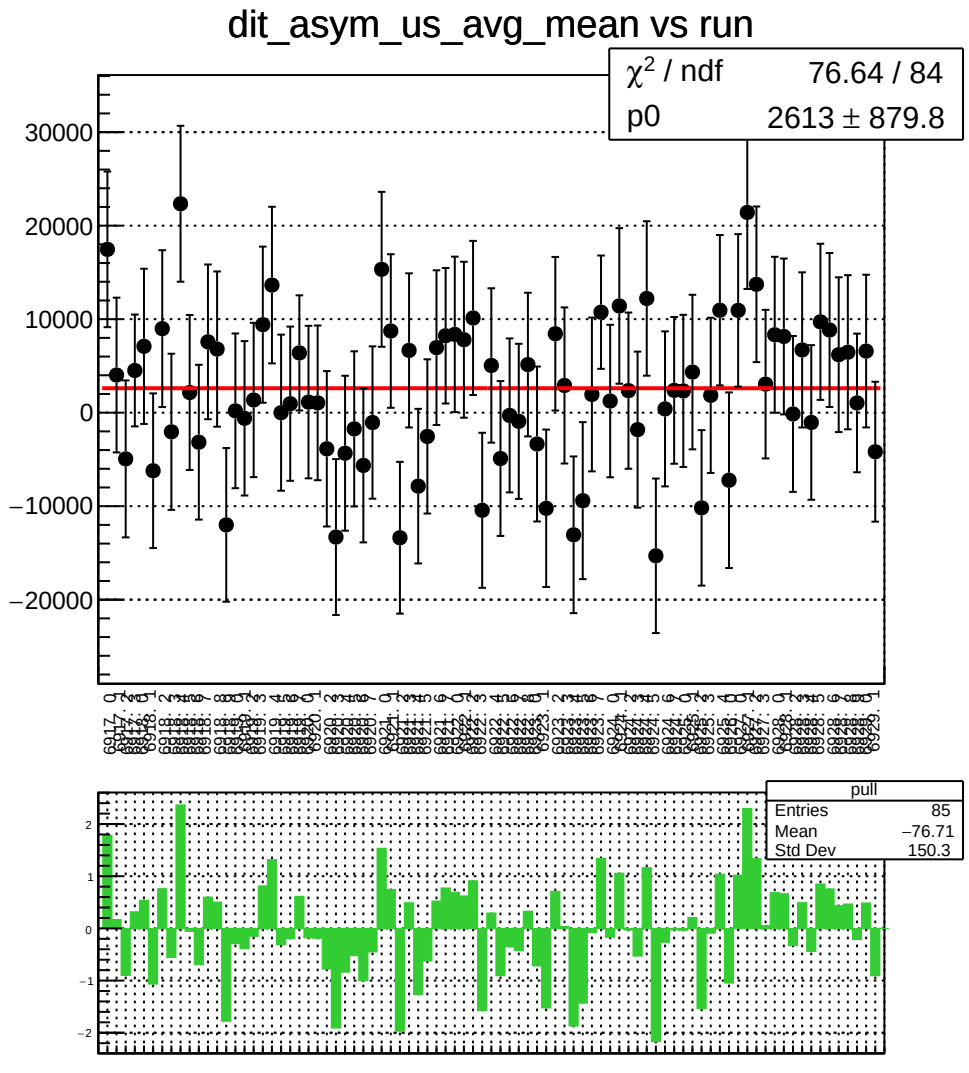
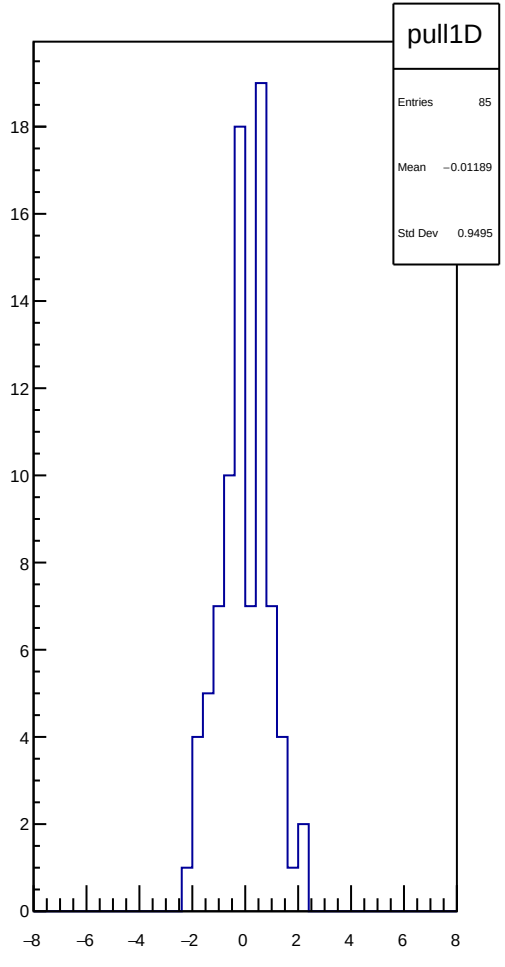
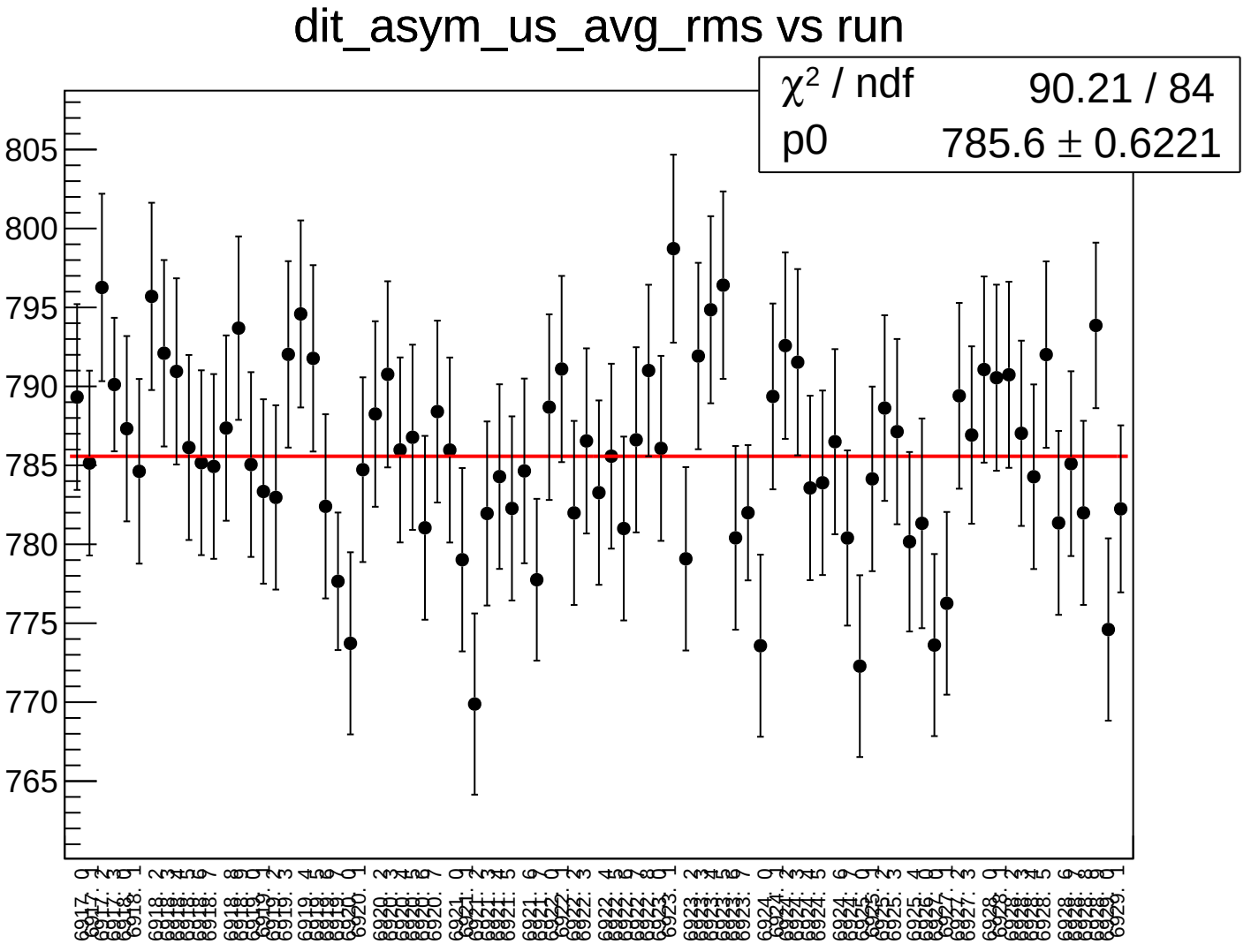
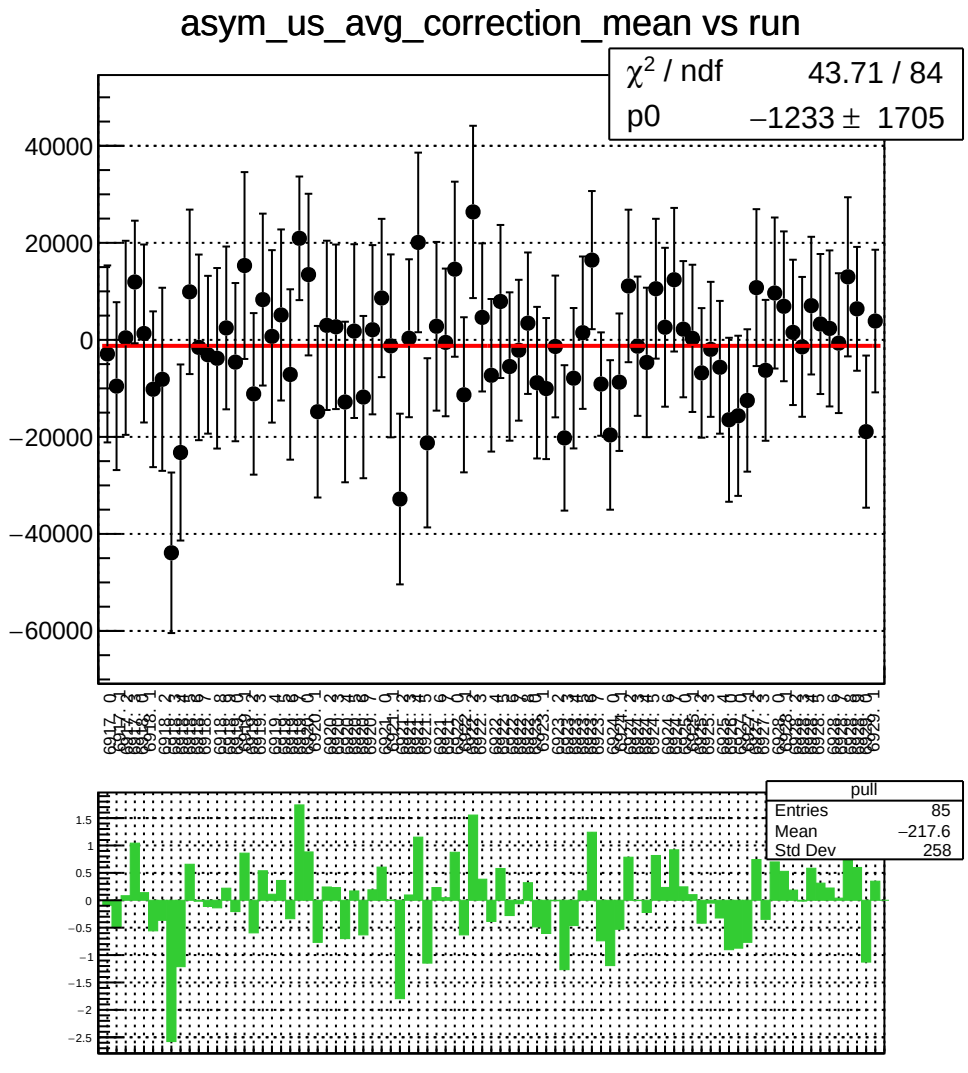
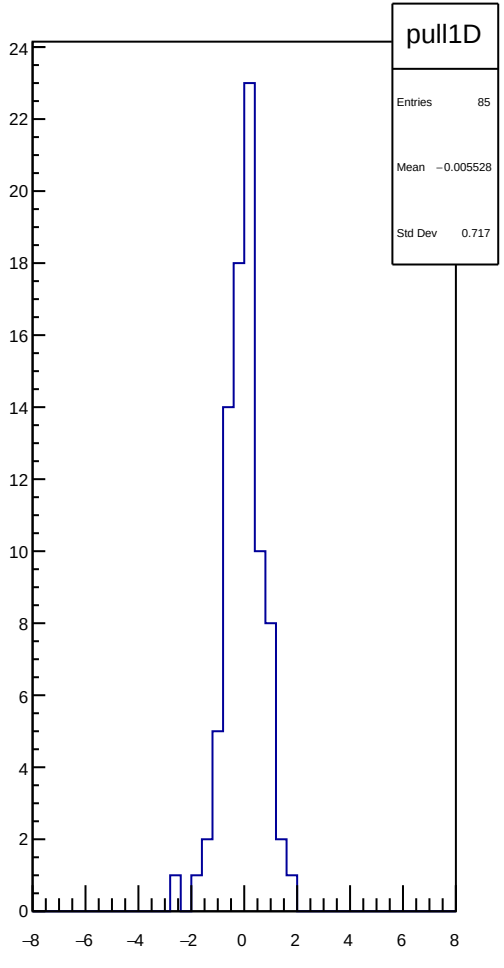
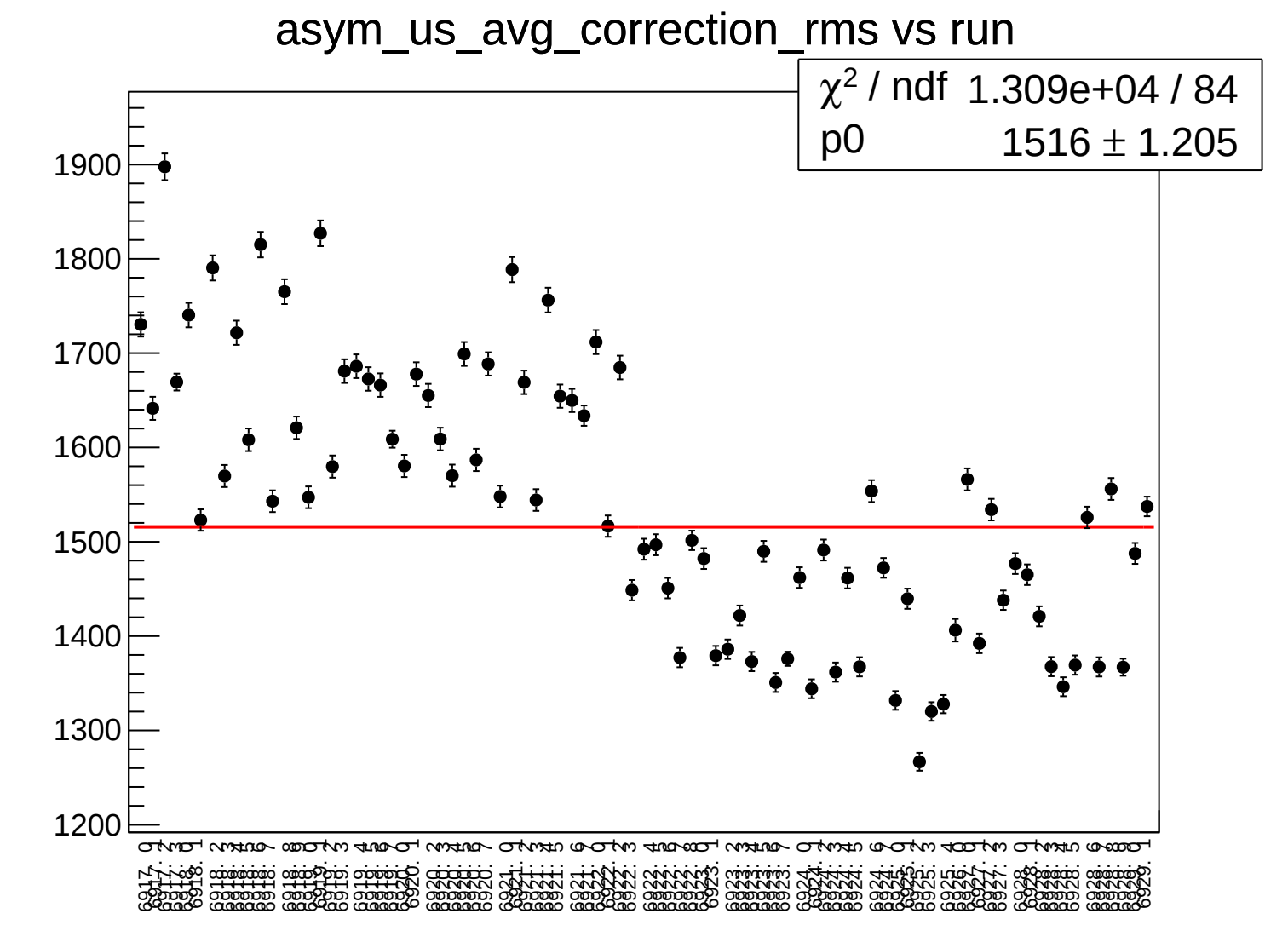

dit_asym_us_avg_mean vs run
χ² / ndf 76.64 / 84
p0 2613 ± 879.8
30000
20000
10000
0
−10000
−20000
pull
Entries 85
Mean −76.71
Std Dev 150.3
2
1
0
−1
−2

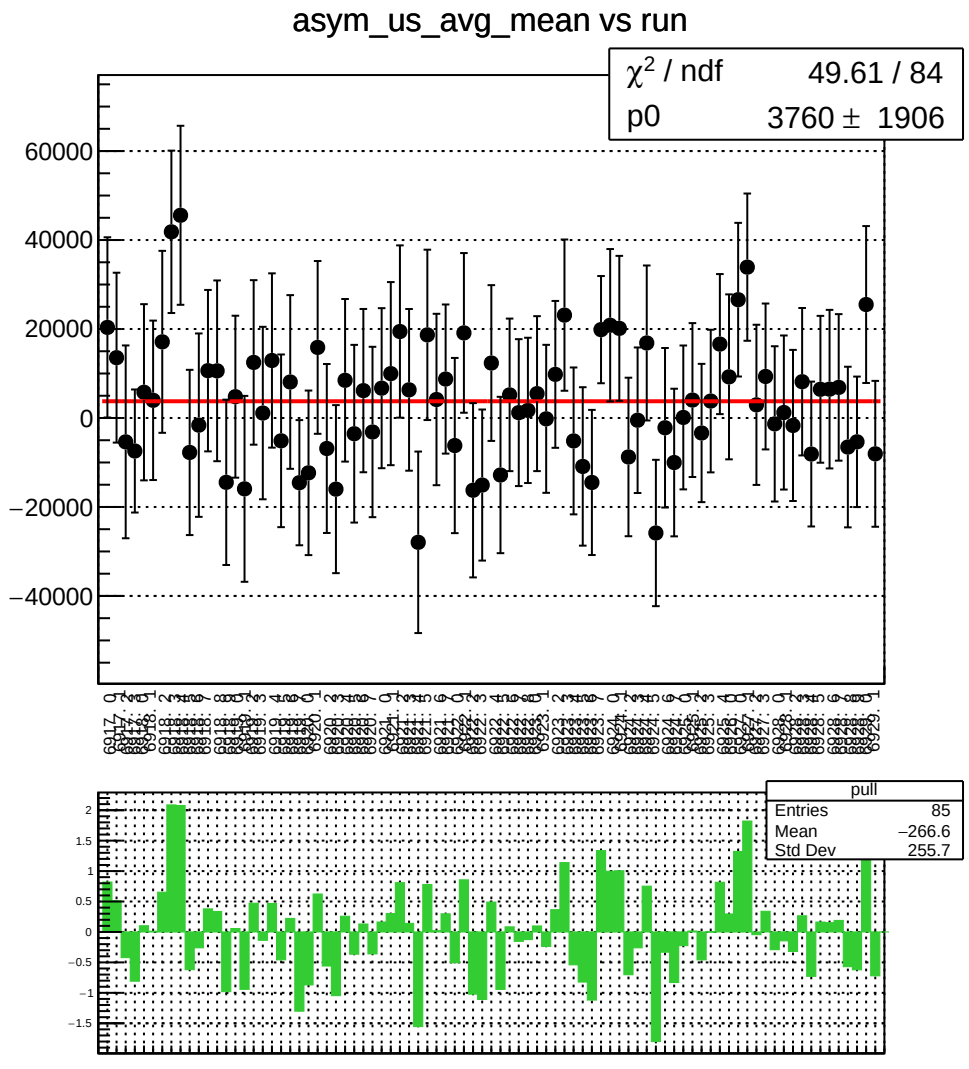

pull1D
Entries 85
Mean −0.01189
Std Dev 0.9495
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

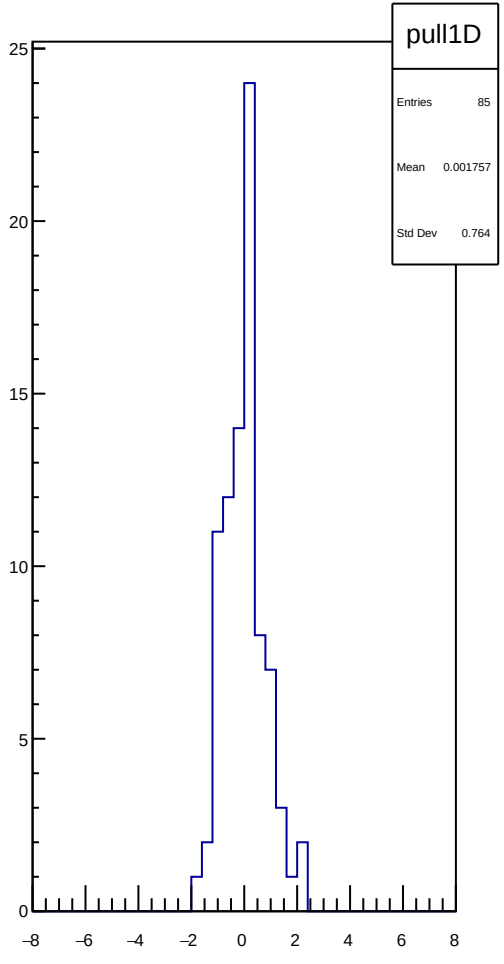

dit_asym_us_avg_rms vs run
χ² / ndf 90.21 / 84
p0 785.6 ± 0.6221
805
800
795
790
785
780
775
770
765

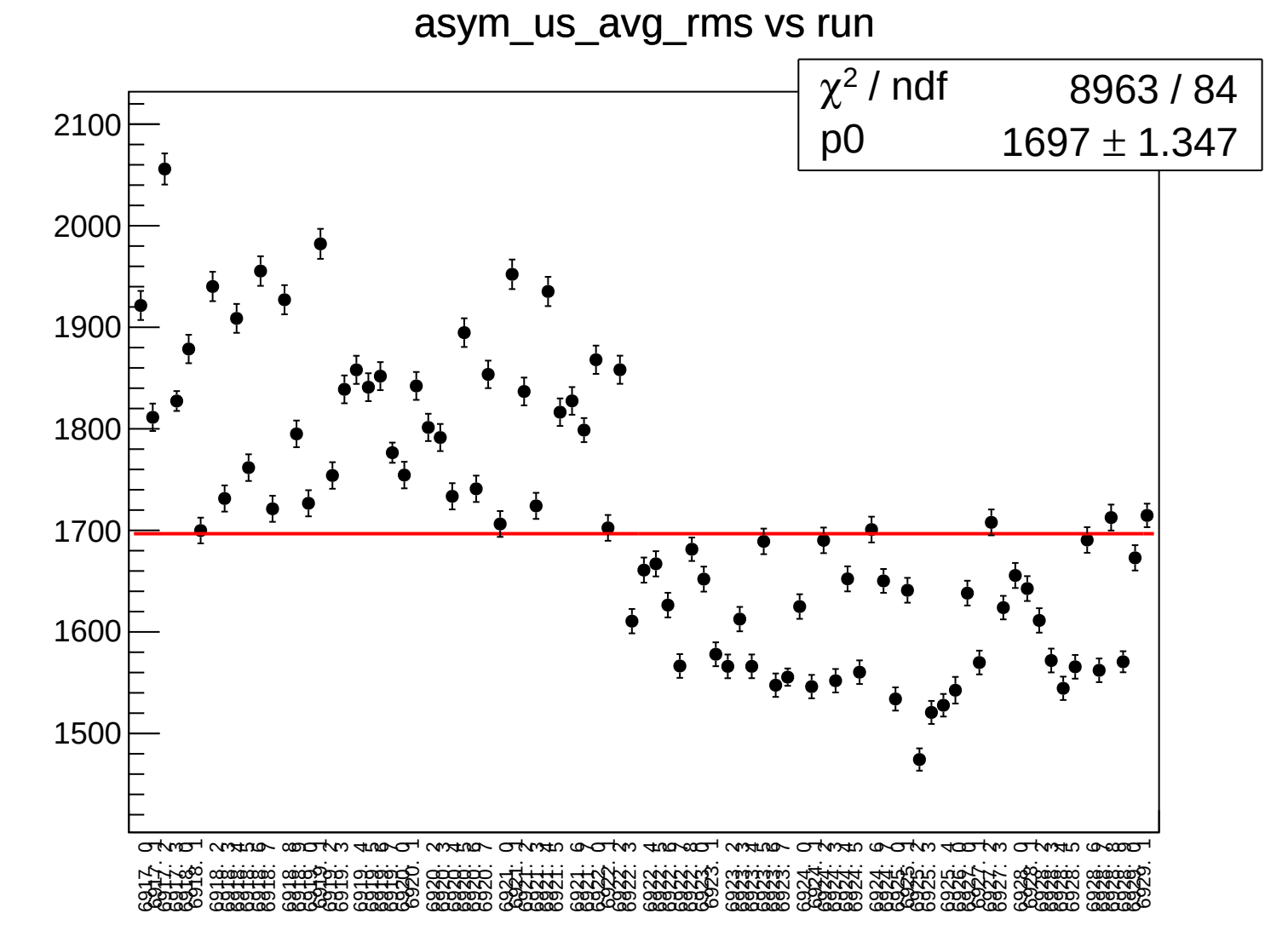

asym_us_avg_correction_mean vs run
χ² / ndf 43.71 / 84
p0 −1233 ± 1705
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean −217.6
Std Dev 258
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

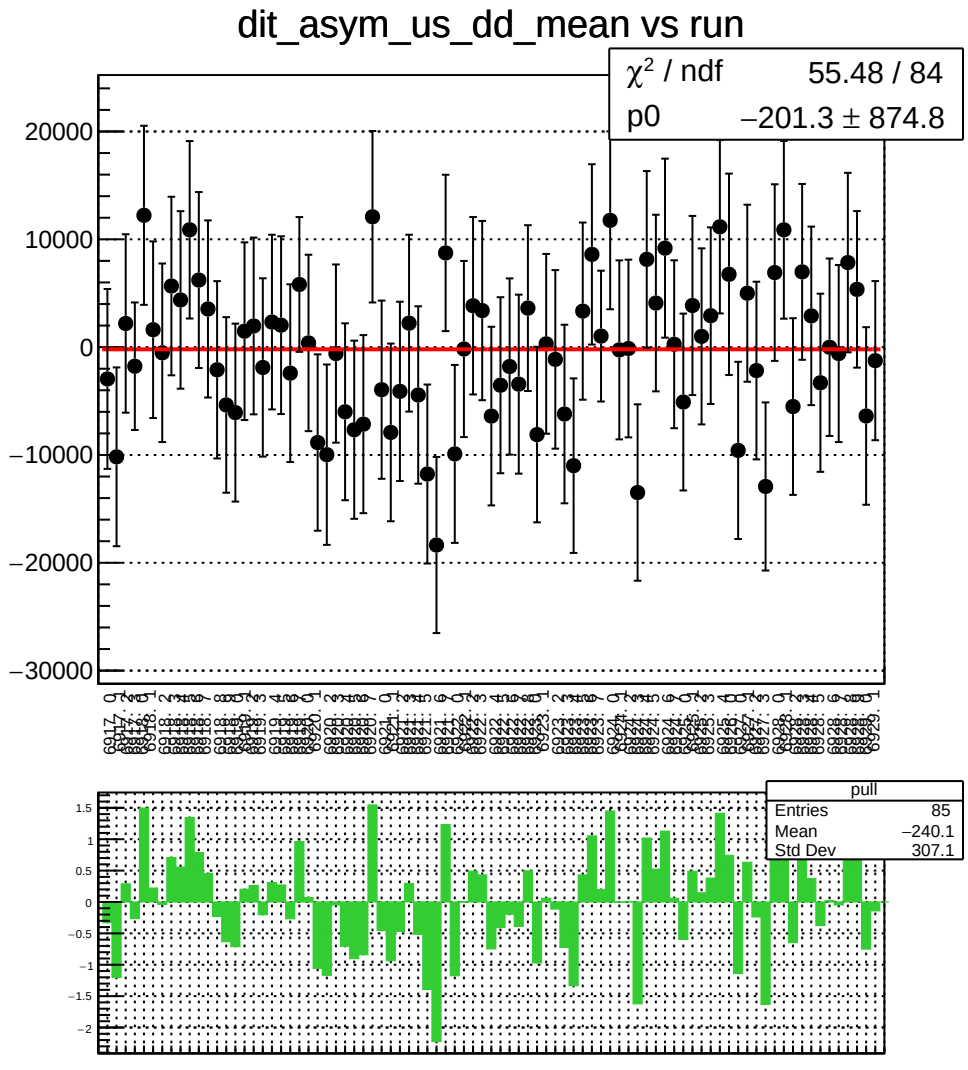

pull1D
Entries 85
Mean −0.005528
Std Dev 0.717
24
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

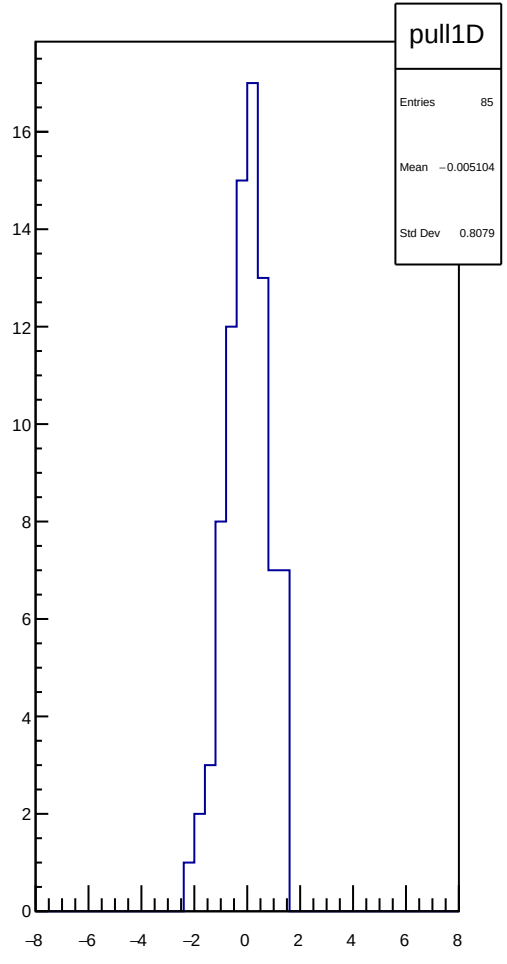

asym_us_avg_correction_rms vs run
χ² / ndf 1.309e+04 / 84
p0 1516 ± 1.205
1900
1800
1700
1600
1500
1400
1300
1200

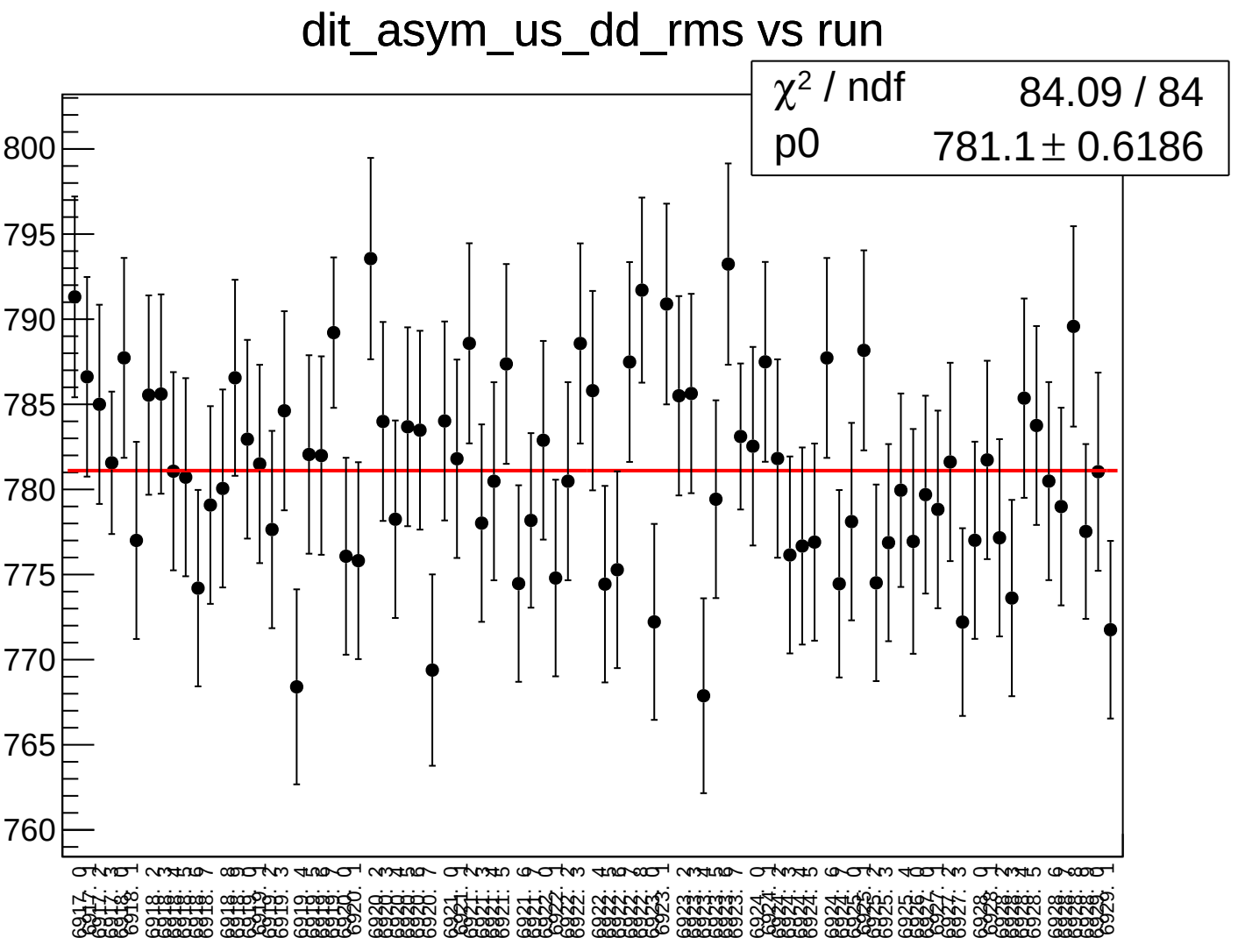

asym_us_avg_mean vs run
χ² / ndf 49.61 / 84
p0 3760 ± 1906
60000
40000
20000
0
−20000
−40000
pull
Entries 85
Mean −266.6
Std Dev 255.7
2
1.5
1
0.5
0
−0.5
−1
−1.5

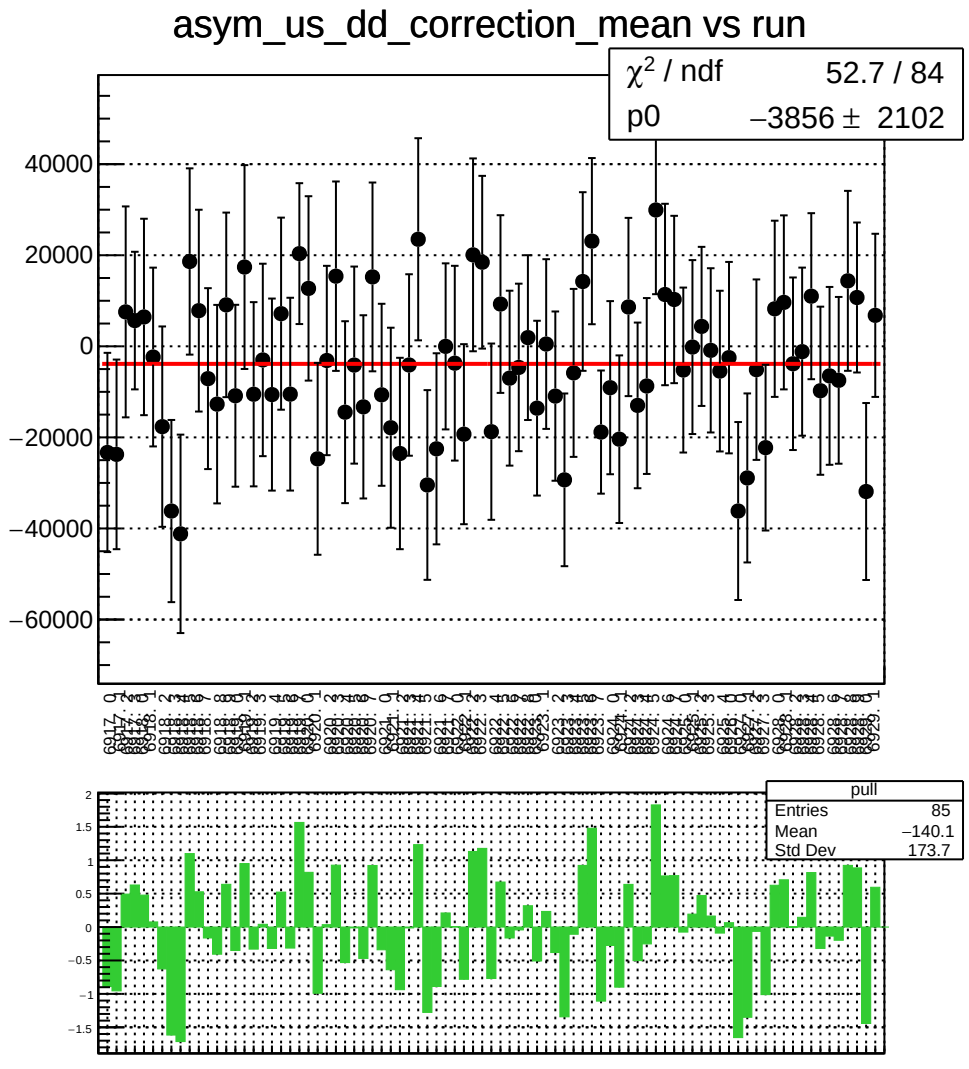

pull1D
Entries 85
Mean 0.001757
Std Dev 0.764
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

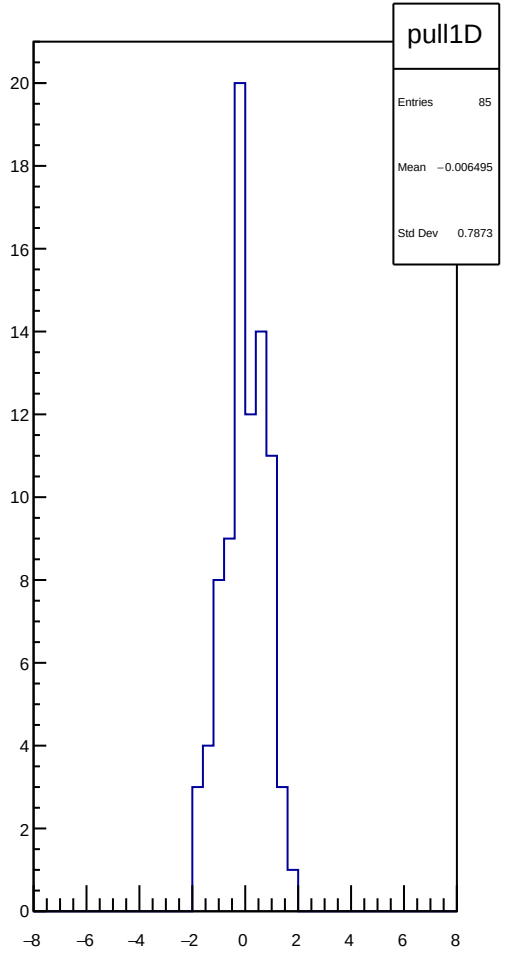

asym_us_avg_rms vs run
χ^2 / ndf 8963 / 84
p0 1697 ± 1.347
2100
2000
1900
1800
1700
1600
1500

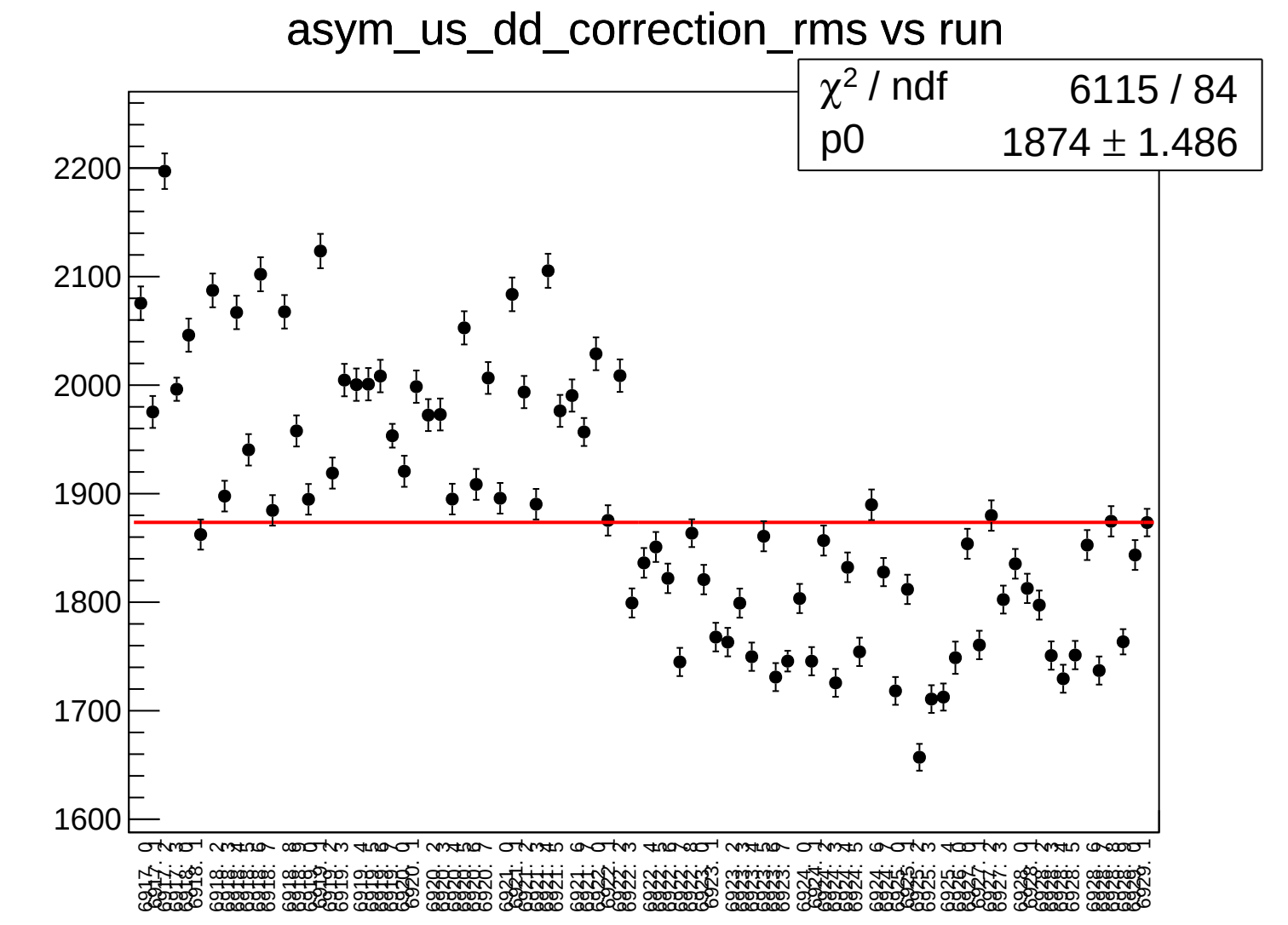

dit_asym_us_dd_mean vs run
χ² / ndf 55.48 / 84
p0 −201.3 ± 874.8
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean −240.1
Std Dev 307.1
1.5
1
0.5
0
−0.5
−1
−1.5
−2

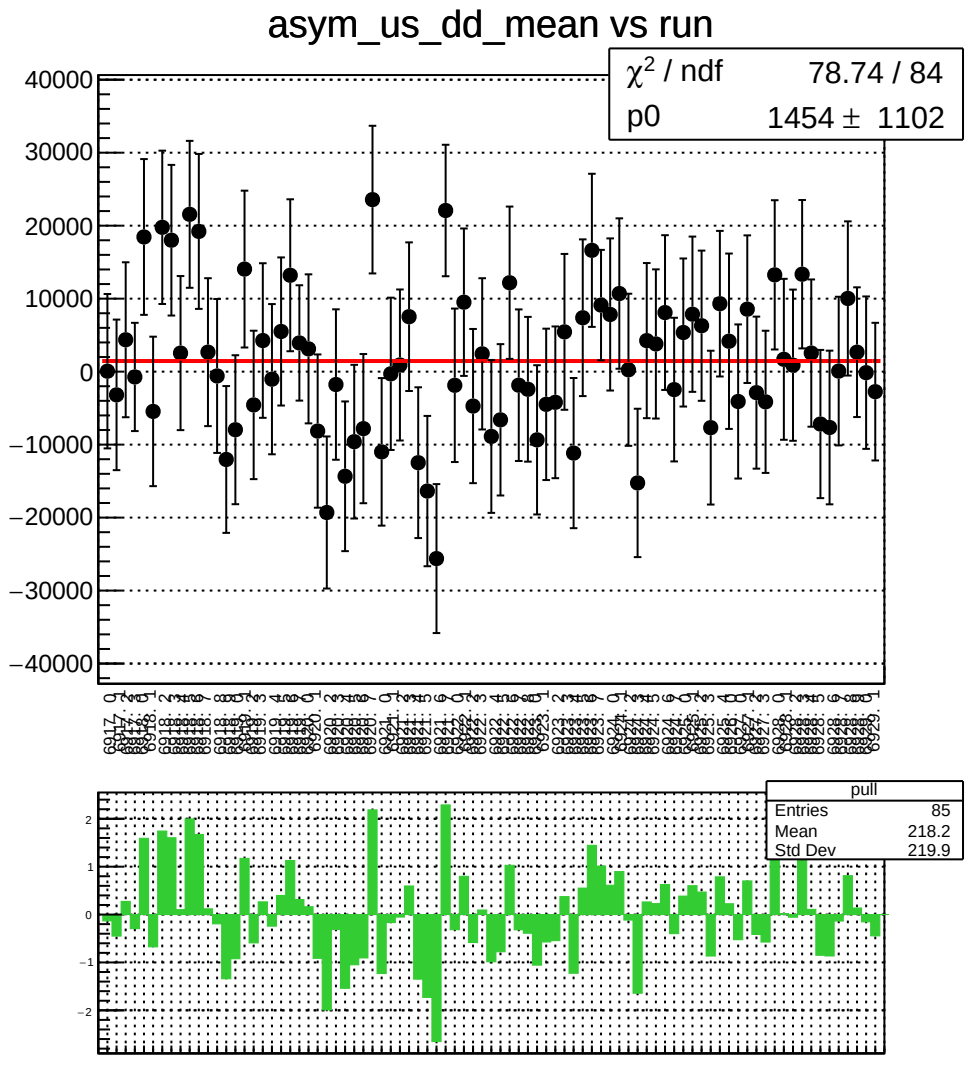

pull1D
Entries 85
Mean −0.005104
Std Dev 0.8079
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

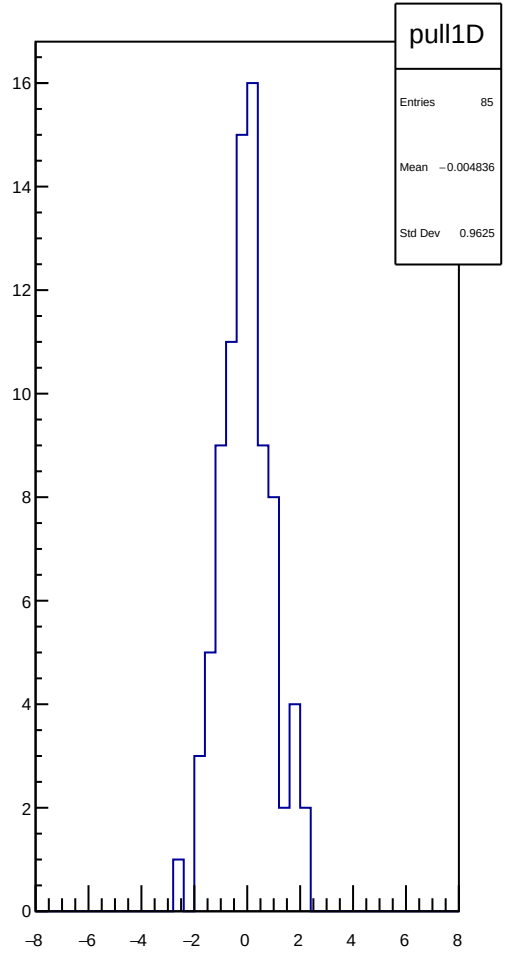

dit_asym_us_dd_rms vs run
χ² / ndf 84.09 / 84
p0 781.1 ± 0.6186
800
795
790
785
780
775
770
765
760

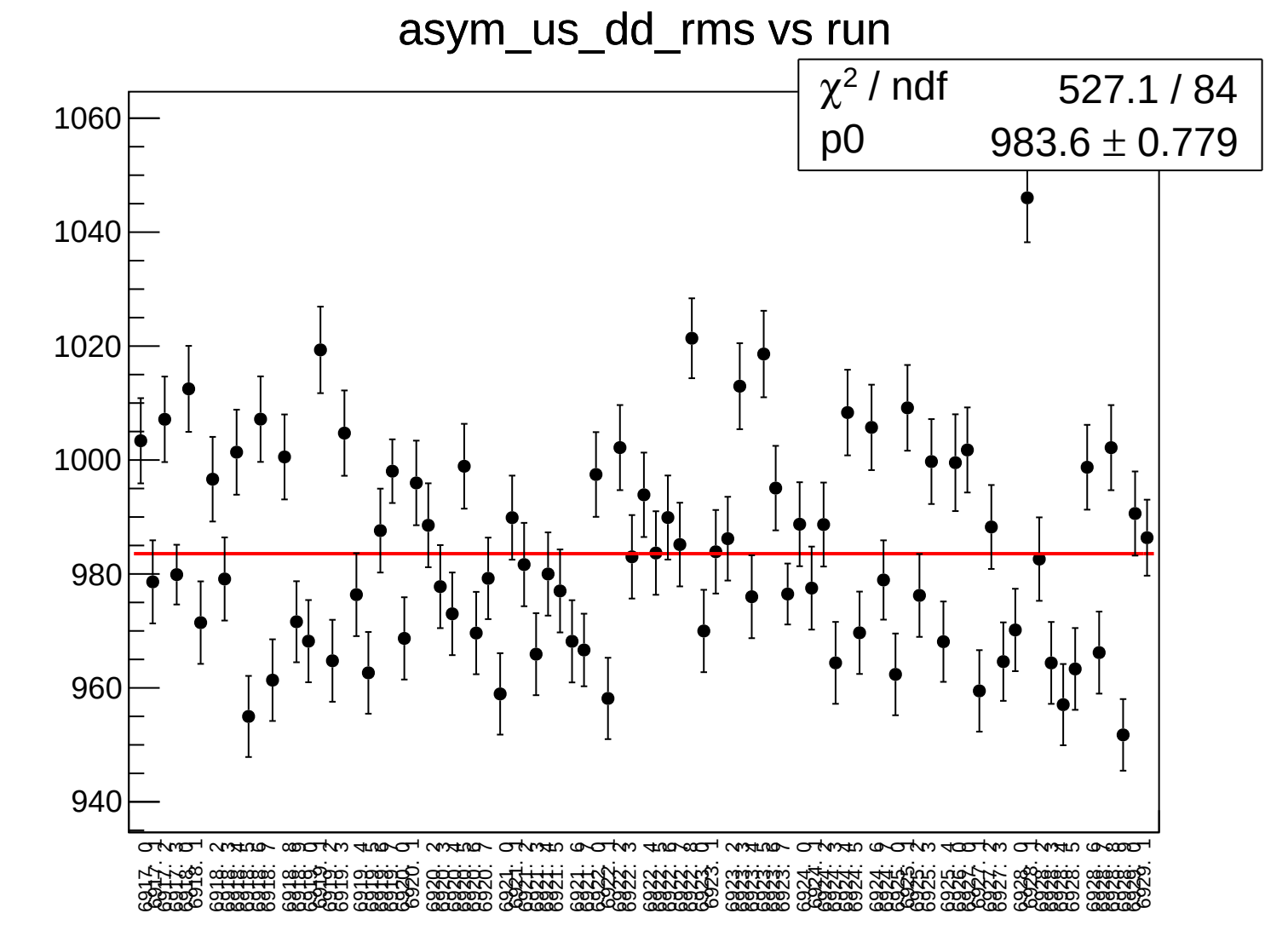

asym_us_dd_correction_mean vs run
χ² / ndf 52.7 / 84
p0 −3856 ± 2102
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean −140.1
Std Dev 173.7
2
1.5
1
0.5
0
−0.5
−1
−1.5

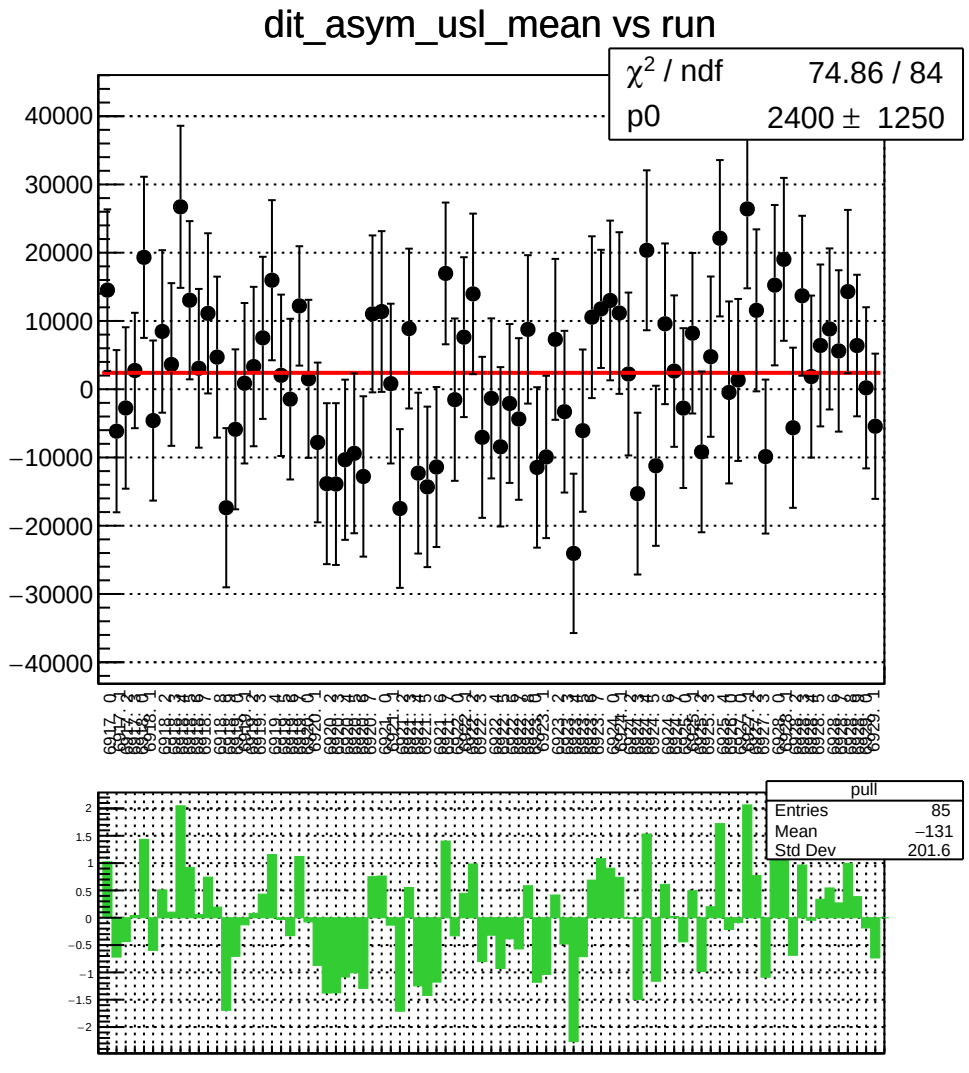

pull1D
Entries 85
Mean −0.006495
Std Dev 0.7873
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

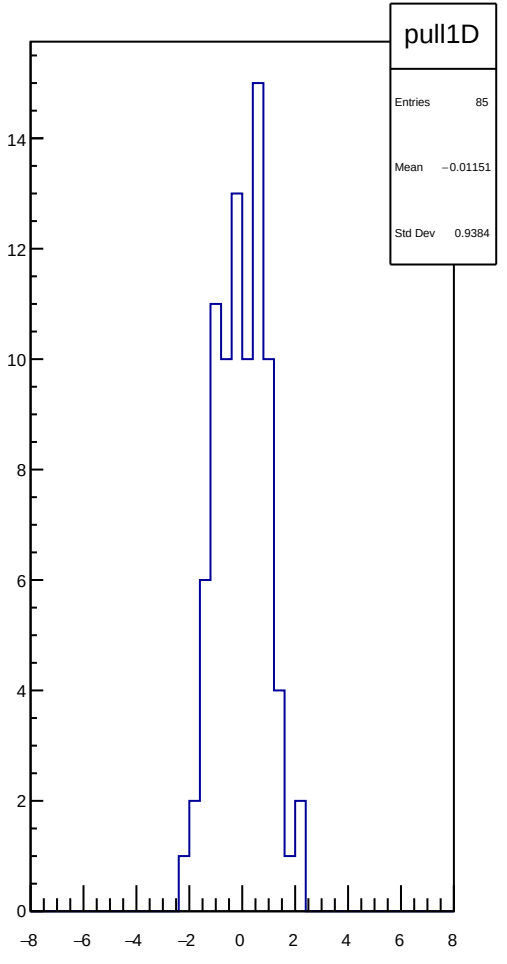

asym_us_dd_correction_rms vs run
χ² / ndf 6115 / 84
p0 1874 ± 1.486
2200
2100
2000
1900
1800
1700
1600

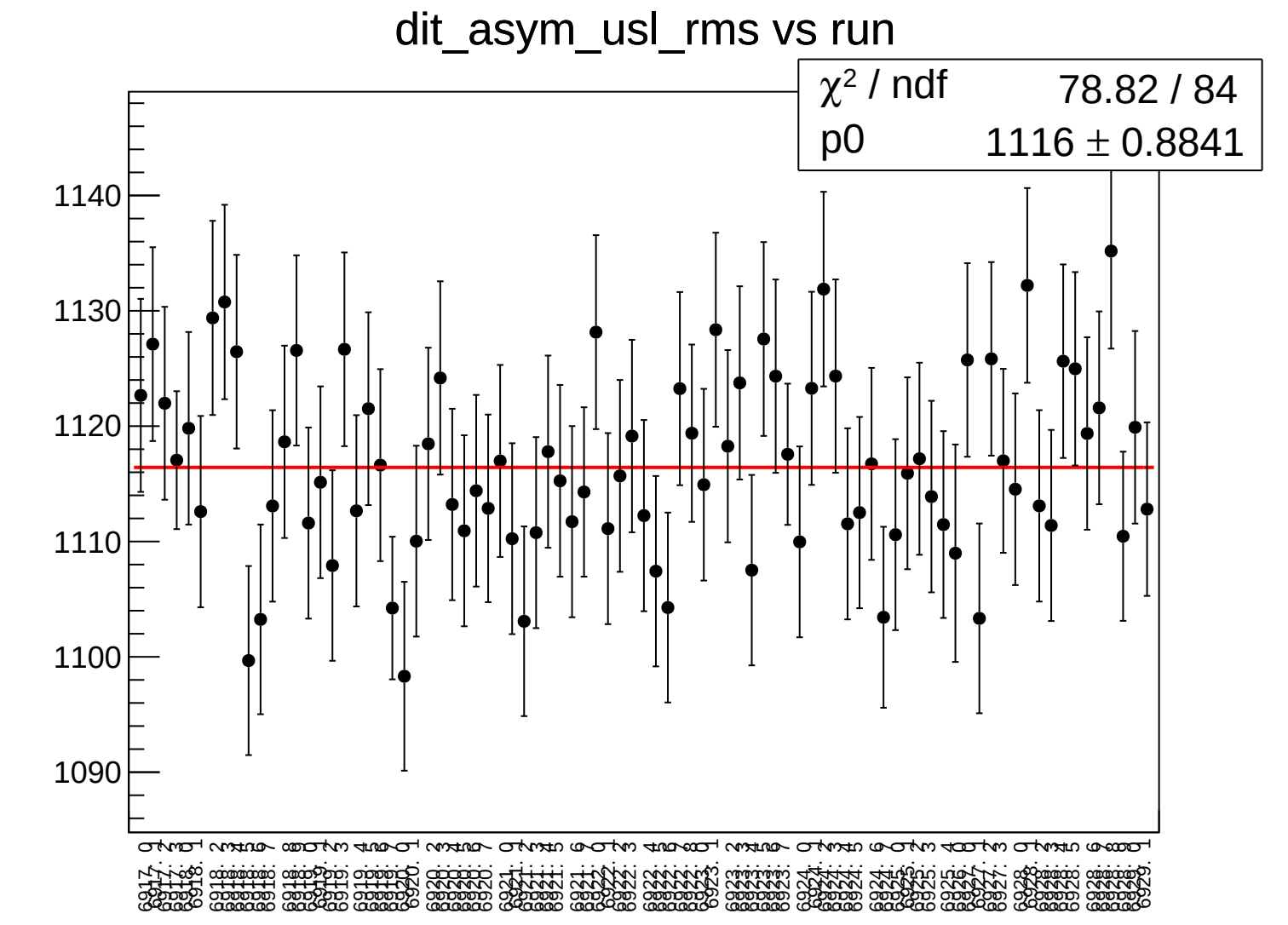

asym_us_dd_mean vs run
χ² / ndf 78.74 / 84
p0 1454 ± 1102
40000
30000
20000
10000
0
−10000
−20000
−30000
−40000
pull
Entries 85
Mean 218.2
Std Dev 219.9
2
1
0
−1
−2

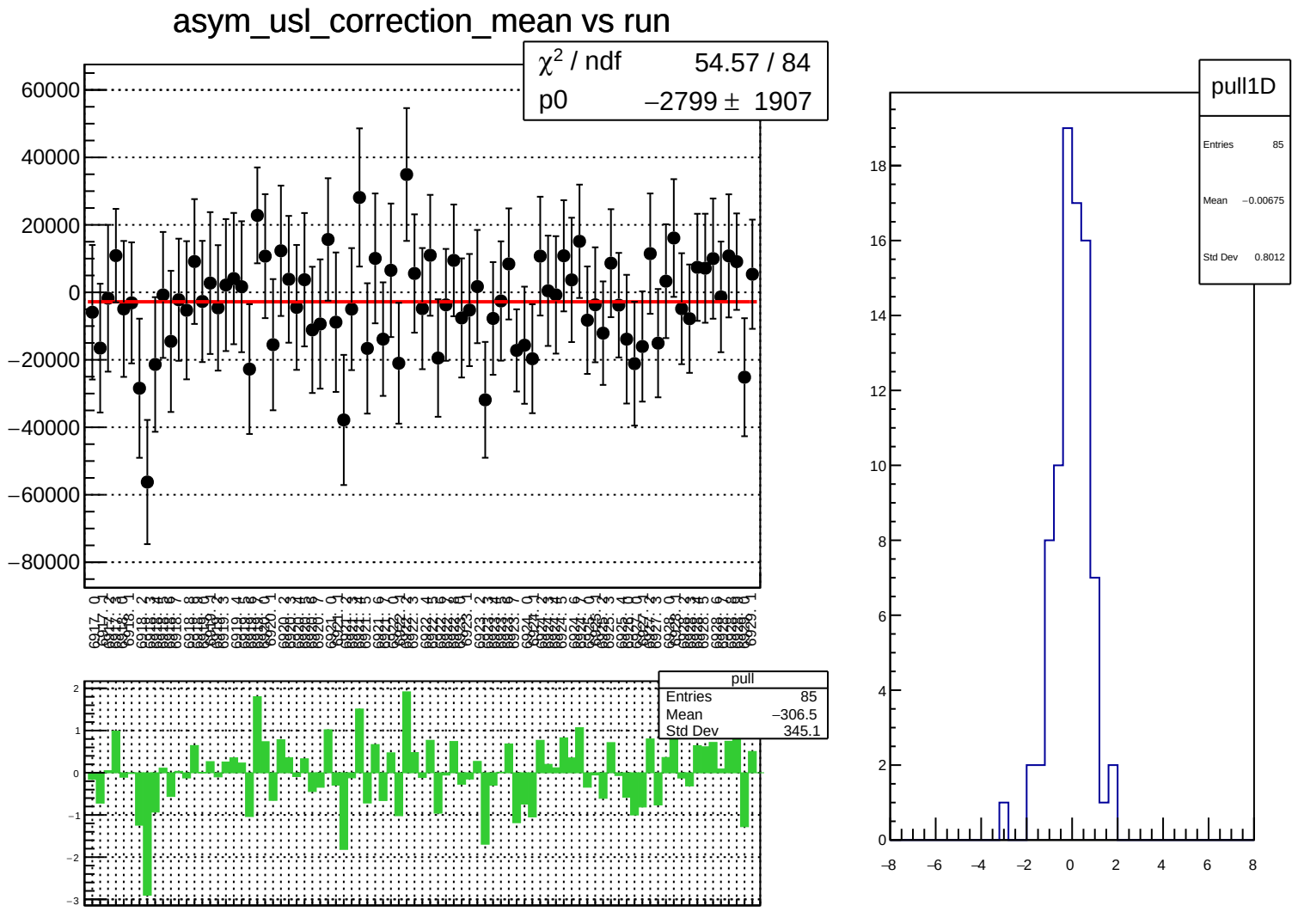

pull1D
Entries 85
Mean −0.004836
Std Dev 0.9625
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

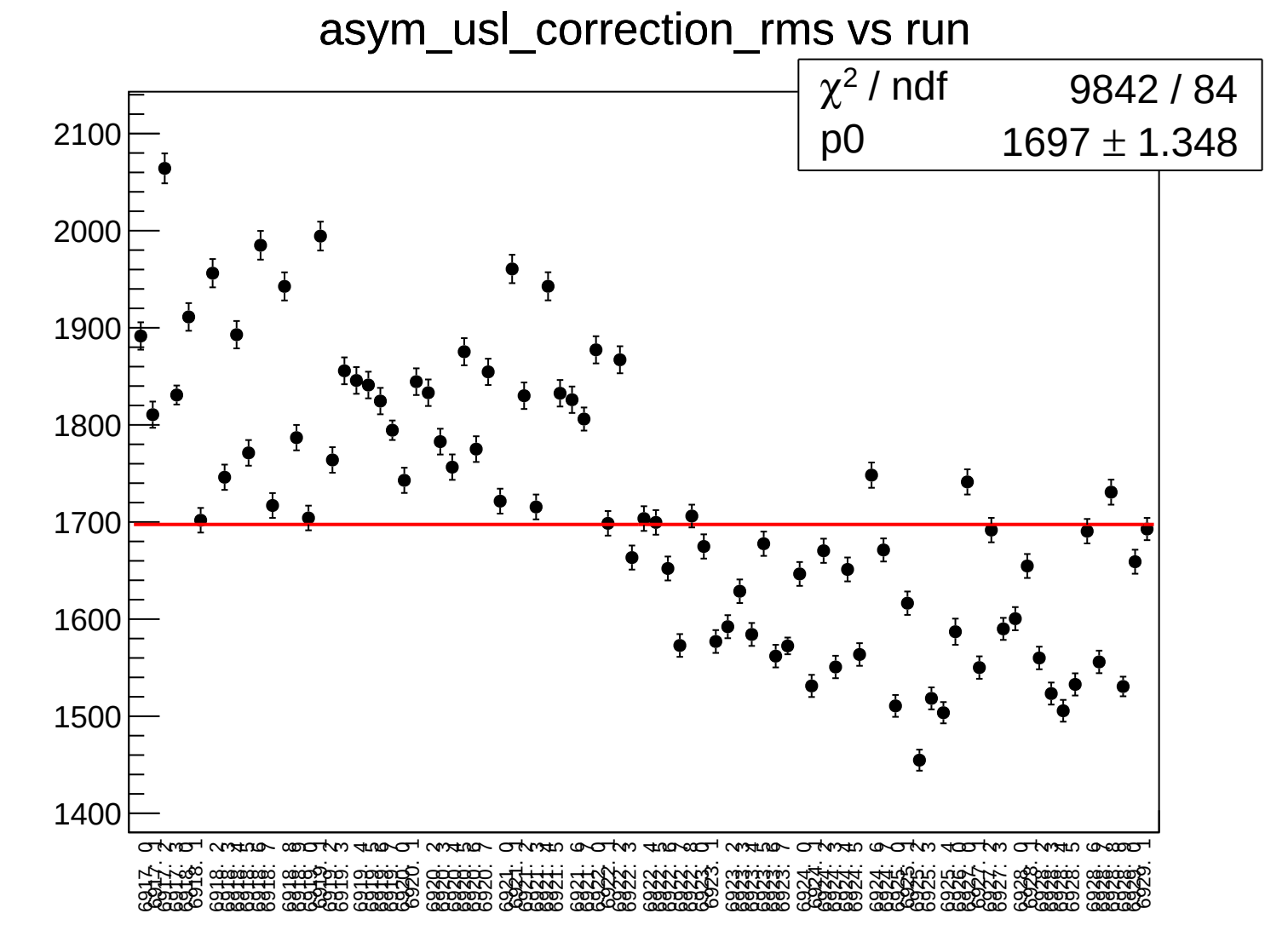

asym_us_dd_rms vs run
χ^2 / ndf 527.1 / 84
p0 983.6 ± 0.779
1060
1040
1020
1000
980
960
940

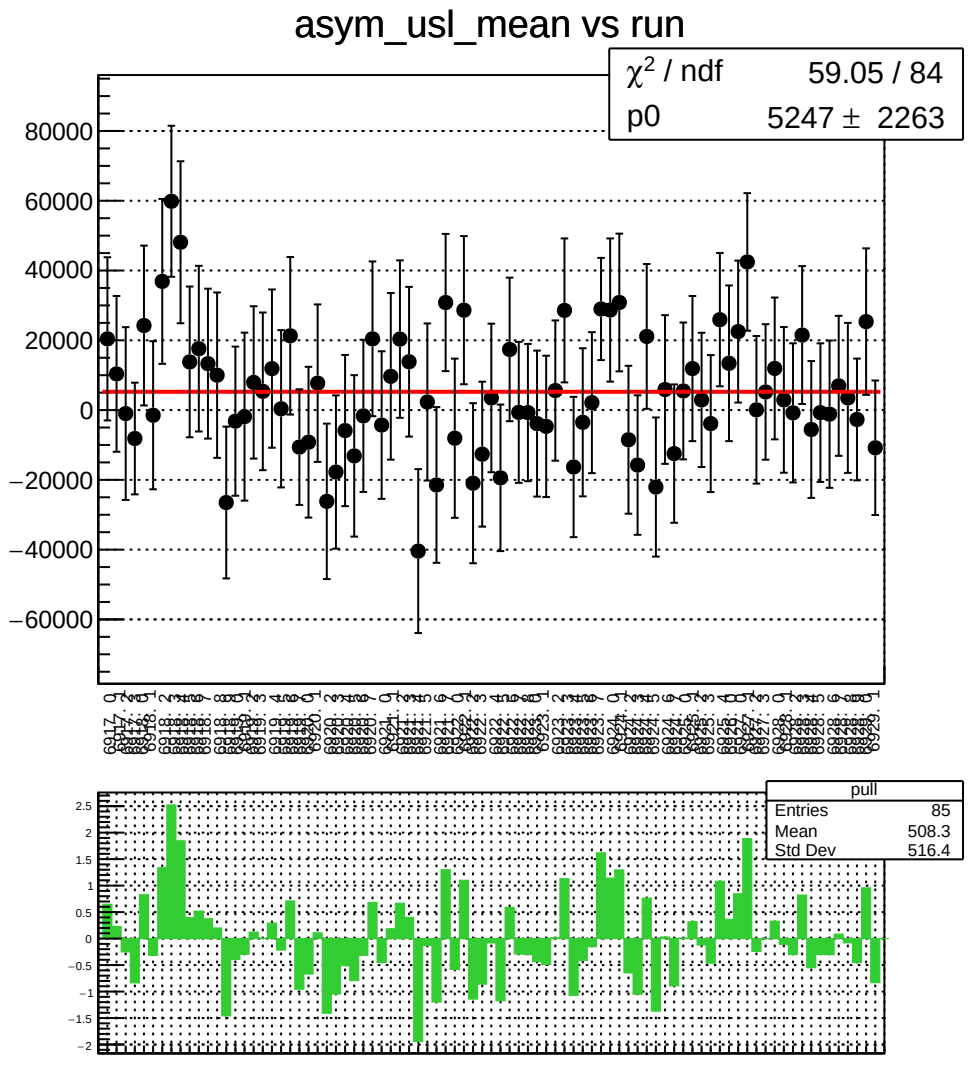

dit_asym_usl_mean vs run
χ² / ndf 74.86 / 84
p0 2400 ± 1250
pull
Entries 85
Mean −131
Std Dev 201.6

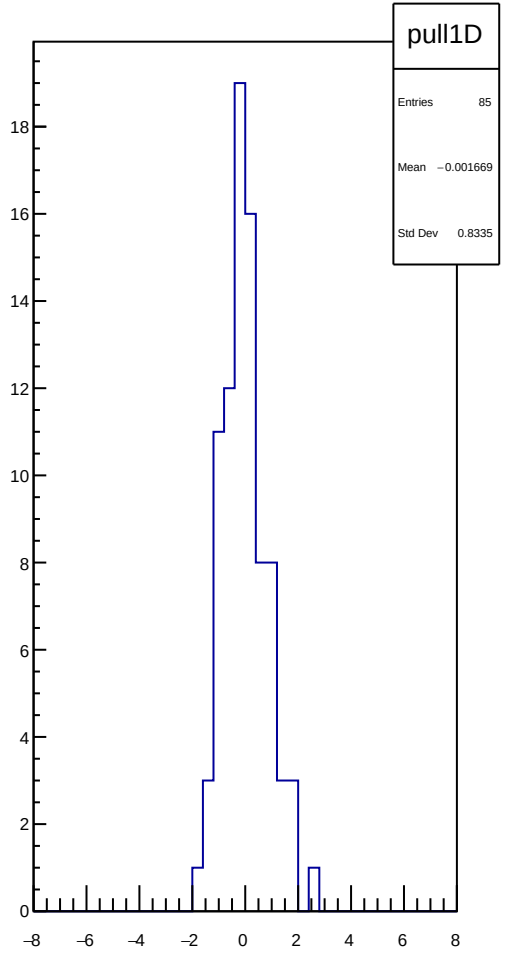

pull1D
Entries 85
Mean −0.01151
Std Dev 0.9384

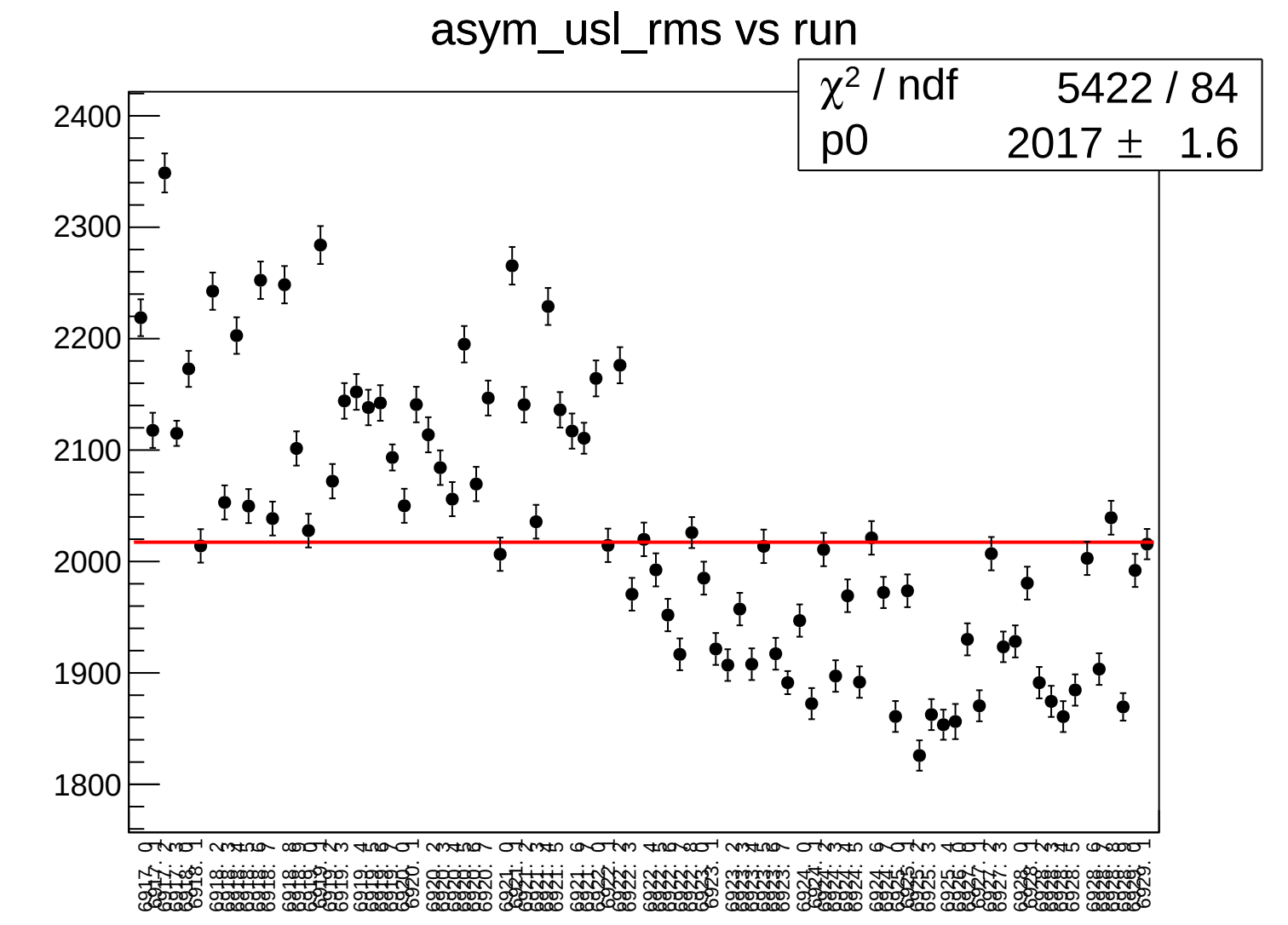

dit_asym_usl_rms vs run
χ² / ndf 78.82 / 84
p0 1116 ± 0.8841
1140
1130
1120
1110
1100
1090

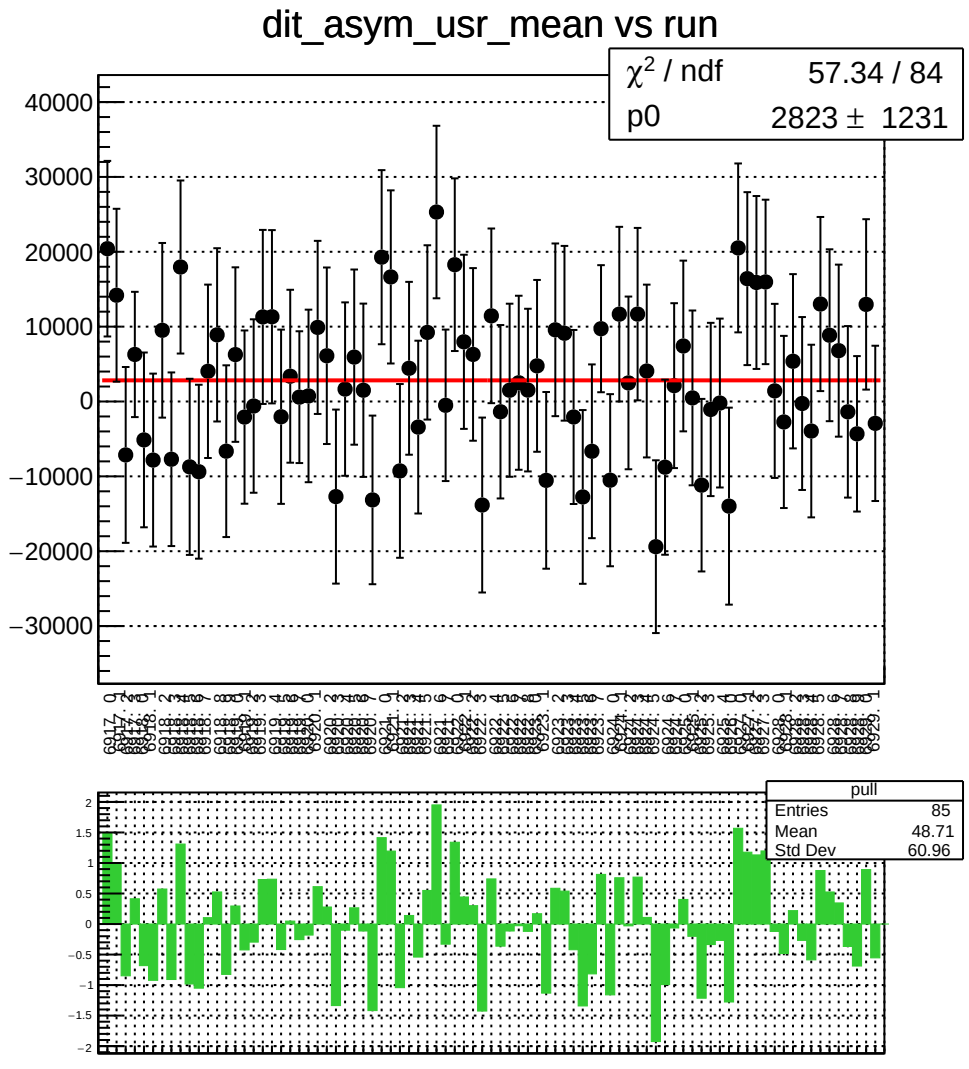

asym_usl_correction_mean vs run
χ² / ndf 54.57 / 84
p0 −2799 ± 1907
pull
Entries 85
Mean −306.5
Std Dev 345.1
pull1D
Entries 85
Mean −0.00675
Std Dev 0.8012

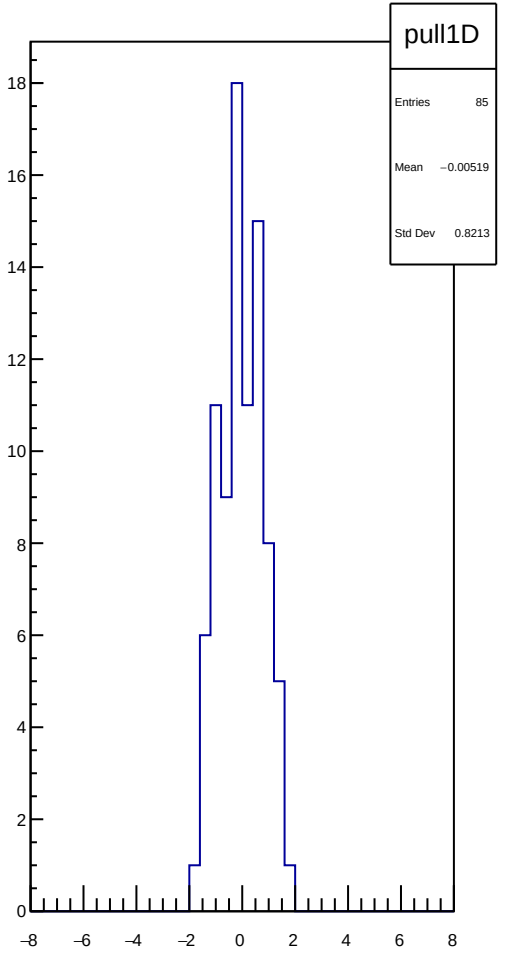

asym_usl_correction_rms vs run
χ² / ndf 9842 / 84
p0 1697 ± 1.348
2100
2000
1900
1800
1700
1600
1500
1400

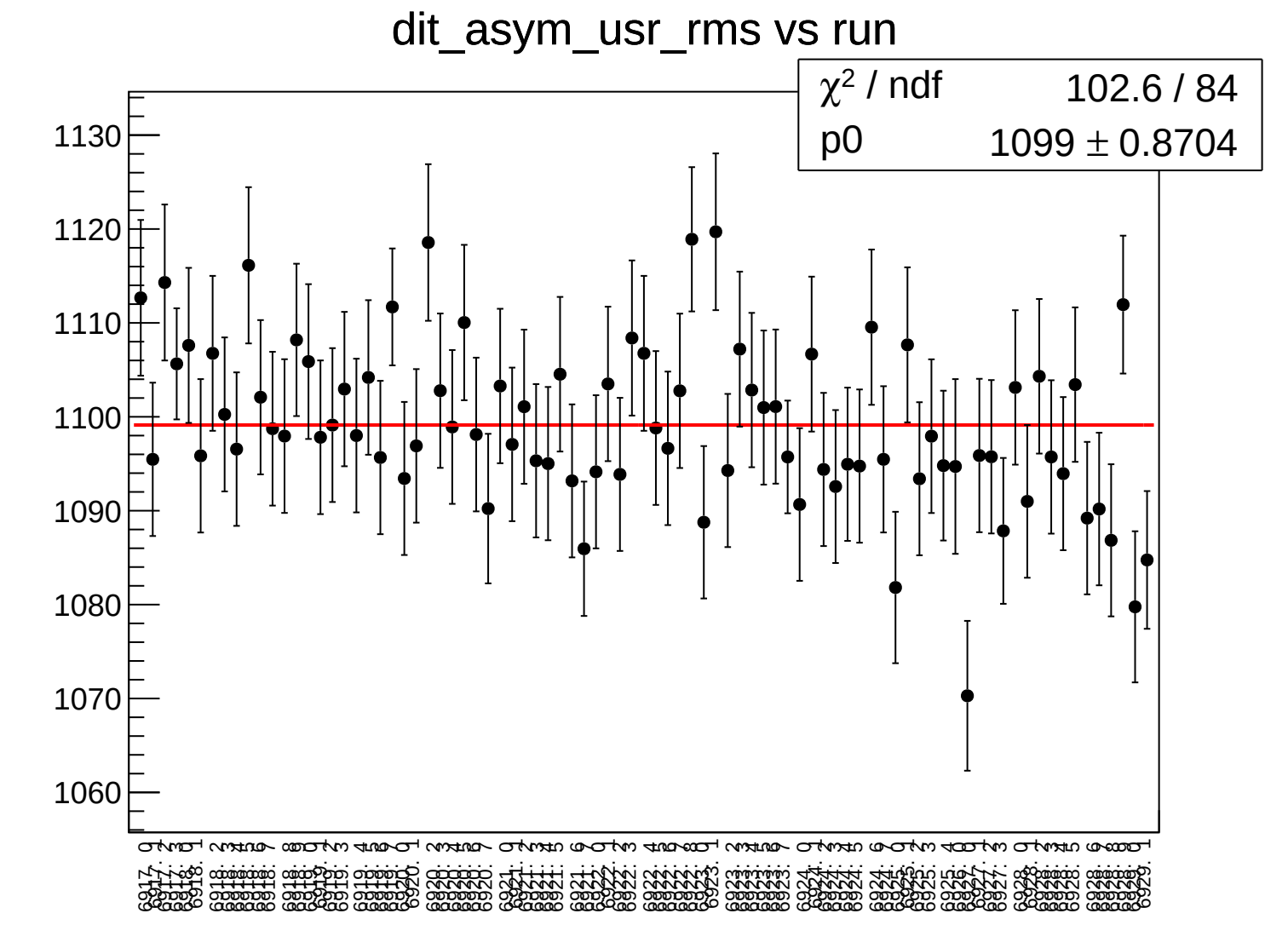

asym_usl_mean vs run
χ² / ndf 59.05 / 84
p0 5247 ± 2263
pull
Entries 85
Mean 508.3
Std Dev 516.4

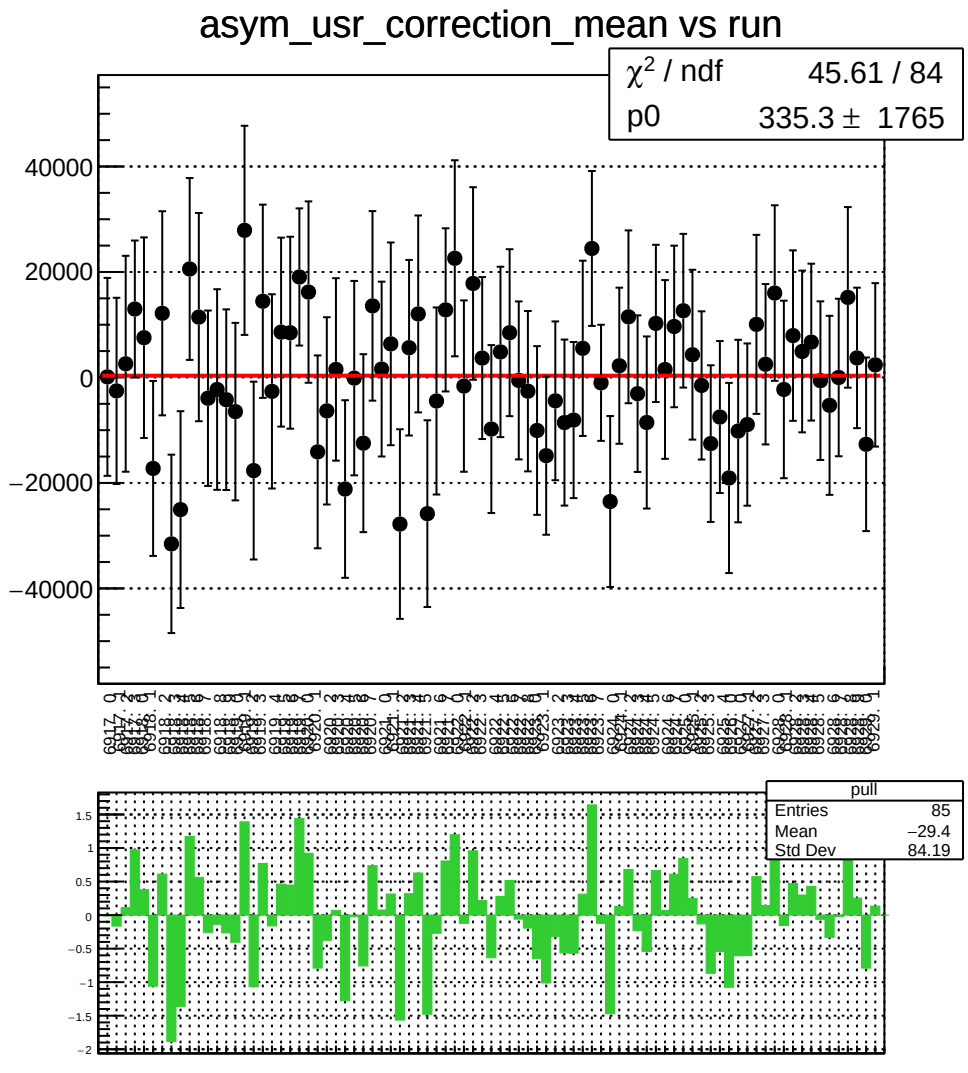

pull1D
Entries 85
Mean −0.001669
Std Dev 0.8335

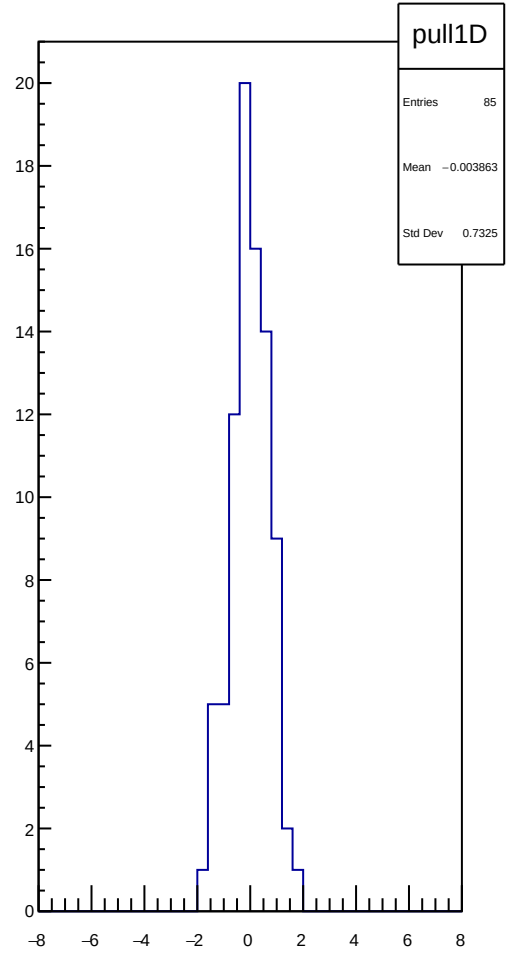

asym_usl_rms vs run
χ² / ndf 5422 / 84
p0 2017 ± 1.6
2400
2300
2200
2100
2000
1900
1800

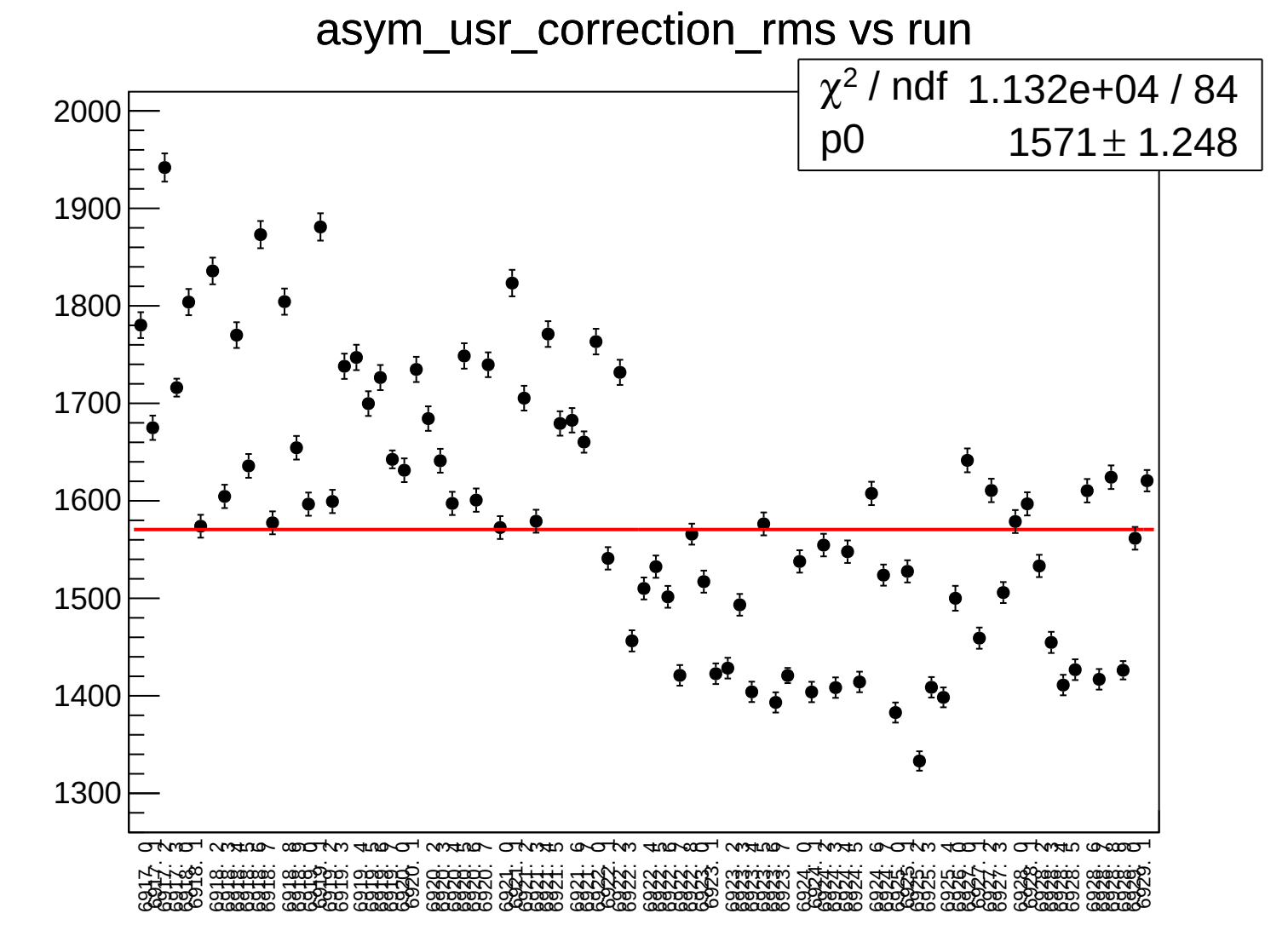

dit_asym_usr_mean vs run
χ² / ndf 57.34 / 84
p0 2823 ± 1231
pull
Entries 85
Mean 48.71
Std Dev 60.96

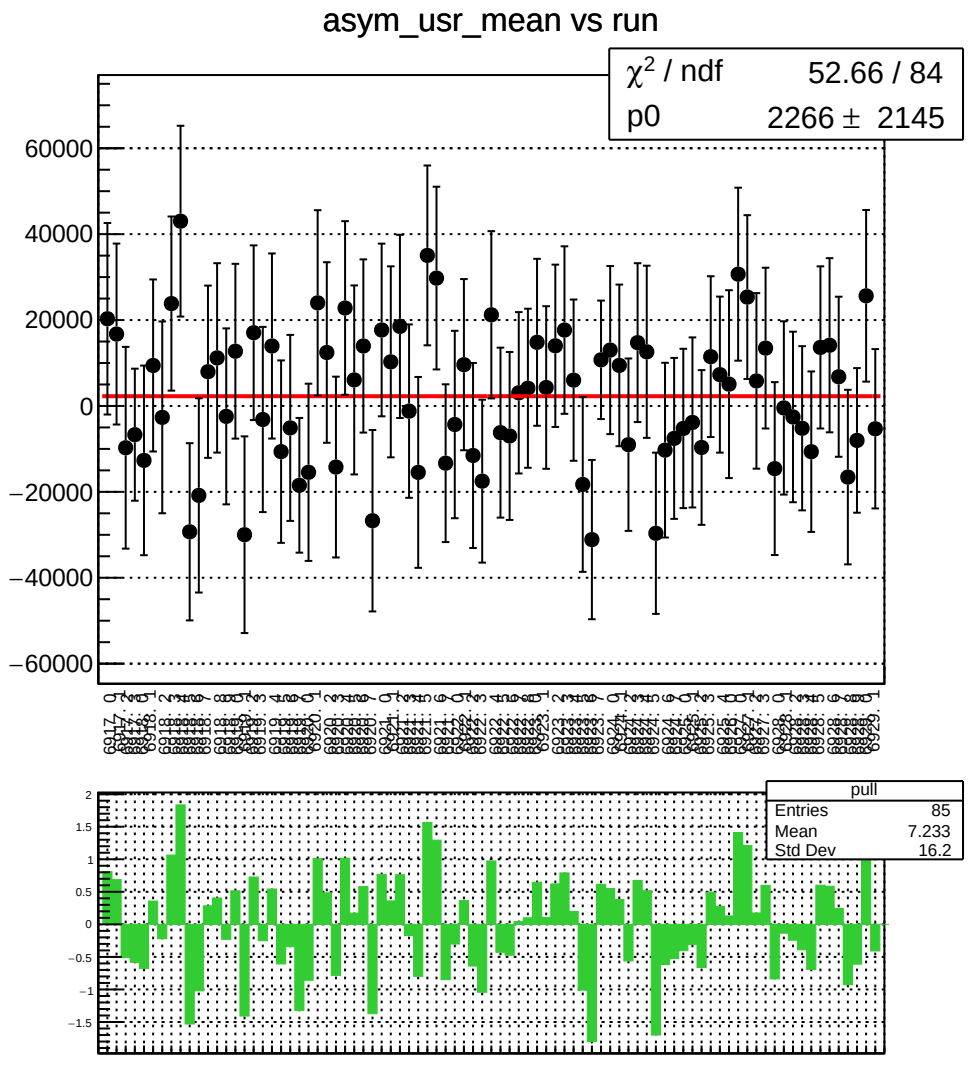

pull1D
Entries 85
Mean −0.00519
Std Dev 0.8213

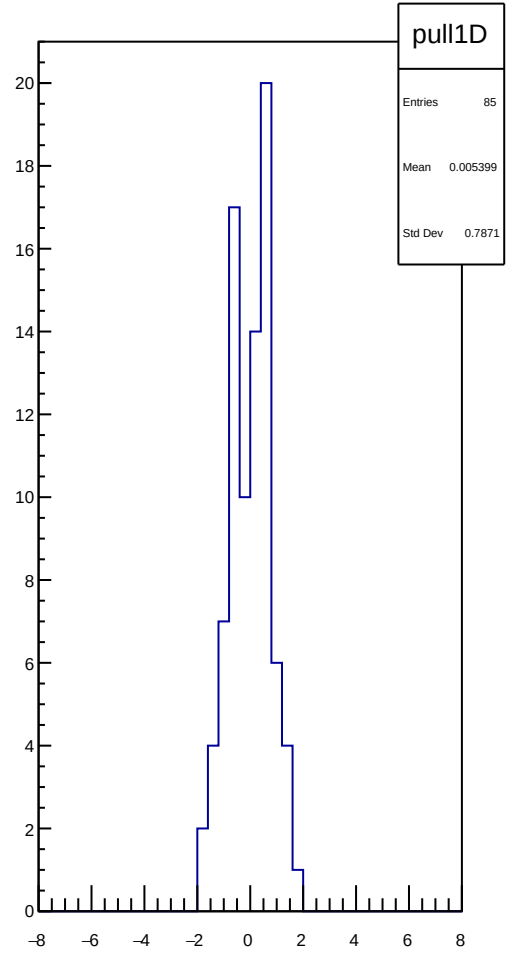

dit_asym_usr_rms vs run
χ² / ndf 102.6 / 84
p0 1099 ± 0.8704
1130
1120
1110
1100
1090
1080
1070
1060

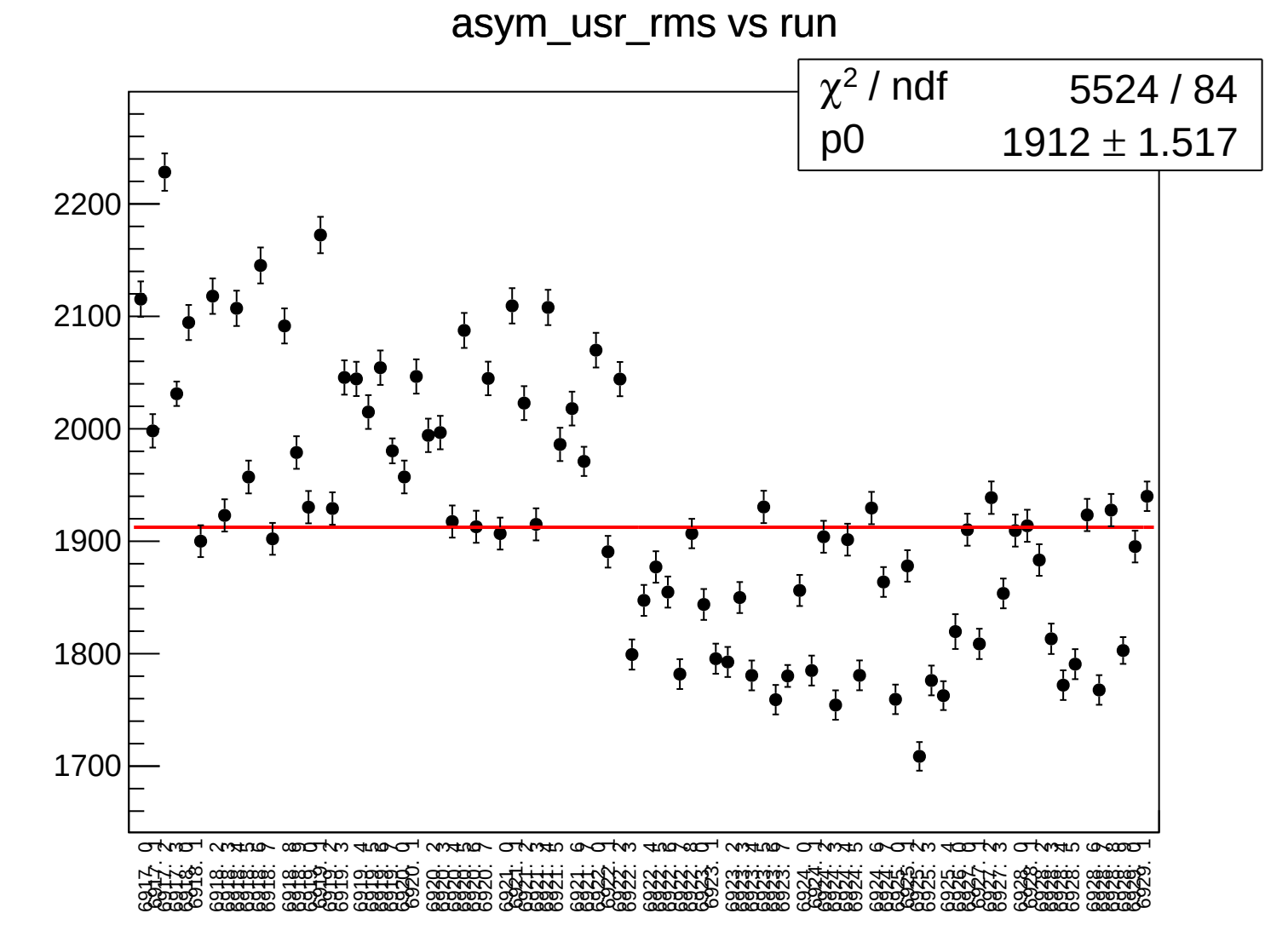

asym_usr_correction_mean vs run
χ² / ndf 45.61 / 84
p0 335.3 ± 1765
40000
20000
0
−20000
−40000
pull
Entries 85
Mean −29.4
Std Dev 84.19
1.5
1
0.5
0
−0.5
−1
−1.5
−2

