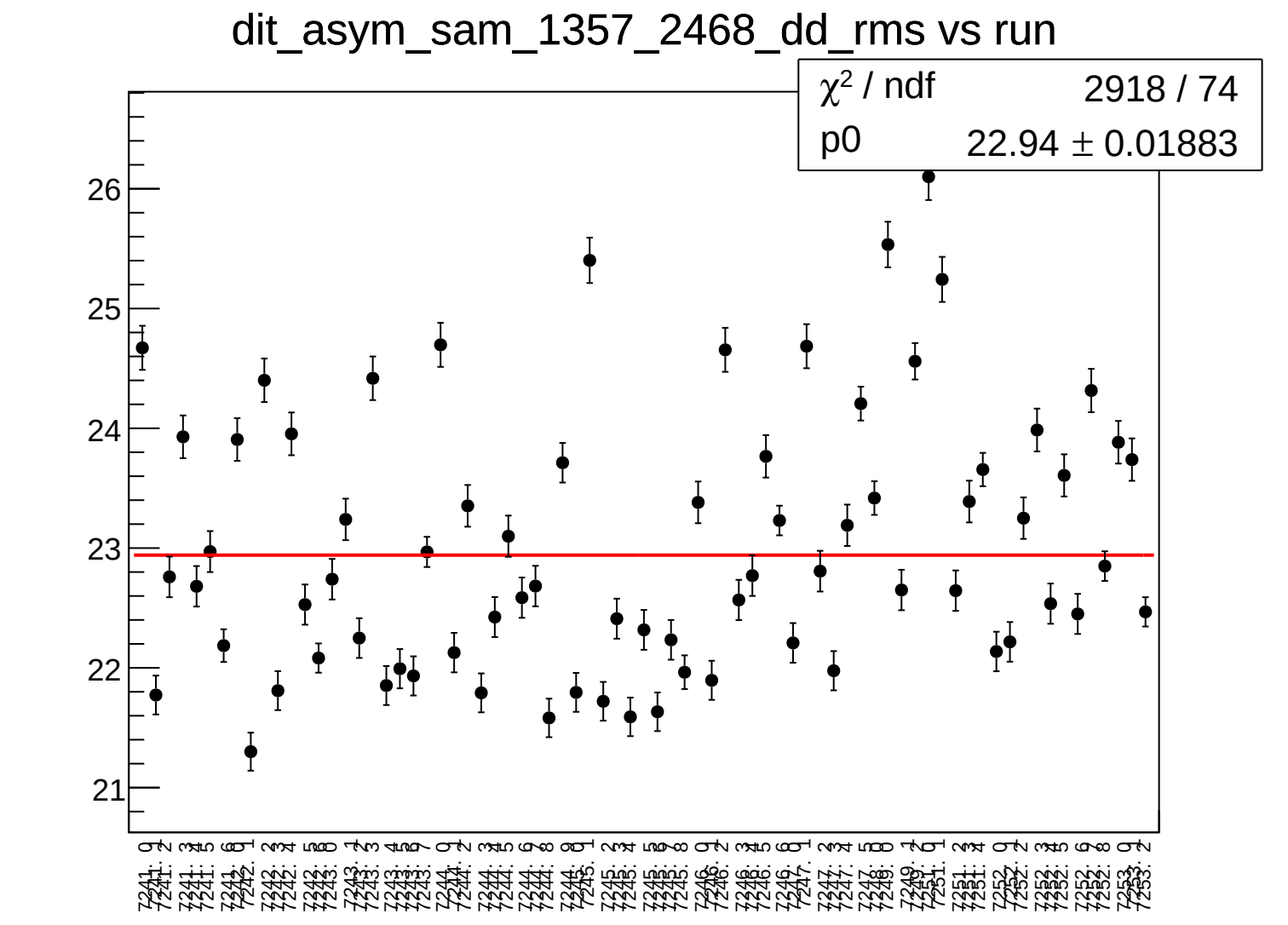

asym_sam_2468_avg_mean vs run
χ² / ndf 84.07 / 74
p0 1268 ± 624.1
pull
Entries 75
Mean 49.3
Std Dev 40.97

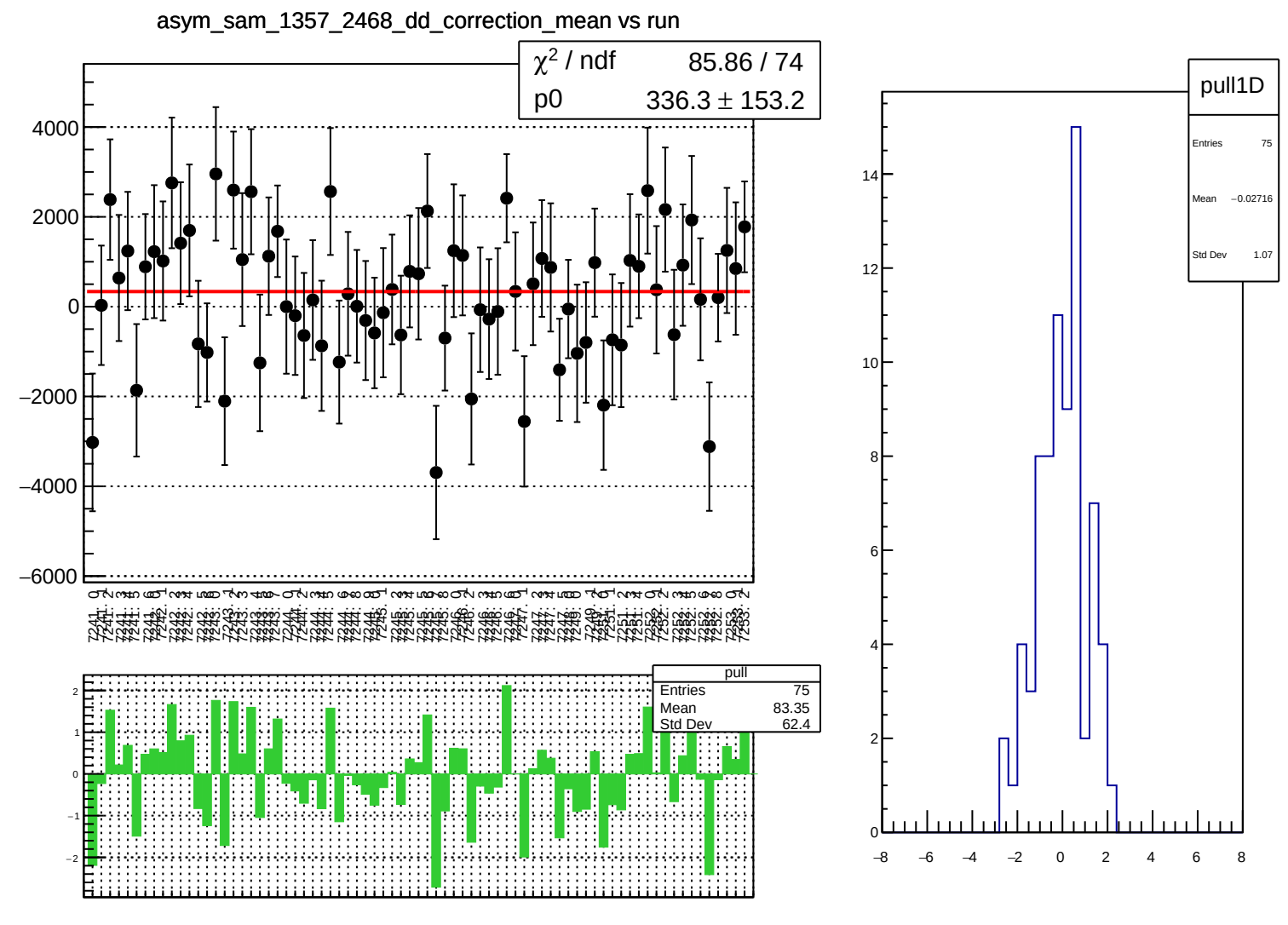

pull1D
Entries 75
Mean −0.03021
Std Dev 1.058

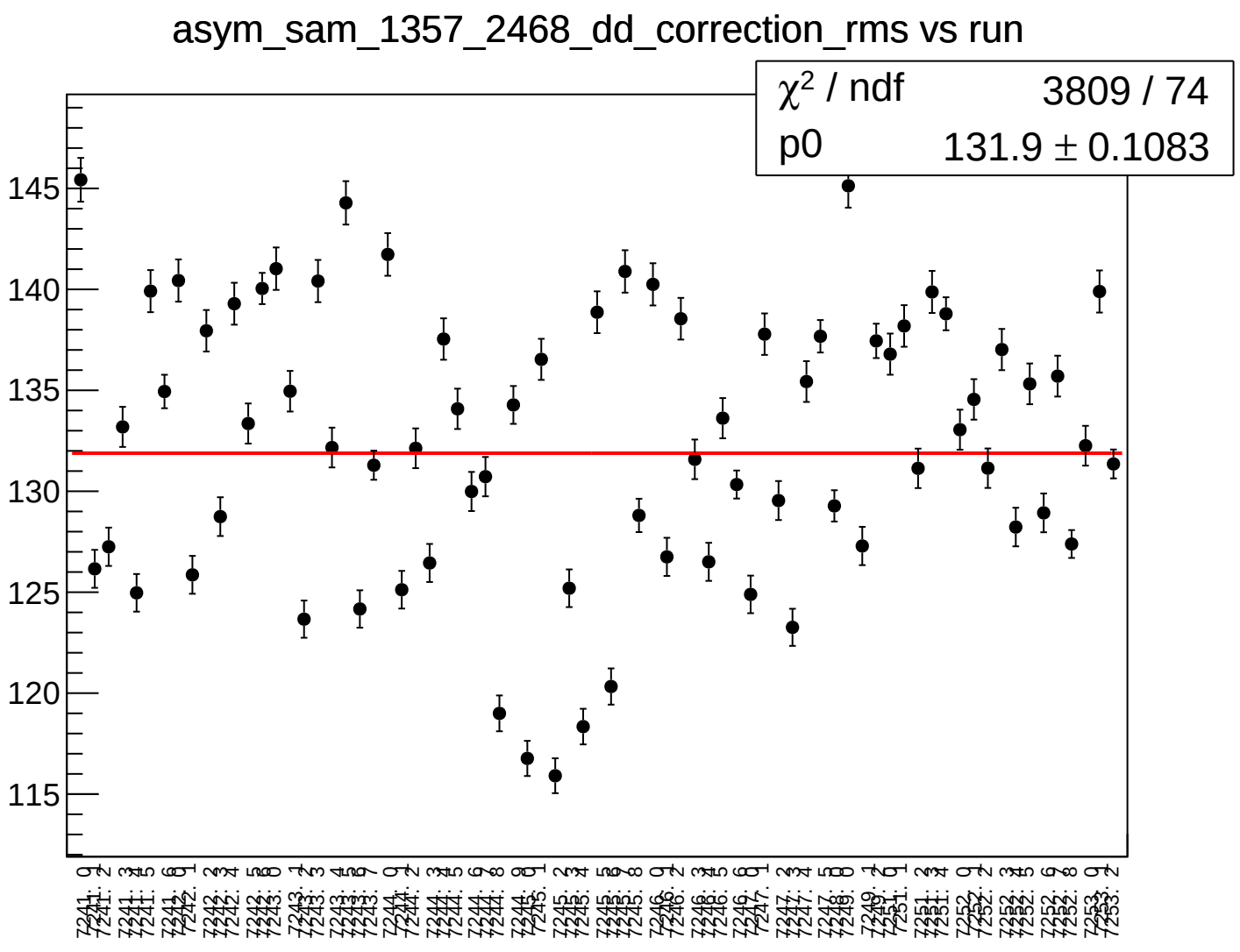

asym_sam_2468_avg_rms vs run
χ² / ndf 4497 / 74
p0 537.2 ± 0.4413
600
580
560
540
520
500
480
460

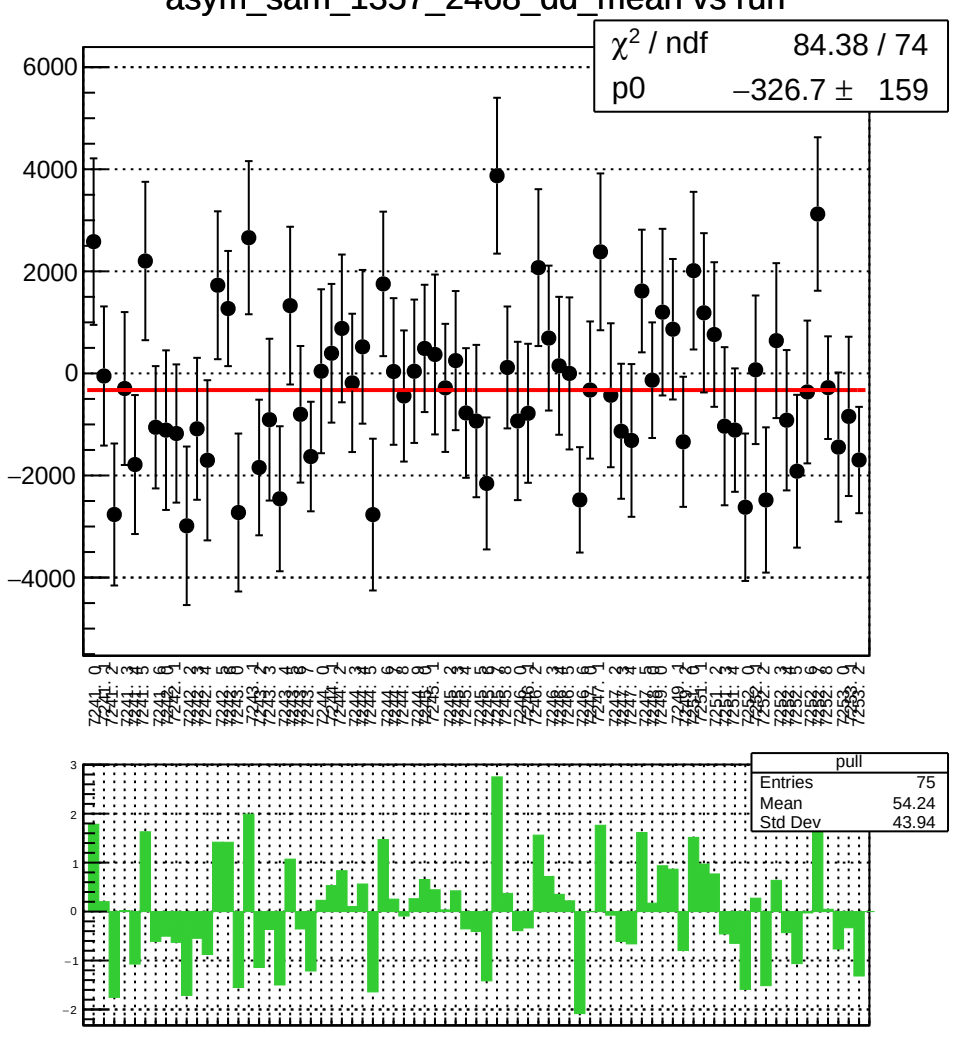

dit_asym_sam_1357_2468_dd_mean vs run
χ² / ndf 89.21 / 74
p0 −20.87 ± 26.64
pull
Entries 75
Mean −285.7
Std Dev 329

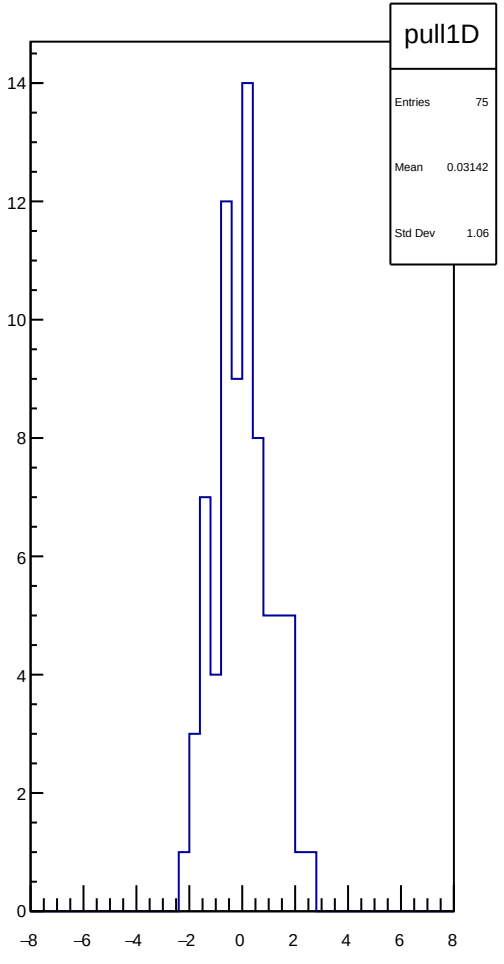

pull1D
Entries 75
Mean 0.0115
Std Dev 1.091

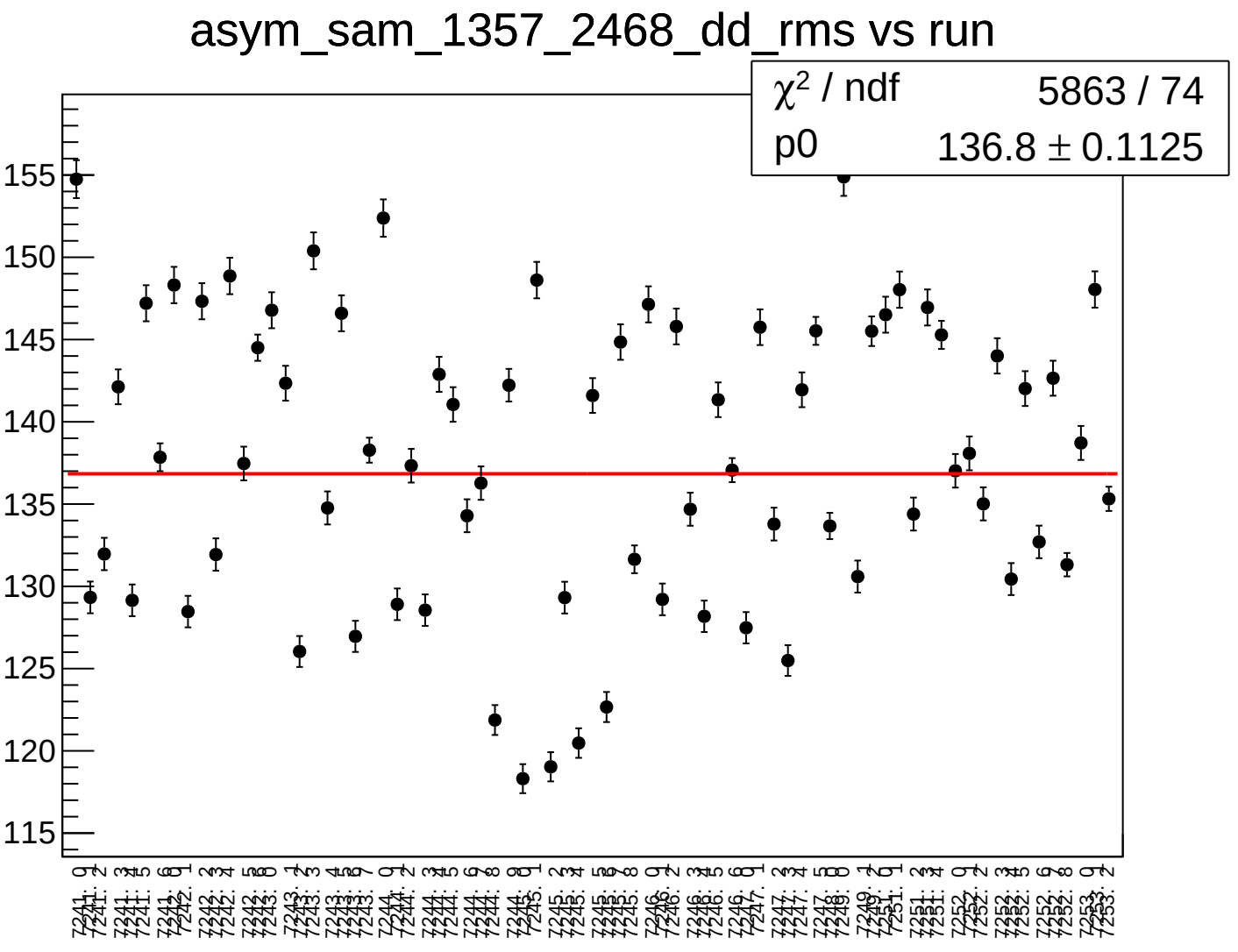

dit_asym_sam_1357_2468_dd_rms vs run
χ² / ndf 2918 / 74
p0 22.94 ± 0.01883
26
25
24
23
22
21

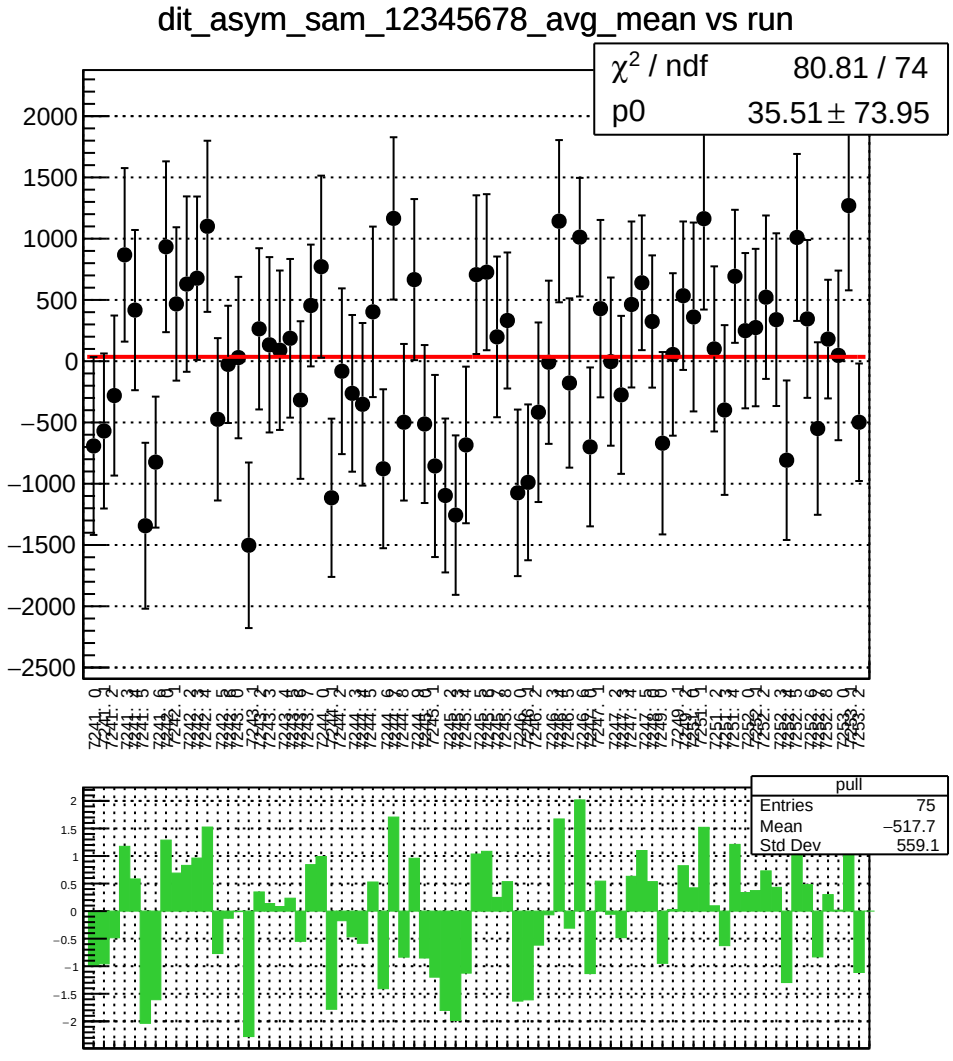

asym_sam_1357_2468_dd_correction_mean vs run
χ² / ndf 85.86 / 74
p0 336.3 ± 153.2
4000
2000
0
−2000
−4000
−6000
pull
Entries 75
Mean 83.35
Std Dev 62.4
2
1
0
−1
−2
pull1D
Entries 75
Mean −0.02716
Std Dev 1.07
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

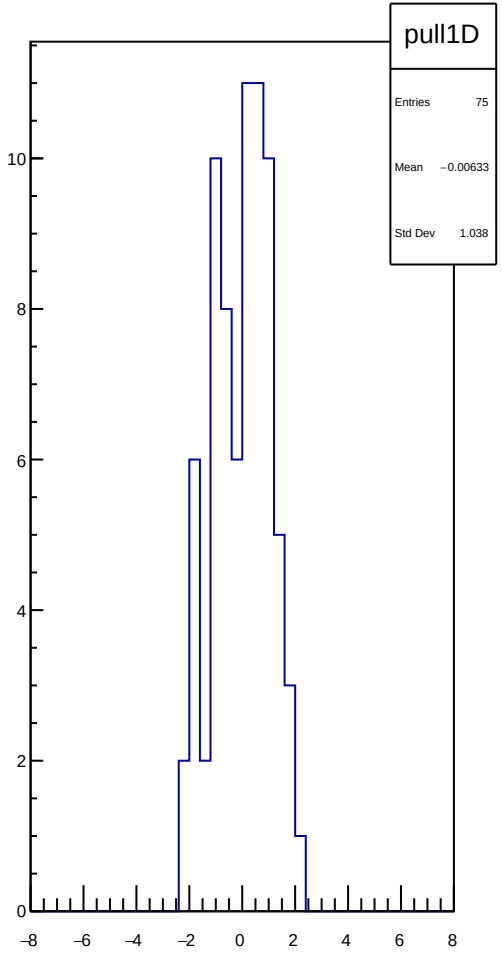

asym_sam_1357_2468_dd_correction_rms vs run
χ² / ndf 3809 / 74
p0 131.9 ± 0.1083
145
140
135
130
125
120
115

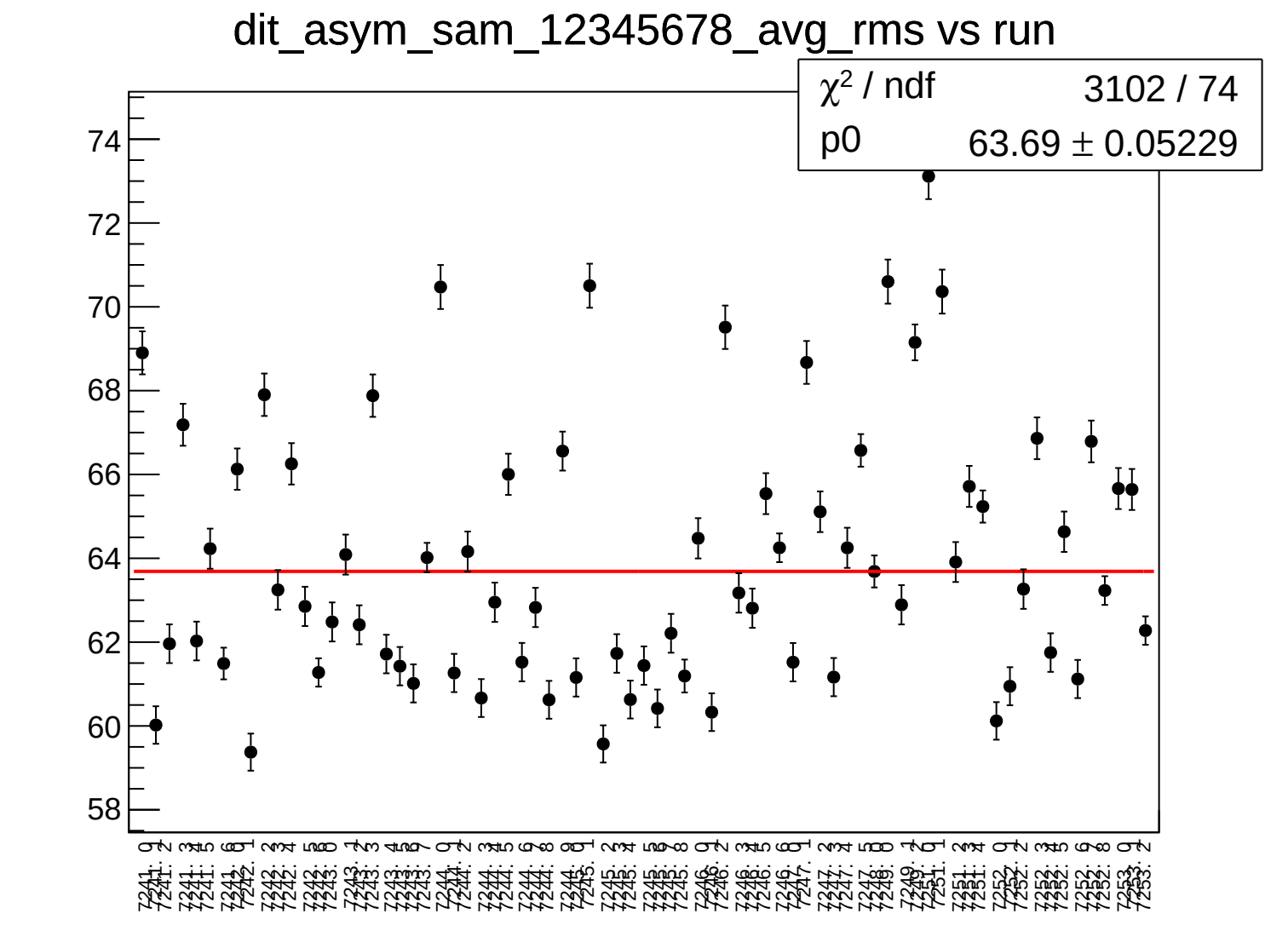

asym_sam_1357_2468_dd_mean vs run
χ² / ndf 84.38 / 74
p0 −326.7 ± 159
6000
4000
2000
0
−2000
−4000
pull
Entries 75
Mean 54.24
Std Dev 43.94
3
2
1
0
−1
−2

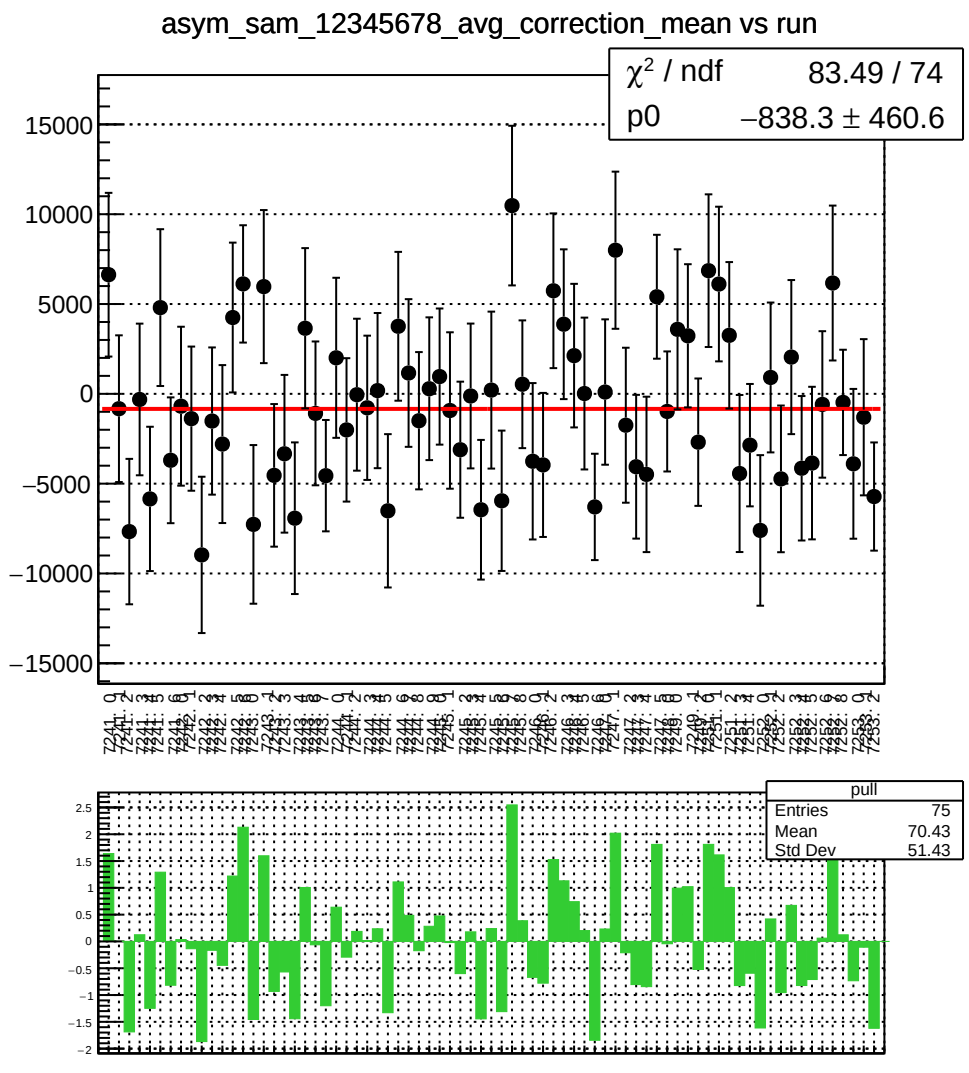

pull1D
Entries 75
Mean 0.03142
Std Dev 1.06
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

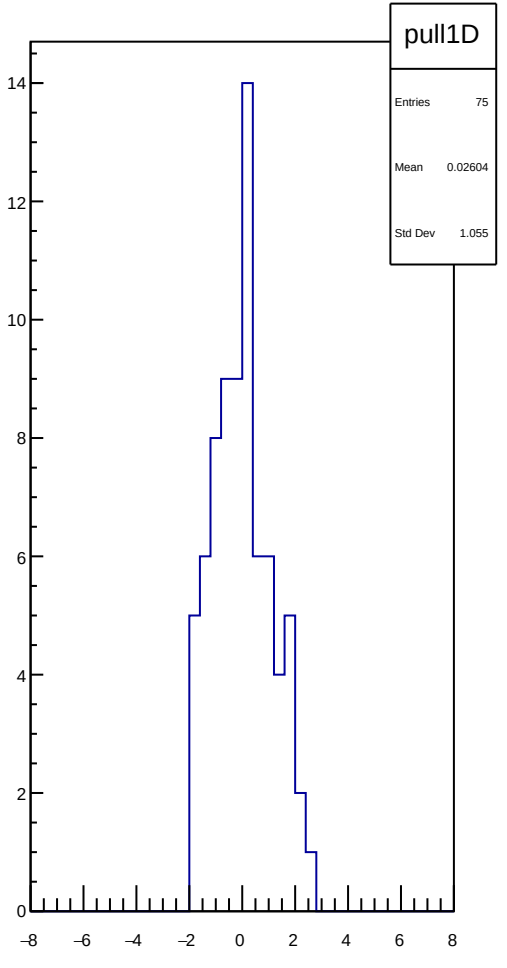

asym_sam_1357_2468_dd_rms vs run
χ² / ndf 5863 / 74
p0 136.8 ± 0.1125
155
150
145
140
135
130
125
120
115

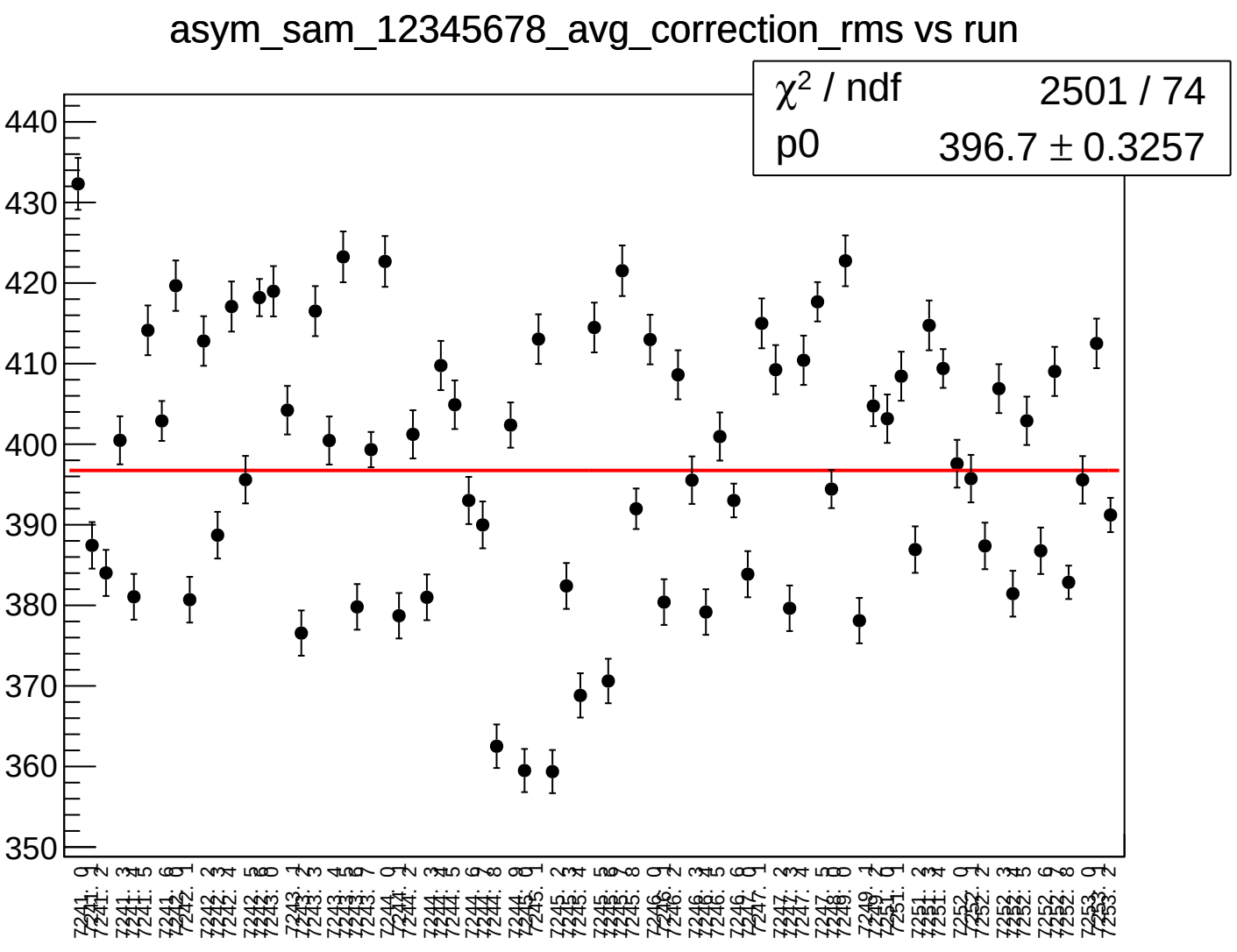

dit_asym_sam_12345678_avg_mean vs run
χ² / ndf 80.81 / 74
p0 35.51 ± 73.95
pull
Entries 75
Mean −517.7
Std Dev 559.1

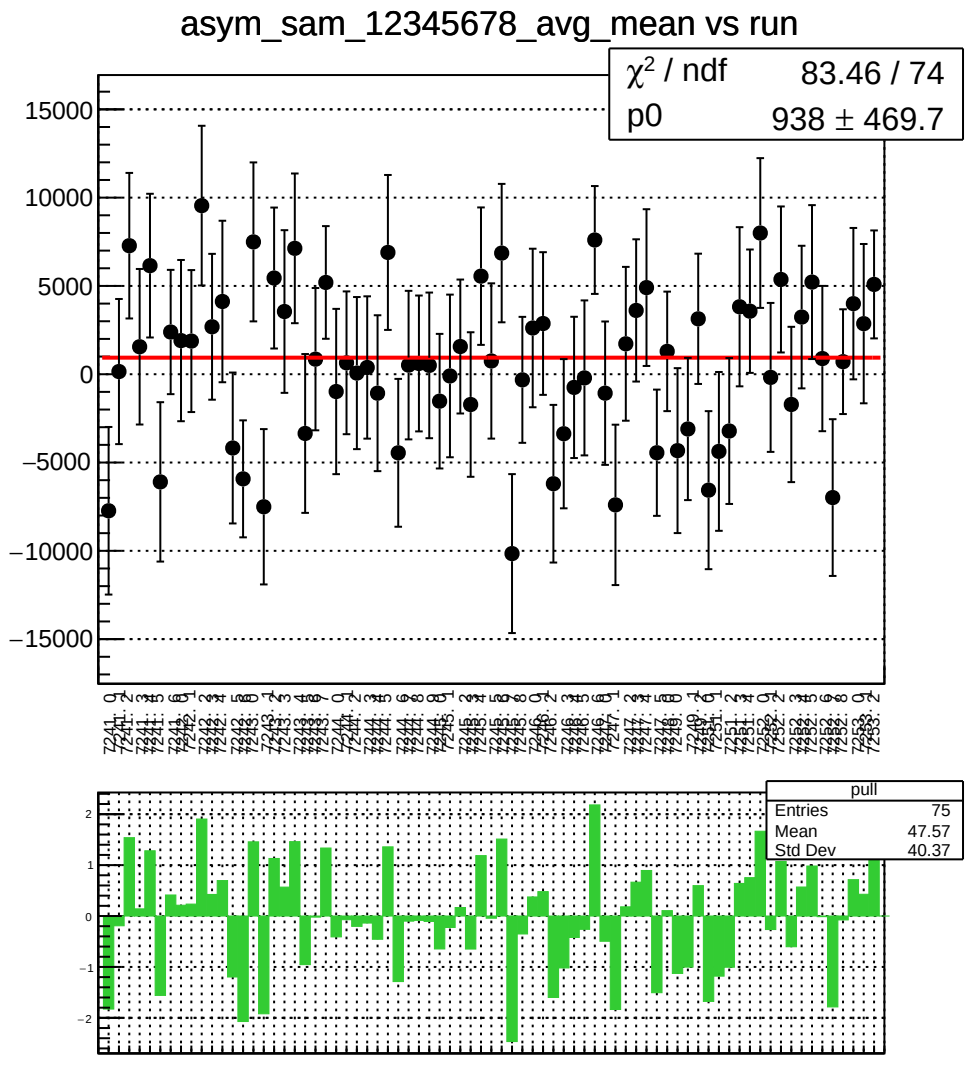

pull1D
Entries 75
Mean −0.00633
Std Dev 1.038

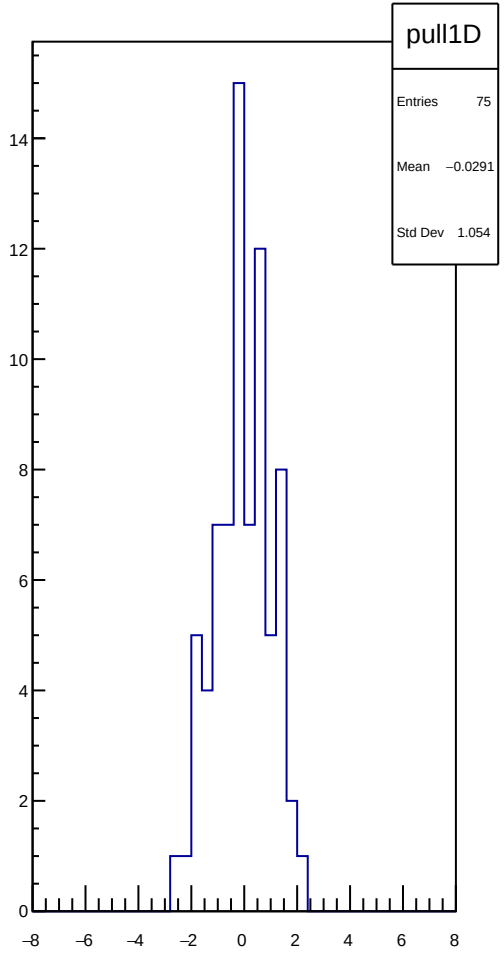

dit_asym_sam_12345678_avg_rms vs run
χ² / ndf 3102 / 74
p0 63.69 ± 0.05229
74
72
70
68
66
64
62
60
58

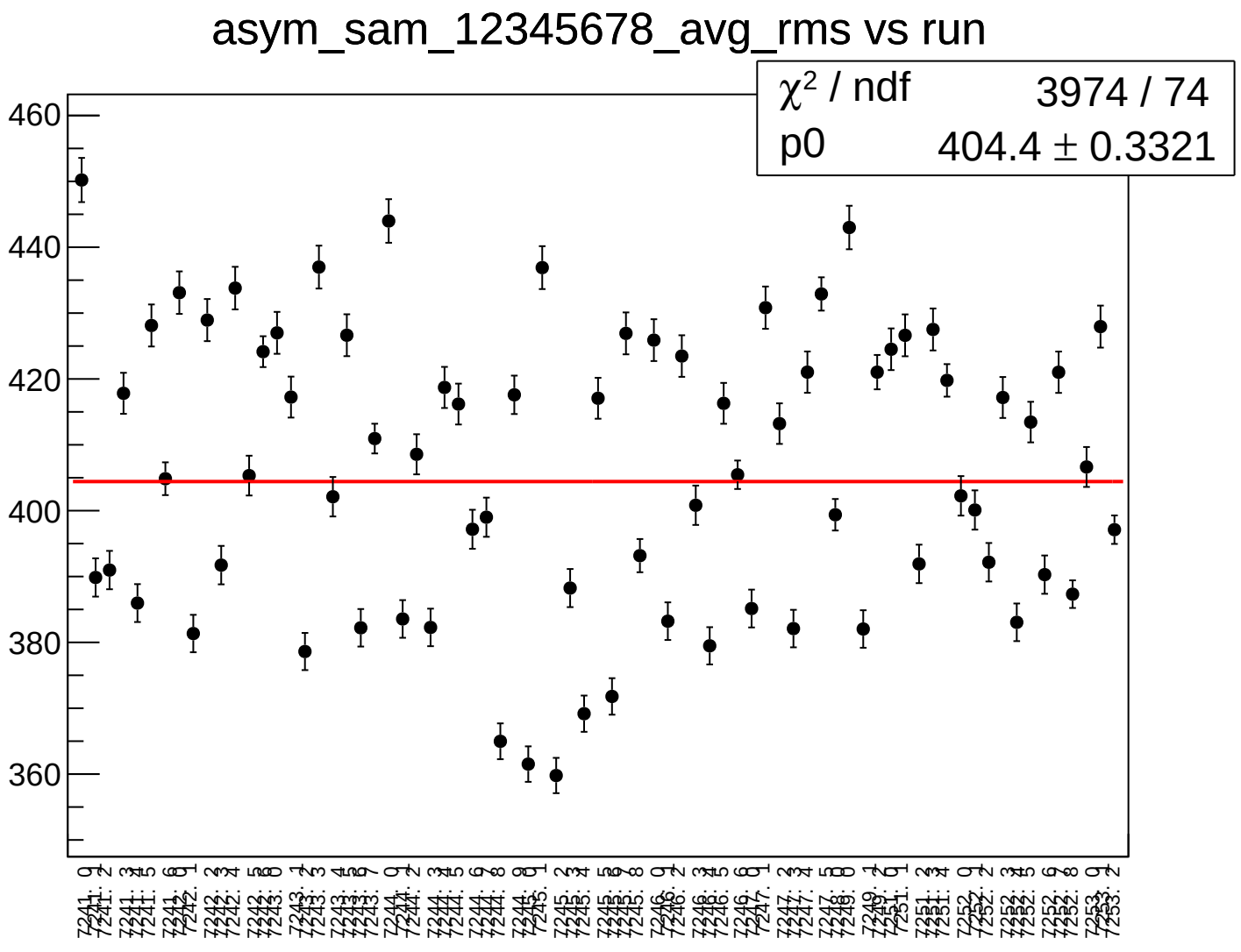

asym_sam_12345678_avg_correction_mean vs run
χ² / ndf 83.49 / 74
p0 −838.3 ± 460.6
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 75
Mean 70.43
Std Dev 51.43
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

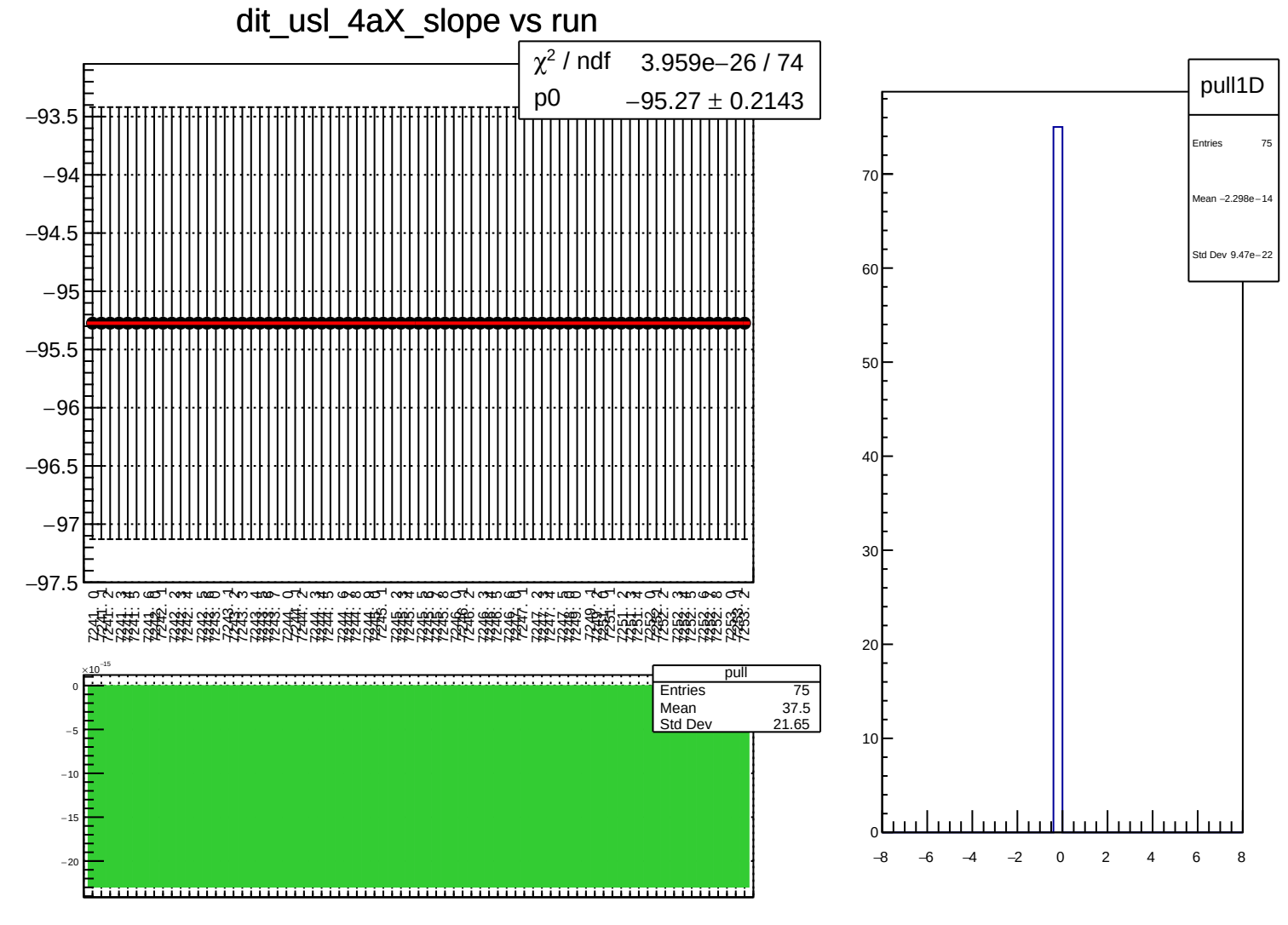

pull1D
Entries 75
Mean 0.02604
Std Dev 1.055
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

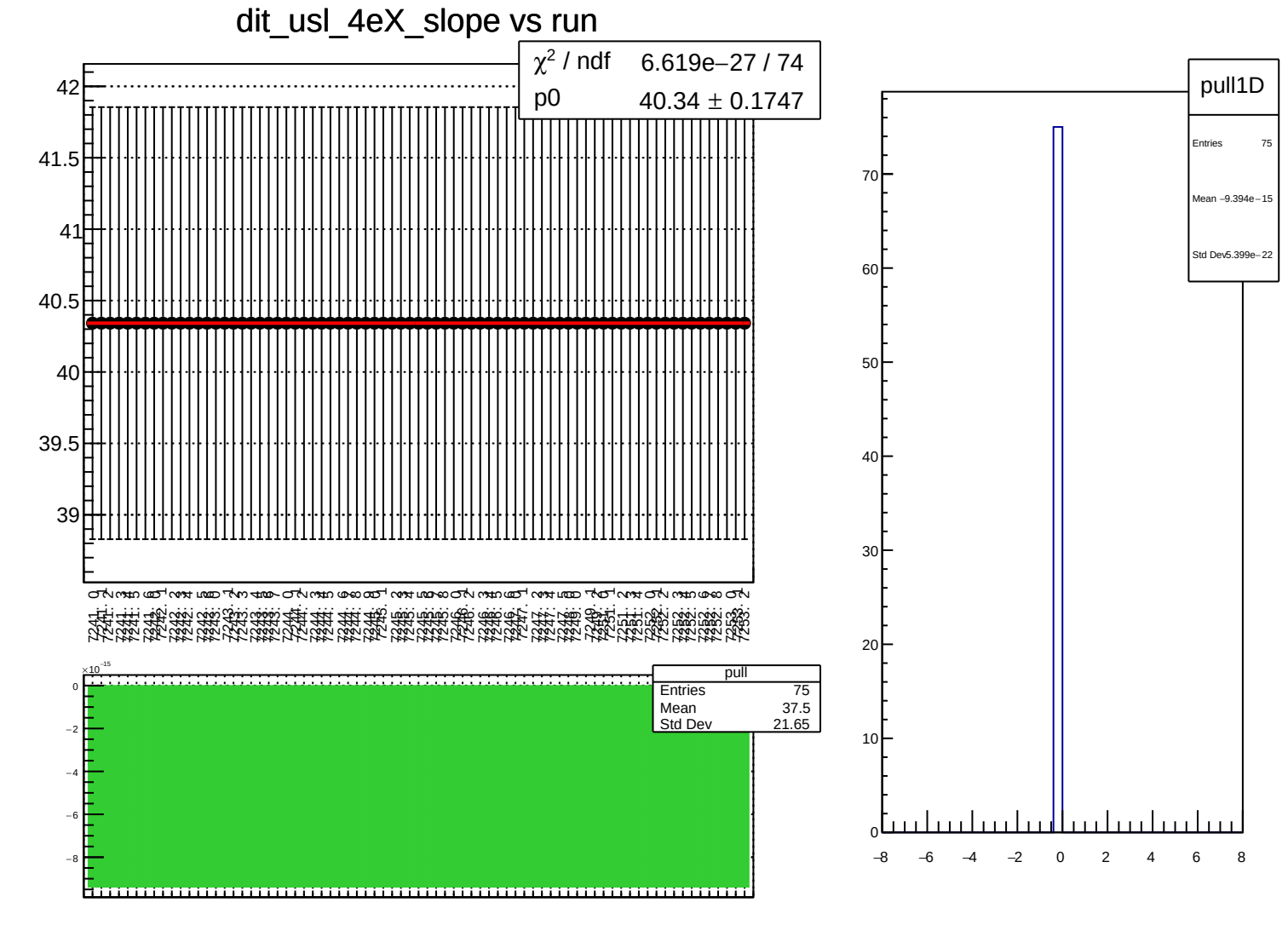

asym_sam_12345678_avg_correction_rms vs run
χ² / ndf 2501 / 74
p0 396.7 ± 0.3257
440
430
420
410
400
390
380
370
360
350

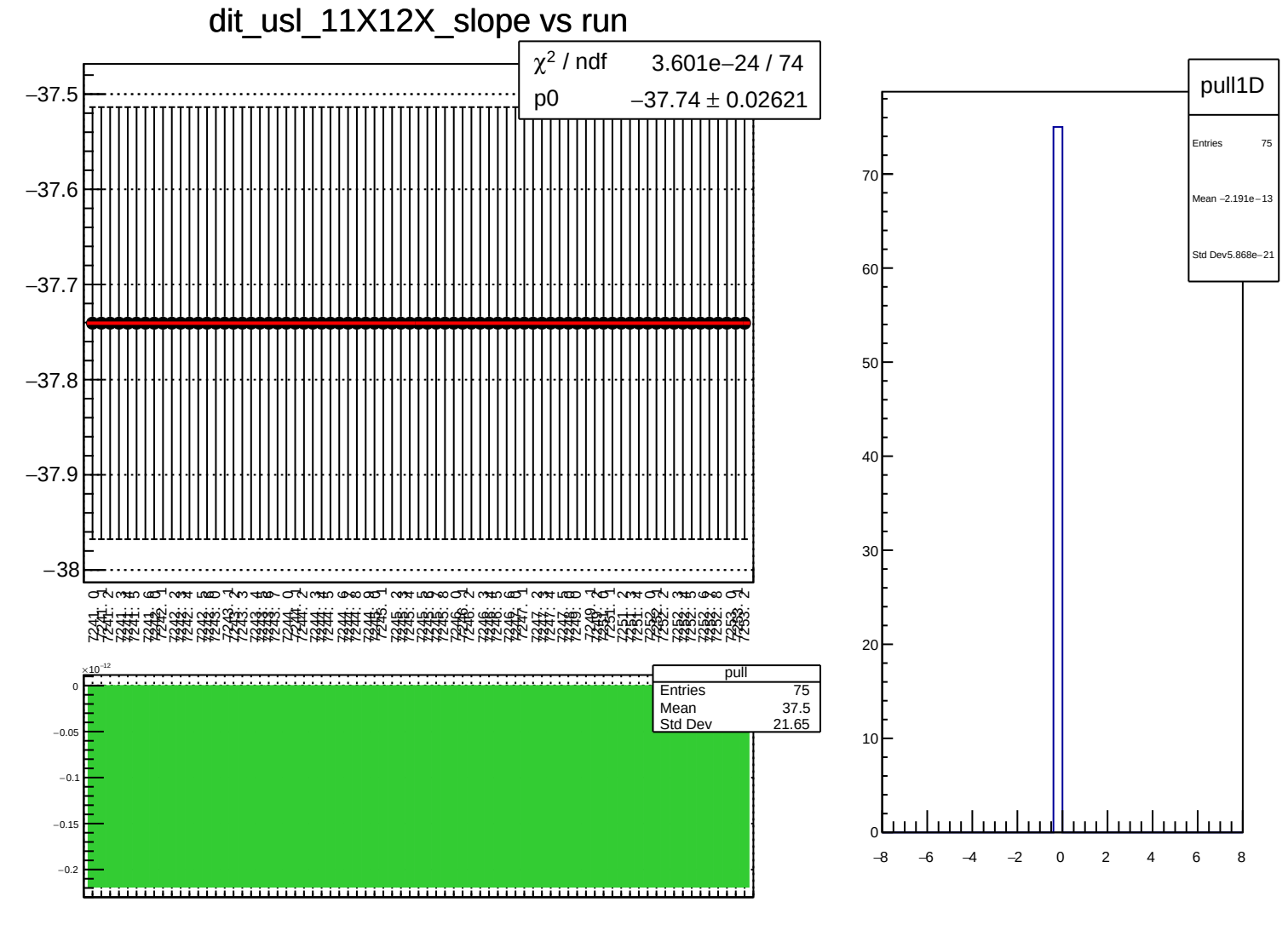

asym_sam_12345678_avg_mean vs run
χ² / ndf 83.46 / 74
p0 938 ± 469.7
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 75
Mean 47.57
Std Dev 40.37
2
1
0
−1
−2

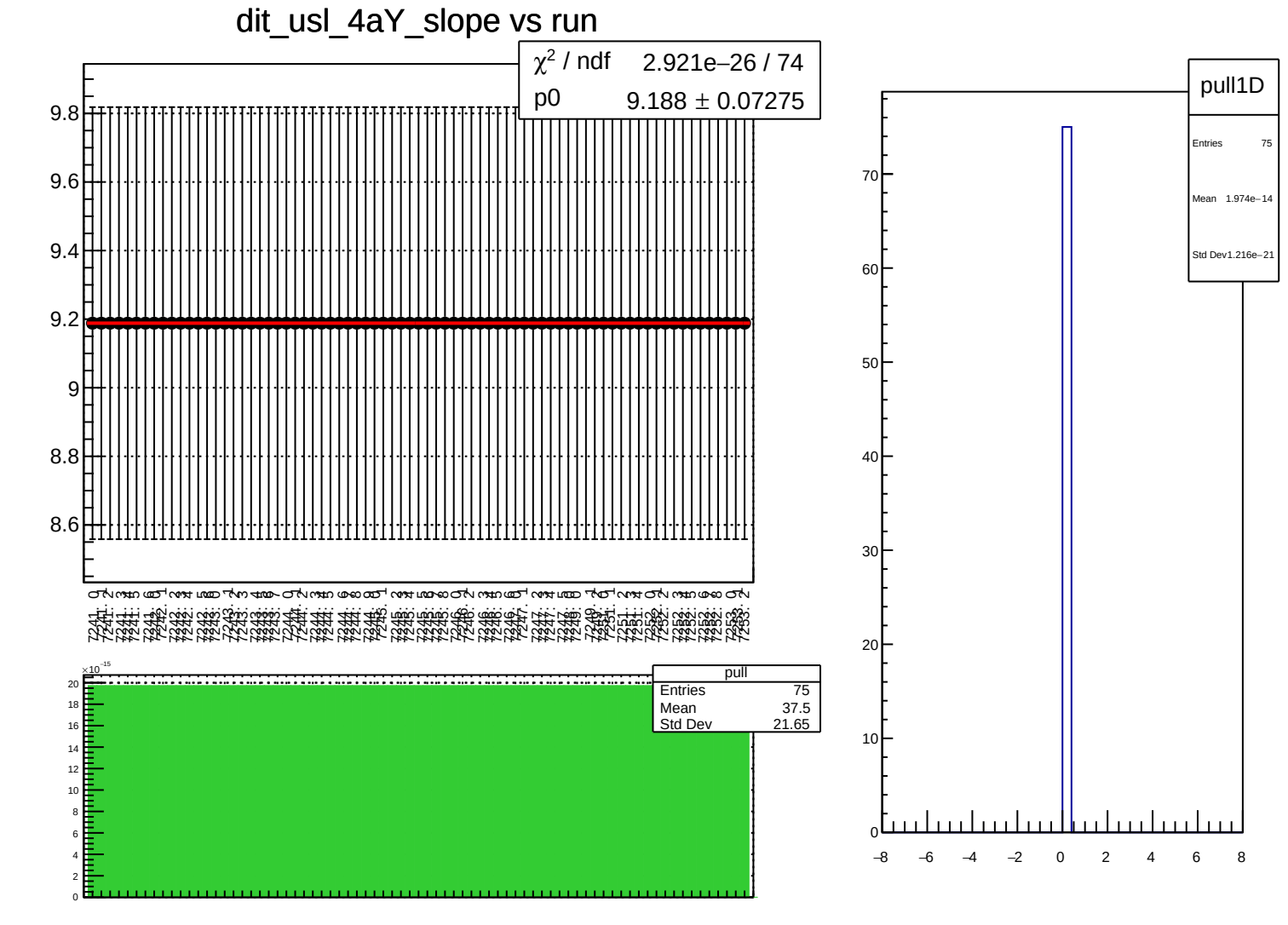

pull1D
Entries 75
Mean −0.0291
Std Dev 1.054
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

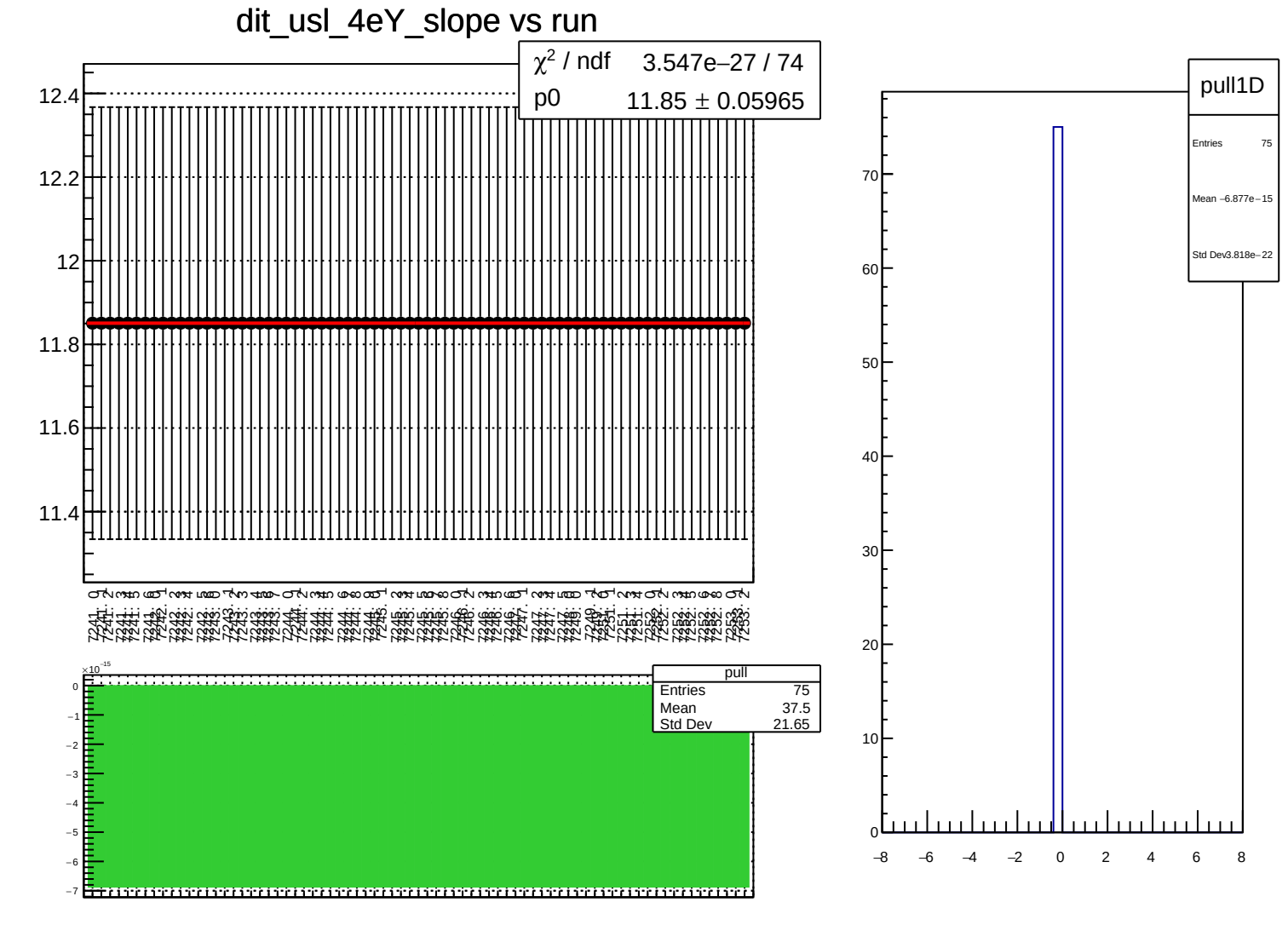

asym_sam_12345678_avg_rms vs run
χ² / ndf 3974 / 74
p0 404.4 ± 0.3321
460
440
420
400
380
360

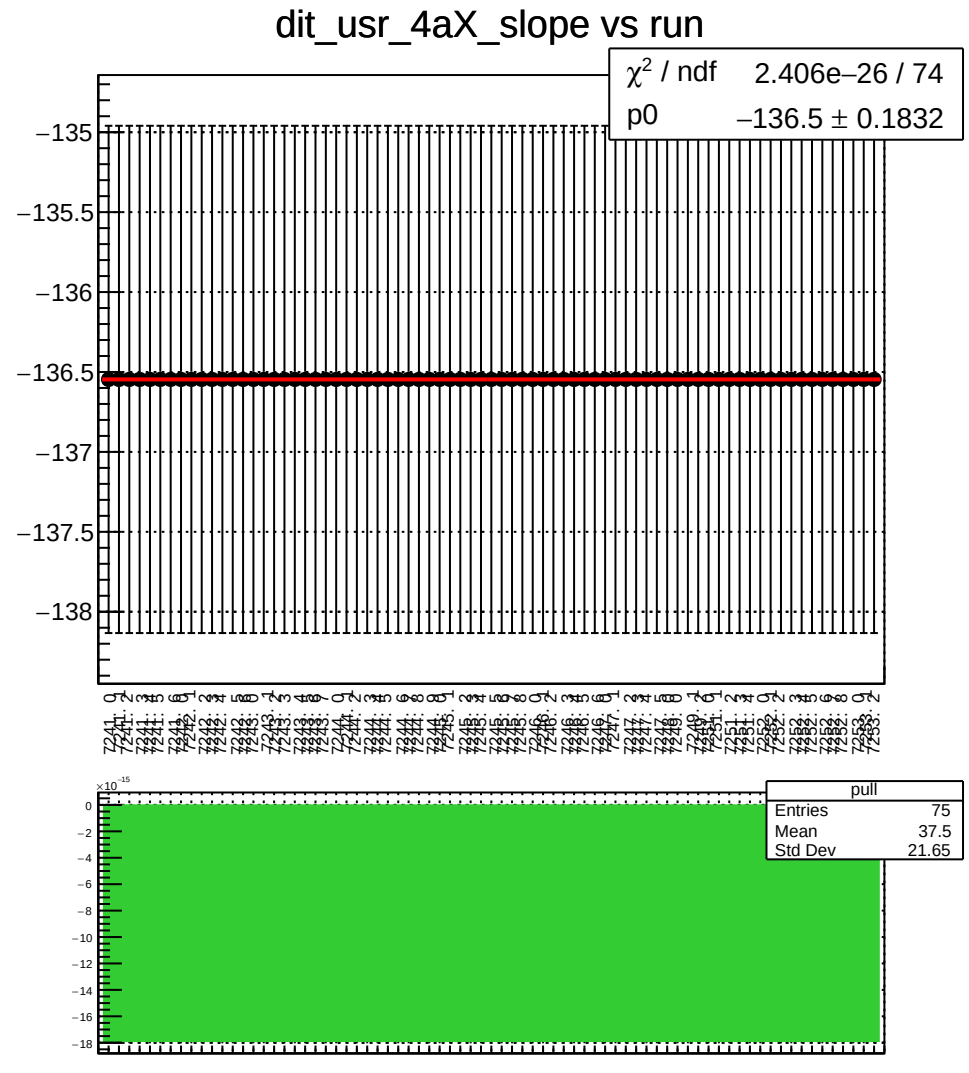

dit_usl_4aX_slope vs run
χ² / ndf 3.959e−26 / 74
p0 −95.27 ± 0.2143
−93.5
−94
−94.5
−95
−95.5
−96
−96.5
−97
−97.5
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−5
−10
−15
−20
pull1D
Entries 75
Mean −2.298e−14
Std Dev 9.47e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

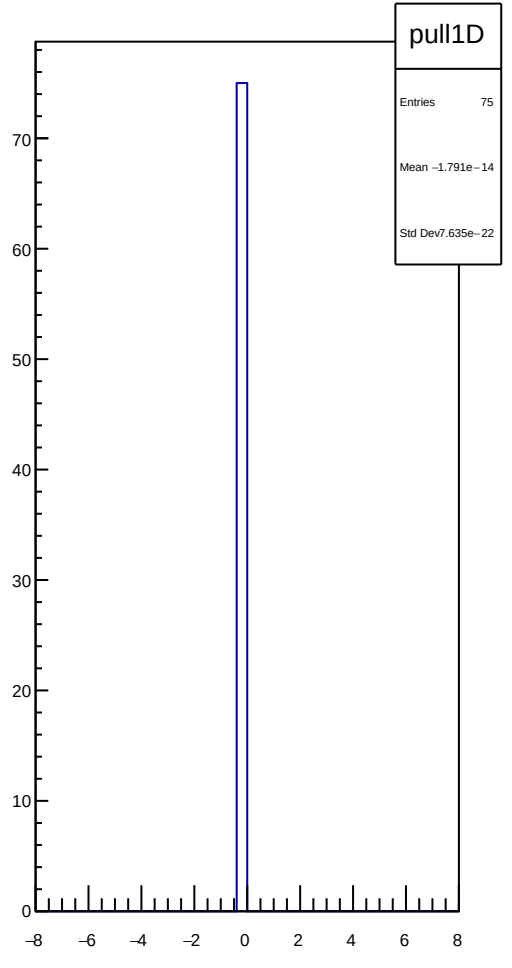

dit_usl_4eX_slope vs run
χ² / ndf 6.619e−27 / 74
p0 40.34 ± 0.1747
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean −9.394e−15
Std Dev 5.399e−22

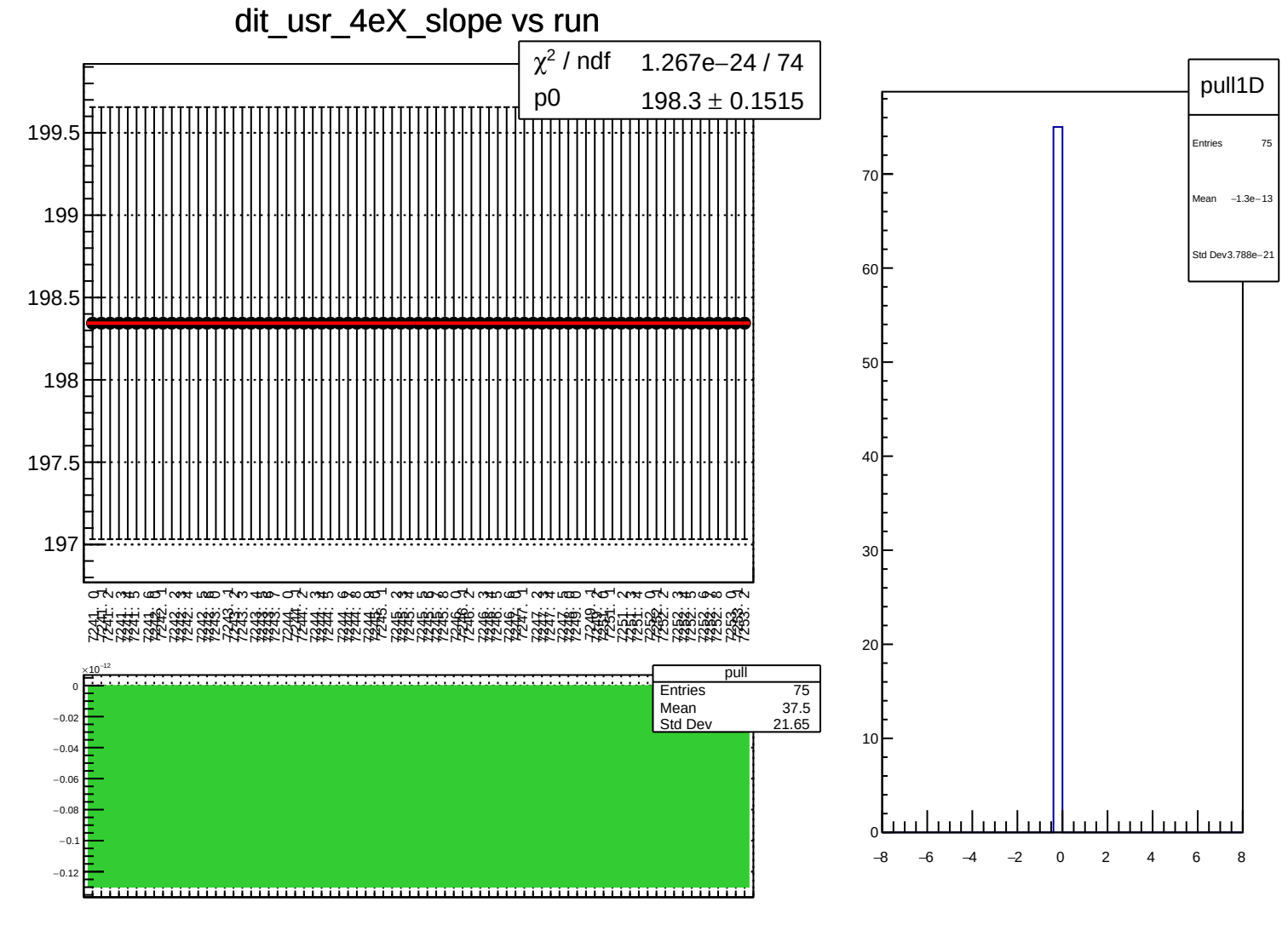

dit_usl_11X12X_slope vs run
χ² / ndf 3.601e−24 / 74
p0 −37.74 ± 0.02621
−37.5
−37.6
−37.7
−37.8
−37.9
−38
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
pull1D
Entries 75
Mean −2.191e−13
Std Dev5.868e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

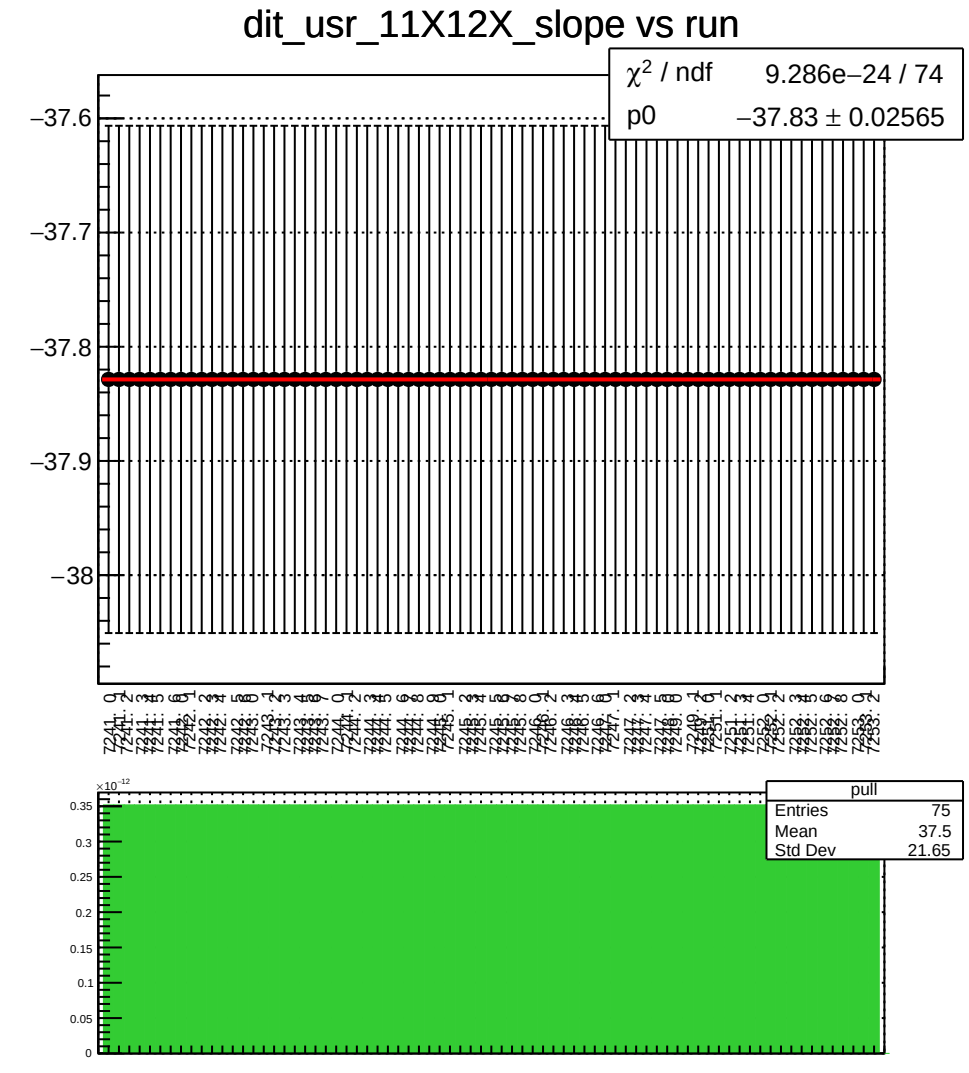

dit_usl_4aY_slope vs run
χ² / ndf 2.921e−26 / 74
p0 9.188 ± 0.07275
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean 1.974e−14
Std Dev1.216e−21

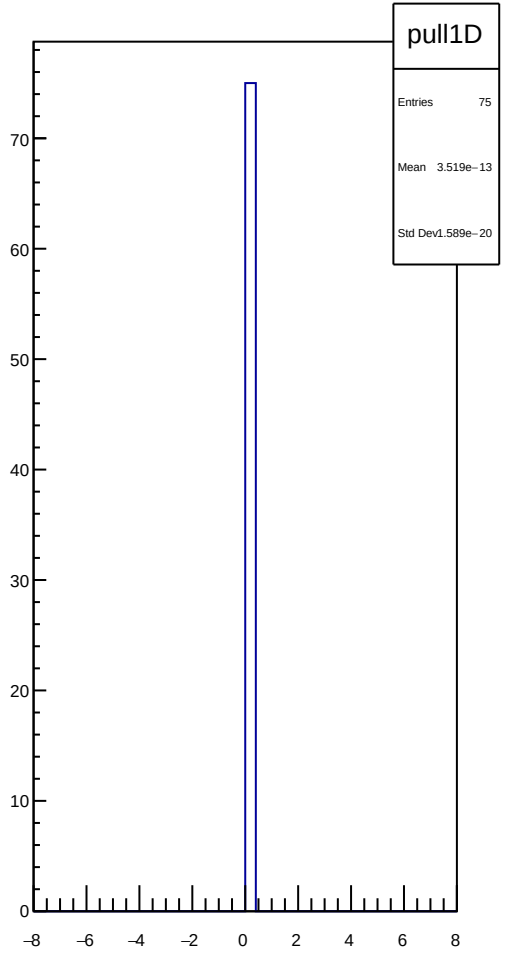

dit_usl_4eY_slope vs run
χ² / ndf 3.547e−27 / 74
p0 11.85 ± 0.05965
12.4
12.2
12
11.8
11.6
11.4
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−1
−2
−3
−4
−5
−6
−7
pull1D
Entries 75
Mean −6.877e−15
Std Dev 3.818e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

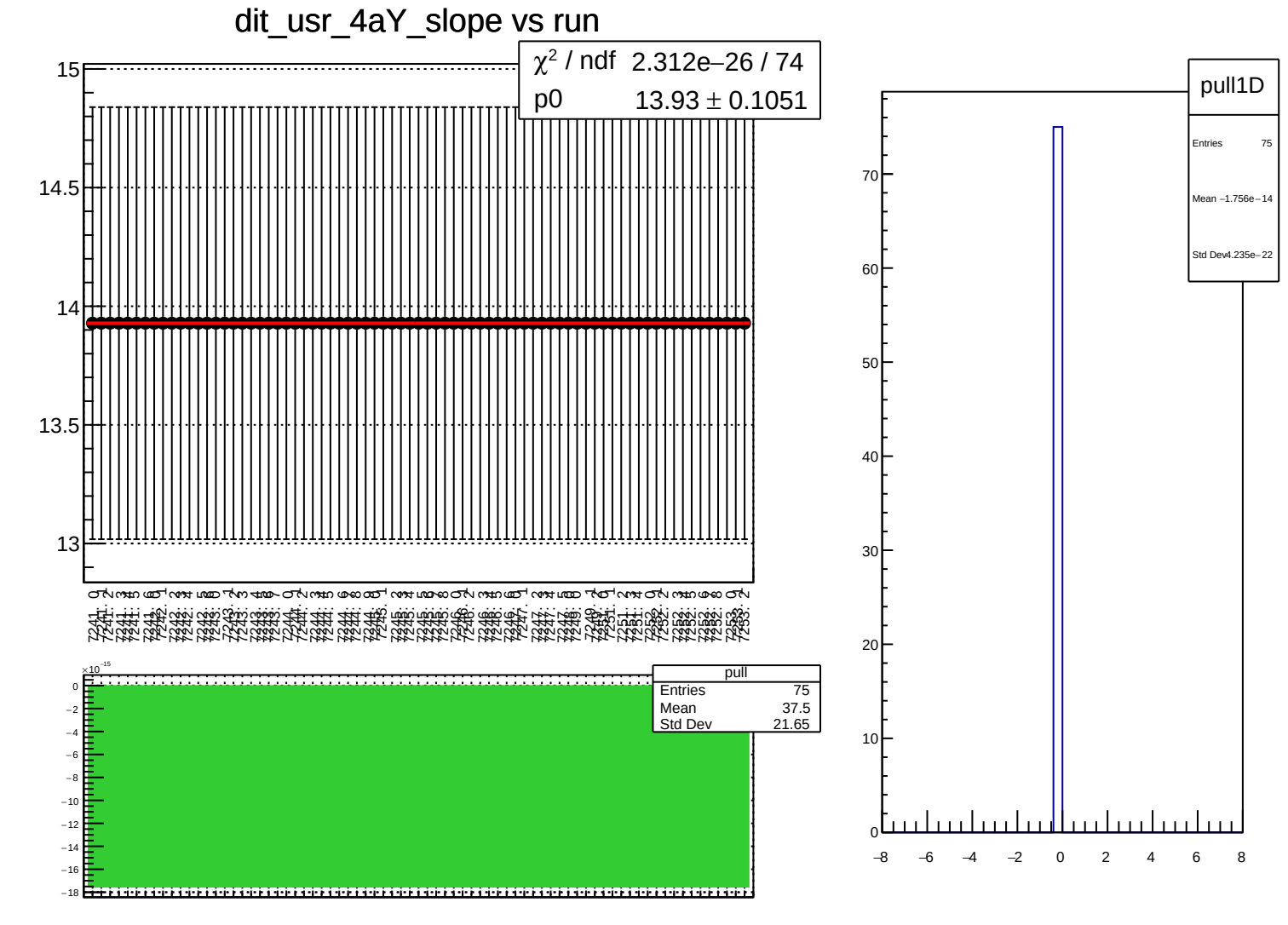

dit_usr_4aX_slope vs run
χ² / ndf 2.406e−26 / 74
p0 −136.5 ± 0.1832
−135
−135.5
−136
−136.5
−137
−137.5
−138
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
−16
−18

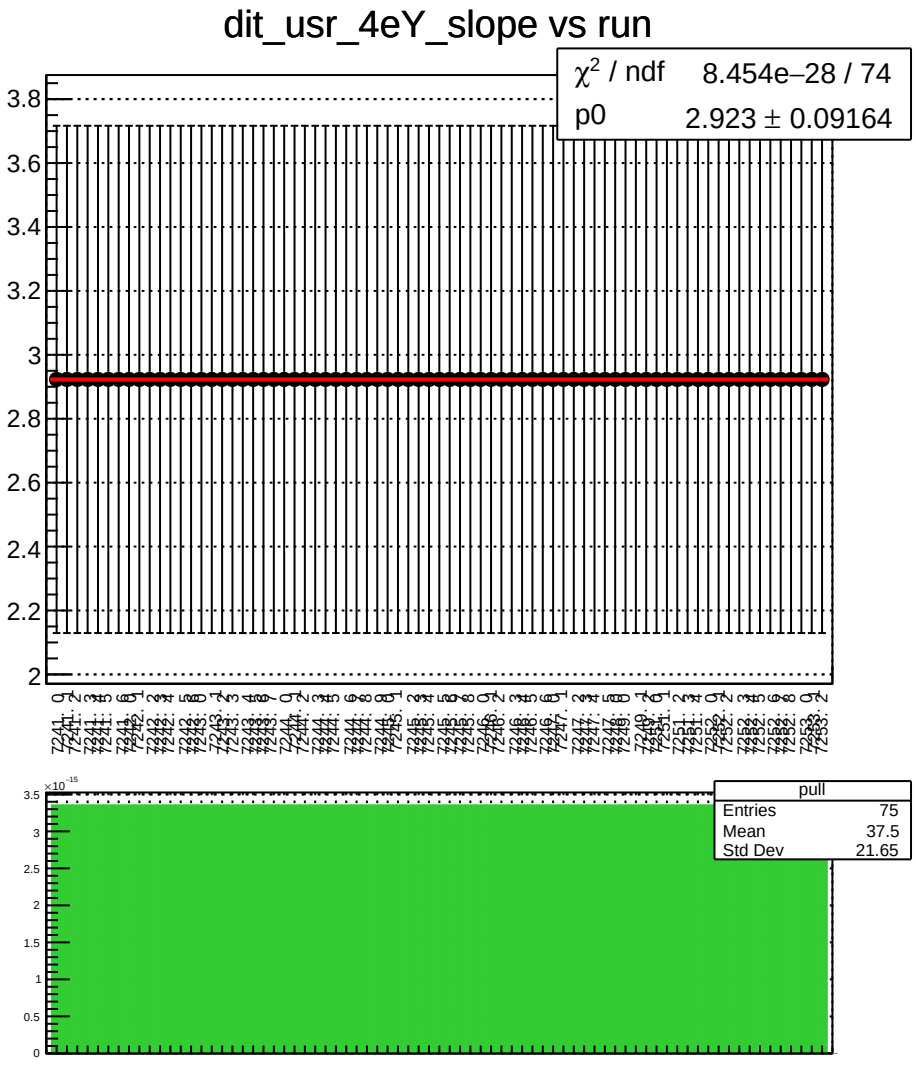

pull1D
Entries 75
Mean −1.791e−14
Std Dev7.635e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

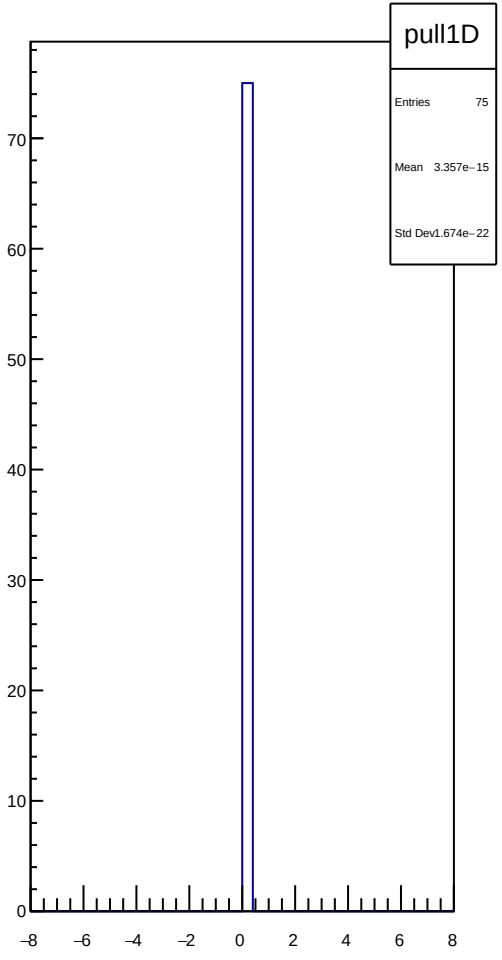

dit_usr_4eX_slope vs run
χ^2 / ndf 1.267e−24 / 74
p0 198.3 ± 0.1515
199.5
199
198.5
198
197.5
197
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
pull1D
Entries 75
Mean −1.3e−13
Std Dev3.788e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

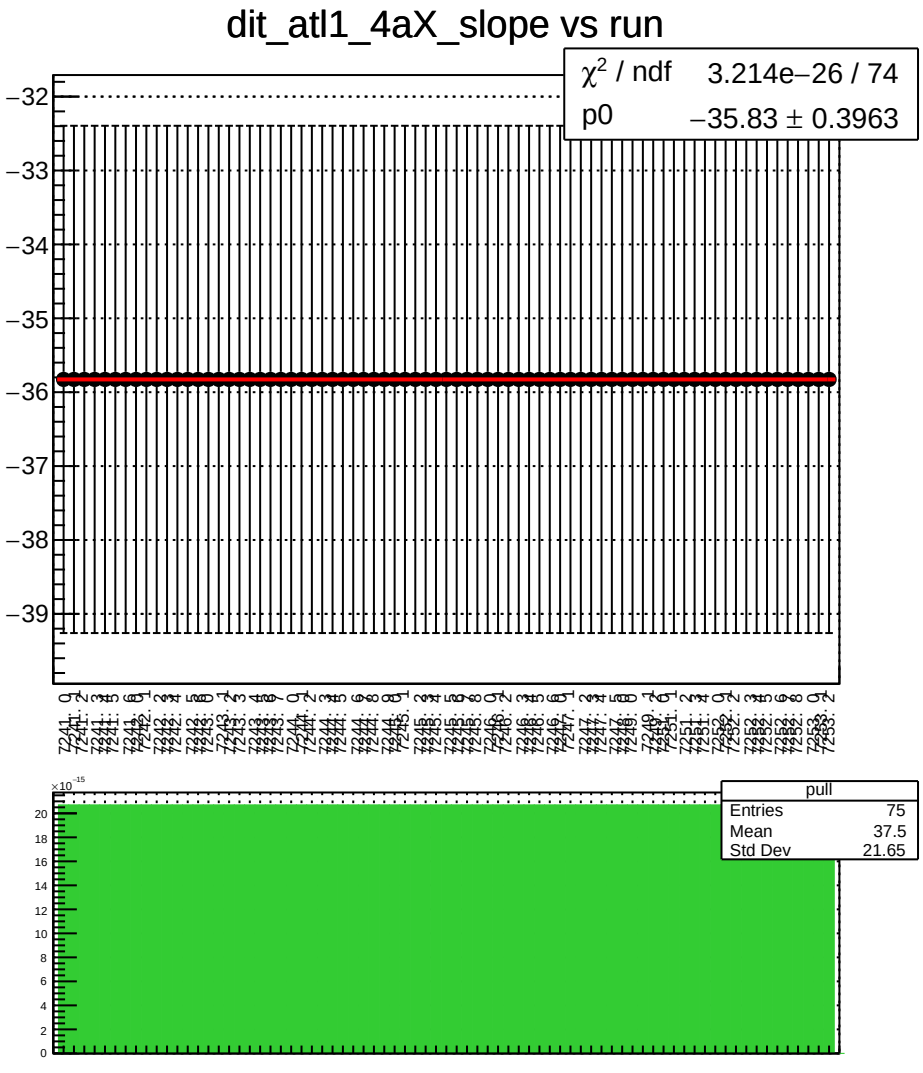

dit_usr_11X12X_slope vs run
χ² / ndf 9.286e−24 / 74
p0 −37.83 ± 0.02565
−37.6
−37.7
−37.8
−37.9
−38
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0

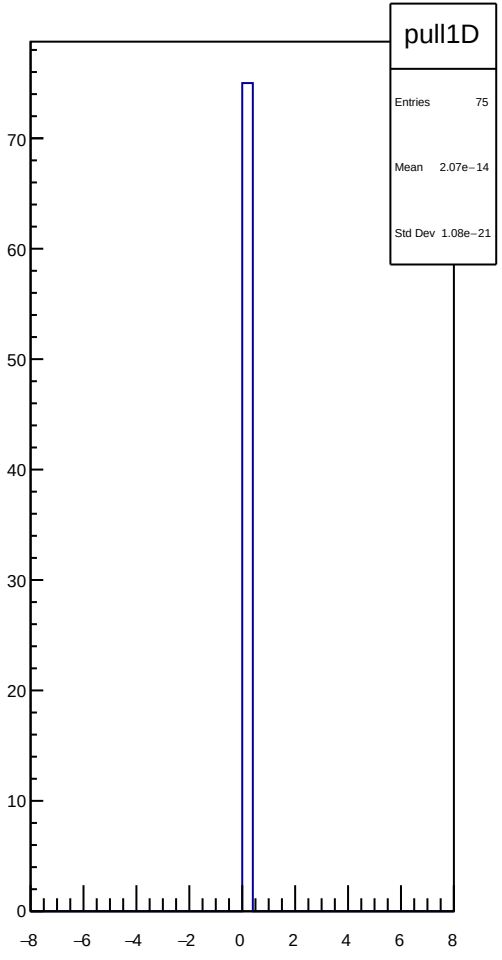

pull1D
Entries 75
Mean 3.519e−13
Std Dev1.589e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

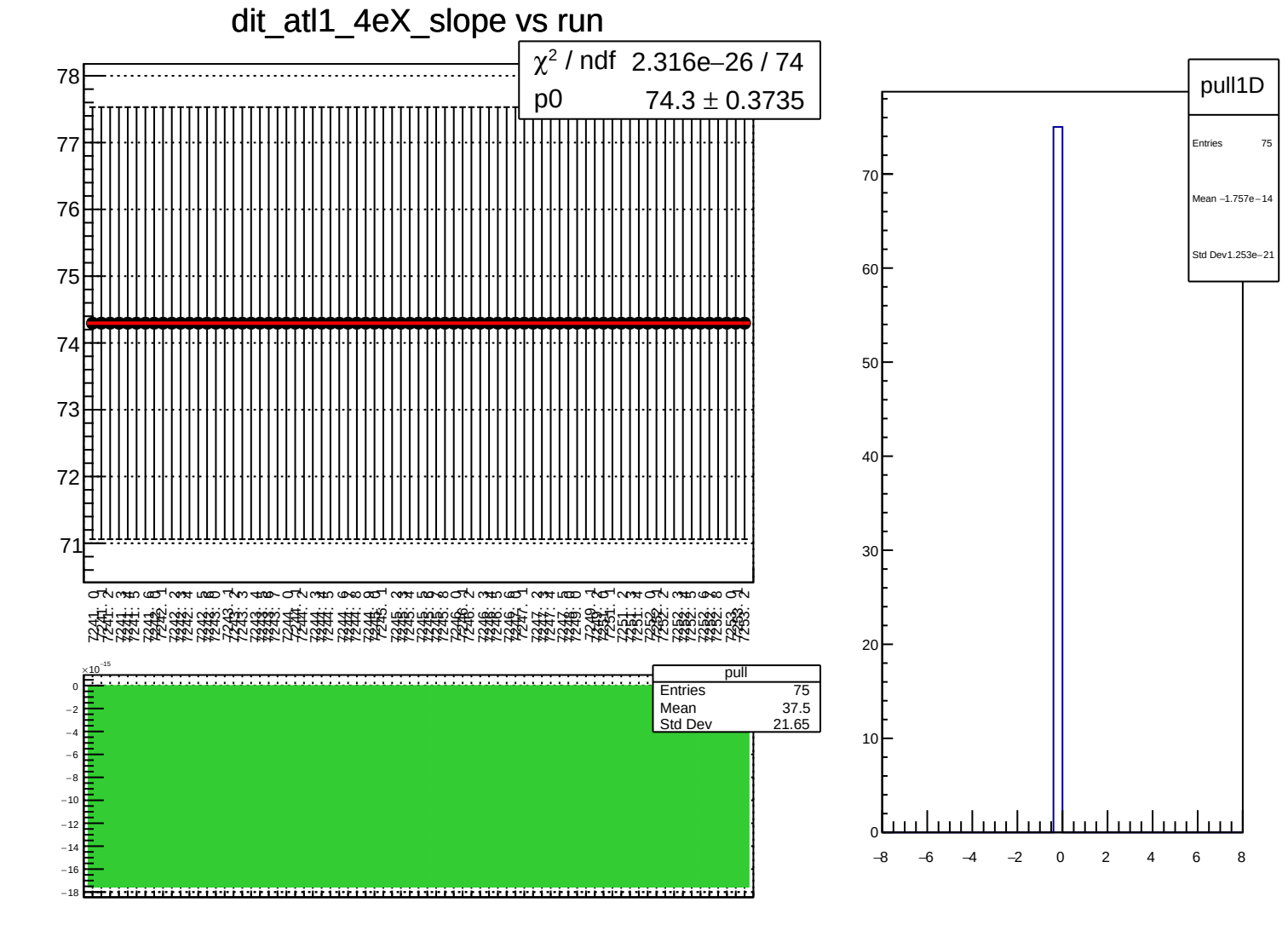

dit_usr_4aY_slope vs run
χ² / ndf 2.312e−26 / 74
p0 13.93 ± 0.1051
15
14.5
14
13.5
13
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
−16
−18
pull1D
Entries 75
Mean −1.756e−14
Std Dev4.235e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

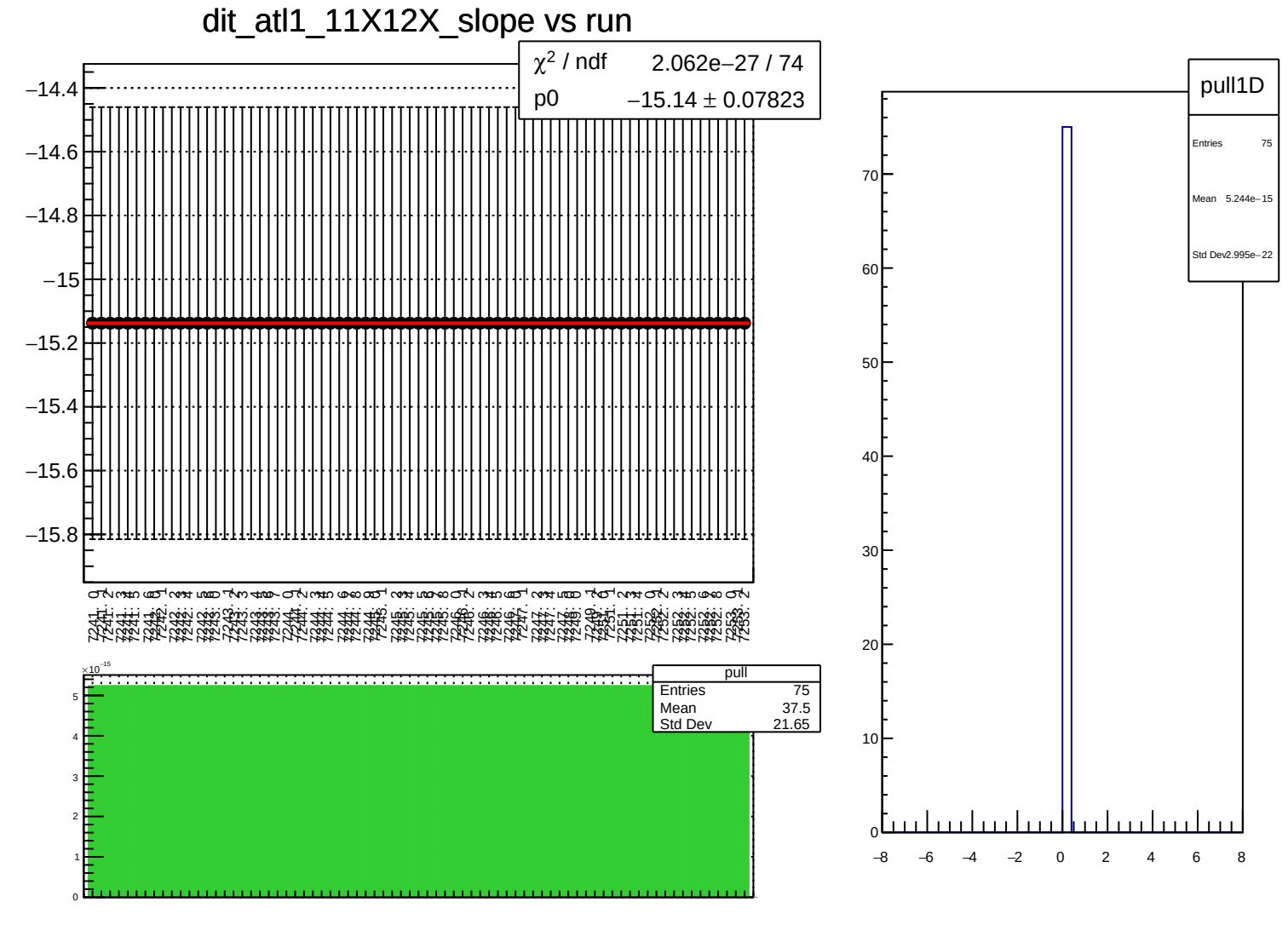

dit_usr_4eY_slope vs run
χ² / ndf 8.454e−28 / 74
p0 2.923 ± 0.09164
pull
Entries 75
Mean 37.5
Std Dev 21.65

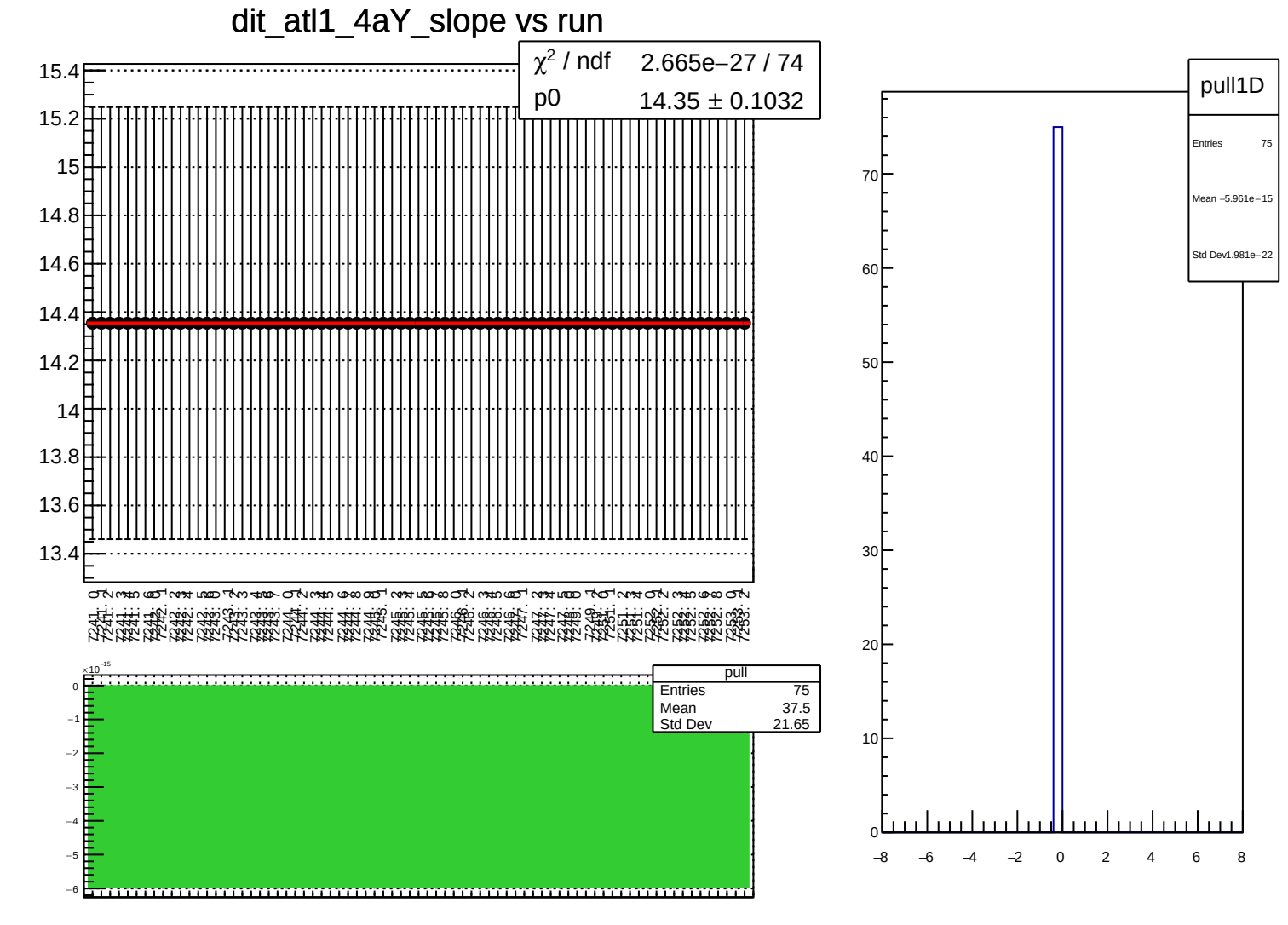

pull1D
Entries 75
Mean 3.357e−15
Std Dev1.674e−22

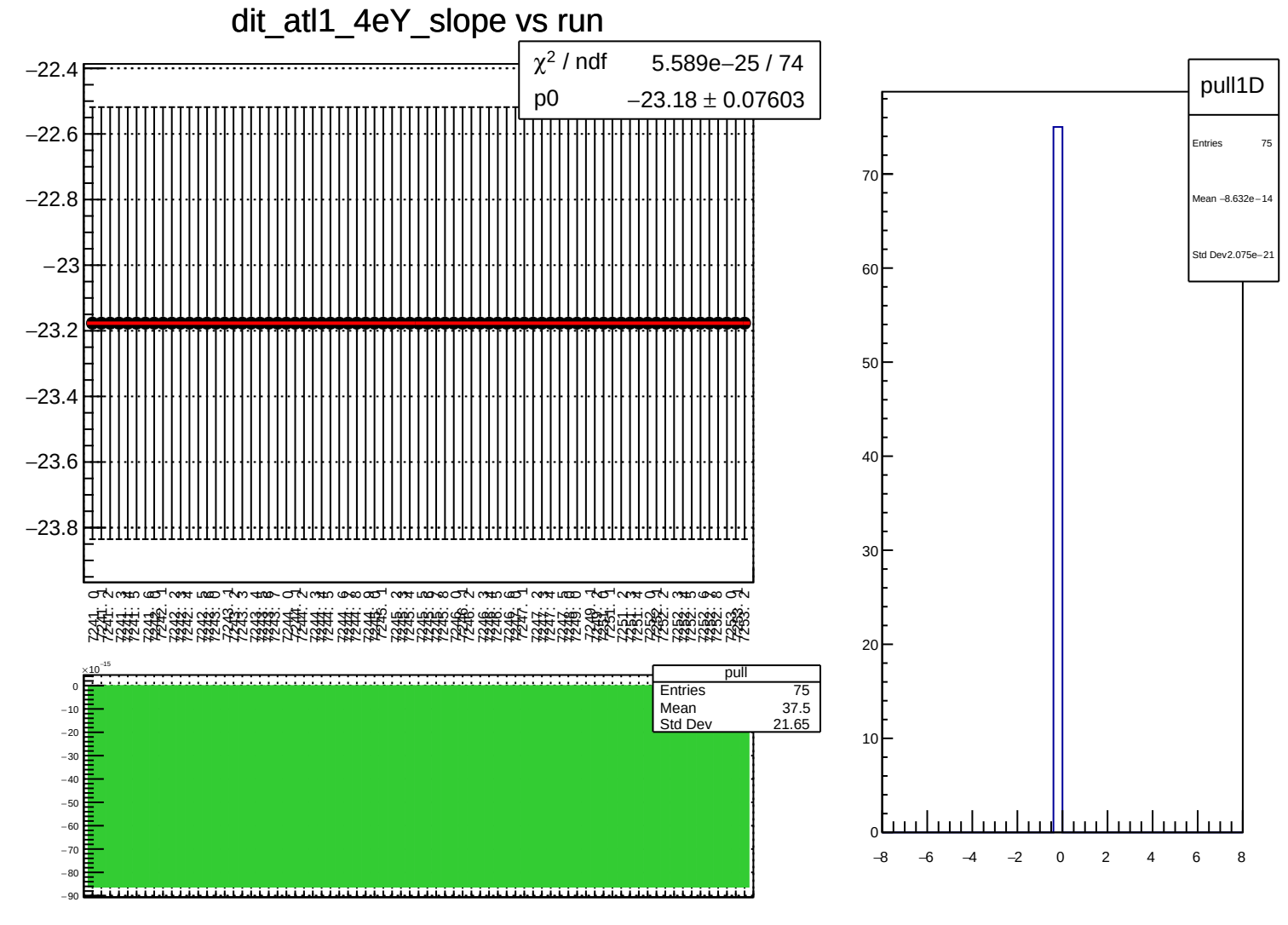

dit_atl1_4aX_slope vs run
χ^2 / ndf 3.214e−26 / 74
p0 −35.83 ± 0.3963
pull
Entries 75
Mean 37.5
Std Dev 21.65

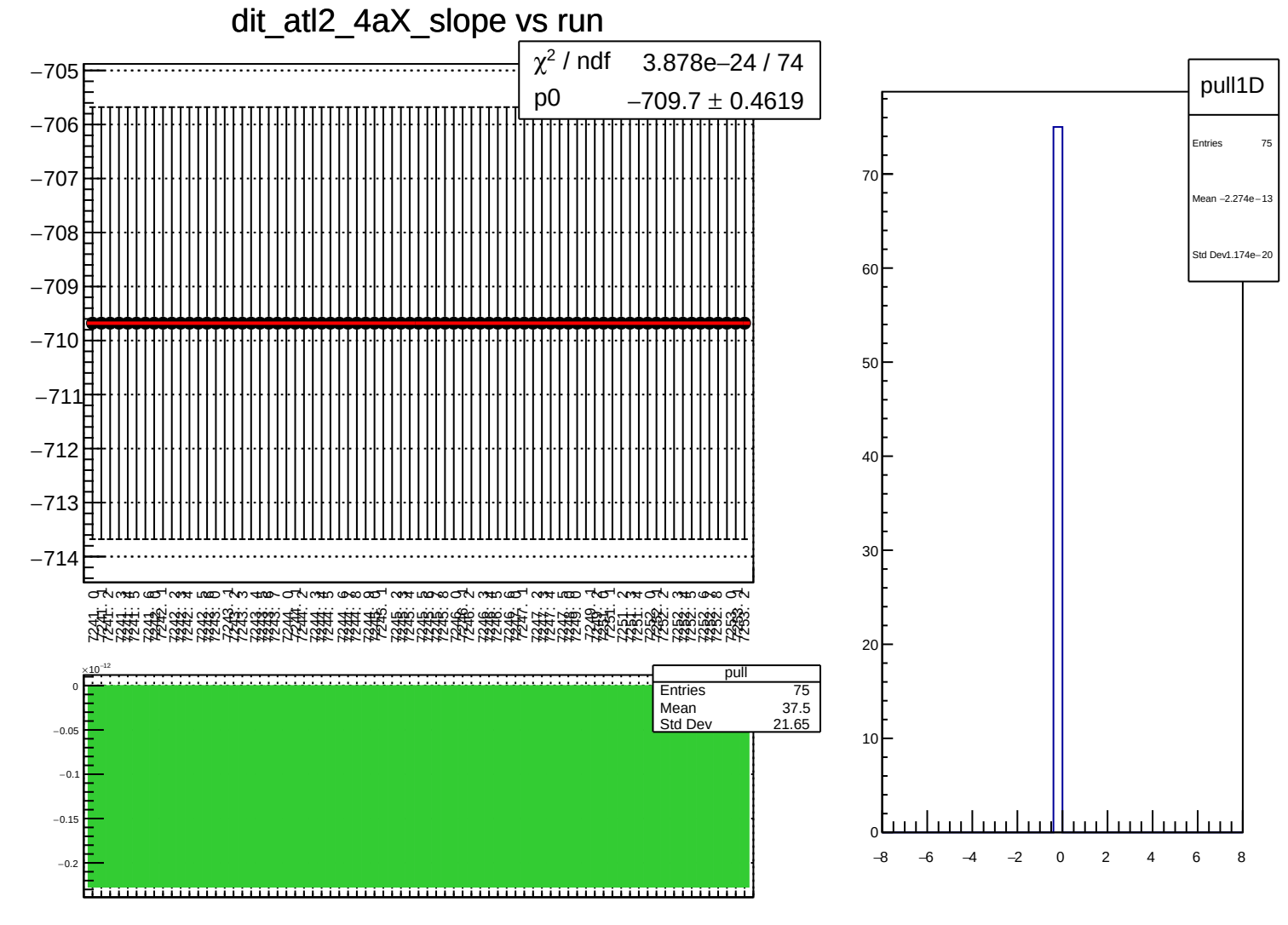

pull1D
Entries 75
Mean 2.07e−14
Std Dev 1.08e−21

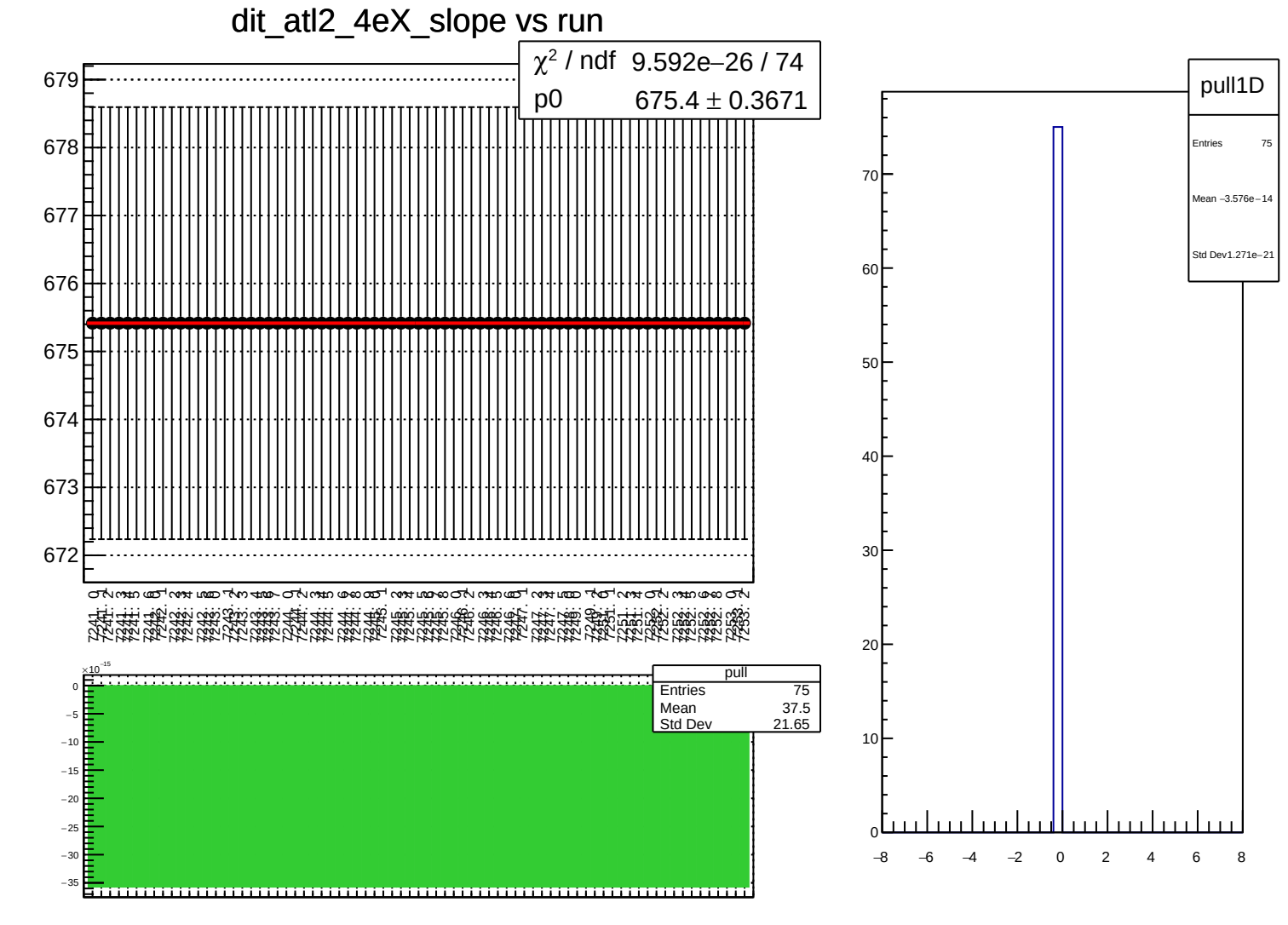

dit_atl1_4eX_slope vs run
χ² / ndf 2.316e−26 / 74
p0 74.3 ± 0.3735
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean −1.757e−14
Std Dev1.253e−21

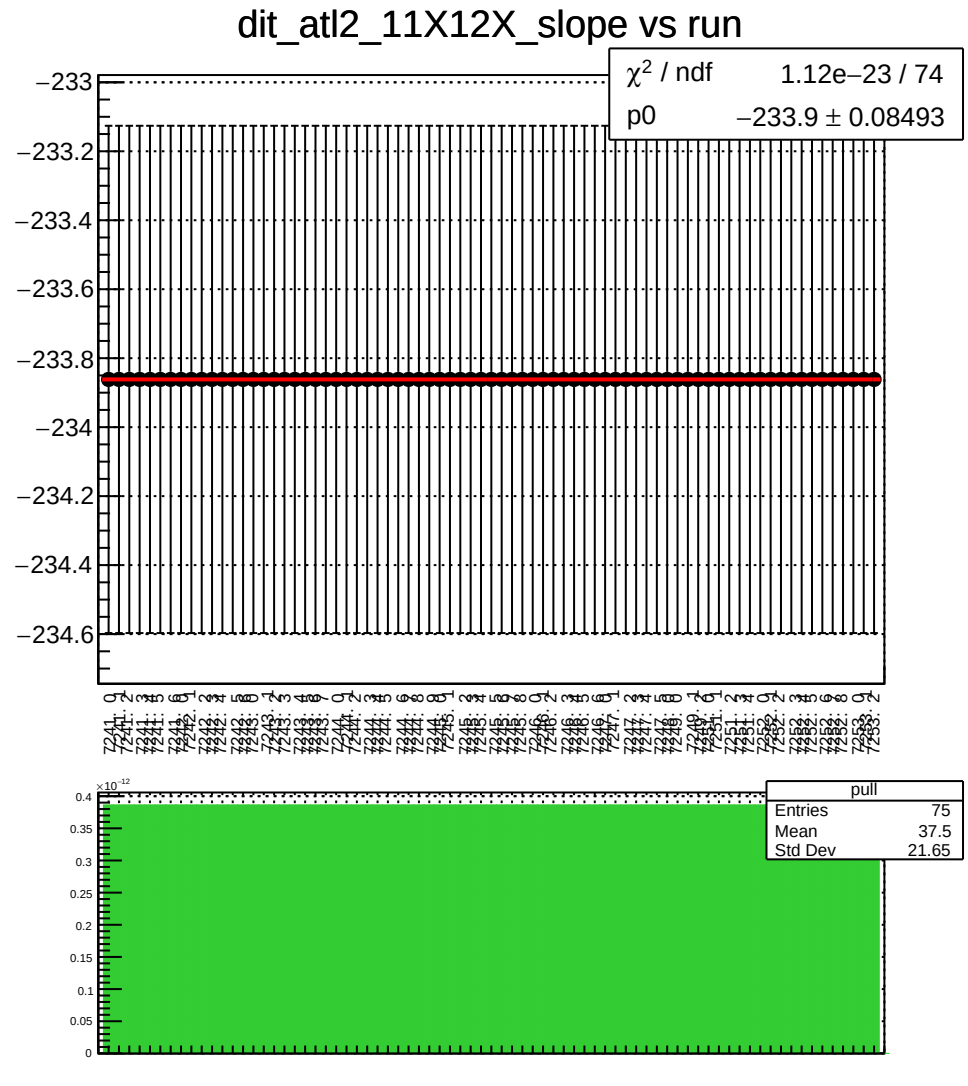

dit_atl1_11X12X_slope vs run
χ² / ndf 2.062e−27 / 74
p0 −15.14 ± 0.07823
−14.4
−14.6
−14.8
−15
−15.2
−15.4
−15.6
−15.8
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
pull1D
Entries 75
Mean 5.244e−15
Std Dev 2.995e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

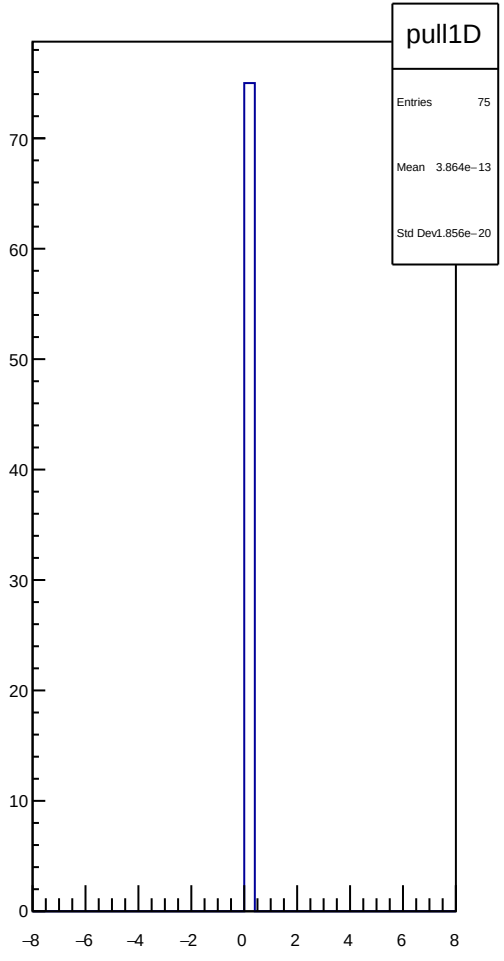

dit_atl1_4aY_slope vs run
χ² / ndf 2.665e−27 / 74
p0 14.35 ± 0.1032
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean −5.961e−15
Std Dev1.981e−22

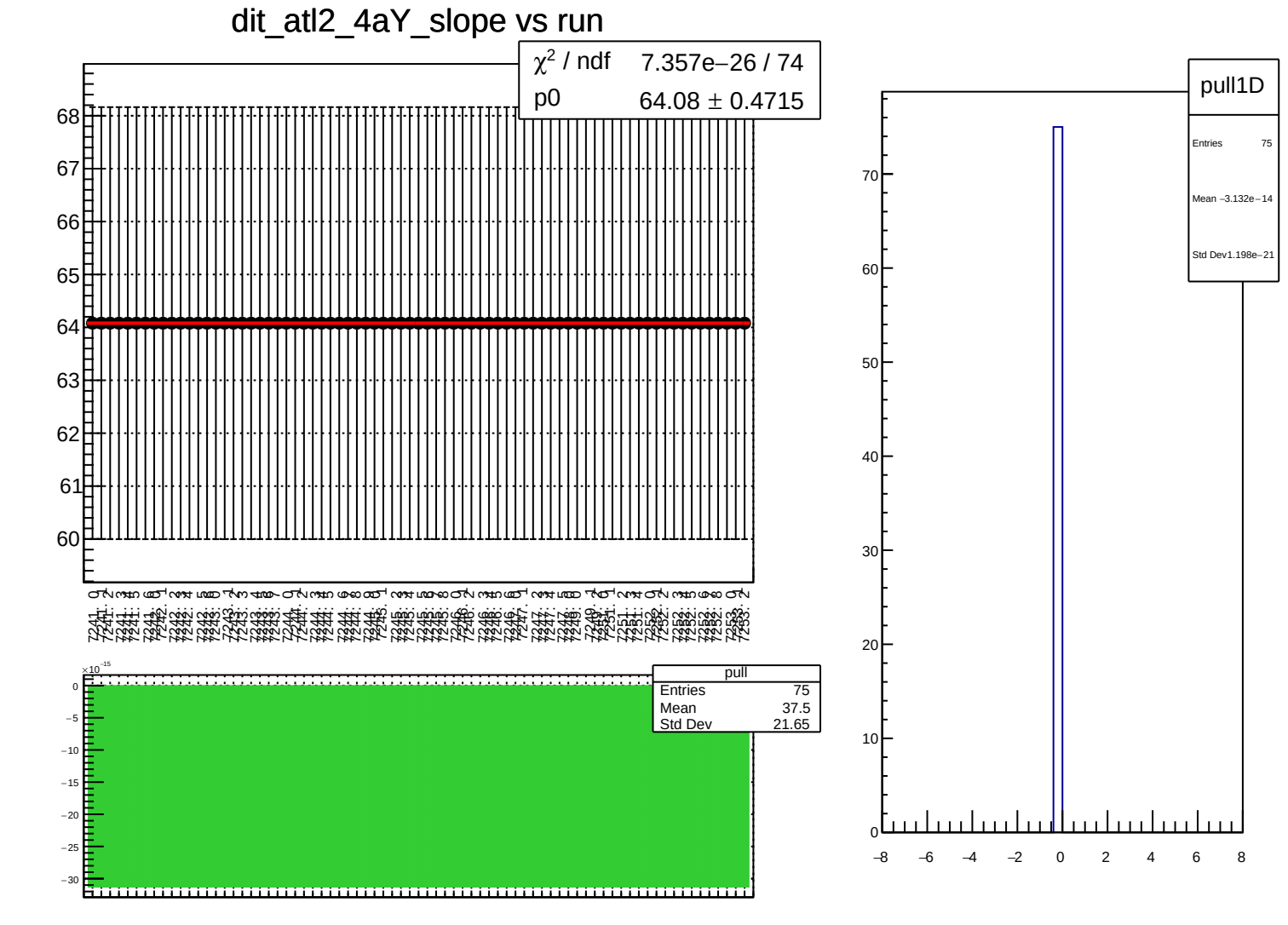

dit_atl1_4eY_slope vs run
χ² / ndf 5.589e−25 / 74
p0 −23.18 ± 0.07603
−22.4
−22.6
−22.8
−23
−23.2
−23.4
−23.6
−23.8
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70
−80
−90
pull1D
Entries 75
Mean −8.632e−14
Std Dev2.075e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

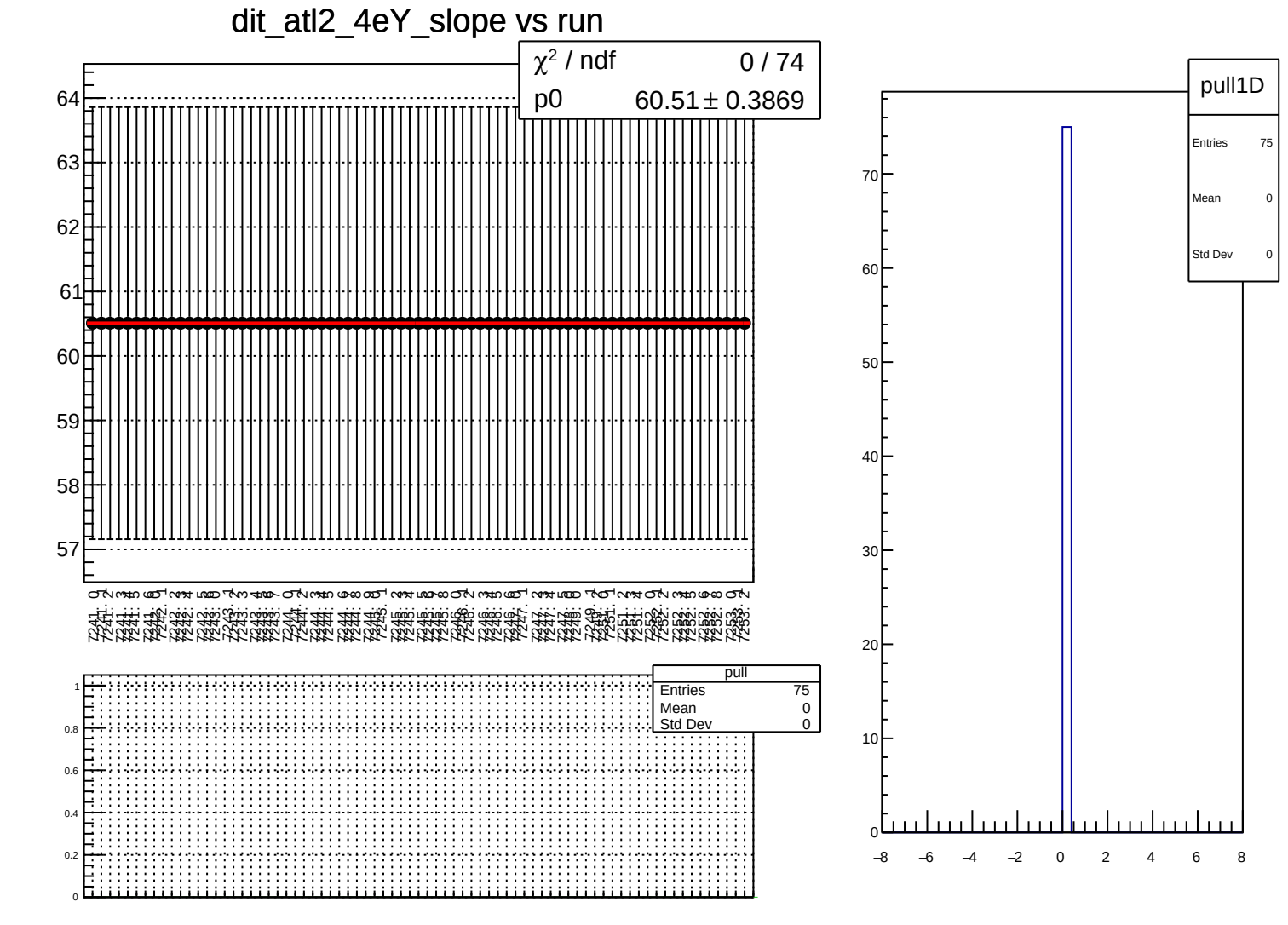

dit_atl2_4aX_slope vs run
χ² / ndf 3.878e−24 / 74
p0 −709.7 ± 0.4619
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean −2.274e−13
Std Dev1.174e−20

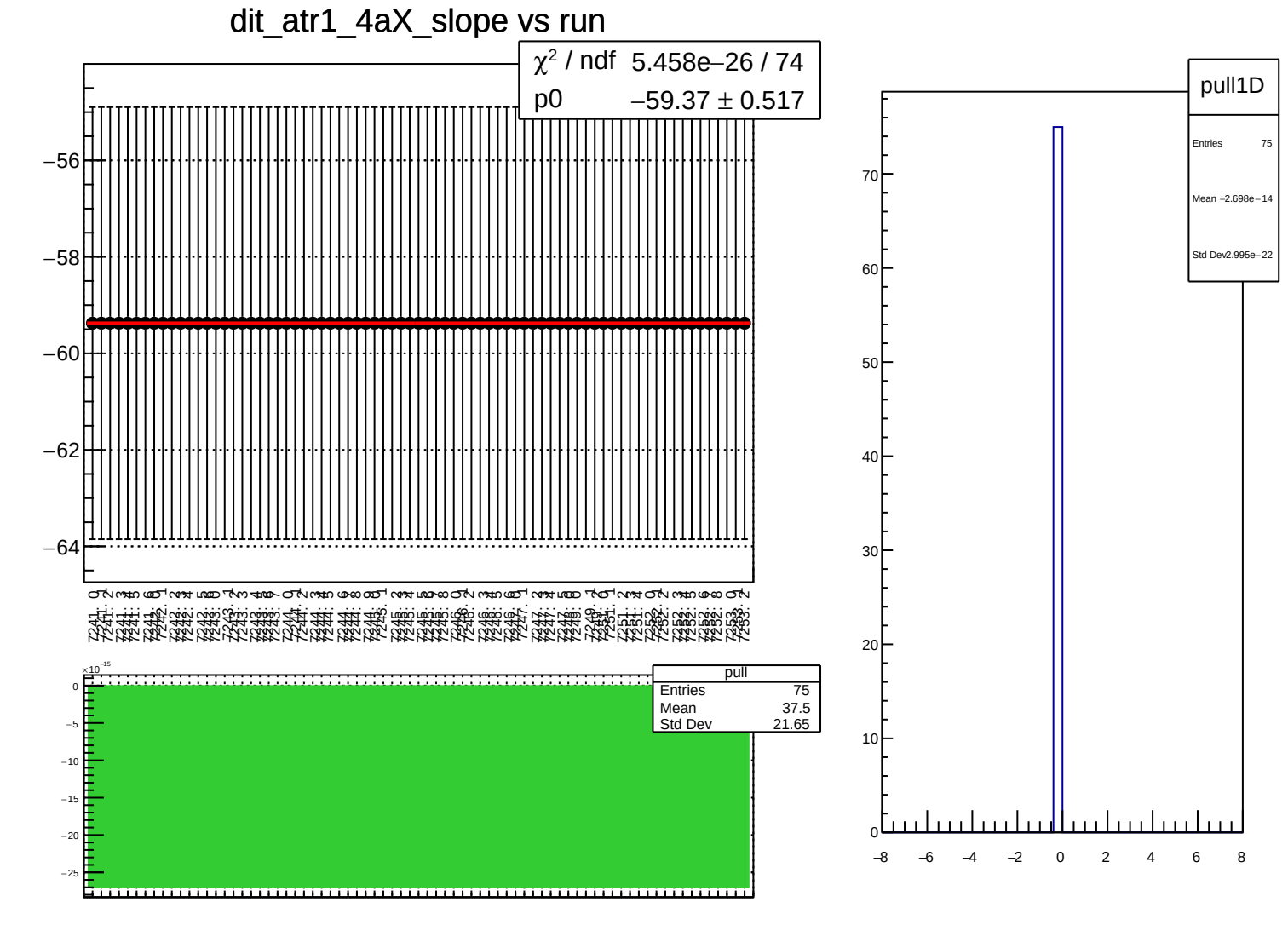

dit_atl2_4eX_slope vs run
χ² / ndf 9.592e−26 / 74
p0 675.4 ± 0.3671
679
678
677
676
675
674
673
672
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
pull1D
Entries 75
Mean −3.576e−14
Std Dev1.271e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

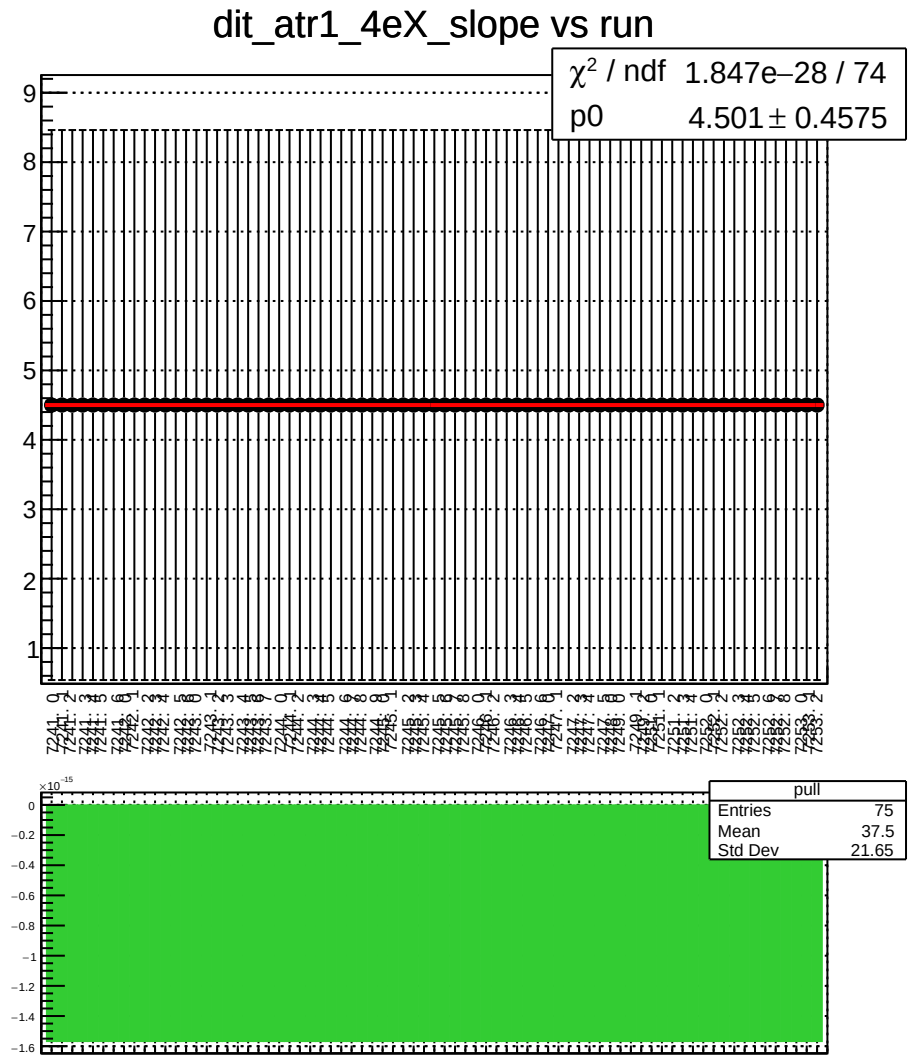

dit_atl2_11X12X_slope vs run
χ² / ndf 1.12e−23 / 74
p0 −233.9 ± 0.08493
−233
−233.2
−233.4
−233.6
−233.8
−234
−234.2
−234.4
−234.6
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0

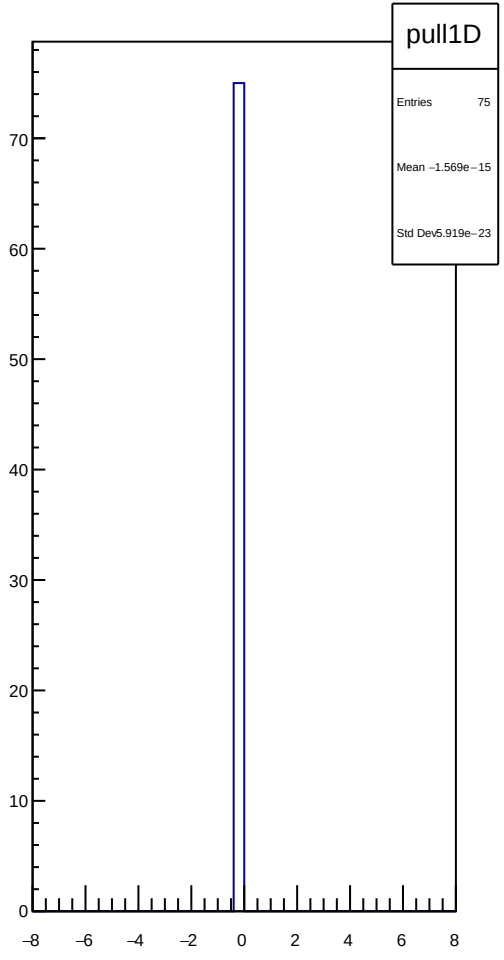

pull1D
Entries 75
Mean 3.864e−13
Std Dev1.856e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

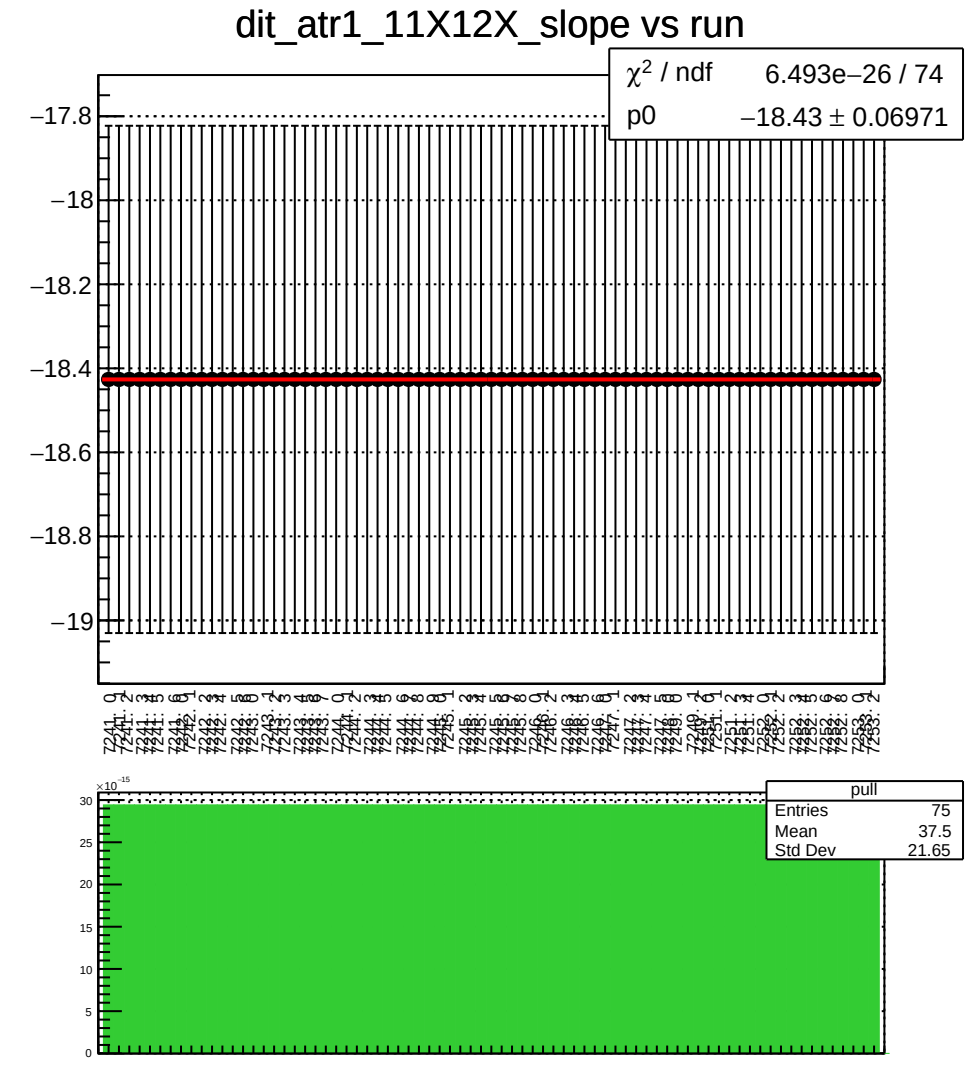

dit_atl2_4aY_slope vs run
χ² / ndf 7.357e−26 / 74
p0 64.08 ± 0.4715
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean −3.132e−14
Std Dev1.198e−21

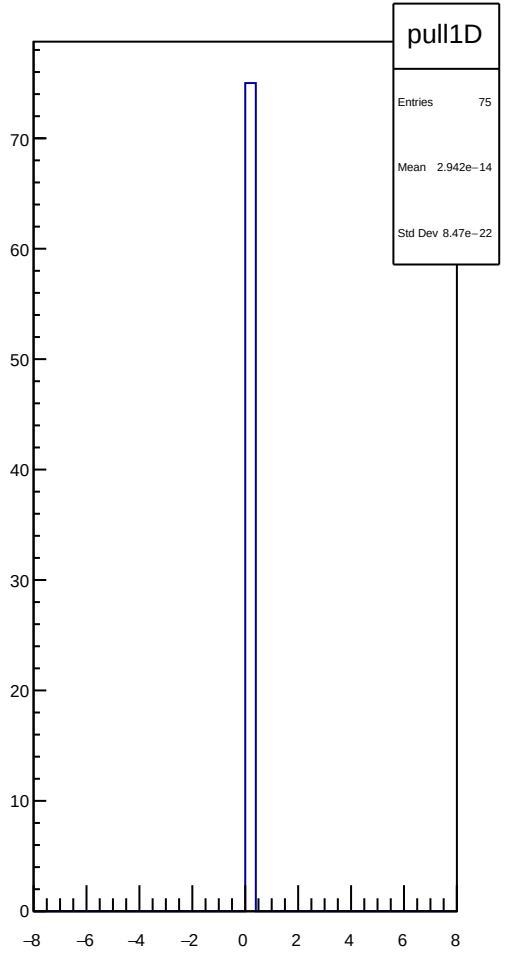

dit_atl2_4eY_slope vs run
χ² / ndf 0 / 74
p0 60.51 ± 0.3869
pull
Entries 75
Mean 0
Std Dev 0
pull1D
Entries 75
Mean 0
Std Dev 0

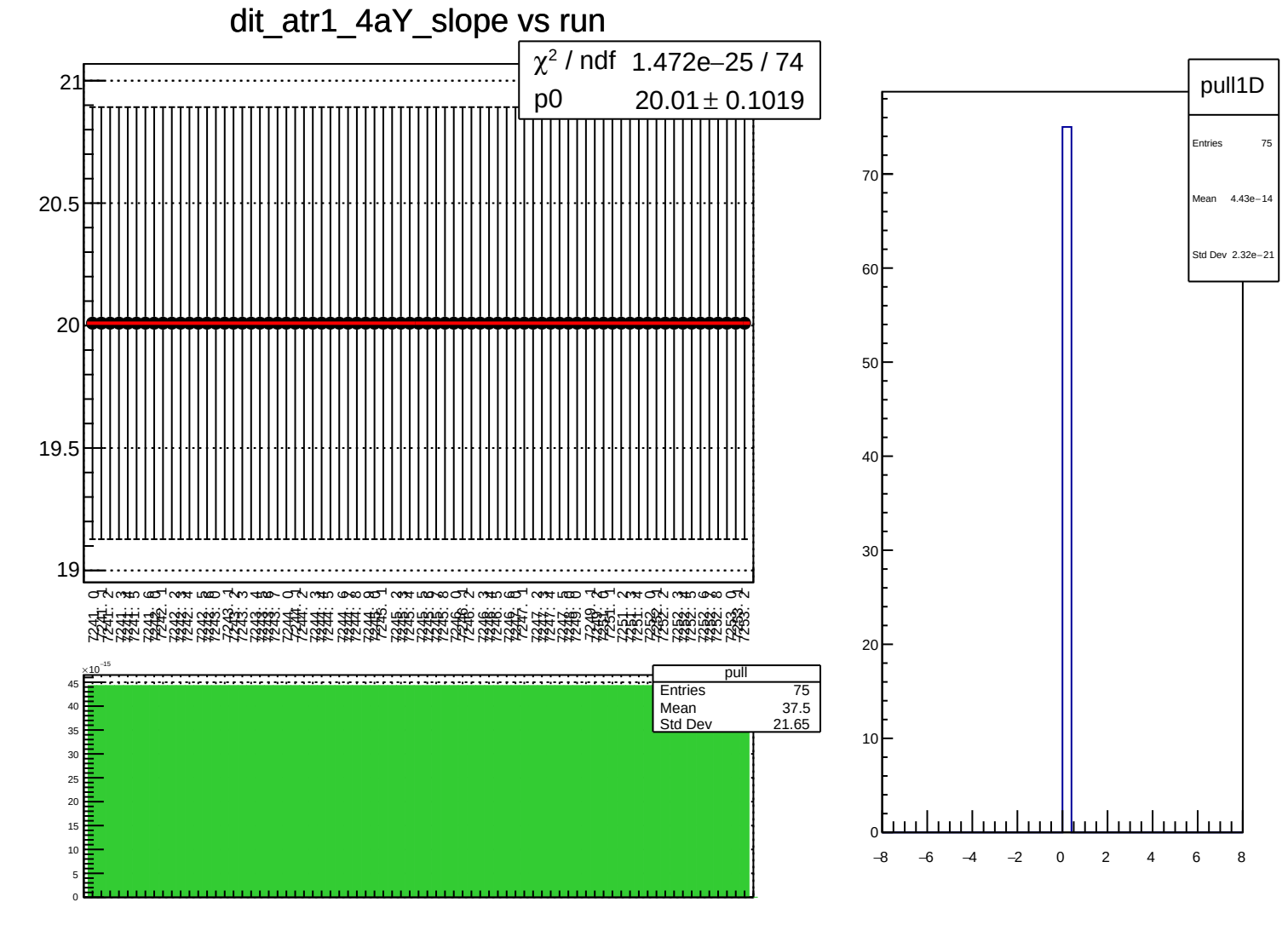

dit_atr1_4aX_slope vs run
χ² / ndf 5.458e−26 / 74
p0 −59.37 ± 0.517
−56
−58
−60
−62
−64
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−5
−10
−15
−20
−25
pull1D
Entries 75
Mean −2.698e−14
Std Dev 2.995e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

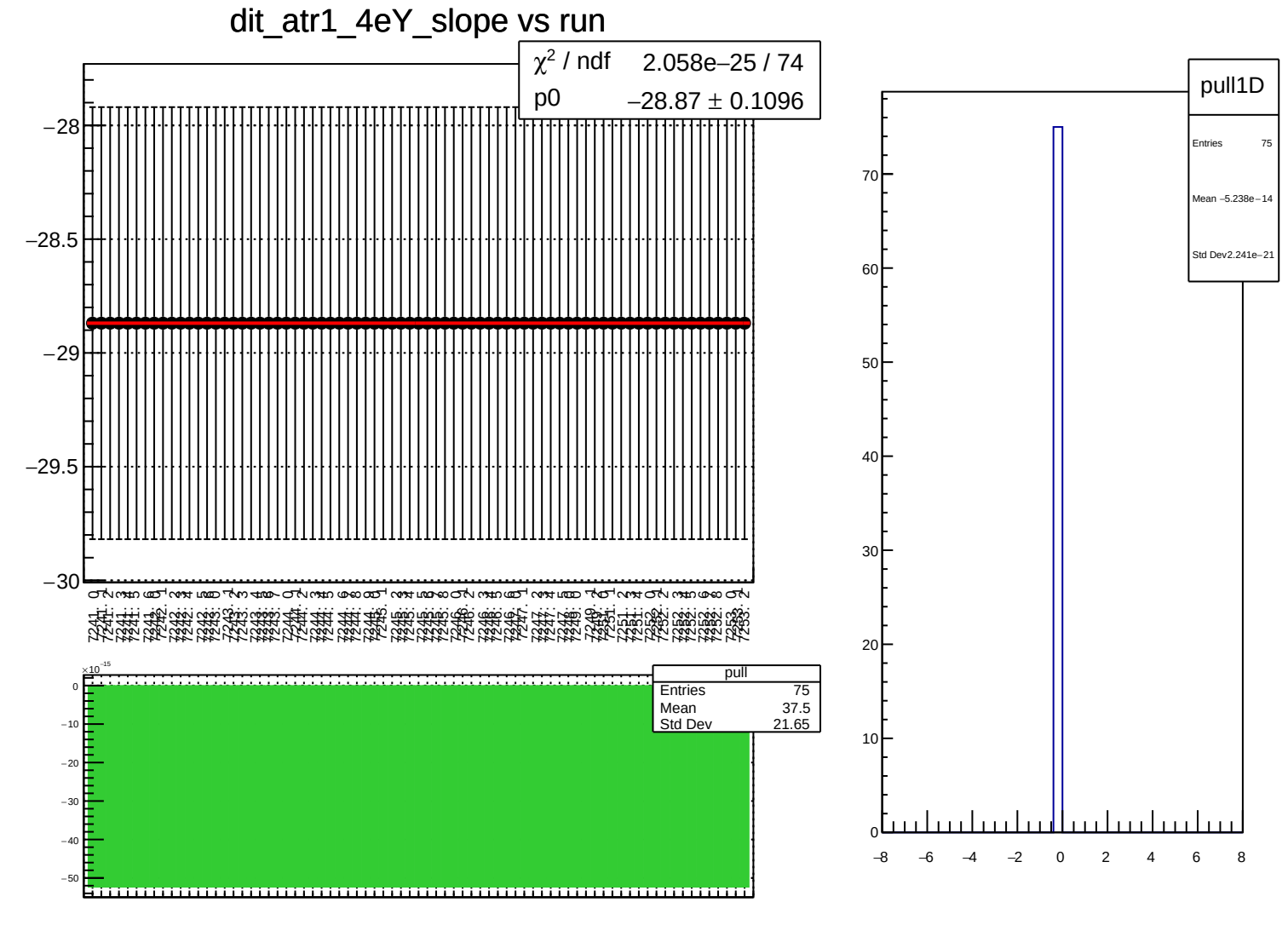

dit_atr1_4eX_slope vs run
χ^2 / ndf 1.847e−28 / 74
p0 4.501 ± 0.4575
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10^-15

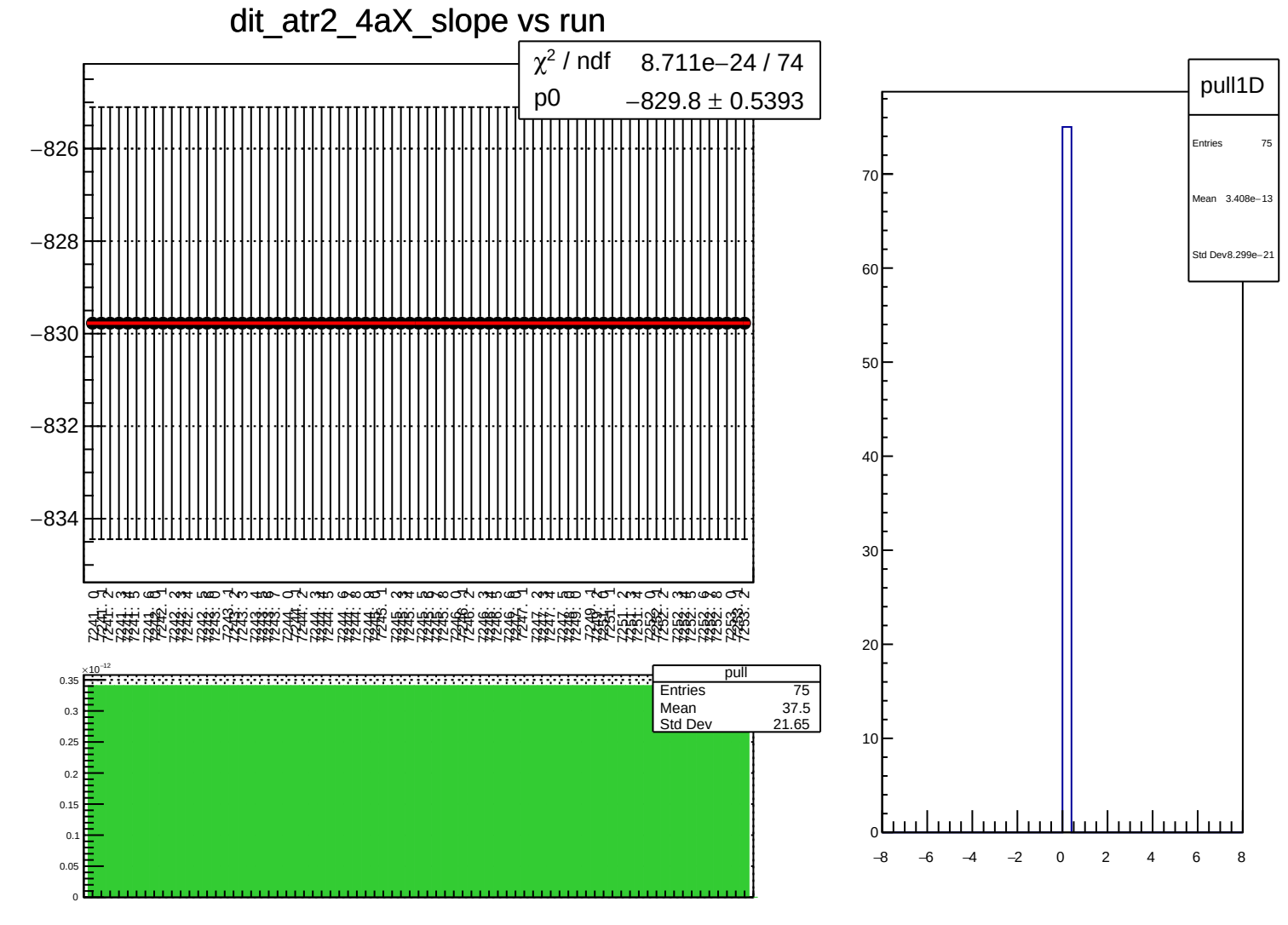

pull1D
Entries 75
Mean −1.569e−15
Std Dev 5.919e−23

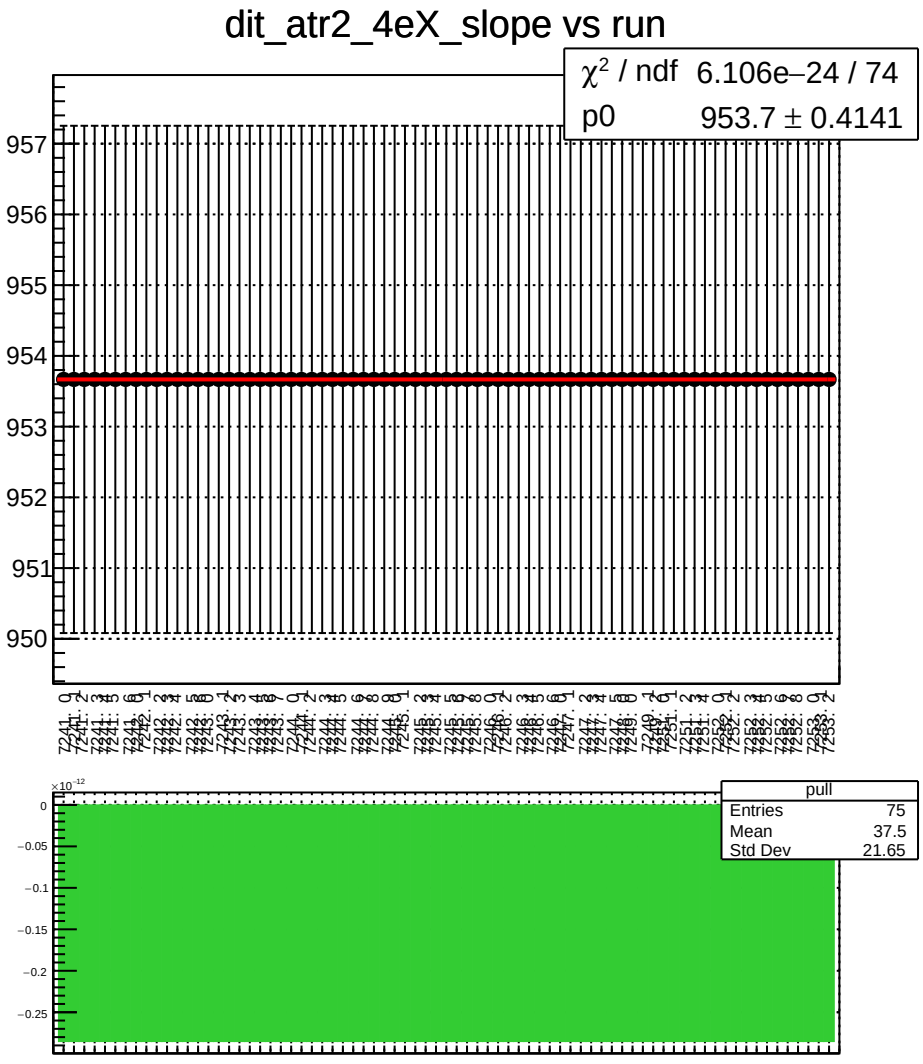

dit_atr1_11X12X_slope vs run
χ² / ndf 6.493e−26 / 74
p0 −18.43 ± 0.06971
−17.8
−18
−18.2
−18.4
−18.6
−18.8
−19
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
30
25
20
15
10
5
0

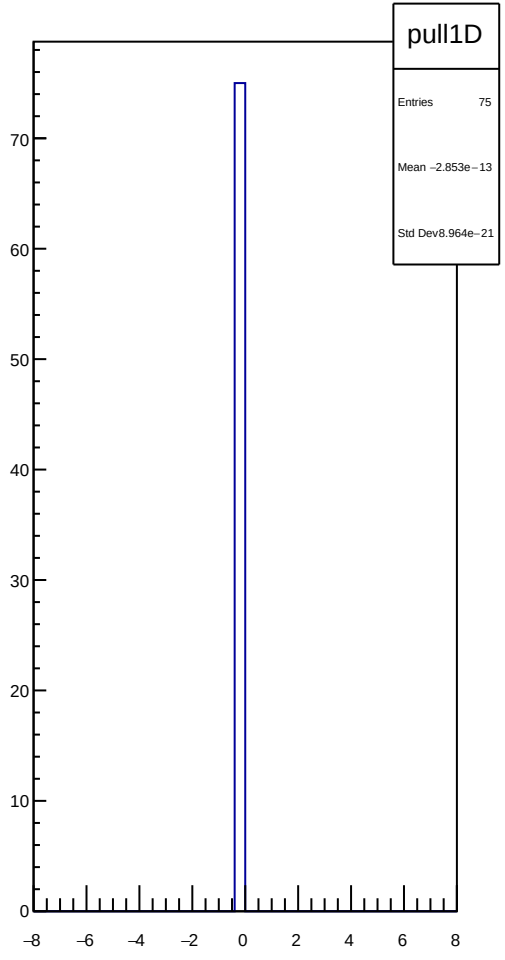

pull1D
Entries 75
Mean 2.942e−14
Std Dev 8.47e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

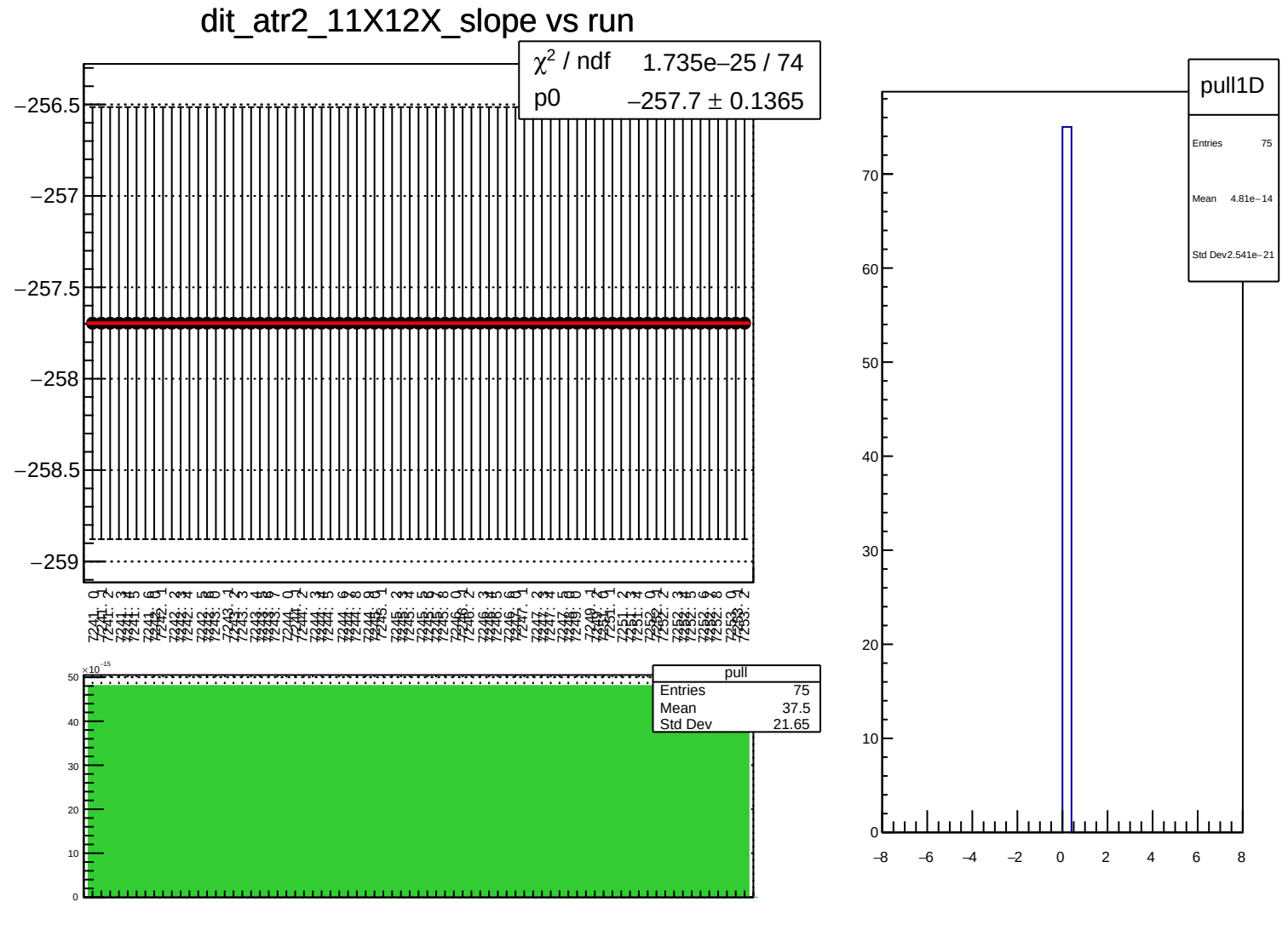

dit_atr1_4aY_slope vs run
χ² / ndf 1.472e−25 / 74
p0 20.01 ± 0.1019
21
20.5
20
19.5
19
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean 4.43e−14
Std Dev 2.32e−21

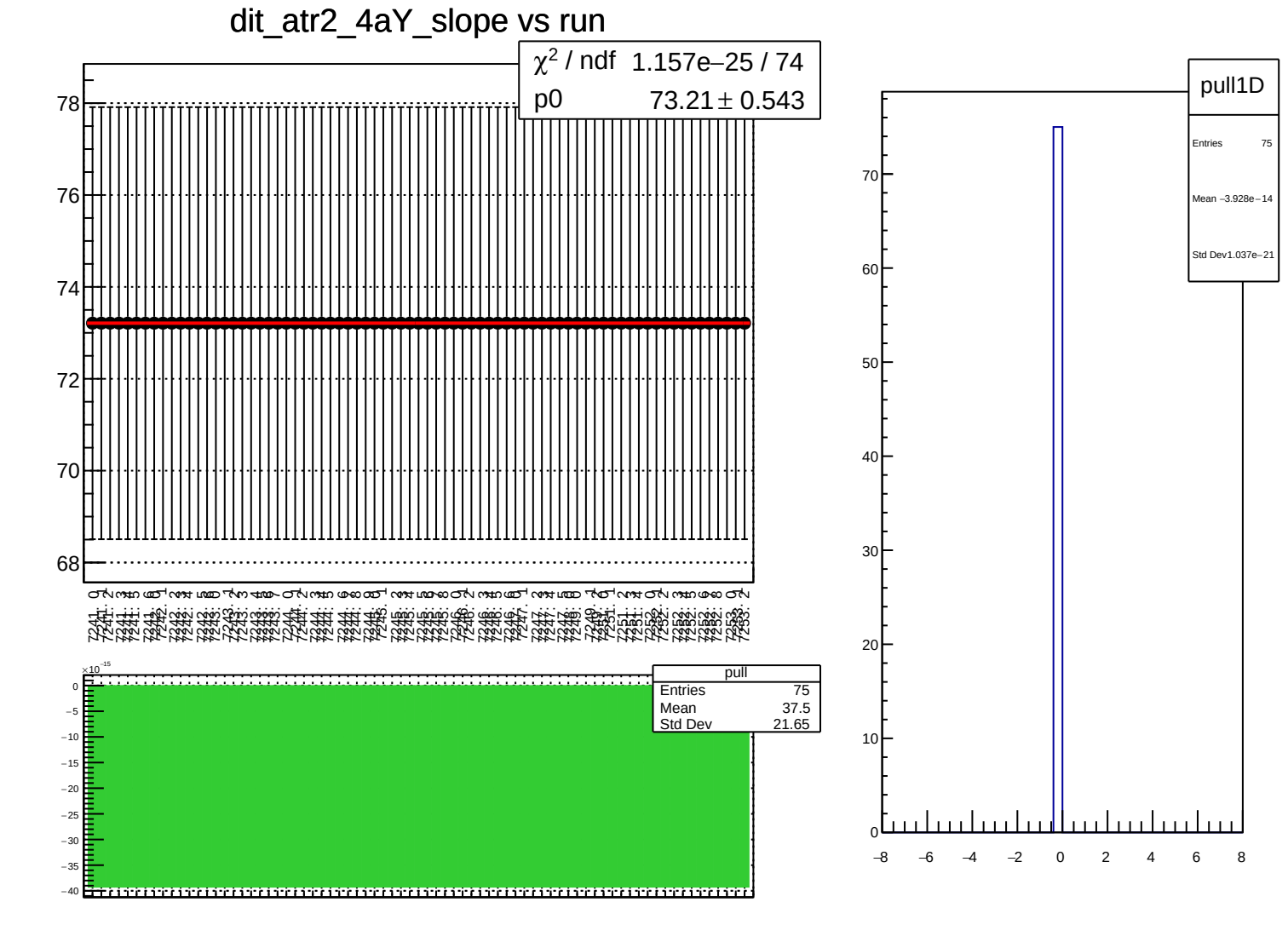

dit_atr1_4eY_slope vs run
χ² / ndf 2.058e−25 / 74
p0 −28.87 ± 0.1096
−28
−28.5
−29
−29.5
−30
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−10
−20
−30
−40
−50
pull1D
Entries 75
Mean −5.238e−14
Std Dev2.241e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

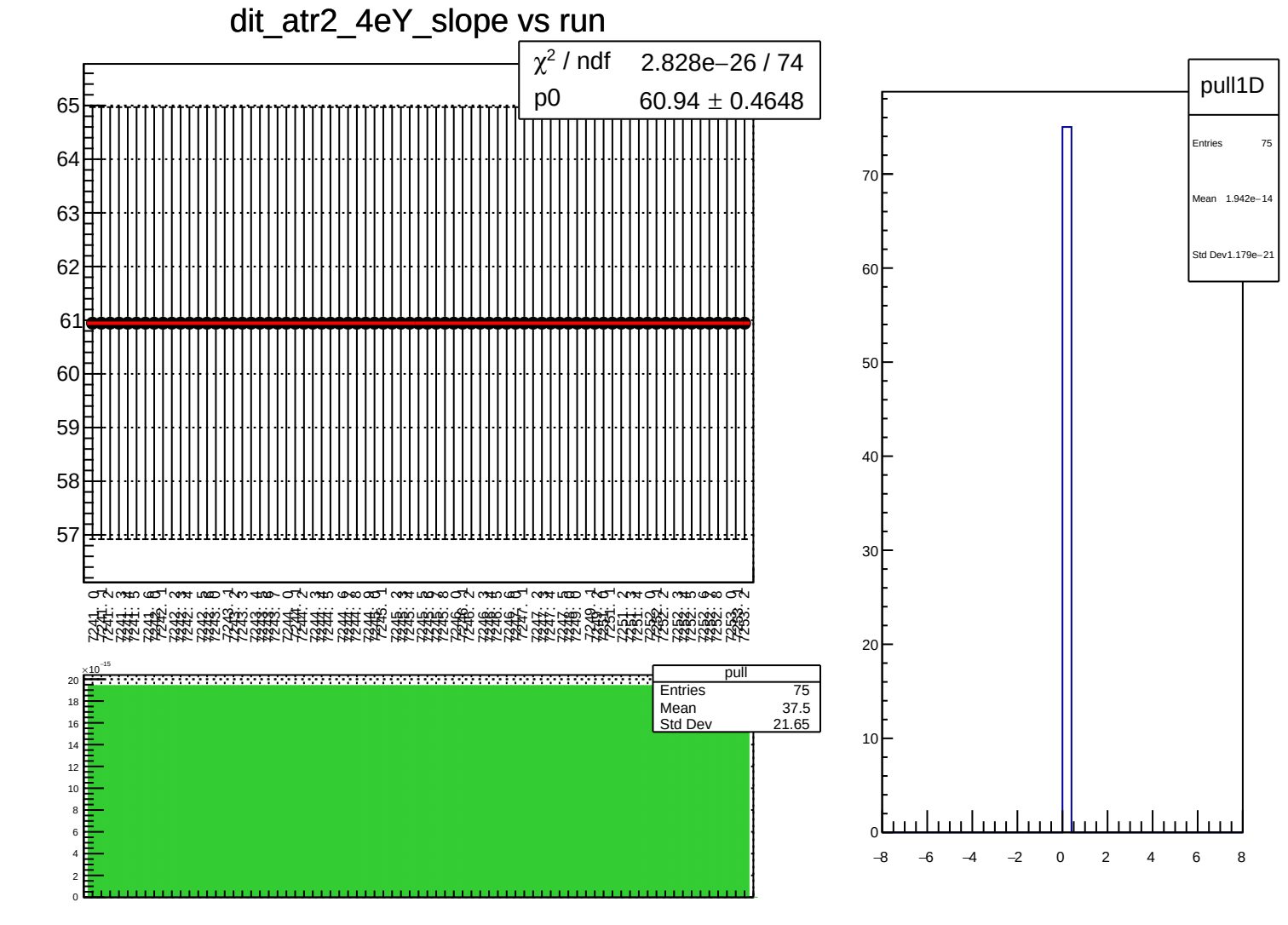

dit_atr2_4aX_slope vs run
χ² / ndf 8.711e−24 / 74
p0 −829.8 ± 0.5393
−826
−828
−830
−832
−834
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
pull1D
Entries 75
Mean 3.408e−13
Std Dev 8.299e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

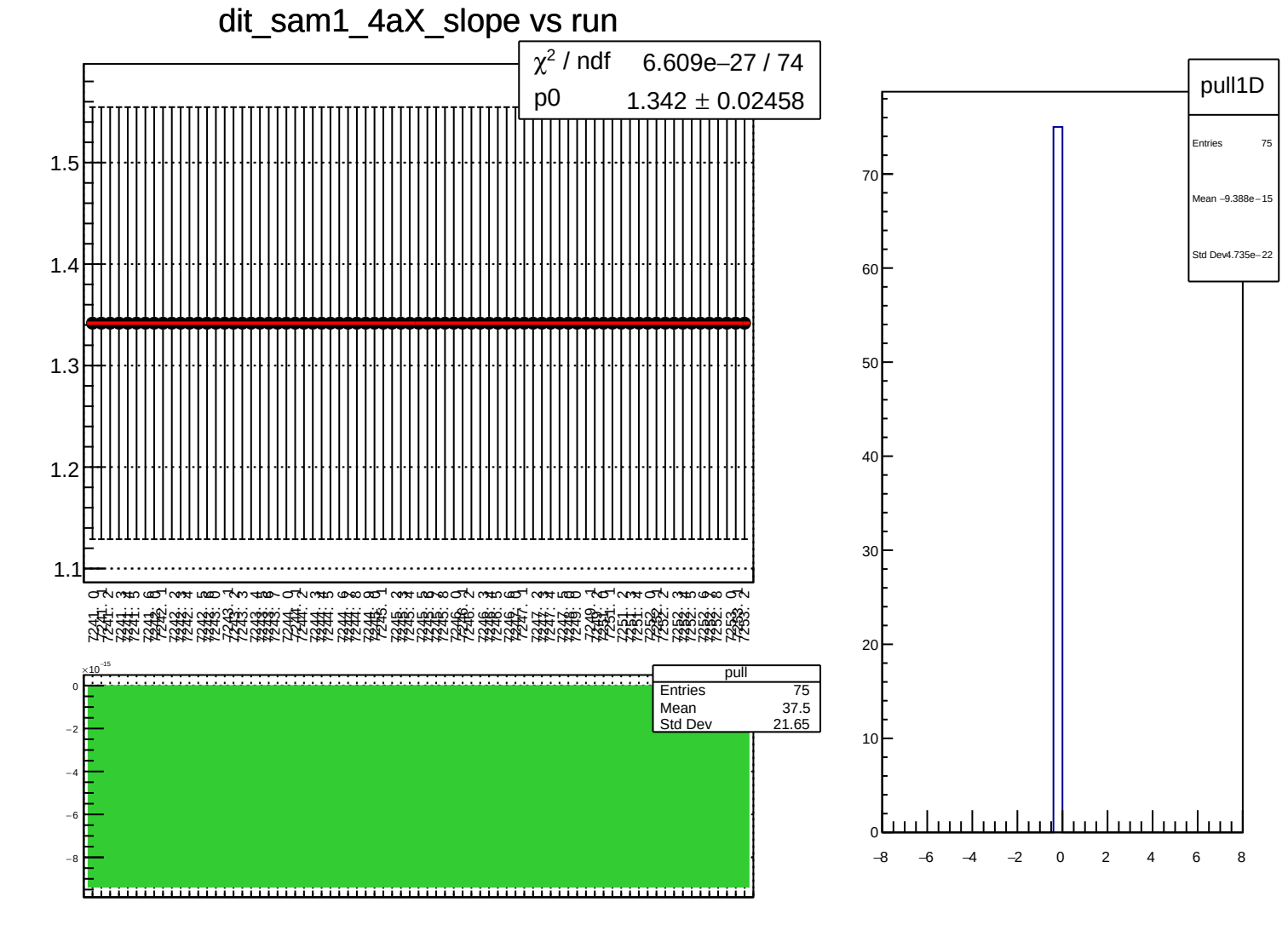

dit_atr2_4eX_slope vs run
χ² / ndf 6.106e−24 / 74
p0 953.7 ± 0.4141
957
956
955
954
953
952
951
950
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25

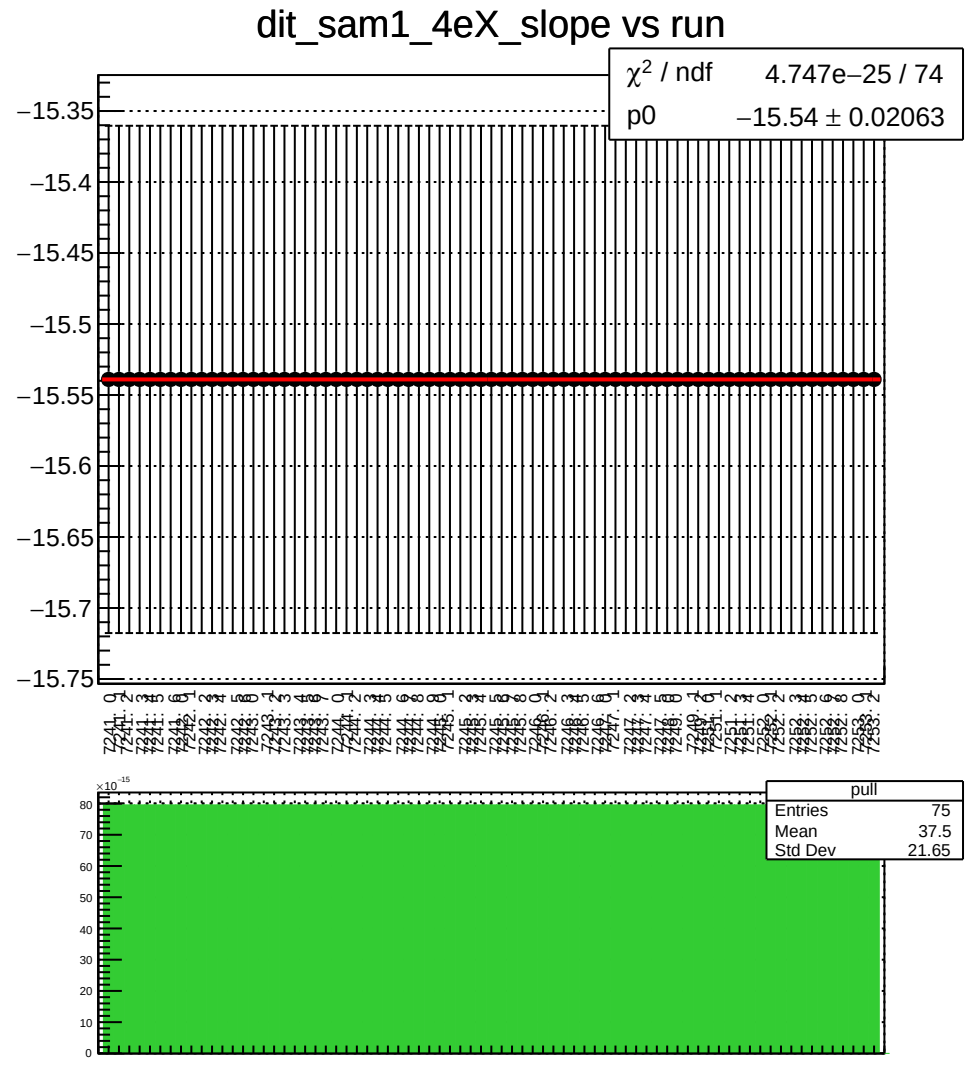

pull1D
Entries 75
Mean −2.853e−13
Std Dev8.964e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

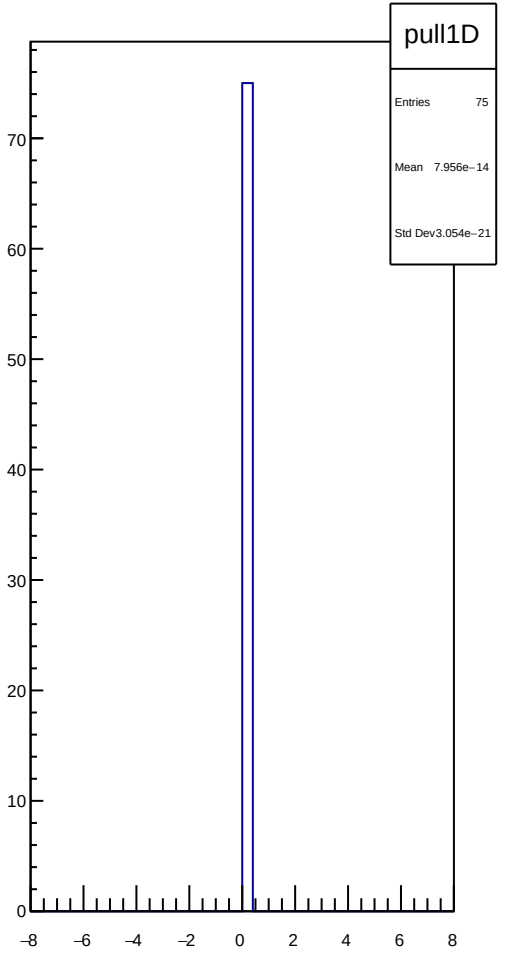

dit_atr2_11X12X_slope vs run
χ² / ndf 1.735e−25 / 74
p0 −257.7 ± 0.1365
−256.5
−257
−257.5
−258
−258.5
−259
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean 4.81e−14
Std Dev2.541e−21

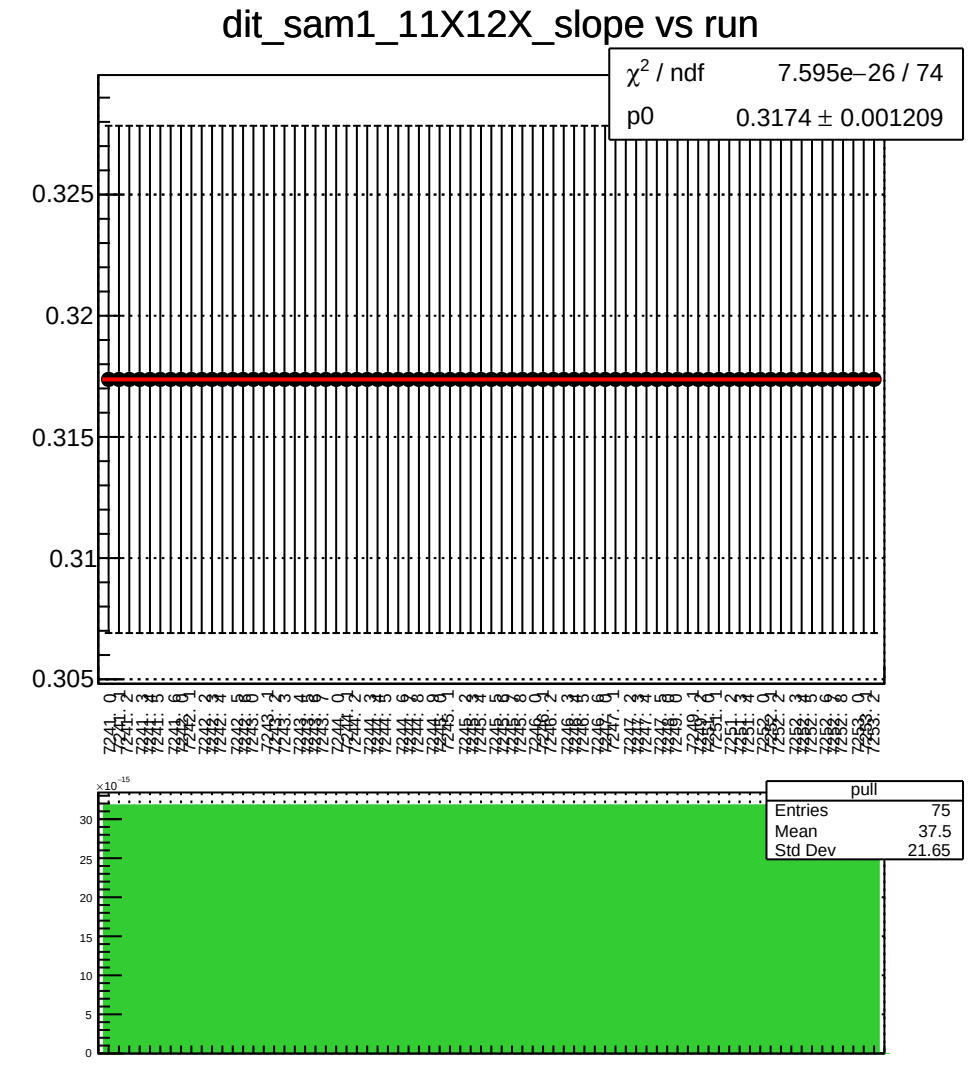

dit_atr2_4aY_slope vs run
χ² / ndf 1.157e−25 / 74
p0 73.21 ± 0.543
78
76
74
72
70
68
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
−40
pull1D
Entries 75
Mean −3.928e−14
Std Dev1.037e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

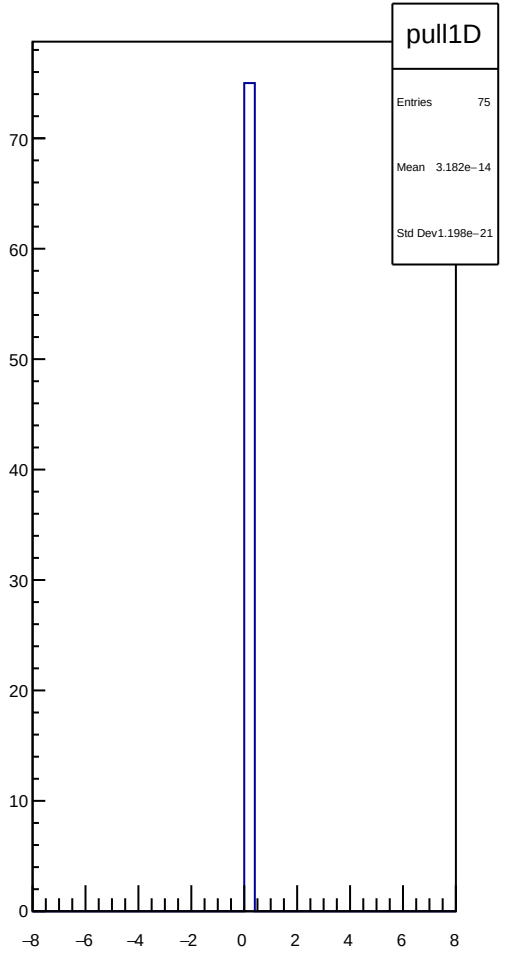

dit_atr2_4eY_slope vs run
χ² / ndf 2.828e−26 / 74
p0 60.94 ± 0.4648
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean 1.942e−14
Std Dev1.179e−21

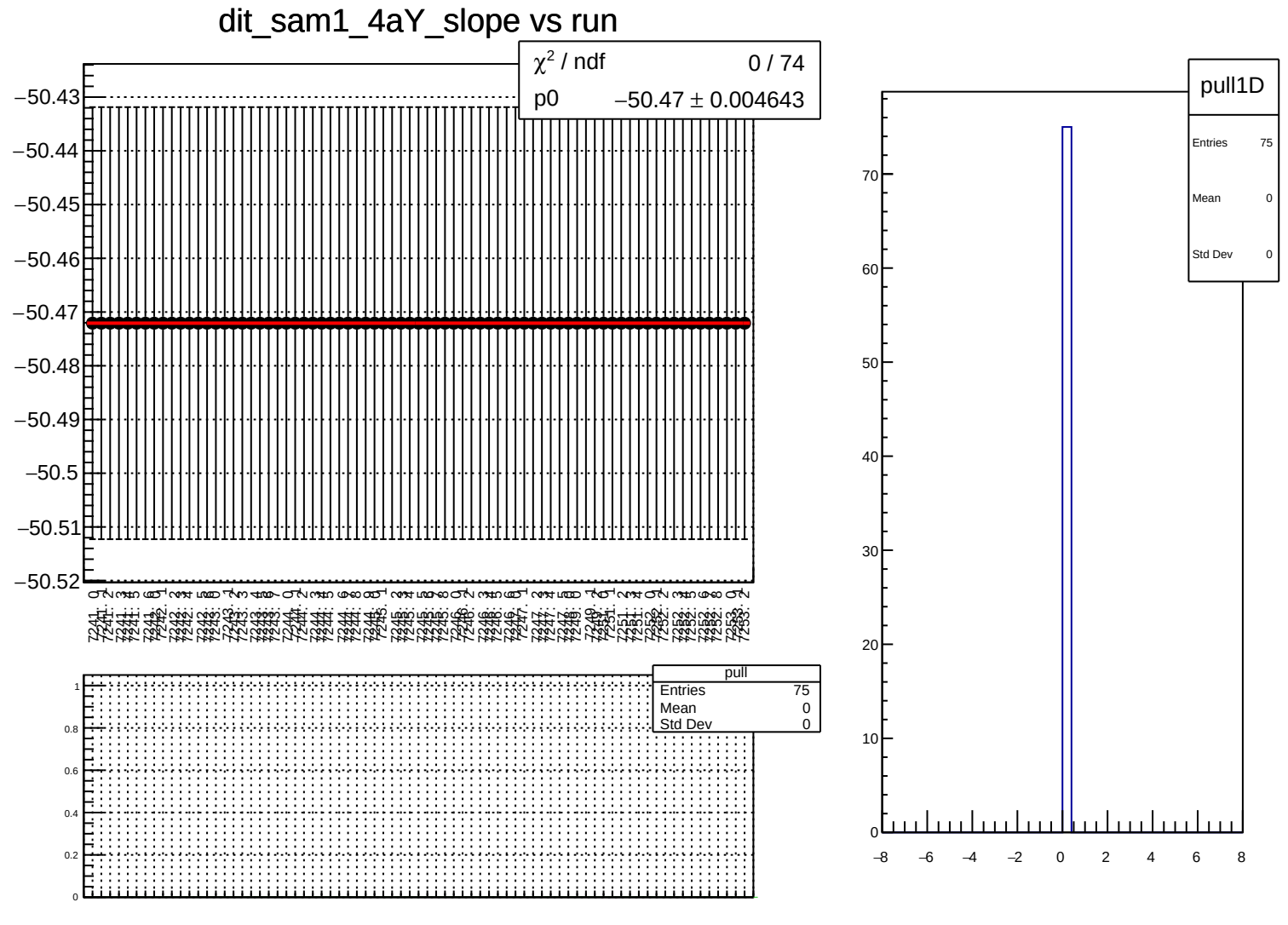

dit_sam1_4aX_slope vs run
χ² / ndf 6.609e−27 / 74
p0 1.342 ± 0.02458
1.5
1.4
1.3
1.2
1.1
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−2
−4
−6
−8
pull1D
Entries 75
Mean −9.388e−15
Std Dev4.735e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

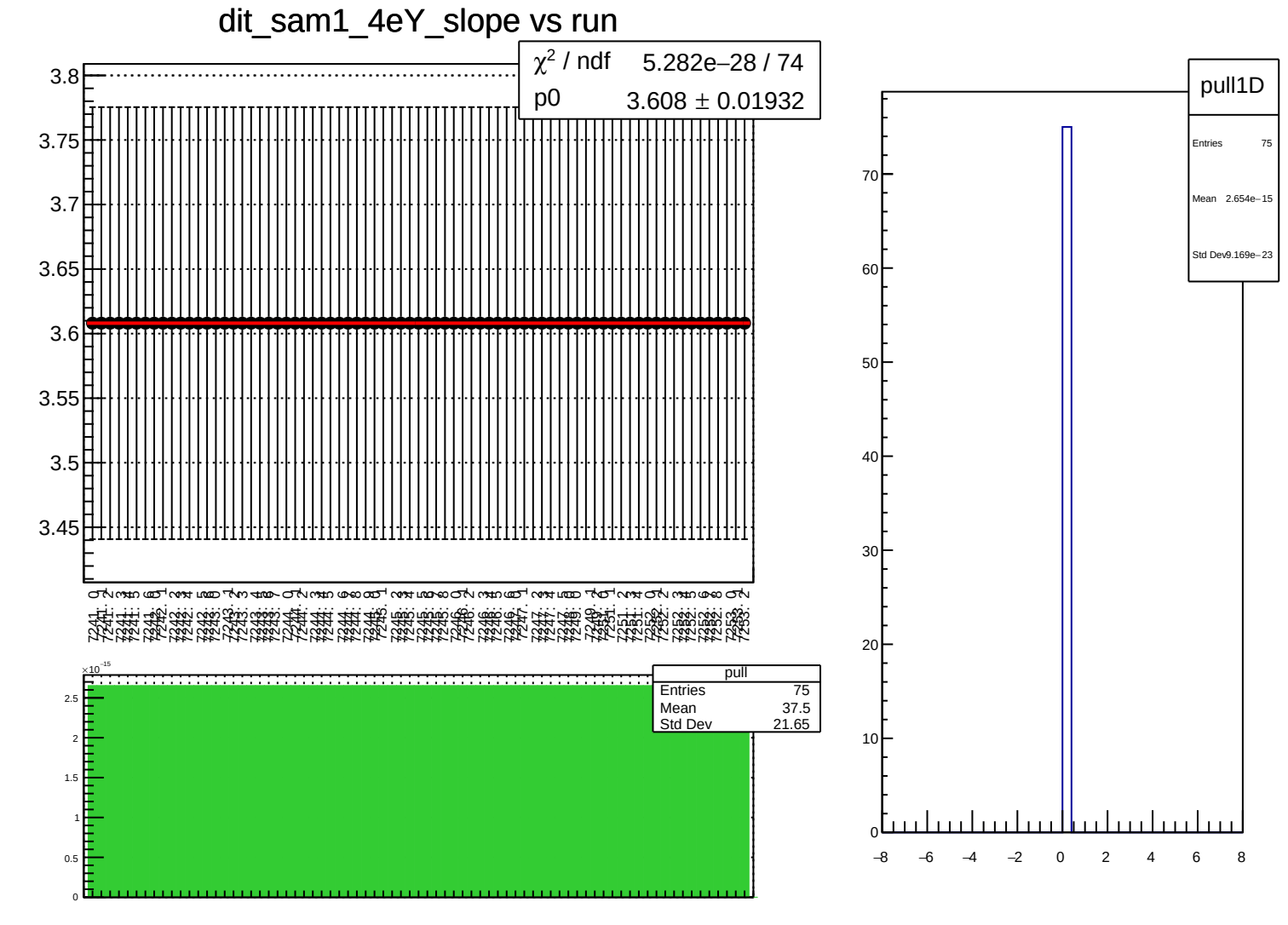

dit_sam1_4eX_slope vs run
χ² / ndf 4.747e−25 / 74
p0 −15.54 ± 0.02063
−15.35
−15.4
−15.45
−15.5
−15.55
−15.6
−15.65
−15.7
−15.75
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
80
70
60
50
40
30
20
10
0

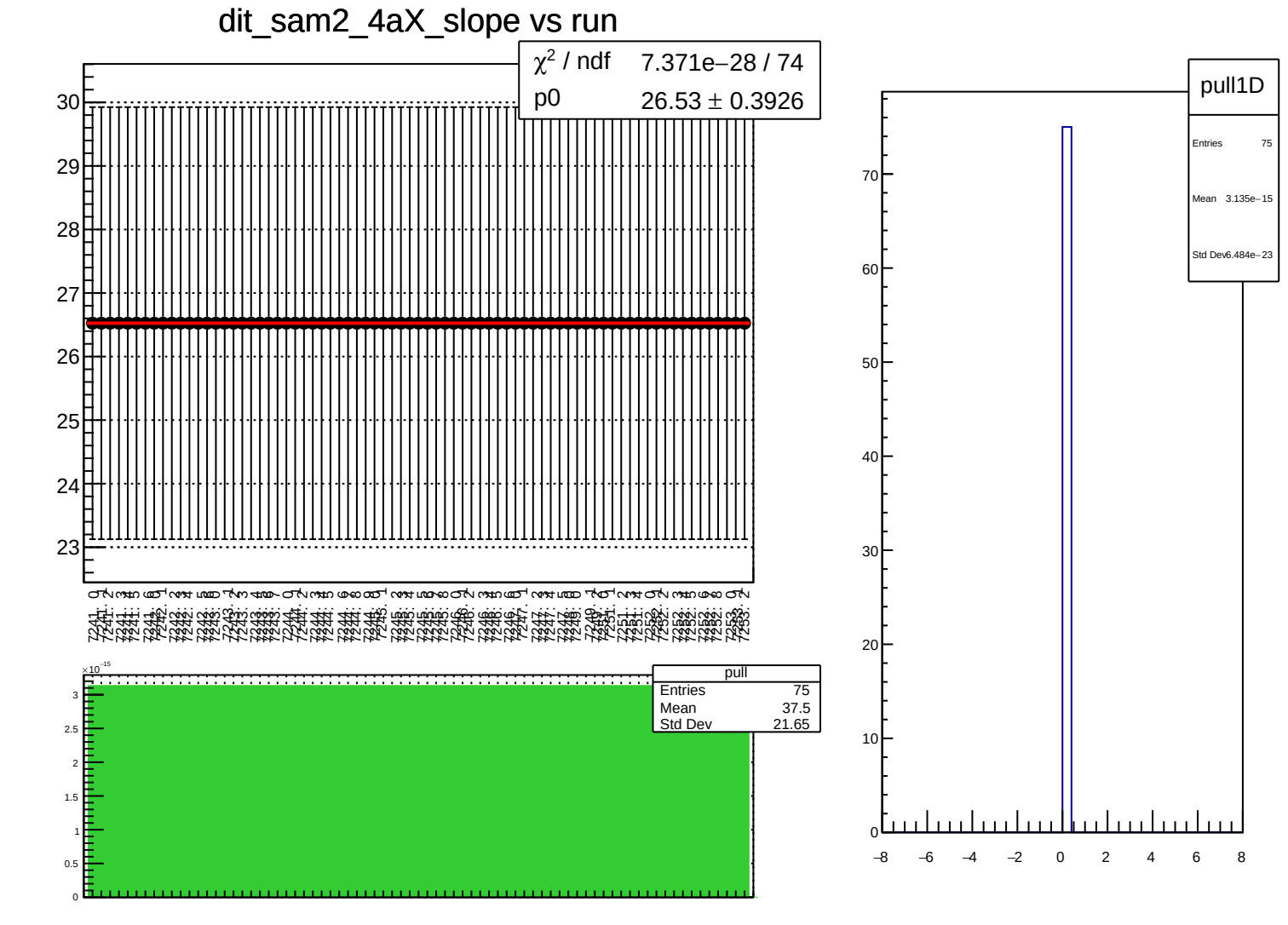

pull1D
Entries 75
Mean 7.956e−14
Std Dev3.054e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

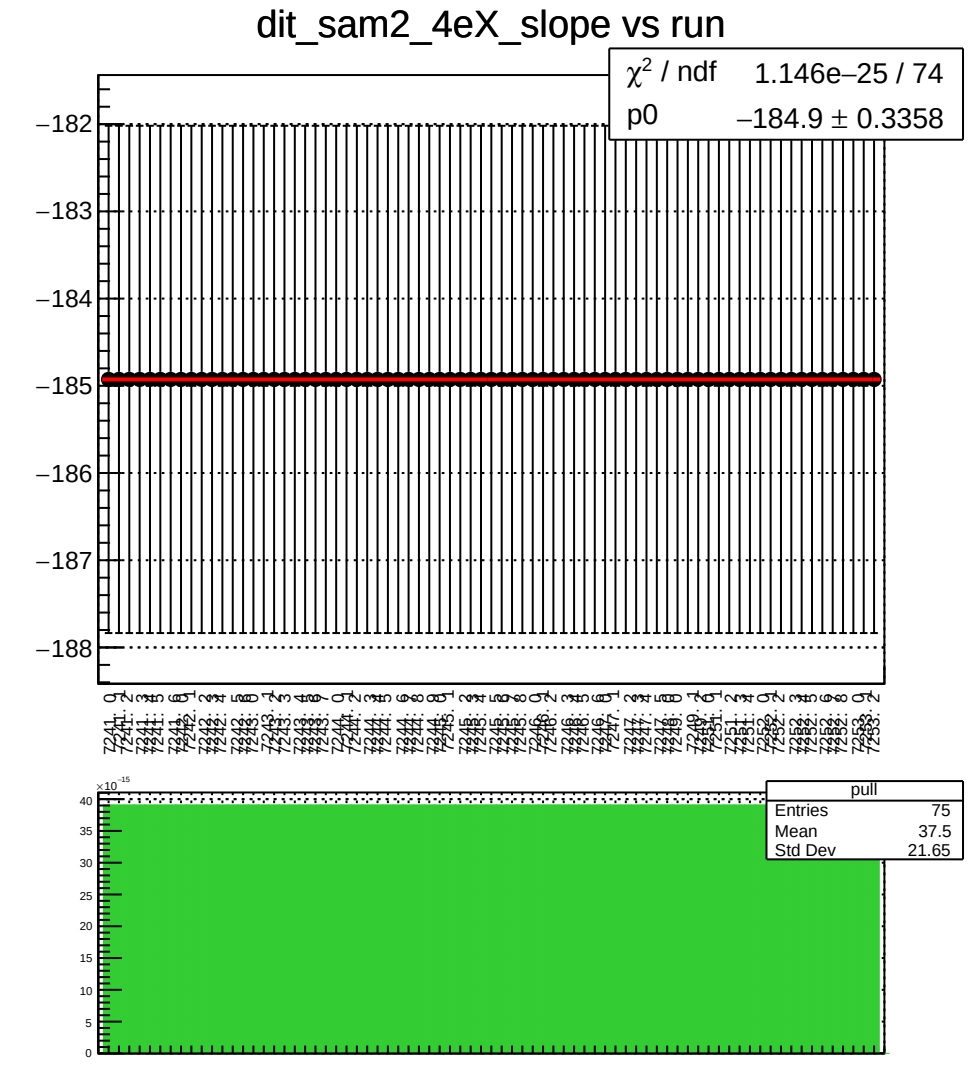

dit_sam1_11X12X_slope vs run
χ² / ndf 7.595e−26 / 74
p0 0.3174 ± 0.001209
0.325
0.32
0.315
0.31
0.305
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
30
25
20
15
10
5
0

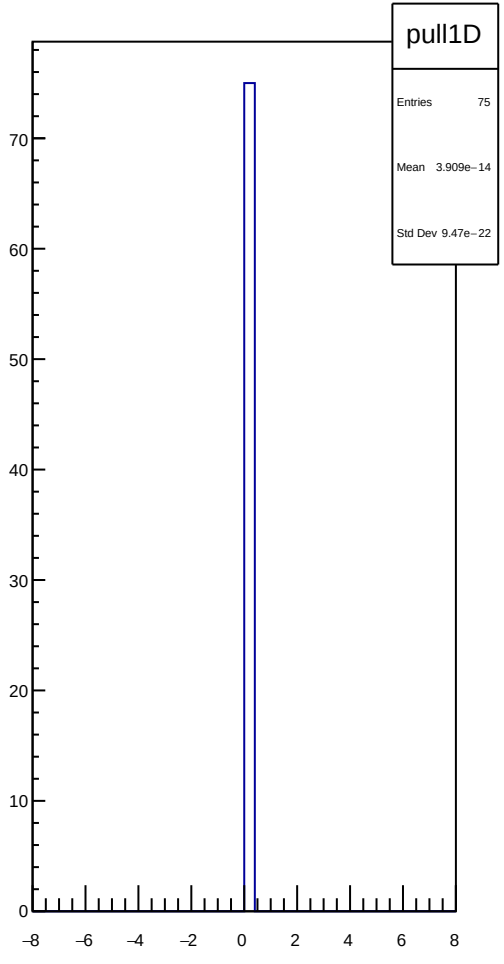

pull1D
Entries 75
Mean 3.182e−14
Std Dev1.198e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

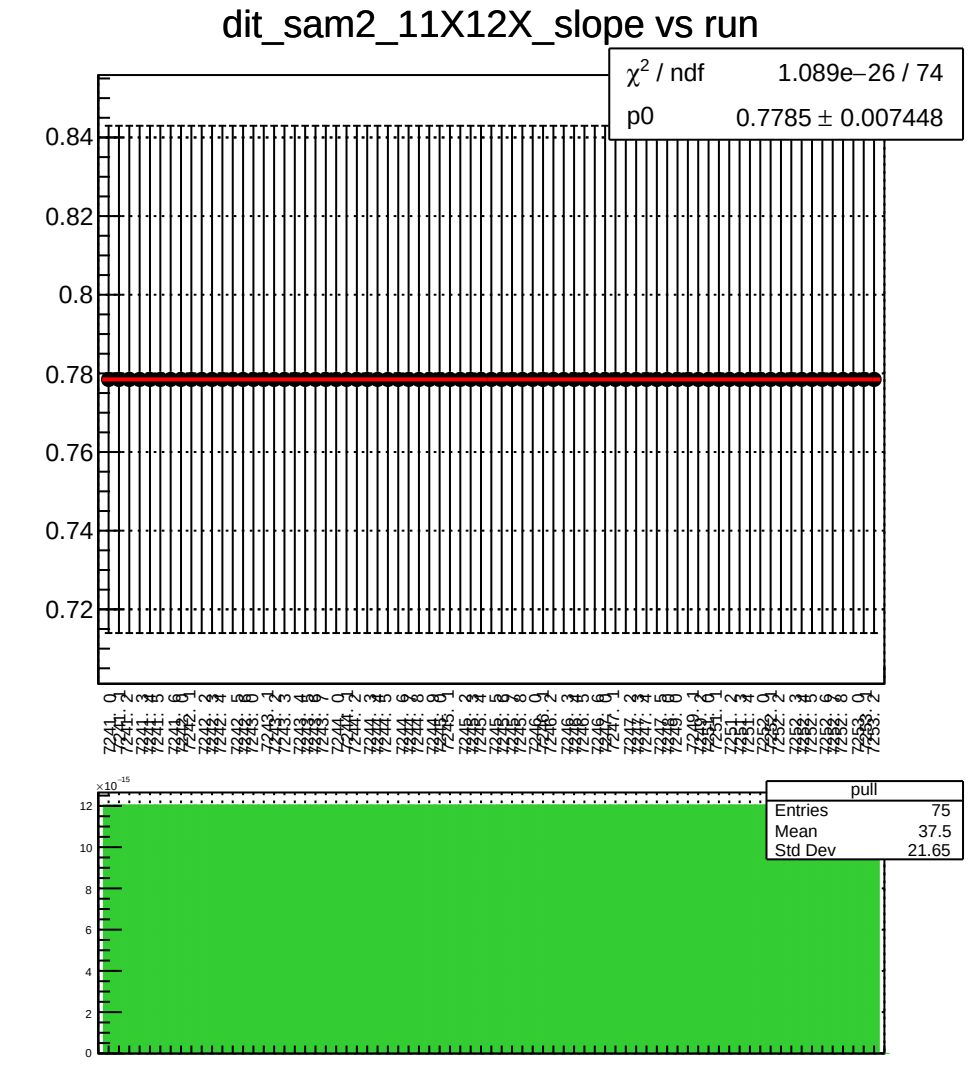

dit_sam1_4aY_slope vs run
χ² / ndf 0 / 74
p0 −50.47 ± 0.004643
−50.43
−50.44
−50.45
−50.46
−50.47
−50.48
−50.49
−50.5
−50.51
−50.52
pull
Entries 75
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
pull1D
Entries 75
Mean 0
Std Dev 0
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

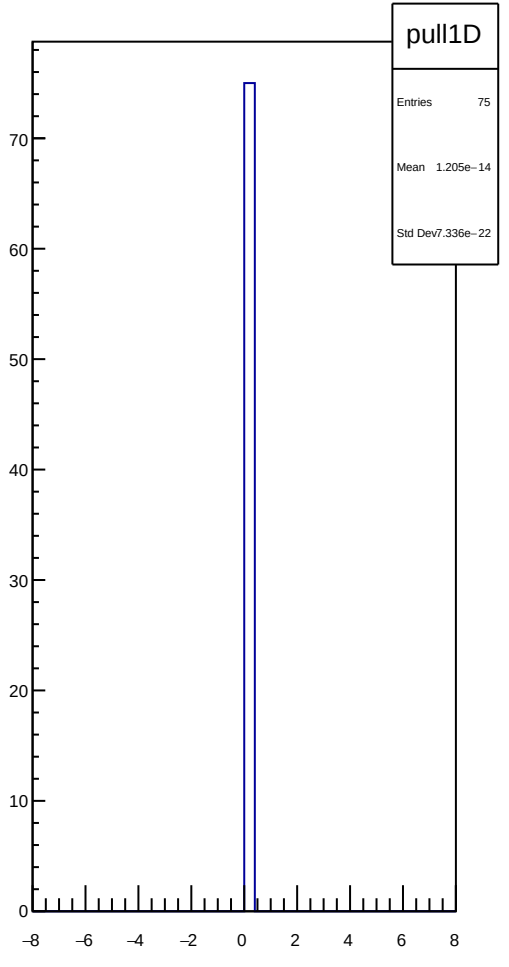

dit_sam1_4eY_slope vs run
χ² / ndf 5.282e−28 / 74
p0 3.608 ± 0.01932
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean 2.654e−15
Std Dev 9.169e−23

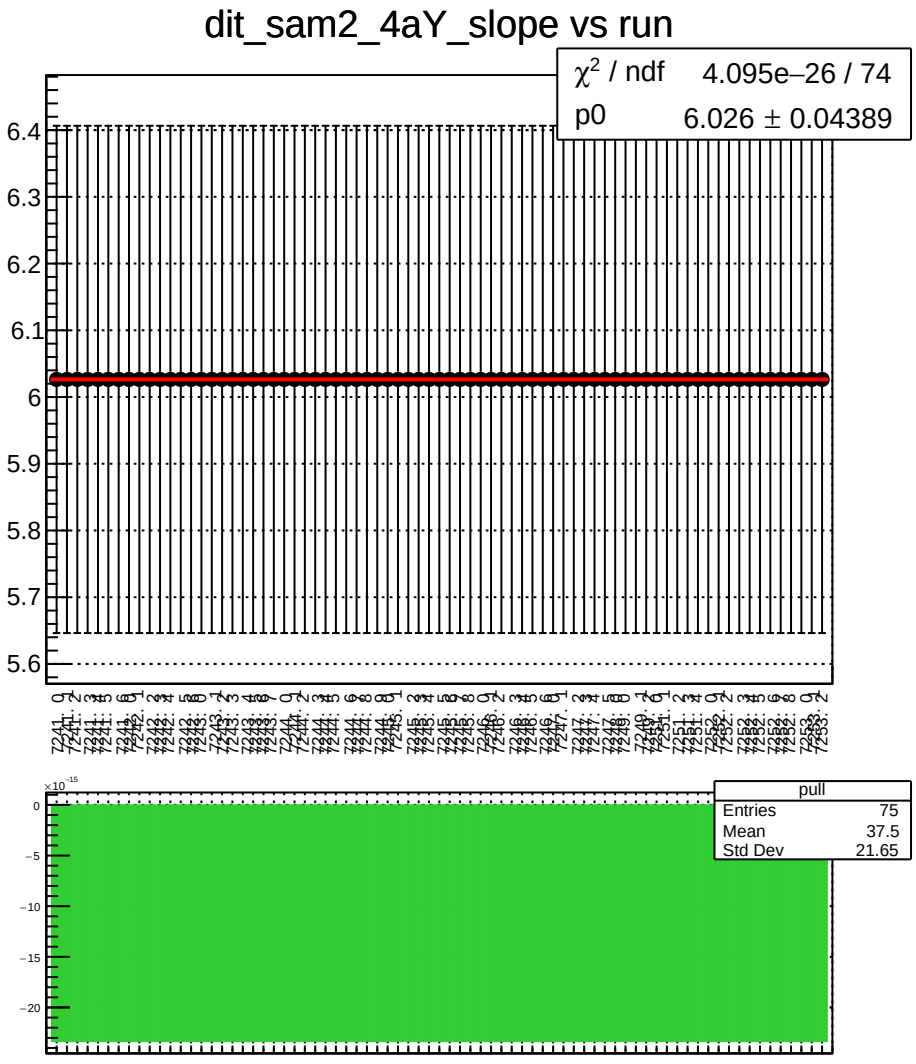

dit_sam2_4aX_slope vs run
χ² / ndf 7.371e−28 / 74
p0 26.53 ± 0.3926
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean 3.135e−15
Std Dev 6.484e−23

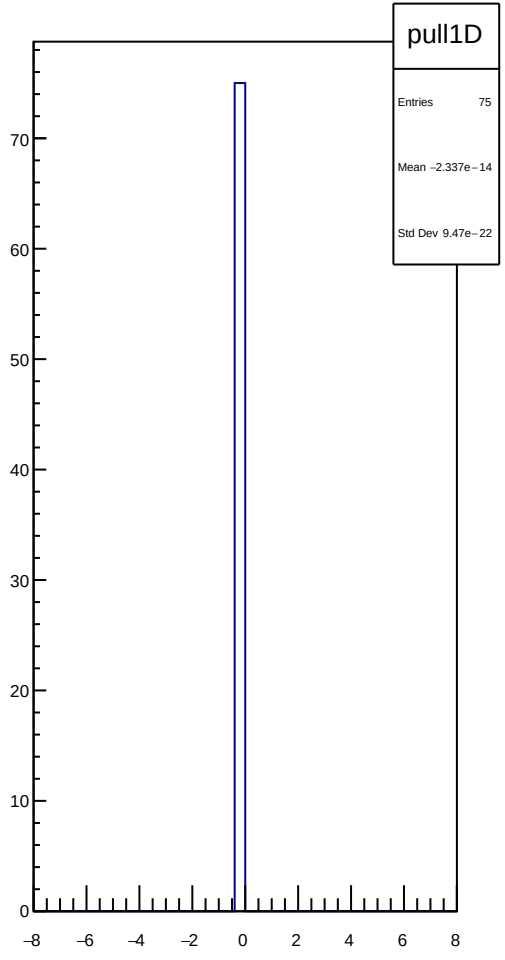

dit_sam2_4eX_slope vs run
χ² / ndf 1.146e−25 / 74
p0 −184.9 ± 0.3358
−182
−183
−184
−185
−186
−187
−188
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
40
35
30
25
20
15
10
5
0

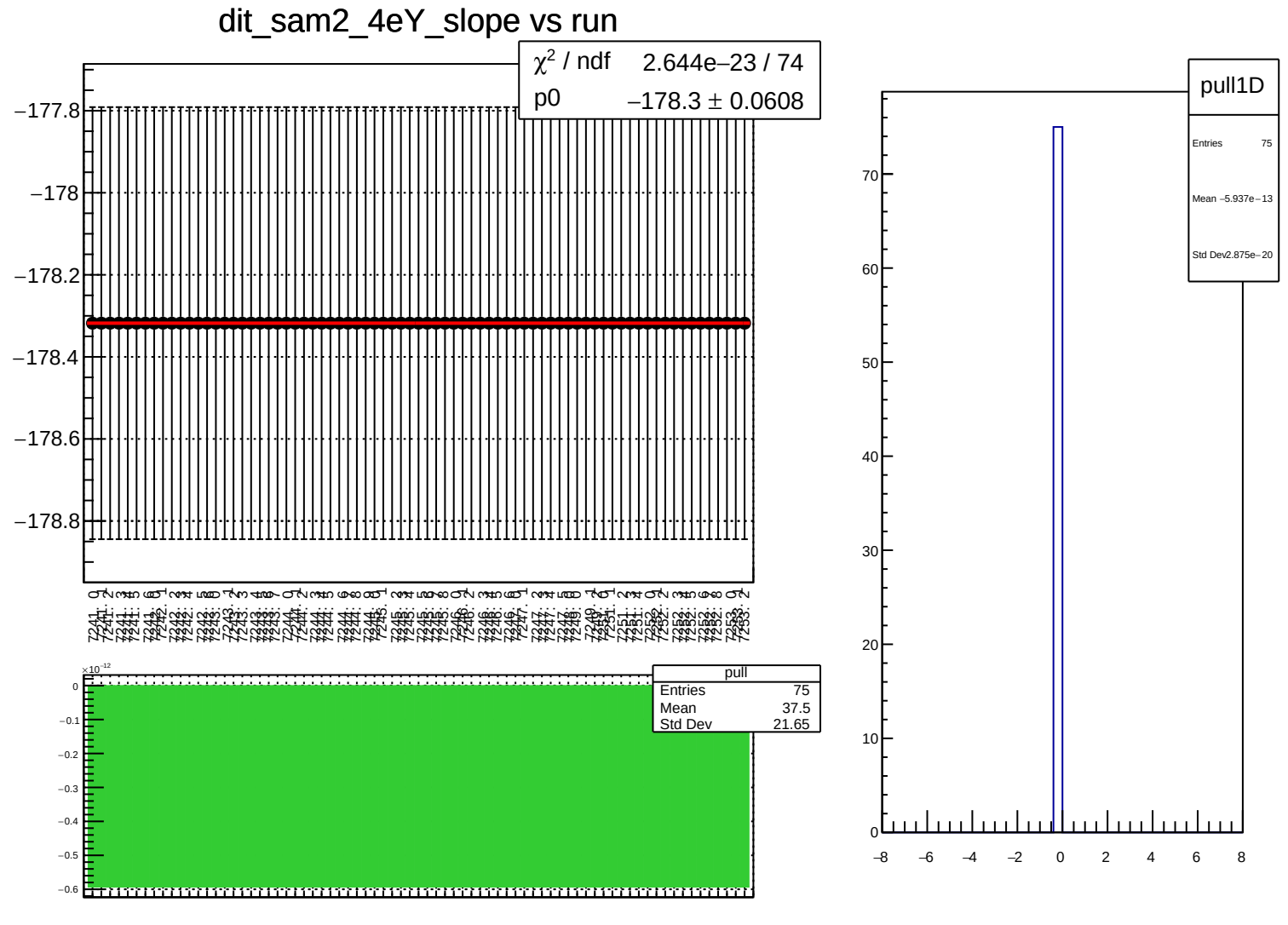

pull1D
Entries 75
Mean 3.909e−14
Std Dev 9.47e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

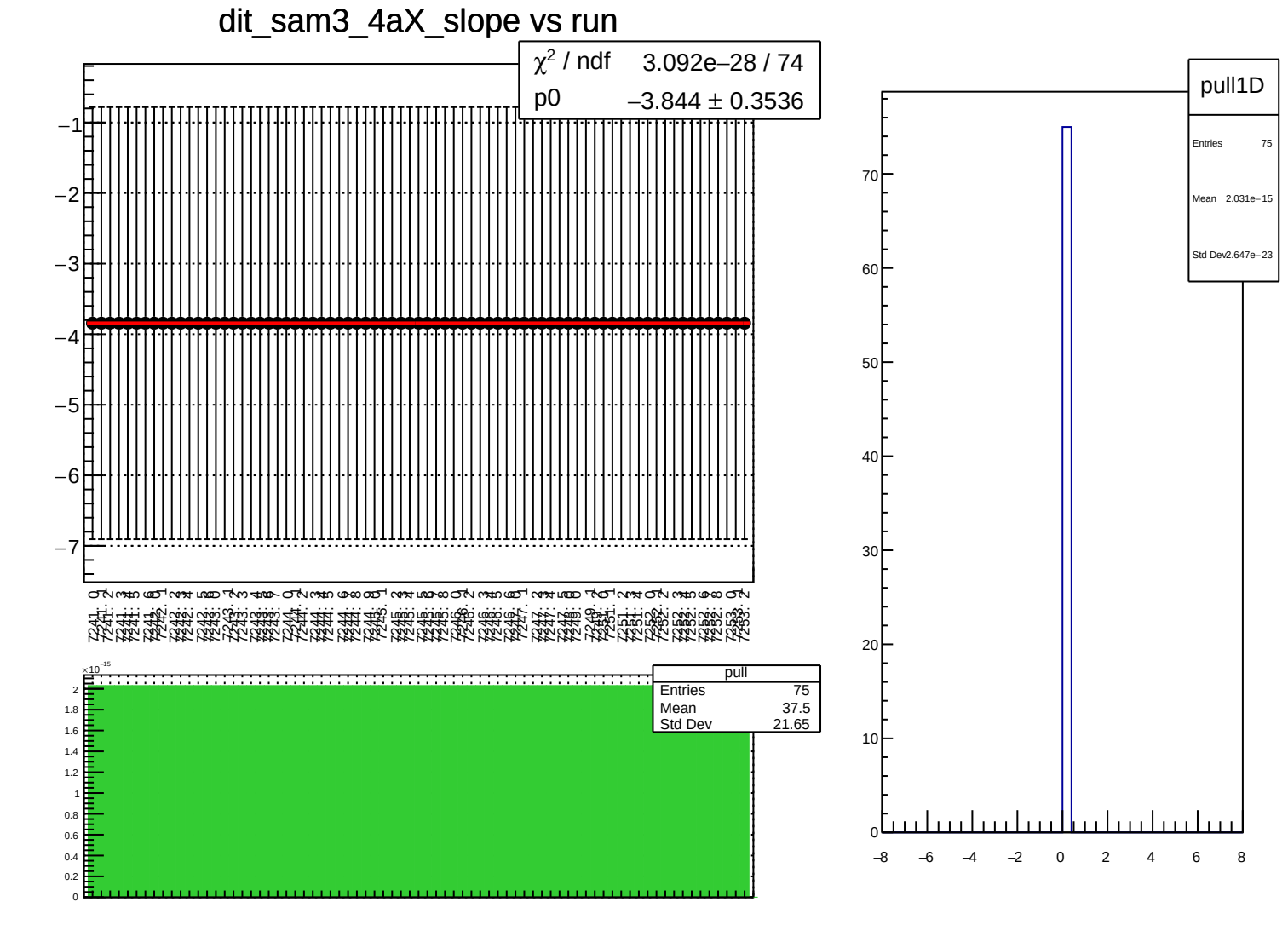

dit_sam2_11X12X_slope vs run
χ² / ndf 1.089e−26 / 74
p0 0.7785 ± 0.007448
0.84
0.82
0.8
0.78
0.76
0.74
0.72
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
12
10
8
6
4
2
0

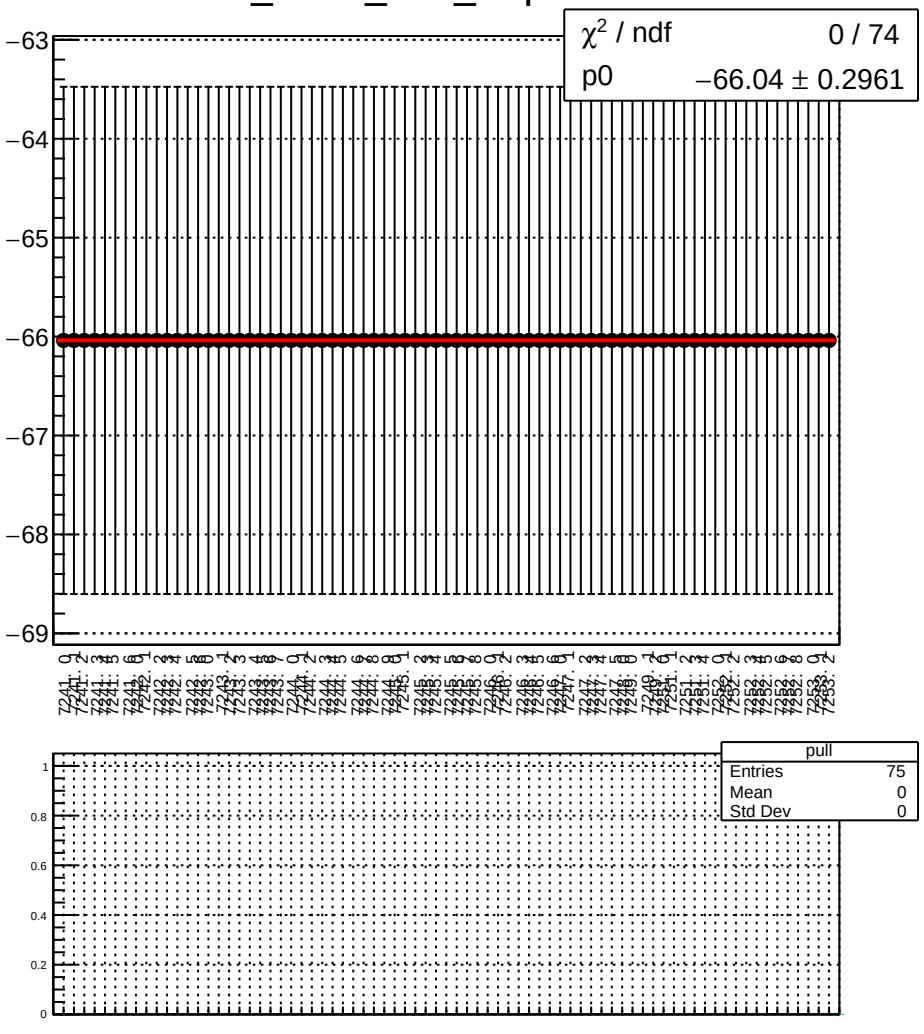

pull1D
Entries 75
Mean 1.205e−14
Std Dev7.336e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

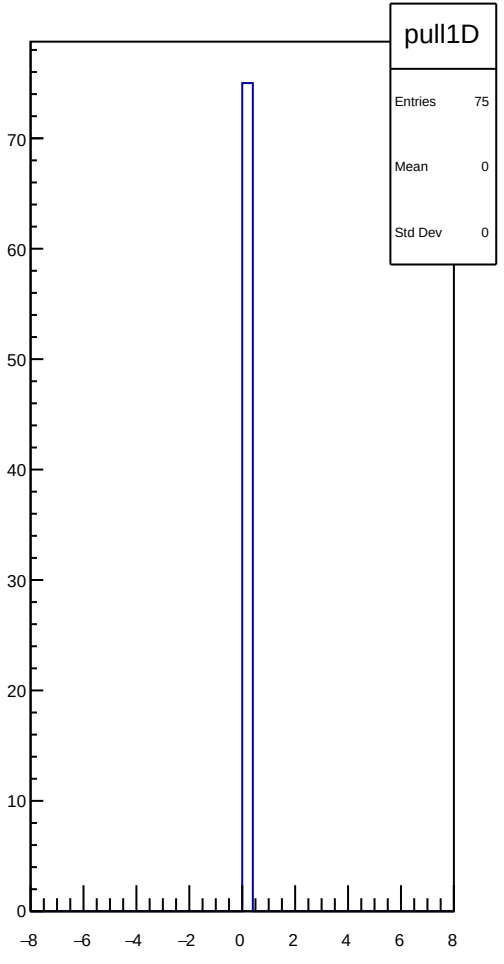

dit_sam2_4aY_slope vs run
χ² / ndf 4.095e−26 / 74
p0 6.026 ± 0.04389
6.4
6.3
6.2
6.1
6
5.9
5.8
5.7
5.6
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−5
−10
−15
−20

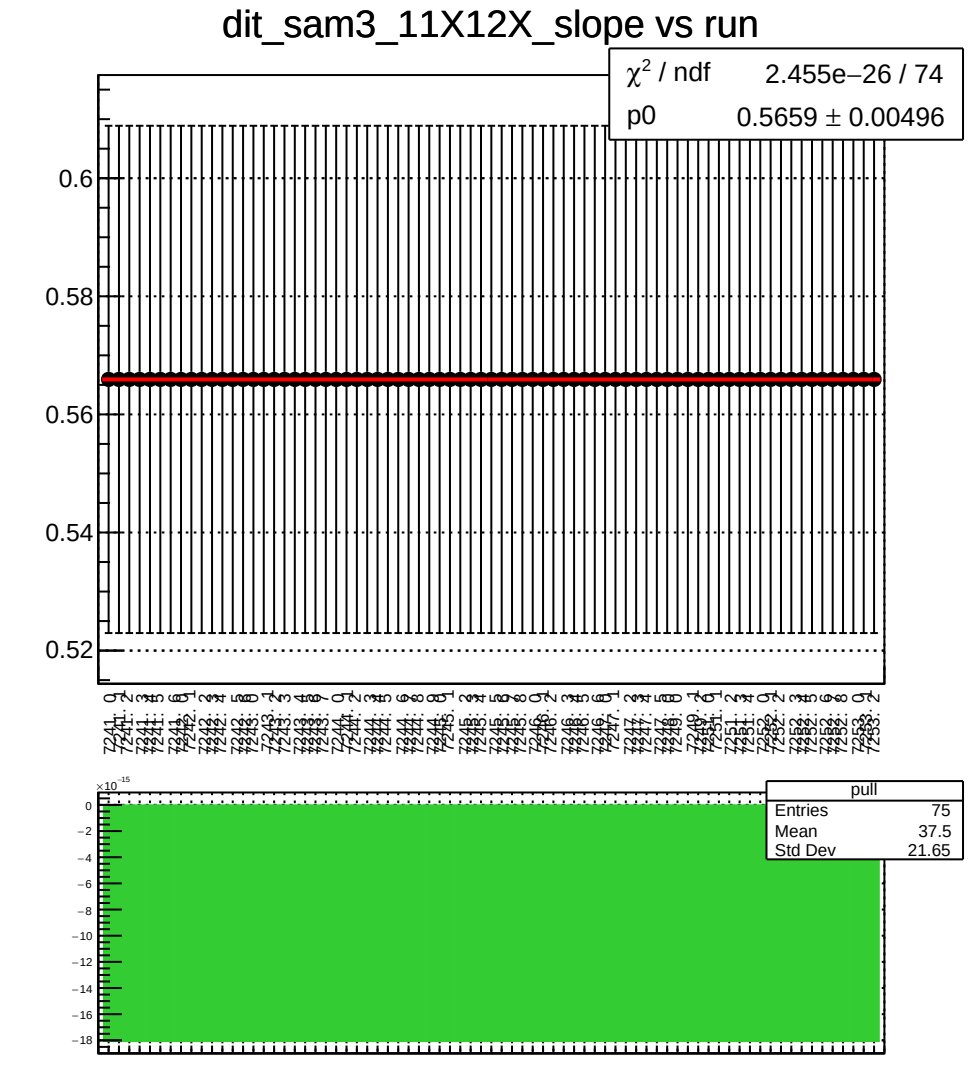

pull1D
Entries 75
Mean −2.337e−14
Std Dev 9.47e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

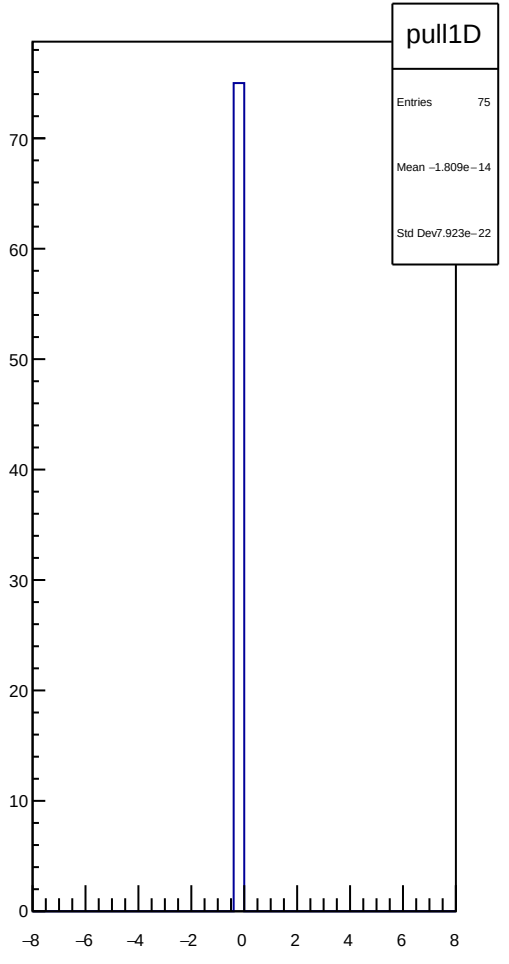

dit_sam2_4eY_slope vs run
χ² / ndf 2.644e−23 / 74
p0 −178.3 ± 0.0608
−177.8
−178
−178.2
−178.4
−178.6
−178.8
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
pull1D
Entries 75
Mean −5.937e−13
Std Dev 2.875e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

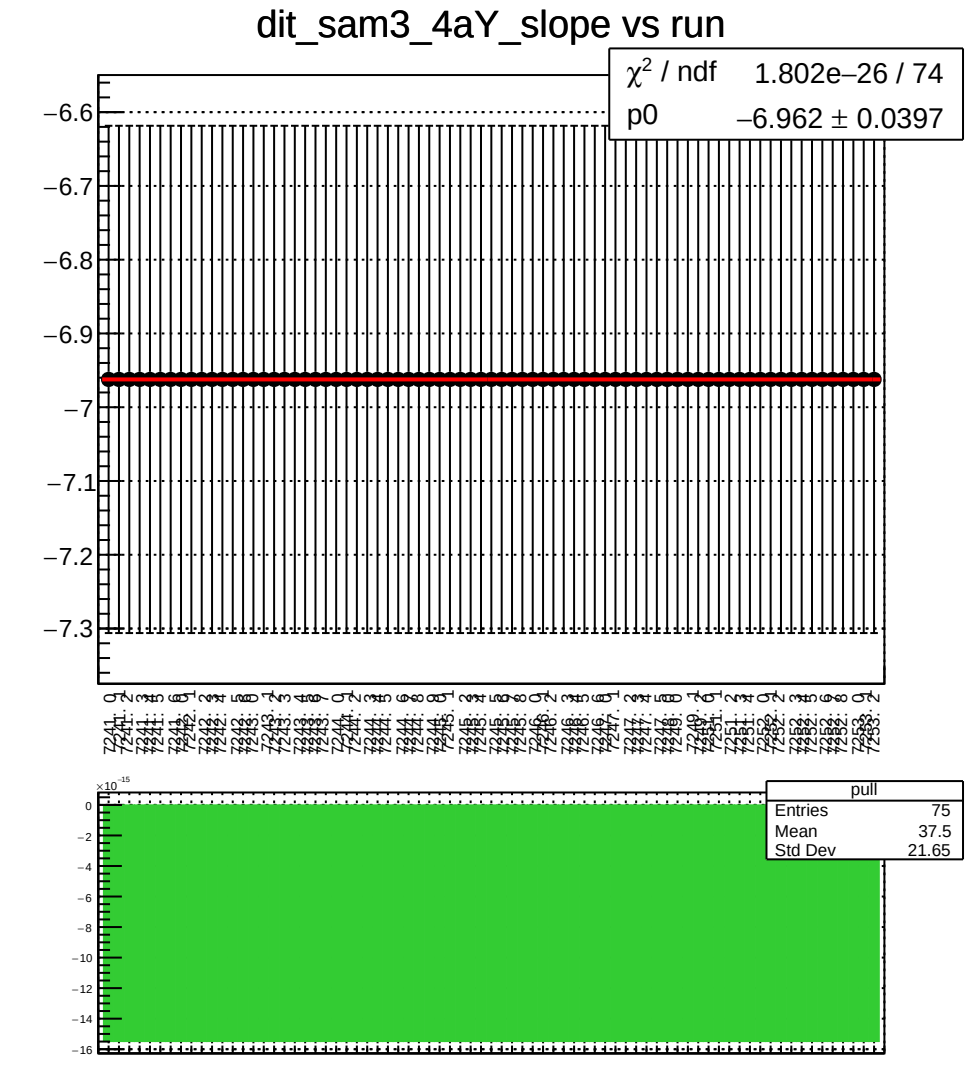

dit_sam3_4aX_slope vs run
χ² / ndf 3.092e−28 / 74
p0 −3.844 ± 0.3536
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean 2.031e−15
Std Dev 2.647e−23

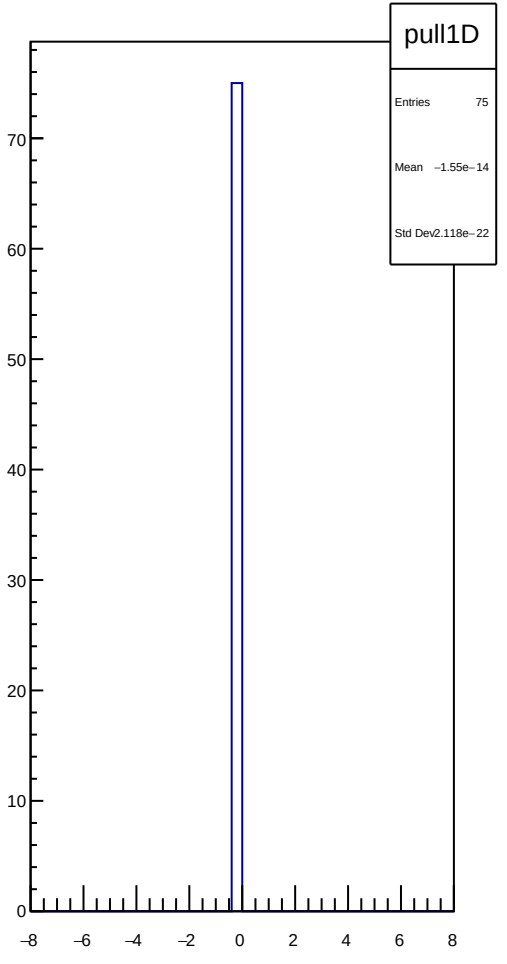

dit_sam3_4eX_slope vs run
χ^2 / ndf 0 / 74
p0 −66.04 ± 0.2961
pull
Entries 75
Mean 0
Std Dev 0

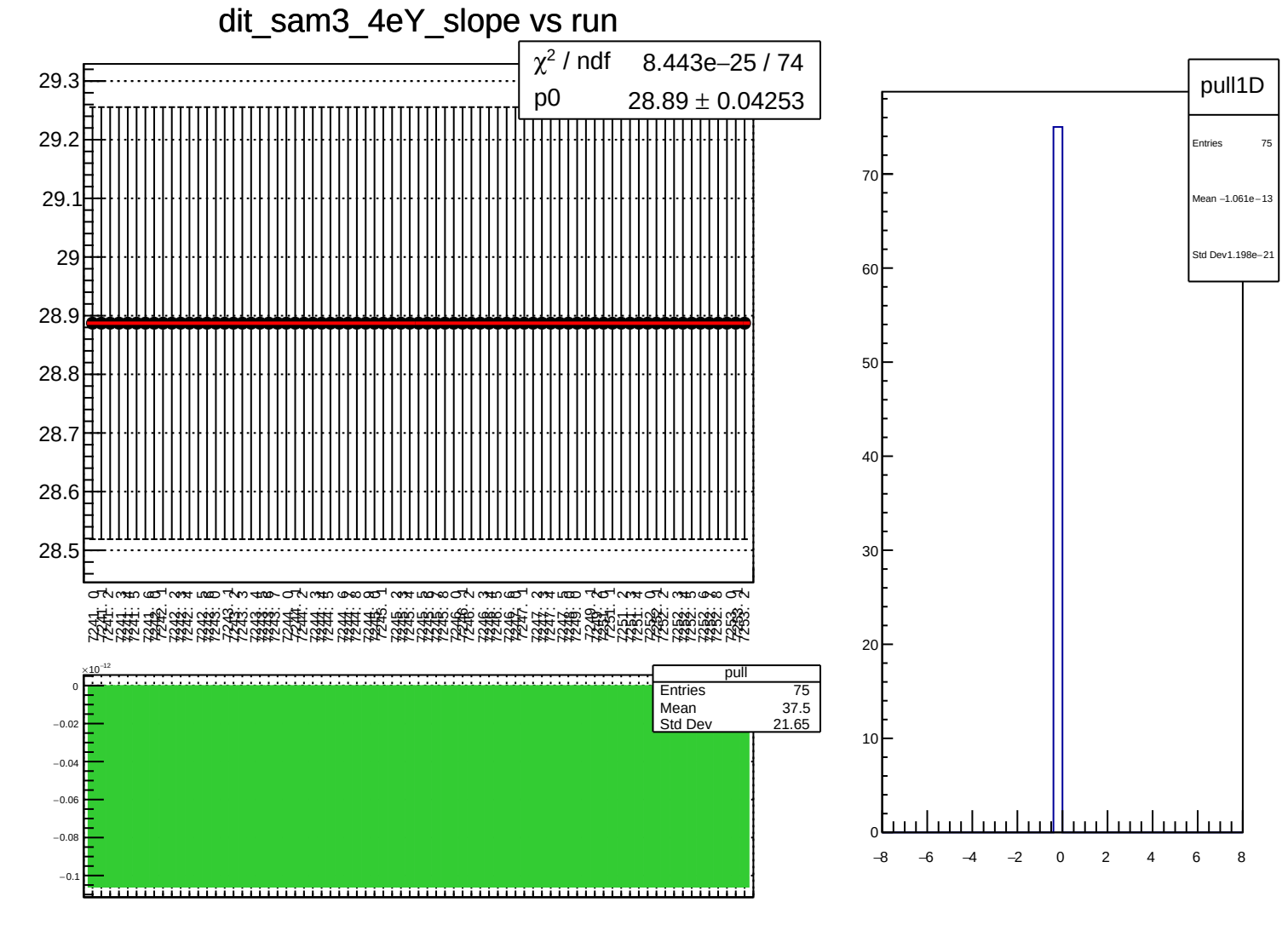

pull1D
Entries 75
Mean 0
Std Dev 0

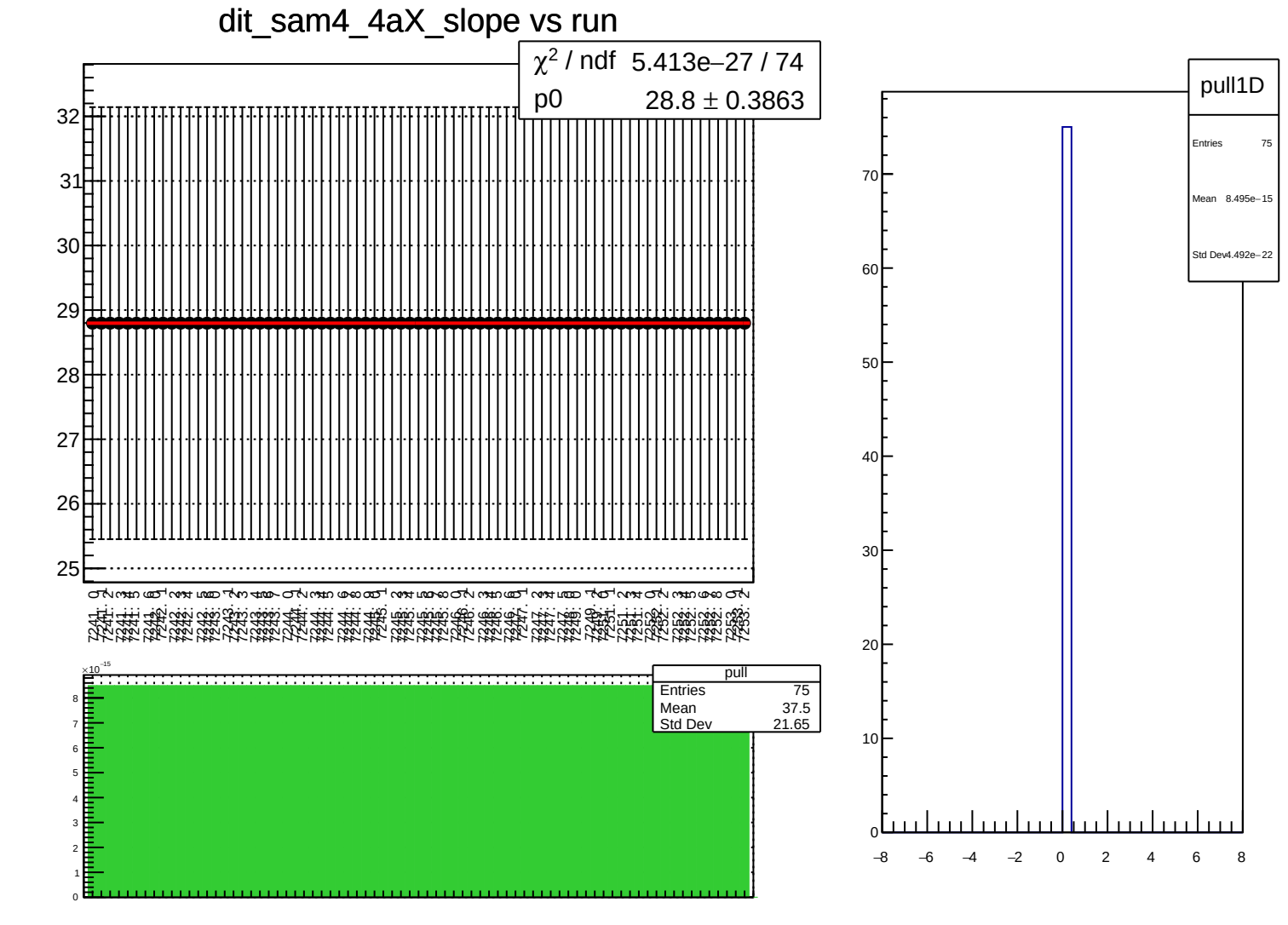

dit_sam3_11X12X_slope vs run
χ² / ndf 2.455e−26 / 74
p0 0.5659 ± 0.00496
0.6
0.58
0.56
0.54
0.52
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
−16
−18

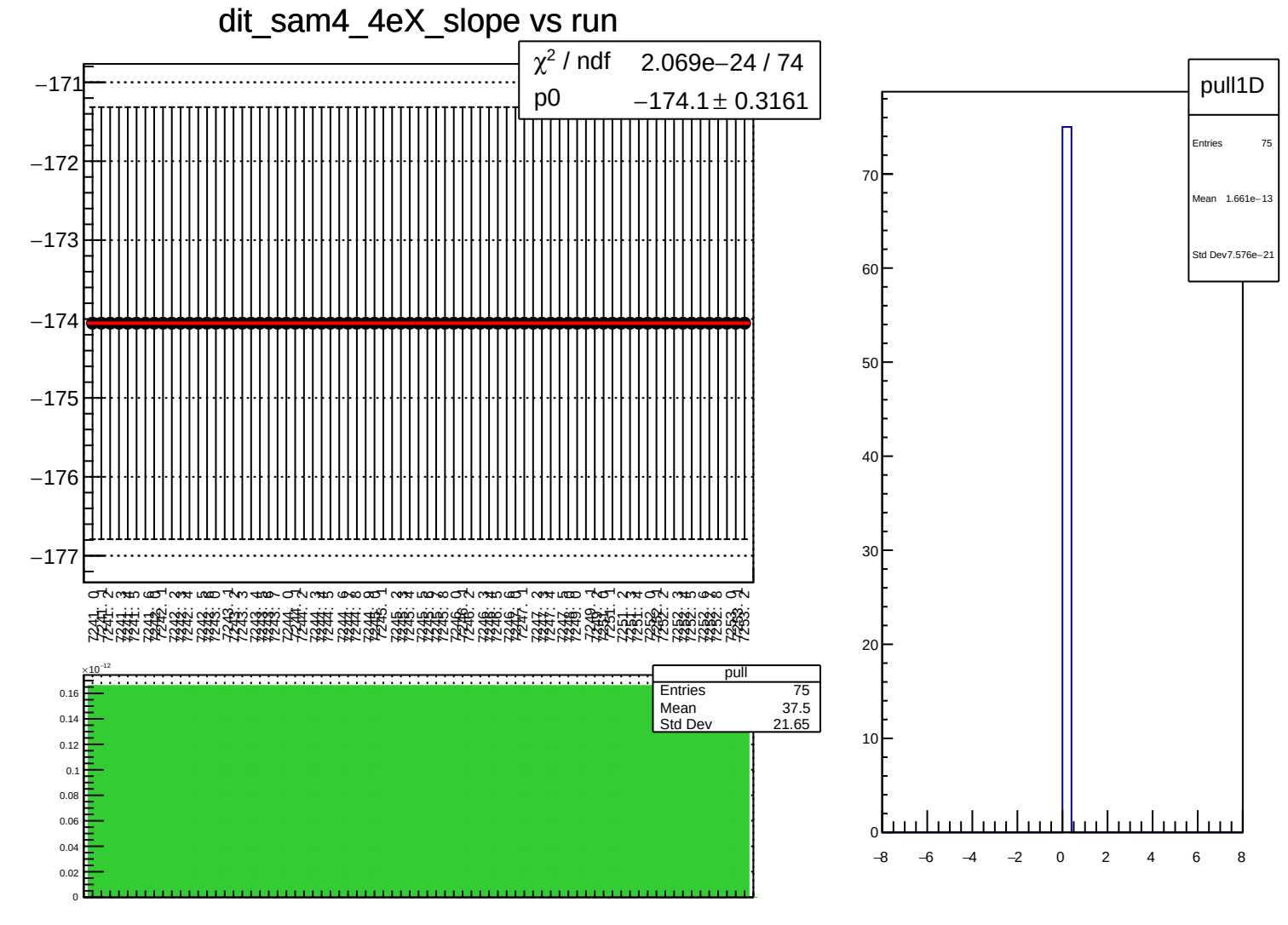

pull1D
Entries 75
Mean −1.809e−14
Std Dev7.923e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

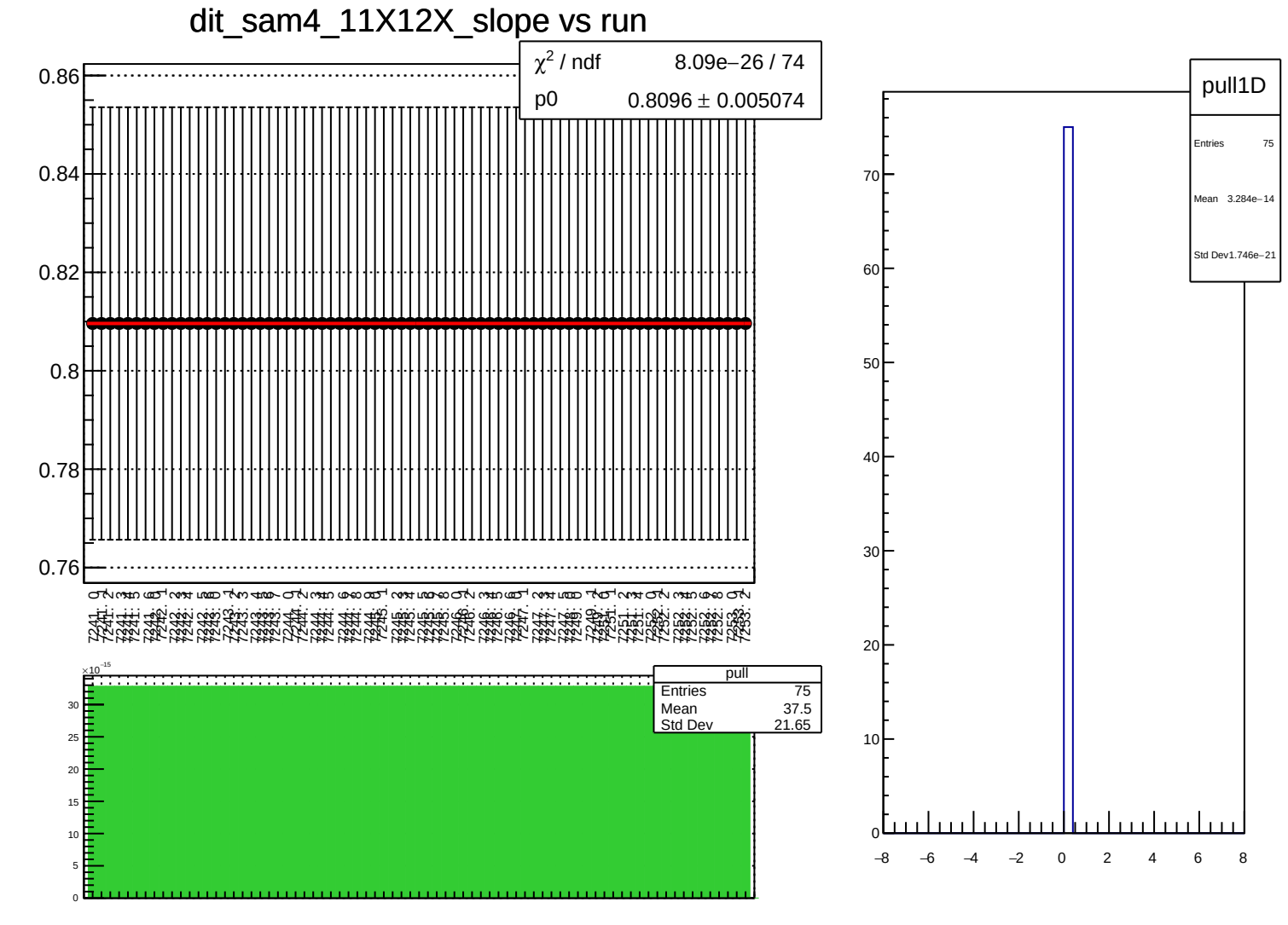

dit_sam3_4aY_slope vs run
χ² / ndf 1.802e−26 / 74
p0 −6.962 ± 0.0397
−6.6
−6.7
−6.8
−6.9
−7
−7.1
−7.2
−7.3
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
−16

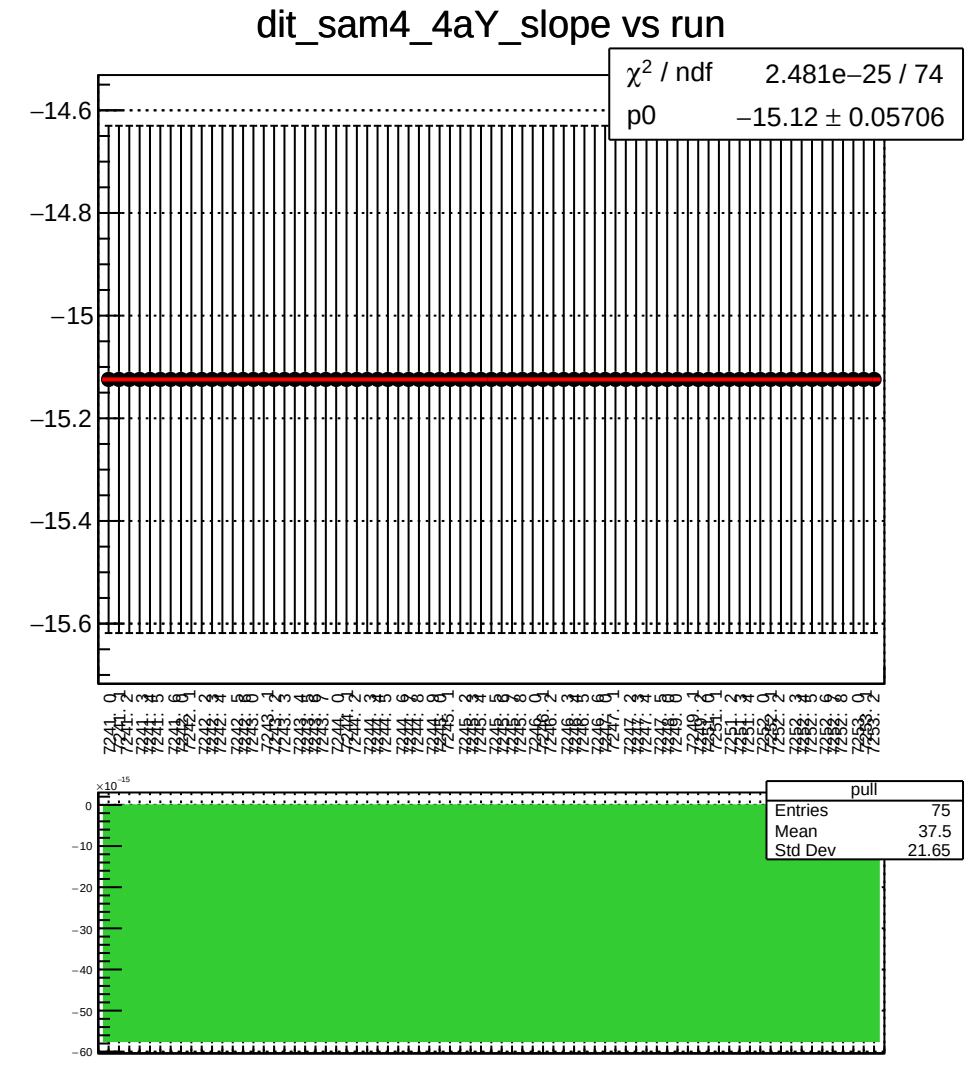

pull1D
Entries 75
Mean −1.55e−14
Std Dev 2.118e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

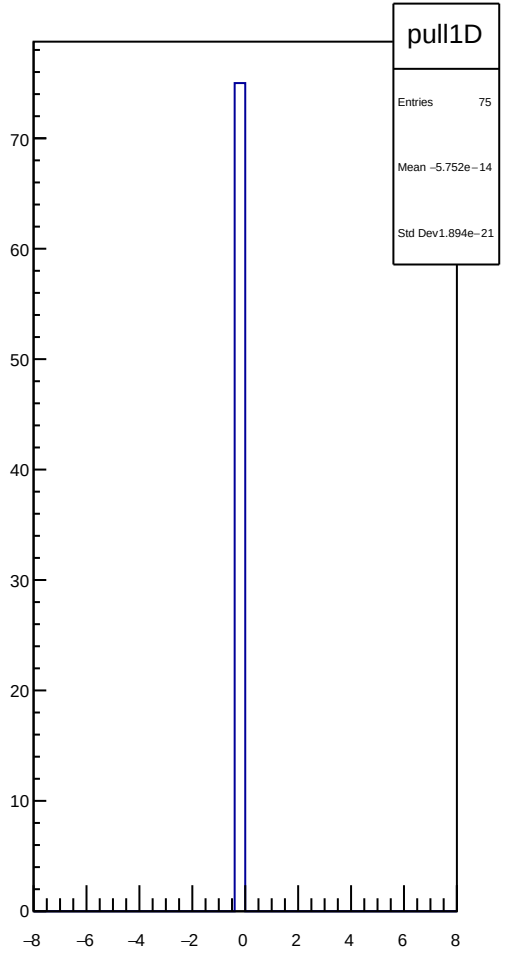

dit_sam3_4eY_slope vs run
χ² / ndf 8.443e−25 / 74
p0 28.89 ± 0.04253
29.3
29.2
29.1
29
28.9
28.8
28.7
28.6
28.5
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 75
Mean −1.061e−13
Std Dev1.198e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

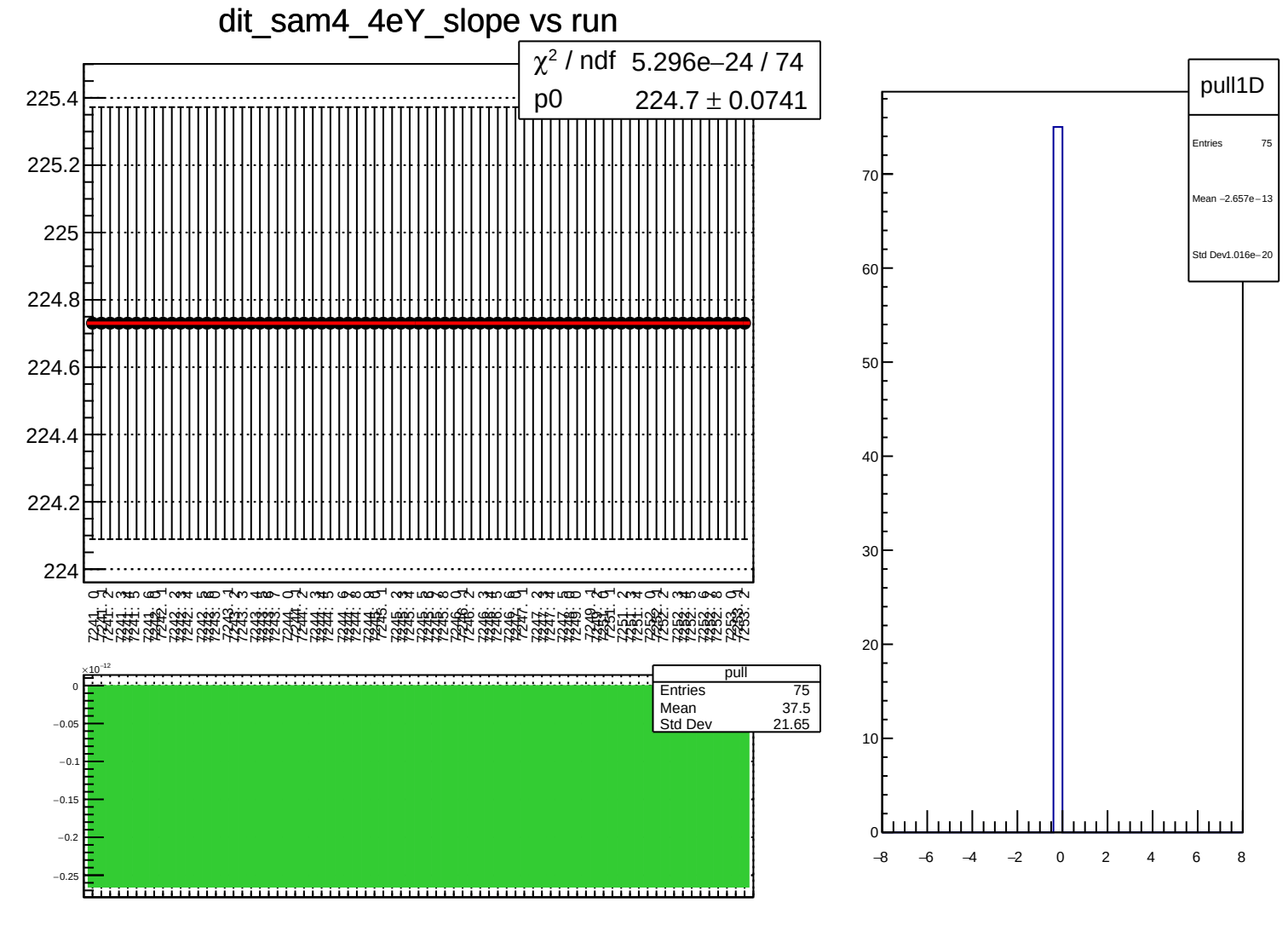

dit_sam4_4aX_slope vs run
χ² / ndf 5.413e−27 / 74
p0 28.8 ± 0.3863
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean 8.495e−15
Std Dev 4.492e−22

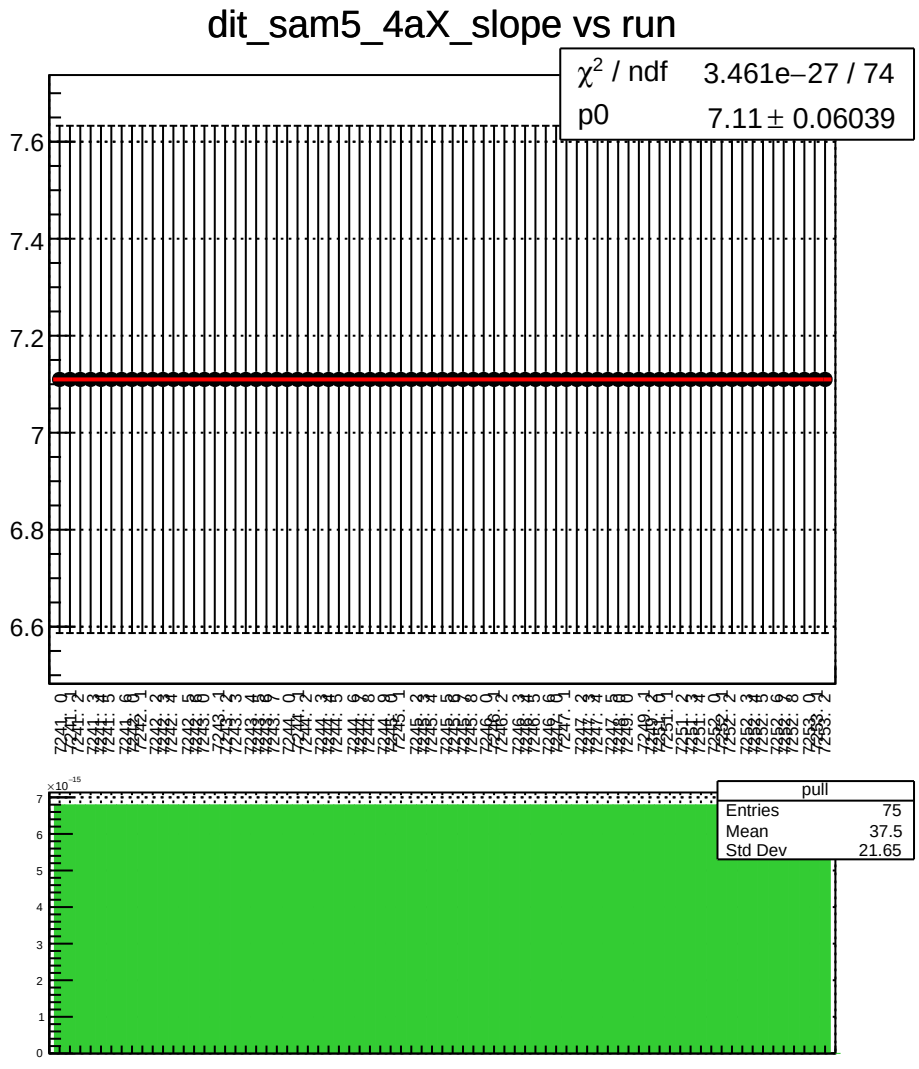

dit_sam4_4eX_slope vs run
χ^2 / ndf 2.069e−24 / 74
p0 −174.1 ± 0.3161
−171
−172
−173
−174
−175
−176
−177
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
pull1D
Entries 75
Mean 1.661e−13
Std Dev7.576e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

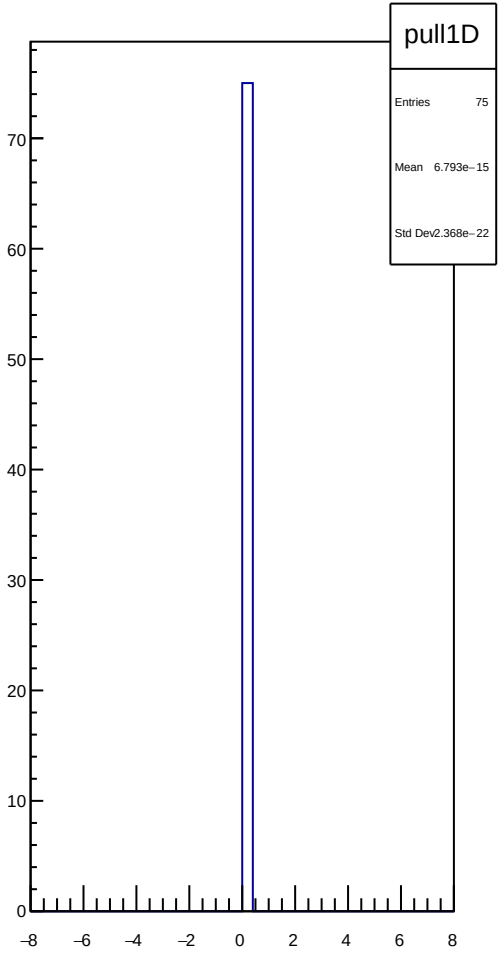

dit_sam4_11X12X_slope vs run
χ² / ndf 8.09e−26 / 74
p0 0.8096 ± 0.005074
0.86
0.84
0.82
0.8
0.78
0.76
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
pull1D
Entries 75
Mean 3.284e−14
Std Dev1.746e−21

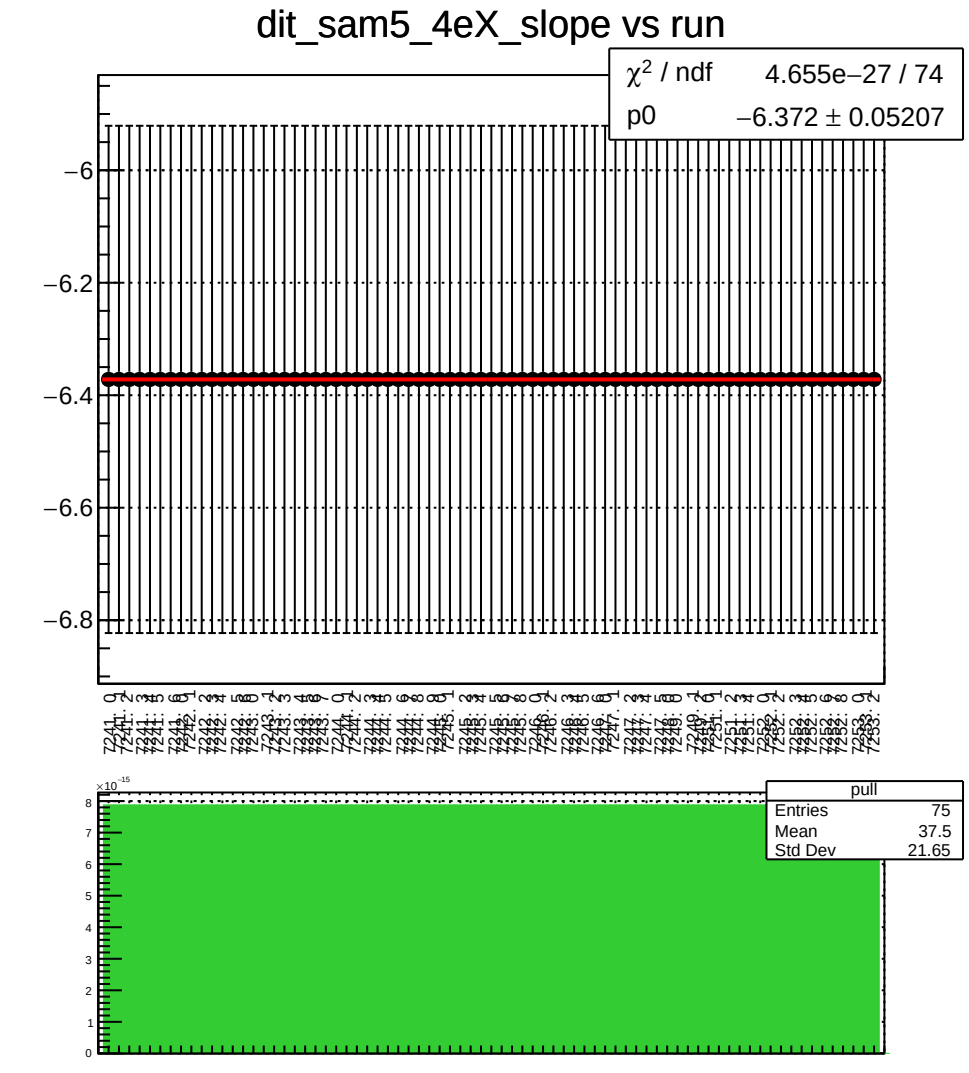

dit_sam4_4aY_slope vs run
χ² / ndf 2.481e−25 / 74
p0 −15.12 ± 0.05706
−14.6
−14.8
−15
−15.2
−15.4
−15.6
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60

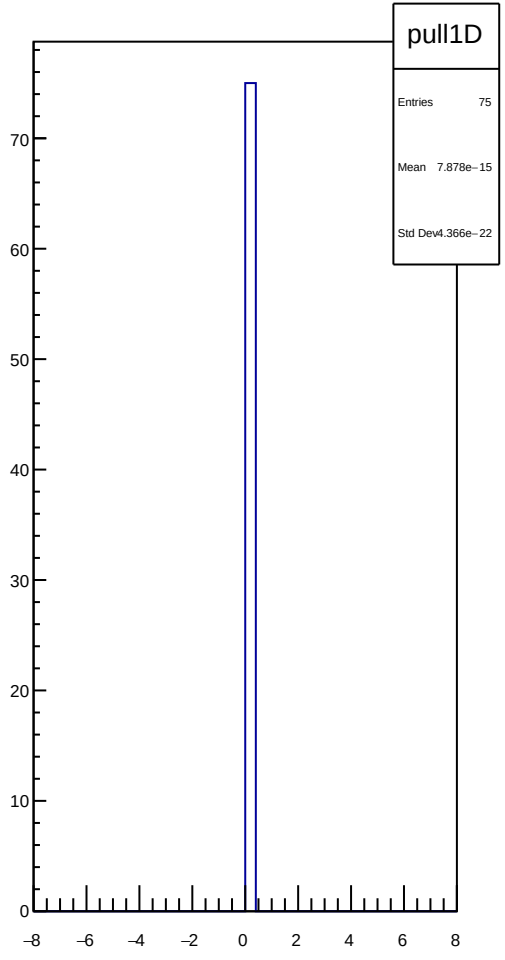

pull1D
Entries 75
Mean −5.752e−14
Std Dev1.894e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

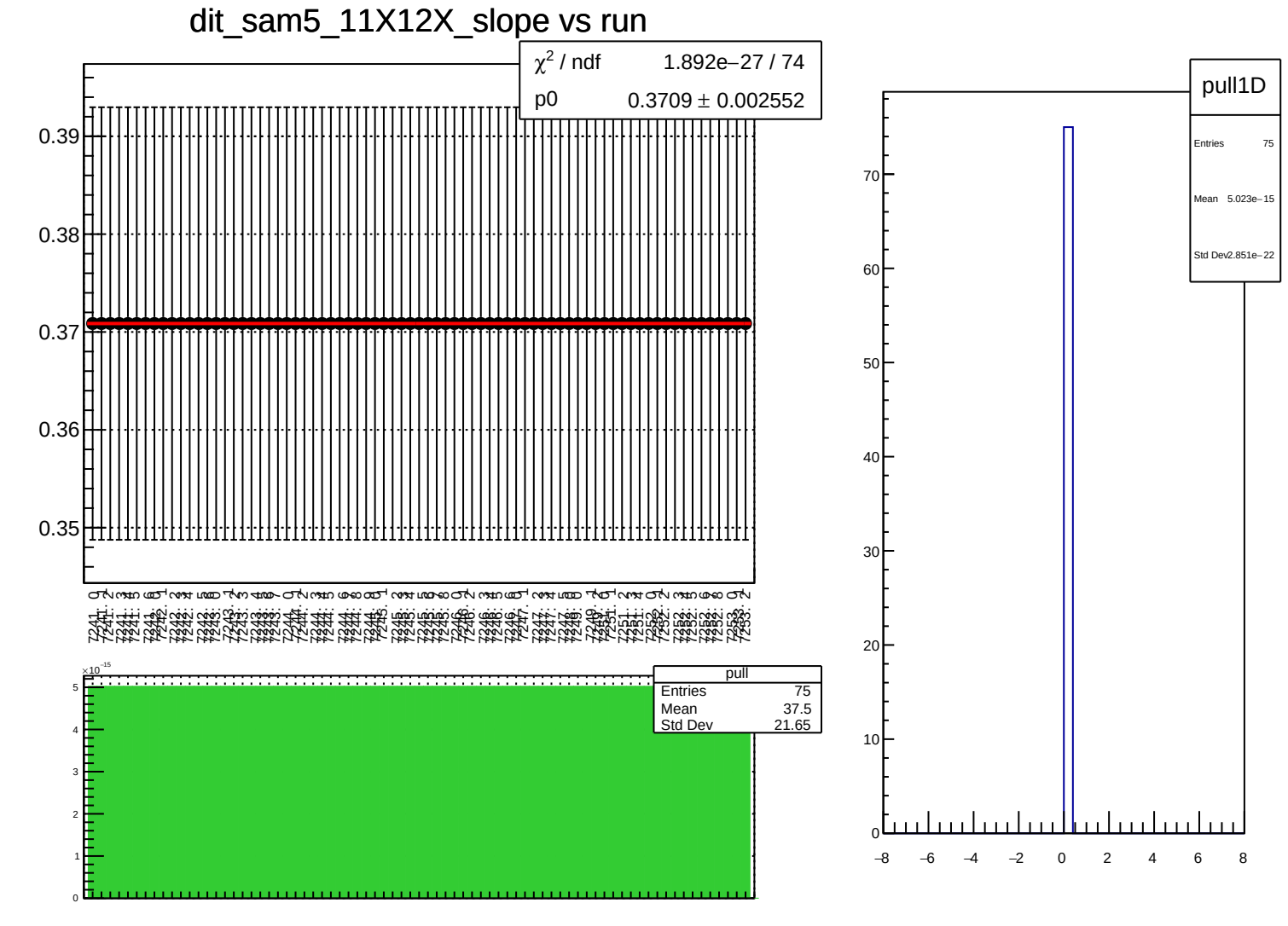

dit_sam4_4eY_slope vs run
χ² / ndf 5.296e−24 / 74
p0 224.7 ± 0.0741
225.4
225.2
225
224.8
224.6
224.4
224.2
224
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
pull1D
Entries 75
Mean −2.657e−13
Std Dev1.016e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

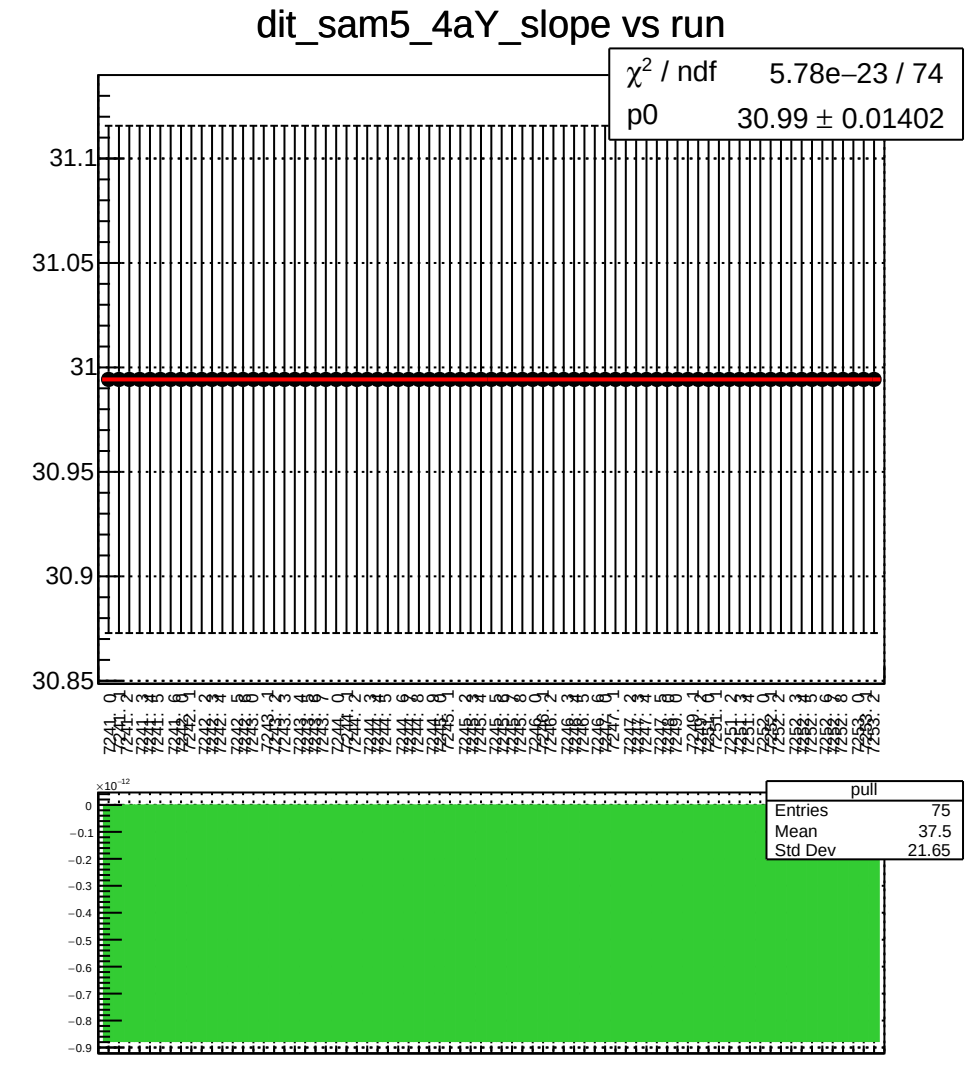

dit_sam5_4aX_slope vs run
χ^2 / ndf 3.461e−27 / 74
p0 7.11 ± 0.06039
7.6
7.4
7.2
7
6.8
6.6
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10^-15

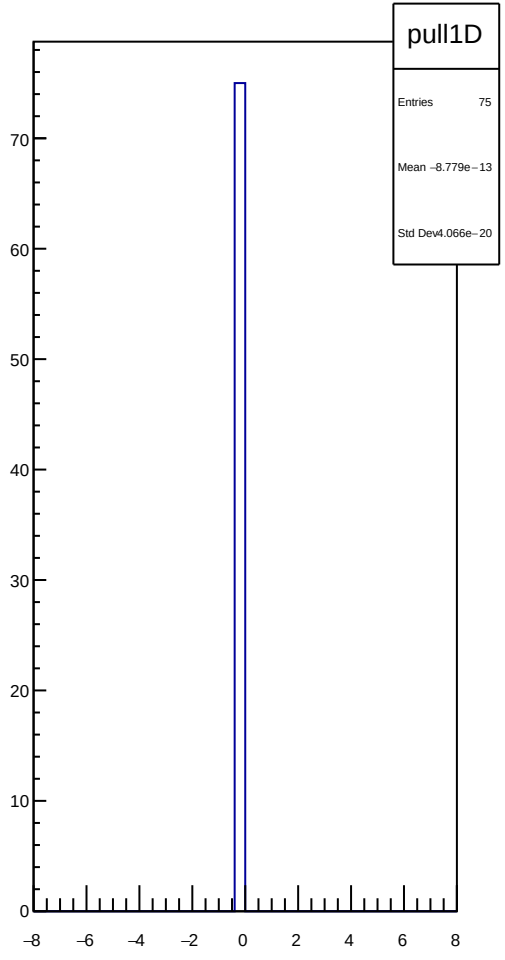

pull1D
Entries 75
Mean 6.793e−15
Std Dev 2.368e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

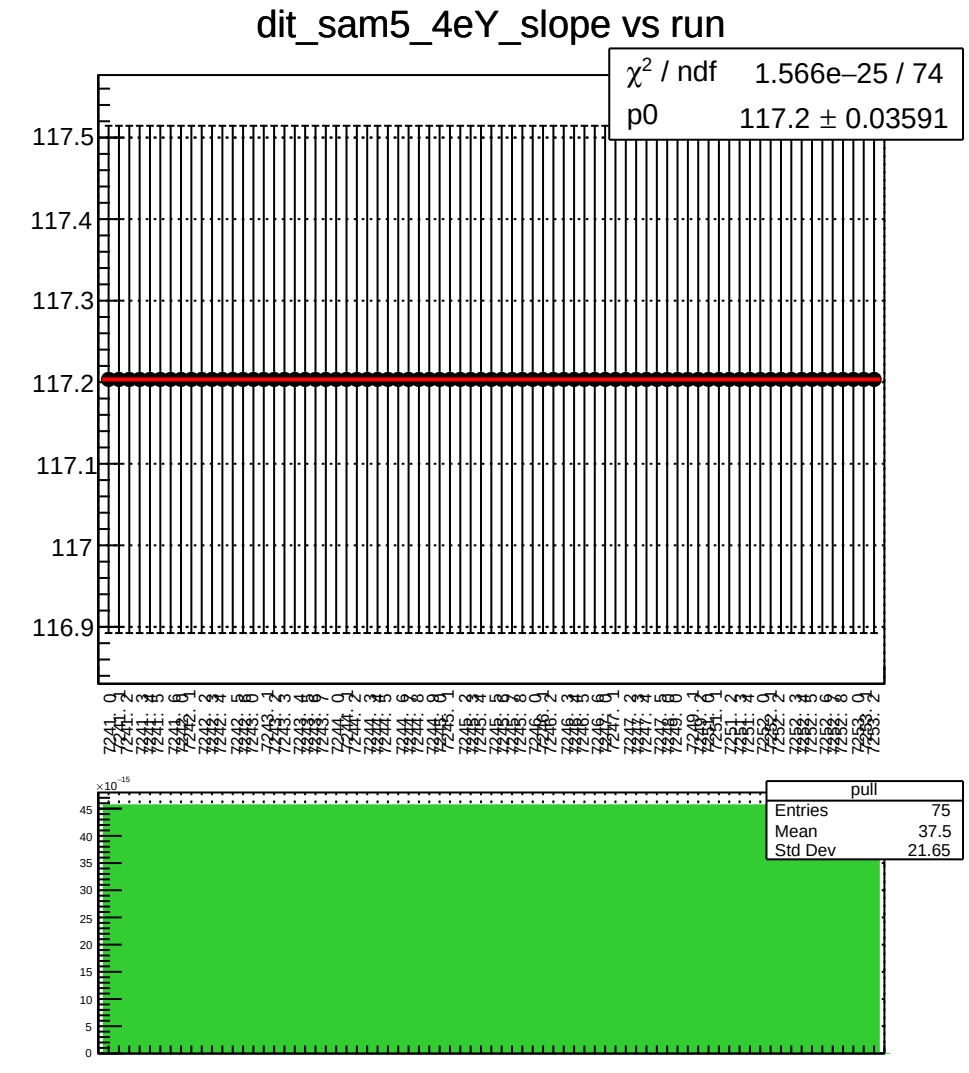

dit_sam5_4eX_slope vs run
χ² / ndf 4.655e−27 / 74
p0 −6.372 ± 0.05207
−6
−6.2
−6.4
−6.6
−6.8
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵

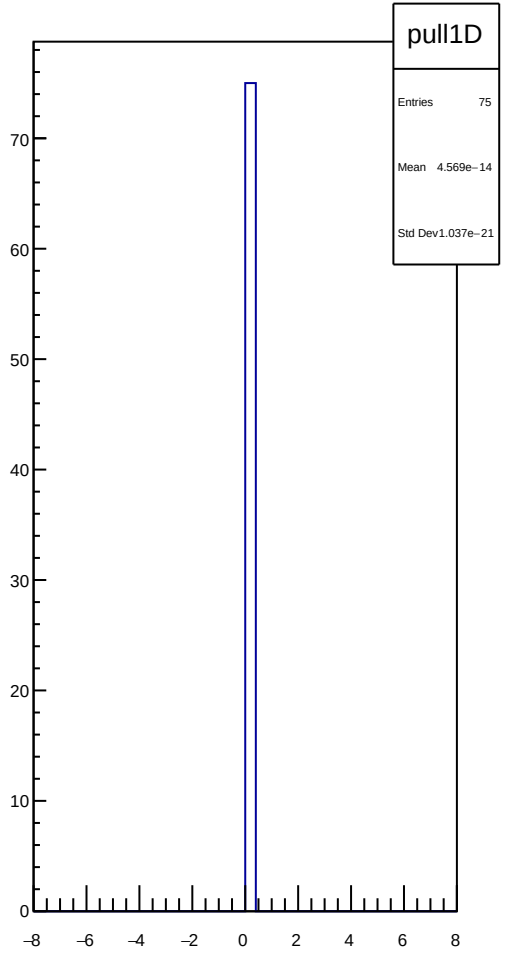

pull1D
Entries 75
Mean 7.878e−15
Std Dev4.366e−22

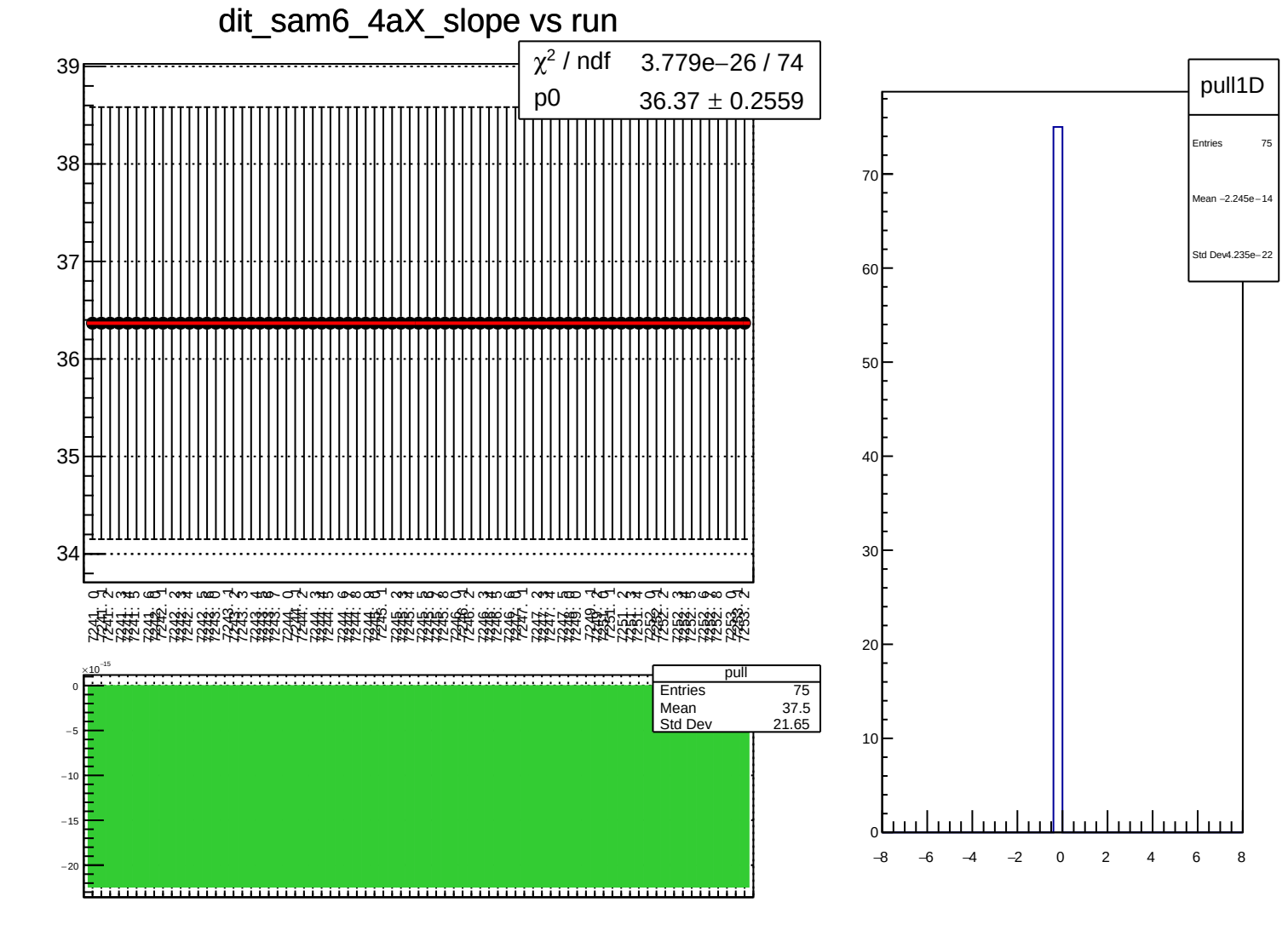

dit_sam5_11X12X_slope vs run
χ² / ndf 1.892e−27 / 74
p0 0.3709 ± 0.002552
0.39
0.38
0.37
0.36
0.35
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
pull1D
Entries 75
Mean 5.023e−15
Std Dev 2.851e−22

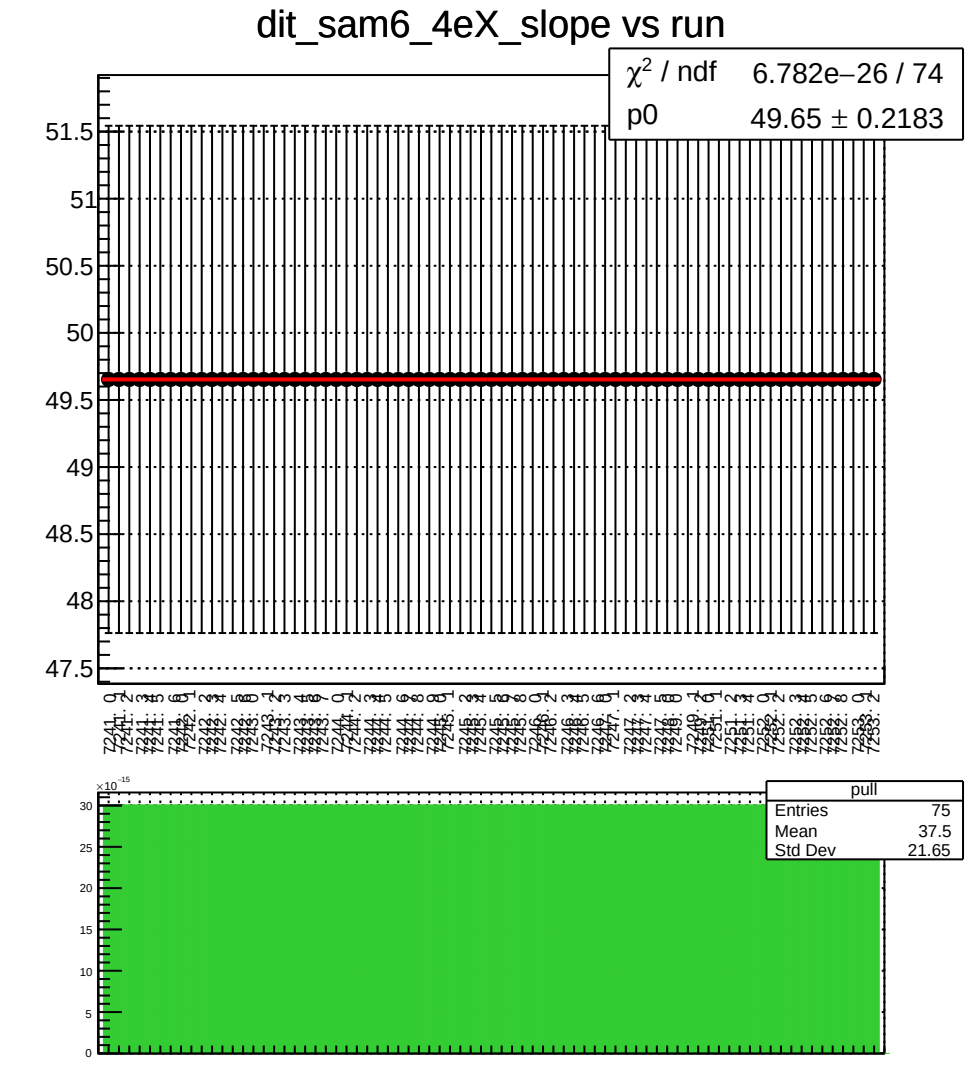

dit_sam5_4aY_slope vs run
χ² / ndf 5.78e−23 / 74
p0 30.99 ± 0.01402
31.1
31.05
31
30.95
30.9
30.85
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9

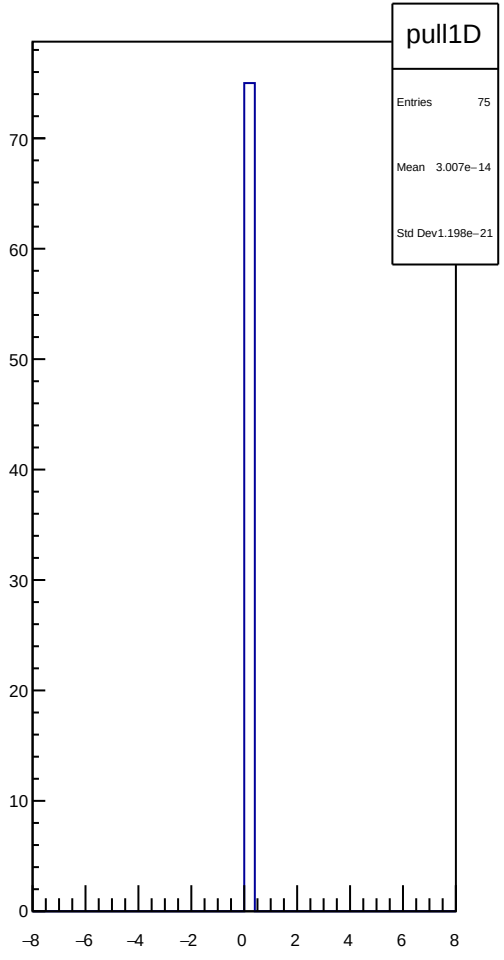

pull1D
Entries 75
Mean −8.779e−13
Std Dev4.066e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

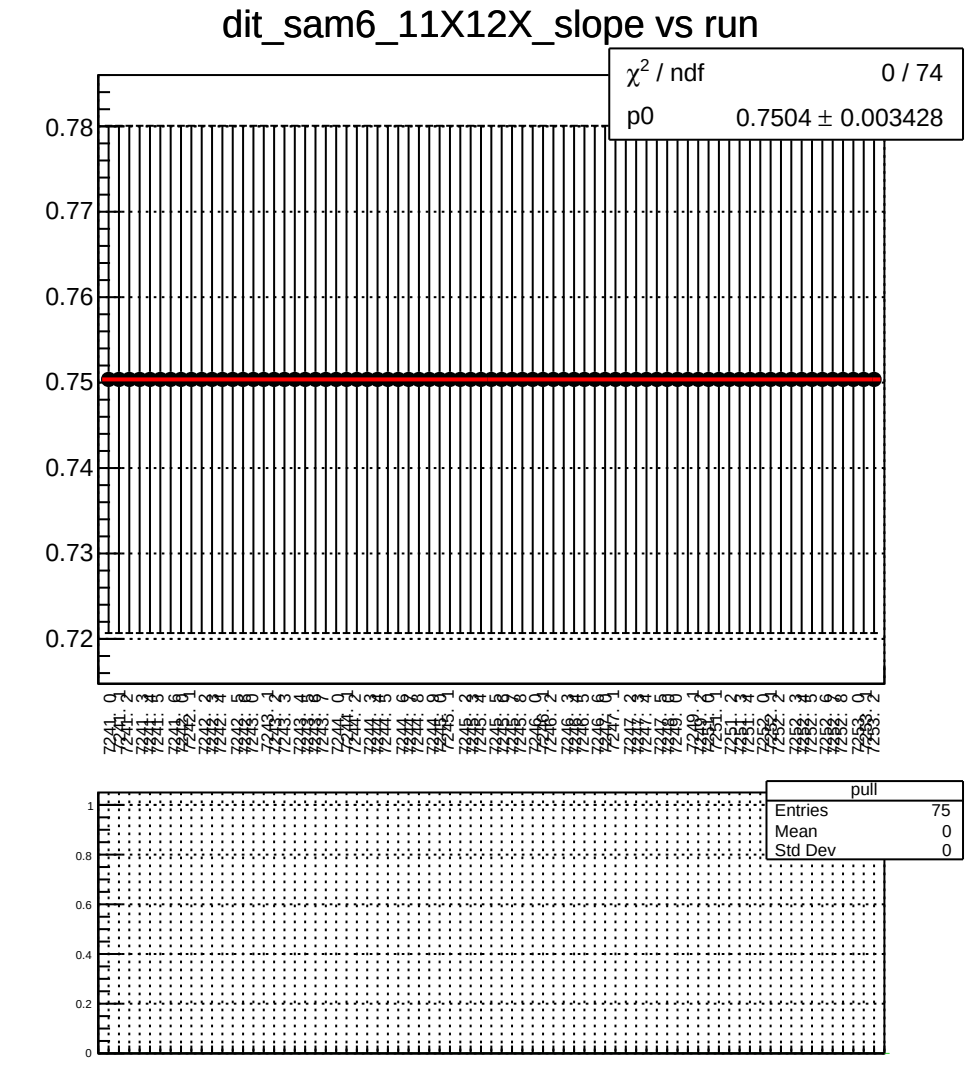

dit_sam5_4eY_slope vs run
χ² / ndf 1.566e−25 / 74
p0 117.2 ± 0.03591
117.5
117.4
117.3
117.2
117.1
117
116.9
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
45
40
35
30
25
20
15
10
5
0

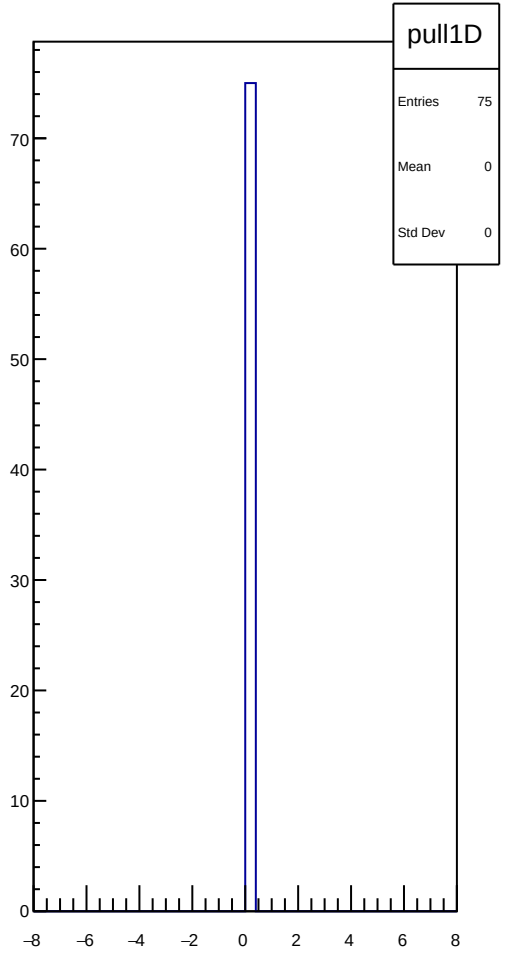

pull1D
Entries 75
Mean 4.569e−14
Std Dev1.037e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

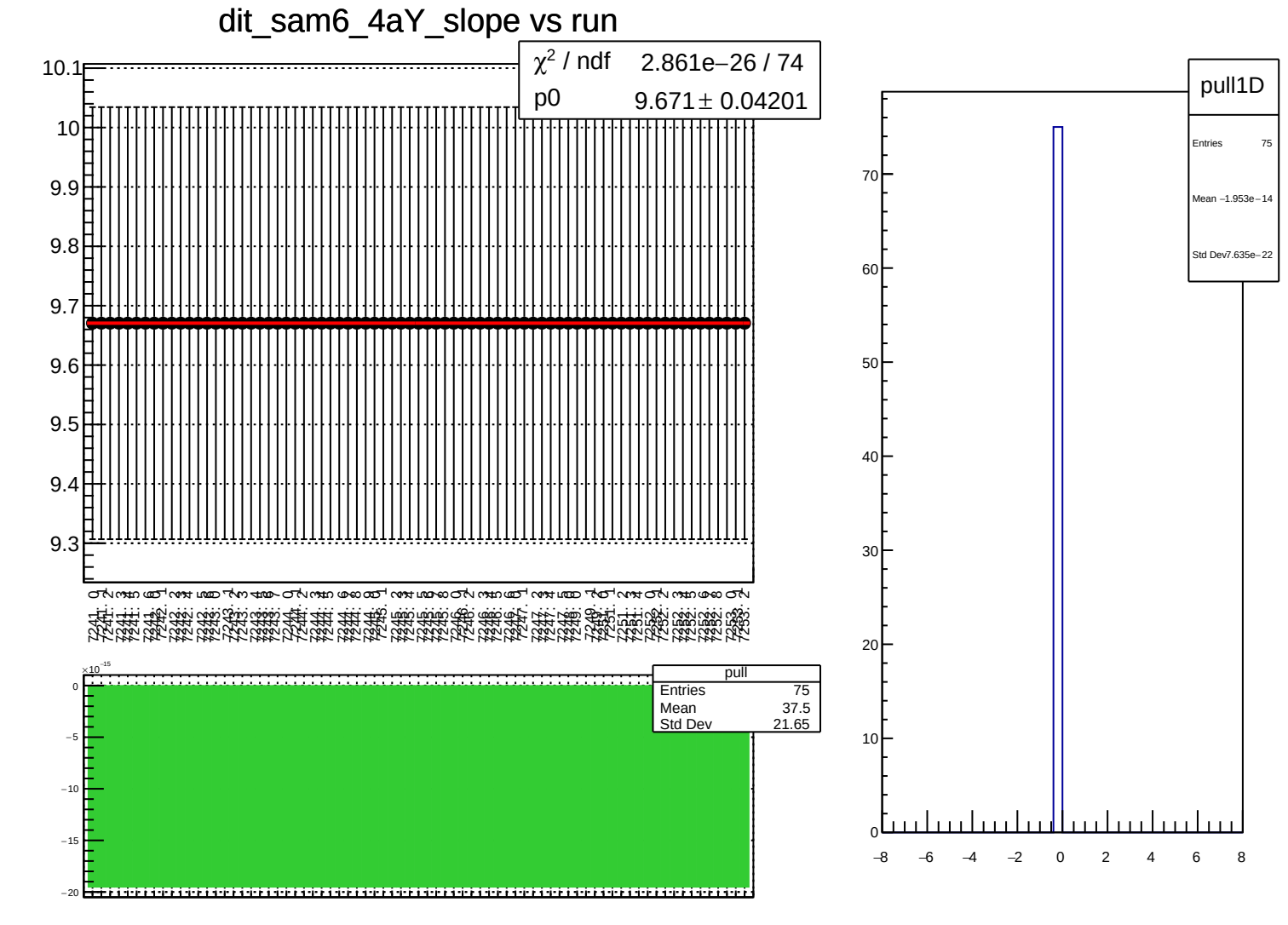

dit_sam6_4aX_slope vs run
χ^2 / ndf 3.779e−26 / 74
p0 36.37 ± 0.2559
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean −2.245e−14
Std Dev4.235e−22

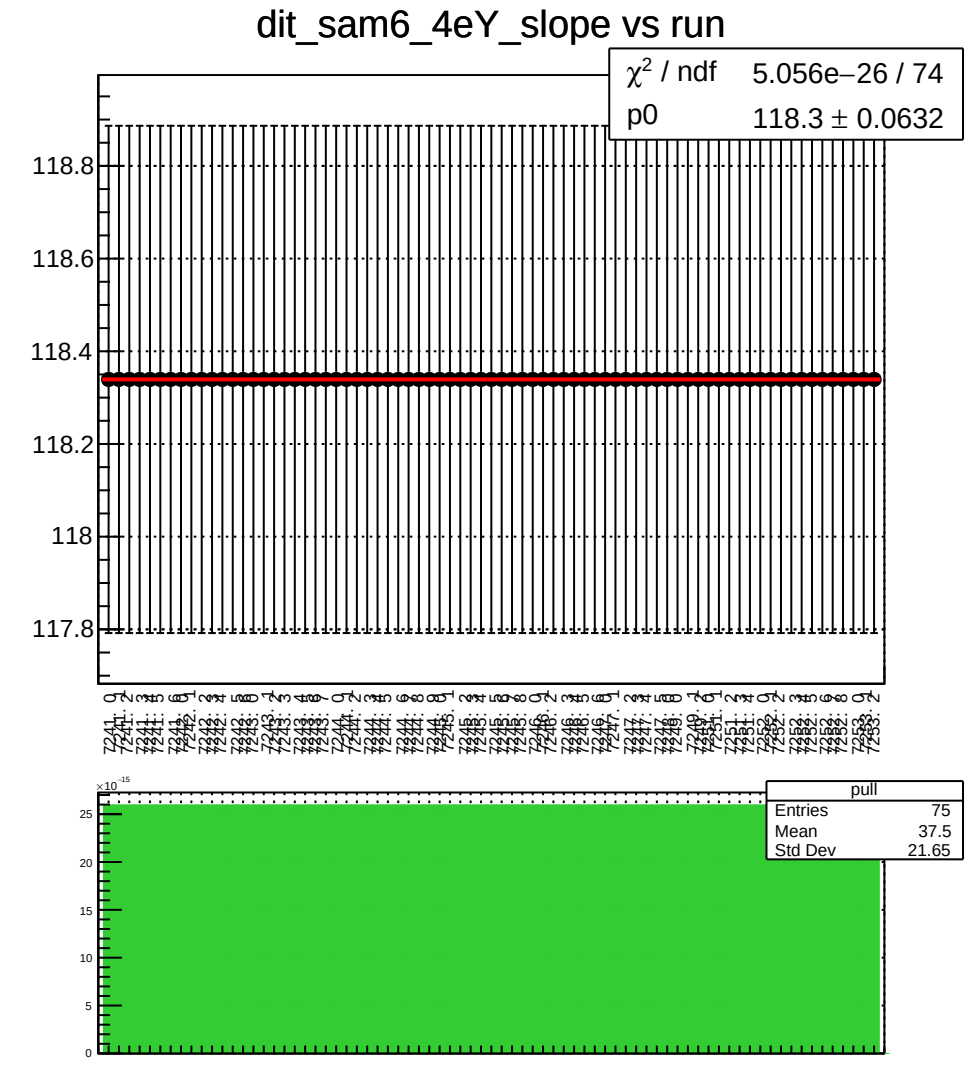

dit_sam6_4eX_slope vs run
χ^2 / ndf 6.782e−26 / 74
p0 49.65 ± 0.2183
51.5
51
50.5
50
49.5
49
48.5
48
47.5
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10^-15
30
25
20
15
10
5
0

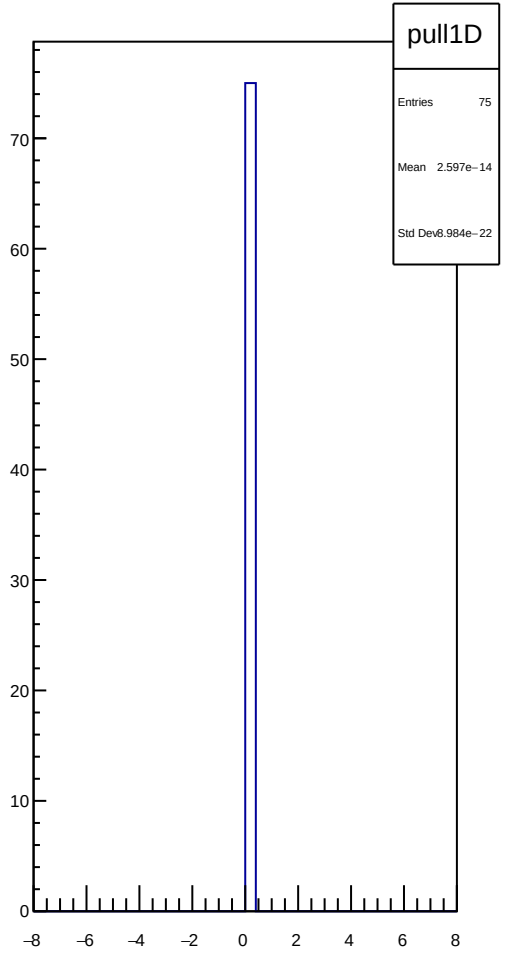

pull1D
Entries 75
Mean 3.007e−14
Std Dev1.198e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

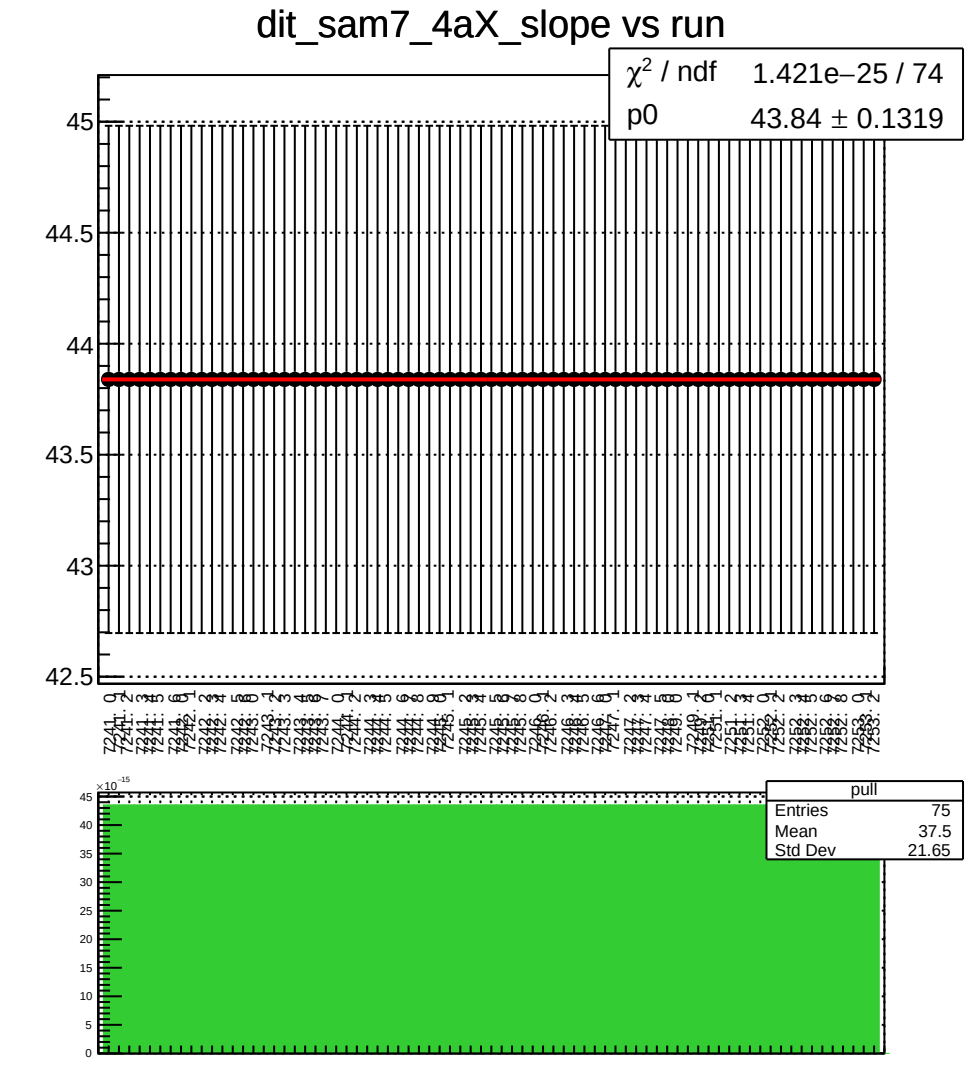

dit_sam6_11X12X_slope vs run
χ² / ndf 0 / 74
p0 0.7504 ± 0.003428
0.78
0.77
0.76
0.75
0.74
0.73
0.72
pull
Entries 75
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0

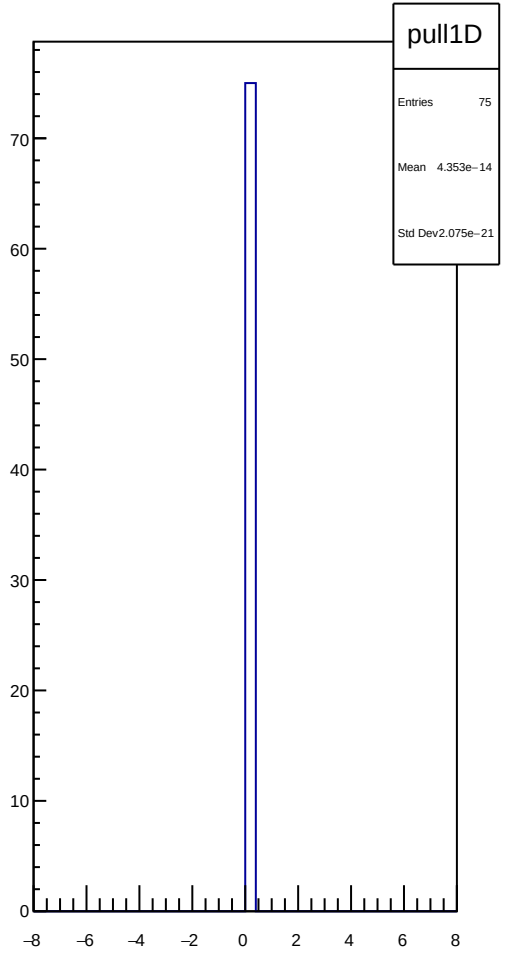

pull1D
Entries 75
Mean 0
Std Dev 0
70
60
50
40
30
20
10
0
–8
–6
–4
–2
0
2
4
6
8

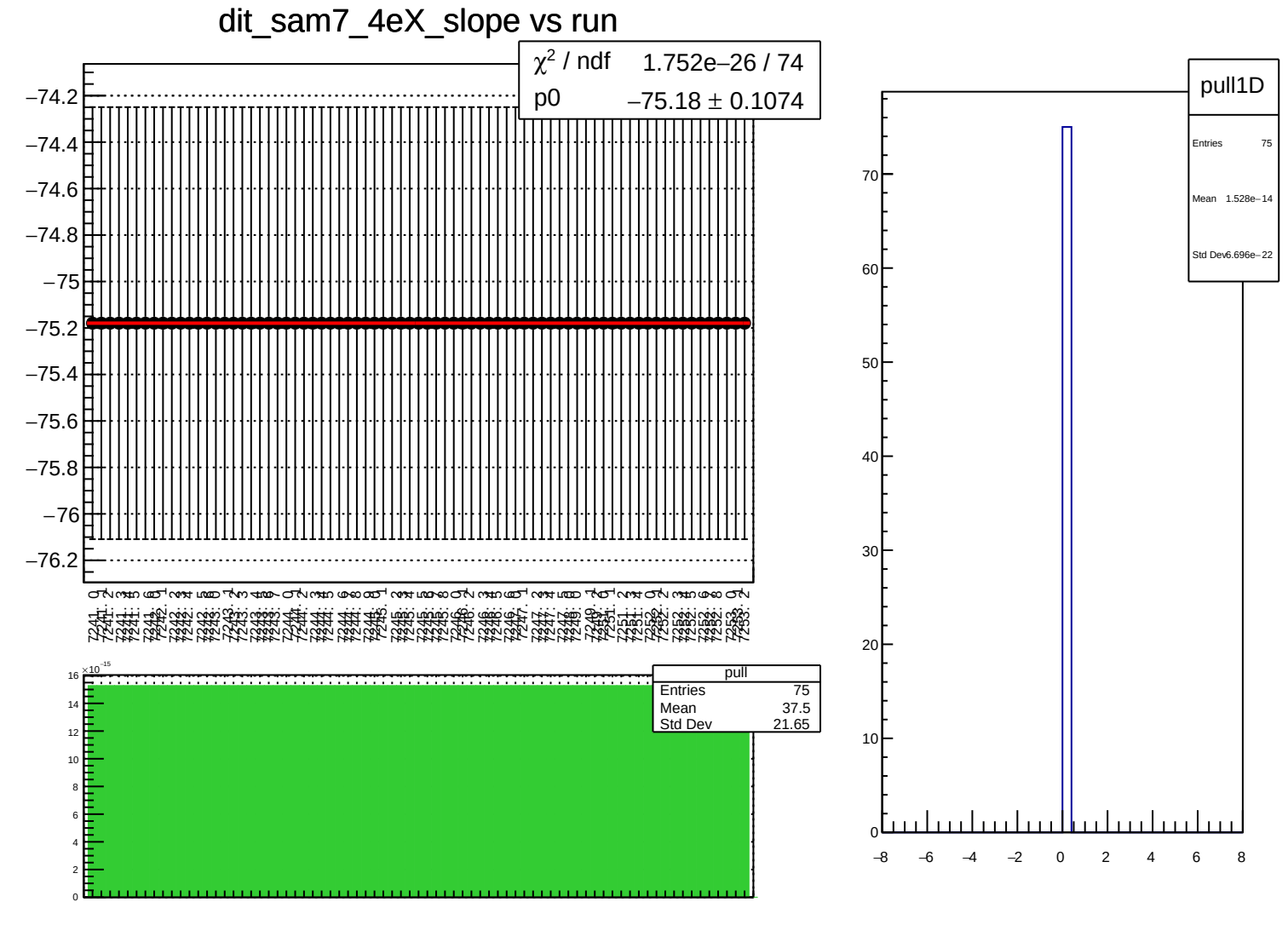

dit_sam6_4aY_slope vs run
χ^2 / ndf 2.861e−26 / 74
p0 9.671 ± 0.04201
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean −1.953e−14
Std Dev7.635e−22

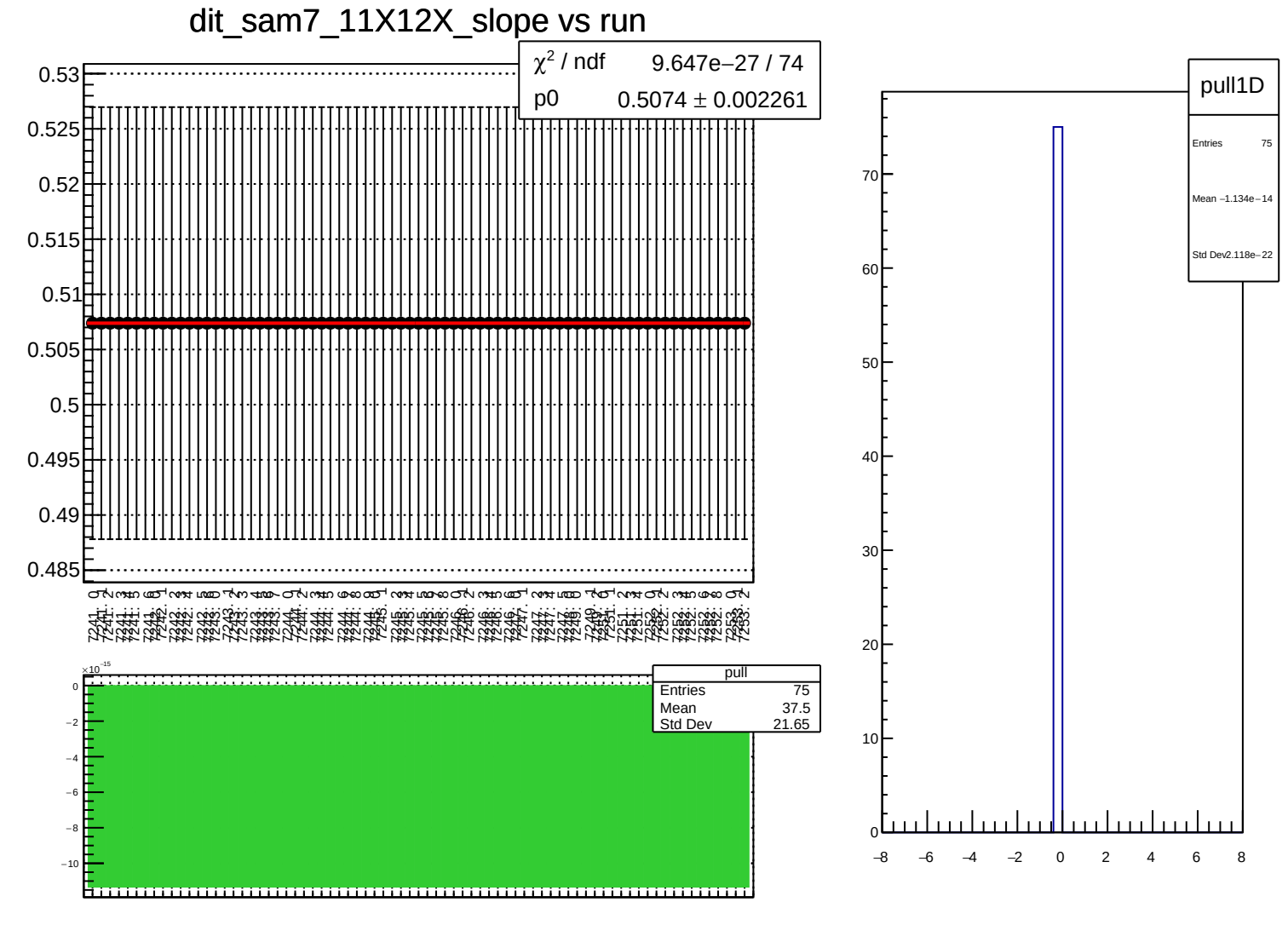

dit_sam6_4eY_slope vs run
χ^2 / ndf 5.056e−26 / 74
p0 118.3 ± 0.0632
118.8
118.6
118.4
118.2
118
117.8
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10^-15
25
20
15
10
5
0

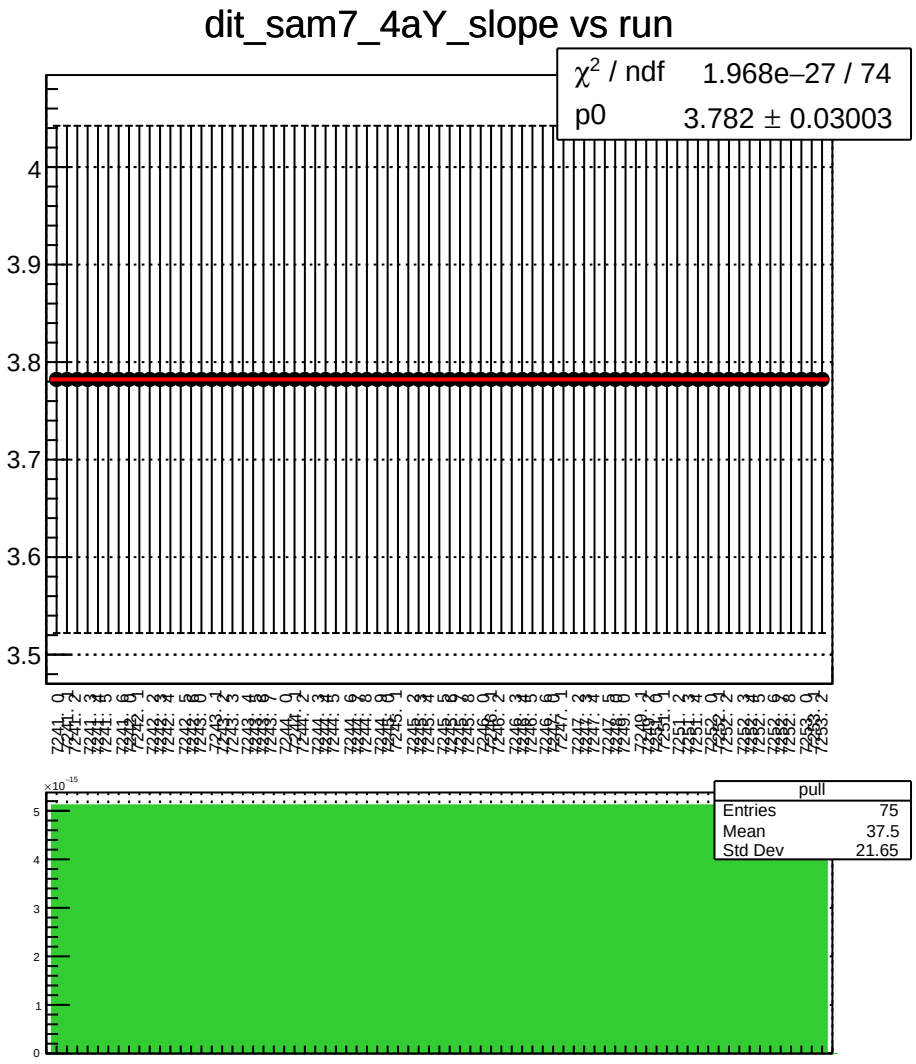

pull1D
Entries 75
Mean 2.597e−14
Std Dev 8.984e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

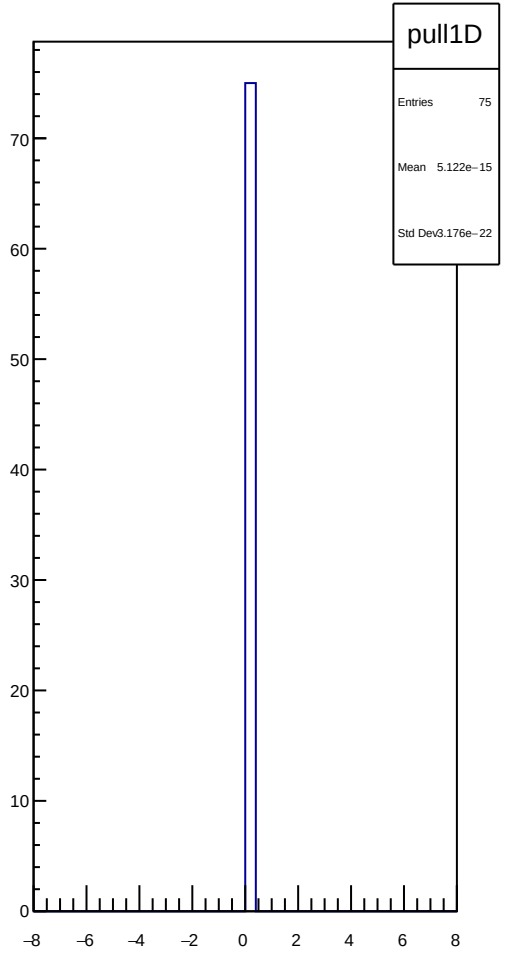

dit_sam7_4aX_slope vs run
χ² / ndf 1.421e−25 / 74
p0 43.84 ± 0.1319
45
44.5
44
43.5
43
42.5
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
45
40
35
30
25
20
15
10
5
0

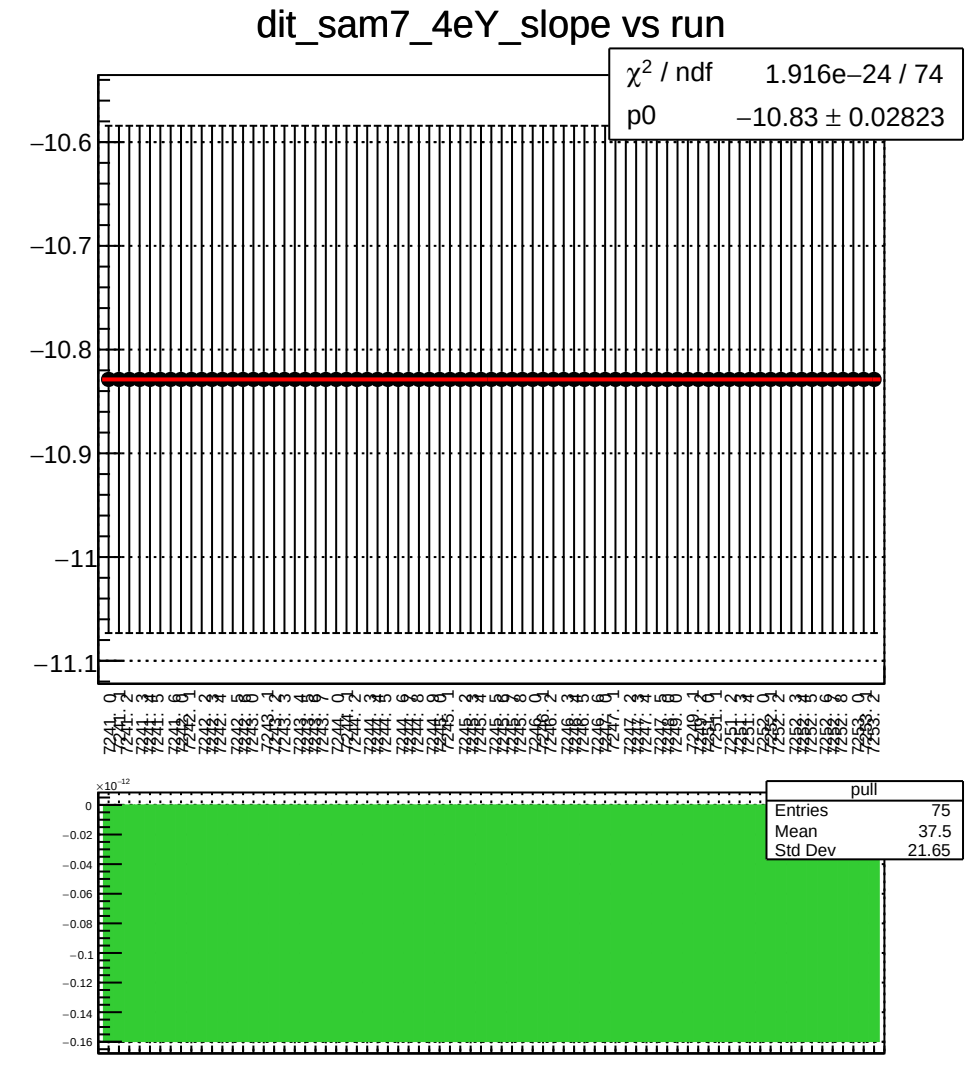

pull1D
Entries 75
Mean 4.353e−14
Std Dev2.075e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

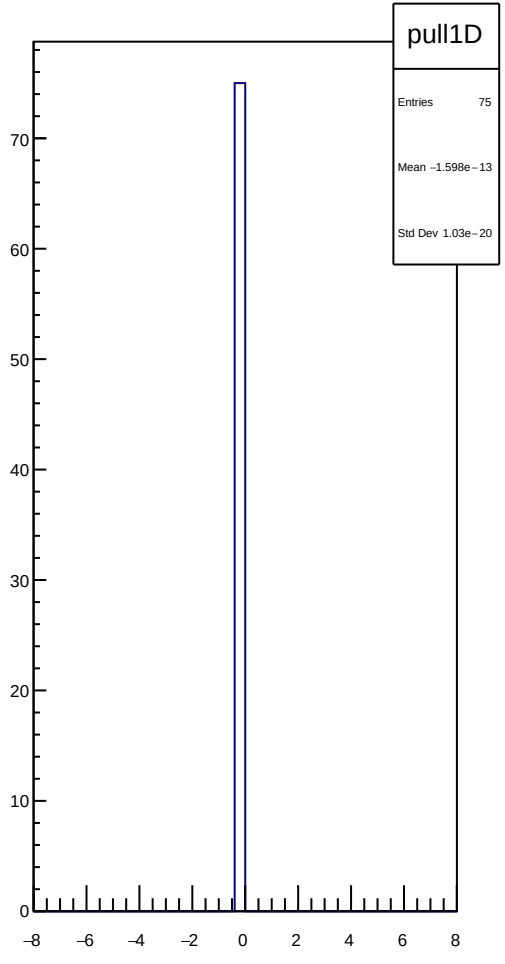

dit_sam7_4eX_slope vs run
χ² / ndf 1.752e−26 / 74
p0 −75.18 ± 0.1074
−74.2
−74.4
−74.6
−74.8
−75
−75.2
−75.4
−75.6
−75.8
−76
−76.2
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
pull1D
Entries 75
Mean 1.528e−14
Std Dev 6.696e−22