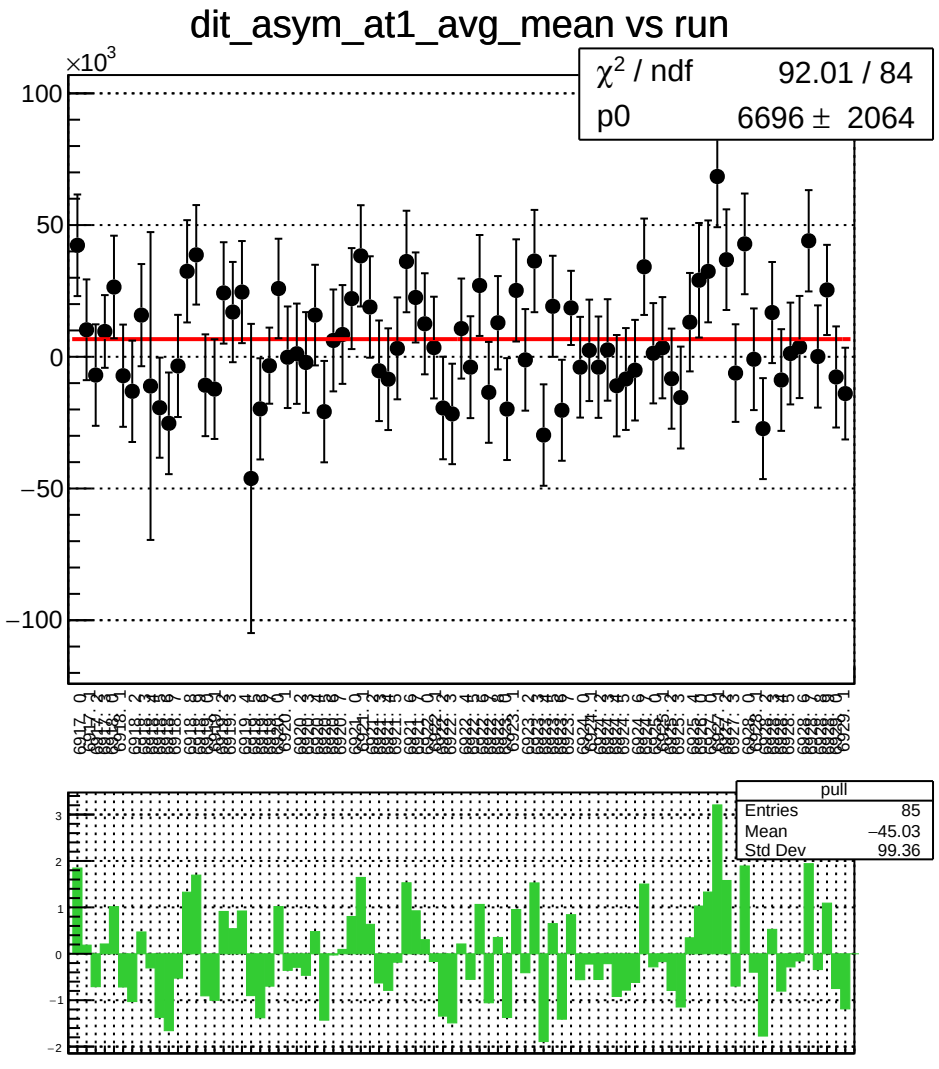

pull1D
Entries 85
Mean −0.003863
Std Dev 0.7325
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

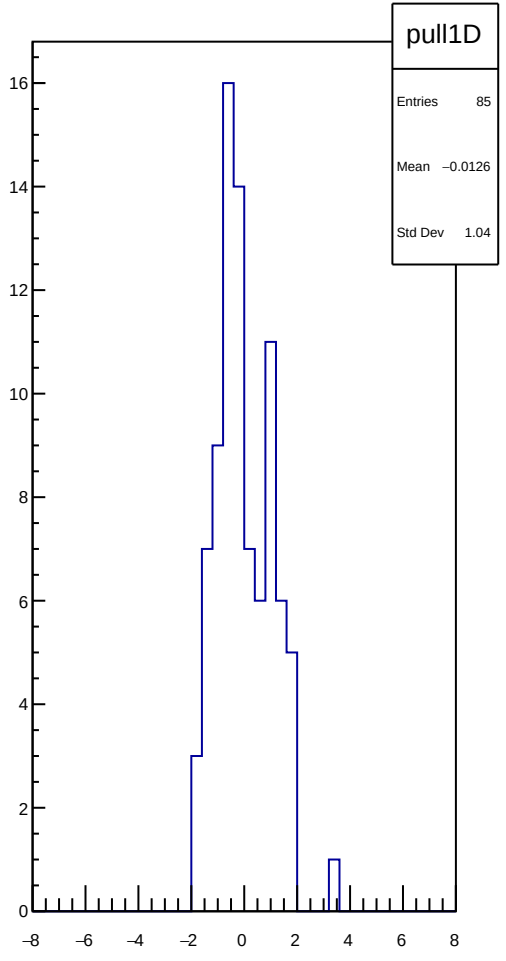

asym_usr_correction_rms vs run
χ² / ndf 1.132e+04 / 84
p0 1571 ± 1.248
2000
1900
1800
1700
1600
1500
1400
1300

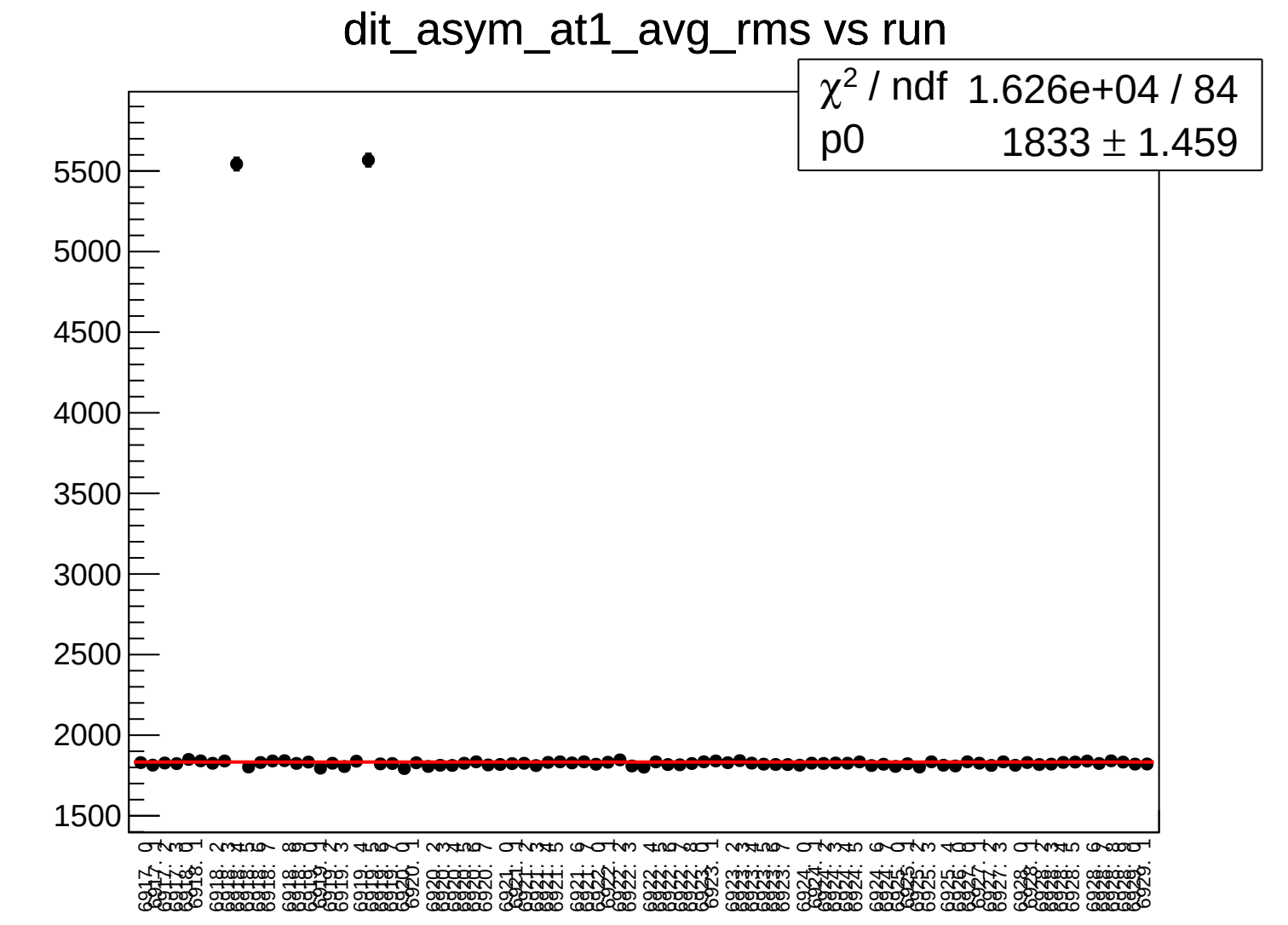

asym_usr_mean vs run
χ² / ndf 52.66 / 84
p0 2266 ± 2145
pull
Entries 85
Mean 7.233
Std Dev 16.2

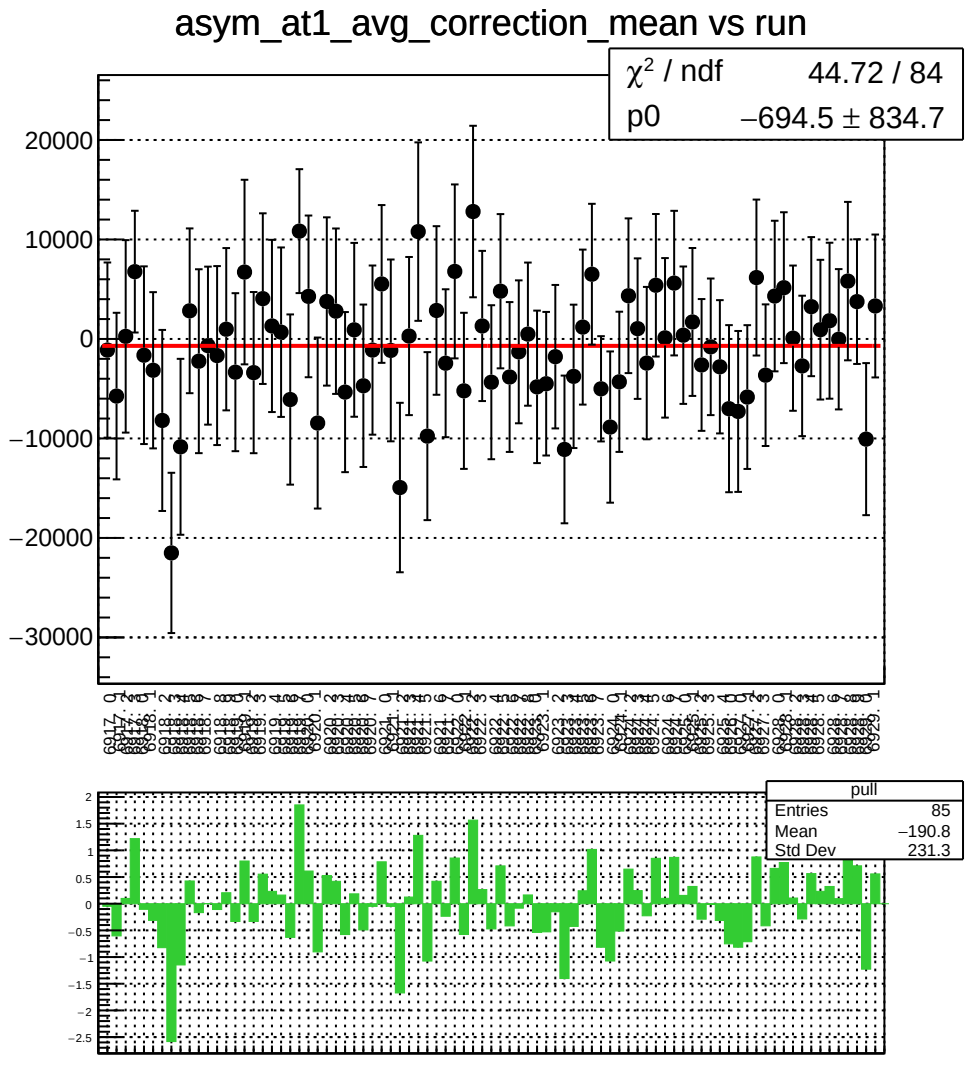

pull1D
Entries 85
Mean 0.005399
Std Dev 0.7871

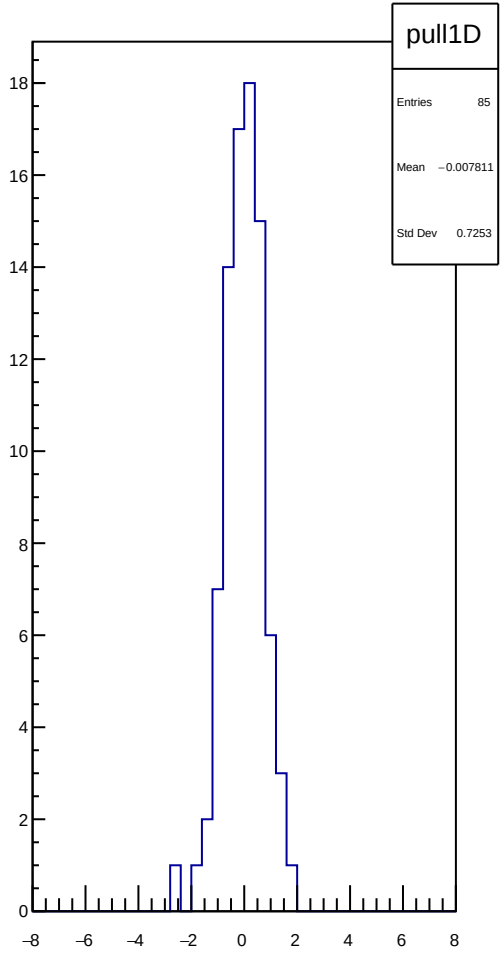

asym_usr_rms vs run
χ² / ndf 5524 / 84
p0 1912 ± 1.517
2200
2100
2000
1900
1800
1700

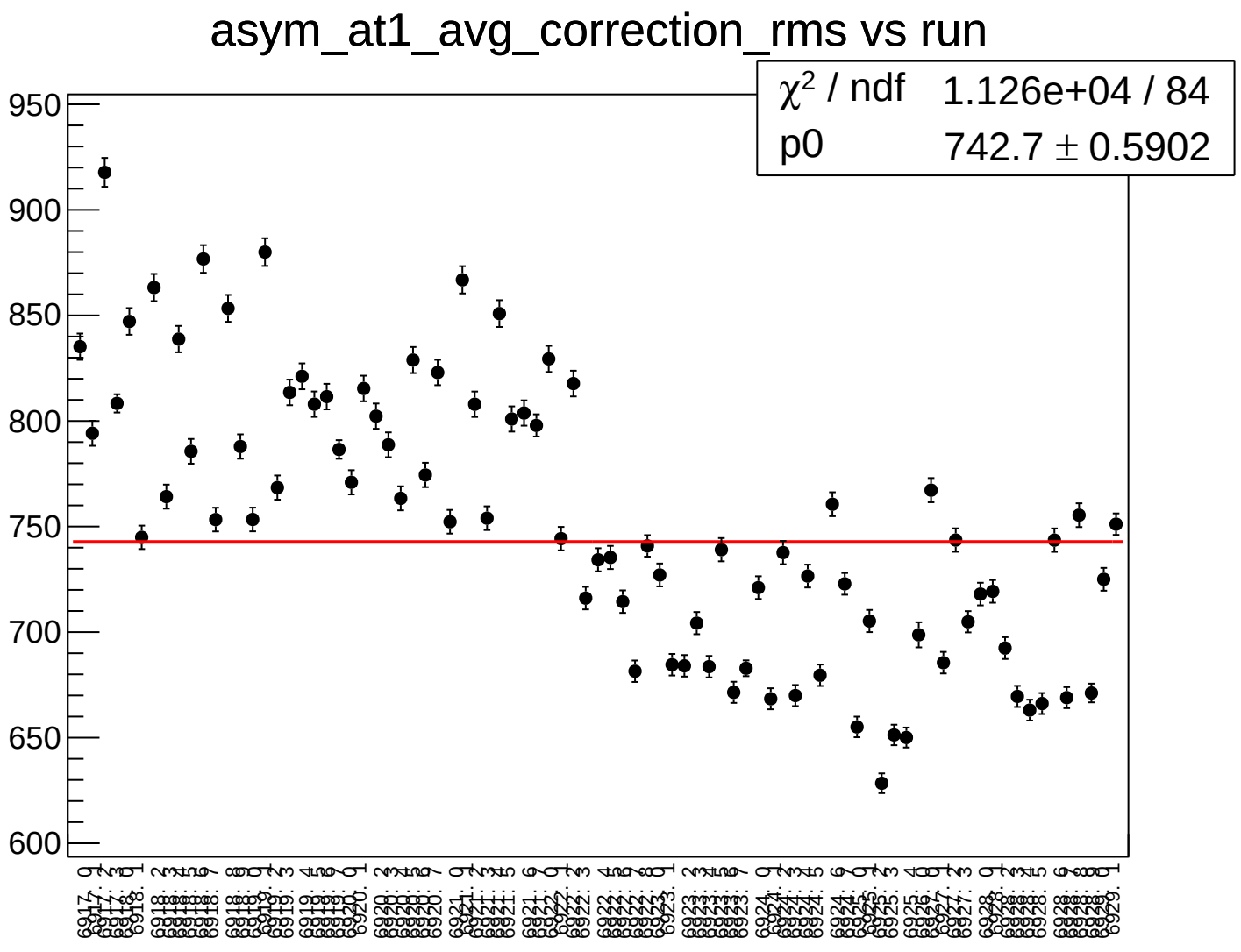

dit_asym_at1_avg_mean vs run
×10^3
χ^2 / ndf 92.01 / 84
p0 6696 ± 2064
100
50
0
−50
−100
pull
Entries 85
Mean −45.03
Std Dev 99.36
3
2
1
0
−1
−2

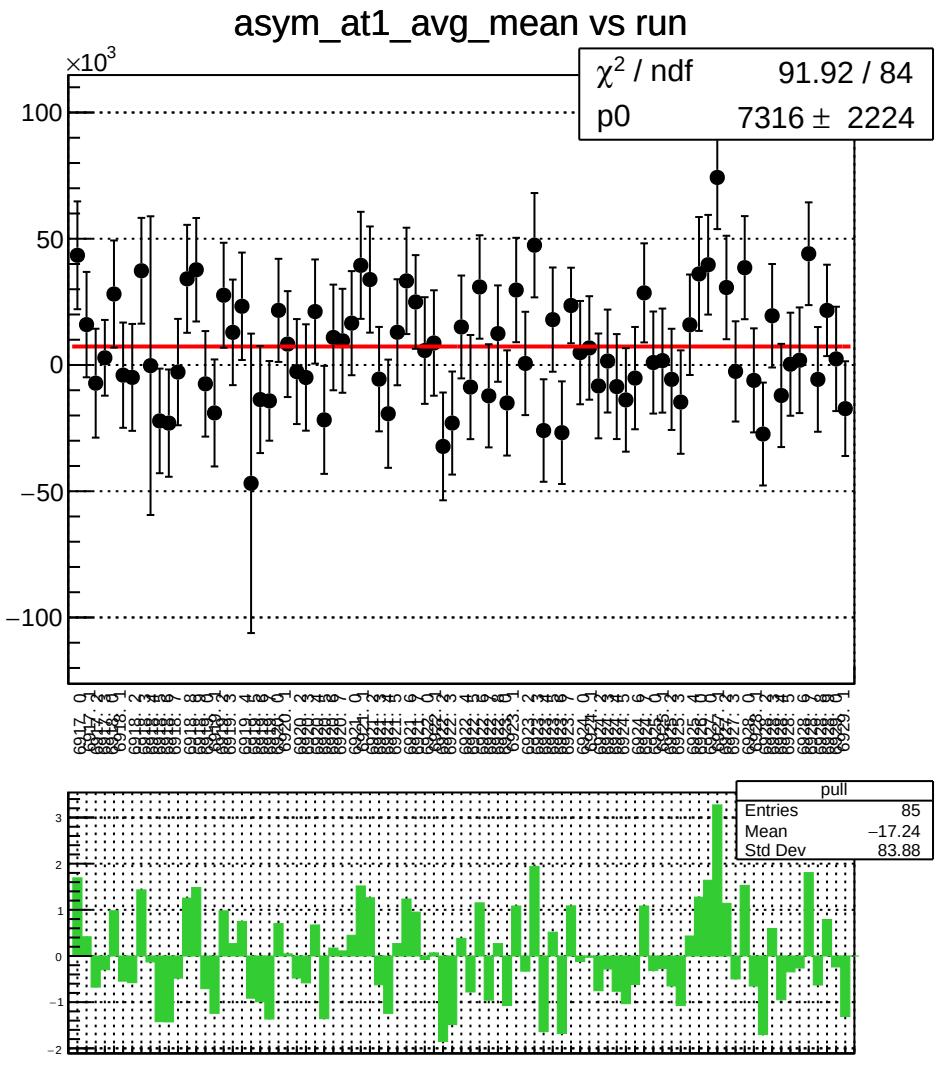

pull1D
Entries 85
Mean −0.0126
Std Dev 1.04
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

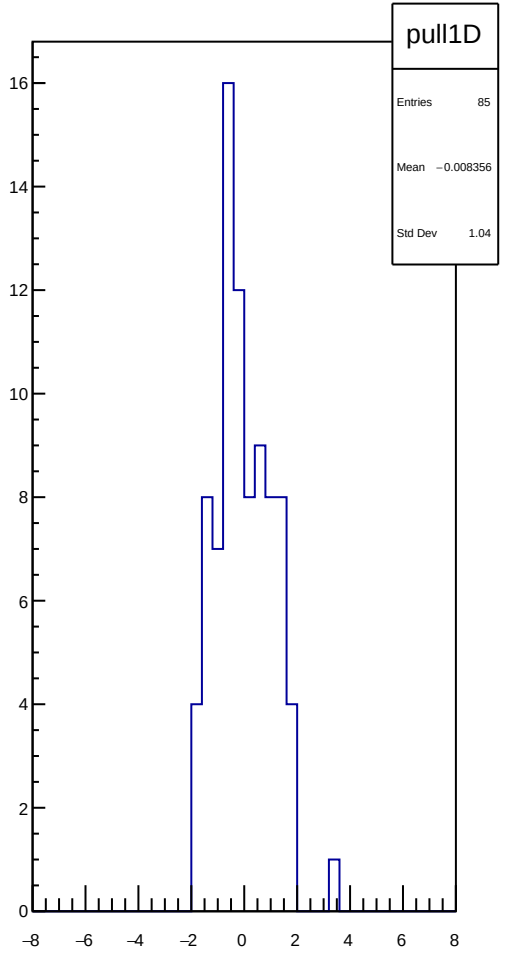

dit_asym_at1_avg_rms vs run
χ^2 / ndf 1.626e+04 / 84
p0 1833 ± 1.459
5500
5000
4500
4000
3500
3000
2500
2000
1500

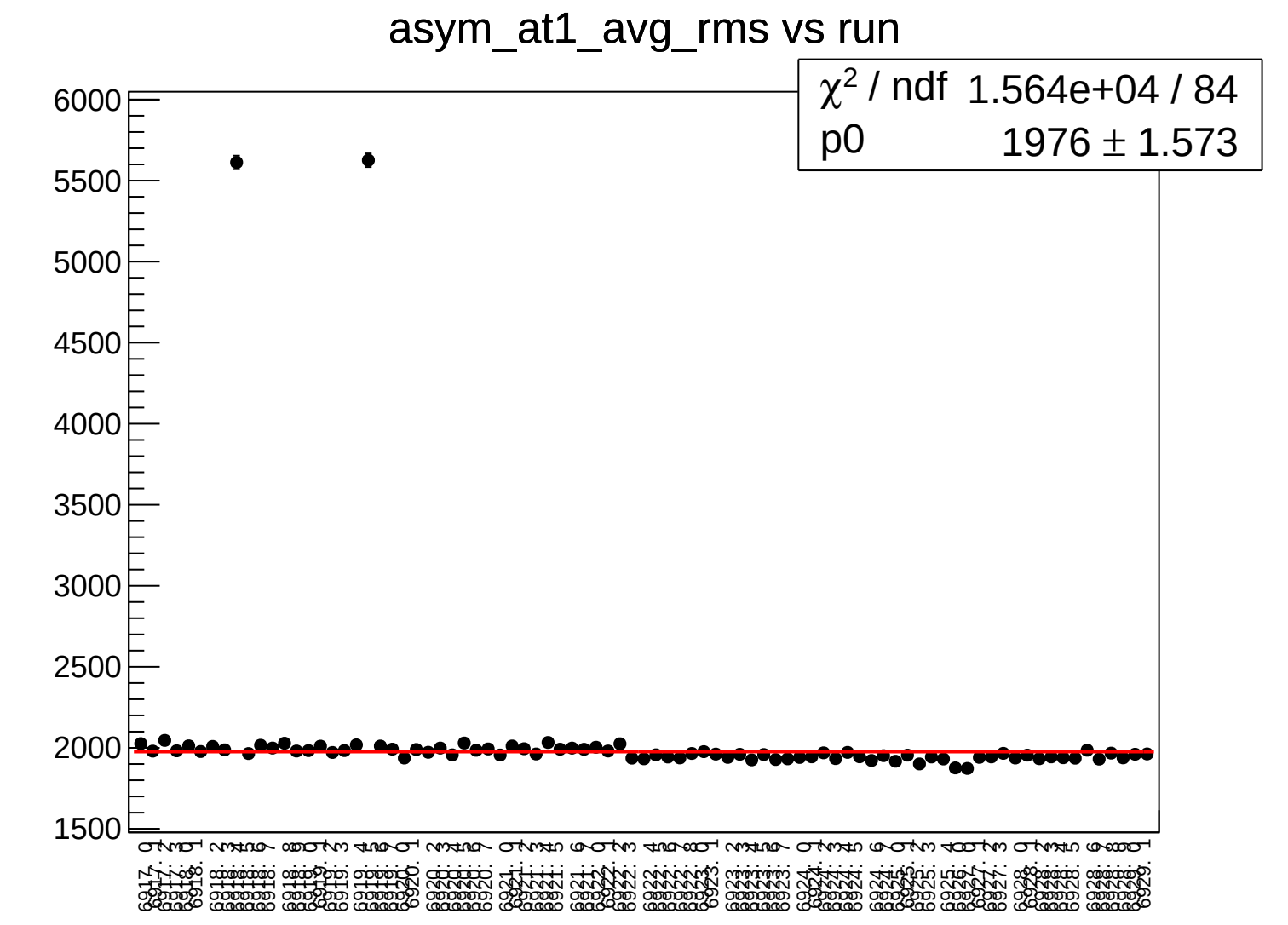

asym_at1_avg_correction_mean vs run
χ² / ndf 44.72 / 84
p0 −694.5 ± 834.7
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean −190.8
Std Dev 231.3
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

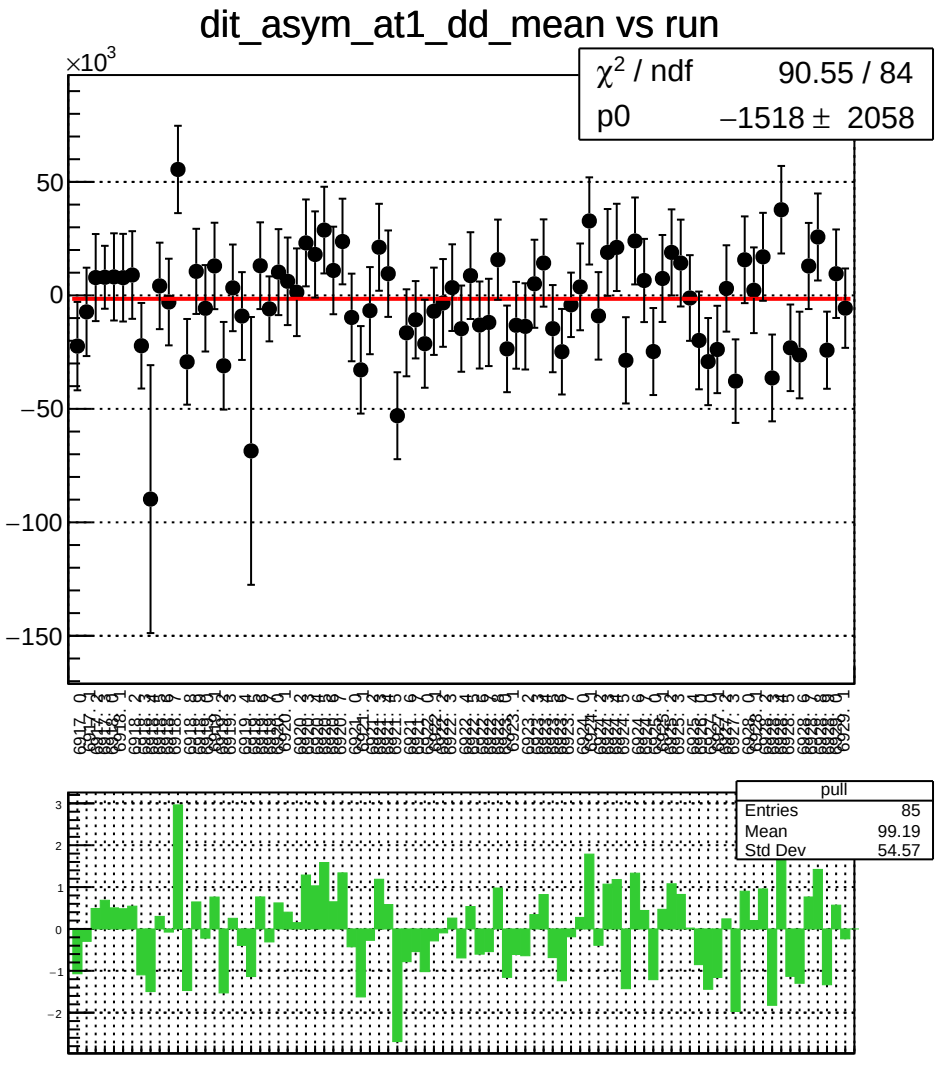

pull1D
Entries 85
Mean −0.007811
Std Dev 0.7253
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

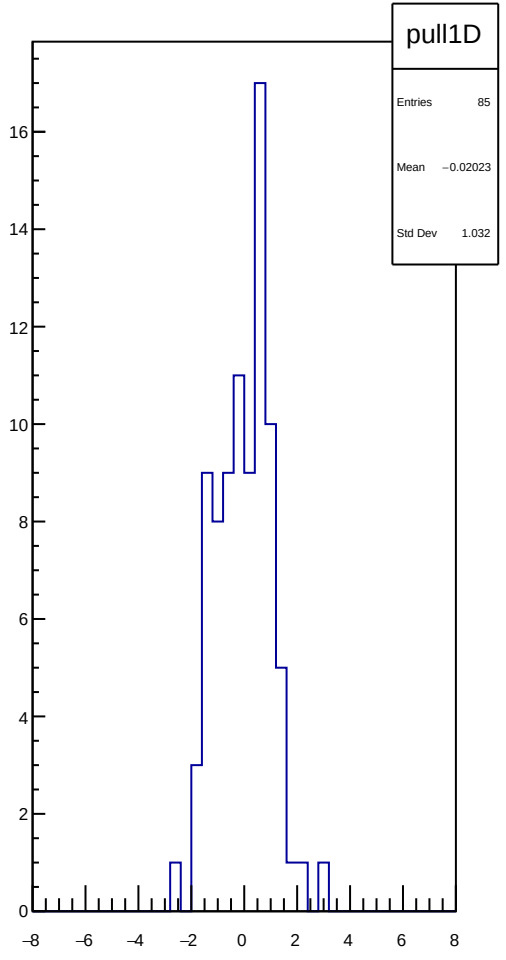

asym_at1_avg_correction_rms vs run
χ² / ndf 1.126e+04 / 84
p0 742.7 ± 0.5902
950
900
850
800
750
700
650
600

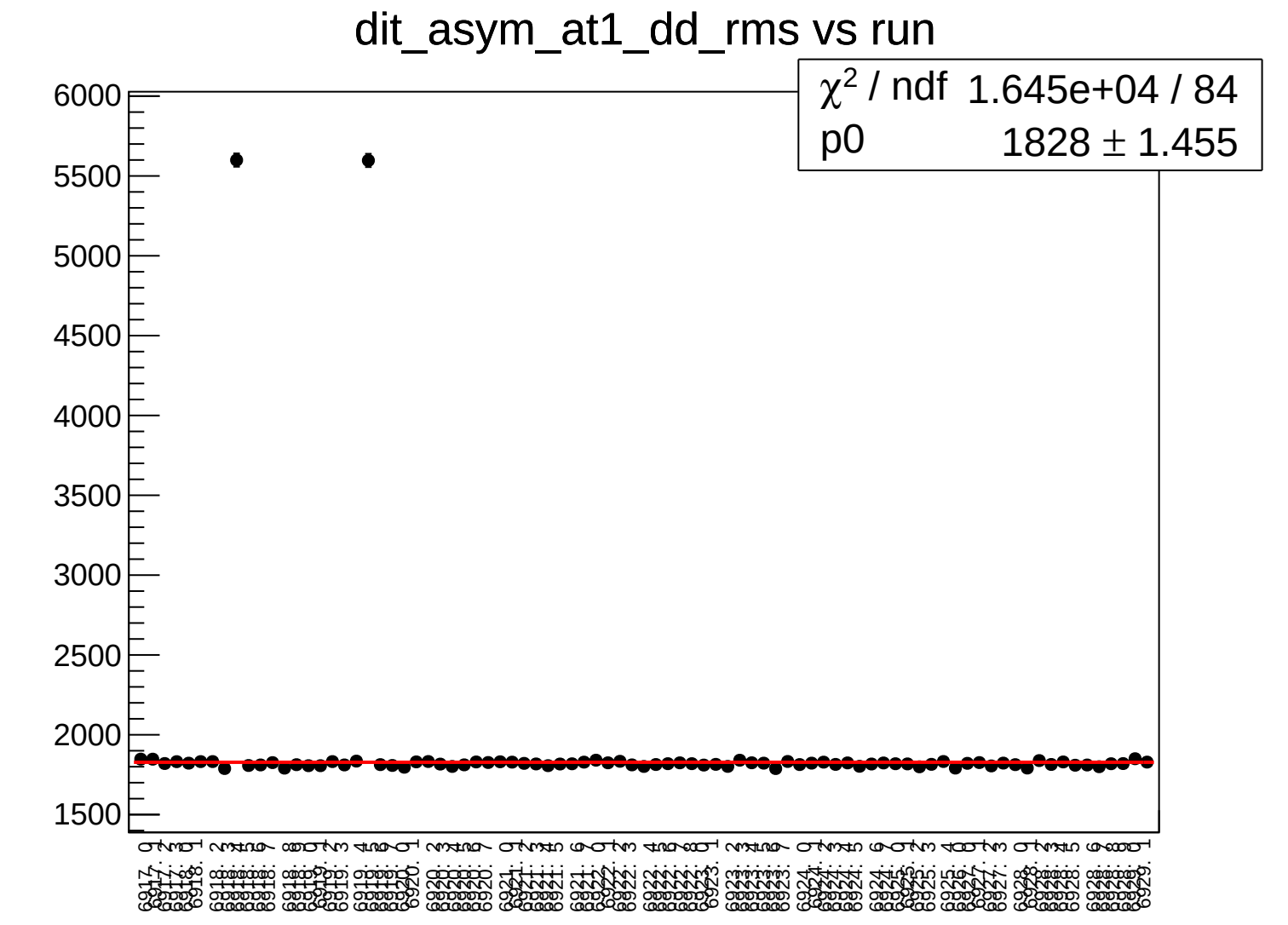

asym_at1_avg_mean vs run
×10^3
χ² / ndf 91.92 / 84
p0 7316 ± 2224
100
50
0
−50
−100
pull
Entries 85
Mean −17.24
Std Dev 83.88
3
2
1
0
−1
−2

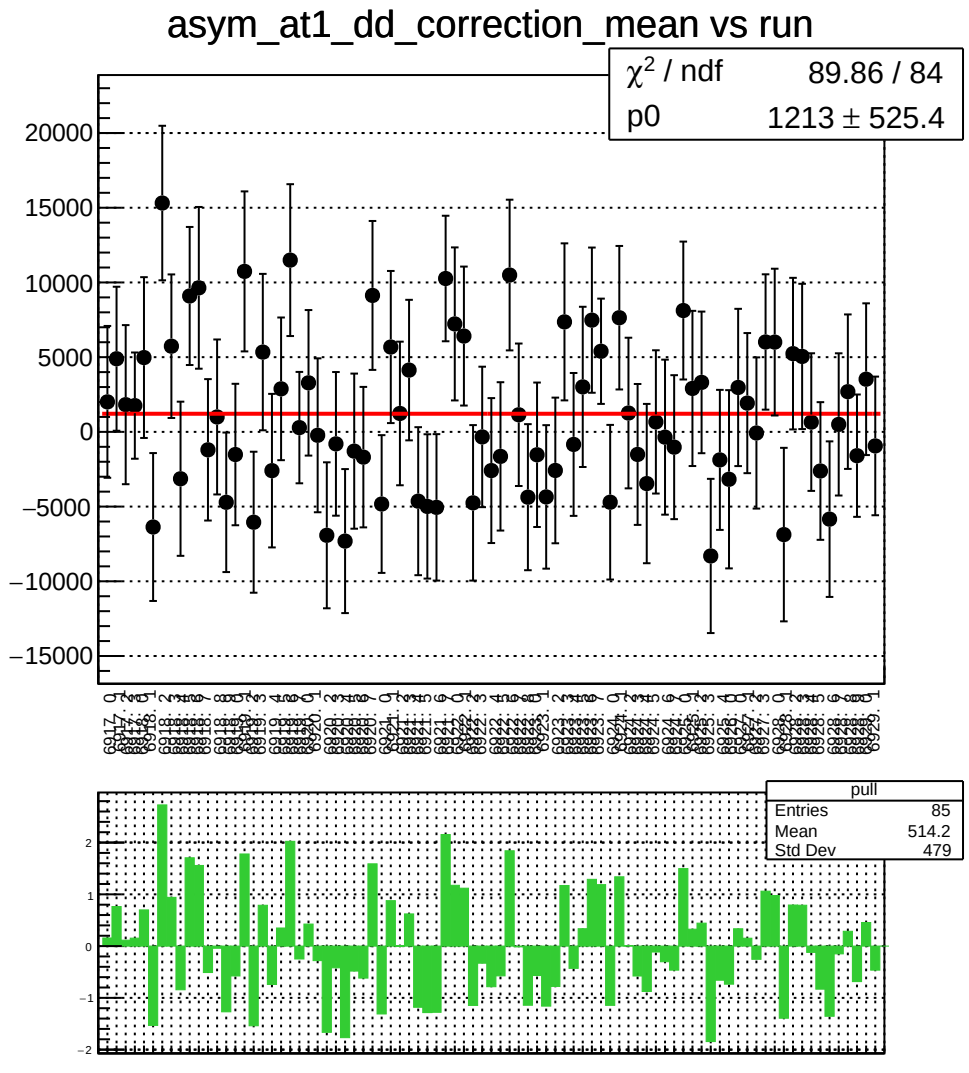

pull1D
Entries 85
Mean −0.008356
Std Dev 1.04
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

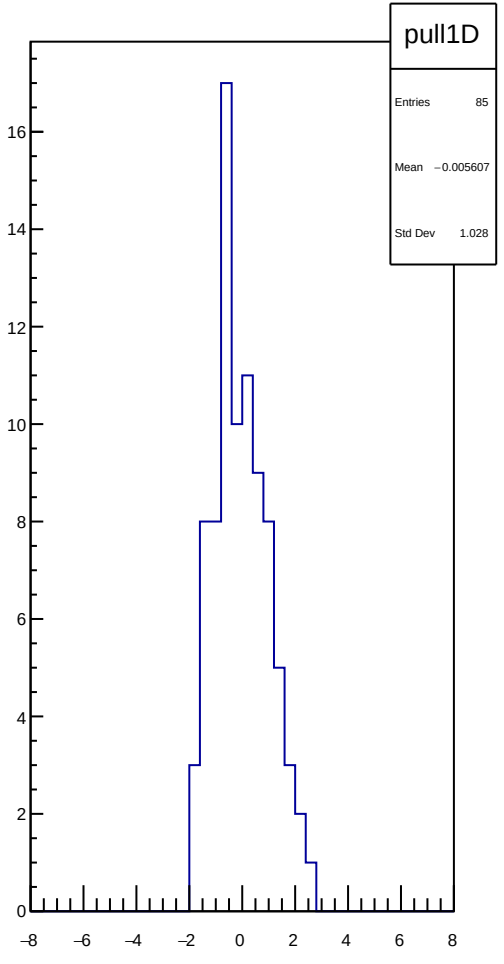

asym_at1_avg_rms vs run
χ^2 / ndf 1.564e+04 / 84
p0 1976 ± 1.573
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

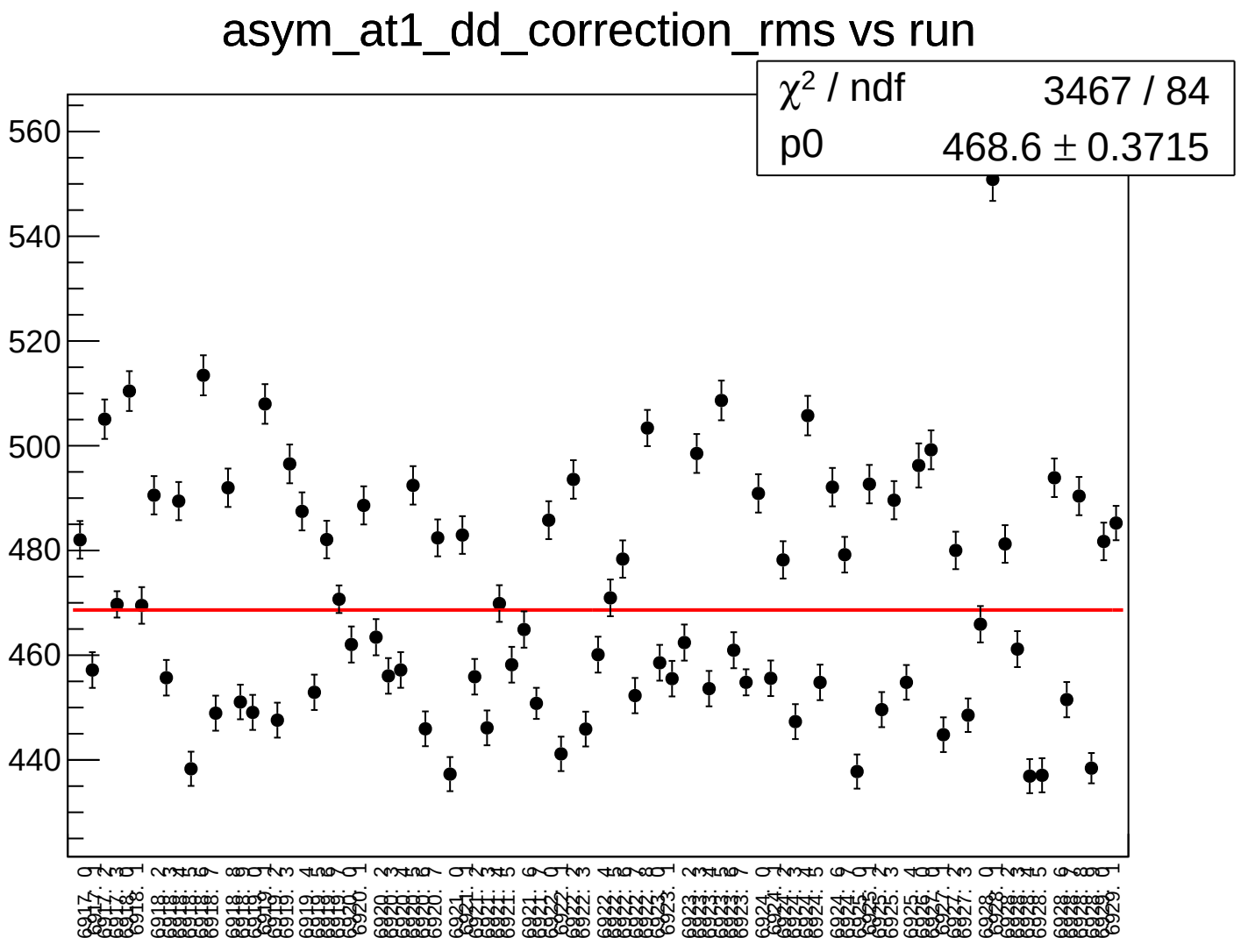

dit_asym_at1_dd_mean vs run
×10^3
χ^2 / ndf 90.55 / 84
p0 −1518 ± 2058
50
0
−50
−100
−150
pull
Entries 85
Mean 99.19
Std Dev 54.57
3
2
1
0
−1
−2

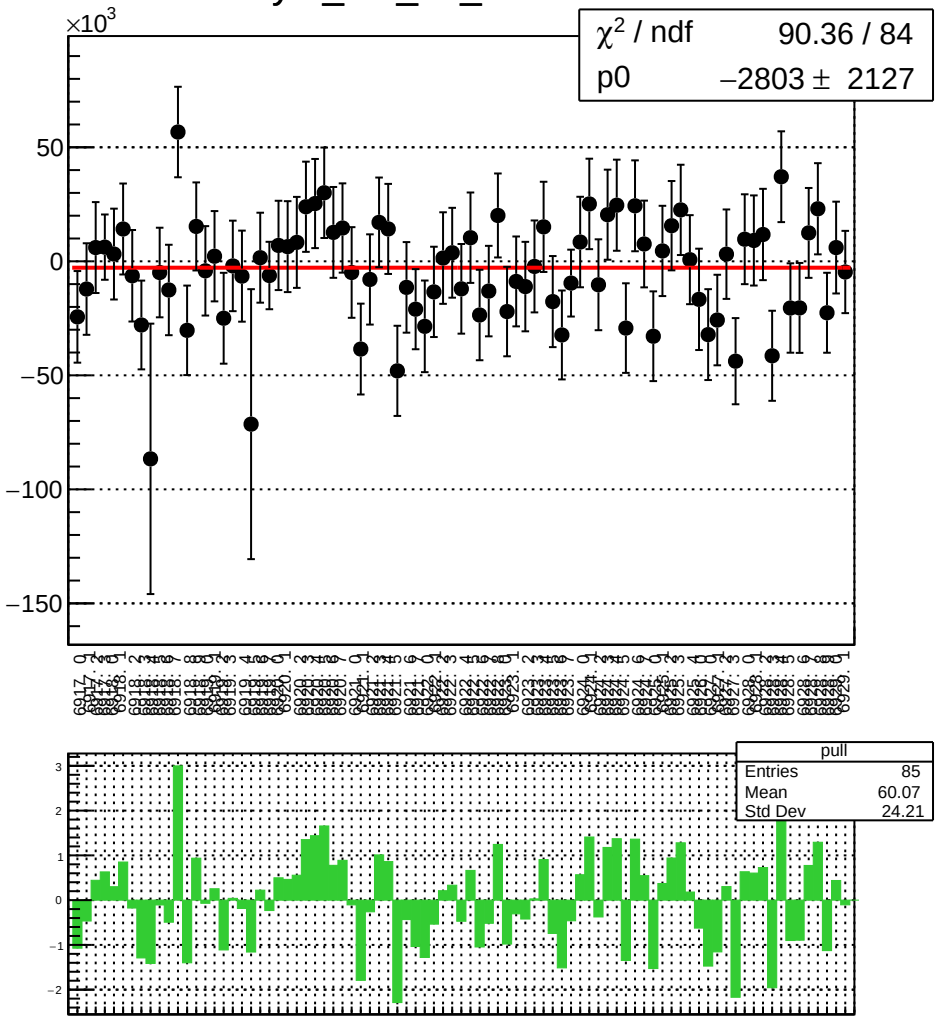

pull1D
Entries 85
Mean −0.02023
Std Dev 1.032
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

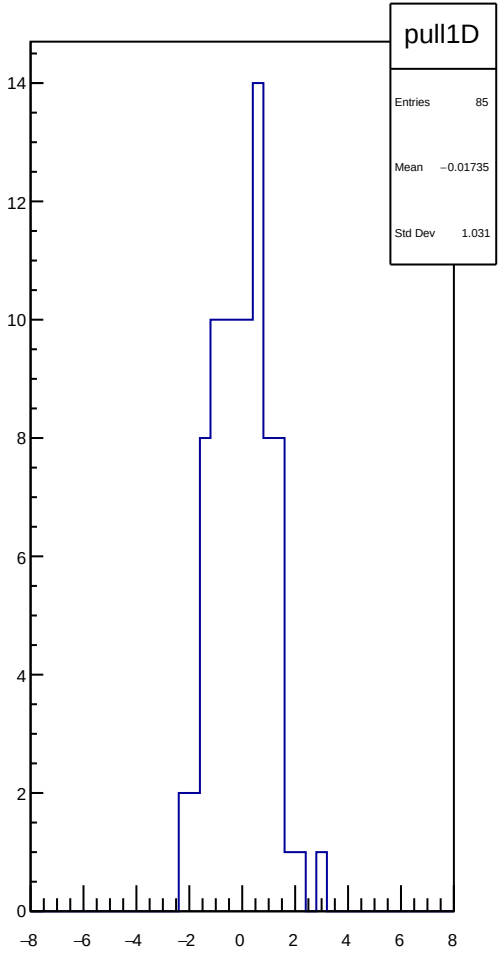

dit_asym_at1_dd_rms vs run
χ^2 / ndf 1.645e+04 / 84
p0 1828 ± 1.455
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

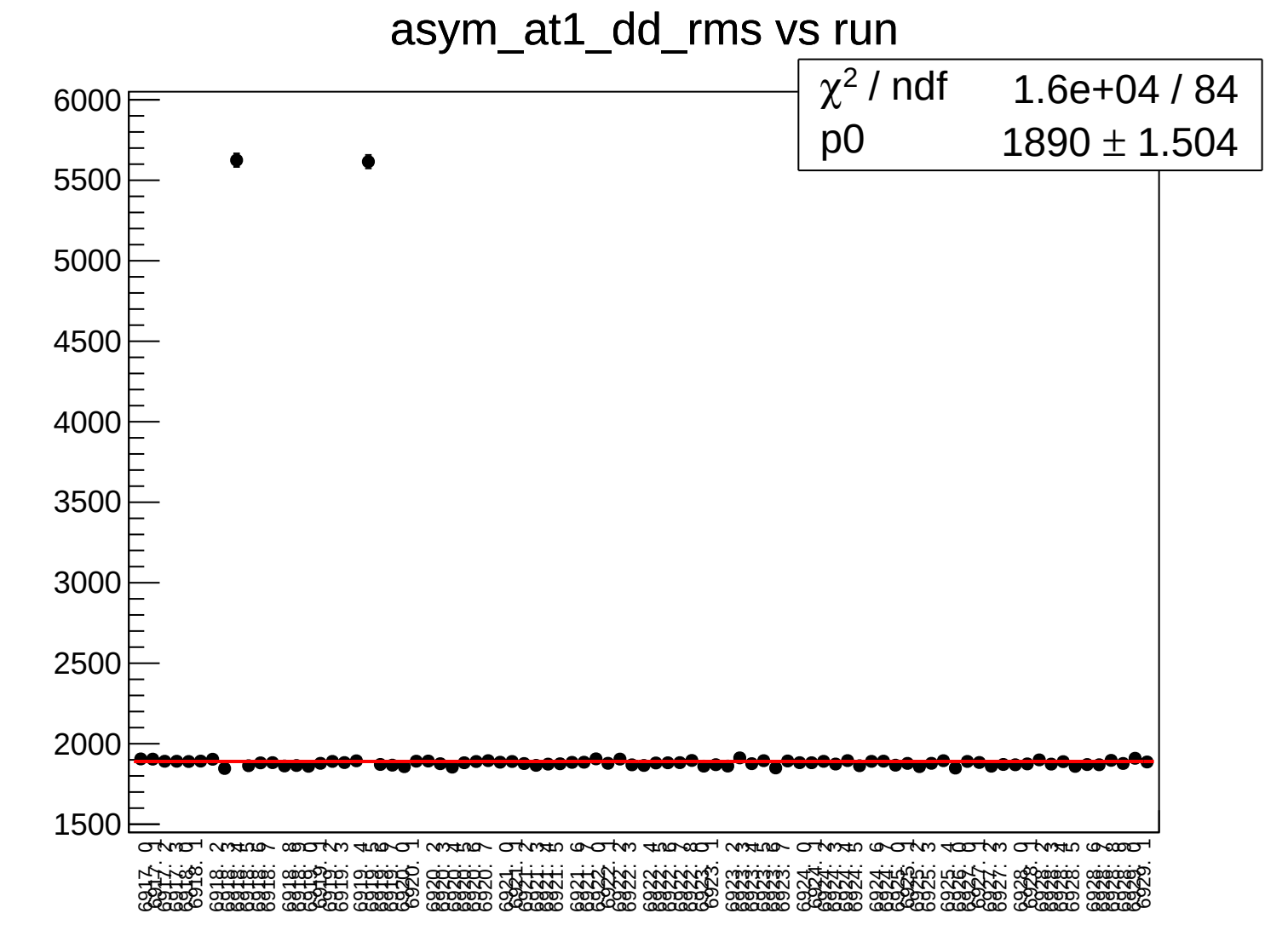

asym_at1_dd_correction_mean vs run
χ² / ndf 89.86 / 84
p0 1213 ± 525.4
pull
Entries 85
Mean 514.2
Std Dev 479

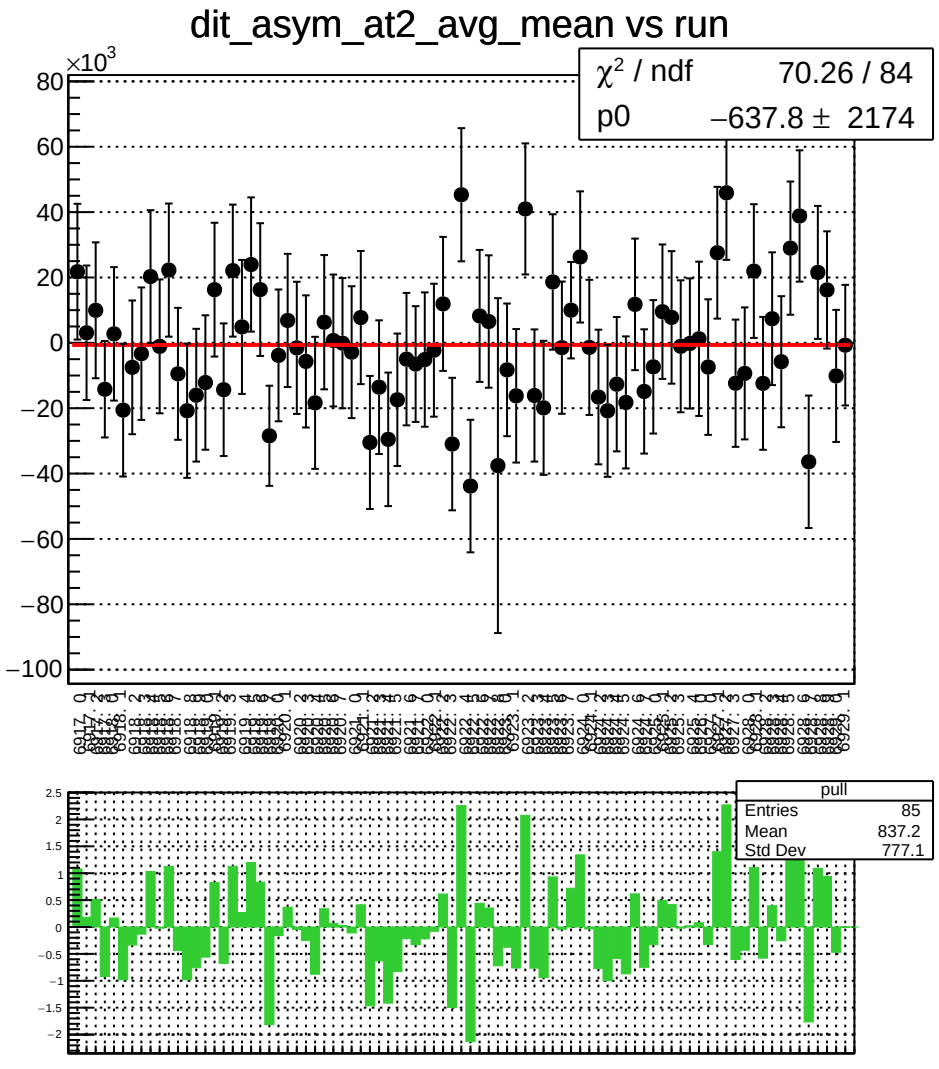

pull1D
Entries 85
Mean −0.005607
Std Dev 1.028

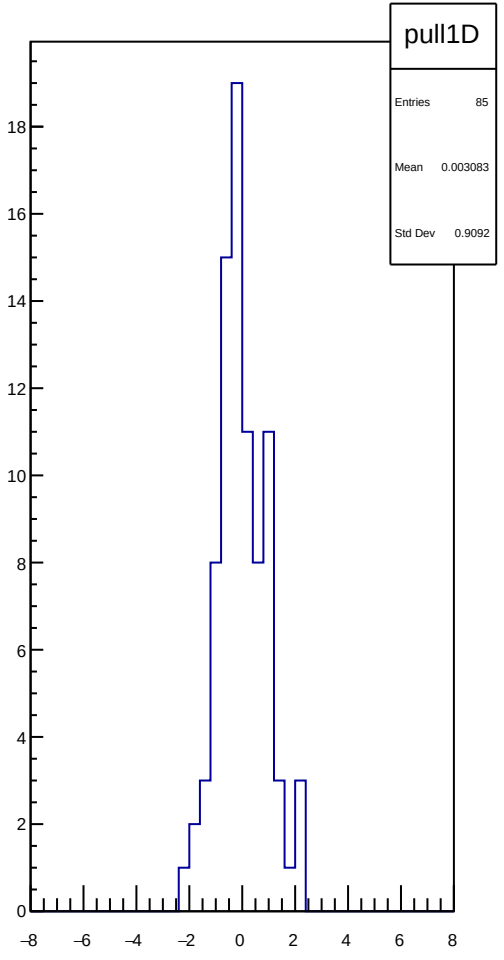

asym_at1_dd_correction_rms vs run
χ² / ndf 3467 / 84
p0 468.6 ± 0.3715
560
540
520
500
480
460
440

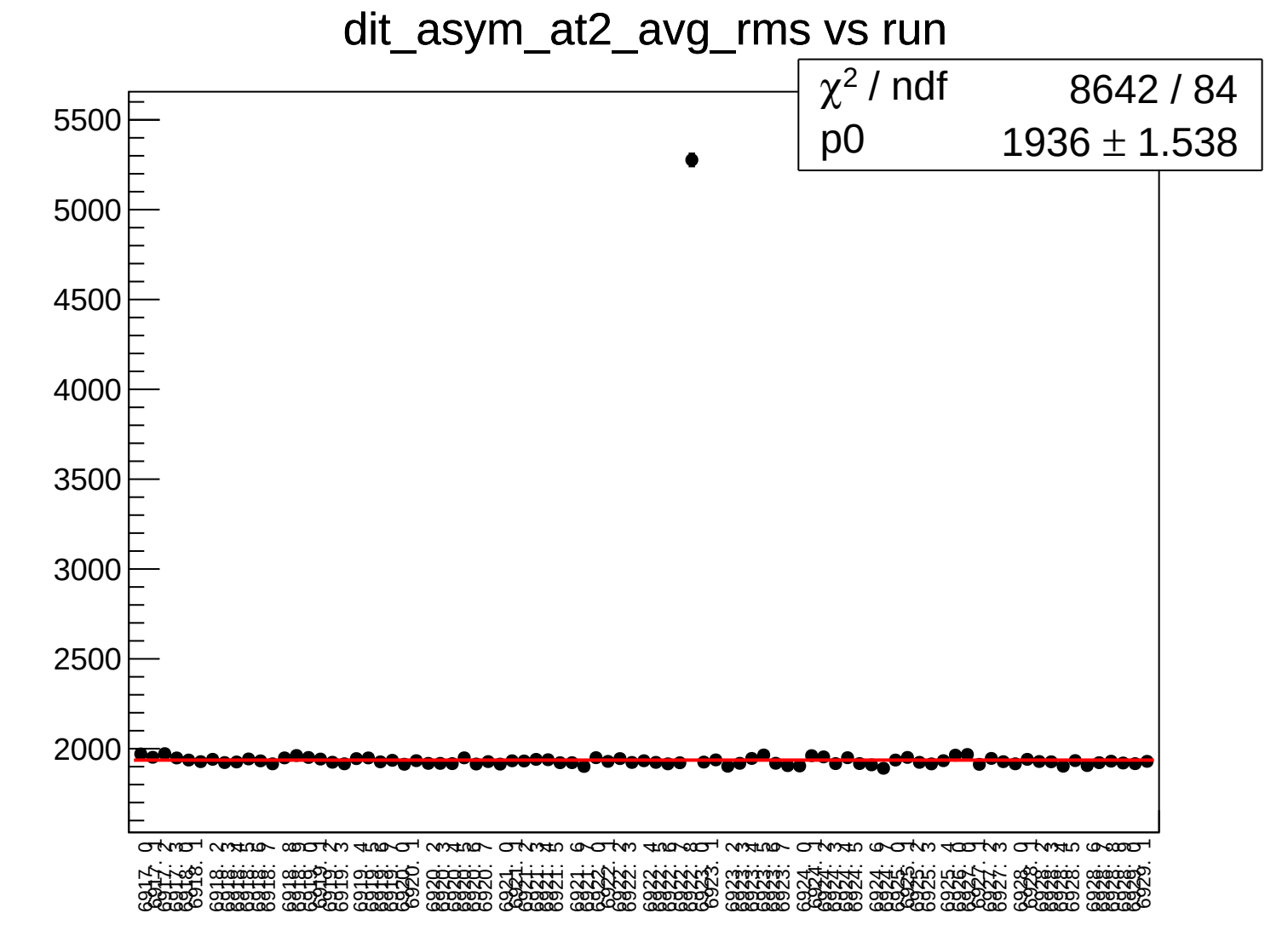

asym_at1_dd_mean vs run
×10^3
χ² / ndf 90.36 / 84
p0 −2803 ± 2127
50
0
−50
−100
−150
pull
Entries 85
Mean 60.07
Std Dev 24.21
3
2
1
0
−1
−2

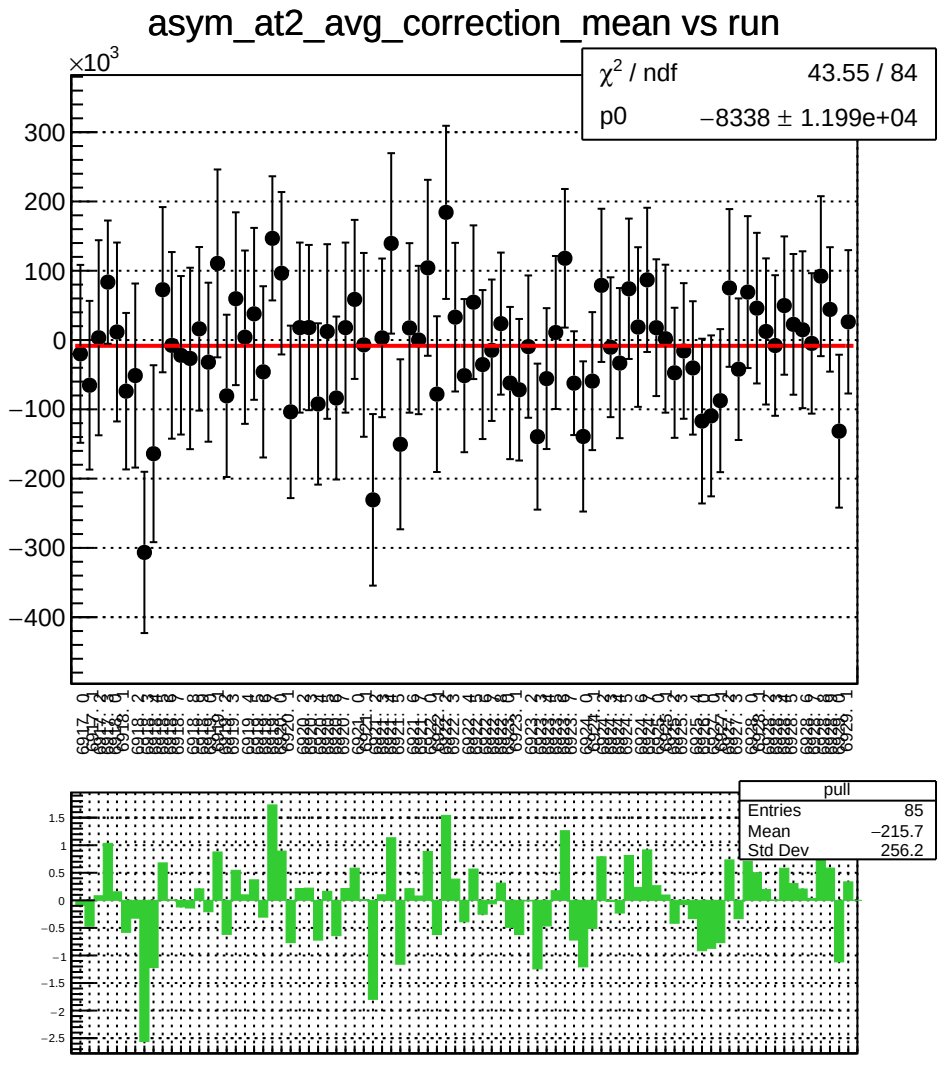

pull1D
Entries 85
Mean −0.01735
Std Dev 1.031
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

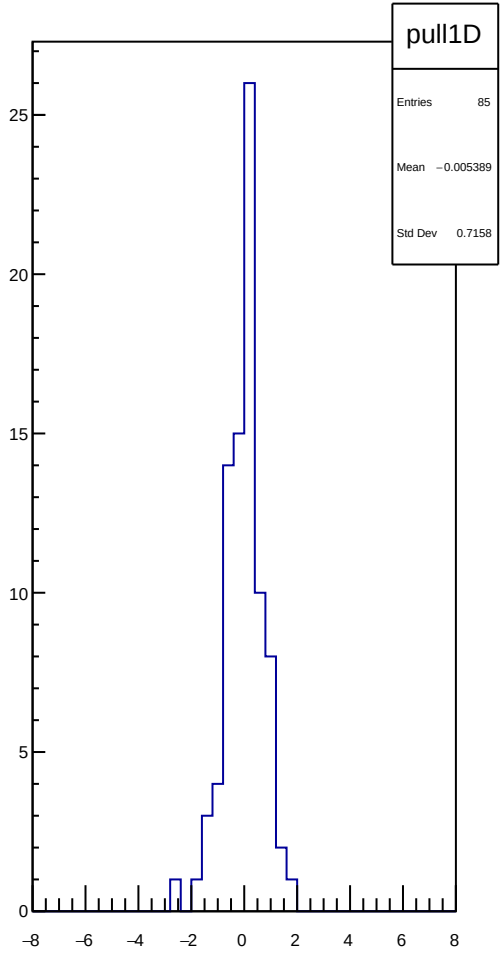

asym_at1_dd_rms vs run
χ² / ndf 1.6e+04 / 84
p0 1890 ± 1.504
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500


dit_asym_at2_avg_mean vs run
χ² / ndf 70.26 / 84
p0 −637.8 ± 2174
×10³
pull
Entries 85
Mean 837.2
Std Dev 777.1

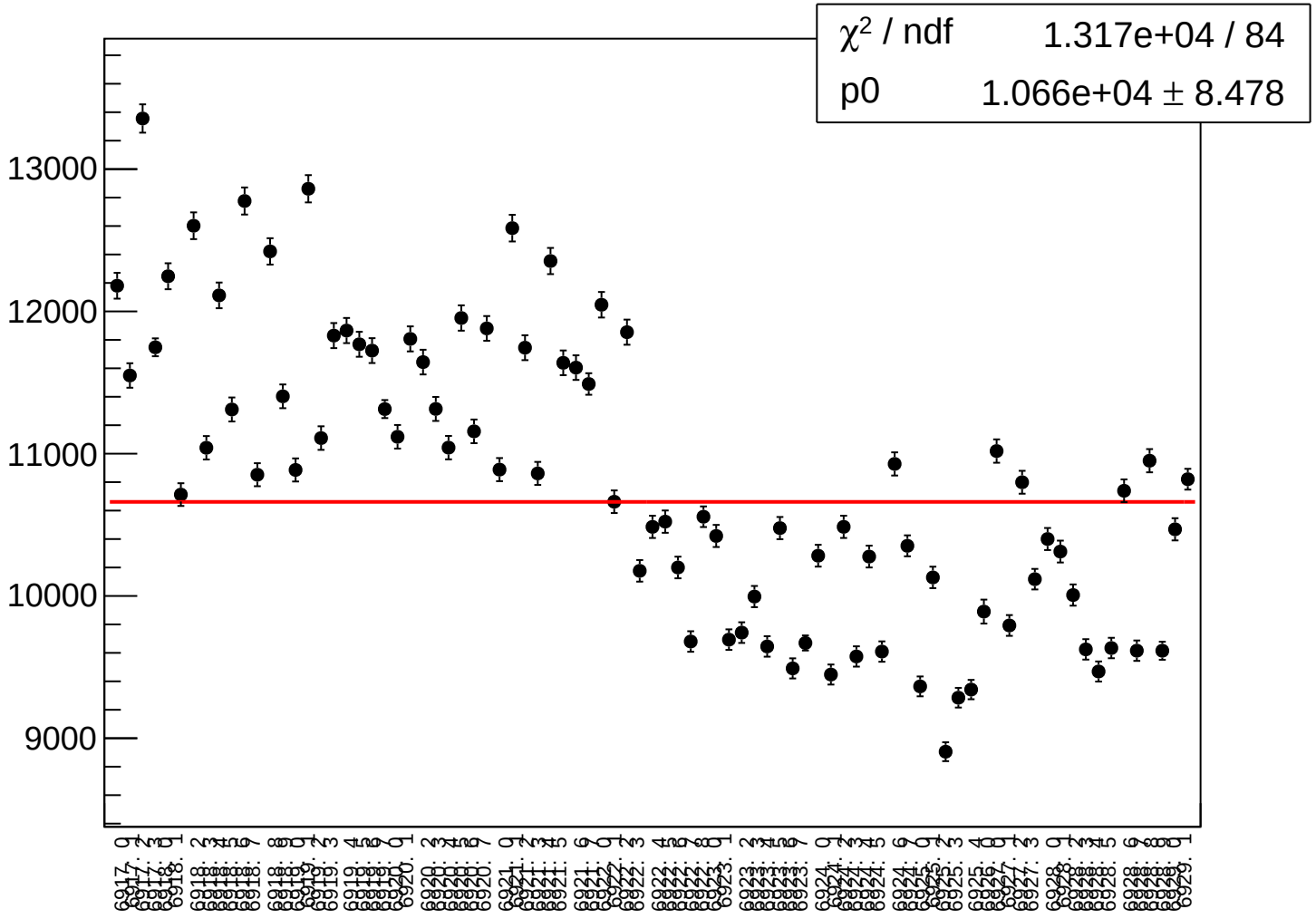

pull1D
Entries 85
Mean 0.003083
Std Dev 0.9092

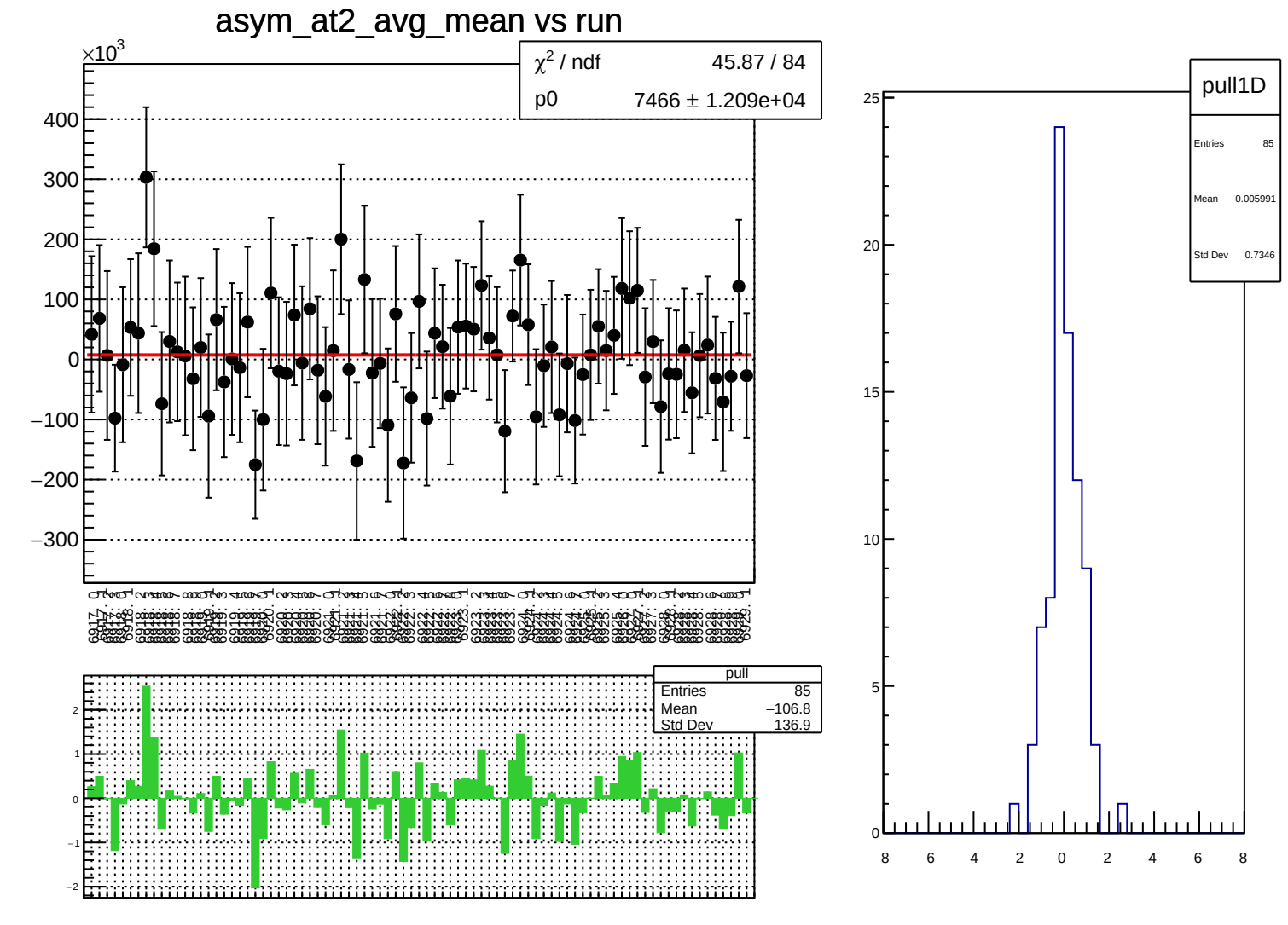

dit_asym_at2_avg_rms vs run
χ^2 / ndf 8642 / 84
p0 1936 ± 1.538
5500
5000
4500
4000
3500
3000
2500
2000

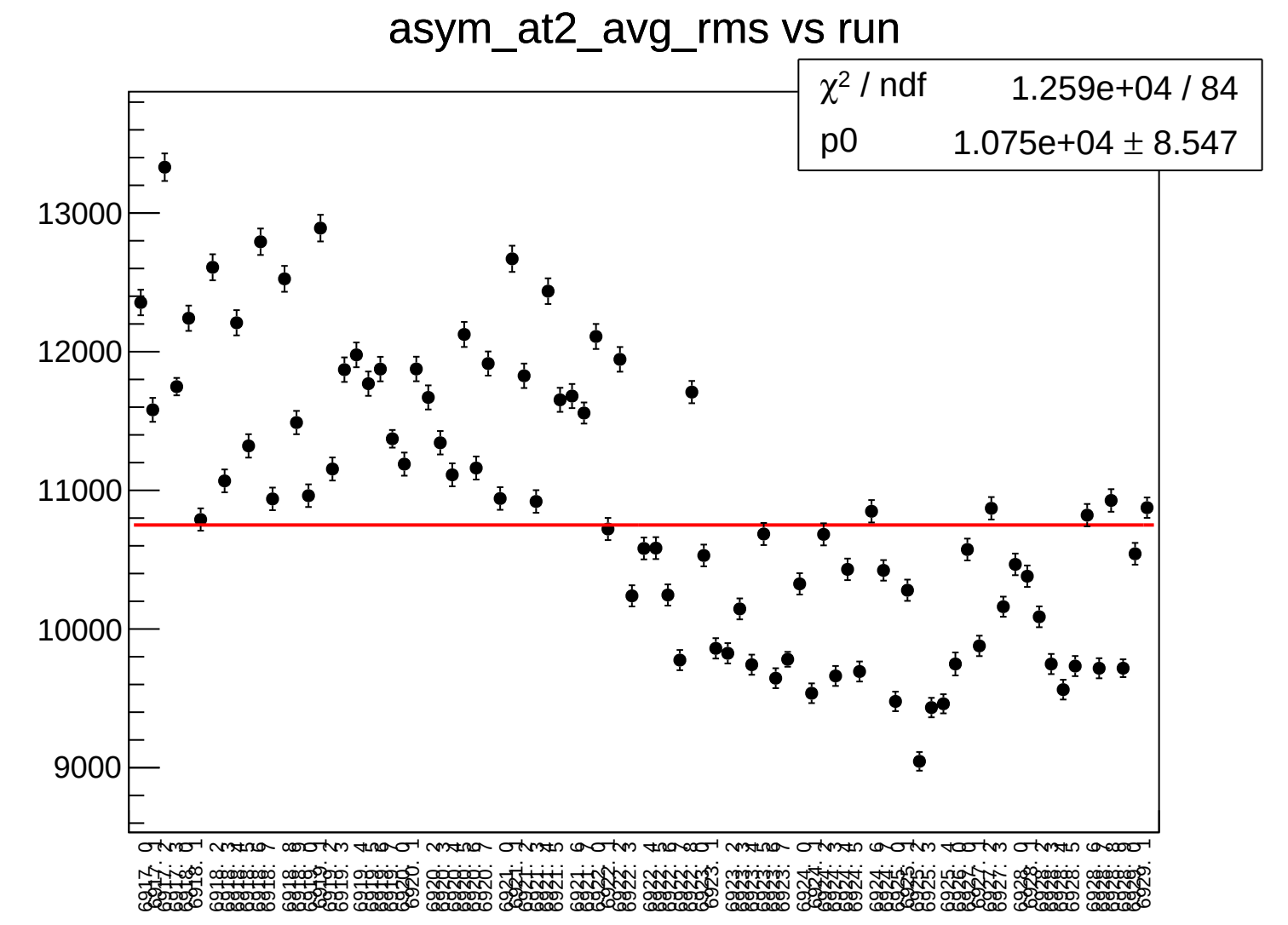

asym_at2_avg_correction_mean vs run
×10^3
χ² / ndf 43.55 / 84
p0 −8338 ± 1.199e+04
300
200
100
0
−100
−200
−300
−400
pull
Entries 85
Mean −215.7
Std Dev 256.2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

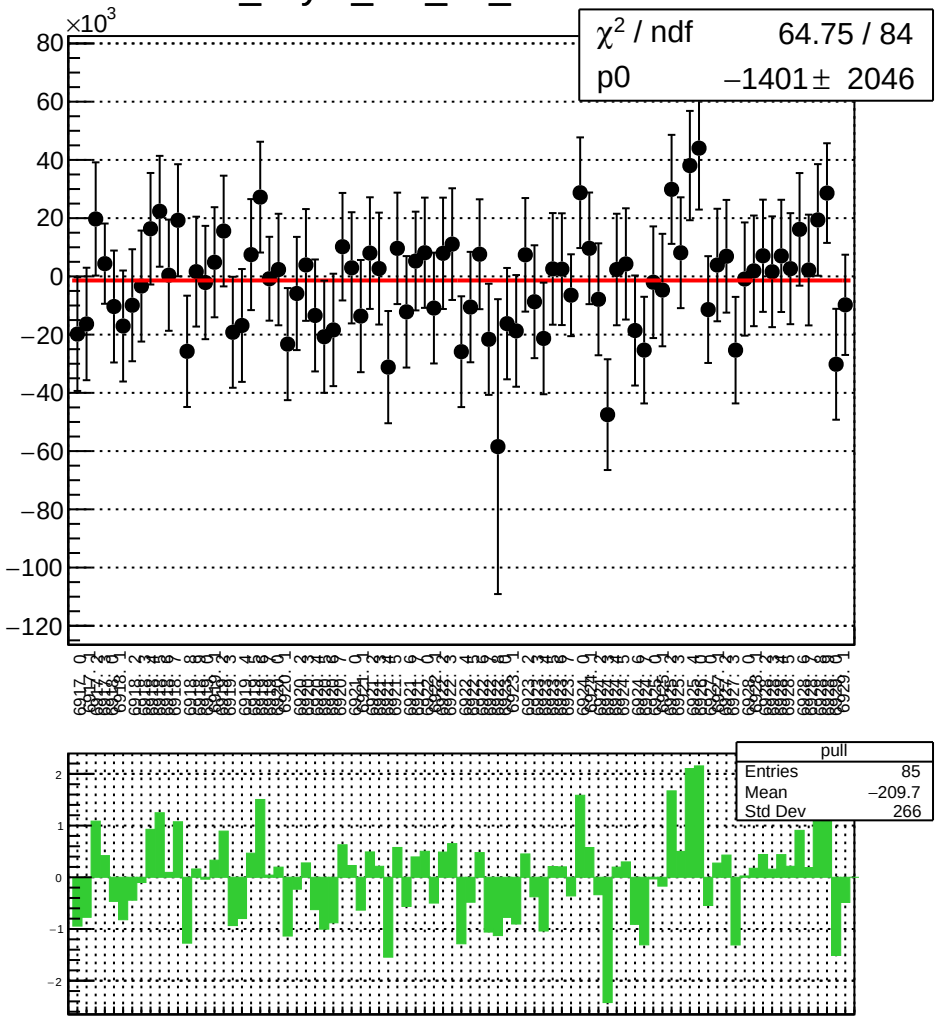

pull1D
Entries 85
Mean −0.005389
Std Dev 0.7158
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

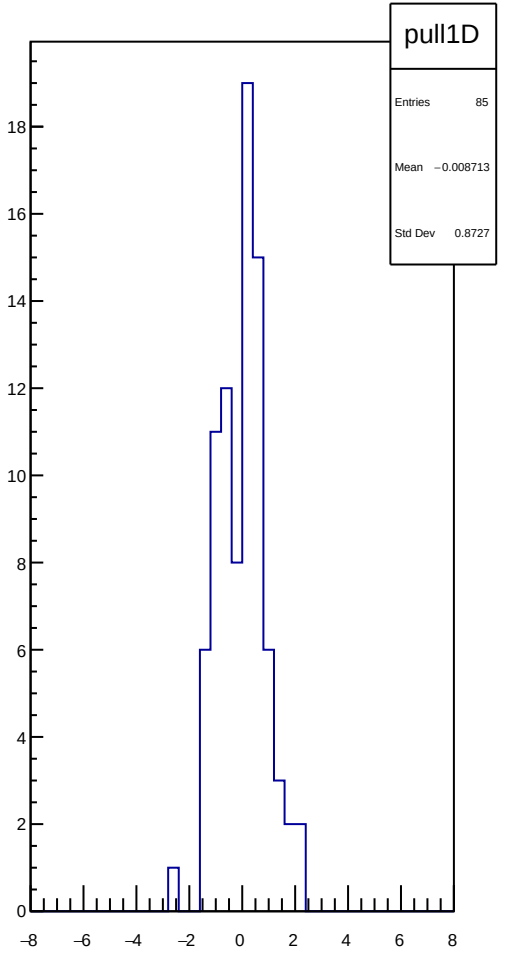
asym_at2_avg_correction_rms vs run

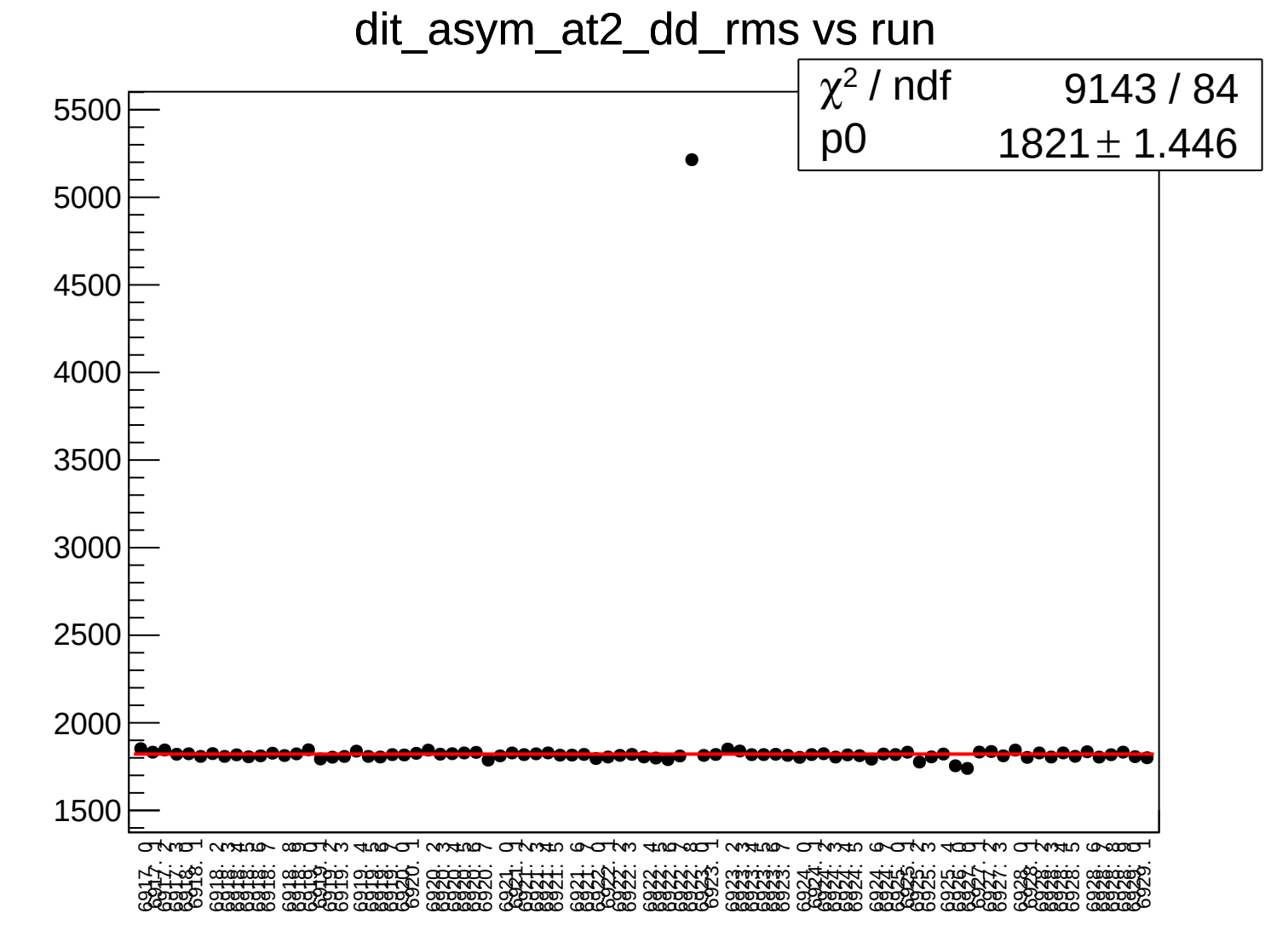


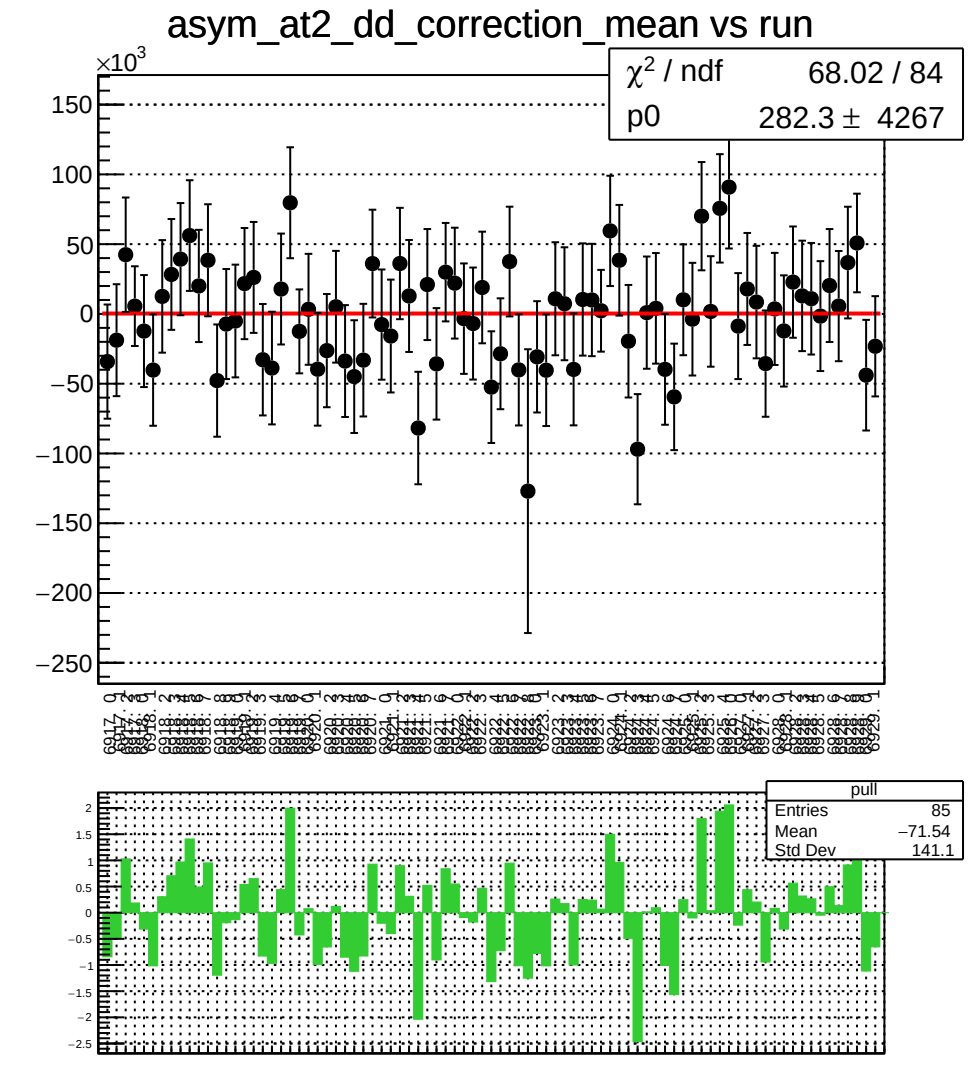

asym_at2_avg_mean vs run
×10^3
χ² / ndf 45.87 / 84
p0 7466 ± 1.209e+04
400
300
200
100
0
−100
−200
−300
pull
Entries 85
Mean −106.8
Std Dev 136.9
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.005991
Std Dev 0.7346
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

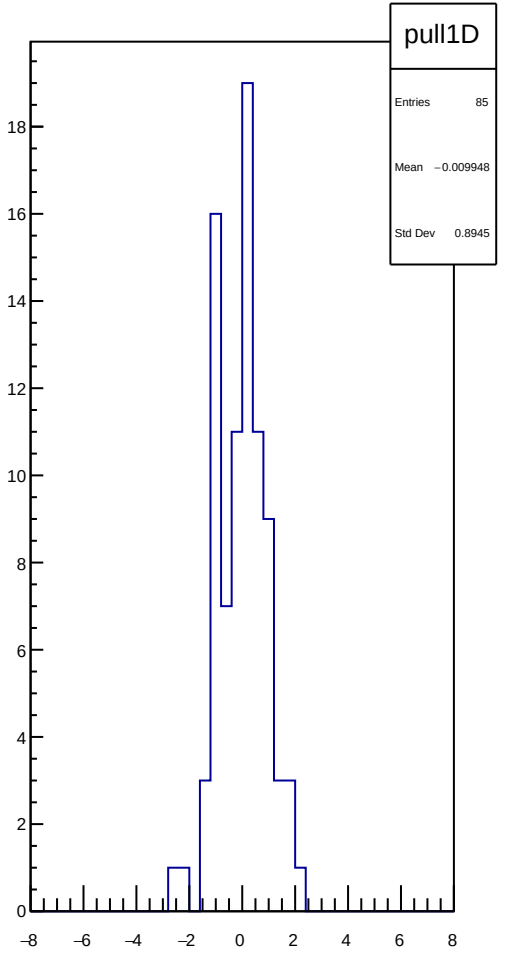

asym_at2_avg_rms vs run
χ² / ndf 1.259e+04 / 84
p0 1.075e+04 ± 8.547
13000
12000
11000
10000
9000

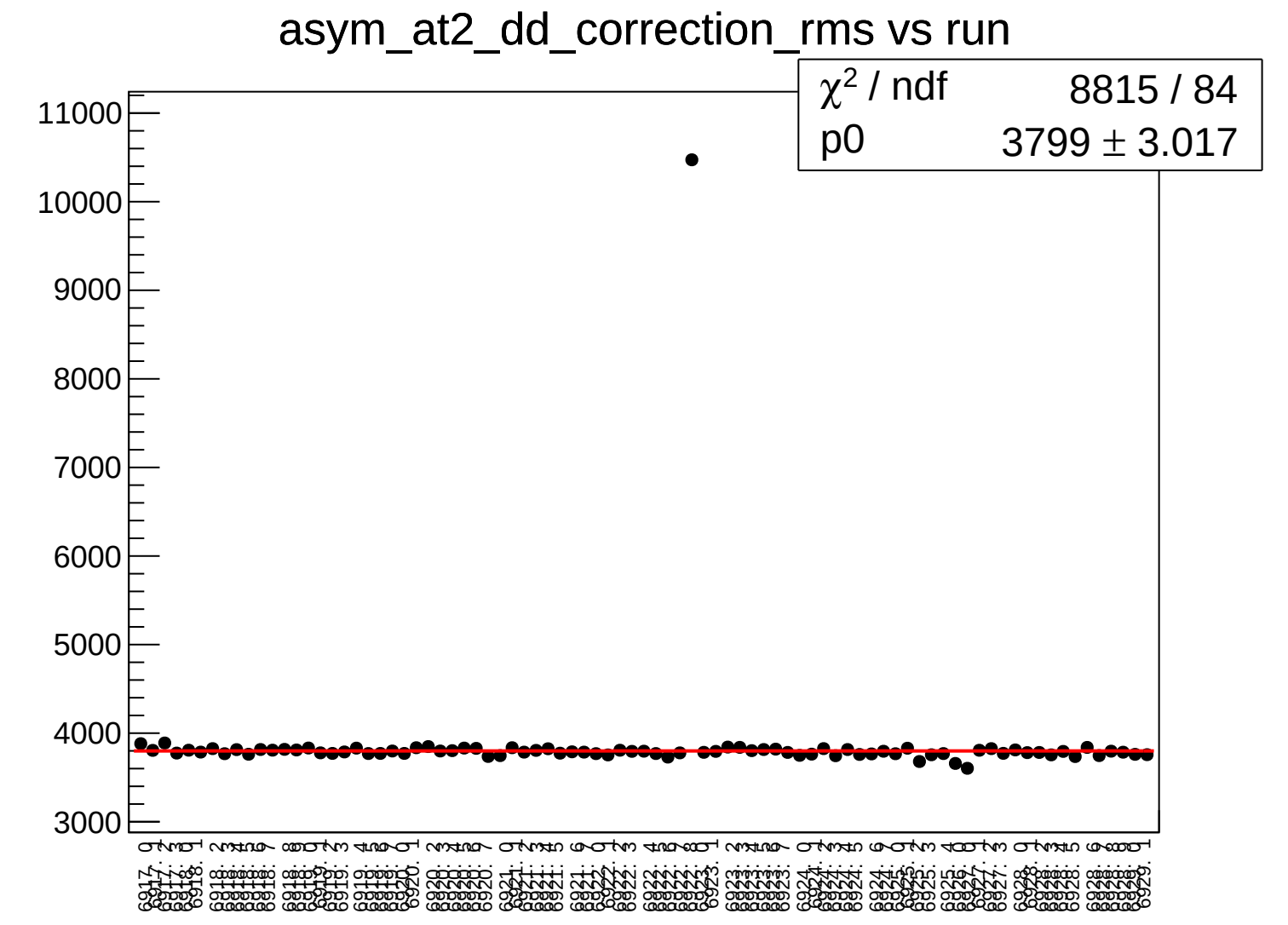

dit_asym_at2_dd_mean vs run
×10^3
χ² / ndf 64.75 / 84
p0 −1401 ± 2046
pull
Entries 85
Mean −209.7
Std Dev 266

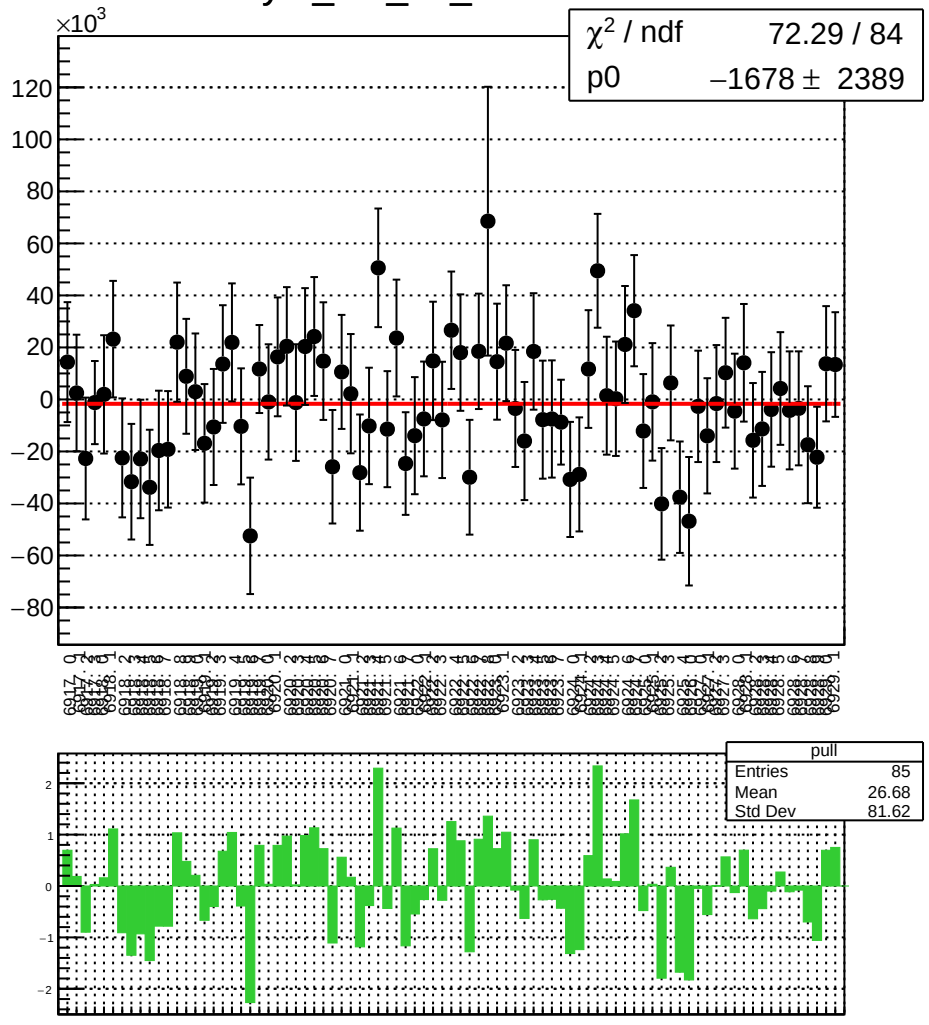

pull1D
Entries 85
Mean −0.008713
Std Dev 0.8727

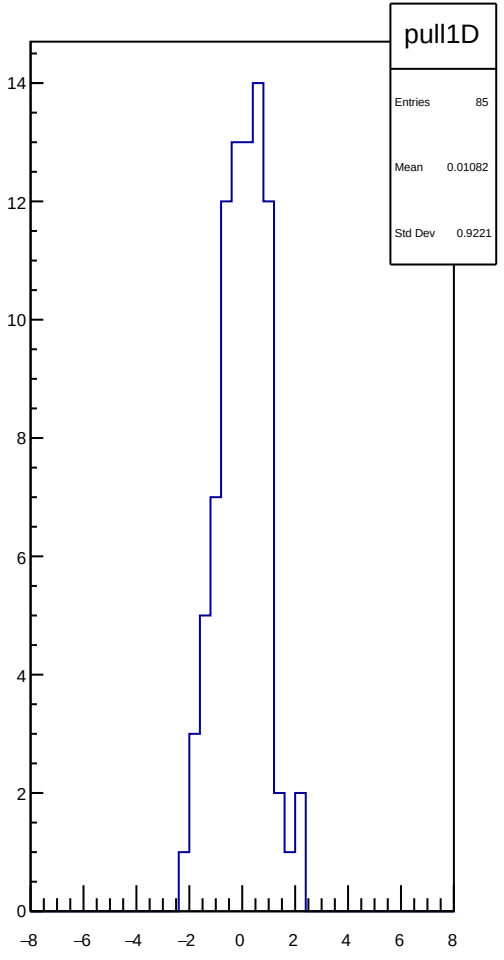

dit_asym_at2_dd_rms vs run
χ^2 / ndf 9143 / 84
p0 1821 ± 1.446
5500
5000
4500
4000
3500
3000
2500
2000
1500

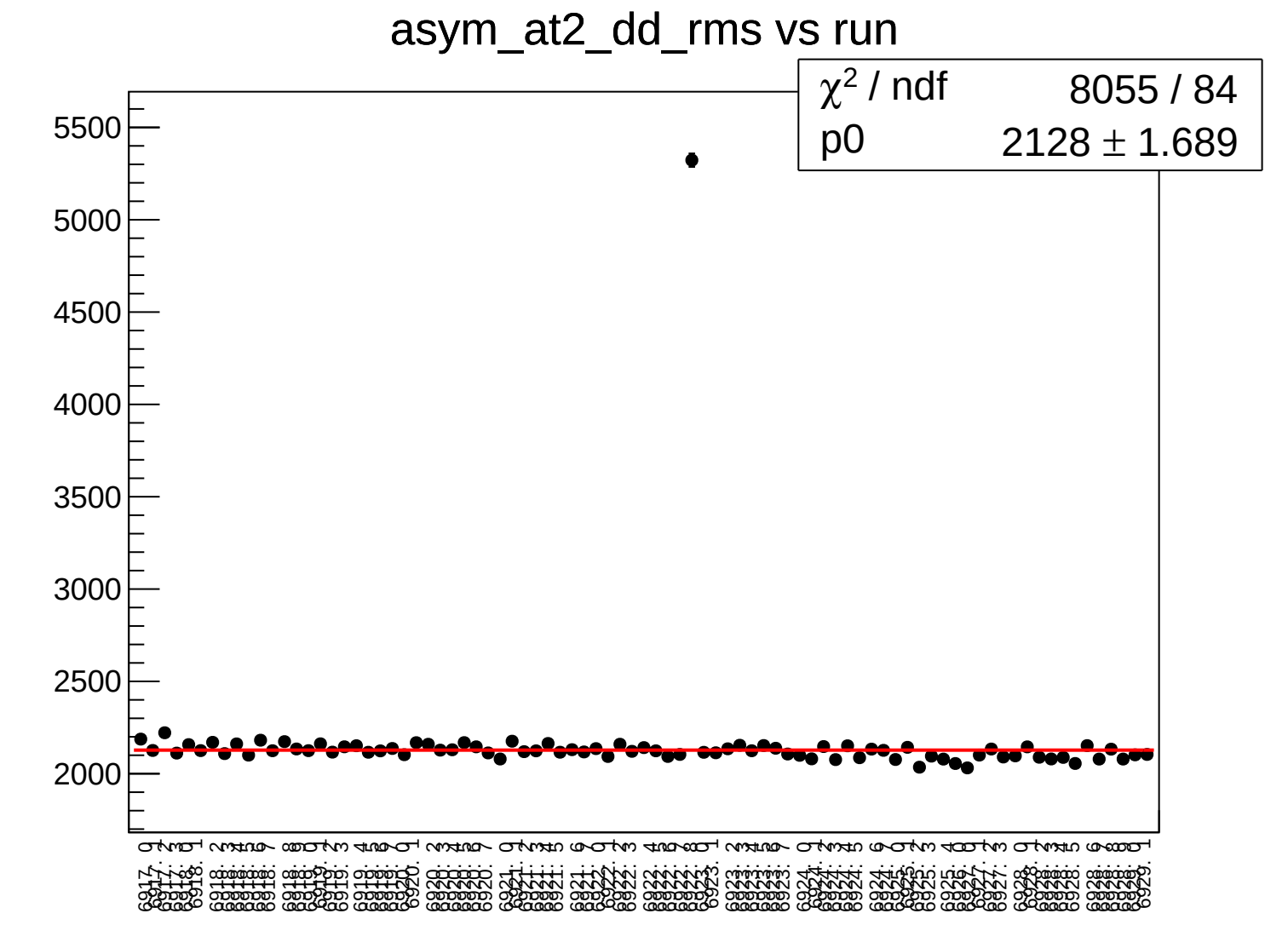

asym_at2_dd_correction_mean vs run
×10^3
χ^2 / ndf 68.02 / 84
p0 282.3 ± 4267
150
100
50
0
−50
−100
−150
−200
−250
pull
Entries 85
Mean −71.54
Std Dev 141.1
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