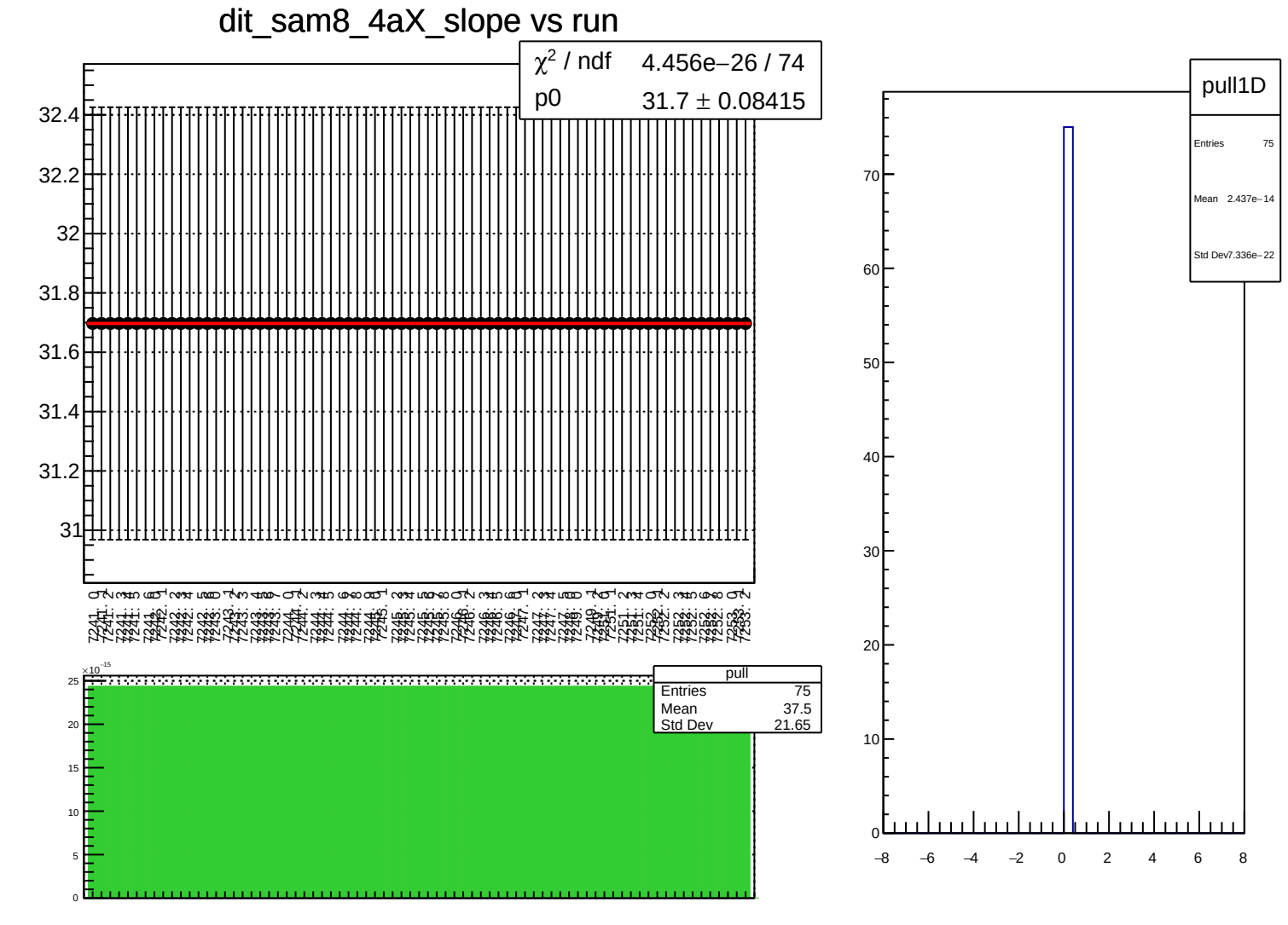

dit_sam7_11X12X_slope vs run
χ² / ndf 9.647e−27 / 74
p0 0.5074 ± 0.002261
0.53
0.525
0.52
0.515
0.51
0.505
0.5
0.495
0.49
0.485
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
0
−2
−4
−6
−8
−10
pull1D
Entries 75
Mean −1.134e−14
Std Dev 2.118e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

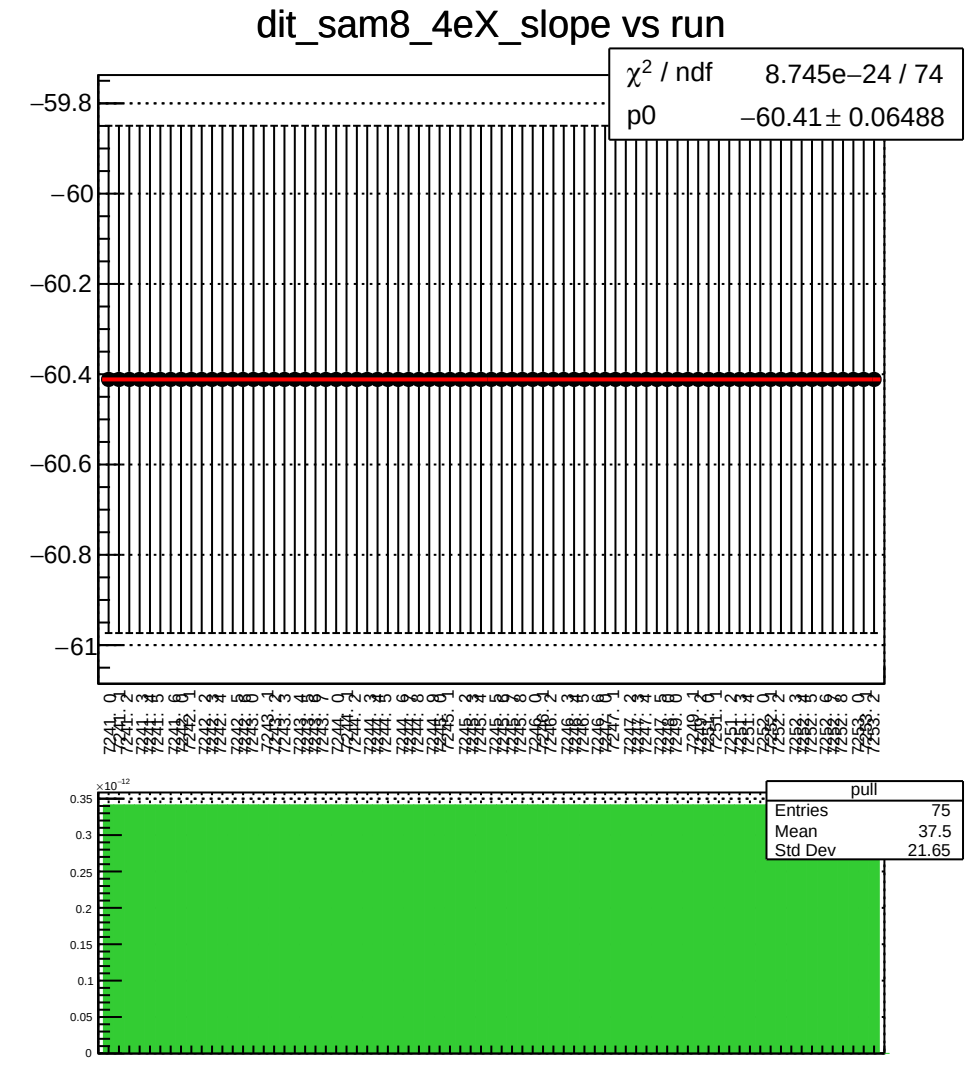

dit_sam7_4aY_slope vs run
χ² / ndf 1.968e−27 / 74
p0 3.782 ± 0.03003
4
3.9
3.8
3.7
3.6
3.5
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
5
4
3
2
1
0

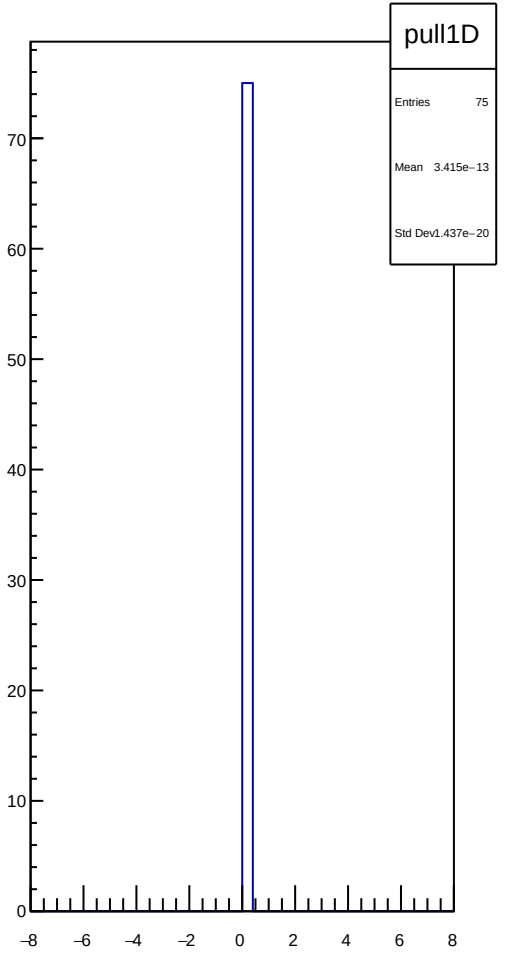

pull1D
Entries 75
Mean 5.122e−15
Std Dev 3.176e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

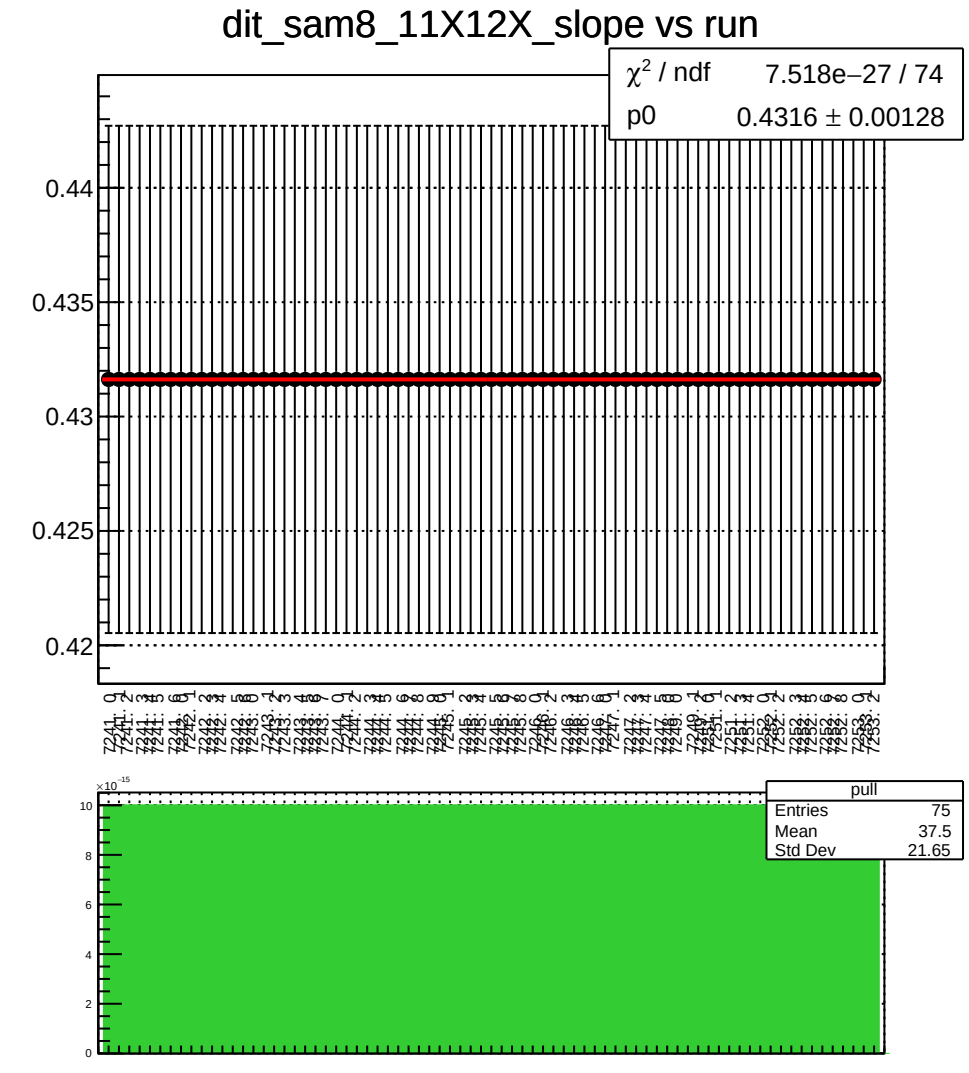

dit_sam7_4eY_slope vs run
χ² / ndf 1.916e−24 / 74
p0 −10.83 ± 0.02823
−10.6
−10.7
−10.8
−10.9
−11
−11.1
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
−0.14
−0.16

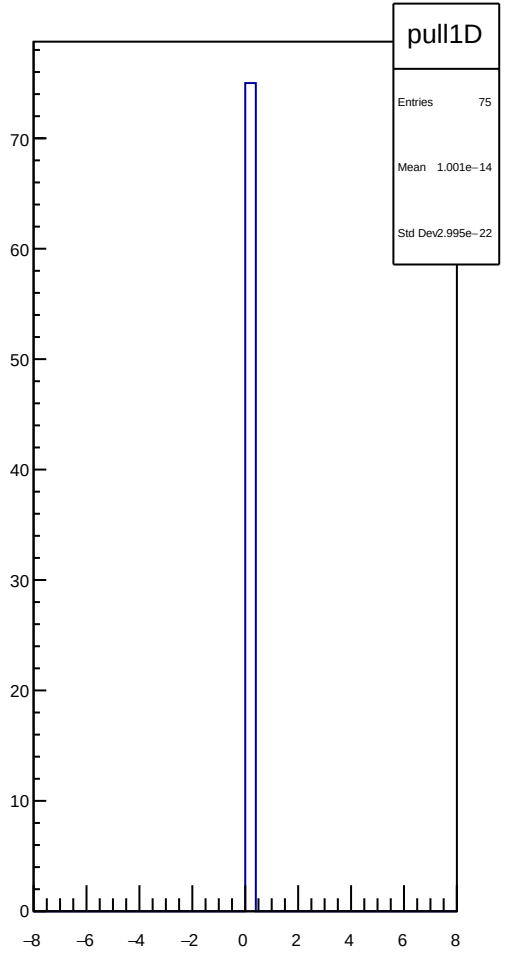

pull1D
Entries 75
Mean −1.598e−13
Std Dev 1.03e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

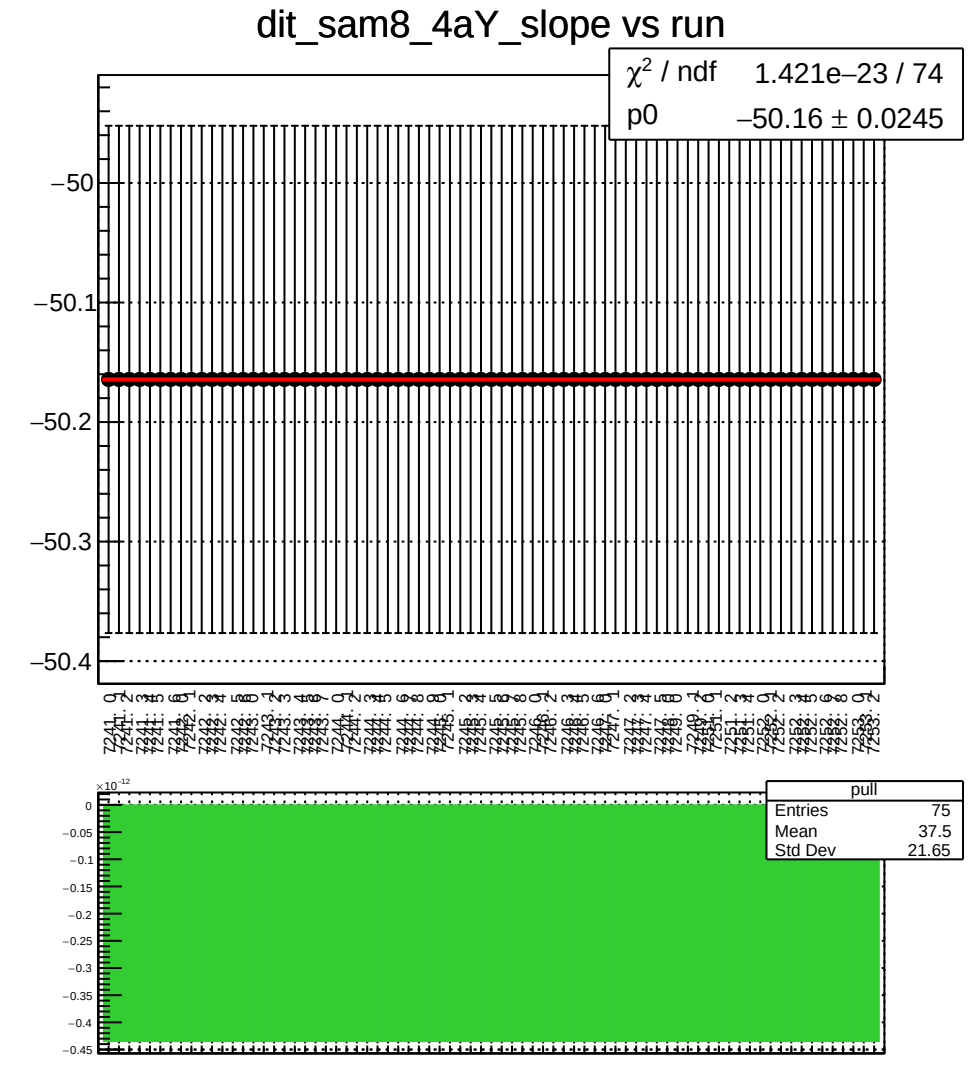

dit_sam8_4aX_slope vs run
χ² / ndf 4.456e−26 / 74
p0 31.7 ± 0.08415
32.4
32.2
32
31.8
31.6
31.4
31.2
31
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
25
20
15
10
5
0
pull1D
Entries 75
Mean 2.437e−14
Std Dev7.336e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

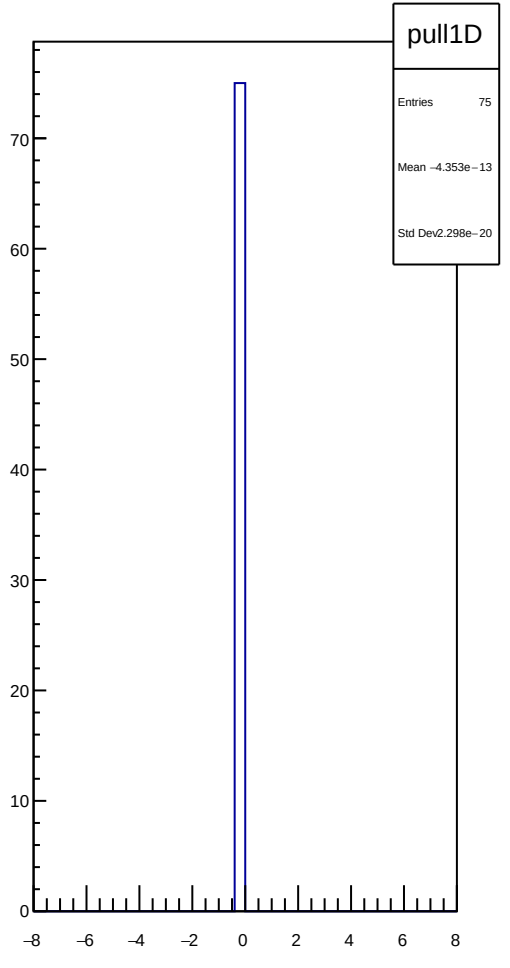

dit_sam8_4eX_slope vs run
χ² / ndf 8.745e−24 / 74
p0 −60.41 ± 0.06488
−59.8
−60
−60.2
−60.4
−60.6
−60.8
−61
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0

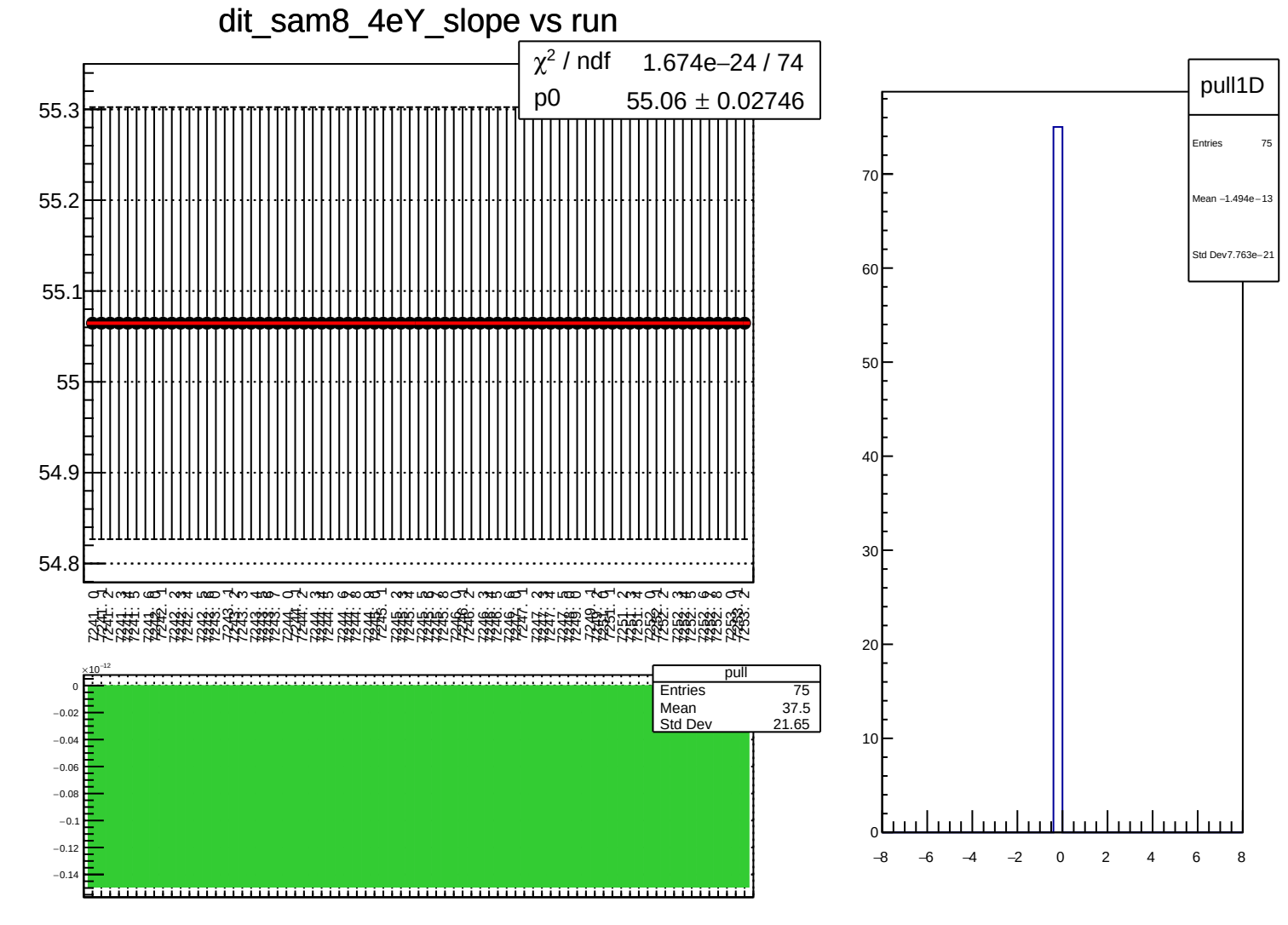

pull1D
Entries 75
Mean 3.415e−13
Std Dev1.437e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

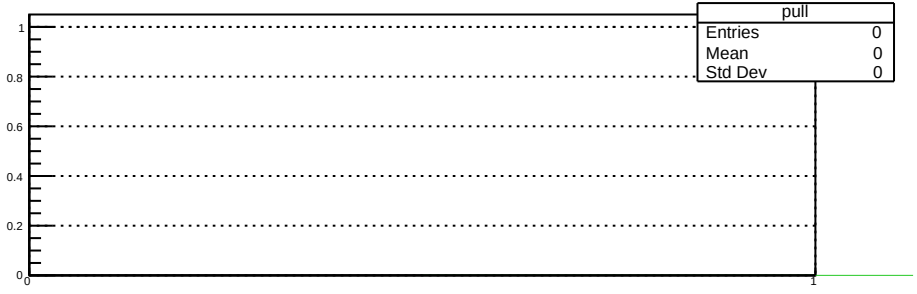

dit_sam8_11X12X_slope vs run
χ² / ndf 7.518e−27 / 74
p0 0.4316 ± 0.00128
0.44
0.435
0.43
0.425
0.42
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹⁵
10
8
6
4
2
0

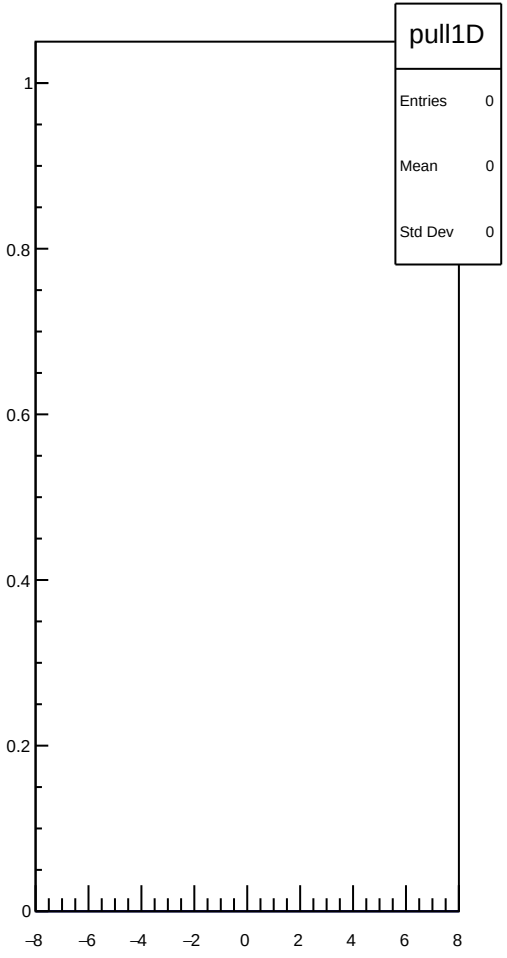

pull1D
Entries 75
Mean 1.001e−14
Std Dev 2.995e−22
70
60
50
40
30
20
10
0
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−6
−4
−2
0
2
4
6
8

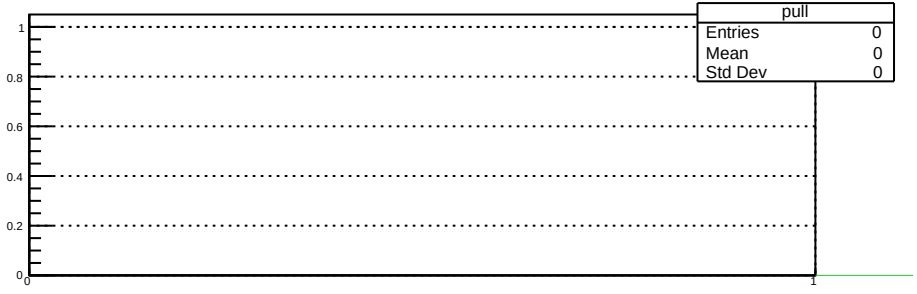

dit_sam8_4aY_slope vs run
χ² / ndf 1.421e−23 / 74
p0 −50.16 ± 0.0245
−50
−50.1
−50.2
−50.3
−50.4
pull
Entries 75
Mean 37.5
Std Dev 21.65
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3
−0.35
−0.4
−0.45

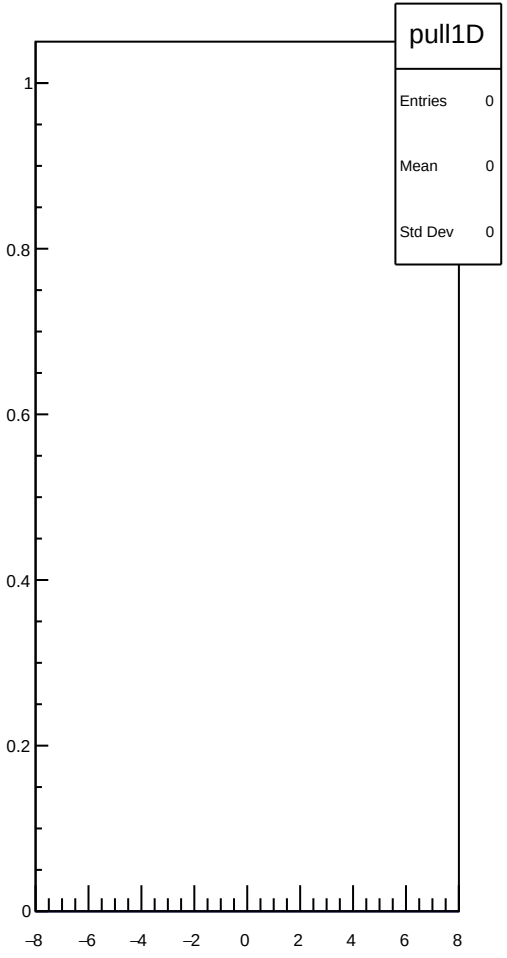

pull1D
Entries 75
Mean −4.353e−13
Std Dev 2.298e−20
70
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50
40
30
20
10
0
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−6
−4
−2
0
2
4
6
8

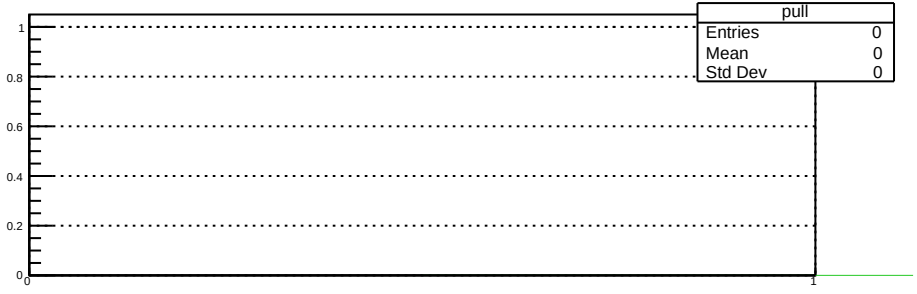

dit_sam8_4eY_slope vs run
χ² / ndf 1.674e−24 / 74
p0 55.06 ± 0.02746
55.3
55.2
55.1
55
54.9
54.8
pull
Entries 75
Mean 37.5
Std Dev 21.65
pull1D
Entries 75
Mean −1.494e−13
Std Dev7.763e−21

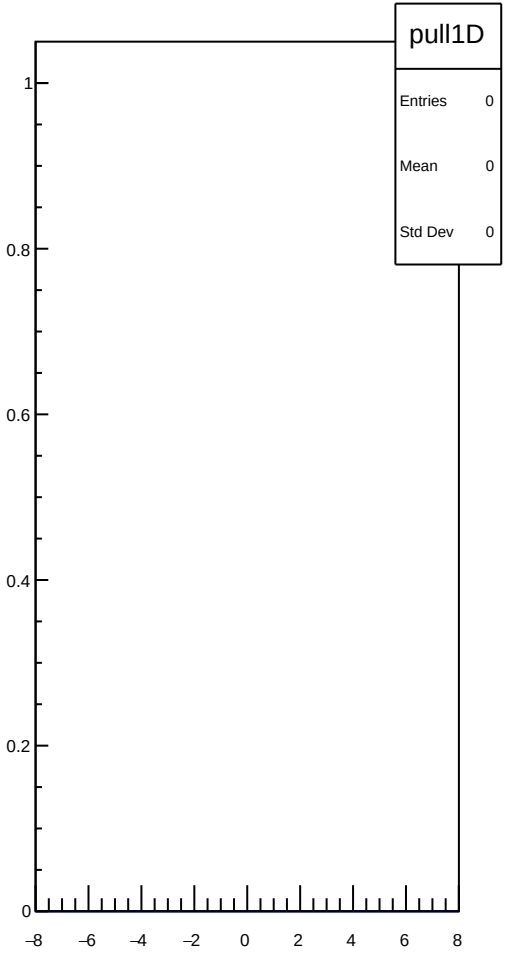

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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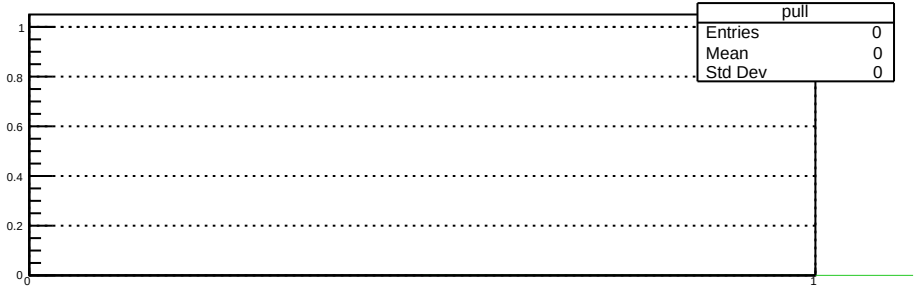

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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4
6
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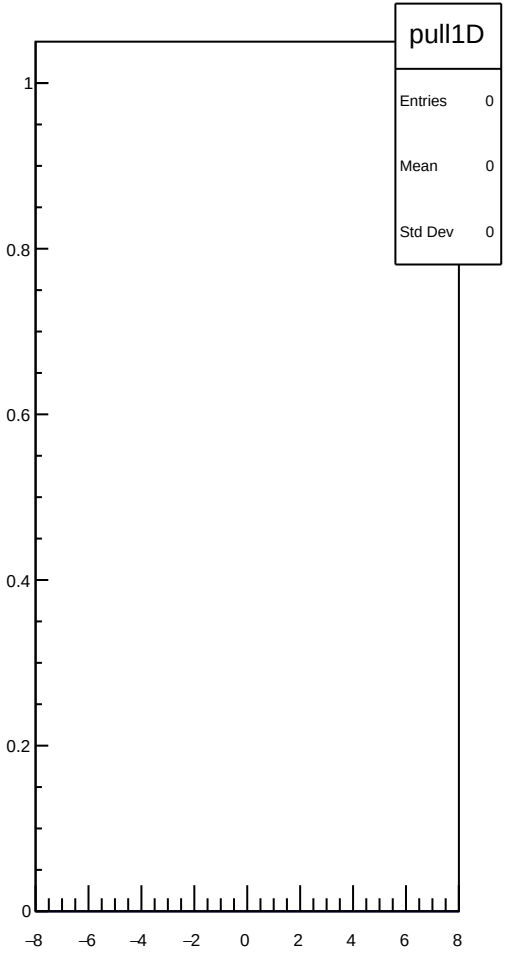

pull
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Mean 0
Std Dev 0
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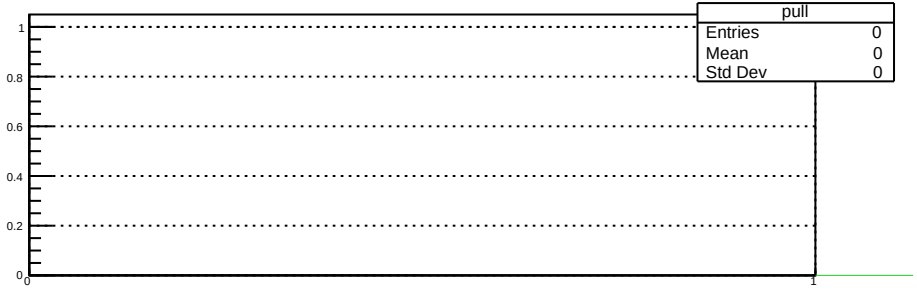

pull1D
Entries 0
Mean 0
Std Dev 0
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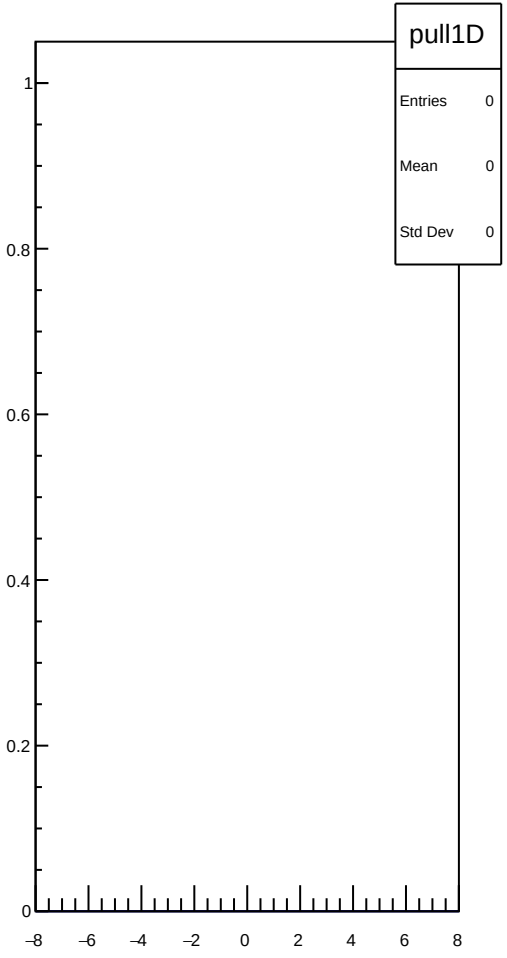

pull
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Std Dev 0
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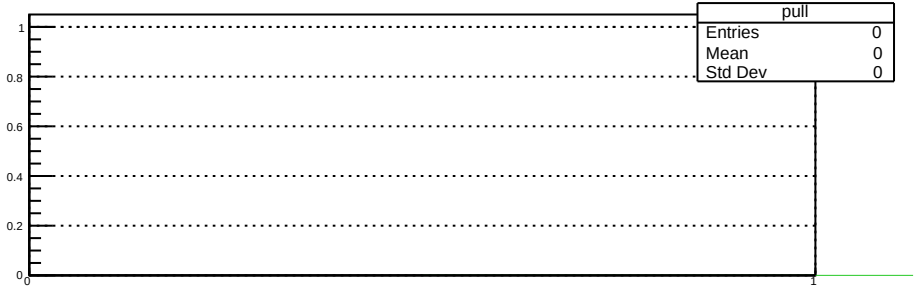

pull1D
Entries 0
Mean 0
Std Dev 0
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0.4
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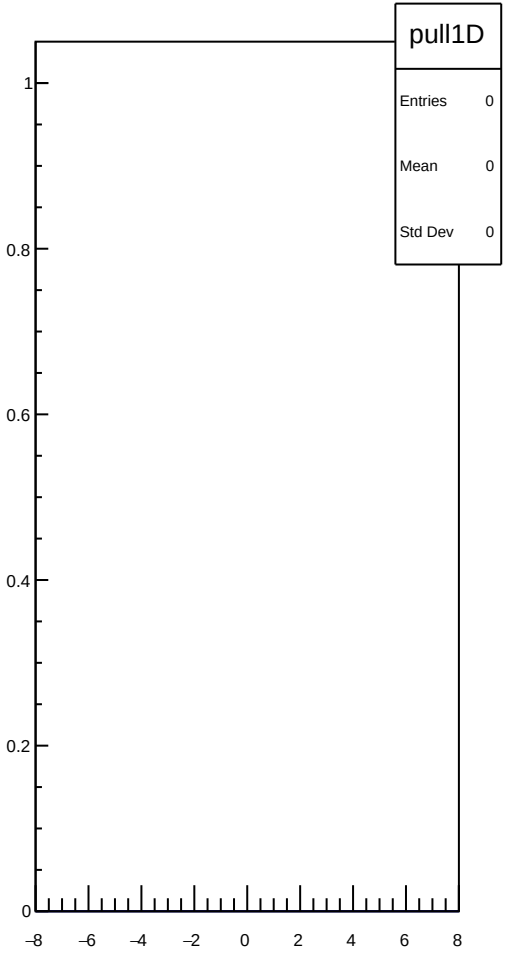

pull
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Mean 0
Std Dev 0
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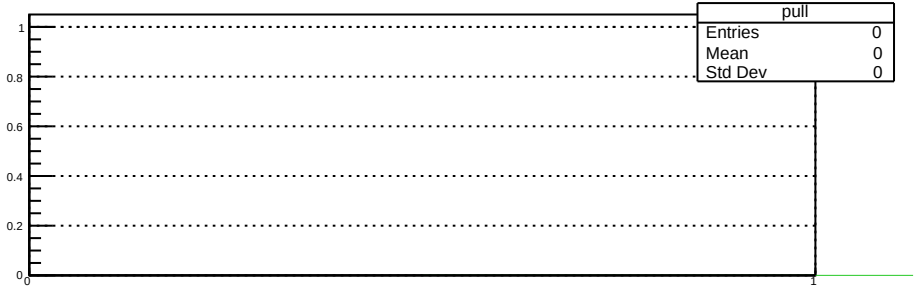

pull1D
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Mean 0
Std Dev 0
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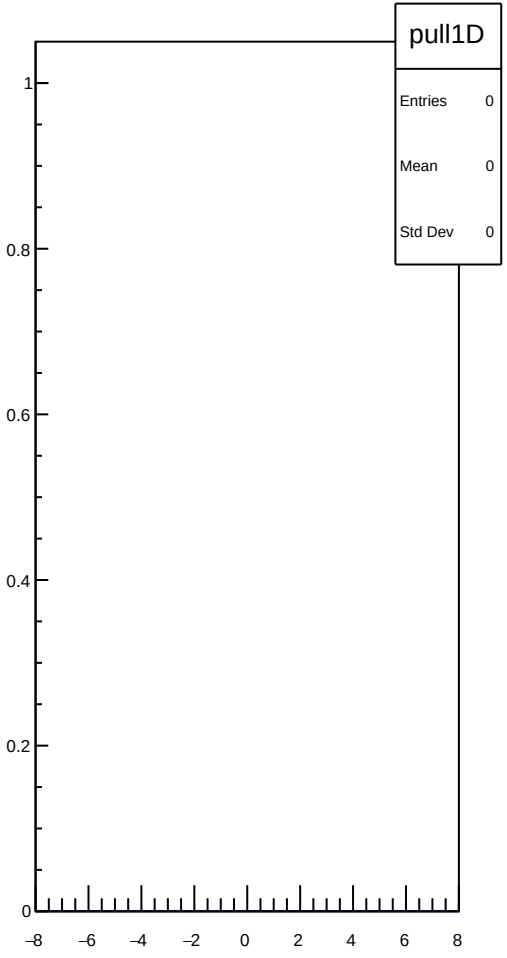

pull
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Std Dev 0
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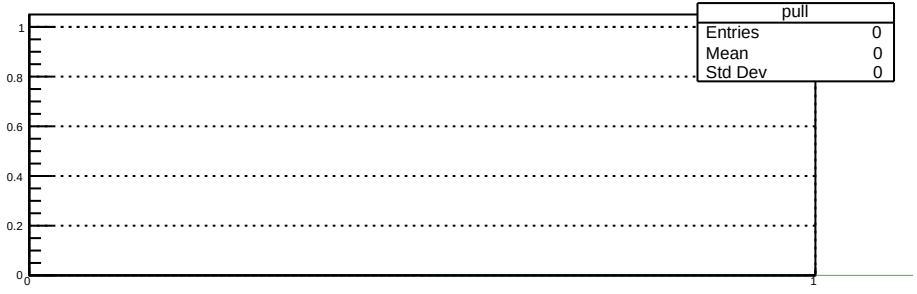

pull1D
Entries 0
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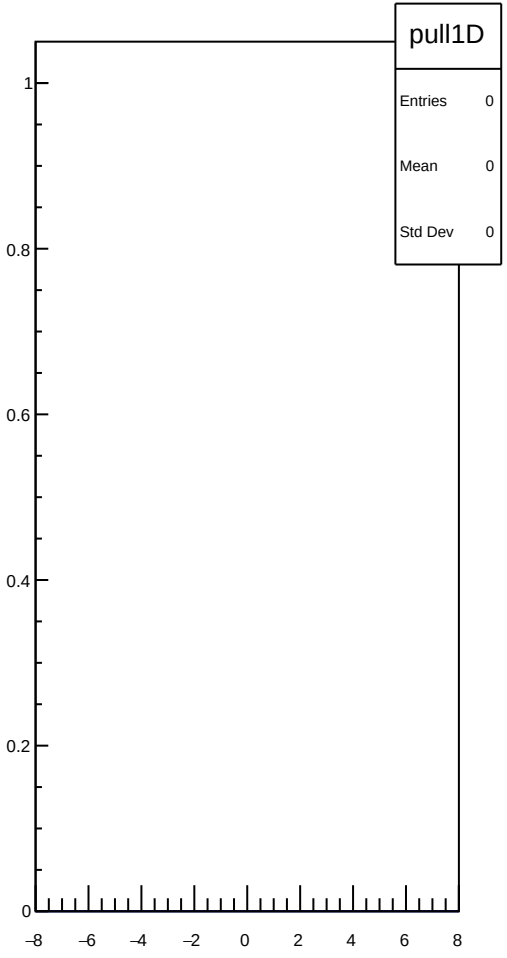

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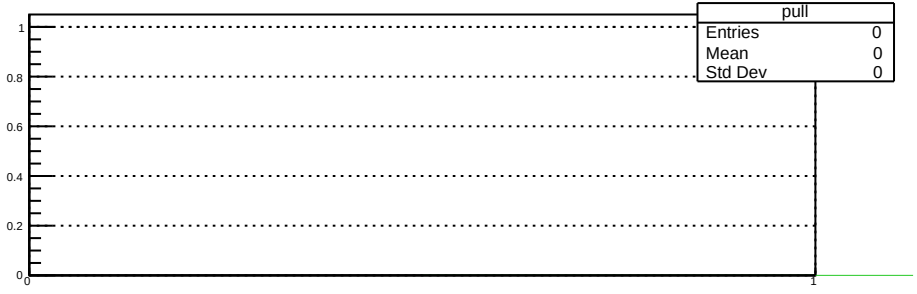

pull1D
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Std Dev 0
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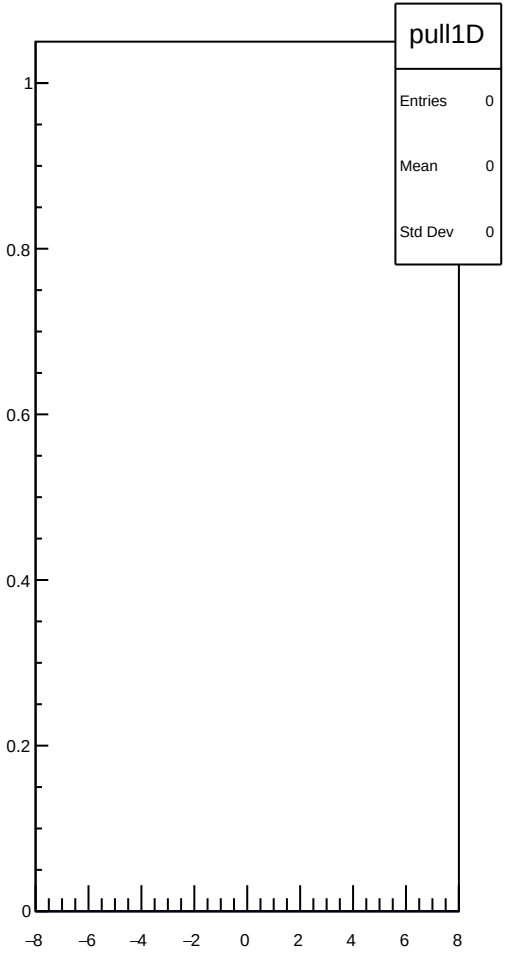

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Std Dev 0
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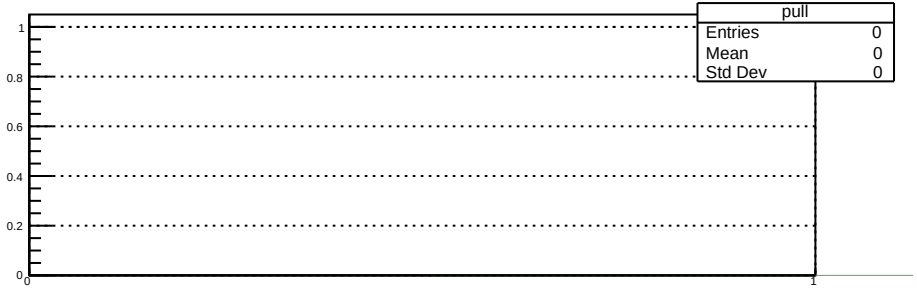

pull1D
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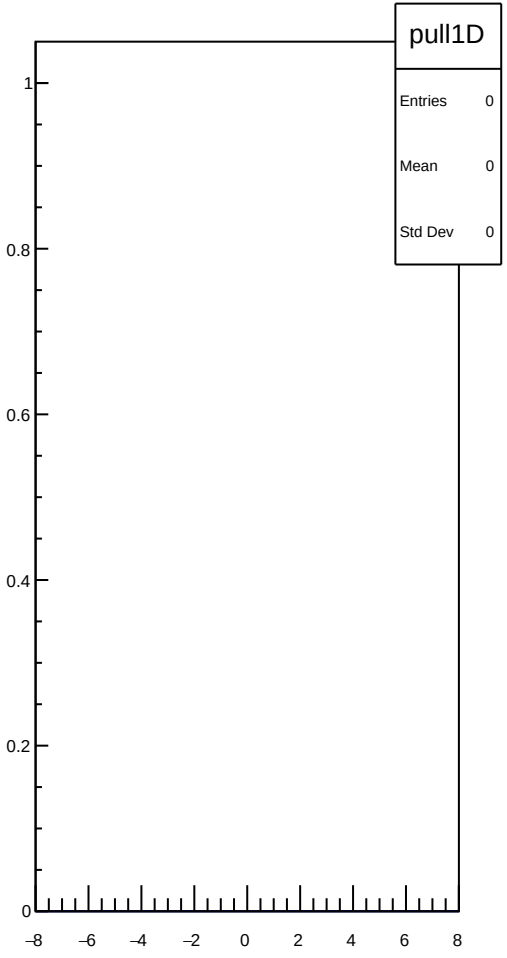

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Std Dev 0
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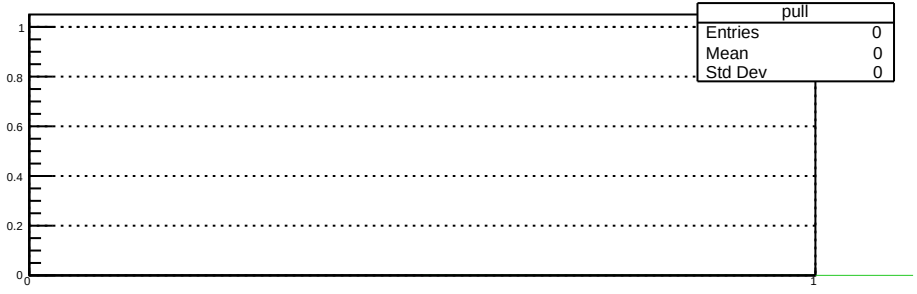

pull1D
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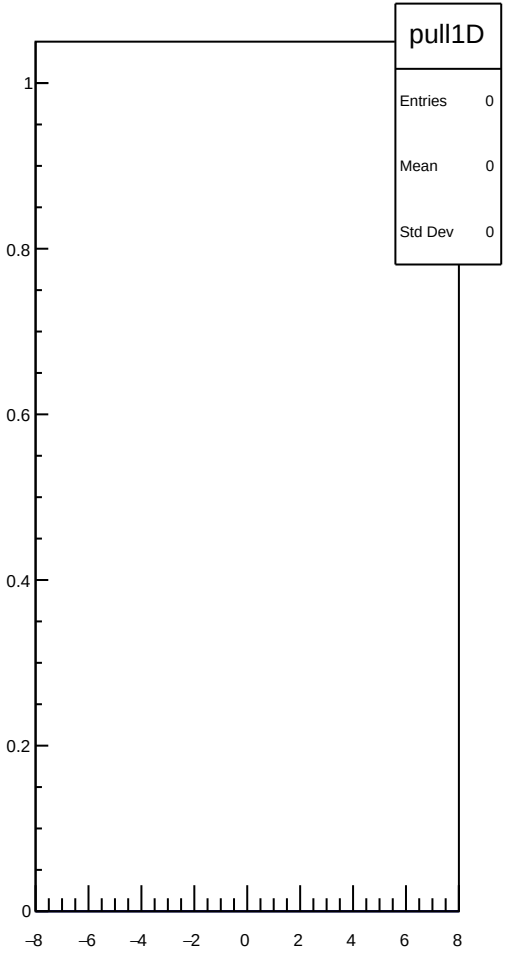

pull
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Std Dev 0
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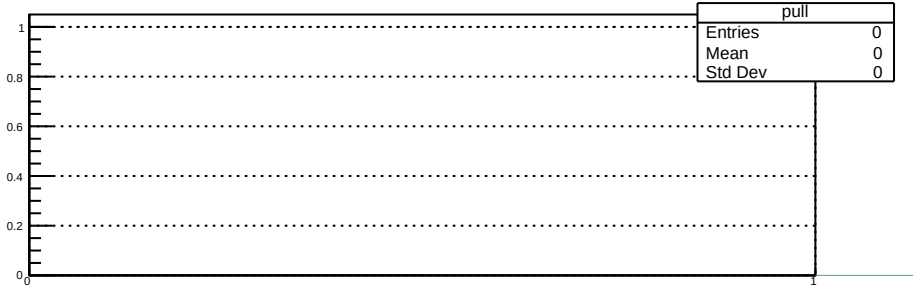

pull1D
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Std Dev 0
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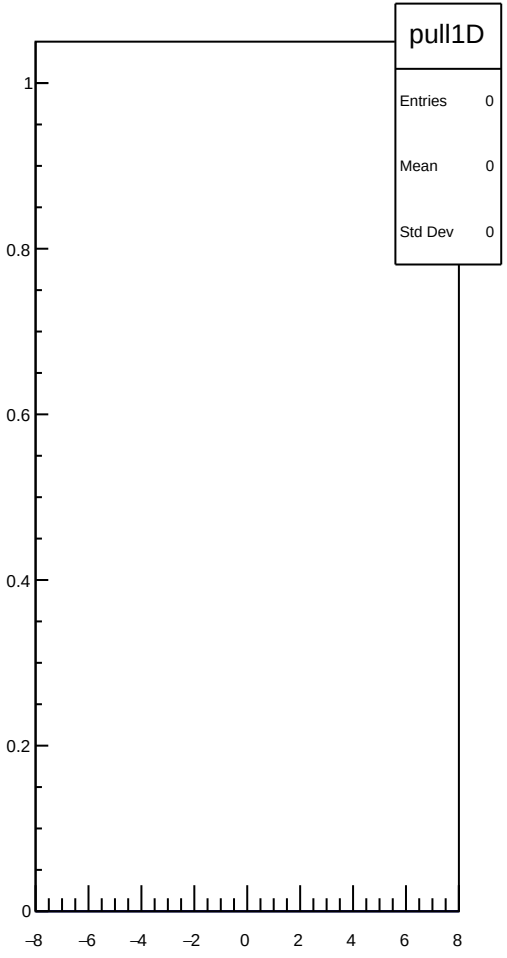

pull
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Std Dev 0
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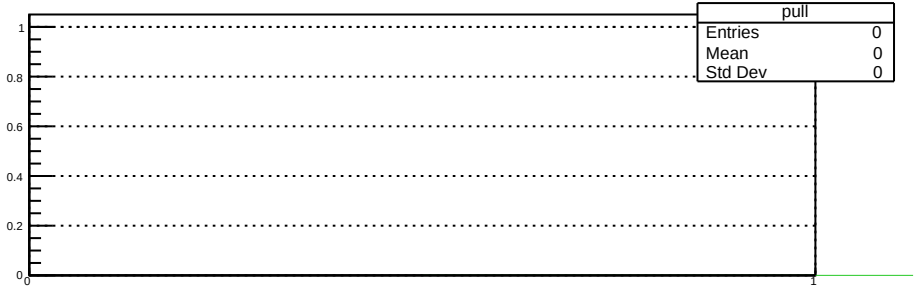

pull1D
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Std Dev 0
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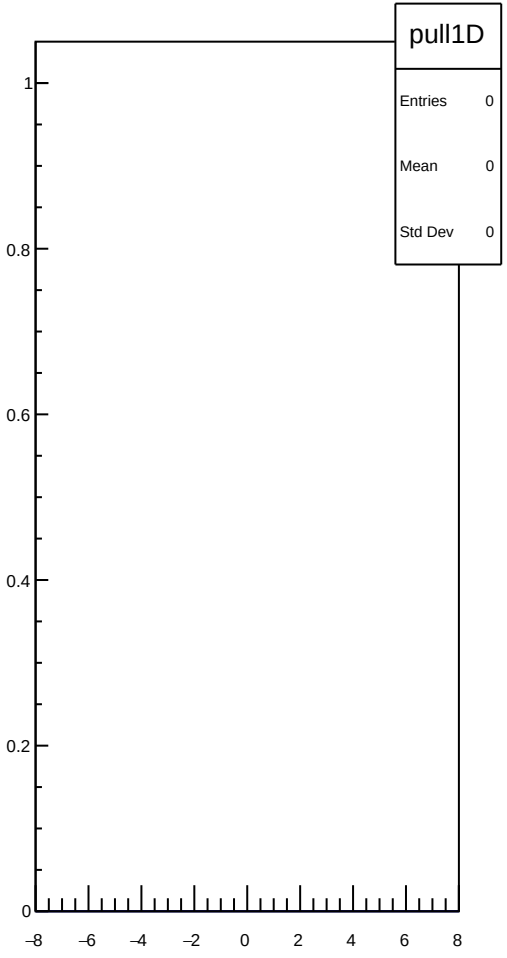

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Std Dev 0
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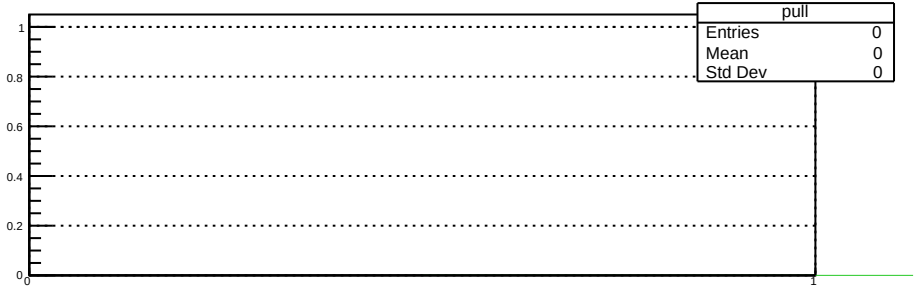

pull1D
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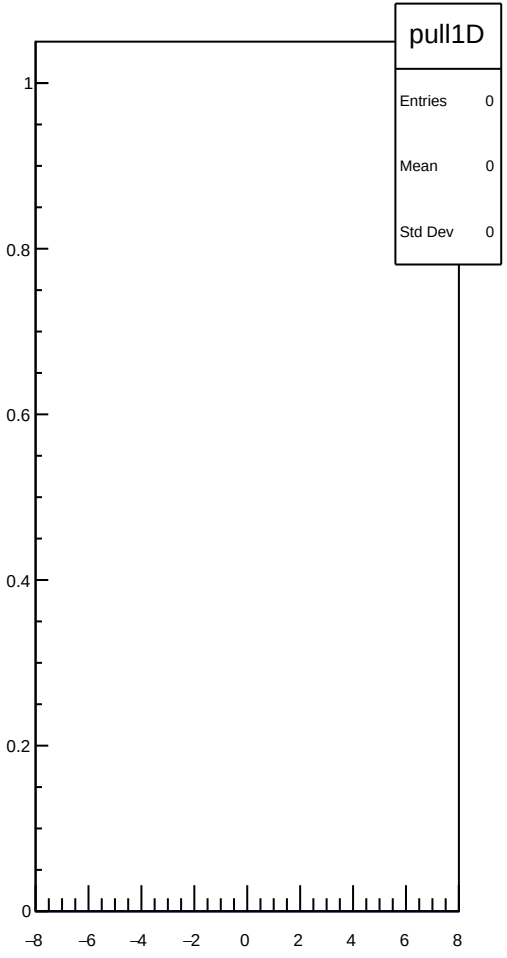

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Std Dev 0
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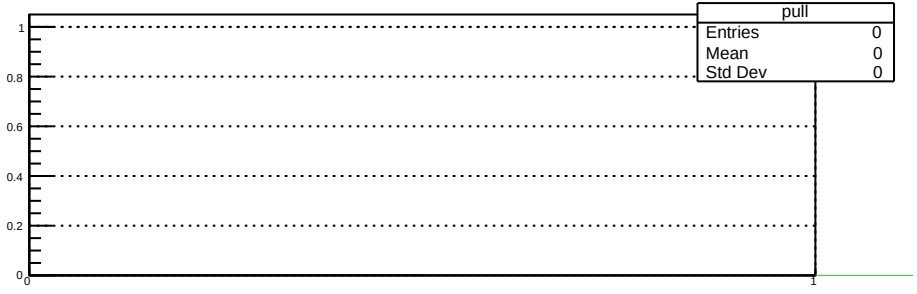

pull1D
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Std Dev 0
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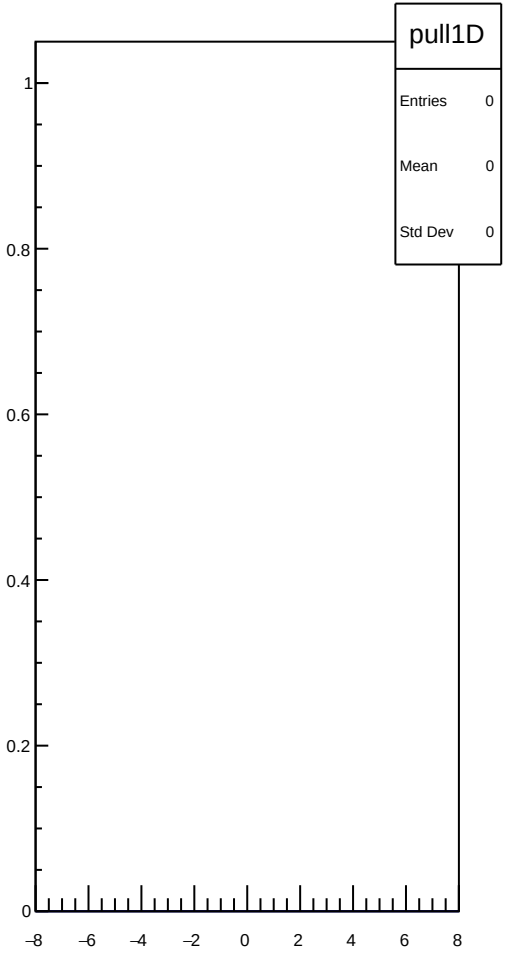

pull
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Mean 0
Std Dev 0
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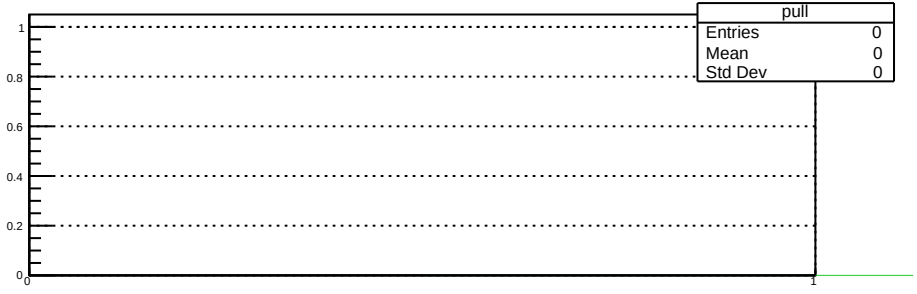

pull1D
Entries 0
Mean 0
Std Dev 0
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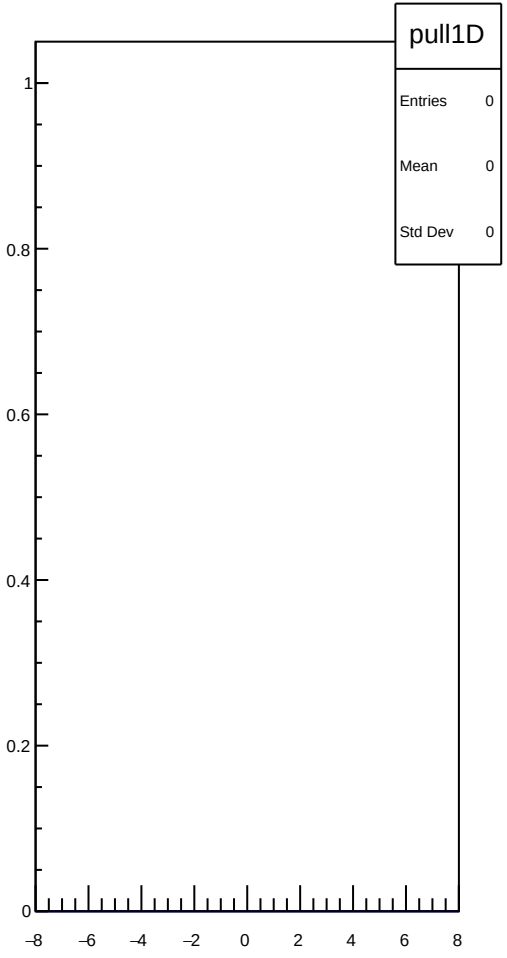

pull
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Mean 0
Std Dev 0
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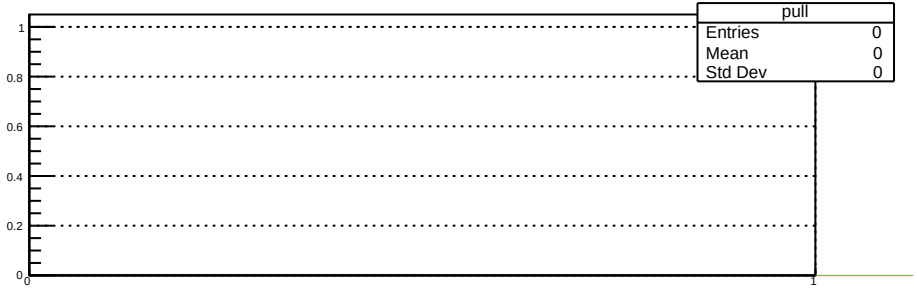

pull1D
Entries 0
Mean 0
Std Dev 0
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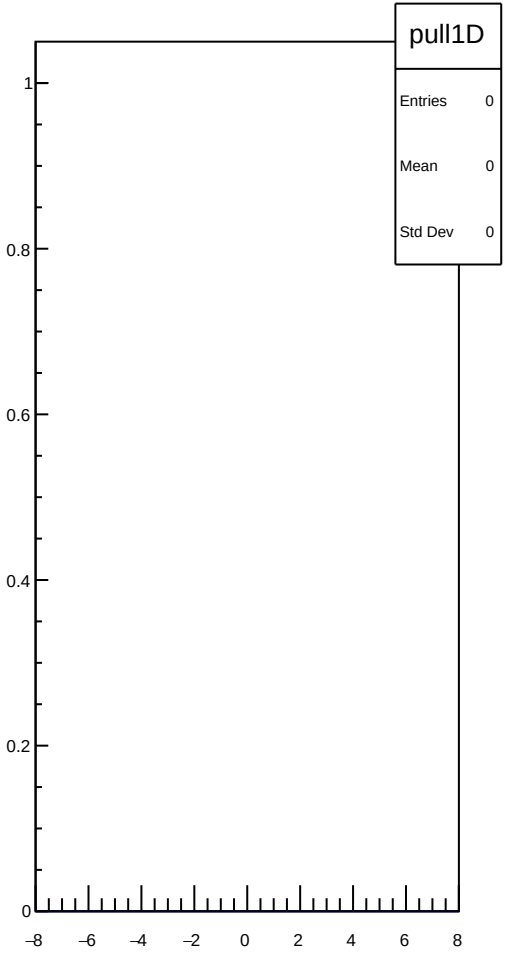

pull
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Std Dev 0
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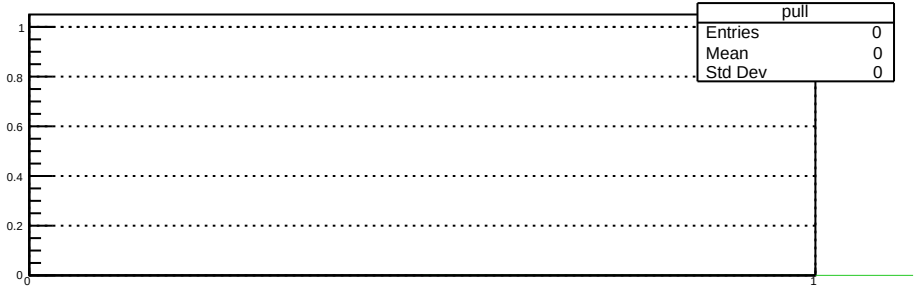

pull1D
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Mean 0
Std Dev 0
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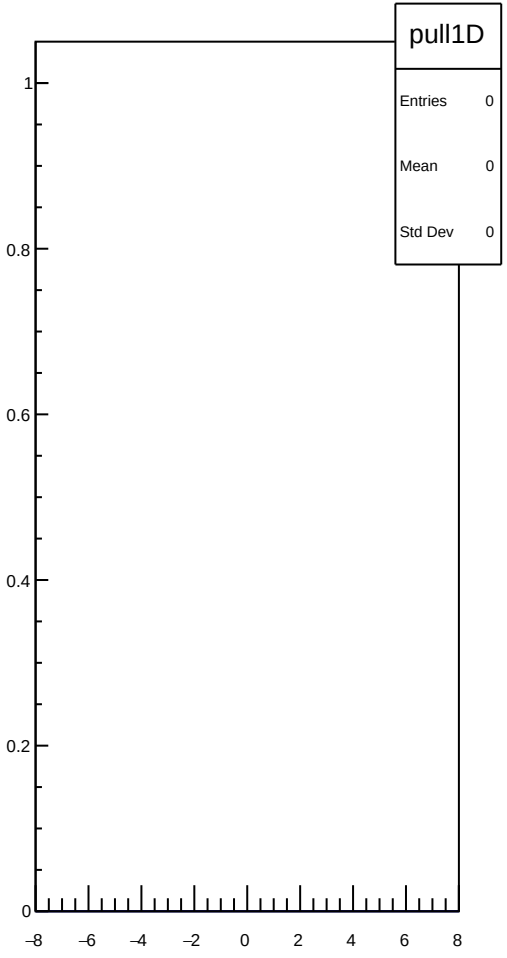

pull
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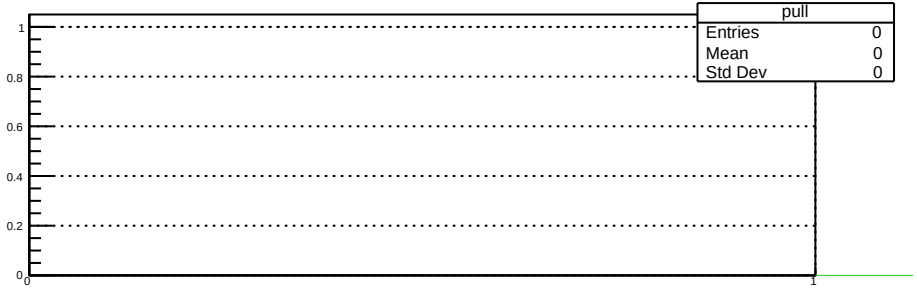

pull1D
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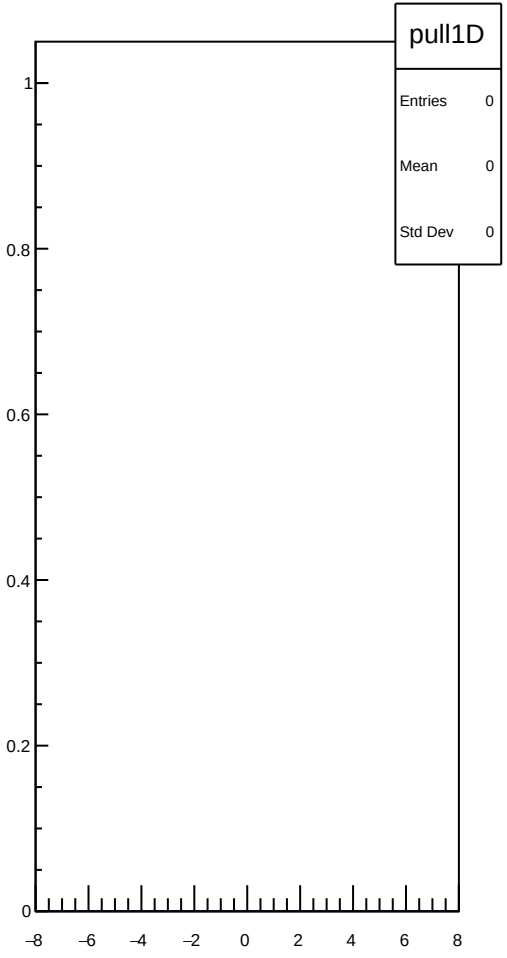

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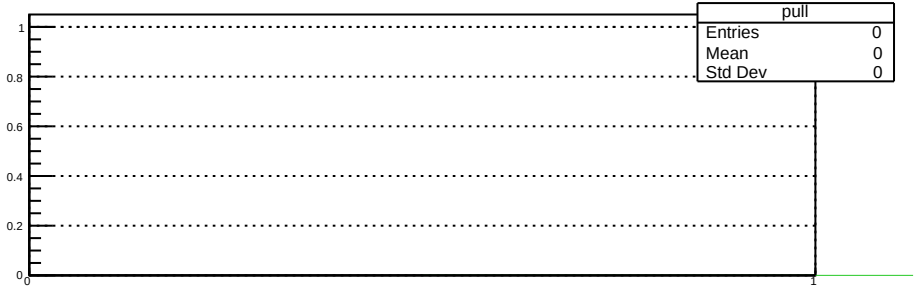

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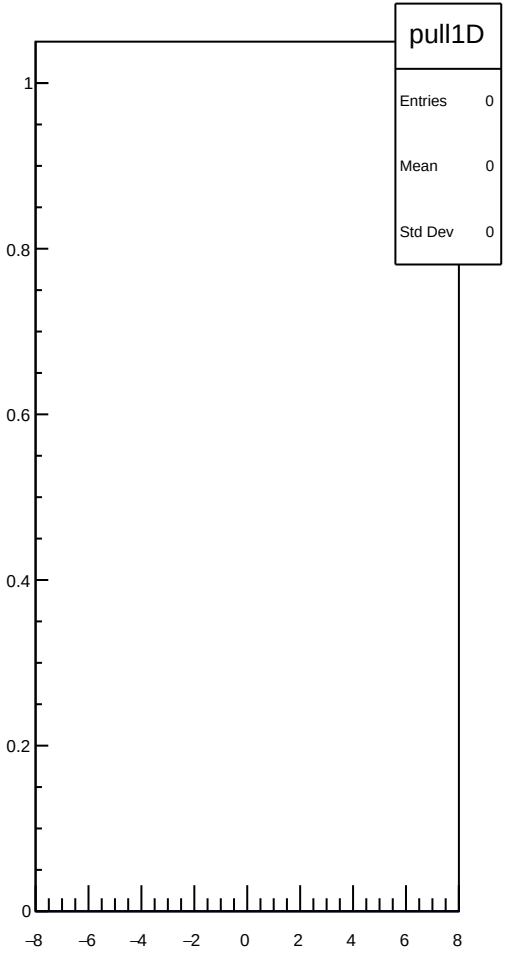

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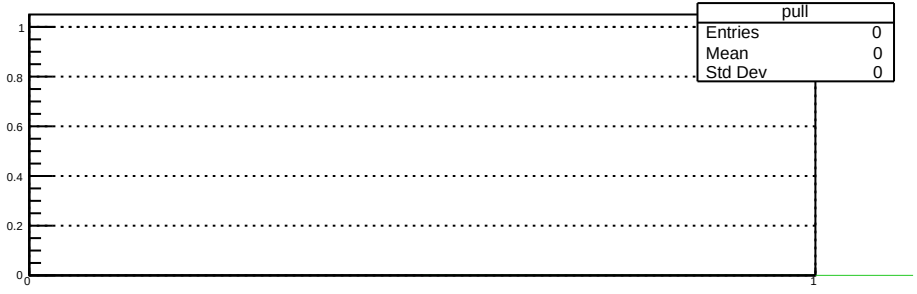

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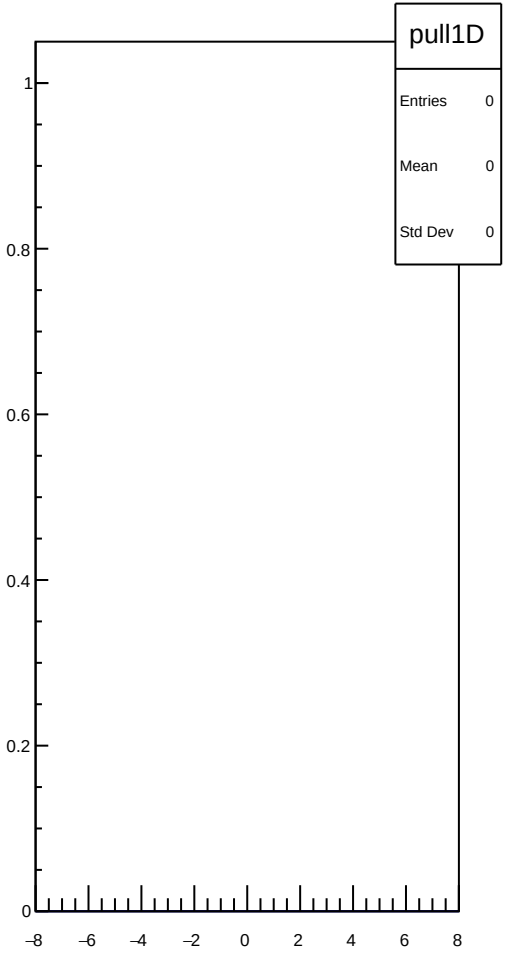

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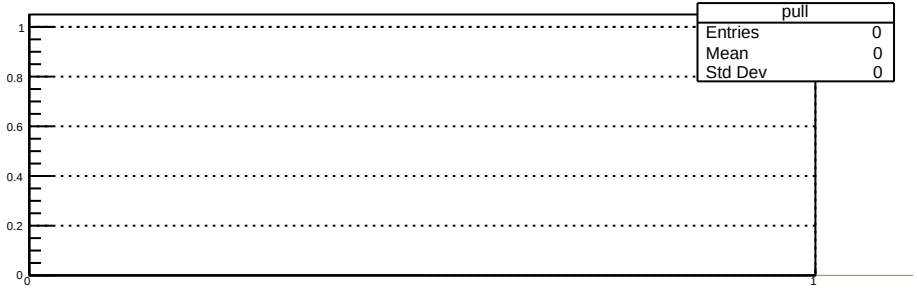

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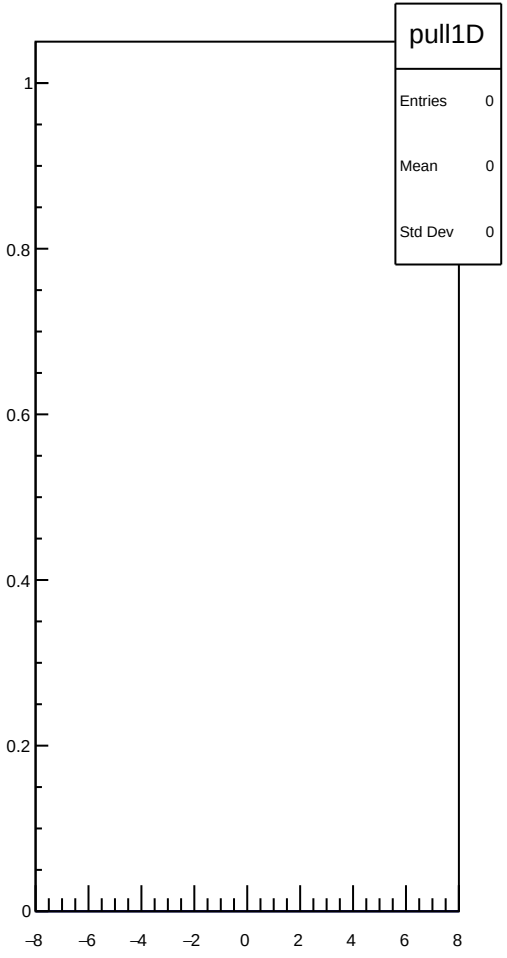

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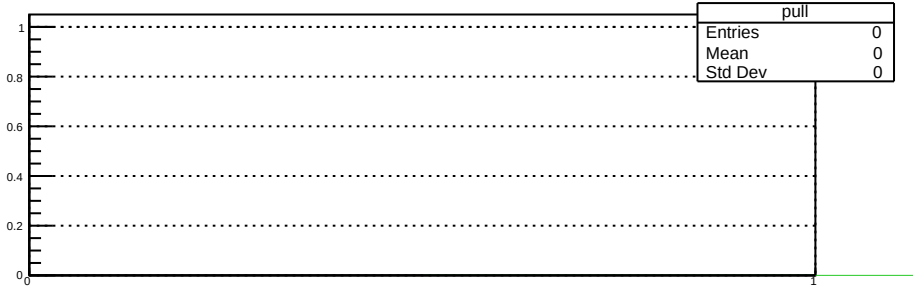

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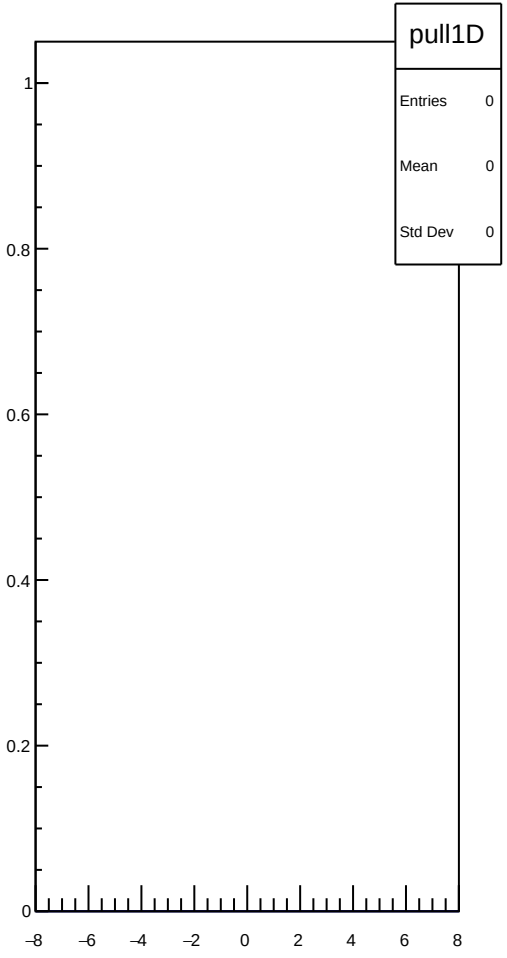

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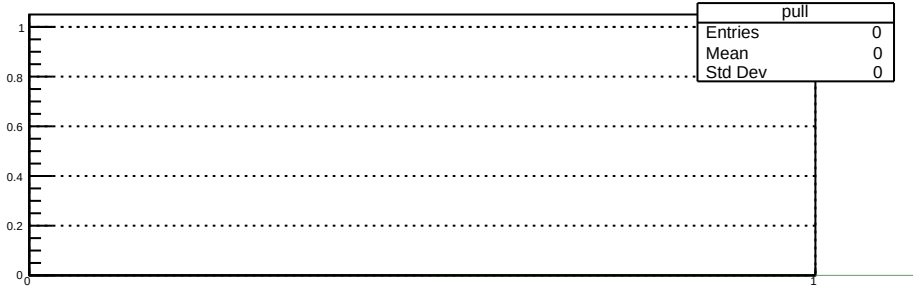

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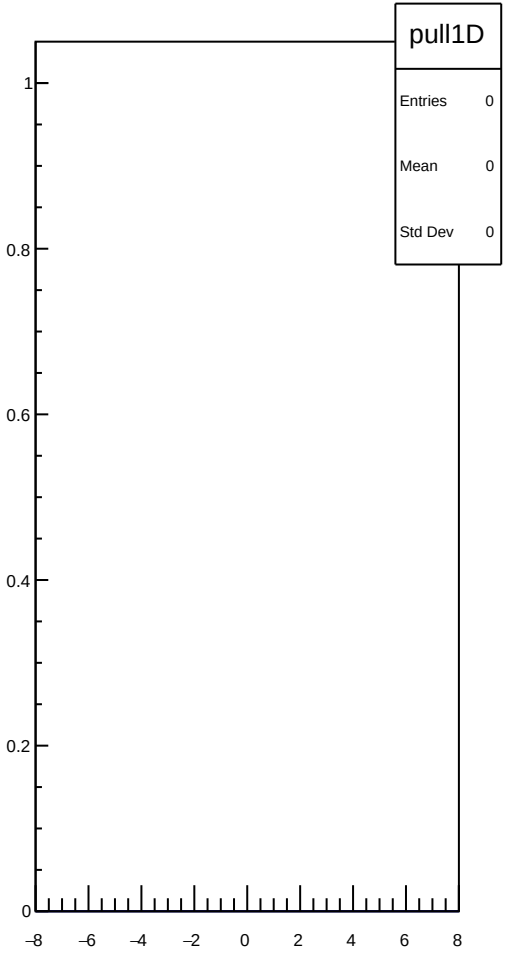

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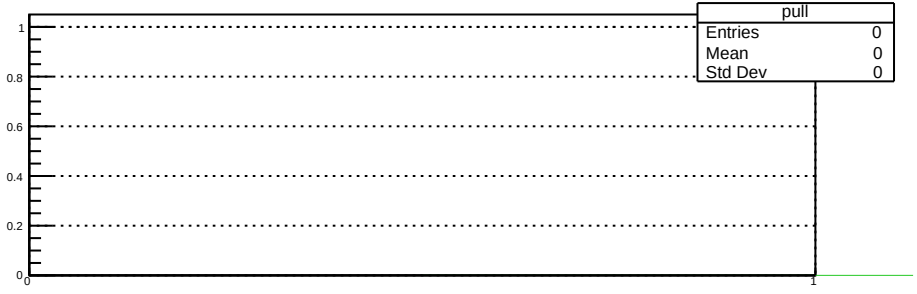

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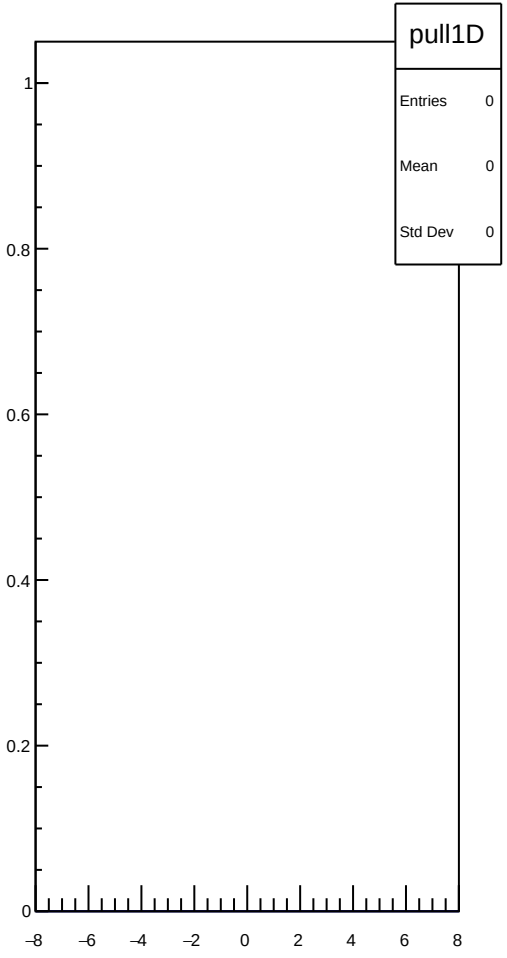

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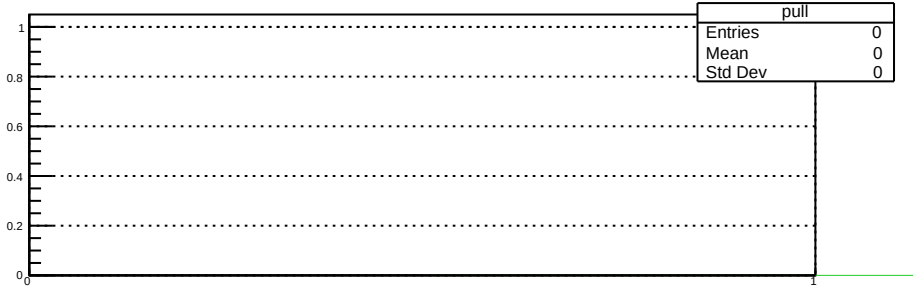

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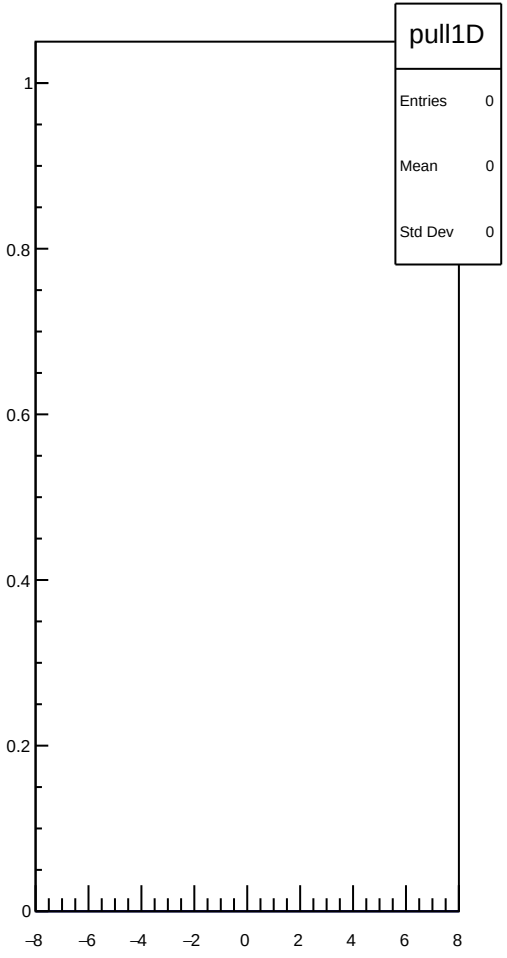

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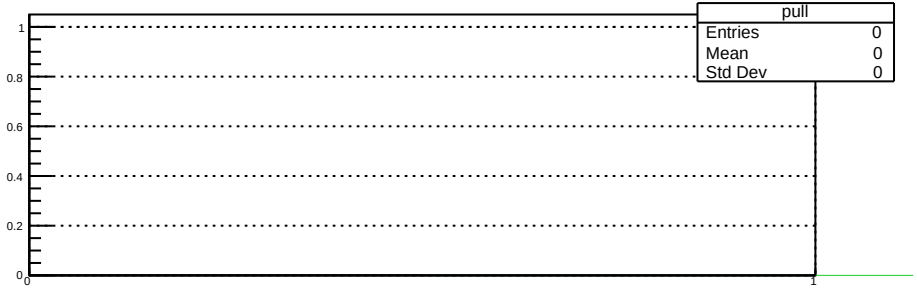

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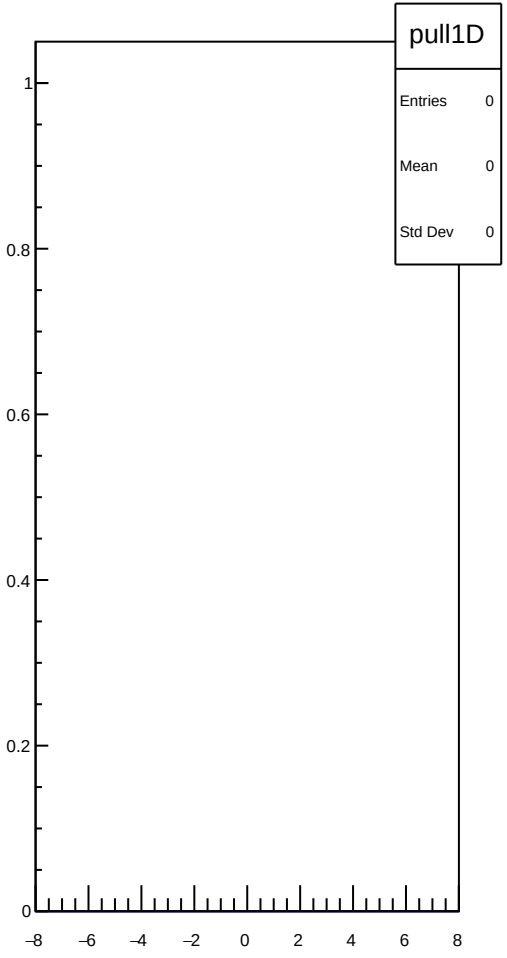

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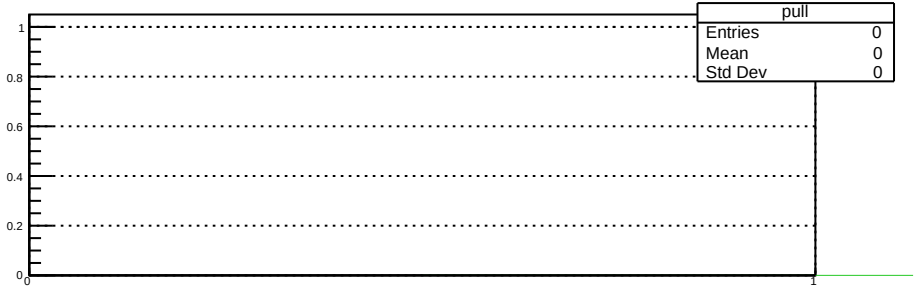

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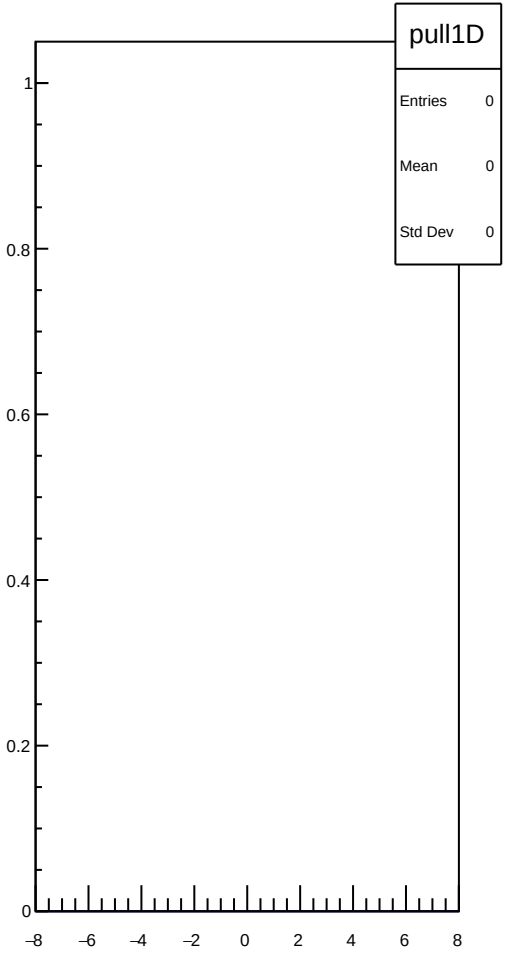

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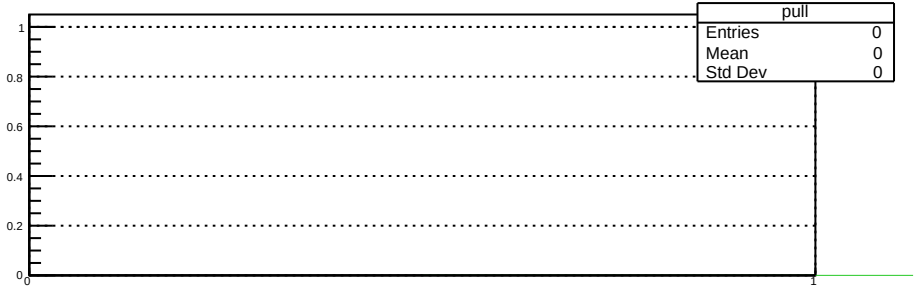

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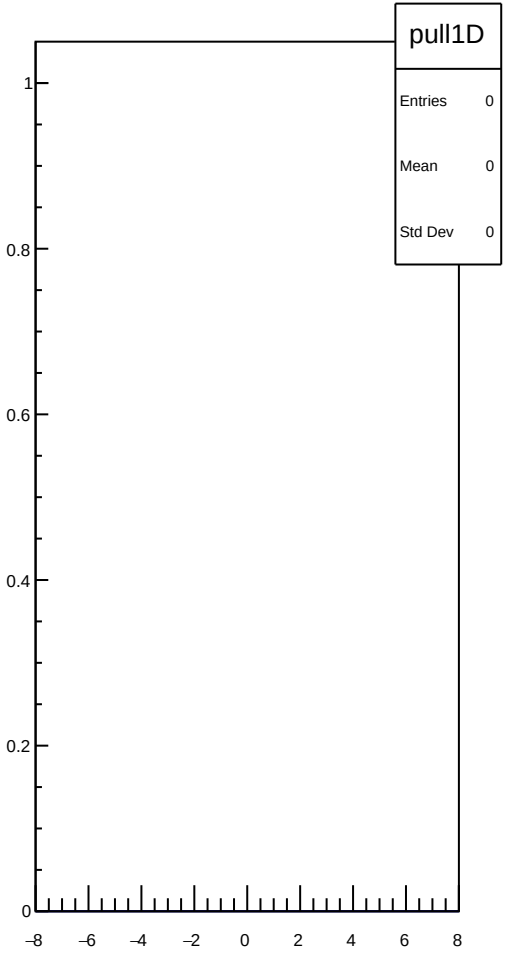

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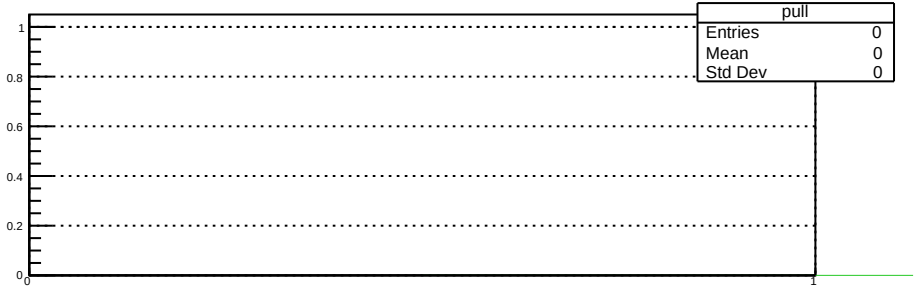

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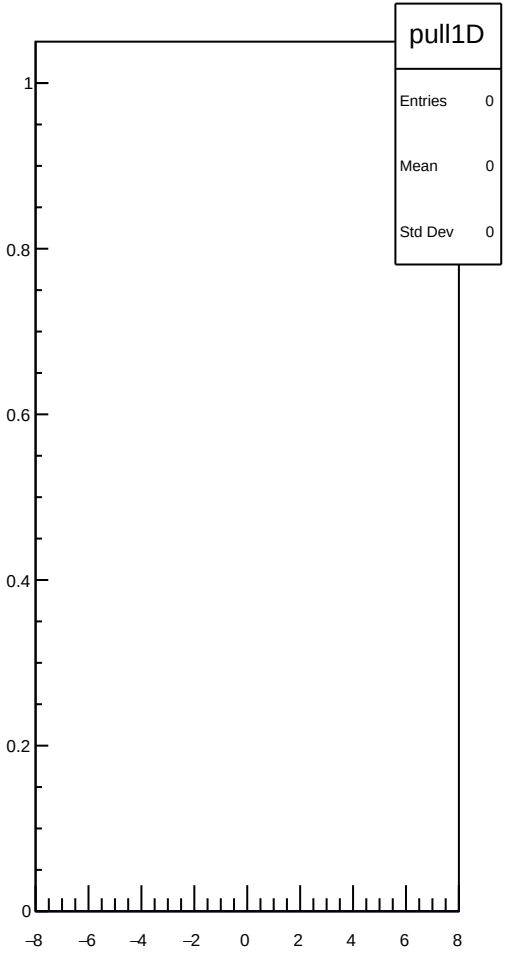

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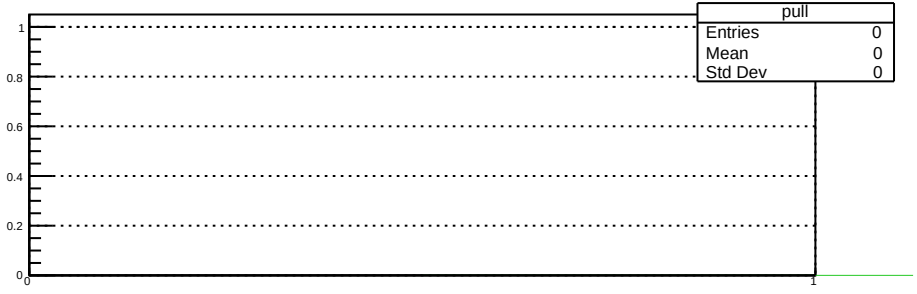

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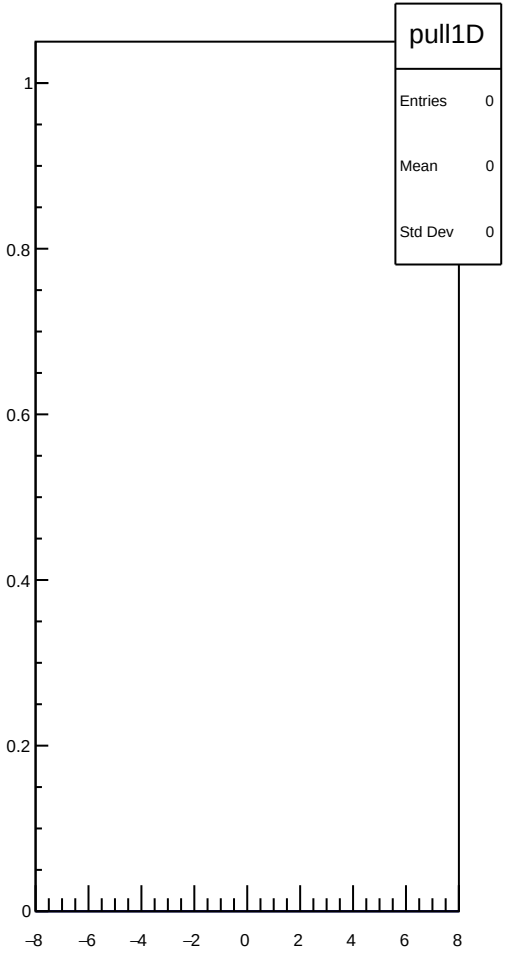

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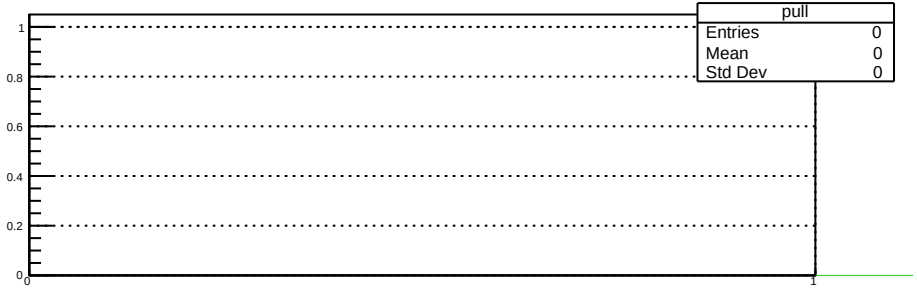

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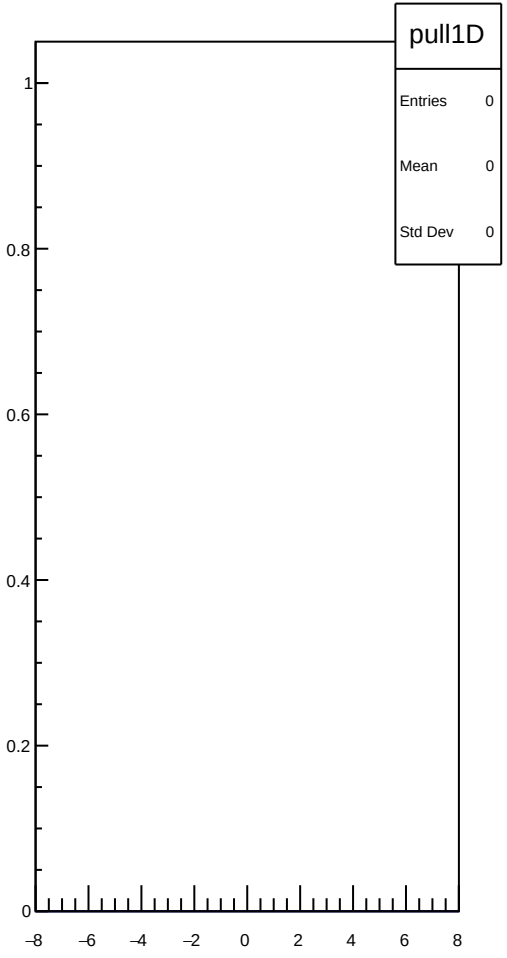

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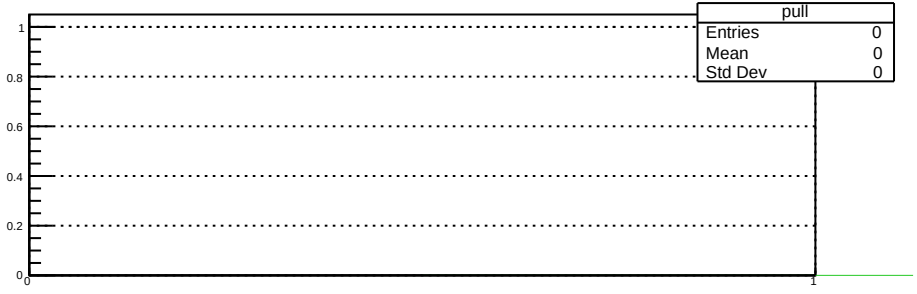

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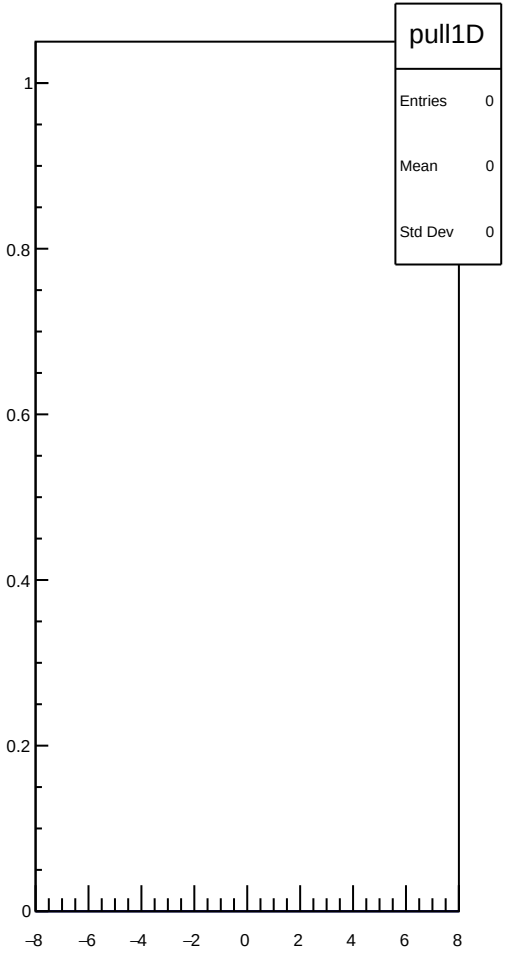

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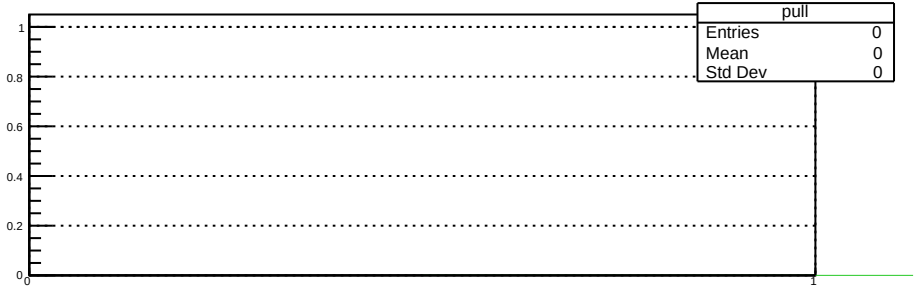

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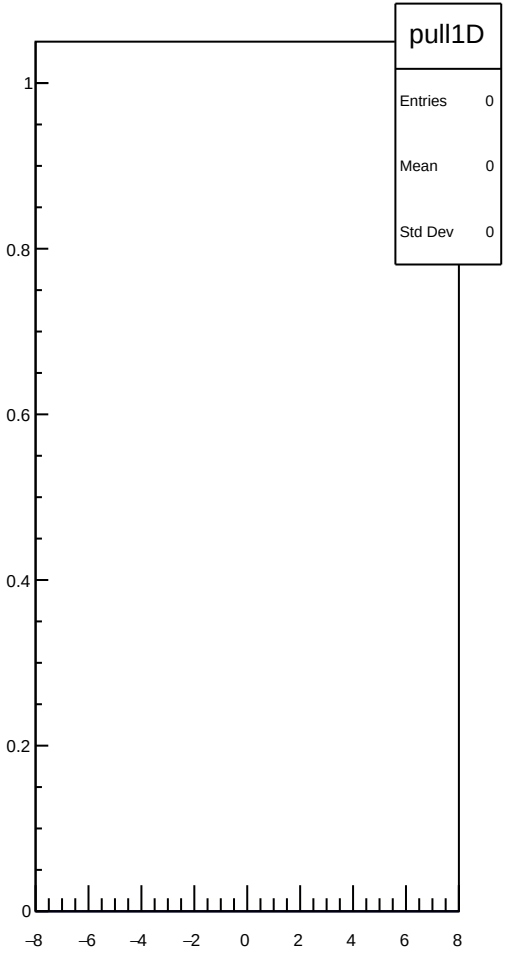

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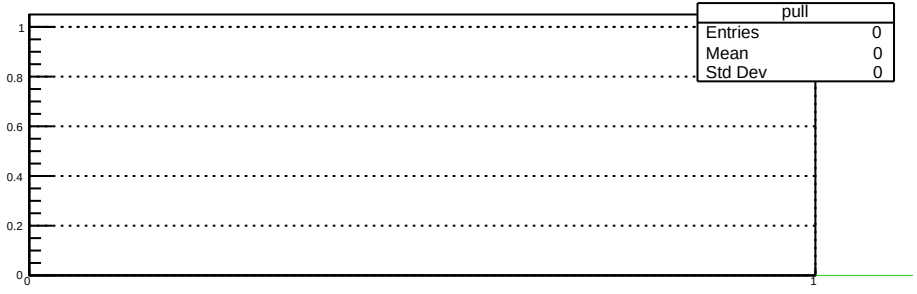

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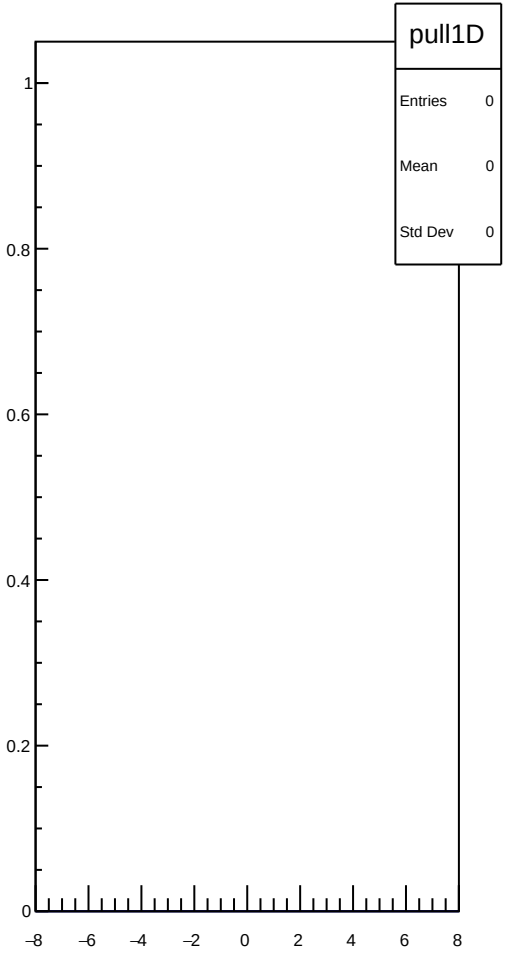

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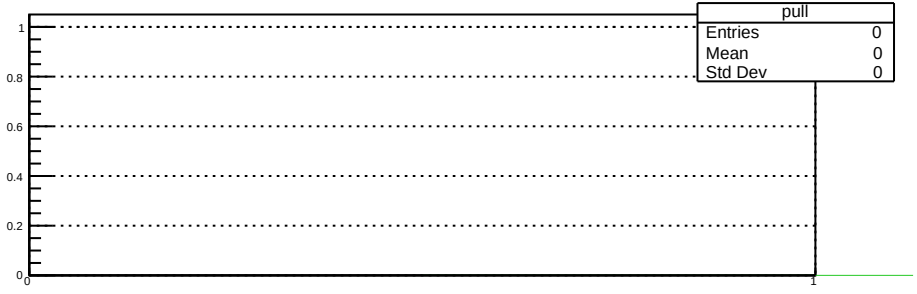

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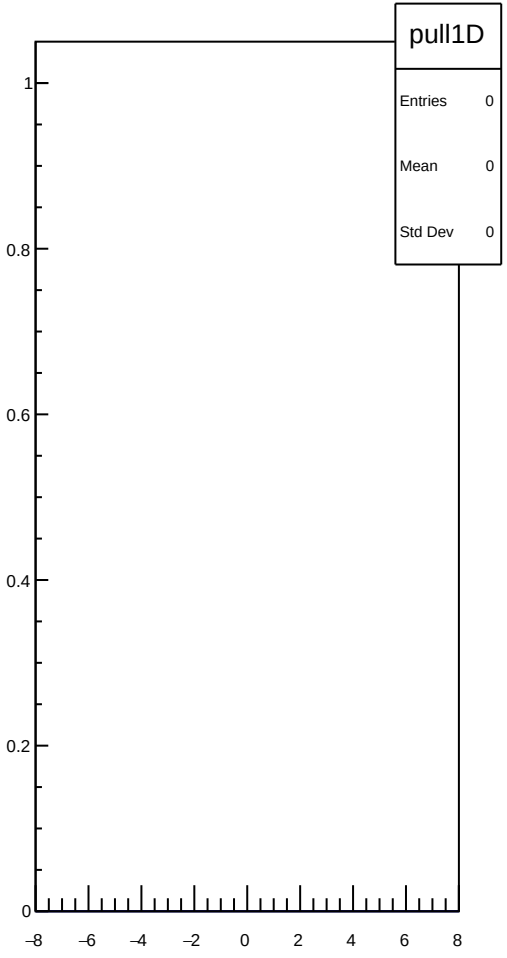

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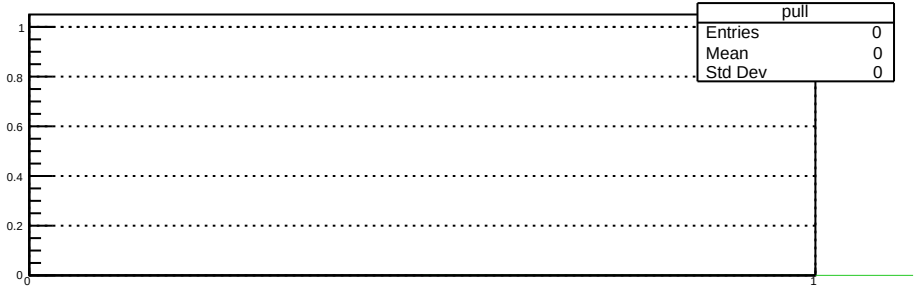

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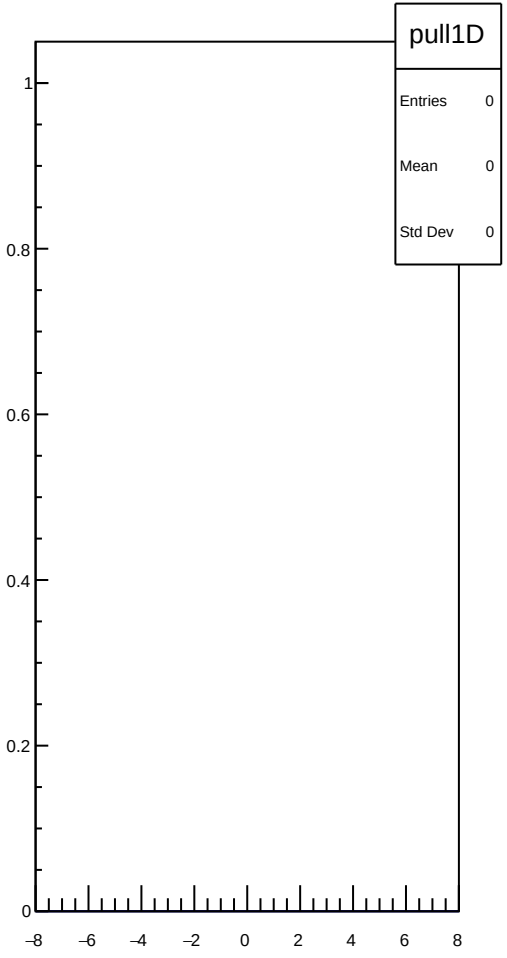

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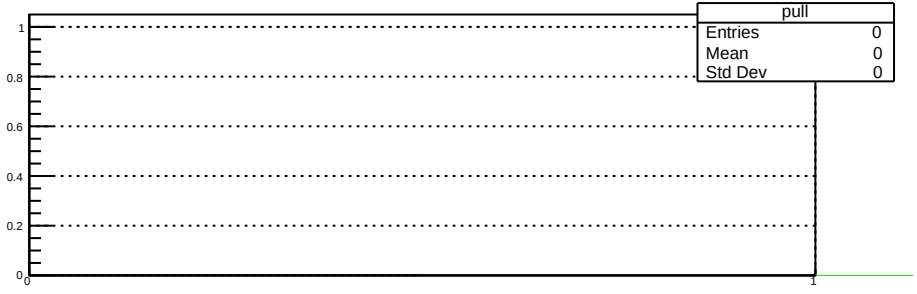

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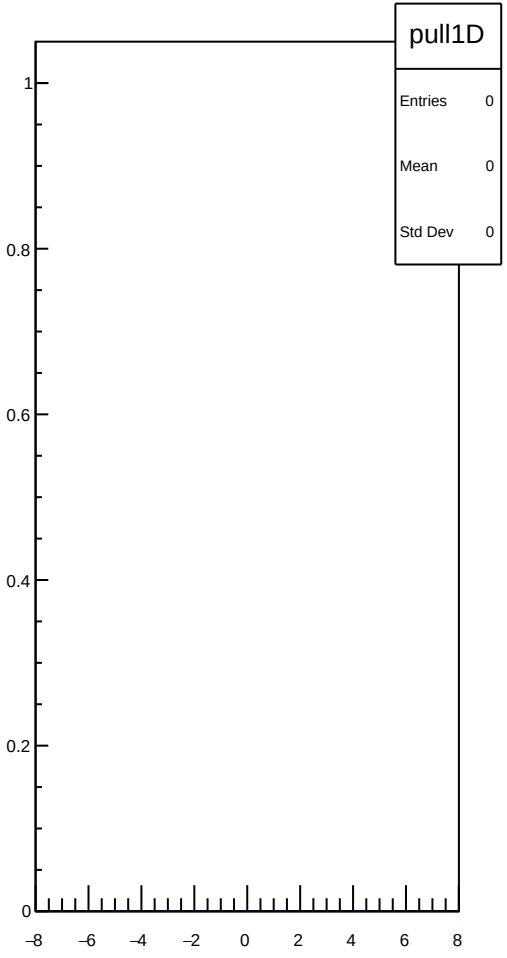

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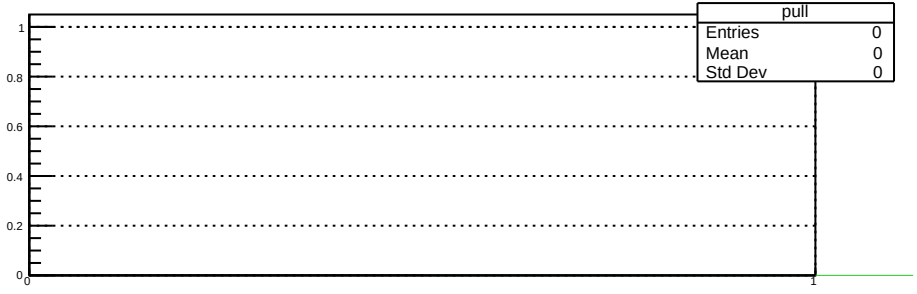

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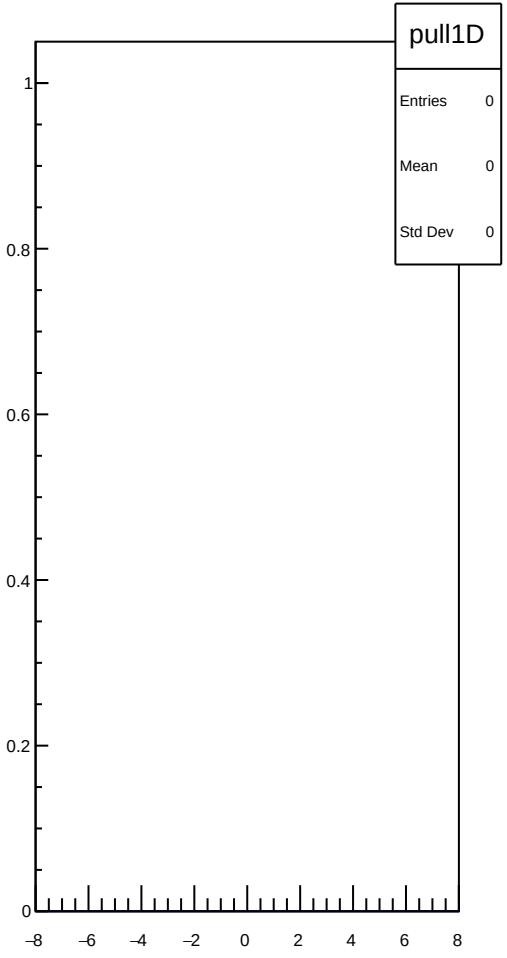

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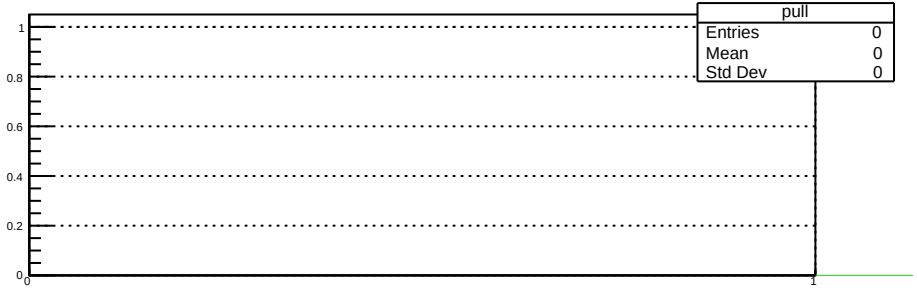

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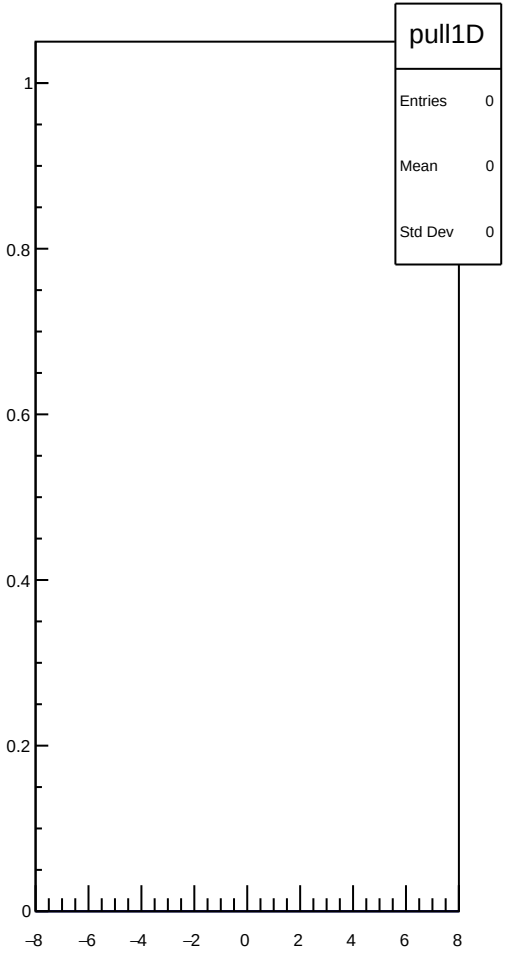

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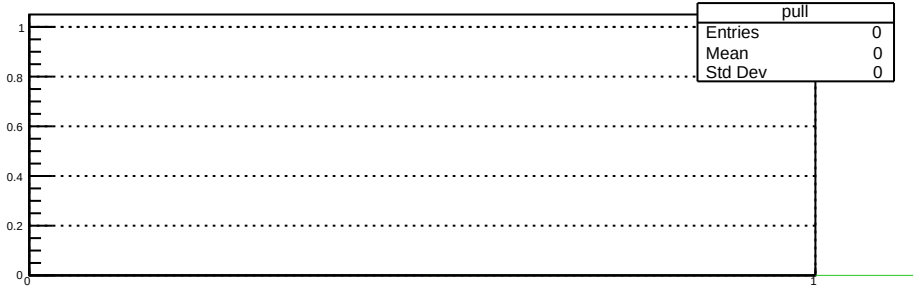

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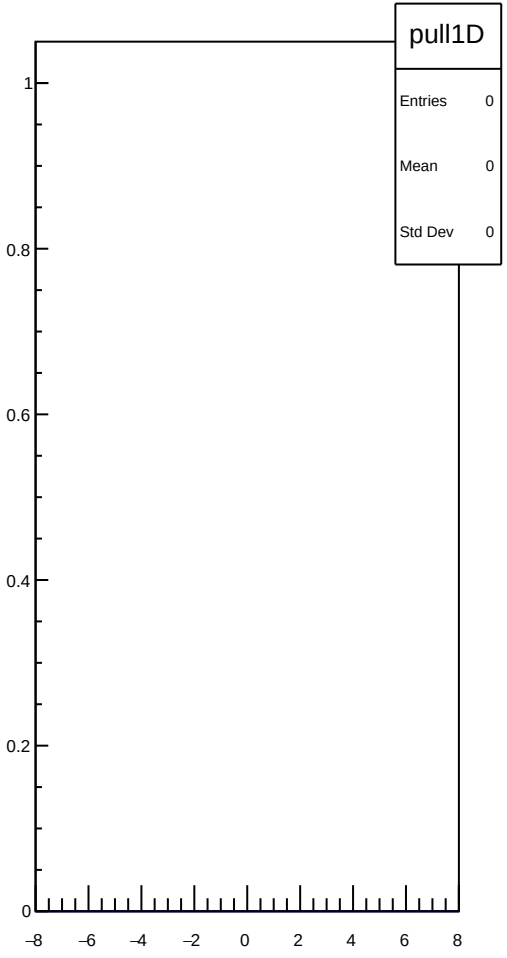

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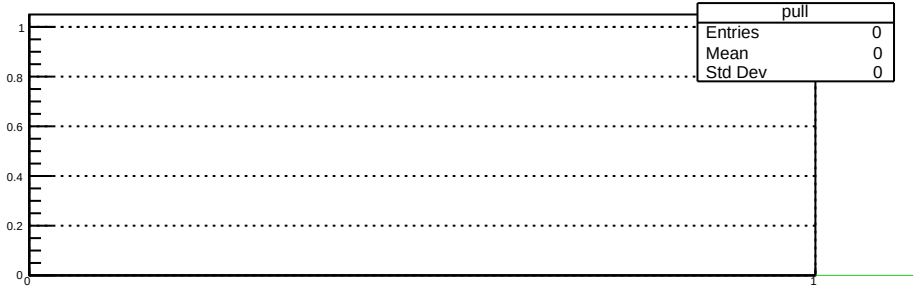

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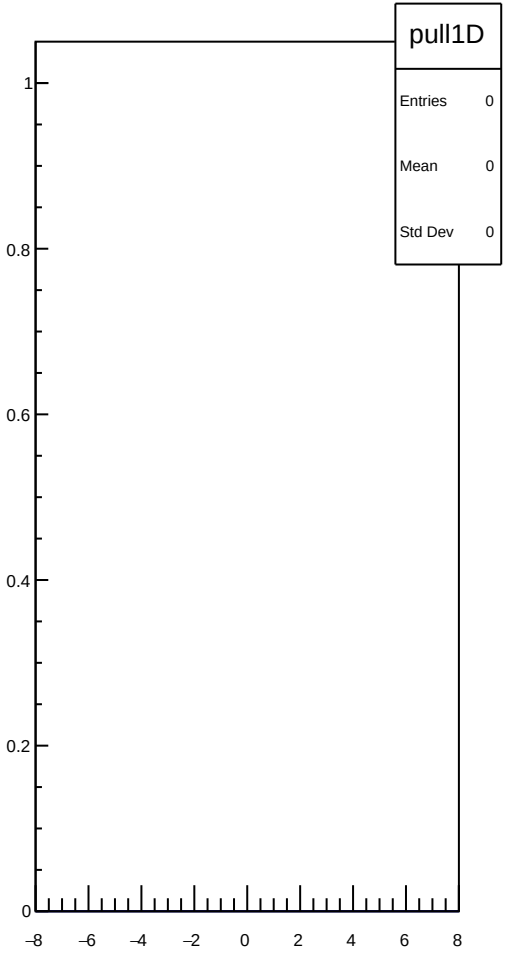

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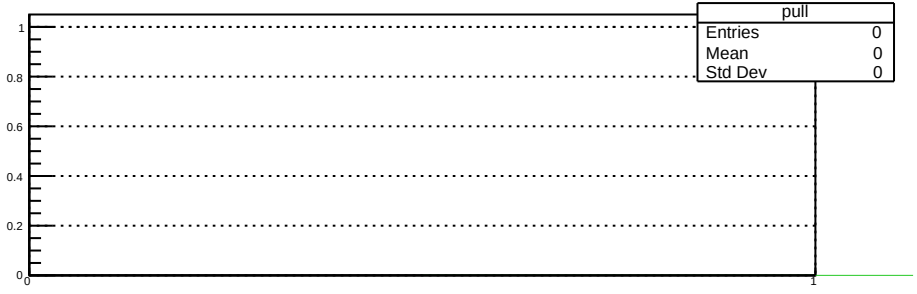

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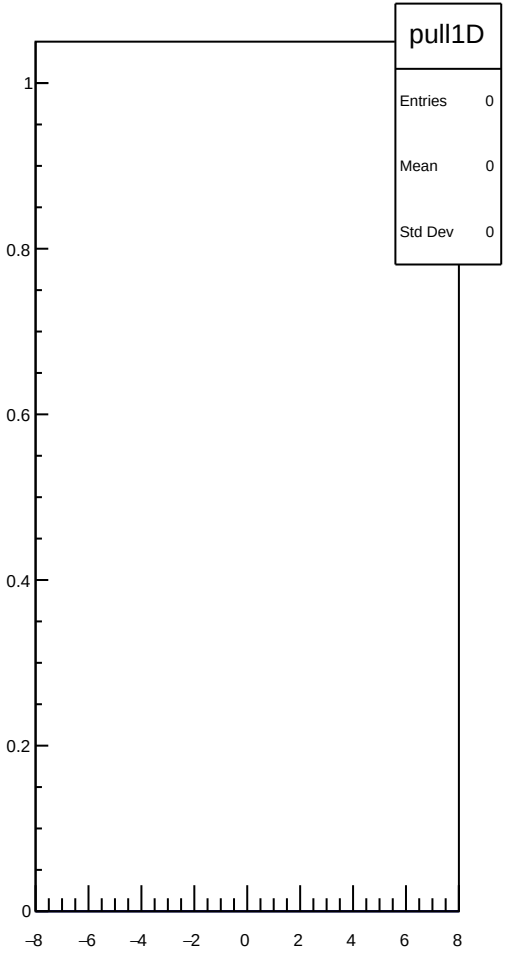

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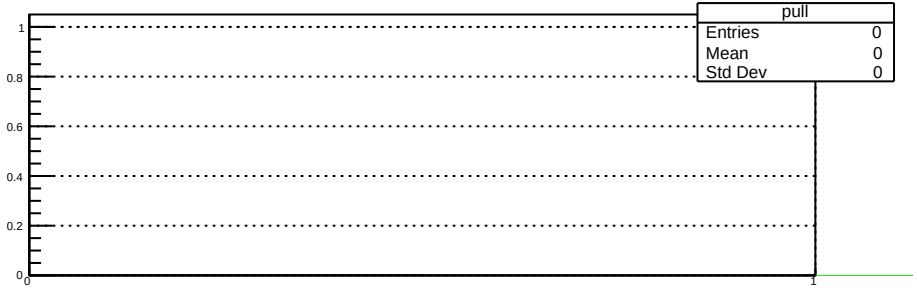

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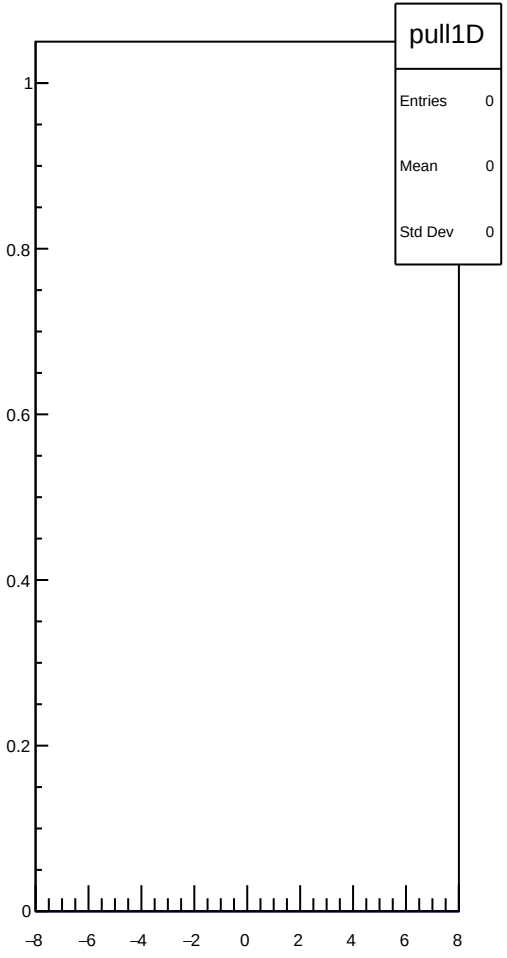

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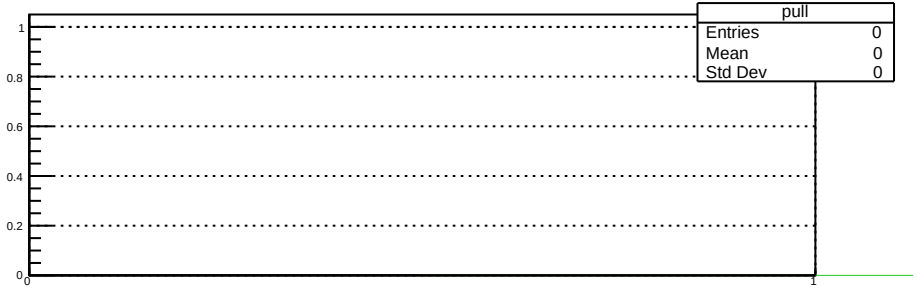

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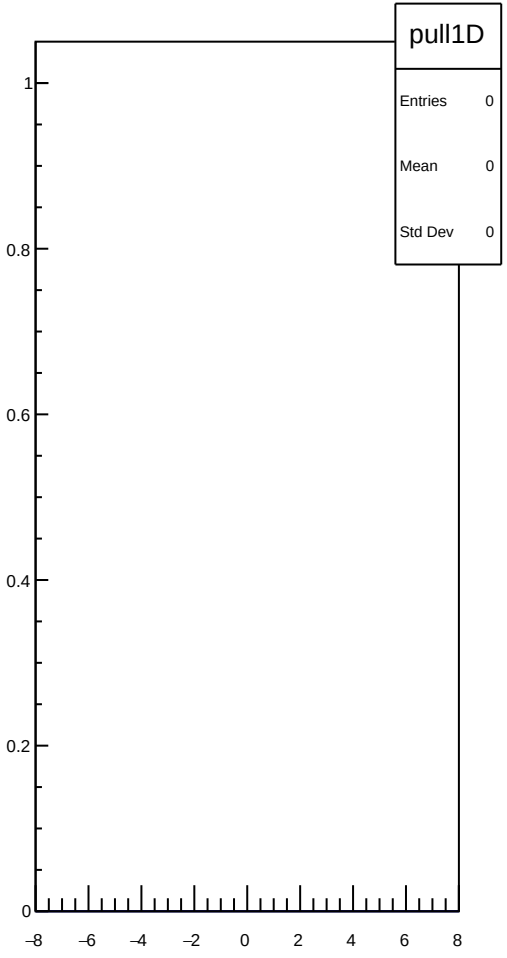

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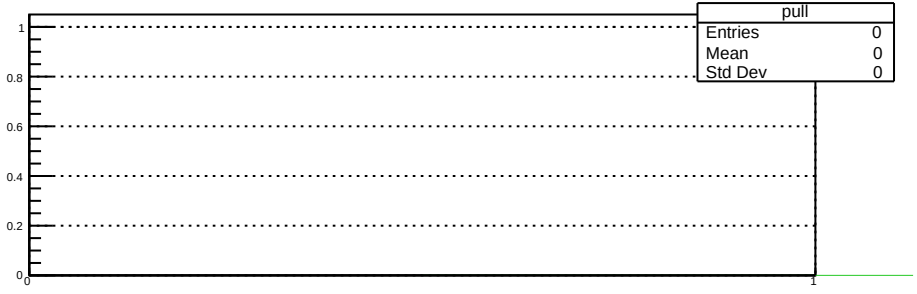

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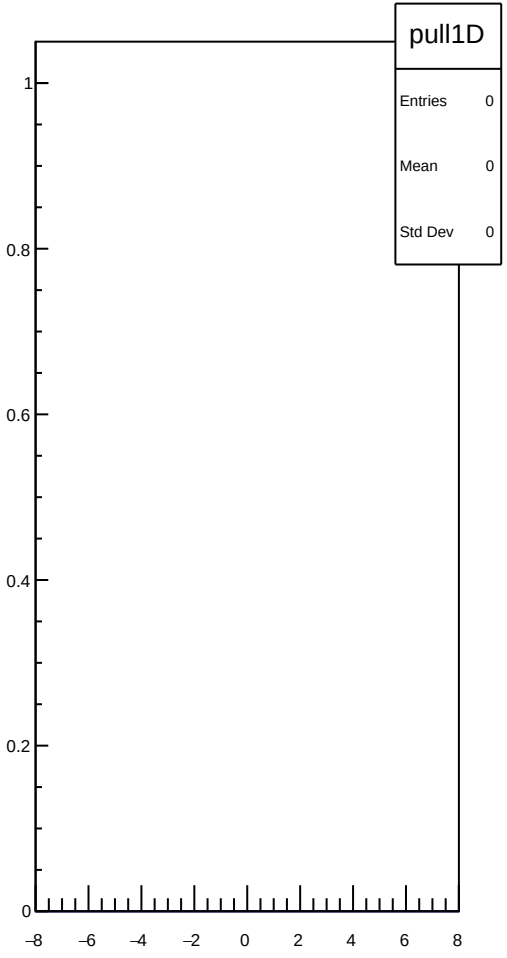

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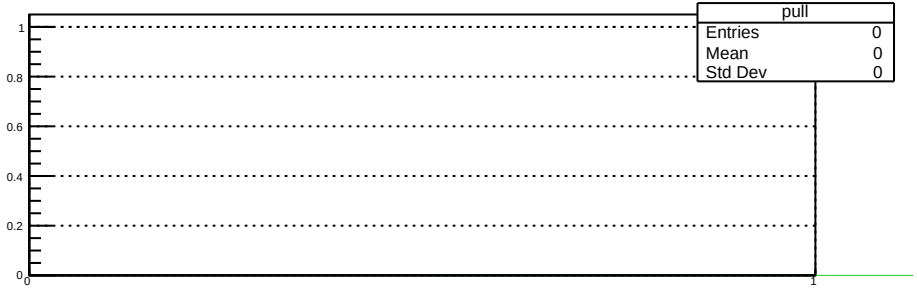

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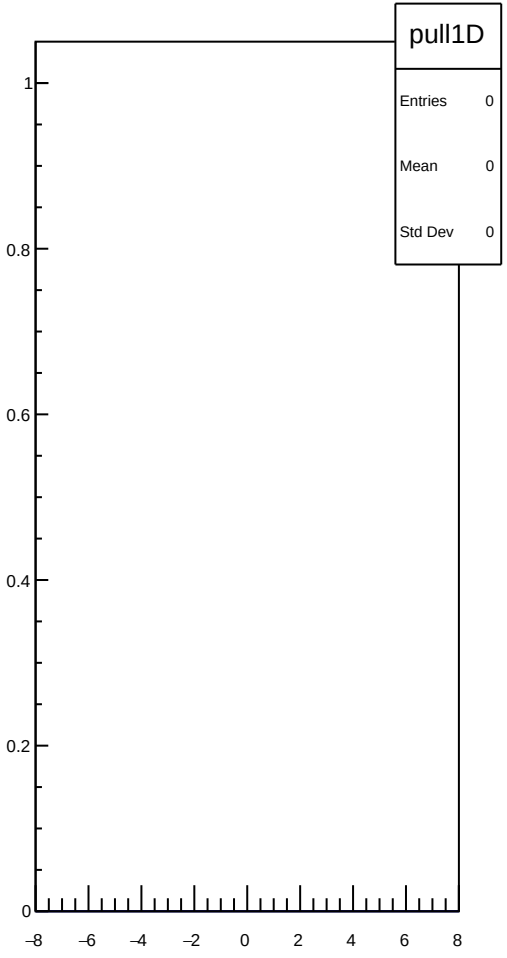

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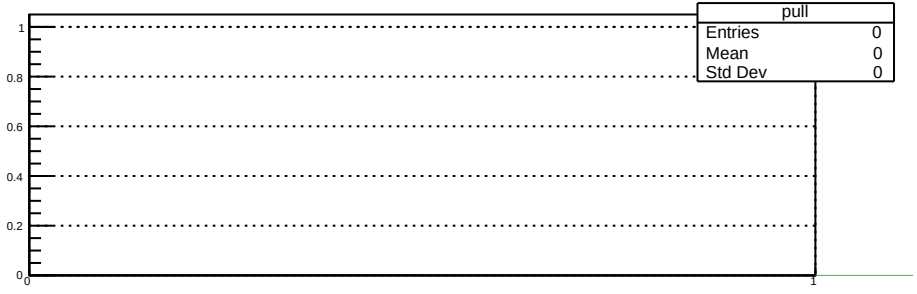

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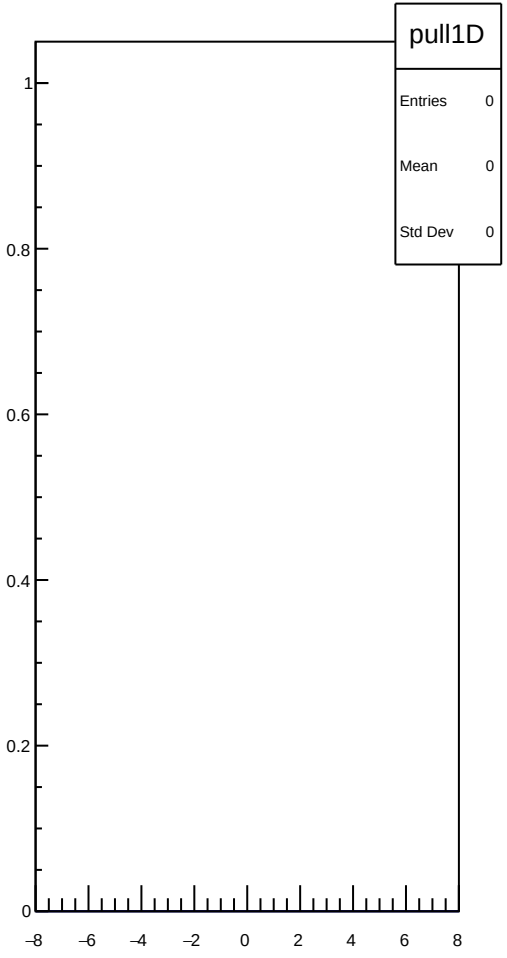

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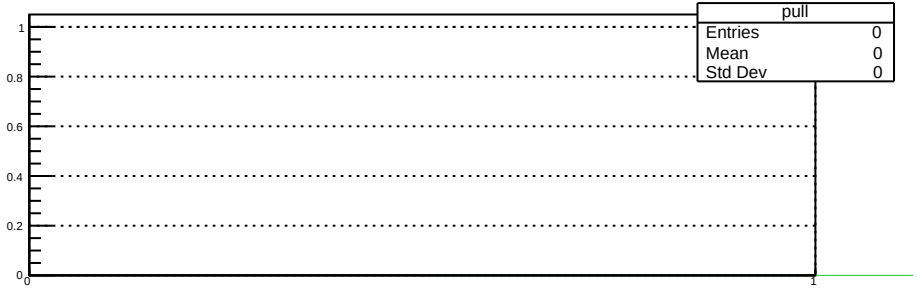

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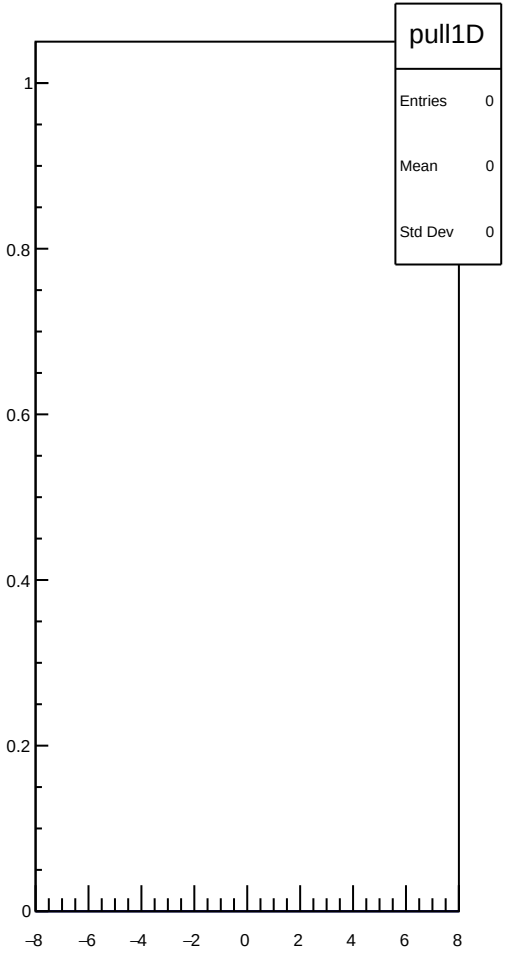

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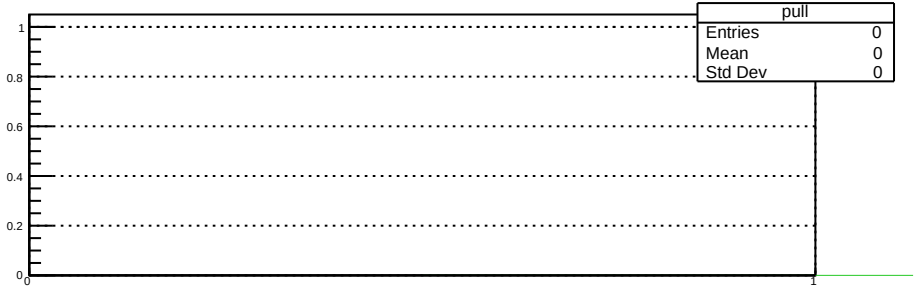

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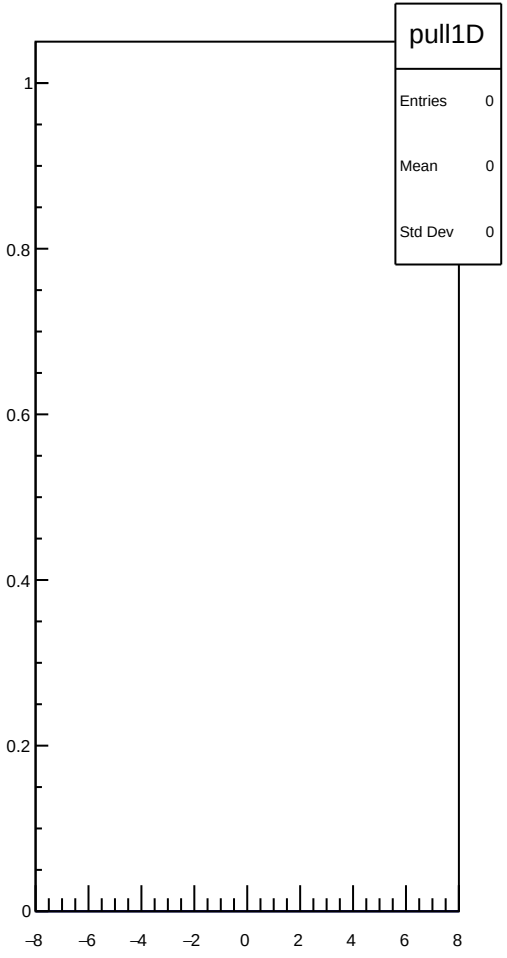

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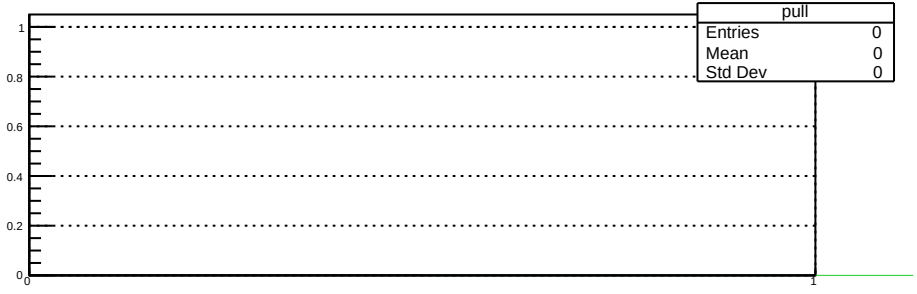

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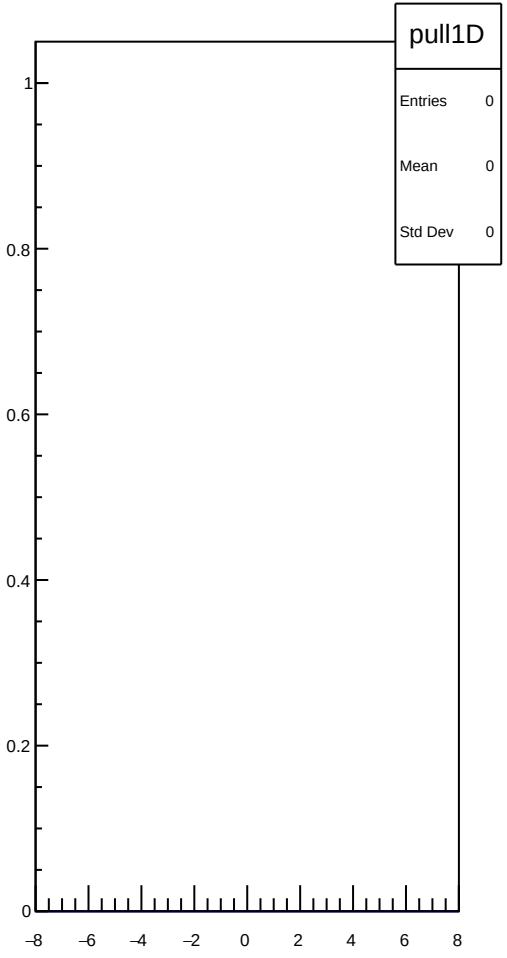

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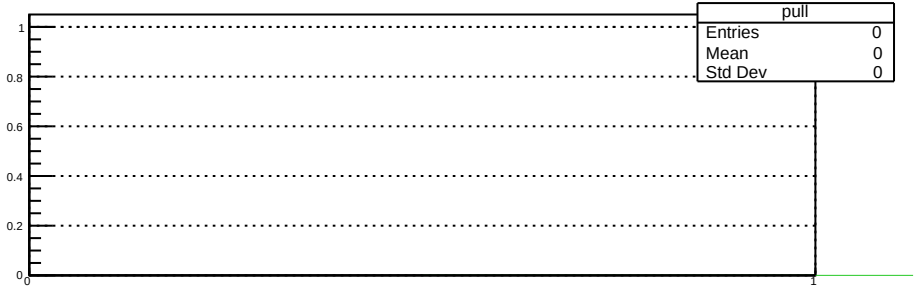

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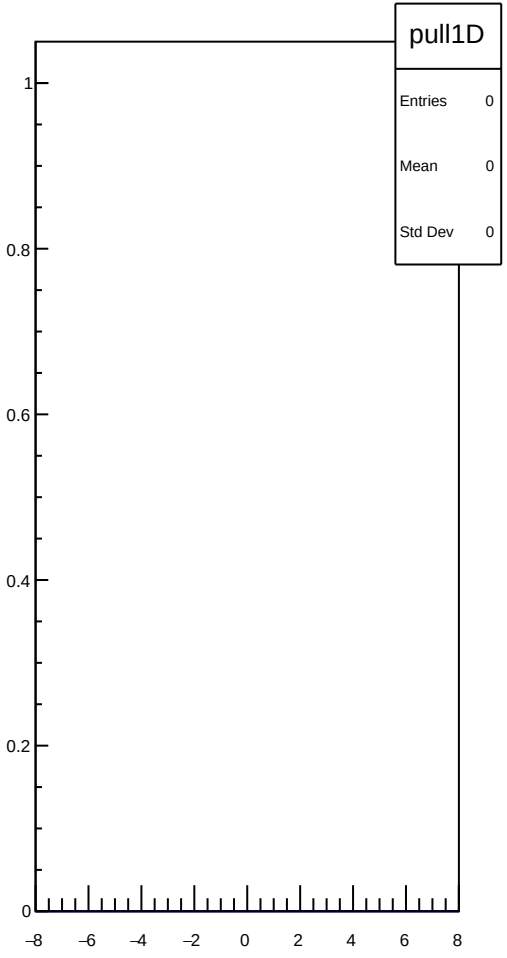

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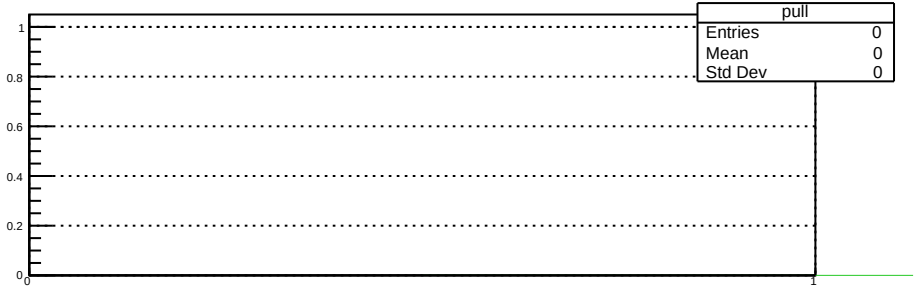

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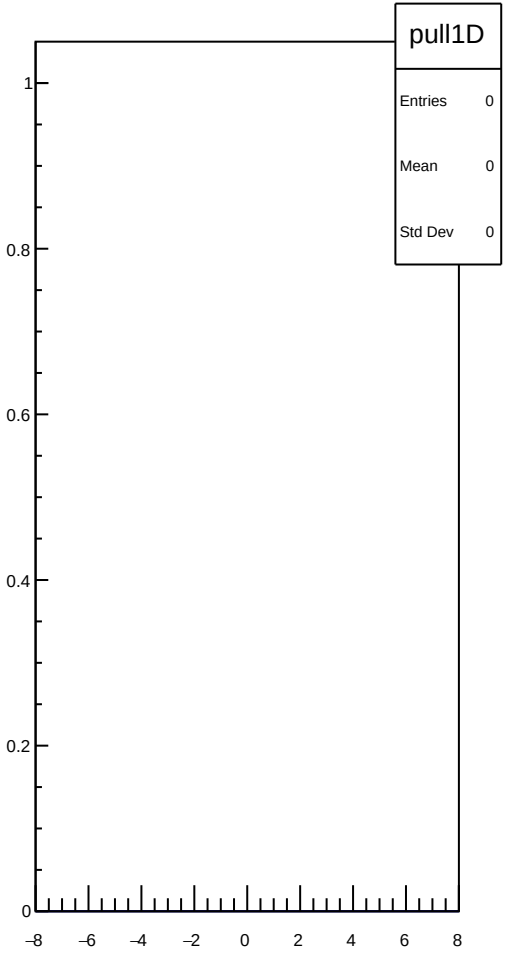

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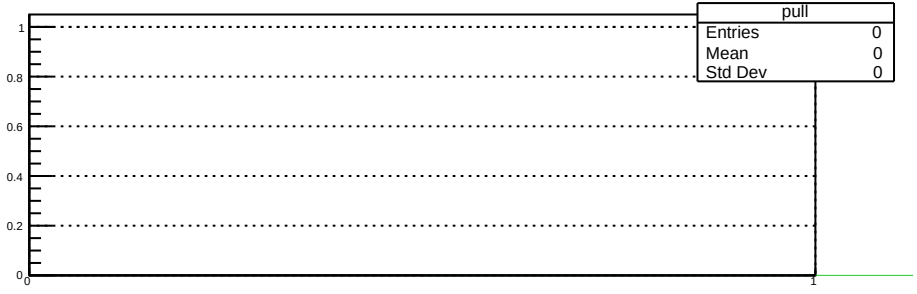

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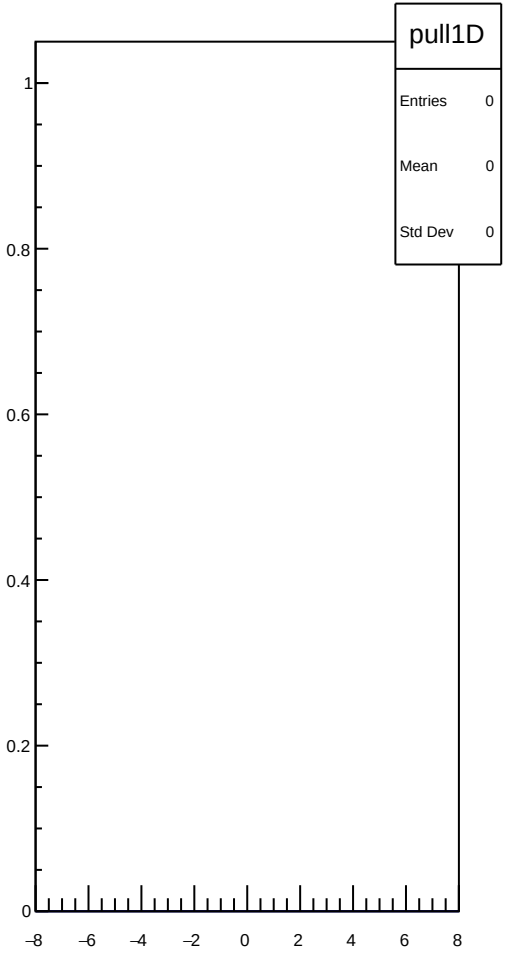

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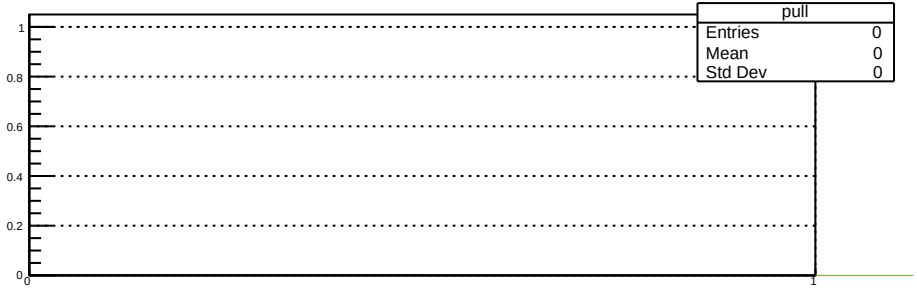

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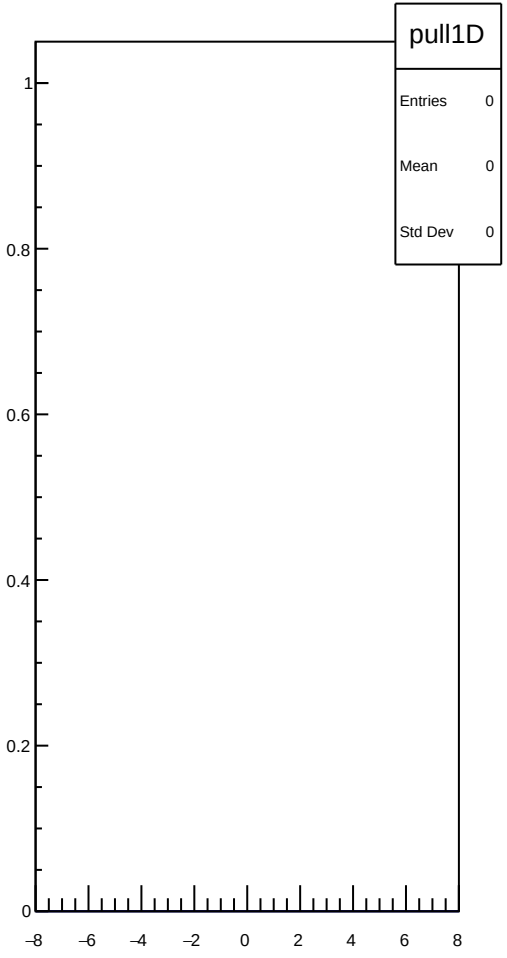

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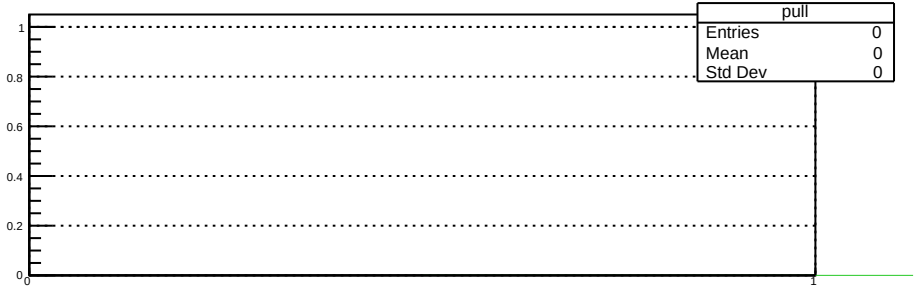

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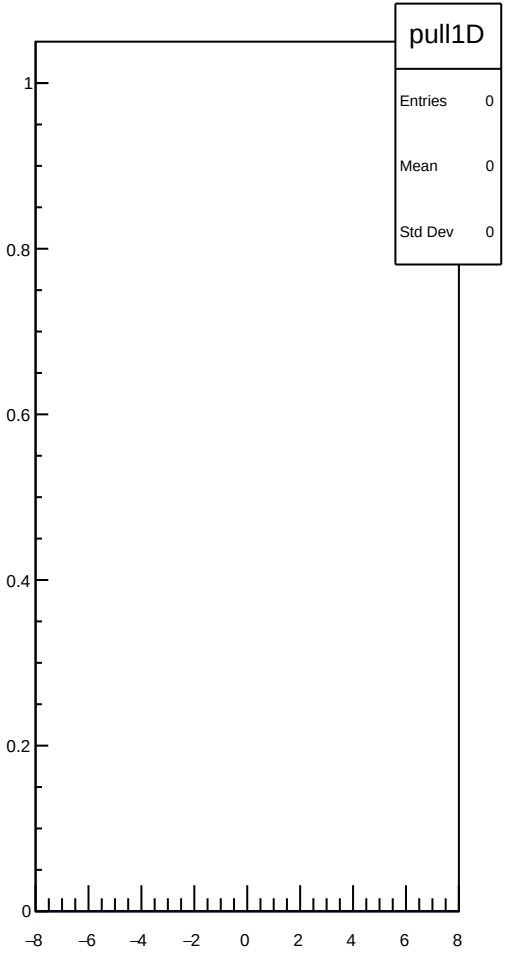

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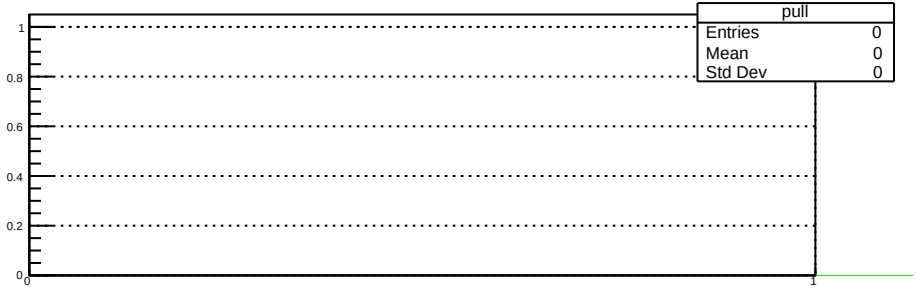

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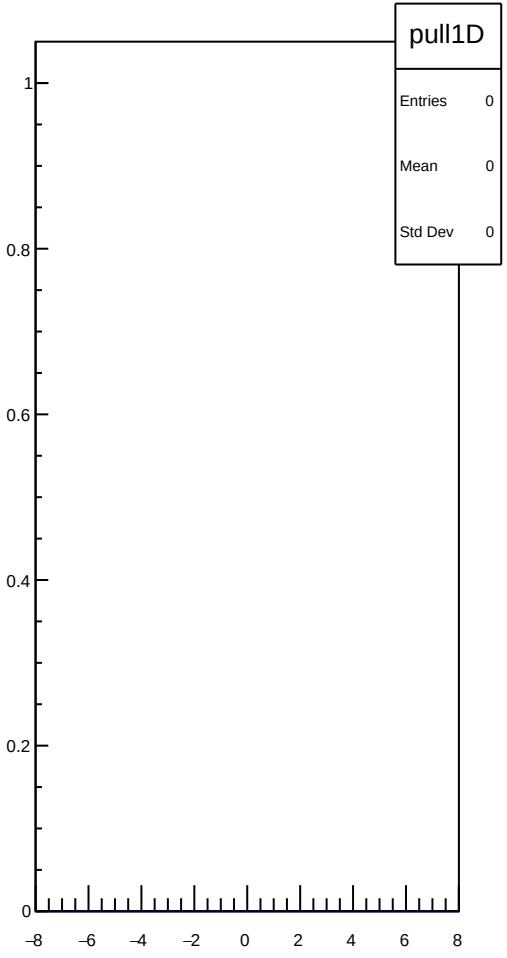

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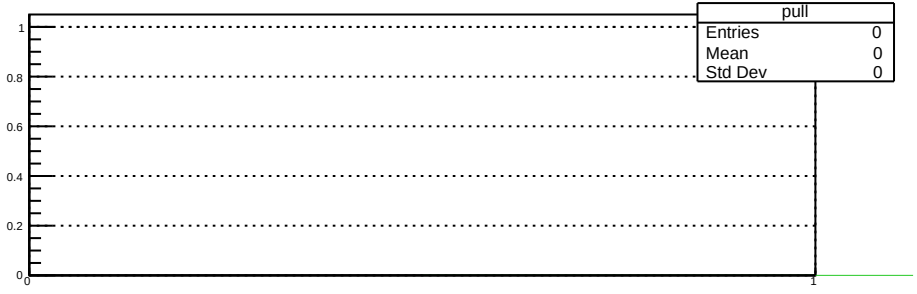

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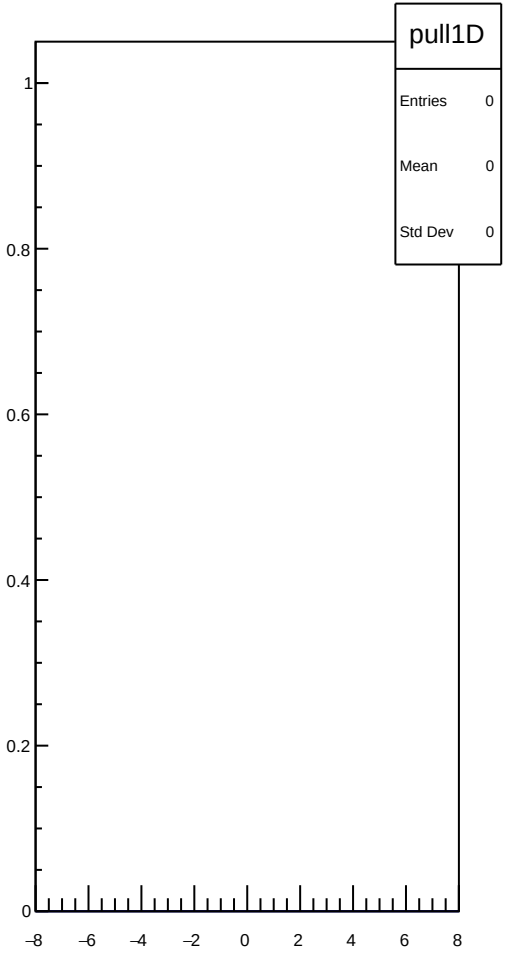

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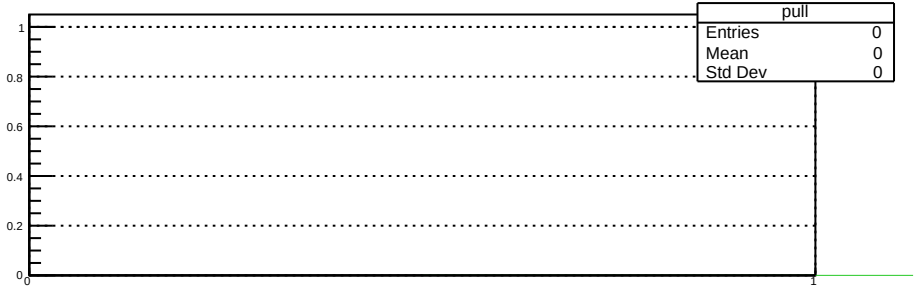

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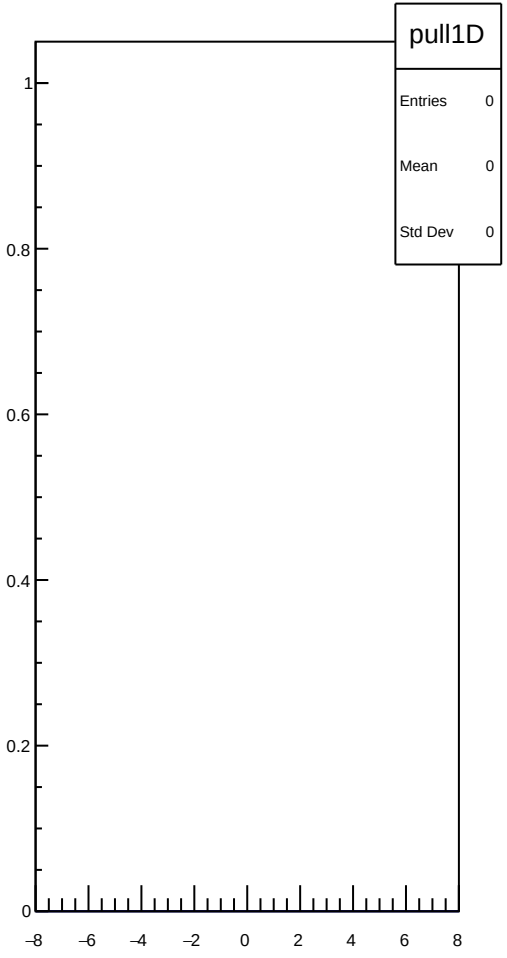

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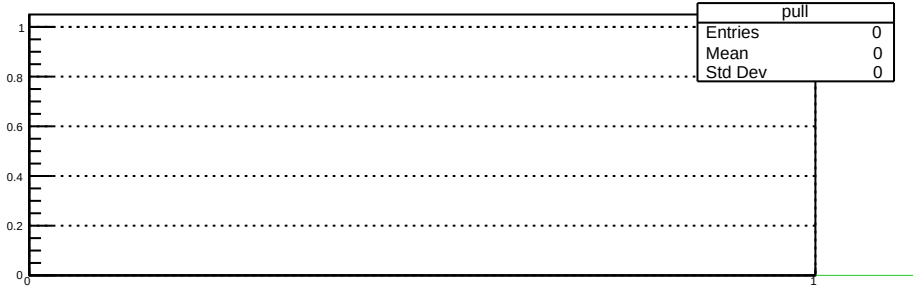

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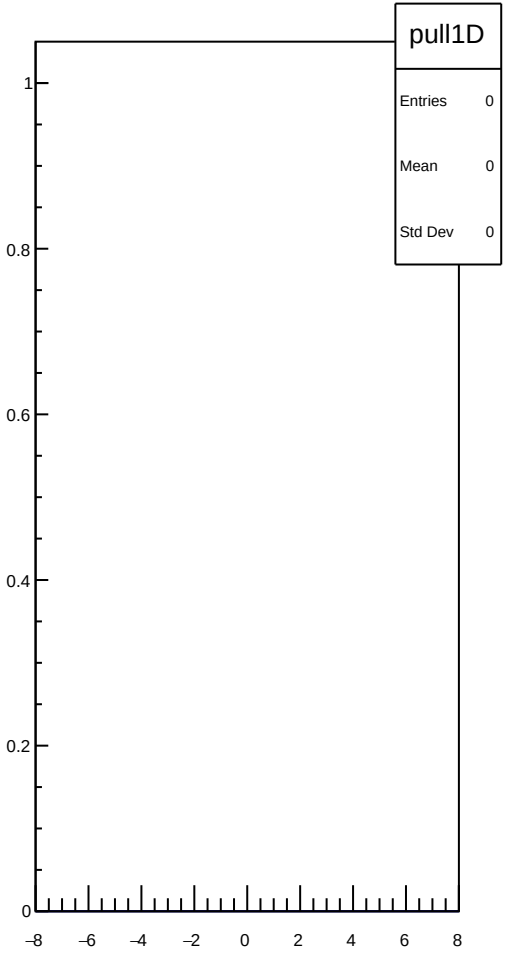

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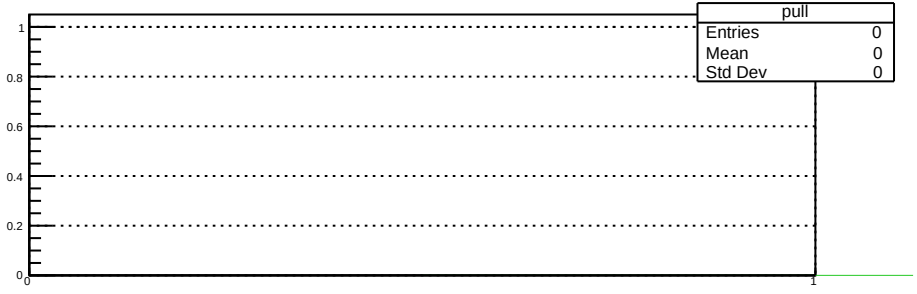

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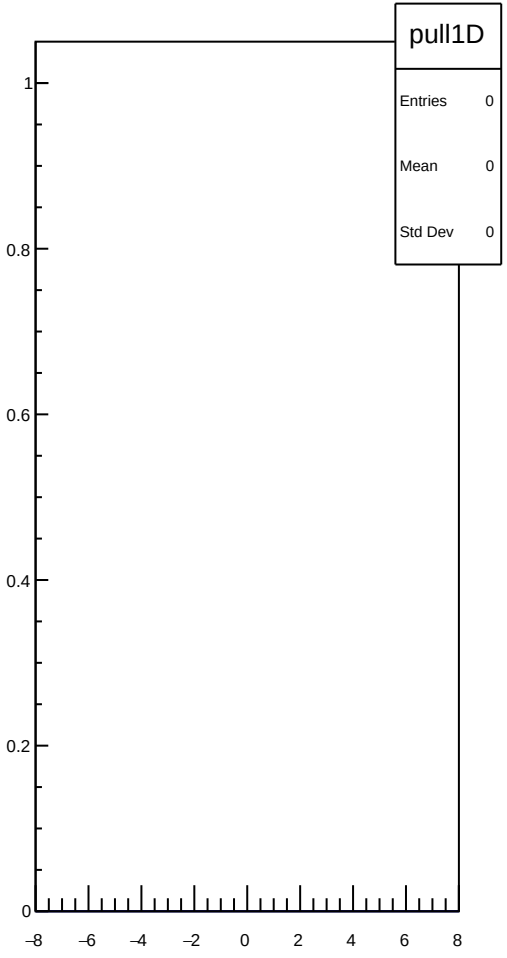

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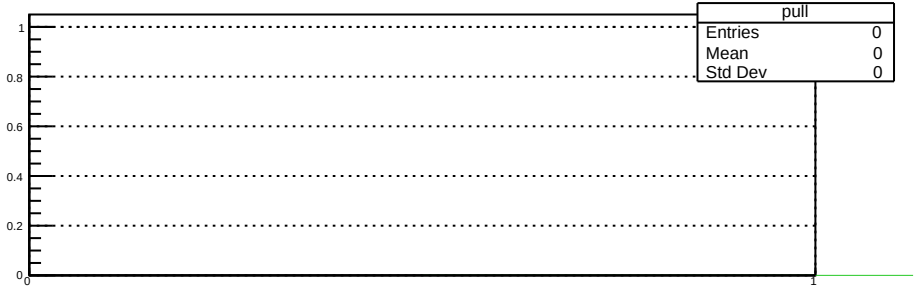

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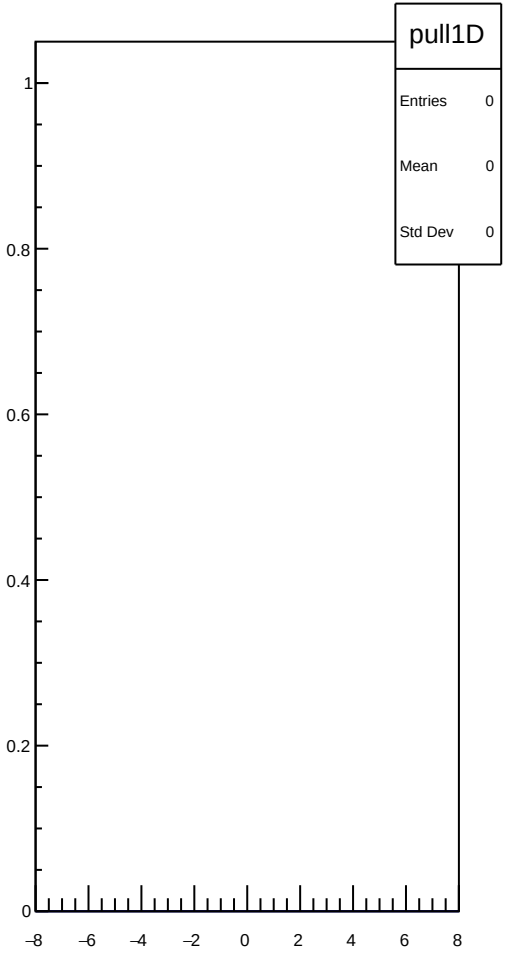

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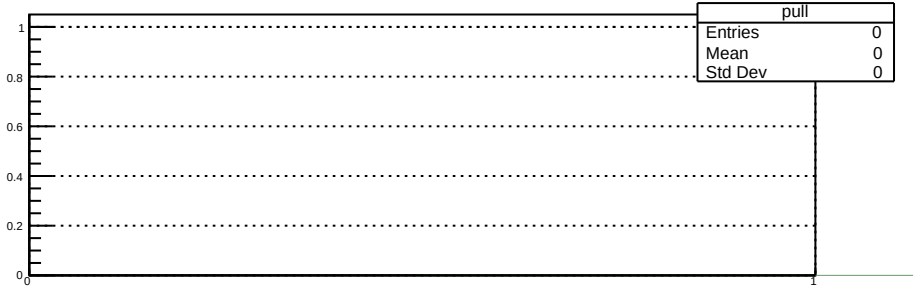

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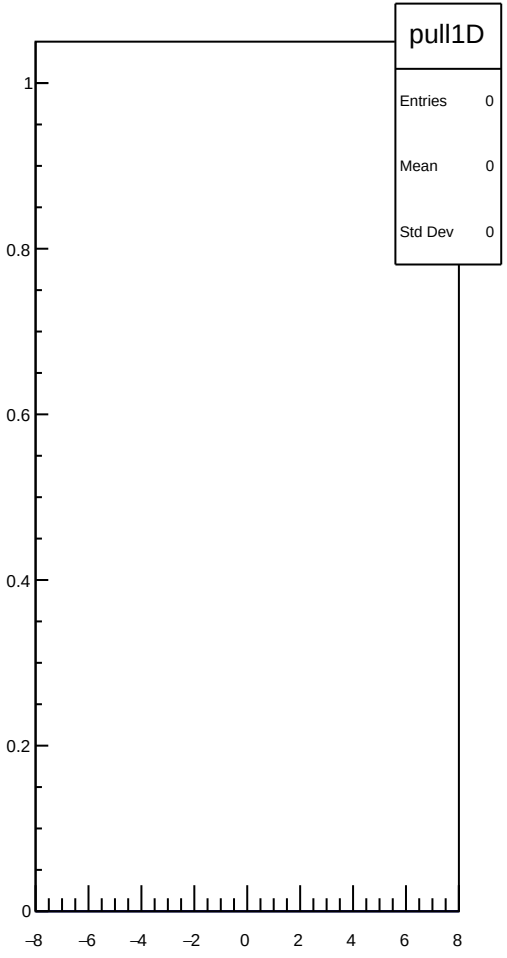

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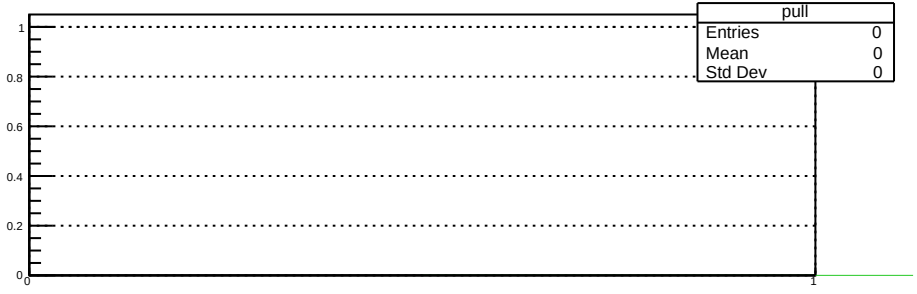

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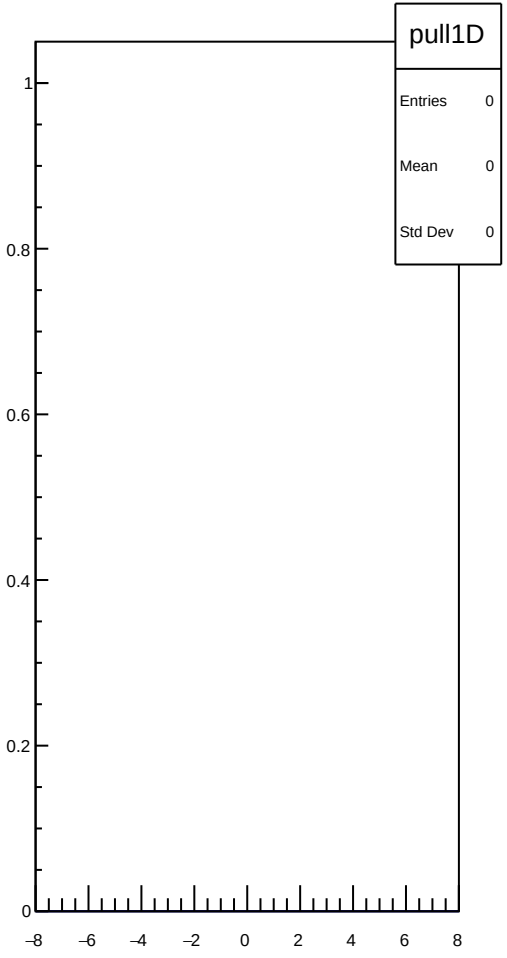

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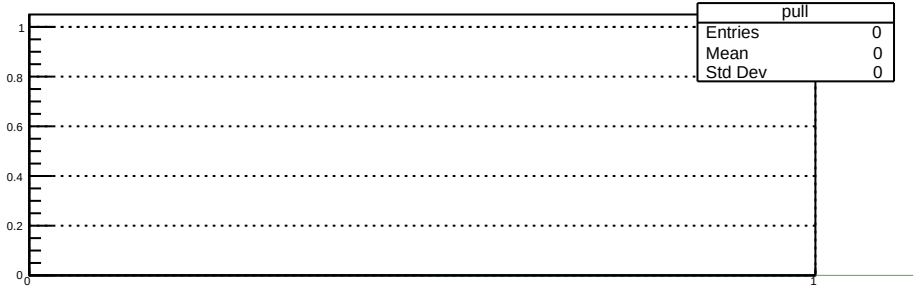

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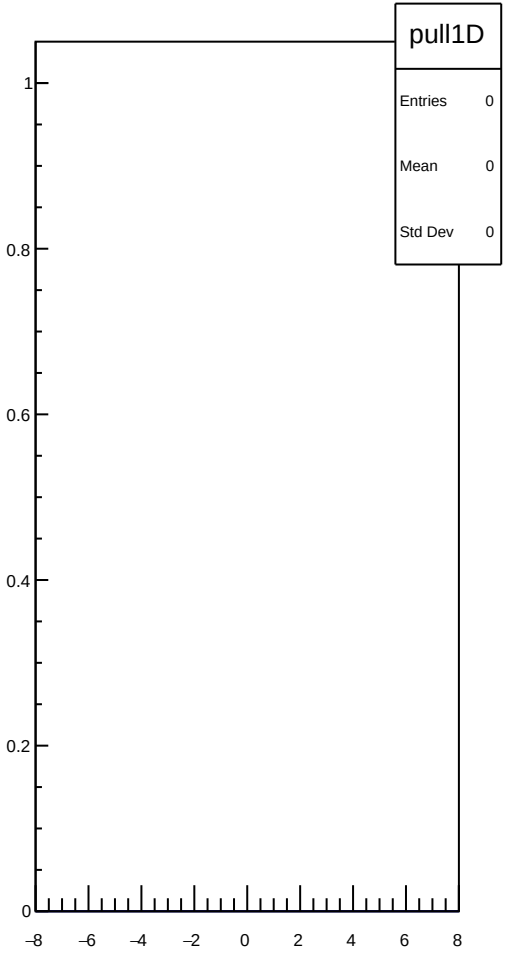

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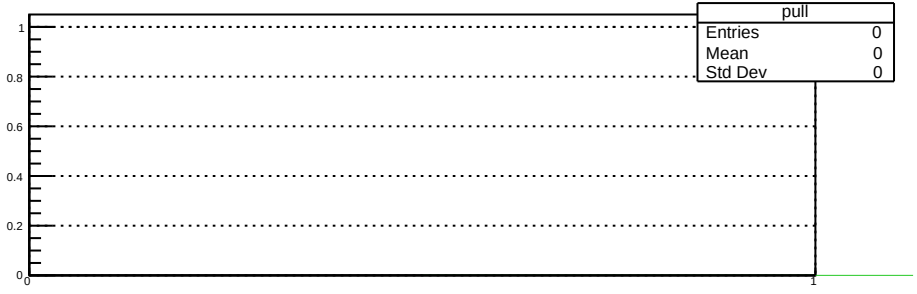

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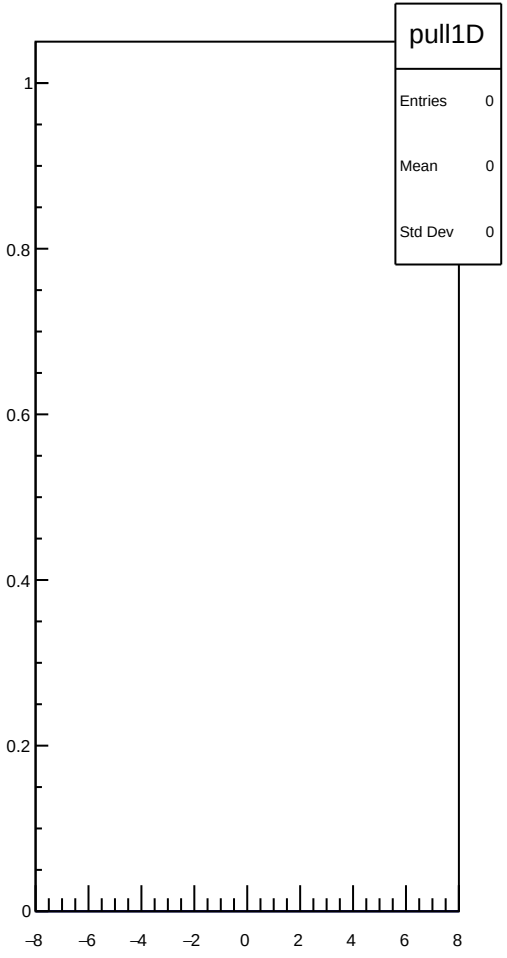

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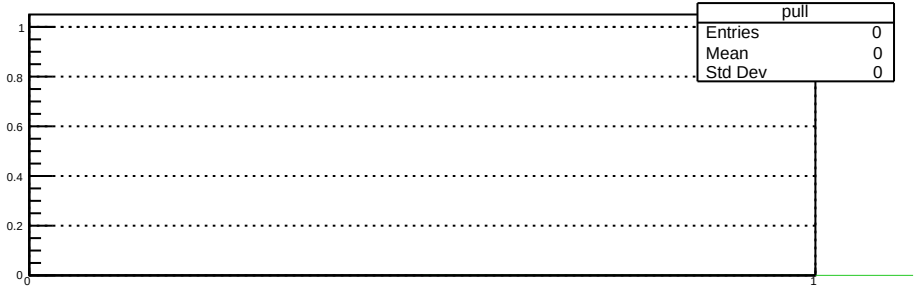

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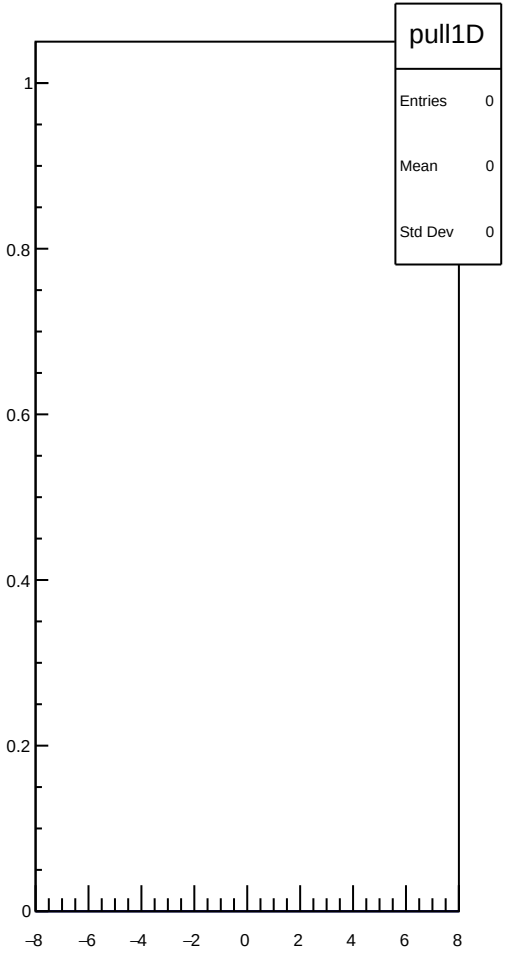

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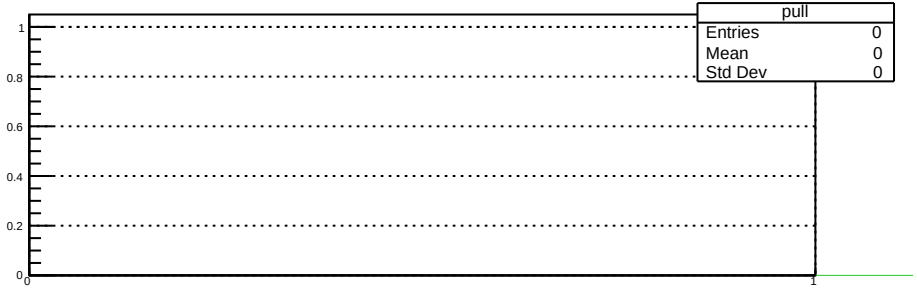

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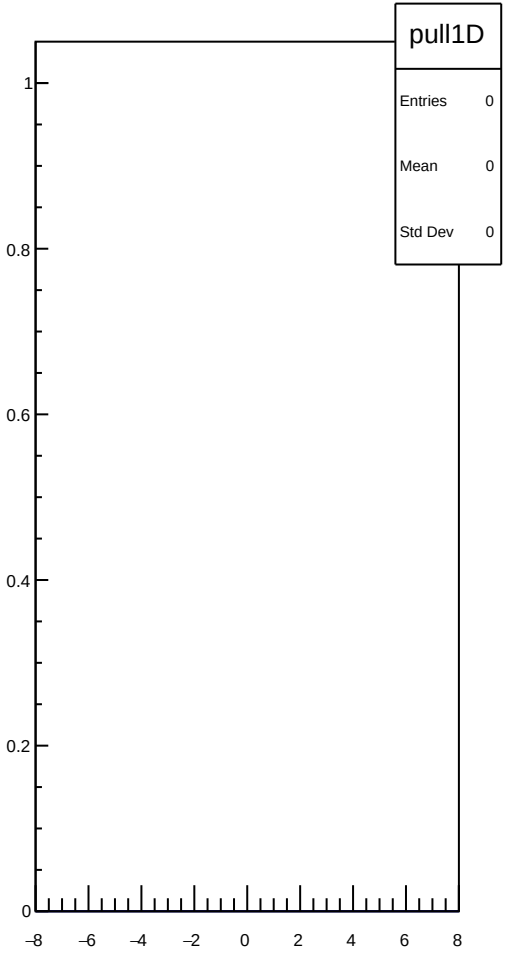

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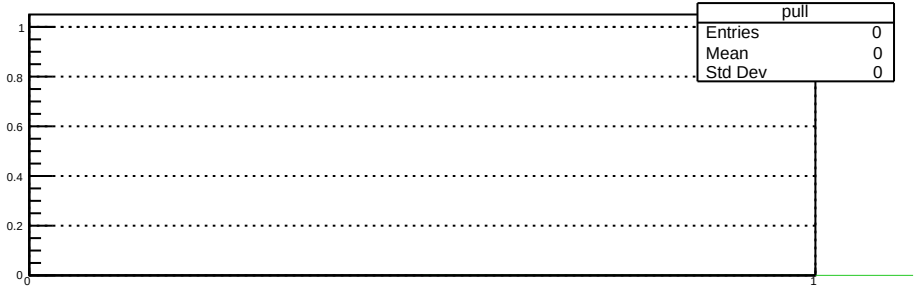

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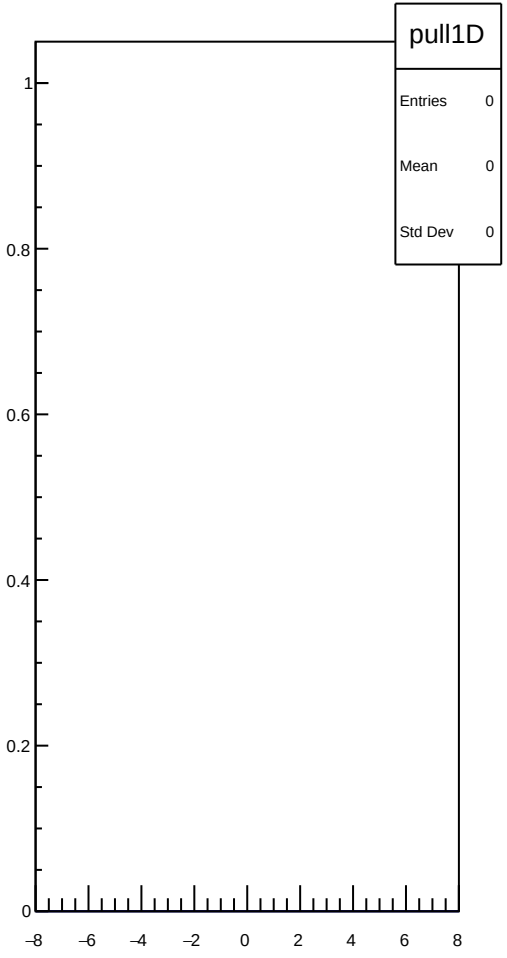

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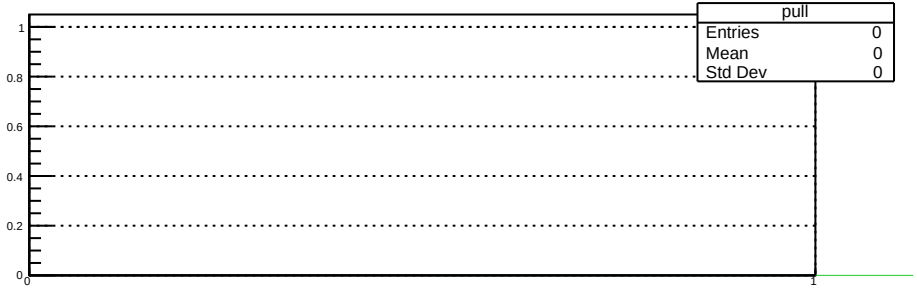

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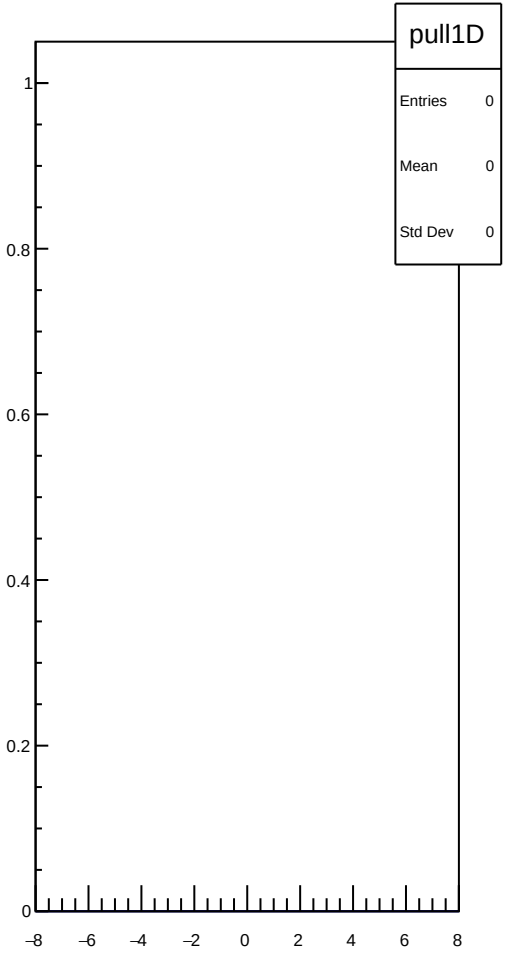

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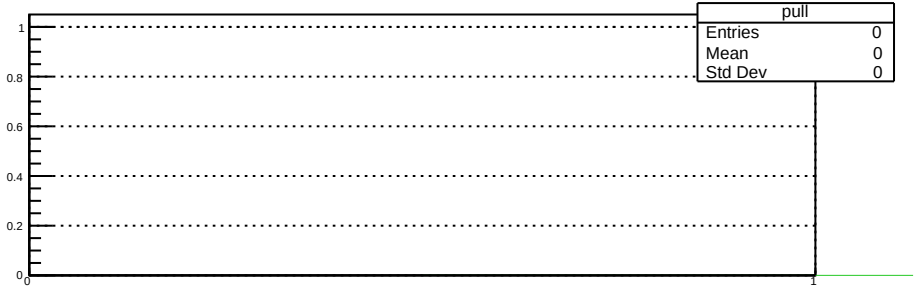

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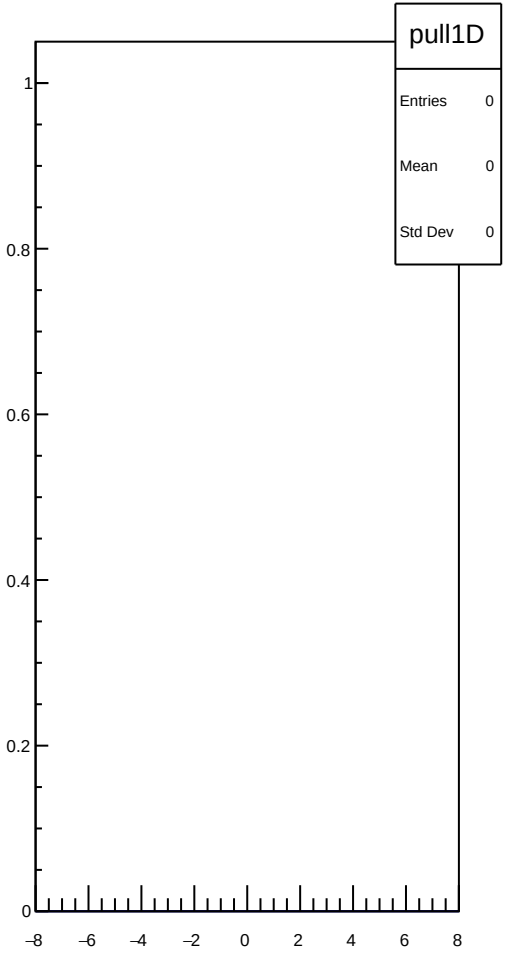

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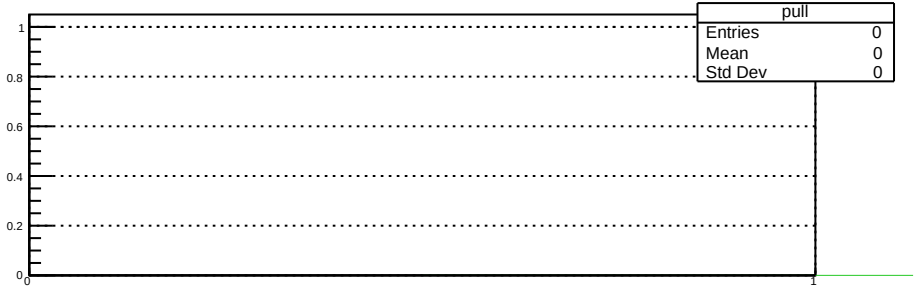

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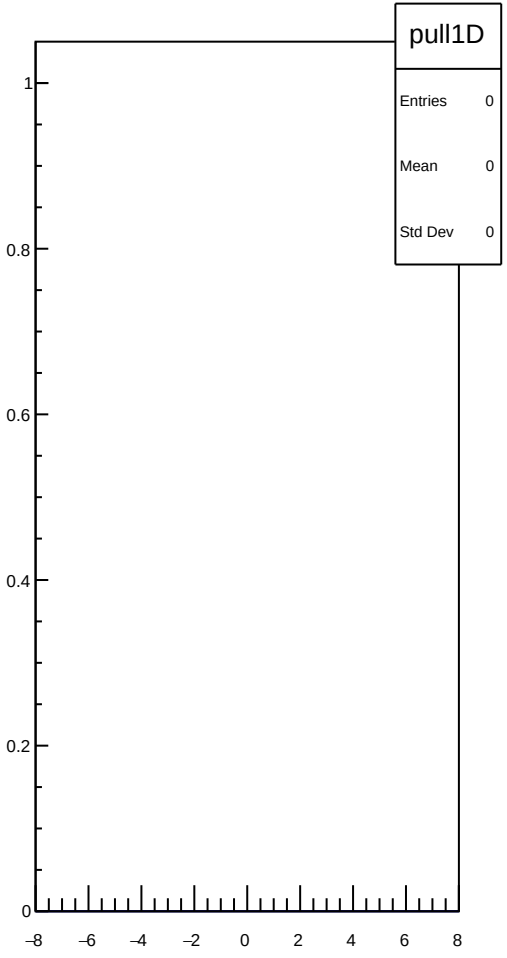

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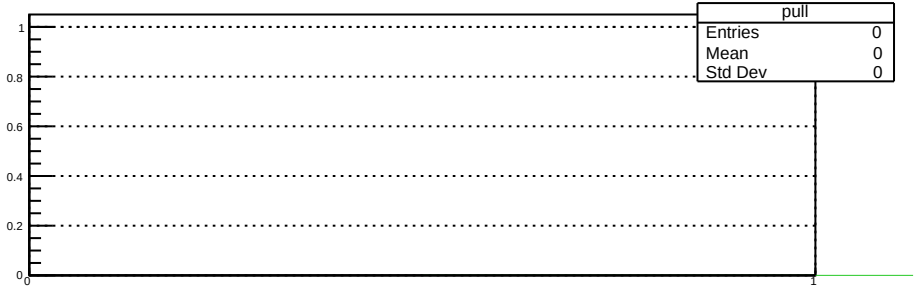

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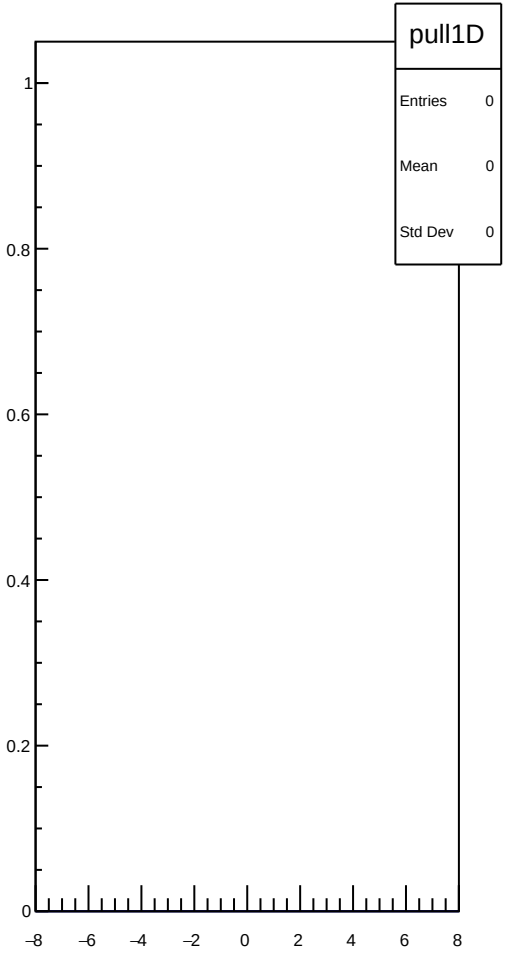

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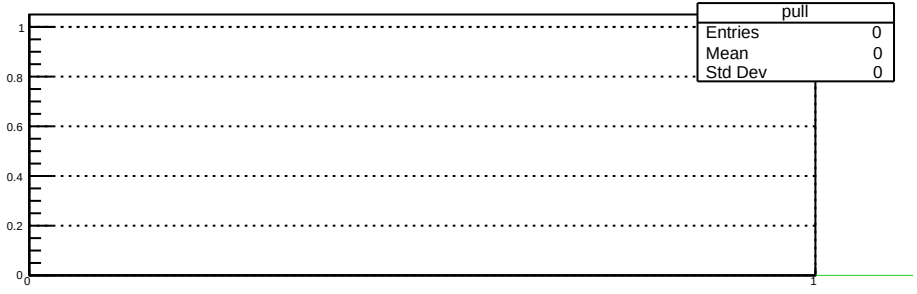

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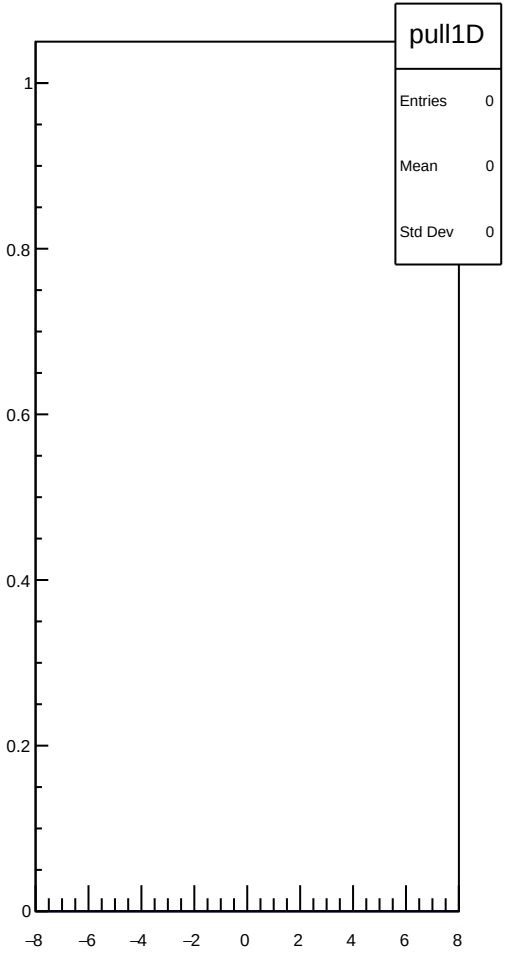

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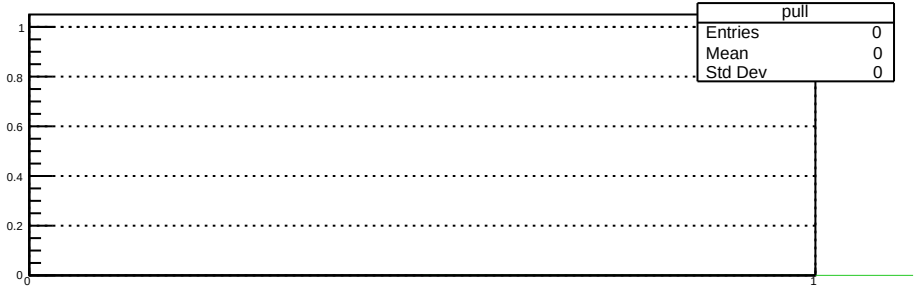

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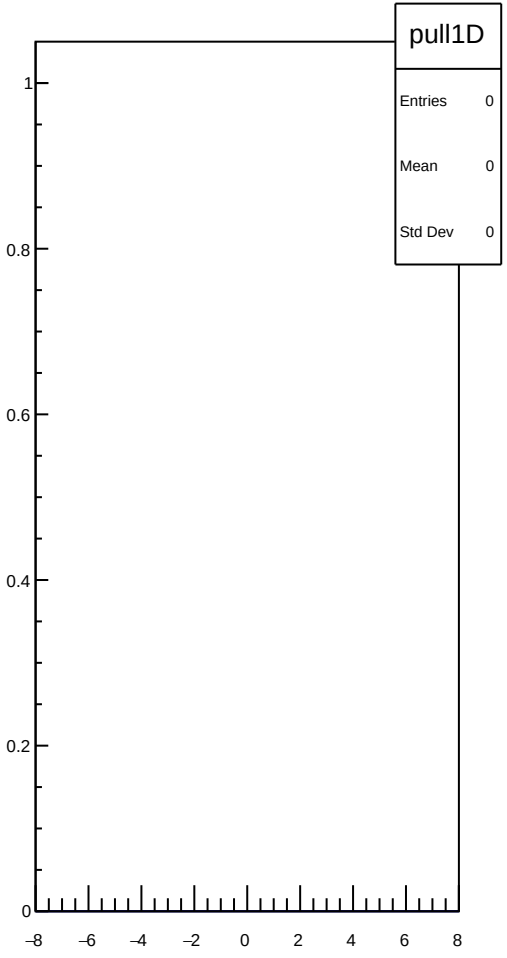

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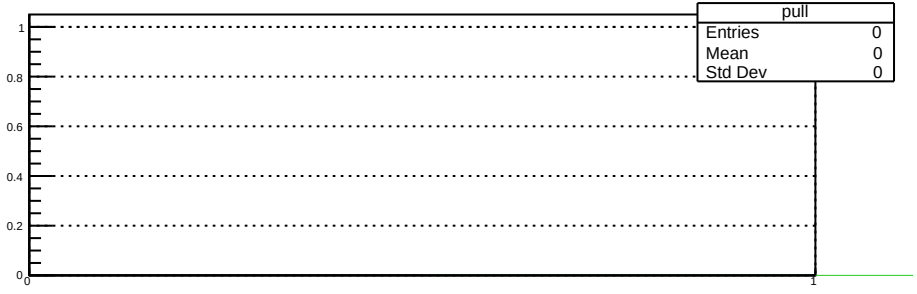

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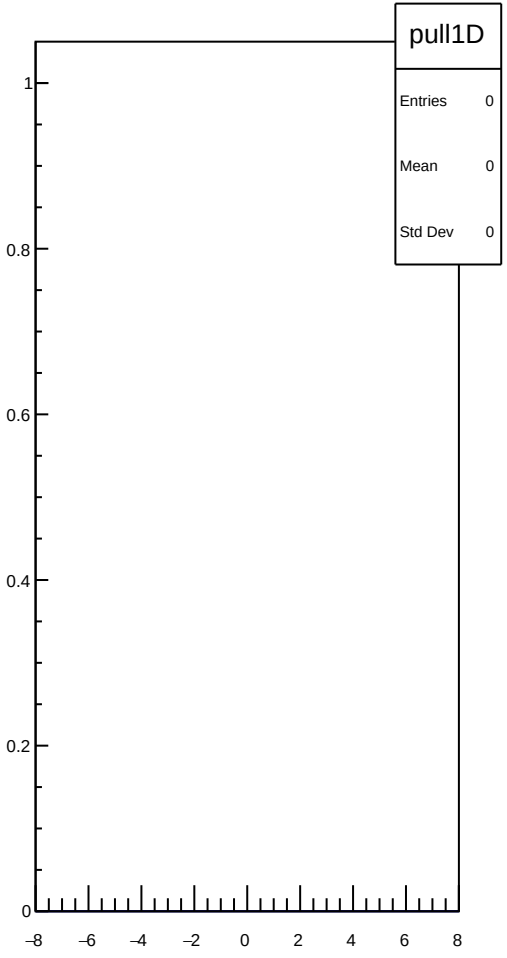

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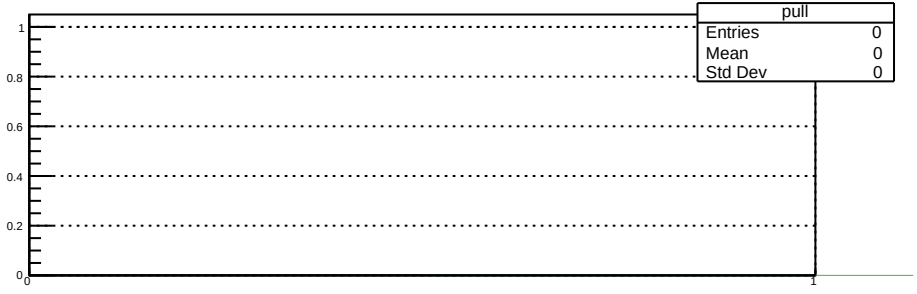

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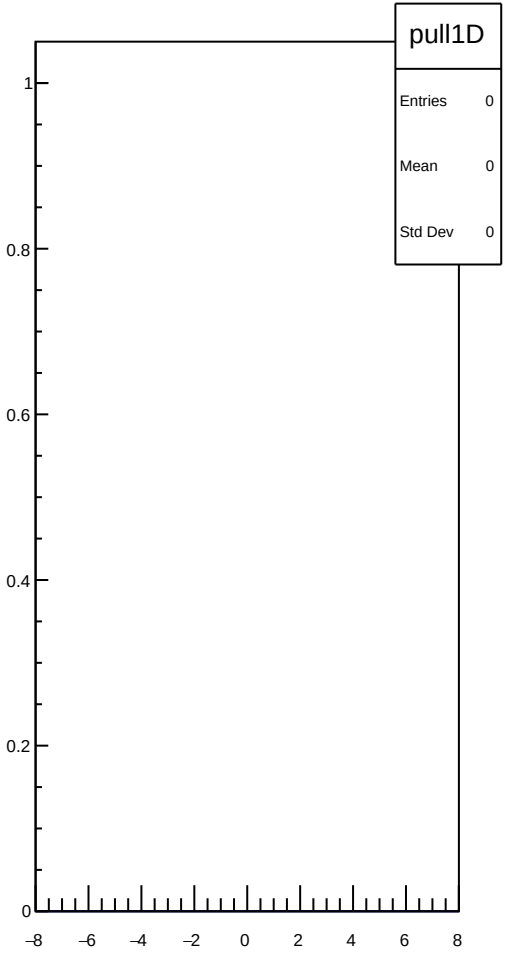

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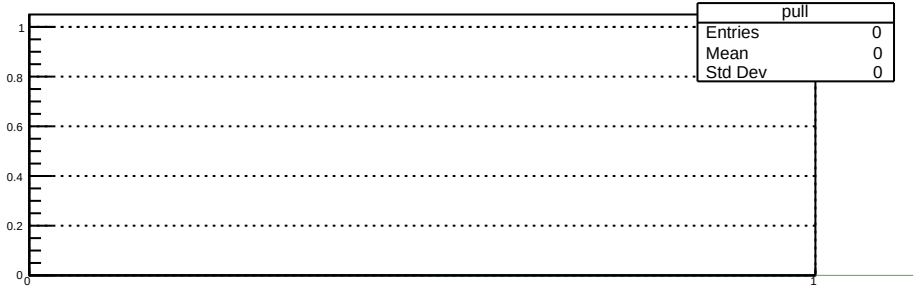

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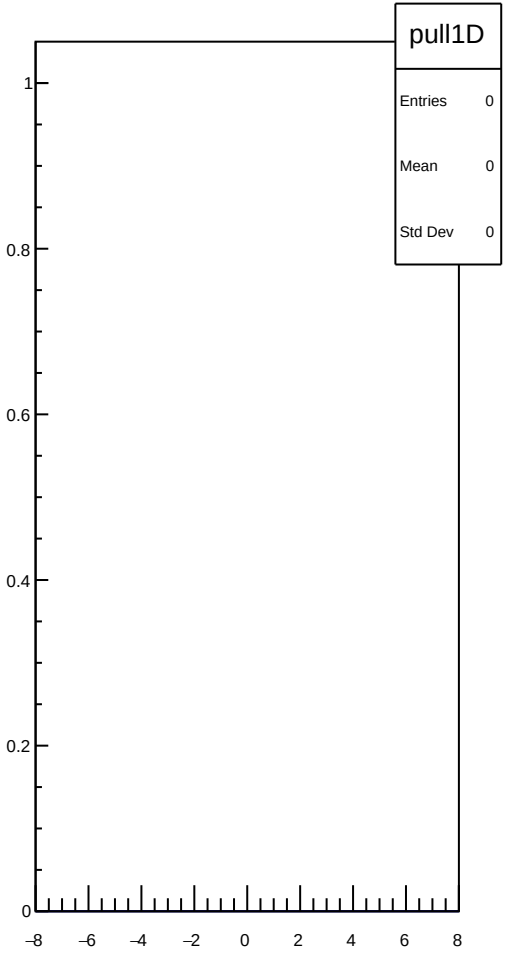

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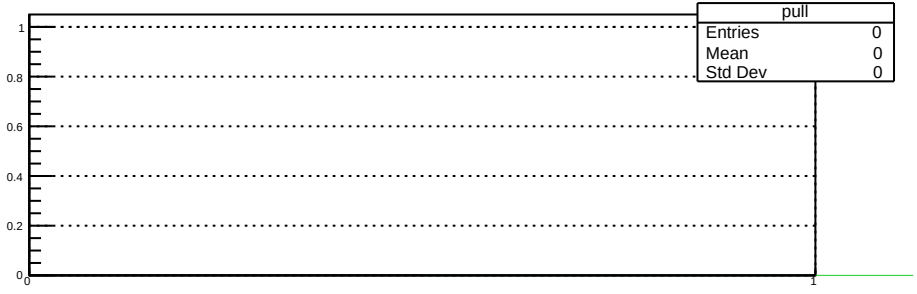

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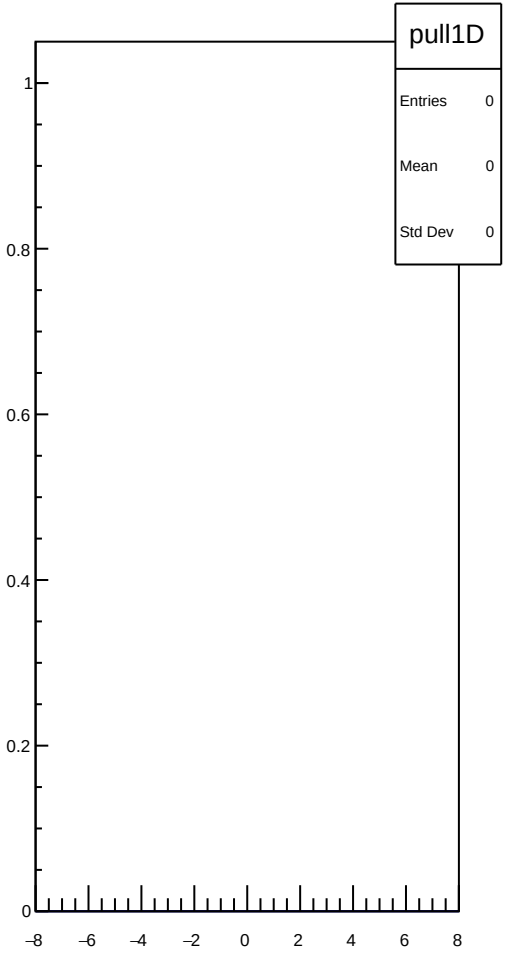

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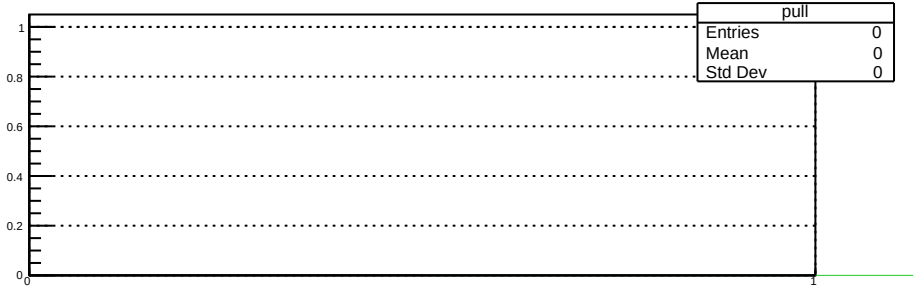

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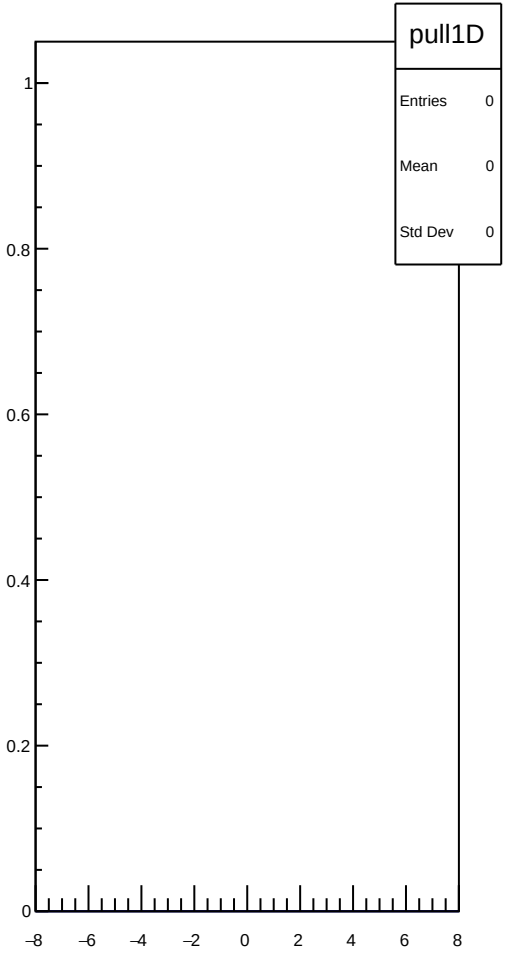

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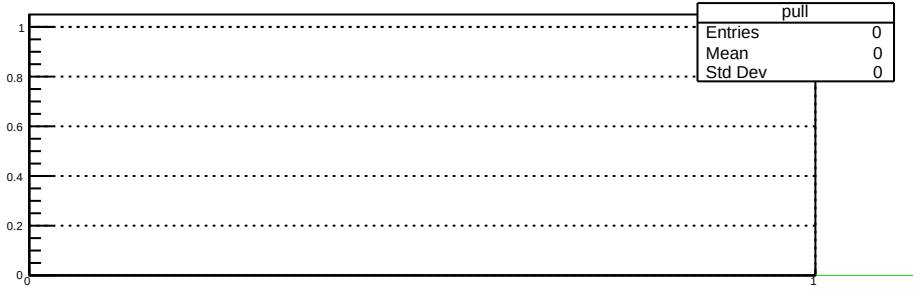

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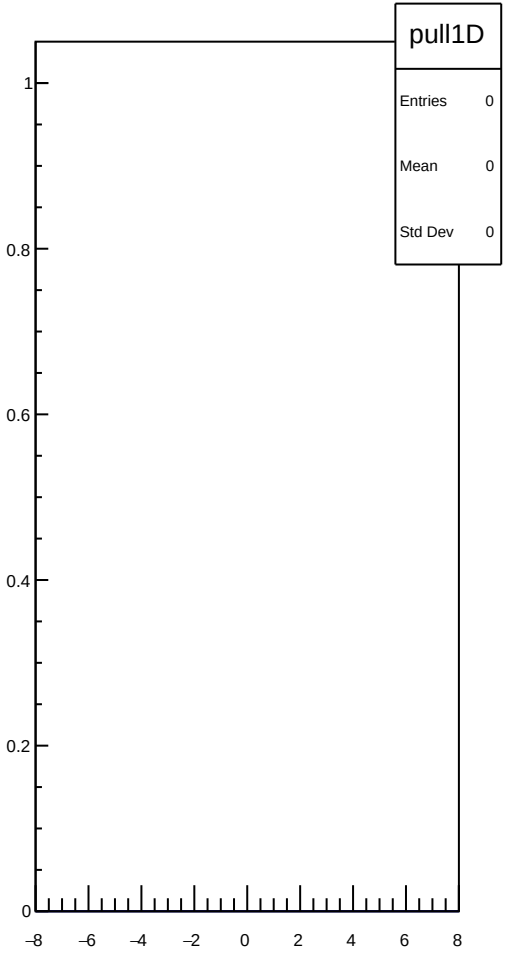

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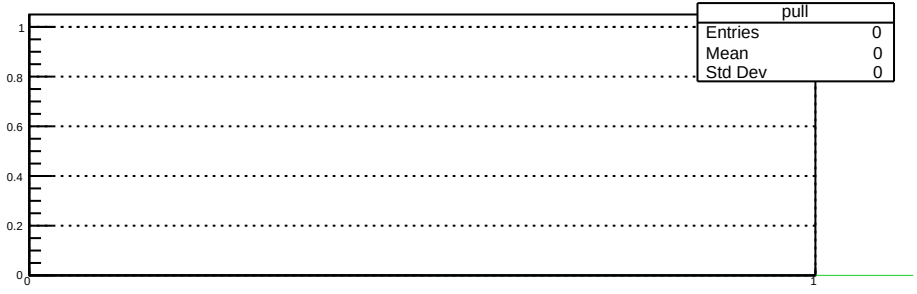

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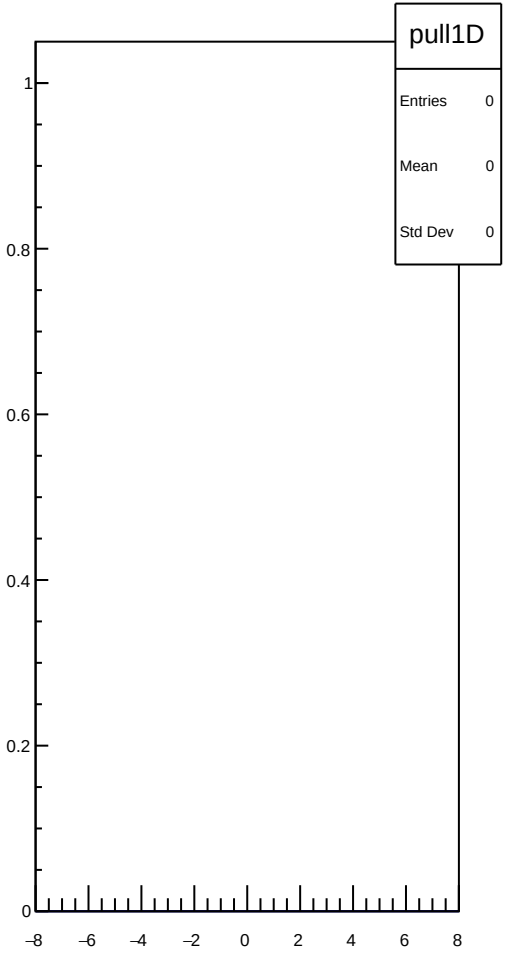

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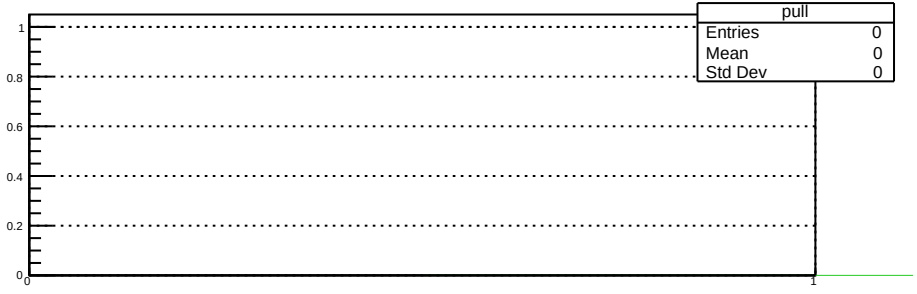

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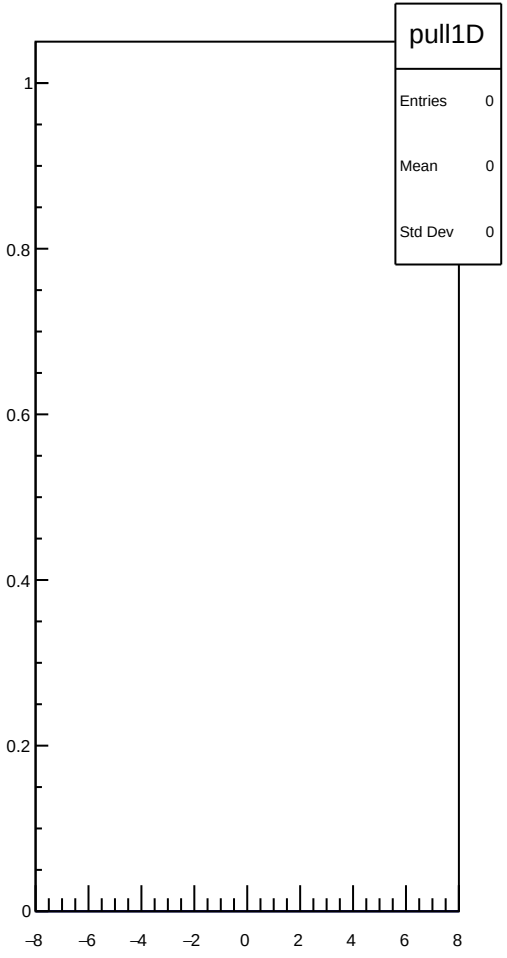

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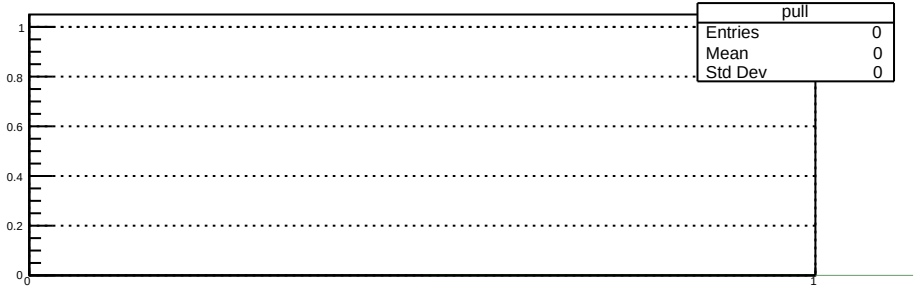

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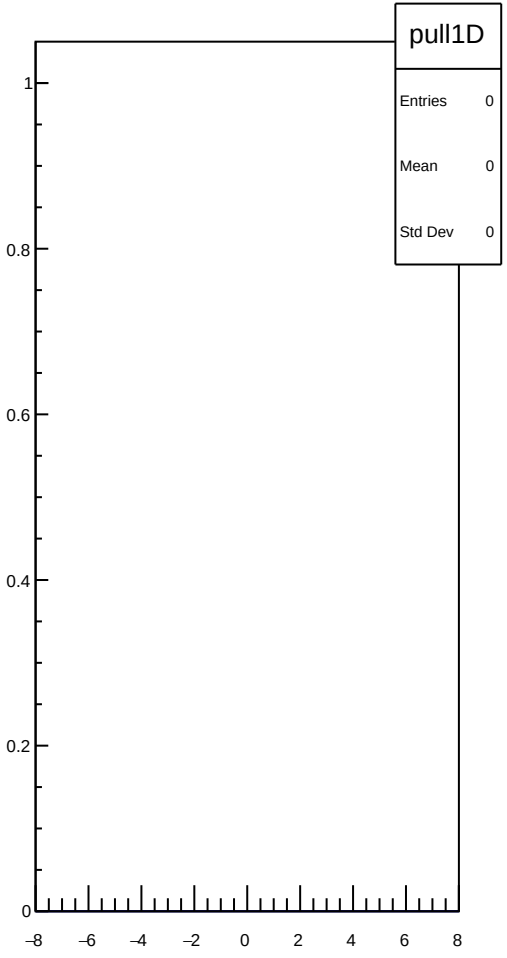

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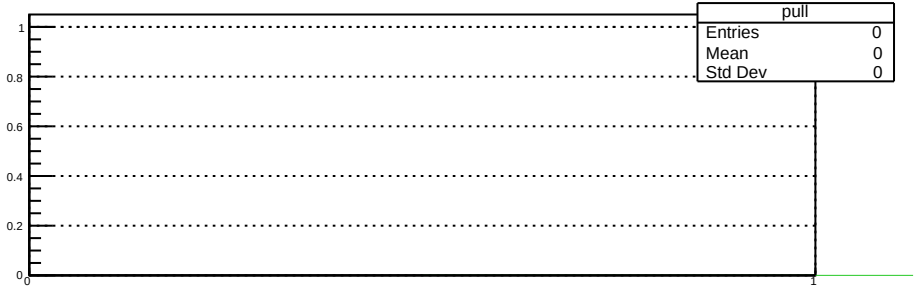

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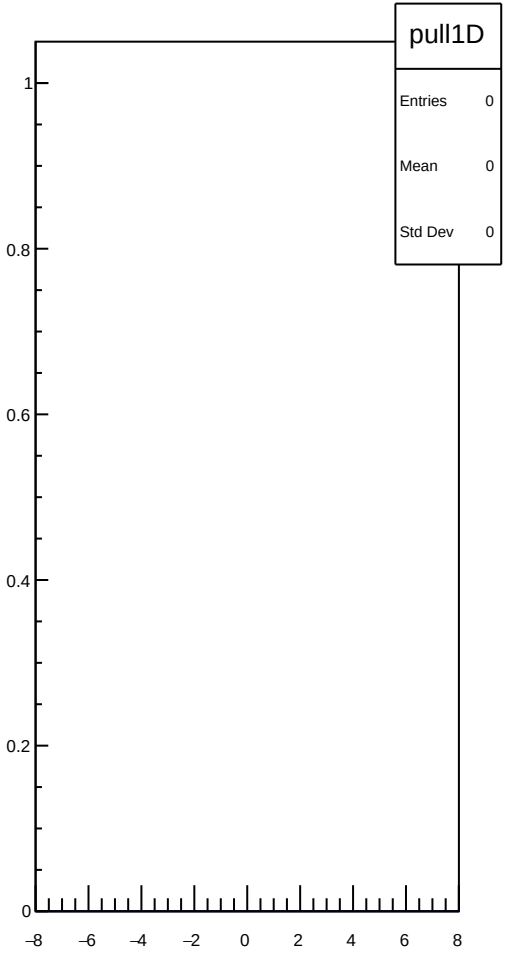

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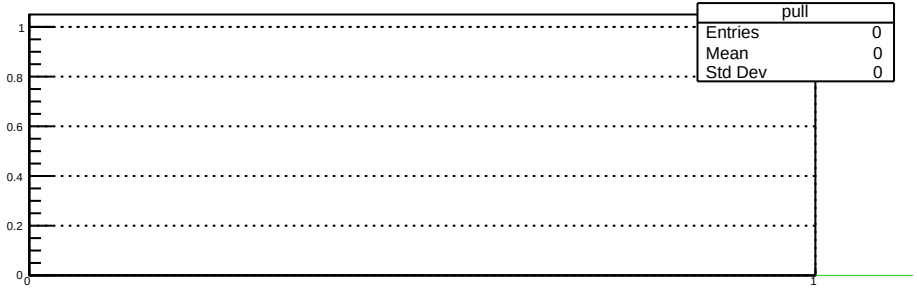

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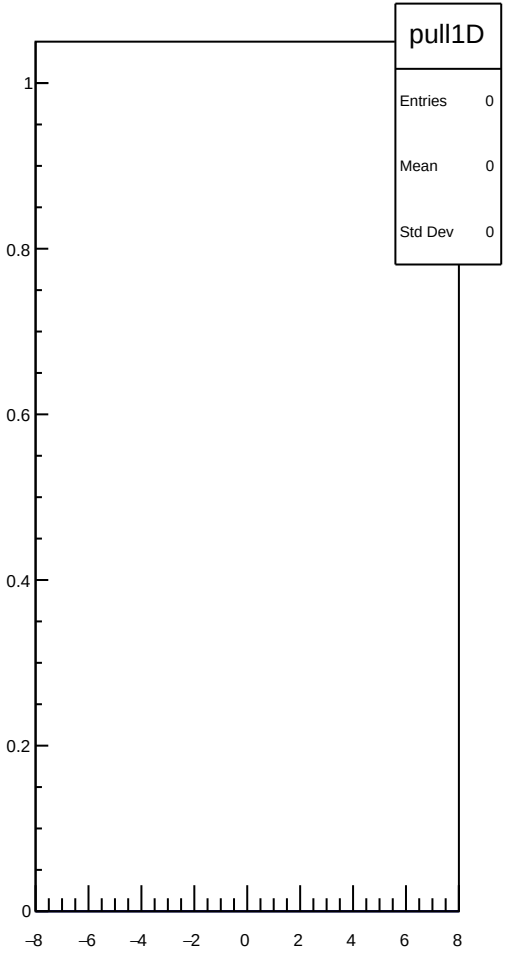

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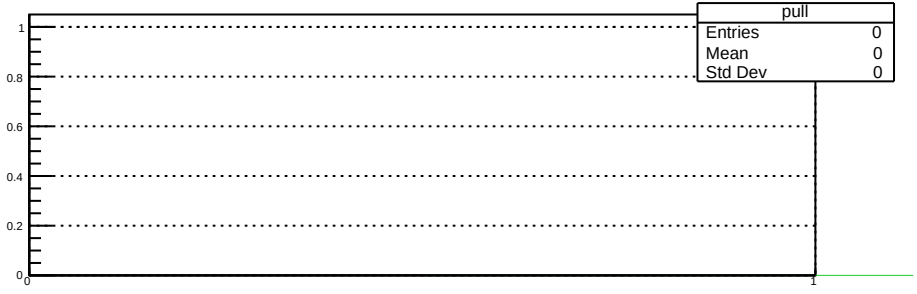

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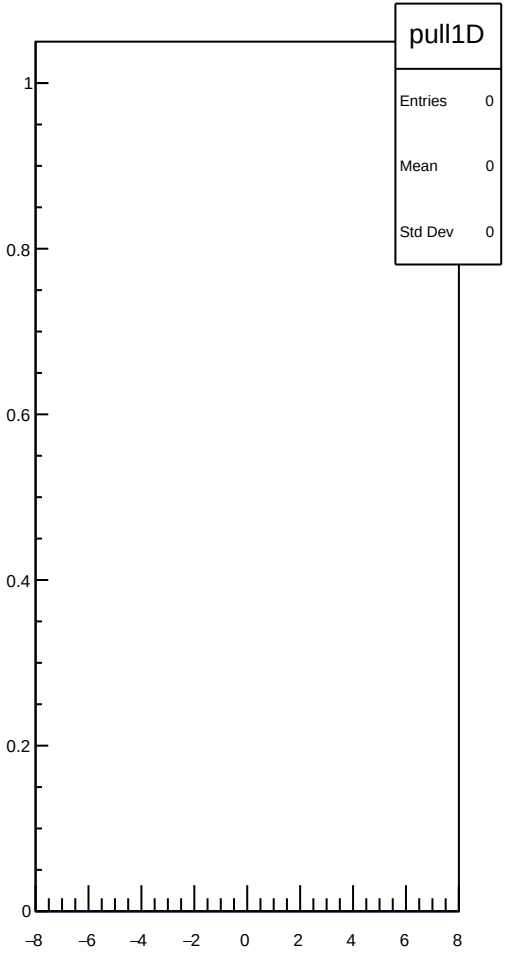

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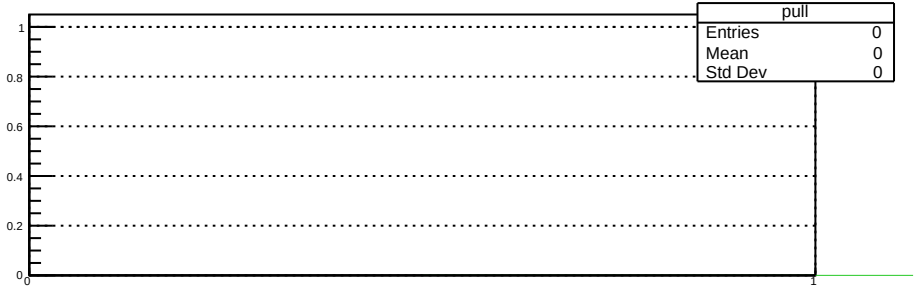

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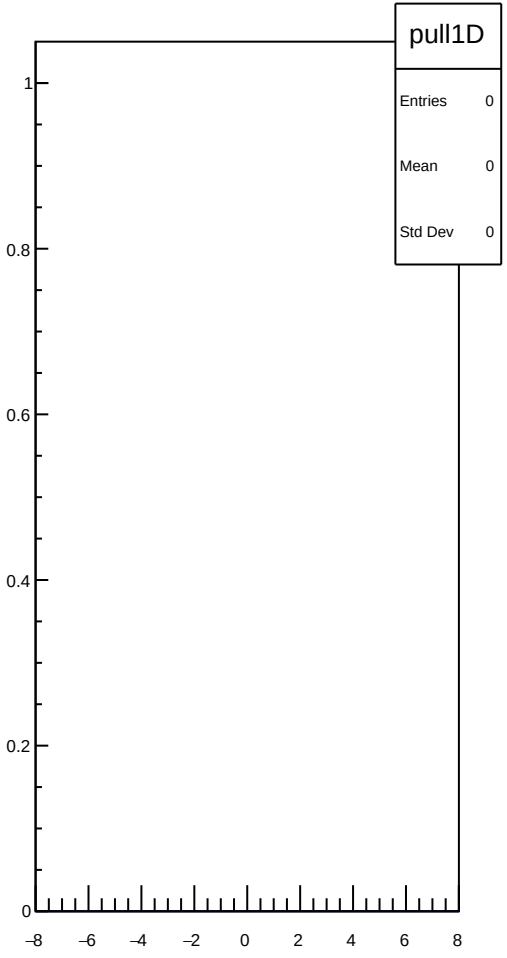

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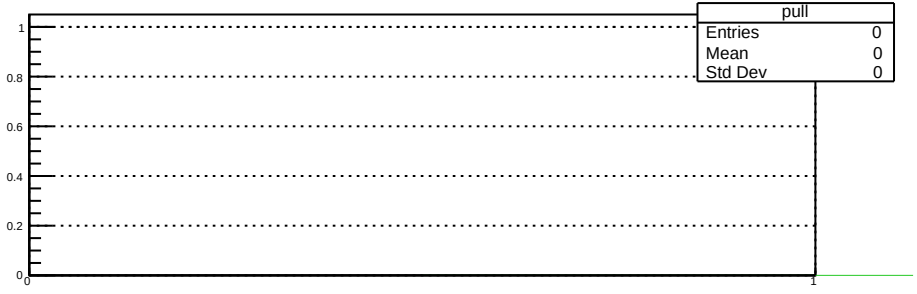

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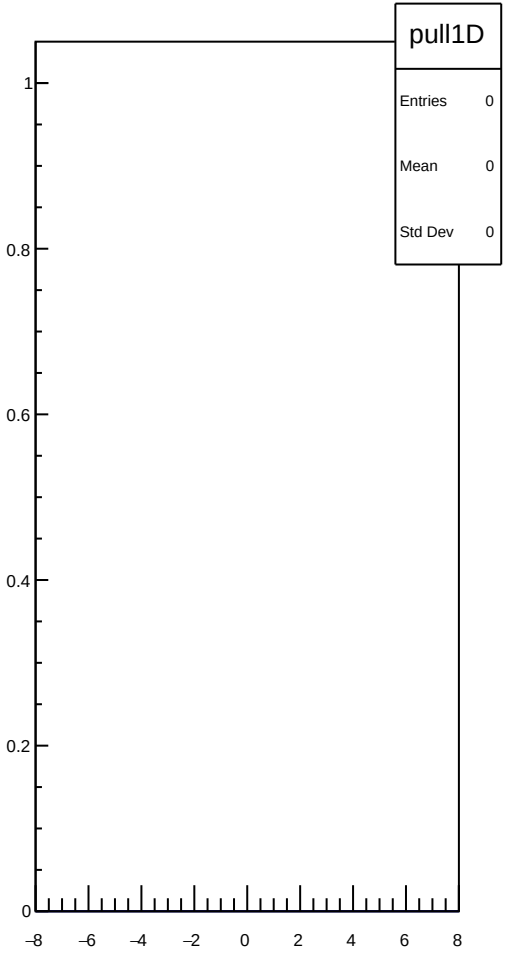

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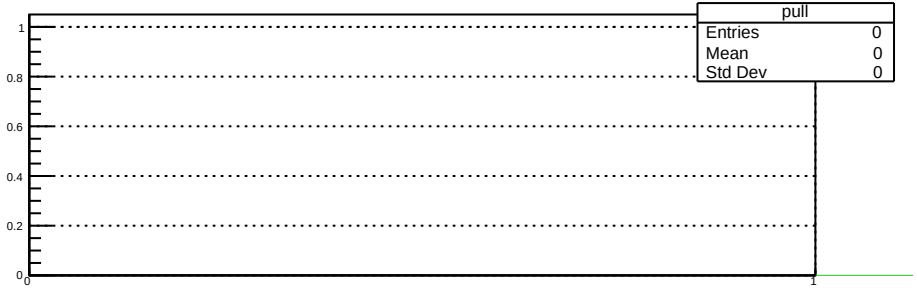

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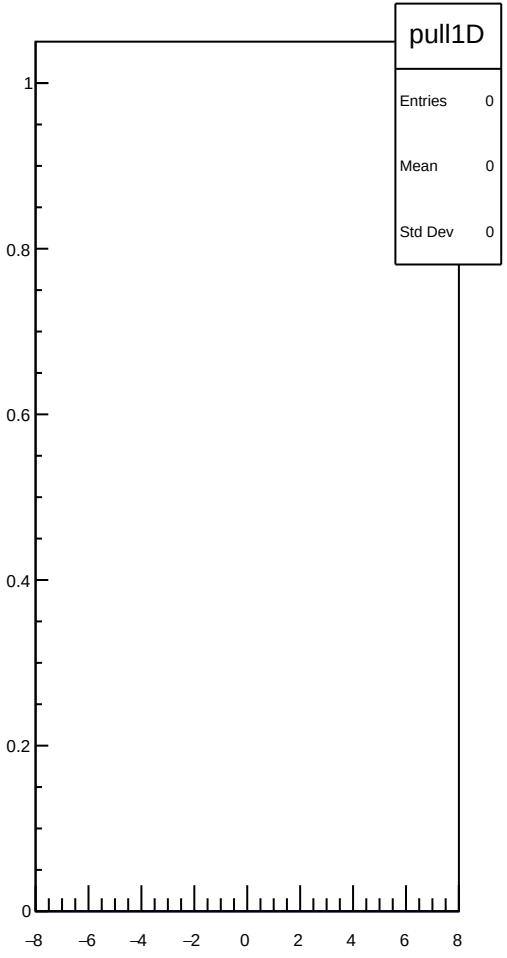

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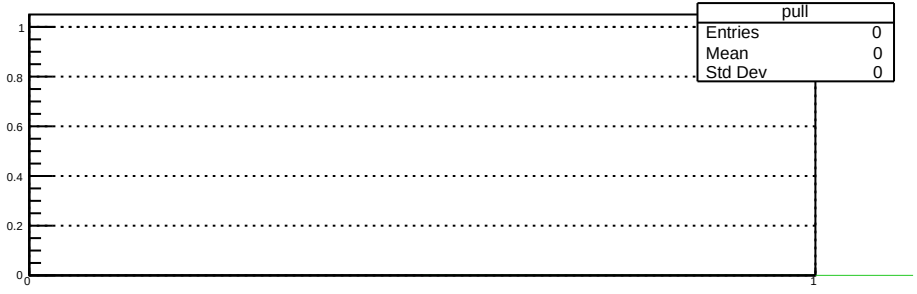

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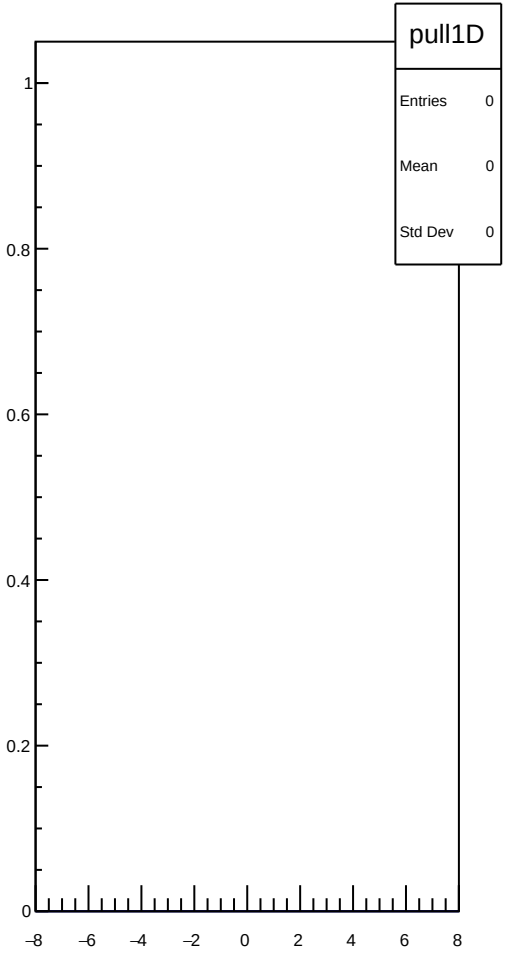

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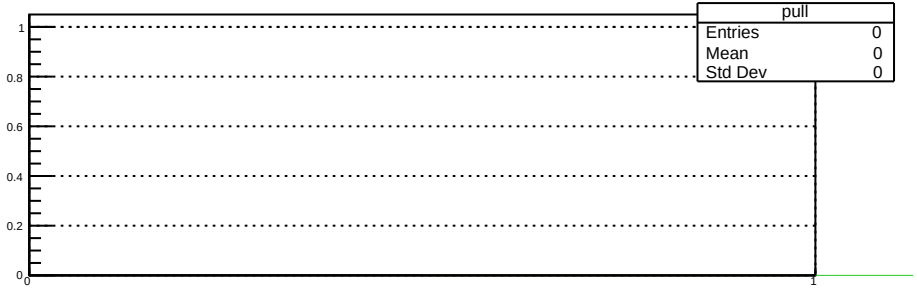

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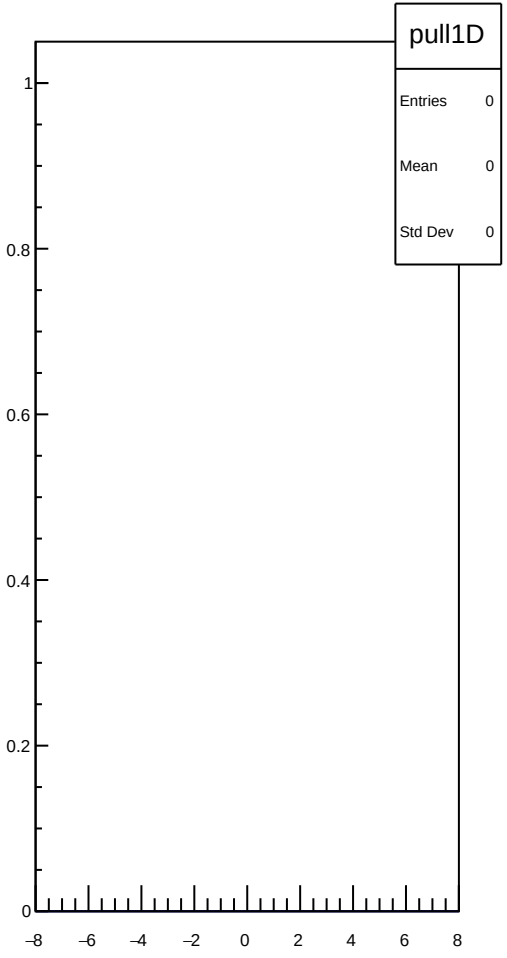

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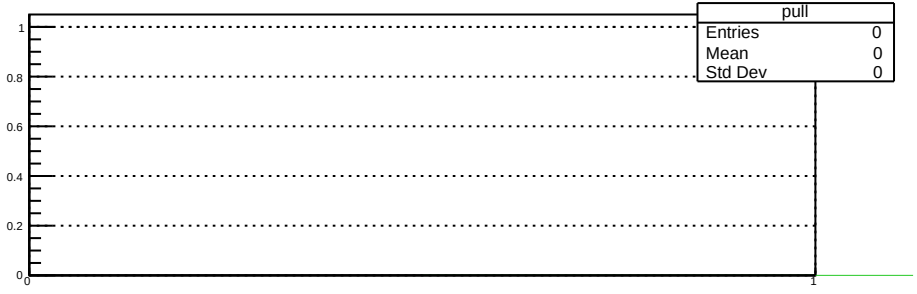

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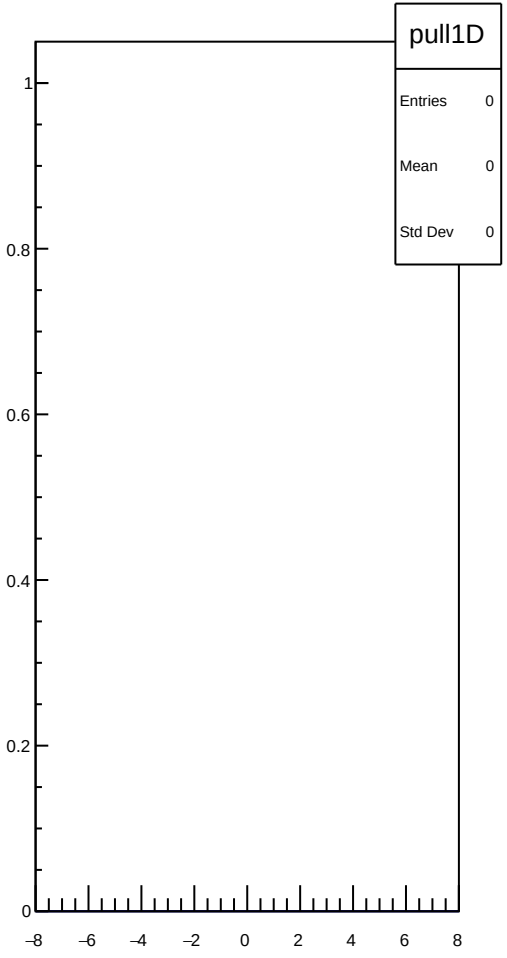

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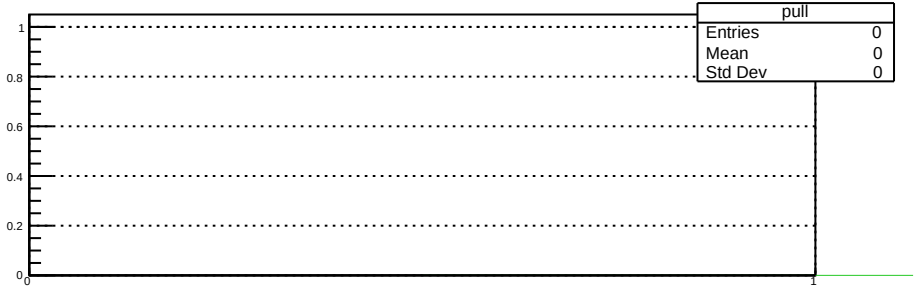

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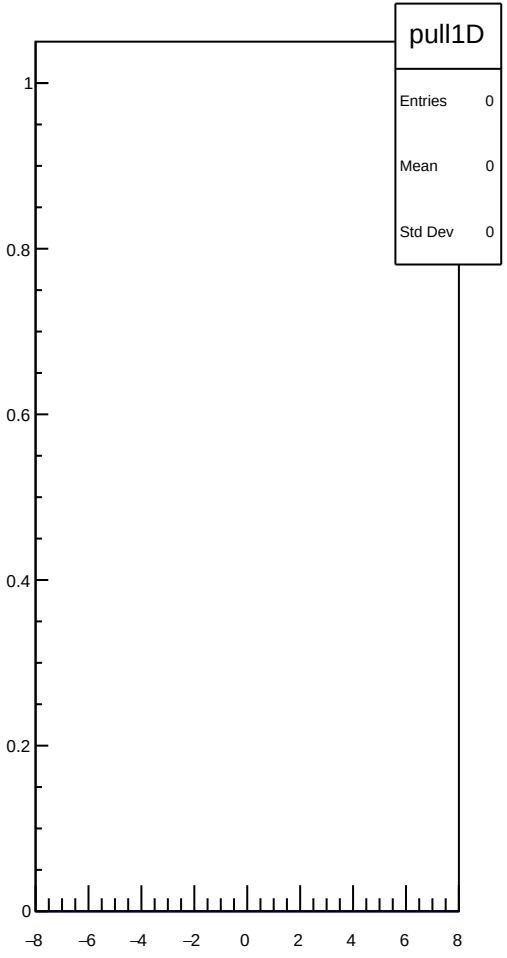

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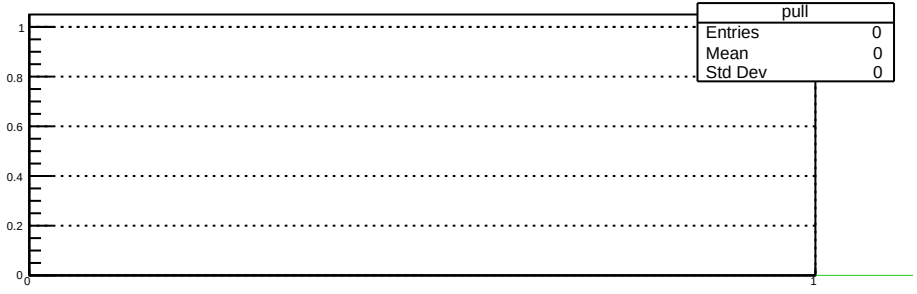

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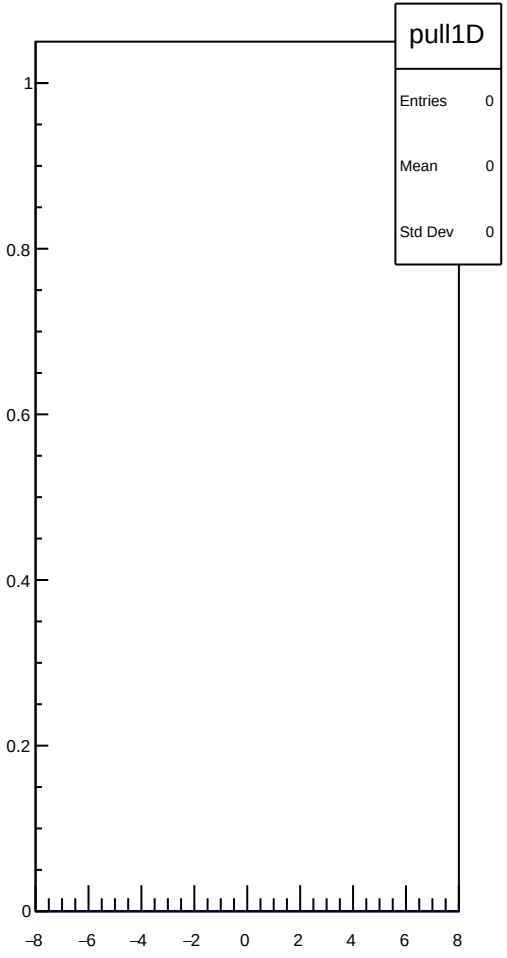

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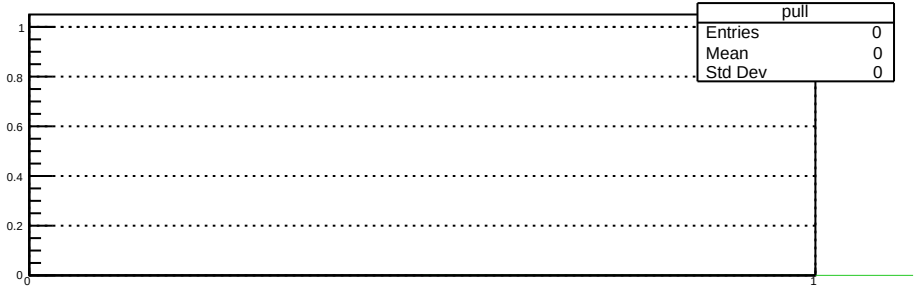

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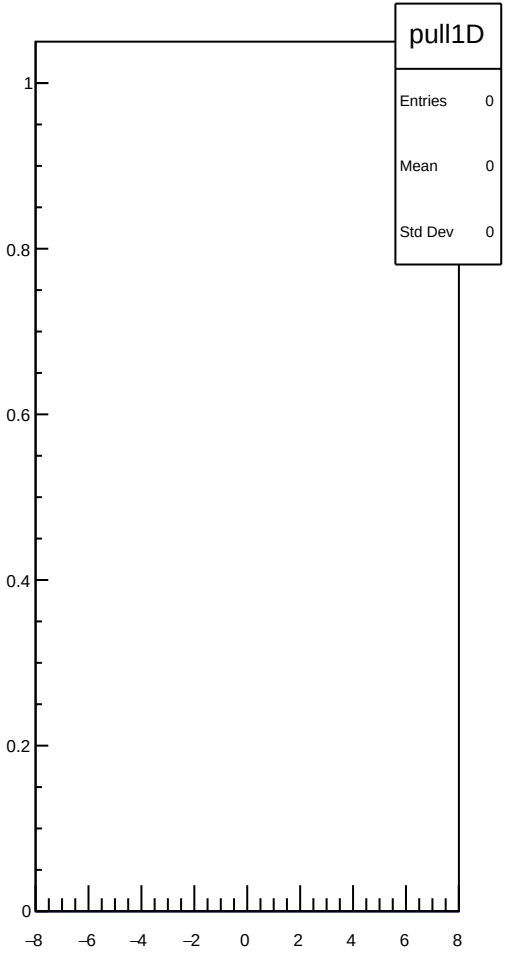

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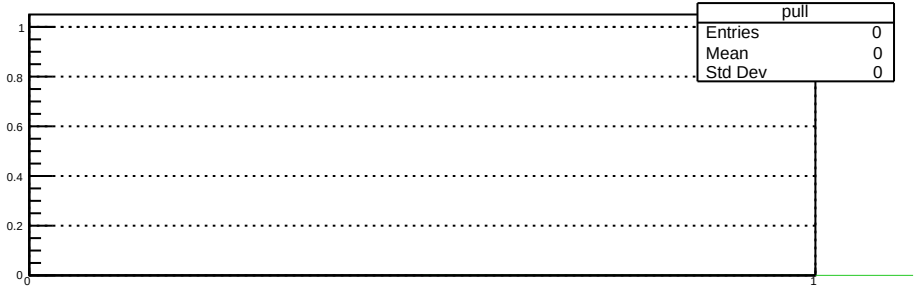

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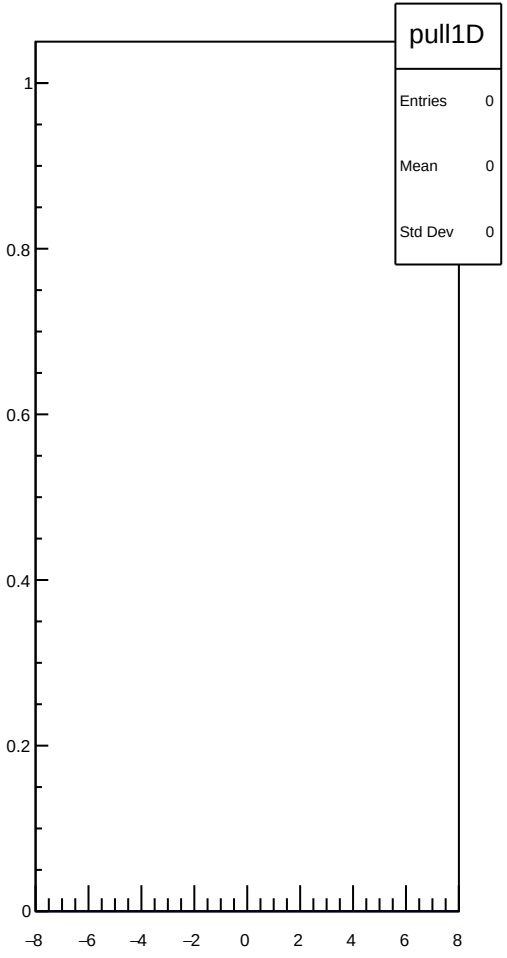

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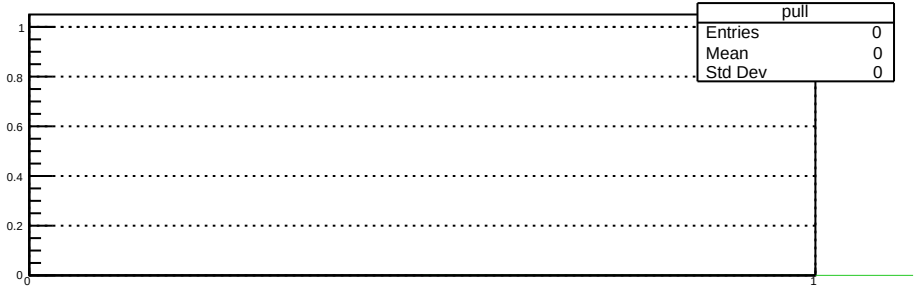

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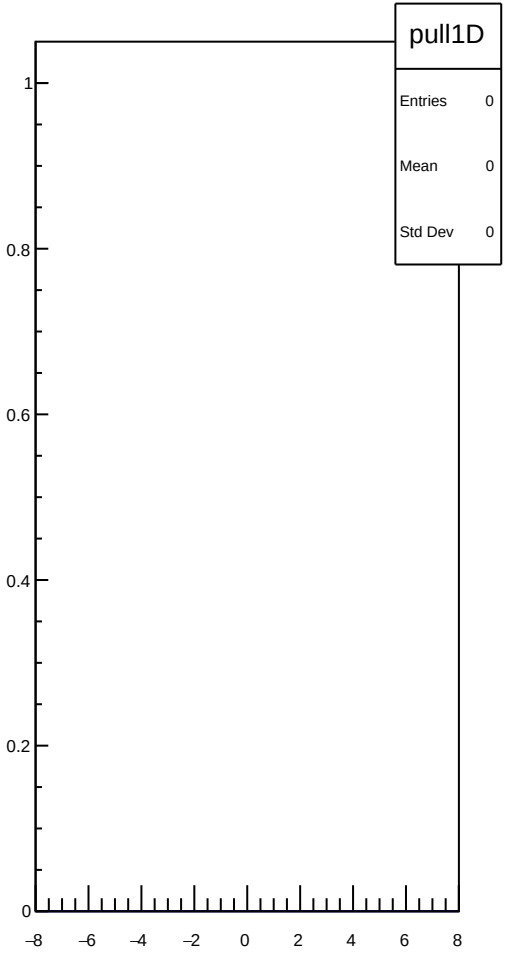

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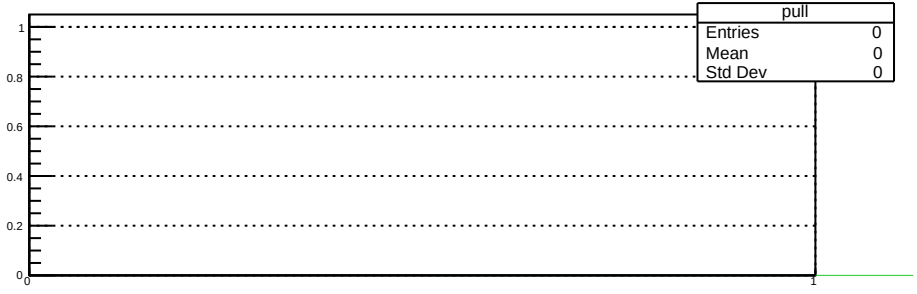

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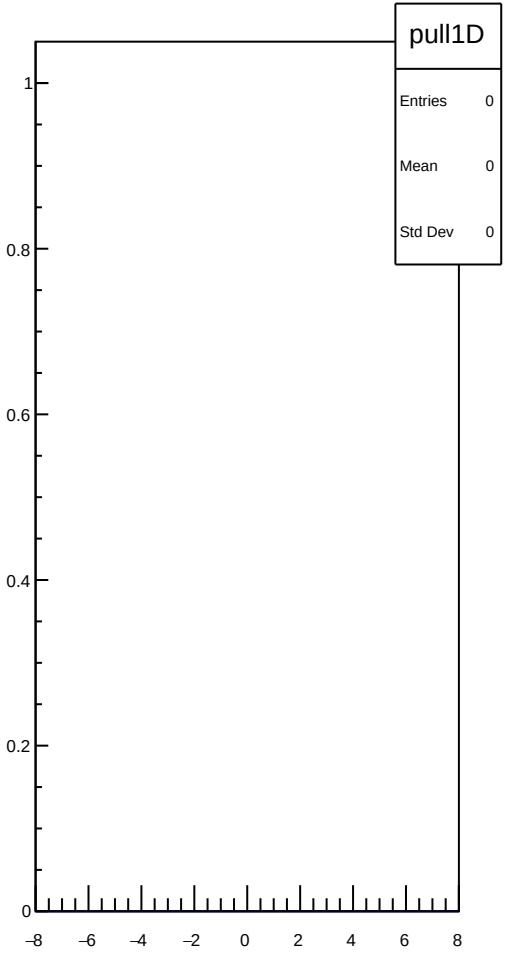

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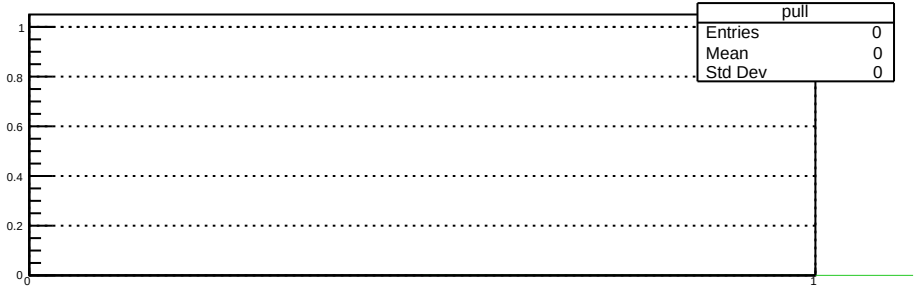

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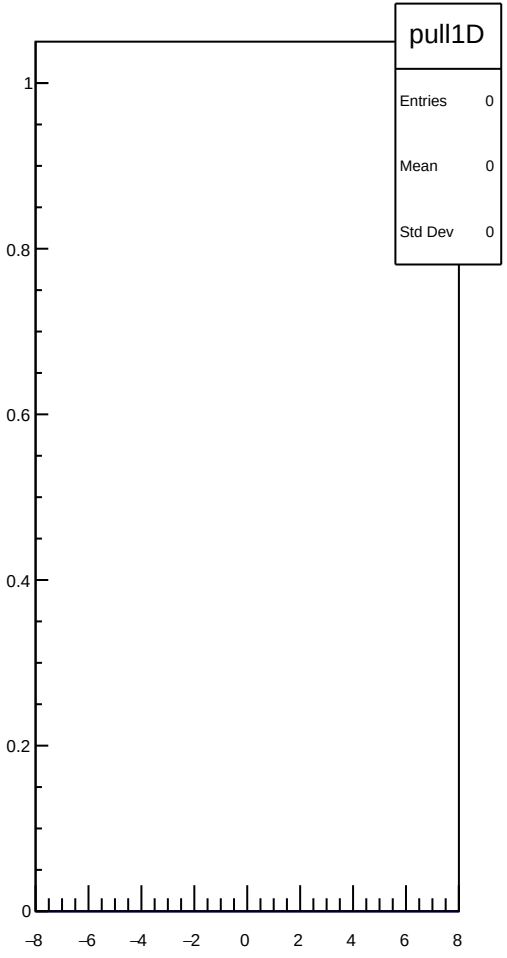

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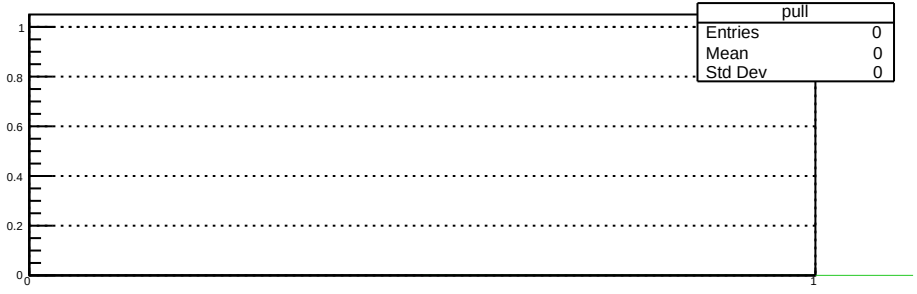

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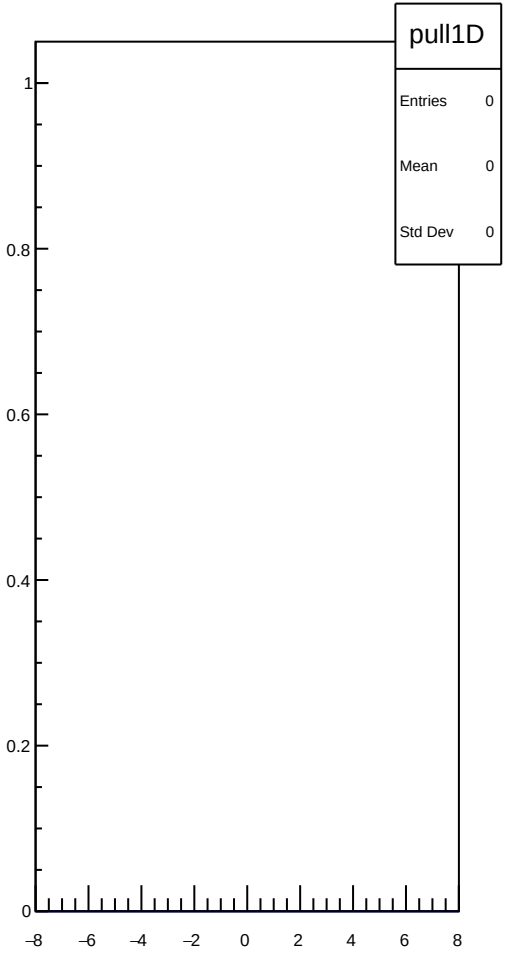

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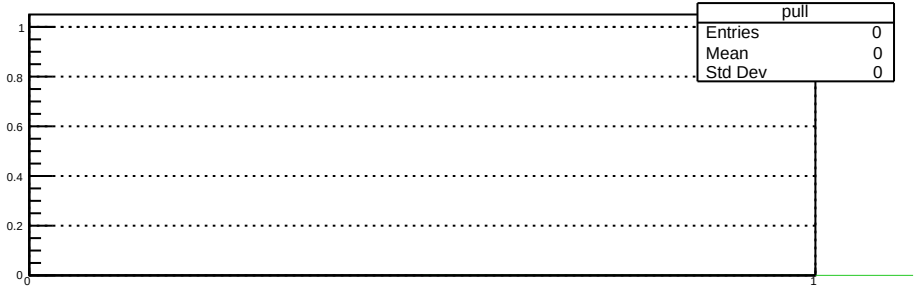

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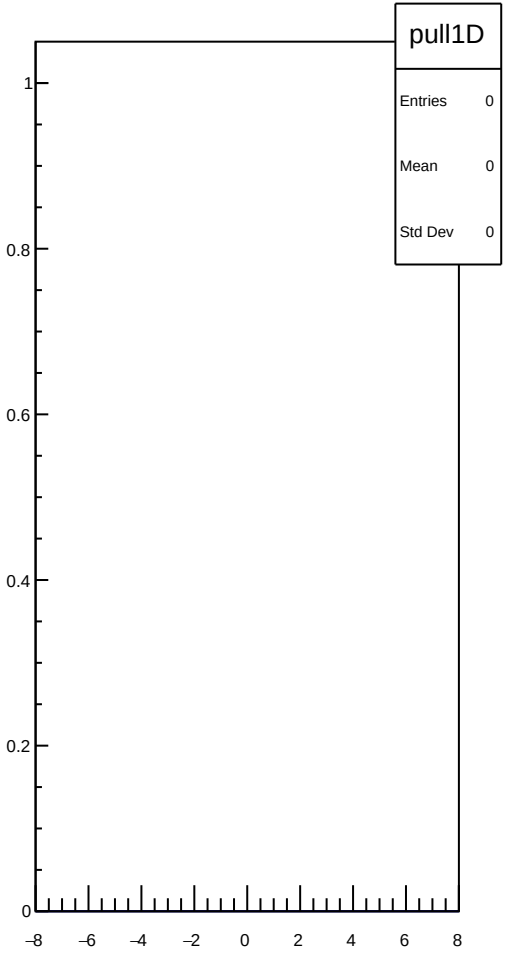

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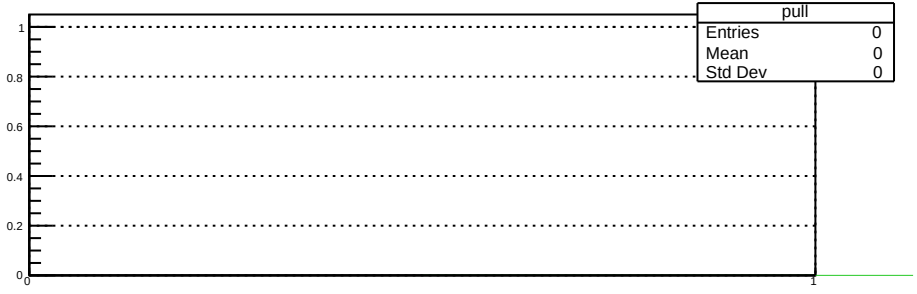

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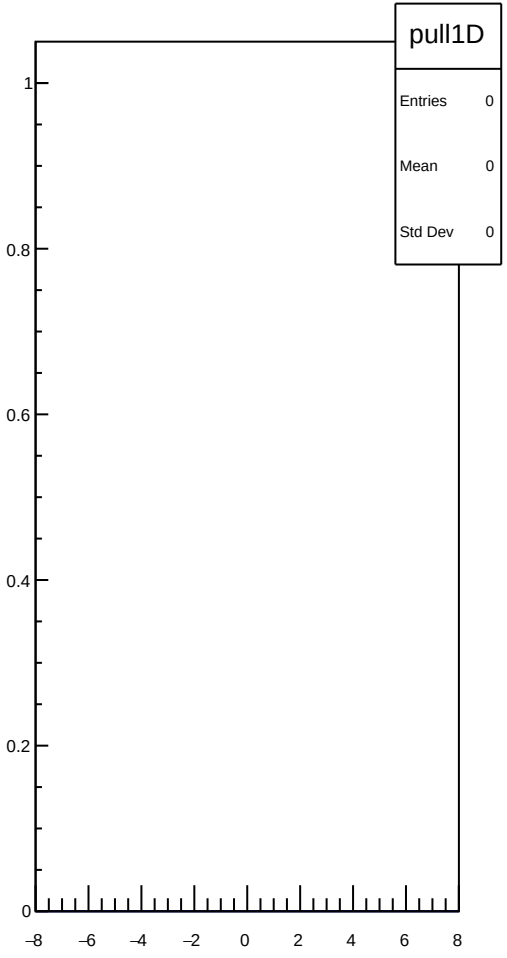

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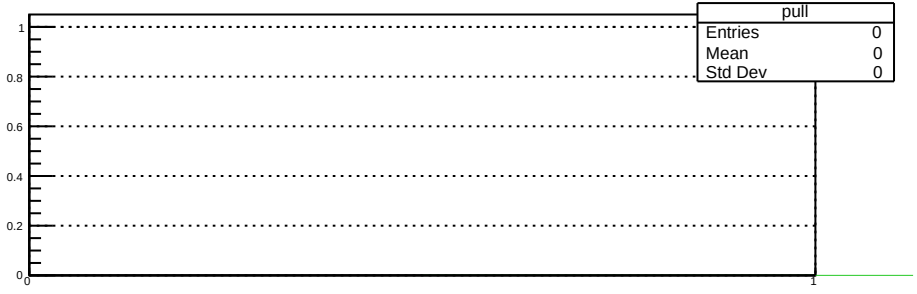

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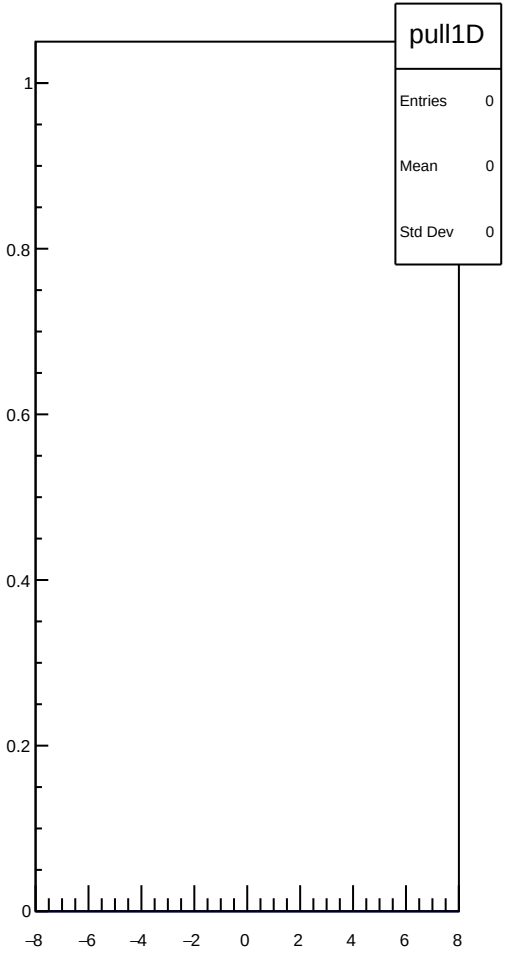

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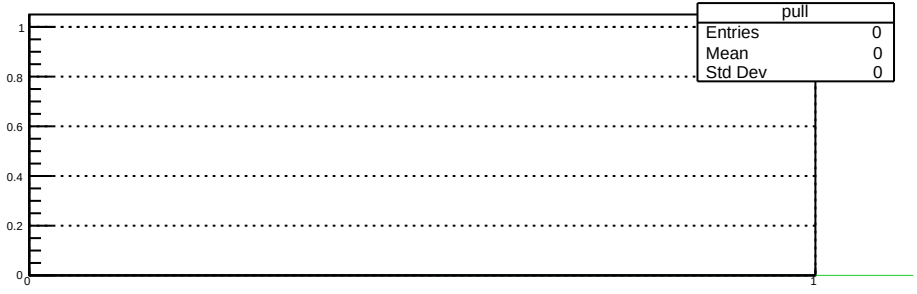

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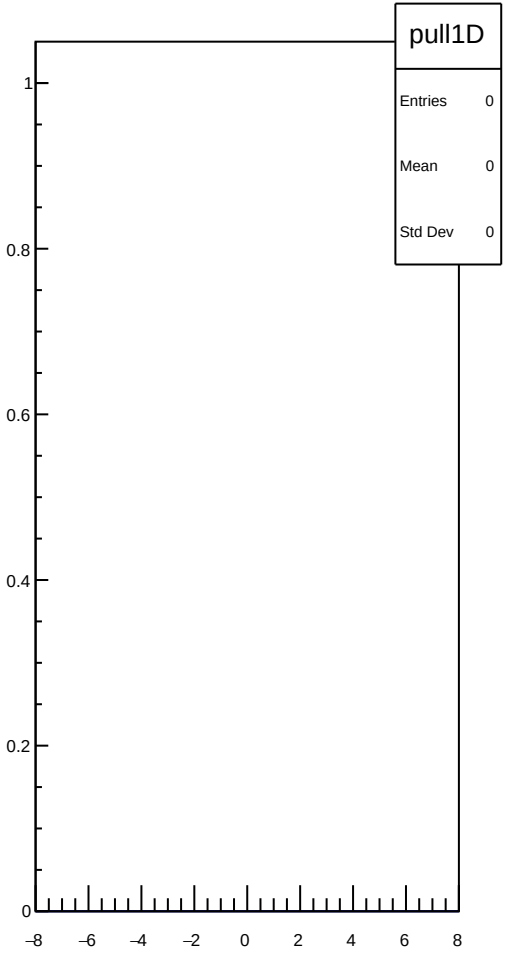

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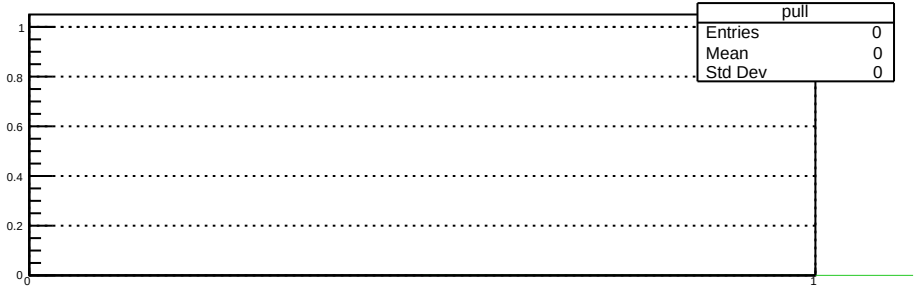

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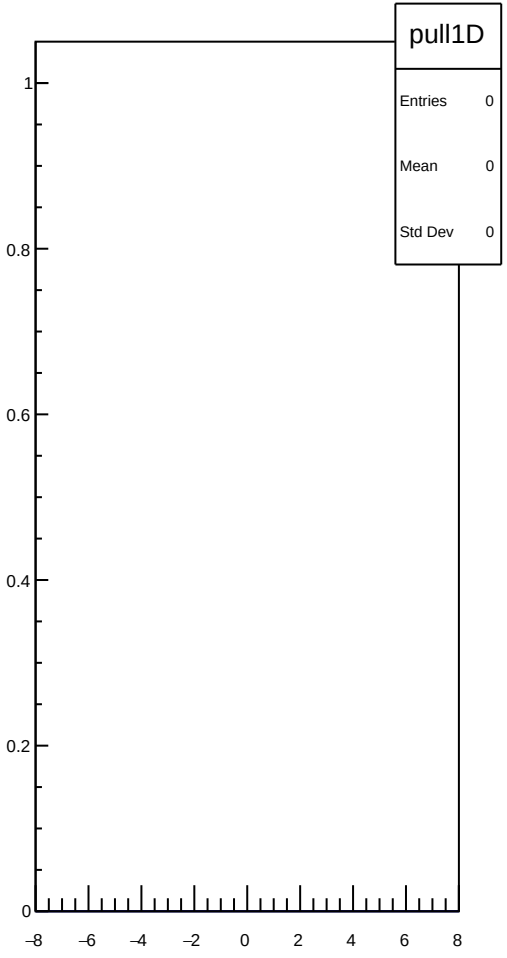

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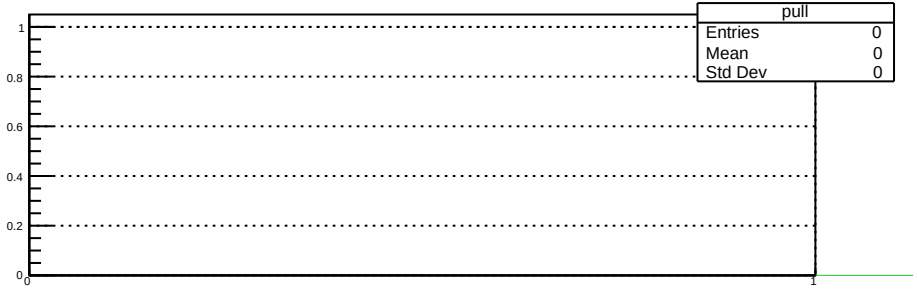

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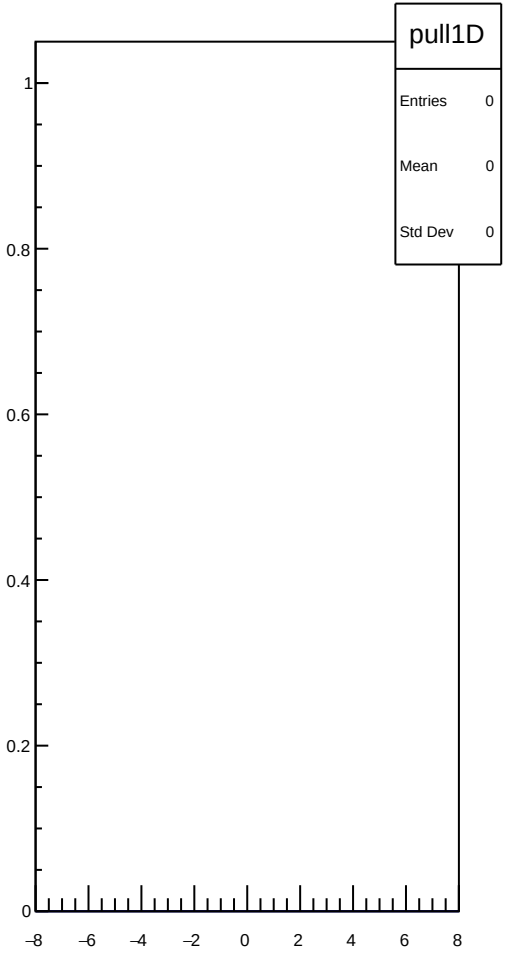

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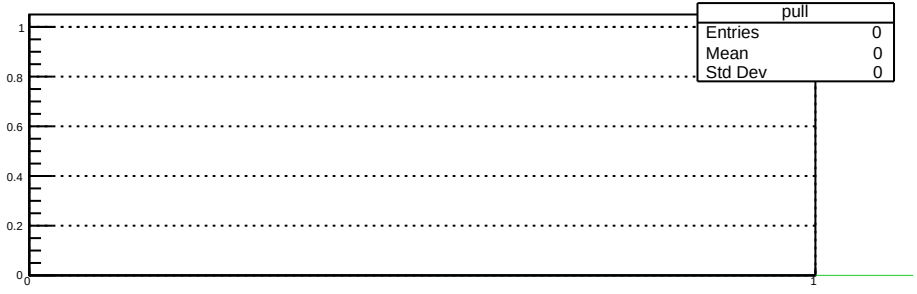

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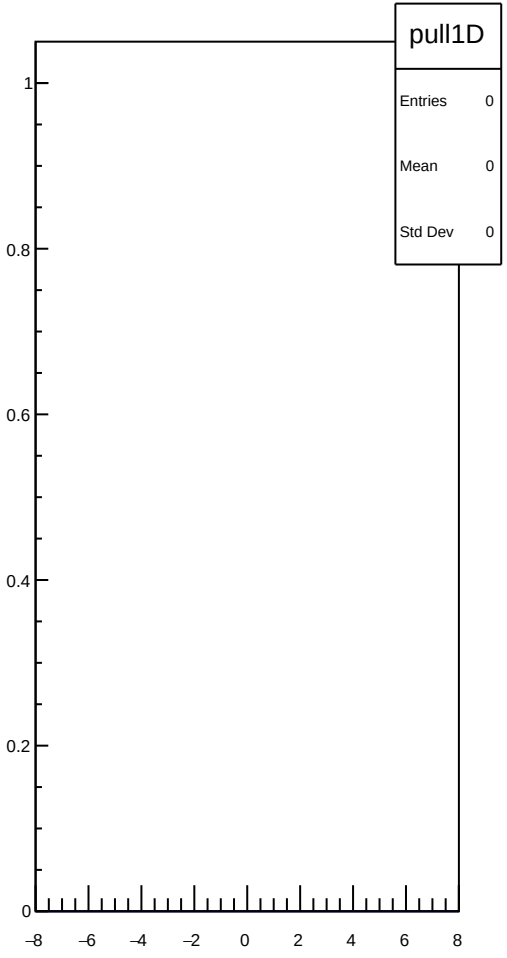

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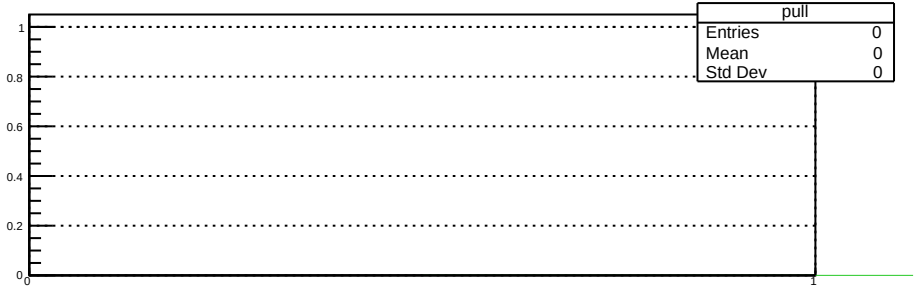

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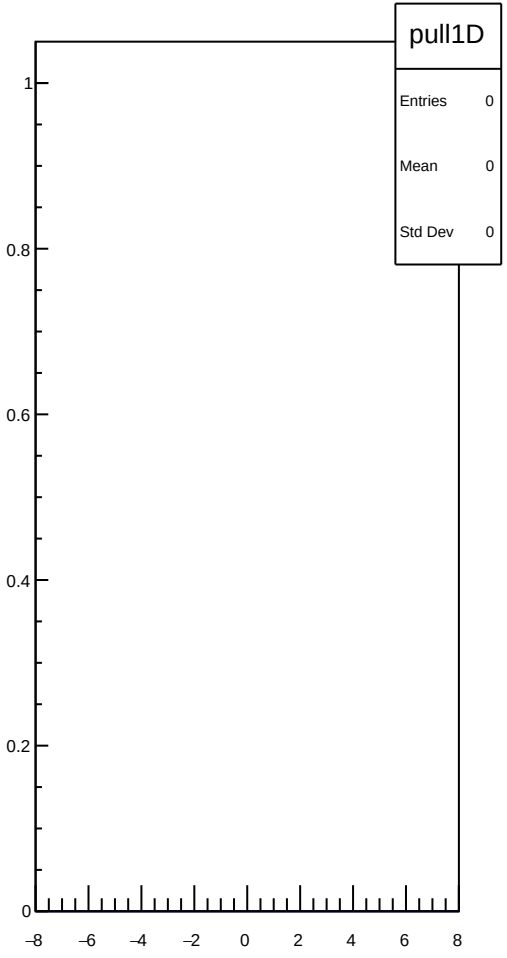

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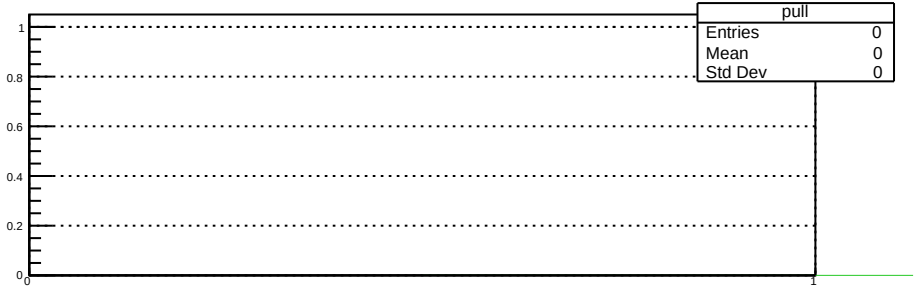

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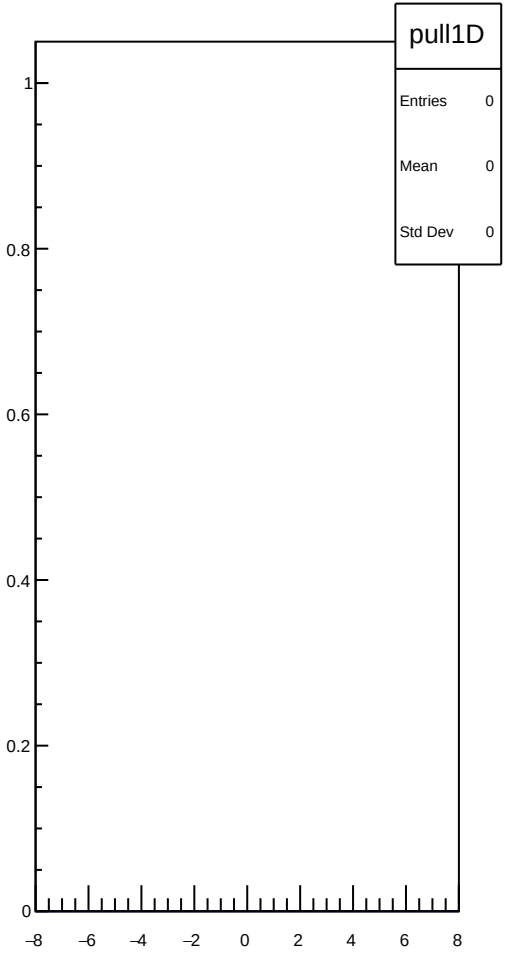

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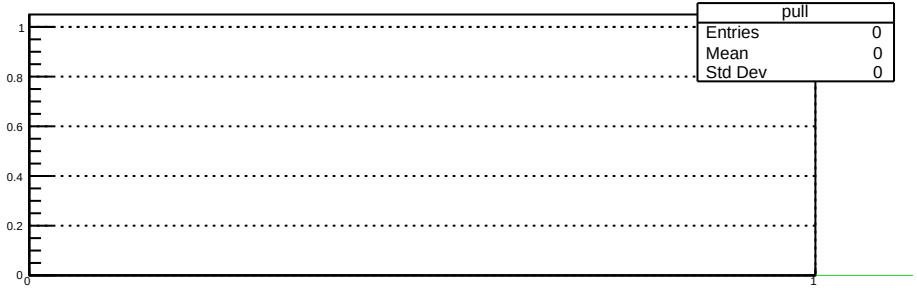

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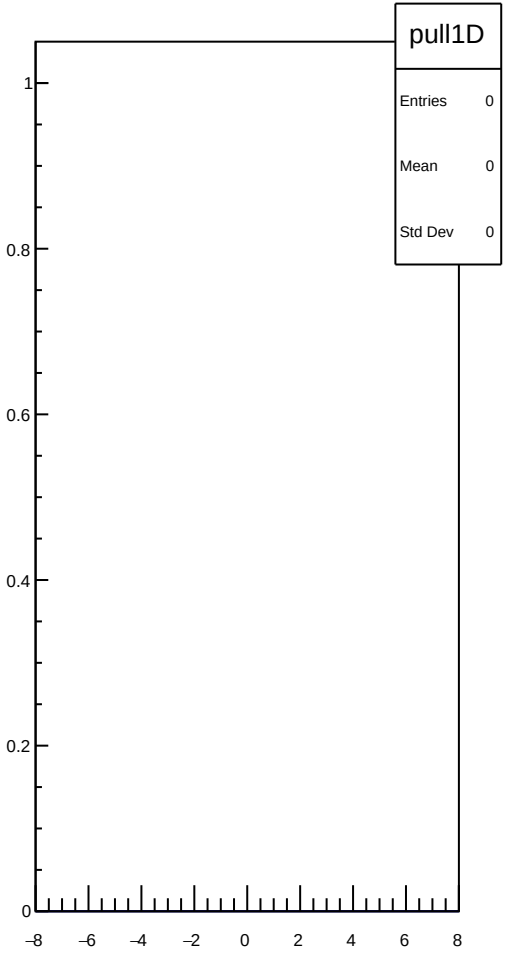

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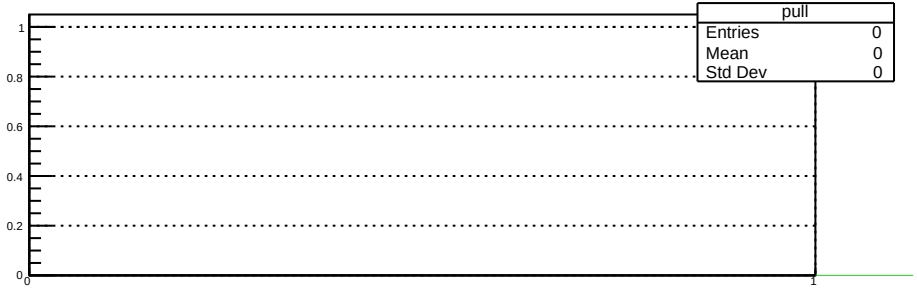

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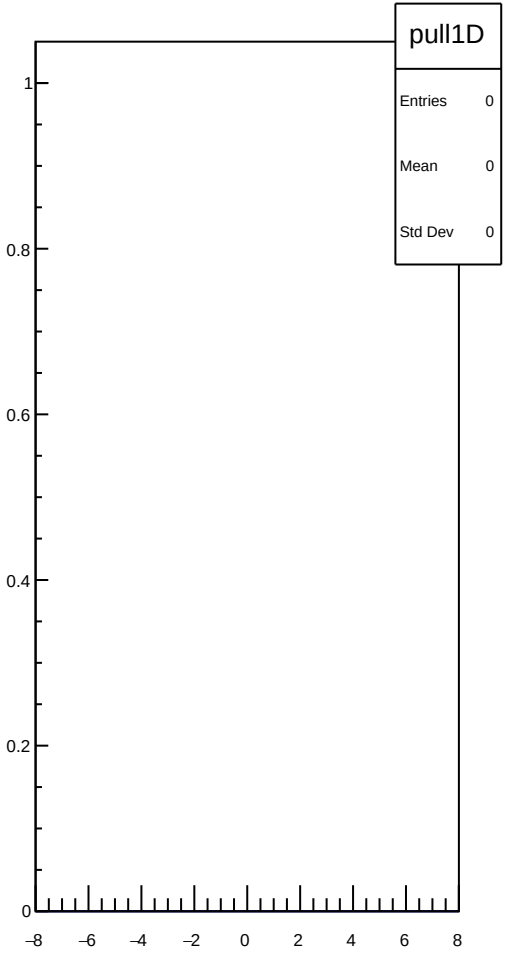

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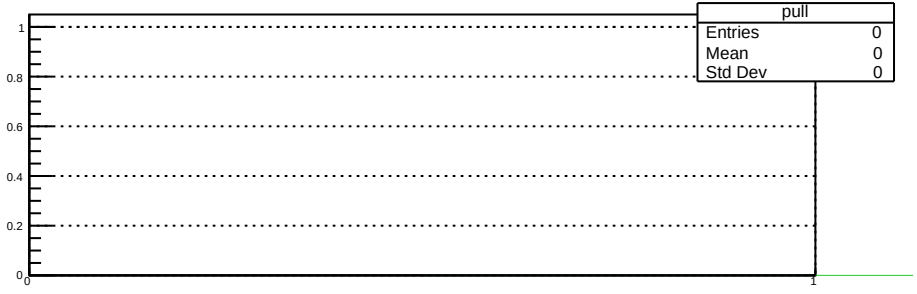

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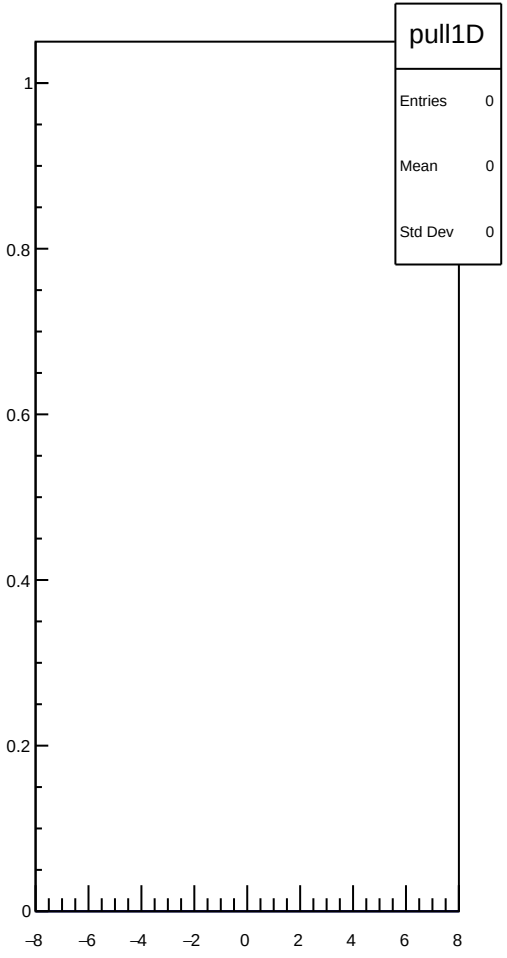

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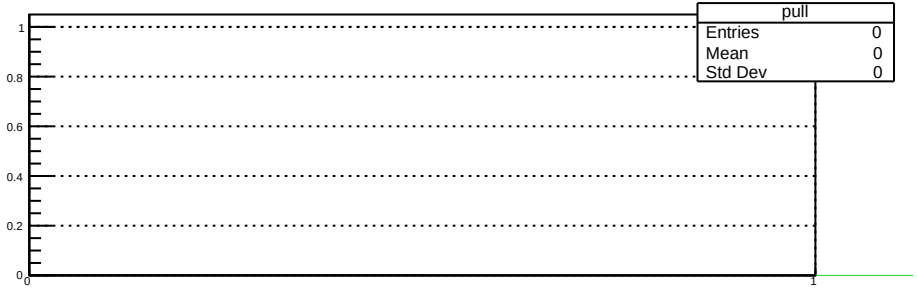

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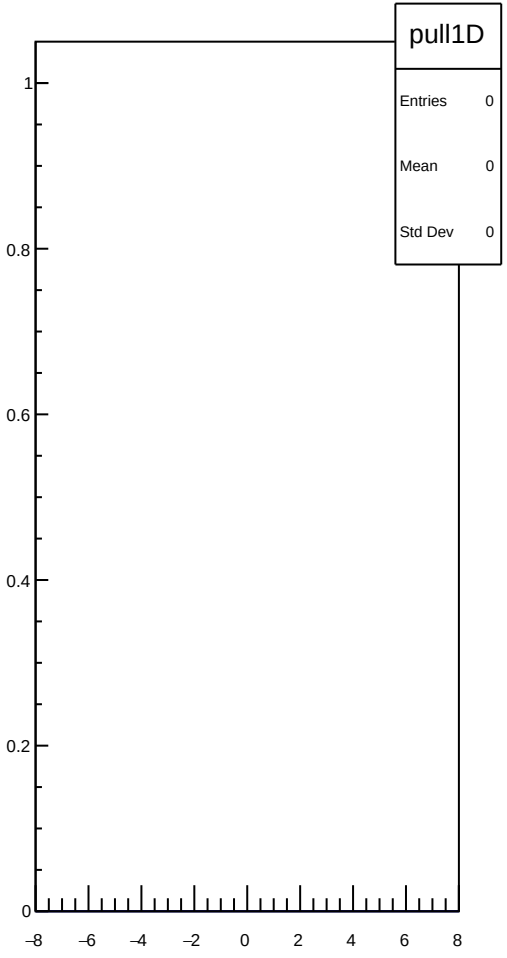

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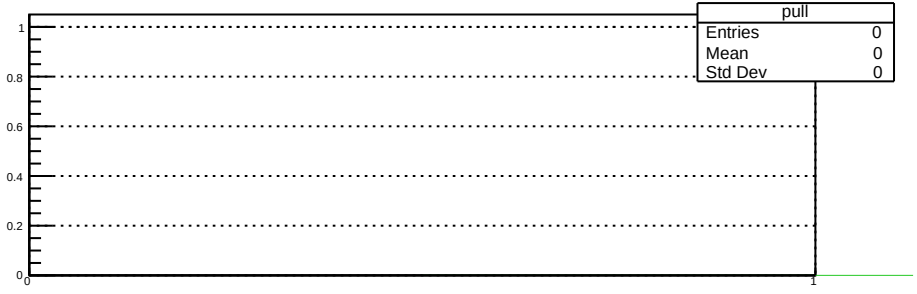

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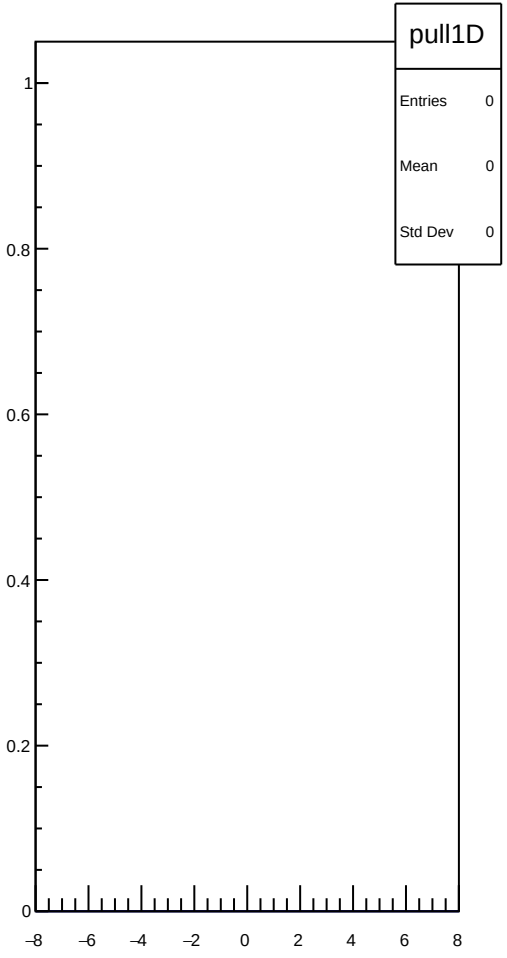

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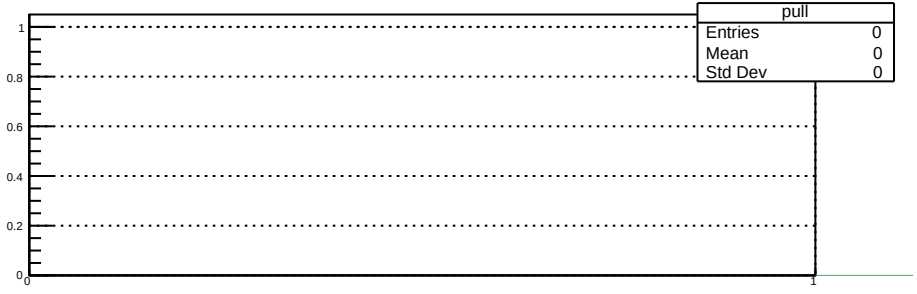

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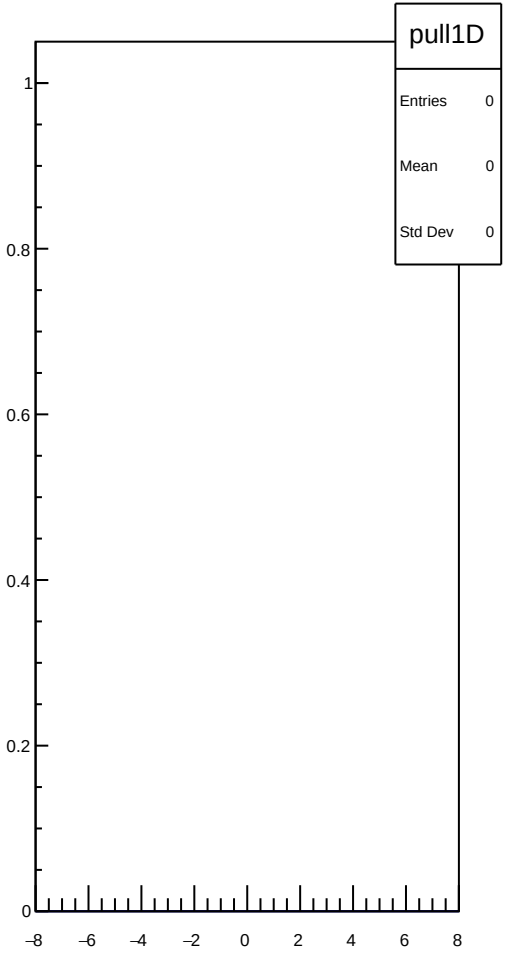

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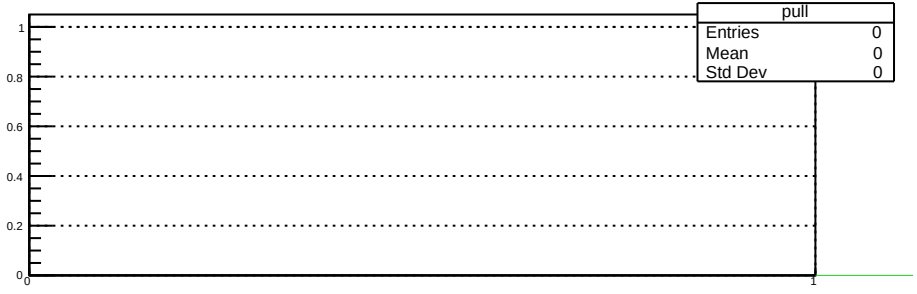

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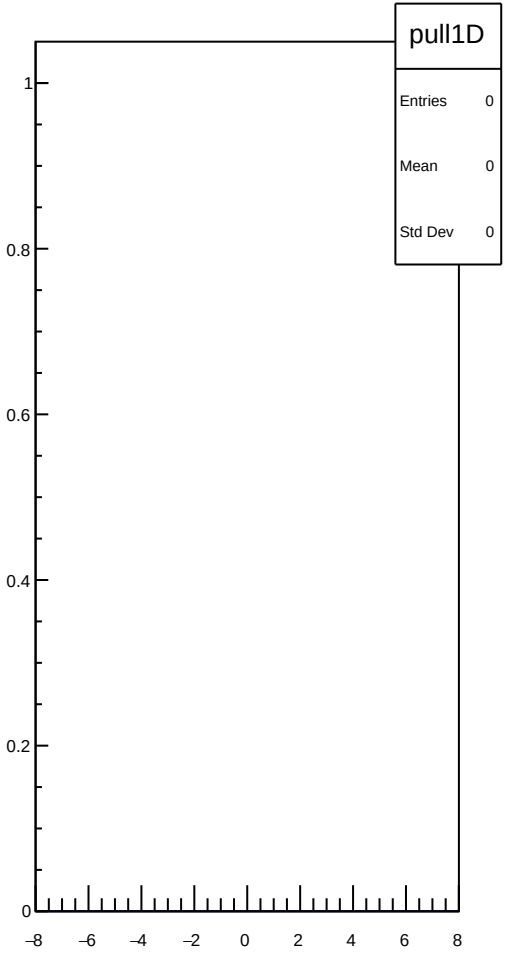

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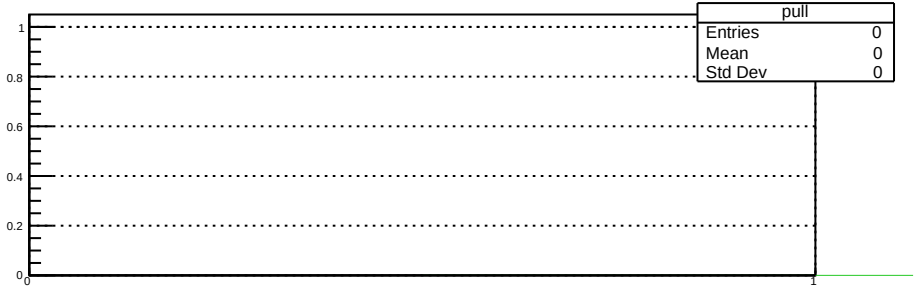

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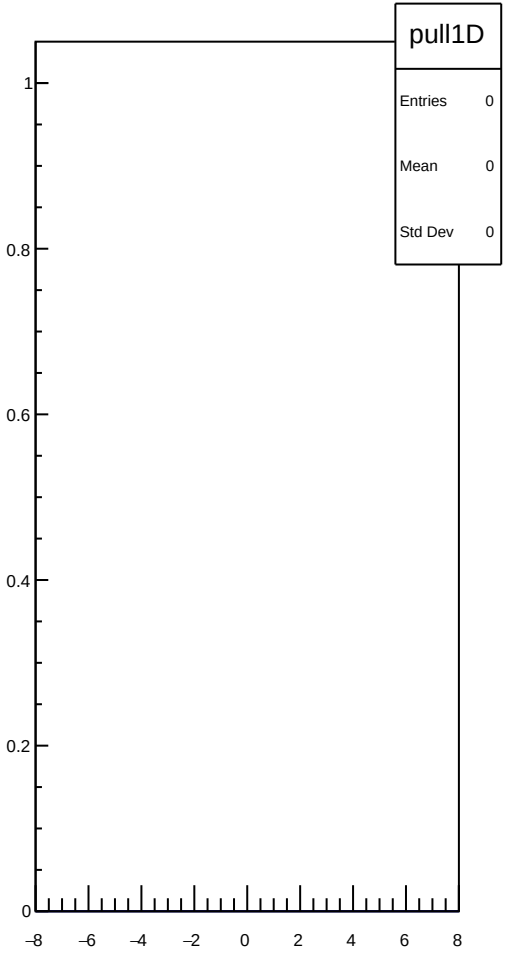

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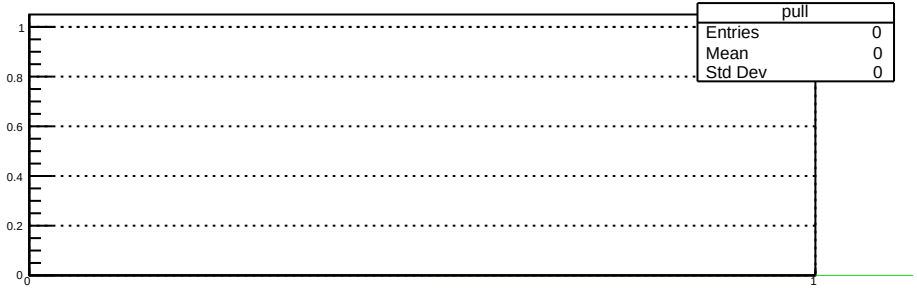

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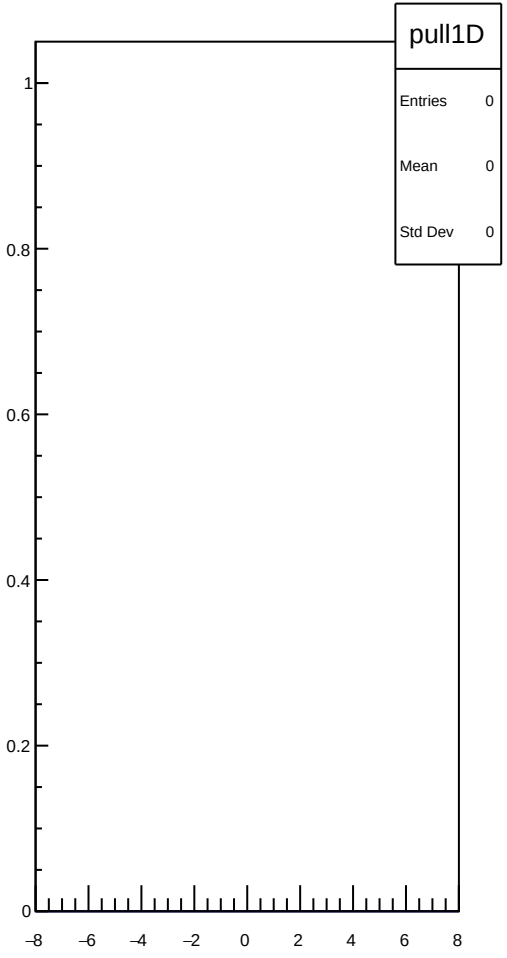

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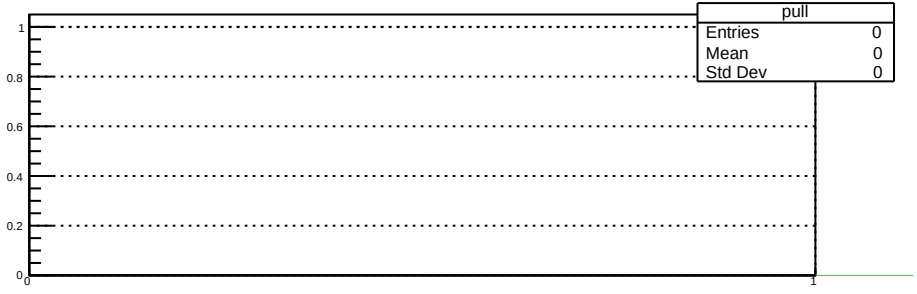

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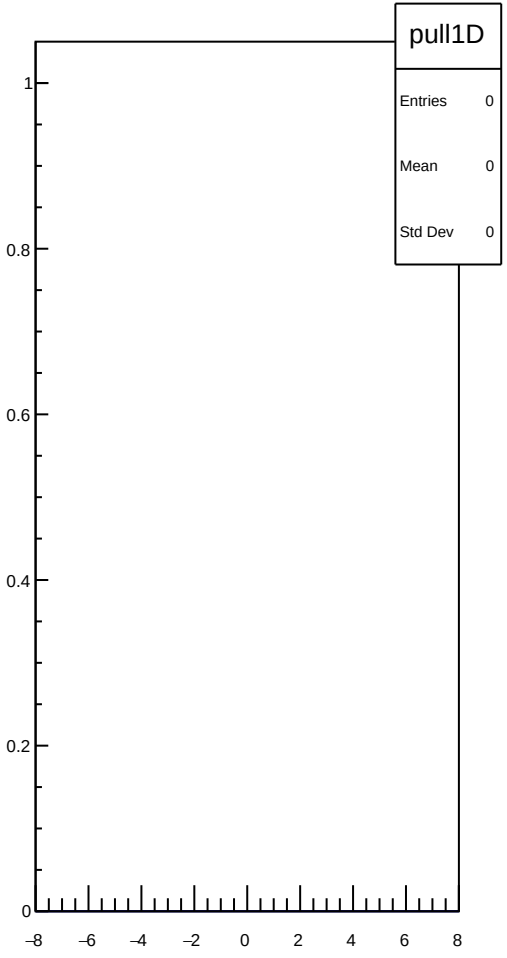

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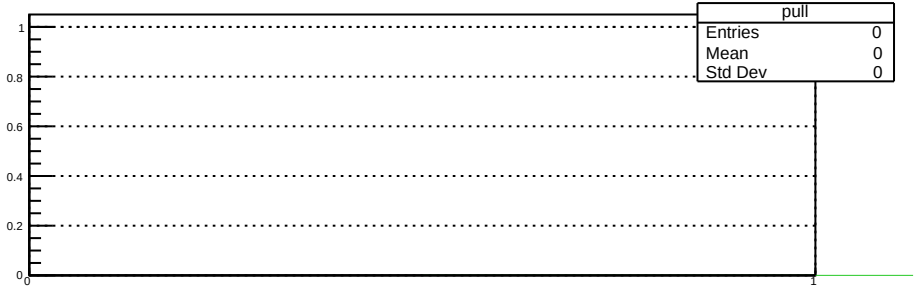

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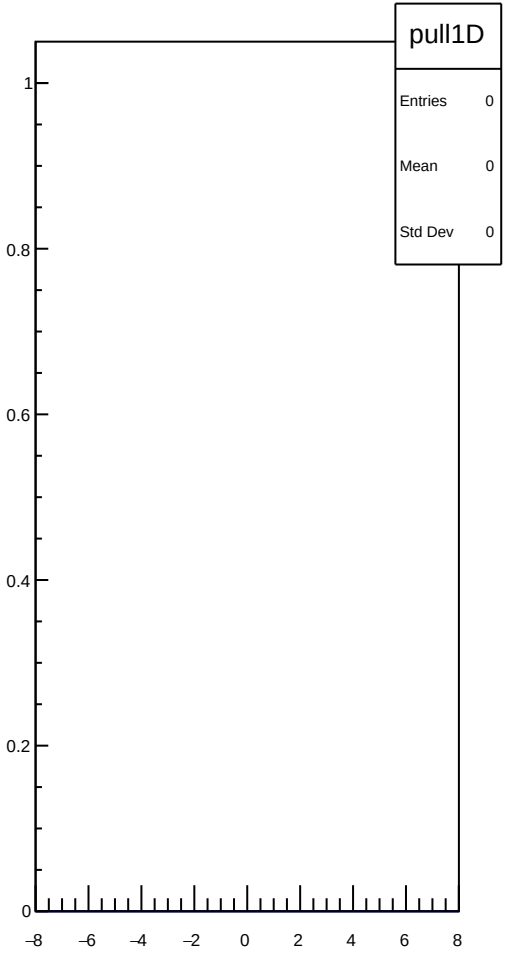

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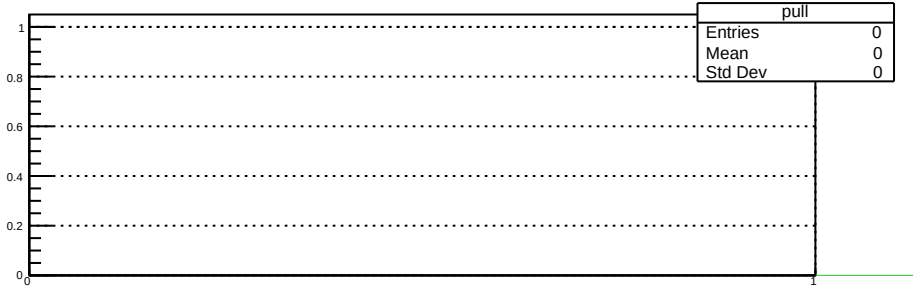

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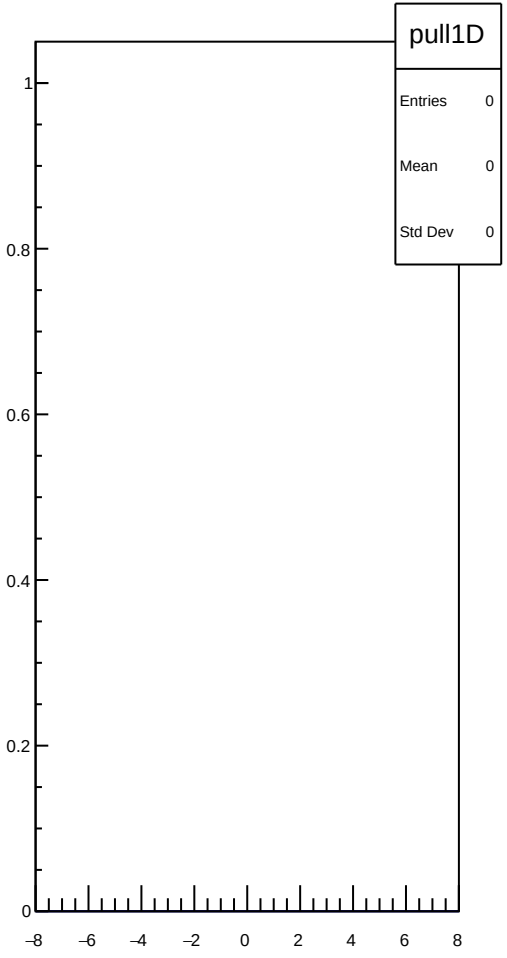

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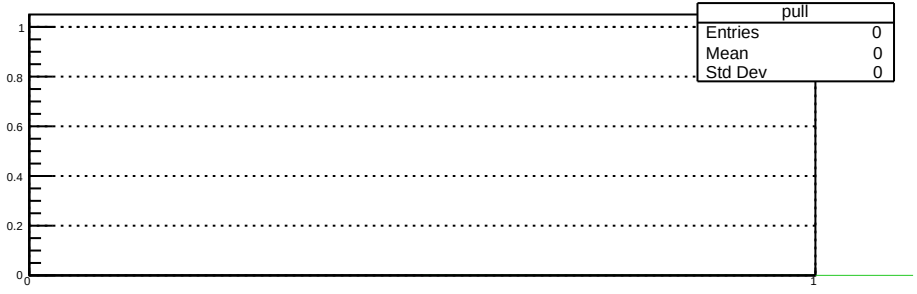

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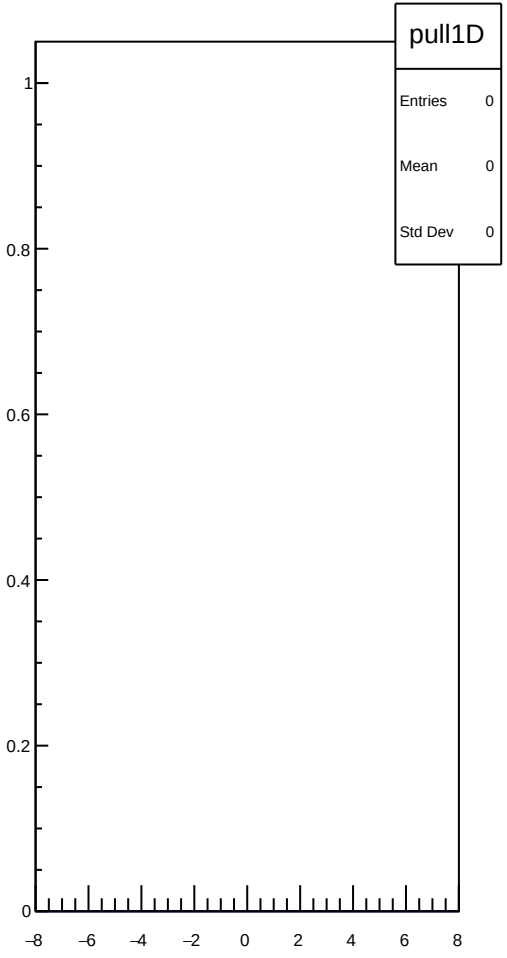

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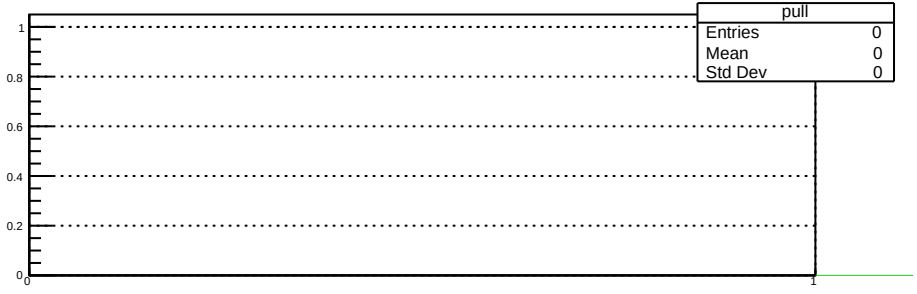

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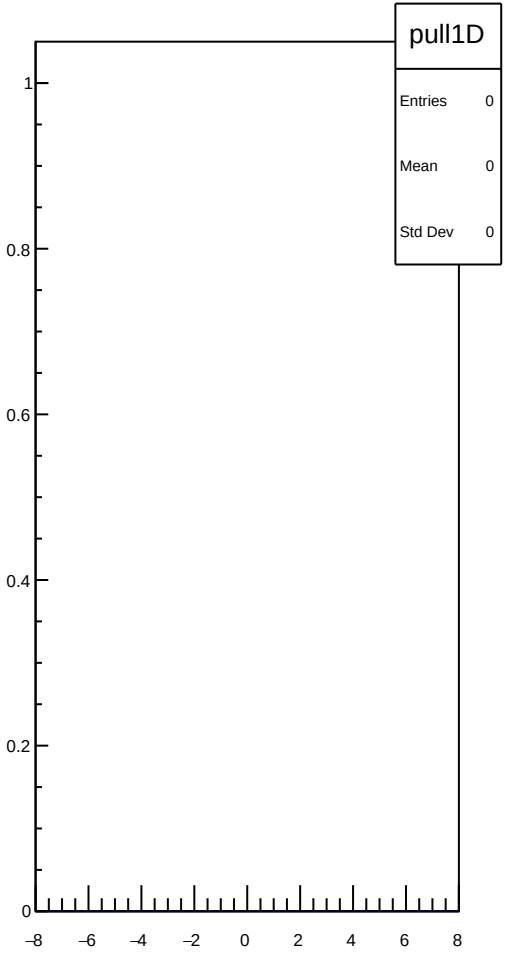

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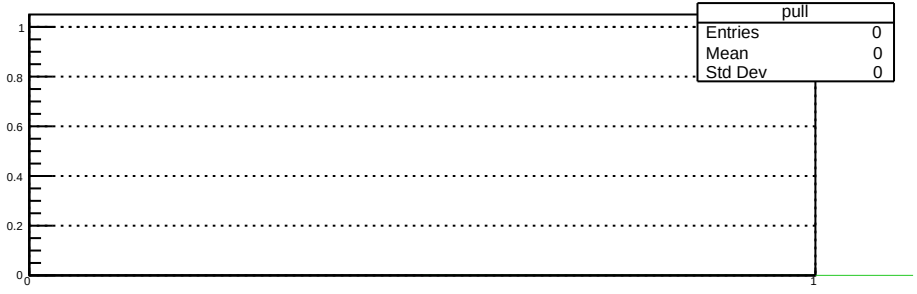

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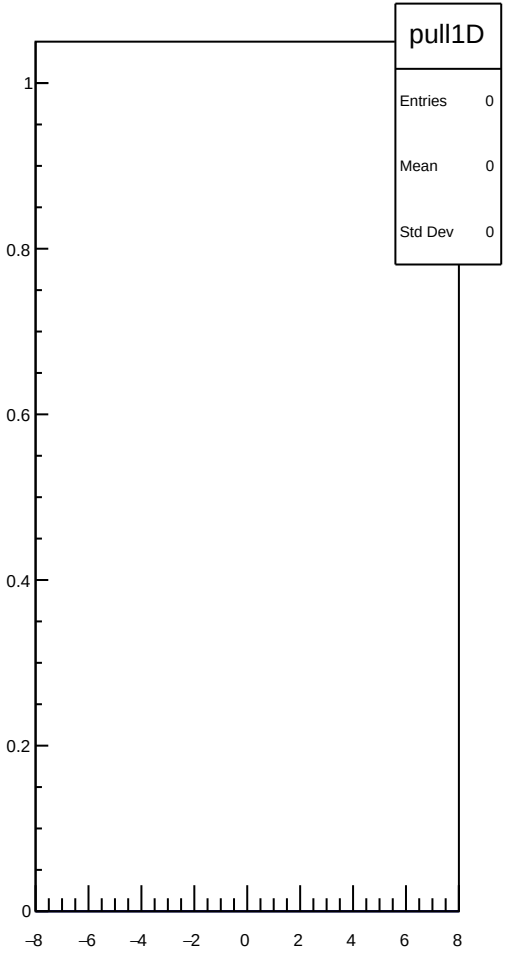