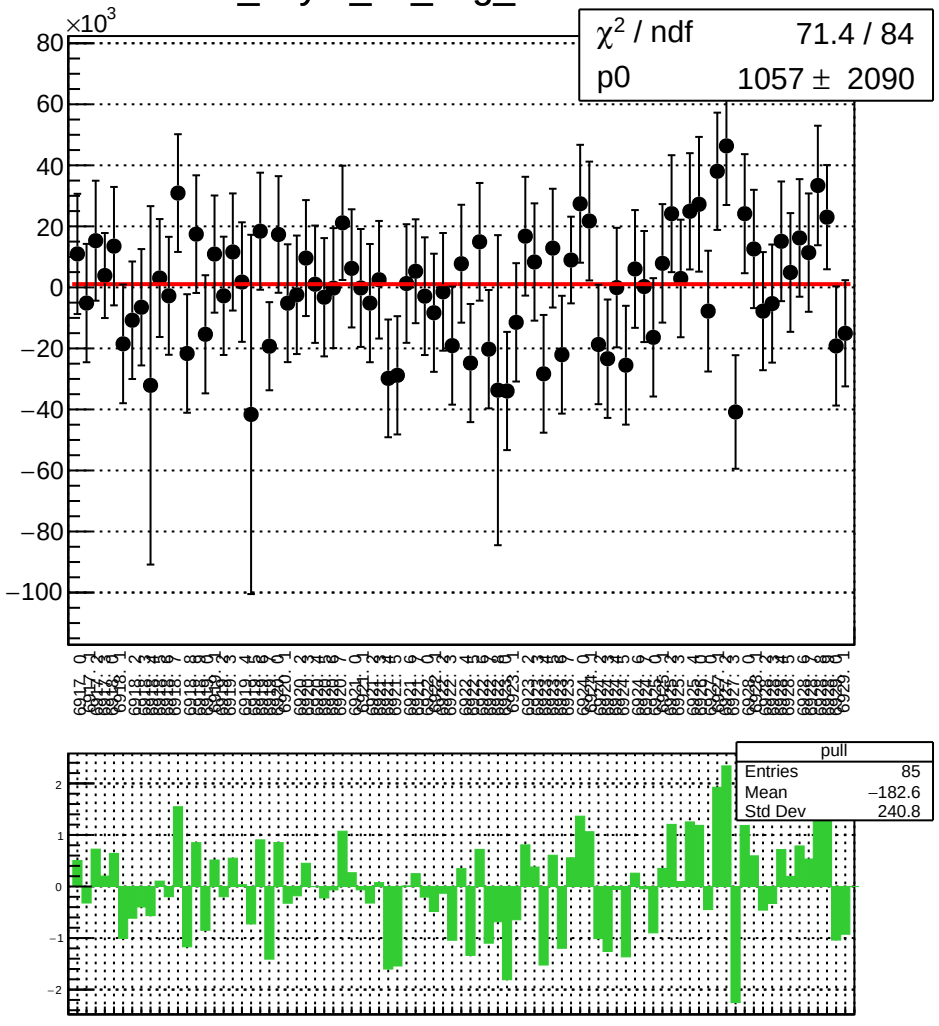

pull1D
Entries 85
Mean −0.009948
Std Dev 0.8945
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

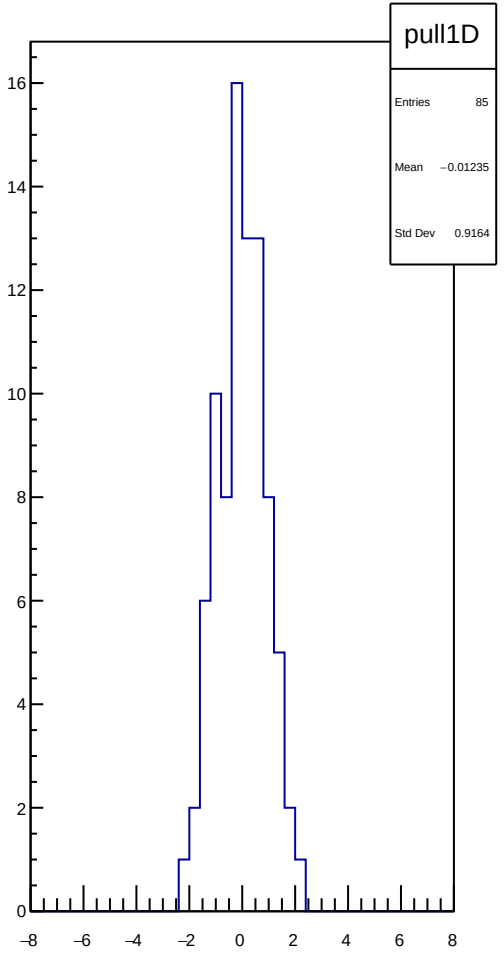

asym_at2_dd_correction_rms vs run
χ² / ndf 8815 / 84
p0 3799 ± 3.017
11000
10000
9000
8000
7000
6000
5000
4000
3000

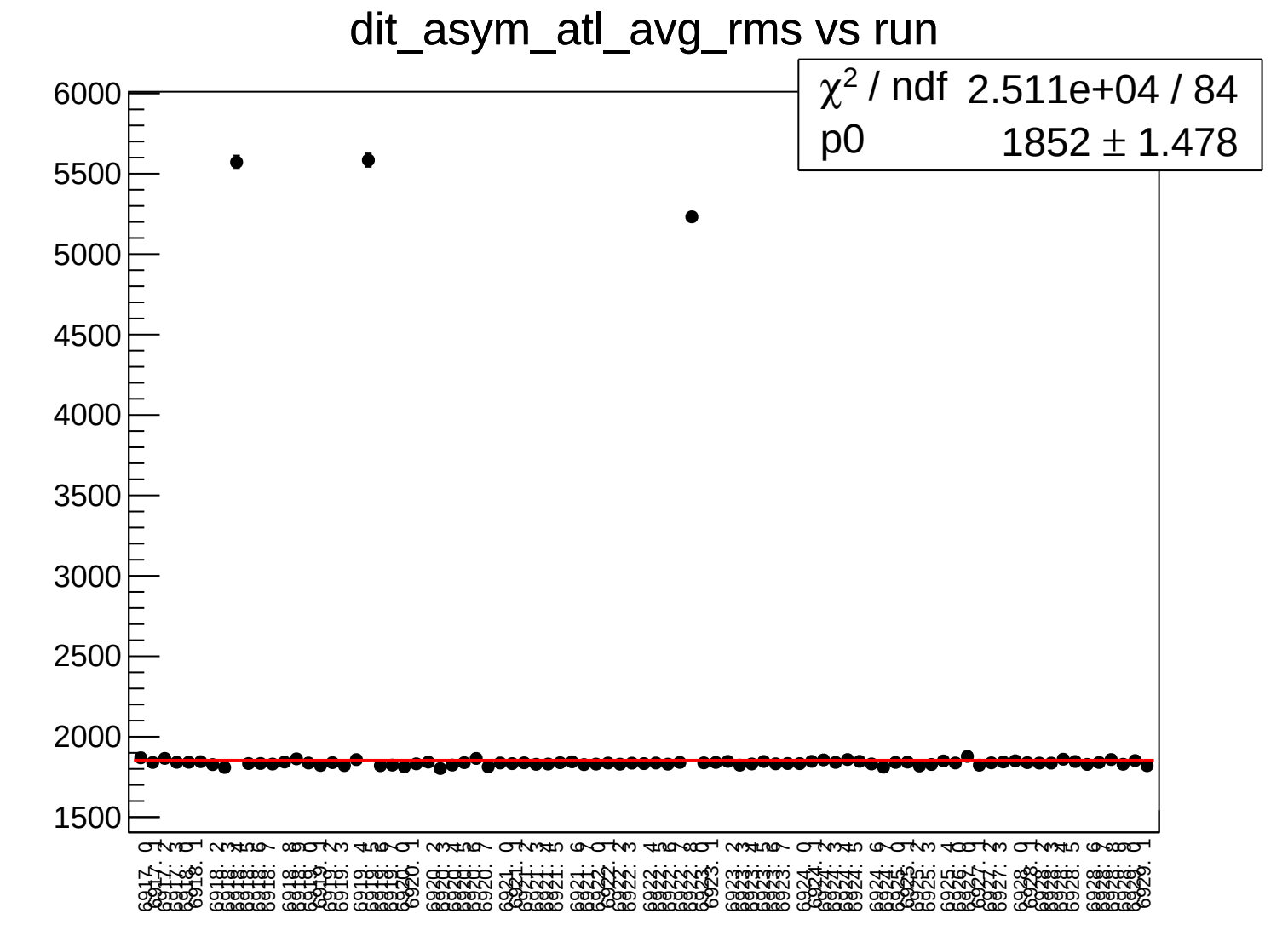

asym_at2_dd_mean vs run
×10^3
χ² / ndf 72.29 / 84
p0 −1678 ± 2389
pull
Entries 85
Mean 26.68
Std Dev 81.62

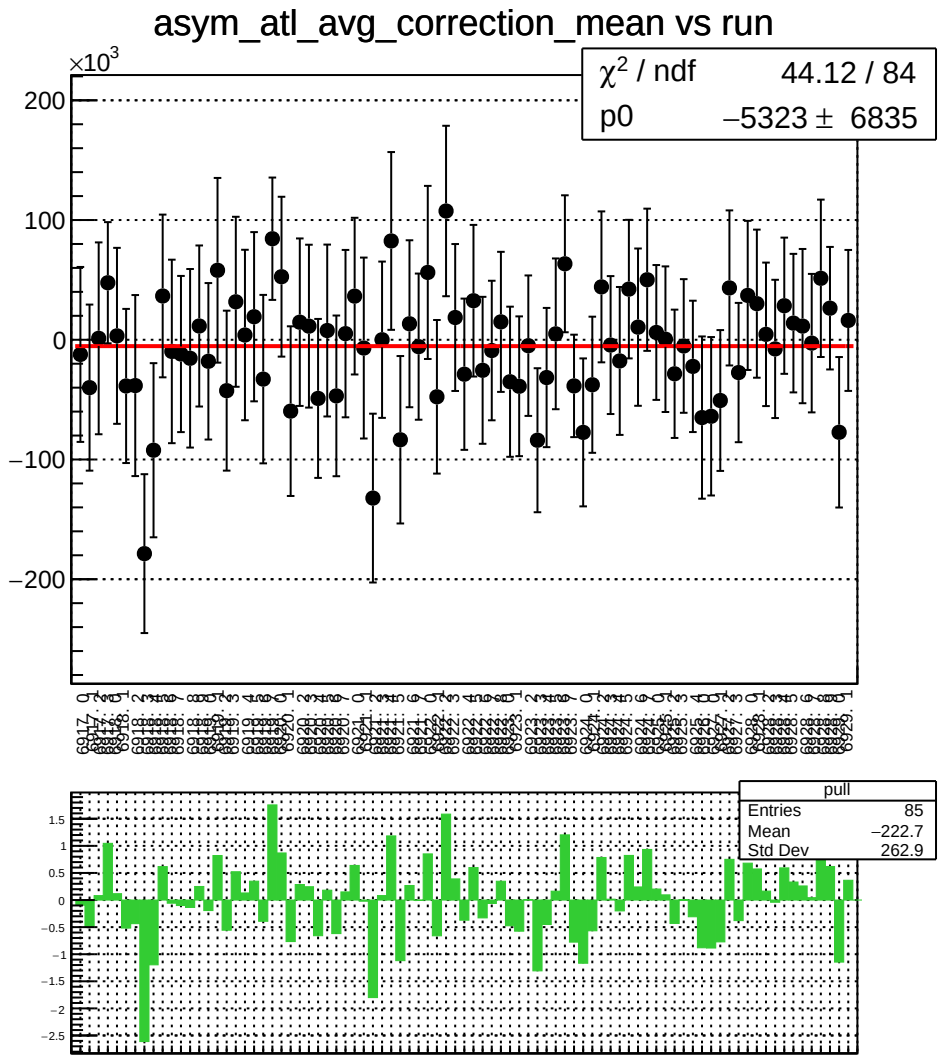

pull1D
Entries 85
Mean 0.01082
Std Dev 0.9221

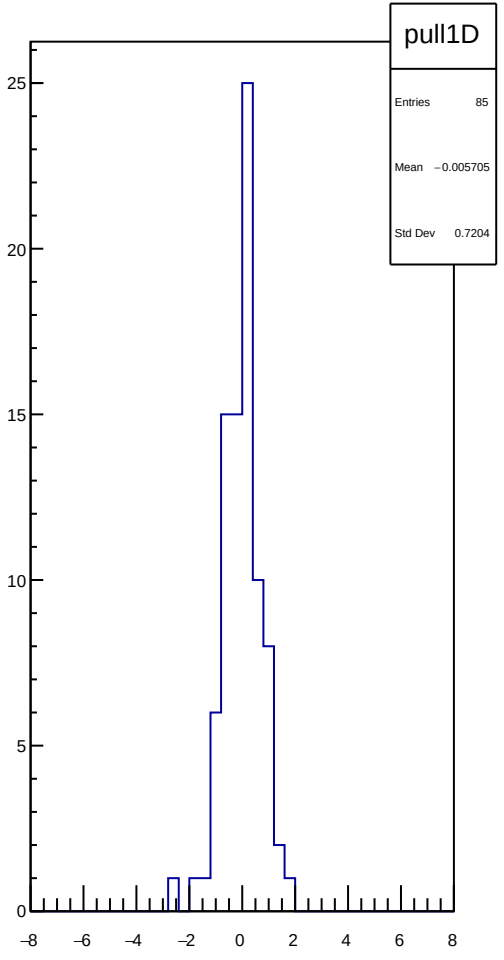

asym_at2_dd_rms vs run
χ^2 / ndf 8055 / 84
p0 2128 ± 1.689
5500
5000
4500
4000
3500
3000
2500
2000

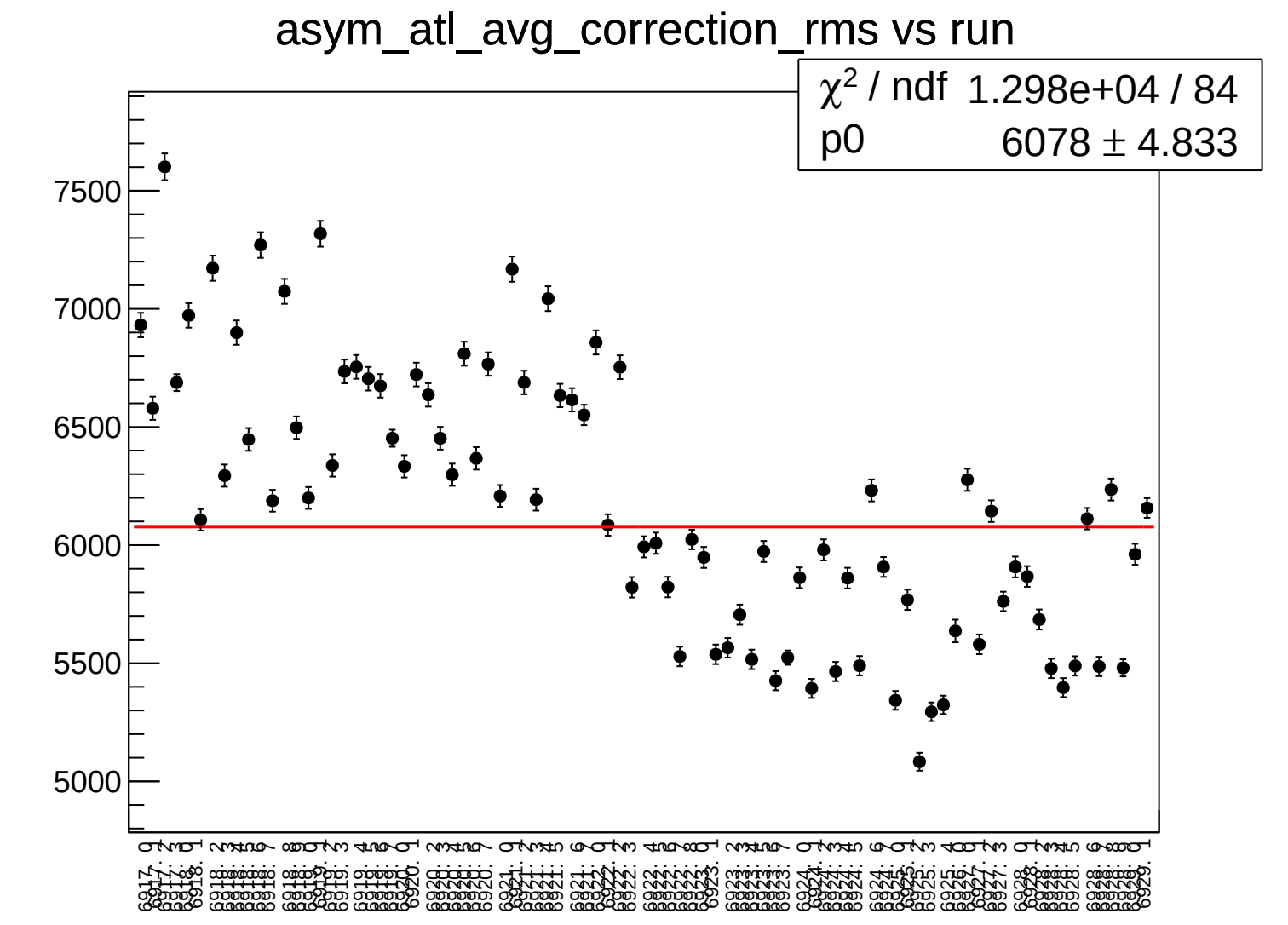

dit_asym_atl_avg_mean vs run
χ² / ndf 71.4 / 84
p0 1057 ± 2090
×10³
pull
Entries 85
Mean −182.6
Std Dev 240.8

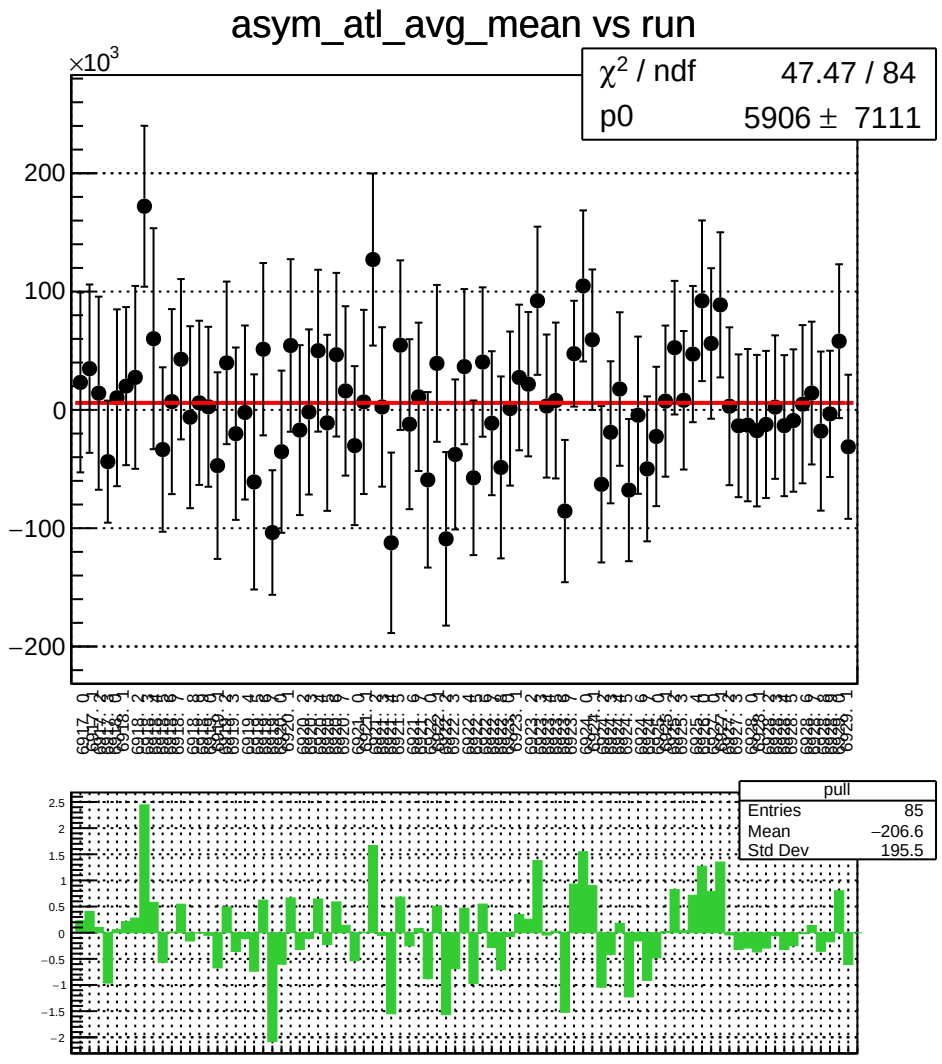

pull1D
Entries 85
Mean −0.01235
Std Dev 0.9164

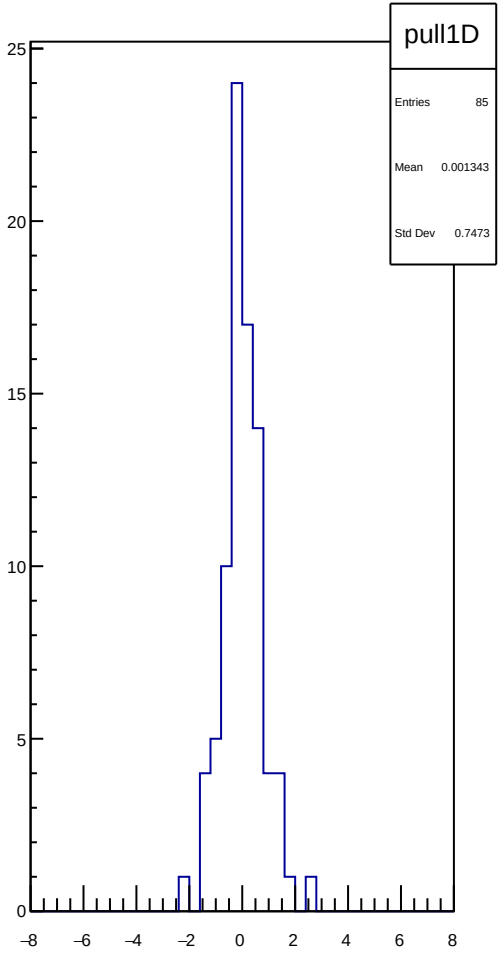

dit_asym_atl_avg_rms vs run
χ^2 / ndf 2.511e+04 / 84
p0 1852 ± 1.478
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

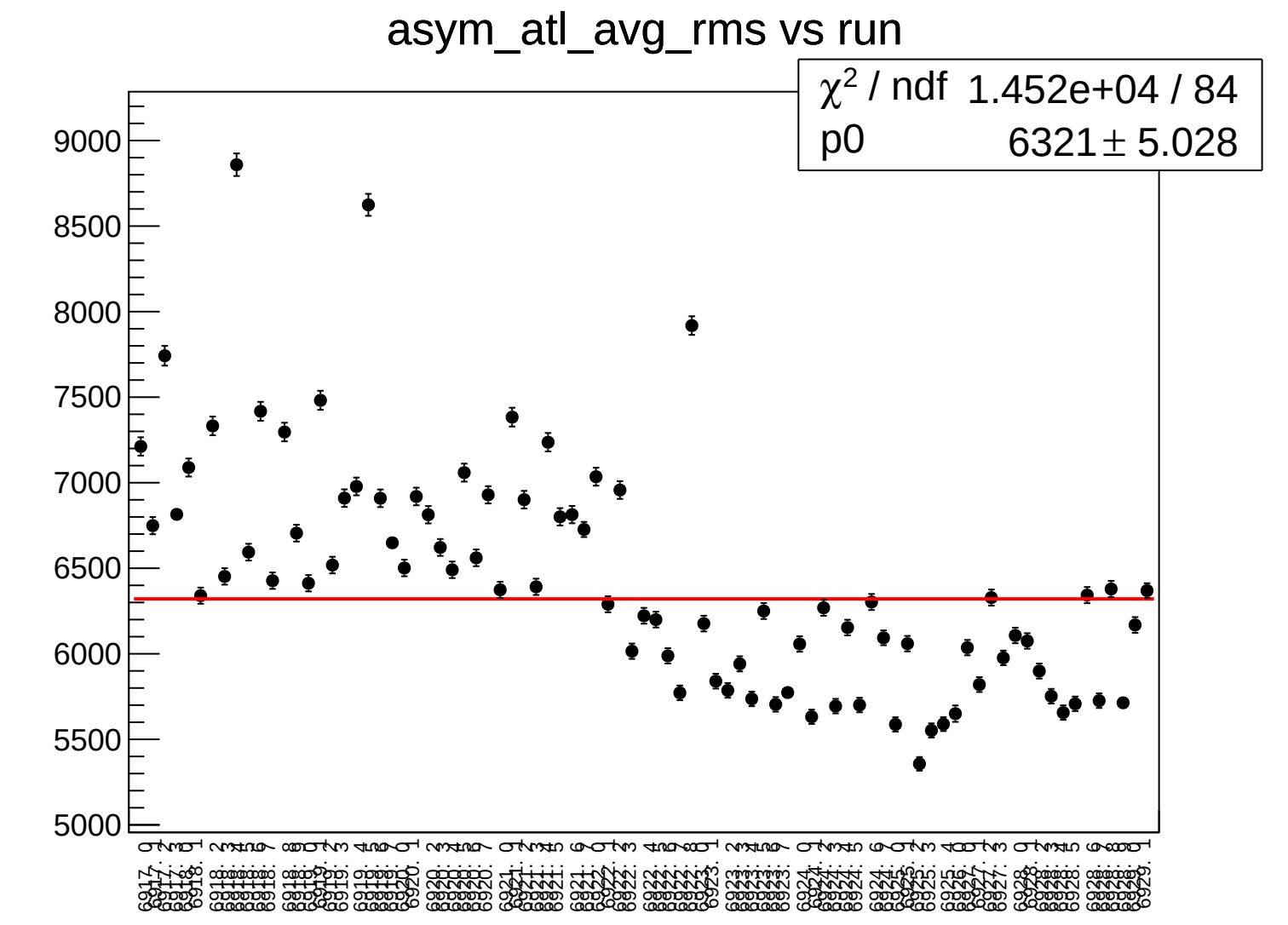

asym_atl_avg_correction_mean vs run
×10^3
χ² / ndf 44.12 / 84
p0 −5323 ± 6835
pull
Entries 85
Mean −222.7
Std Dev 262.9

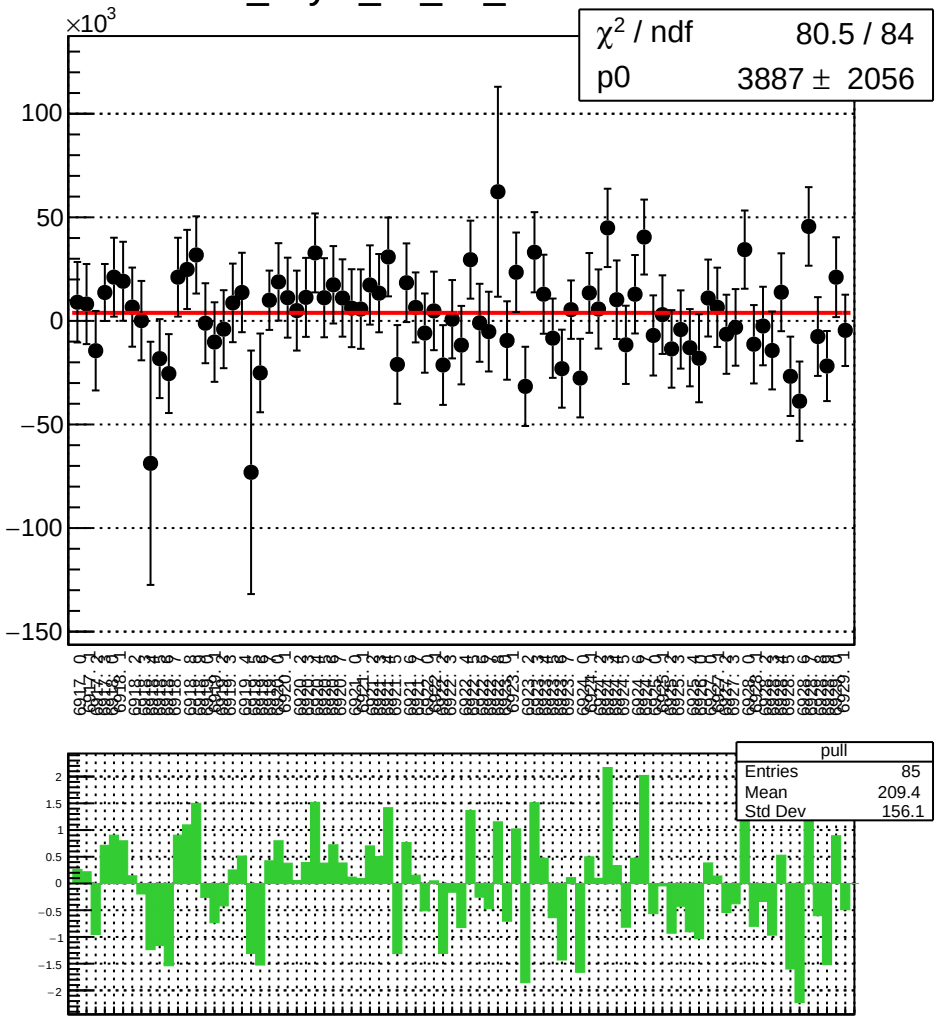

pull1D
Entries 85
Mean −0.005705
Std Dev 0.7204

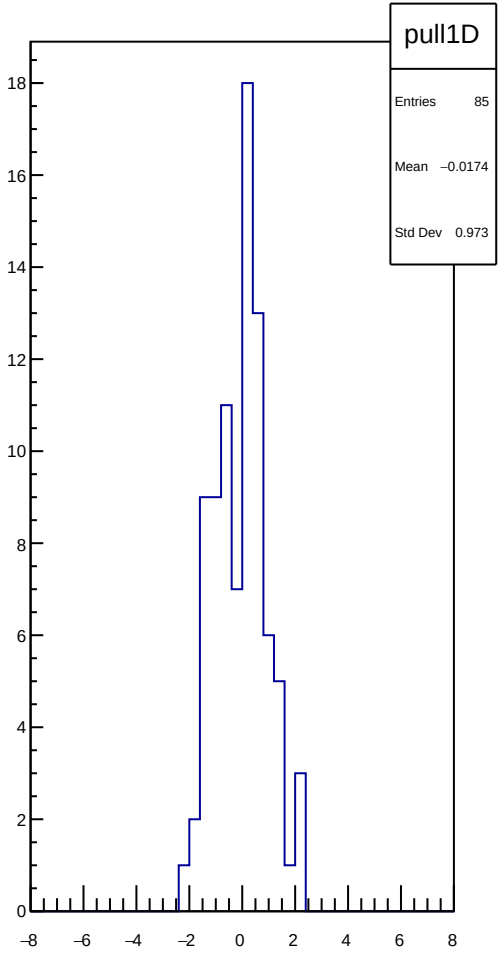

asym_atl_avg_correction_rms vs run
χ² / ndf 1.298e+04 / 84
p0 6078 ± 4.833
7500
7000
6500
6000
5500
5000

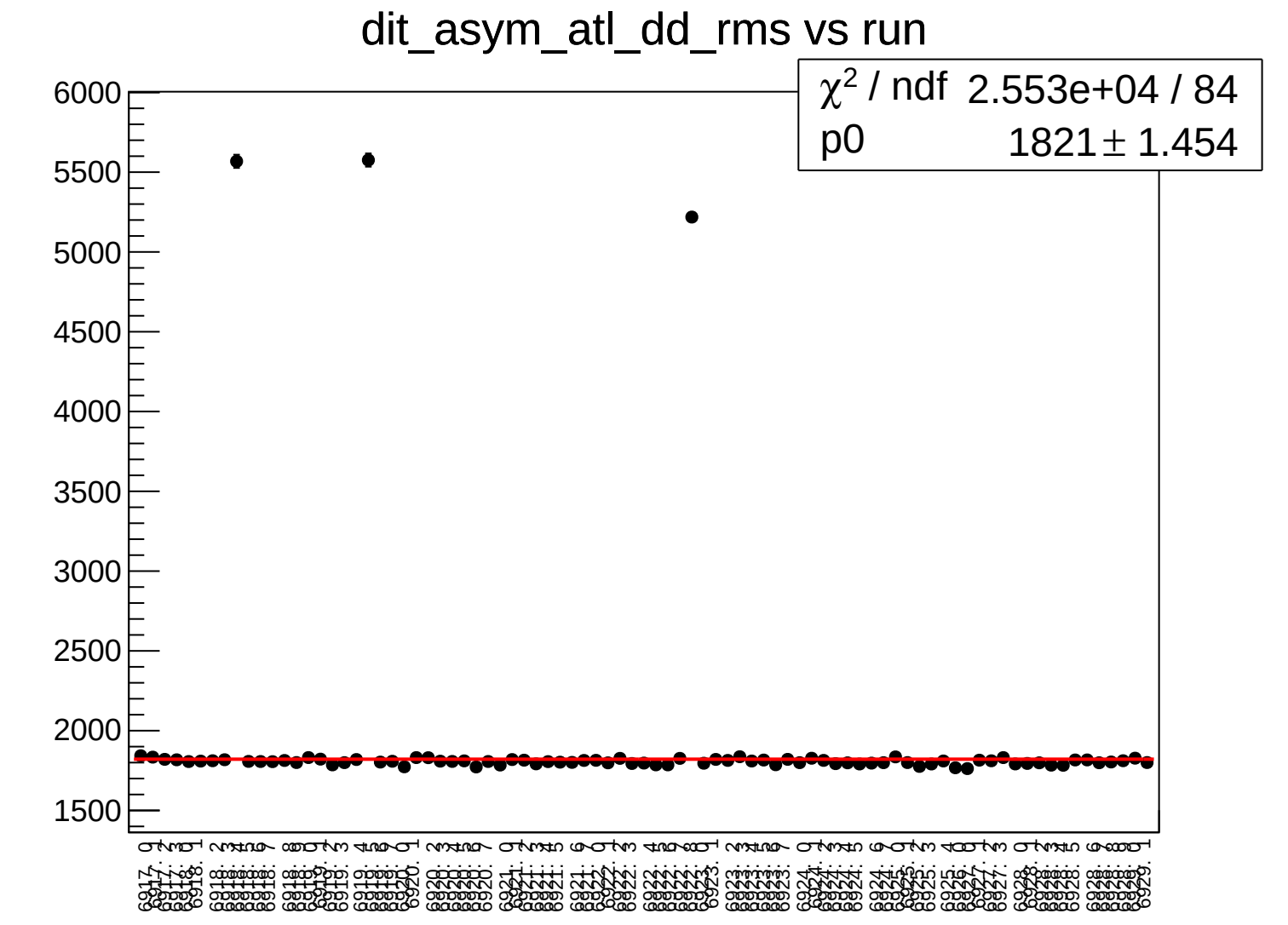

asym_atl_avg_mean vs run
×10^3
χ² / ndf 47.47 / 84
p0 5906 ± 7111
200
100
0
−100
−200
pull
Entries 85
Mean −206.6
Std Dev 195.5
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

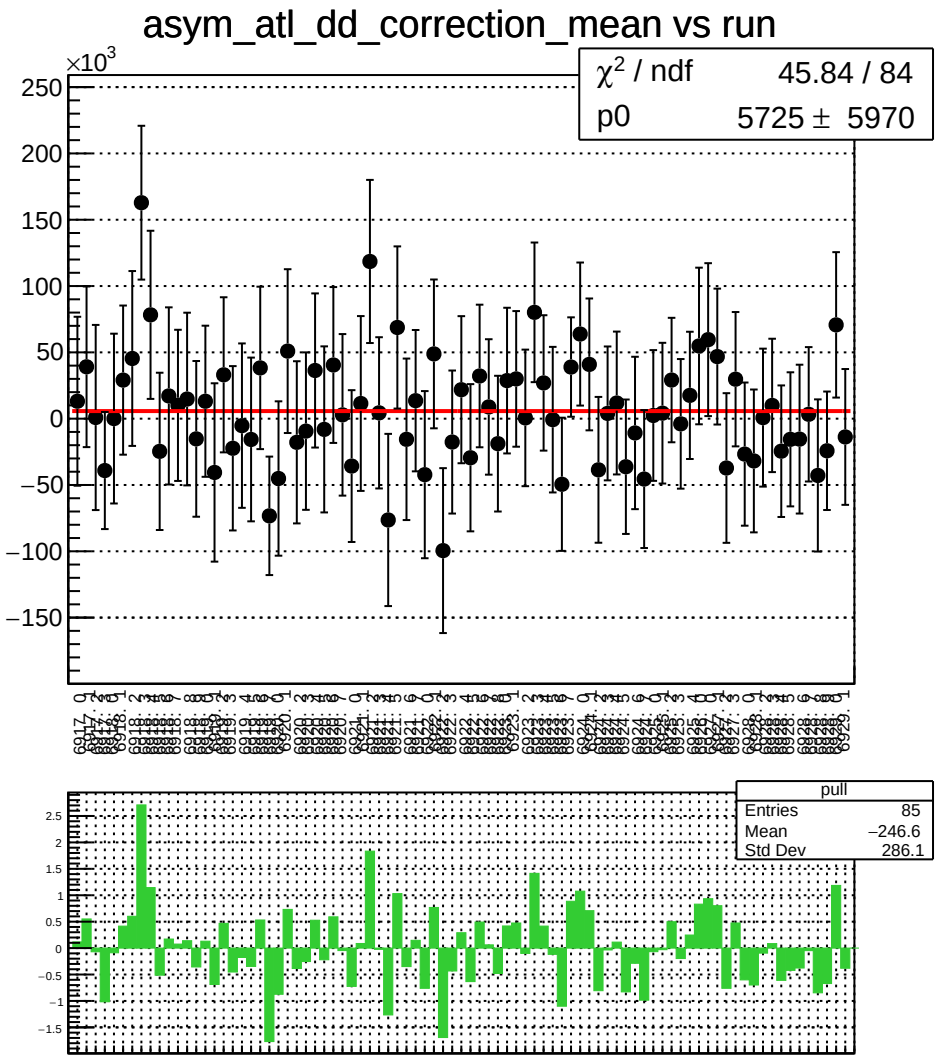

pull1D
Entries 85
Mean 0.001343
Std Dev 0.7473
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

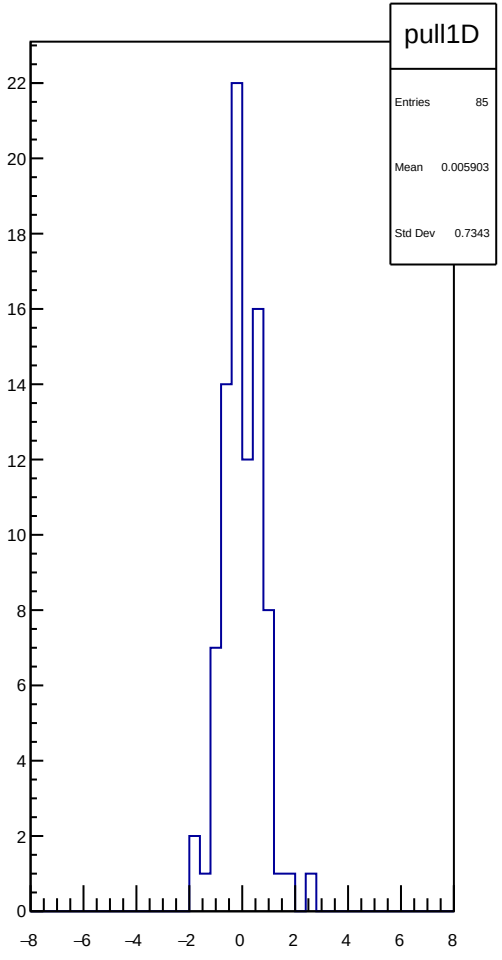

asym_atl_avg_rms vs run
χ^2 / ndf 1.452e+04 / 84
p0 6321 ± 5.028
9000
8500
8000
7500
7000
6500
6000
5500
5000

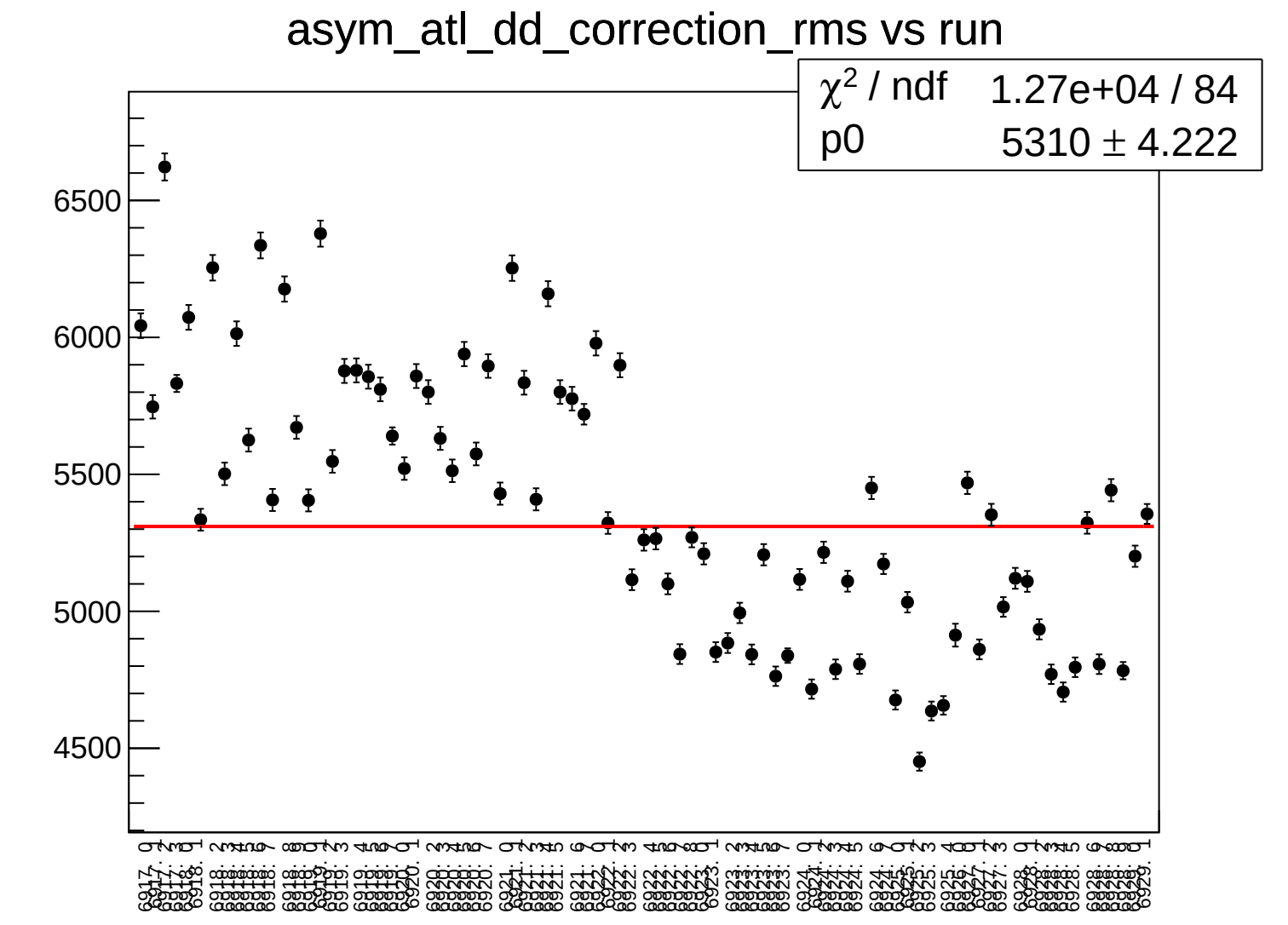

dit_asym_atl_dd_mean vs run
χ² / ndf 80.5 / 84
p0 3887 ± 2056
×10³
pull
Entries 85
Mean 209.4
Std Dev 156.1

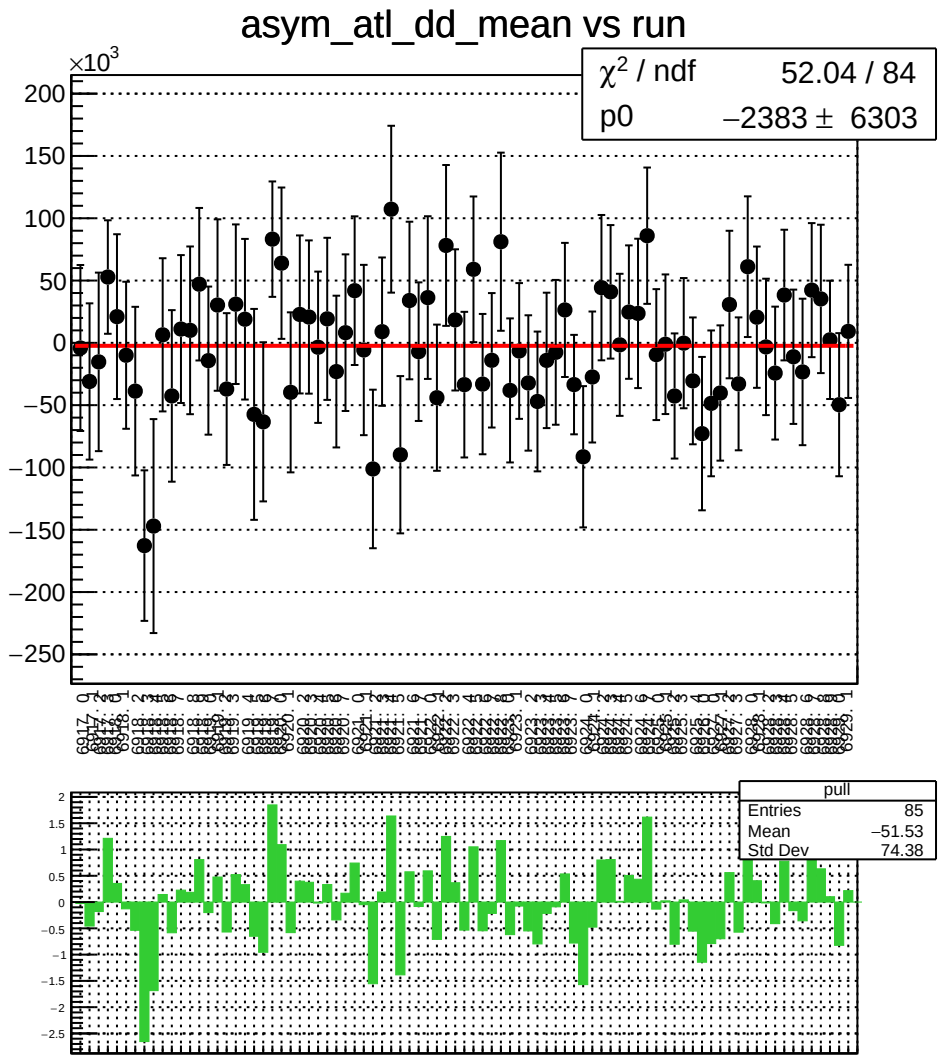

pull1D
Entries 85
Mean −0.0174
Std Dev 0.973

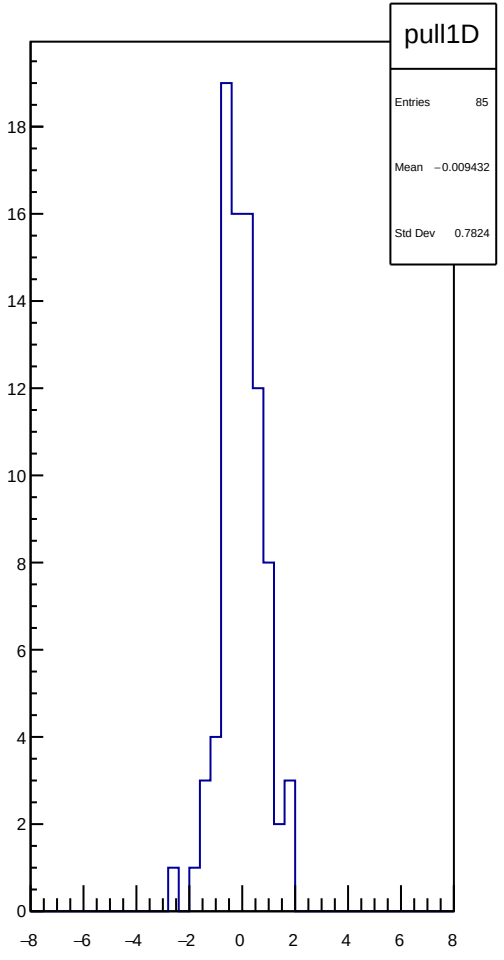

dit_asym_atl_dd_rms vs run
χ^2 / ndf 2.553e+04 / 84
p0 1821 ± 1.454
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

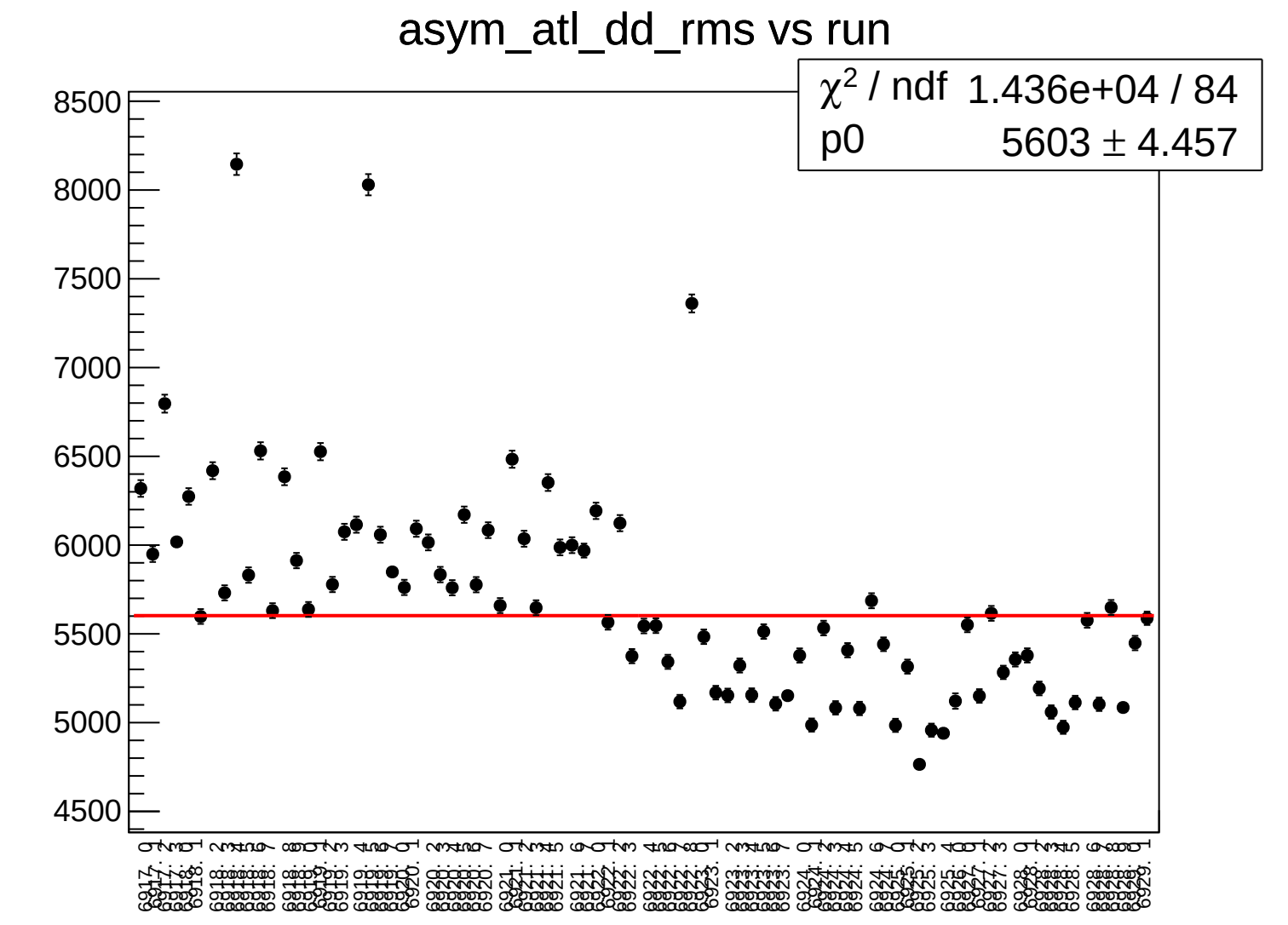

asym_atl_dd_correction_mean vs run
χ² / ndf 45.84 / 84
p0 5725 ± 5970
pull
Entries 85
Mean −246.6
Std Dev 286.1

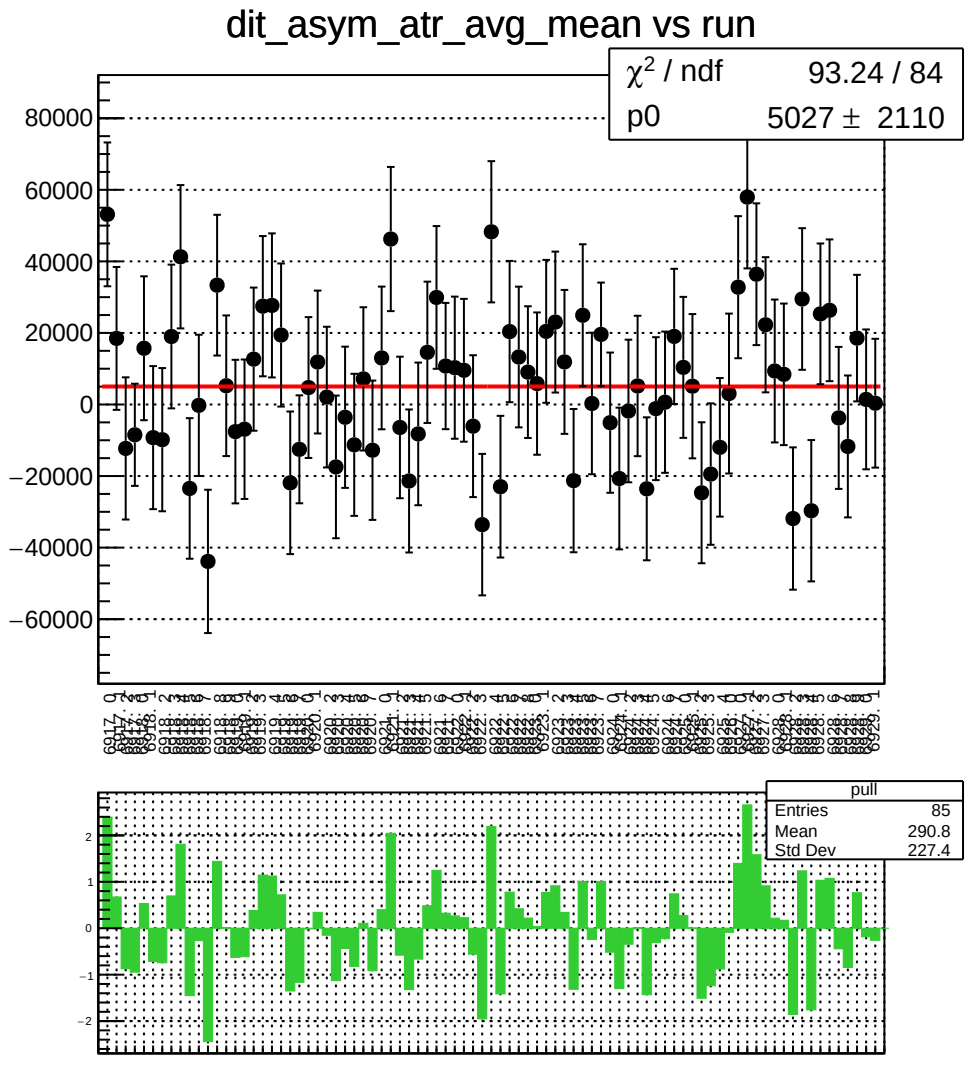

pull1D
Entries 85
Mean 0.005903
Std Dev 0.7343

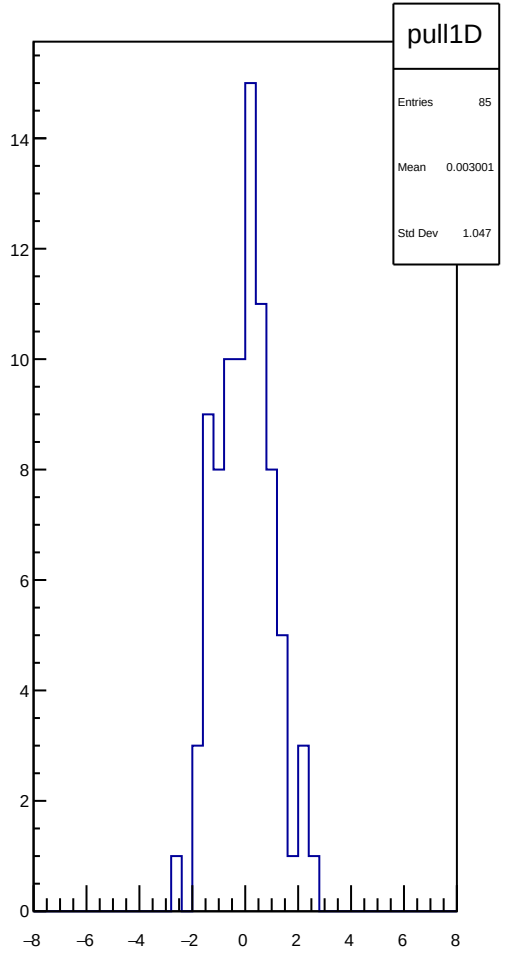

asym_atl_dd_correction_rms vs run
χ² / ndf 1.27e+04 / 84
p0 5310 ± 4.222
6500
6000
5500
5000
4500

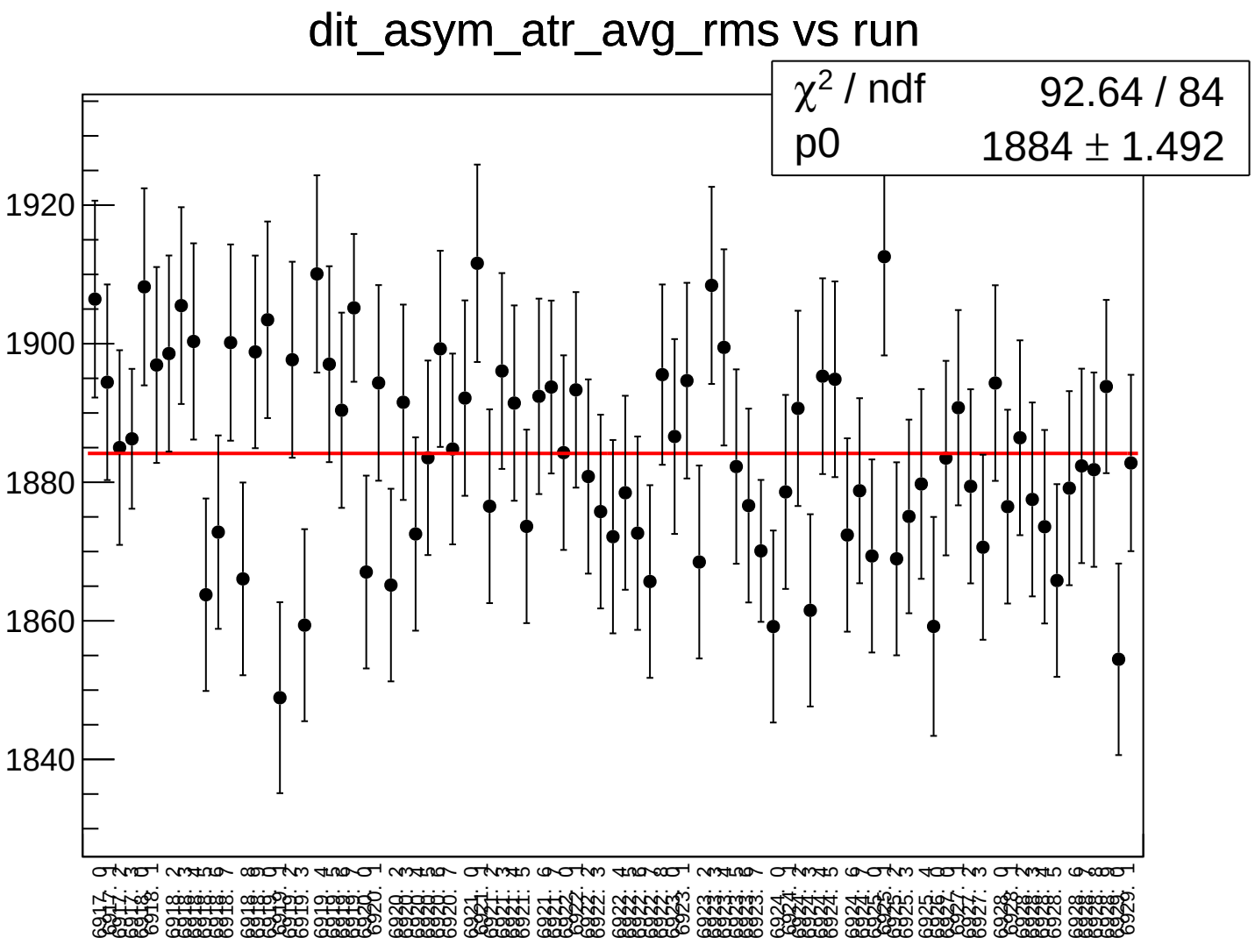

asym_atl_dd_mean vs run
×10^3
χ^2 / ndf 52.04 / 84
p0 −2383 ± 6303
pull
Entries 85
Mean −51.53
Std Dev 74.38

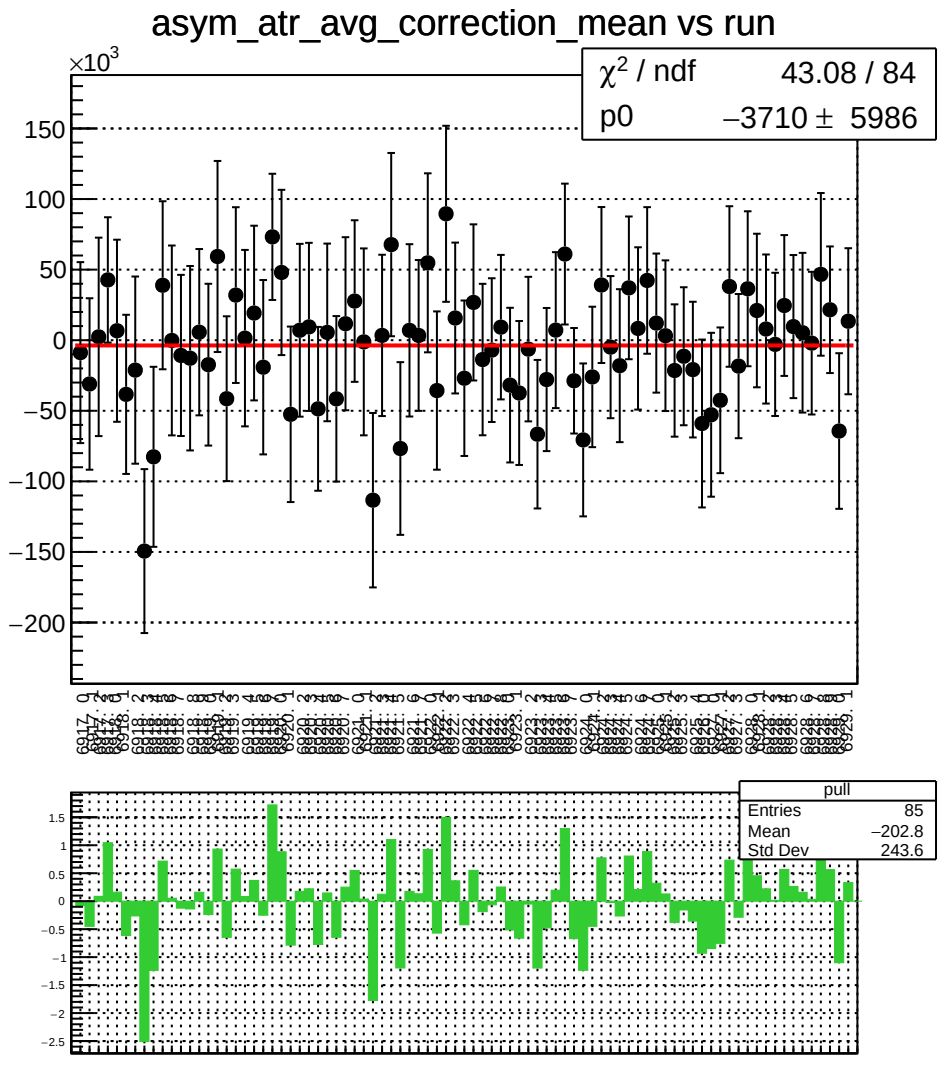

pull1D
Entries 85
Mean −0.009432
Std Dev 0.7824

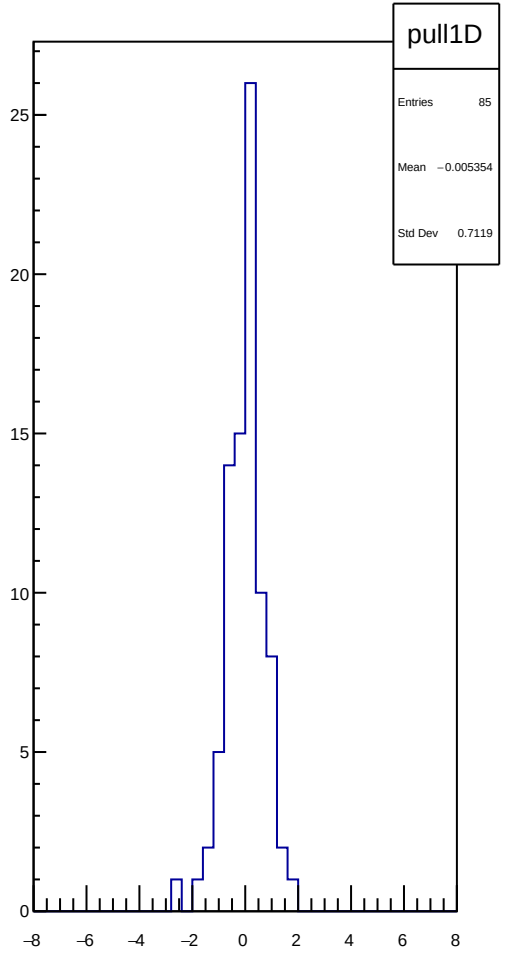

asym_atl_dd_rms vs run
χ² / ndf 1.436e+04 / 84
p0 5603 ± 4.457
8500
8000
7500
7000
6500
6000
5500
5000
4500


dit_asym_atr_avg_mean vs run
χ² / ndf 93.24 / 84
p0 5027 ± 2110
pull
Entries 85
Mean 290.8
Std Dev 227.4

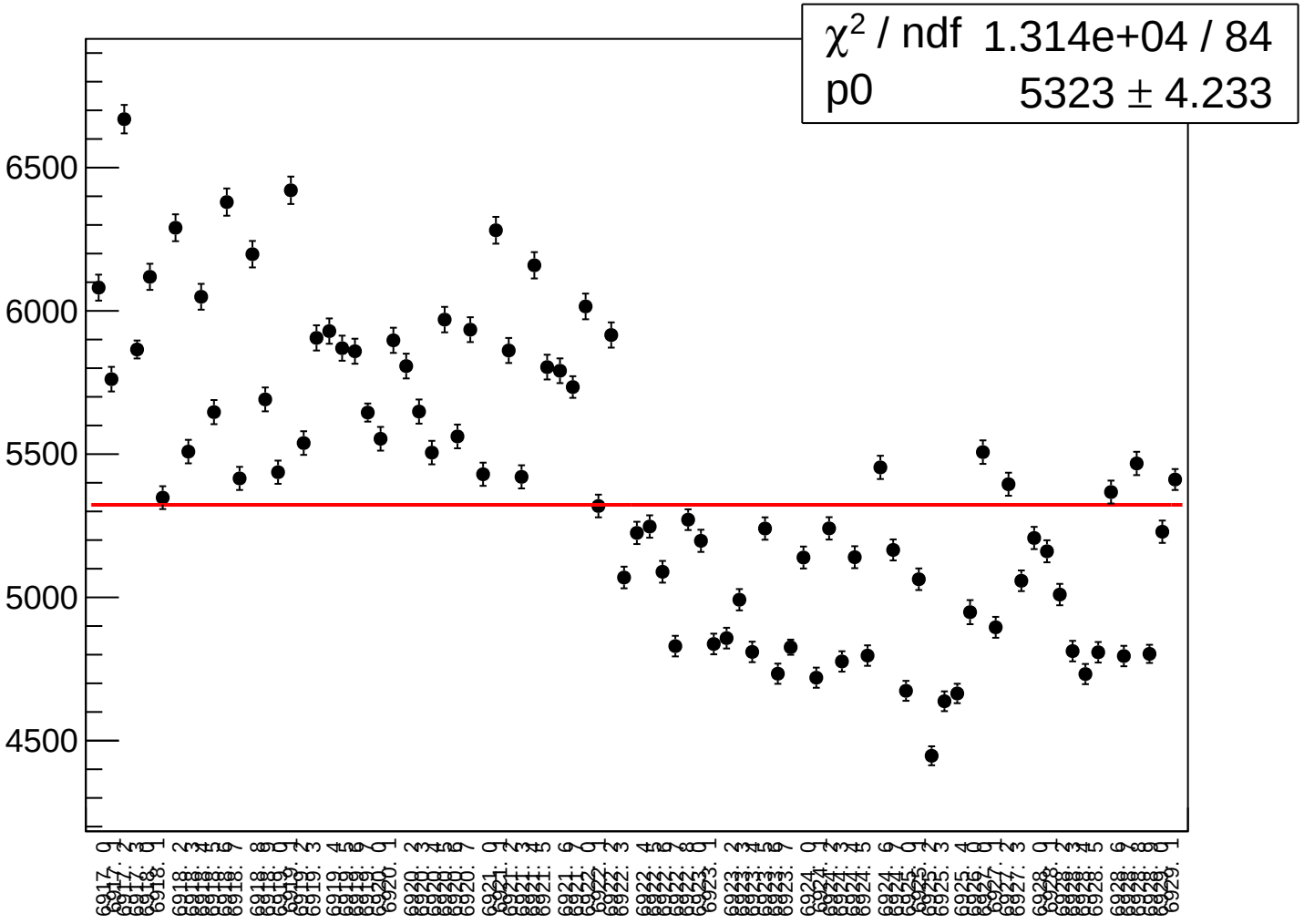

pull1D
Entries 85
Mean 0.003001
Std Dev 1.047

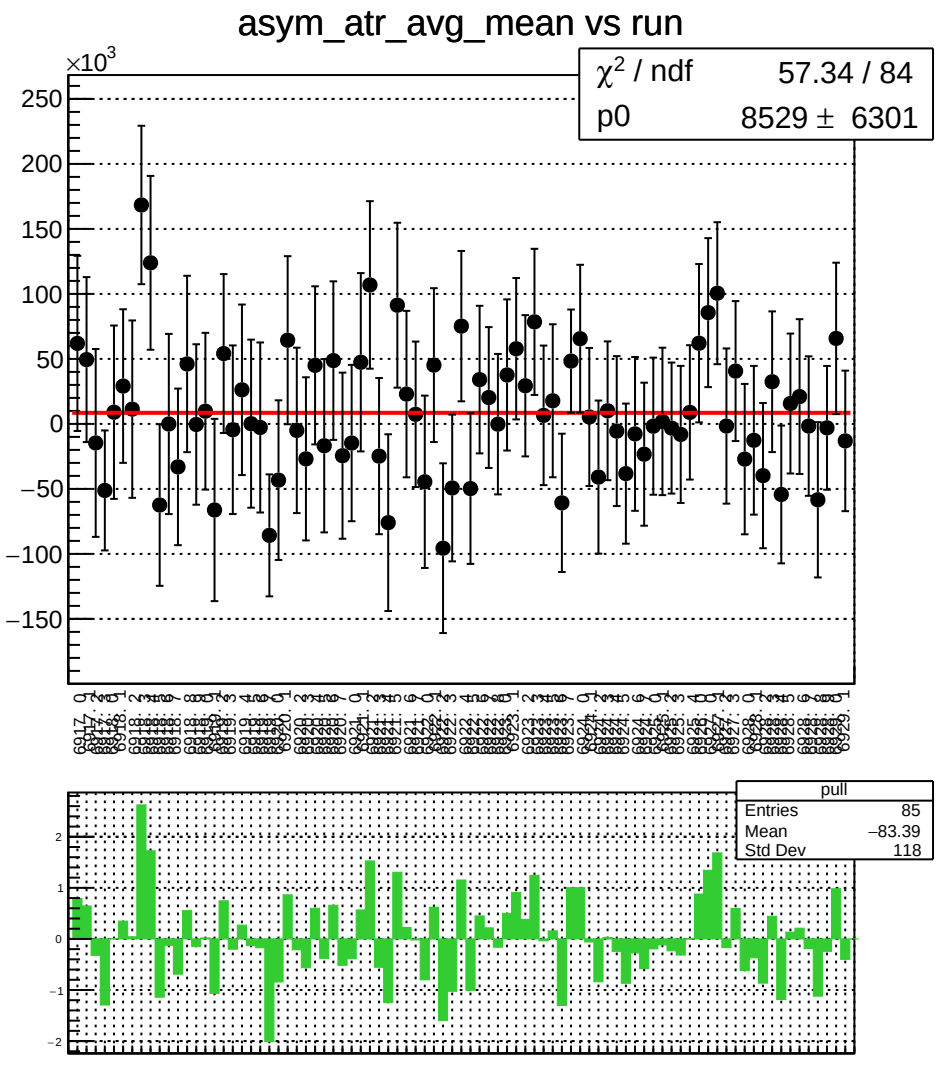

dit_asym_atr_avg_rms vs run
χ² / ndf 92.64 / 84
p0 1884 ± 1.492
1920
1900
1880
1860
1840

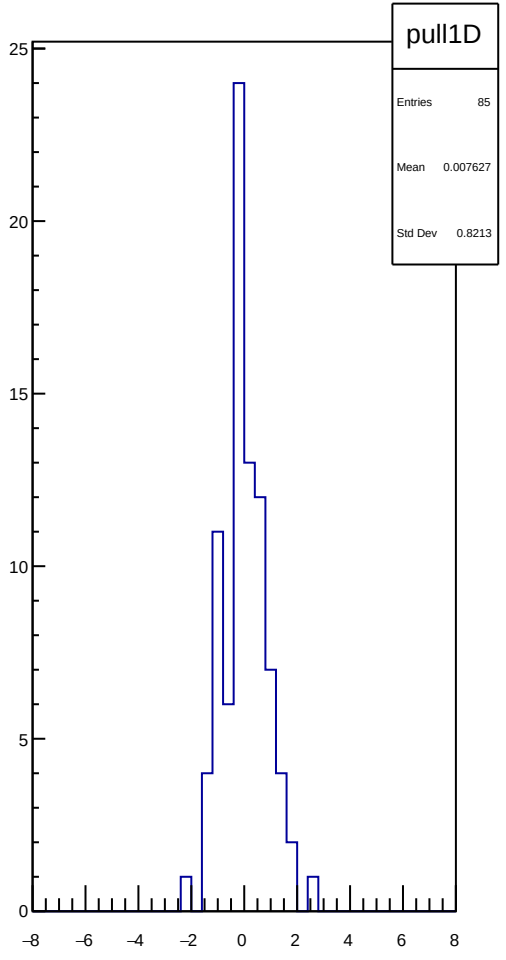

asym_atr_avg_correction_mean vs run
×10^3
χ^2 / ndf 43.08 / 84
p0 −3710 ± 5986
150
100
50
0
−50
−100
−150
−200
pull
Entries 85
Mean −202.8
Std Dev 243.6
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

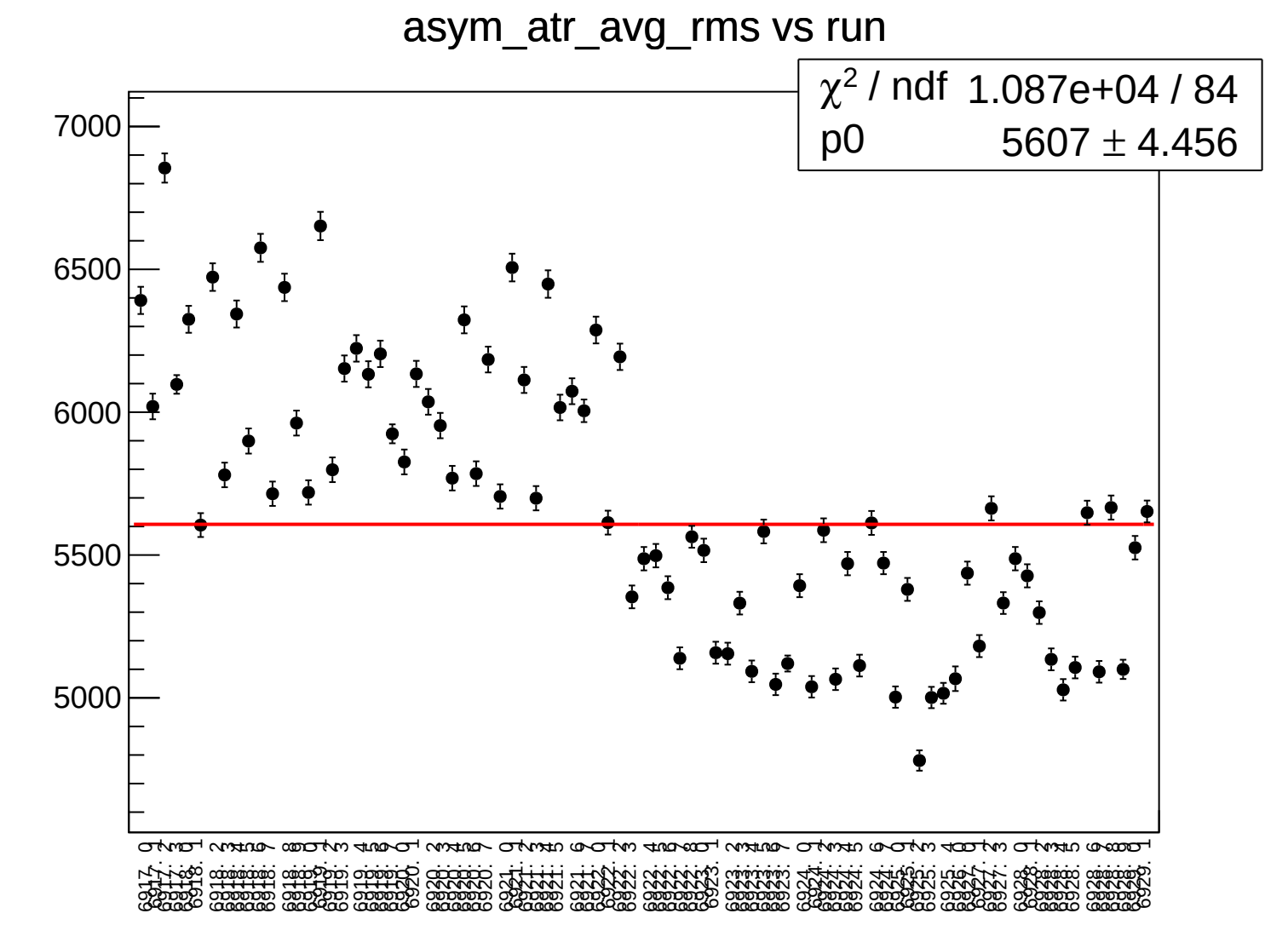

pull1D
Entries 85
Mean −0.005354
Std Dev 0.7119
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

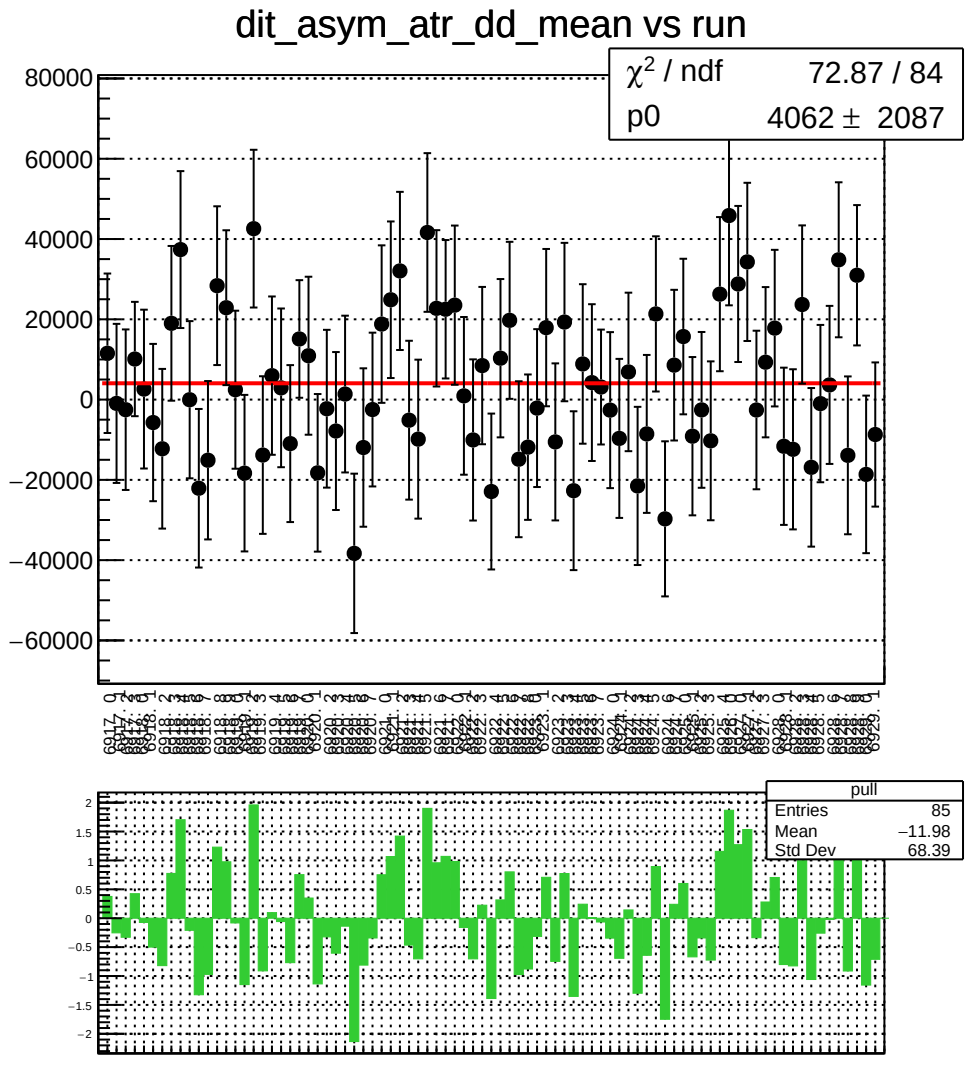
asym_atr_avg_correction_rms vs run

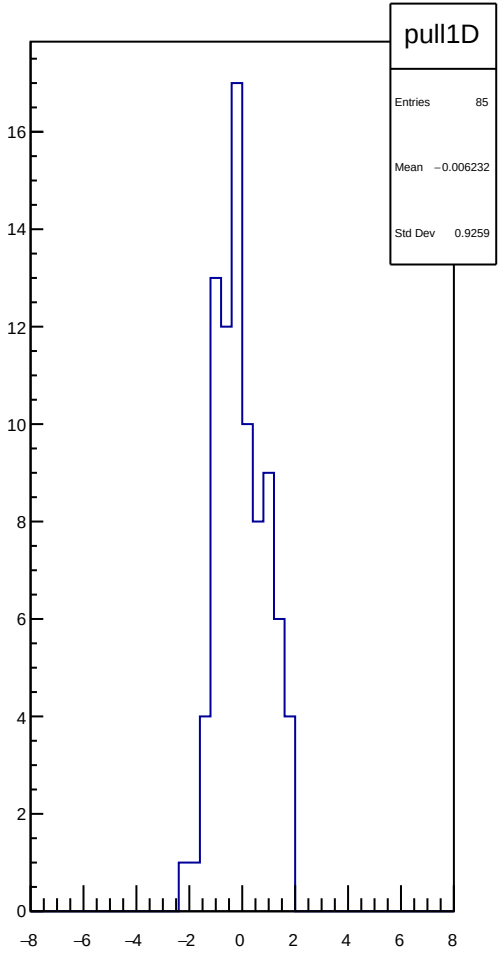


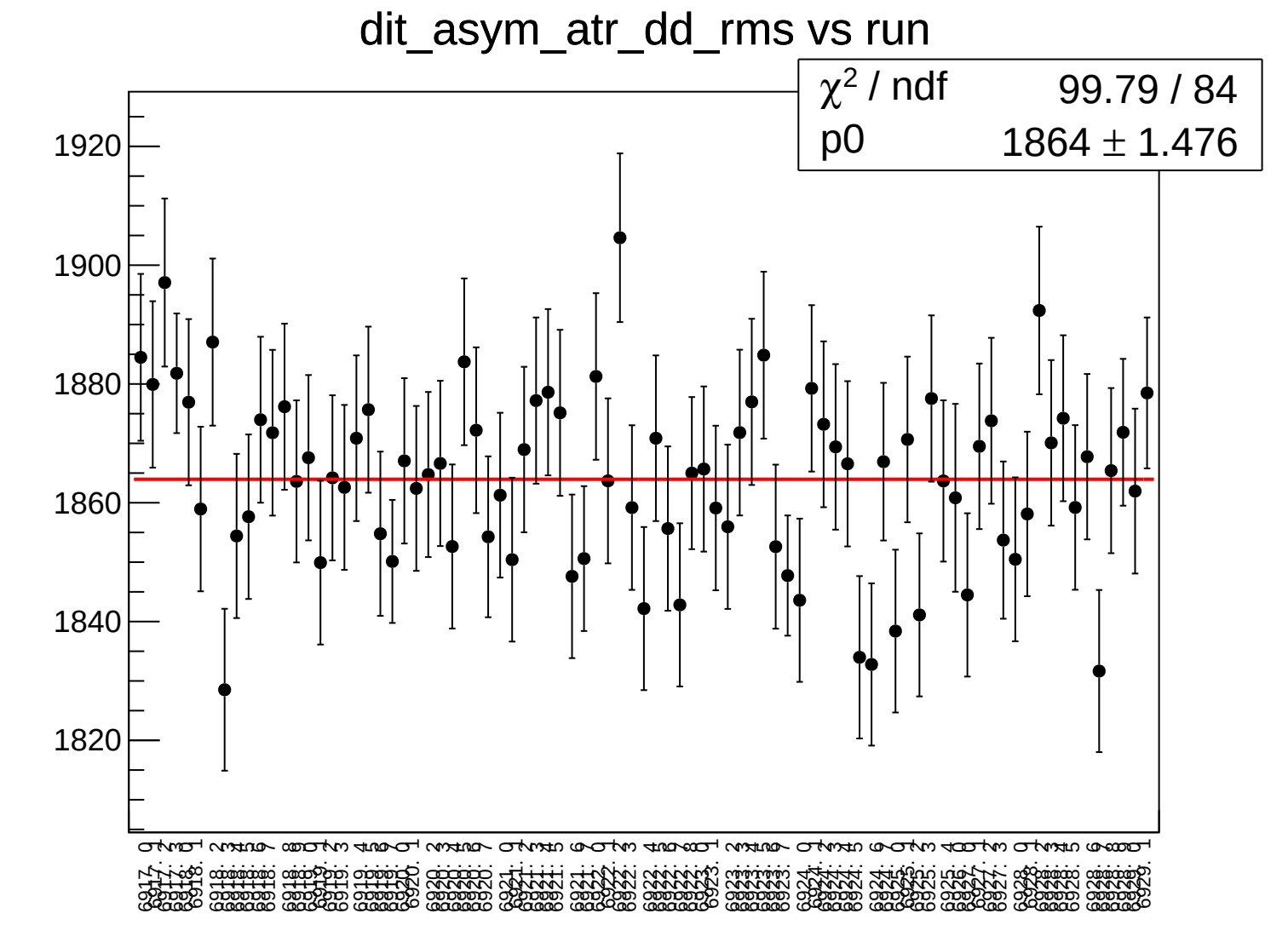

asym_atr_avg_mean vs run
×10^3
χ² / ndf 57.34 / 84
p0 8529 ± 6301
250
200
150
100
50
0
−50
−100
−150
pull
Entries 85
Mean −83.39
Std Dev 118
2
1
0
−1
−2

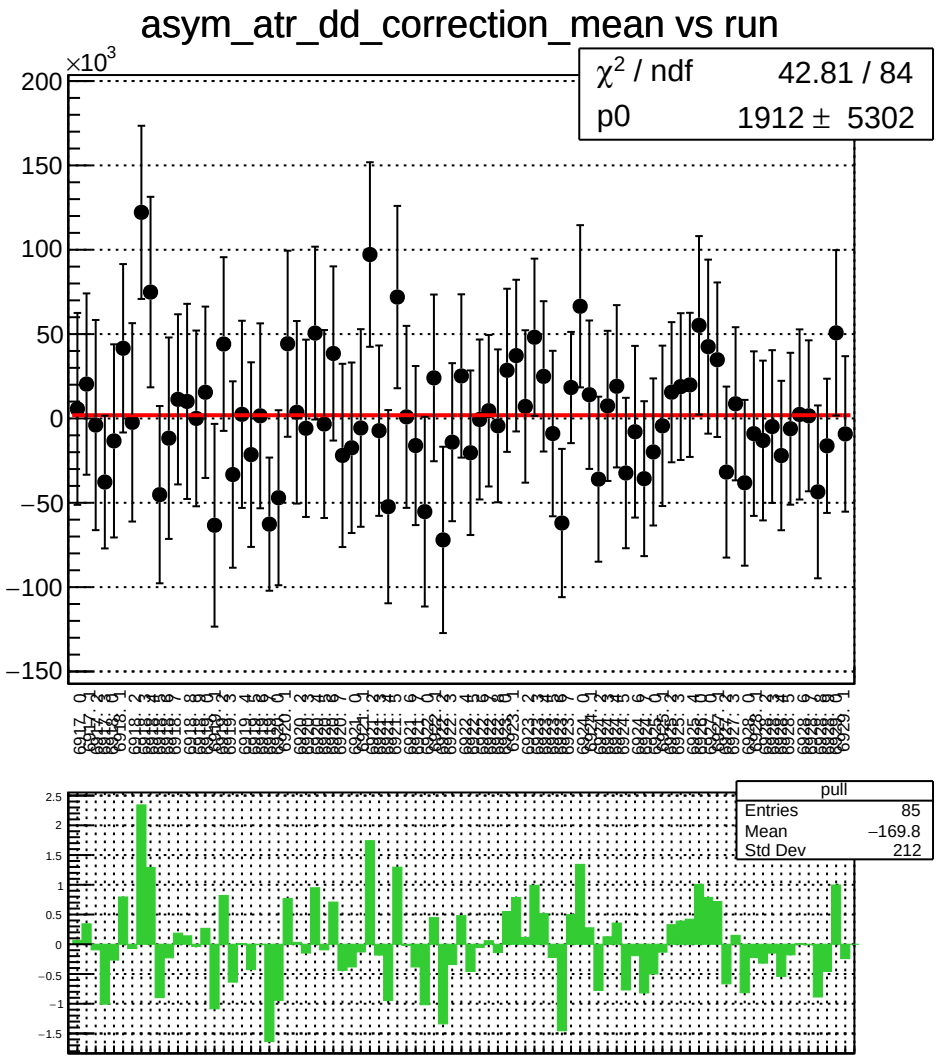

pull1D
Entries 85
Mean 0.007627
Std Dev 0.8213
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

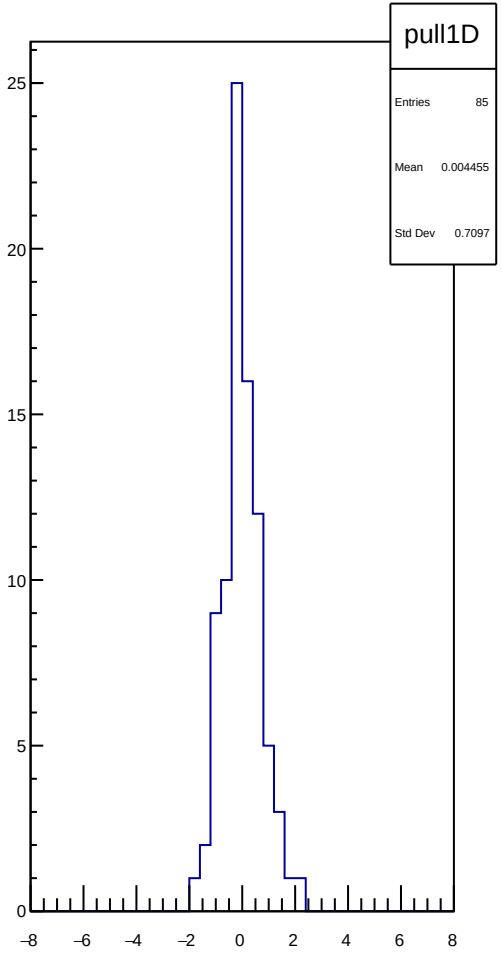

asym_atr_avg_rms vs run
χ^2 / ndf 1.087e+04 / 84
p0 5607 ± 4.456
7000
6500
6000
5500
5000

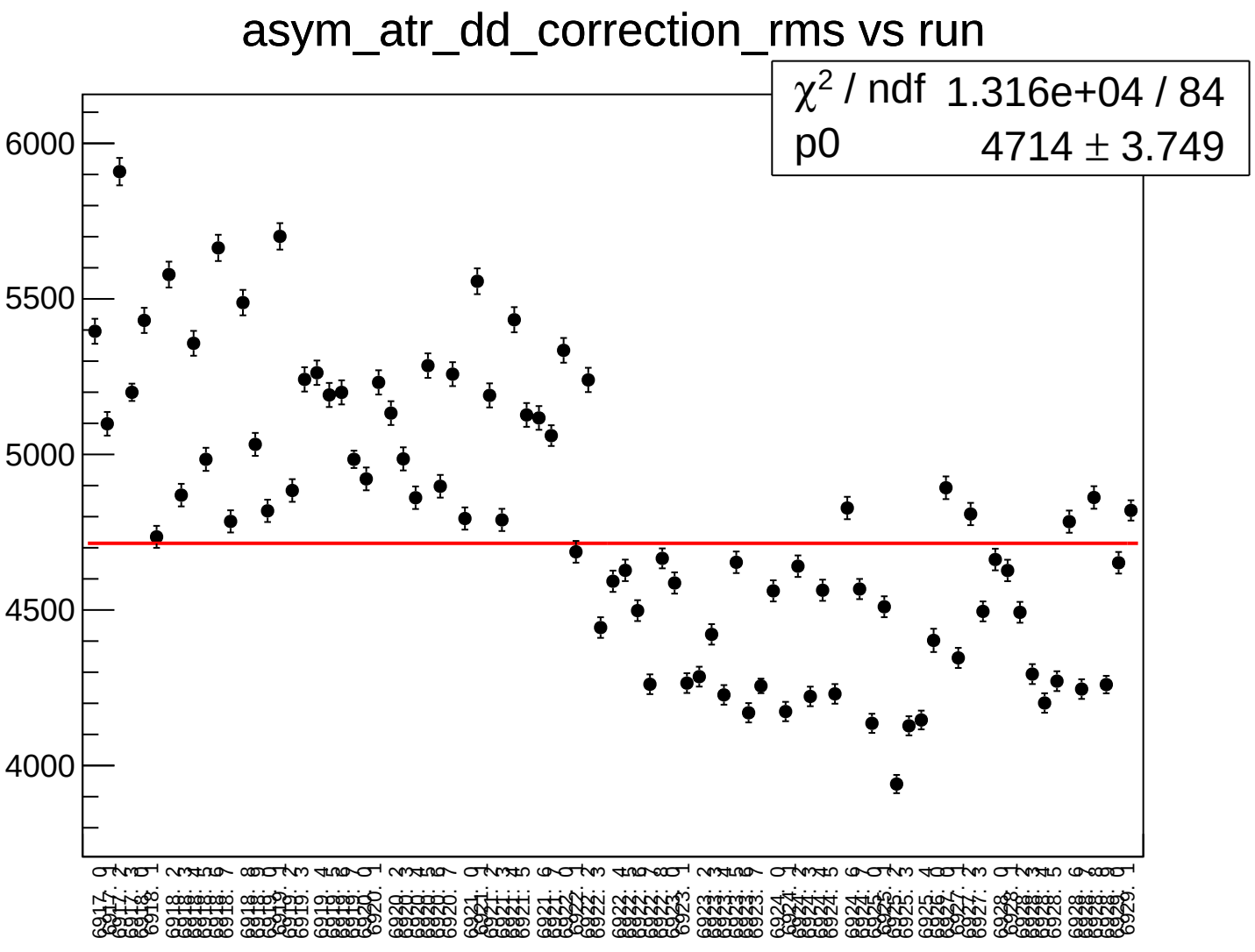

dit_asym_atr_dd_mean vs run
χ² / ndf 72.87 / 84
p0 4062 ± 2087
pull
Entries 85
Mean −11.98
Std Dev 68.39

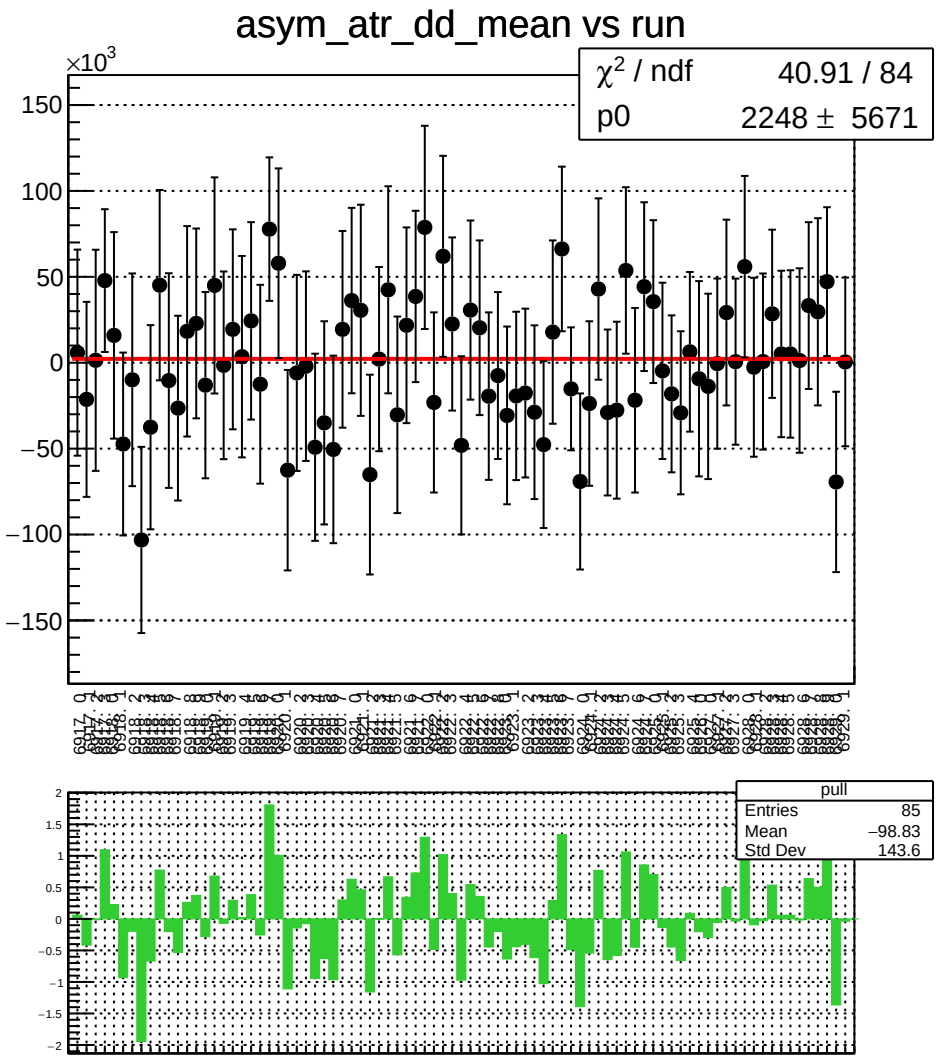

pull1D
Entries 85
Mean −0.006232
Std Dev 0.9259

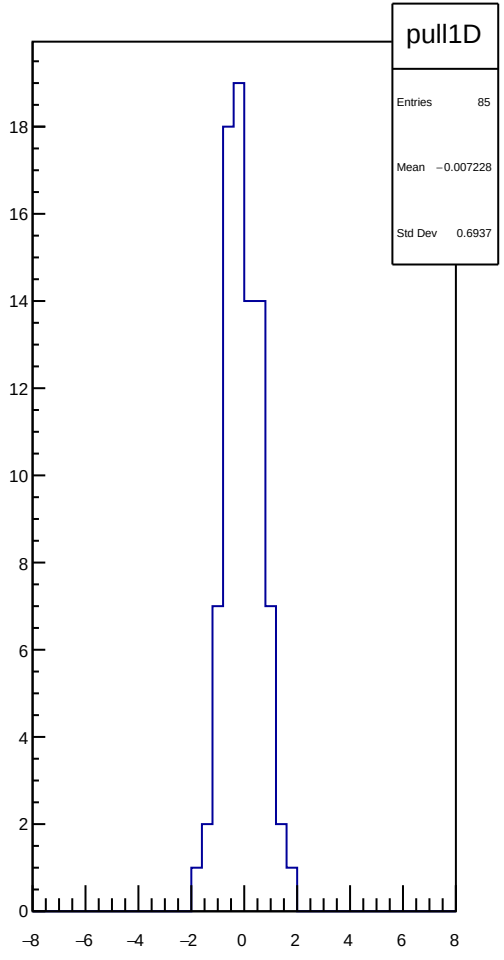

dit_asym_atr_dd_rms vs run
χ^2 / ndf 99.79 / 84
p0 1864 ± 1.476
1920
1900
1880
1860
1840
1820