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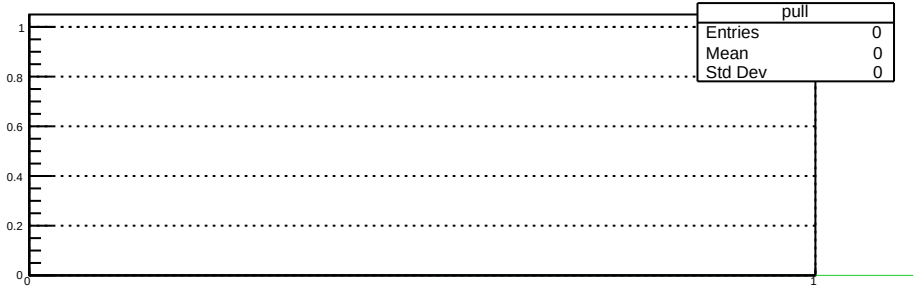

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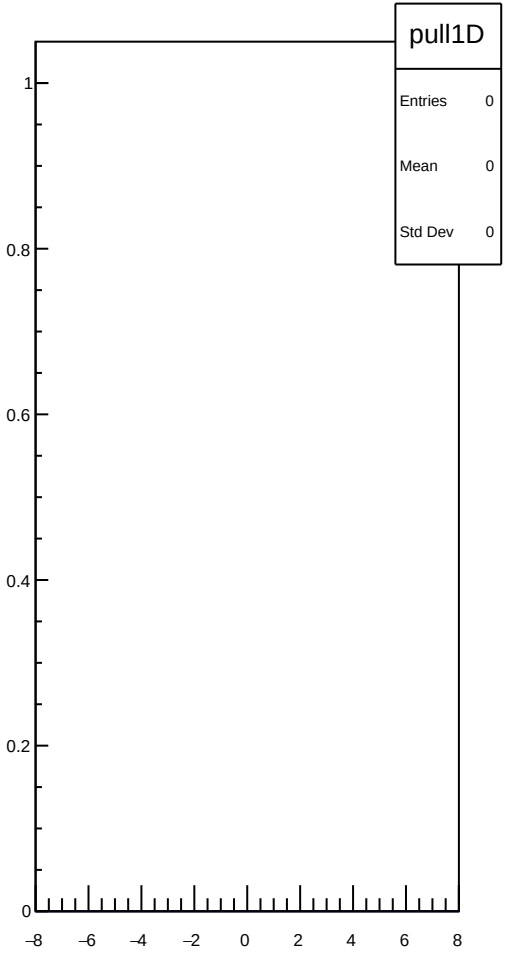

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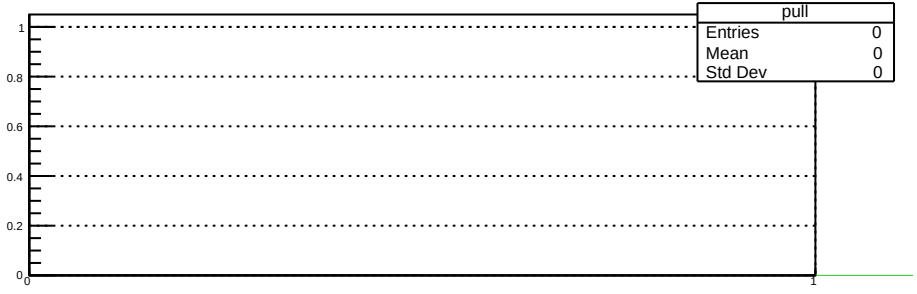

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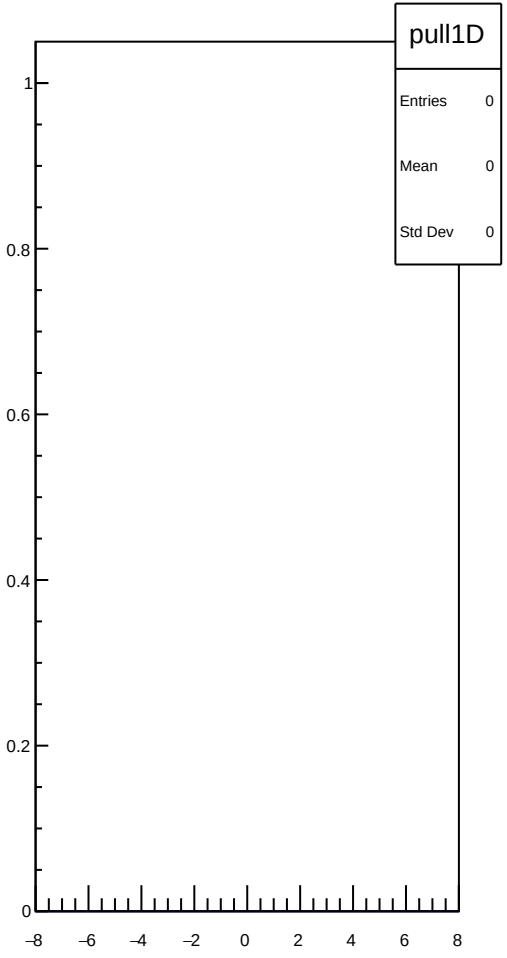

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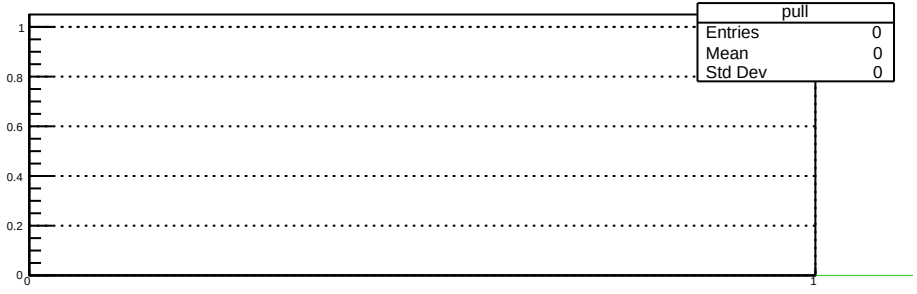

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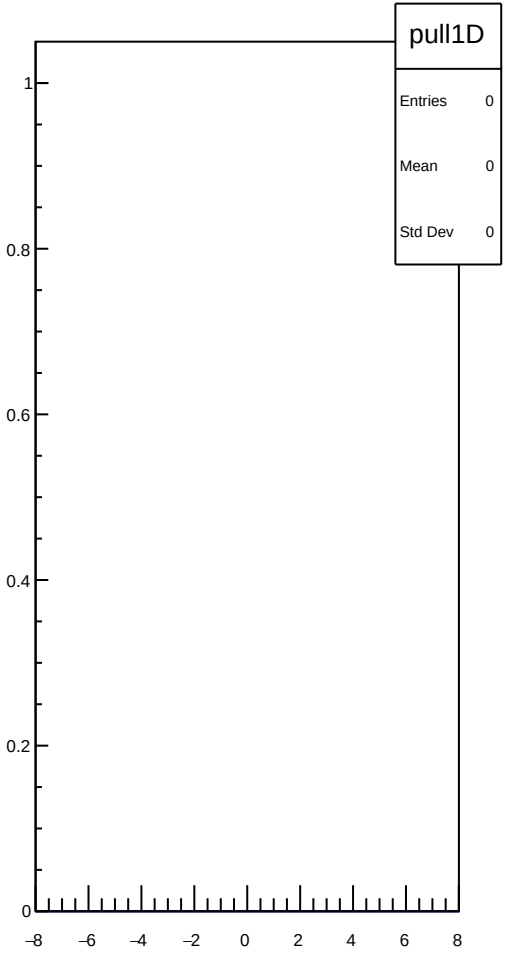

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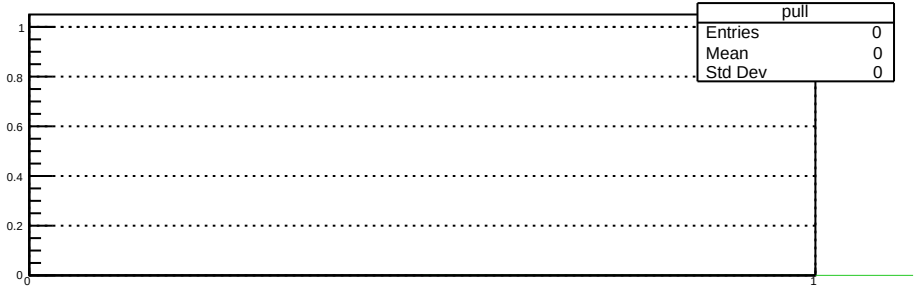

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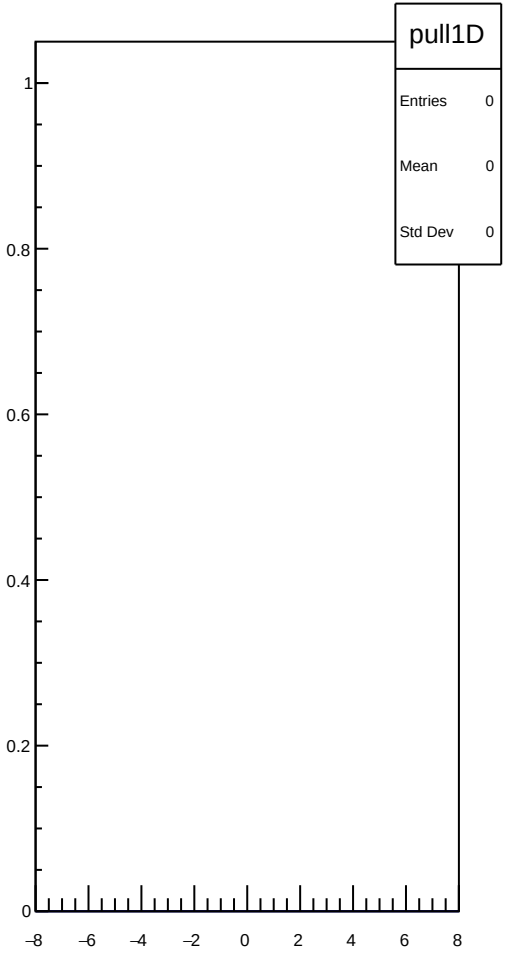

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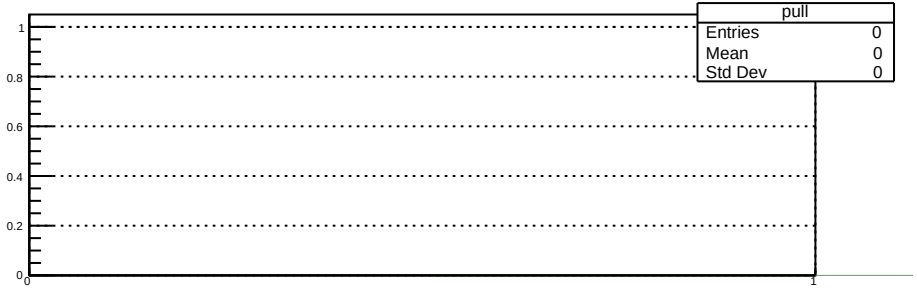

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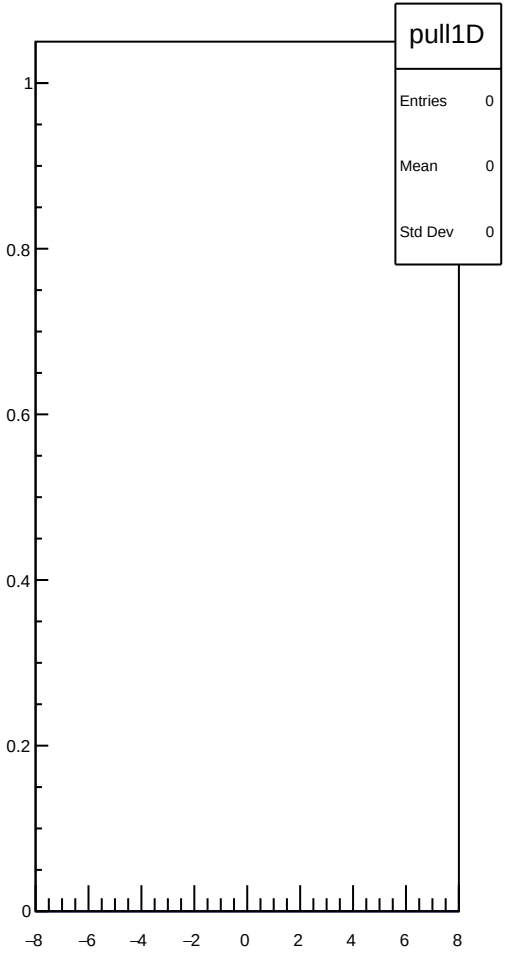

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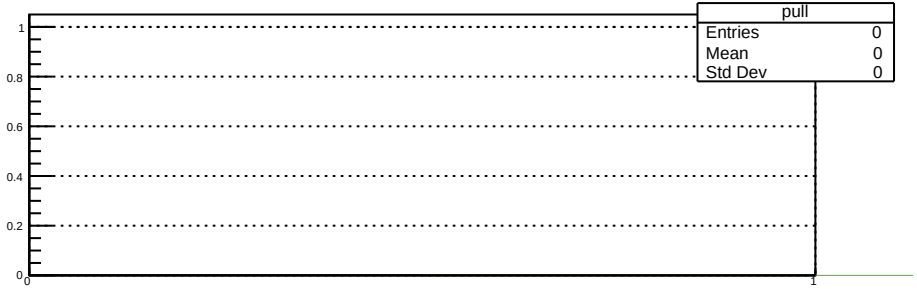

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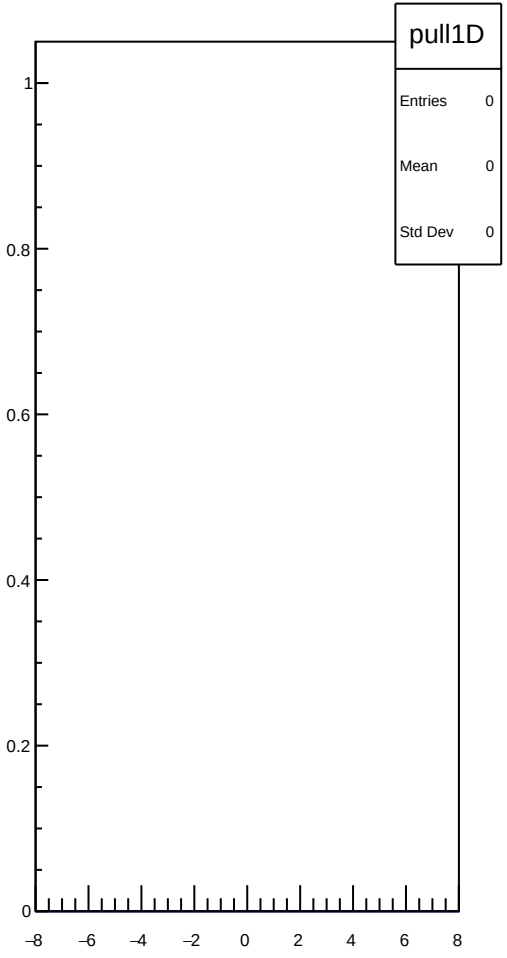

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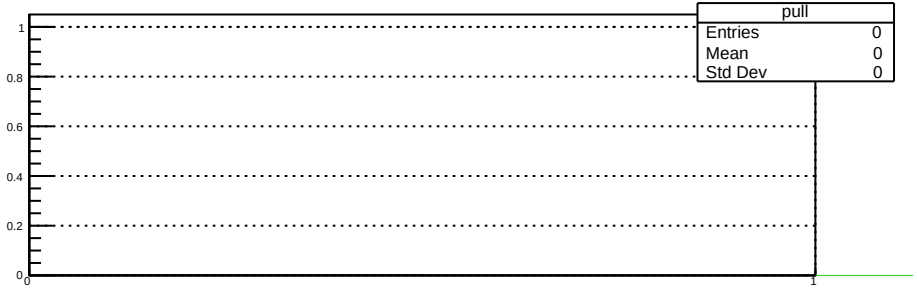

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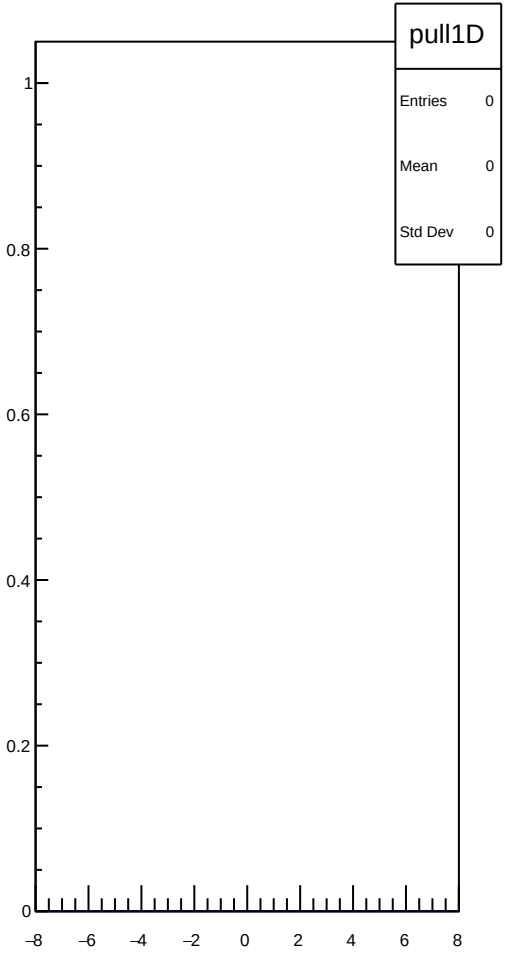

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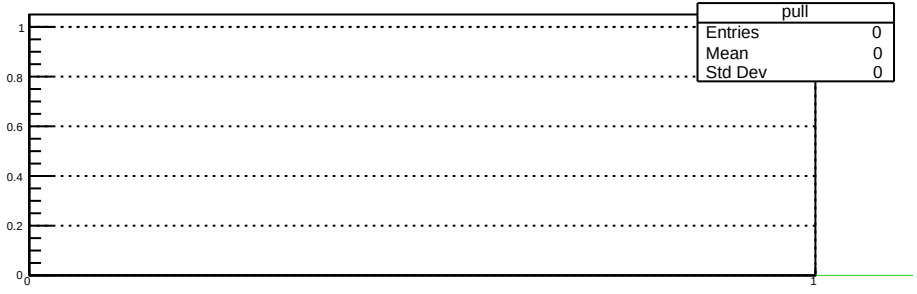

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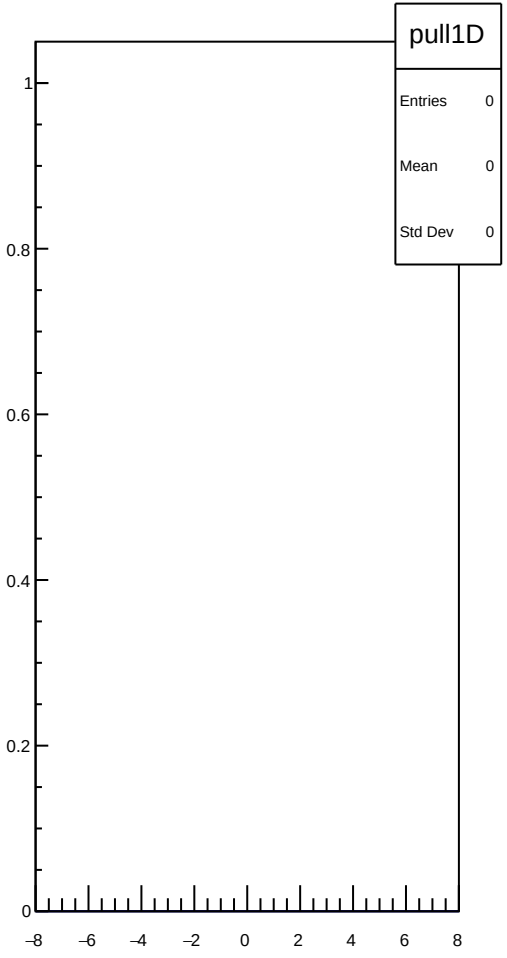

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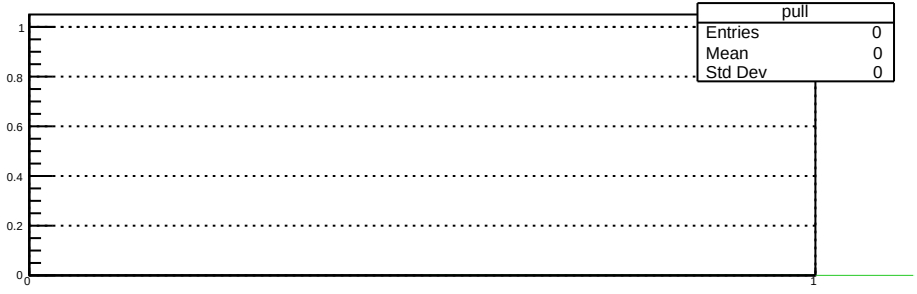

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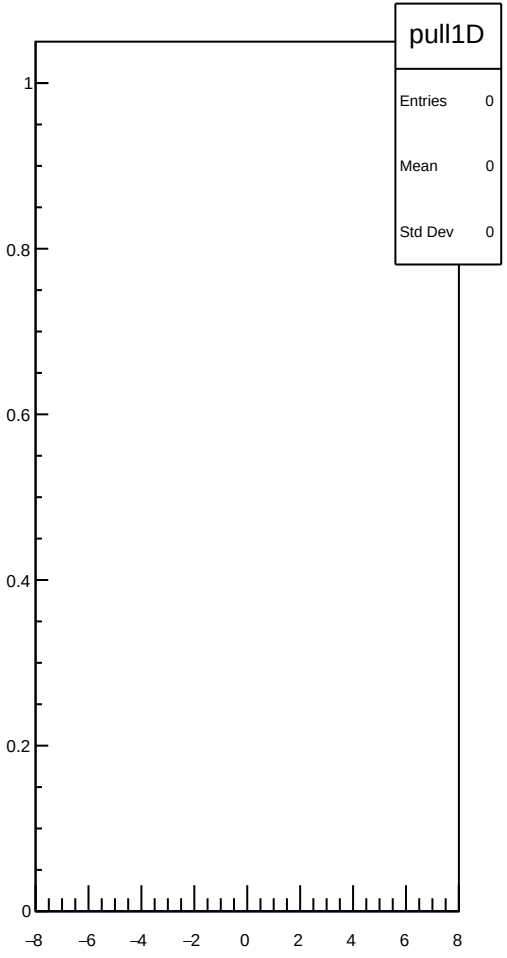

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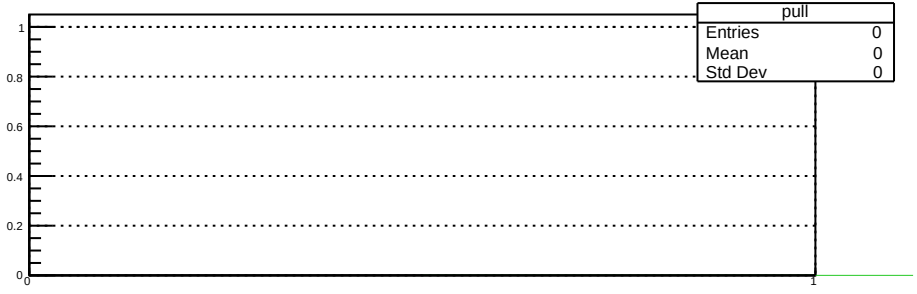

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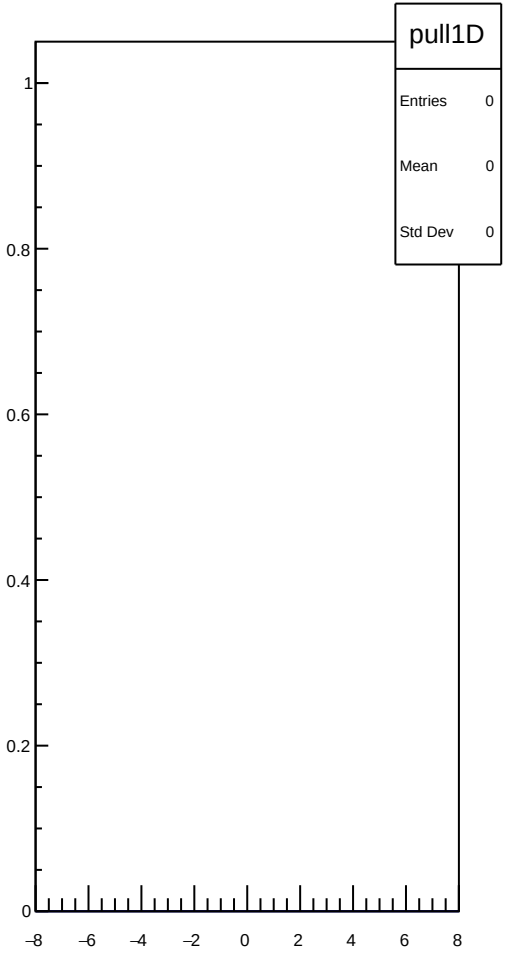

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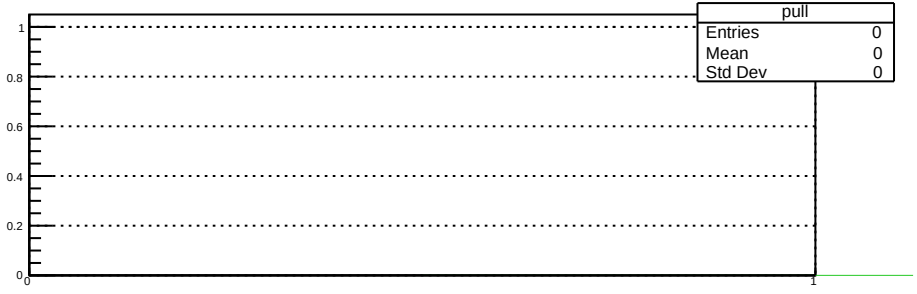

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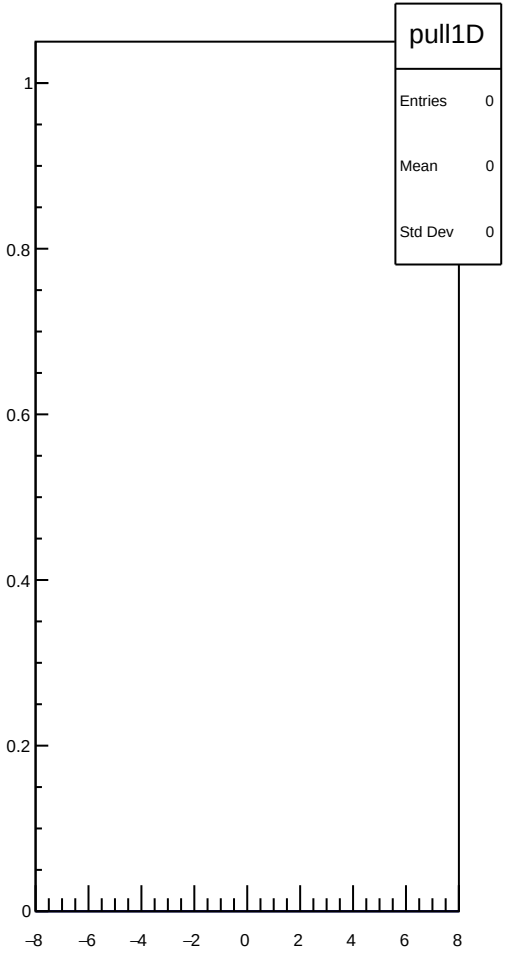

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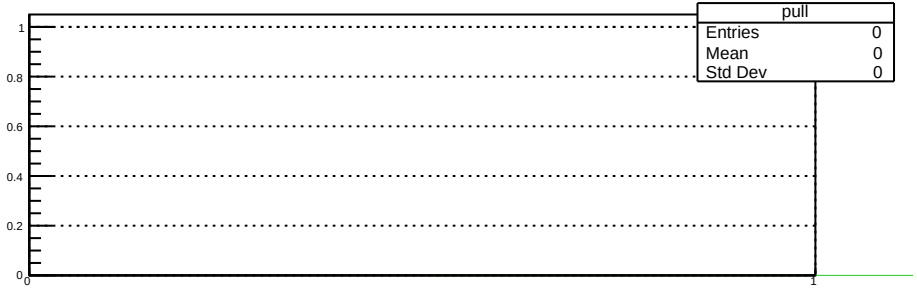

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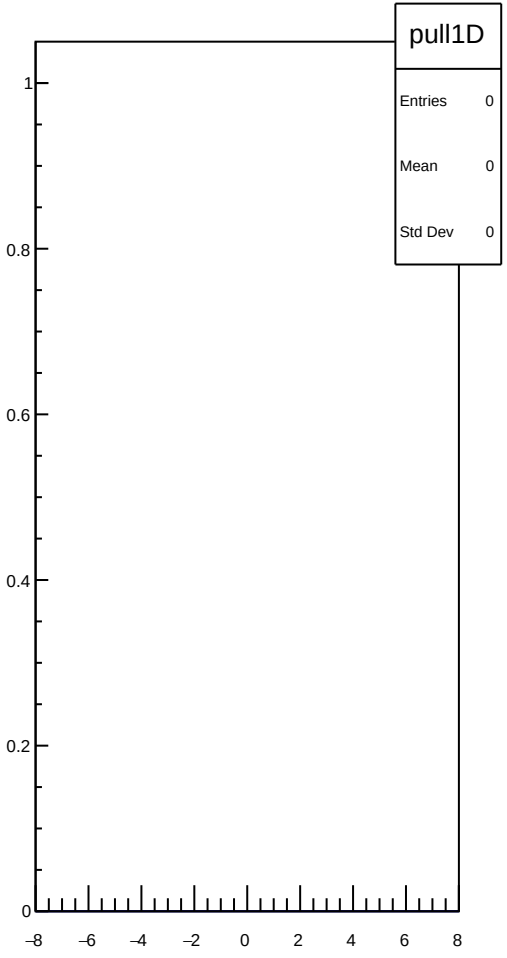

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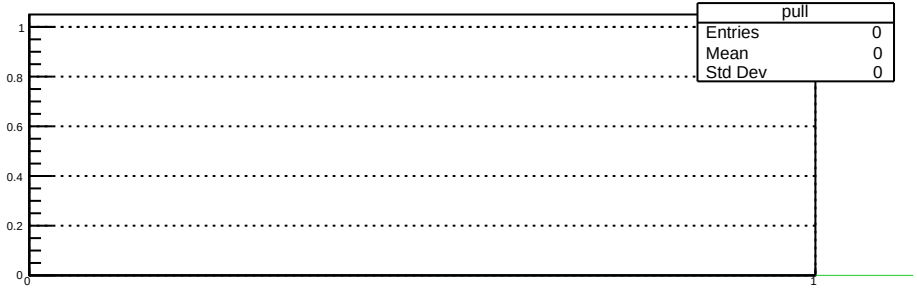

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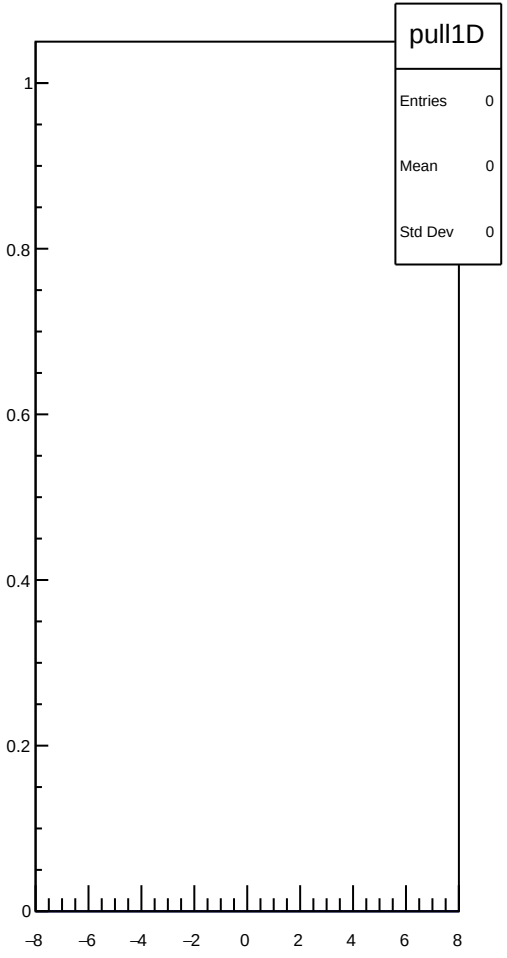

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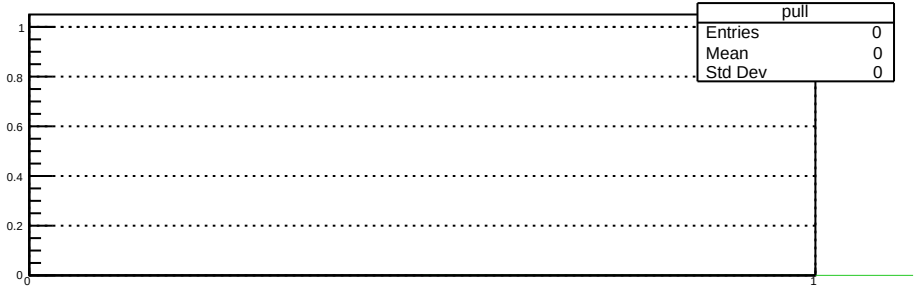

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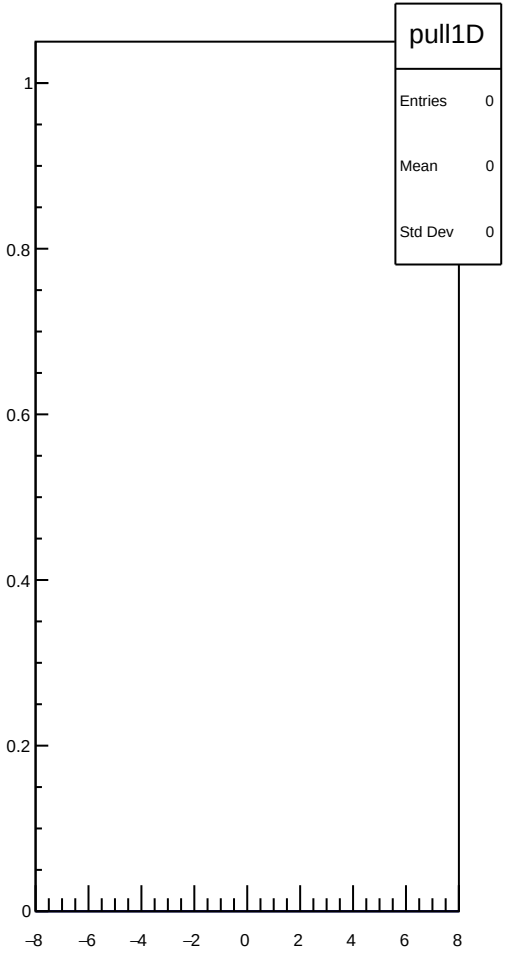

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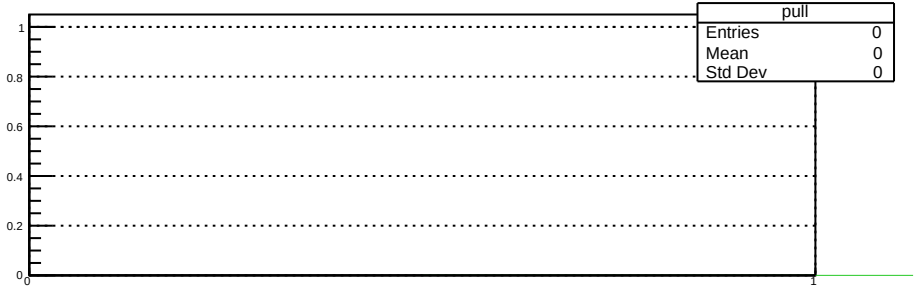

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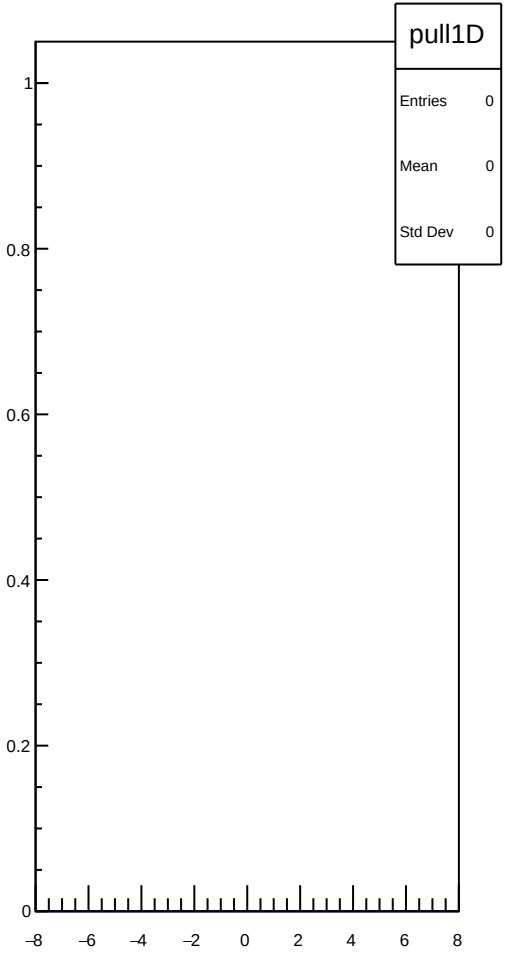

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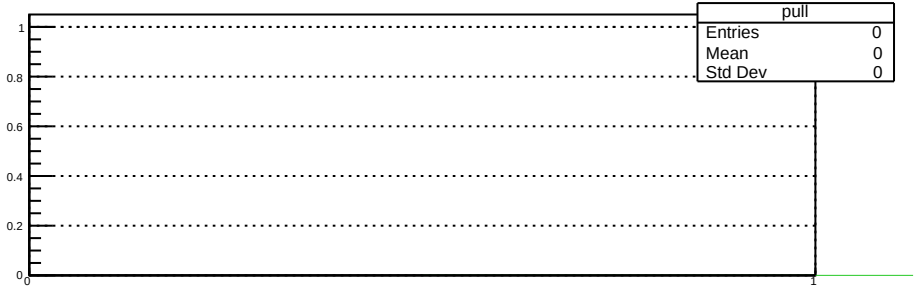

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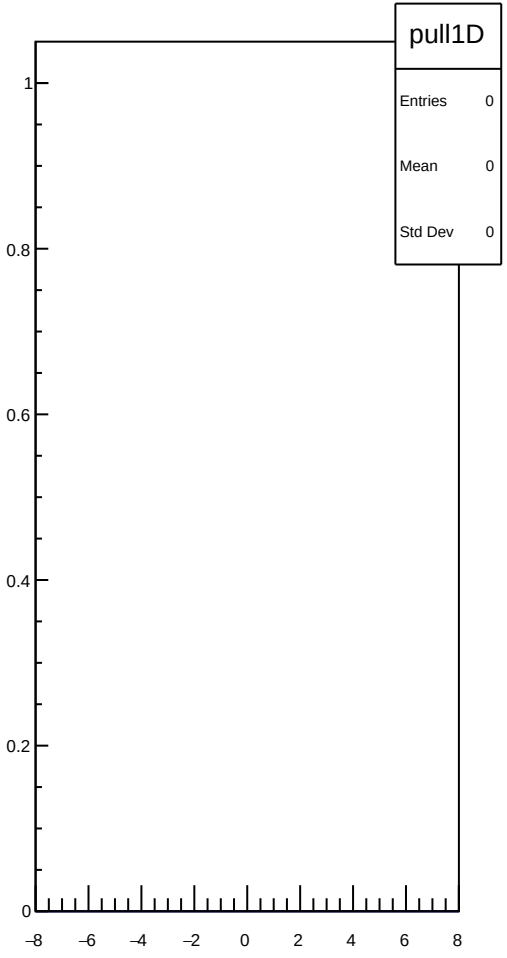

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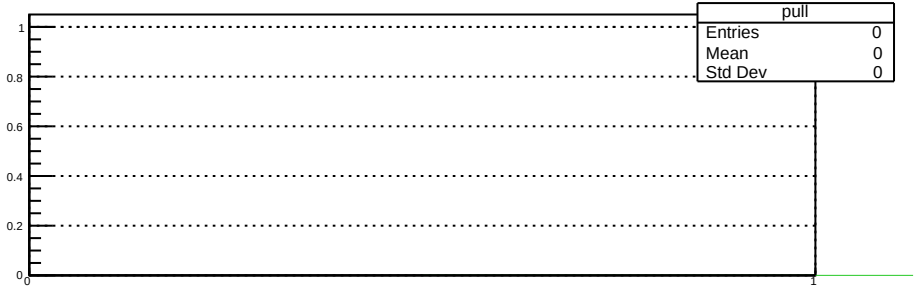

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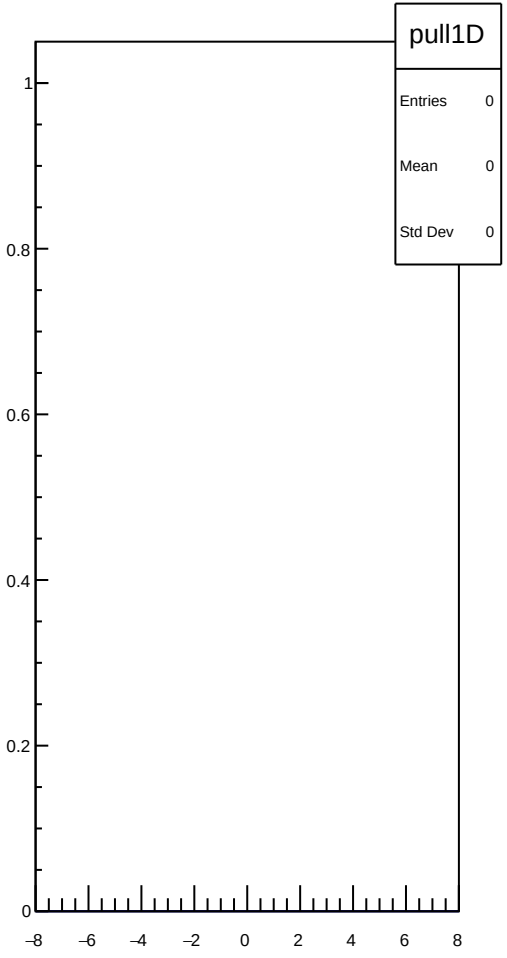

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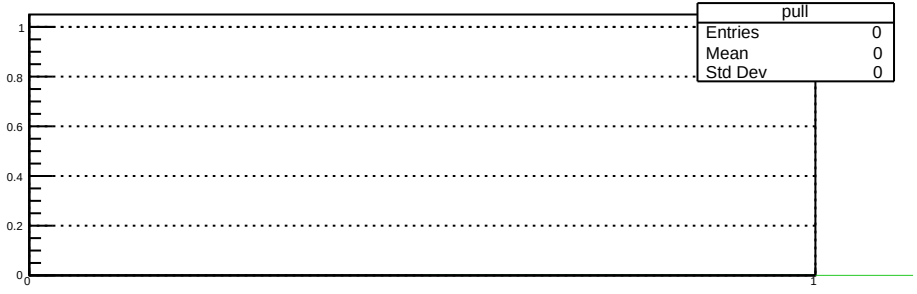

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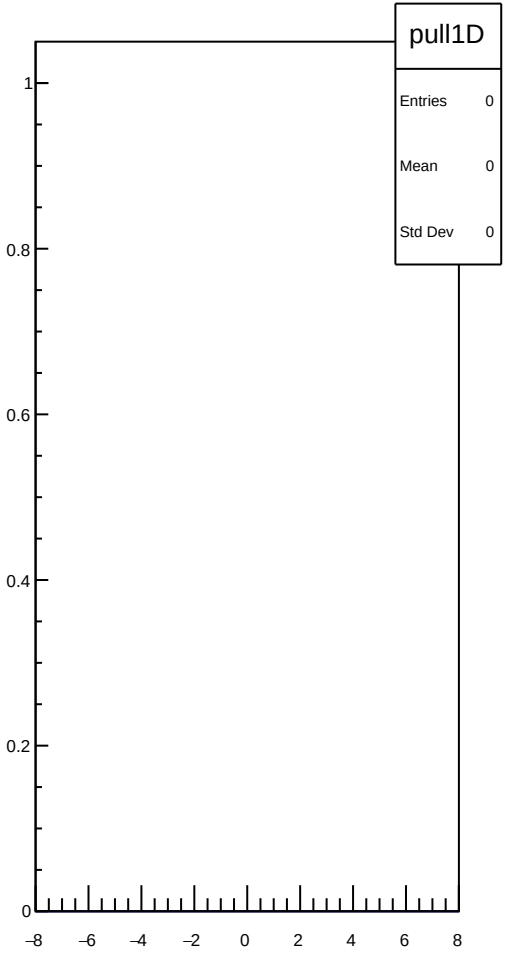

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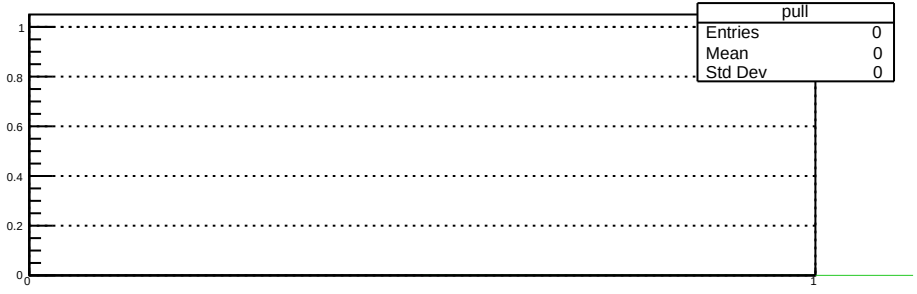

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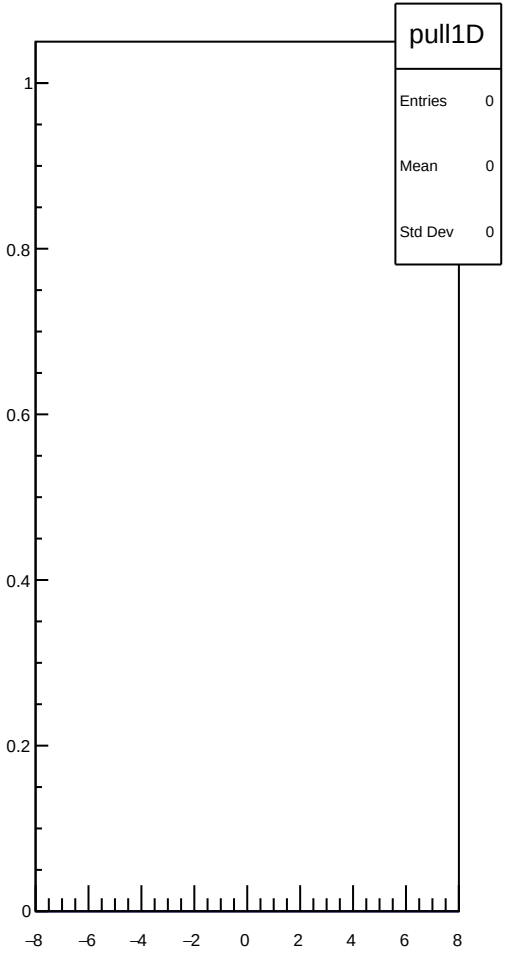

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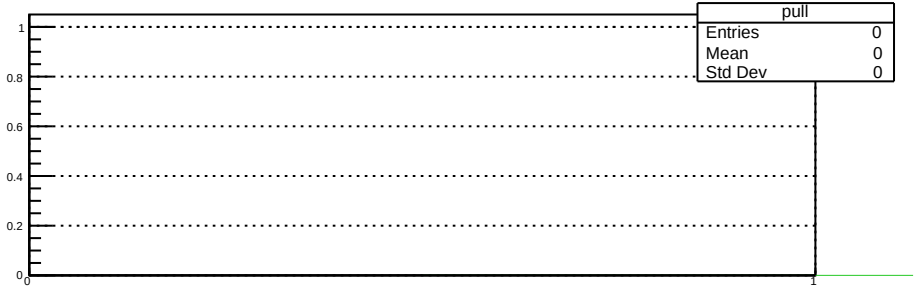

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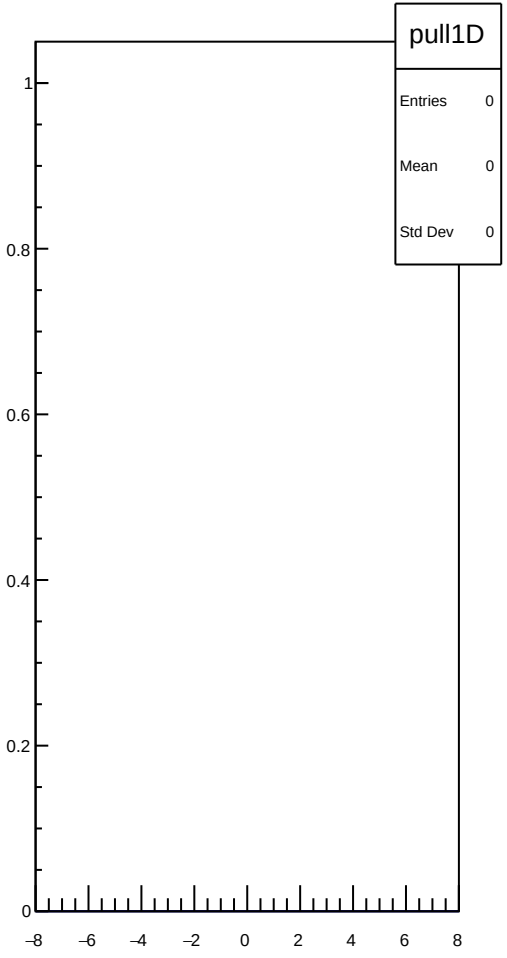

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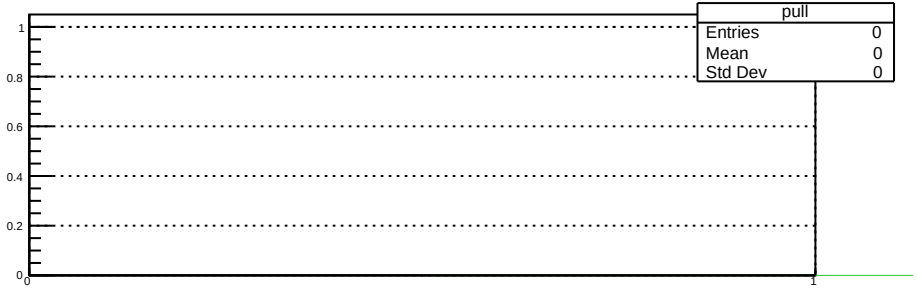

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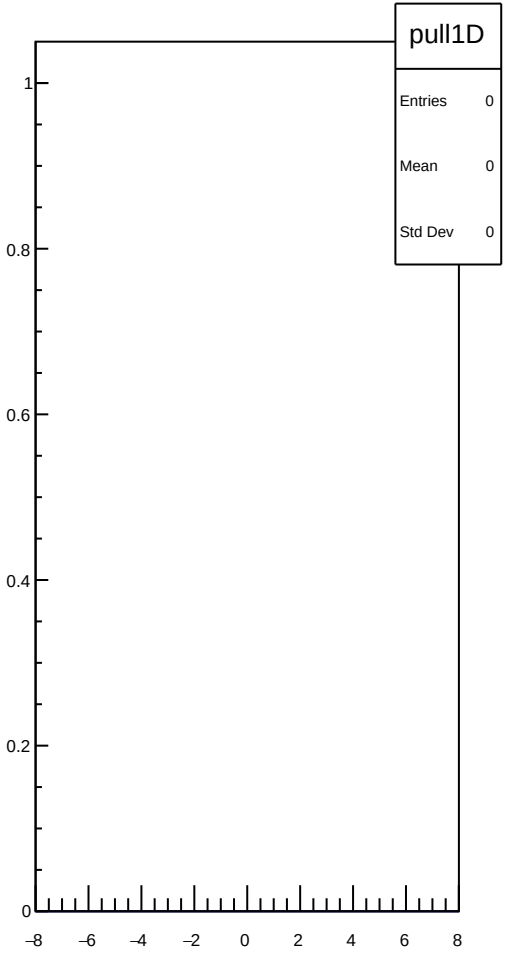

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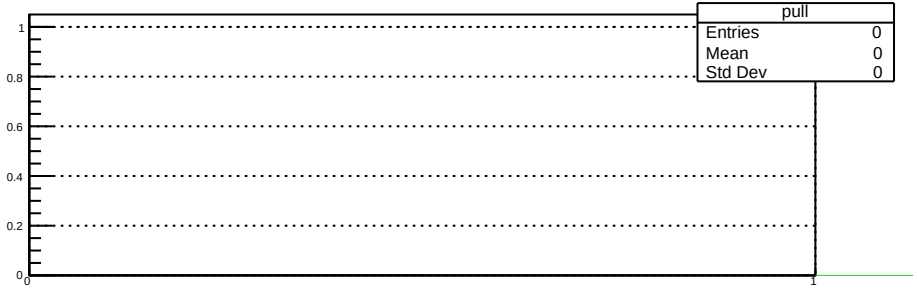

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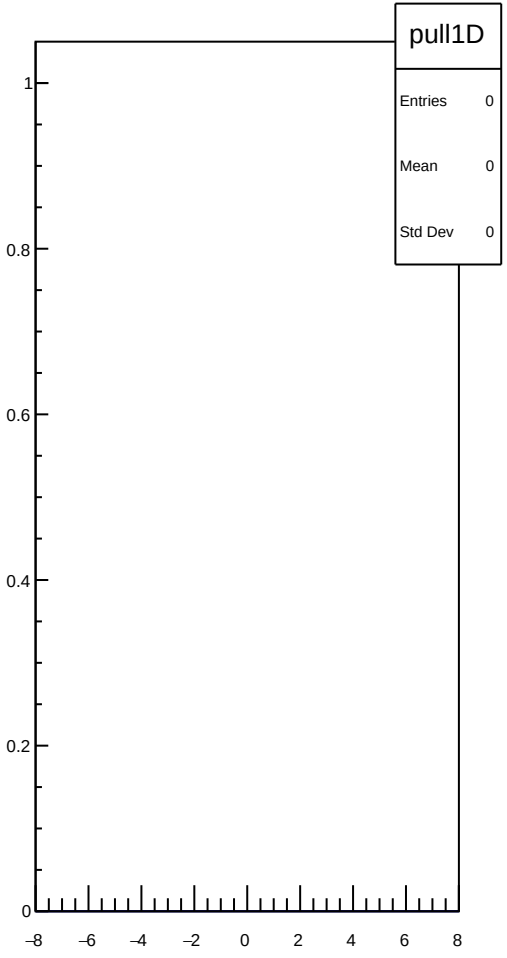

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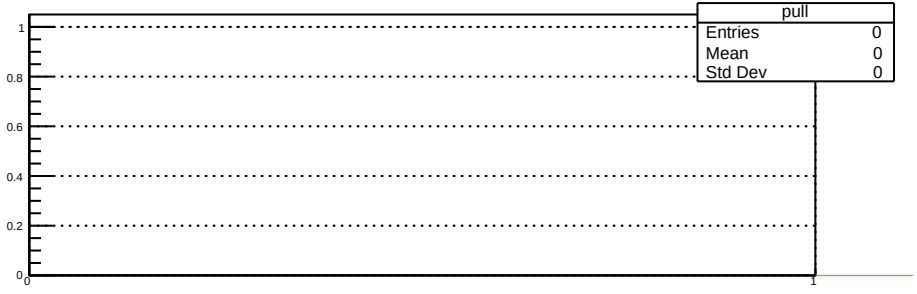

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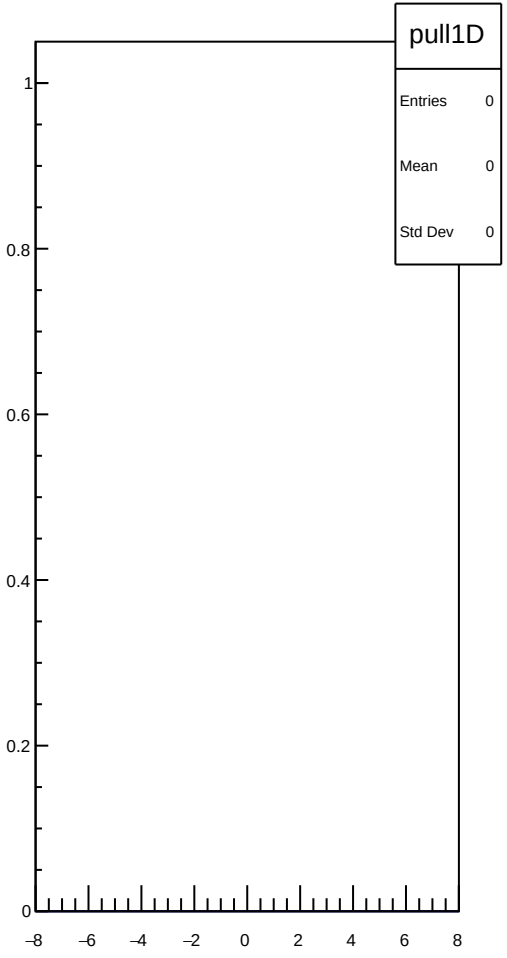

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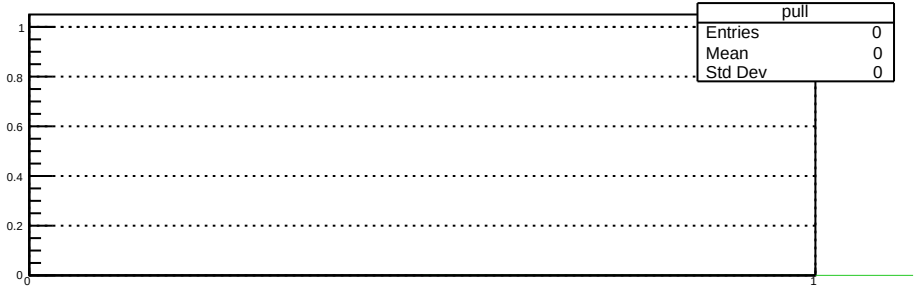

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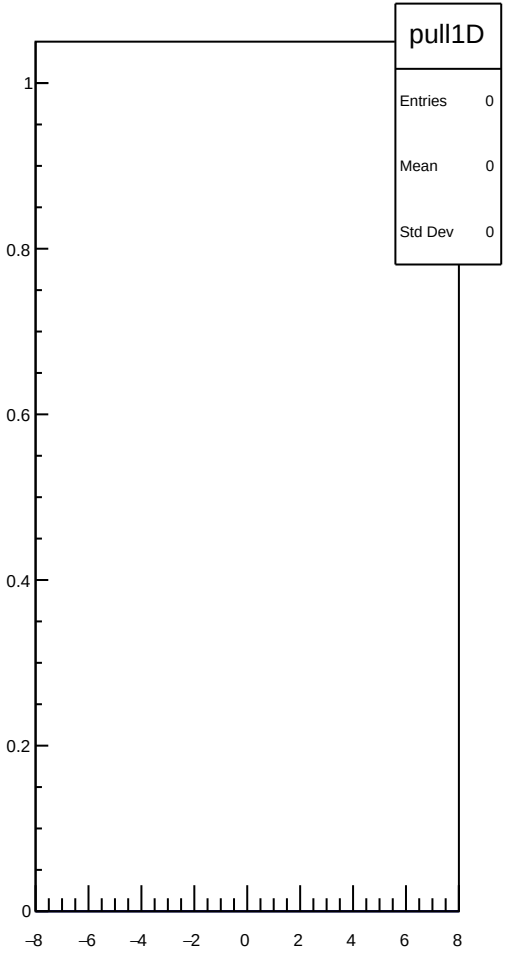

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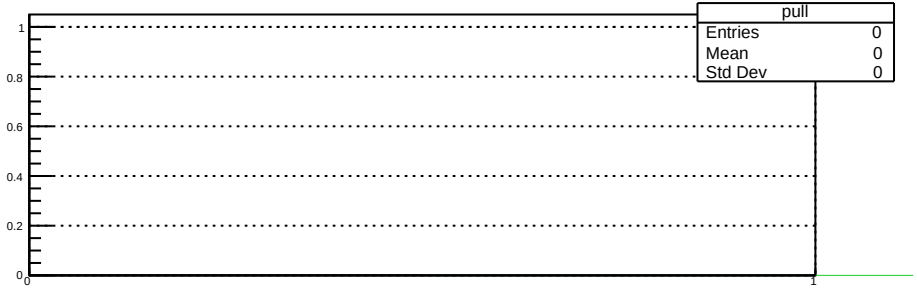

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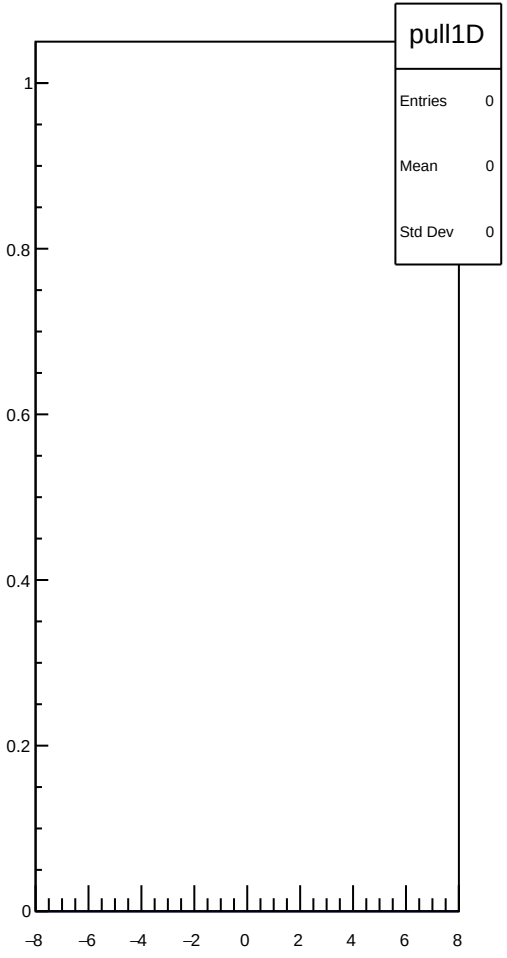

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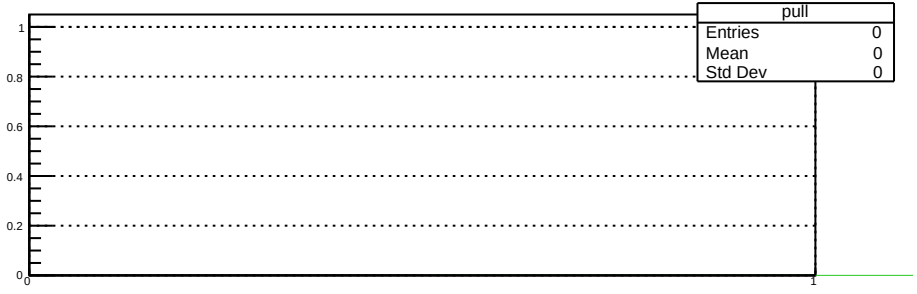

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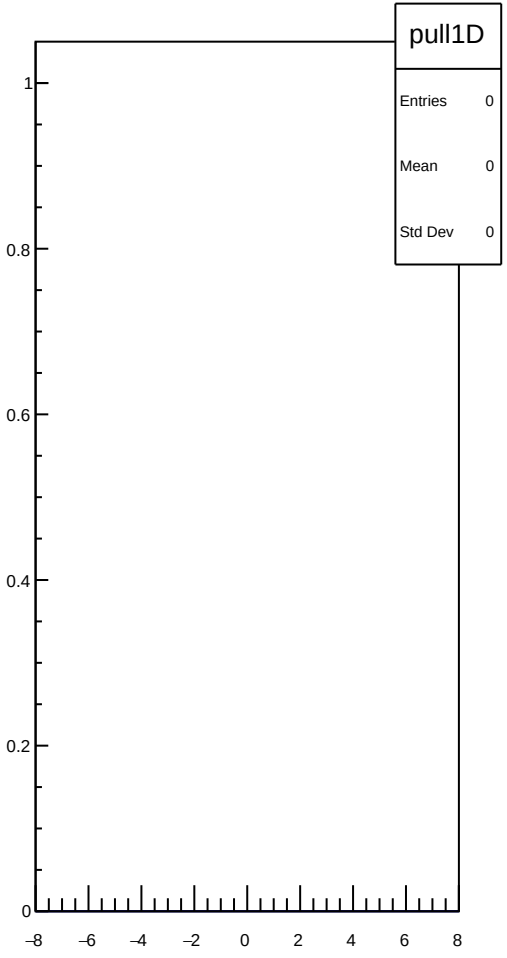

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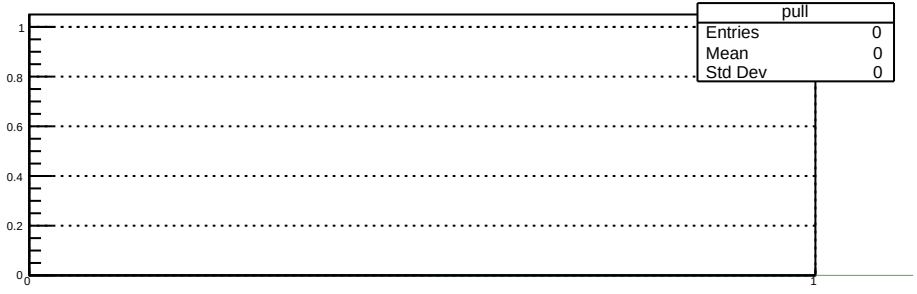

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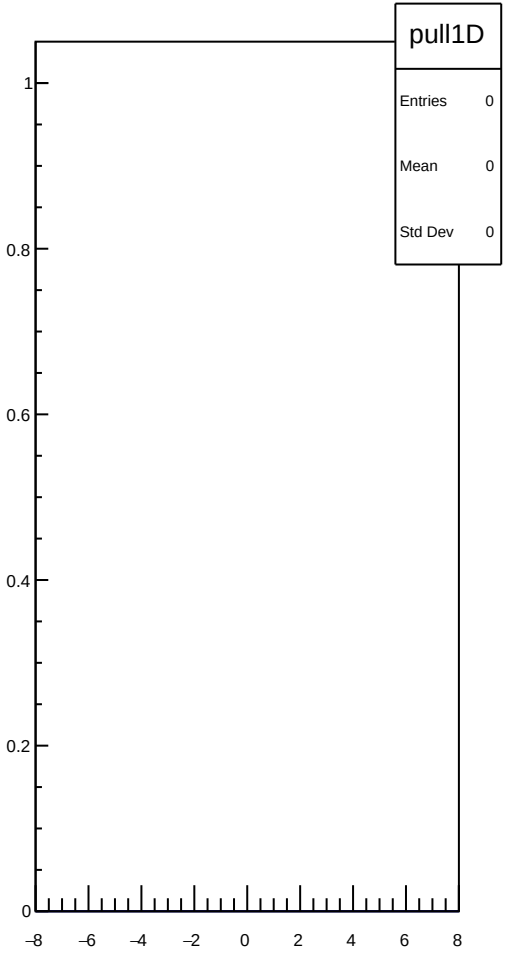

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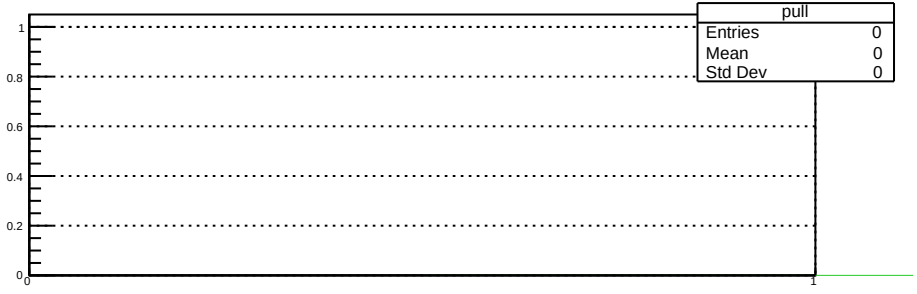

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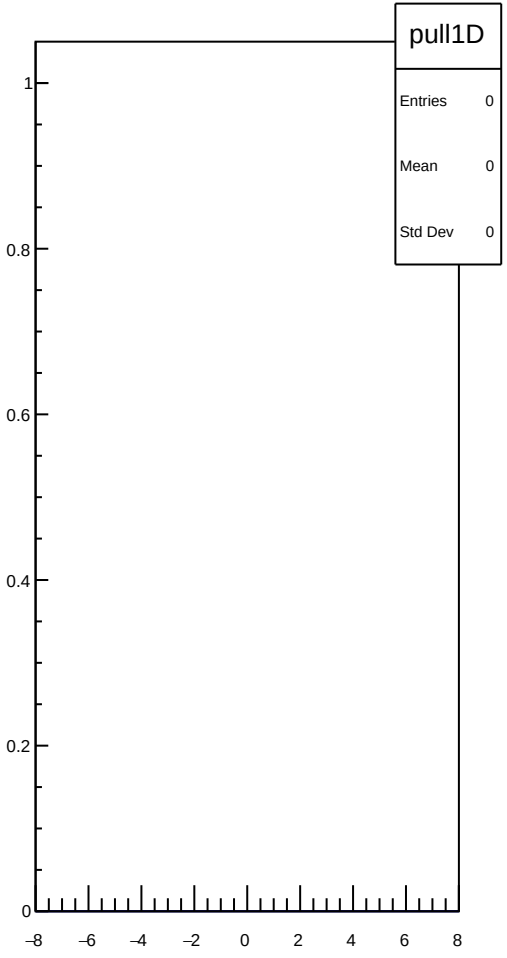

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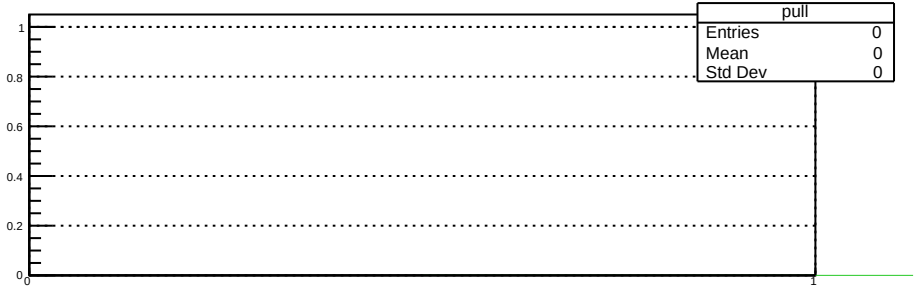

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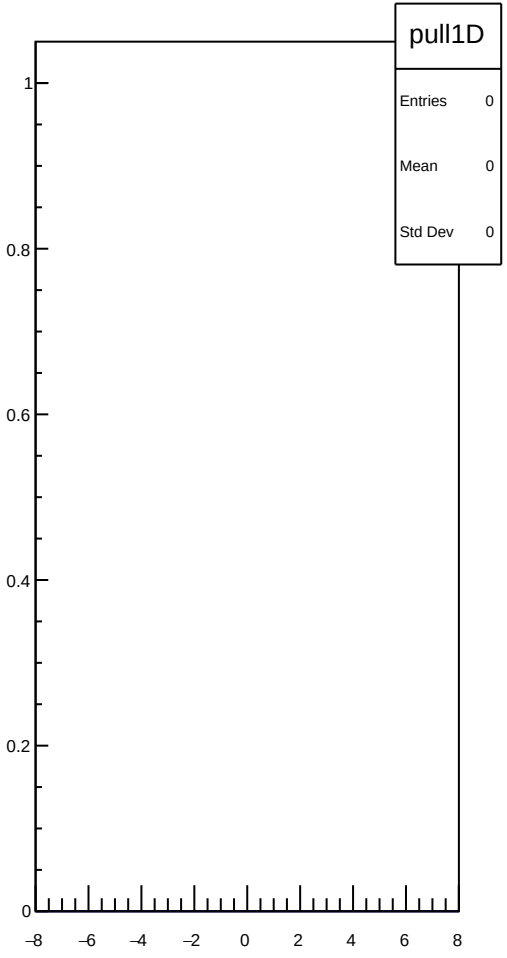

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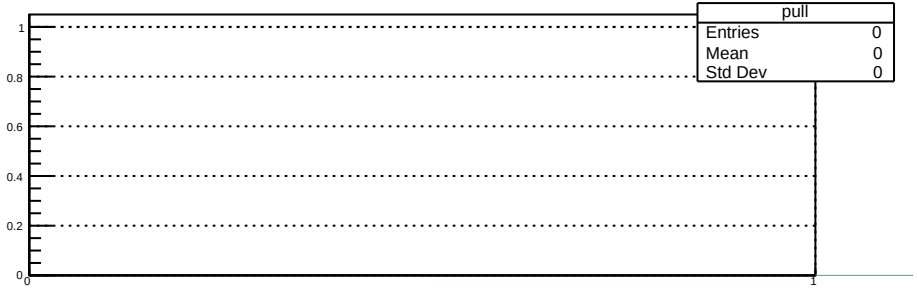

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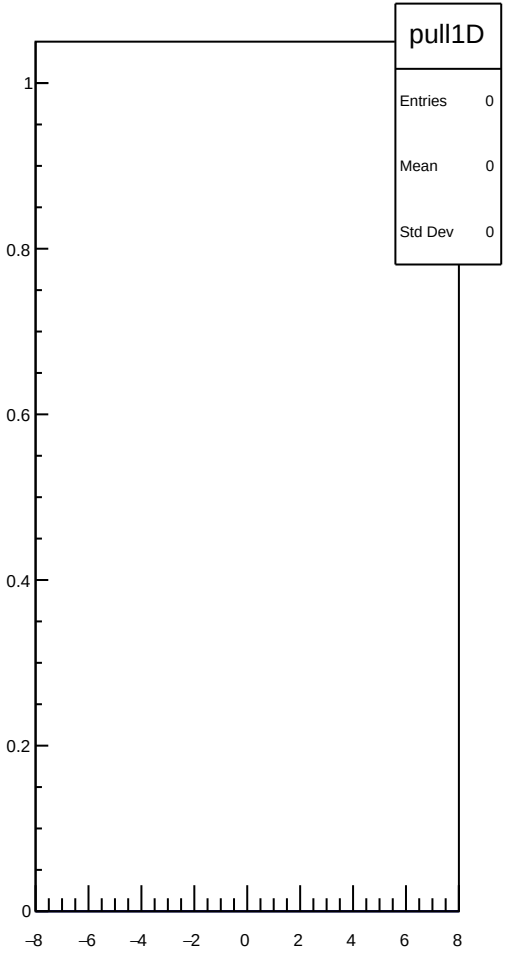

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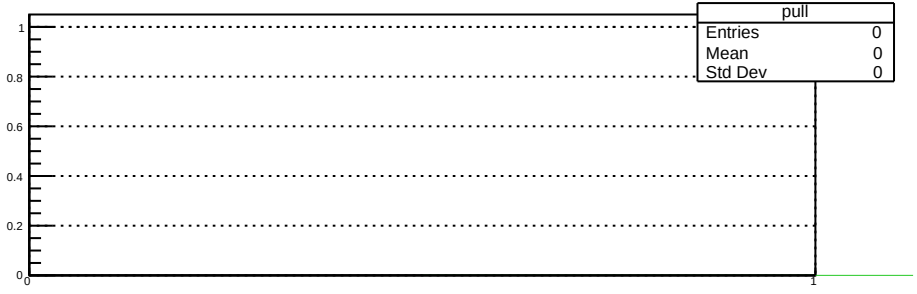

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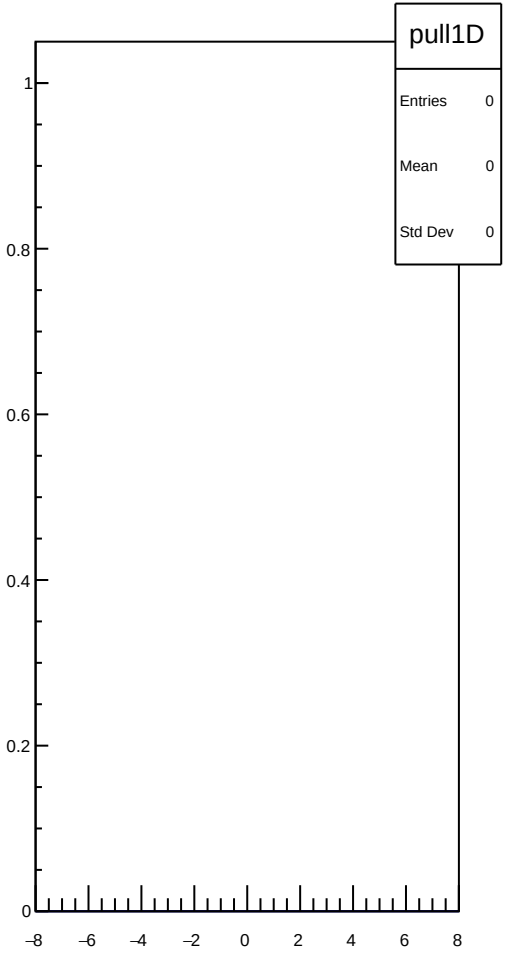

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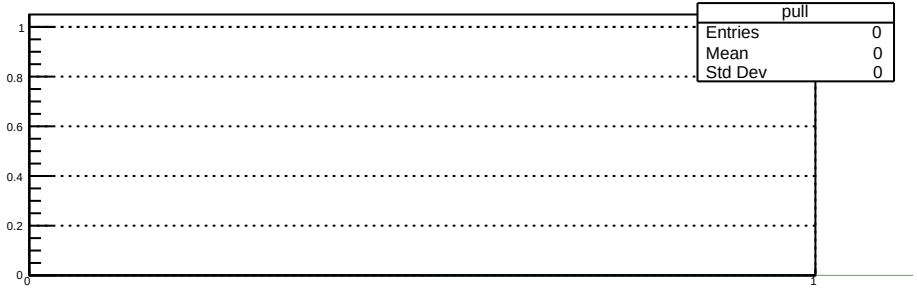

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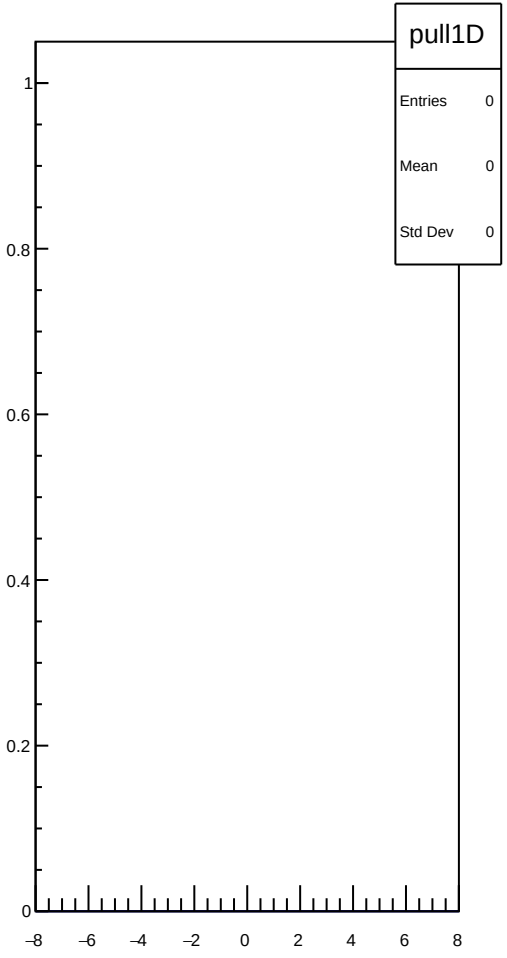

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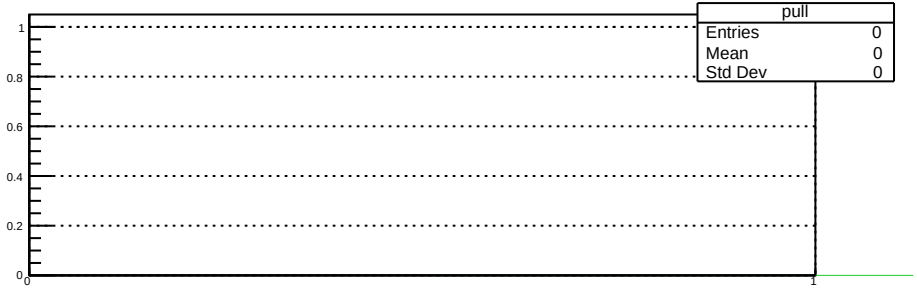

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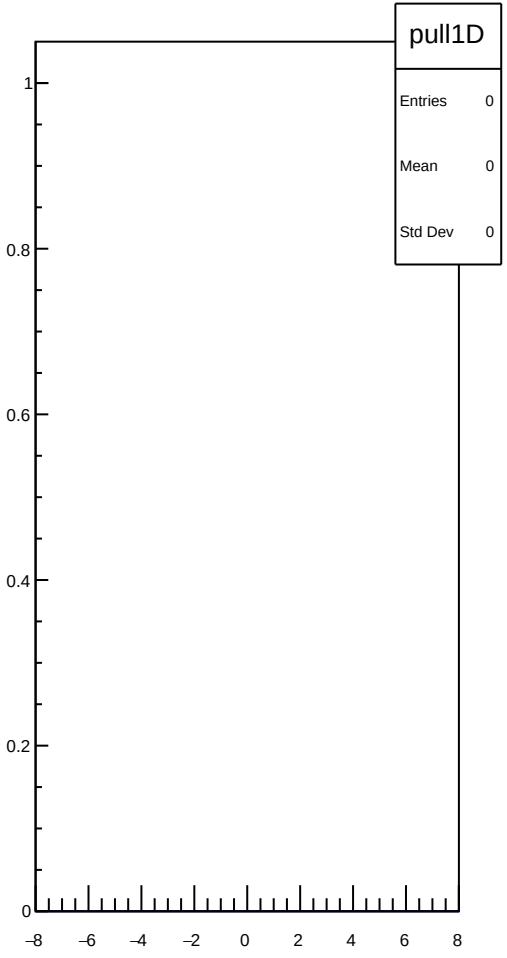

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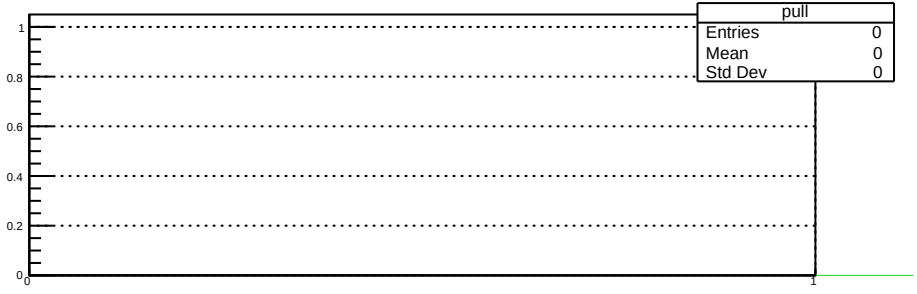

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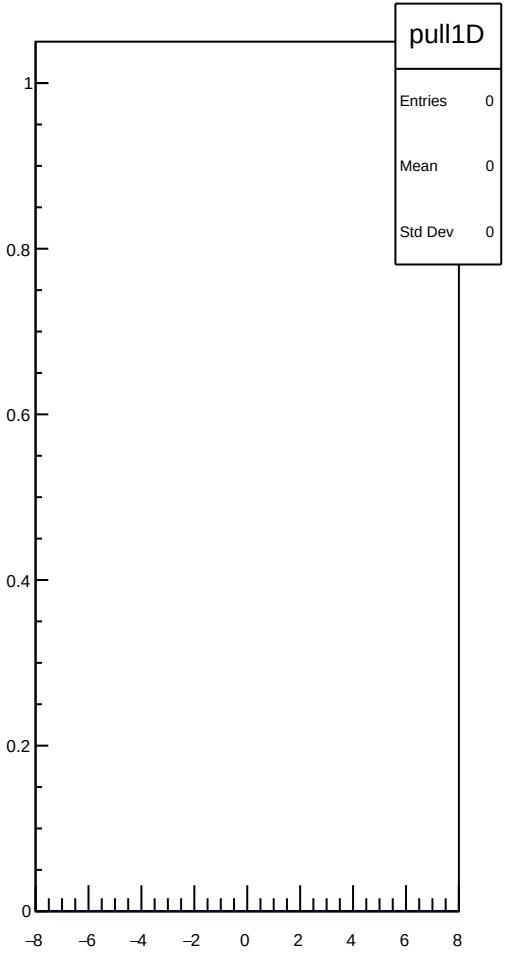

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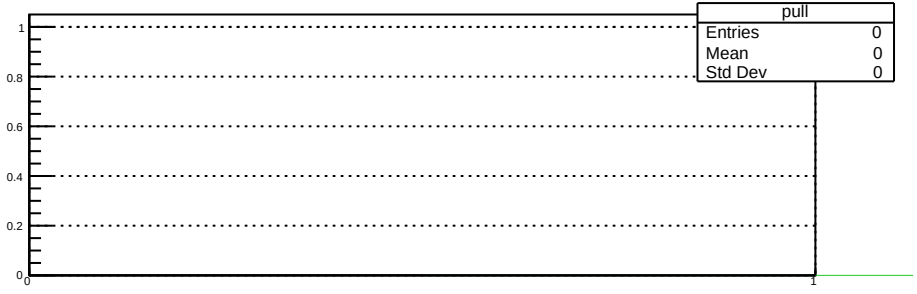

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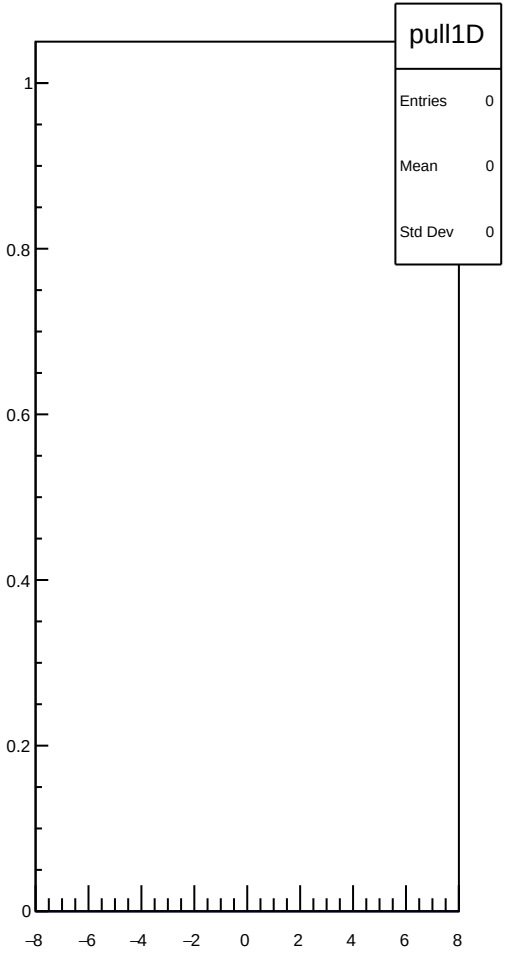

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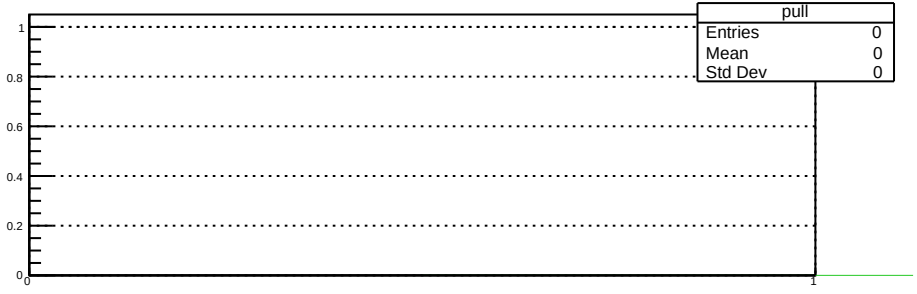

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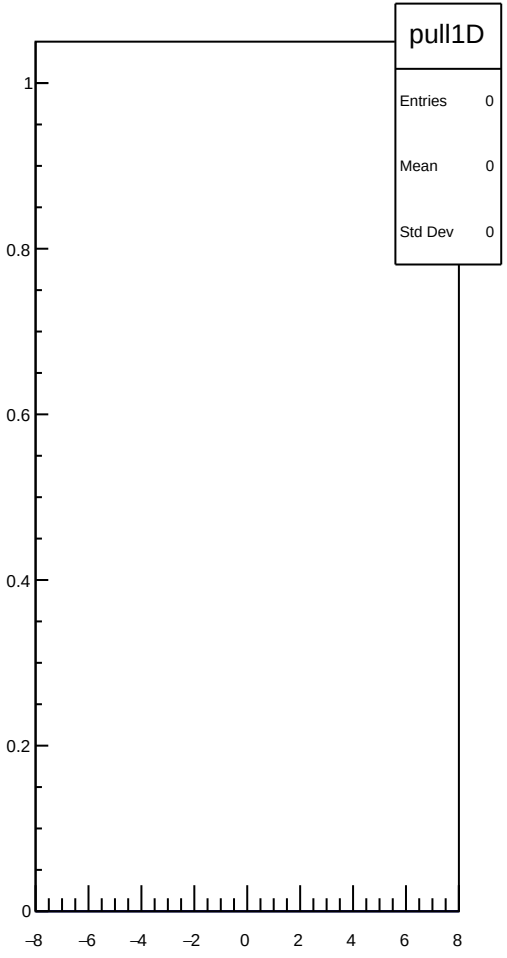

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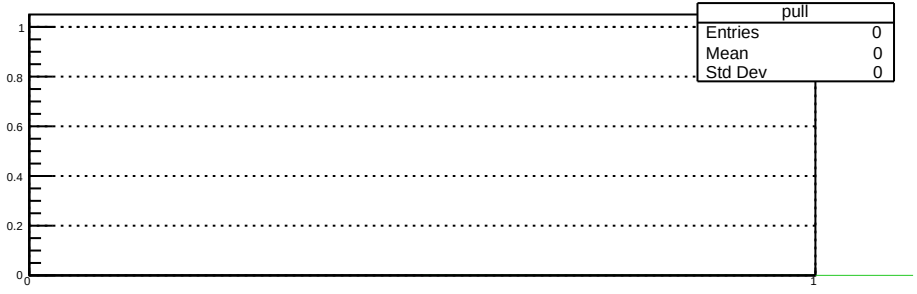

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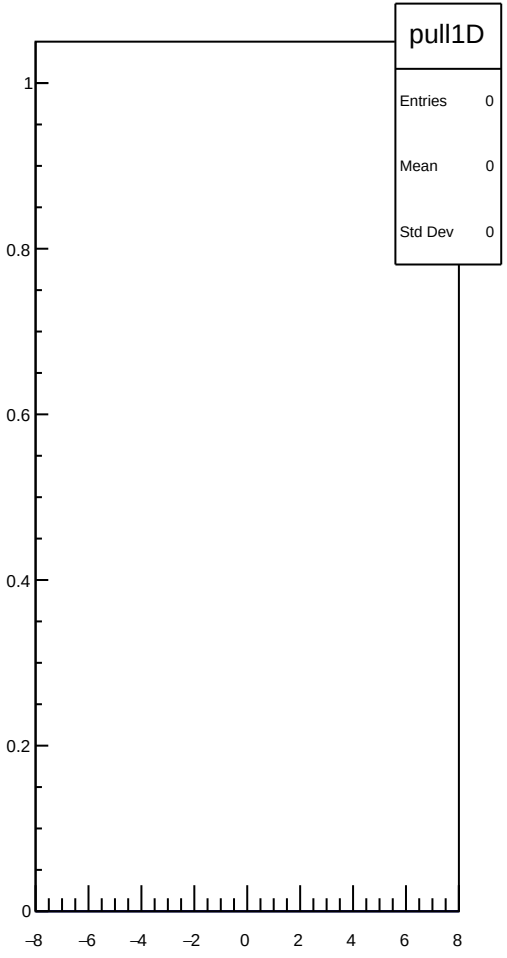

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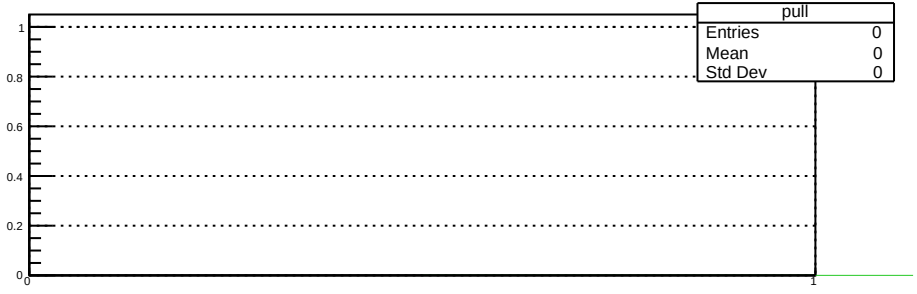

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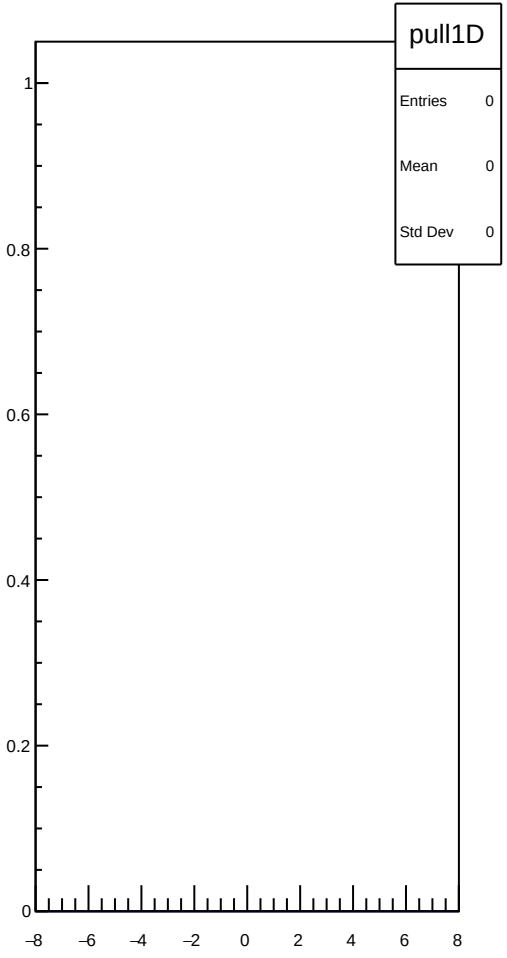

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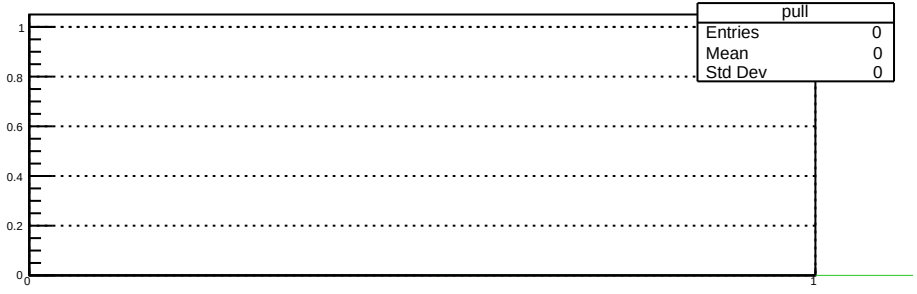

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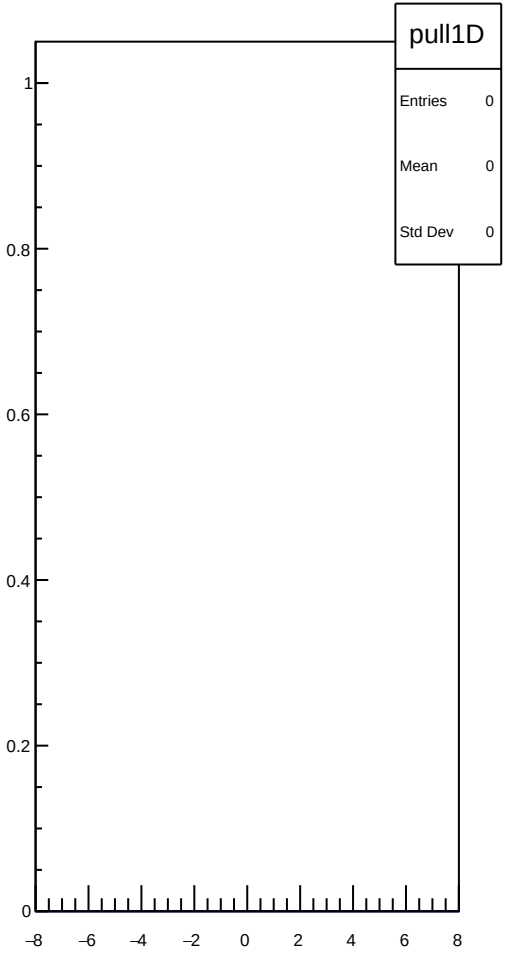

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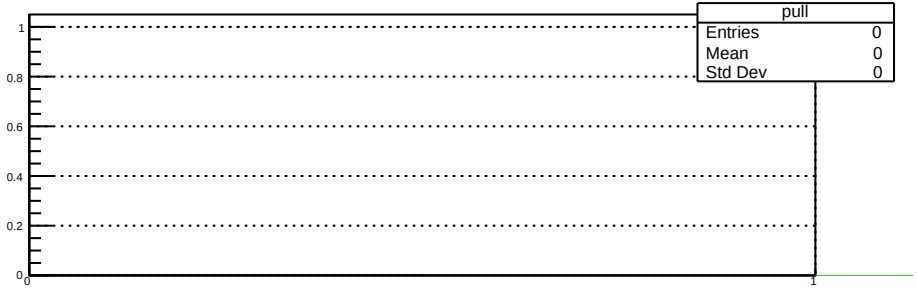

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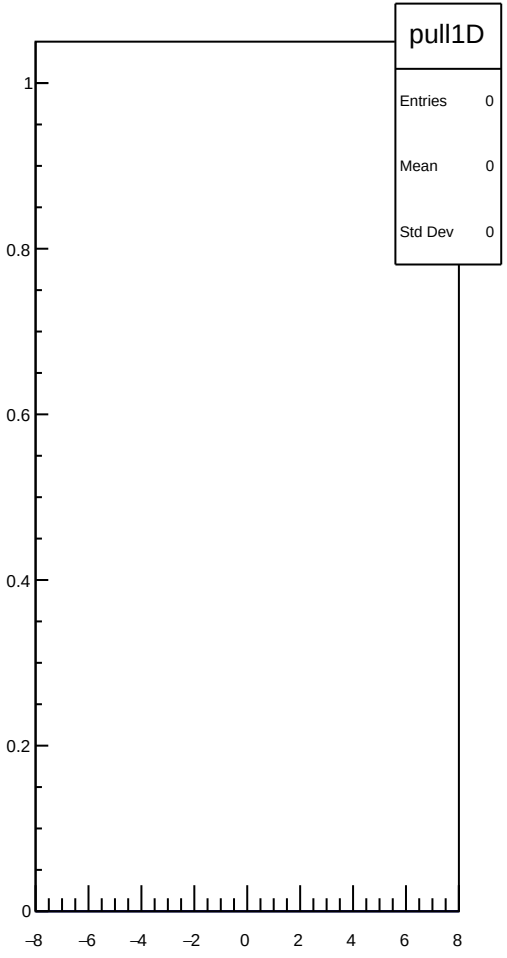

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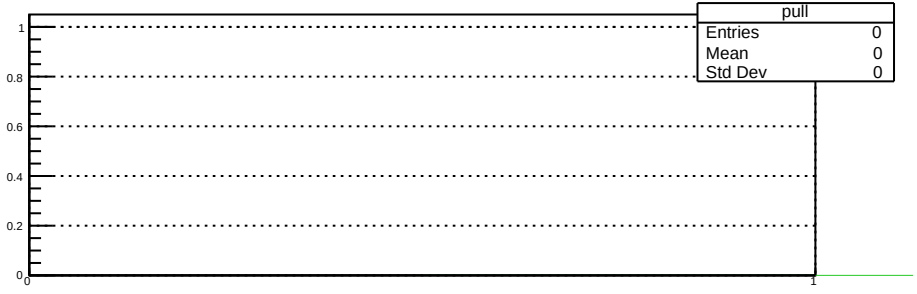

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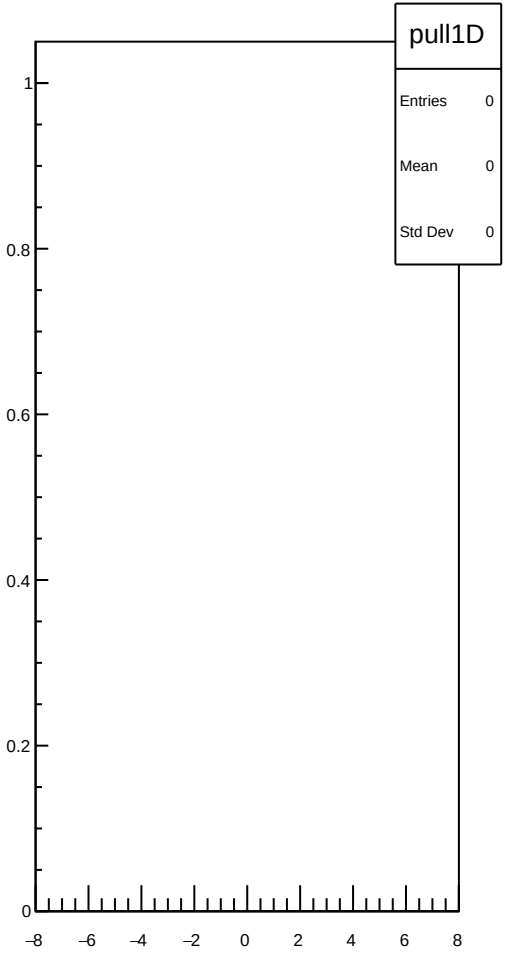

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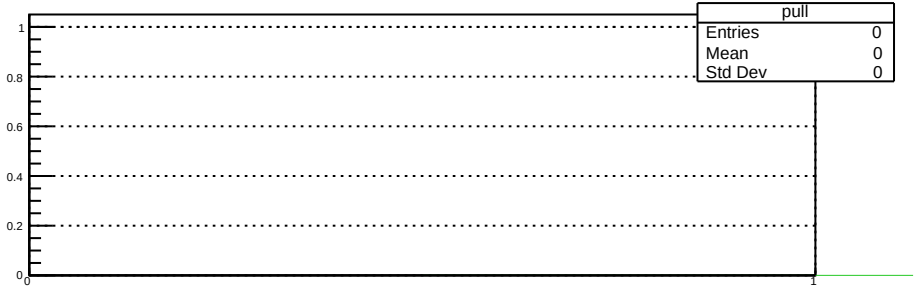

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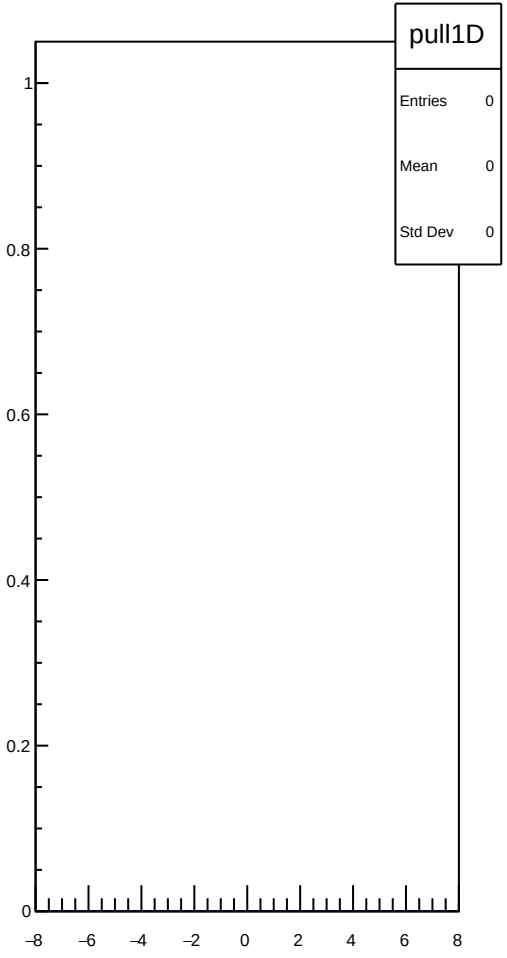

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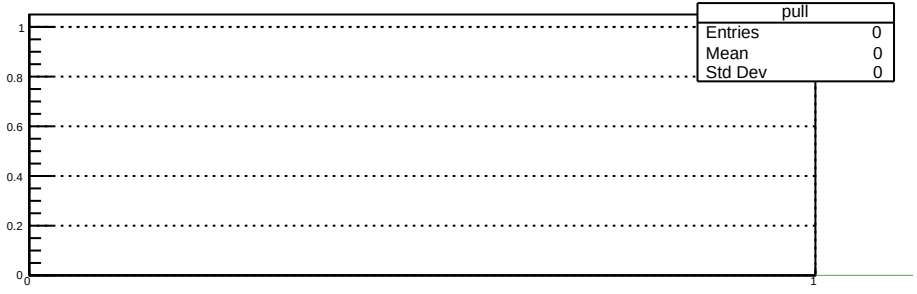

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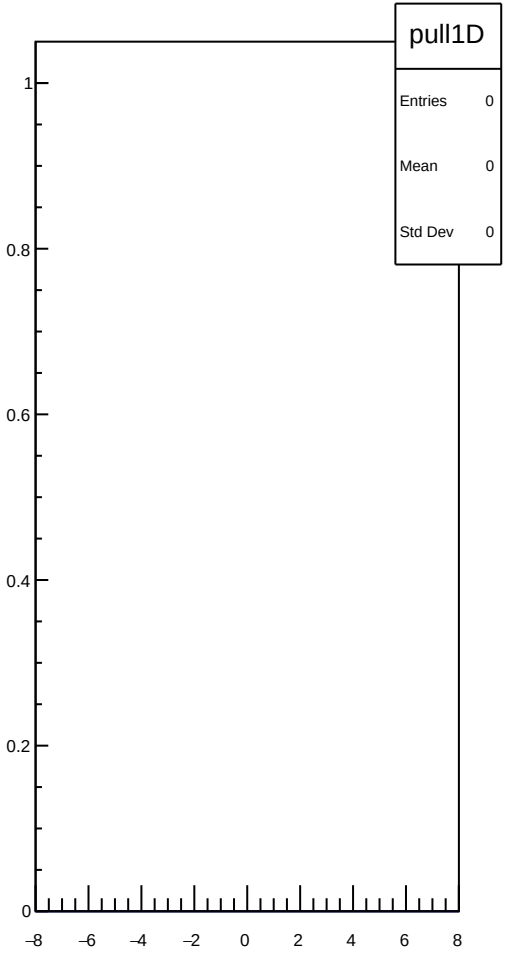

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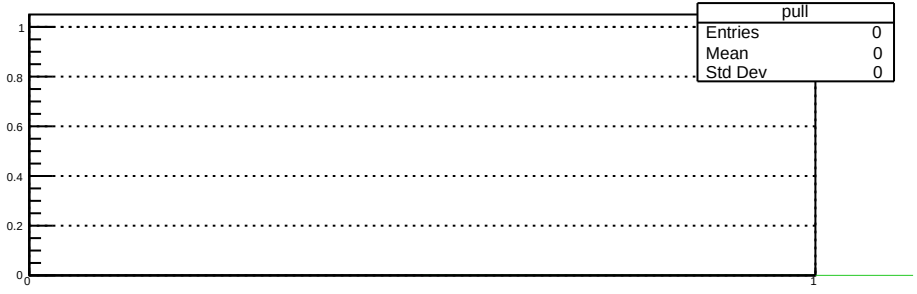

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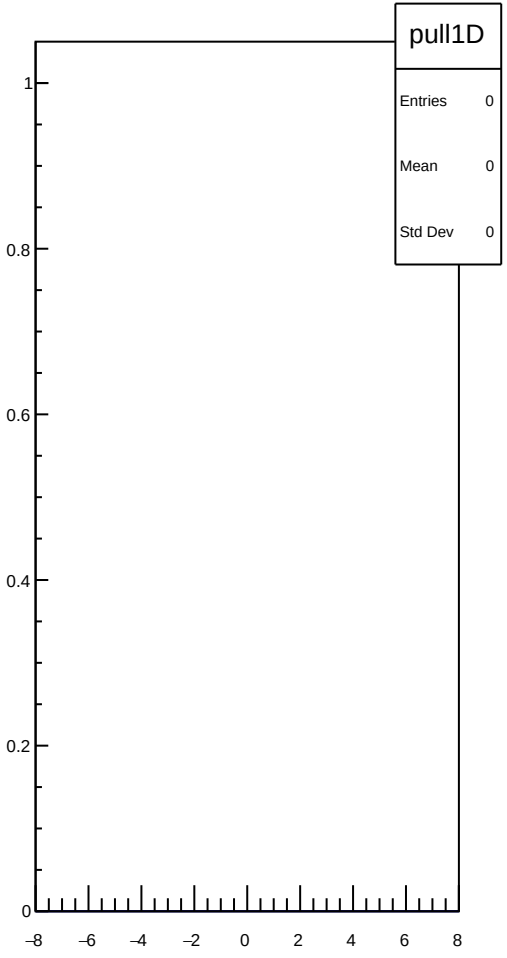

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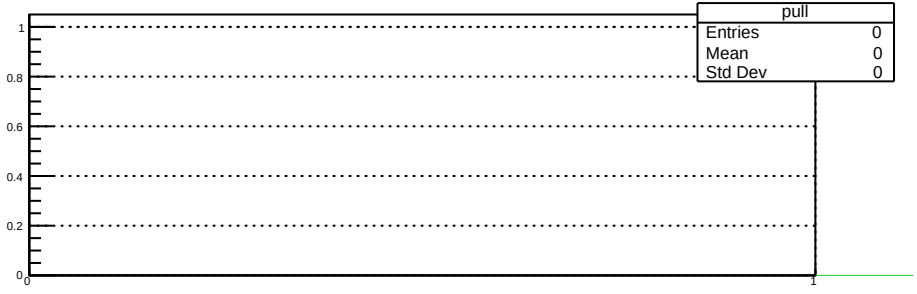

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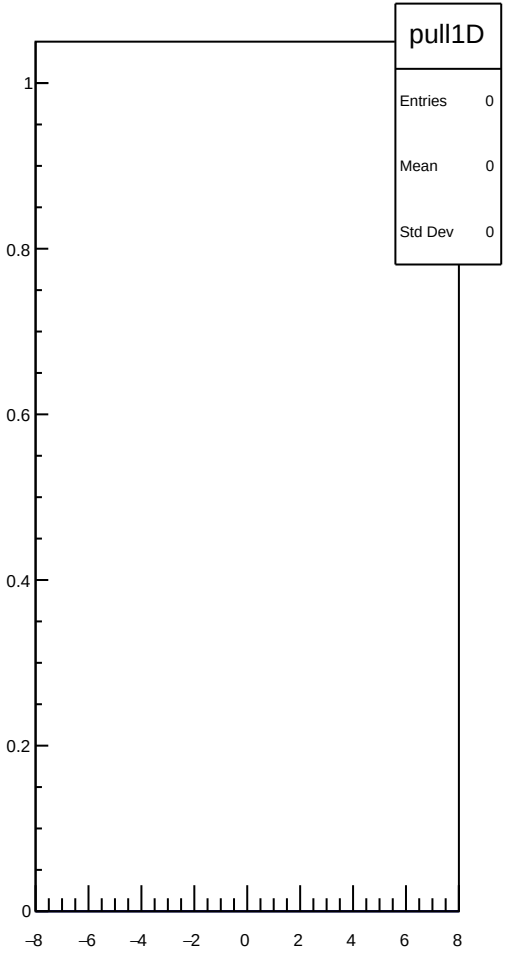

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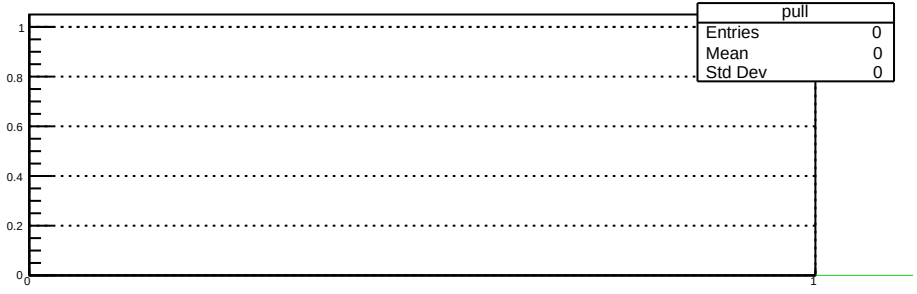

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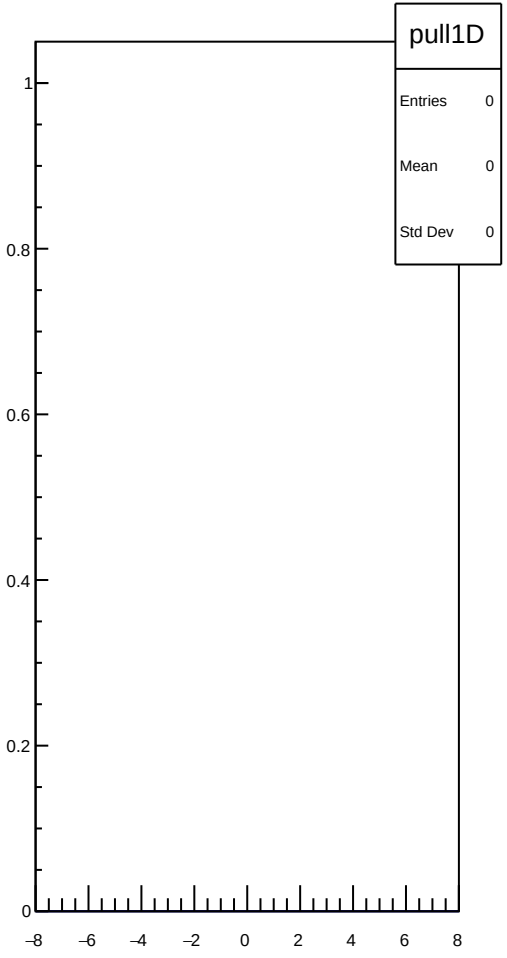

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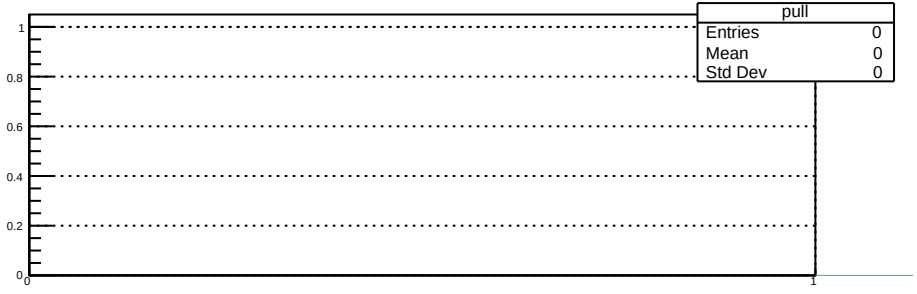

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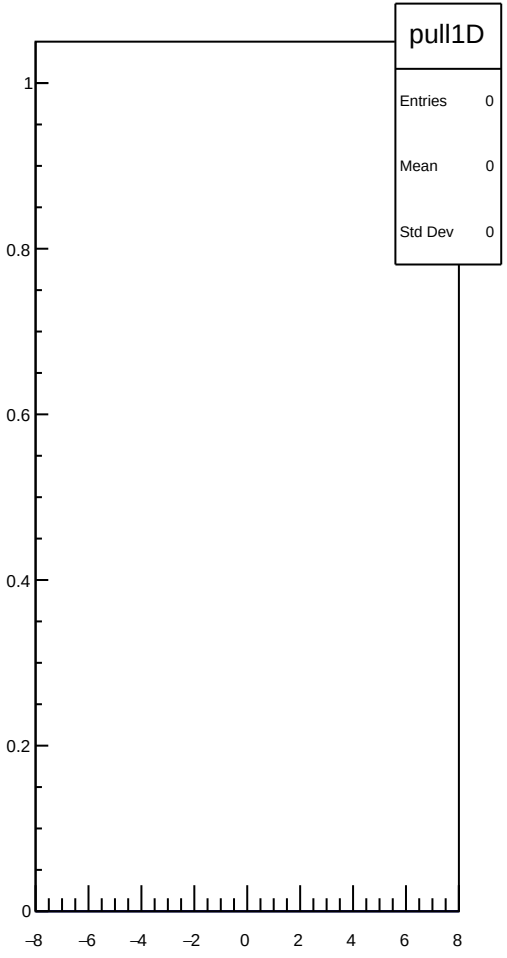

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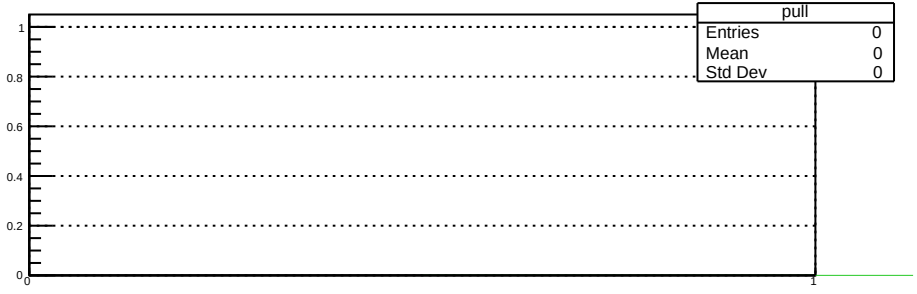

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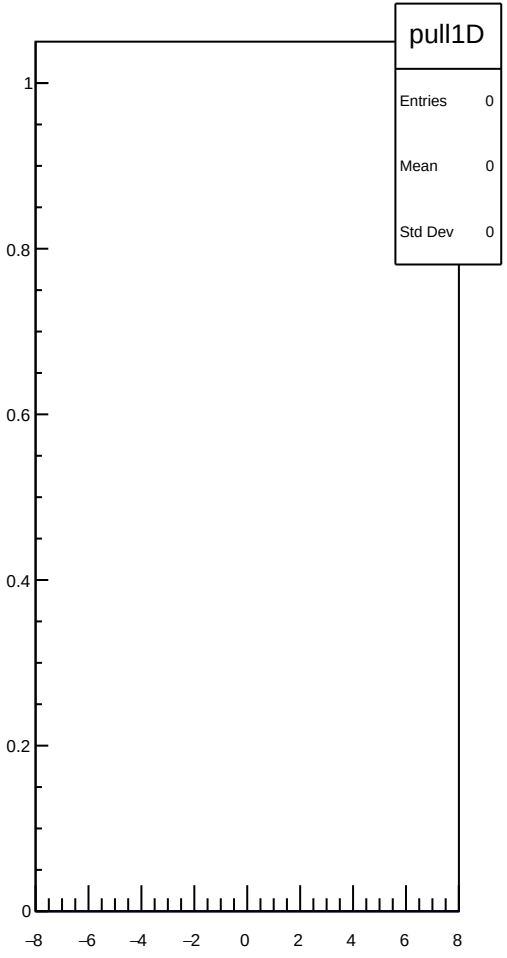

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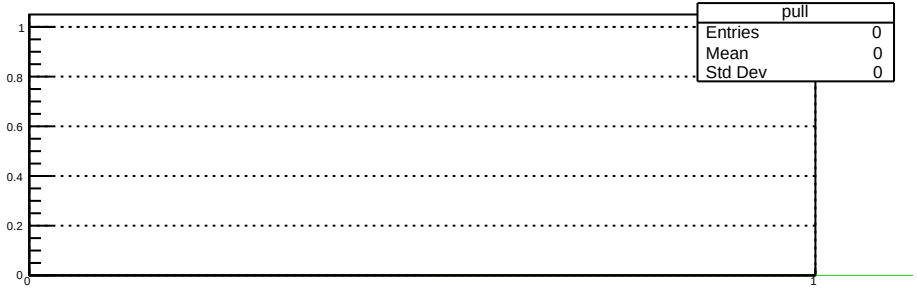

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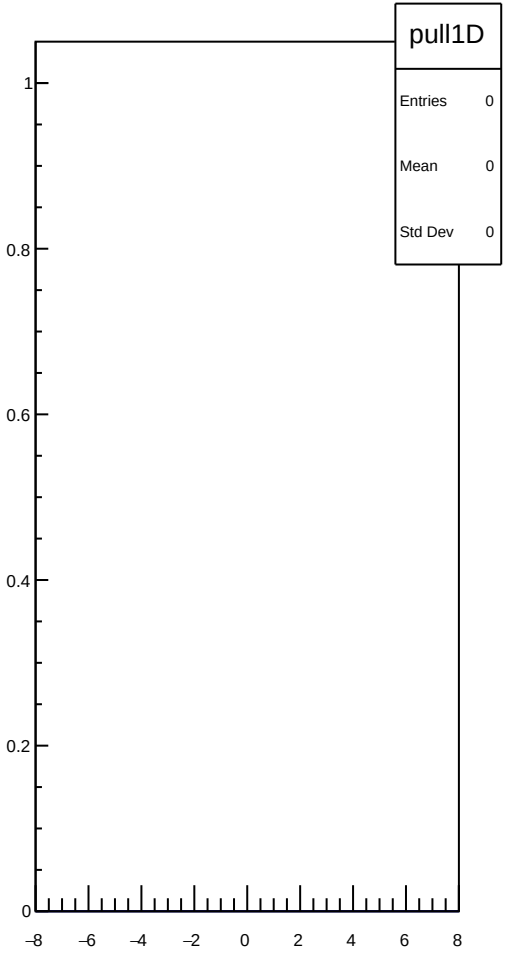

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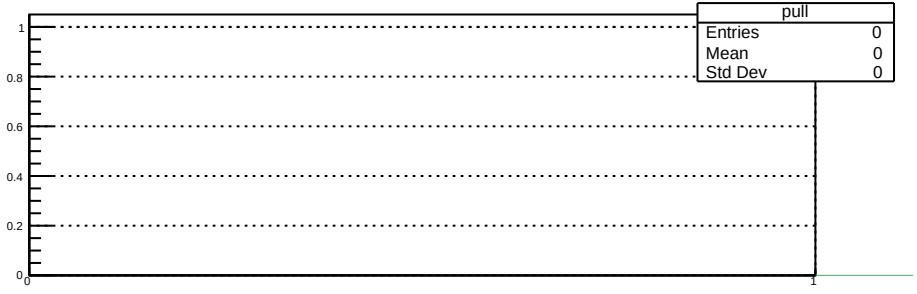

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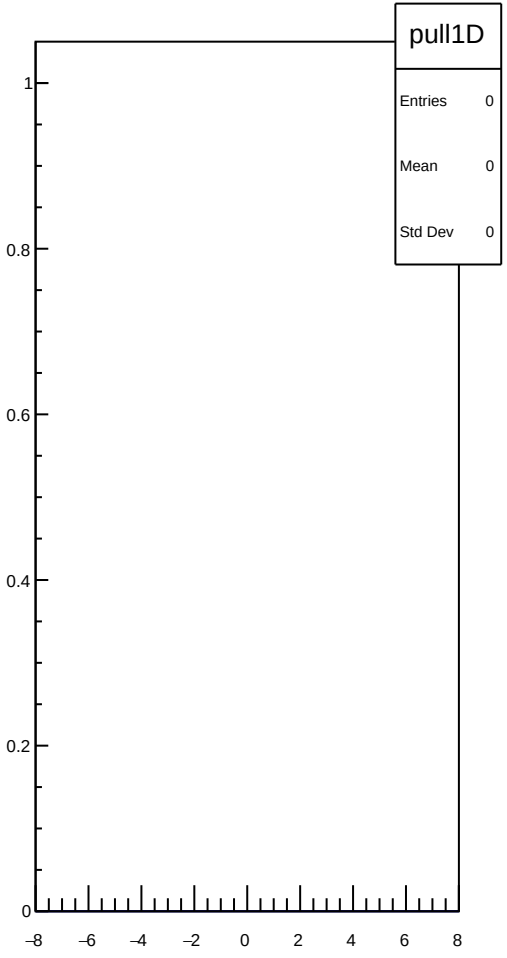

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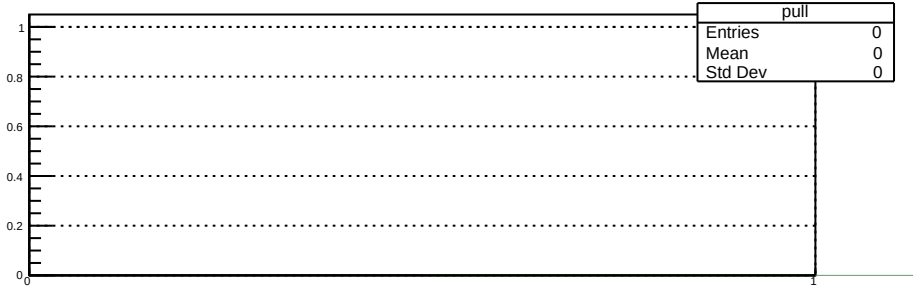

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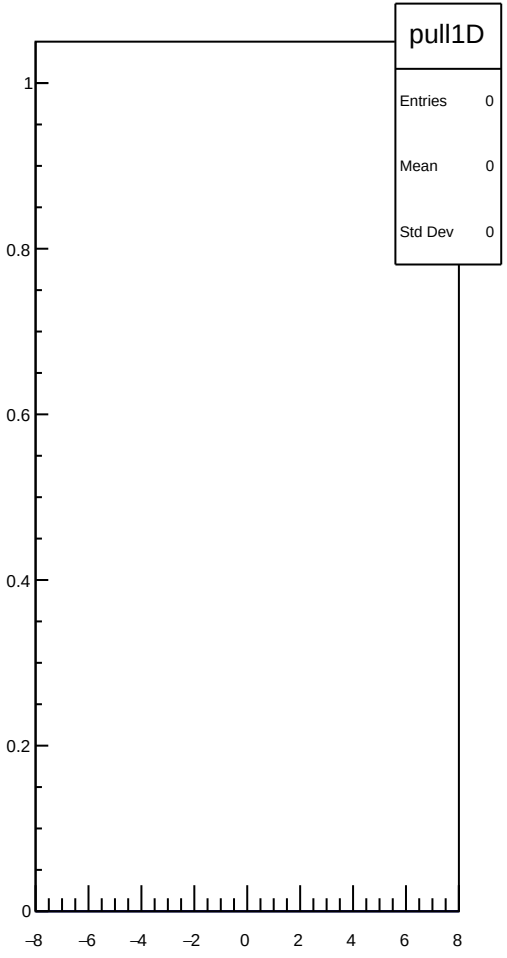

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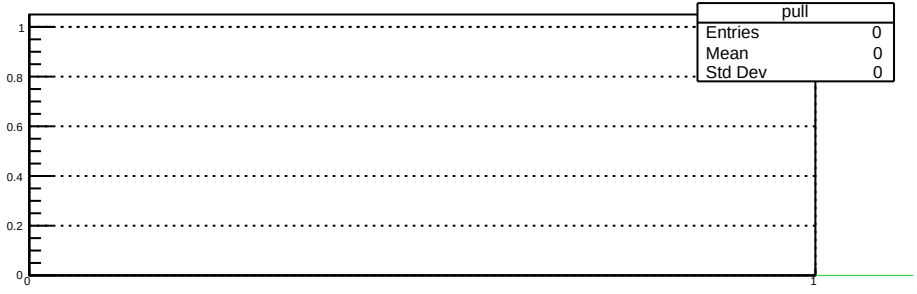

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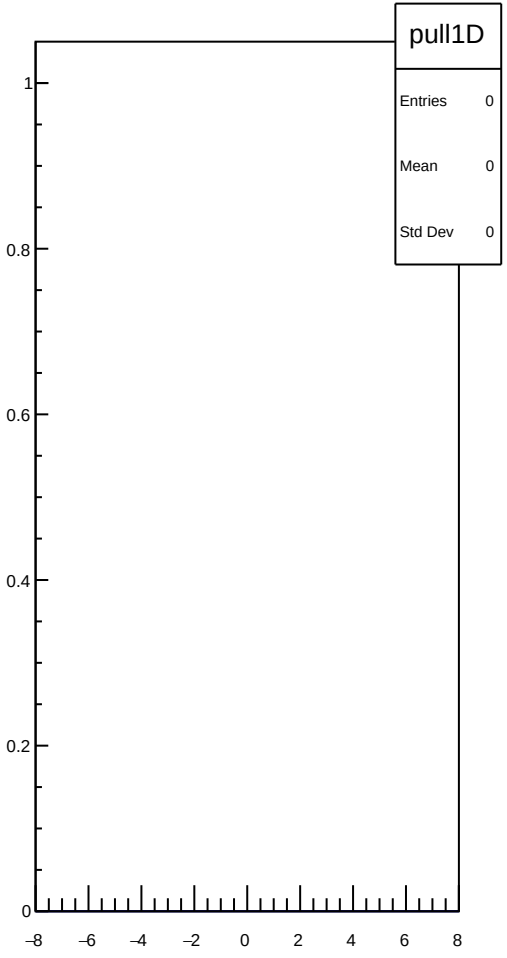

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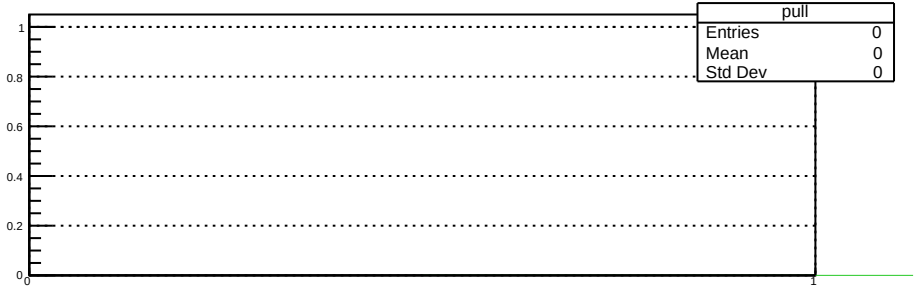

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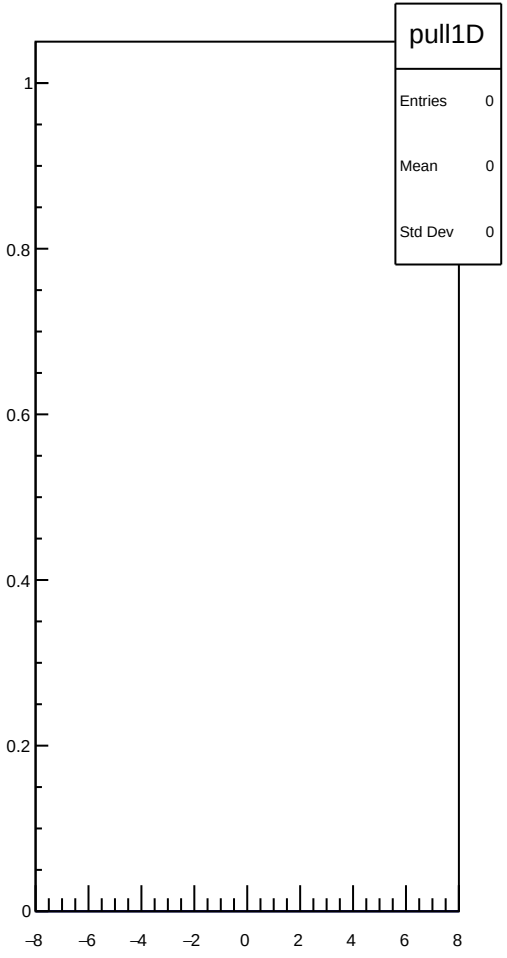

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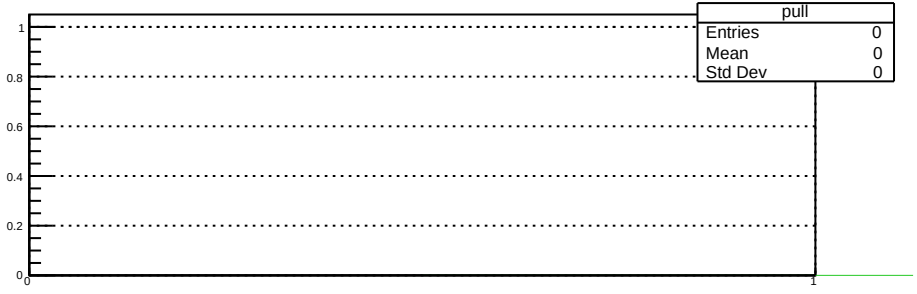

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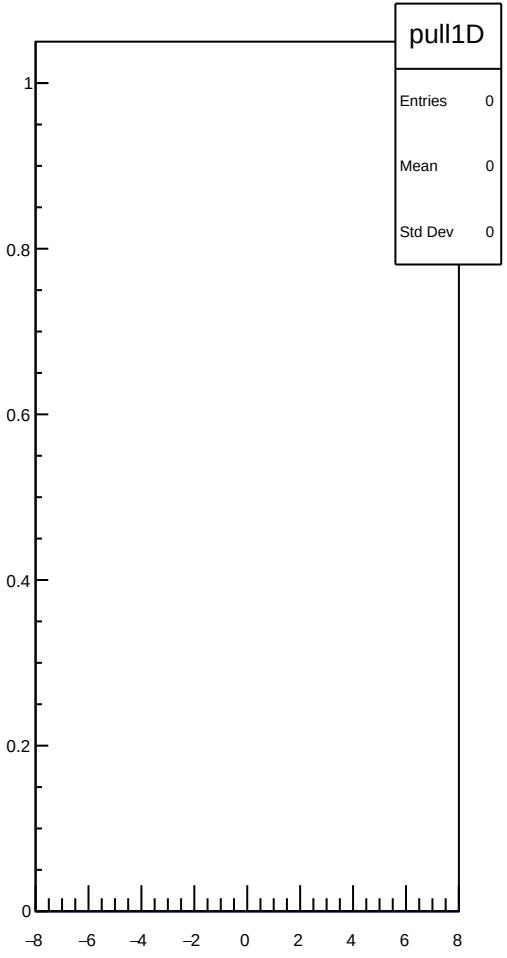

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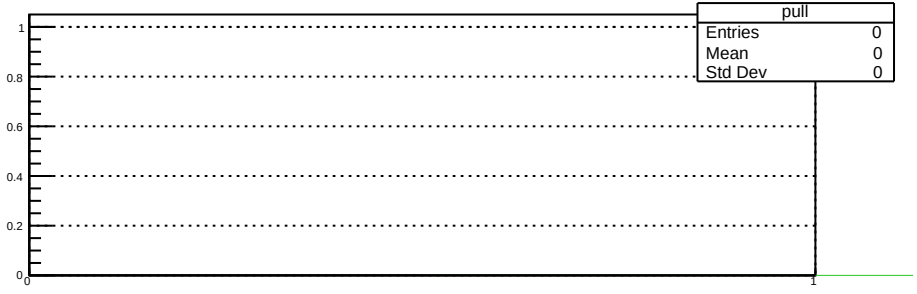

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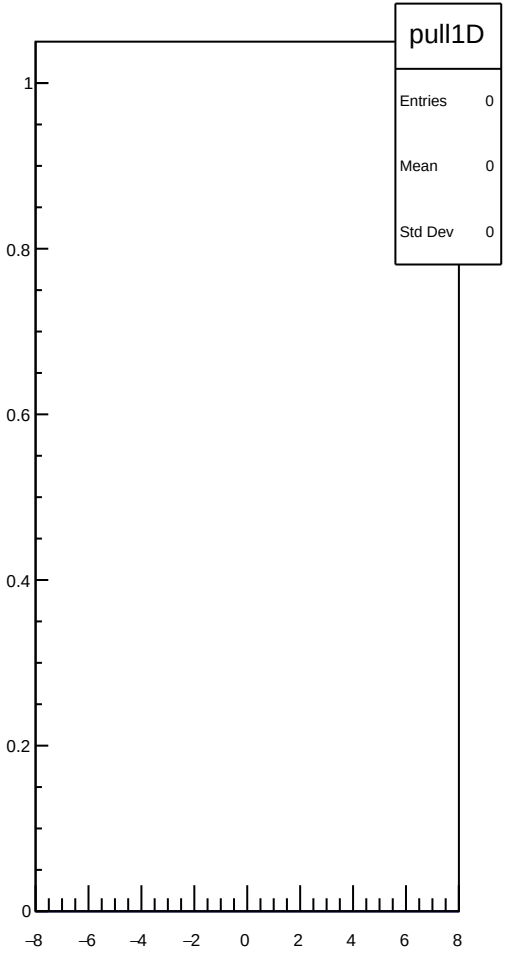

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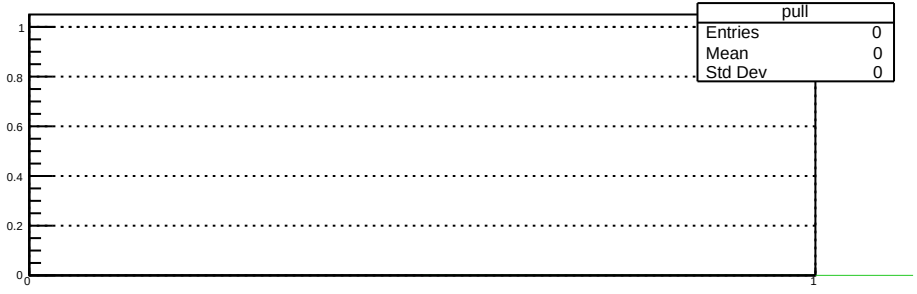

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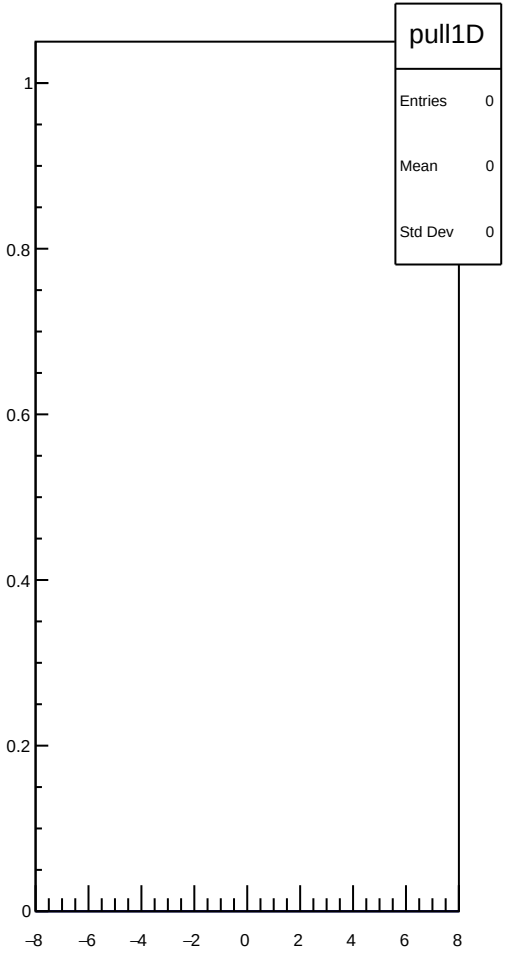

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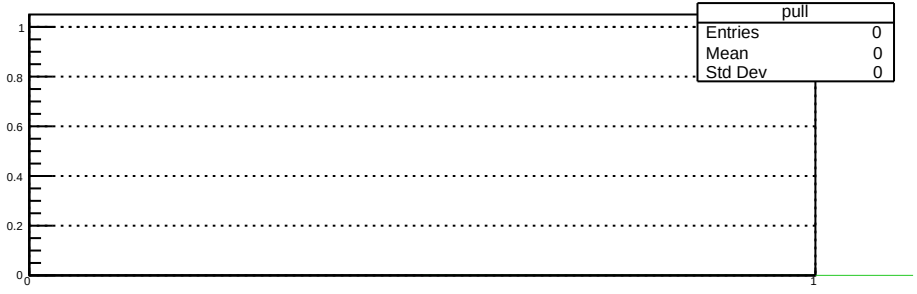

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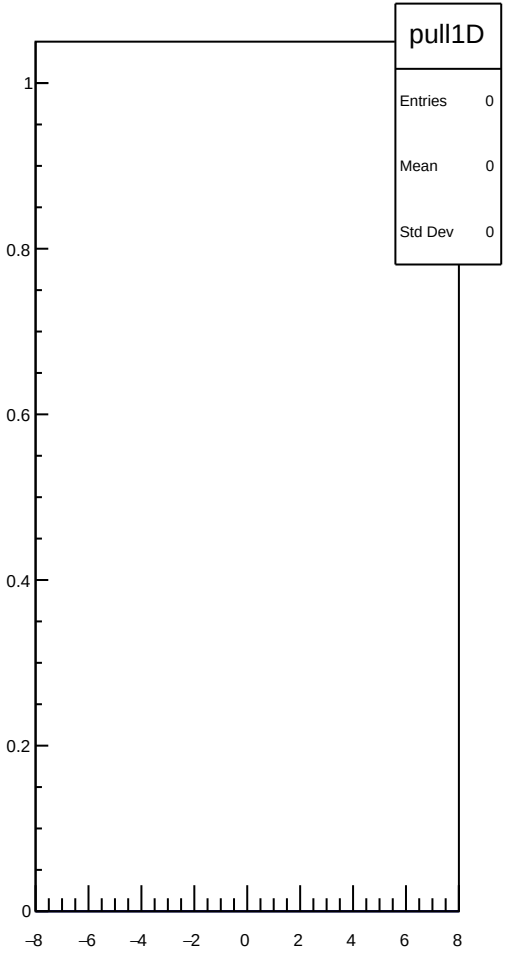

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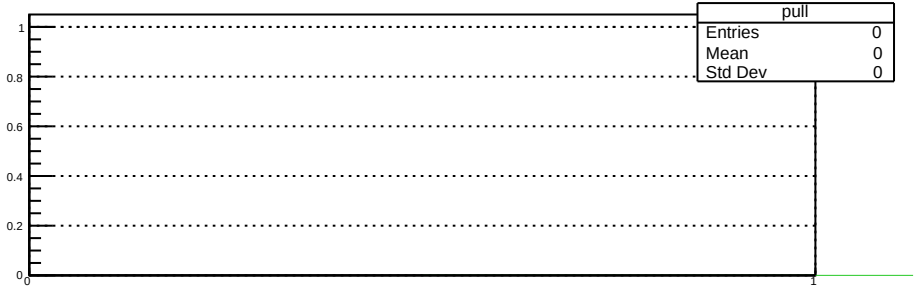

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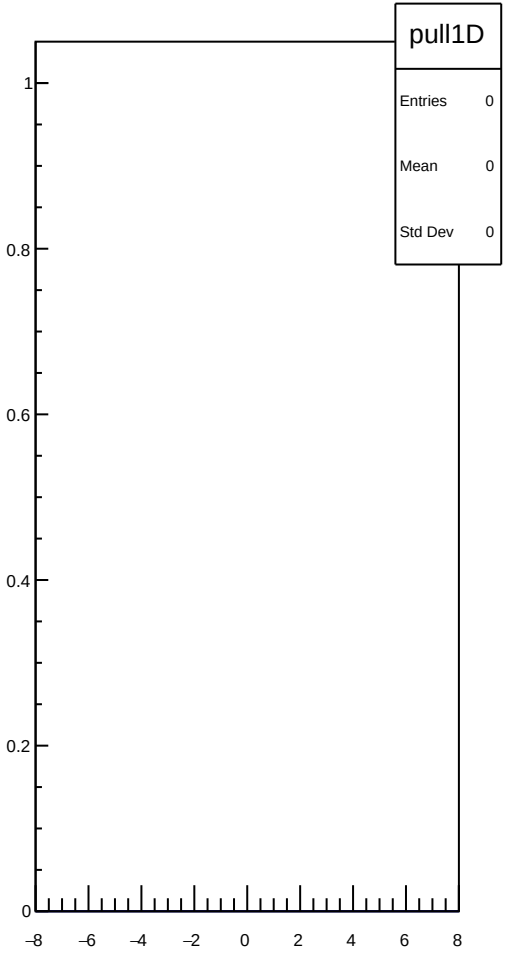

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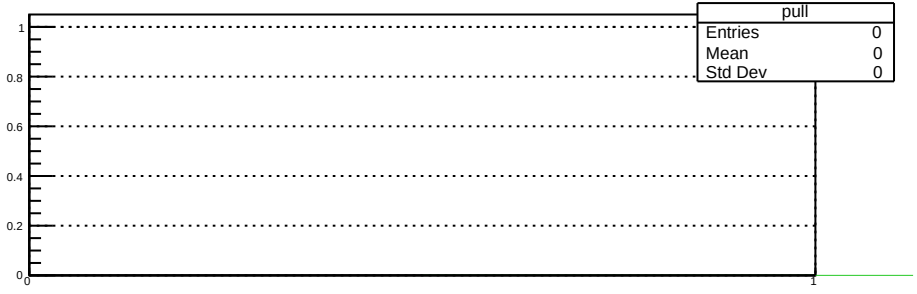

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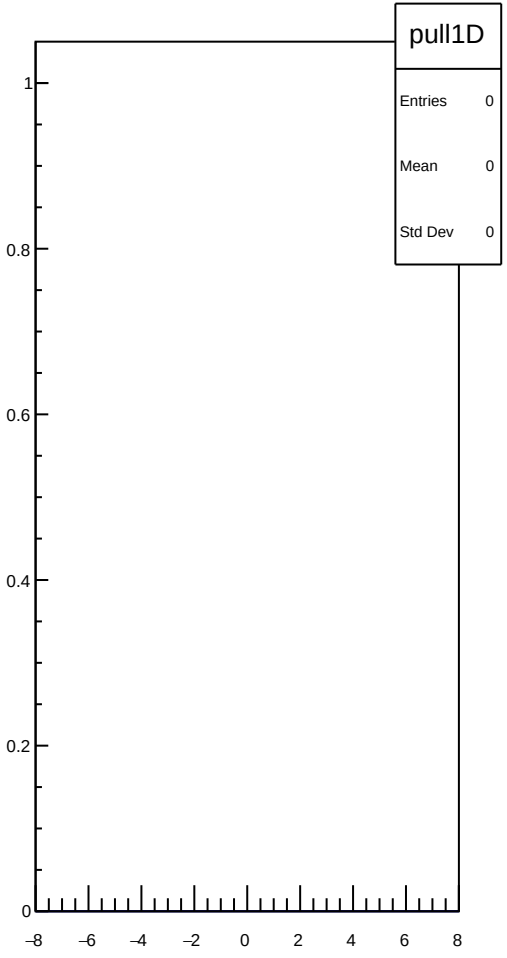

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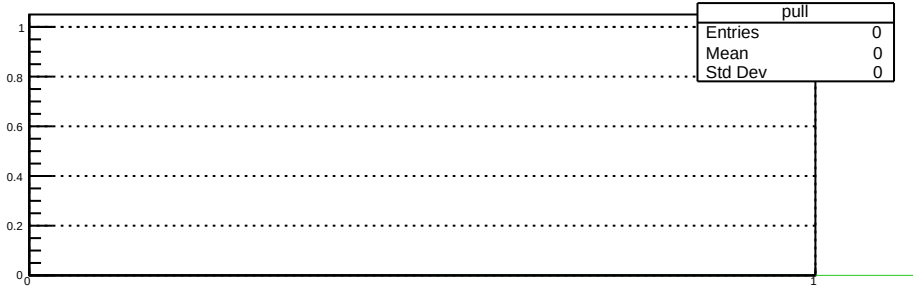

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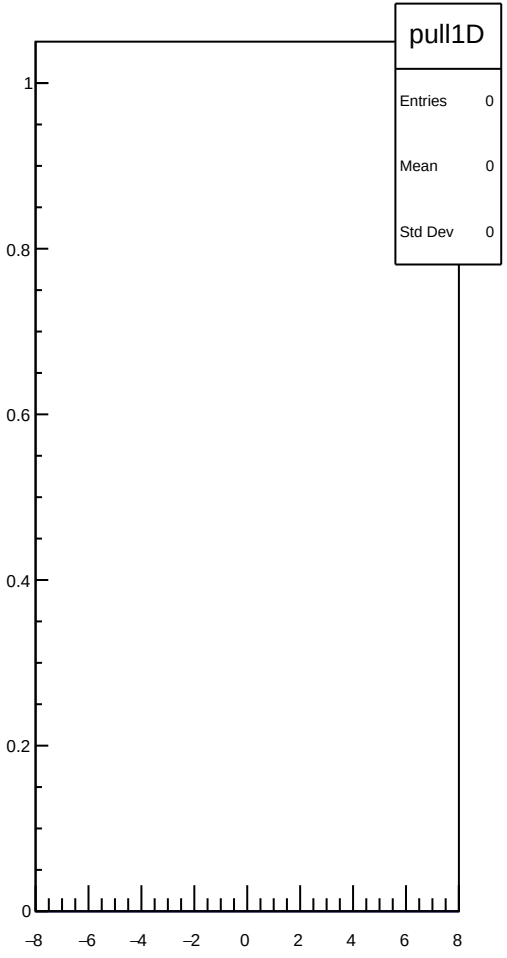

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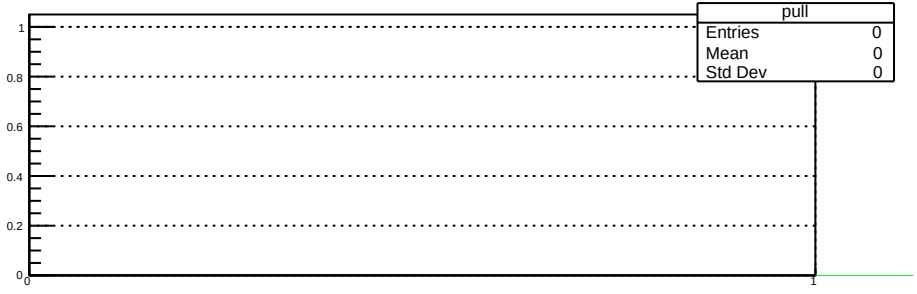

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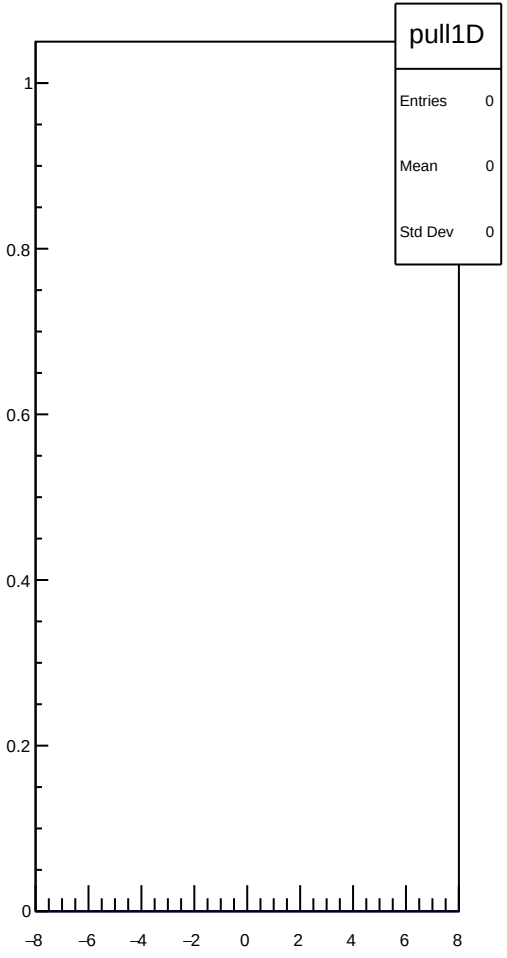

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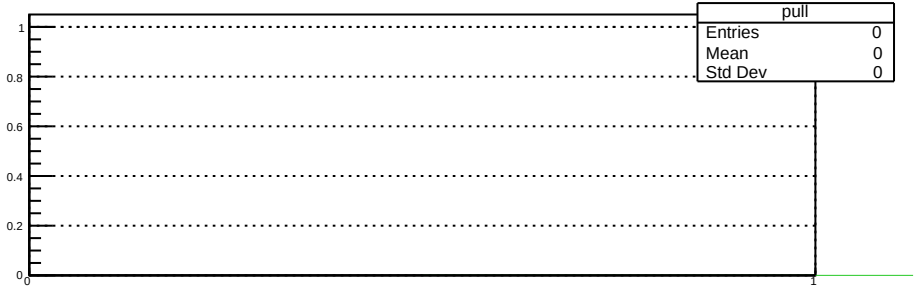

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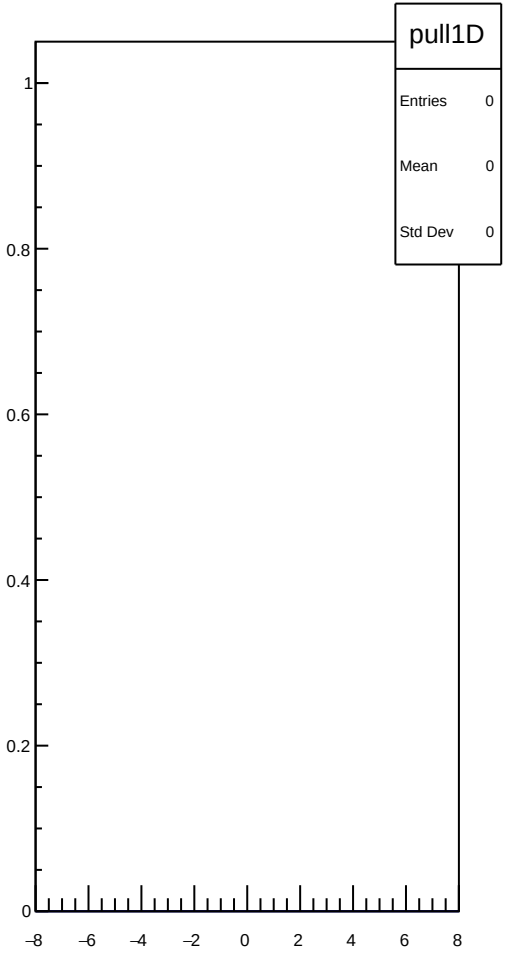

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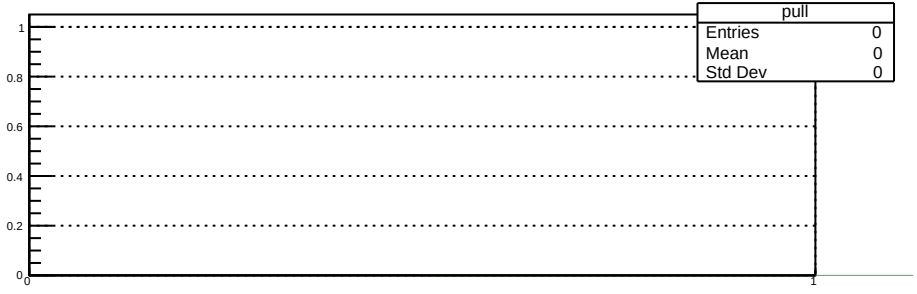

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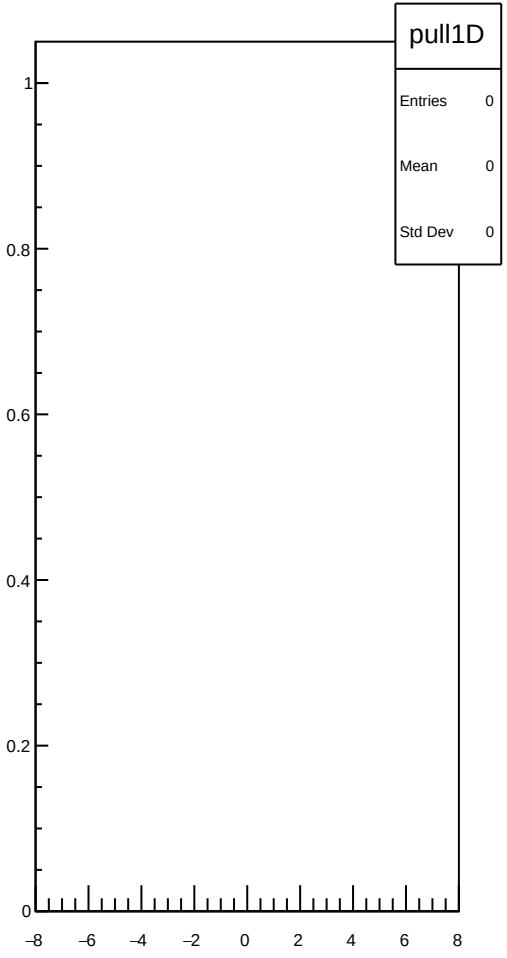

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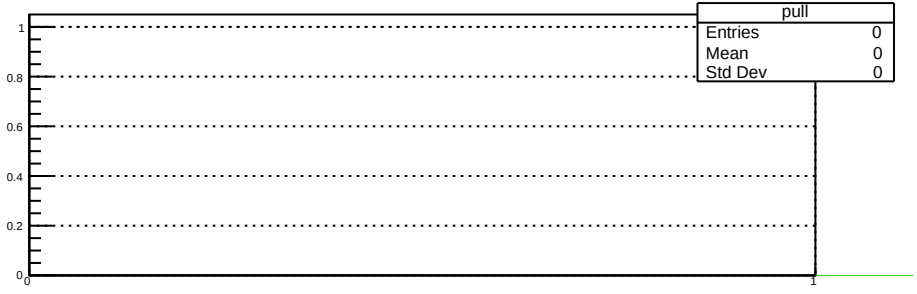

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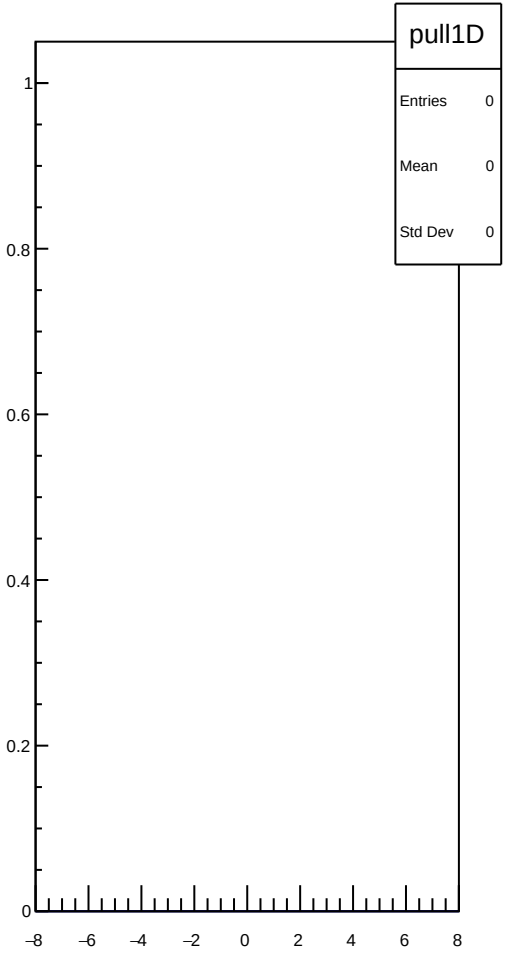

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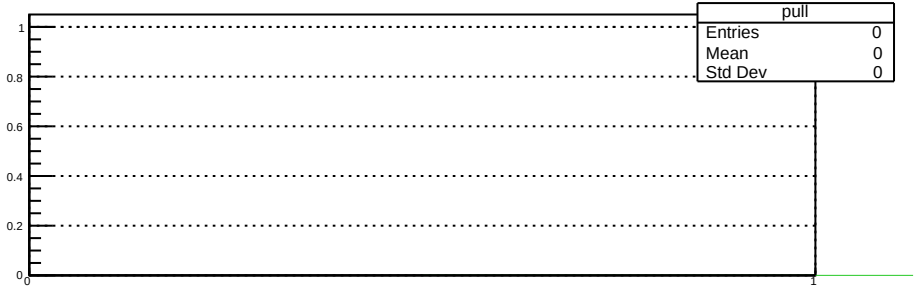

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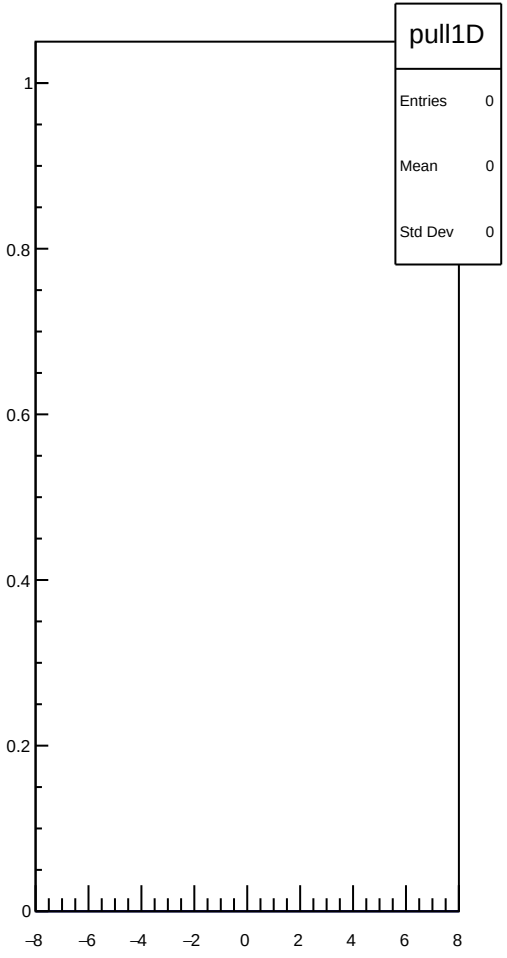

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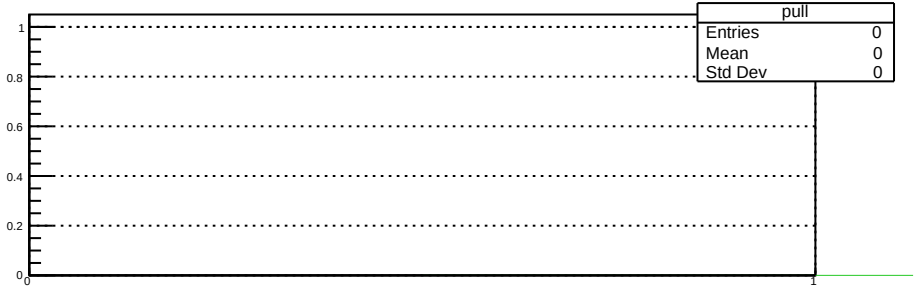

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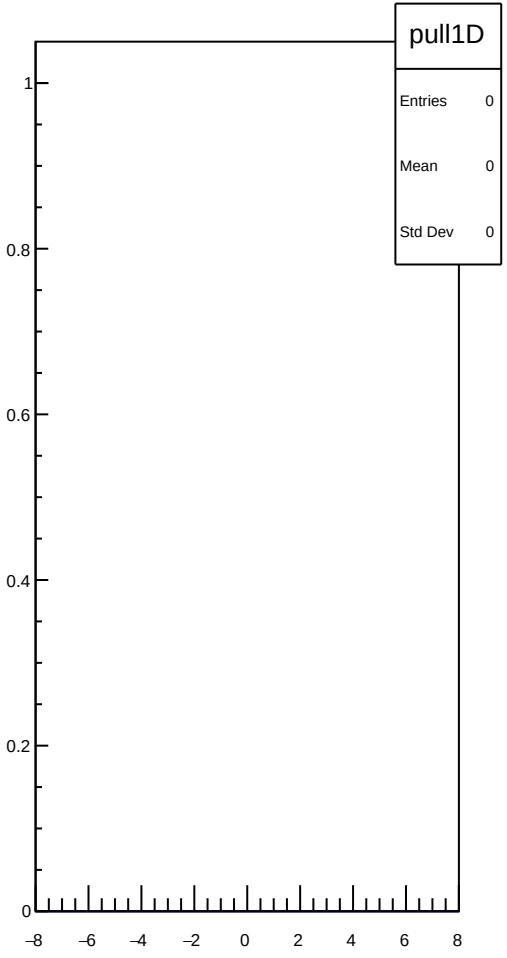

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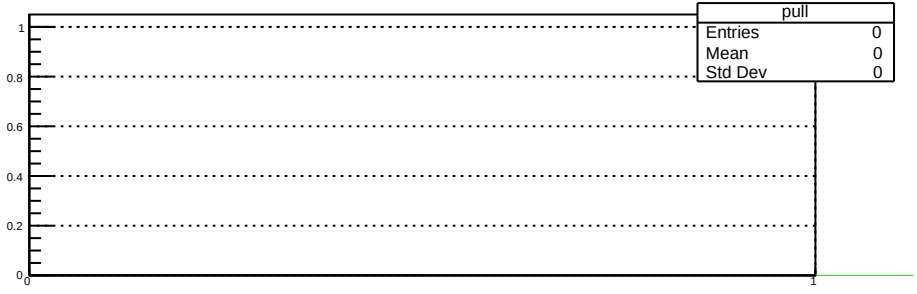

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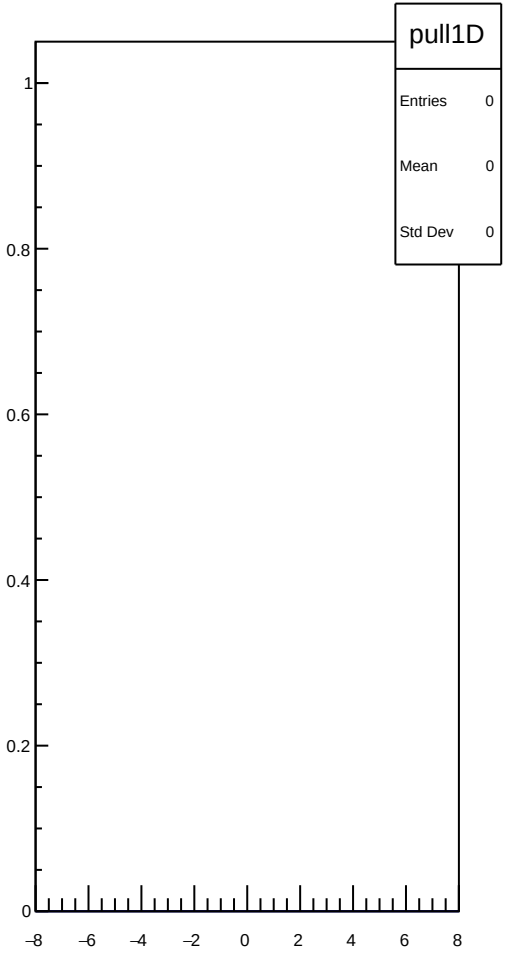

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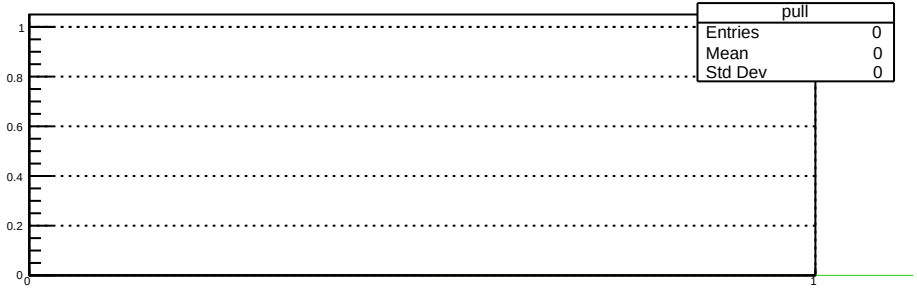

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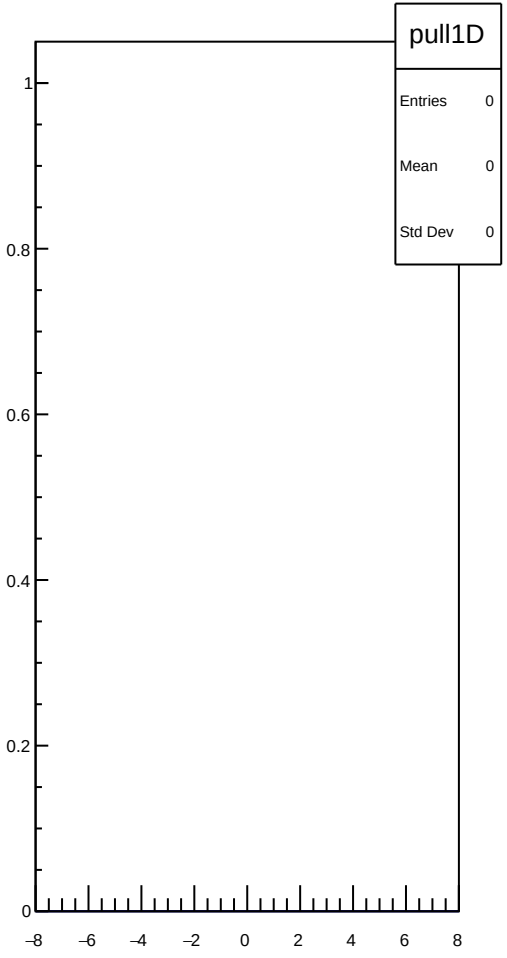

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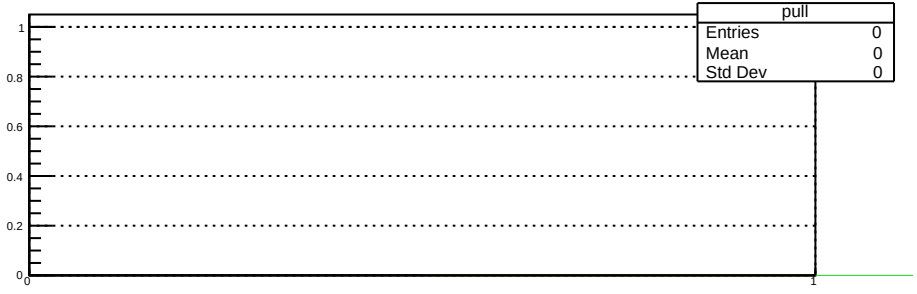

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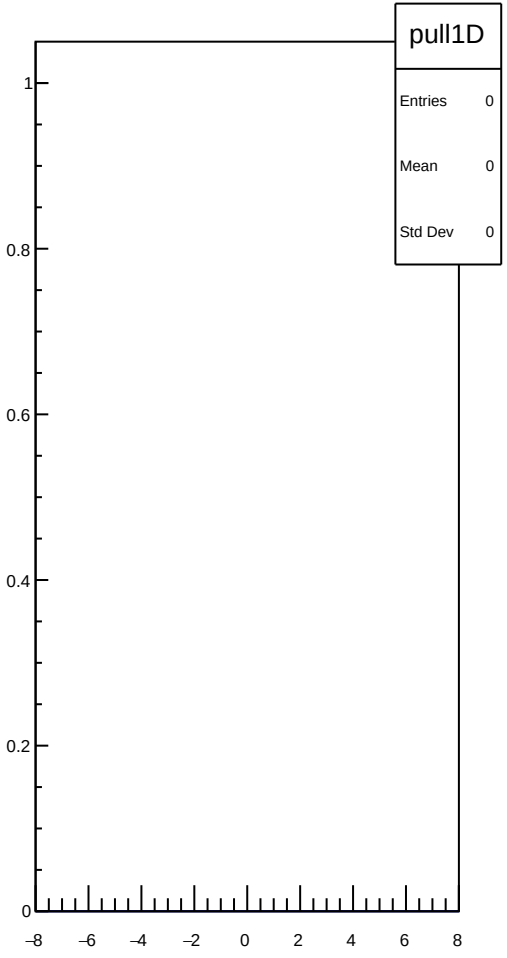

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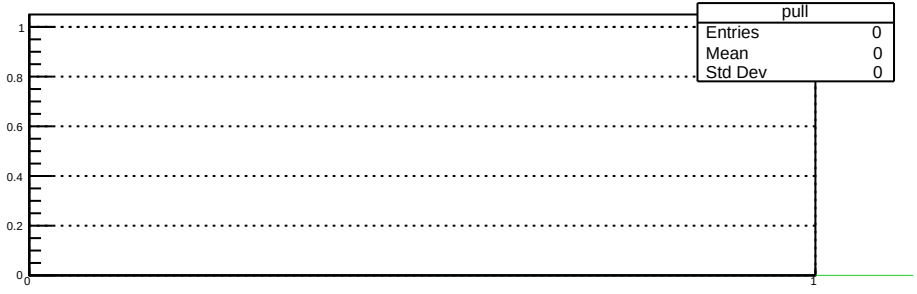

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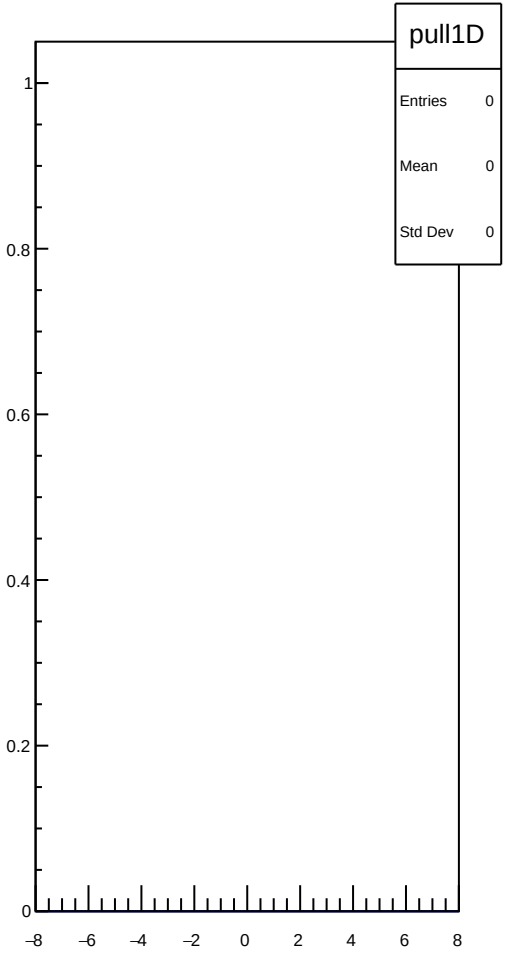

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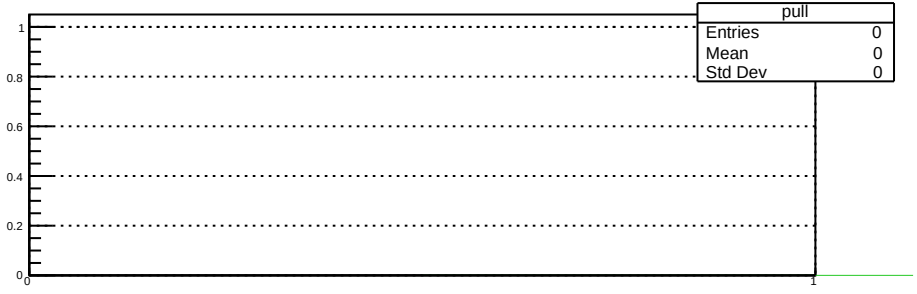

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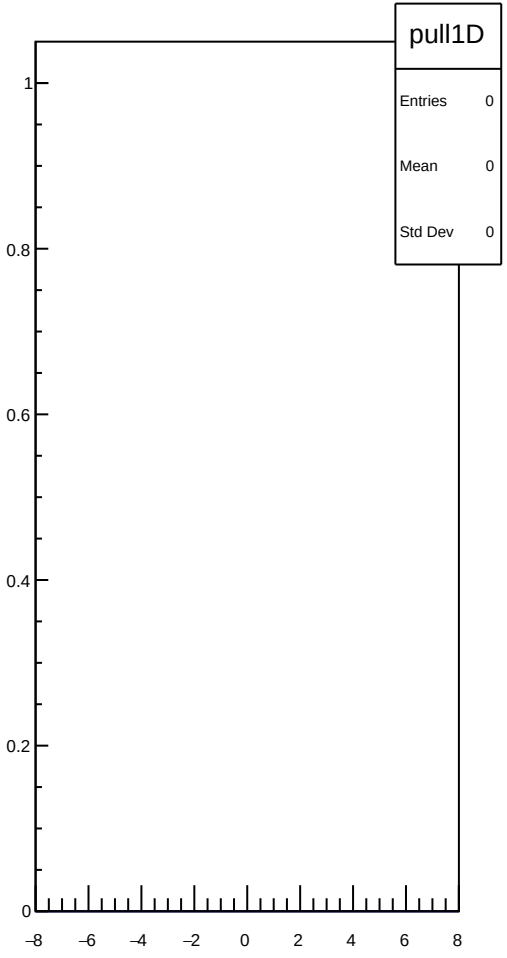

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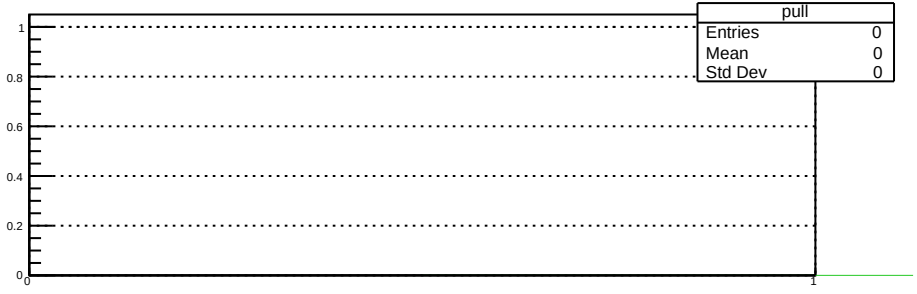

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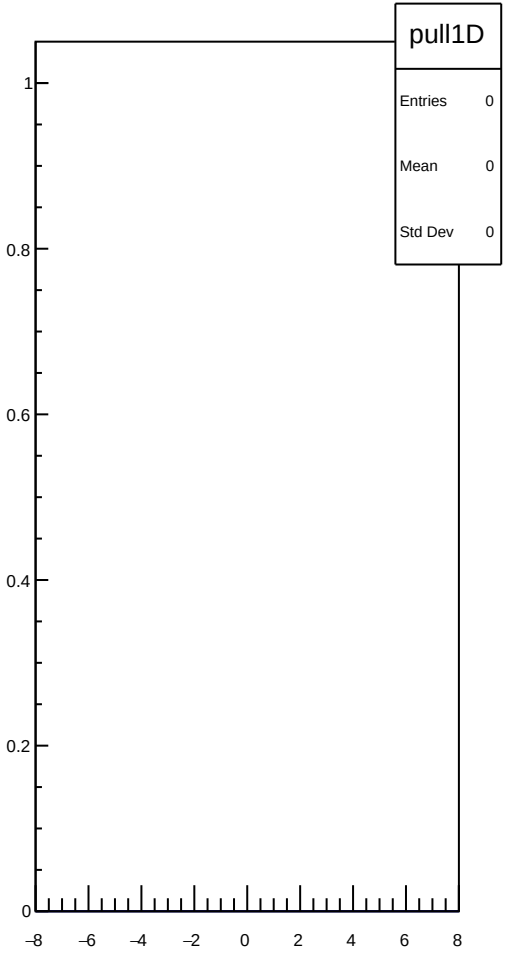

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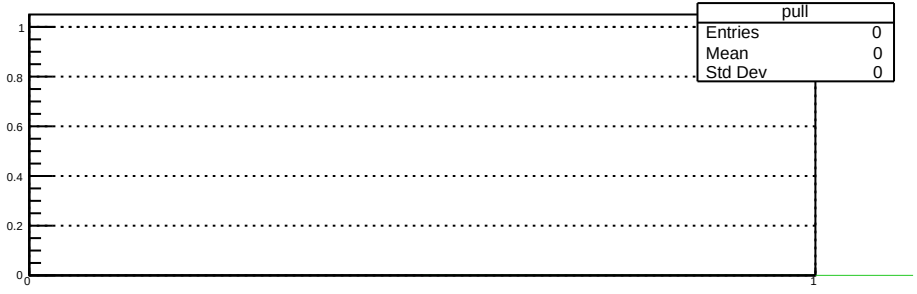

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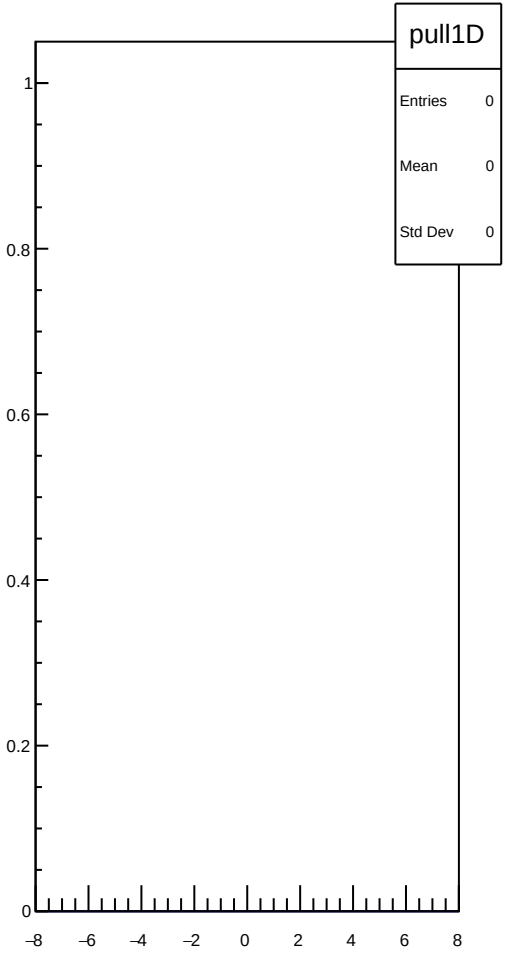

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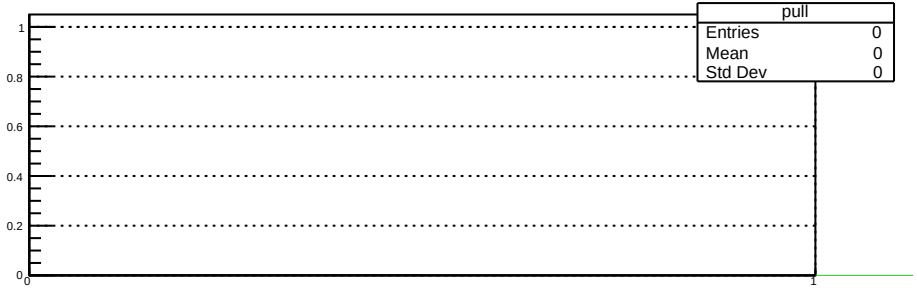

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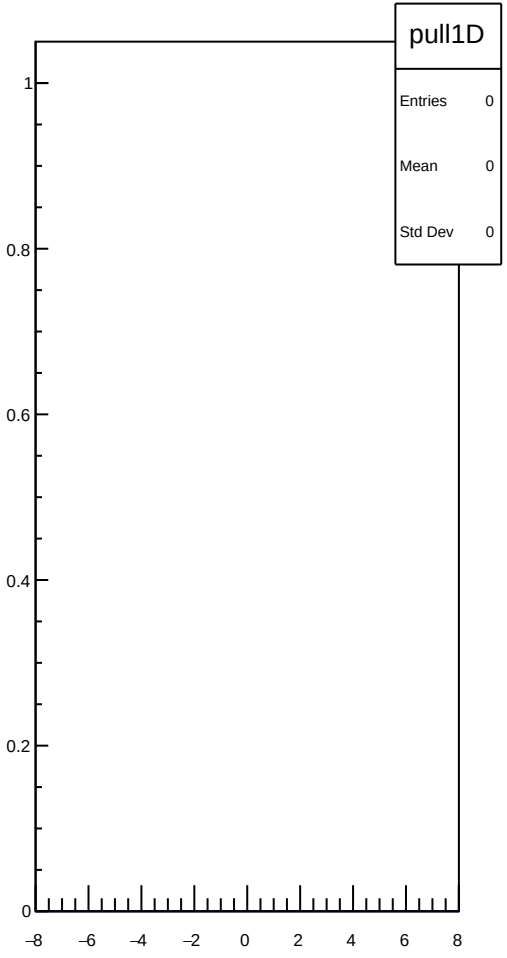

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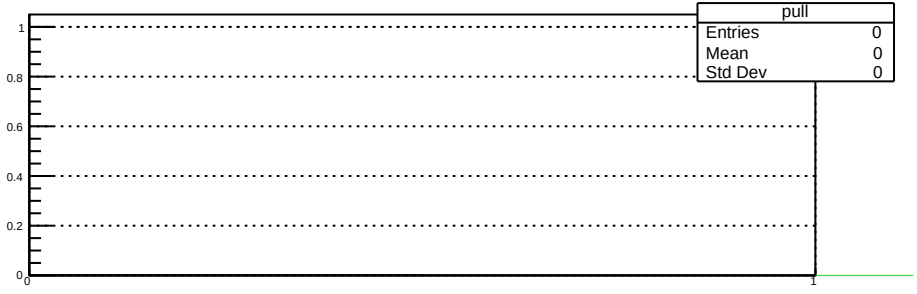

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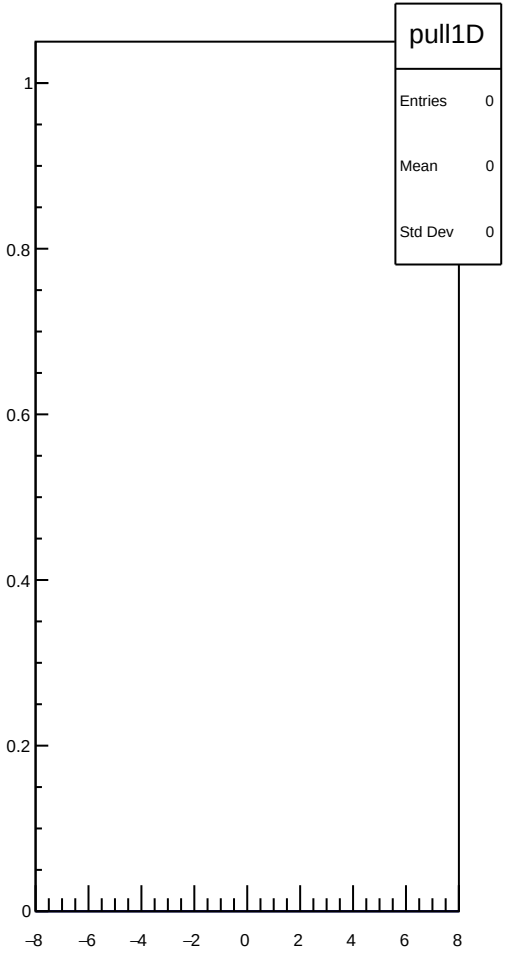

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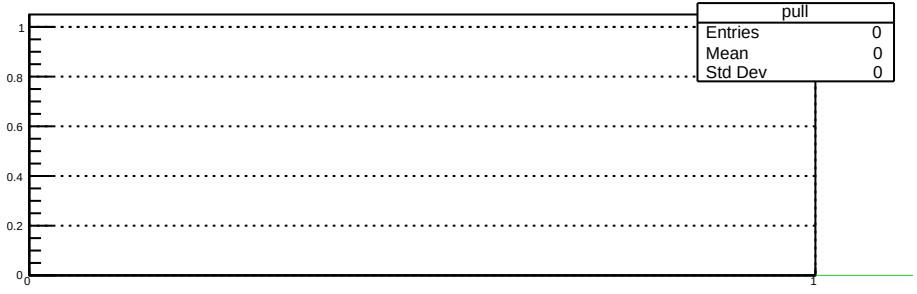

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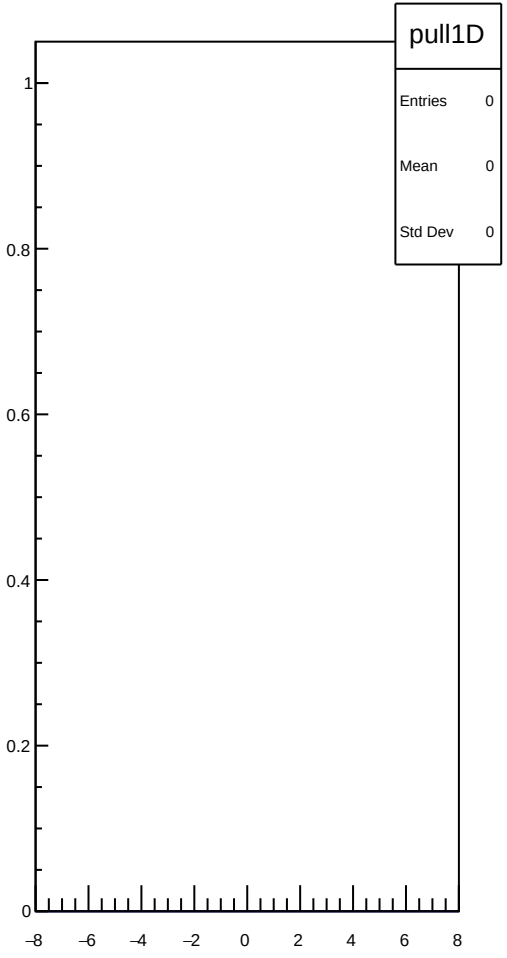

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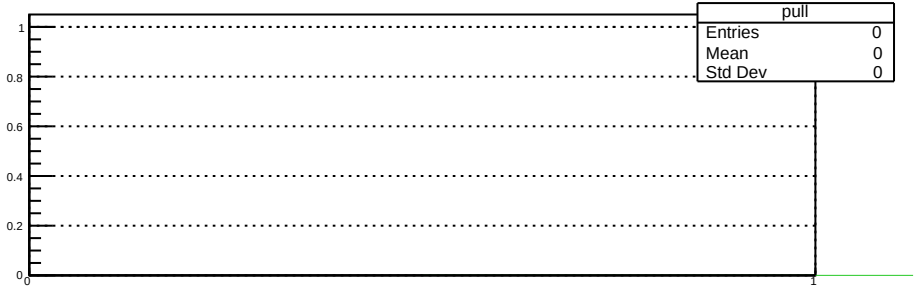

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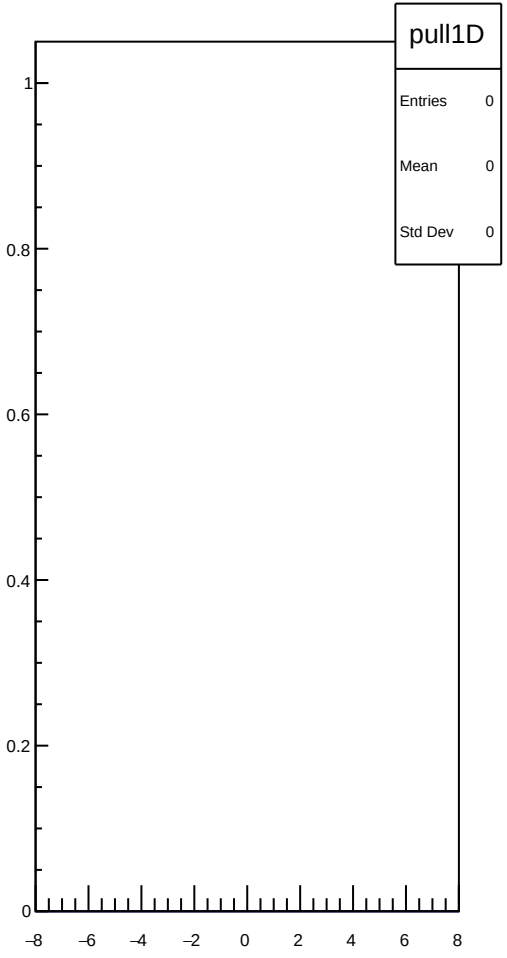

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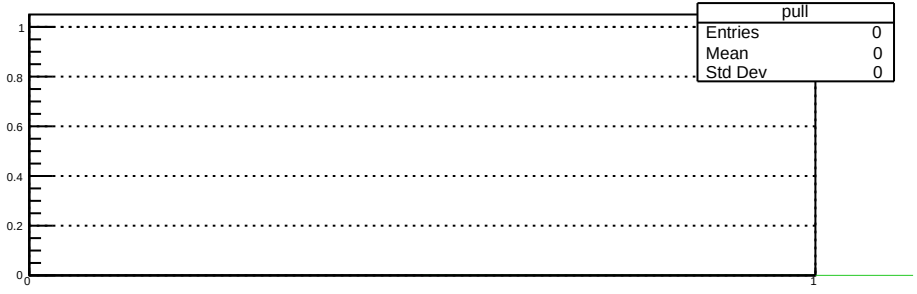

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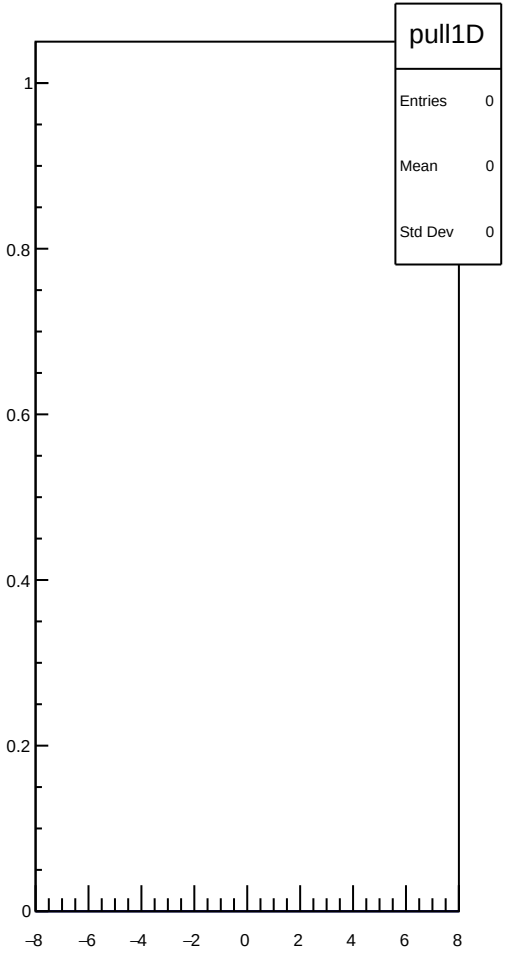

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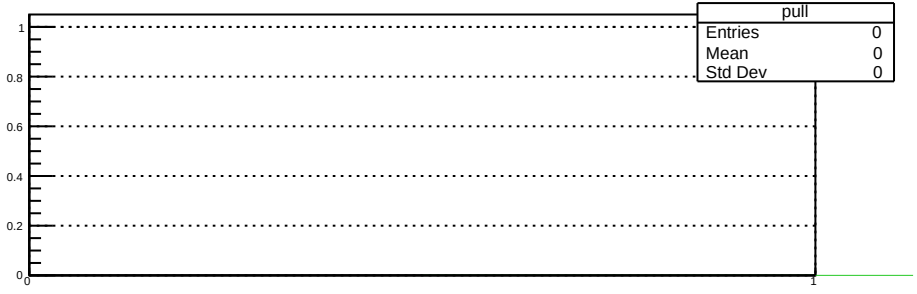

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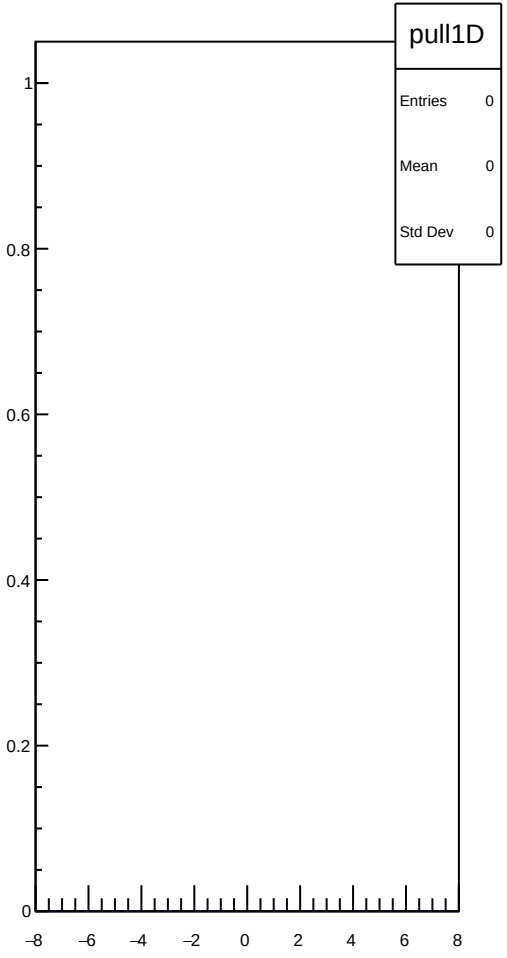

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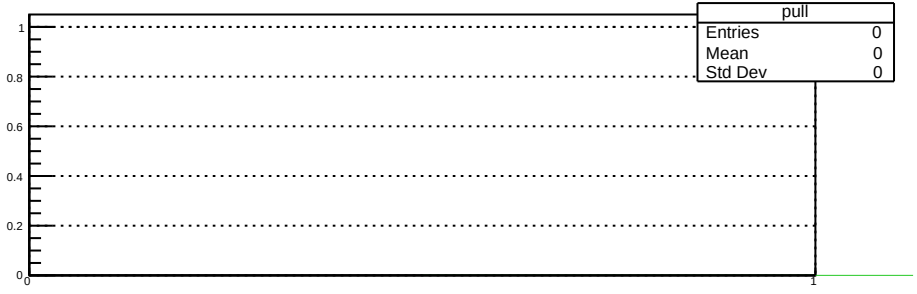

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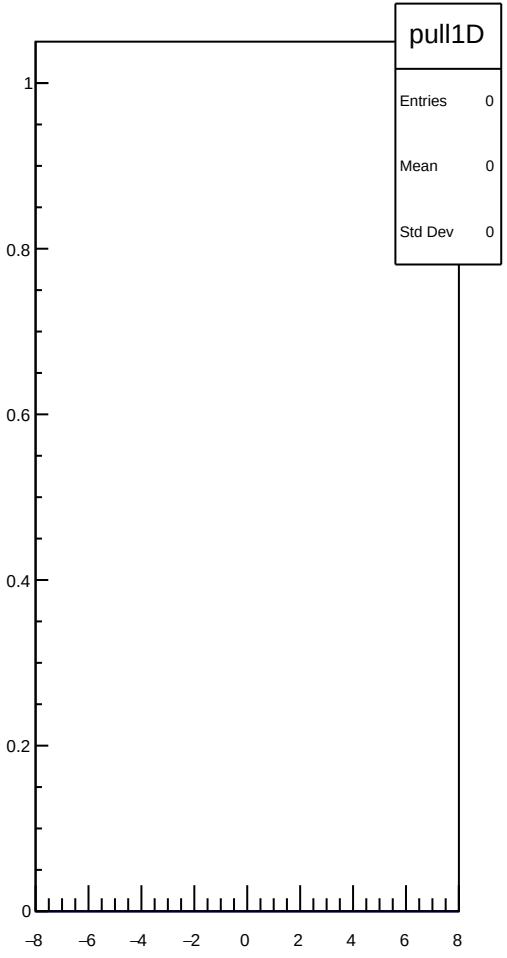

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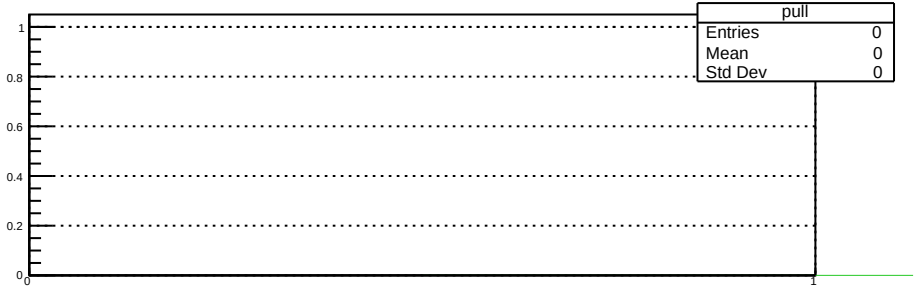

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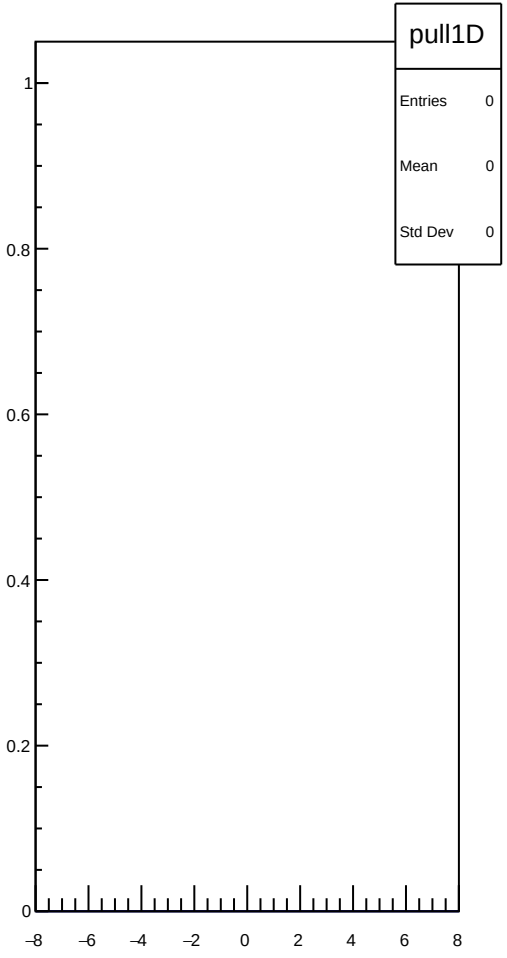

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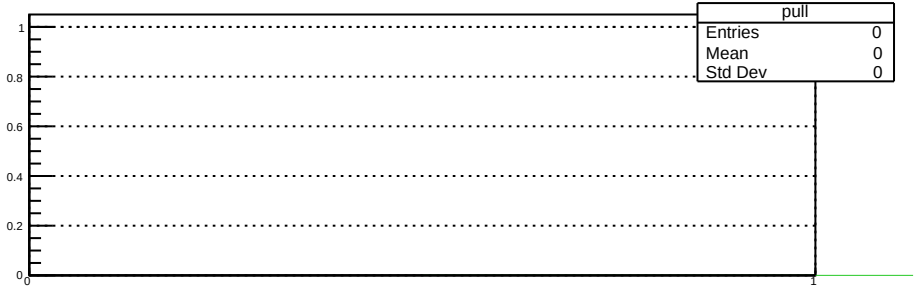

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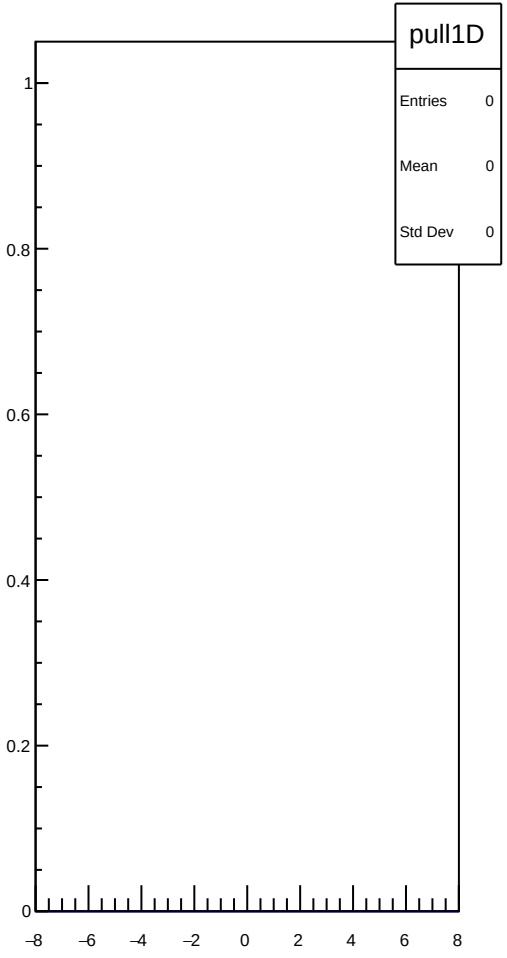

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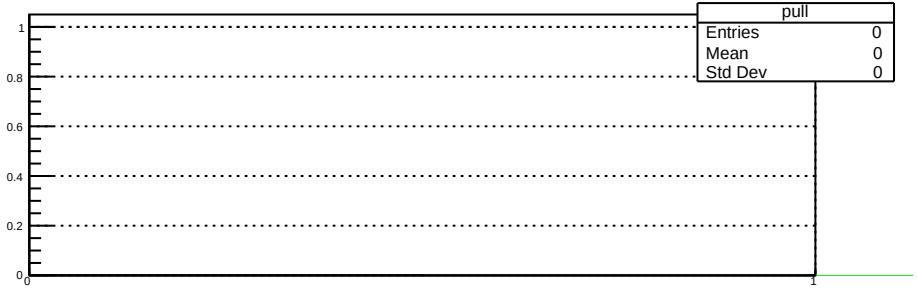

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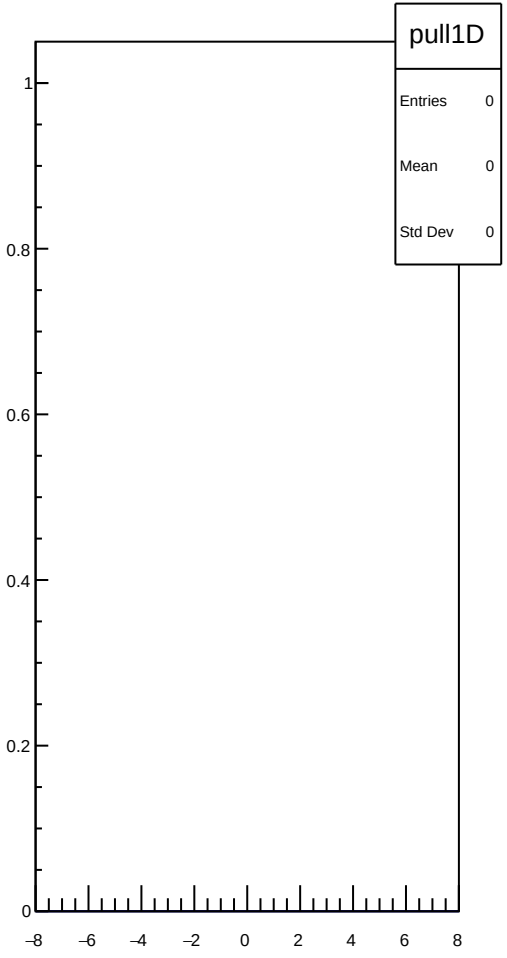

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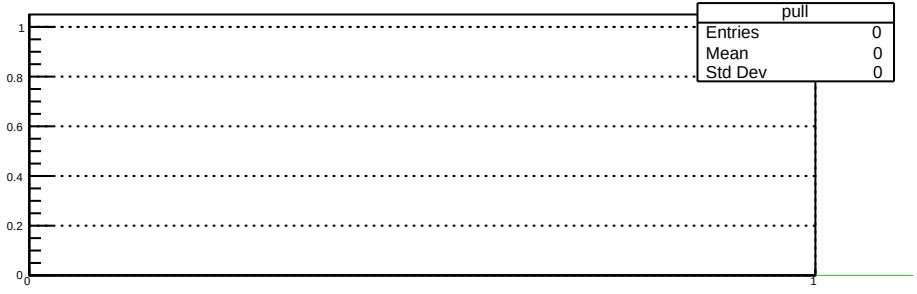

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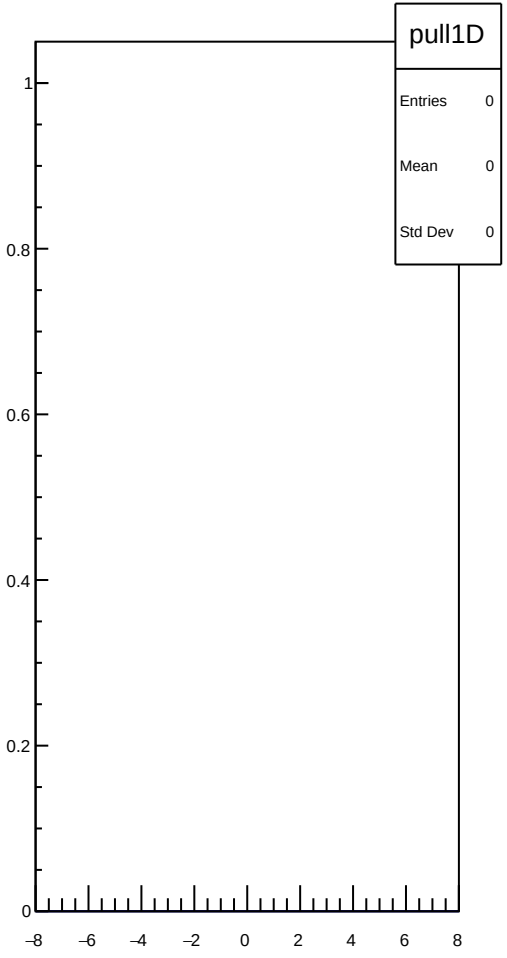

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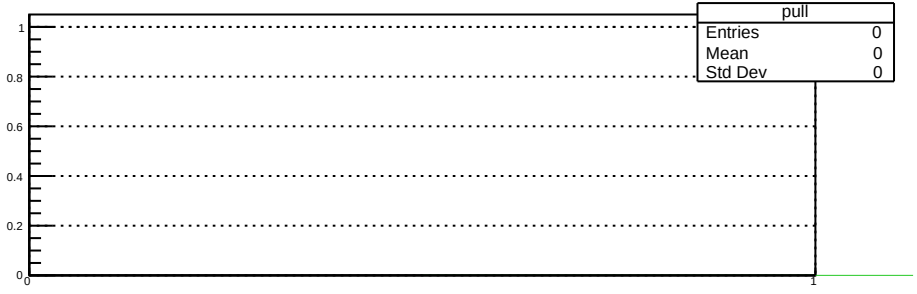

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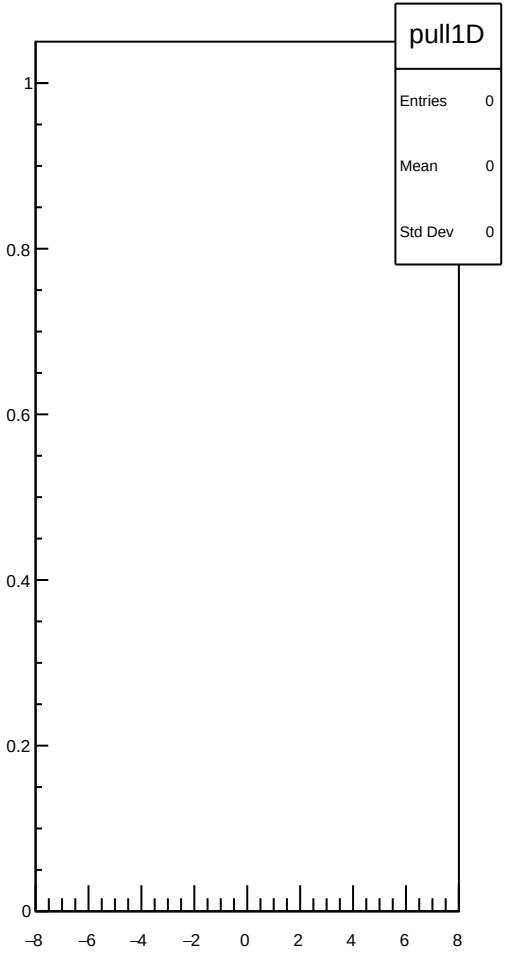

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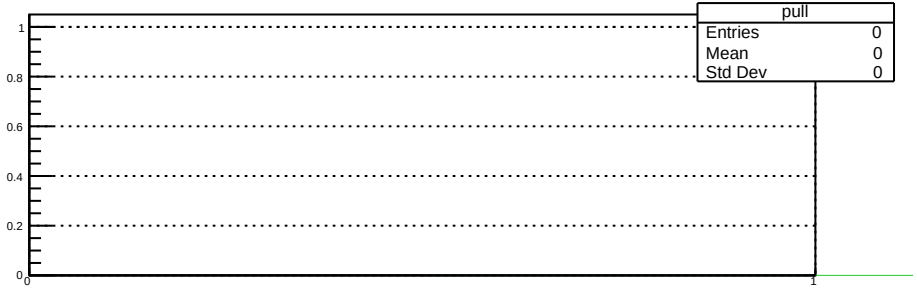

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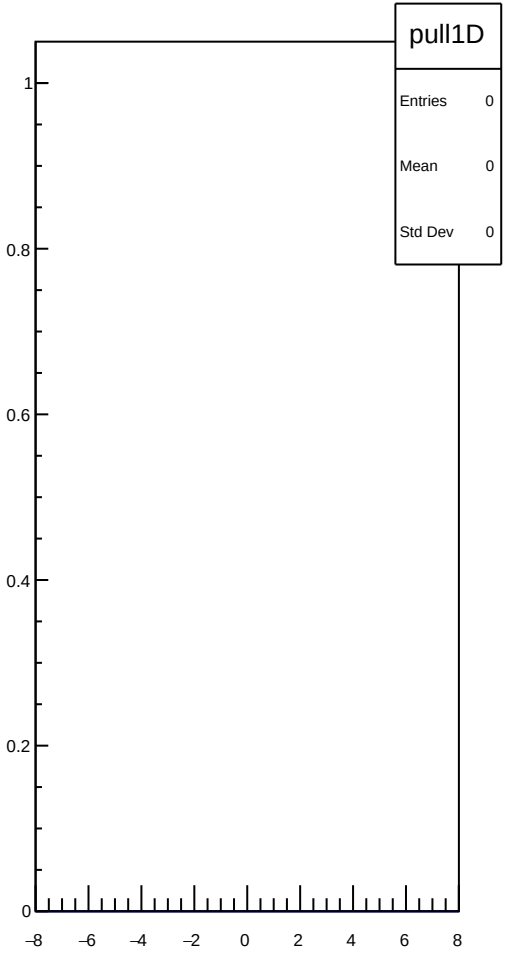

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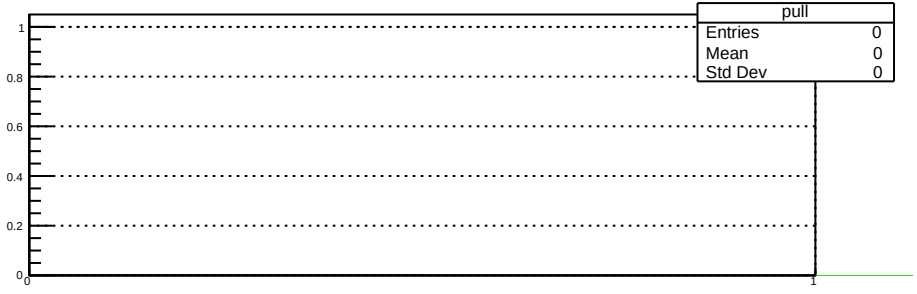

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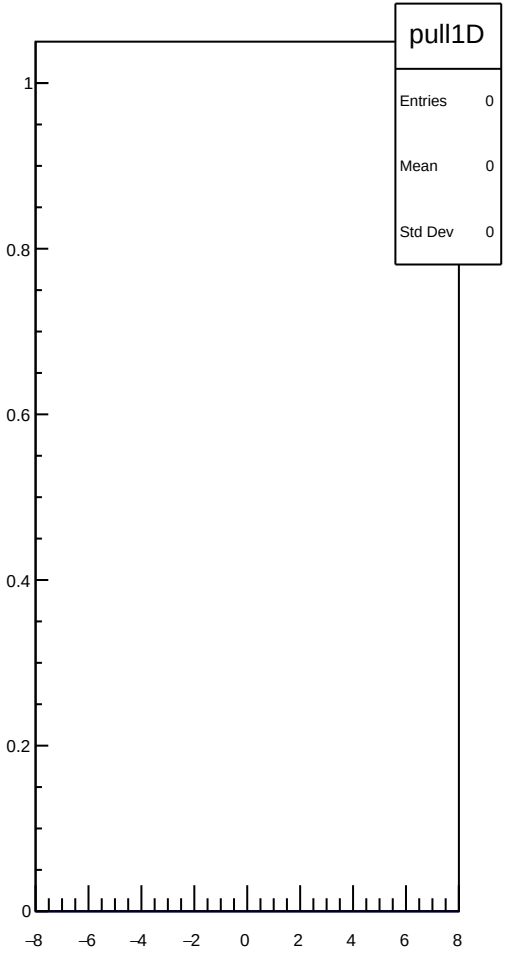

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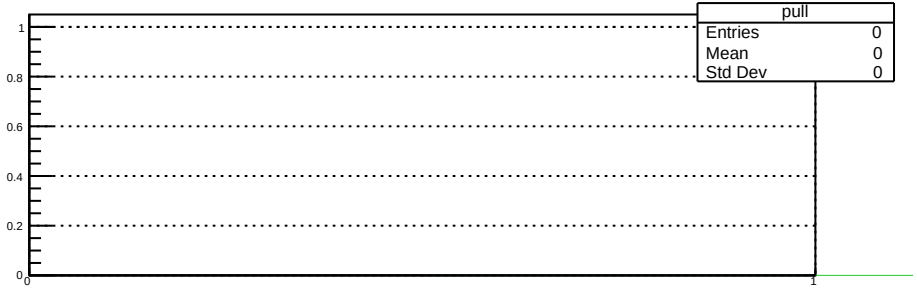

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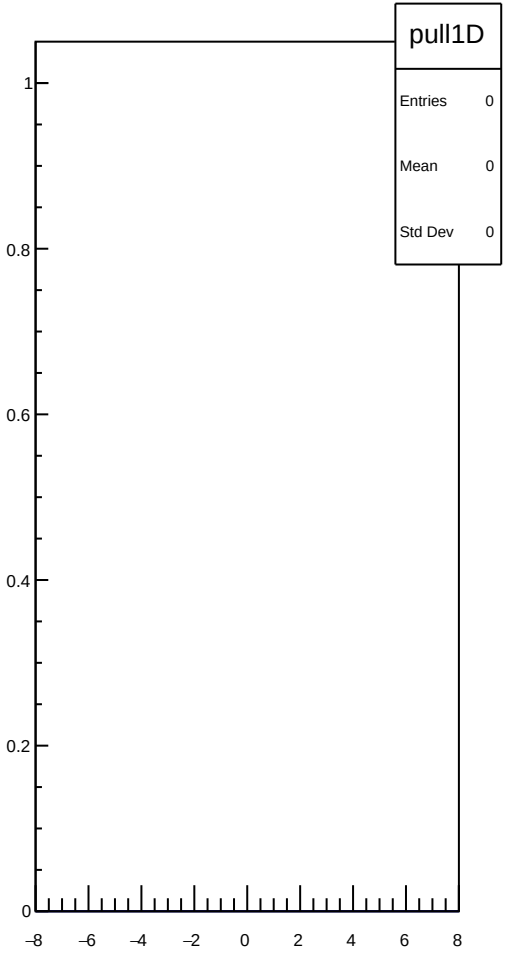

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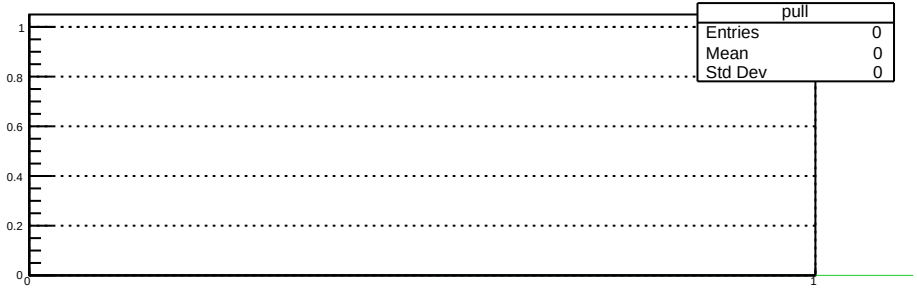

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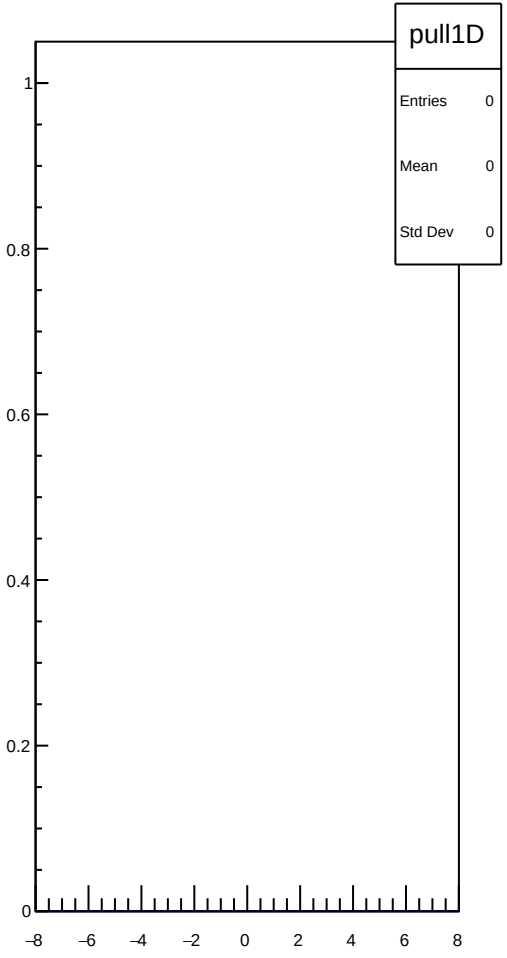

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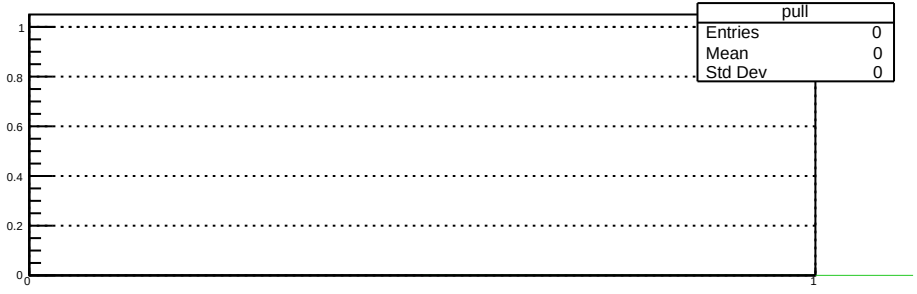

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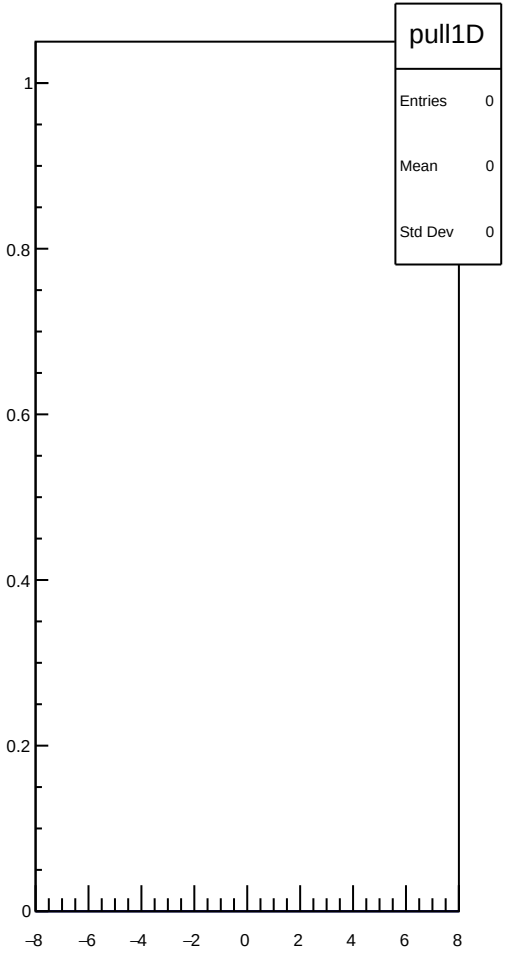

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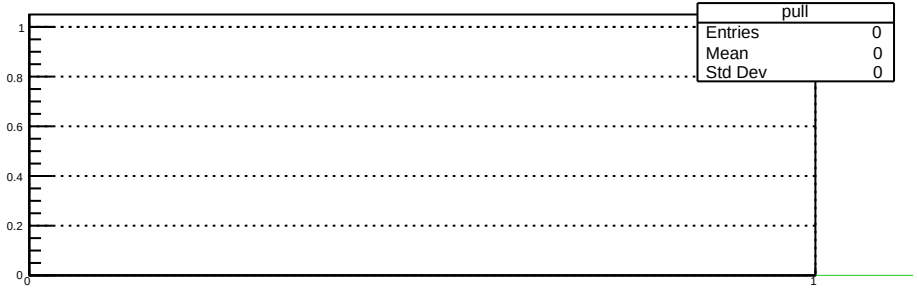

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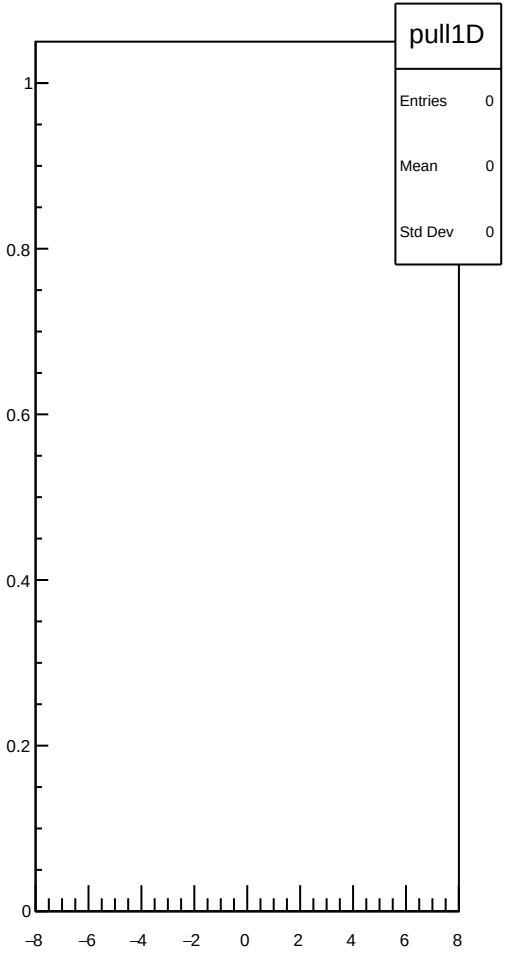

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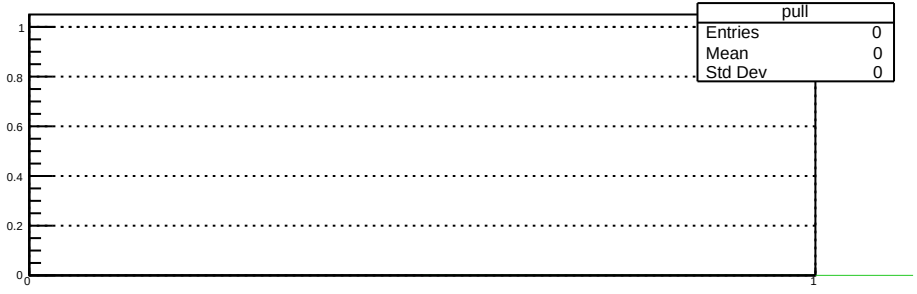

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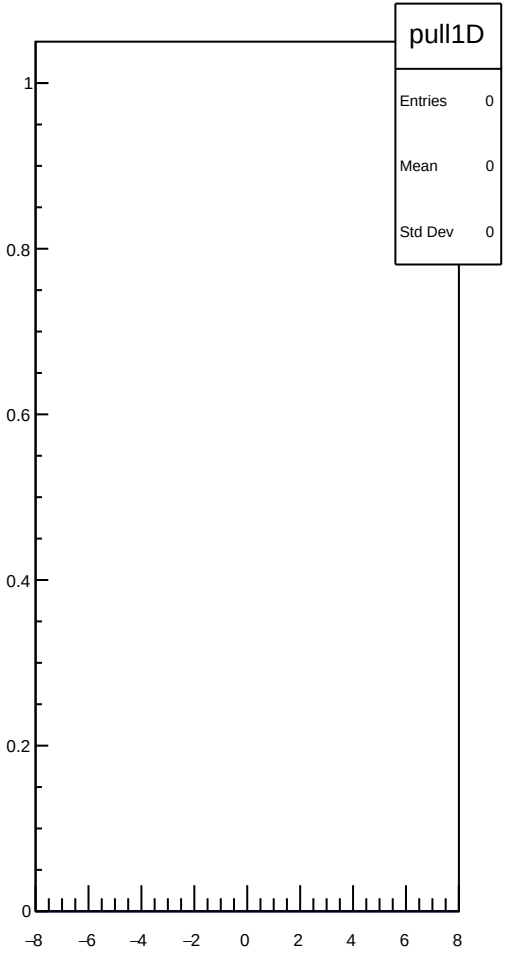

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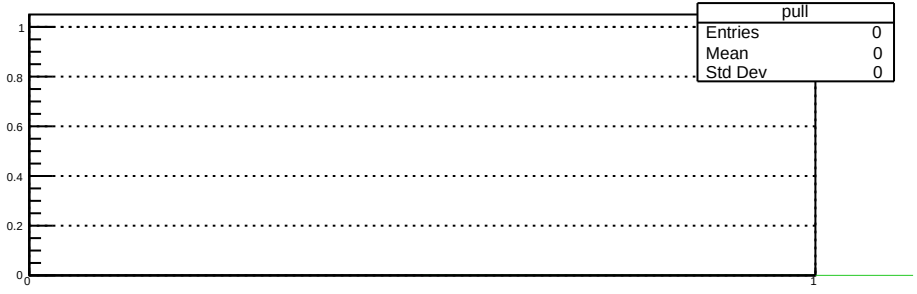

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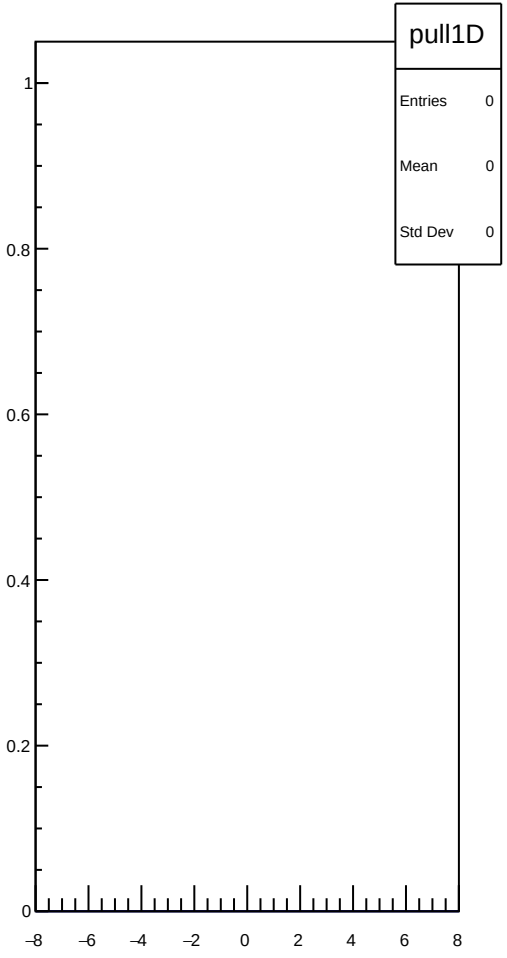

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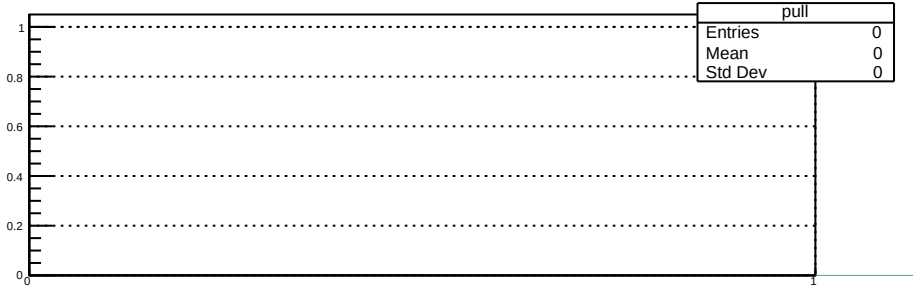

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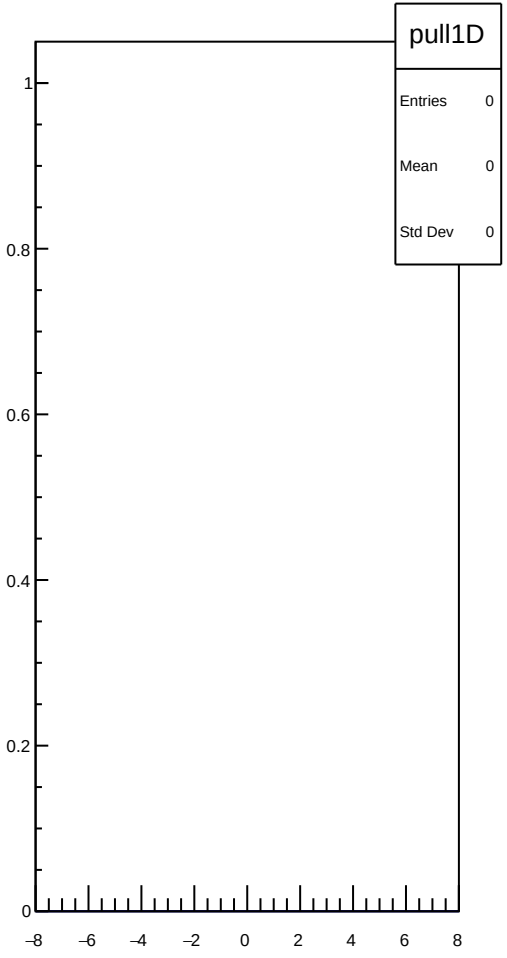

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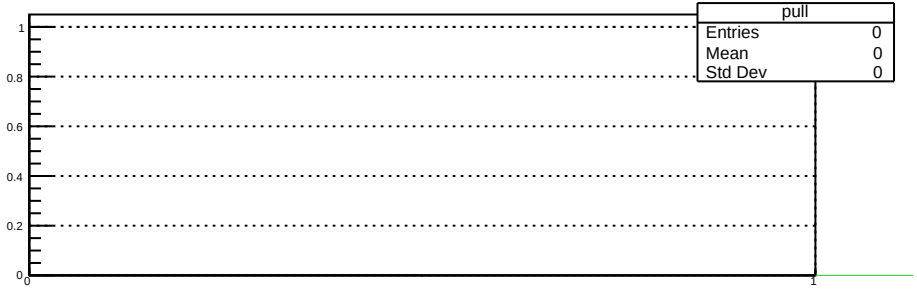

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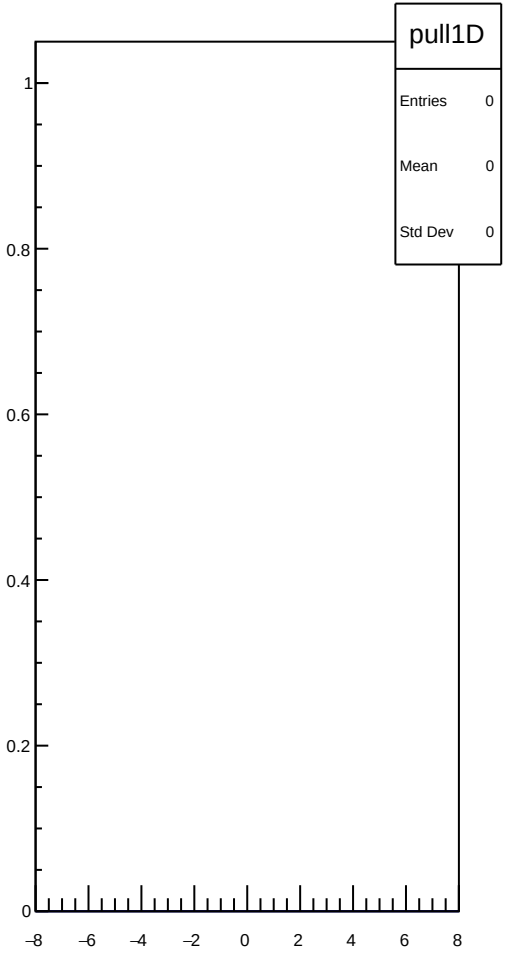

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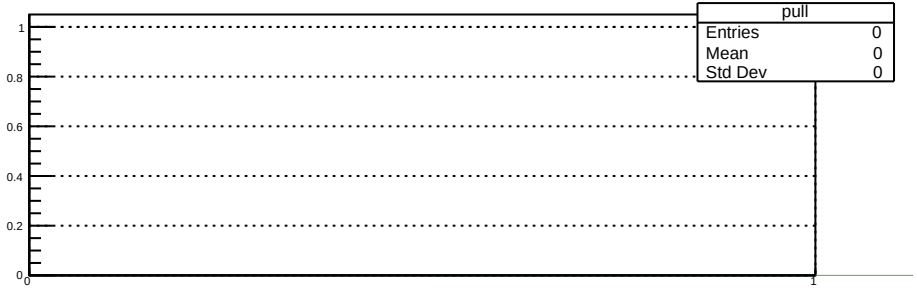

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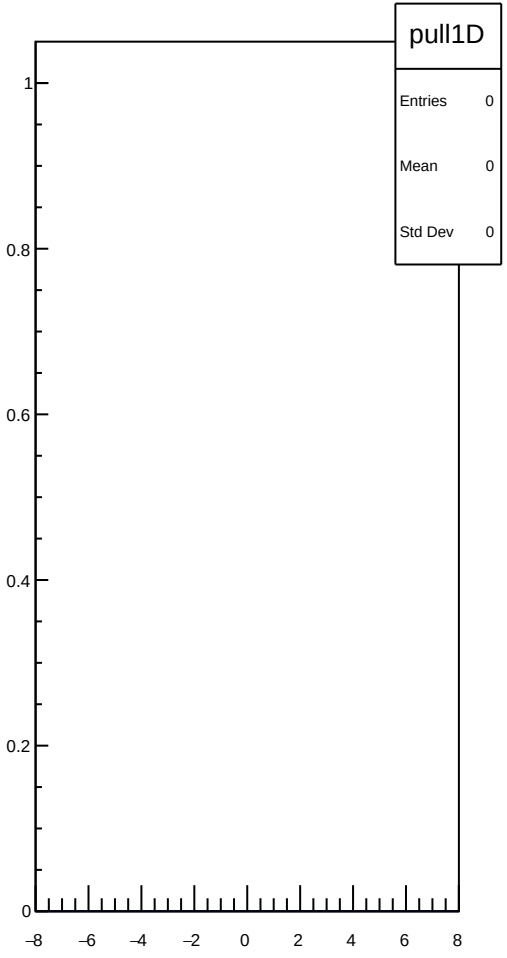

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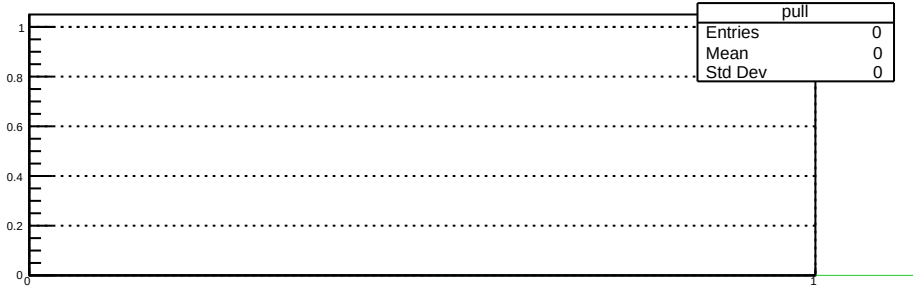

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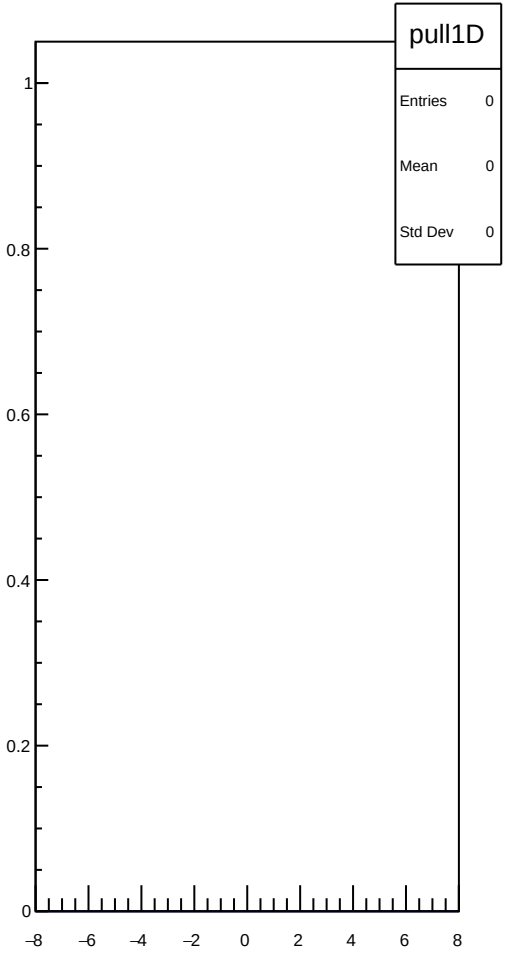

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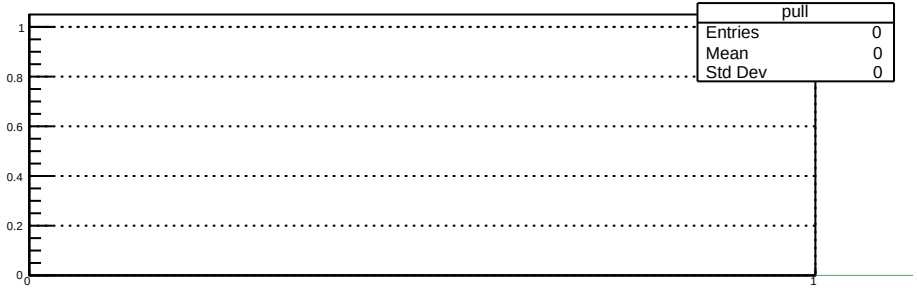

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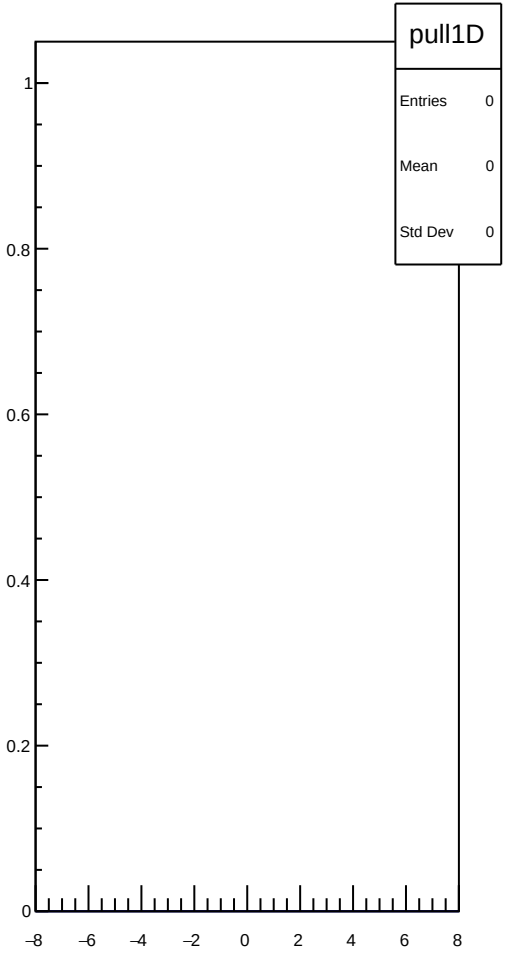

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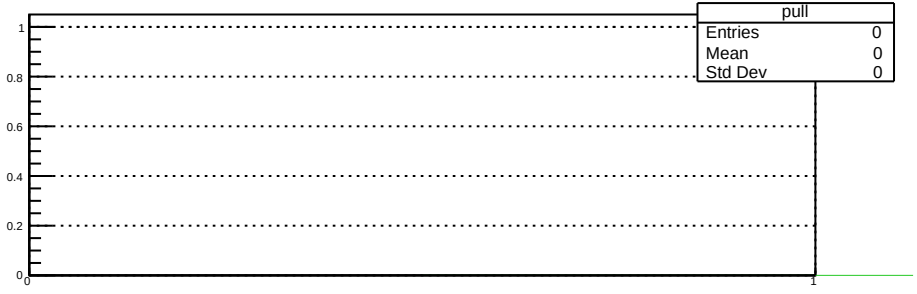

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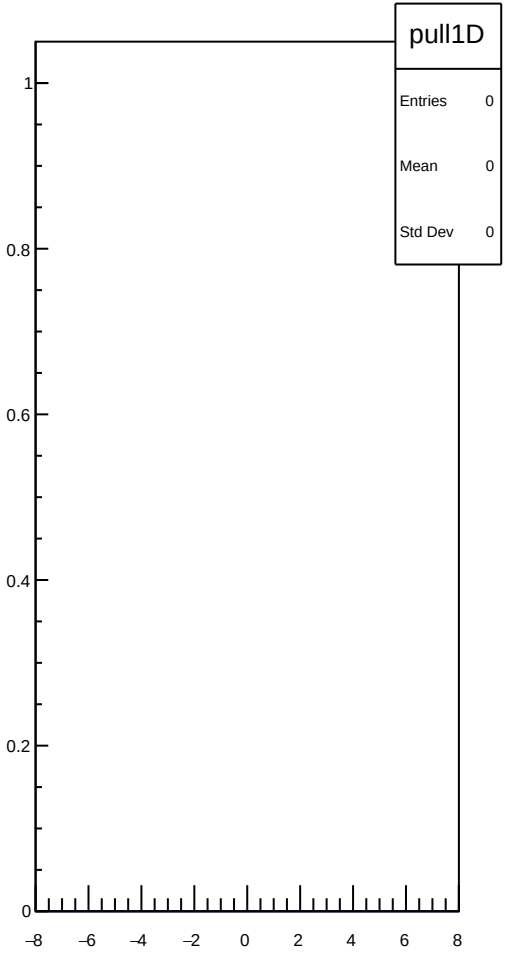

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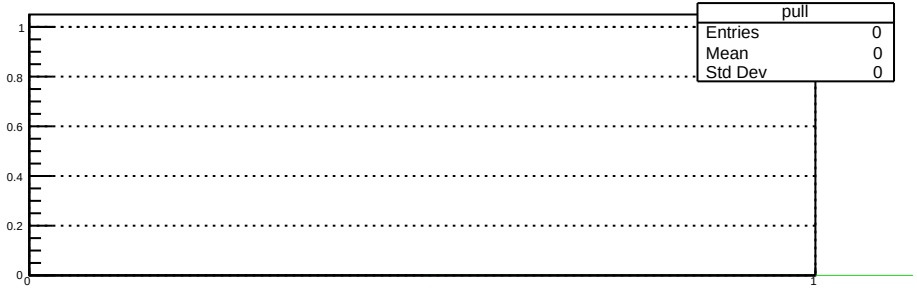

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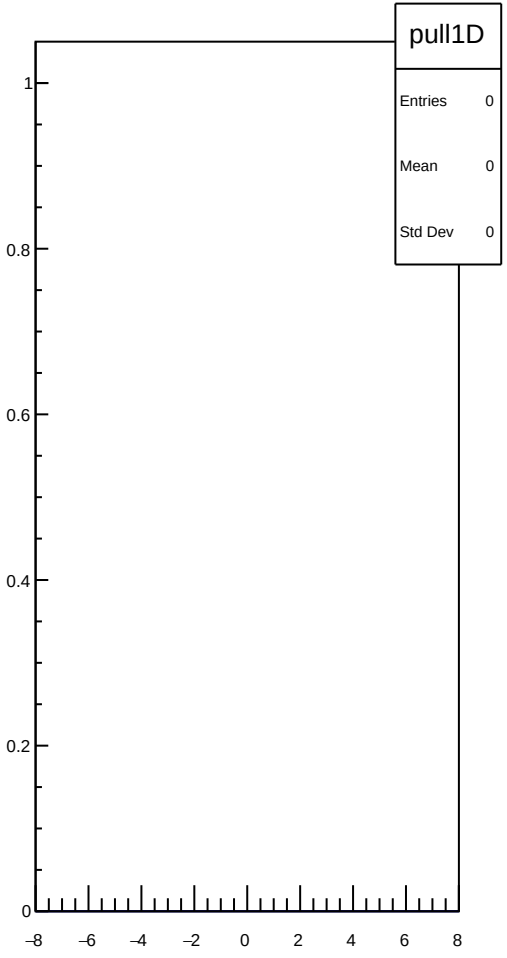

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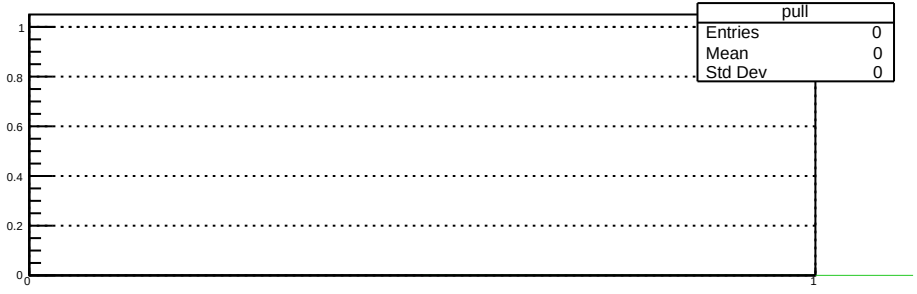

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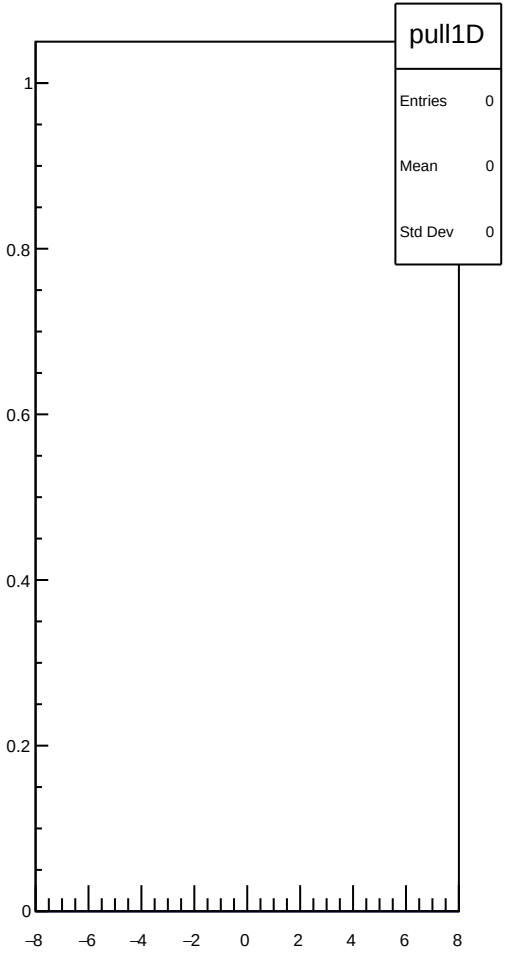

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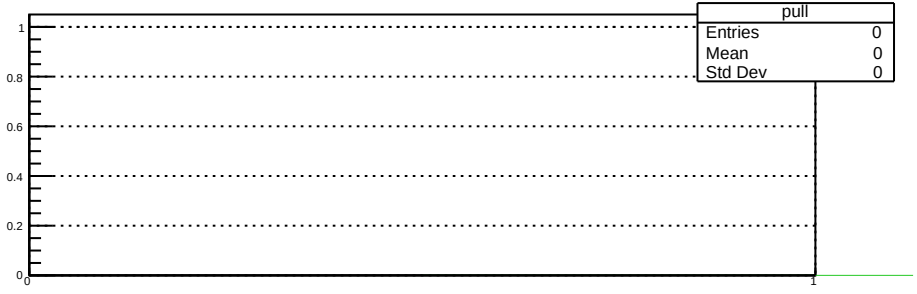

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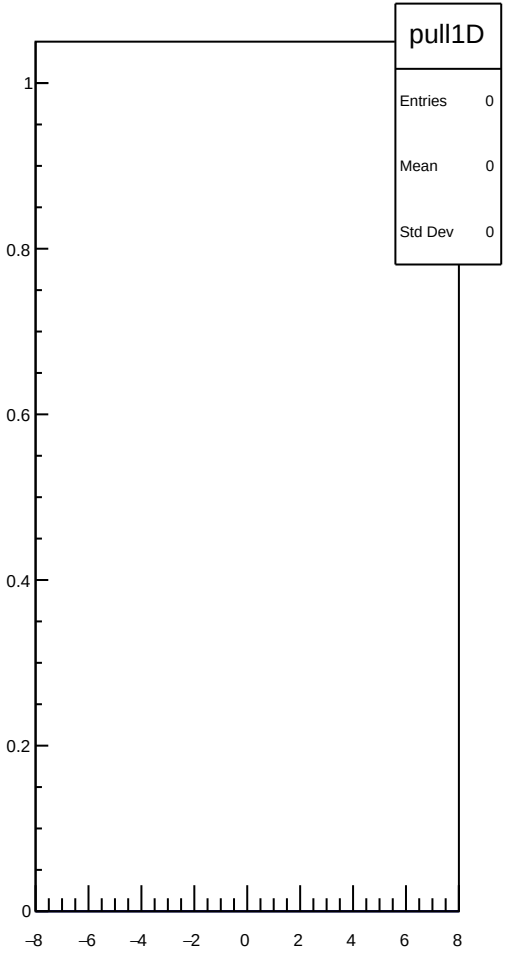

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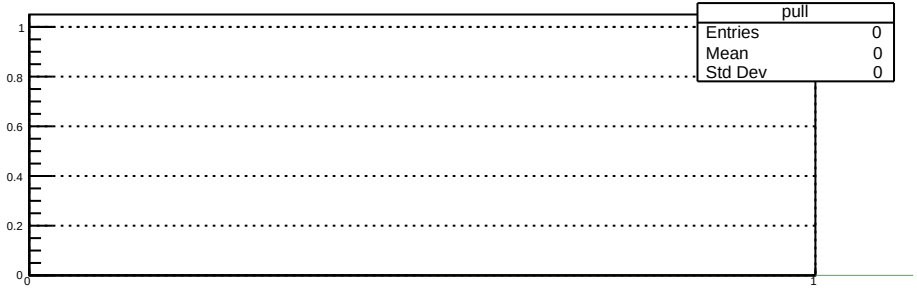

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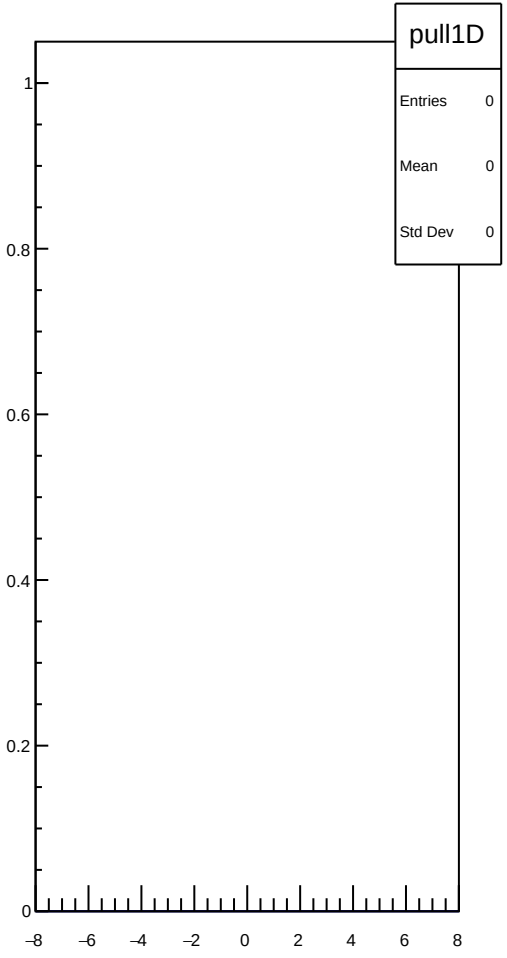

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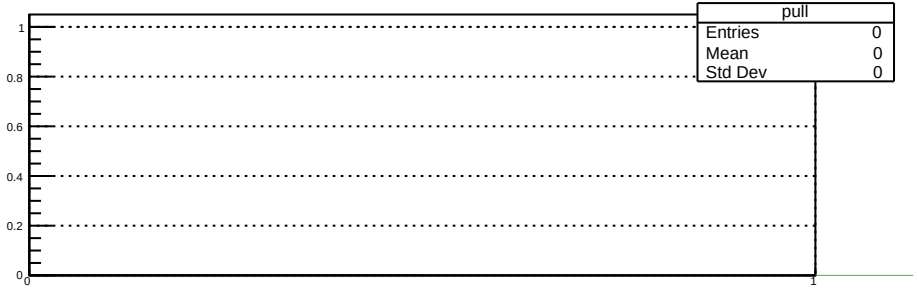

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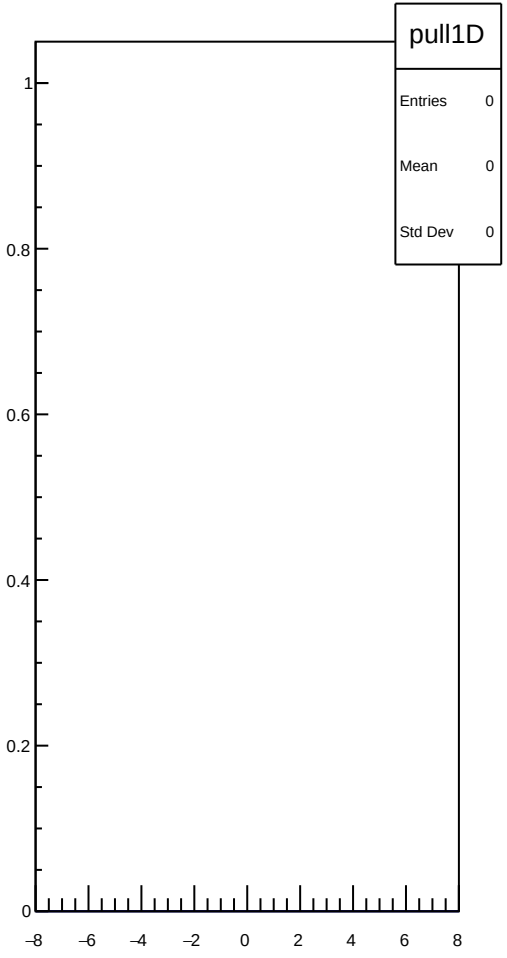

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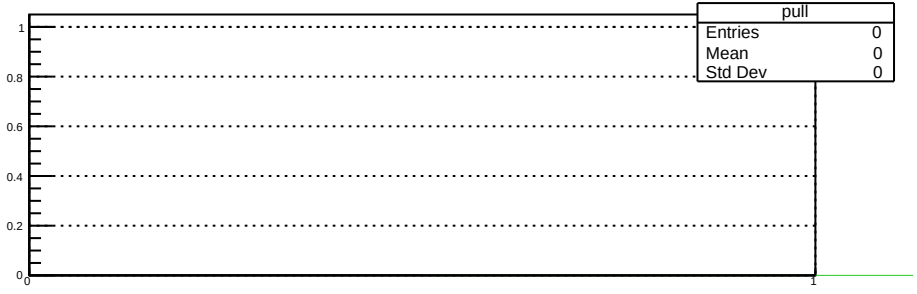

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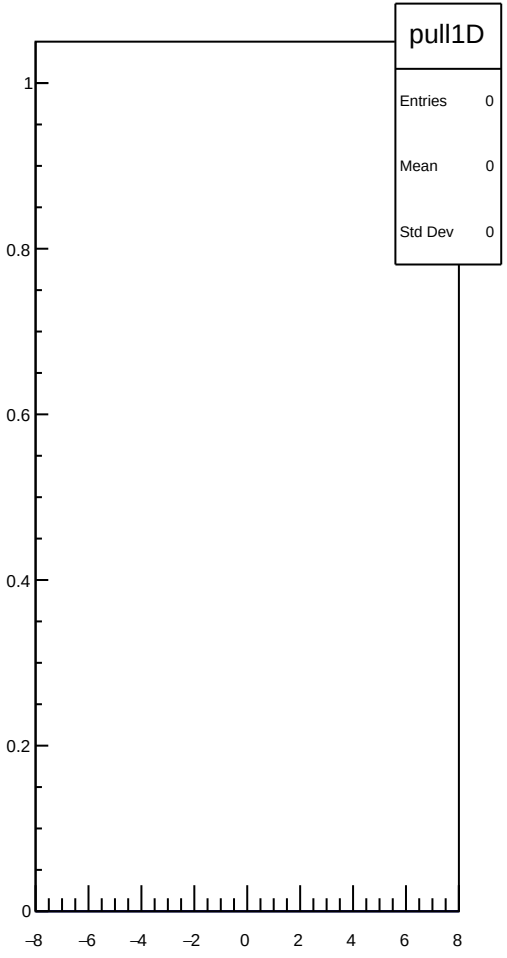

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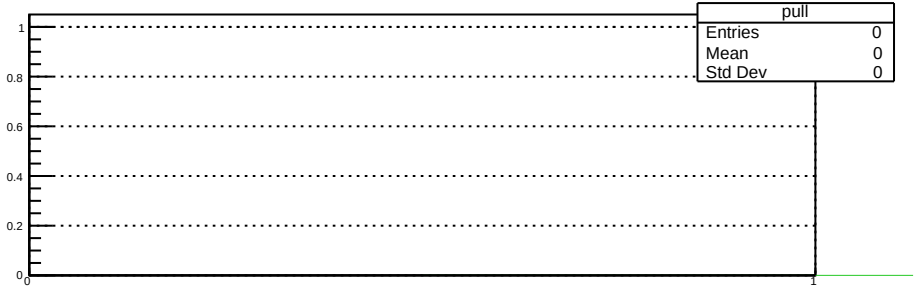

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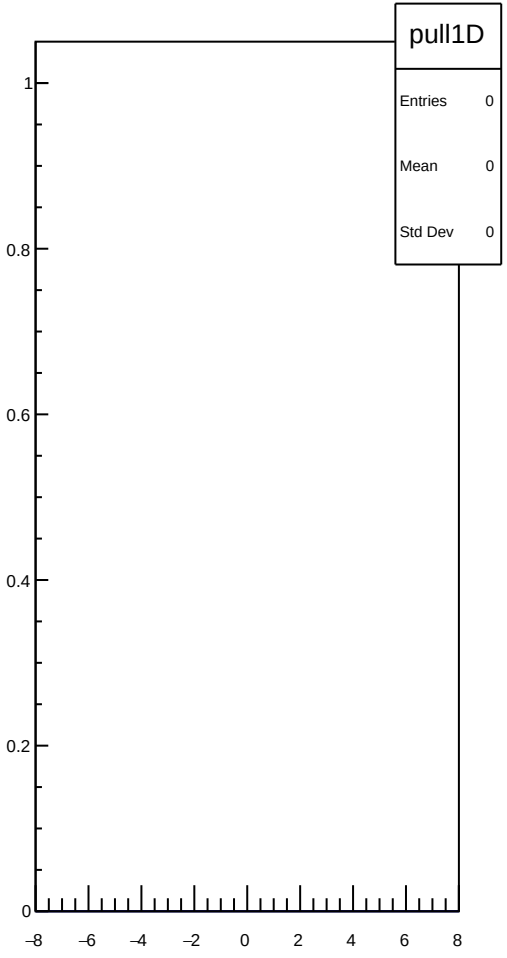

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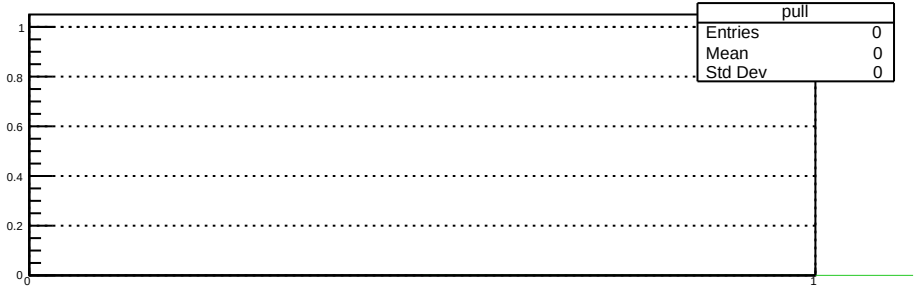

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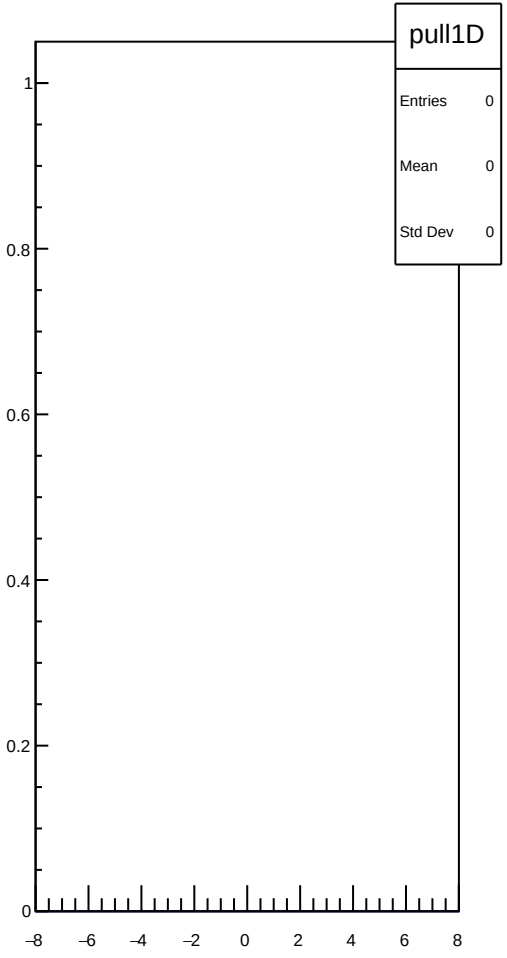

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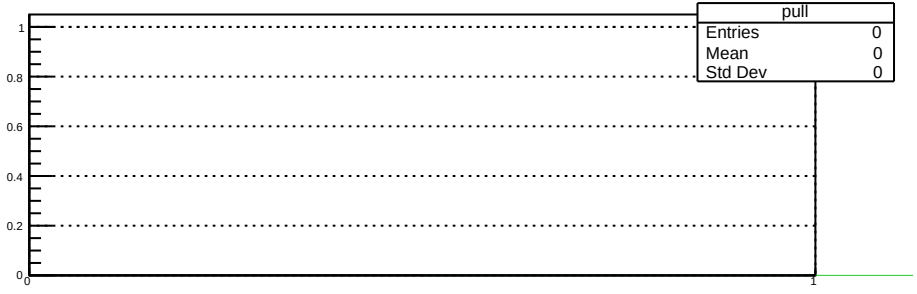

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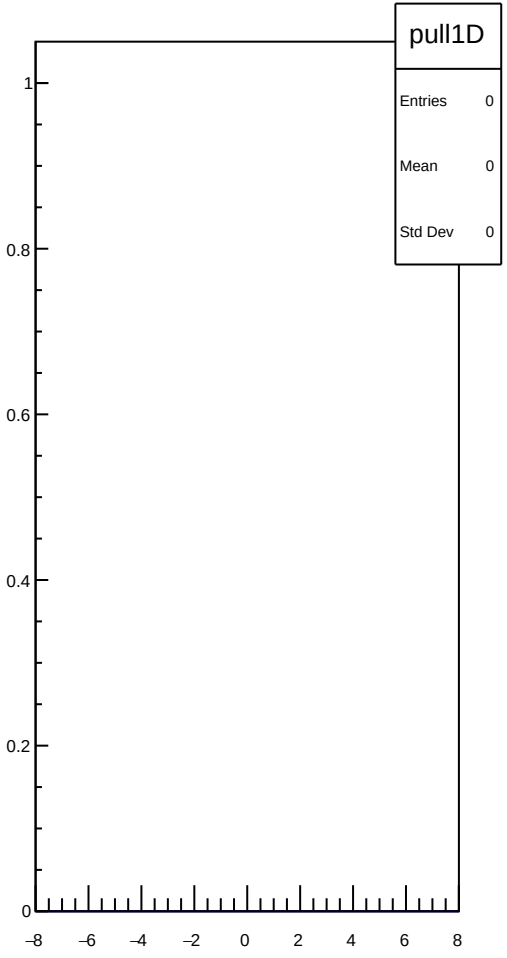

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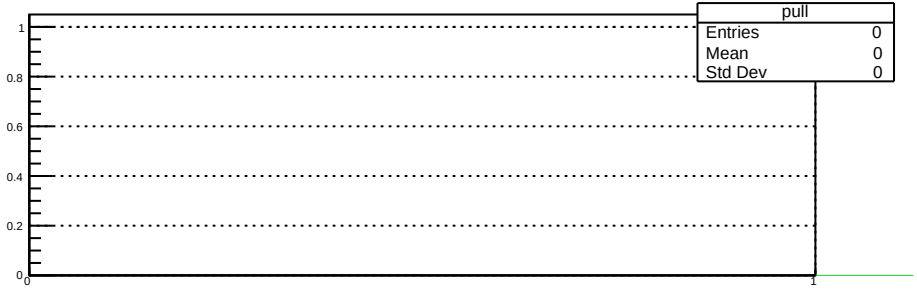

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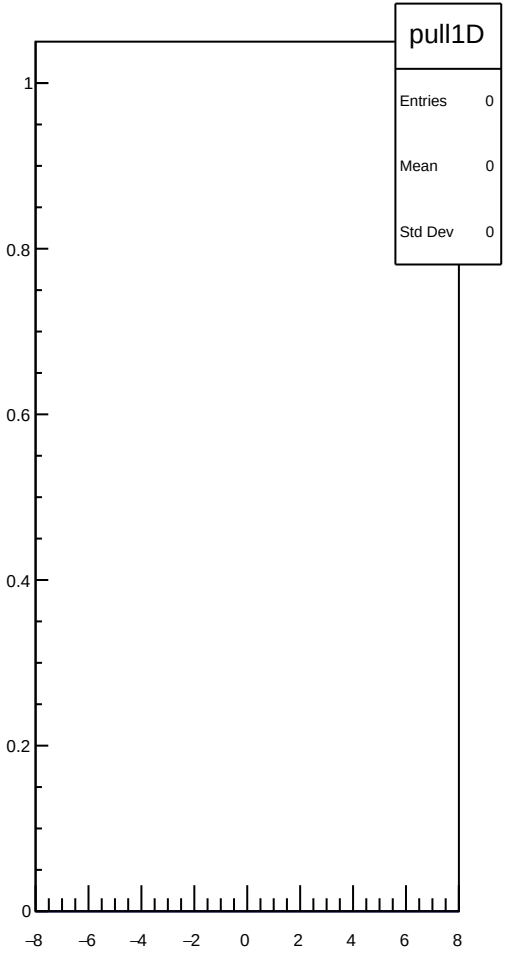

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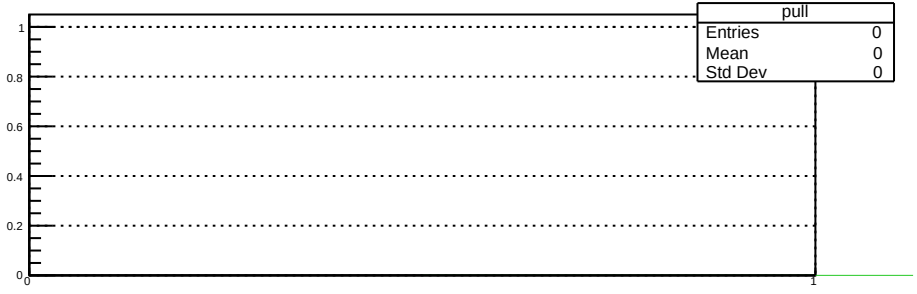

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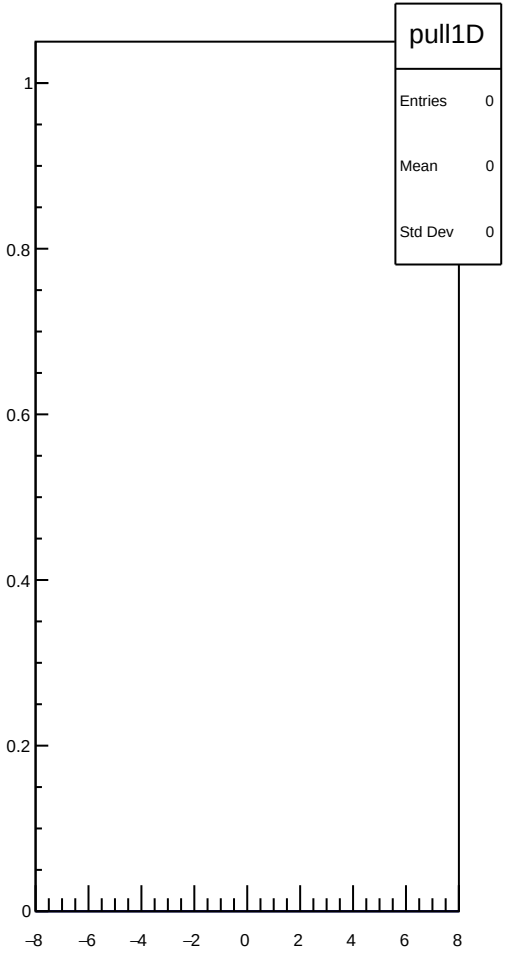

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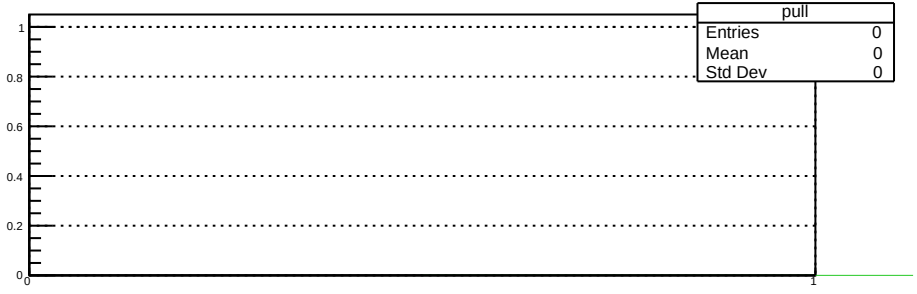

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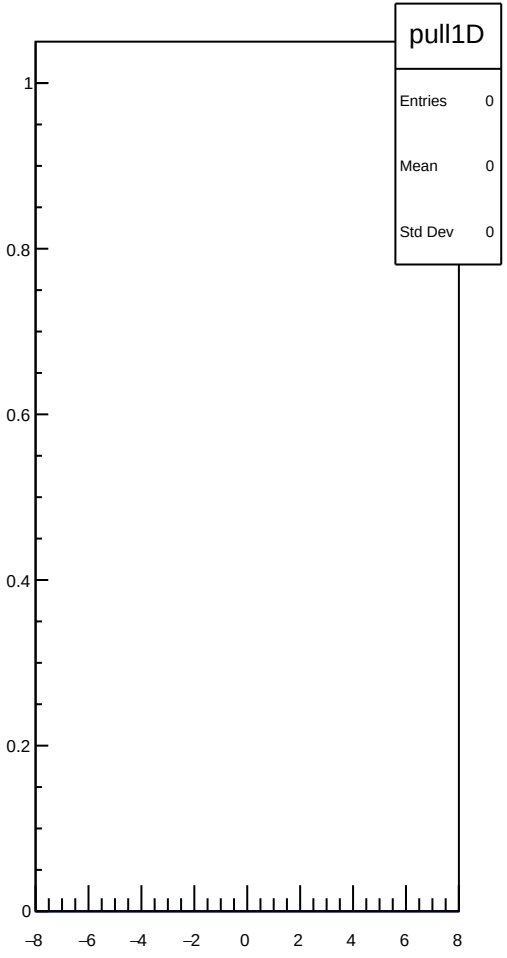

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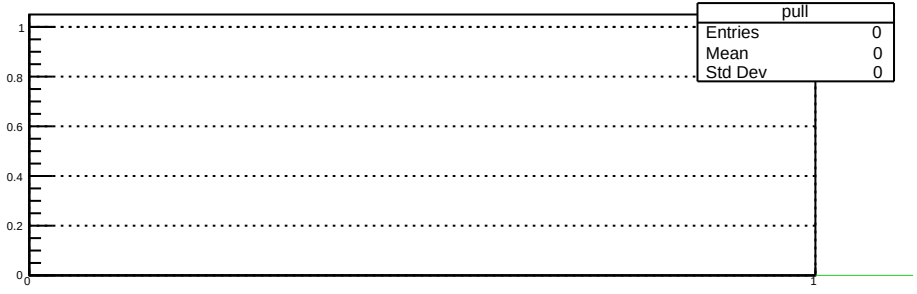

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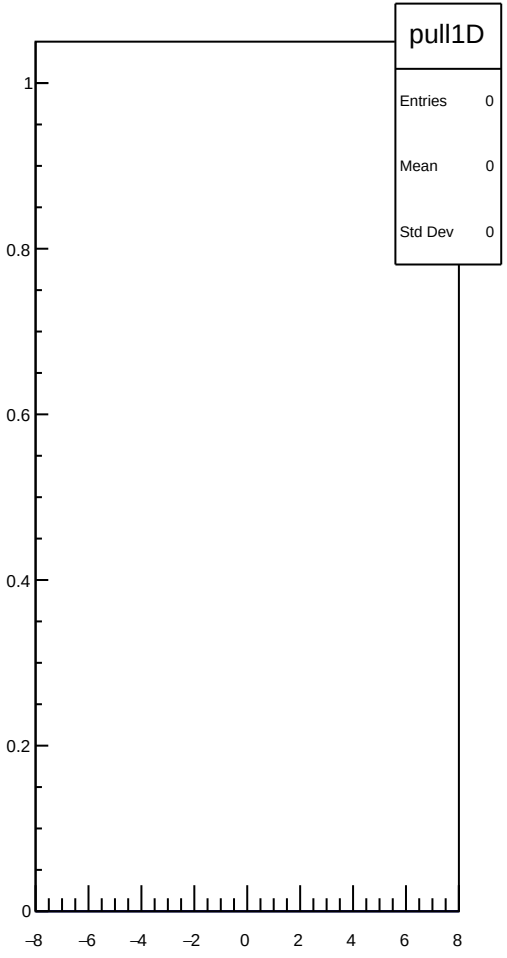

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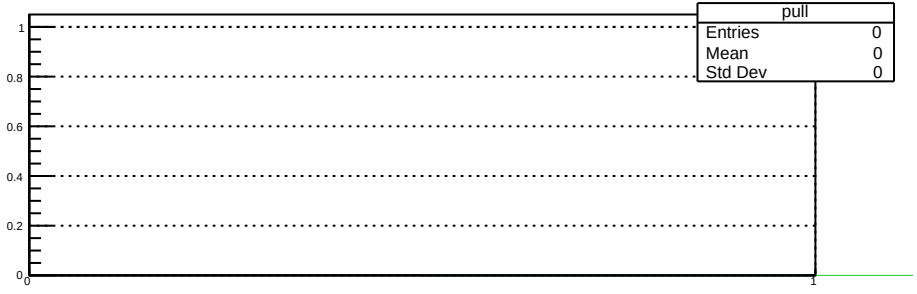

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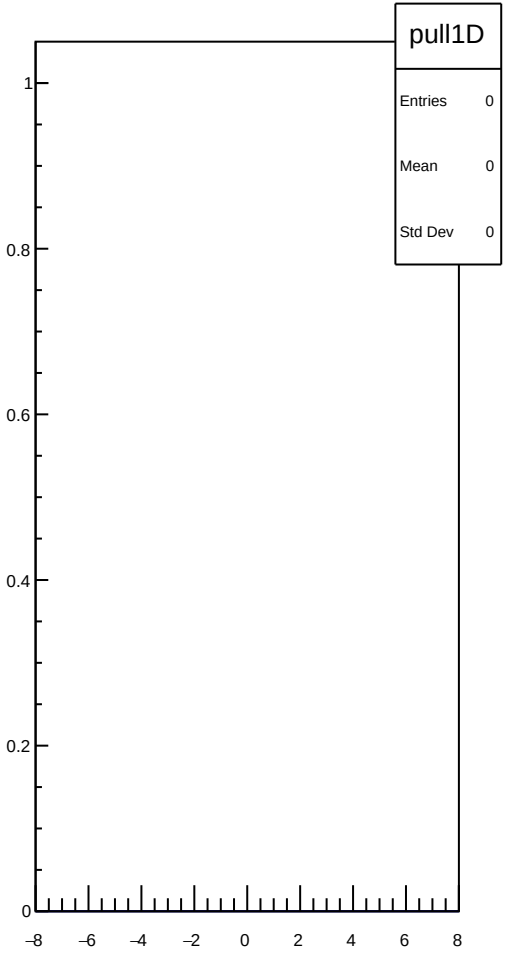

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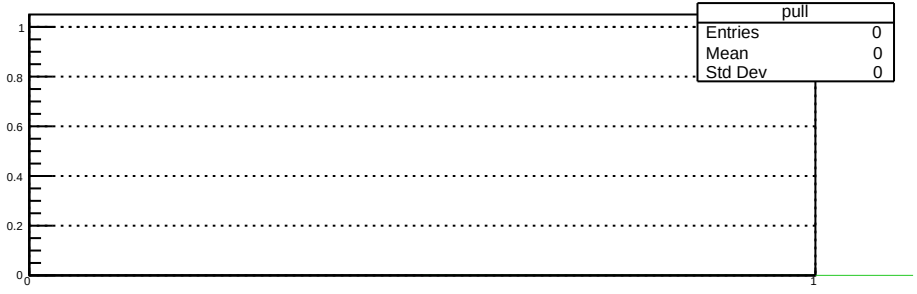

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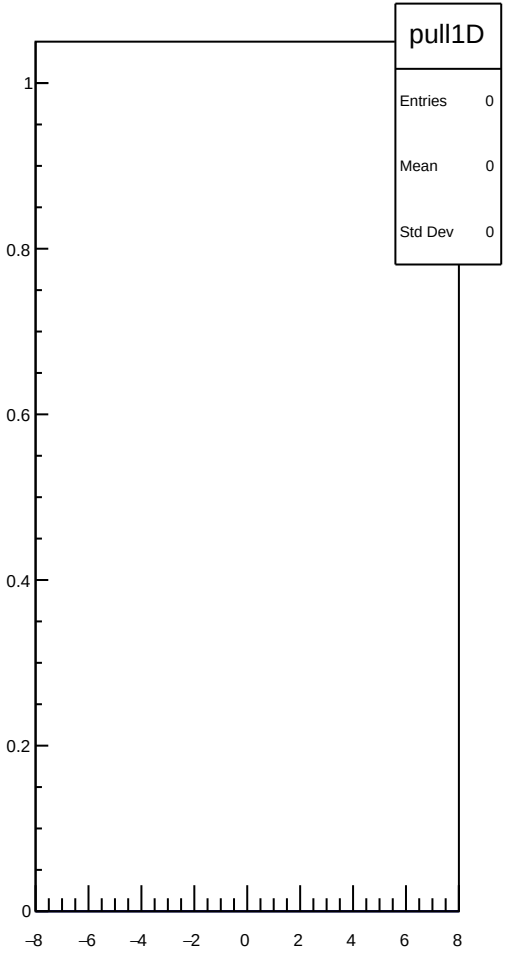

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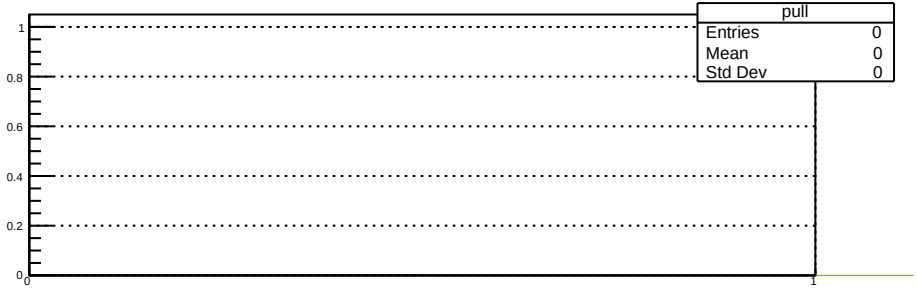

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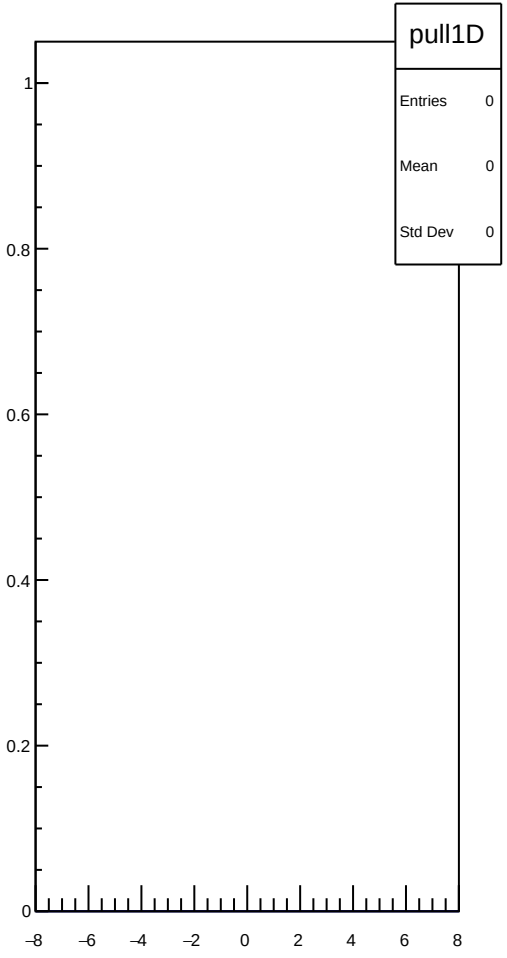

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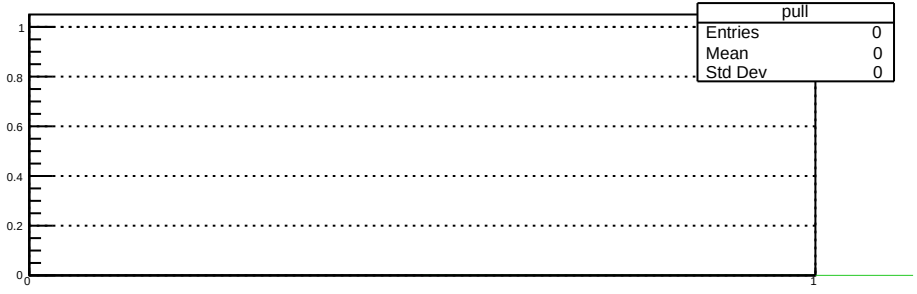

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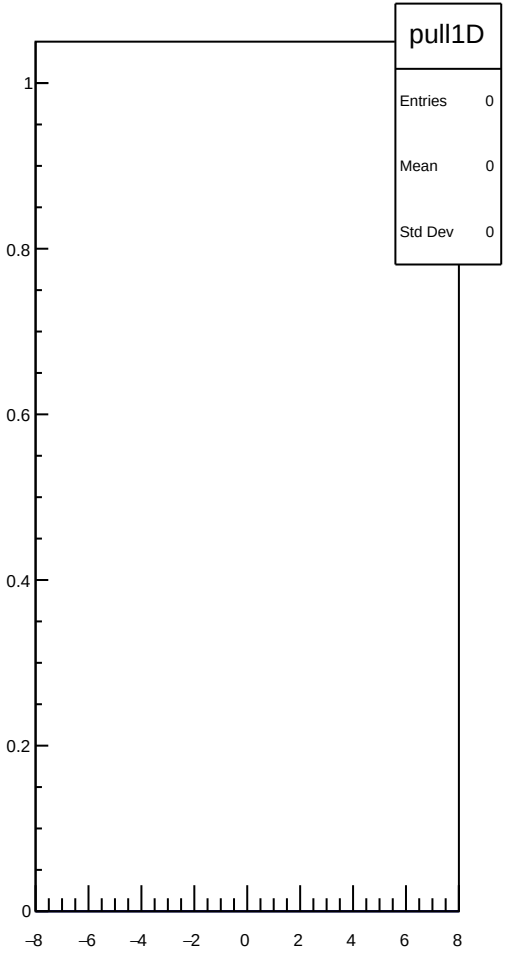

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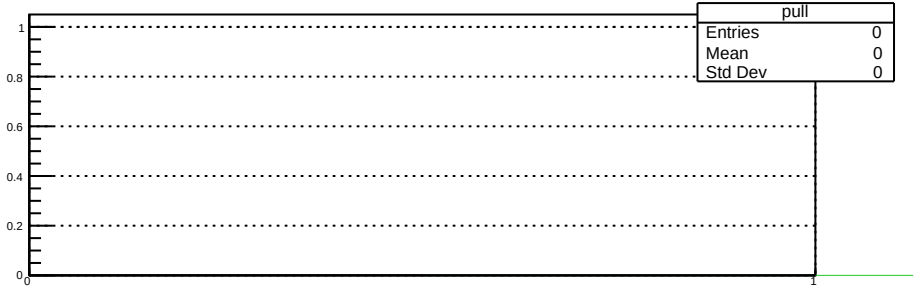

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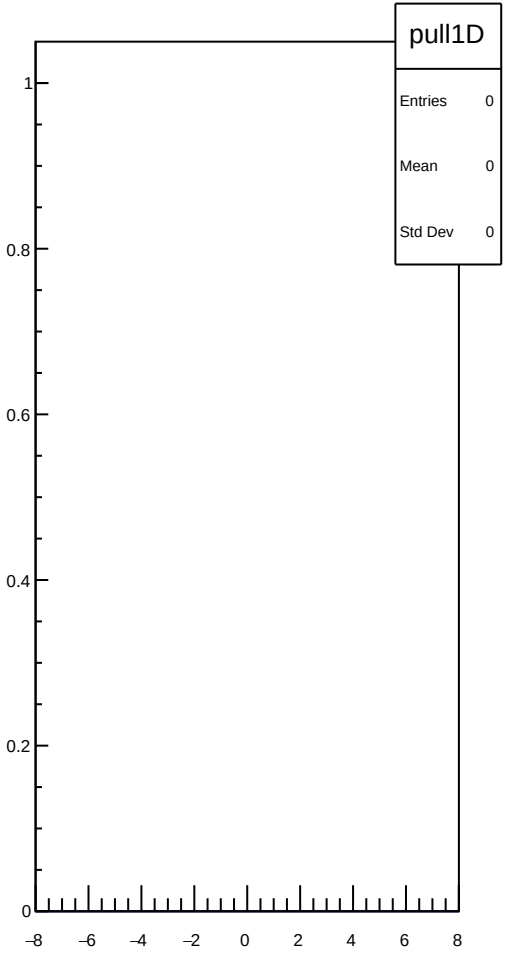

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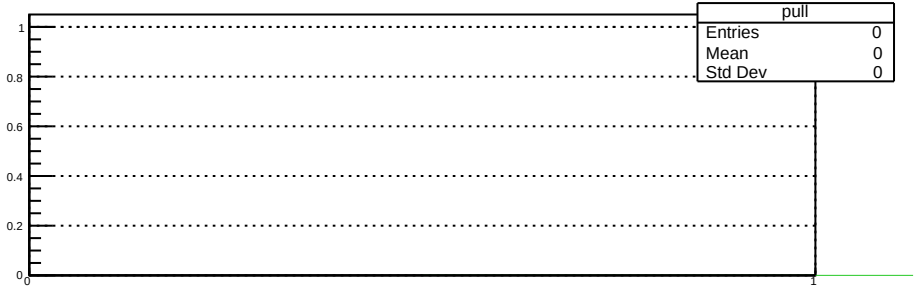

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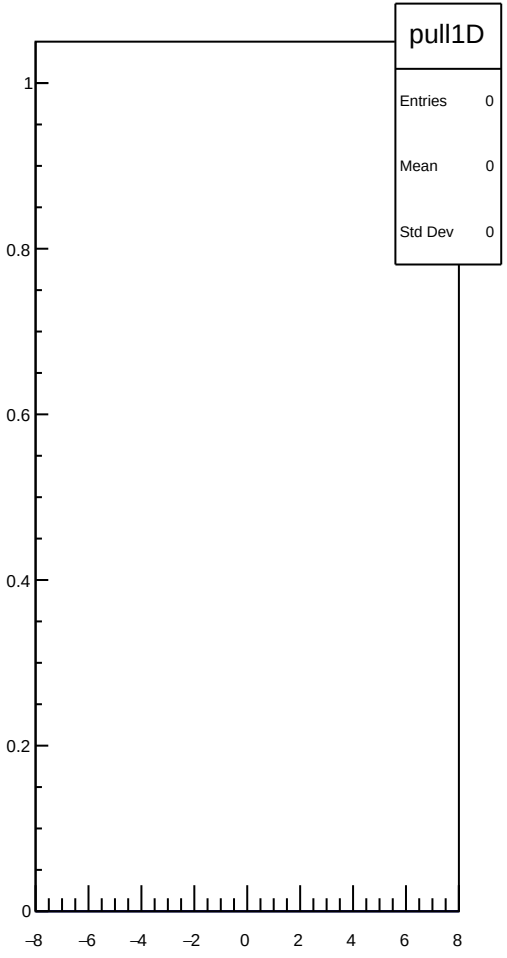

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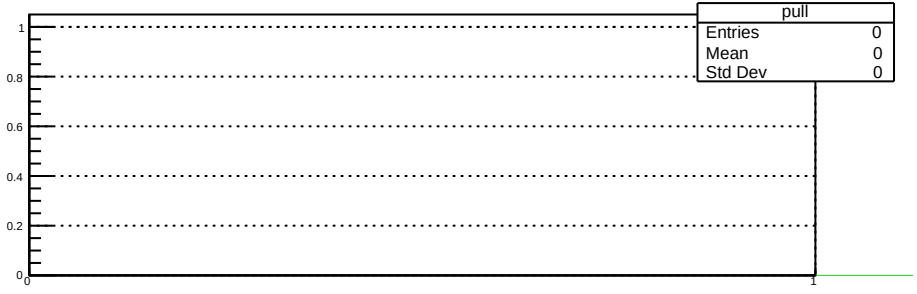

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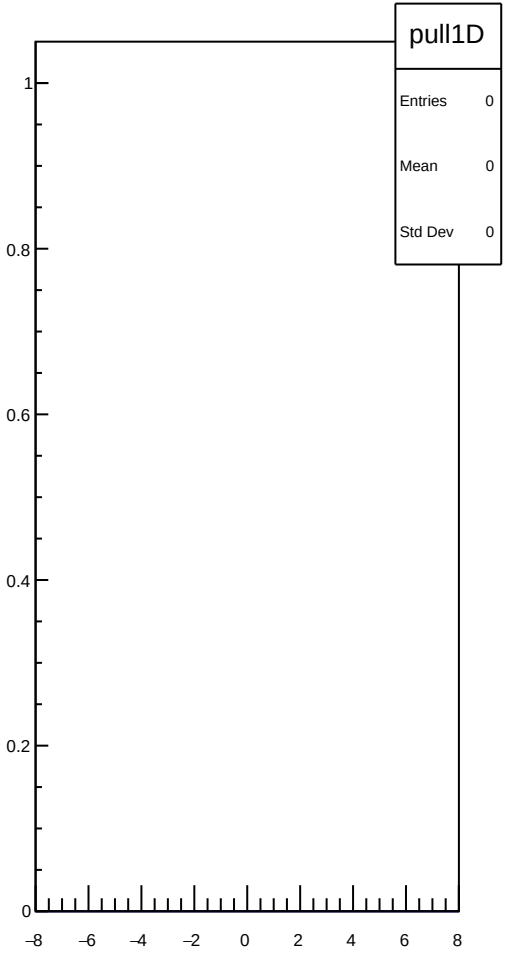

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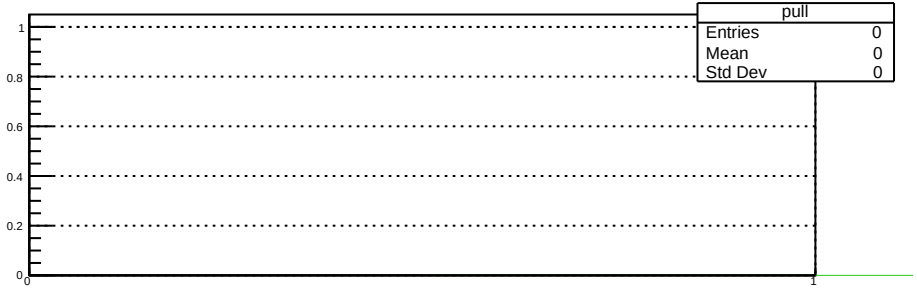

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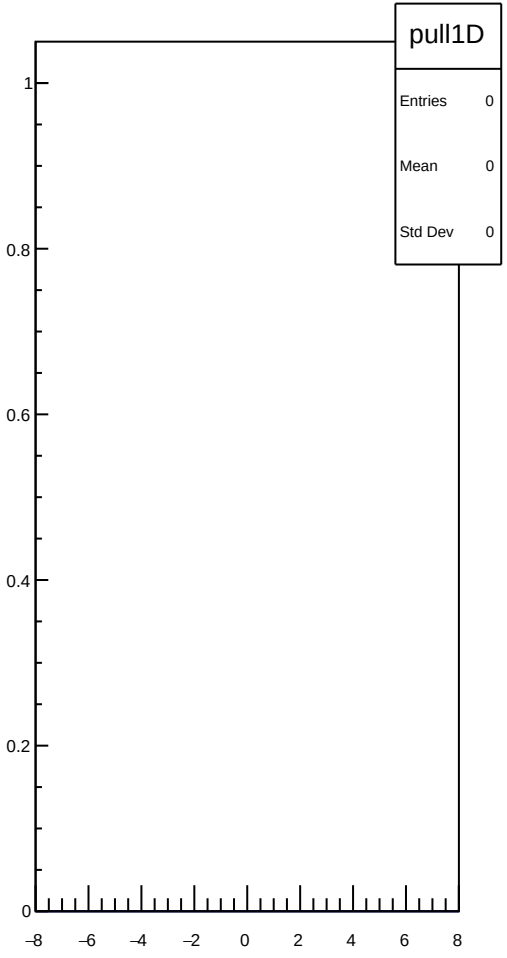

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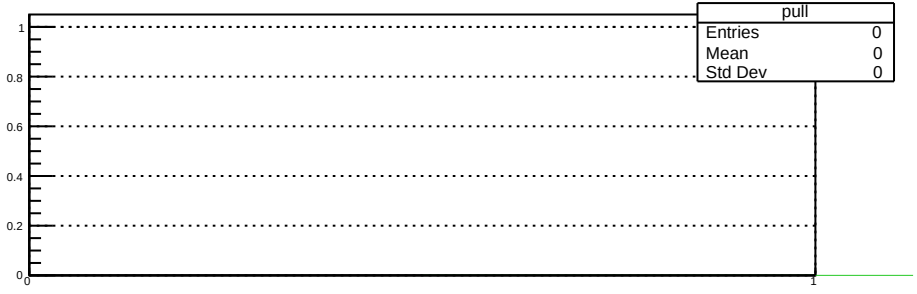

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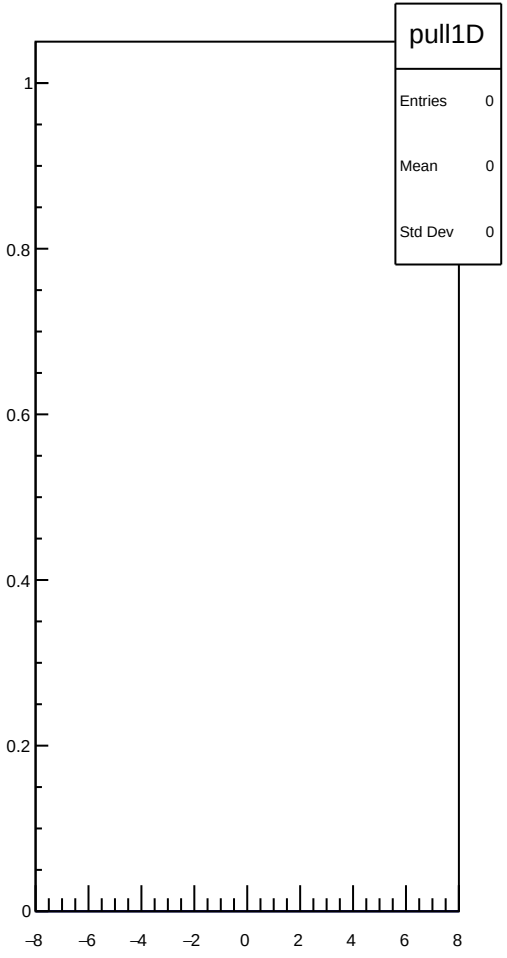

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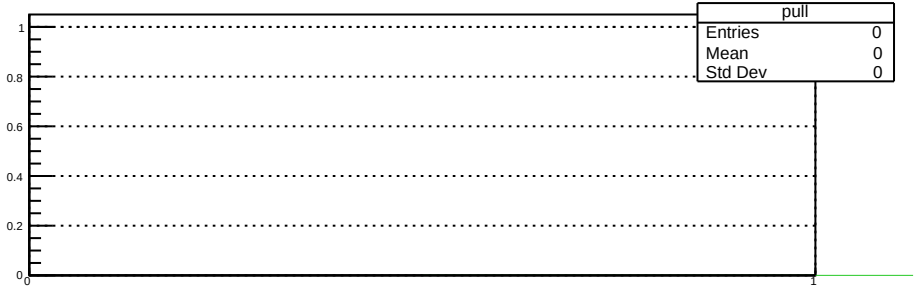

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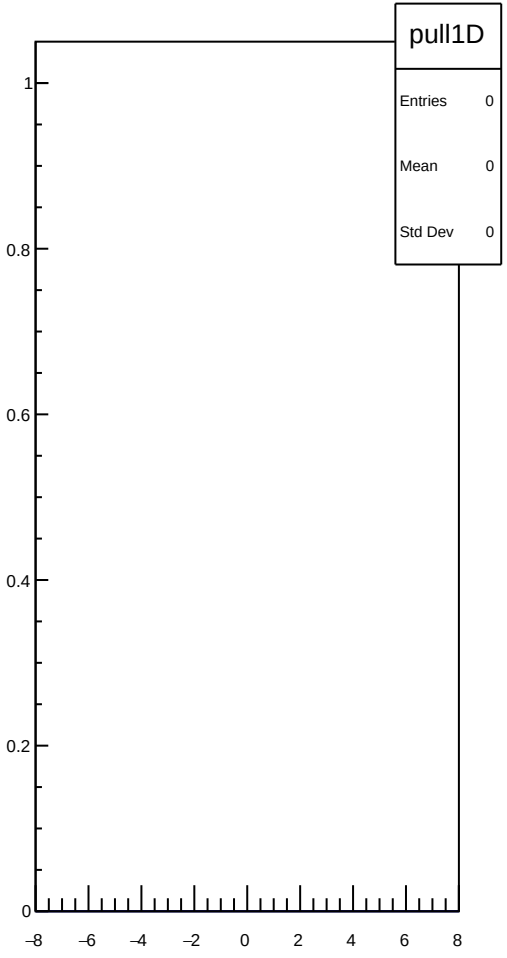

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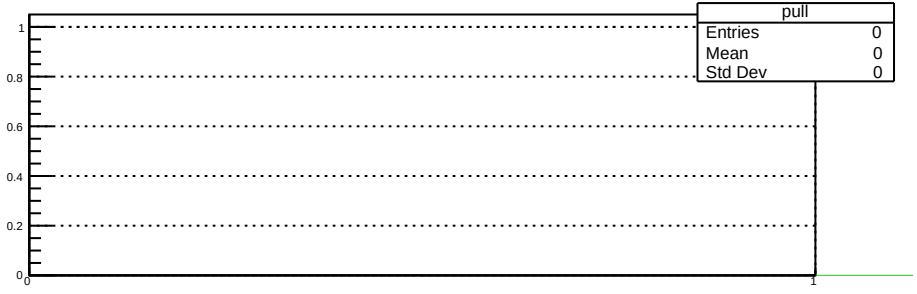

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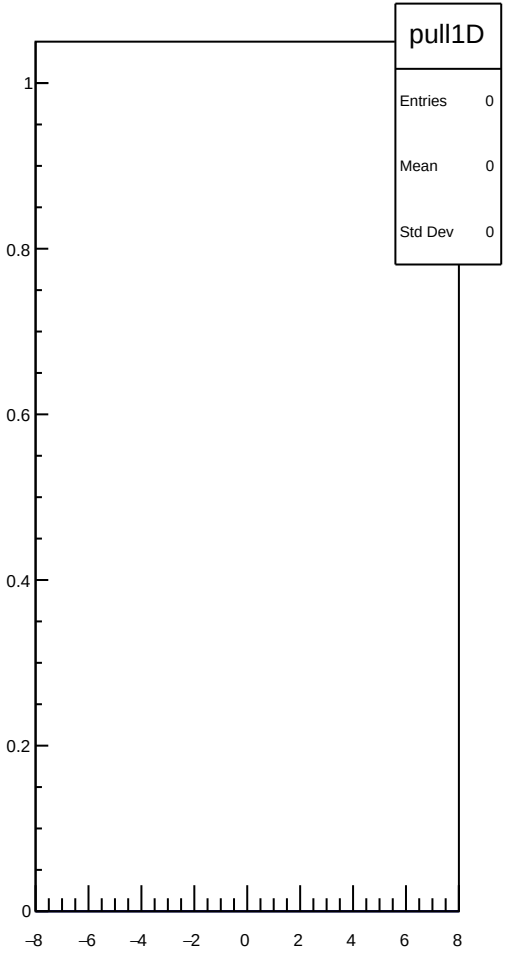

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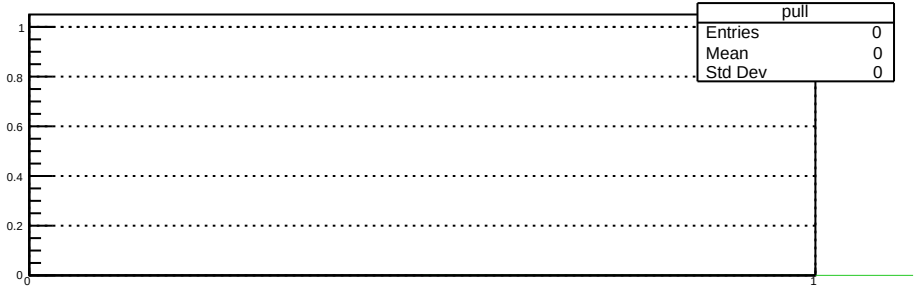

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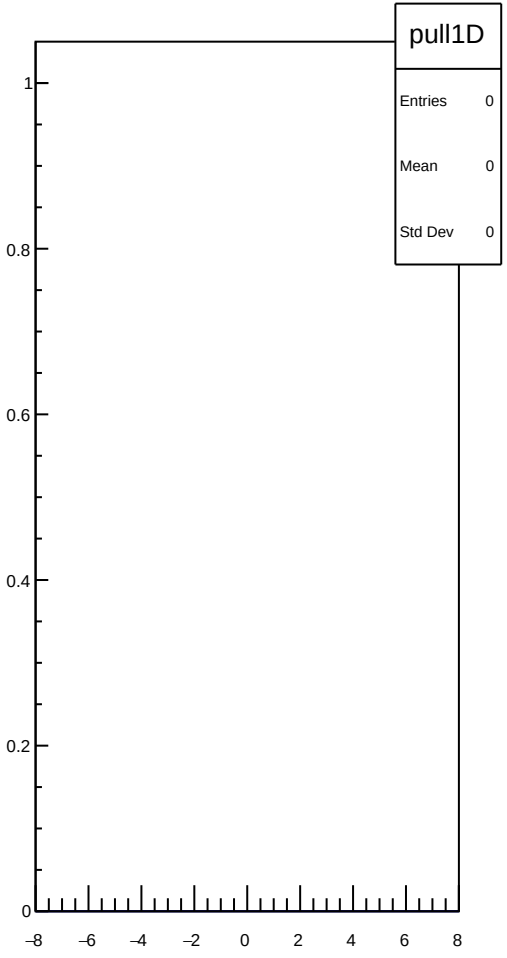

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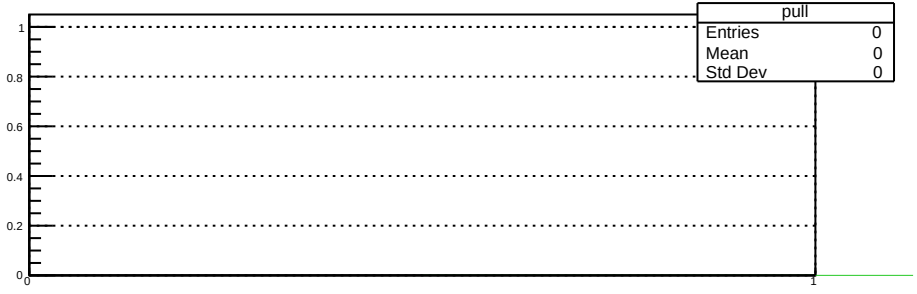

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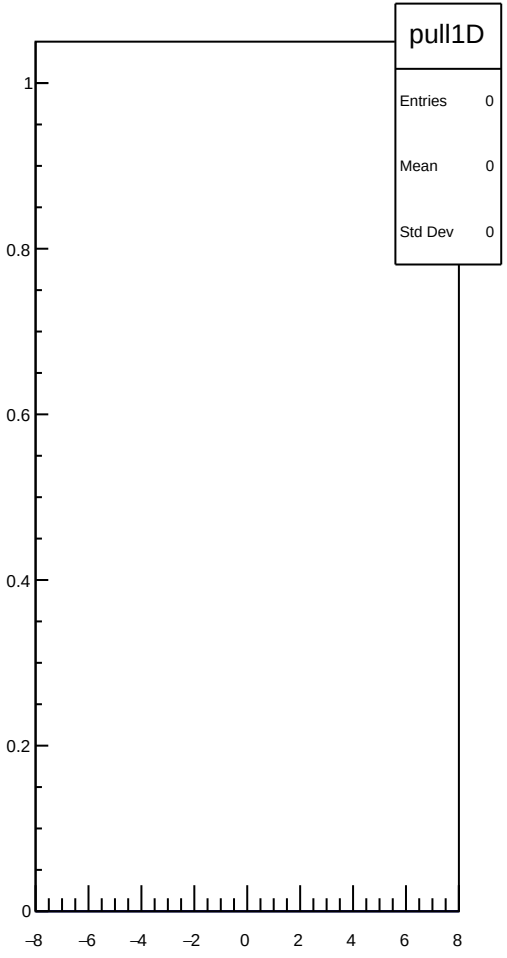

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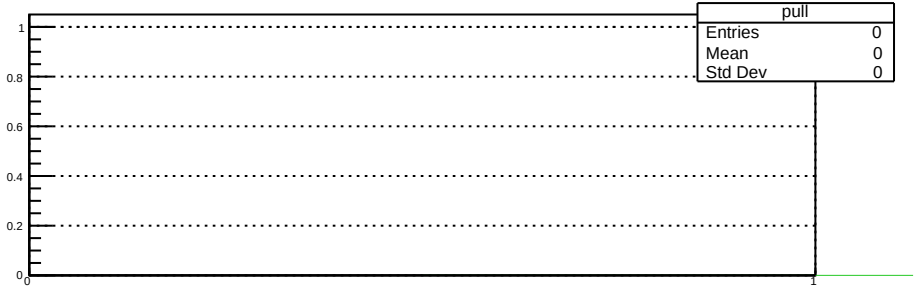

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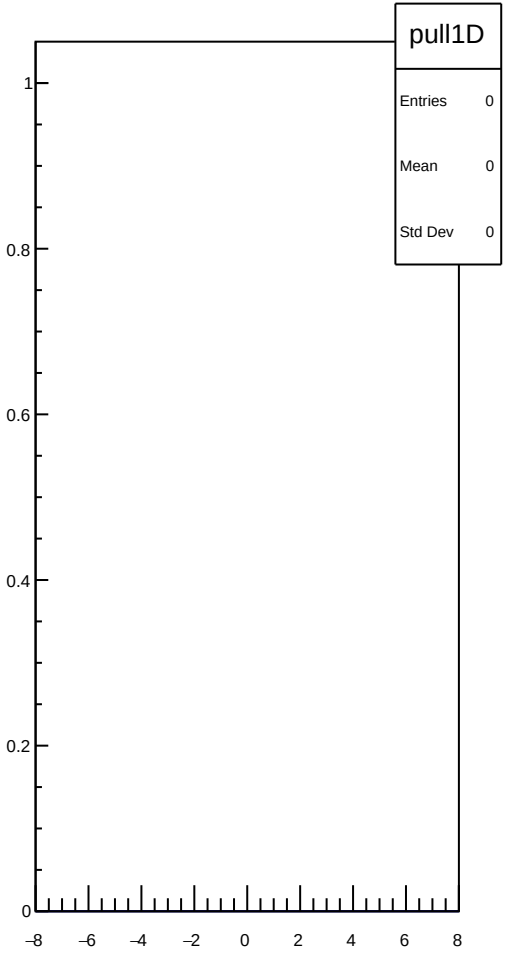

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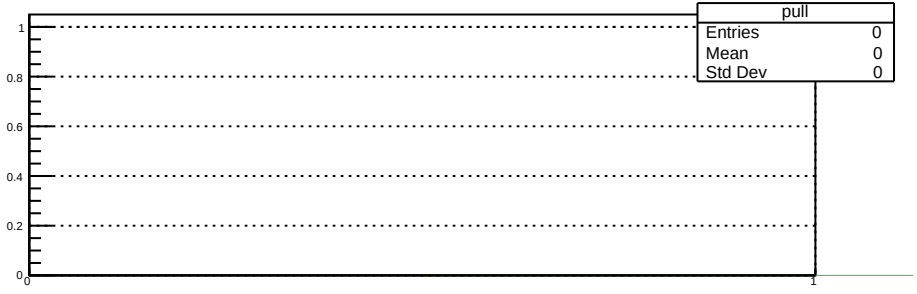

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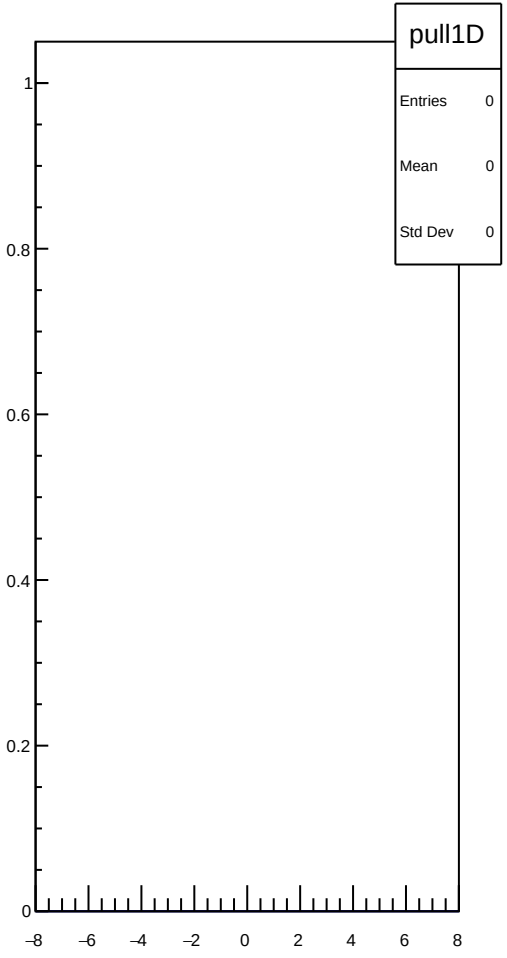

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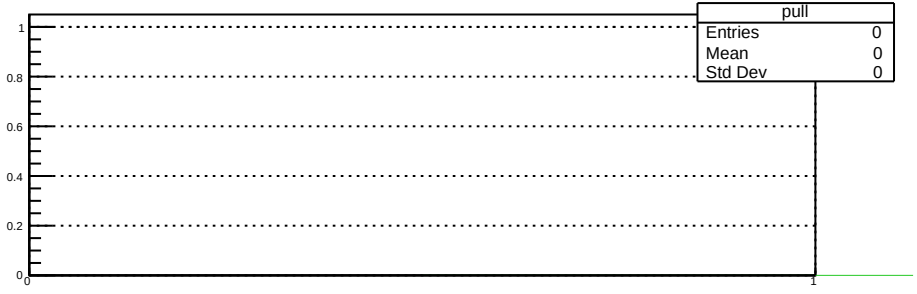

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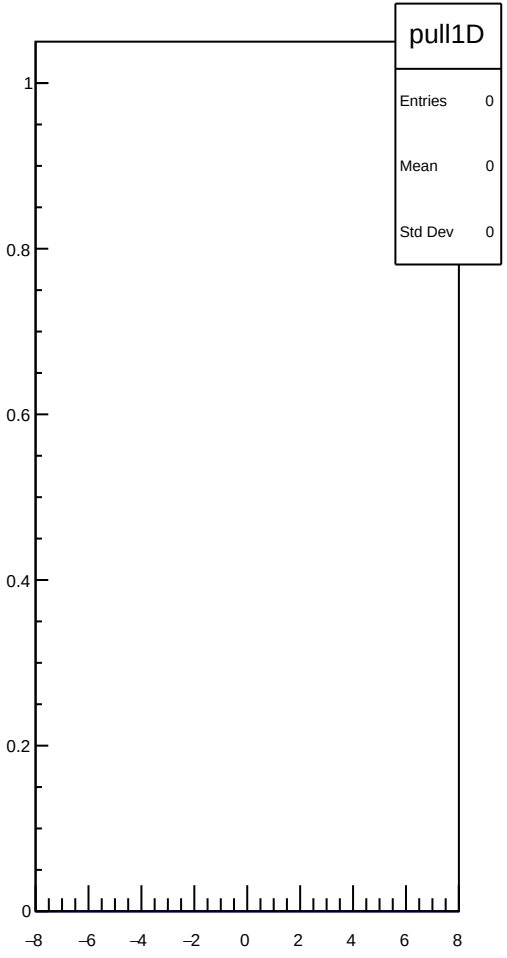

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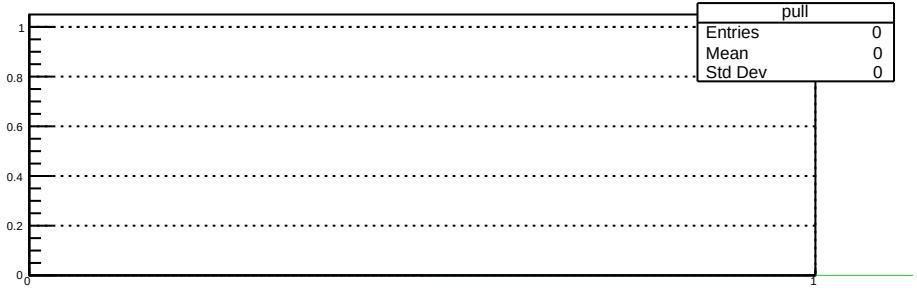

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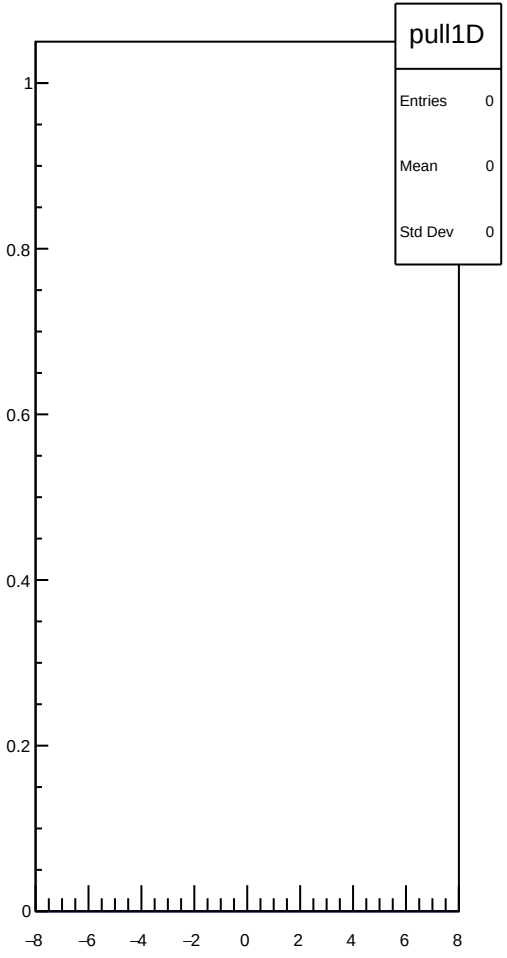

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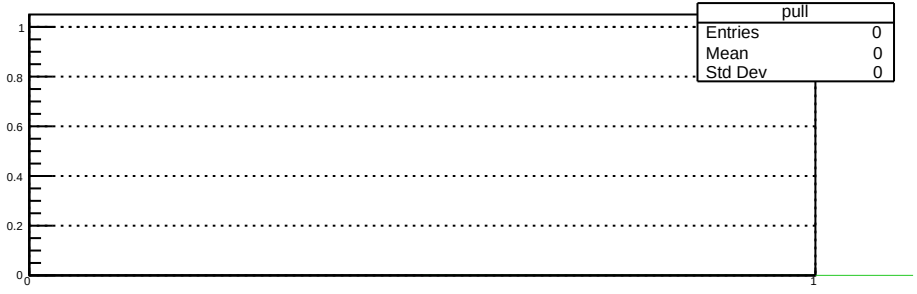

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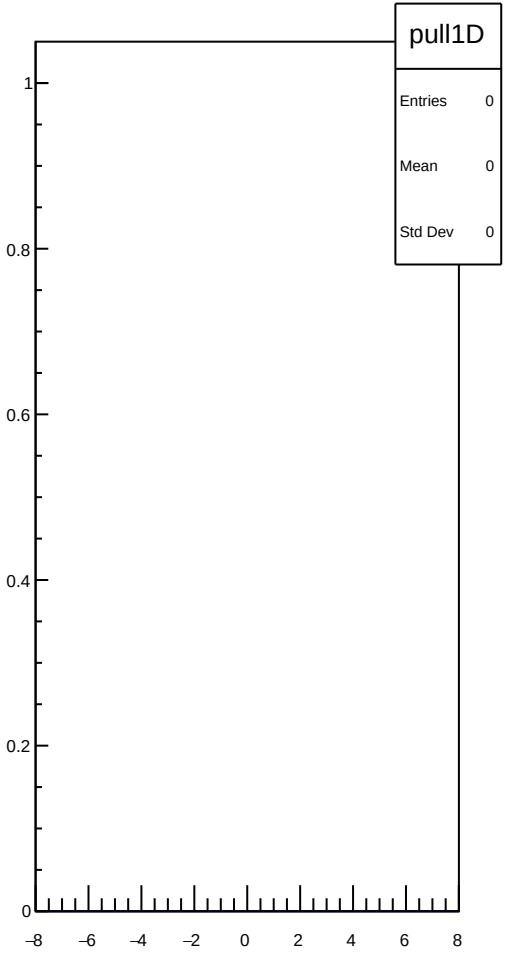

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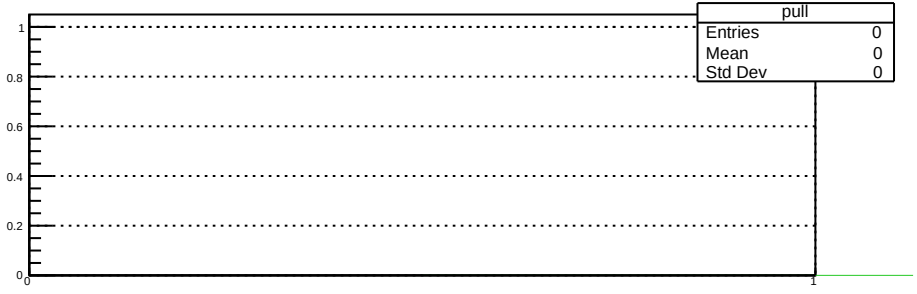

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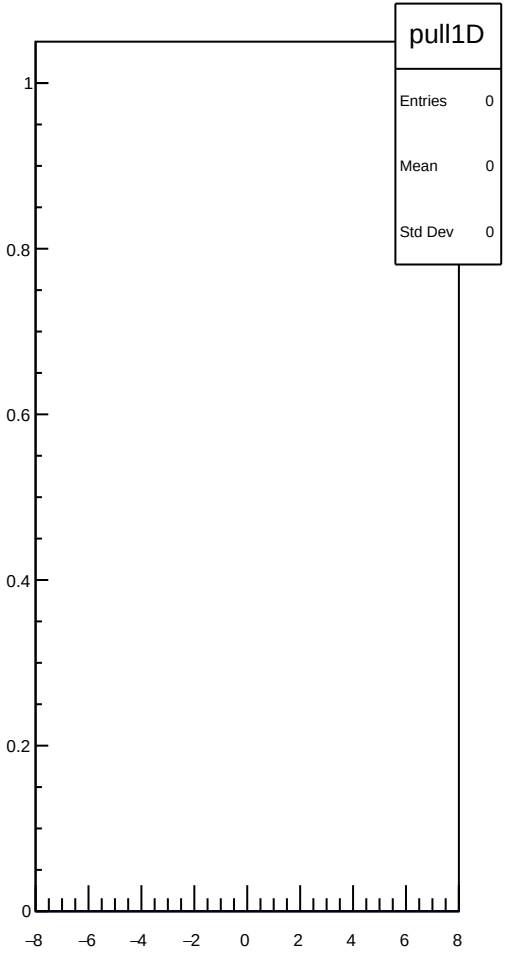

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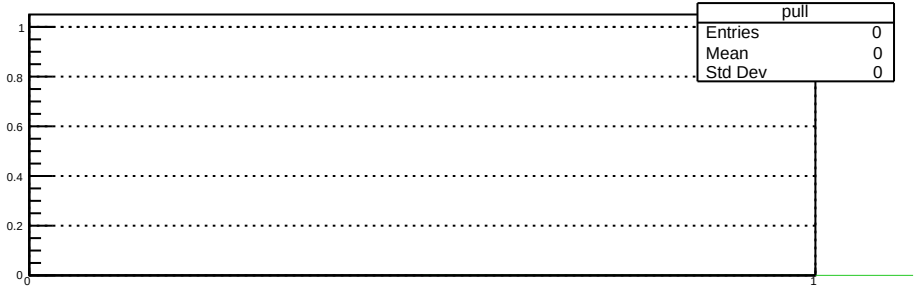

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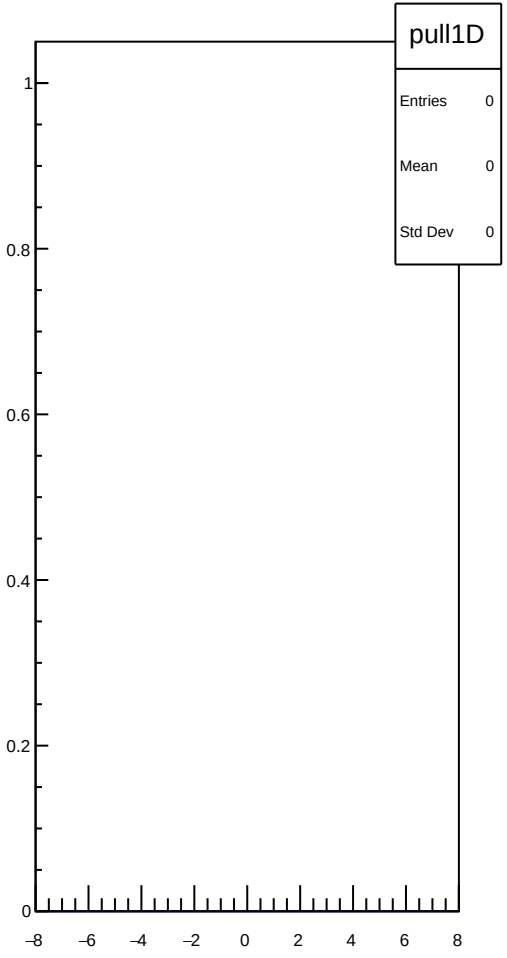

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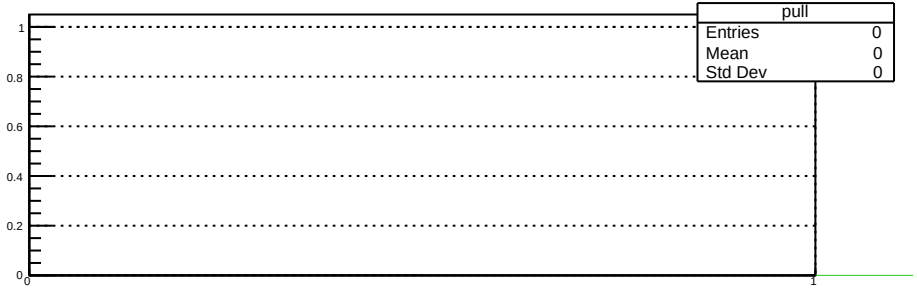

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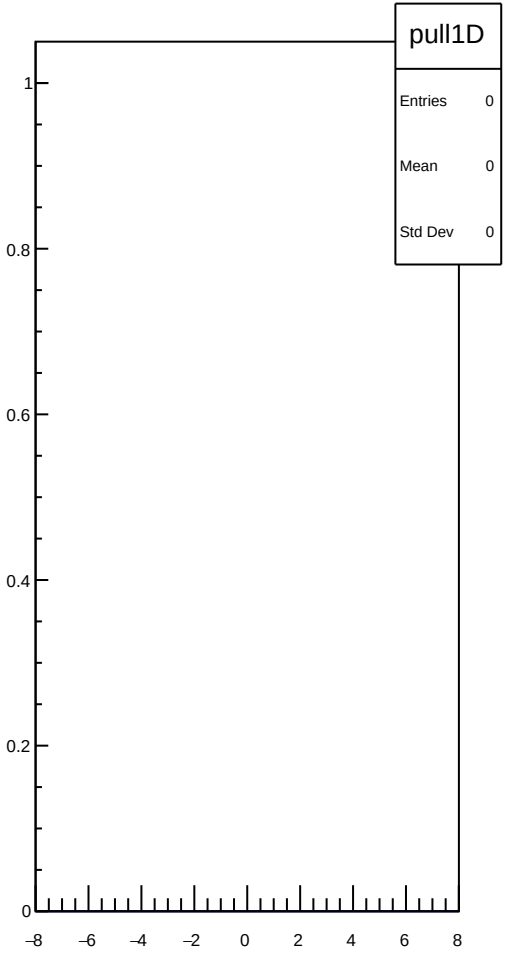

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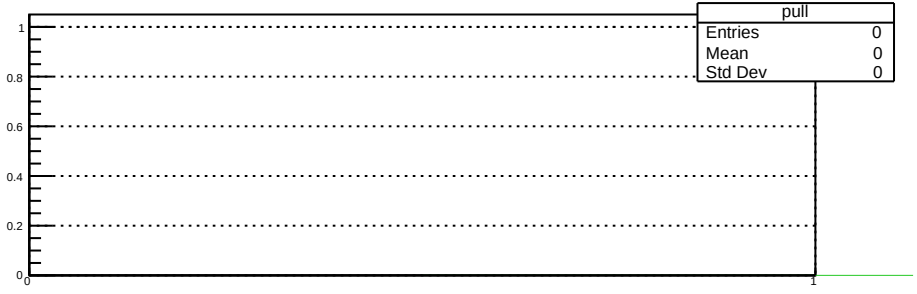

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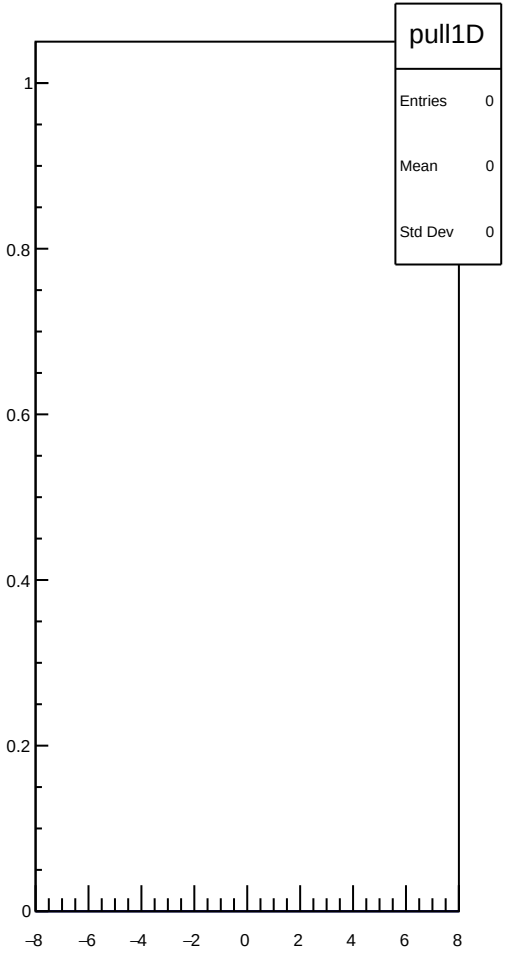

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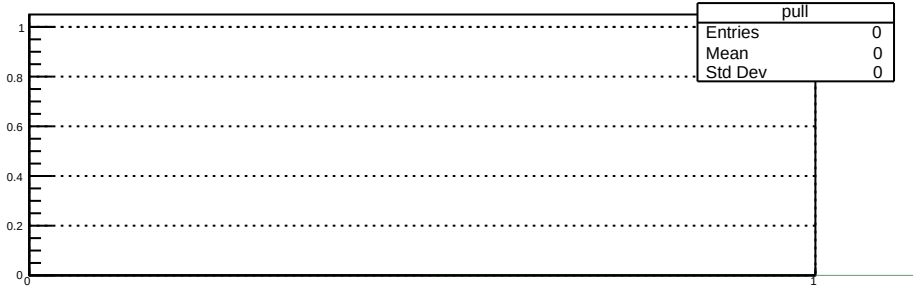

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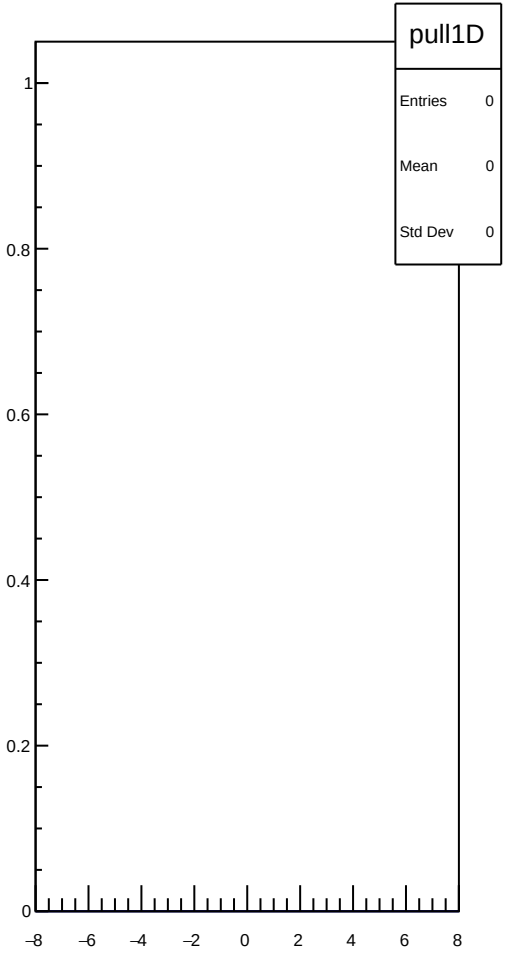

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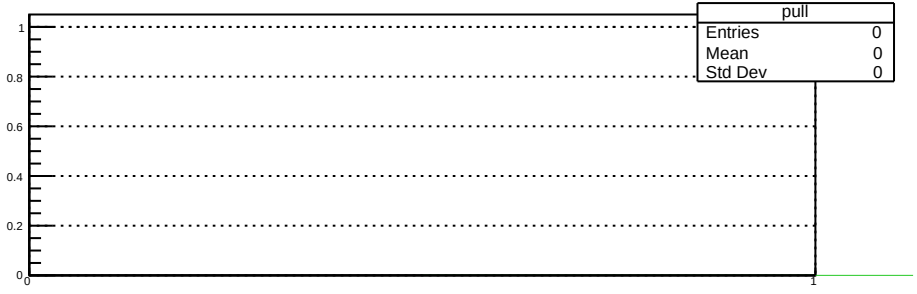

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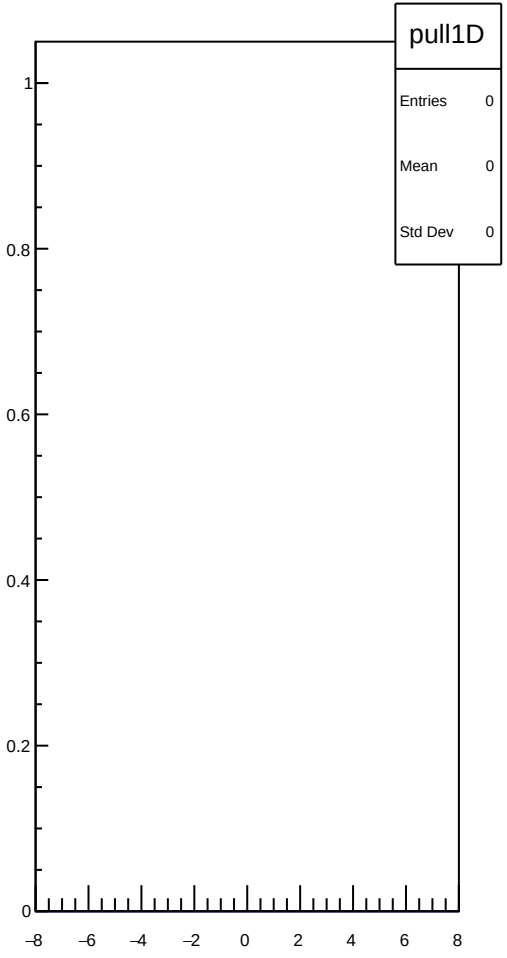

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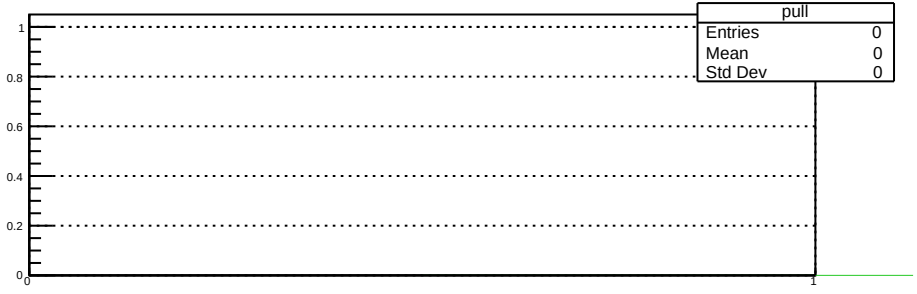

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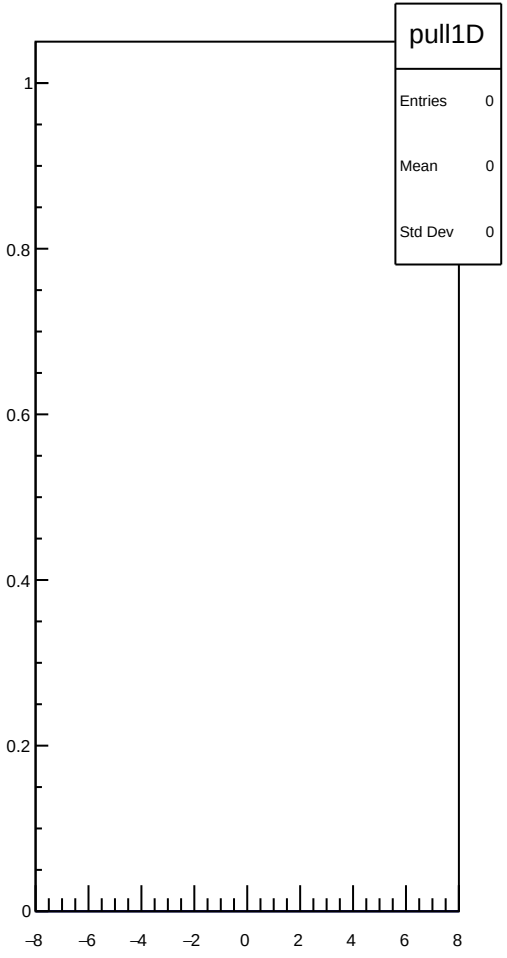

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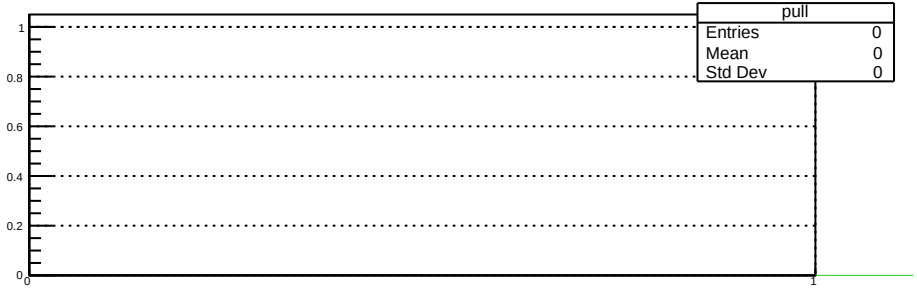

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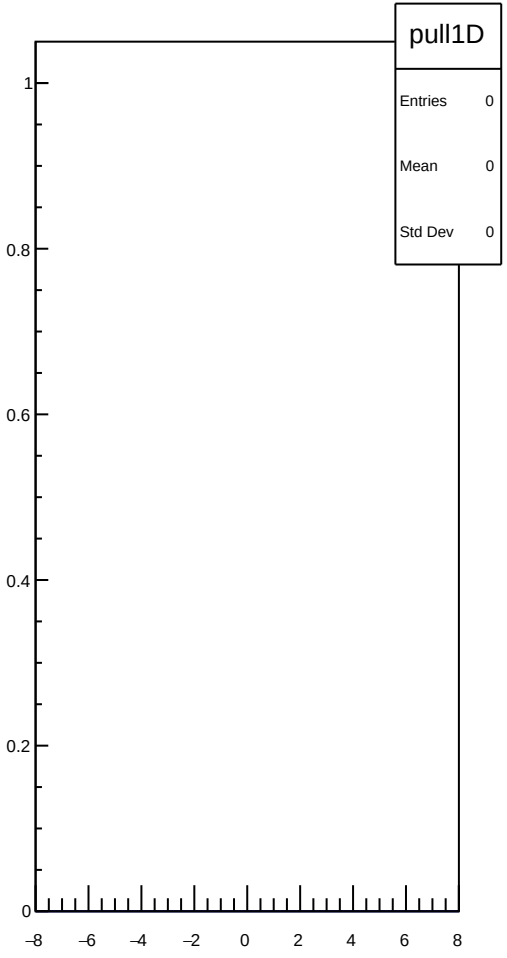

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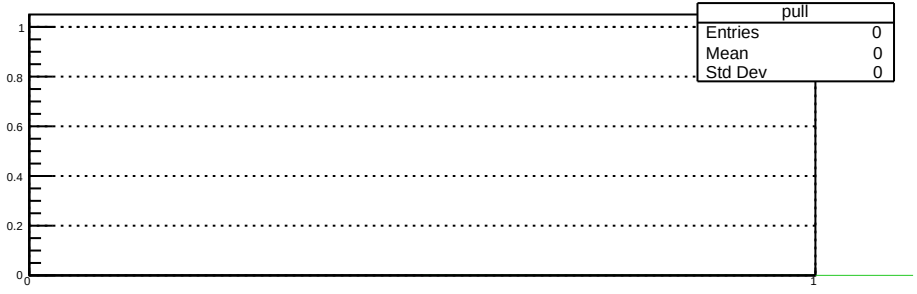

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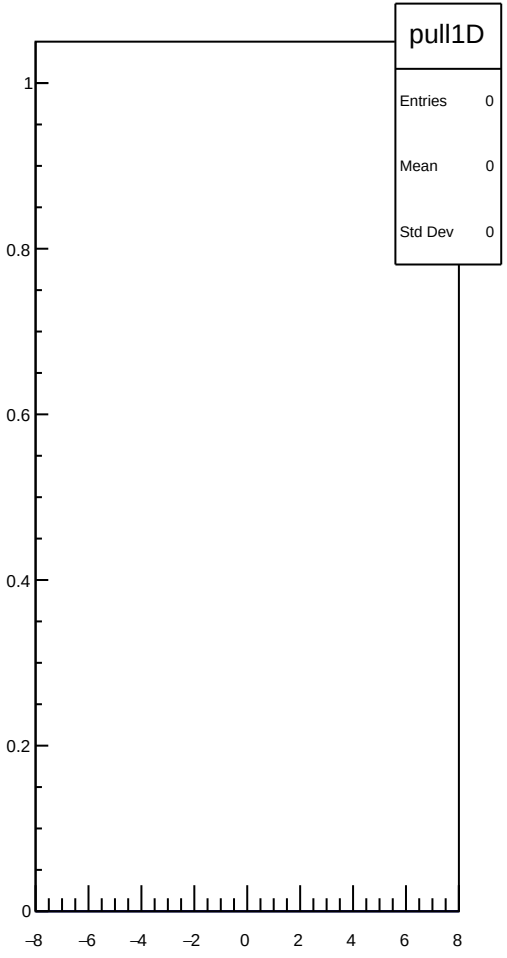

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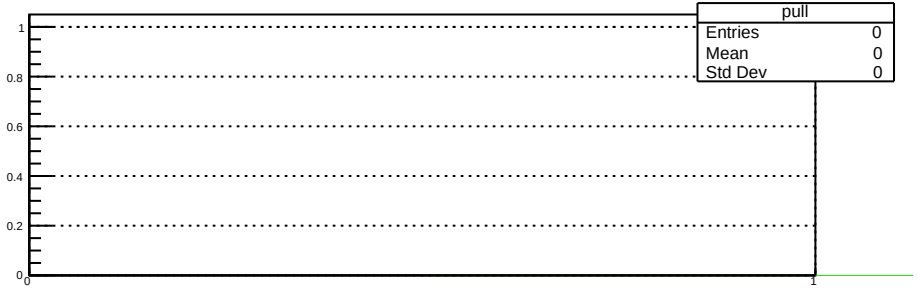

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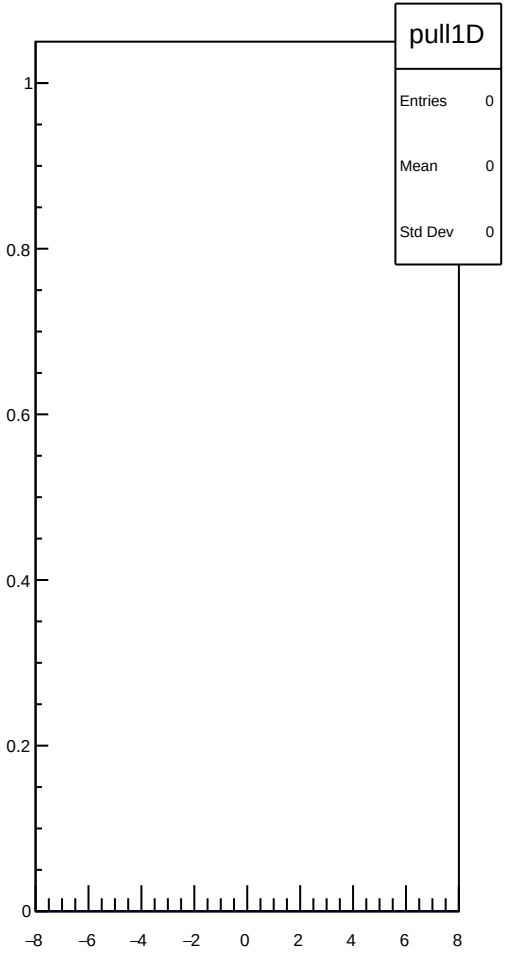

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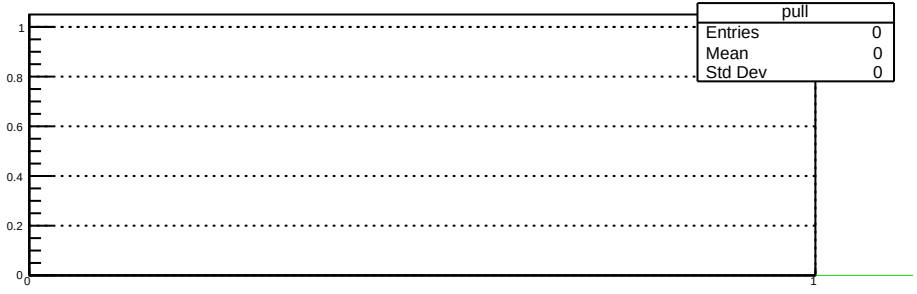

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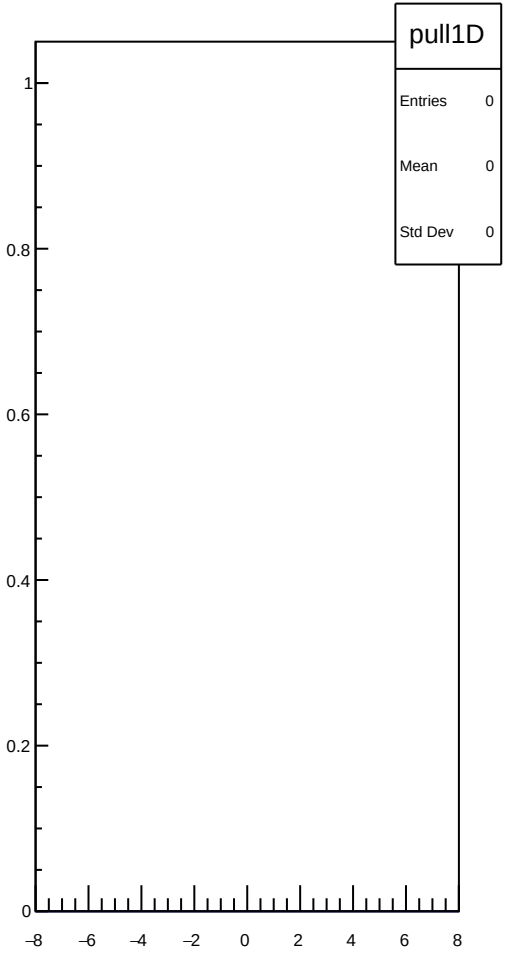

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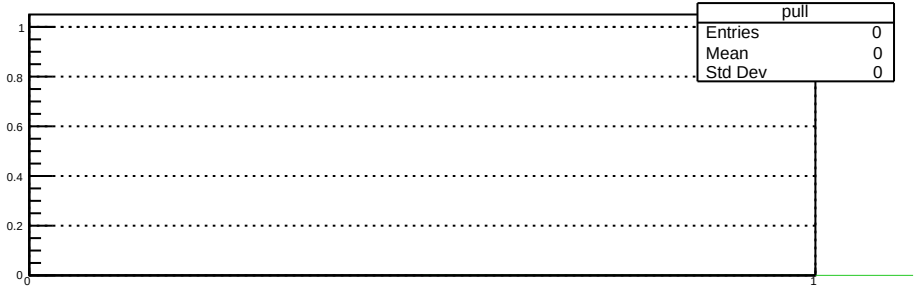

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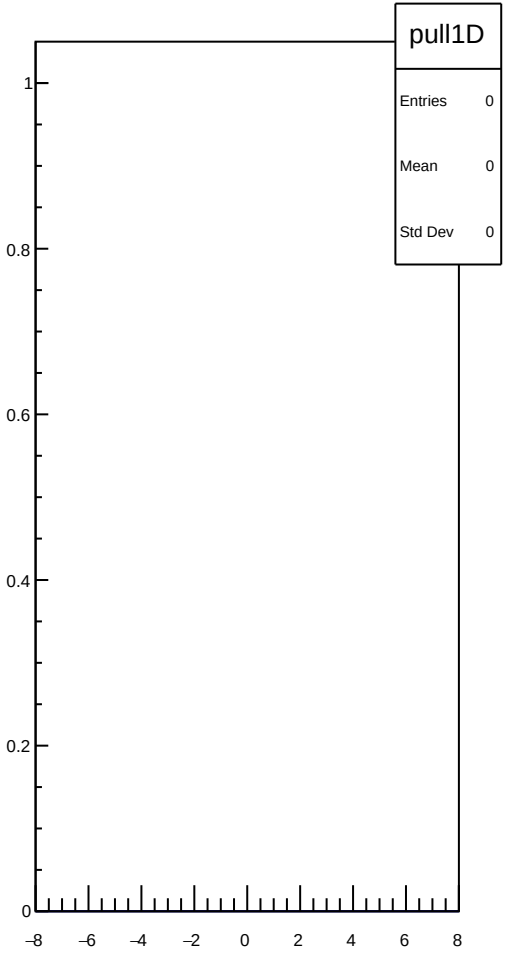

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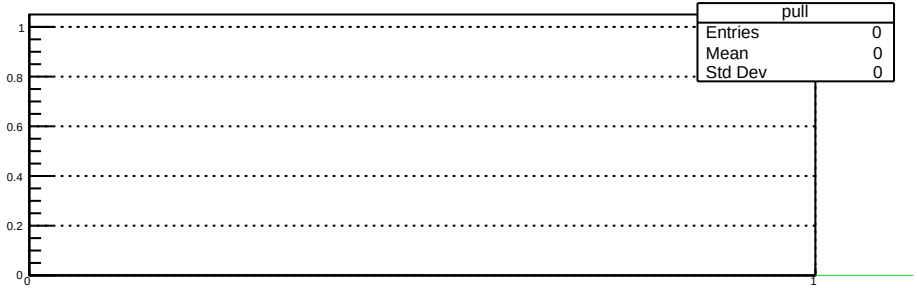

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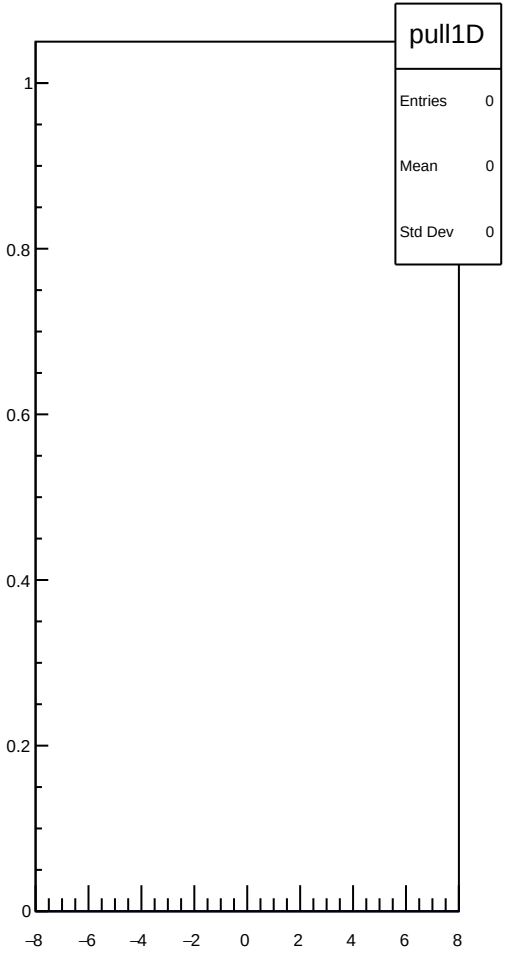

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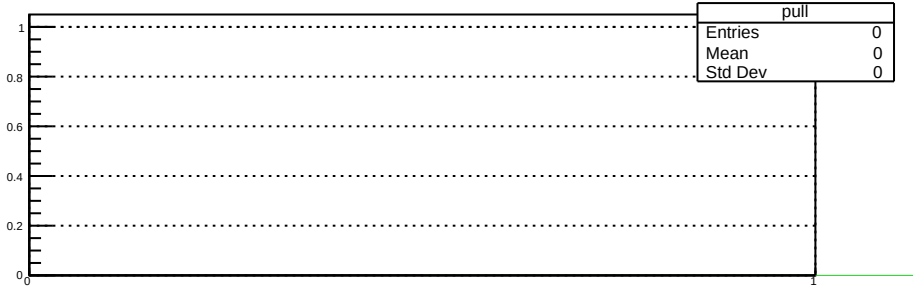

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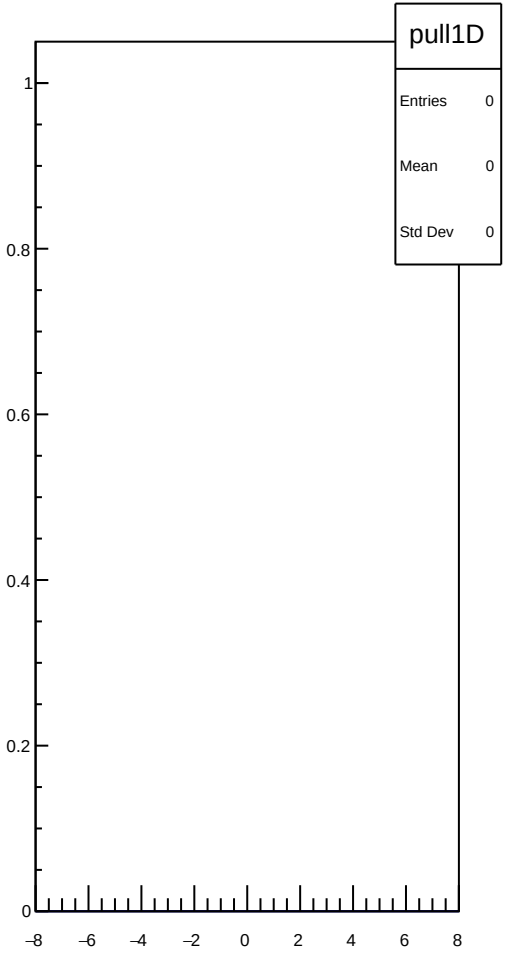

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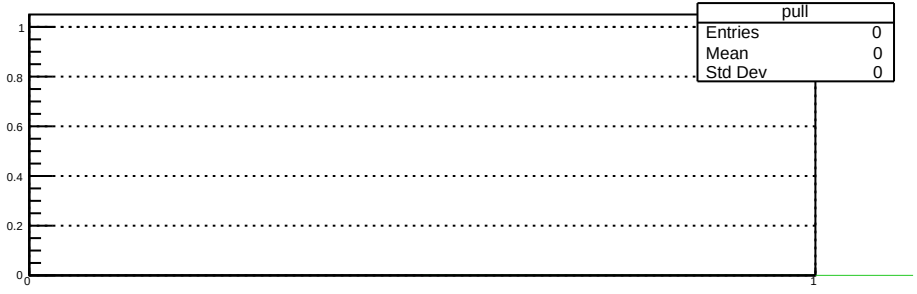

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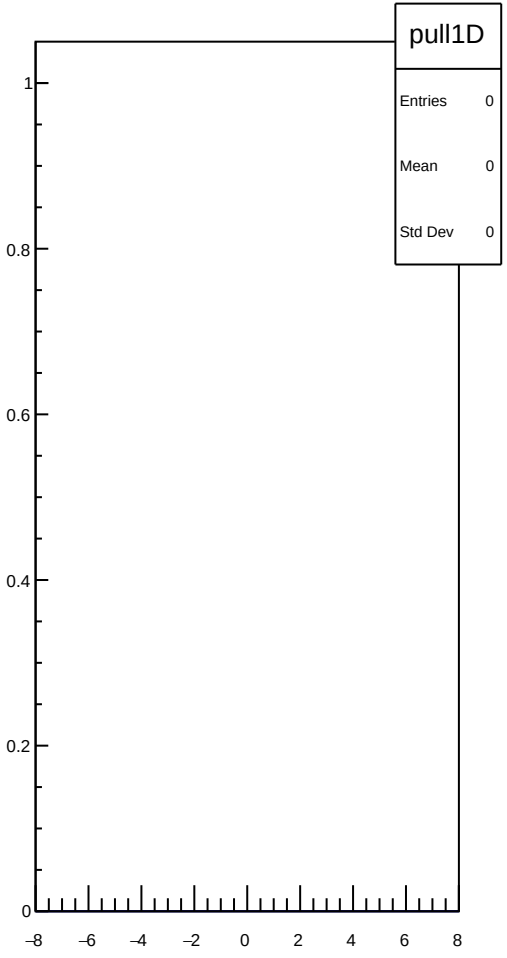

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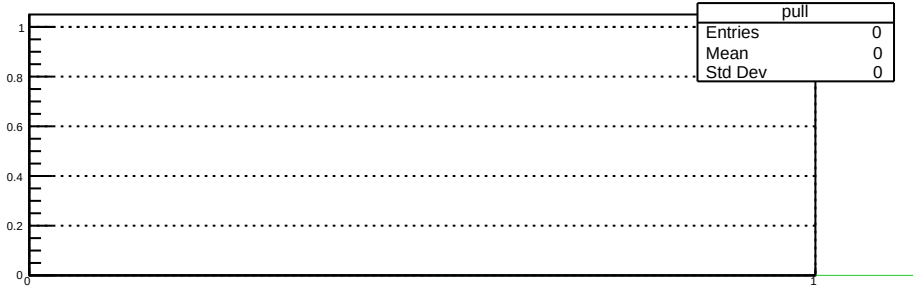

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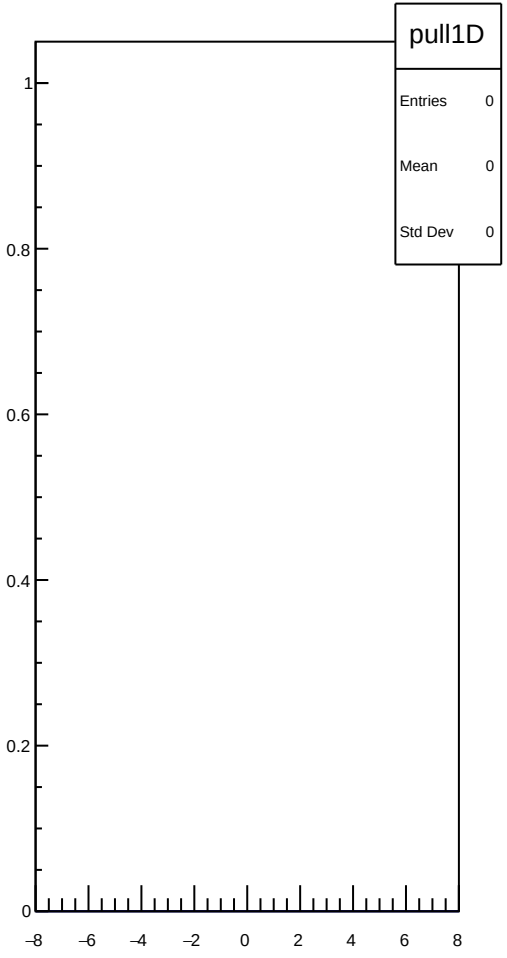

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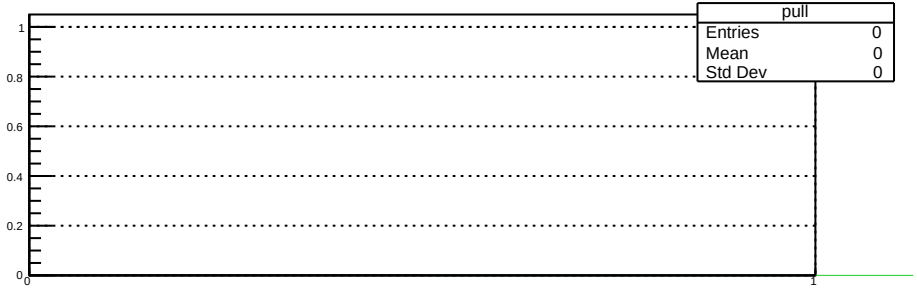

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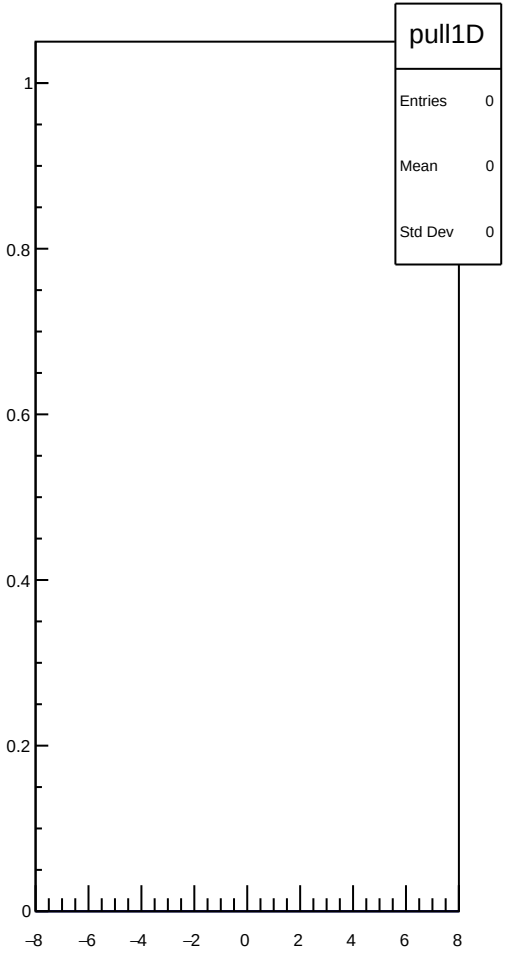

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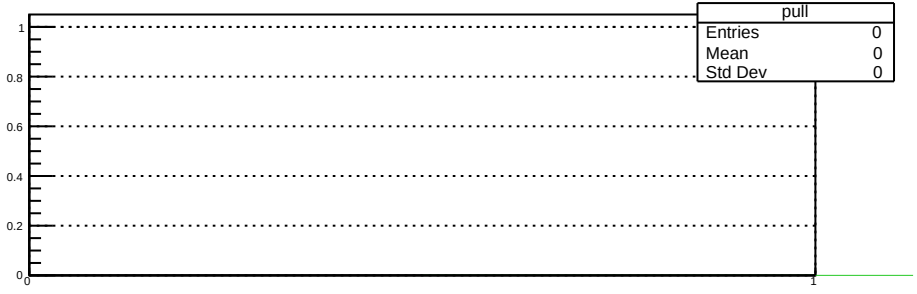

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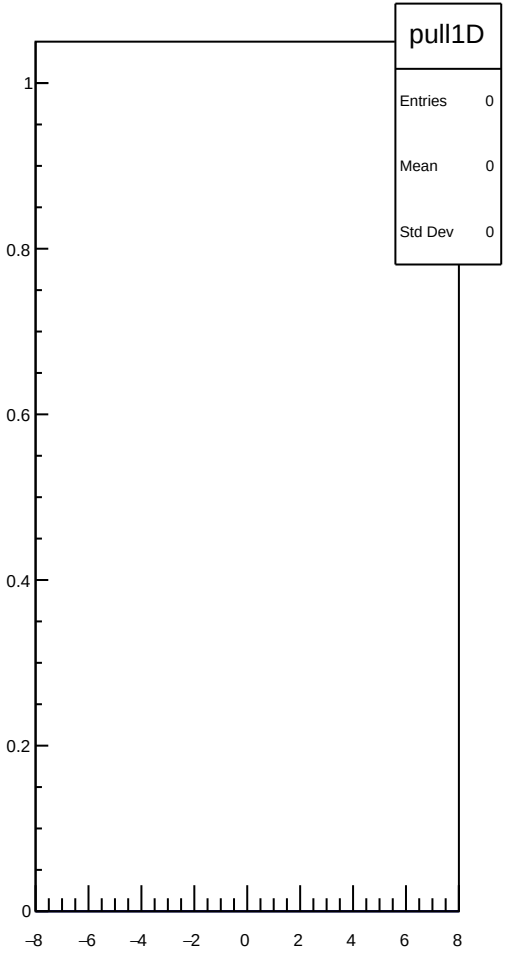

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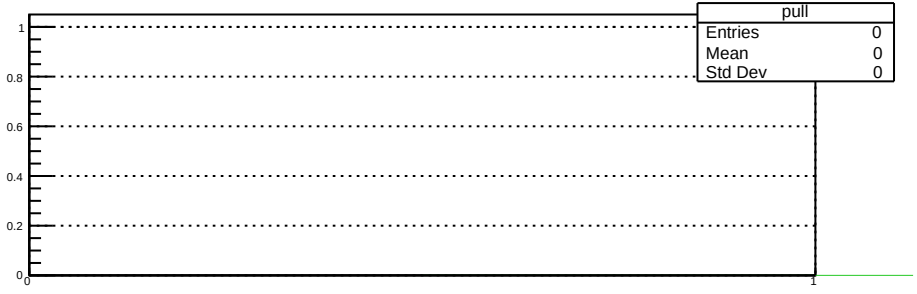

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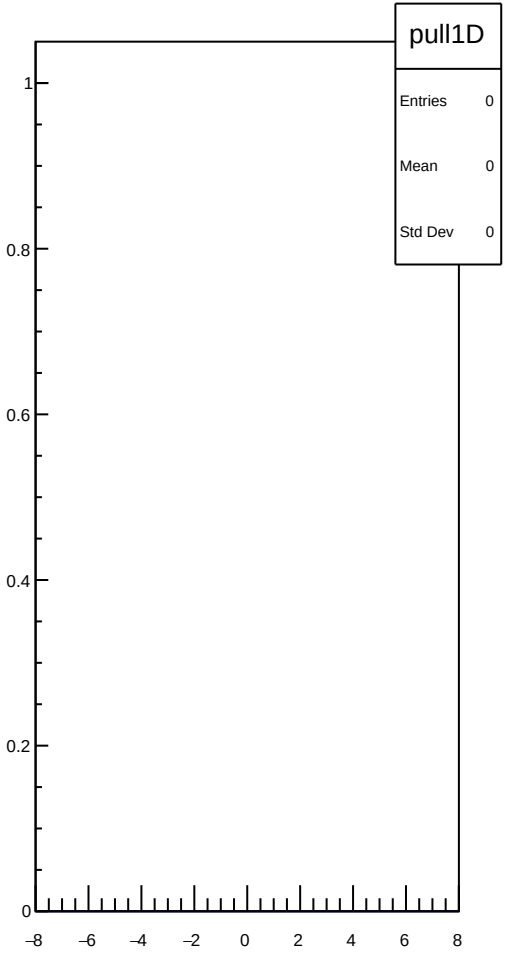

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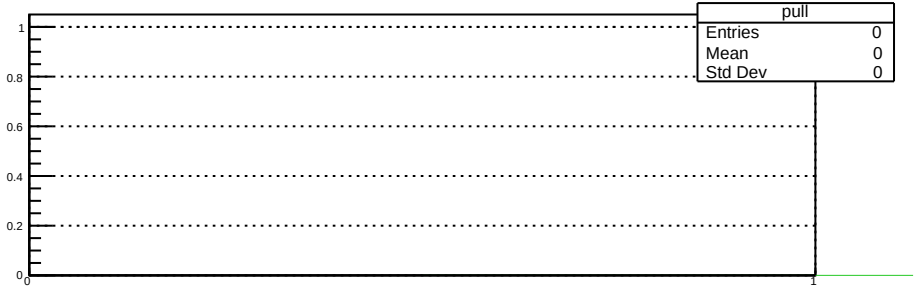

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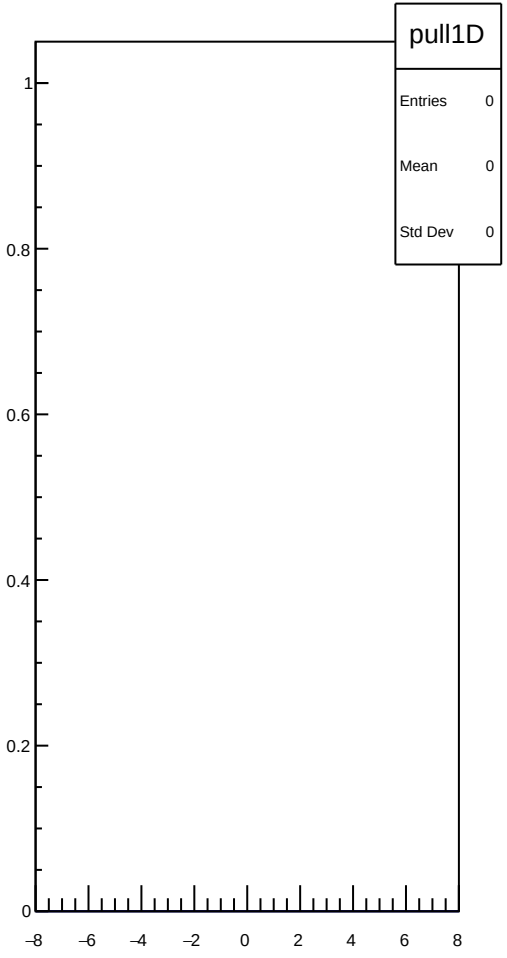

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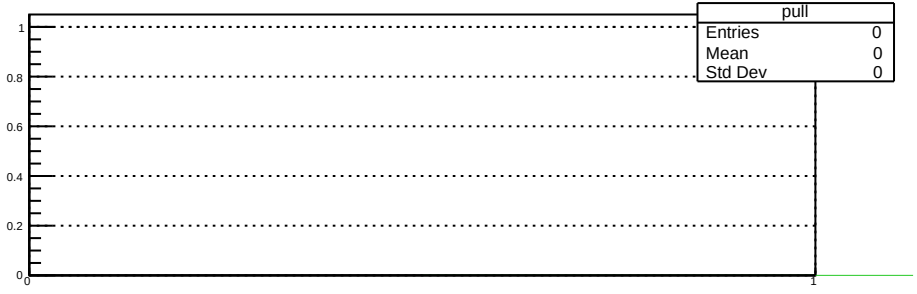

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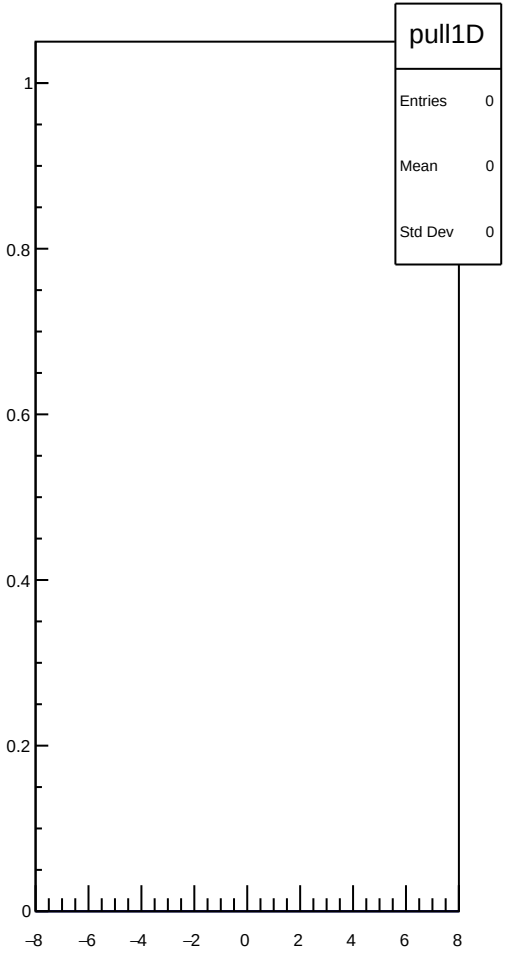

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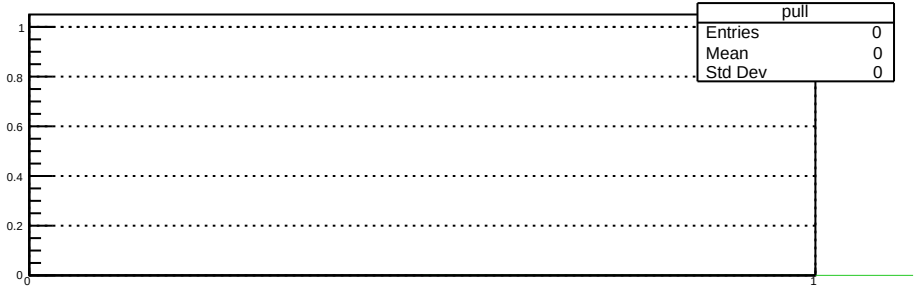

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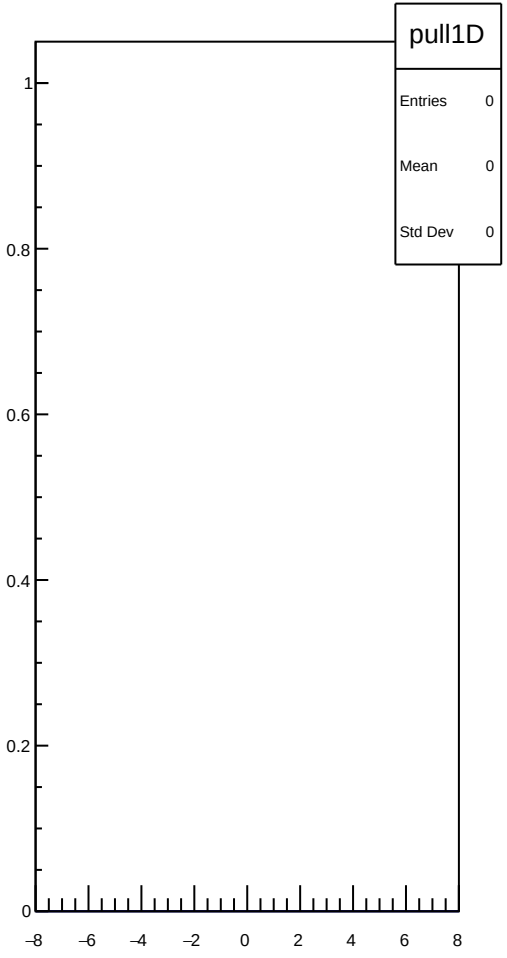

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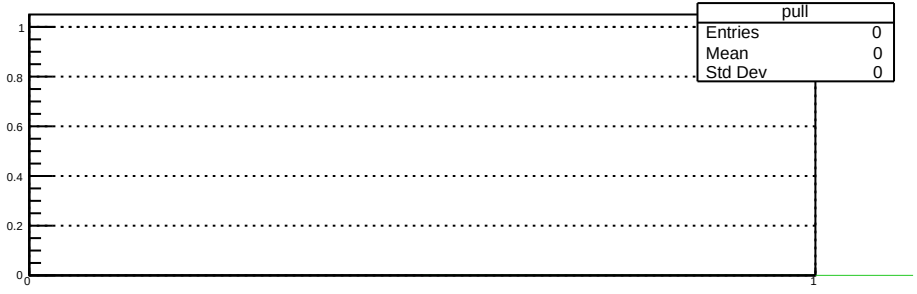

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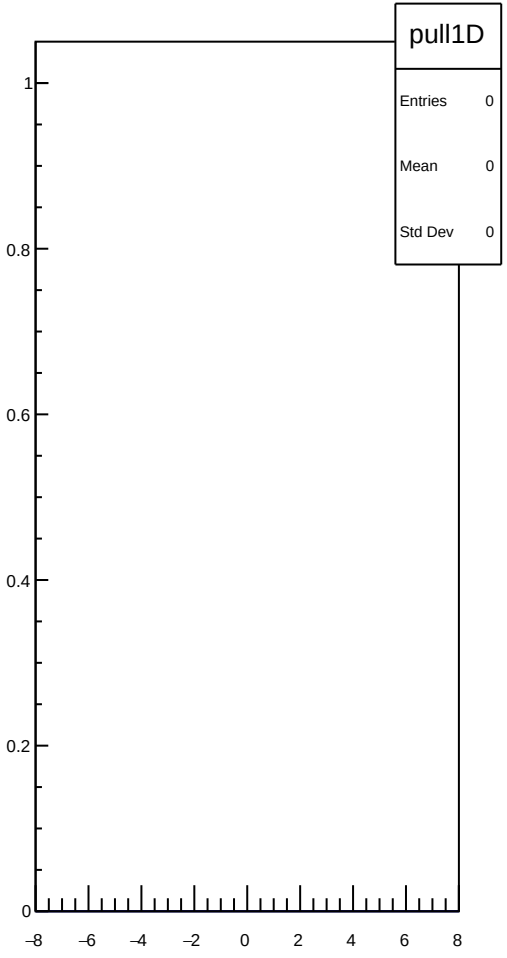

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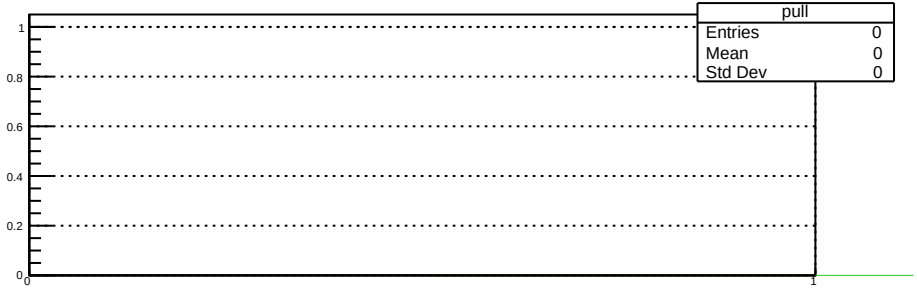

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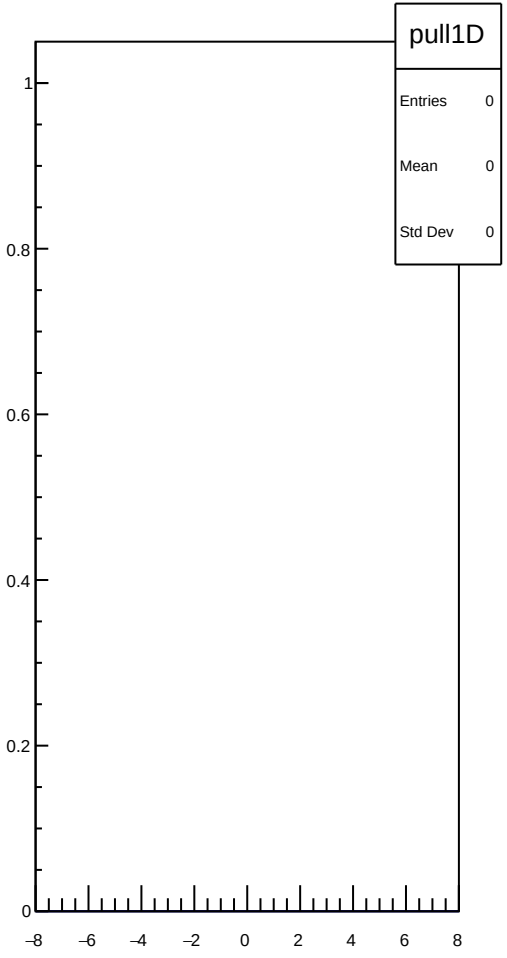

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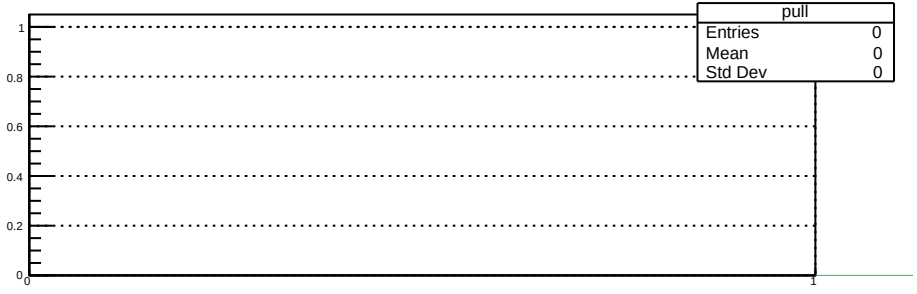

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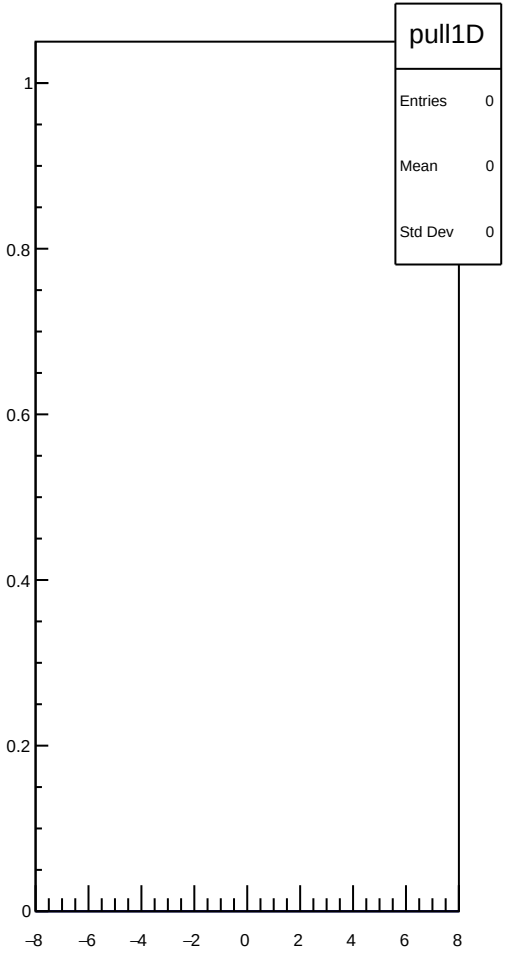

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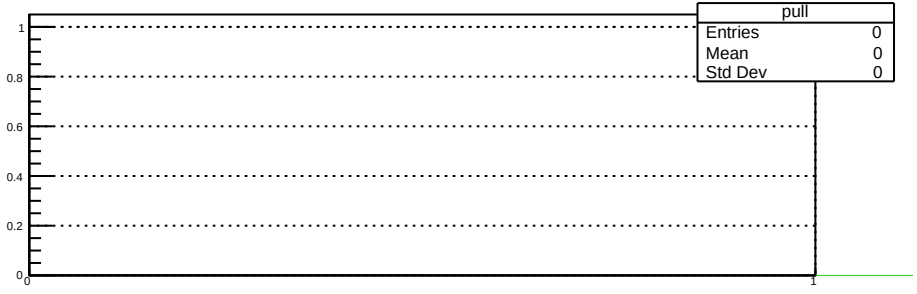

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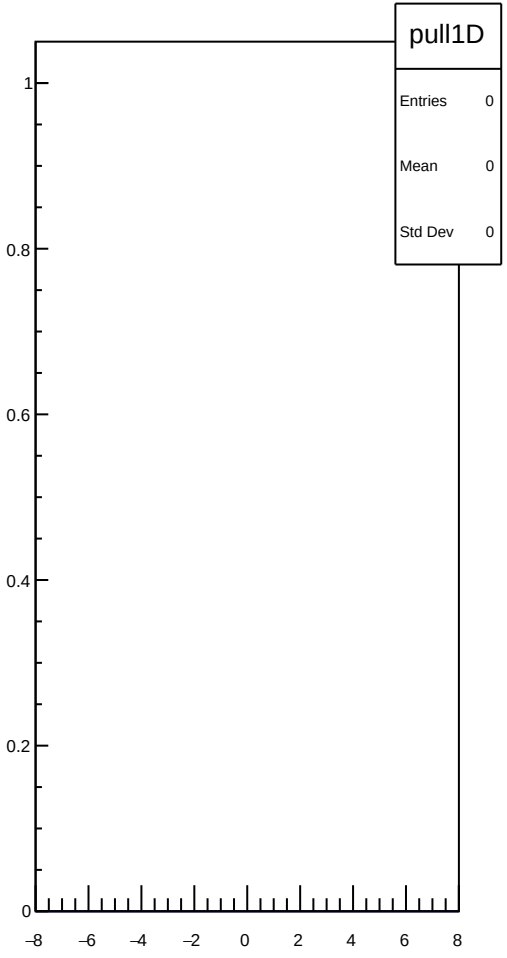

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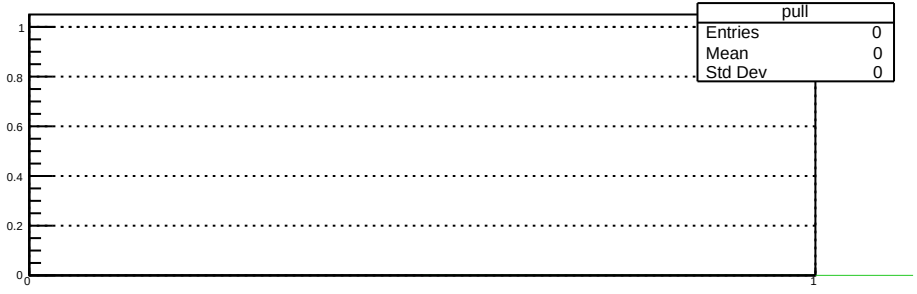

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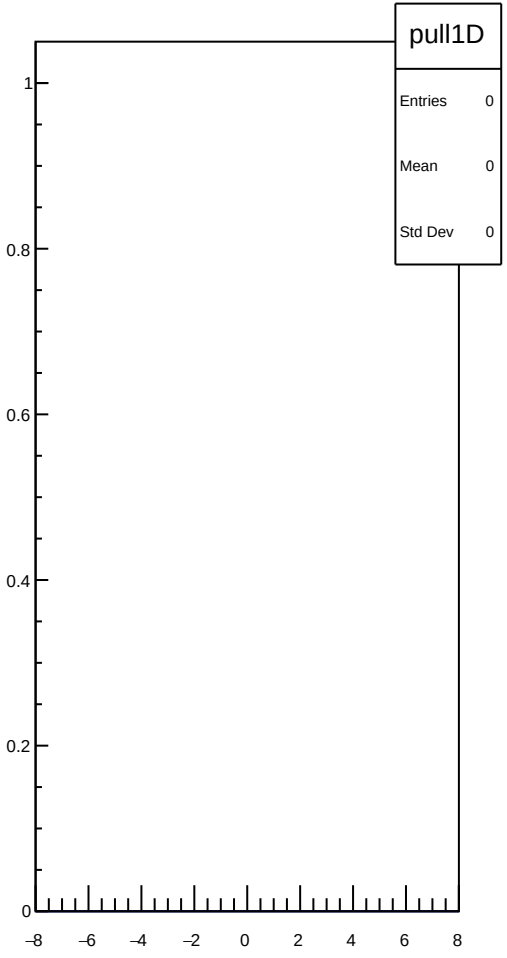

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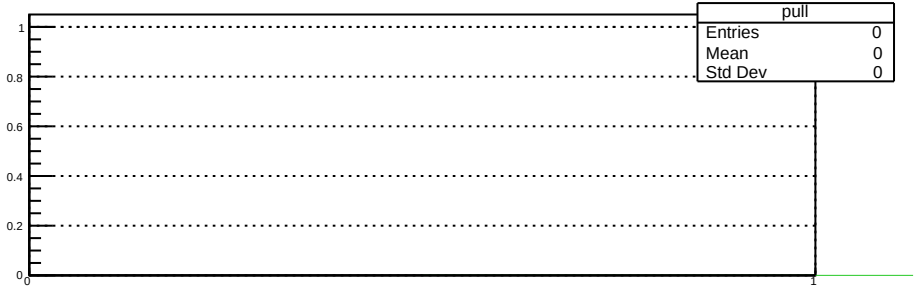

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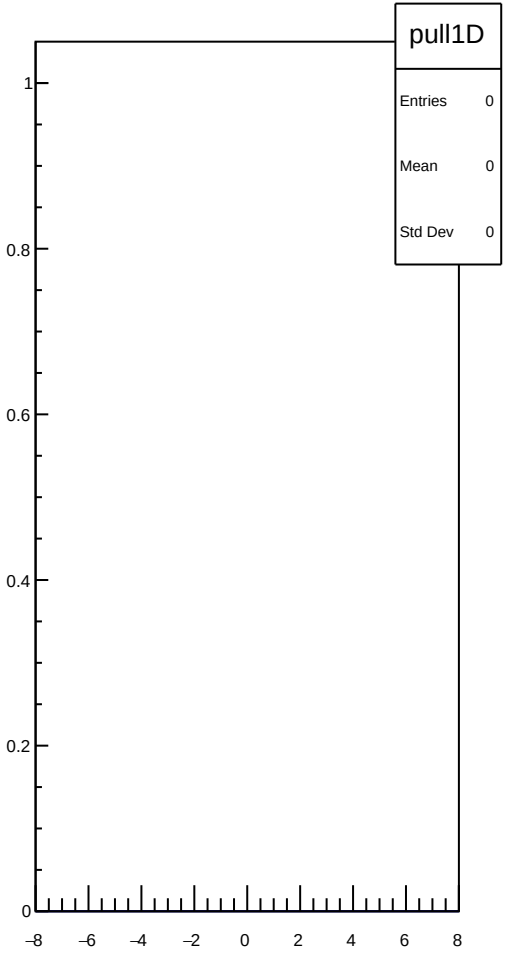

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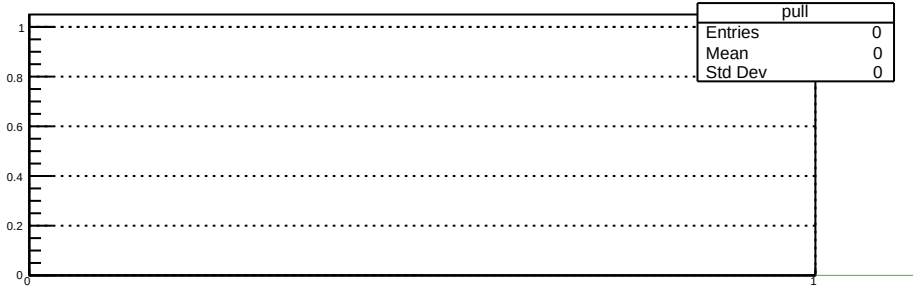

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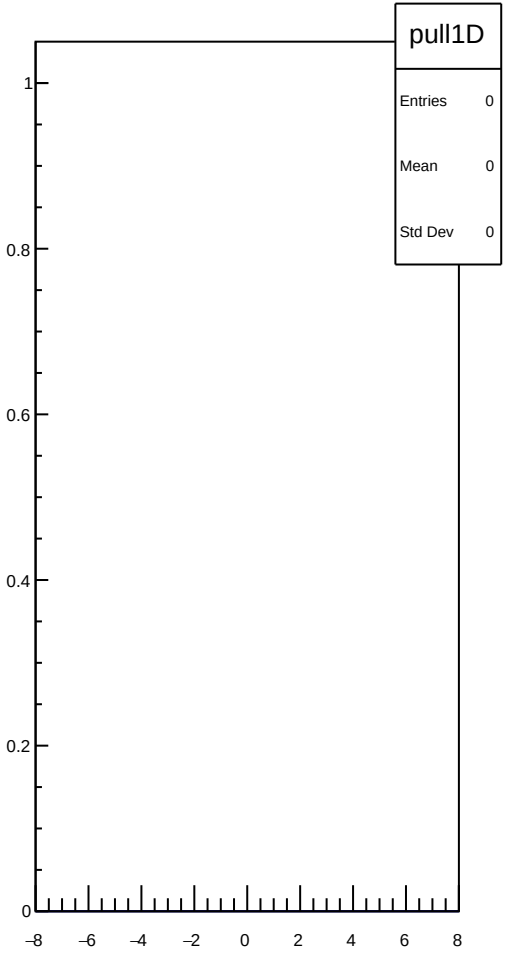

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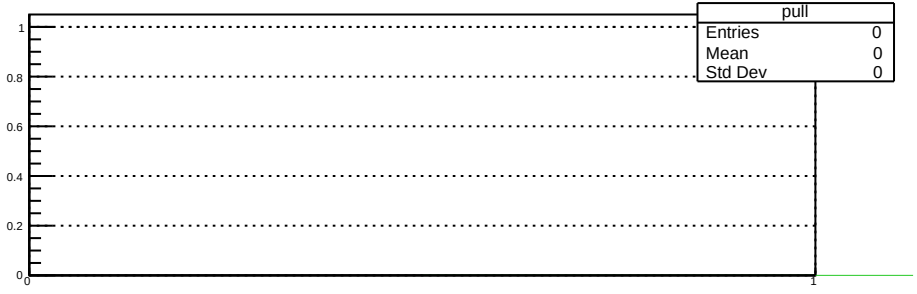

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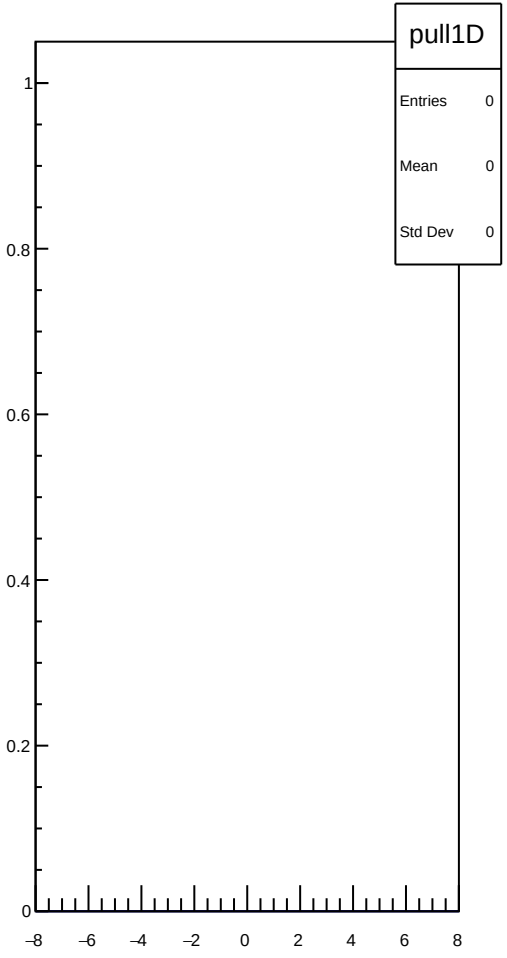

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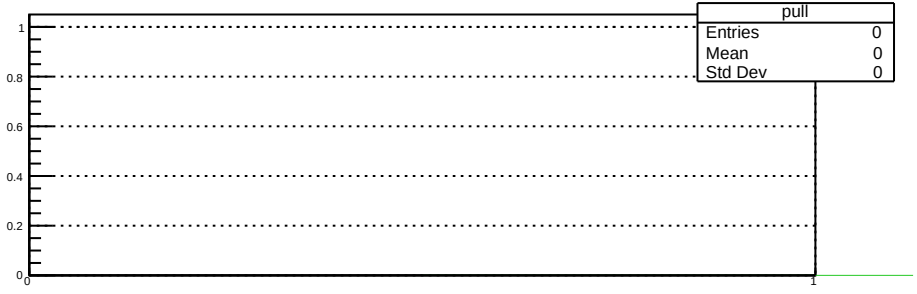

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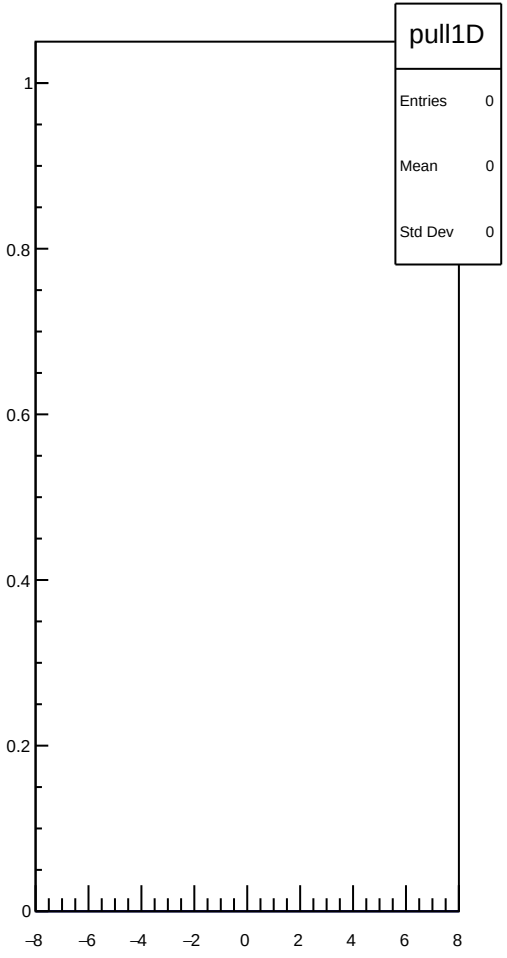

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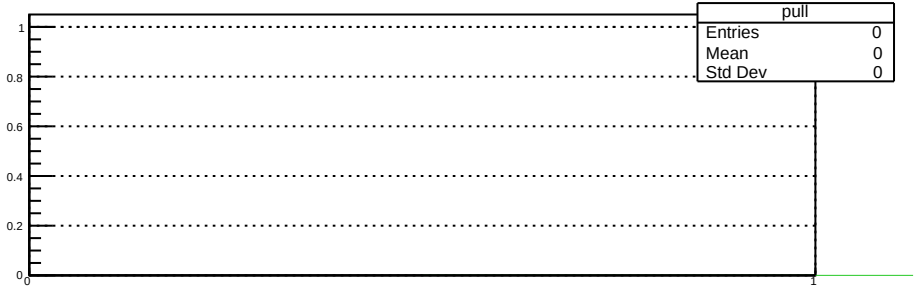

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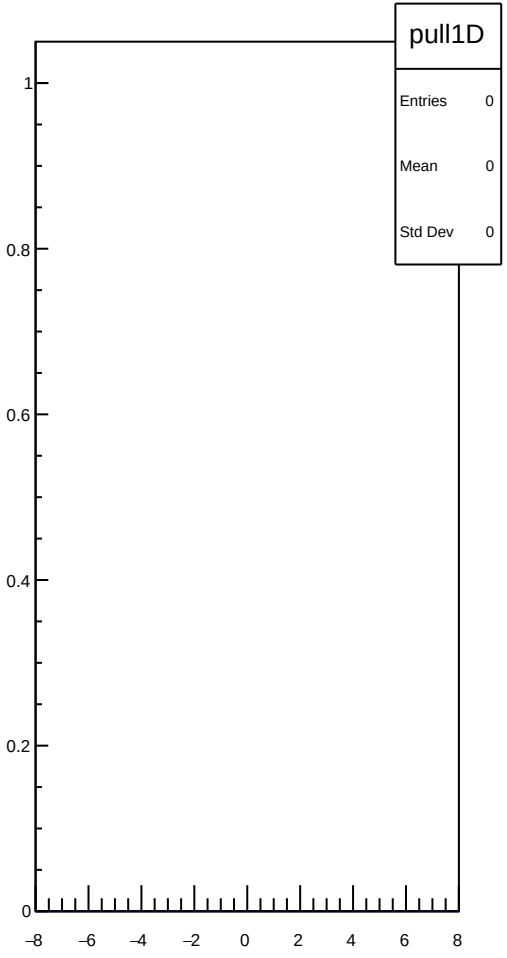

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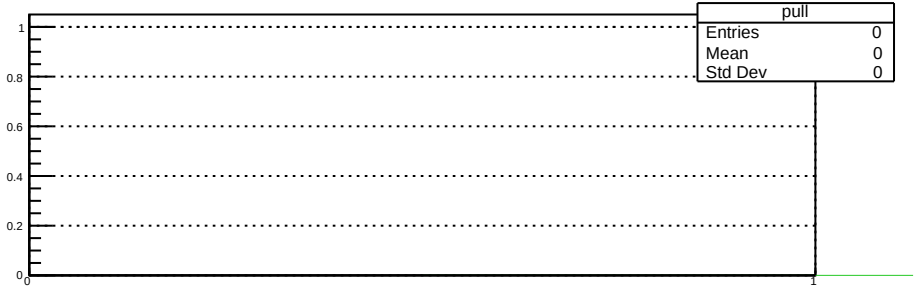

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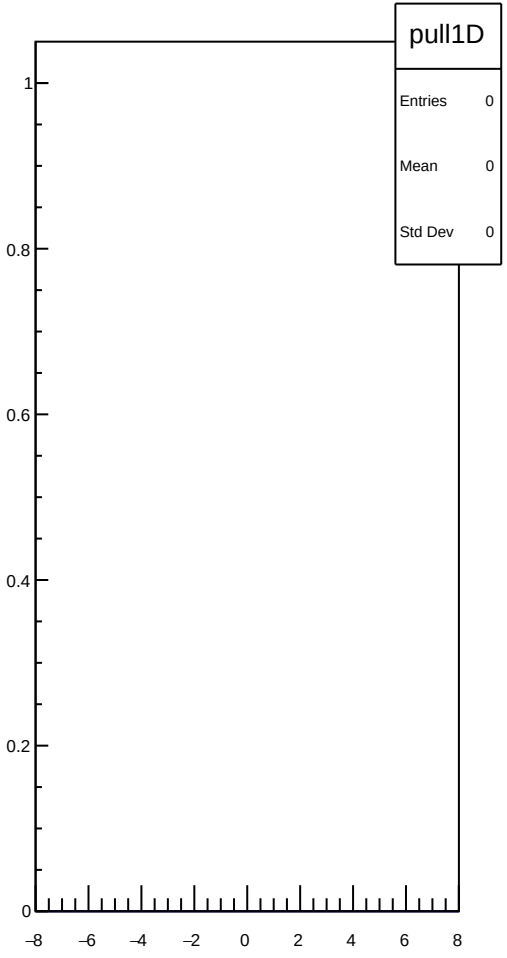

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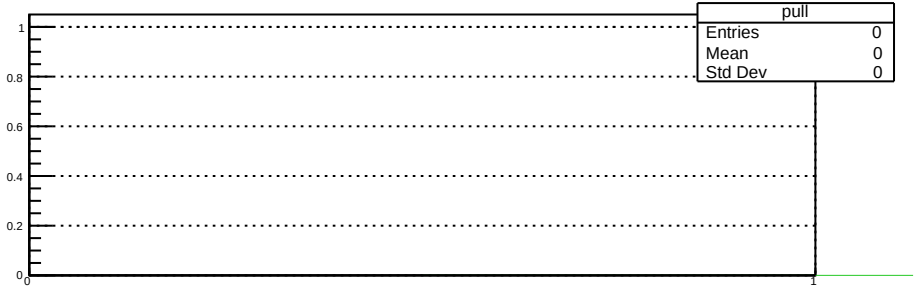

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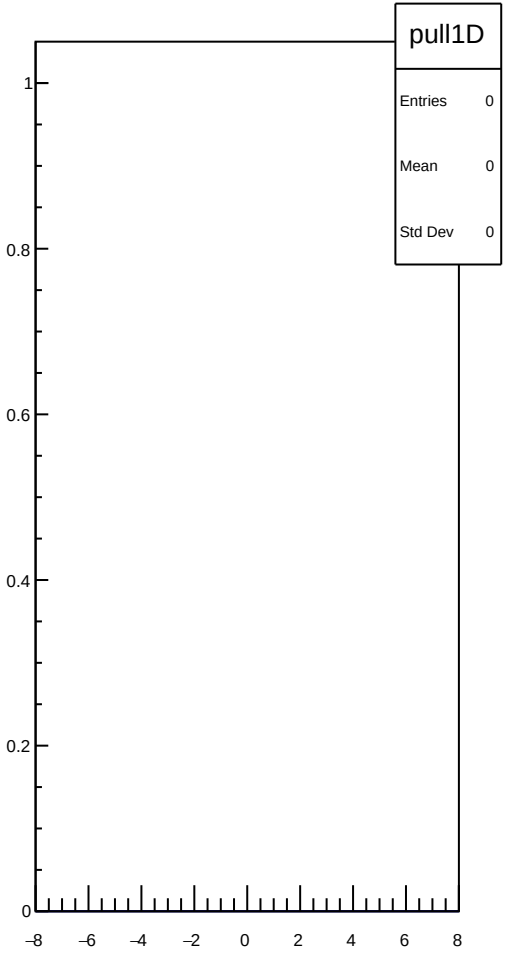

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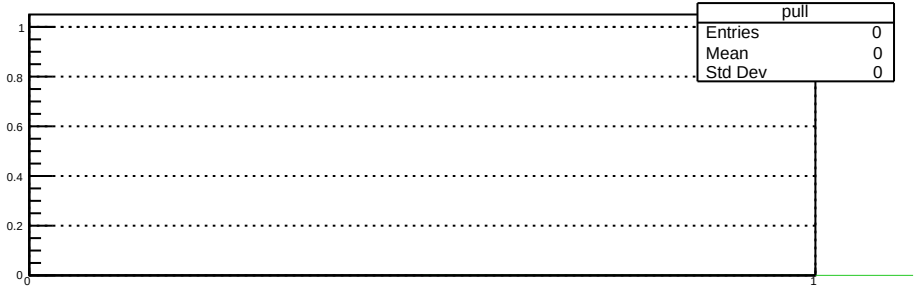

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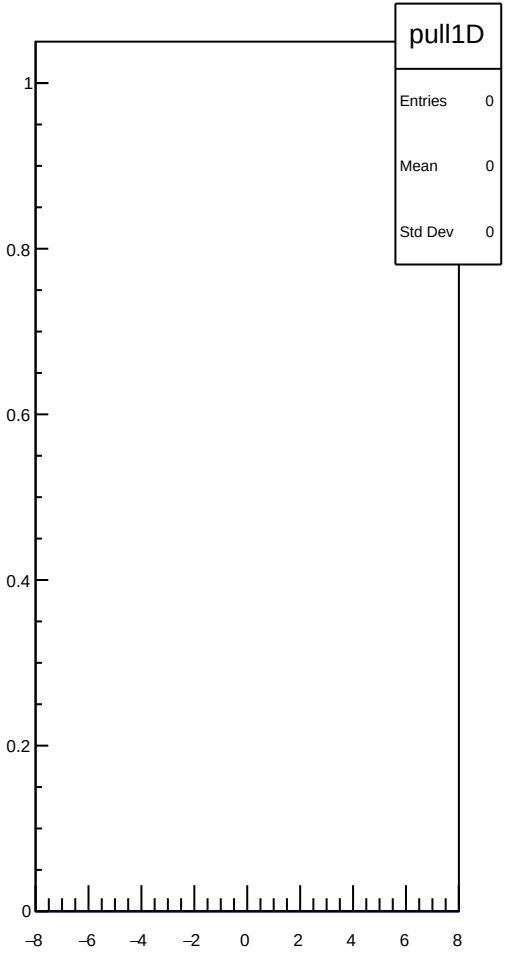

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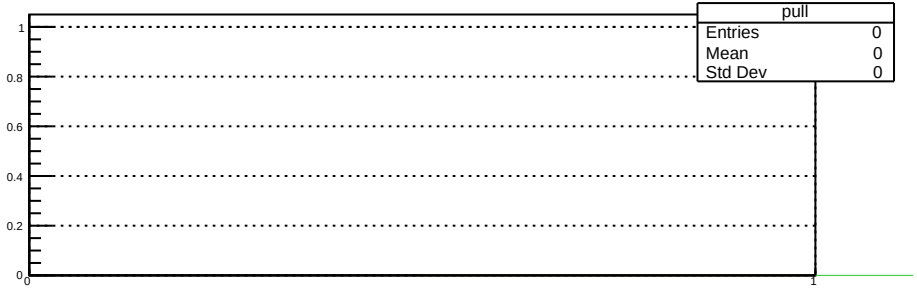

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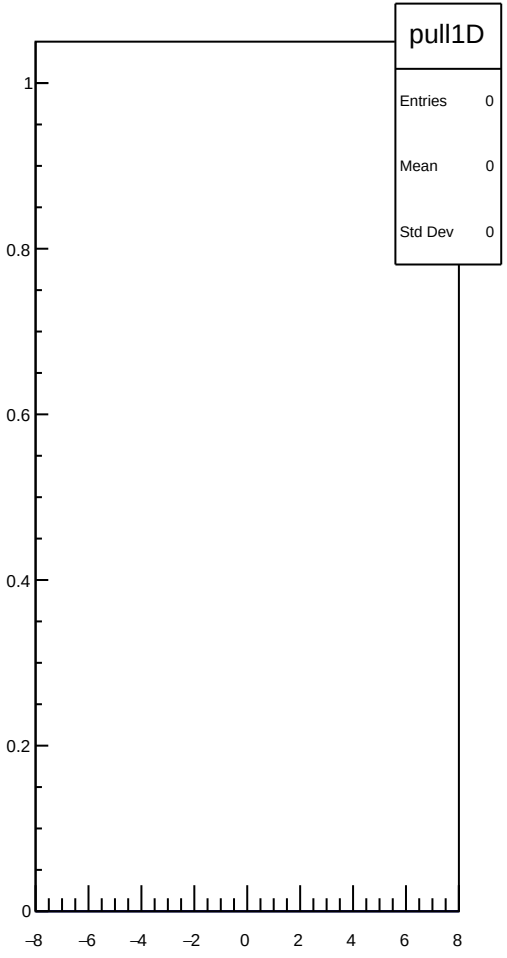

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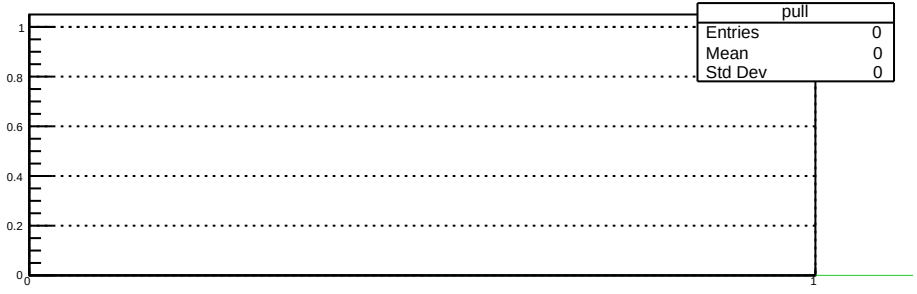

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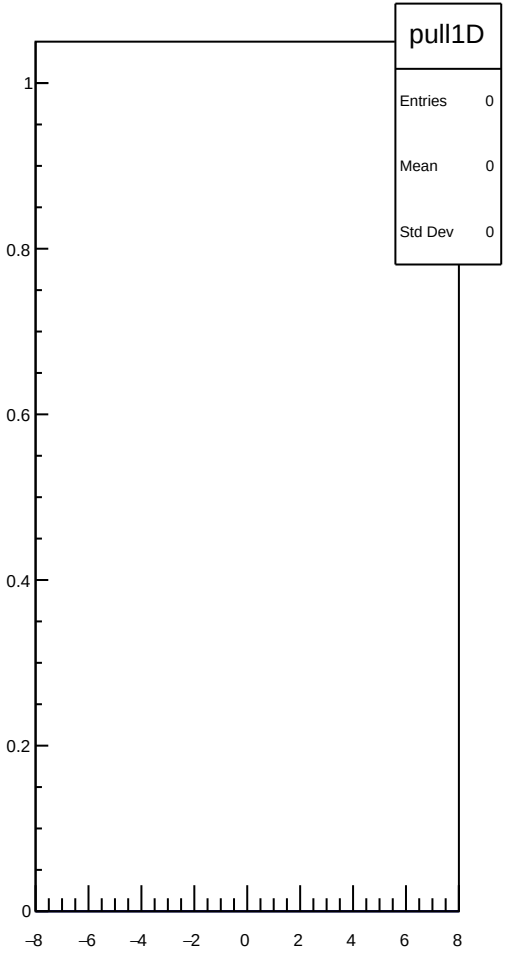

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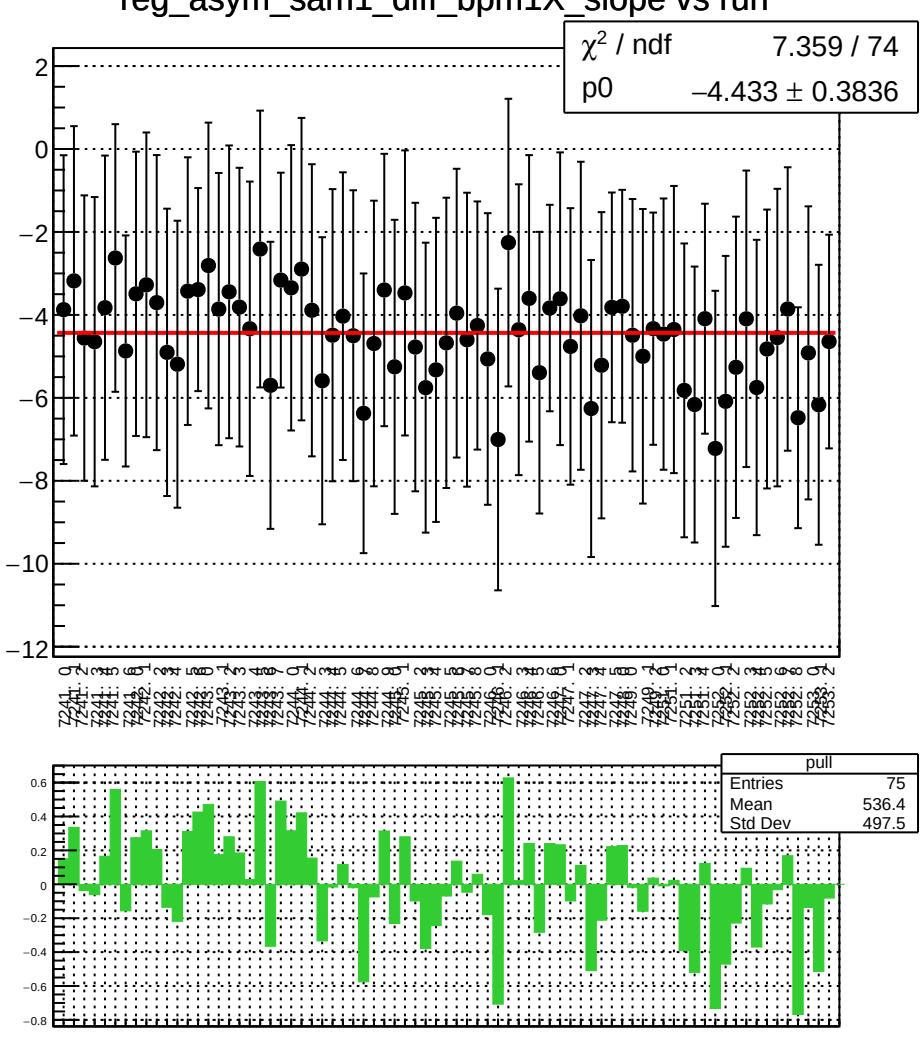

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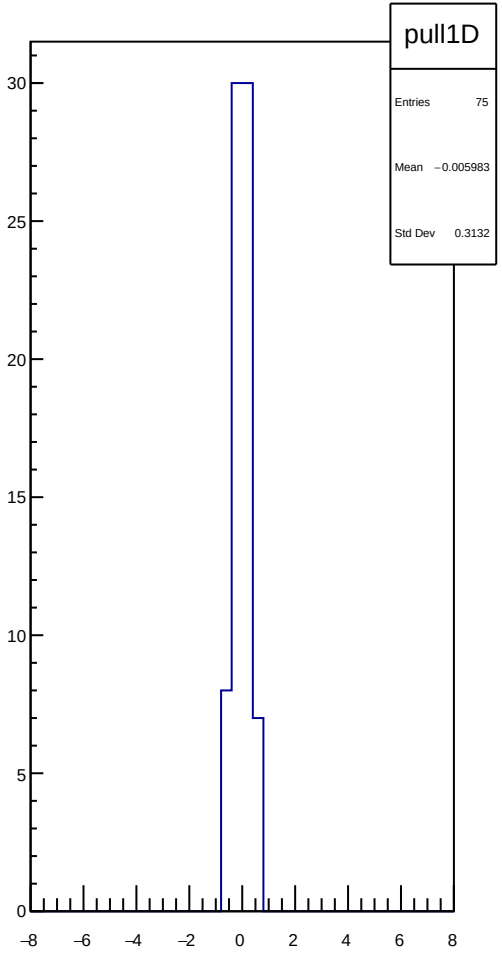

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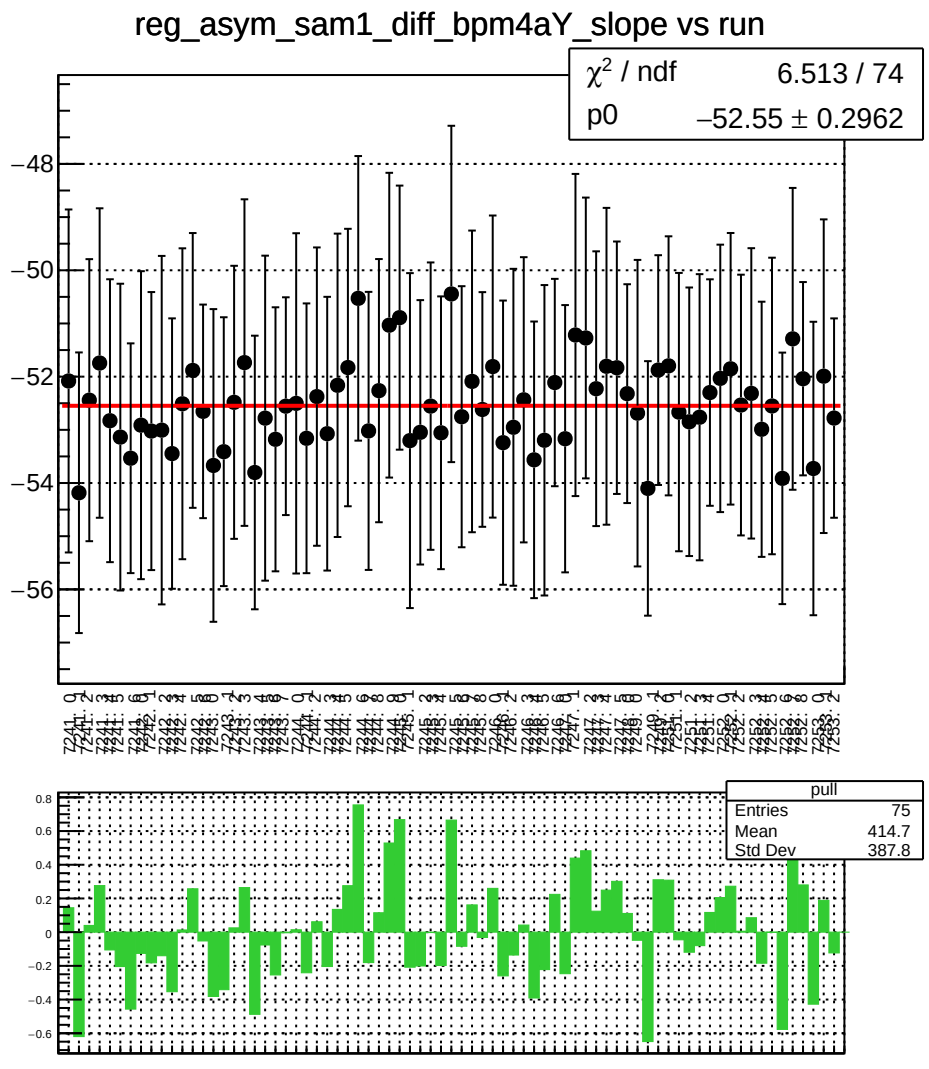

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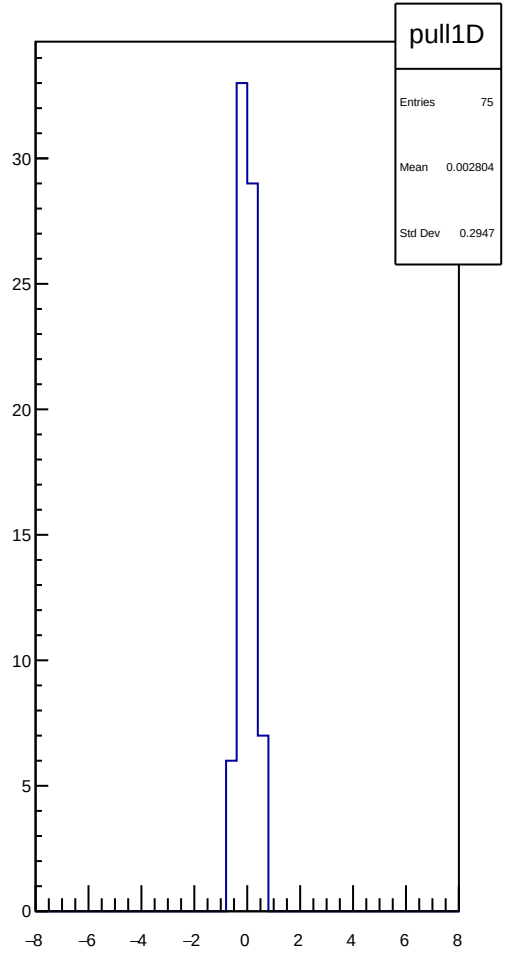

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Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

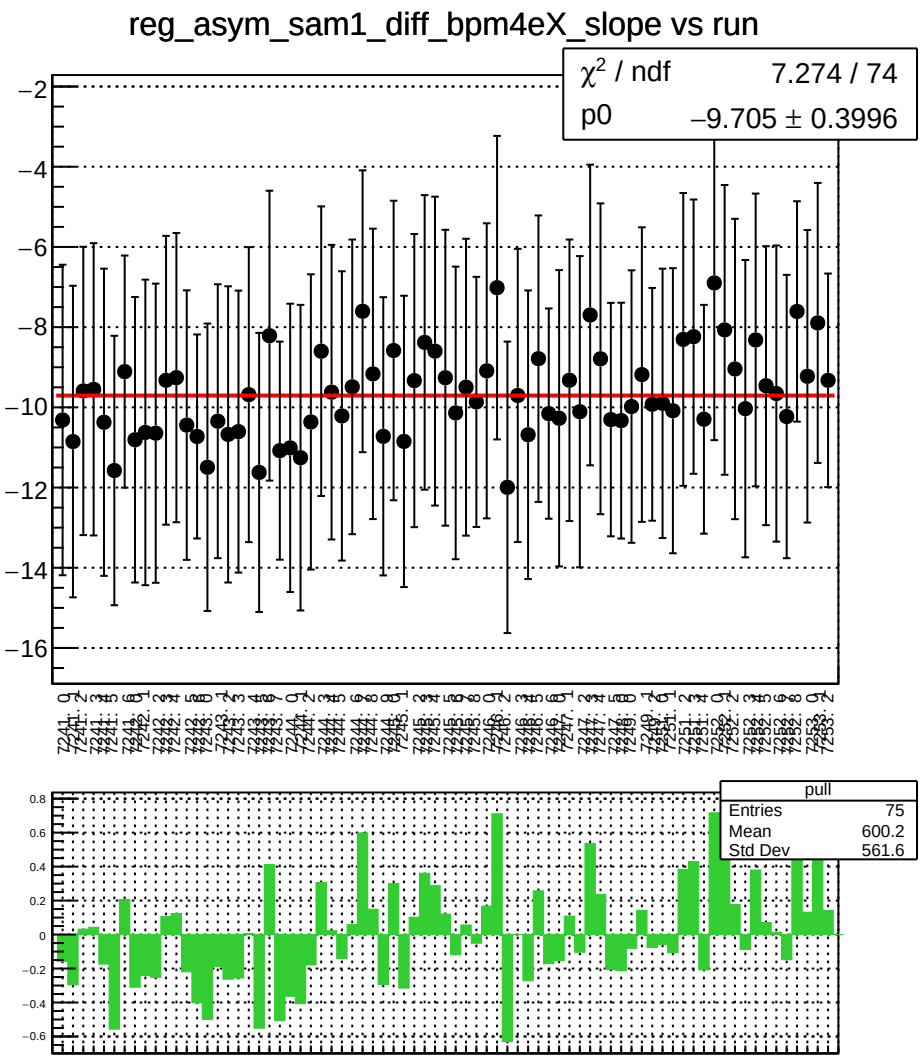

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

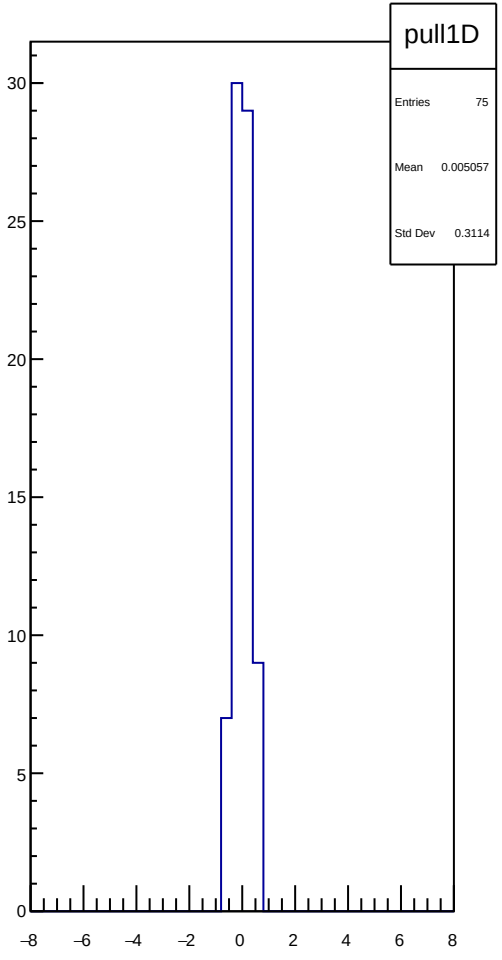

reg_asym_sam1_diff_bpm1X_slope vs run
χ² / ndf 7.359 / 74
p0 −4.433 ± 0.3836
pull
Entries 75
Mean 536.4
Std Dev 497.5

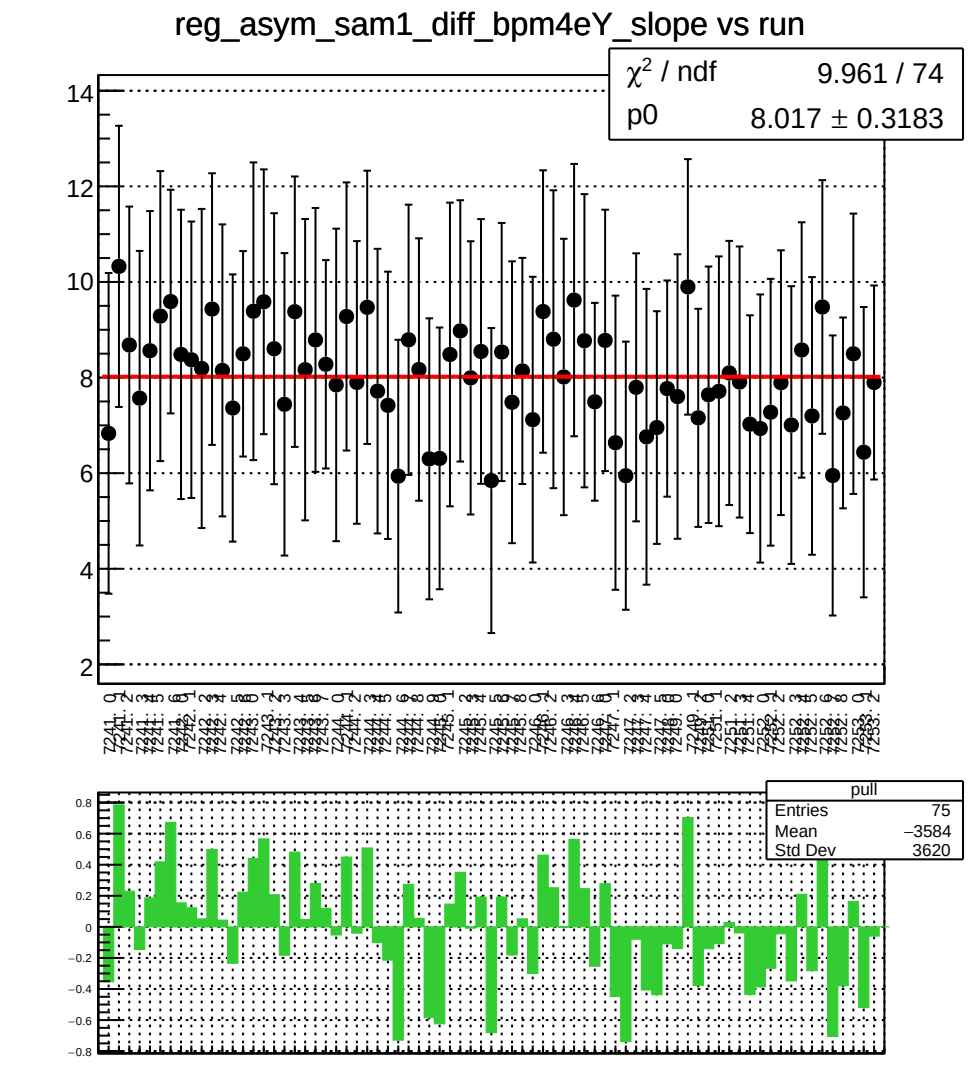

pull1D
Entries 75
Mean −0.005983
Std Dev 0.3132

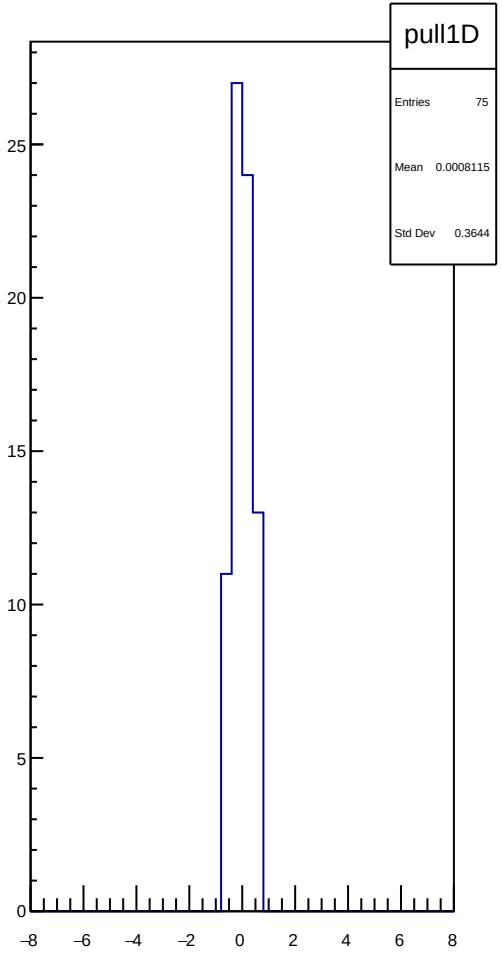

reg_asym_sam1_diff_bpm4aY_slope vs run
χ² / ndf 6.513 / 74
p0 −52.55 ± 0.2962
−48
−50
−52
−54
−56
pull
Entries 75
Mean 414.7
Std Dev 387.8
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

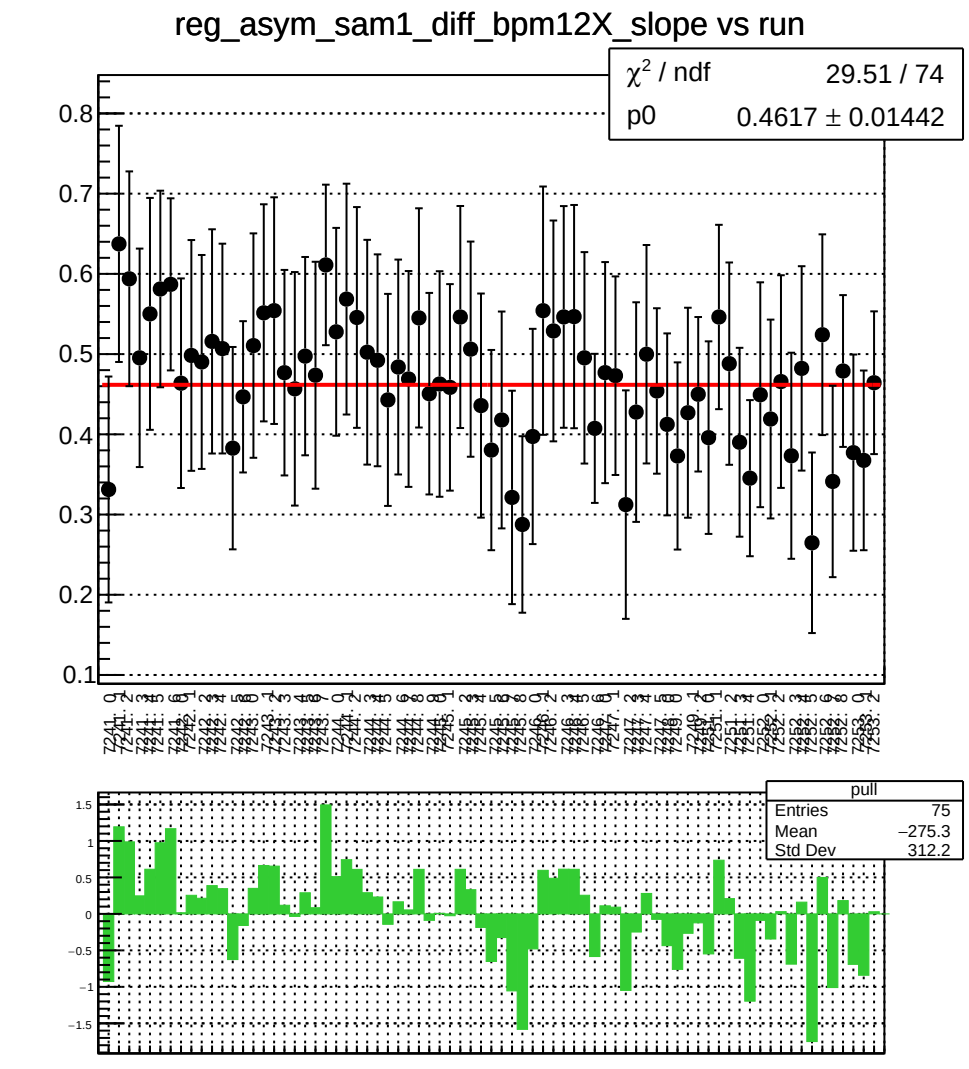

pull1D
Entries 75
Mean 0.002804
Std Dev 0.2947
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

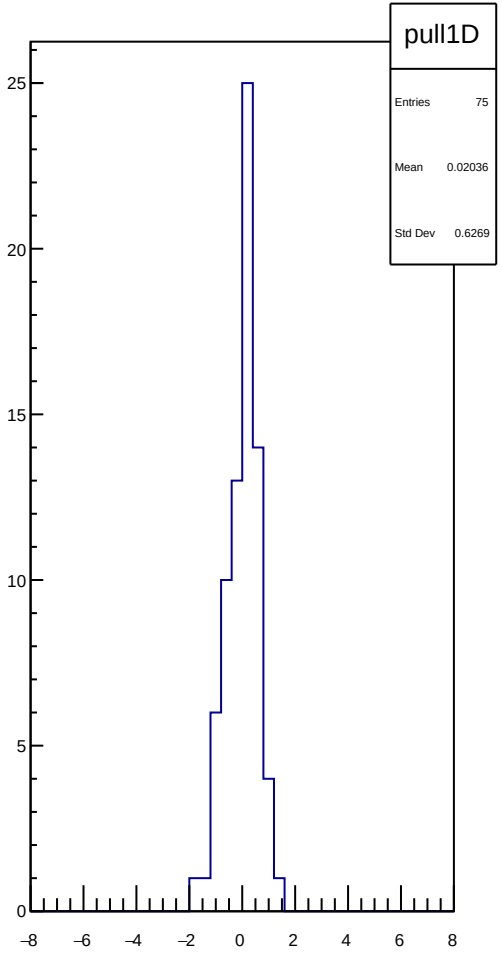

reg_asym_sam1_diff_bpm4eX_slope vs run
χ² / ndf 7.274 / 74
p0 −9.705 ± 0.3996
pull
Entries 75
Mean 600.2
Std Dev 561.6

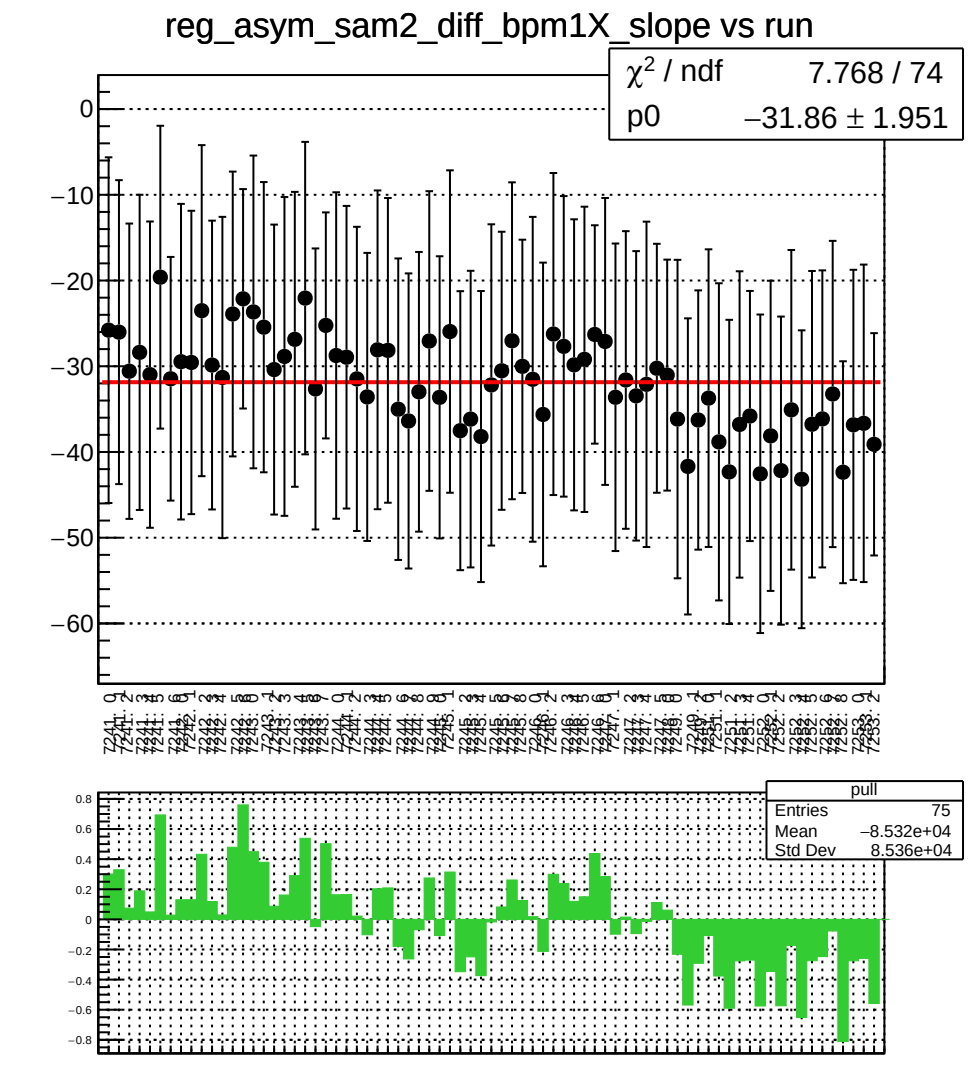

pull1D
Entries 75
Mean 0.005057
Std Dev 0.3114

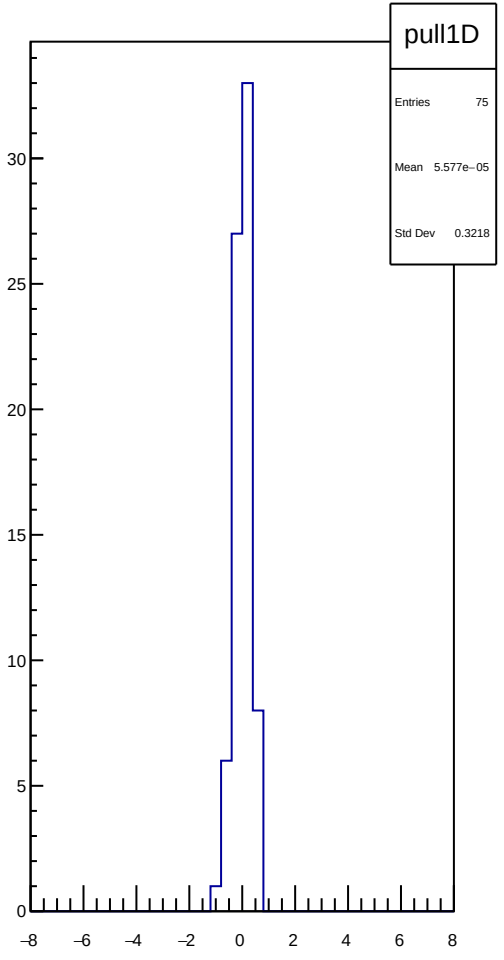

reg_asym_sam1_diff_bpm4eY_slope vs run
χ² / ndf 9.961 / 74
p0 8.017 ± 0.3183
pull
Entries 75
Mean −3584
Std Dev 3620

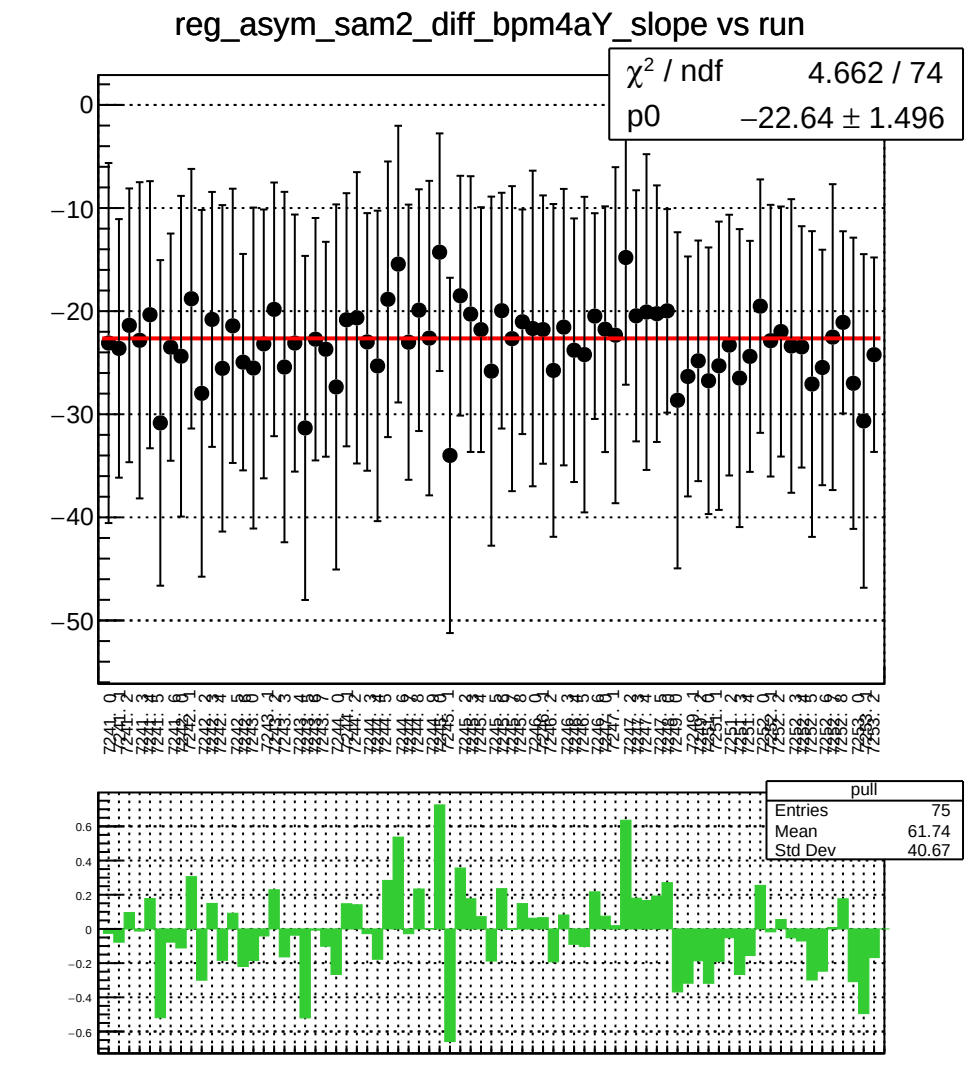

pull1D
Entries 75
Mean 0.0008115
Std Dev 0.3644

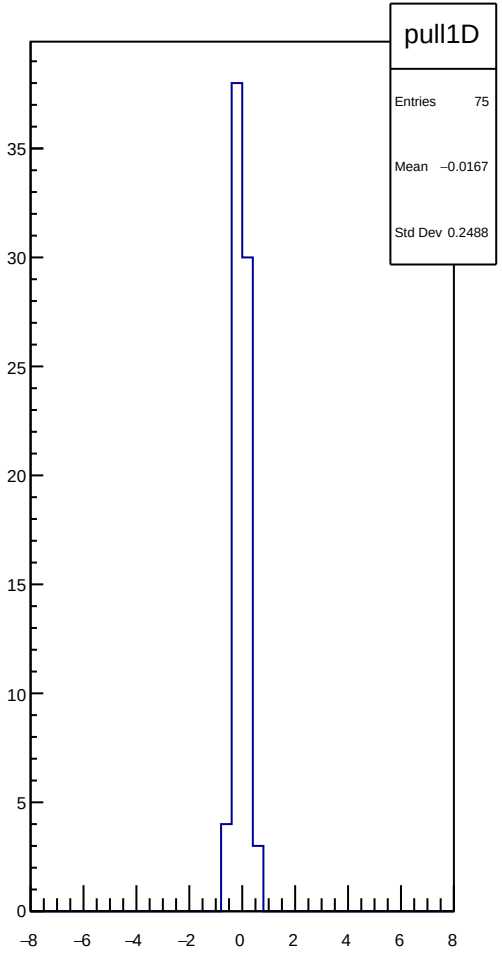

reg_asym_sam1_diff_bpm12X_slope vs run
χ² / ndf 29.51 / 74
p0 0.4617 ± 0.01442
pull
Entries 75
Mean −275.3
Std Dev 312.2

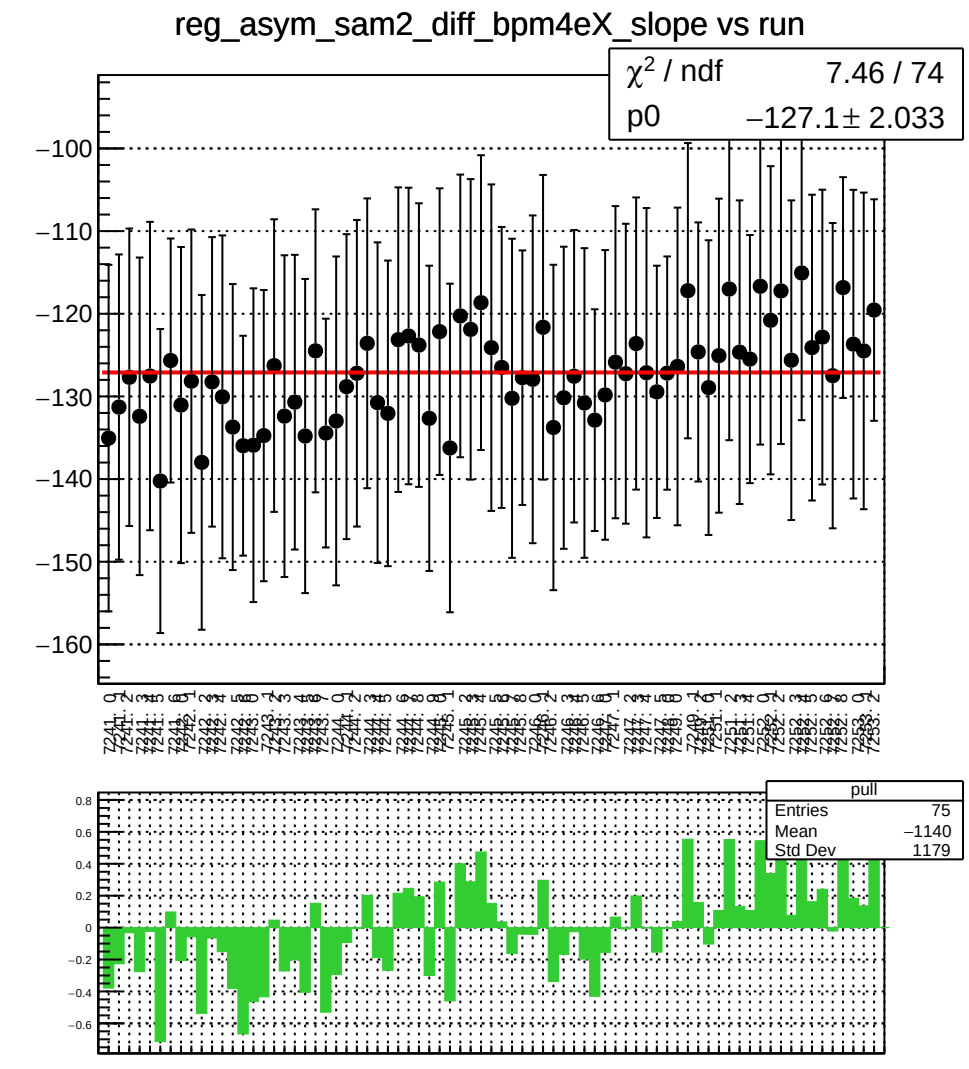

pull1D
Entries 75
Mean 0.02036
Std Dev 0.6269

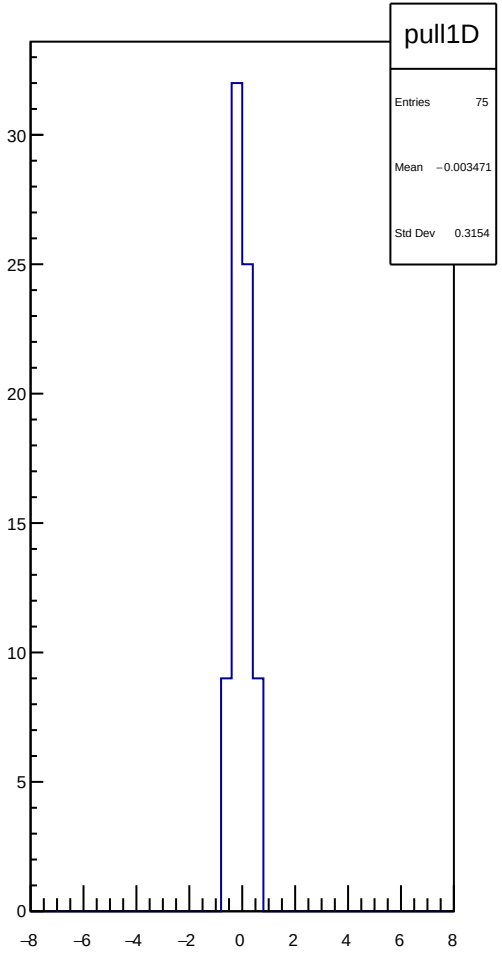

reg_asym_sam2_diff_bpm1X_slope vs run
χ² / ndf 7.768 / 74
p0 −31.86 ± 1.951
pull
Entries 75
Mean −8.532e+04
Std Dev 8.536e+04

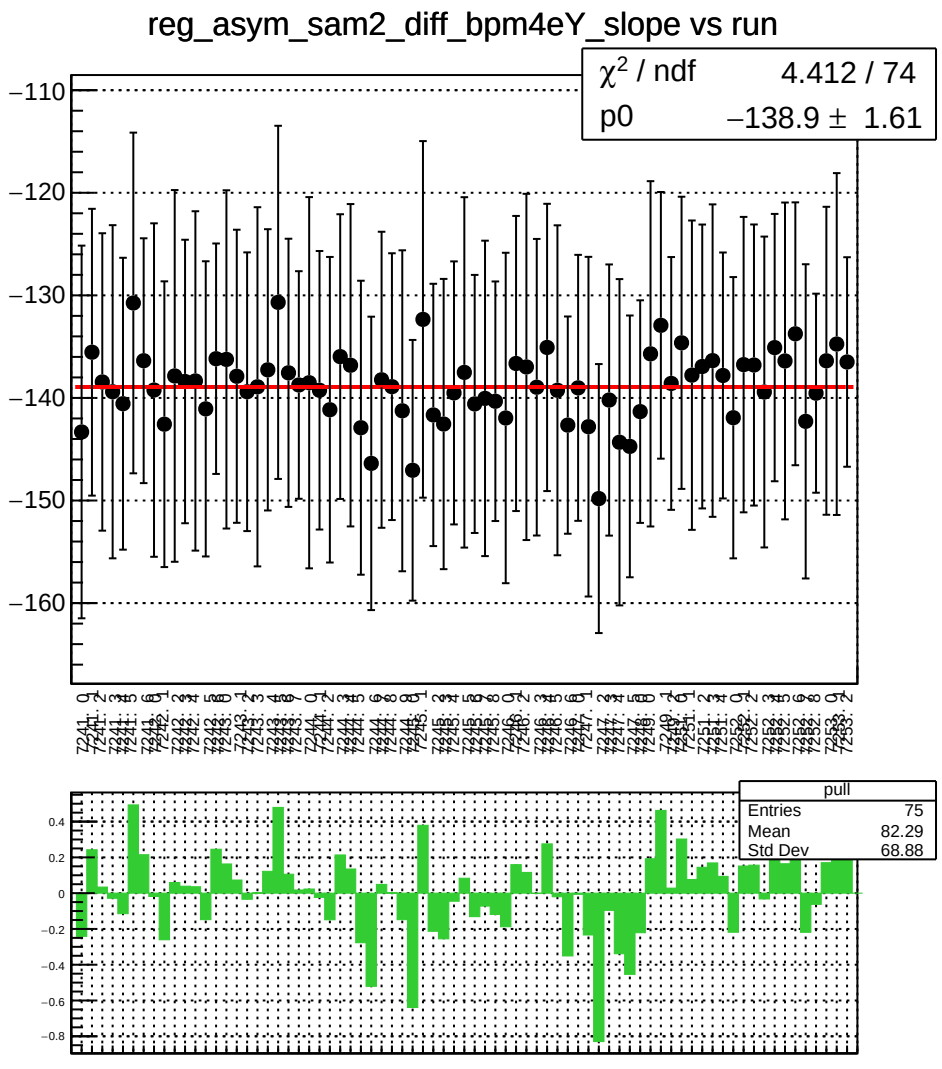

pull1D
Entries 75
Mean 5.577e−05
Std Dev 0.3218

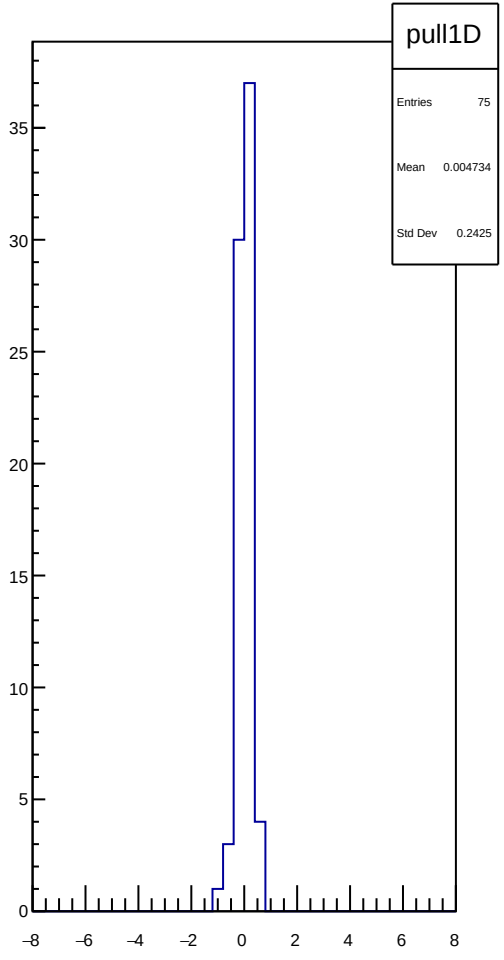

reg_asym_sam2_diff_bpm4aY_slope vs run
χ² / ndf 4.662 / 74
p0 −22.64 ± 1.496
pull
Entries 75
Mean 61.74
Std Dev 40.67

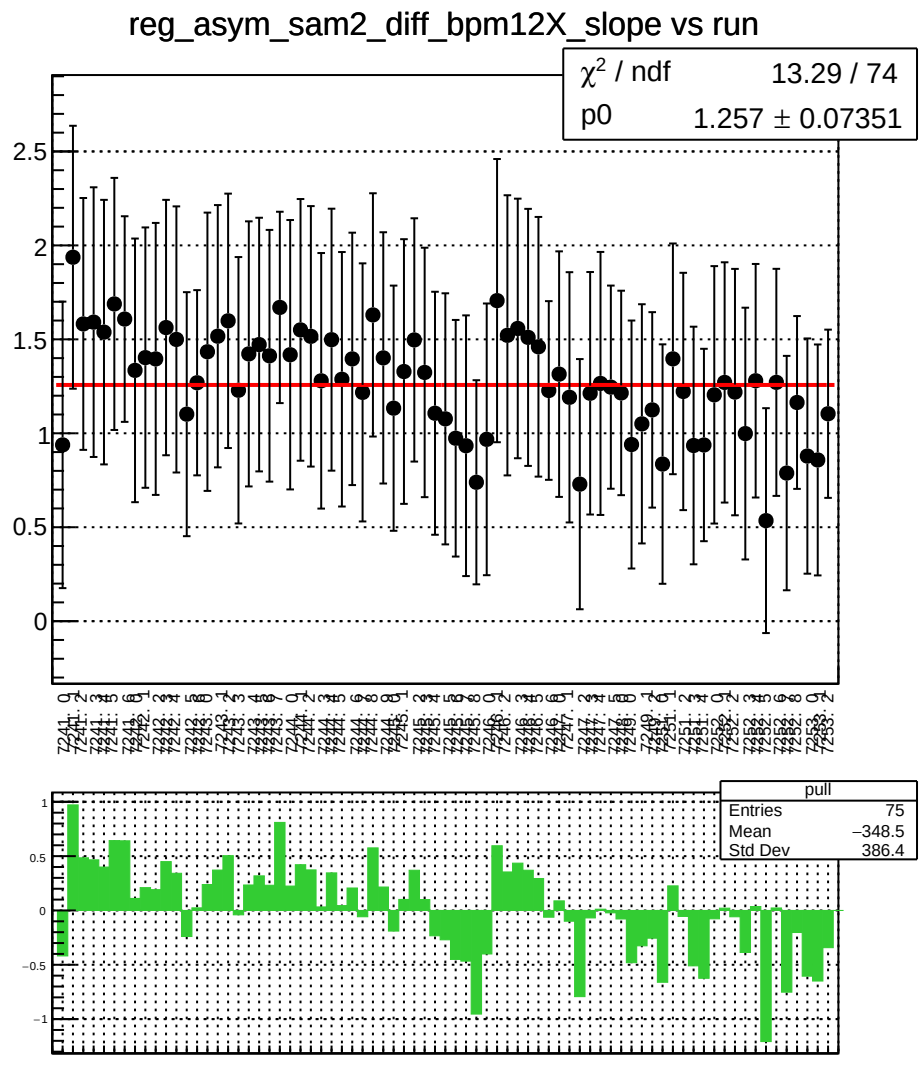

pull1D
Entries 75
Mean −0.0167
Std Dev 0.2488

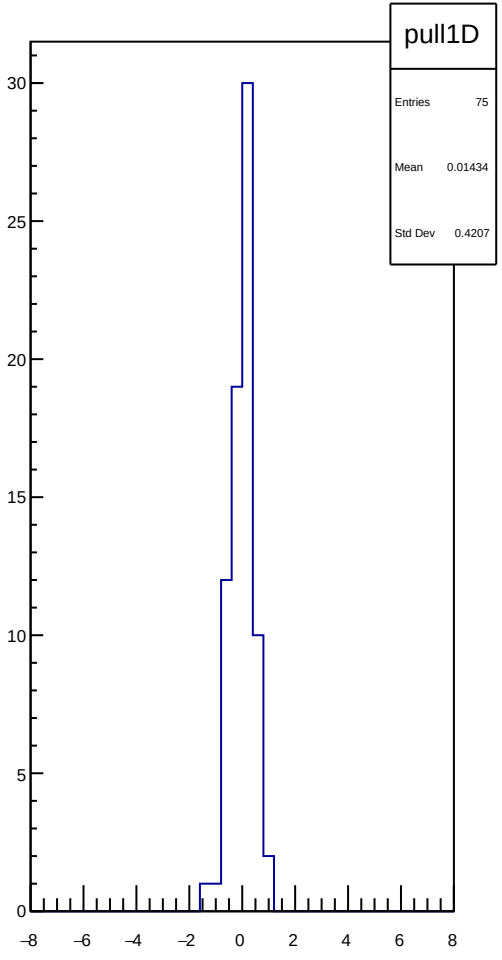

reg_asym_sam2_diff_bpm4eX_slope vs run
χ² / ndf 7.46 / 74
p0 −127.1± 2.033
pull
Entries 75
Mean −1140
Std Dev 1179

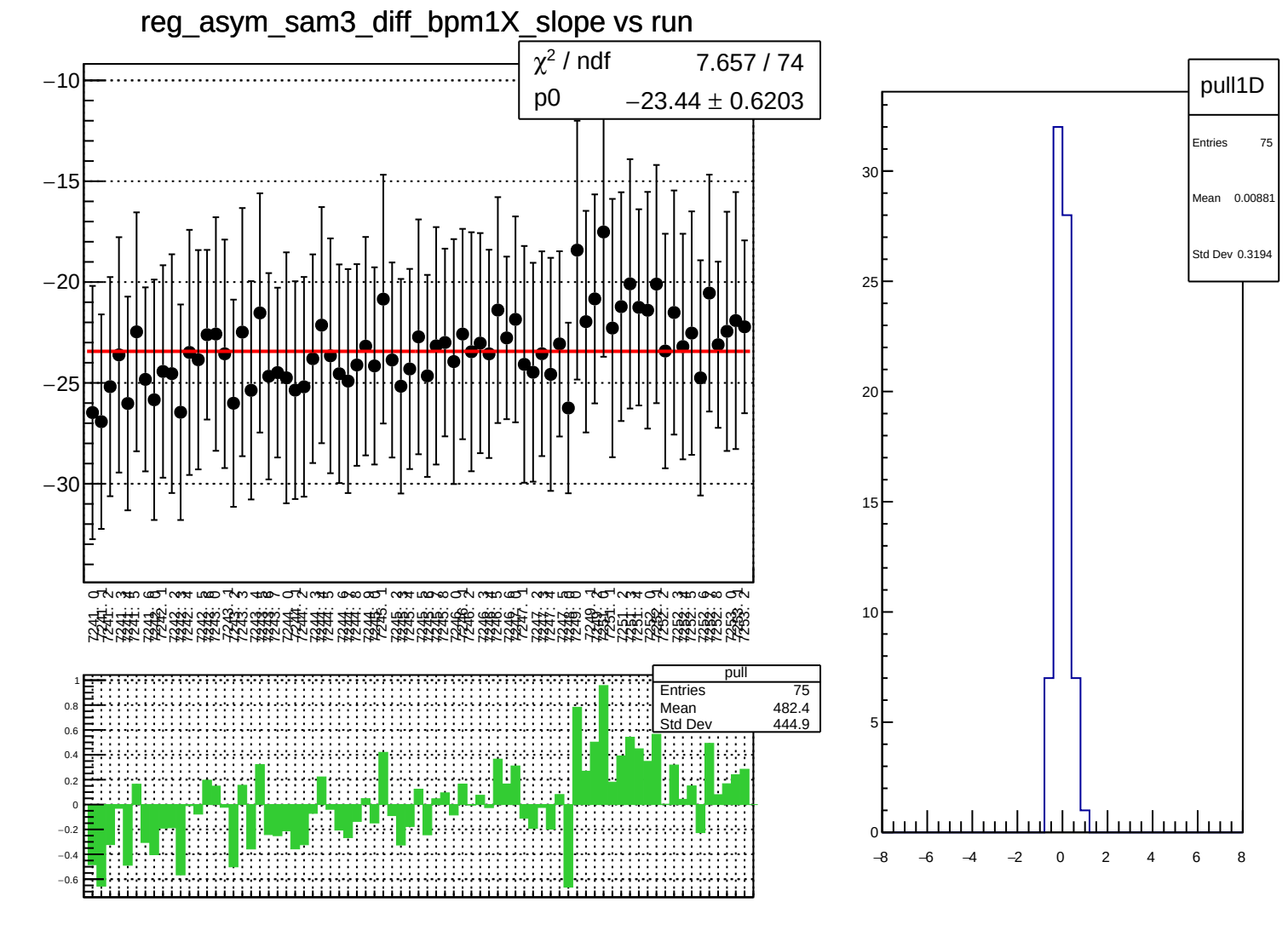

pull1D
Entries 75
Mean −0.003471
Std Dev 0.3154

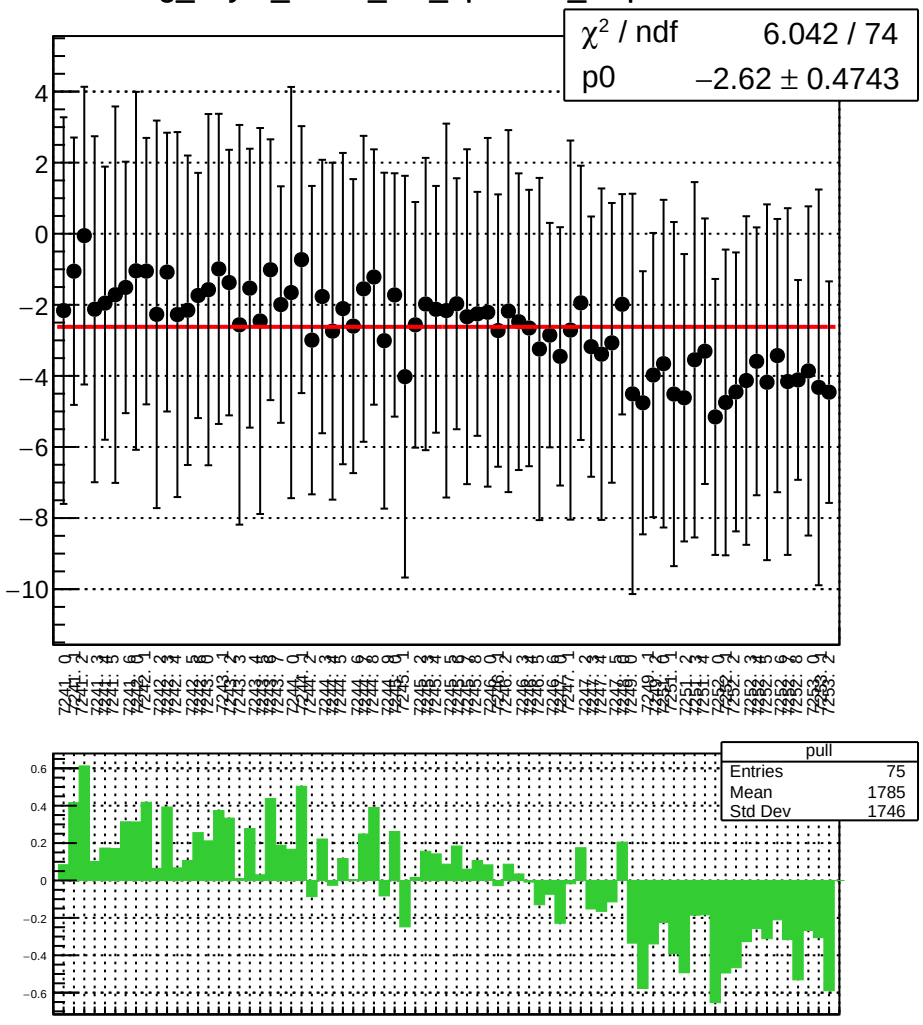

reg_asym_sam2_diff_bpm4eY_slope vs run
χ² / ndf 4.412 / 74
p0 −138.9 ± 1.61
−110
−120
−130
−140
−150
−160
pull
Entries 75
Mean 82.29
Std Dev 68.88
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

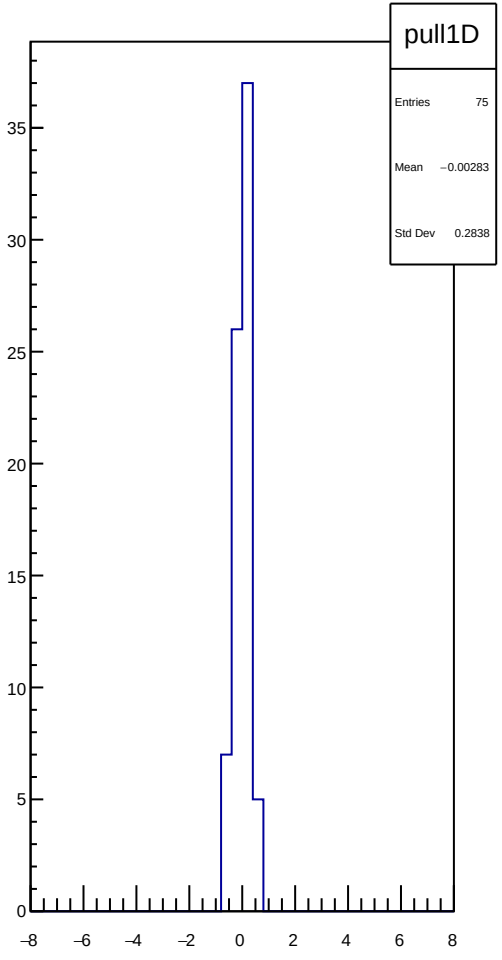

pull1D
Entries 75
Mean 0.004734
Std Dev 0.2425
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

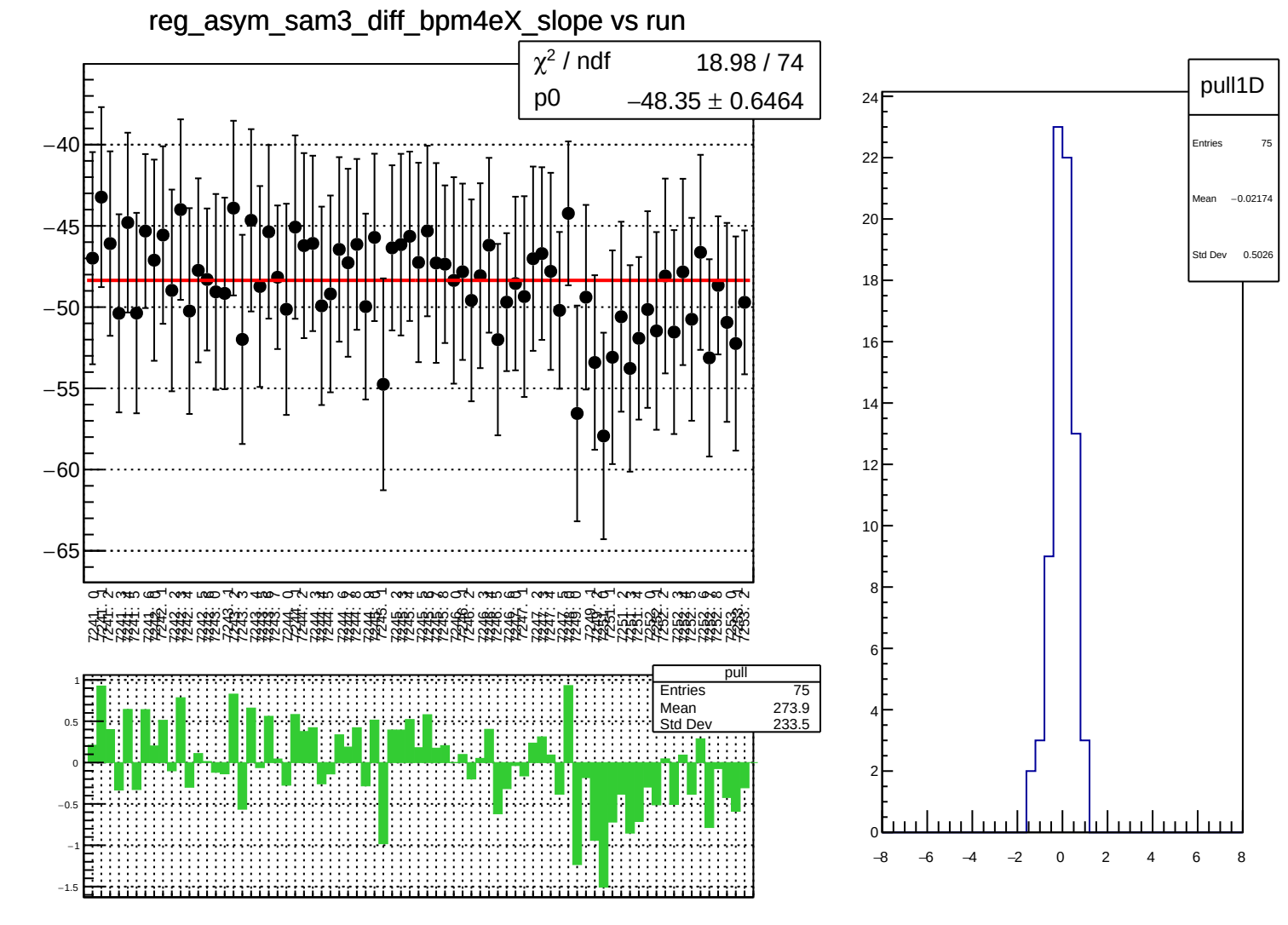

reg_asym_sam2_diff_bpm12X_slope vs run
χ² / ndf 13.29 / 74
p0 1.257 ± 0.07351
pull
Entries 75
Mean −348.5
Std Dev 386.4

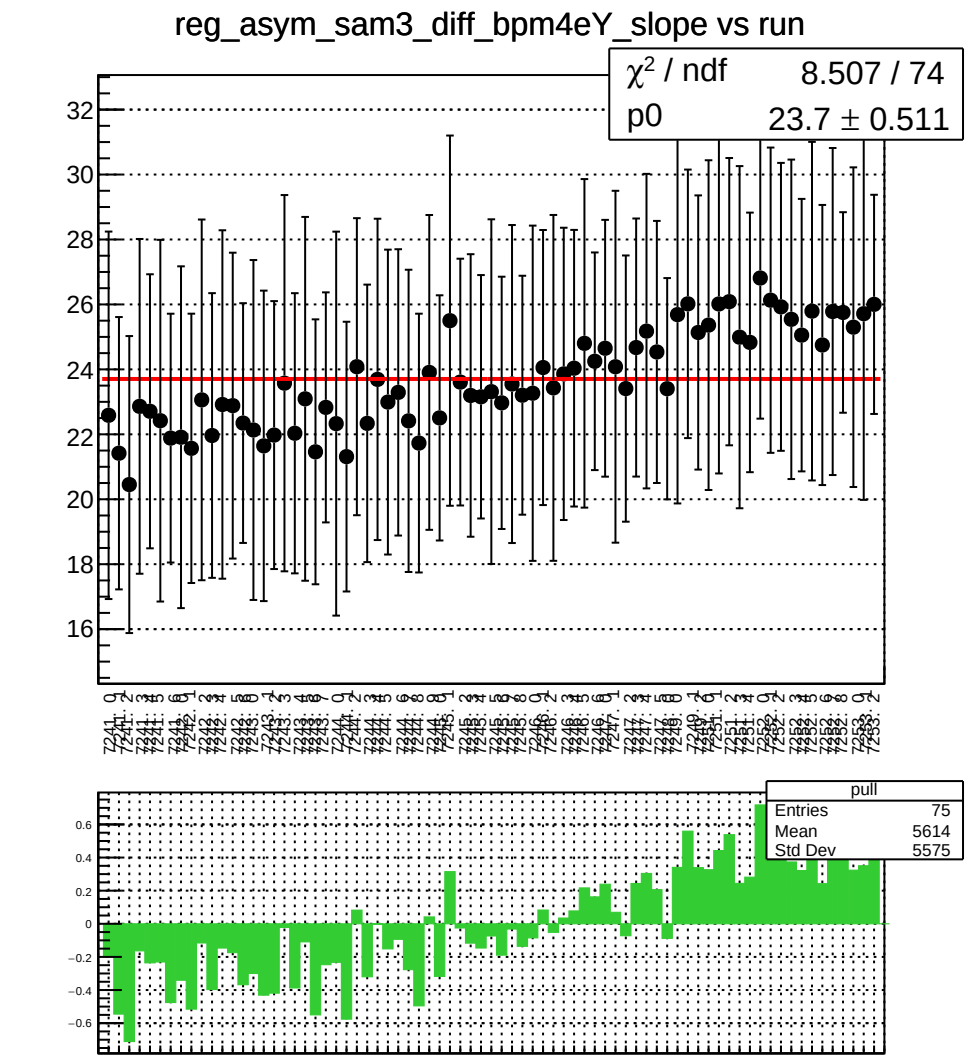

pull1D
Entries 75
Mean 0.01434
Std Dev 0.4207

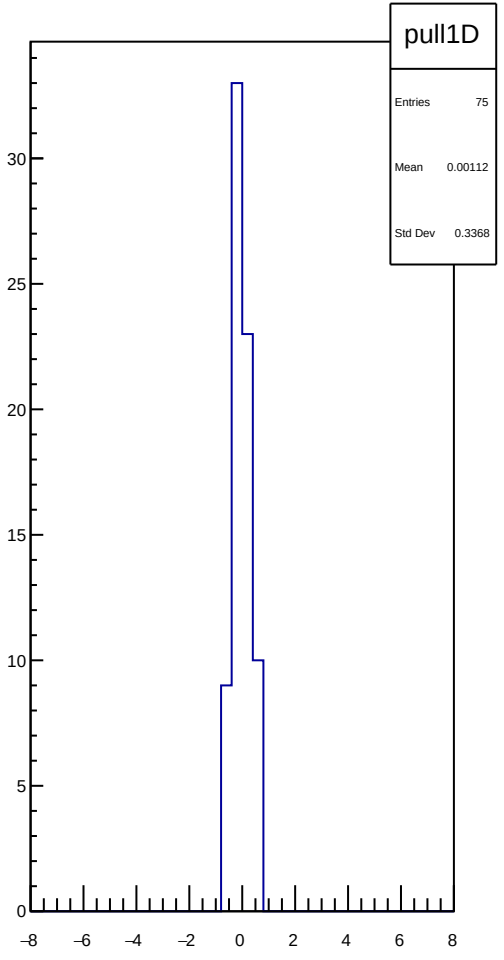

reg_asym_sam3_diff_bpm1X_slope vs run
χ² / ndf 7.657 / 74
p0 −23.44 ± 0.6203
pull
Entries 75
Mean 482.4
Std Dev 444.9
pull1D
Entries 75
Mean 0.00881
Std Dev 0.3194

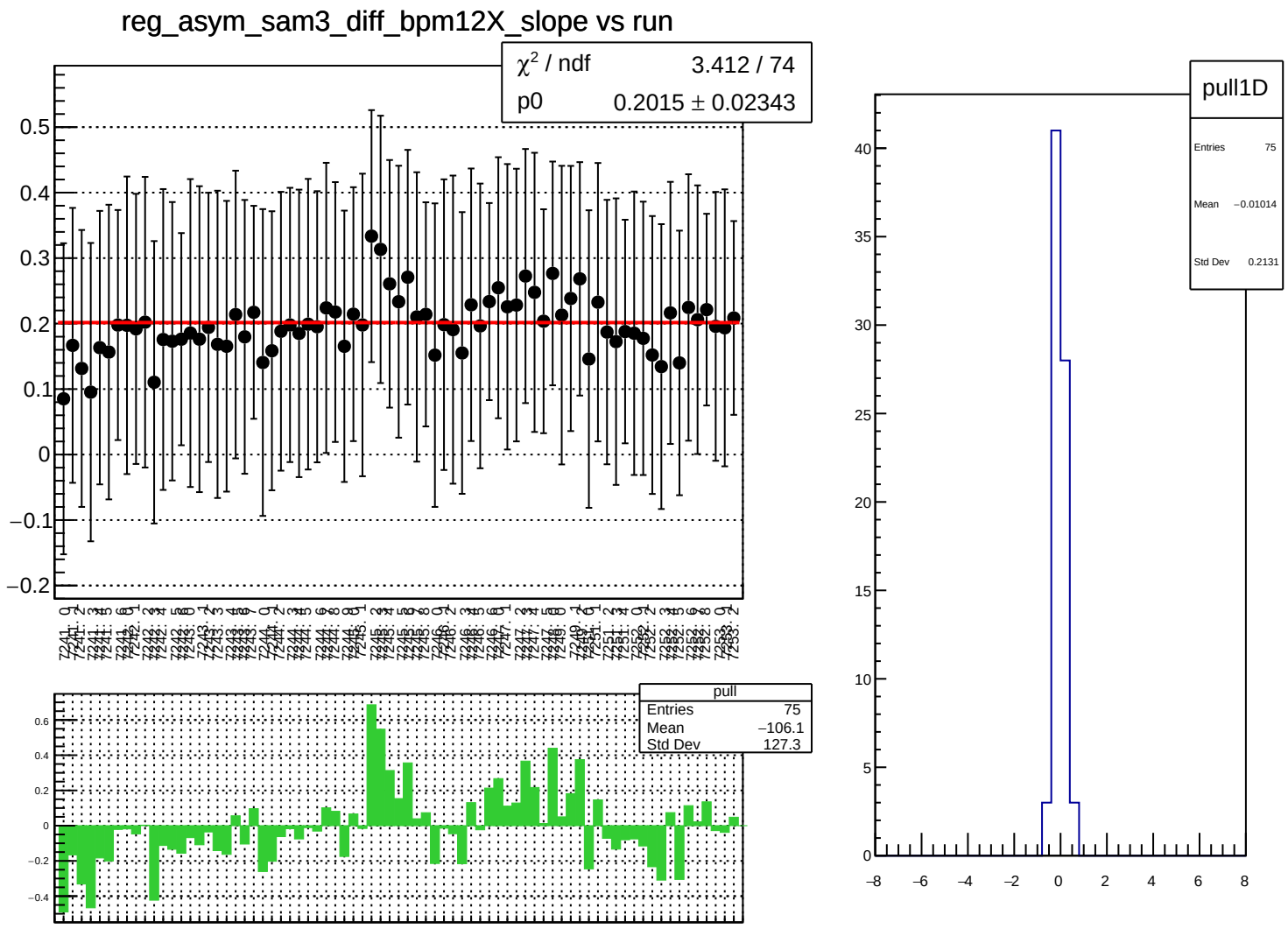

reg_asym_sam3_diff_bpm4aY_slope vs run
χ² / ndf 6.042 / 74
p0 −2.62 ± 0.4743
pull
Entries 75
Mean 1785
Std Dev 1746

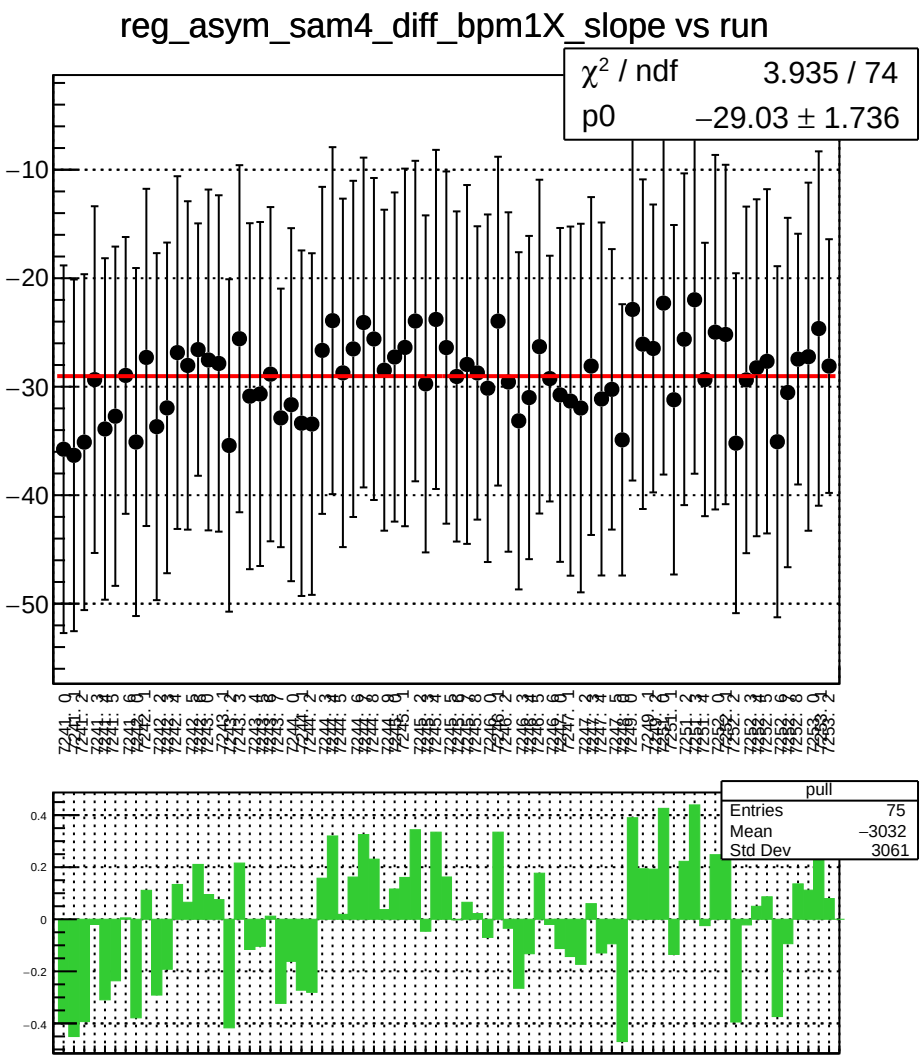

pull1D
Entries 75
Mean −0.00283
Std Dev 0.2838

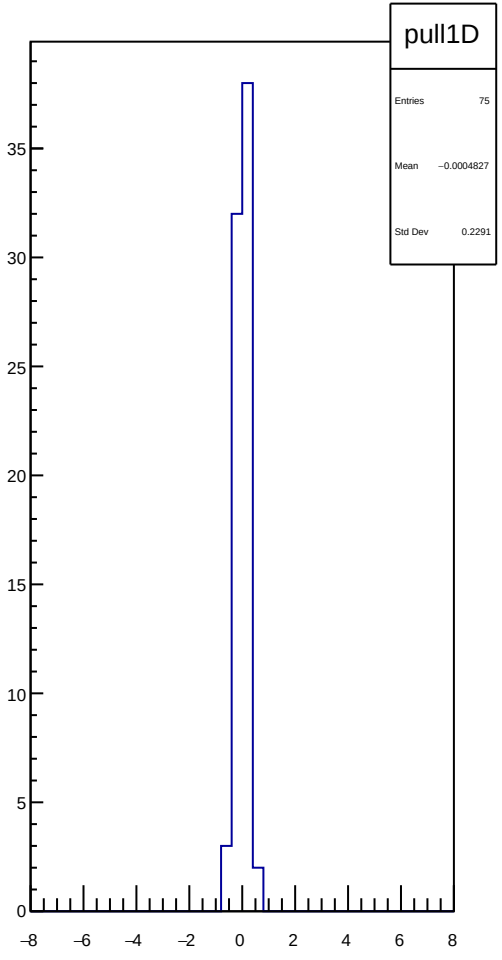

reg_asym_sam3_diff_bpm4eX_slope vs run
χ² / ndf 18.98 / 74
p0 −48.35 ± 0.6464
pull
Entries 75
Mean 273.9
Std Dev 233.5
pull1D
Entries 75
Mean −0.02174
Std Dev 0.5026

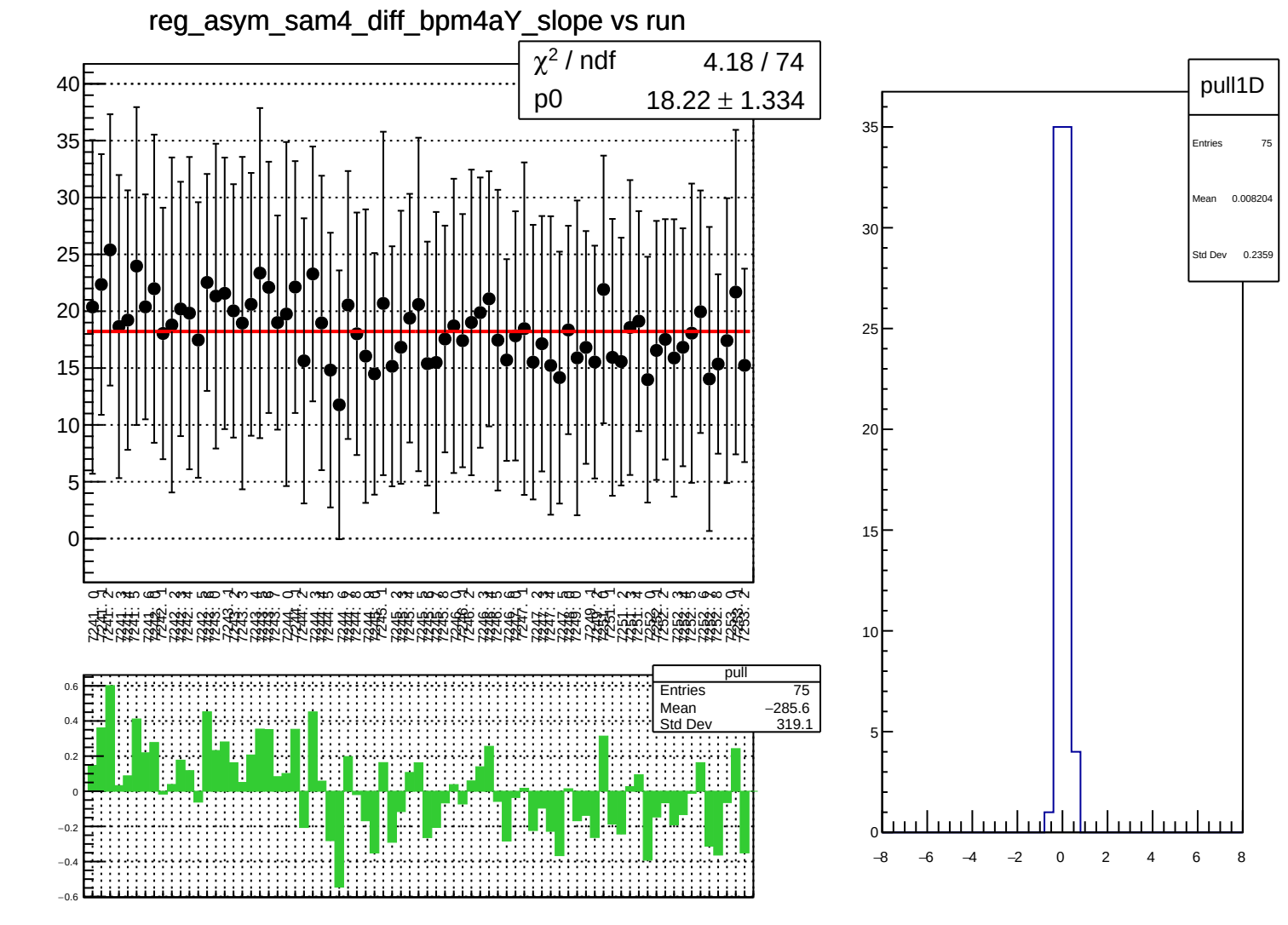

reg_asym_sam3_diff_bpm4eY_slope vs run
χ² / ndf 8.507 / 74
p0 23.7 ± 0.511
pull
Entries 75
Mean 5614
Std Dev 5575

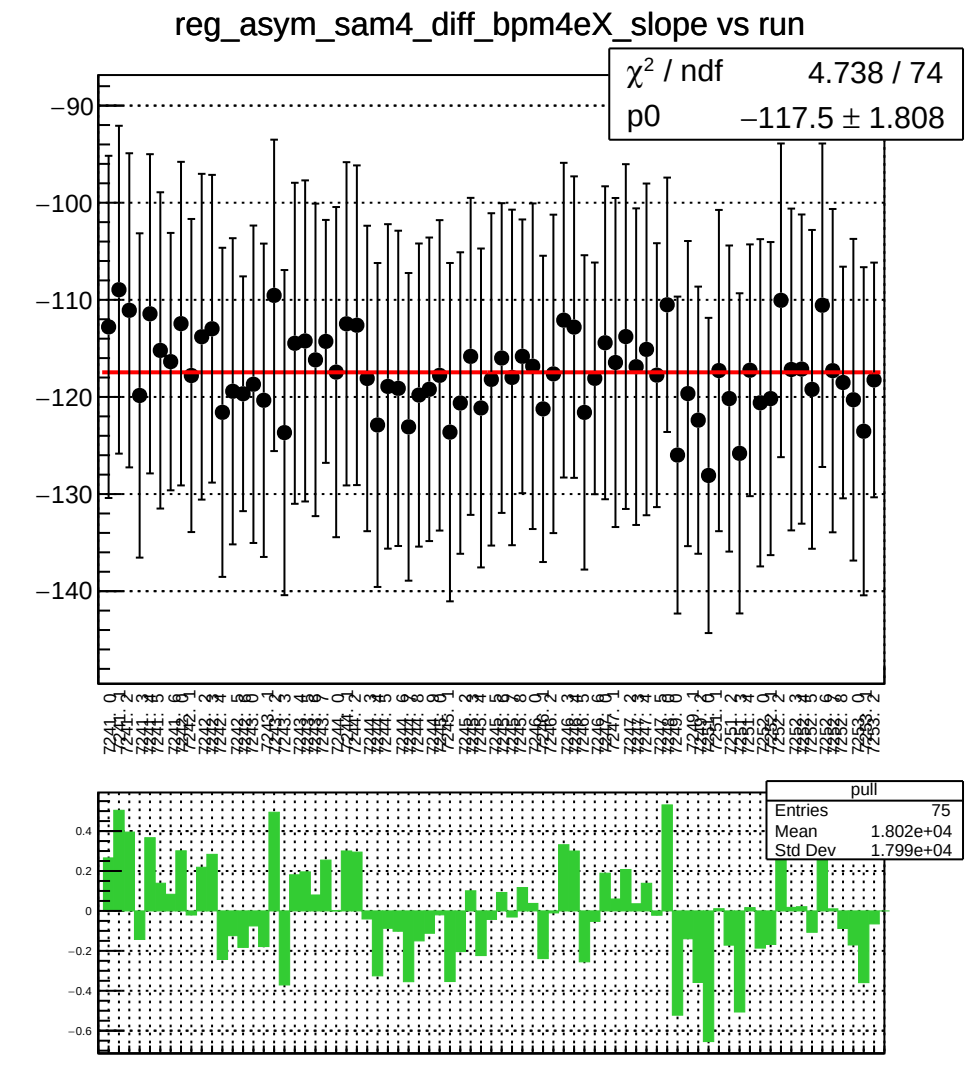

pull1D
Entries 75
Mean 0.00112
Std Dev 0.3368

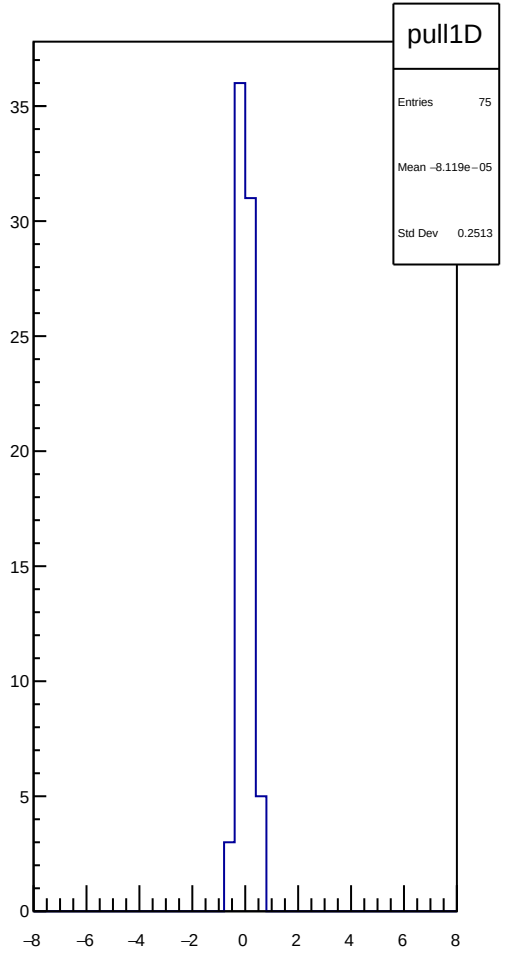

reg_asym_sam3_diff_bpm12X_slope vs run
χ^2 / ndf 3.412 / 74
p0 0.2015 ± 0.02343
pull
Entries 75
Mean −106.1
Std Dev 127.3
pull1D
Entries 75
Mean −0.01014
Std Dev 0.2131

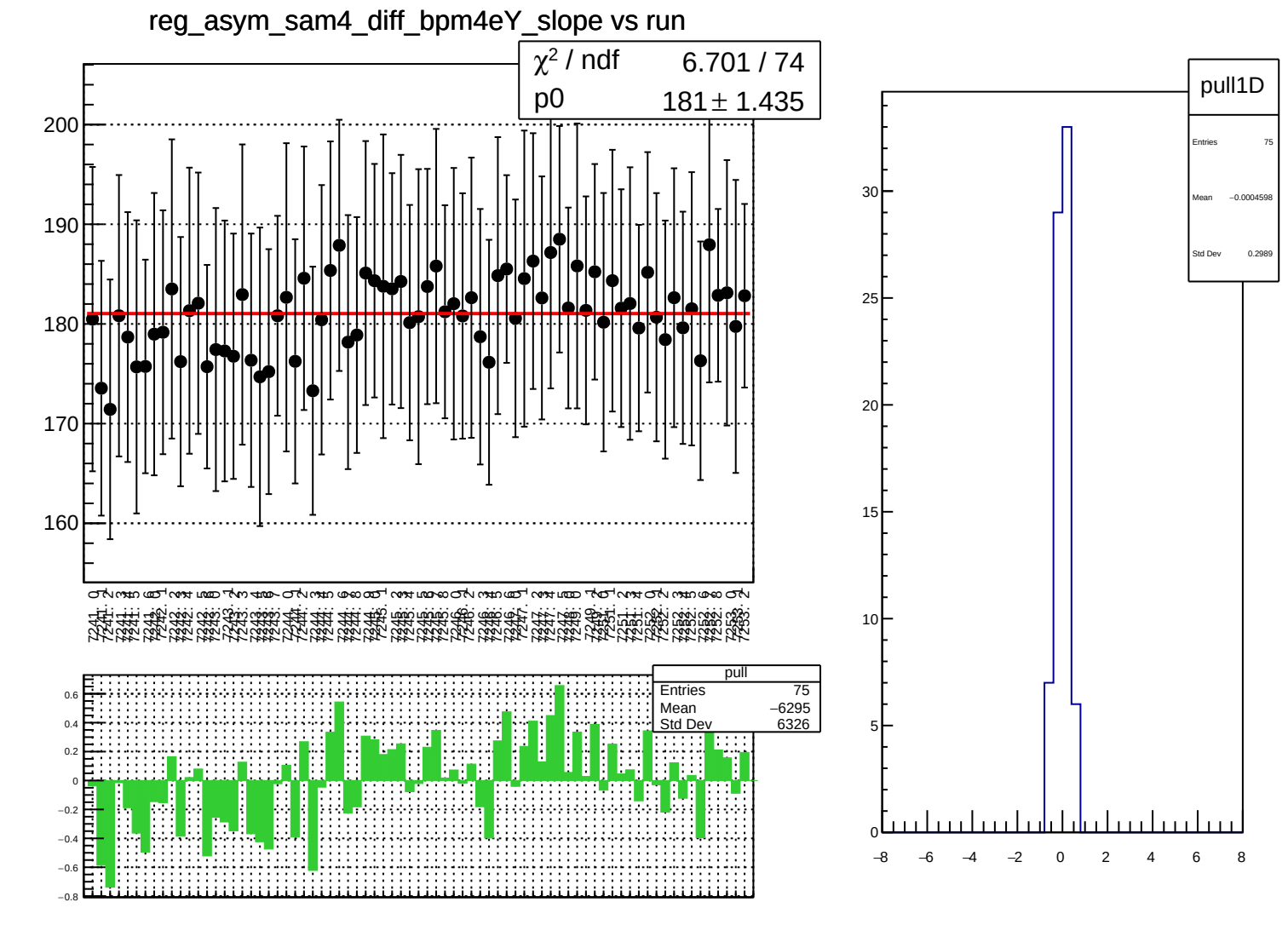

reg_asym_sam4_diff_bpm1X_slope vs run
χ² / ndf 3.935 / 74
p0 −29.03 ± 1.736
pull
Entries 75
Mean −3032
Std Dev 3061

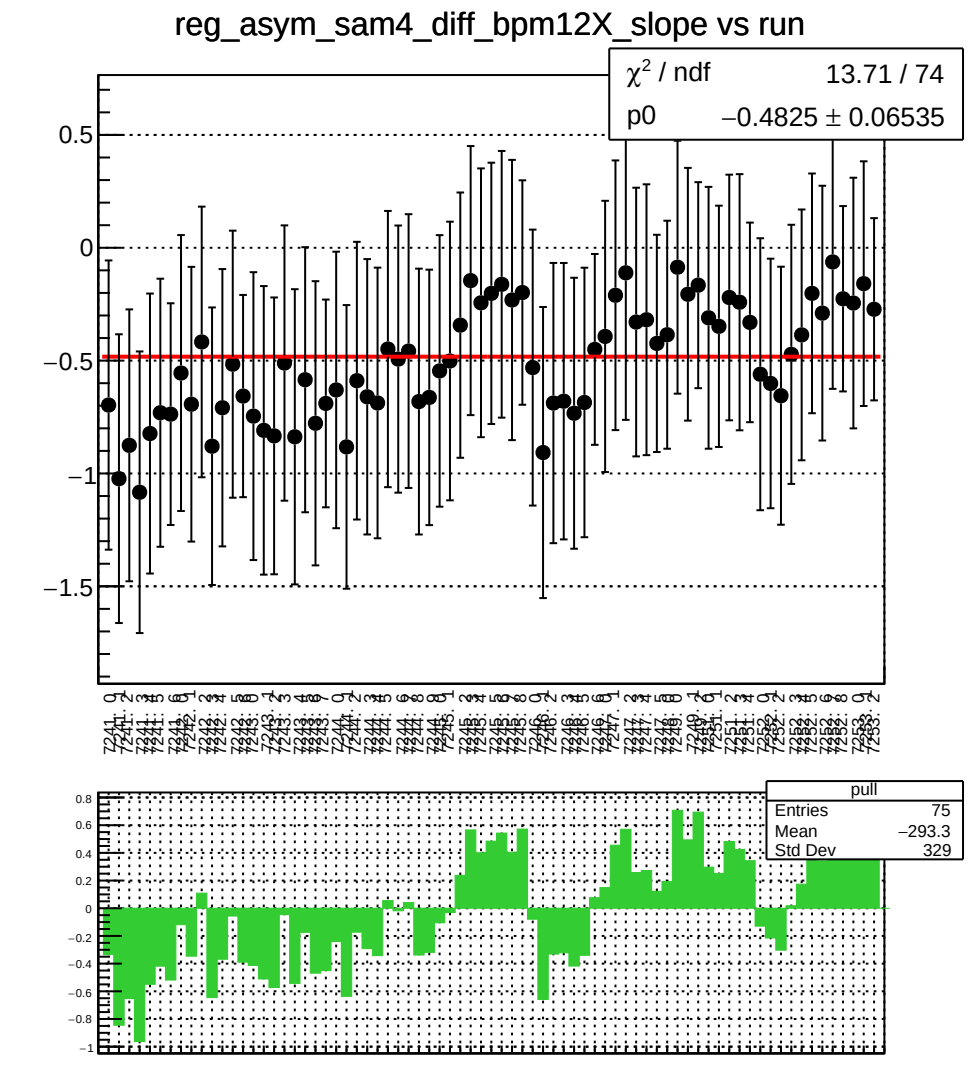

pull1D
Entries 75
Mean −0.0004827
Std Dev 0.2291

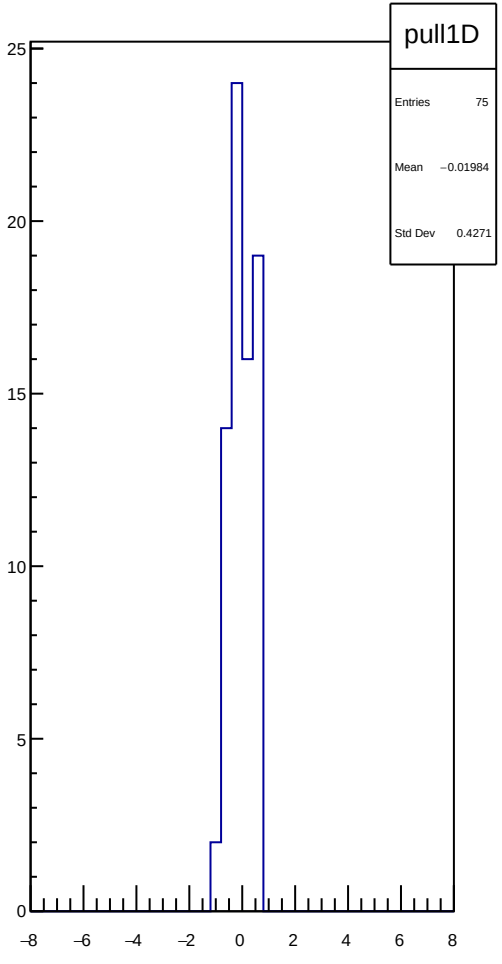

reg_asym_sam4_diff_bpm4aY_slope vs run
χ² / ndf 4.18 / 74
p0 18.22 ± 1.334
pull
Entries 75
Mean −285.6
Std Dev 319.1
pull1D
Entries 75
Mean 0.008204
Std Dev 0.2359

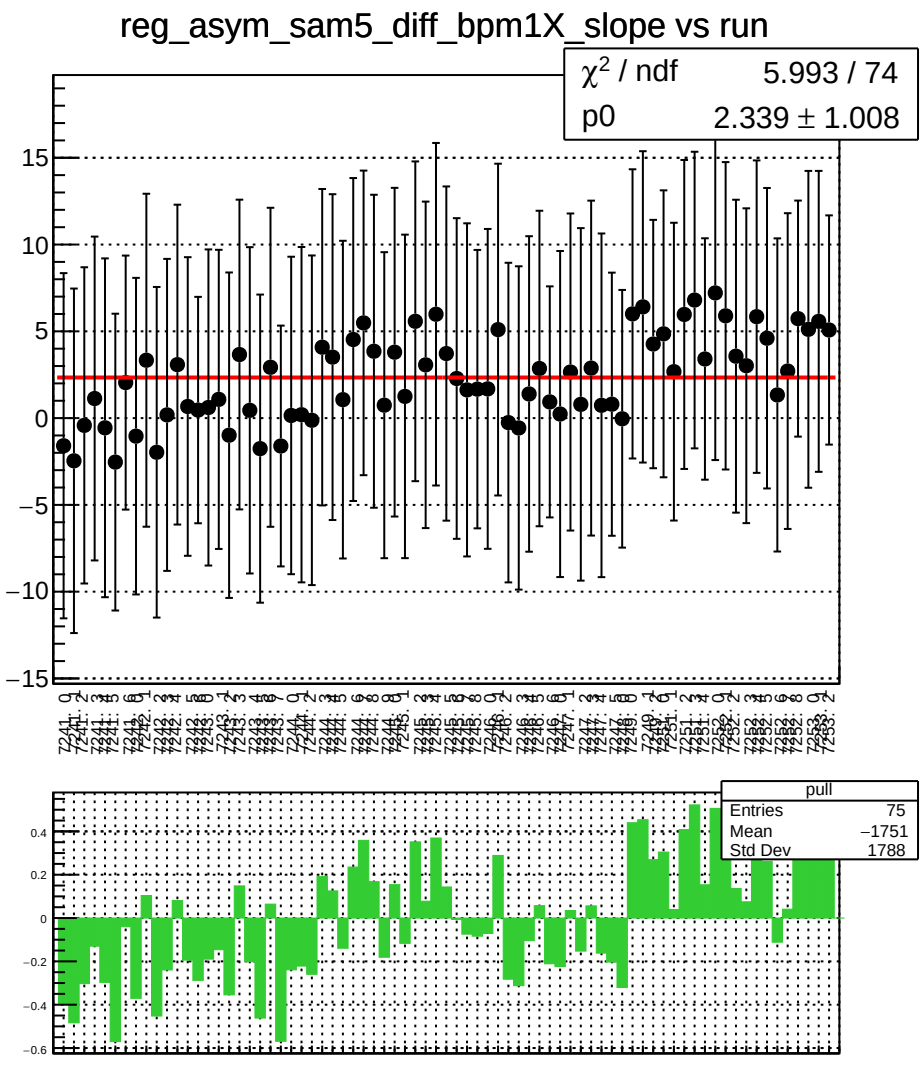

reg_asym_sam4_diff_bpm4eX_slope vs run
χ² / ndf 4.738 / 74
p0 −117.5 ± 1.808
−90
−100
−110
−120
−130
−140
pull
Entries 75
Mean 1.802e+04
Std Dev 1.799e+04
0.4
0.2
0
−0.2
−0.4
−0.6

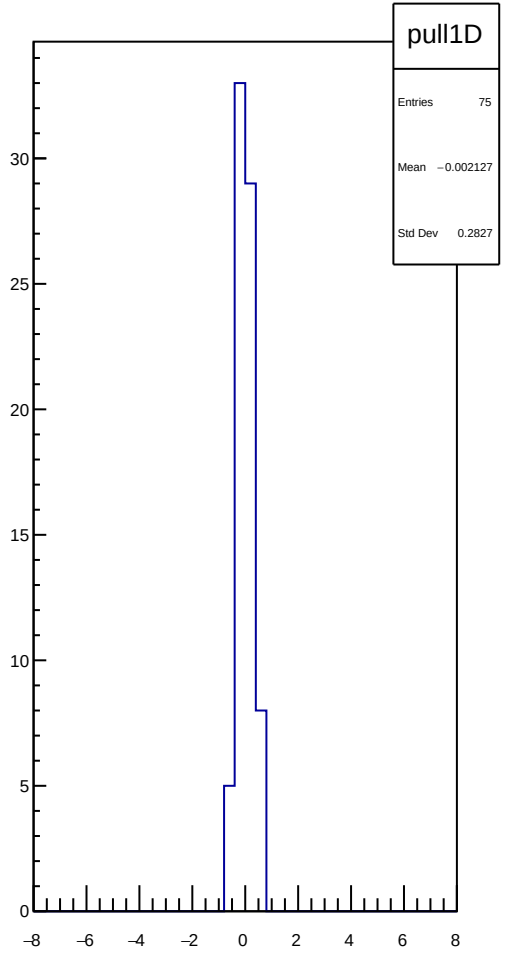

pull1D
Entries 75
Mean −8.119e−05
Std Dev 0.2513
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

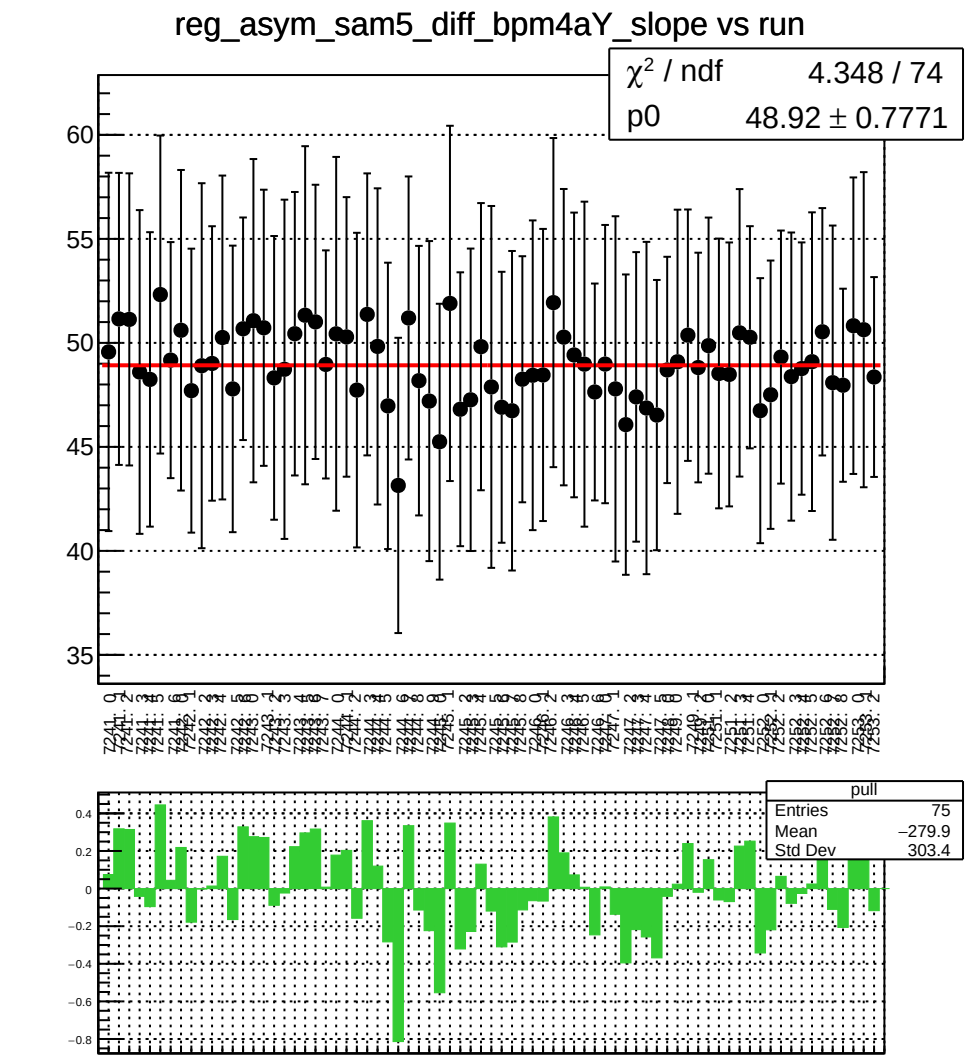

reg_asym_sam4_diff_bpm4eY_slope vs run
χ² / ndf 6.701 / 74
p0 181 ± 1.435
200
190
180
170
160
pull
Entries 75
Mean −6295
Std Dev 6326
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 75
Mean −0.0004598
Std Dev 0.2989
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

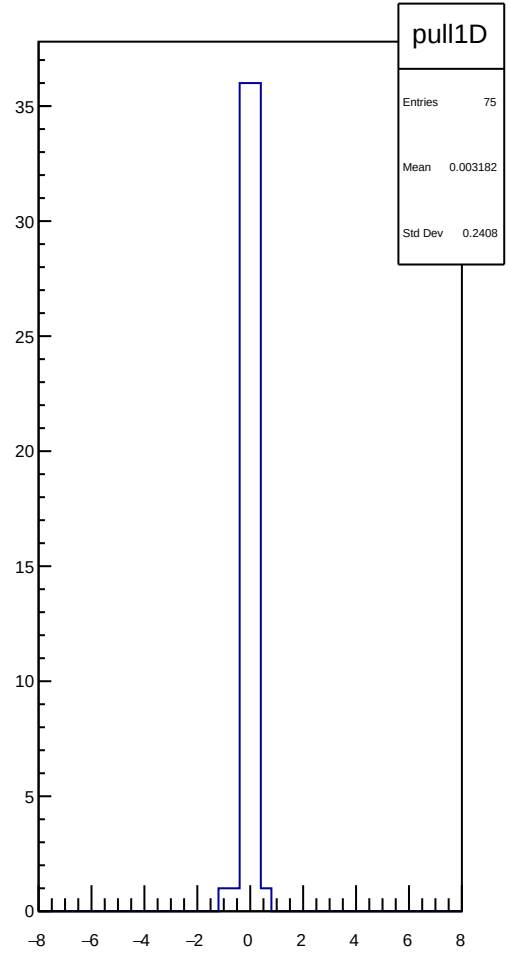

reg_asym_sam4_diff_bpm12X_slope vs run
χ² / ndf 13.71 / 74
p0 −0.4825 ± 0.06535
pull
Entries 75
Mean −293.3
Std Dev 329

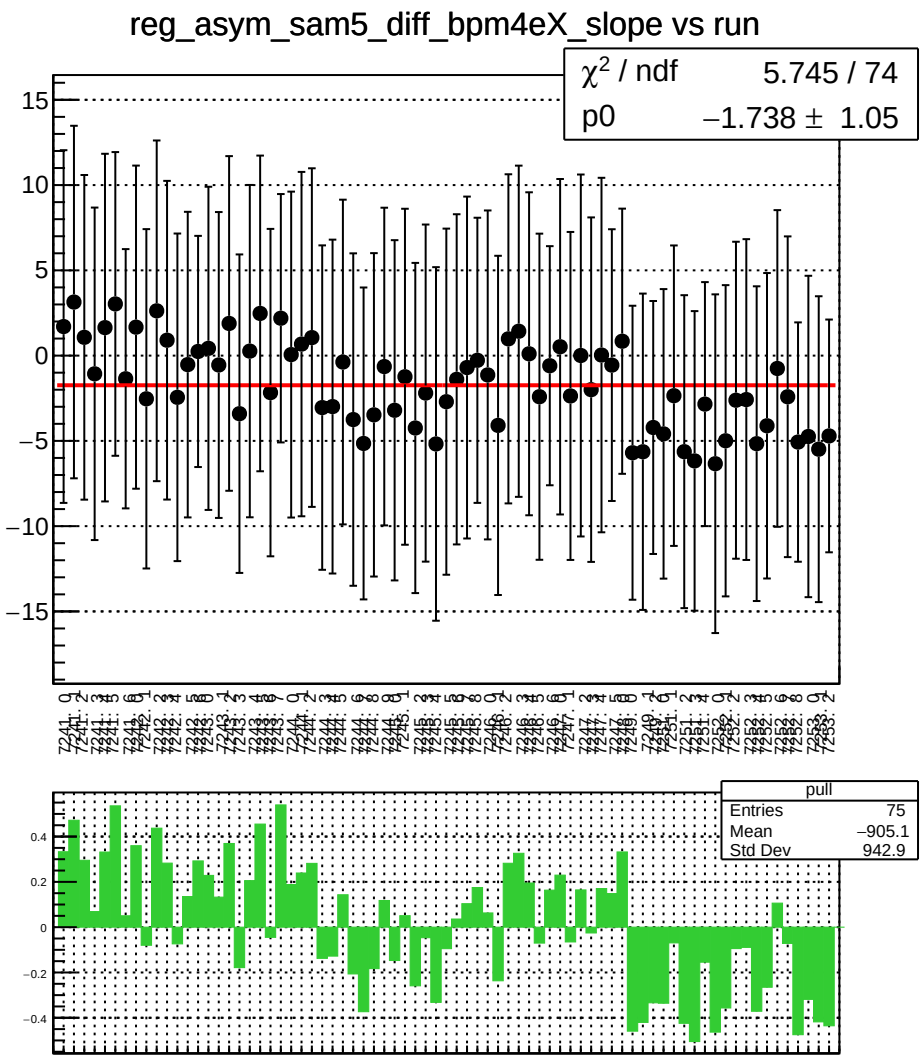

pull1D
Entries 75
Mean −0.01984
Std Dev 0.4271

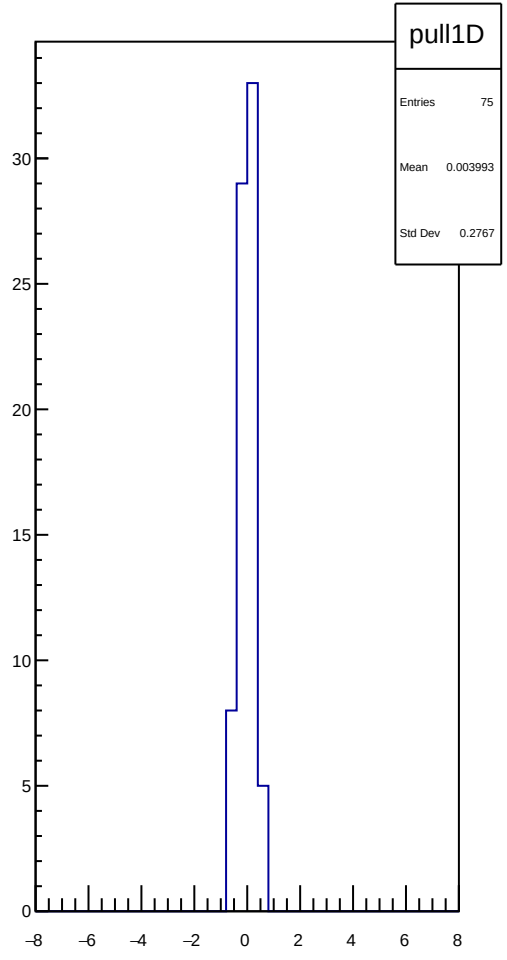

reg_asym_sam5_diff_bpm1X_slope vs run
χ² / ndf 5.993 / 74
p0 2.339 ± 1.008
pull
Entries 75
Mean −1751
Std Dev 1788

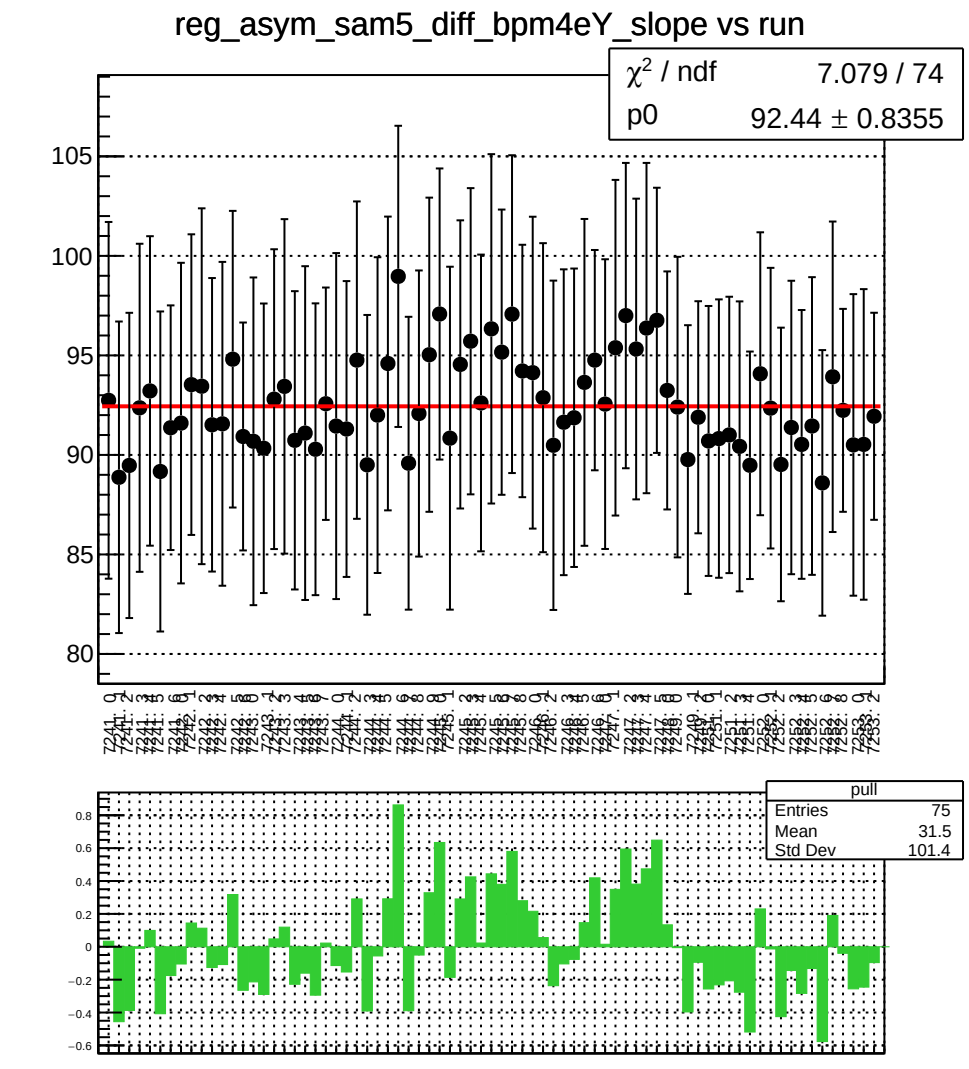

pull1D
Entries 75
Mean −0.002127
Std Dev 0.2827

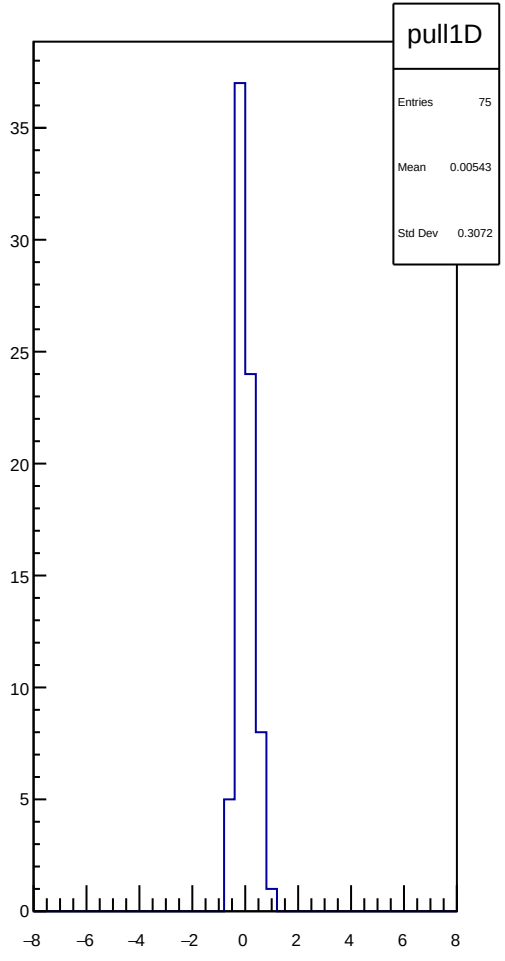

reg_asym_sam5_diff_bpm4aY_slope vs run
χ² / ndf 4.348 / 74
p0 48.92 ± 0.7771
pull
Entries 75
Mean −279.9
Std Dev 303.4

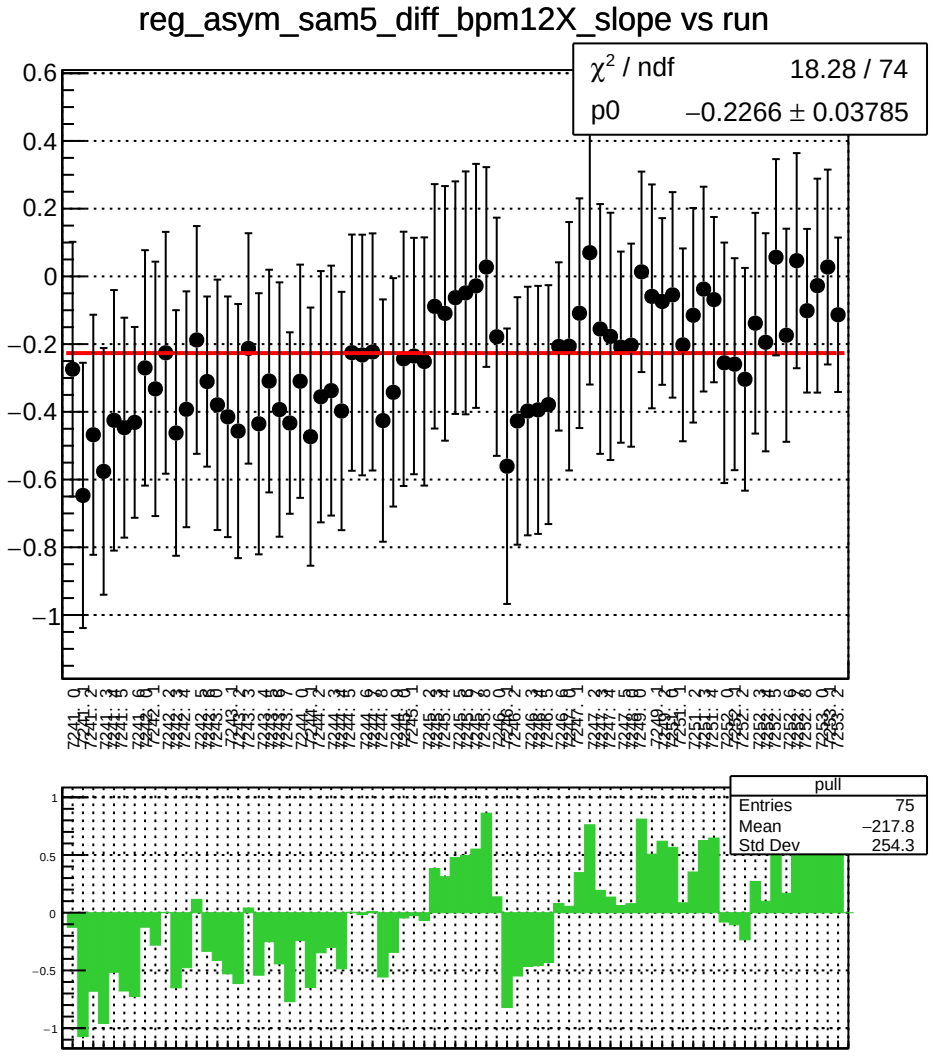

pull1D
Entries 75
Mean 0.003182
Std Dev 0.2408

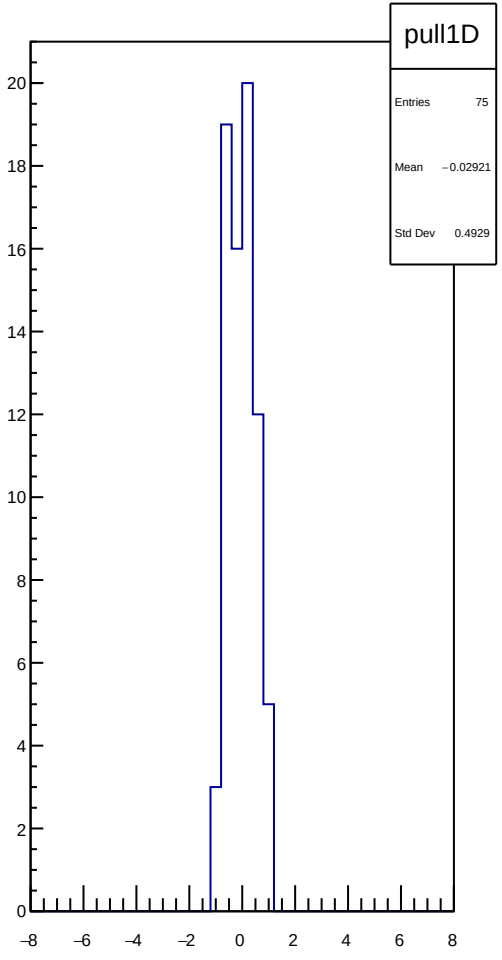

reg_asym_sam5_diff_bpm4eX_slope vs run
χ² / ndf 5.745 / 74
p0 −1.738 ± 1.05
pull
Entries 75
Mean −905.1
Std Dev 942.9

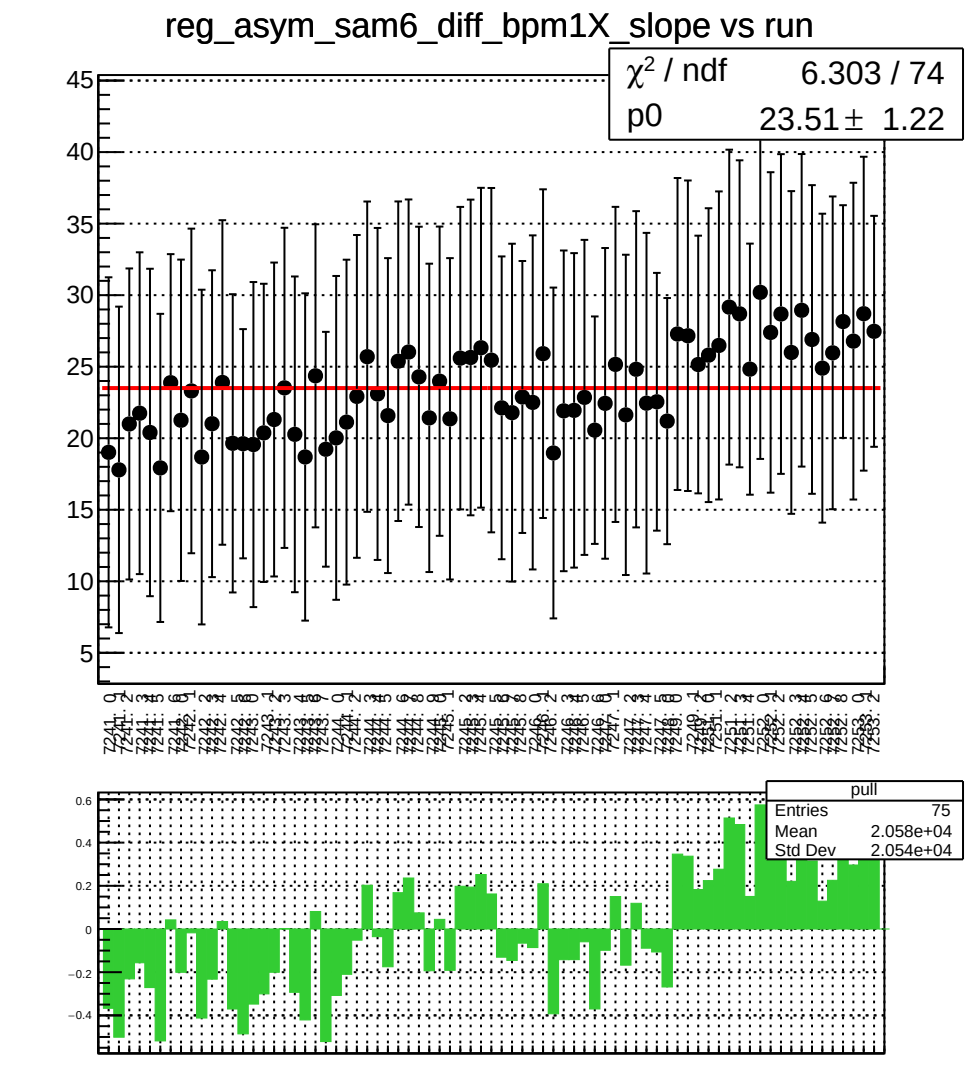

pull1D
Entries 75
Mean 0.003993
Std Dev 0.2767

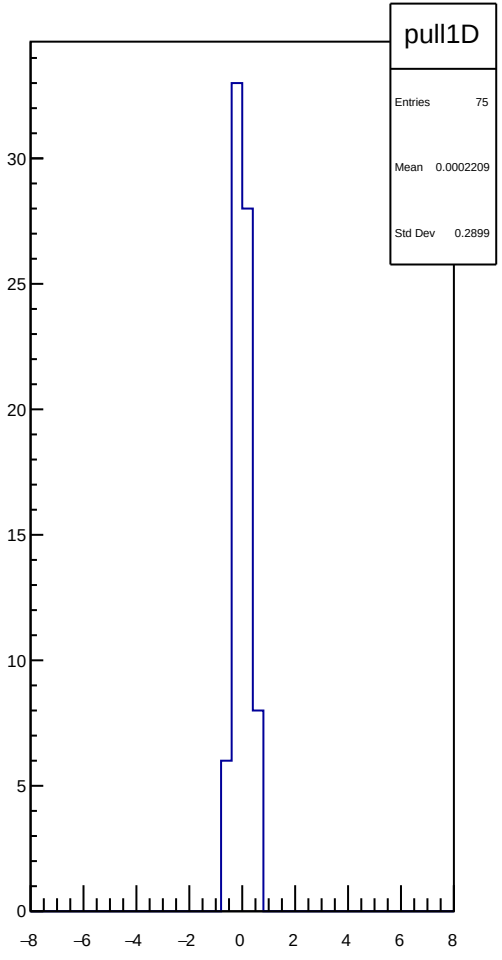

reg_asym_sam5_diff_bpm4eY_slope vs run
χ² / ndf 7.079 / 74
p0 92.44 ± 0.8355
105
100
95
90
85
80
pull
Entries 75
Mean 31.5
Std Dev 101.4
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

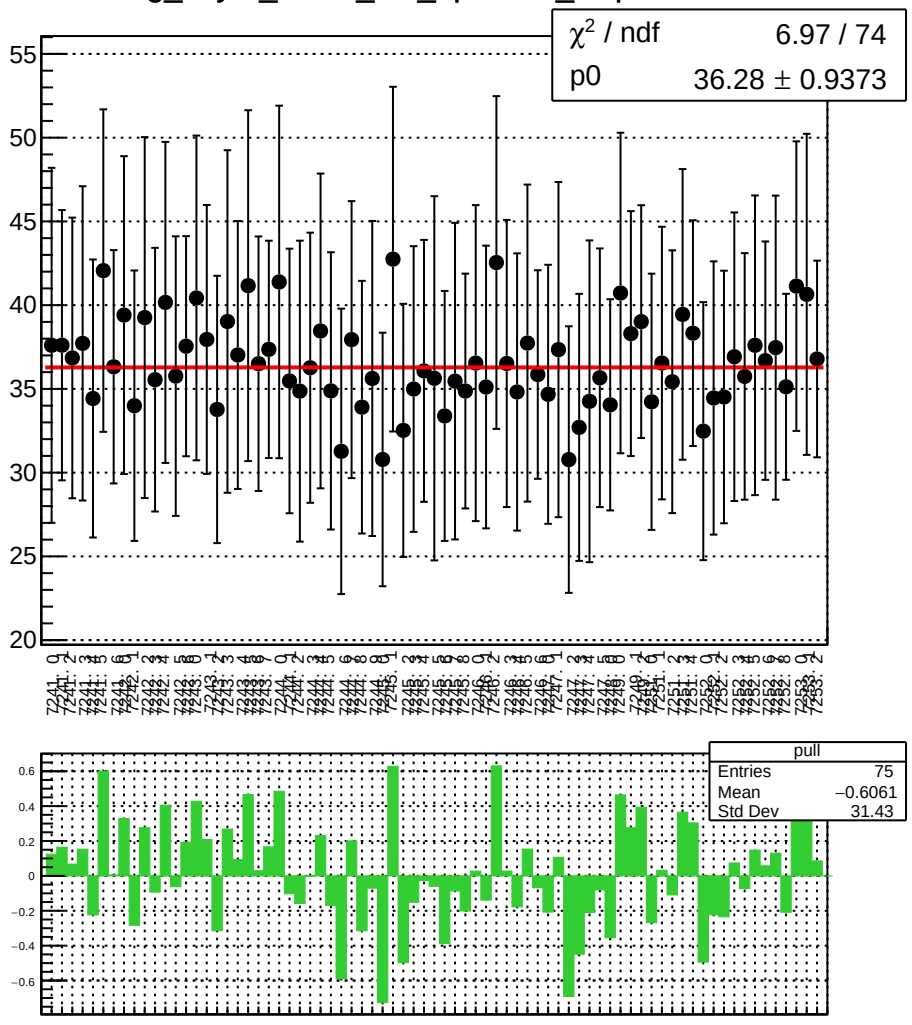

pull1D
Entries 75
Mean 0.00543
Std Dev 0.3072
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

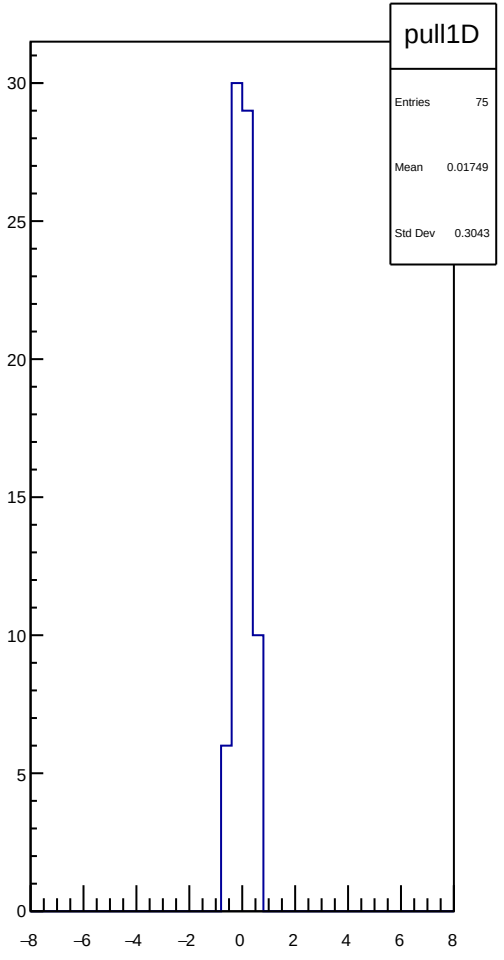

reg_asym_sam5_diff_bpm12X_slope vs run
χ² / ndf 18.28 / 74
p0 −0.2266 ± 0.03785
pull
Entries 75
Mean −217.8
Std Dev 254.3

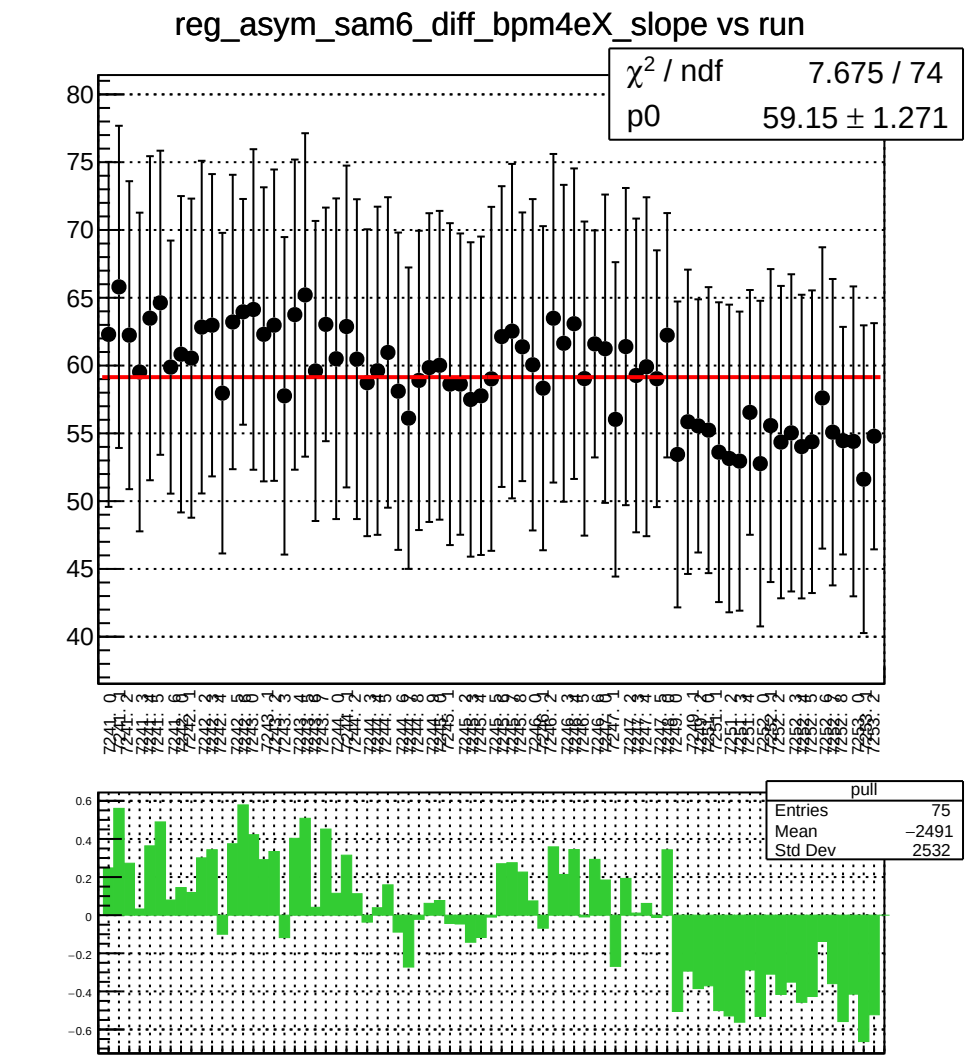

pull1D
Entries 75
Mean −0.02921
Std Dev 0.4929

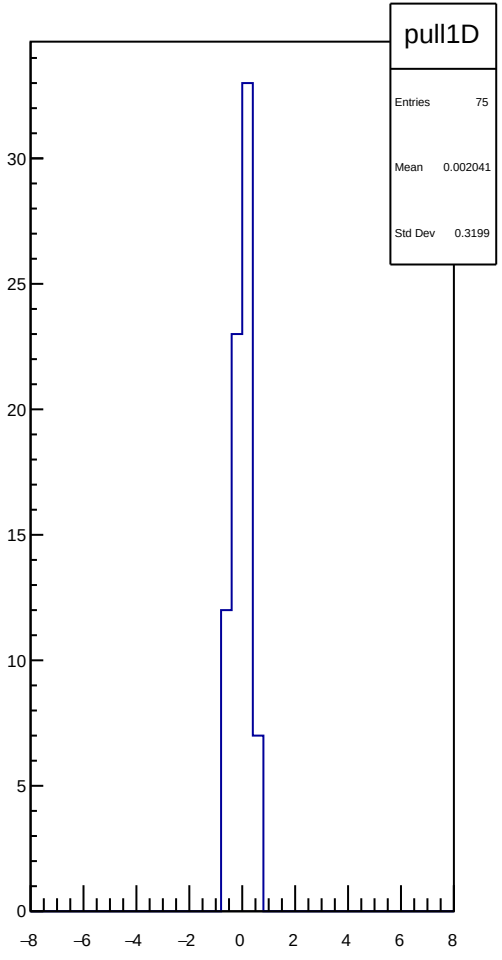

reg_asym_sam6_diff_bpm1X_slope vs run
χ² / ndf 6.303 / 74
p0 23.51 ± 1.22
pull
Entries 75
Mean 2.058e+04
Std Dev 2.054e+04

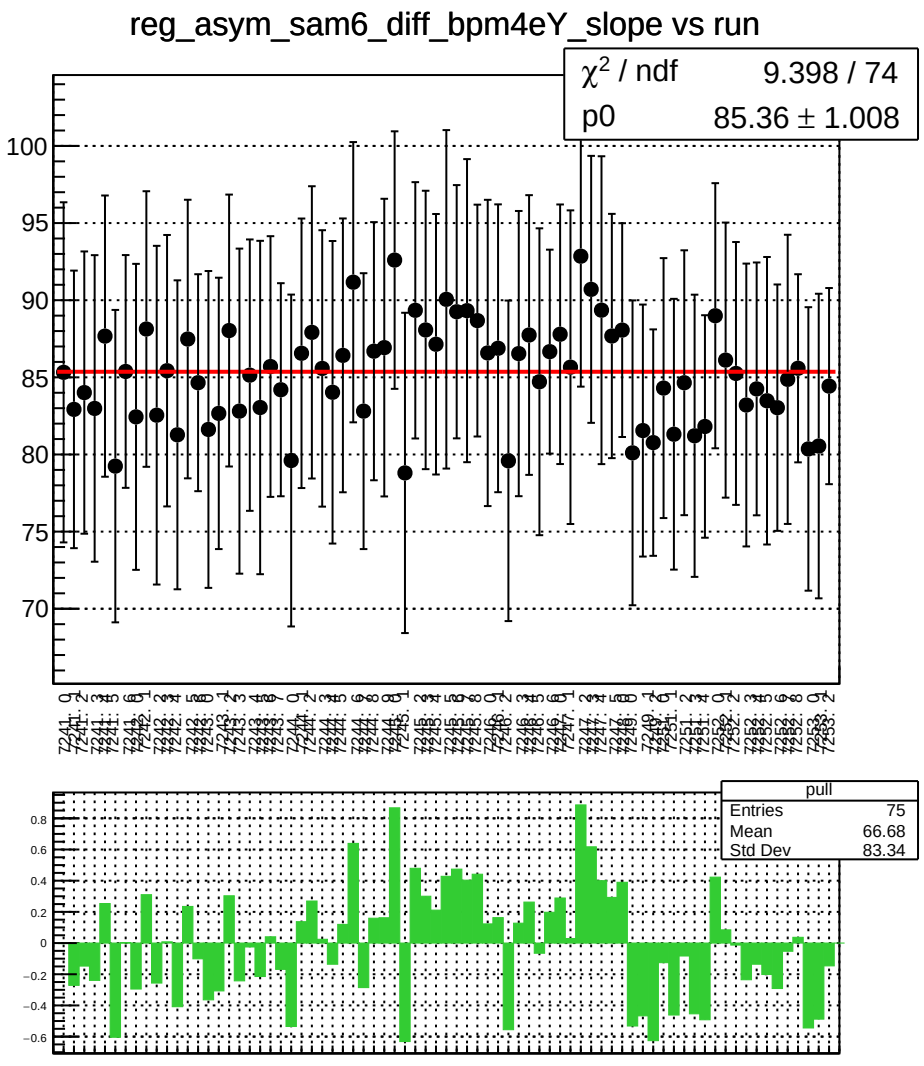

pull1D
Entries 75
Mean 0.0002209
Std Dev 0.2899

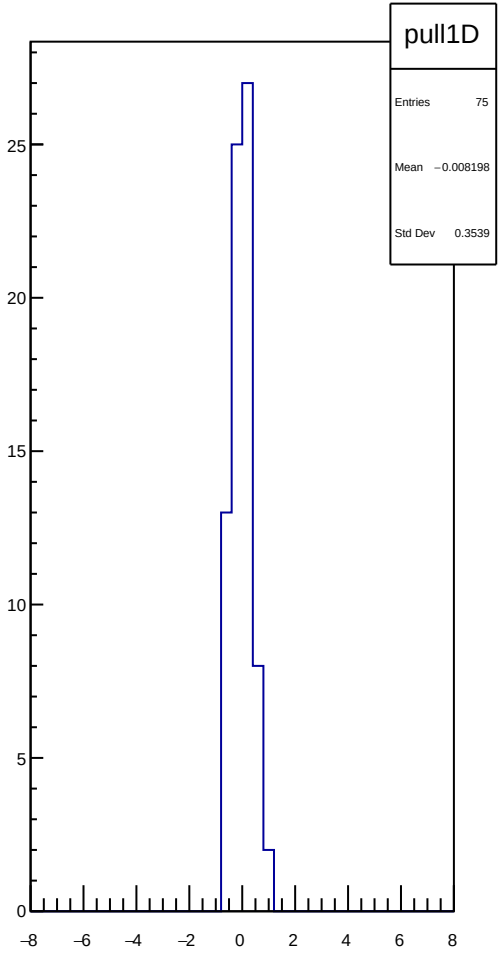

reg_asym_sam6_diff_bpm4aY_slope vs run
χ² / ndf 6.97 / 74
p0 36.28 ± 0.9373
pull
Entries 75
Mean −0.6061
Std Dev 31.43

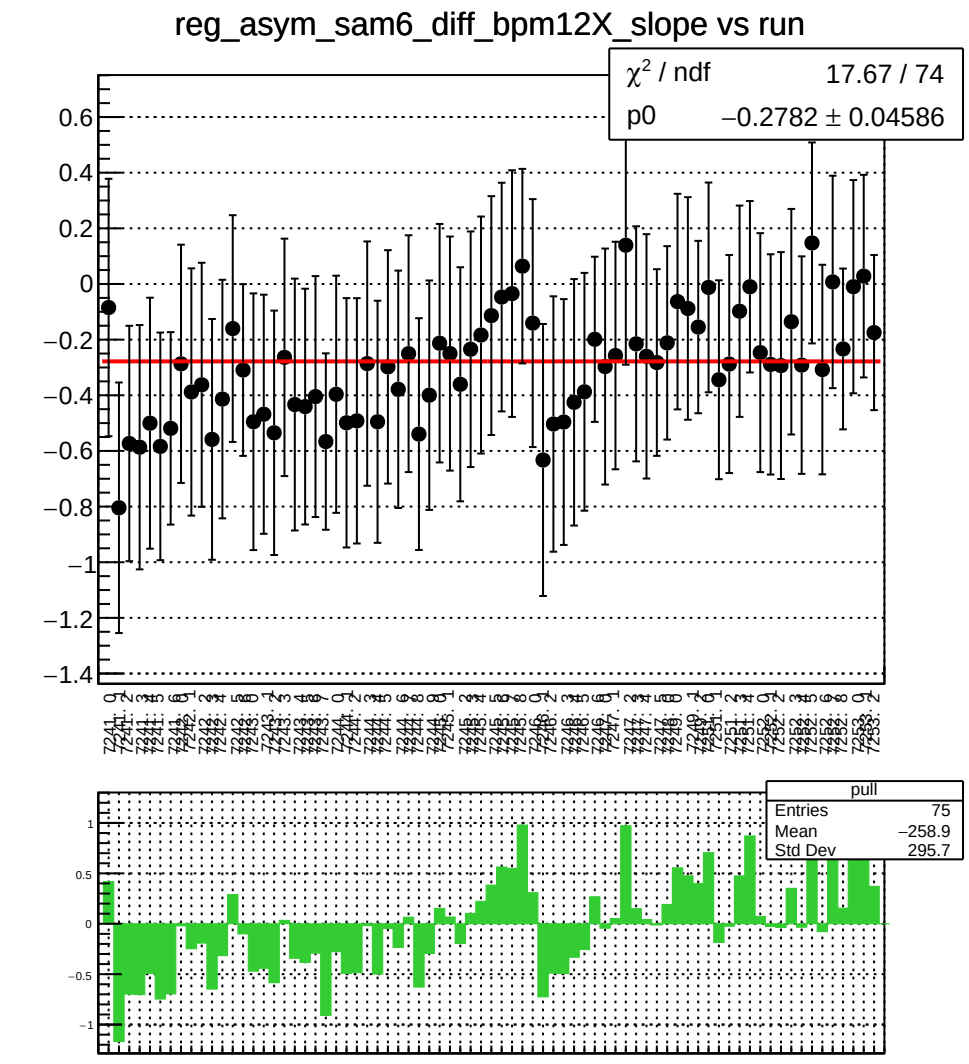

pull1D
Entries 75
Mean 0.01749
Std Dev 0.3043

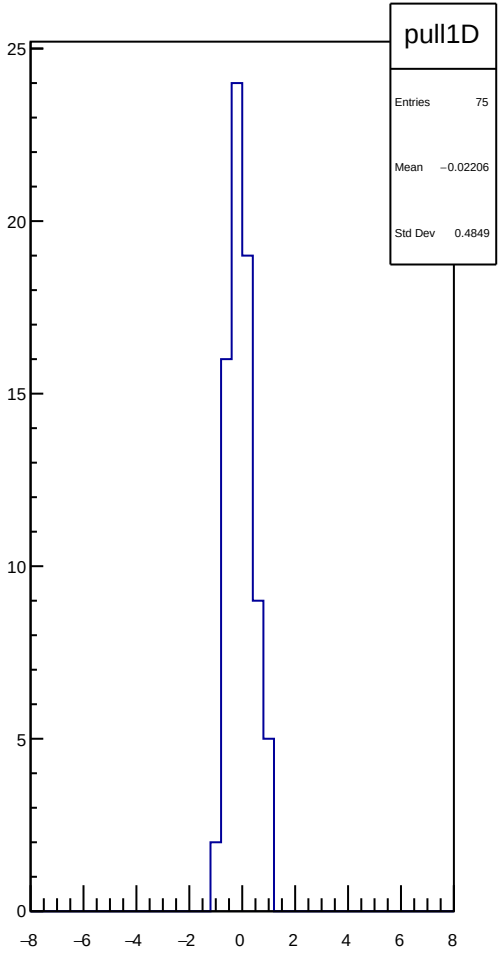

reg_asym_sam6_diff_bpm4eX_slope vs run
χ² / ndf 7.675 / 74
p0 59.15 ± 1.271
pull
Entries 75
Mean −2491
Std Dev 2532

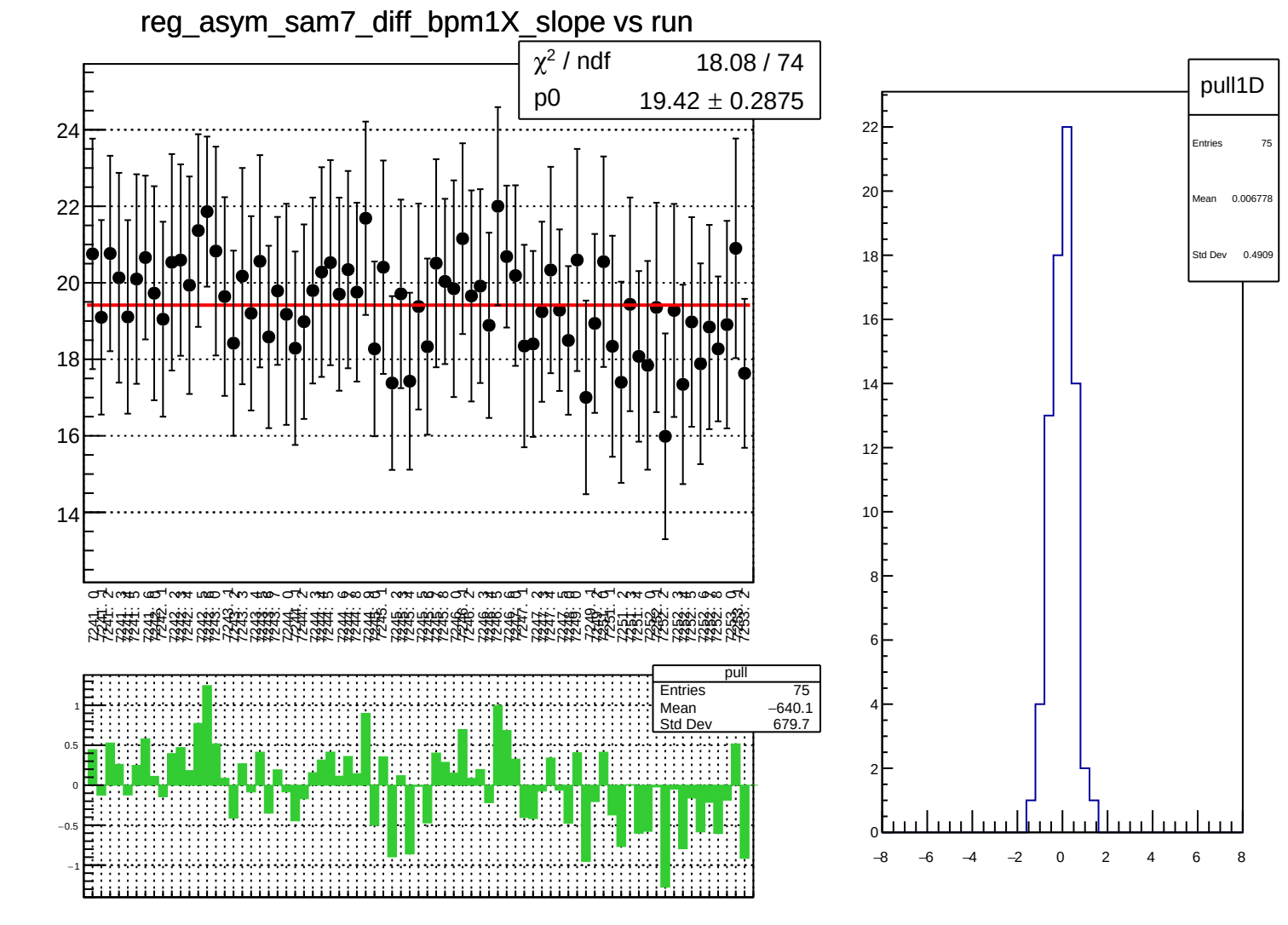

pull1D
Entries 75
Mean 0.002041
Std Dev 0.3199

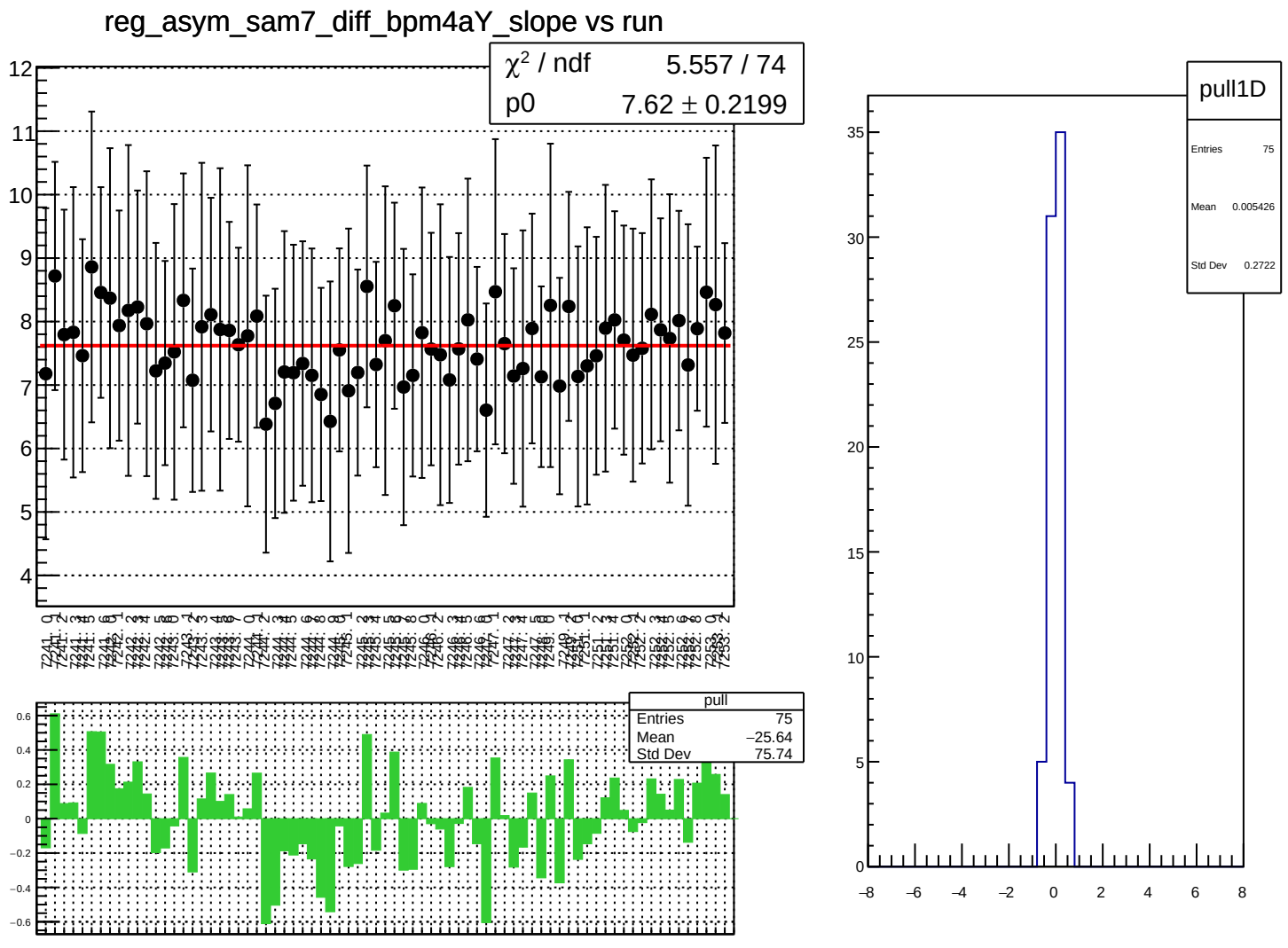

reg_asym_sam6_diff_bpm4eY_slope vs run
χ^2 / ndf 9.398 / 74
p0 85.36 ± 1.008
pull
Entries 75
Mean 66.68
Std Dev 83.34

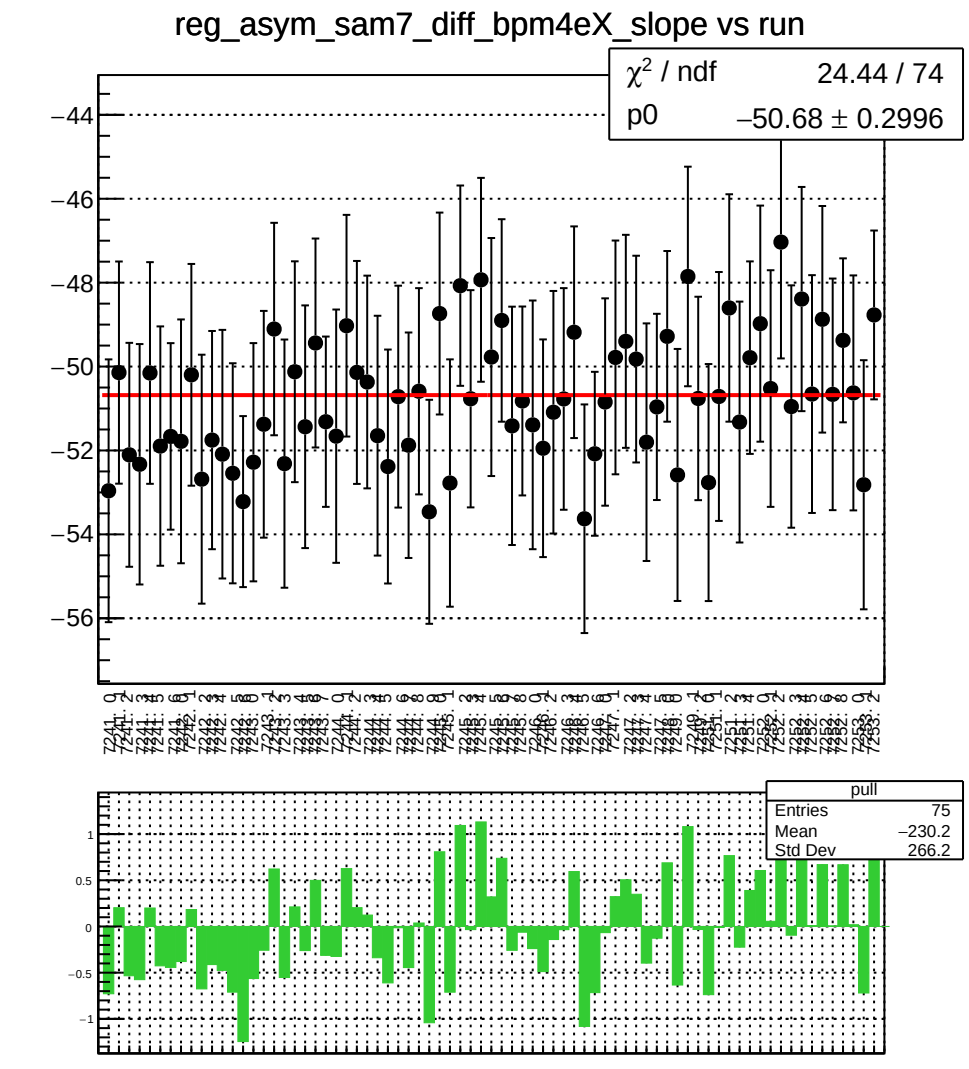

pull1D
Entries 75
Mean −0.008198
Std Dev 0.3539

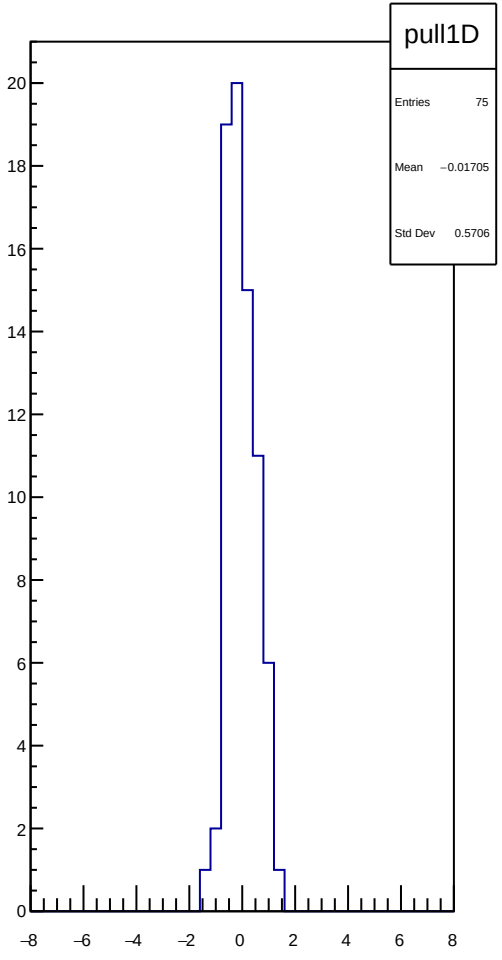

reg_asym_sam6_diff_bpm12X_slope vs run
χ² / ndf 17.67 / 74
p0 −0.2782 ± 0.04586
pull
Entries 75
Mean −258.9
Std Dev 295.7

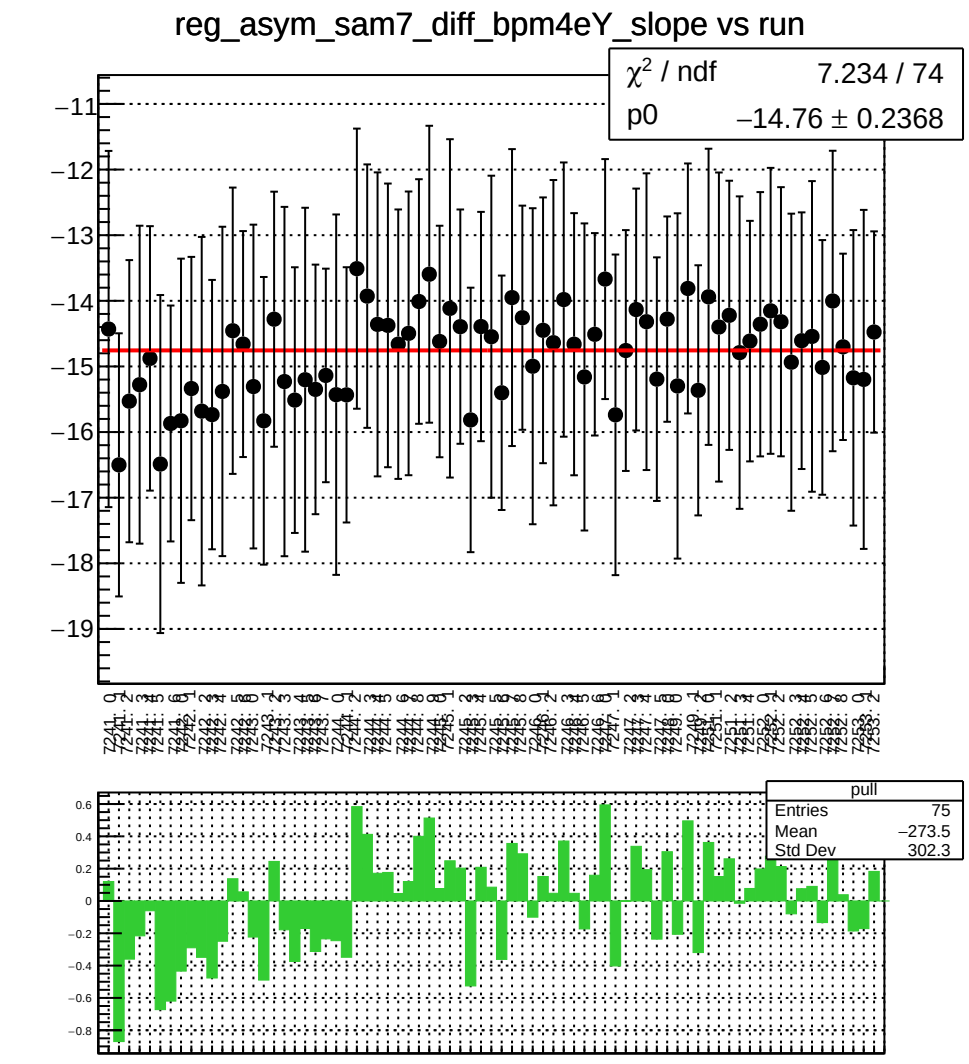

pull1D
Entries 75
Mean −0.02206
Std Dev 0.4849

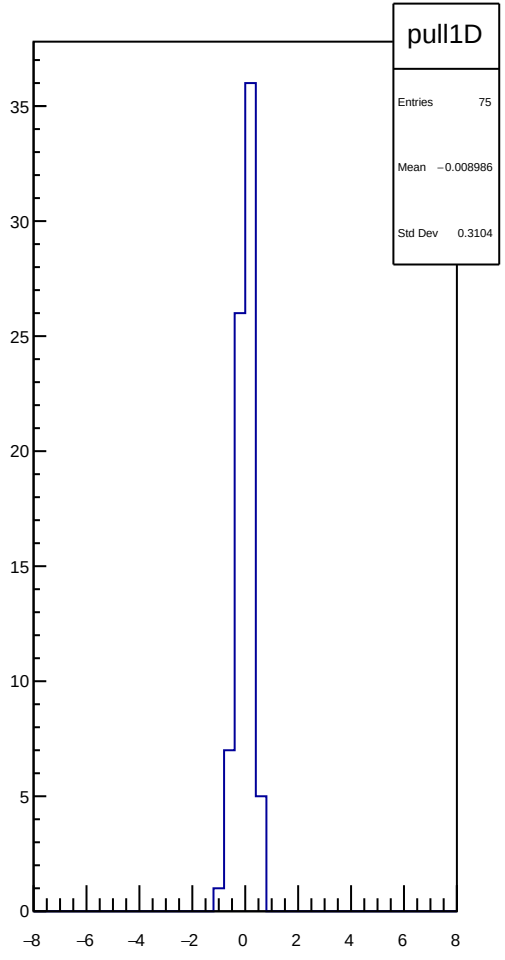

reg_asym_sam7_diff_bpm1X_slope vs run
χ^2 / ndf 18.08 / 74
p0 19.42 ± 0.2875
pull
Entries 75
Mean −640.1
Std Dev 679.7
pull1D
Entries 75
Mean 0.006778
Std Dev 0.4909

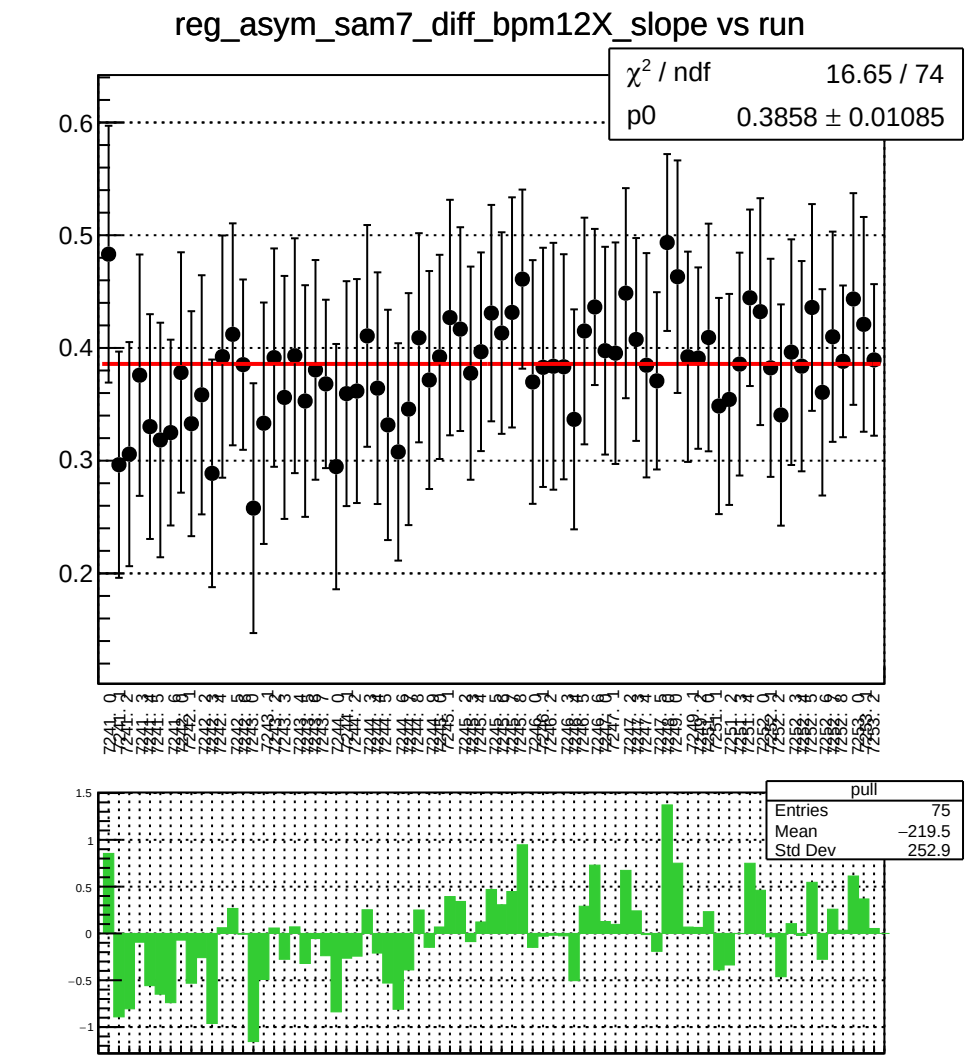

reg_asym_sam7_diff_bpm4aY_slope vs run
χ² / ndf 5.557 / 74
p0 7.62 ± 0.2199
pull
Entries 75
Mean −25.64
Std Dev 75.74
pull1D
Entries 75
Mean 0.005426
Std Dev 0.2722

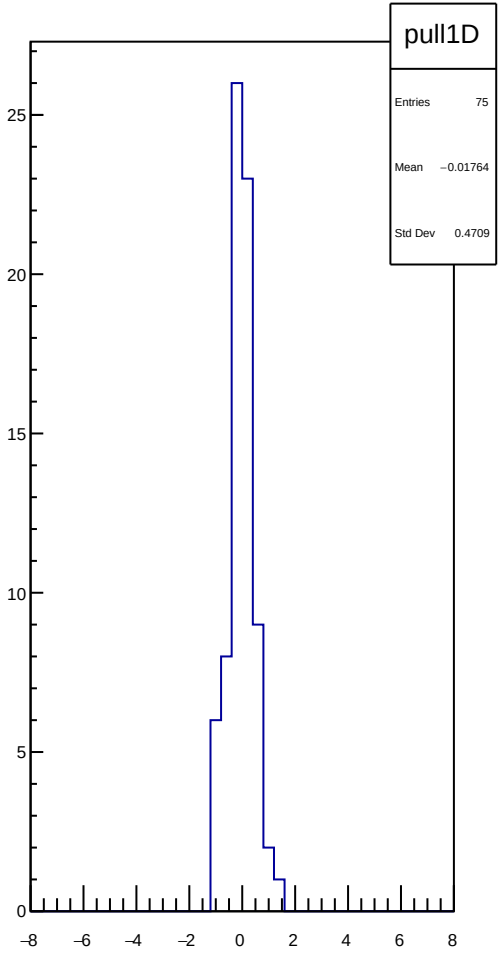

reg_asym_sam7_diff_bpm4eX_slope vs run
χ² / ndf 24.44 / 74
p0 −50.68 ± 0.2996
pull
Entries 75
Mean −230.2
Std Dev 266.2

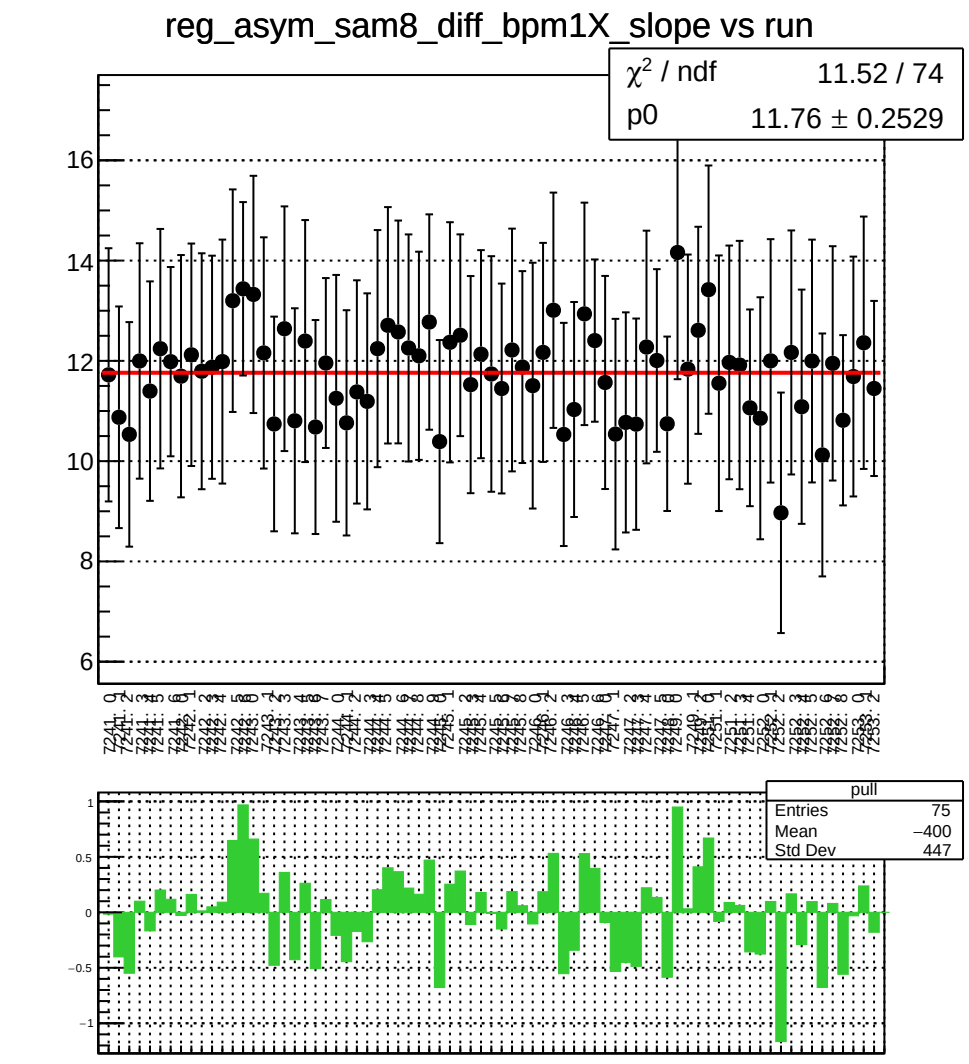

pull1D
Entries 75
Mean −0.01705
Std Dev 0.5706

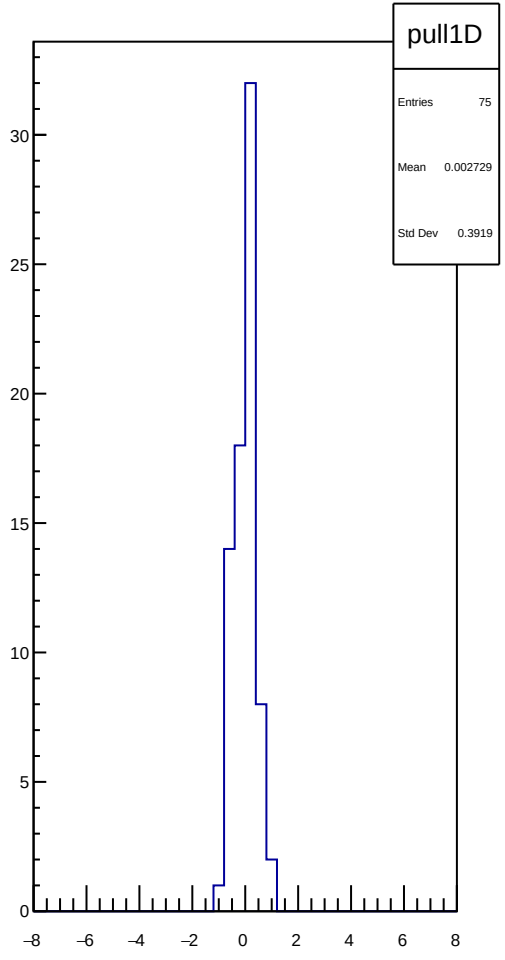

reg_asym_sam7_diff_bpm4eY_slope vs run
χ² / ndf 7.234 / 74
p0 −14.76 ± 0.2368
pull
Entries 75
Mean −273.5
Std Dev 302.3

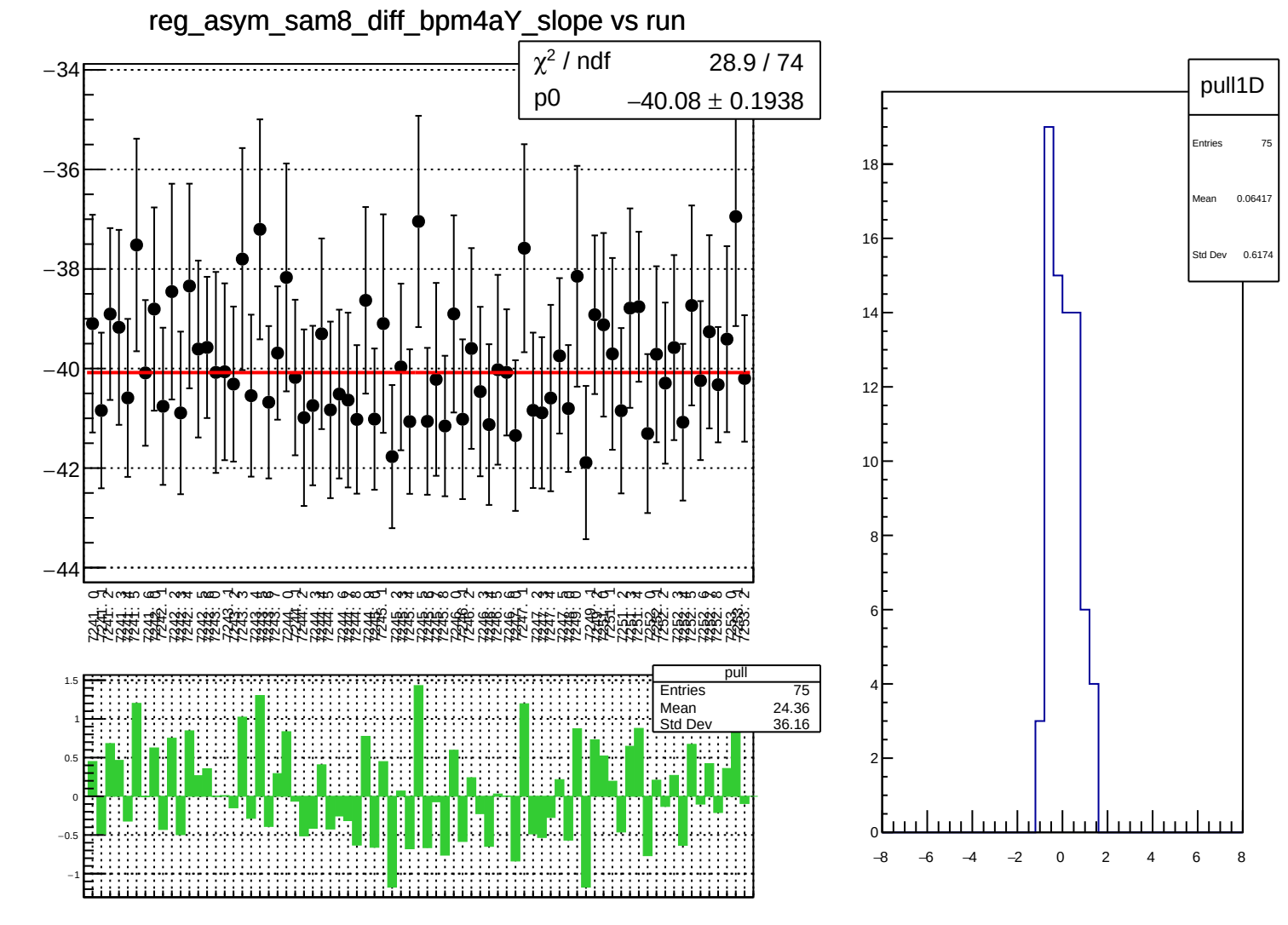

pull1D
Entries 75
Mean −0.008986
Std Dev 0.3104

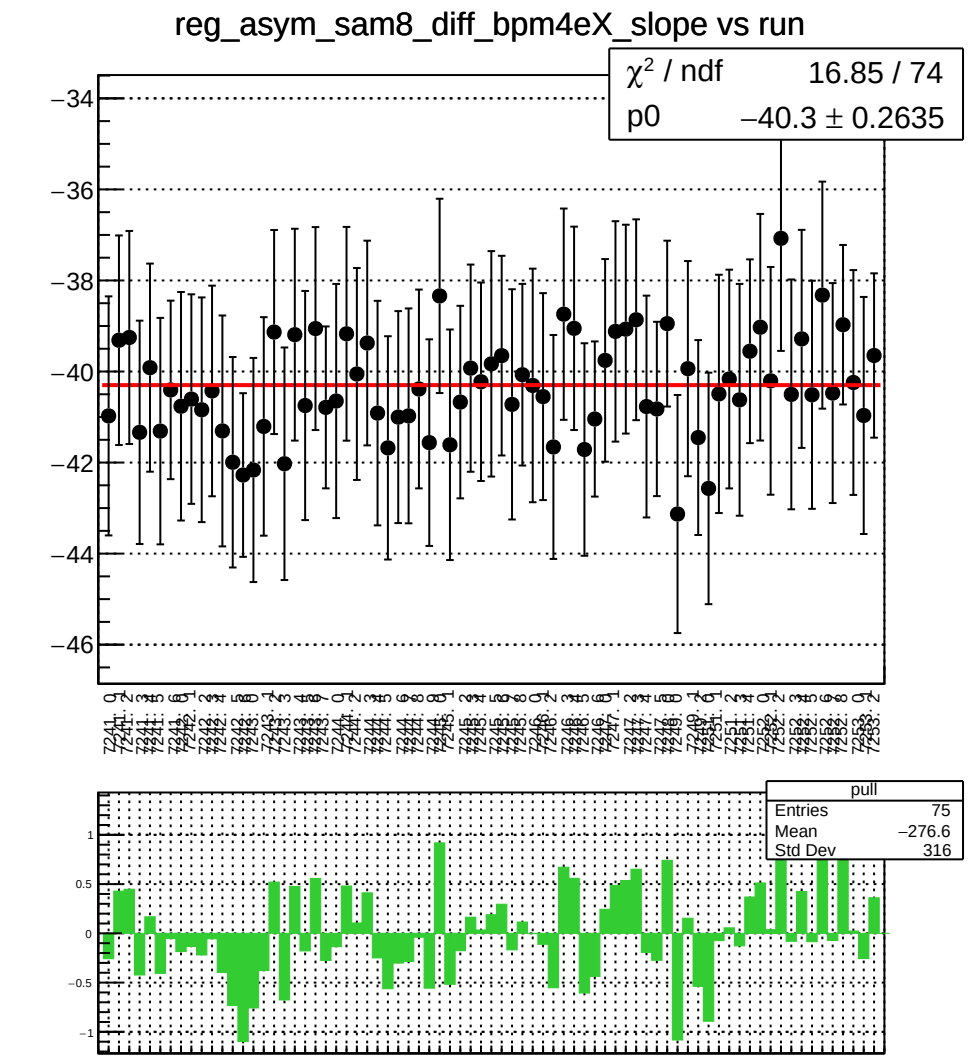

reg_asym_sam7_diff_bpm12X_slope vs run
χ^2 / ndf 16.65 / 74
p0 0.3858 ± 0.01085
pull
Entries 75
Mean −219.5
Std Dev 252.9

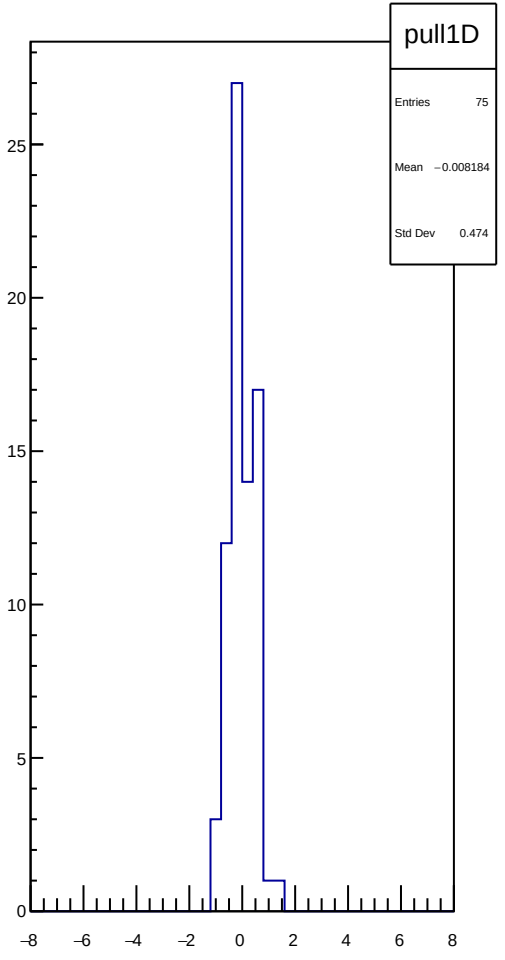

pull1D
Entries 75
Mean −0.01764
Std Dev 0.4709

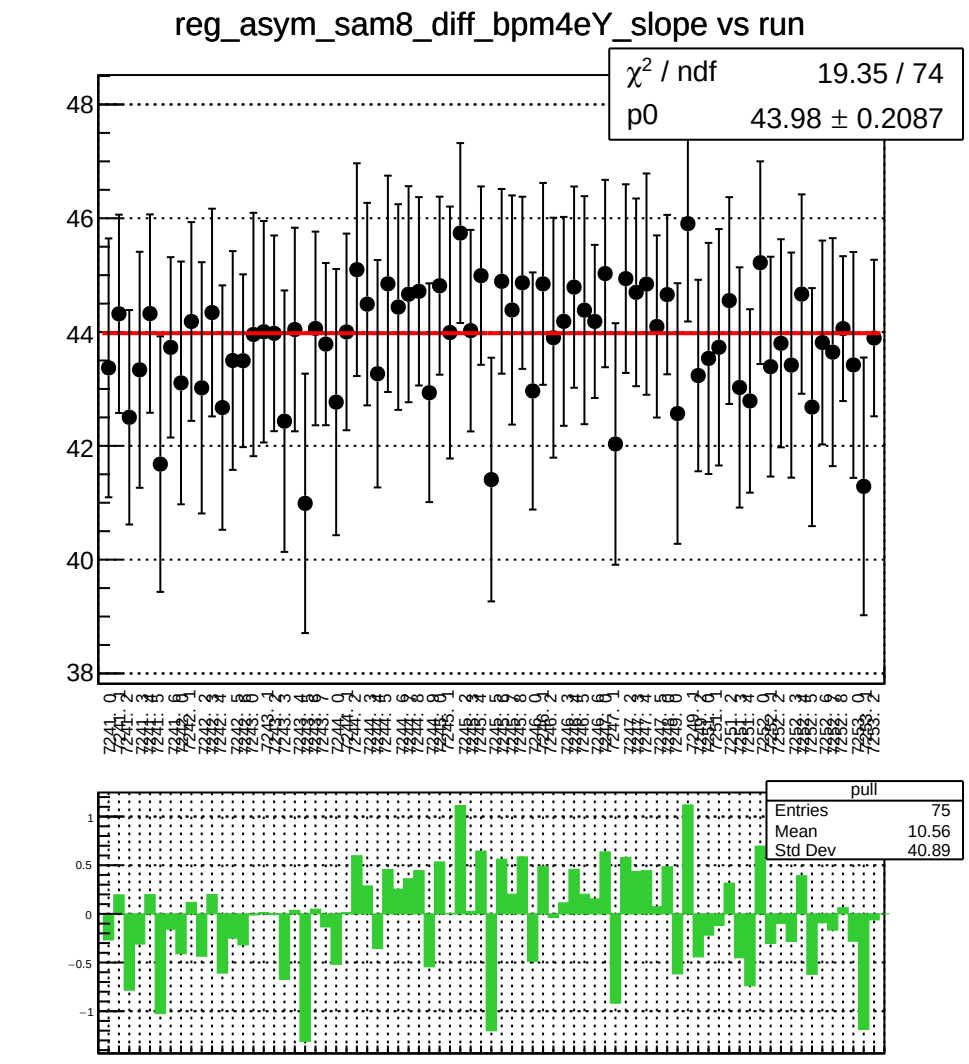

reg_asym_sam8_diff_bpm1X_slope vs run
χ² / ndf 11.52 / 74
p0 11.76 ± 0.2529
pull
Entries 75
Mean −400
Std Dev 447

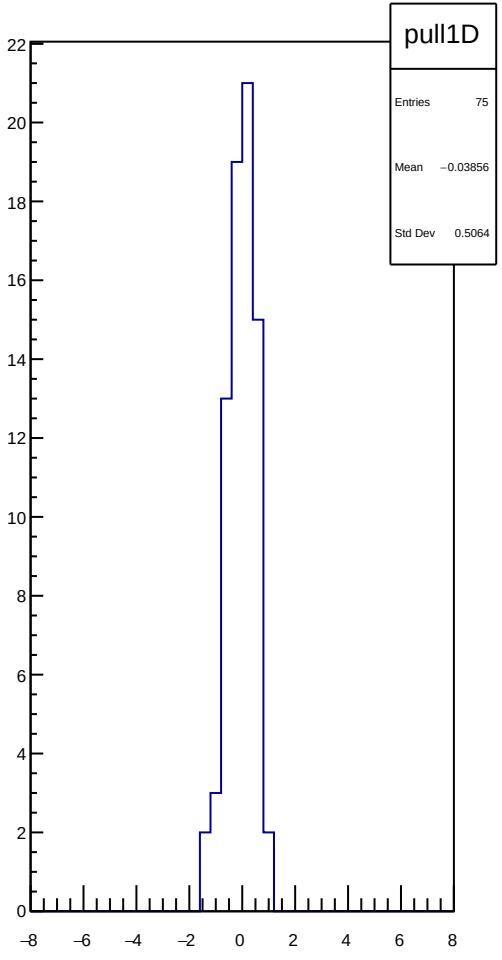

pull1D
Entries 75
Mean 0.002729
Std Dev 0.3919

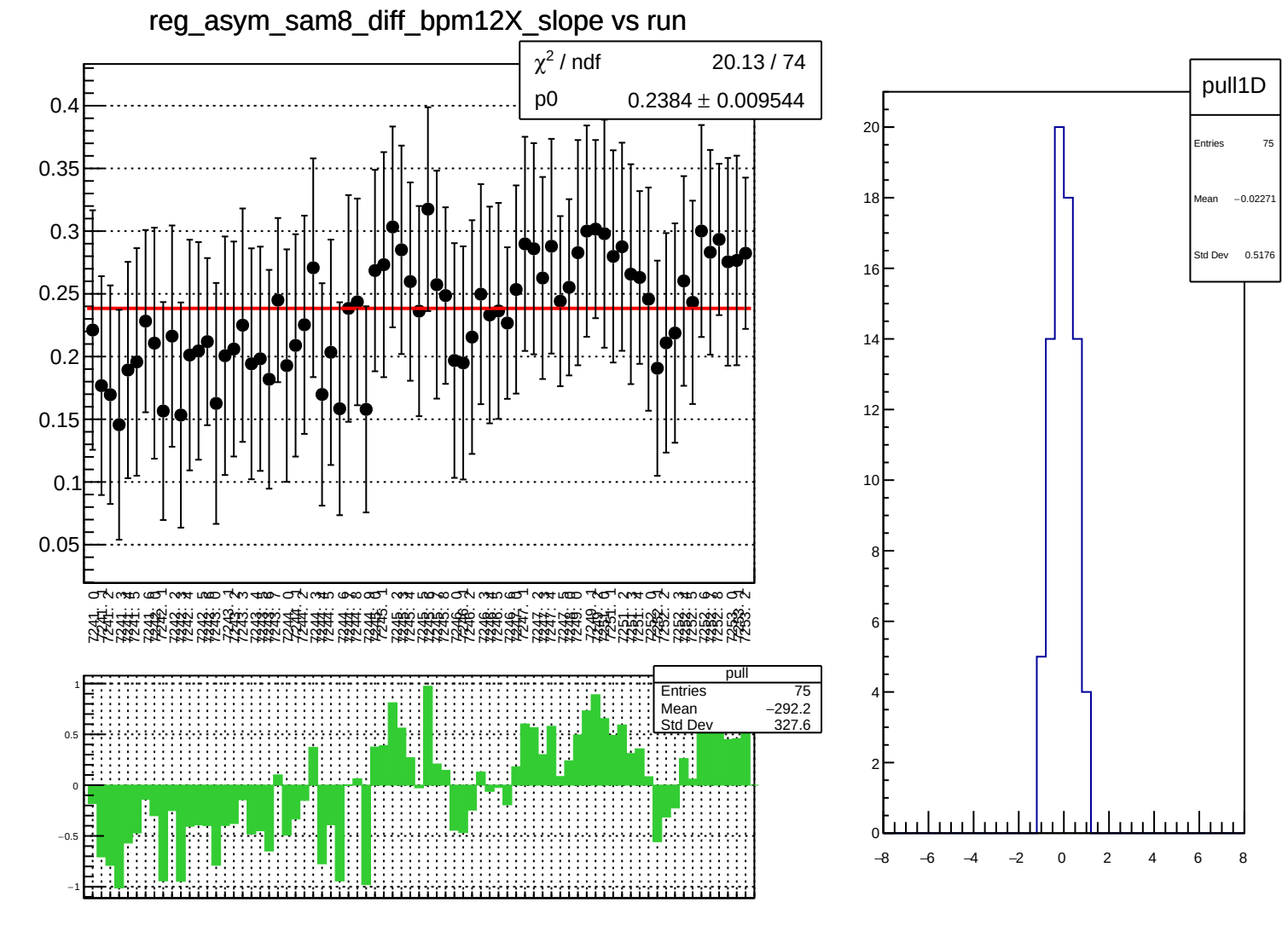

reg_asym_sam8_diff_bpm4aY_slope vs run
χ² / ndf 28.9 / 74
p0 −40.08 ± 0.1938
pull
Entries 75
Mean 24.36
Std Dev 36.16
pull1D
Entries 75
Mean 0.06417
Std Dev 0.6174

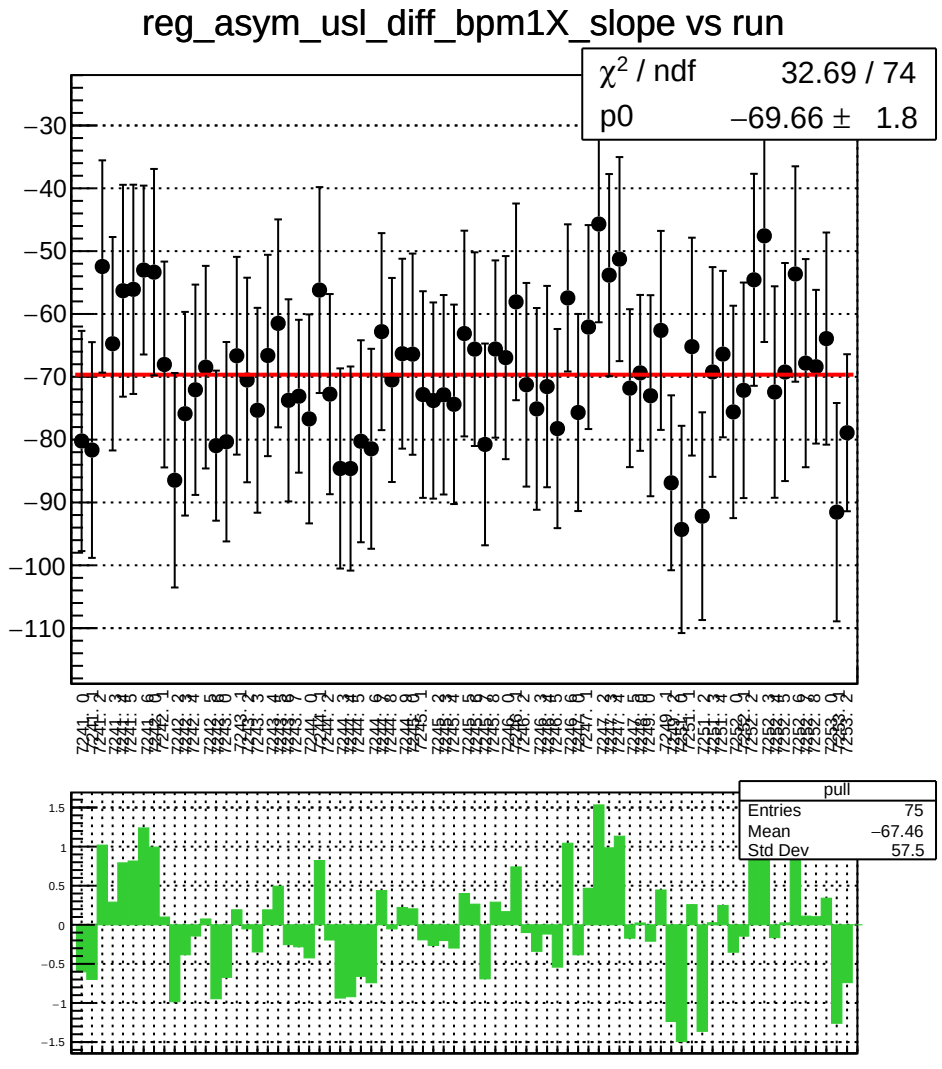

reg_asym_sam8_diff_bpm4eX_slope vs run
χ² / ndf 16.85 / 74
p0 −40.3 ± 0.2635
pull
Entries 75
Mean −276.6
Std Dev 316

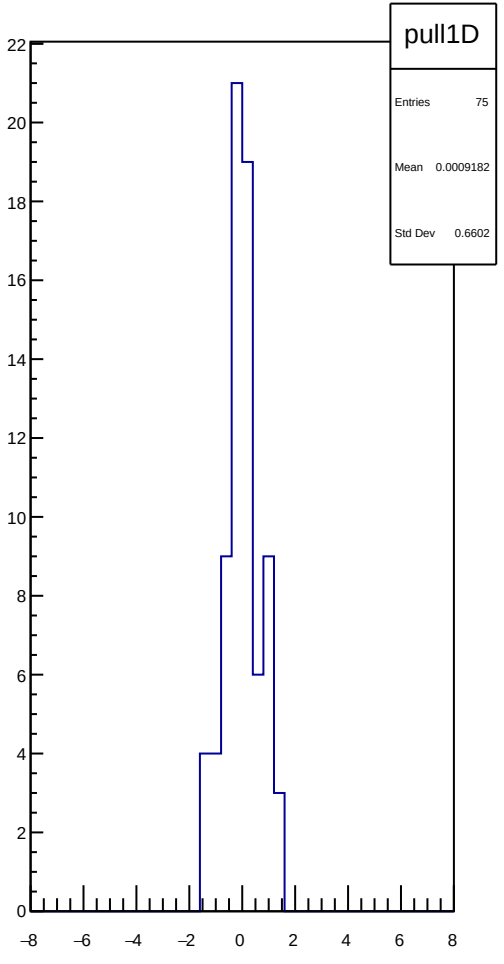

pull1D
Entries 75
Mean −0.008184
Std Dev 0.474

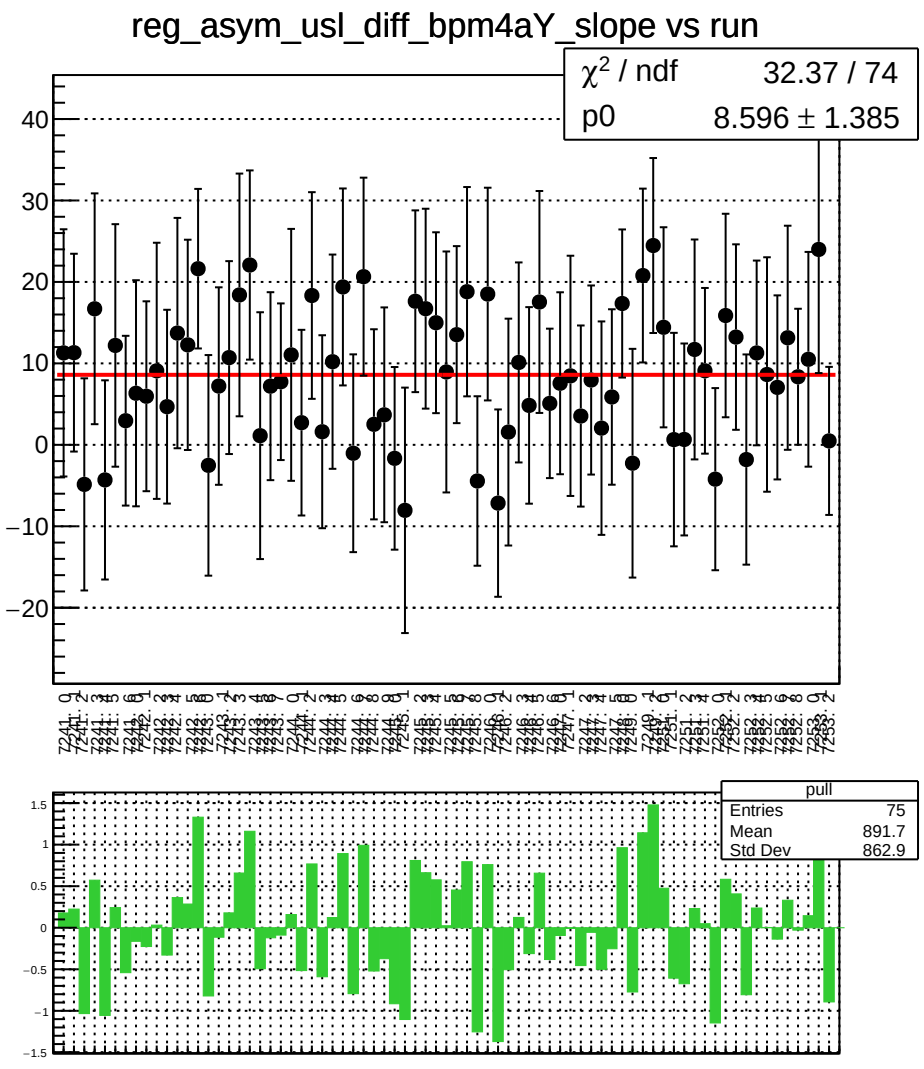

reg_asym_sam8_diff_bpm4eY_slope vs run
χ² / ndf 19.35 / 74
p0 43.98 ± 0.2087
pull
Entries 75
Mean 10.56
Std Dev 40.89

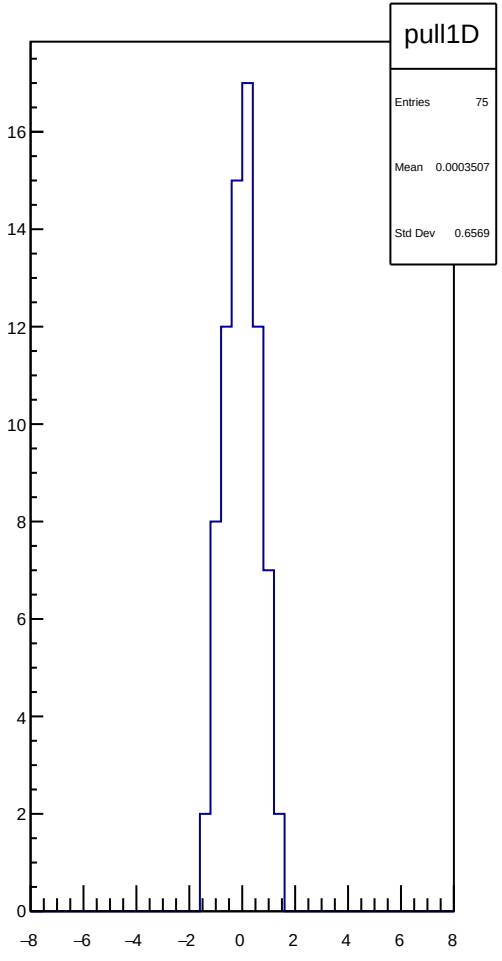

pull1D
Entries 75
Mean −0.03856
Std Dev 0.5064

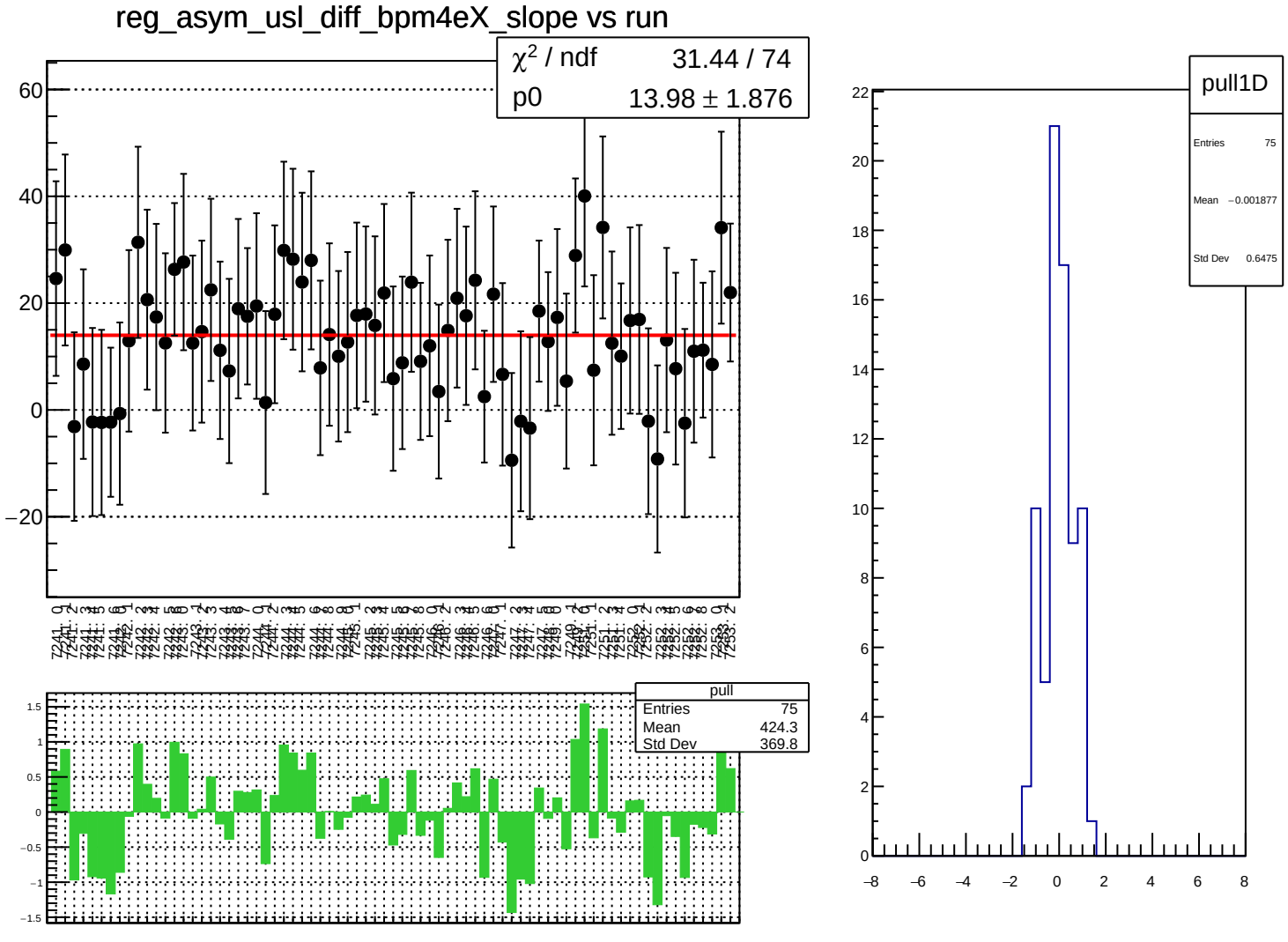

reg_asym_sam8_diff_bpm12X_slope vs run
χ² / ndf 20.13 / 74
p0 0.2384 ± 0.009544
pull
Entries 75
Mean −292.2
Std Dev 327.6
pull1D
Entries 75
Mean −0.02271
Std Dev 0.5176

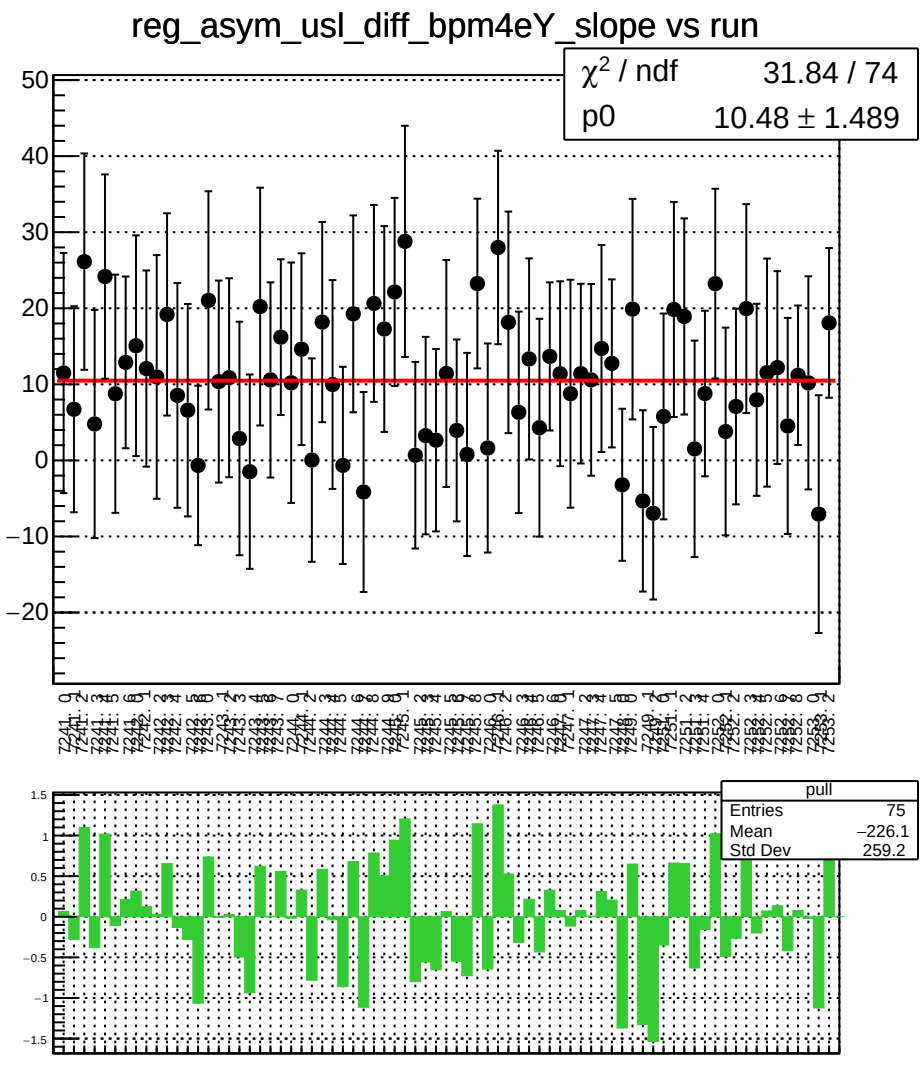

reg_asym_usl_diff_bpm1X_slope vs run
χ² / ndf 32.69 / 74
p0 −69.66 ± 1.8
pull
Entries 75
Mean −67.46
Std Dev 57.5

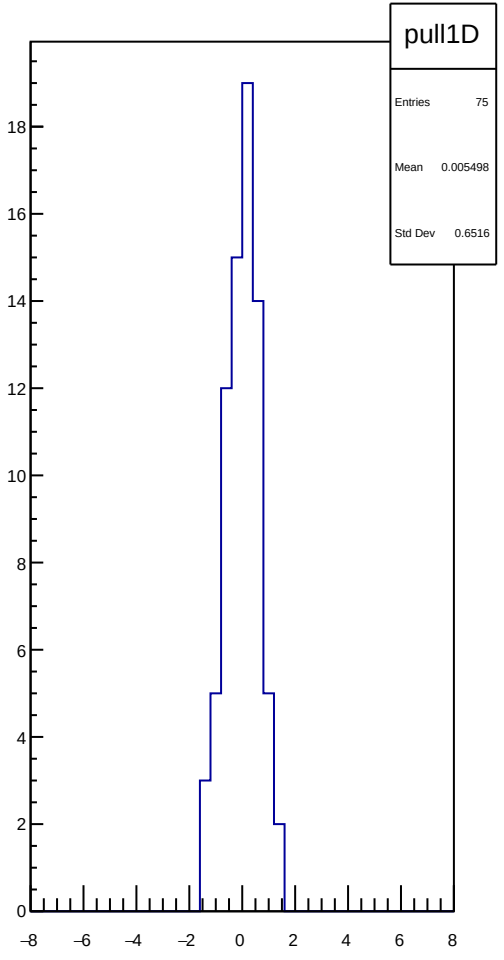

pull1D
Entries 75
Mean 0.0009182
Std Dev 0.6602

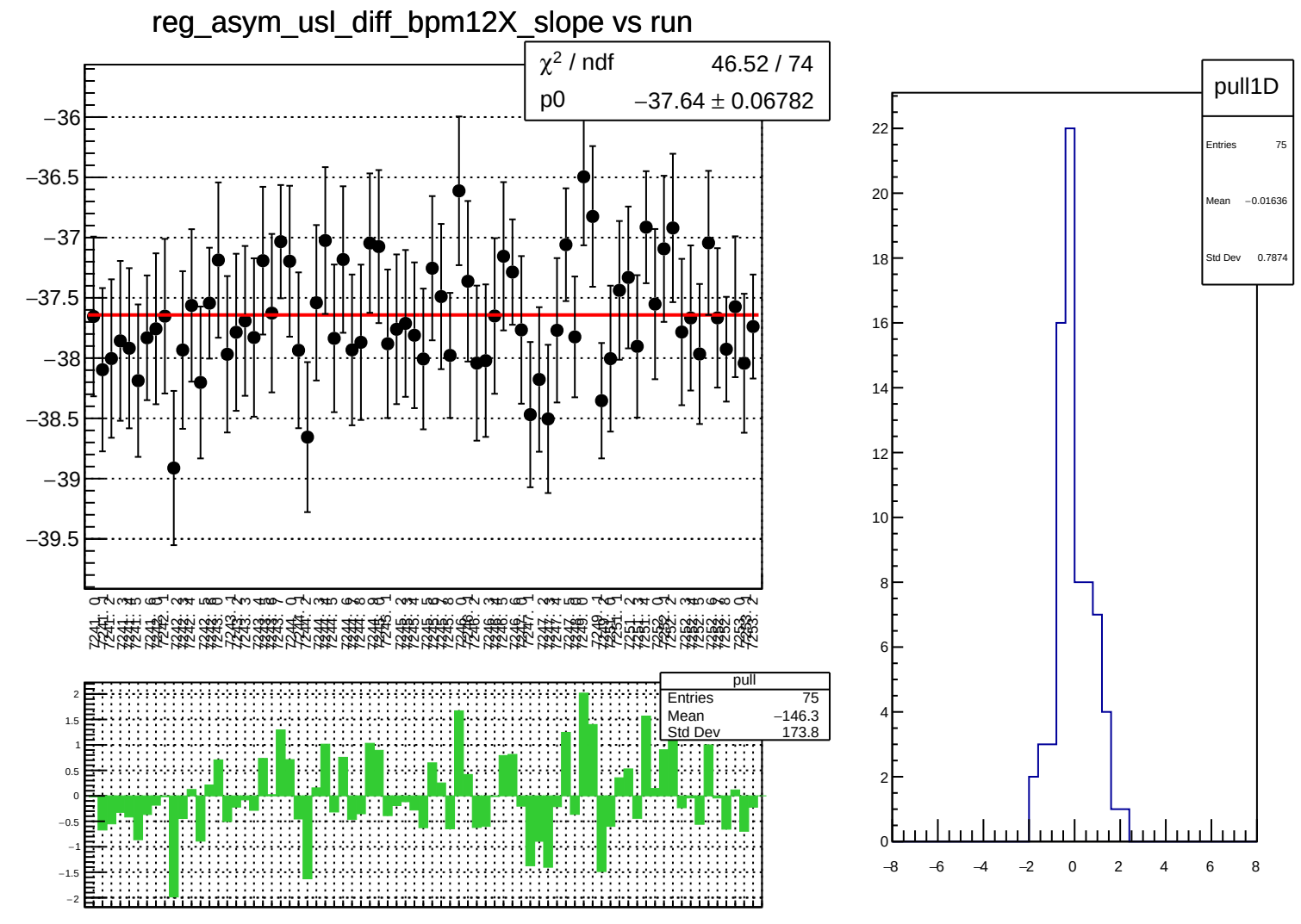

reg_asym_usl_diff_bpm4aY_slope vs run
χ² / ndf 32.37 / 74
p0 8.596 ± 1.385
pull
Entries 75
Mean 891.7
Std Dev 862.9

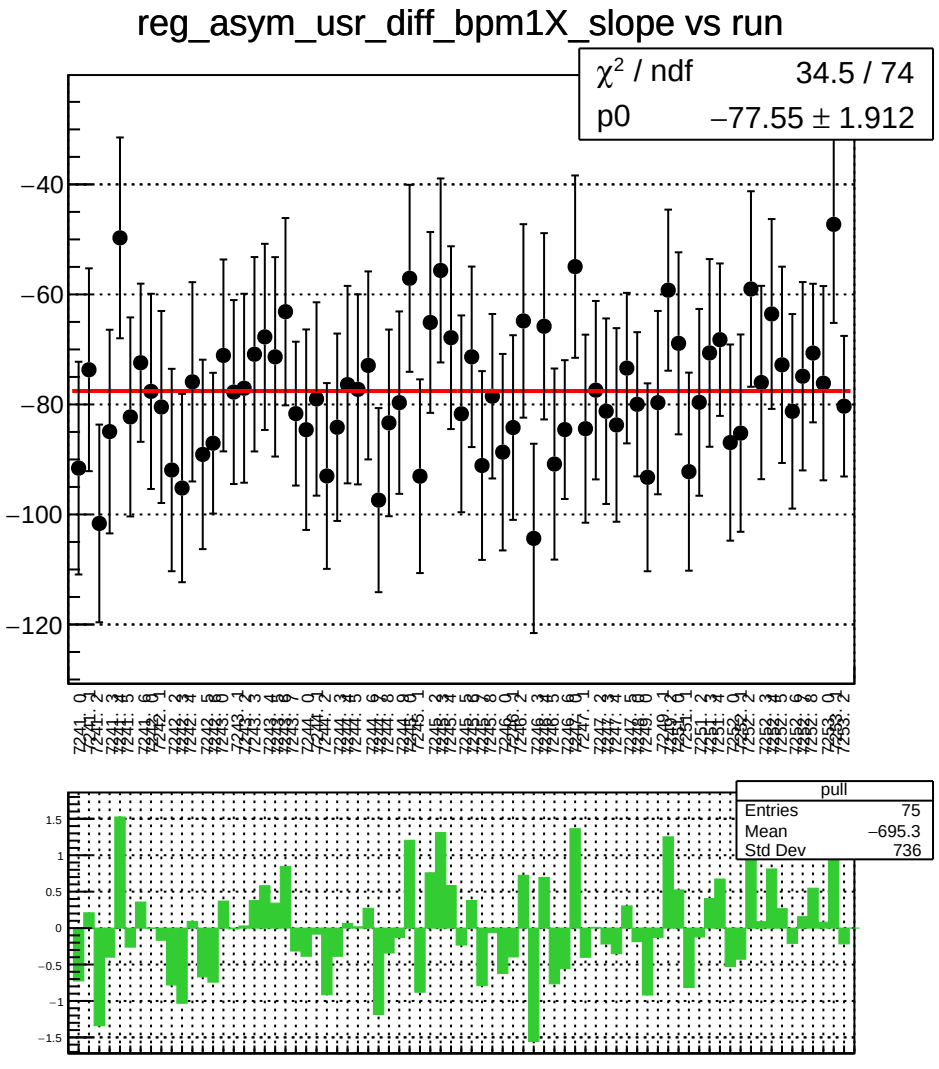

pull1D
Entries 75
Mean 0.0003507
Std Dev 0.6569

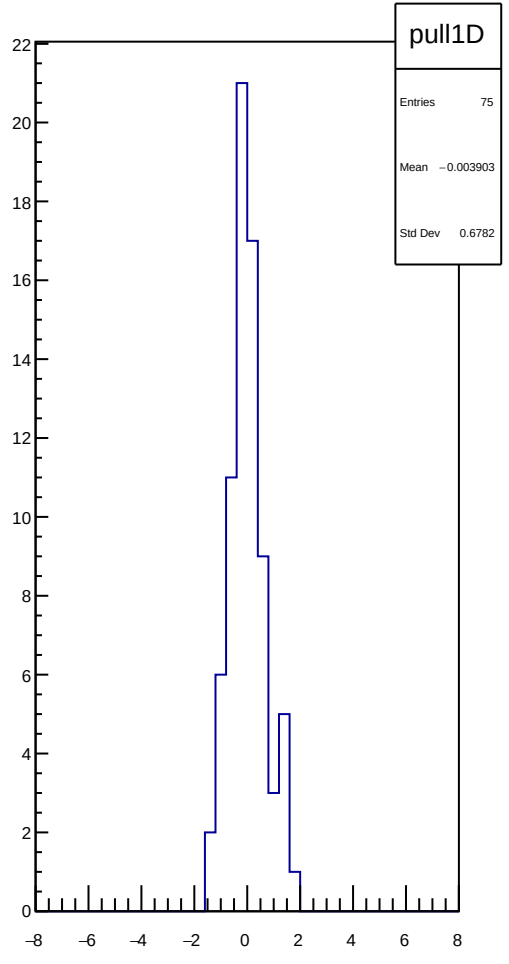

reg_asym_usl_diff_bpm4eX_slope vs run
χ² / ndf 31.44 / 74
p0 13.98 ± 1.876
pull
Entries 75
Mean 424.3
Std Dev 369.8
pull1D
Entries 75
Mean −0.001877
Std Dev 0.6475

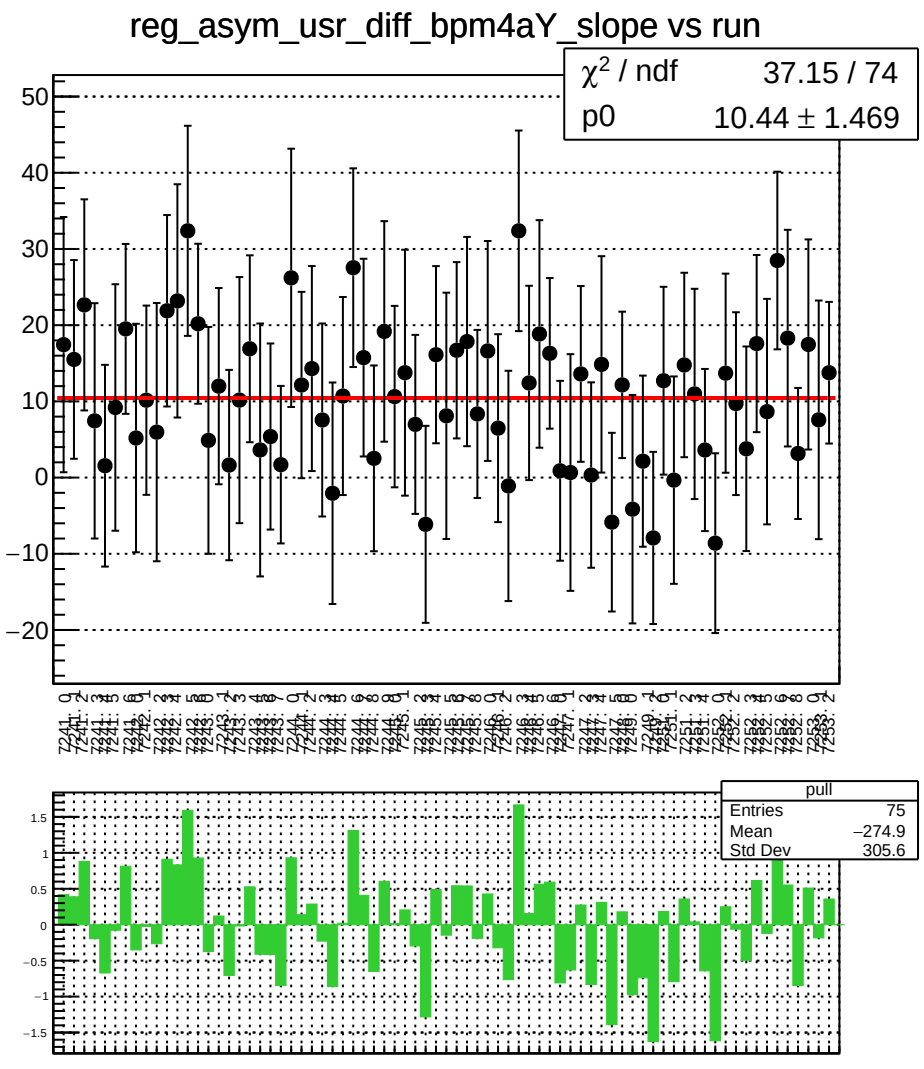

reg_asym_usl_diff_bpm4eY_slope vs run
χ² / ndf 31.84 / 74
p0 10.48 ± 1.489
pull
Entries 75
Mean −226.1
Std Dev 259.2

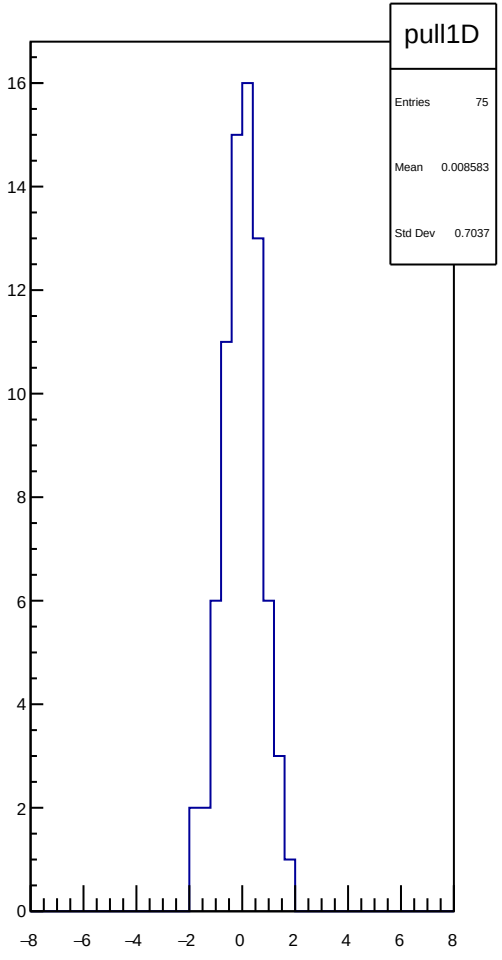

pull1D
Entries 75
Mean 0.005498
Std Dev 0.6516

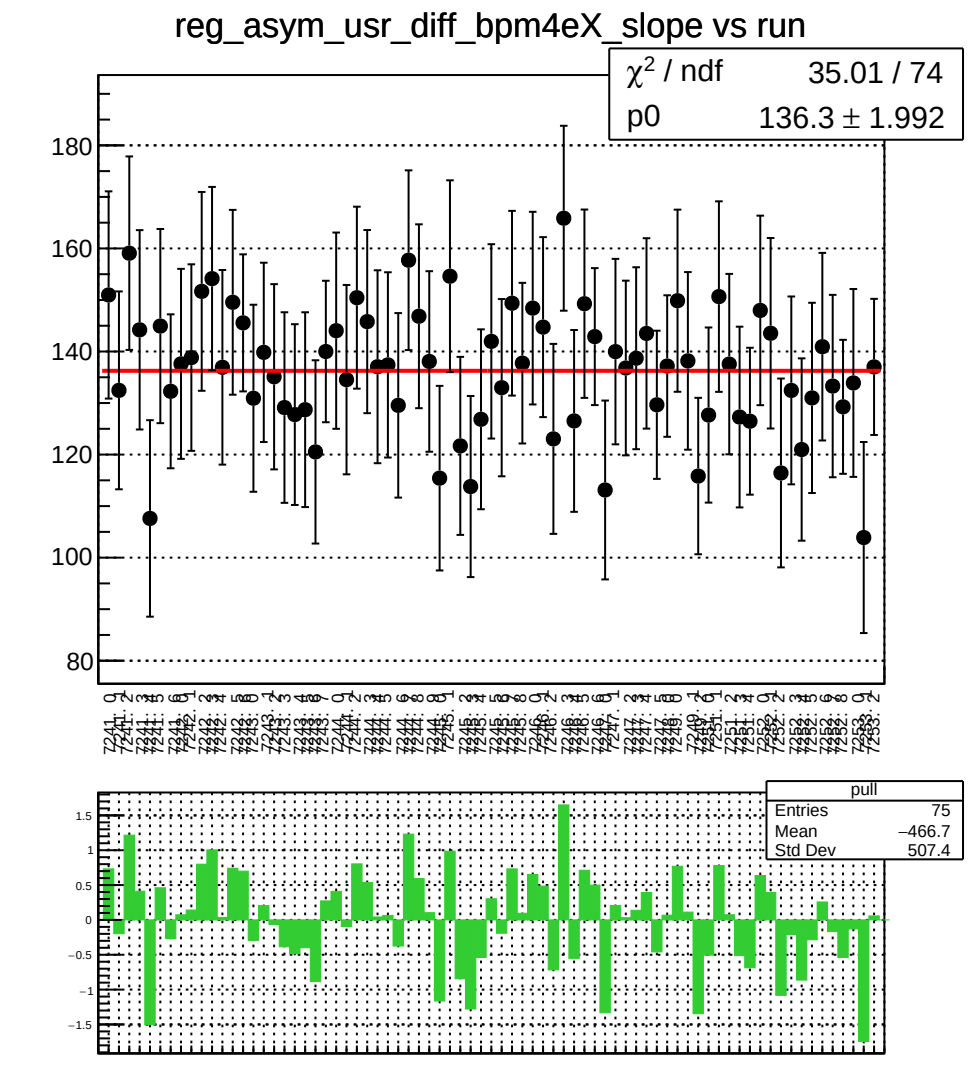

reg_asym_usl_diff_bpm12X_slope vs run
χ² / ndf 46.52 / 74
p0 −37.64 ± 0.06782
pull
Entries 75
Mean −146.3
Std Dev 173.8
pull1D
Entries 75
Mean −0.01636
Std Dev 0.7874

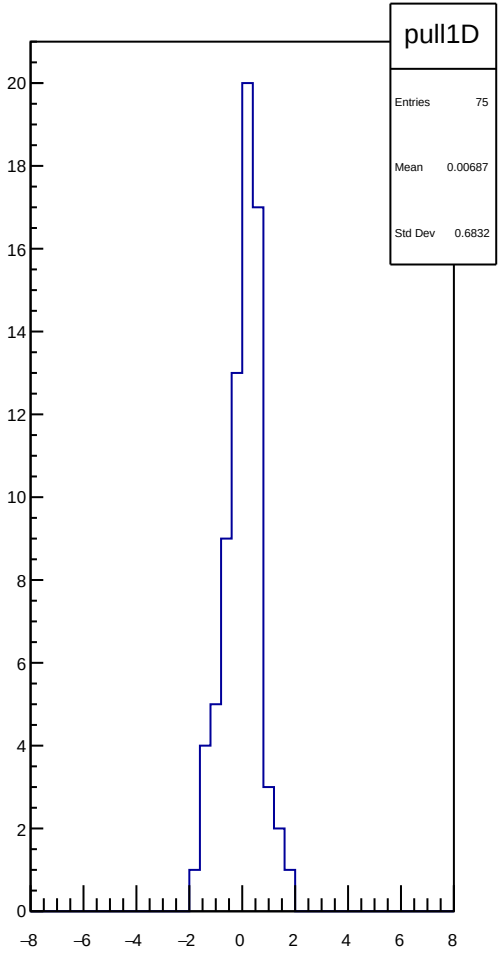

reg_asym_usr_diff_bpm1X_slope vs run
χ² / ndf 34.5 / 74
p0 −77.55 ± 1.912
−40
−60
−80
−100
−120
pull
Entries 75
Mean −695.3
Std Dev 736
1.5
1
0.5
0
−0.5
−1
−1.5

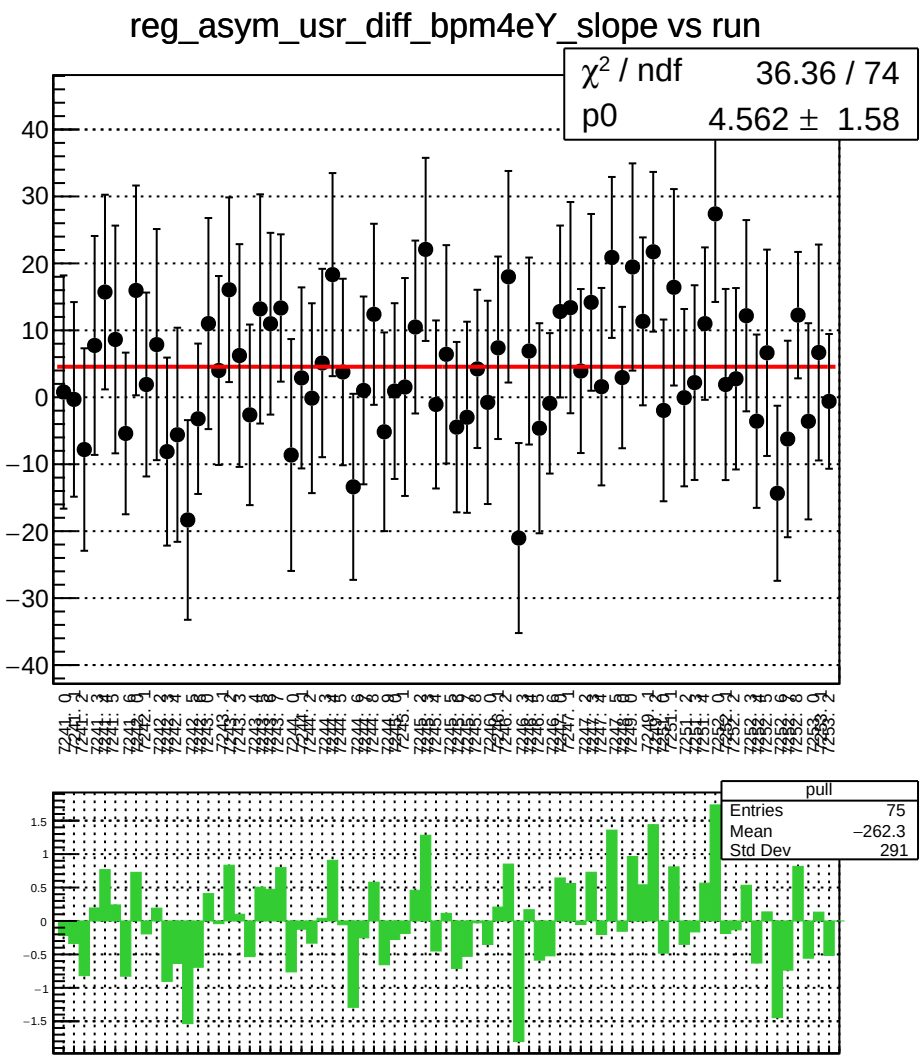

pull1D
Entries 75
Mean −0.003903
Std Dev 0.6782
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

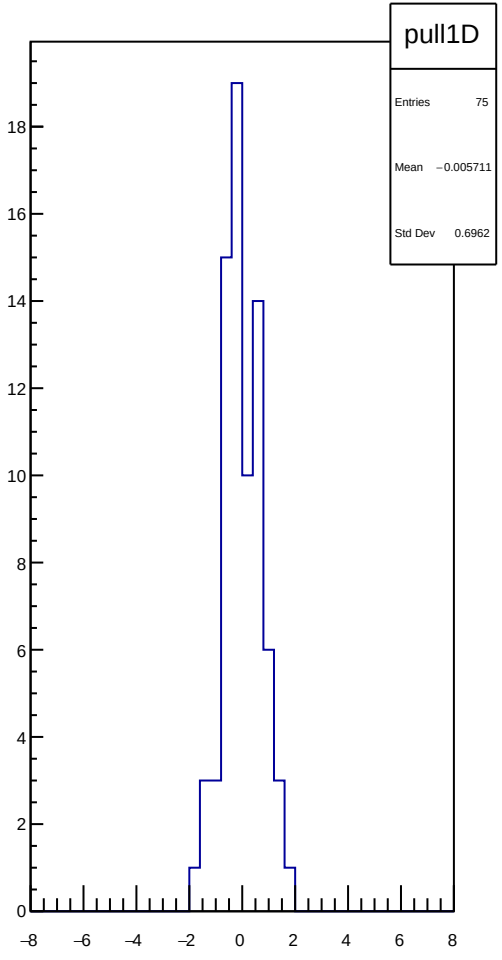

reg_asym_usr_diff_bpm4aY_slope vs run
χ² / ndf 37.15 / 74
p0 10.44 ± 1.469
pull
Entries 75
Mean −274.9
Std Dev 305.6

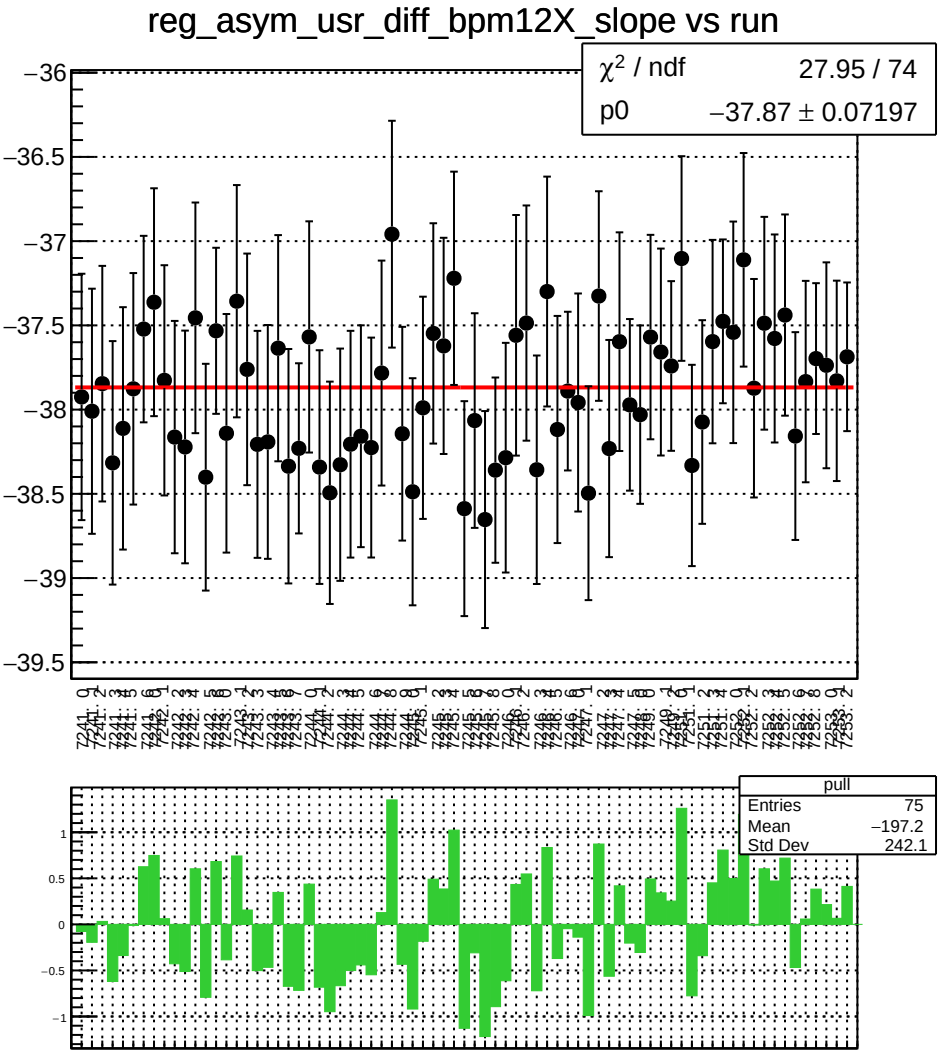

pull1D
Entries 75
Mean 0.008583
Std Dev 0.7037

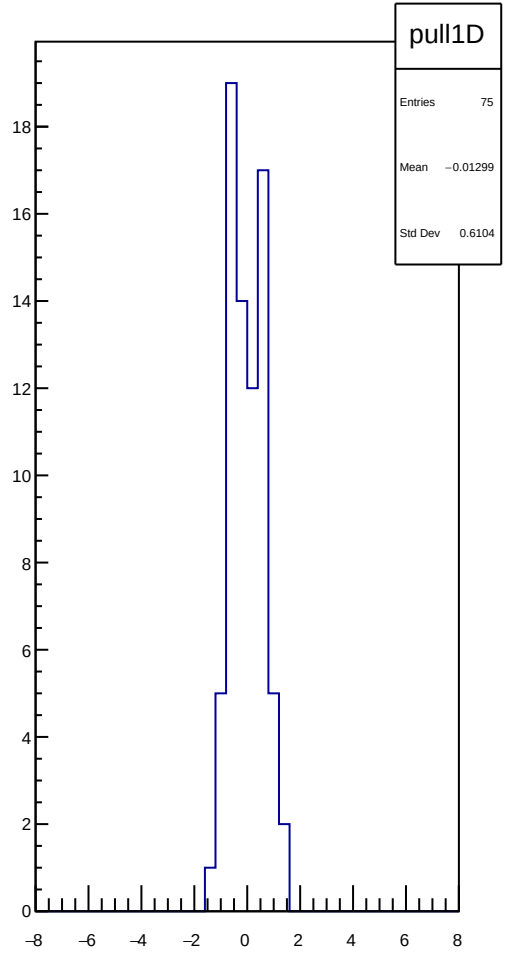

reg_asym_usr_diff_bpm4eX_slope vs run
χ² / ndf 35.01 / 74
p0 136.3 ± 1.992
pull
Entries 75
Mean −466.7
Std Dev 507.4

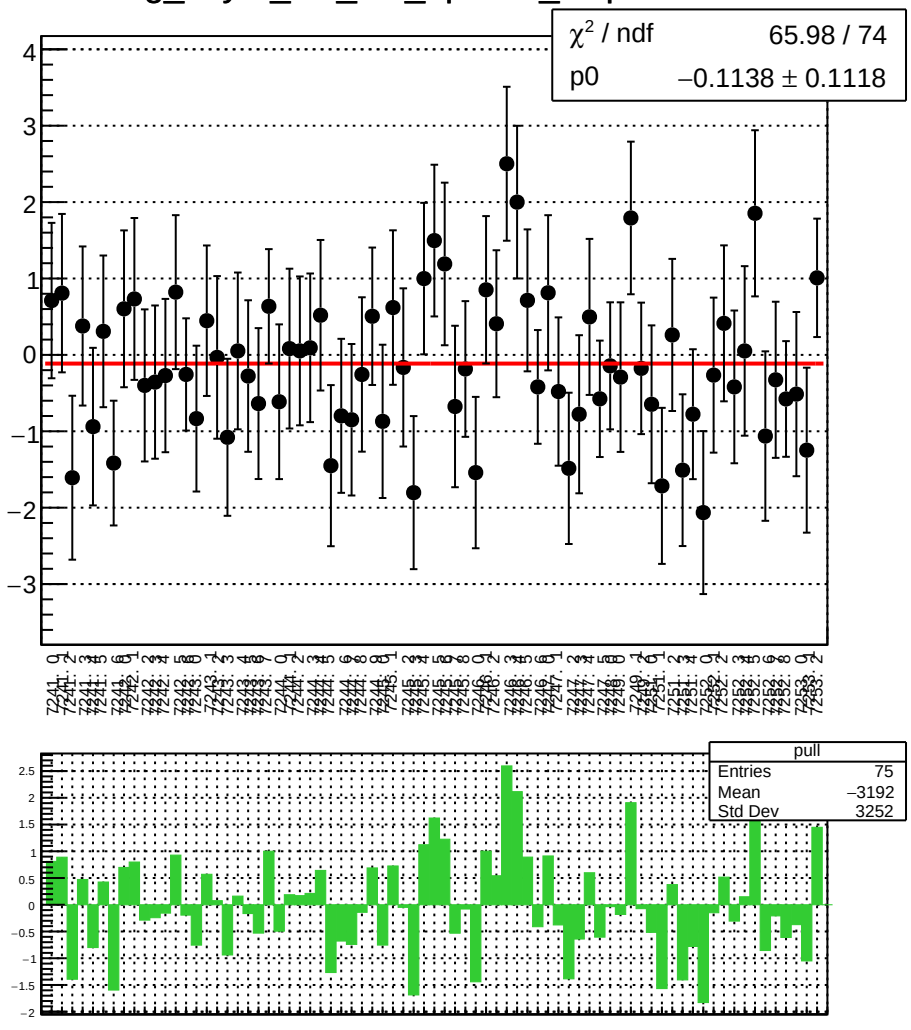

pull1D
Entries 75
Mean 0.00687
Std Dev 0.6832

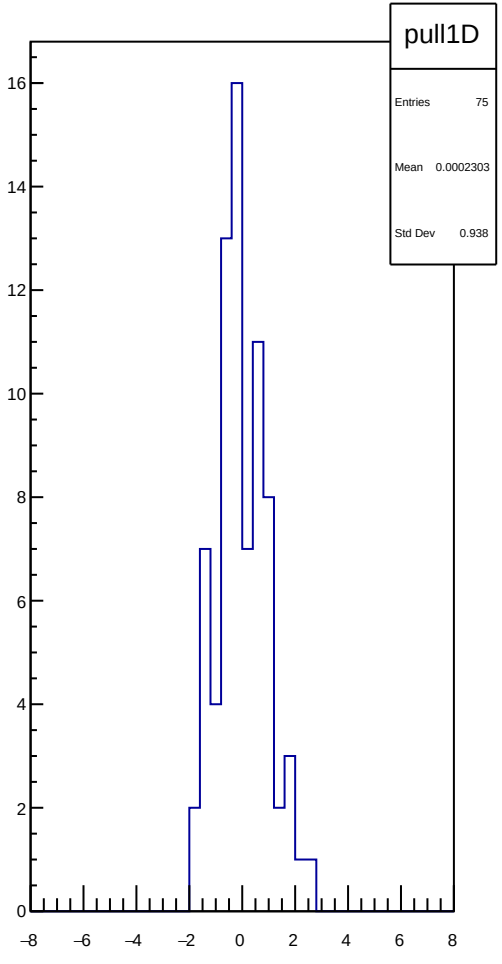

reg_asym_usr_diff_bpm4eY_slope vs run
χ² / ndf 36.36 / 74
p0 4.562 ± 1.58
pull
Entries 75
Mean −262.3
Std Dev 291

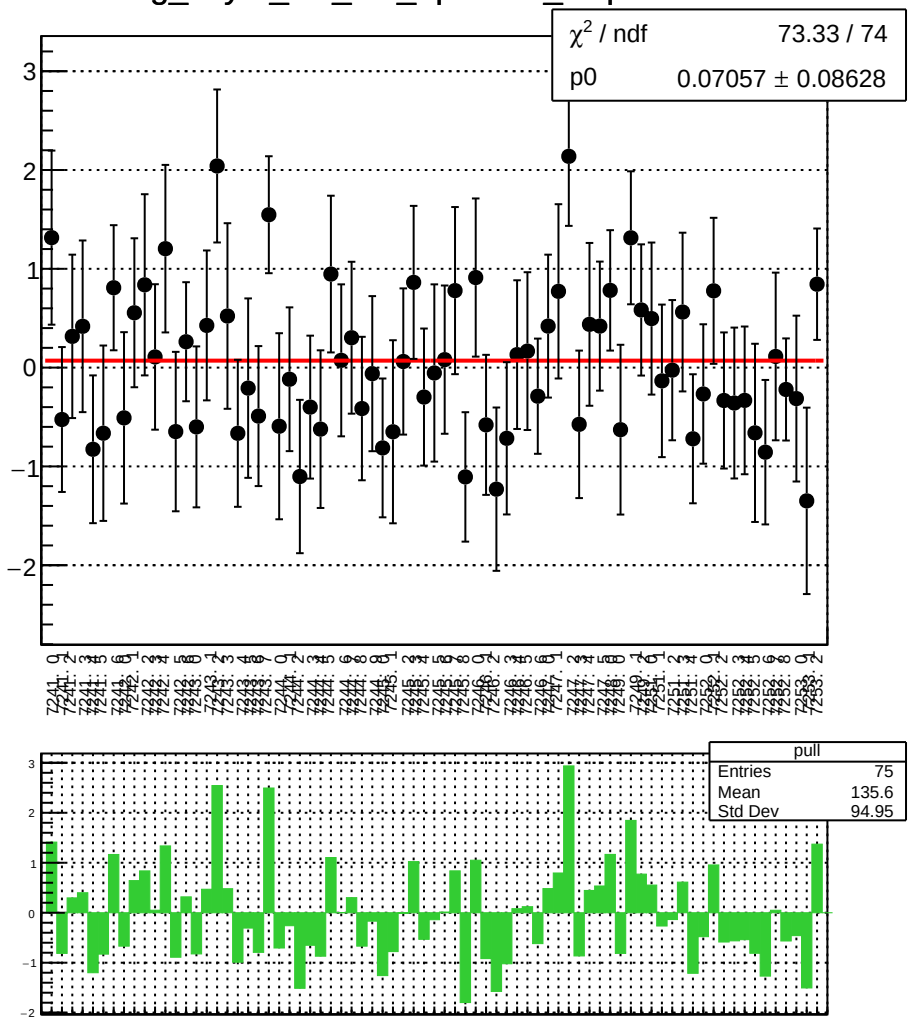

pull1D
Entries 75
Mean −0.005711
Std Dev 0.6962

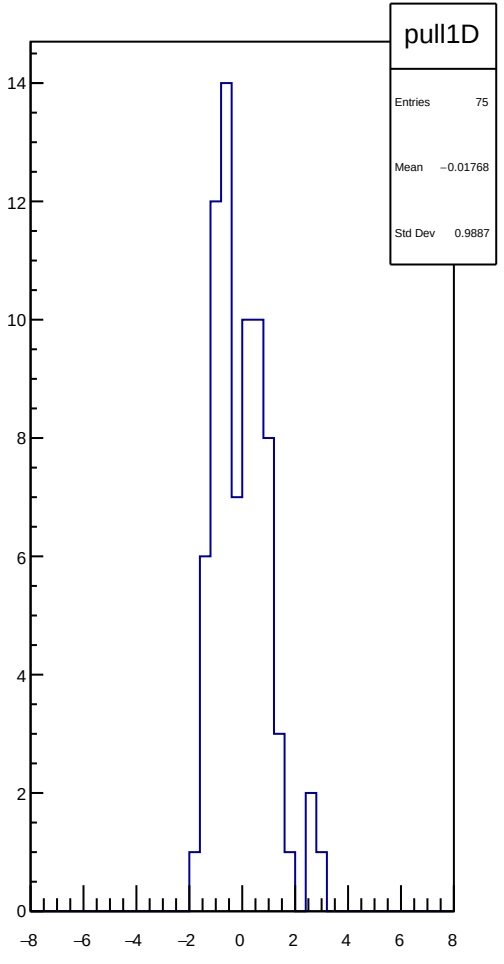

reg_asym_usr_diff_bpm12X_slope vs run
χ^2 / ndf 27.95 / 74
p0 −37.87 ± 0.07197
pull
Entries 75
Mean −197.2
Std Dev 242.1

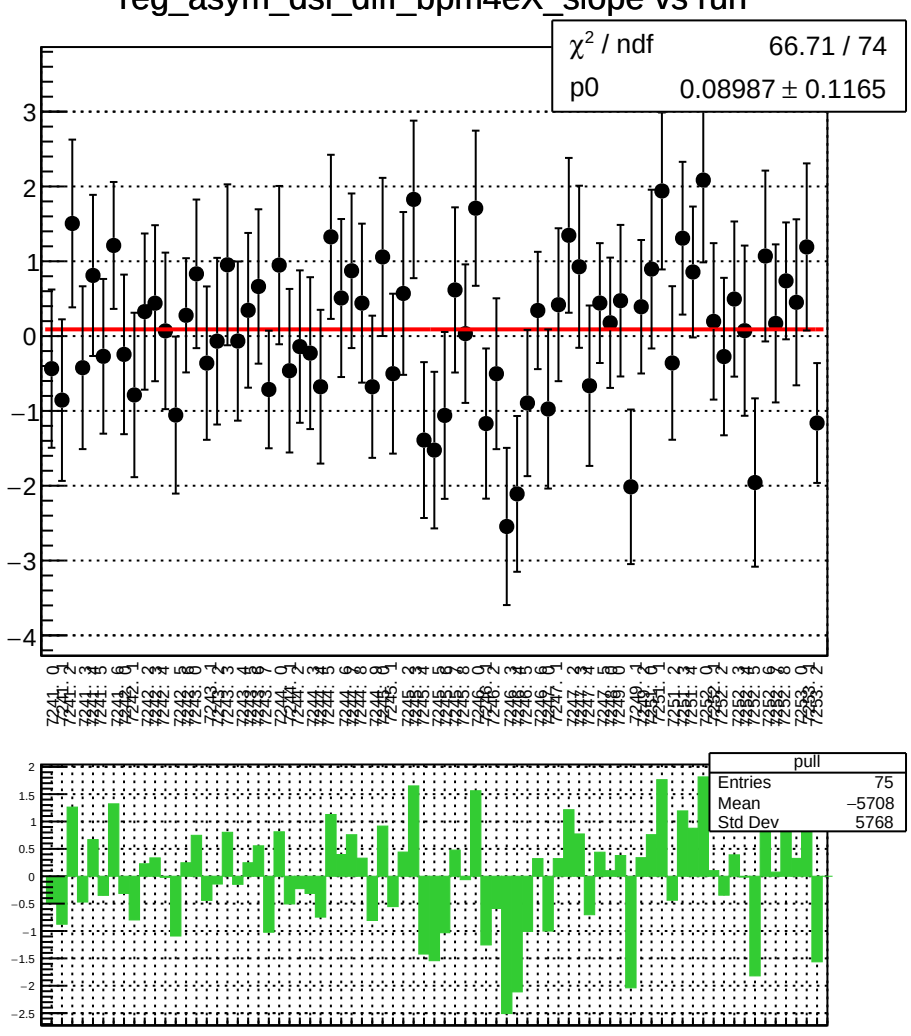

pull1D
Entries 75
Mean −0.01299
Std Dev 0.6104

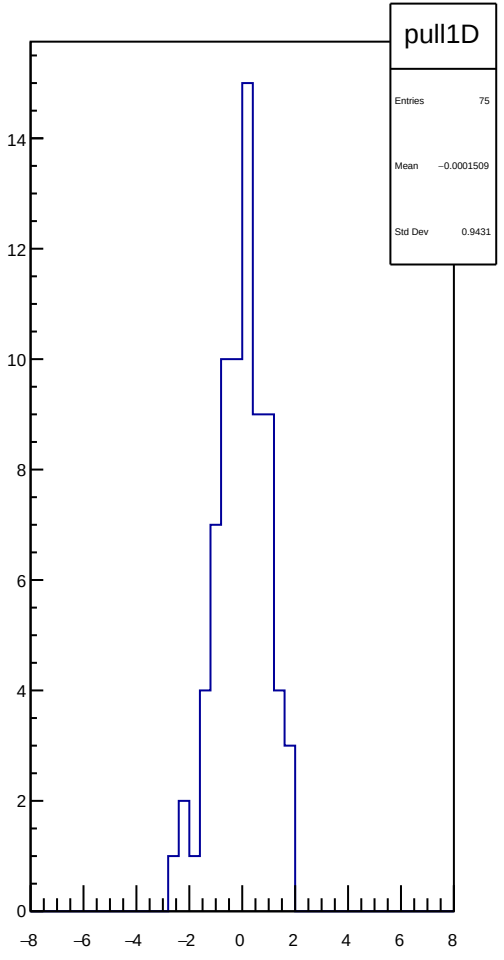

reg_asym_dsl_diff_bpm1X_slope vs run
χ² / ndf 65.98 / 74
p0 −0.1138 ± 0.1118
pull
Entries 75
Mean −3192
Std Dev 3252

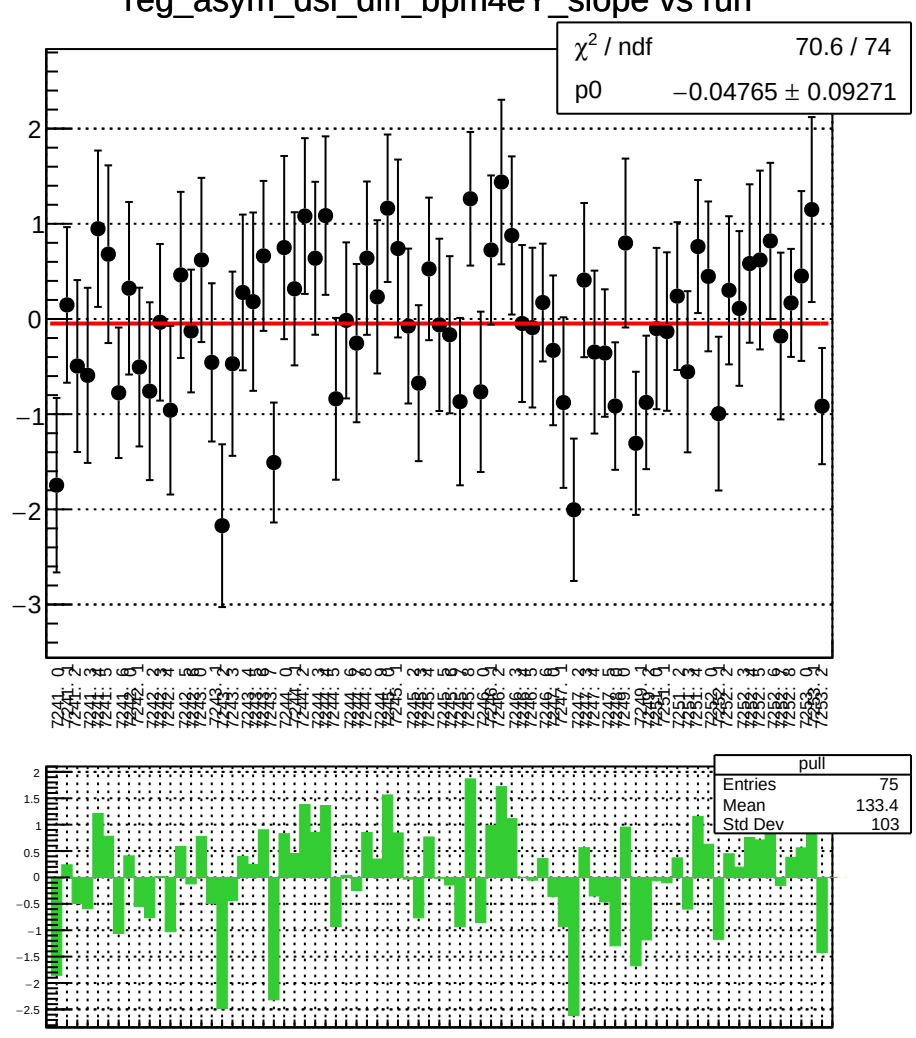

pull1D
Entries 75
Mean 0.0002303
Std Dev 0.938

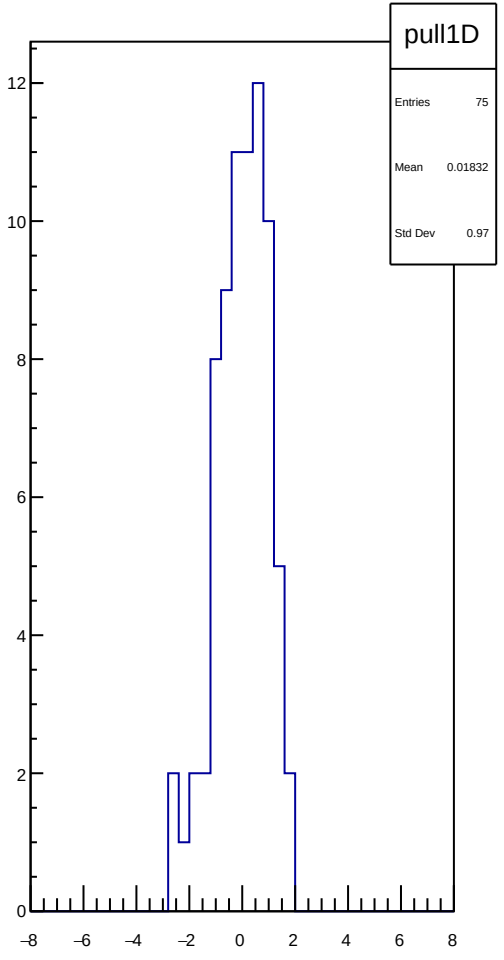

reg_asym_dsl_diff_bpm4aY_slope vs run
χ² / ndf 73.33 / 74
p0 0.07057 ± 0.08628
pull
Entries 75
Mean 135.6
Std Dev 94.95