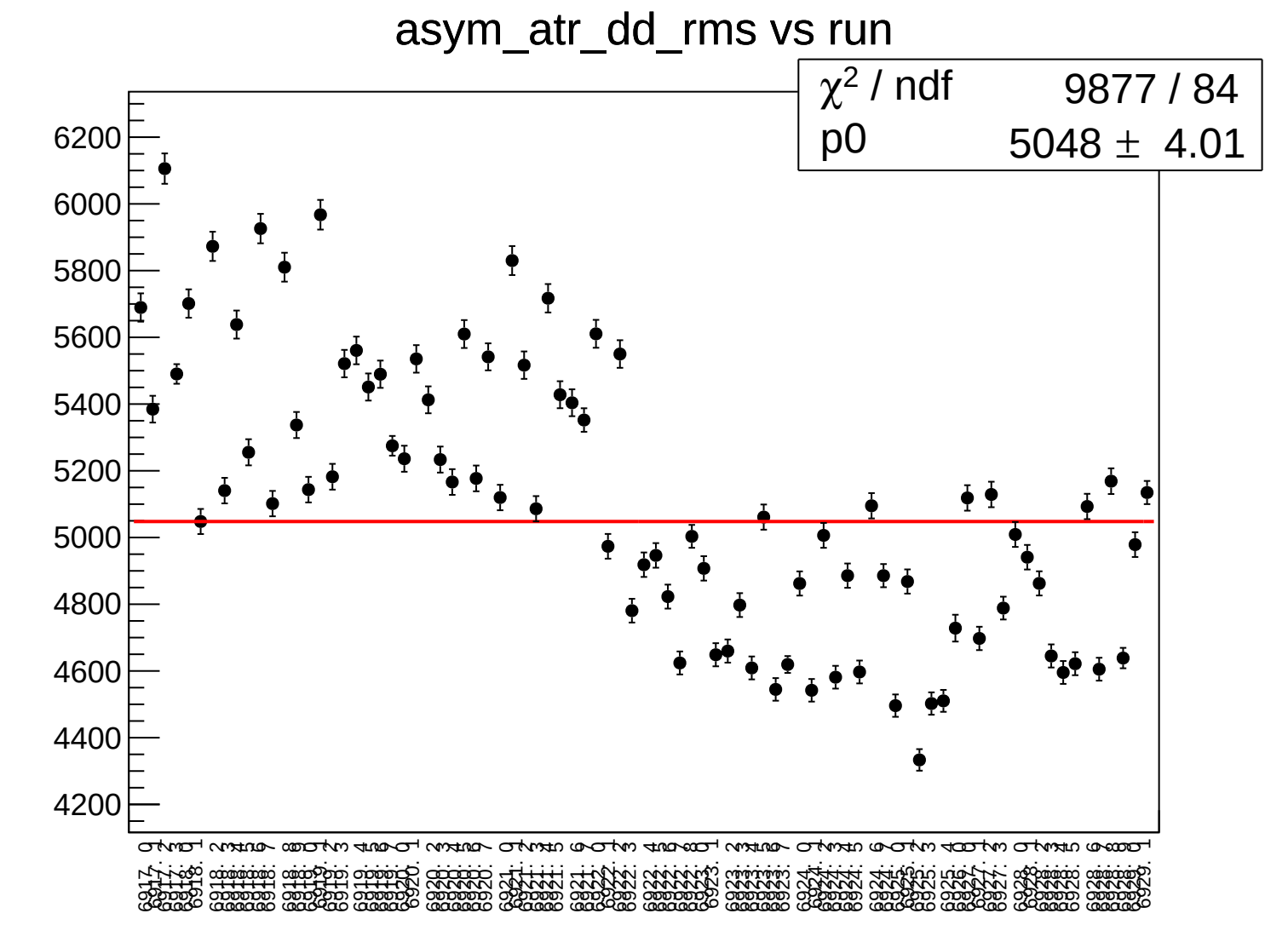

asym_atr_dd_correction_mean vs run
×10^3
χ² / ndf 42.81 / 84
p0 1912 ± 5302
pull
Entries 85
Mean −169.8
Std Dev 212

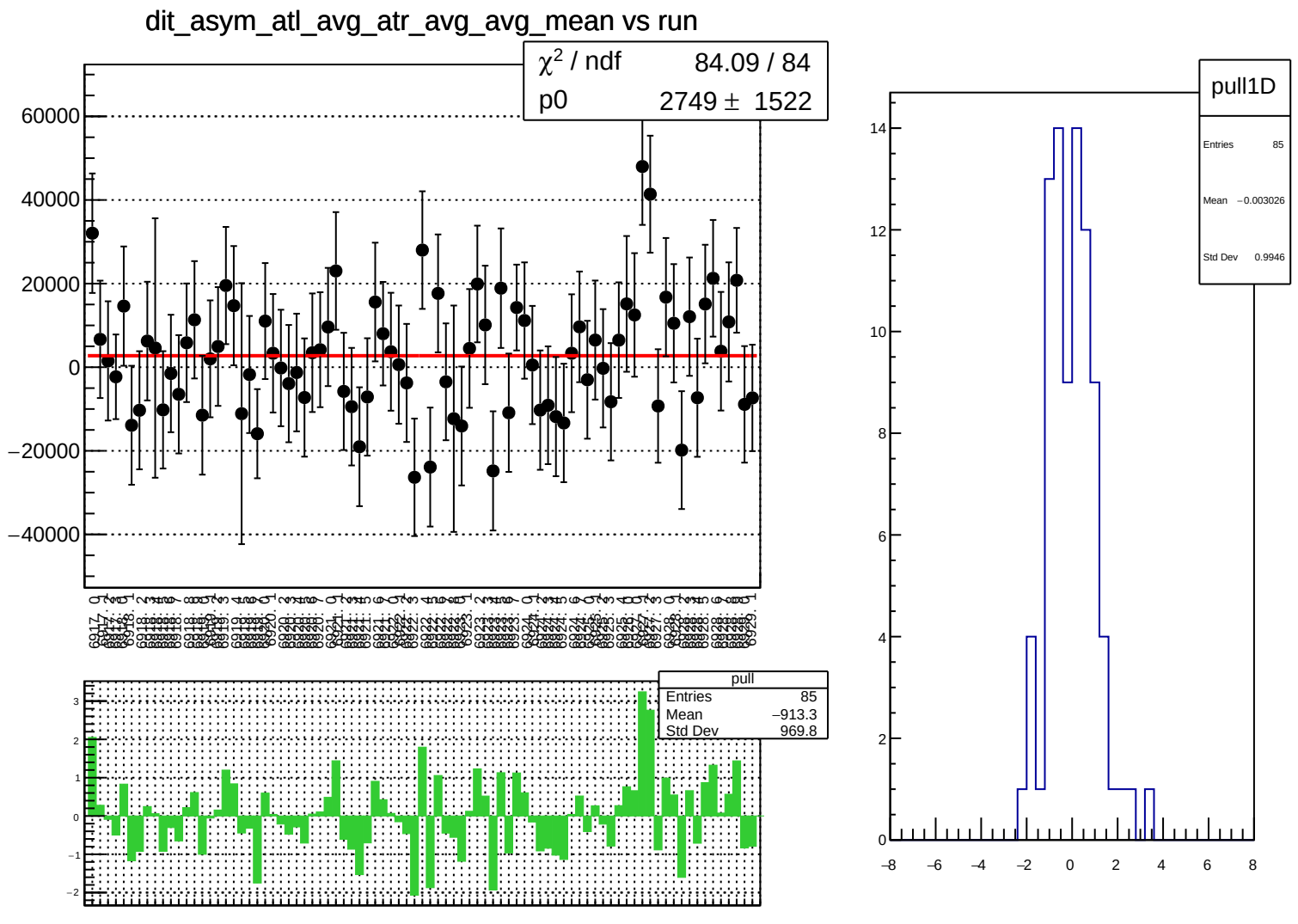

pull1D
Entries 85
Mean 0.004455
Std Dev 0.7097

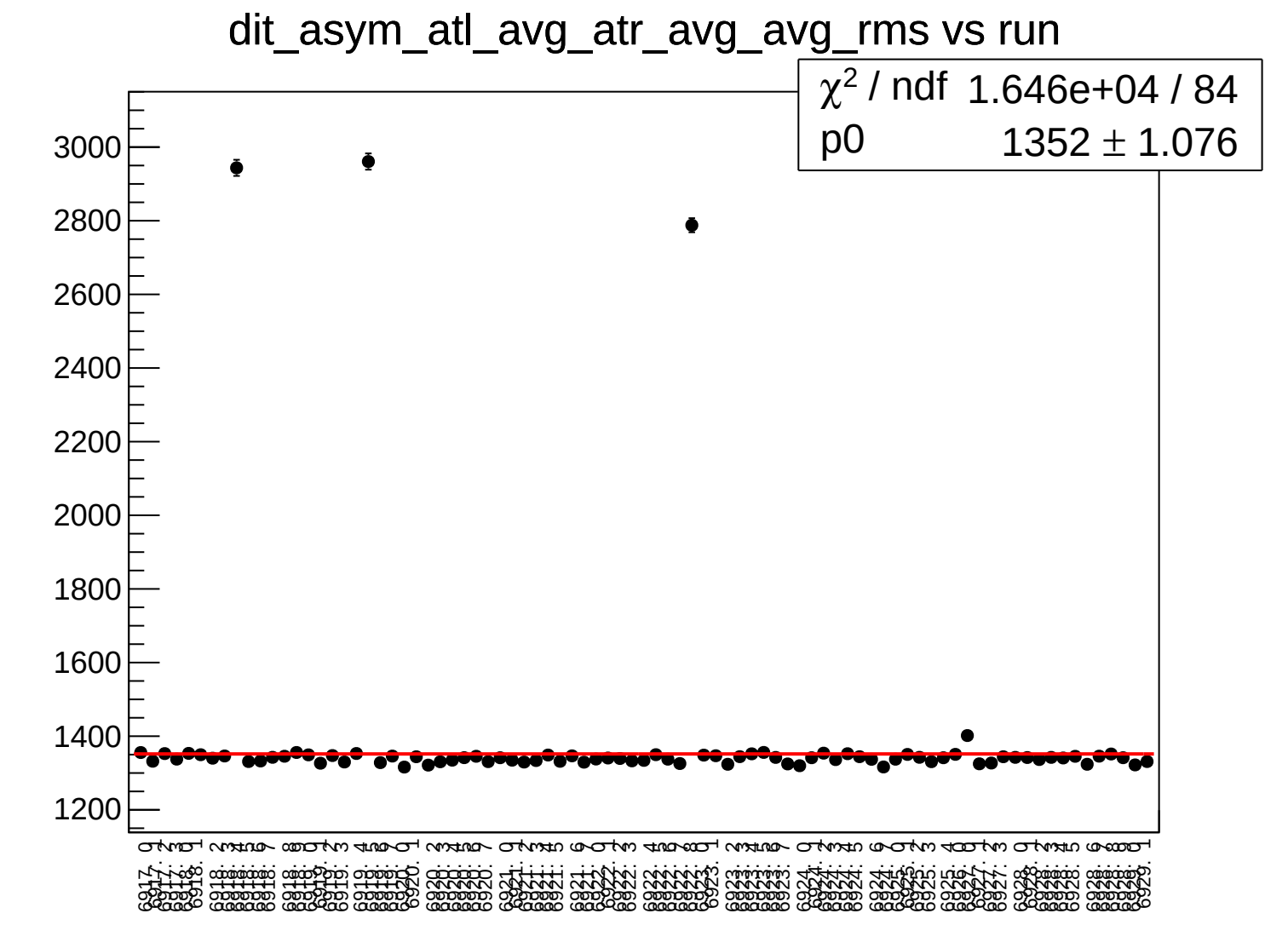

asym_atr_dd_correction_rms vs run
χ² / ndf 1.316e+04 / 84
p0 4714 ± 3.749
6000
5500
5000
4500
4000

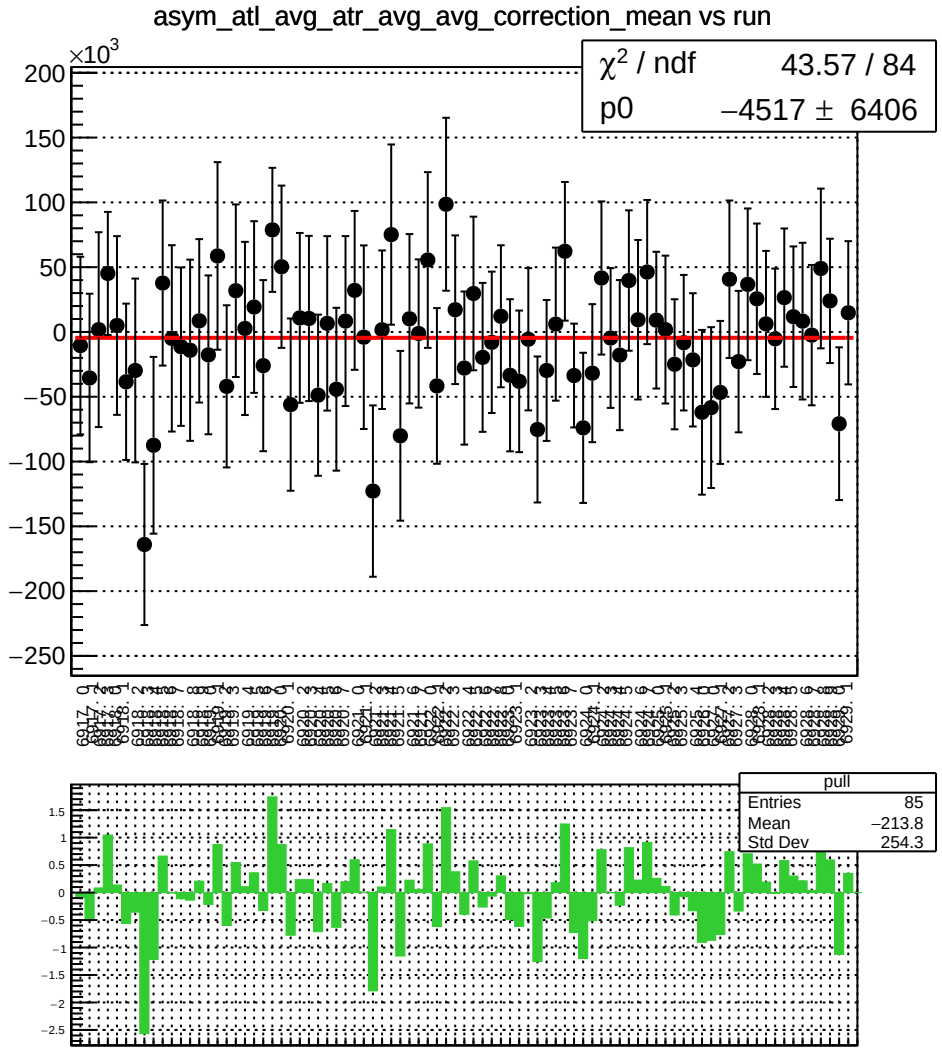

asym_atr_dd_mean vs run
×10^3
χ² / ndf 40.91 / 84
p0 2248 ± 5671
150
100
50
0
−50
−100
−150
pull
Entries 85
Mean −98.83
Std Dev 143.6
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

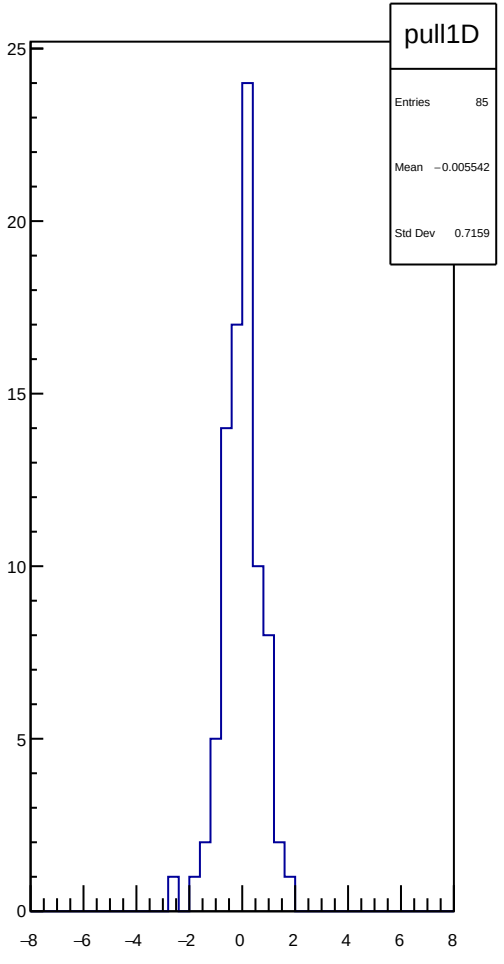

pull1D
Entries 85
Mean −0.007228
Std Dev 0.6937
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

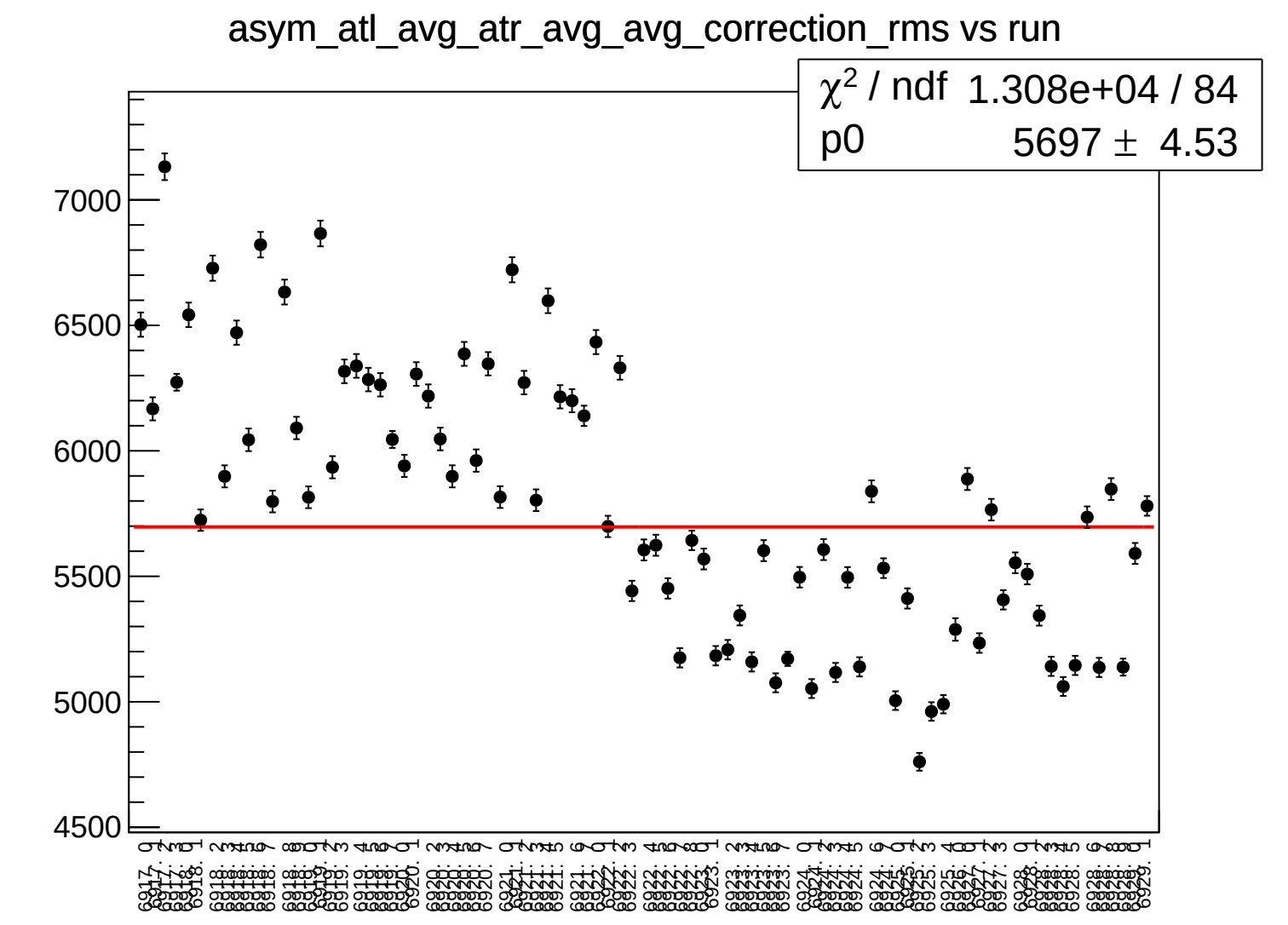

asym_atr_dd_rms vs run
χ² / ndf 9877 / 84
p0 5048 ± 4.01
6200
6000
5800
5600
5400
5200
5000
4800
4600
4400
4200

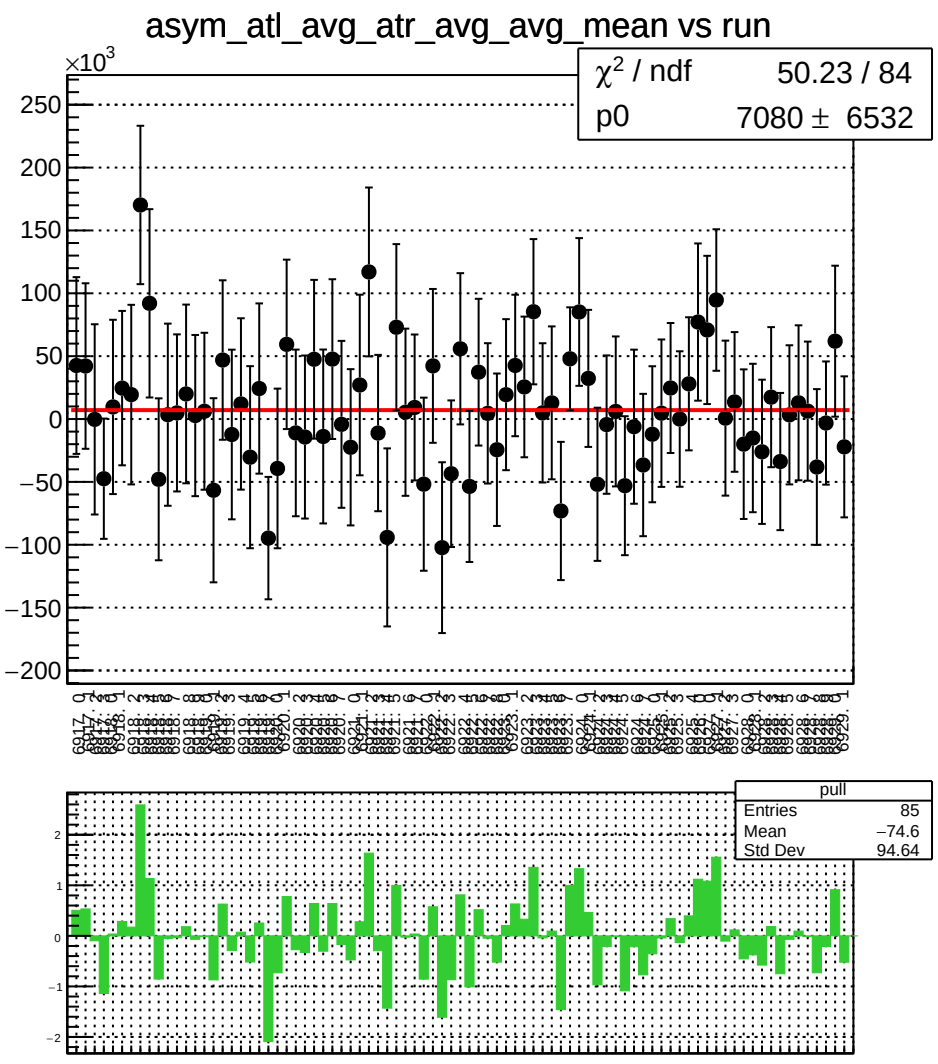

dit_asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 84.09 / 84
p0 2749 ± 1522
60000
40000
20000
0
−20000
−40000
pull
Entries 85
Mean −913.3
Std Dev 969.8
3
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.003026
Std Dev 0.9946
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

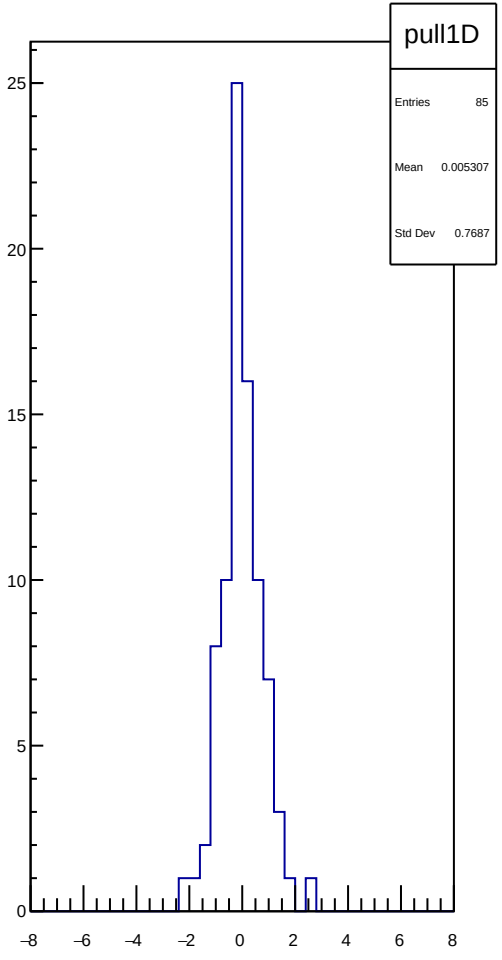

dit_asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 1.646e+04 / 84
p0 1352 ± 1.076
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

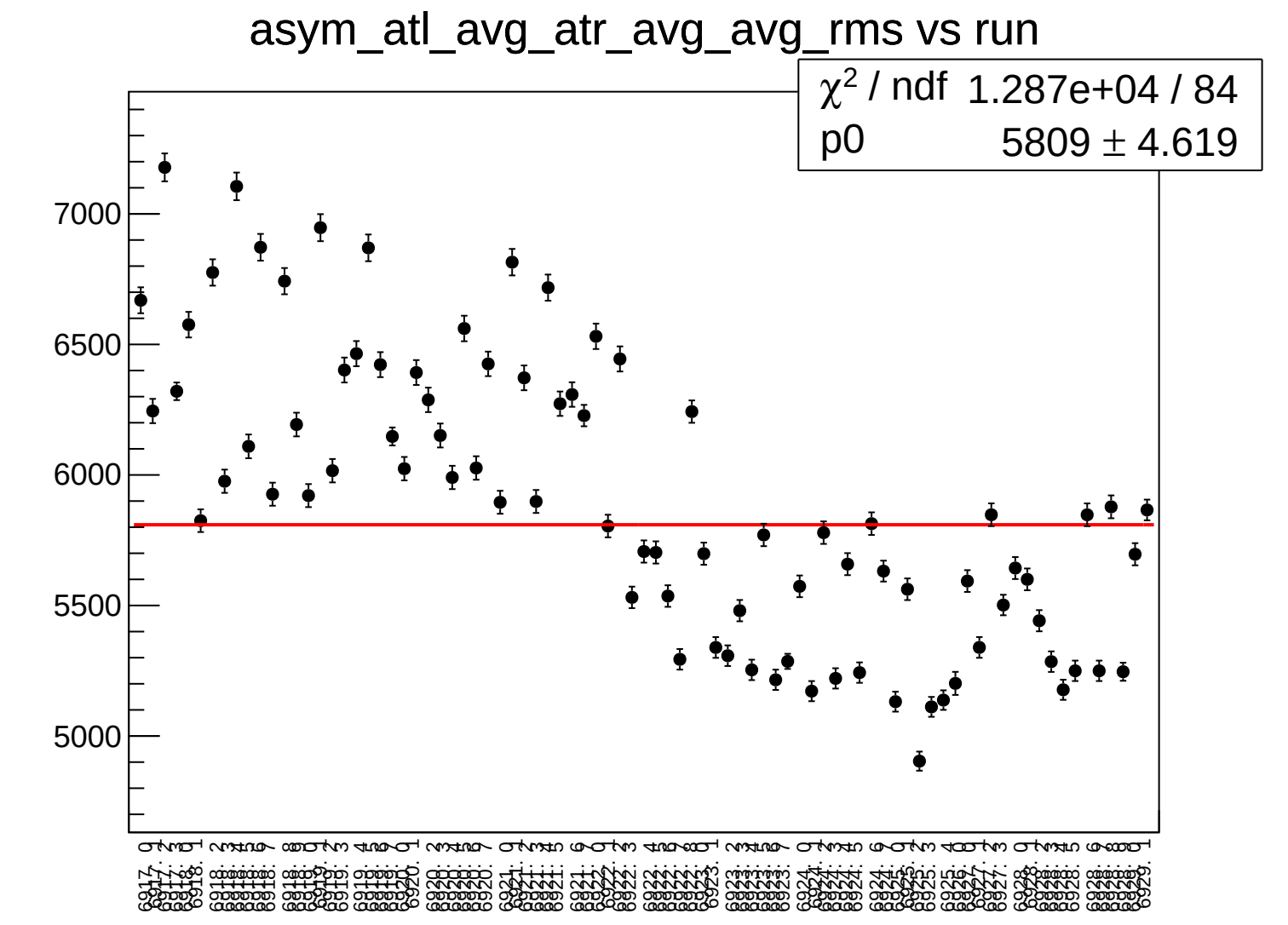

asym_atl_avg_atr_avg_avg_correction_mean vs run
×10^3
χ² / ndf 43.57 / 84
p0 −4517 ± 6406
pull
Entries 85
Mean −213.8
Std Dev 254.3

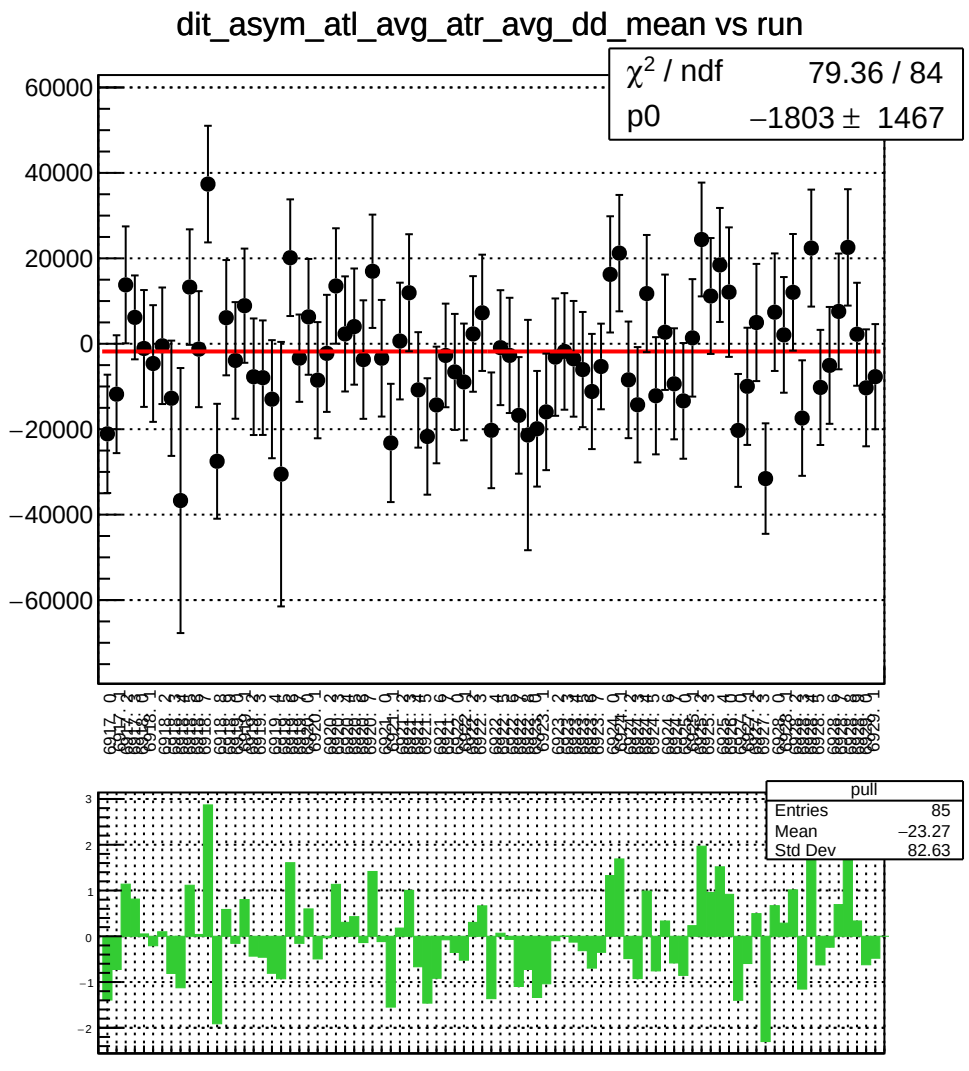

pull1D
Entries 85
Mean −0.005542
Std Dev 0.7159

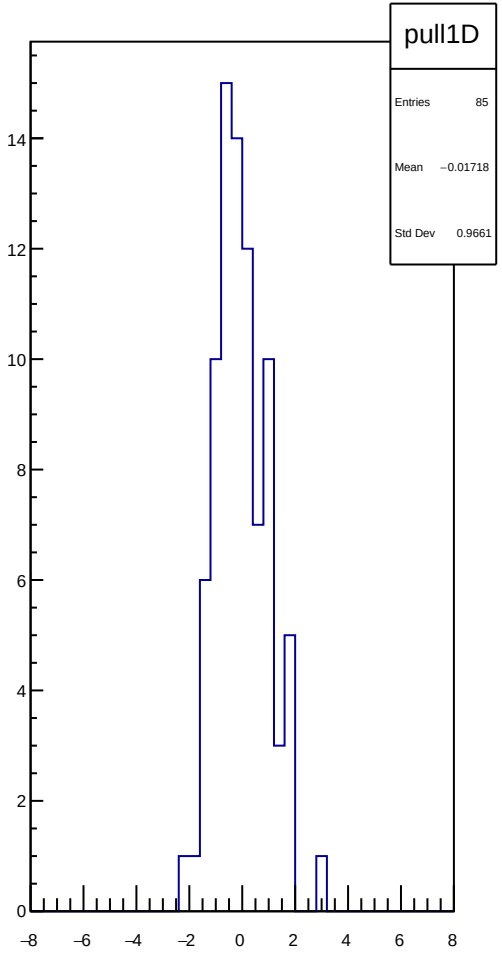

asym_atl_avg_atr_avg_avg_correction_rms vs run
χ² / ndf 1.308e+04 / 84
p0 5697 ± 4.53
7000
6500
6000
5500
5000
4500

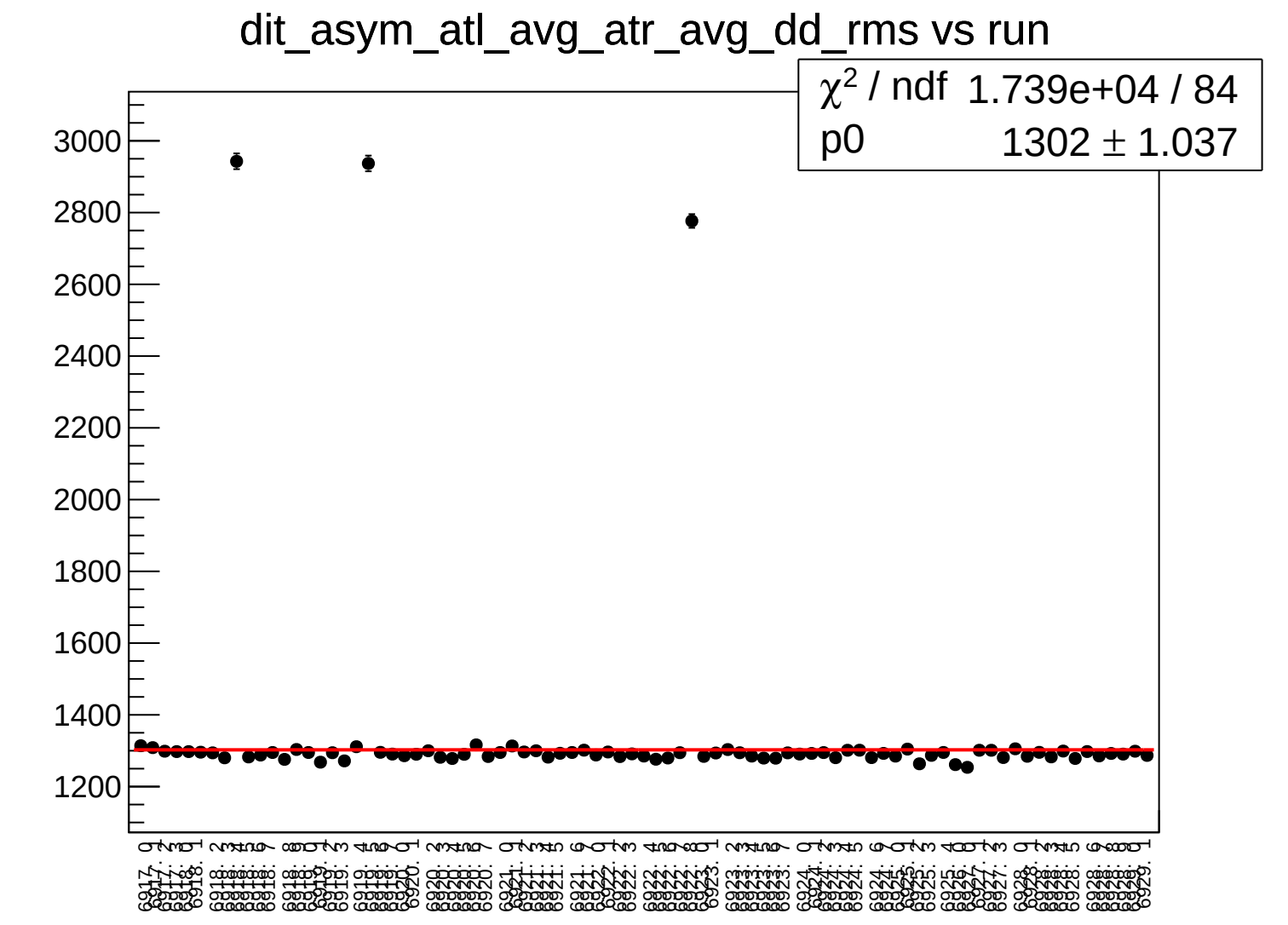

asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 50.23 / 84
p0 7080 ± 6532
pull
Entries 85
Mean −74.6
Std Dev 94.64

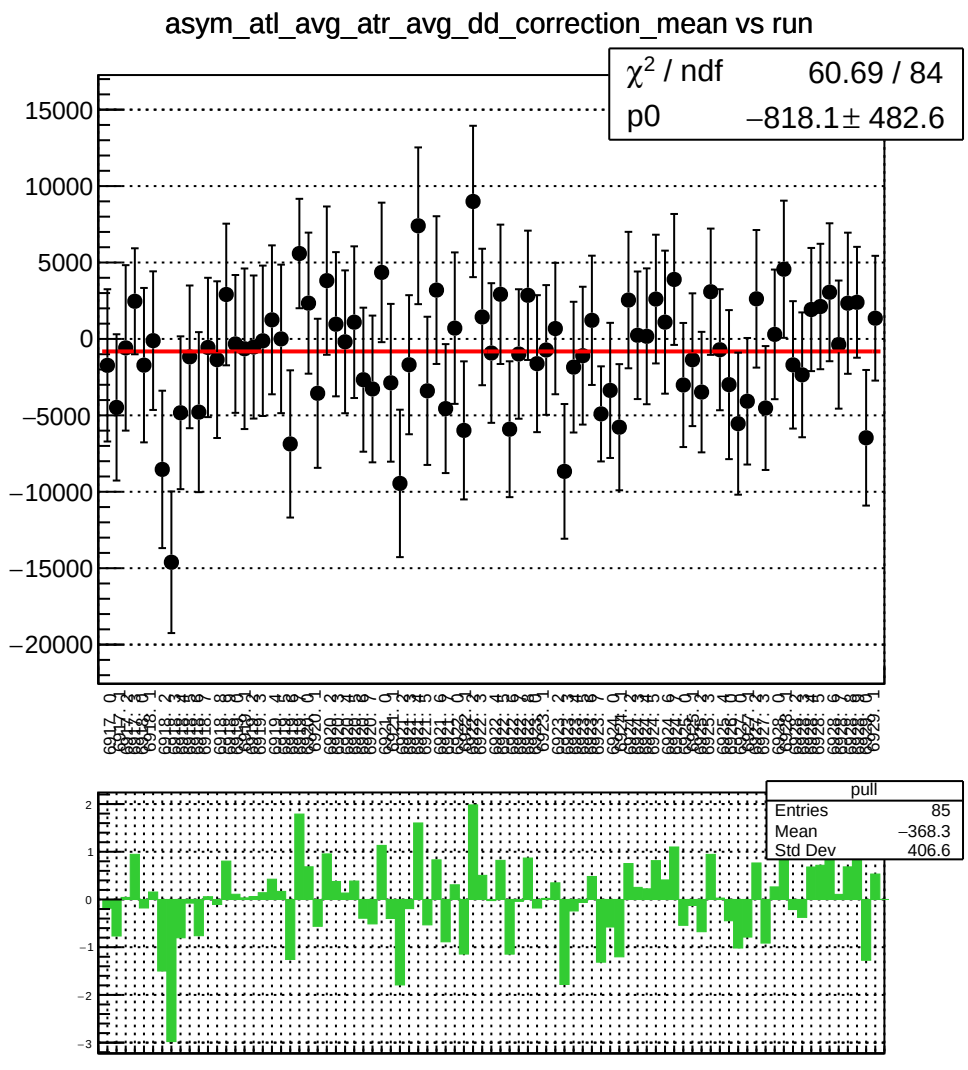

pull1D
Entries 85
Mean 0.005307
Std Dev 0.7687

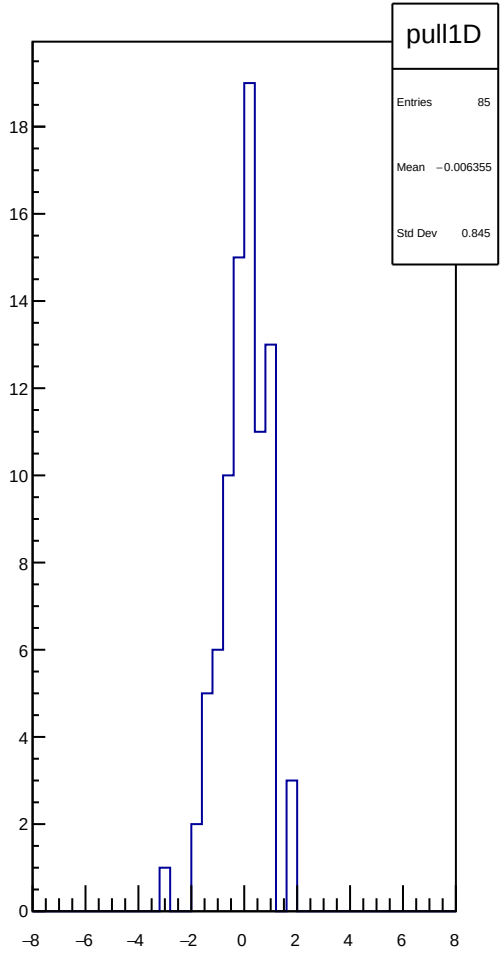

asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 1.287e+04 / 84
p0 5809 ± 4.619
7000
6500
6000
5500
5000

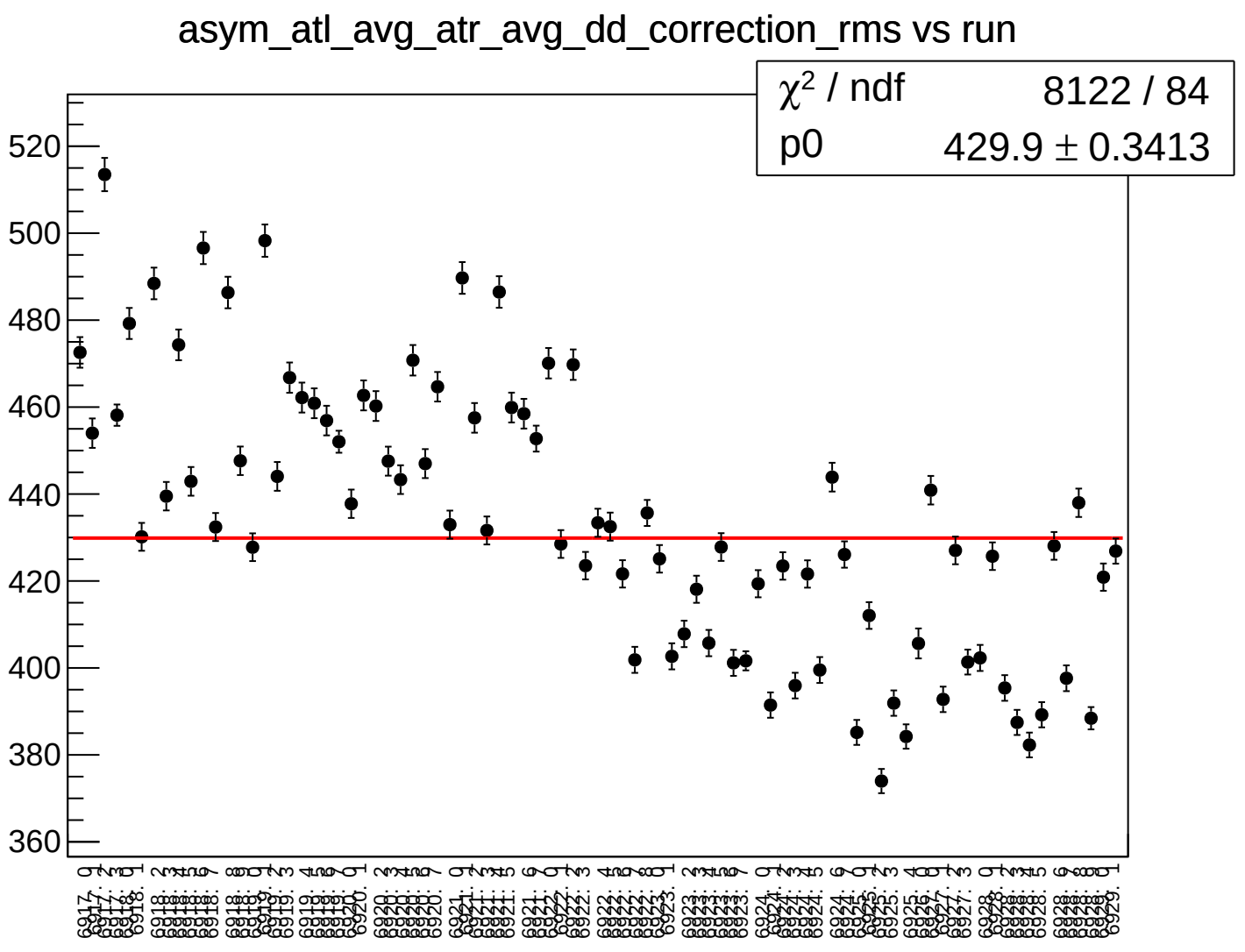

dit_asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 79.36 / 84
p0 −1803 ± 1467
pull
Entries 85
Mean −23.27
Std Dev 82.63

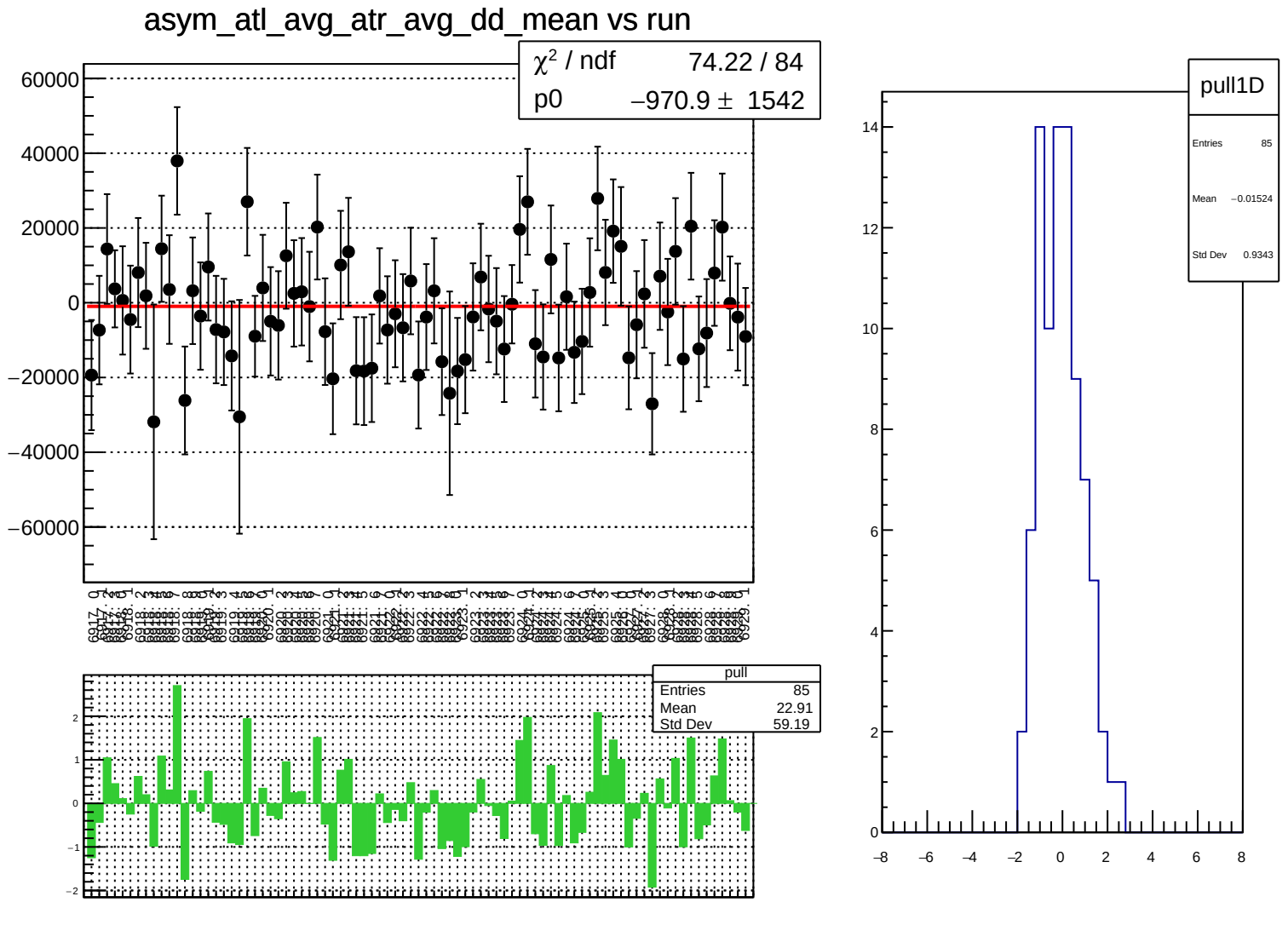

pull1D
Entries 85
Mean −0.01718
Std Dev 0.9661

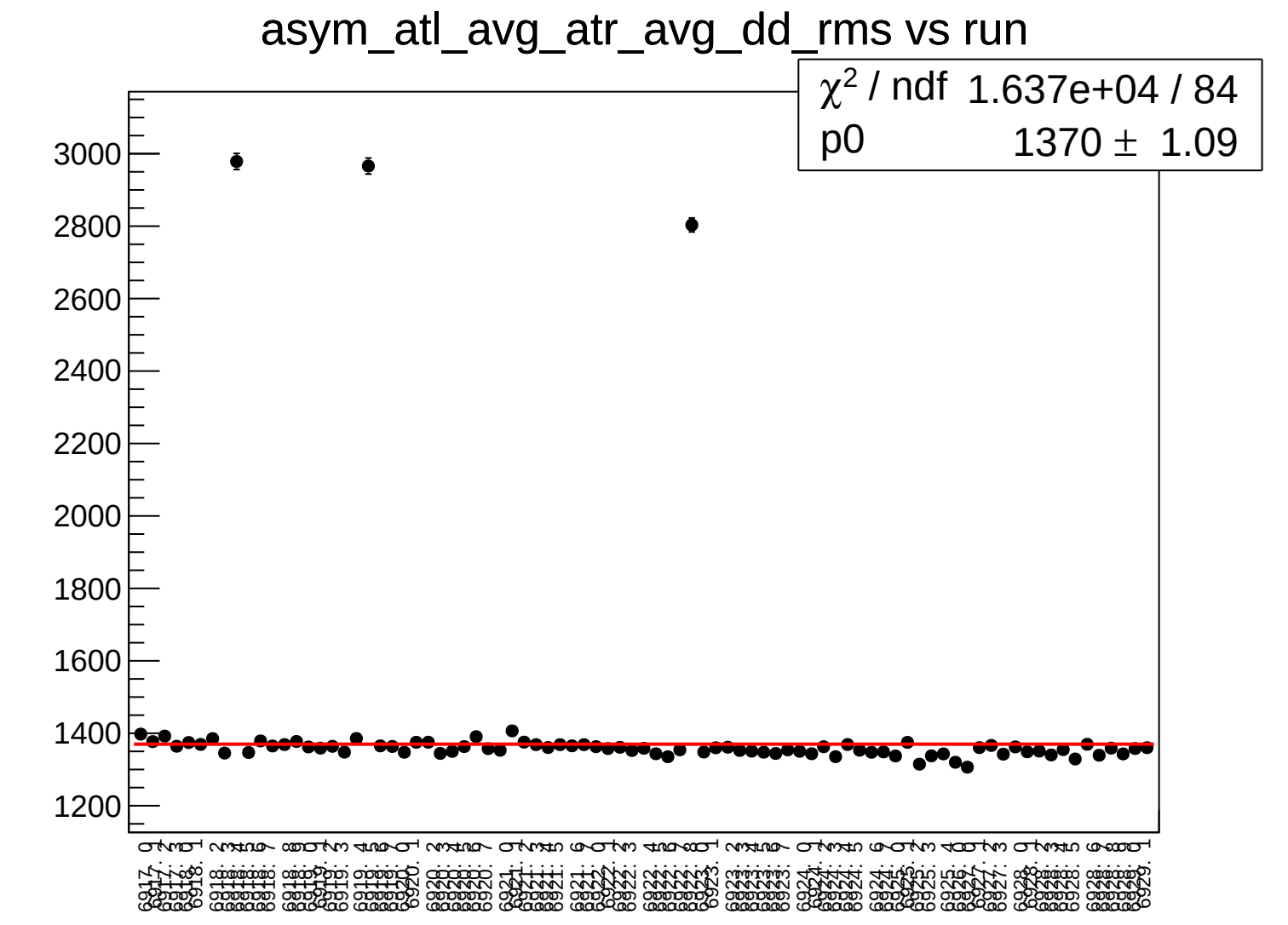

dit_asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 1.739e+04 / 84
p0 1302 ± 1.037
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

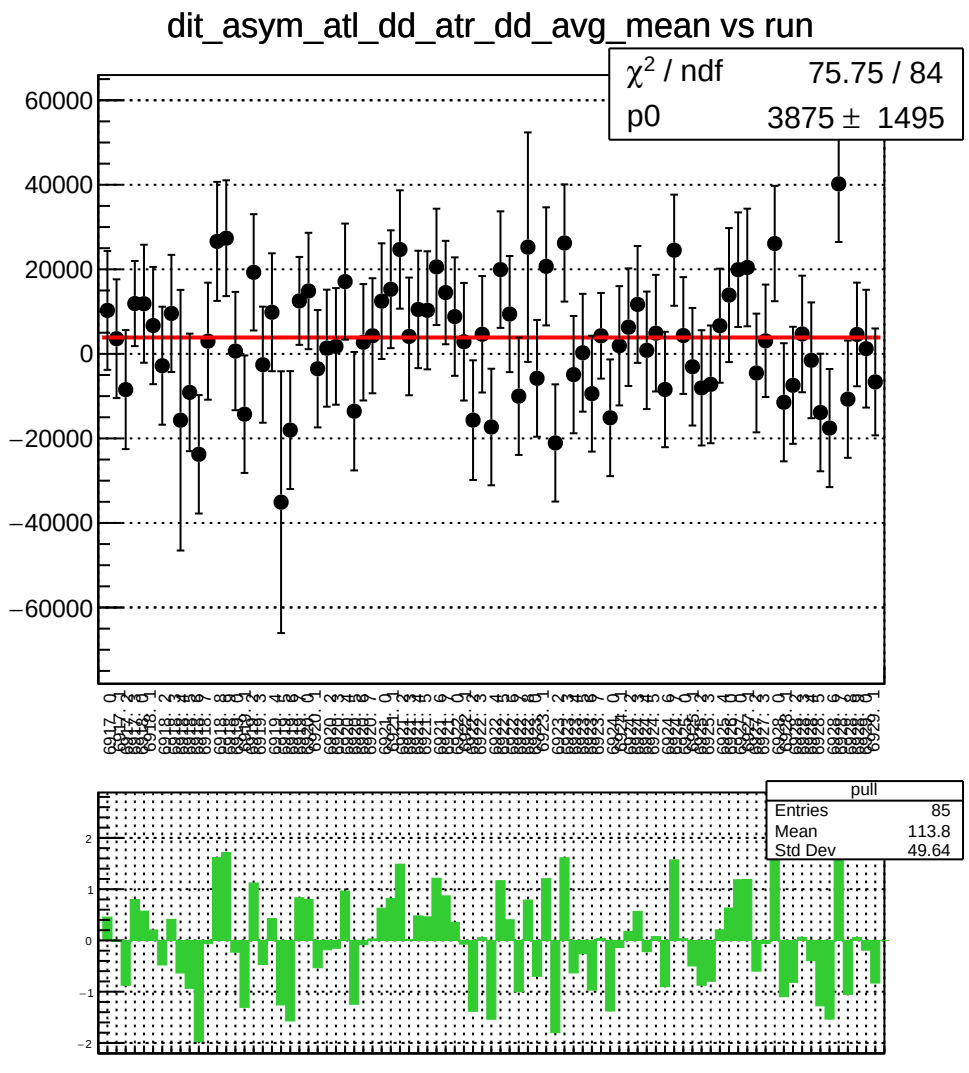

asym_atl_avg_atr_avg_dd_correction_mean vs run
χ² / ndf 60.69 / 84
p0 −818.1 ± 482.6
15000
10000
5000
0
−5000
−10000
−15000
−20000
pull
Entries 85
Mean −368.3
Std Dev 406.6
2
1
0
−1
−2
−3

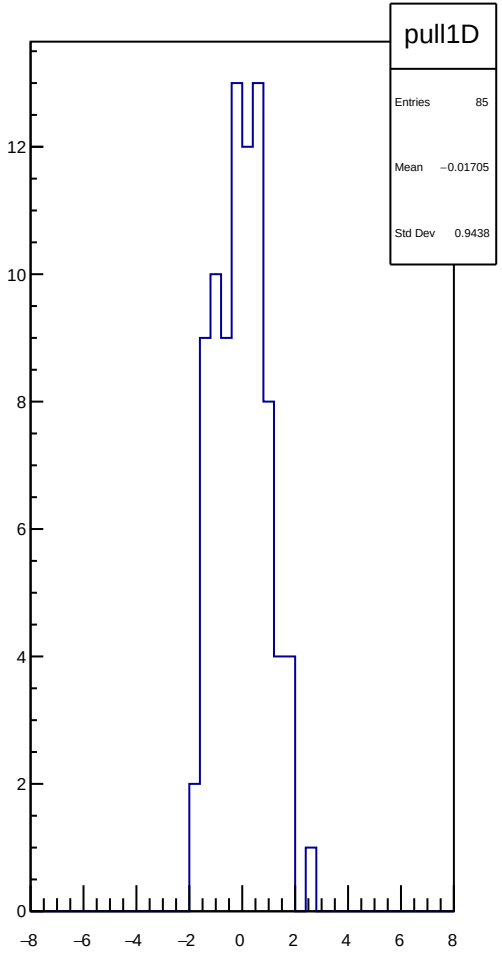

pull1D
Entries 85
Mean −0.006355
Std Dev 0.845
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

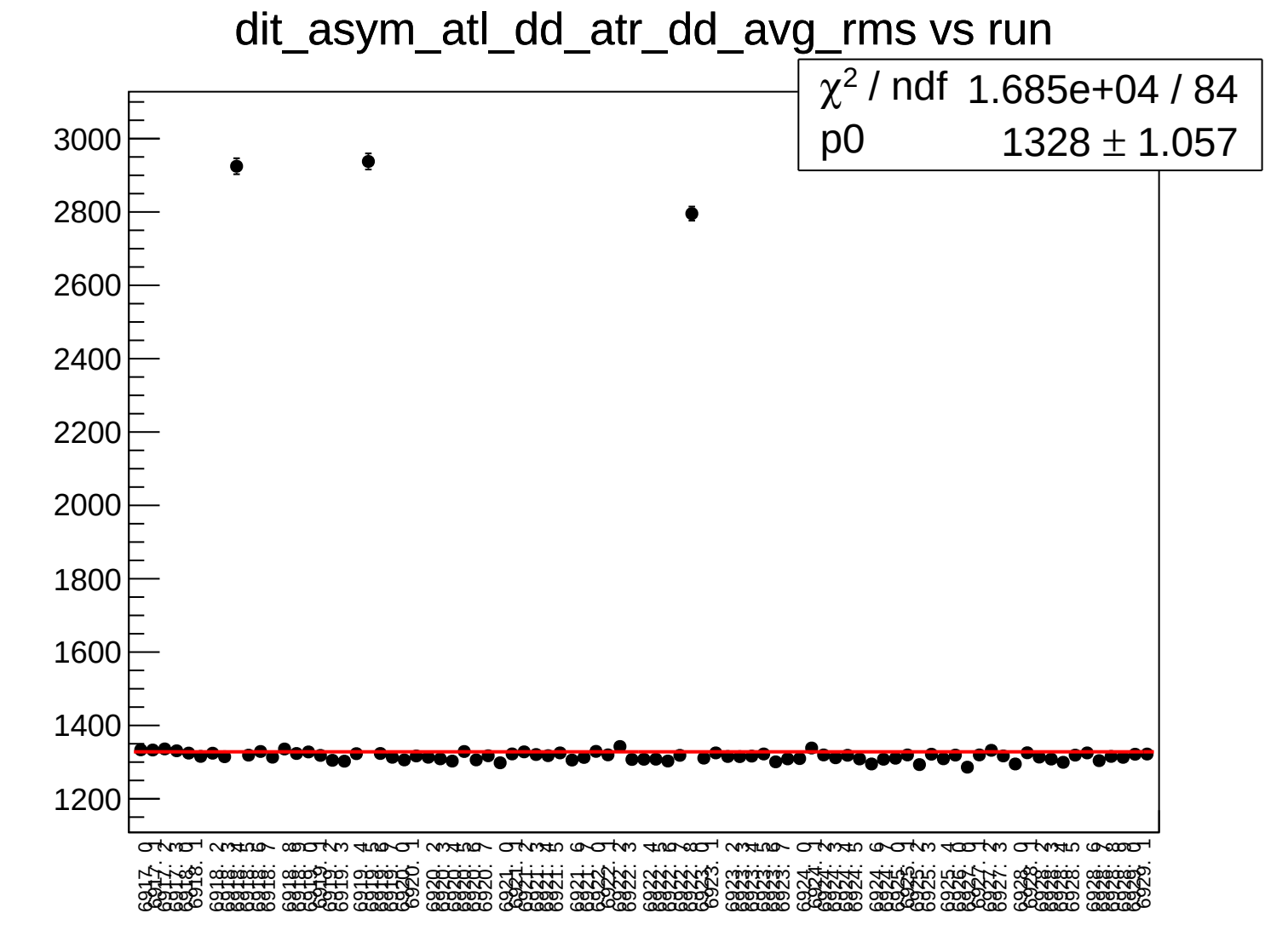

asym_atl_avg_atr_avg_dd_correction_rms vs run
χ² / ndf 8122 / 84
p0 429.9 ± 0.3413
520
500
480
460
440
420
400
380
360

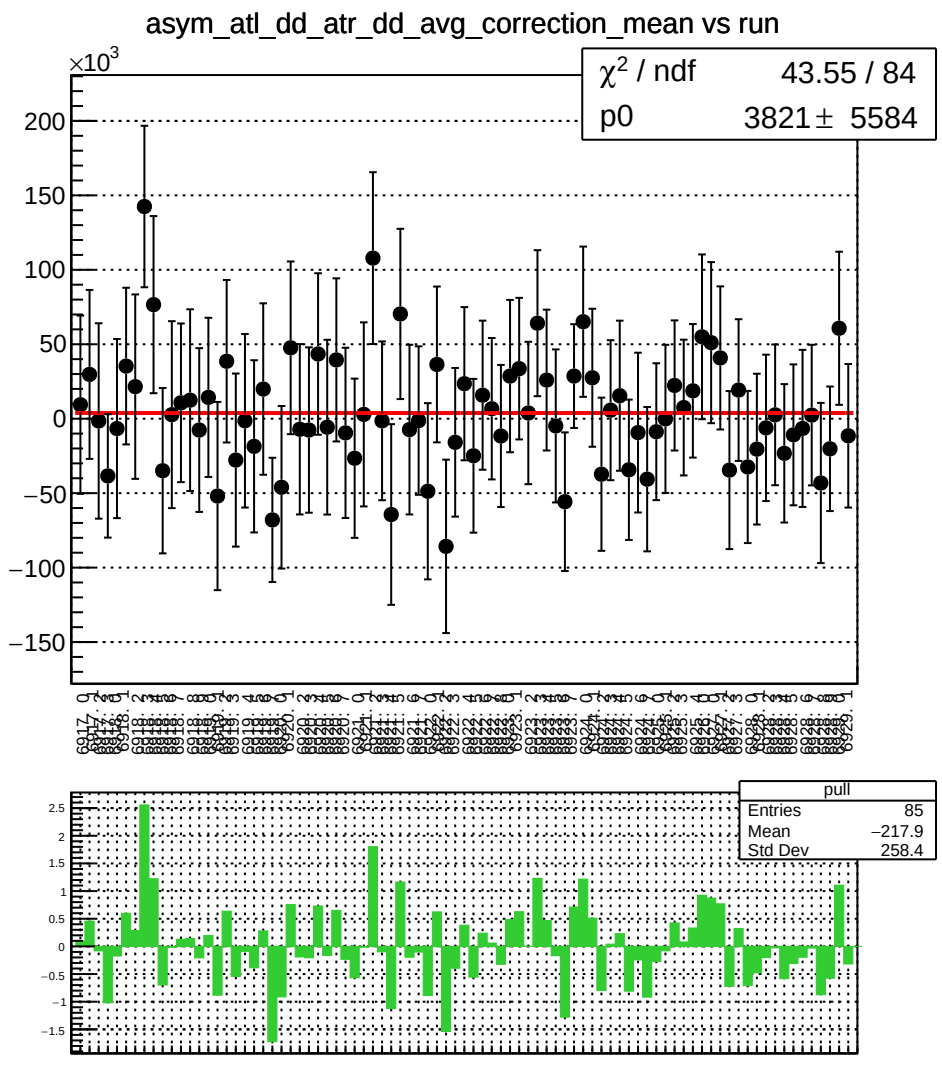

asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 74.22 / 84
p0 −970.9 ± 1542
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean 22.91
Std Dev 59.19
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.01524
Std Dev 0.9343
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

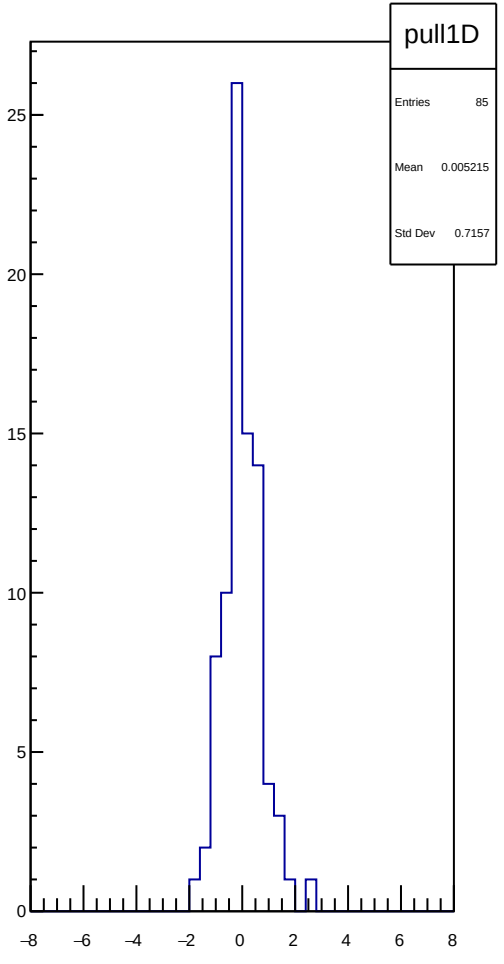

asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 1.637e+04 / 84
p0 1370 ± 1.09
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

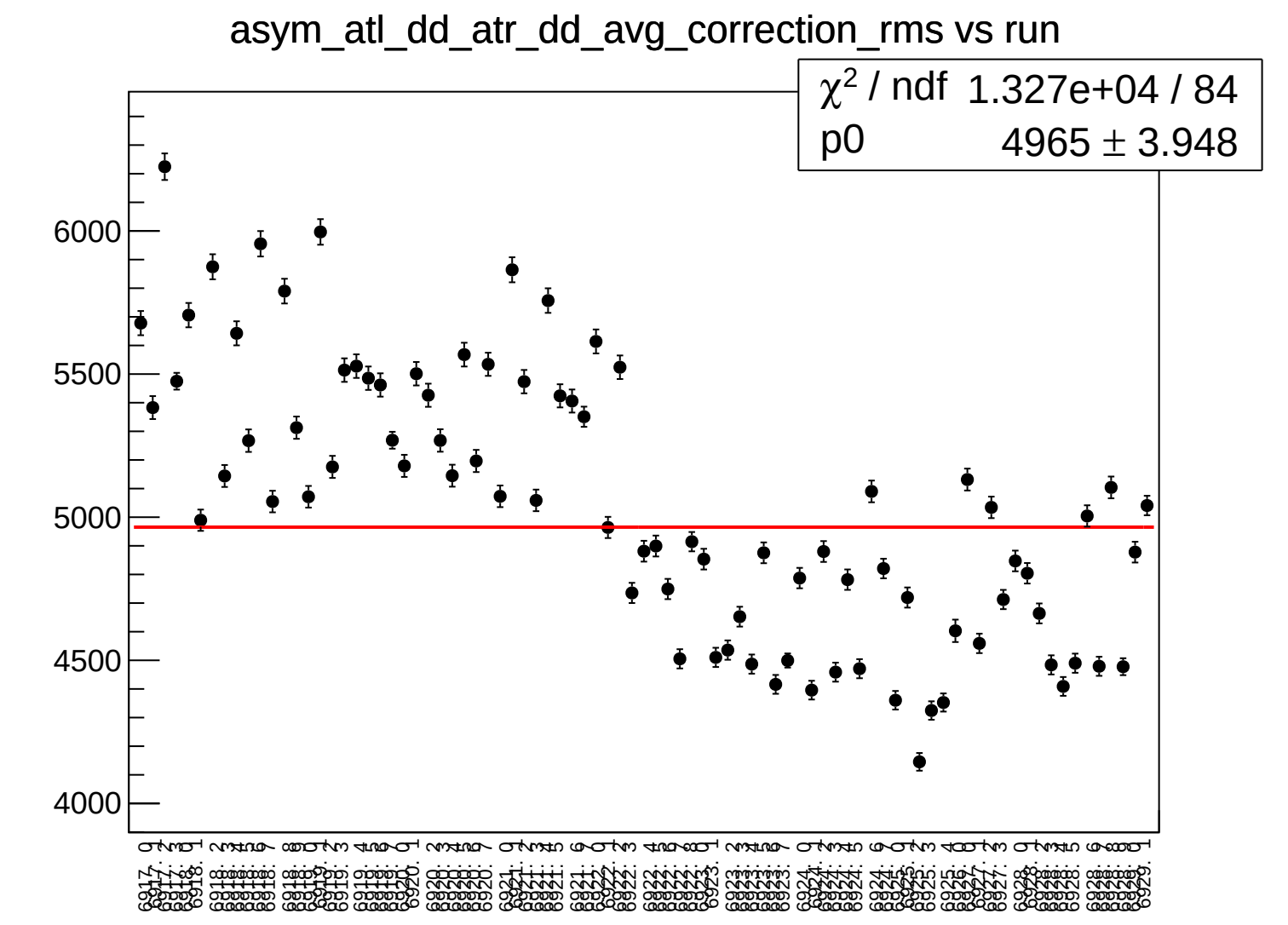

dit_asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 75.75 / 84
p0 3875 ± 1495
pull
Entries 85
Mean 113.8
Std Dev 49.64

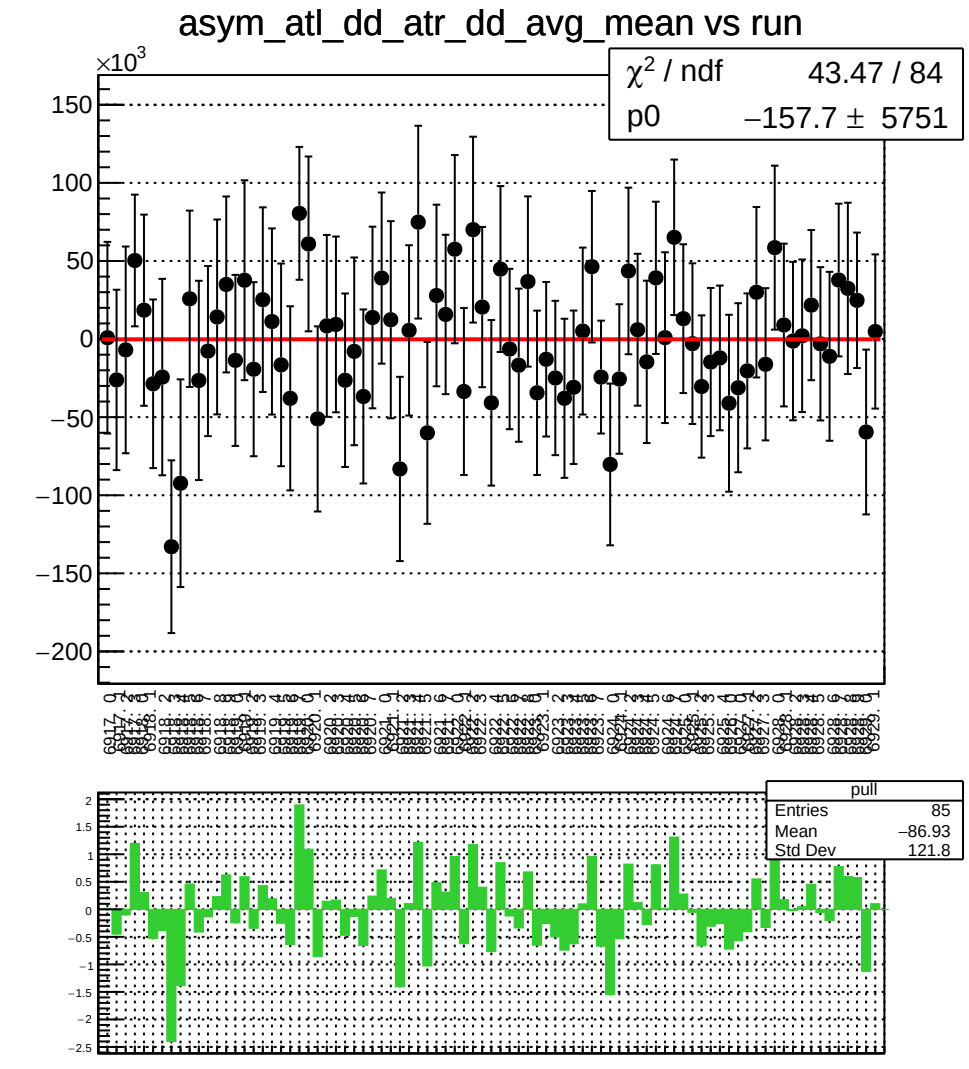

pull1D
Entries 85
Mean −0.01705
Std Dev 0.9438

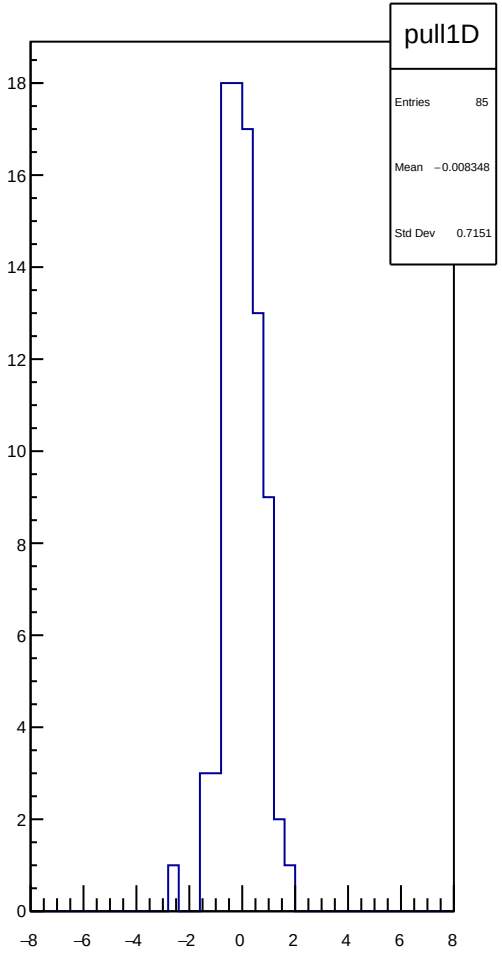

dit_asym_atl_dd_atr_dd_avg_rms vs run
χ² / ndf 1.685e+04 / 84
p0 1328 ± 1.057
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

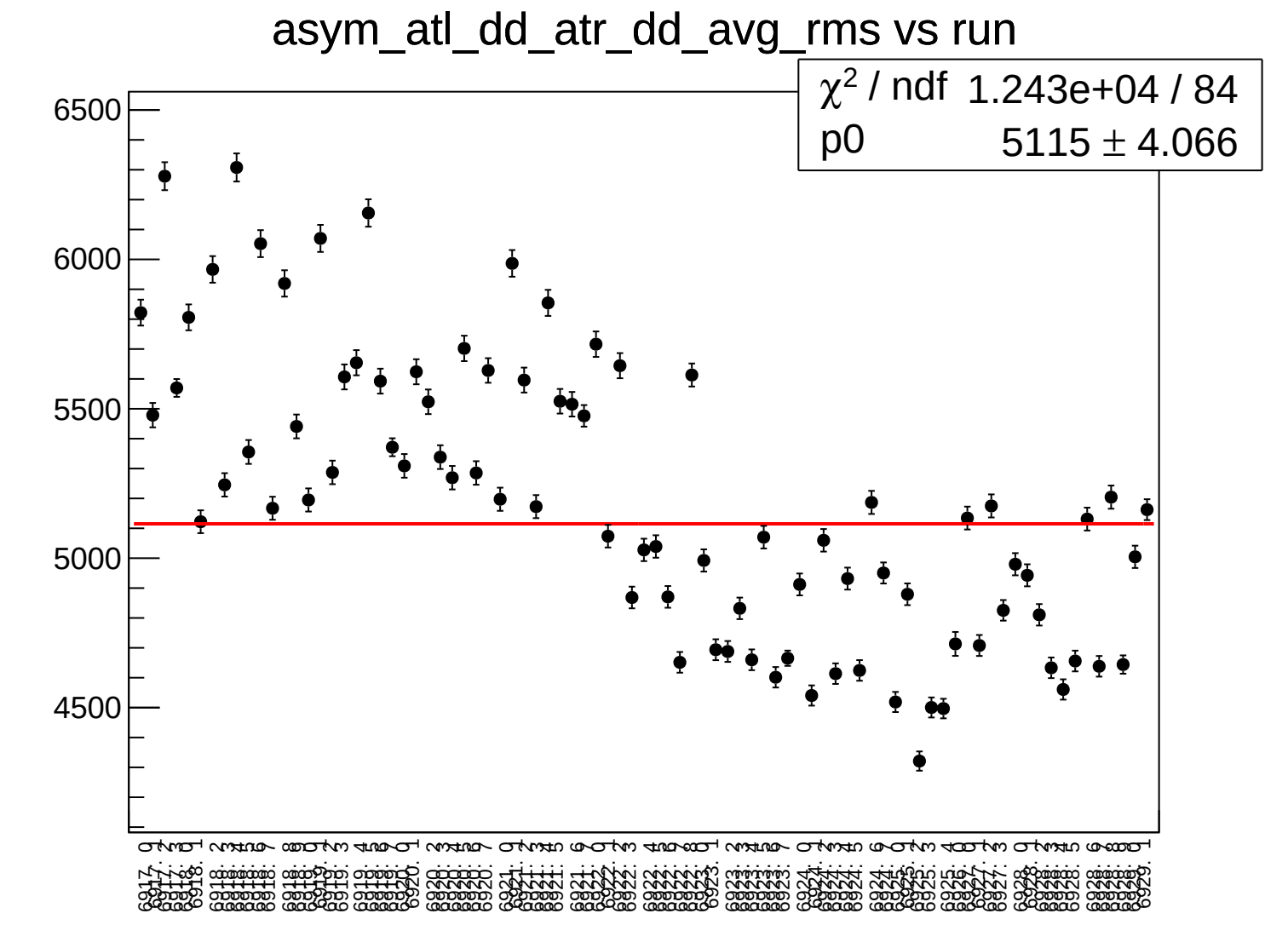

asym_atl_dd_atr_dd_avg_correction_mean vs run
×10^3
χ^2 / ndf 43.55 / 84
p0 3821 ± 5584
pull
Entries 85
Mean −217.9
Std Dev 258.4

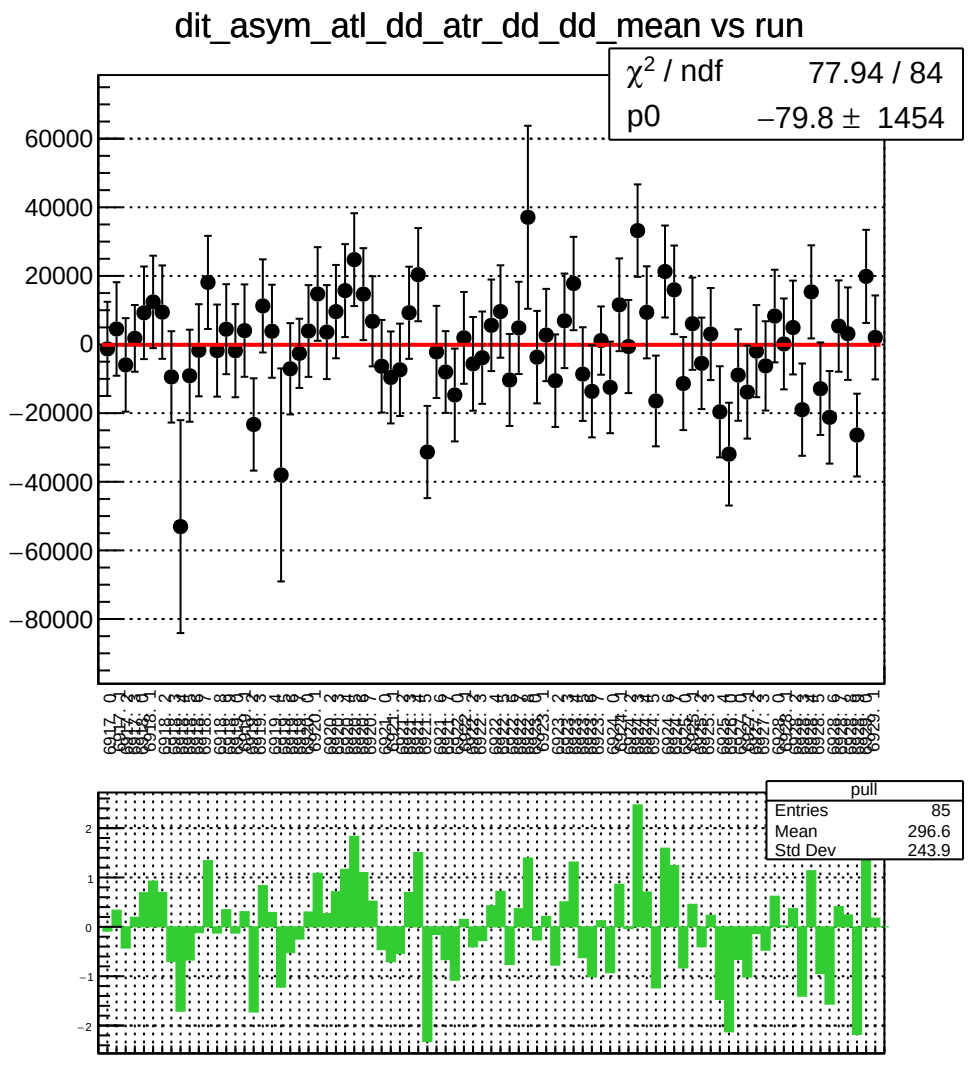

pull1D
Entries 85
Mean 0.005215
Std Dev 0.7157

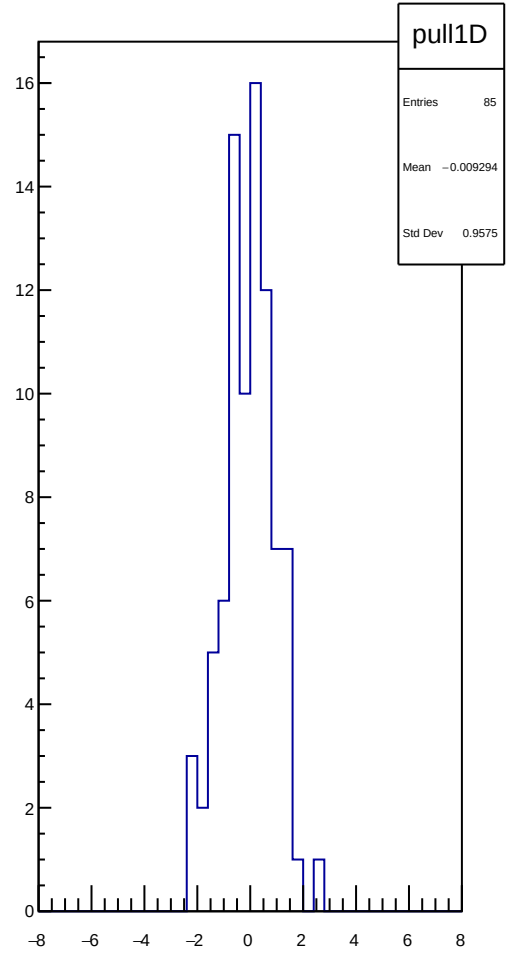

asym_atl_dd_atr_dd_avg_correction_rms vs run
χ² / ndf 1.327e+04 / 84
p0 4965 ± 3.948
6000
5500
5000
4500
4000

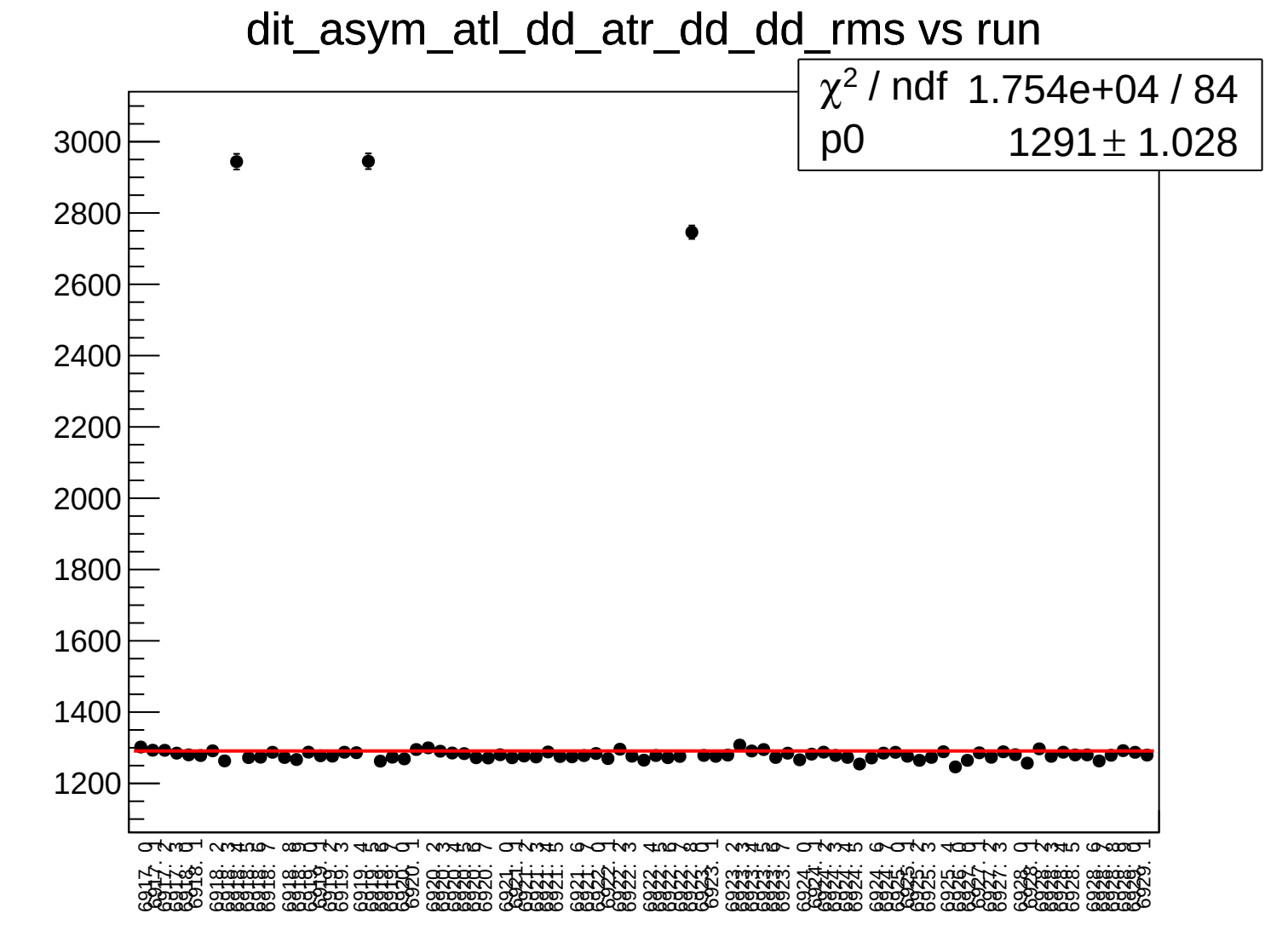

asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 43.47 / 84
p0 −157.7 ± 5751
×10³
pull
Entries 85
Mean −86.93
Std Dev 121.8

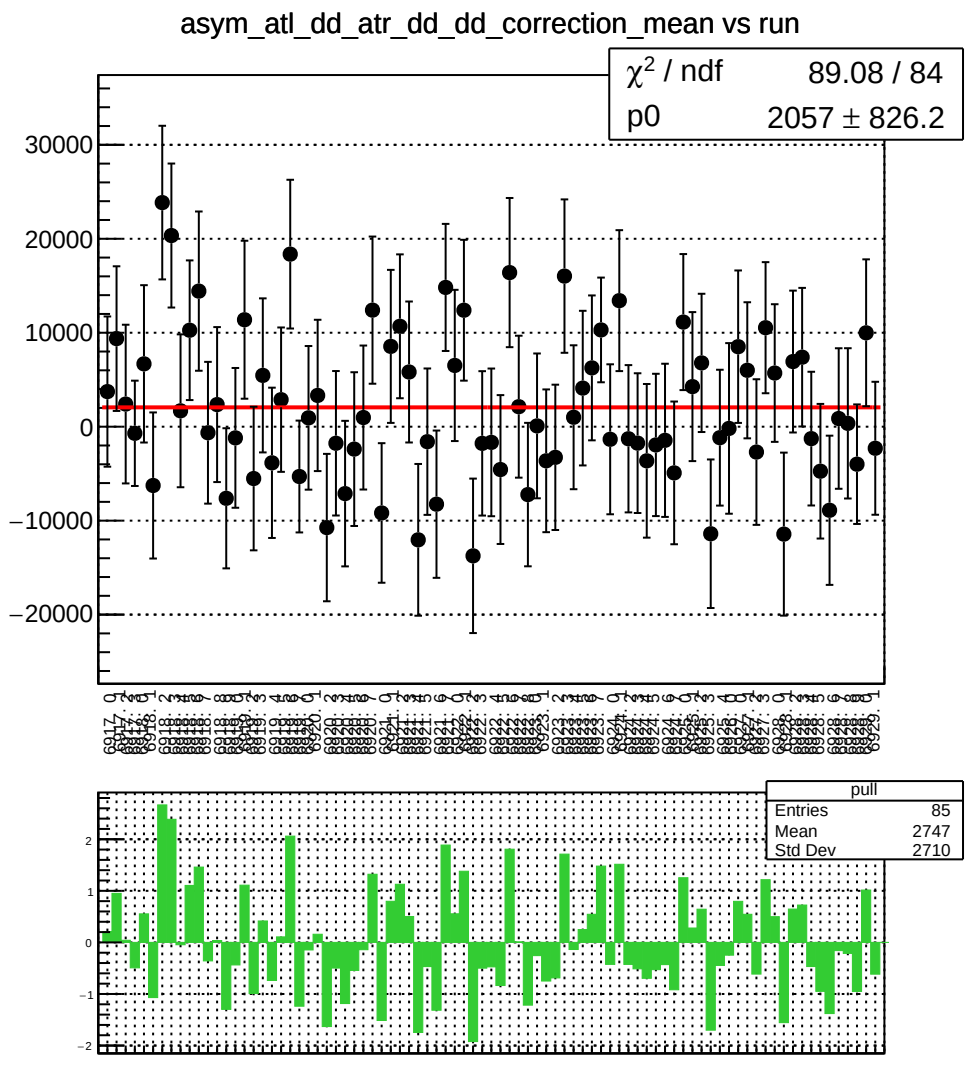

pull1D
Entries 85
Mean −0.008348
Std Dev 0.7151

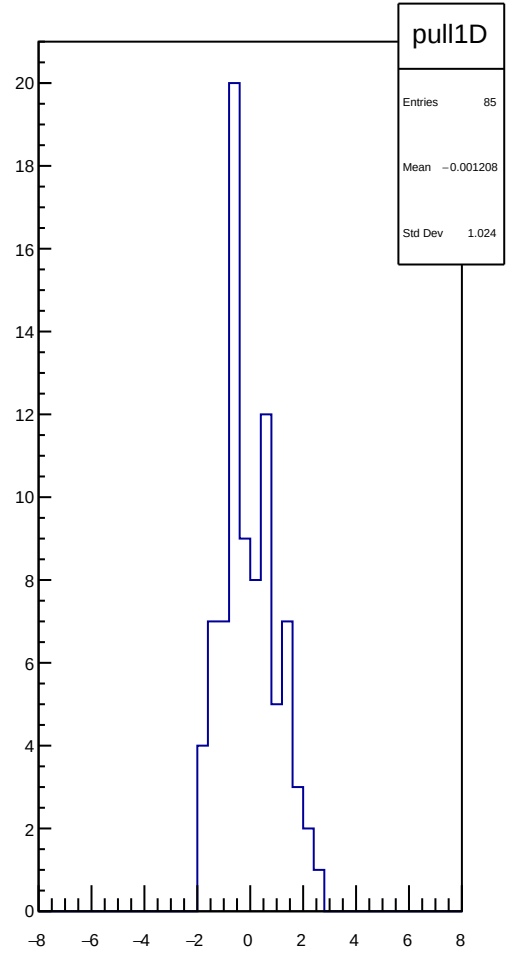

asym_atl_dd_atr_dd_avg_rms vs run
χ² / ndf 1.243e+04 / 84
p0 5115 ± 4.066
6500
6000
5500
5000
4500

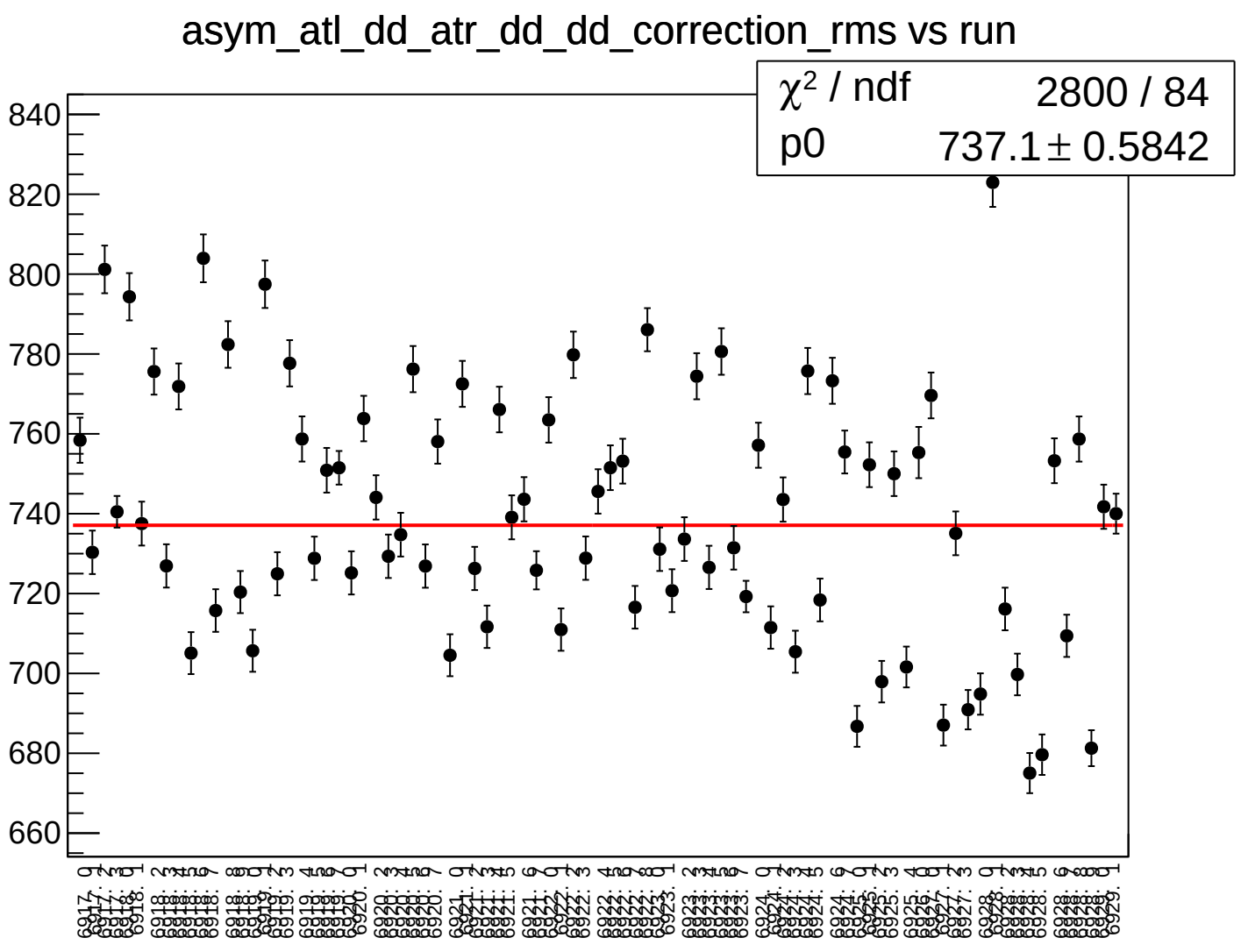

dit_asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 77.94 / 84
p0 −79.8 ± 1454
pull
Entries 85
Mean 296.6
Std Dev 243.9

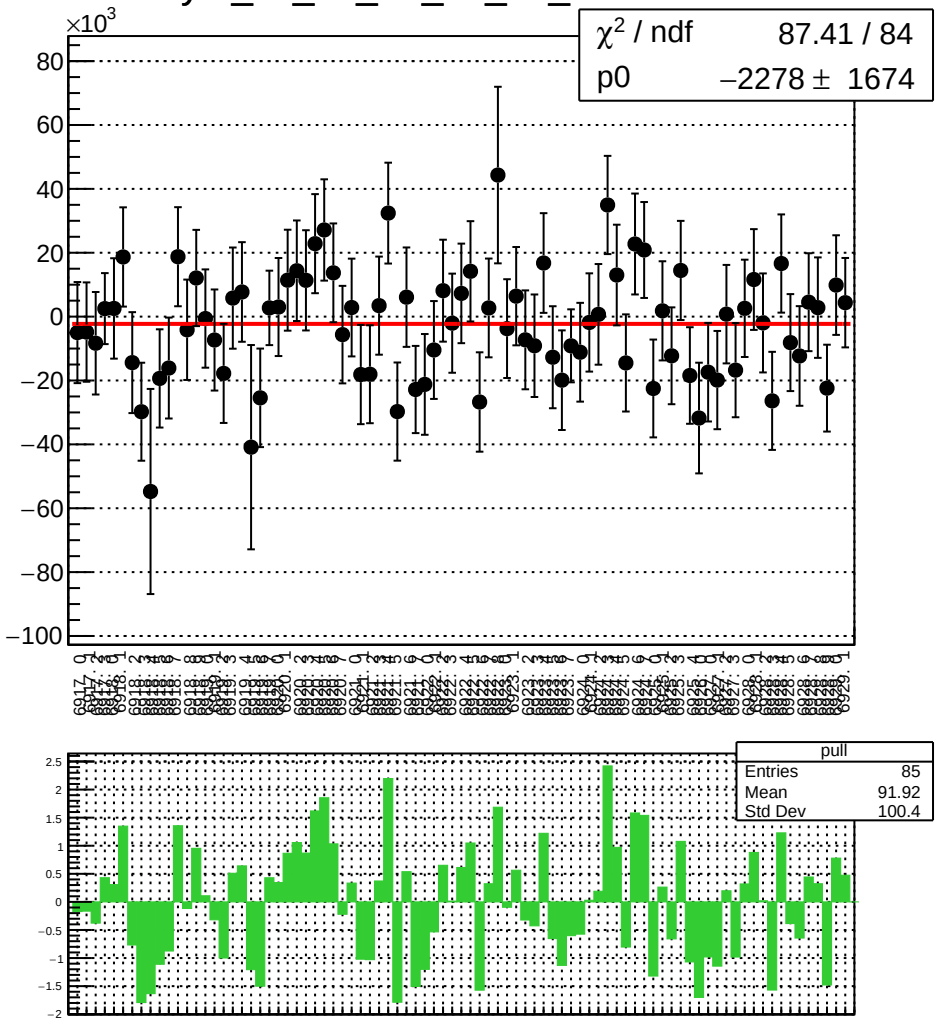

pull1D
Entries 85
Mean −0.009294
Std Dev 0.9575

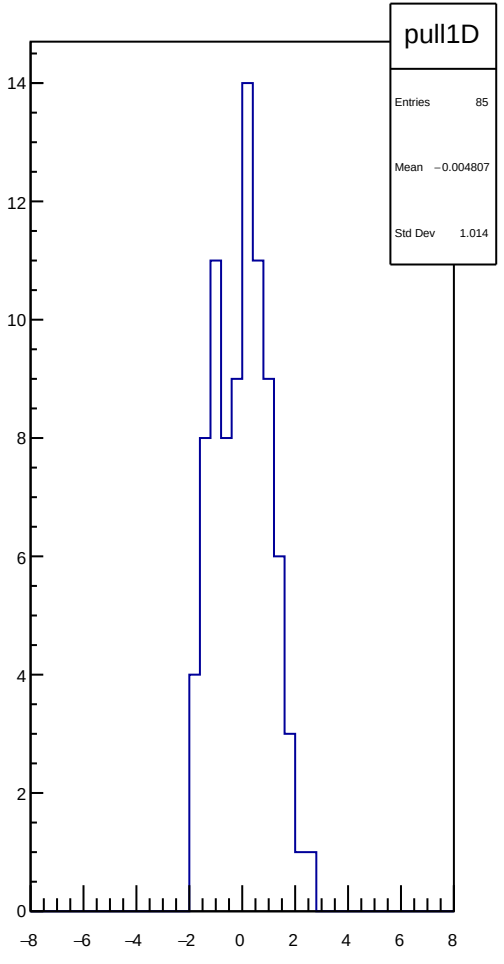

dit_asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 1.754e+04 / 84
p0 1291 ± 1.028
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

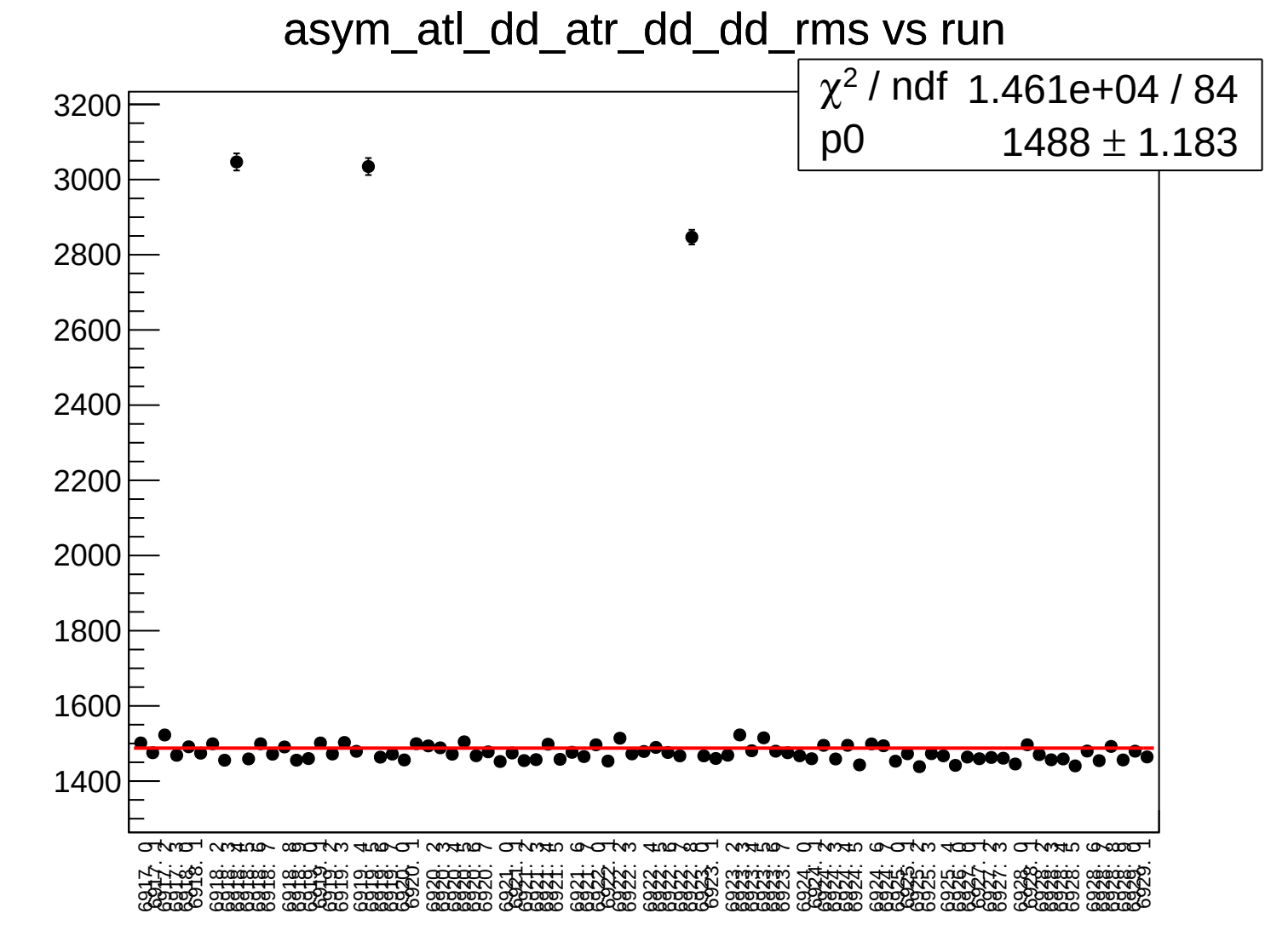

asym_atl_dd_atr_dd_dd_correction_mean vs run
χ² / ndf 89.08 / 84
p0 2057 ± 826.2
30000
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 2747
Std Dev 2710
2
1
0
−1
−2