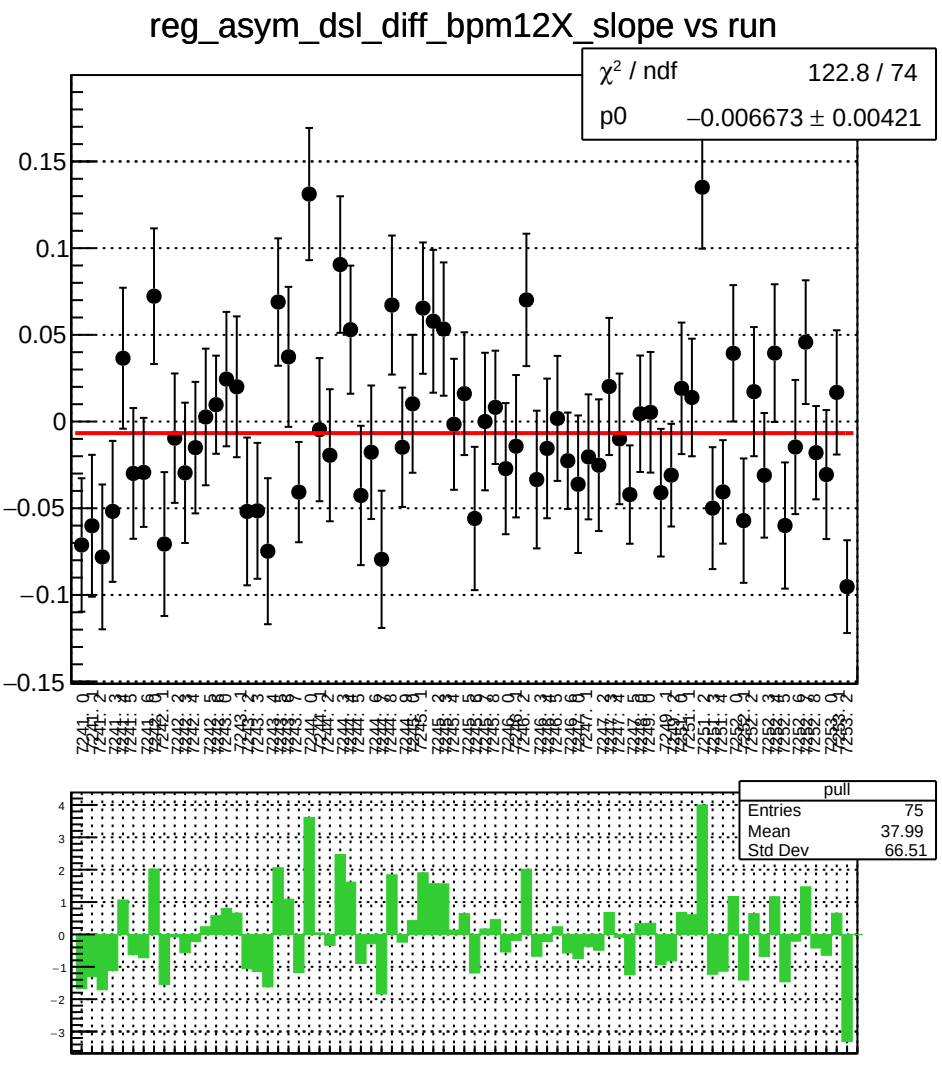

pull1D
Entries 75
Mean −0.01768
Std Dev 0.9887

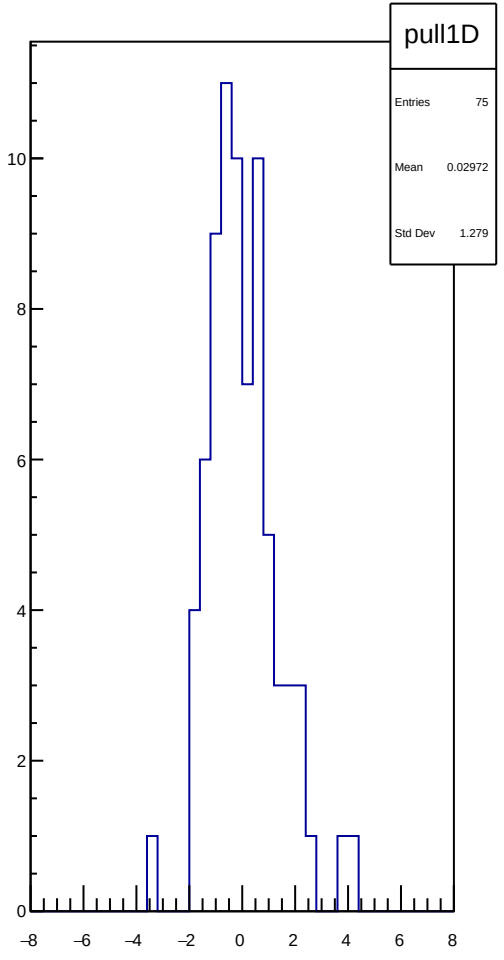

reg_asym_dsl_diff_bpm4eX_slope vs run
χ² / ndf 66.71 / 74
p0 0.08987 ± 0.1165
pull
Entries 75
Mean −5708
Std Dev 5768

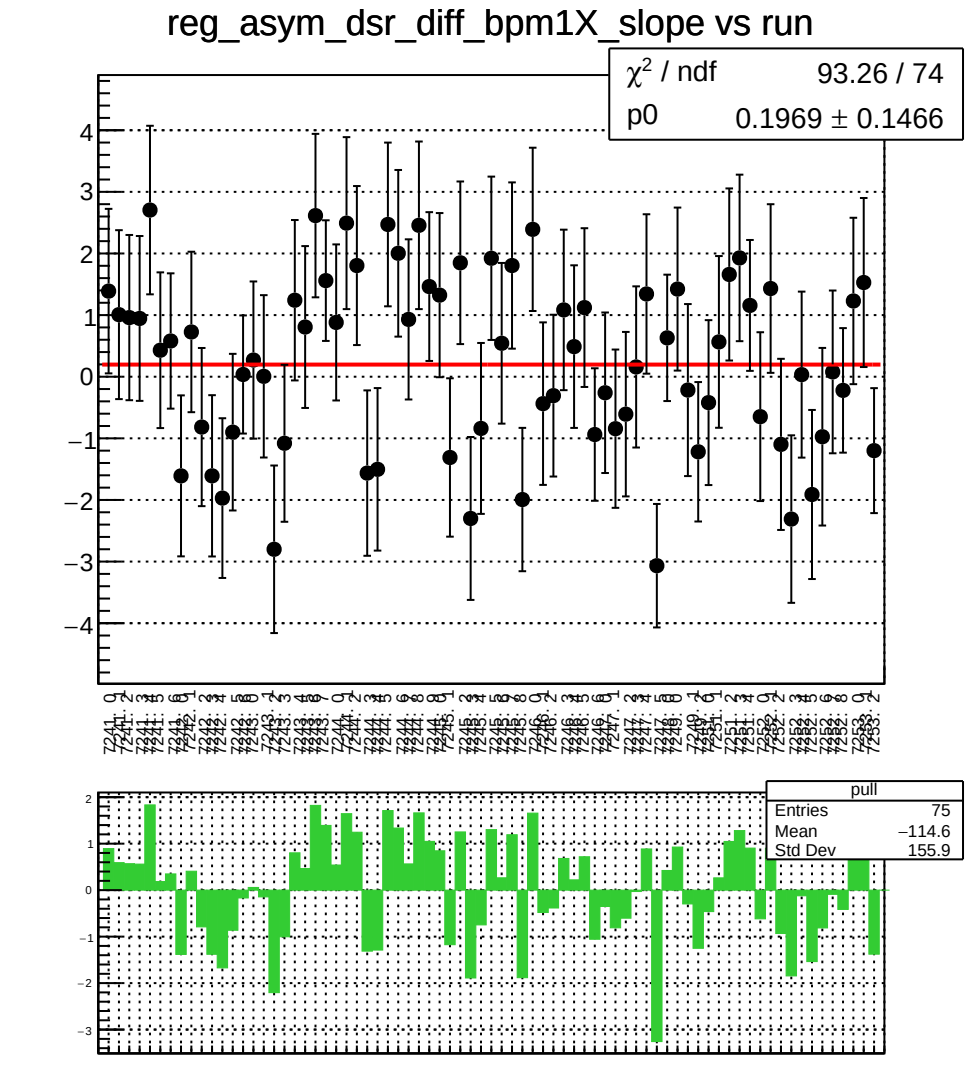

pull1D
Entries 75
Mean −0.0001509
Std Dev 0.9431

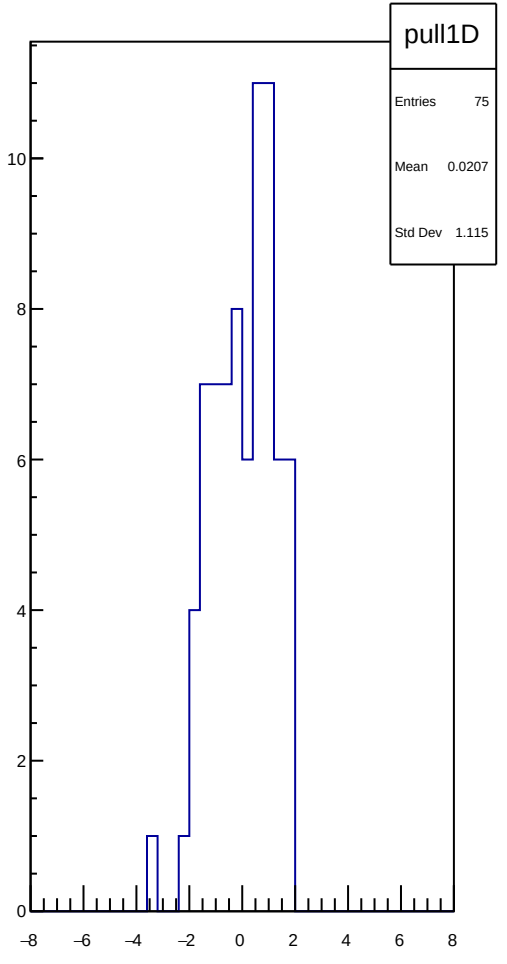

reg_asym_dsl_diff_bpm4eY_slope vs run
χ² / ndf 70.6 / 74
p0 −0.04765 ± 0.09271
pull
Entries 75
Mean 133.4
Std Dev 103

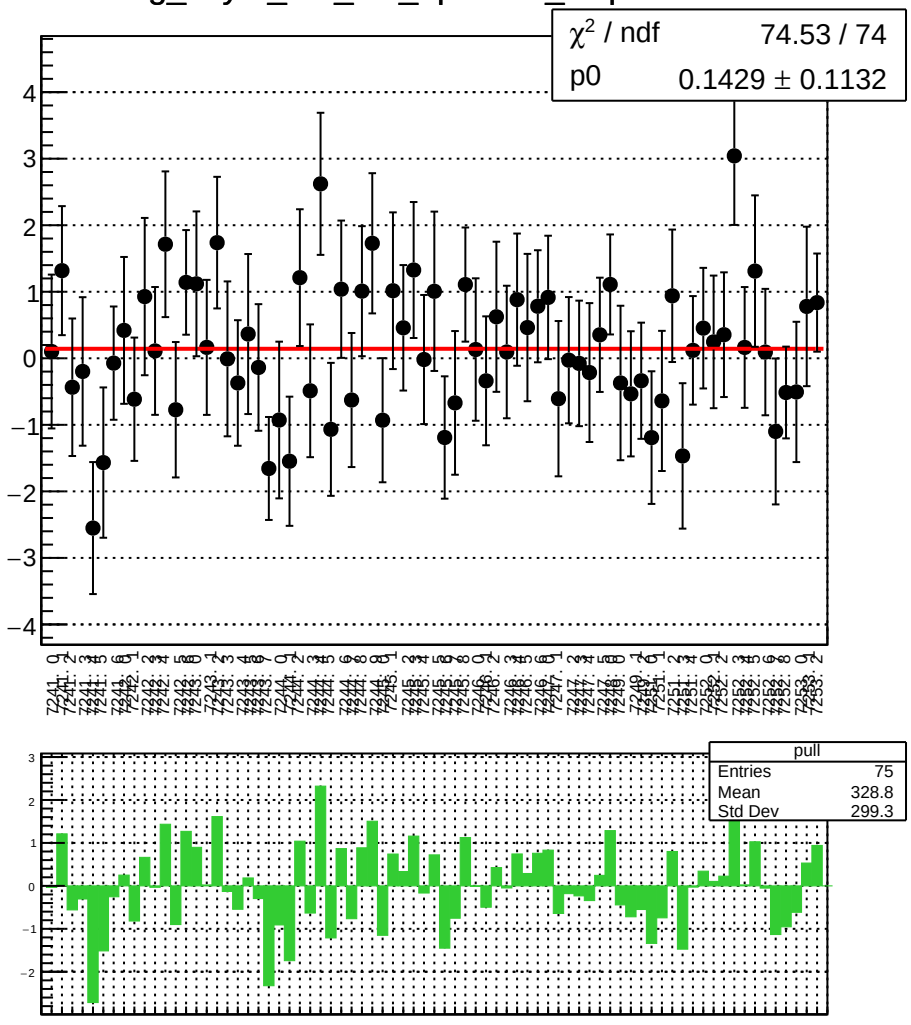

pull1D
Entries 75
Mean 0.01832
Std Dev 0.97

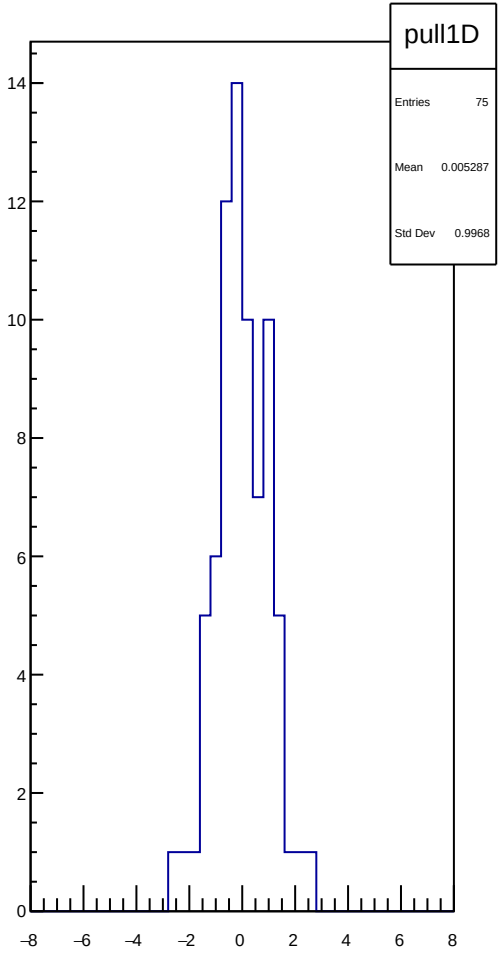

reg_asym_dsl_diff_bpm12X_slope vs run
χ² / ndf 122.8 / 74
p0 −0.006673 ± 0.00421
pull
Entries 75
Mean 37.99
Std Dev 66.51

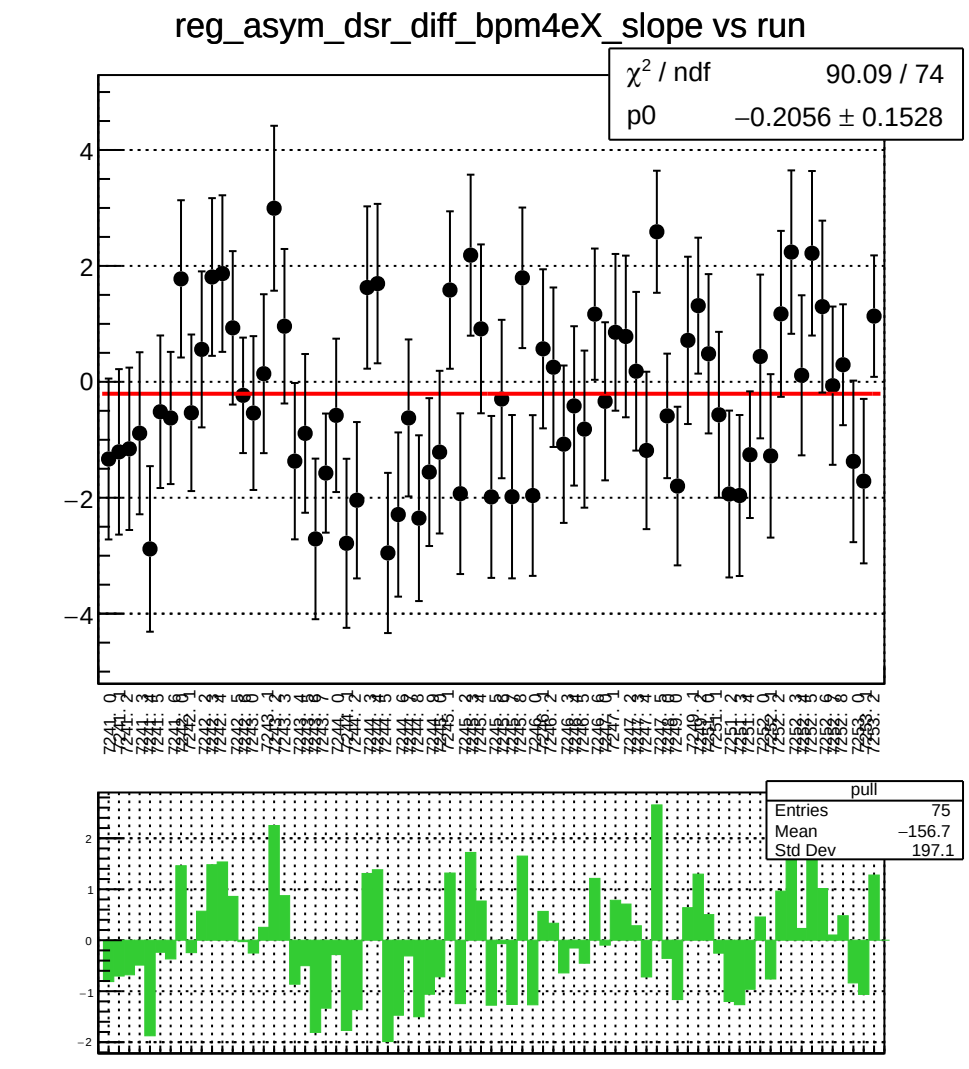

pull1D
Entries 75
Mean 0.02972
Std Dev 1.279

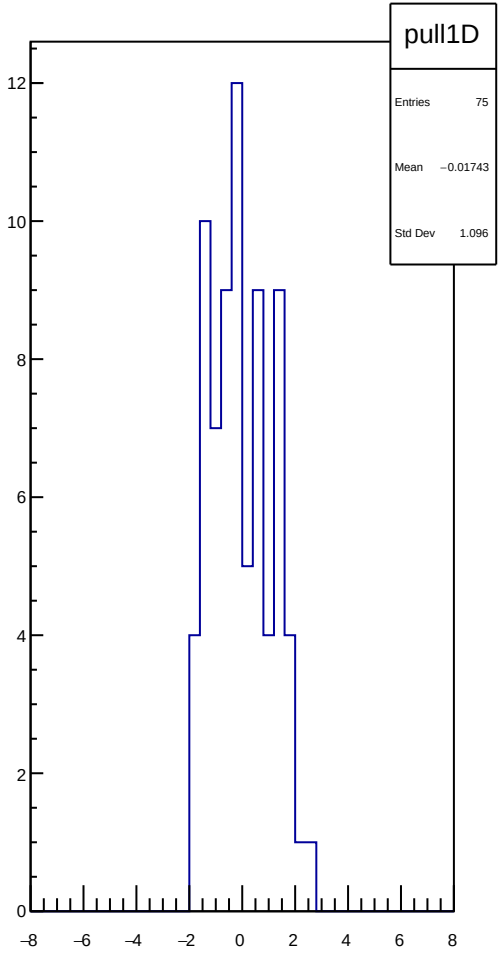

reg_asym_dsr_diff_bpm1X_slope vs run
χ² / ndf 93.26 / 74
p0 0.1969 ± 0.1466
pull
Entries 75
Mean −114.6
Std Dev 155.9

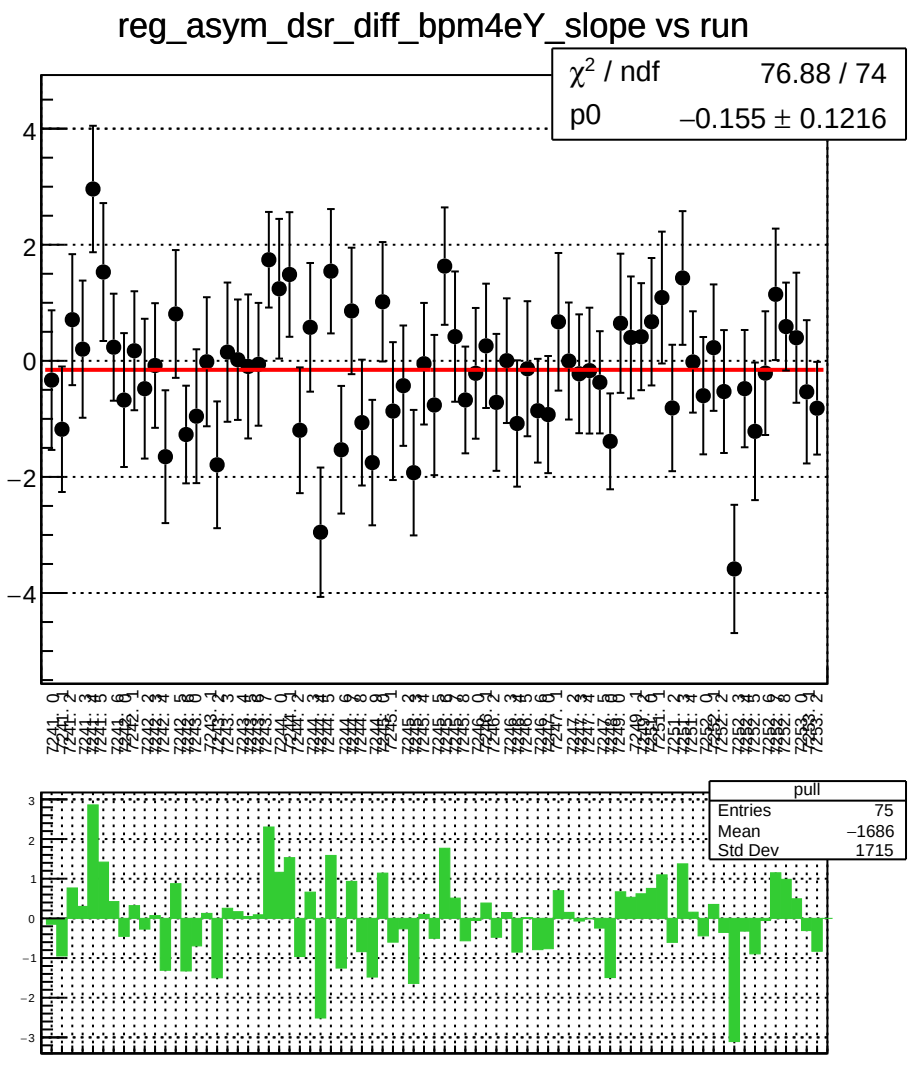

pull1D
Entries 75
Mean 0.0207
Std Dev 1.115

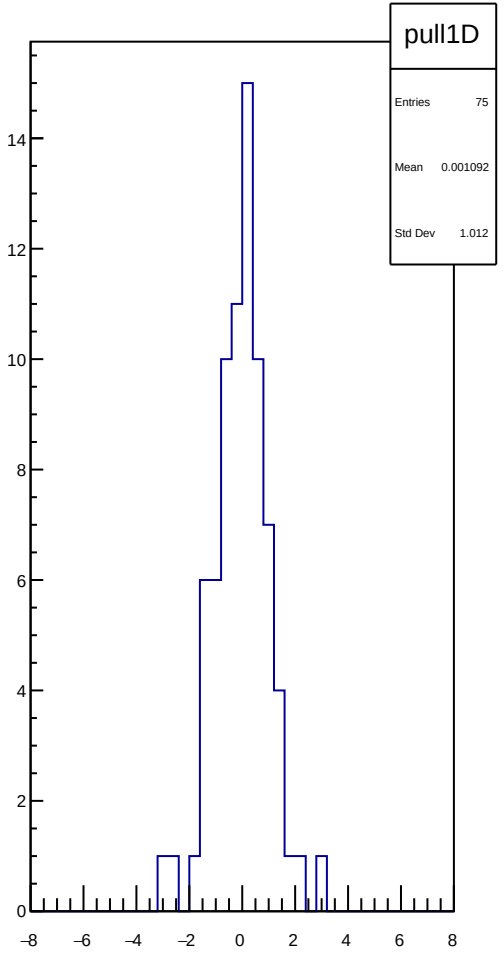

reg_asym_dsr_diff_bpm4aY_slope vs run
χ² / ndf 74.53 / 74
p0 0.1429 ± 0.1132
pull
Entries 75
Mean 328.8
Std Dev 299.3

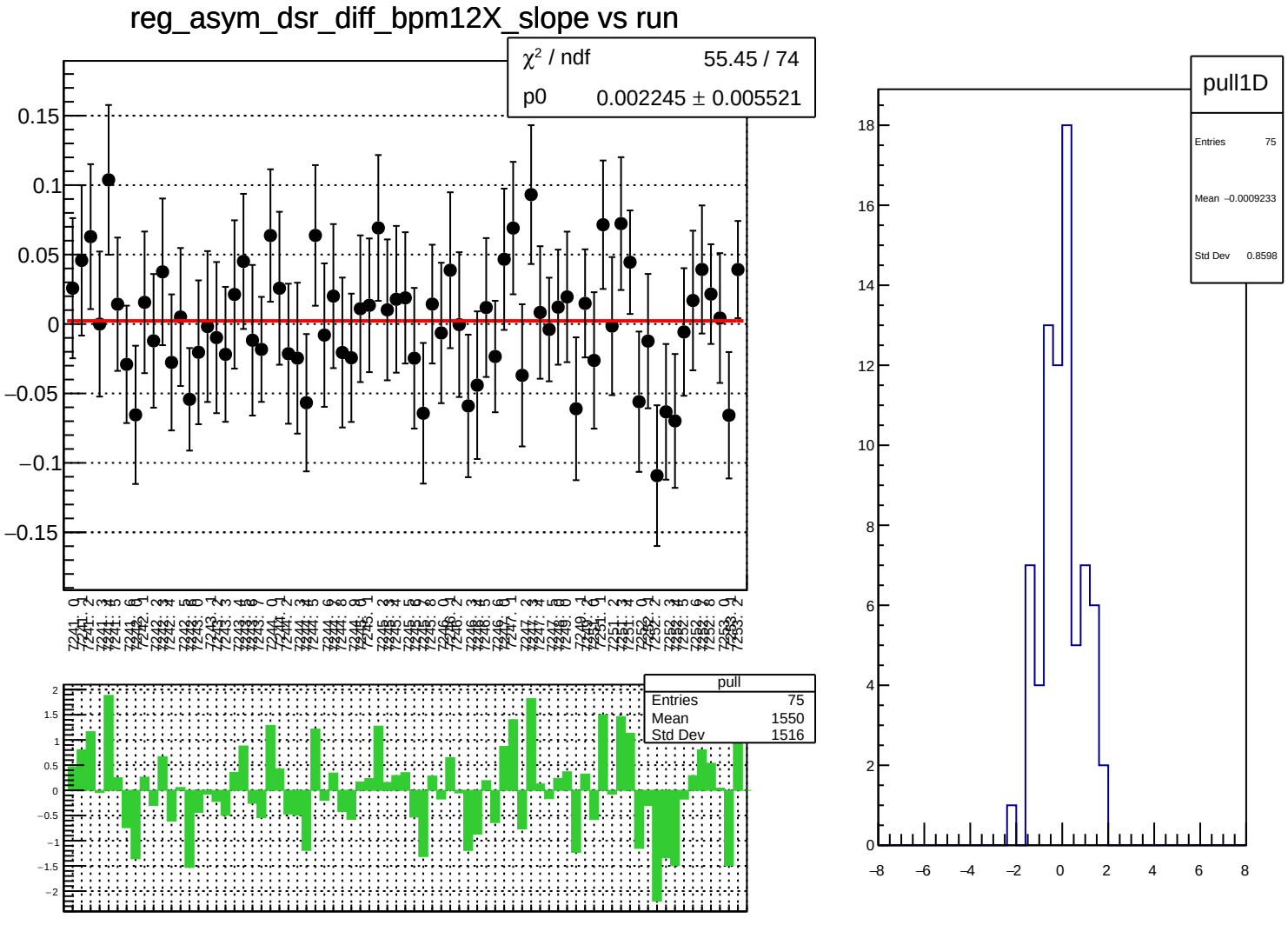

pull1D
Entries 75
Mean 0.005287
Std Dev 0.9968

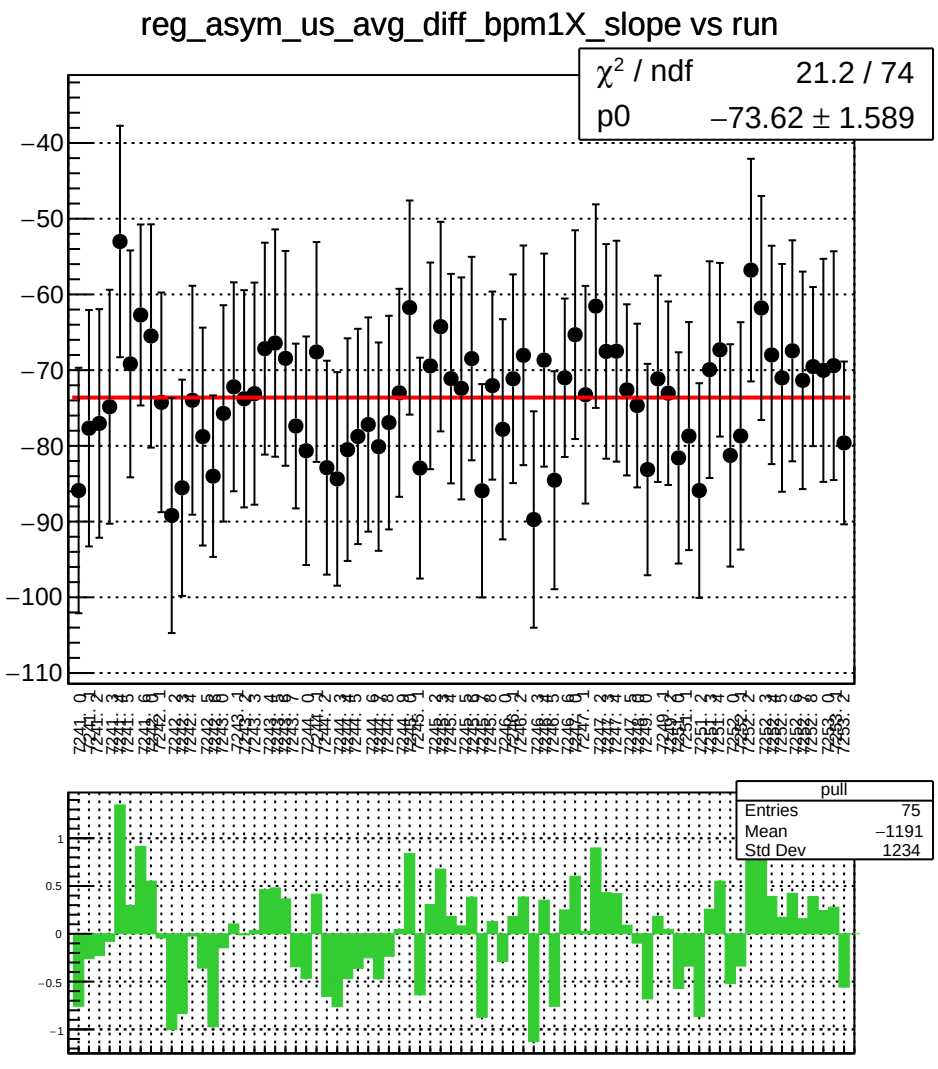

reg_asym_dsr_diff_bpm4eX_slope vs run
χ² / ndf 90.09 / 74
p0 −0.2056 ± 0.1528
pull
Entries 75
Mean −156.7
Std Dev 197.1

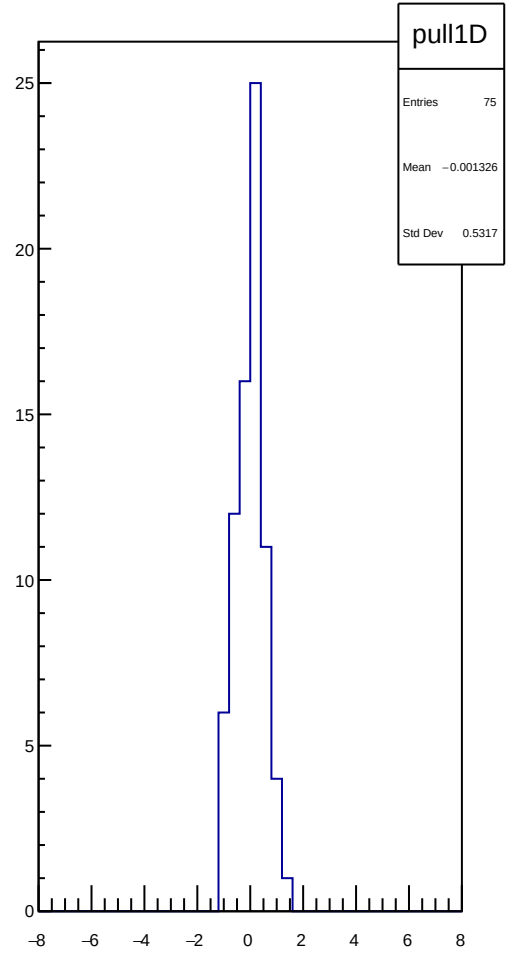

pull1D
Entries 75
Mean −0.01743
Std Dev 1.096

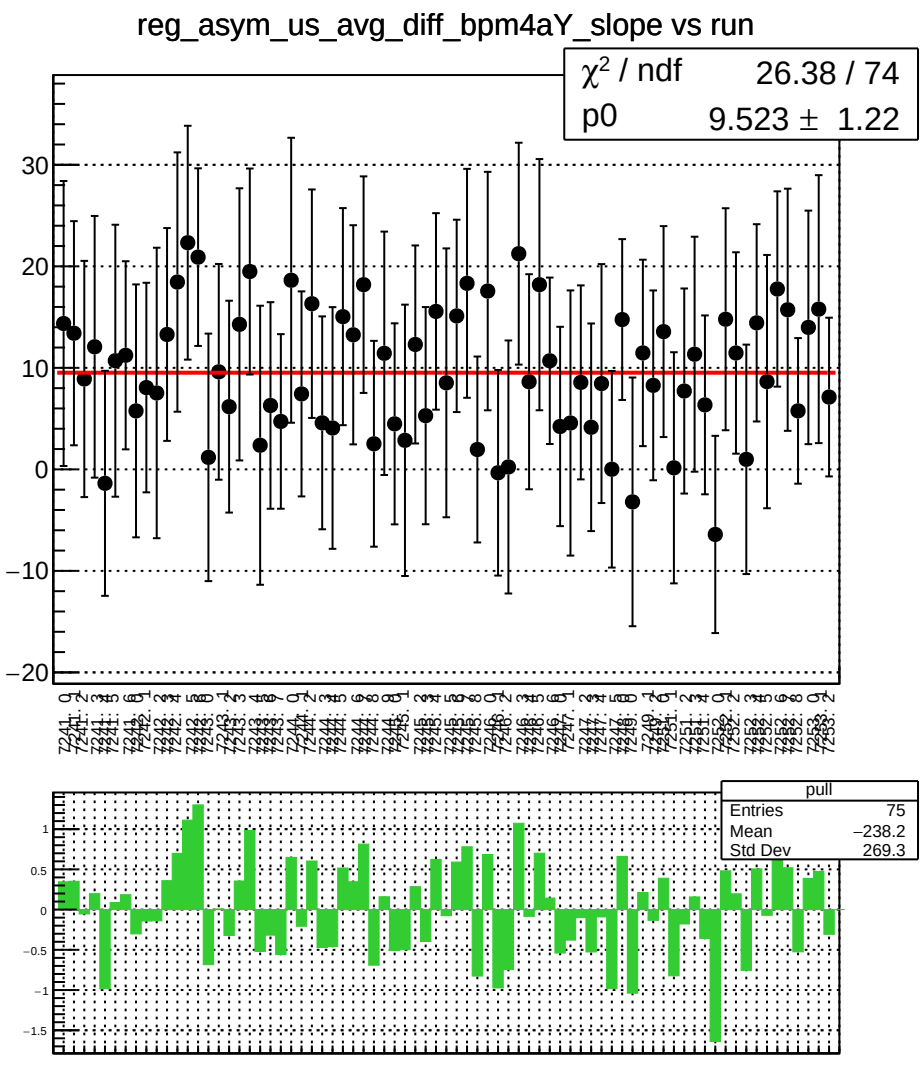

reg_asym_dsr_diff_bpm4eY_slope vs run
χ² / ndf 76.88 / 74
p0 −0.155 ± 0.1216
pull
Entries 75
Mean −1686
Std Dev 1715

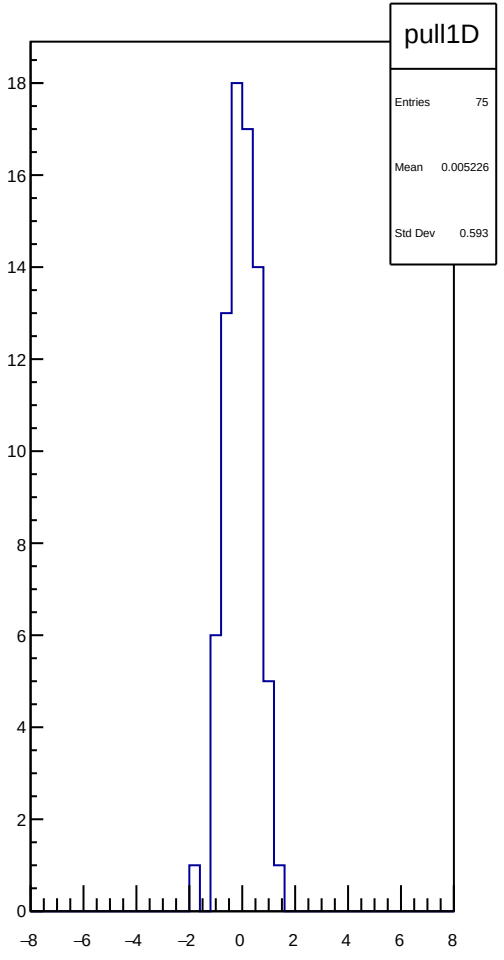

pull1D
Entries 75
Mean 0.001092
Std Dev 1.012

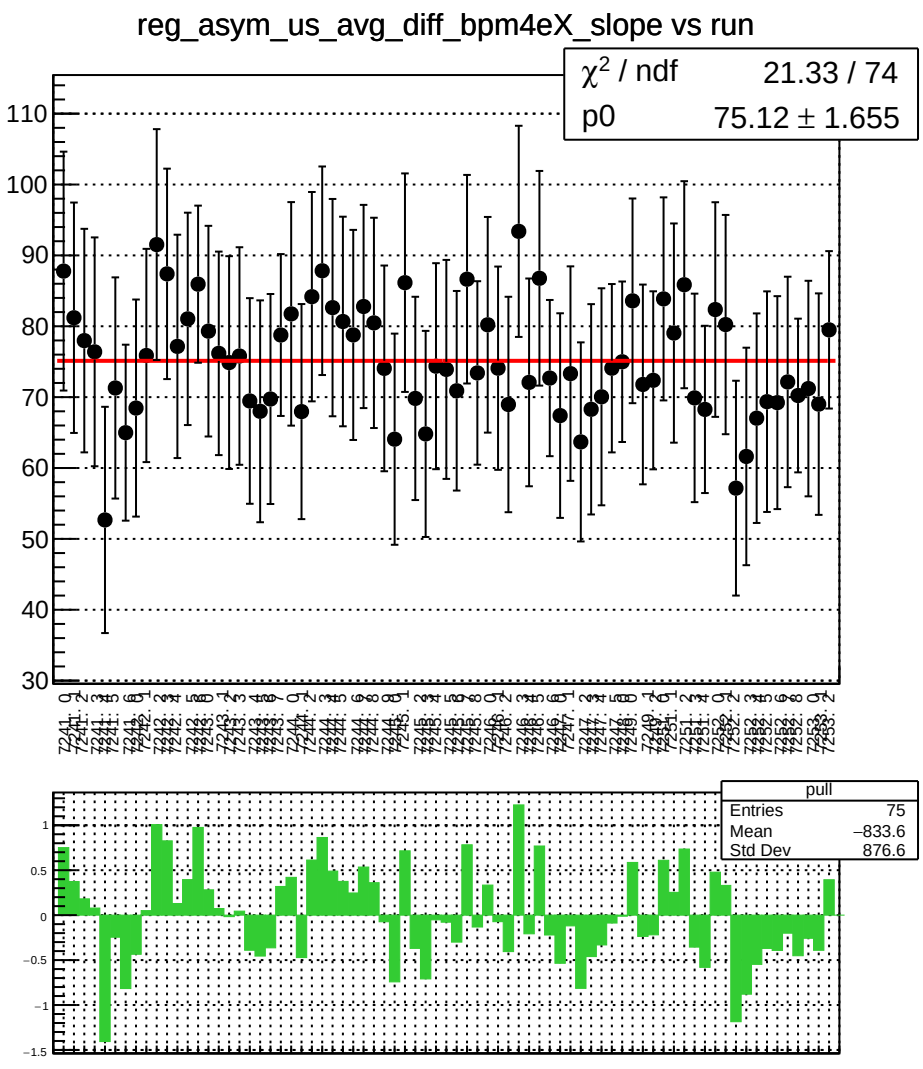

reg_asym_dsr_diff_bpm12X_slope vs run
χ² / ndf 55.45 / 74
p0 0.002245 ± 0.005521
0.15
0.1
0.05
0
−0.05
−0.1
−0.15
pull
Entries 75
Mean 1550
Std Dev 1516
pull1D
Entries 75
Mean −0.0009233
Std Dev 0.8598

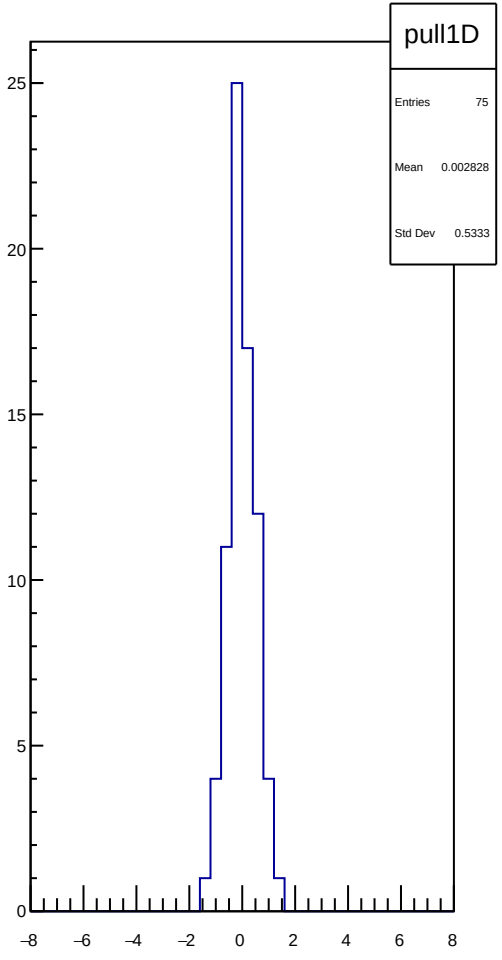

reg_asym_us_avg_diff_bpm1X_slope vs run
χ² / ndf 21.2 / 74
p0 −73.62 ± 1.589
pull
Entries 75
Mean −1191
Std Dev 1234

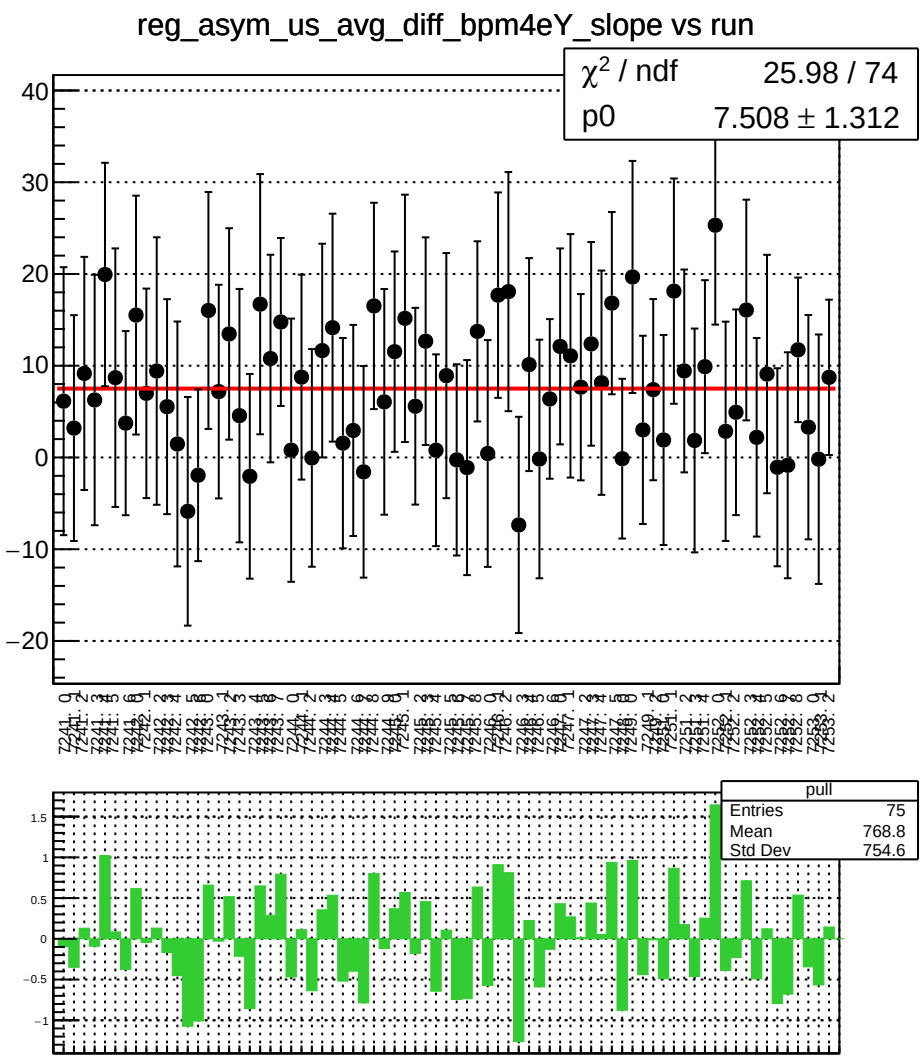

pull1D
Entries 75
Mean −0.001326
Std Dev 0.5317

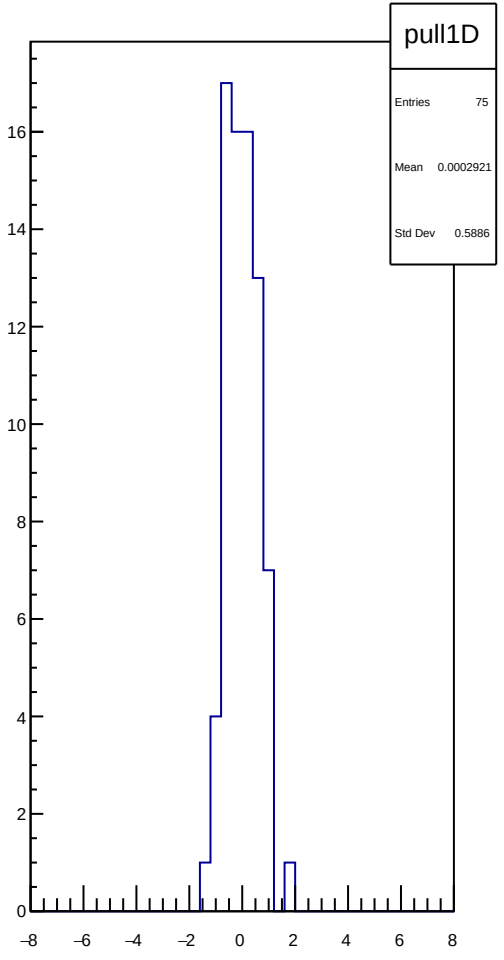

reg_asym_us_avg_diff_bpm4aY_slope vs run
χ² / ndf 26.38 / 74
p0 9.523 ± 1.22
pull
Entries 75
Mean −238.2
Std Dev 269.3

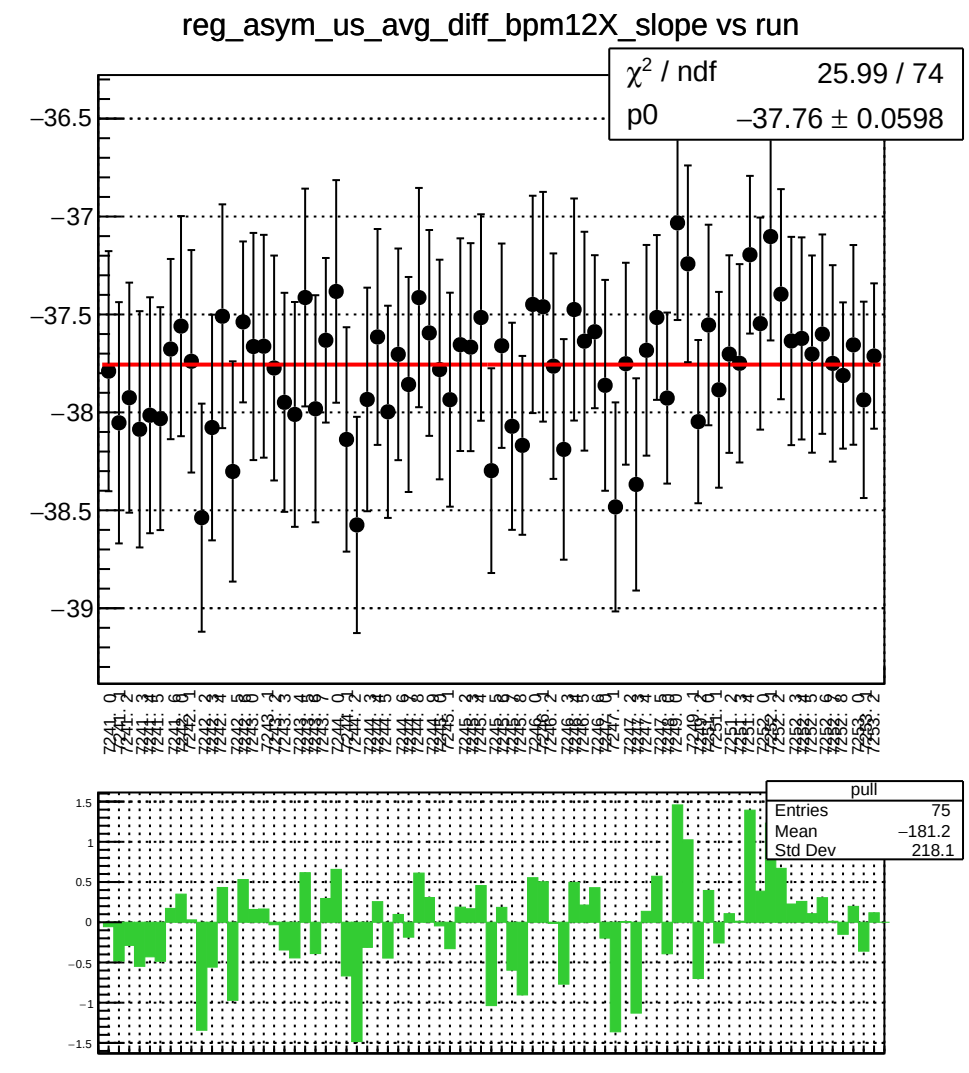

pull1D
Entries 75
Mean 0.005226
Std Dev 0.593

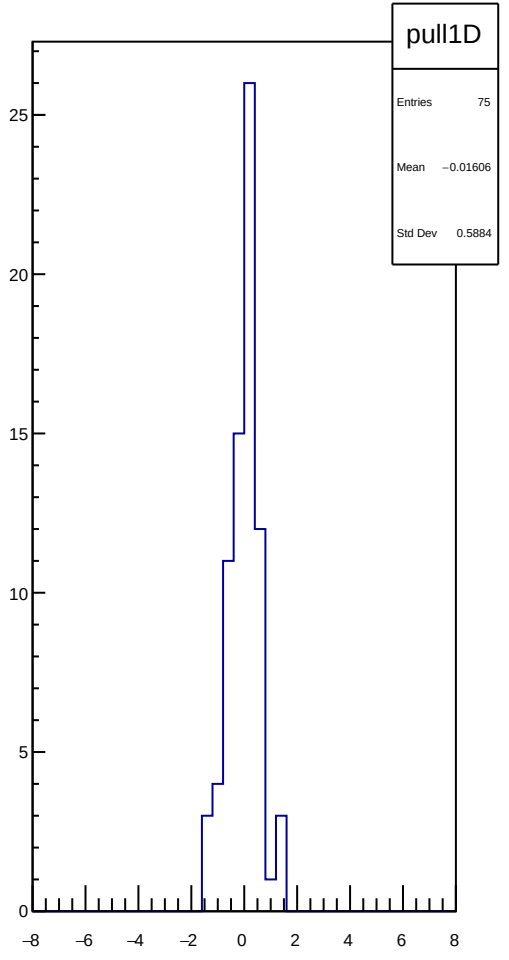

reg_asym_us_avg_diff_bpm4eX_slope vs run
χ^2 / ndf 21.33 / 74
p0 75.12 ± 1.655
pull
Entries 75
Mean −833.6
Std Dev 876.6

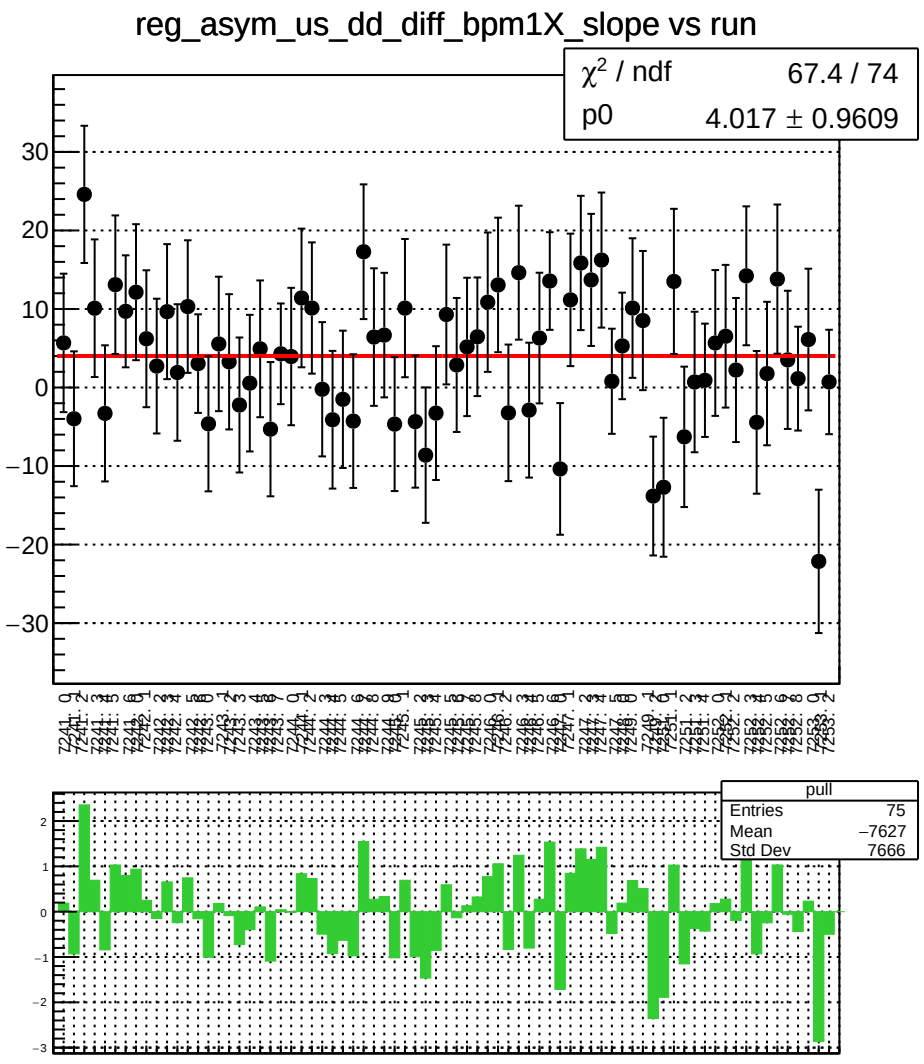

pull1D
Entries 75
Mean 0.002828
Std Dev 0.5333

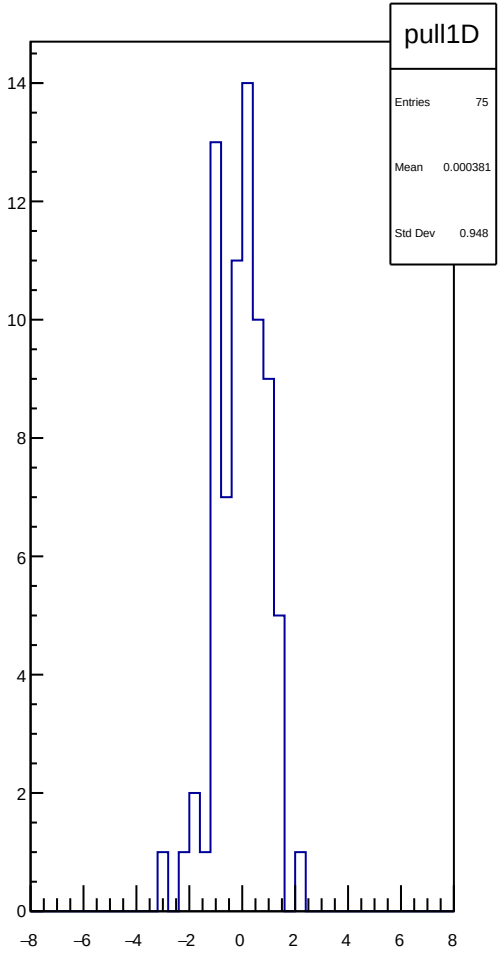

reg_asym_us_avg_diff_bpm4eY_slope vs run
χ² / ndf 25.98 / 74
p0 7.508 ± 1.312
pull
Entries 75
Mean 768.8
Std Dev 754.6

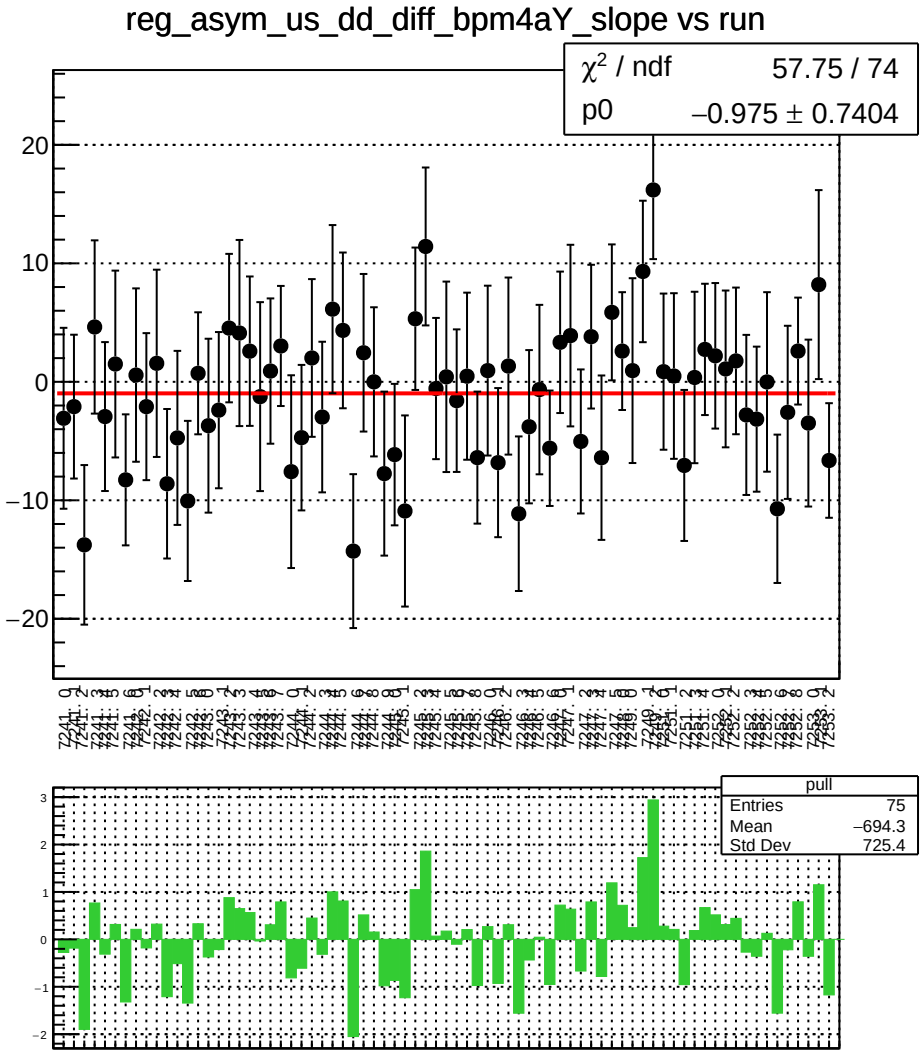

pull1D
Entries 75
Mean 0.0002921
Std Dev 0.5886

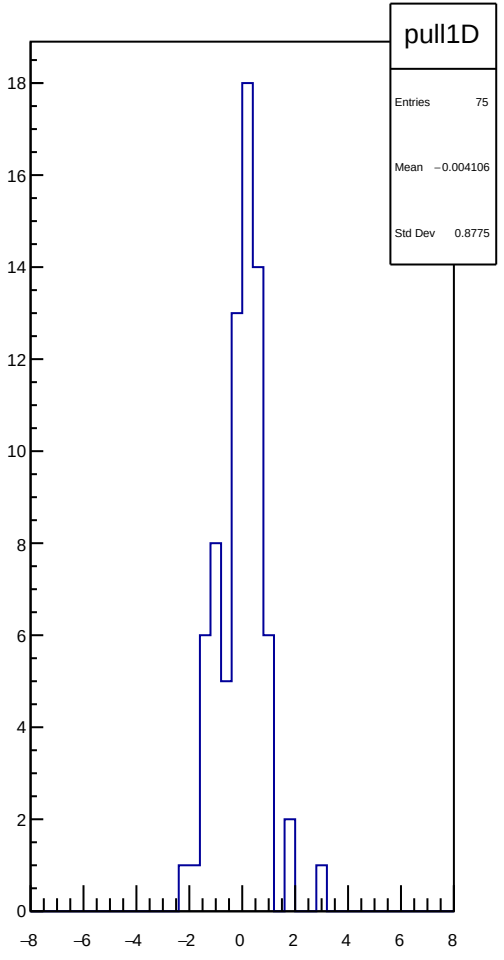

reg_asym_us_avg_diff_bpm12X_slope vs run
χ² / ndf 25.99 / 74
p0 −37.76 ± 0.0598
−36.5
−37
−37.5
−38
−38.5
−39
pull
Entries 75
Mean −181.2
Std Dev 218.1
1.5
1
0.5
0
−0.5
−1
−1.5

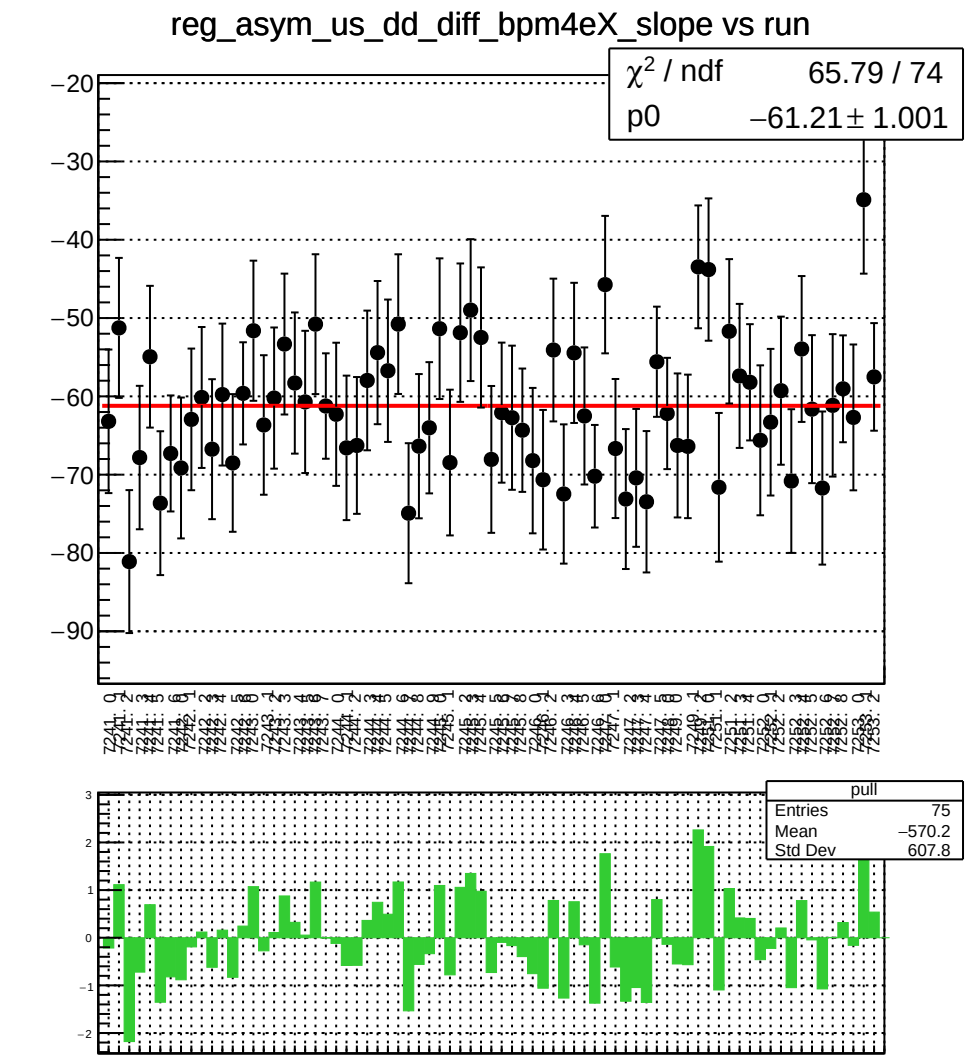

pull1D
Entries 75
Mean −0.01606
Std Dev 0.5884
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

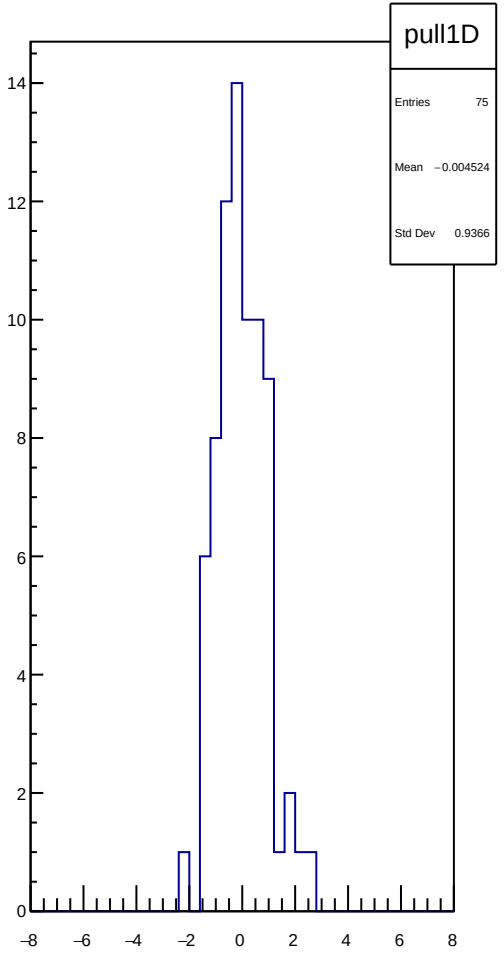

reg_asym_us_dd_diff_bpm1X_slope vs run
χ² / ndf 67.4 / 74
p0 4.017 ± 0.9609
pull
Entries 75
Mean −7627
Std Dev 7666

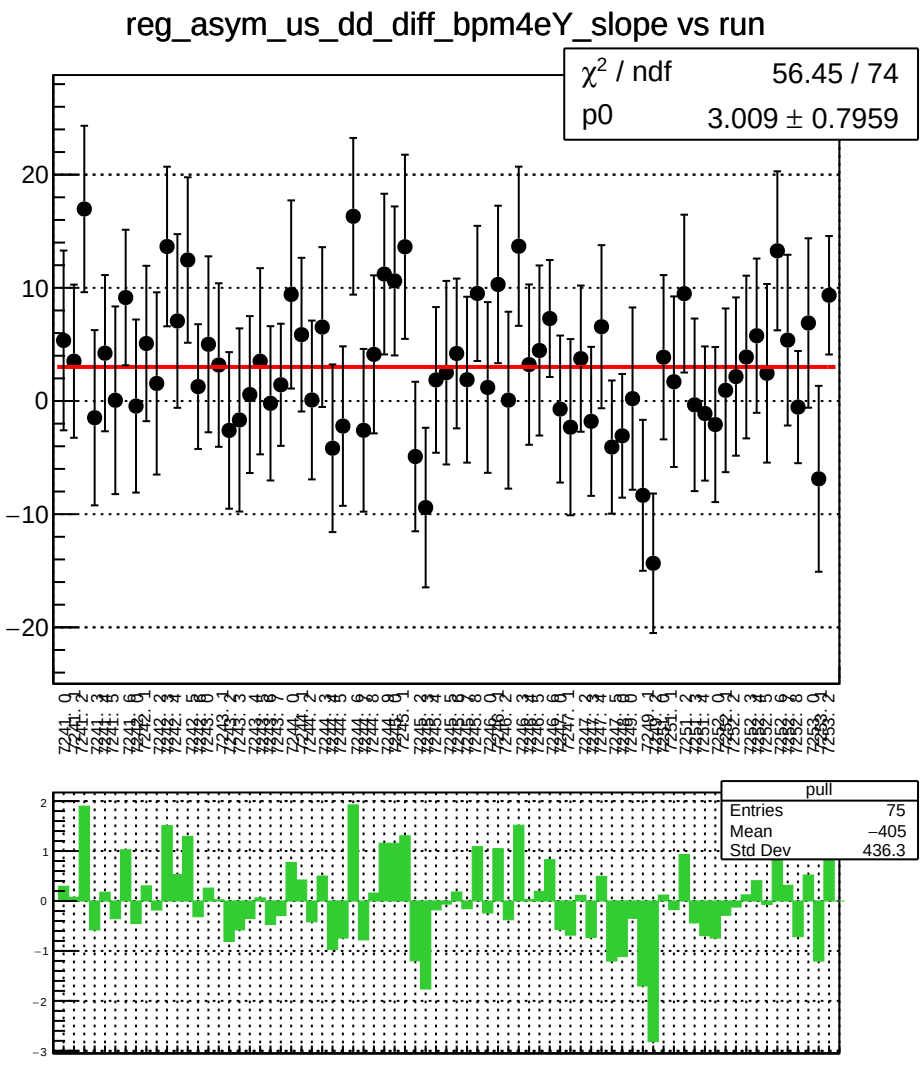

pull1D
Entries 75
Mean 0.000381
Std Dev 0.948

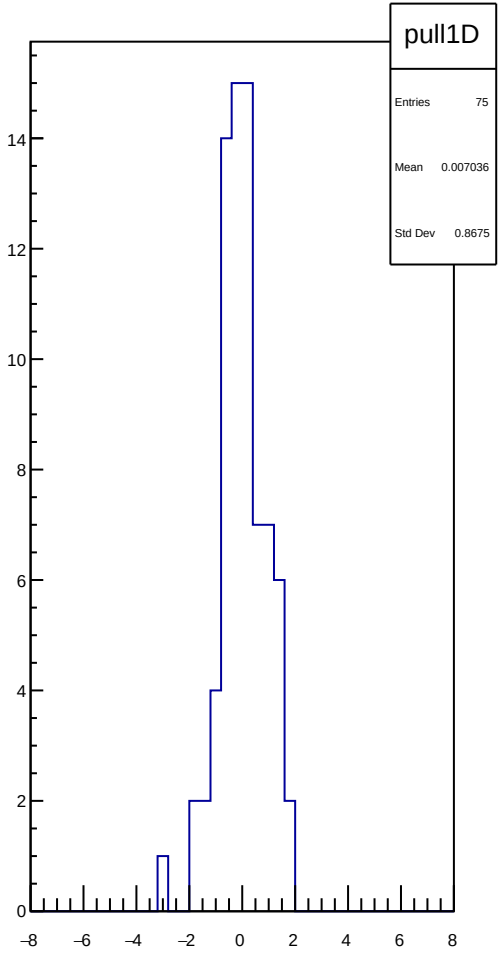

reg_asym_us_dd_diff_bpm4aY_slope vs run
χ² / ndf 57.75 / 74
p0 −0.975 ± 0.7404
pull
Entries 75
Mean −694.3
Std Dev 725.4

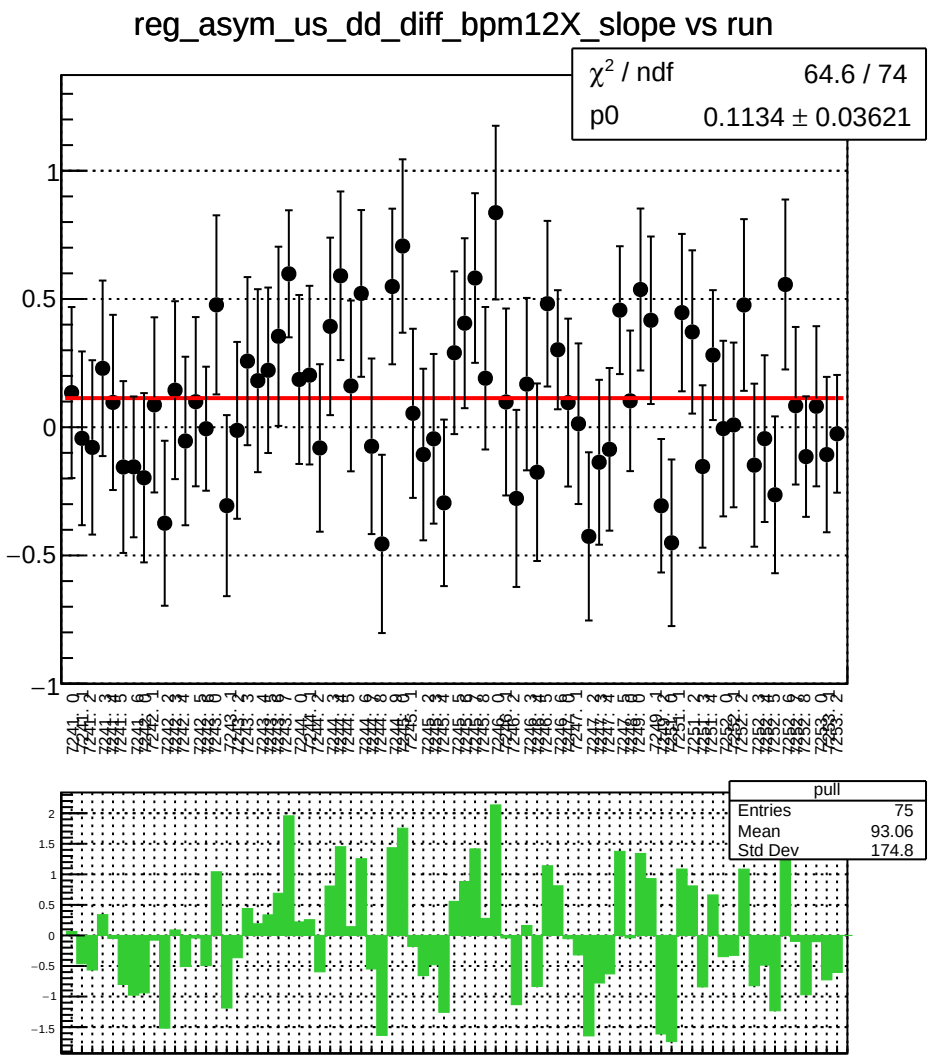

pull1D
Entries 75
Mean −0.004106
Std Dev 0.8775

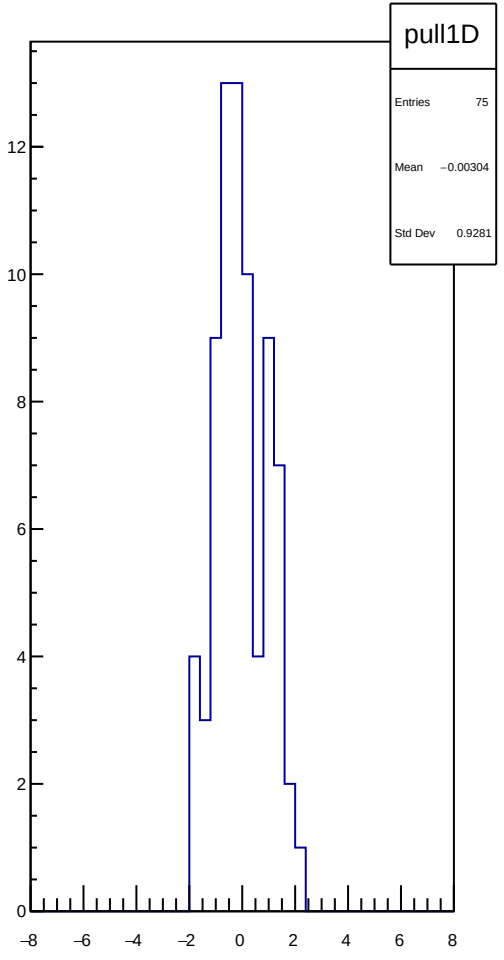

reg_asym_us_dd_diff_bpm4eX_slope vs run
χ² / ndf 65.79 / 74
p0 −61.21 ± 1.001
pull
Entries 75
Mean −570.2
Std Dev 607.8

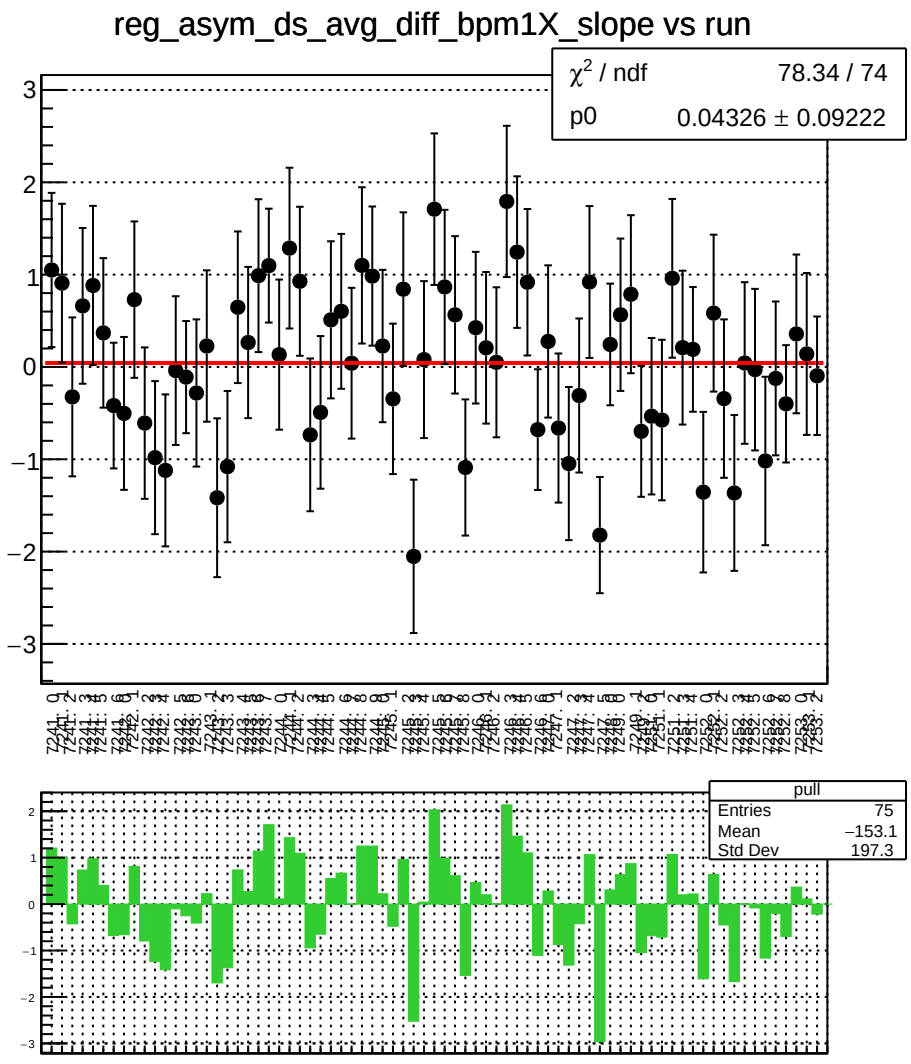

pull1D
Entries 75
Mean −0.004524
Std Dev 0.9366

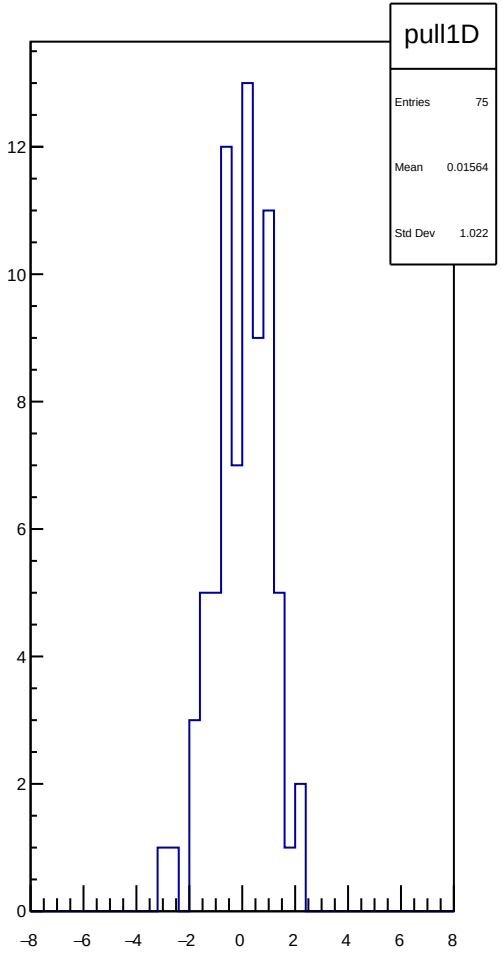

reg_asym_us_dd_diff_bpm4eY_slope vs run
χ² / ndf 56.45 / 74
p0 3.009 ± 0.7959
pull
Entries 75
Mean −405
Std Dev 436.3

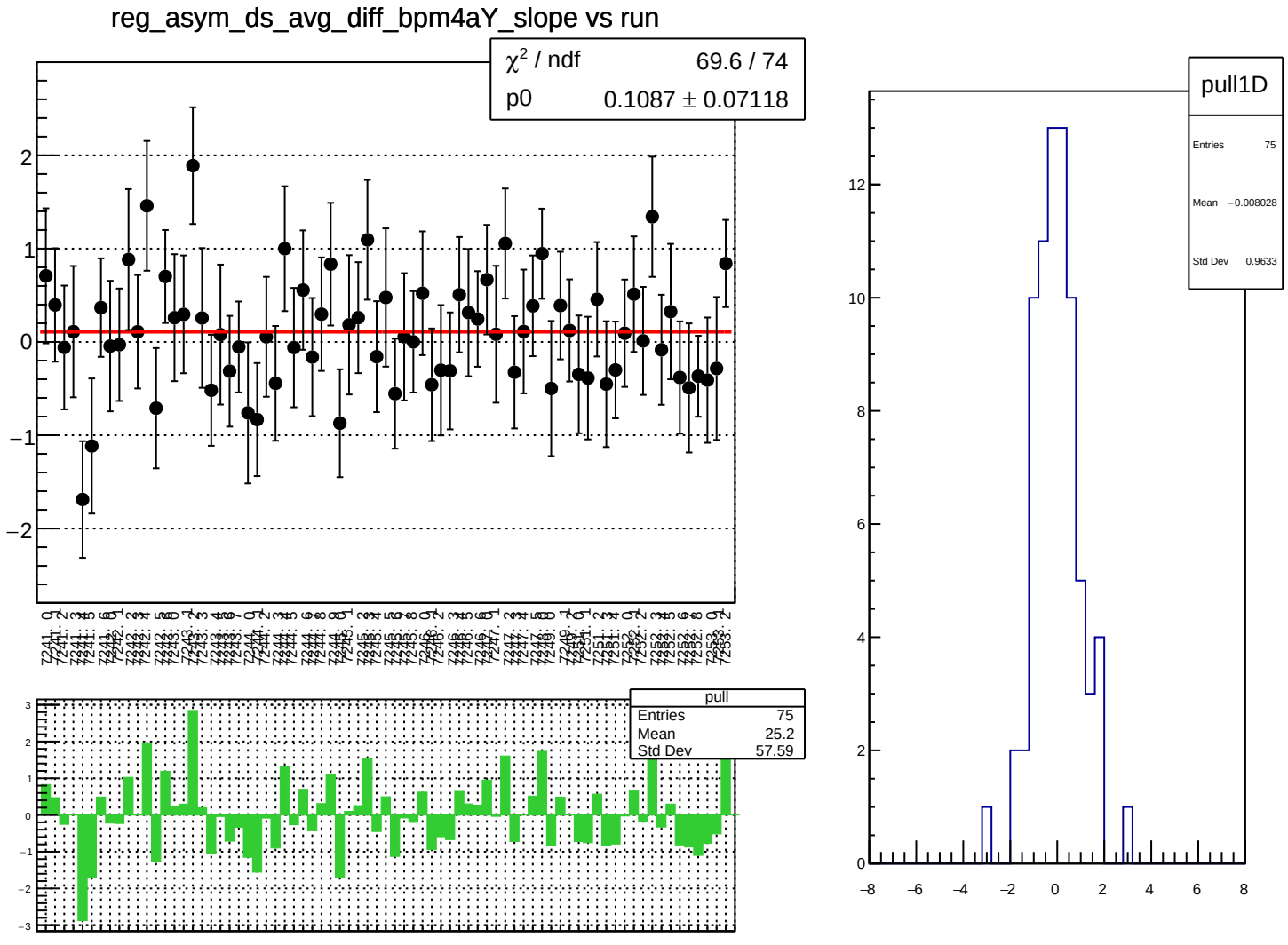

pull1D
Entries 75
Mean 0.007036
Std Dev 0.8675

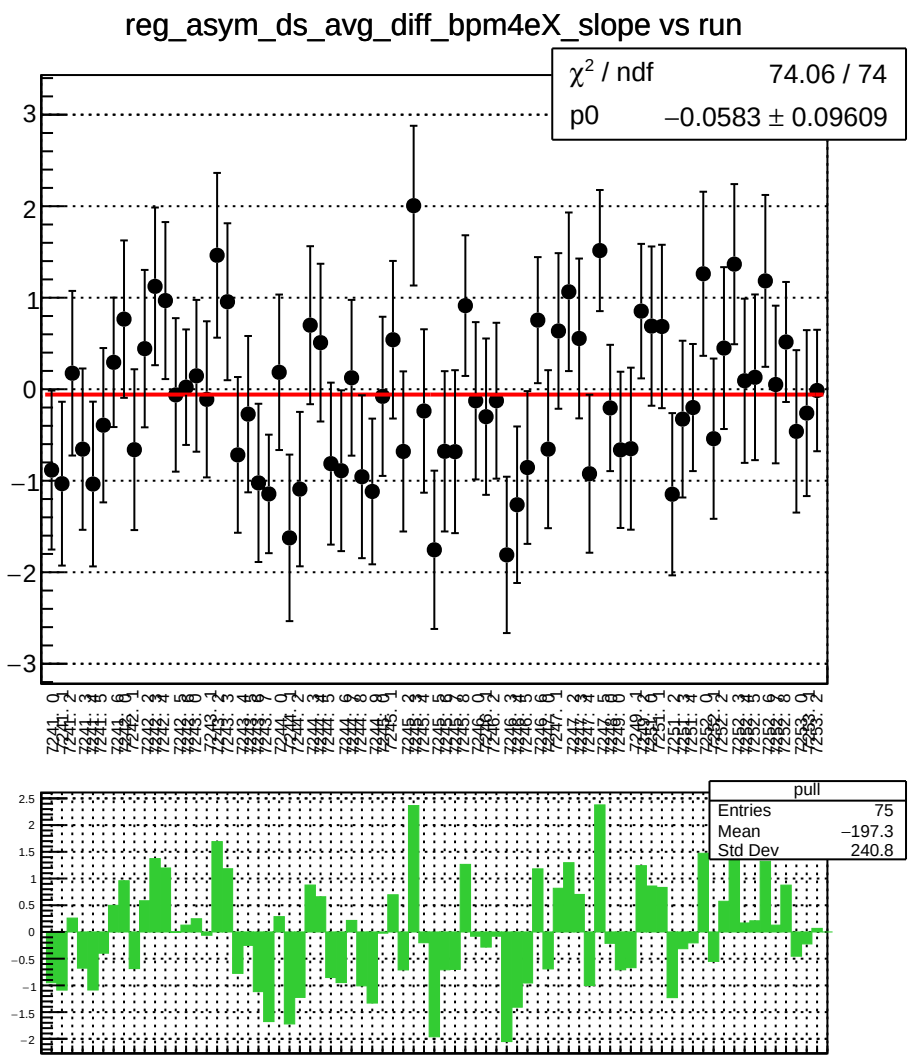

reg_asym_us_dd_diff_bpm12X_slope vs run
χ² / ndf 64.6 / 74
p0 0.1134 ± 0.03621
pull
Entries 75
Mean 93.06
Std Dev 174.8

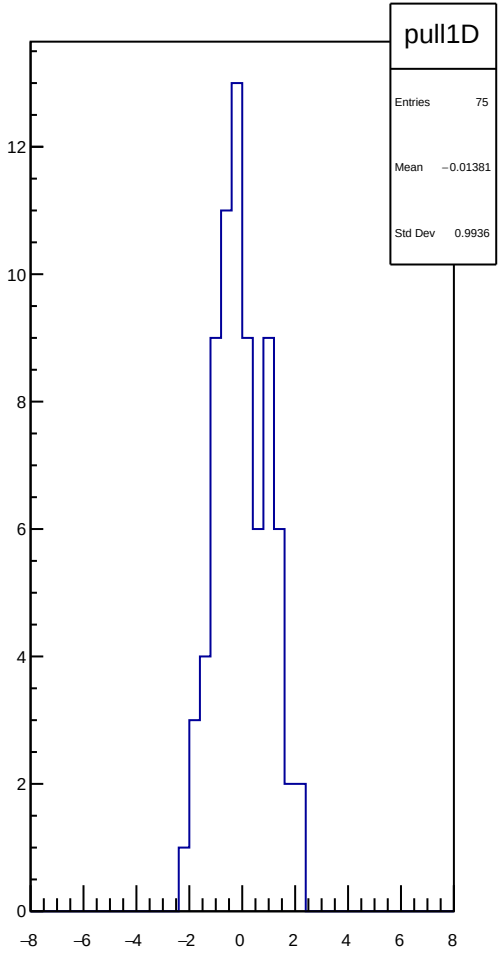

pull1D
Entries 75
Mean −0.00304
Std Dev 0.9281

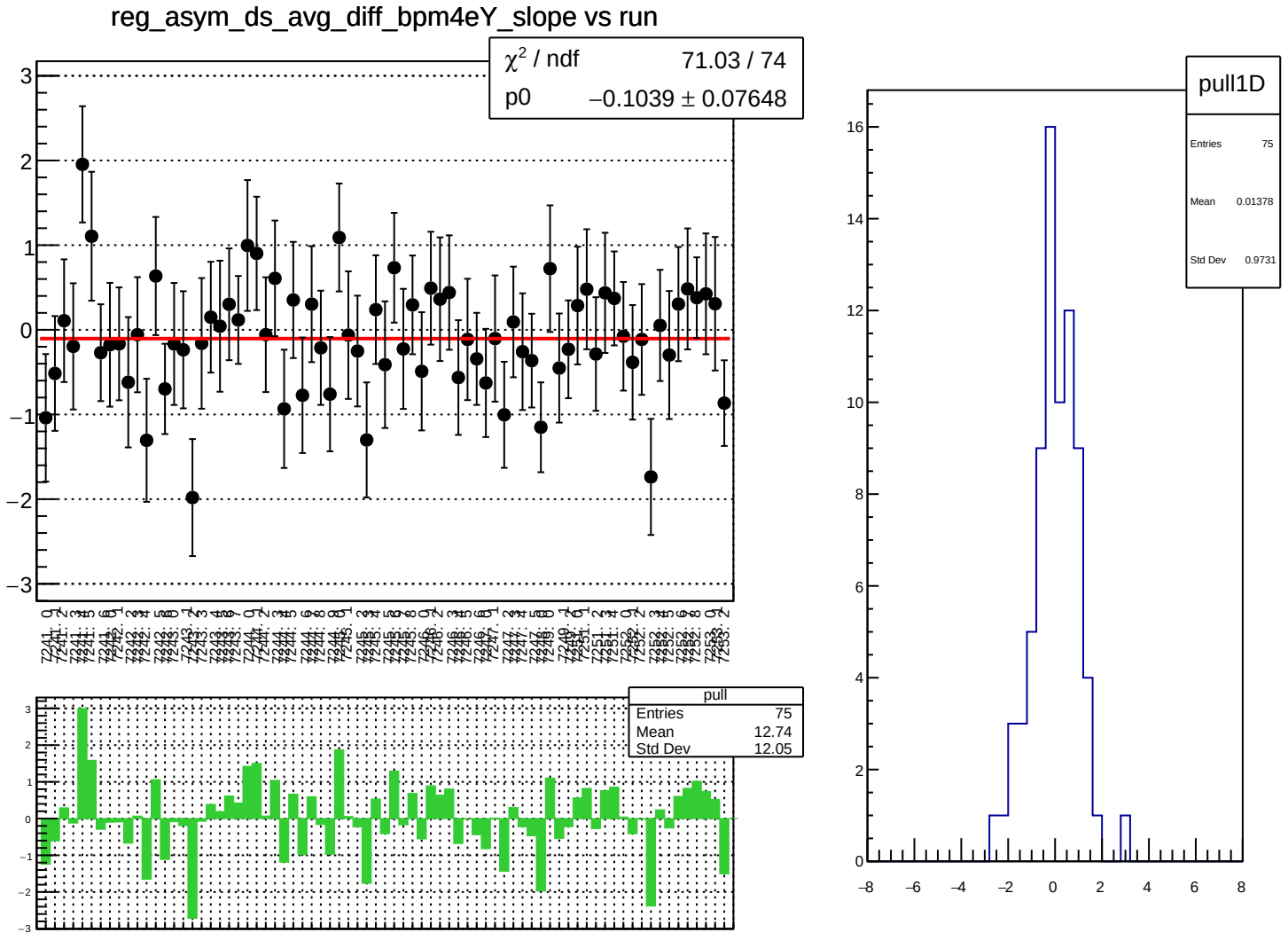

reg_asym_ds_avg_diff_bpm1X_slope vs run
χ² / ndf 78.34 / 74
p0 0.04326 ± 0.09222
pull
Entries 75
Mean −153.1
Std Dev 197.3

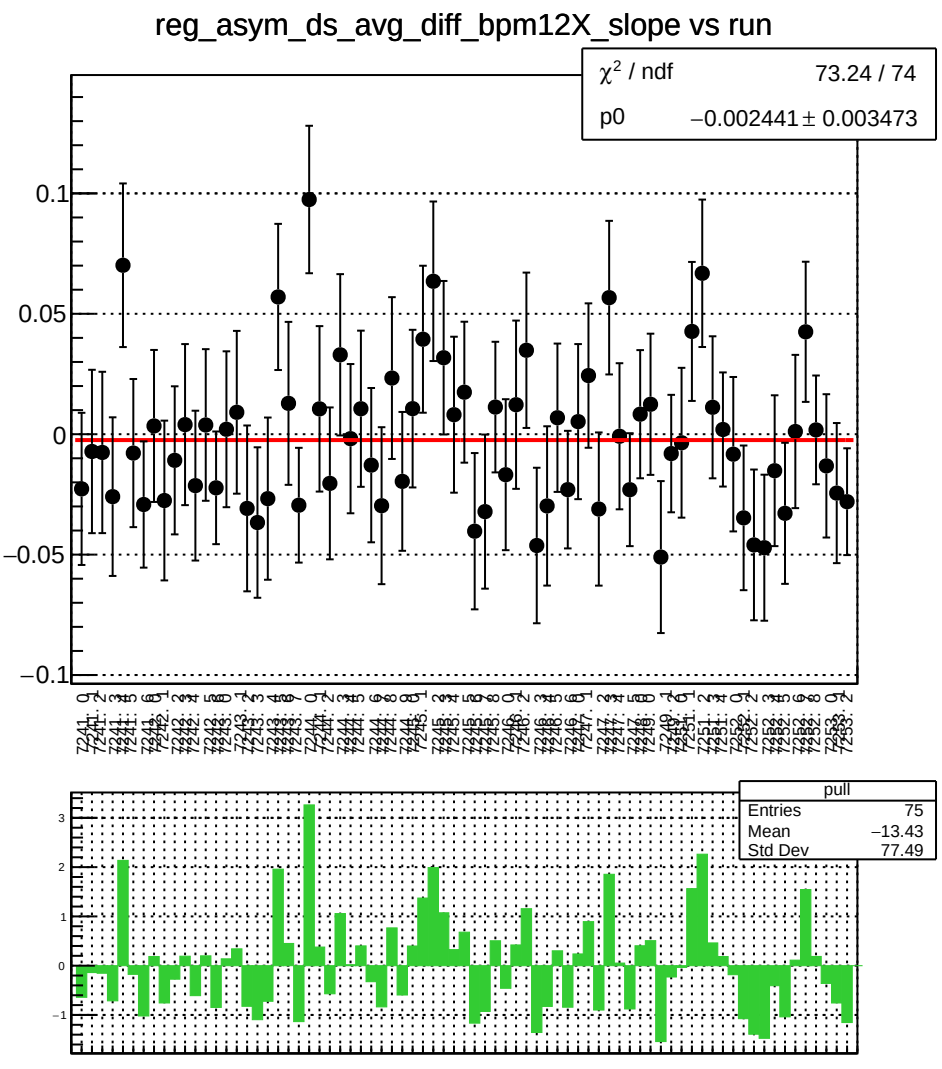

pull1D
Entries 75
Mean 0.01564
Std Dev 1.022

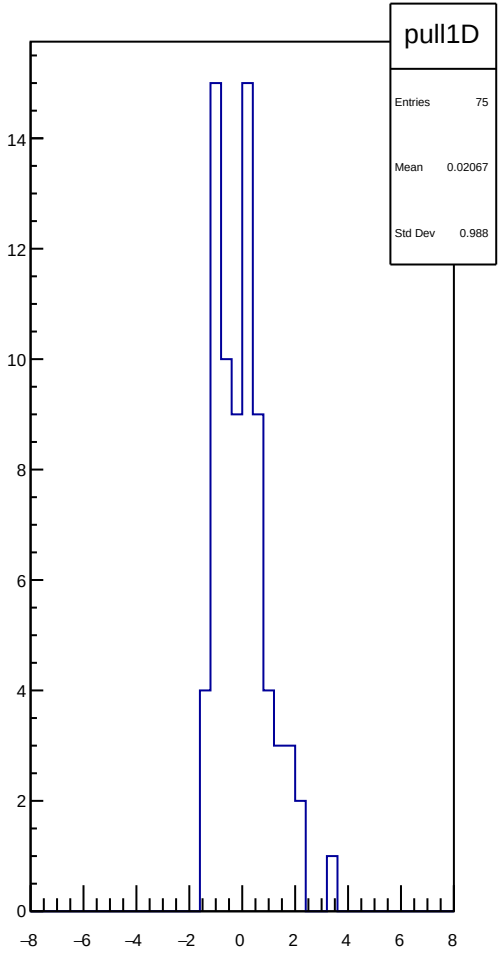

reg_asym_ds_avg_diff_bpm4aY_slope vs run
χ² / ndf 69.6 / 74
p0 0.1087 ± 0.07118
pull
Entries 75
Mean 25.2
Std Dev 57.59
pull1D
Entries 75
Mean −0.008028
Std Dev 0.9633

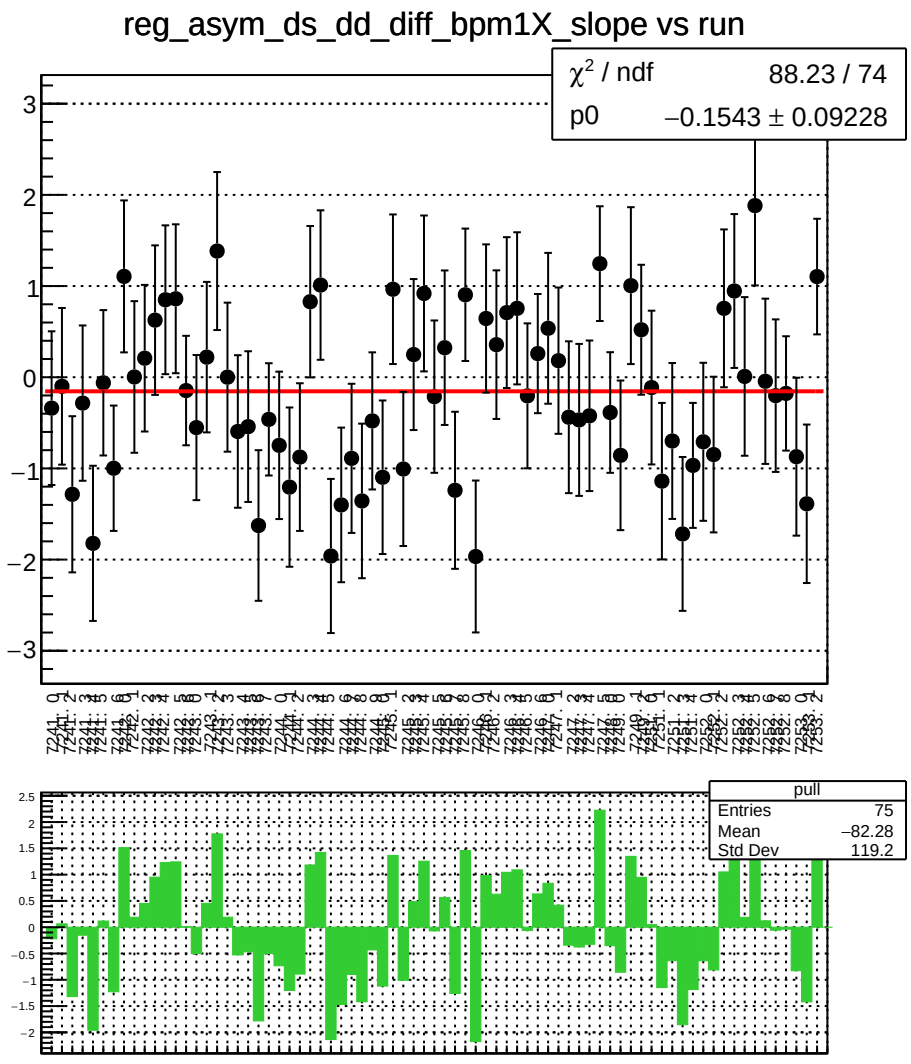

reg_asym_ds_avg_diff_bpm4eX_slope vs run
χ² / ndf 74.06 / 74
p0 −0.0583 ± 0.09609
pull
Entries 75
Mean −197.3
Std Dev 240.8

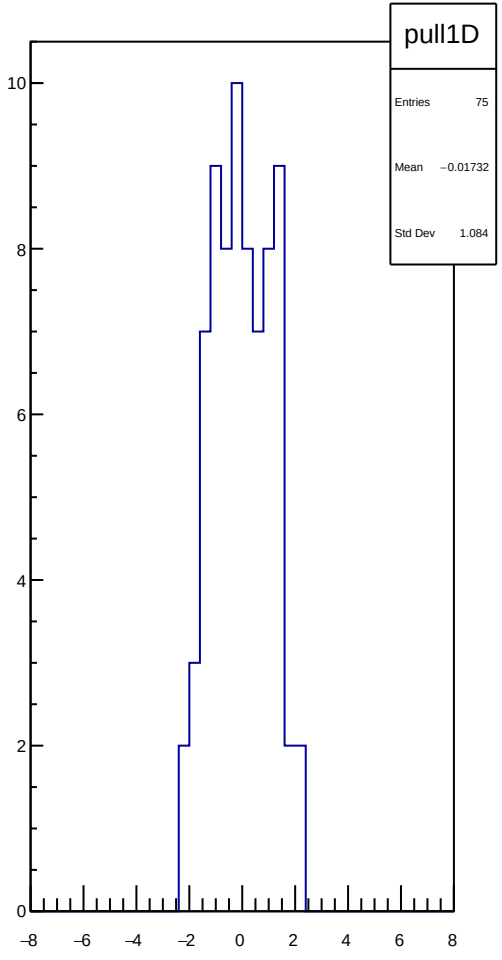

pull1D
Entries 75
Mean −0.01381
Std Dev 0.9936

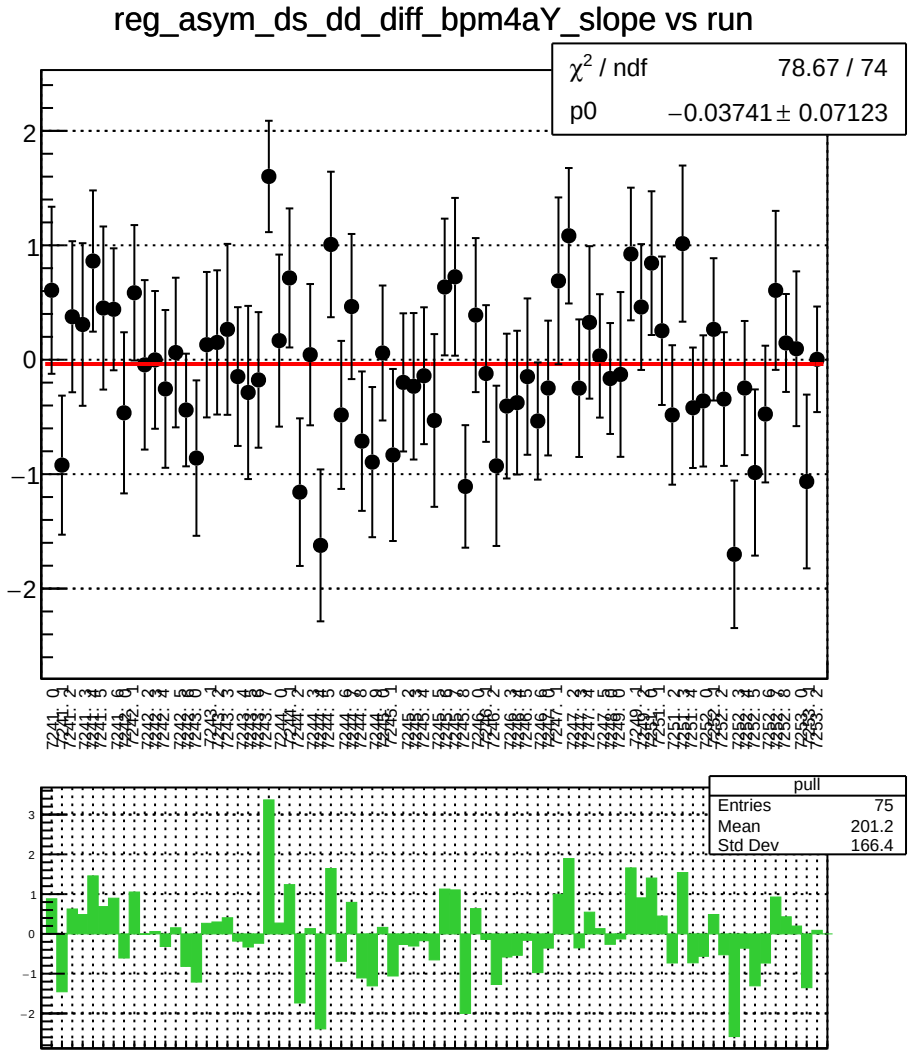

reg_asym_ds_avg_diff_bpm4eY_slope vs run
χ² / ndf 71.03 / 74
p0 −0.1039 ± 0.07648
pull
Entries 75
Mean 12.74
Std Dev 12.05
pull1D
Entries 75
Mean 0.01378
Std Dev 0.9731

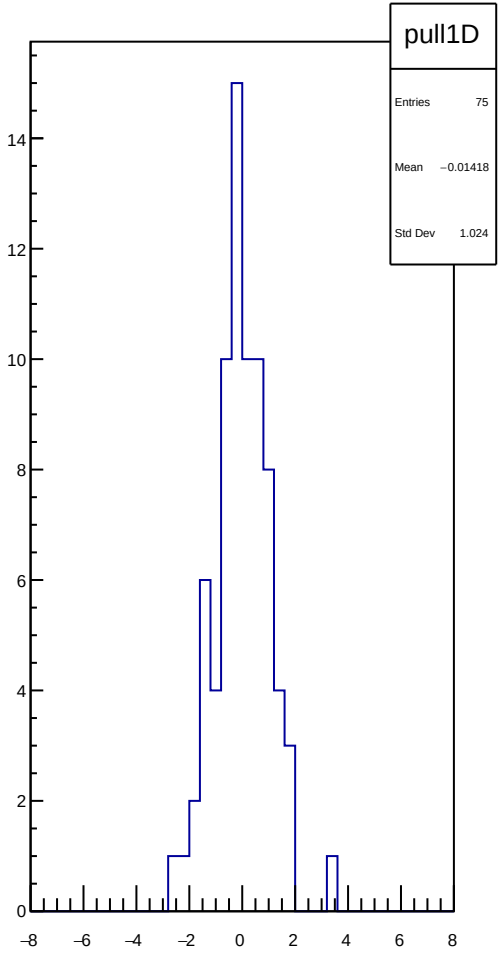

reg_asym_ds_avg_diff_bpm12X_slope vs run
χ² / ndf 73.24 / 74
p0 −0.002441 ± 0.003473
pull
Entries 75
Mean −13.43
Std Dev 77.49

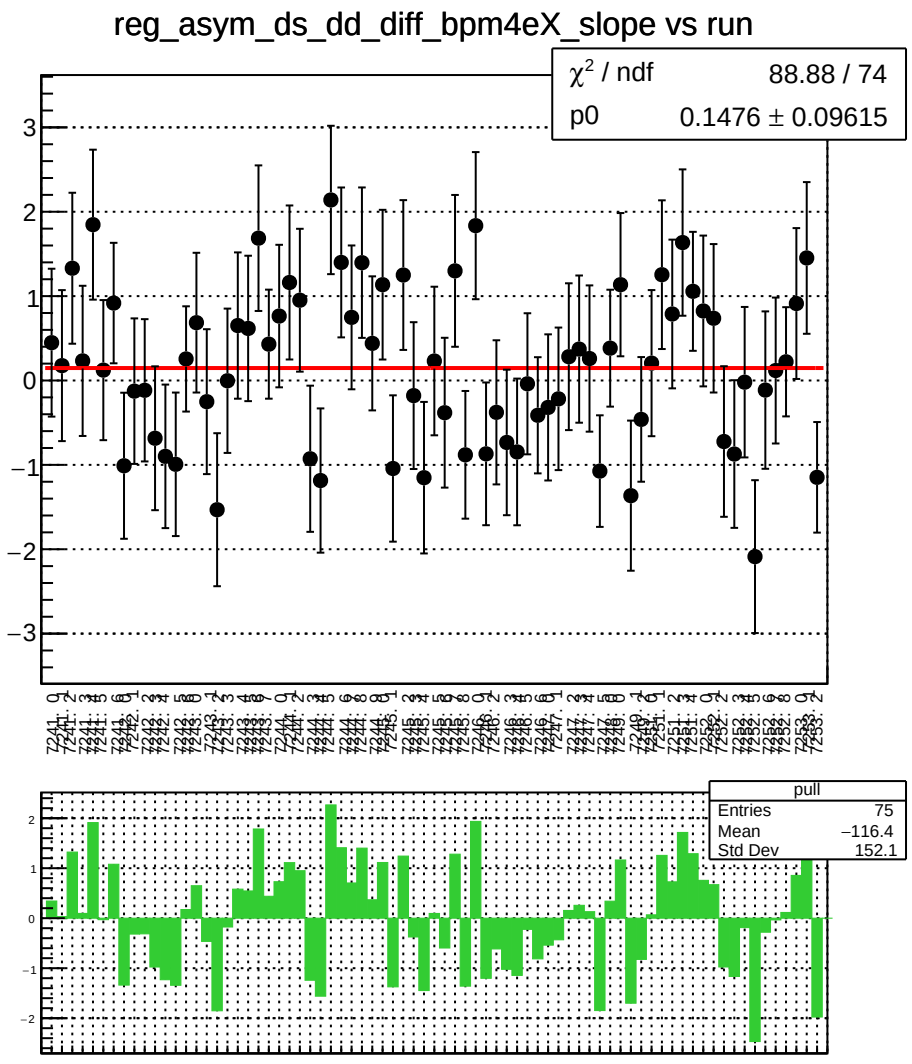

pull1D
Entries 75
Mean 0.02067
Std Dev 0.988

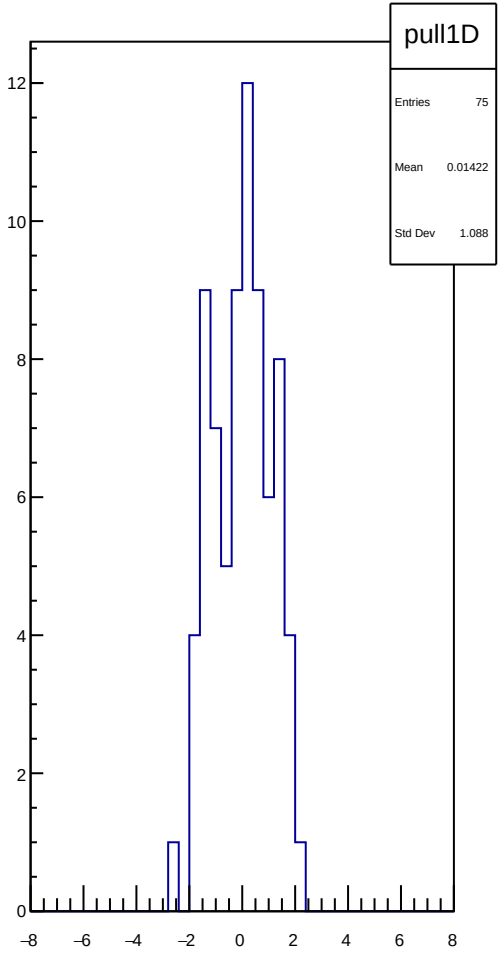

reg_asym_ds_dd_diff_bpm1X_slope vs run
χ² / ndf 88.23 / 74
p0 −0.1543 ± 0.09228
pull
Entries 75
Mean −82.28
Std Dev 119.2

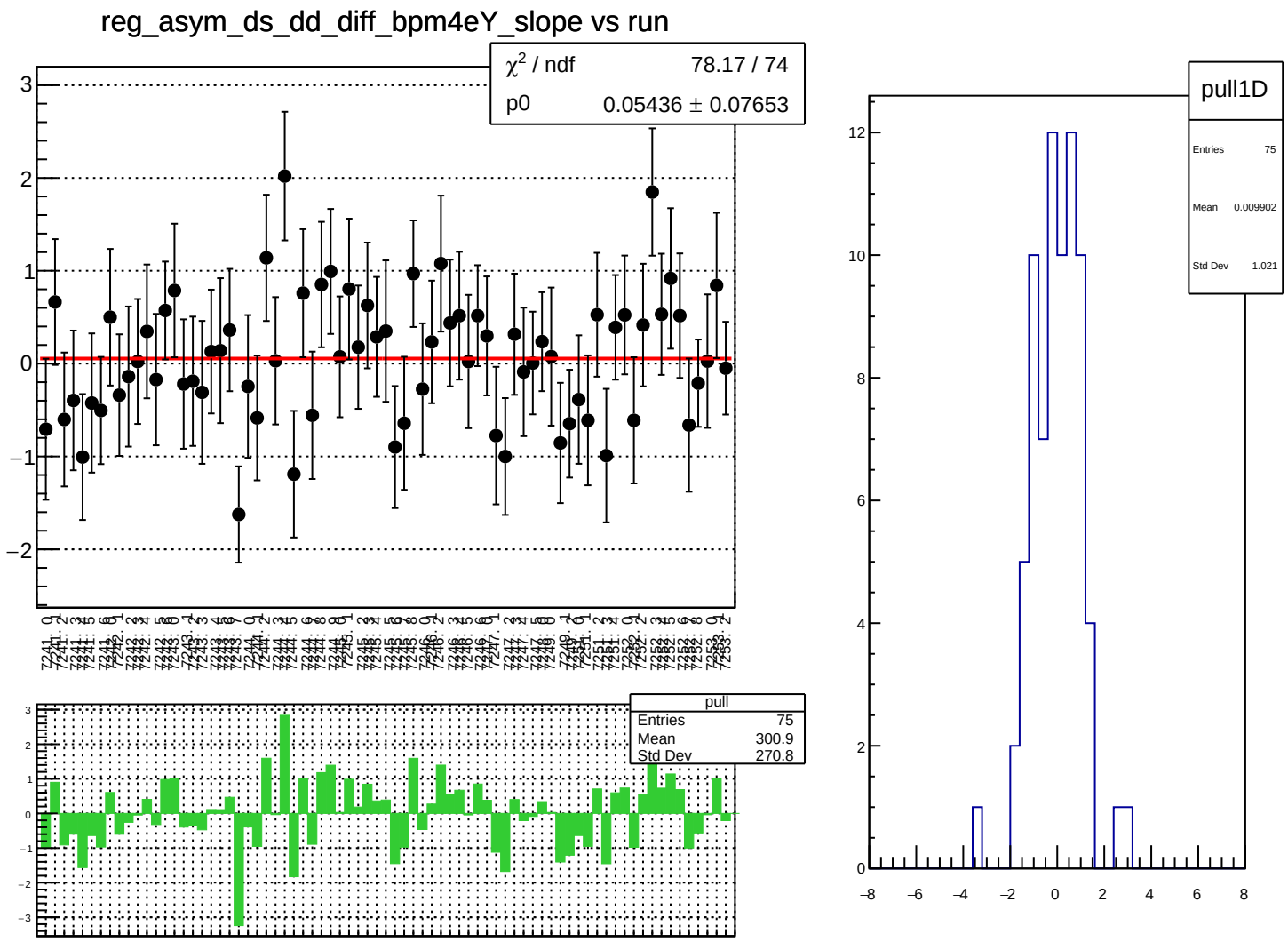

pull1D
Entries 75
Mean −0.01732
Std Dev 1.084

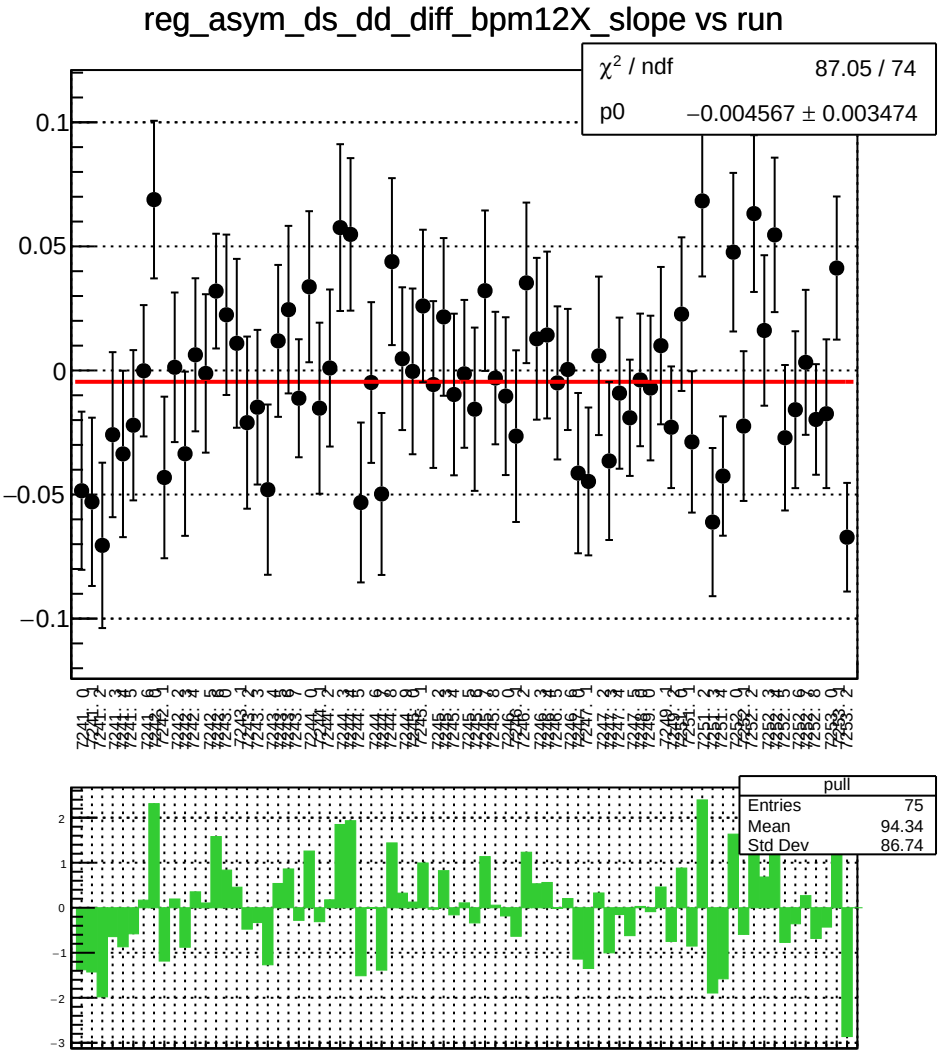

reg_asym_ds_dd_diff_bpm4aY_slope vs run
χ² / ndf 78.67 / 74
p0 −0.03741 ± 0.07123
pull
Entries 75
Mean 201.2
Std Dev 166.4

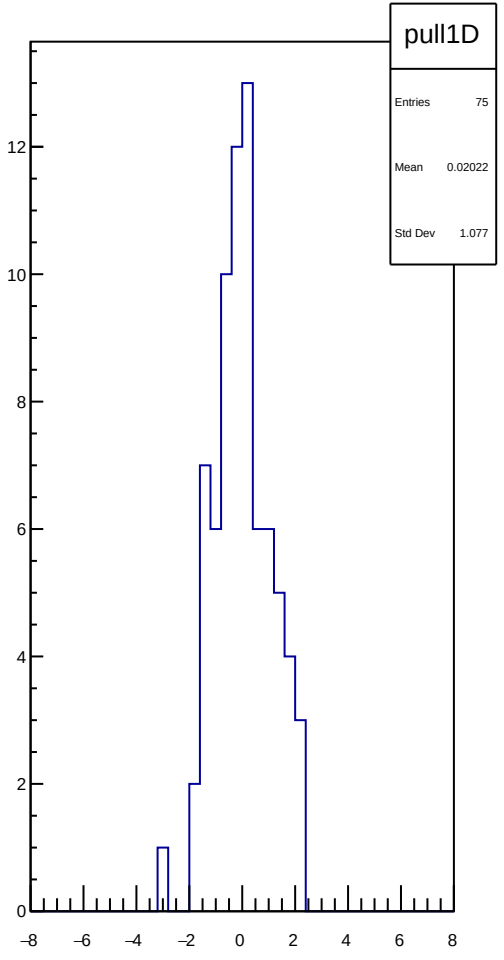

pull1D
Entries 75
Mean −0.01418
Std Dev 1.024

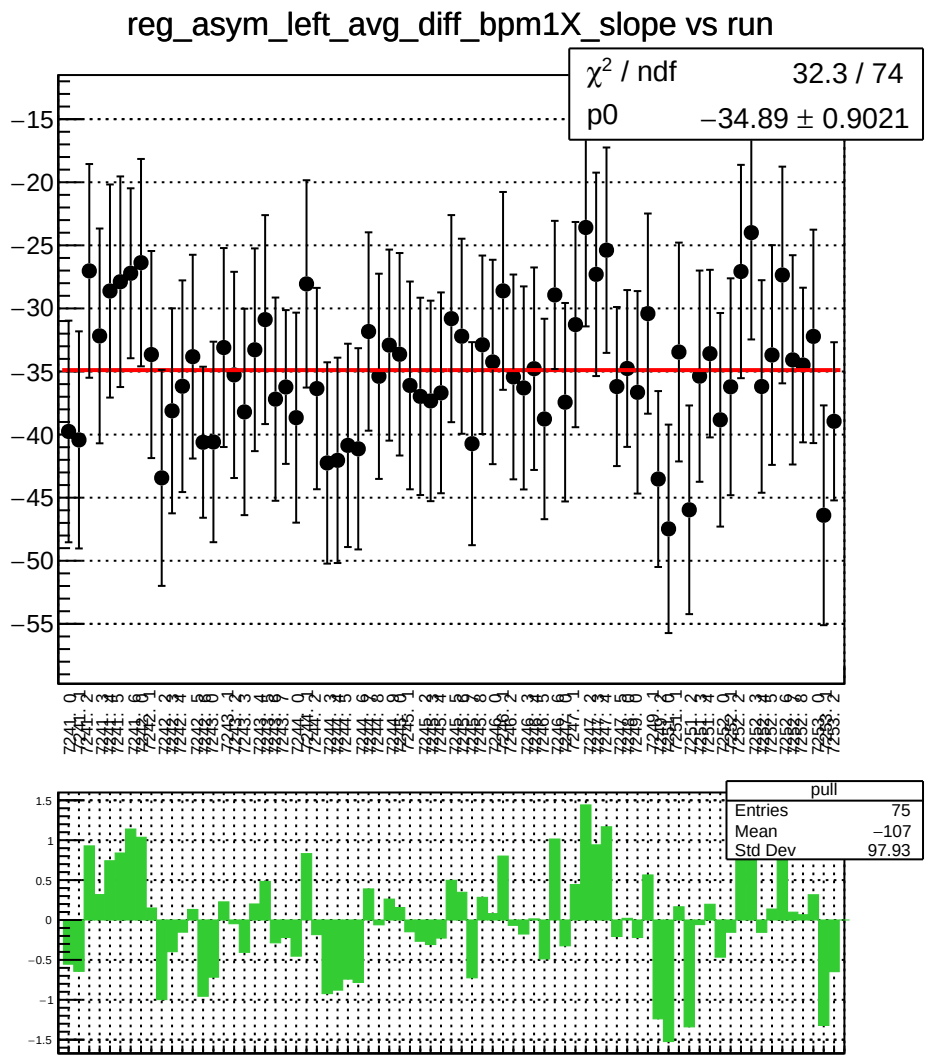

reg_asym_ds_dd_diff_bpm4eX_slope vs run
χ² / ndf 88.88 / 74
p0 0.1476 ± 0.09615
pull
Entries 75
Mean −116.4
Std Dev 152.1

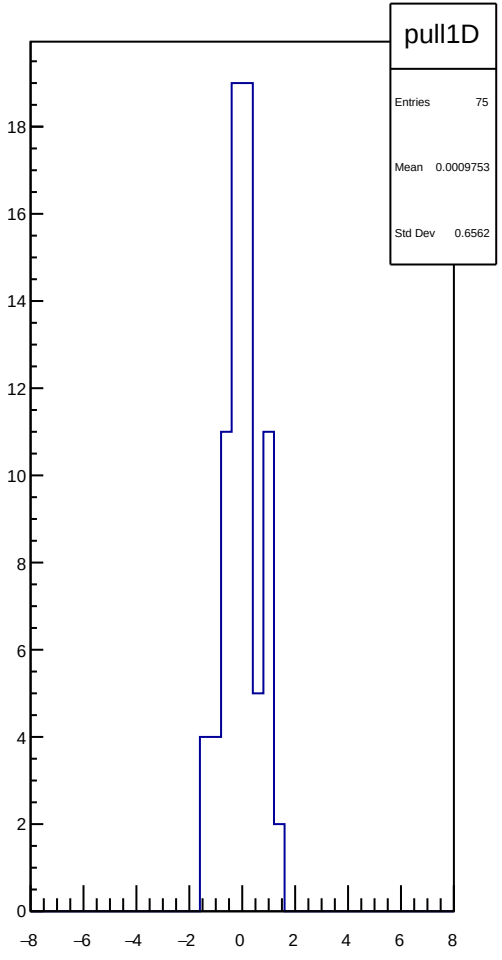

pull1D
Entries 75
Mean 0.01422
Std Dev 1.088

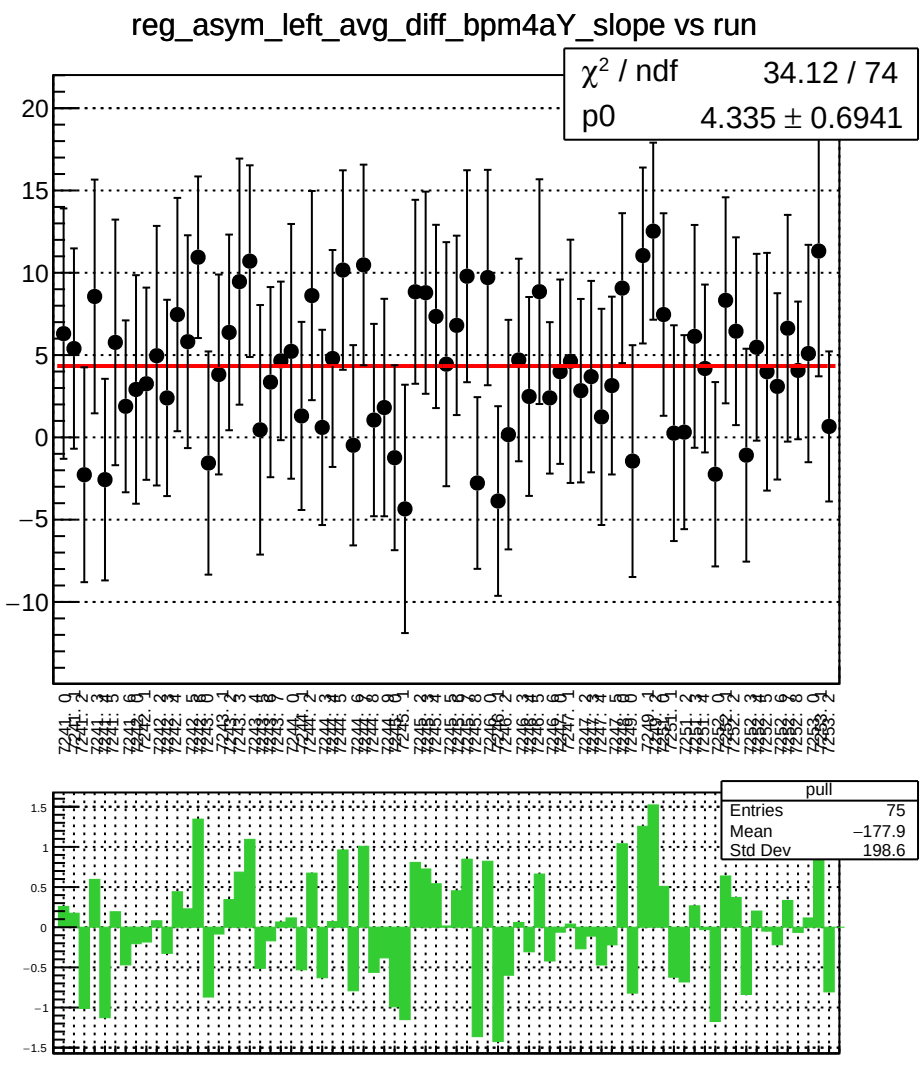

reg_asym_ds_dd_diff_bpm4eY_slope vs run
χ² / ndf 78.17 / 74
p0 0.05436 ± 0.07653
pull
Entries 75
Mean 300.9
Std Dev 270.8
pull1D
Entries 75
Mean 0.009902
Std Dev 1.021

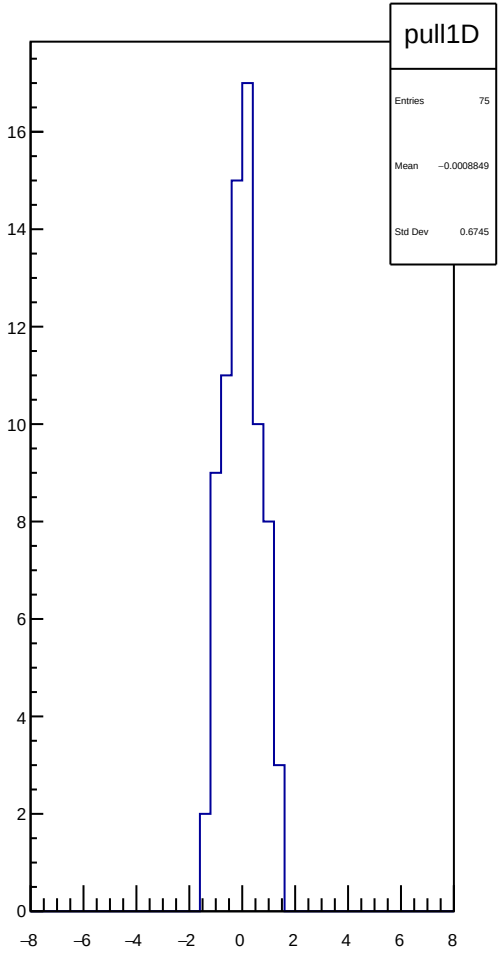

reg_asym_ds_dd_diff_bpm12X_slope vs run
χ² / ndf 87.05 / 74
p0 −0.004567 ± 0.003474
pull
Entries 75
Mean 94.34
Std Dev 86.74

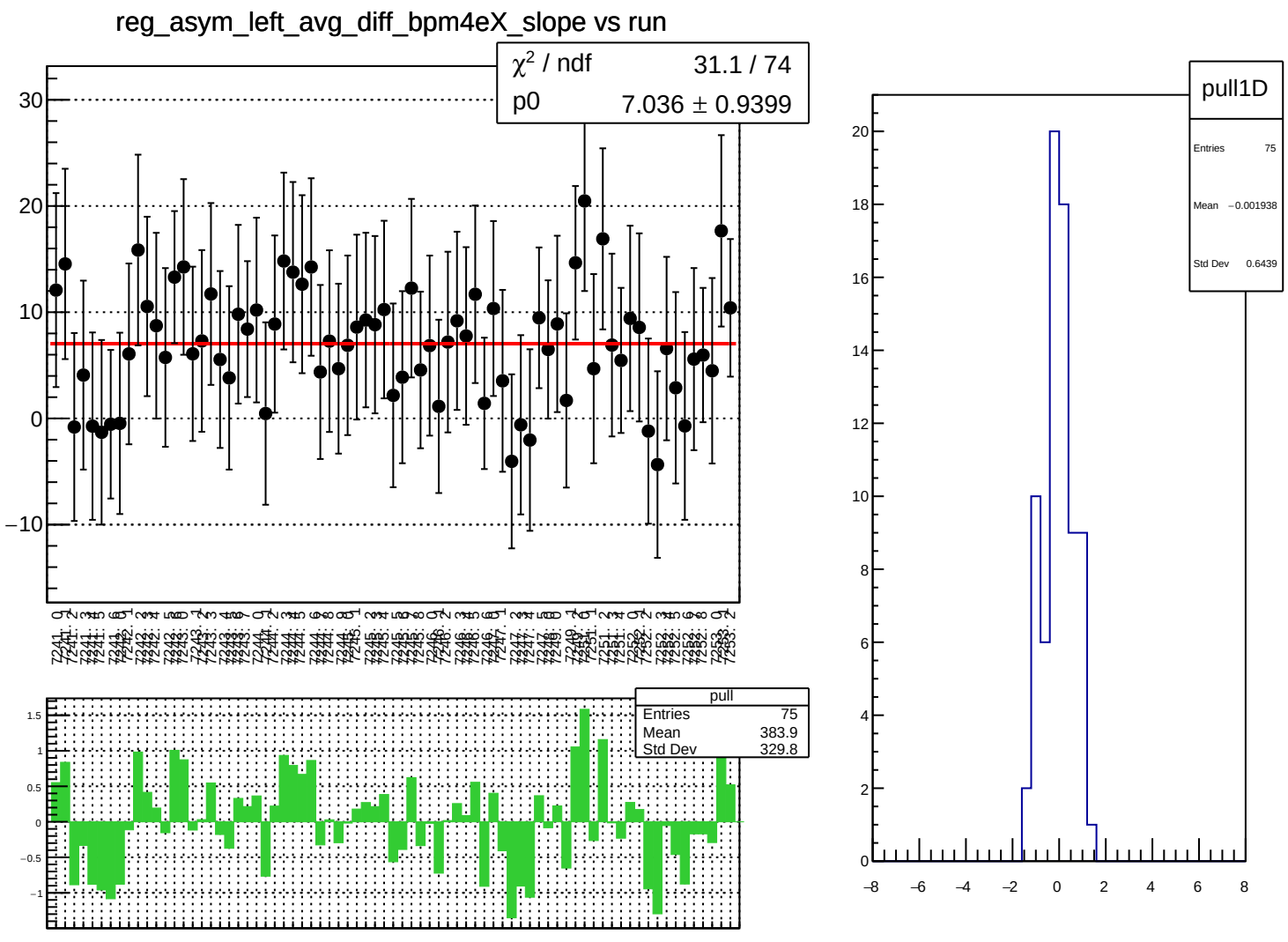

pull1D
Entries 75
Mean 0.02022
Std Dev 1.077

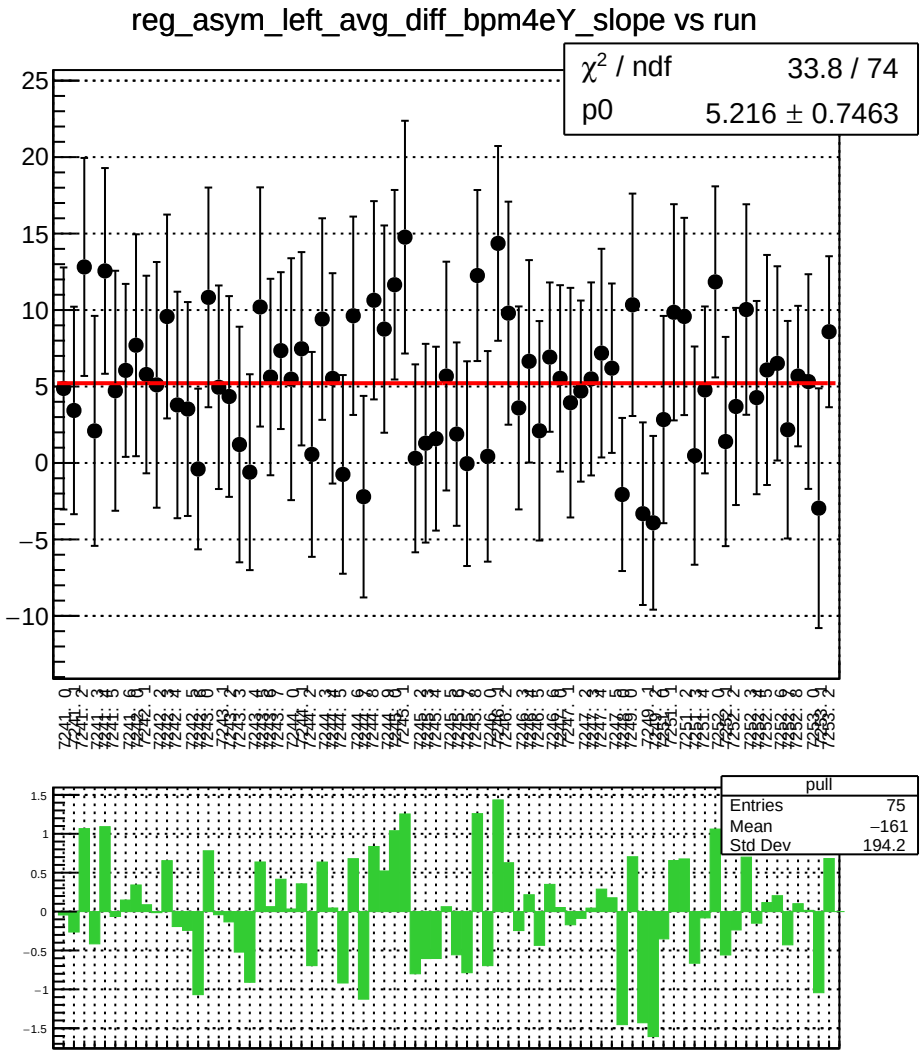

reg_asym_left_avg_diff_bpm1X_slope vs run
χ² / ndf 32.3 / 74
p0 −34.89 ± 0.9021
pull
Entries 75
Mean −107
Std Dev 97.93

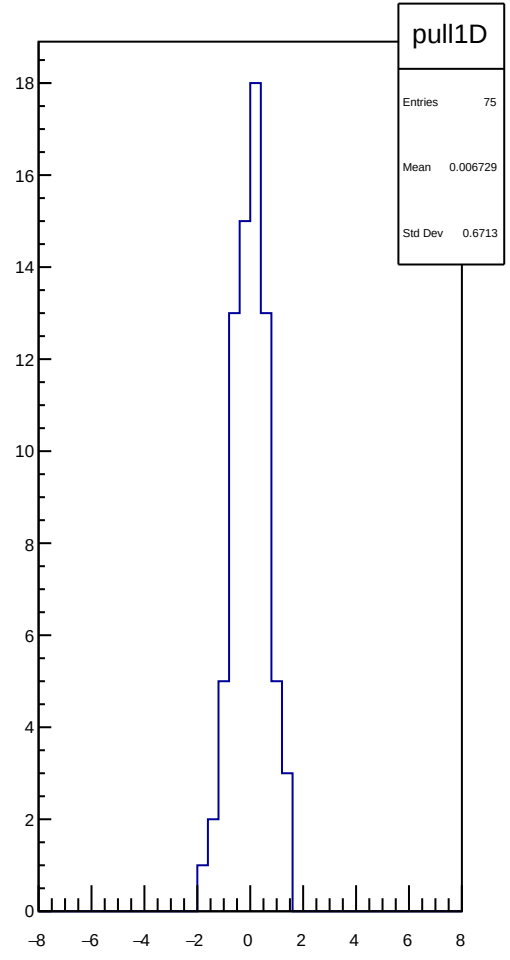

pull1D
Entries 75
Mean 0.0009753
Std Dev 0.6562

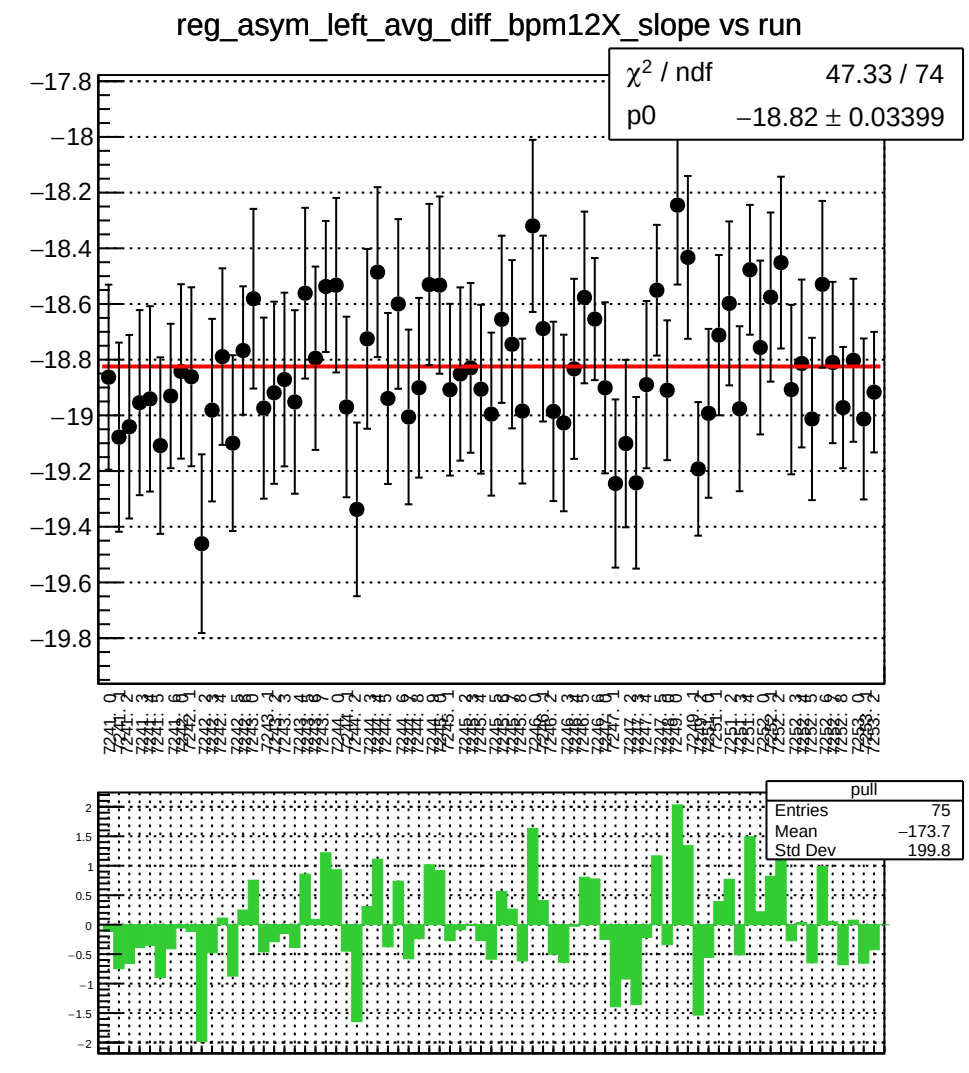

reg_asym_left_avg_diff_bpm4aY_slope vs run
χ² / ndf 34.12 / 74
p0 4.335 ± 0.6941
pull
Entries 75
Mean −177.9
Std Dev 198.6

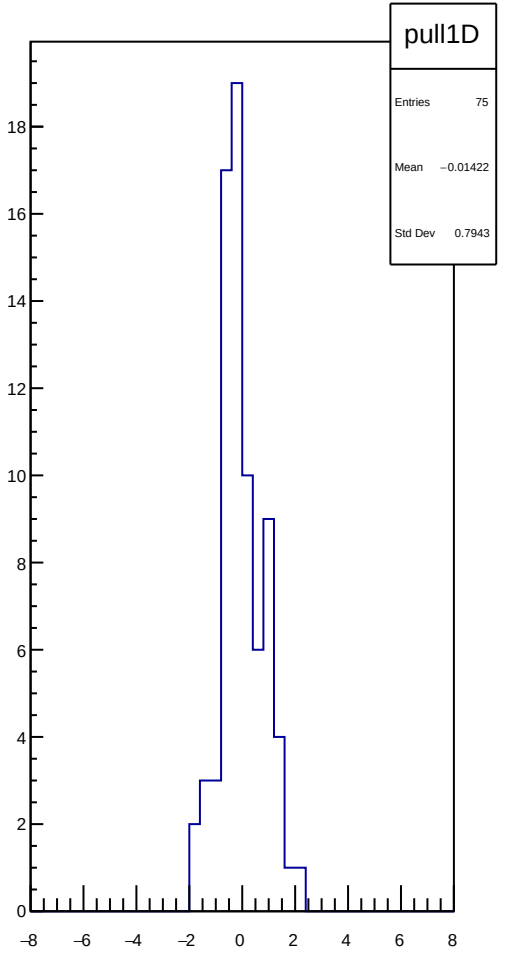

pull1D
Entries 75
Mean −0.0008849
Std Dev 0.6745

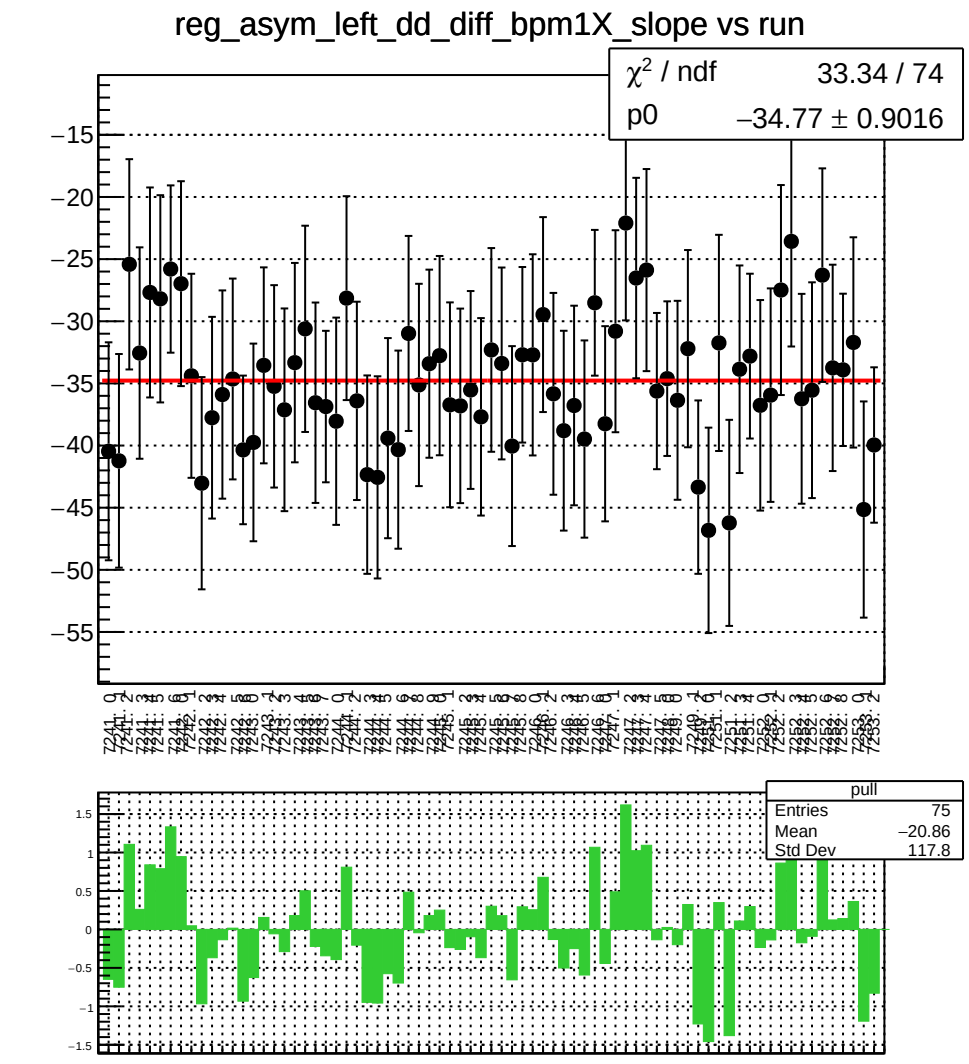

reg_asym_left_avg_diff_bpm4eX_slope vs run
χ² / ndf 31.1 / 74
p0 7.036 ± 0.9399
pull
Entries 75
Mean 383.9
Std Dev 329.8
pull1D
Entries 75
Mean −0.001938
Std Dev 0.6439

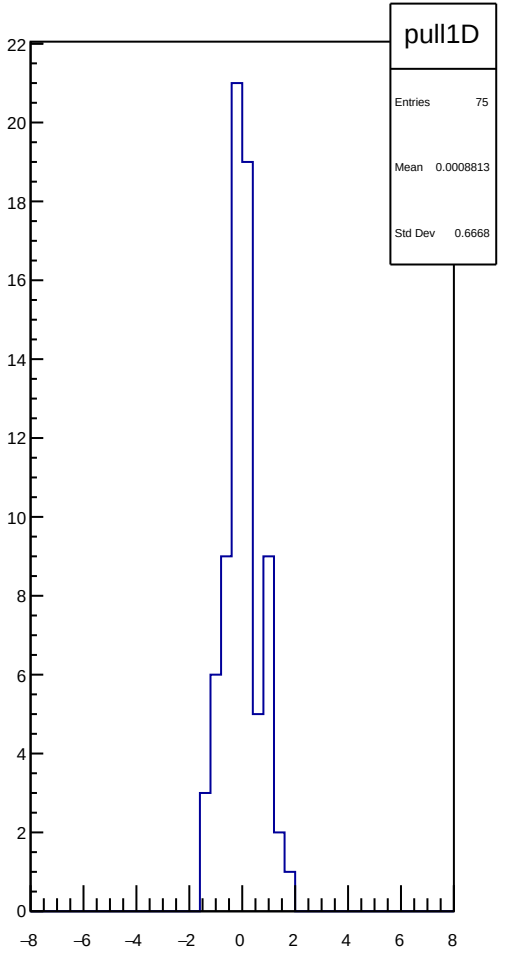

reg_asym_left_avg_diff_bpm4eY_slope vs run
χ² / ndf 33.8 / 74
p0 5.216 ± 0.7463
pull
Entries 75
Mean −161
Std Dev 194.2

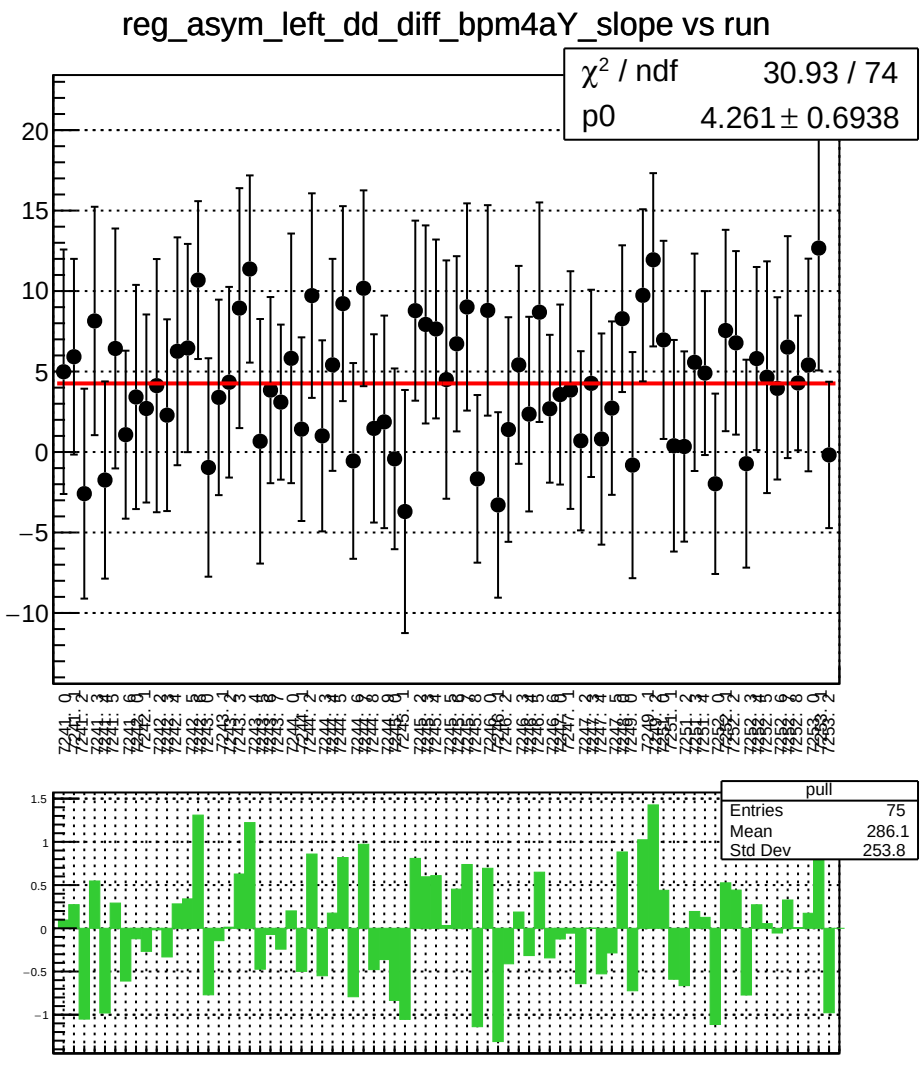

pull1D
Entries 75
Mean 0.006729
Std Dev 0.6713

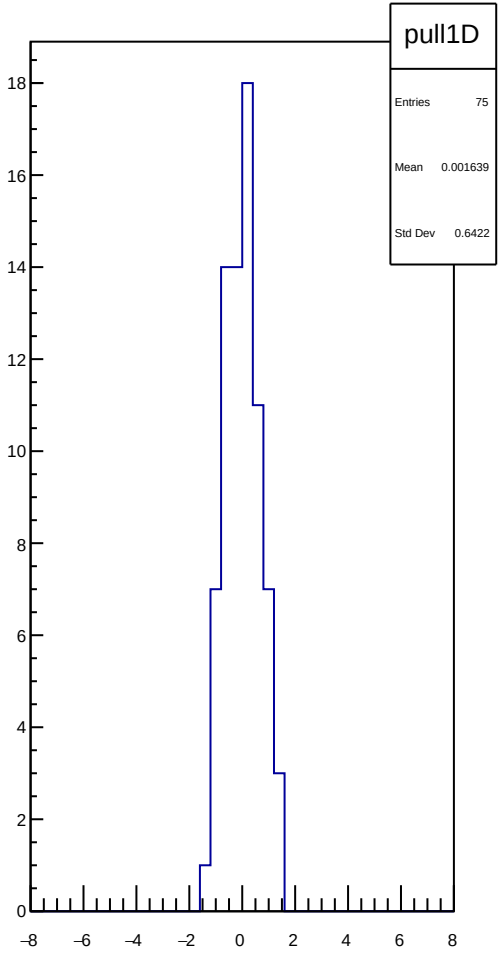

reg_asym_left_avg_diff_bpm12X_slope vs run
χ² / ndf 47.33 / 74
p0 −18.82 ± 0.03399
pull
Entries 75
Mean −173.7
Std Dev 199.8

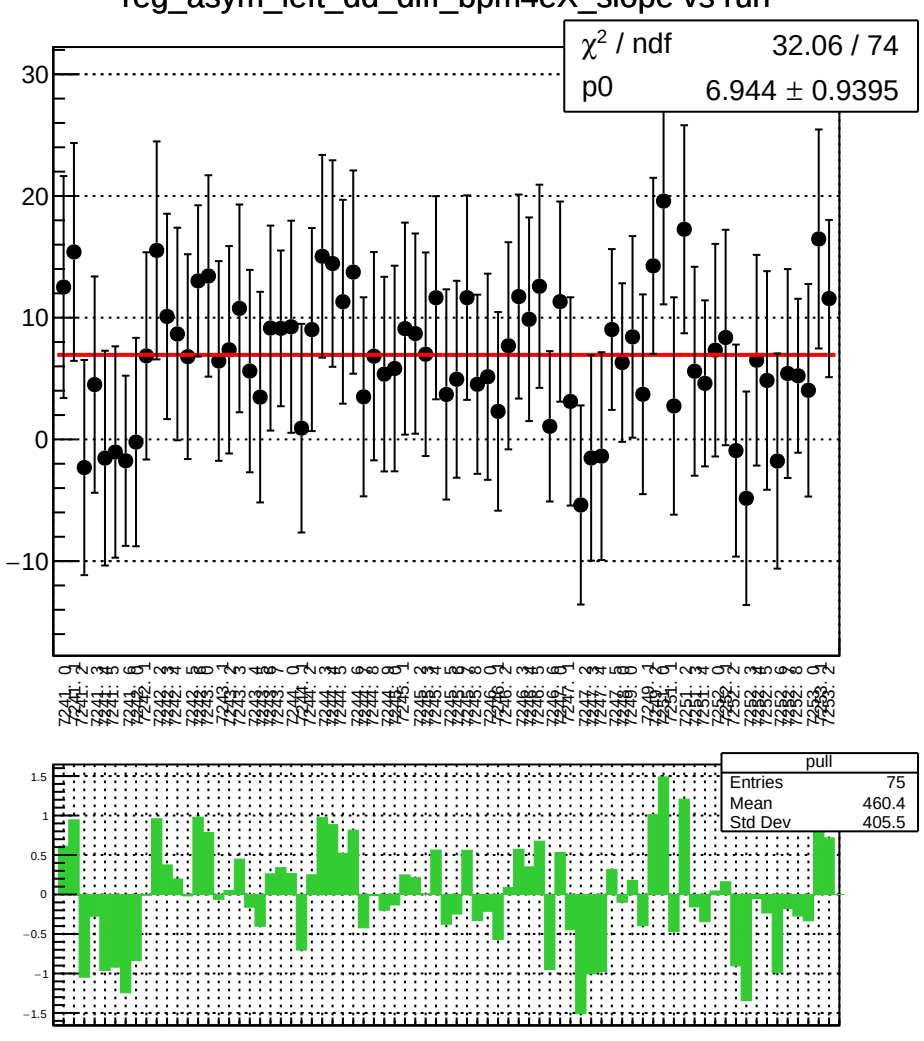

pull1D
Entries 75
Mean −0.01422
Std Dev 0.7943

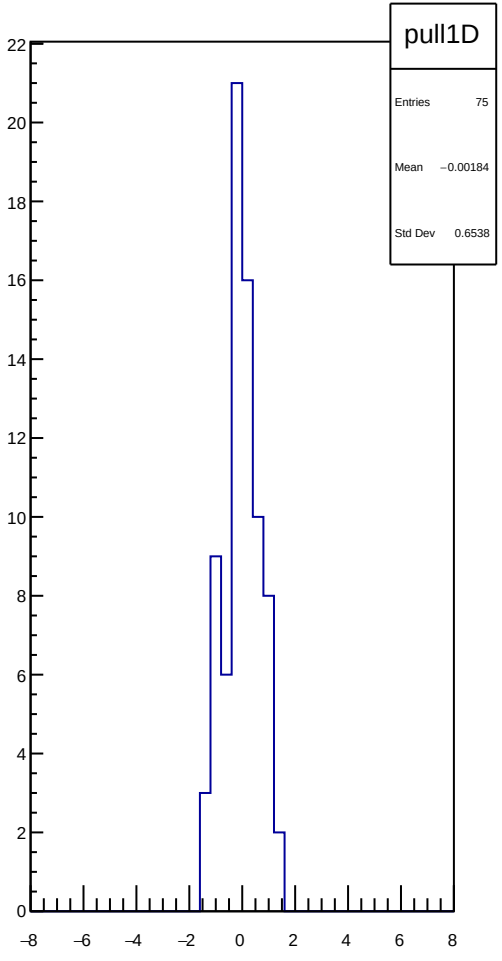

reg_asym_left_dd_diff_bpm1X_slope vs run
χ² / ndf 33.34 / 74
p0 −34.77 ± 0.9016
pull
Entries 75
Mean −20.86
Std Dev 117.8

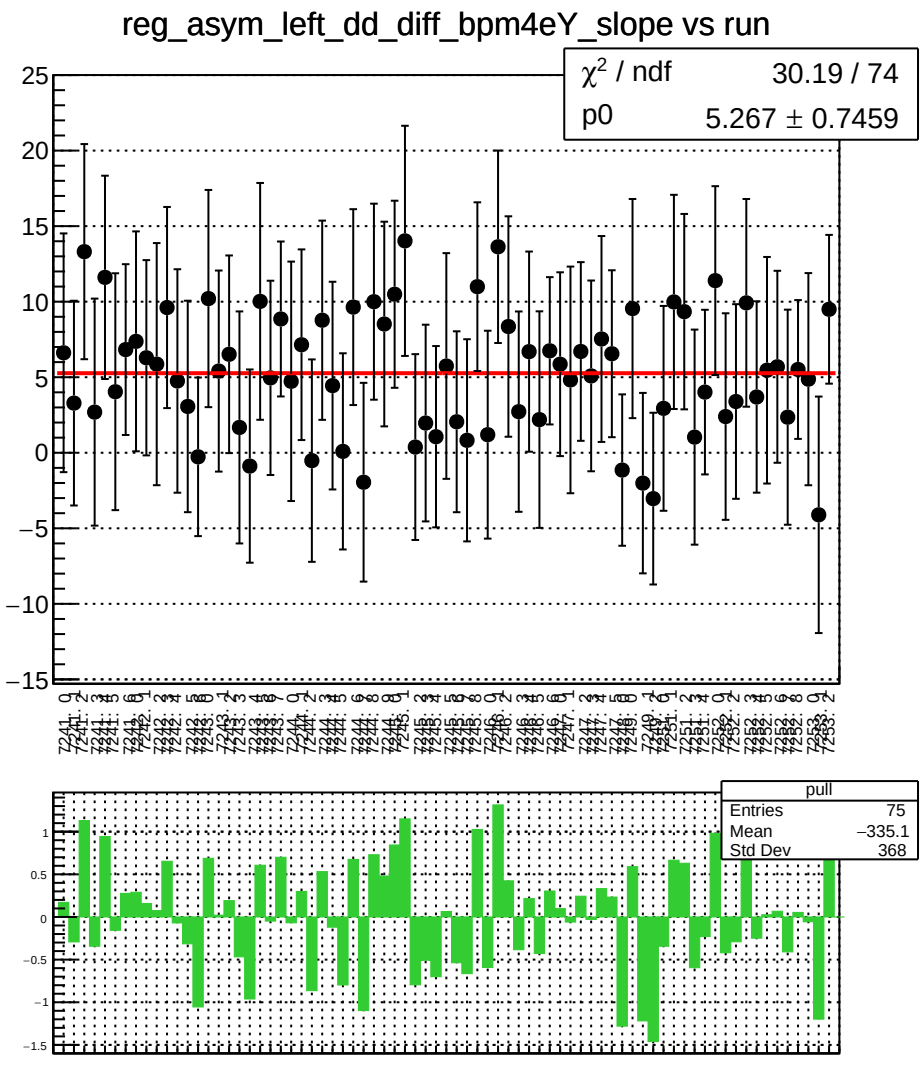

pull1D
Entries 75
Mean 0.0008813
Std Dev 0.6668

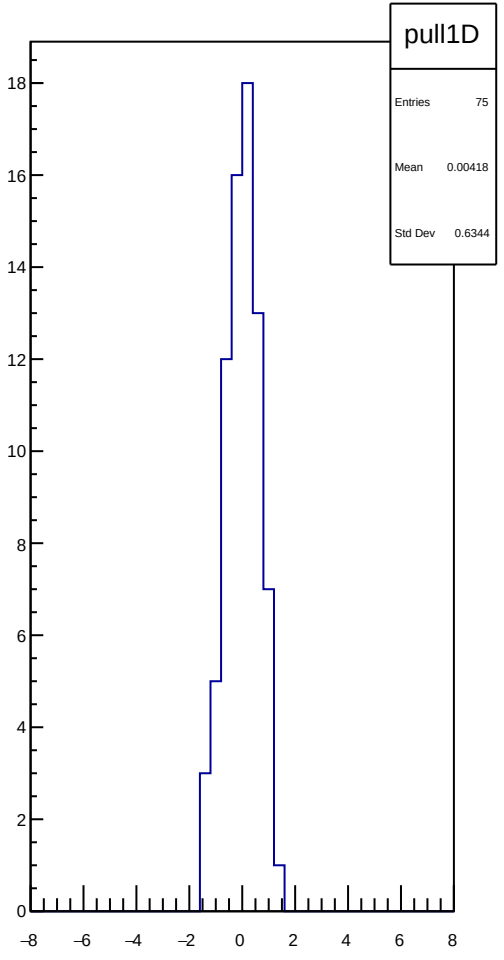

reg_asym_left_dd_diff_bpm4aY_slope vs run
χ² / ndf 30.93 / 74
p0 4.261 ± 0.6938
pull
Entries 75
Mean 286.1
Std Dev 253.8

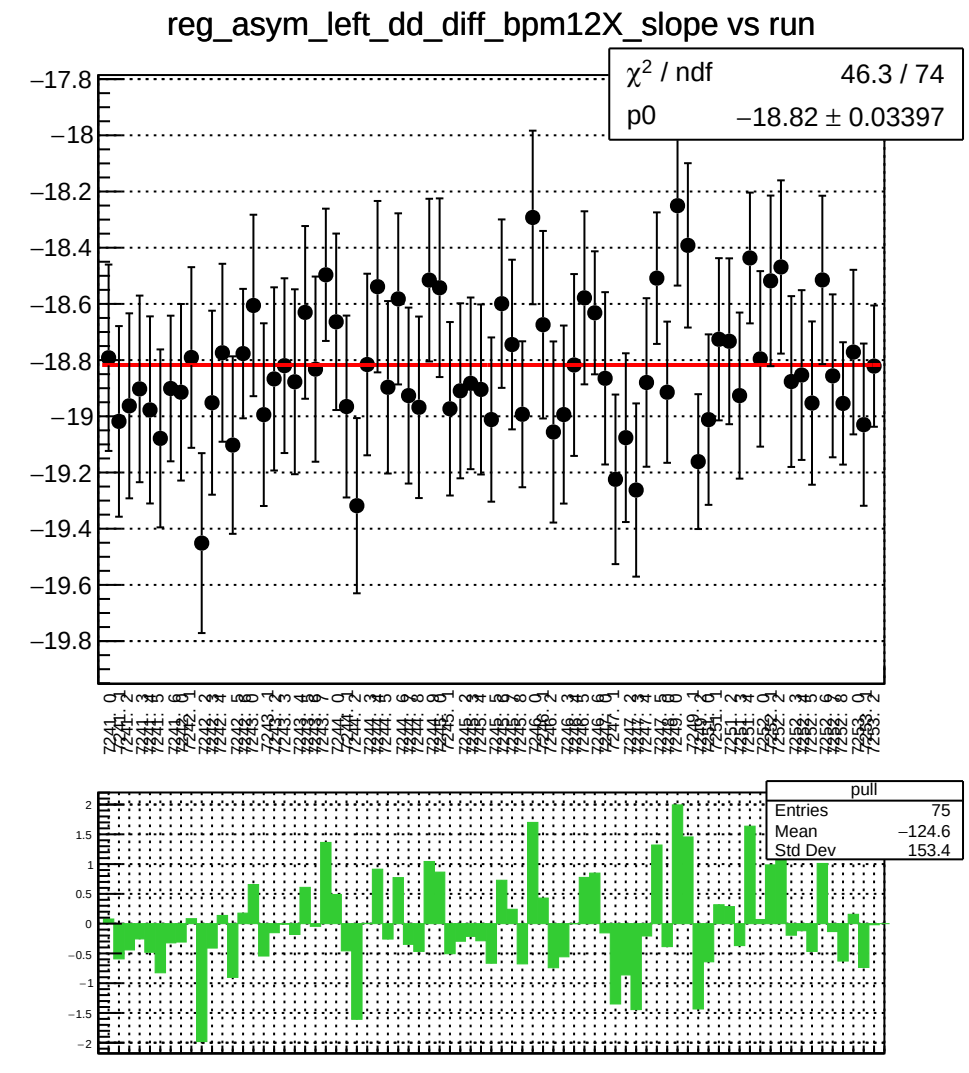

pull1D
Entries 75
Mean 0.001639
Std Dev 0.6422

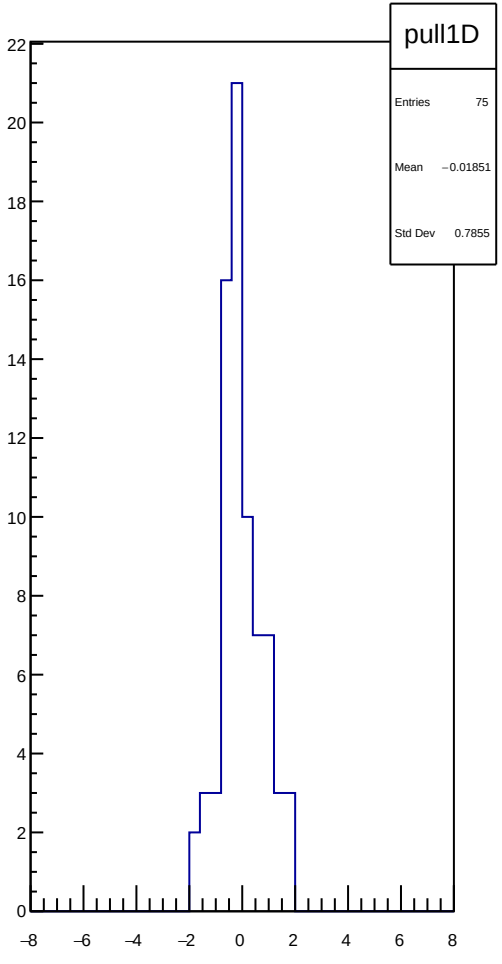

reg_asym_left_dd_diff_bpm4eX_slope vs run
χ² / ndf 32.06 / 74
p0 6.944 ± 0.9395
pull
Entries 75
Mean 460.4
Std Dev 405.5

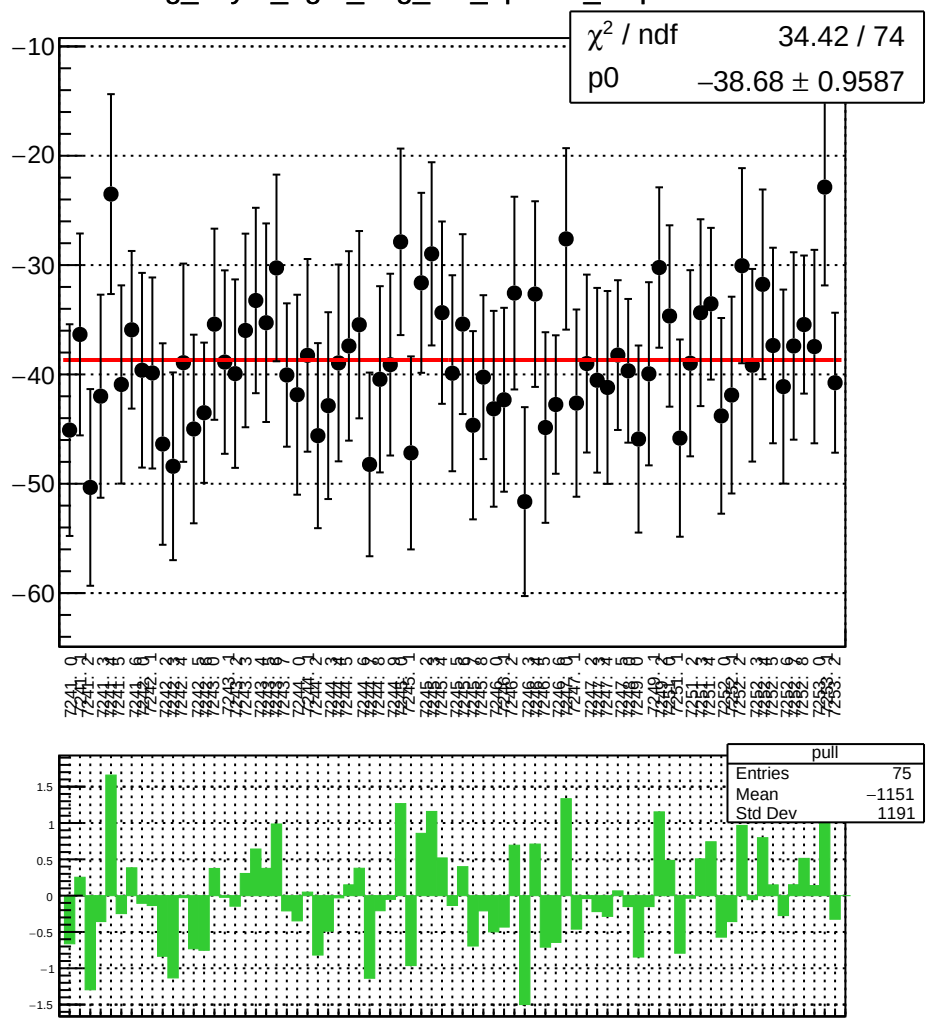

pull1D
Entries 75
Mean −0.00184
Std Dev 0.6538

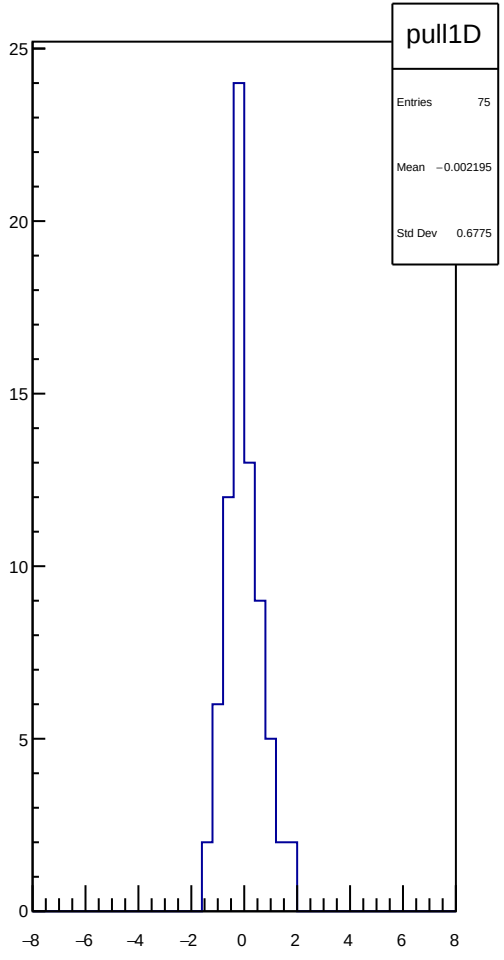

reg_asym_left_dd_diff_bpm4eY_slope vs run
χ² / ndf 30.19 / 74
p0 5.267 ± 0.7459
pull
Entries 75
Mean −335.1
Std Dev 368

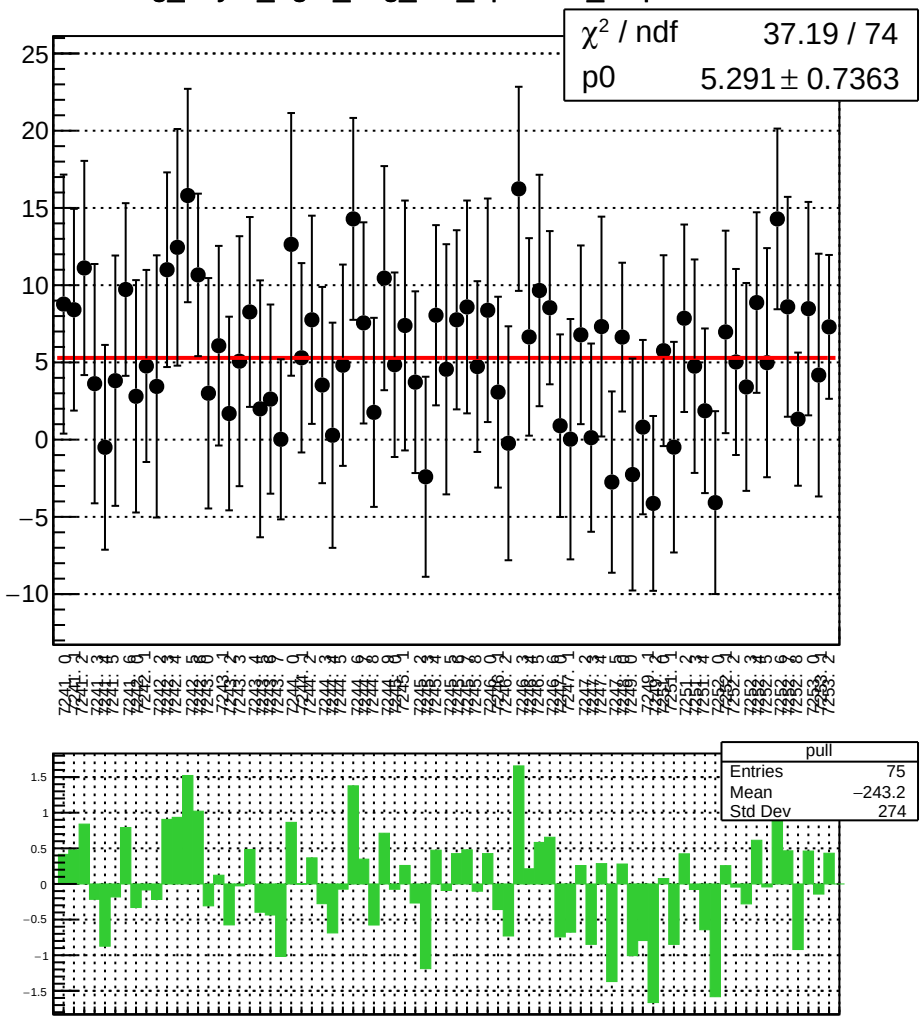

pull1D
Entries 75
Mean 0.00418
Std Dev 0.6344

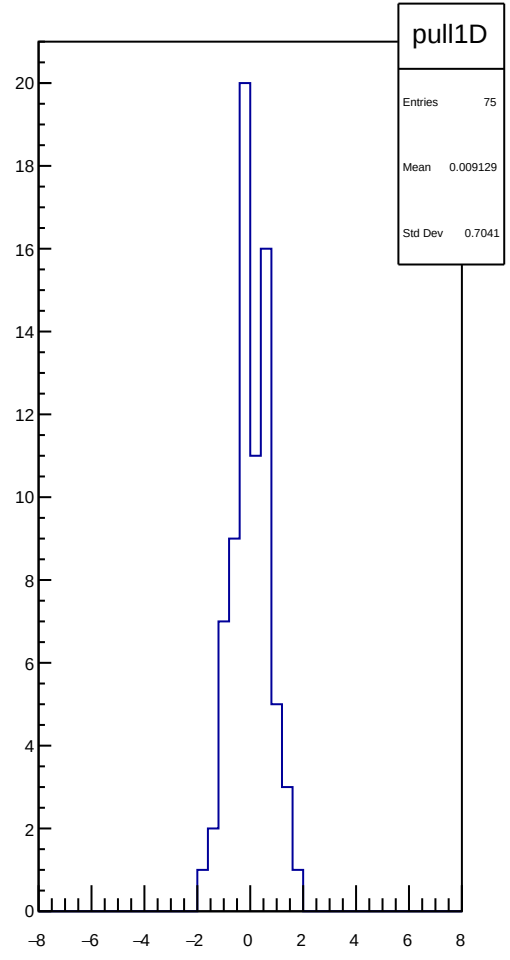

reg_asym_left_dd_diff_bpm12X_slope vs run
χ² / ndf 46.3 / 74
p0 −18.82 ± 0.03397
pull
Entries 75
Mean −124.6
Std Dev 153.4

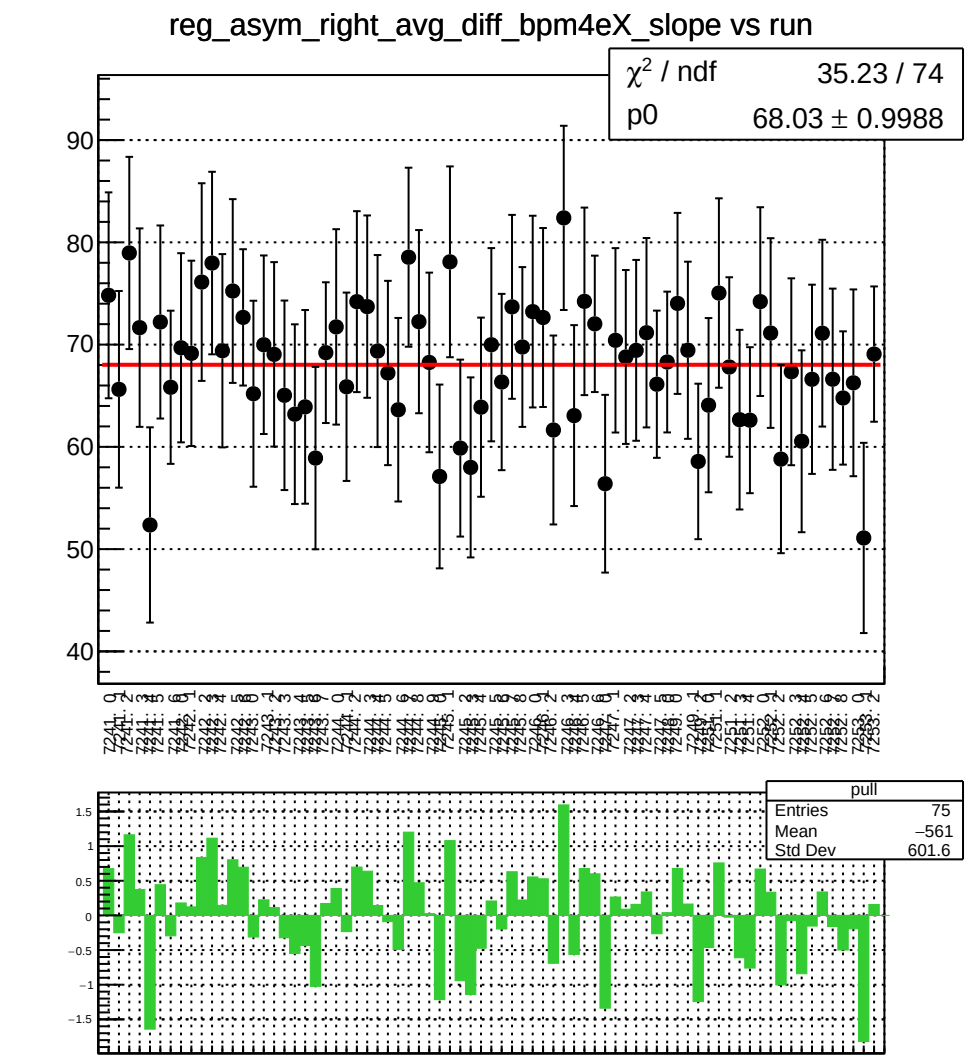

pull1D
Entries 75
Mean −0.01851
Std Dev 0.7855

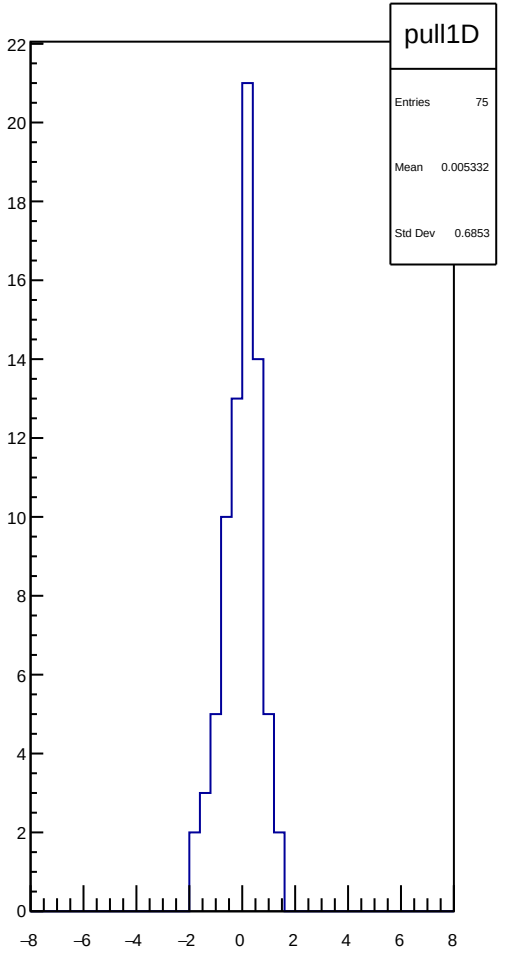

reg_asym_right_avg_diff_bpm1X_slope vs run
χ² / ndf 34.42 / 74
p0 −38.68 ± 0.9587
pull
Entries 75
Mean −1151
Std Dev 1191

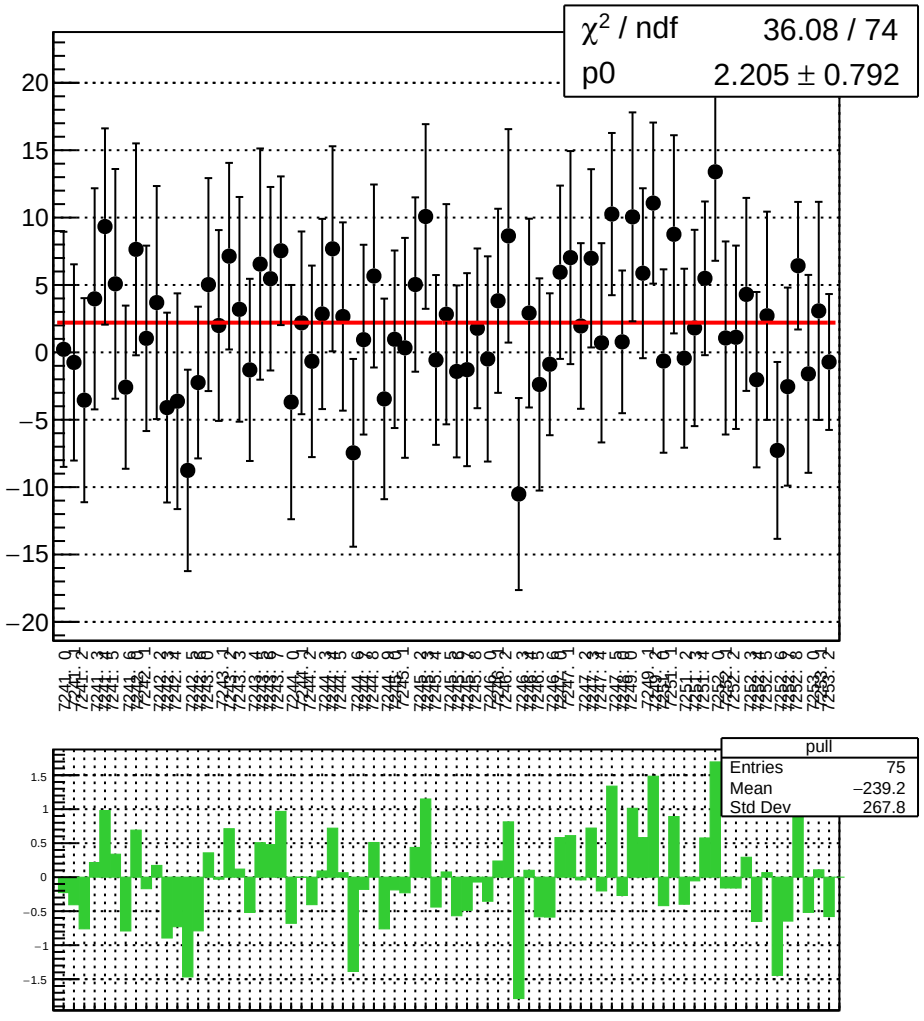

pull1D
Entries 75
Mean −0.002195
Std Dev 0.6775

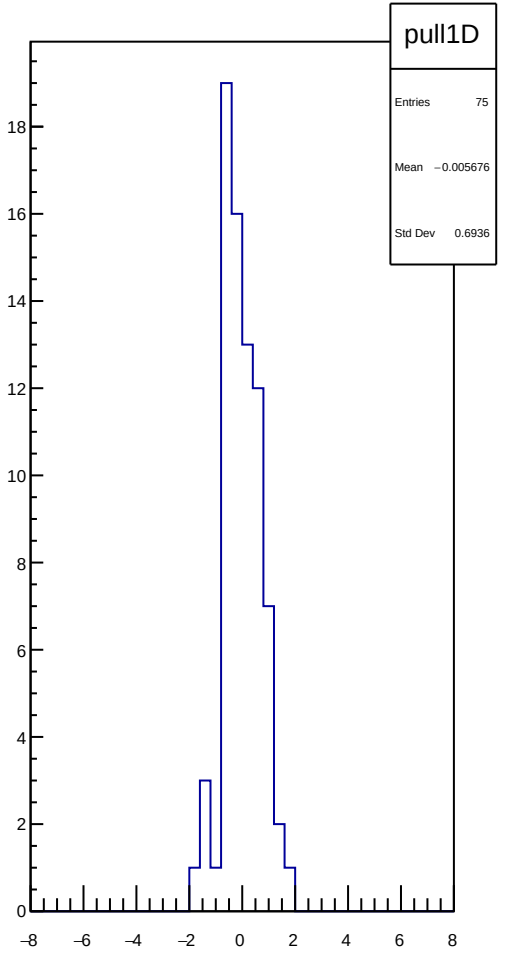

reg_asym_right_avg_diff_bpm4aY_slope vs run
χ² / ndf 37.19 / 74
p0 5.291 ± 0.7363
pull
Entries 75
Mean −243.2
Std Dev 274

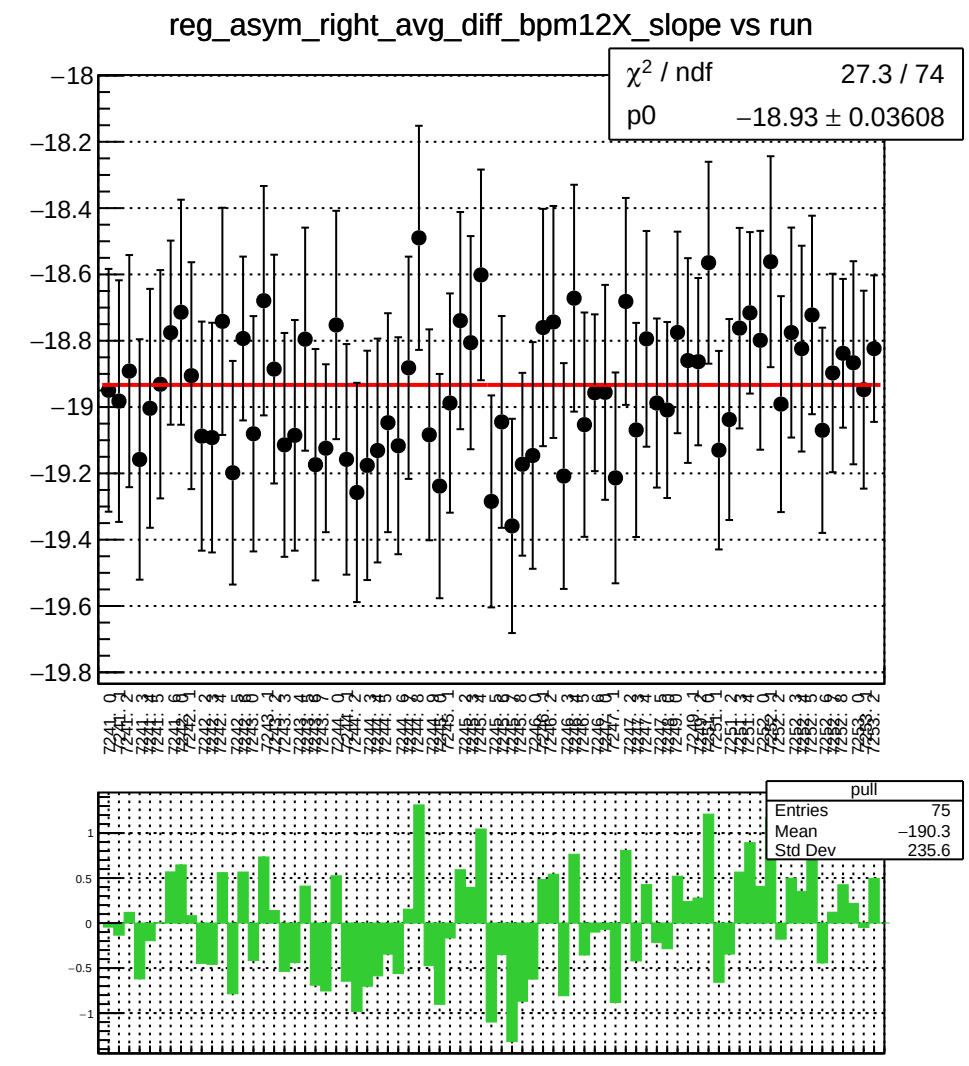

pull1D
Entries 75
Mean 0.009129
Std Dev 0.7041

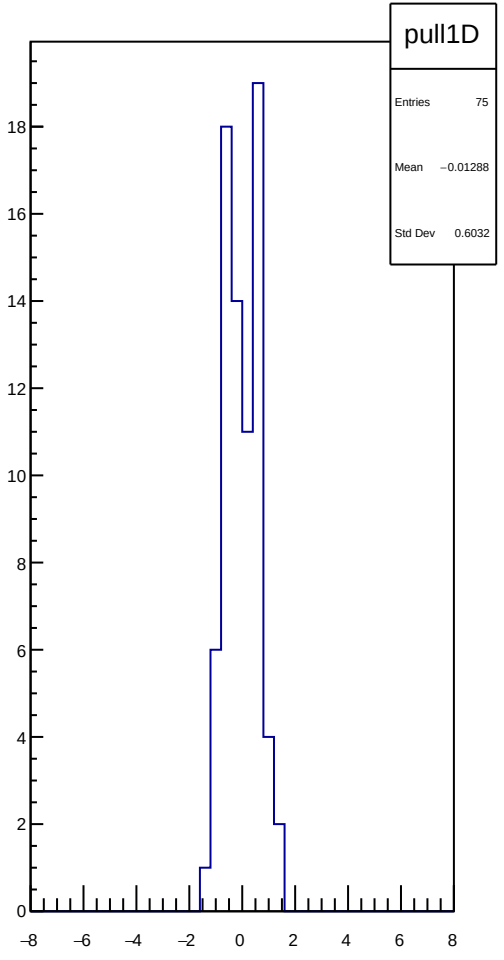

reg_asym_right_avg_diff_bpm4eX_slope vs run
χ² / ndf 35.23 / 74
p0 68.03 ± 0.9988
pull
Entries 75
Mean −561
Std Dev 601.6

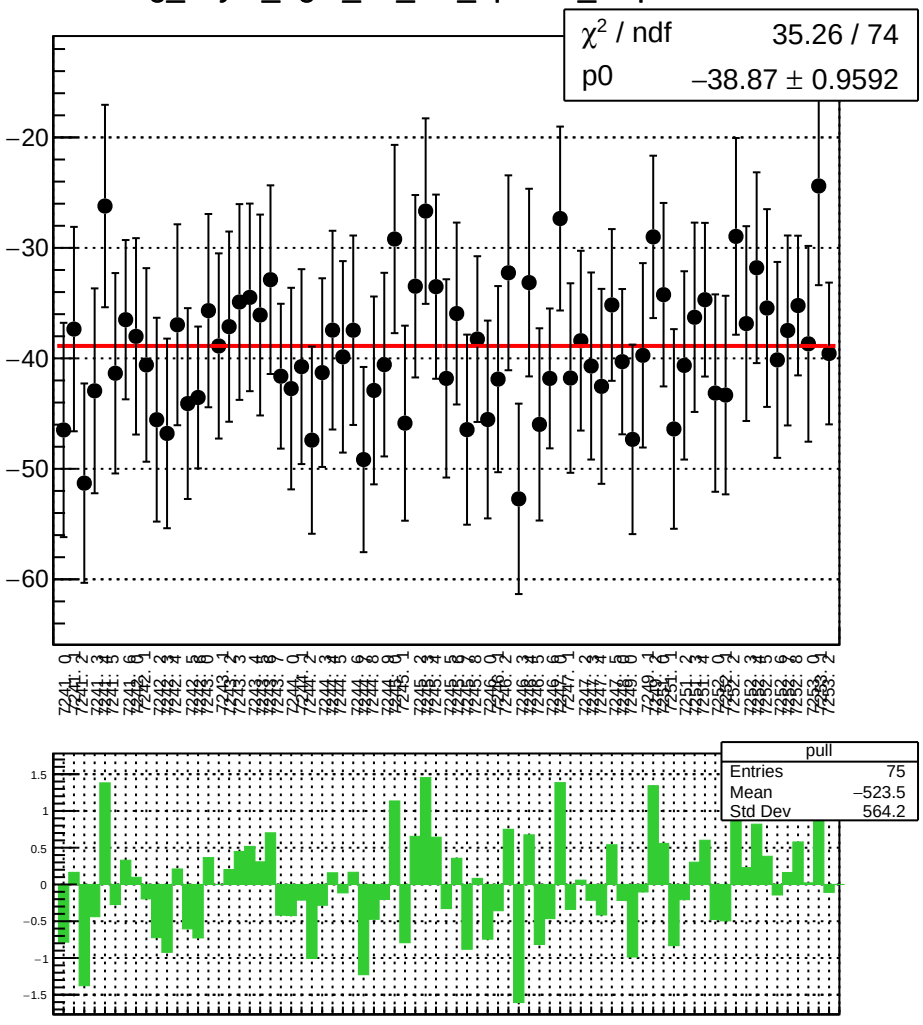

pull1D
Entries 75
Mean 0.005332
Std Dev 0.6853

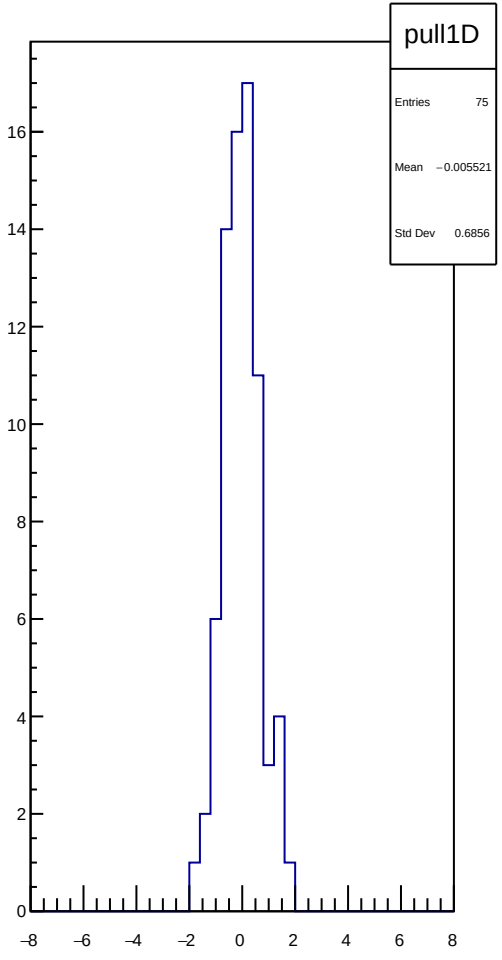

reg_asym_right_avg_diff_bpm4eY_slope vs run
χ² / ndf 36.08 / 74
p0 2.205 ± 0.792
pull
Entries 75
Mean −239.2
Std Dev 267.8

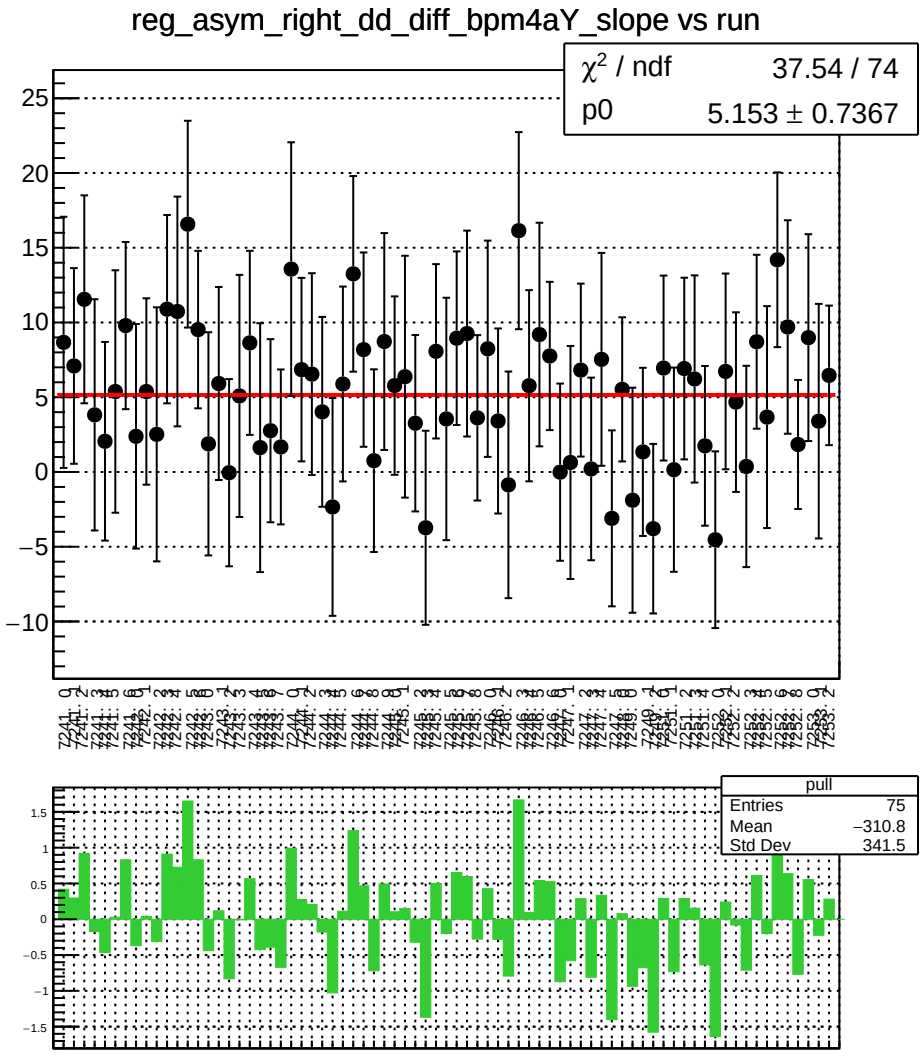

pull1D
Entries 75
Mean −0.005676
Std Dev 0.6936

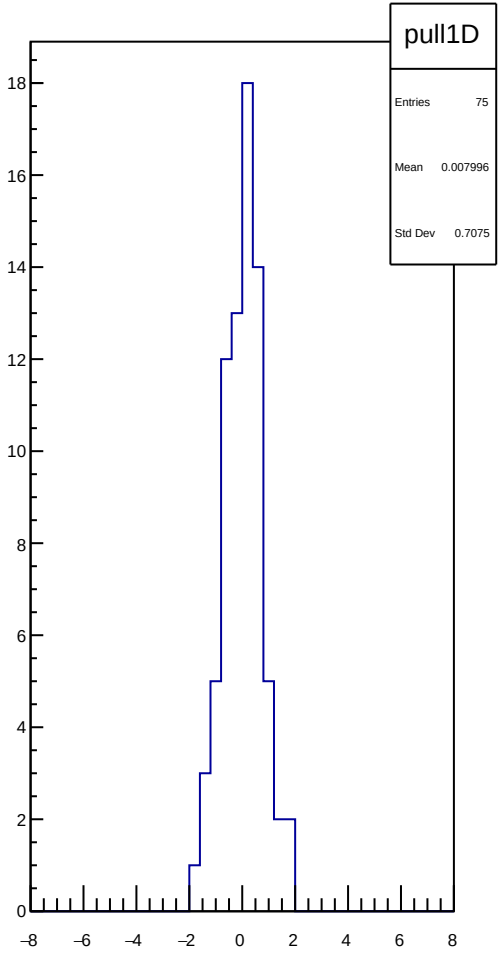

reg_asym_right_avg_diff_bpm12X_slope vs run
χ² / ndf 27.3 / 74
p0 −18.93 ± 0.03608
pull
Entries 75
Mean −190.3
Std Dev 235.6

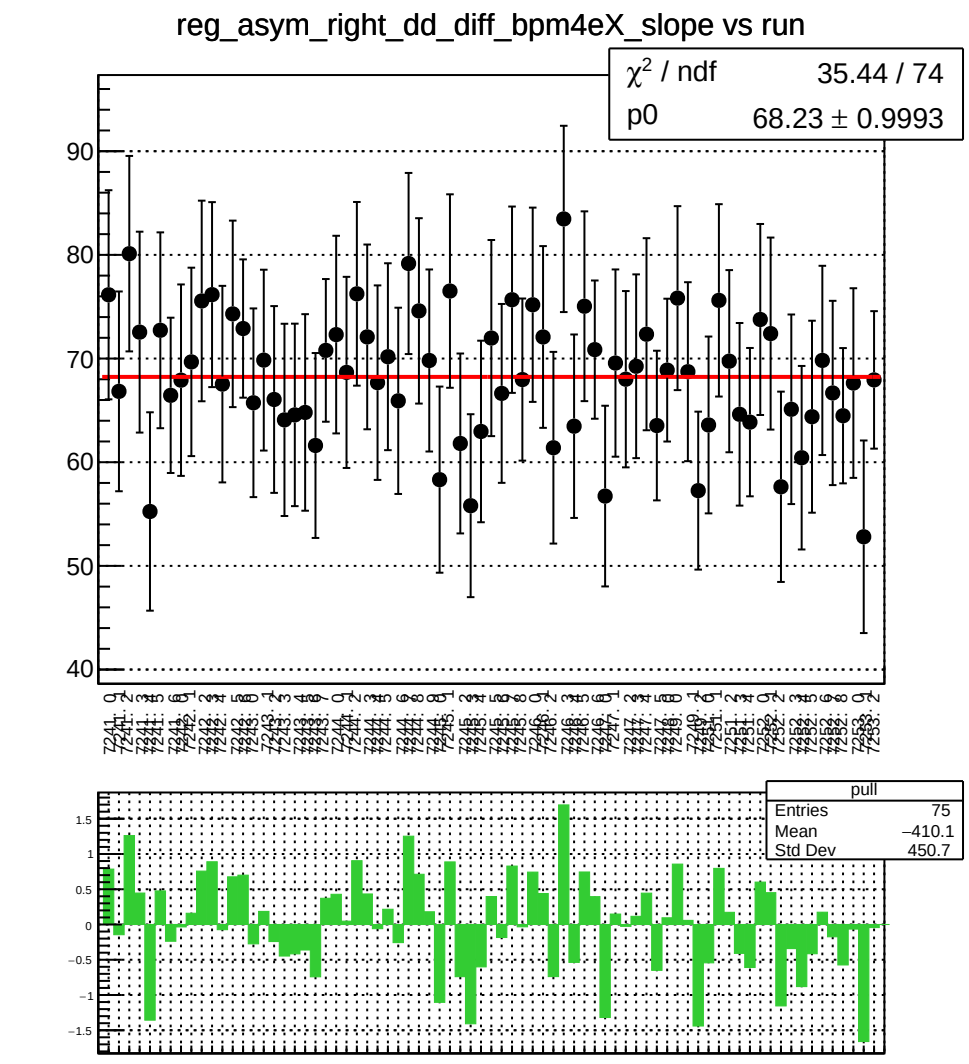

pull1D
Entries 75
Mean −0.01288
Std Dev 0.6032

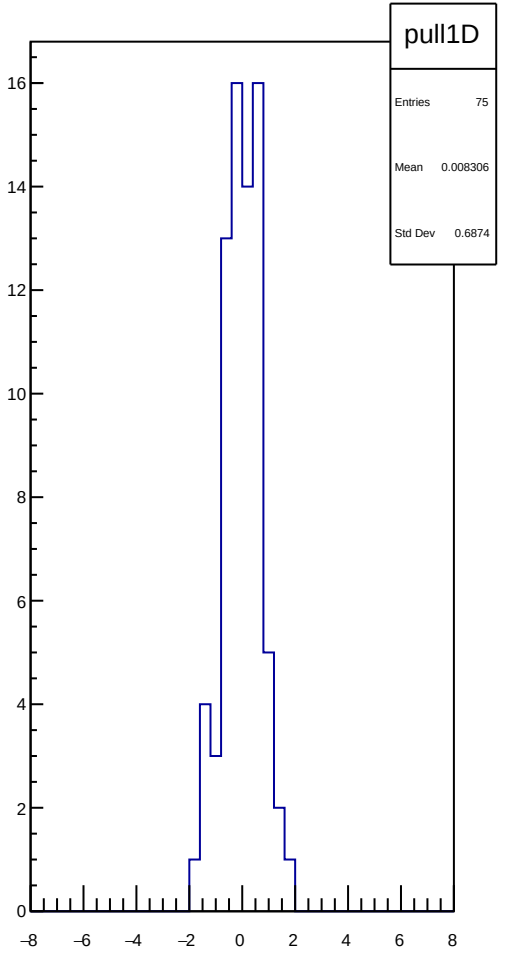

reg_asym_right_dd_diff_bpm1X_slope vs run
χ² / ndf 35.26 / 74
p0 −38.87 ± 0.9592
pull
Entries 75
Mean −523.5
Std Dev 564.2

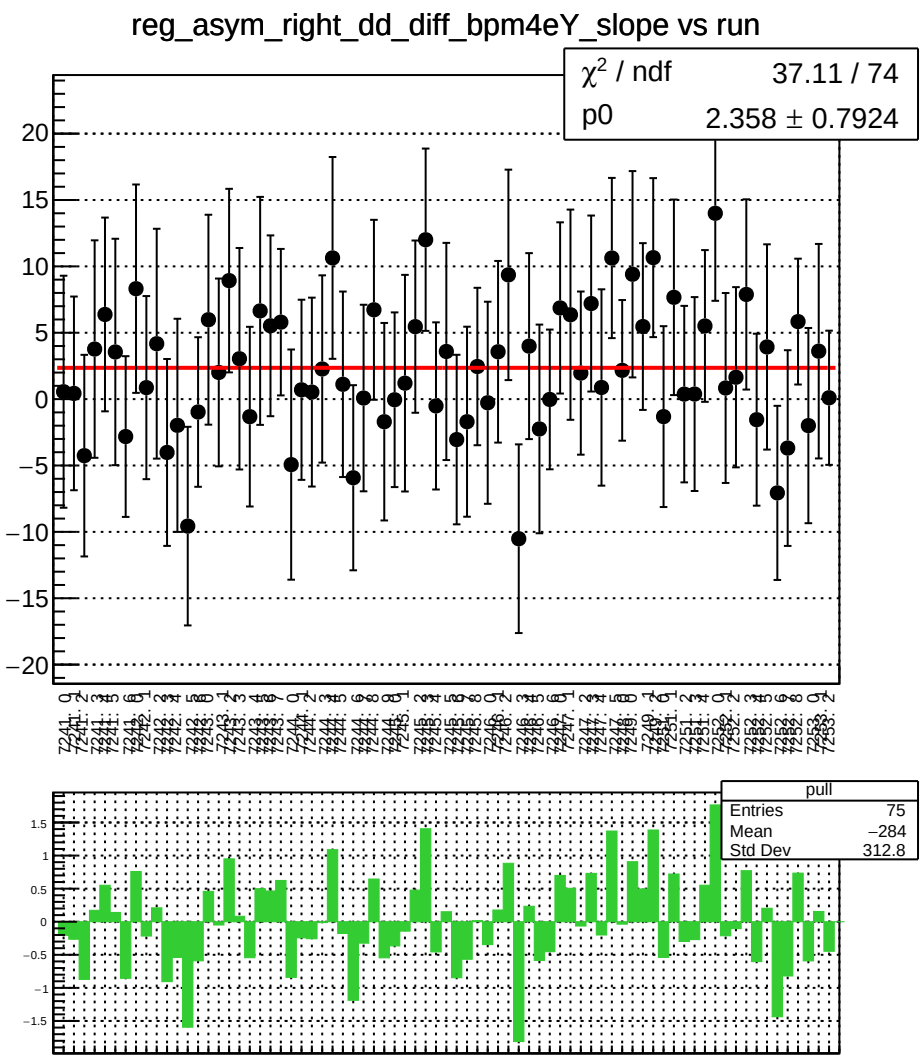

pull1D
Entries 75
Mean −0.005521
Std Dev 0.6856

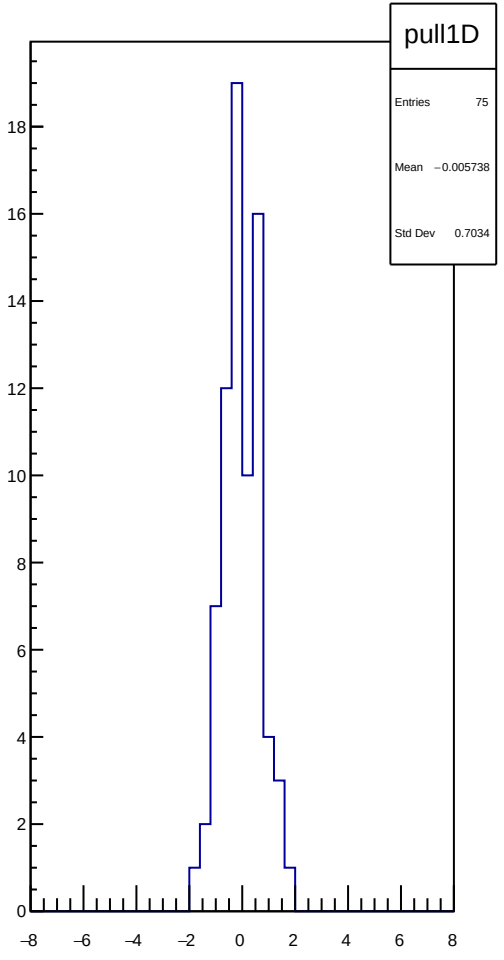

reg_asym_right_dd_diff_bpm4aY_slope vs run
χ² / ndf 37.54 / 74
p0 5.153 ± 0.7367
pull
Entries 75
Mean −310.8
Std Dev 341.5

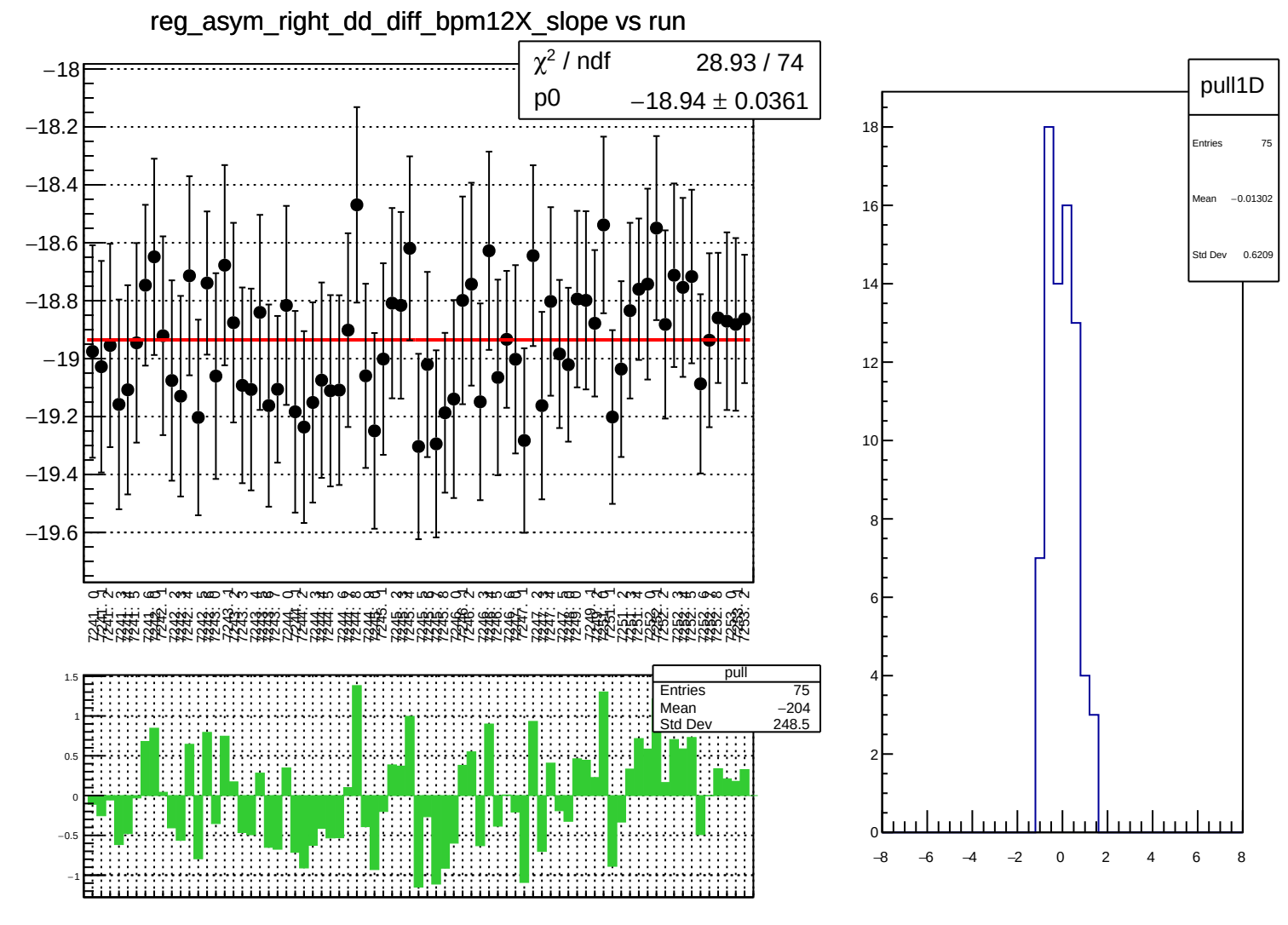

pull1D
Entries 75
Mean 0.007996
Std Dev 0.7075

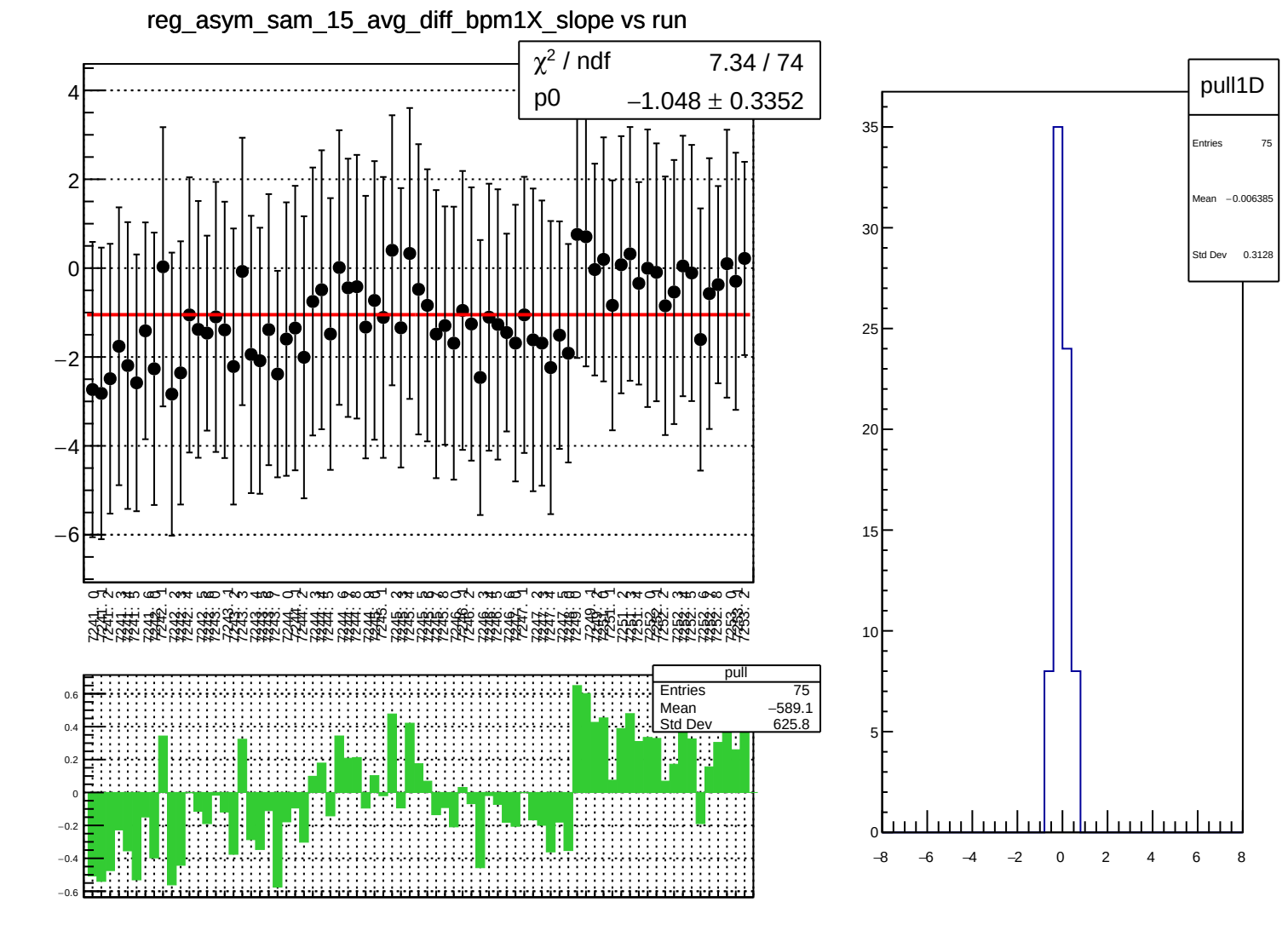

reg_asym_right_dd_diff_bpm4eX_slope vs run
χ² / ndf 35.44 / 74
p0 68.23 ± 0.9993
pull
Entries 75
Mean −410.1
Std Dev 450.7

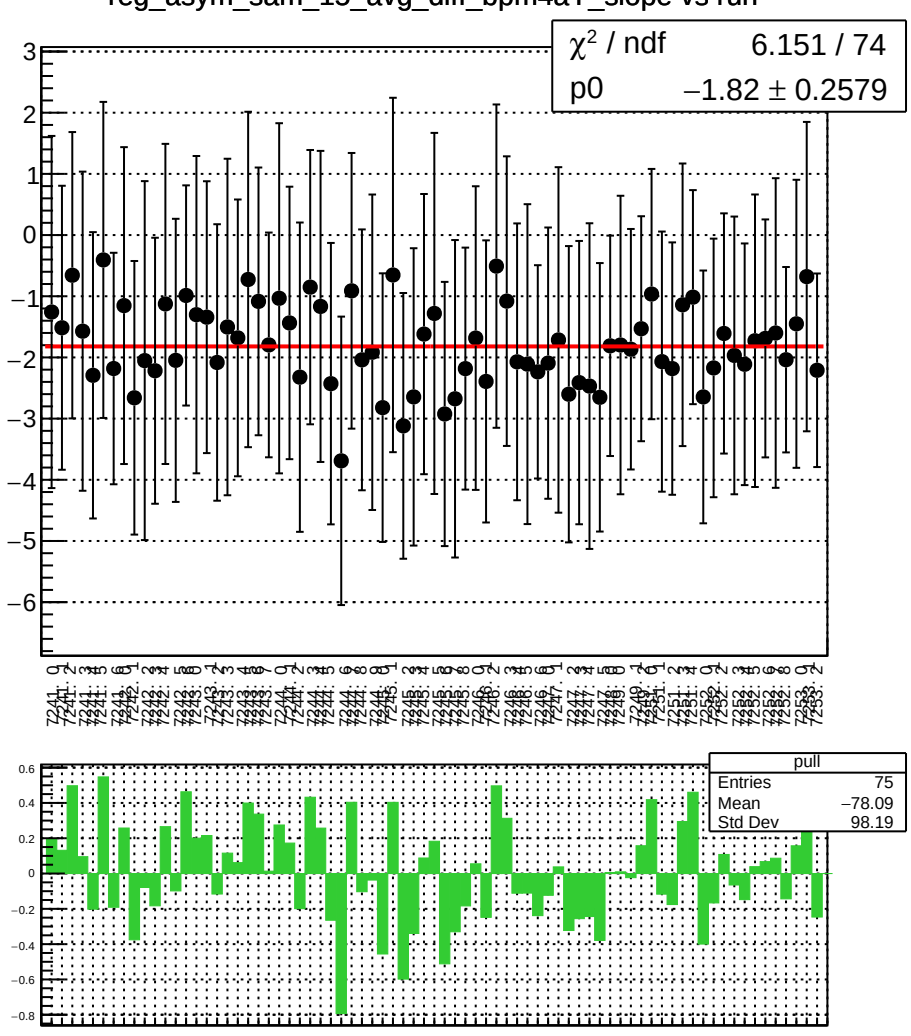

pull1D
Entries 75
Mean 0.008306
Std Dev 0.6874

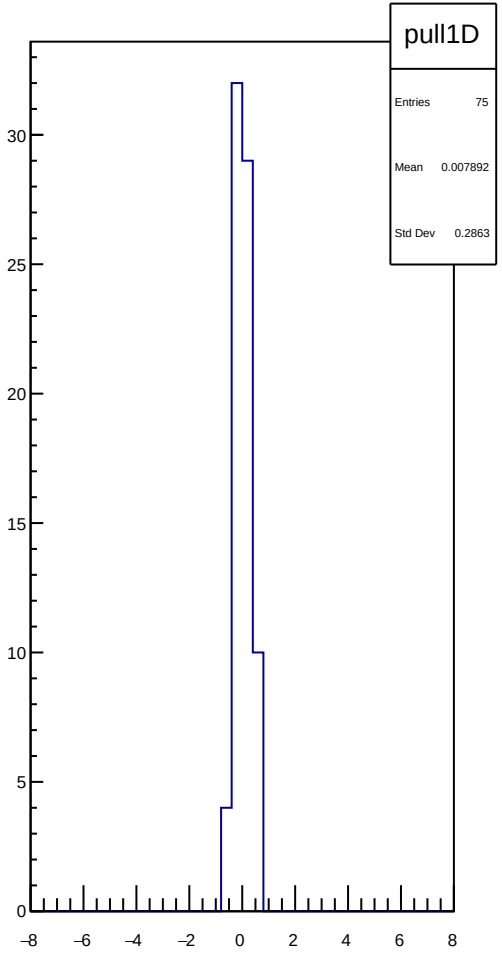

reg_asym_right_dd_diff_bpm4eY_slope vs run
χ² / ndf 37.11 / 74
p0 2.358 ± 0.7924
pull
Entries 75
Mean −284
Std Dev 312.8

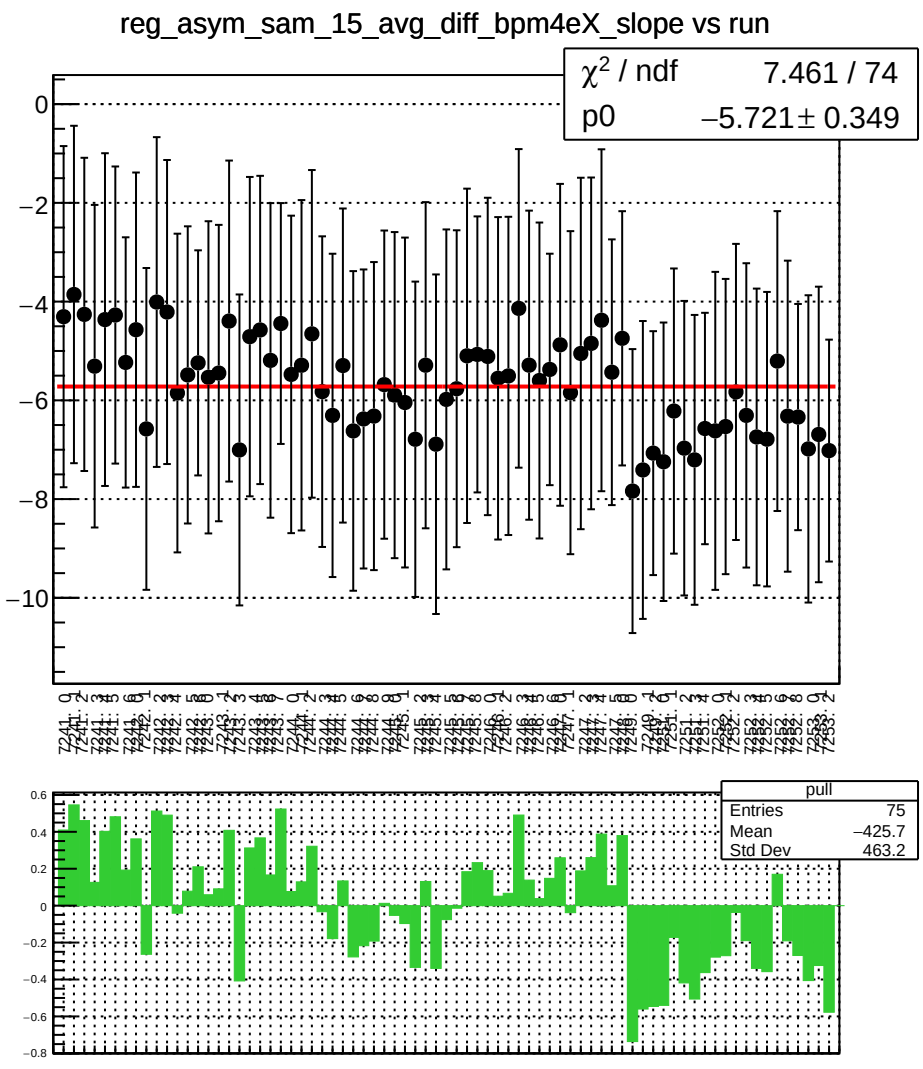

pull1D
Entries 75
Mean −0.005738
Std Dev 0.7034

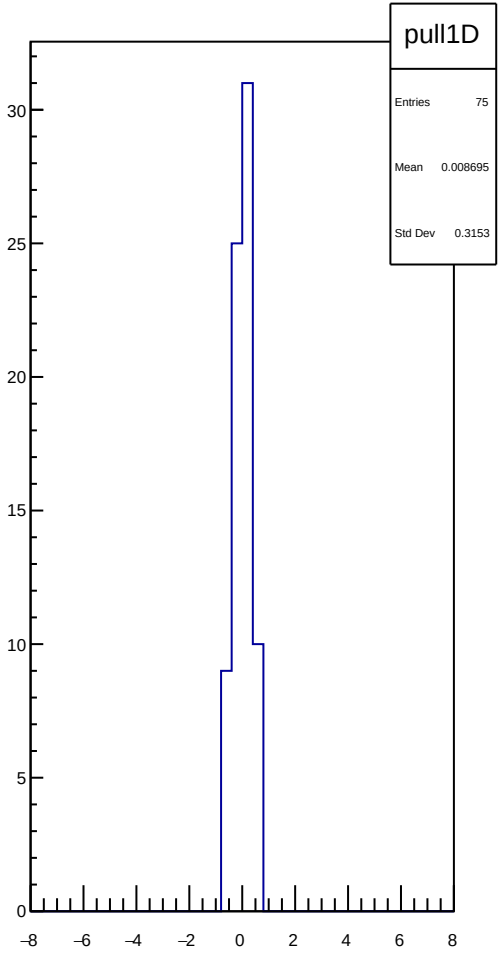

reg_asym_right_dd_diff_bpm12X_slope vs run
χ² / ndf 28.93 / 74
p0 −18.94 ± 0.0361
pull
Entries 75
Mean −204
Std Dev 248.5
pull1D
Entries 75
Mean −0.01302
Std Dev 0.6209

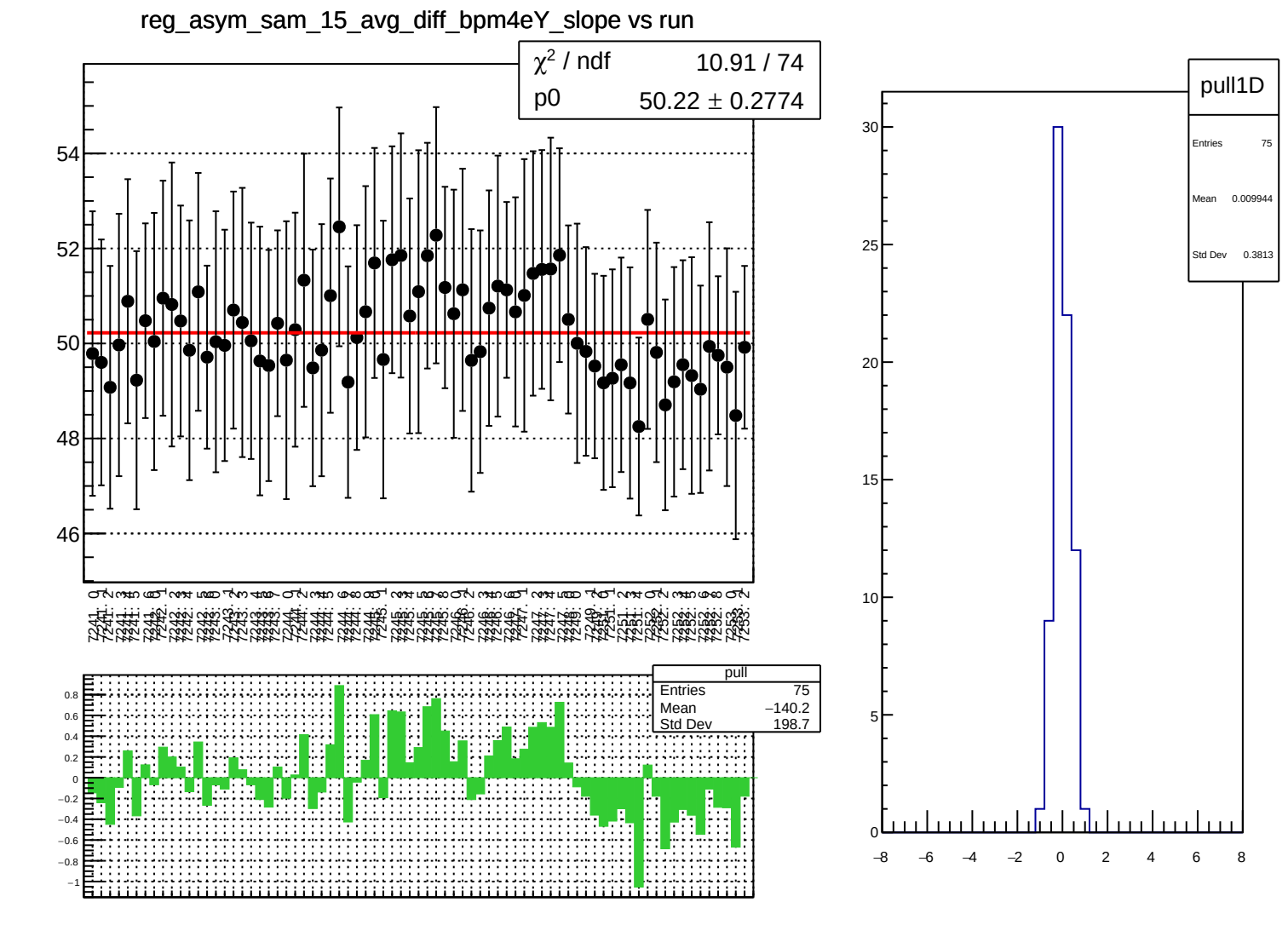

reg_asym_sam_15_avg_diff_bpm1X_slope vs run
χ² / ndf 7.34 / 74
p0 −1.048 ± 0.3352
pull
Entries 75
Mean −589.1
Std Dev 625.8
pull1D
Entries 75
Mean −0.006385
Std Dev 0.3128

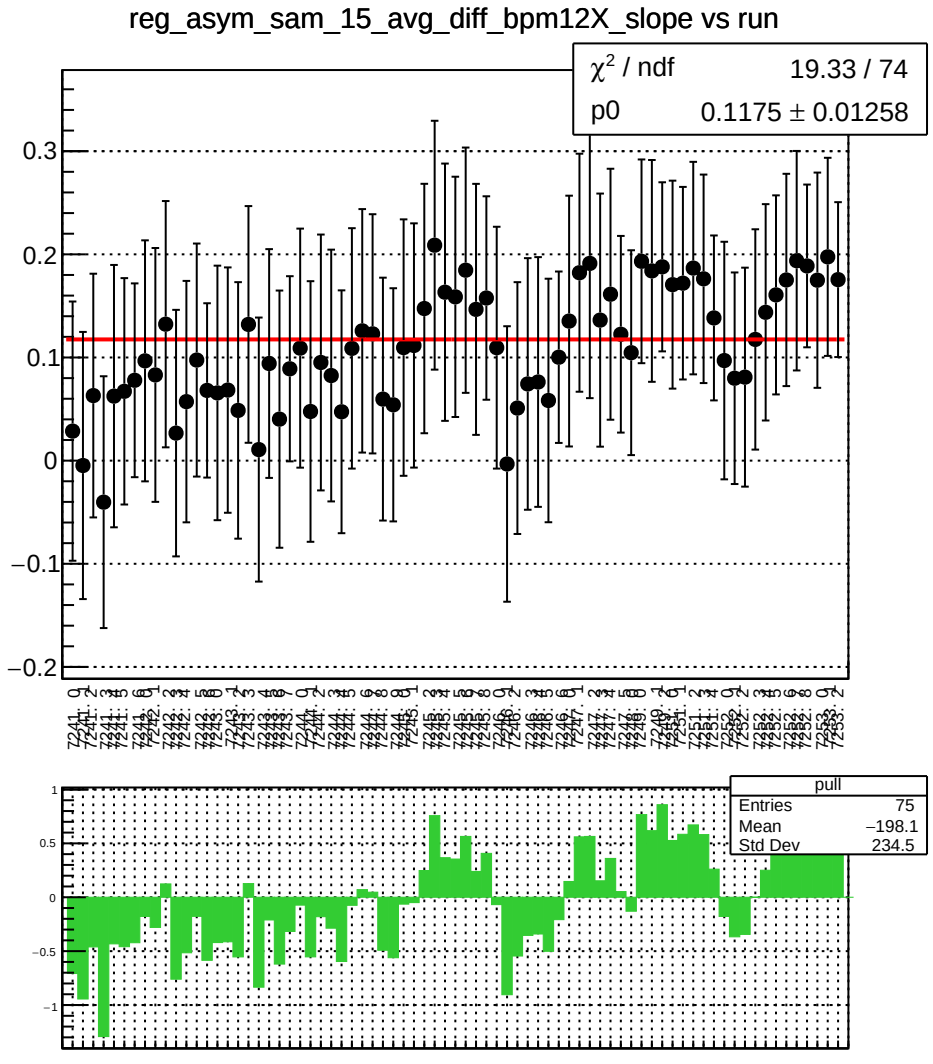

reg_asym_sam_15_avg_diff_bpm4aY_slope vs run
χ² / ndf 6.151 / 74
p0 −1.82 ± 0.2579
pull
Entries 75
Mean −78.09
Std Dev 98.19

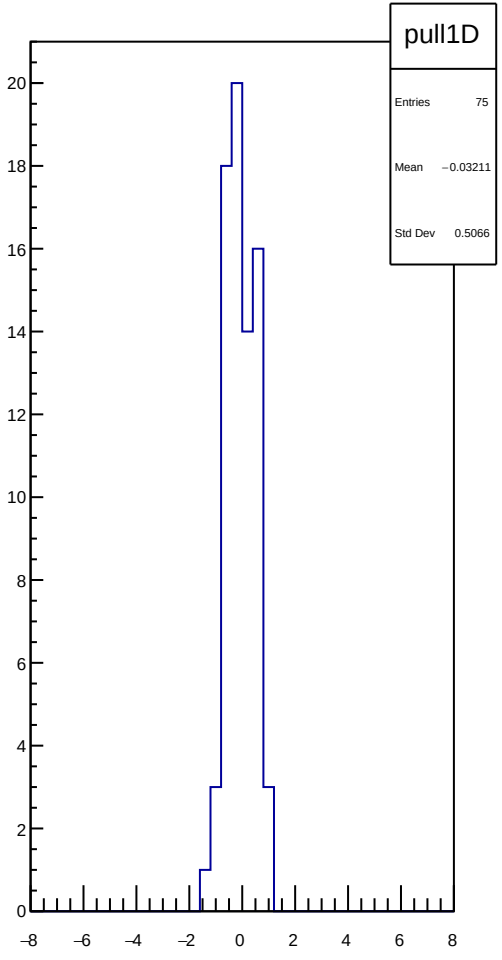

pull1D
Entries 75
Mean 0.007892
Std Dev 0.2863

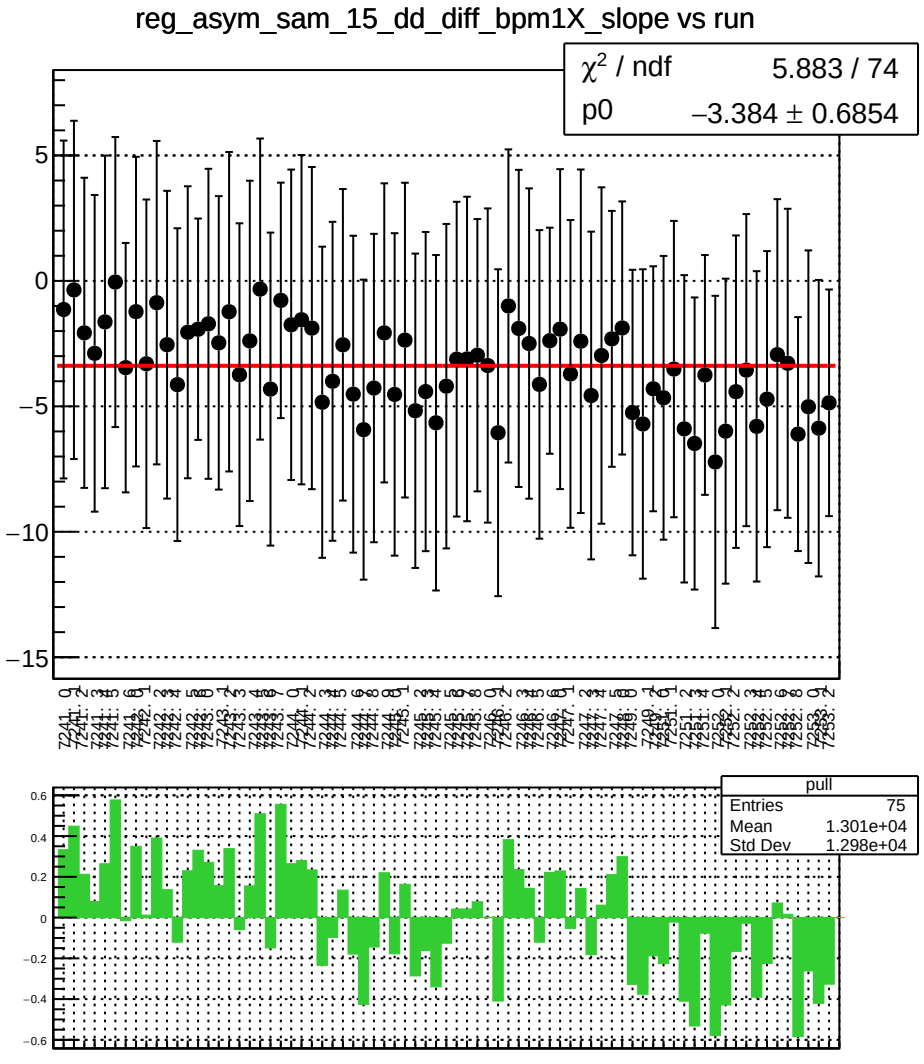

reg_asym_sam_15_avg_diff_bpm4eX_slope vs run
χ² / ndf 7.461 / 74
p0 −5.721 ± 0.349
pull
Entries 75
Mean −425.7
Std Dev 463.2

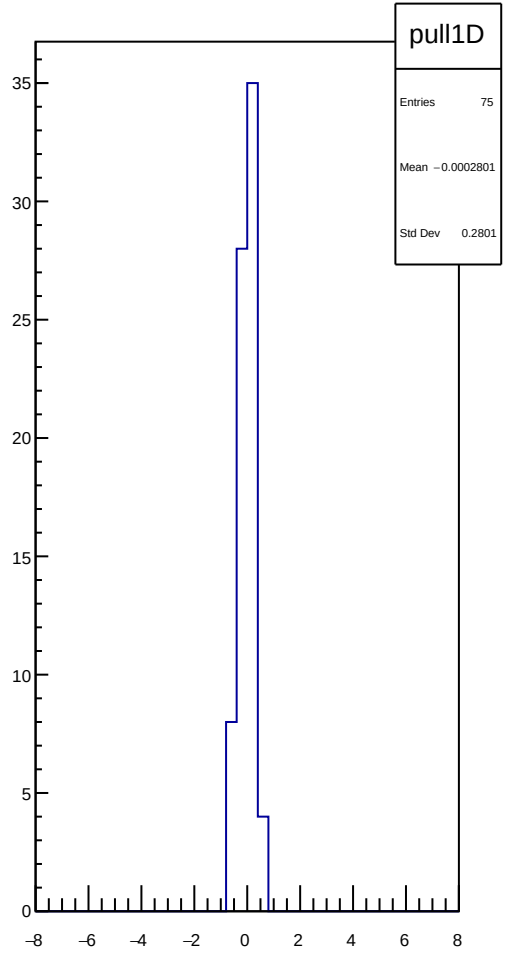

pull1D
Entries 75
Mean 0.008695
Std Dev 0.3153

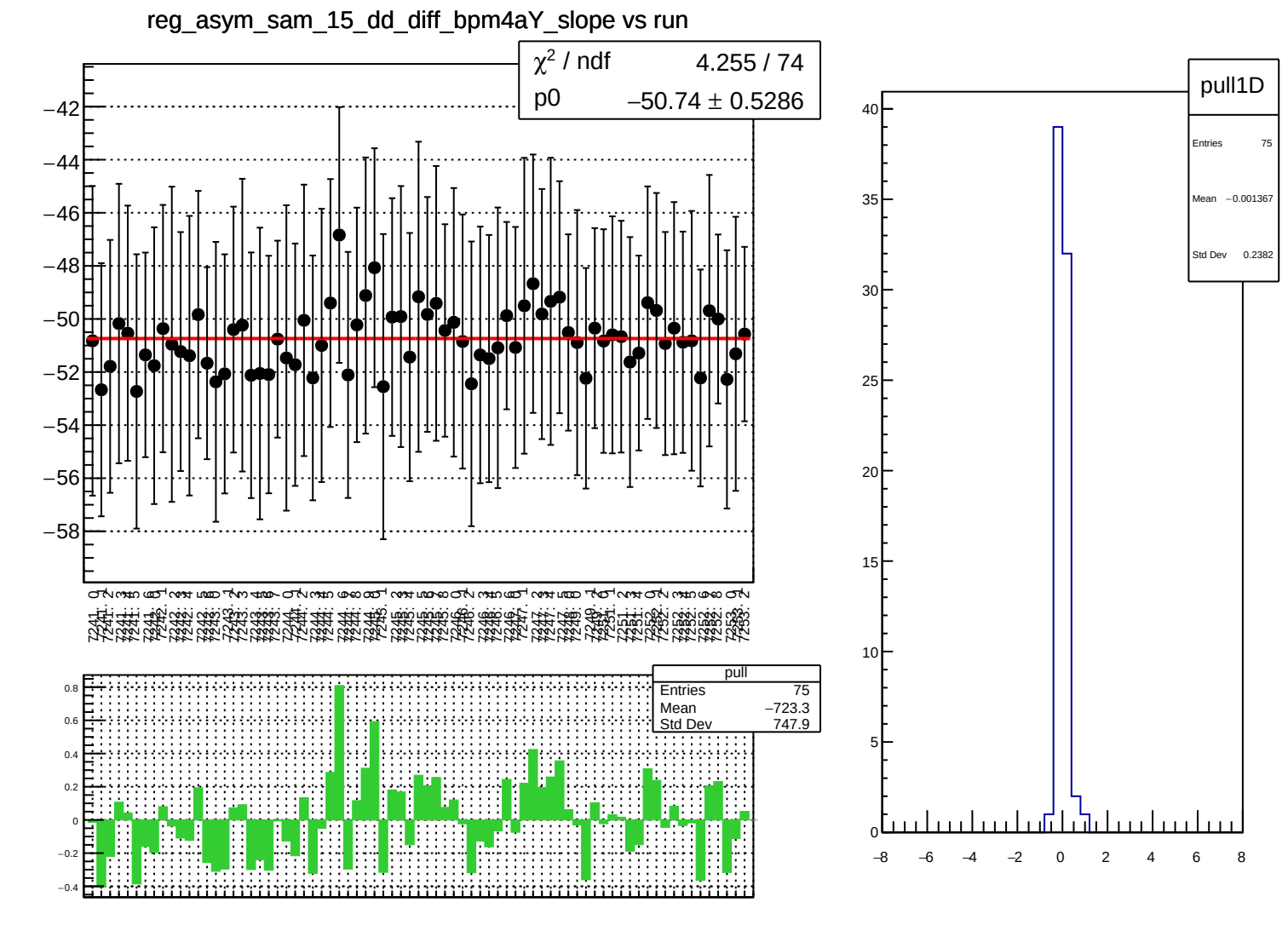

reg_asym_sam_15_avg_diff_bpm4eY_slope vs run
χ² / ndf 10.91 / 74
p0 50.22 ± 0.2774
54
52
50
48
46
pull
Entries 75
Mean −140.2
Std Dev 198.7
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
pull1D
Entries 75
Mean 0.009944
Std Dev 0.3813
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

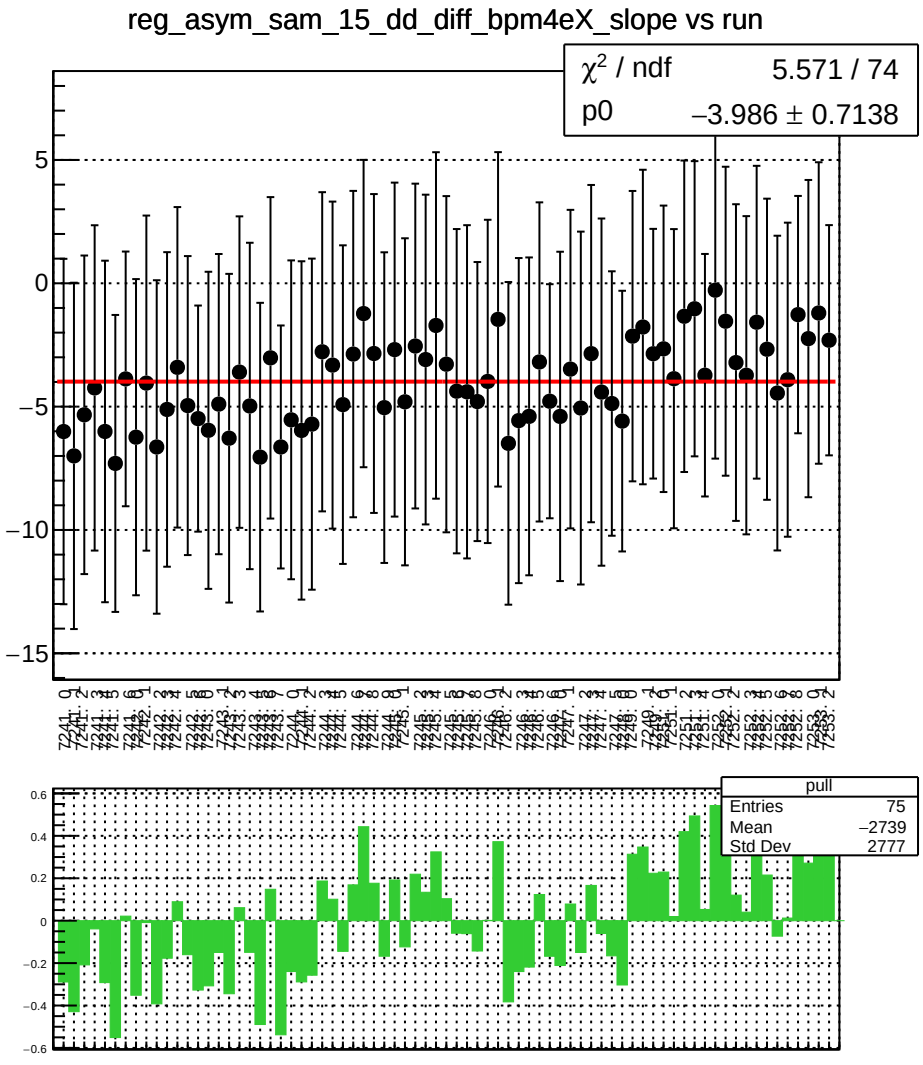

reg_asym_sam_15_avg_diff_bpm12X_slope vs run
χ² / ndf 19.33 / 74
p0 0.1175 ± 0.01258
pull
Entries 75
Mean −198.1
Std Dev 234.5

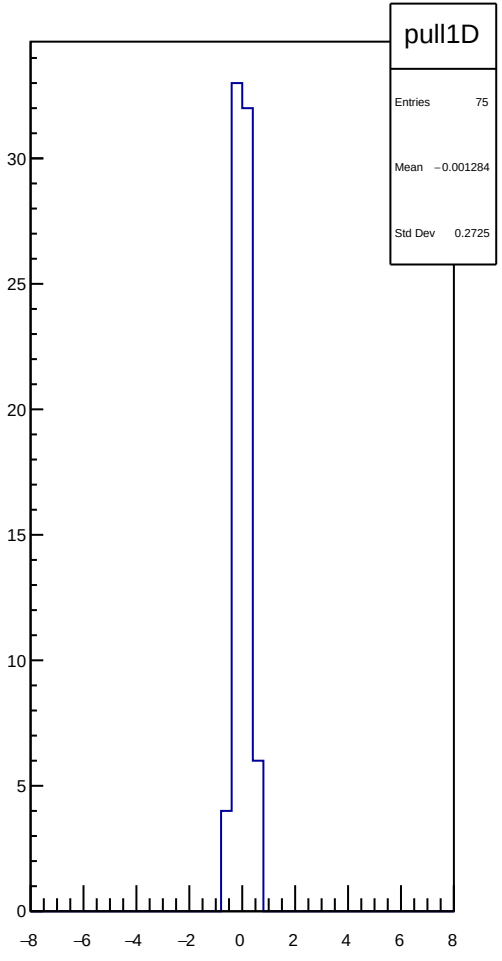

pull1D
Entries 75
Mean −0.03211
Std Dev 0.5066

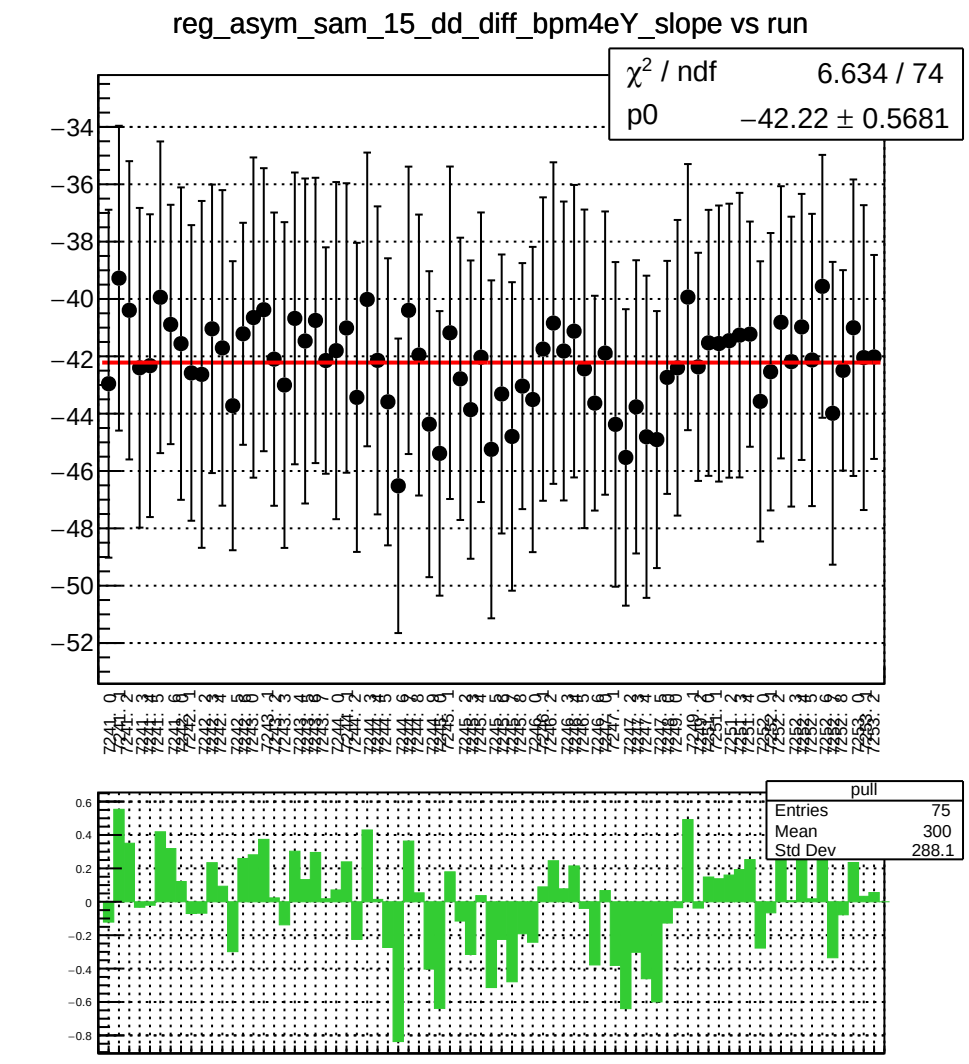

reg_asym_sam_15_dd_diff_bpm1X_slope vs run
χ² / ndf 5.883 / 74
p0 −3.384 ± 0.6854
pull
Entries 75
Mean 1.301e+04
Std Dev 1.298e+04

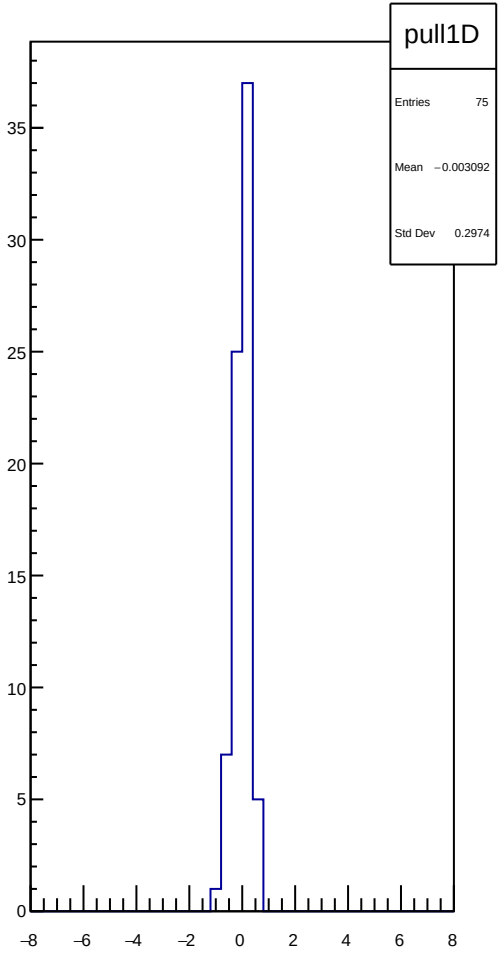

pull1D
Entries 75
Mean −0.0002801
Std Dev 0.2801

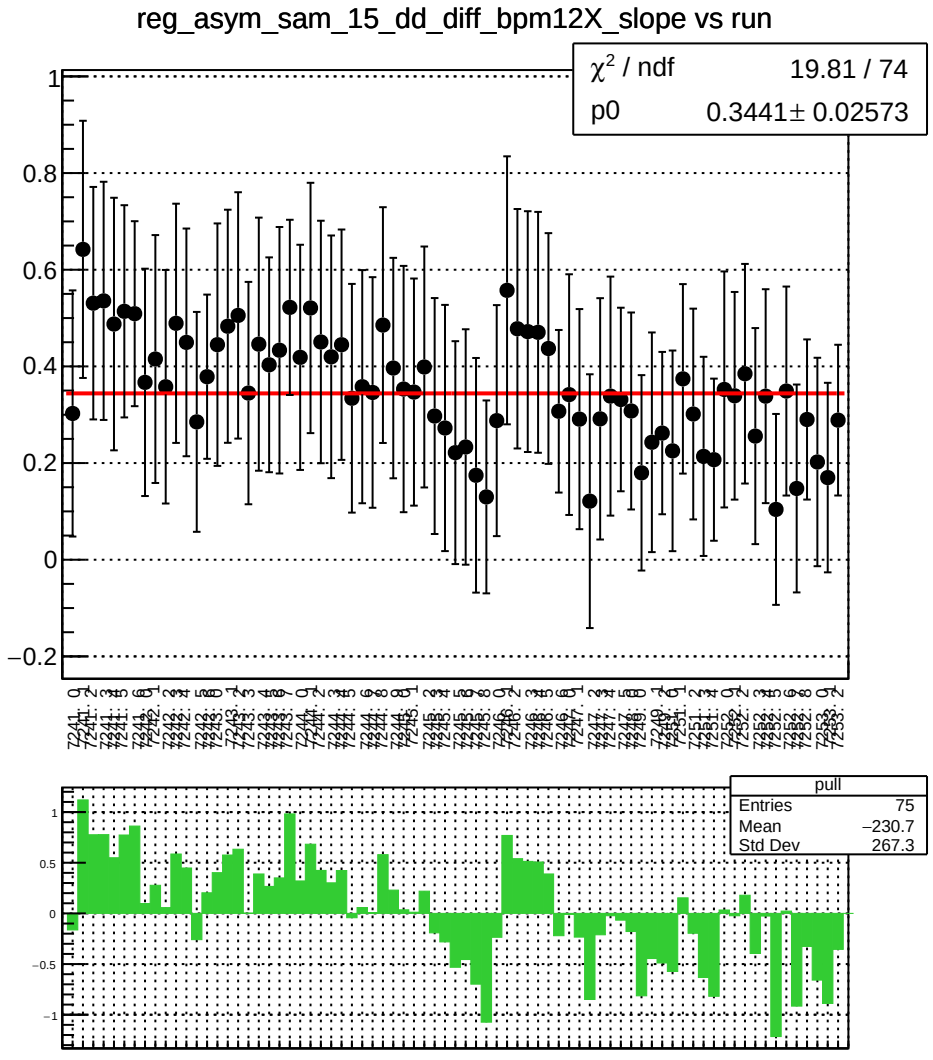

reg_asym_sam_15_dd_diff_bpm4aY_slope vs run
χ² / ndf 4.255 / 74
p0 −50.74 ± 0.5286
pull
Entries 75
Mean −723.3
Std Dev 747.9
pull1D
Entries 75
Mean −0.001367
Std Dev 0.2382

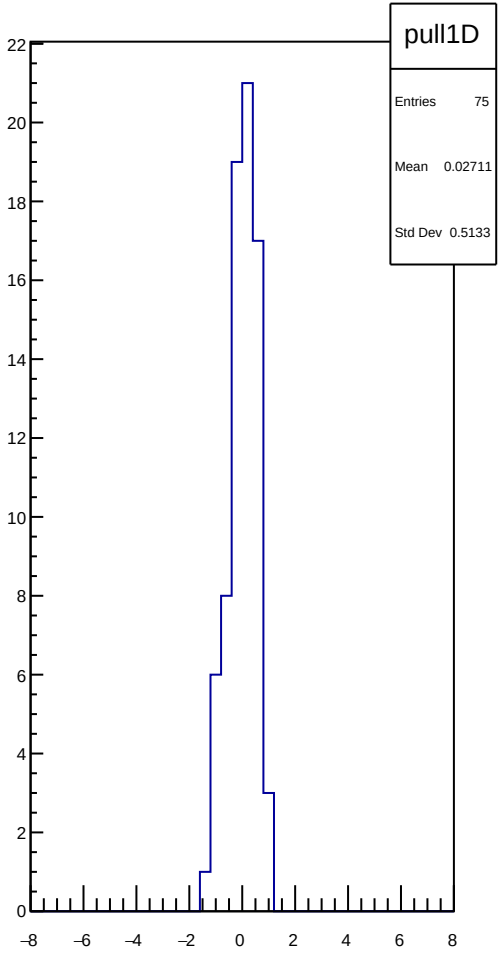

reg_asym_sam_15_dd_diff_bpm4eX_slope vs run
χ² / ndf 5.571 / 74
p0 −3.986 ± 0.7138
pull
Entries 75
Mean −2739
Std Dev 2777

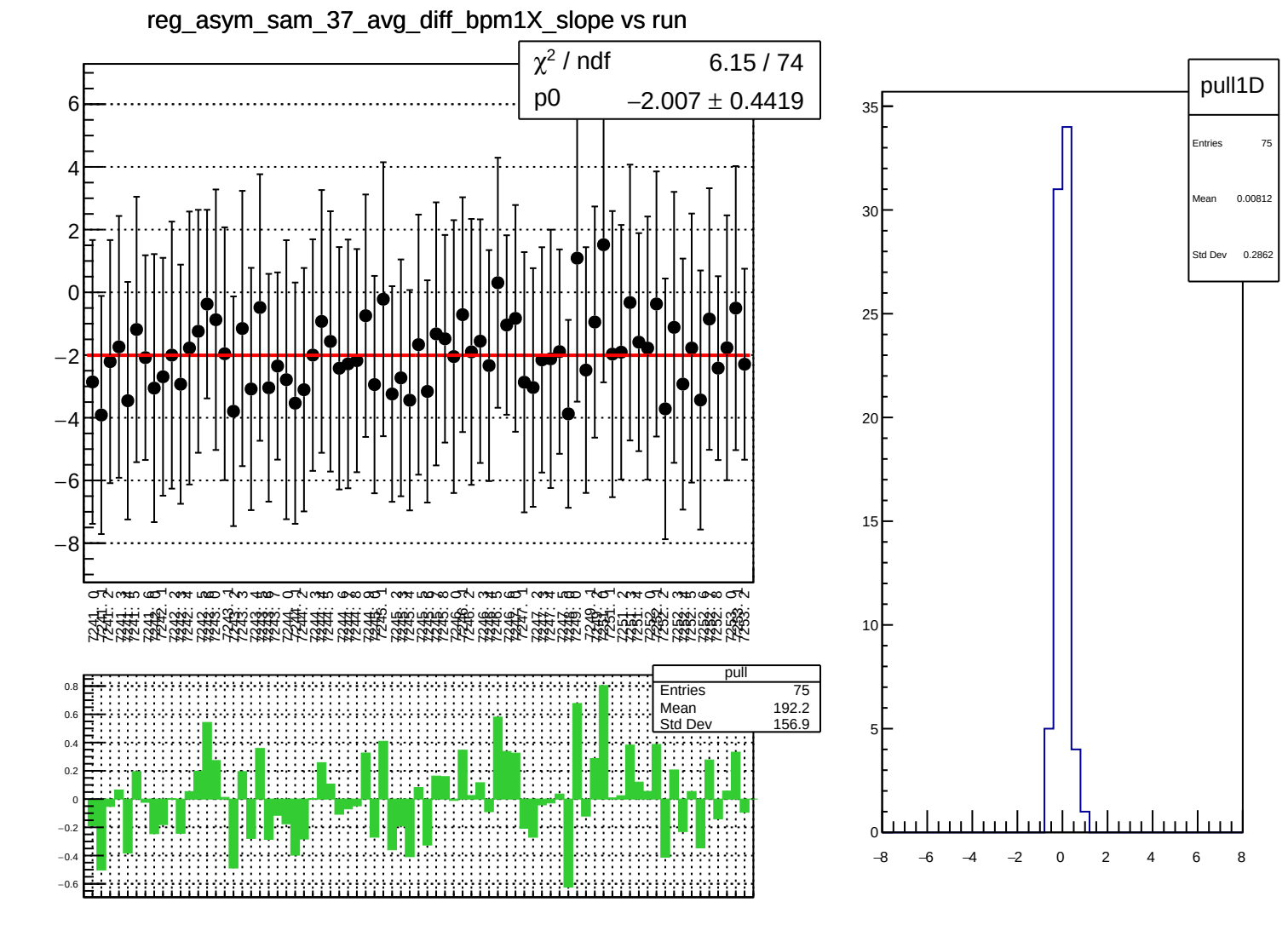

pull1D
Entries 75
Mean −0.001284
Std Dev 0.2725

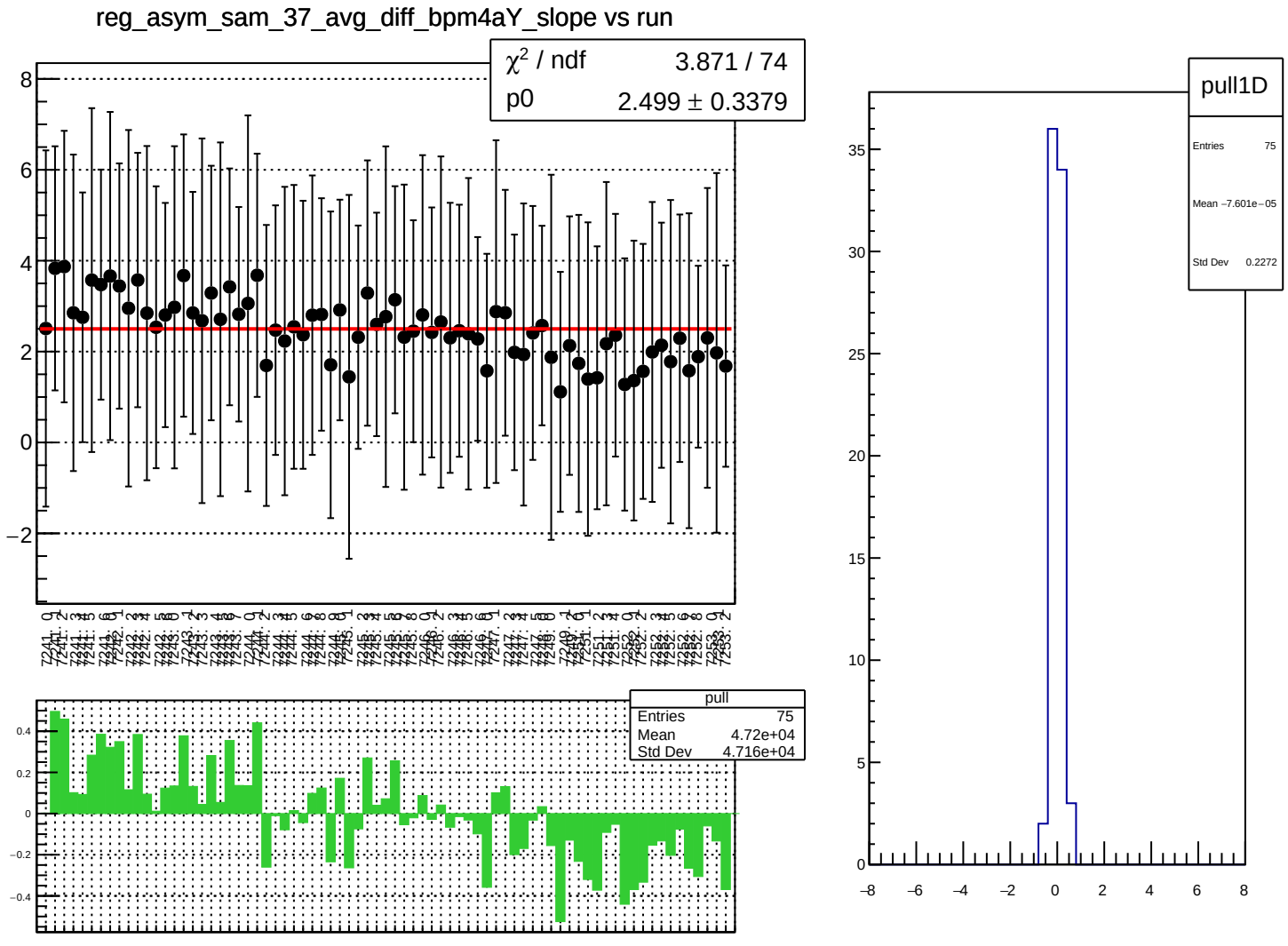

reg_asym_sam_15_dd_diff_bpm4eY_slope vs run
χ² / ndf 6.634 / 74
p0 −42.22 ± 0.5681
pull
Entries 75
Mean 300
Std Dev 288.1

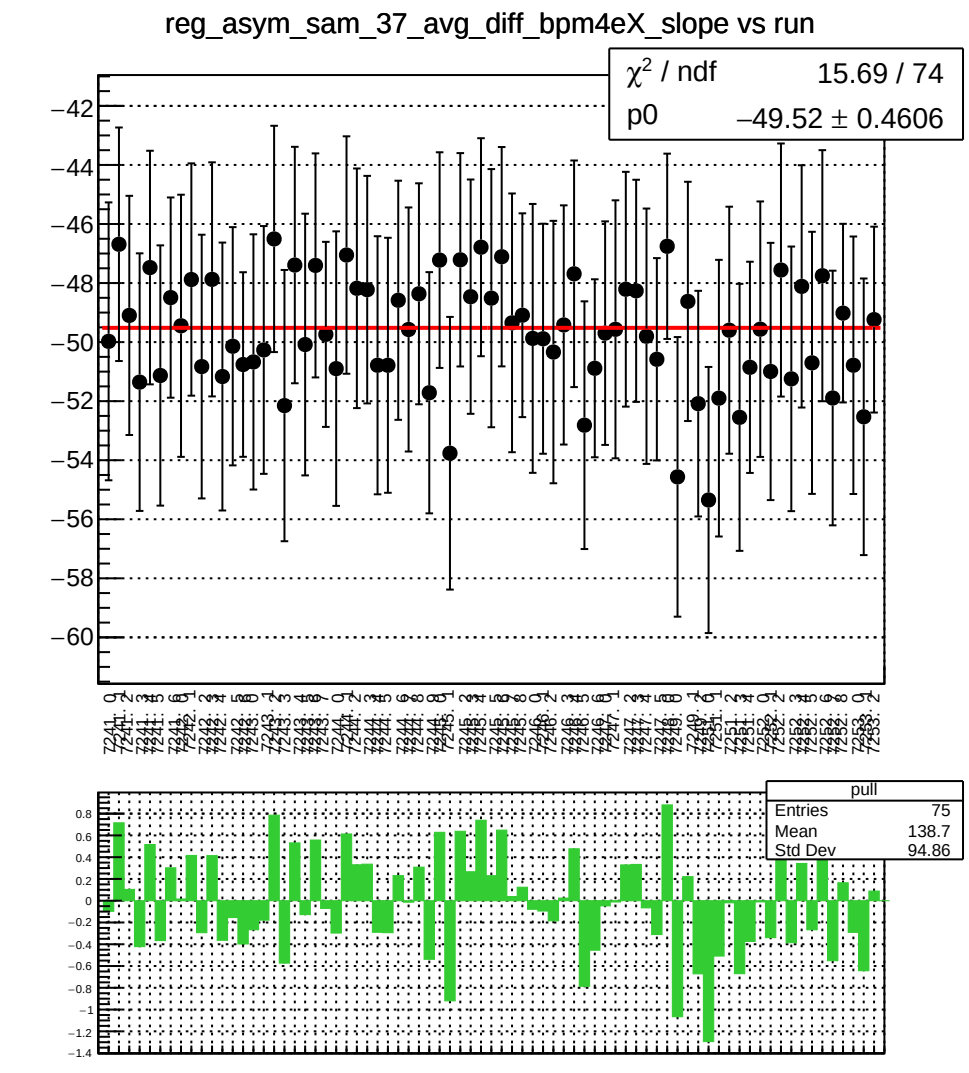

pull1D
Entries 75
Mean −0.003092
Std Dev 0.2974

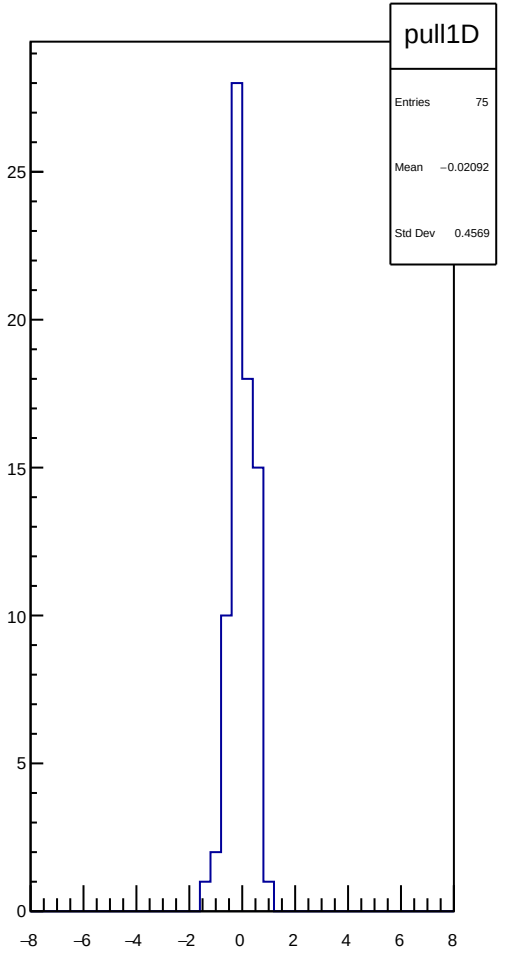

reg_asym_sam_15_dd_diff_bpm12X_slope vs run
χ² / ndf 19.81 / 74
p0 0.3441± 0.02573
pull
Entries 75
Mean −230.7
Std Dev 267.3

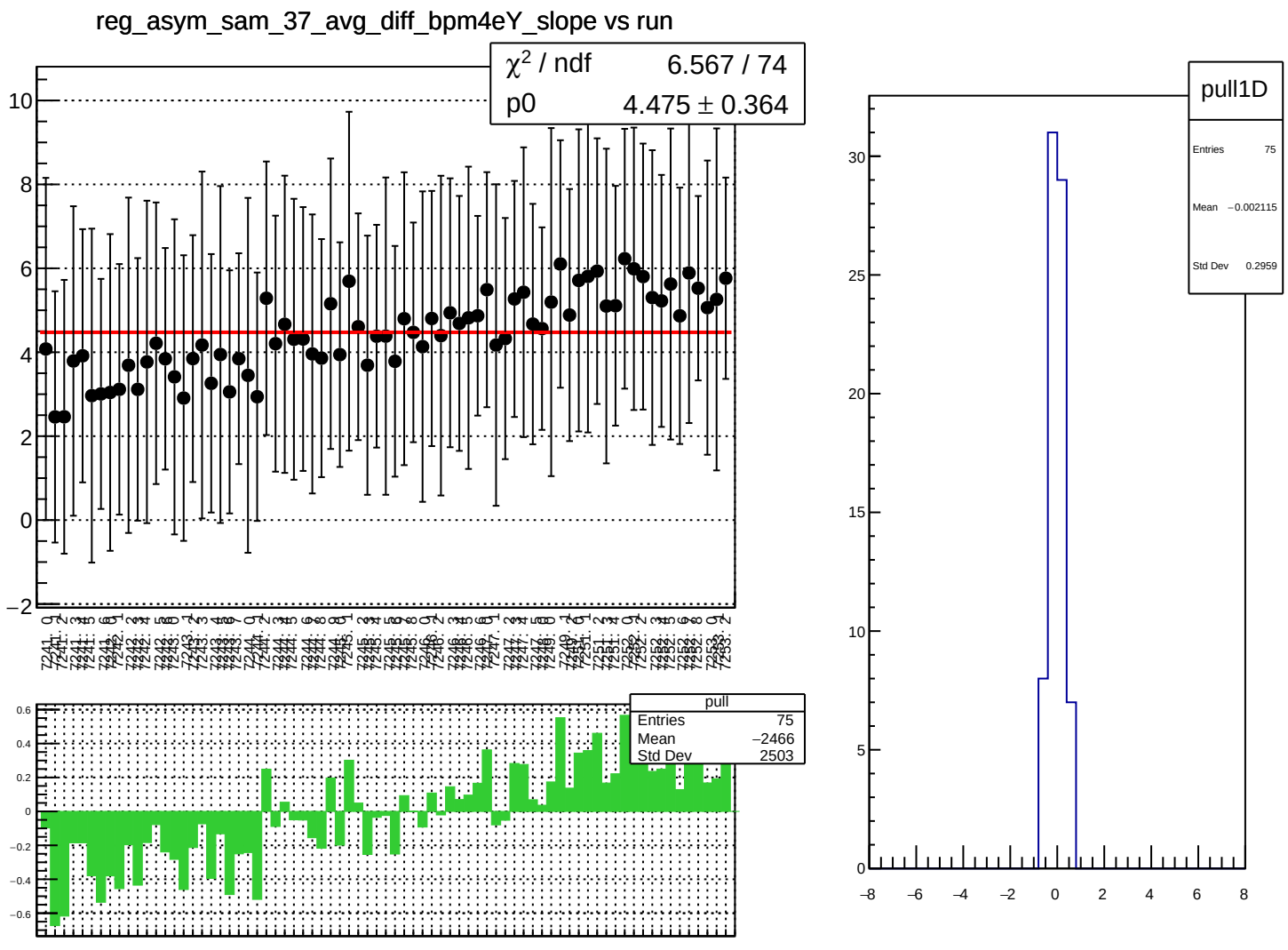

pull1D
Entries 75
Mean 0.02711
Std Dev 0.5133

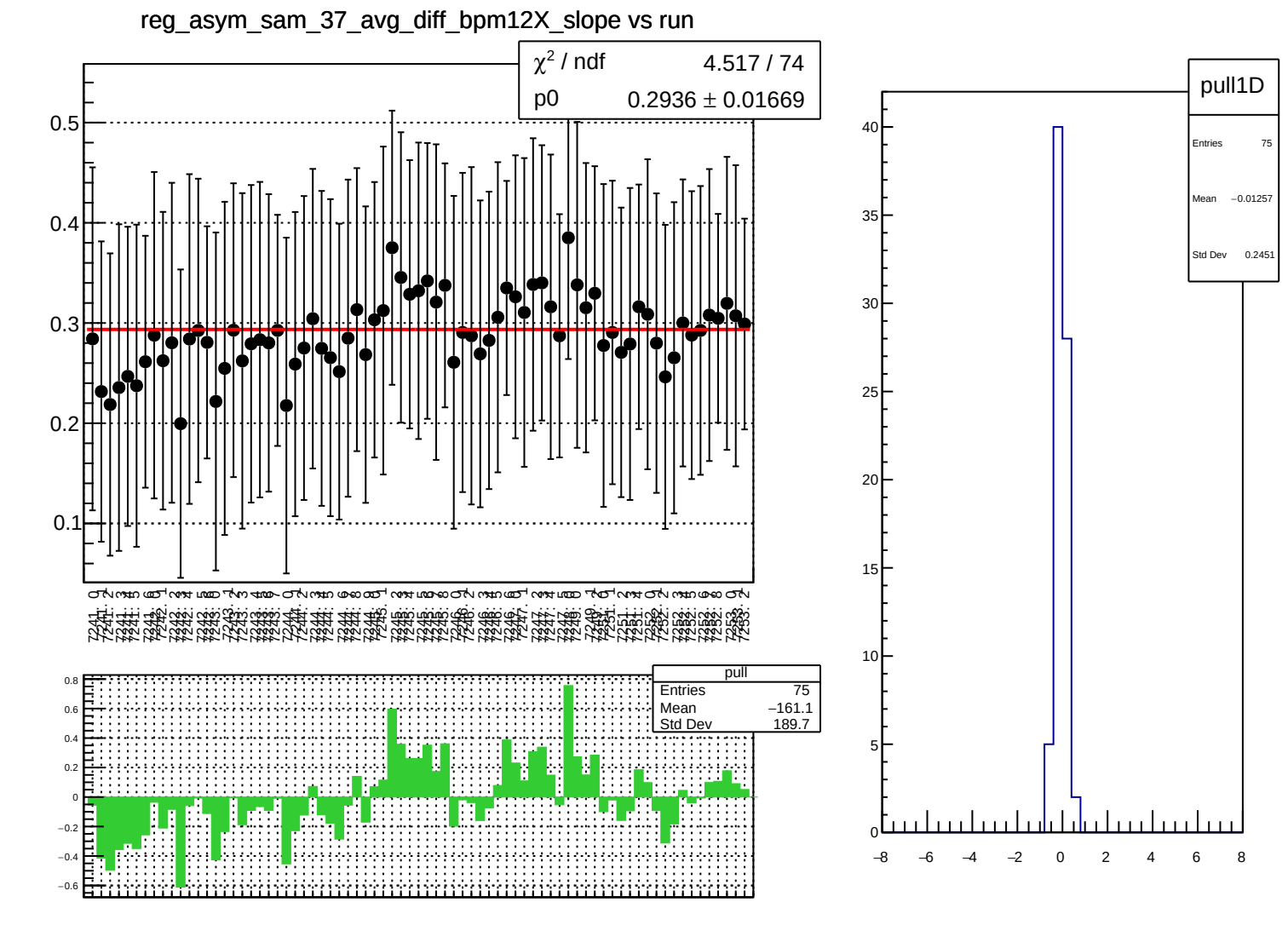

reg_asym_sam_37_avg_diff_bpm1X_slope vs run
χ² / ndf 6.15 / 74
p0 −2.007 ± 0.4419
pull
Entries 75
Mean 192.2
Std Dev 156.9
pull1D
Entries 75
Mean 0.00812
Std Dev 0.2862

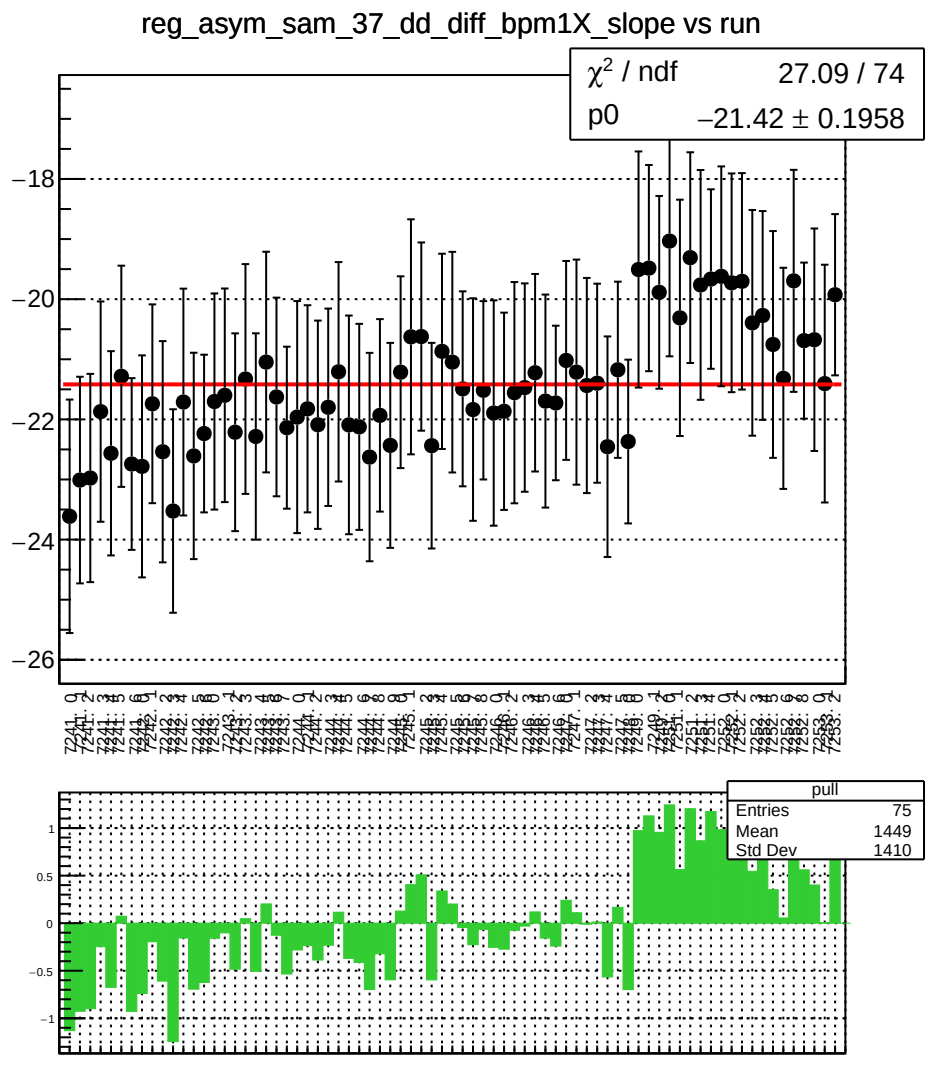

reg_asym_sam_37_avg_diff_bpm4aY_slope vs run
χ² / ndf 3.871 / 74
p0 2.499 ± 0.3379
pull
Entries 75
Mean 4.72e+04
Std Dev 4.716e+04
pull1D
Entries 75
Mean −7.601e−05
Std Dev 0.2272

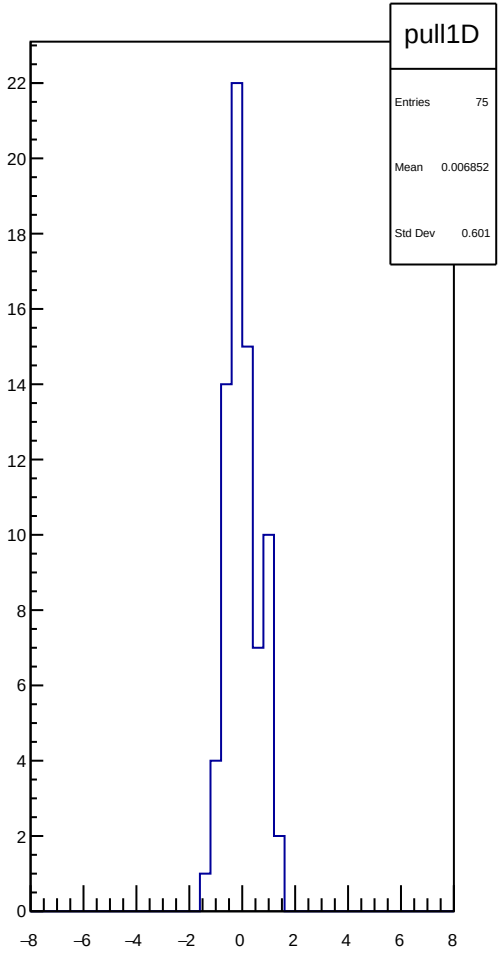

reg_asym_sam_37_avg_diff_bpm4eX_slope vs run
χ² / ndf 15.69 / 74
p0 −49.52 ± 0.4606
pull
Entries 75
Mean 138.7
Std Dev 94.86

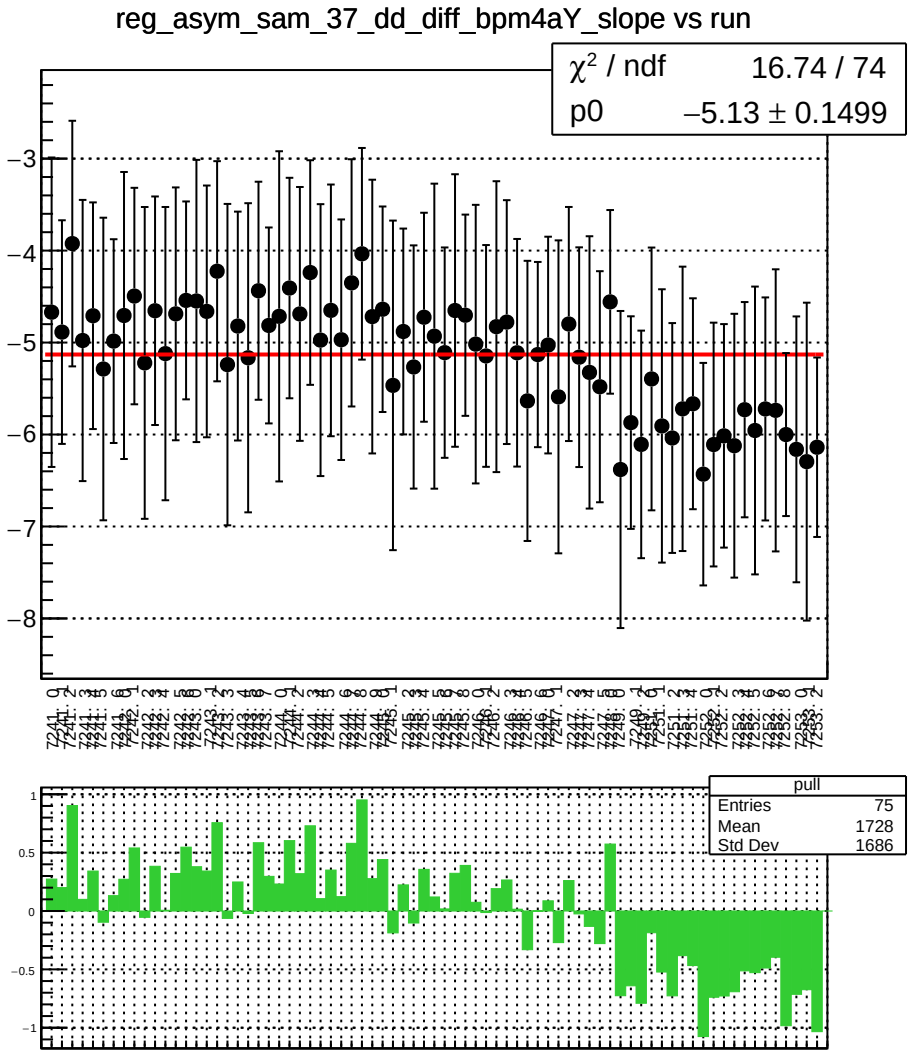

pull1D
Entries 75
Mean −0.02092
Std Dev 0.4569

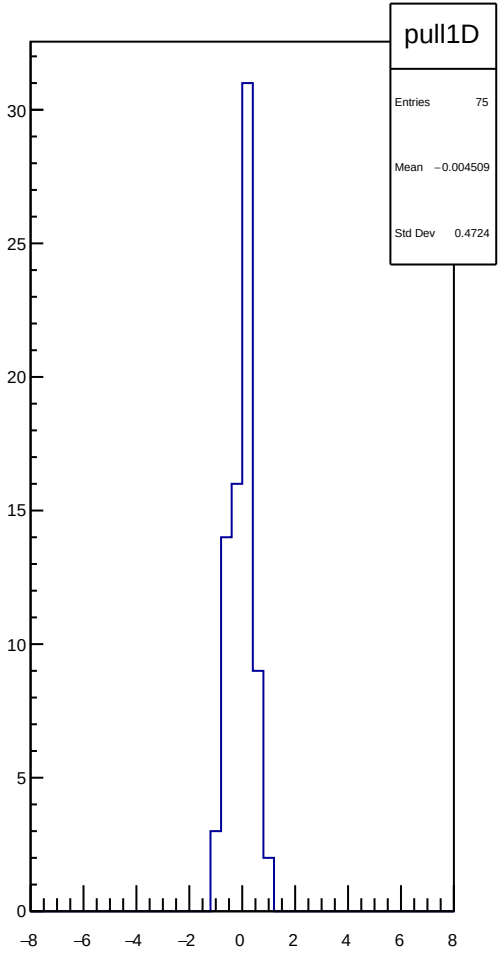

reg_asym_sam_37_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.567 / 74
p0 4.475 ± 0.364
pull
Entries 75
Mean −2466
Std Dev 2503
pull1D
Entries 75
Mean −0.002115
Std Dev 0.2959

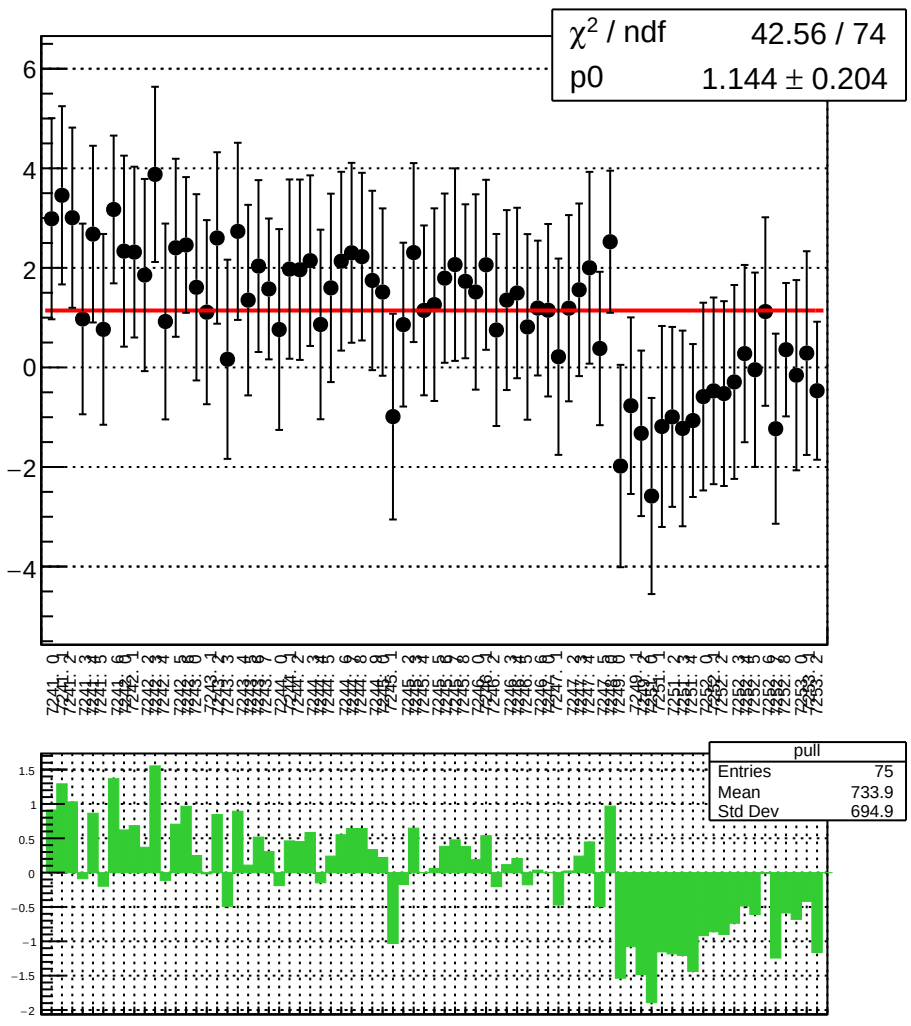

reg_asym_sam_37_avg_diff_bpm12X_slope vs run
χ² / ndf 4.517 / 74
p0 0.2936 ± 0.01669
pull
Entries 75
Mean −161.1
Std Dev 189.7
pull1D
Entries 75
Mean −0.01257
Std Dev 0.2451

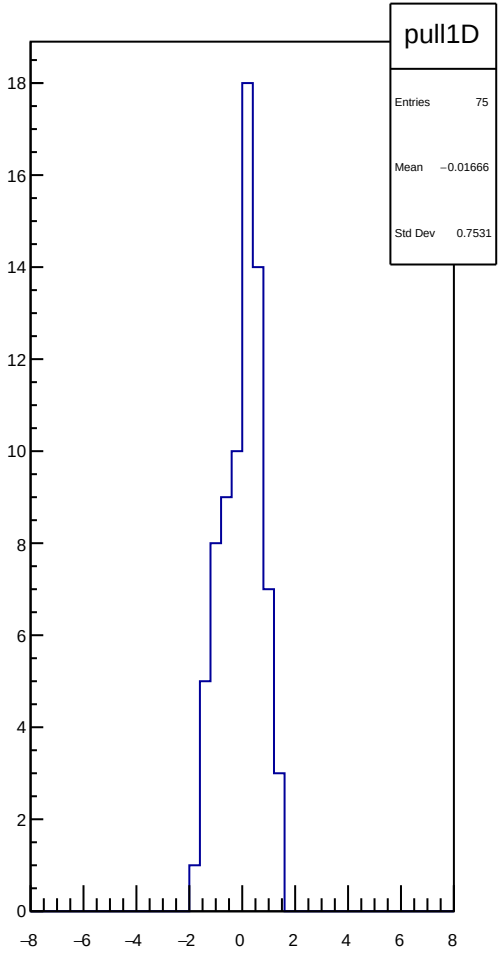

reg_asym_sam_37_dd_diff_bpm1X_slope vs run
χ² / ndf 27.09 / 74
p0 −21.42 ± 0.1958
pull
Entries 75
Mean 1449
Std Dev 1410

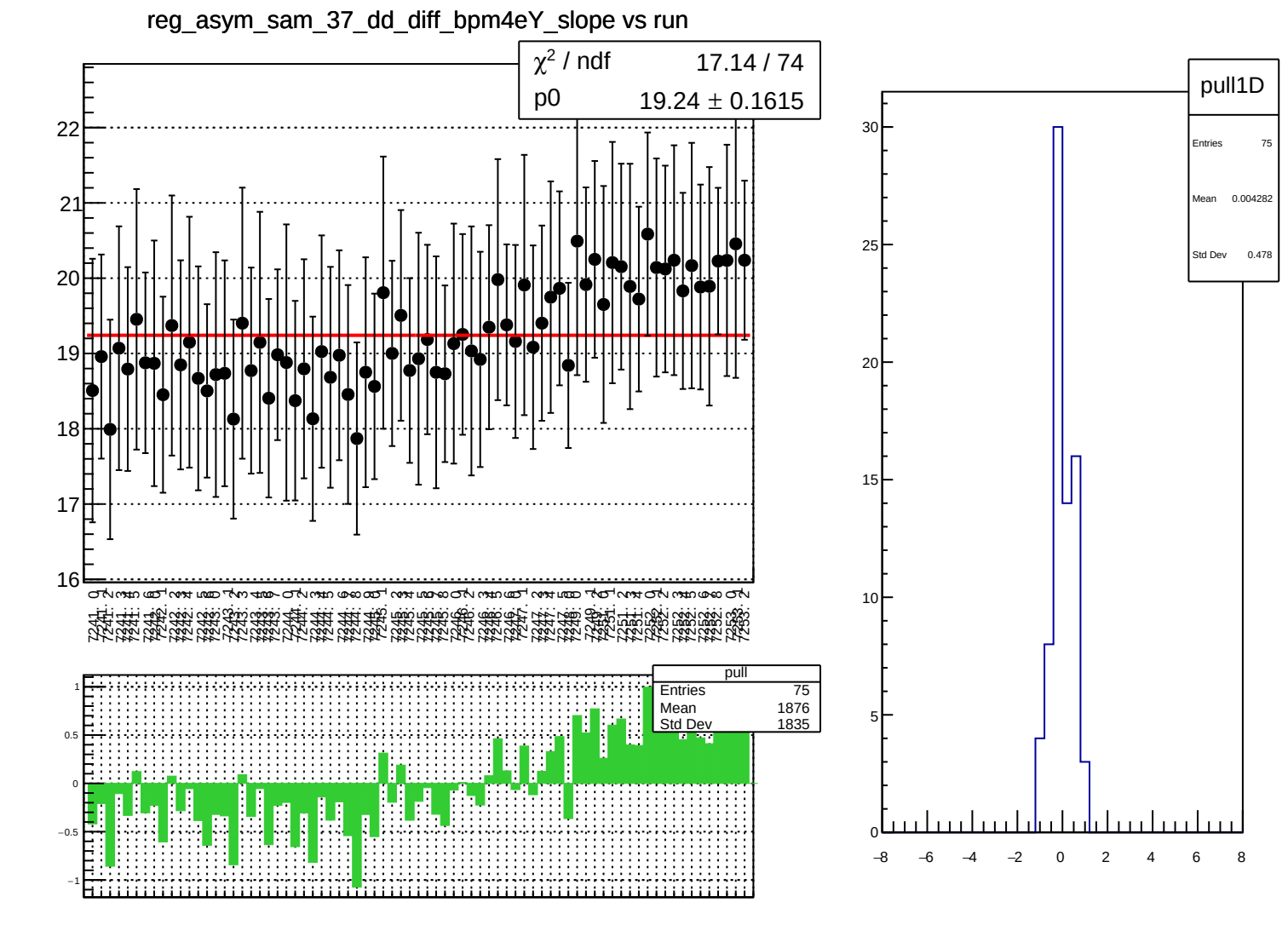

pull1D
Entries 75
Mean 0.006852
Std Dev 0.601

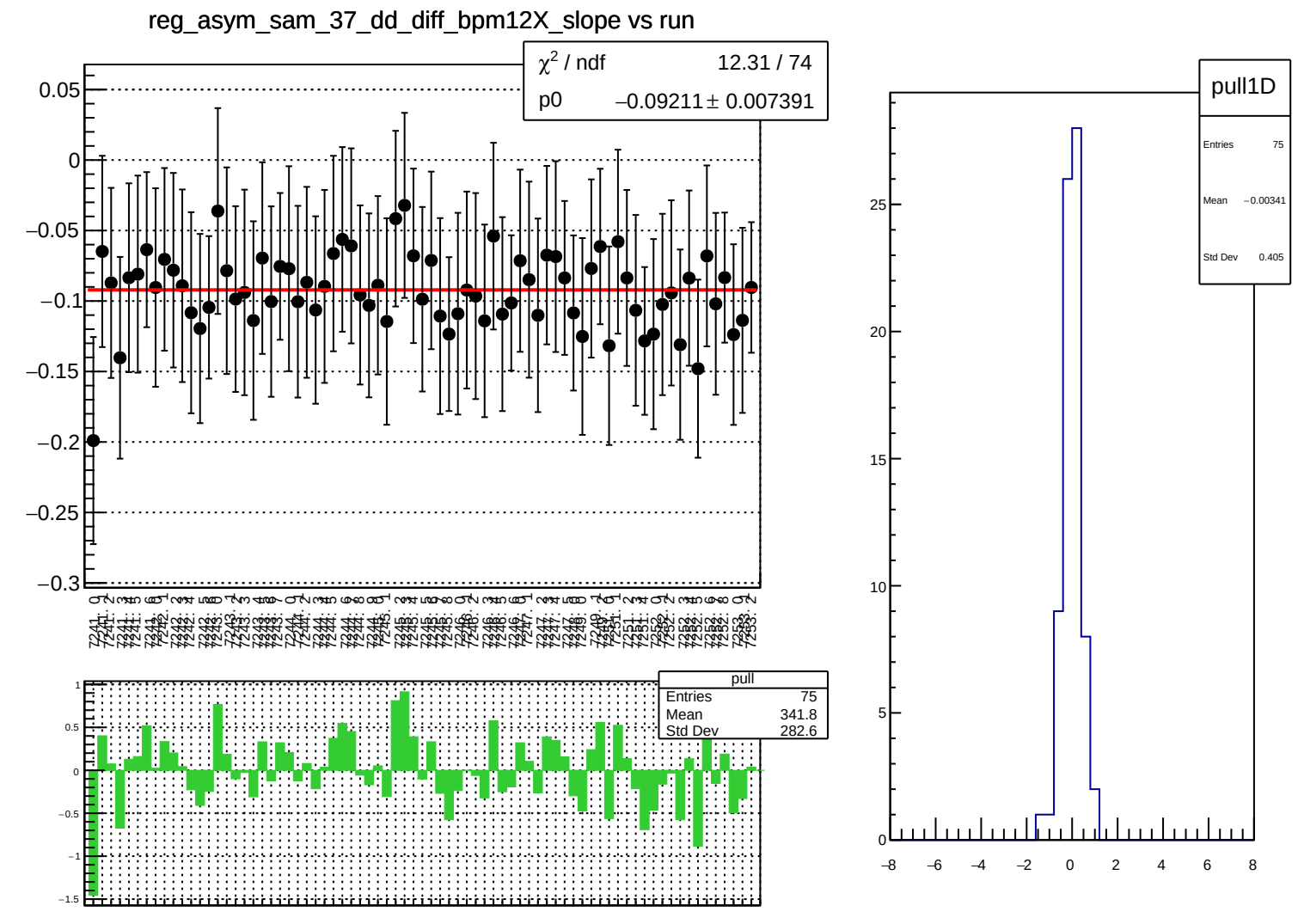

reg_asym_sam_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 16.74 / 74
p0 −5.13 ± 0.1499
pull
Entries 75
Mean 1728
Std Dev 1686

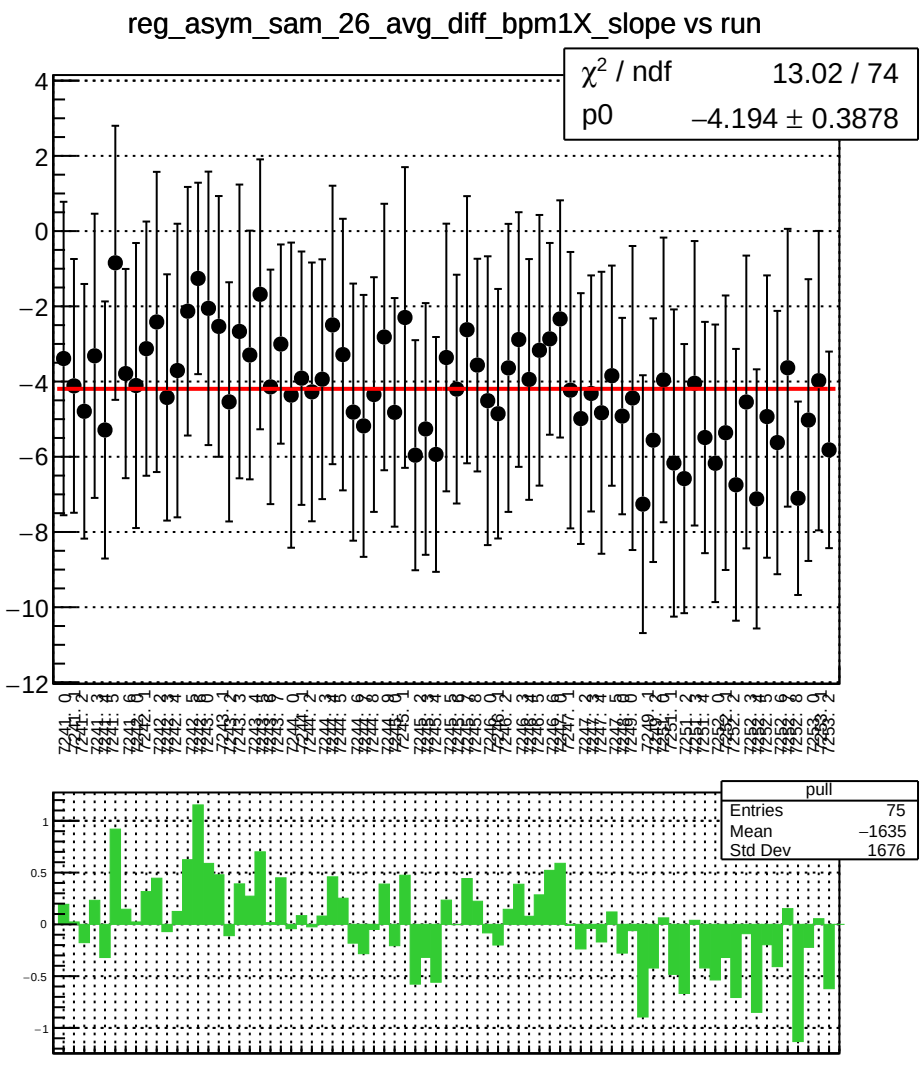

pull1D
Entries 75
Mean −0.004509
Std Dev 0.4724

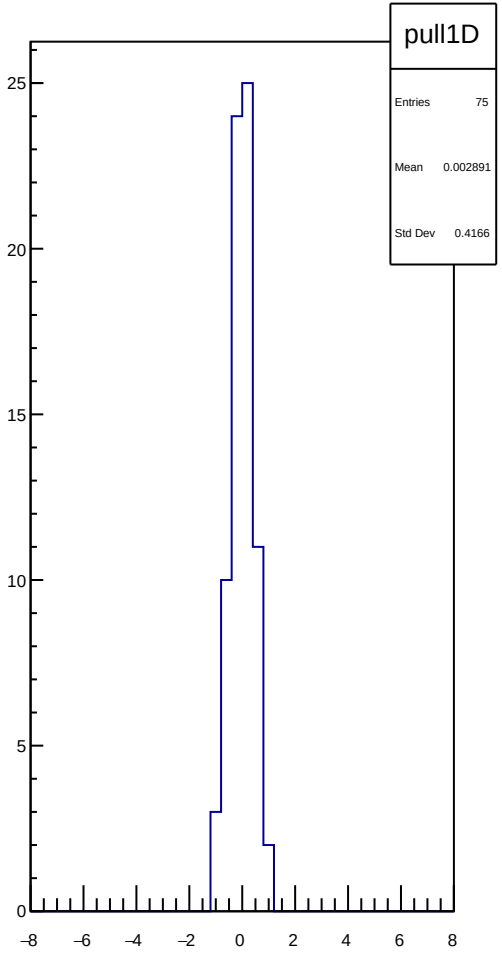

reg_asym_sam_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 42.56 / 74
p0 1.144 ± 0.204
pull
Entries 75
Mean 733.9
Std Dev 694.9

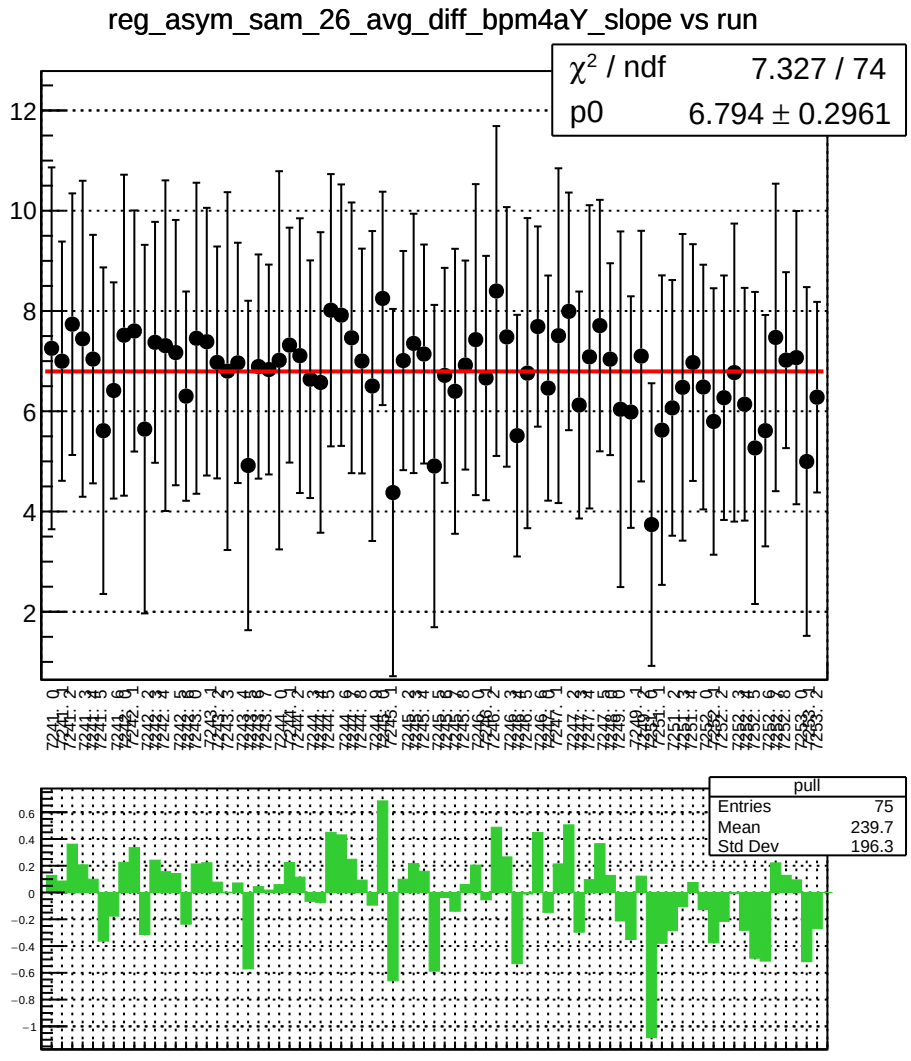

pull1D
Entries 75
Mean −0.01666
Std Dev 0.7531

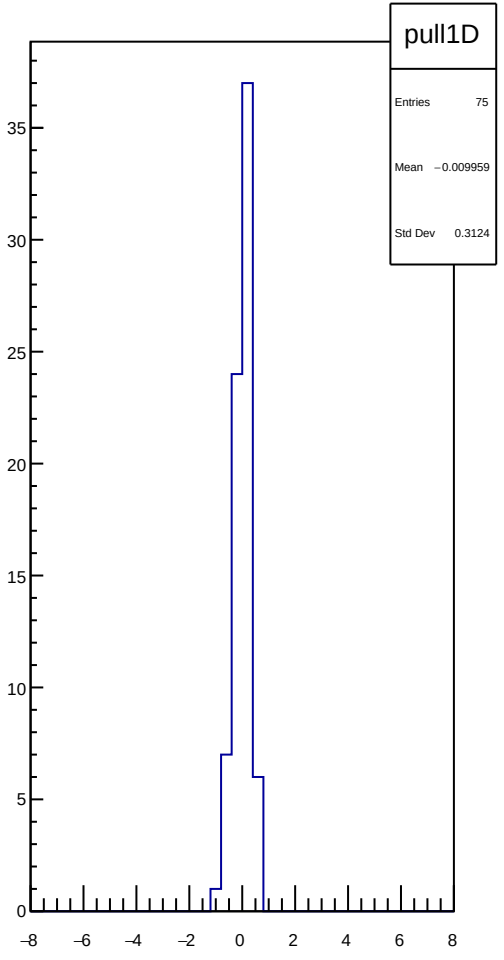

reg_asym_sam_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 17.14 / 74
p0 19.24 ± 0.1615
pull
Entries 75
Mean 1876
Std Dev 1835
pull1D
Entries 75
Mean 0.004282
Std Dev 0.478

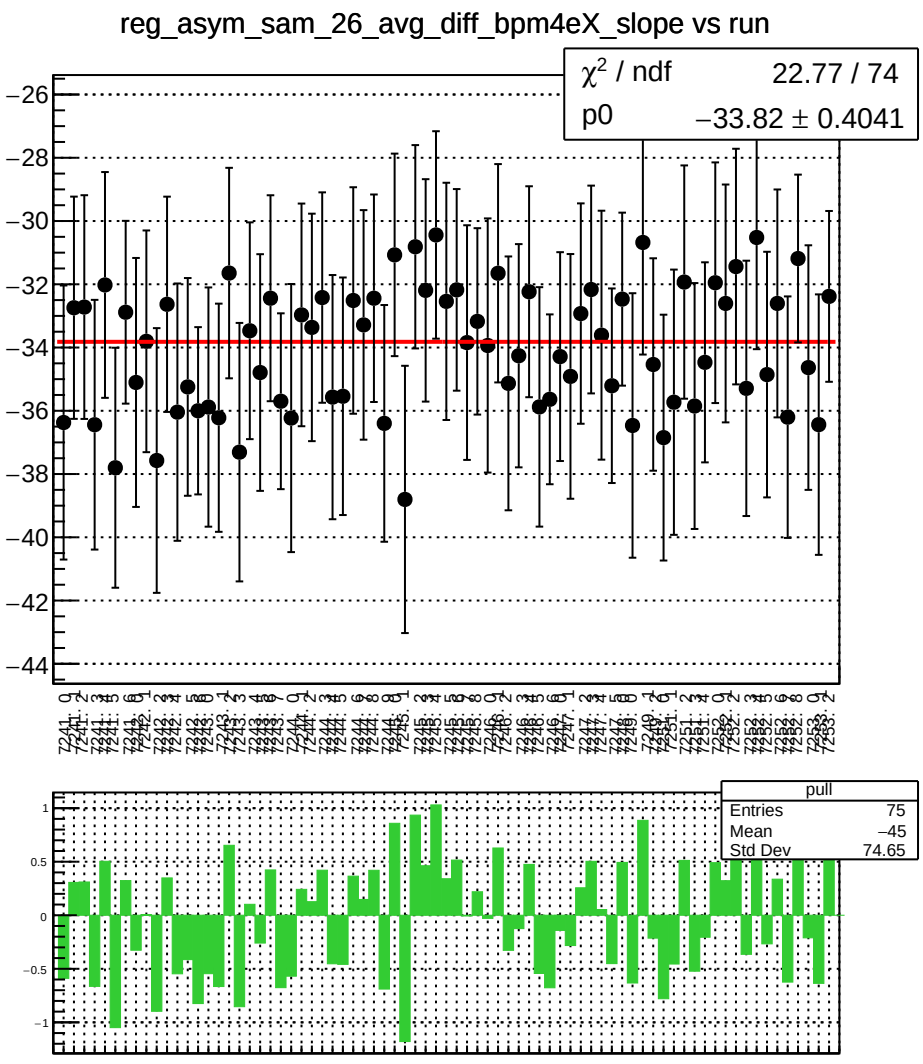

reg_asym_sam_37_dd_diff_bpm12X_slope vs run
χ² / ndf 12.31 / 74
p0 −0.09211 ± 0.007391
0.05
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3
pull
Entries 75
Mean 341.8
Std Dev 282.6
1
0.5
0
−0.5
−1
−1.5
pull1D
Entries 75
Mean −0.00341
Std Dev 0.405
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

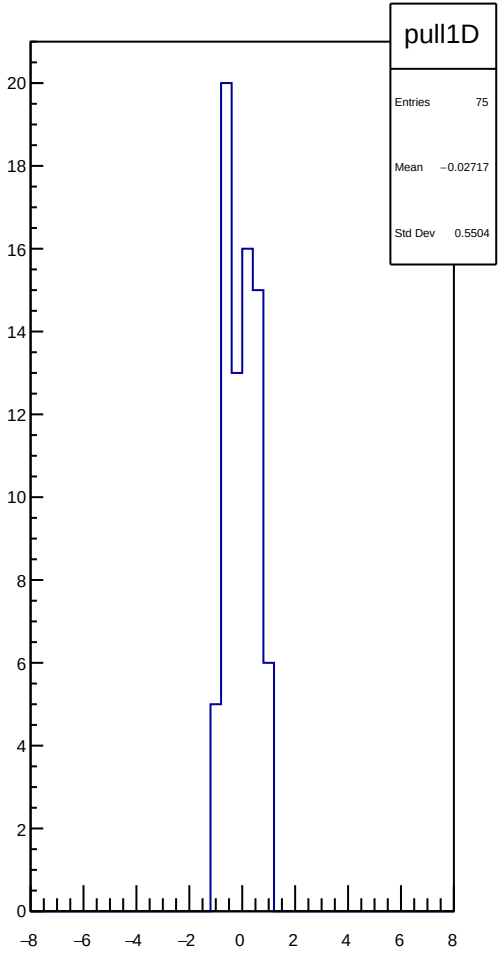

reg_asym_sam_26_avg_diff_bpm1X_slope vs run
χ² / ndf 13.02 / 74
p0 −4.194 ± 0.3878
pull
Entries 75
Mean −1635
Std Dev 1676

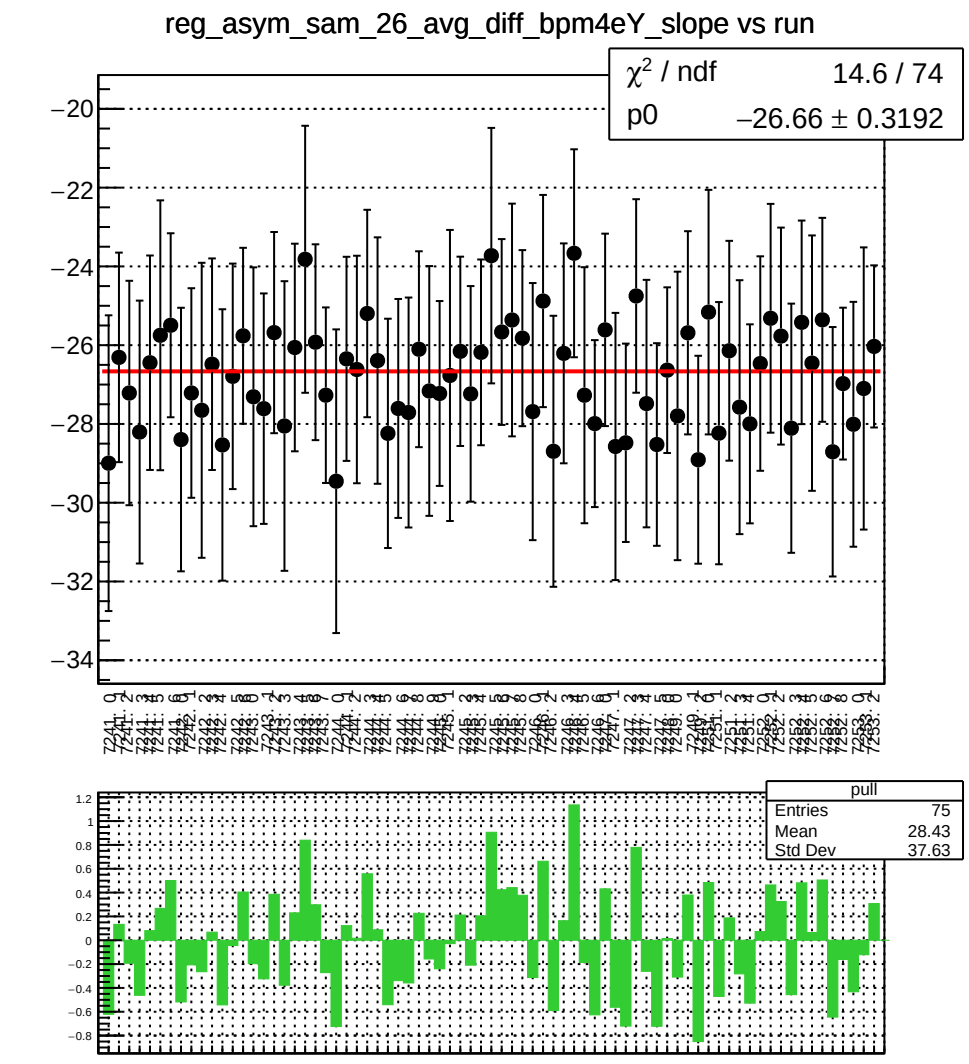

pull1D
Entries 75
Mean 0.002891
Std Dev 0.4166

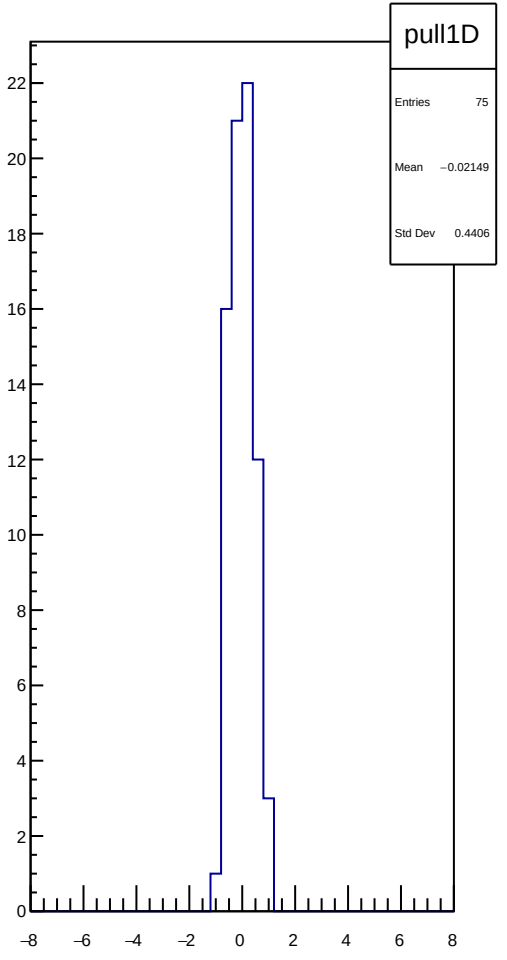

reg_asym_sam_26_avg_diff_bpm4aY_slope vs run
χ² / ndf 7.327 / 74
p0 6.794 ± 0.2961
pull
Entries 75
Mean 239.7
Std Dev 196.3

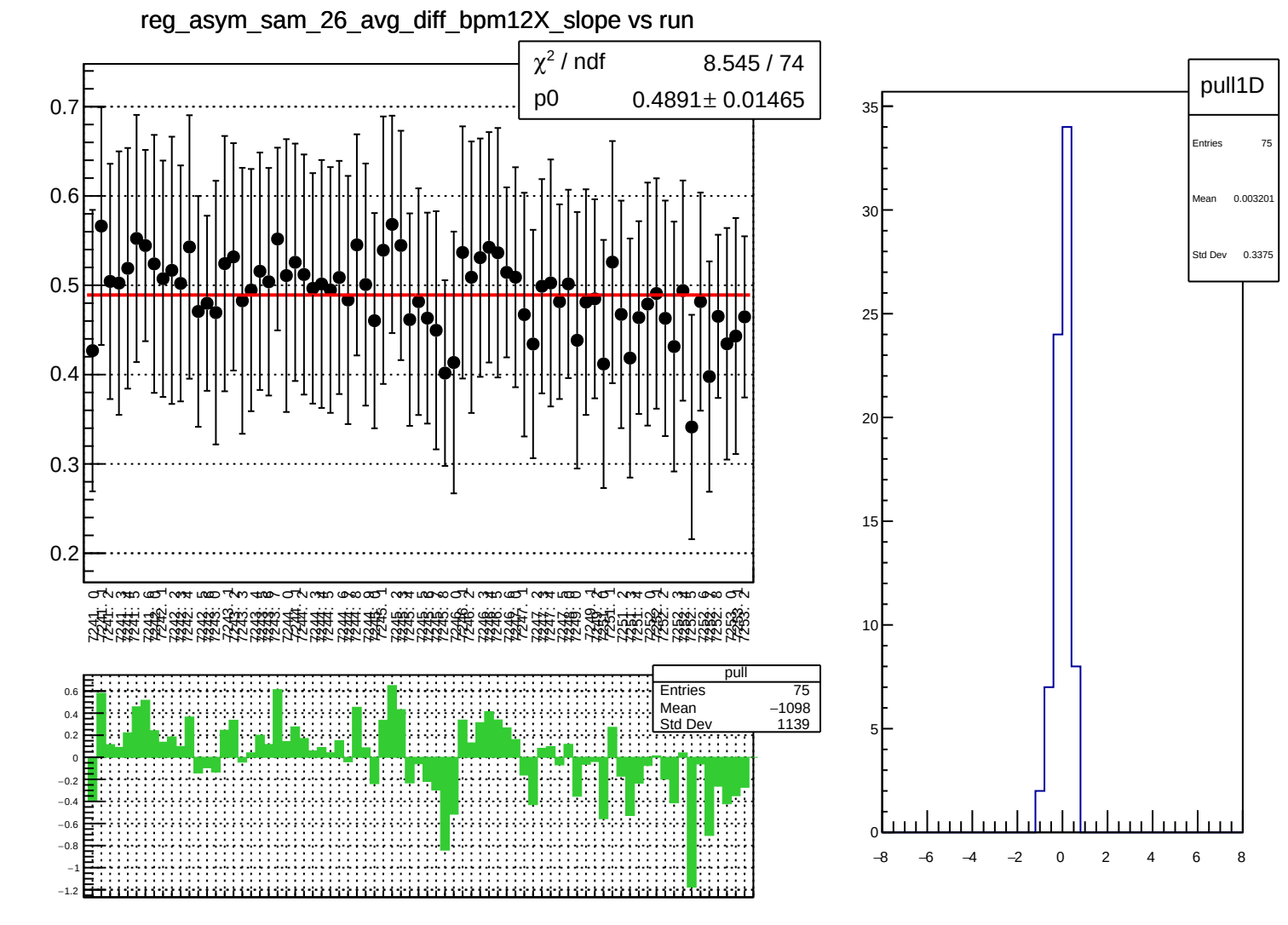

pull1D
Entries 75
Mean −0.009959
Std Dev 0.3124

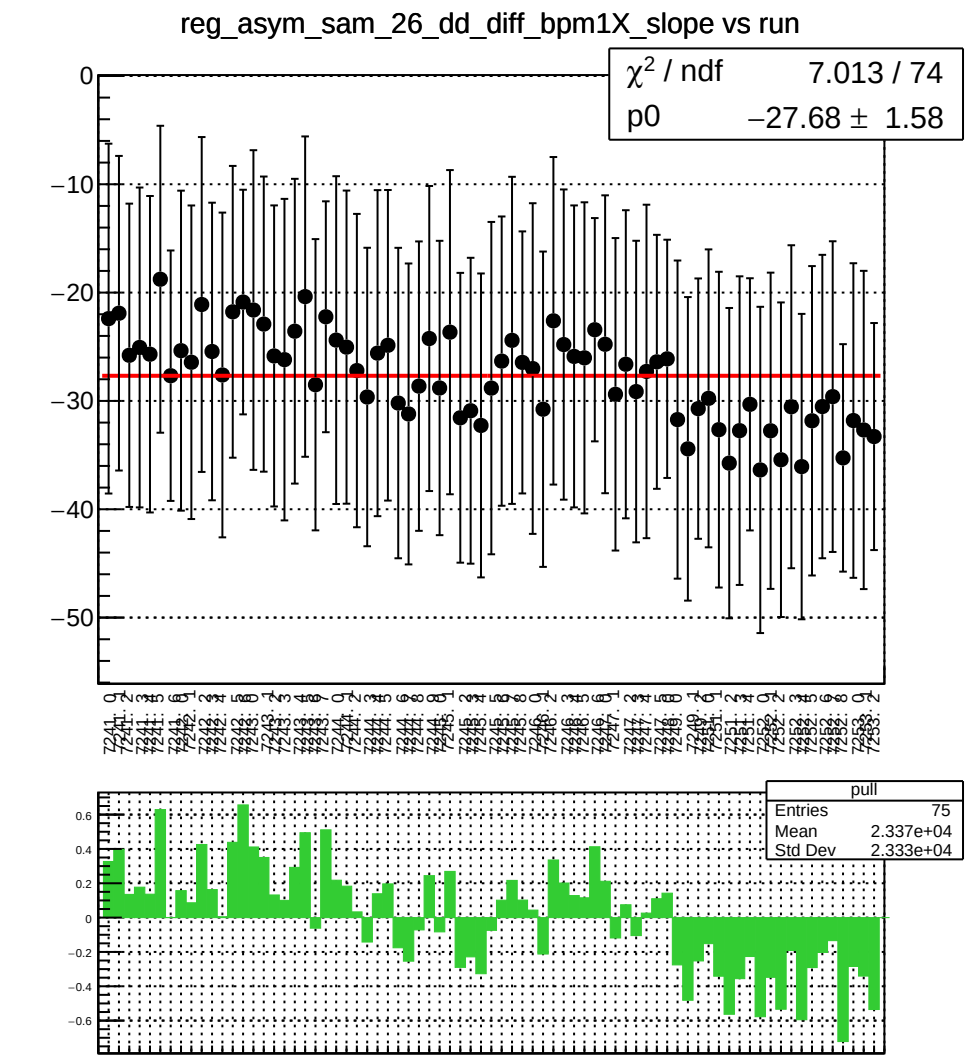

reg_asym_sam_26_avg_diff_bpm4eX_slope vs run
χ² / ndf 22.77 / 74
p0 −33.82 ± 0.4041
pull
Entries 75
Mean −45
Std Dev 74.65