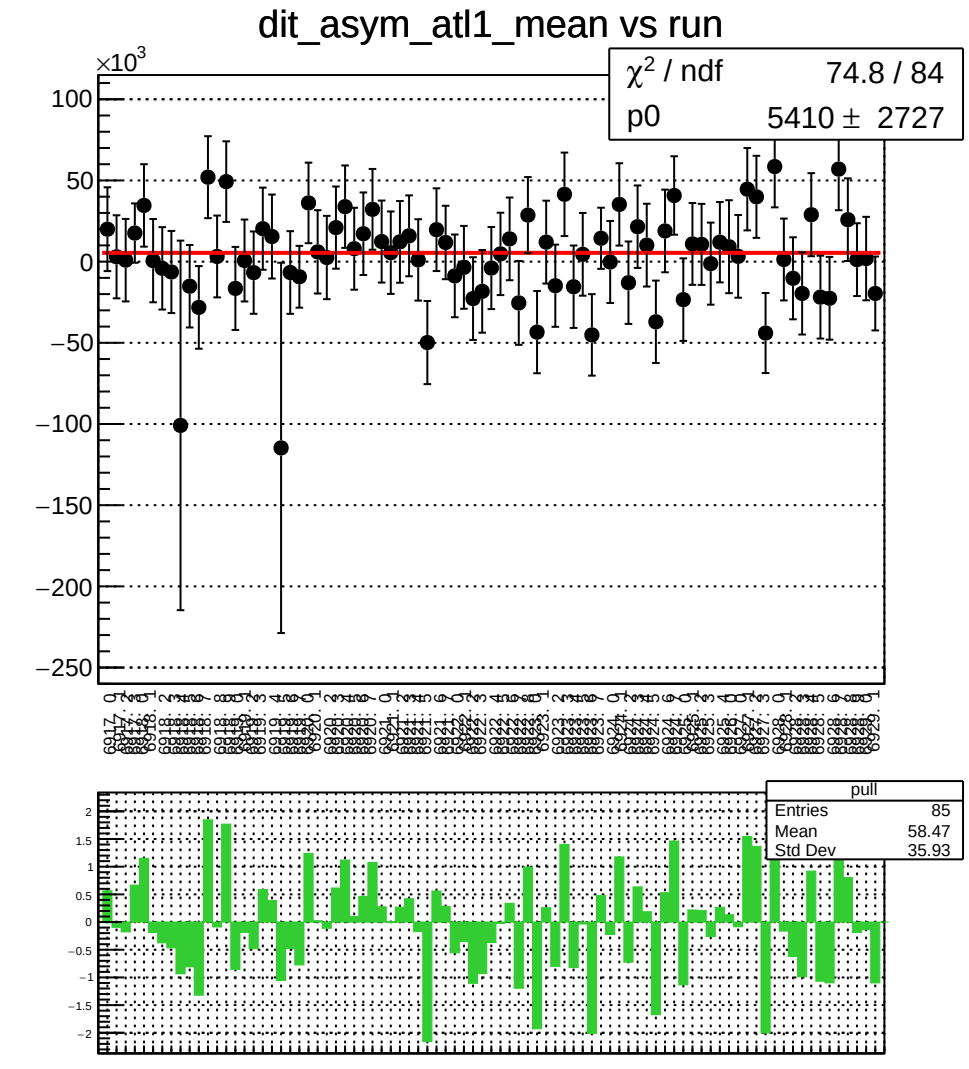

pull1D
Entries 85
Mean −0.001208
Std Dev 1.024
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

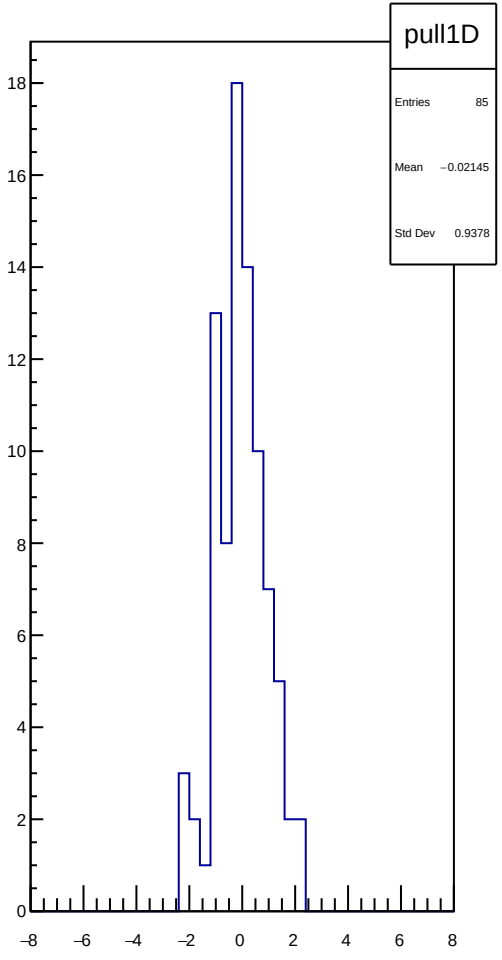

asym_atl_dd_atr_dd_dd_correction_rms vs run
χ² / ndf 2800 / 84
p0 737.1 ± 0.5842
840
820
800
780
760
740
720
700
680
660

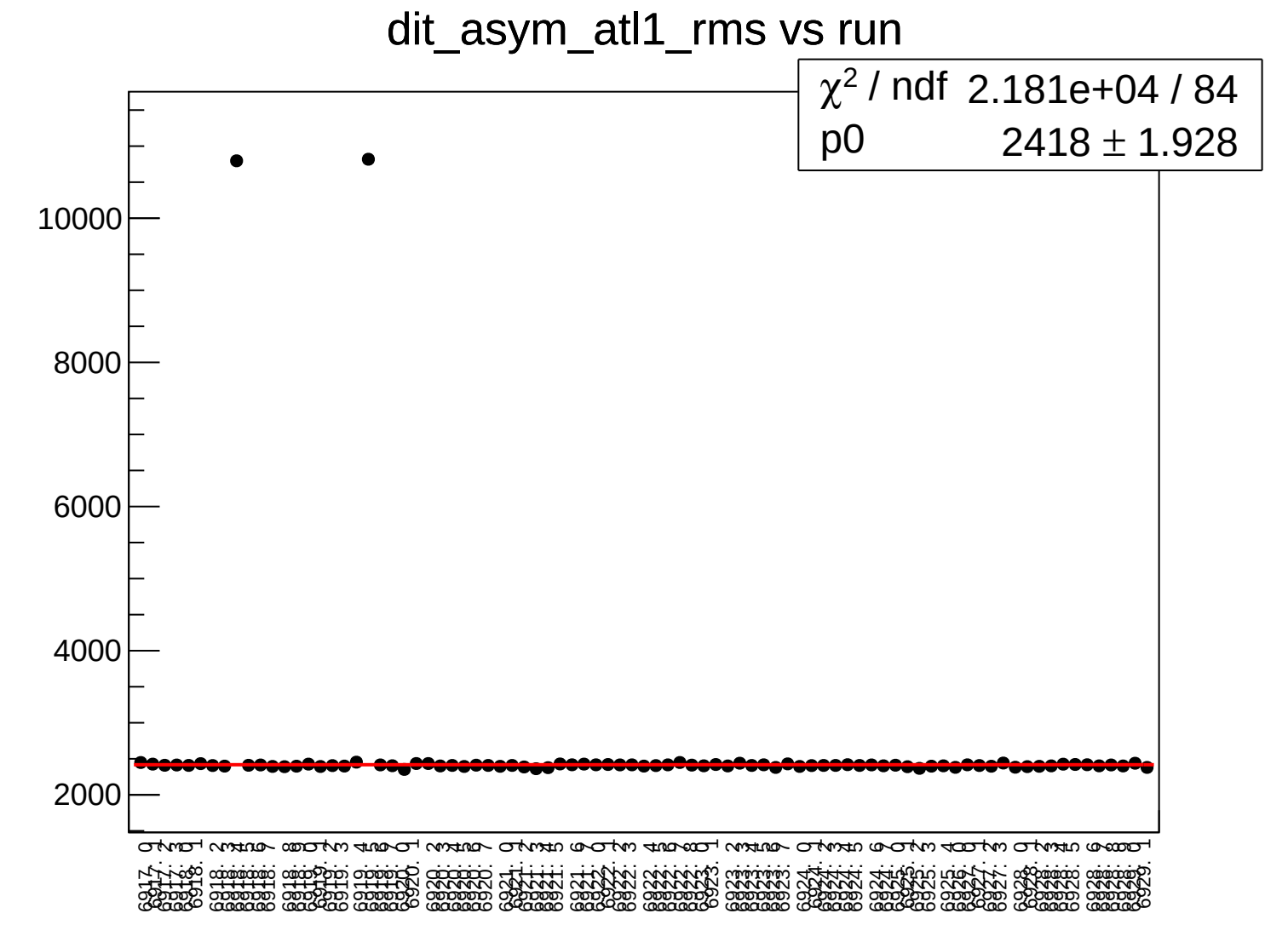

asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 87.41 / 84
p0 −2278 ± 1674
pull
Entries 85
Mean 91.92
Std Dev 100.4

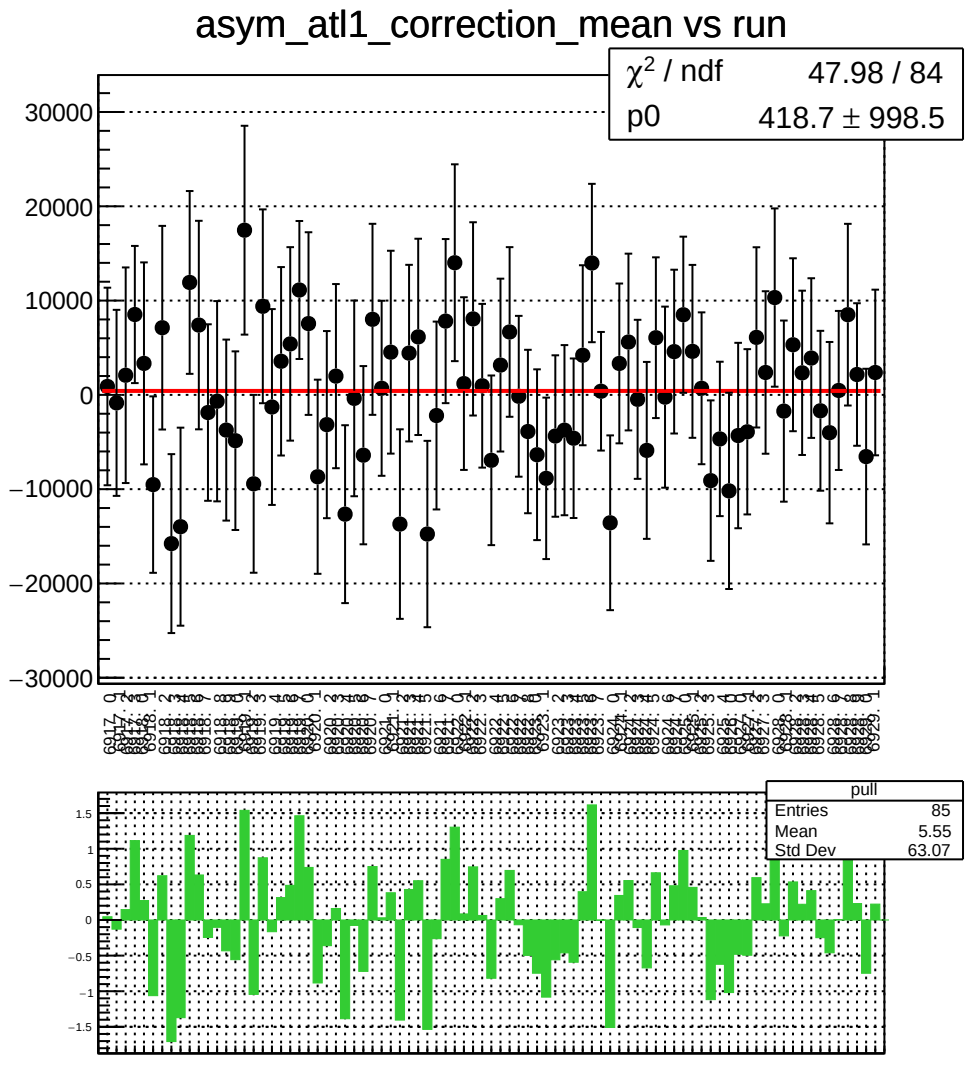

pull1D
Entries 85
Mean −0.004807
Std Dev 1.014

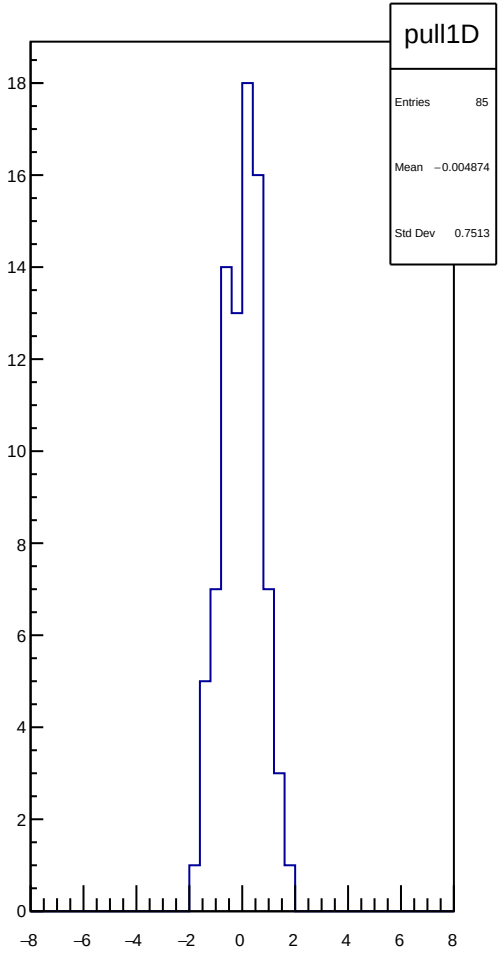

asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 1.461e+04 / 84
p0 1488 ± 1.183
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400

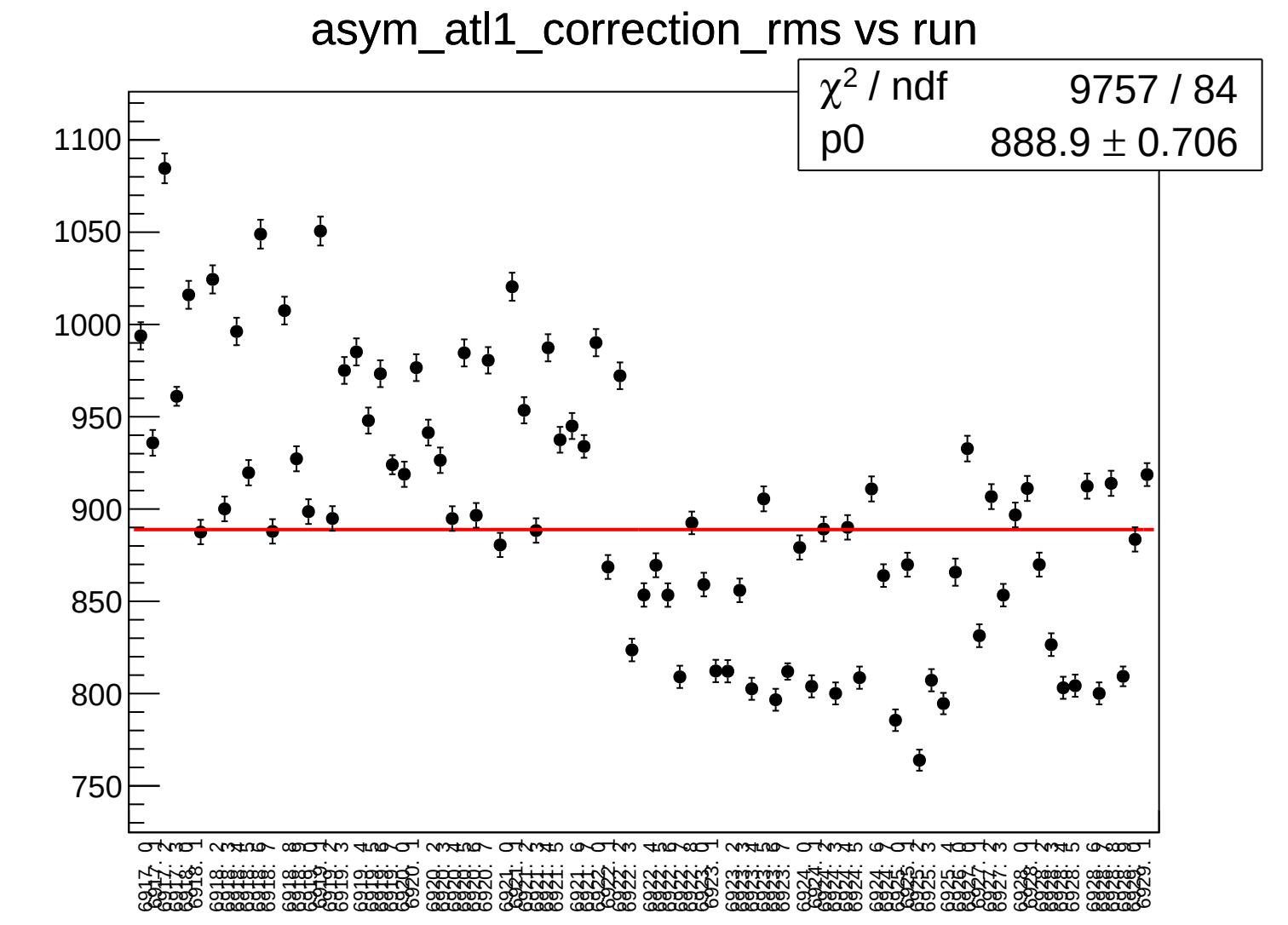

dit_asym_atl1_mean vs run
χ^2 / ndf 74.8 / 84
p0 5410 ± 2727
×10^3
pull
Entries 85
Mean 58.47
Std Dev 35.93

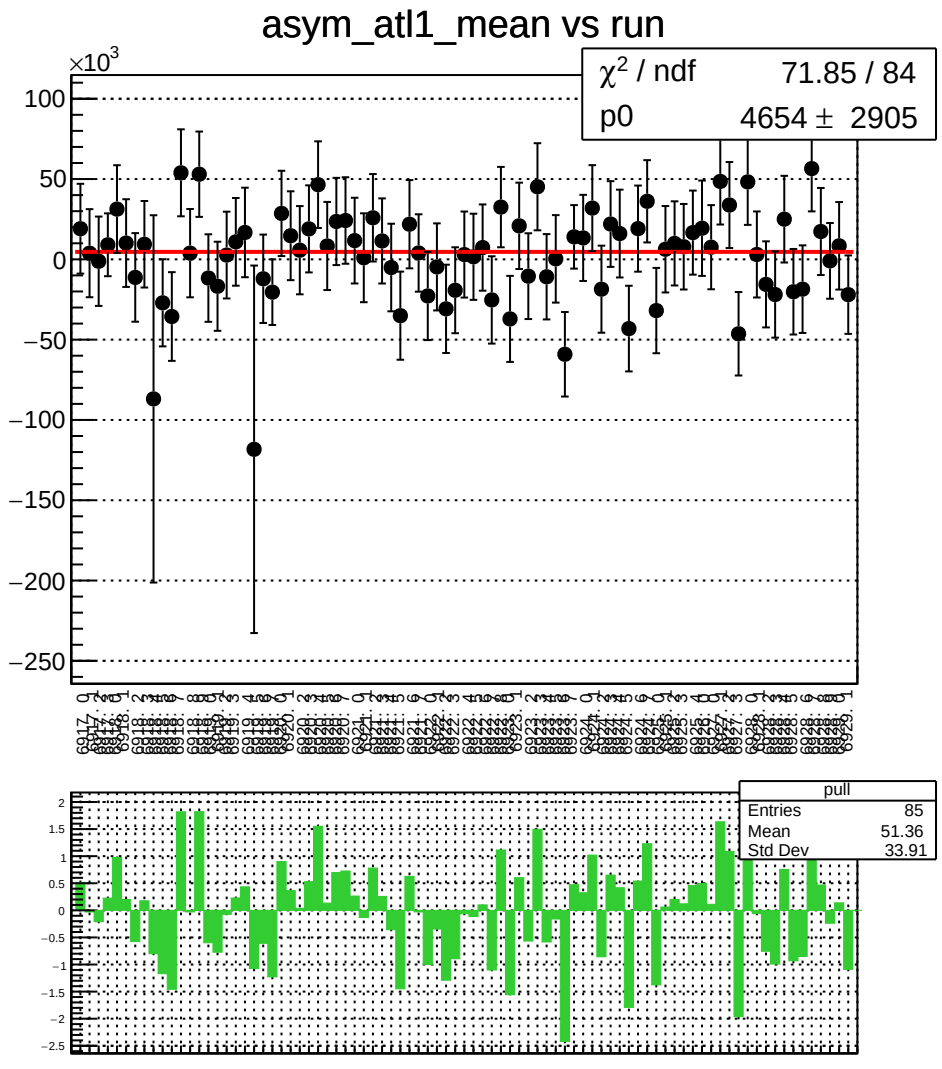

pull1D
Entries 85
Mean −0.02145
Std Dev 0.9378

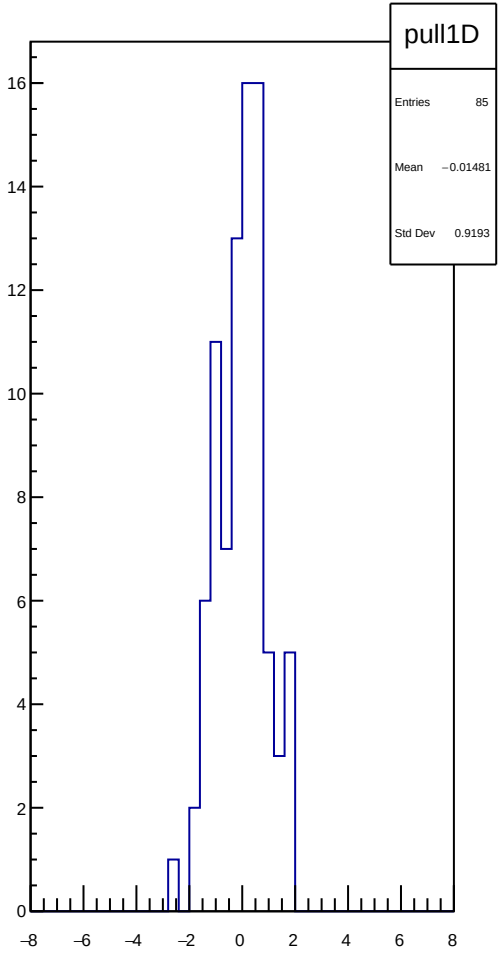

dit_asym_atl1_rms vs run
χ^2 / ndf 2.181e+04 / 84
p0 2418 ± 1.928
10000
8000
6000
4000
2000

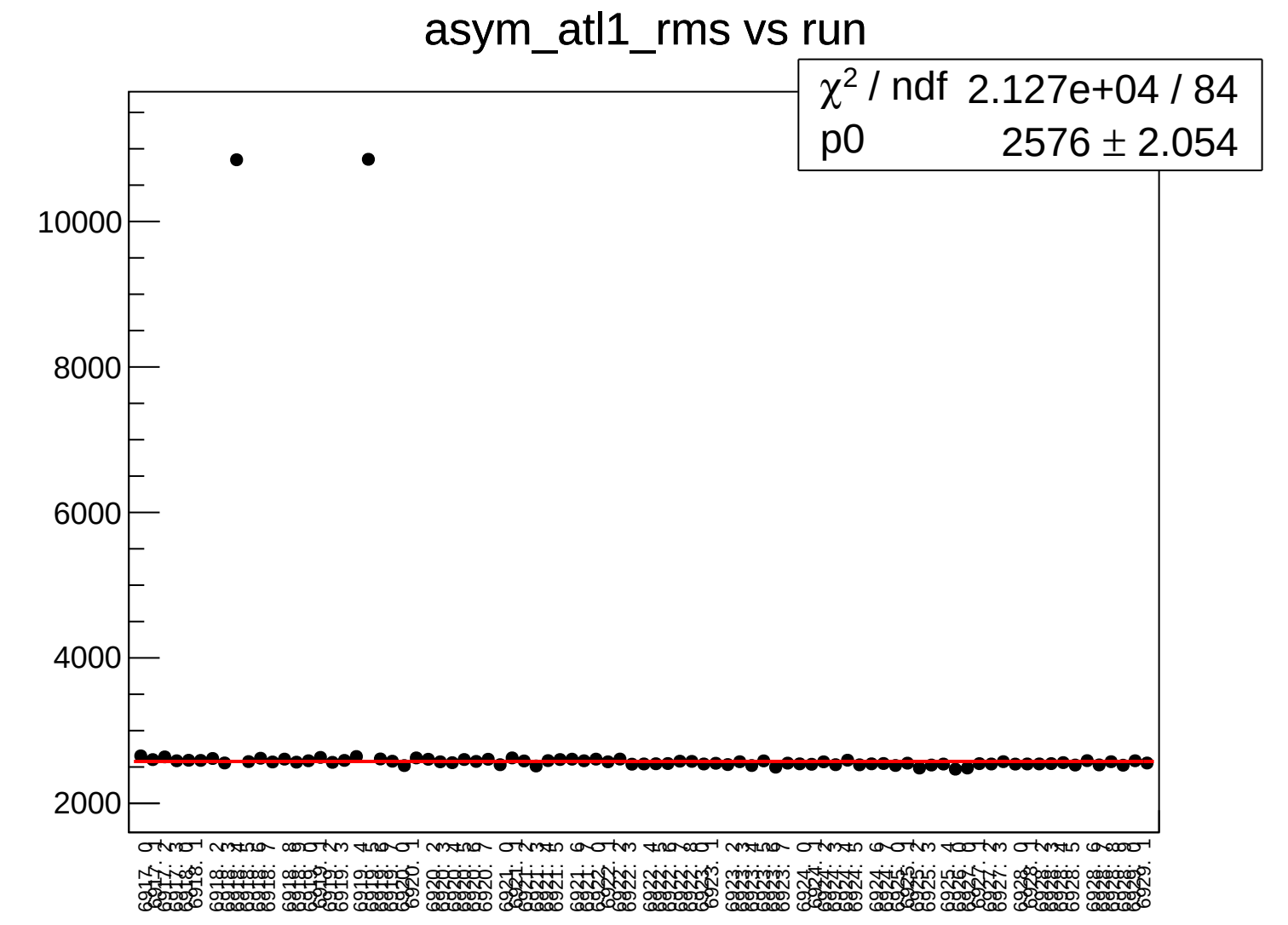

asym_atl1_correction_mean vs run
χ² / ndf 47.98 / 84
p0 418.7 ± 998.5
pull
Entries 85
Mean 5.55
Std Dev 63.07

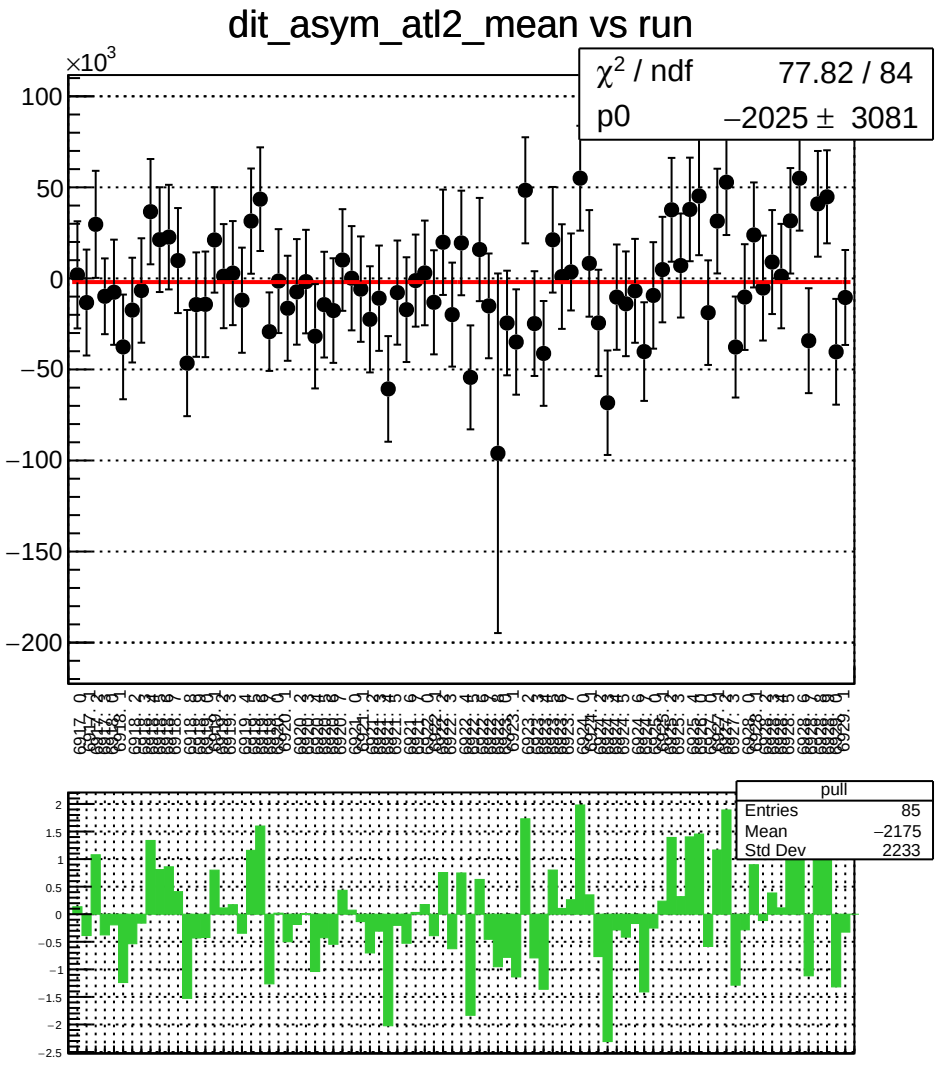

pull1D
Entries 85
Mean −0.004874
Std Dev 0.7513

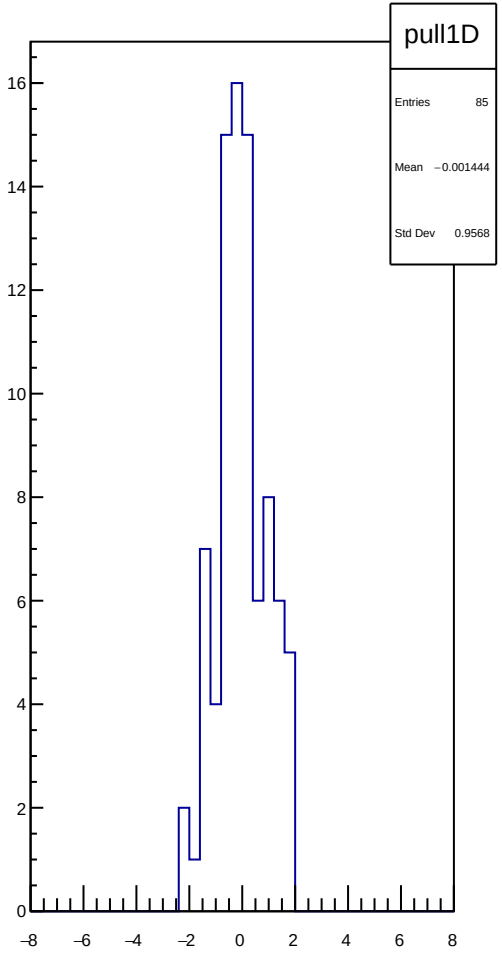

asym_atl1_correction_rms vs run
χ² / ndf 9757 / 84
p0 888.9 ± 0.706
1100
1050
1000
950
900
850
800
750

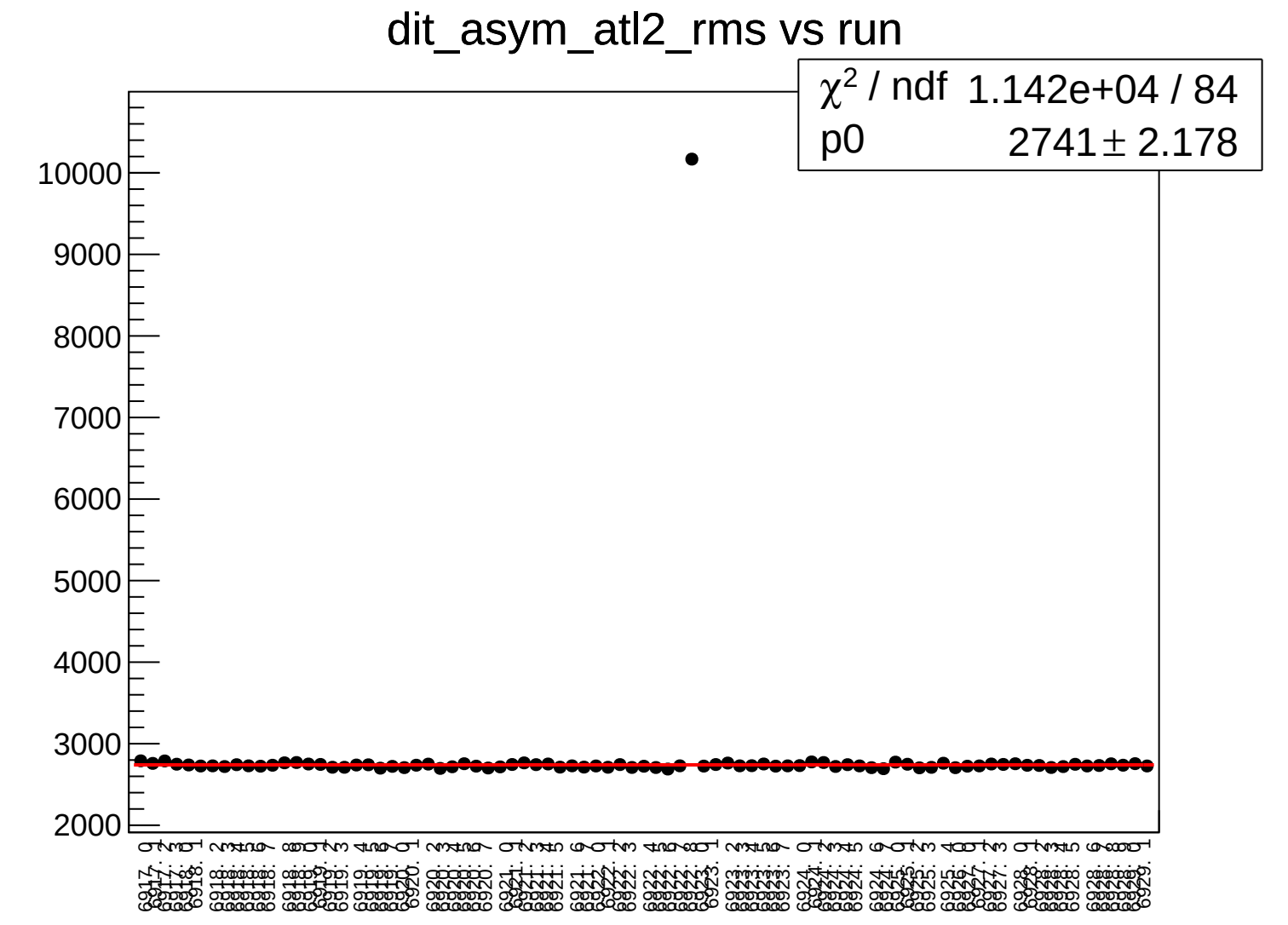

asym_atl1_mean vs run
×10^3
χ^2 / ndf 71.85 / 84
p0 4654 ± 2905
pull
Entries 85
Mean 51.36
Std Dev 33.91

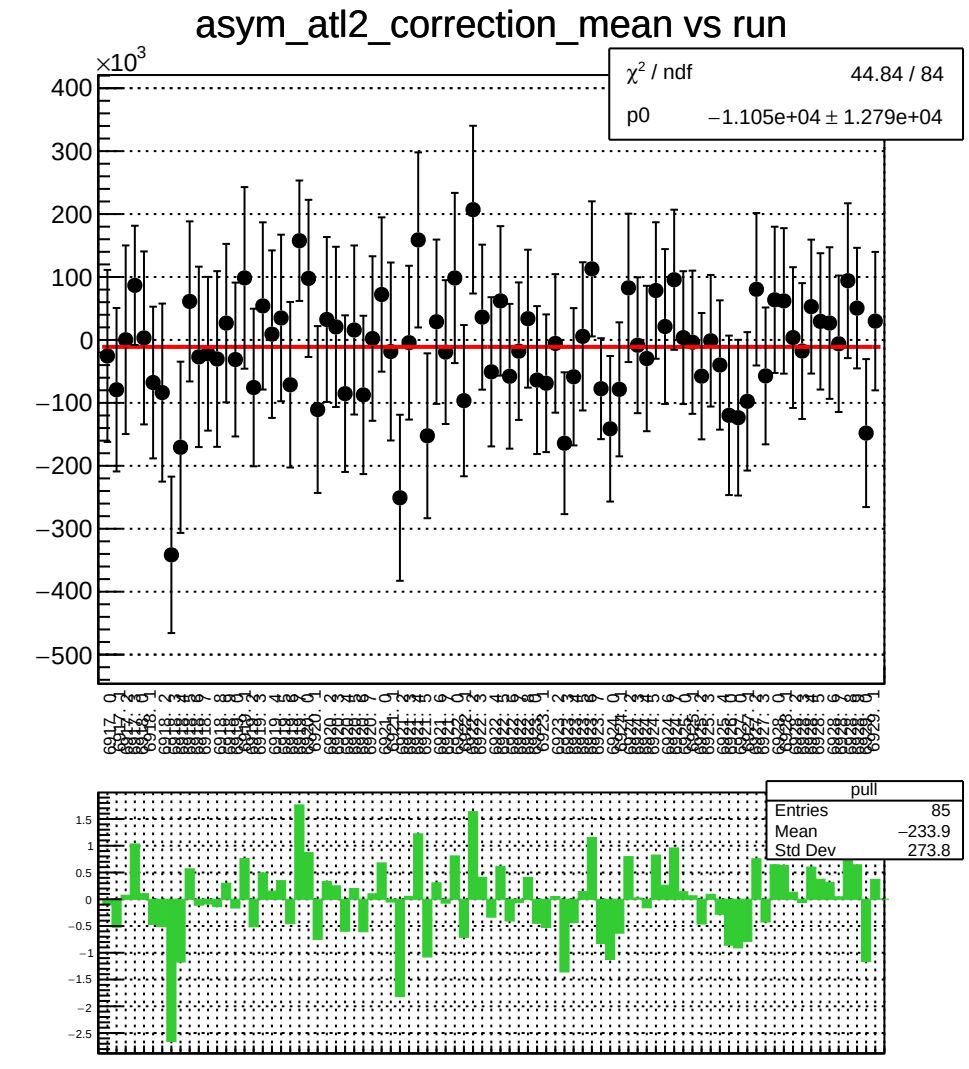

pull1D
Entries 85
Mean −0.01481
Std Dev 0.9193

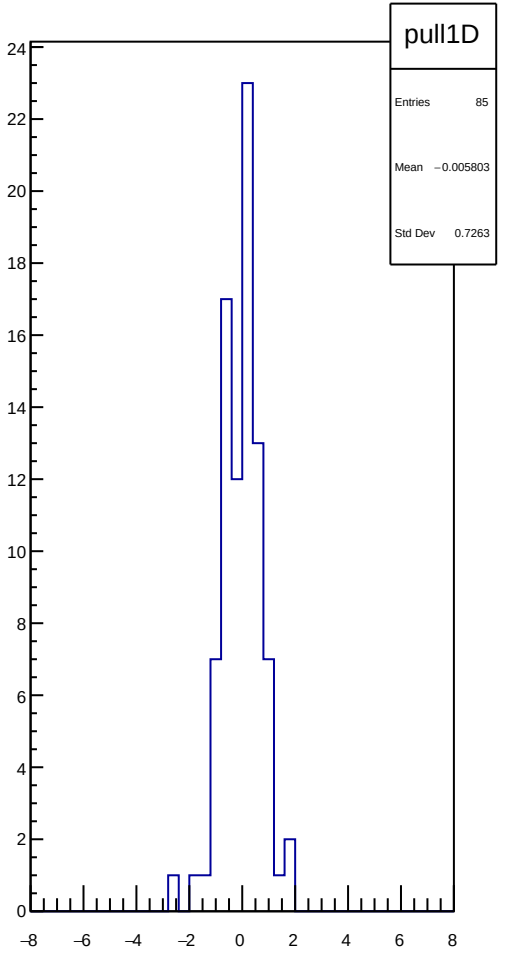

asym_atl1_rms vs run
χ² / ndf 2.127e+04 / 84
p0 2576 ± 2.054
10000
8000
6000
4000
2000

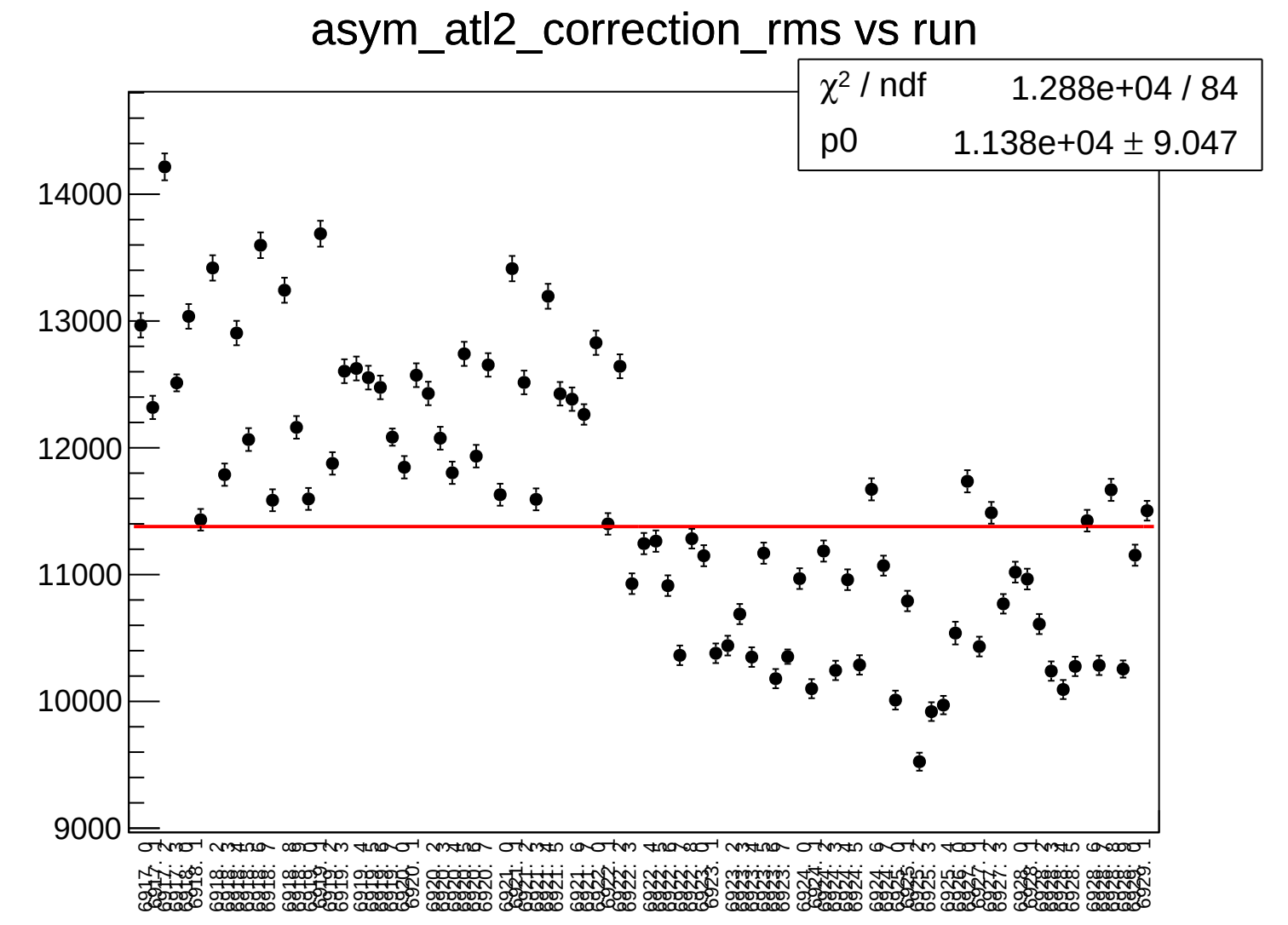

dit_asym_atl2_mean vs run
×10^3
χ^2 / ndf 77.82 / 84
p0 −2025 ± 3081
pull
Entries 85
Mean −2175
Std Dev 2233

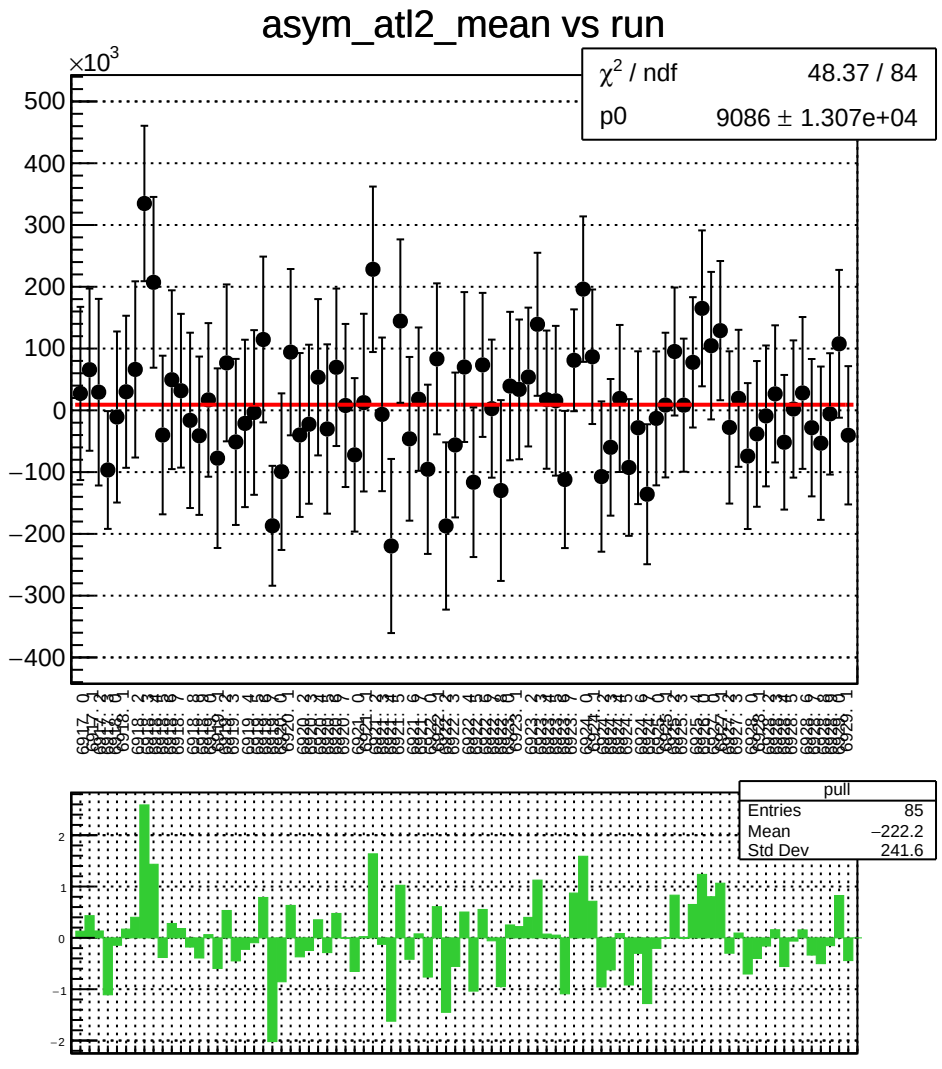

pull1D
Entries 85
Mean −0.001444
Std Dev 0.9568

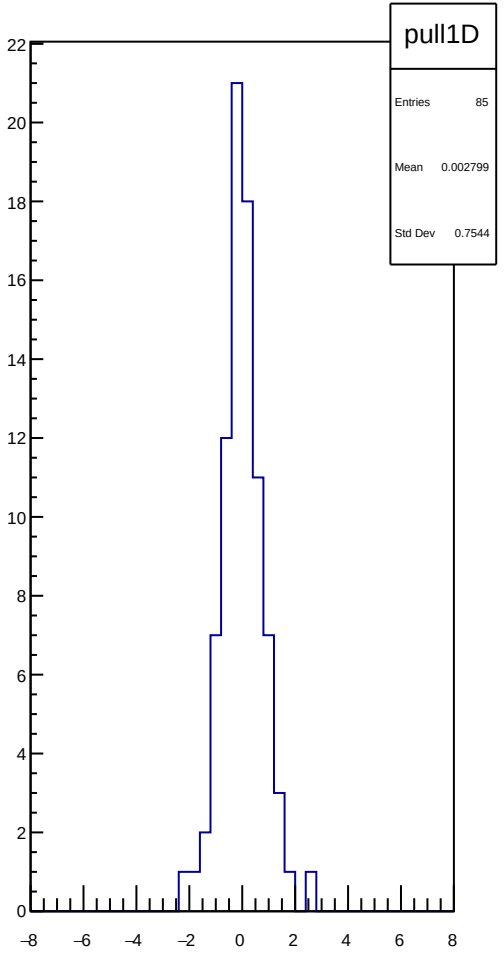

dit_asym_atl2_rms vs run
χ^2 / ndf 1.142e+04 / 84
p0 2741 ± 2.178
10000
9000
8000
7000
6000
5000
4000
3000
2000

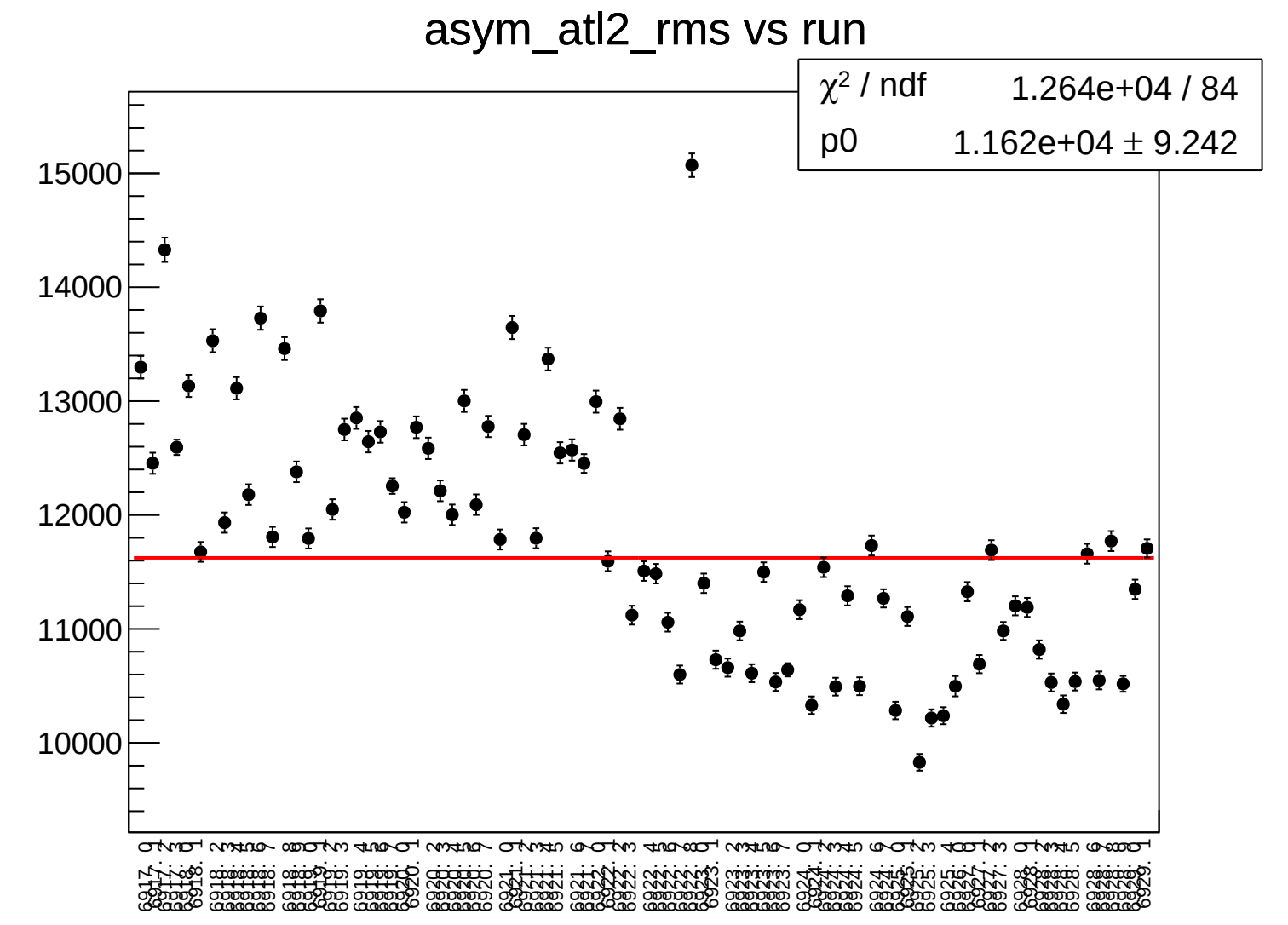

asym_atl2_correction_mean vs run
×10^3
χ² / ndf 44.84 / 84
p0 −1.105e+04 ± 1.279e+04
pull
Entries 85
Mean −233.9
Std Dev 273.8

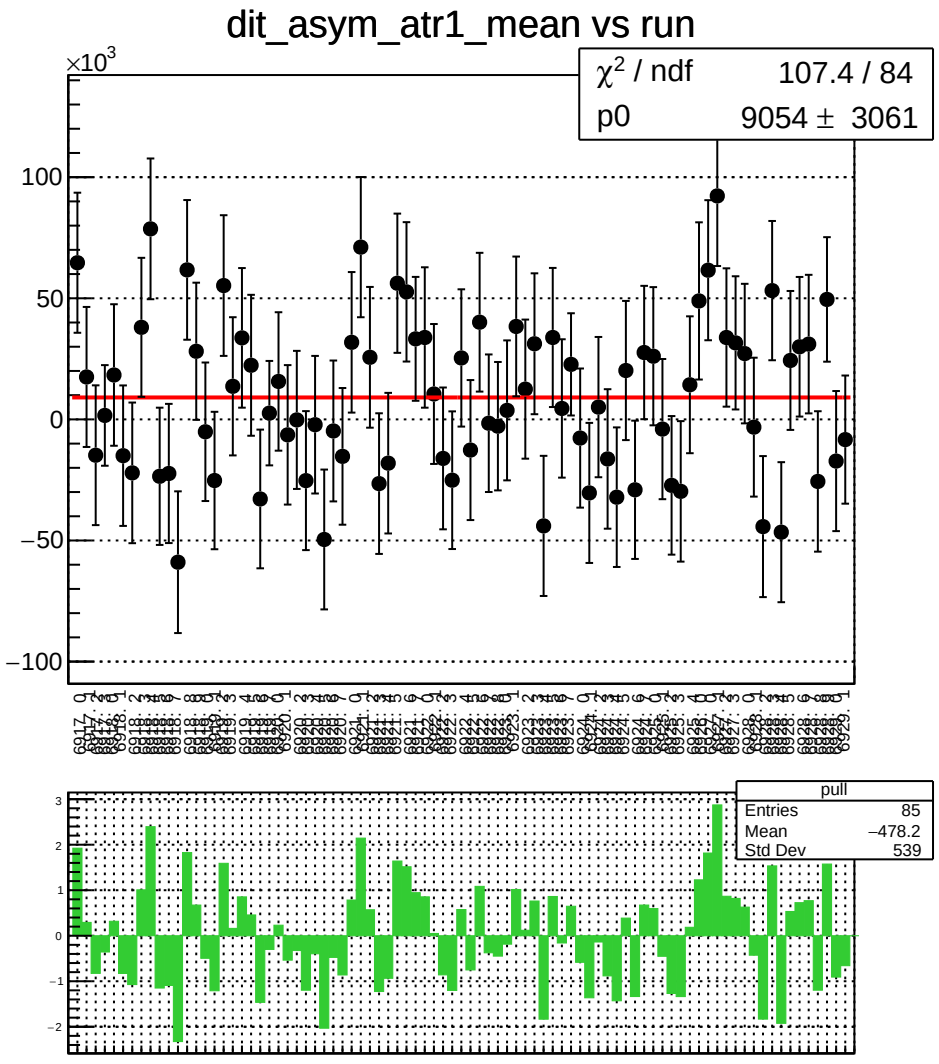

pull1D
Entries 85
Mean −0.005803
Std Dev 0.7263

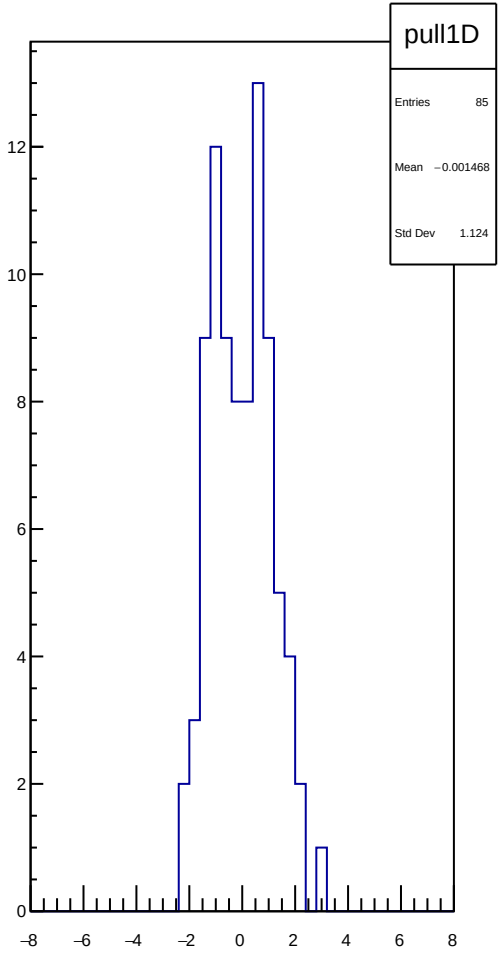

asym_atl2_correction_rms vs run
χ² / ndf 1.288e+04 / 84
p0 1.138e+04 ± 9.047
14000
13000
12000
11000
10000
9000

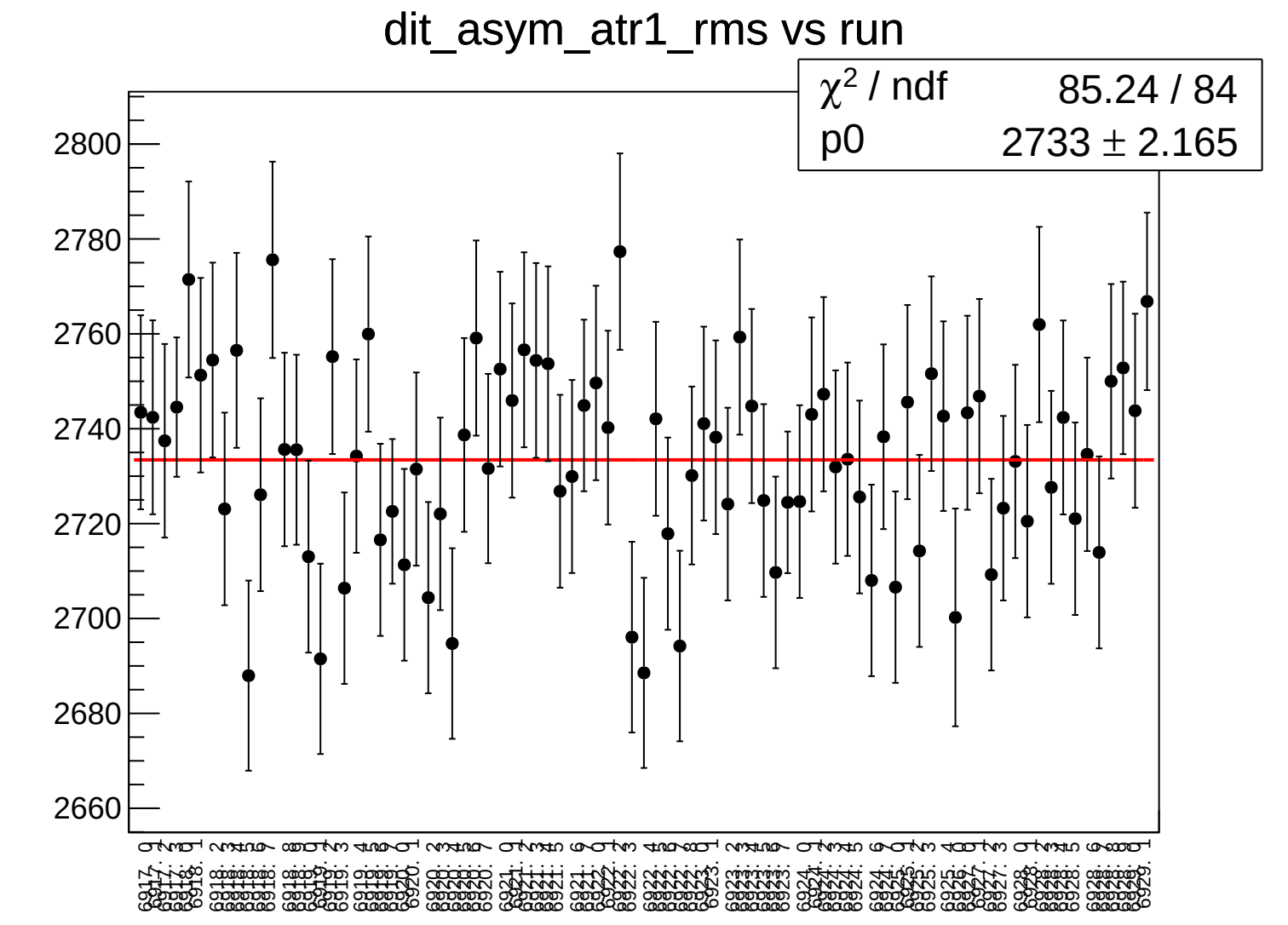

asym_atl2_mean vs run
×10^3
χ² / ndf 48.37 / 84
p0 9086 ± 1.307e+04
pull
Entries 85
Mean −222.2
Std Dev 241.6

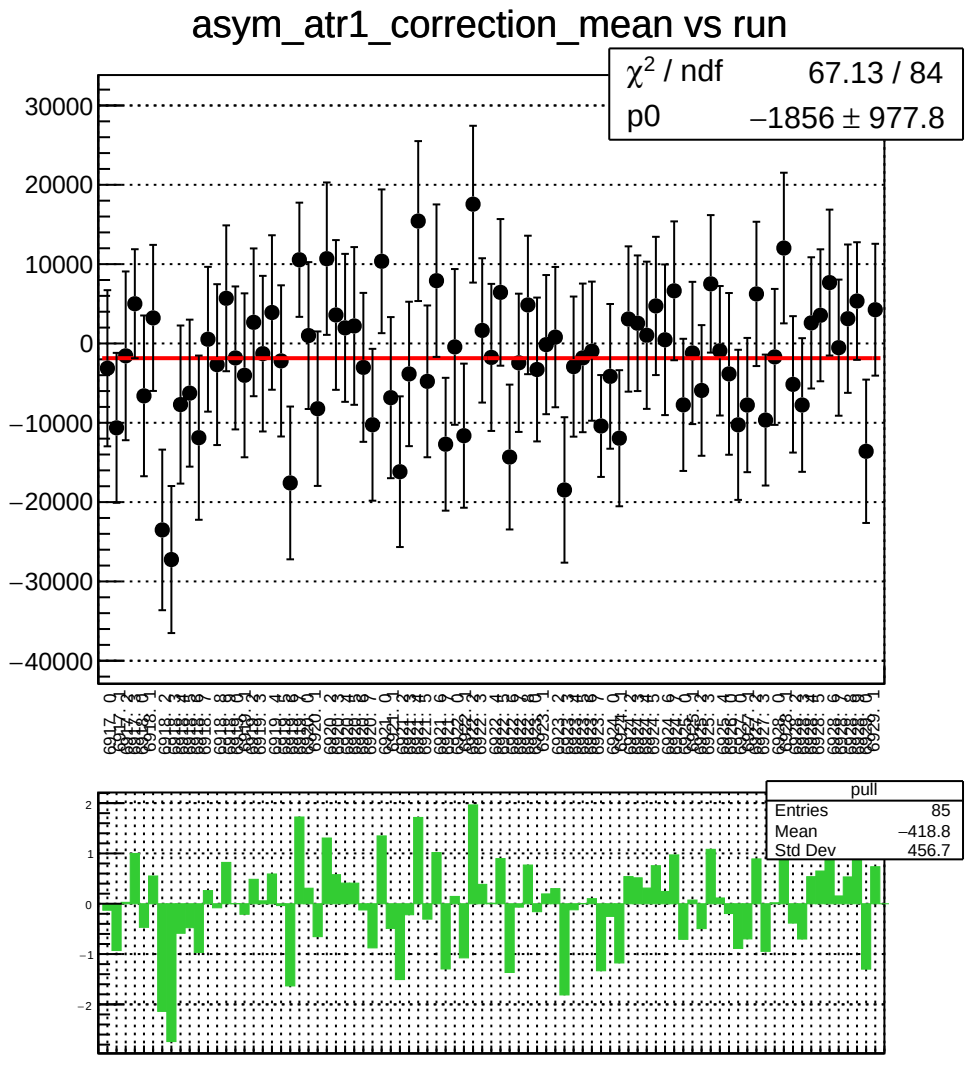

pull1D
Entries 85
Mean 0.002799
Std Dev 0.7544

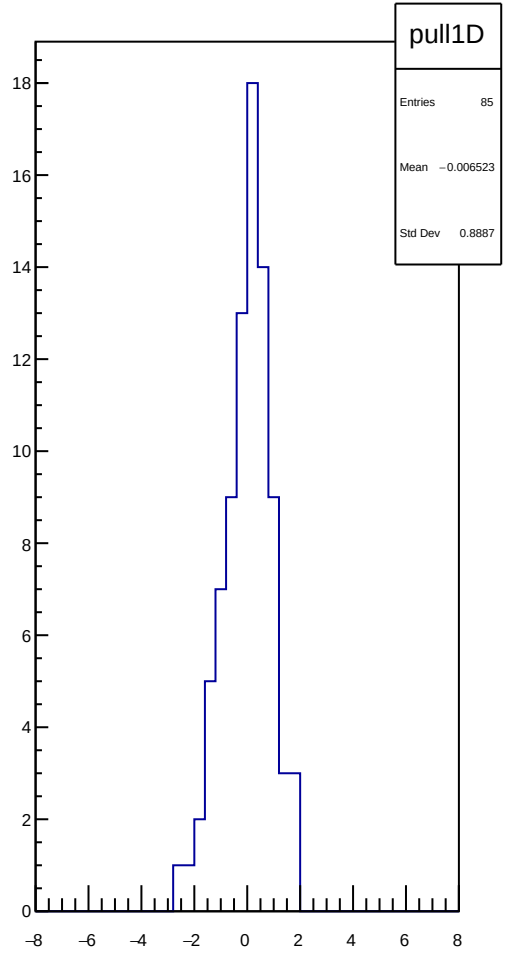

asym_atl2_rms vs run
χ² / ndf 1.264e+04 / 84
p0 1.162e+04 ± 9.242
15000
14000
13000
12000
11000
10000

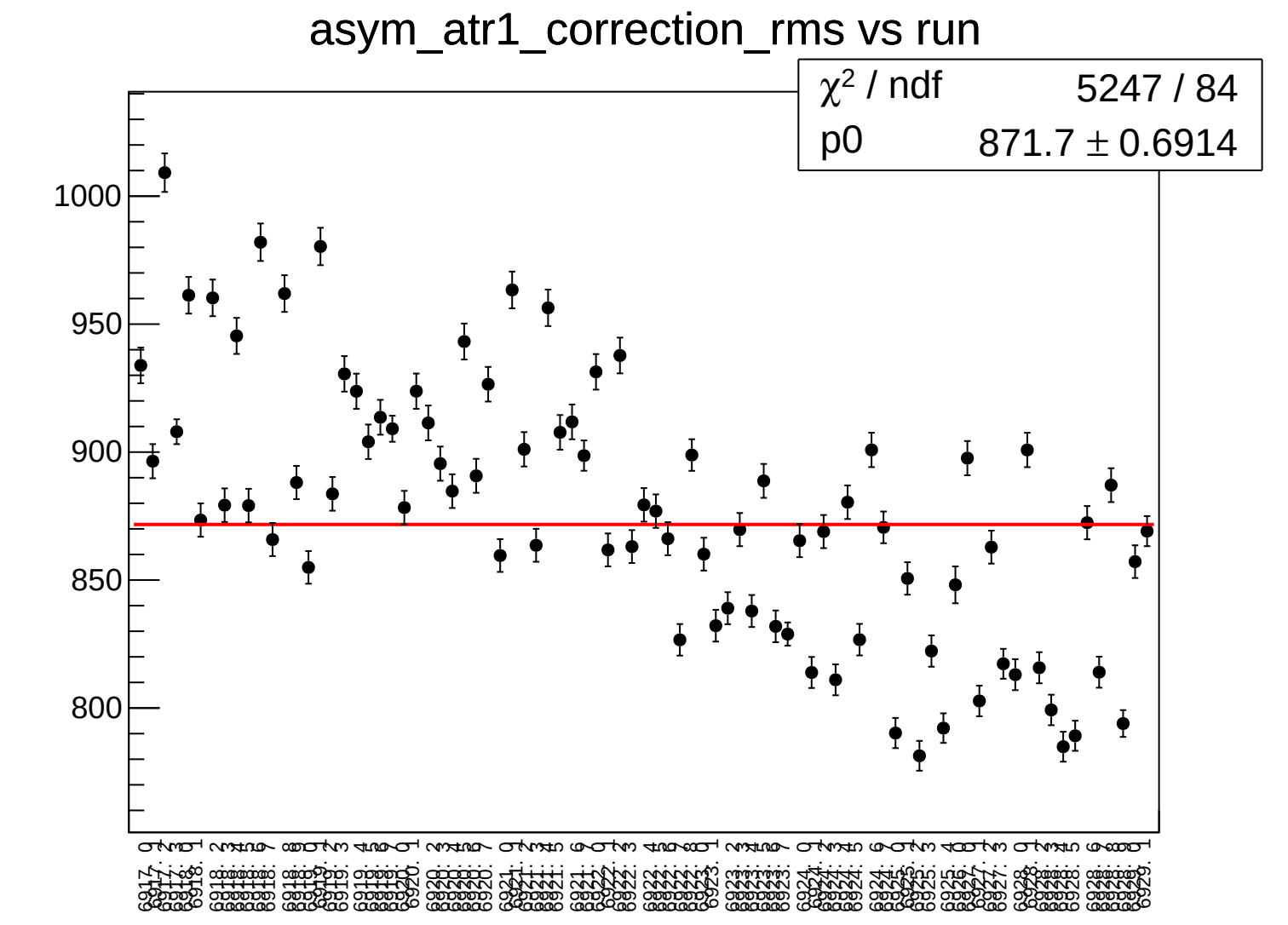

dit_asym_atr1_mean vs run
×10^3
χ² / ndf 107.4 / 84
p0 9054 ± 3061
100
50
0
−50
−100
pull
Entries 85
Mean −478.2
Std Dev 539
3
2
1
0
−1
−2

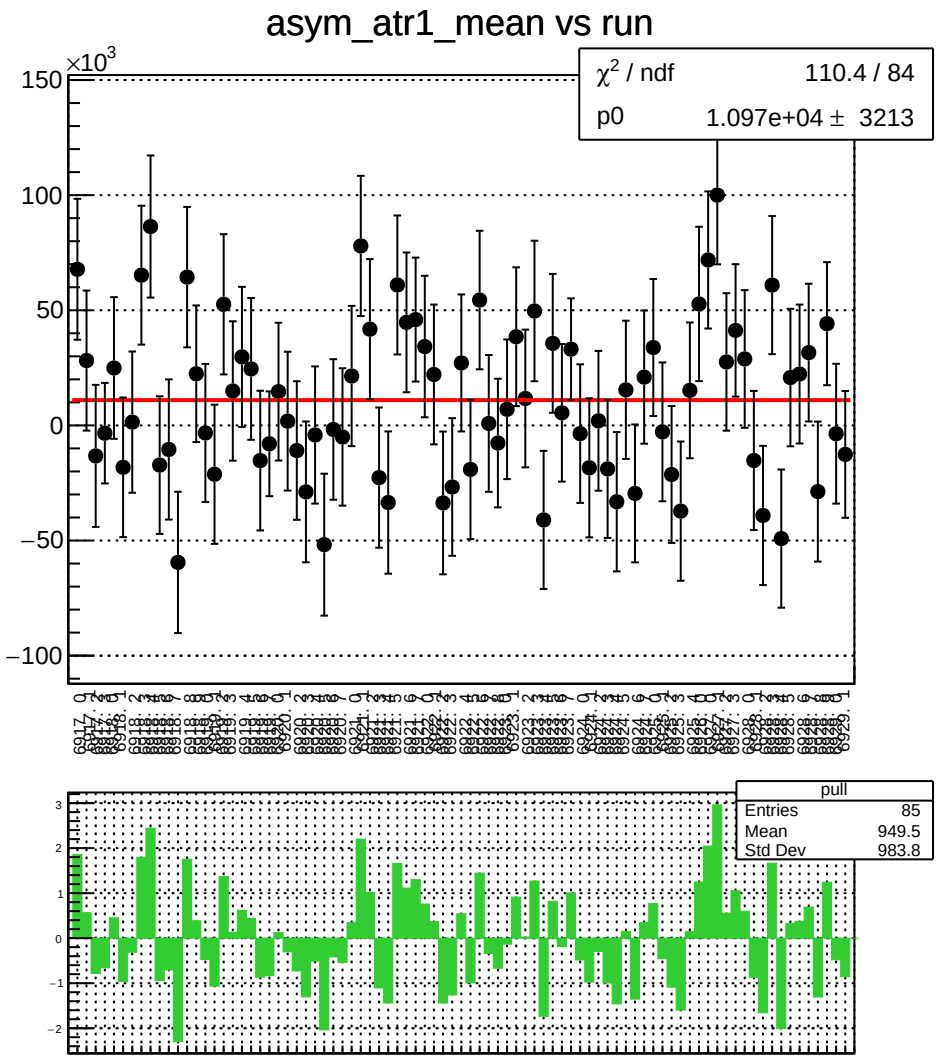

pull1D
Entries 85
Mean −0.001468
Std Dev 1.124
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

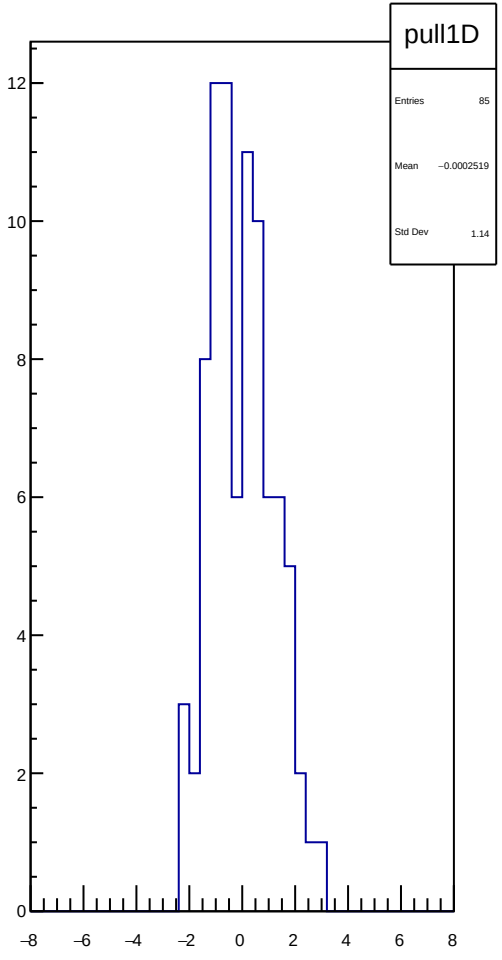

dit_asym_atr1_rms vs run
χ² / ndf 85.24 / 84
p0 2733 ± 2.165
2800
2780
2760
2740
2720
2700
2680
2660

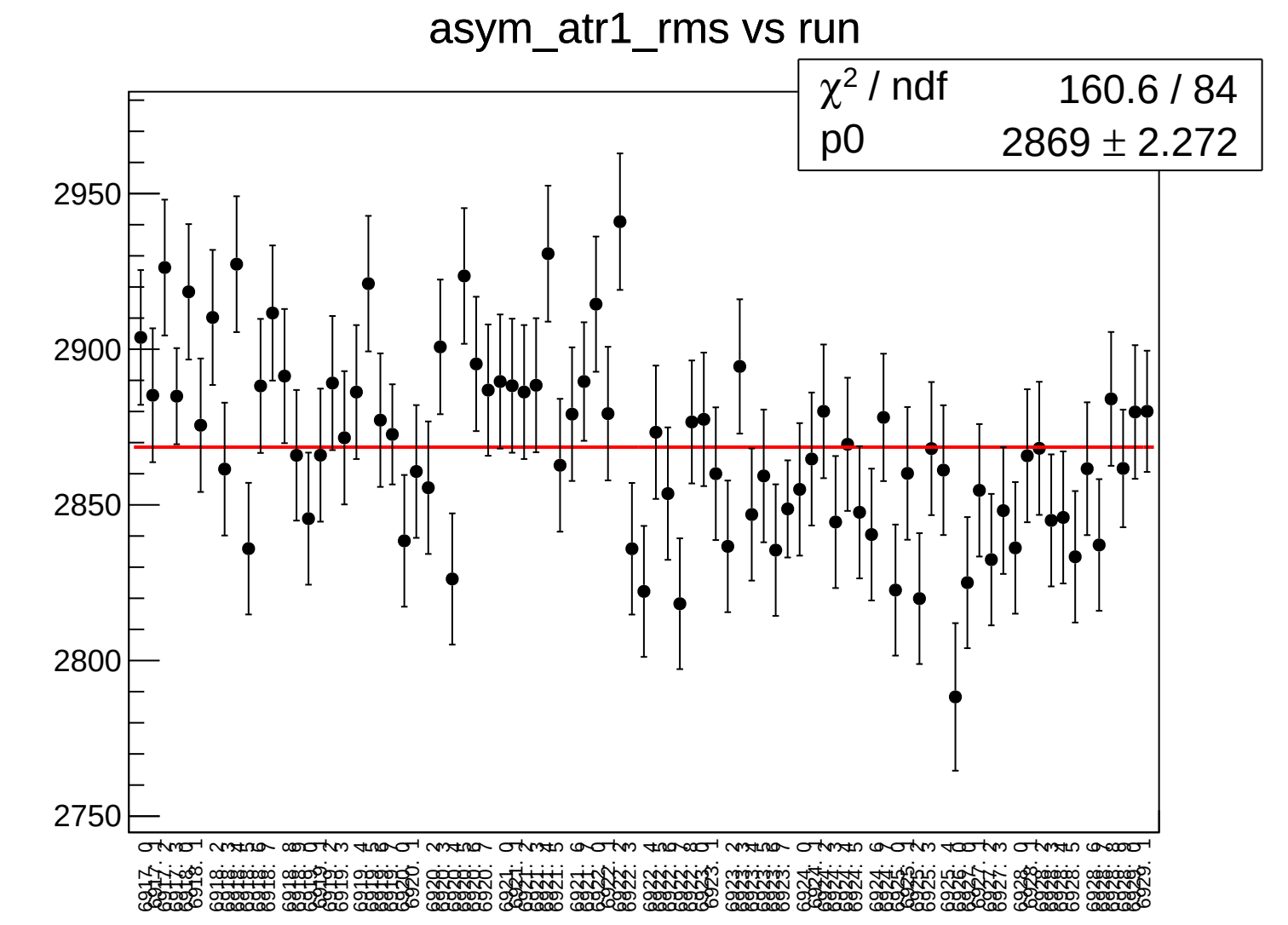

asym_atr1_correction_mean vs run
χ² / ndf 67.13 / 84
p0 −1856 ± 977.8
30000
20000
10000
0
−10000
−20000
−30000
−40000
pull
Entries 85
Mean −418.8
Std Dev 456.7
2
1
0
−1
−2

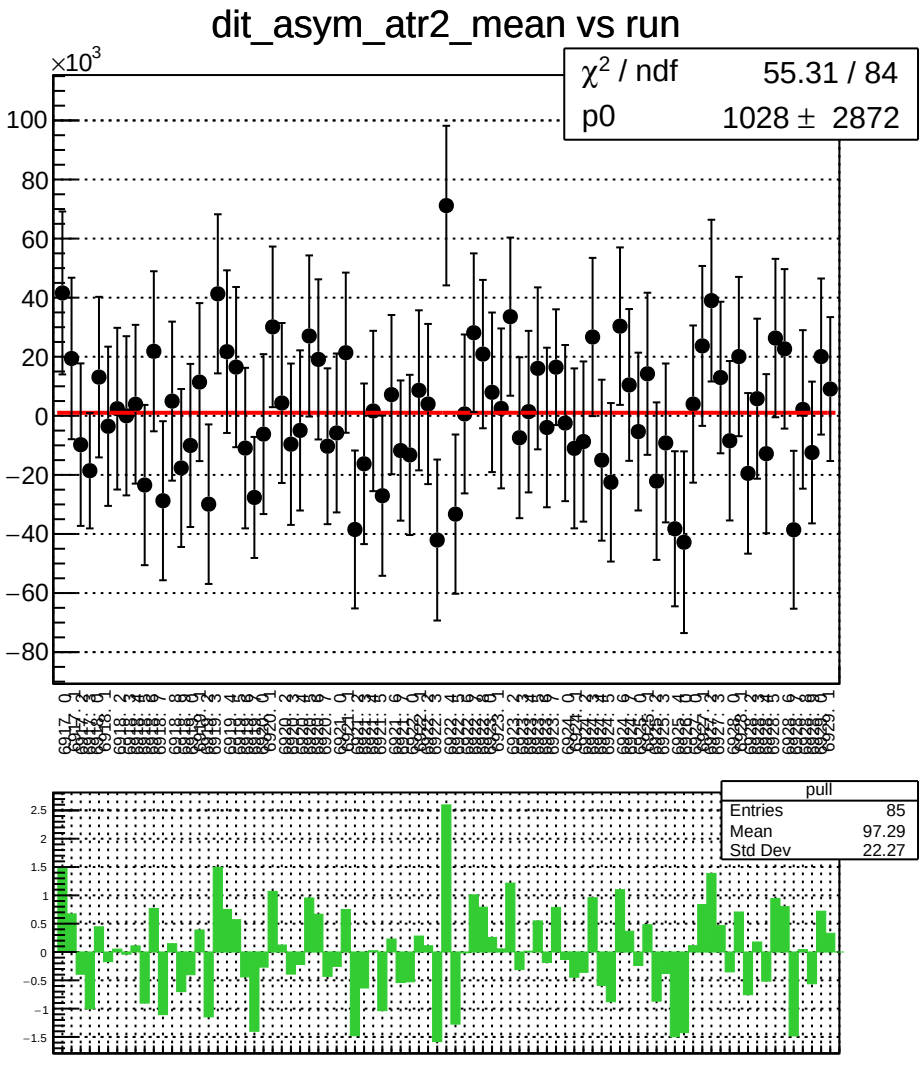

pull1D
Entries 85
Mean −0.006523
Std Dev 0.8887
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

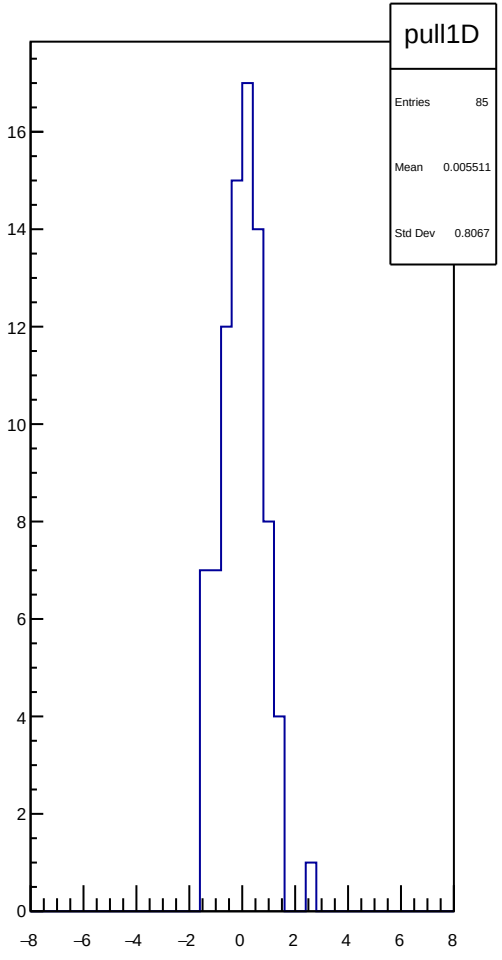

asym_atr1_correction_rms vs run
χ² / ndf 5247 / 84
p0 871.7 ± 0.6914
1000
950
900
850
800

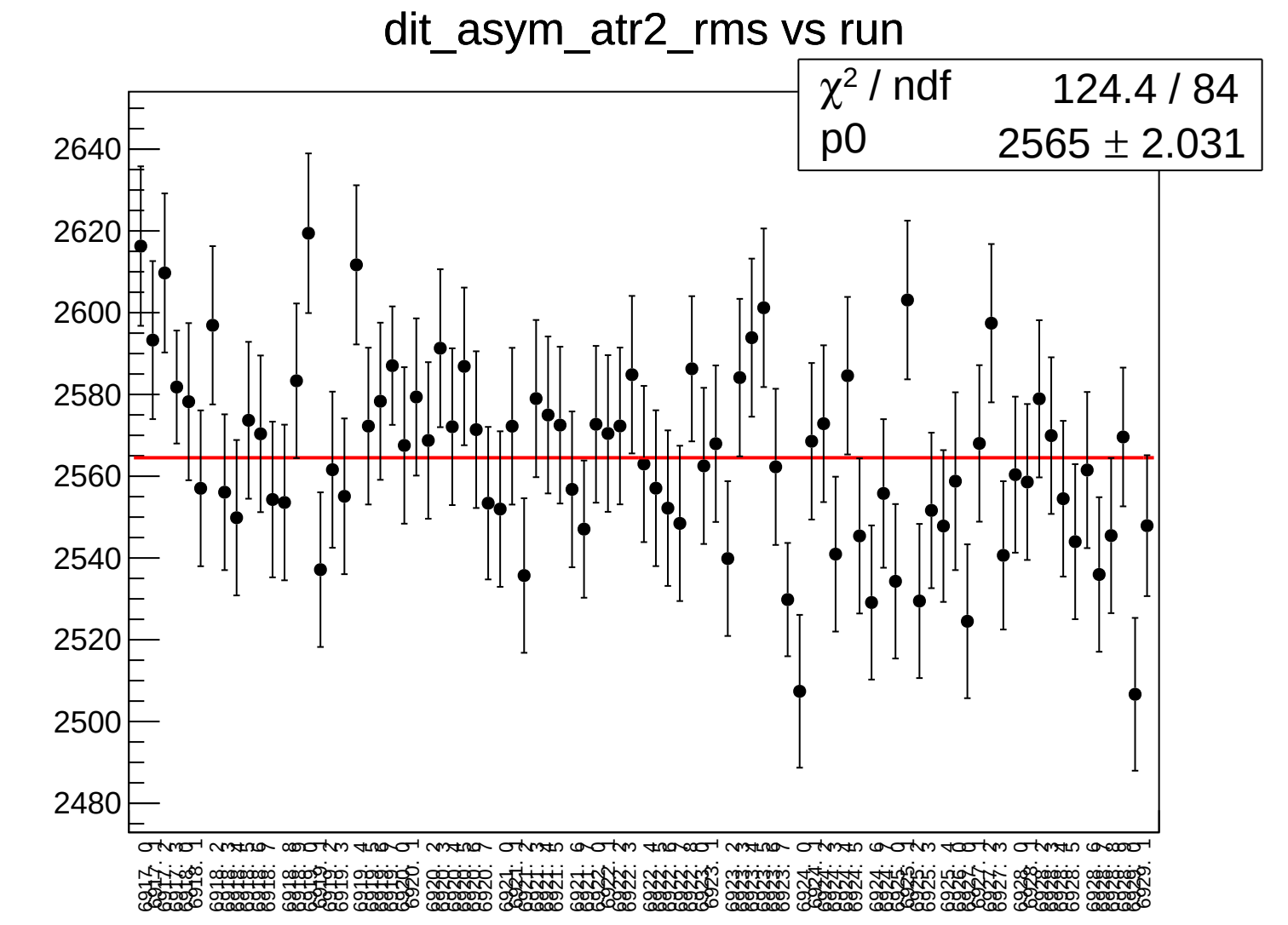

asym_atr1_mean vs run
×10^3
χ² / ndf 110.4 / 84
p0 1.097e+04 ± 3213
150
100
50
0
−50
−100
pull
Entries 85
Mean 949.5
Std Dev 983.8
3
2
1
0
−1
−2

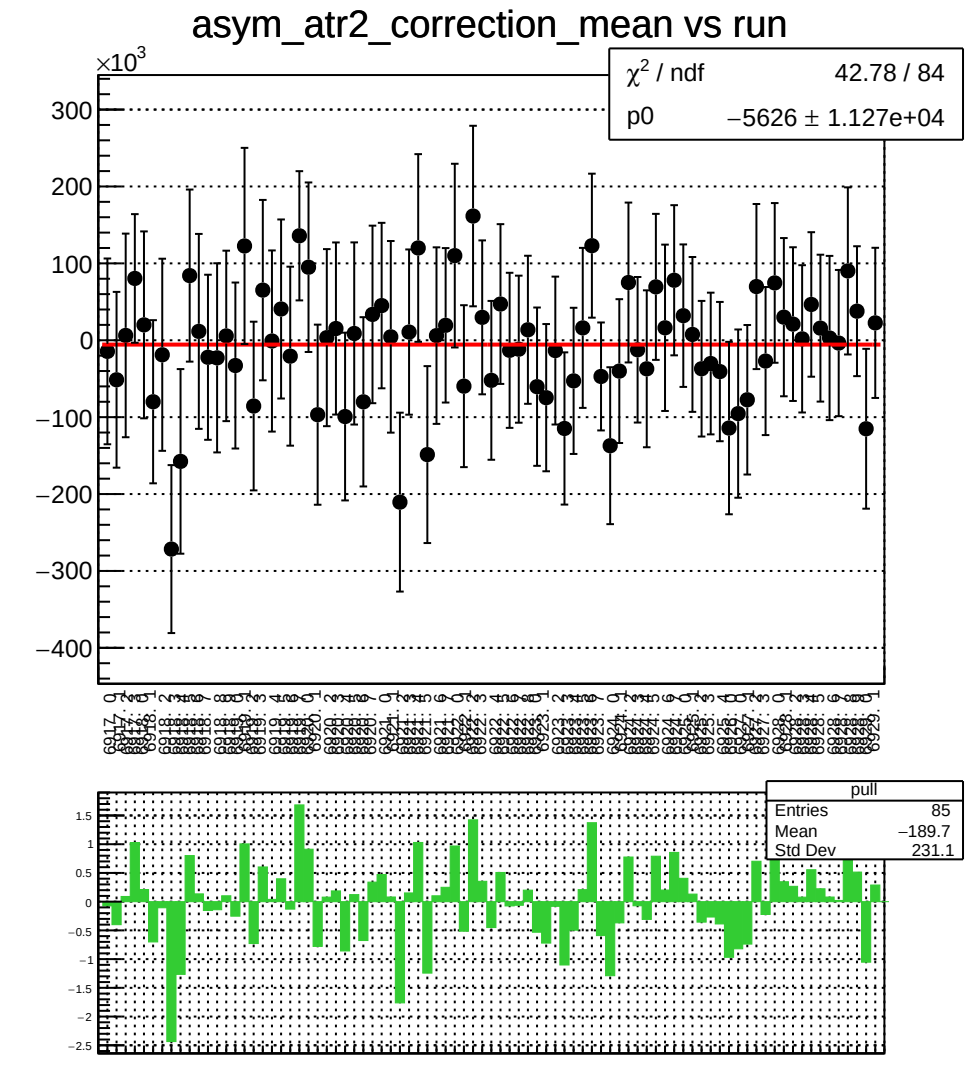

pull1D
Entries 85
Mean −0.0002519
Std Dev 1.14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

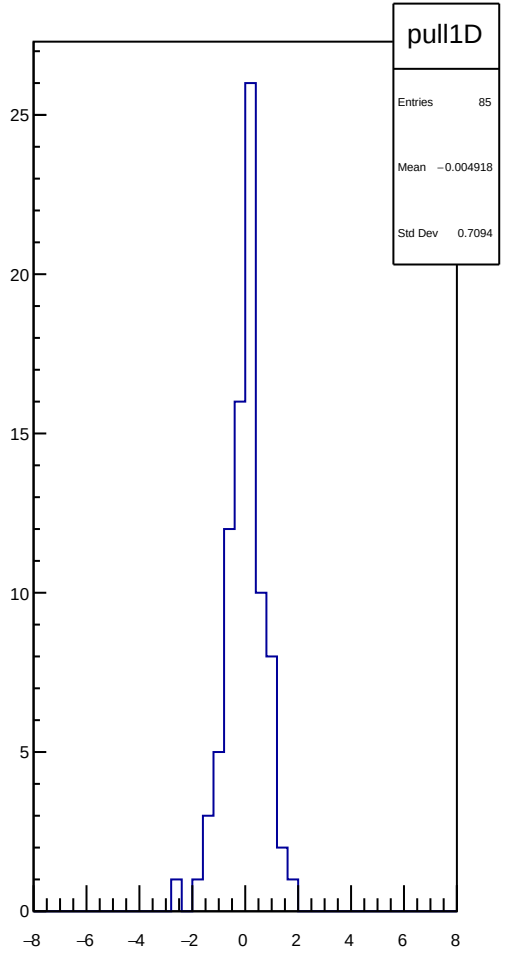

asym_atr1_rms vs run
χ^2 / ndf 160.6 / 84
p0 2869 ± 2.272
2950
2900
2850
2800
2750


dit_asym_atr2_mean vs run
×10^3
χ^2 / ndf 55.31 / 84
p0 1028 ± 2872
pull
Entries 85
Mean 97.29
Std Dev 22.27

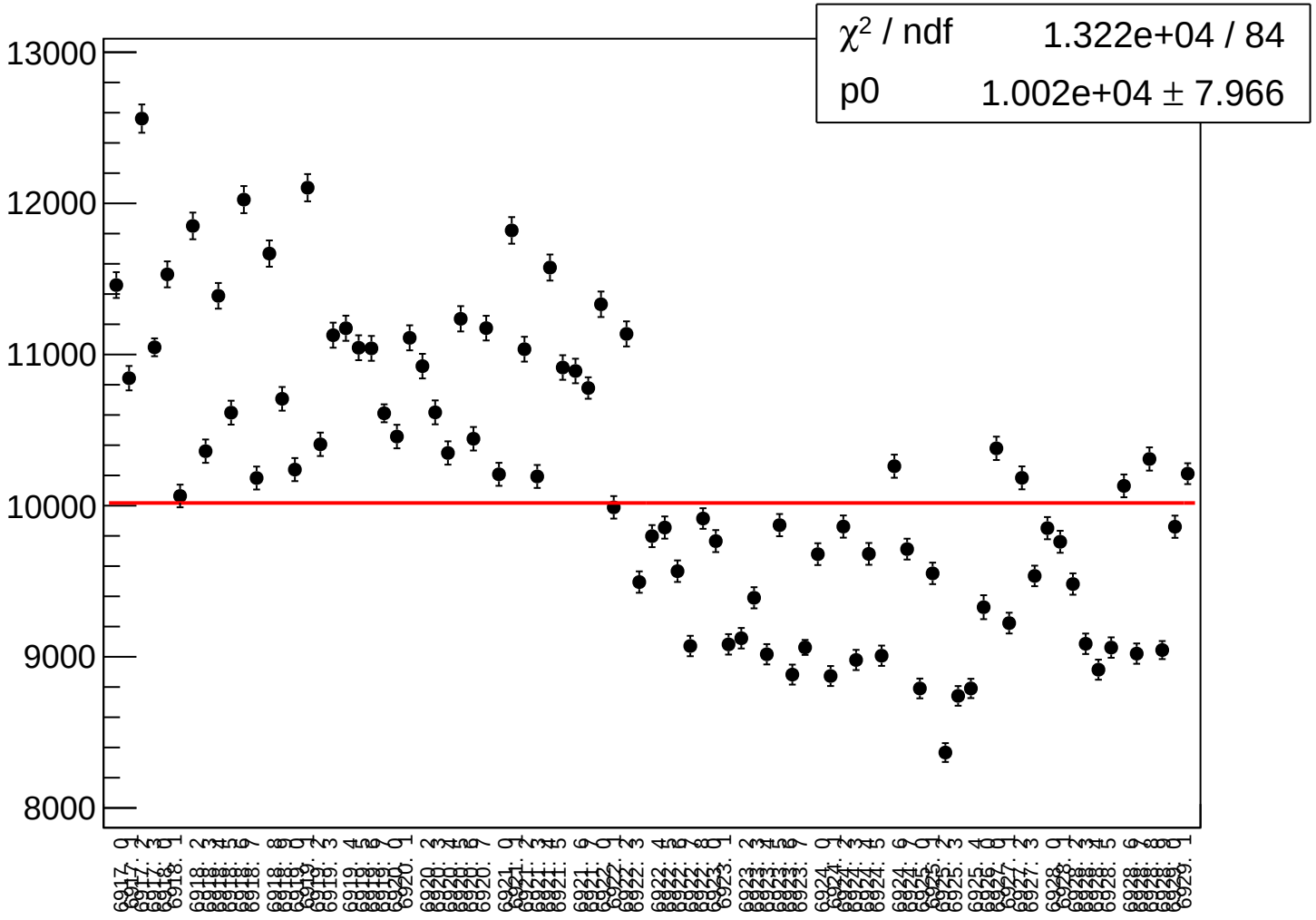

pull1D
Entries 85
Mean 0.005511
Std Dev 0.8067

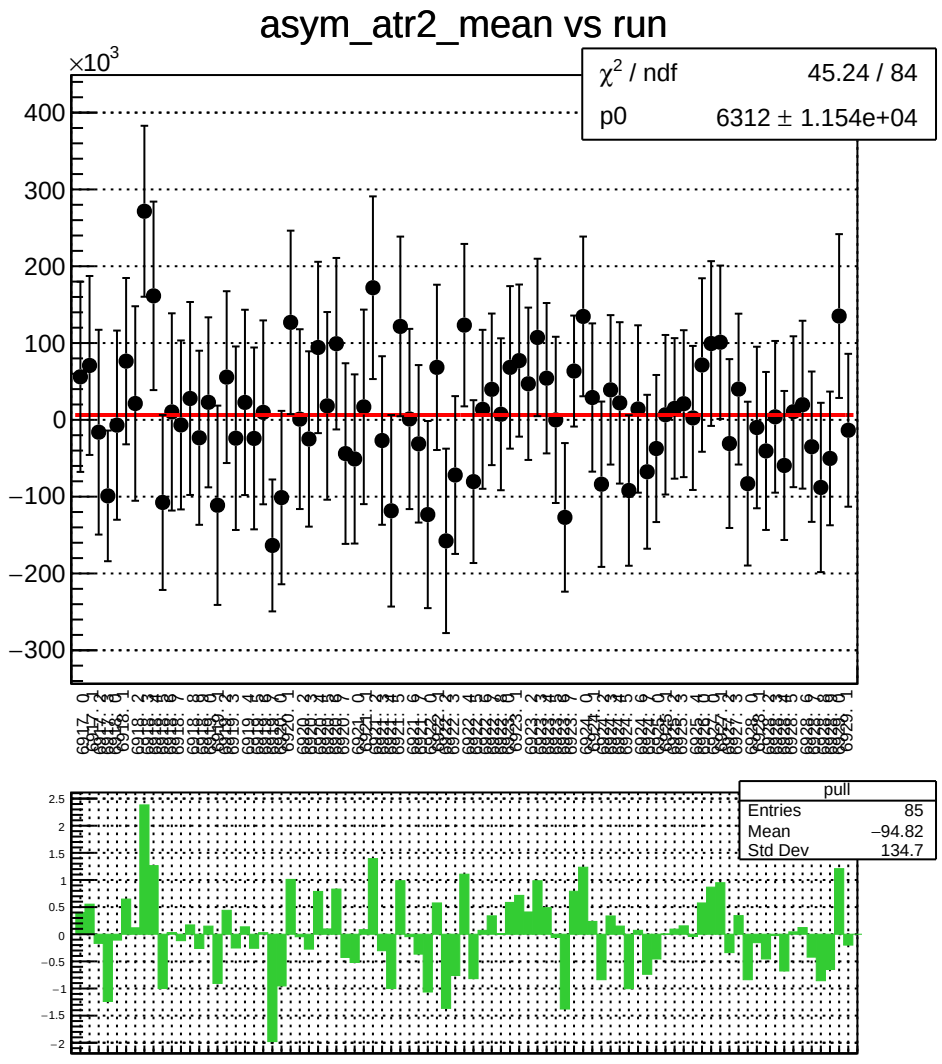

dit_asym_atr2_rms vs run
χ^2 / ndf 124.4 / 84
p0 2565 ± 2.031
2640
2620
2600
2580
2560
2540
2520
2500
2480

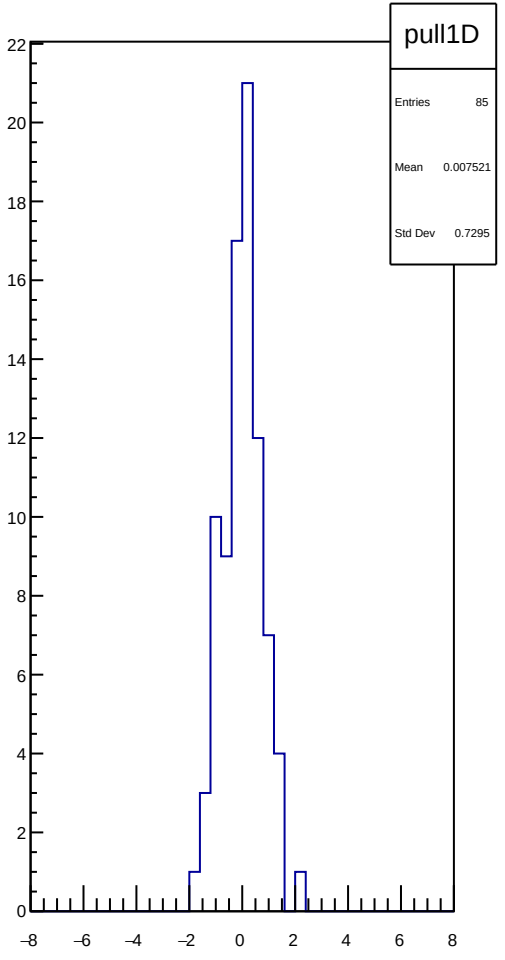

asym_atr2_correction_mean vs run
×10^3
χ² / ndf 42.78 / 84
p0 −5626 ± 1.127e+04
300
200
100
0
−100
−200
−300
−400
pull
Entries 85
Mean −189.7
Std Dev 231.1
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

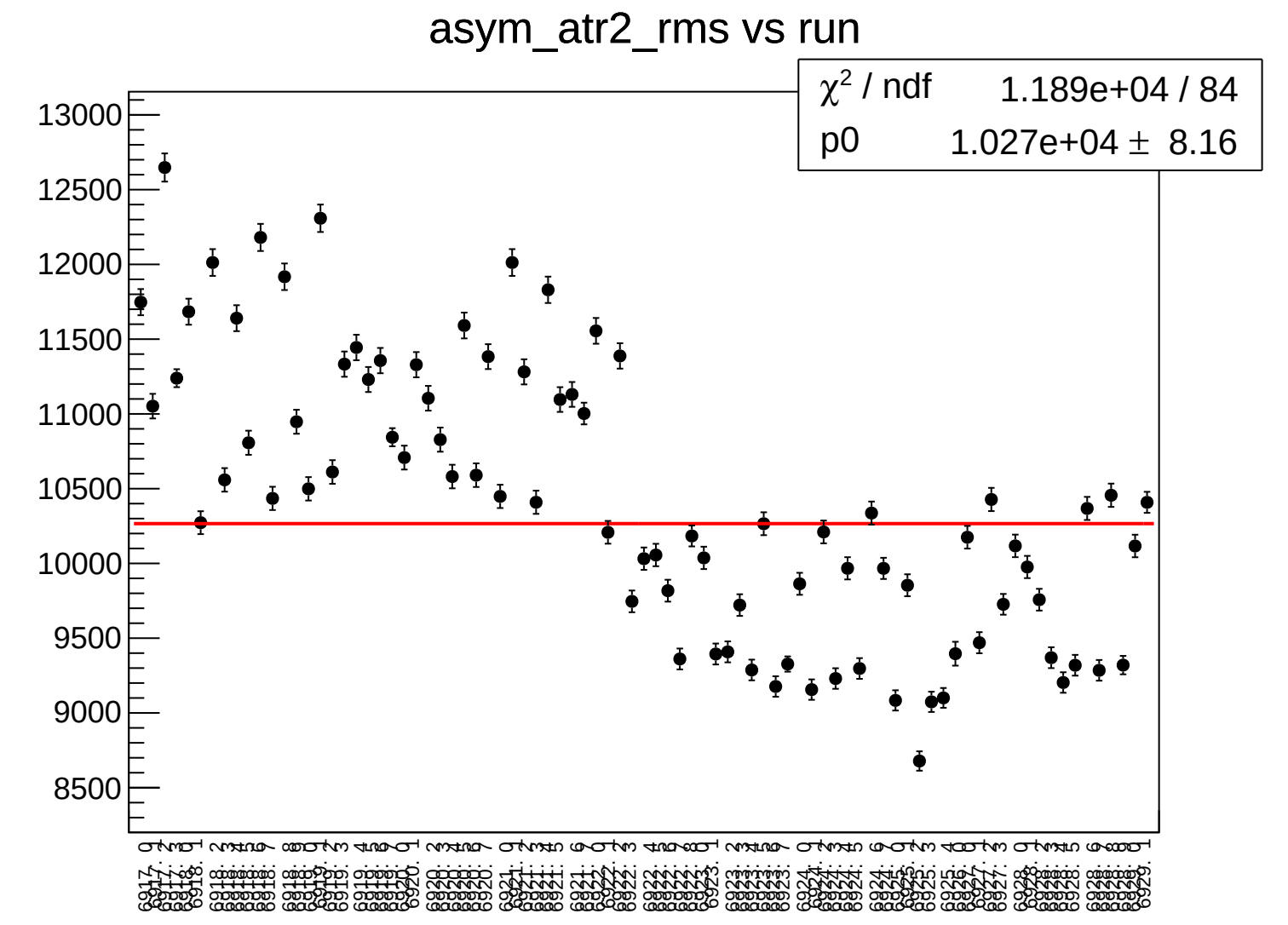

pull1D
Entries 85
Mean −0.004918
Std Dev 0.7094
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

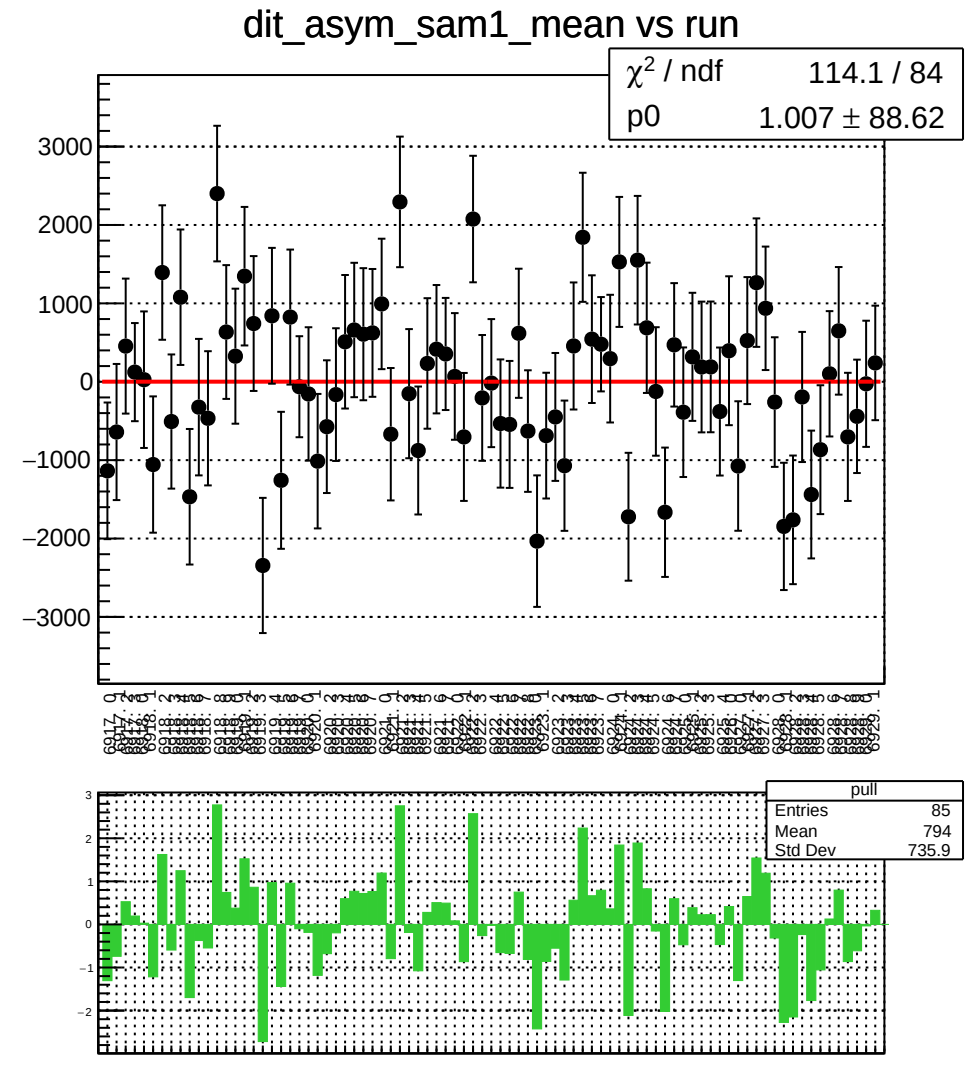
asym_atr2_correction_rms vs run

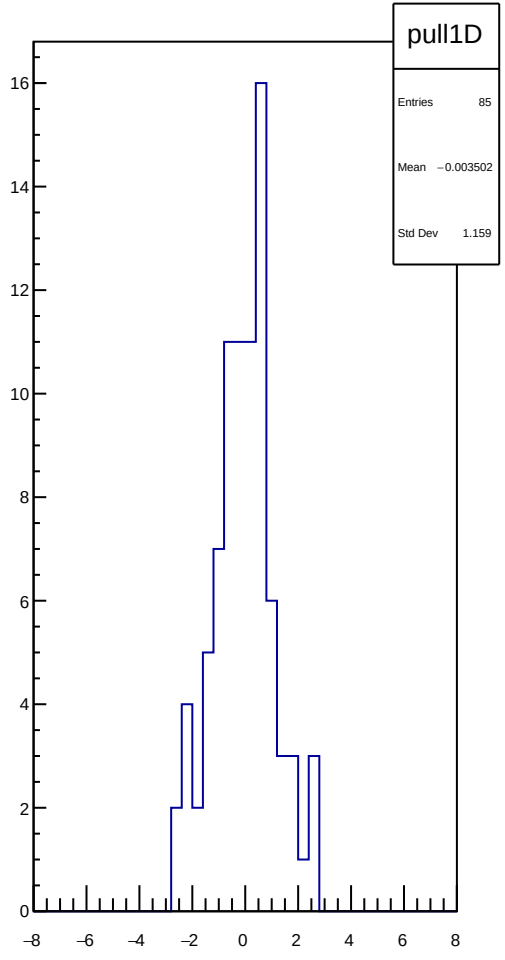


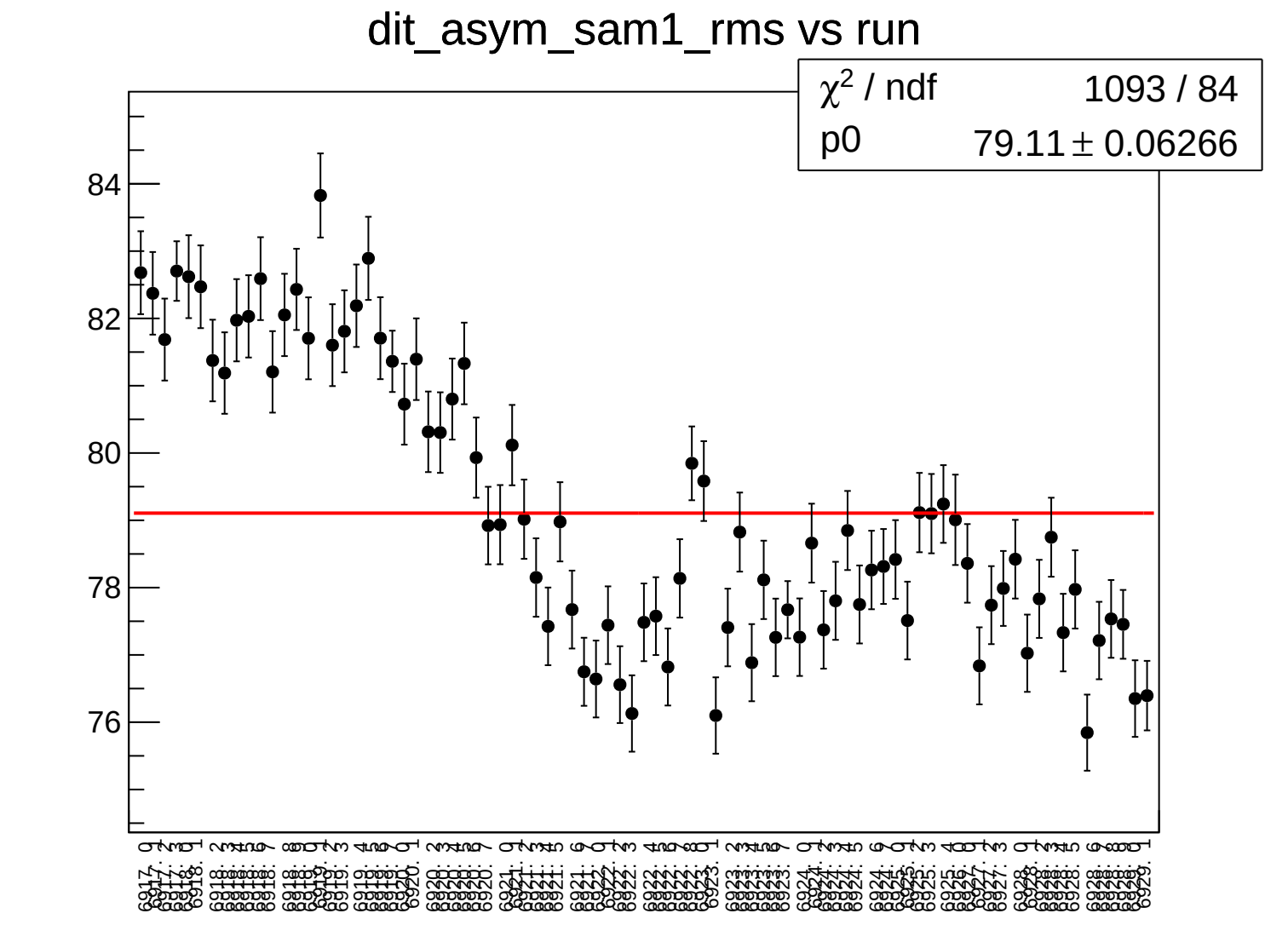

asym_atr2_mean vs run
×10^3
χ² / ndf 45.24 / 84
p0 6312 ± 1.154e+04
pull
Entries 85
Mean −94.82
Std Dev 134.7

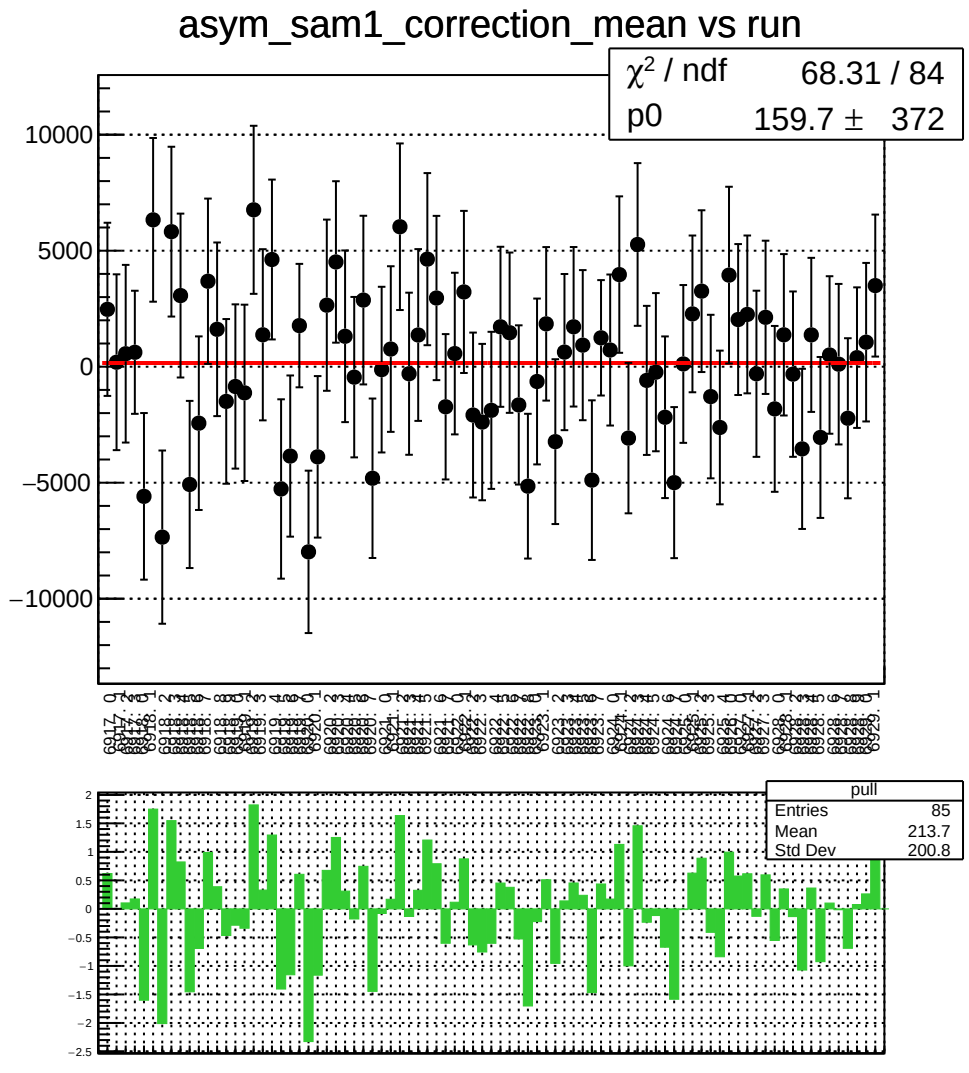

pull1D
Entries 85
Mean 0.007521
Std Dev 0.7295

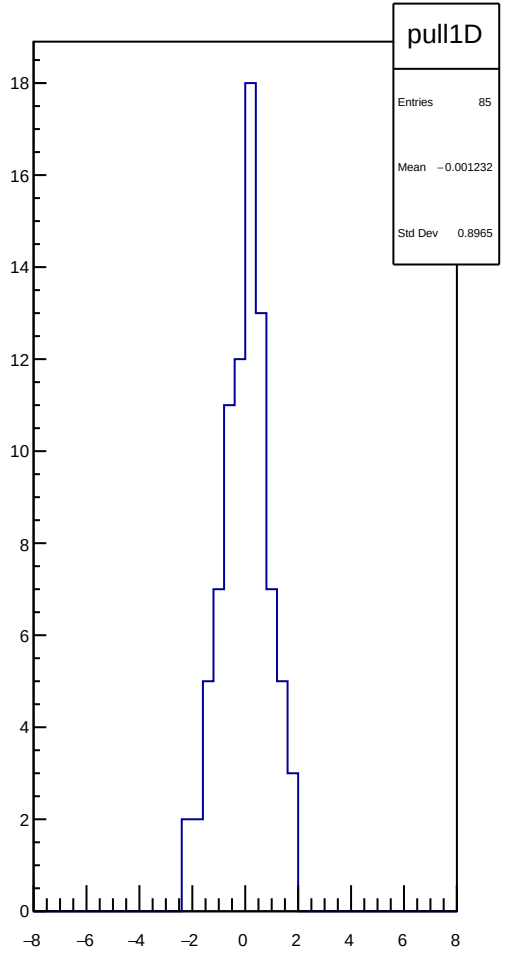

asym_atr2_rms vs run
χ² / ndf 1.189e+04 / 84
p0 1.027e+04 ± 8.16
13000
12500
12000
11500
11000
10500
10000
9500
9000
8500

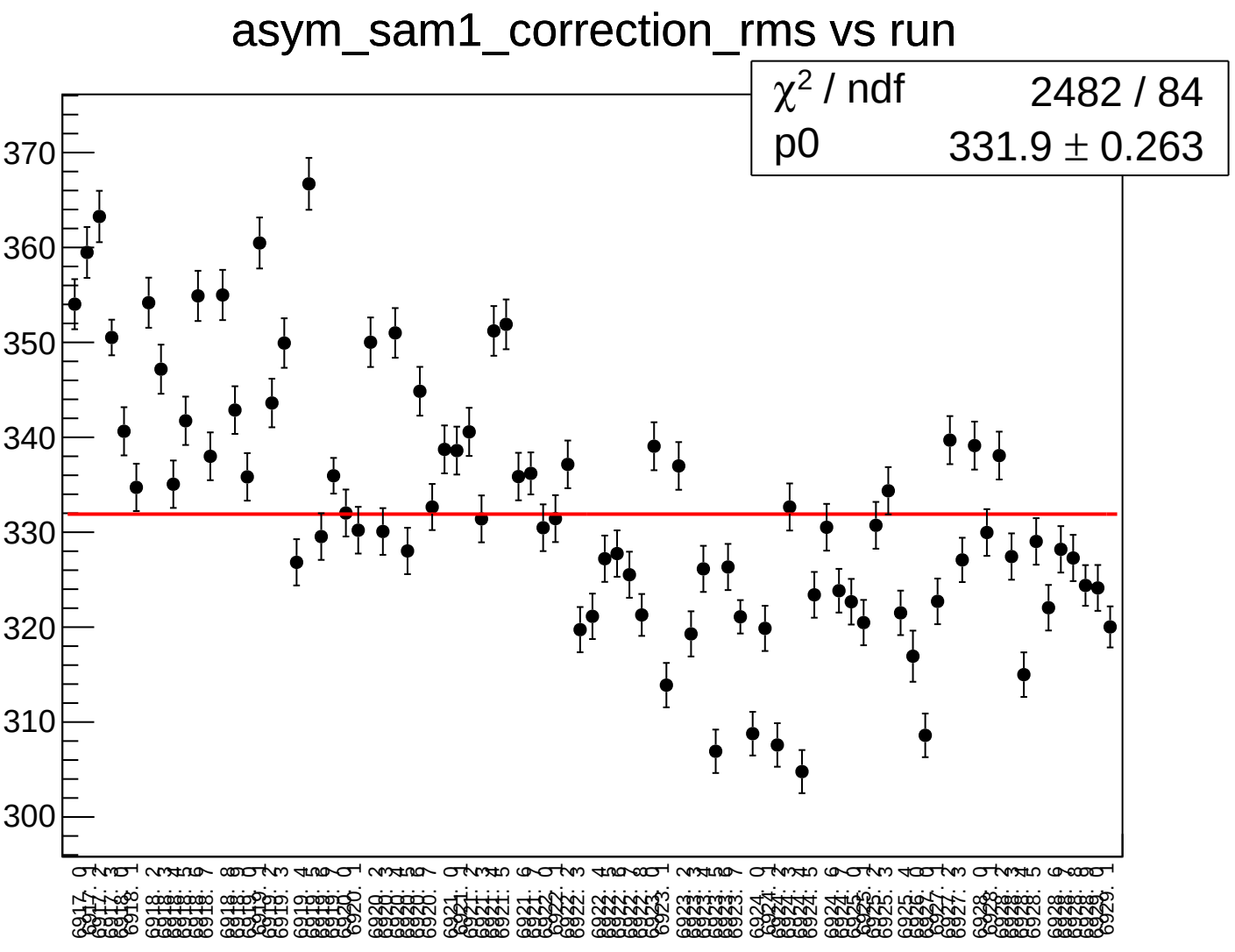

dit_asym_sam1_mean vs run
χ² / ndf 114.1 / 84
p0 1.007 ± 88.62
pull
Entries 85
Mean 794
Std Dev 735.9

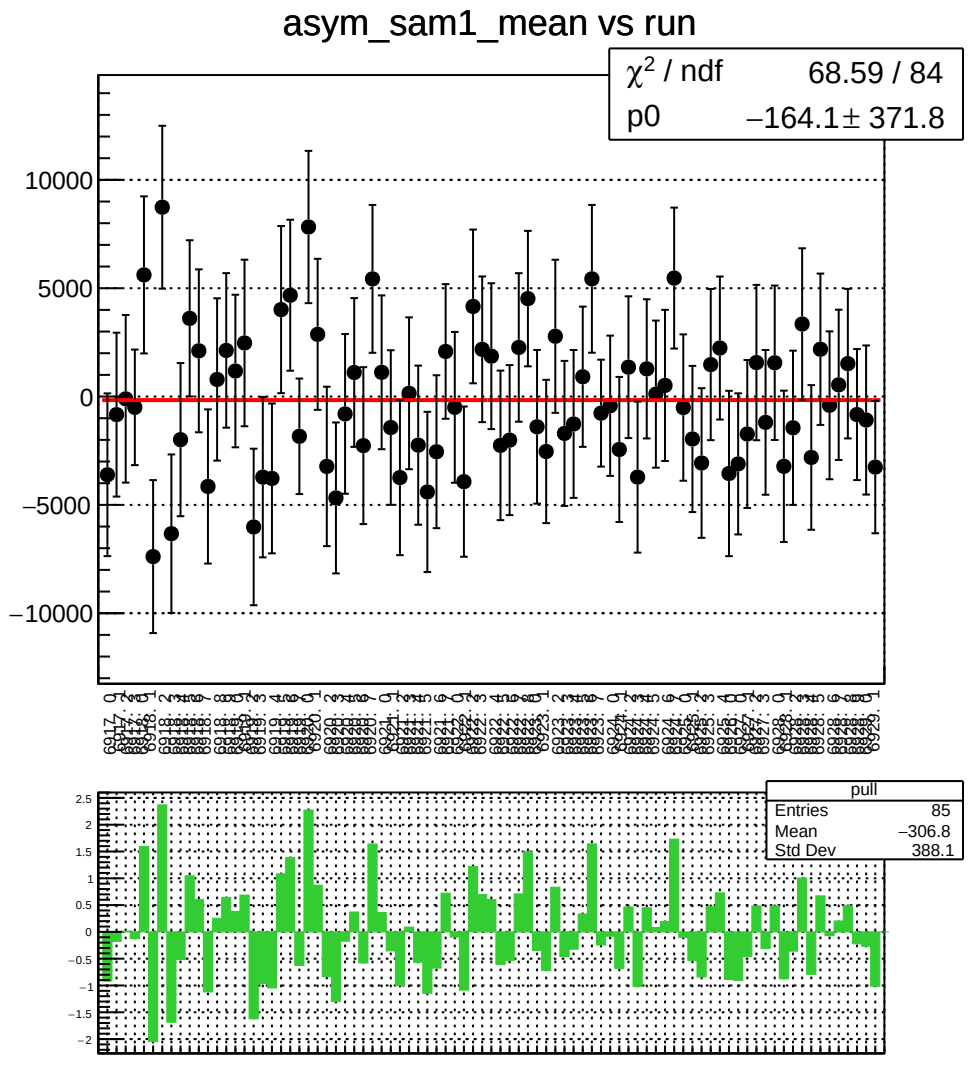

pull1D
Entries 85
Mean −0.003502
Std Dev 1.159

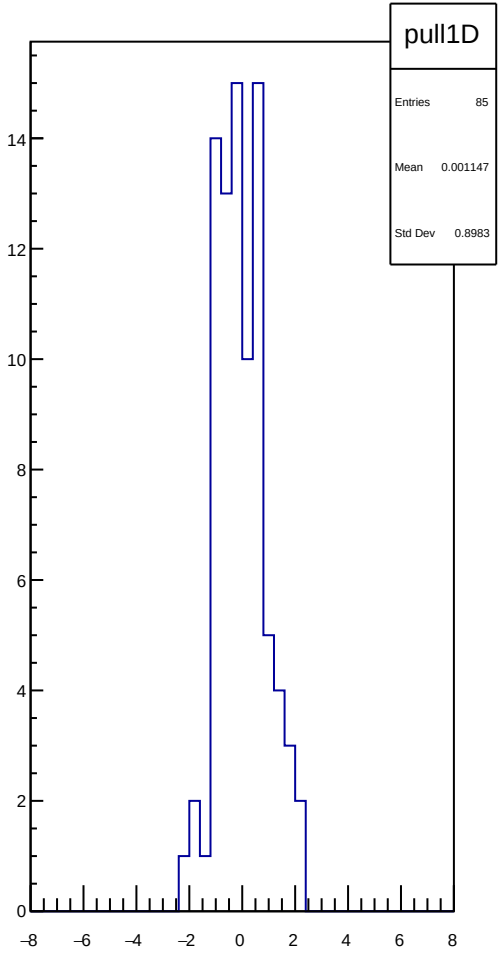

dit_asym_sam1_rms vs run
χ^2 / ndf 1093 / 84
p0 79.11 ± 0.06266
84
82
80
78
76

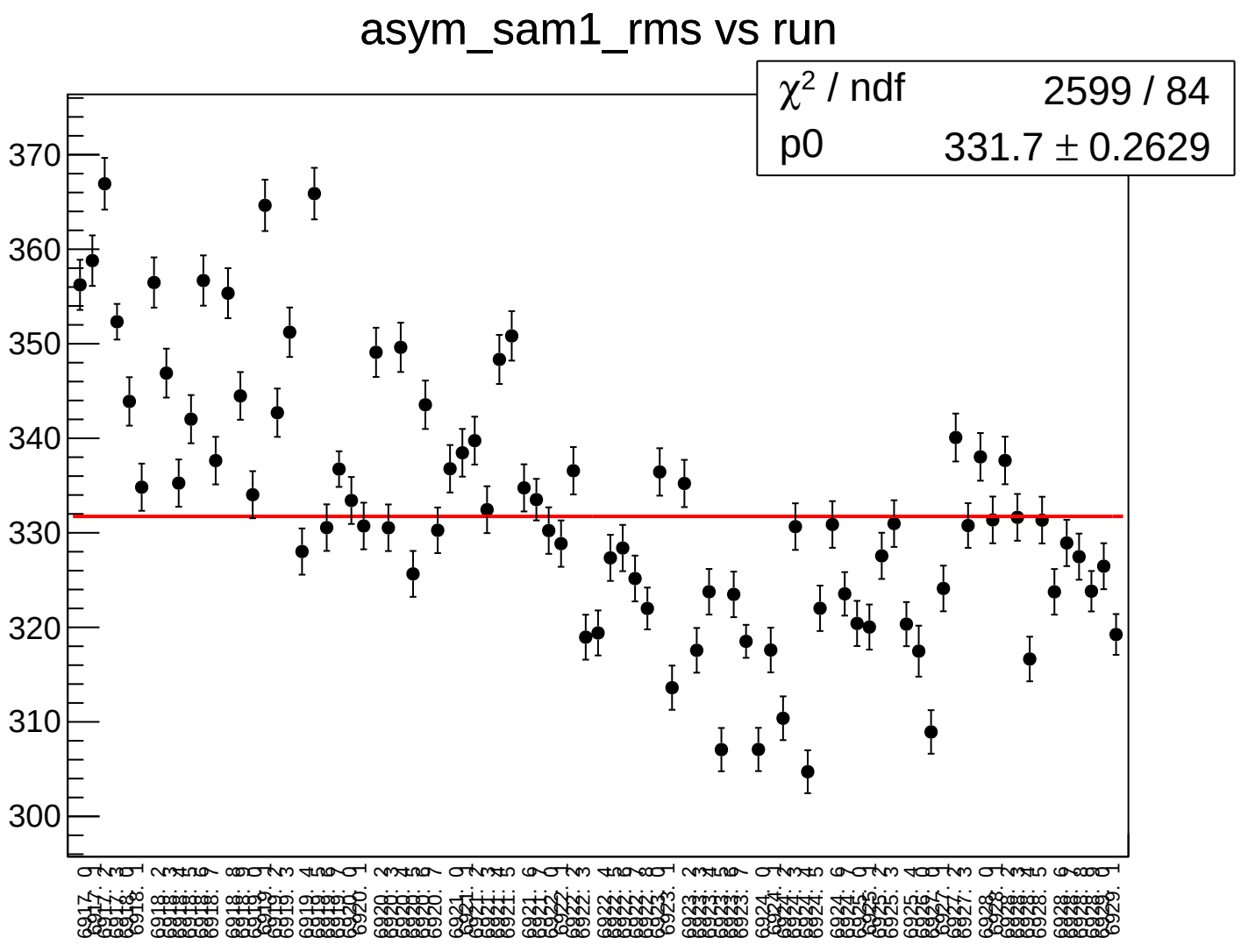

asym_sam1_correction_mean vs run
χ² / ndf 68.31 / 84
p0 159.7 ± 372
pull
Entries 85
Mean 213.7
Std Dev 200.8

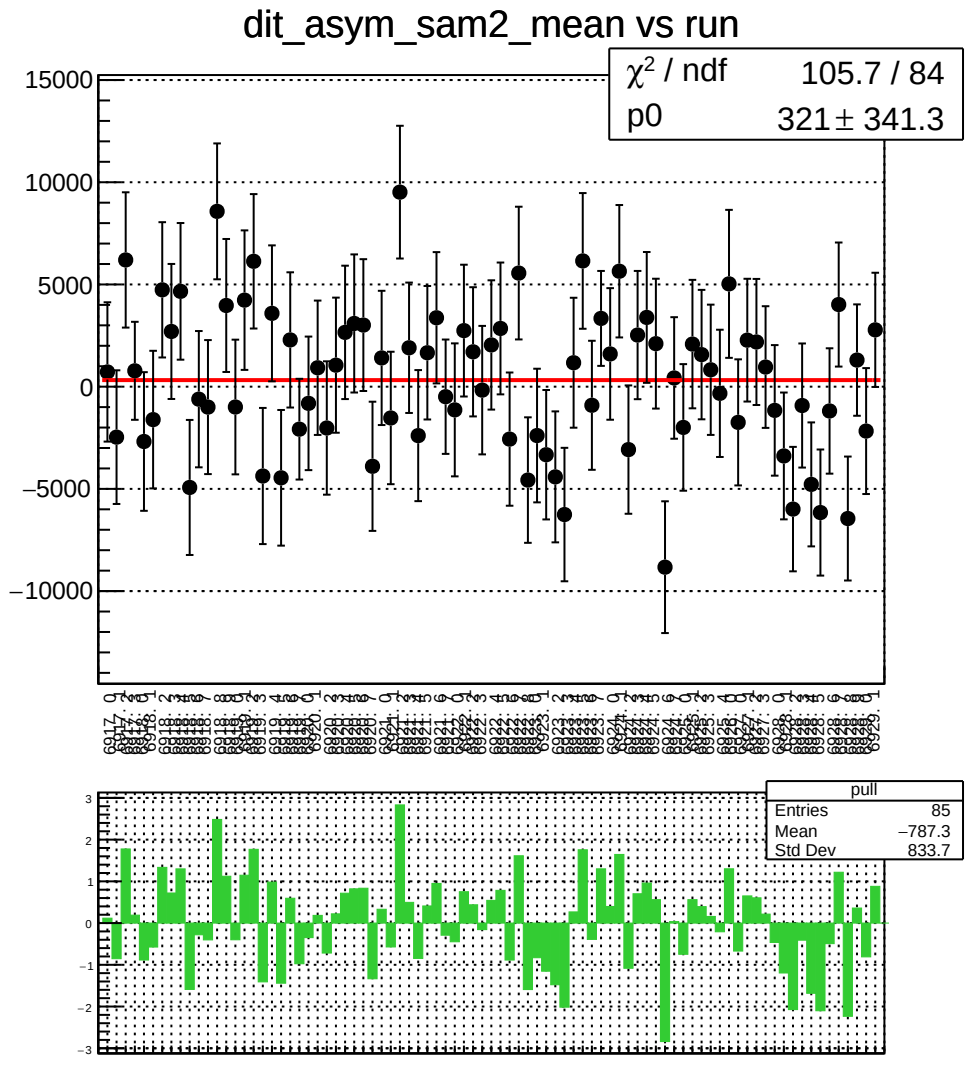

pull1D
Entries 85
Mean −0.001232
Std Dev 0.8965

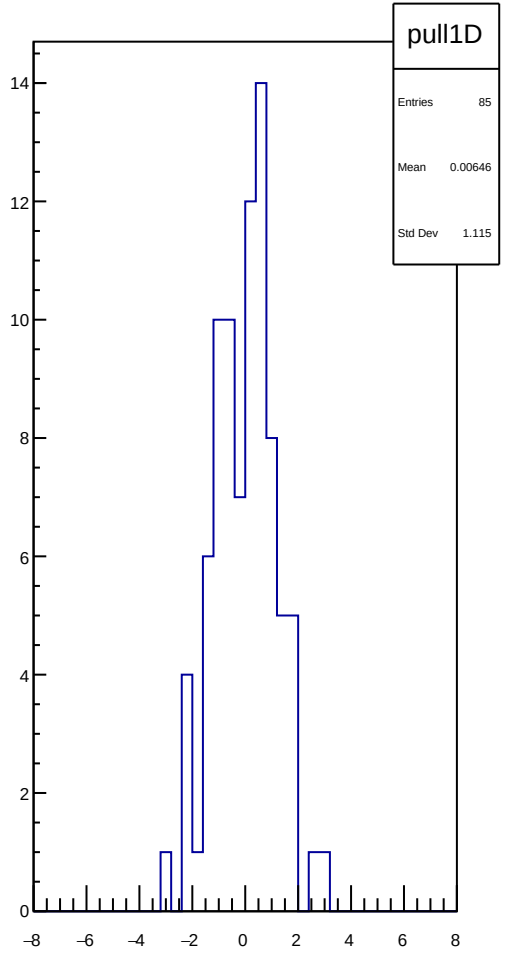

asym_sam1_correction_rms vs run
χ^2 / ndf 2482 / 84
p0 331.9 ± 0.263
370
360
350
340
330
320
310
300

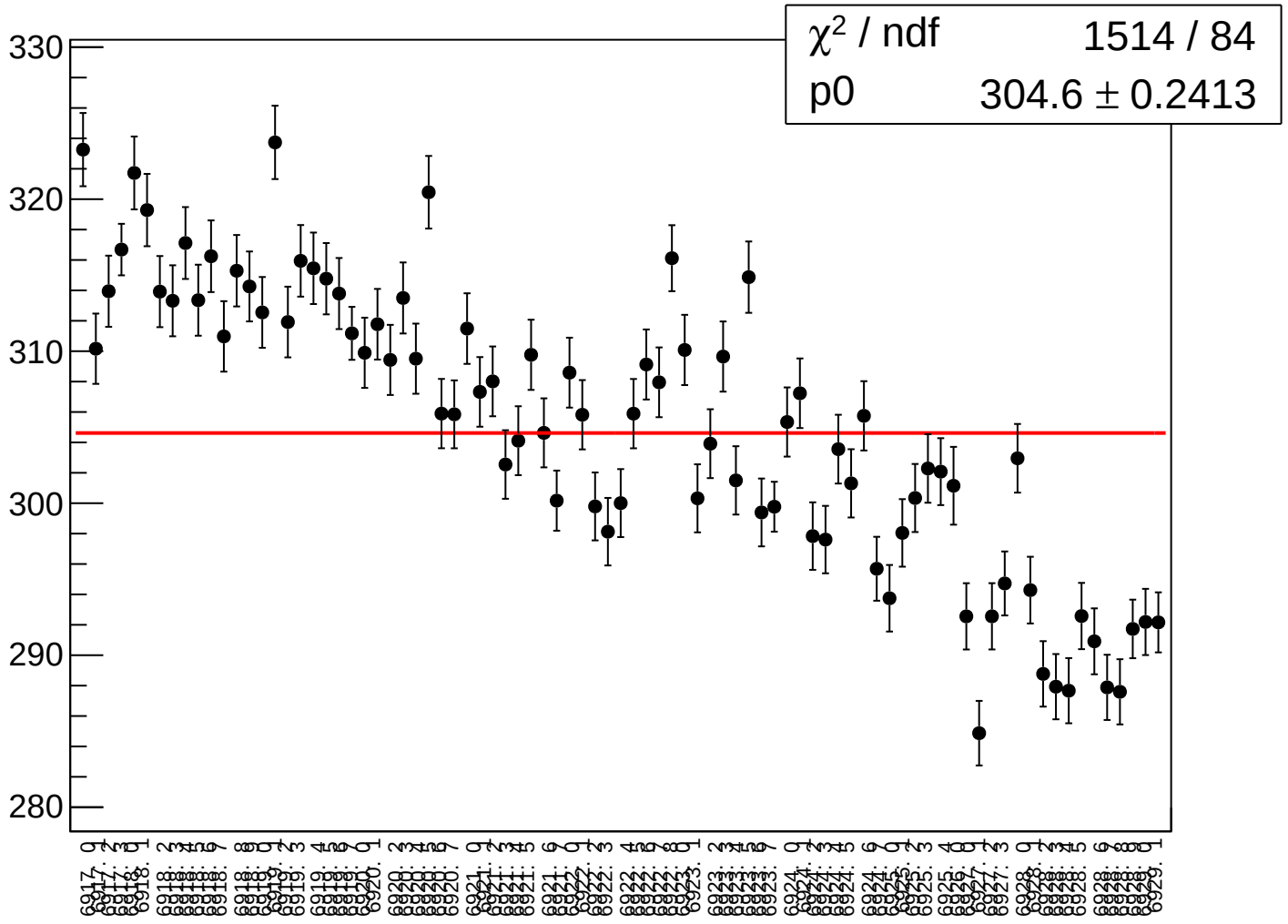

asym_sam1_mean vs run
χ² / ndf 68.59 / 84
p0 −164.1± 371.8
10000
5000
0
−5000
−10000
pull
Entries 85
Mean −306.8
Std Dev 388.1
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

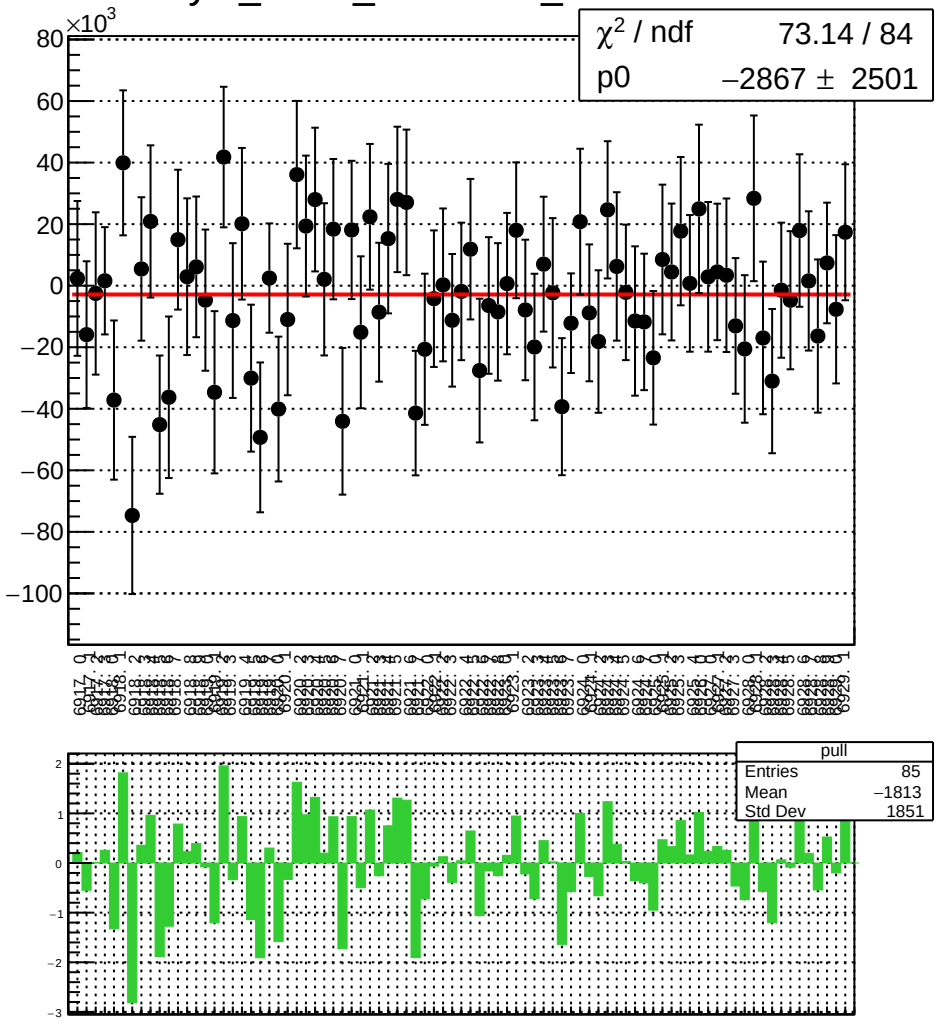

pull1D
Entries 85
Mean 0.001147
Std Dev 0.8983
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

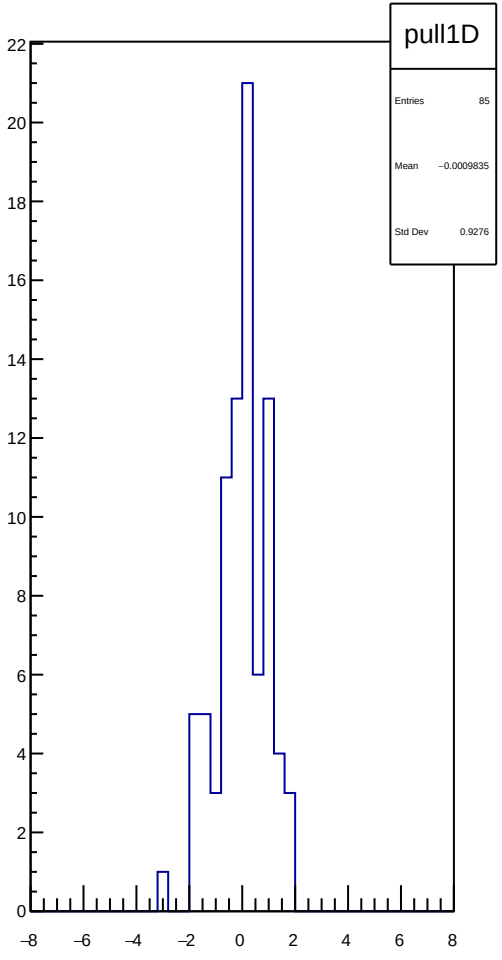

asym_sam1_rms vs run
χ² / ndf 2599 / 84
p0 331.7 ± 0.2629
370
360
350
340
330
320
310
300

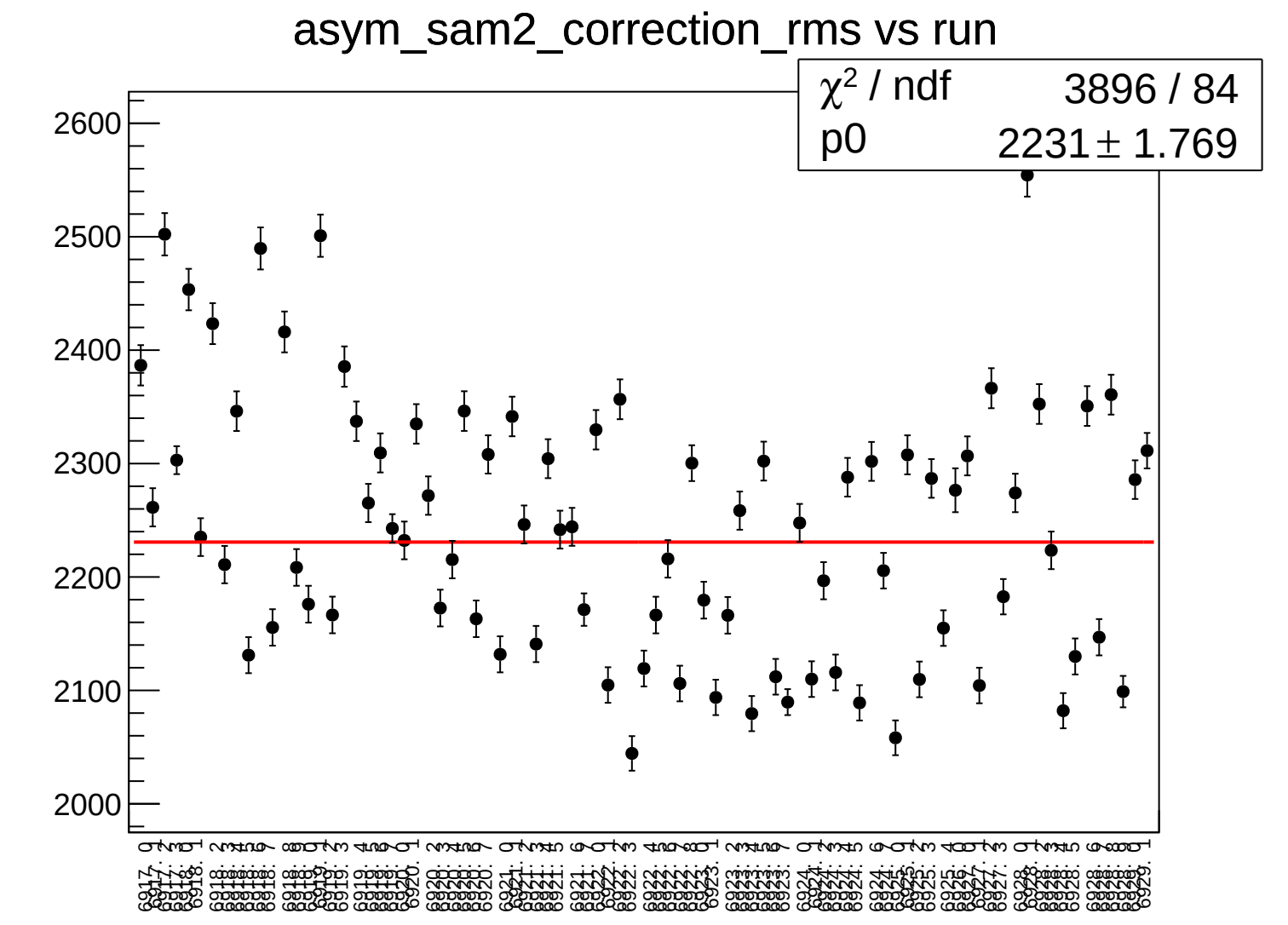

dit_asym_sam2_mean vs run
χ² / ndf 105.7 / 84
p0 321 ± 341.3
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean −787.3
Std Dev 833.7
3
2
1
0
−1
−2
−3

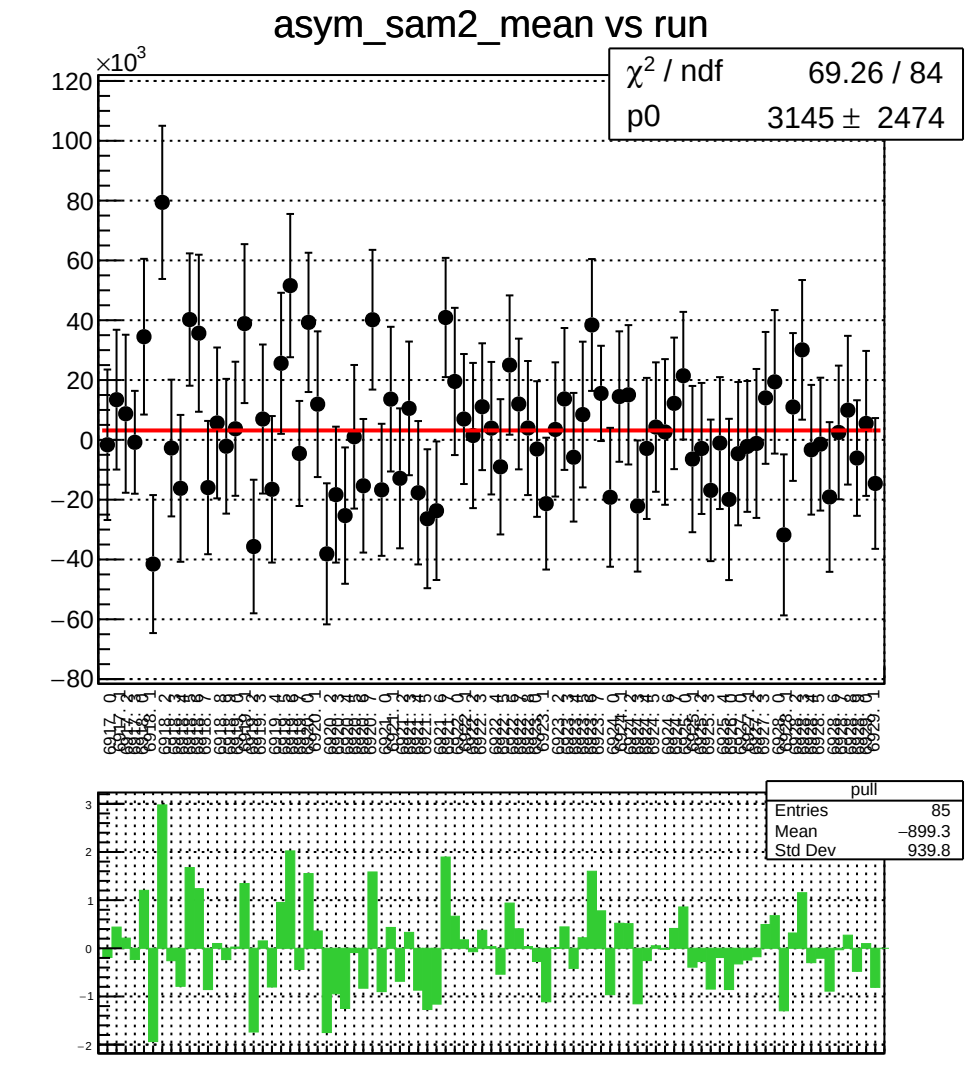

pull1D
Entries 85
Mean 0.00646
Std Dev 1.115
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

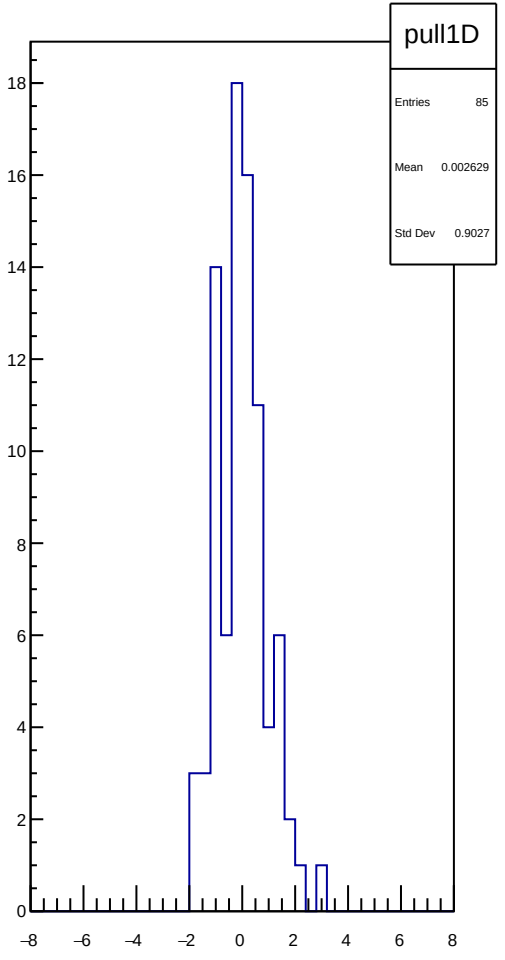

dit_asym_sam2_rms vs run
χ^2 / ndf 1514 / 84
p0 304.6 ± 0.2413
330
320
310
300
290
280

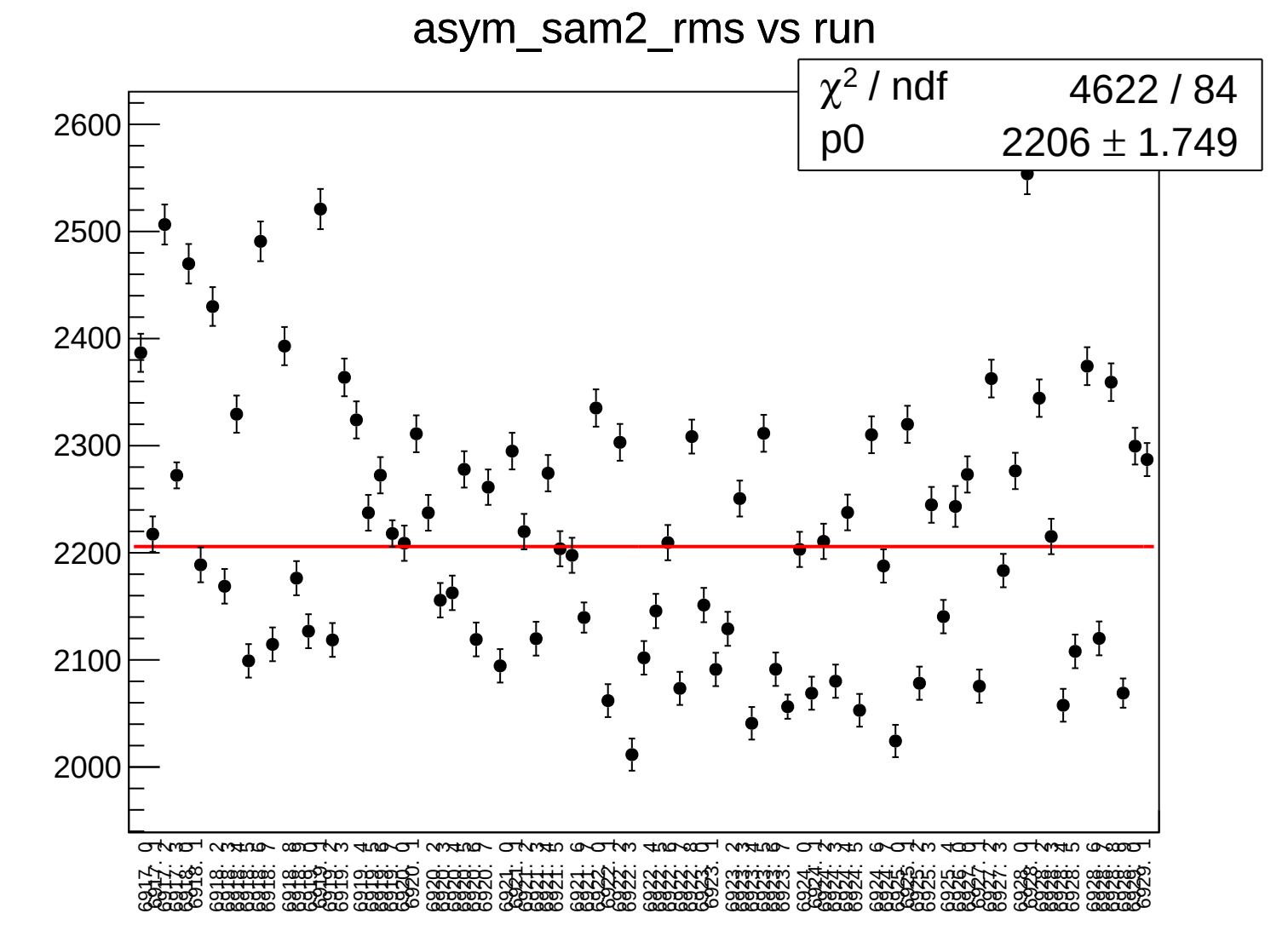

asym_sam2_correction_mean vs run
χ² / ndf 73.14 / 84
p0 −2867 ± 2501
×10³
pull
Entries 85
Mean −1813
Std Dev 1851

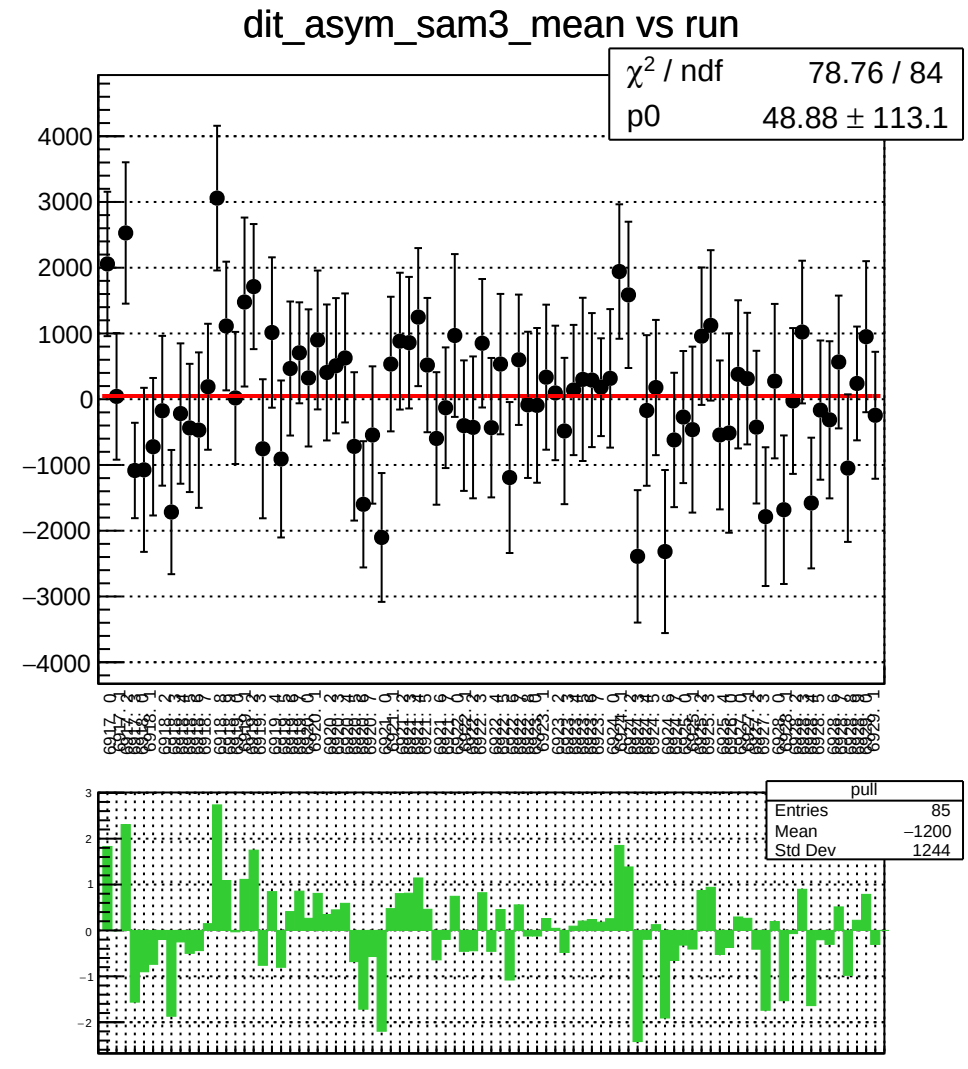

pull1D
Entries 85
Mean −0.0009835
Std Dev 0.9276

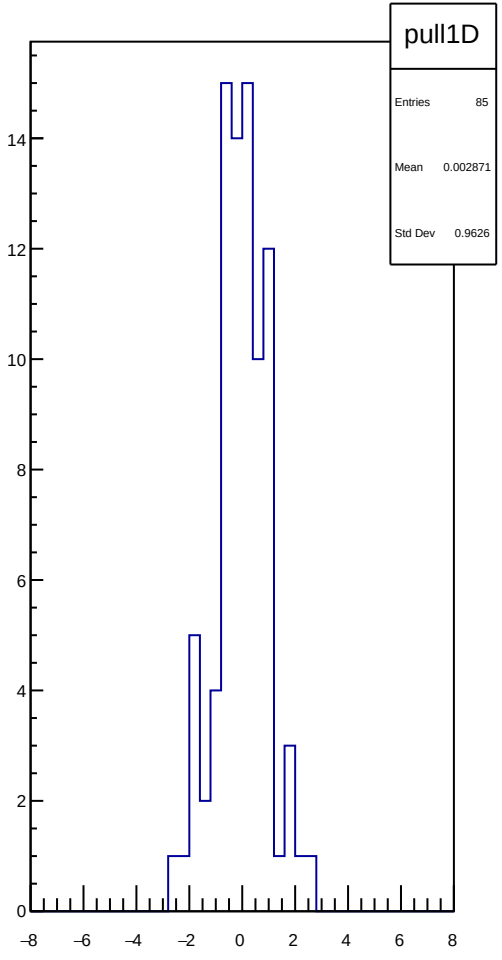

asym_sam2_correction_rms vs run
χ² / ndf 3896 / 84
p0 2231 ± 1.769
2600
2500
2400
2300
2200
2100
2000

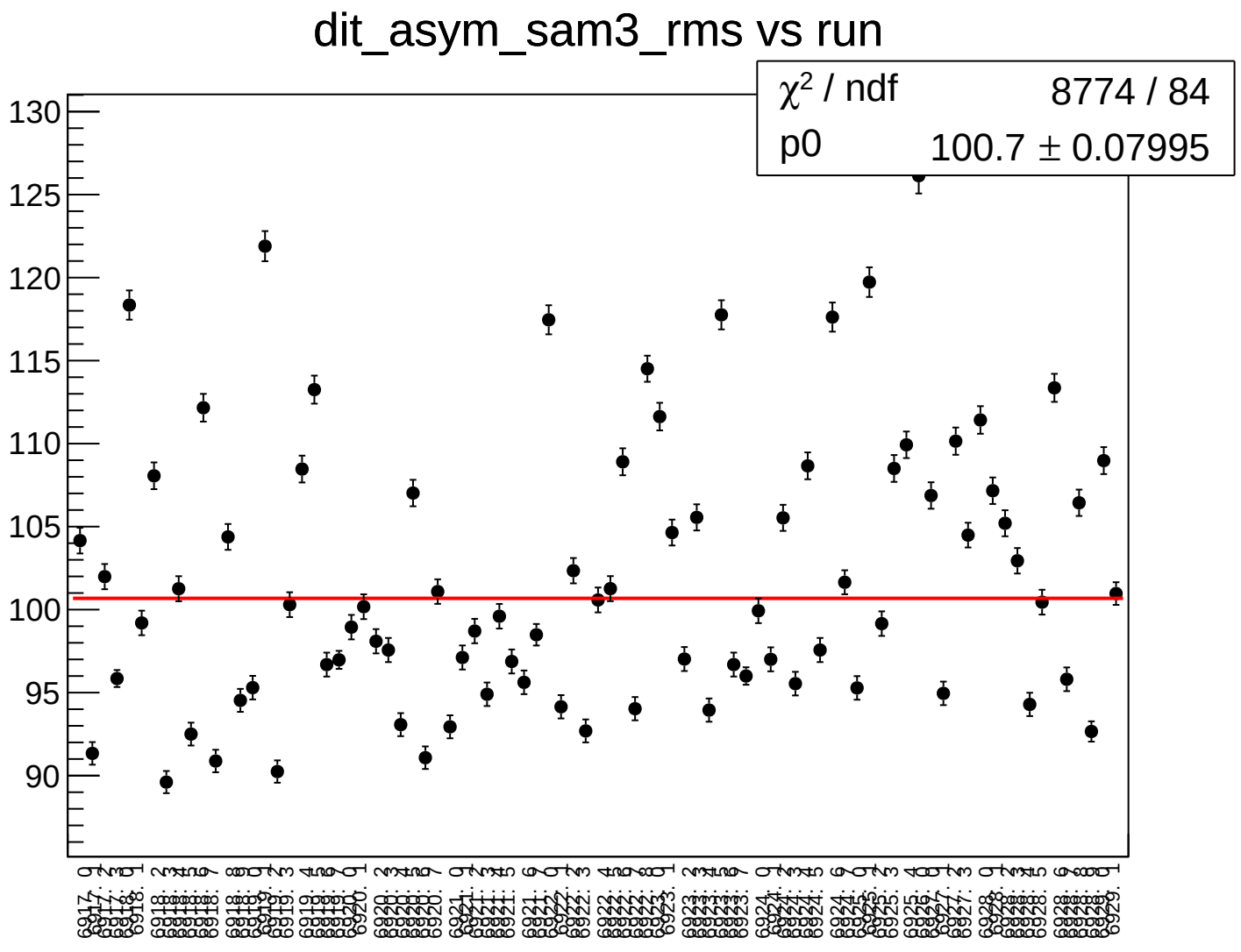

asym_sam2_mean vs run
χ² / ndf 69.26 / 84
p0 3145 ± 2474
×10³
pull
Entries 85
Mean −899.3
Std Dev 939.8

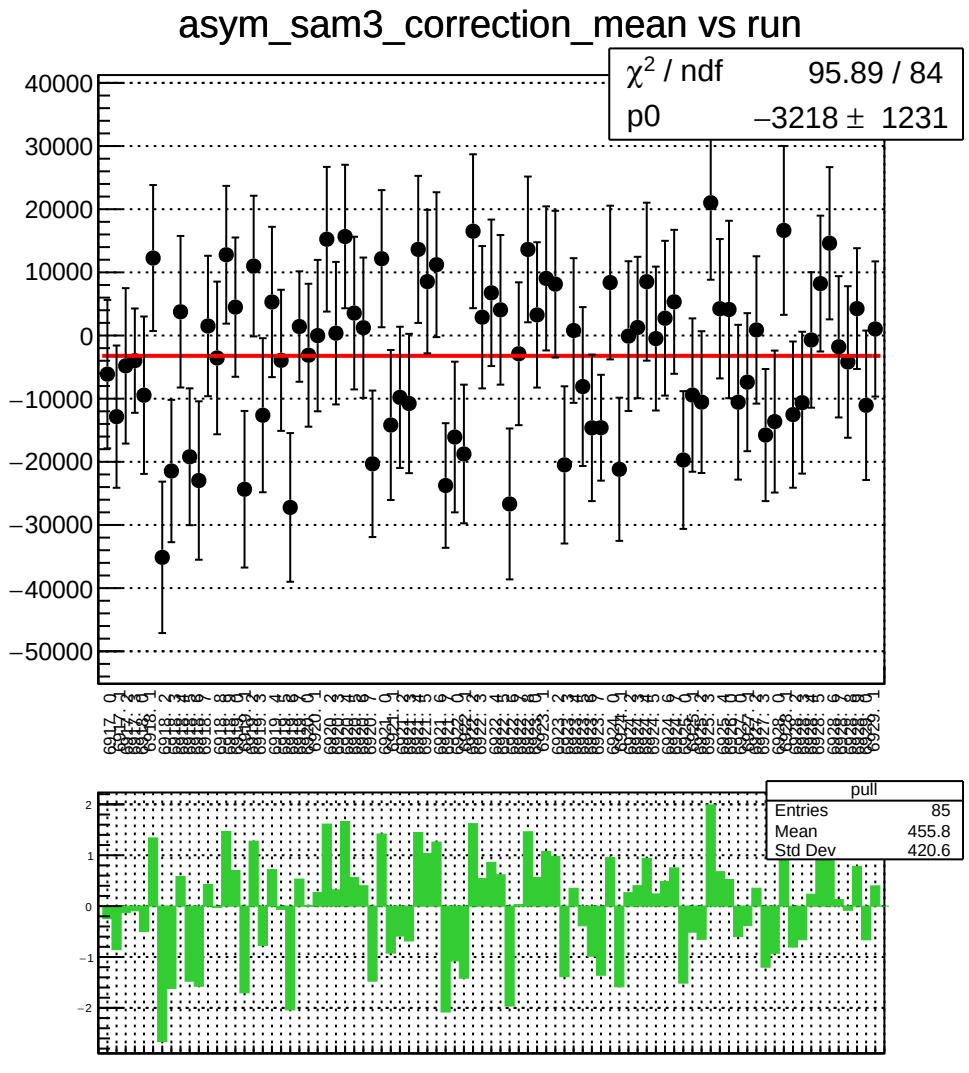

pull1D
Entries 85
Mean 0.002629
Std Dev 0.9027

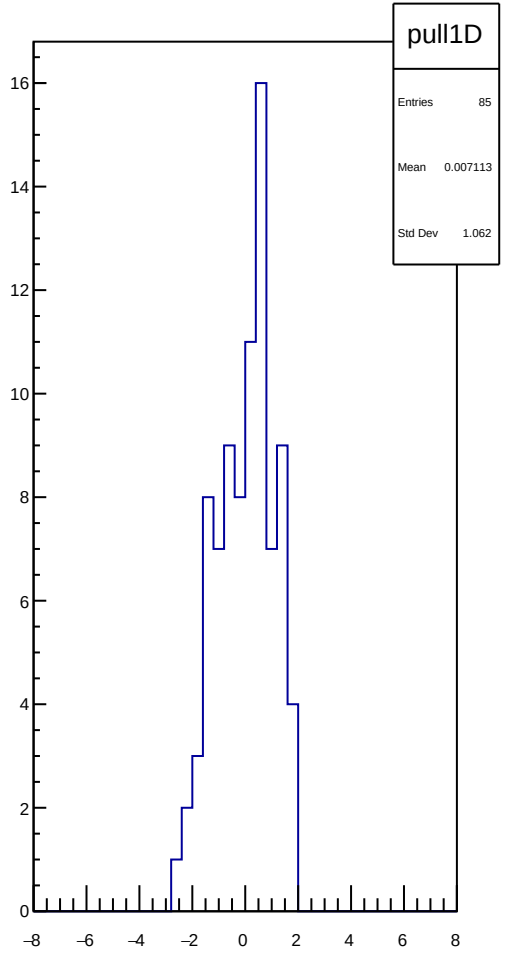

asym_sam2_rms vs run
χ² / ndf 4622 / 84
p0 2206 ± 1.749
2600
2500
2400
2300
2200
2100
2000

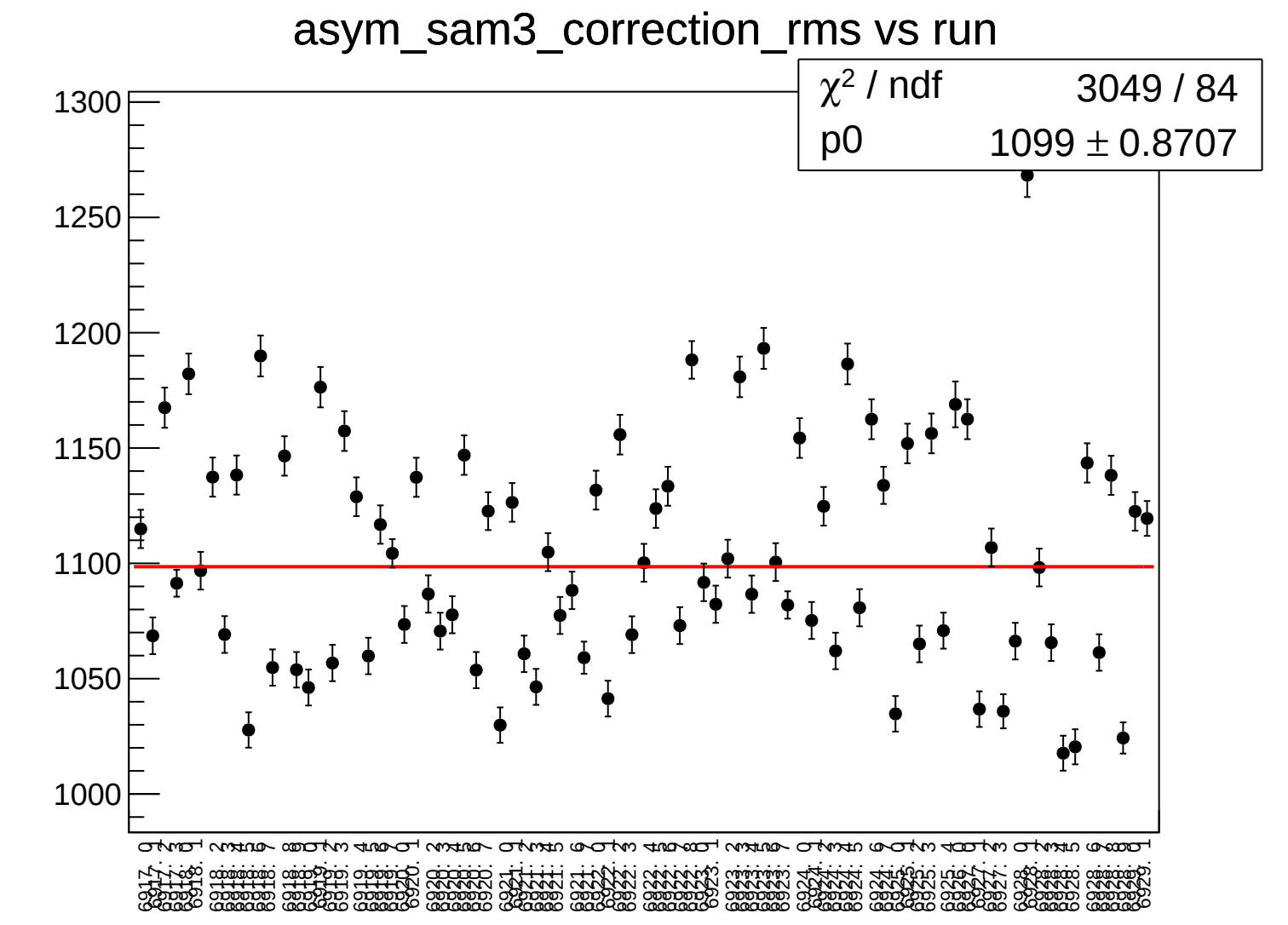

dit_asym_sam3_mean vs run
χ² / ndf 78.76 / 84
p0 48.88 ± 113.1
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
pull
Entries 85
Mean −1200
Std Dev 1244
3
2
1
0
−1
−2

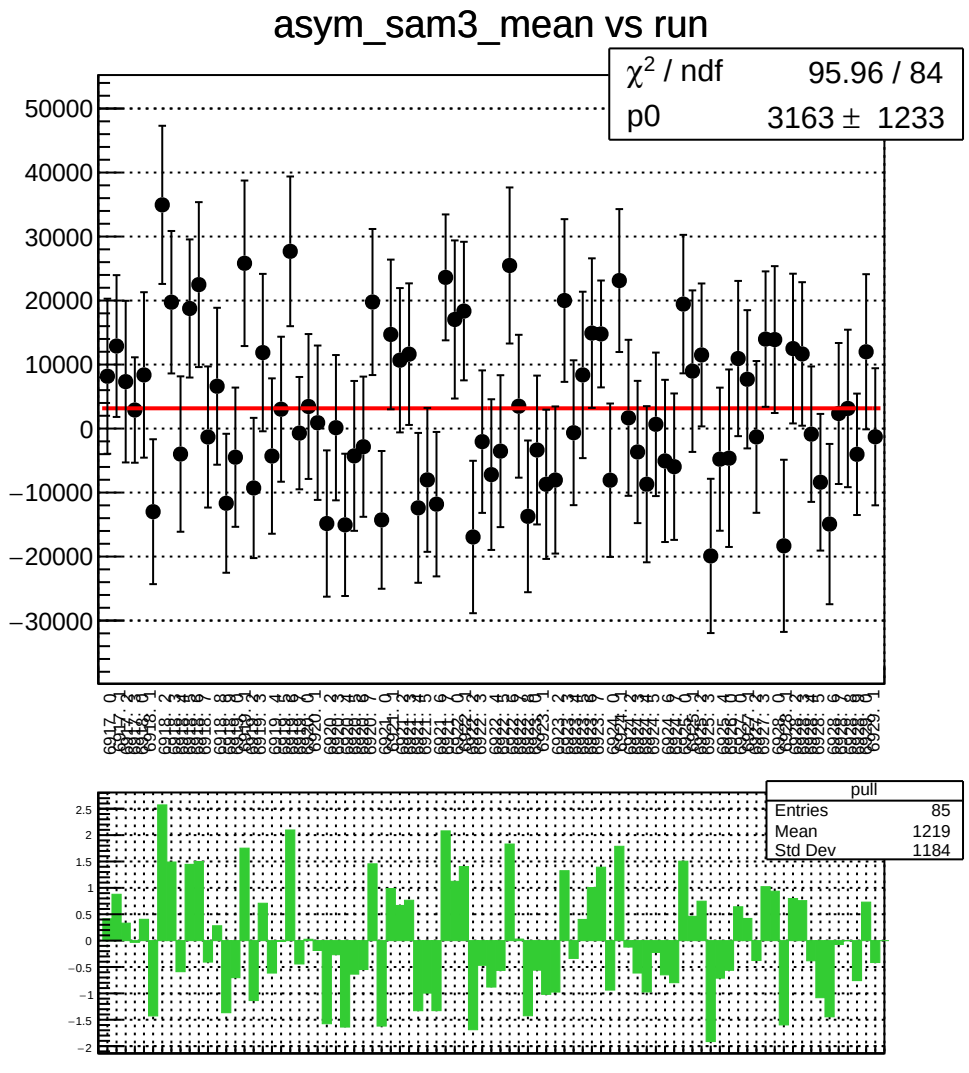

pull1D
Entries 85
Mean 0.002871
Std Dev 0.9626
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

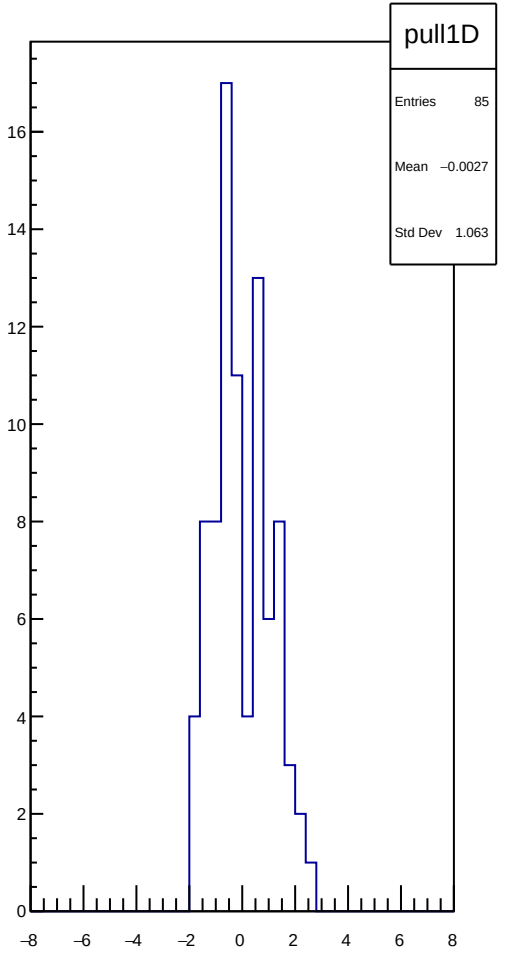

dit_asym_sam3_rms vs run
χ² / ndf 8774 / 84
p0 100.7 ± 0.07995
130
125
120
115
110
105
100
95
90

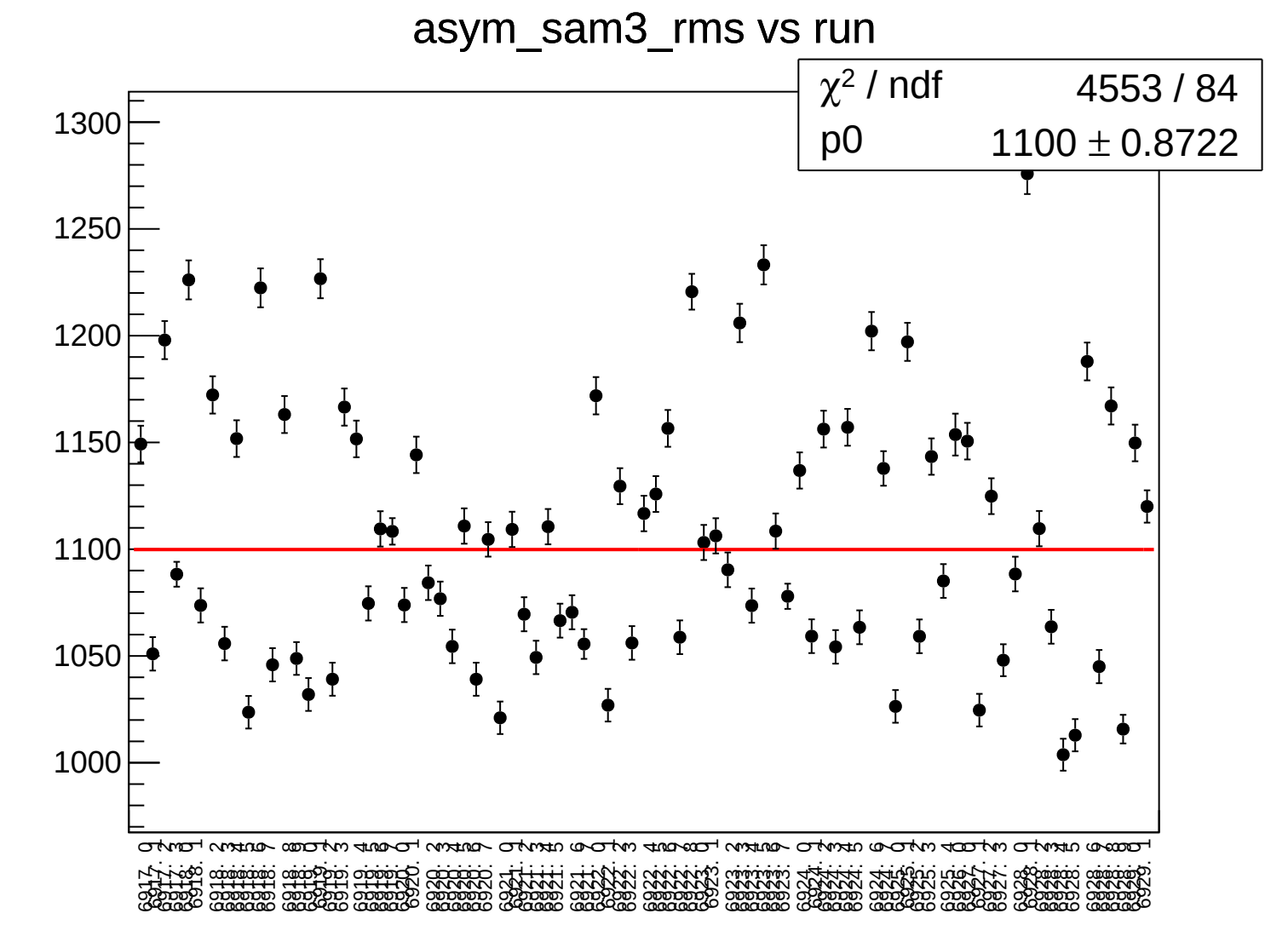

asym_sam3_correction_mean vs run
χ² / ndf 95.89 / 84
p0 −3218 ± 1231
pull
Entries 85
Mean 455.8
Std Dev 420.6

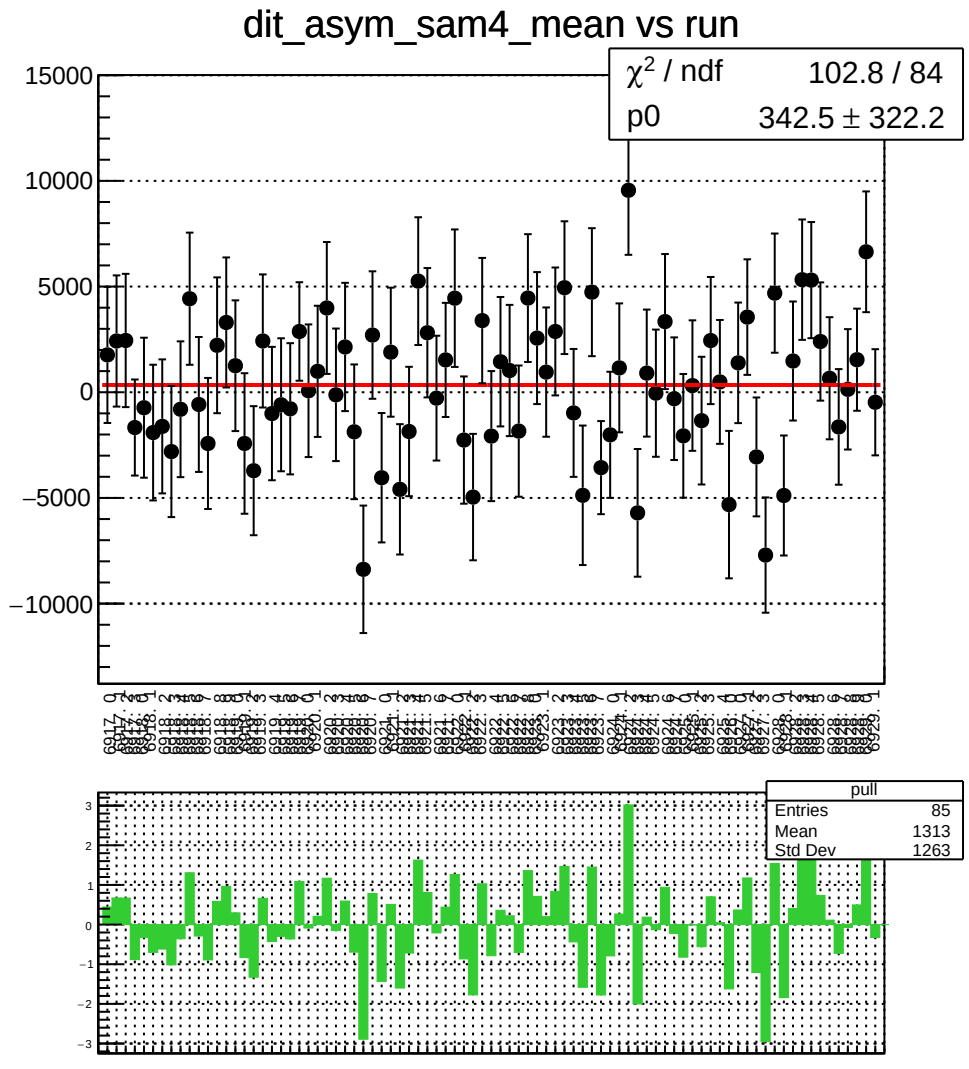

pull1D
Entries 85
Mean 0.007113
Std Dev 1.062

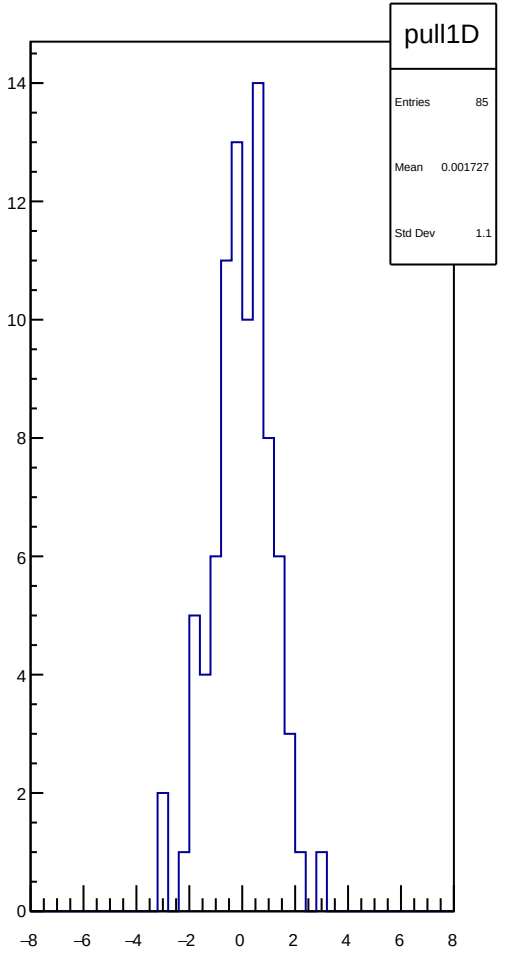

asym_sam3_correction_rms vs run
χ² / ndf 3049 / 84
p0 1099 ± 0.8707
1300
1250
1200
1150
1100
1050
1000

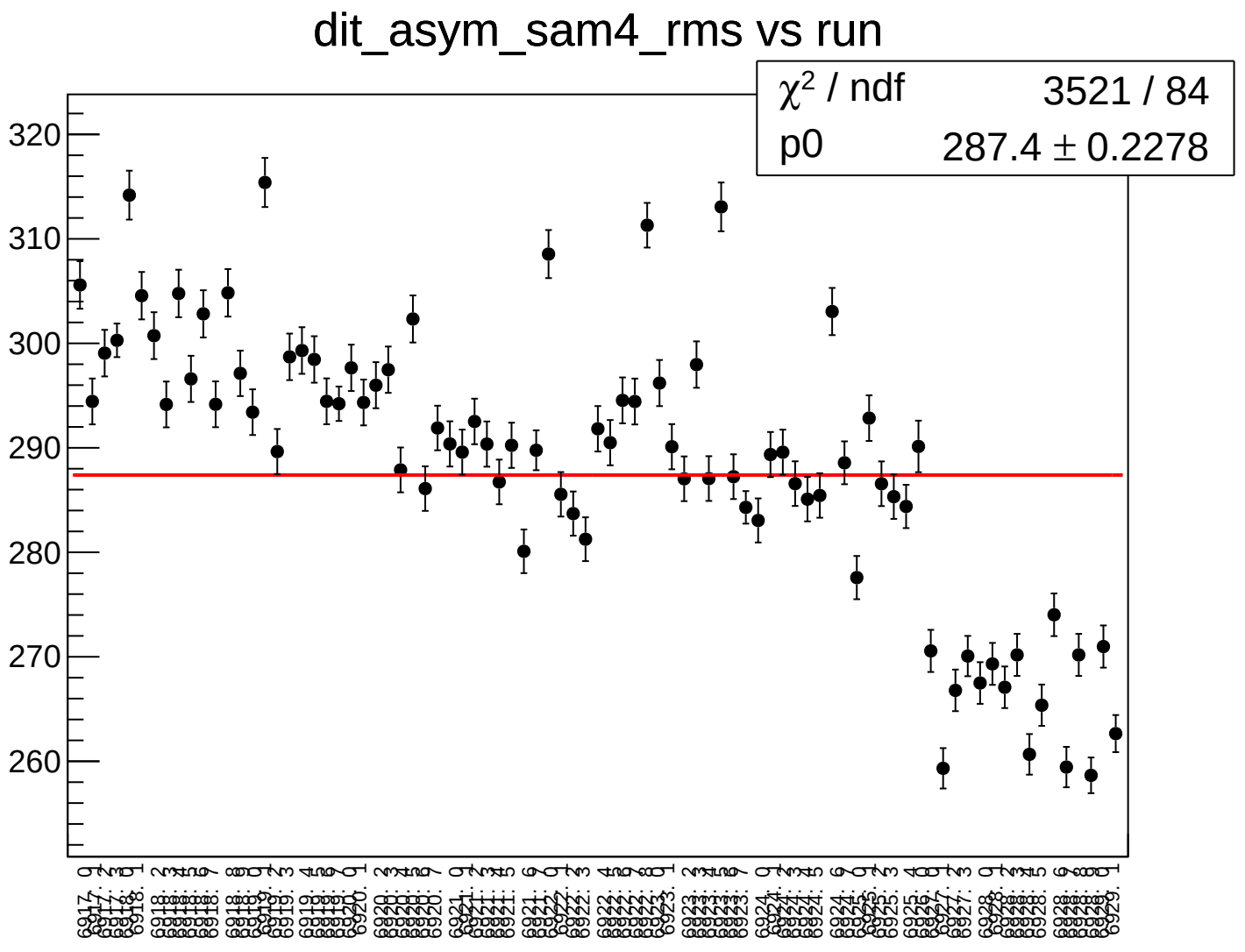

asym_sam3_mean vs run
χ² / ndf 95.96 / 84
p0 3163 ± 1233
pull
Entries 85
Mean 1219
Std Dev 1184

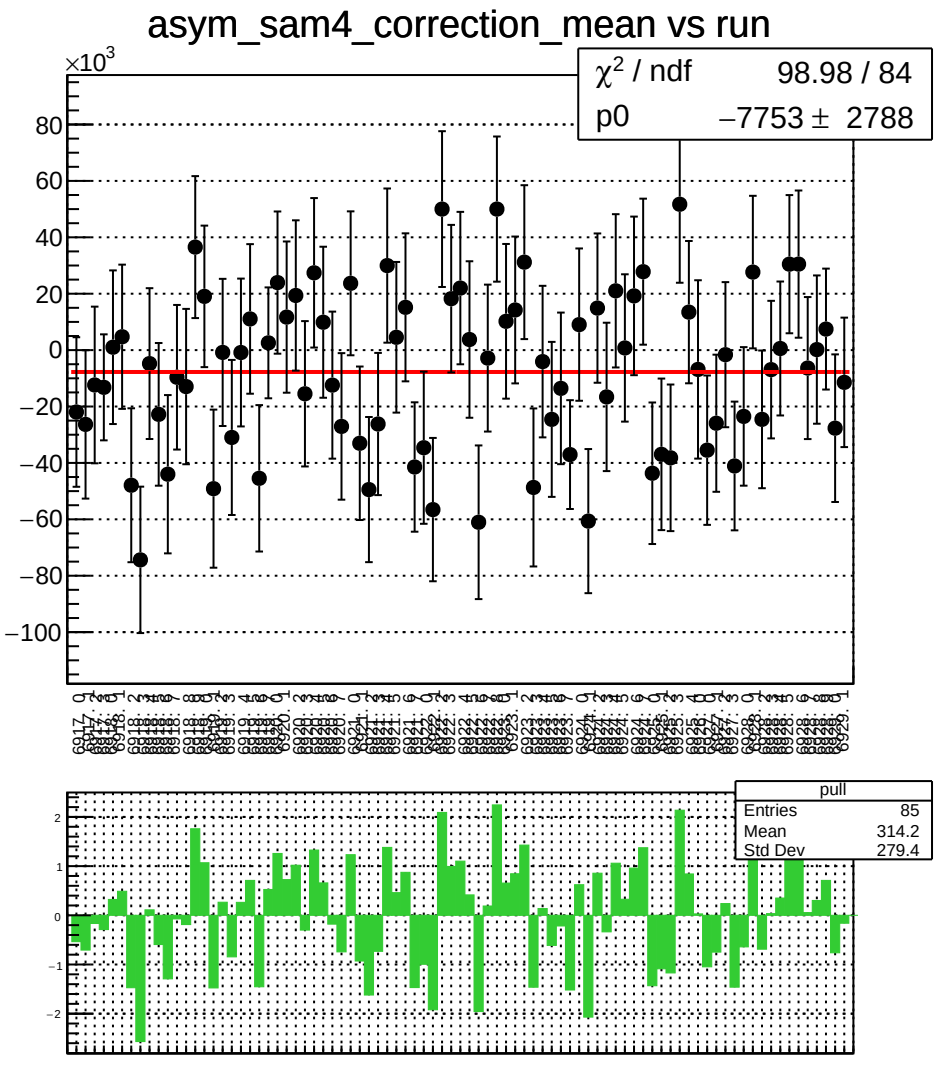

pull1D
Entries 85
Mean −0.0027
Std Dev 1.063

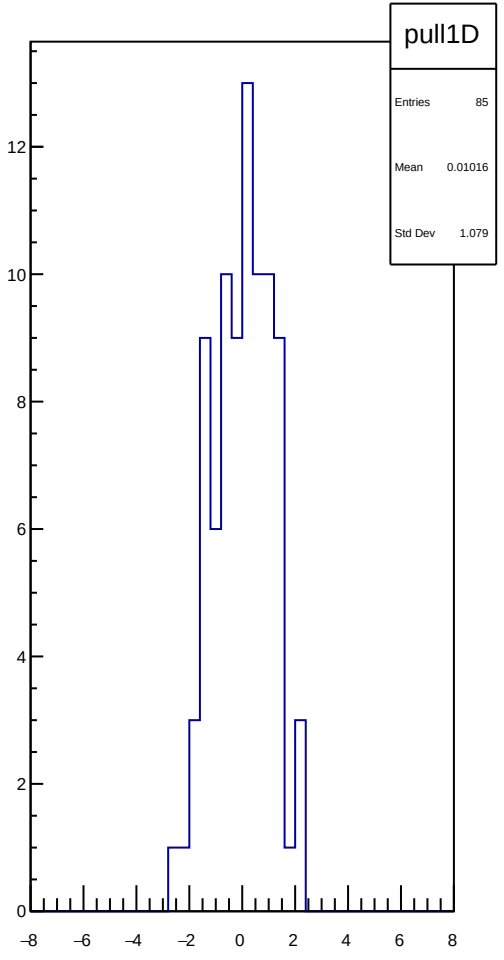

asym_sam3_rms vs run
χ² / ndf 4553 / 84
p0 1100 ± 0.8722
1300
1250
1200
1150
1100
1050
1000

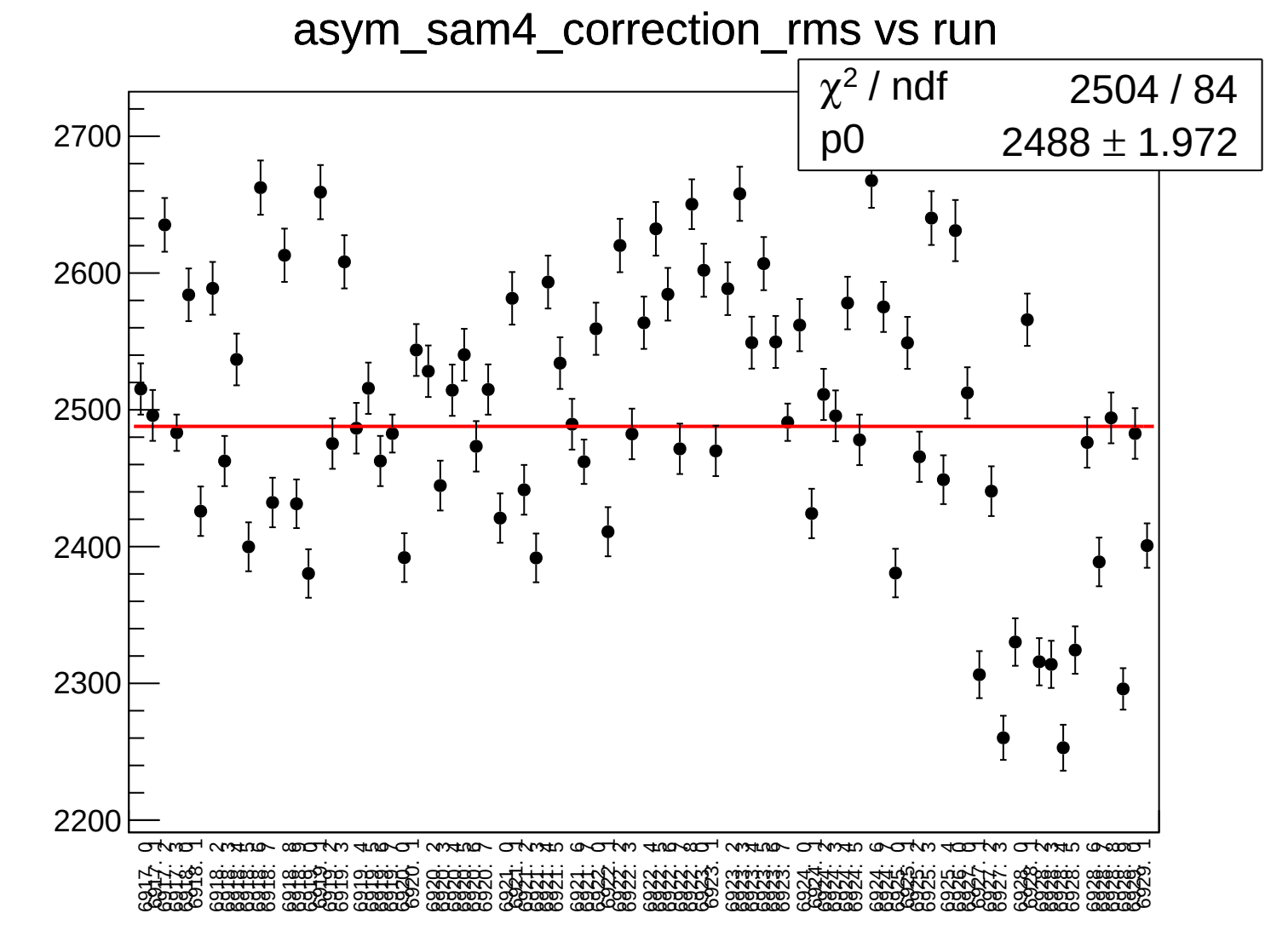

dit_asym_sam4_mean vs run
χ² / ndf 102.8 / 84
p0 342.5 ± 322.2
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 1313
Std Dev 1263
3
2
1
0
−1
−2
−3

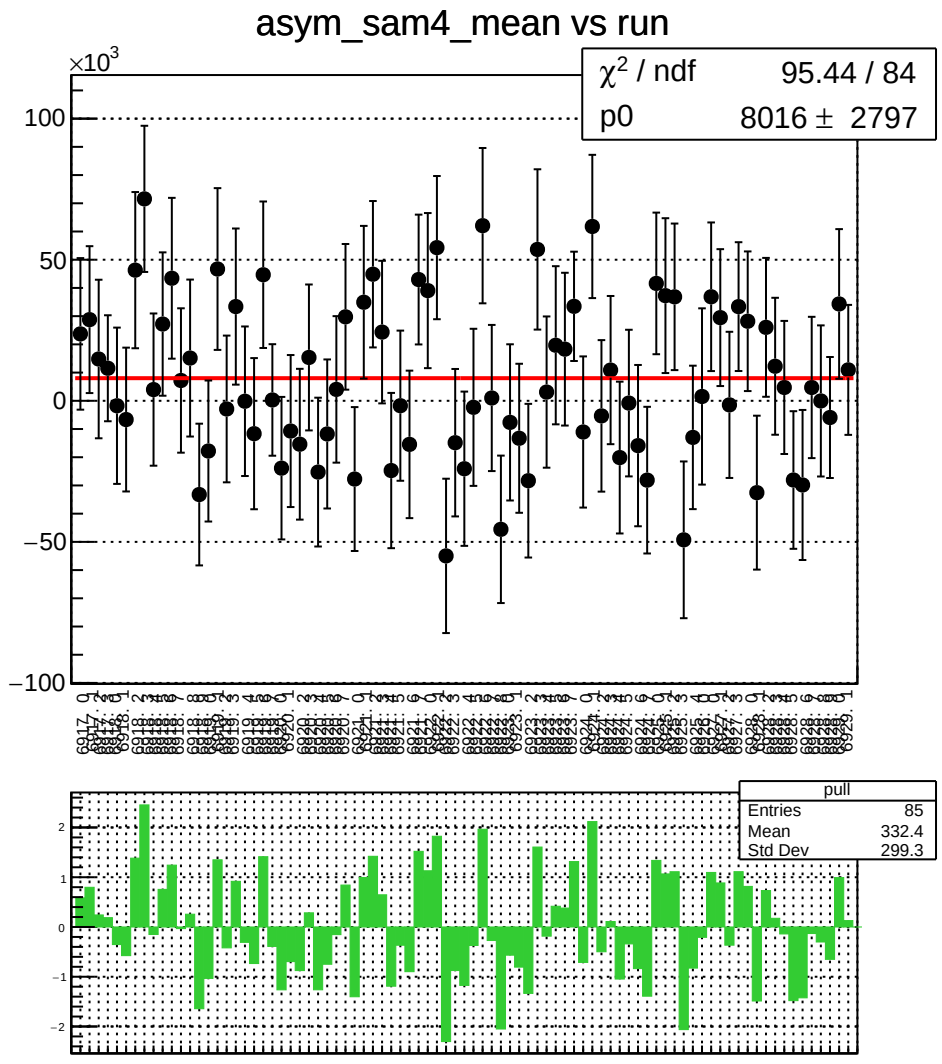

pull1D
Entries 85
Mean 0.001727
Std Dev 1.1
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

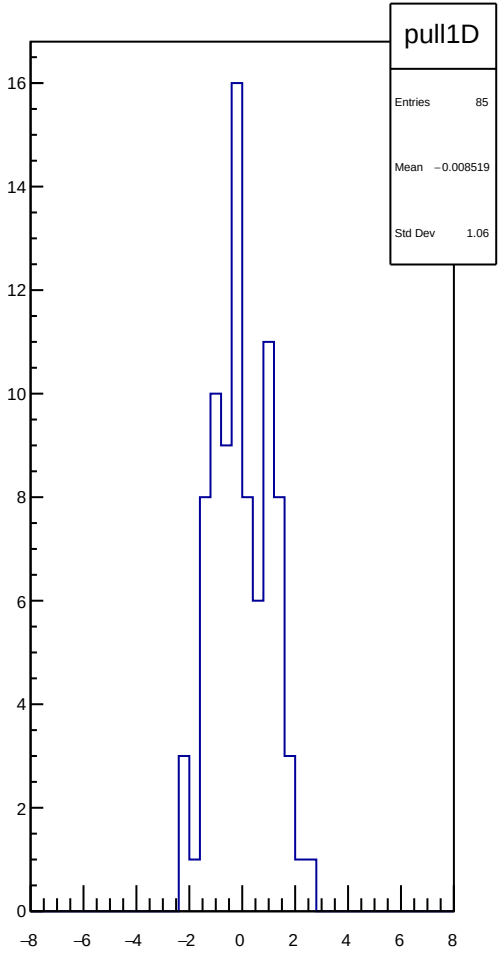

dit_asym_sam4_rms vs run
χ² / ndf 3521 / 84
p0 287.4 ± 0.2278
320
310
300
290
280
270
260