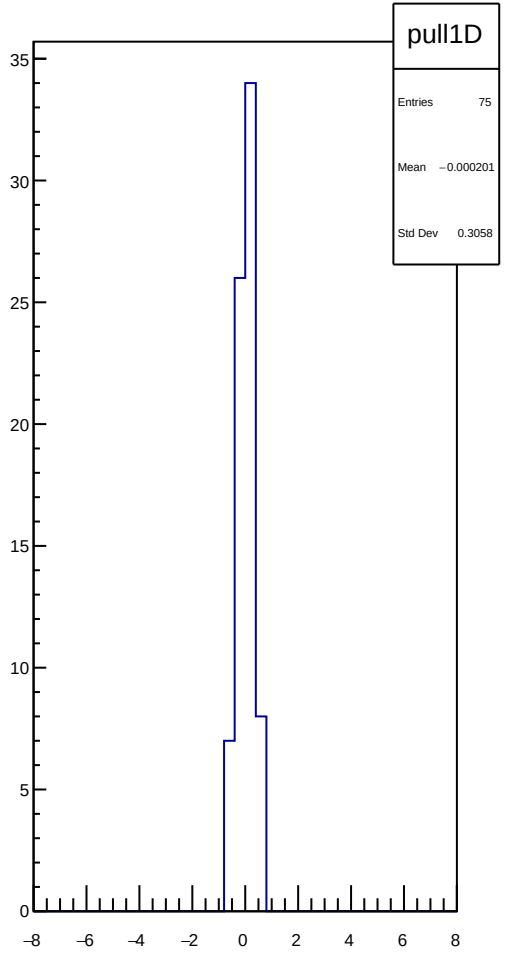

pull1D
Entries 75
Mean −0.02717
Std Dev 0.5504

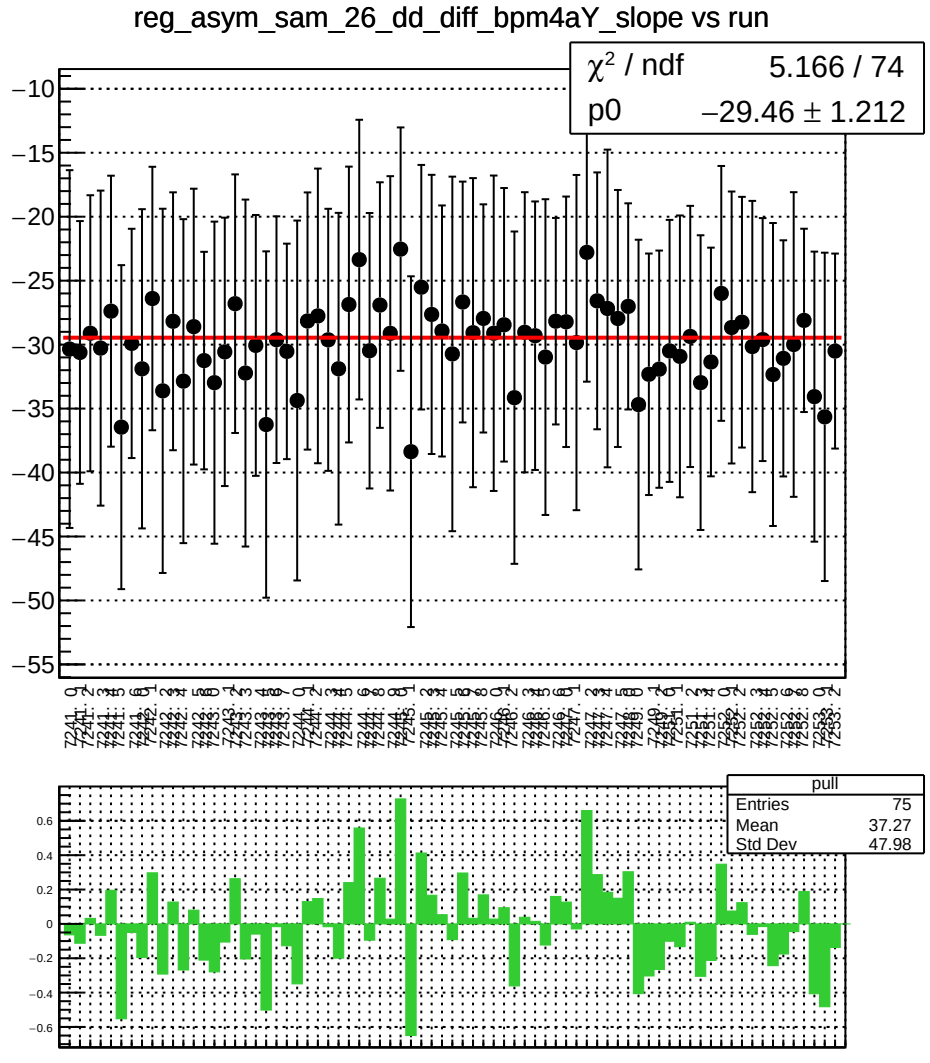

reg_asym_sam_26_avg_diff_bpm4eY_slope vs run
χ² / ndf 14.6 / 74
p0 −26.66 ± 0.3192
pull
Entries 75
Mean 28.43
Std Dev 37.63

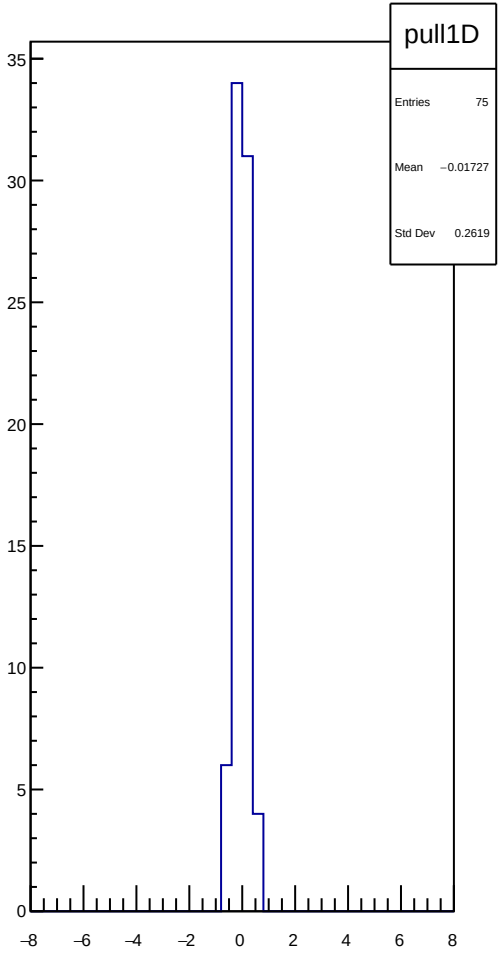

pull1D
Entries 75
Mean −0.02149
Std Dev 0.4406

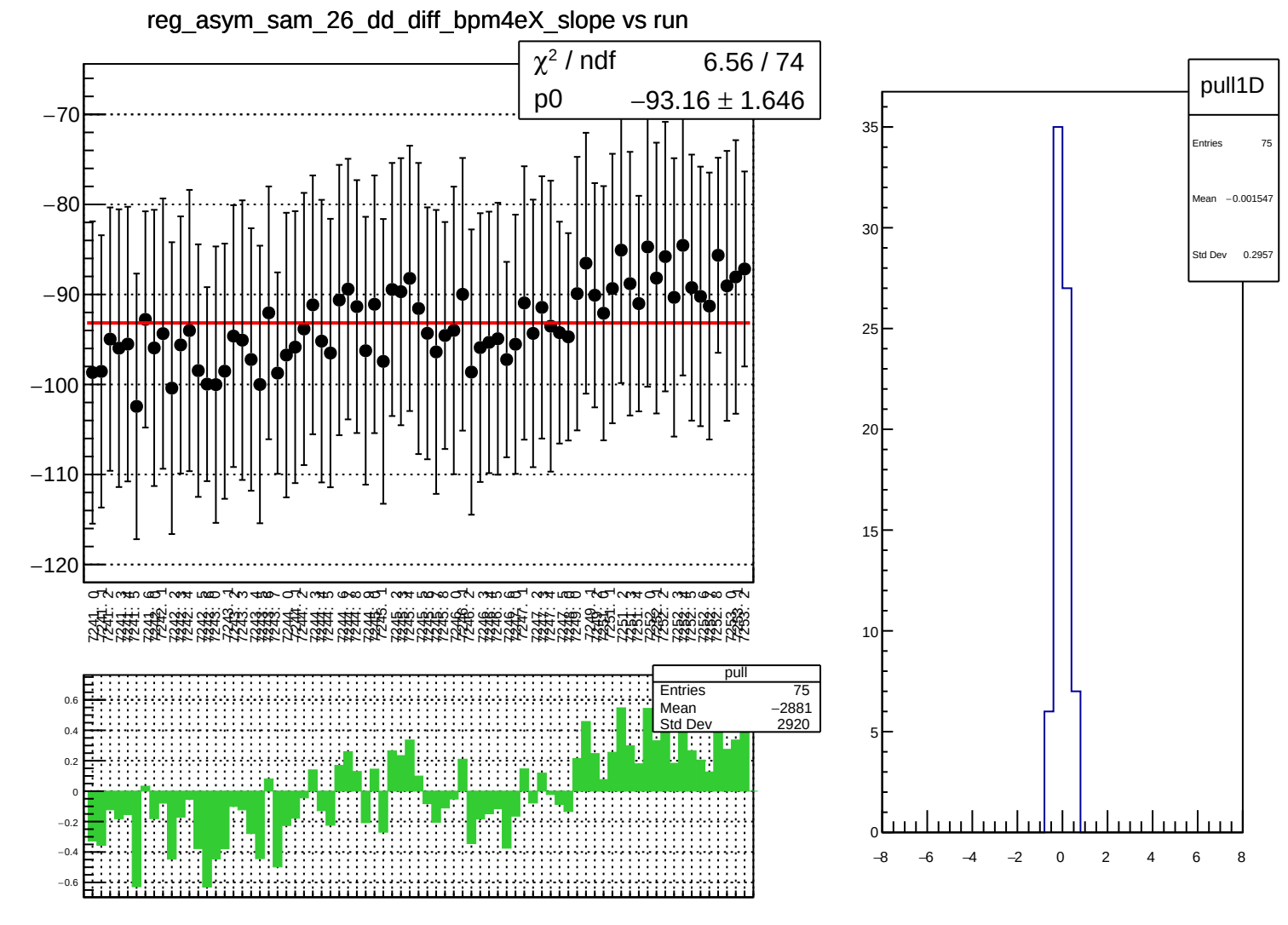

reg_asym_sam_26_avg_diff_bpm12X_slope vs run
χ² / ndf 8.545 / 74
p0 0.4891± 0.01465
pull
Entries 75
Mean −1098
Std Dev 1139
pull1D
Entries 75
Mean 0.003201
Std Dev 0.3375

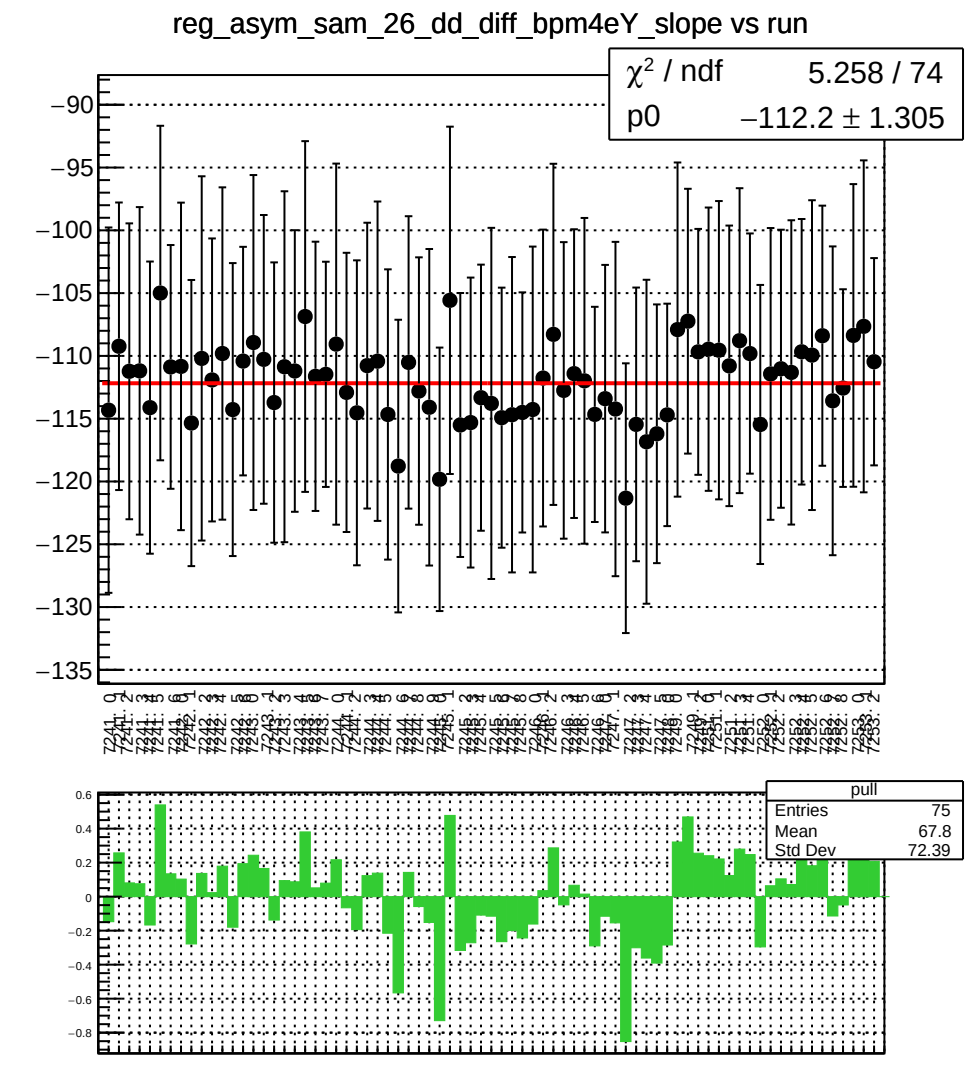

reg_asym_sam_26_dd_diff_bpm1X_slope vs run
χ² / ndf 7.013 / 74
p0 −27.68 ± 1.58
pull
Entries 75
Mean 2.337e+04
Std Dev 2.333e+04

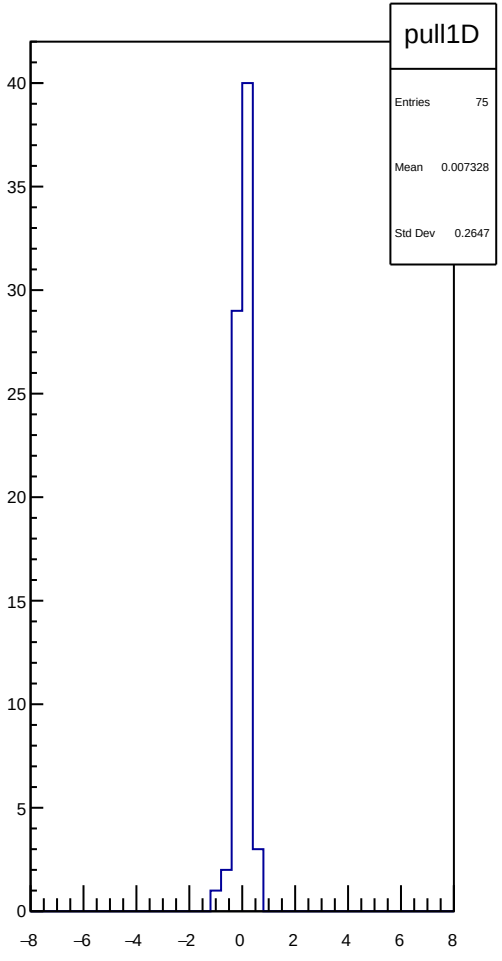

pull1D
Entries 75
Mean −0.000201
Std Dev 0.3058

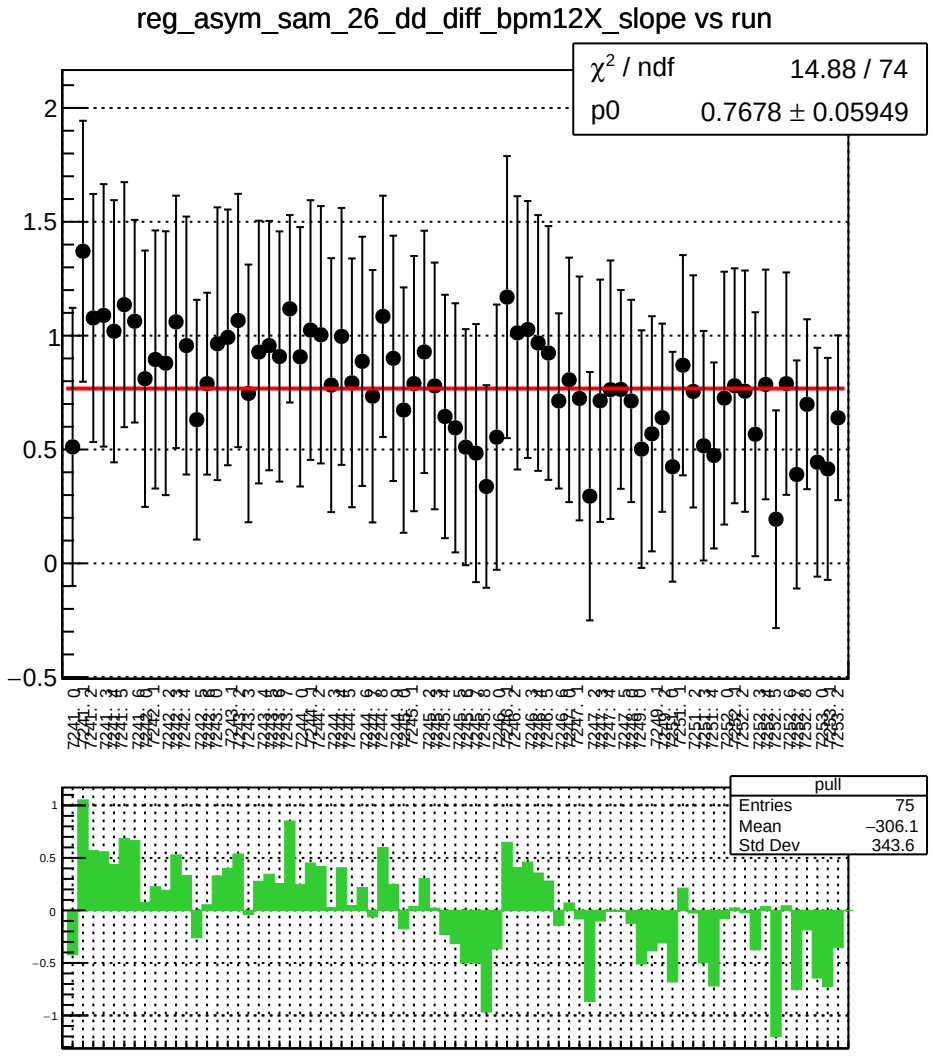

reg_asym_sam_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 5.166 / 74
p0 −29.46 ± 1.212
pull
Entries 75
Mean 37.27
Std Dev 47.98

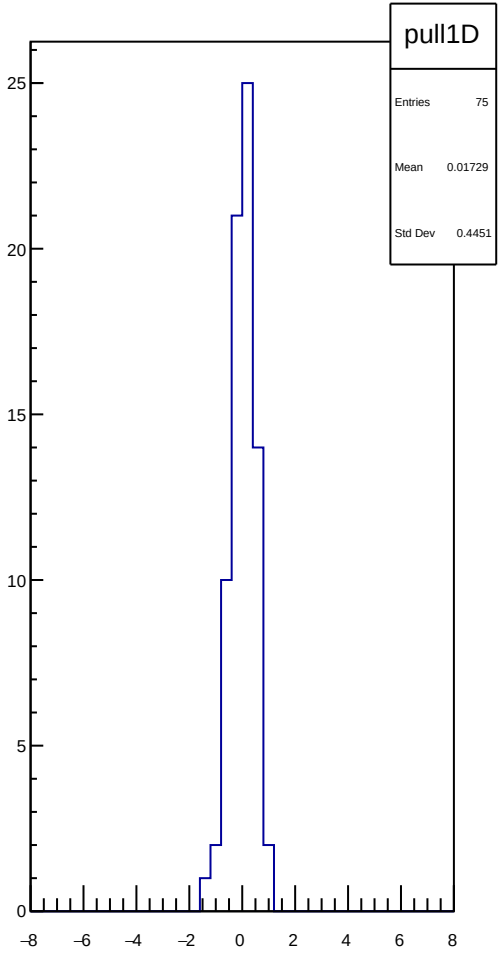

pull1D
Entries 75
Mean −0.01727
Std Dev 0.2619

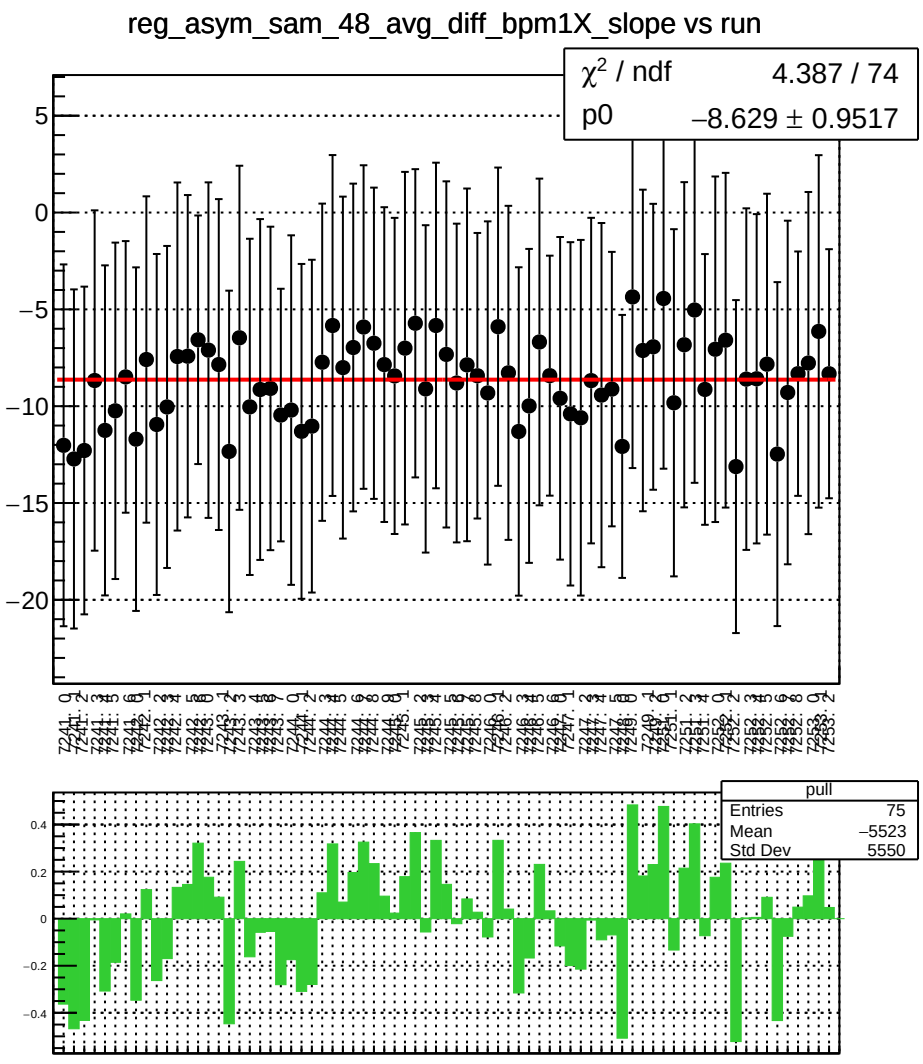

reg_asym_sam_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 6.56 / 74
p0 −93.16 ± 1.646
pull
Entries 75
Mean −2881
Std Dev 2920
pull1D
Entries 75
Mean −0.001547
Std Dev 0.2957

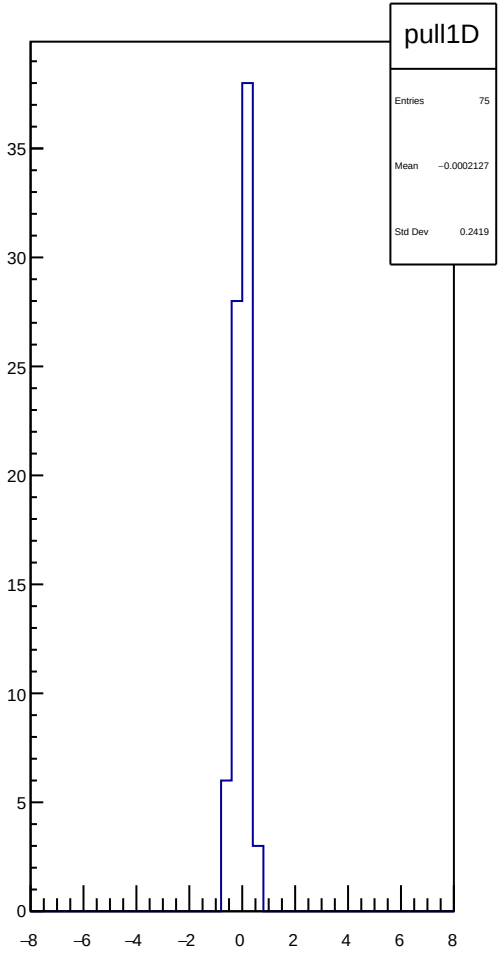

reg_asym_sam_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 5.258 / 74
p0 −112.2 ± 1.305
pull
Entries 75
Mean 67.8
Std Dev 72.39

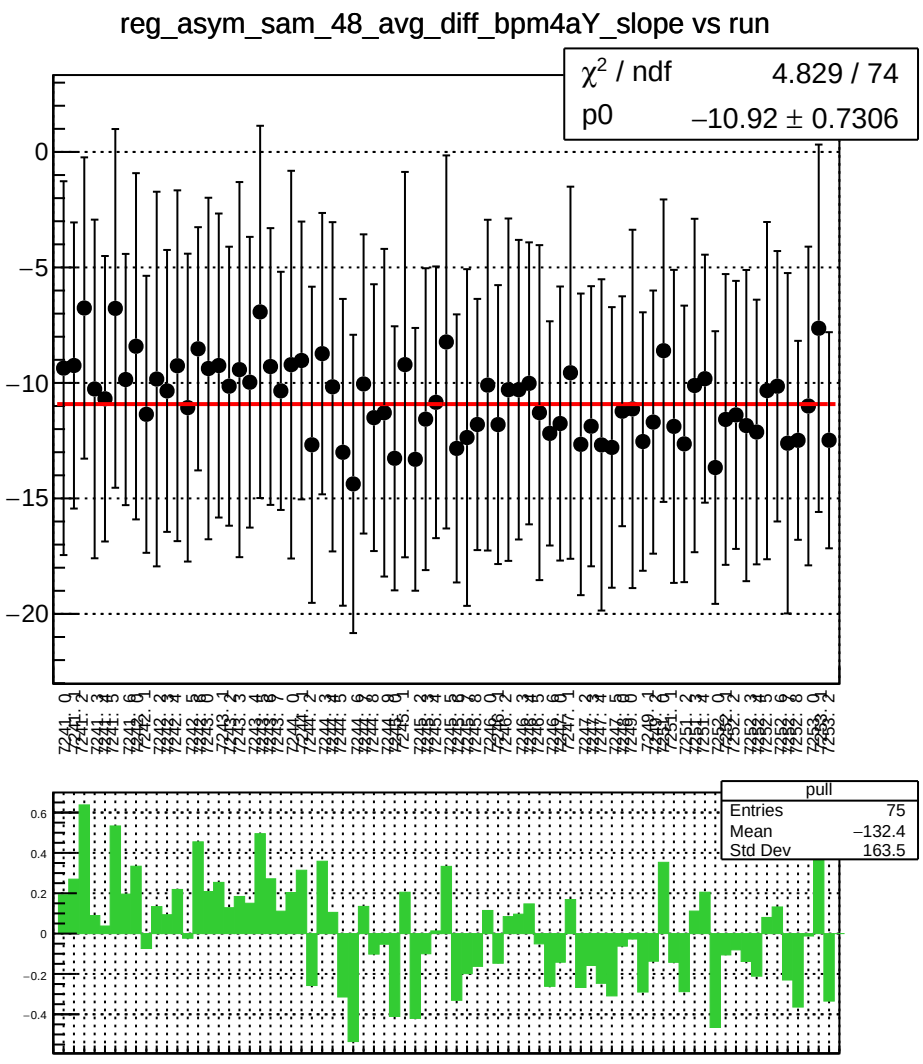

pull1D
Entries 75
Mean 0.007328
Std Dev 0.2647

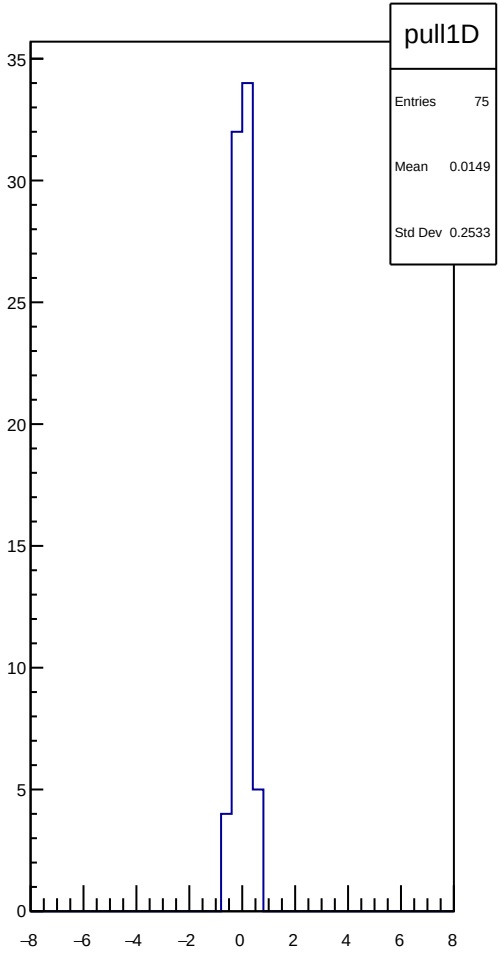

reg_asym_sam_26_dd_diff_bpm12X_slope vs run
χ² / ndf 14.88 / 74
p0 0.7678 ± 0.05949
pull
Entries 75
Mean −306.1
Std Dev 343.6

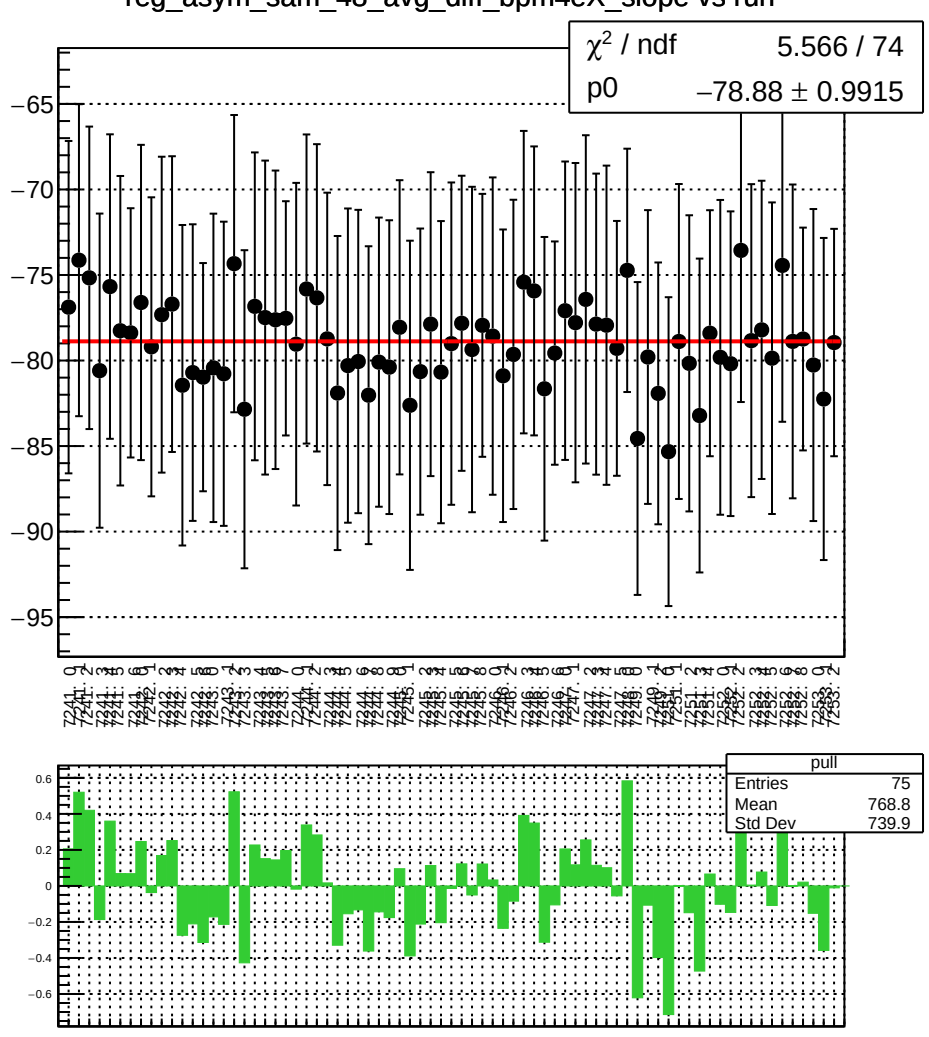

pull1D
Entries 75
Mean 0.01729
Std Dev 0.4451

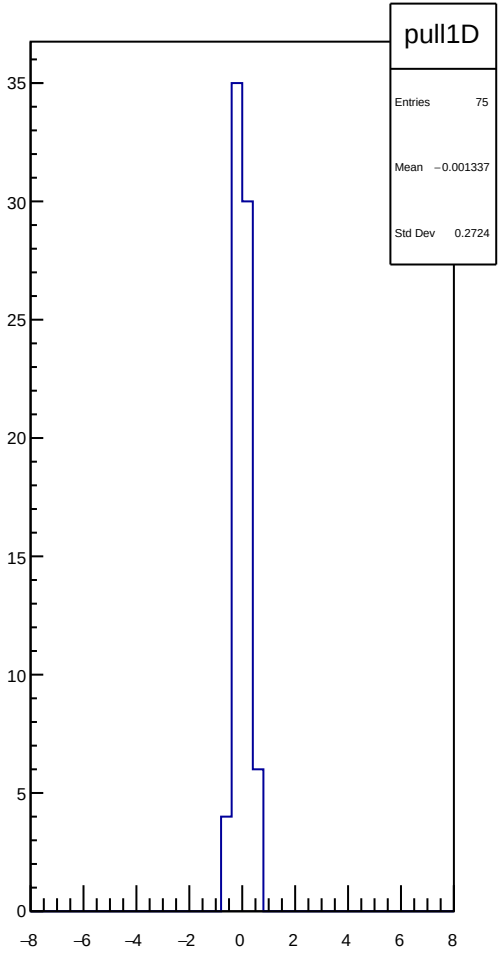

reg_asym_sam_48_avg_diff_bpm1X_slope vs run
χ² / ndf 4.387 / 74
p0 −8.629 ± 0.9517
pull
Entries 75
Mean −5523
Std Dev 5550

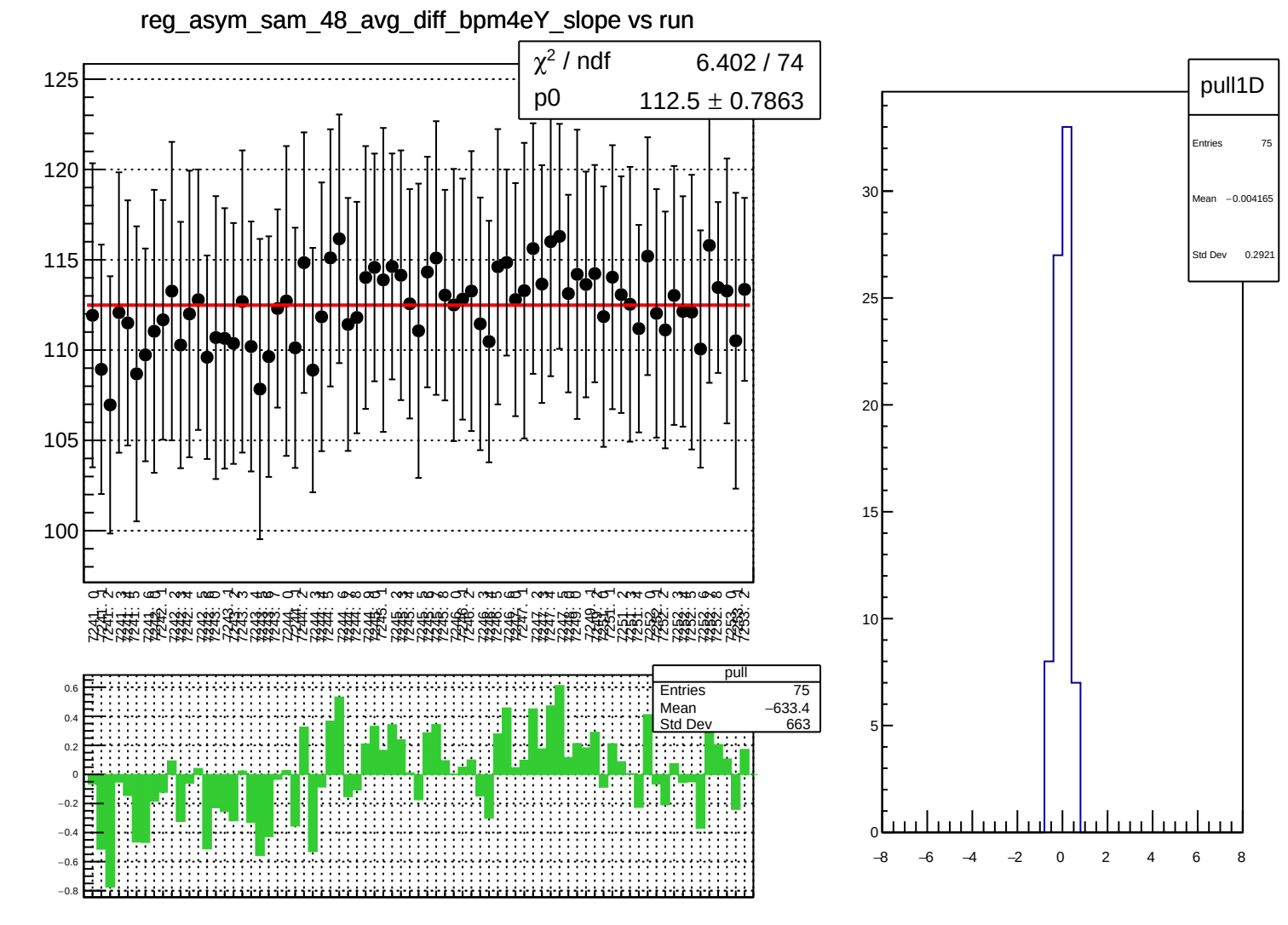

pull1D
Entries 75
Mean −0.0002127
Std Dev 0.2419

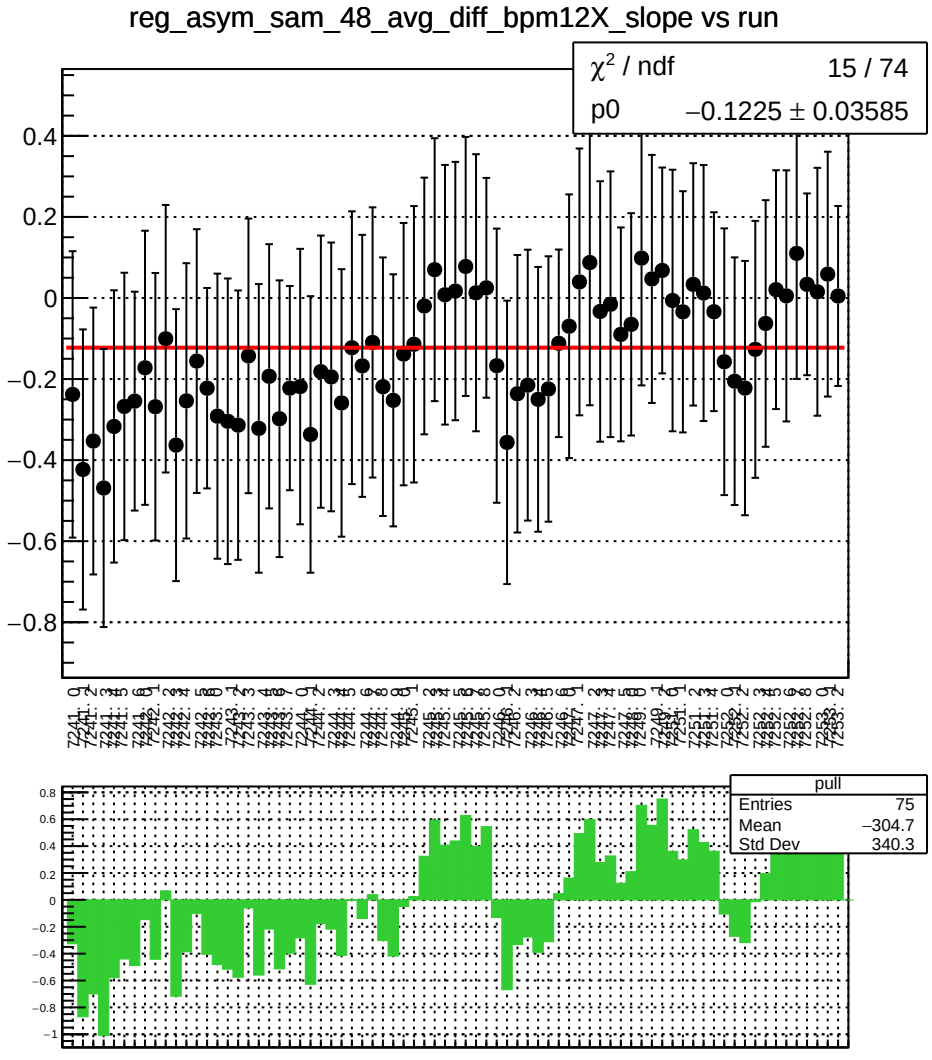

reg_asym_sam_48_avg_diff_bpm4aY_slope vs run
χ² / ndf 4.829 / 74
p0 −10.92 ± 0.7306
pull
Entries 75
Mean −132.4
Std Dev 163.5

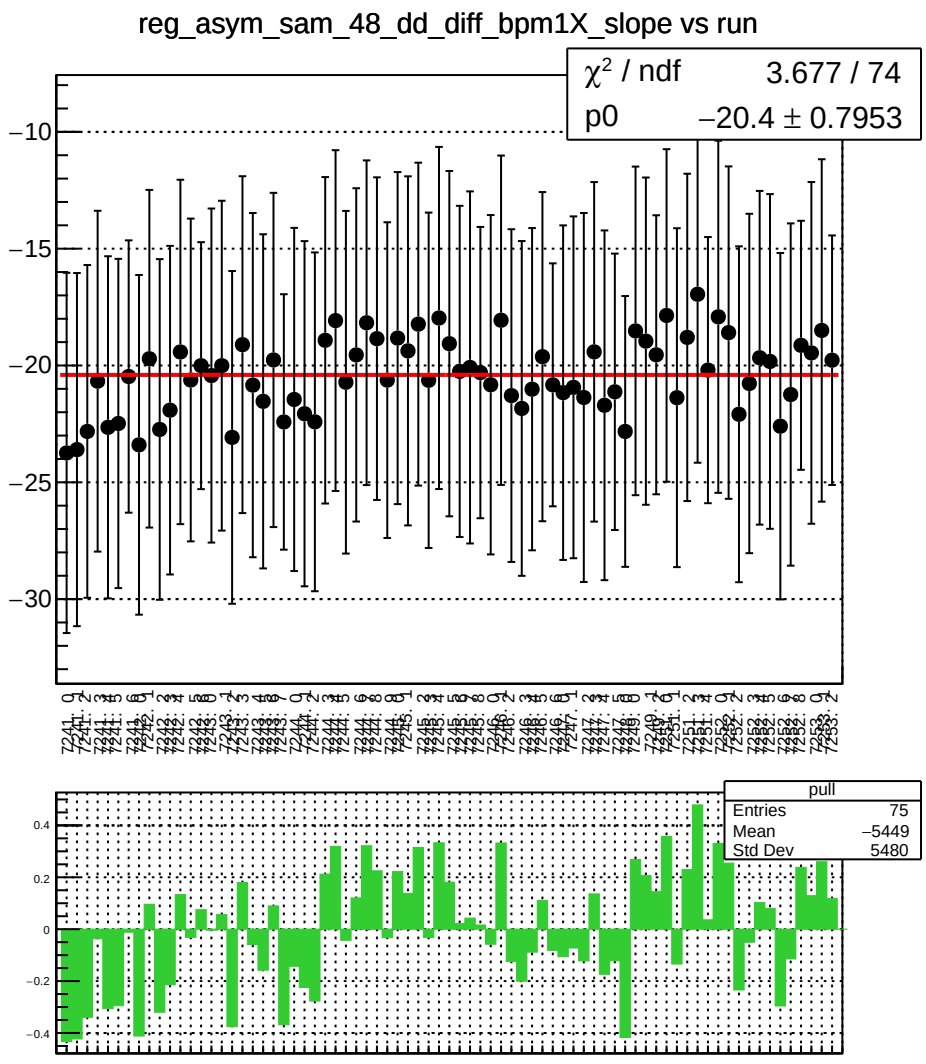

pull1D
Entries 75
Mean 0.0149
Std Dev 0.2533

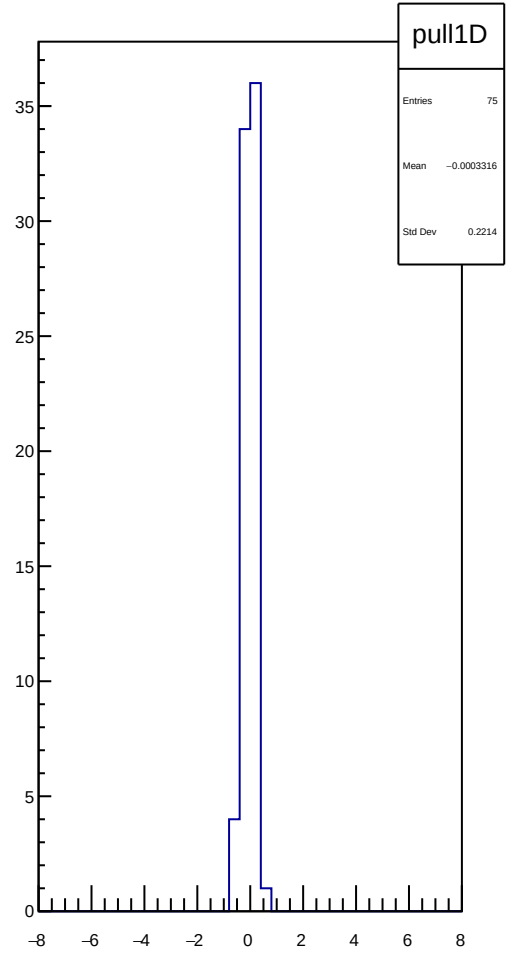

reg_asym_sam_48_avg_diff_bpm4eX_slope vs run
χ² / ndf 5.566 / 74
p0 −78.88 ± 0.9915
pull
Entries 75
Mean 768.8
Std Dev 739.9

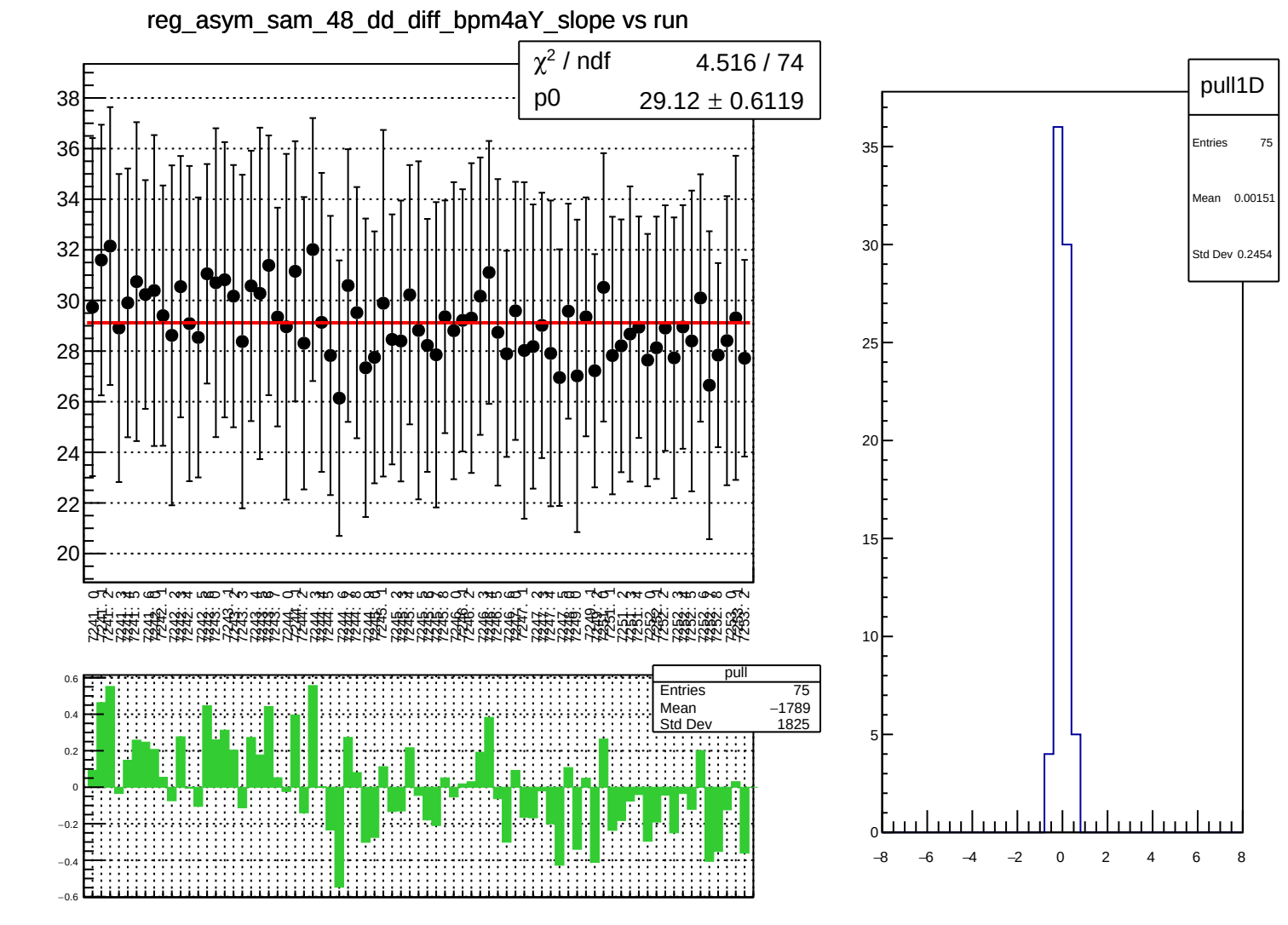

pull1D
Entries 75
Mean −0.001337
Std Dev 0.2724

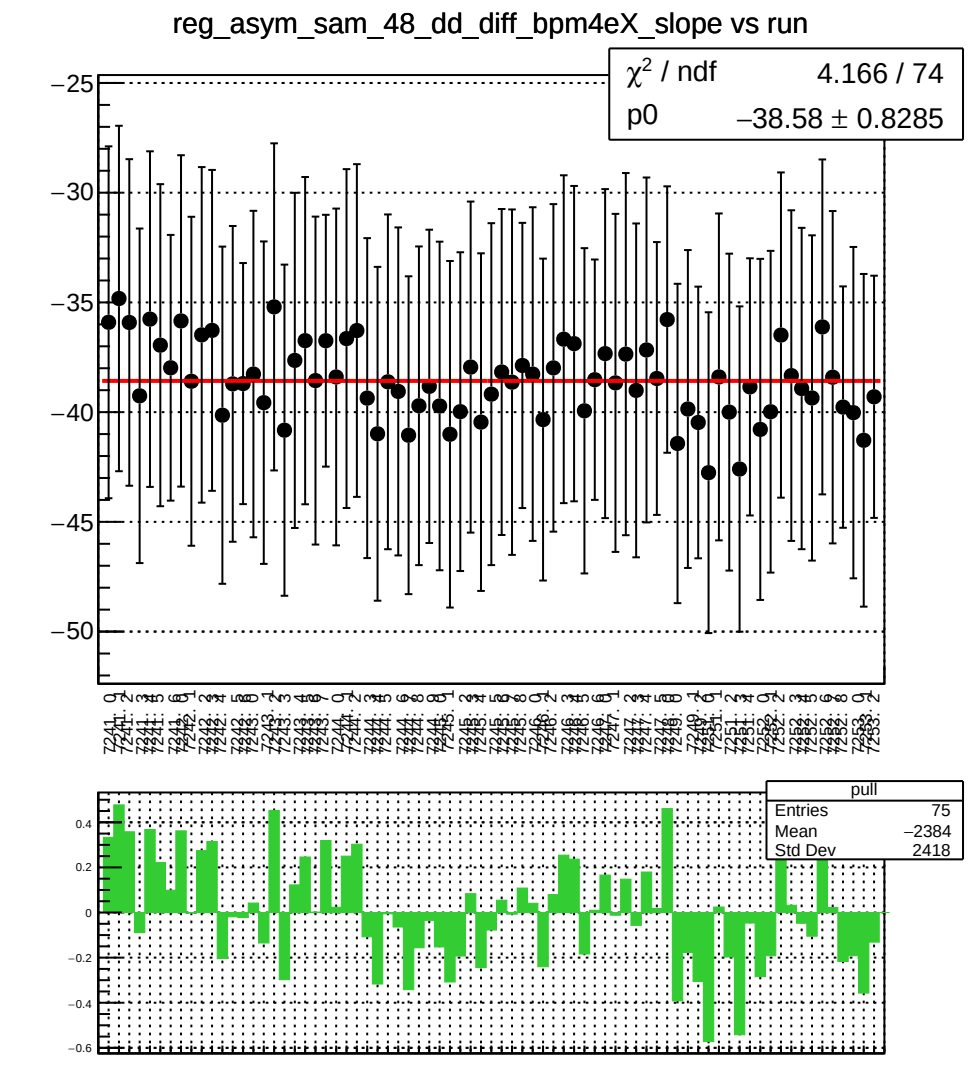

reg_asym_sam_48_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.402 / 74
p0 112.5 ± 0.7863
pull
Entries 75
Mean −633.4
Std Dev 663
pull1D
Entries 75
Mean −0.004165
Std Dev 0.2921

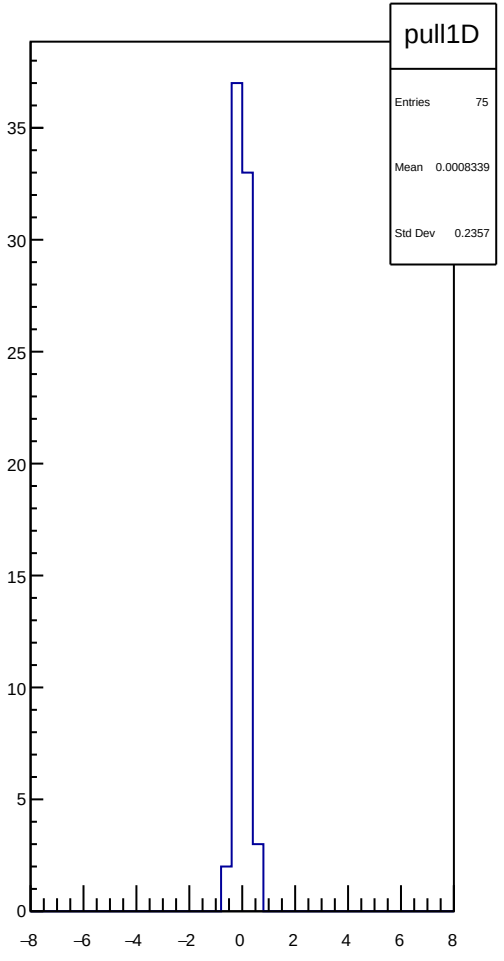

reg_asym_sam_48_avg_diff_bpm12X_slope vs run
χ² / ndf 15 / 74
p0 −0.1225 ± 0.03585
pull
Entries 75
Mean −304.7
Std Dev 340.3
pull1D
Entries 75
Mean −0.0204
Std Dev 0.4467

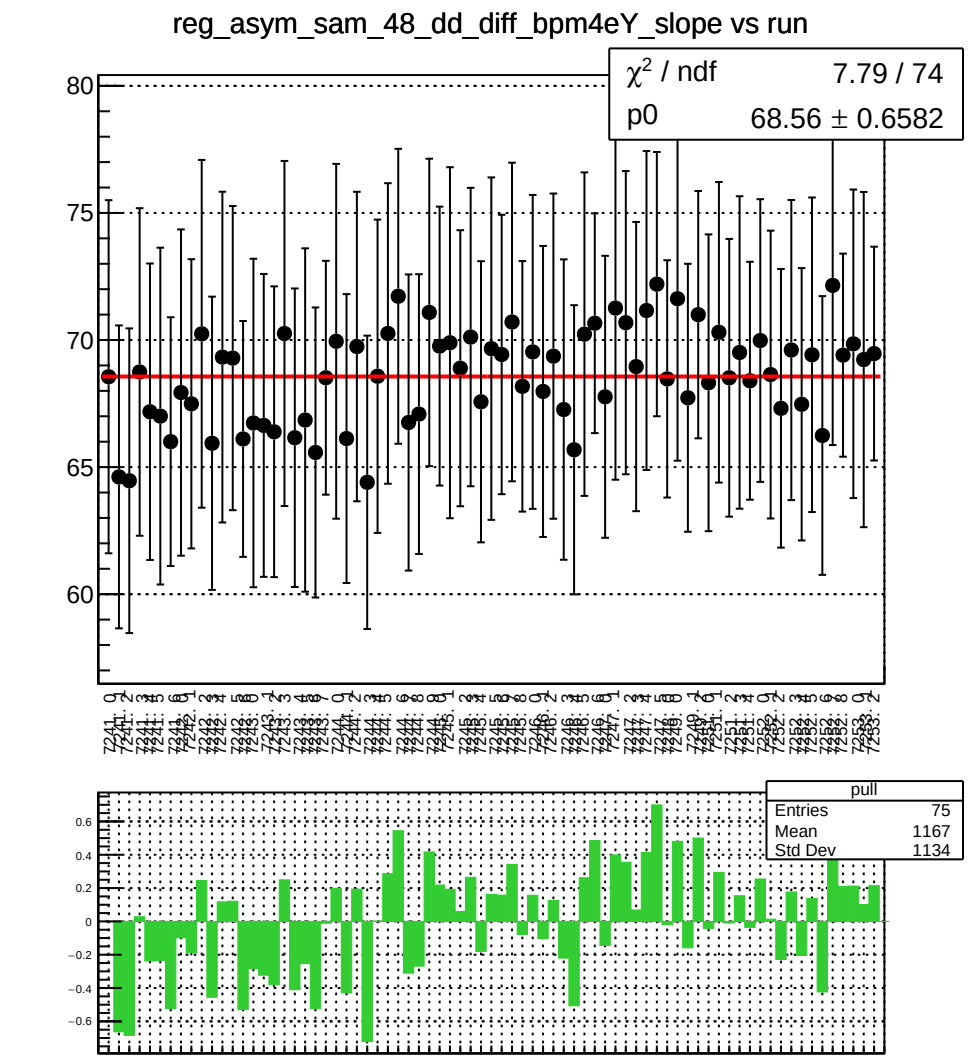

reg_asym_sam_48_dd_diff_bpm1X_slope vs run
χ² / ndf 3.677 / 74
p0 −20.4 ± 0.7953
pull
Entries 75
Mean −5449
Std Dev 5480

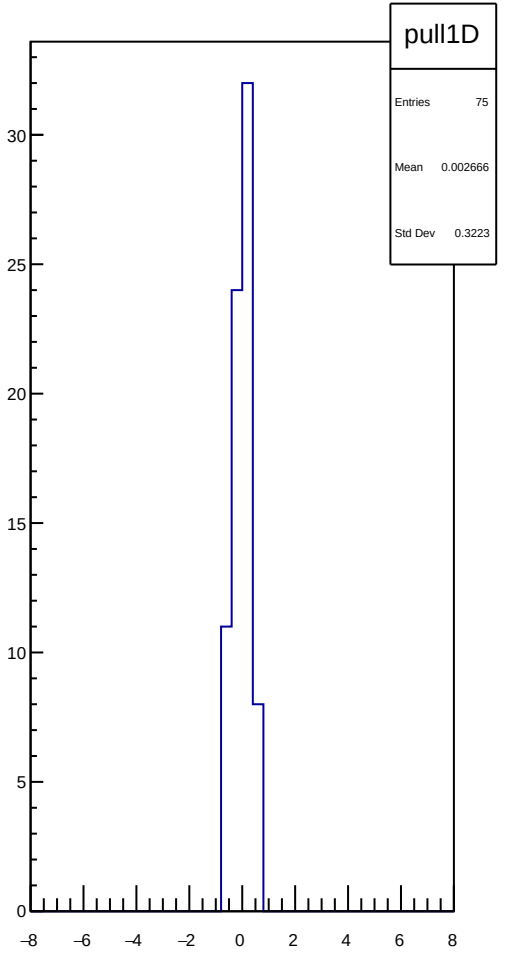

pull1D
Entries 75
Mean −0.0003316
Std Dev 0.2214

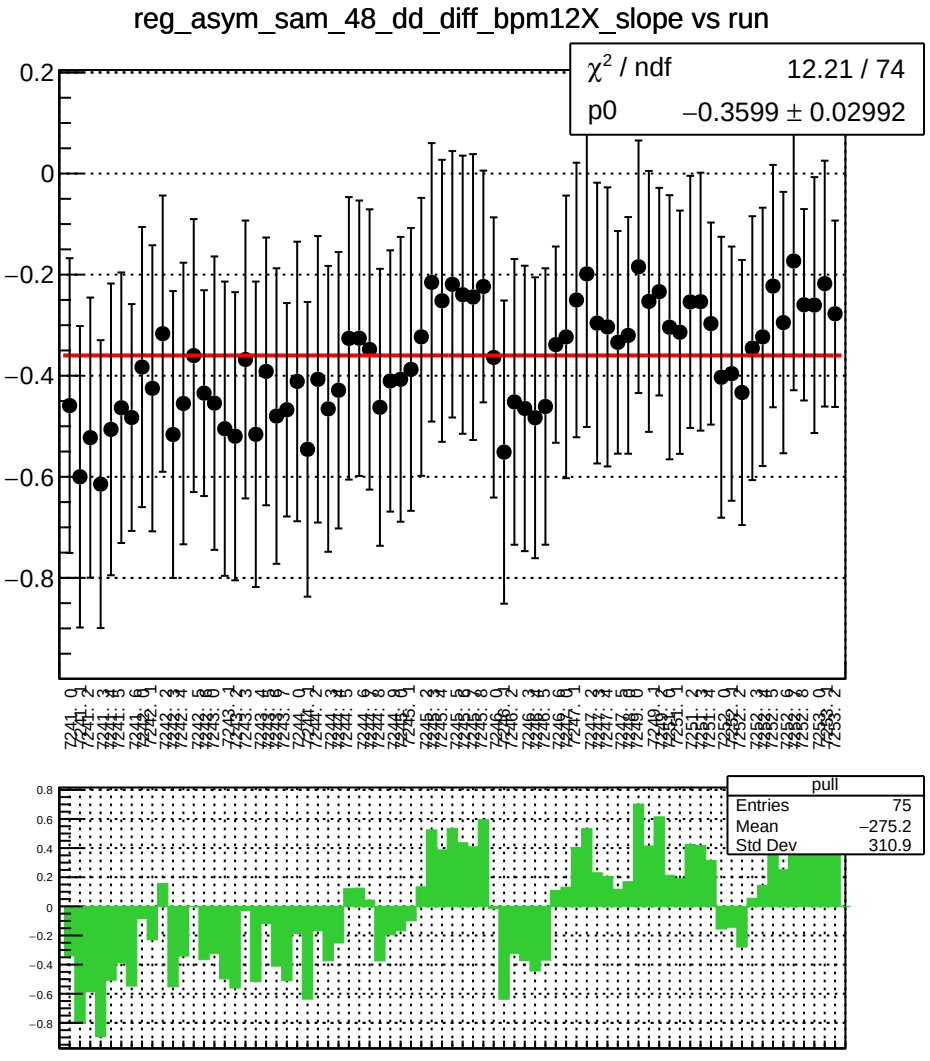

reg_asym_sam_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 4.516 / 74
p0 29.12 ± 0.6119
pull
Entries 75
Mean −1789
Std Dev 1825
pull1D
Entries 75
Mean 0.00151
Std Dev 0.2454

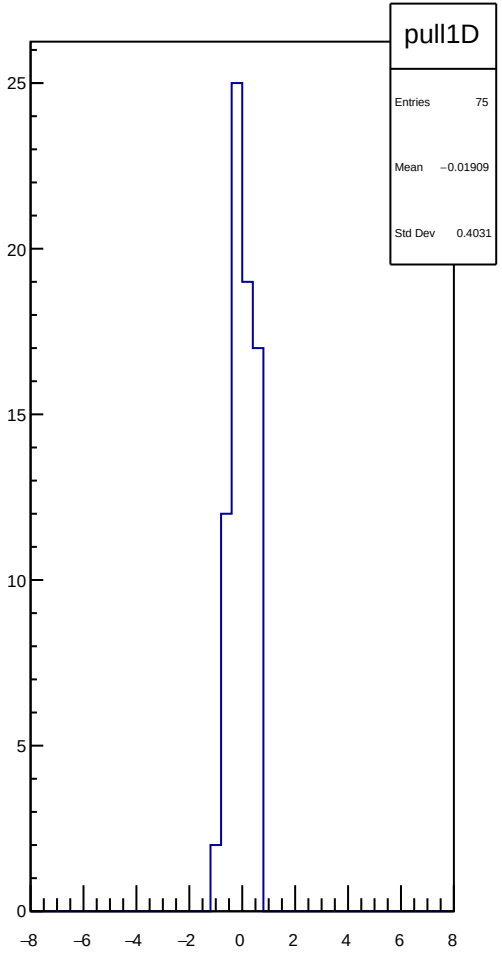

reg_asym_sam_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 4.166 / 74
p0 −38.58 ± 0.8285
pull
Entries 75
Mean −2384
Std Dev 2418

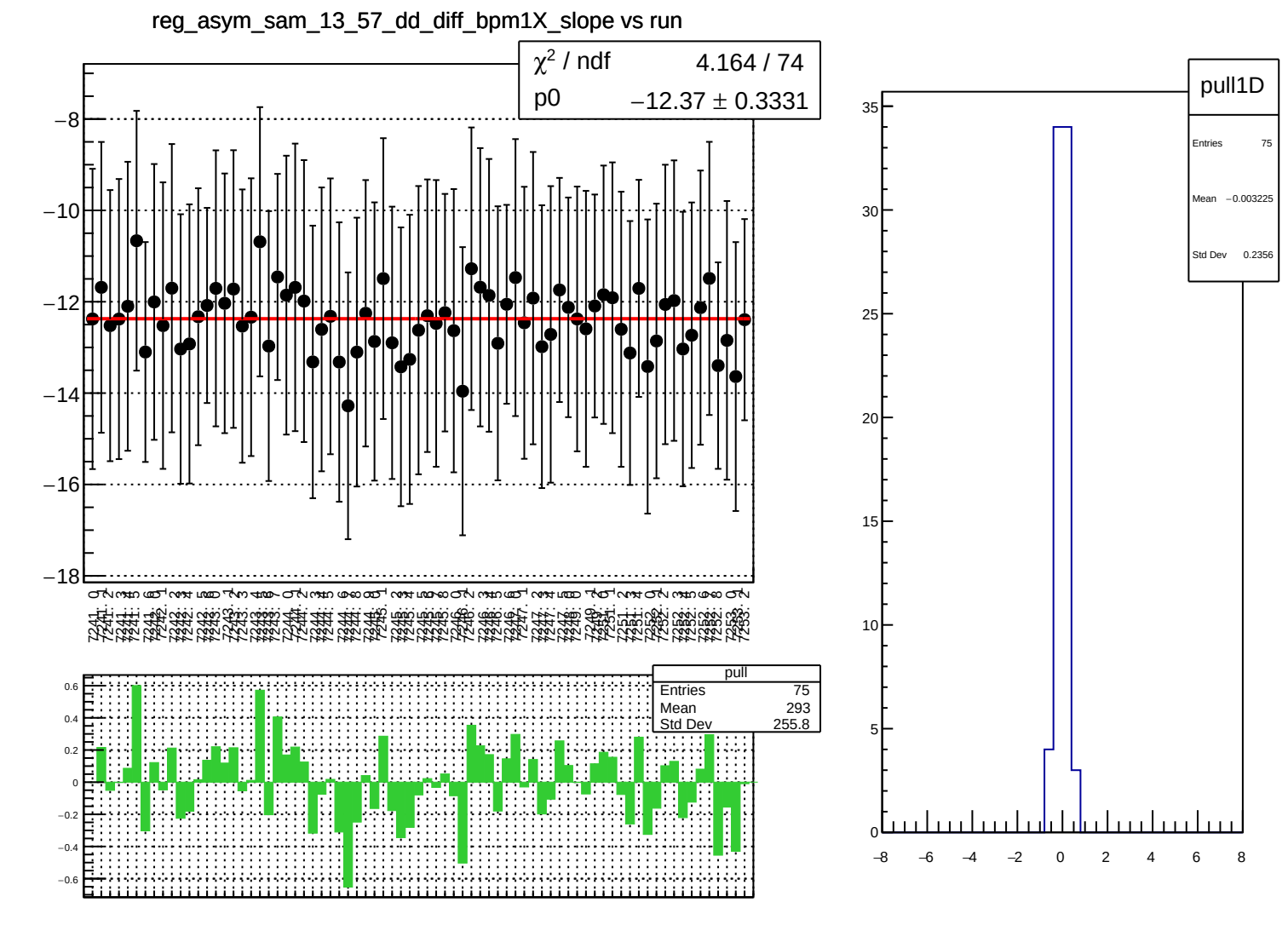

pull1D
Entries 75
Mean 0.0008339
Std Dev 0.2357

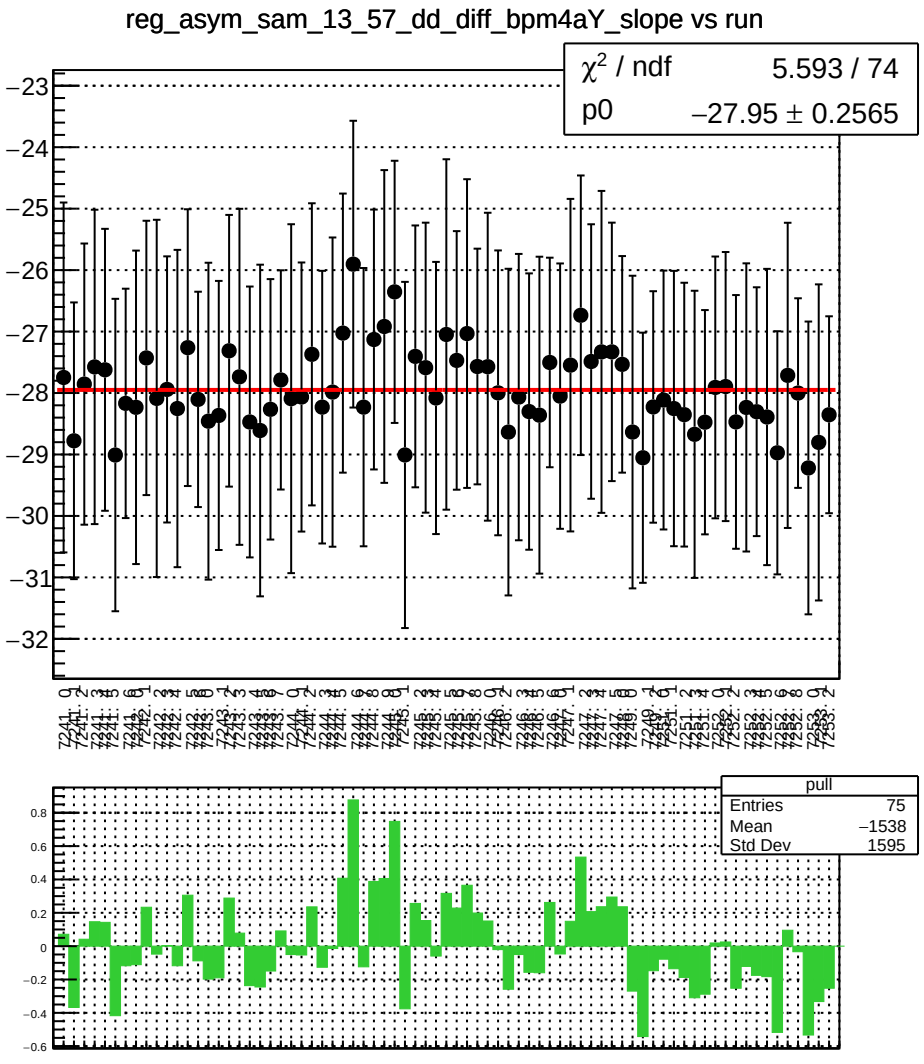

reg_asym_sam_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 7.79 / 74
p0 68.56 ± 0.6582
pull
Entries 75
Mean 1167
Std Dev 1134

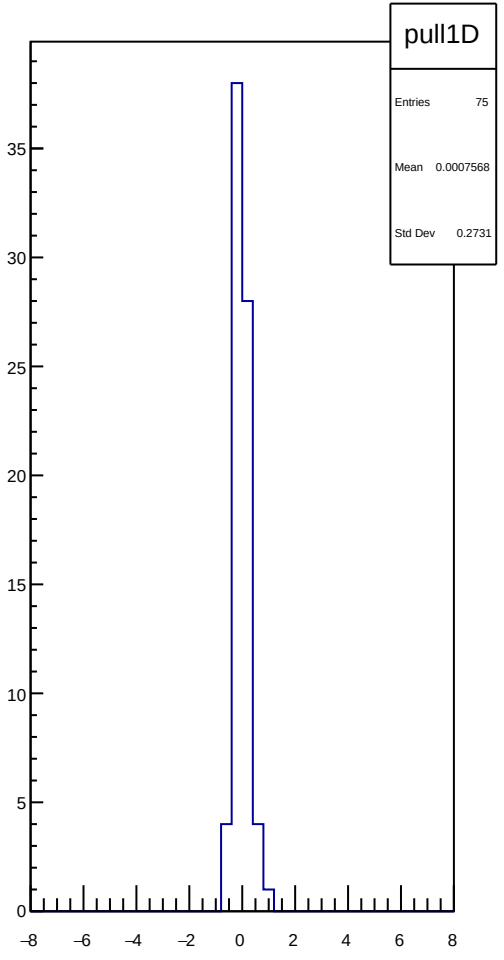

pull1D
Entries 75
Mean 0.002666
Std Dev 0.3223

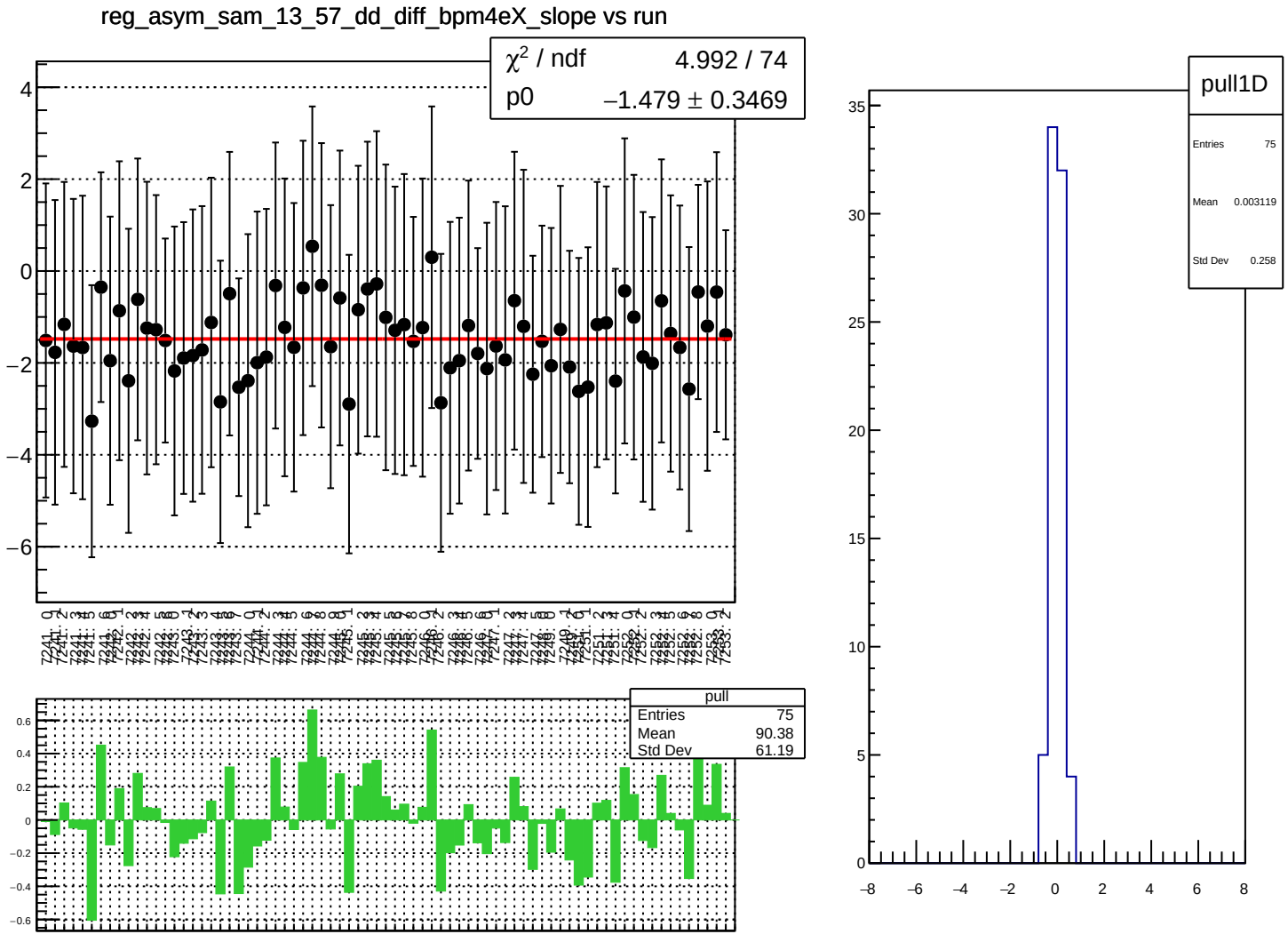

reg_asym_sam_48_dd_diff_bpm12X_slope vs run
χ² / ndf 12.21 / 74
p0 −0.3599 ± 0.02992
pull
Entries 75
Mean −275.2
Std Dev 310.9

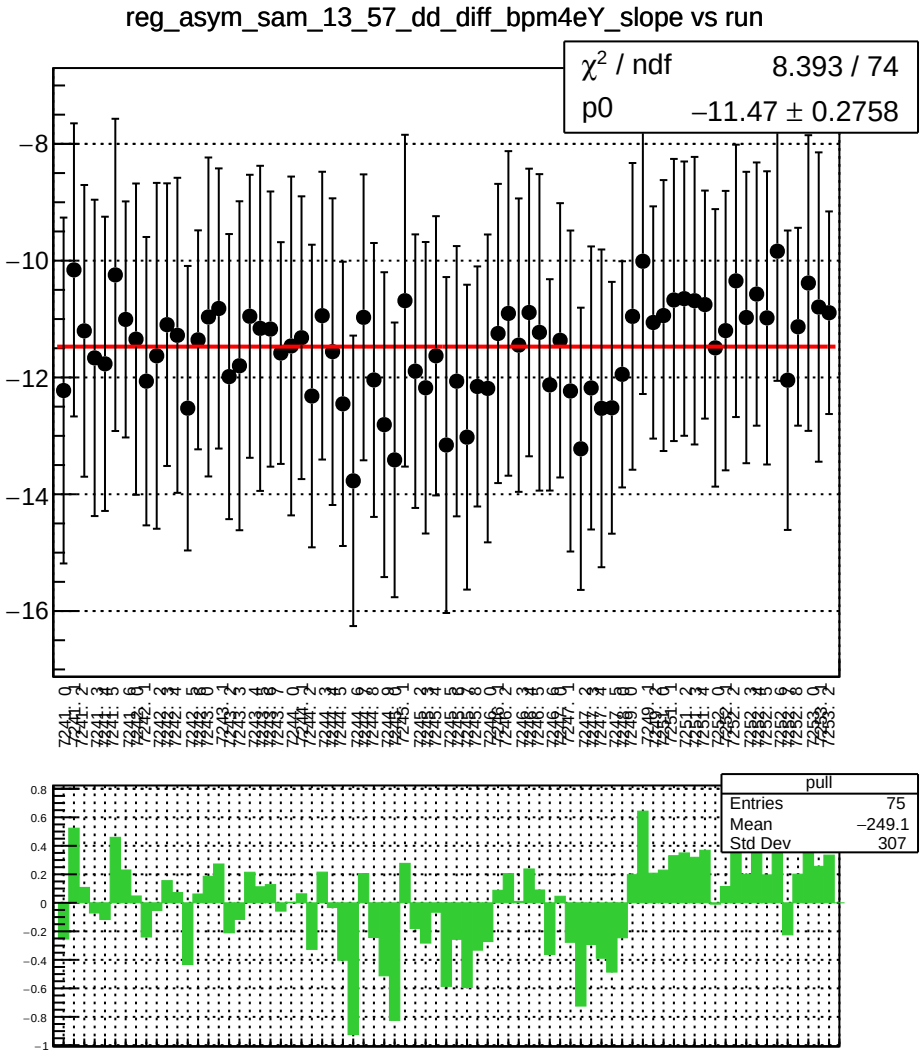

pull1D
Entries 75
Mean −0.01909
Std Dev 0.4031

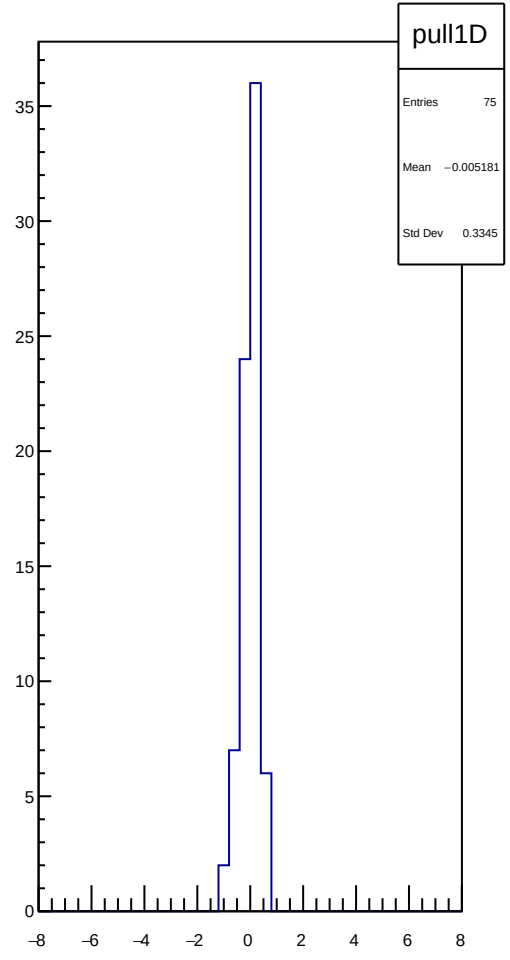

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs run
χ² / ndf 4.164 / 74
p0 −12.37 ± 0.3331
pull
Entries 75
Mean 293
Std Dev 255.8
pull1D
Entries 75
Mean −0.003225
Std Dev 0.2356

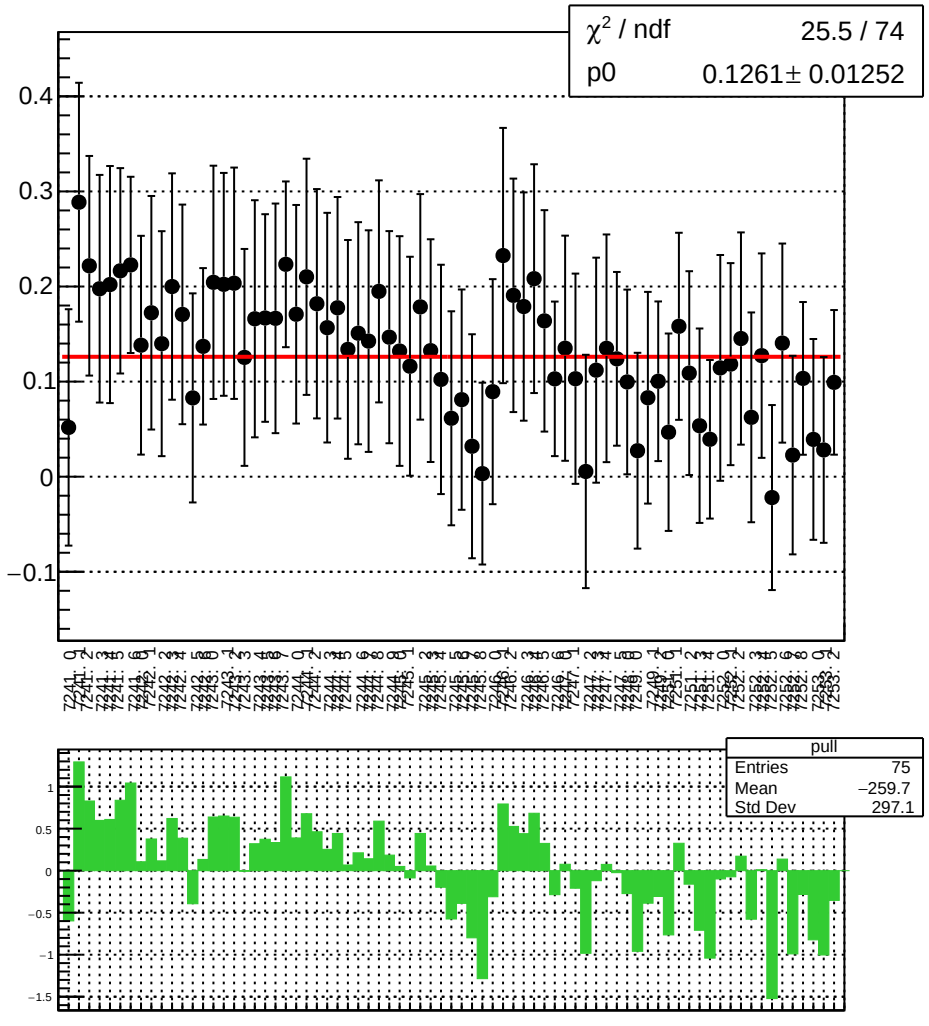

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs run
χ² / ndf 5.593 / 74
p0 −27.95 ± 0.2565
pull
Entries 75
Mean −1538
Std Dev 1595

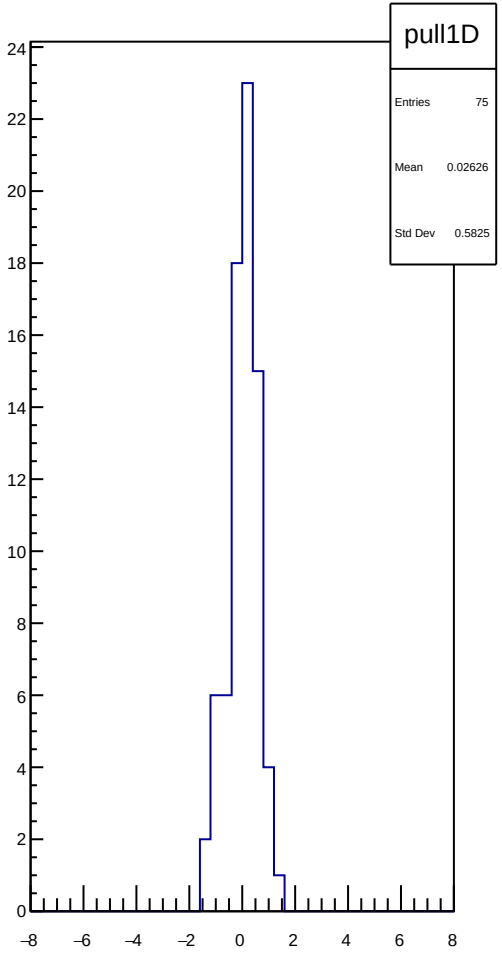

pull1D
Entries 75
Mean 0.0007568
Std Dev 0.2731

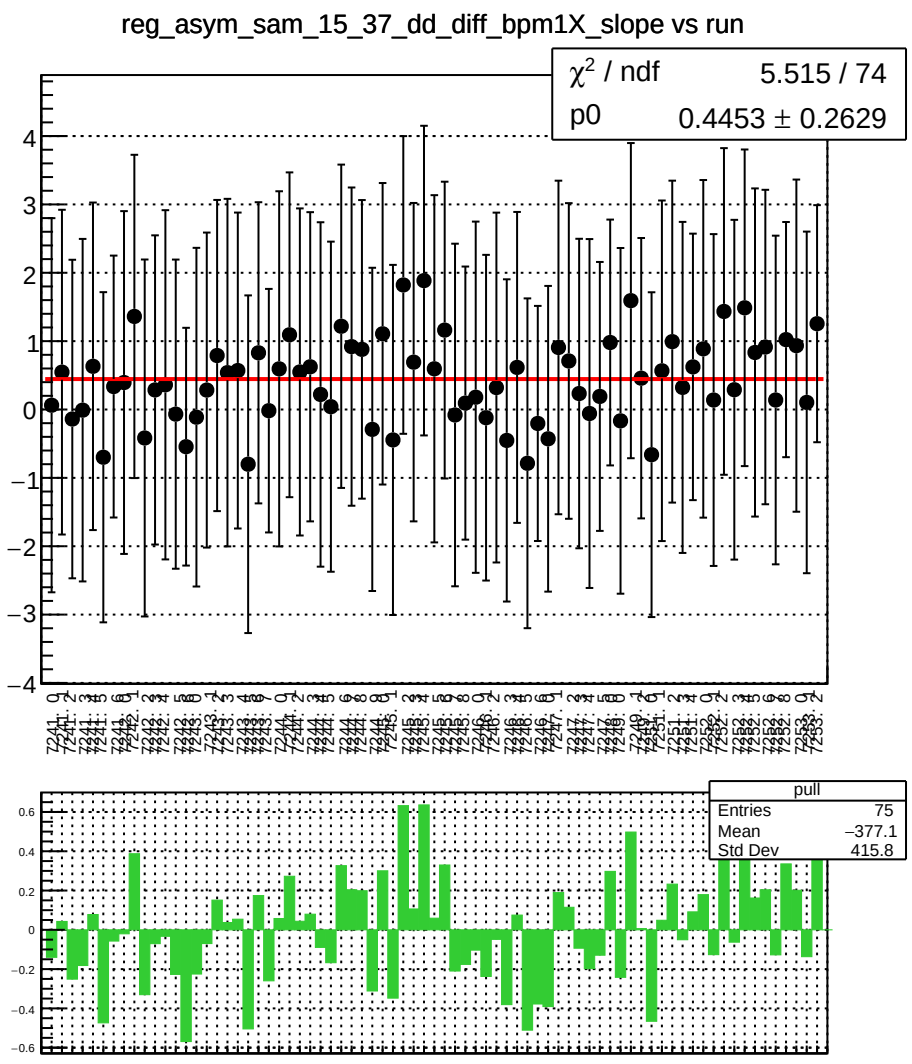

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs run
χ² / ndf 4.992 / 74
p0 −1.479 ± 0.3469
pull
Entries 75
Mean 90.38
Std Dev 61.19
pull1D
Entries 75
Mean 0.003119
Std Dev 0.258

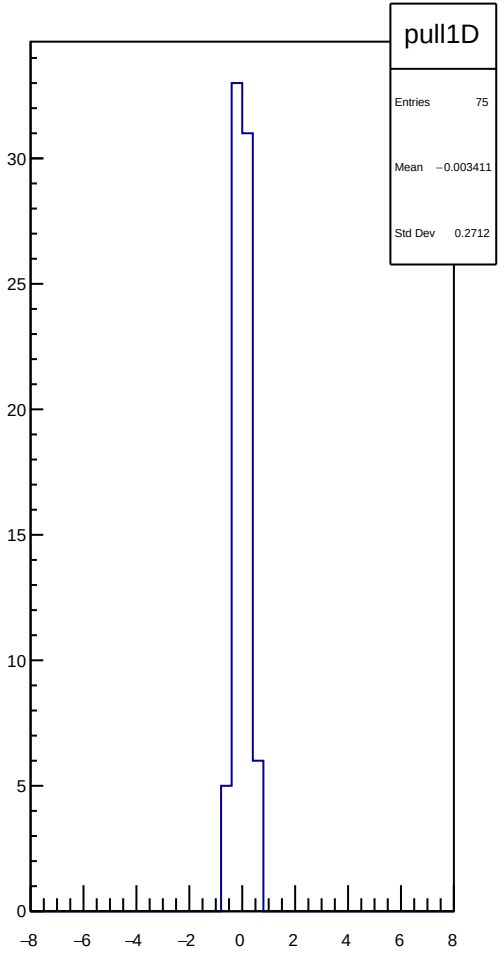

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs run
χ² / ndf 8.393 / 74
p0 −11.47 ± 0.2758
pull
Entries 75
Mean −249.1
Std Dev 307

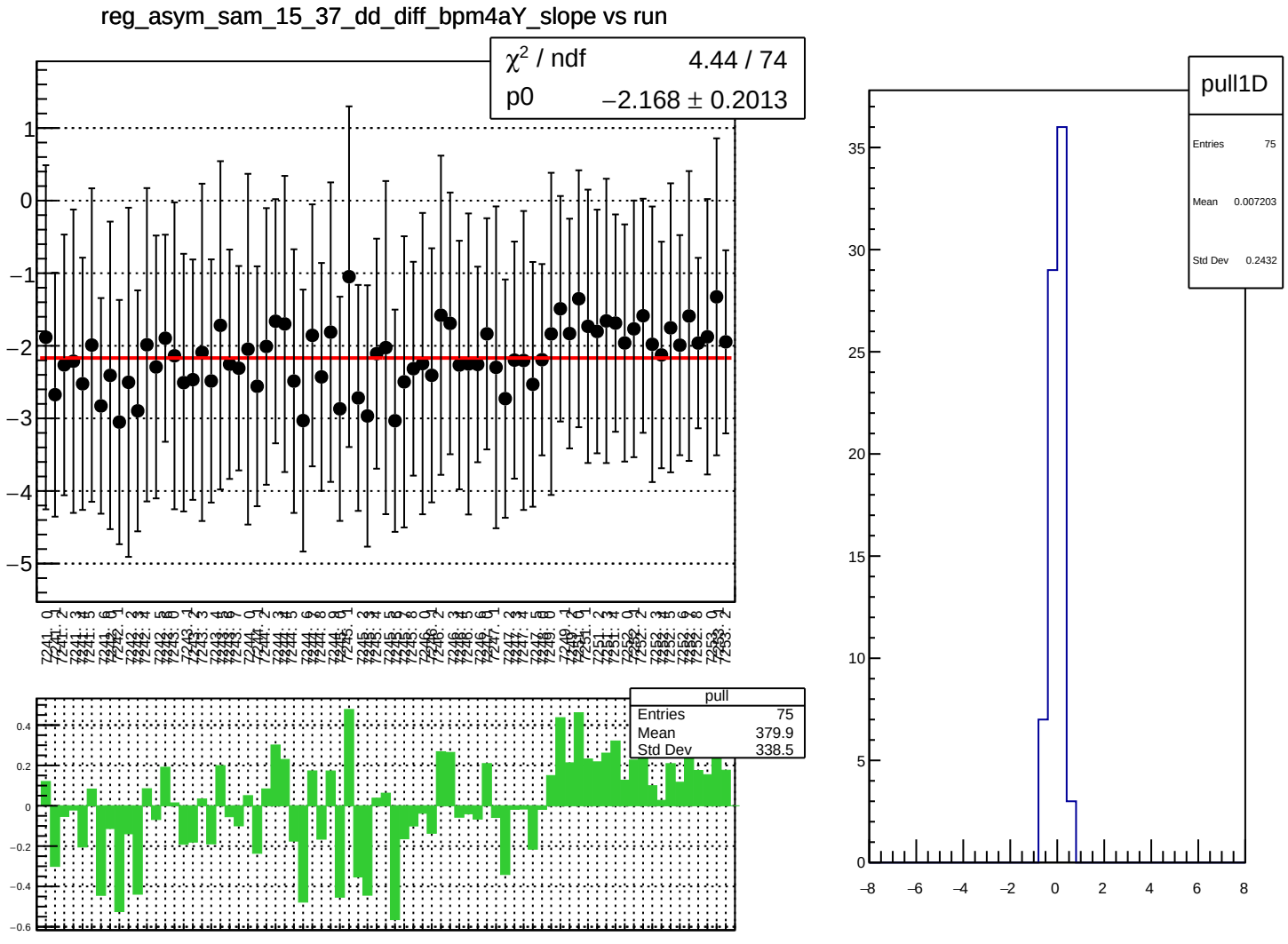

pull1D
Entries 75
Mean −0.005181
Std Dev 0.3345

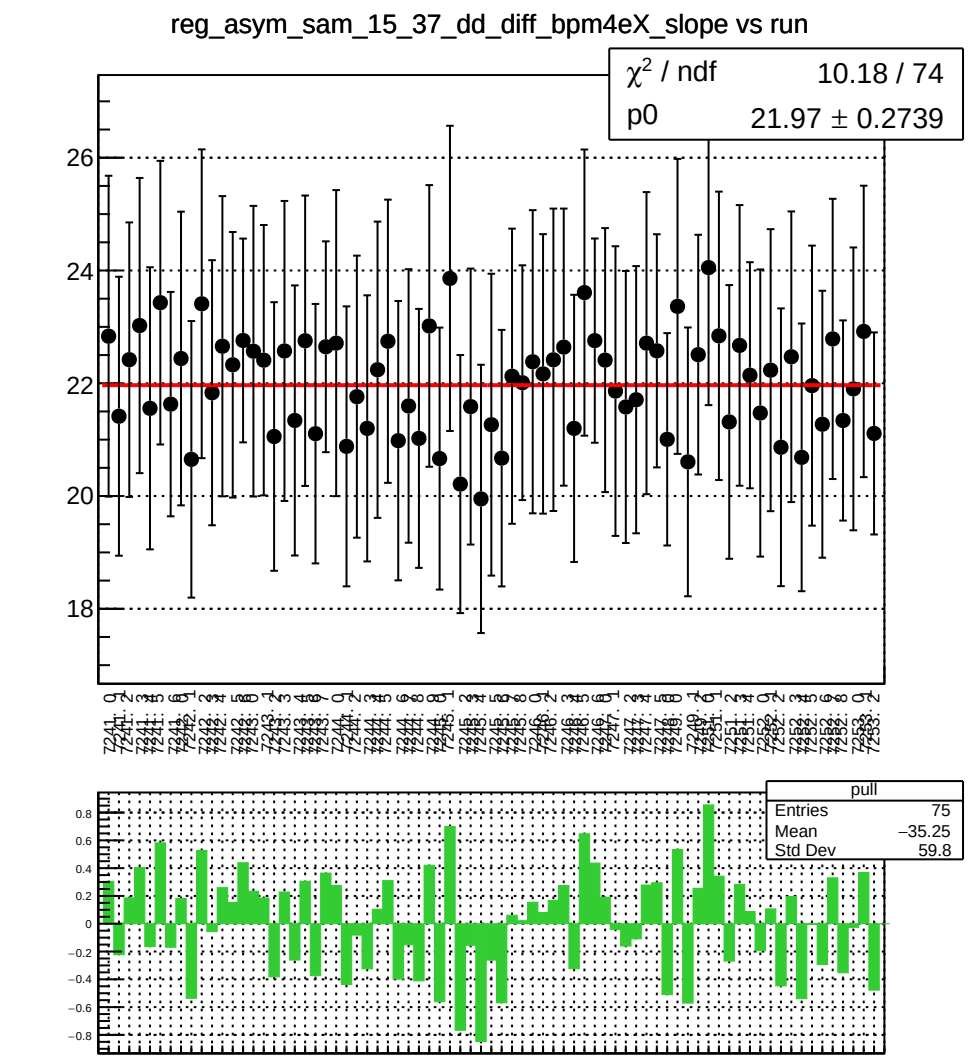

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs run
χ² / ndf 25.5 / 74
p0 0.1261± 0.01252
pull
Entries 75
Mean −259.7
Std Dev 297.1

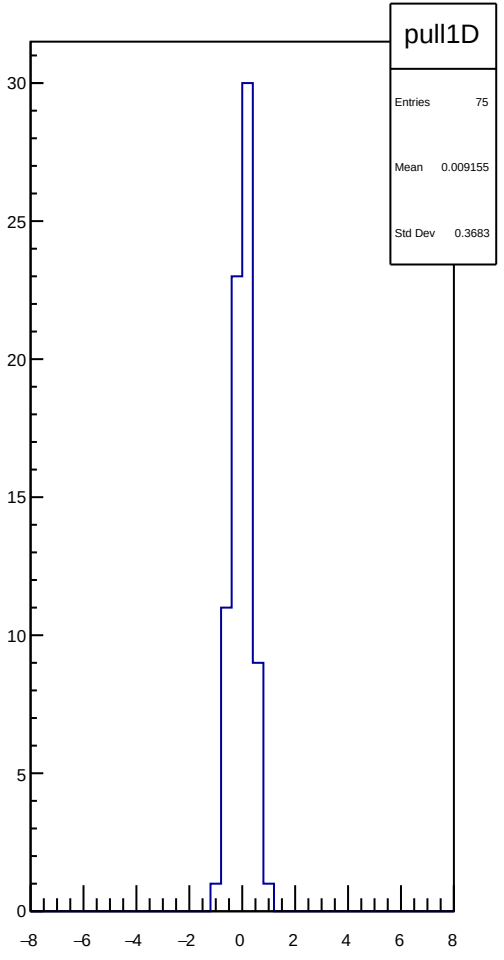

pull1D
Entries 75
Mean 0.02626
Std Dev 0.5825

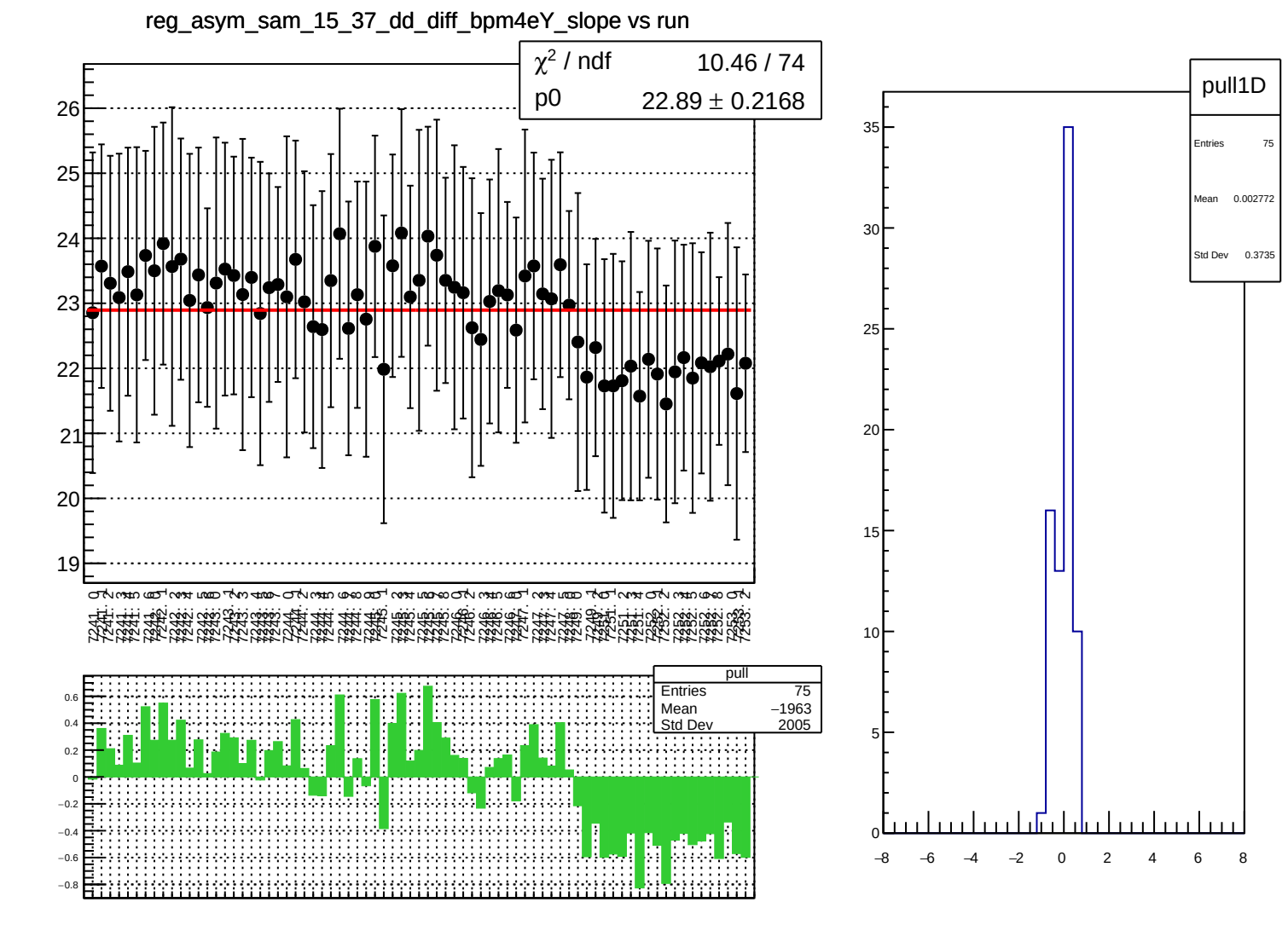

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs run
χ² / ndf 5.515 / 74
p0 0.4453 ± 0.2629
pull
Entries 75
Mean −377.1
Std Dev 415.8

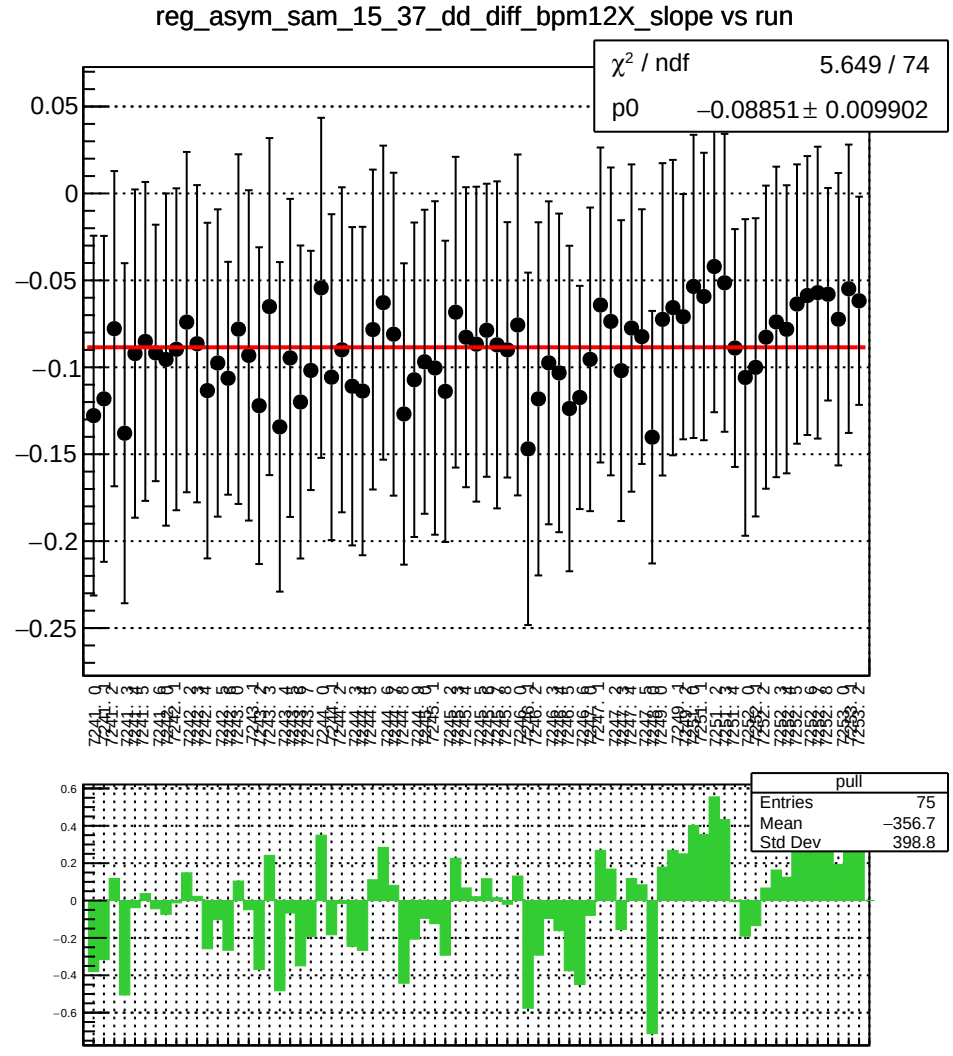

pull1D
Entries 75
Mean −0.003411
Std Dev 0.2712

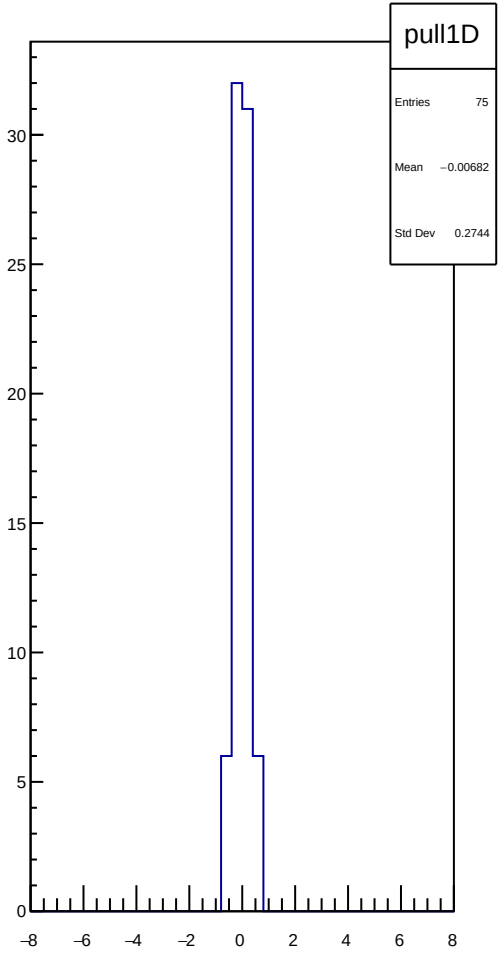

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 4.44 / 74
p0 −2.168 ± 0.2013
pull
Entries 75
Mean 379.9
Std Dev 338.5
pull1D
Entries 75
Mean 0.007203
Std Dev 0.2432

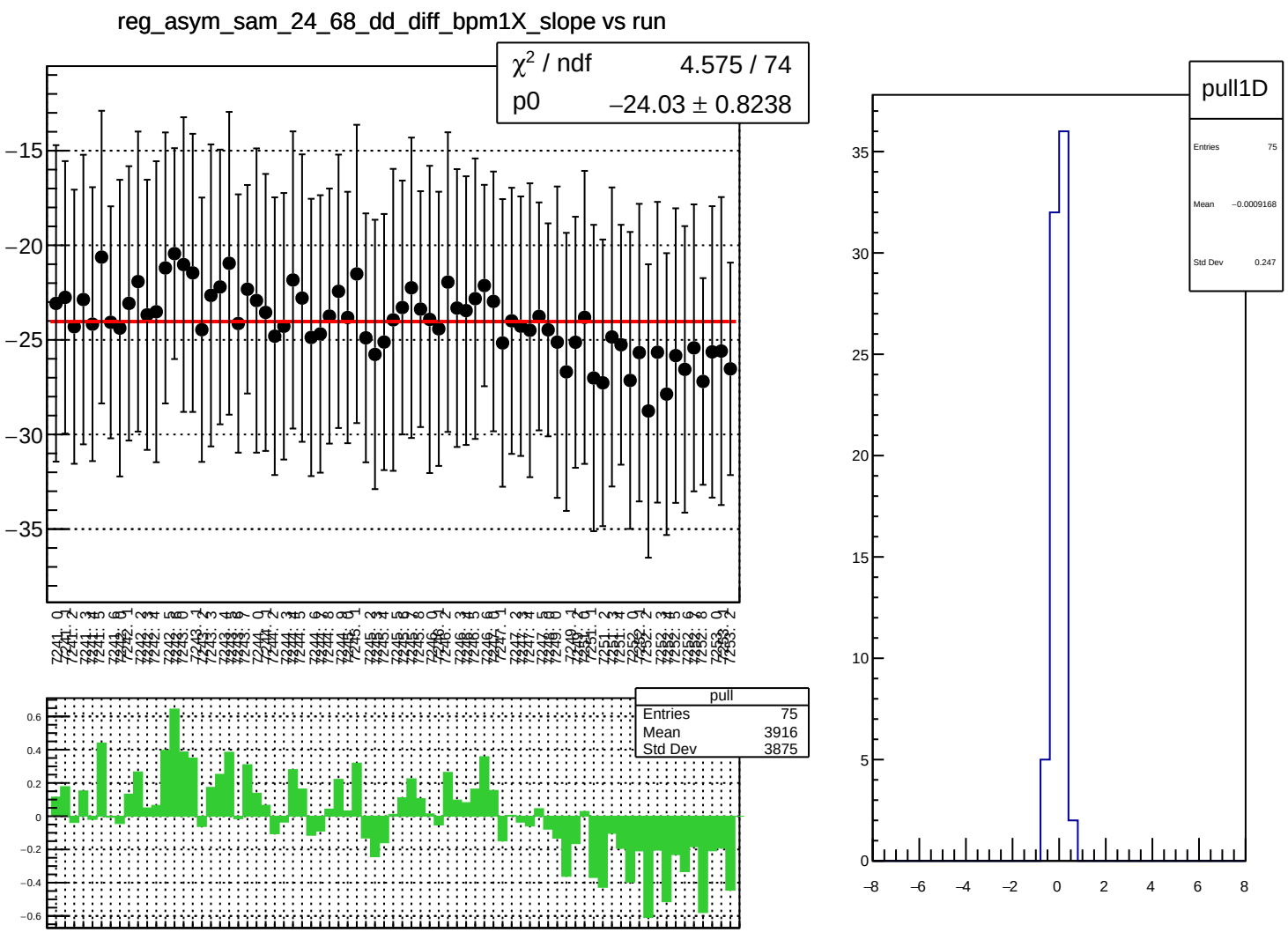

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 10.18 / 74
p0 21.97 ± 0.2739
pull
Entries 75
Mean −35.25
Std Dev 59.8

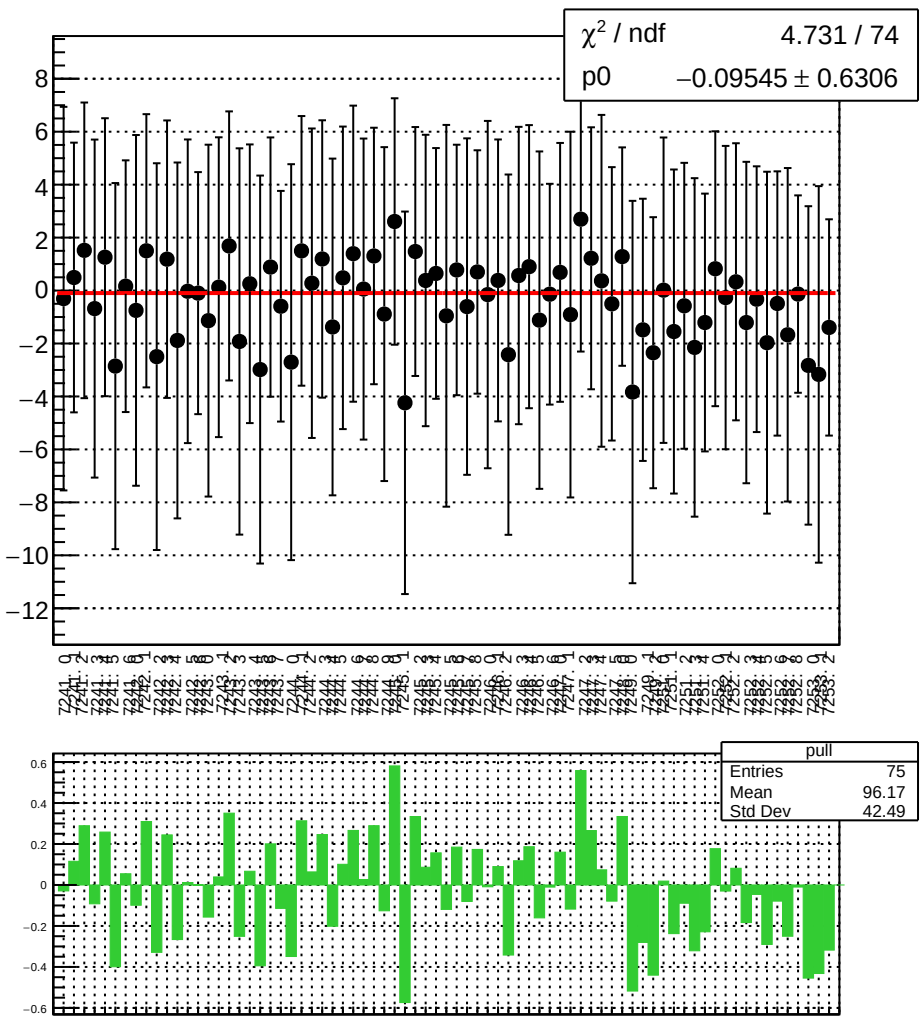

pull1D
Entries 75
Mean 0.009155
Std Dev 0.3683

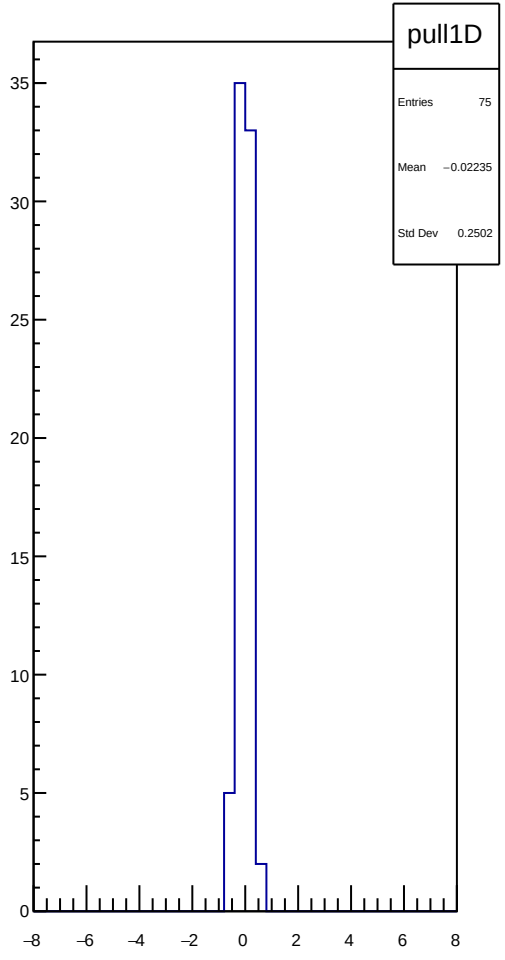

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 10.46 / 74
p0 22.89 ± 0.2168
pull
Entries 75
Mean −1963
Std Dev 2005
pull1D
Entries 75
Mean 0.002772
Std Dev 0.3735

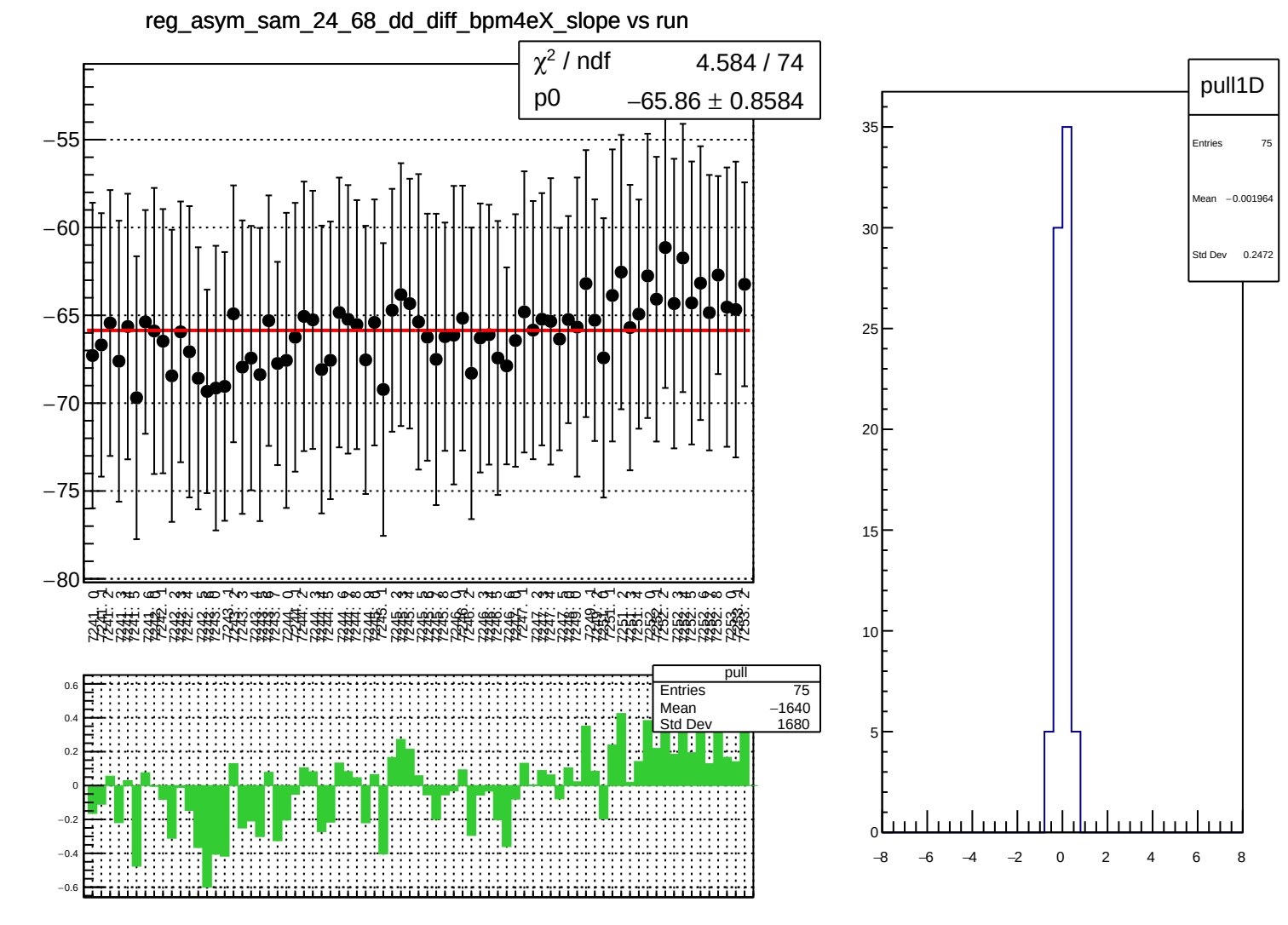

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs run
χ² / ndf 5.649 / 74
p0 −0.08851 ± 0.009902
pull
Entries 75
Mean −356.7
Std Dev 398.8

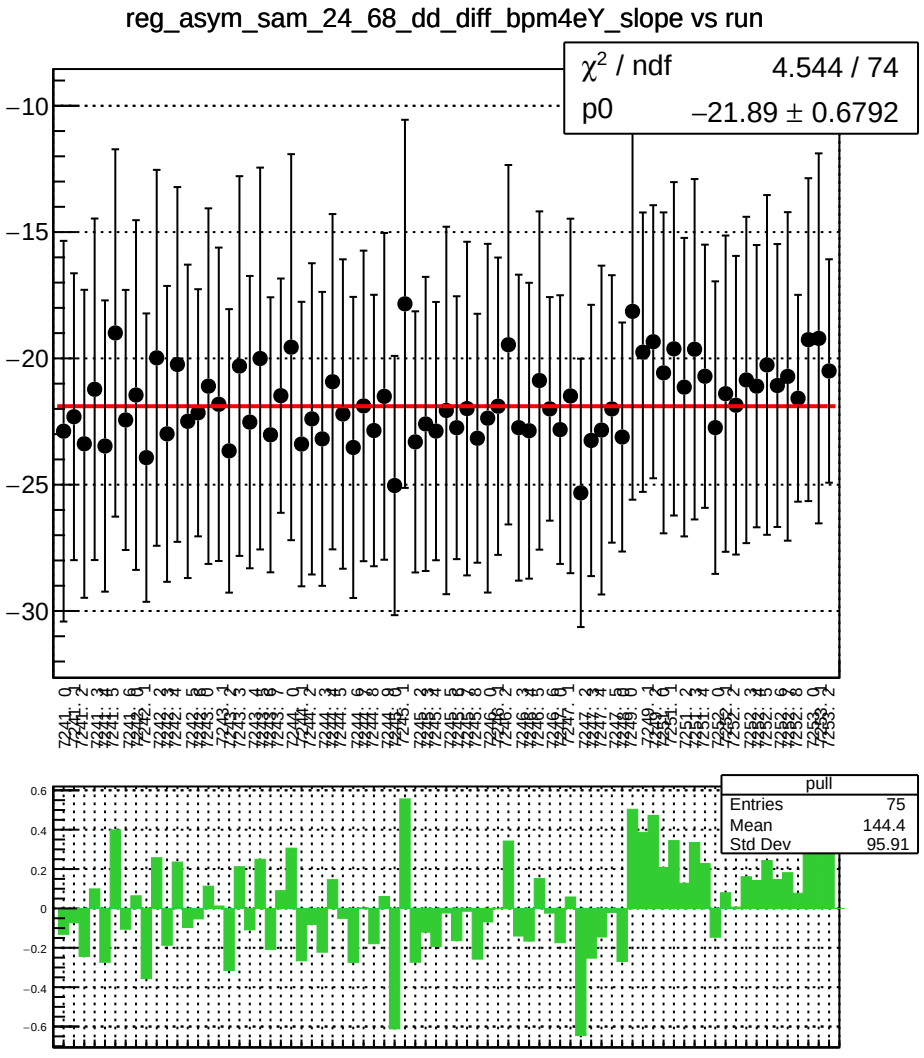

pull1D
Entries 75
Mean −0.00682
Std Dev 0.2744

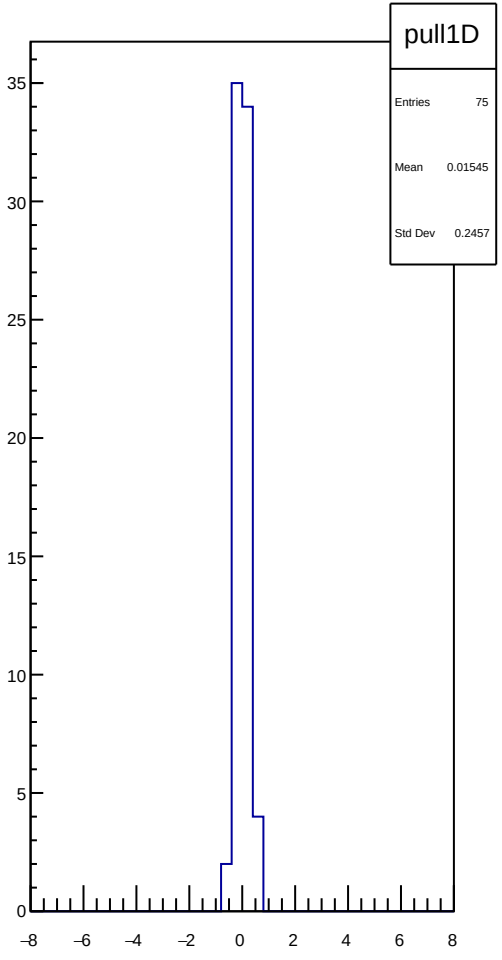

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs run
χ² / ndf 4.575 / 74
p0 −24.03 ± 0.8238
pull
Entries 75
Mean 3916
Std Dev 3875
pull1D
Entries 75
Mean −0.0009168
Std Dev 0.247

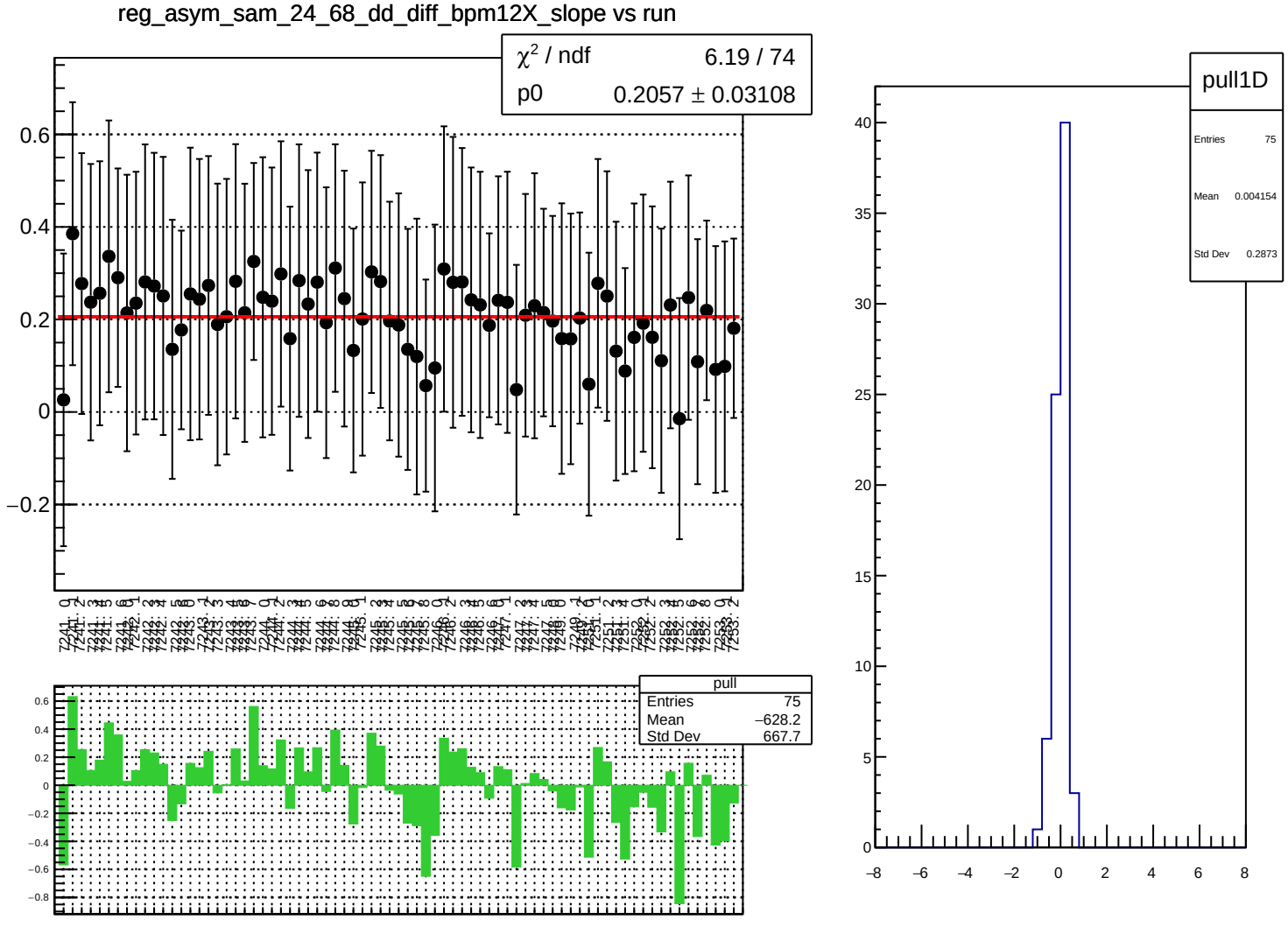

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs run
χ² / ndf 4.731 / 74
p0 −0.09545 ± 0.6306
pull
Entries 75
Mean 96.17
Std Dev 42.49

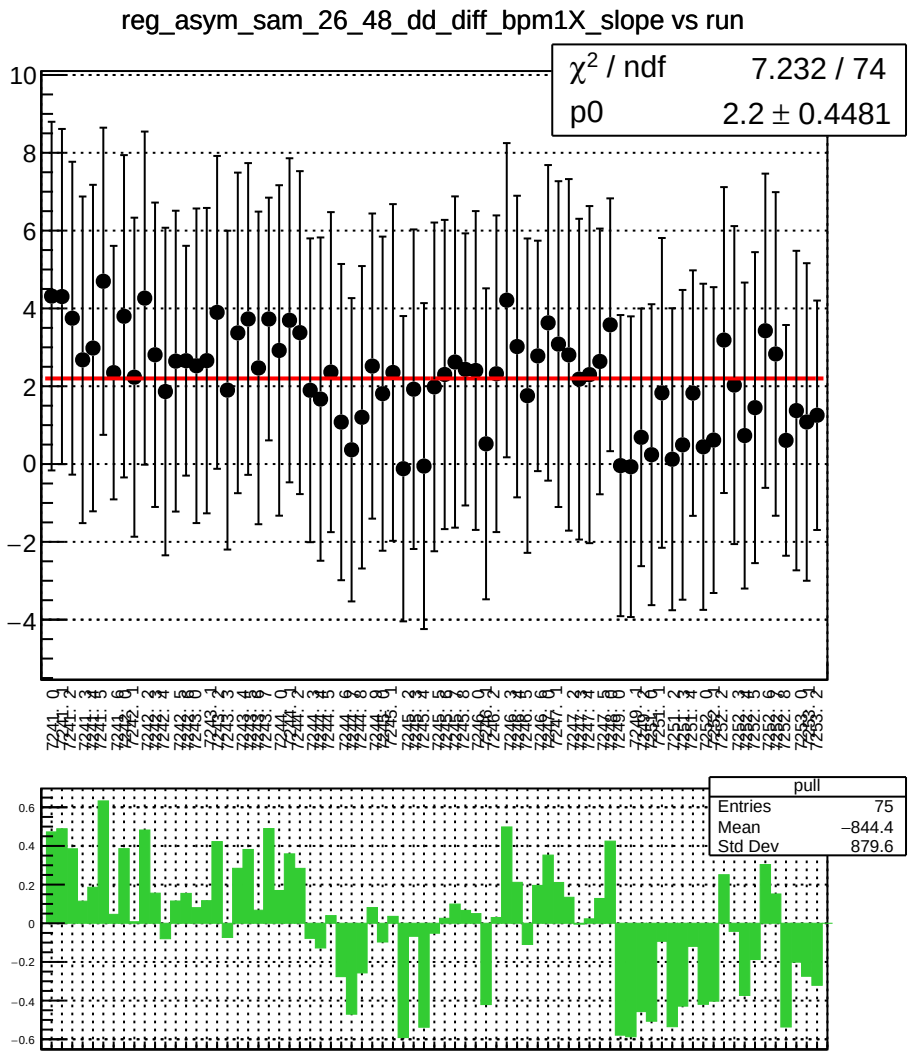

pull1D
Entries 75
Mean −0.02235
Std Dev 0.2502

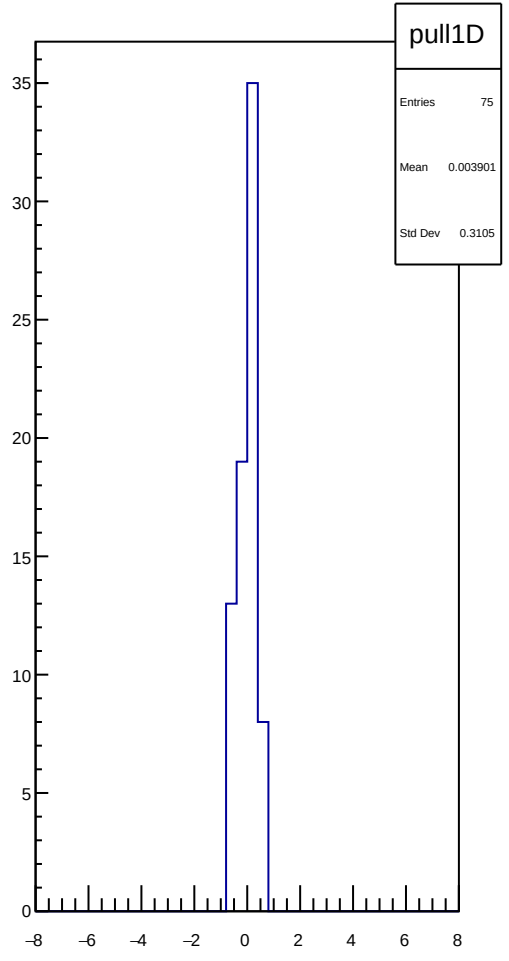

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs run
χ² / ndf 4.584 / 74
p0 −65.86 ± 0.8584
pull
Entries 75
Mean −1640
Std Dev 1680
pull1D
Entries 75
Mean −0.001964
Std Dev 0.2472

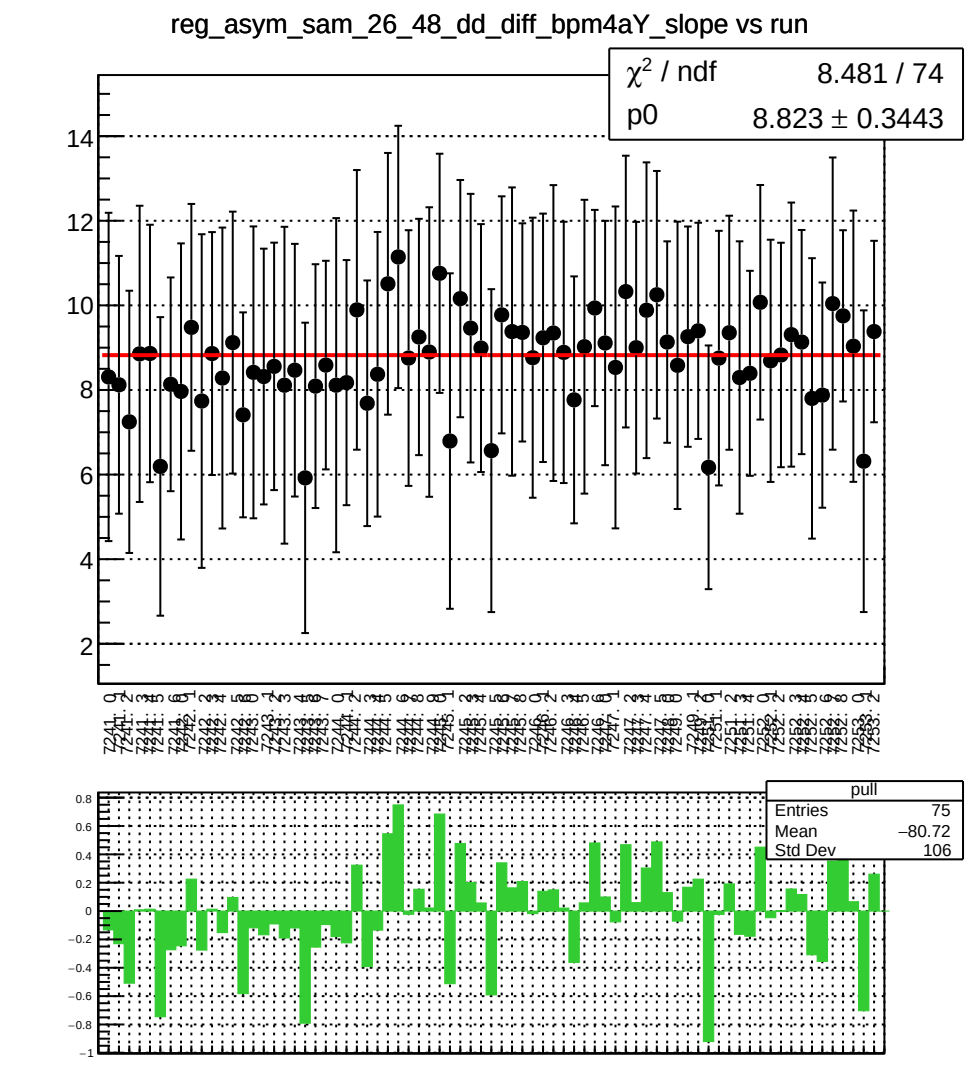

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs run
χ² / ndf 4.544 / 74
p0 −21.89 ± 0.6792
pull
Entries 75
Mean 144.4
Std Dev 95.91

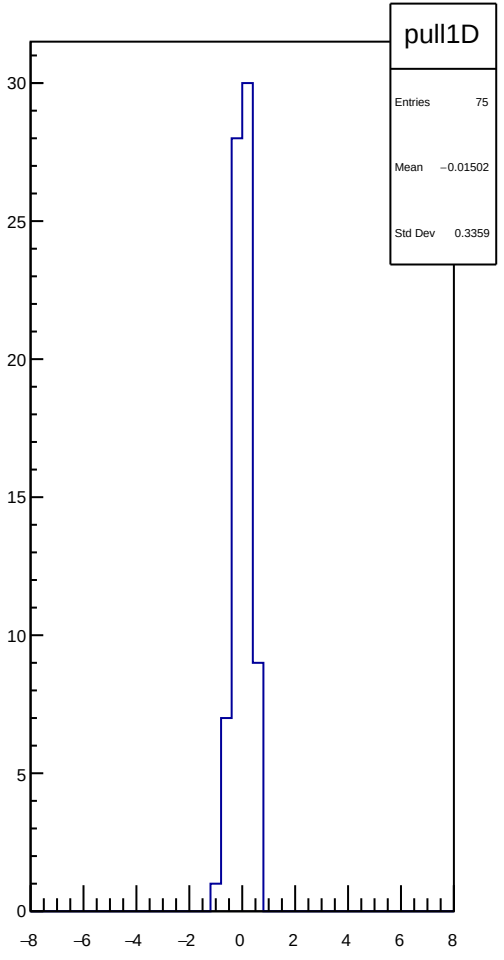

pull1D
Entries 75
Mean 0.01545
Std Dev 0.2457

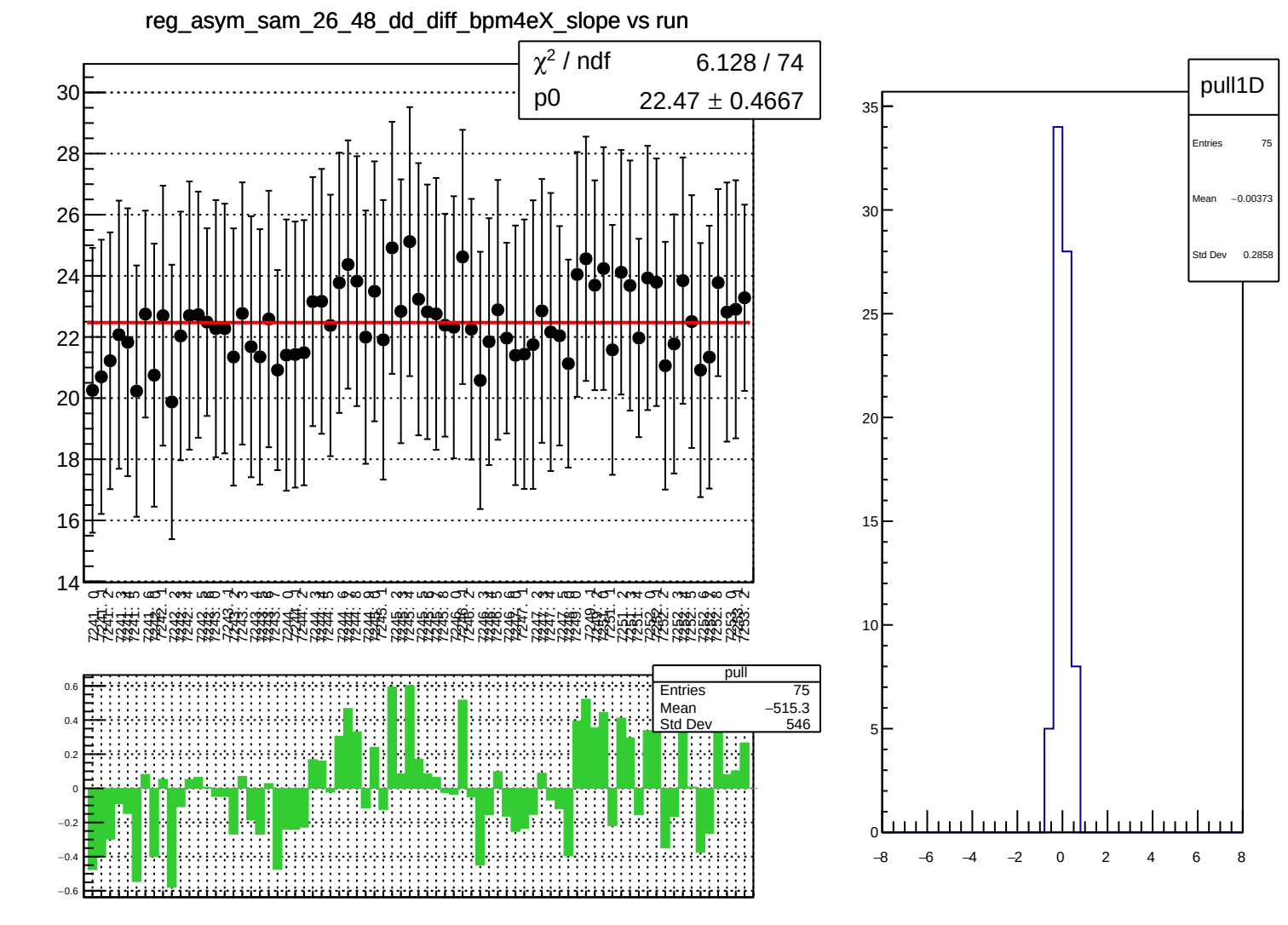

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs run
χ² / ndf 6.19 / 74
p0 0.2057 ± 0.03108
pull
Entries 75
Mean −628.2
Std Dev 667.7
pull1D
Entries 75
Mean 0.004154
Std Dev 0.2873

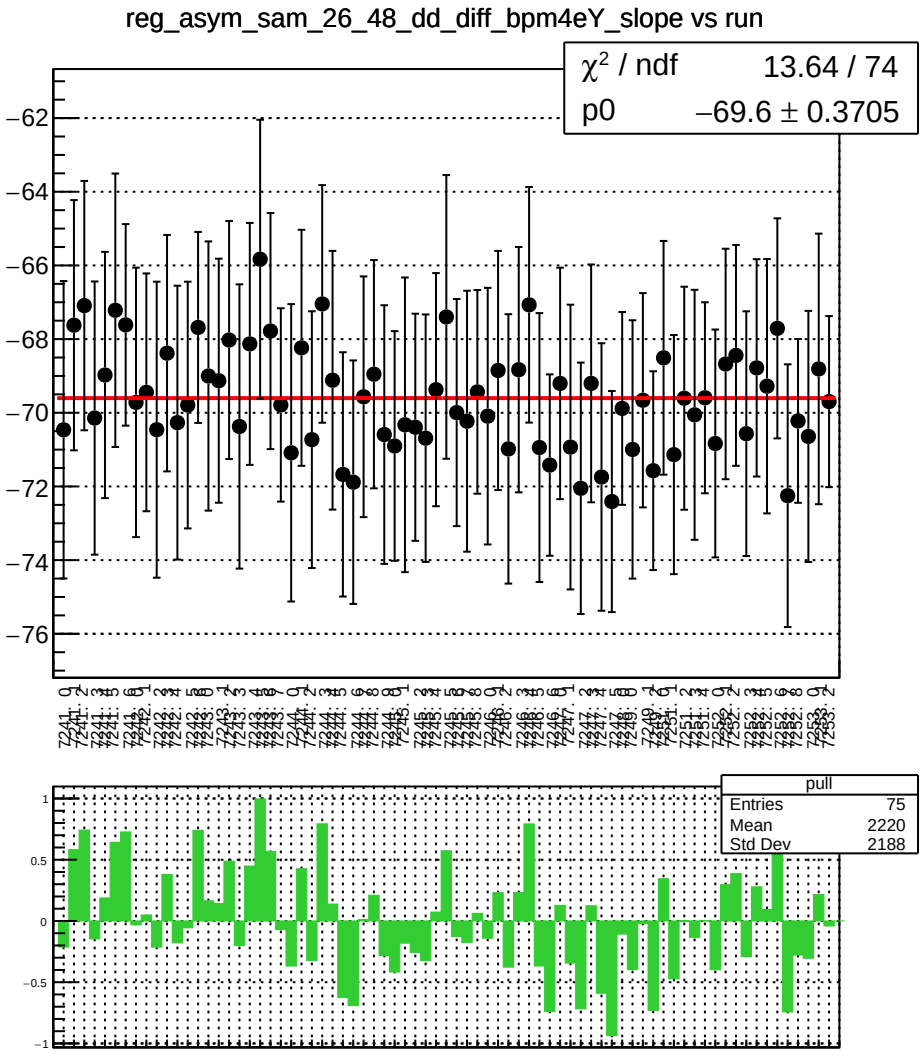

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs run
χ² / ndf 7.232 / 74
p0 2.2 ± 0.4481
pull
Entries 75
Mean −844.4
Std Dev 879.6

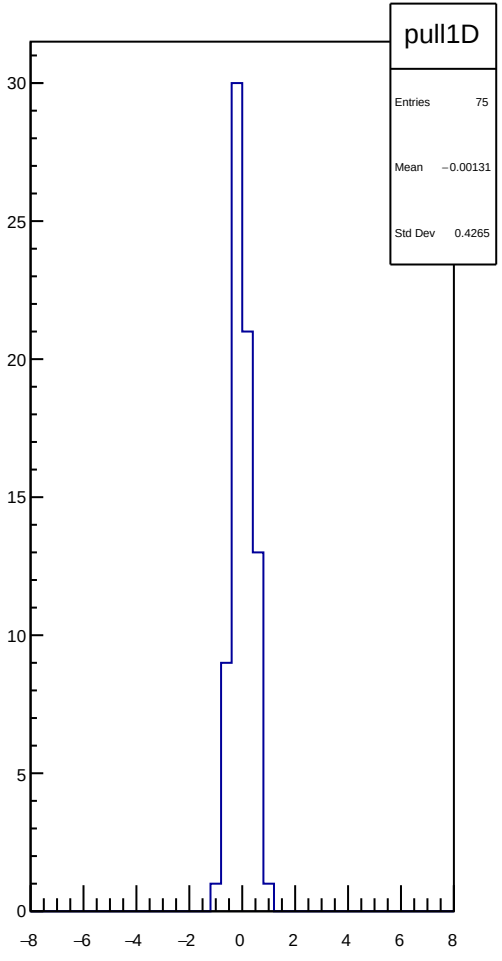

pull1D
Entries 75
Mean 0.003901
Std Dev 0.3105

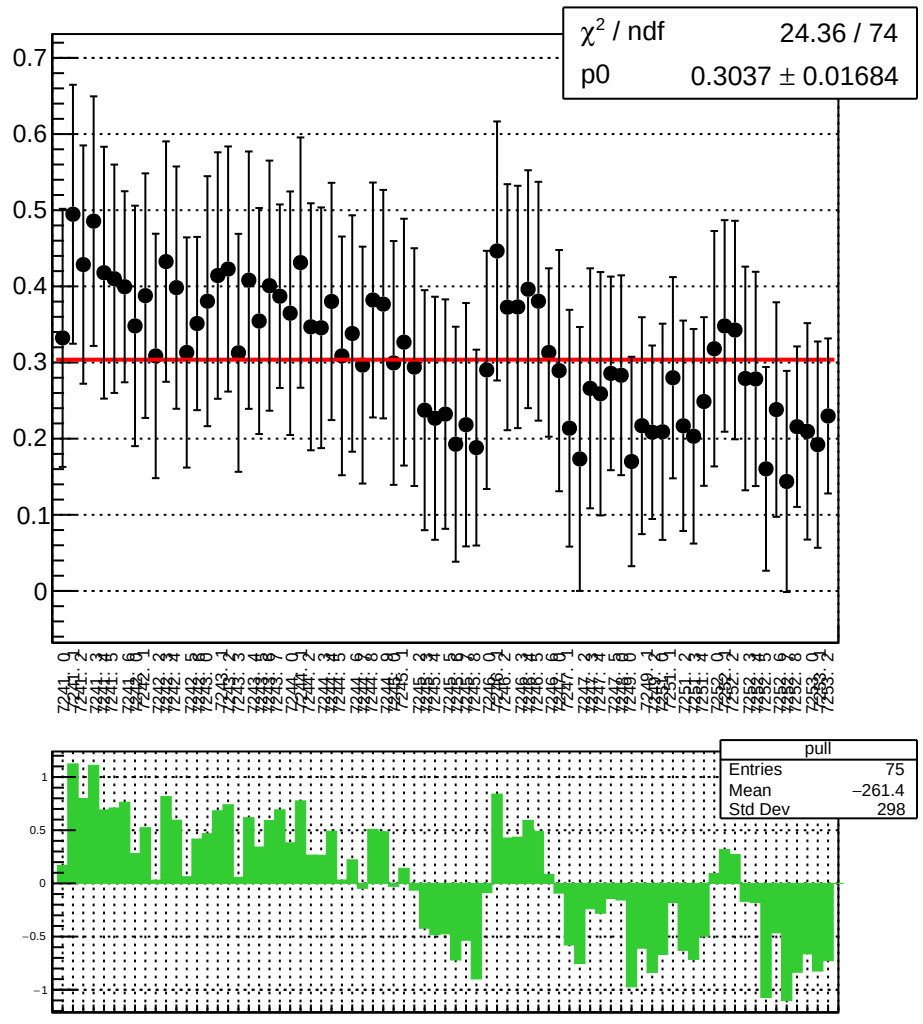

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 8.481 / 74
p0 8.823 ± 0.3443
pull
Entries 75
Mean −80.72
Std Dev 106

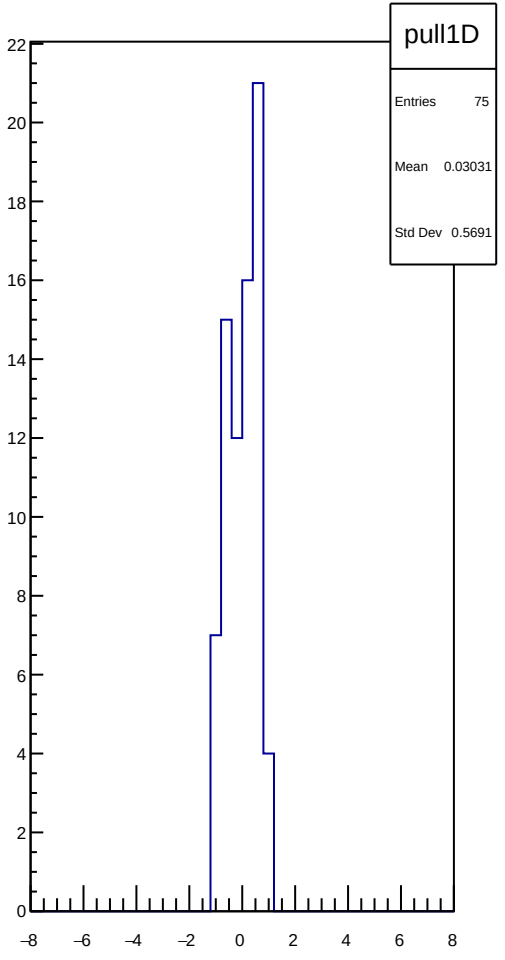

pull1D
Entries 75
Mean −0.01502
Std Dev 0.3359

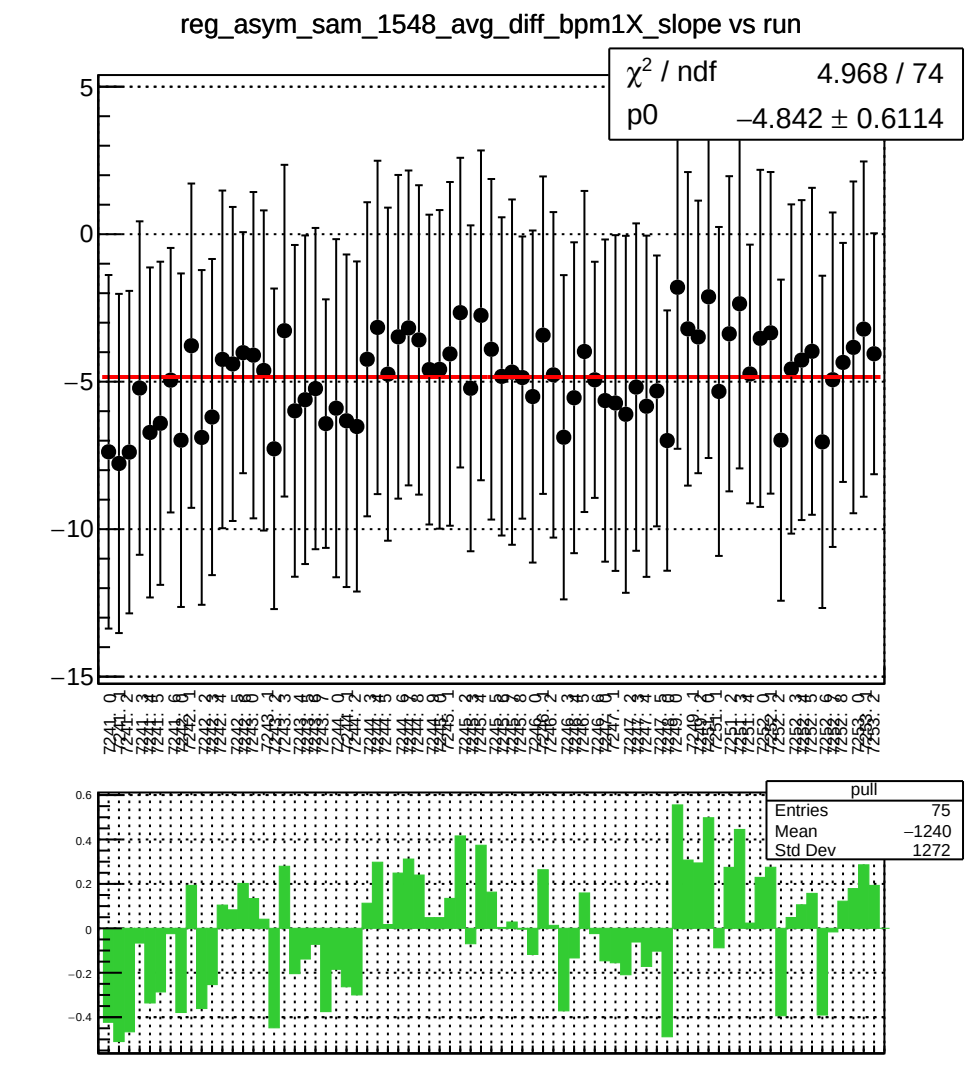

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 6.128 / 74
p0 22.47 ± 0.4667
pull
Entries 75
Mean −515.3
Std Dev 546
pull1D
Entries 75
Mean −0.00373
Std Dev 0.2858

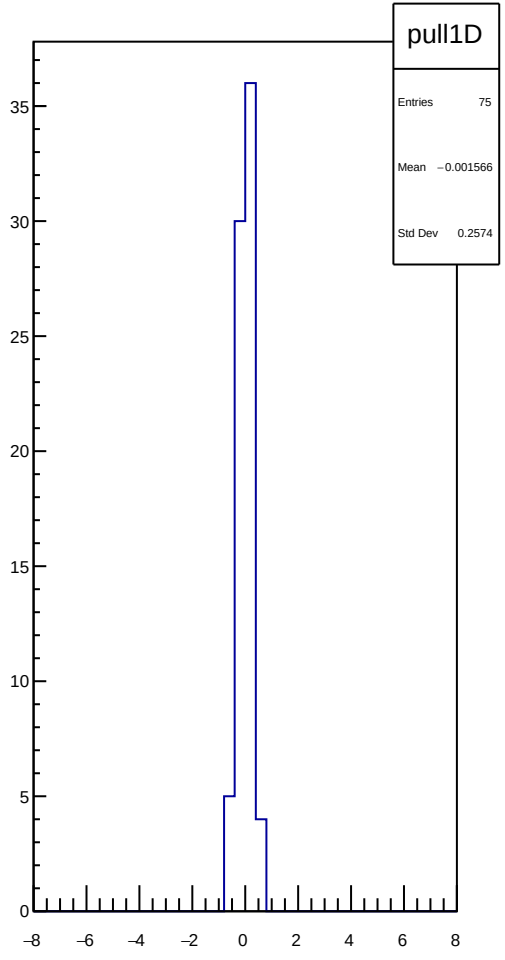

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 13.64 / 74
p0 −69.6 ± 0.3705
pull
Entries 75
Mean 2220
Std Dev 2188

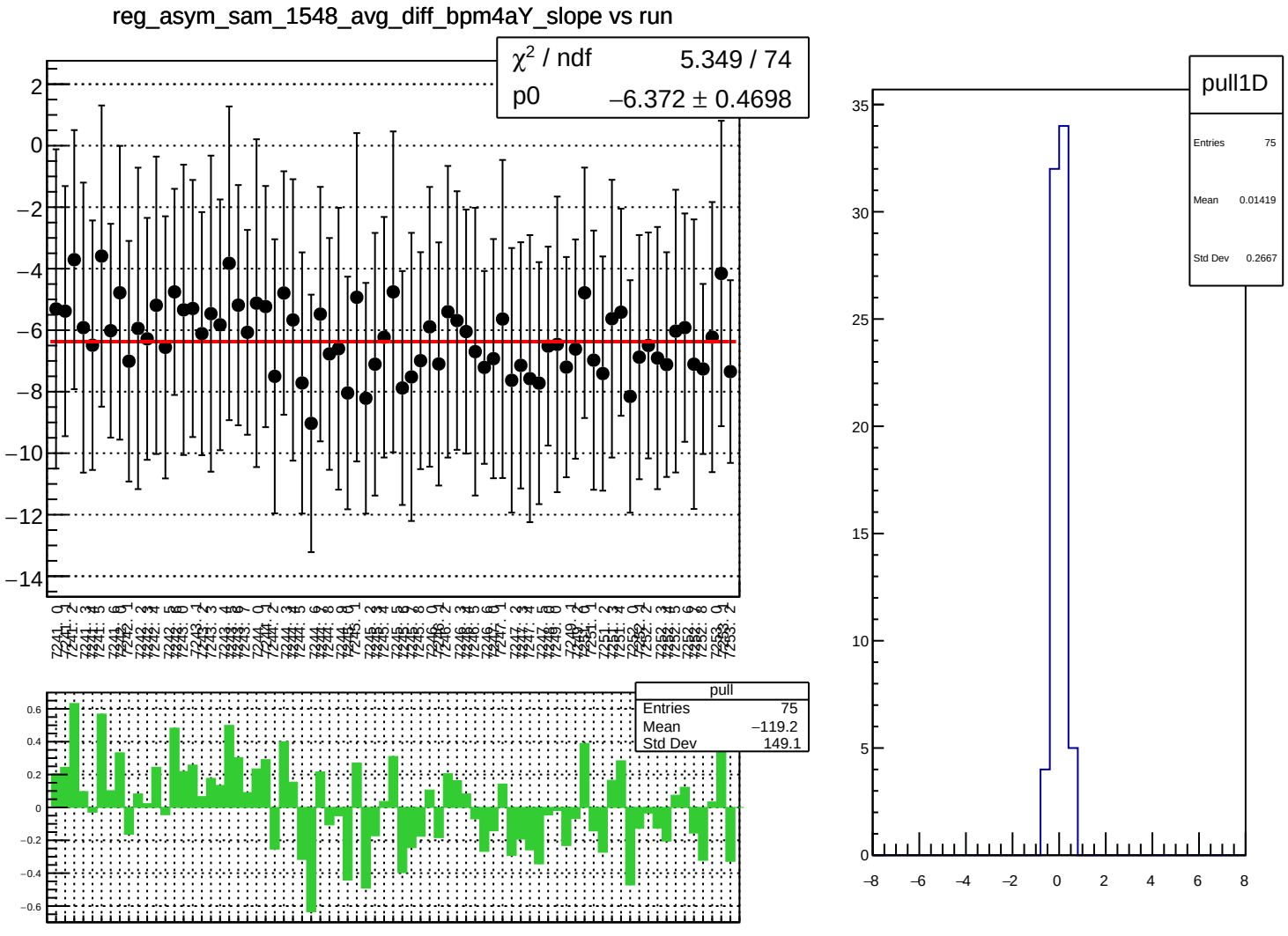

pull1D
Entries 75
Mean −0.00131
Std Dev 0.4265

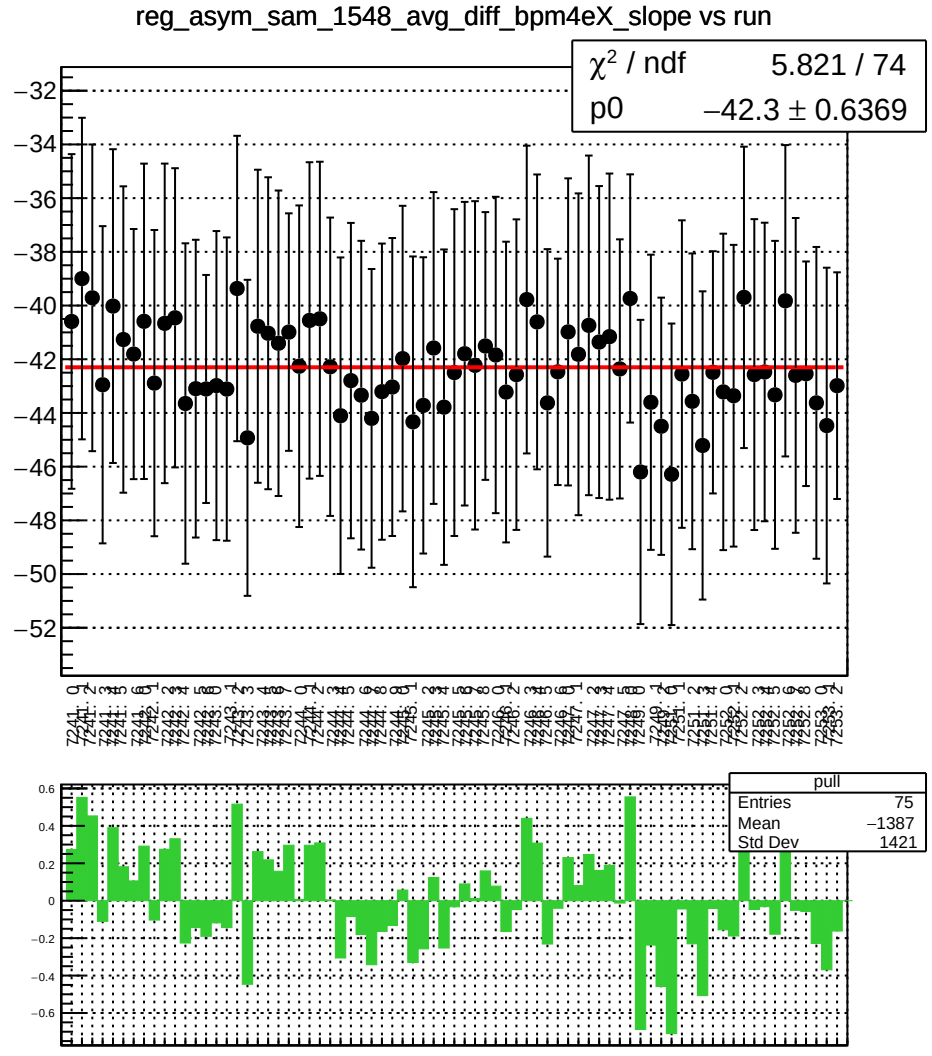

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs run
χ² / ndf 24.36 / 74
p0 0.3037 ± 0.01684
pull
Entries 75
Mean −261.4
Std Dev 298

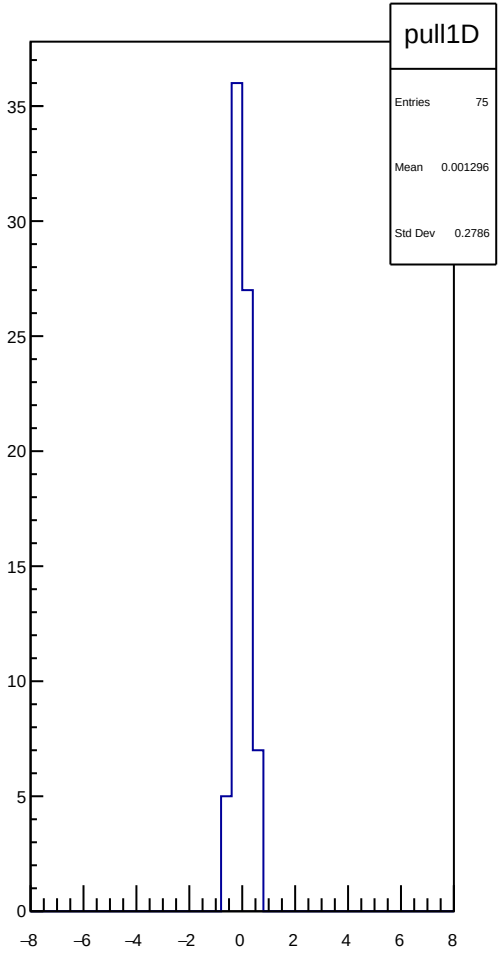

pull1D
Entries 75
Mean 0.03031
Std Dev 0.5691

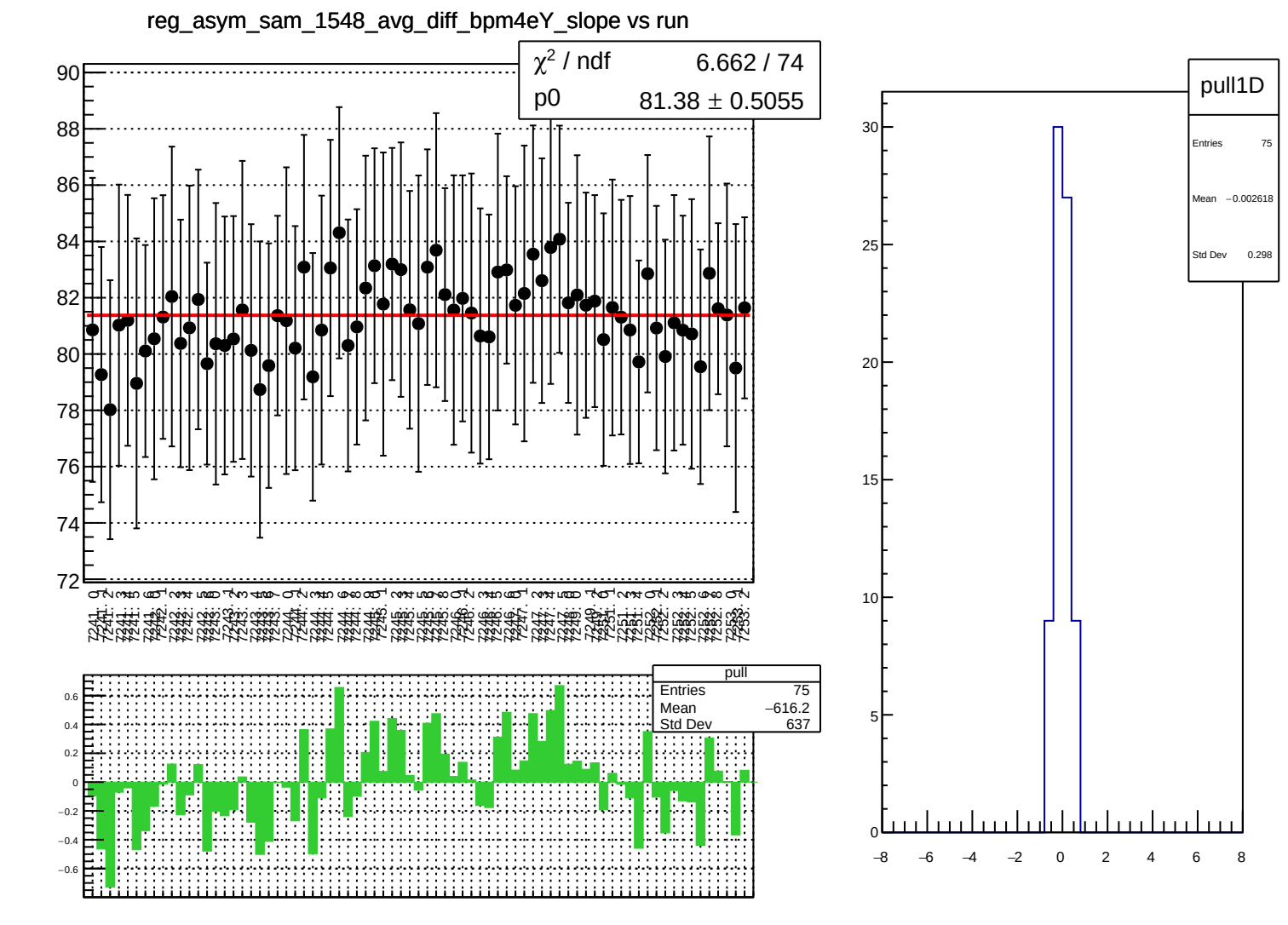

reg_asym_sam_1548_avg_diff_bpm1X_slope vs run
χ² / ndf 4.968 / 74
p0 −4.842 ± 0.6114
pull
Entries 75
Mean −1240
Std Dev 1272

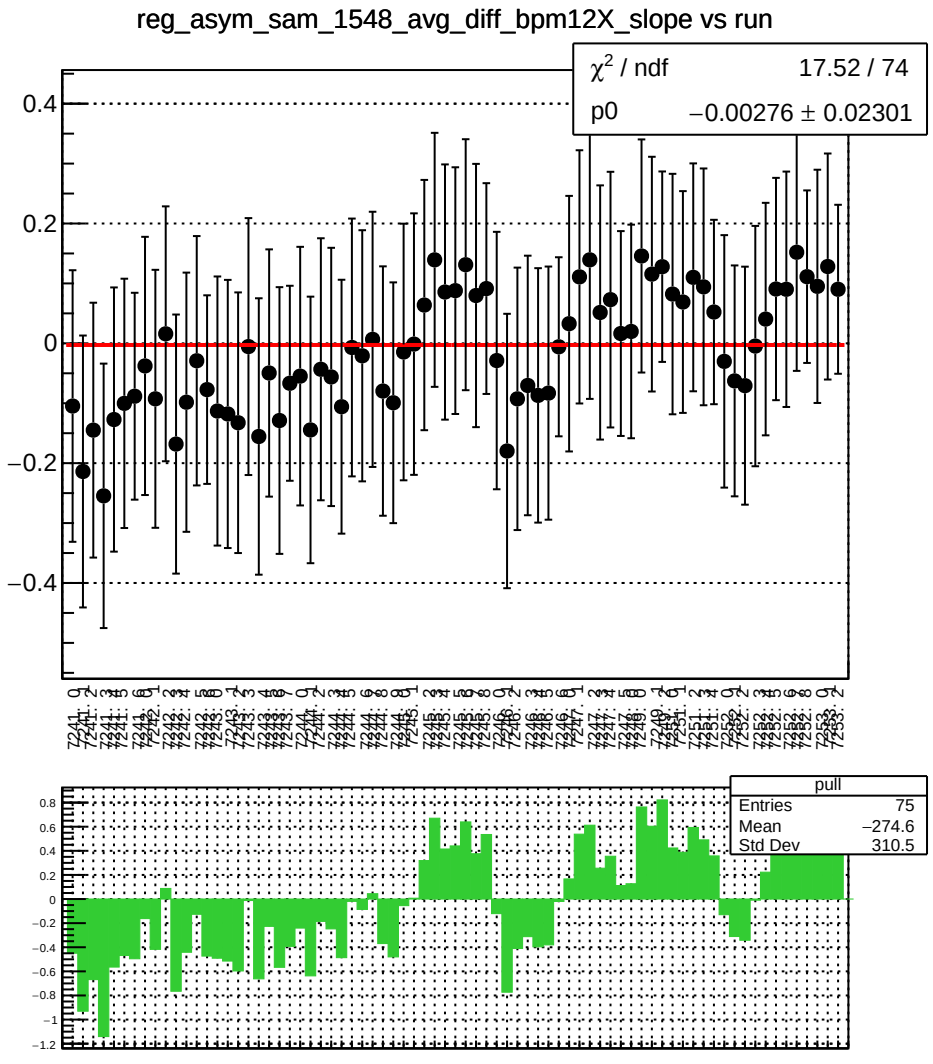

pull1D
Entries 75
Mean −0.001566
Std Dev 0.2574

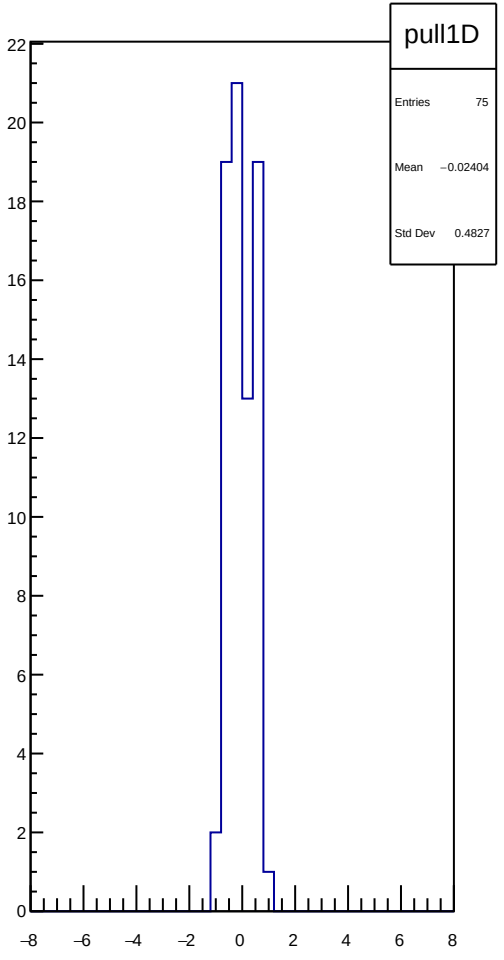

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs run
χ² / ndf 5.349 / 74
p0 −6.372 ± 0.4698
pull
Entries 75
Mean −119.2
Std Dev 149.1
pull1D
Entries 75
Mean 0.01419
Std Dev 0.2667

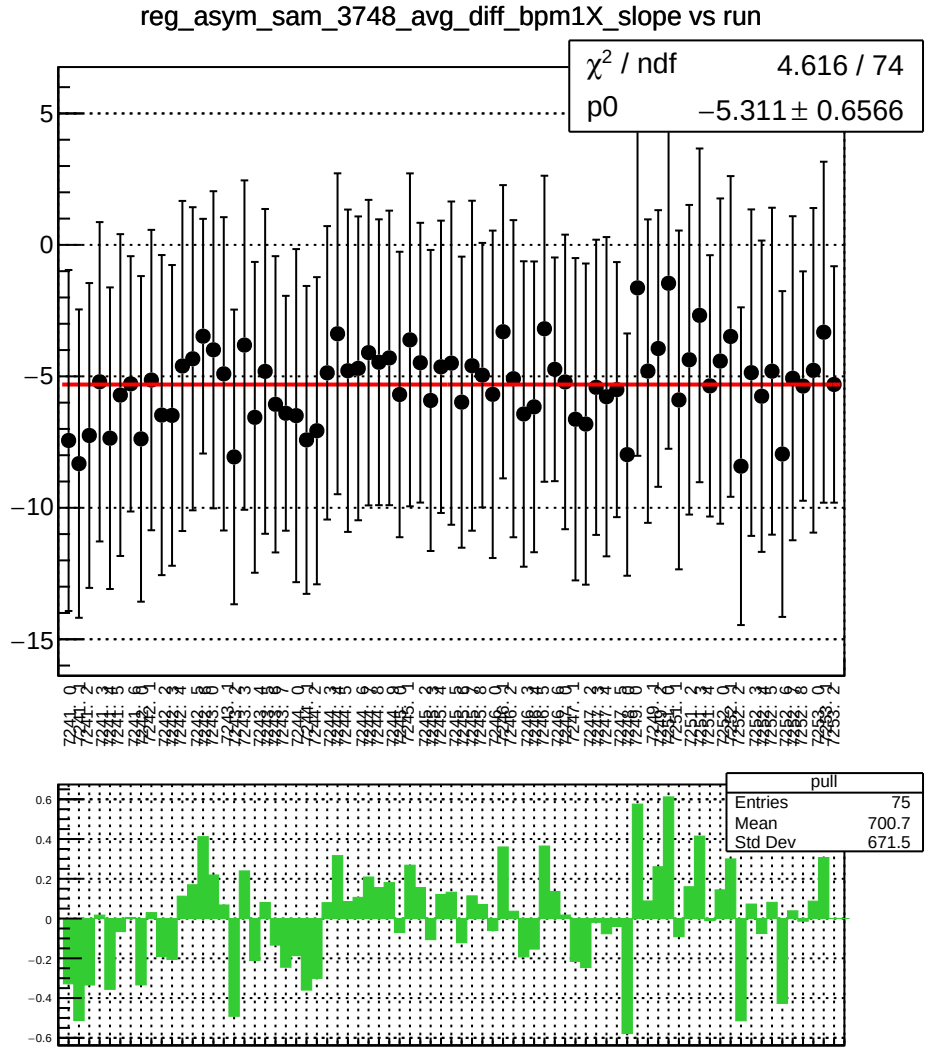

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs run
χ² / ndf 5.821 / 74
p0 −42.3 ± 0.6369
pull
Entries 75
Mean −1387
Std Dev 1421

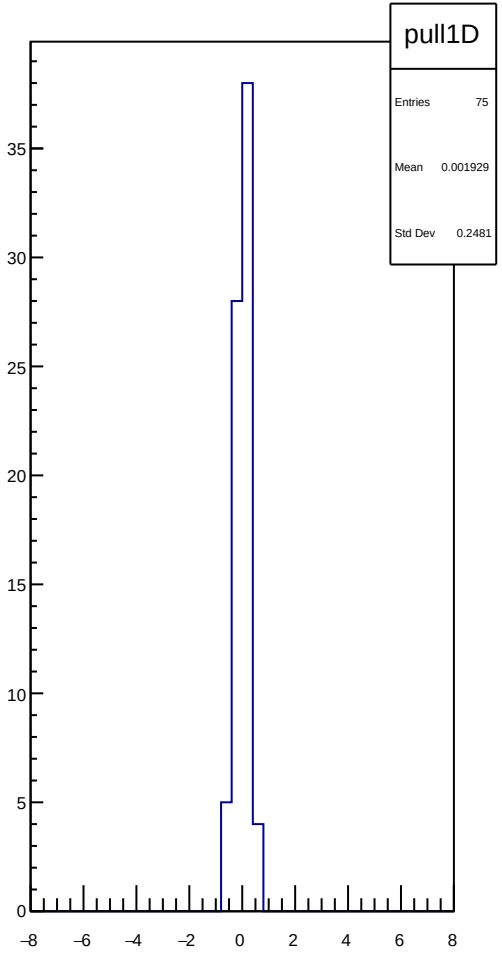

pull1D
Entries 75
Mean 0.001296
Std Dev 0.2786

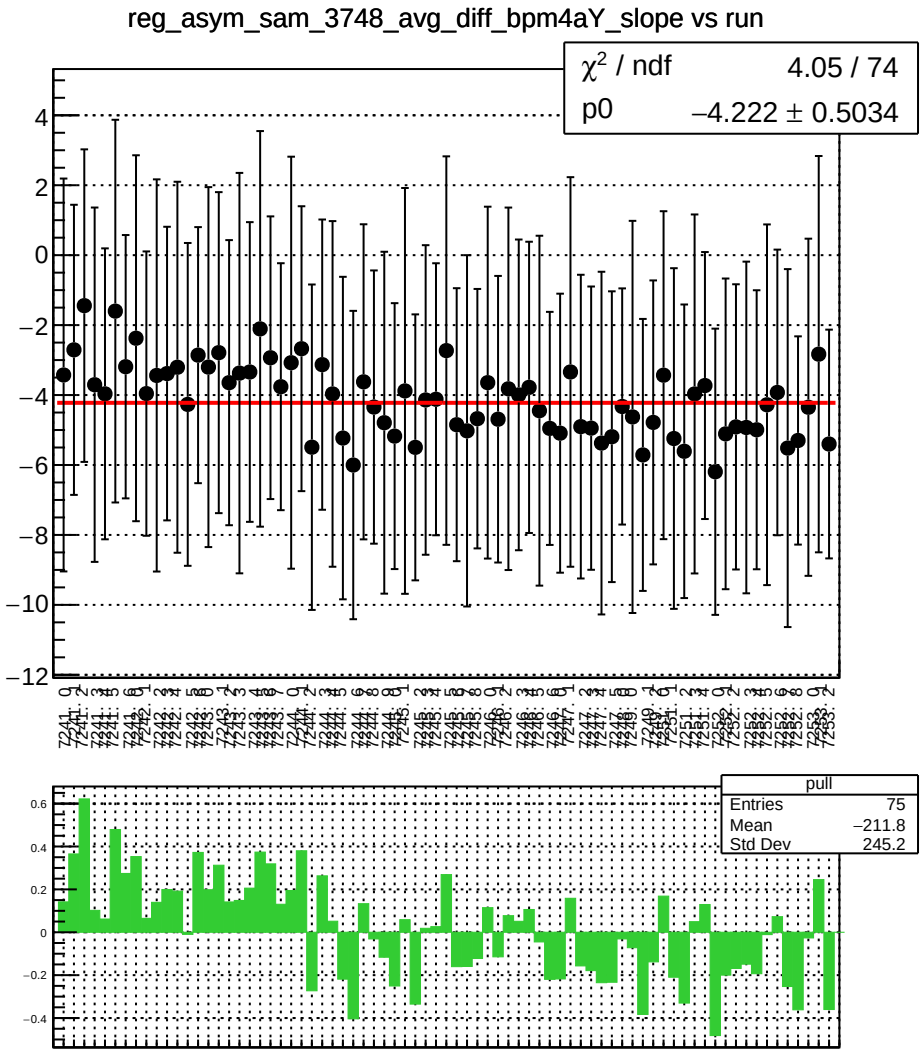

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.662 / 74
p0 81.38 ± 0.5055
pull
Entries 75
Mean −616.2
Std Dev 637
pull1D
Entries 75
Mean −0.002618
Std Dev 0.298

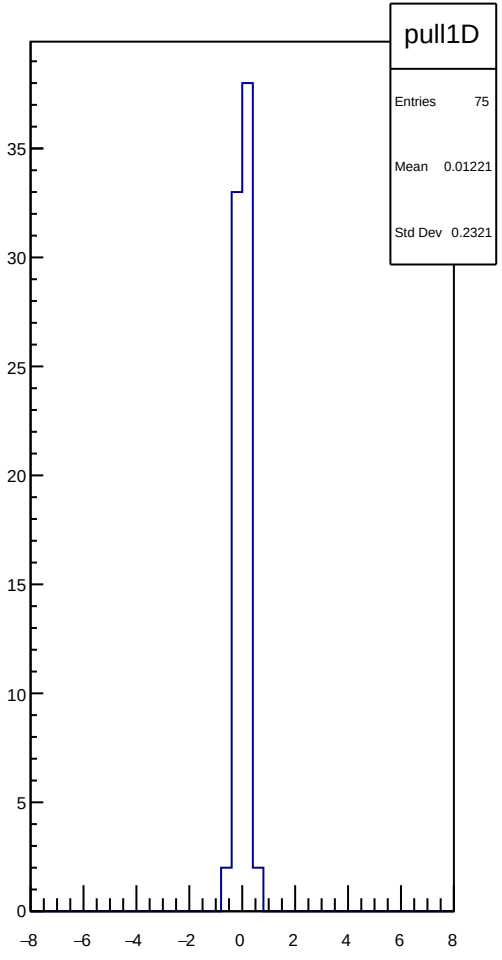

reg_asym_sam_1548_avg_diff_bpm12X_slope vs run
χ² / ndf 17.52 / 74
p0 −0.00276 ± 0.02301
pull
Entries 75
Mean −274.6
Std Dev 310.5

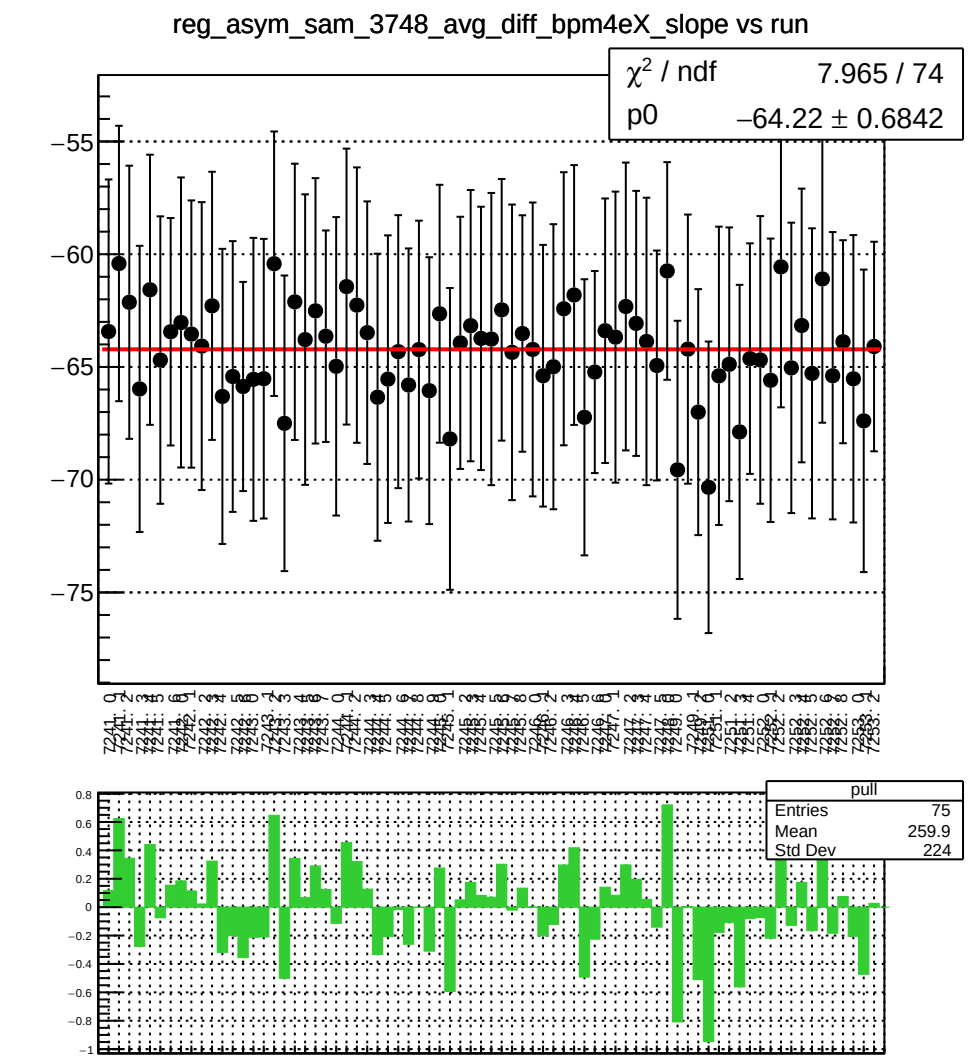

pull1D
Entries 75
Mean −0.02404
Std Dev 0.4827

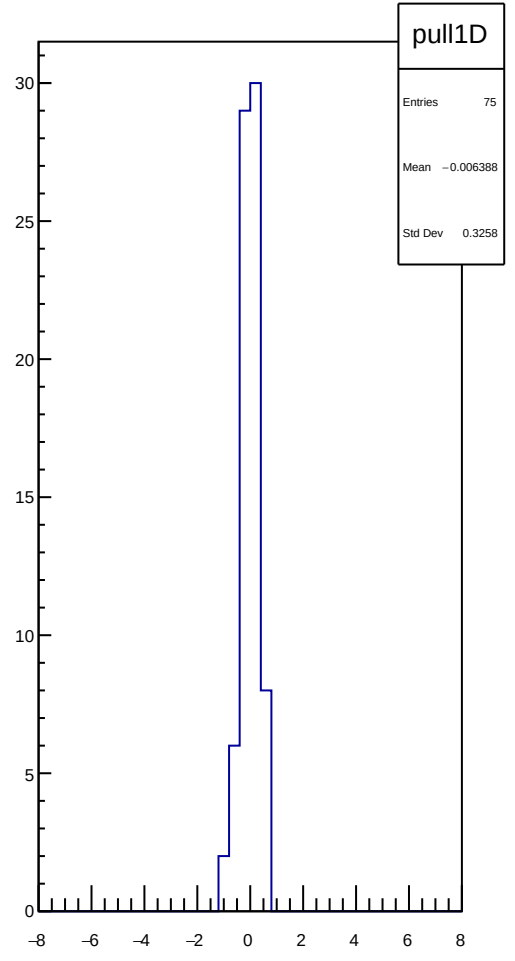

reg_asym_sam_3748_avg_diff_bpm1X_slope vs run
χ² / ndf 4.616 / 74
p0 −5.311 ± 0.6566
pull
Entries 75
Mean 700.7
Std Dev 671.5

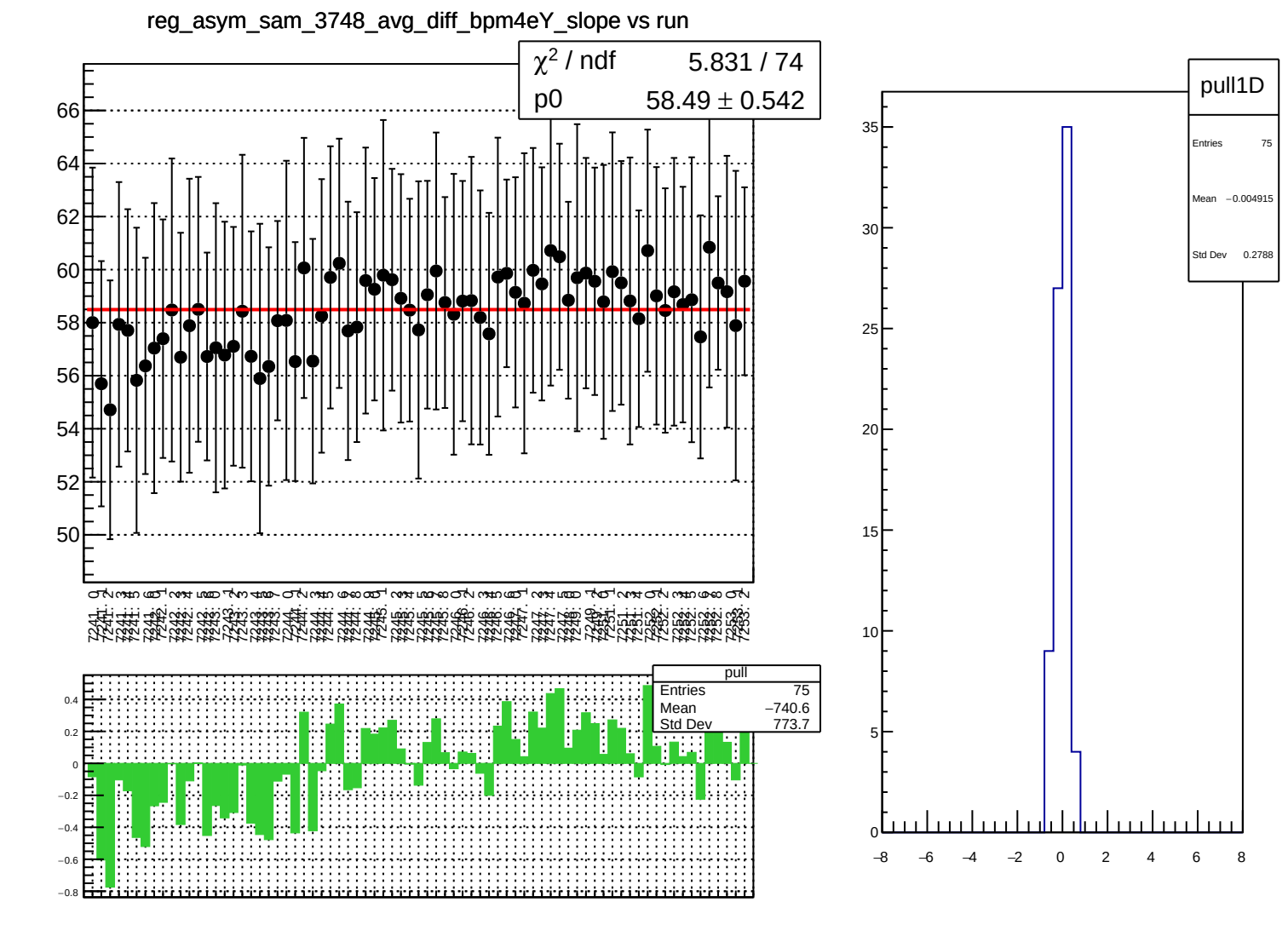

pull1D
Entries 75
Mean 0.001929
Std Dev 0.2481

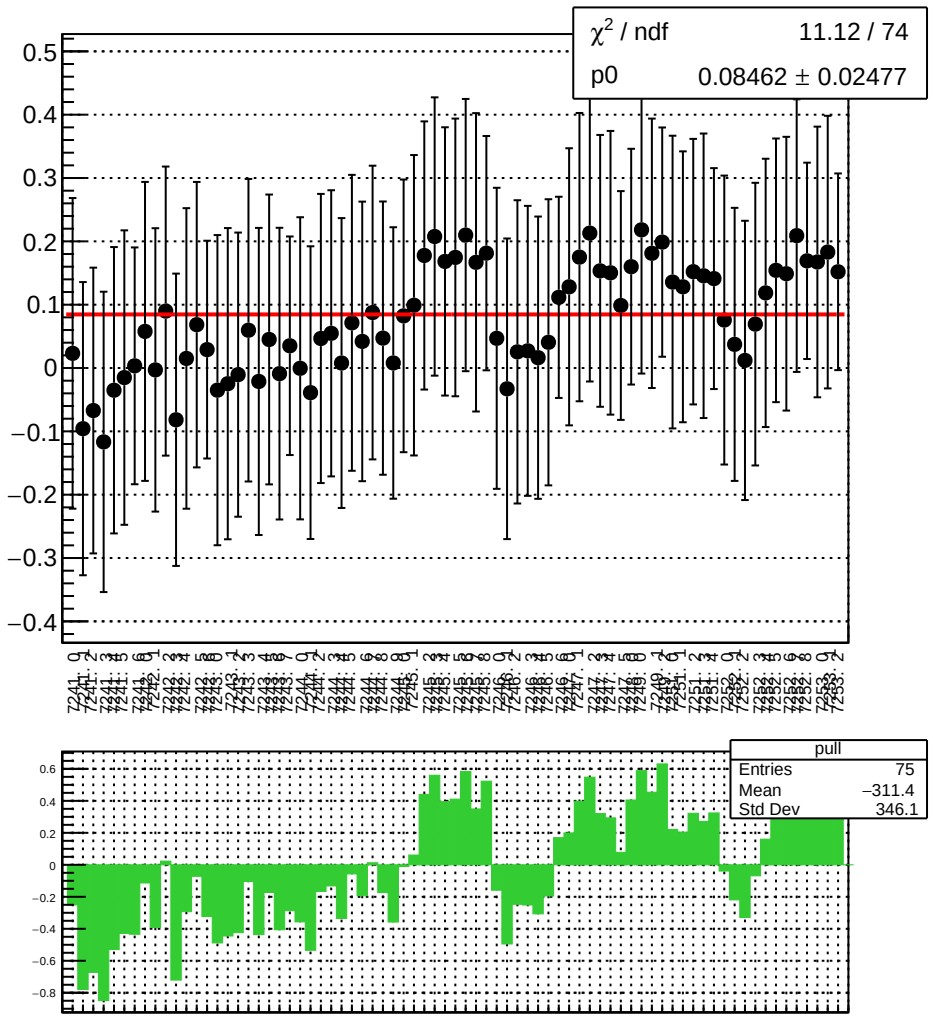

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs run
χ² / ndf 4.05 / 74
p0 −4.222 ± 0.5034
pull
Entries 75
Mean −211.8
Std Dev 245.2

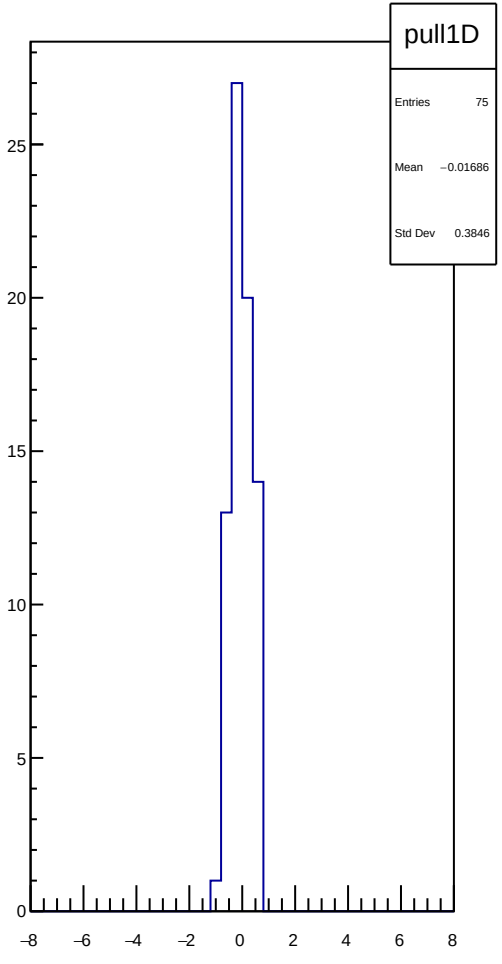

pull1D
Entries 75
Mean 0.01221
Std Dev 0.2321

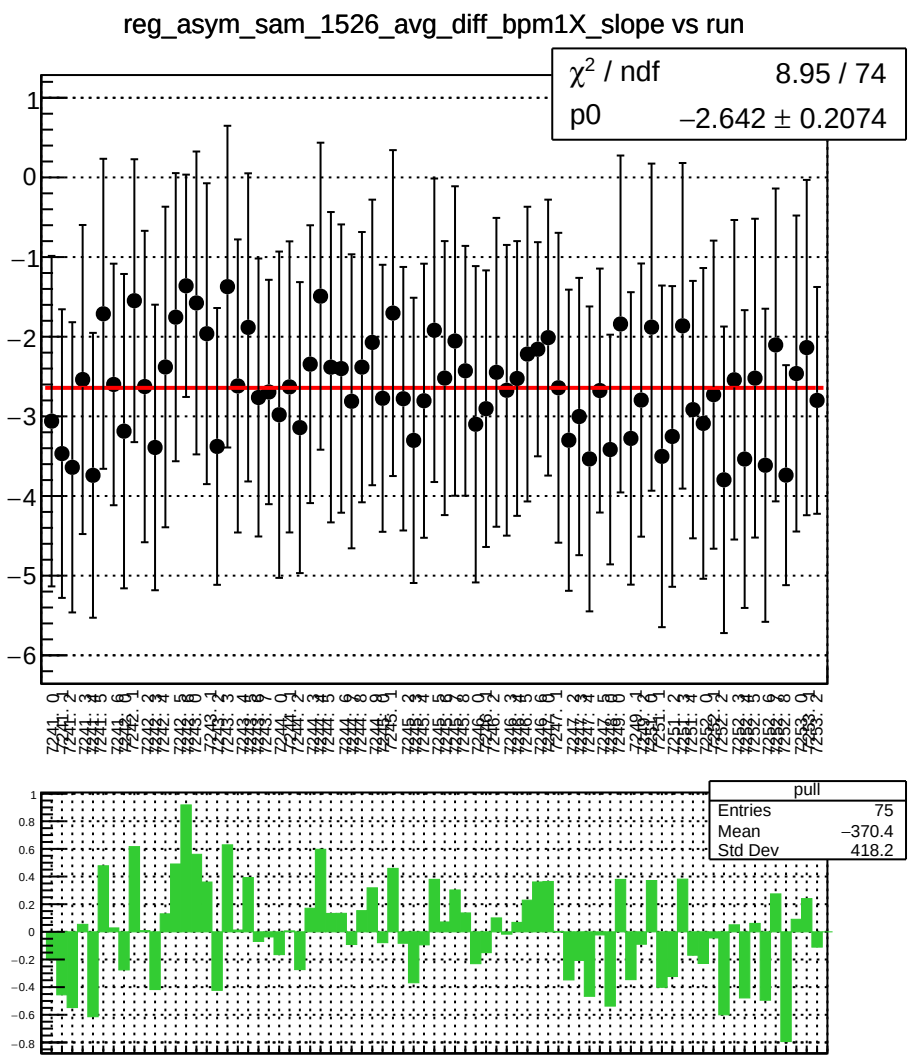

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs run
χ² / ndf 7.965 / 74
p0 −64.22 ± 0.6842
−55
−60
−65
−70
−75
pull
Entries 75
Mean 259.9
Std Dev 224
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1

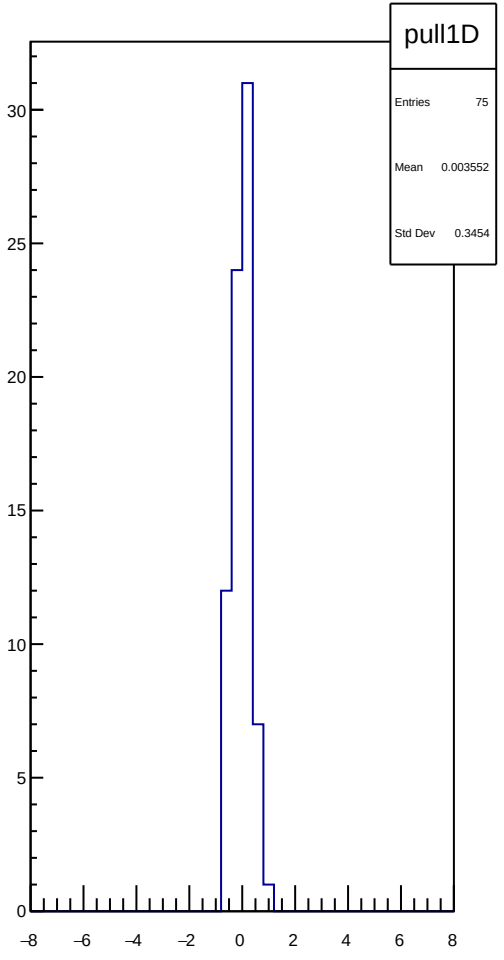

pull1D
Entries 75
Mean −0.006388
Std Dev 0.3258
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

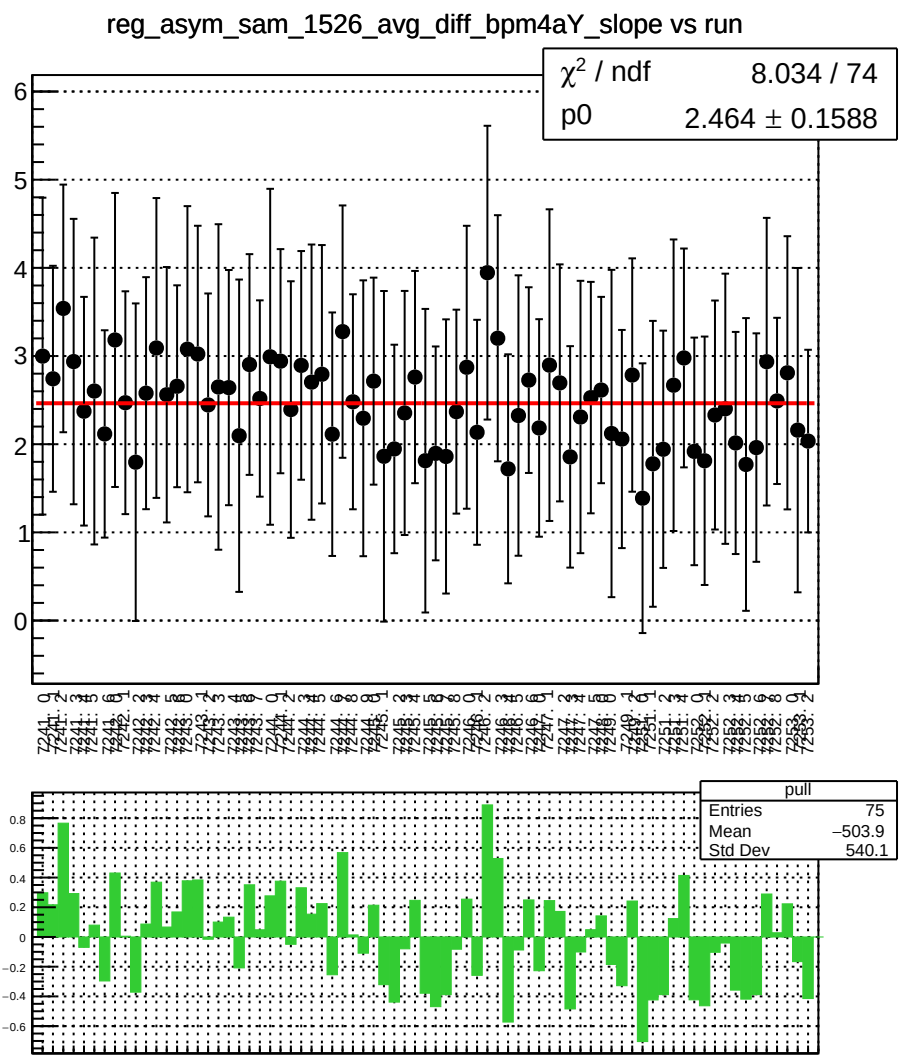

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs run
χ² / ndf 5.831 / 74
p0 58.49 ± 0.542
pull
Entries 75
Mean −740.6
Std Dev 773.7
pull1D
Entries 75
Mean −0.004915
Std Dev 0.2788

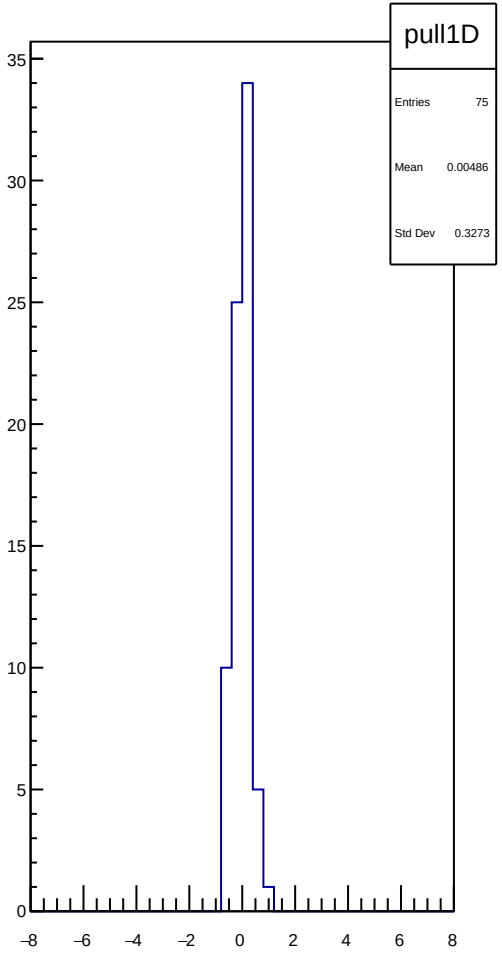

reg_asym_sam_3748_avg_diff_bpm12X_slope vs run
χ² / ndf 11.12 / 74
p0 0.08462 ± 0.02477
pull
Entries 75
Mean −311.4
Std Dev 346.1

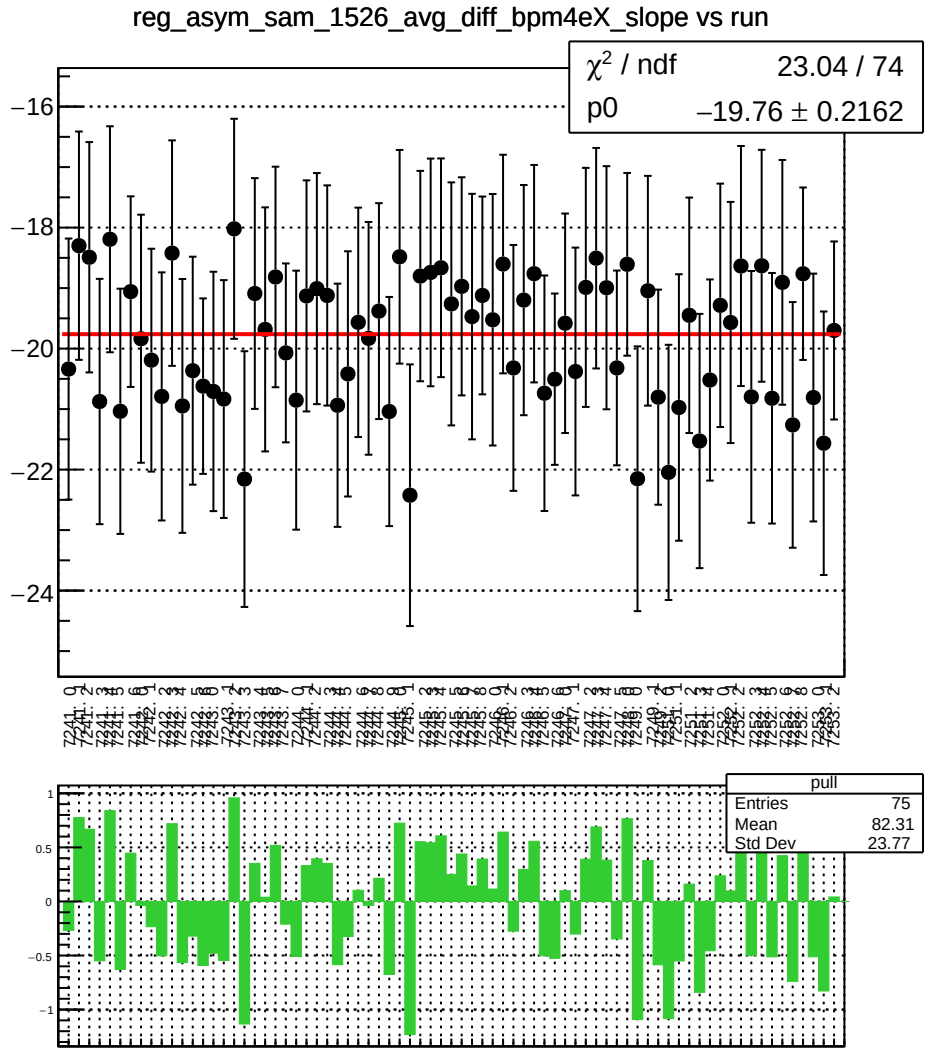

pull1D
Entries 75
Mean −0.01686
Std Dev 0.3846

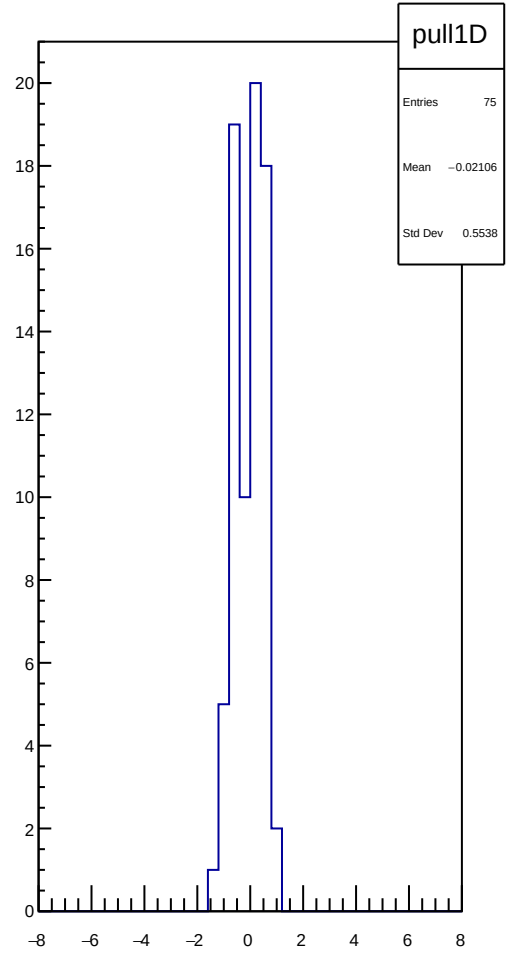

reg_asym_sam_1526_avg_diff_bpm1X_slope vs run
χ² / ndf 8.95 / 74
p0 −2.642 ± 0.2074
pull
Entries 75
Mean −370.4
Std Dev 418.2

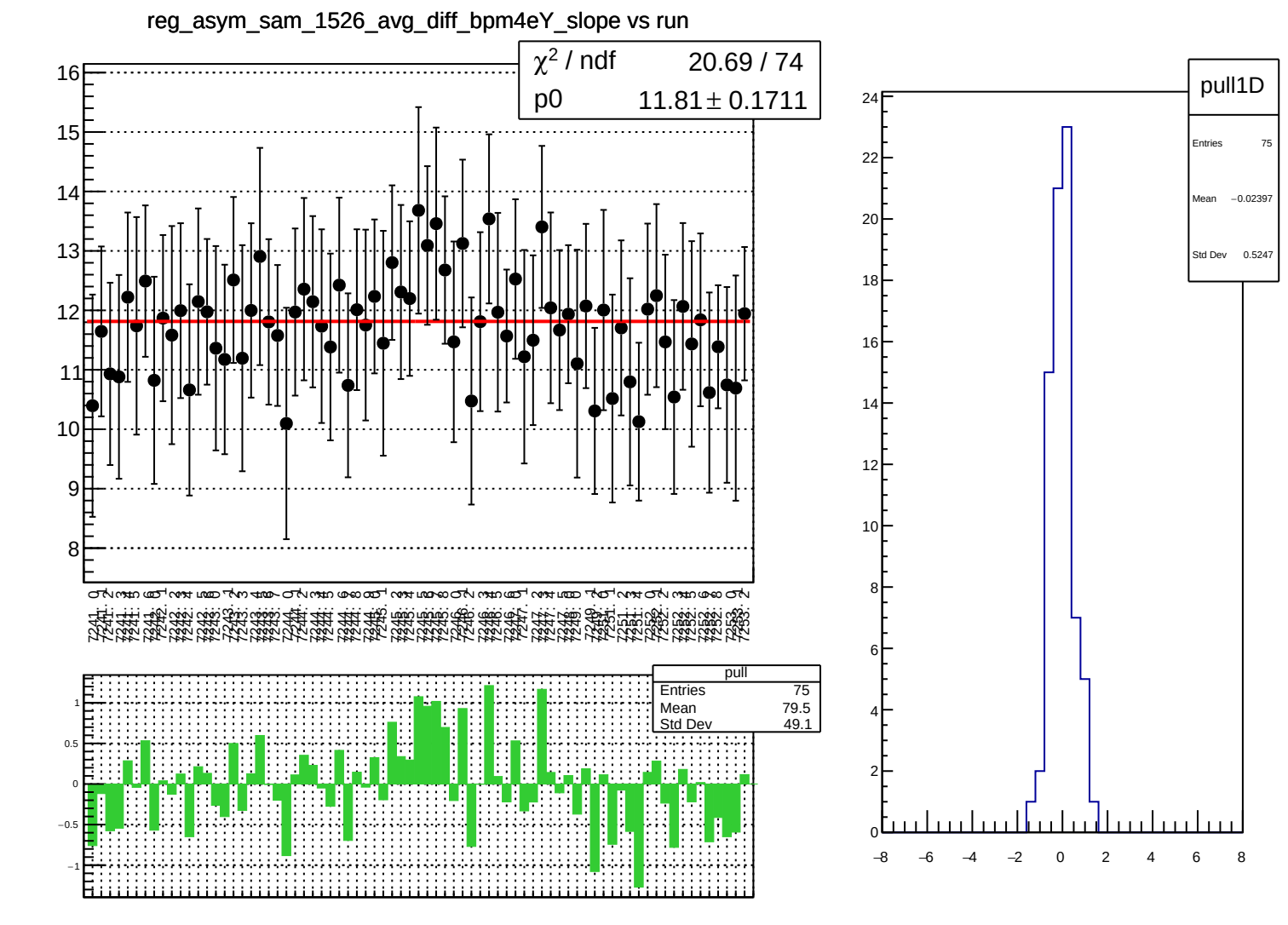

pull1D
Entries 75
Mean 0.003552
Std Dev 0.3454

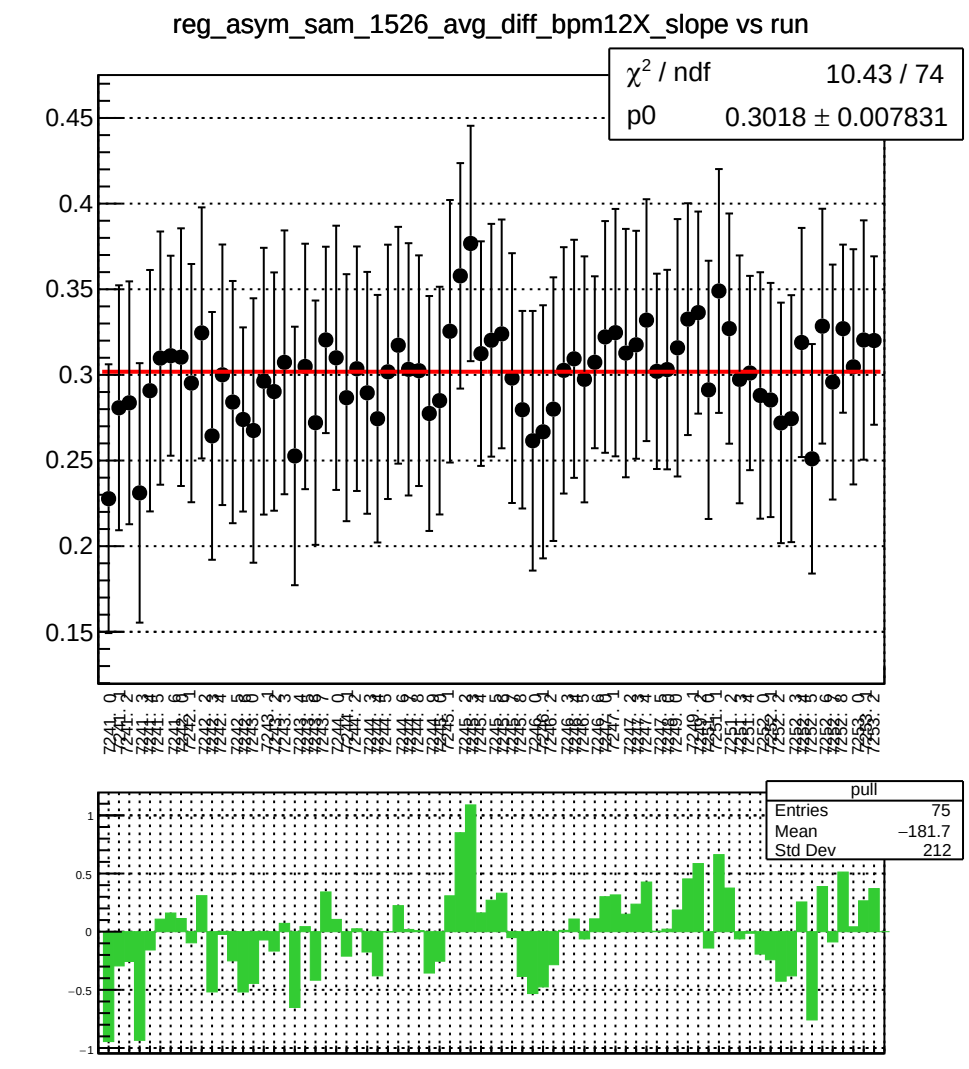

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs run
χ² / ndf 8.034 / 74
p0 2.464 ± 0.1588
pull
Entries 75
Mean −503.9
Std Dev 540.1

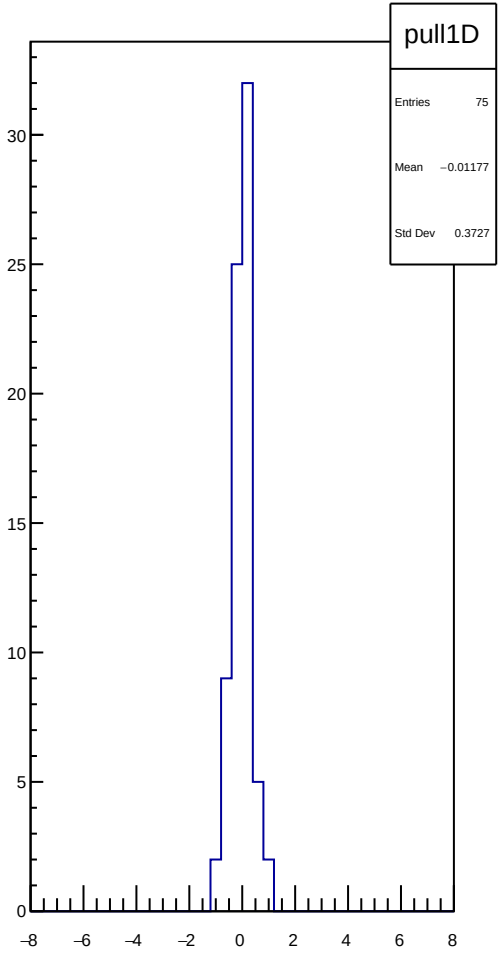

pull1D
Entries 75
Mean 0.00486
Std Dev 0.3273

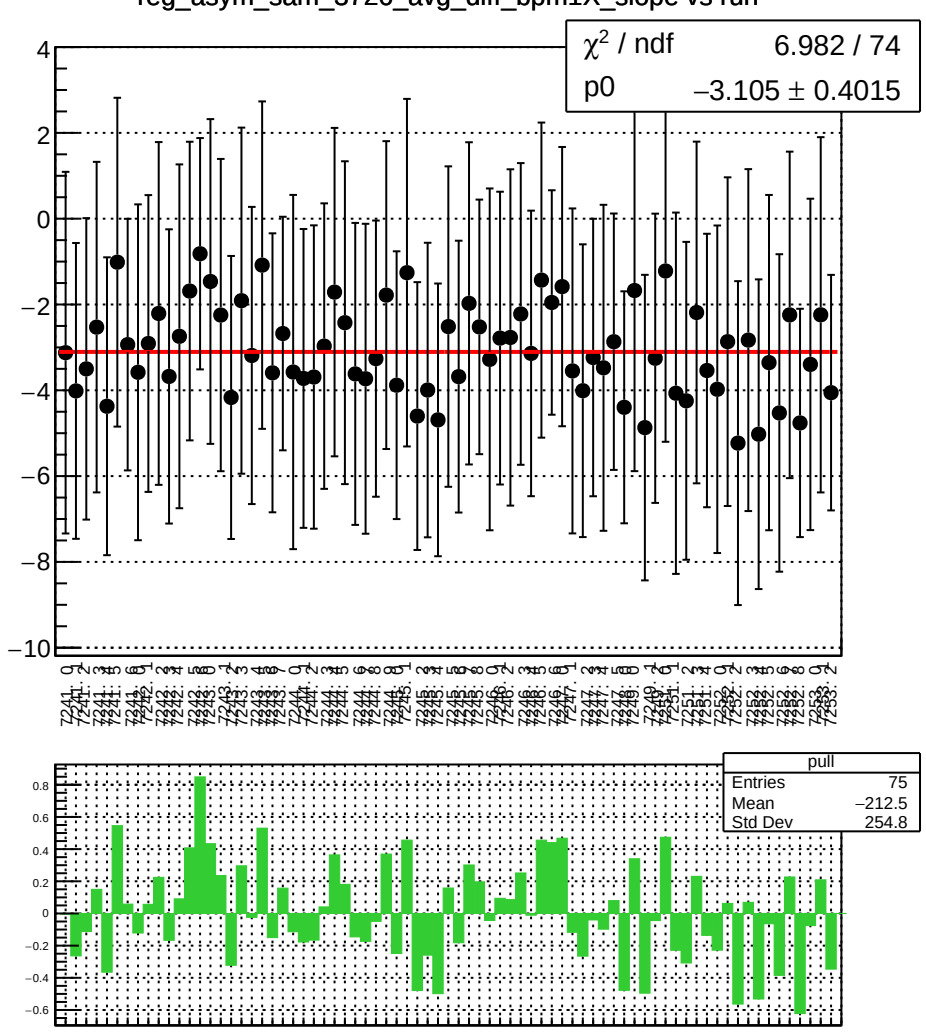

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs run
χ² / ndf 23.04 / 74
p0 −19.76 ± 0.2162
pull
Entries 75
Mean 82.31
Std Dev 23.77

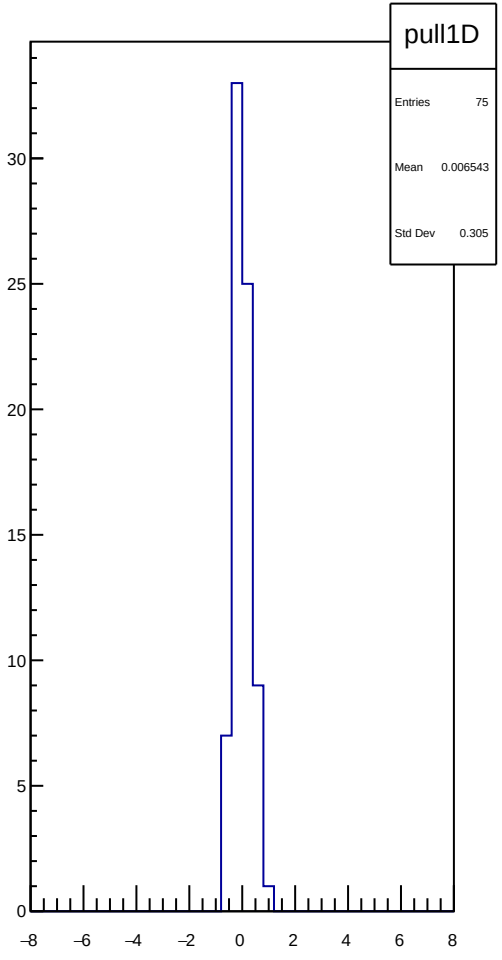

pull1D
Entries 75
Mean −0.02106
Std Dev 0.5538

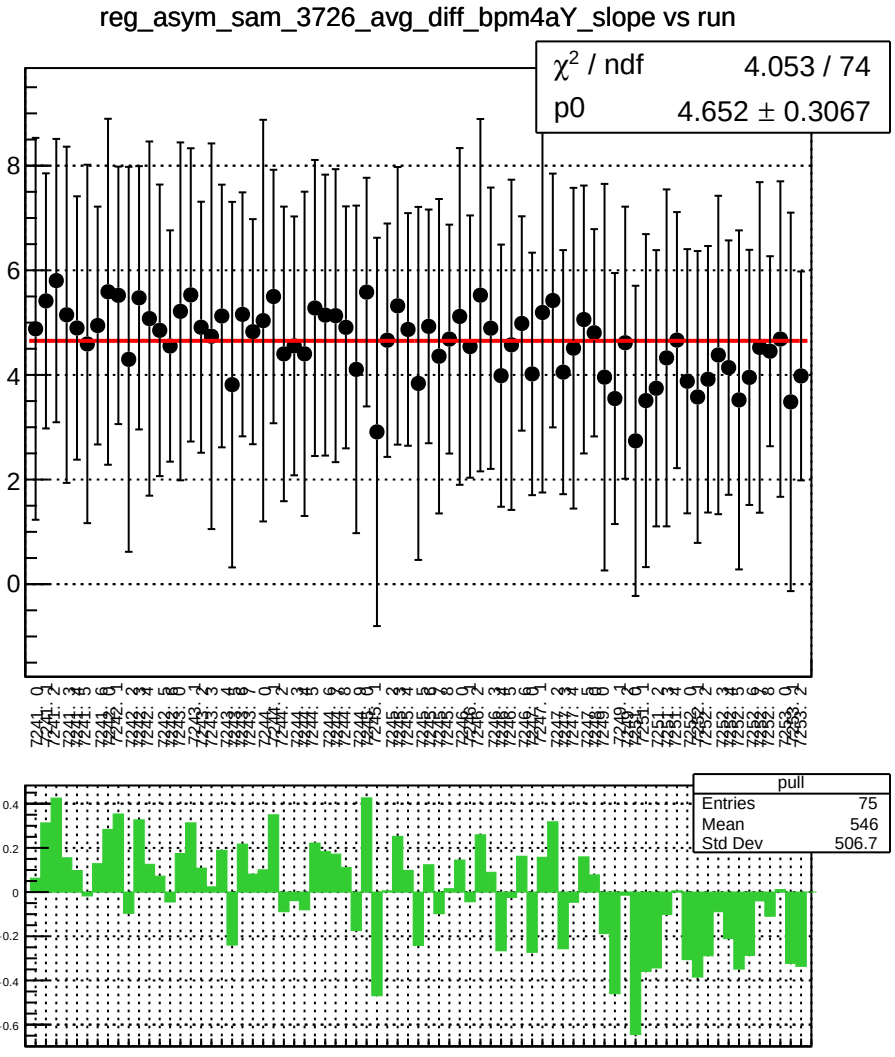

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs run
χ² / ndf 20.69 / 74
p0 11.81 ± 0.1711
pull
Entries 75
Mean 79.5
Std Dev 49.1
pull1D
Entries 75
Mean −0.02397
Std Dev 0.5247

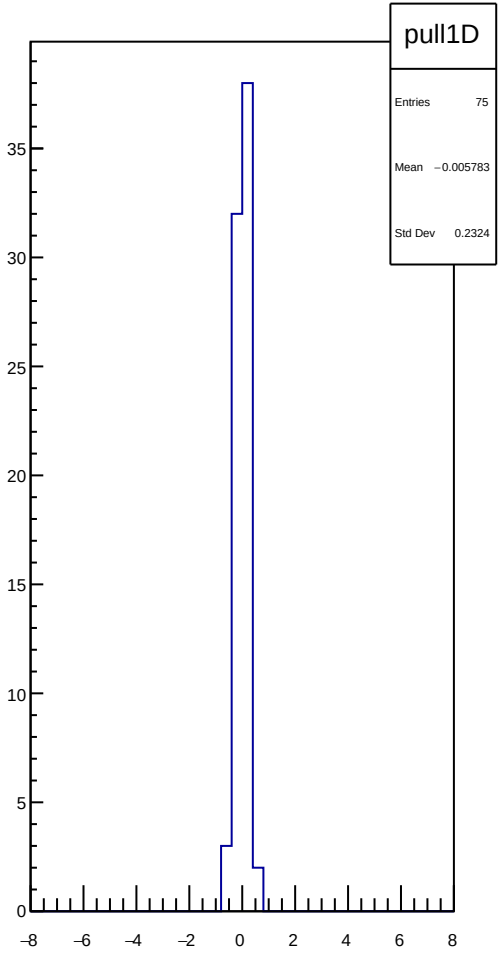

reg_asym_sam_1526_avg_diff_bpm12X_slope vs run
χ² / ndf 10.43 / 74
p0 0.3018 ± 0.007831
pull
Entries 75
Mean −181.7
Std Dev 212

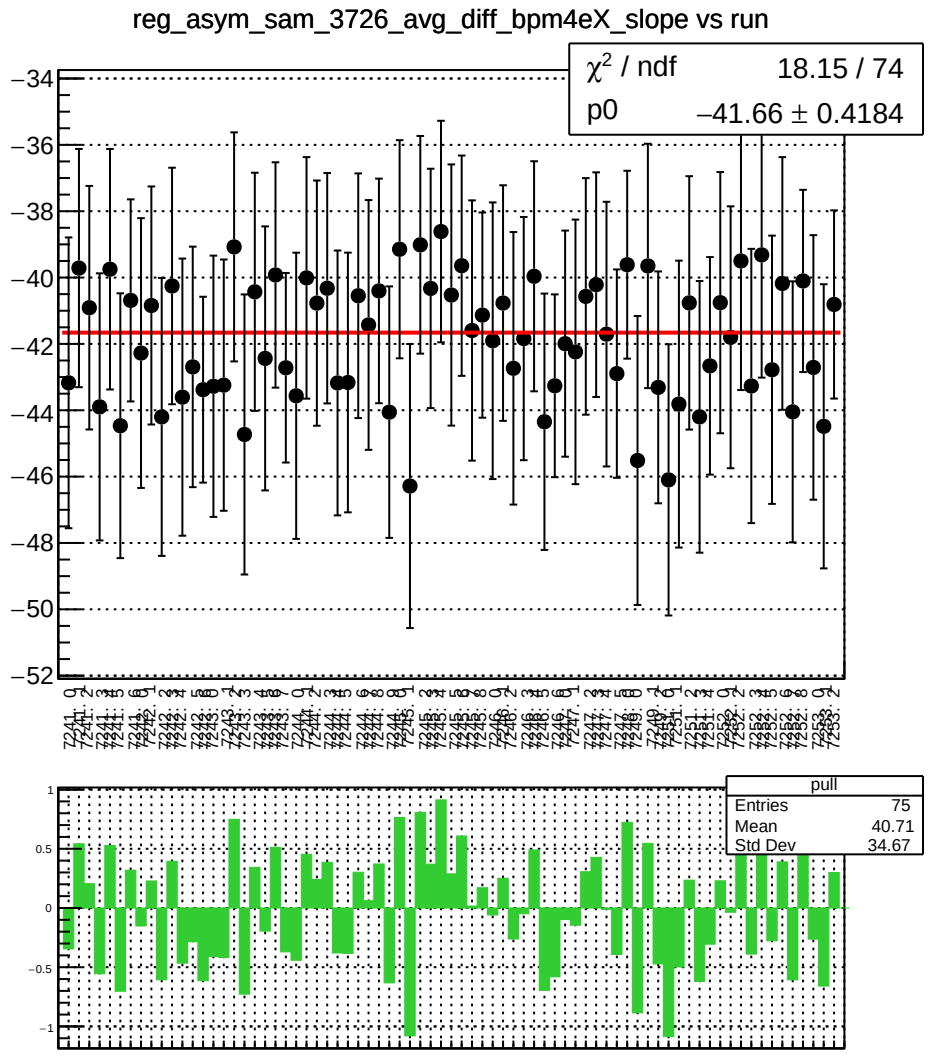

pull1D
Entries 75
Mean −0.01177
Std Dev 0.3727

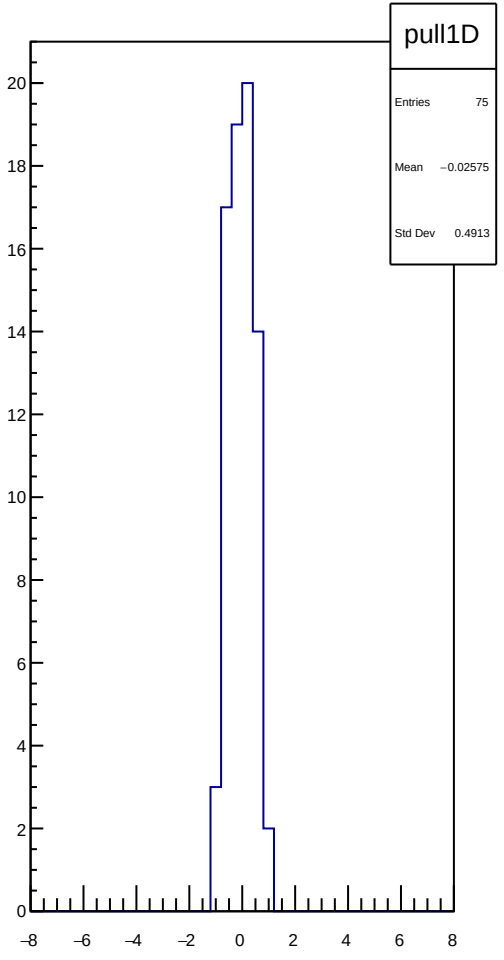

reg_asym_sam_3726_avg_diff_bpm1X_slope vs run
χ² / ndf 6.982 / 74
p0 −3.105 ± 0.4015
pull
Entries 75
Mean −212.5
Std Dev 254.8

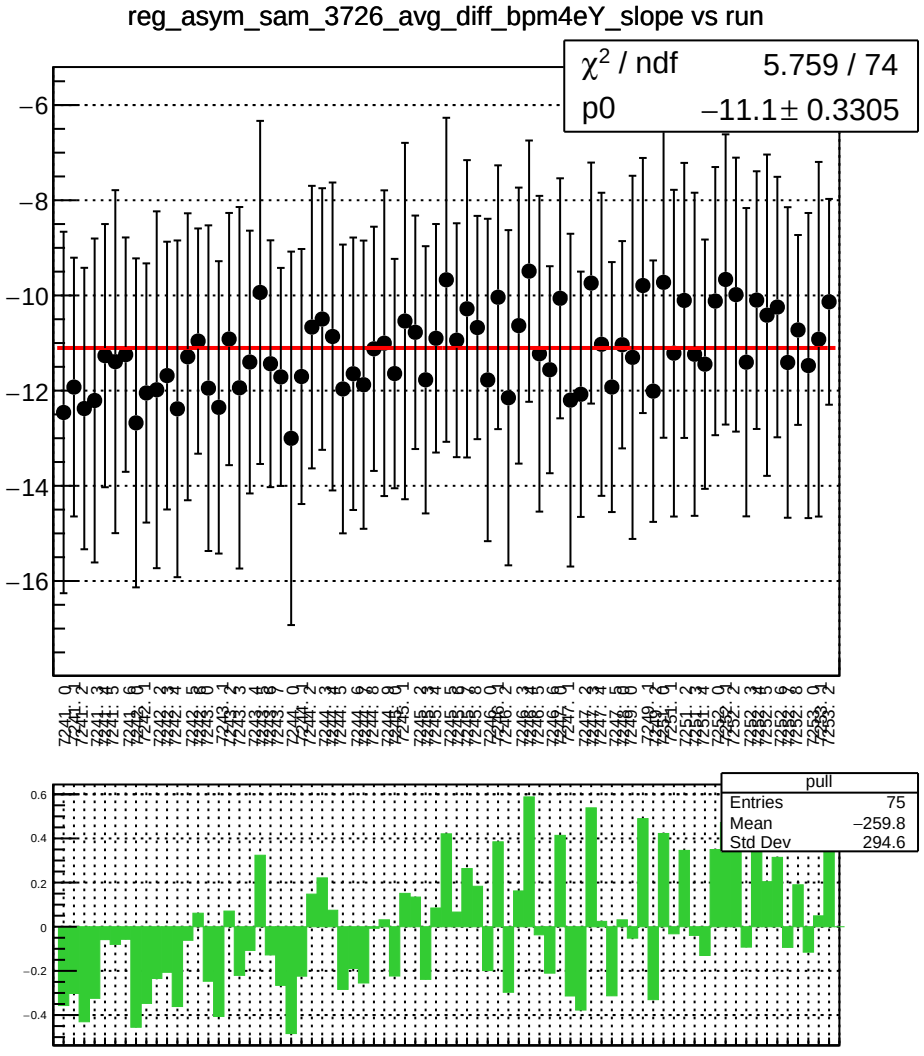

pull1D
Entries 75
Mean 0.006543
Std Dev 0.305

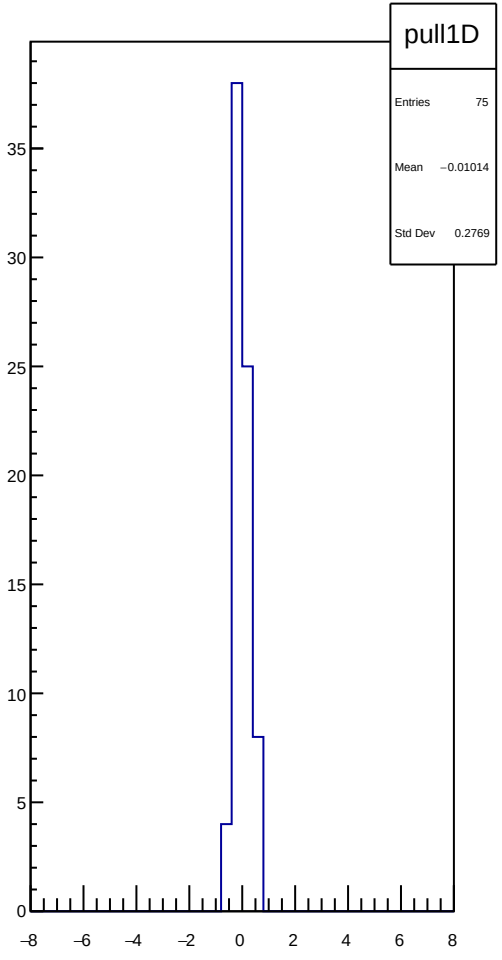

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs run
χ² / ndf 4.053 / 74
p0 4.652 ± 0.3067
pull
Entries 75
Mean 546
Std Dev 506.7

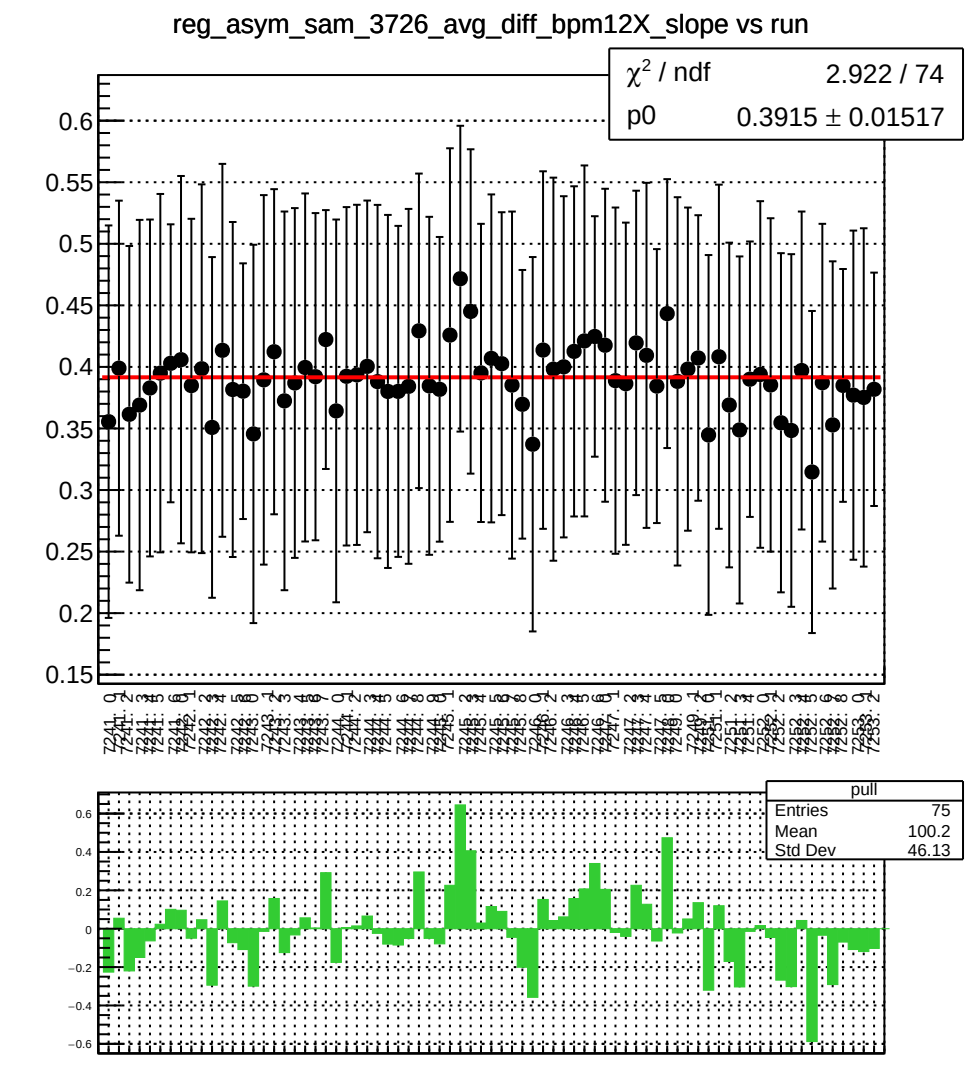

pull1D
Entries 75
Mean −0.005783
Std Dev 0.2324

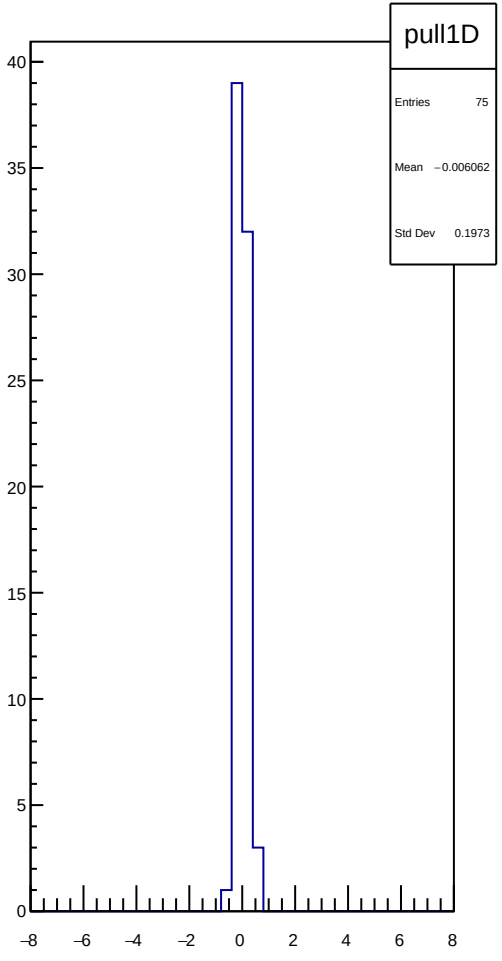

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs run
χ² / ndf 18.15 / 74
p0 −41.66 ± 0.4184
pull
Entries 75
Mean 40.71
Std Dev 34.67

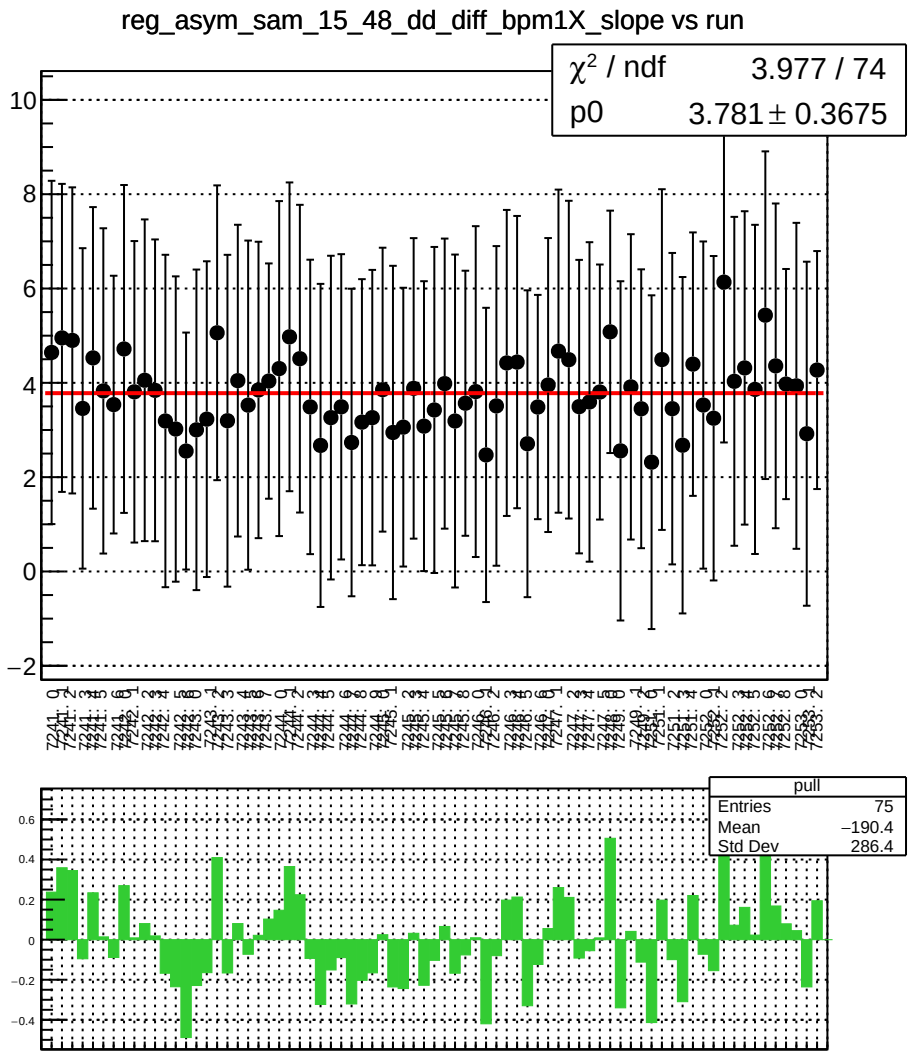

pull1D
Entries 75
Mean −0.02575
Std Dev 0.4913

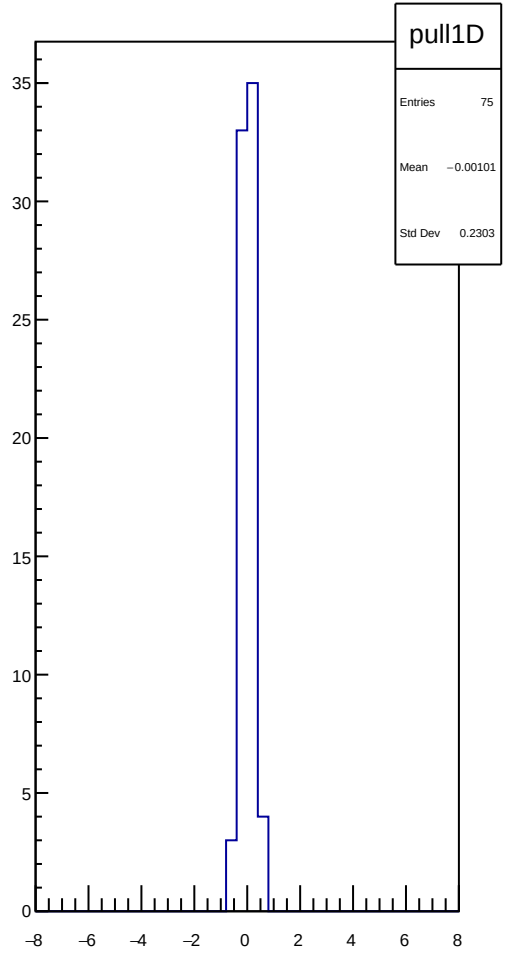

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs run
χ² / ndf 5.759 / 74
p0 −11.1 ± 0.3305
pull
Entries 75
Mean −259.8
Std Dev 294.6

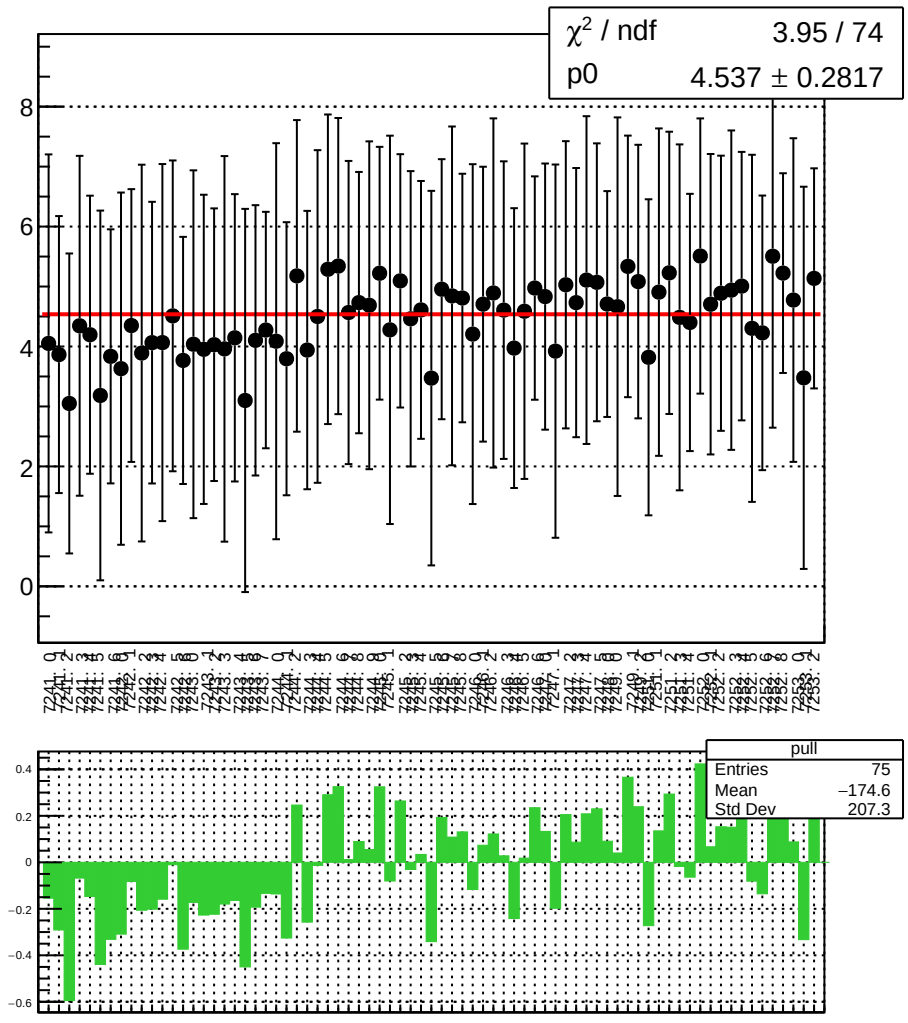

pull1D
Entries 75
Mean −0.01014
Std Dev 0.2769

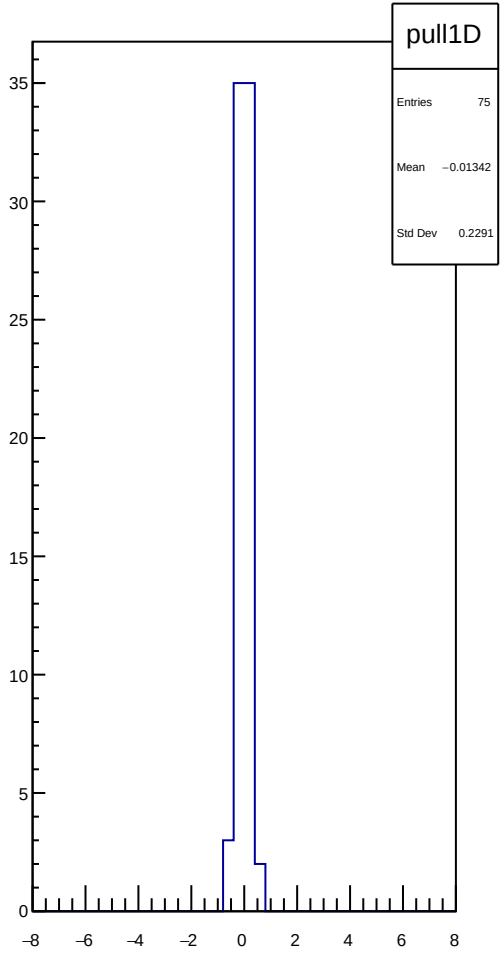

reg_asym_sam_3726_avg_diff_bpm12X_slope vs run
χ² / ndf 2.922 / 74
p0 0.3915 ± 0.01517
pull
Entries 75
Mean 100.2
Std Dev 46.13

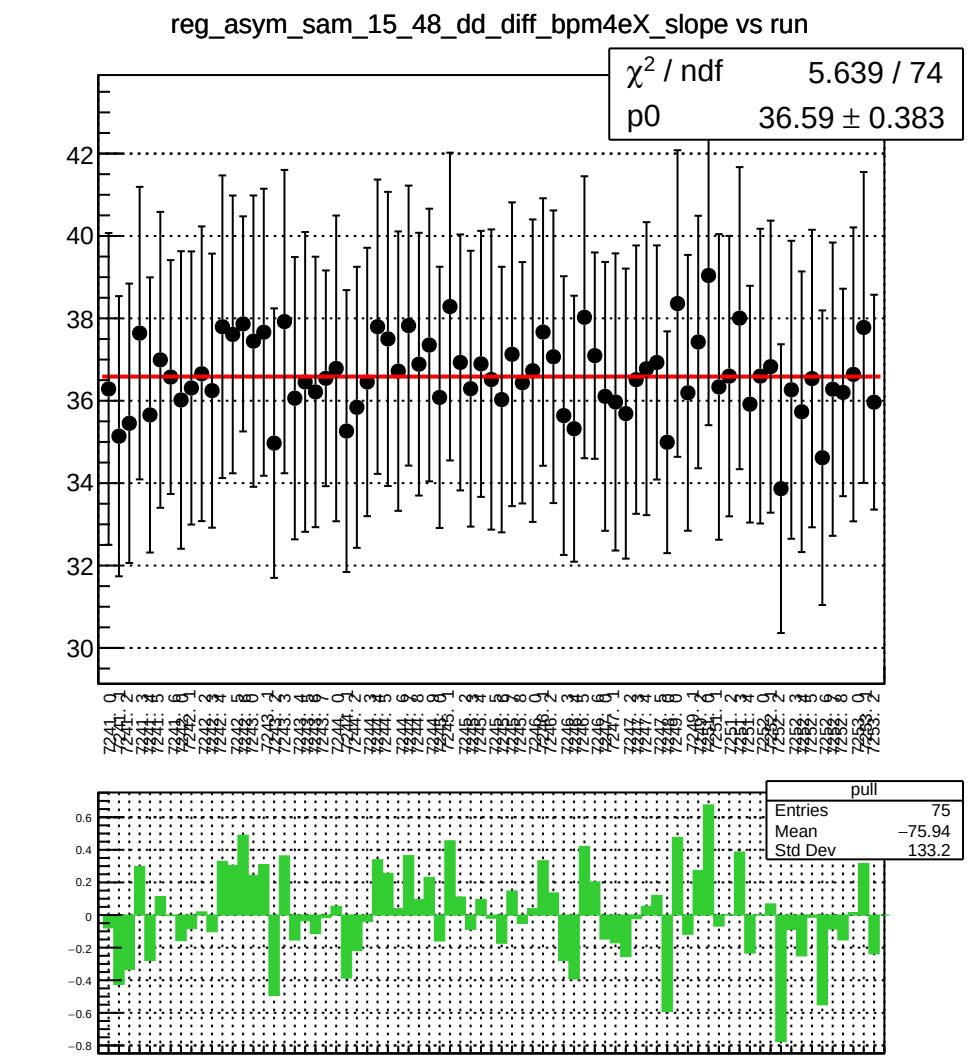

pull1D
Entries 75
Mean −0.006062
Std Dev 0.1973

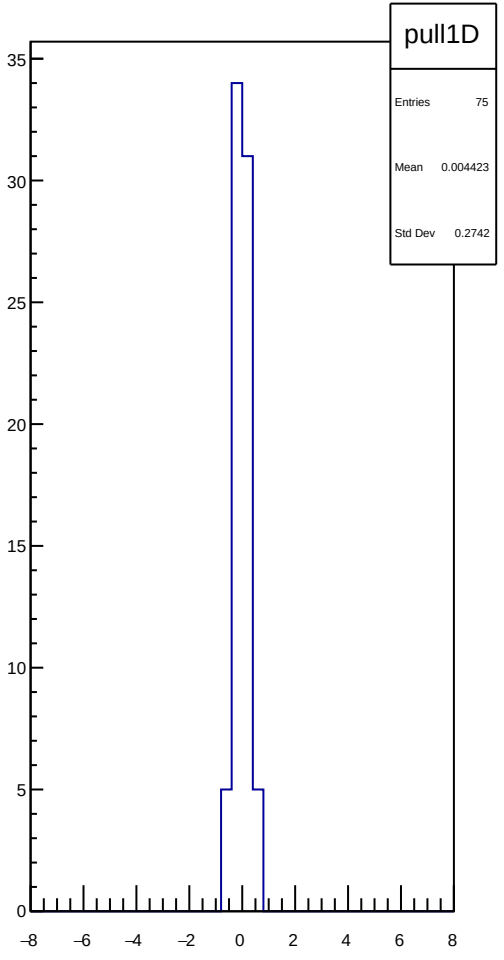

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs run
χ² / ndf 3.977 / 74
p0 3.781 ± 0.3675
pull
Entries 75
Mean −190.4
Std Dev 286.4

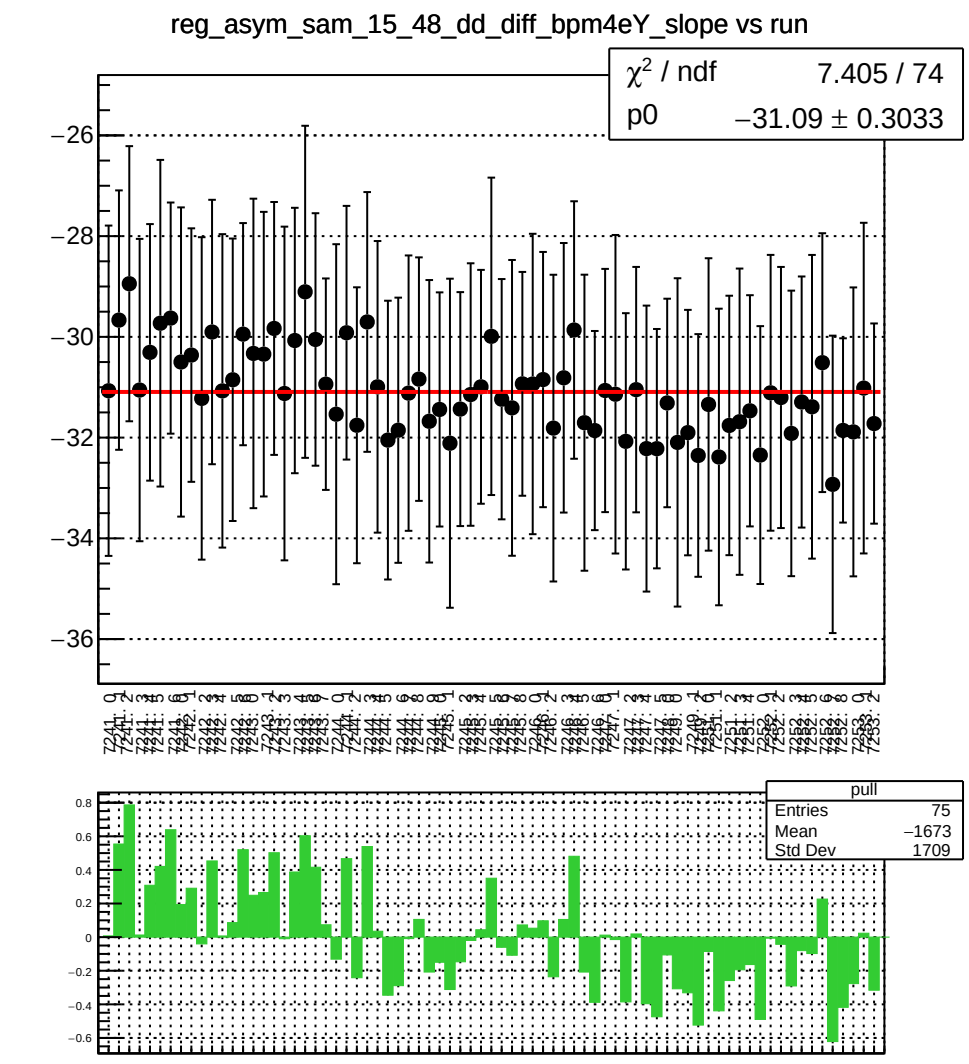

pull1D
Entries 75
Mean −0.00101
Std Dev 0.2303

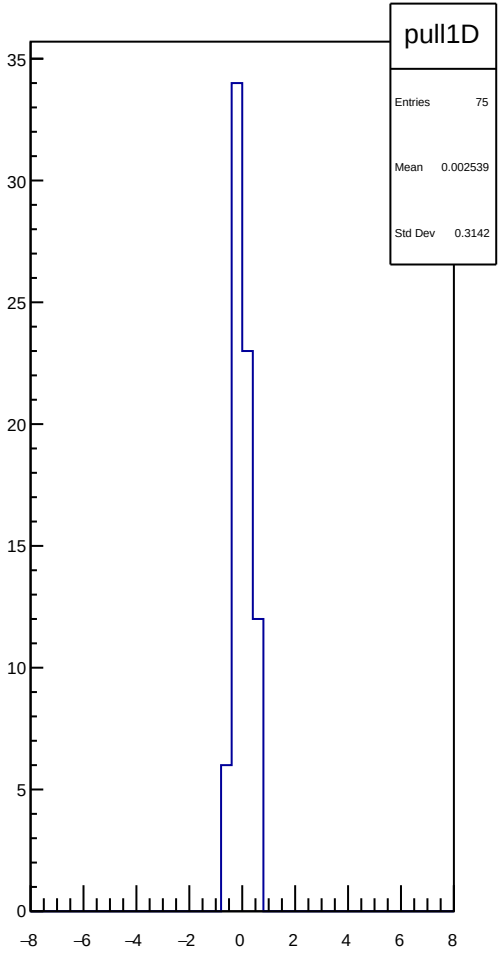

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 3.95 / 74
p0 4.537 ± 0.2817
pull
Entries 75
Mean −174.6
Std Dev 207.3

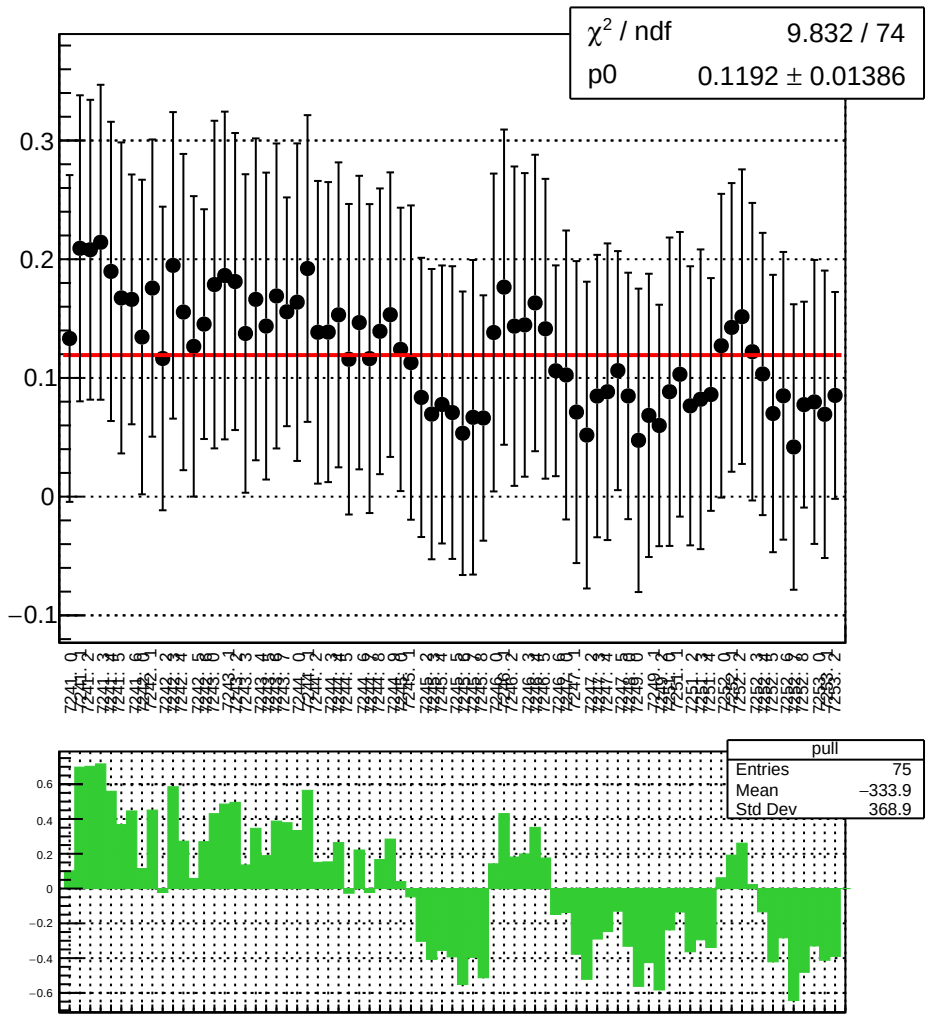

pull1D
Entries 75
Mean −0.01342
Std Dev 0.2291

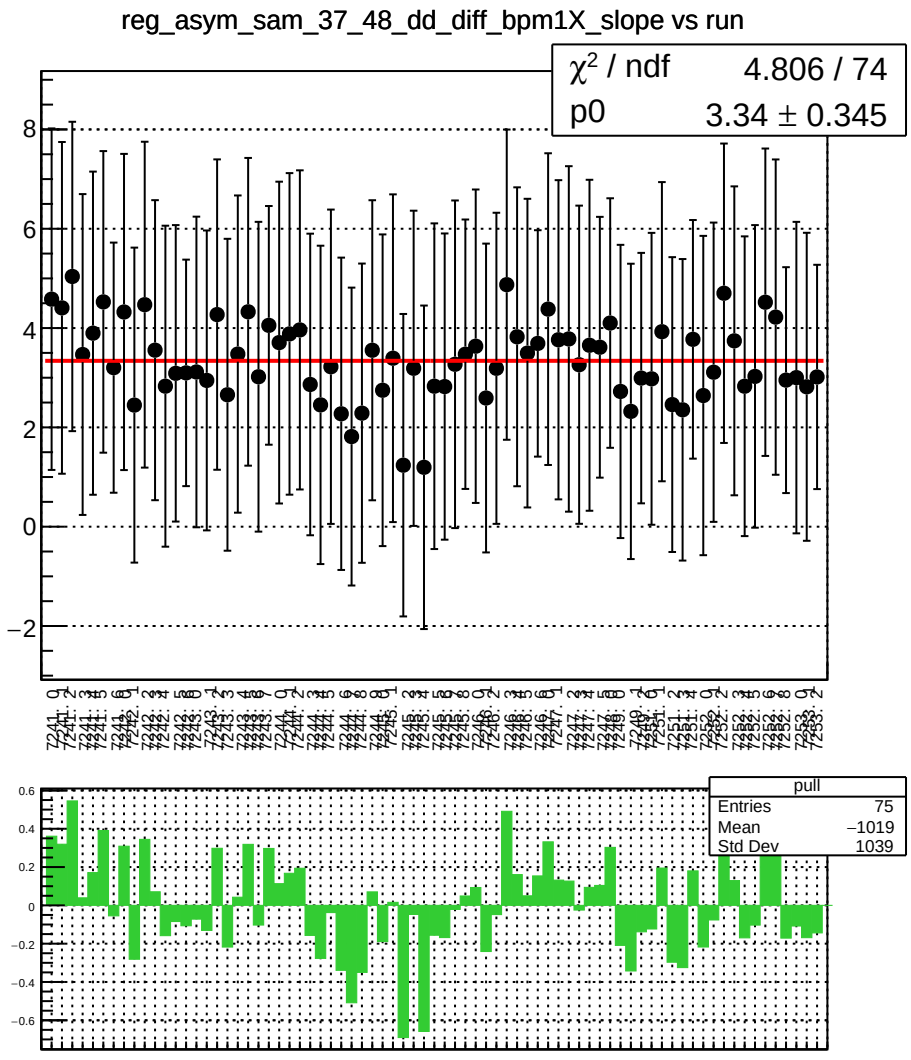

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 5.639 / 74
p0 36.59 ± 0.383
pull
Entries 75
Mean −75.94
Std Dev 133.2

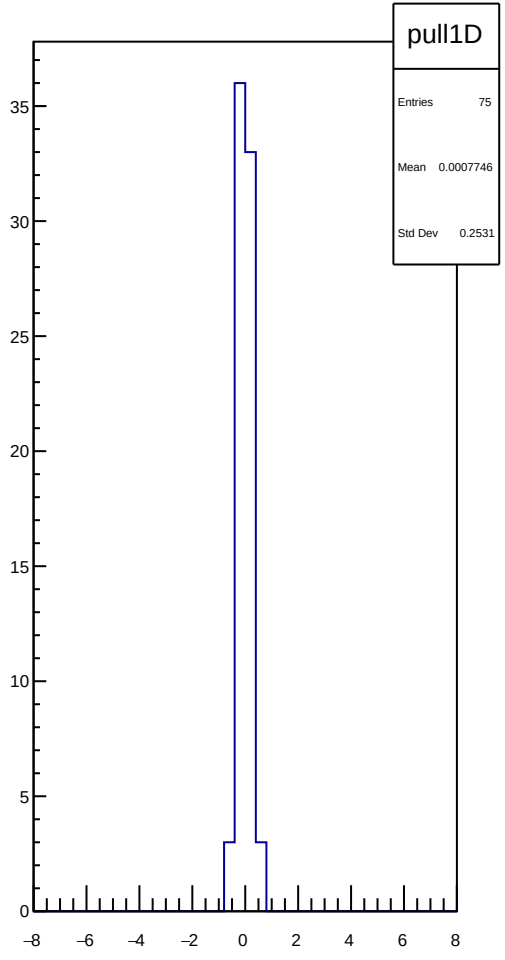

pull1D
Entries 75
Mean 0.004423
Std Dev 0.2742

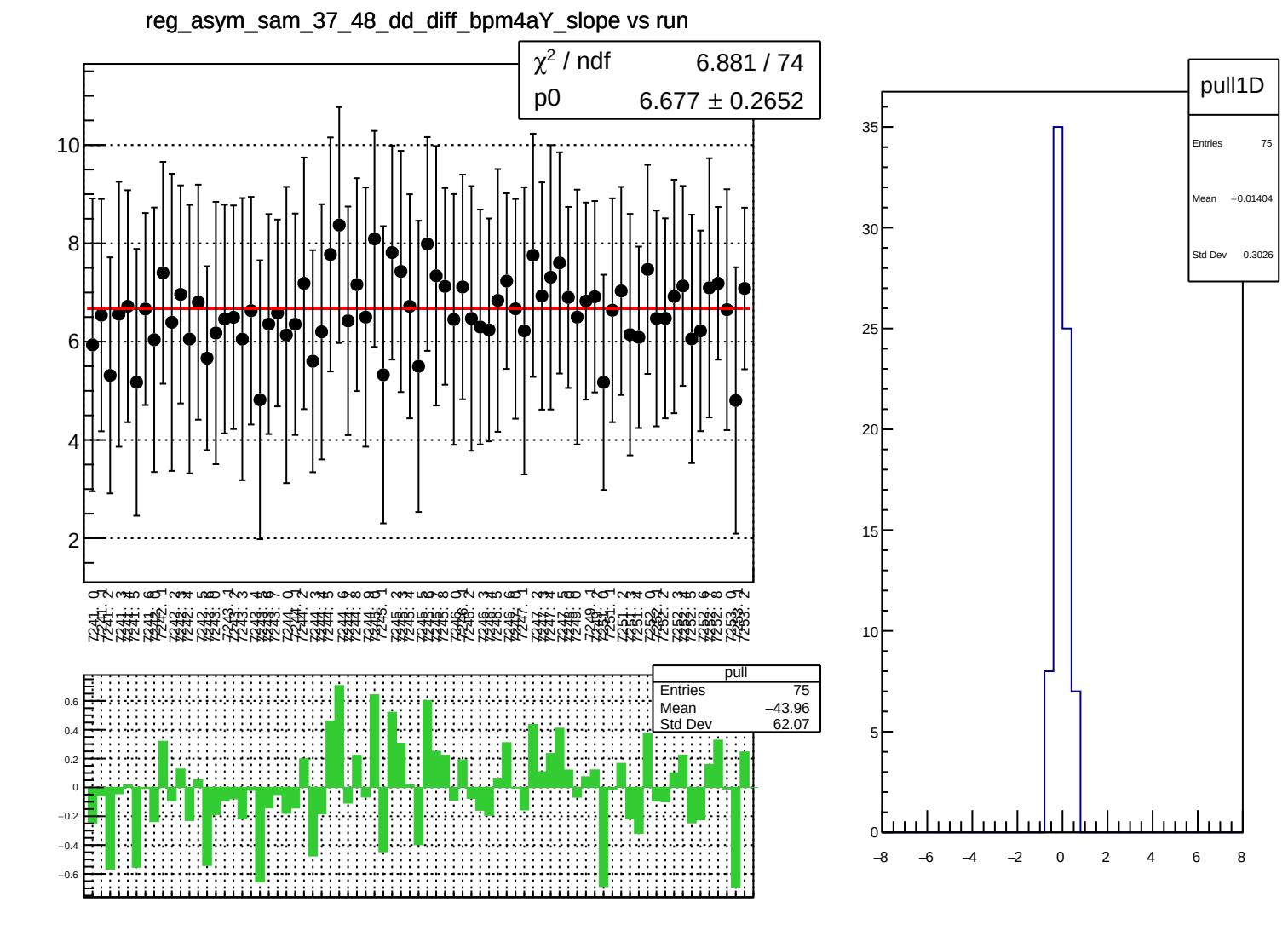

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 7.405 / 74
p0 −31.09 ± 0.3033
pull
Entries 75
Mean −1673
Std Dev 1709

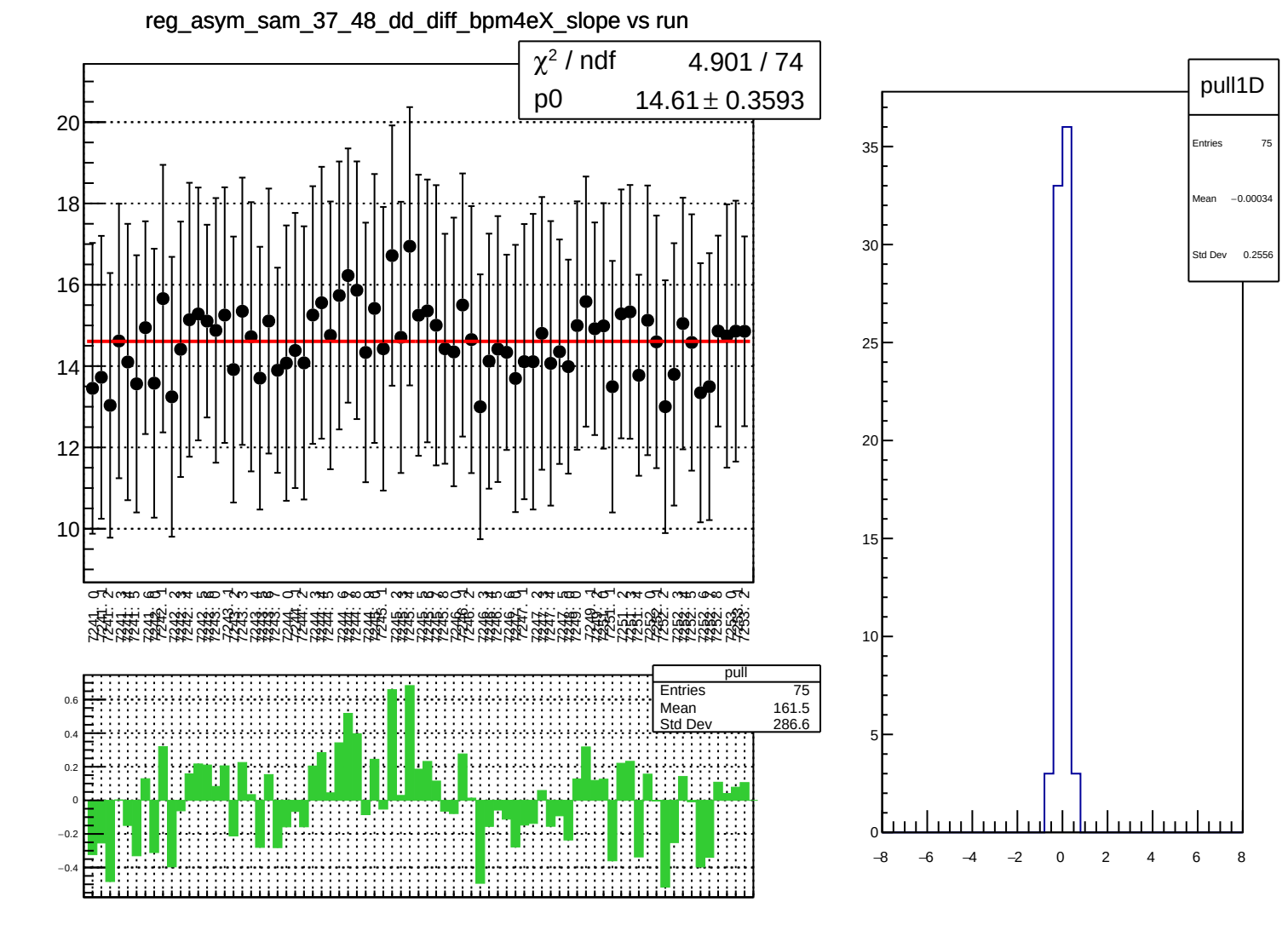

pull1D
Entries 75
Mean 0.002539
Std Dev 0.3142

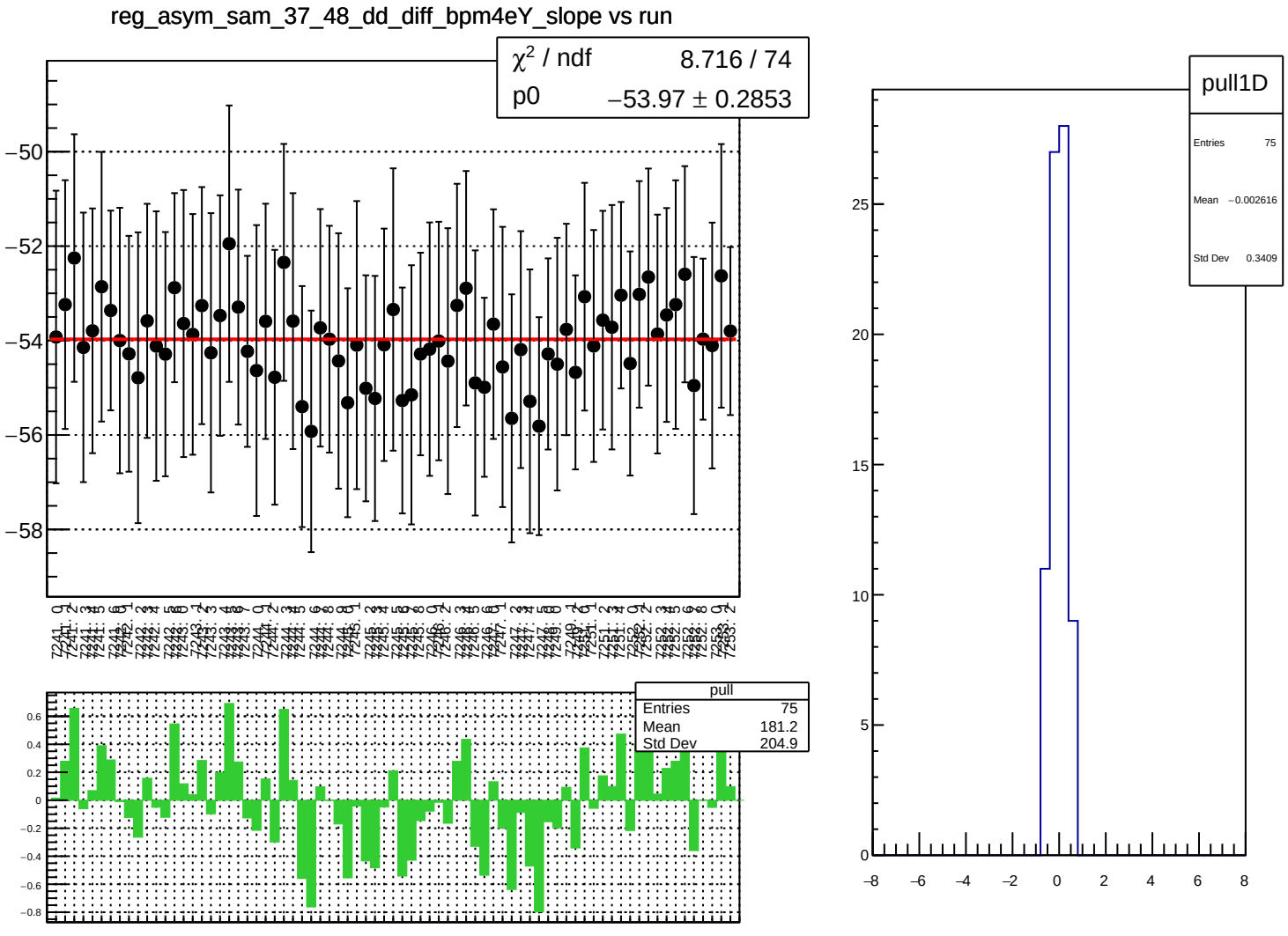

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs run
χ² / ndf 9.832 / 74
p0 0.1192 ± 0.01386
pull
Entries 75
Mean −333.9
Std Dev 368.9
pull1D
Entries 75
Mean 0.01513
Std Dev 0.3617

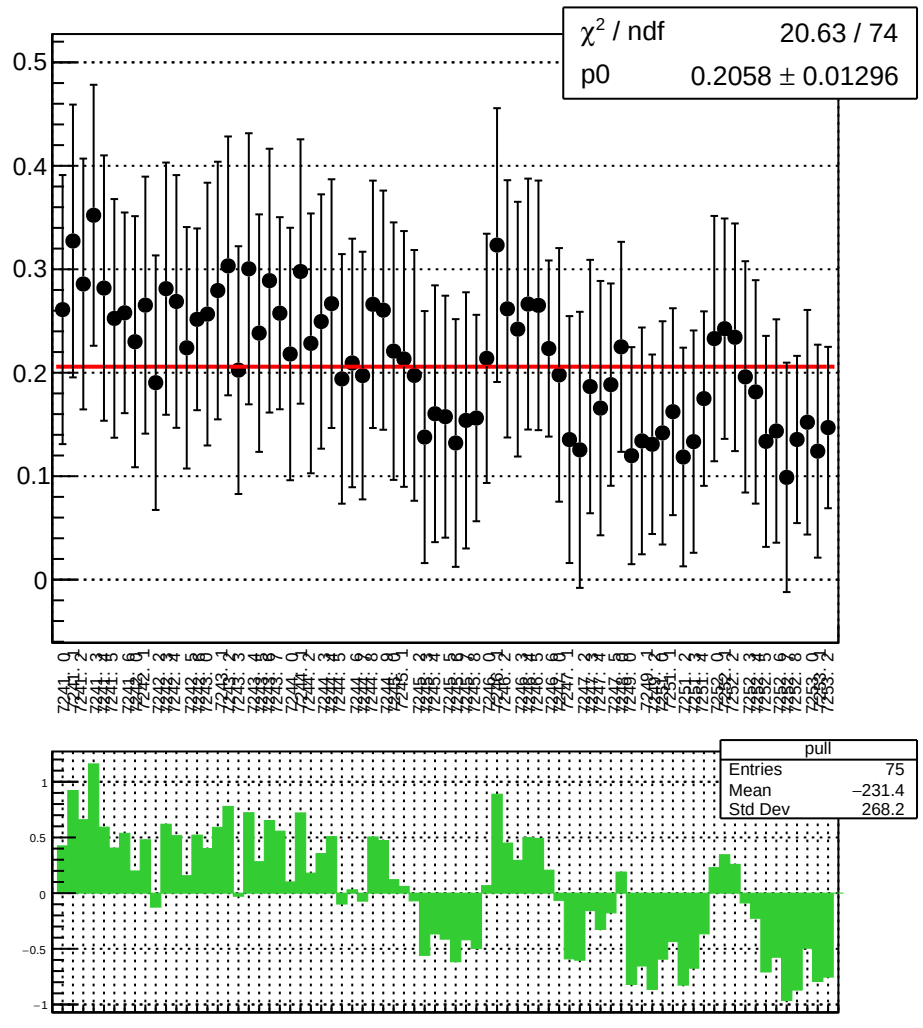

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs run
χ² / ndf 4.806 / 74
p0 3.34 ± 0.345
pull
Entries 75
Mean −1019
Std Dev 1039

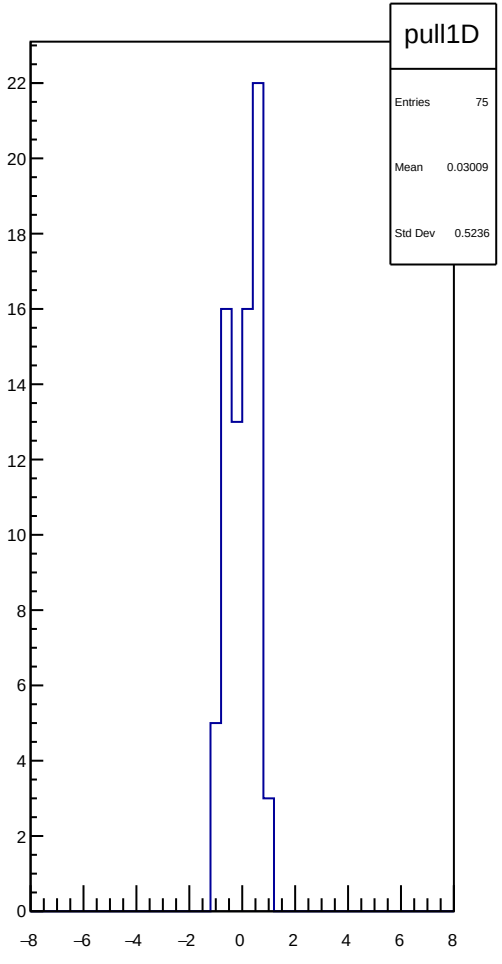

pull1D
Entries 75
Mean 0.0007746
Std Dev 0.2531

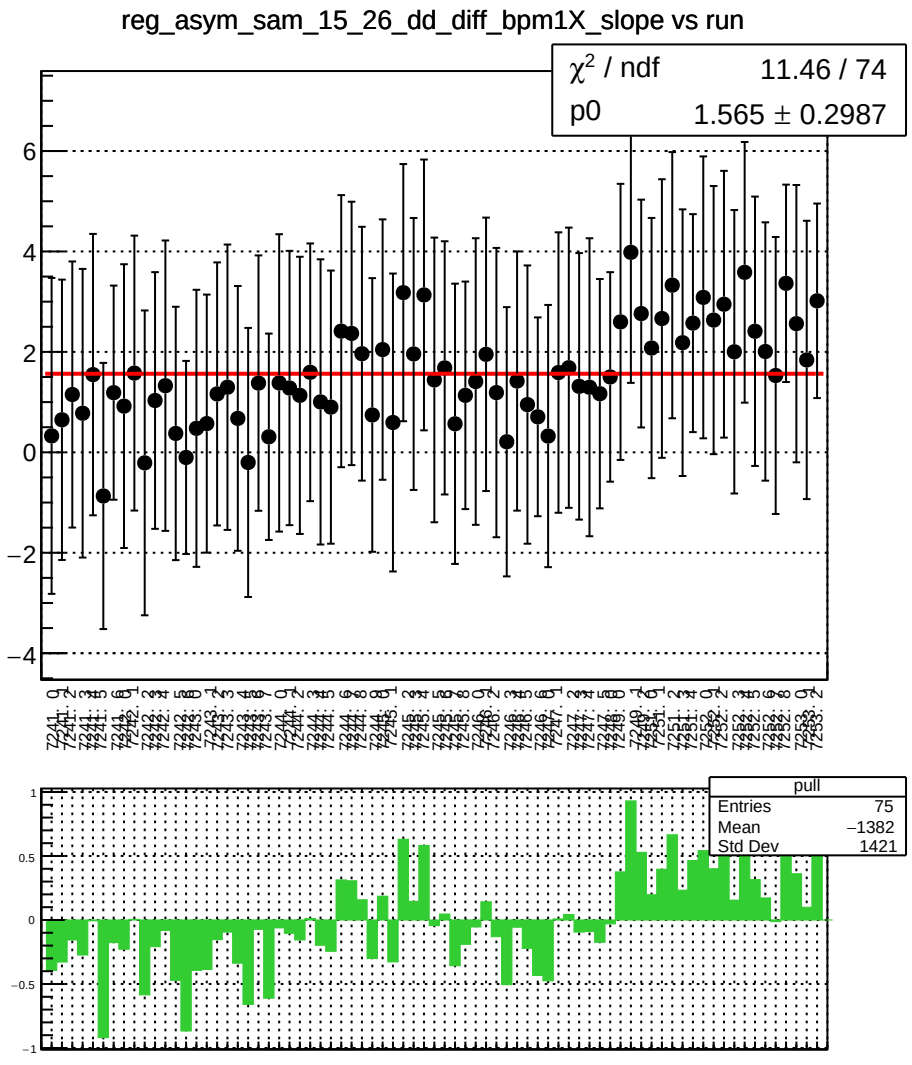

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 6.881 / 74
p0 6.677 ± 0.2652
pull
Entries 75
Mean −43.96
Std Dev 62.07
pull1D
Entries 75
Mean −0.01404
Std Dev 0.3026

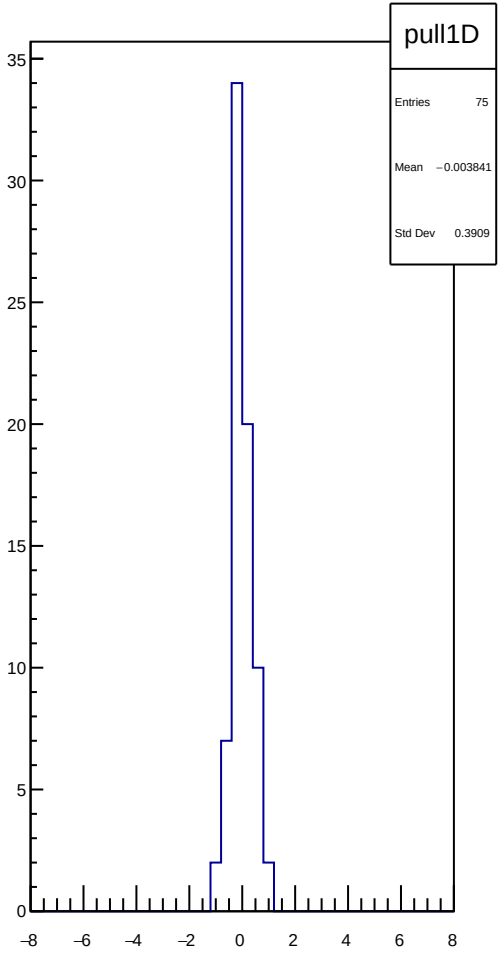

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 4.901 / 74
p0 14.61 ± 0.3593
pull
Entries 75
Mean 161.5
Std Dev 286.6
pull1D
Entries 75
Mean −0.00034
Std Dev 0.2556

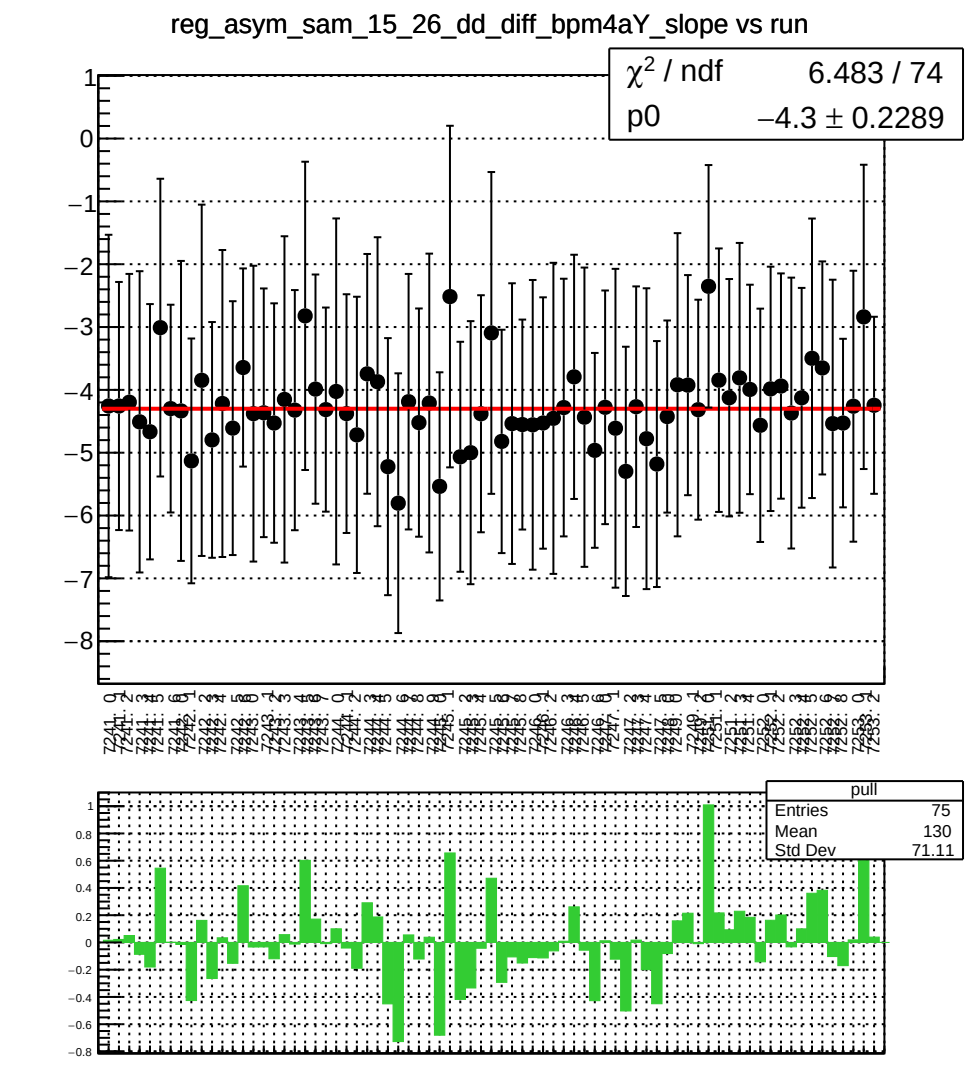

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 8.716 / 74
p0 −53.97 ± 0.2853
−50
−52
−54
−56
−58
pull
Entries 75
Mean 181.2
Std Dev 204.9
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 75
Mean −0.002616
Std Dev 0.3409
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

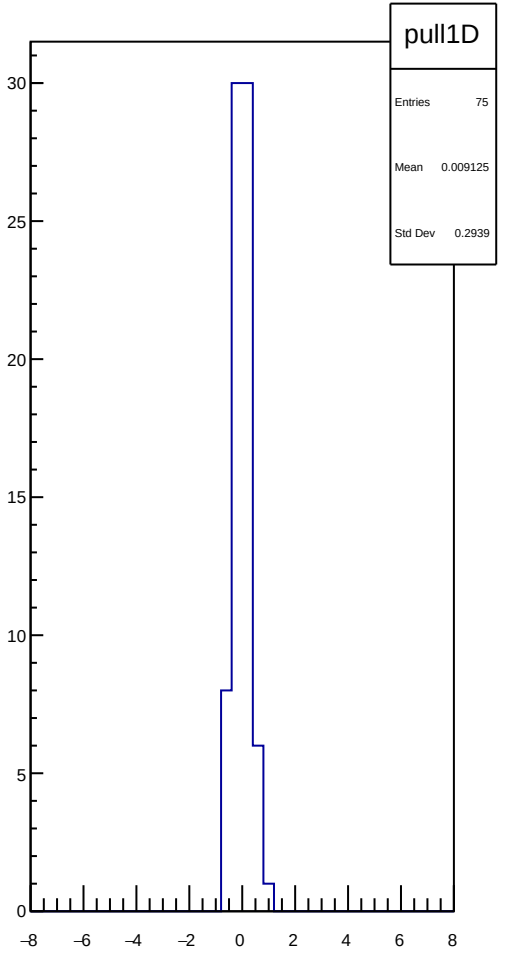

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs run
χ² / ndf 20.63 / 74
p0 0.2058 ± 0.01296
pull
Entries 75
Mean −231.4
Std Dev 268.2

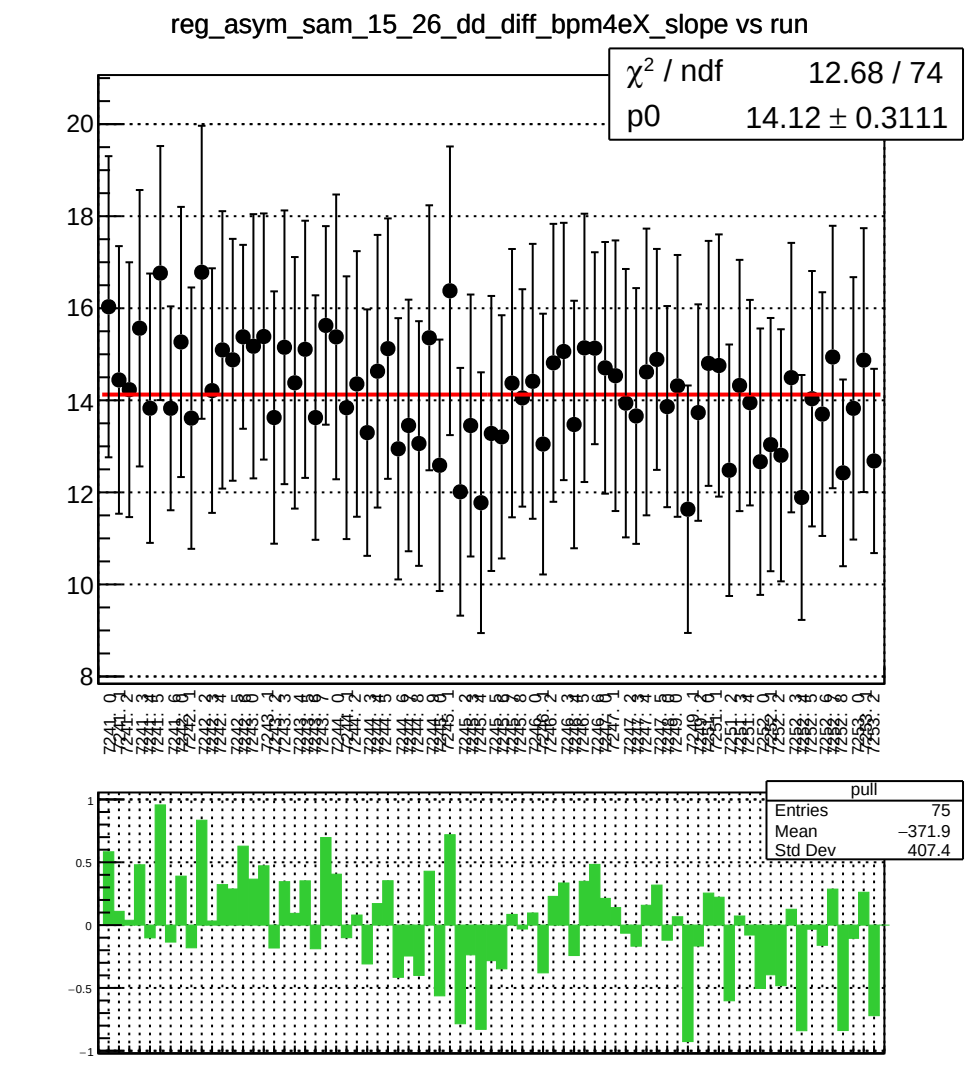

pull1D
Entries 75
Mean 0.03009
Std Dev 0.5236

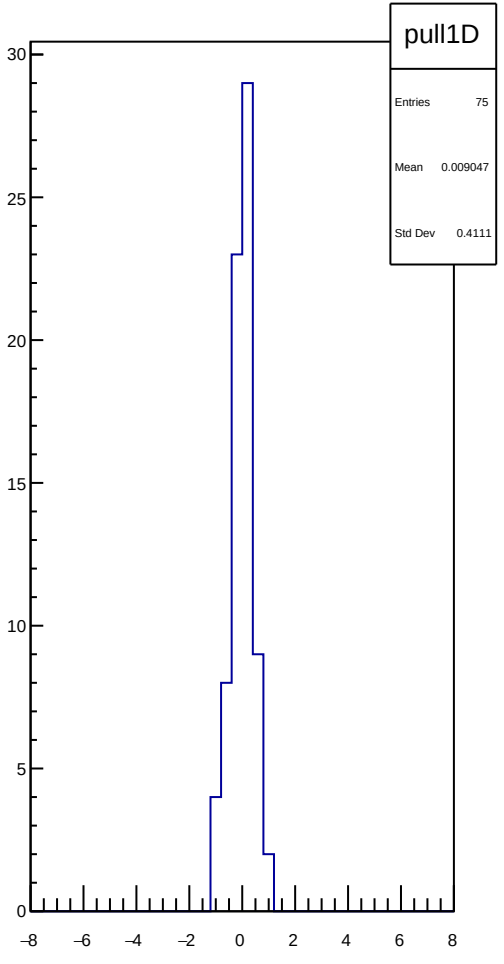

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs run
χ² / ndf 11.46 / 74
p0 1.565 ± 0.2987
pull
Entries 75
Mean −1382
Std Dev 1421

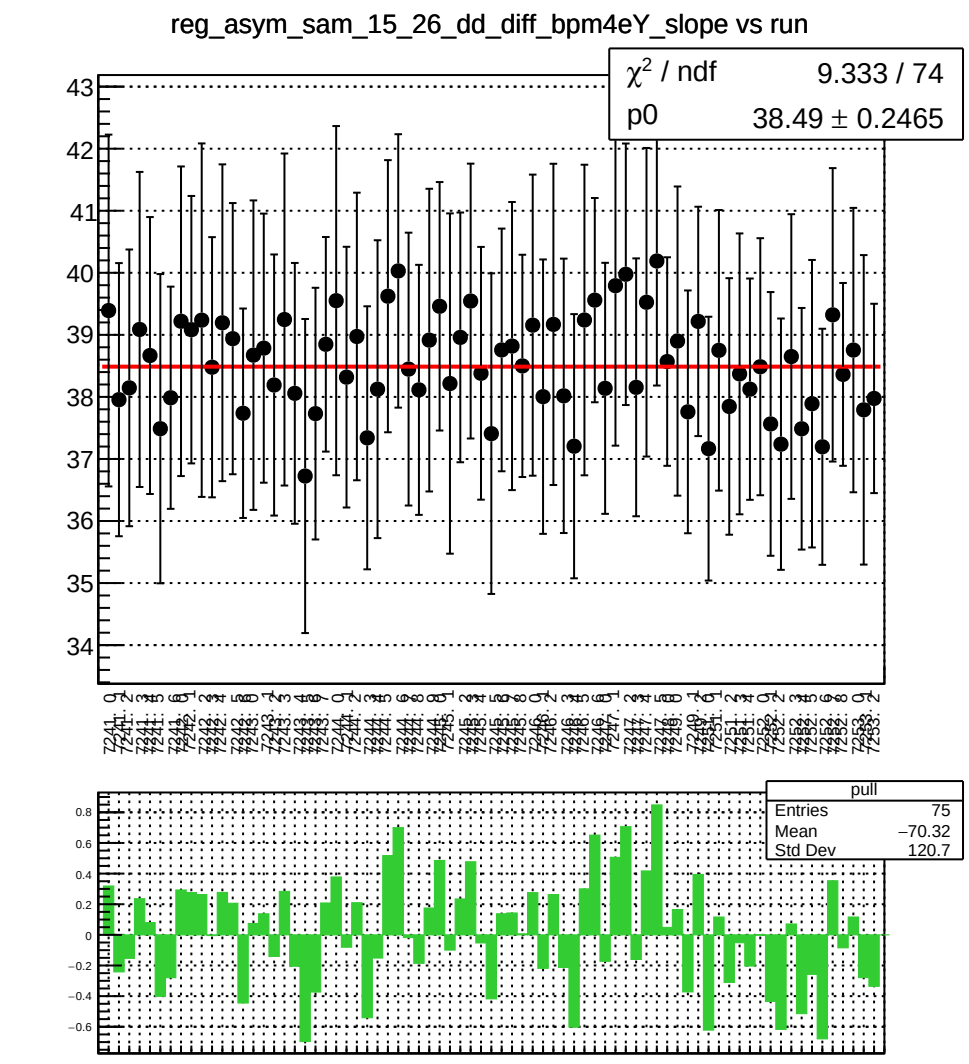

pull1D
Entries 75
Mean −0.003841
Std Dev 0.3909

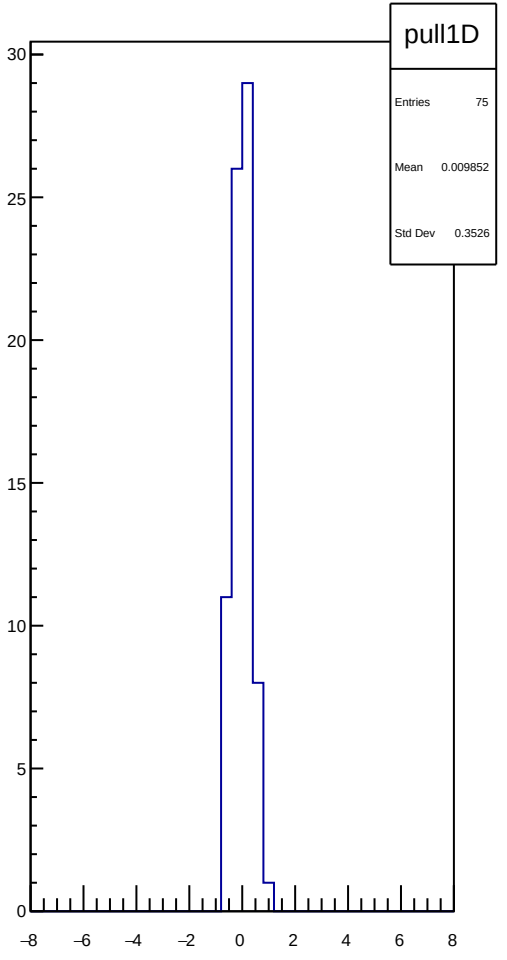

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 6.483 / 74
p0 −4.3 ± 0.2289
pull
Entries 75
Mean 130
Std Dev 71.11

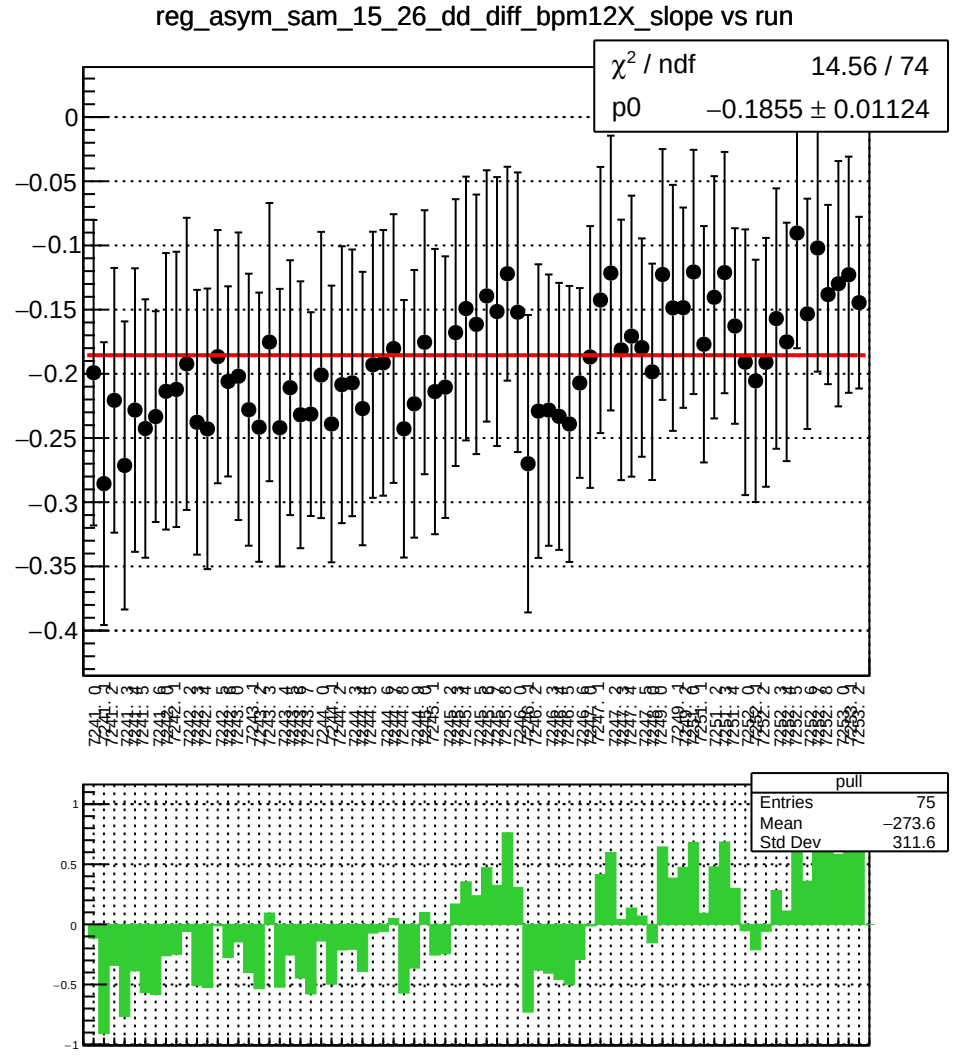

pull1D
Entries 75
Mean 0.009125
Std Dev 0.2939

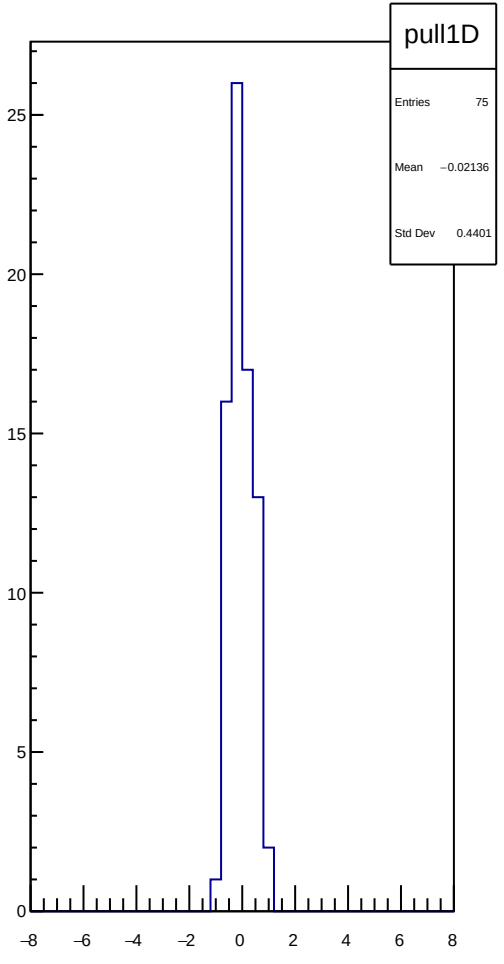

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 12.68 / 74
p0 14.12 ± 0.3111
pull
Entries 75
Mean −371.9
Std Dev 407.4

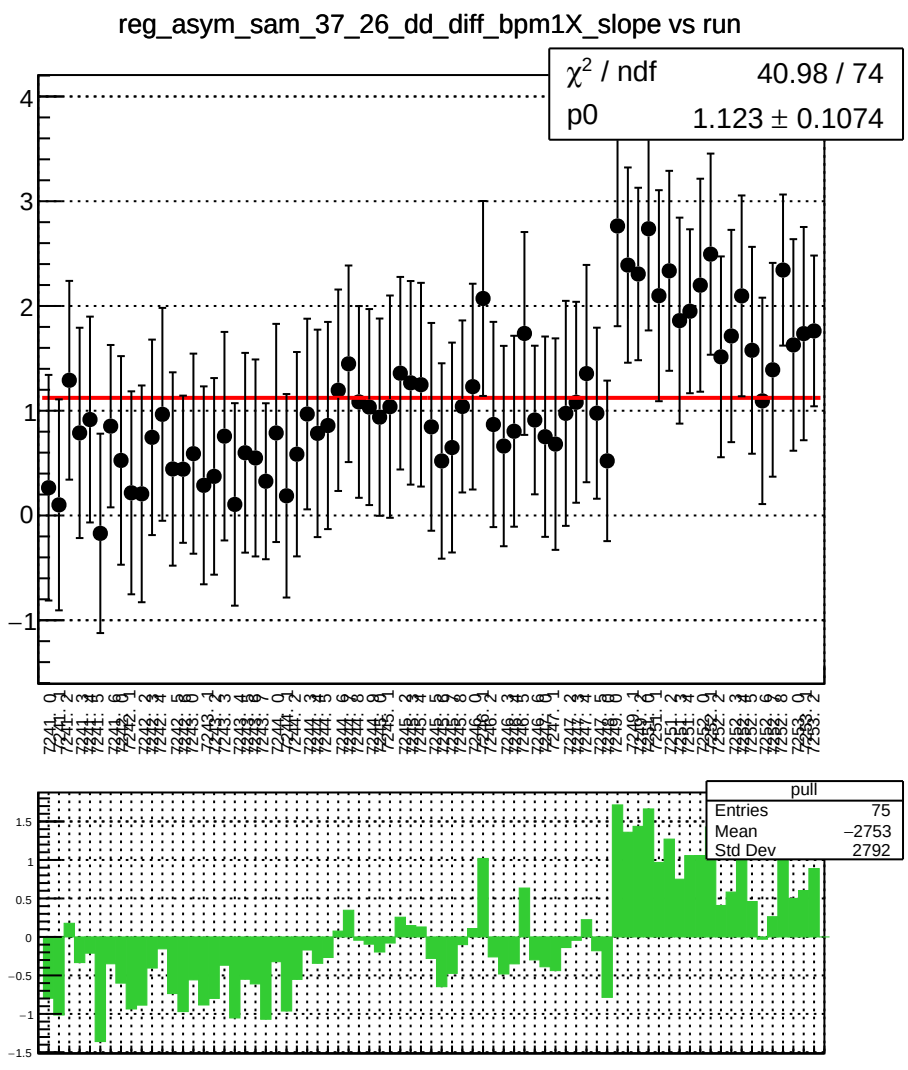

pull1D
Entries 75
Mean 0.009047
Std Dev 0.4111

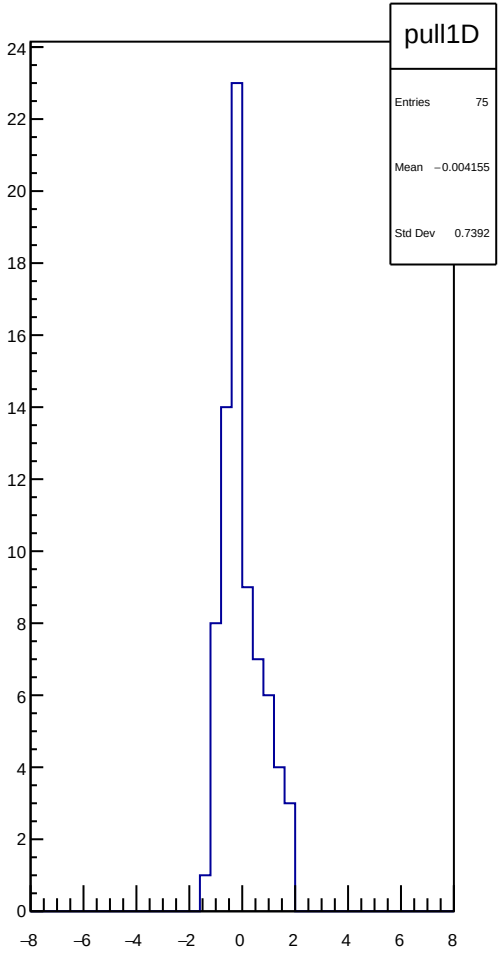

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 9.333 / 74
p0 38.49 ± 0.2465
pull
Entries 75
Mean −70.32
Std Dev 120.7

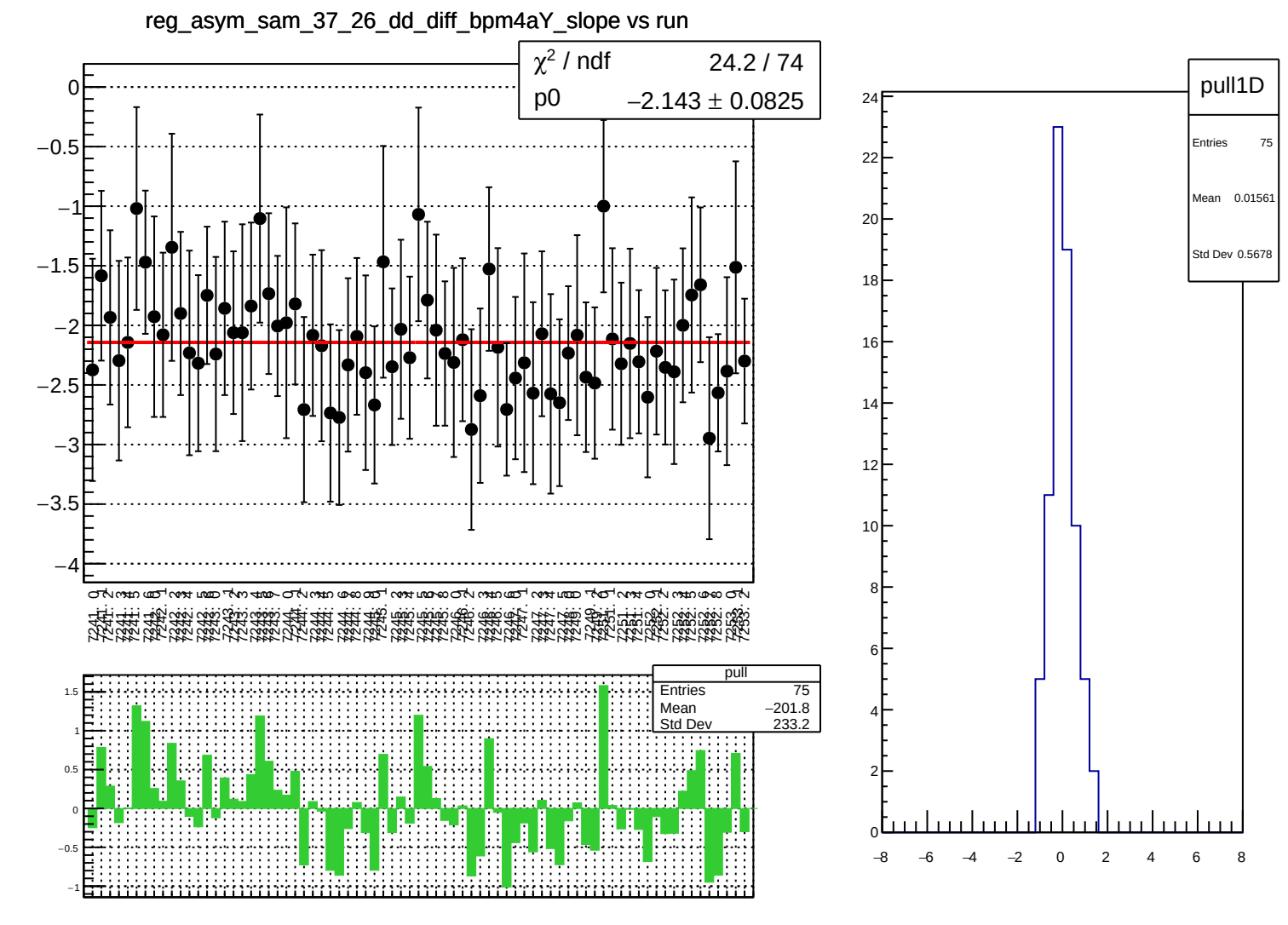

pull1D
Entries 75
Mean 0.009852
Std Dev 0.3526

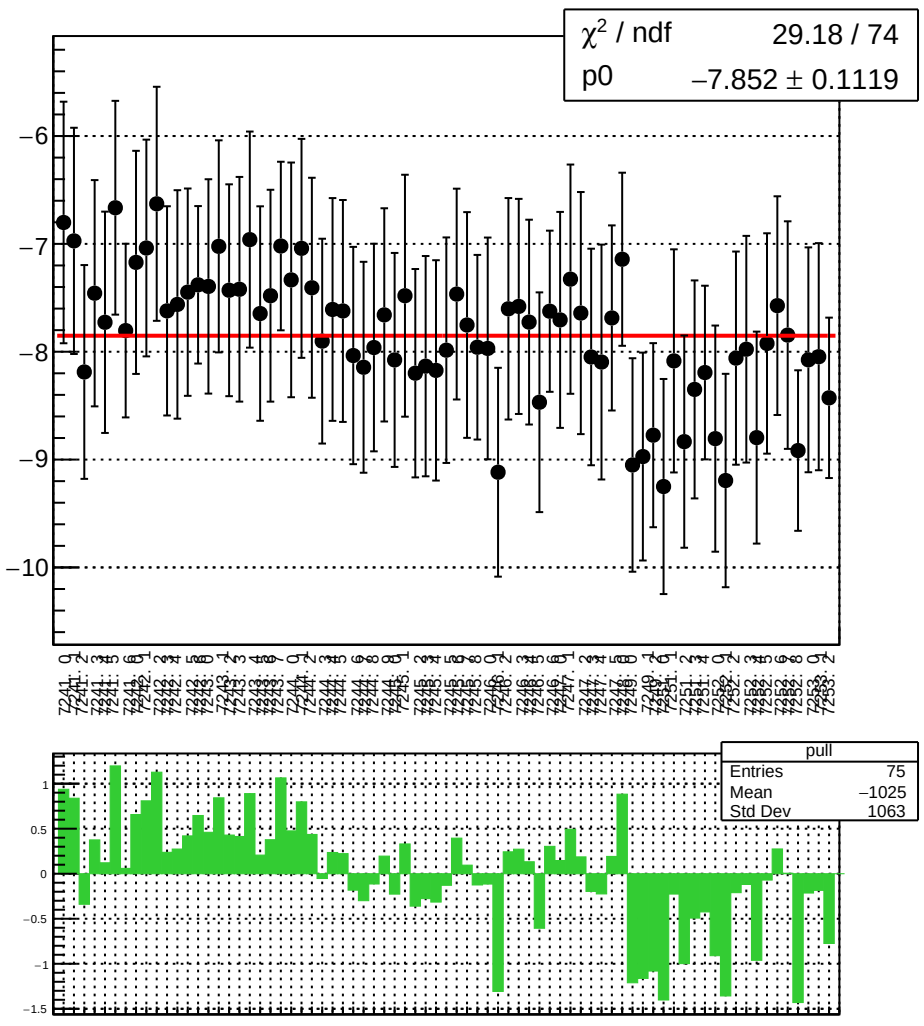

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs run
χ² / ndf 14.56 / 74
p0 −0.1855 ± 0.01124
pull
Entries 75
Mean −273.6
Std Dev 311.6

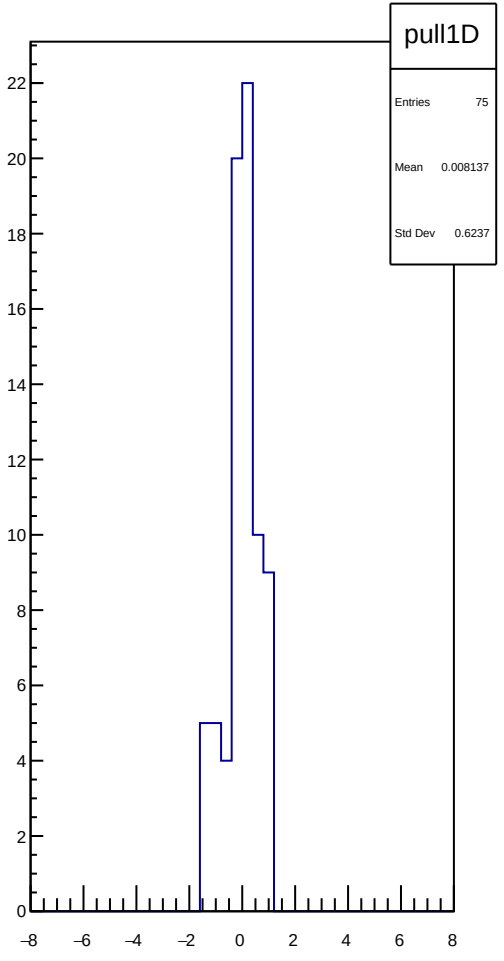

pull1D
Entries 75
Mean −0.02136
Std Dev 0.4401

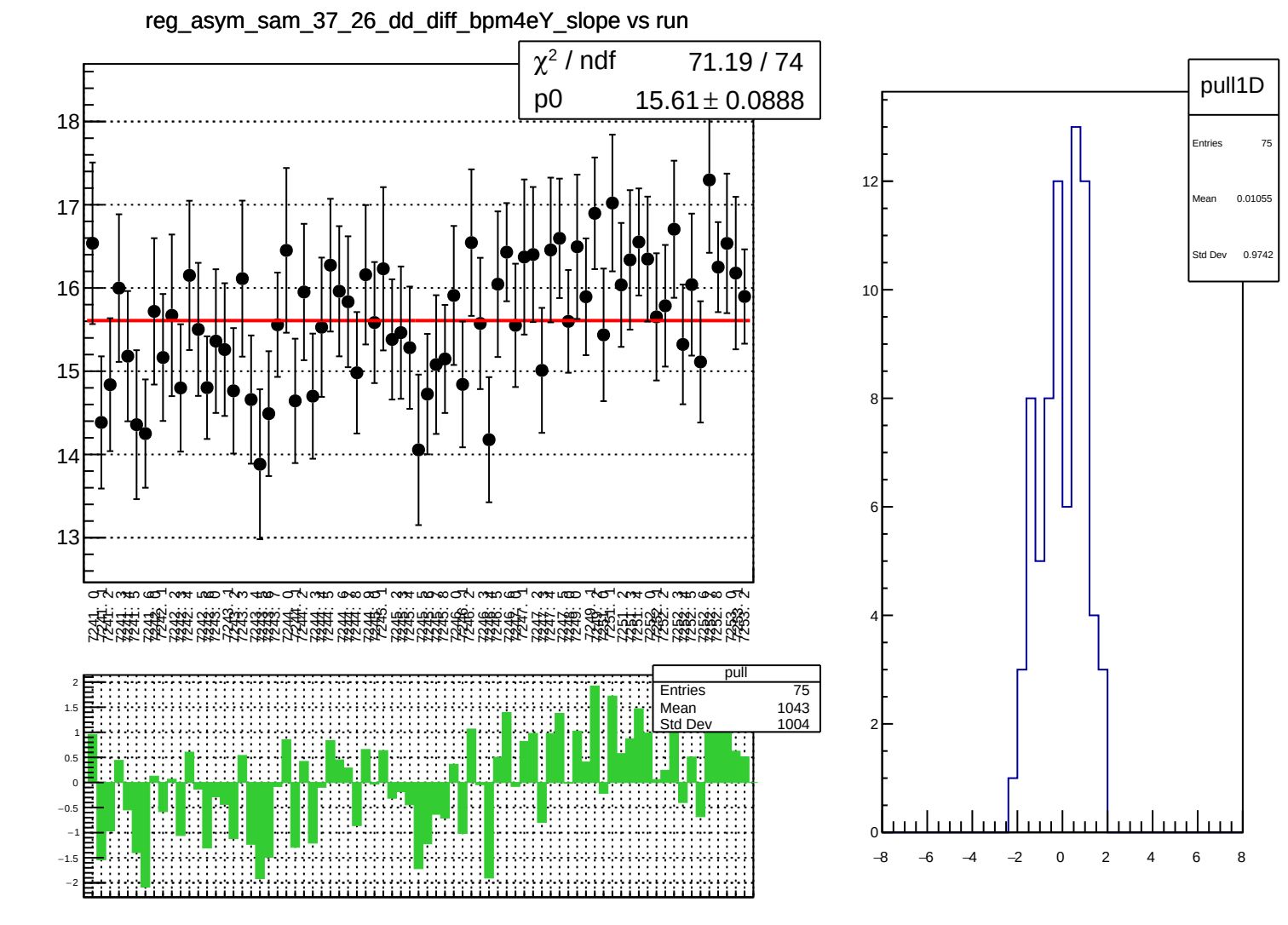

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs run
χ² / ndf 40.98 / 74
p0 1.123 ± 0.1074
pull
Entries 75
Mean −2753
Std Dev 2792

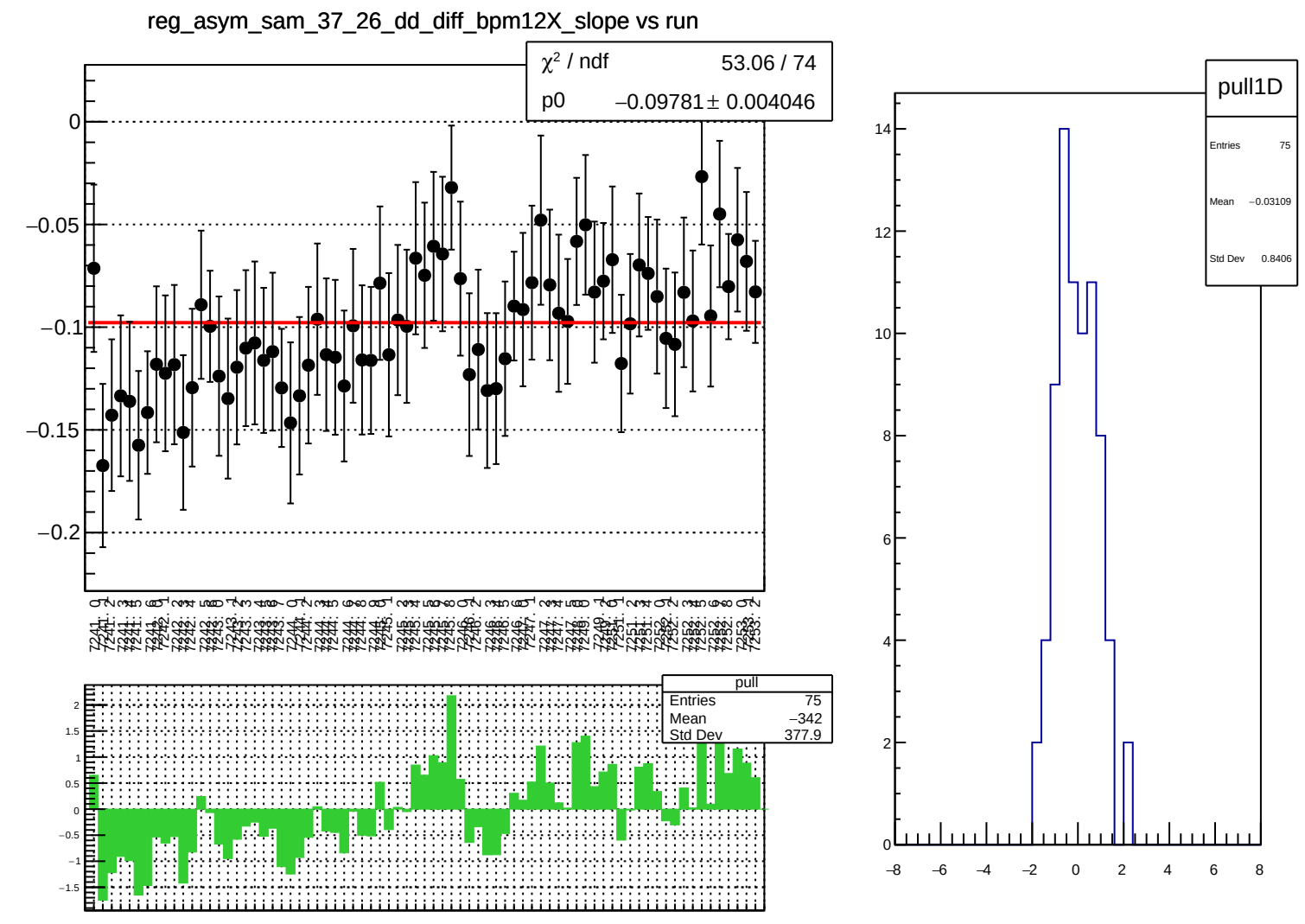

pull1D
Entries 75
Mean −0.004155
Std Dev 0.7392

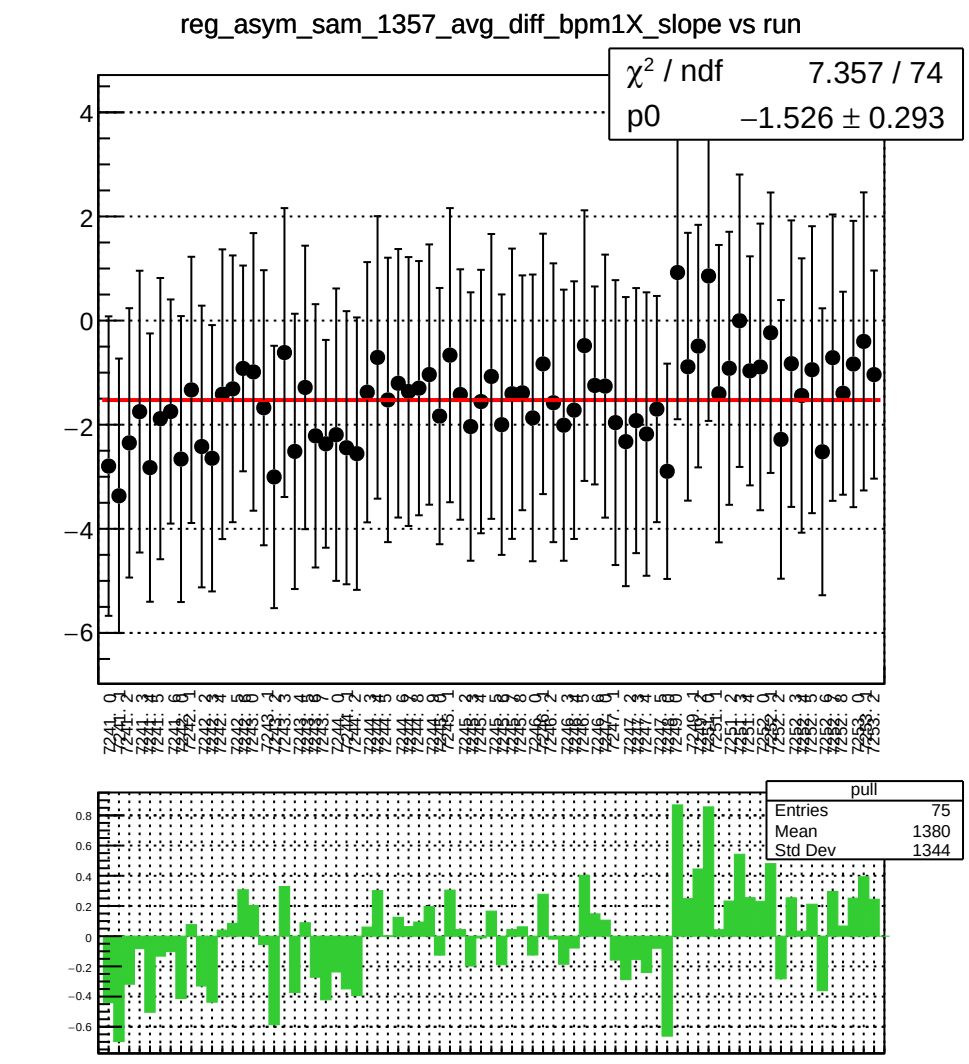

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 24.2 / 74
p0 −2.143 ± 0.0825
pull
Entries 75
Mean −201.8
Std Dev 233.2
pull1D
Entries 75
Mean 0.01561
Std Dev 0.5678

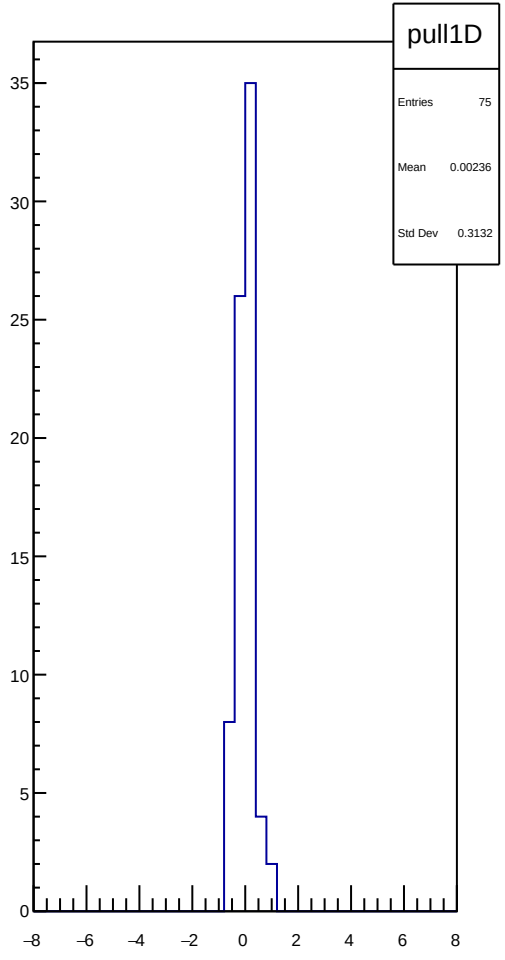

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 29.18 / 74
p0 −7.852 ± 0.1119
pull
Entries 75
Mean −1025
Std Dev 1063

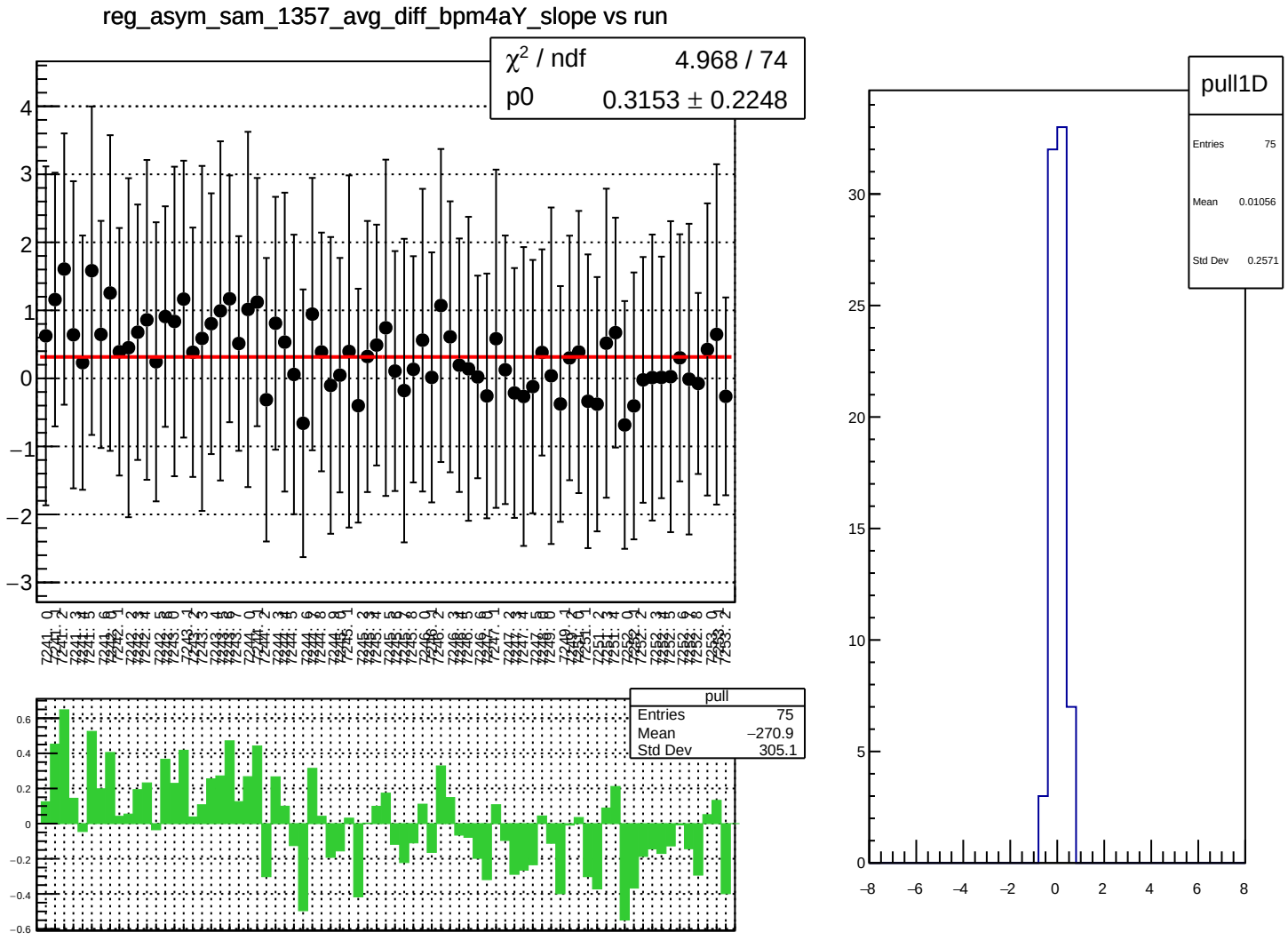

pull1D
Entries 75
Mean 0.008137
Std Dev 0.6237

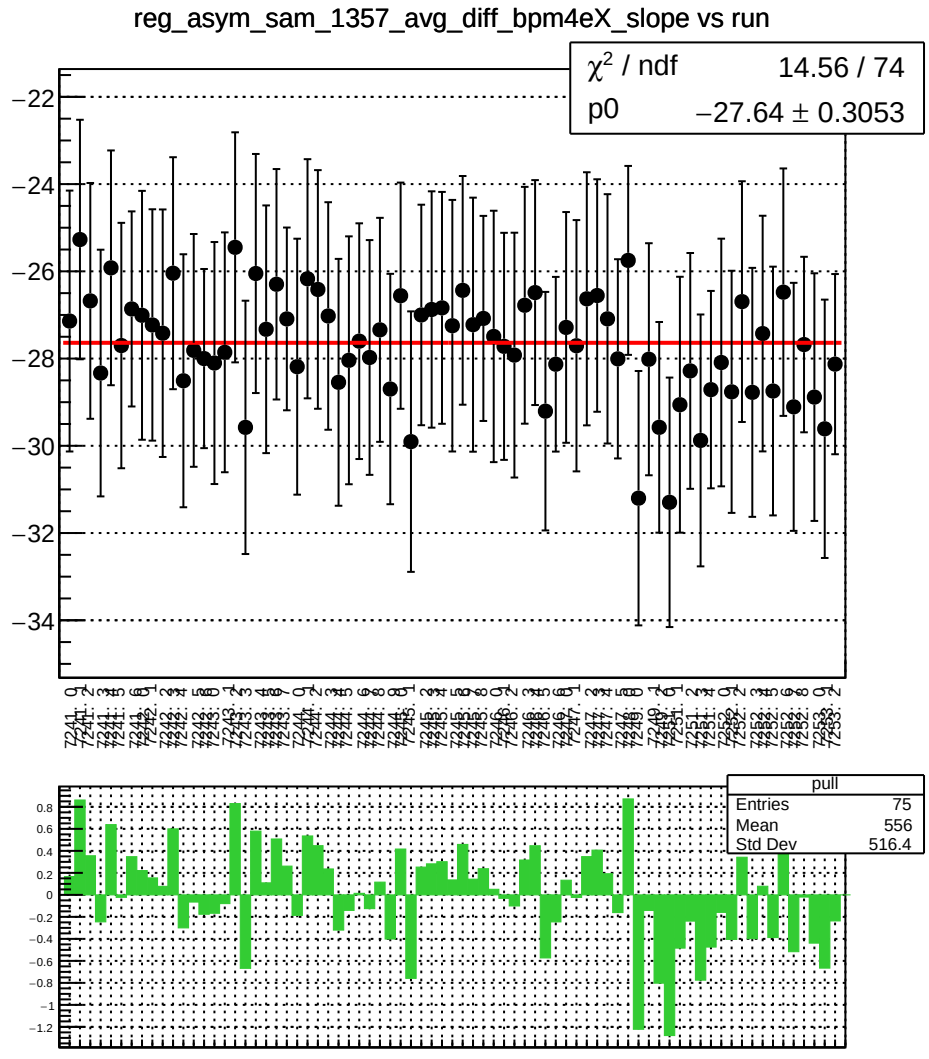

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 71.19 / 74
p0 15.61 ± 0.0888
pull
Entries 75
Mean 1043
Std Dev 1004
pull1D
Entries 75
Mean 0.01055
Std Dev 0.9742

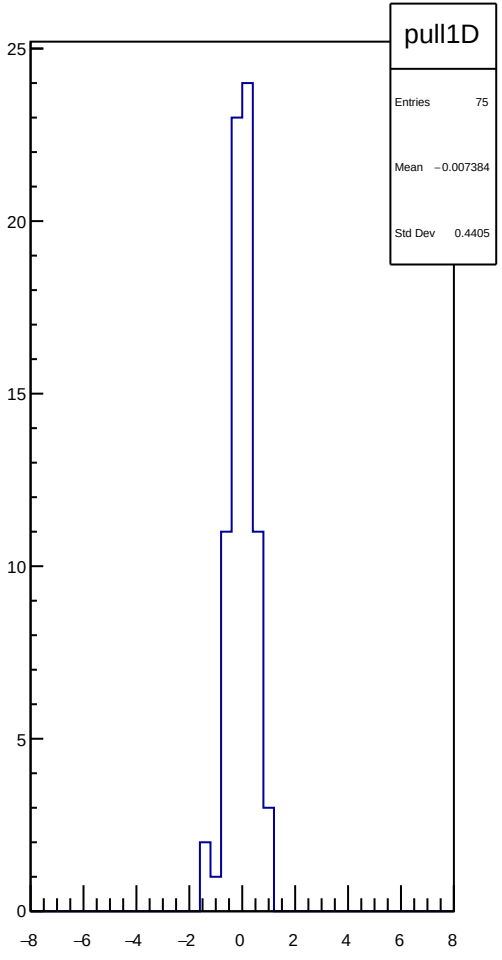

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs run
χ² / ndf 53.06 / 74
p0 −0.09781 ± 0.004046
pull
Entries 75
Mean −342
Std Dev 377.9
pull1D
Entries 75
Mean −0.03109
Std Dev 0.8406

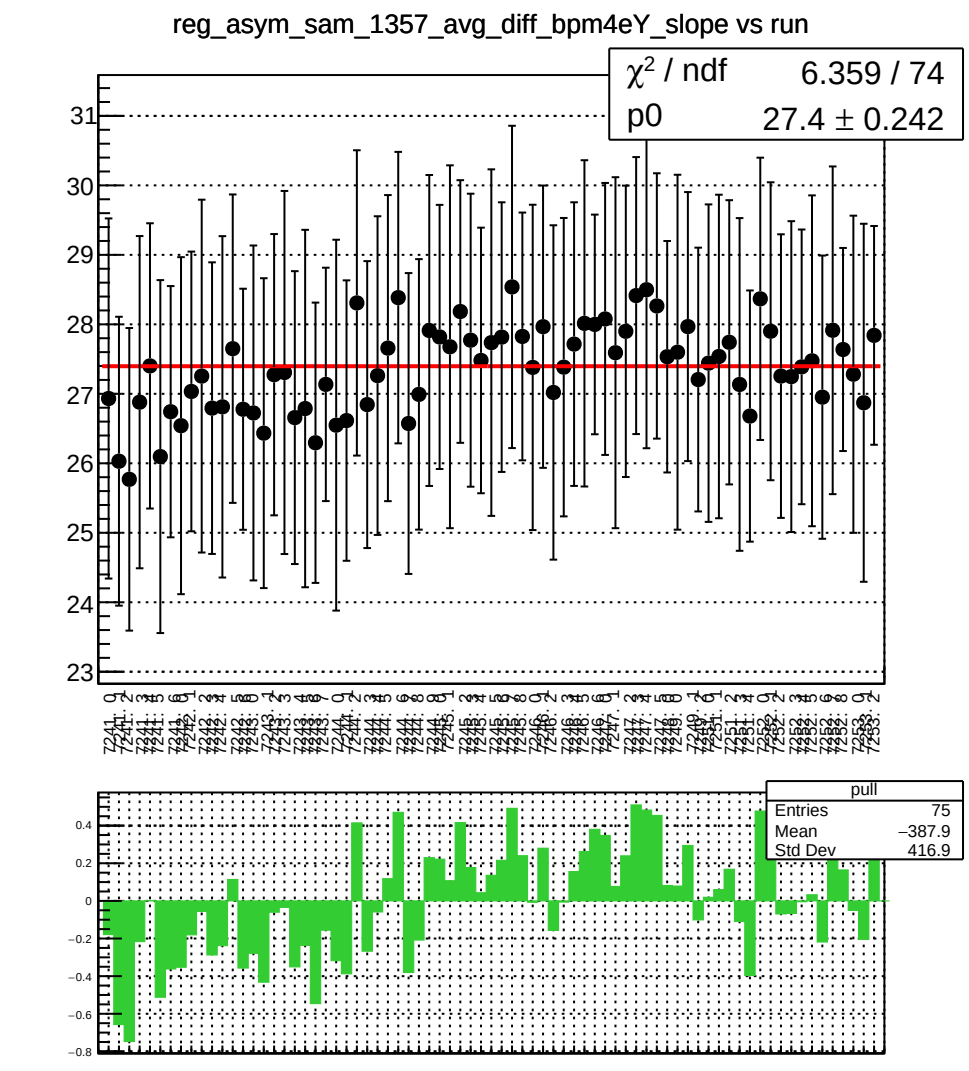

reg_asym_sam_1357_avg_diff_bpm1X_slope vs run
χ² / ndf 7.357 / 74
p0 −1.526 ± 0.293
pull
Entries 75
Mean 1380
Std Dev 1344

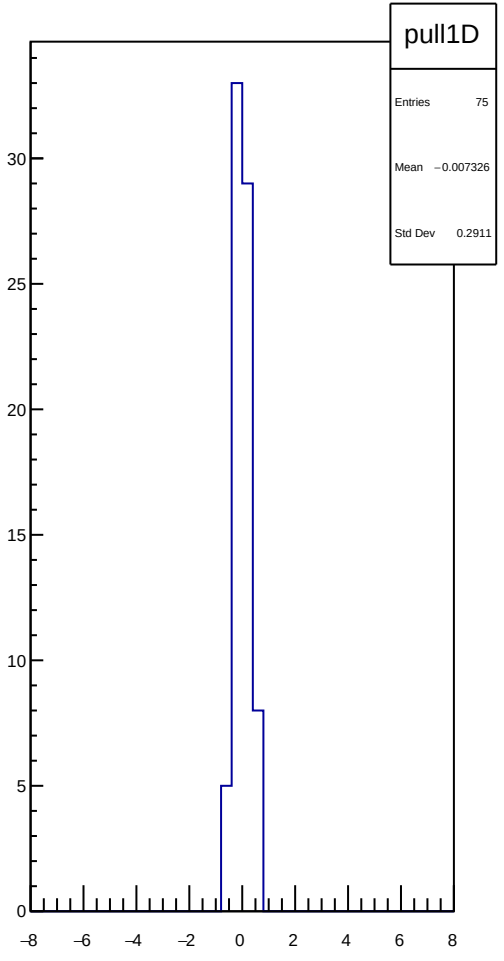

pull1D
Entries 75
Mean 0.00236
Std Dev 0.3132

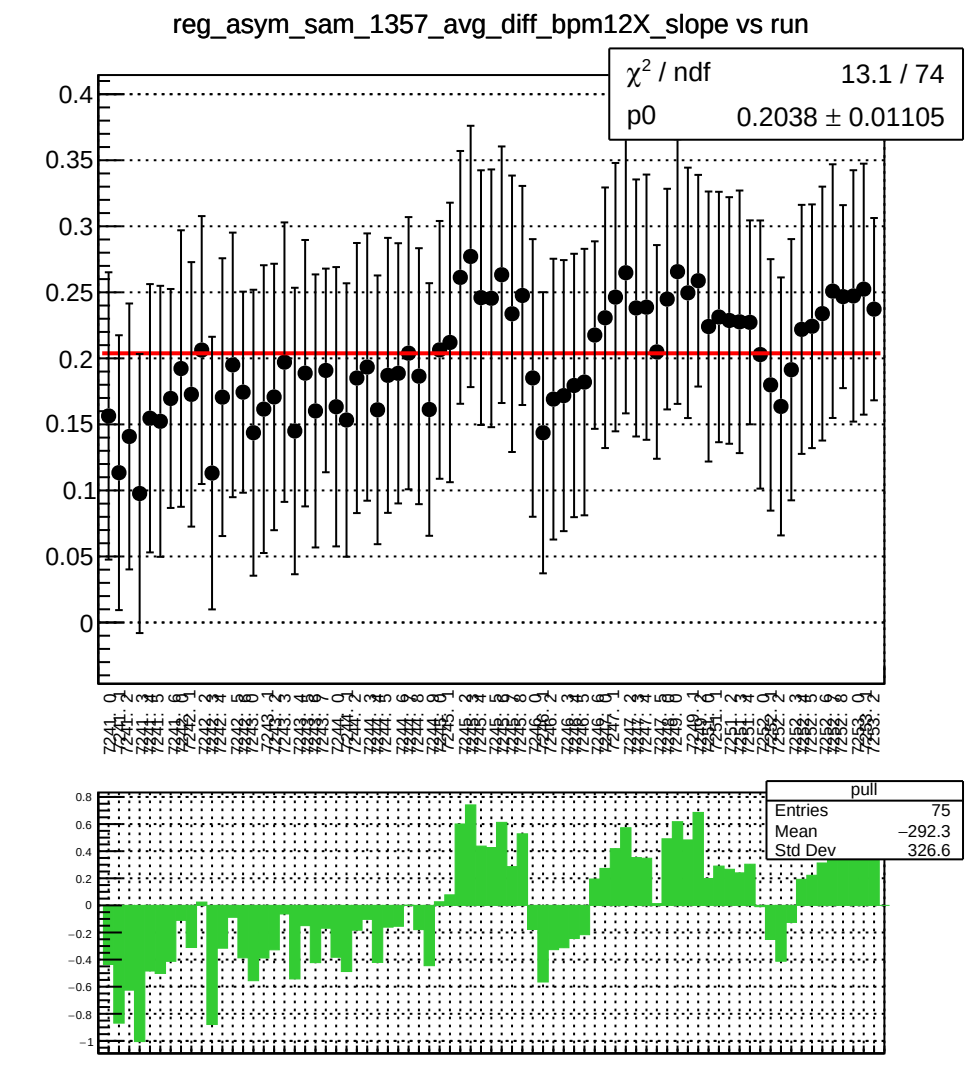

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs run
χ² / ndf 4.968 / 74
p0 0.3153 ± 0.2248
pull
Entries 75
Mean −270.9
Std Dev 305.1
pull1D
Entries 75
Mean 0.01056
Std Dev 0.2571

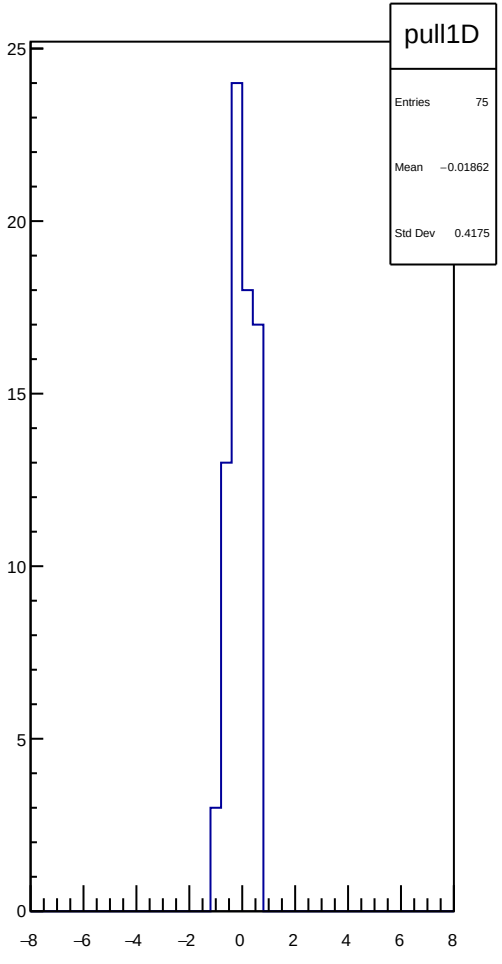

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs run
χ² / ndf 14.56 / 74
p0 −27.64 ± 0.3053
pull
Entries 75
Mean 556
Std Dev 516.4

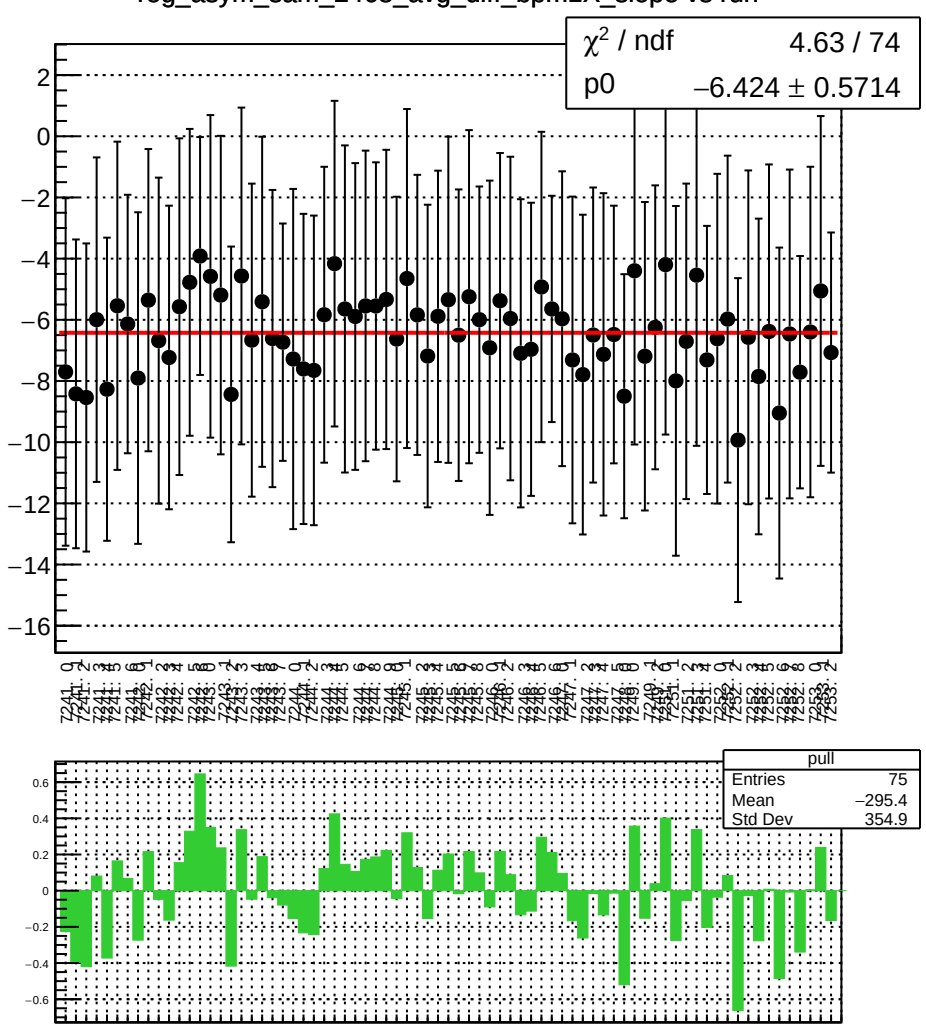

pull1D
Entries 75
Mean −0.007384
Std Dev 0.4405

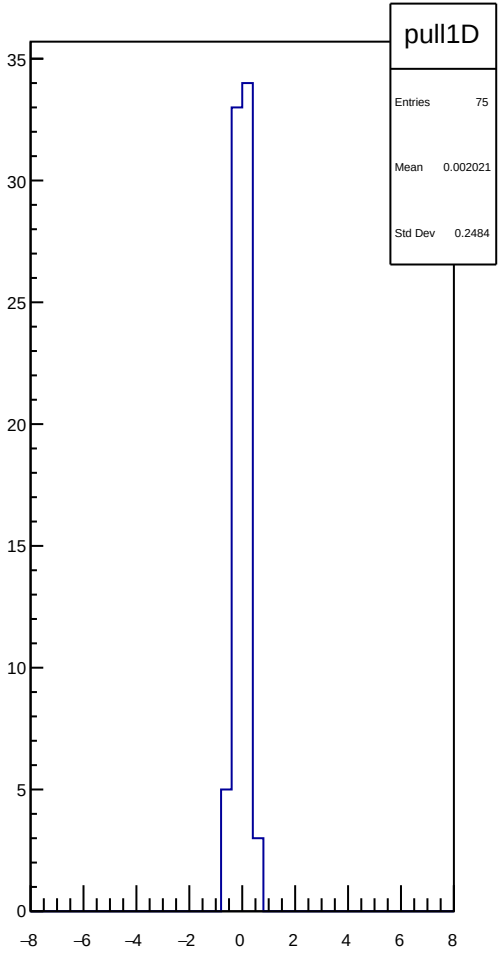

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.359 / 74
p0 27.4 ± 0.242
pull
Entries 75
Mean −387.9
Std Dev 416.9

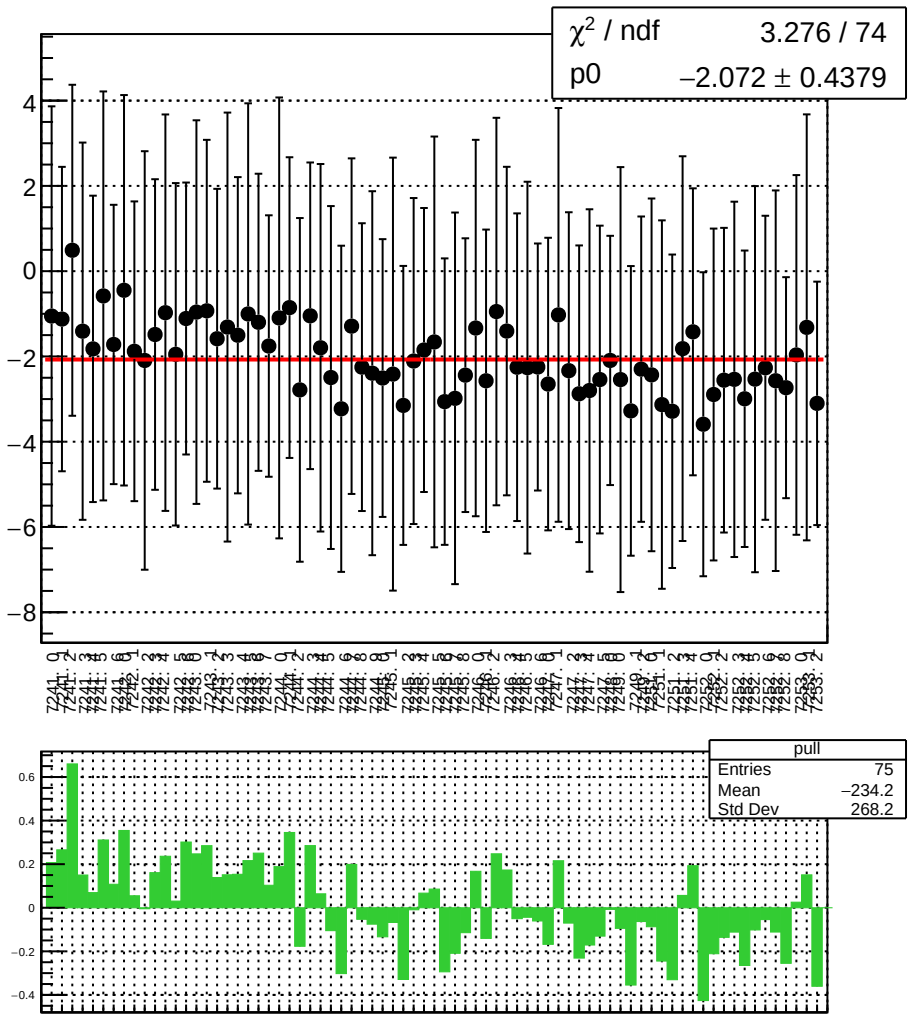

pull1D
Entries 75
Mean −0.007326
Std Dev 0.2911

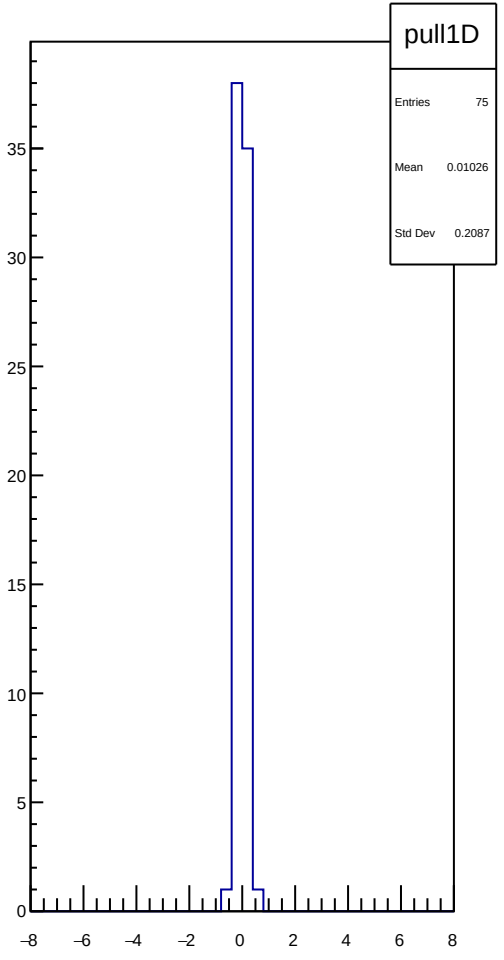

reg_asym_sam_1357_avg_diff_bpm12X_slope vs run
χ² / ndf 13.1 / 74
p0 0.2038 ± 0.01105
pull
Entries 75
Mean −292.3
Std Dev 326.6

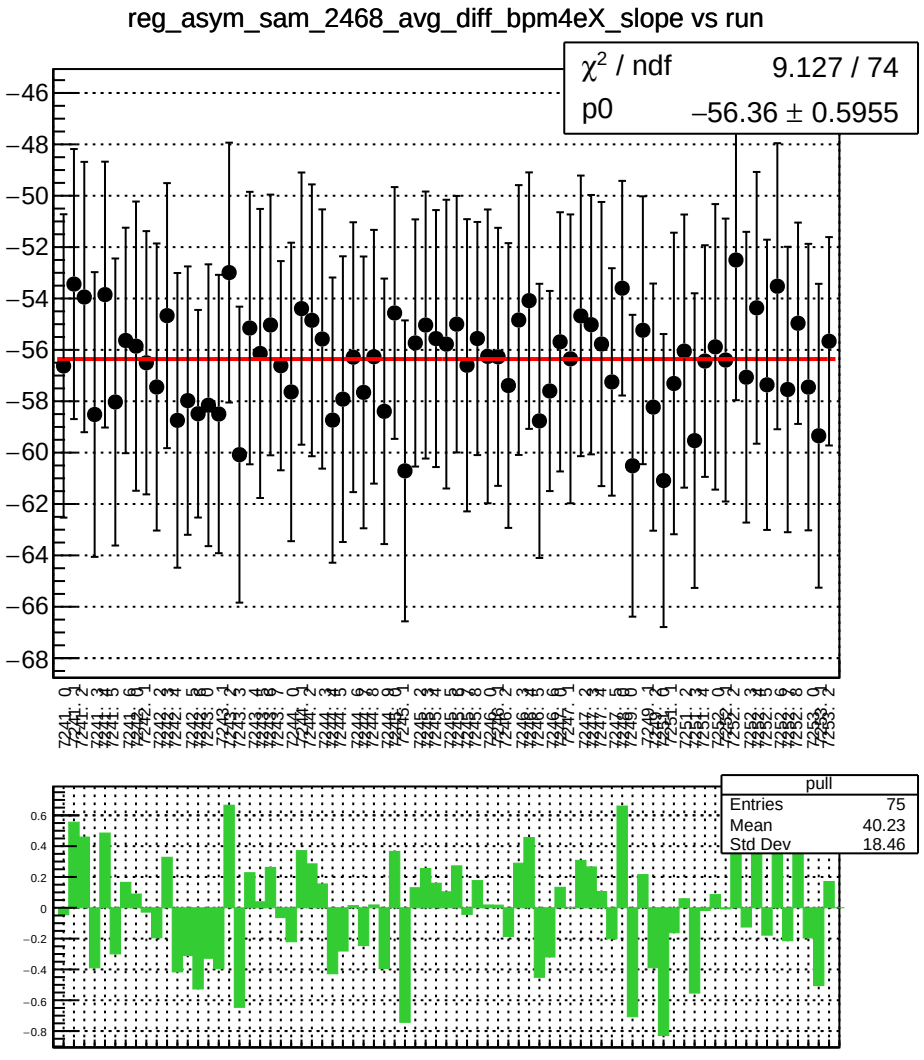

pull1D
Entries 75
Mean −0.01862
Std Dev 0.4175

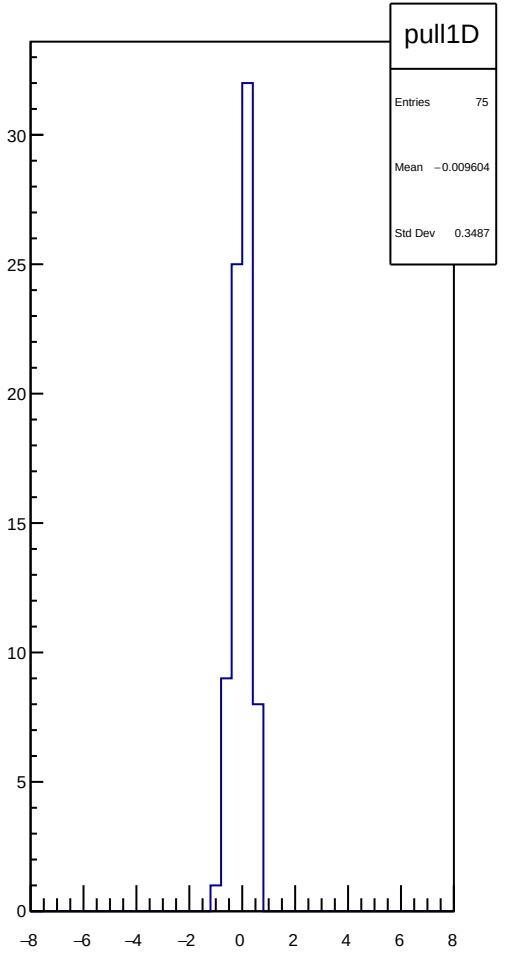

reg_asym_sam_2468_avg_diff_bpm1X_slope vs run
χ² / ndf 4.63 / 74
p0 −6.424 ± 0.5714
pull
Entries 75
Mean −295.4
Std Dev 354.9

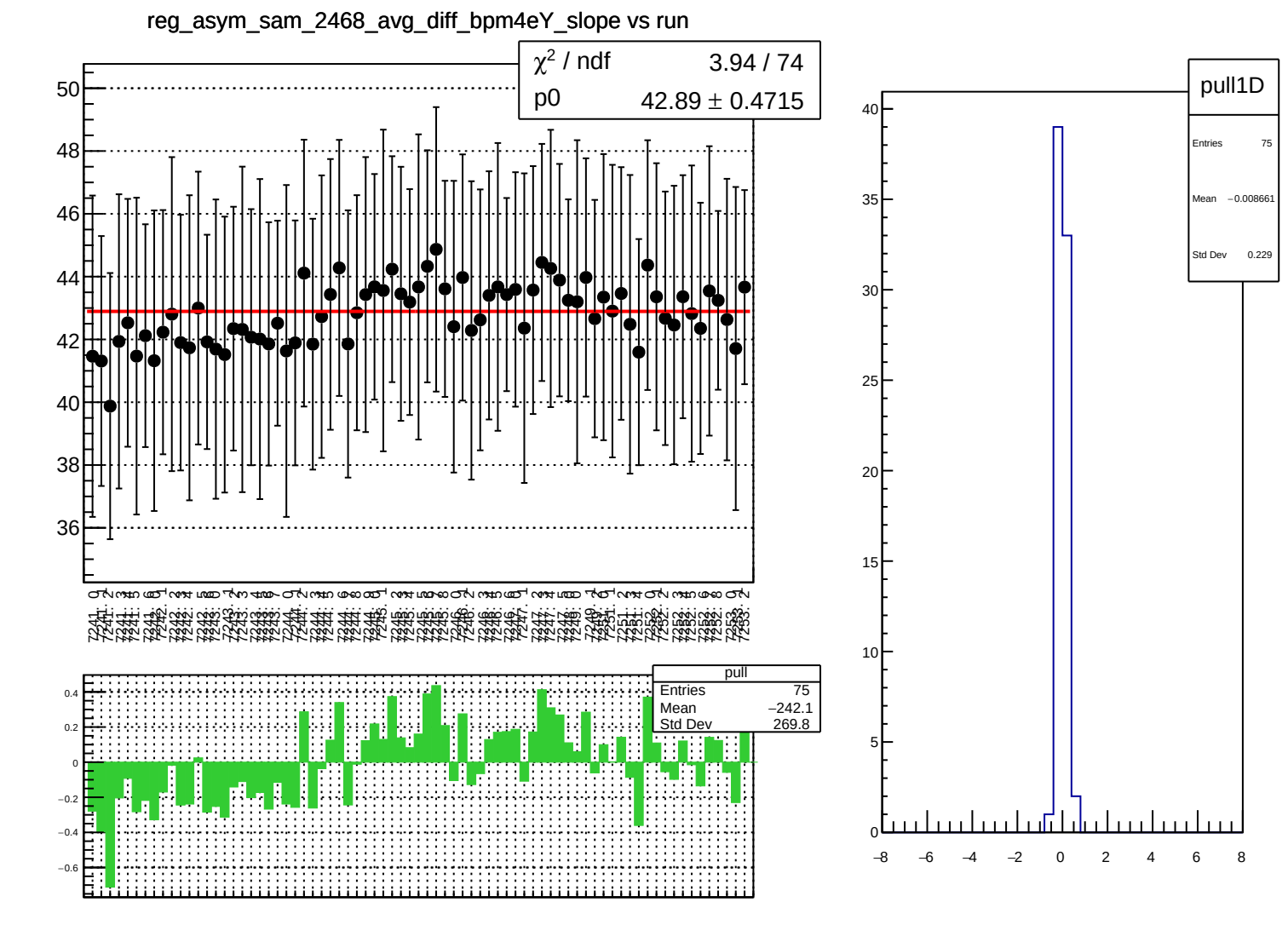

pull1D
Entries 75
Mean 0.002021
Std Dev 0.2484

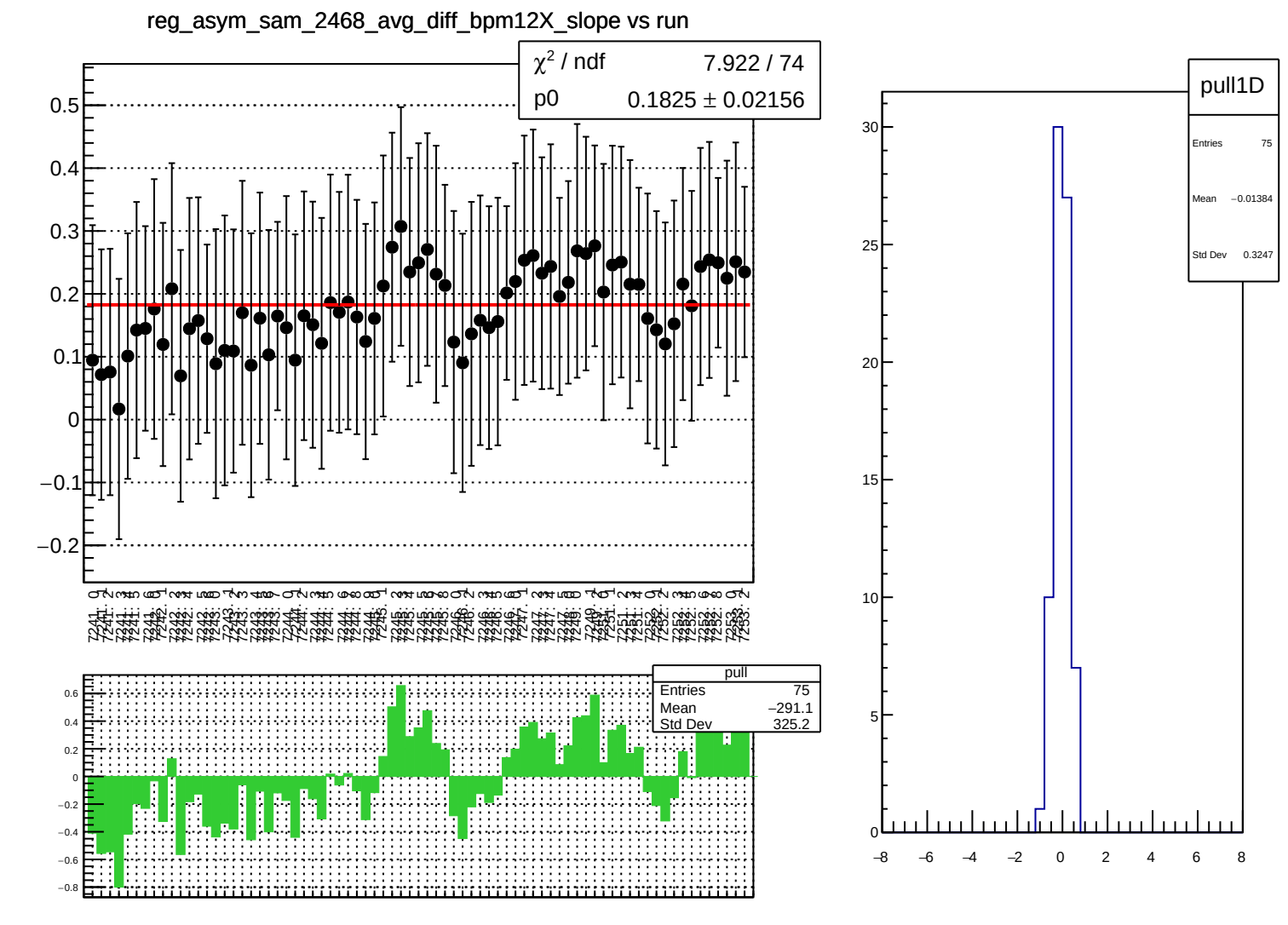

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs run
χ² / ndf 3.276 / 74
p0 −2.072 ± 0.4379
pull
Entries 75
Mean −234.2
Std Dev 268.2

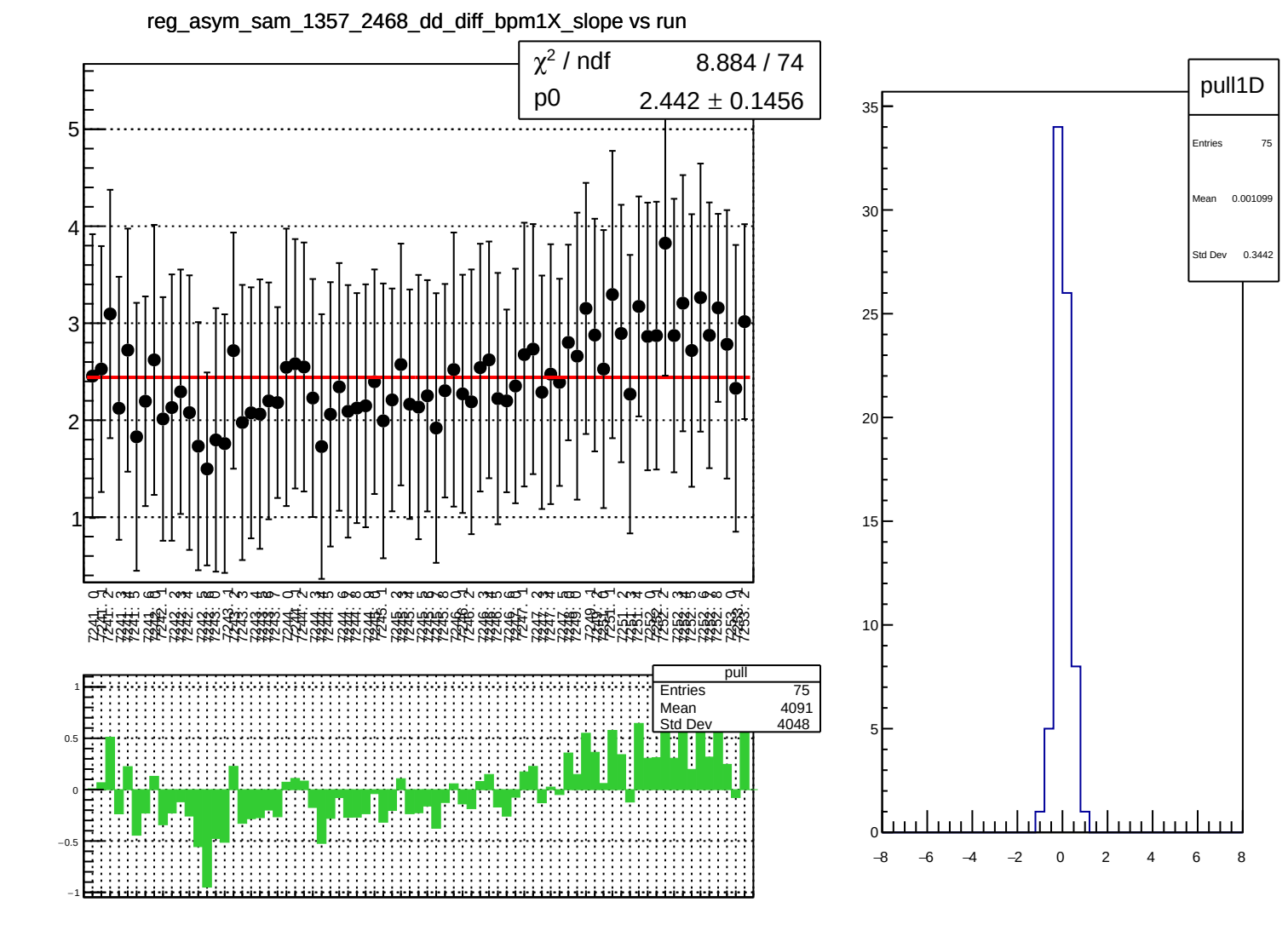

pull1D
Entries 75
Mean 0.01026
Std Dev 0.2087

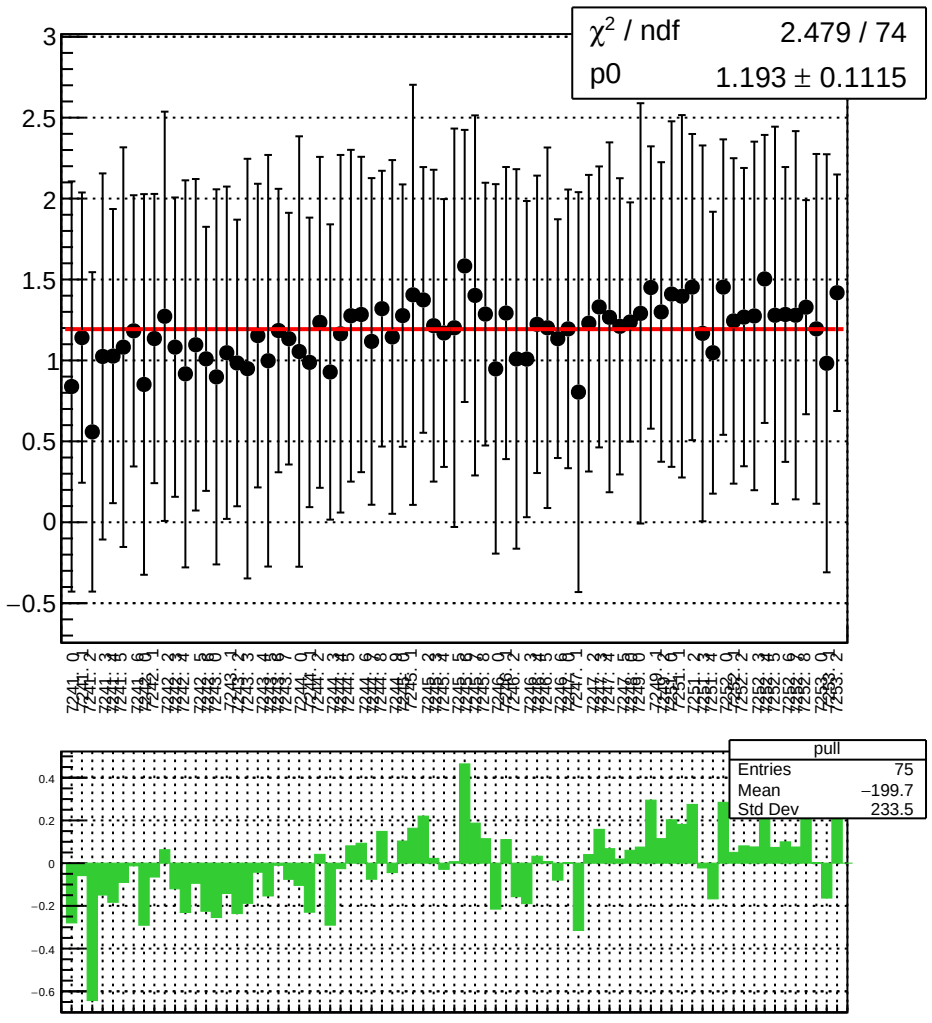

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs run
χ² / ndf 9.127 / 74
p0 −56.36 ± 0.5955
pull
Entries 75
Mean 40.23
Std Dev 18.46

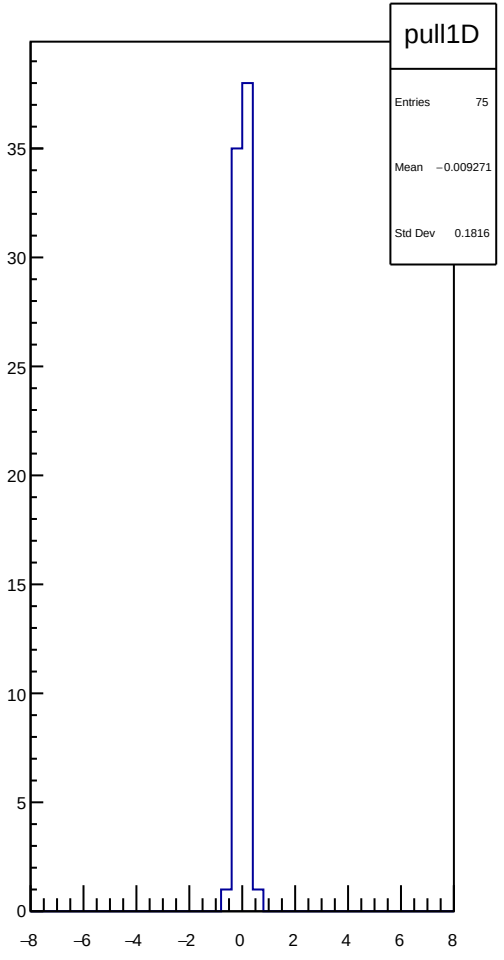

pull1D
Entries 75
Mean −0.009604
Std Dev 0.3487

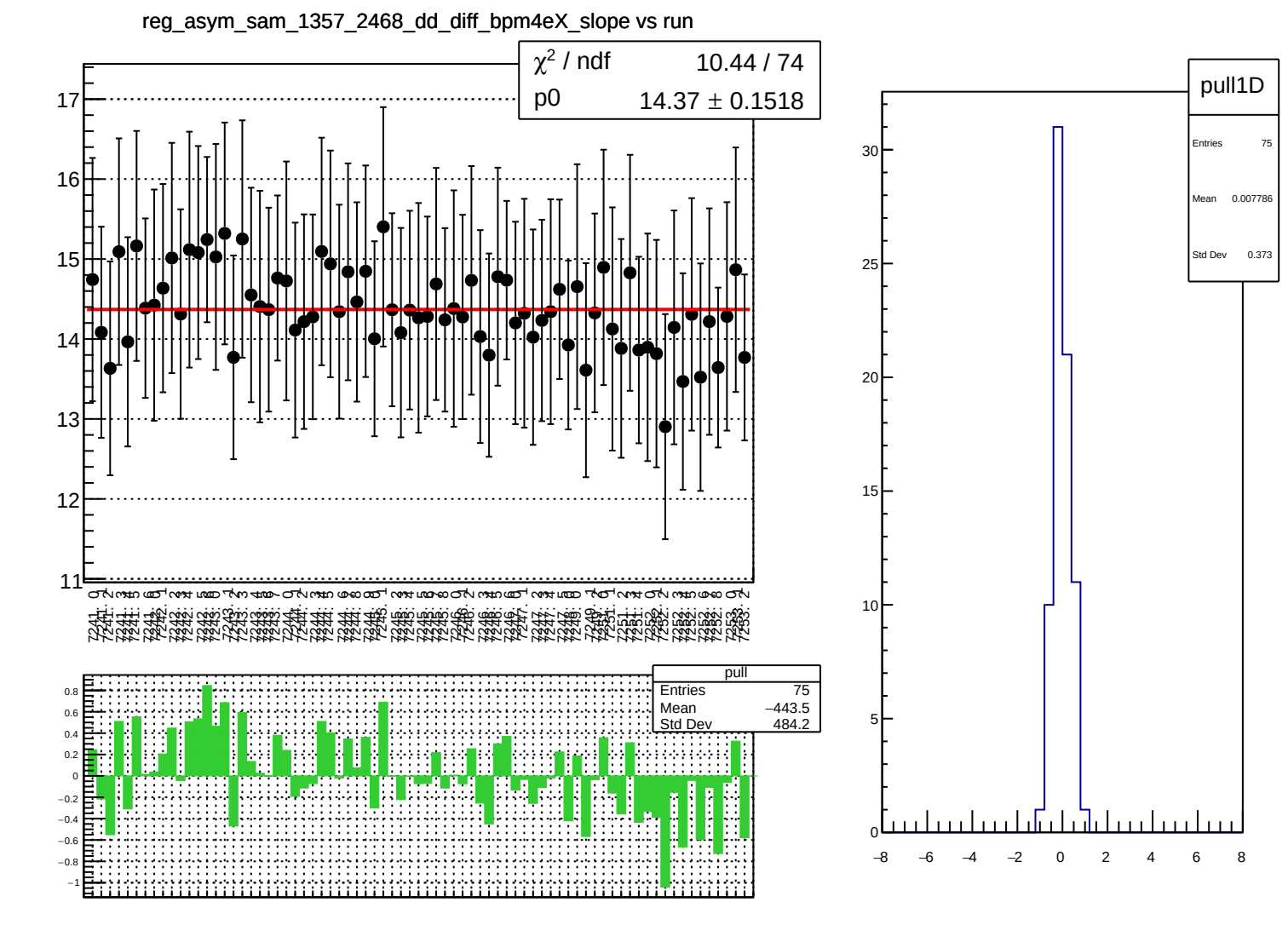

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs run
χ² / ndf 3.94 / 74
p0 42.89 ± 0.4715
pull
Entries 75
Mean −242.1
Std Dev 269.8
pull1D
Entries 75
Mean −0.008661
Std Dev 0.229

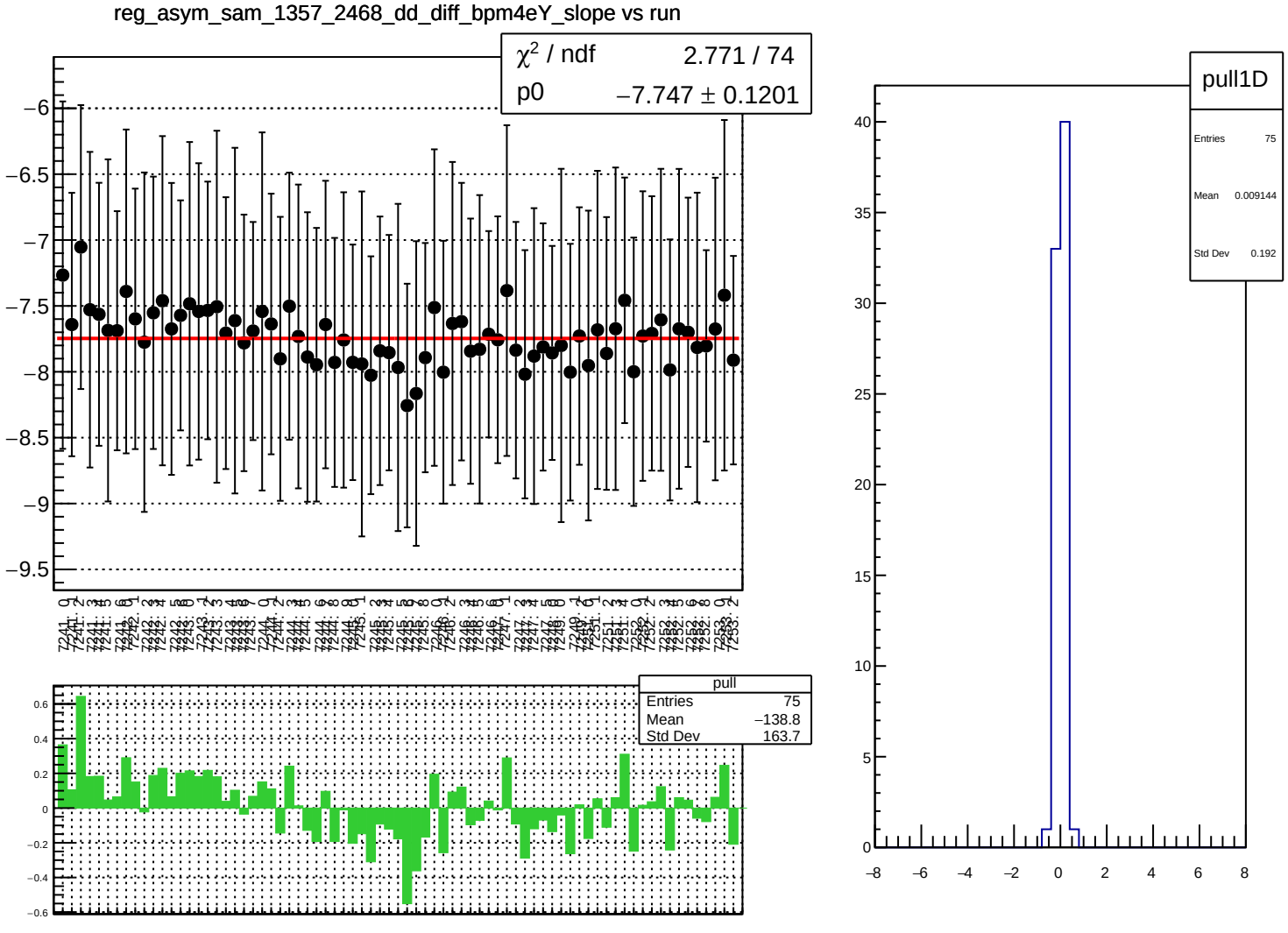

reg_asym_sam_2468_avg_diff_bpm12X_slope vs run
χ² / ndf 7.922 / 74
p0 0.1825 ± 0.02156
pull
Entries 75
Mean −291.1
Std Dev 325.2
pull1D
Entries 75
Mean −0.01384
Std Dev 0.3247

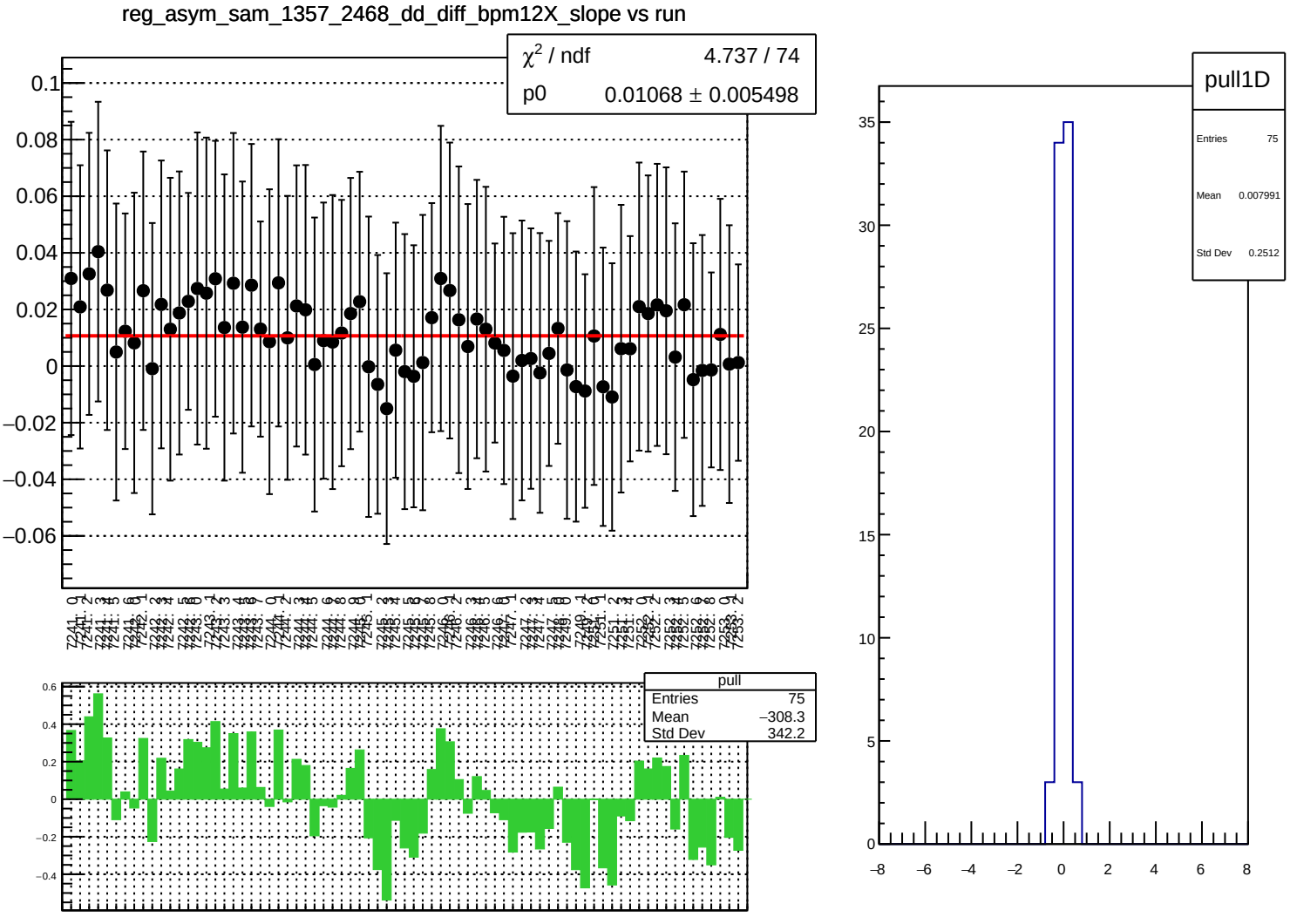

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs run
χ² / ndf 8.884 / 74
p0 2.442 ± 0.1456
pull
Entries 75
Mean 4091
Std Dev 4048
pull1D
Entries 75
Mean 0.001099
Std Dev 0.3442

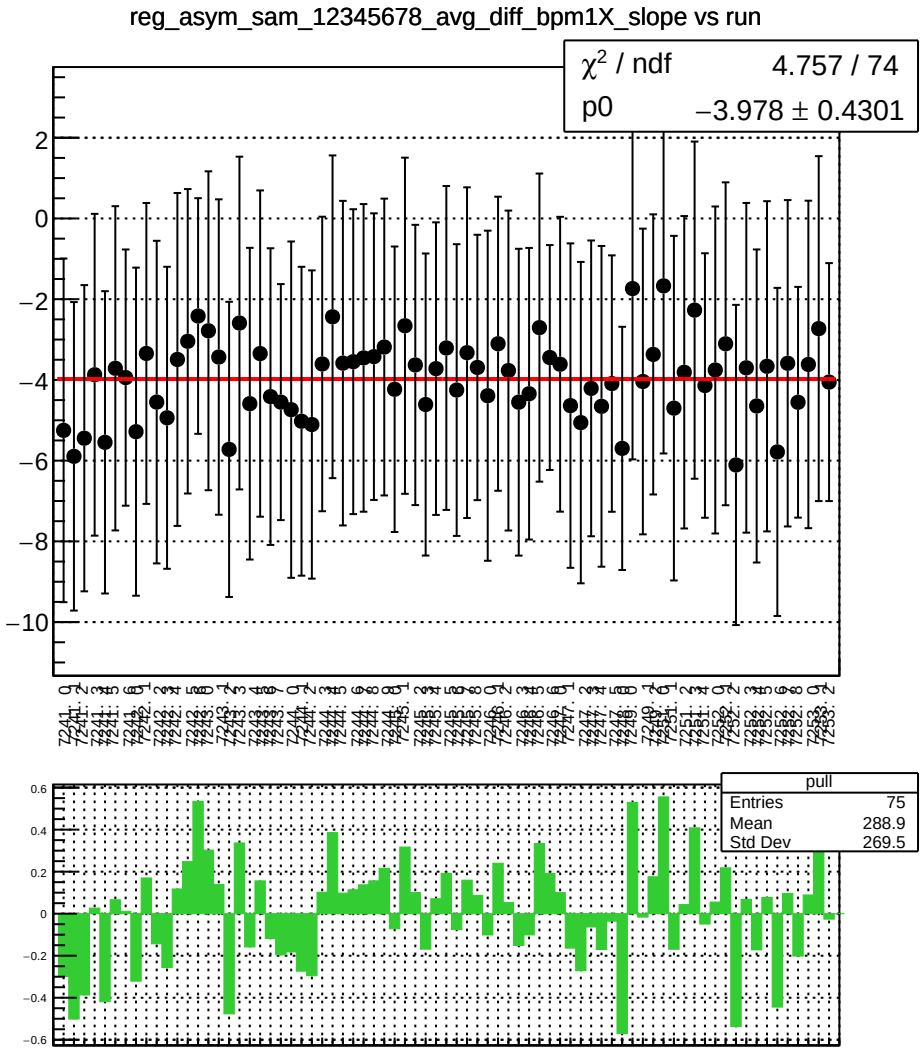

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs run
χ² / ndf 2.479 / 74
p0 1.193 ± 0.1115
pull
Entries 75
Mean −199.7
Std Dev 233.5

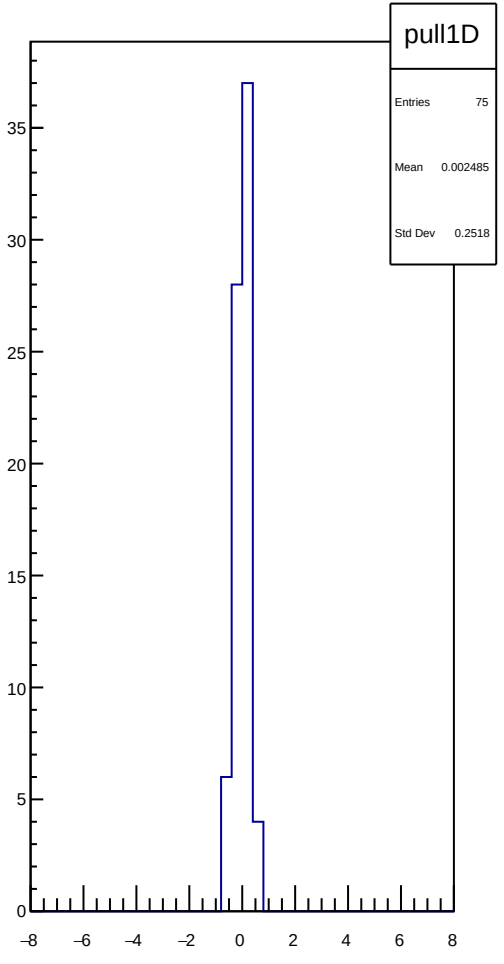

pull1D
Entries 75
Mean −0.009271
Std Dev 0.1816

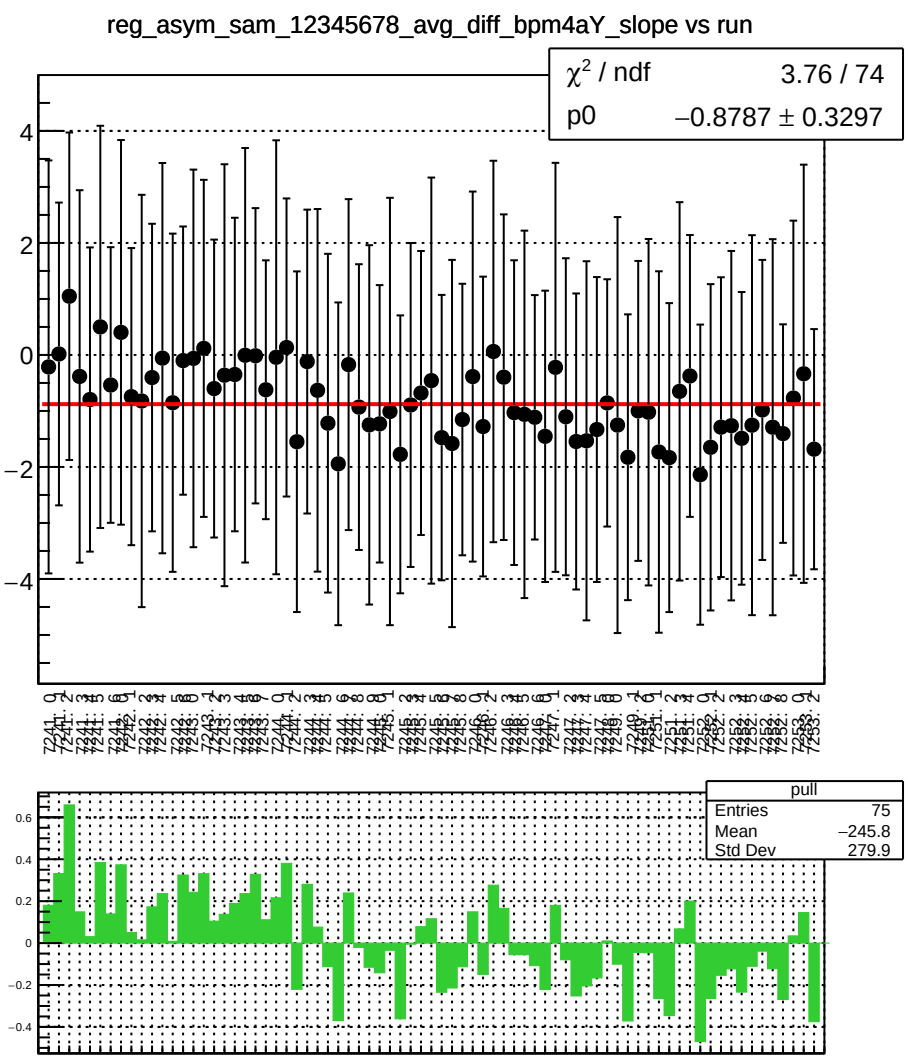

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs run
χ² / ndf 10.44 / 74
p0 14.37 ± 0.1518
pull
Entries 75
Mean −443.5
Std Dev 484.2
pull1D
Entries 75
Mean 0.007786
Std Dev 0.373

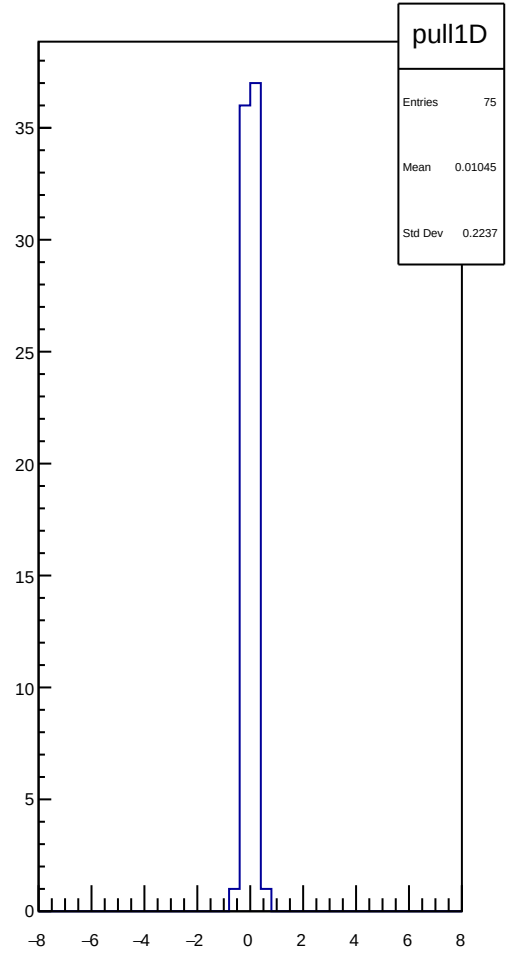

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs run
χ² / ndf 2.771 / 74
p0 −7.747 ± 0.1201
pull
Entries 75
Mean −138.8
Std Dev 163.7
pull1D
Entries 75
Mean 0.009144
Std Dev 0.192

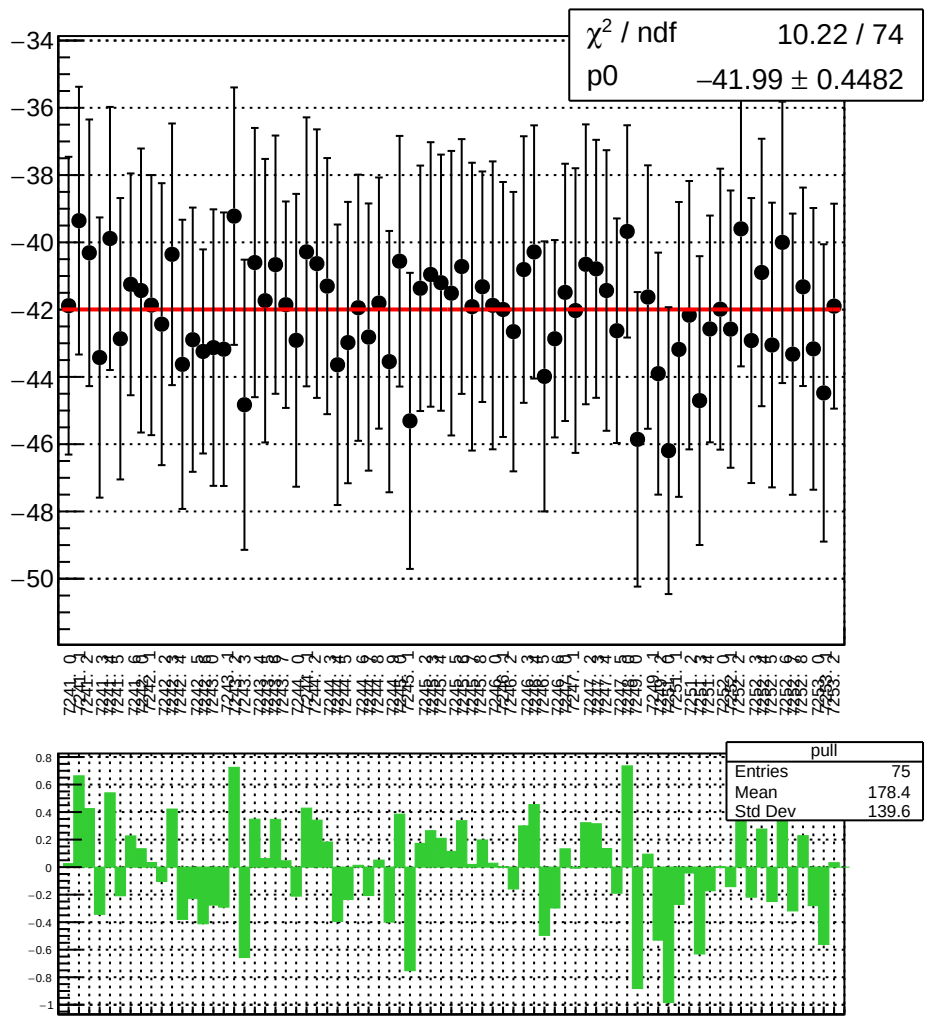

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs run
χ² / ndf 4.737 / 74
p0 0.01068 ± 0.005498
pull
Entries 75
Mean −308.3
Std Dev 342.2
pull1D
Entries 75
Mean 0.007991
Std Dev 0.2512

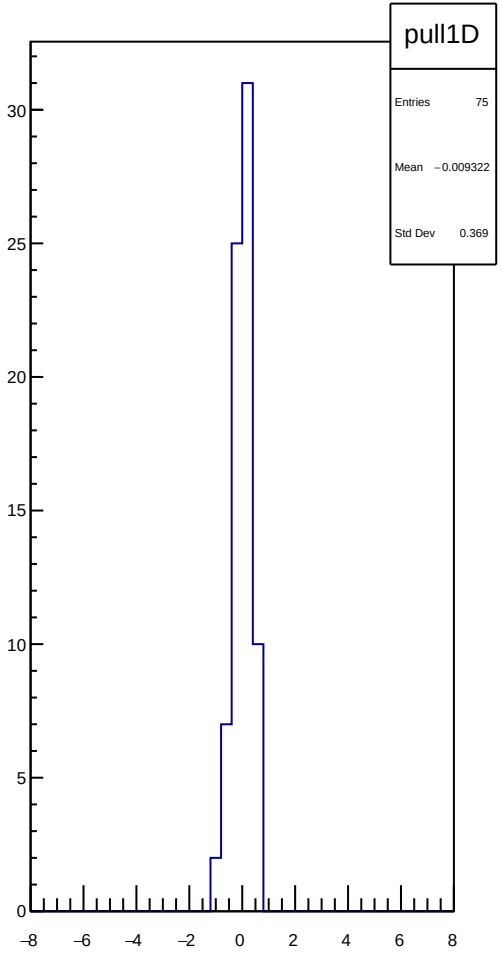

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs run
χ² / ndf 4.757 / 74
p0 −3.978 ± 0.4301
pull
Entries 75
Mean 288.9
Std Dev 269.5

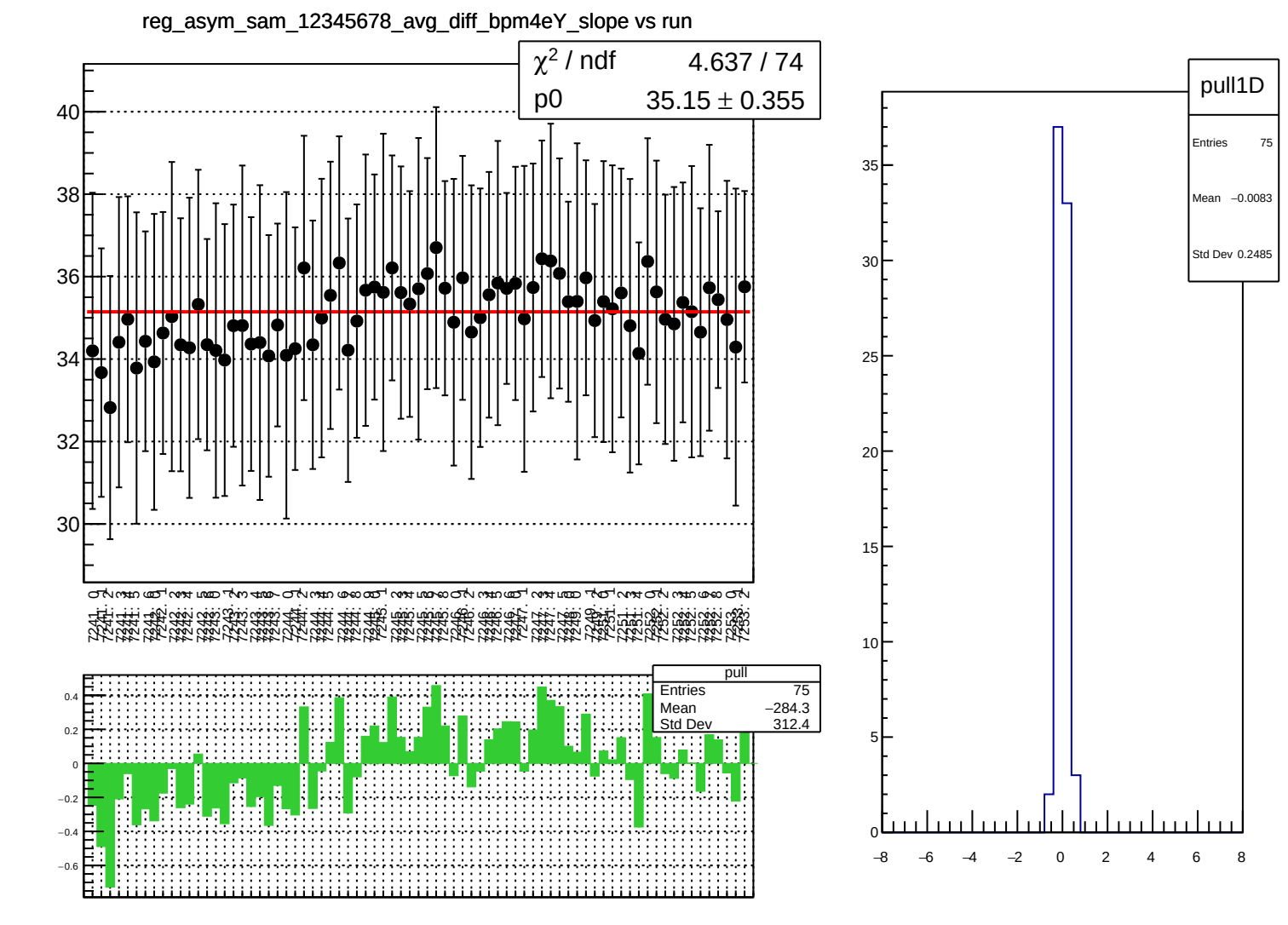

pull1D
Entries 75
Mean 0.002485
Std Dev 0.2518

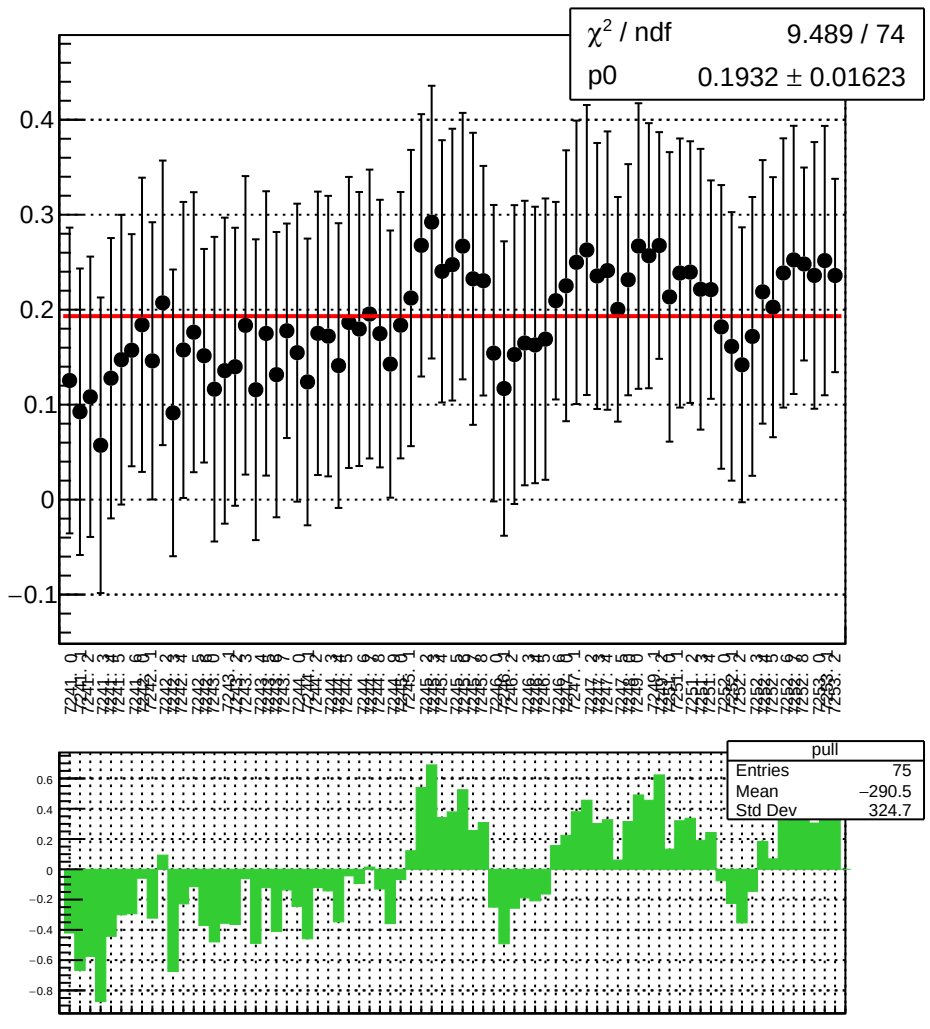

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs run
χ² / ndf 3.76 / 74
p0 −0.8787 ± 0.3297
pull
Entries 75
Mean −245.8
Std Dev 279.9

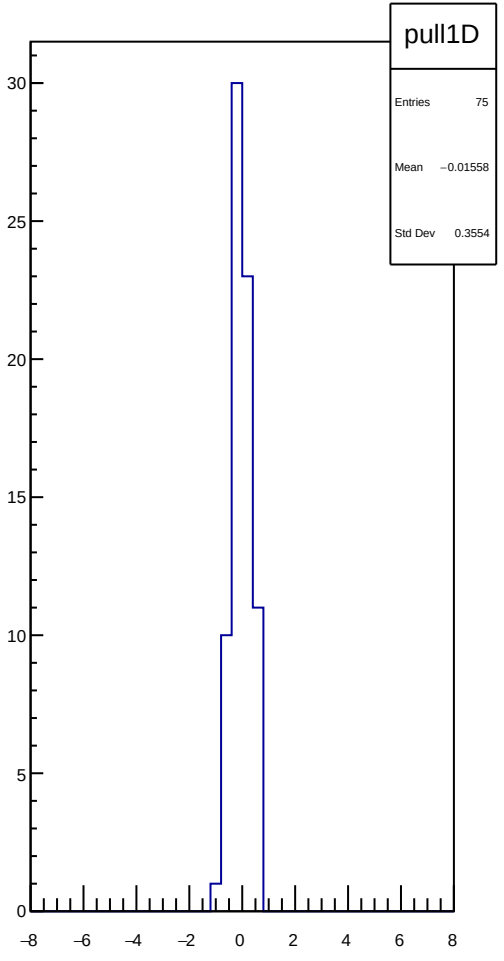

pull1D
Entries 75
Mean 0.01045
Std Dev 0.2237

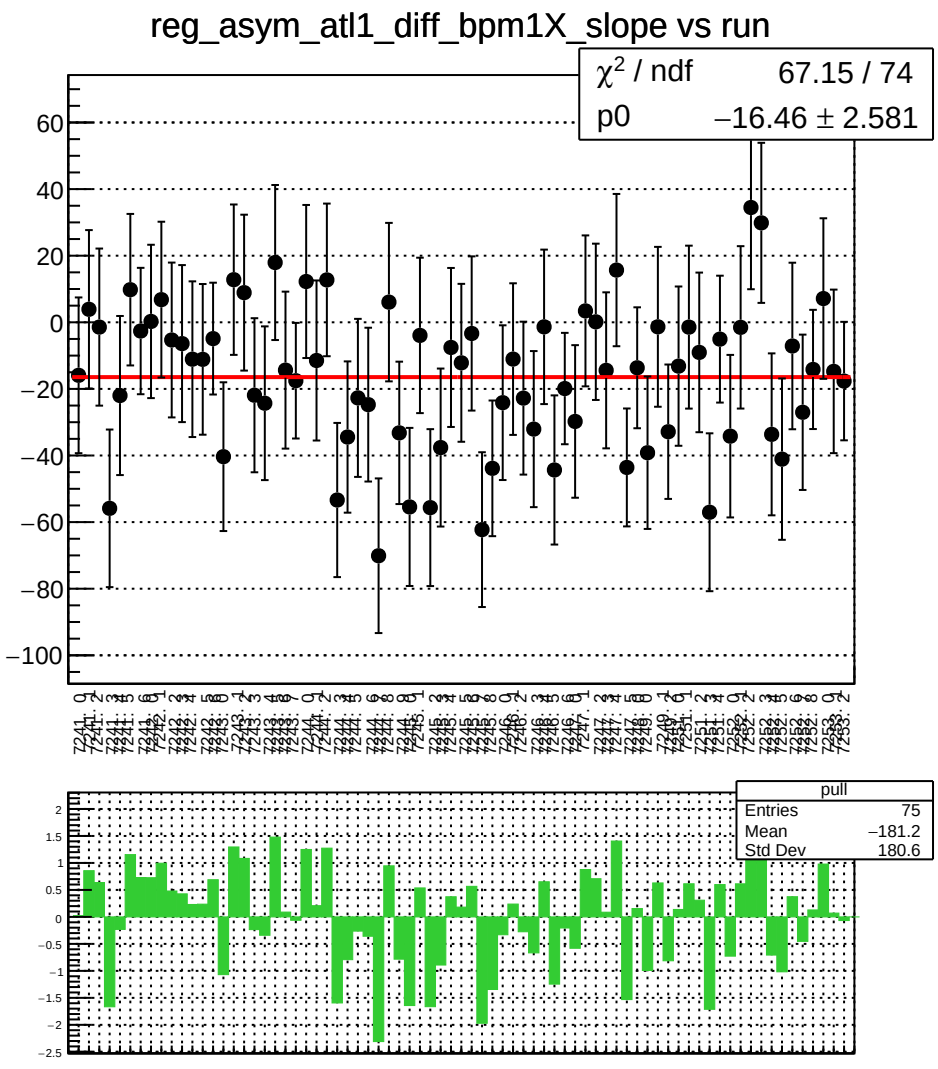

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs run
χ² / ndf 10.22 / 74
p0 −41.99 ± 0.4482
pull
Entries 75
Mean 178.4
Std Dev 139.6

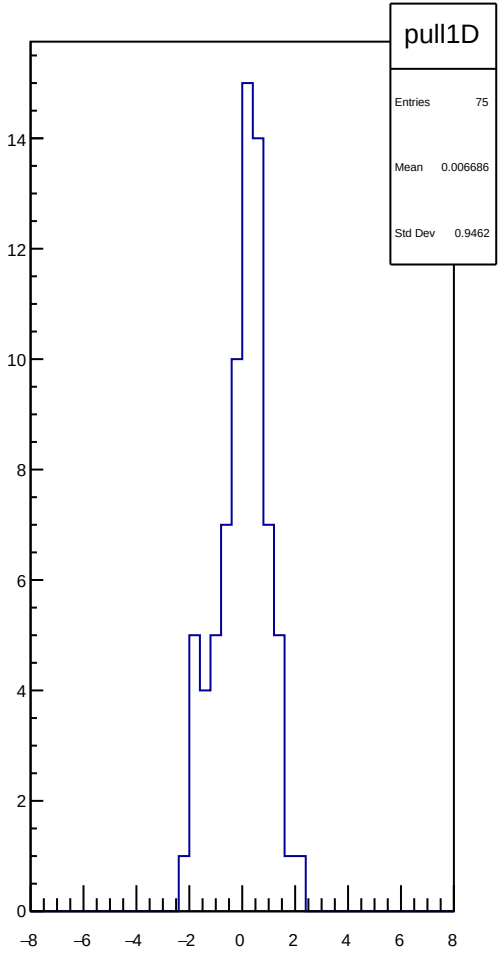

pull1D
Entries 75
Mean −0.009322
Std Dev 0.369

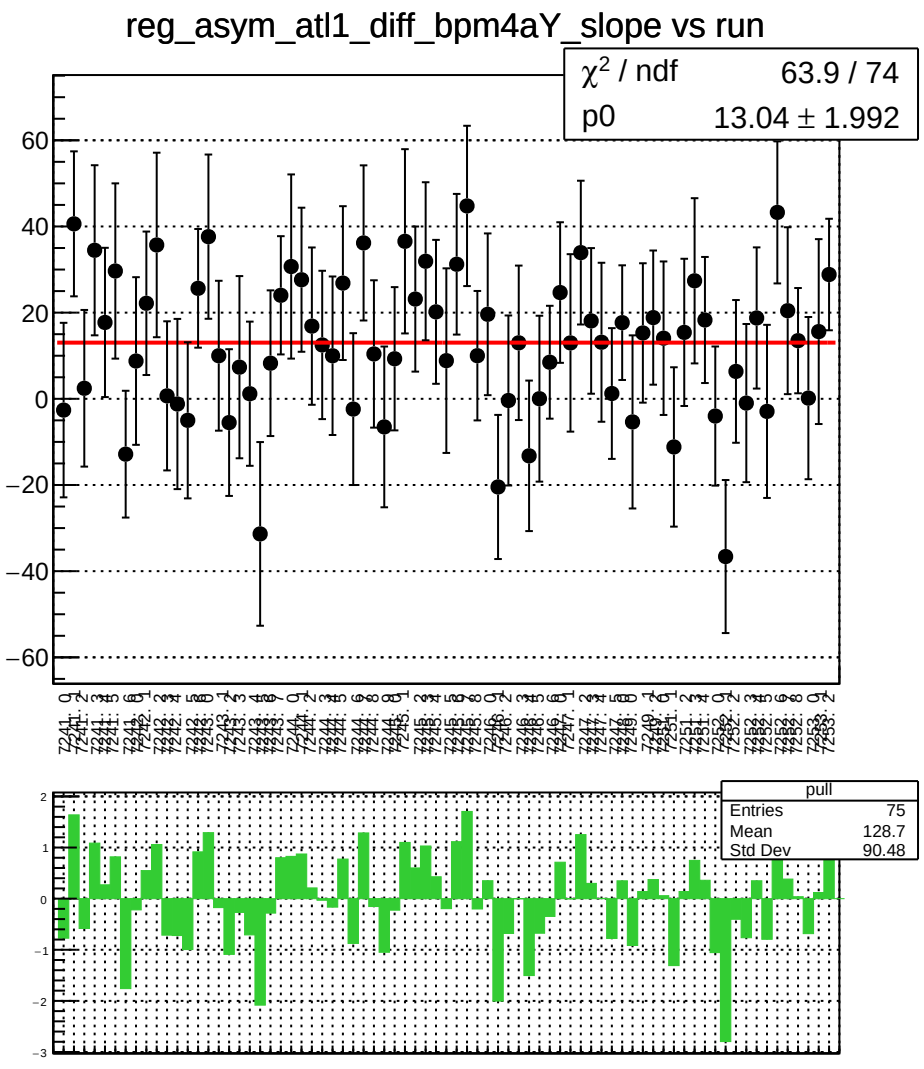

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs run
χ² / ndf 4.637 / 74
p0 35.15 ± 0.355
pull
Entries 75
Mean −284.3
Std Dev 312.4
pull1D
Entries 75
Mean −0.0083
Std Dev 0.2485

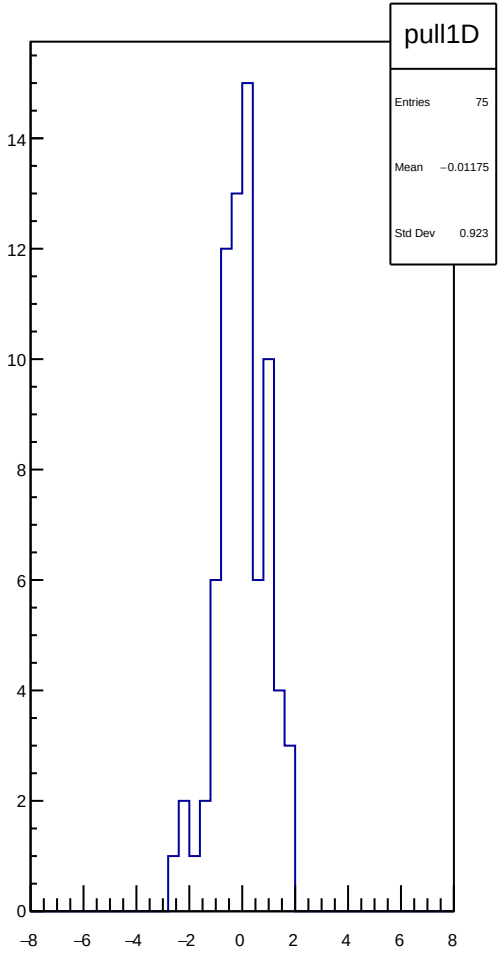

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs run
χ² / ndf 9.489 / 74
p0 0.1932 ± 0.01623
pull
Entries 75
Mean −290.5
Std Dev 324.7

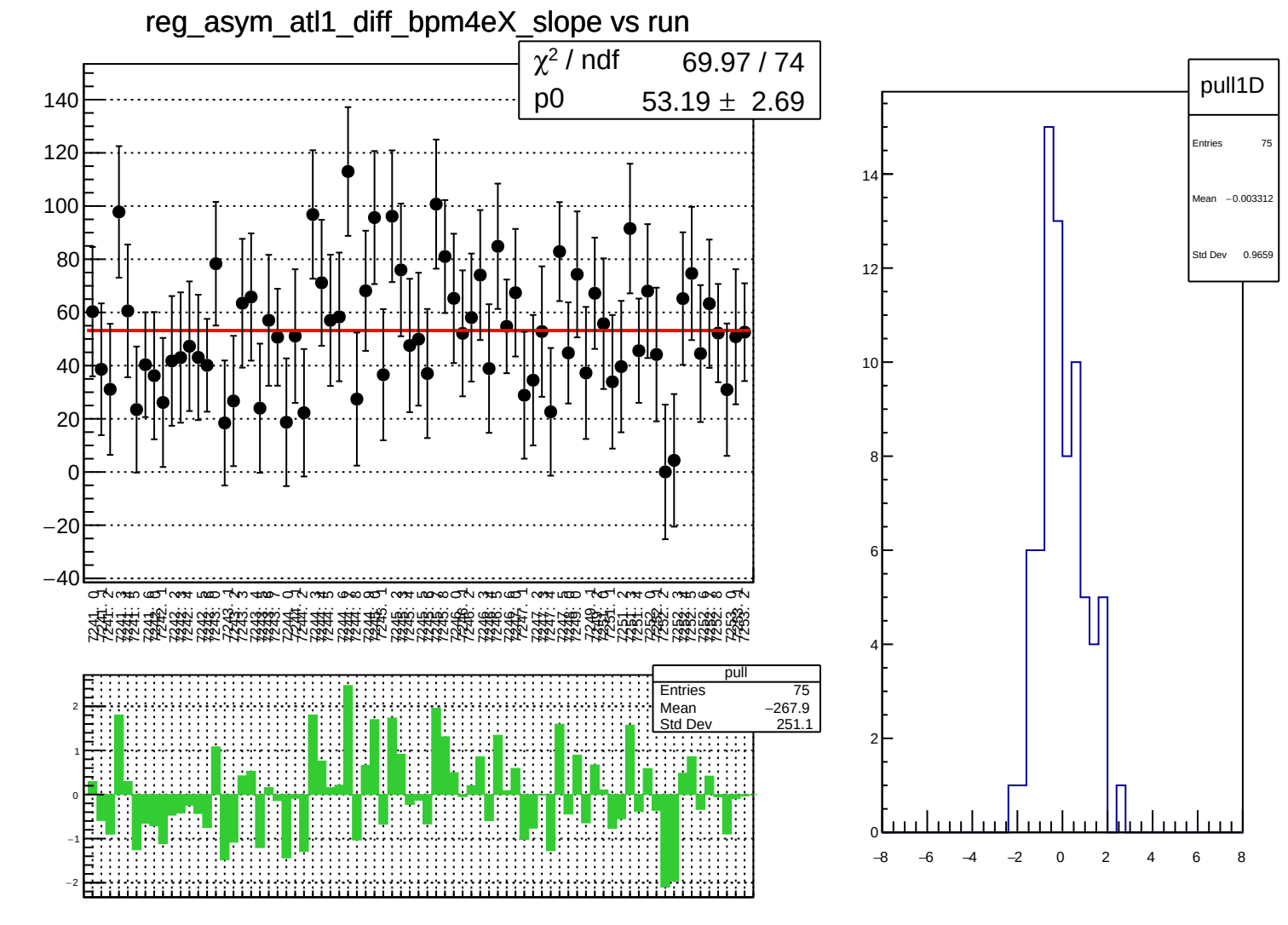

pull1D
Entries 75
Mean −0.01558
Std Dev 0.3554

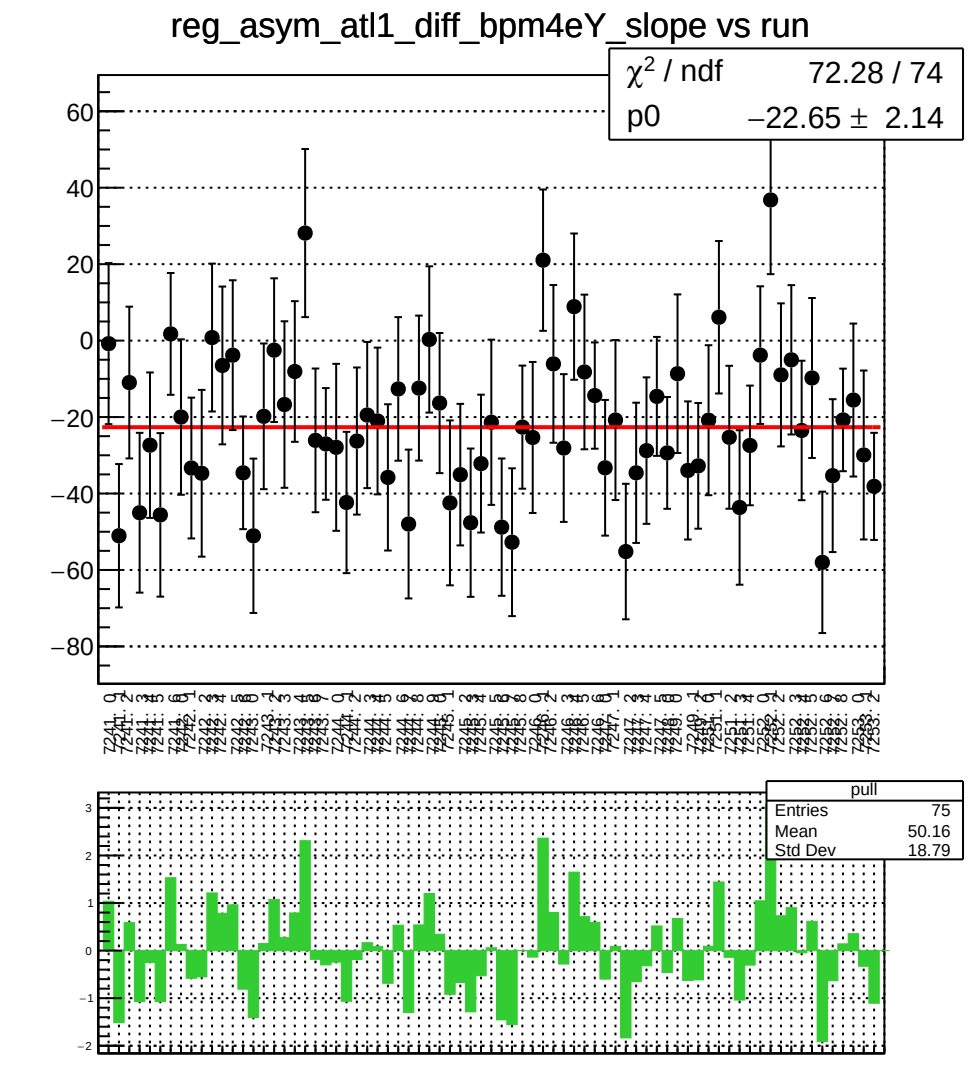

reg_asym_atl1_diff_bpm1X_slope vs run
χ² / ndf 67.15 / 74
p0 −16.46 ± 2.581
pull
Entries 75
Mean −181.2
Std Dev 180.6

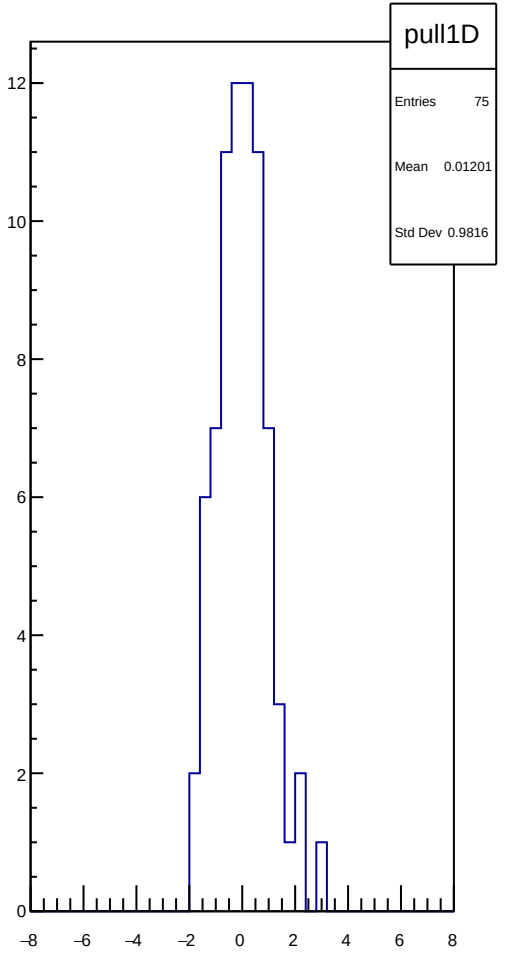

pull1D
Entries 75
Mean 0.006686
Std Dev 0.9462

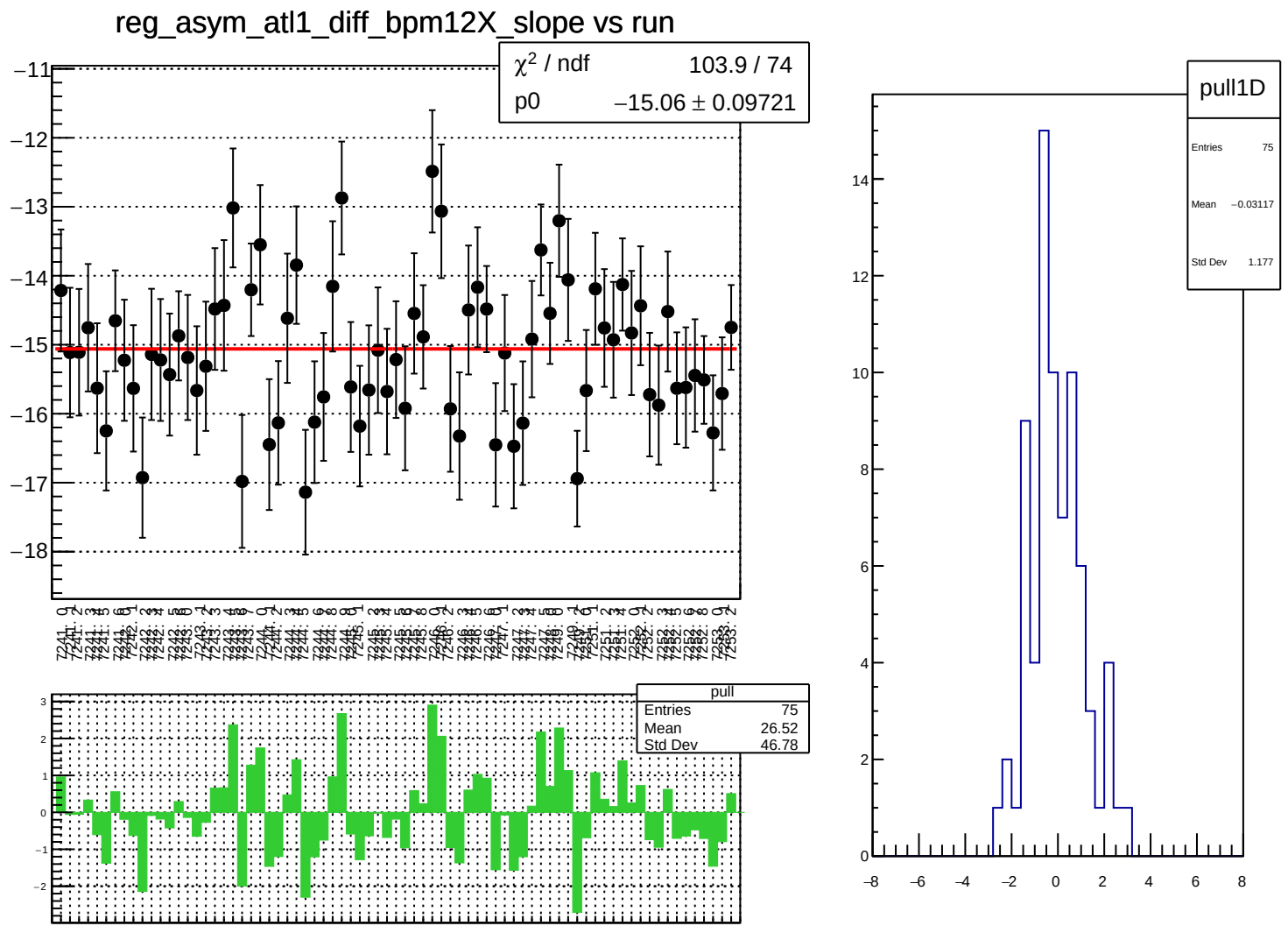

reg_asym_atl1_diff_bpm4aY_slope vs run
χ² / ndf 63.9 / 74
p0 13.04 ± 1.992
pull
Entries 75
Mean 128.7
Std Dev 90.48

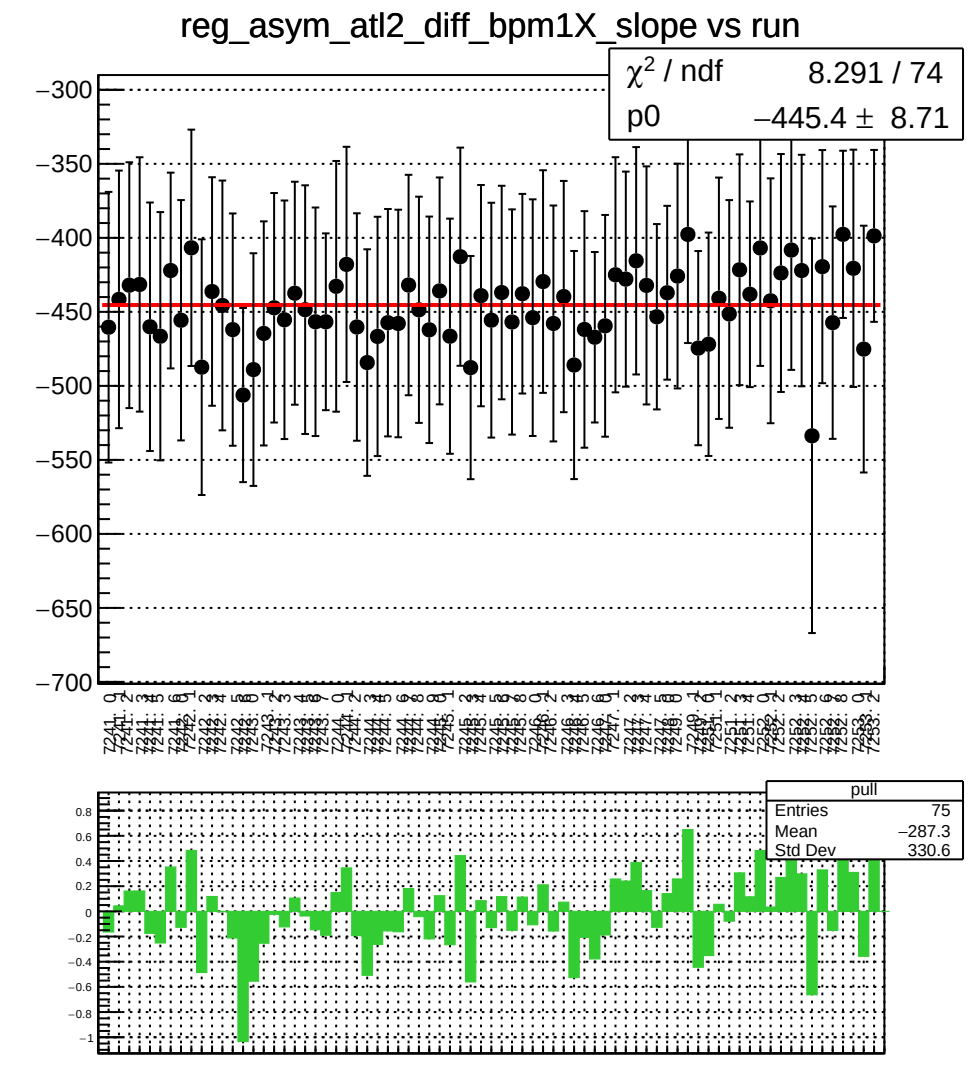

pull1D
Entries 75
Mean −0.01175
Std Dev 0.923

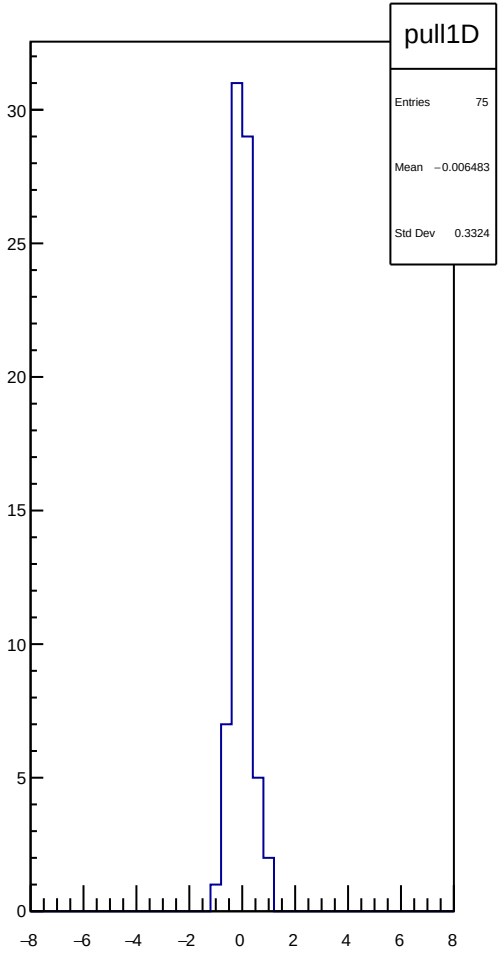

reg_asym_atl1_diff_bpm4eX_slope vs run
χ² / ndf 69.97 / 74
p0 53.19 ± 2.69
pull
Entries 75
Mean −267.9
Std Dev 251.1
pull1D
Entries 75
Mean −0.003312
Std Dev 0.9659

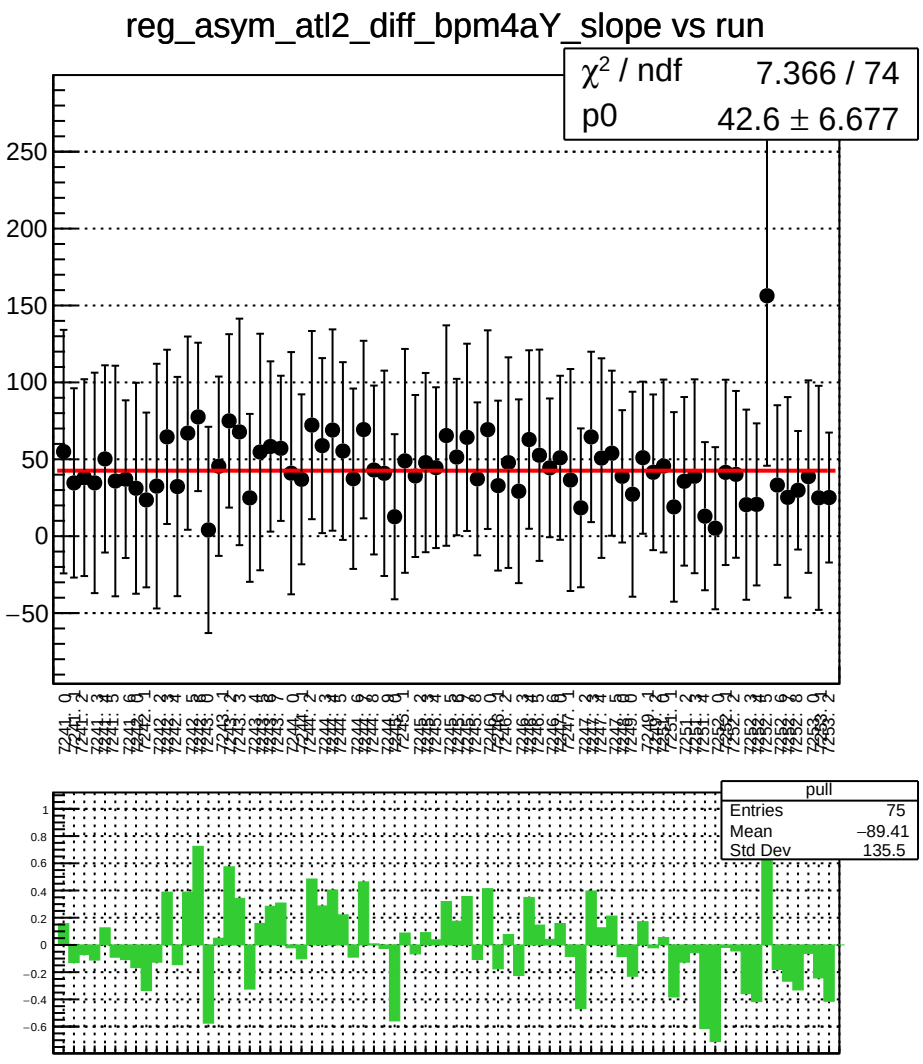

reg_asym_atl1_diff_bpm4eY_slope vs run
χ² / ndf 72.28 / 74
p0 −22.65 ± 2.14
pull
Entries 75
Mean 50.16
Std Dev 18.79

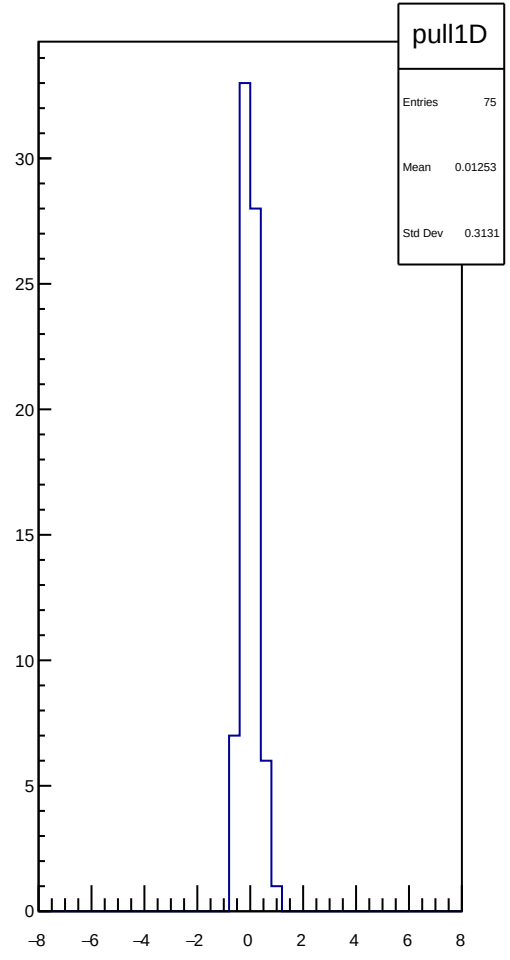

pull1D
Entries 75
Mean 0.01201
Std Dev 0.9816

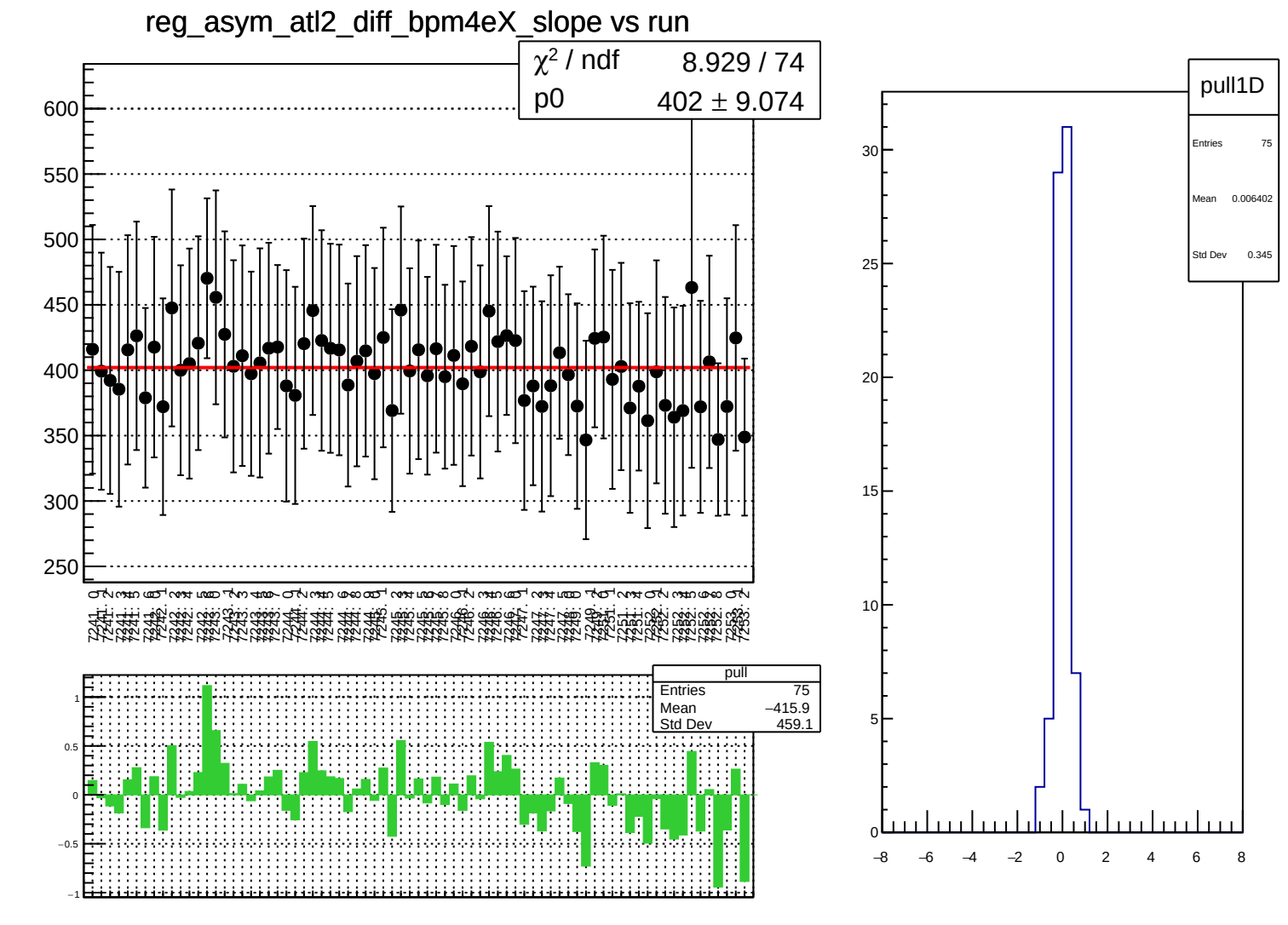

reg_asym_atl1_diff_bpm12X_slope vs run
χ² / ndf 103.9 / 74
p0 −15.06 ± 0.09721
pull
Entries 75
Mean 26.52
Std Dev 46.78
pull1D
Entries 75
Mean −0.03117
Std Dev 1.177

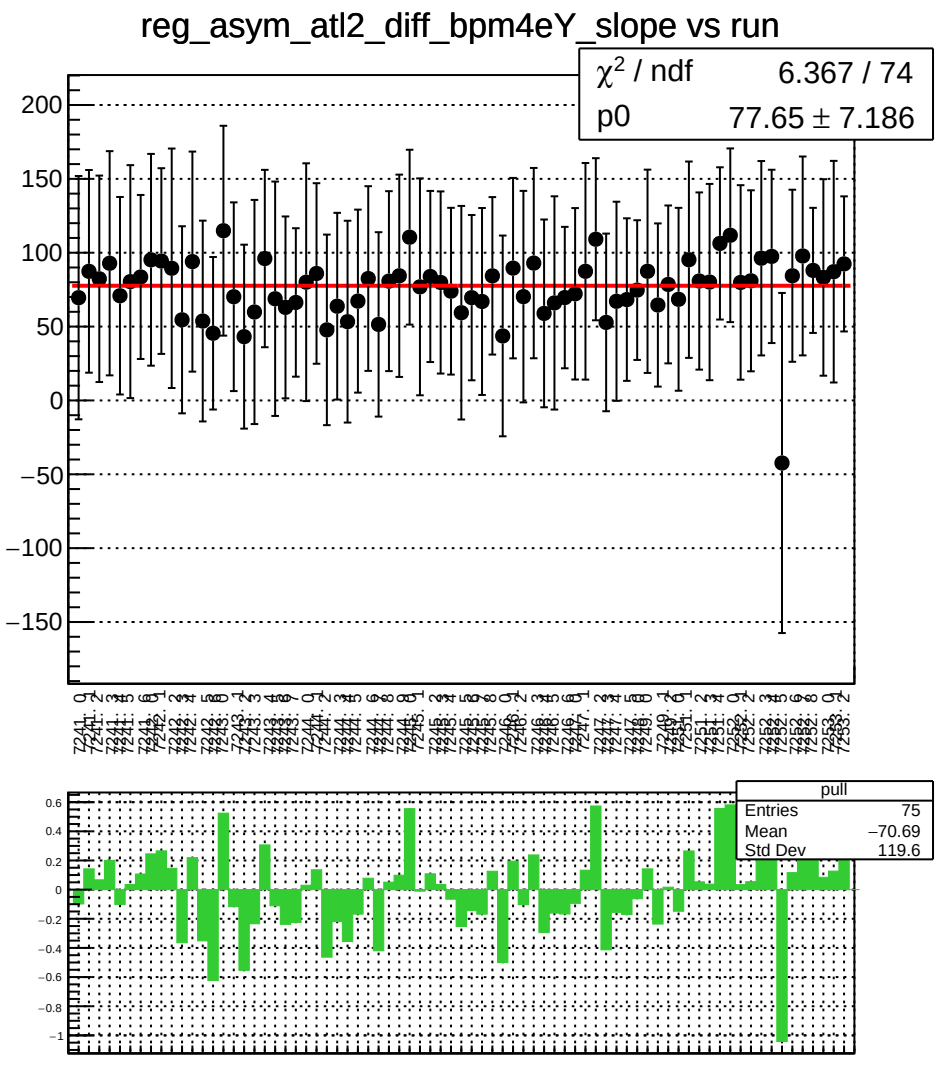

reg_asym_atl2_diff_bpm1X_slope vs run
χ² / ndf 8.291 / 74
p0 −445.4 ± 8.71
pull
Entries 75
Mean −287.3
Std Dev 330.6

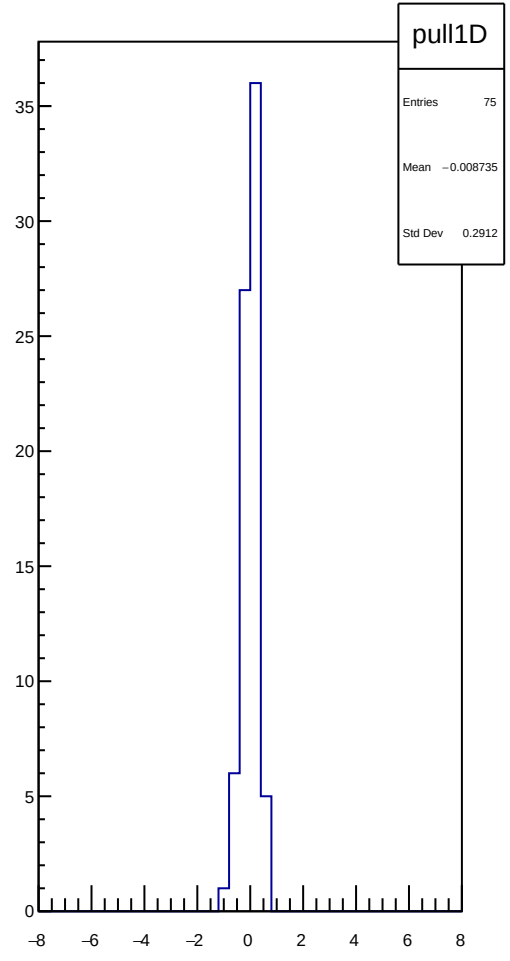

pull1D
Entries 75
Mean −0.006483
Std Dev 0.3324

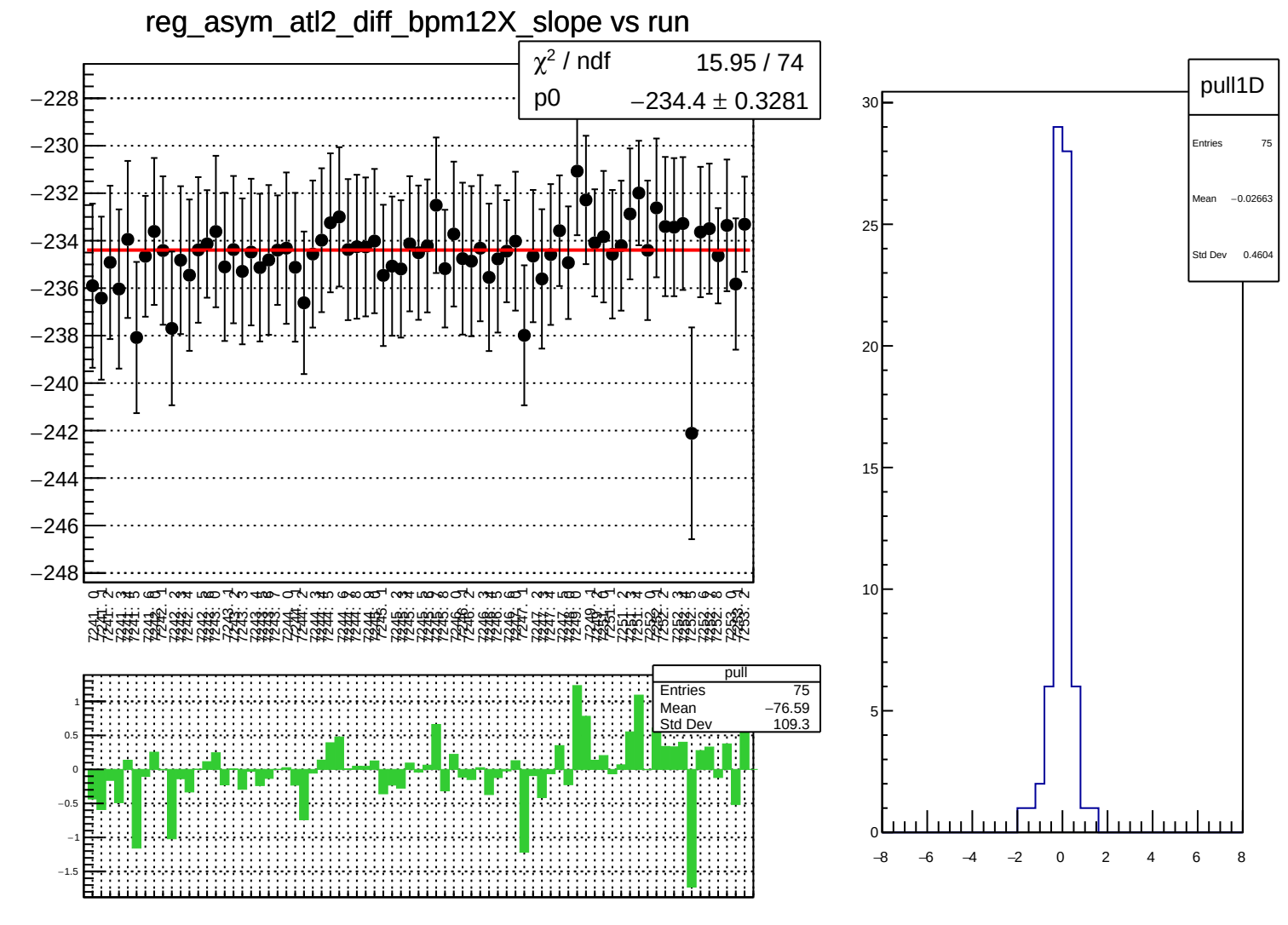

reg_asym_atl2_diff_bpm4aY_slope vs run
χ² / ndf 7.366 / 74
p0 42.6 ± 6.677
250
200
150
100
50
0
−50
pull
Entries 75
Mean −89.41
Std Dev 135.5
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

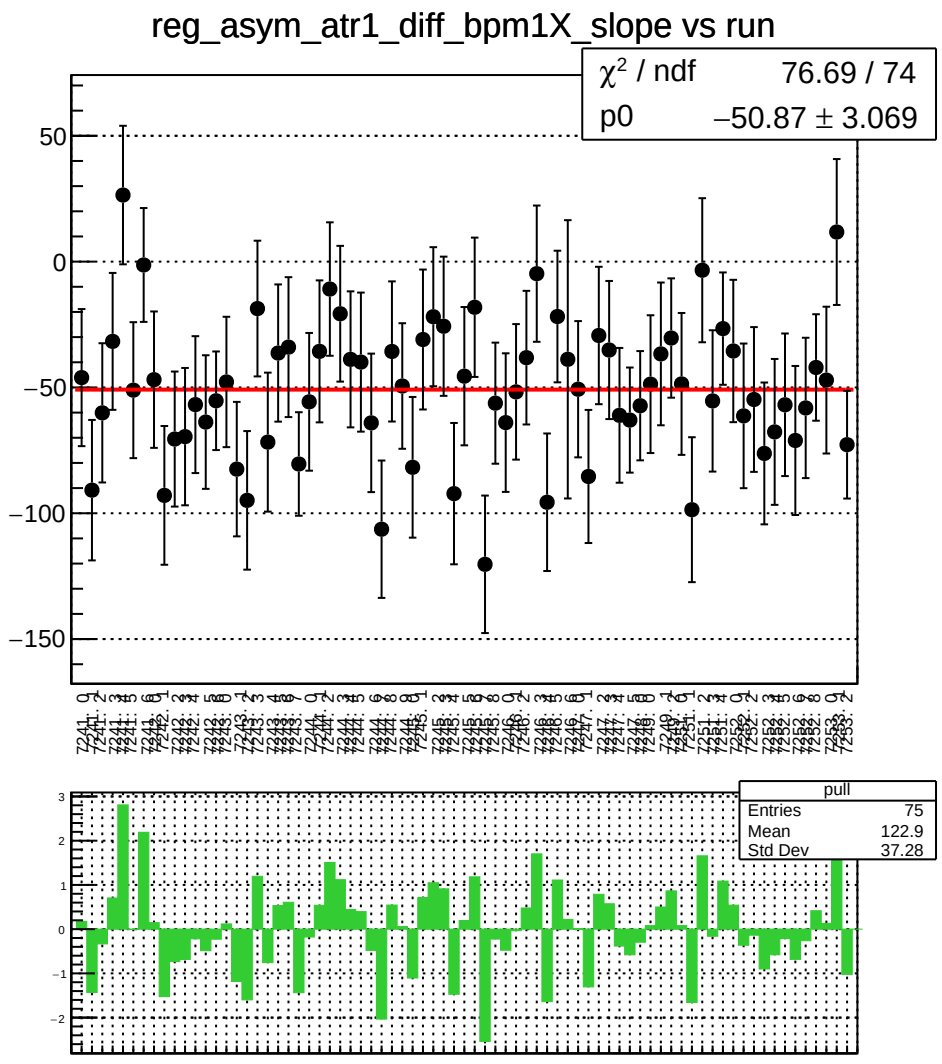

pull1D
Entries 75
Mean 0.01253
Std Dev 0.3131
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

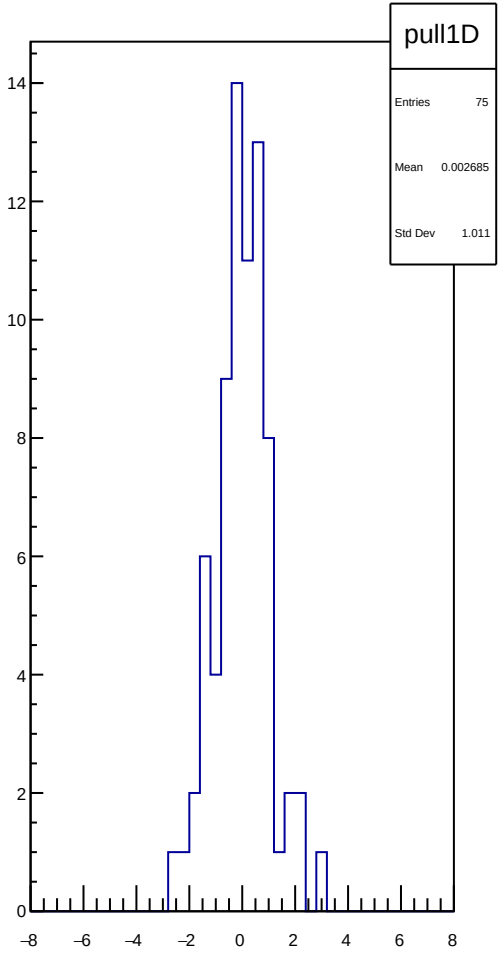

reg_asym_atl2_diff_bpm4eX_slope vs run
χ² / ndf 8.929 / 74
p0 402 ± 9.074
pull
Entries 75
Mean −415.9
Std Dev 459.1
pull1D
Entries 75
Mean 0.006402
Std Dev 0.345

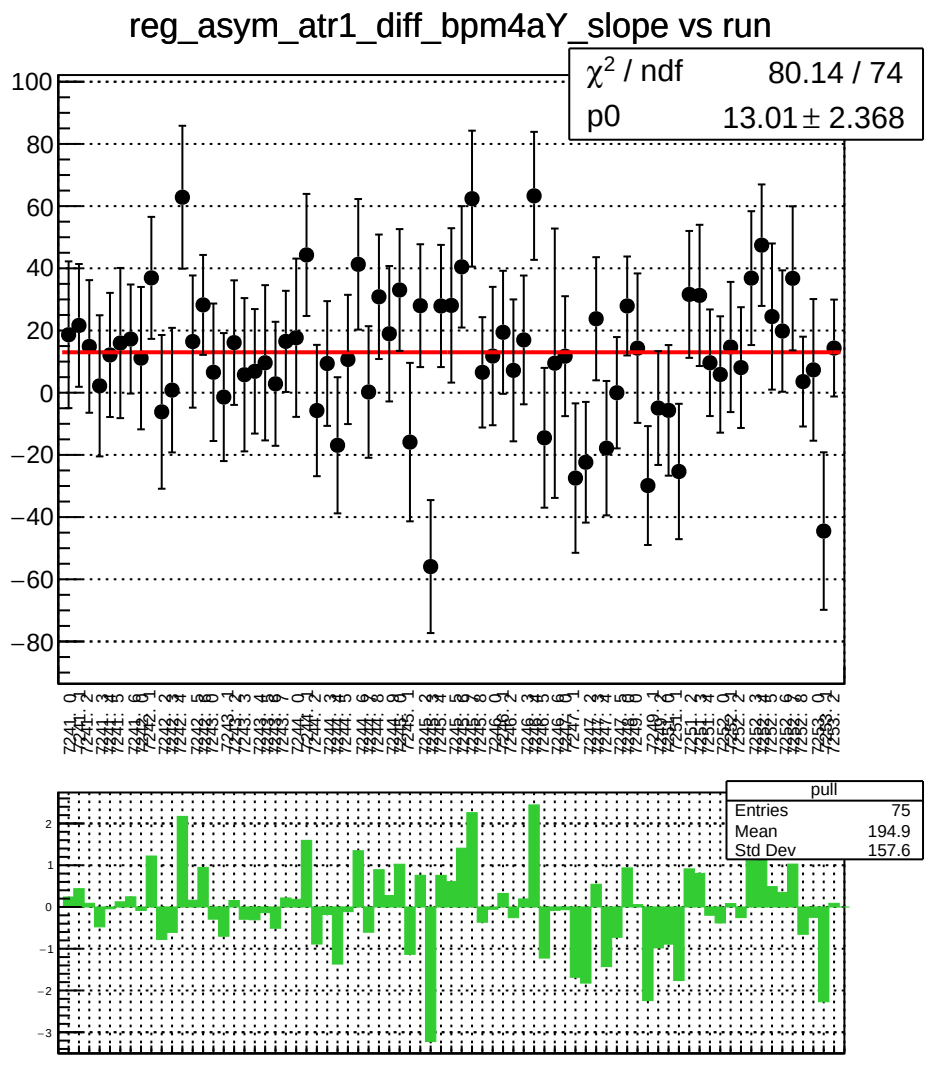

reg_asym_atl2_diff_bpm4eY_slope vs run
χ² / ndf 6.367 / 74
p0 77.65 ± 7.186
pull
Entries 75
Mean −70.69
Std Dev 119.6

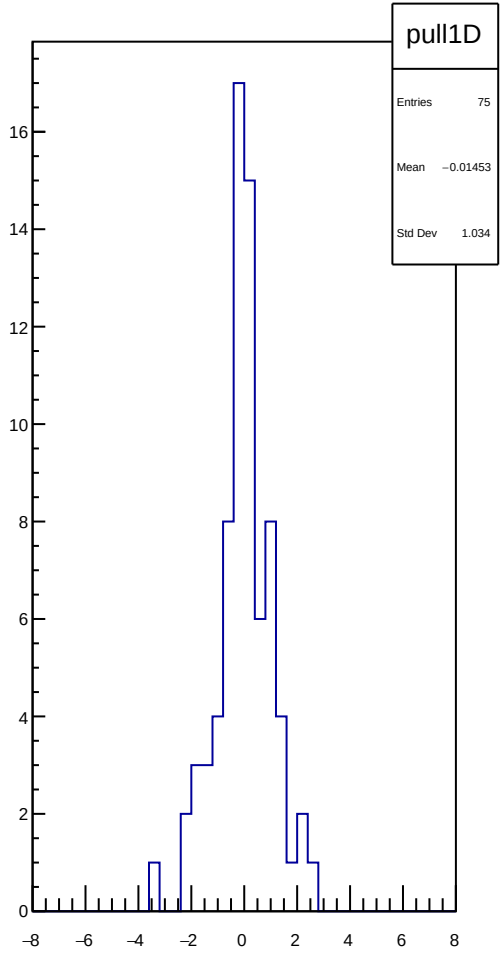

pull1D
Entries 75
Mean −0.008735
Std Dev 0.2912

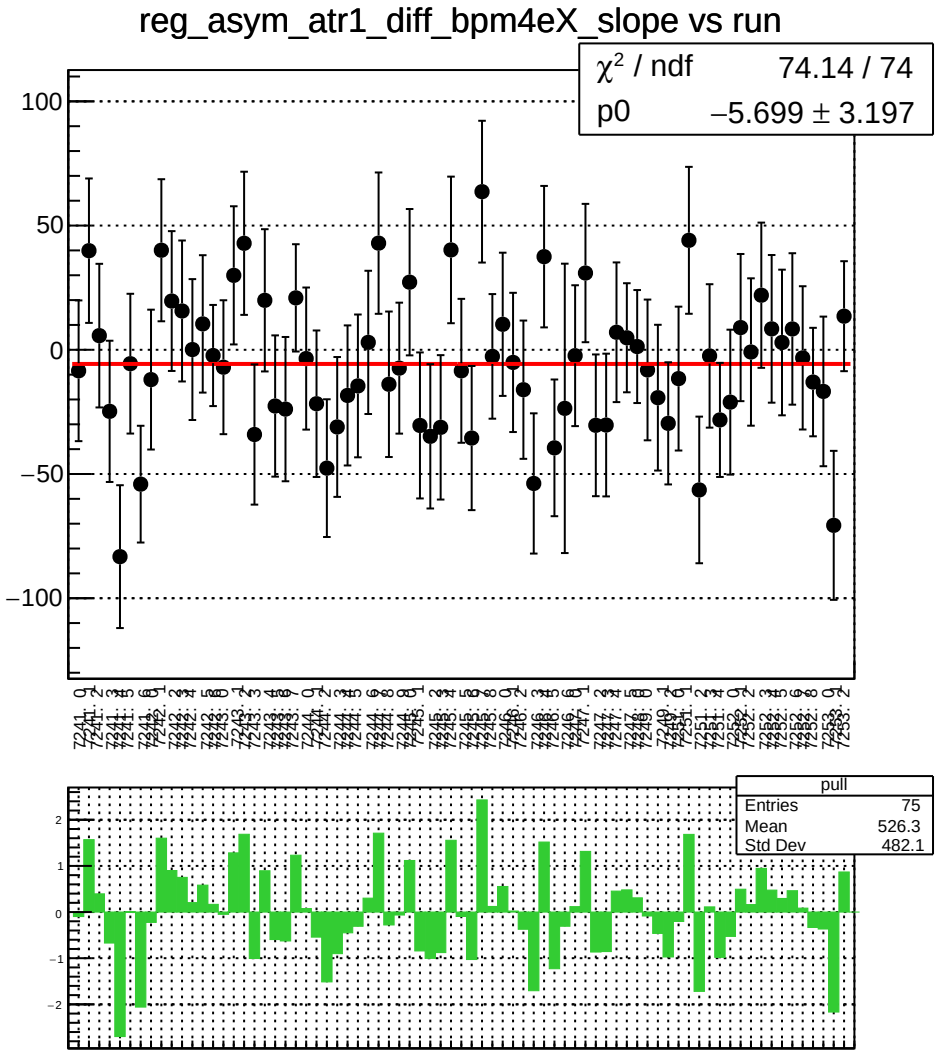

reg_asym_atl2_diff_bpm12X_slope vs run
χ² / ndf 15.95 / 74
p0 −234.4 ± 0.3281
pull
Entries 75
Mean −76.59
Std Dev 109.3
pull1D
Entries 75
Mean −0.02663
Std Dev 0.4604

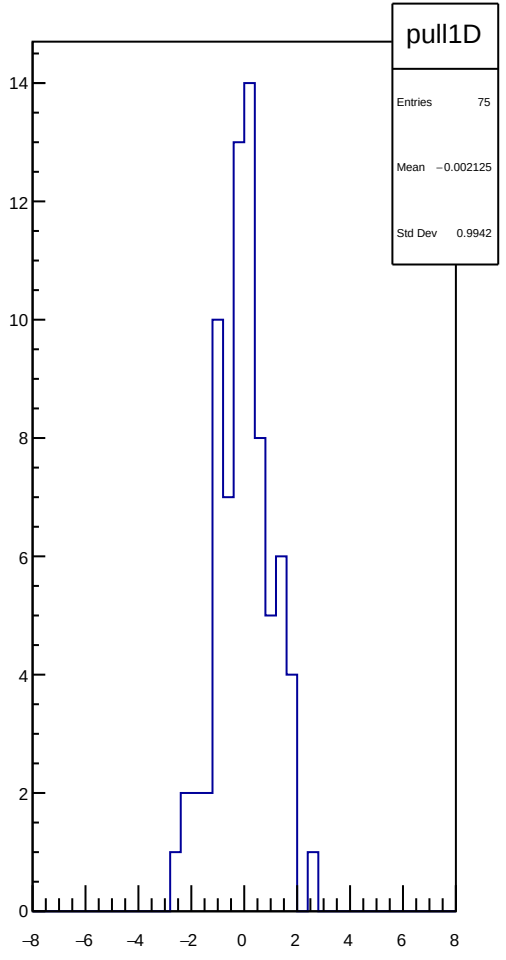

reg_asym_atr1_diff_bpm1X_slope vs run
χ² / ndf 76.69 / 74
p0 −50.87 ± 3.069
pull
Entries 75
Mean 122.9
Std Dev 37.28

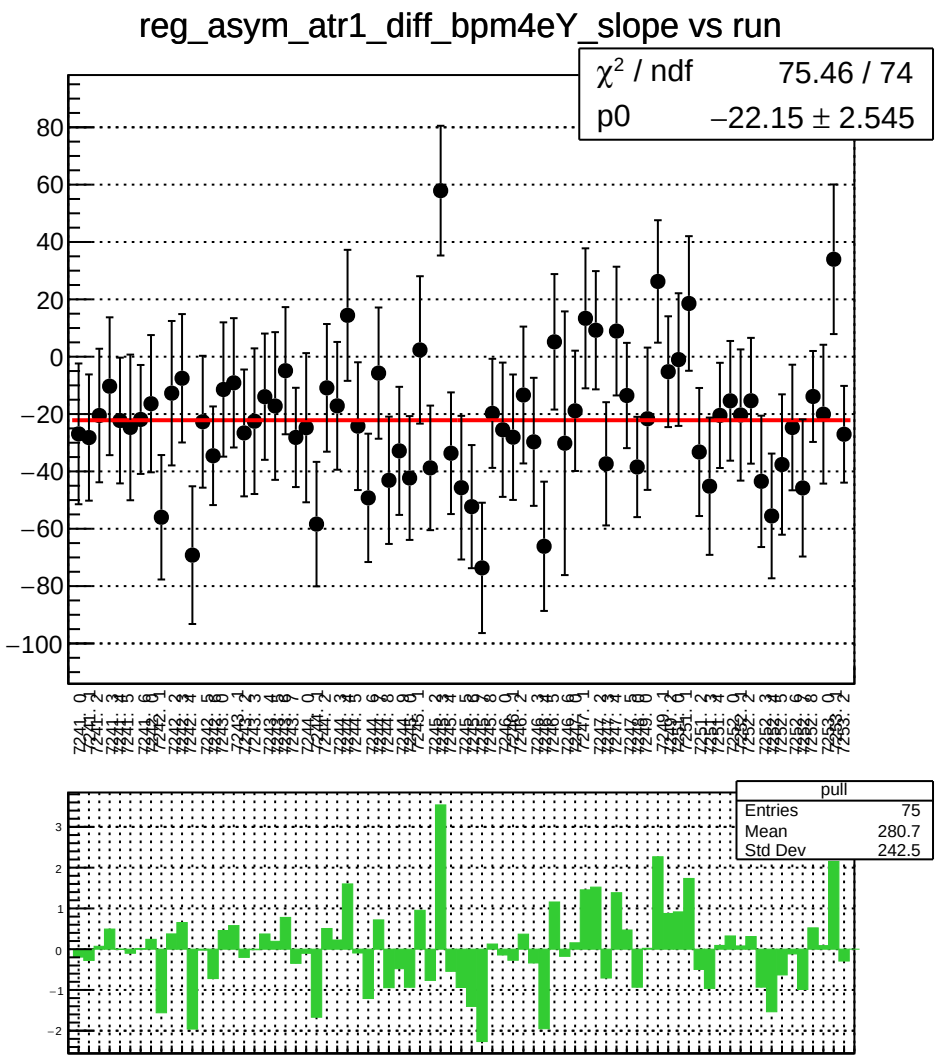

pull1D
Entries 75
Mean 0.002685
Std Dev 1.011

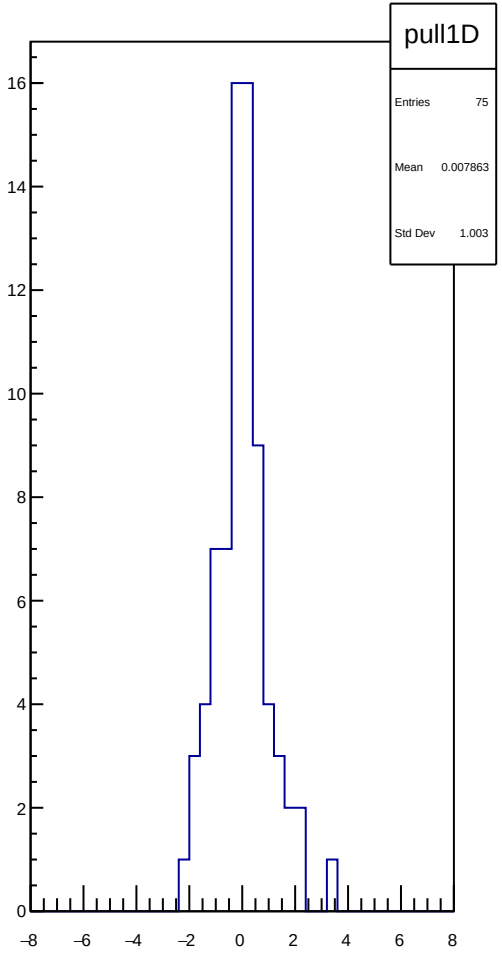

reg_asym_atr1_diff_bpm4aY_slope vs run
χ² / ndf 80.14 / 74
p0 13.01 ± 2.368
pull
Entries 75
Mean 194.9
Std Dev 157.6

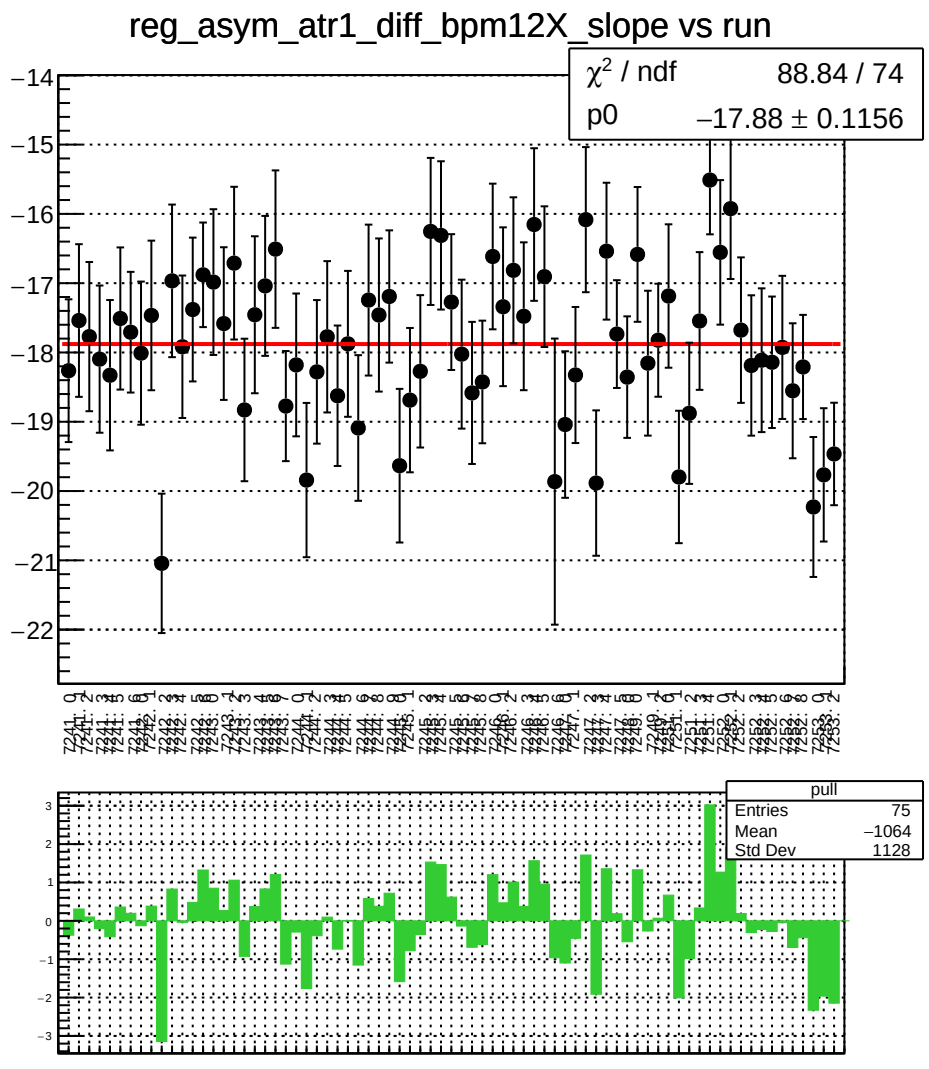

pull1D
Entries 75
Mean −0.01453
Std Dev 1.034

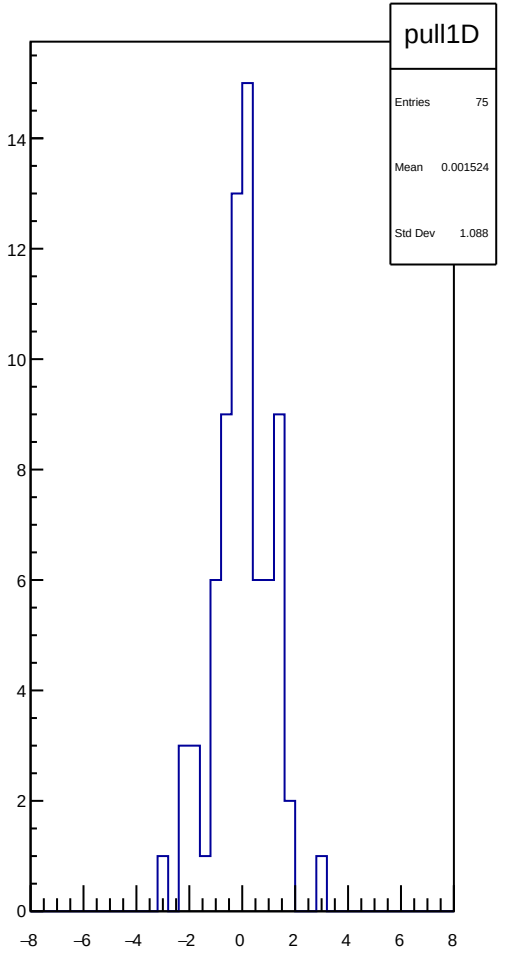

reg_asym_atr1_diff_bpm4eX_slope vs run
χ² / ndf 74.14 / 74
p0 −5.699 ± 3.197
100
50
0
−50
−100
pull
Entries 75
Mean 526.3
Std Dev 482.1
2
1
0
−1
−2

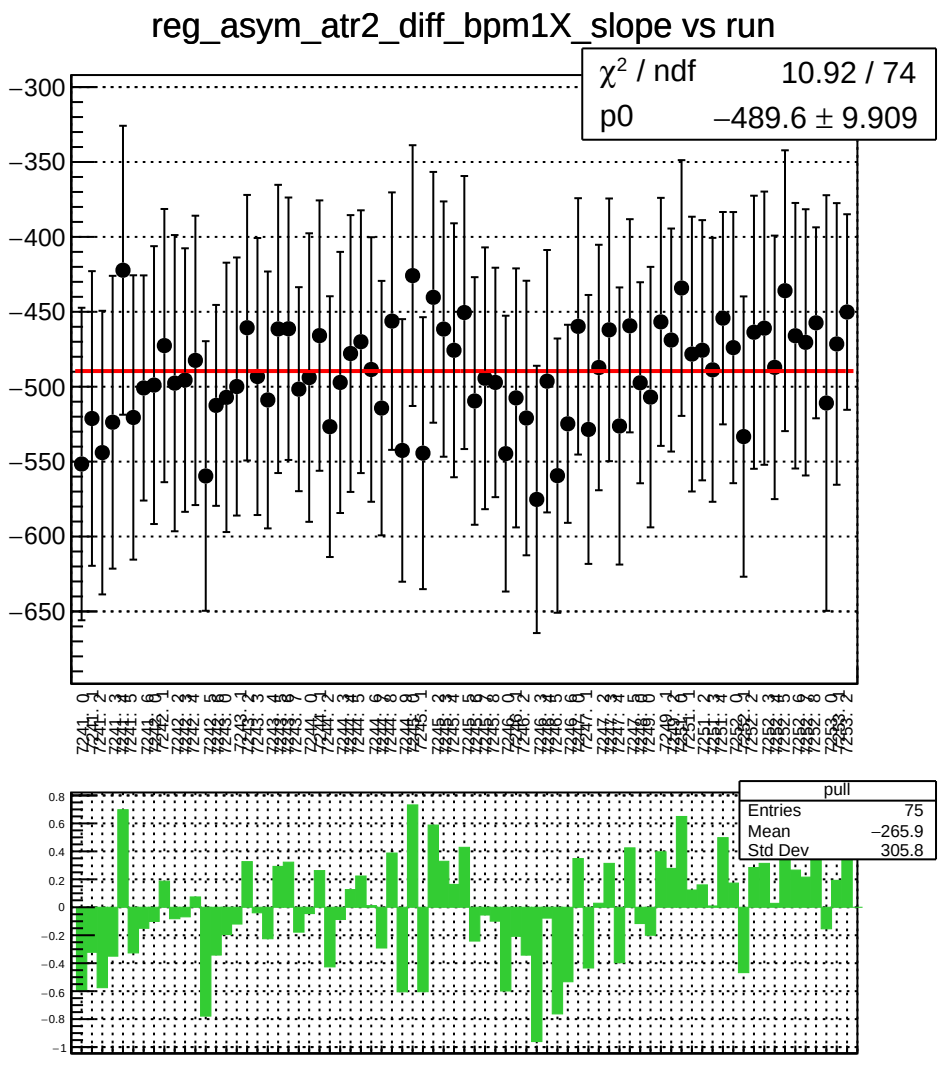

pull1D
Entries 75
Mean −0.002125
Std Dev 0.9942
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

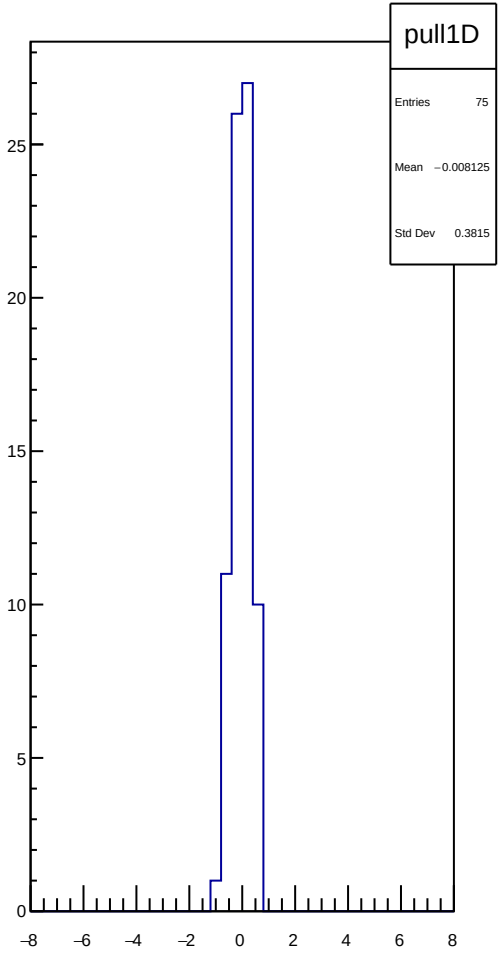

reg_asym_atr1_diff_bpm4eY_slope vs run
χ² / ndf 75.46 / 74
p0 −22.15 ± 2.545
pull
Entries 75
Mean 280.7
Std Dev 242.5

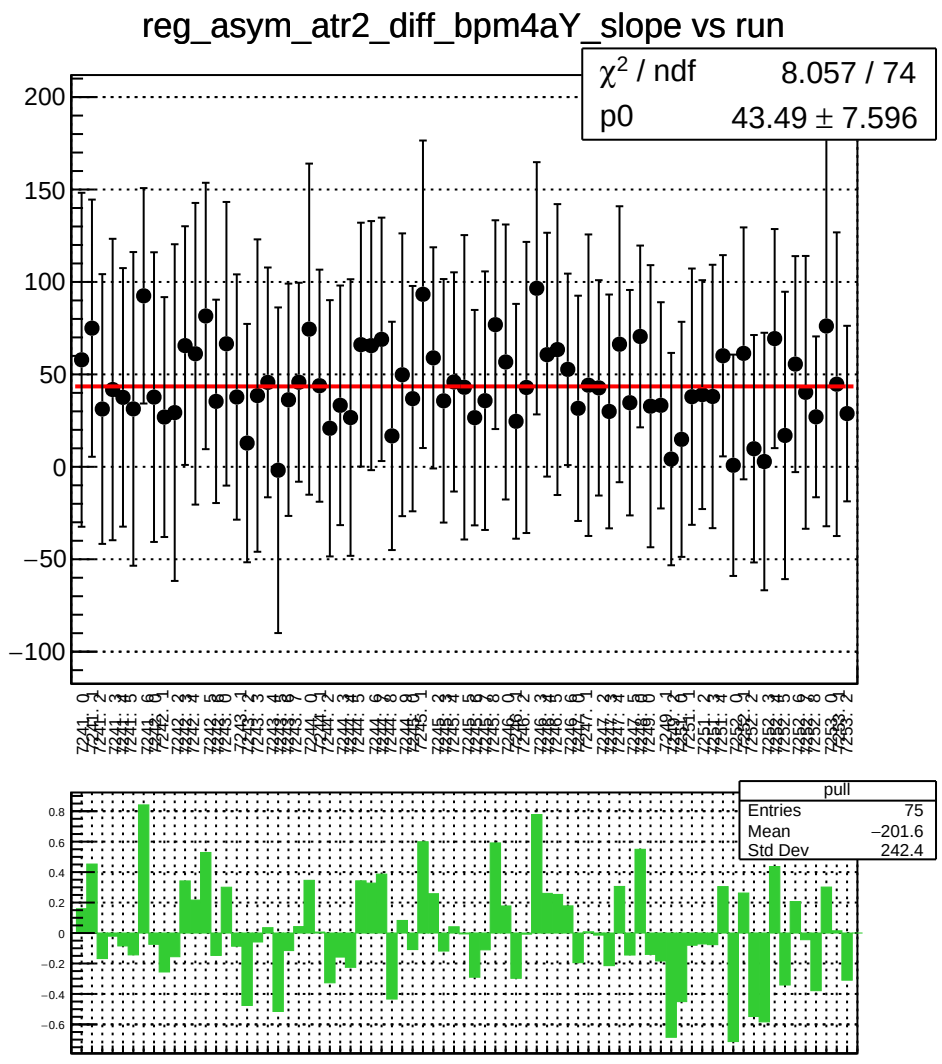

pull1D
Entries 75
Mean 0.007863
Std Dev 1.003

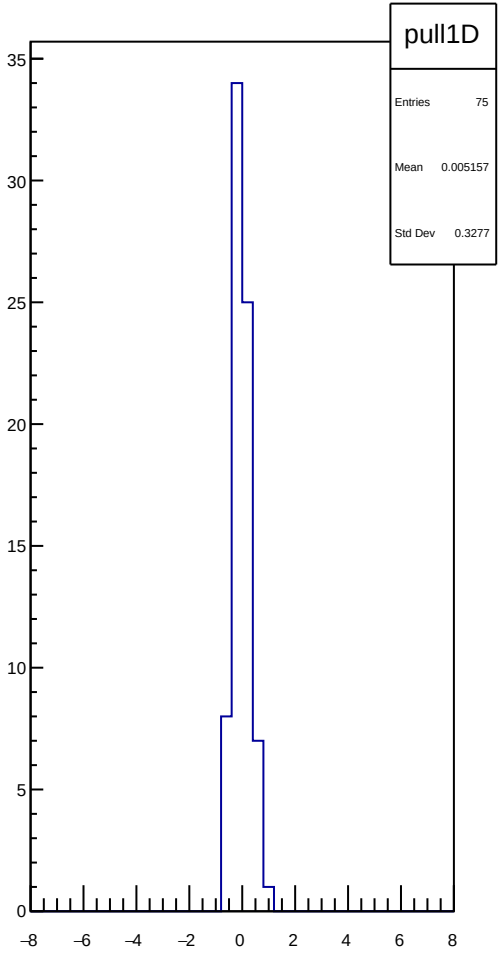

reg_asym_atr1_diff_bpm12X_slope vs run
χ² / ndf 88.84 / 74
p0 −17.88 ± 0.1156
pull
Entries 75
Mean −1064
Std Dev 1128

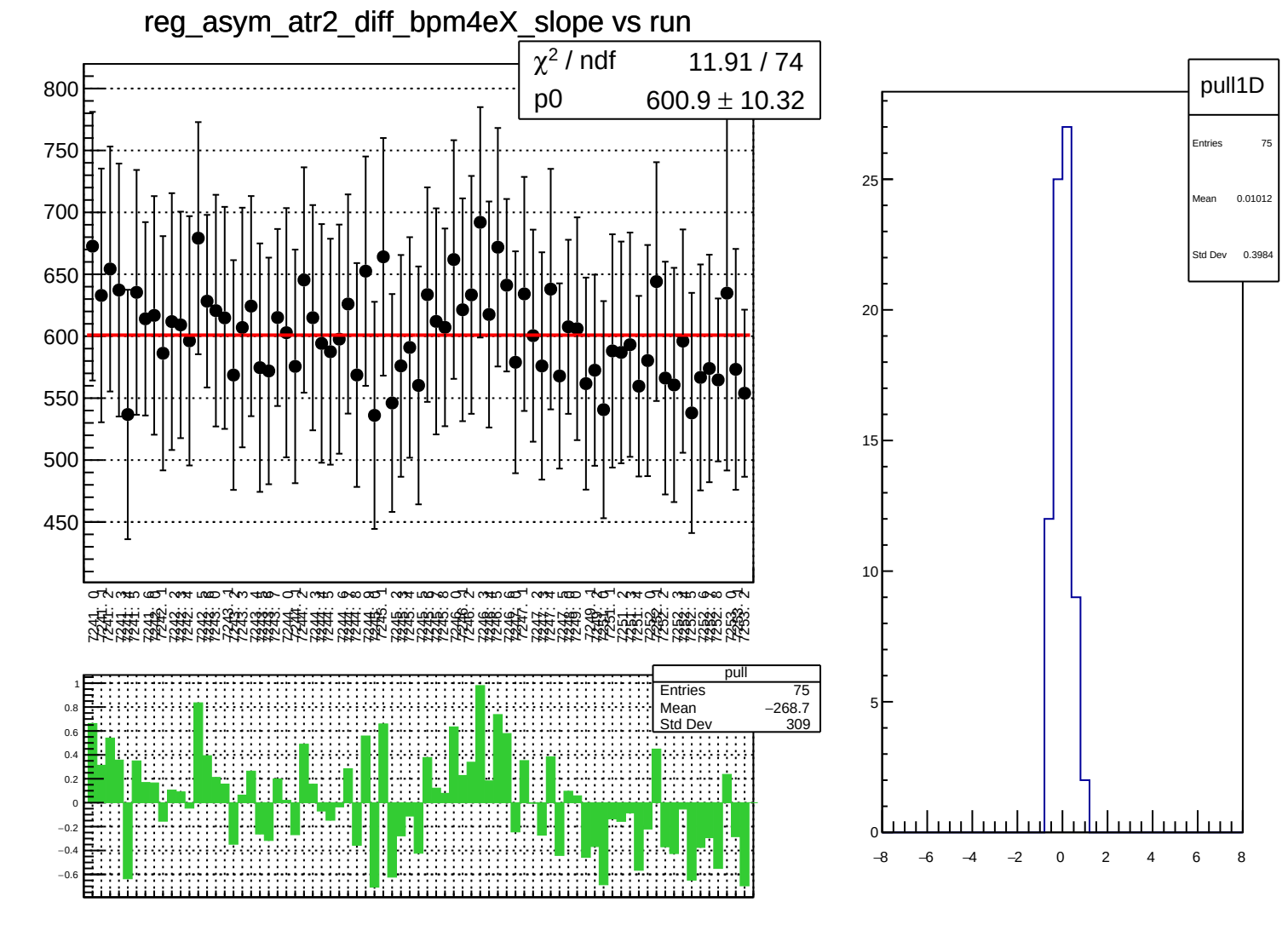

pull1D
Entries 75
Mean 0.001524
Std Dev 1.088

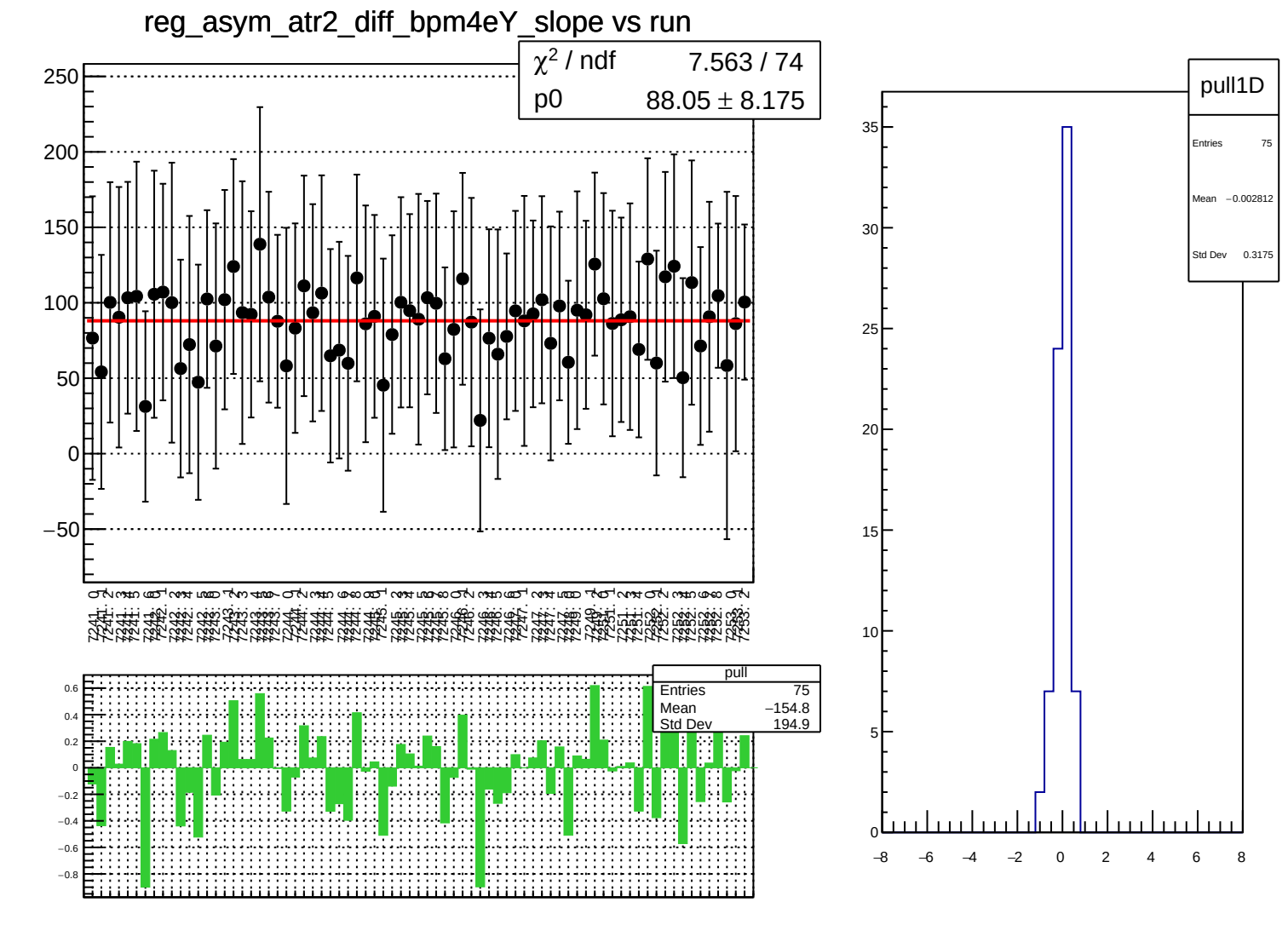

reg_asym_atr2_diff_bpm1X_slope vs run
χ² / ndf 10.92 / 74
p0 −489.6 ± 9.909
pull
Entries 75
Mean −265.9
Std Dev 305.8

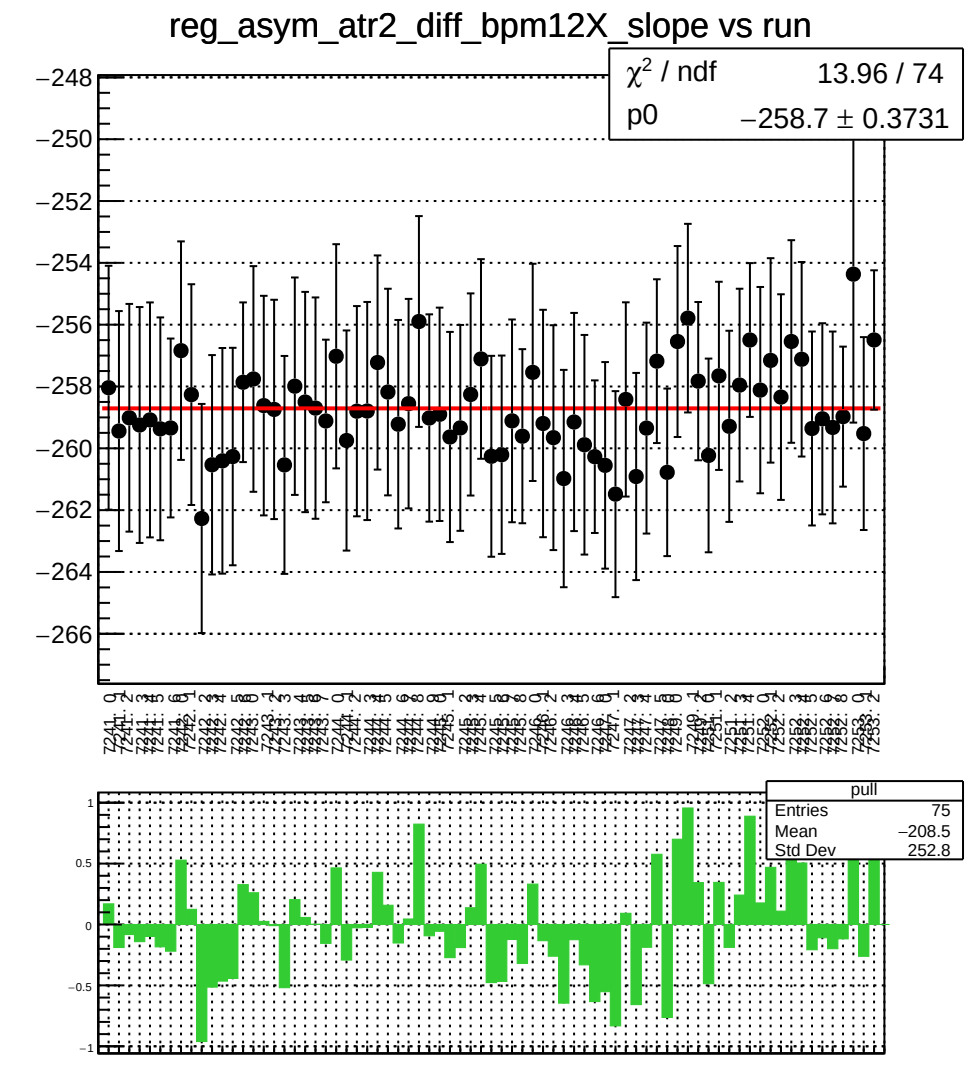

pull1D
Entries 75
Mean −0.008125
Std Dev 0.3815

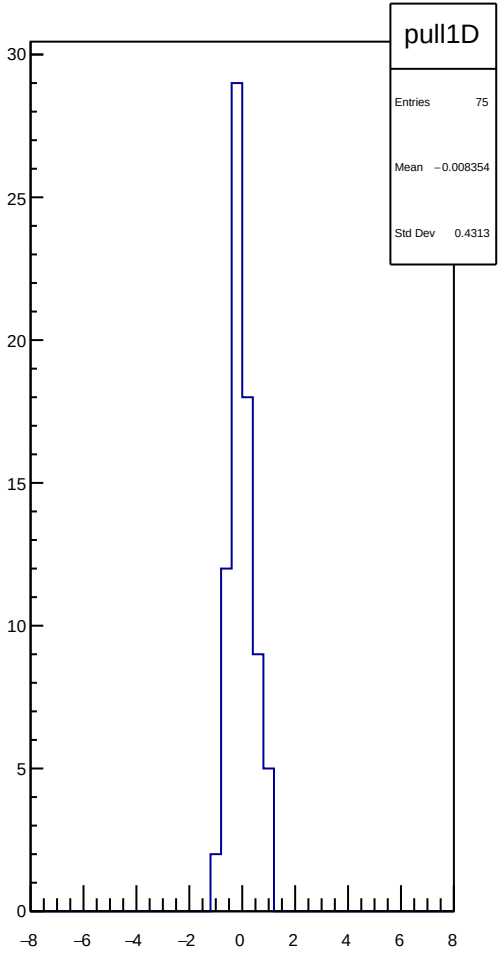

reg_asym_atr2_diff_bpm4aY_slope vs run
χ² / ndf 8.057 / 74
p0 43.49 ± 7.596
pull
Entries 75
Mean −201.6
Std Dev 242.4

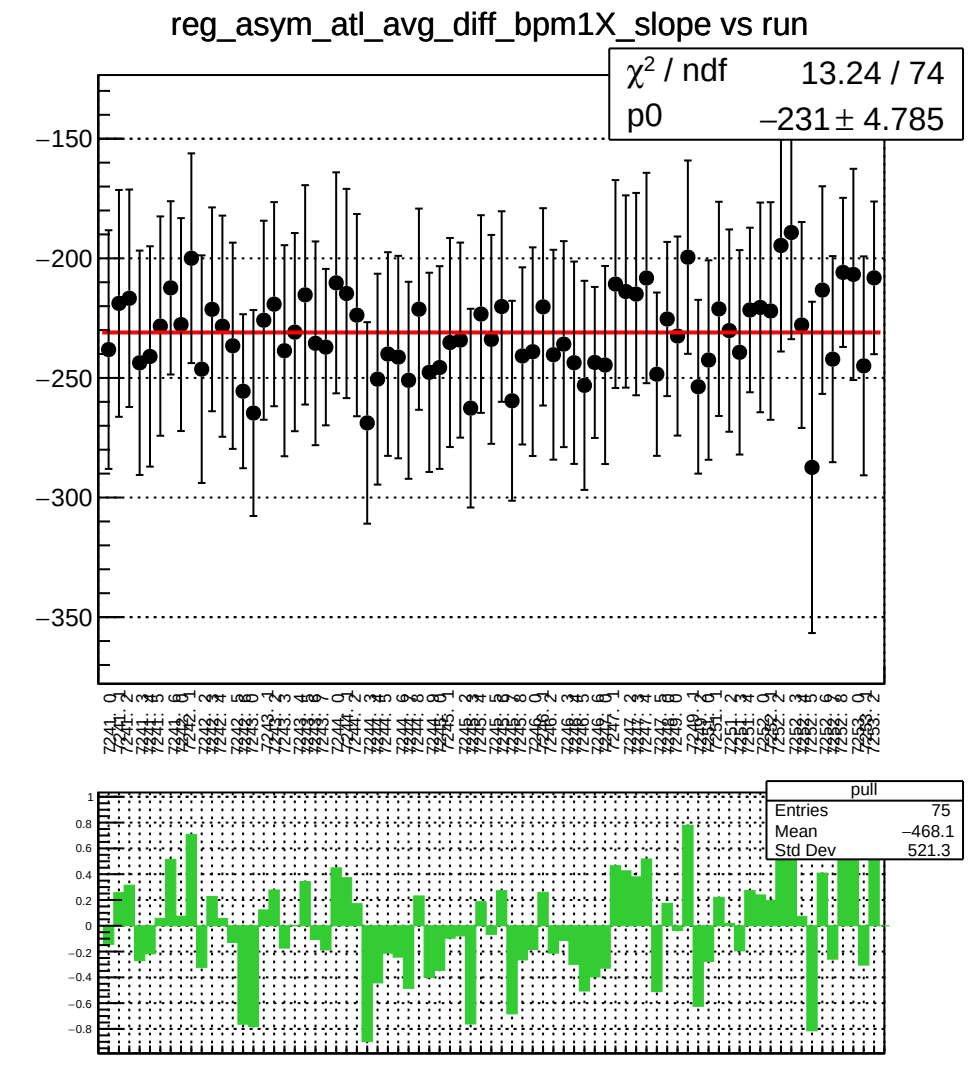

pull1D
Entries 75
Mean 0.005157
Std Dev 0.3277

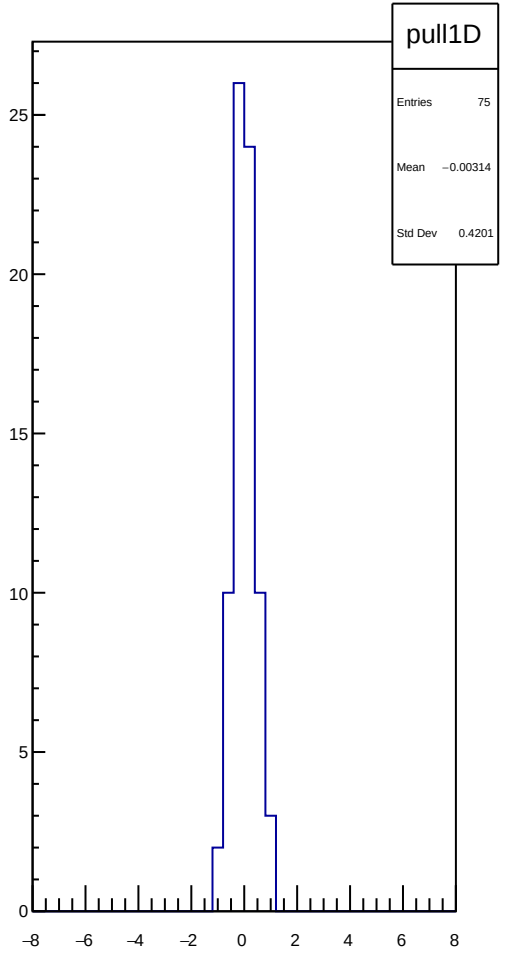

reg_asym_atr2_diff_bpm4eX_slope vs run
χ² / ndf 11.91 / 74
p0 600.9 ± 10.32
800
750
700
650
600
550
500
450
pull
Entries 75
Mean −268.7
Std Dev 309
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
pull1D
Entries 75
Mean 0.01012
Std Dev 0.3984
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

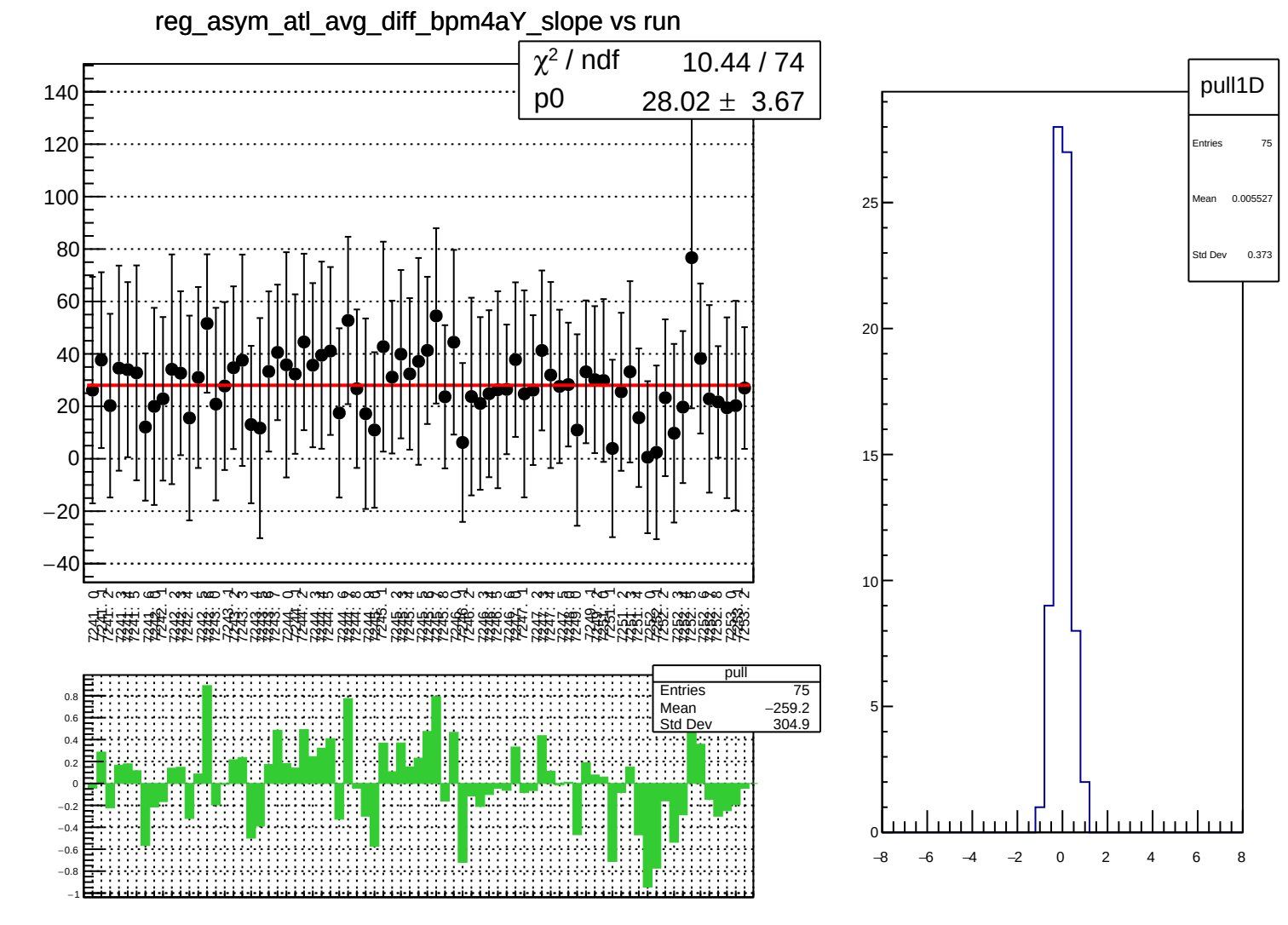

reg_asym_atr2_diff_bpm4eY_slope vs run
χ² / ndf 7.563 / 74
p0 88.05 ± 8.175
pull
Entries 75
Mean −154.8
Std Dev 194.9
pull1D
Entries 75
Mean −0.002812
Std Dev 0.3175

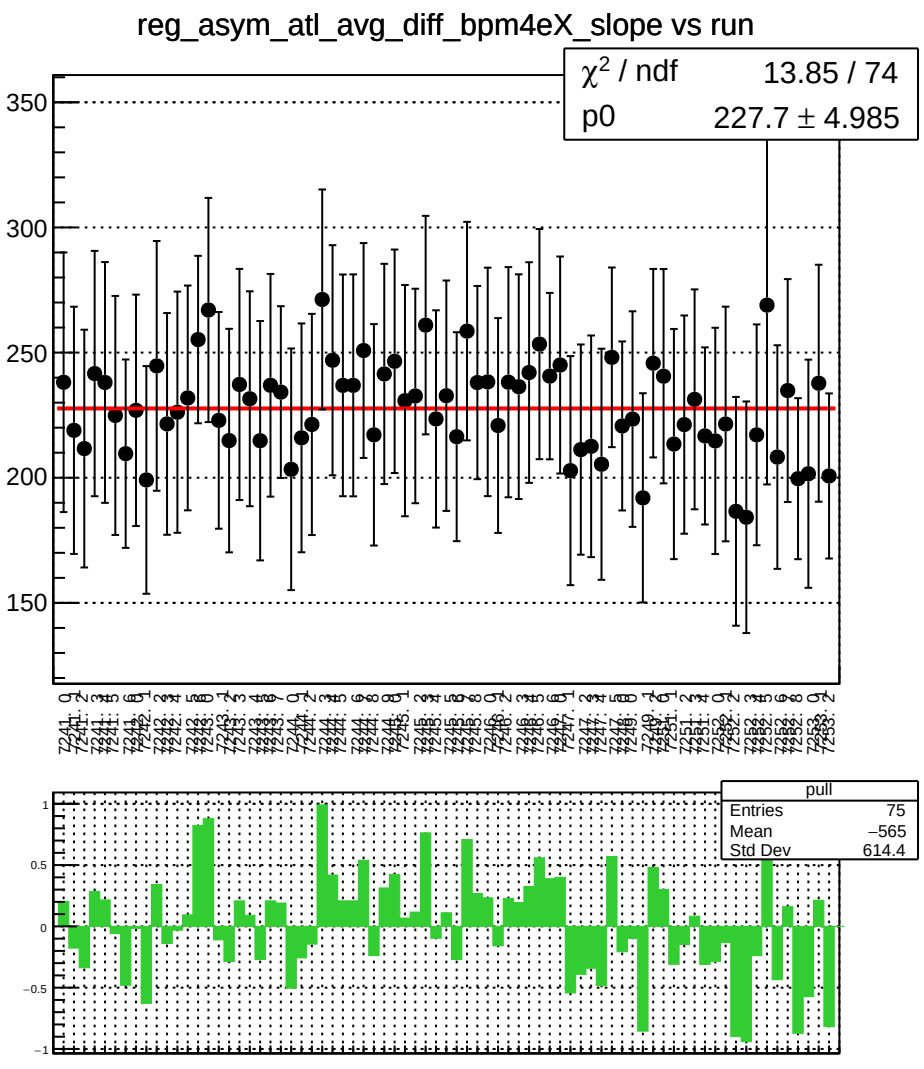

reg_asym_atr2_diff_bpm12X_slope vs run
χ² / ndf 13.96 / 74
p0 −258.7 ± 0.3731
pull
Entries 75
Mean −208.5
Std Dev 252.8

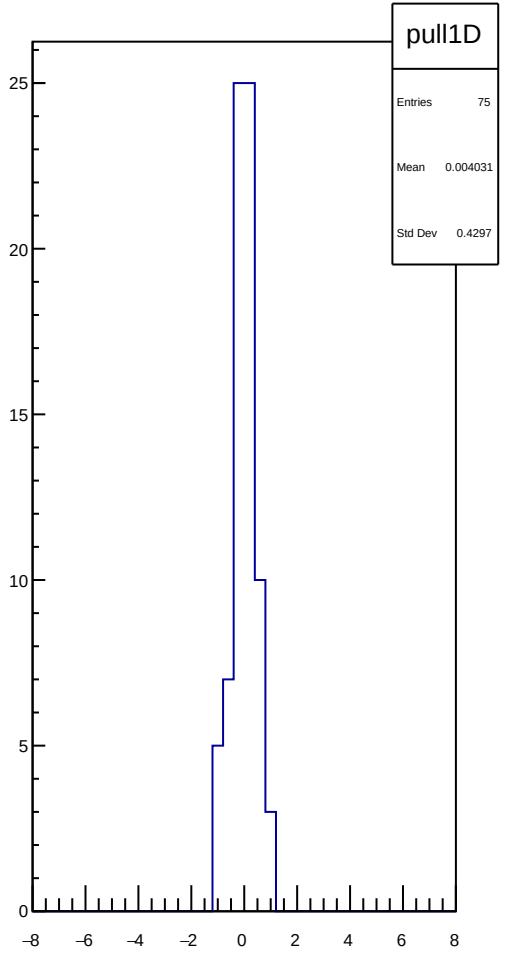

pull1D
Entries 75
Mean −0.008354
Std Dev 0.4313

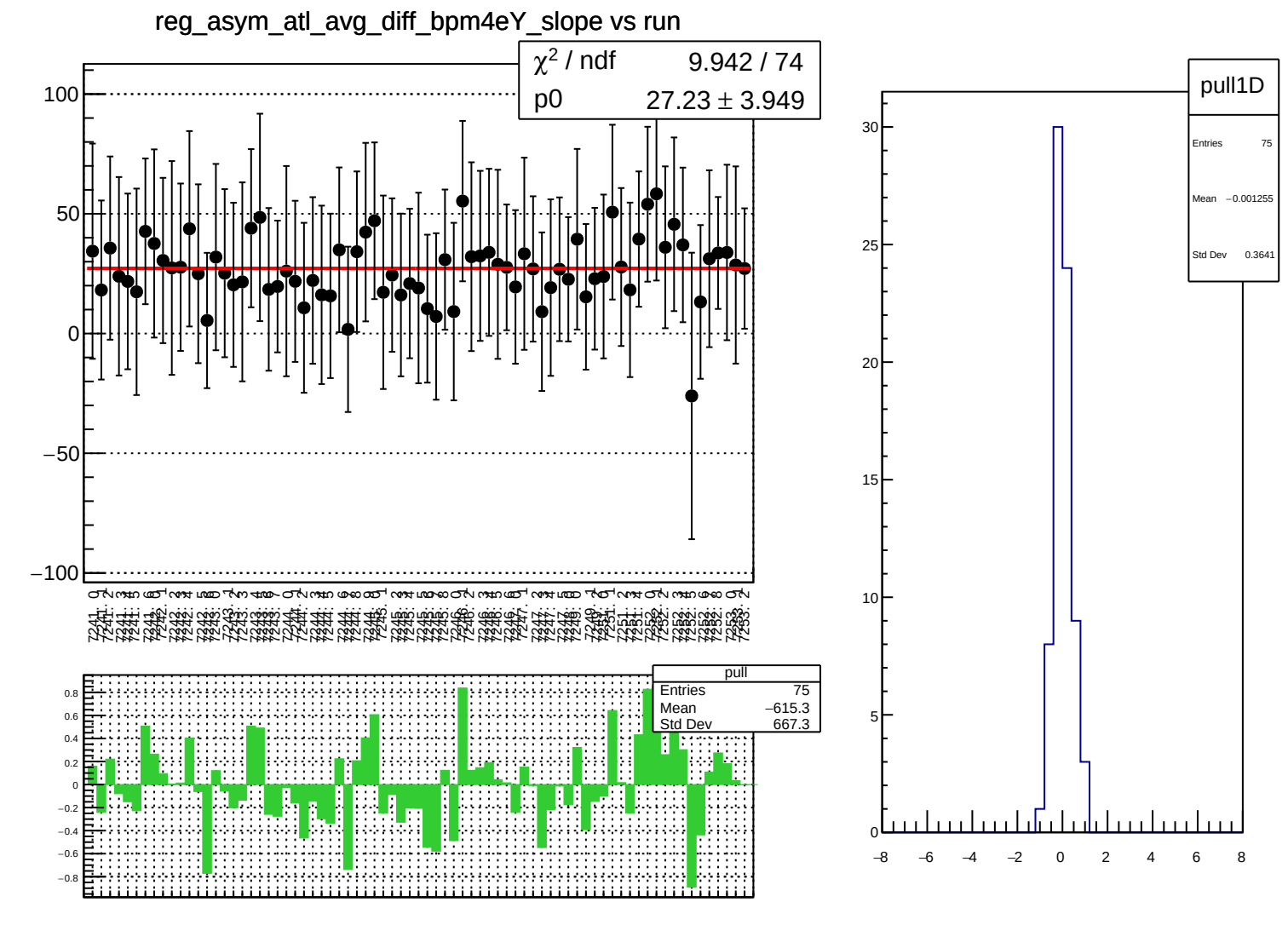

reg_asym_atl_avg_diff_bpm1X_slope vs run
χ² / ndf 13.24 / 74
p0 −231 ± 4.785
−150
−200
−250
−300
−350
pull
Entries 75
Mean −468.1
Std Dev 521.3
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

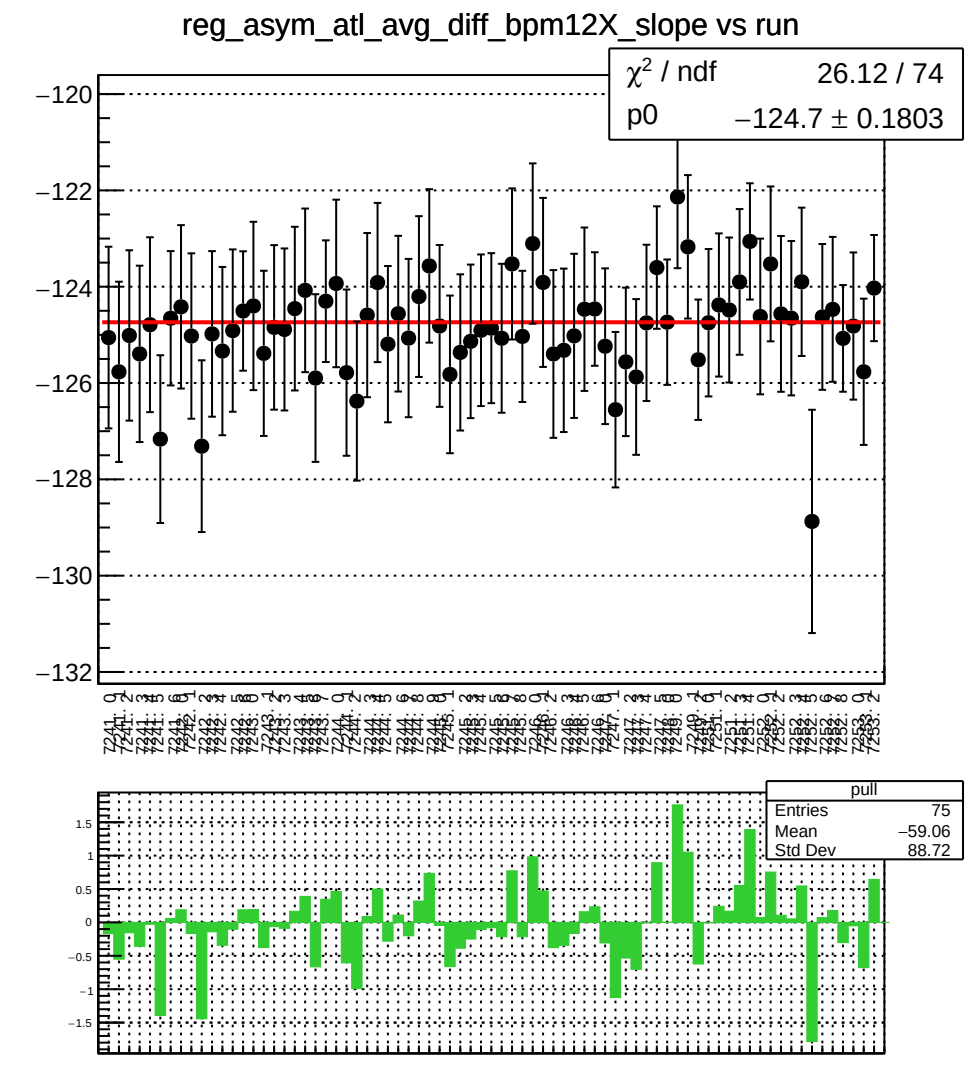

pull1D
Entries 75
Mean −0.00314
Std Dev 0.4201
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

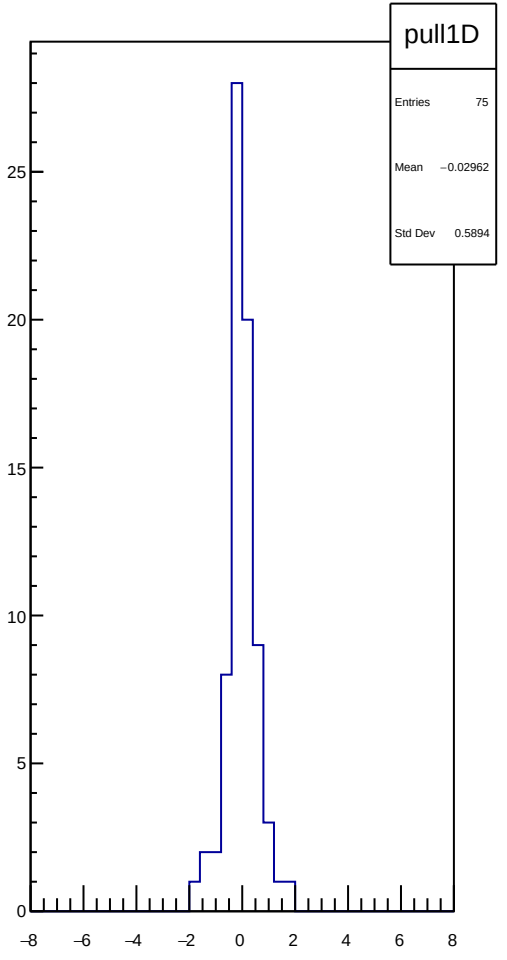

reg_asym_atl_avg_diff_bpm4aY_slope vs run
χ² / ndf 10.44 / 74
p0 28.02 ± 3.67
pull
Entries 75
Mean −259.2
Std Dev 304.9
pull1D
Entries 75
Mean 0.005527
Std Dev 0.373

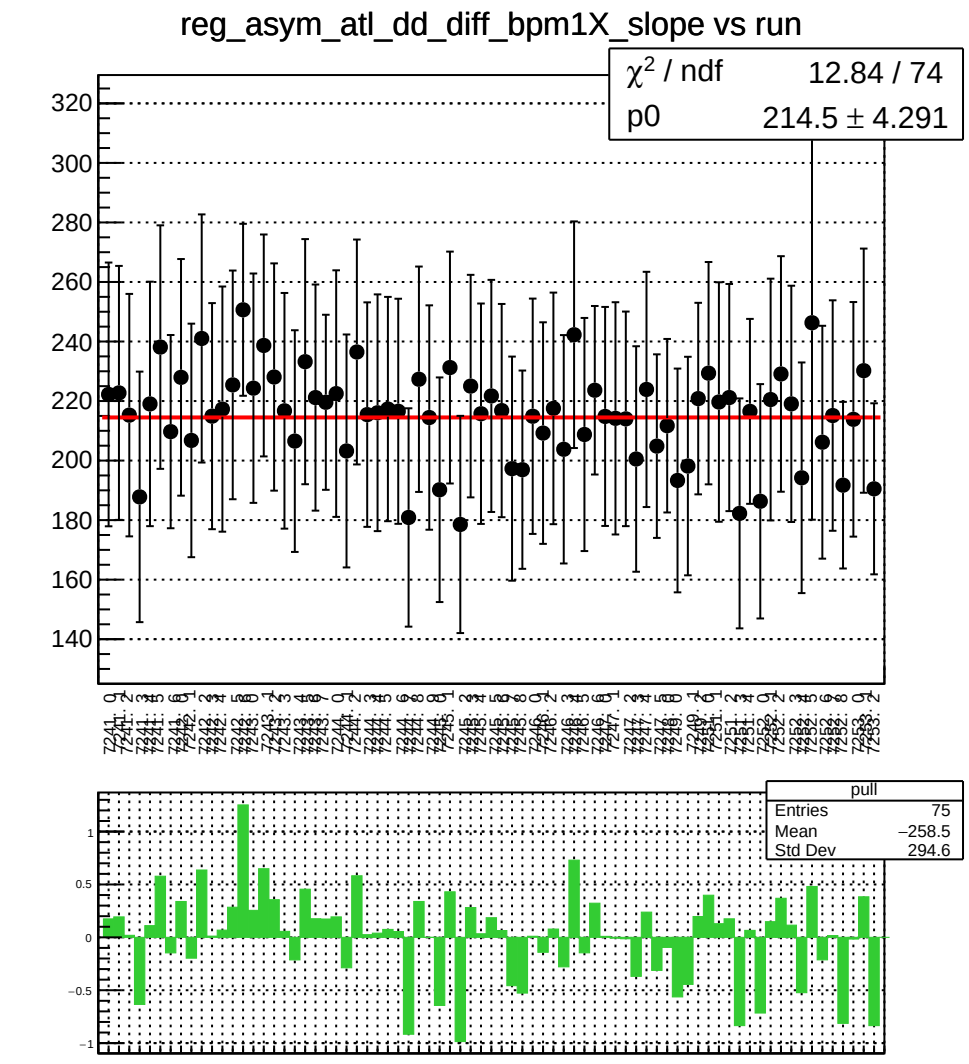

reg_asym_atl_avg_diff_bpm4eX_slope vs run
χ² / ndf 13.85 / 74
p0 227.7 ± 4.985
350
300
250
200
150
pull
Entries 75
Mean −565
Std Dev 614.4
1
0.5
0
−0.5
−1

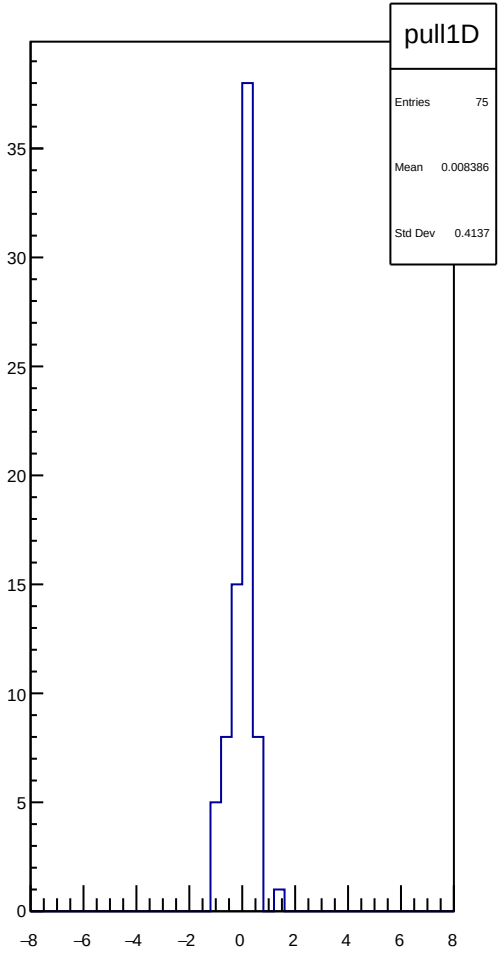

pull1D
Entries 75
Mean 0.004031
Std Dev 0.4297
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

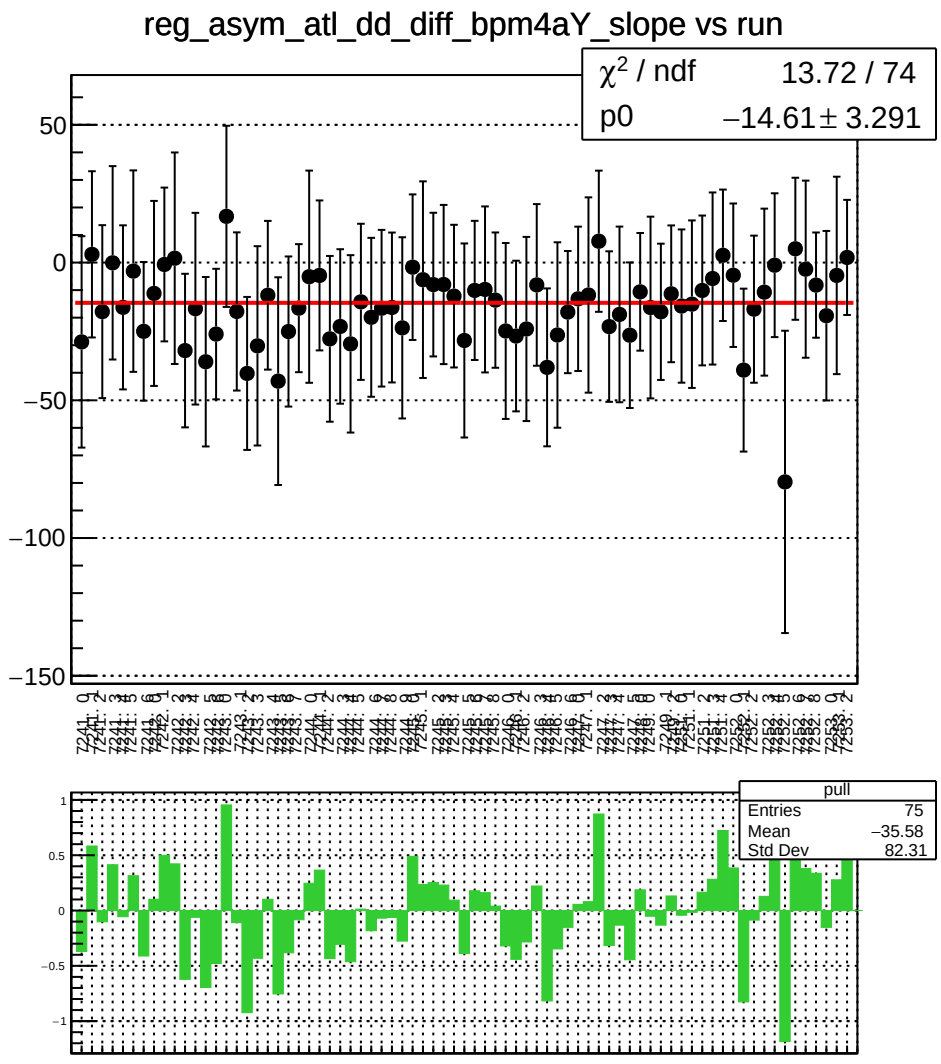

reg_asym_atl_avg_diff_bpm4eY_slope vs run
χ² / ndf 9.942 / 74
p0 27.23 ± 3.949
100
50
0
−50
−100
pull
Entries 75
Mean −615.3
Std Dev 667.3
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 75
Mean −0.001255
Std Dev 0.3641
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

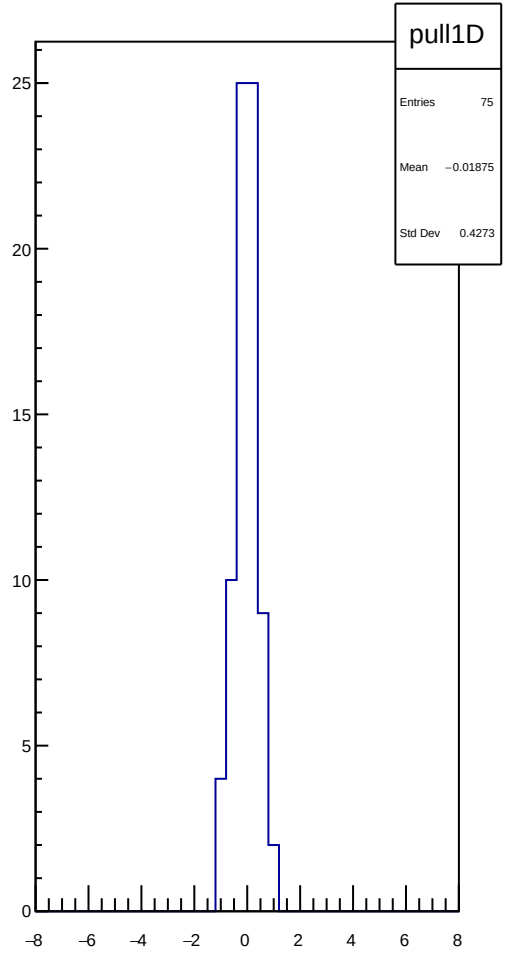

reg_asym_atl_avg_diff_bpm12X_slope vs run
χ² / ndf 26.12 / 74
p0 −124.7 ± 0.1803
pull
Entries 75
Mean −59.06
Std Dev 88.72

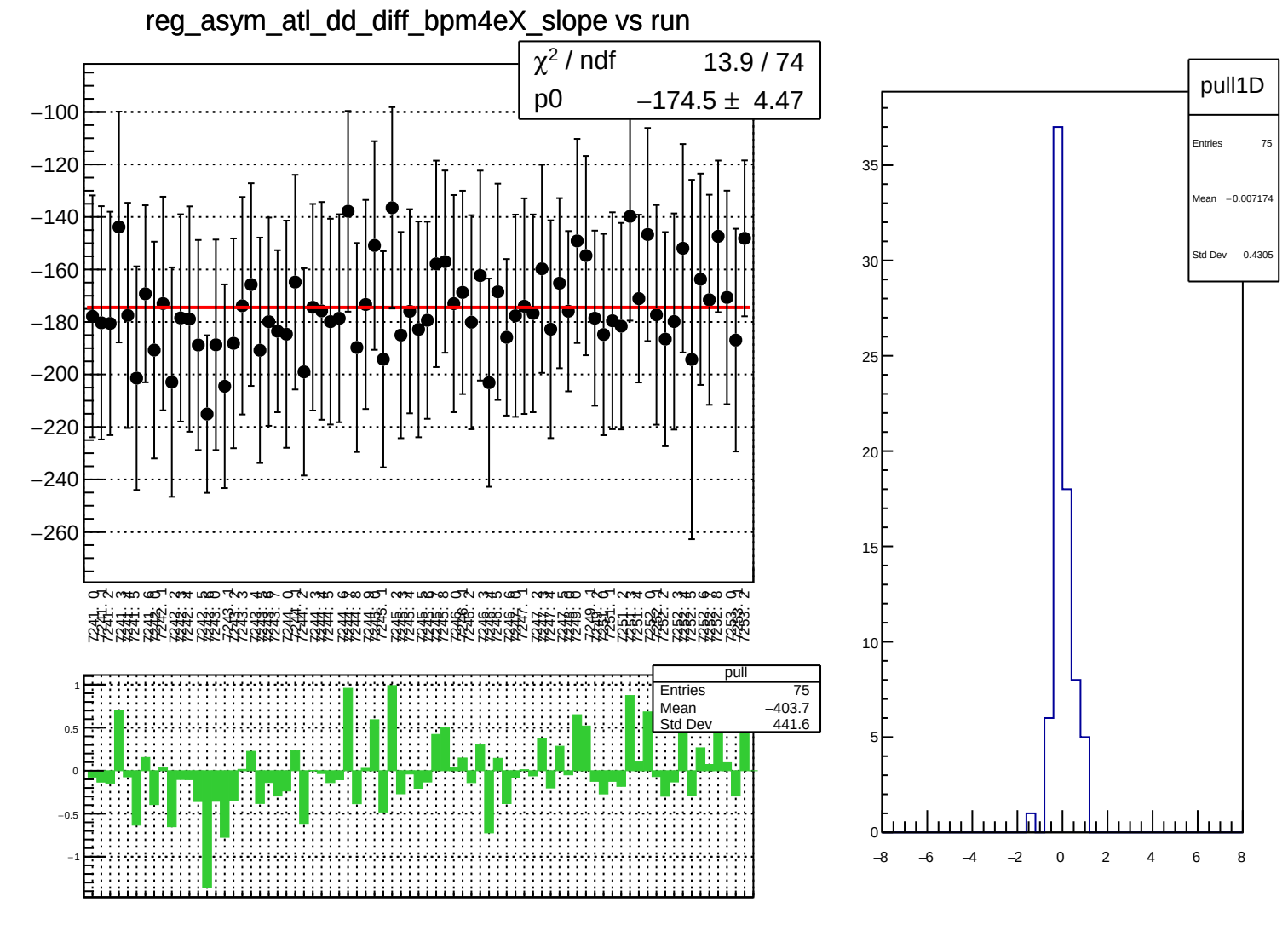

pull1D
Entries 75
Mean −0.02962
Std Dev 0.5894

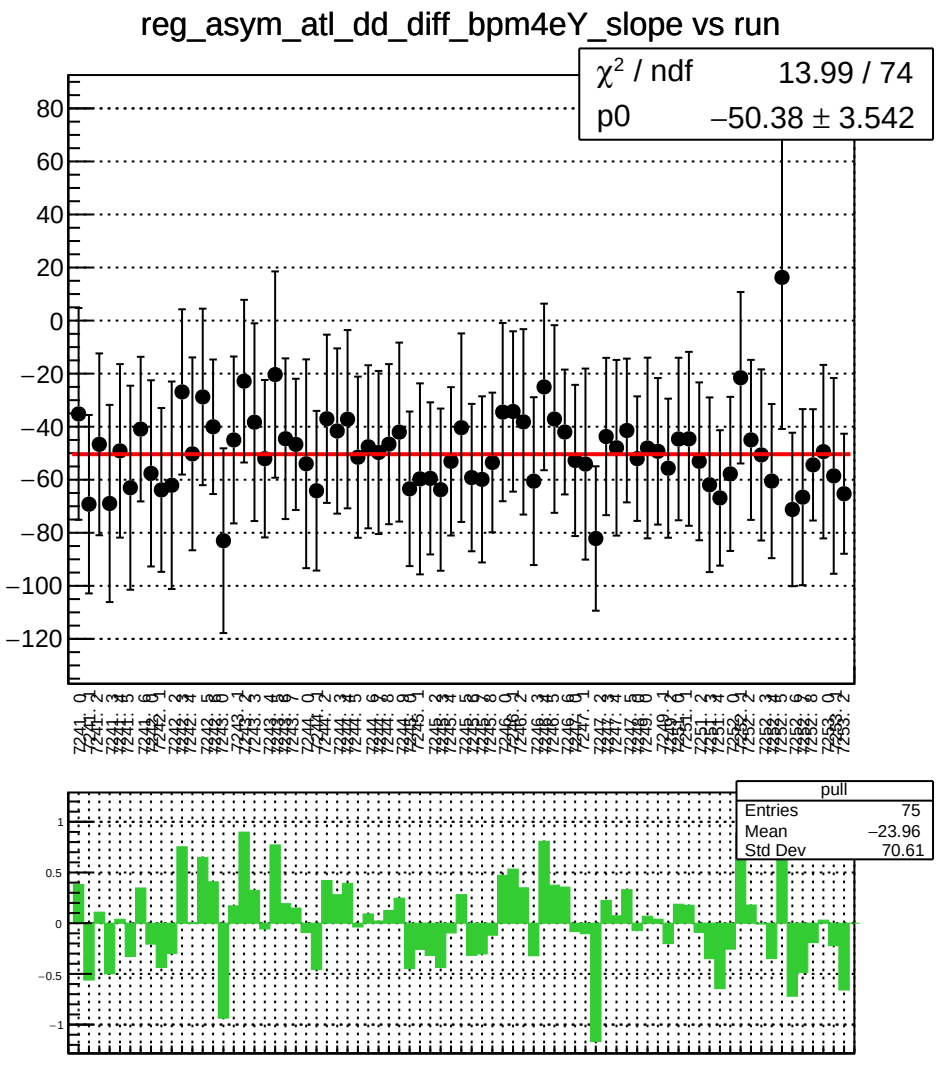

reg_asym_atl_dd_diff_bpm1X_slope vs run
χ² / ndf 12.84 / 74
p0 214.5 ± 4.291
pull
Entries 75
Mean −258.5
Std Dev 294.6

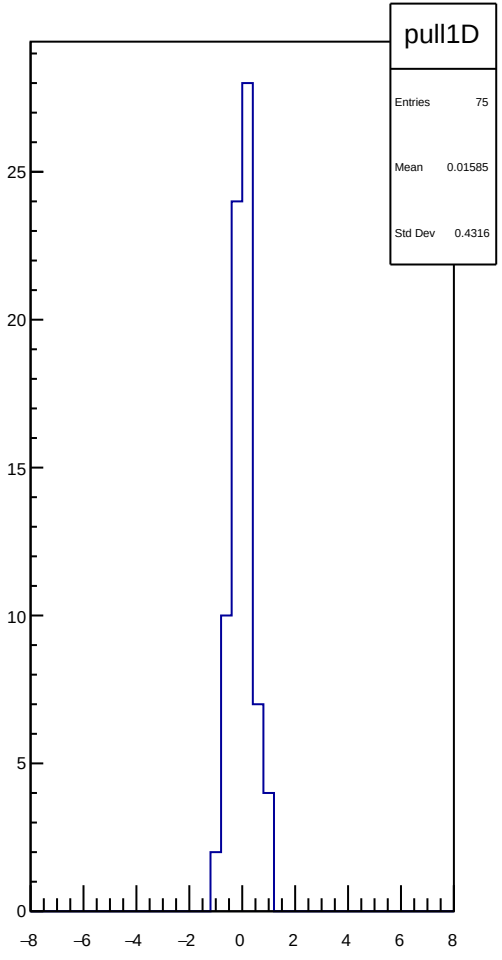

pull1D
Entries 75
Mean 0.008386
Std Dev 0.4137

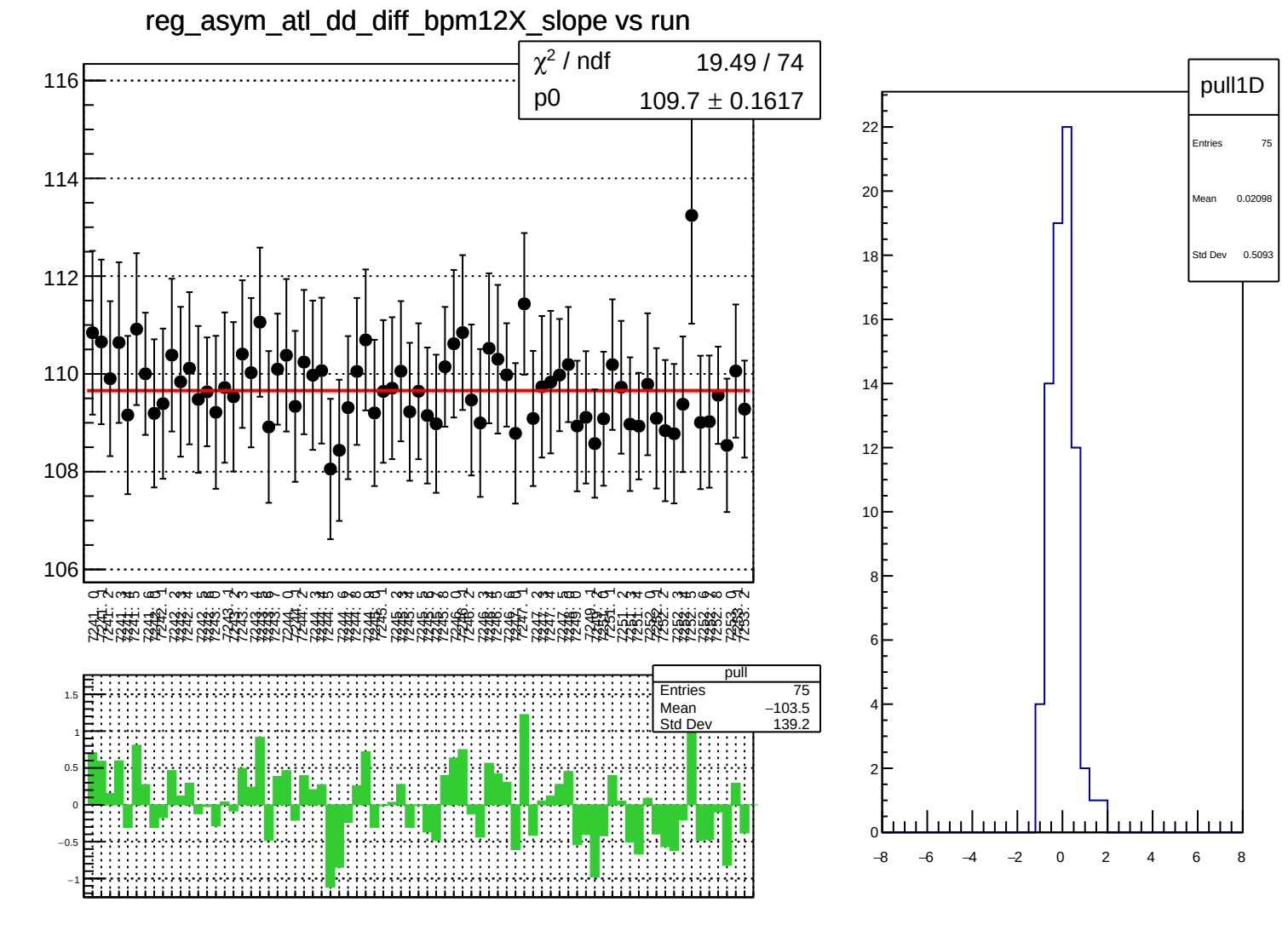

reg_asym_atl_dd_diff_bpm4aY_slope vs run
χ² / ndf 13.72 / 74
p0 −14.61 ± 3.291
50
0
−50
−100
−150
pull
Entries 75
Mean −35.58
Std Dev 82.31
1
0.5
0
−0.5
−1

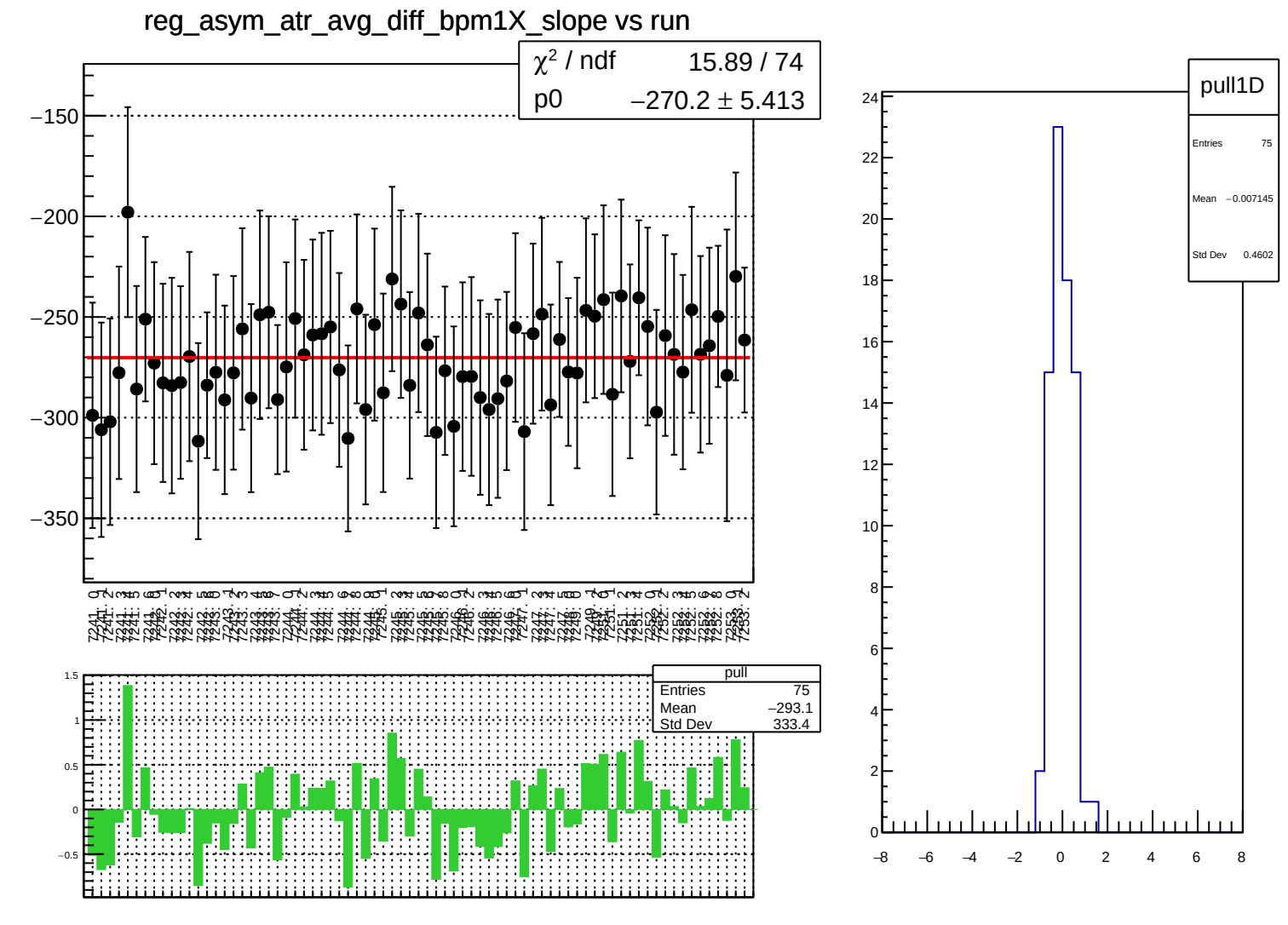

pull1D
Entries 75
Mean −0.01875
Std Dev 0.4273
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

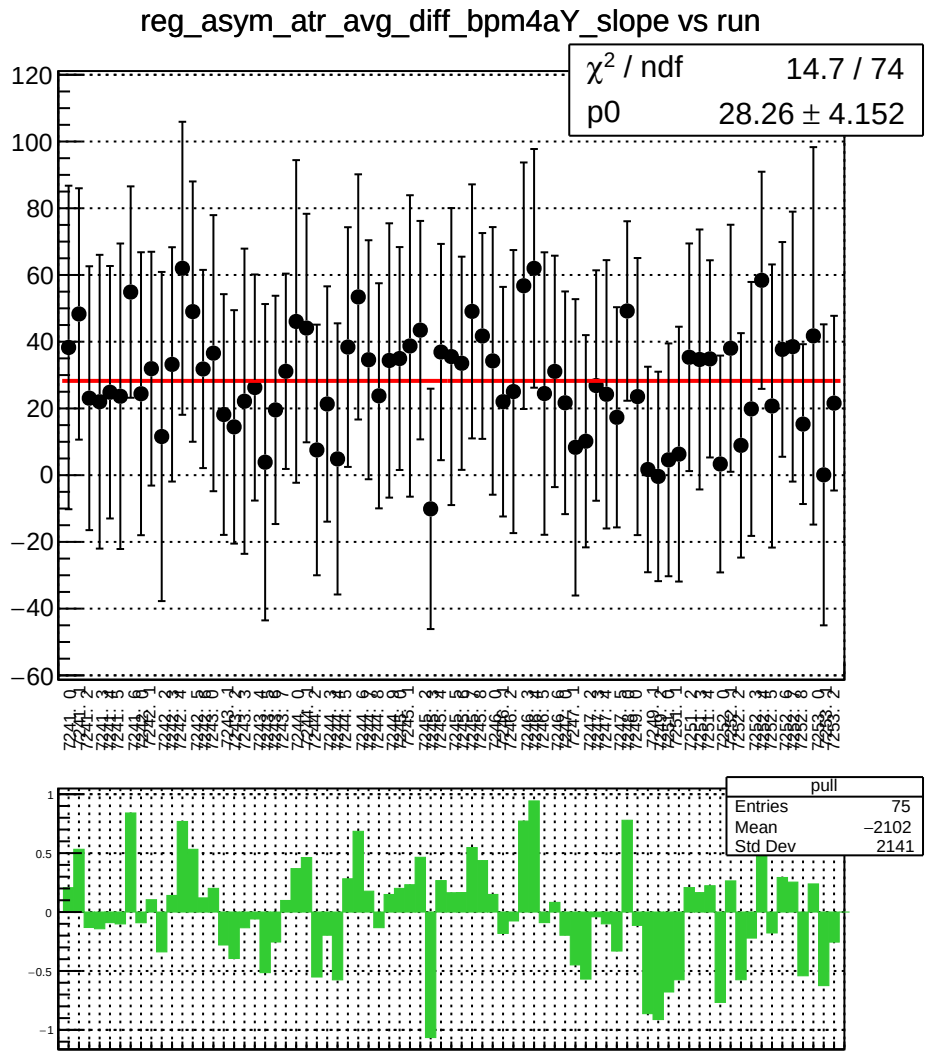

reg_asym_atl_dd_diff_bpm4eX_slope vs run
χ² / ndf 13.9 / 74
p0 −174.5 ± 4.47
pull
Entries 75
Mean −403.7
Std Dev 441.6
pull1D
Entries 75
Mean −0.007174
Std Dev 0.4305

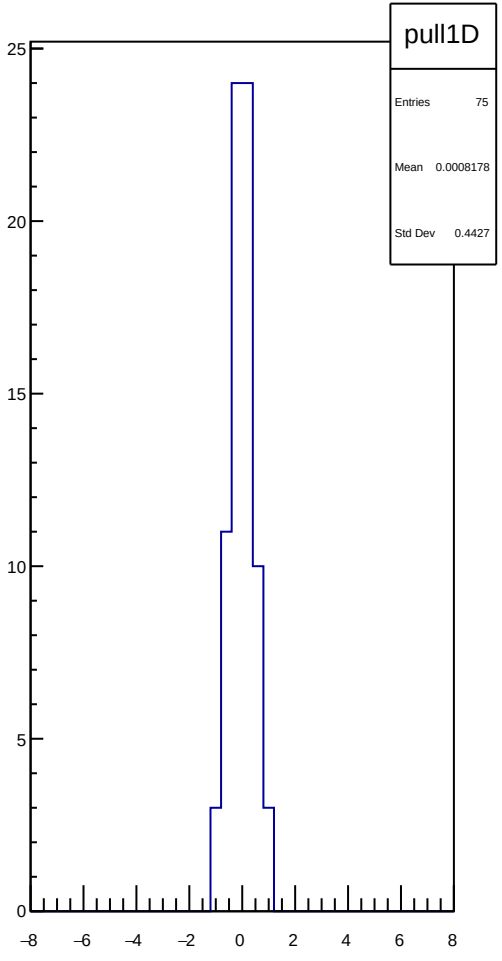

reg_asym_atl_dd_diff_bpm4eY_slope vs run
χ² / ndf 13.99 / 74
p0 −50.38 ± 3.542
pull
Entries 75
Mean −23.96
Std Dev 70.61

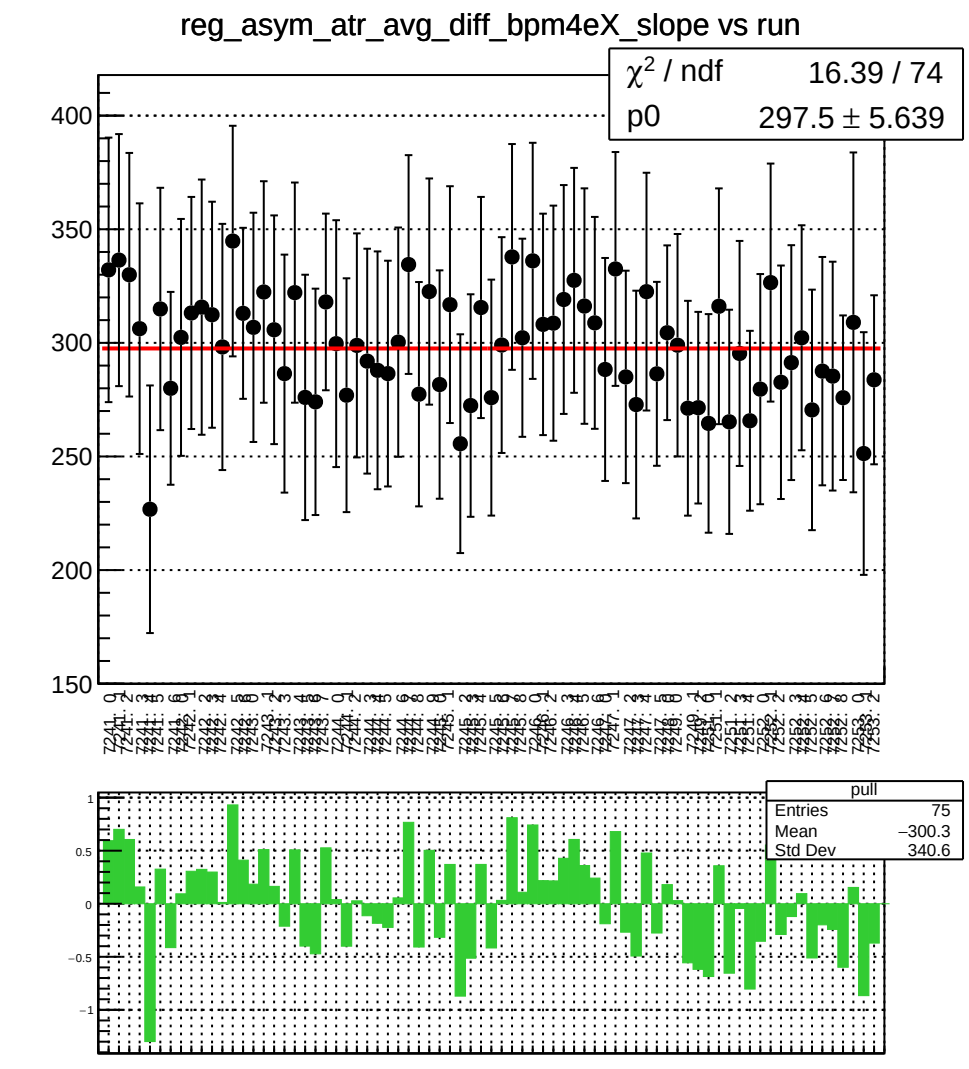

pull1D
Entries 75
Mean 0.01585
Std Dev 0.4316

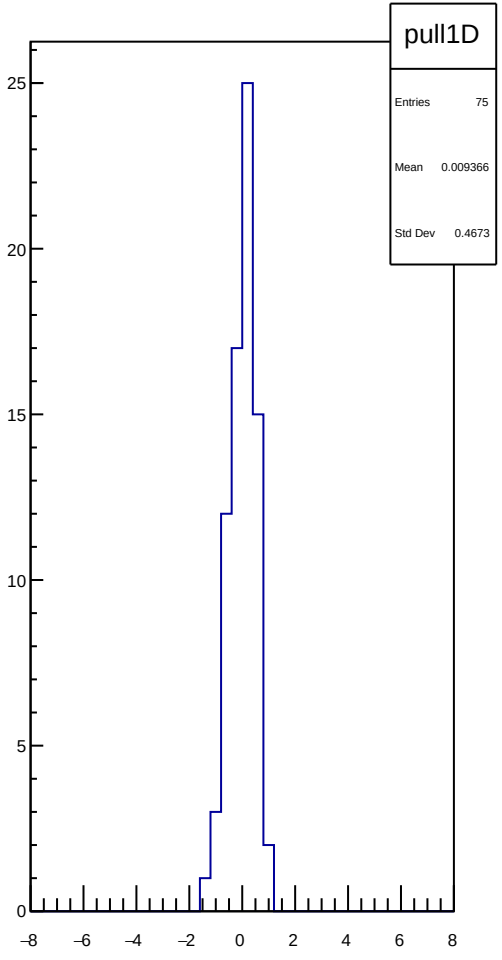

reg_asym_atl_dd_diff_bpm12X_slope vs run
χ² / ndf 19.49 / 74
p0 109.7 ± 0.1617
116
114
112
110
108
106
pull
Entries 75
Mean −103.5
Std Dev 139.2
1.5
1
0.5
0
−0.5
−1
pull1D
Entries 75
Mean 0.02098
Std Dev 0.5093
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

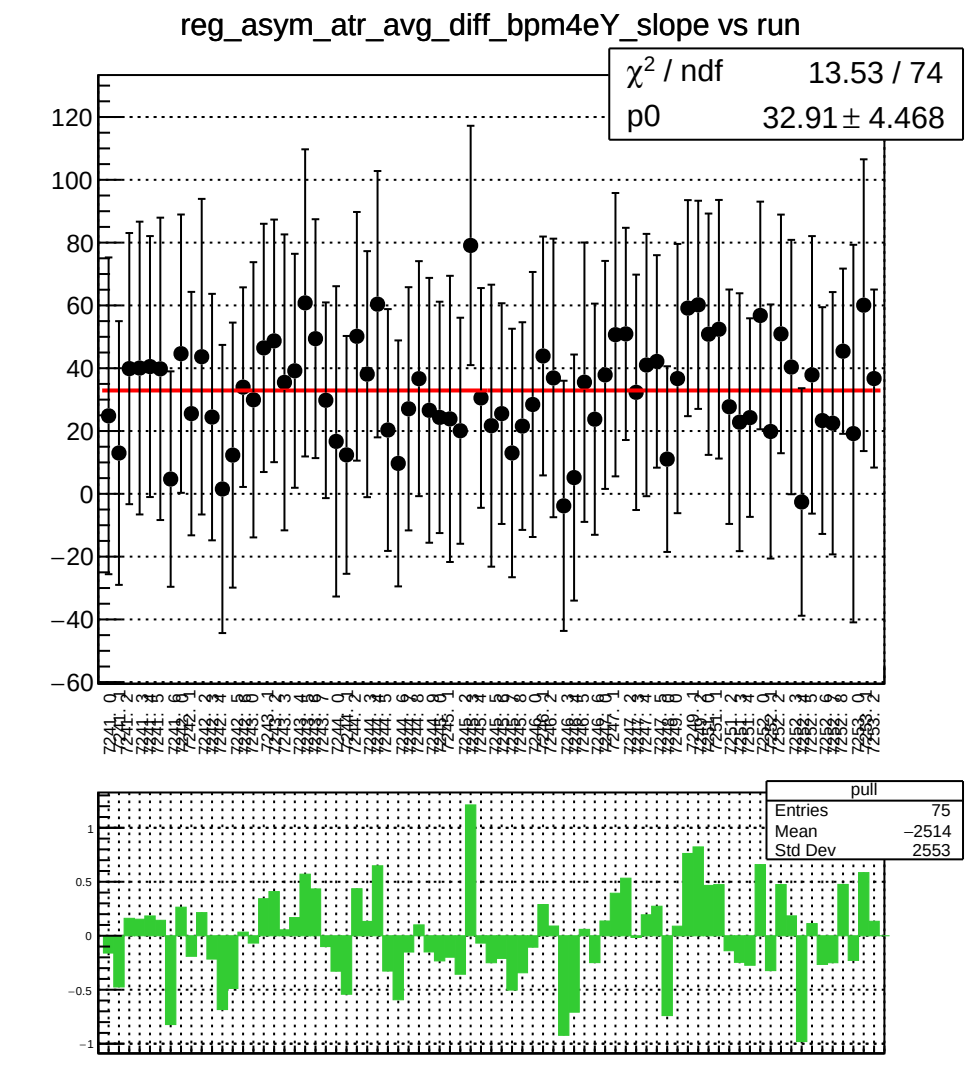

reg_asym_atr_avg_diff_bpm1X_slope vs run
χ² / ndf 15.89 / 74
p0 −270.2 ± 5.413
−150
−200
−250
−300
−350
pull
Entries 75
Mean −293.1
Std Dev 333.4
1.5
1
0.5
0
−0.5
pull1D
Entries 75
Mean −0.007145
Std Dev 0.4602
24
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

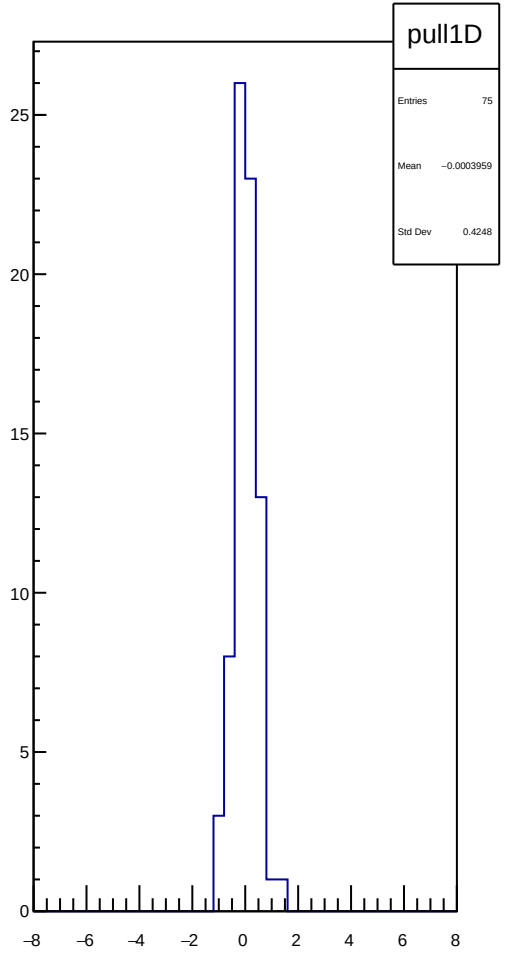

reg_asym_atr_avg_diff_bpm4aY_slope vs run
χ² / ndf 14.7 / 74
p0 28.26 ± 4.152
pull
Entries 75
Mean −2102
Std Dev 2141

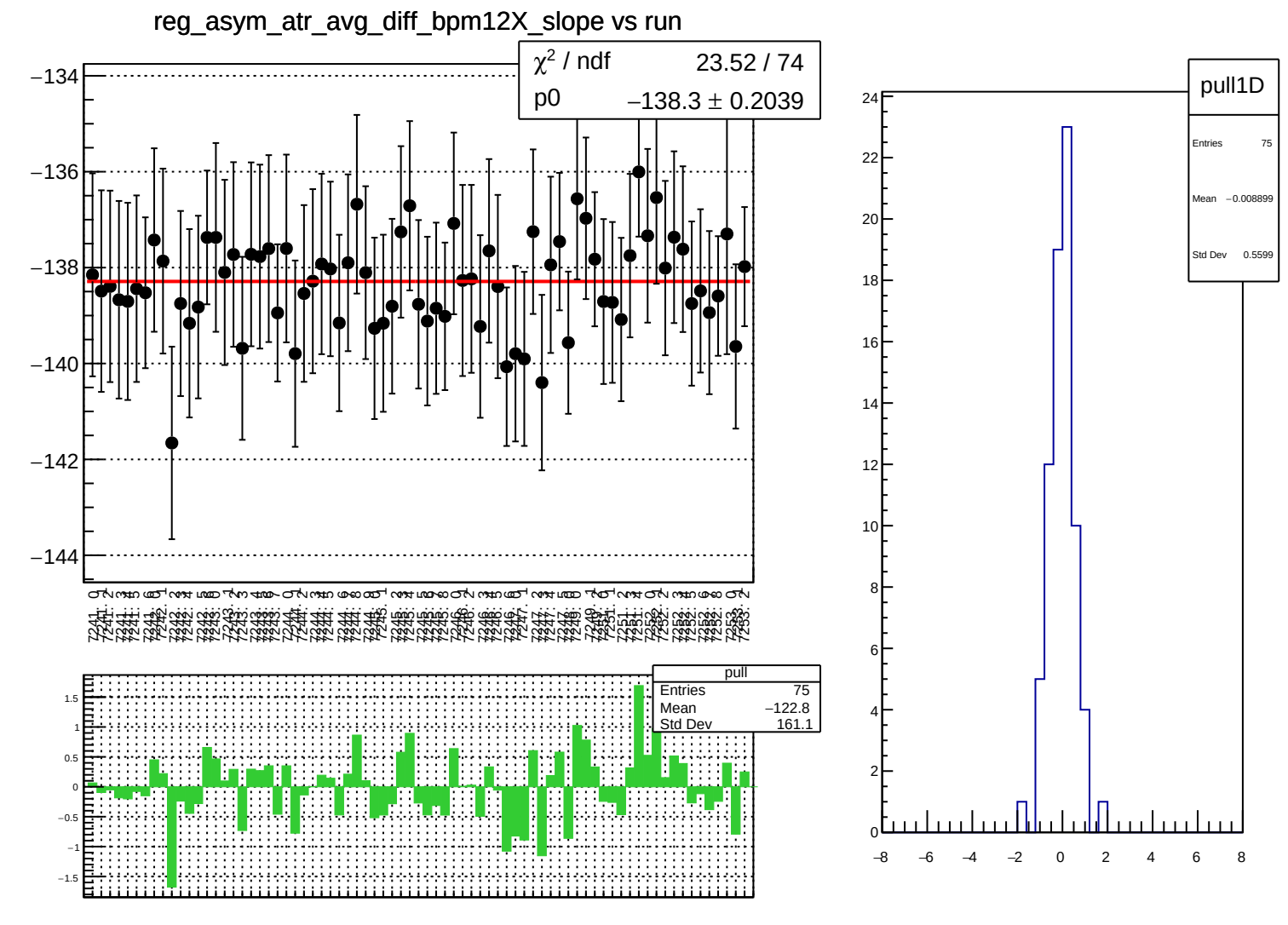

pull1D
Entries 75
Mean 0.0008178
Std Dev 0.4427

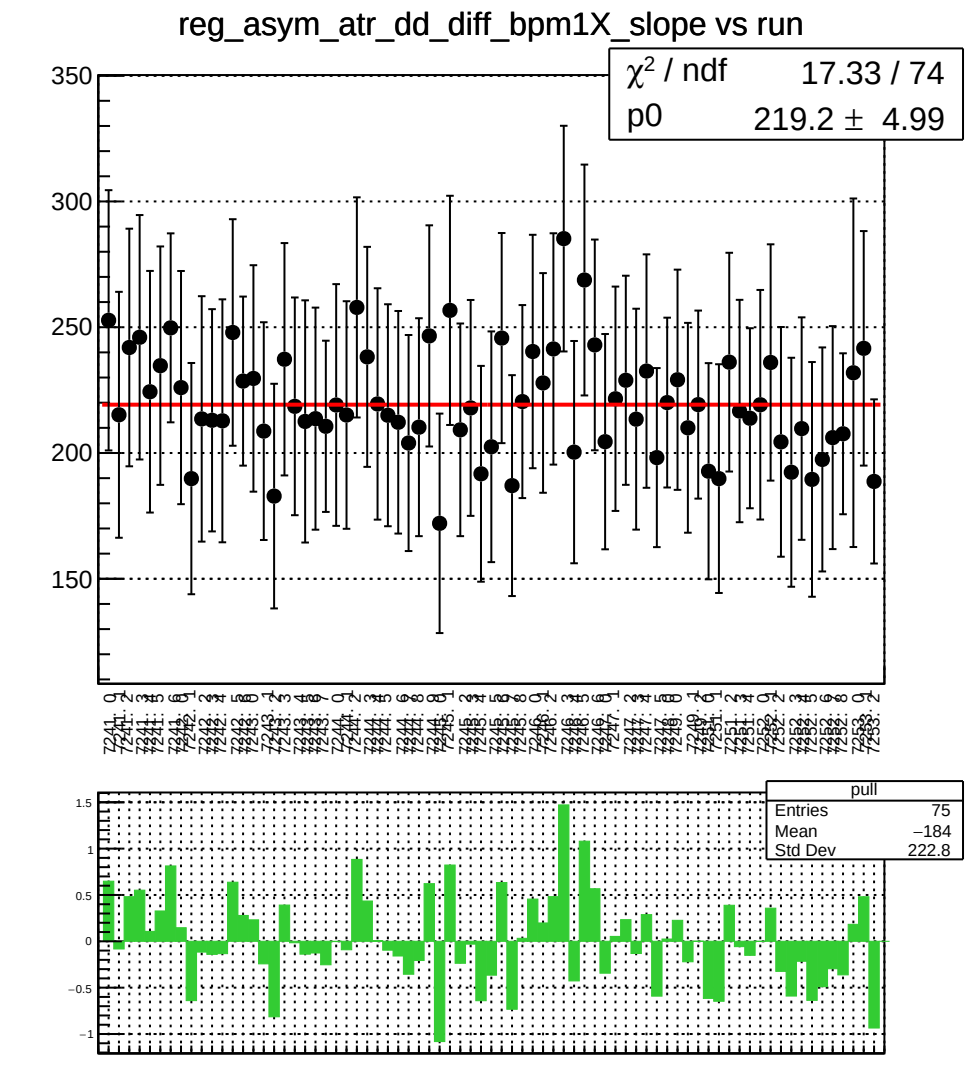

reg_asym_atr_avg_diff_bpm4eX_slope vs run
χ² / ndf 16.39 / 74
p0 297.5 ± 5.639
pull
Entries 75
Mean −300.3
Std Dev 340.6

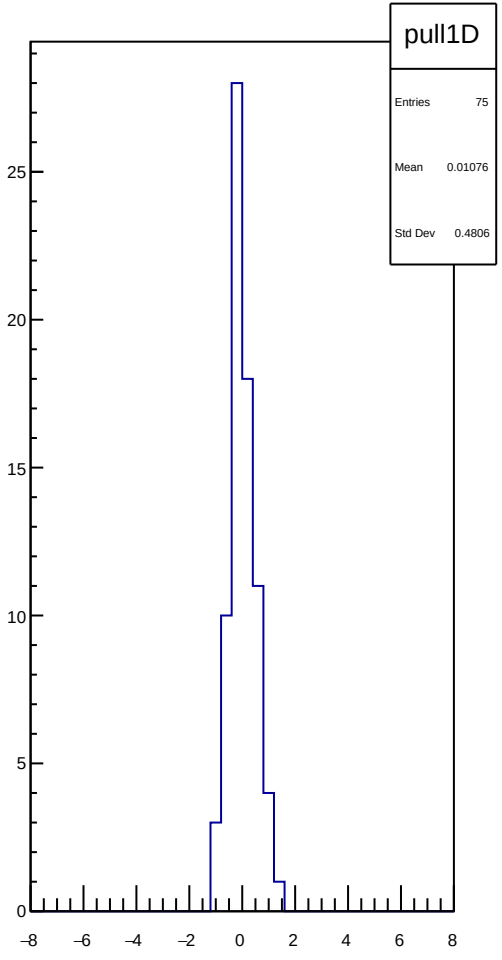

pull1D
Entries 75
Mean 0.009366
Std Dev 0.4673

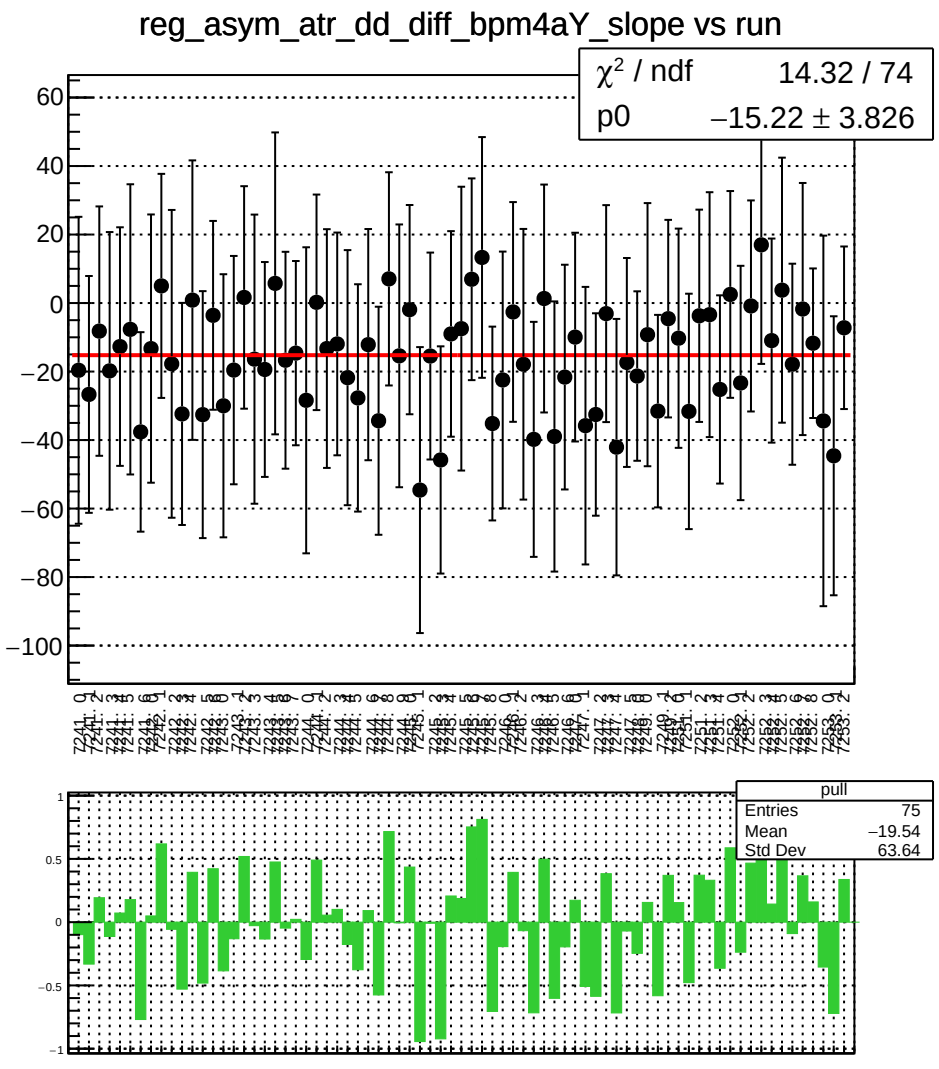

reg_asym_atr_avg_diff_bpm4eY_slope vs run
χ² / ndf 13.53 / 74
p0 32.91 ± 4.468
pull
Entries 75
Mean −2514
Std Dev 2553

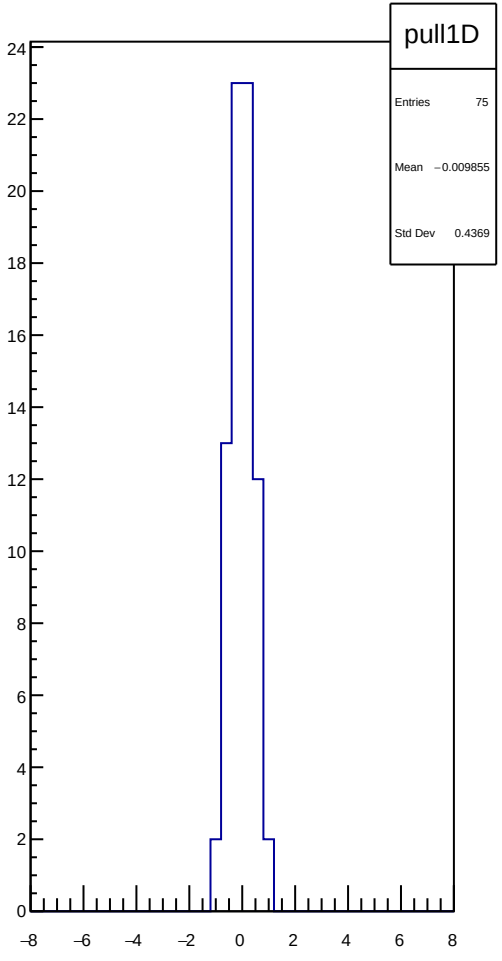

pull1D
Entries 75
Mean −0.0003959
Std Dev 0.4248

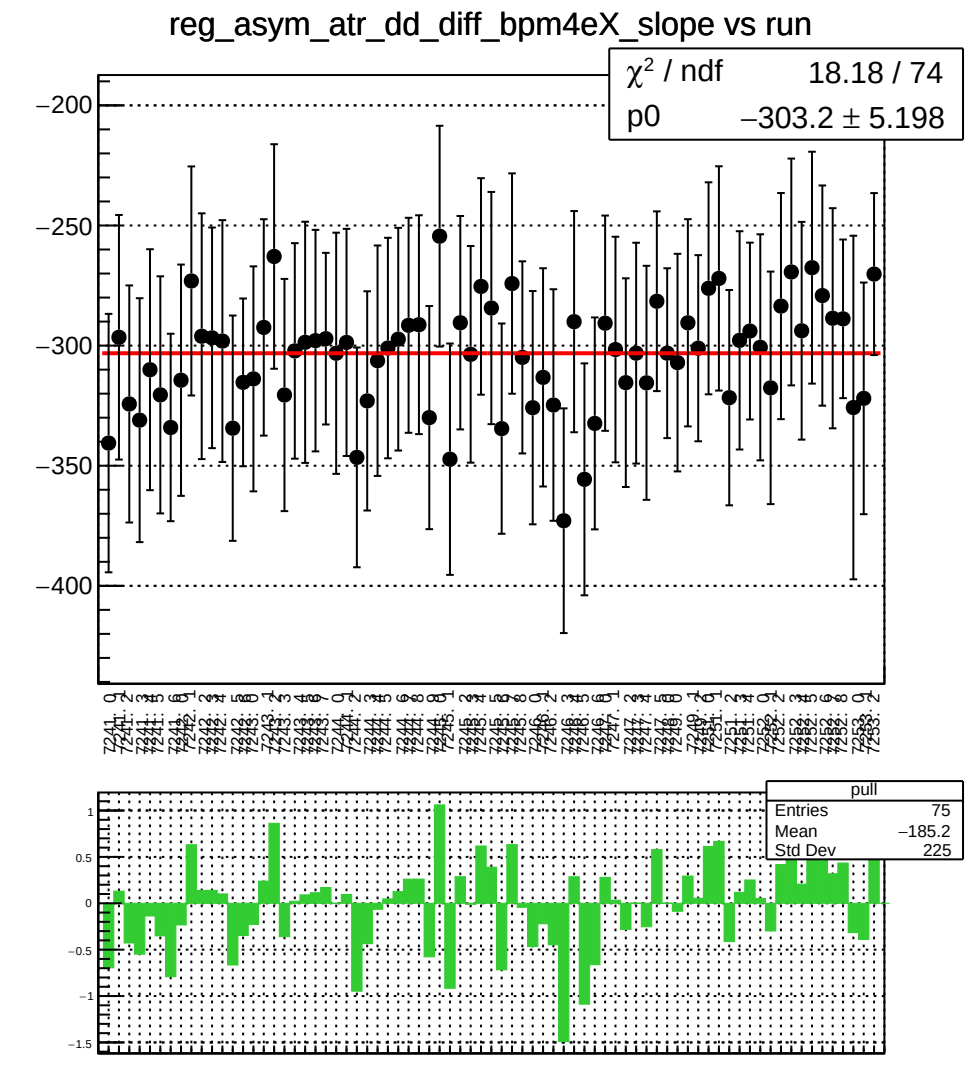

reg_asym_atr_avg_diff_bpm12X_slope vs run
χ² / ndf 23.52 / 74
p0 −138.3 ± 0.2039
pull
Entries 75
Mean −122.8
Std Dev 161.1
pull1D
Entries 75
Mean −0.008899
Std Dev 0.5599

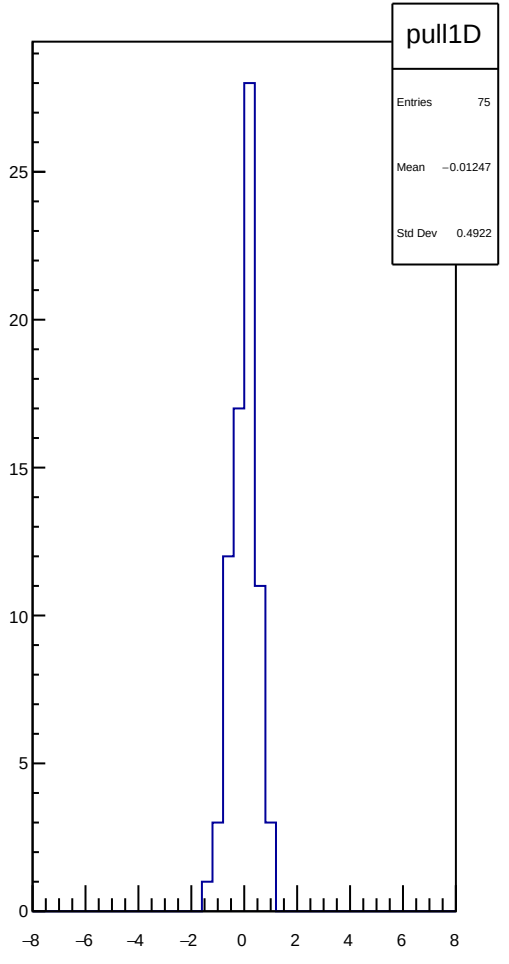

reg_asym_atr_dd_diff_bpm1X_slope vs run
χ² / ndf 17.33 / 74
p0 219.2 ± 4.99
pull
Entries 75
Mean −184
Std Dev 222.8

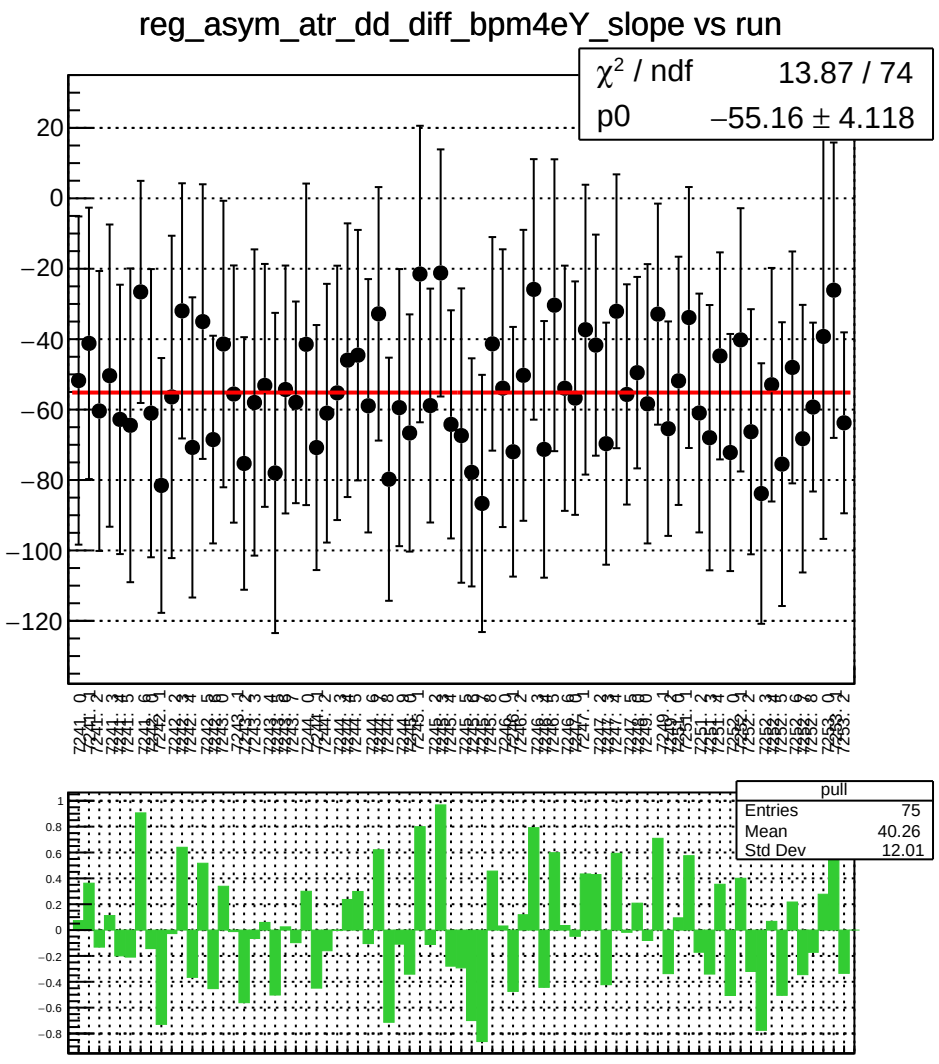

pull1D
Entries 75
Mean 0.01076
Std Dev 0.4806

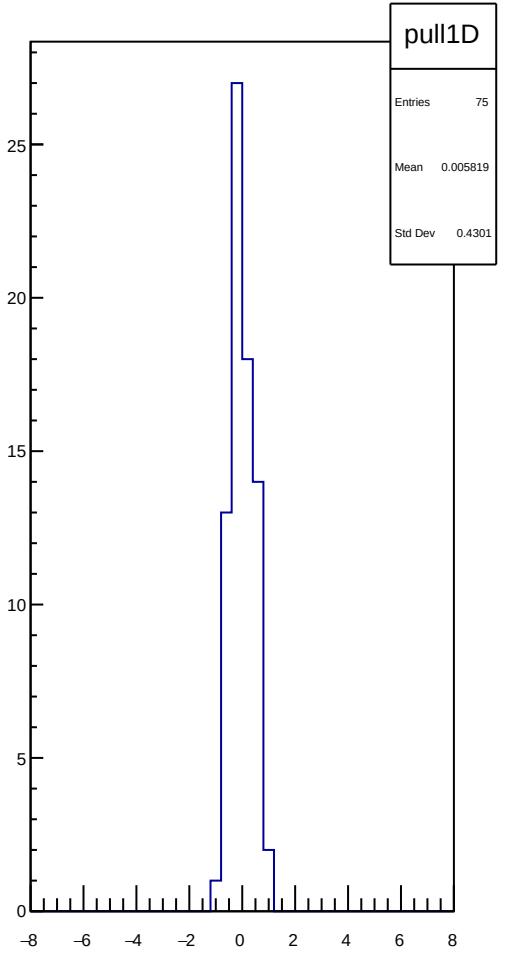

reg_asym_atr_dd_diff_bpm4aY_slope vs run
χ² / ndf 14.32 / 74
p0 −15.22 ± 3.826
pull
Entries 75
Mean −19.54
Std Dev 63.64

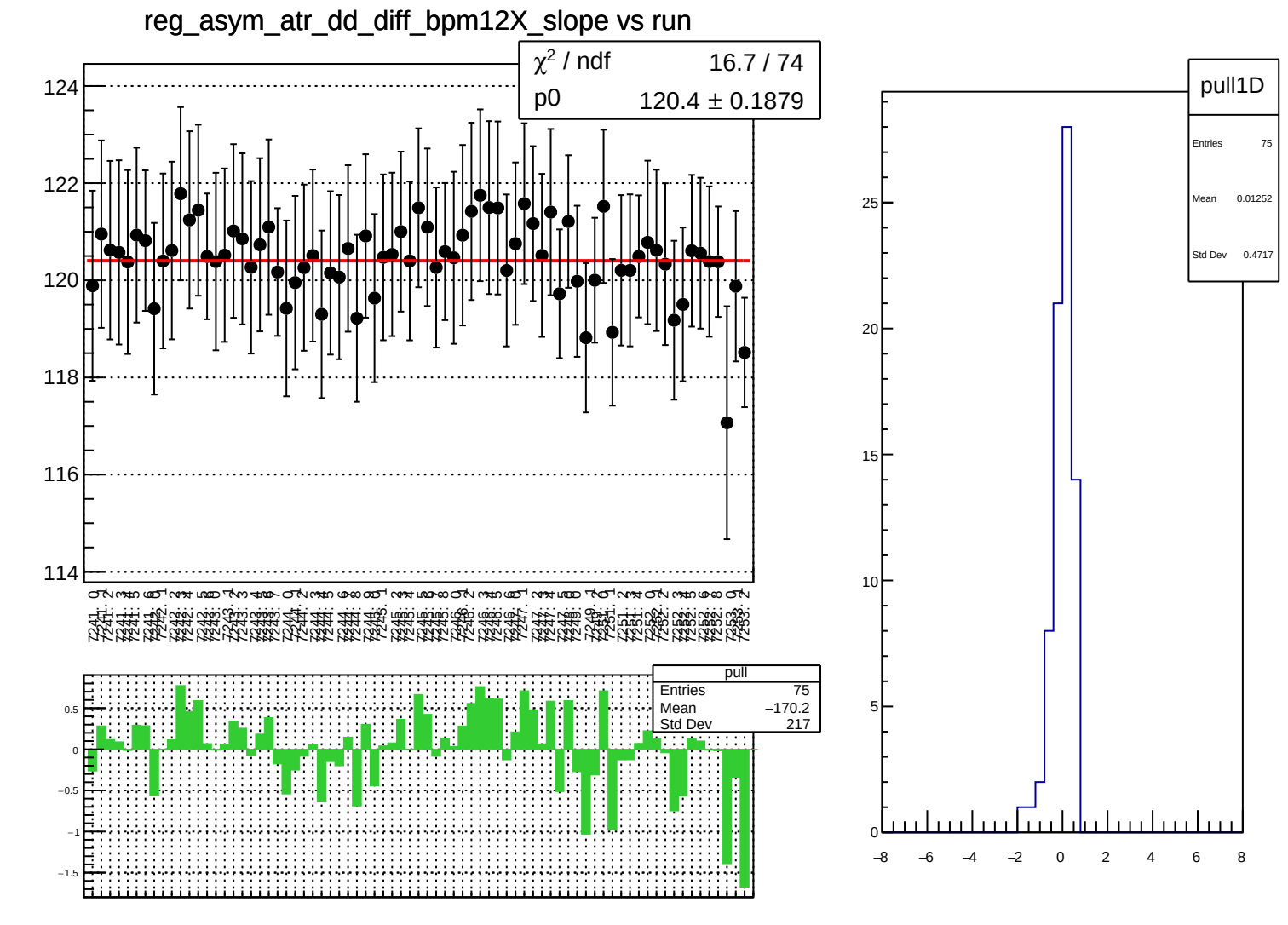

pull1D
Entries 75
Mean −0.009855
Std Dev 0.4369

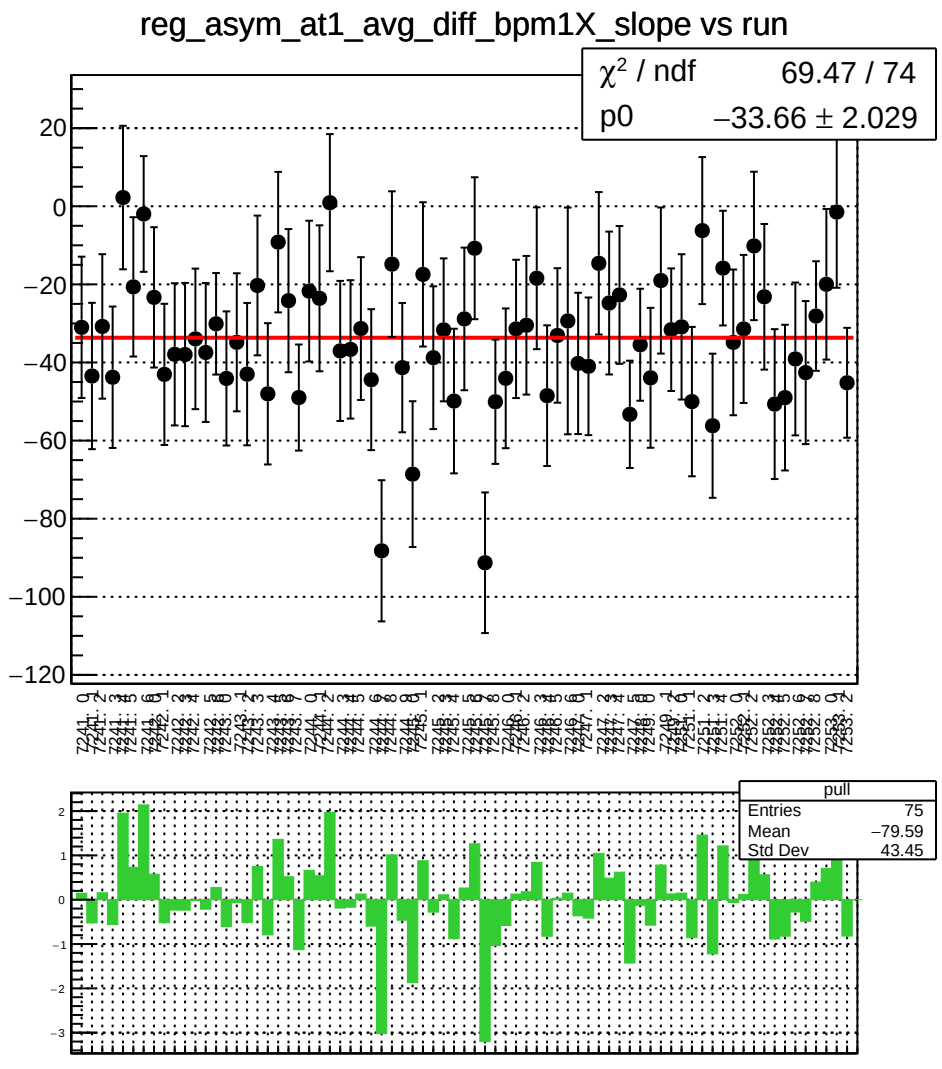

reg_asym_atr_dd_diff_bpm4eX_slope vs run
χ² / ndf 18.18 / 74
p0 −303.2 ± 5.198
−200
−250
−300
−350
−400
pull
Entries 75
Mean −185.2
Std Dev 225
1
0.5
0
−0.5
−1
−1.5

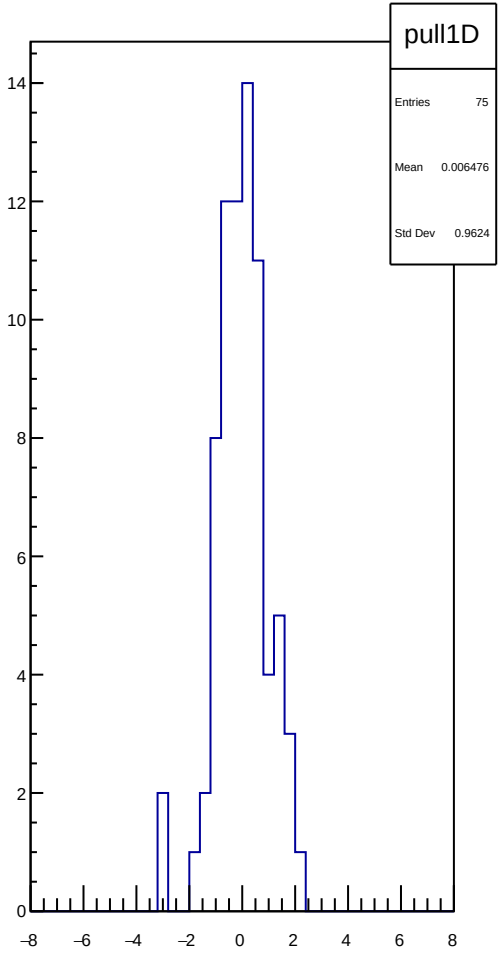

pull1D
Entries 75
Mean −0.01247
Std Dev 0.4922
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

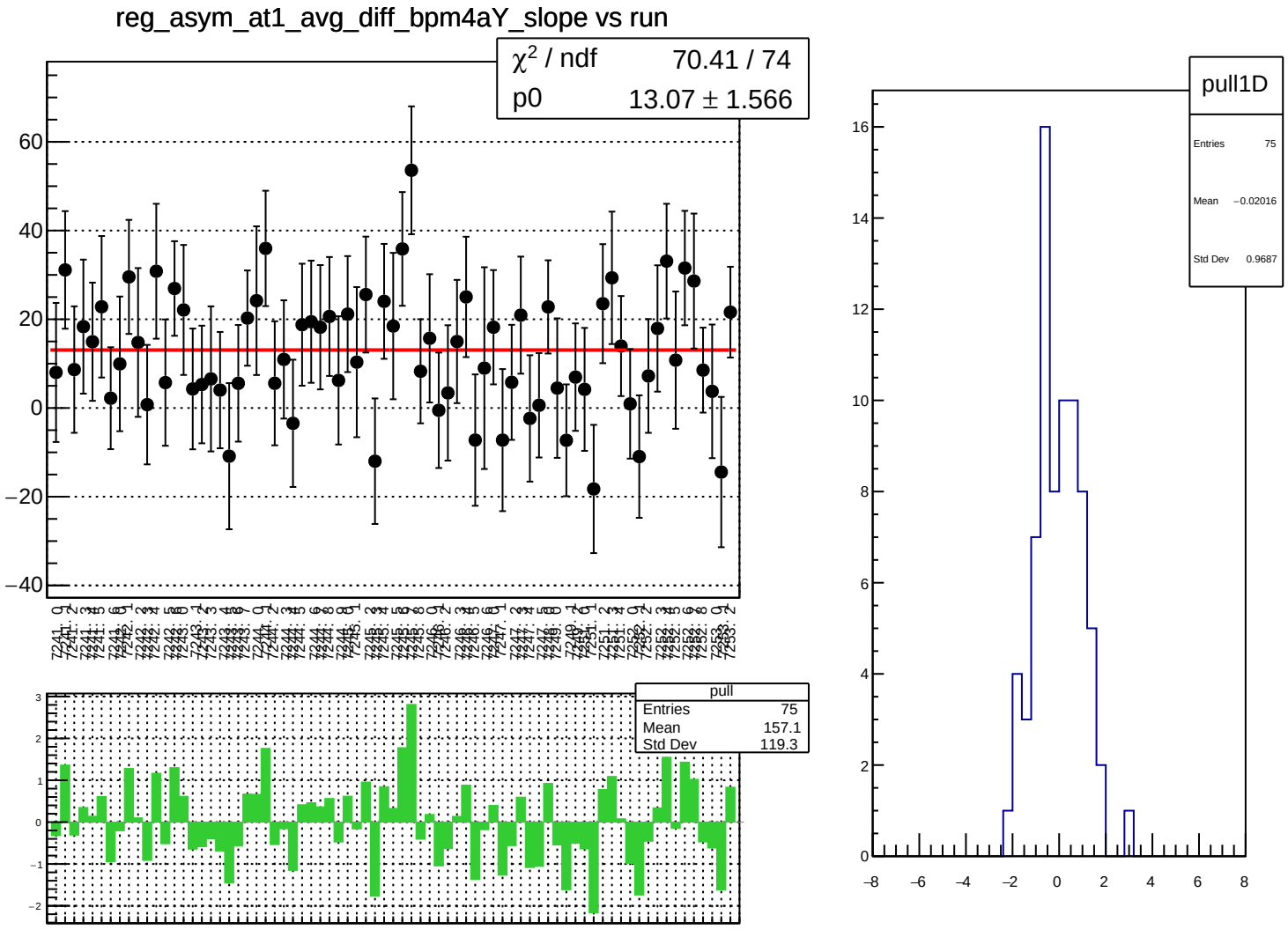

reg_asym_atr_dd_diff_bpm4eY_slope vs run
χ² / ndf 13.87 / 74
p0 −55.16 ± 4.118
pull
Entries 75
Mean 40.26
Std Dev 12.01

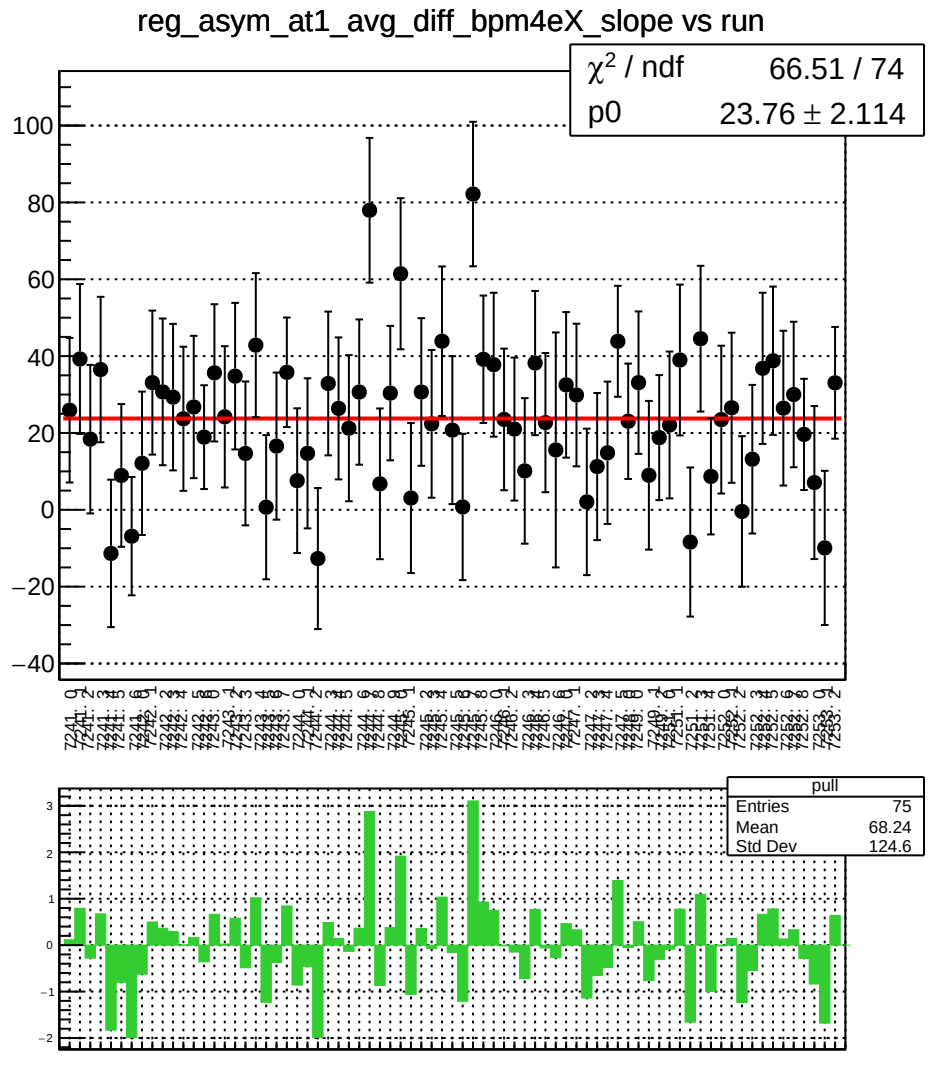

pull1D
Entries 75
Mean 0.005819
Std Dev 0.4301

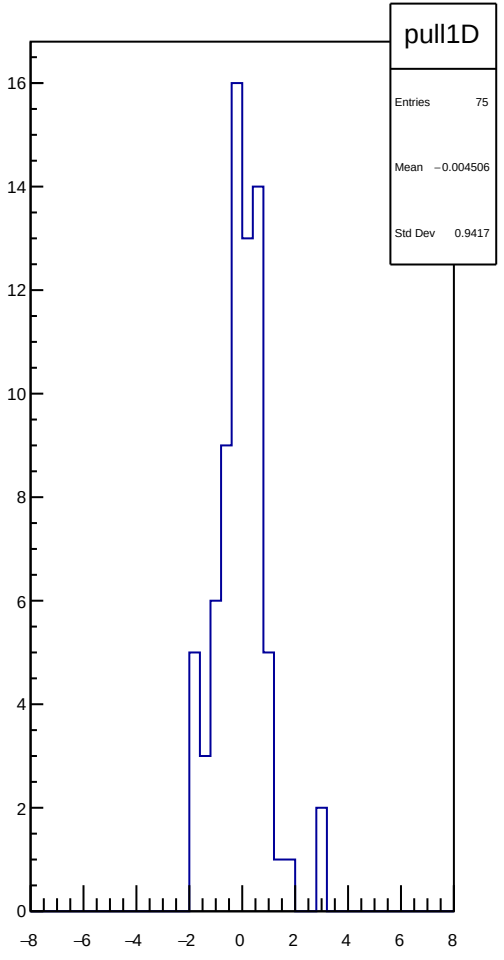

reg_asym_atr_dd_diff_bpm12X_slope vs run
χ^2 / ndf 16.7 / 74
p0 120.4 ± 0.1879
124
122
120
118
116
114
pull
Entries 75
Mean −170.2
Std Dev 217
0.5
0
−0.5
−1
−1.5
pull1D
Entries 75
Mean 0.01252
Std Dev 0.4717
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

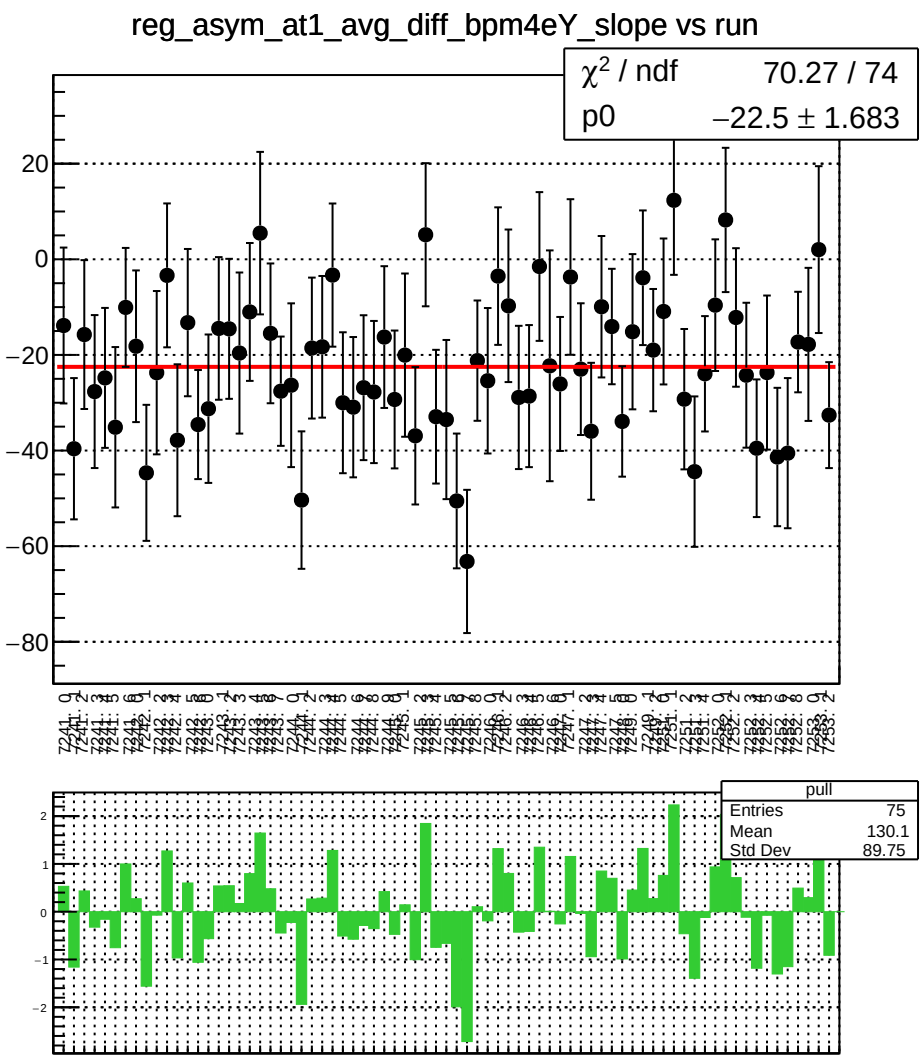

reg_asym_at1_avg_diff_bpm1X_slope vs run
χ² / ndf 69.47 / 74
p0 −33.66 ± 2.029
pull
Entries 75
Mean −79.59
Std Dev 43.45

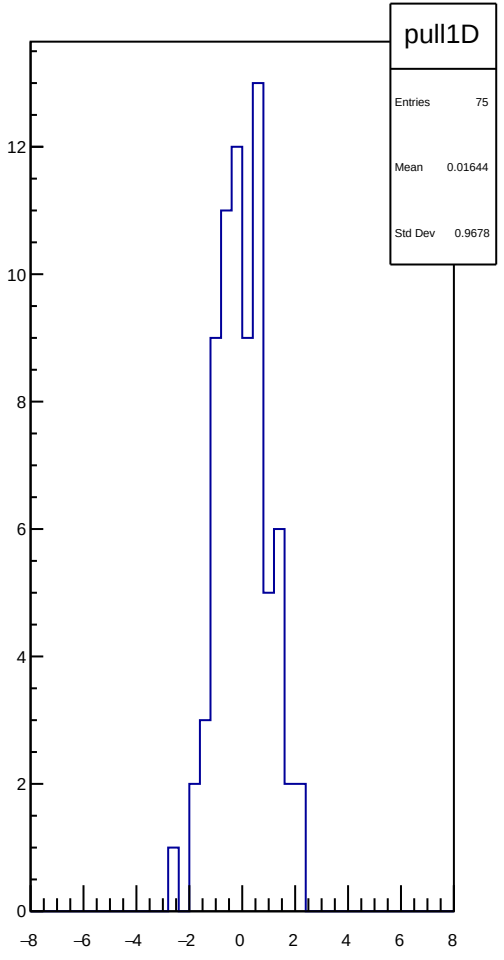

pull1D
Entries 75
Mean 0.006476
Std Dev 0.9624

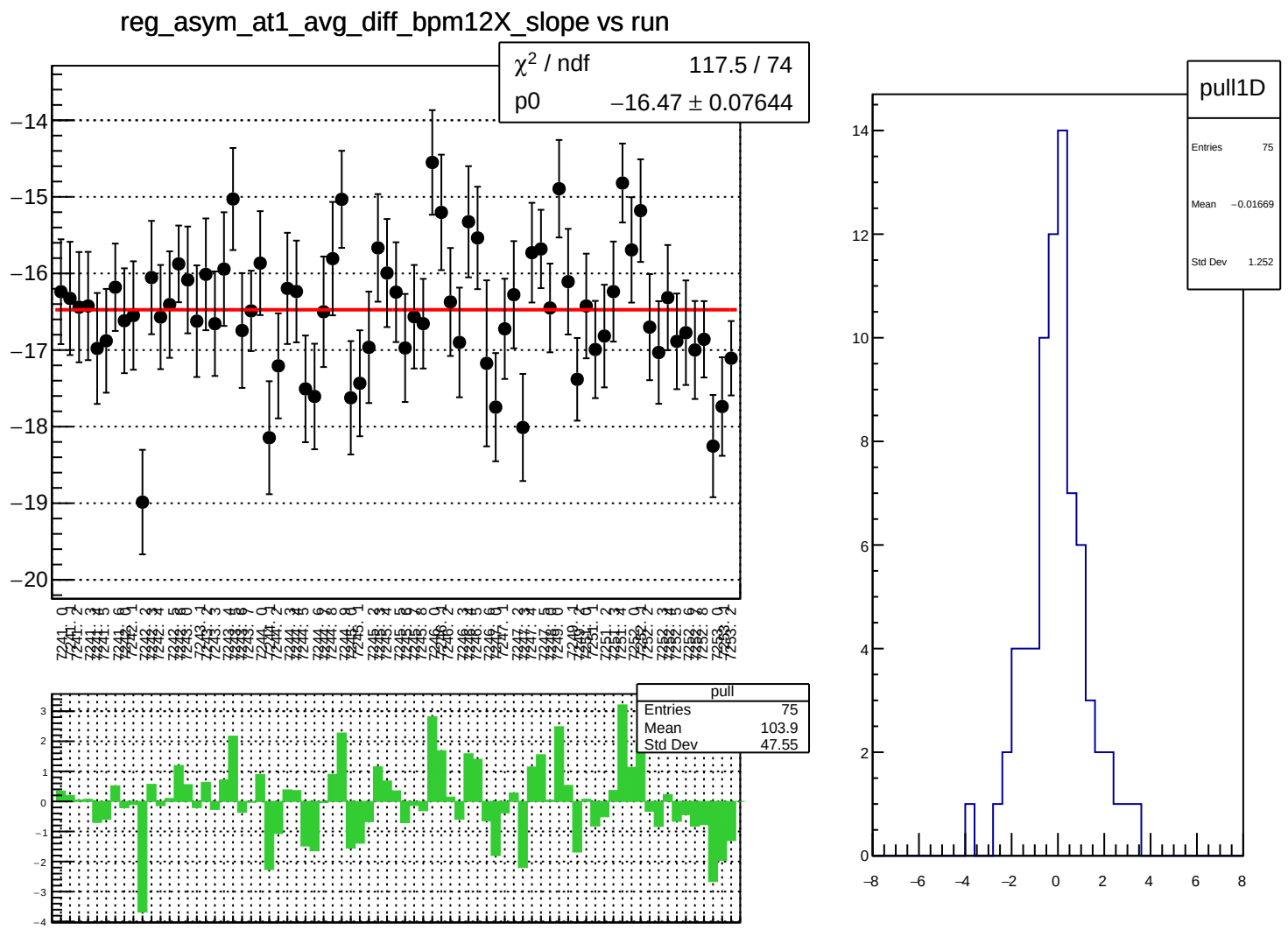

reg_asym_at1_avg_diff_bpm4aY_slope vs run
χ² / ndf 70.41 / 74
p0 13.07 ± 1.566
pull
Entries 75
Mean 157.1
Std Dev 119.3
pull1D
Entries 75
Mean −0.02016
Std Dev 0.9687

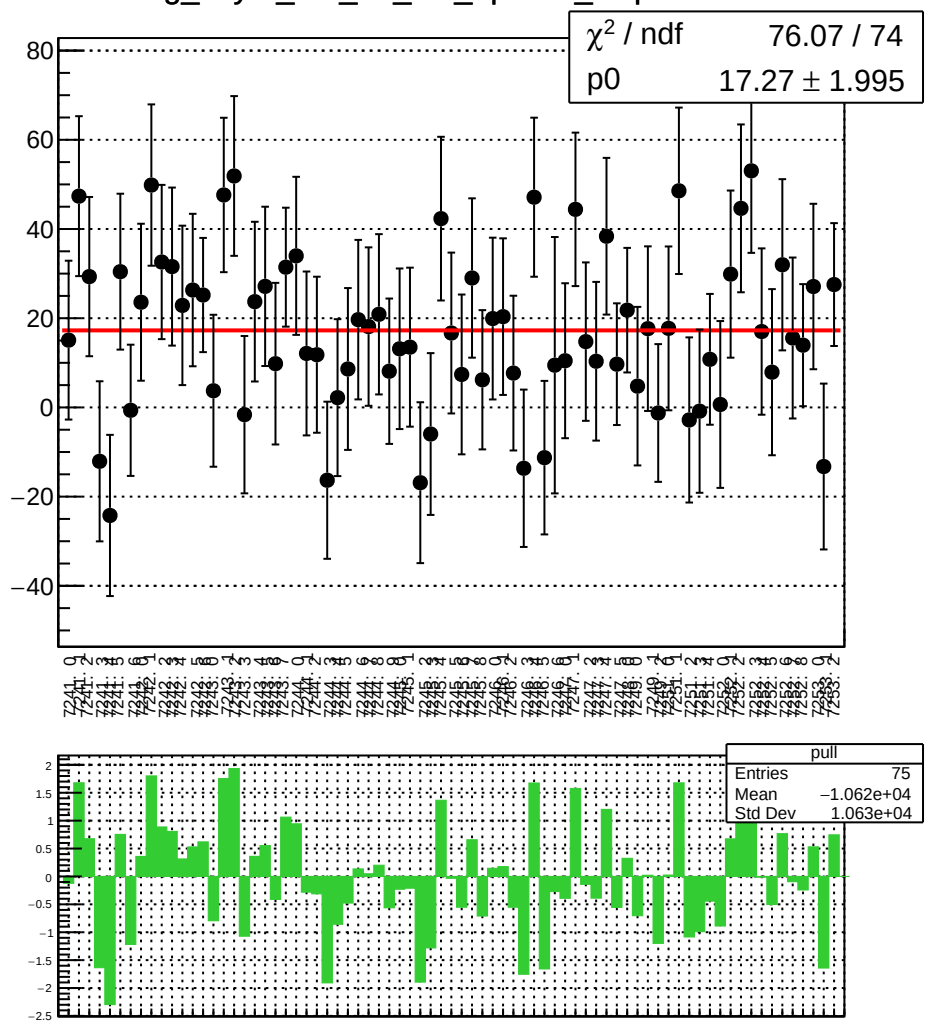

reg_asym_at1_avg_diff_bpm4eX_slope vs run
χ² / ndf 66.51 / 74
p0 23.76 ± 2.114
pull
Entries 75
Mean 68.24
Std Dev 124.6

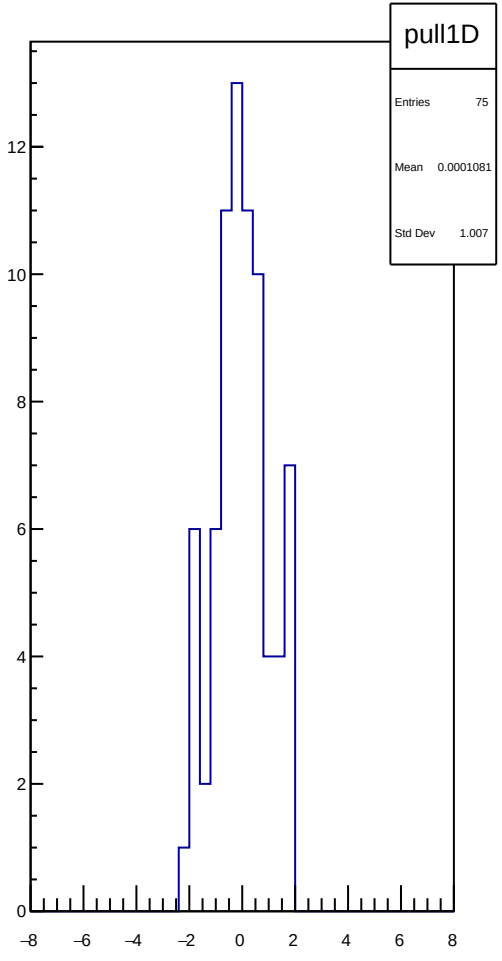

pull1D
Entries 75
Mean −0.004506
Std Dev 0.9417

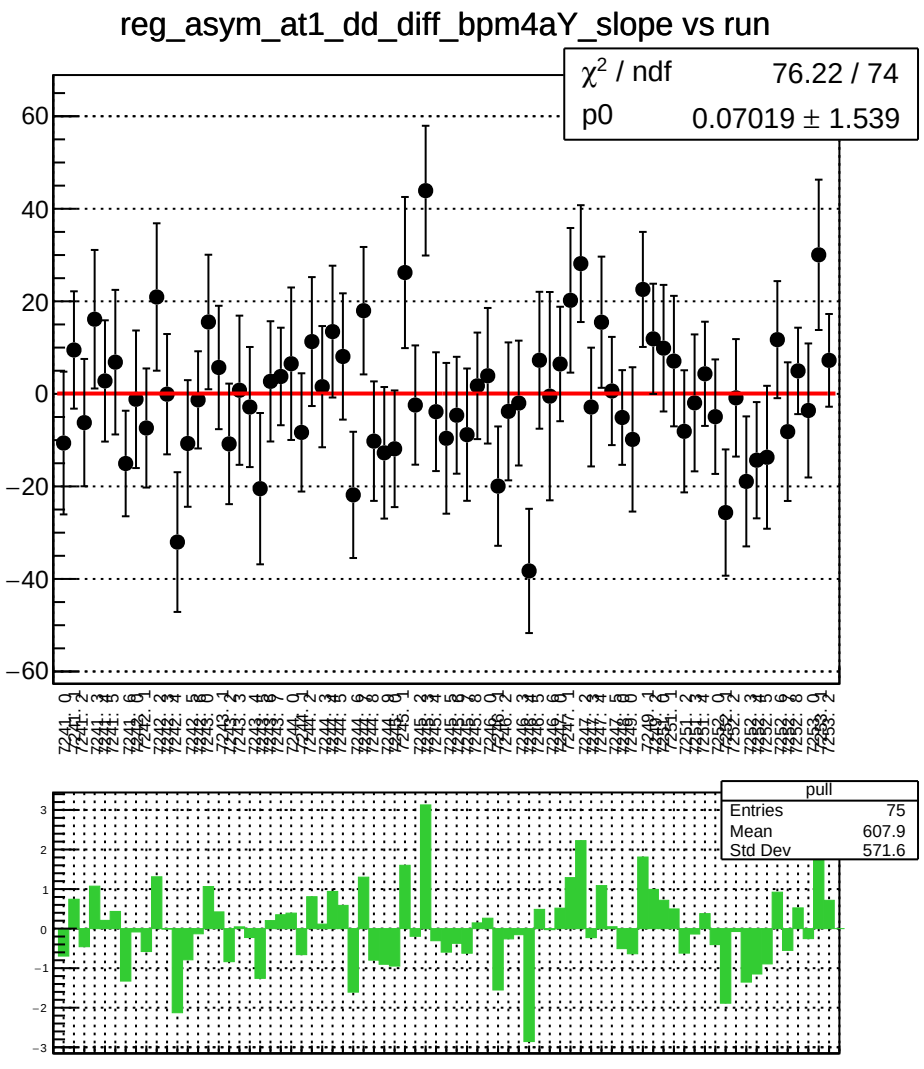

reg_asym_at1_avg_diff_bpm4eY_slope vs run
χ² / ndf 70.27 / 74
p0 −22.5 ± 1.683
pull
Entries 75
Mean 130.1
Std Dev 89.75

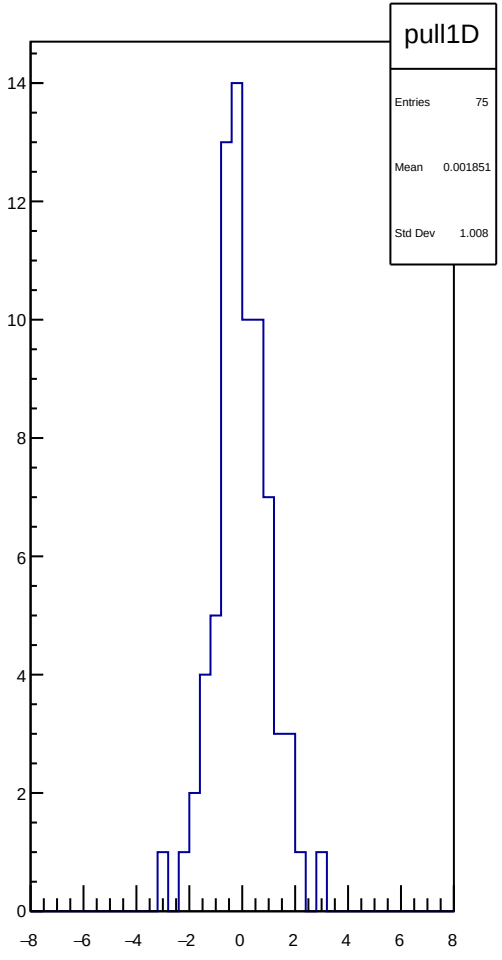

pull1D
Entries 75
Mean 0.01644
Std Dev 0.9678

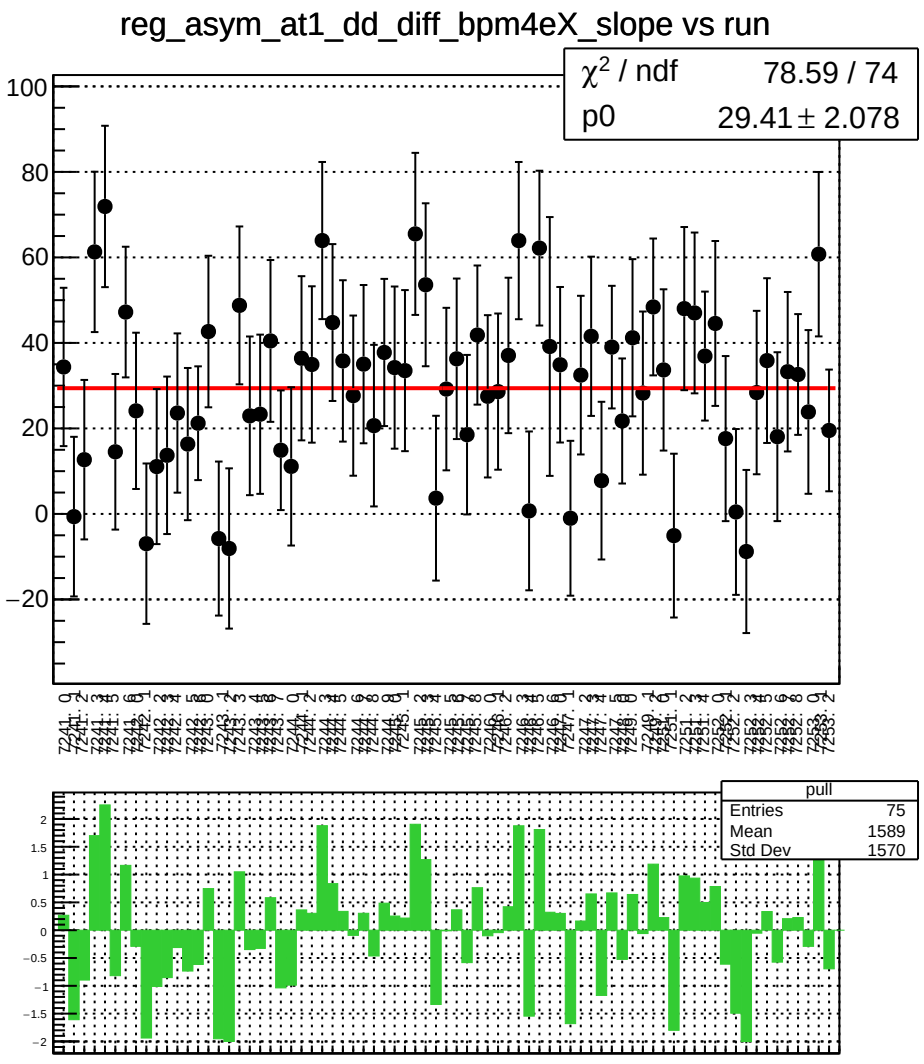

reg_asym_at1_avg_diff_bpm12X_slope vs run
χ² / ndf 117.5 / 74
p0 −16.47 ± 0.07644
pull
Entries 75
Mean 103.9
Std Dev 47.55
pull1D
Entries 75
Mean −0.01669
Std Dev 1.252

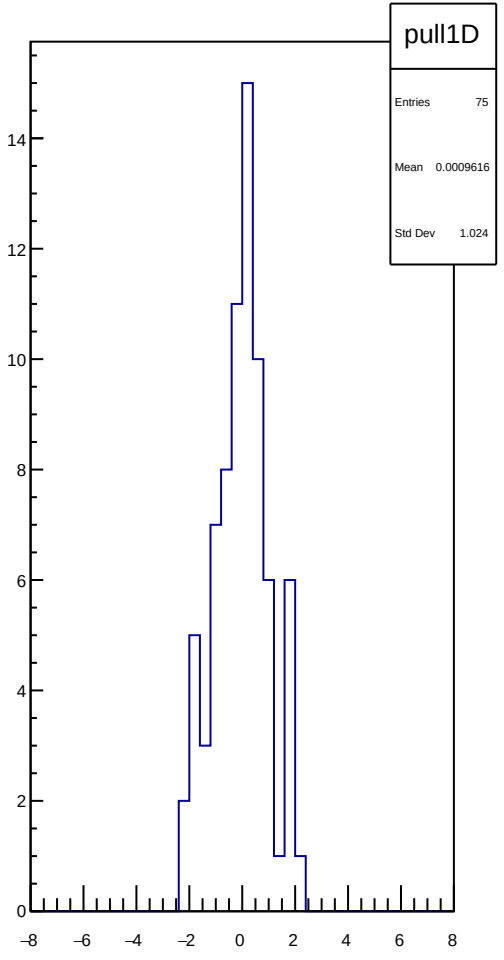

reg_asym_at1_dd_diff_bpm1X_slope vs run
χ² / ndf 76.07 / 74
p0 17.27 ± 1.995
pull
Entries 75
Mean −1.062e+04
Std Dev 1.063e+04

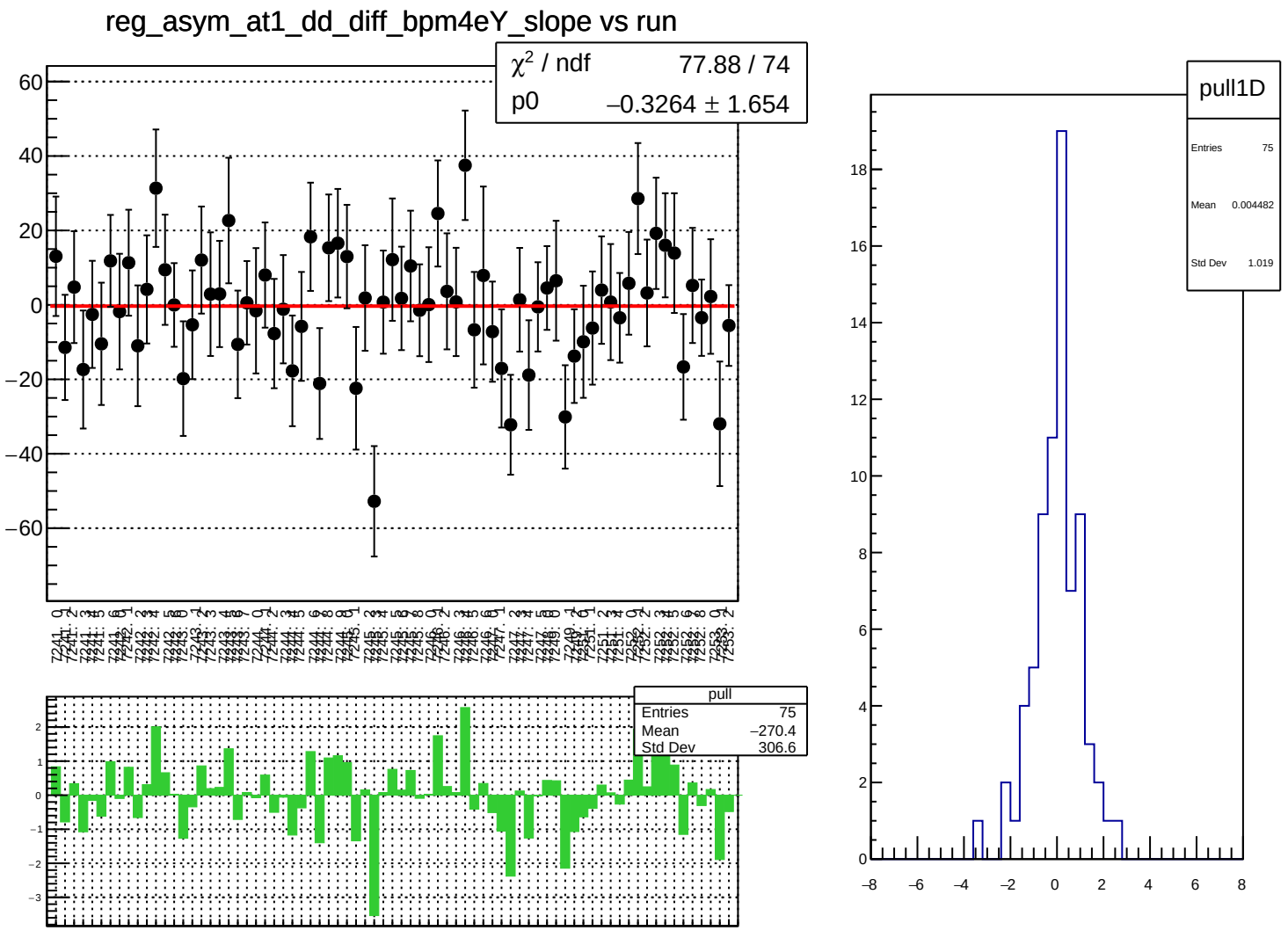

pull1D
Entries 75
Mean 0.0001081
Std Dev 1.007

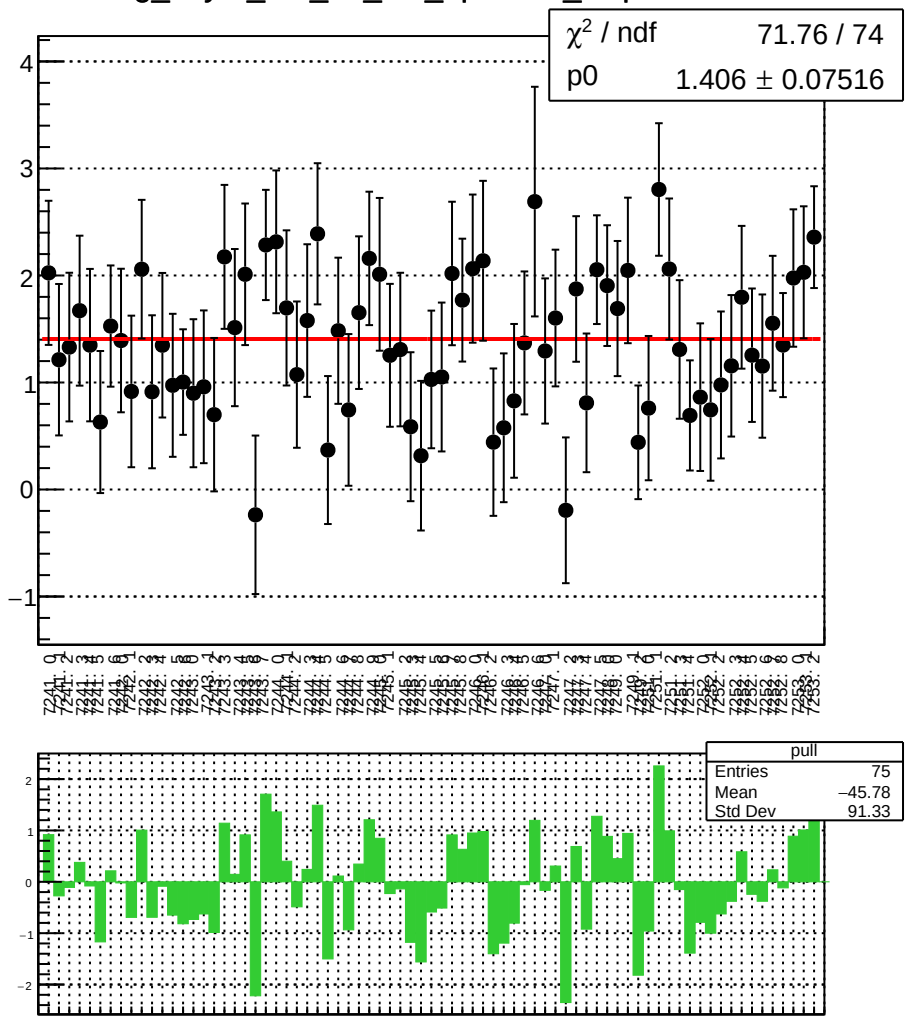

reg_asym_at1_dd_diff_bpm4aY_slope vs run
χ² / ndf 76.22 / 74
p0 0.07019 ± 1.539
pull
Entries 75
Mean 607.9
Std Dev 571.6

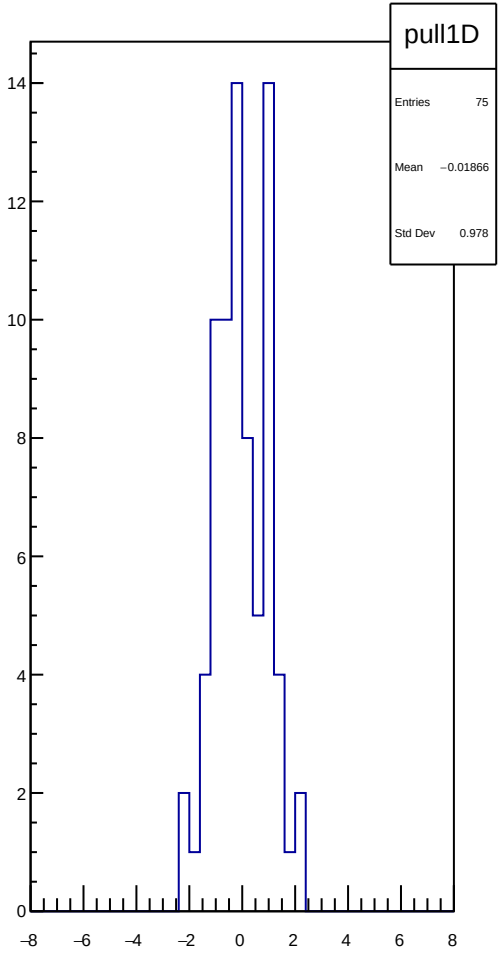

pull1D
Entries 75
Mean 0.001851
Std Dev 1.008

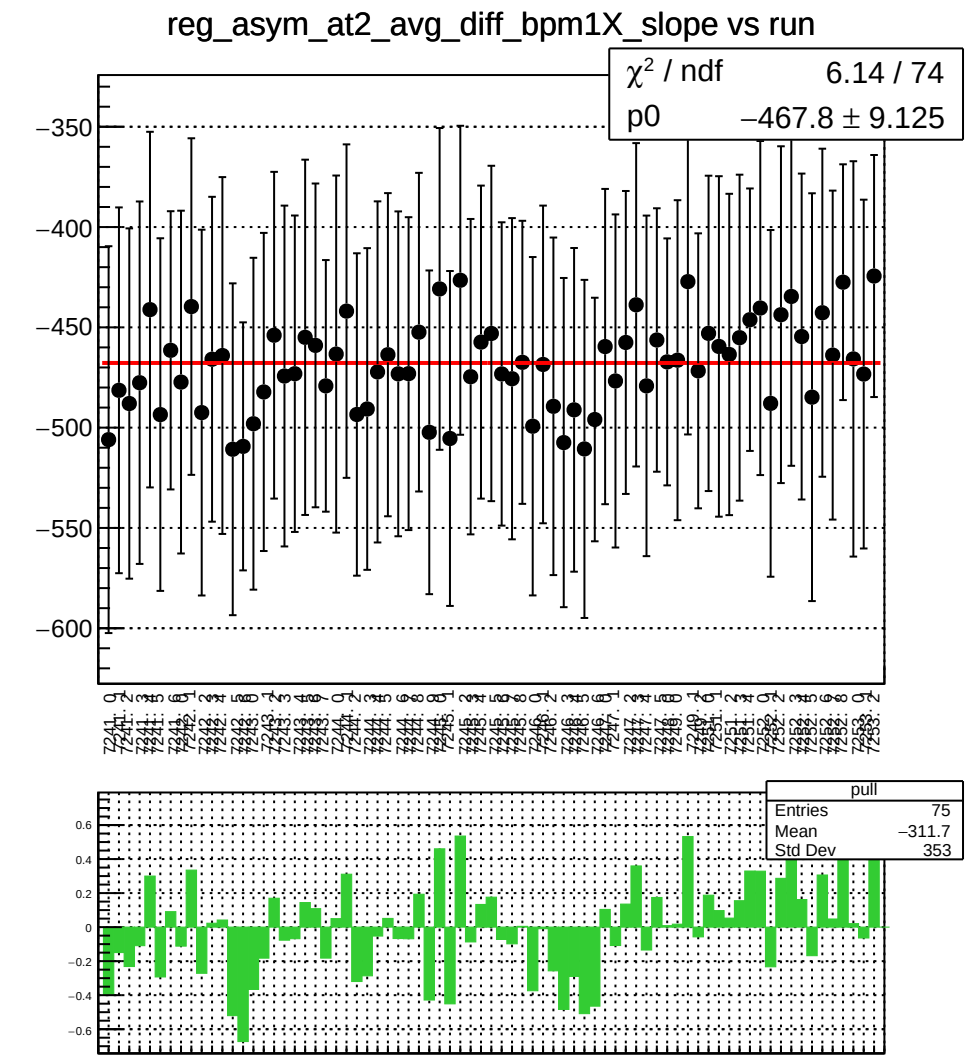

reg_asym_at1_dd_diff_bpm4eX_slope vs run
χ² / ndf 78.59 / 74
p0 29.41 ± 2.078
pull
Entries 75
Mean 1589
Std Dev 1570

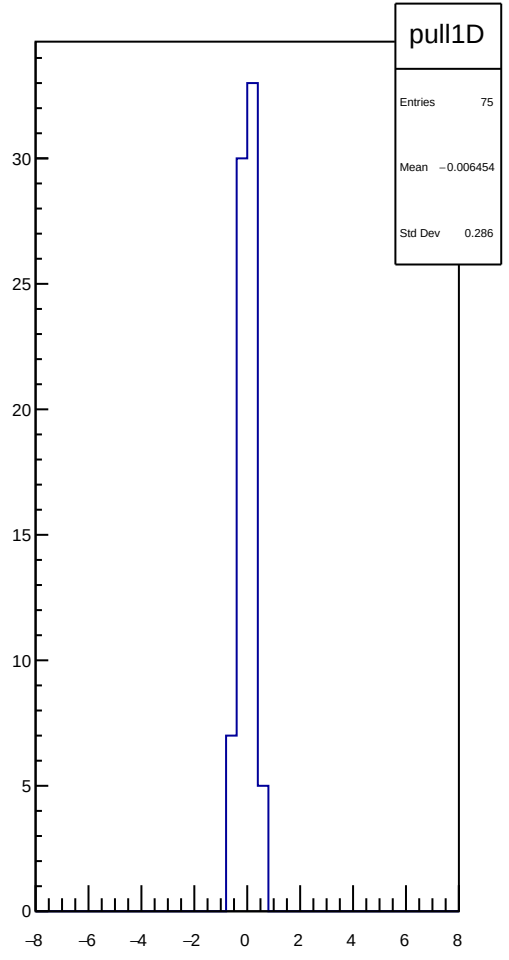

pull1D
Entries 75
Mean 0.0009616
Std Dev 1.024

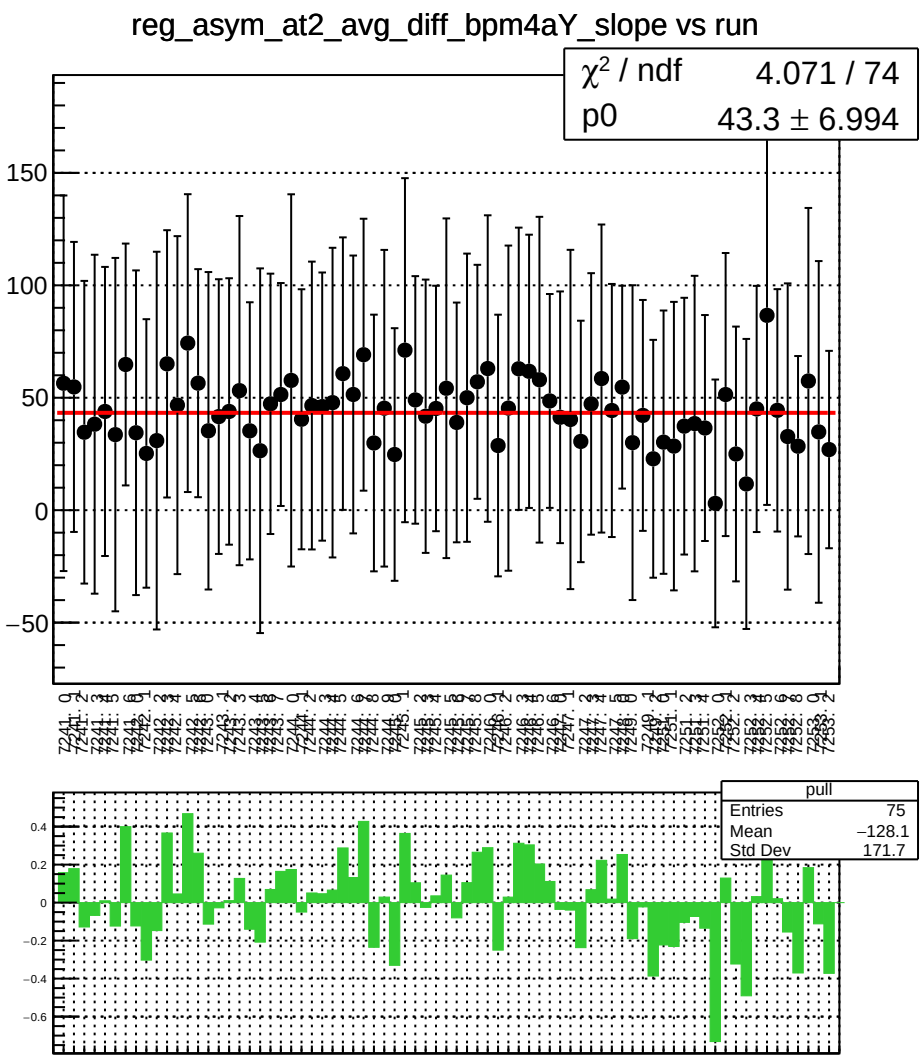

reg_asym_at1_dd_diff_bpm4eY_slope vs run
χ² / ndf 77.88 / 74
p0 −0.3264 ± 1.654
pull
Entries 75
Mean −270.4
Std Dev 306.6
pull1D
Entries 75
Mean 0.004482
Std Dev 1.019