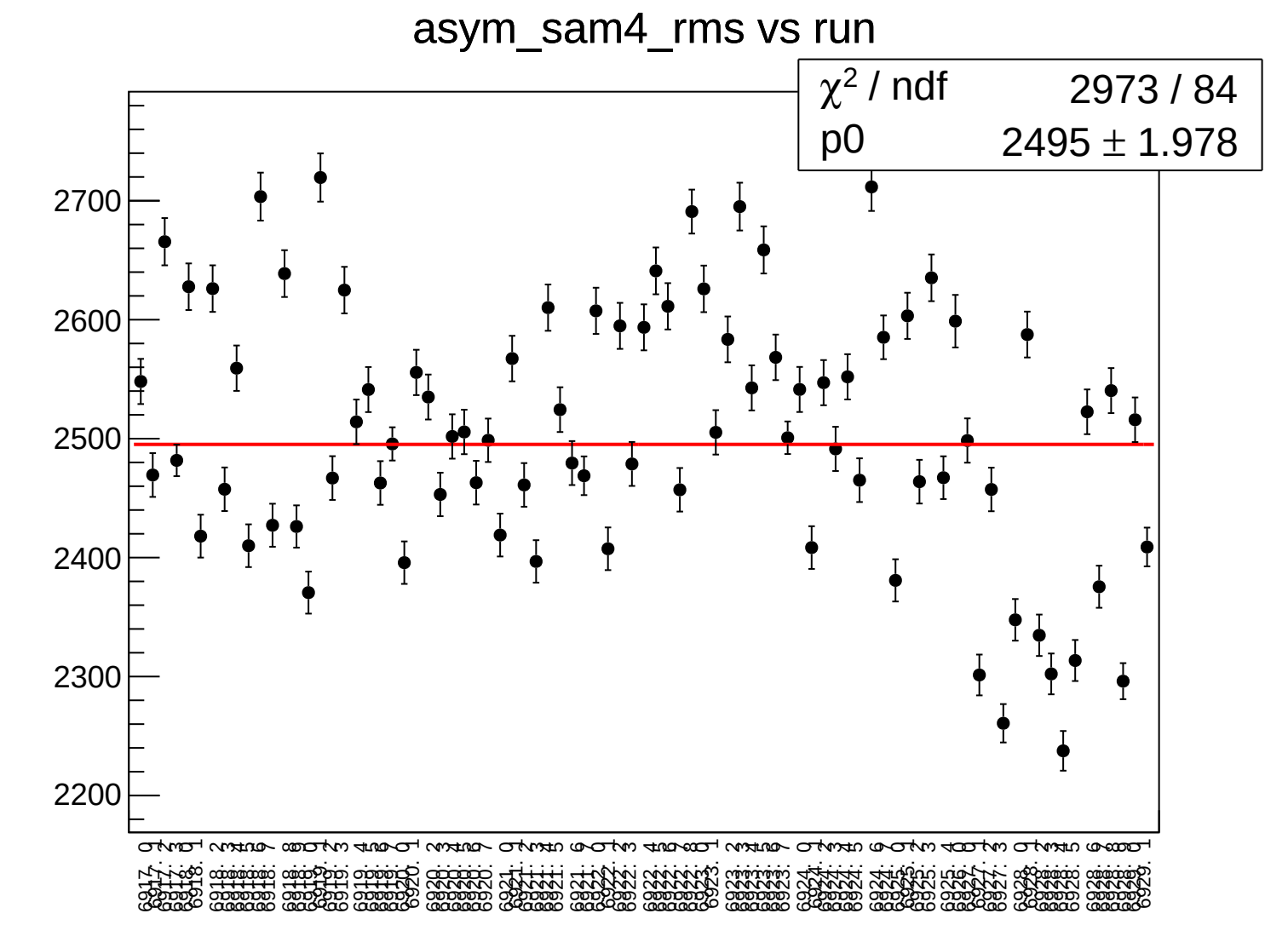

asym_sam4_correction_mean vs run
×10^3
χ² / ndf 98.98 / 84
p0 −7753 ± 2788
pull
Entries 85
Mean 314.2
Std Dev 279.4

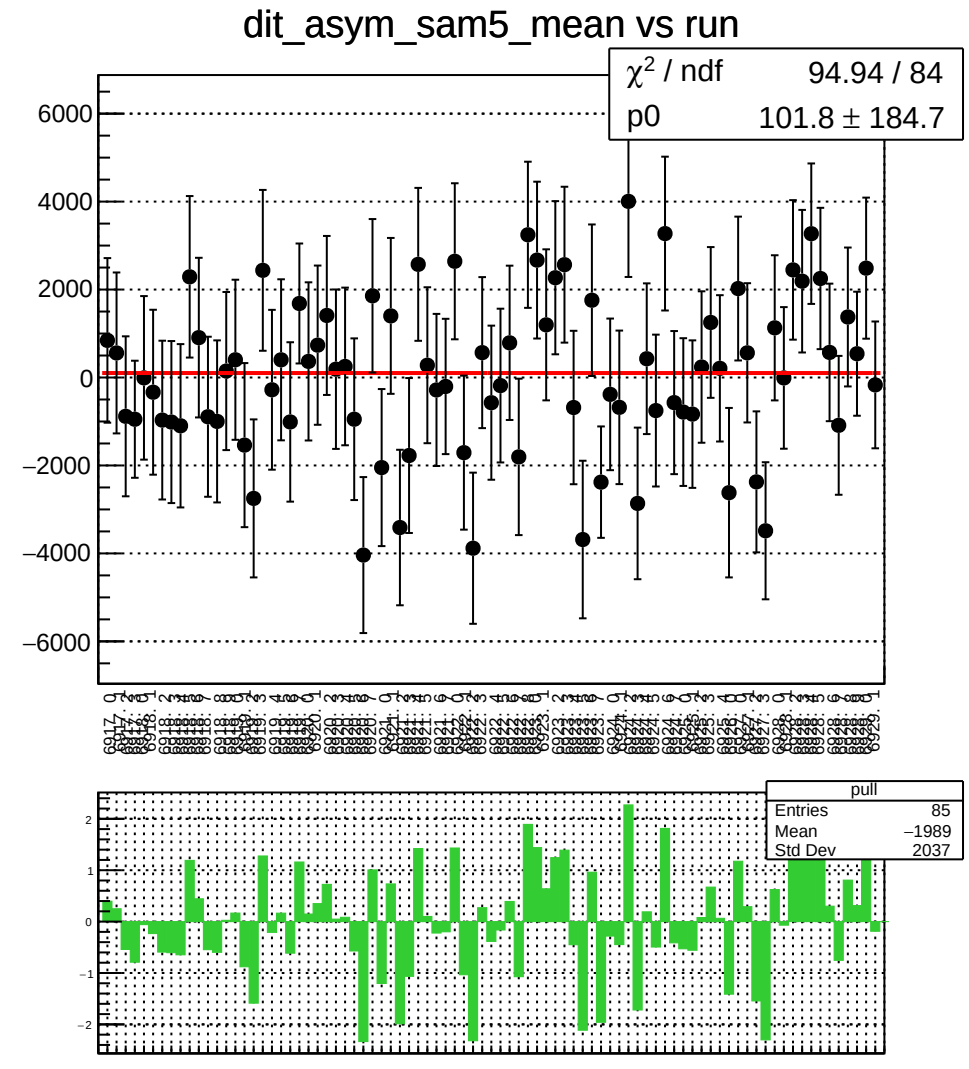

pull1D
Entries 85
Mean 0.01016
Std Dev 1.079

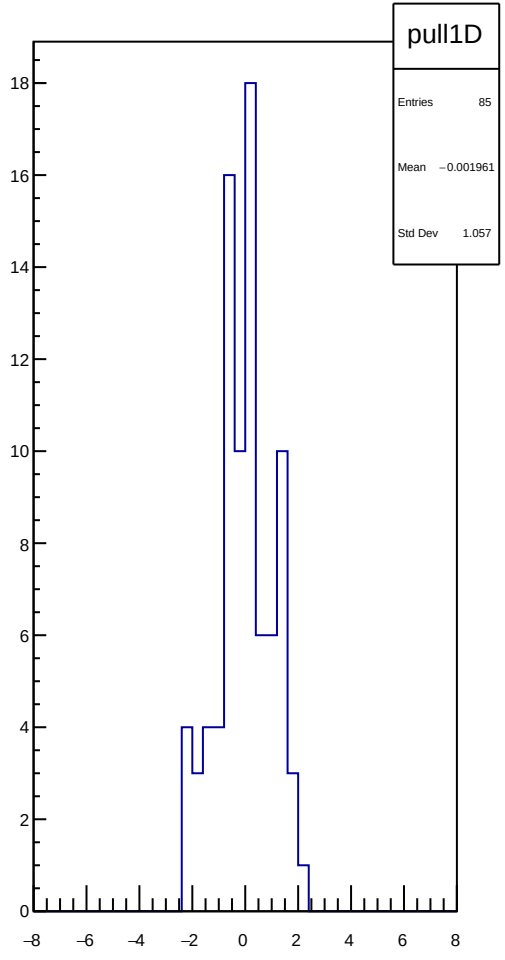

asym_sam4_correction_rms vs run
χ² / ndf 2504 / 84
p0 2488 ± 1.972
2700
2600
2500
2400
2300
2200

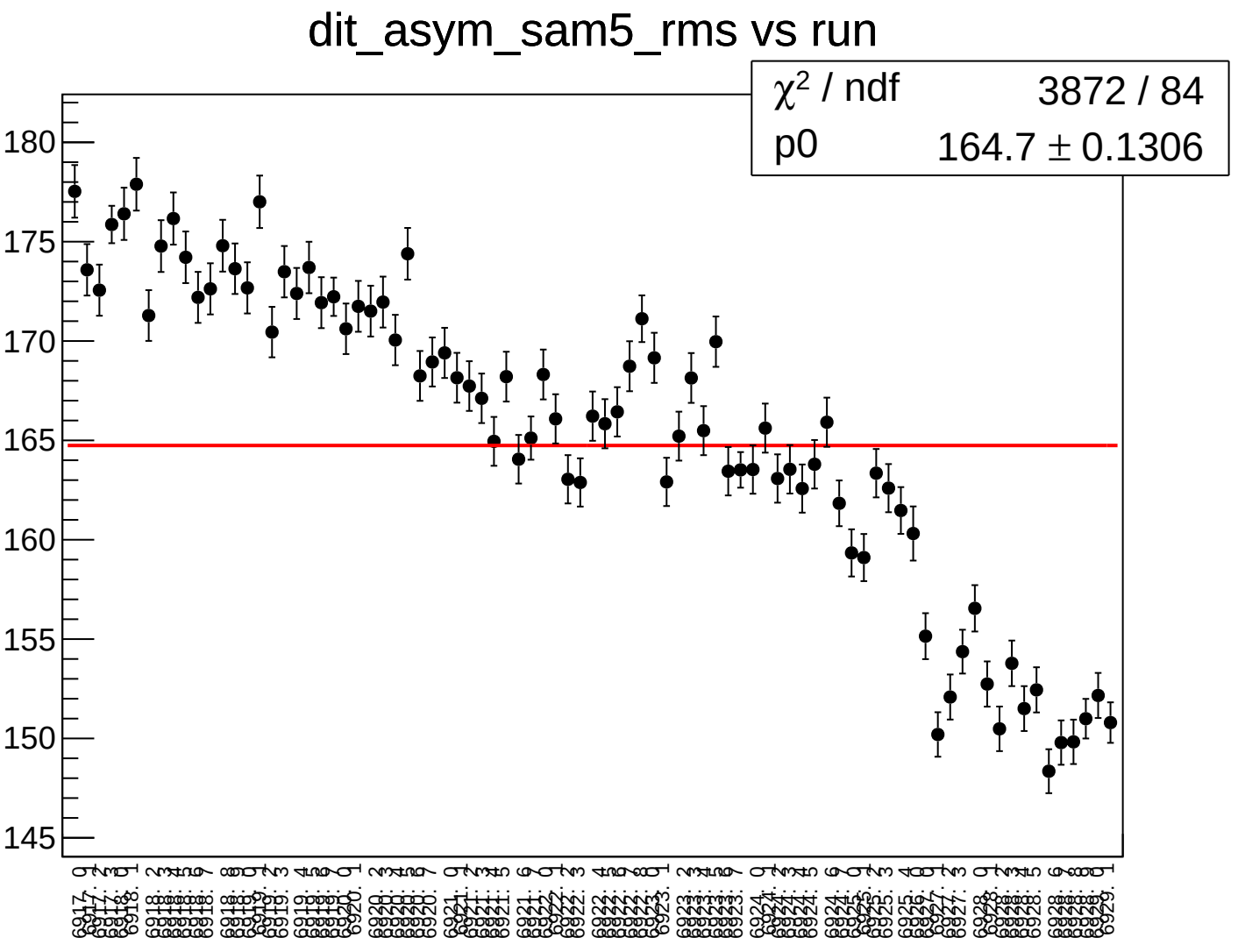

asym_sam4_mean vs run
χ² / ndf 95.44 / 84
p0 8016 ± 2797
×10³
pull
Entries 85
Mean 332.4
Std Dev 299.3

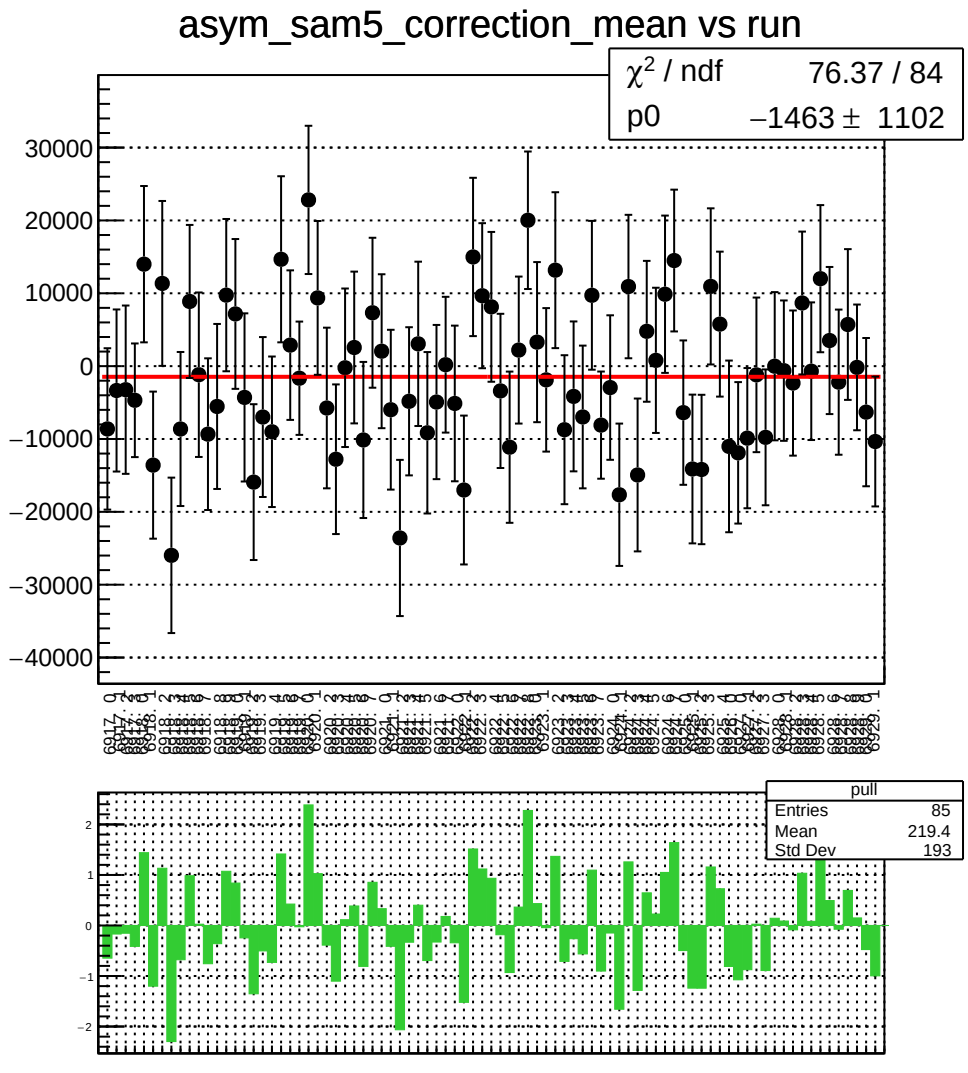

pull1D
Entries 85
Mean −0.008519
Std Dev 1.06

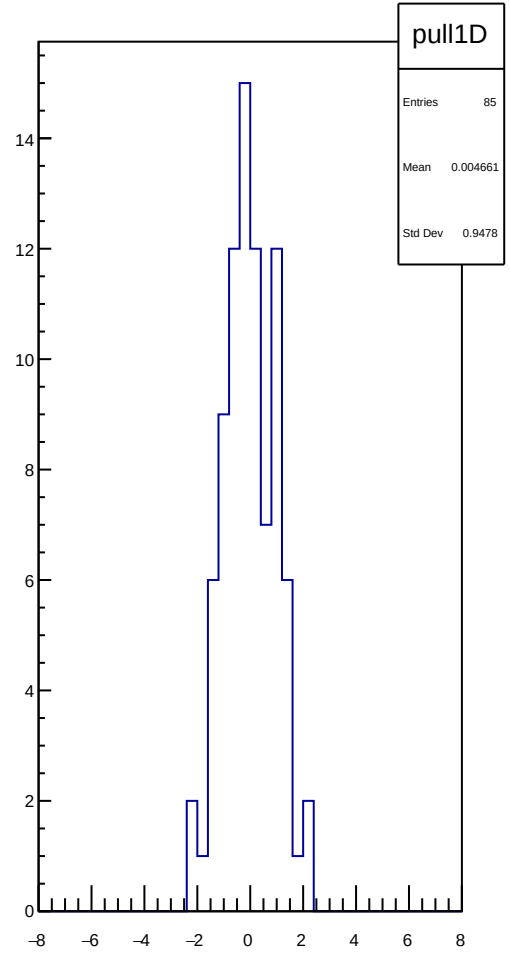

asym_sam4_rms vs run
χ^2 / ndf 2973 / 84
p0 2495 ± 1.978
2700
2600
2500
2400
2300
2200

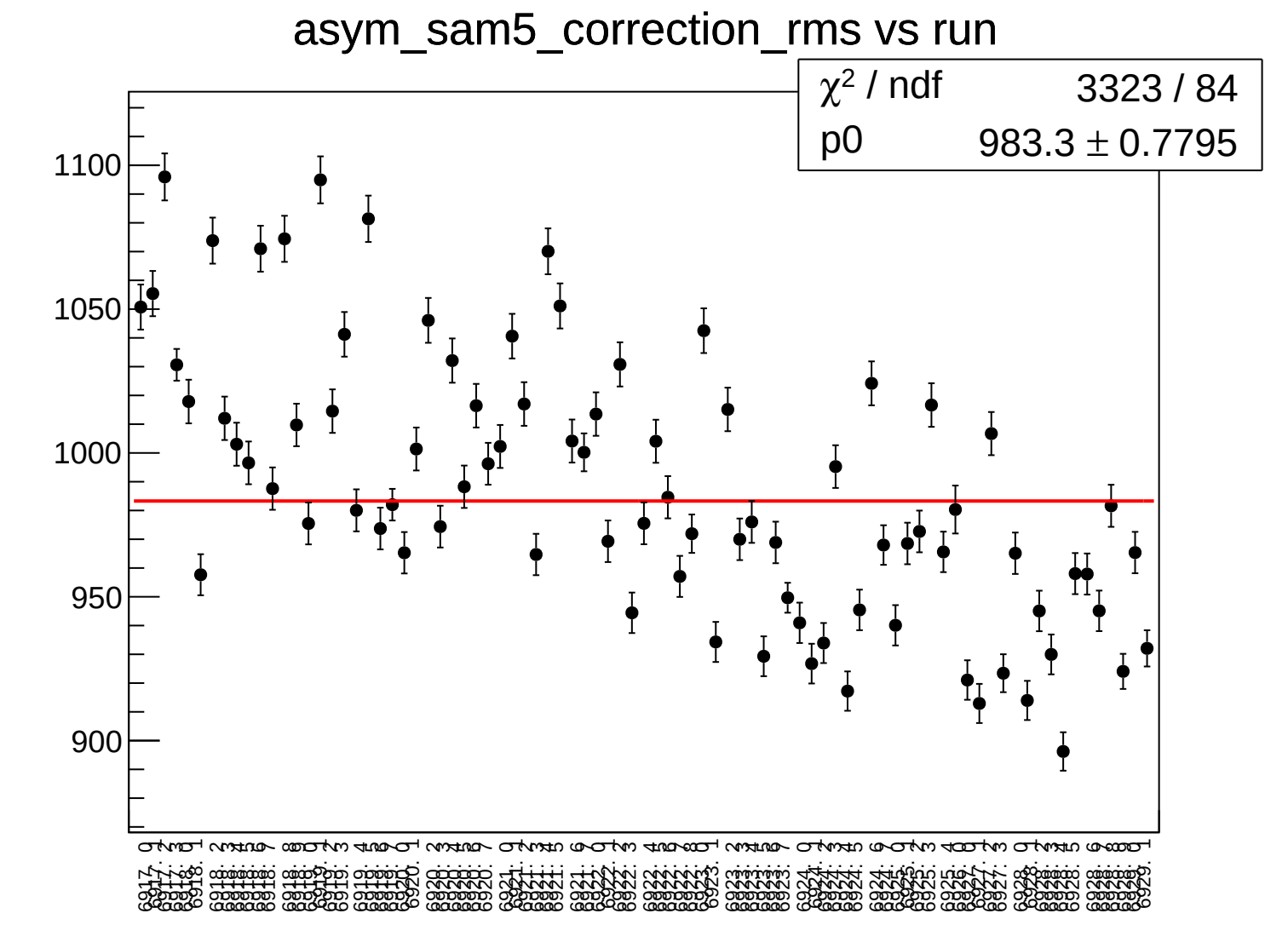

dit_asym_sam5_mean vs run
χ² / ndf 94.94 / 84
p0 101.8 ± 184.7
6000
4000
2000
0
−2000
−4000
−6000
pull
Entries 85
Mean −1989
Std Dev 2037
2
1
0
−1
−2

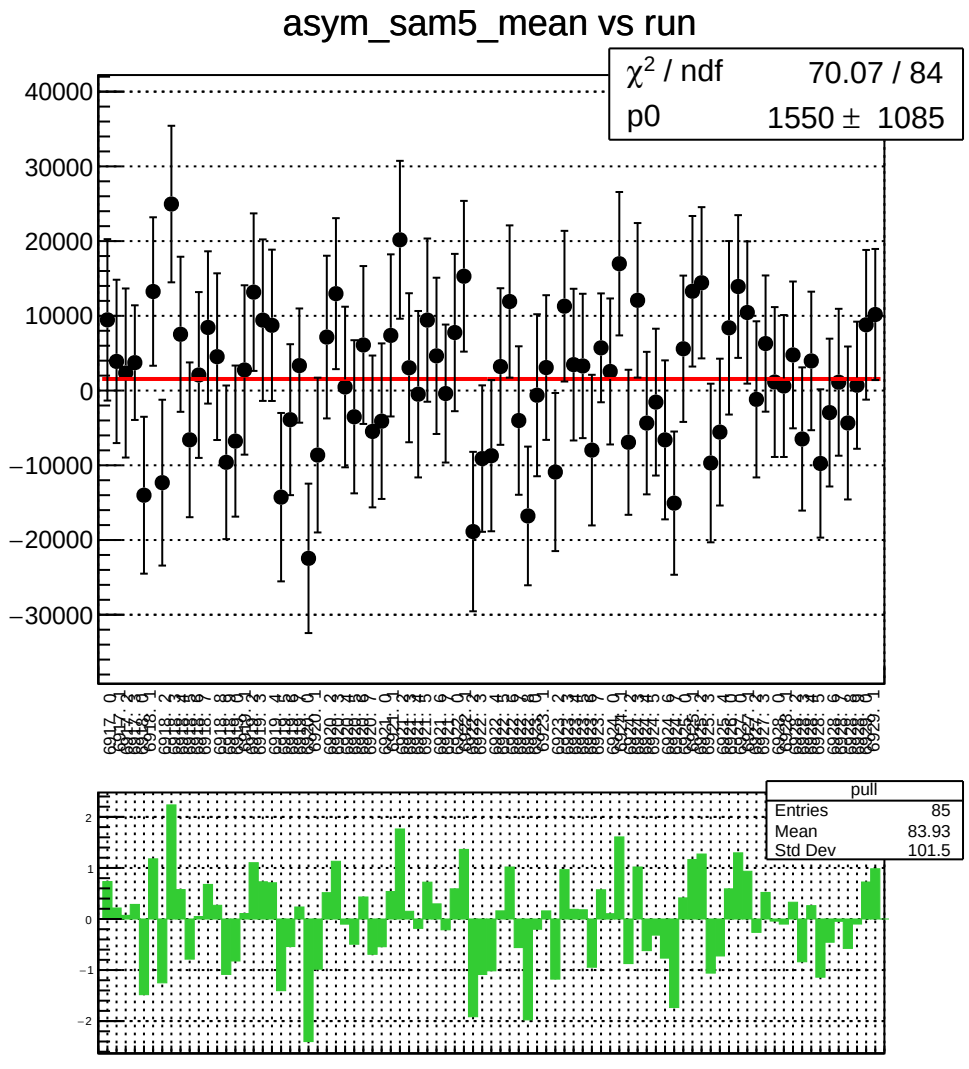

pull1D
Entries 85
Mean −0.001961
Std Dev 1.057
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

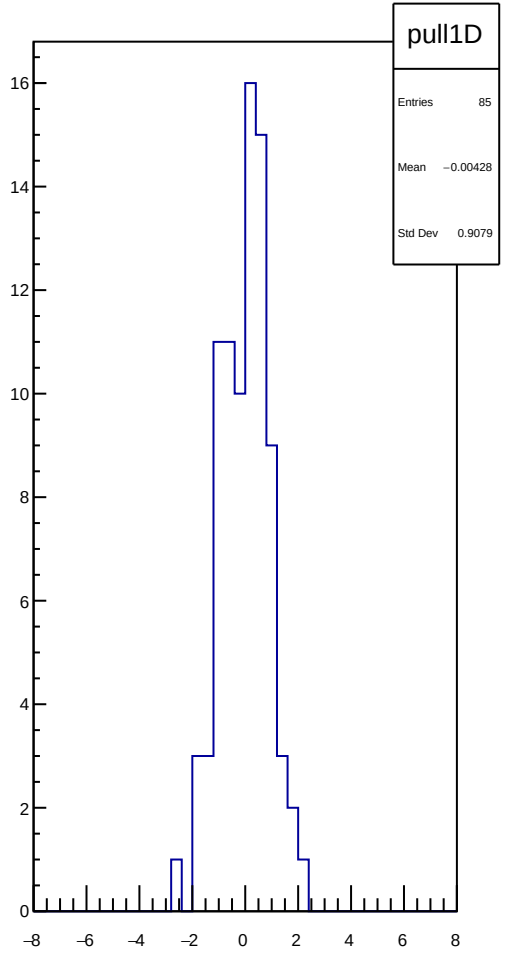

dit_asym_sam5_rms vs run
χ² / ndf 3872 / 84
p0 164.7 ± 0.1306
180
175
170
165
160
155
150
145

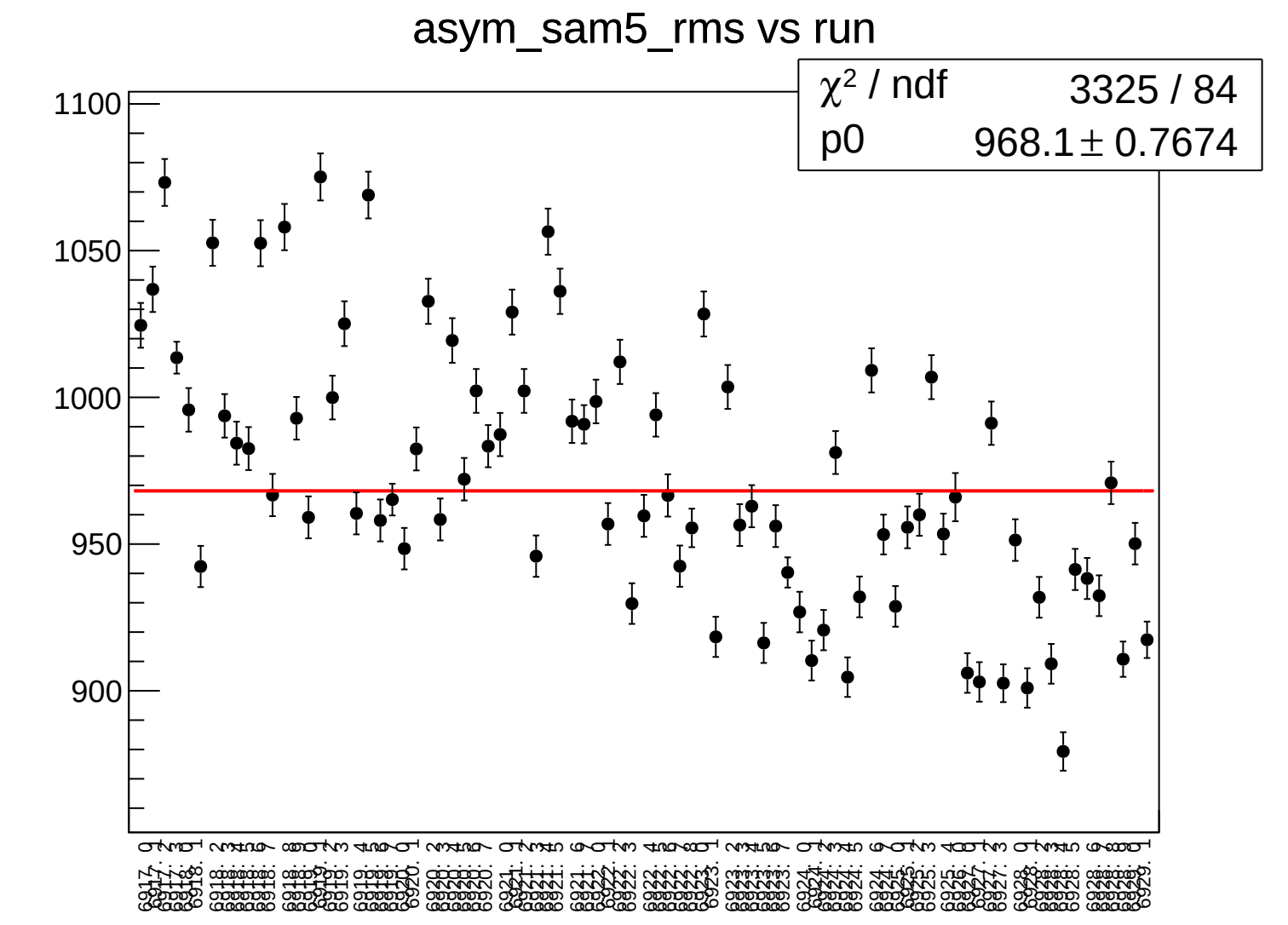

asym_sam5_correction_mean vs run
χ² / ndf 76.37 / 84
p0 −1463 ± 1102
pull
Entries 85
Mean 219.4
Std Dev 193

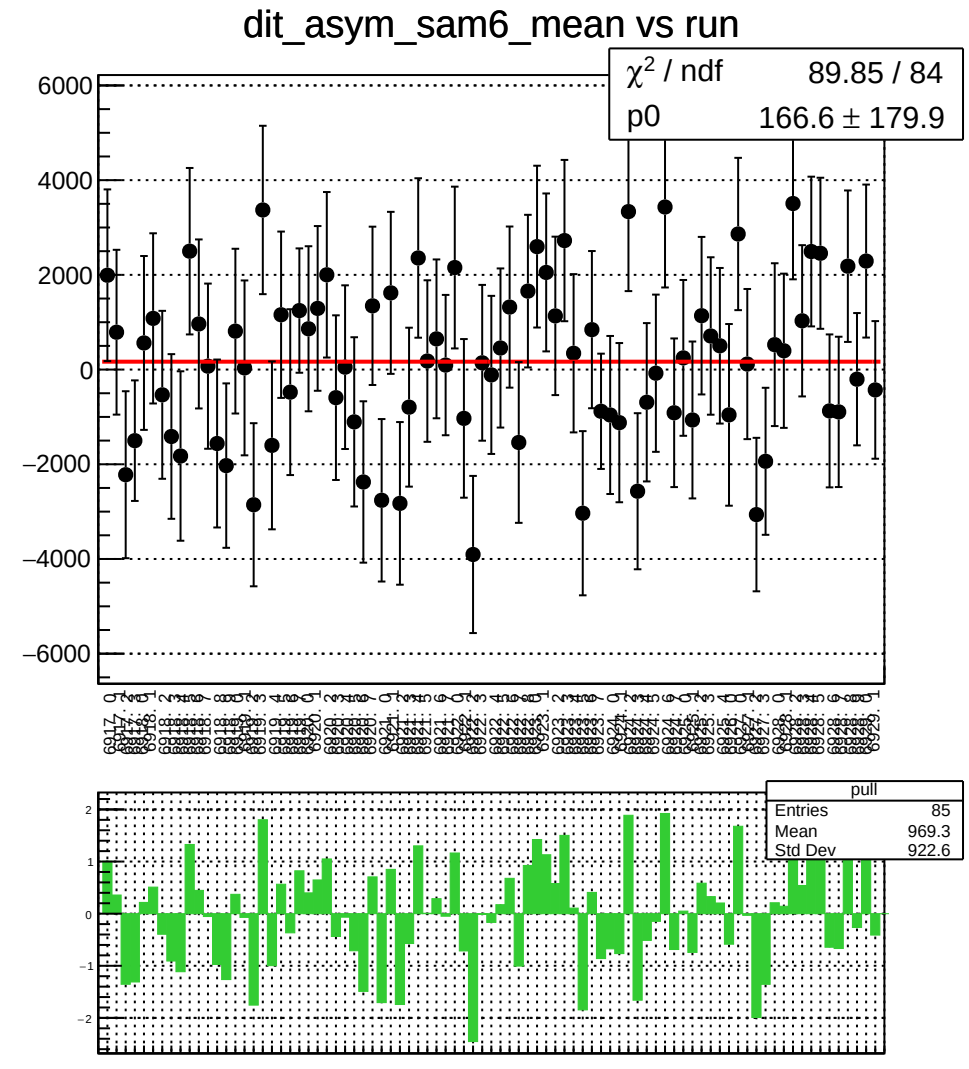

pull1D
Entries 85
Mean 0.004661
Std Dev 0.9478

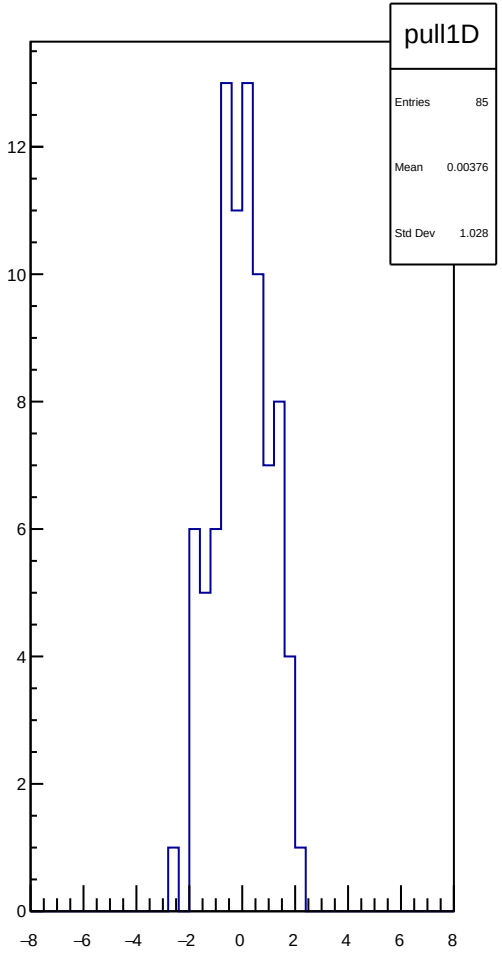

asym_sam5_correction_rms vs run
χ² / ndf 3323 / 84
p0 983.3 ± 0.7795
1100
1050
1000
950
900

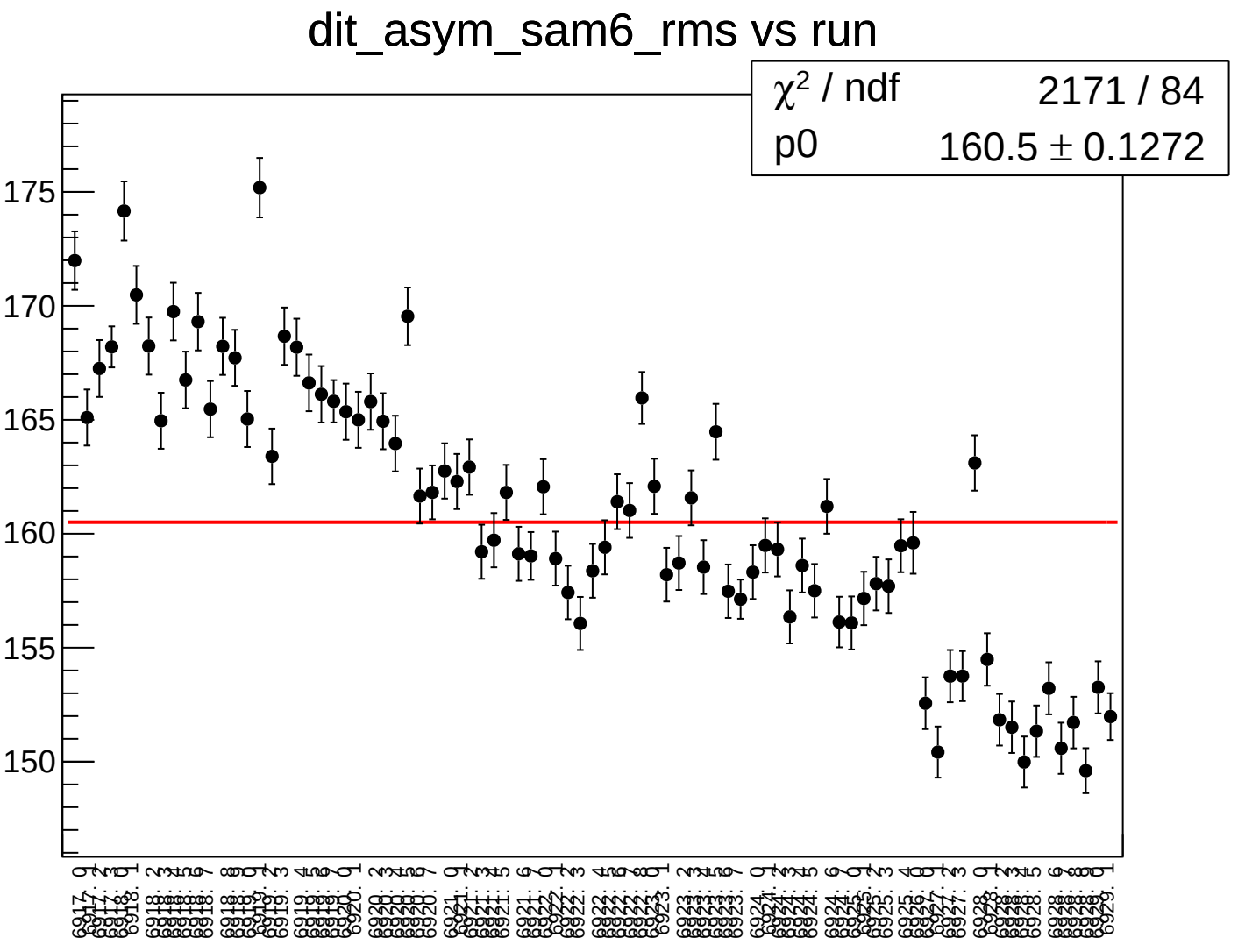

asym_sam5_mean vs run
χ² / ndf 70.07 / 84
p0 1550 ± 1085
pull
Entries 85
Mean 83.93
Std Dev 101.5

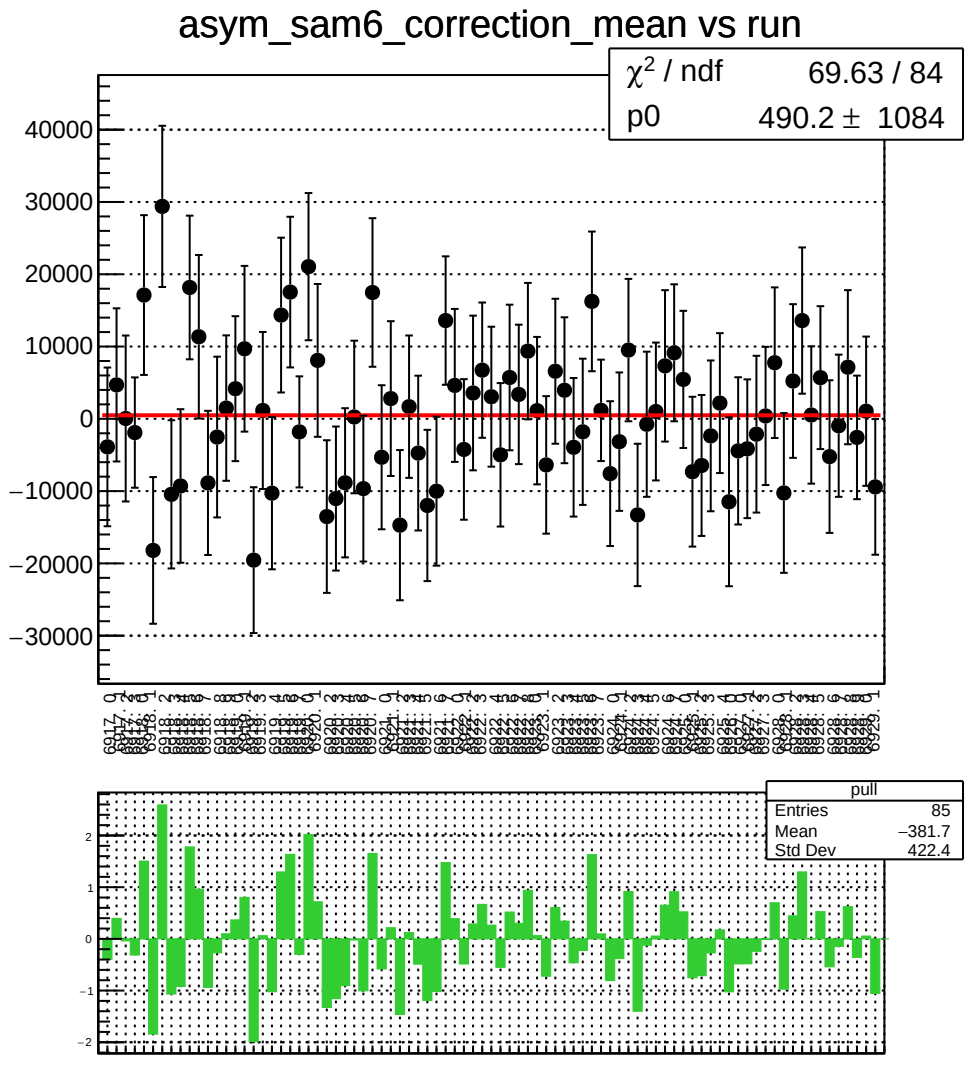

pull1D
Entries 85
Mean −0.00428
Std Dev 0.9079

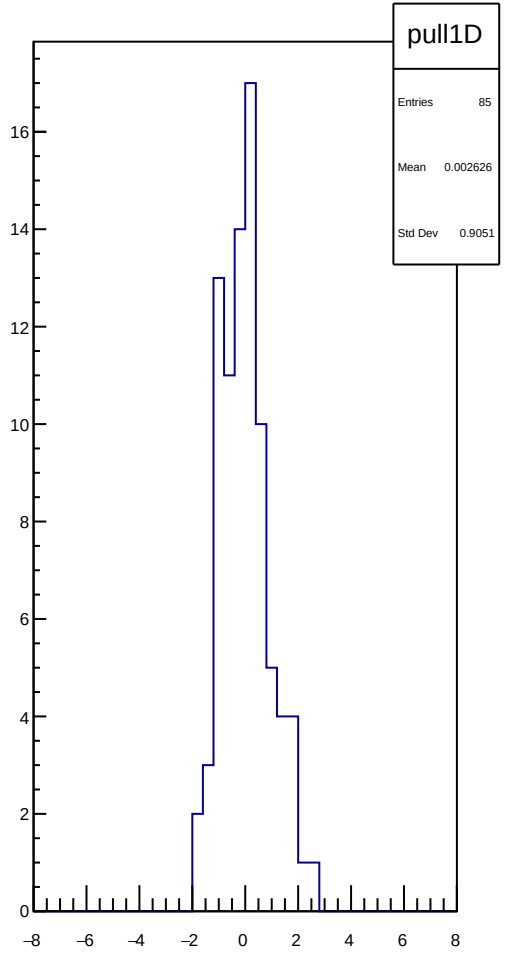

asym_sam5_rms vs run
χ² / ndf 3325 / 84
p0 968.1 ± 0.7674
1100
1050
1000
950
900

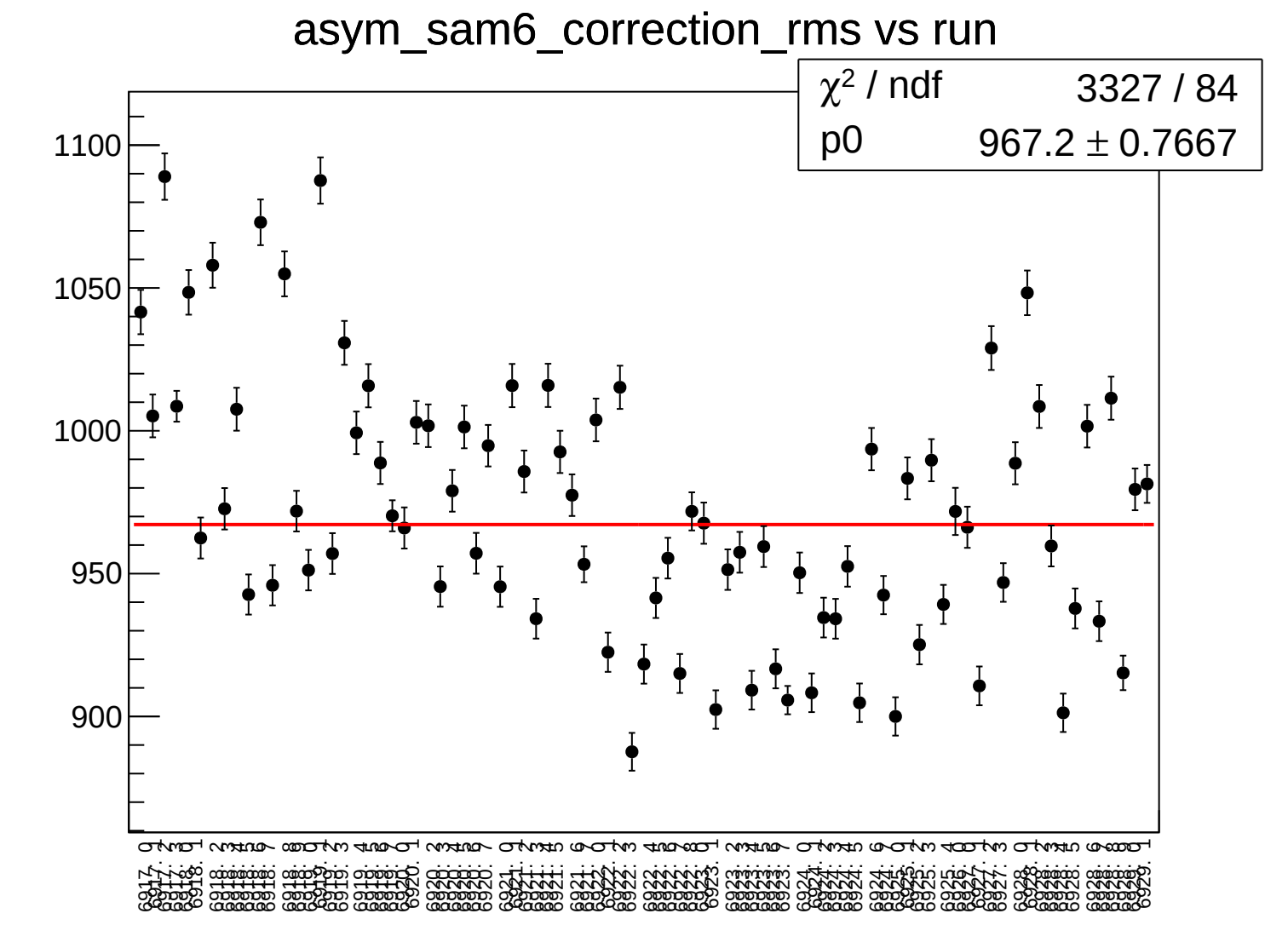

dit_asym_sam6_mean vs run
χ^2 / ndf 89.85 / 84
p0 166.6 ± 179.9
6000
4000
2000
0
−2000
−4000
−6000
pull
Entries 85
Mean 969.3
Std Dev 922.6
2
1
0
−1
−2

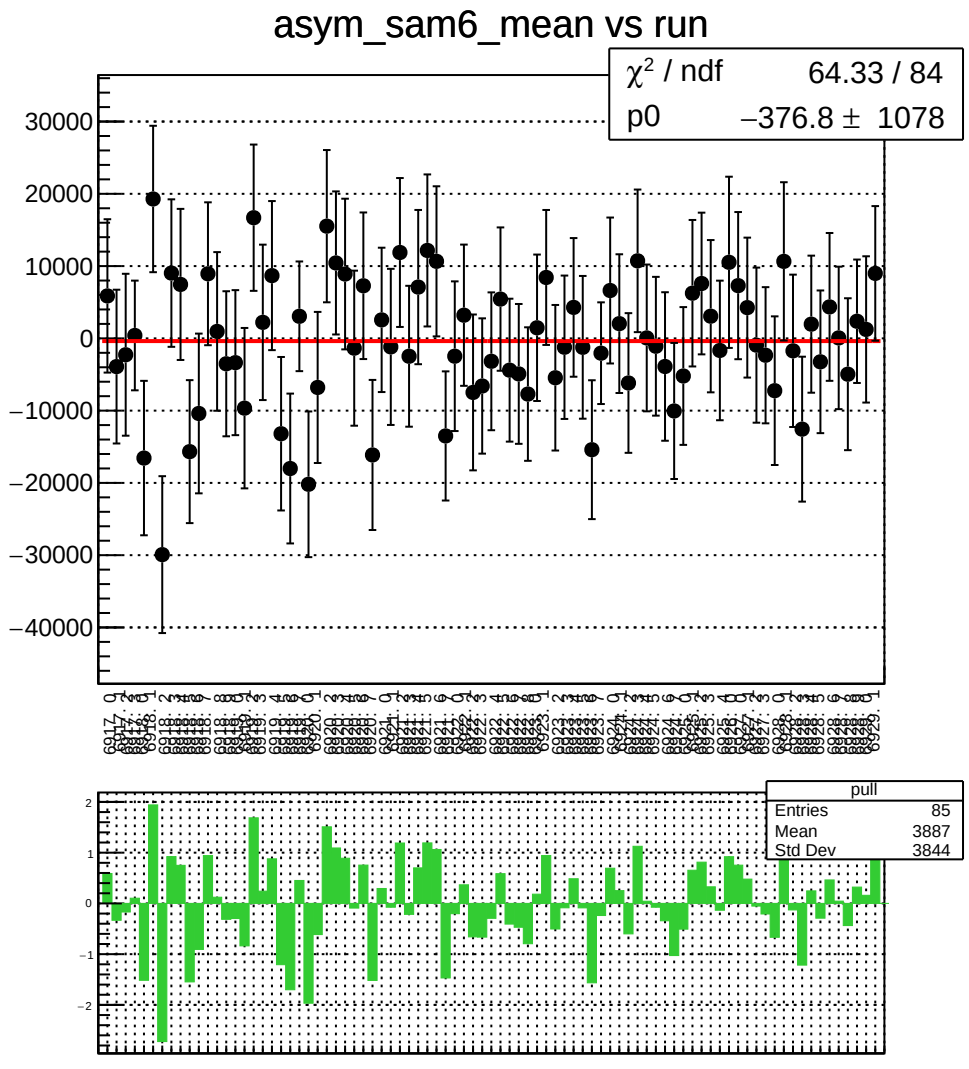

pull1D
Entries 85
Mean 0.00376
Std Dev 1.028
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

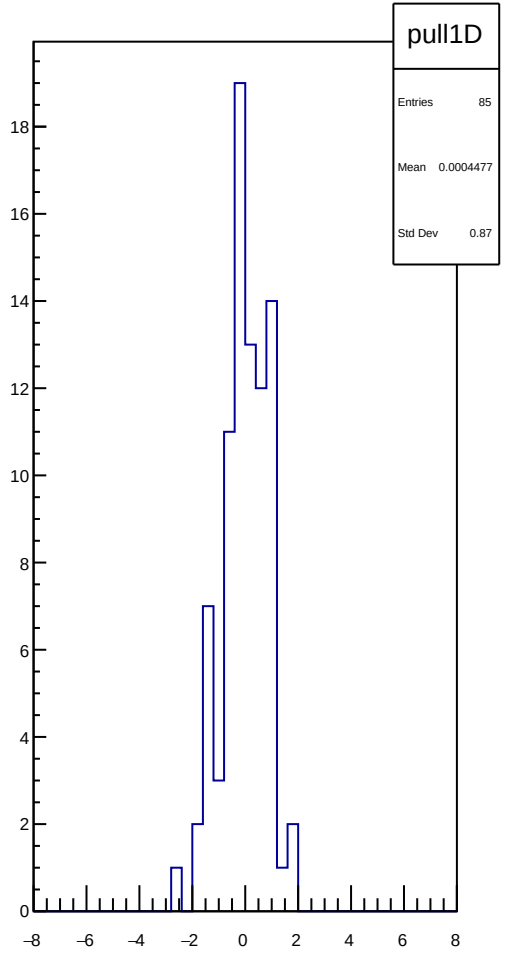

dit_asym_sam6_rms vs run
χ^2 / ndf 2171 / 84
p0 160.5 ± 0.1272
175
170
165
160
155
150

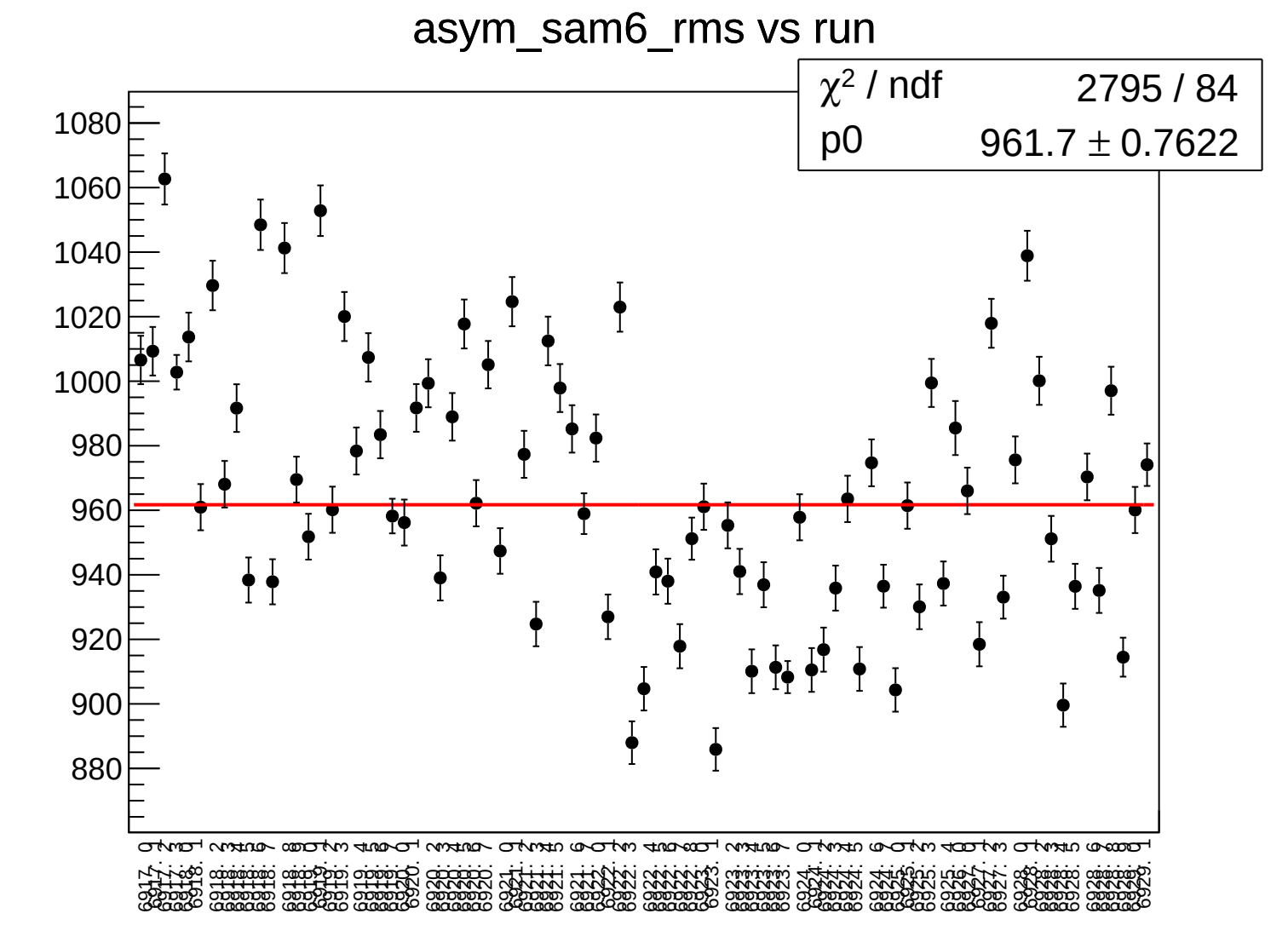

asym_sam6_correction_mean vs run
χ² / ndf 69.63 / 84
p0 490.2 ± 1084
40000
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean −381.7
Std Dev 422.4
2
1
0
−1
−2

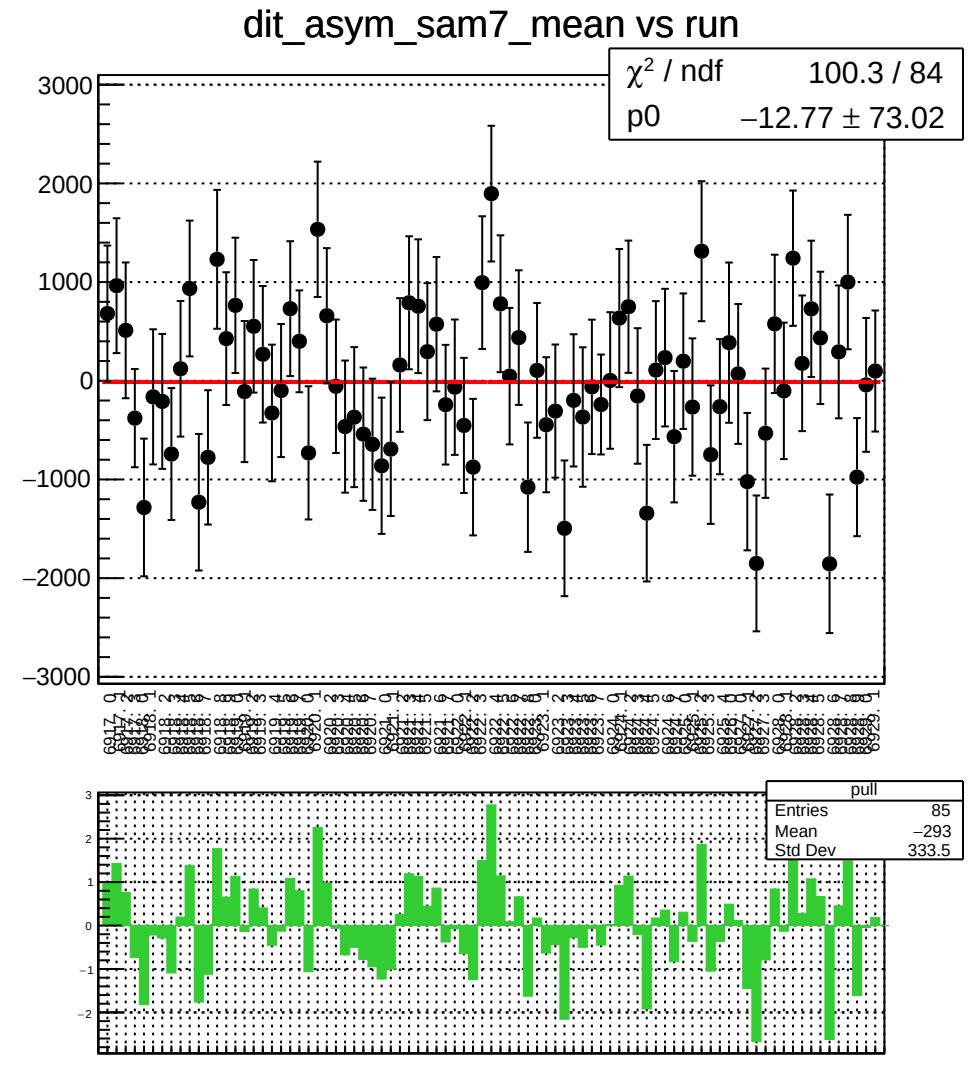

pull1D
Entries 85
Mean 0.002626
Std Dev 0.9051
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

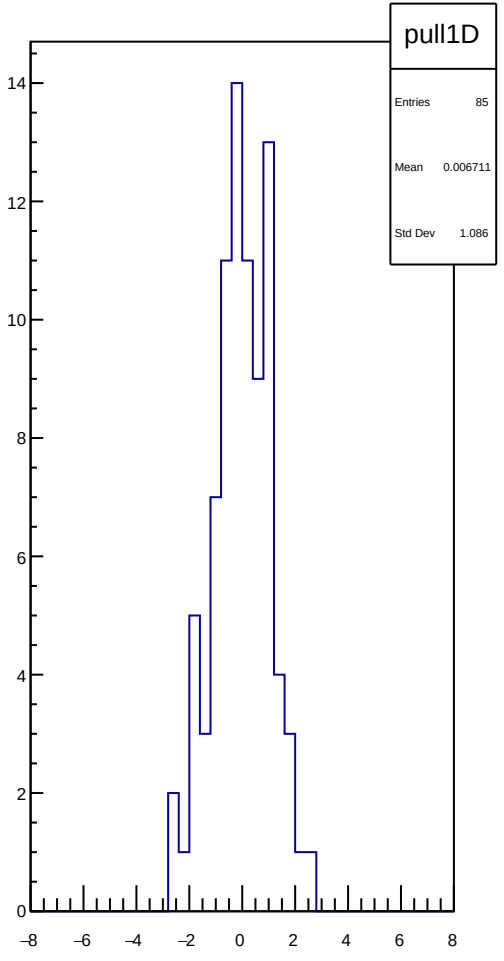

asym_sam6_correction_rms vs run
χ² / ndf 3327 / 84
p0 967.2 ± 0.7667
1100
1050
1000
950
900

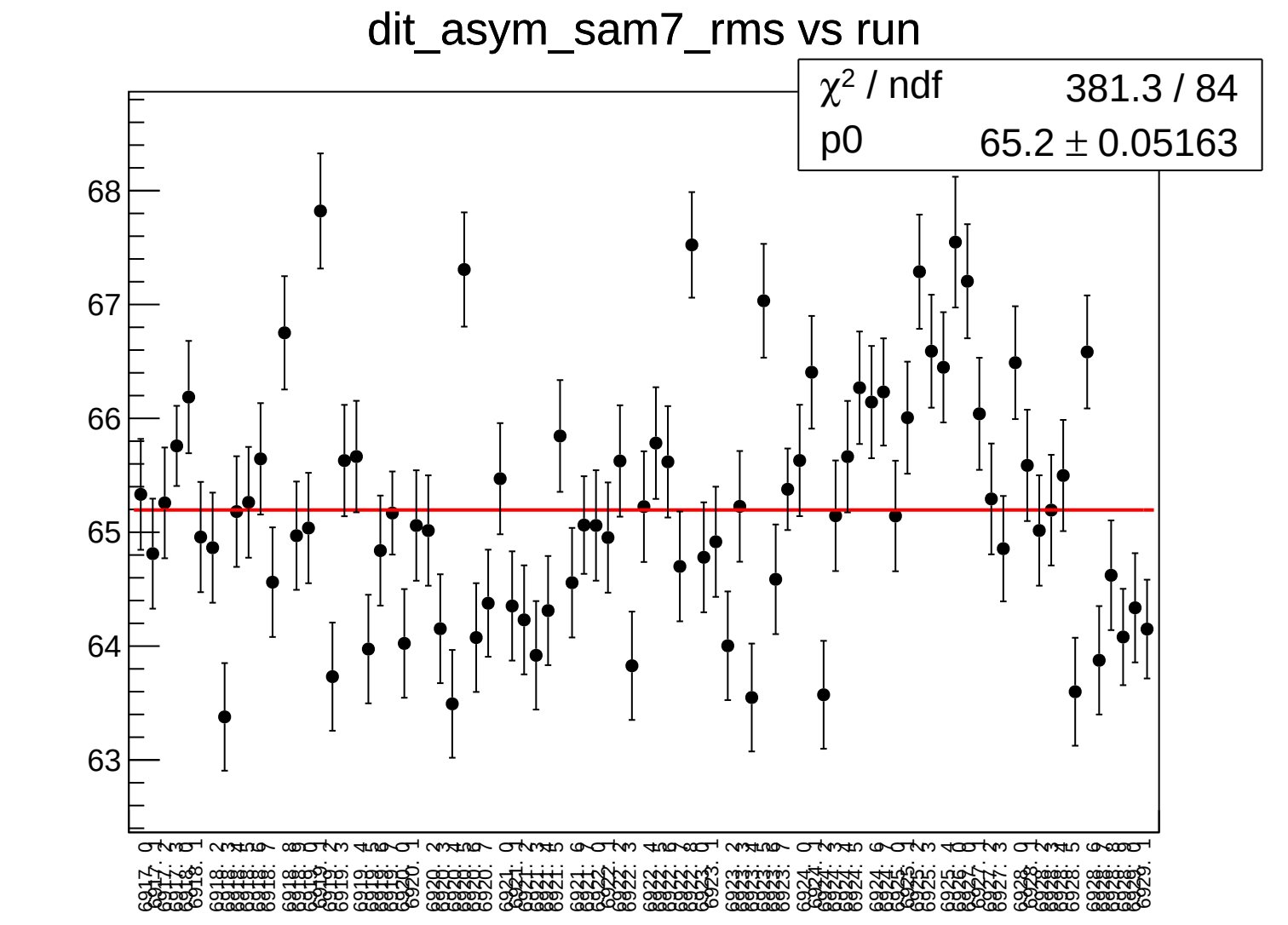

asym_sam6_mean vs run
χ² / ndf 64.33 / 84
p0 −376.8 ± 1078
30000
20000
10000
0
−10000
−20000
−30000
−40000
pull
Entries 85
Mean 3887
Std Dev 3844
2
1
0
−1
−2

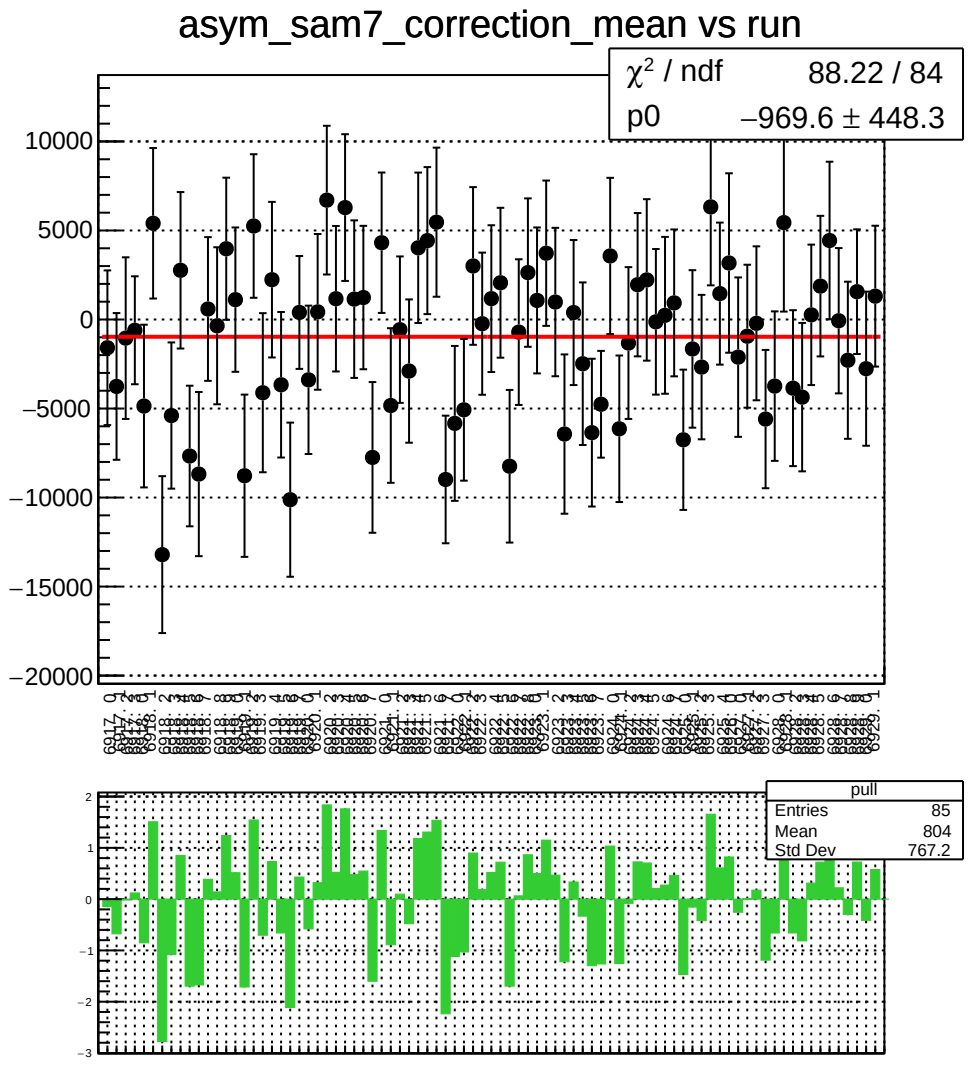

pull1D
Entries 85
Mean 0.0004477
Std Dev 0.87
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

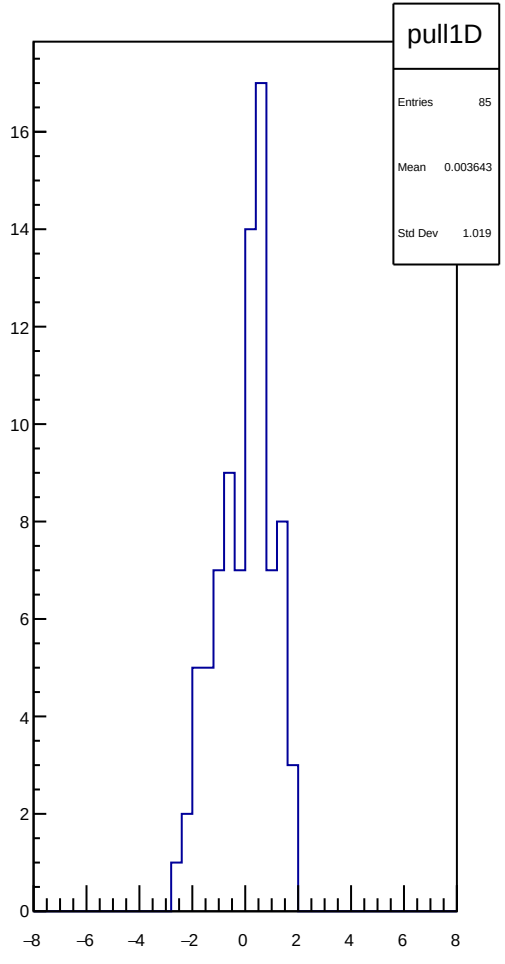

asym_sam6_rms vs run
χ² / ndf 2795 / 84
p0 961.7 ± 0.7622
1080
1060
1040
1020
1000
980
960
940
920
900
880

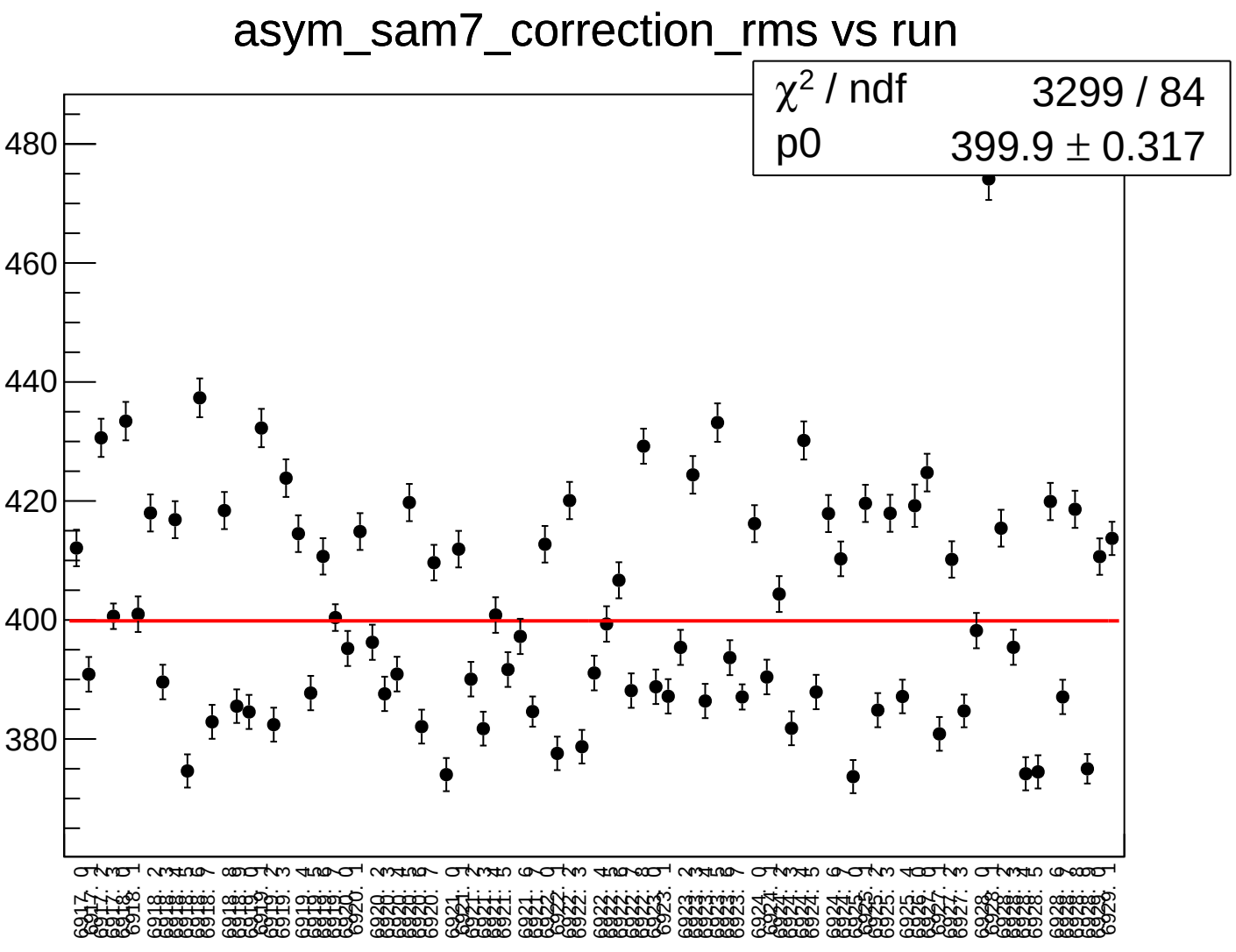

dit_asym_sam7_mean vs run
χ² / ndf 100.3 / 84
p0 −12.77 ± 73.02
pull
Entries 85
Mean −293
Std Dev 333.5

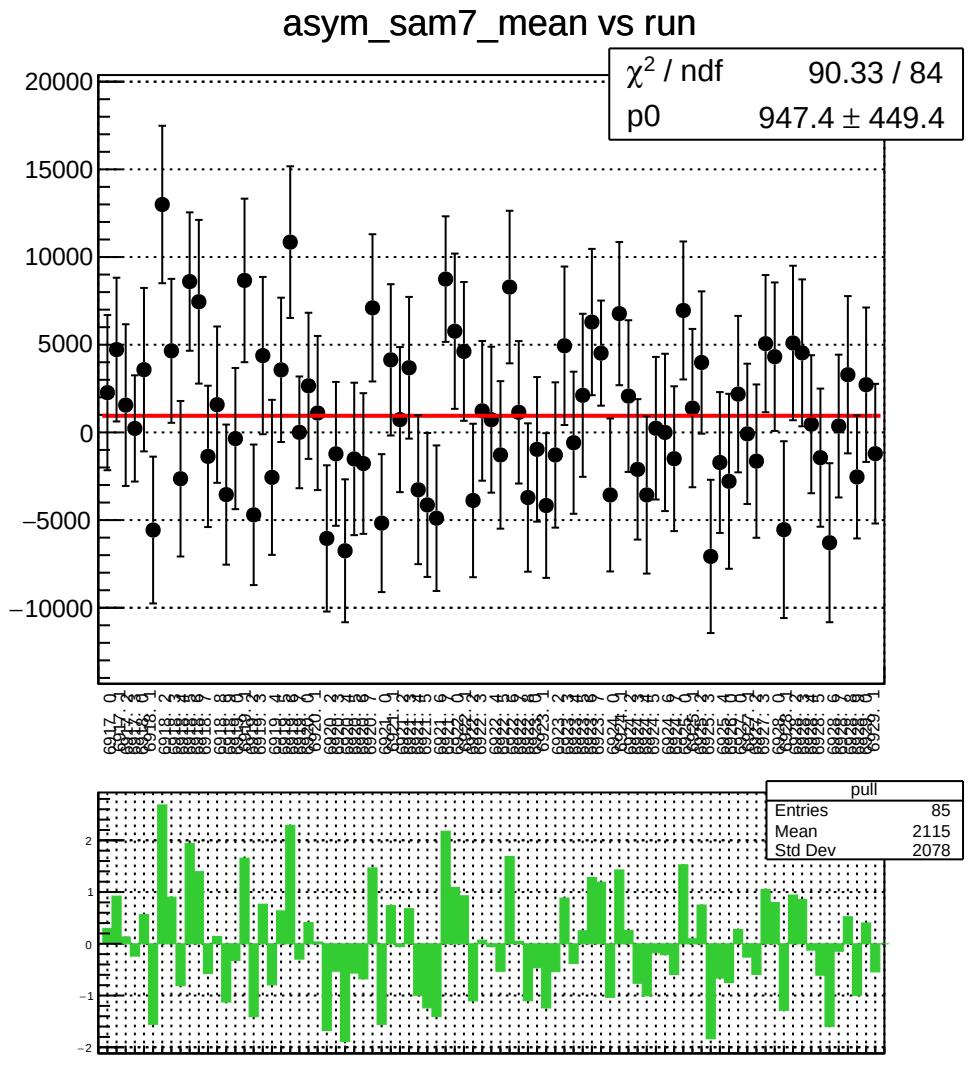

pull1D
Entries 85
Mean 0.006711
Std Dev 1.086

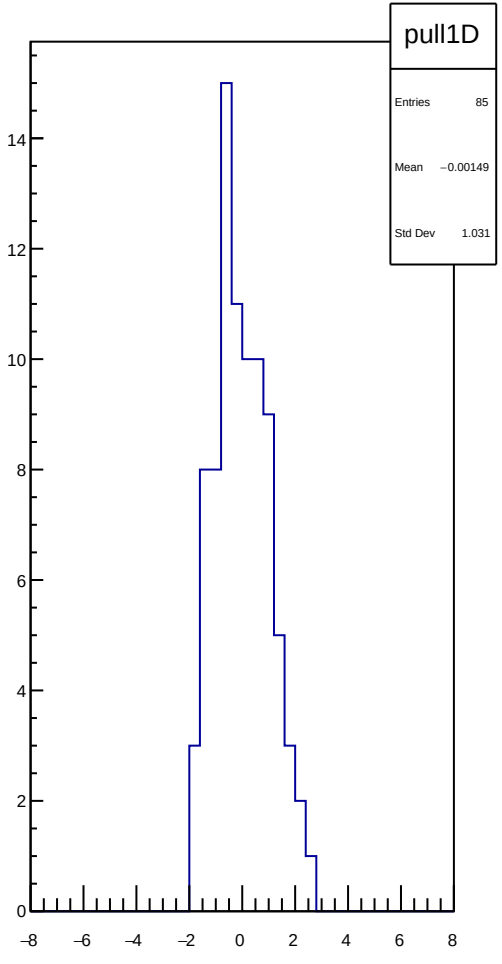

dit_asym_sam7_rms vs run
χ^2 / ndf 381.3 / 84
p0 65.2 ± 0.05163
68
67
66
65
64
63

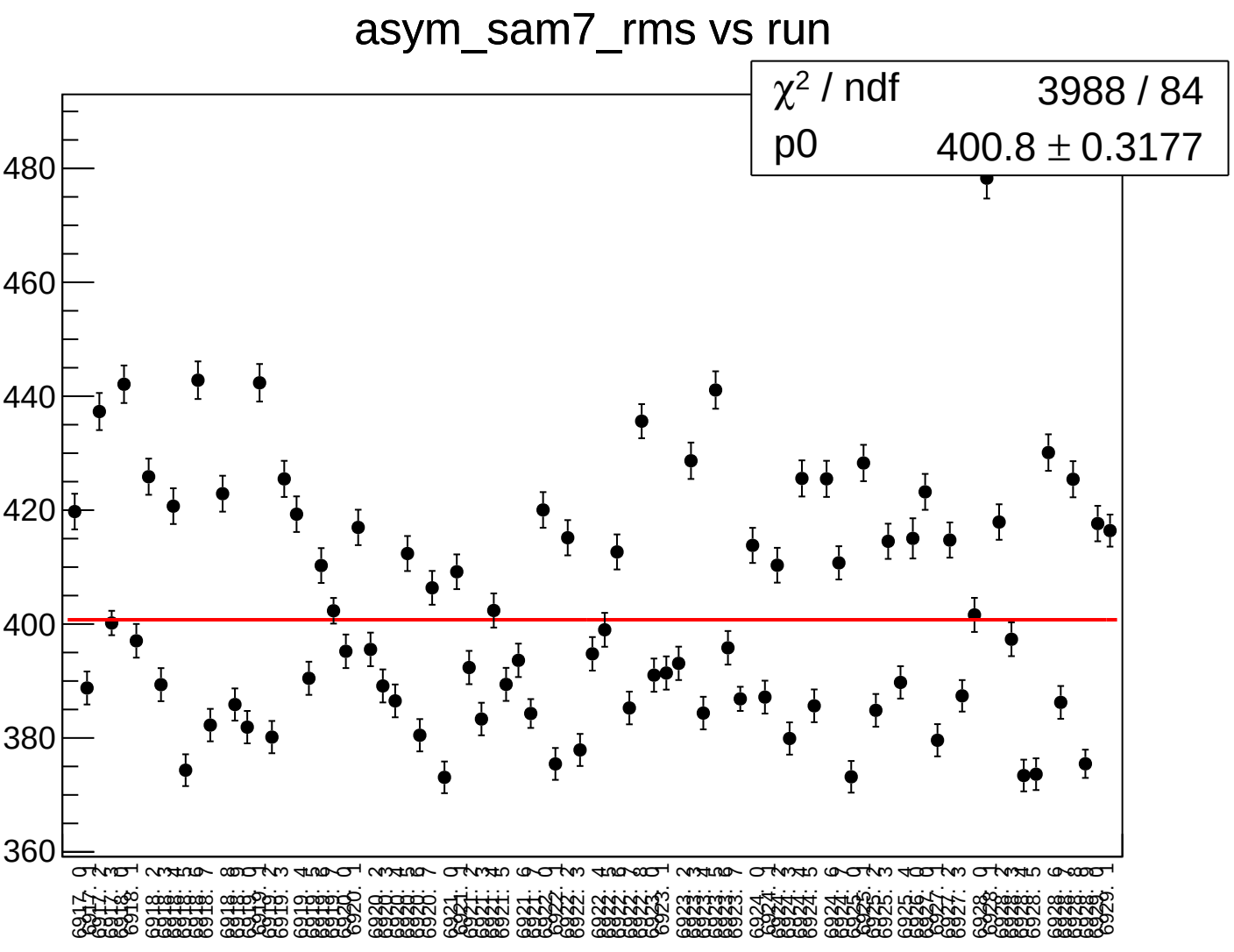

asym_sam7_correction_mean vs run
χ² / ndf 88.22 / 84
p0 −969.6 ± 448.3
pull
Entries 85
Mean 804
Std Dev 767.2

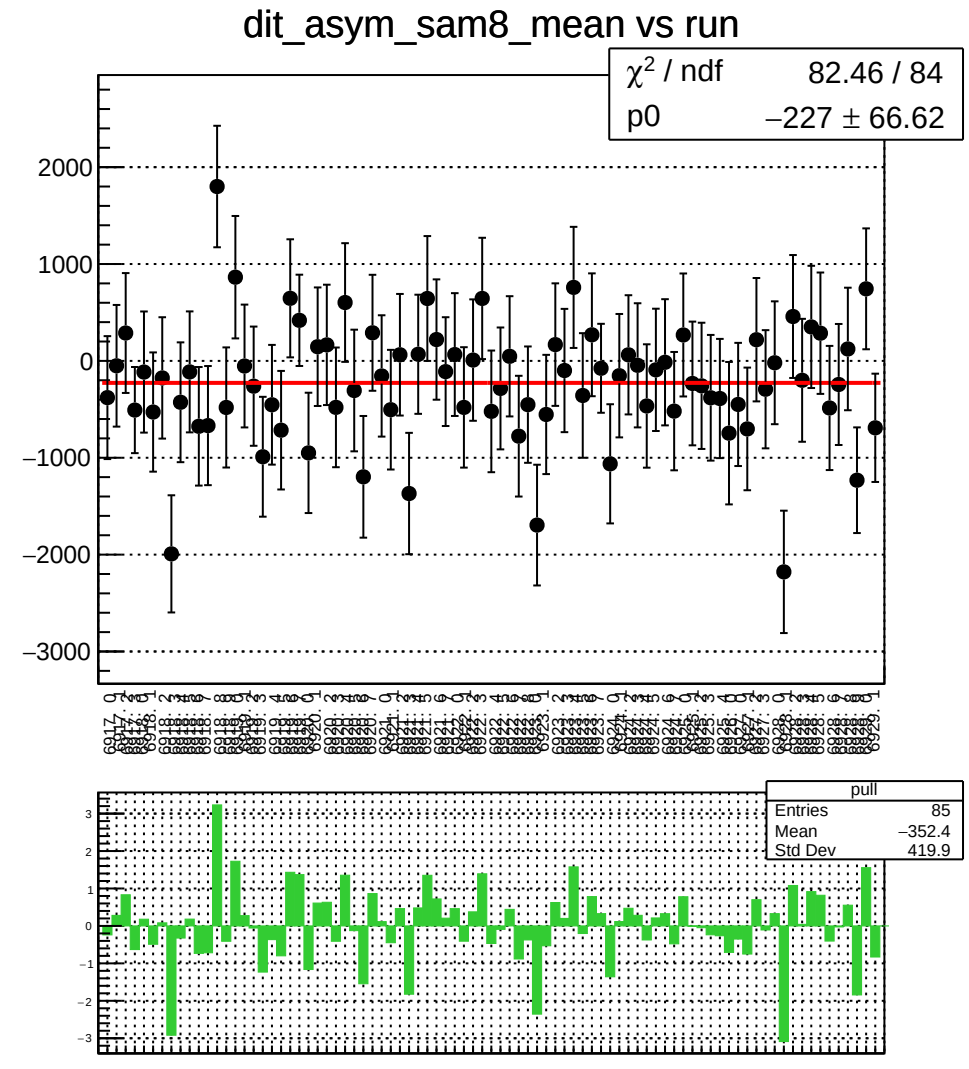

pull1D
Entries 85
Mean 0.003643
Std Dev 1.019

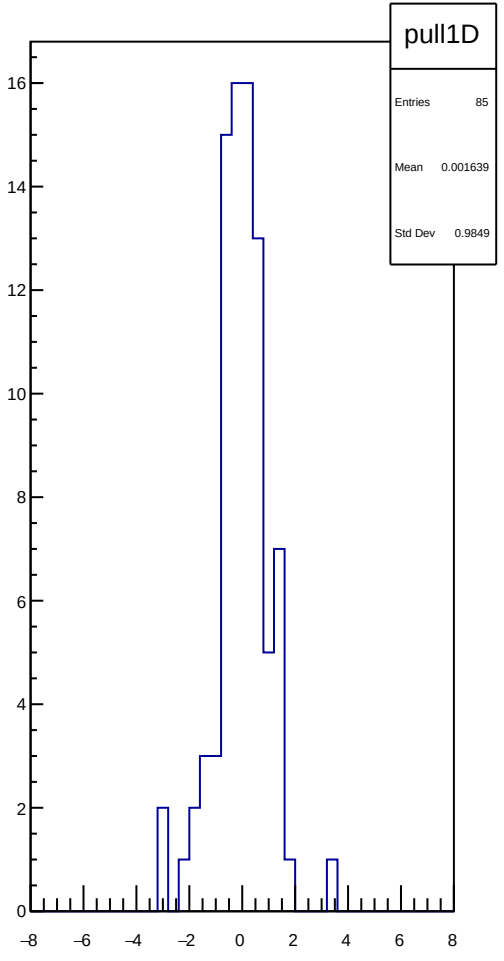

asym_sam7_correction_rms vs run
χ² / ndf 3299 / 84
p0 399.9 ± 0.317
480
460
440
420
400
380

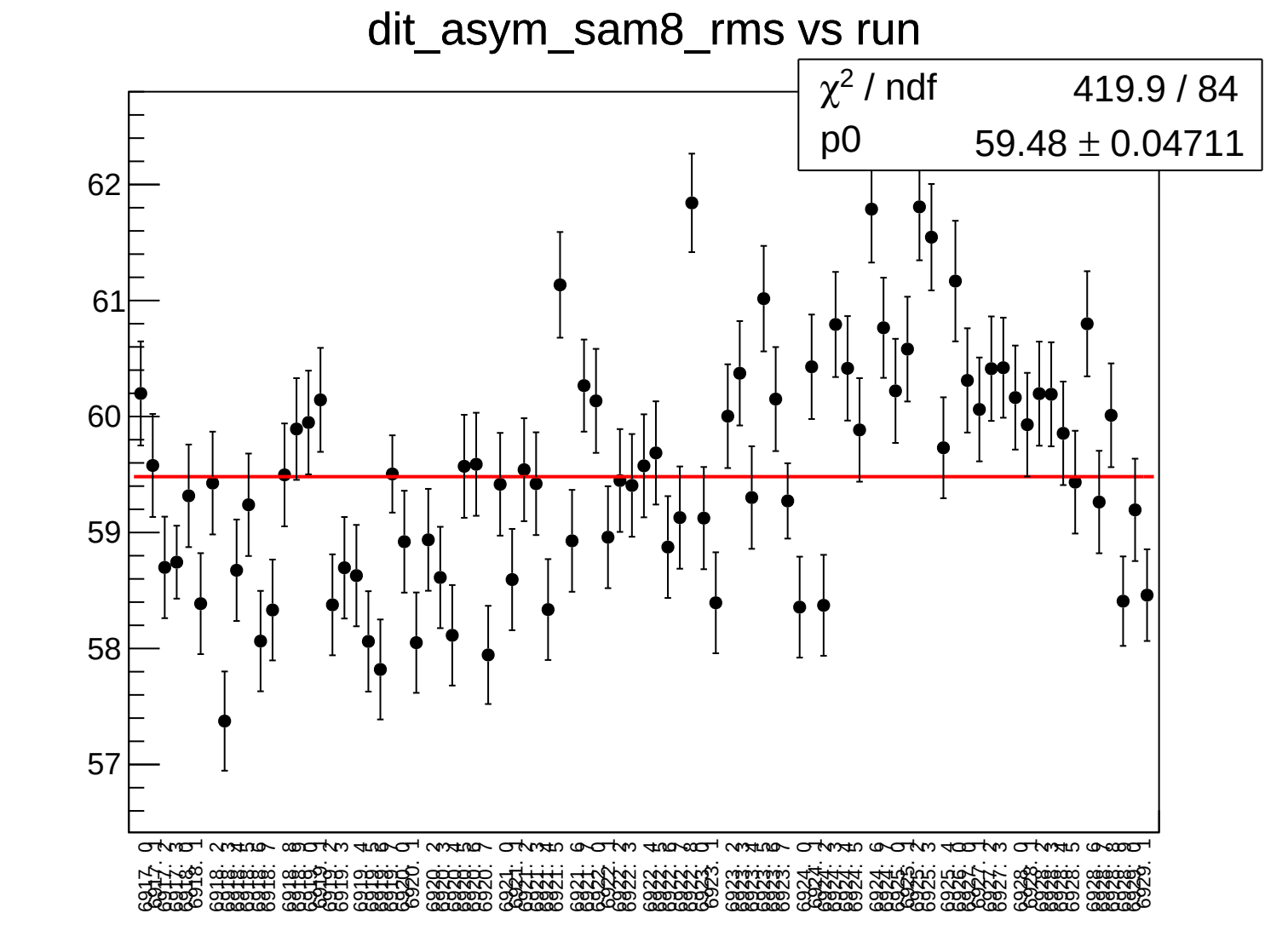

asym_sam7_mean vs run
χ² / ndf 90.33 / 84
p0 947.4 ± 449.4
pull
Entries 85
Mean 2115
Std Dev 2078

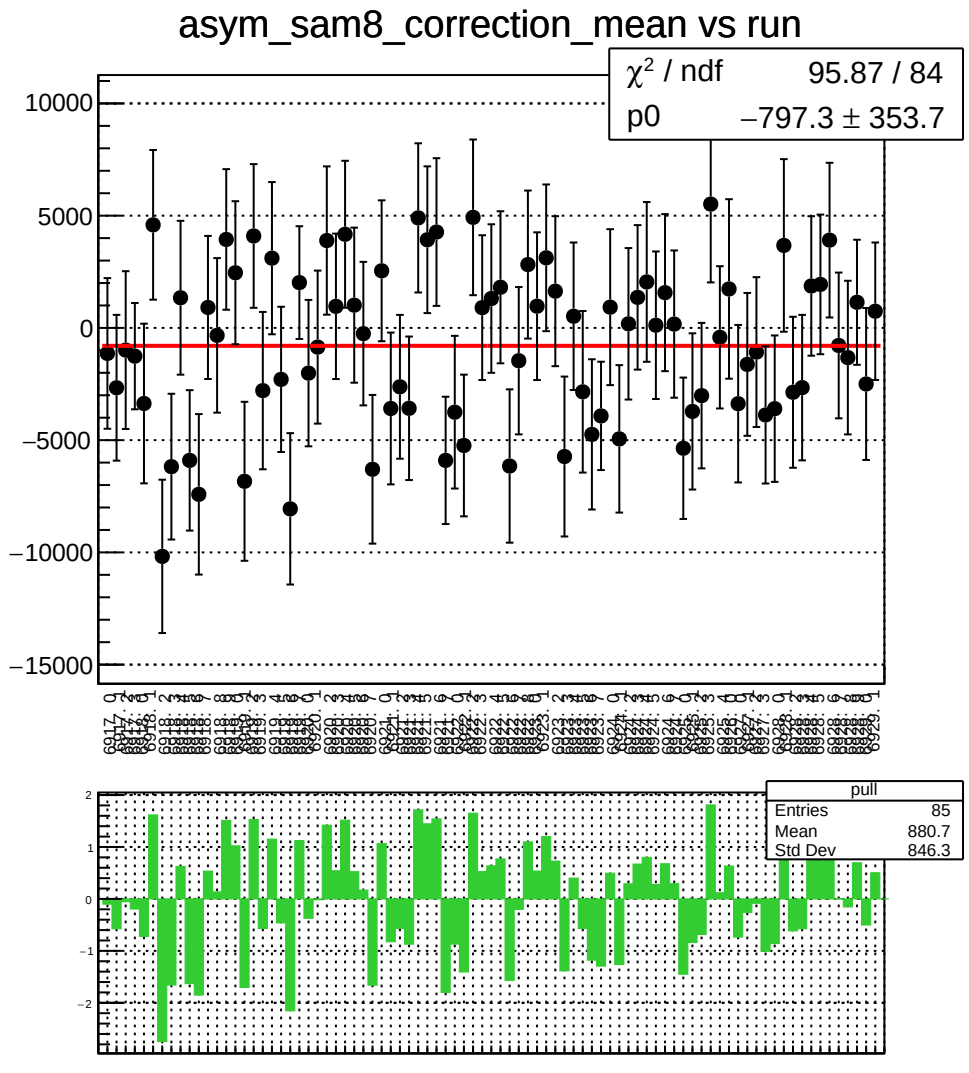

pull1D
Entries 85
Mean −0.00149
Std Dev 1.031

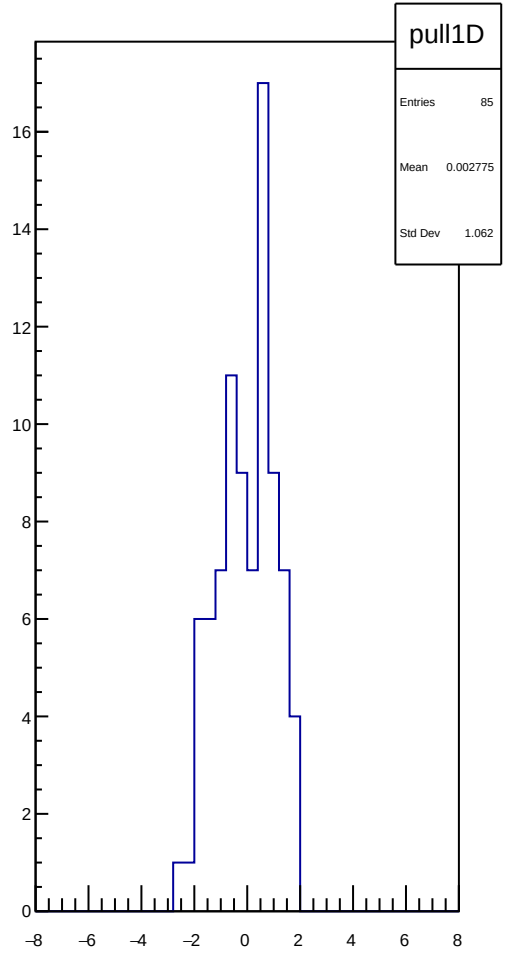

asym_sam7_rms vs run
χ² / ndf 3988 / 84
p0 400.8 ± 0.3177
480
460
440
420
400
380
360

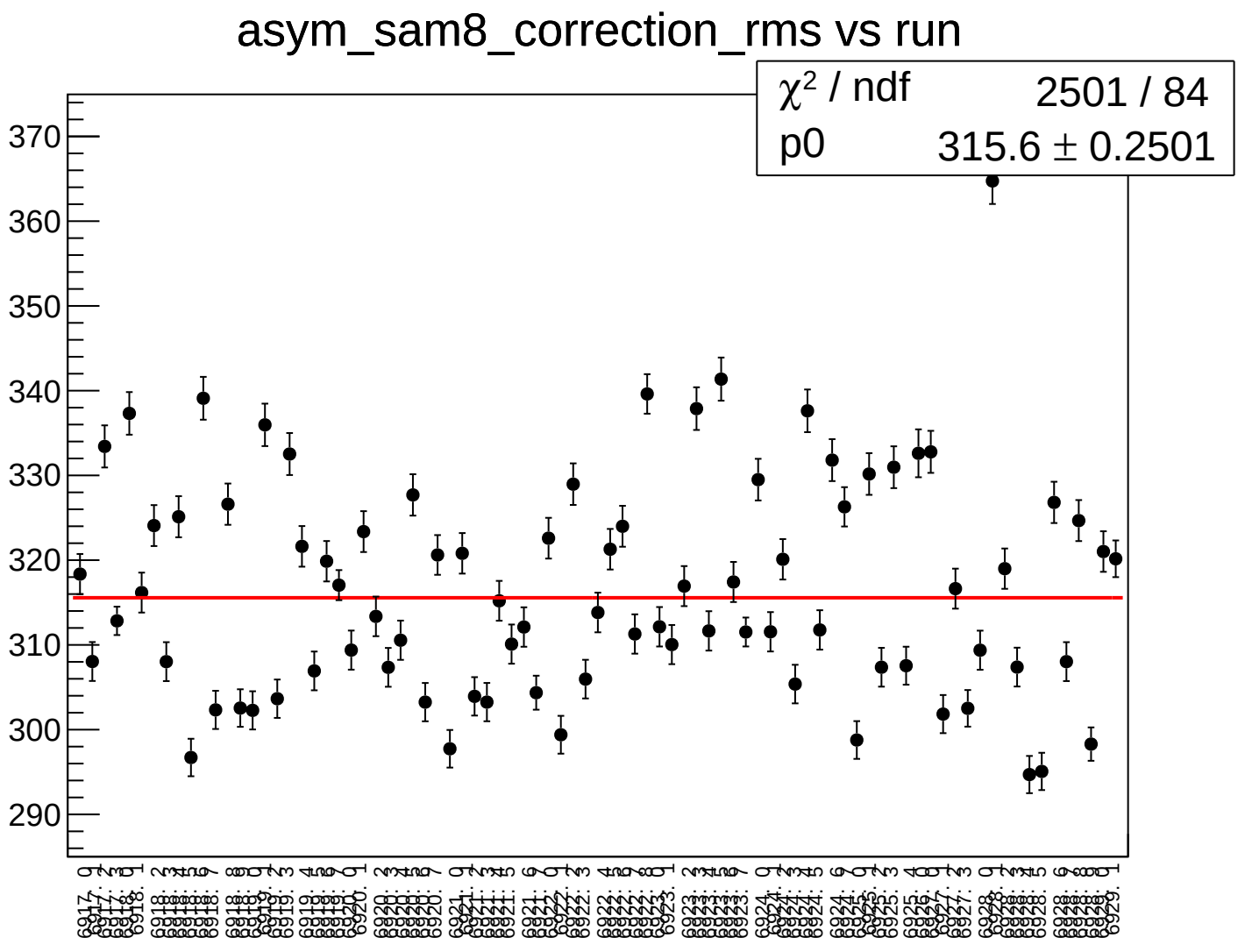

dit_asym_sam8_mean vs run
χ² / ndf 82.46 / 84
p0 −227 ± 66.62
pull
Entries 85
Mean −352.4
Std Dev 419.9