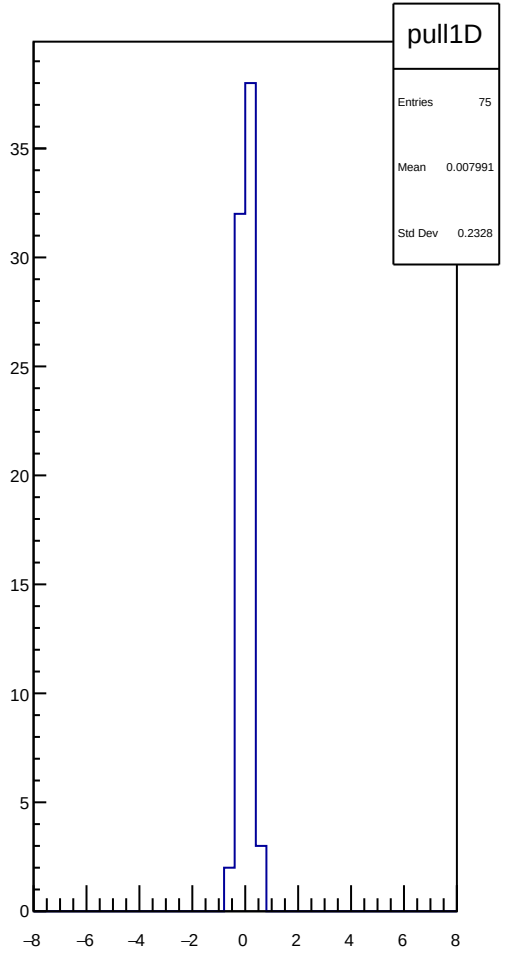

reg_asym_at1_dd_diff_bpm12X_slope vs run
χ² / ndf 71.76 / 74
p0 1.406 ± 0.07516
pull
Entries 75
Mean −45.78
Std Dev 91.33

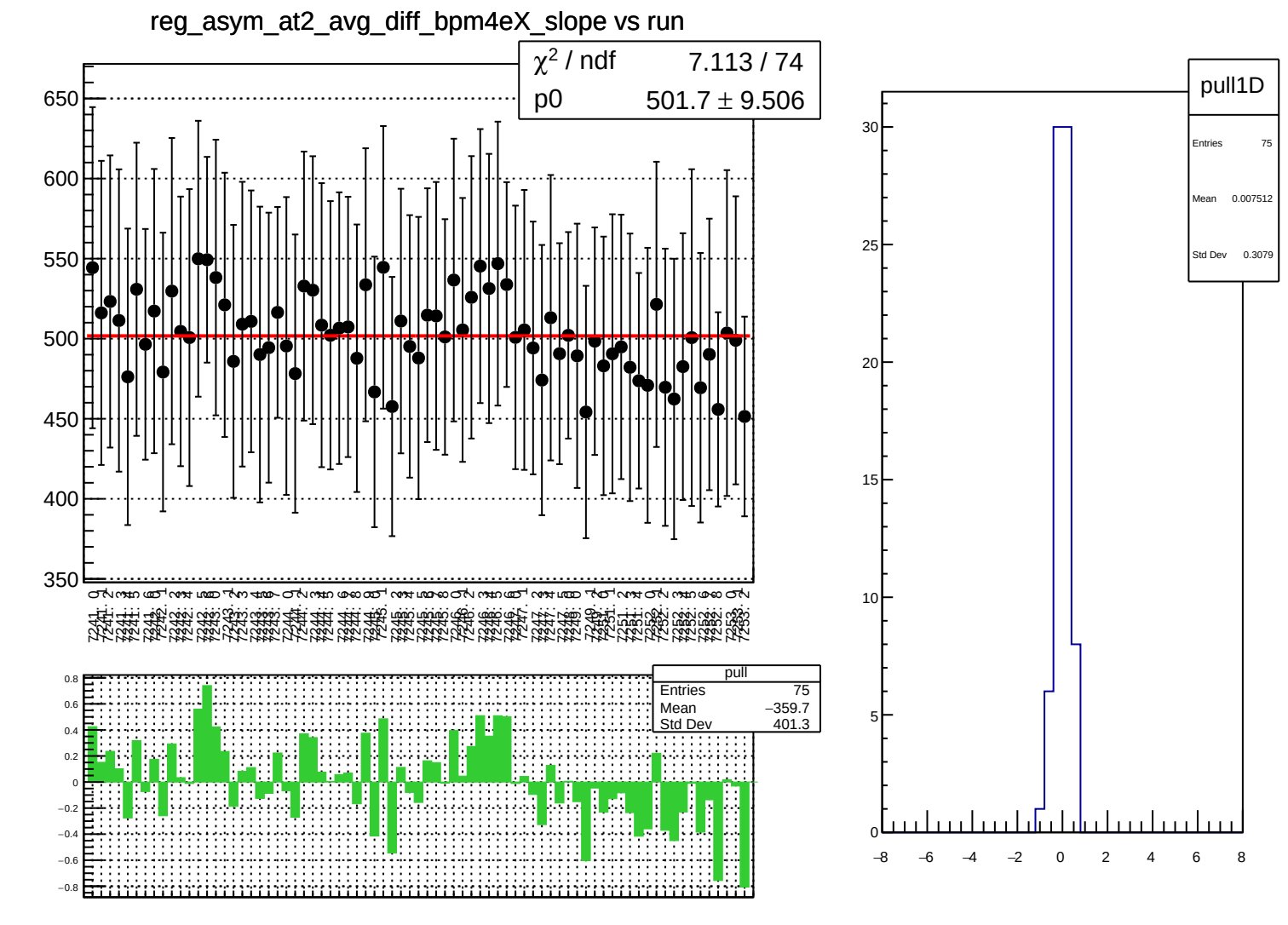

pull1D
Entries 75
Mean −0.01866
Std Dev 0.978

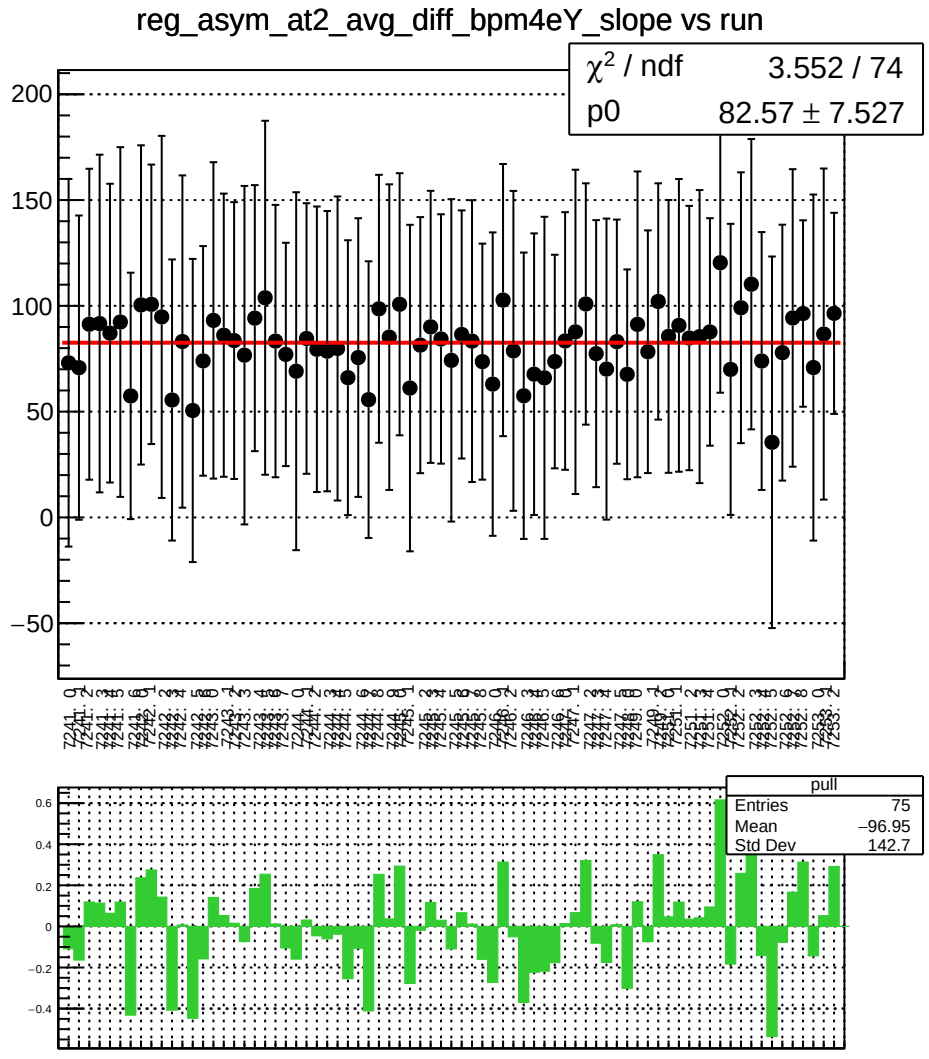

reg_asym_at2_avg_diff_bpm1X_slope vs run
χ² / ndf 6.14 / 74
p0 −467.8 ± 9.125
−350
−400
−450
−500
−550
−600
pull
Entries 75
Mean −311.7
Std Dev 353
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

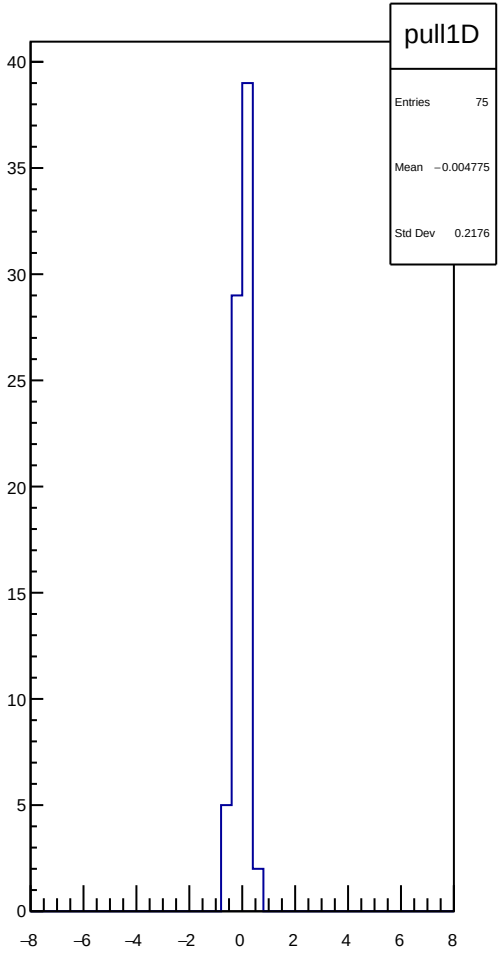

pull1D
Entries 75
Mean −0.006454
Std Dev 0.286
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

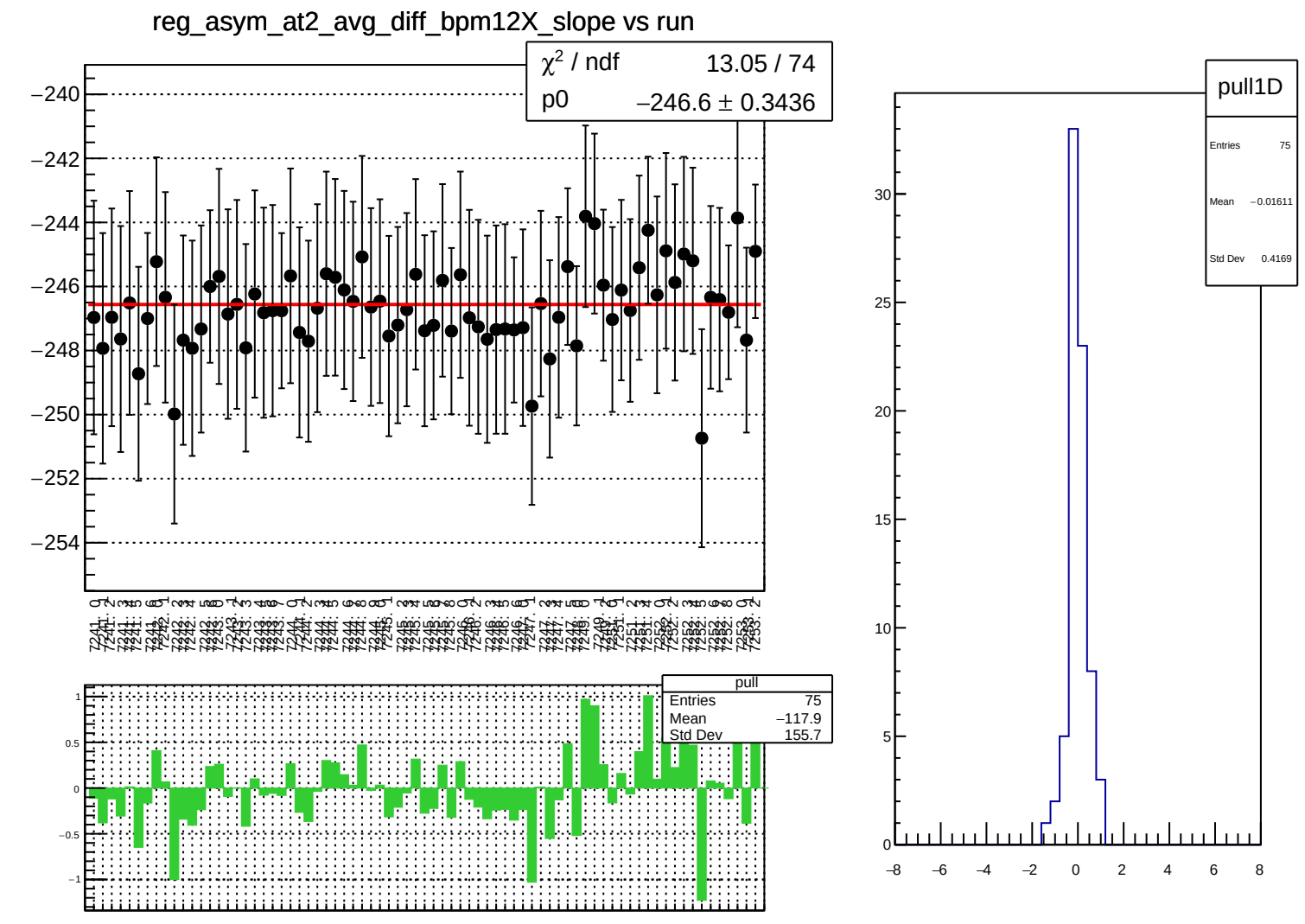

reg_asym_at2_avg_diff_bpm4aY_slope vs run
χ² / ndf 4.071 / 74
p0 43.3 ± 6.994
150
100
50
0
−50
pull
Entries 75
Mean −128.1
Std Dev 171.7
0.4
0.2
0
−0.2
−0.4
−0.6

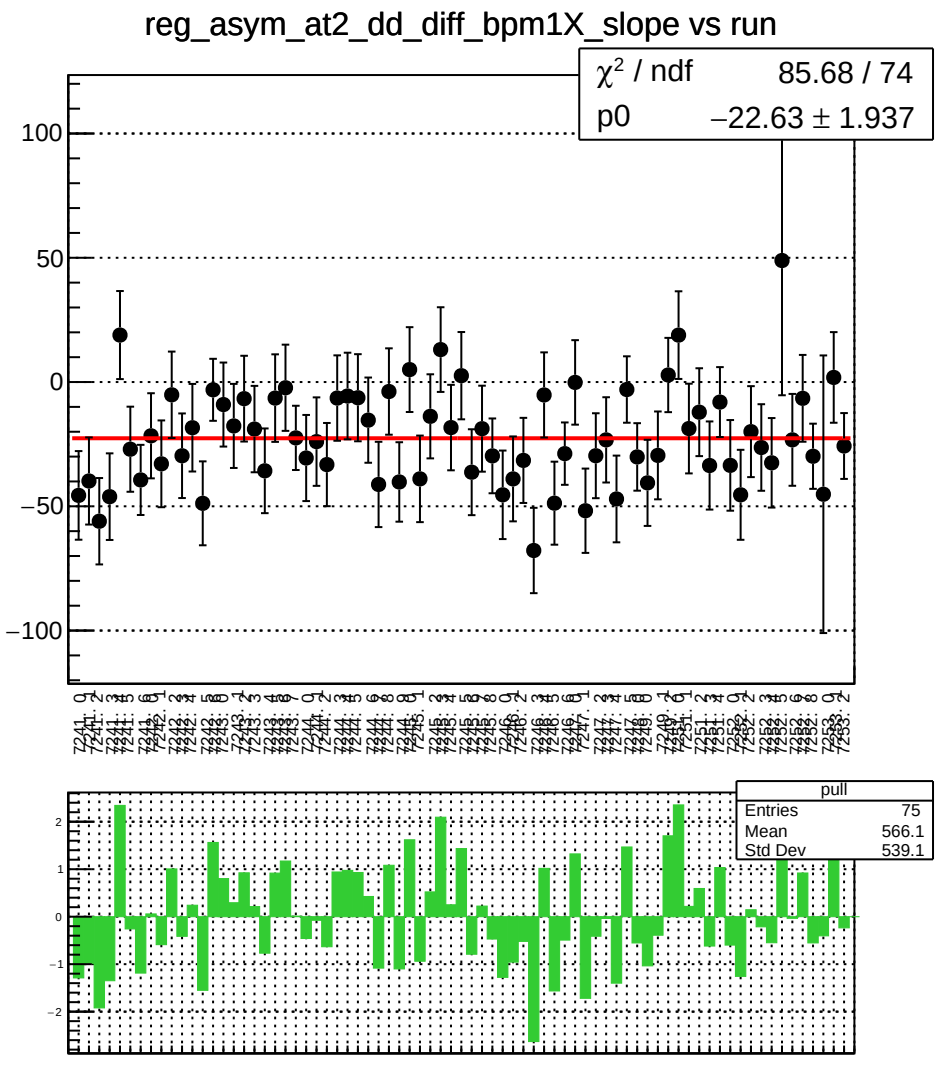

pull1D
Entries 75
Mean 0.007991
Std Dev 0.2328
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

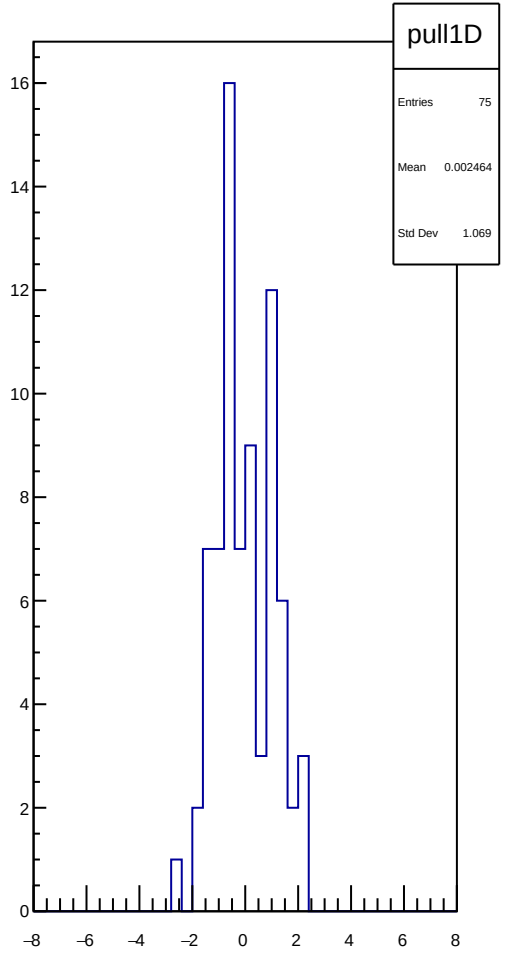

reg_asym_at2_avg_diff_bpm4eX_slope vs run
χ² / ndf 7.113 / 74
p0 501.7 ± 9.506
650
600
550
500
450
400
350
pull
Entries 75
Mean −359.7
Std Dev 401.3
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 75
Mean 0.007512
Std Dev 0.3079
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

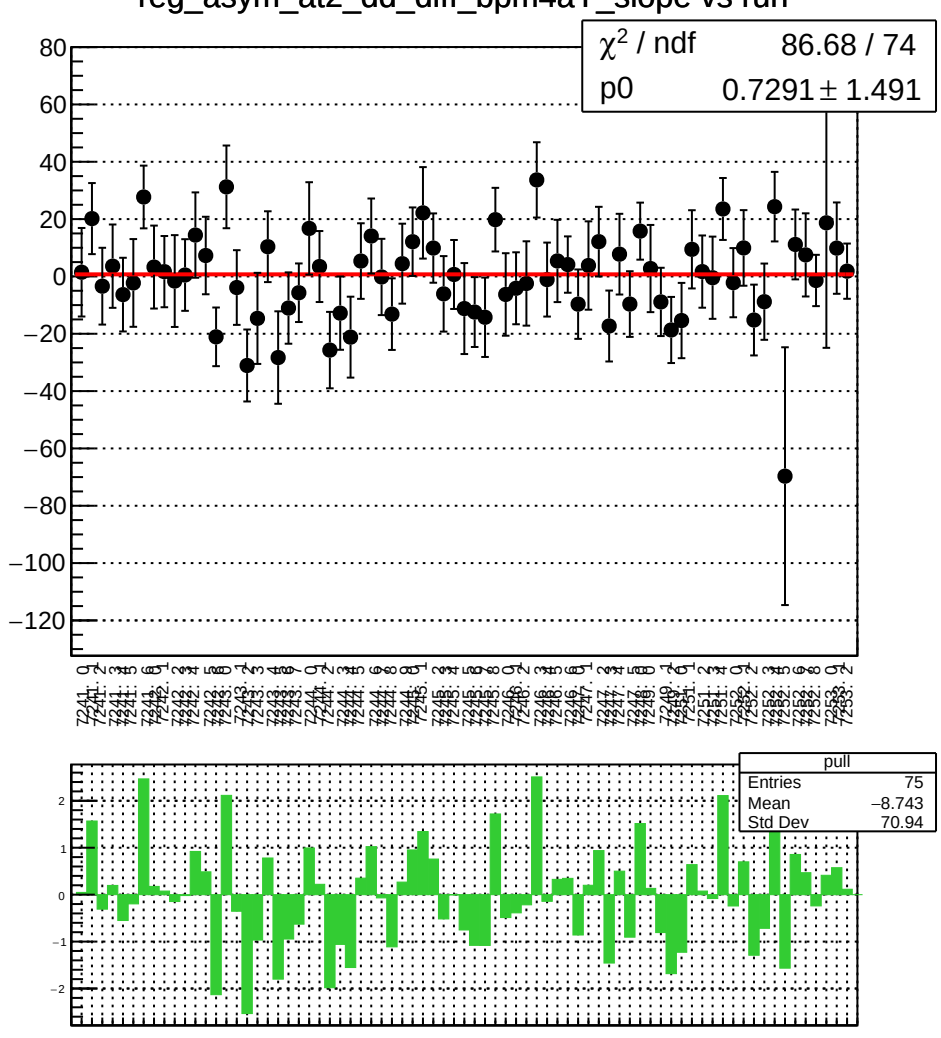

reg_asym_at2_avg_diff_bpm4eY_slope vs run
χ² / ndf 3.552 / 74
p0 82.57 ± 7.527
pull
Entries 75
Mean −96.95
Std Dev 142.7

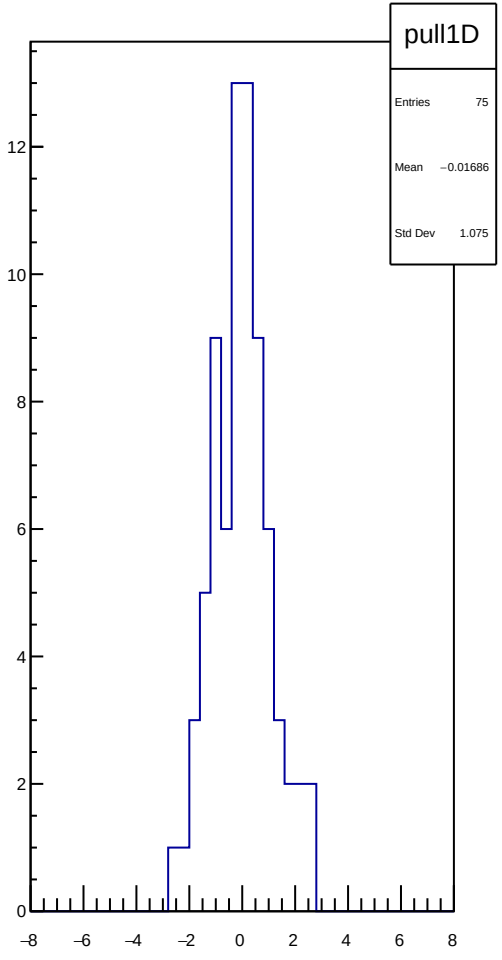

pull1D
Entries 75
Mean −0.004775
Std Dev 0.2176

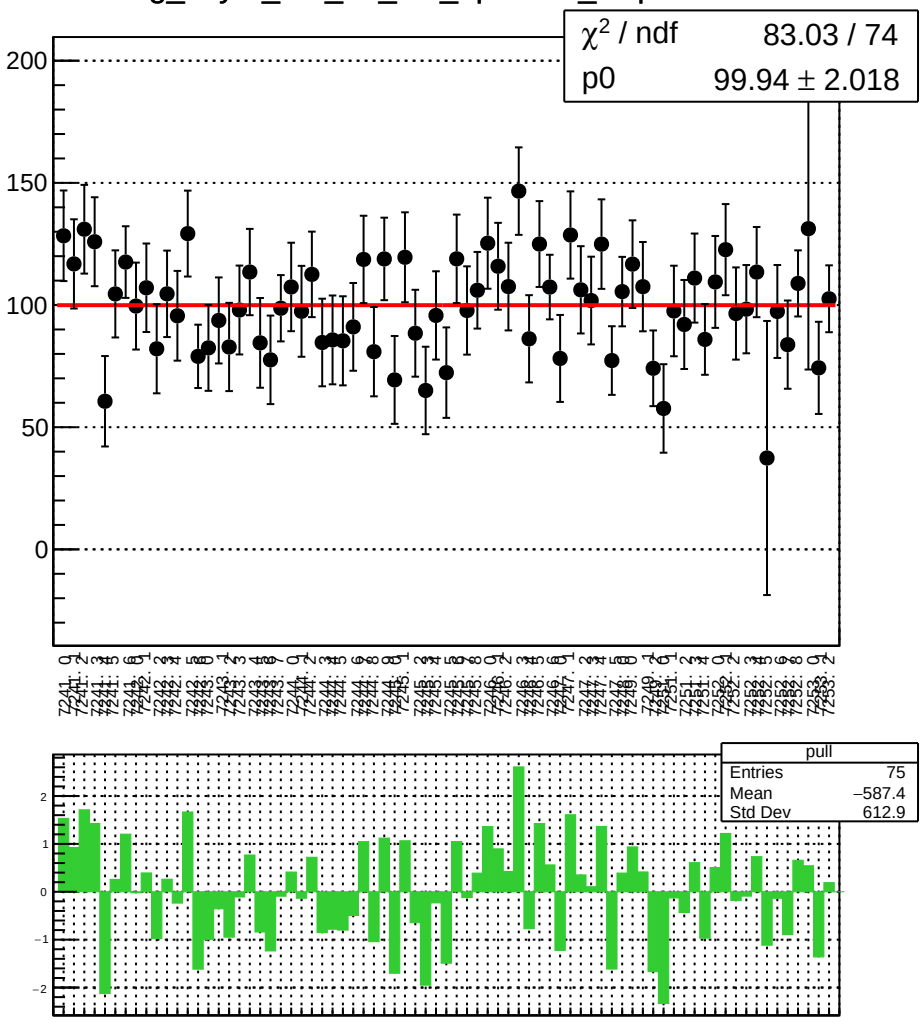

reg_asym_at2_avg_diff_bpm12X_slope vs run
χ² / ndf 13.05 / 74
p0 −246.6 ± 0.3436
pull
Entries 75
Mean −117.9
Std Dev 155.7
pull1D
Entries 75
Mean −0.01611
Std Dev 0.4169

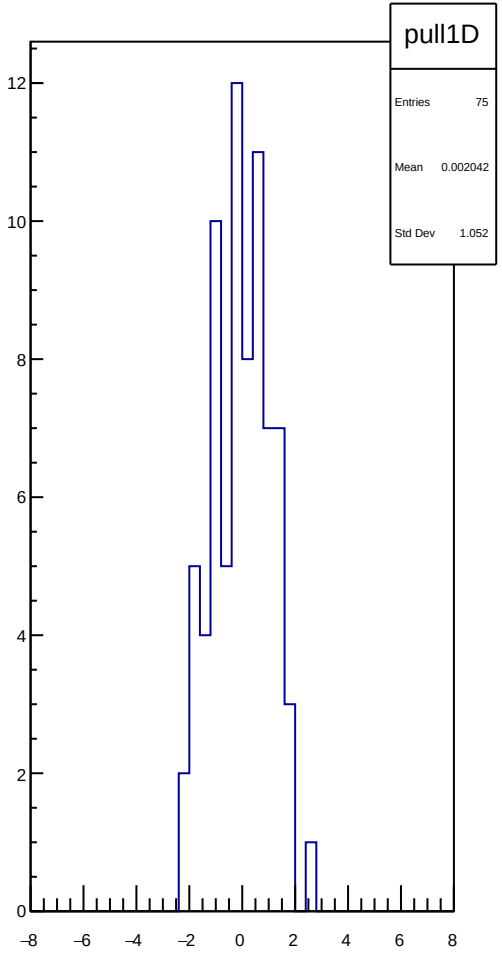

reg_asym_at2_dd_diff_bpm1X_slope vs run
χ² / ndf 85.68 / 74
p0 −22.63 ± 1.937
100
50
0
−50
−100
pull
Entries 75
Mean 566.1
Std Dev 539.1
2
1
0
−1
−2

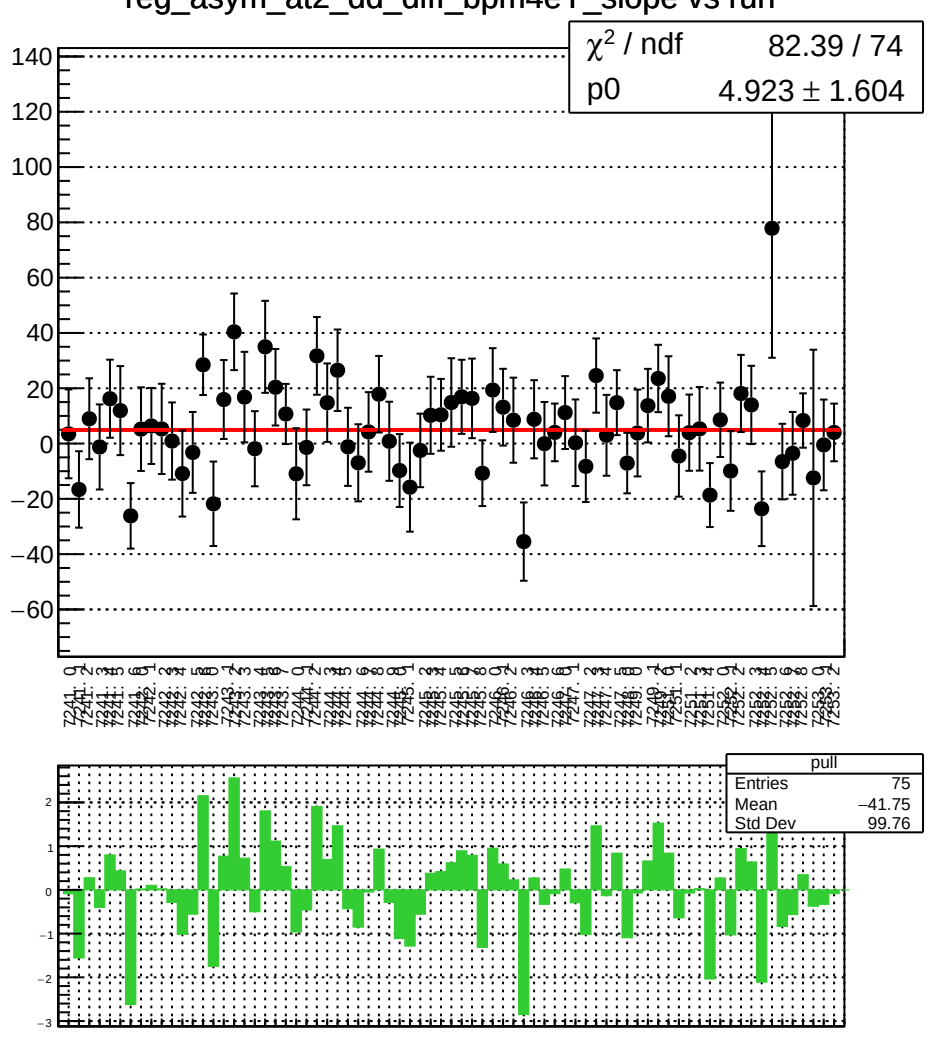

pull1D
Entries 75
Mean 0.002464
Std Dev 1.069
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

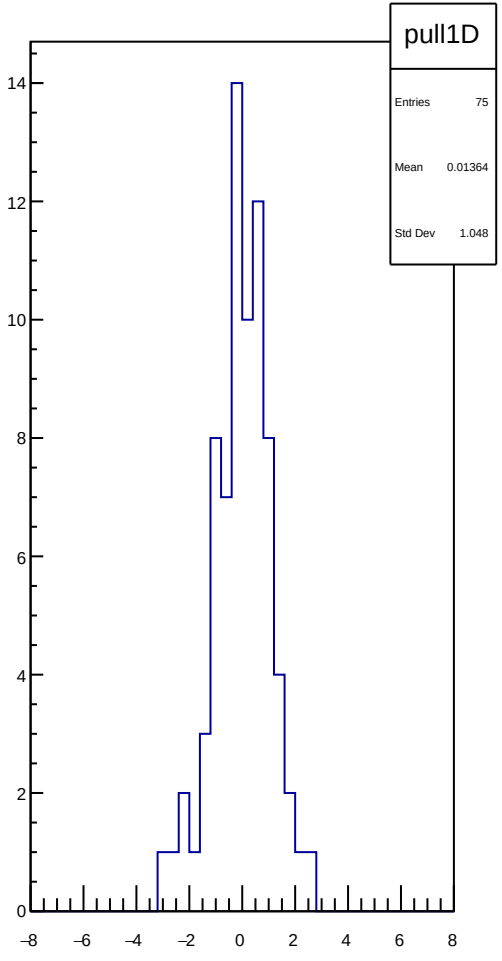

reg_asym_at2_dd_diff_bpm4aY_slope vs run
χ² / ndf 86.68 / 74
p0 0.7291 ± 1.491
pull
Entries 75
Mean −8.743
Std Dev 70.94

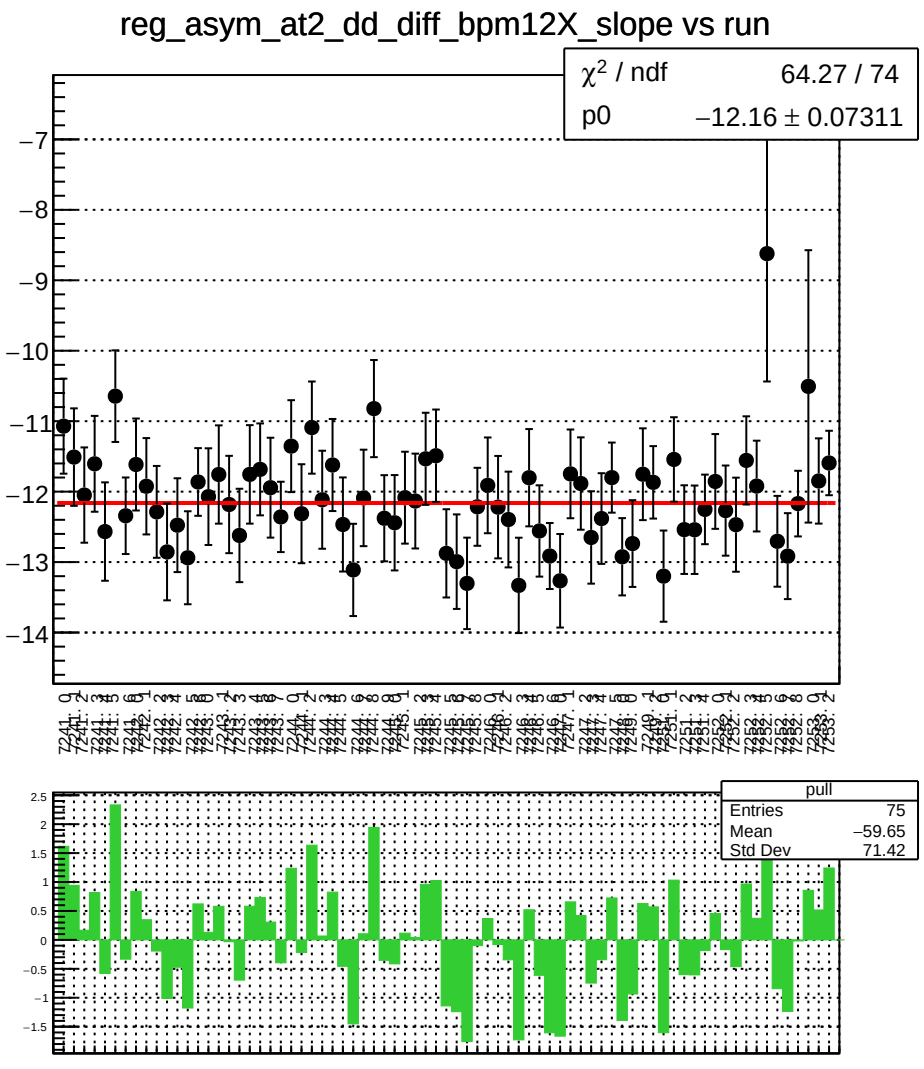

pull1D
Entries 75
Mean −0.01686
Std Dev 1.075

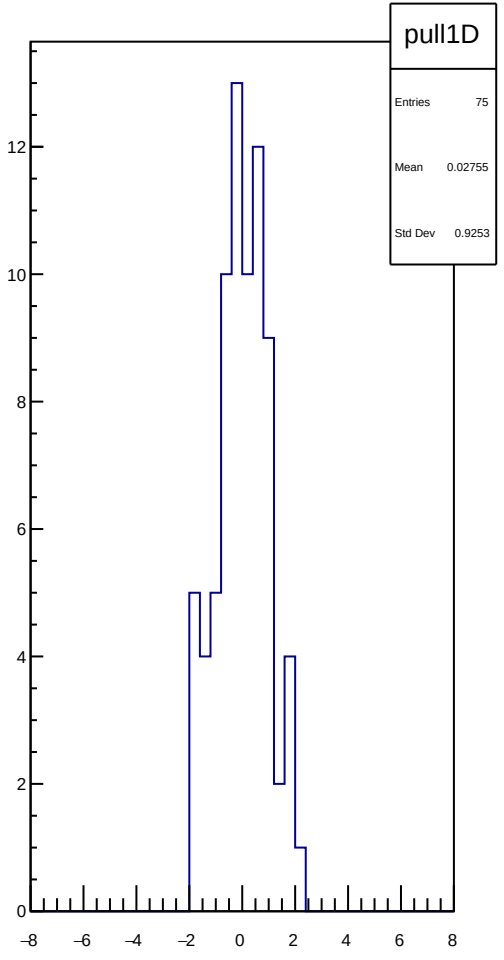

reg_asym_at2_dd_diff_bpm4eX_slope vs run
χ² / ndf 83.03 / 74
p0 99.94 ± 2.018
200
150
100
50
0
pull
Entries 75
Mean −587.4
Std Dev 612.9
2
1
0
−1
−2

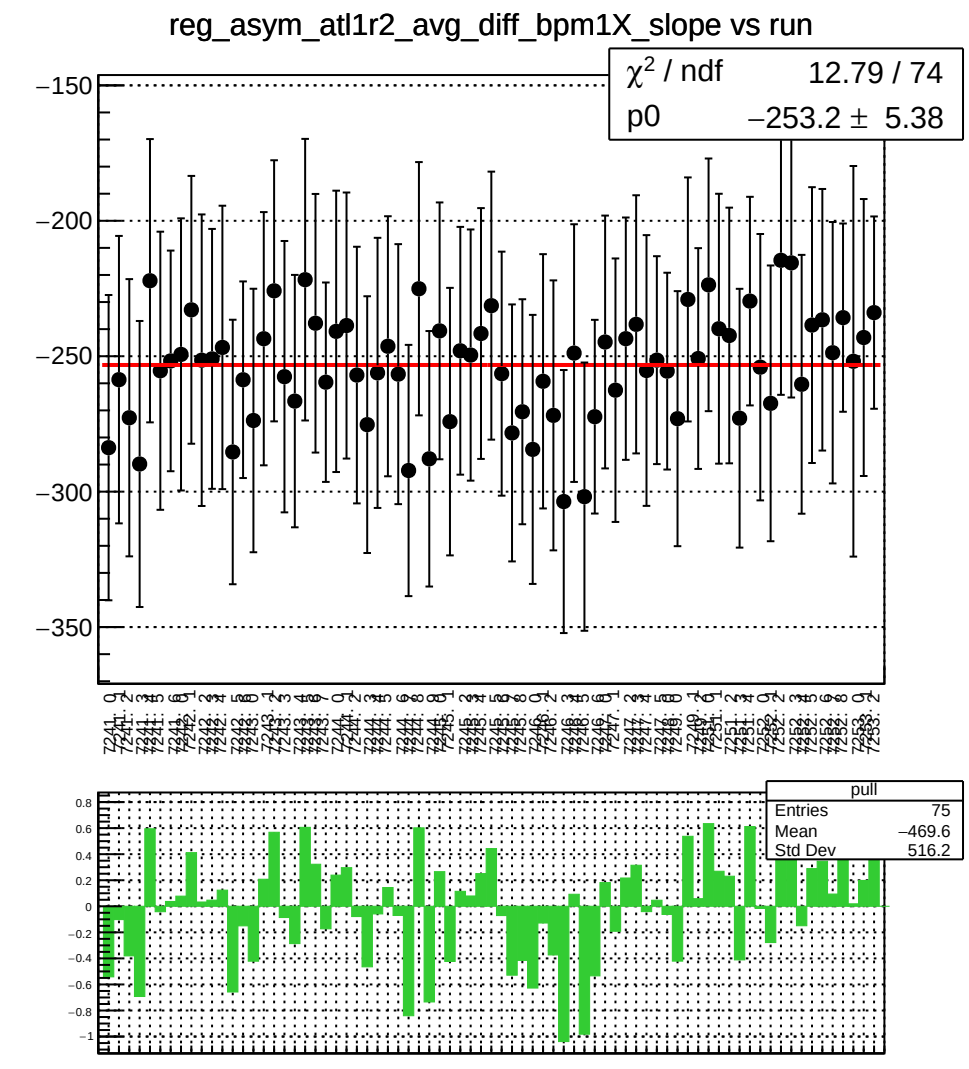

pull1D
Entries 75
Mean 0.002042
Std Dev 1.052
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

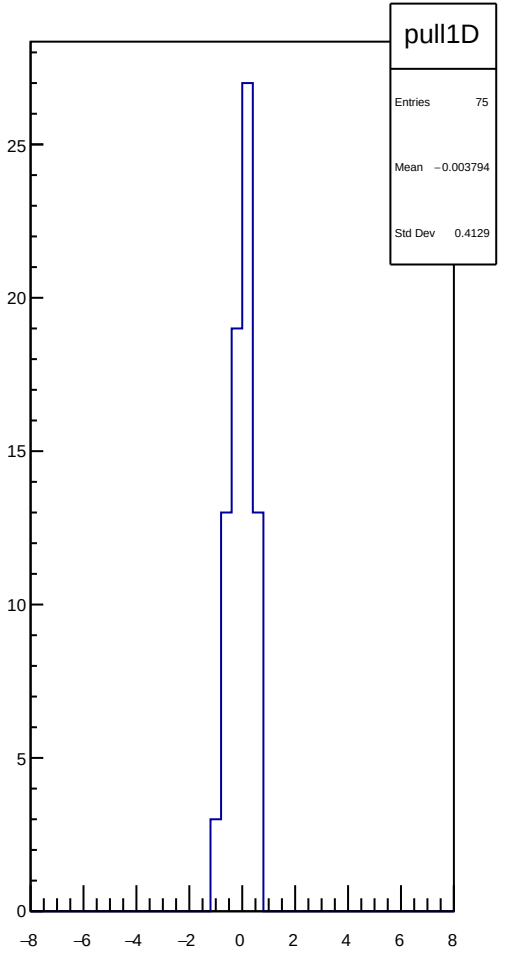

reg_asym_at2_dd_diff_bpm4eY_slope vs run
χ² / ndf 82.39 / 74
p0 4.923 ± 1.604
pull
Entries 75
Mean −41.75
Std Dev 99.76

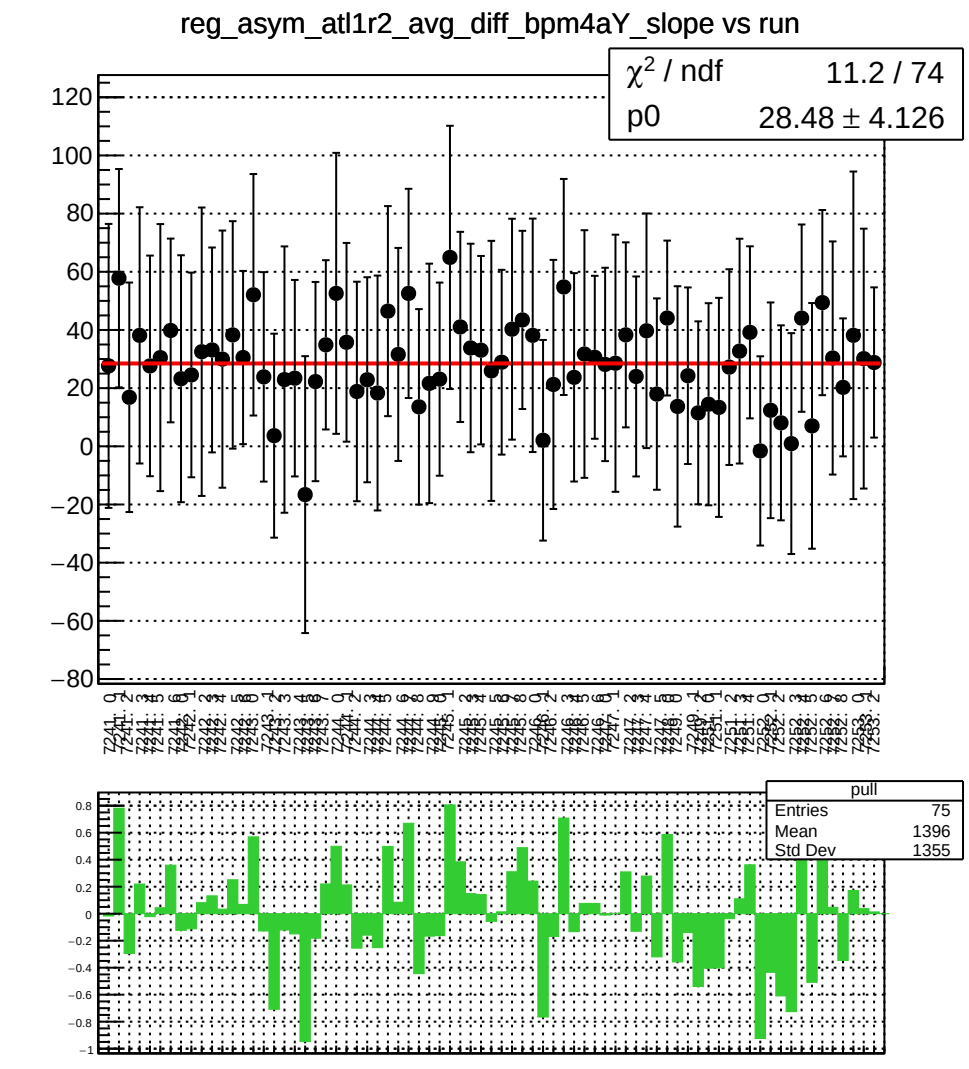

pull1D
Entries 75
Mean 0.01364
Std Dev 1.048

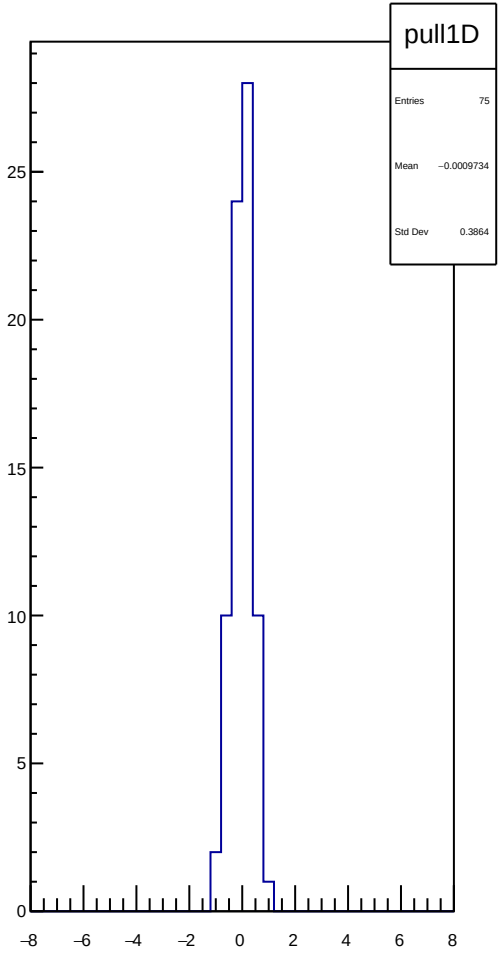

reg_asym_at2_dd_diff_bpm12X_slope vs run
χ² / ndf 64.27 / 74
p0 −12.16 ± 0.07311
pull
Entries 75
Mean −59.65
Std Dev 71.42

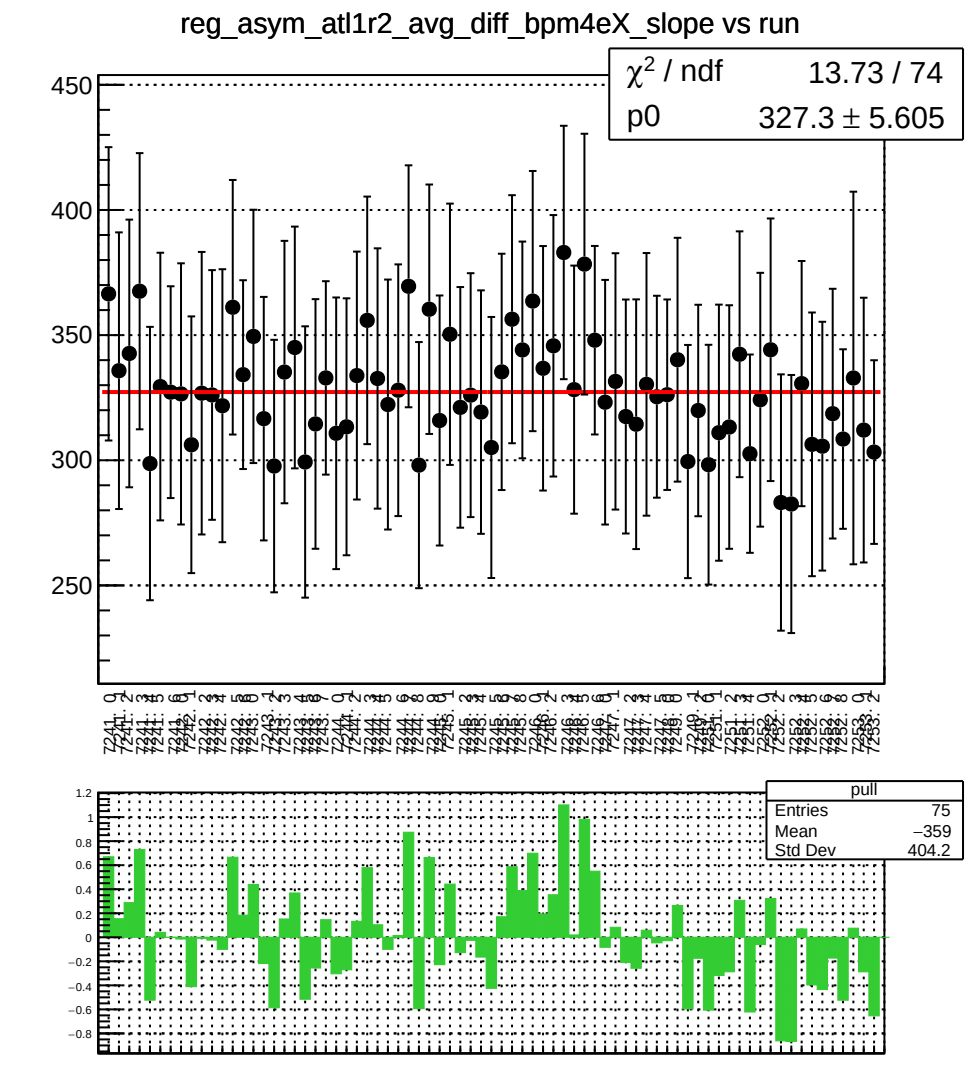

pull1D
Entries 75
Mean 0.02755
Std Dev 0.9253

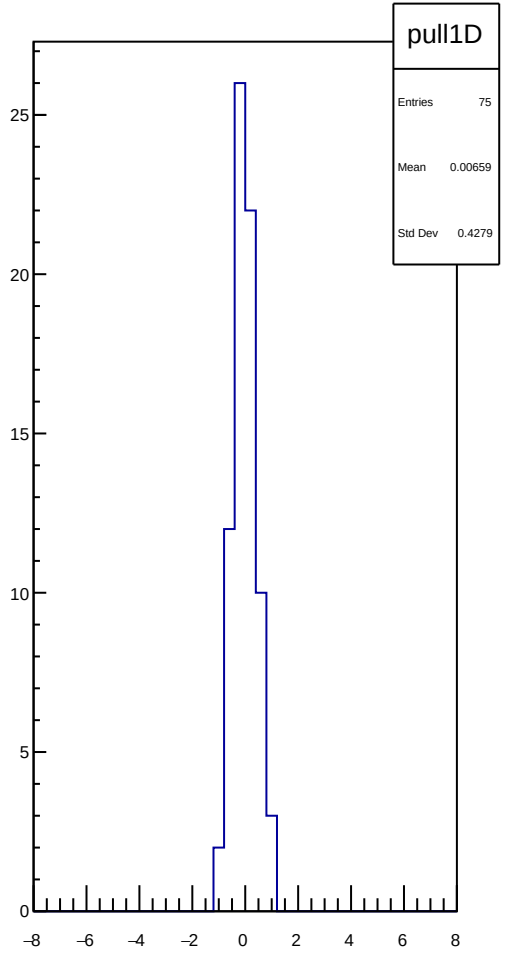

reg_asym_atl1r2_avg_diff_bpm1X_slope vs run
χ² / ndf 12.79 / 74
p0 −253.2 ± 5.38
−150
−200
−250
−300
−350
pull
Entries 75
Mean −469.6
Std Dev 516.2
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1

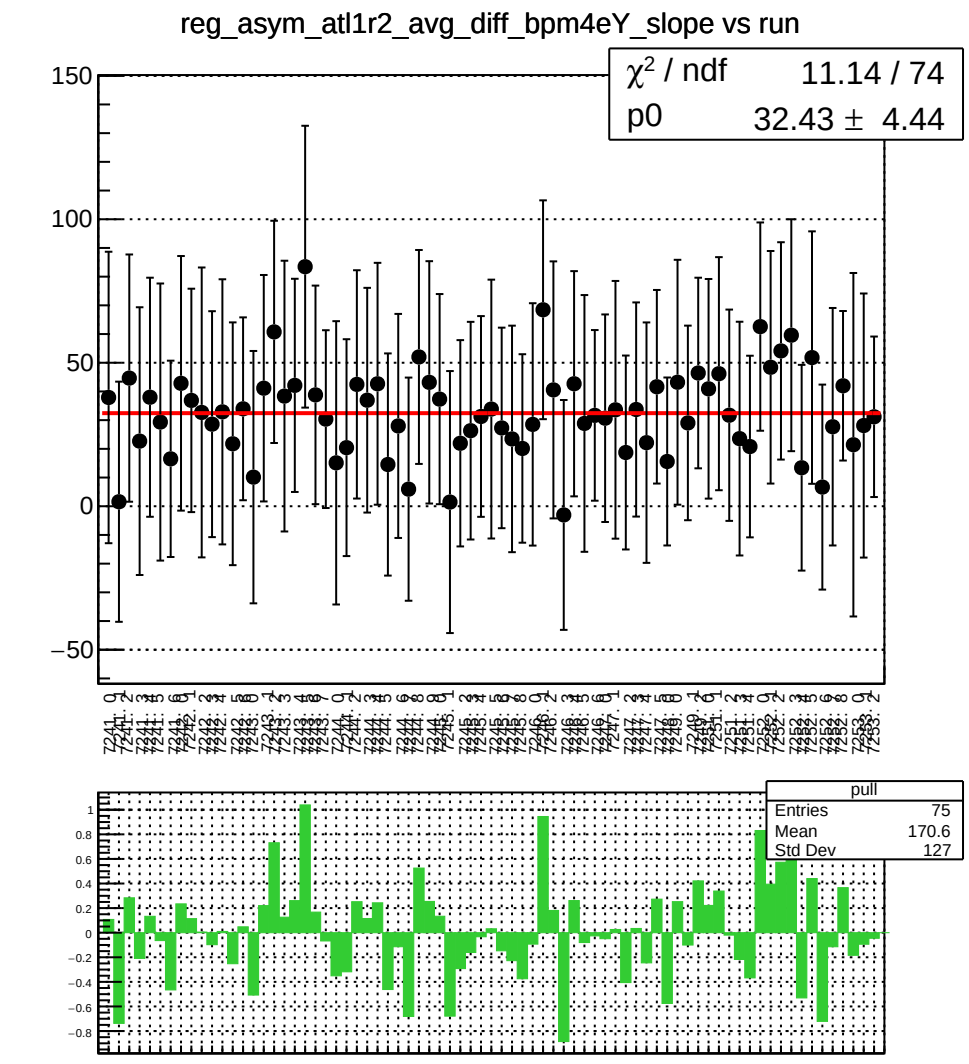

pull1D
Entries 75
Mean −0.003794
Std Dev 0.4129
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

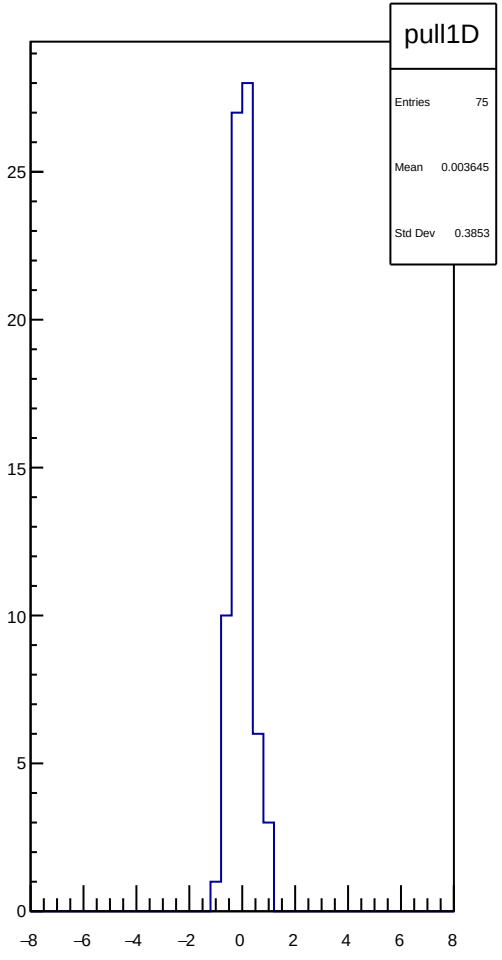

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs run
χ² / ndf 11.2 / 74
p0 28.48 ± 4.126
pull
Entries 75
Mean 1396
Std Dev 1355

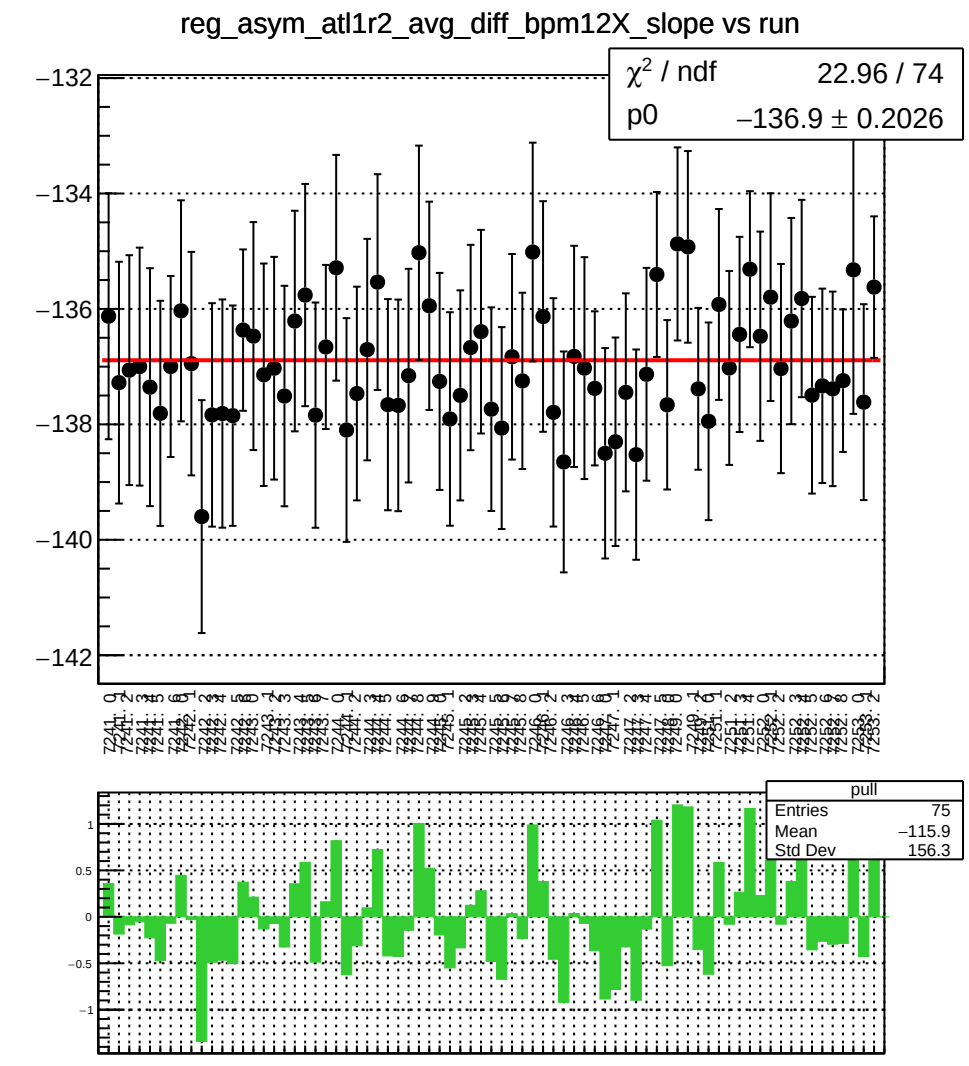

pull1D
Entries 75
Mean −0.0009734
Std Dev 0.3864

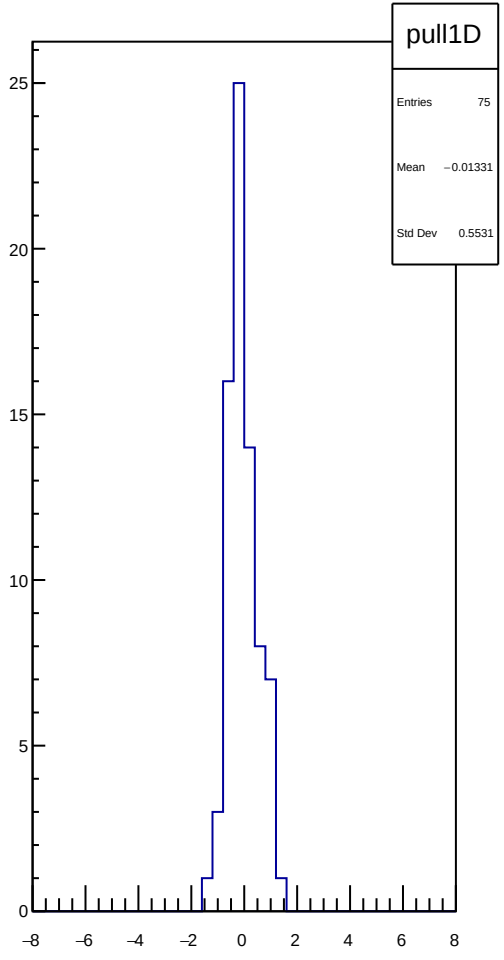

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs run
χ² / ndf 13.73 / 74
p0 327.3 ± 5.605
450
400
350
300
250
pull
Entries 75
Mean −359
Std Dev 404.2
1.2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

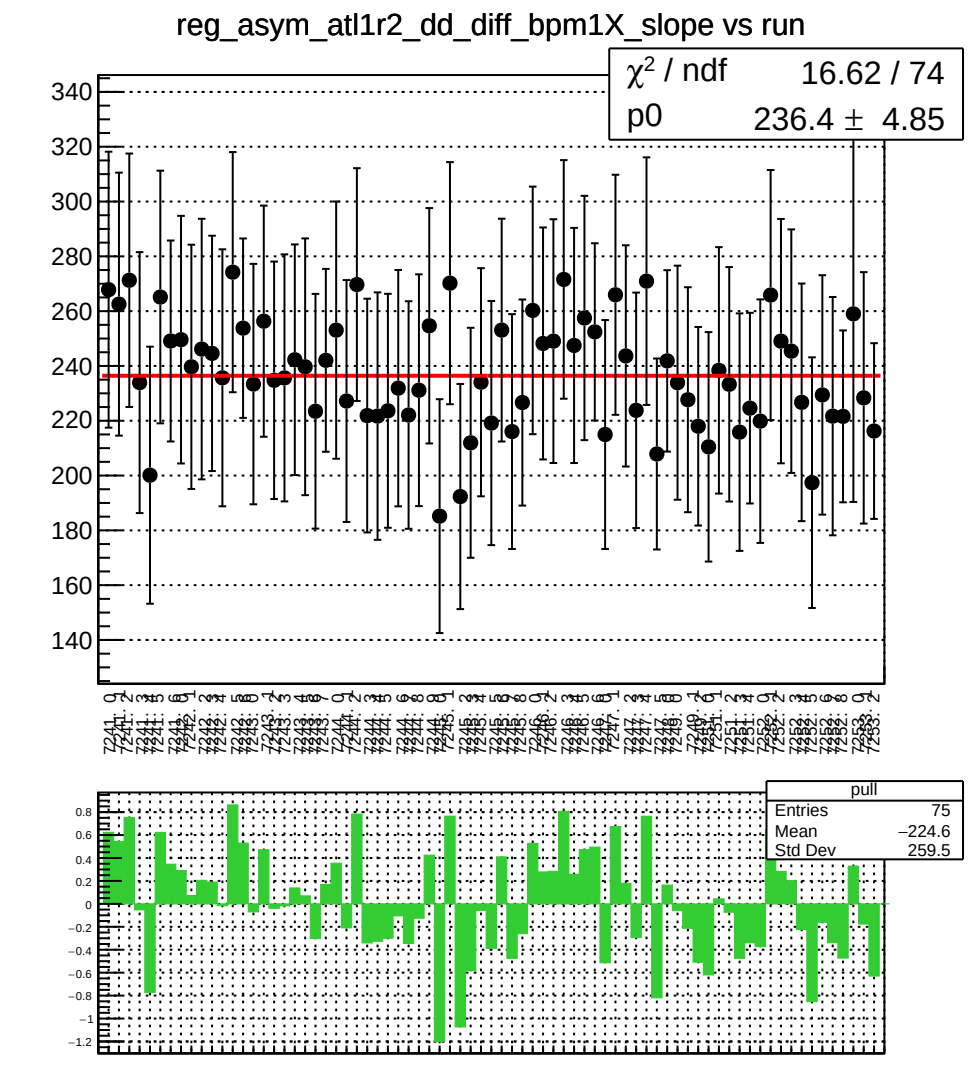

pull1D
Entries 75
Mean 0.00659
Std Dev 0.4279
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

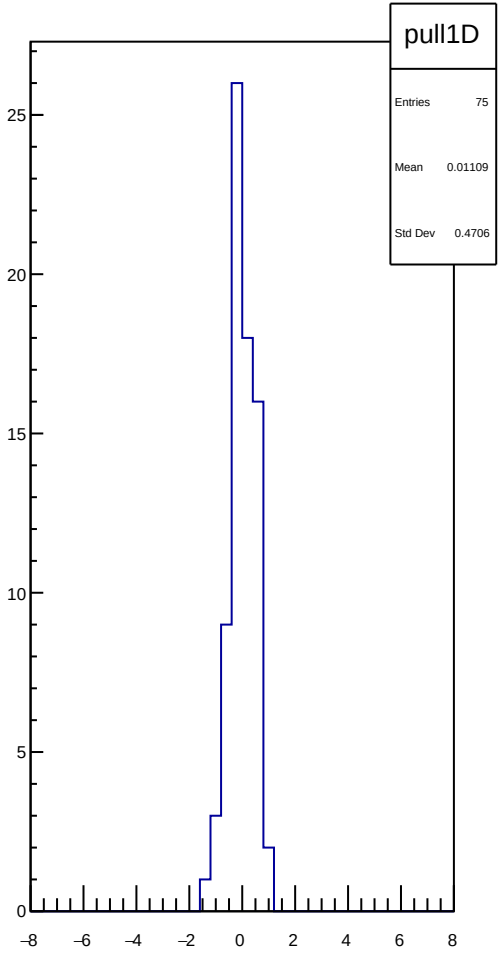

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs run
χ² / ndf 11.14 / 74
p0 32.43 ± 4.44
150
100
50
0
−50
pull
Entries 75
Mean 170.6
Std Dev 127
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

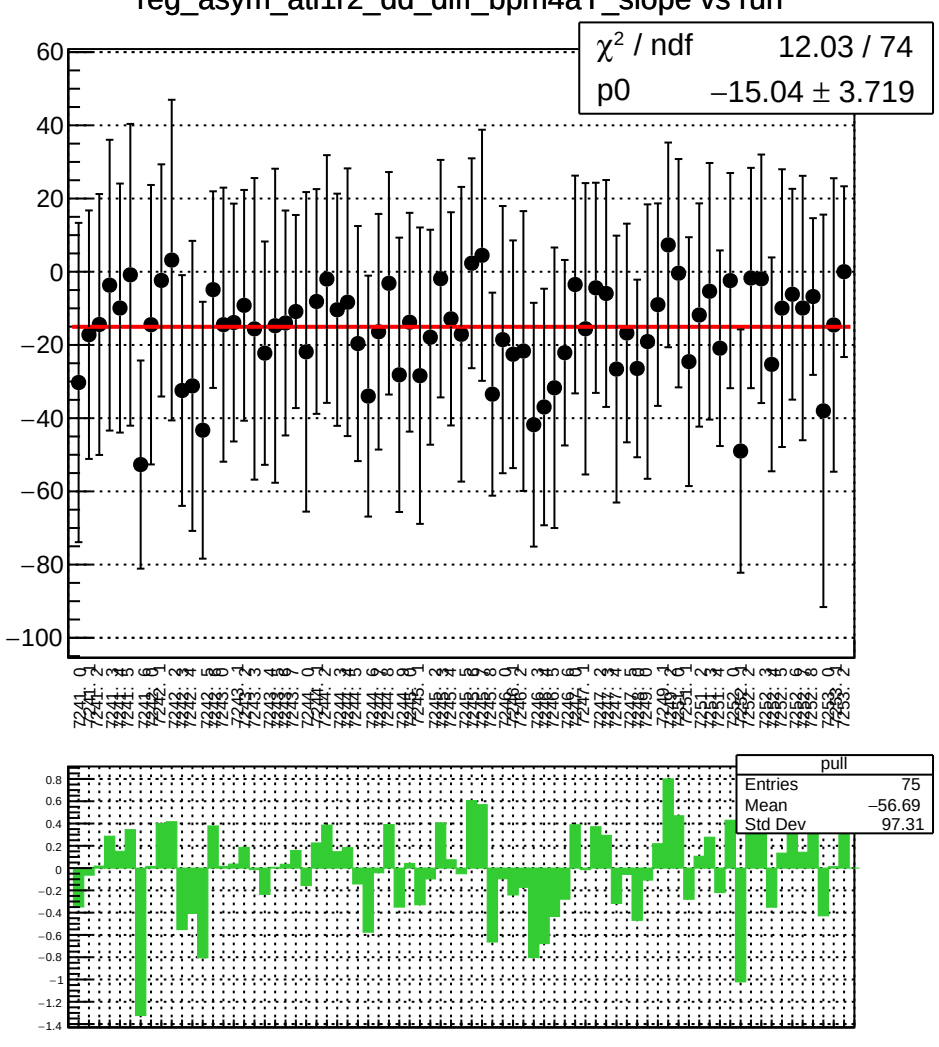

pull1D
Entries 75
Mean 0.003645
Std Dev 0.3853
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

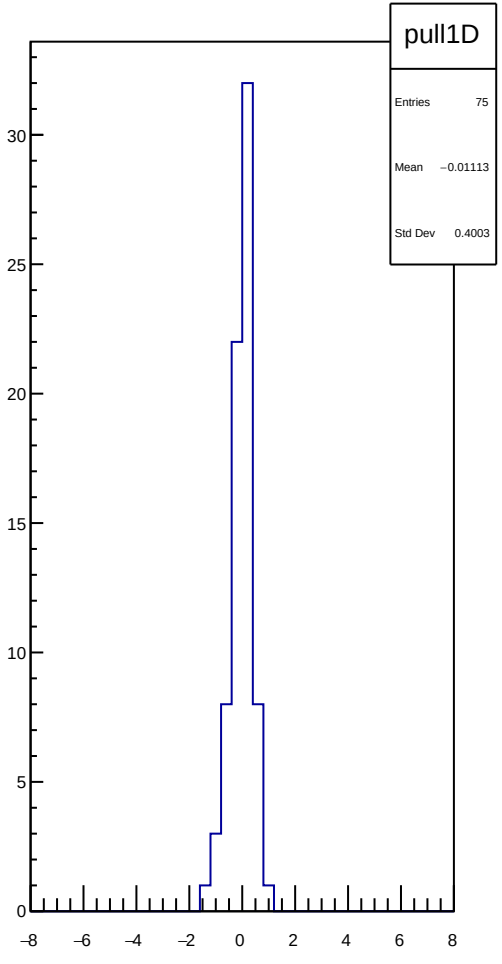

reg_asym_atl1r2_avg_diff_bpm12X_slope vs run
χ² / ndf 22.96 / 74
p0 −136.9 ± 0.2026
−132
−134
−136
−138
−140
−142
pull
Entries 75
Mean −115.9
Std Dev 156.3
1
0.5
0
−0.5
−1

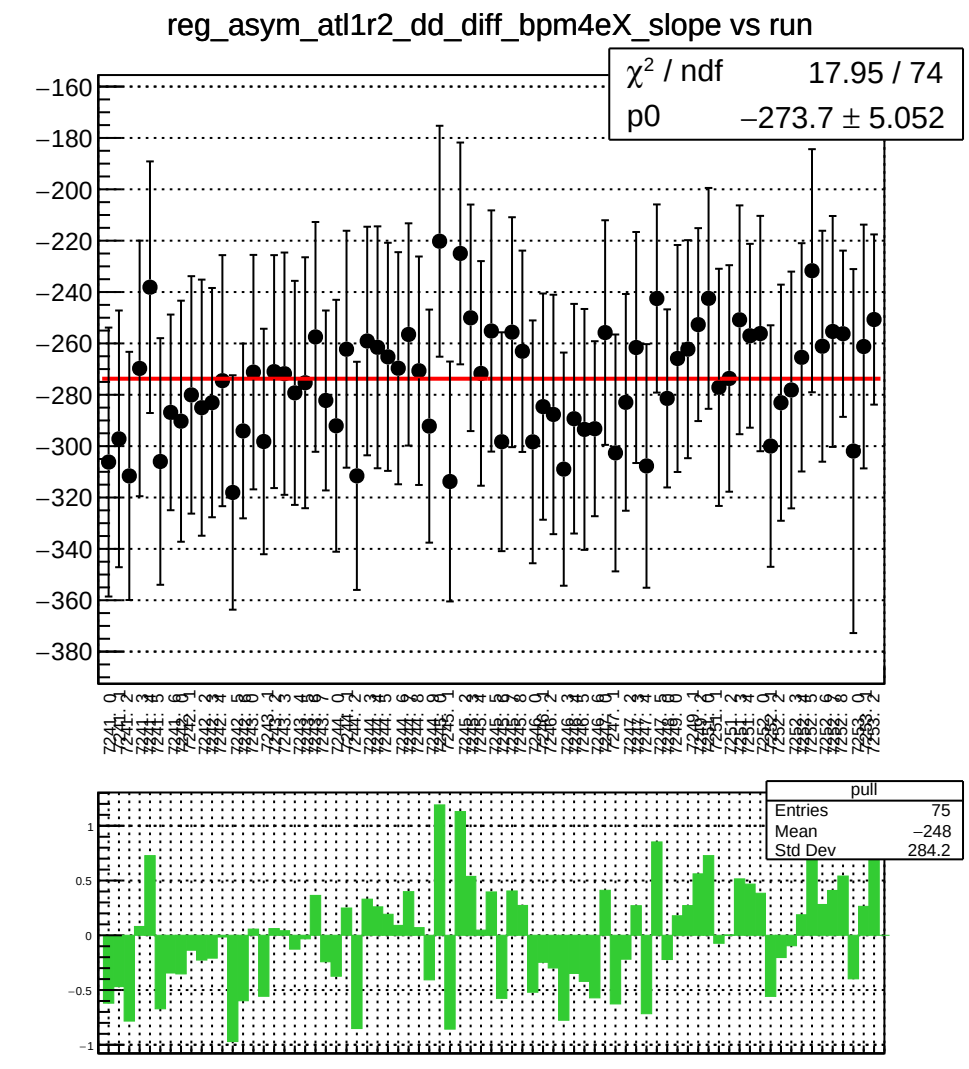

pull1D
Entries 75
Mean −0.01331
Std Dev 0.5531
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

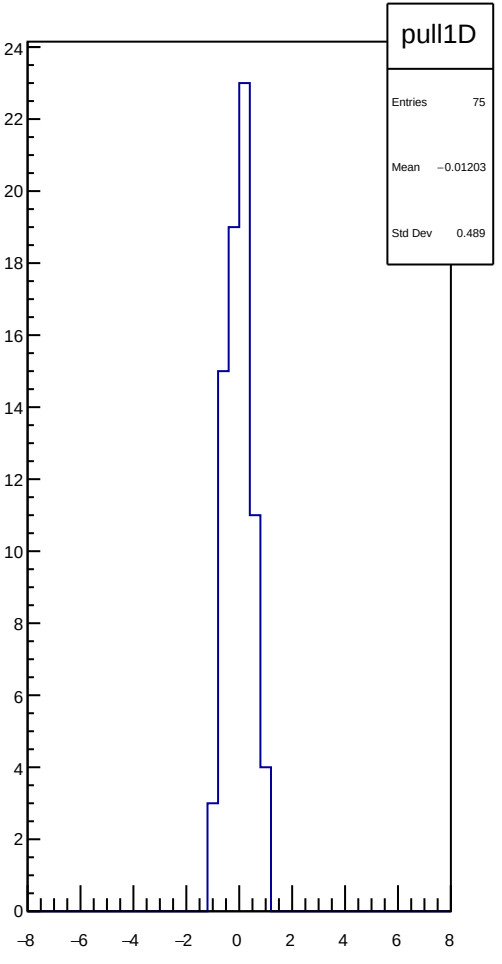

reg_asym_atl1r2_dd_diff_bpm1X_slope vs run
χ² / ndf 16.62 / 74
p0 236.4 ± 4.85
pull
Entries 75
Mean −224.6
Std Dev 259.5

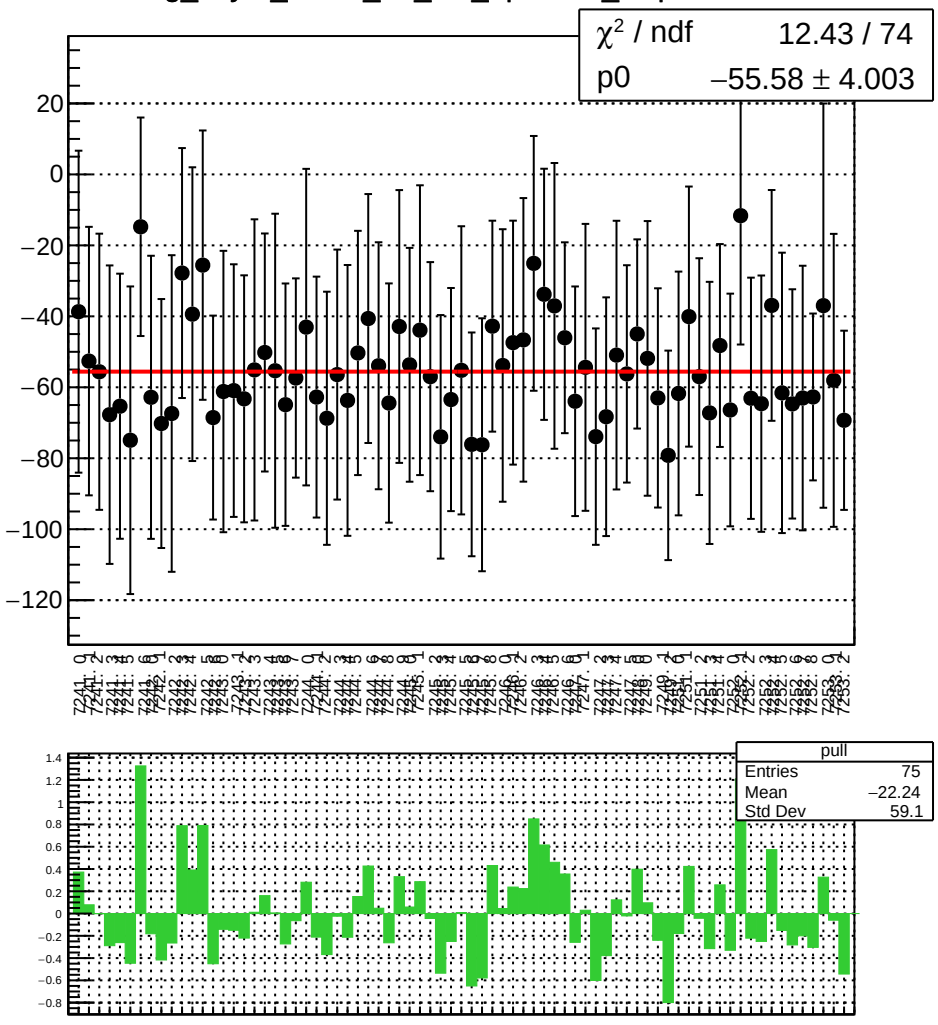

pull1D
Entries 75
Mean 0.01109
Std Dev 0.4706

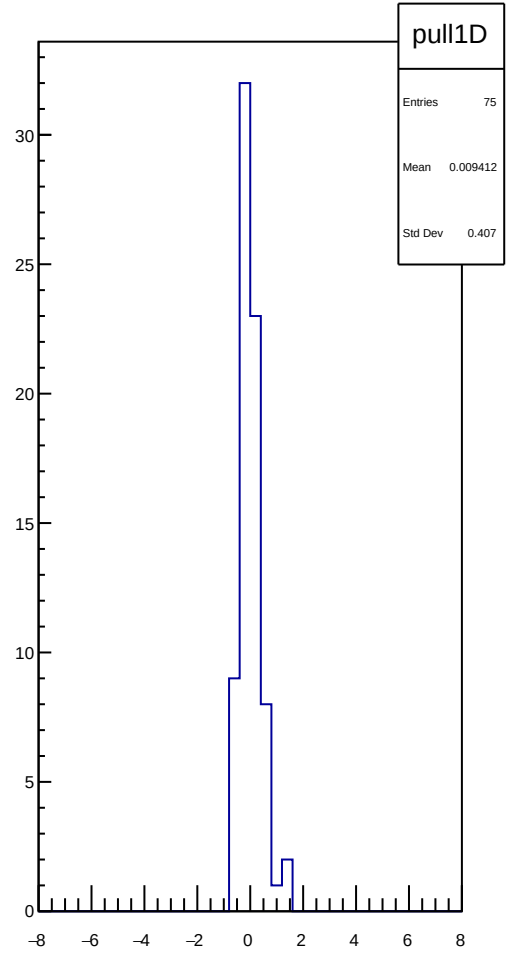

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs run
χ² / ndf 12.03 / 74
p0 −15.04 ± 3.719
pull
Entries 75
Mean −56.69
Std Dev 97.31

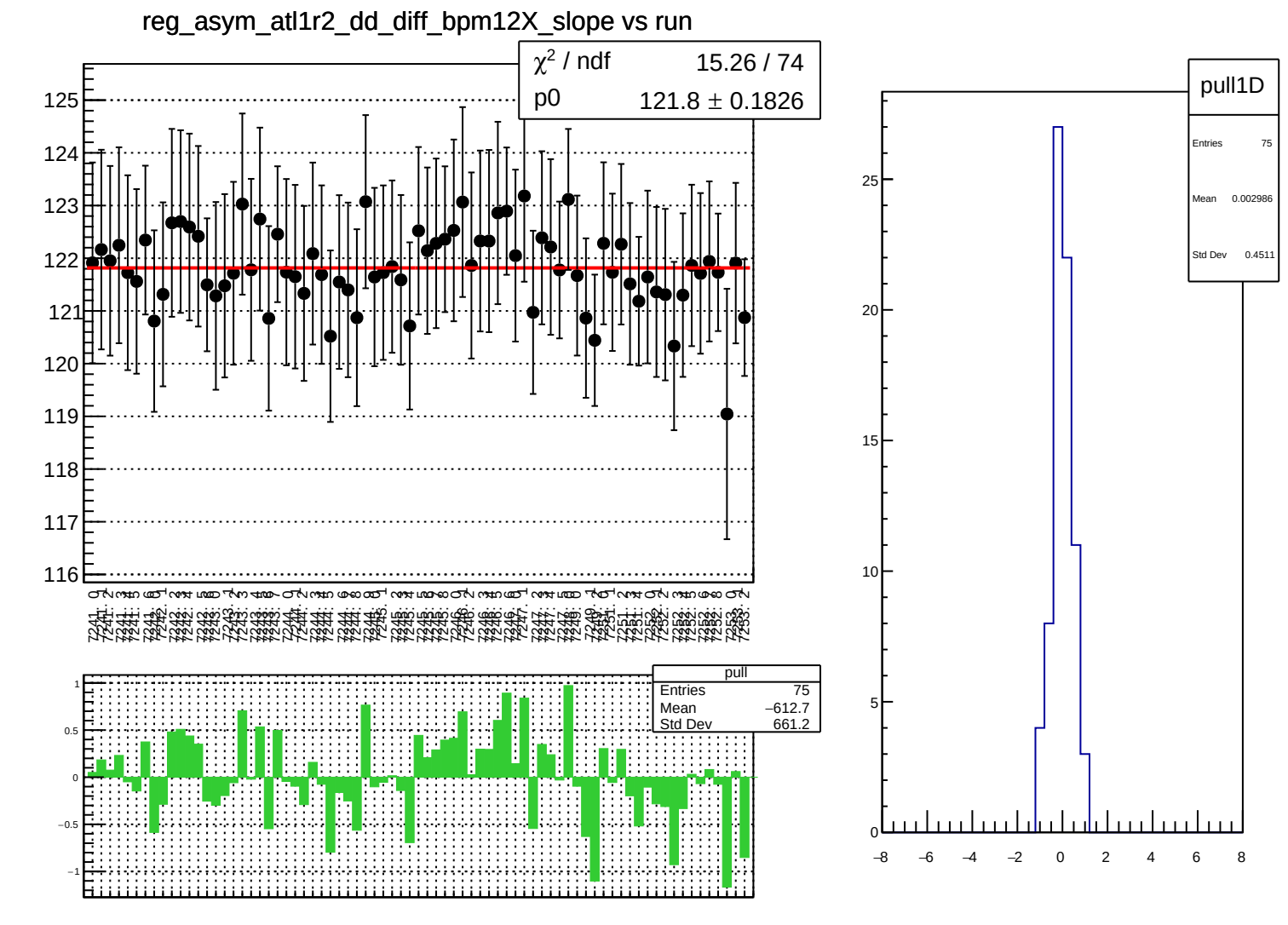

pull1D
Entries 75
Mean −0.01113
Std Dev 0.4003

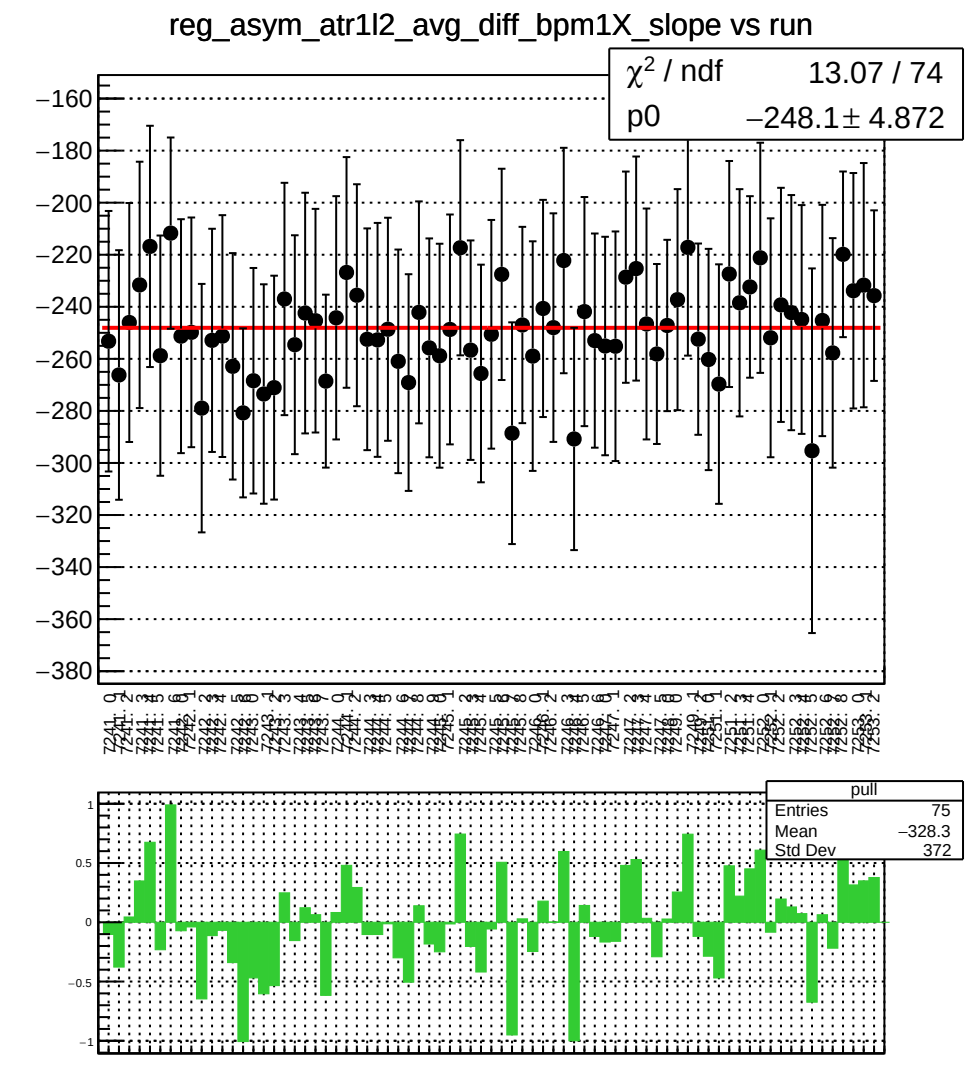

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs run
χ² / ndf 17.95 / 74
p0 −273.7 ± 5.052
pull
Entries 75
Mean −248
Std Dev 284.2

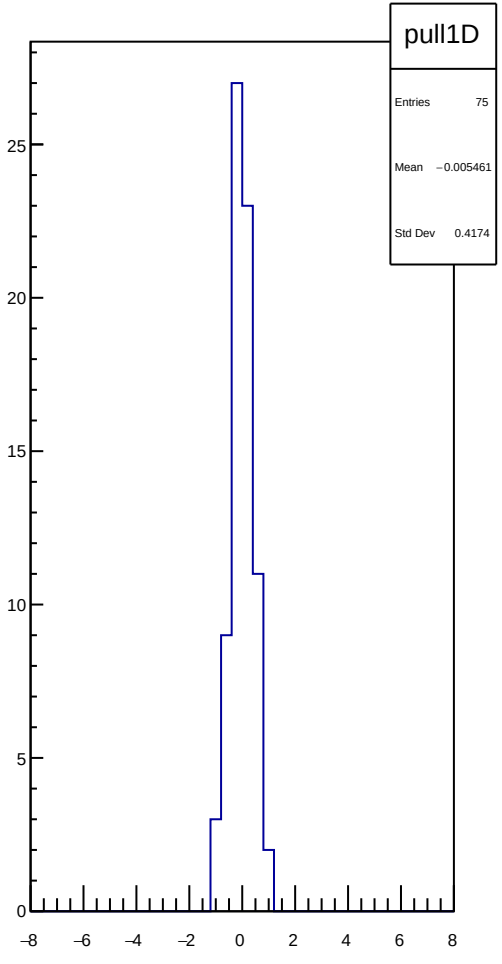

pull1D
Entries 75
Mean −0.01203
Std Dev 0.489

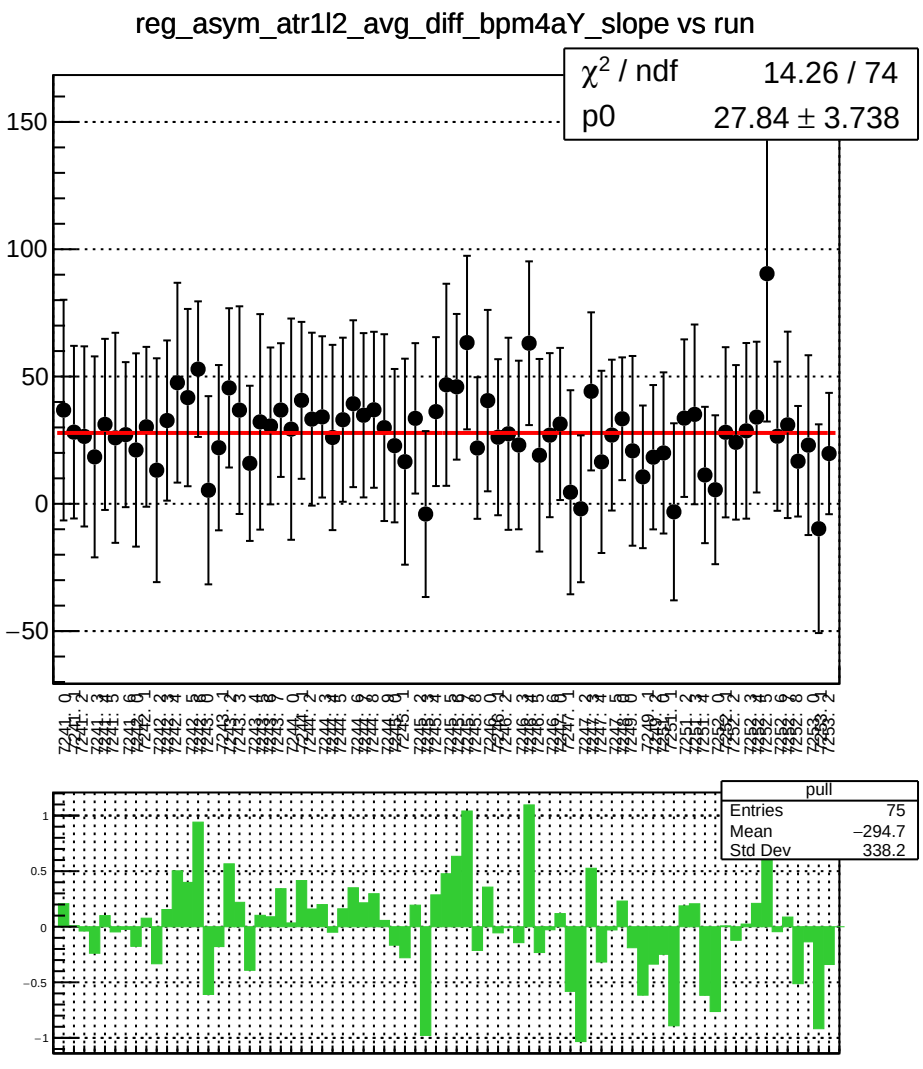

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs run
χ² / ndf 12.43 / 74
p0 −55.58 ± 4.003
pull
Entries 75
Mean −22.24
Std Dev 59.1

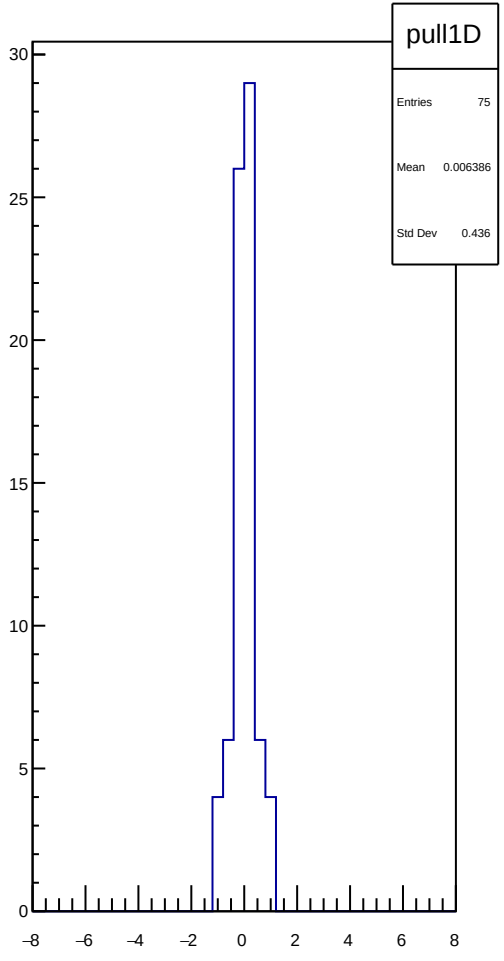

pull1D
Entries 75
Mean 0.009412
Std Dev 0.407

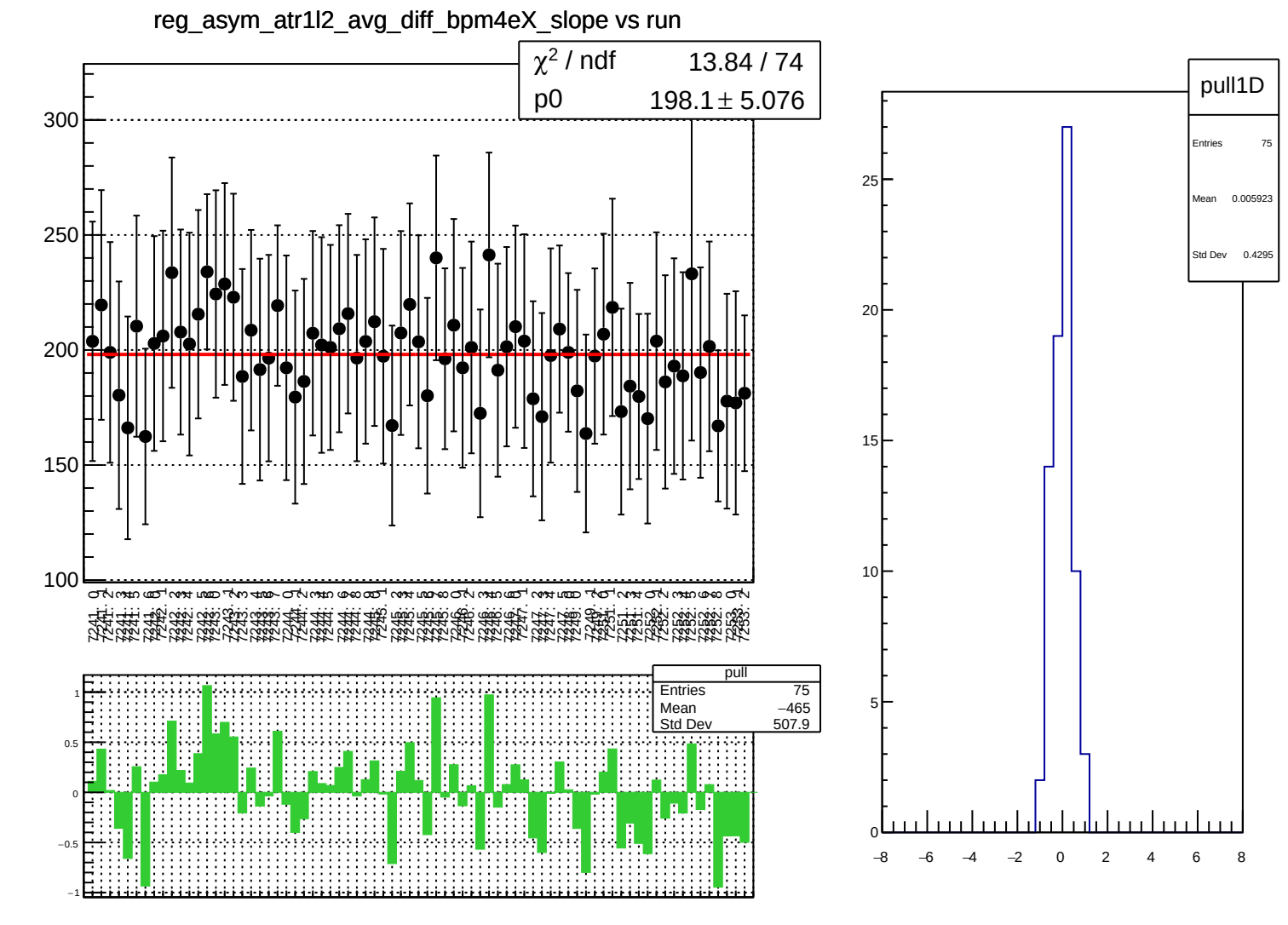

reg_asym_atl1r2_dd_diff_bpm12X_slope vs run
χ² / ndf 15.26 / 74
p0 121.8 ± 0.1826
pull
Entries 75
Mean −612.7
Std Dev 661.2
pull1D
Entries 75
Mean 0.002986
Std Dev 0.4511

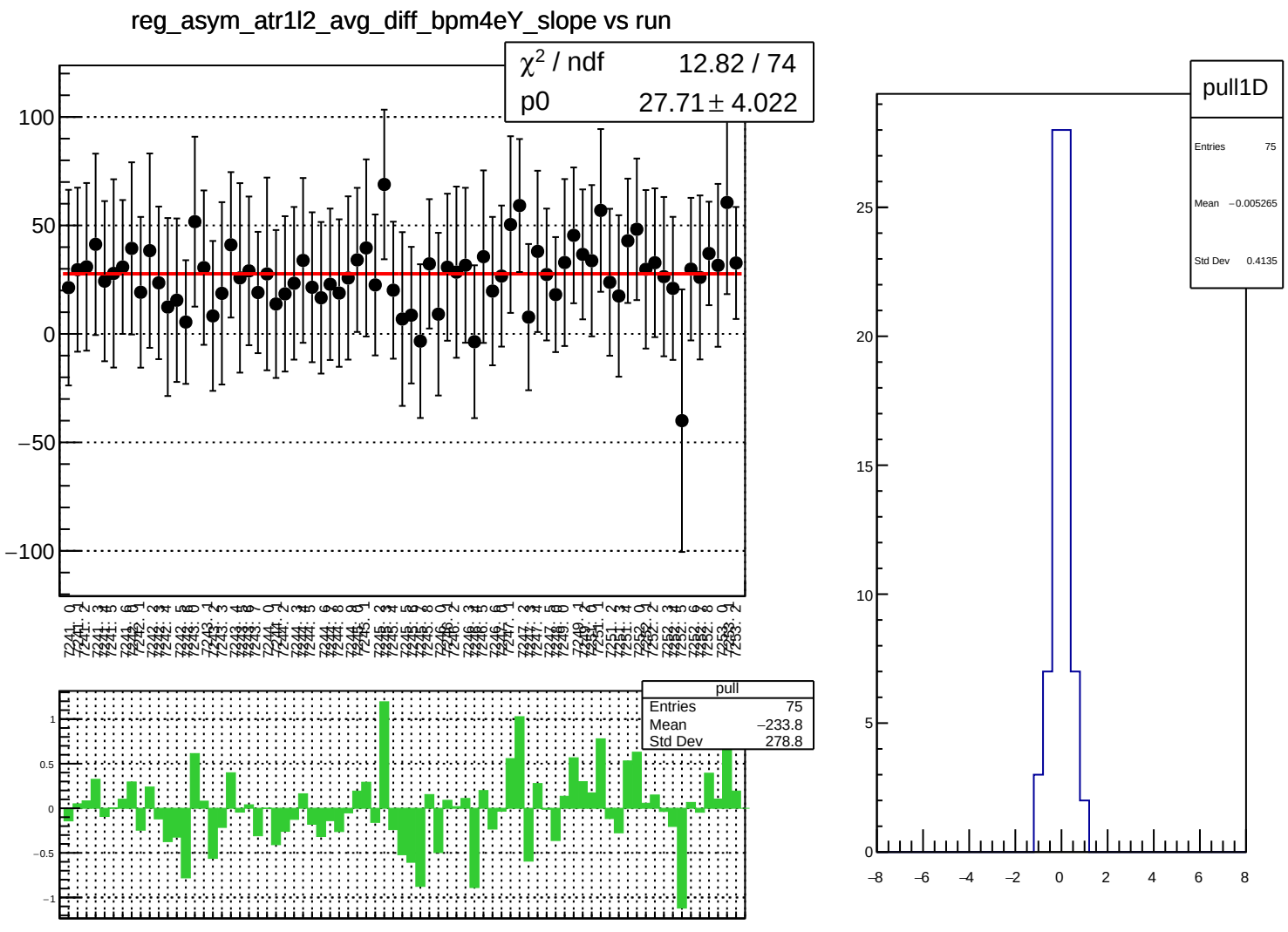

reg_asym_atr1l2_avg_diff_bpm1X_slope vs run
χ² / ndf 13.07 / 74
p0 −248.1± 4.872
pull
Entries 75
Mean −328.3
Std Dev 372

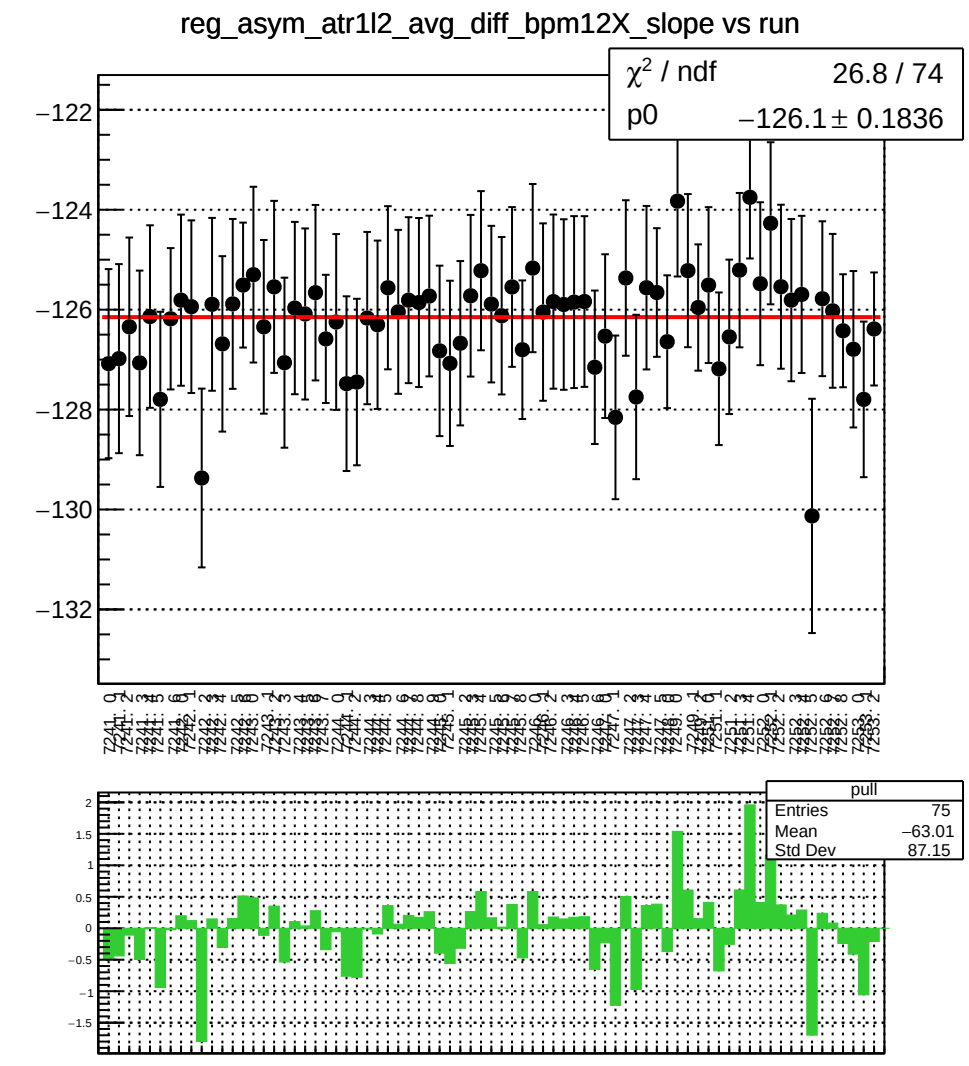

pull1D
Entries 75
Mean −0.005461
Std Dev 0.4174

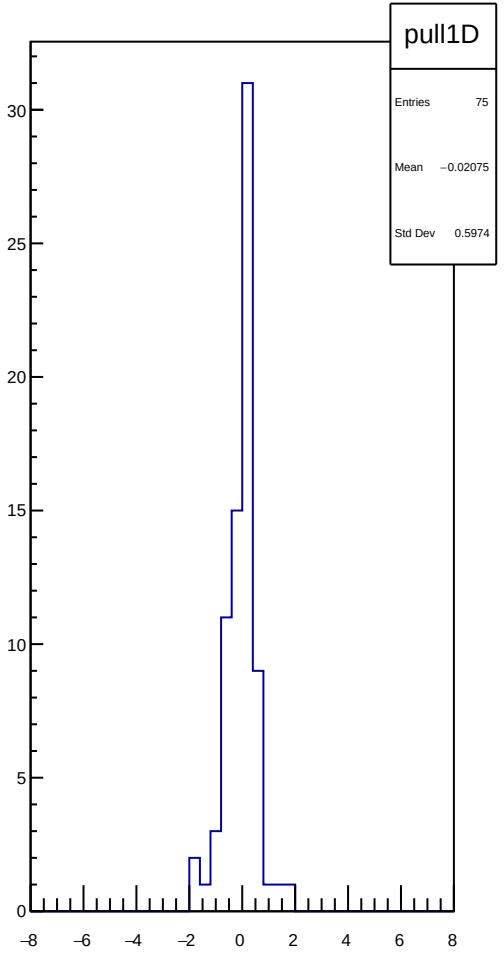

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs run
χ² / ndf 14.26 / 74
p0 27.84 ± 3.738
150
100
50
0
−50
pull
Entries 75
Mean −294.7
Std Dev 338.2
1
0.5
0
−0.5
−1

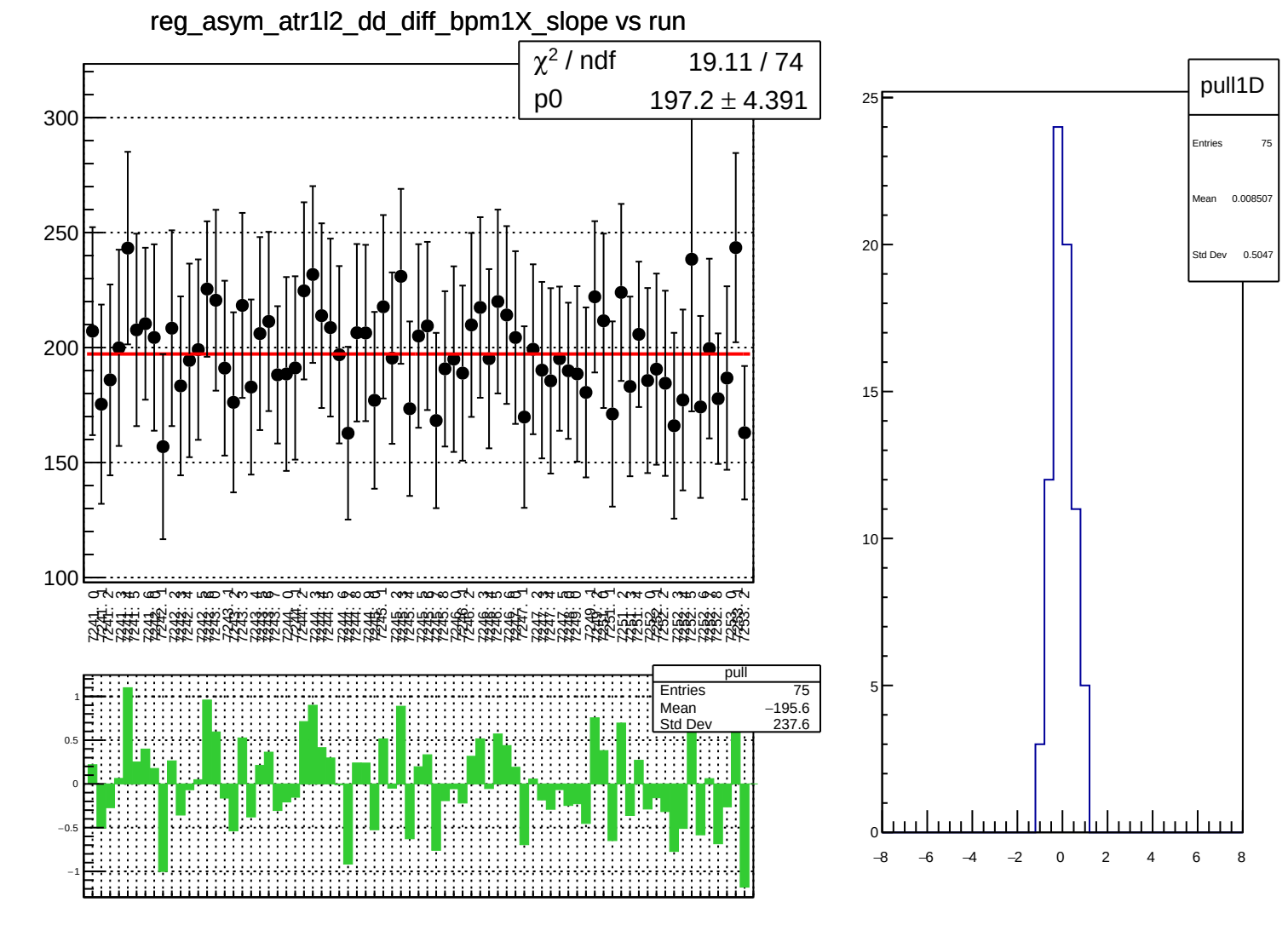

pull1D
Entries 75
Mean 0.006386
Std Dev 0.436
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

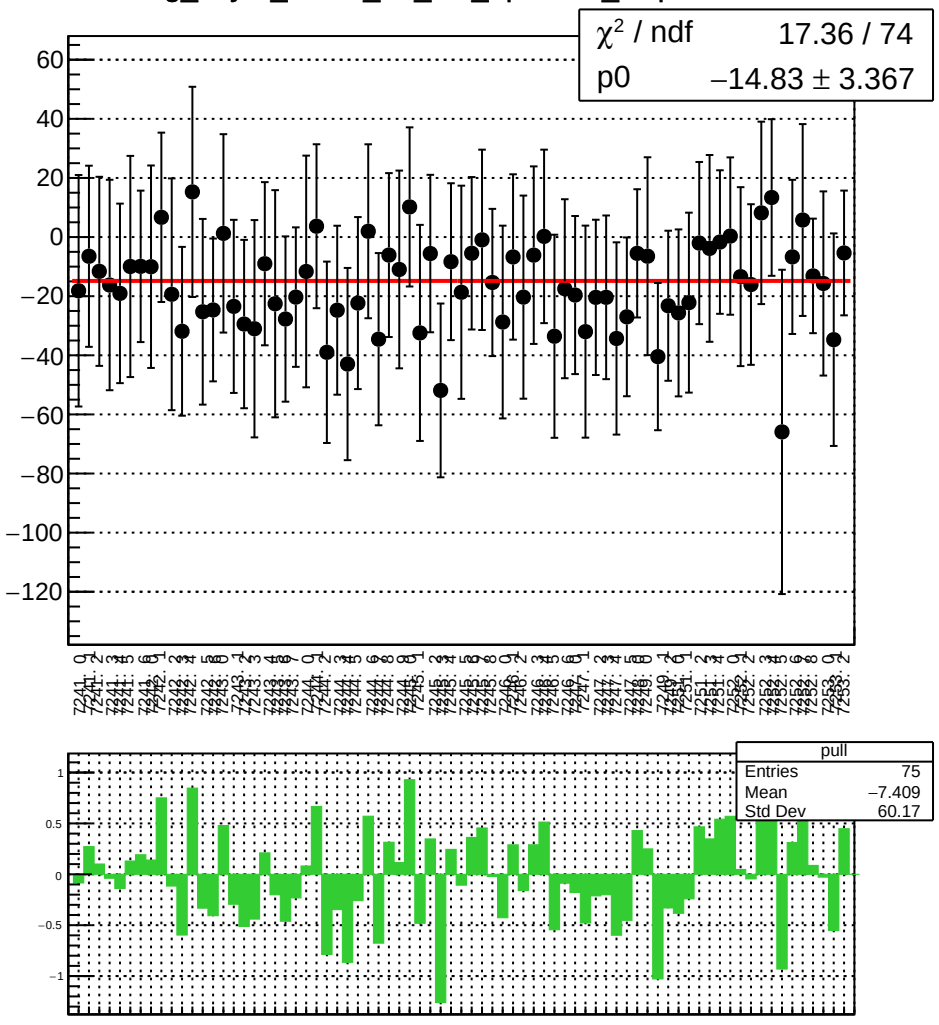

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs run
χ² / ndf 13.84 / 74
p0 198.1 ± 5.076
pull
Entries 75
Mean −465
Std Dev 507.9
pull1D
Entries 75
Mean 0.005923
Std Dev 0.4295

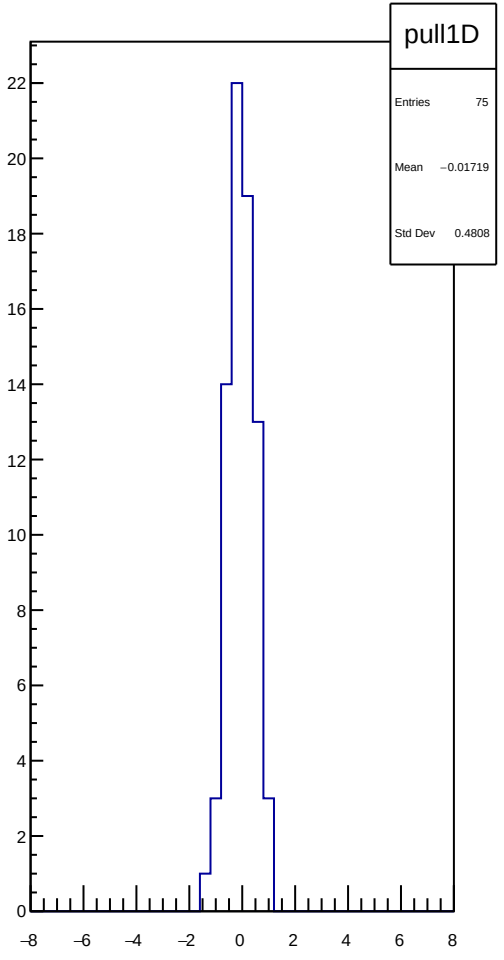

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs run
χ² / ndf 12.82 / 74
p0 27.71 ± 4.022
100
50
0
−50
−100
pull
Entries 75
Mean −233.8
Std Dev 278.8
1
0.5
0
−0.5
−1
pull1D
Entries 75
Mean −0.005265
Std Dev 0.4135
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

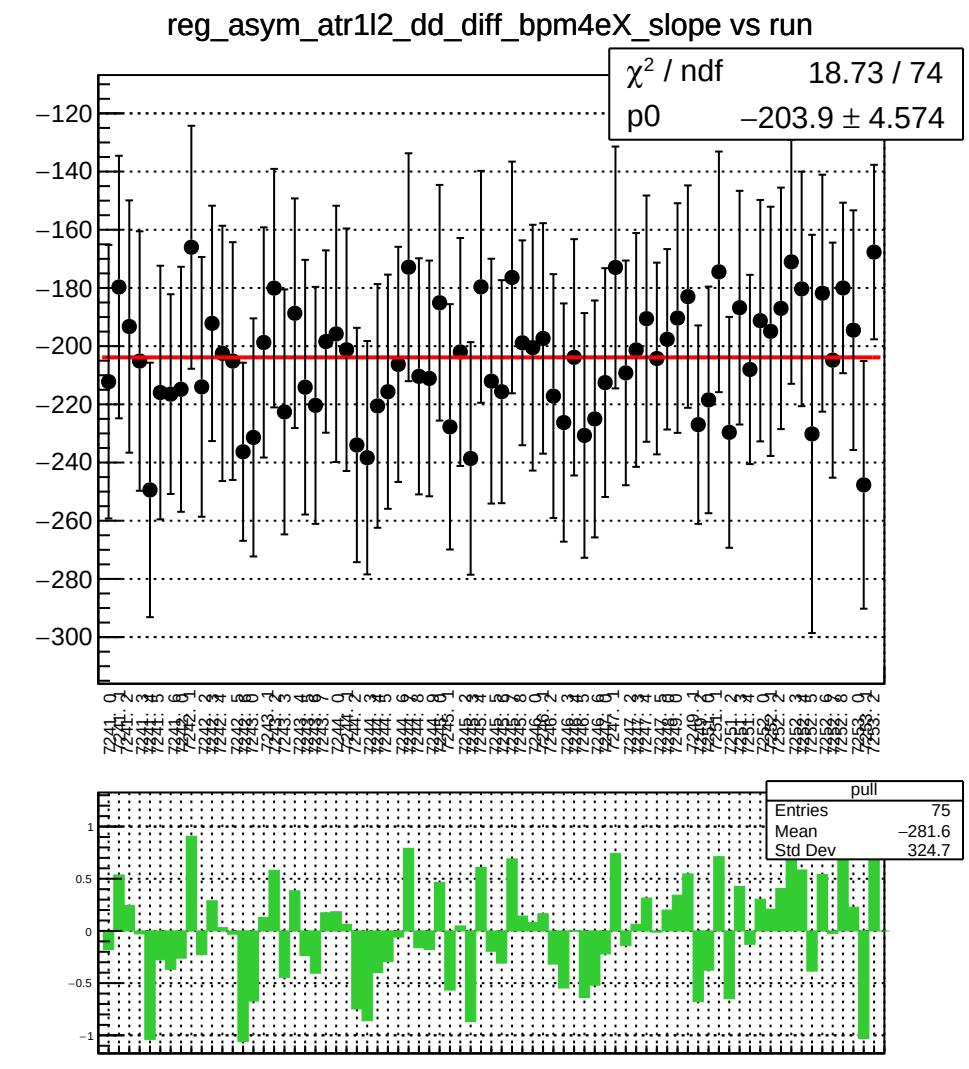

reg_asym_atr1l2_avg_diff_bpm12X_slope vs run
χ² / ndf 26.8 / 74
p0 −126.1 ± 0.1836
−122
−124
−126
−128
−130
−132
pull
Entries 75
Mean −63.01
Std Dev 87.15
2
1.5
1
0.5
0
−0.5
−1
−1.5

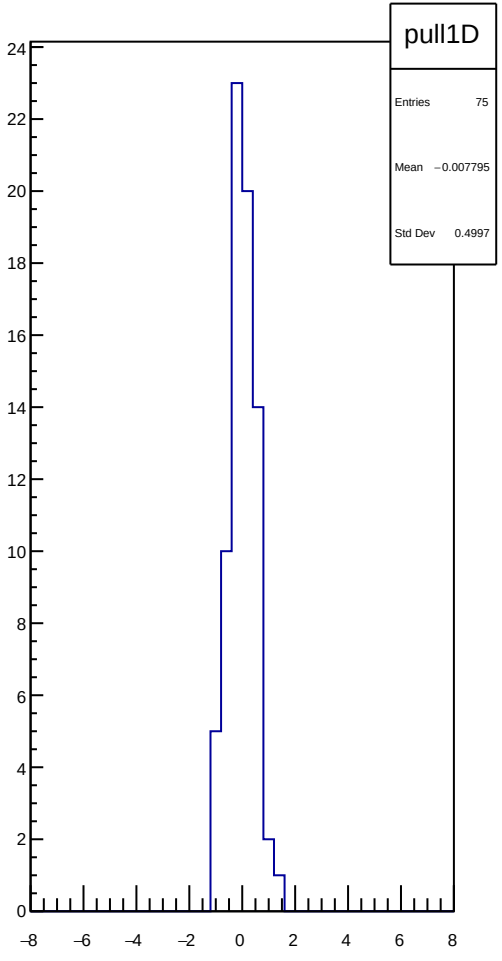

pull1D
Entries 75
Mean −0.02075
Std Dev 0.5974
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

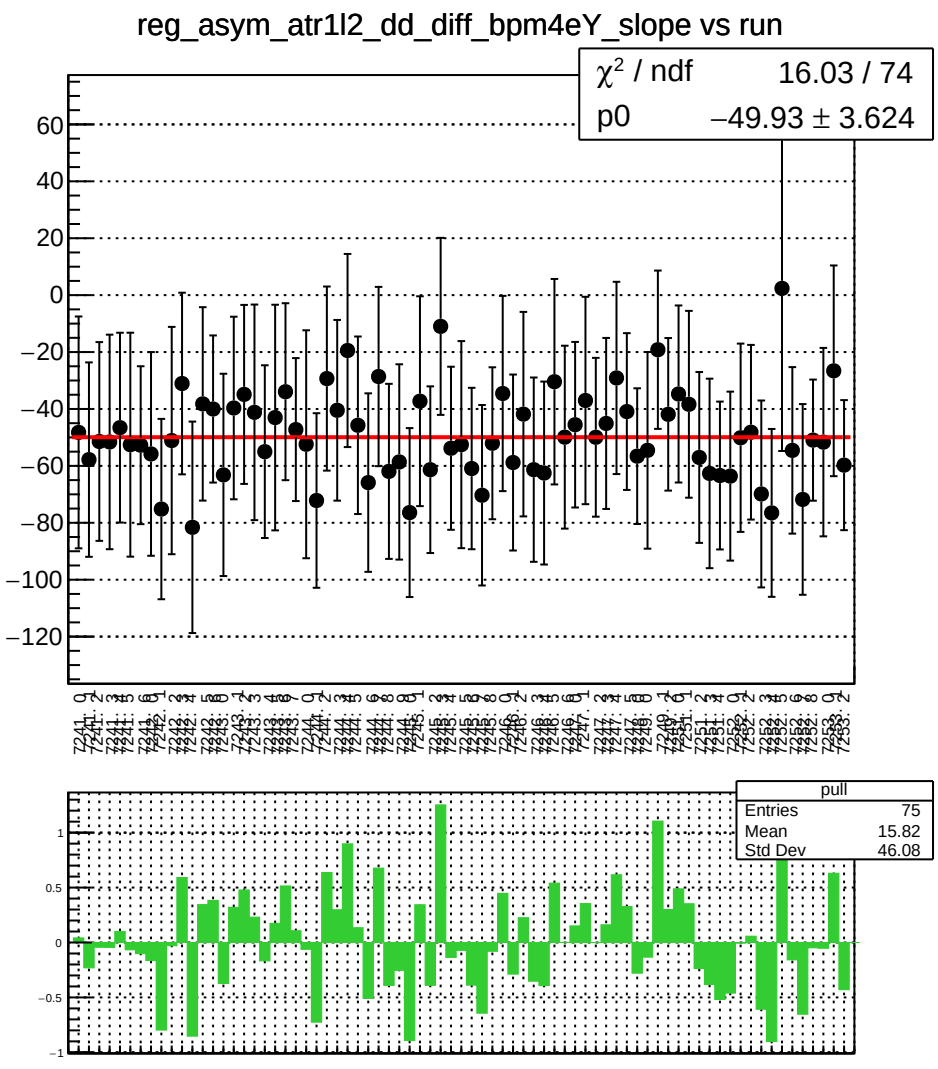

reg_asym_atr1l2_dd_diff_bpm1X_slope vs run
χ² / ndf 19.11 / 74
p0 197.2 ± 4.391
300
250
200
150
100
pull
Entries 75
Mean −195.6
Std Dev 237.6
1
0.5
0
−0.5
−1
pull1D
Entries 75
Mean 0.008507
Std Dev 0.5047
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

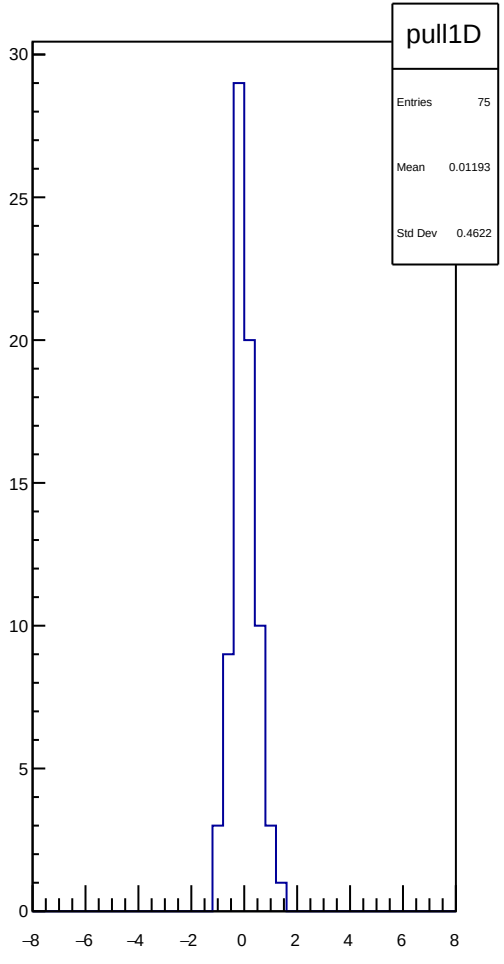

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs run
χ² / ndf 17.36 / 74
p0 −14.83 ± 3.367
pull
Entries 75
Mean −7.409
Std Dev 60.17

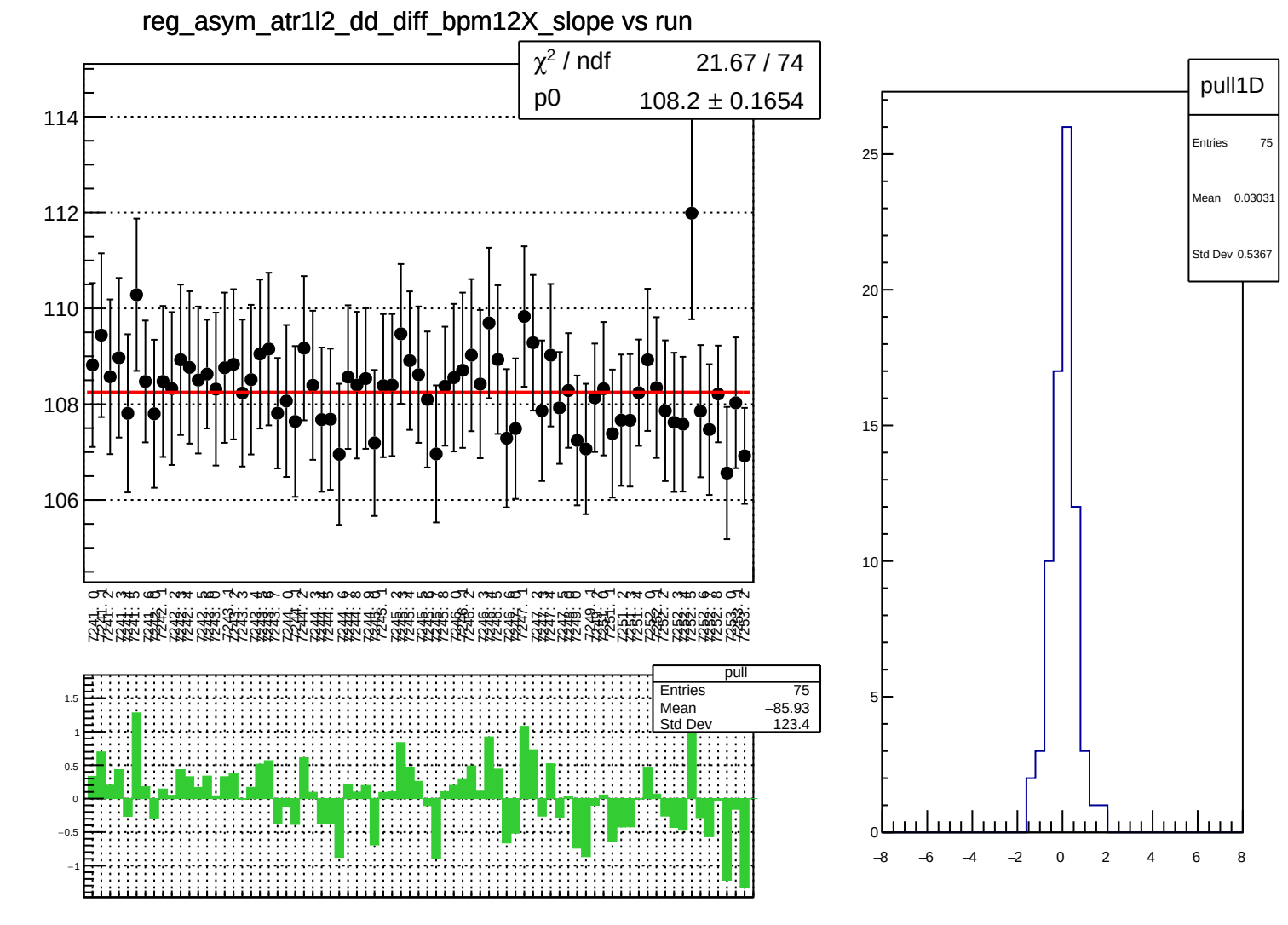

pull1D
Entries 75
Mean −0.01719
Std Dev 0.4808

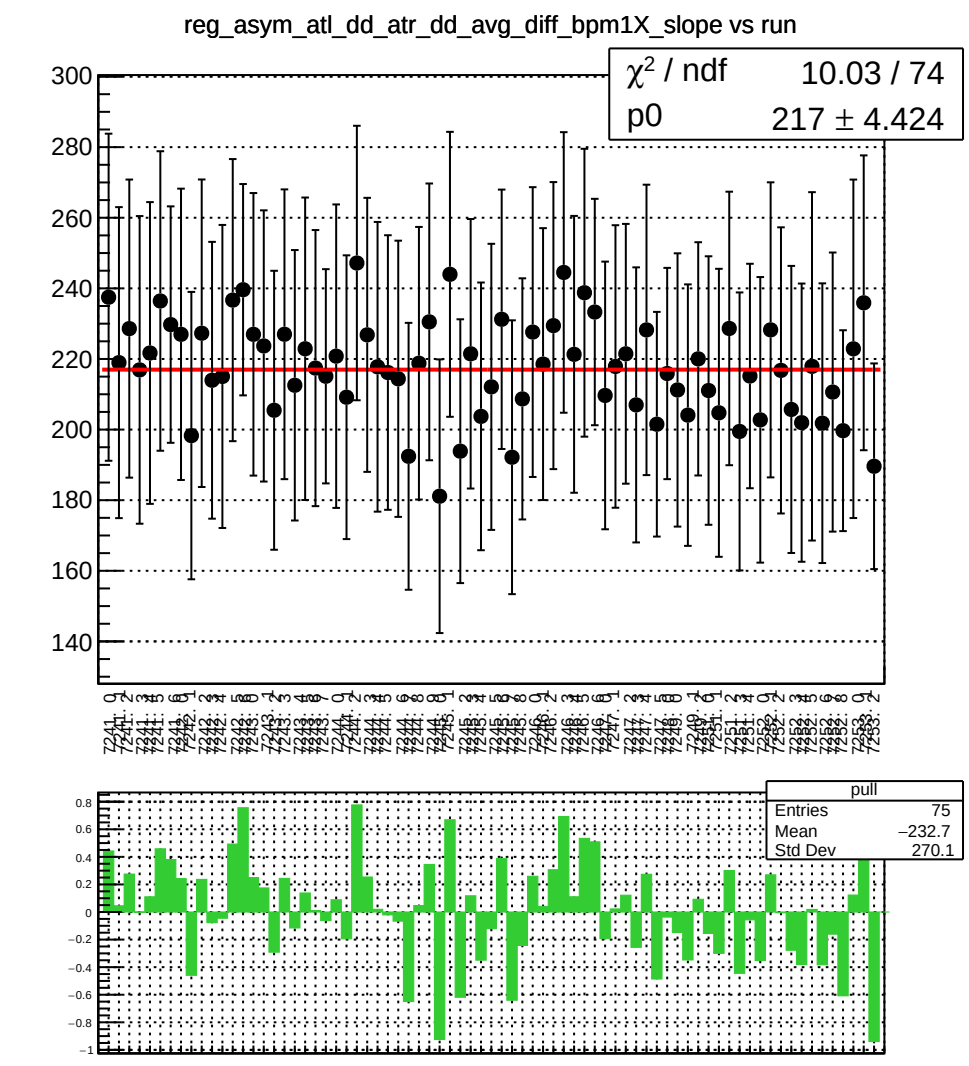

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs run
χ² / ndf 18.73 / 74
p0 −203.9 ± 4.574
pull
Entries 75
Mean −281.6
Std Dev 324.7

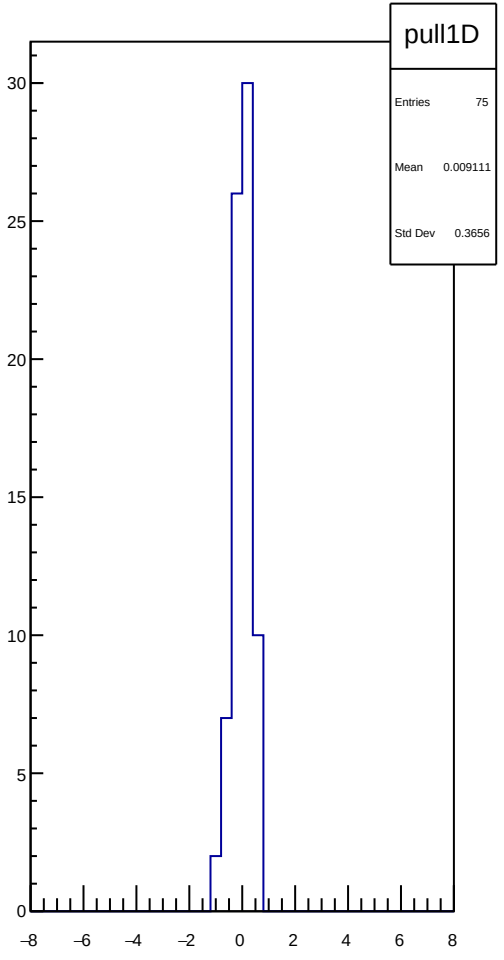

pull1D
Entries 75
Mean −0.007795
Std Dev 0.4997

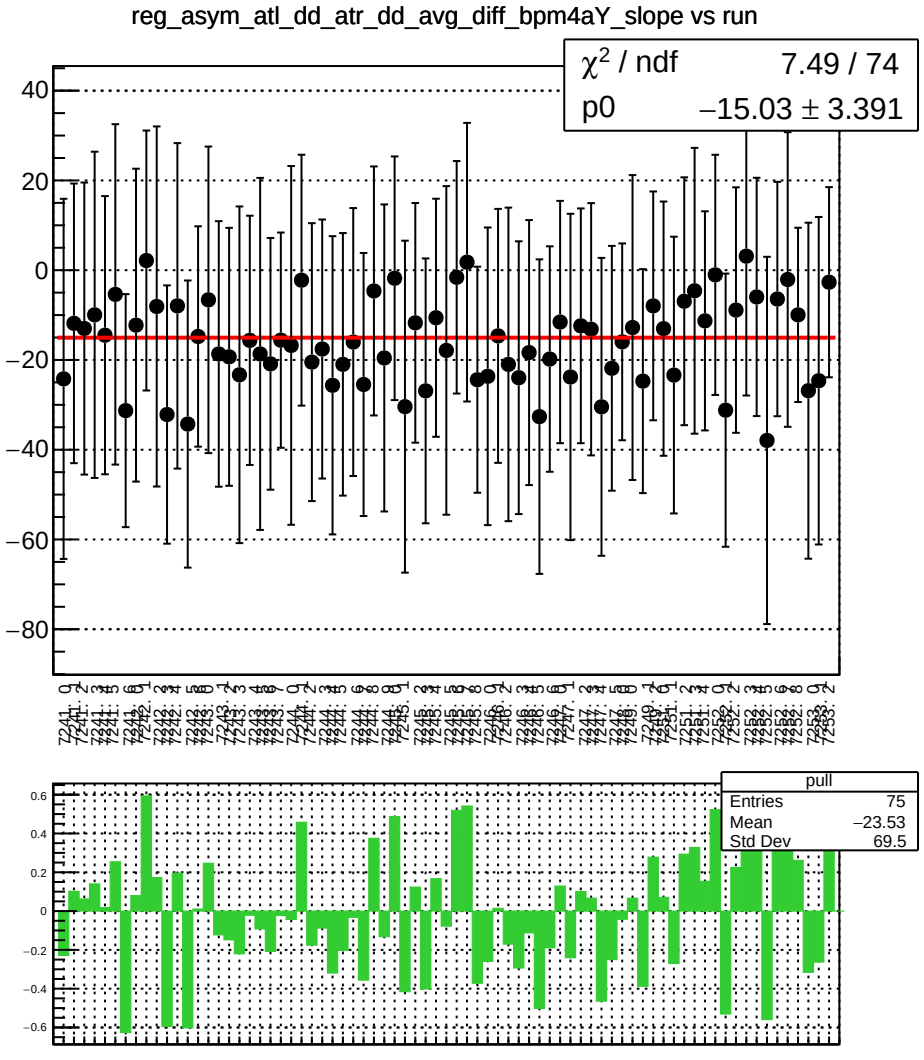

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs run
χ² / ndf 16.03 / 74
p0 −49.93 ± 3.624
pull
Entries 75
Mean 15.82
Std Dev 46.08

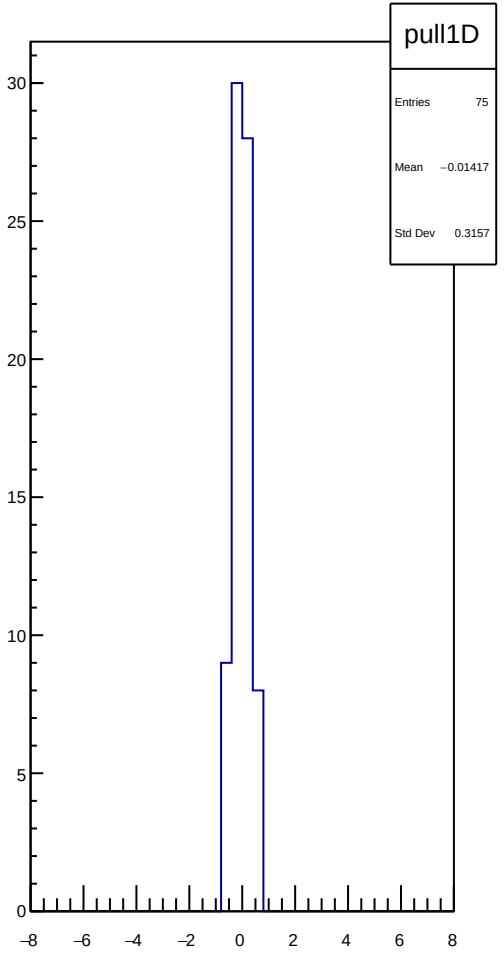

pull1D
Entries 75
Mean 0.01193
Std Dev 0.4622

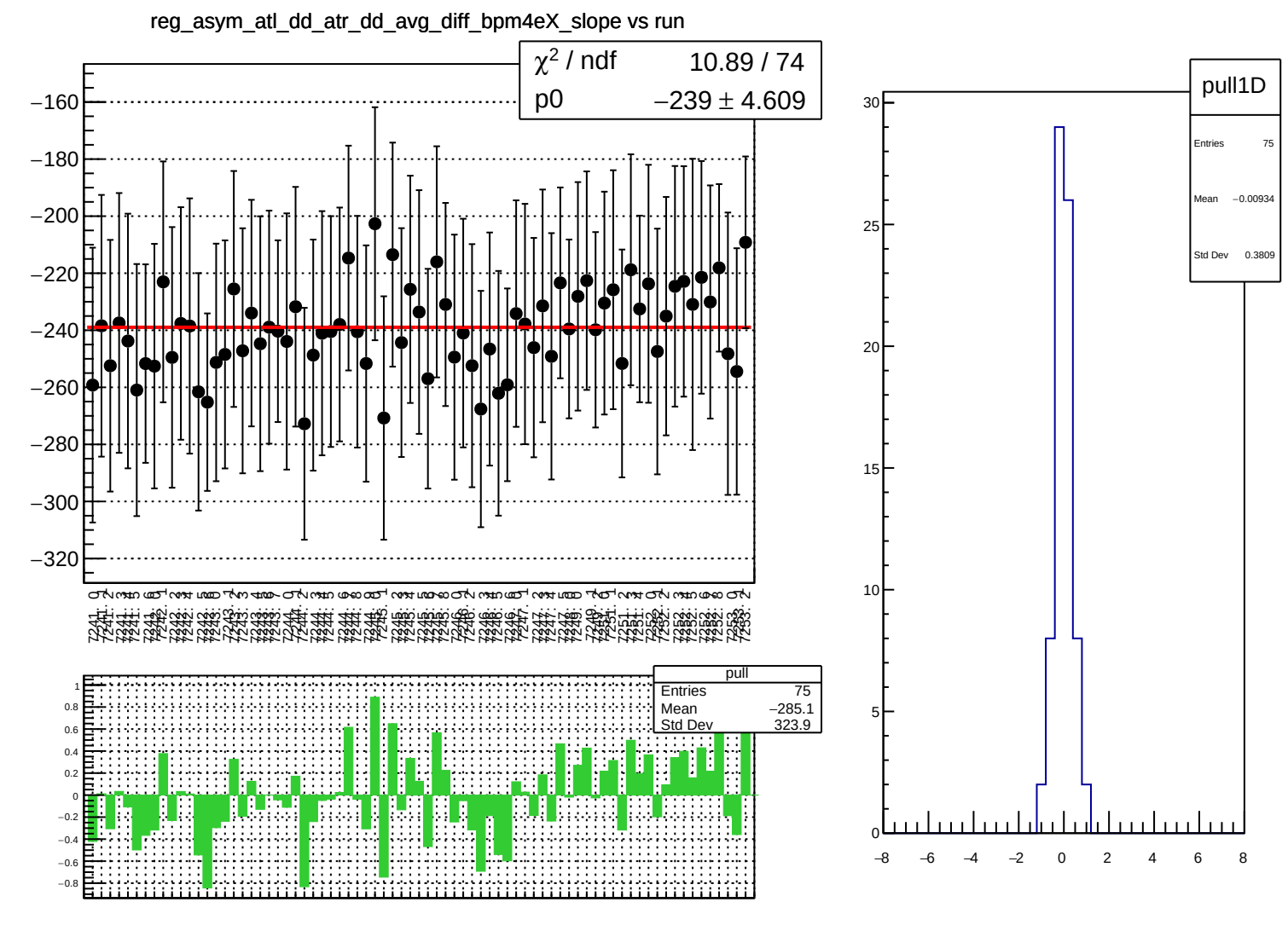

reg_asym_atr1l2_dd_diff_bpm12X_slope vs run
χ² / ndf 21.67 / 74
p0 108.2 ± 0.1654
pull
Entries 75
Mean −85.93
Std Dev 123.4
pull1D
Entries 75
Mean 0.03031
Std Dev 0.5367

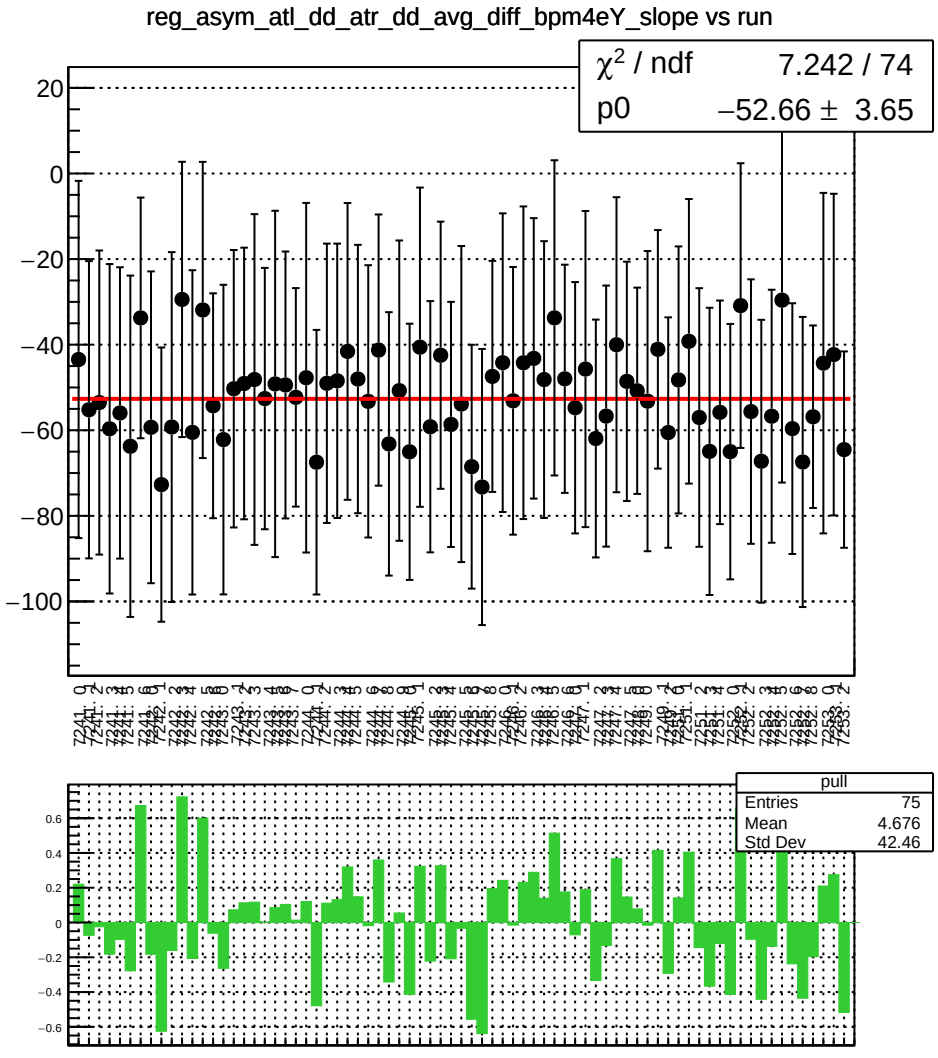

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs run
χ² / ndf 10.03 / 74
p0 217 ± 4.424
pull
Entries 75
Mean −232.7
Std Dev 270.1

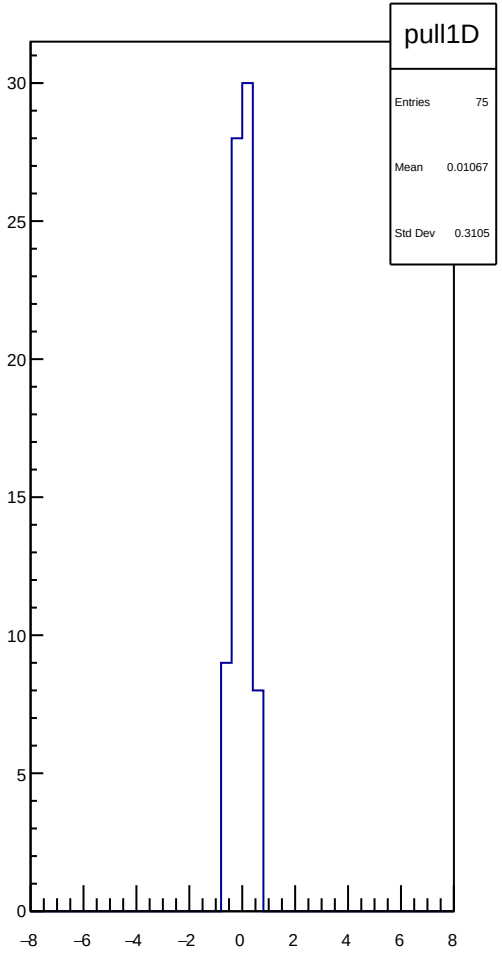

pull1D
Entries 75
Mean 0.009111
Std Dev 0.3656

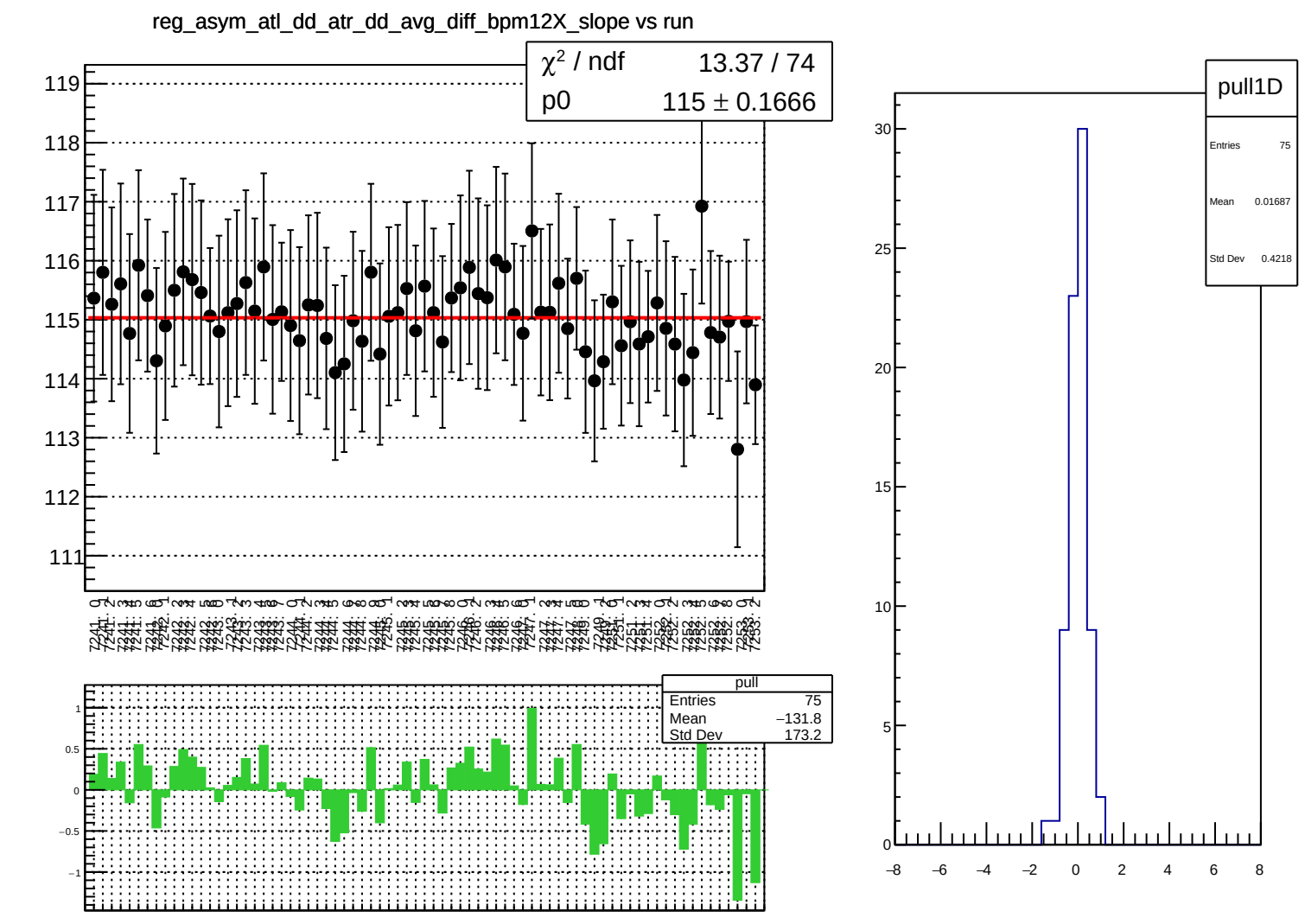

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs run
χ² / ndf 7.49 / 74
p0 −15.03 ± 3.391
pull
Entries 75
Mean −23.53
Std Dev 69.5

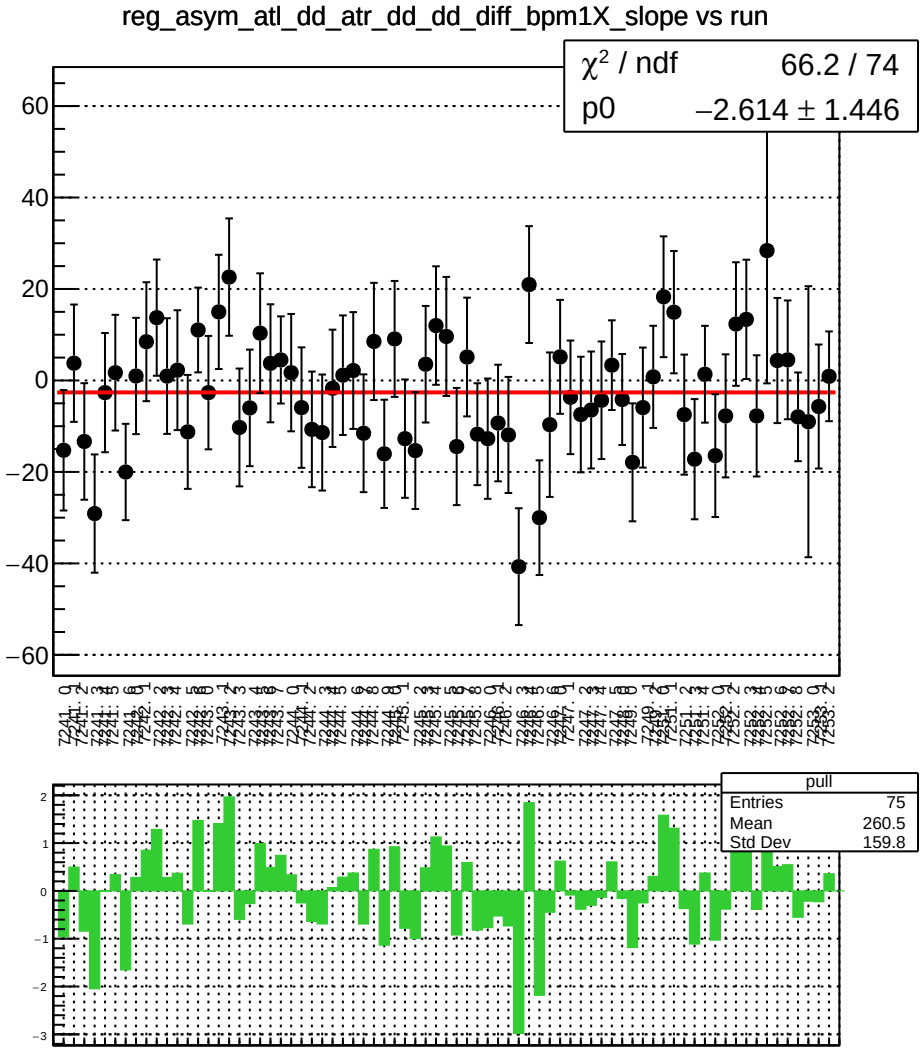

pull1D
Entries 75
Mean −0.01417
Std Dev 0.3157

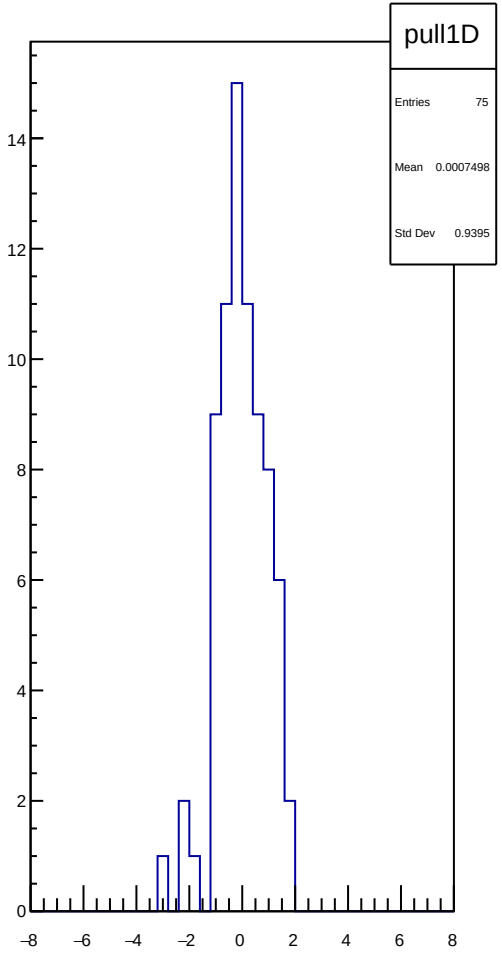

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs run
χ² / ndf 10.89 / 74
p0 −239 ± 4.609
pull
Entries 75
Mean −285.1
Std Dev 323.9
pull1D
Entries 75
Mean −0.00934
Std Dev 0.3809

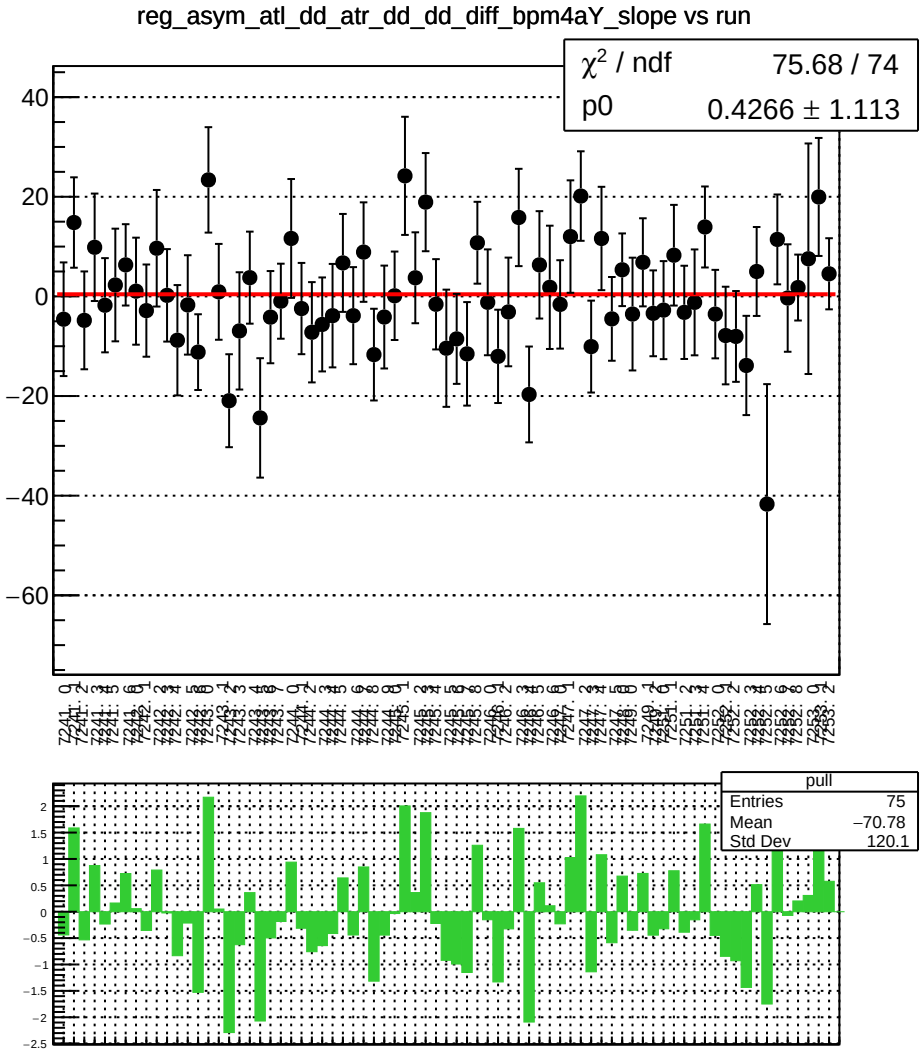

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs run
χ² / ndf 7.242 / 74
p0 −52.66 ± 3.65
pull
Entries 75
Mean 4.676
Std Dev 42.46

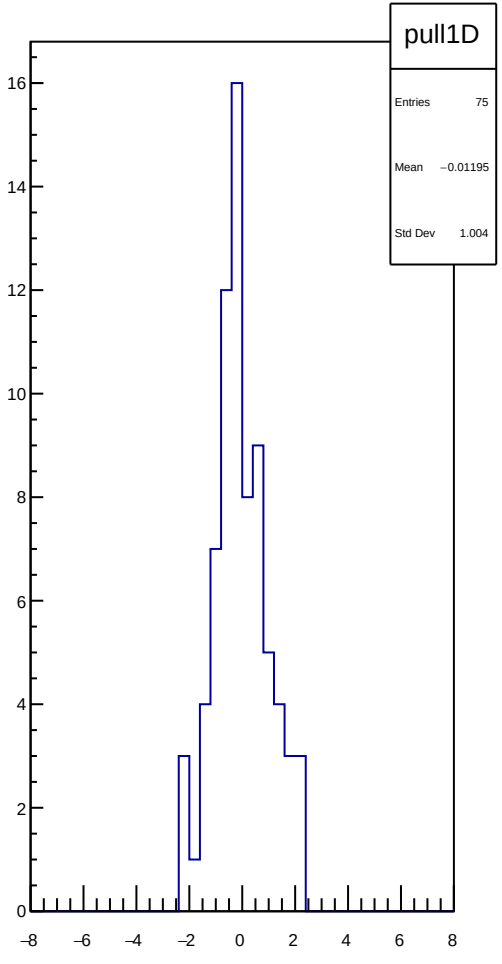

pull1D
Entries 75
Mean 0.01067
Std Dev 0.3105

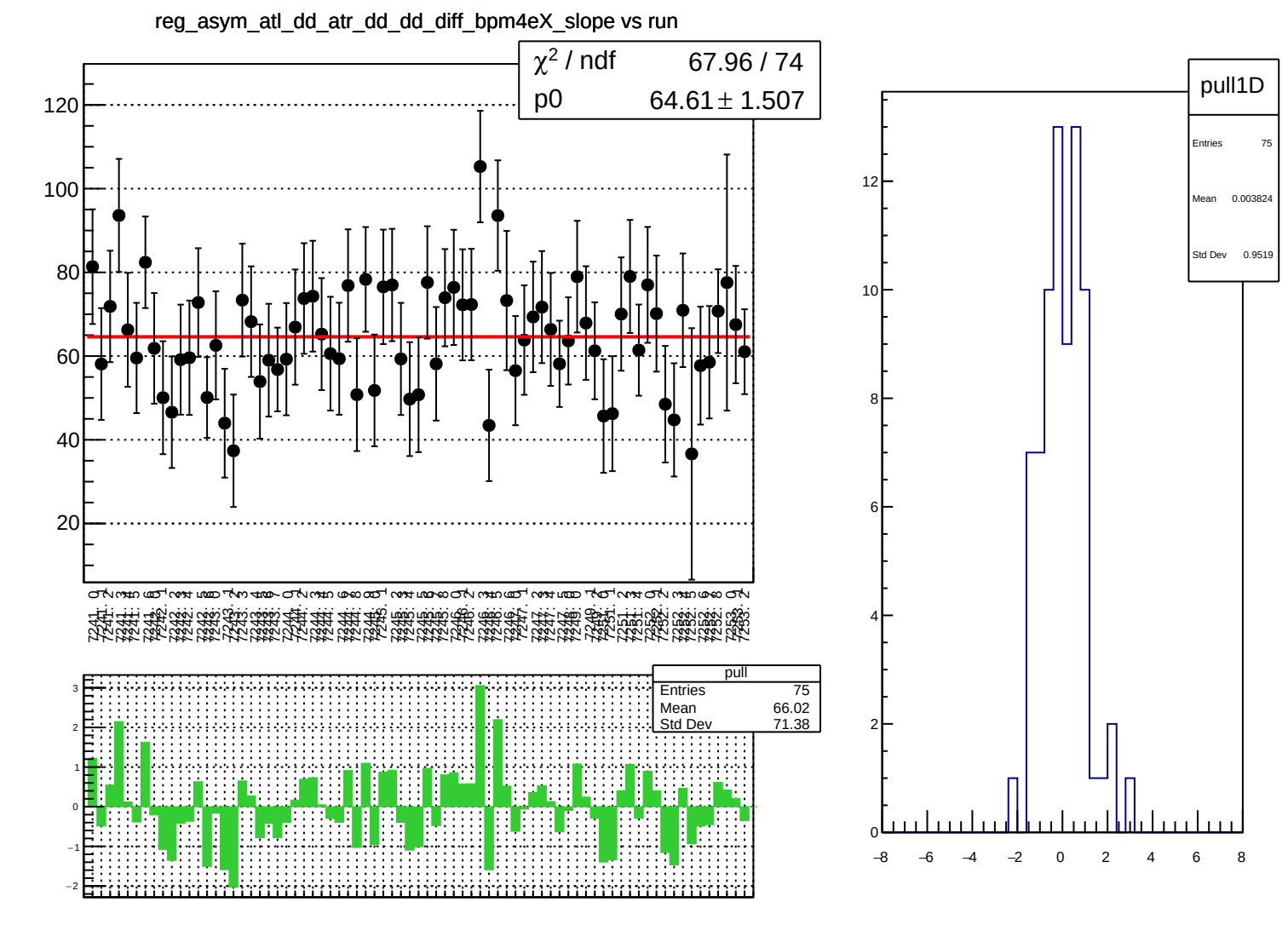

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs run
χ² / ndf 13.37 / 74
p0 115 ± 0.1666
pull
Entries 75
Mean −131.8
Std Dev 173.2
pull1D
Entries 75
Mean 0.01687
Std Dev 0.4218

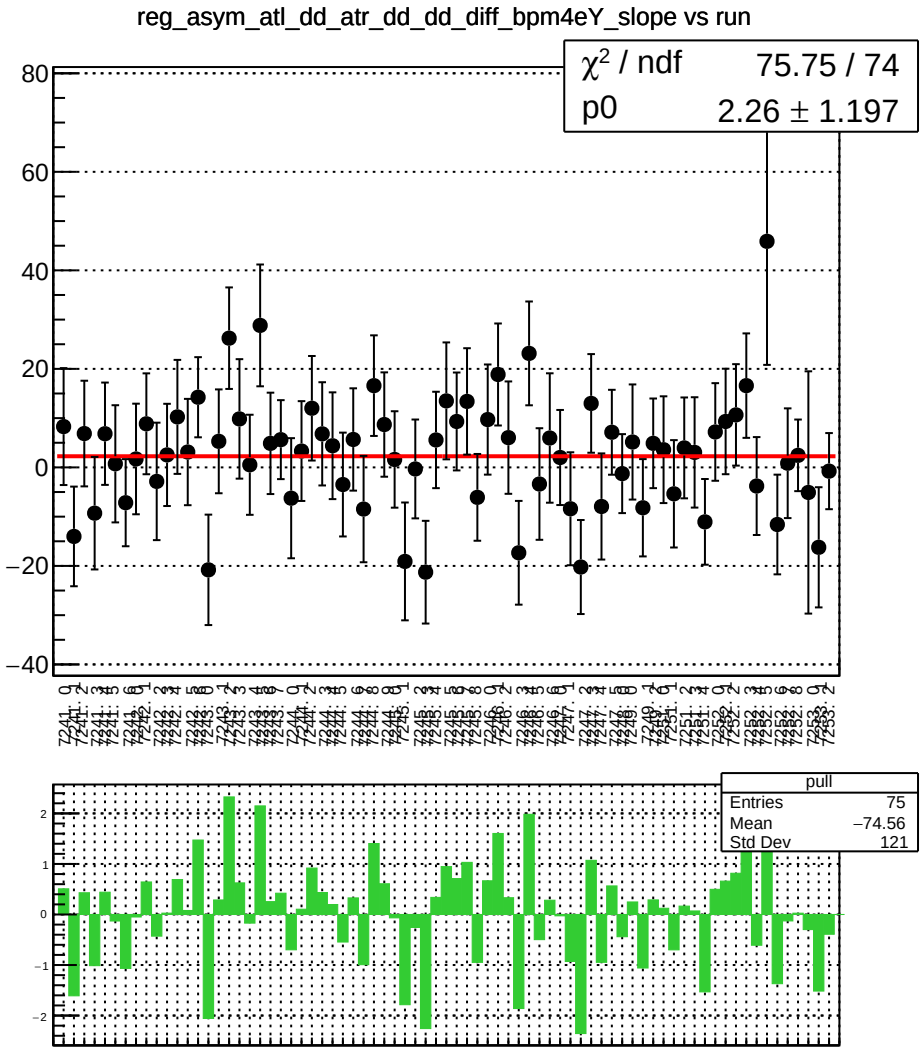

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs run
χ² / ndf 66.2 / 74
p0 −2.614 ± 1.446
pull
Entries 75
Mean 260.5
Std Dev 159.8

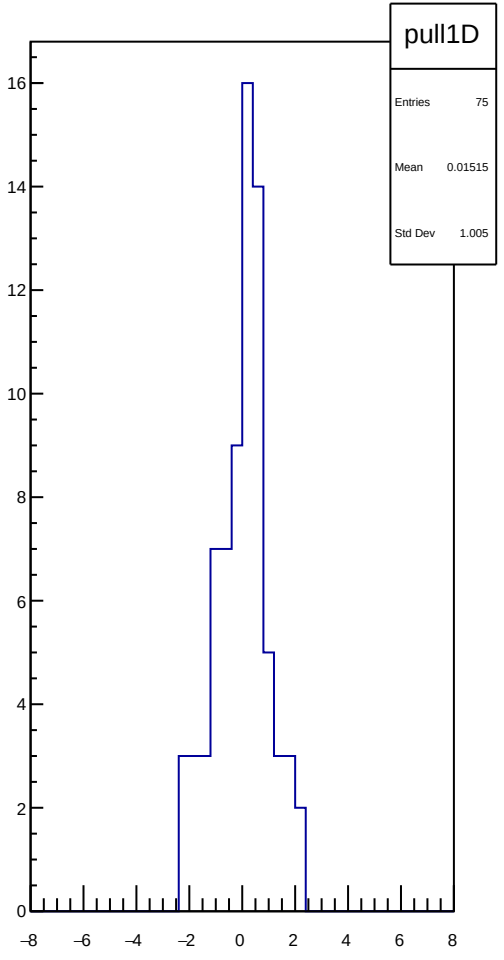

pull1D
Entries 75
Mean 0.0007498
Std Dev 0.9395

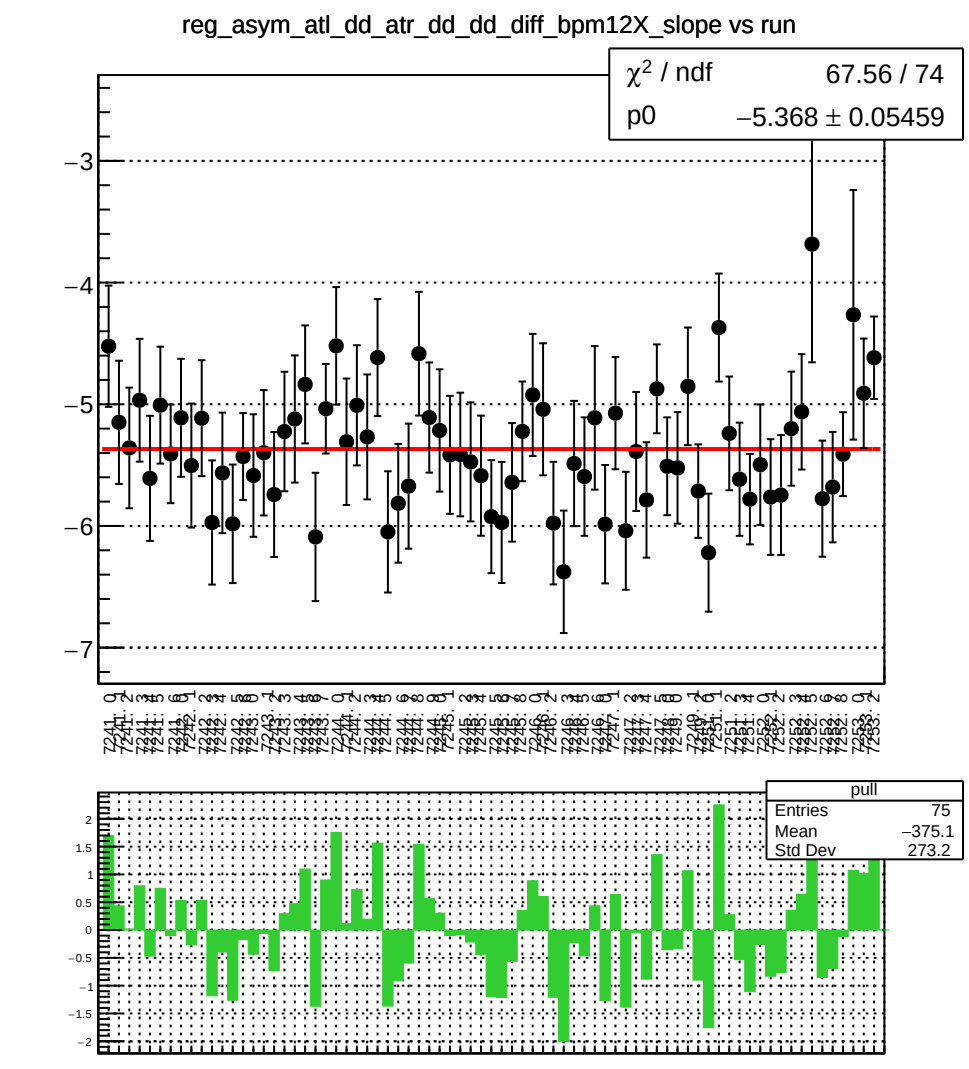

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs run
χ² / ndf 75.68 / 74
p0 0.4266 ± 1.113
pull
Entries 75
Mean −70.78
Std Dev 120.1

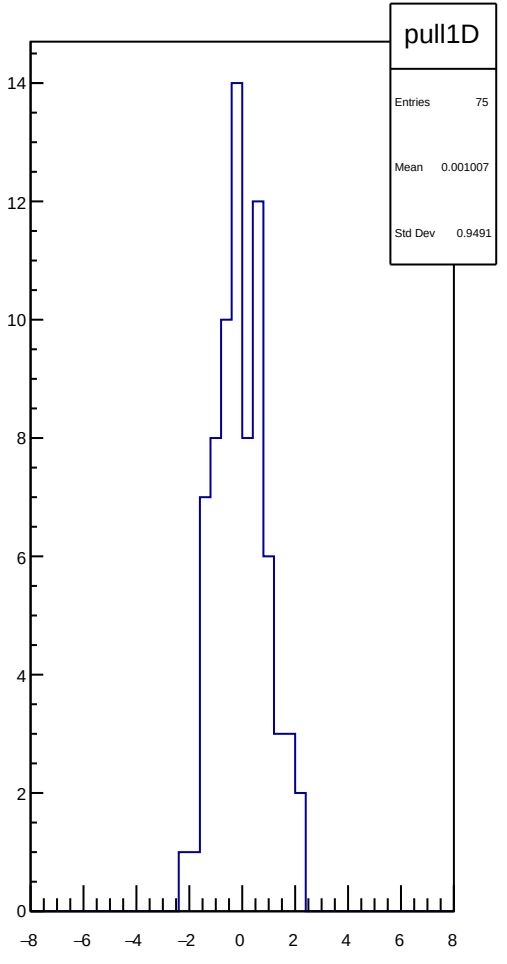

pull1D
Entries 75
Mean −0.01195
Std Dev 1.004

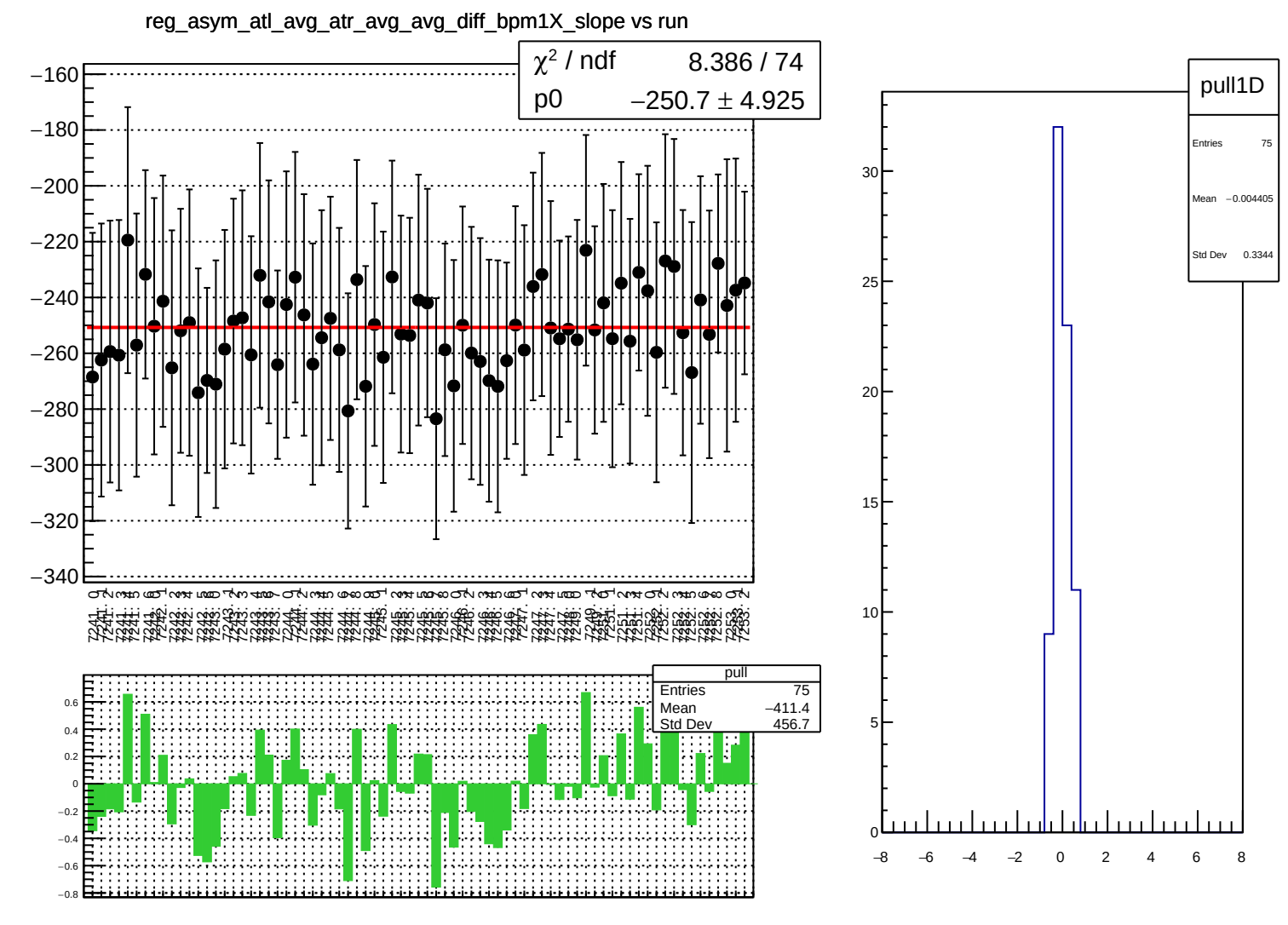

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs run
χ² / ndf 67.96 / 74
p0 64.61 ± 1.507
pull
Entries 75
Mean 66.02
Std Dev 71.38
pull1D
Entries 75
Mean 0.003824
Std Dev 0.9519

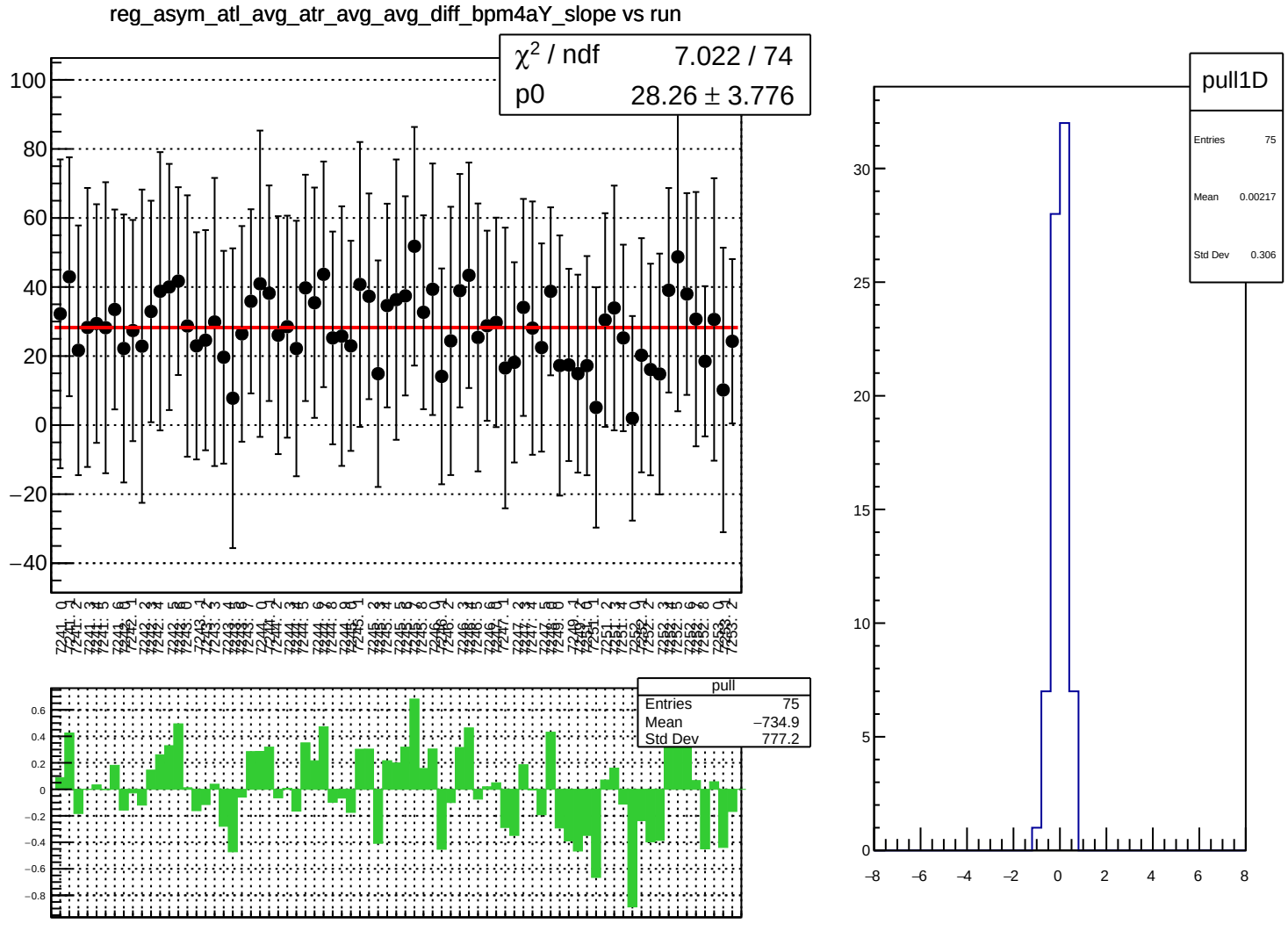

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs run
χ² / ndf 75.75 / 74
p0 2.26 ± 1.197
pull
Entries 75
Mean −74.56
Std Dev 121

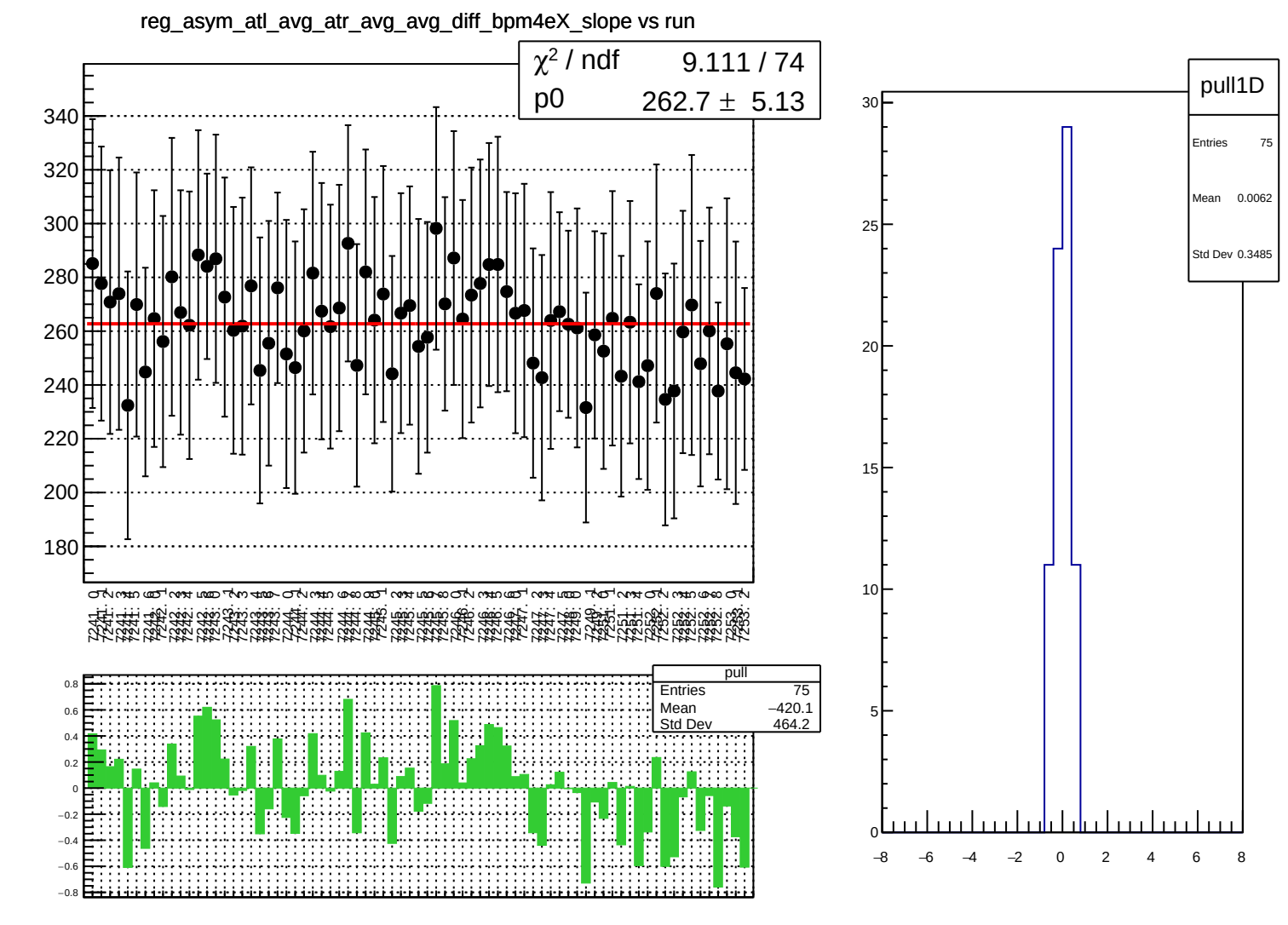

pull1D
Entries 75
Mean 0.01515
Std Dev 1.005

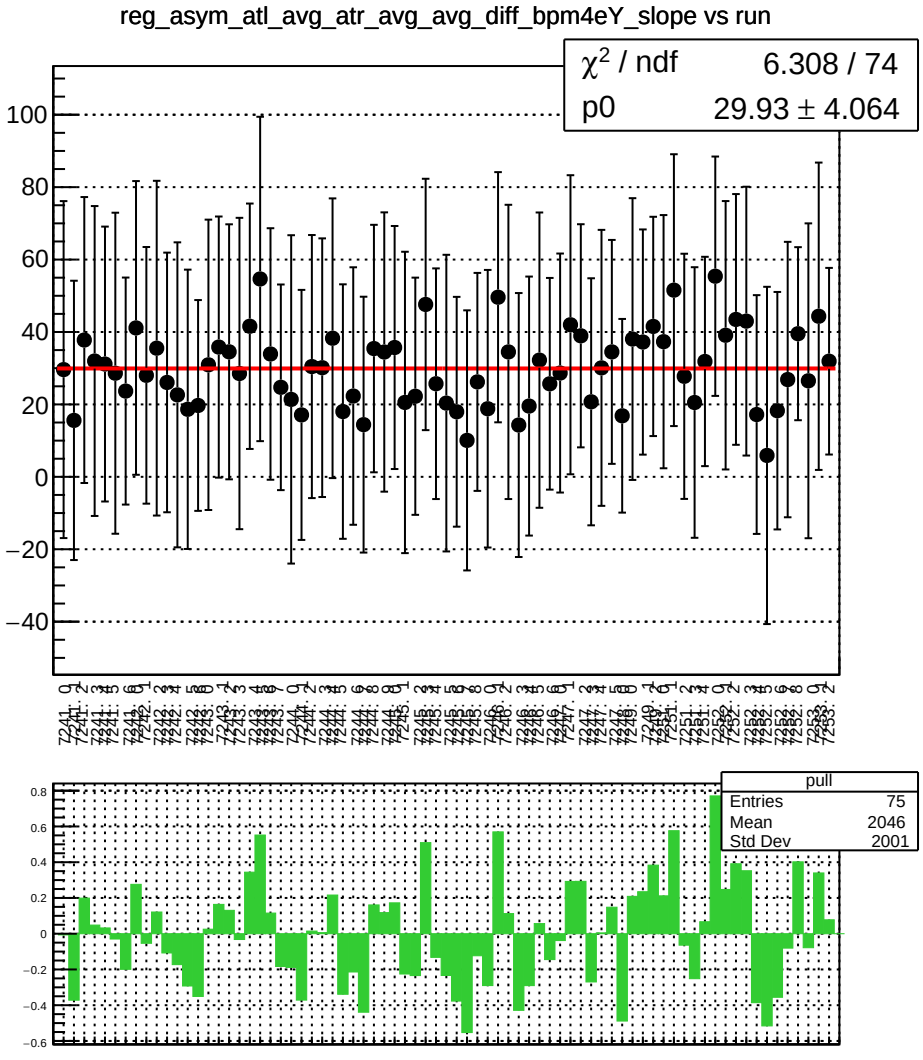

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs run
χ² / ndf 67.56 / 74
p0 −5.368 ± 0.05459
pull
Entries 75
Mean −375.1
Std Dev 273.2

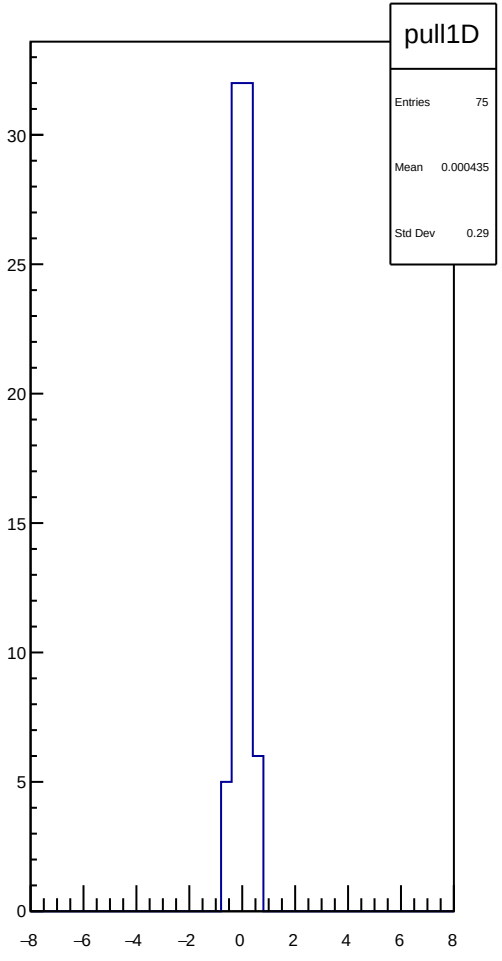

pull1D
Entries 75
Mean 0.001007
Std Dev 0.9491

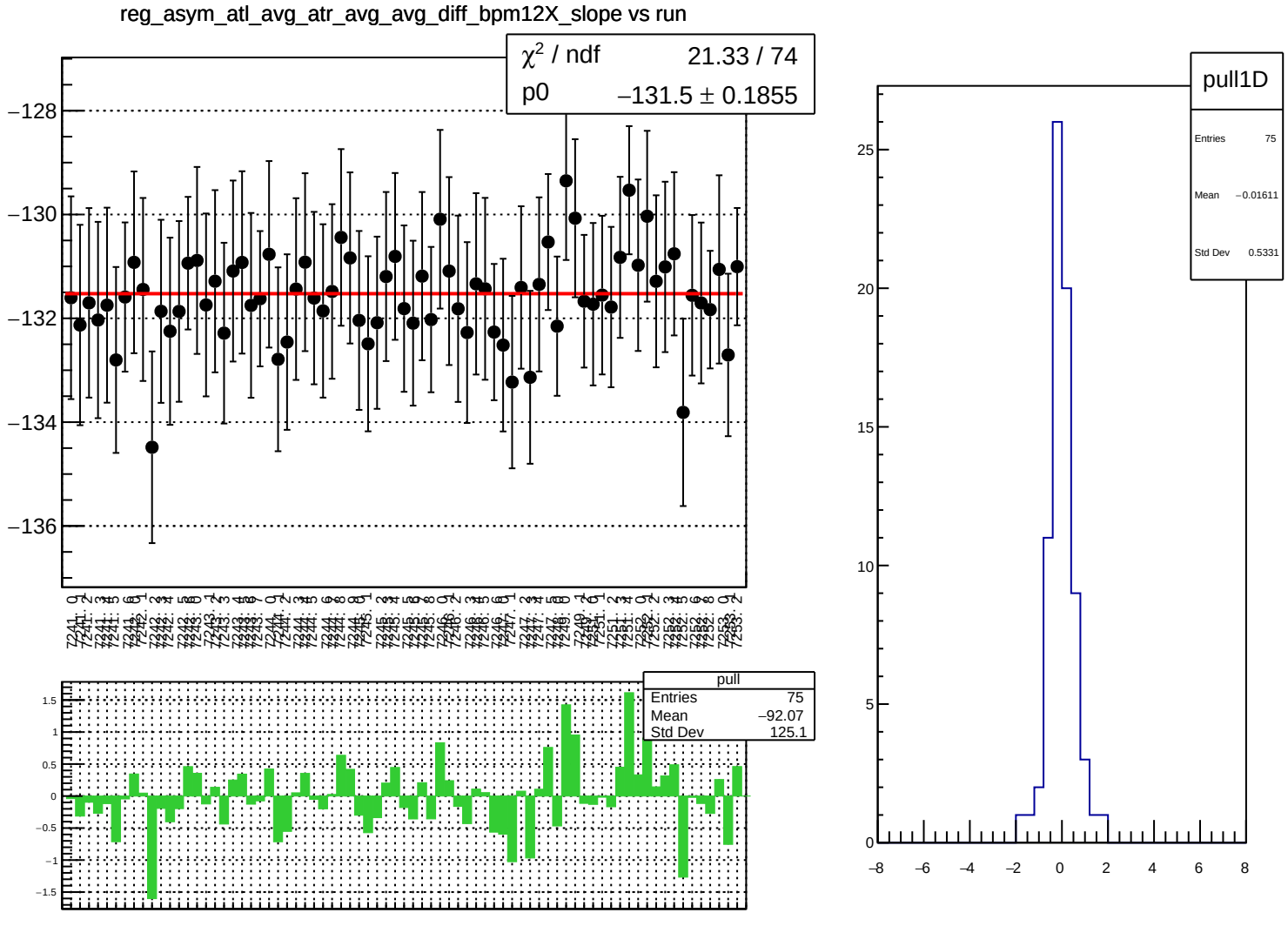

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs run
χ² / ndf 8.386 / 74
p0 −250.7 ± 4.925
pull
Entries 75
Mean −411.4
Std Dev 456.7
pull1D
Entries 75
Mean −0.004405
Std Dev 0.3344

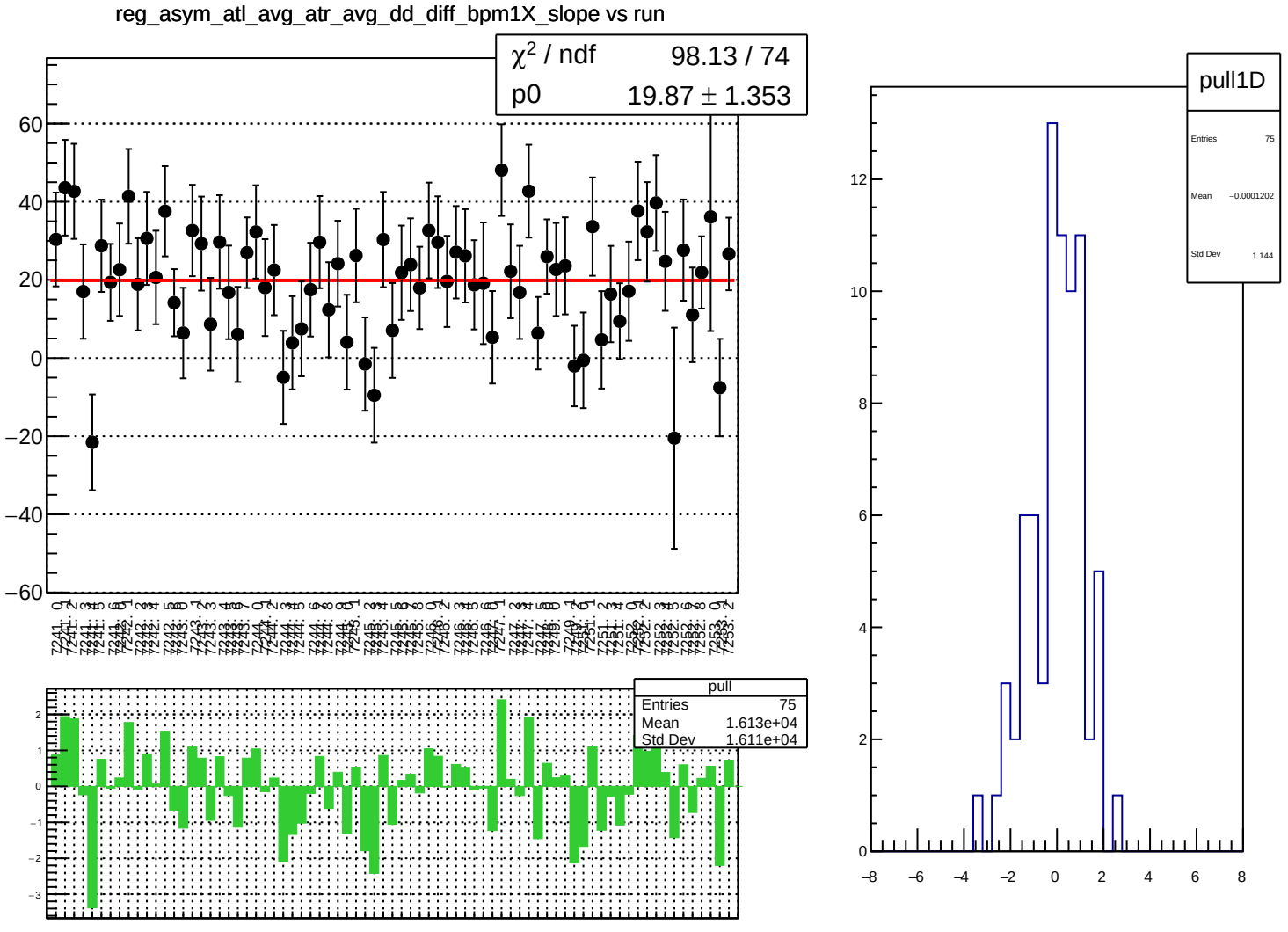

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs run
χ² / ndf 7.022 / 74
p0 28.26 ± 3.776
pull
Entries 75
Mean −734.9
Std Dev 777.2
pull1D
Entries 75
Mean 0.00217
Std Dev 0.306

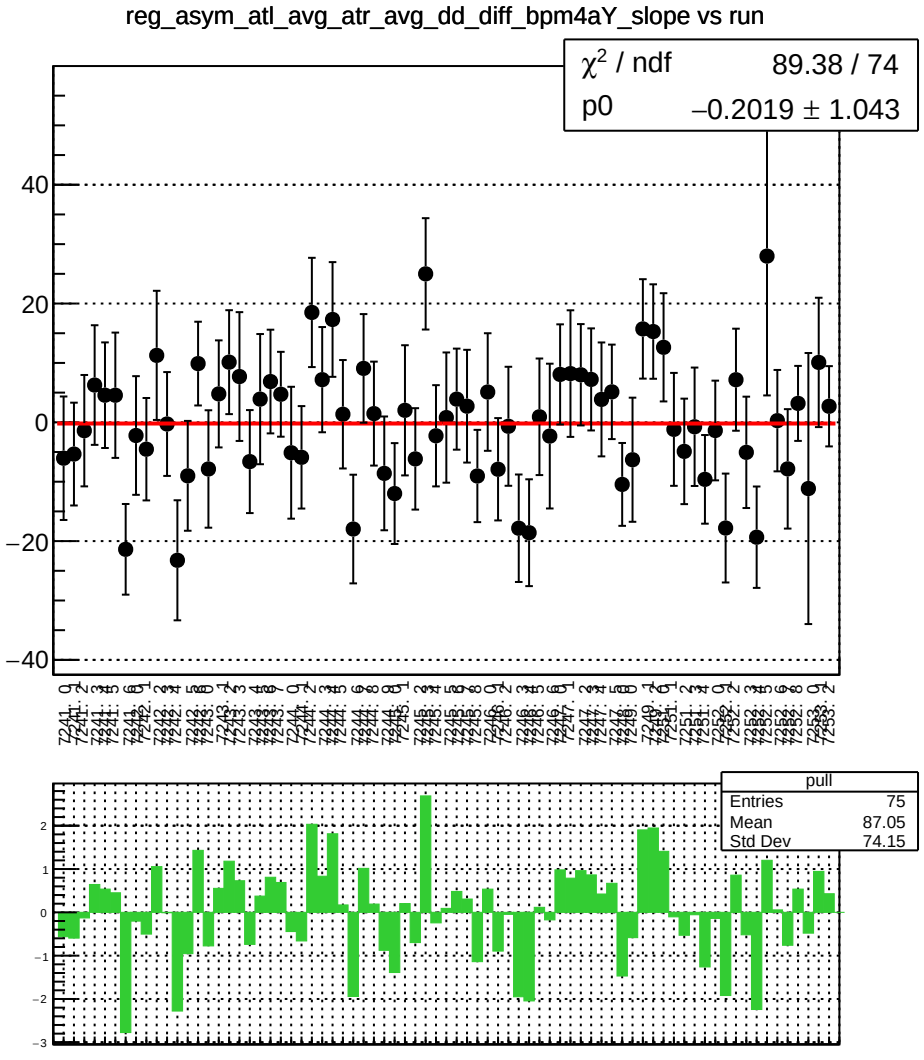

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs run
χ² / ndf 9.111 / 74
p0 262.7 ± 5.13
pull
Entries 75
Mean −420.1
Std Dev 464.2
pull1D
Entries 75
Mean 0.0062
Std Dev 0.3485

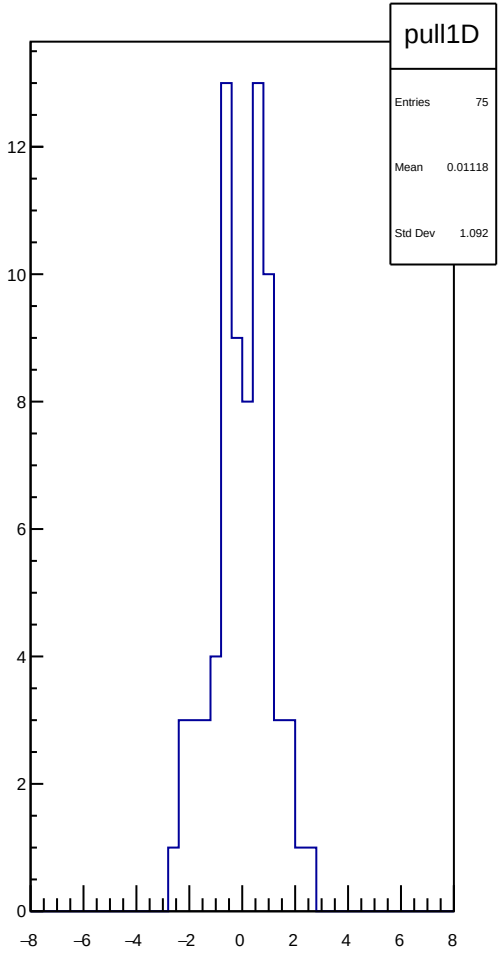

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.308 / 74
p0 29.93 ± 4.064
pull
Entries 75
Mean 2046
Std Dev 2001

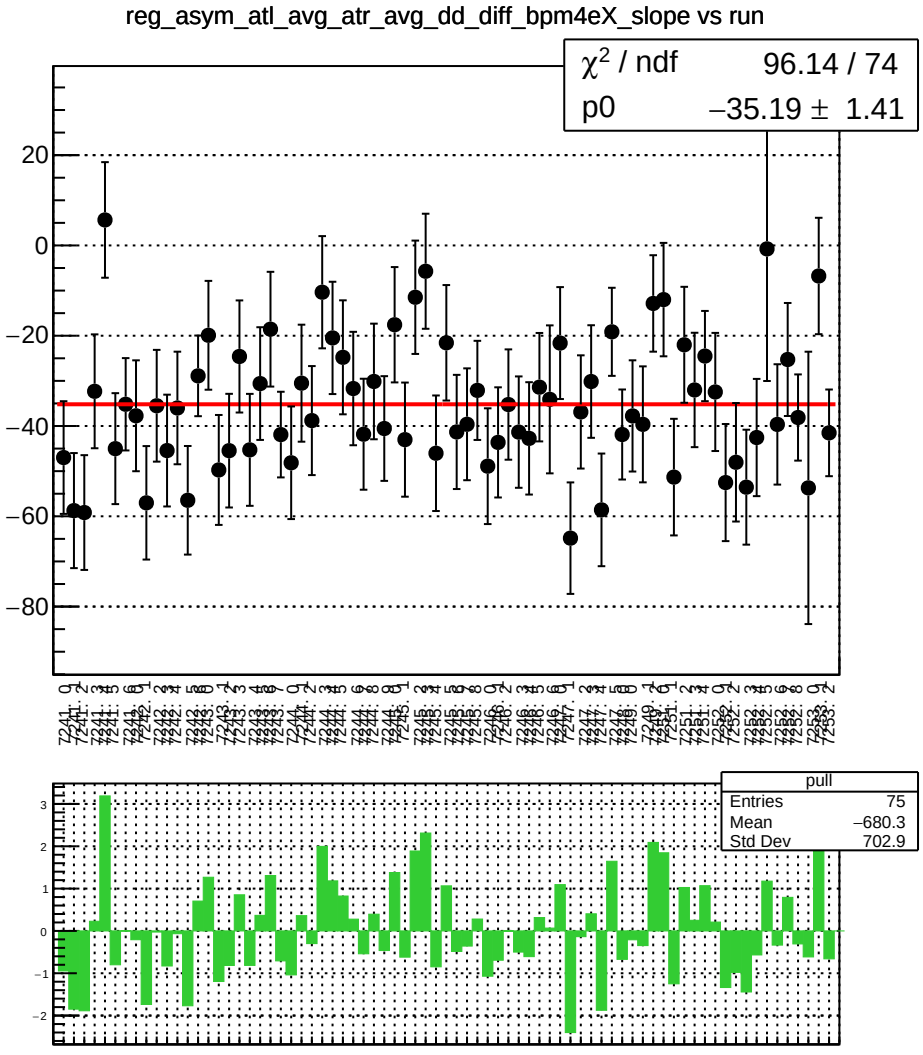

pull1D
Entries 75
Mean 0.000435
Std Dev 0.29

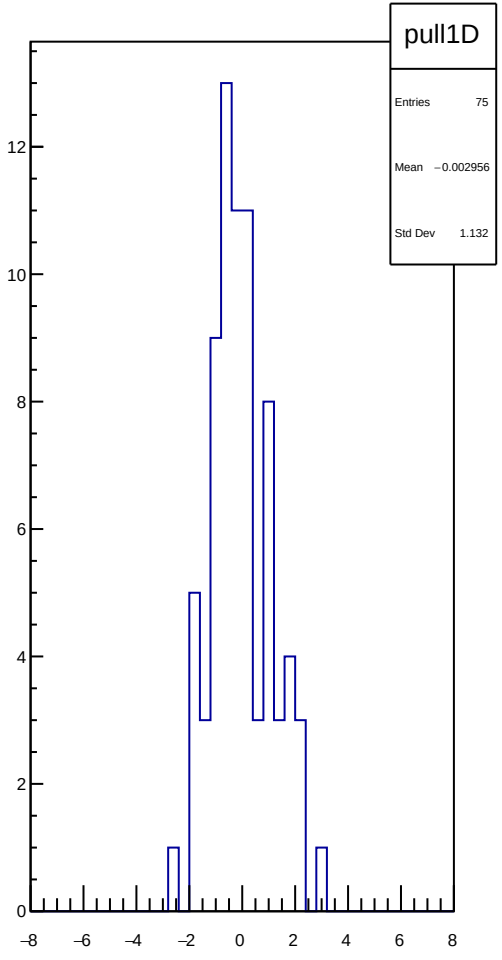

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs run
χ² / ndf 21.33 / 74
p0 −131.5 ± 0.1855
−128
−130
−132
−134
−136
pull
Entries 75
Mean −92.07
Std Dev 125.1
1.5
1
0.5
0
−0.5
−1
−1.5
pull1D
Entries 75
Mean −0.01611
Std Dev 0.5331
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

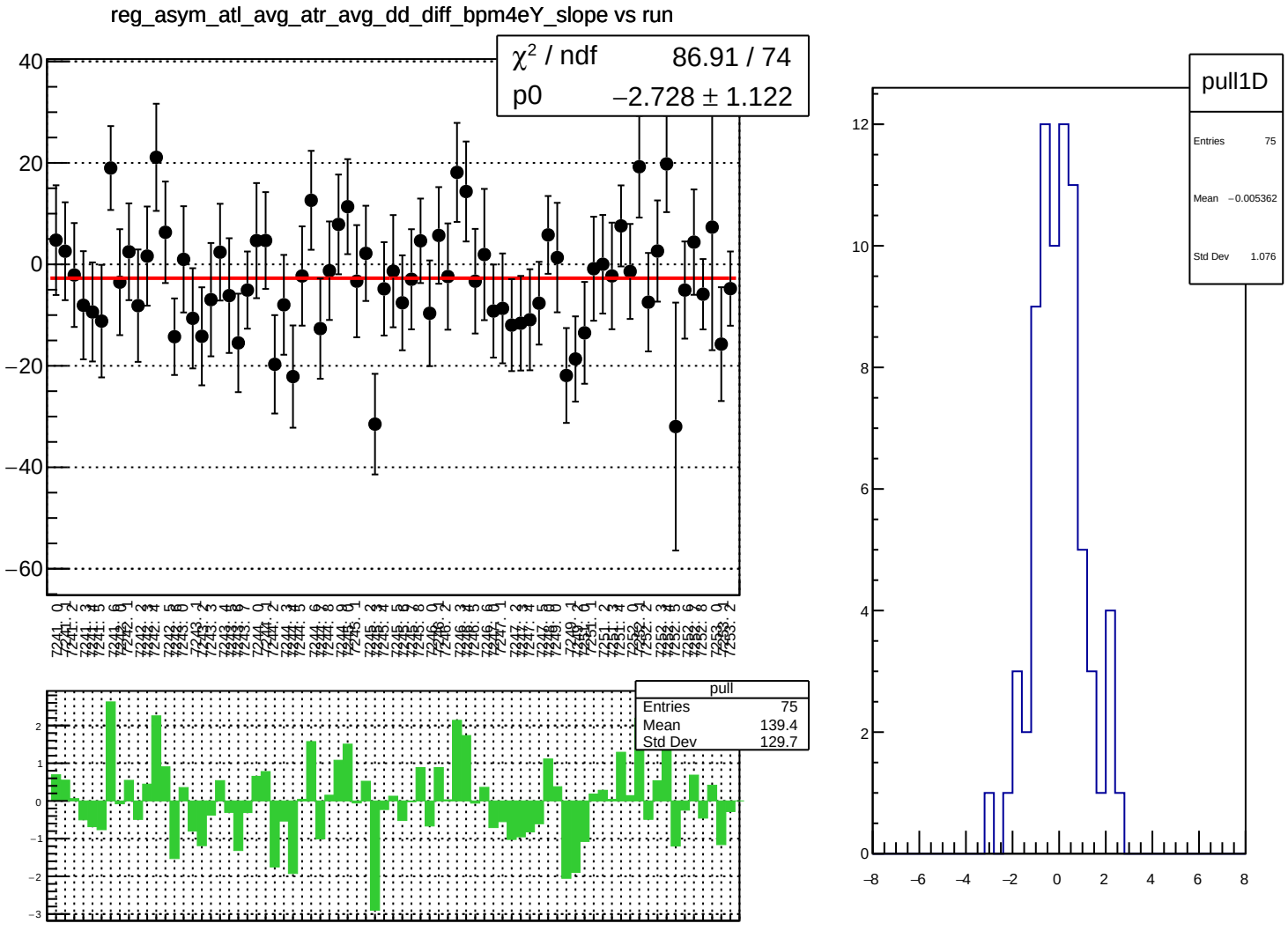

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs run
χ² / ndf 98.13 / 74
p0 19.87 ± 1.353
pull
Entries 75
Mean 1.613e+04
Std Dev 1.611e+04
pull1D
Entries 75
Mean −0.0001202
Std Dev 1.144

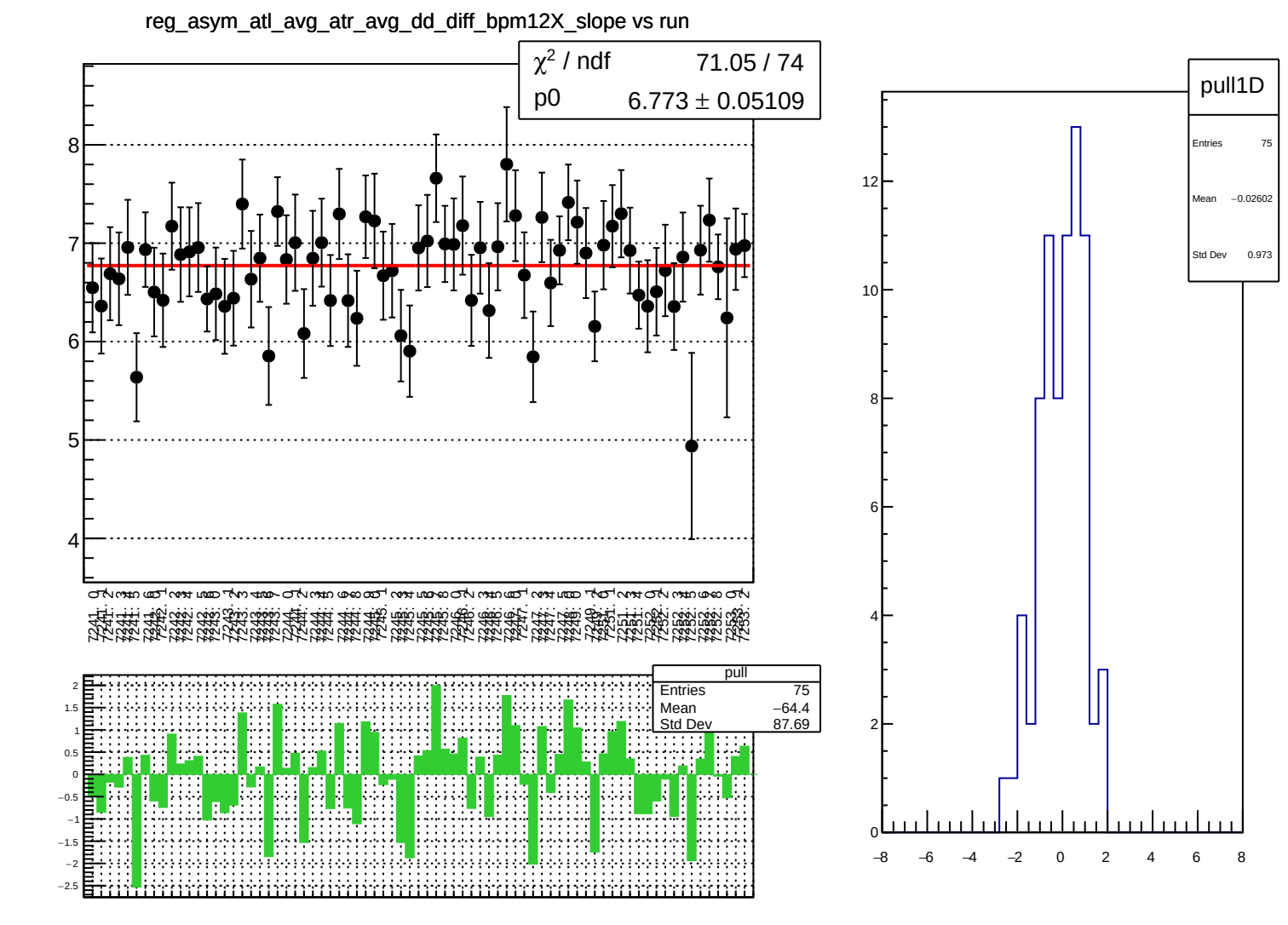

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs run
χ² / ndf 89.38 / 74
p0 −0.2019 ± 1.043
pull
Entries 75
Mean 87.05
Std Dev 74.15

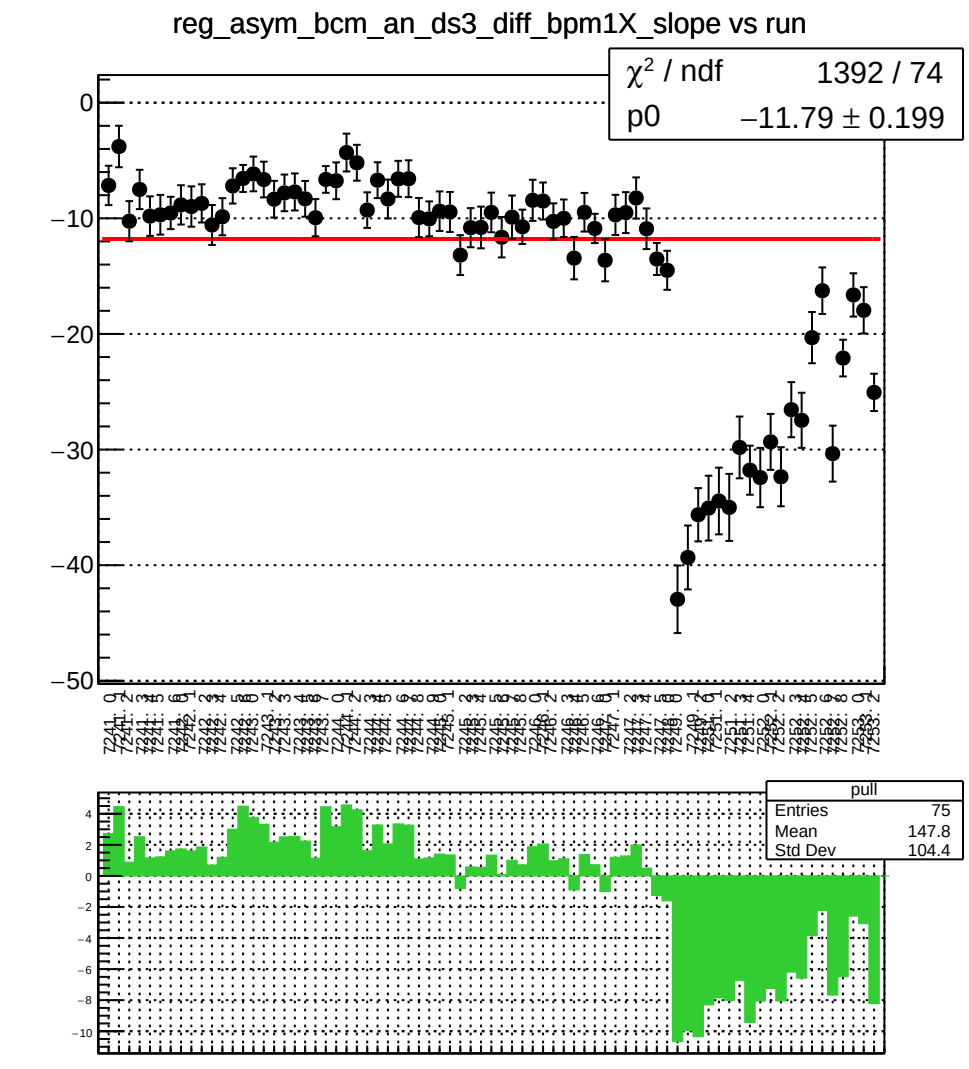

pull1D
Entries 75
Mean 0.01118
Std Dev 1.092

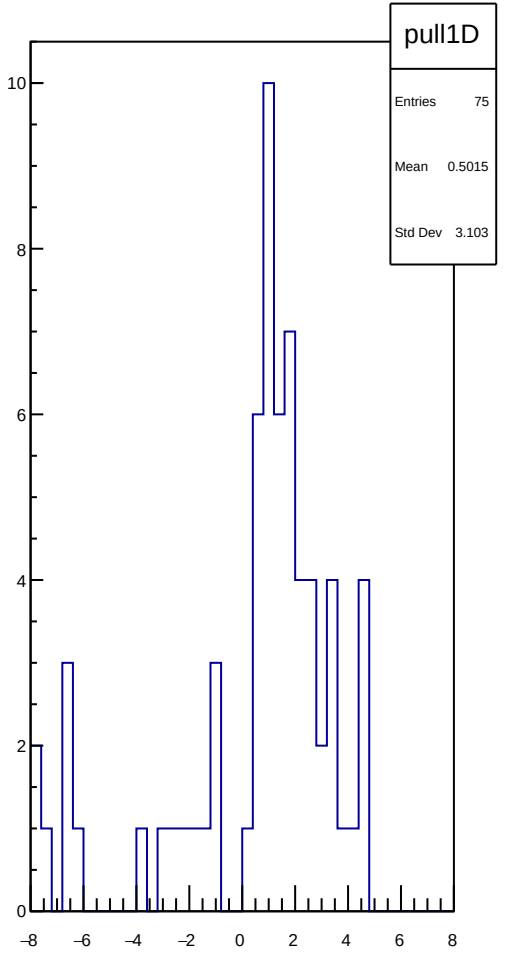

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs run
χ² / ndf 96.14 / 74
p0 −35.19 ± 1.41
pull
Entries 75
Mean −680.3
Std Dev 702.9

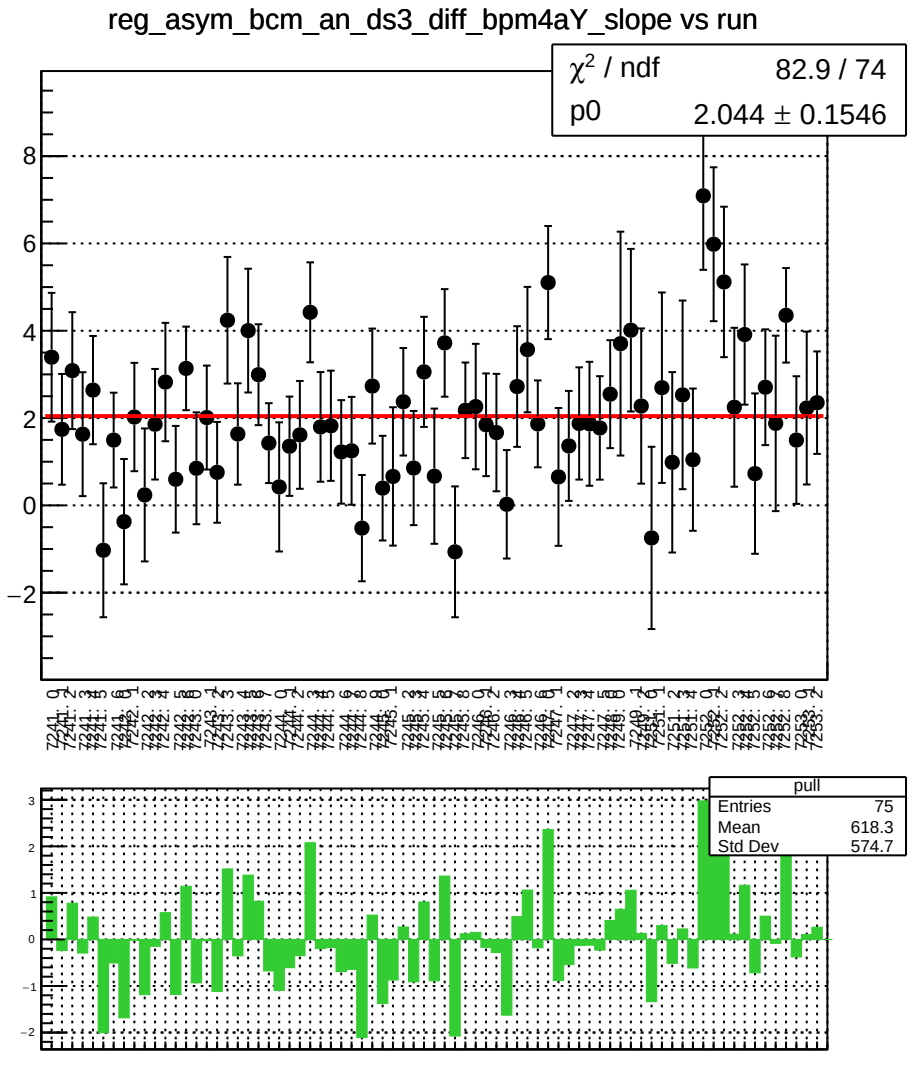

pull1D
Entries 75
Mean −0.002956
Std Dev 1.132

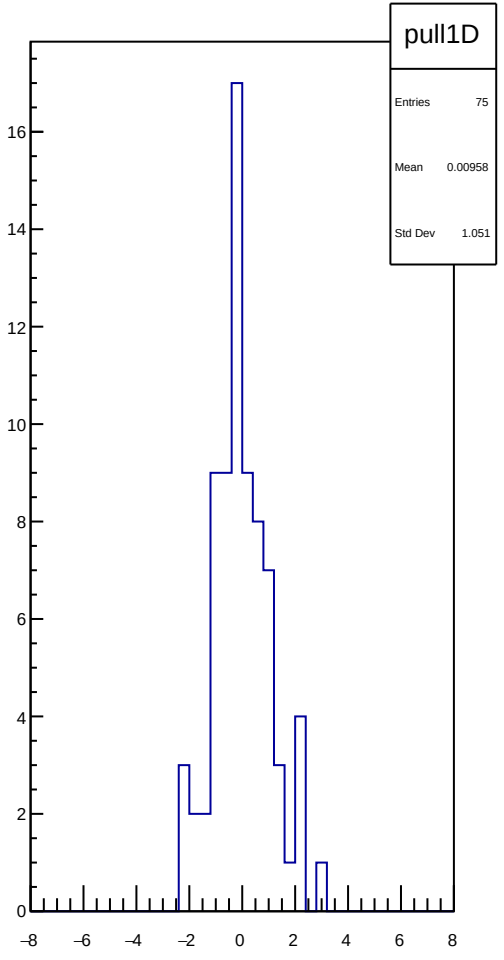

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs run
χ² / ndf 86.91 / 74
p0 −2.728 ± 1.122
pull
Entries 75
Mean 139.4
Std Dev 129.7
pull1D
Entries 75
Mean −0.005362
Std Dev 1.076

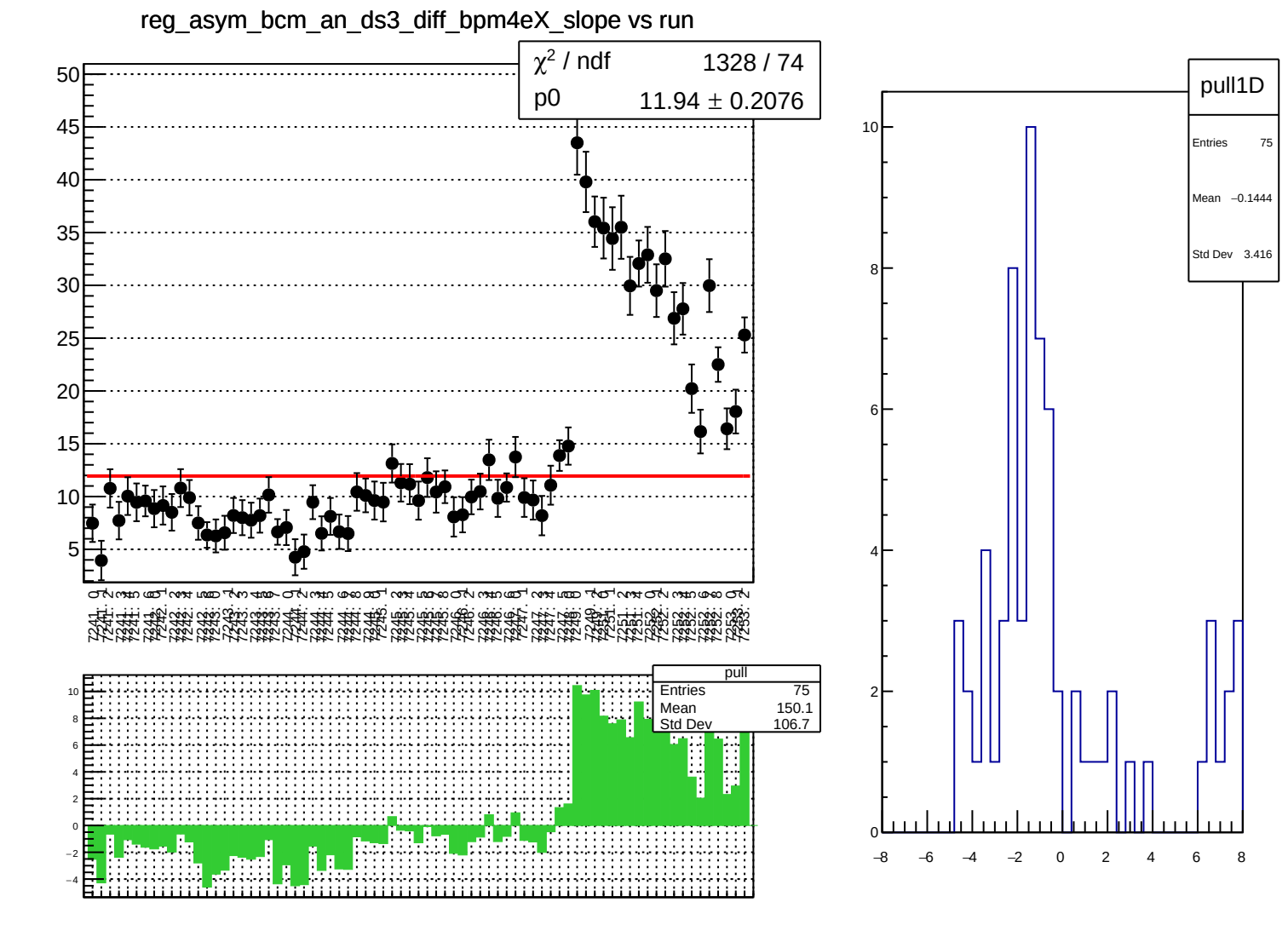

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs run
χ² / ndf 71.05 / 74
p0 6.773 ± 0.05109
pull
Entries 75
Mean −64.4
Std Dev 87.69
pull1D
Entries 75
Mean −0.02602
Std Dev 0.973

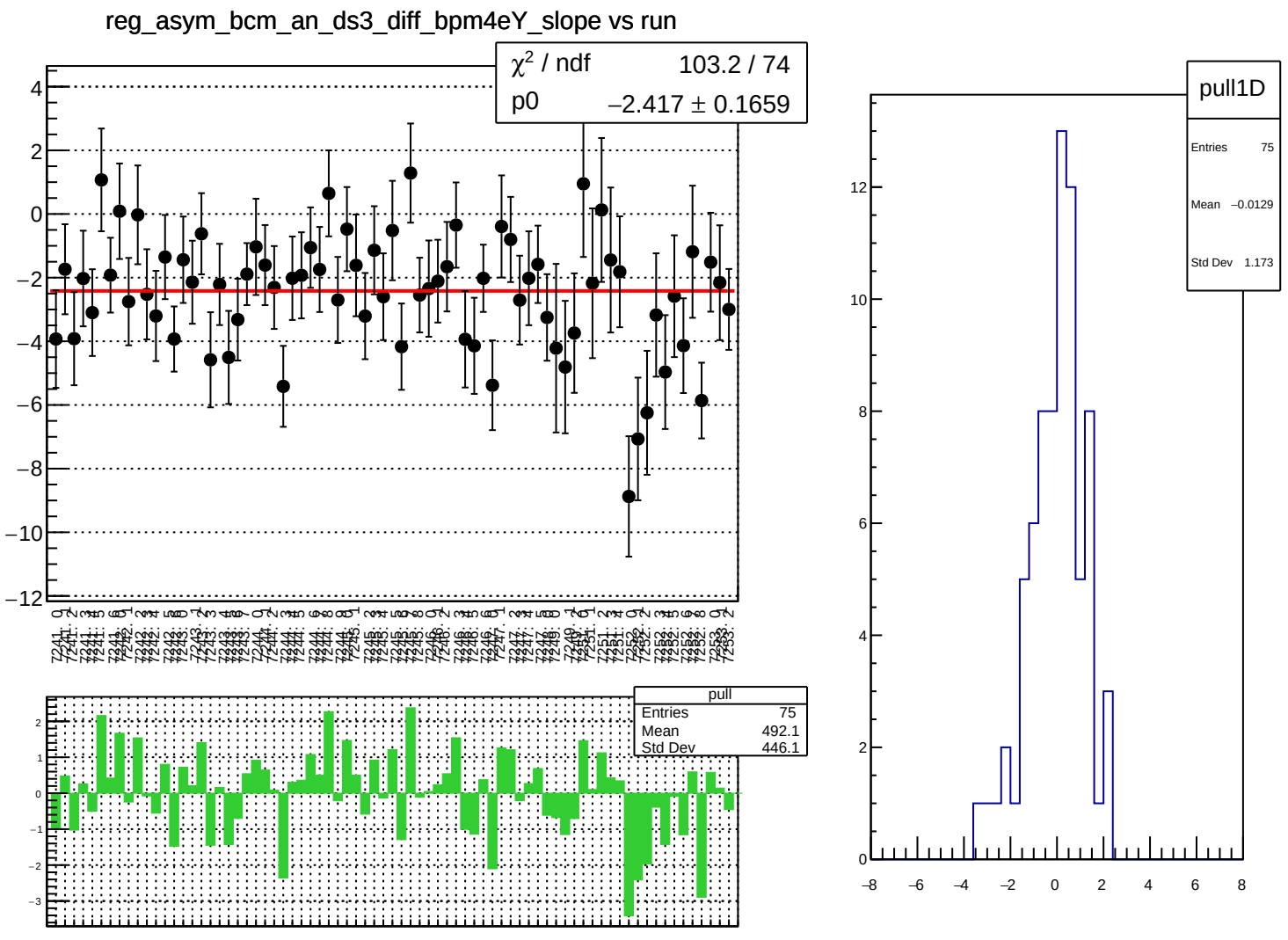

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs run
χ² / ndf 1392 / 74
p0 −11.79 ± 0.199
pull
Entries 75
Mean 147.8
Std Dev 104.4

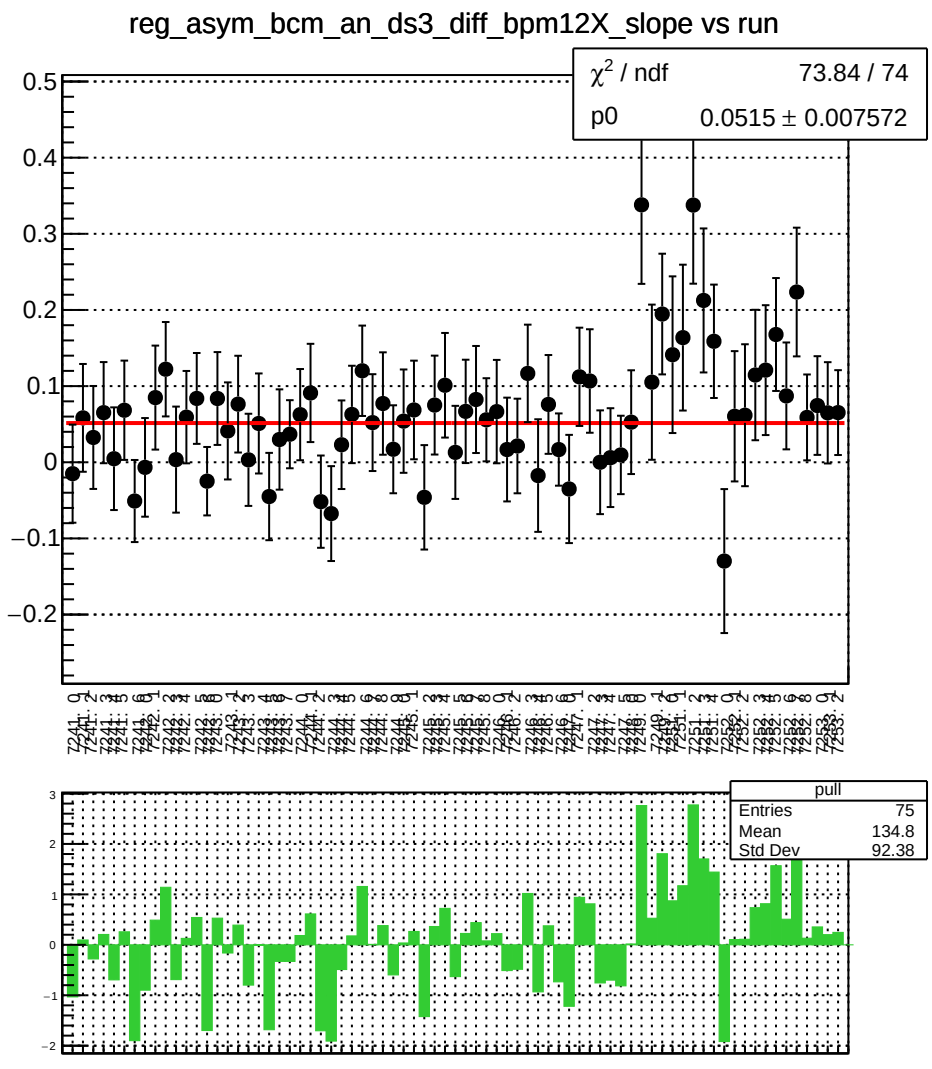

pull1D
Entries 75
Mean 0.5015
Std Dev 3.103

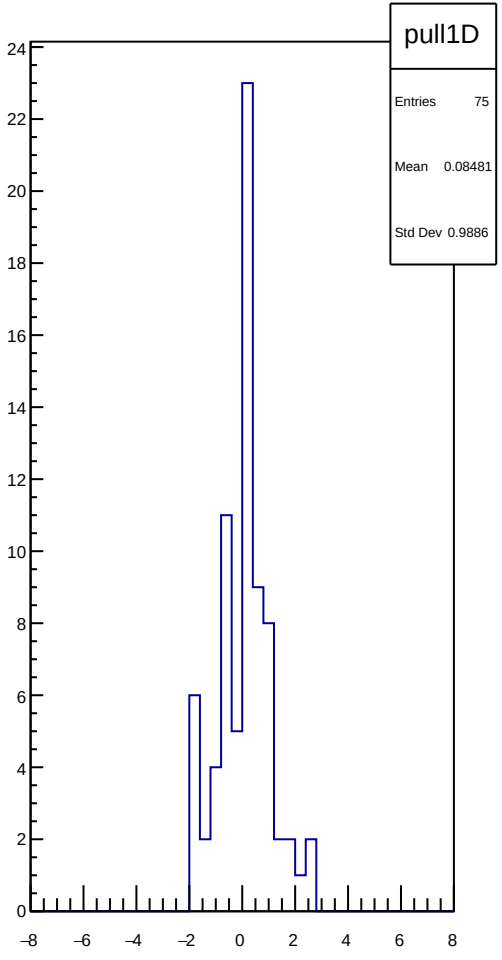

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs run
χ² / ndf 82.9 / 74
p0 2.044 ± 0.1546
pull
Entries 75
Mean 618.3
Std Dev 574.7

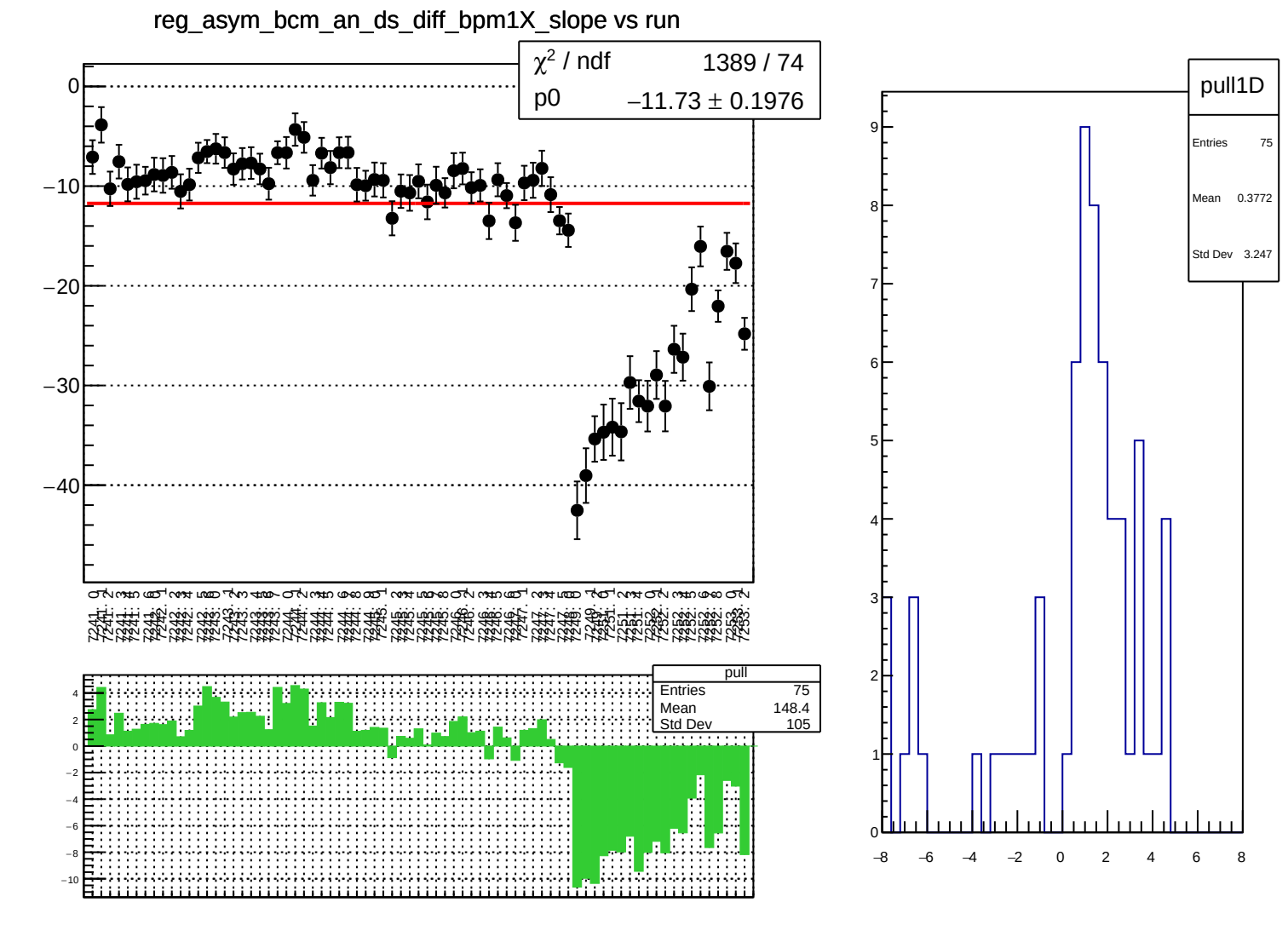

pull1D
Entries 75
Mean 0.00958
Std Dev 1.051

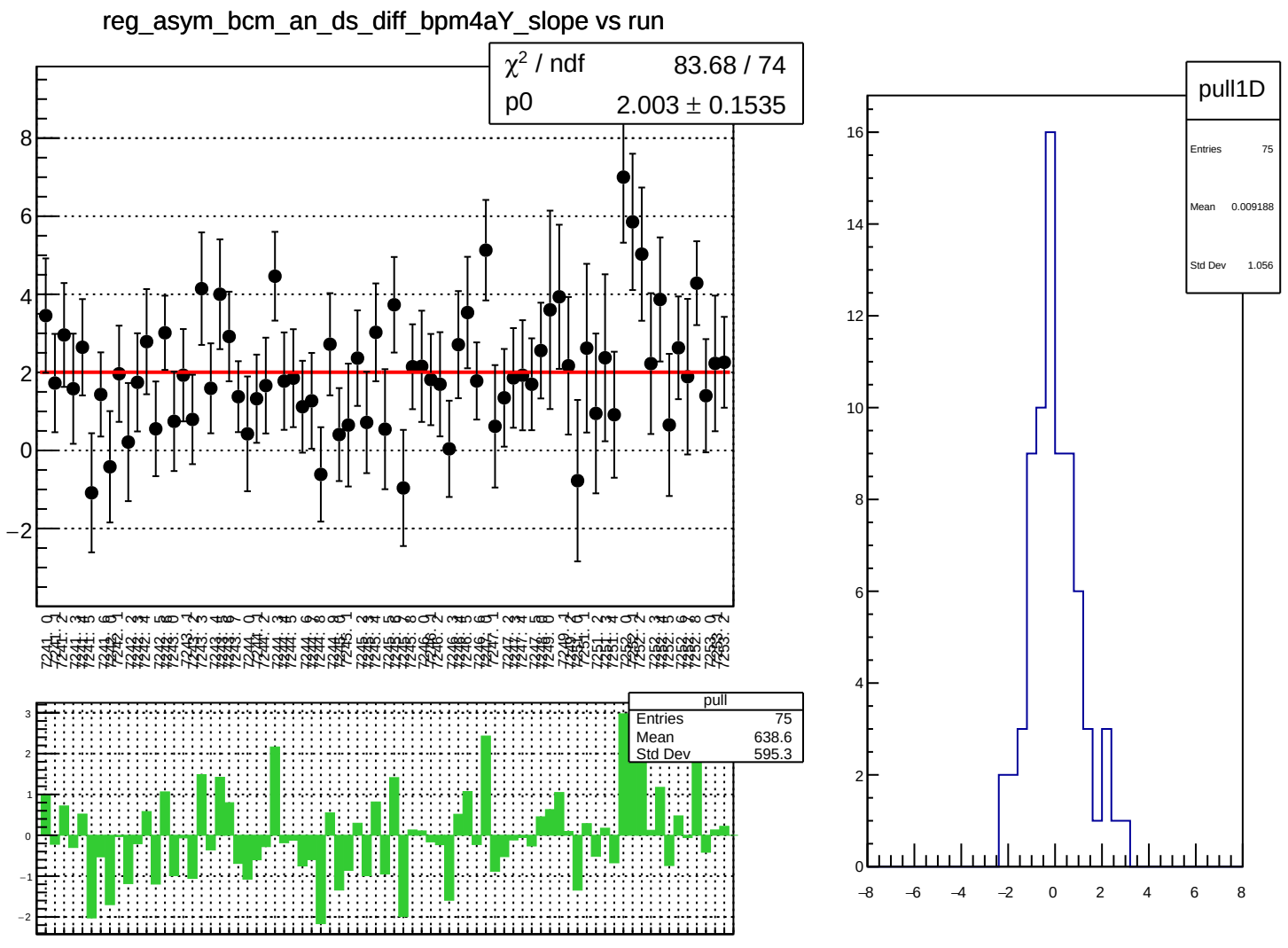

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs run
χ² / ndf 1328 / 74
p0 11.94 ± 0.2076
pull
Entries 75
Mean 150.1
Std Dev 106.7
pull1D
Entries 75
Mean −0.1444
Std Dev 3.416

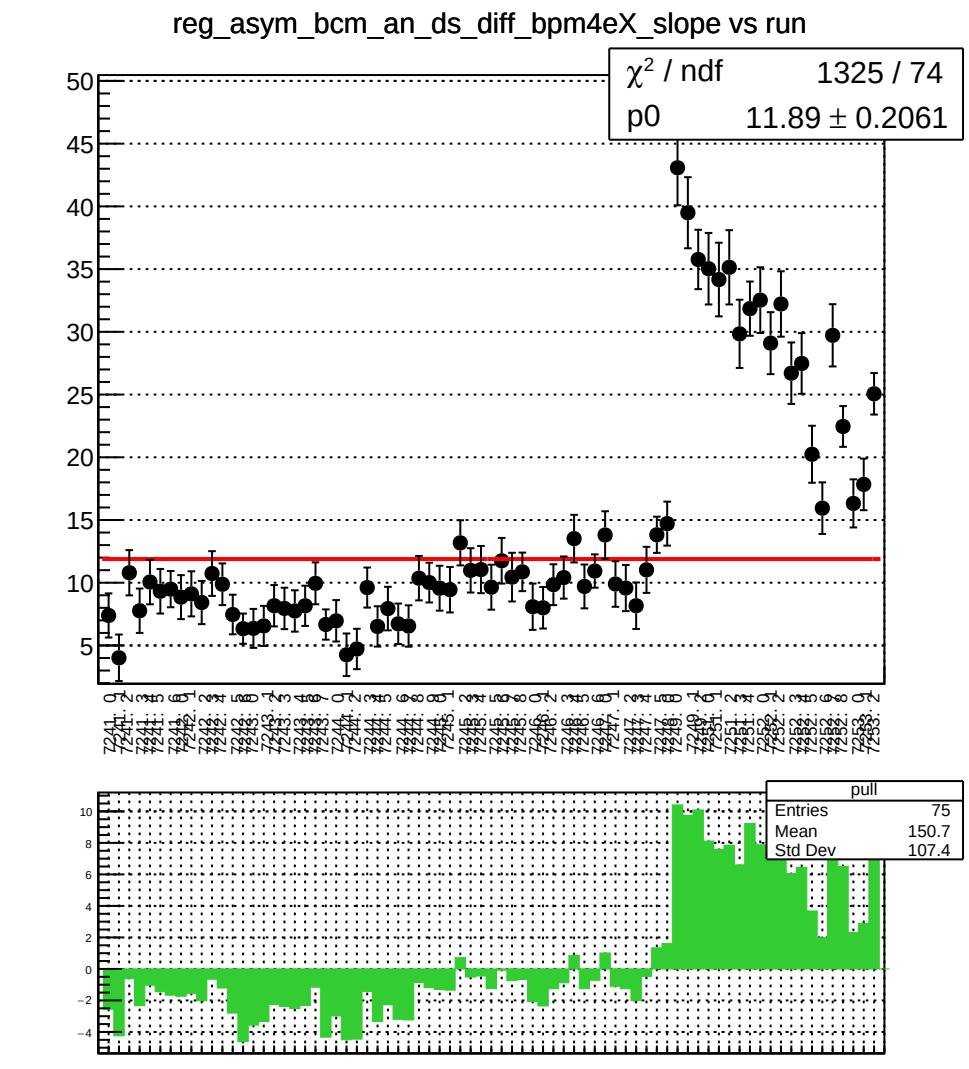

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs run
χ² / ndf 103.2 / 74
p0 −2.417 ± 0.1659
pull
Entries 75
Mean 492.1
Std Dev 446.1
pull1D
Entries 75
Mean −0.0129
Std Dev 1.173

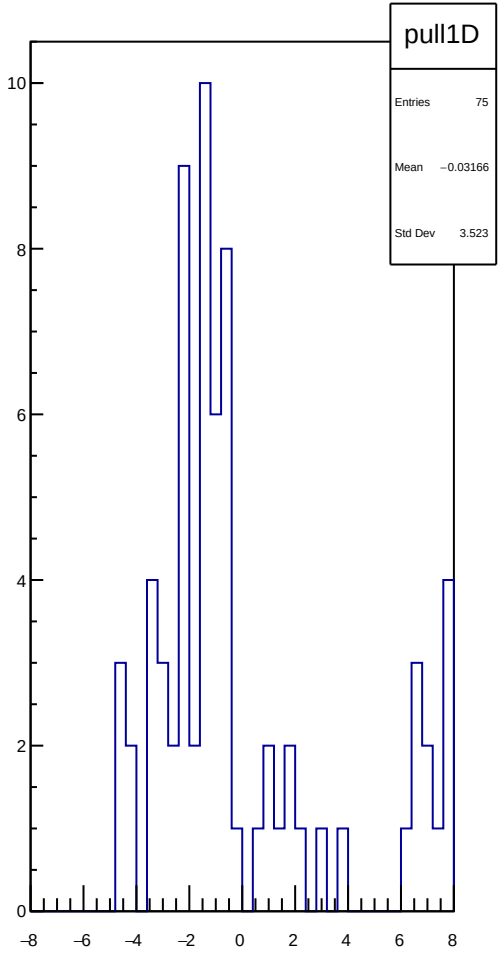

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs run
χ² / ndf 73.84 / 74
p0 0.0515 ± 0.007572
pull
Entries 75
Mean 134.8
Std Dev 92.38

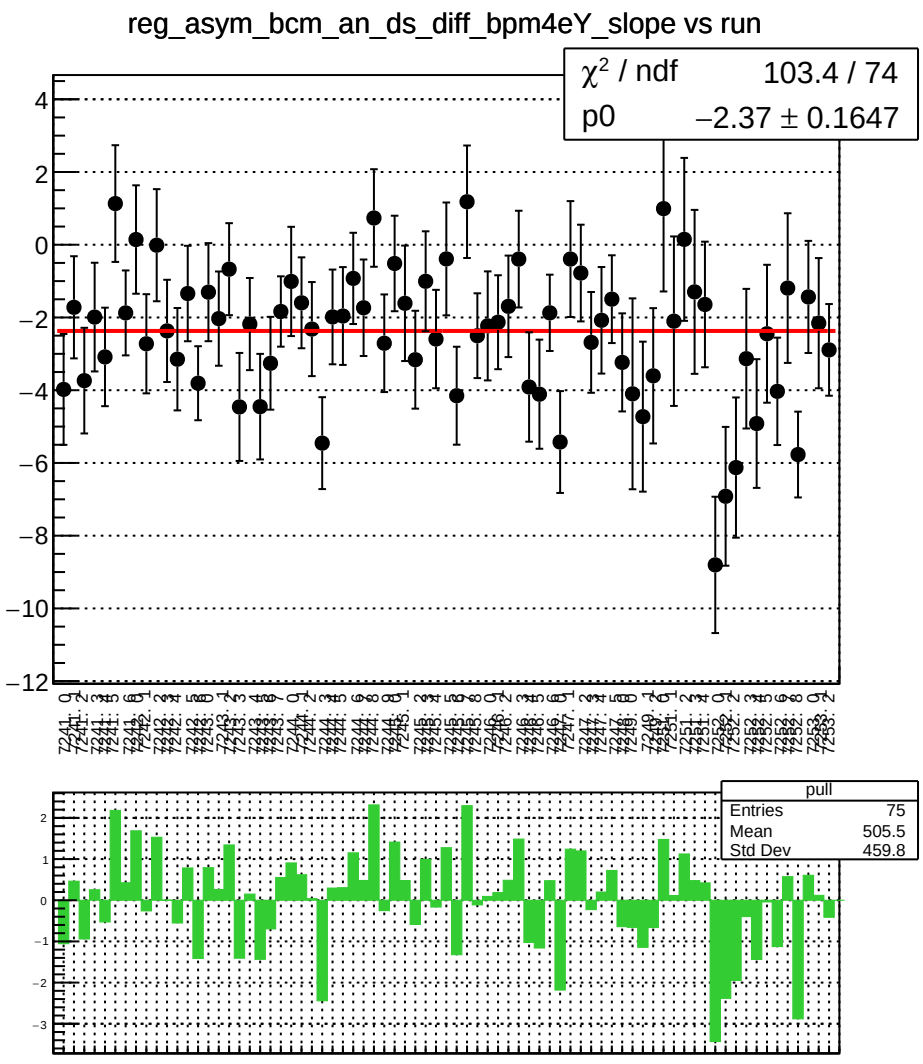

pull1D
Entries 75
Mean 0.08481
Std Dev 0.9886

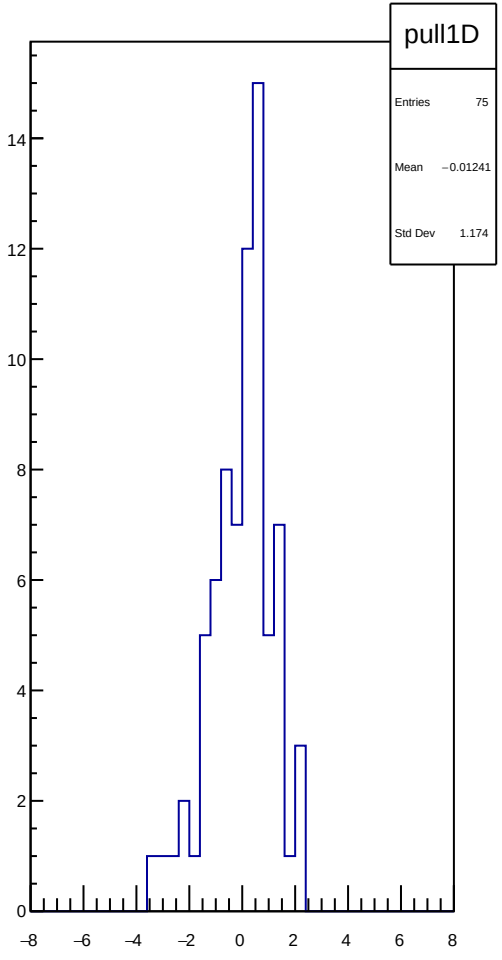

reg_asym_bcm_an_ds_diff_bpm1X_slope vs run
χ² / ndf 1389 / 74
p0 −11.73 ± 0.1976
pull
Entries 75
Mean 148.4
Std Dev 105
pull1D
Entries 75
Mean 0.3772
Std Dev 3.247

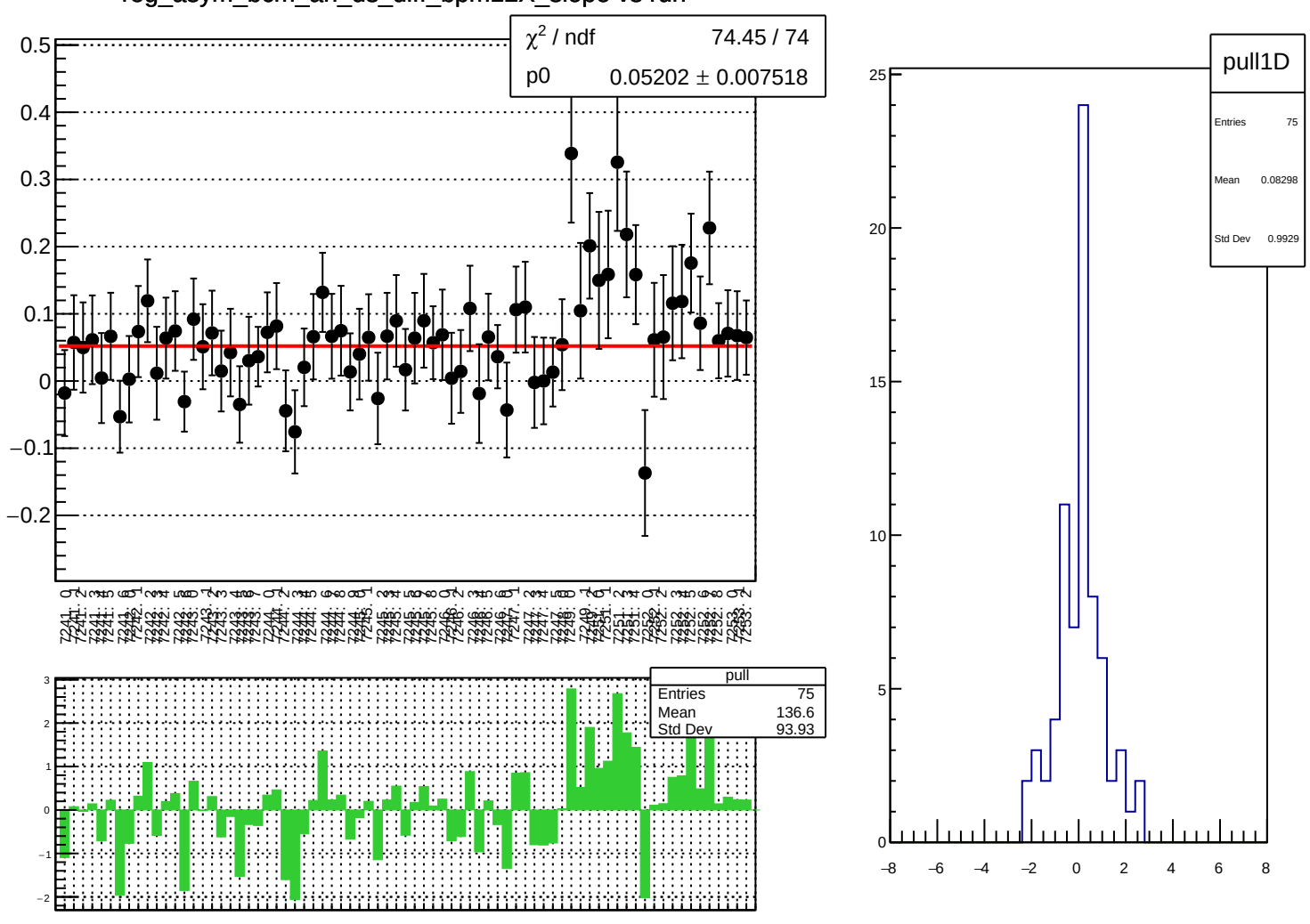

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs run
χ² / ndf 83.68 / 74
p0 2.003 ± 0.1535
pull
Entries 75
Mean 638.6
Std Dev 595.3
pull1D
Entries 75
Mean 0.009188
Std Dev 1.056

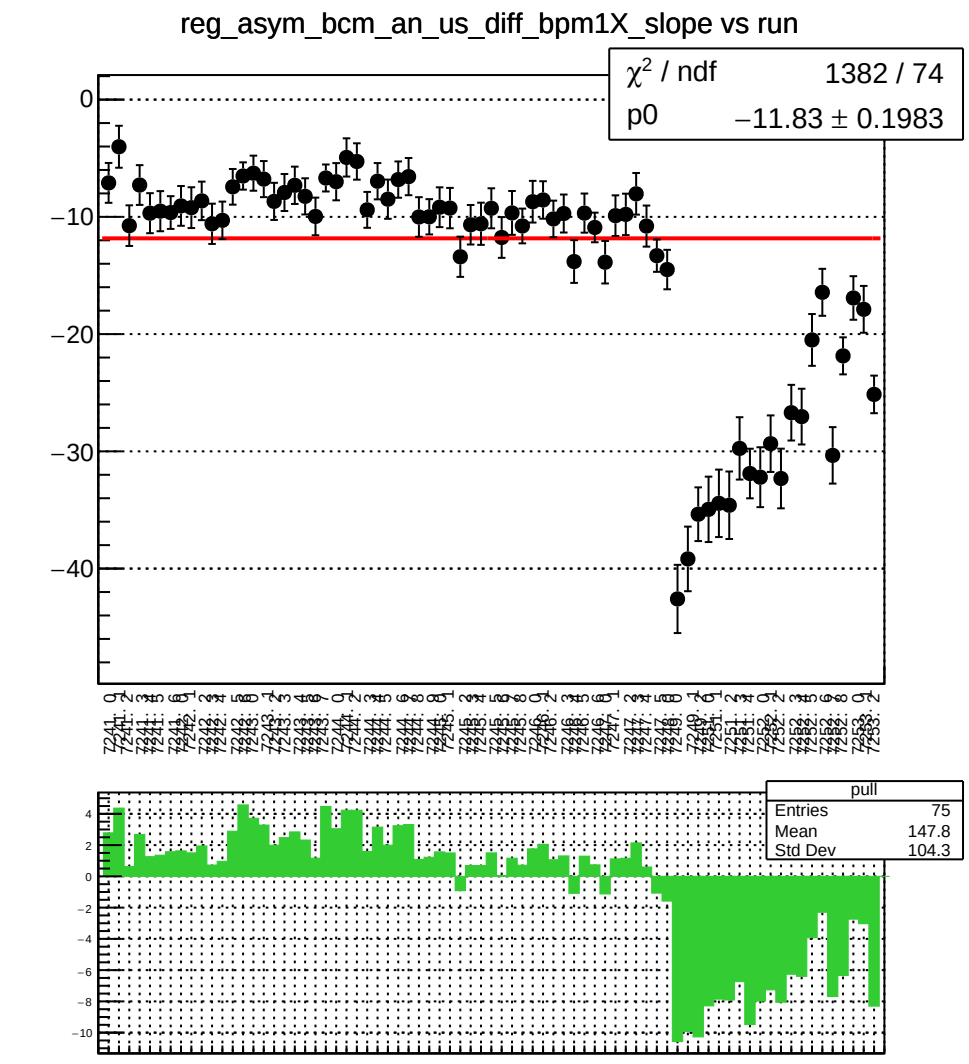

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs run
χ² / ndf 1325 / 74
p0 11.89 ± 0.2061
pull
Entries 75
Mean 150.7
Std Dev 107.4

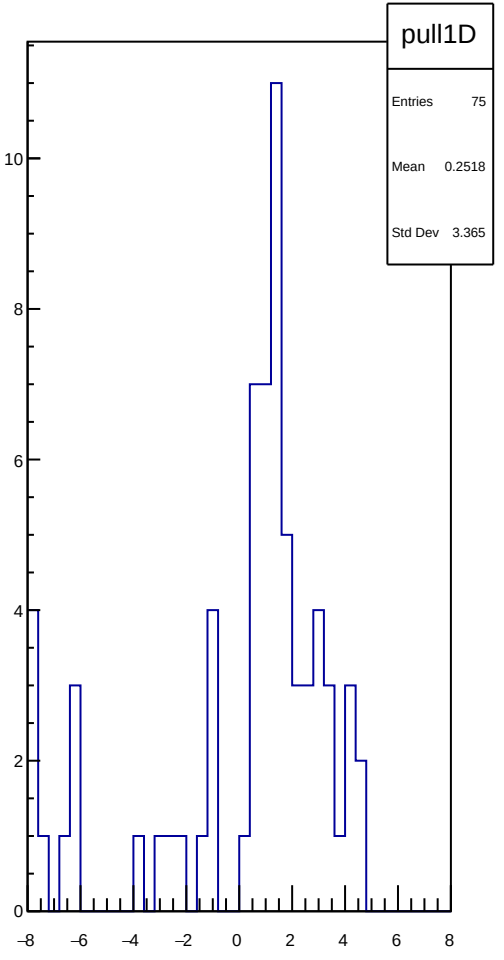

pull1D
Entries 75
Mean −0.03166
Std Dev 3.523

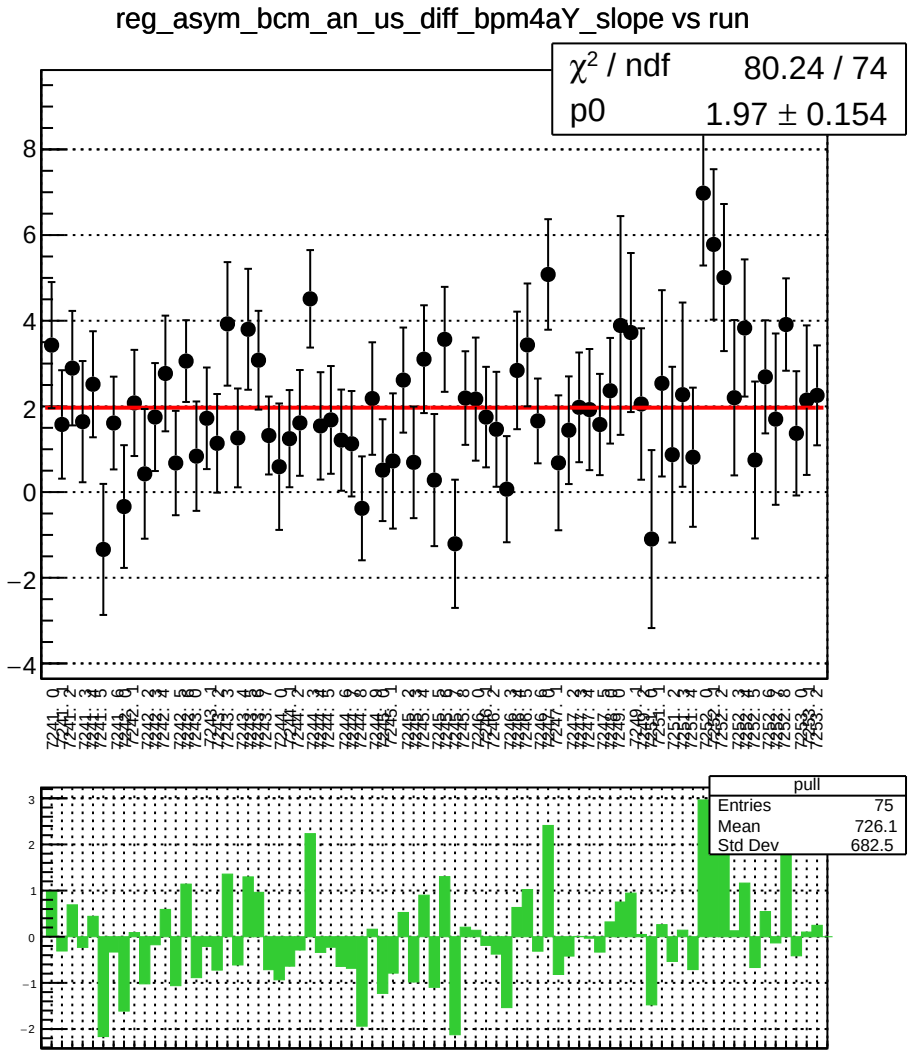

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs run
χ² / ndf 103.4 / 74
p0 −2.37 ± 0.1647
pull
Entries 75
Mean 505.5
Std Dev 459.8

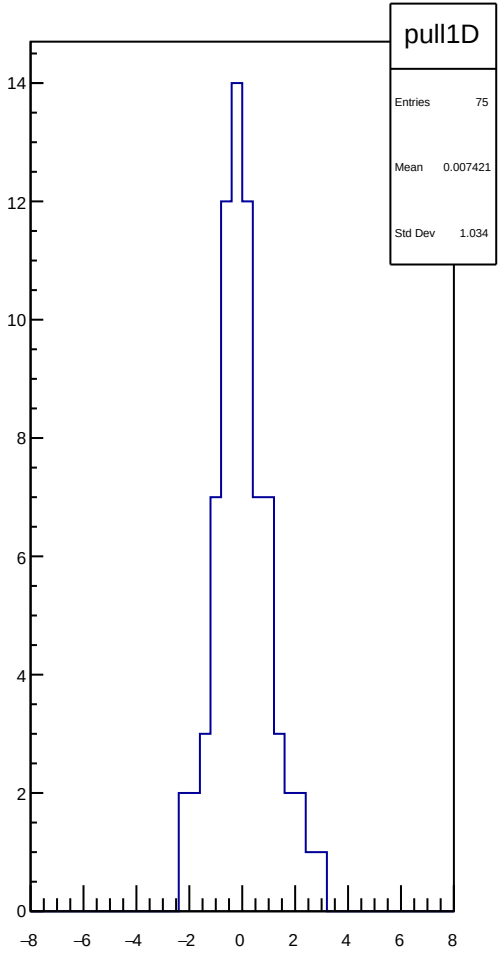

pull1D
Entries 75
Mean −0.01241
Std Dev 1.174

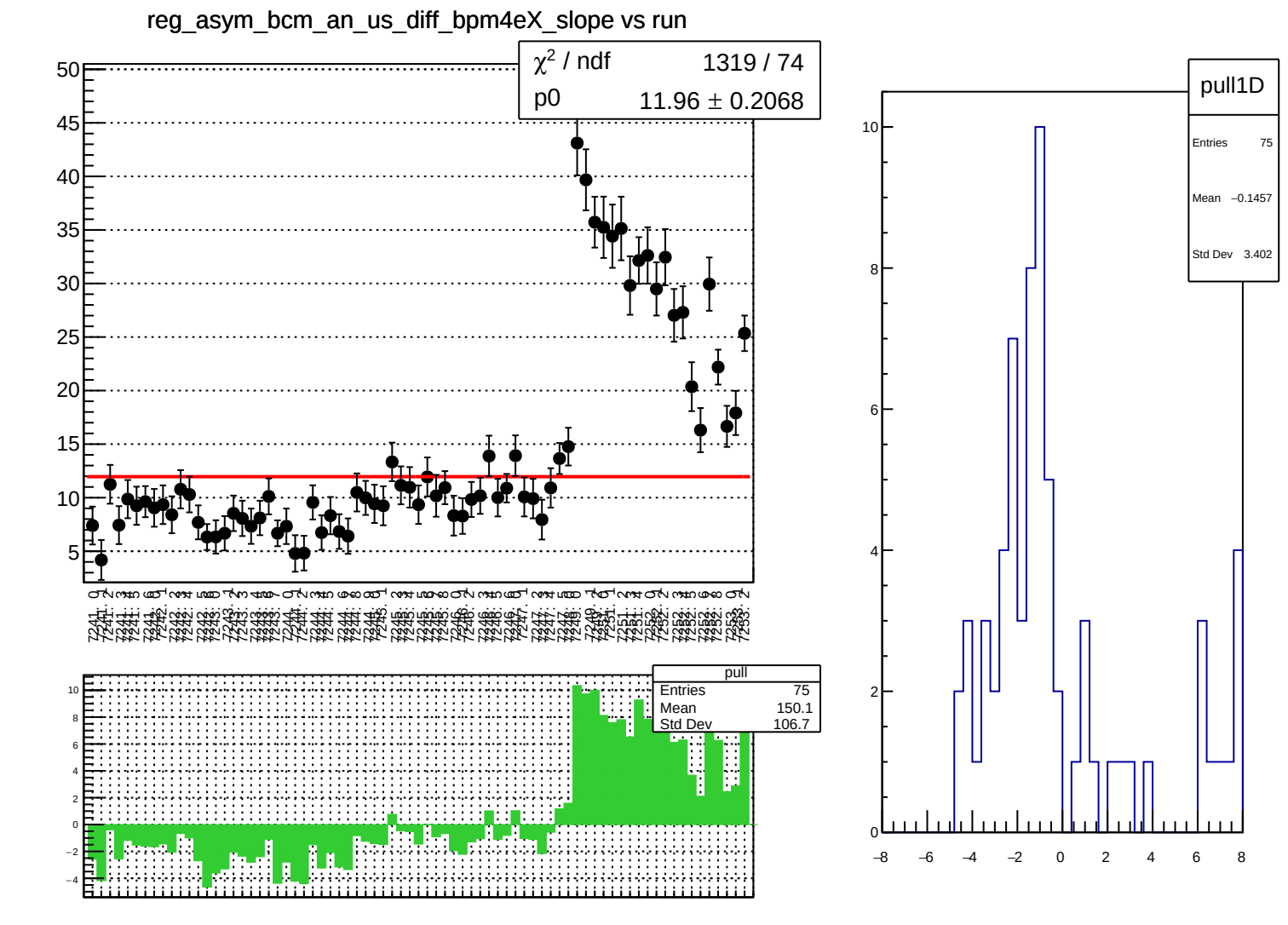

reg_asym_bcm_an_ds_diff_bpm12X_slope vs run
χ² / ndf 74.45 / 74
p0 0.05202 ± 0.007518
pull
Entries 75
Mean 136.6
Std Dev 93.93
pull1D
Entries 75
Mean 0.08298
Std Dev 0.9929

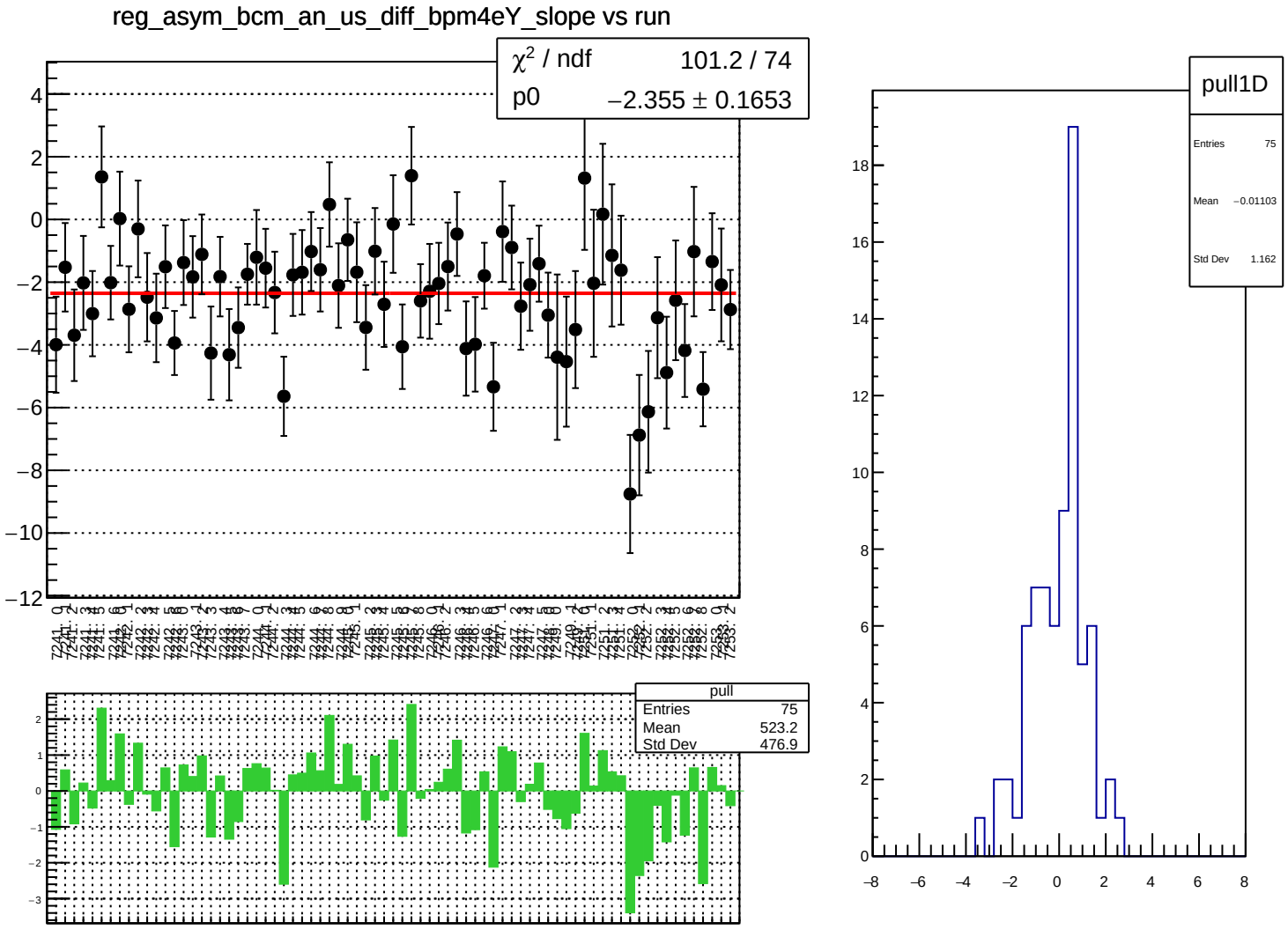

reg_asym_bcm_an_us_diff_bpm1X_slope vs run
χ² / ndf 1382 / 74
p0 −11.83 ± 0.1983
pull
Entries 75
Mean 147.8
Std Dev 104.3

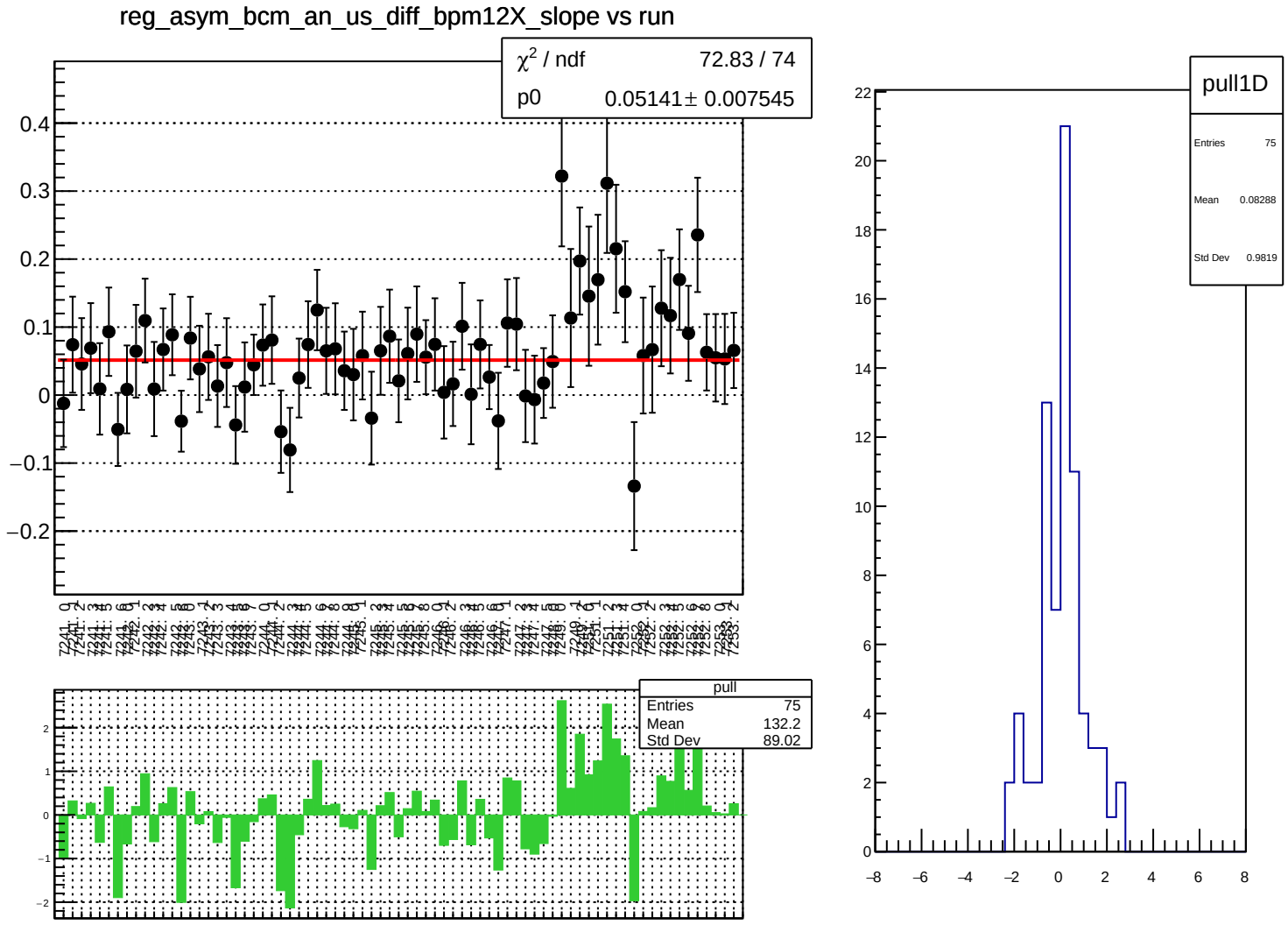

pull1D
Entries 75
Mean 0.2518
Std Dev 3.365

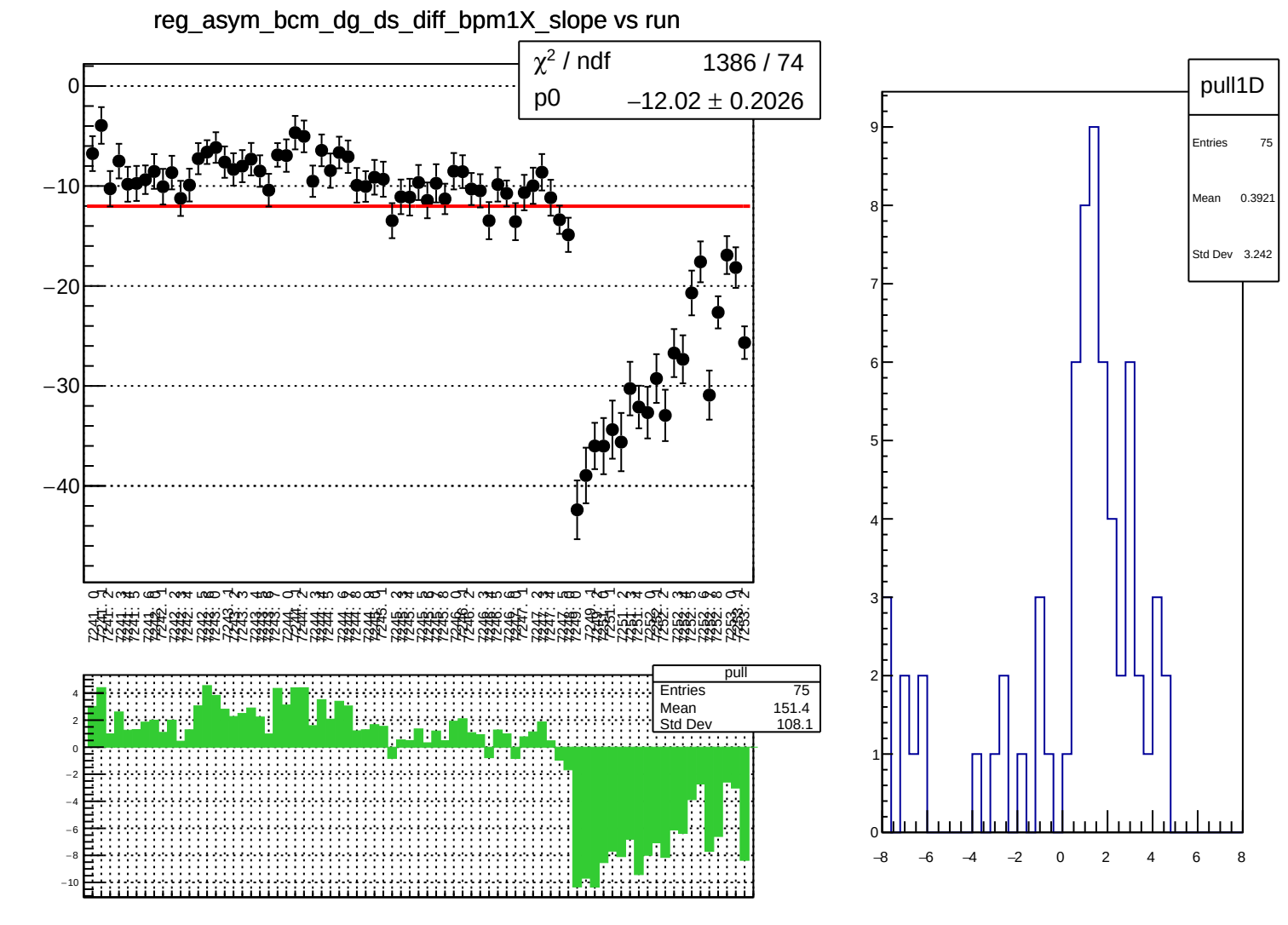

reg_asym_bcm_an_us_diff_bpm4aY_slope vs run
χ² / ndf 80.24 / 74
p0 1.97 ± 0.154
pull
Entries 75
Mean 726.1
Std Dev 682.5

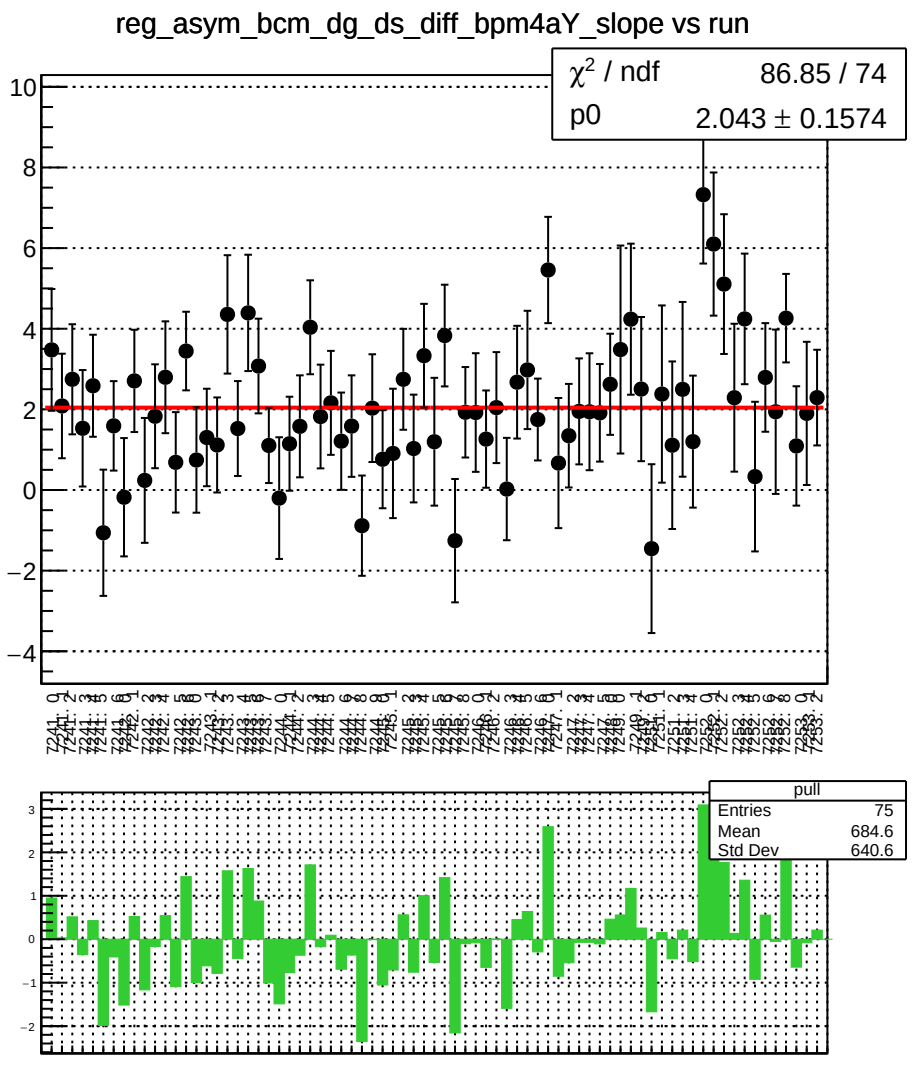

pull1D
Entries 75
Mean 0.007421
Std Dev 1.034

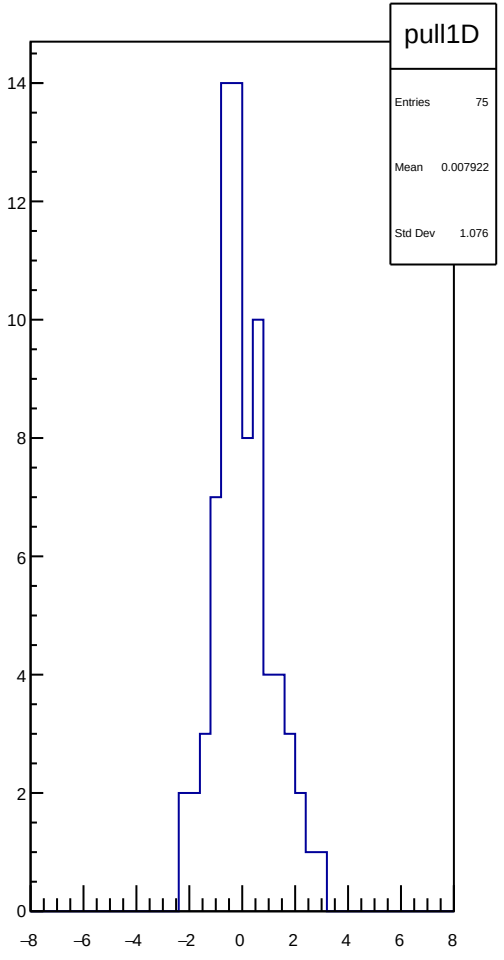

reg_asym_bcm_an_us_diff_bpm4eX_slope vs run
χ² / ndf 1319 / 74
p0 11.96 ± 0.2068
pull
Entries 75
Mean 150.1
Std Dev 106.7
pull1D
Entries 75
Mean −0.1457
Std Dev 3.402

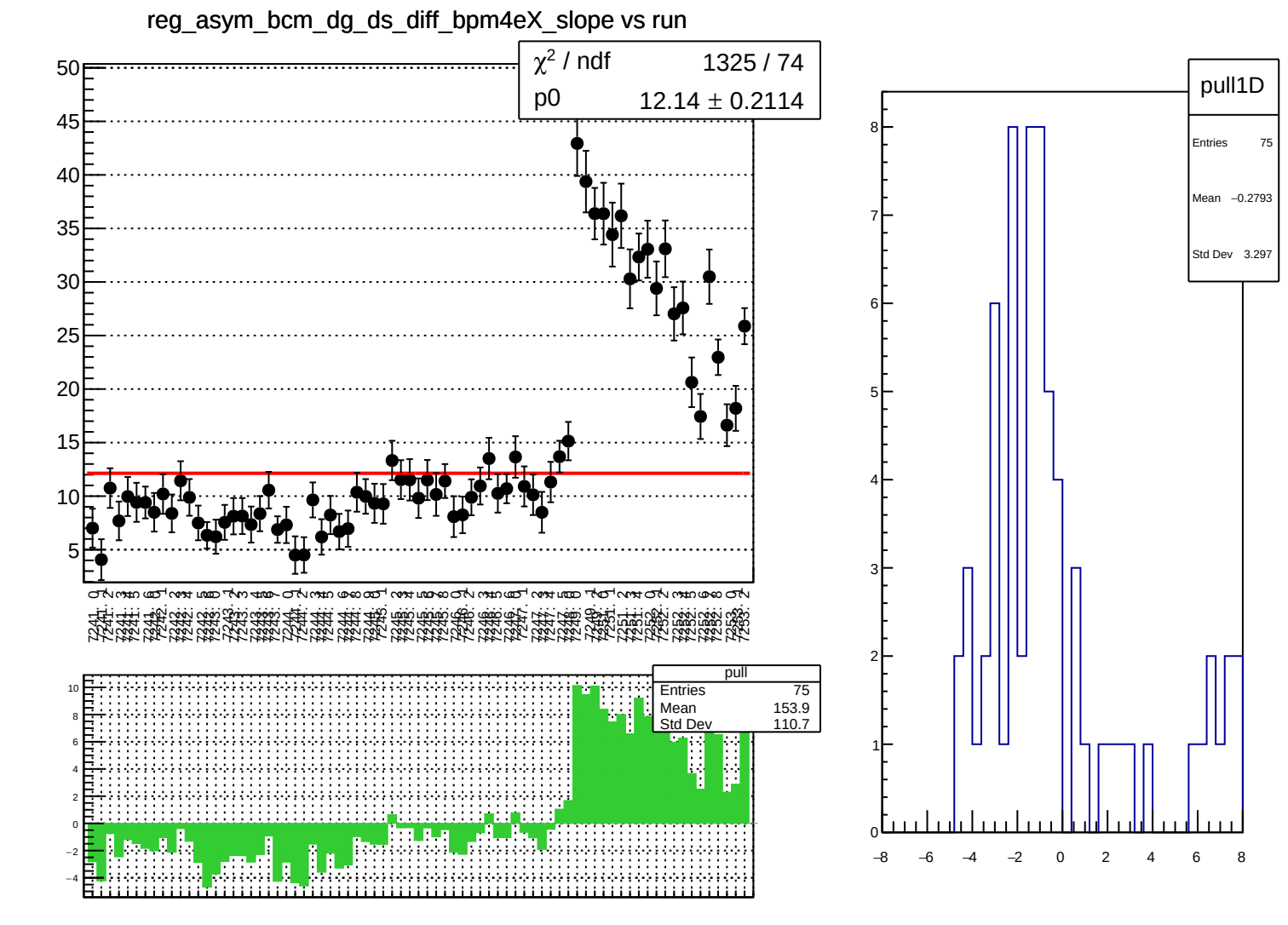

reg_asym_bcm_an_us_diff_bpm4eY_slope vs run
χ² / ndf 101.2 / 74
p0 −2.355 ± 0.1653
pull
Entries 75
Mean 523.2
Std Dev 476.9
pull1D
Entries 75
Mean −0.01103
Std Dev 1.162

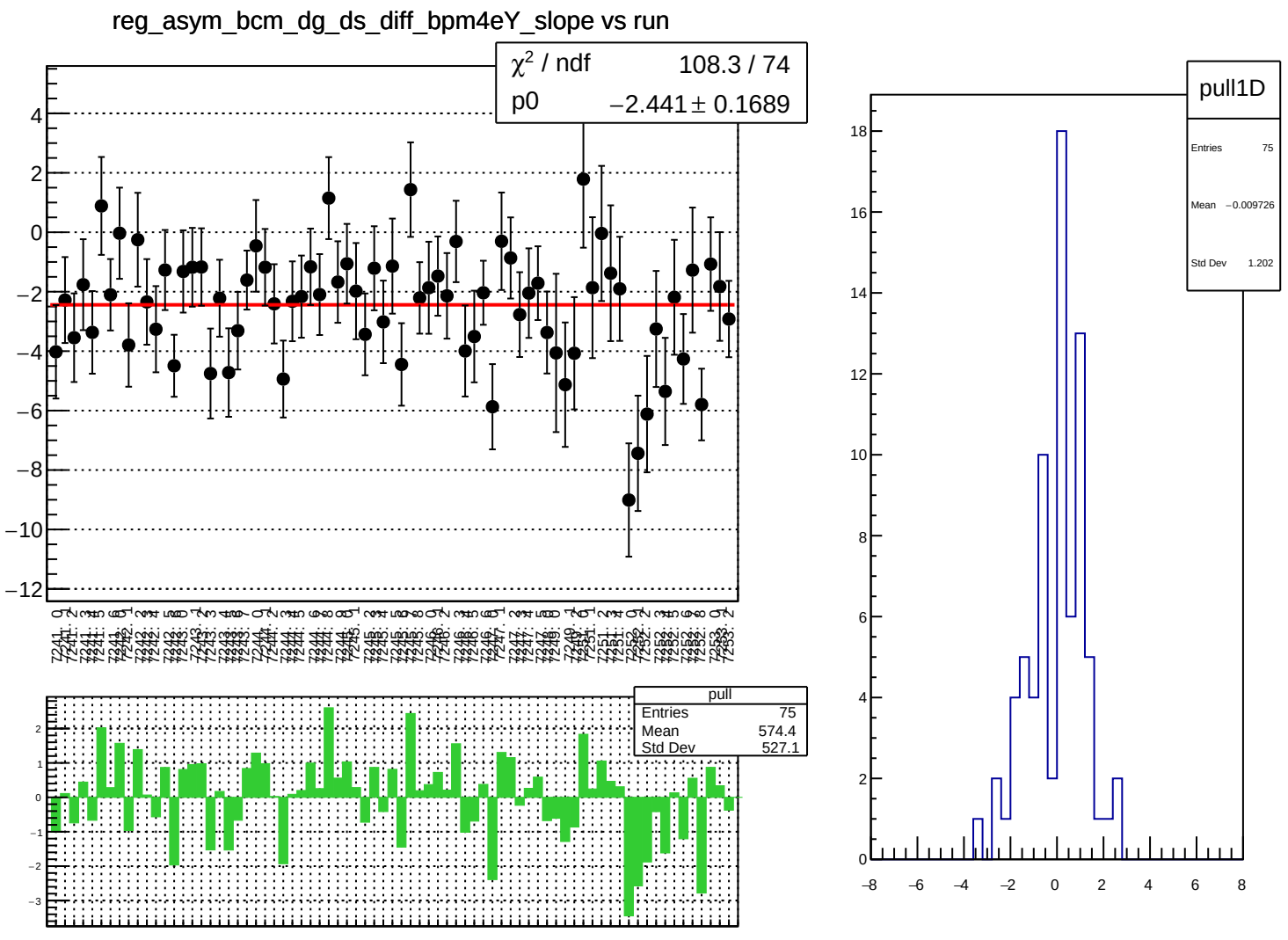

reg_asym_bcm_an_us_diff_bpm12X_slope vs run
χ² / ndf 72.83 / 74
p0 0.05141 ± 0.007545
pull
Entries 75
Mean 132.2
Std Dev 89.02
pull1D
Entries 75
Mean 0.08288
Std Dev 0.9819

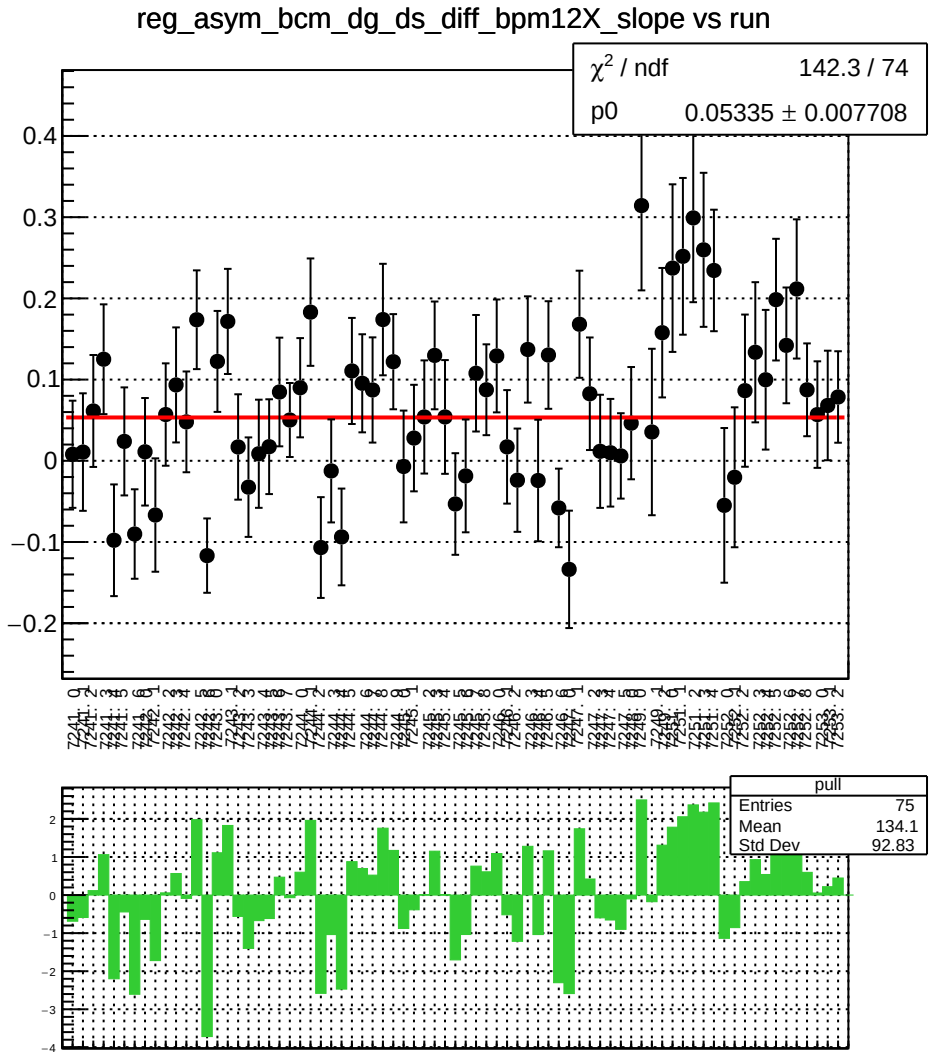

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs run
χ² / ndf 1386 / 74
p0 −12.02 ± 0.2026
pull
Entries 75
Mean 151.4
Std Dev 108.1
pull1D
Entries 75
Mean 0.3921
Std Dev 3.242

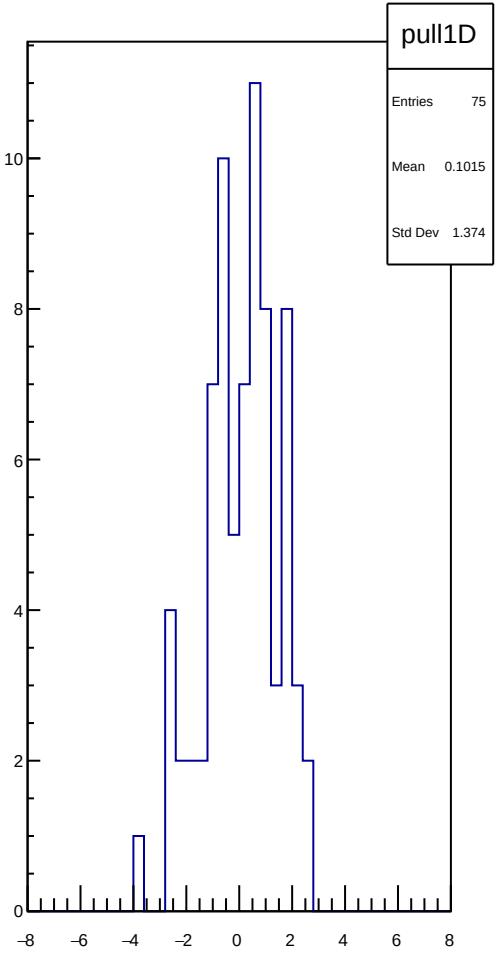

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs run
χ² / ndf 86.85 / 74
p0 2.043 ± 0.1574
pull
Entries 75
Mean 684.6
Std Dev 640.6

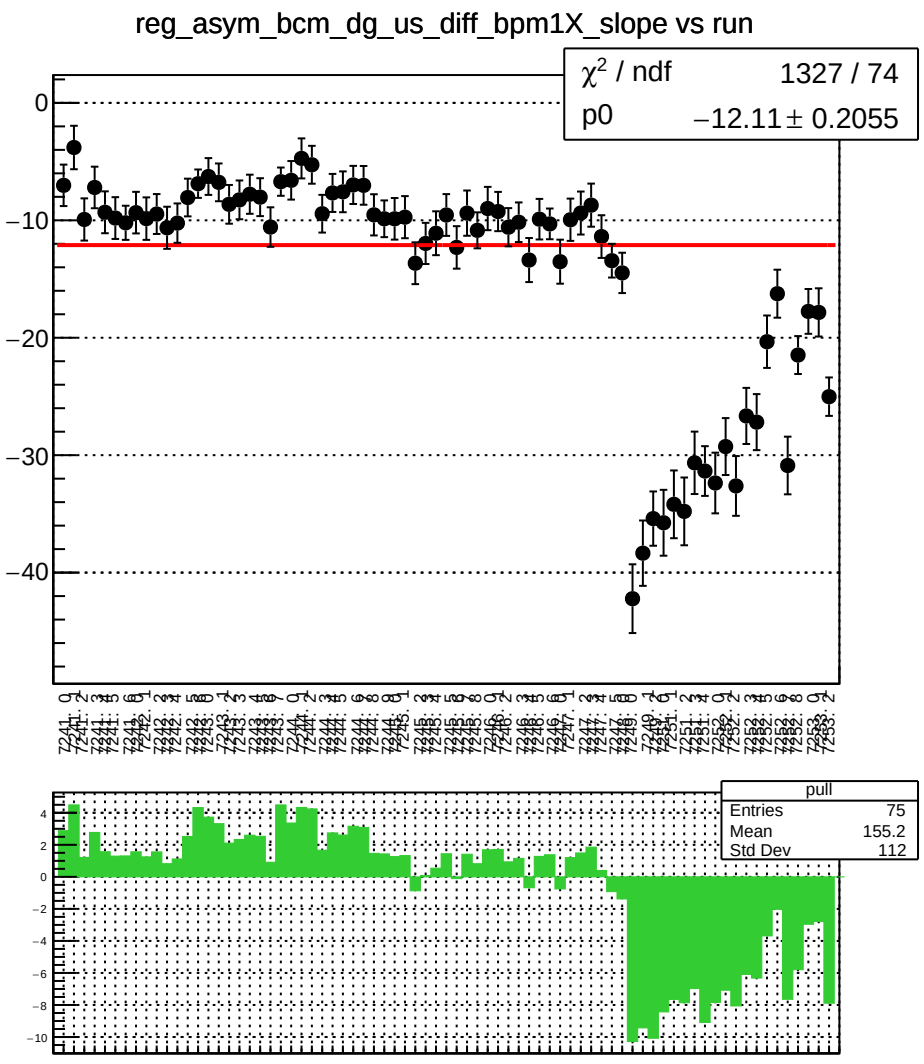

pull1D
Entries 75
Mean 0.007922
Std Dev 1.076

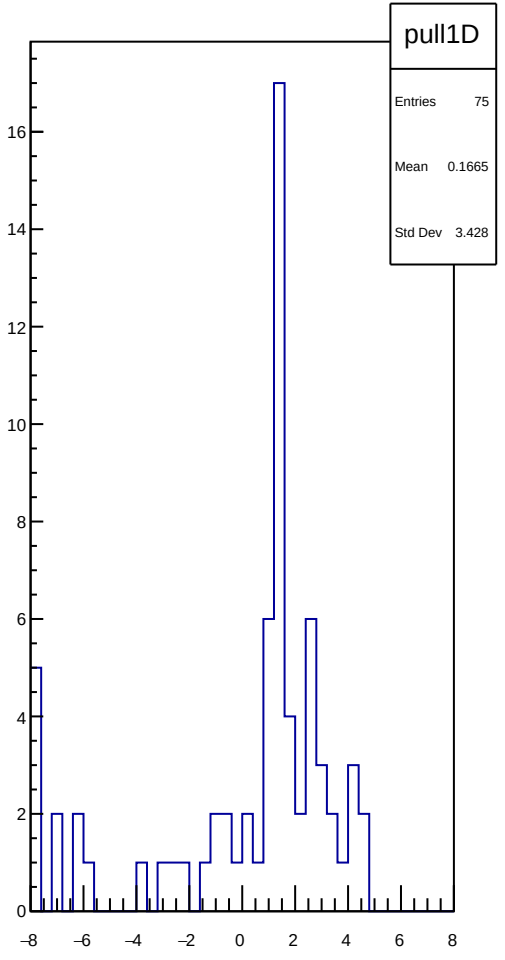

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs run
χ² / ndf 1325 / 74
p0 12.14 ± 0.2114
pull
Entries 75
Mean 153.9
Std Dev 110.7
pull1D
Entries 75
Mean −0.2793
Std Dev 3.297

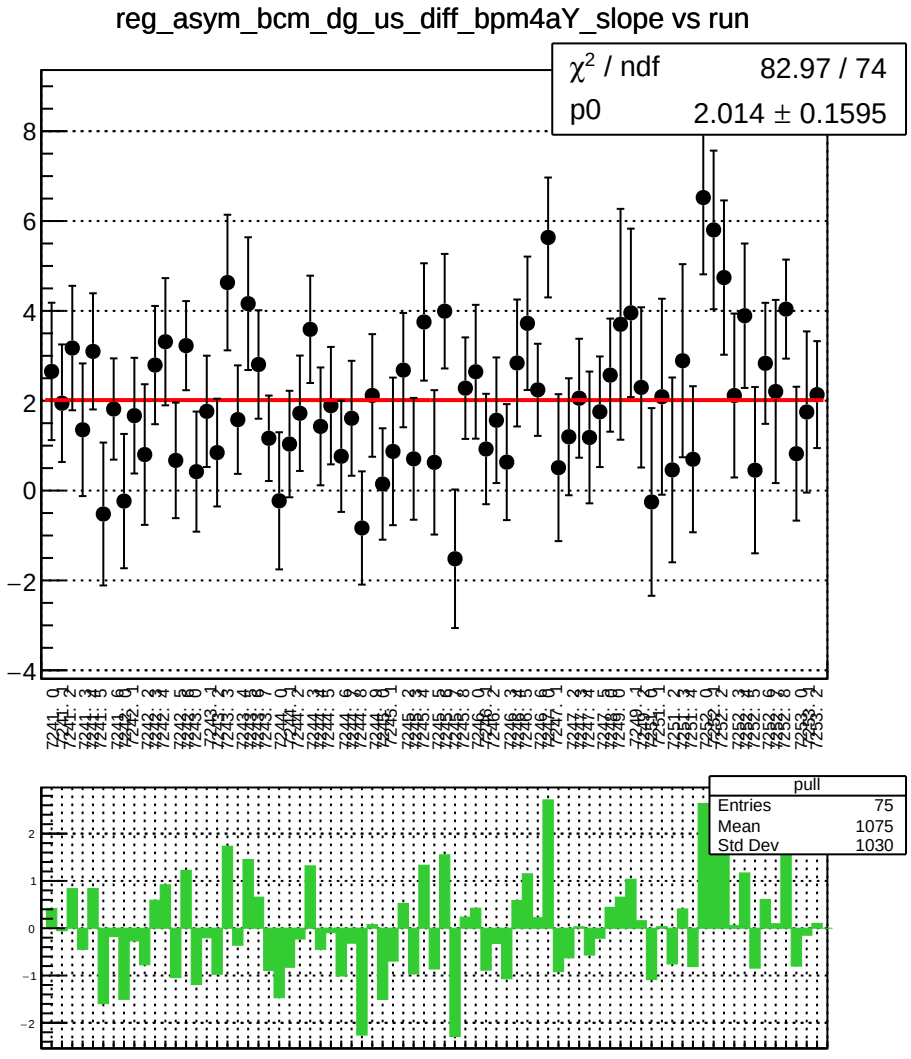

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs run
χ² / ndf 108.3 / 74
p0 −2.441 ± 0.1689
pull
Entries 75
Mean 574.4
Std Dev 527.1
pull1D
Entries 75
Mean −0.009726
Std Dev 1.202

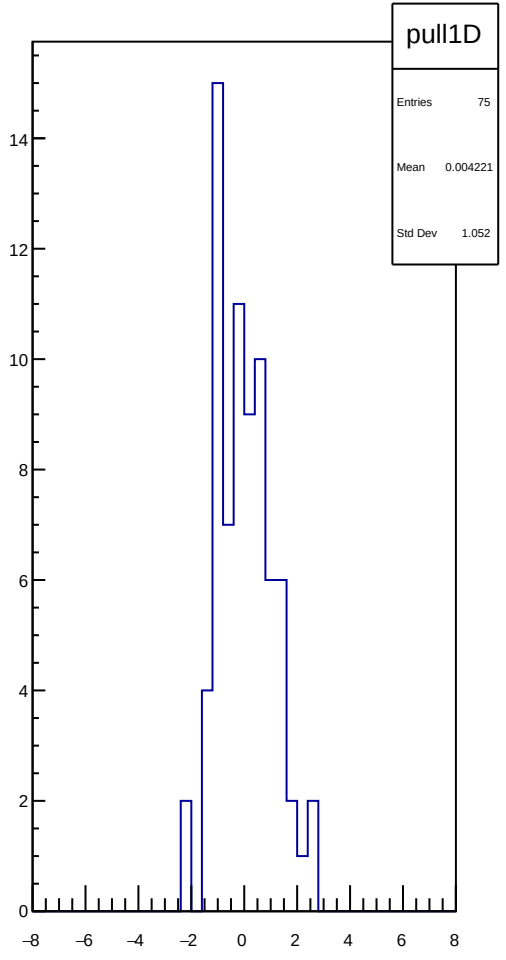

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs run
χ² / ndf 142.3 / 74
p0 0.05335 ± 0.007708
pull
Entries 75
Mean 134.1
Std Dev 92.83

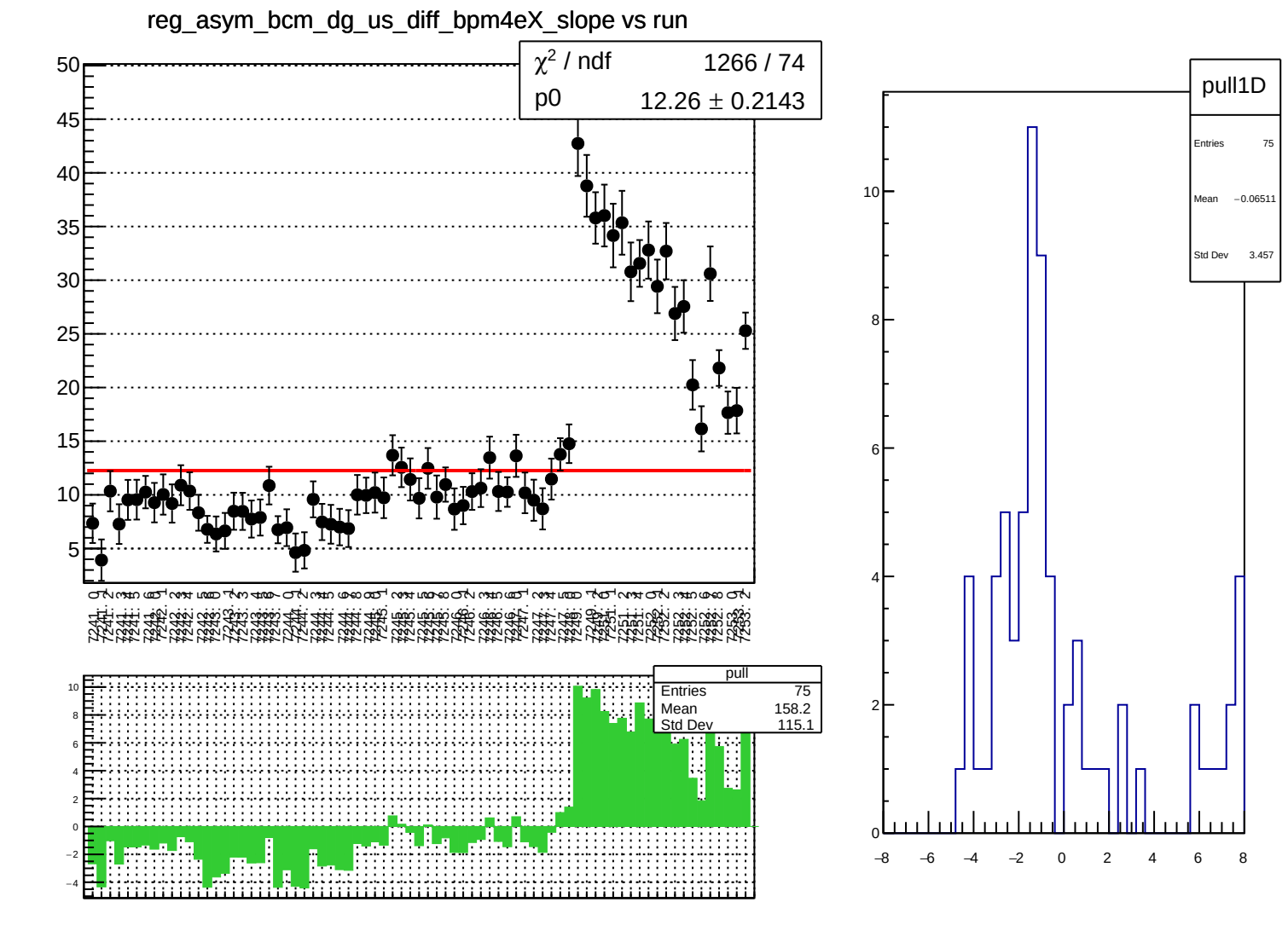

pull1D
Entries 75
Mean 0.1015
Std Dev 1.374

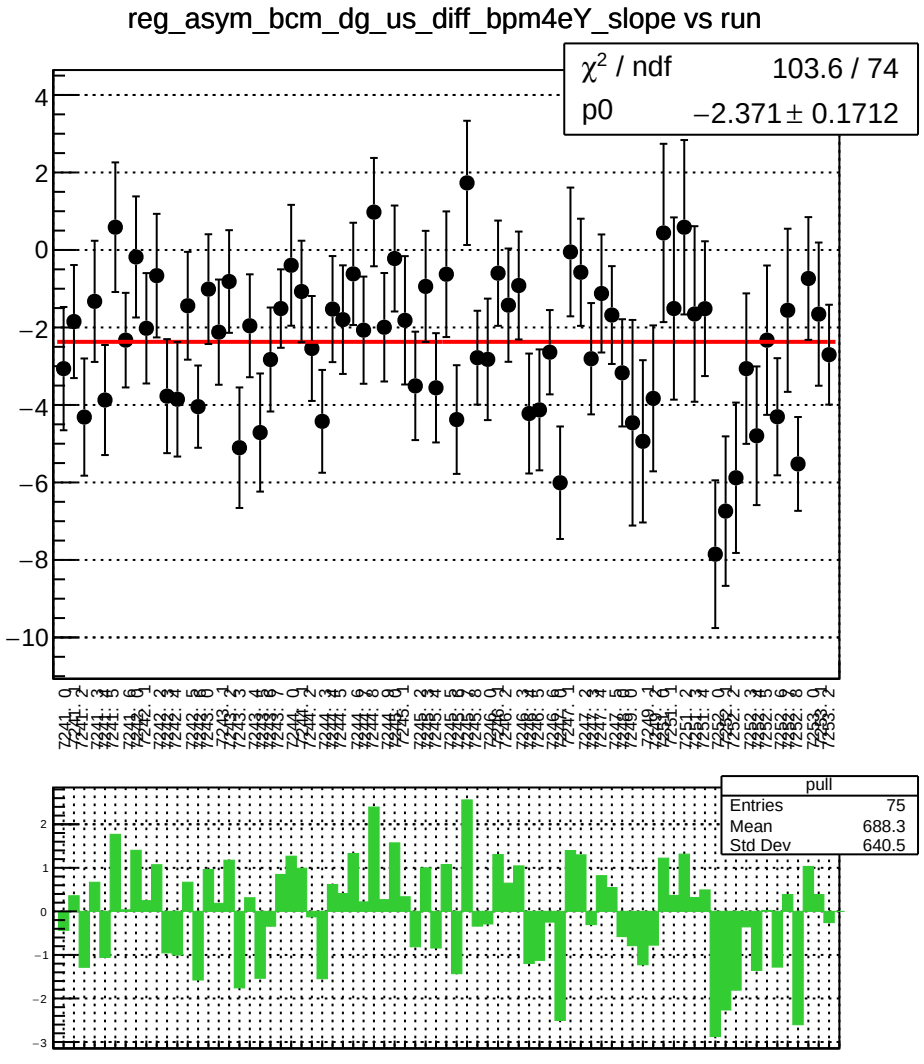

reg_asym_bcm_dg_us_diff_bpm1X_slope vs run
χ² / ndf 1327 / 74
p0 −12.11 ± 0.2055
pull
Entries 75
Mean 155.2
Std Dev 112

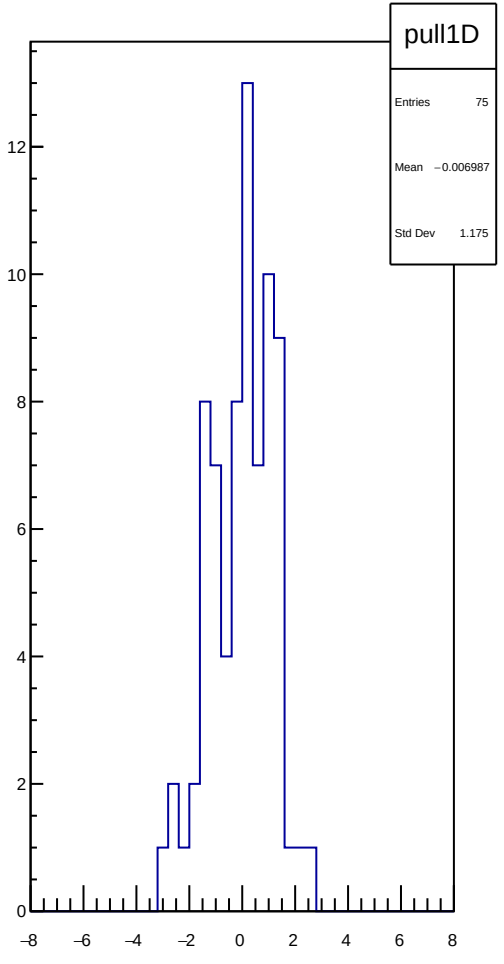

pull1D
Entries 75
Mean 0.1665
Std Dev 3.428

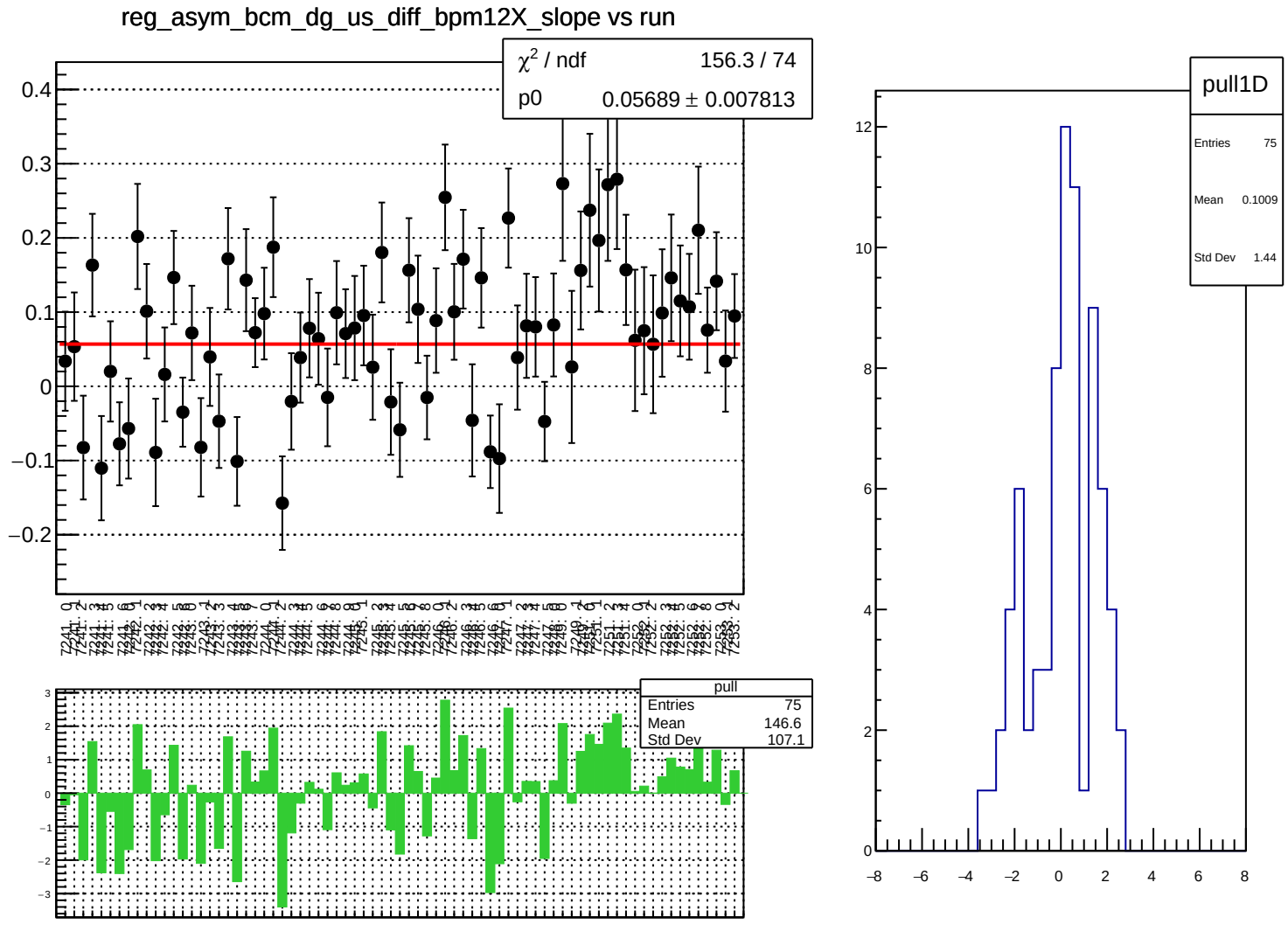

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs run
χ² / ndf 82.97 / 74
p0 2.014 ± 0.1595
pull
Entries 75
Mean 1075
Std Dev 1030


pull1D
Entries 75
Mean 0.004221
Std Dev 1.052


reg_asym_bcm_dg_us_diff_bpm4eX_slope vs run
χ² / ndf 1266 / 74
p0 12.26 ± 0.2143
pull
Entries 75
Mean 158.2
Std Dev 115.1
pull1D
Entries 75
Mean −0.06511
Std Dev 3.457


reg_asym_bcm_dg_us_diff_bpm4eY_slope vs run
χ² / ndf 103.6 / 74
p0 −2.371 ± 0.1712
pull
Entries 75
Mean 688.3
Std Dev 640.5


pull1D
Entries 75
Mean −0.006987
Std Dev 1.175


reg_asym_bcm_dg_us_diff_bpm12X_slope vs run
χ² / ndf 156.3 / 74
p0 0.05689 ± 0.007813
pull
Entries 75
Mean 146.6
Std Dev 107.1
pull1D
Entries 75
Mean 0.1009
Std Dev 1.44