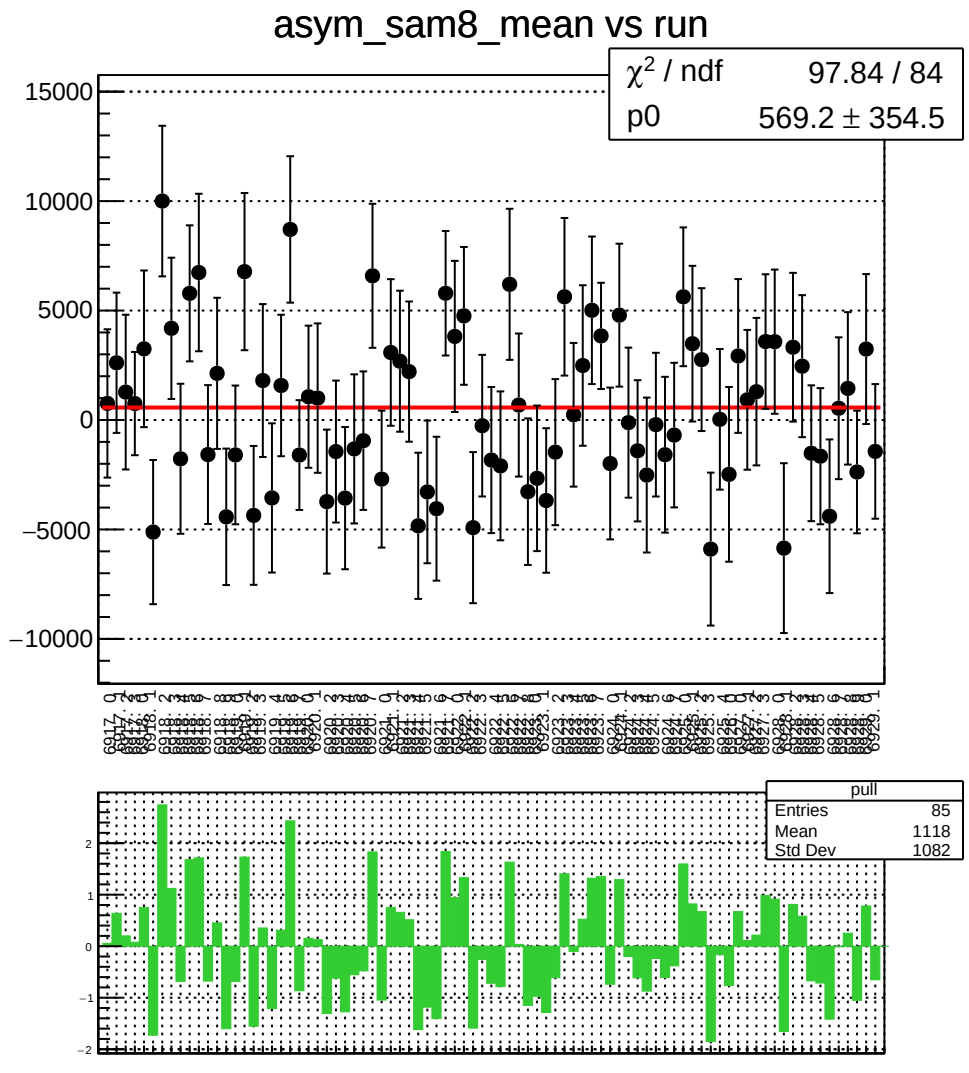

pull1D
Entries 85
Mean 0.001639
Std Dev 0.9849

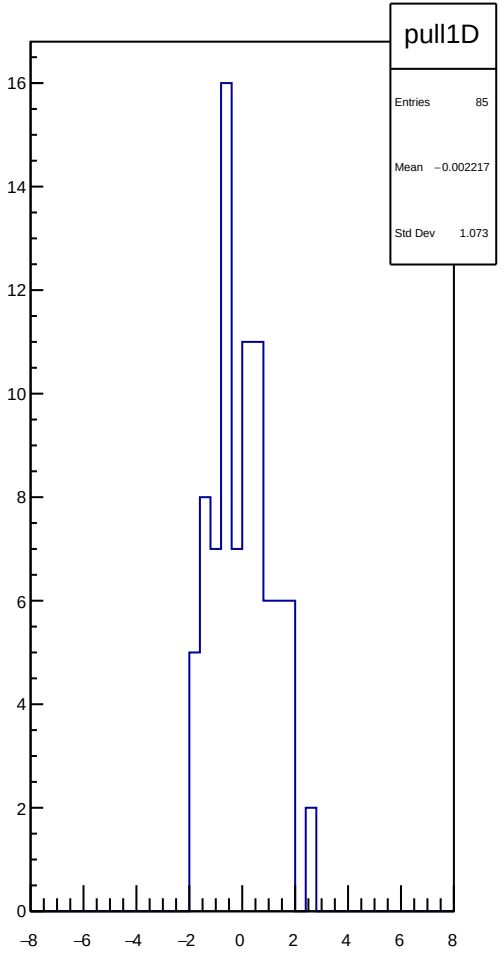

dit_asym_sam8_rms vs run
χ^2 / ndf 419.9 / 84
p0 59.48 ± 0.04711
62
61
60
59
58
57

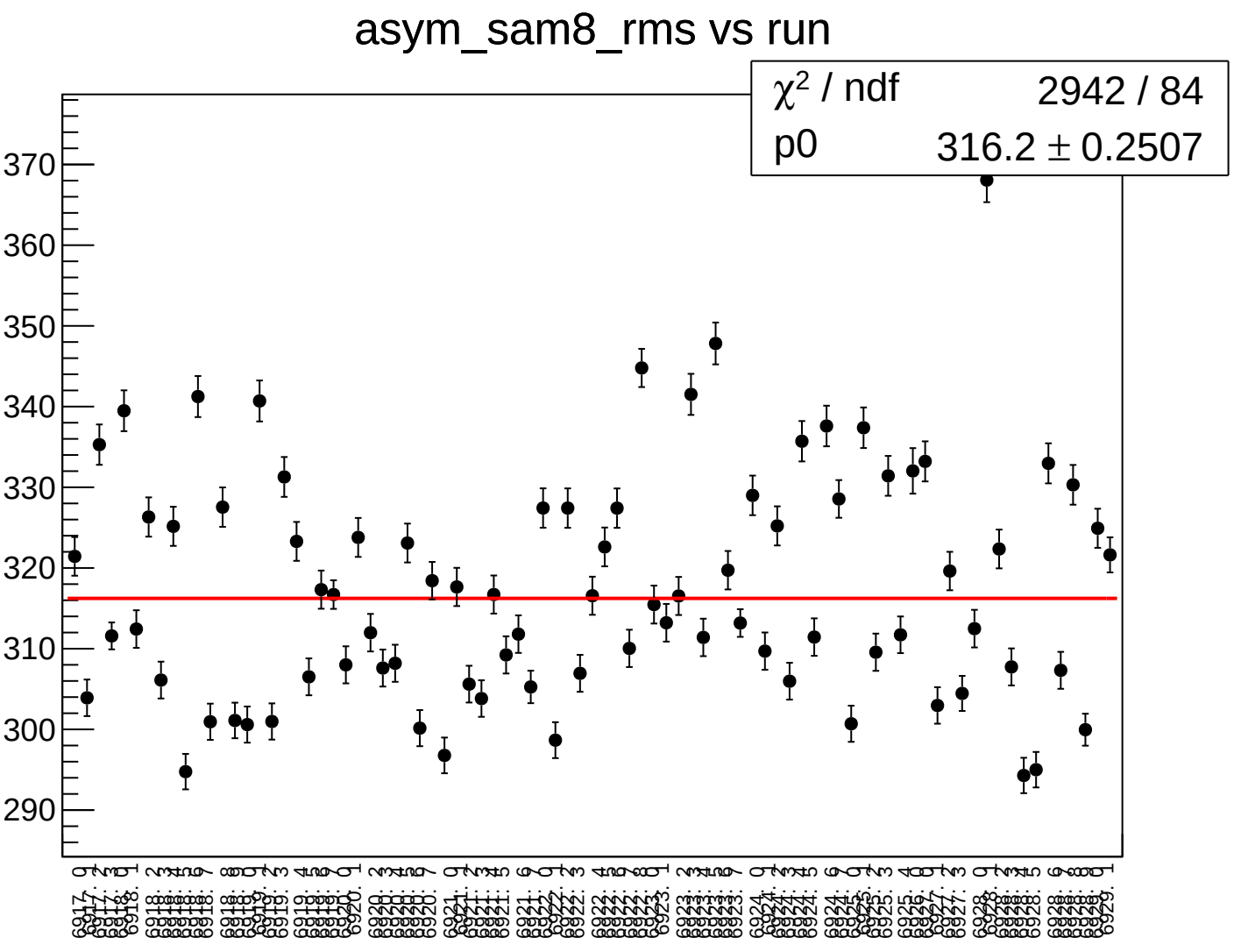

asym_sam8_correction_mean vs run
χ² / ndf 95.87 / 84
p0 −797.3 ± 353.7
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 880.7
Std Dev 846.3
2
1
0
−1
−2

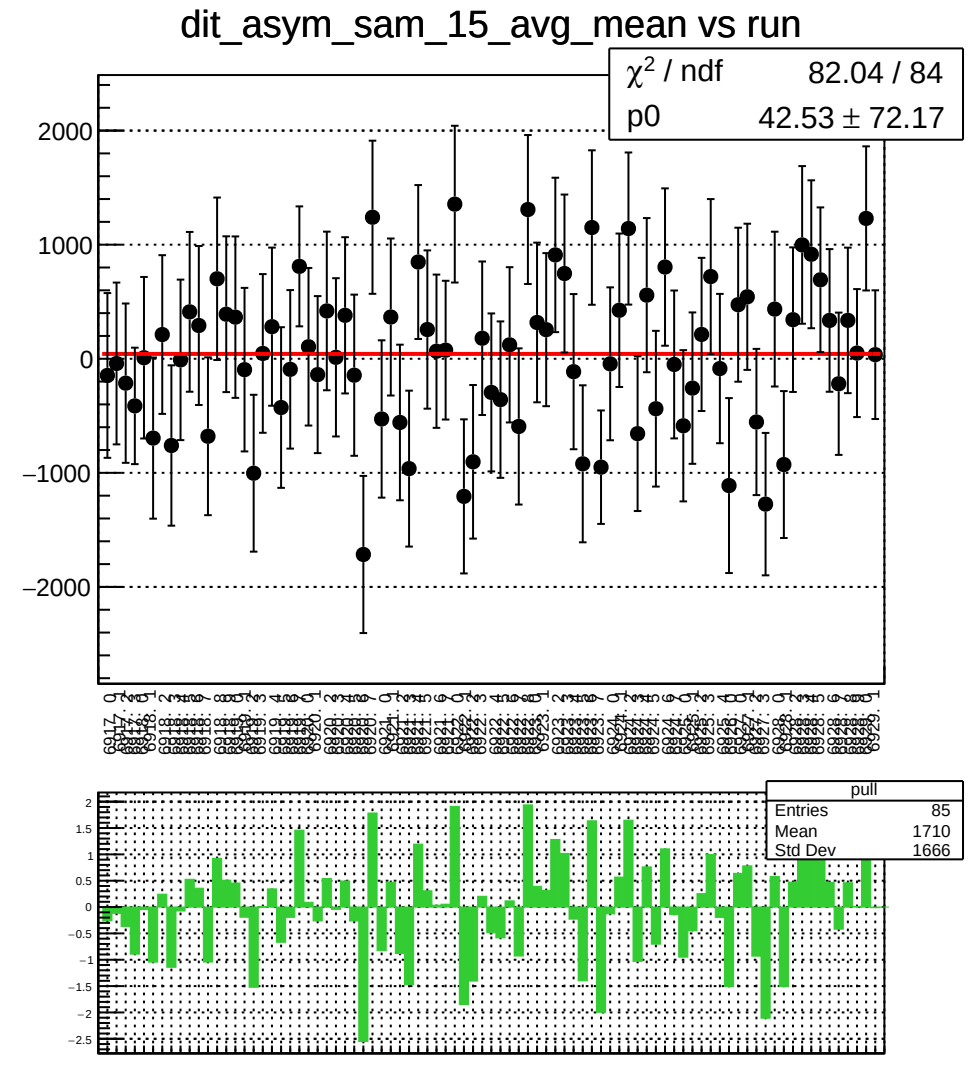

pull1D
Entries 85
Mean 0.002775
Std Dev 1.062
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

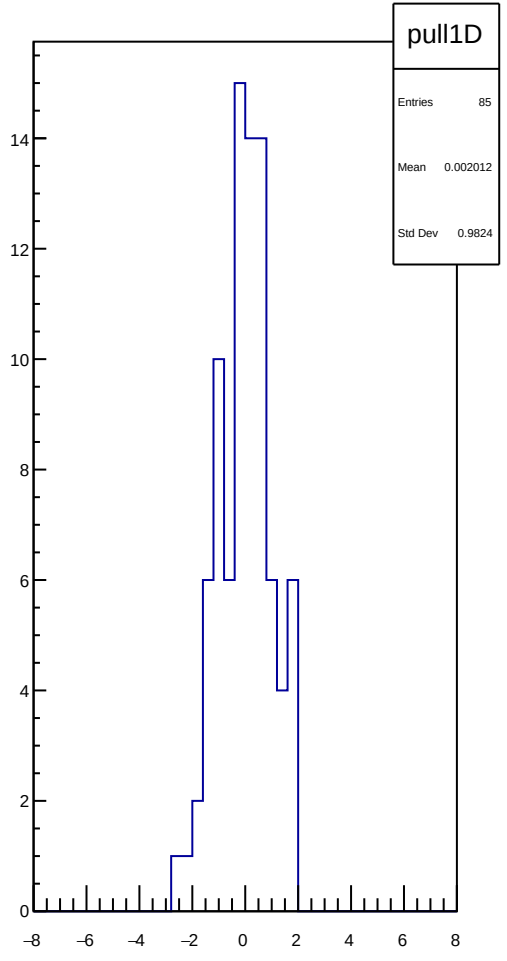

asym_sam8_correction_rms vs run
χ² / ndf 2501 / 84
p0 315.6 ± 0.2501
370
360
350
340
330
320
310
300
290

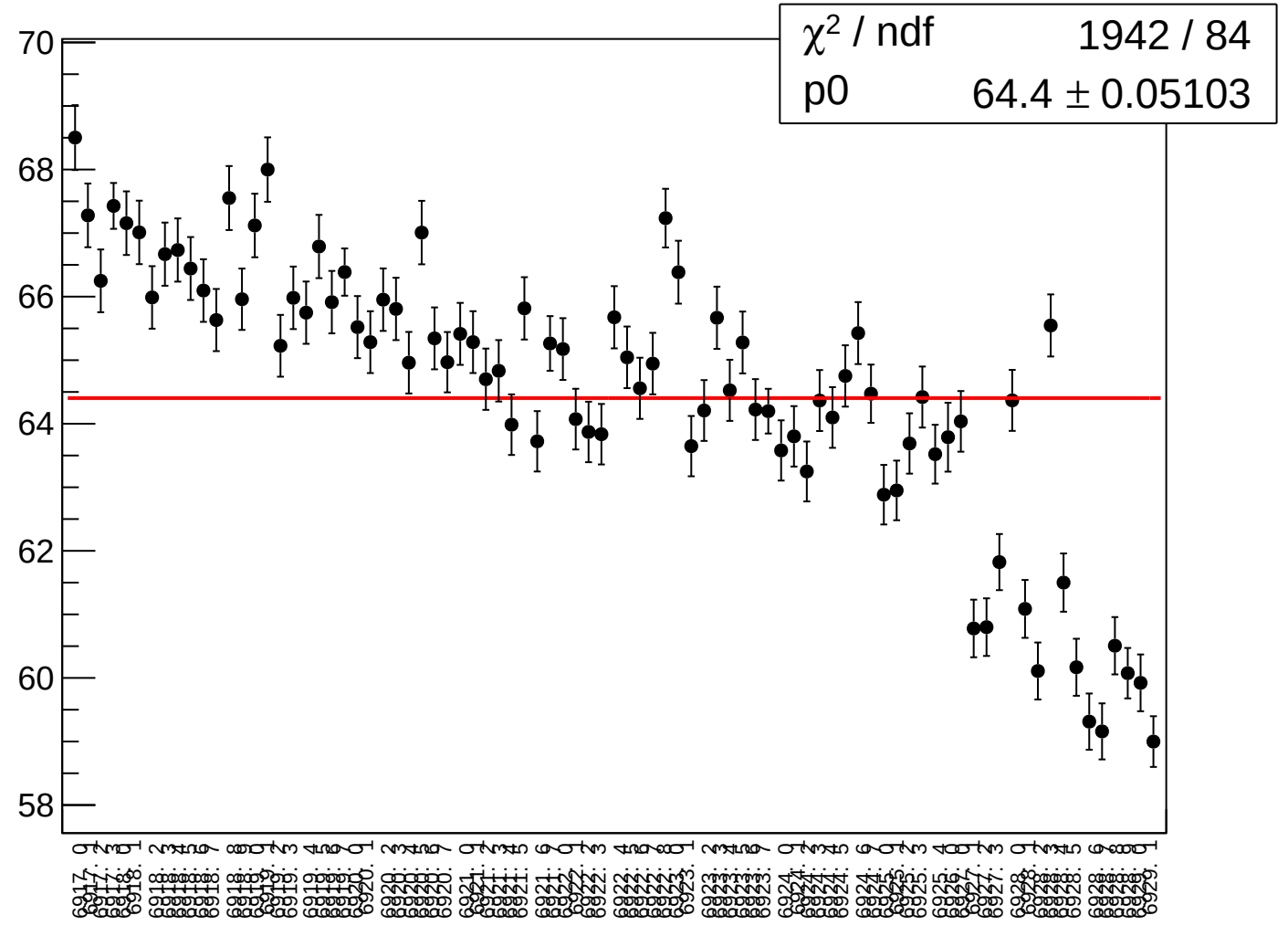

asym_sam8_mean vs run
χ² / ndf 97.84 / 84
p0 569.2 ± 354.5
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 1118
Std Dev 1082
2
1
0
−1
−2

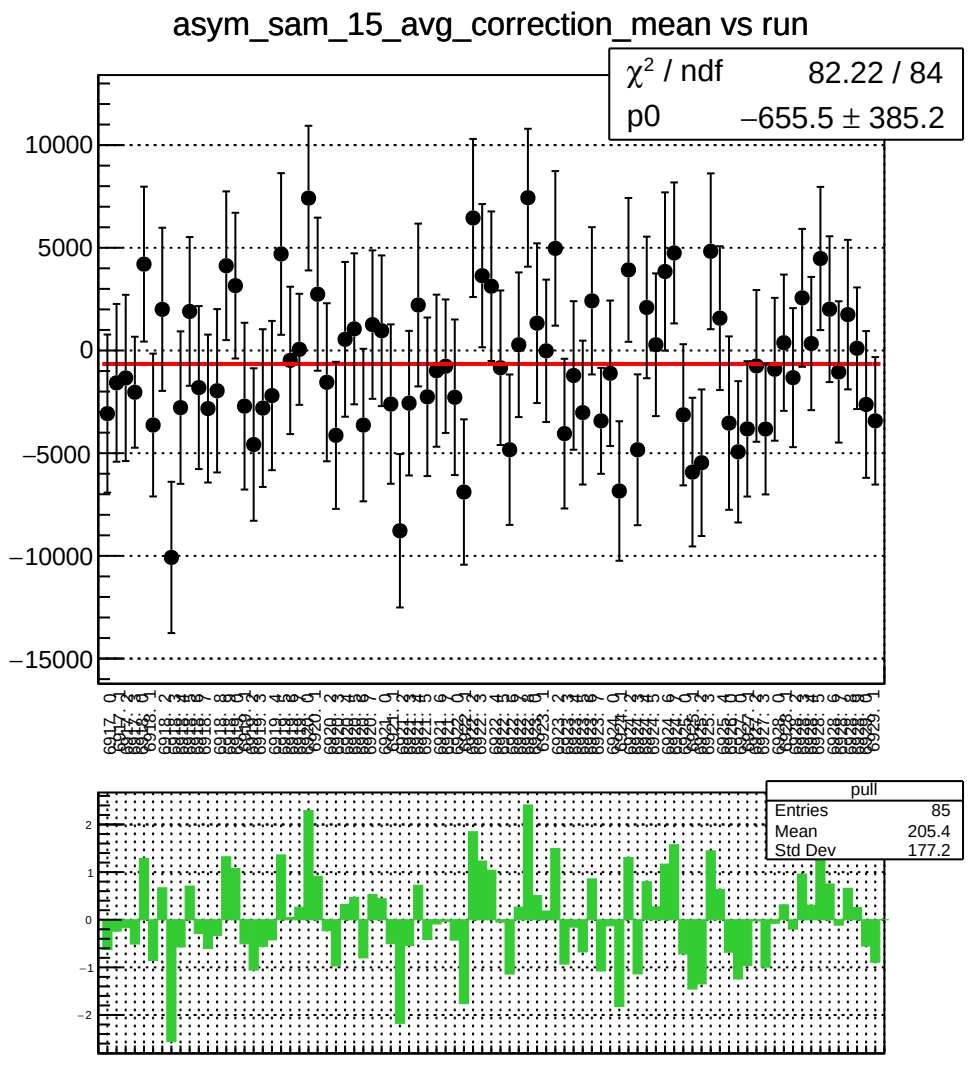

pull1D
Entries 85
Mean −0.002217
Std Dev 1.073
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

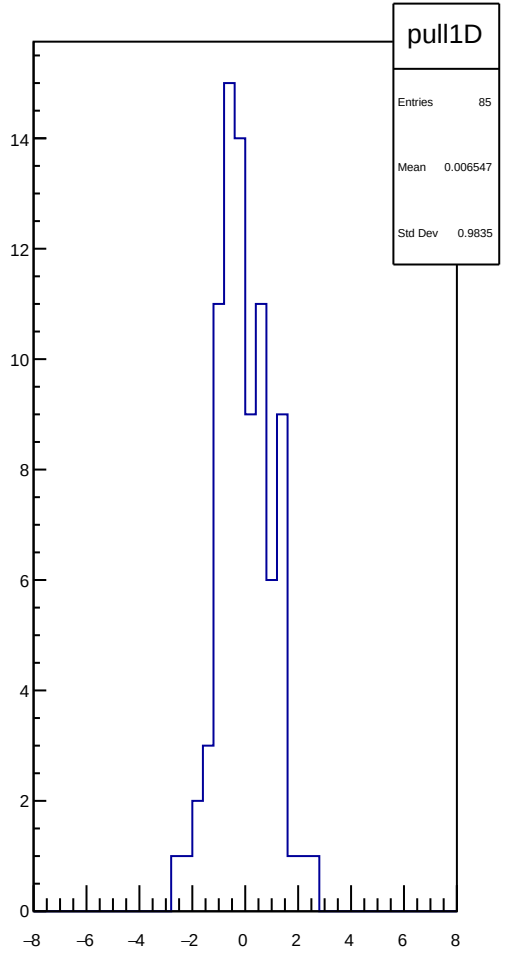

asym_sam8_rms vs run
χ² / ndf 2942 / 84
p0 316.2 ± 0.2507
370
360
350
340
330
320
310
300
290

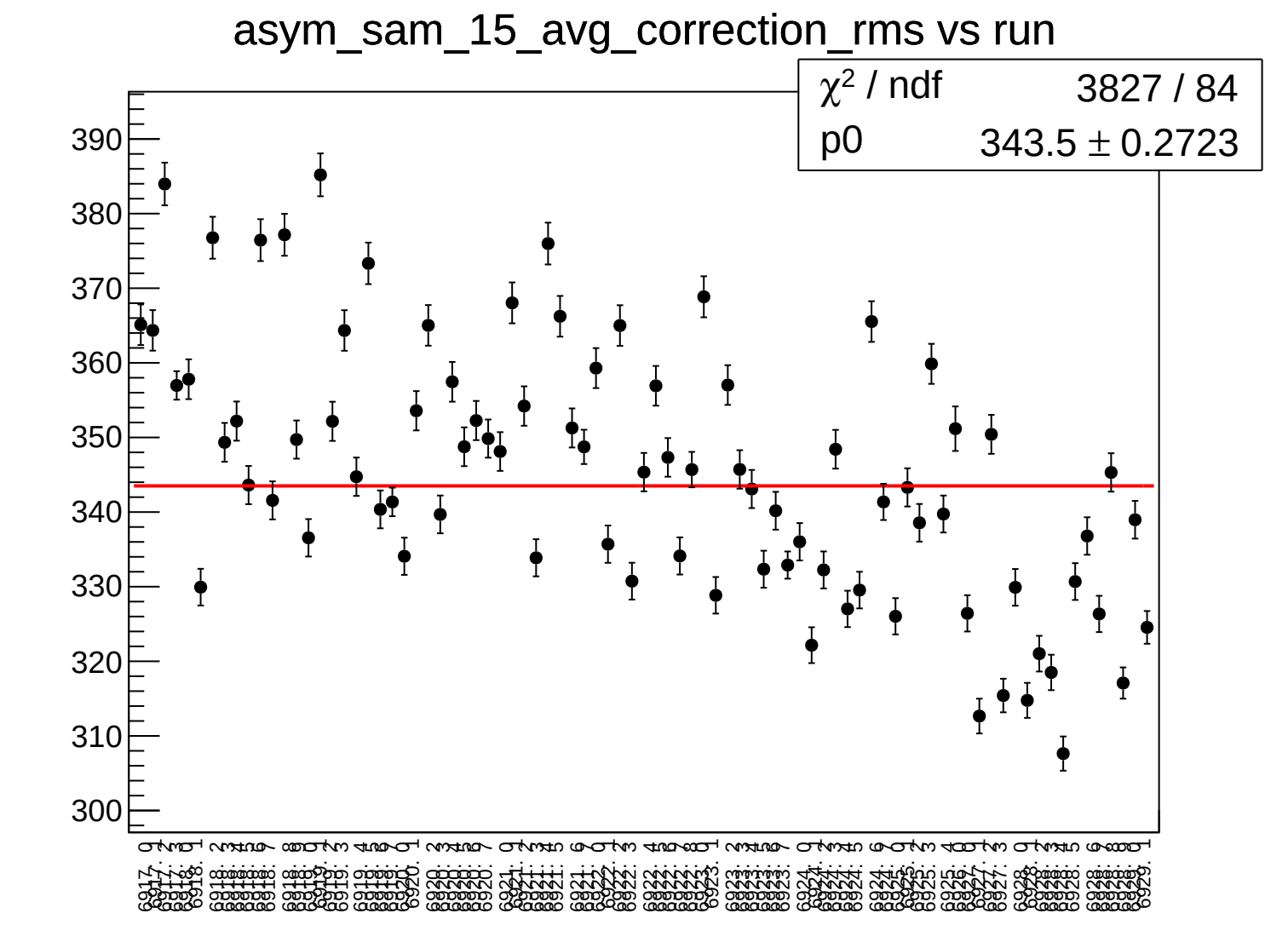

dit_asym_sam_15_avg_mean vs run
χ² / ndf 82.04 / 84
p0 42.53 ± 72.17
2000
1000
0
−1000
−2000
pull
Entries 85
Mean 1710
Std Dev 1666
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

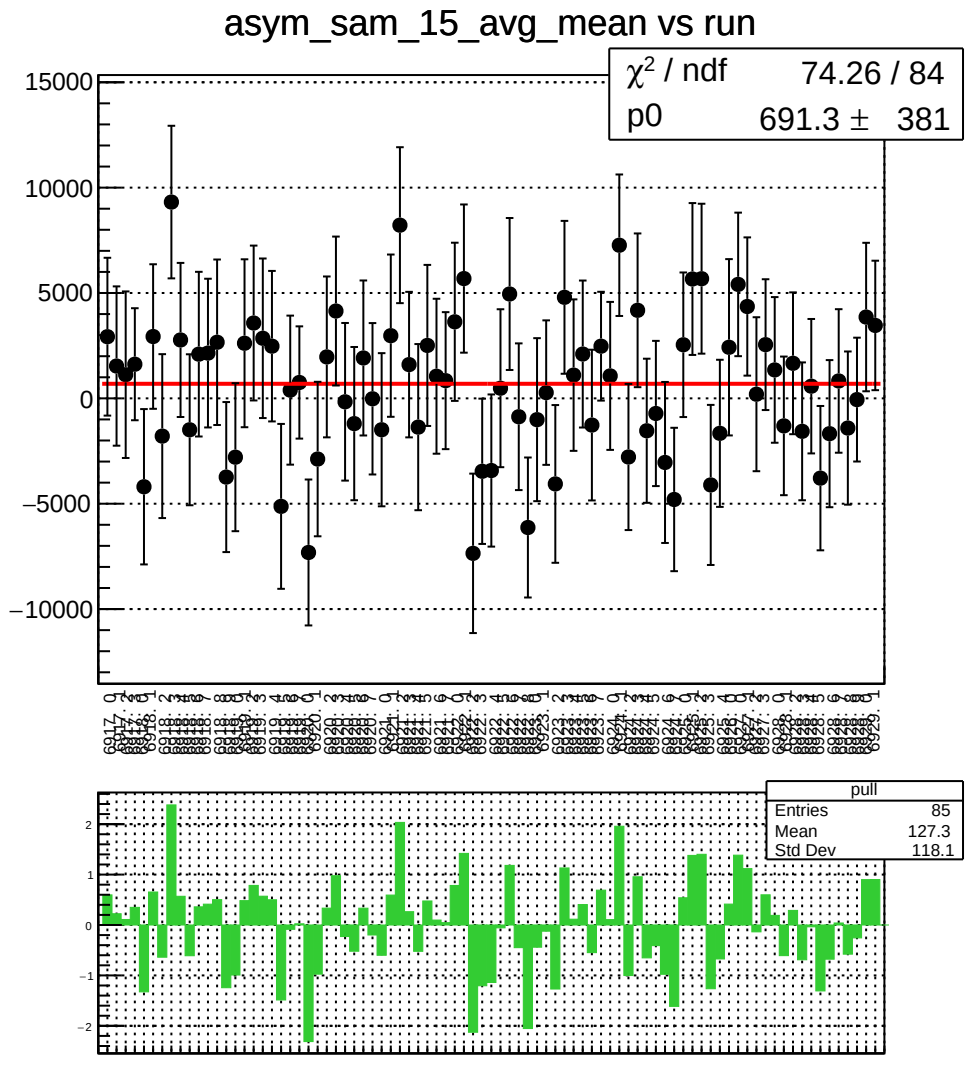

pull1D
Entries 85
Mean 0.002012
Std Dev 0.9824
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

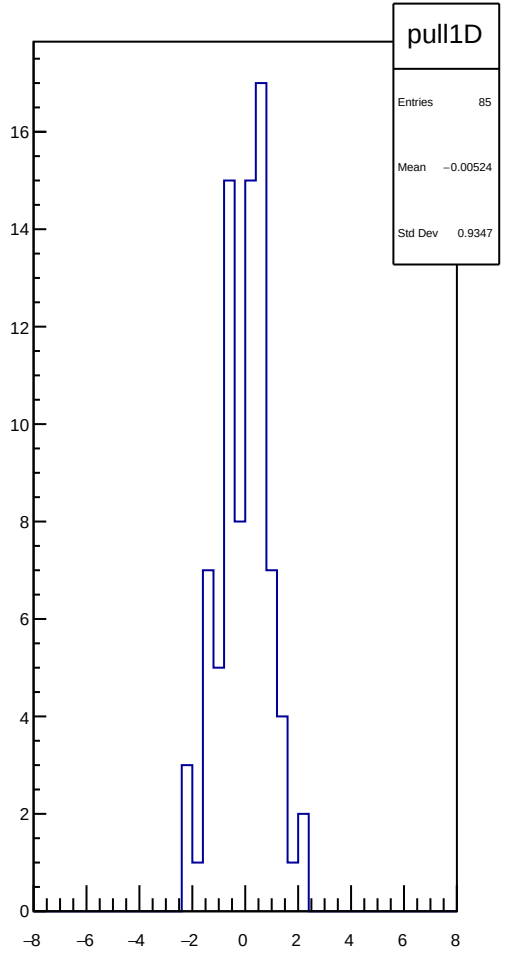

dit_asym_sam_15_avg_rms vs run
χ² / ndf 1942 / 84
p0 64.4 ± 0.05103
70
68
66
64
62
60
58

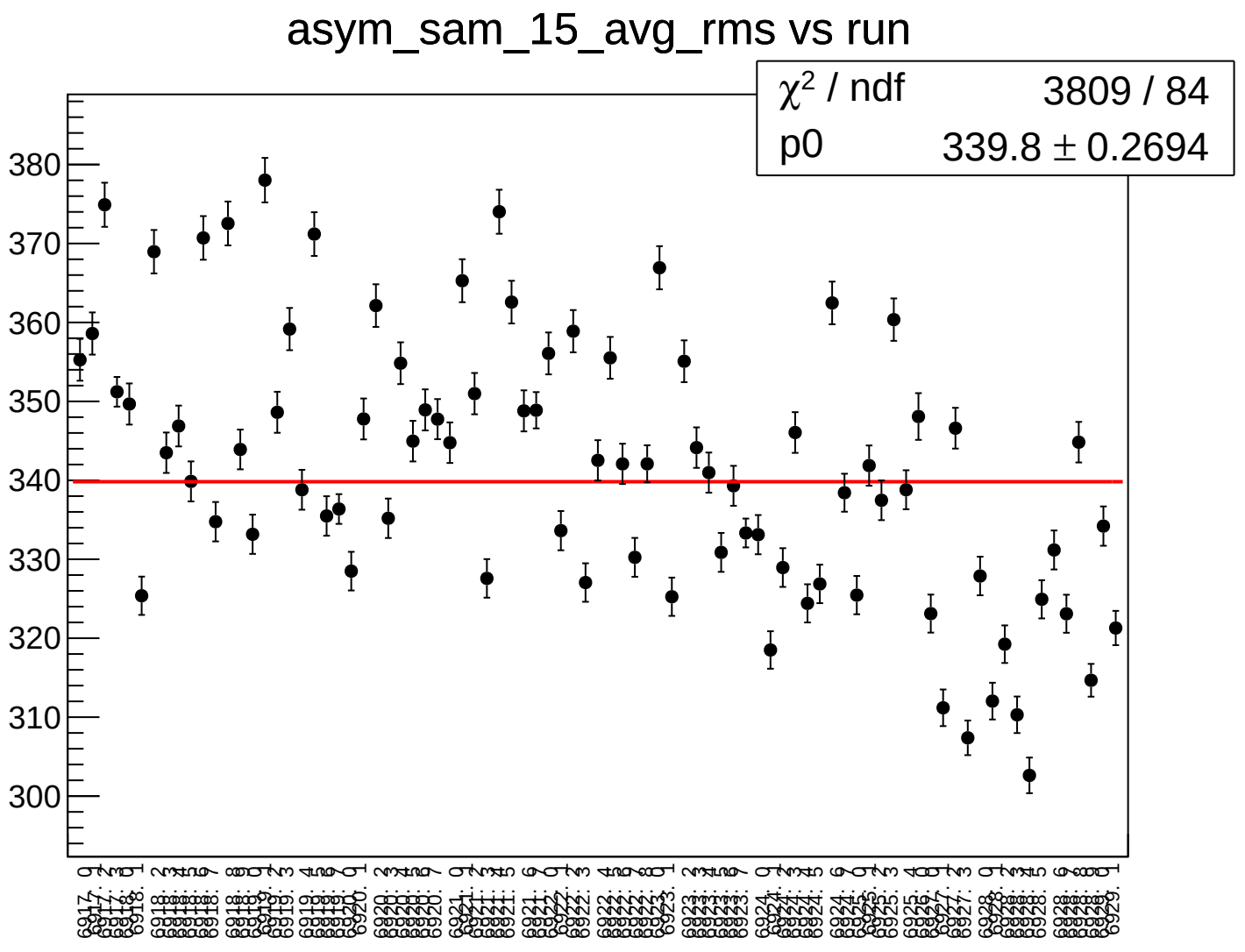

asym_sam_15_avg_correction_mean vs run
χ² / ndf 82.22 / 84
p0 −655.5 ± 385.2
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 205.4
Std Dev 177.2
2
1
0
−1
−2

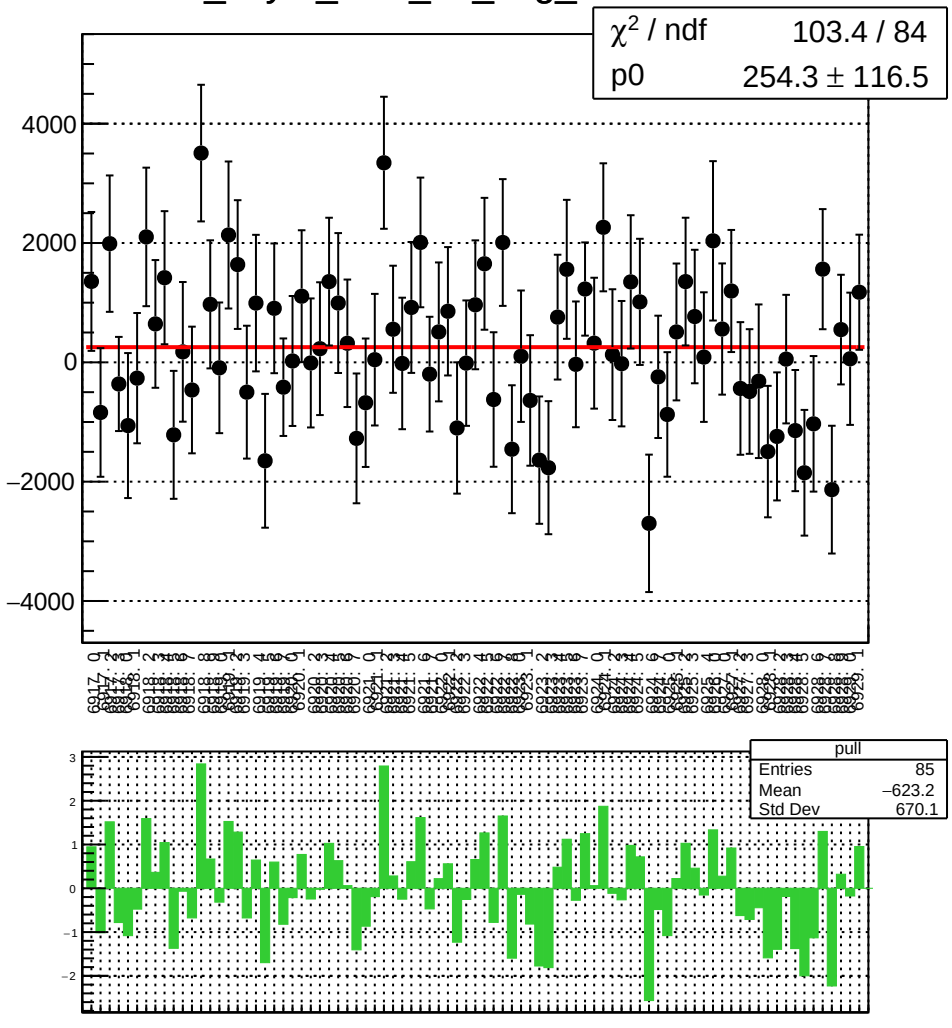

pull1D
Entries 85
Mean 0.006547
Std Dev 0.9835
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

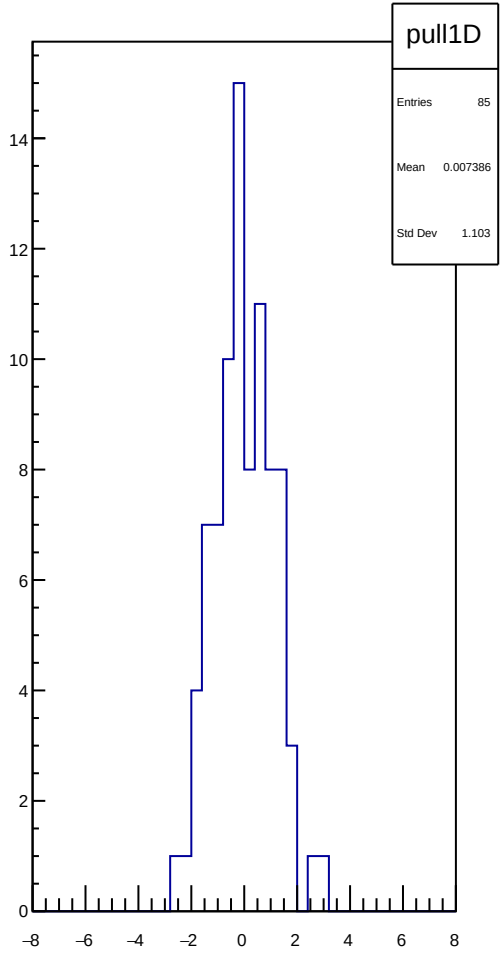

asym_sam_15_avg_correction_rms vs run
χ² / ndf 3827 / 84
p0 343.5 ± 0.2723
390
380
370
360
350
340
330
320
310
300

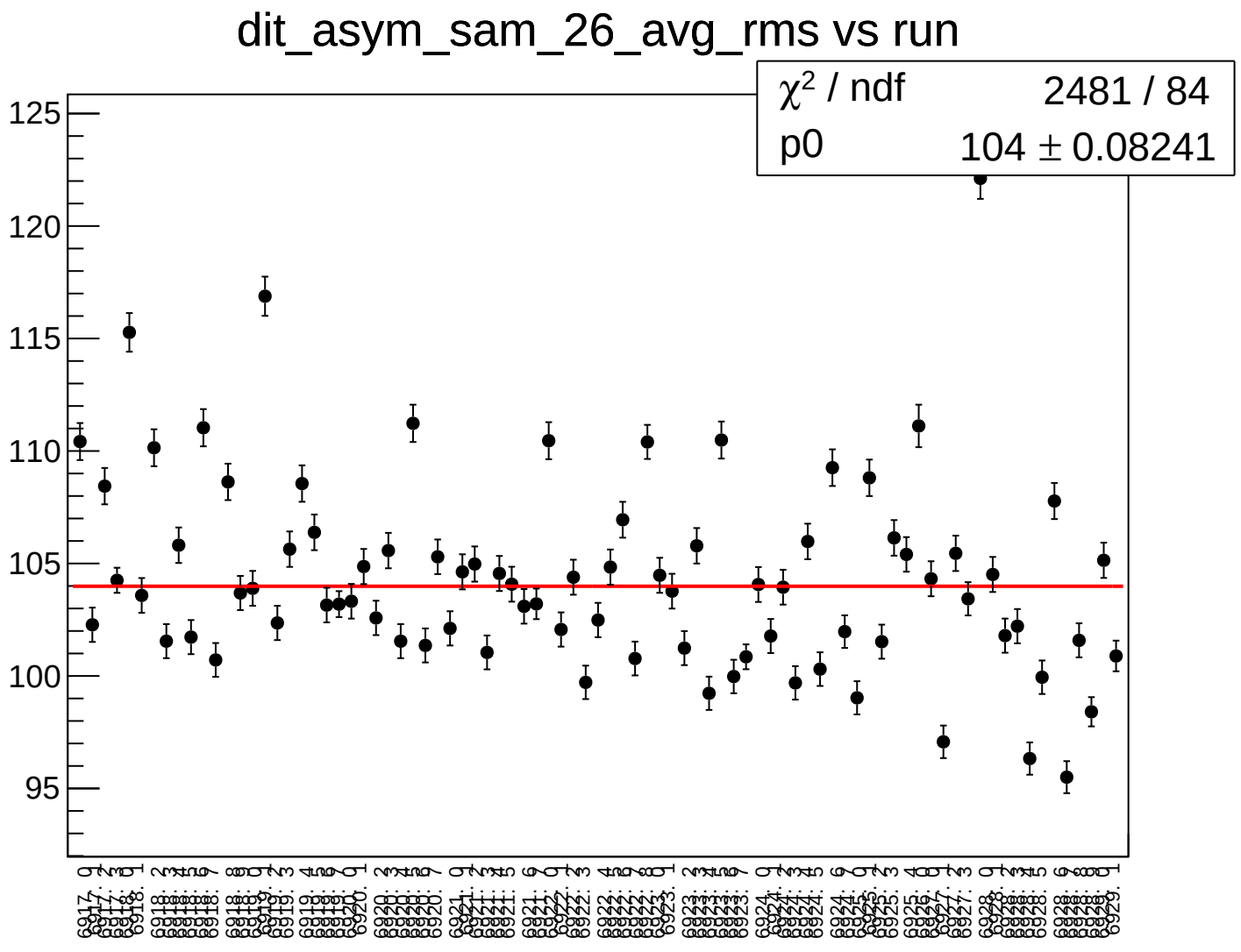

asym_sam_15_avg_mean vs run
χ² / ndf 74.26 / 84
p0 691.3 ± 381
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 127.3
Std Dev 118.1
2
1
0
−1
−2

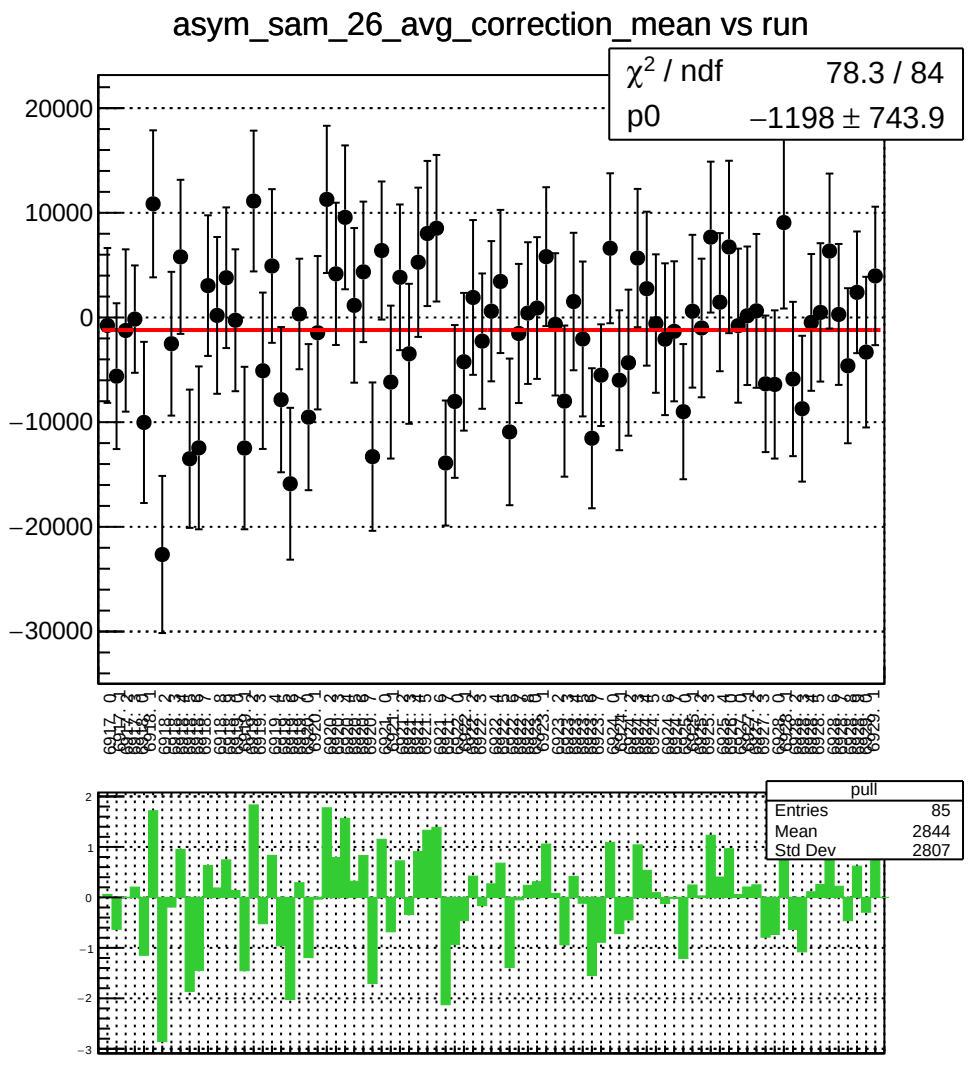

pull1D
Entries 85
Mean −0.00524
Std Dev 0.9347
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

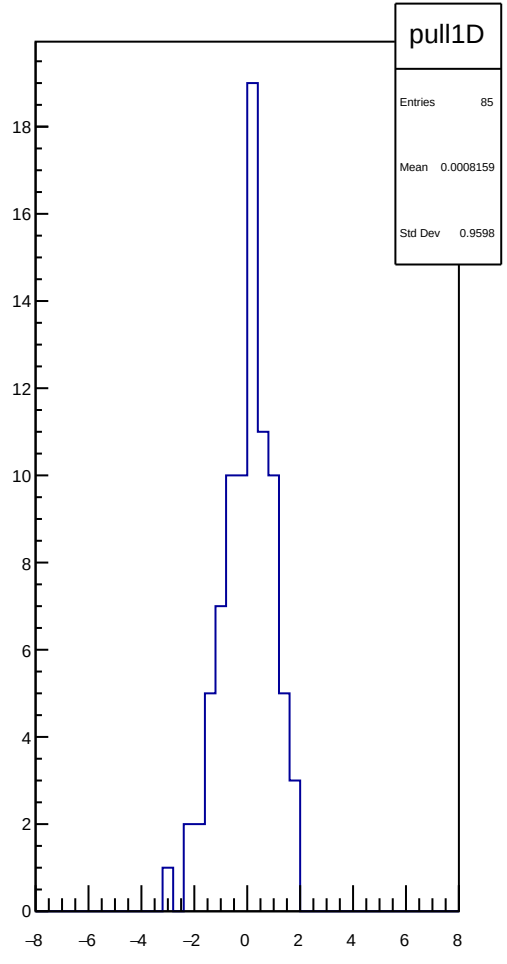

asym_sam_15_avg_rms vs run
χ² / ndf 3809 / 84
p0 339.8 ± 0.2694
380
370
360
350
340
330
320
310
300

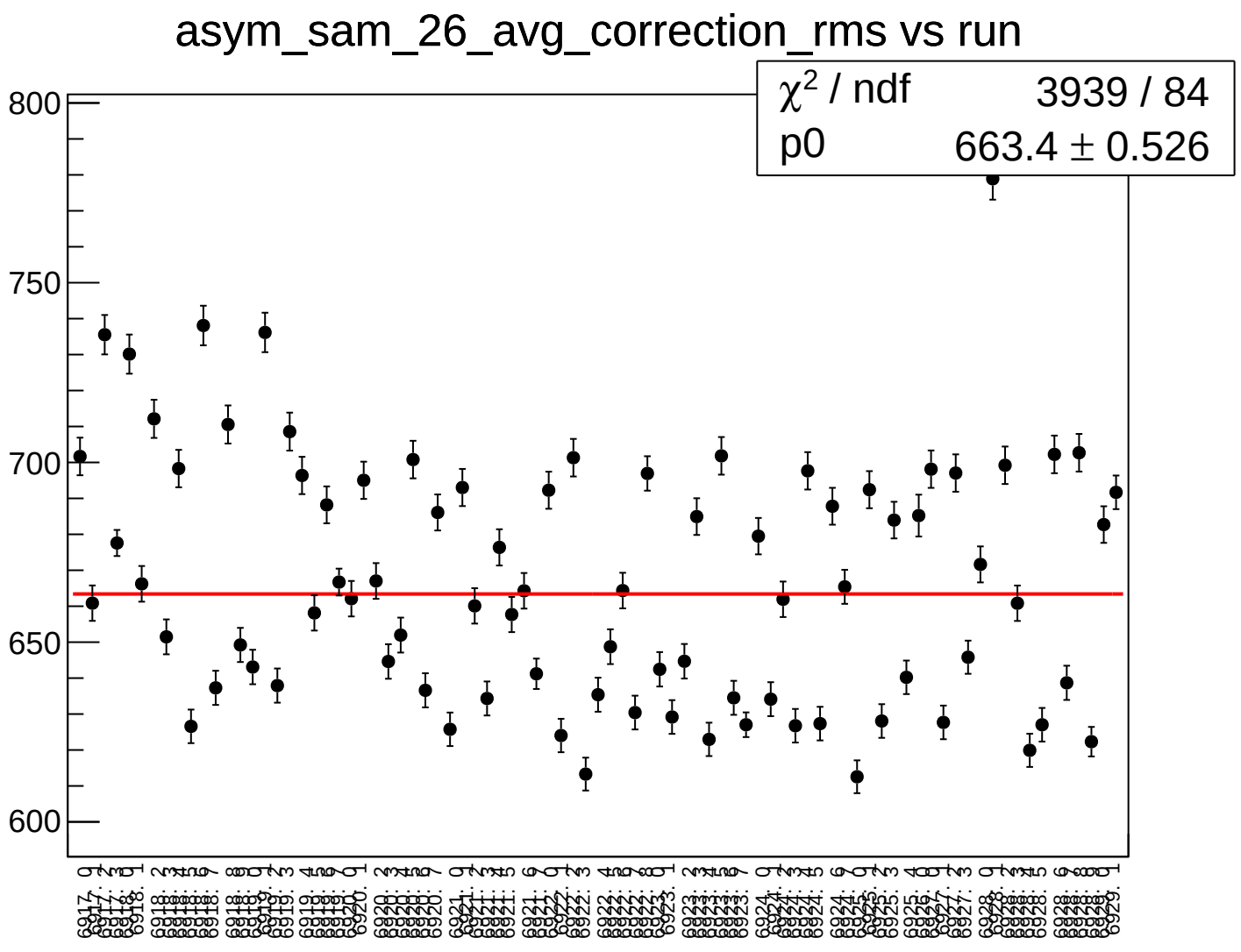

dit_asym_sam_26_avg_mean vs run
χ² / ndf 103.4 / 84
p0 254.3 ± 116.5
4000
2000
0
−2000
−4000
pull
Entries 85
Mean −623.2
Std Dev 670.1
3
2
1
0
−1
−2

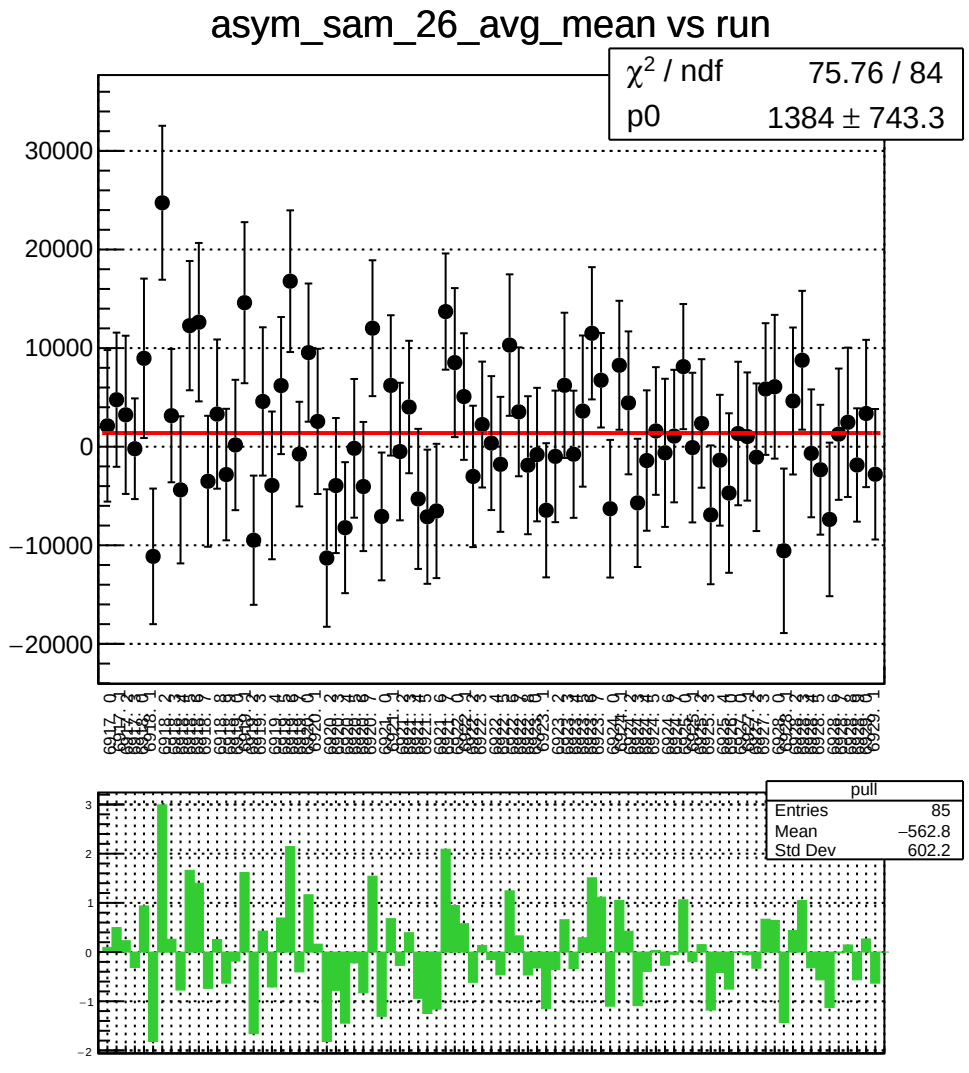

pull1D
Entries 85
Mean 0.007386
Std Dev 1.103
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

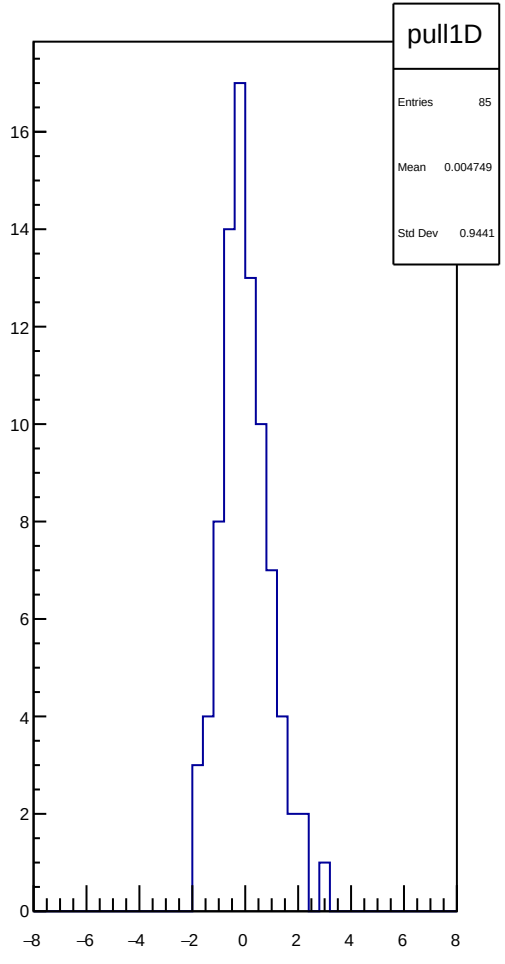

dit_asym_sam_26_avg_rms vs run
χ^2 / ndf 2481 / 84
p0 104 ± 0.08241
125
120
115
110
105
100
95

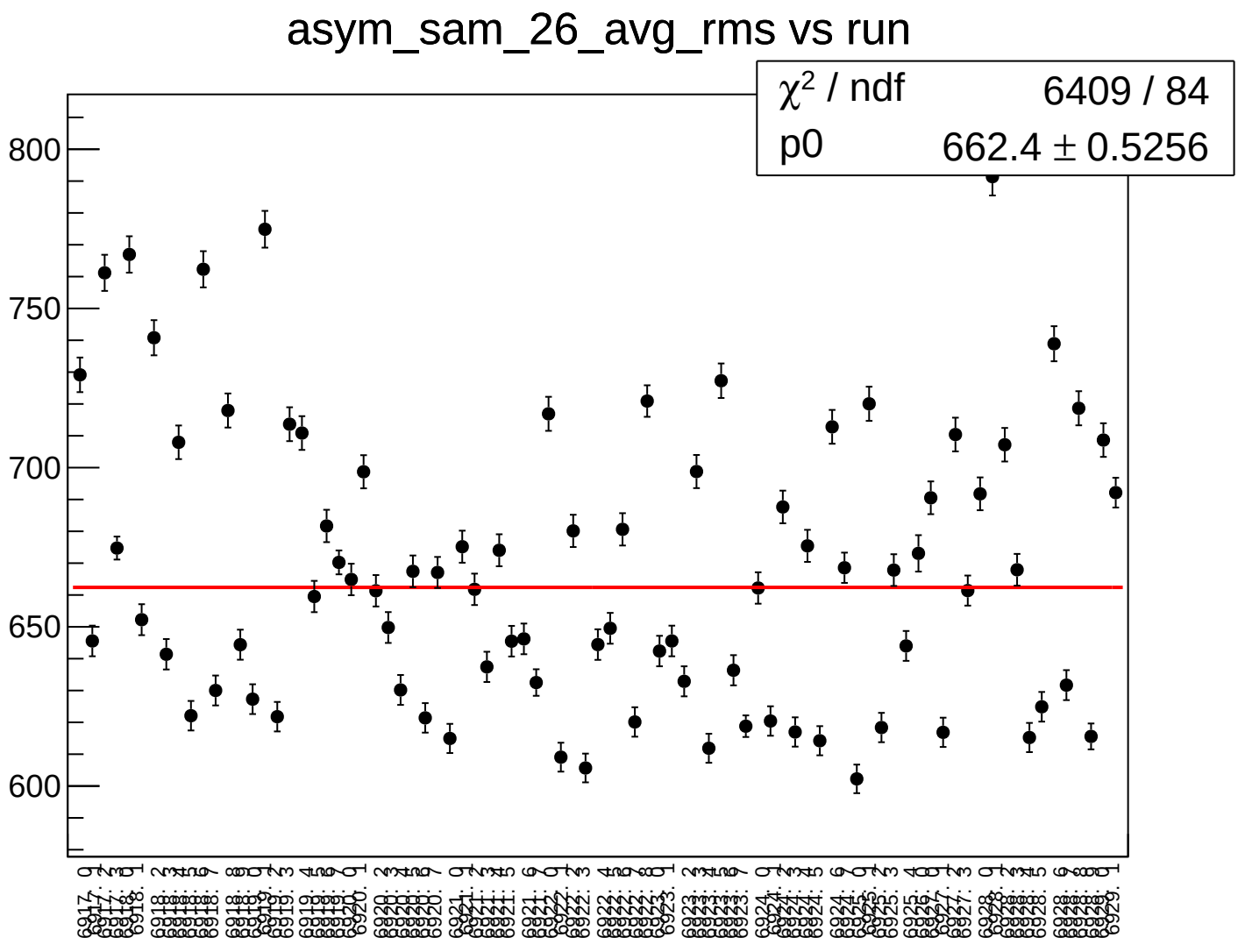

asym_sam_26_avg_correction_mean vs run
χ² / ndf 78.3 / 84
p0 −1198 ± 743.9
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 2844
Std Dev 2807
2
1
0
−1
−2
−3

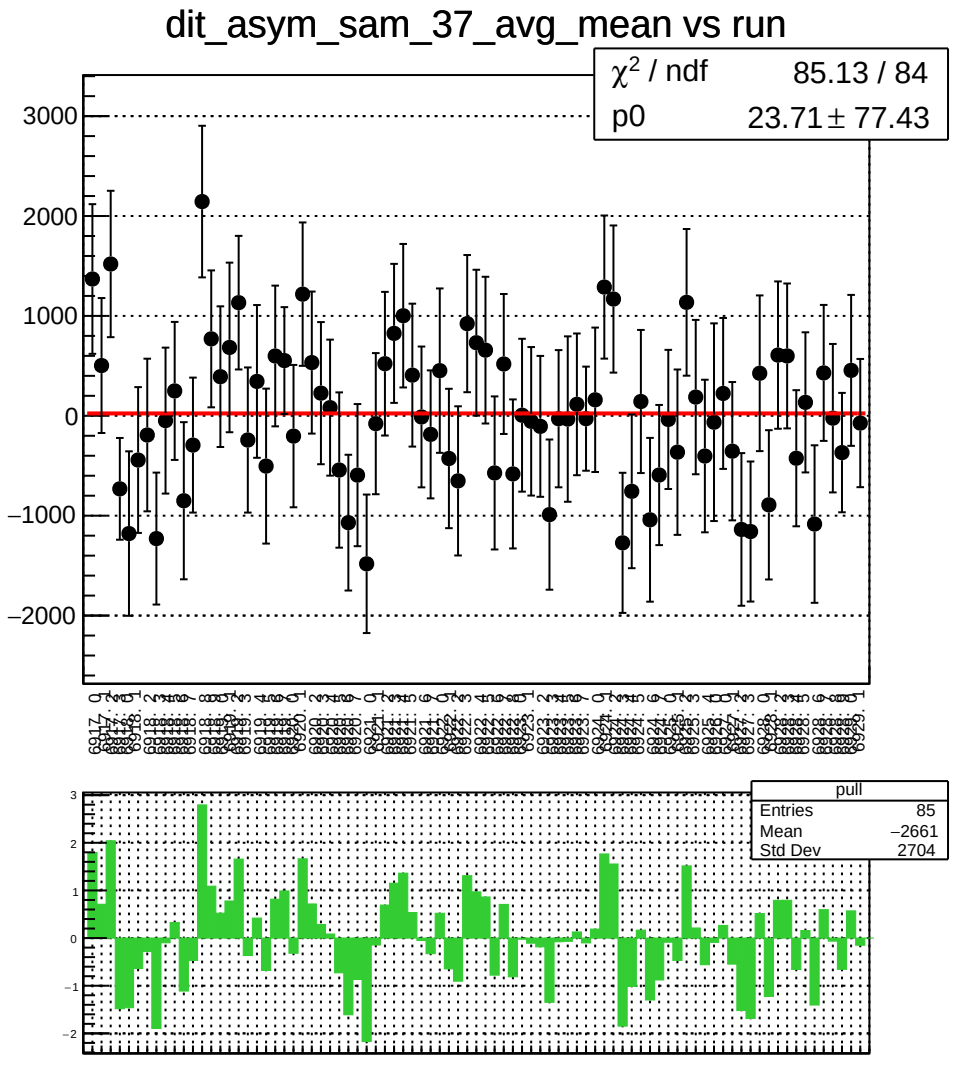

pull1D
Entries 85
Mean 0.0008159
Std Dev 0.9598
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

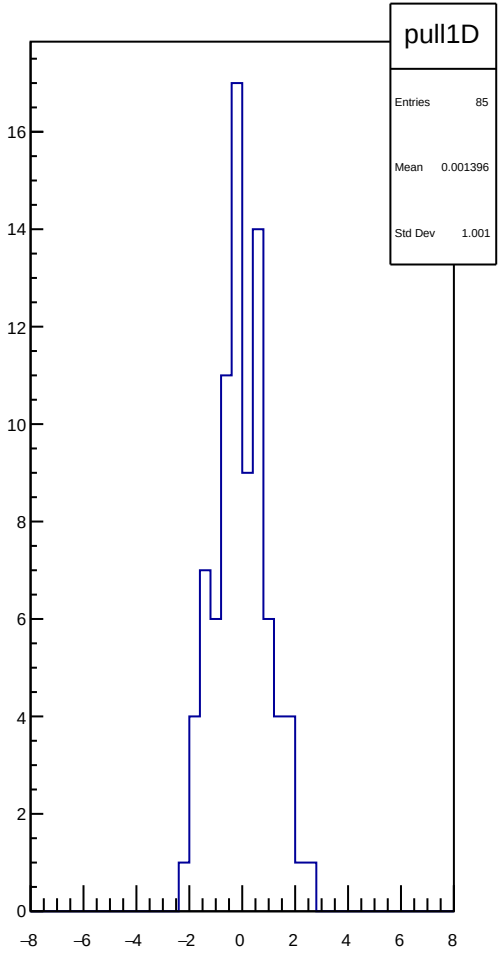

asym_sam_26_avg_correction_rms vs run
χ^2 / ndf 3939 / 84
p0 663.4 ± 0.526
800
750
700
650
600

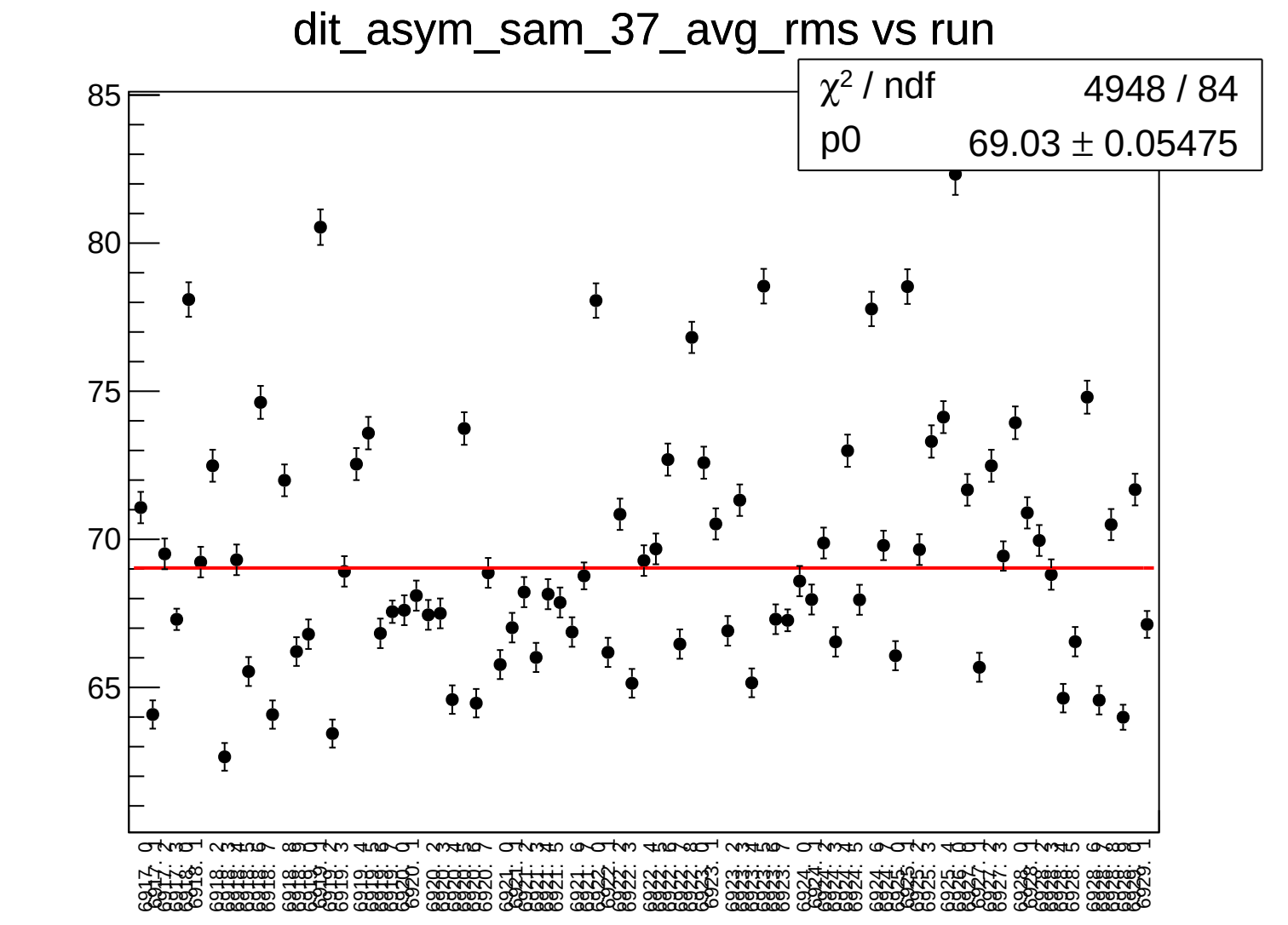

asym_sam_26_avg_mean vs run
χ² / ndf 75.76 / 84
p0 1384 ± 743.3
30000
20000
10000
0
−10000
−20000
pull
Entries 85
Mean −562.8
Std Dev 602.2
3
2
1
0
−1
−2

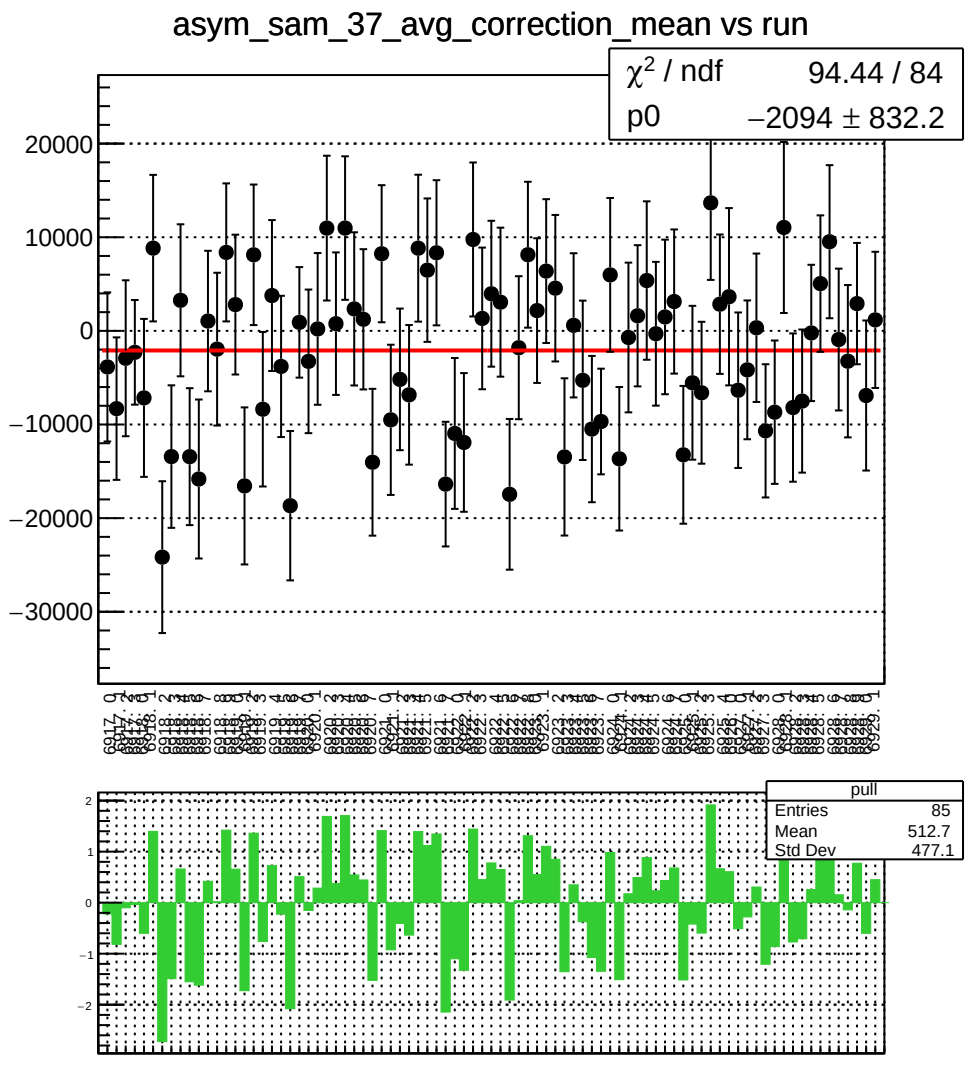

pull1D
Entries 85
Mean 0.004749
Std Dev 0.9441
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

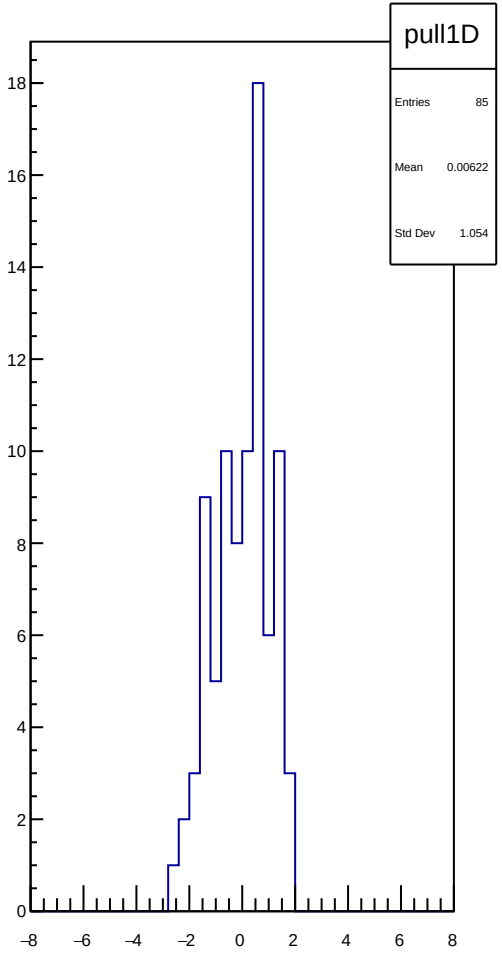

asym_sam_26_avg_rms vs run
χ² / ndf 6409 / 84
p0 662.4 ± 0.5256
800
750
700
650
600

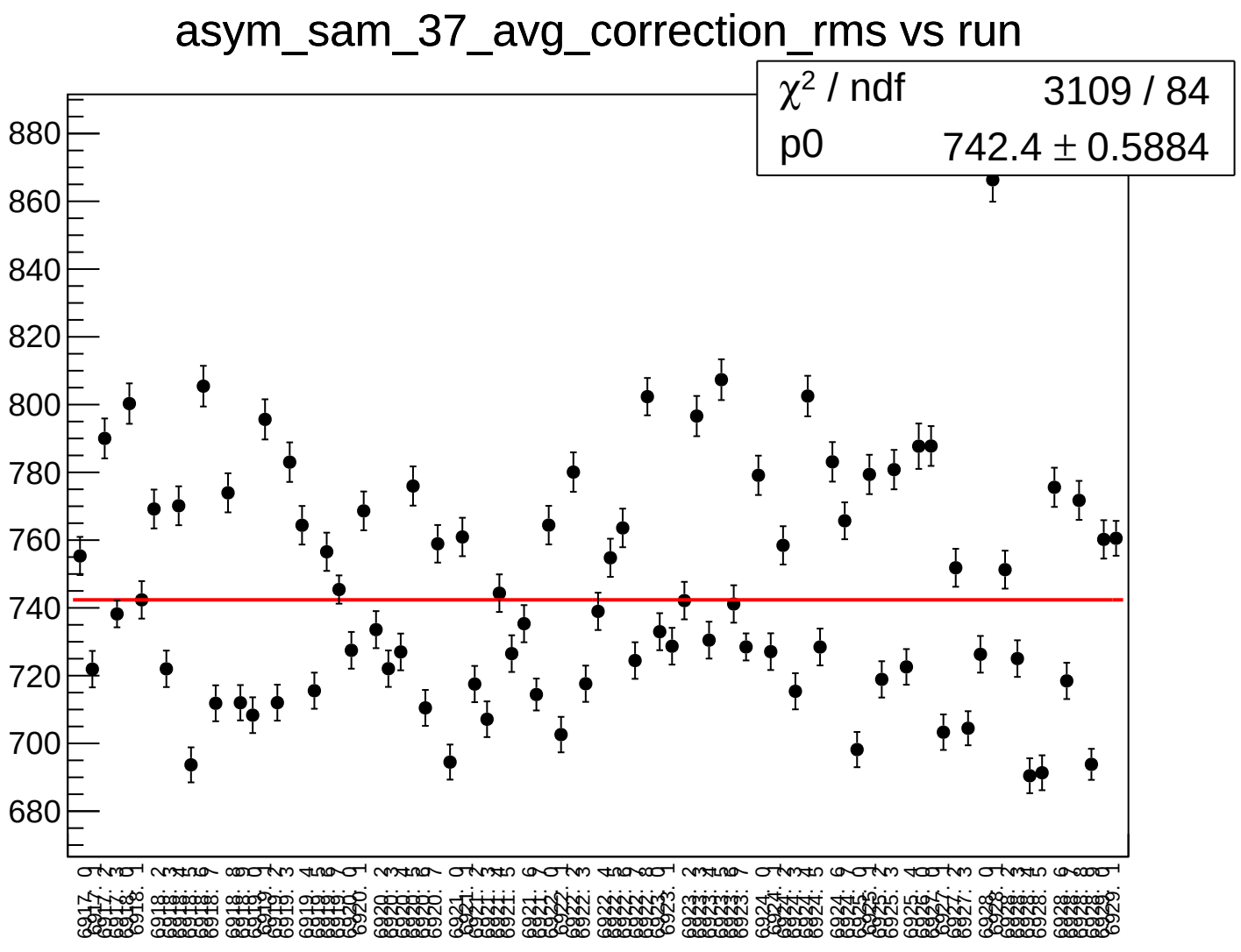

dit_asym_sam_37_avg_mean vs run
χ² / ndf 85.13 / 84
p0 23.71 ± 77.43
3000
2000
1000
0
−1000
−2000
pull
Entries 85
Mean −2661
Std Dev 2704
3
2
1
0
−1
−2

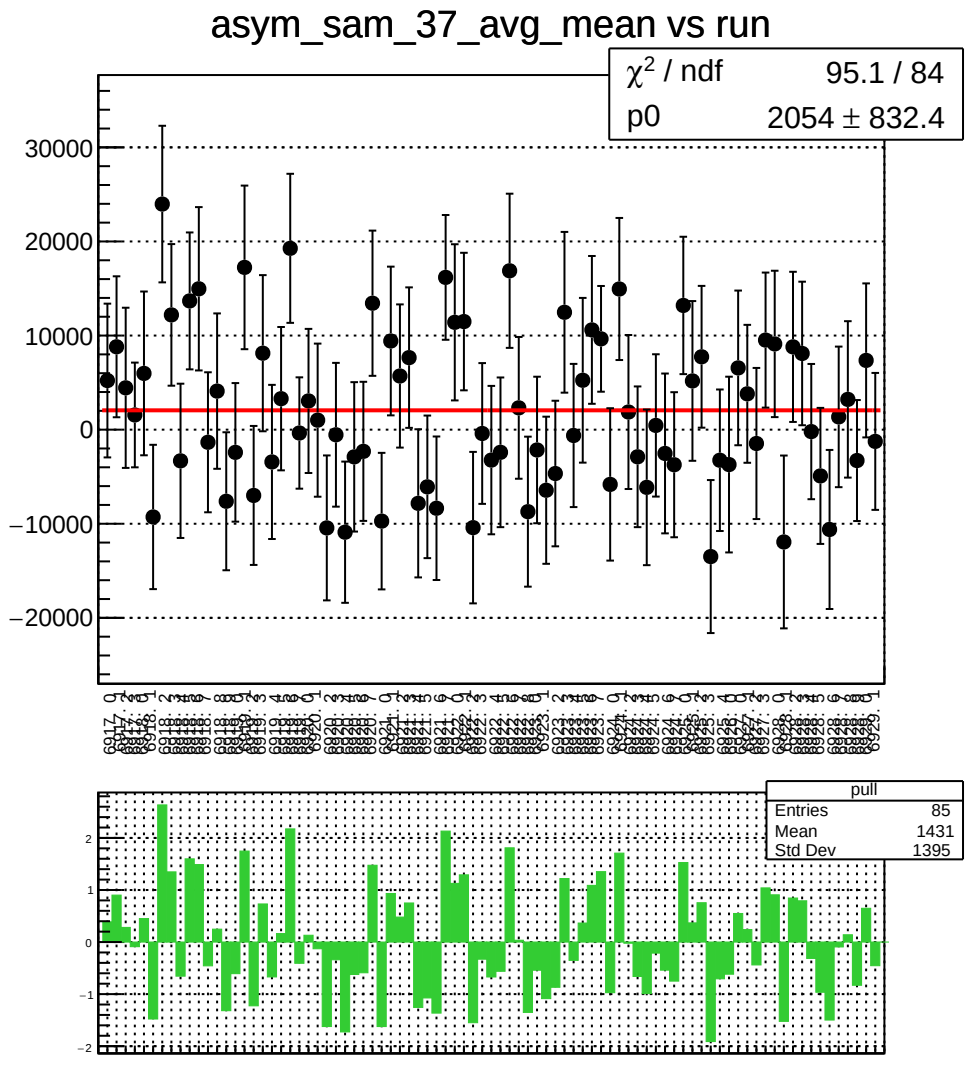

pull1D
Entries 85
Mean 0.001396
Std Dev 1.001
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

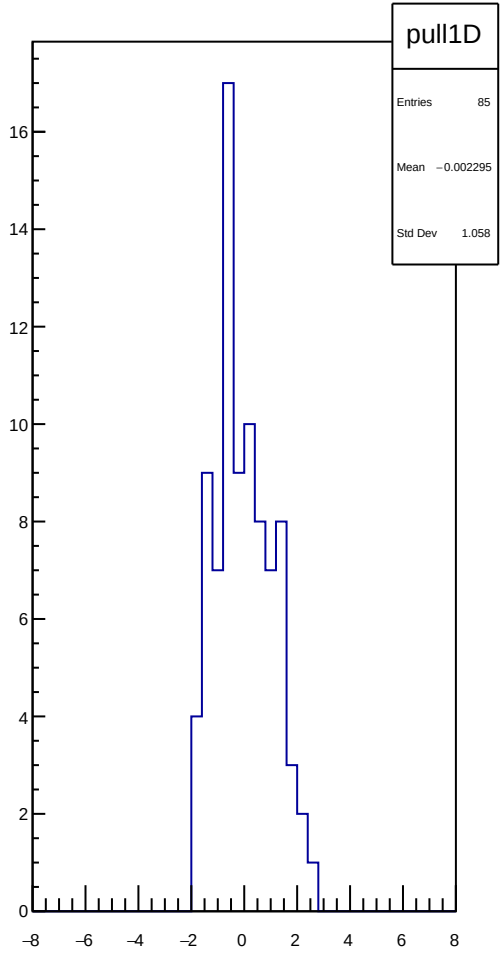

dit_asym_sam_37_avg_rms vs run
χ² / ndf 4948 / 84
p0 69.03 ± 0.05475
85
80
75
70
65

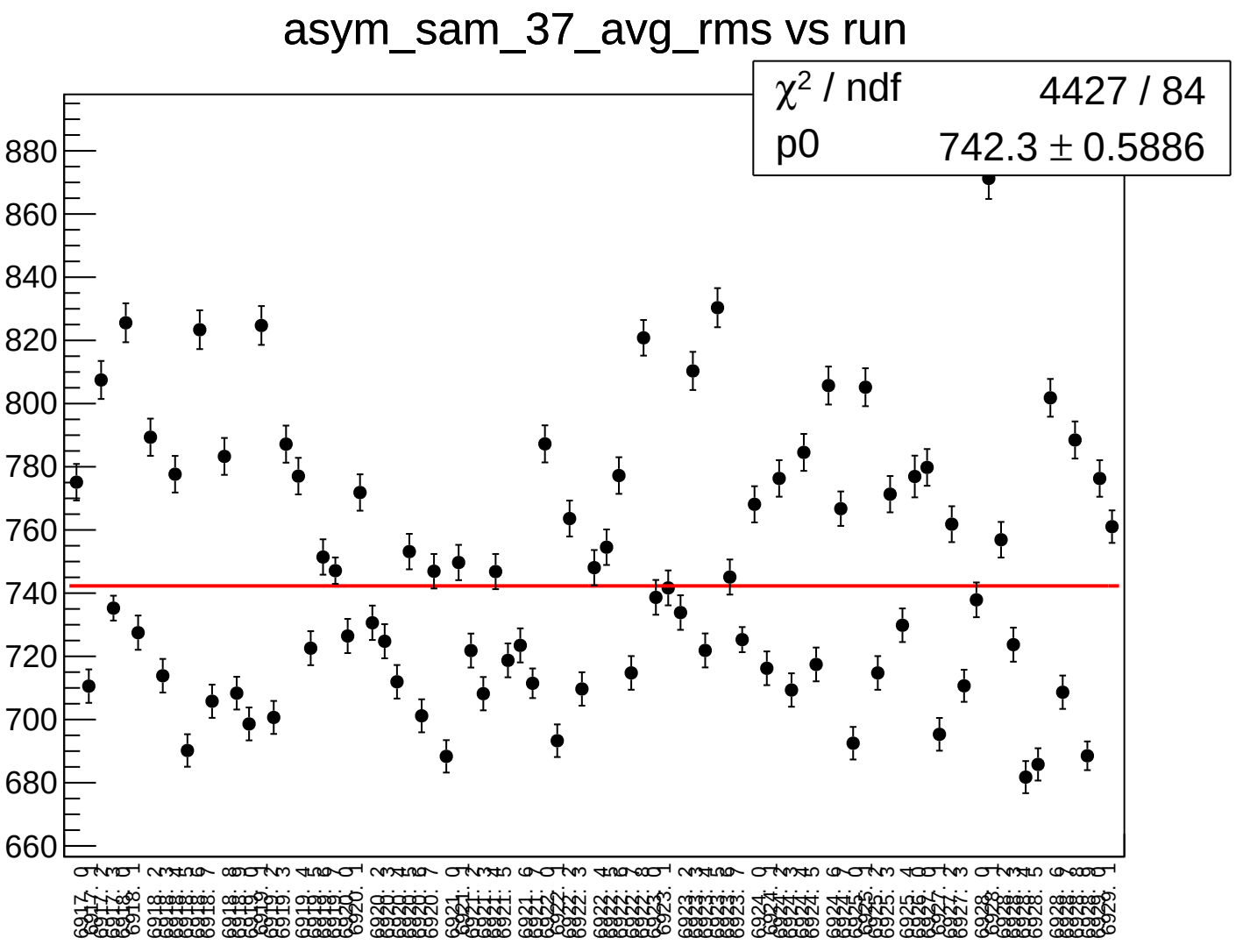

asym_sam_37_avg_correction_mean vs run
χ² / ndf 94.44 / 84
p0 −2094 ± 832.2
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 512.7
Std Dev 477.1
2
1
0
−1
−2

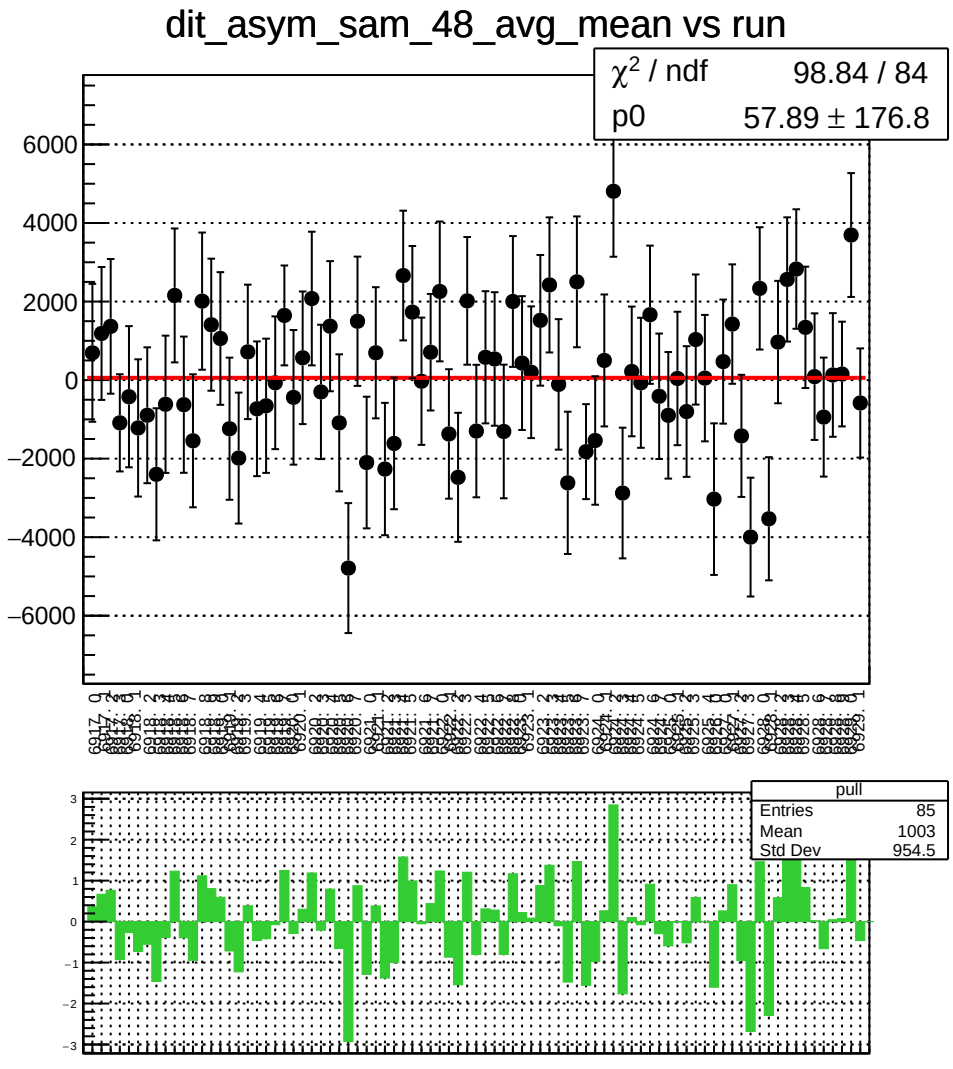

pull1D
Entries 85
Mean 0.00622
Std Dev 1.054
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

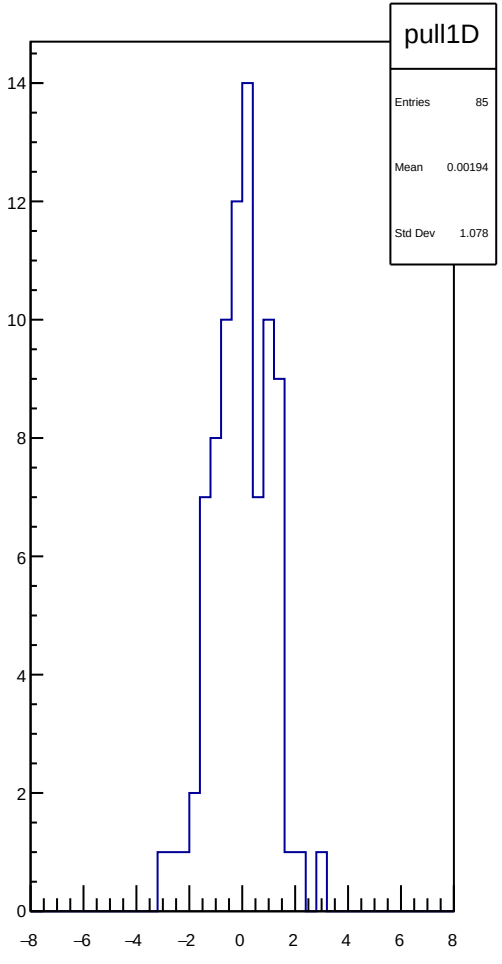

asym_sam_37_avg_correction_rms vs run
χ^2 / ndf 3109 / 84
p0 742.4 ± 0.5884
880
860
840
820
800
780
760
740
720
700
680

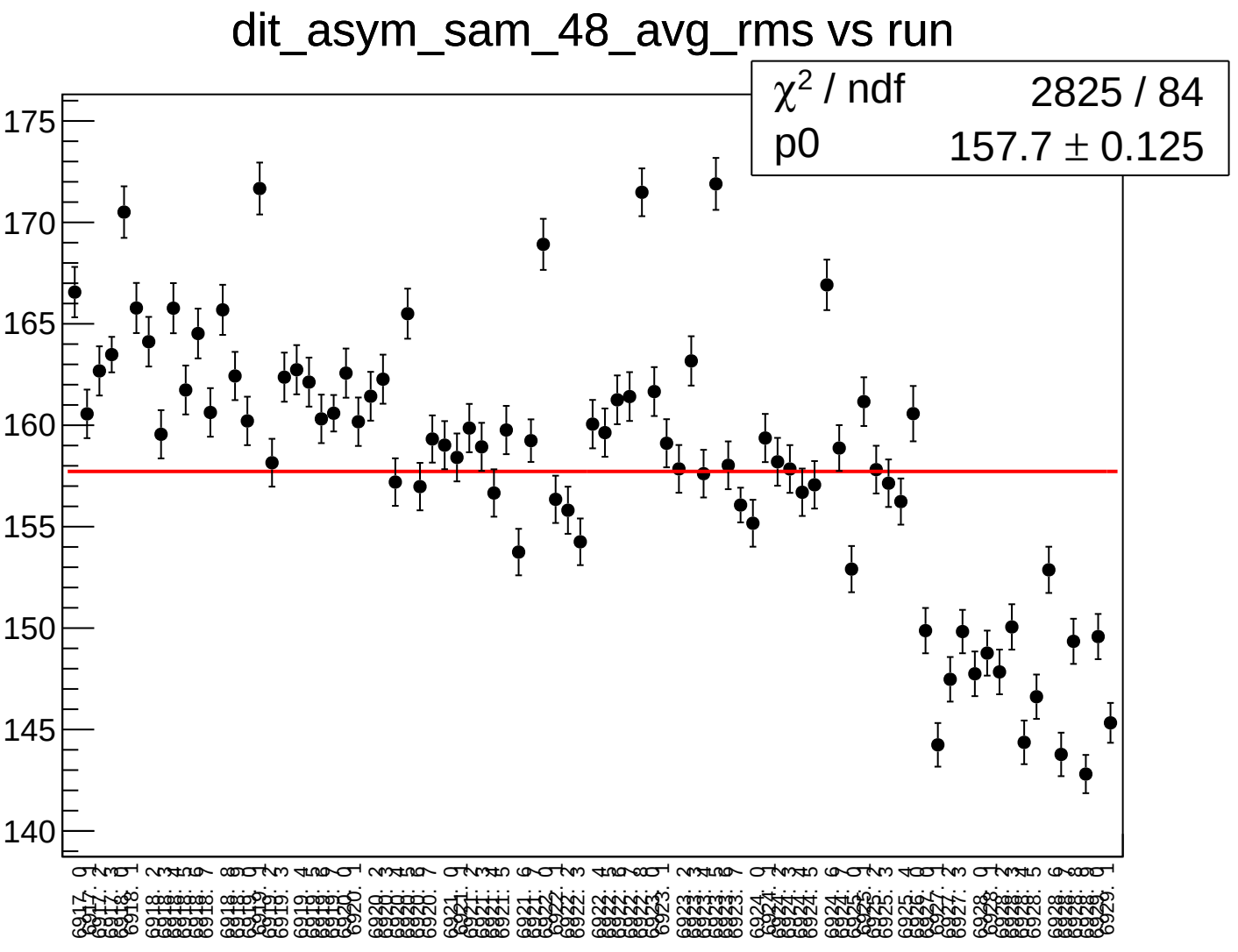

asym_sam_37_avg_mean vs run
χ² / ndf 95.1 / 84
p0 2054 ± 832.4
30000
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 1431
Std Dev 1395
2
1
0
−1
−2

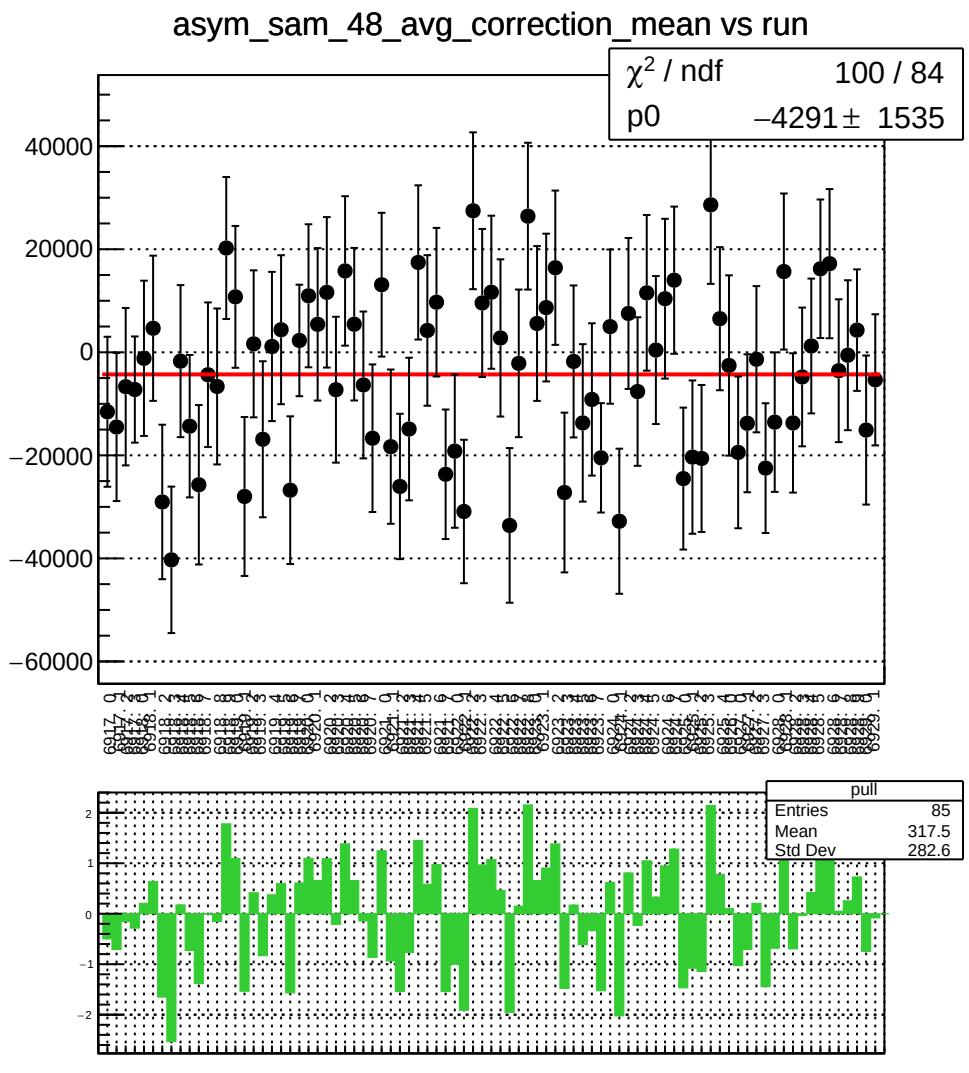

pull1D
Entries 85
Mean −0.002295
Std Dev 1.058
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

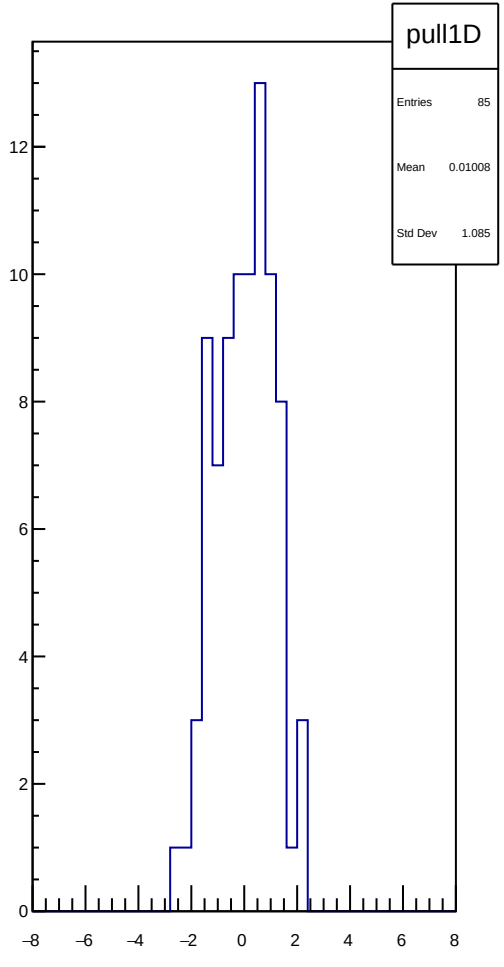

asym_sam_37_avg_rms vs run
χ² / ndf 4427 / 84
p0 742.3 ± 0.5886
880
860
840
820
800
780
760
740
720
700
680
660

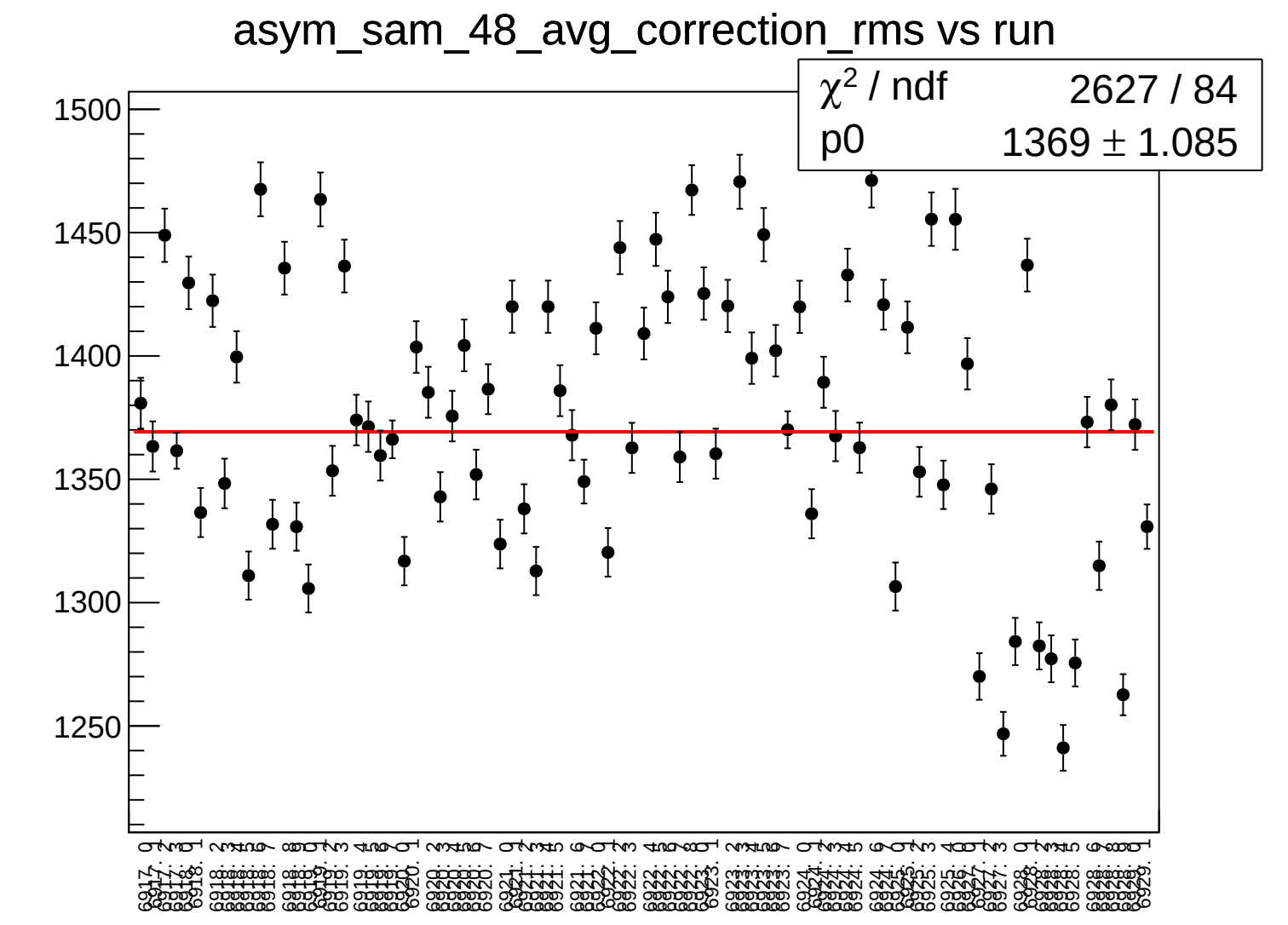

dit_asym_sam_48_avg_mean vs run
χ² / ndf 98.84 / 84
p0 57.89 ± 176.8
6000
4000
2000
0
−2000
−4000
−6000
pull
Entries 85
Mean 1003
Std Dev 954.5
3
2
1
0
−1
−2
−3

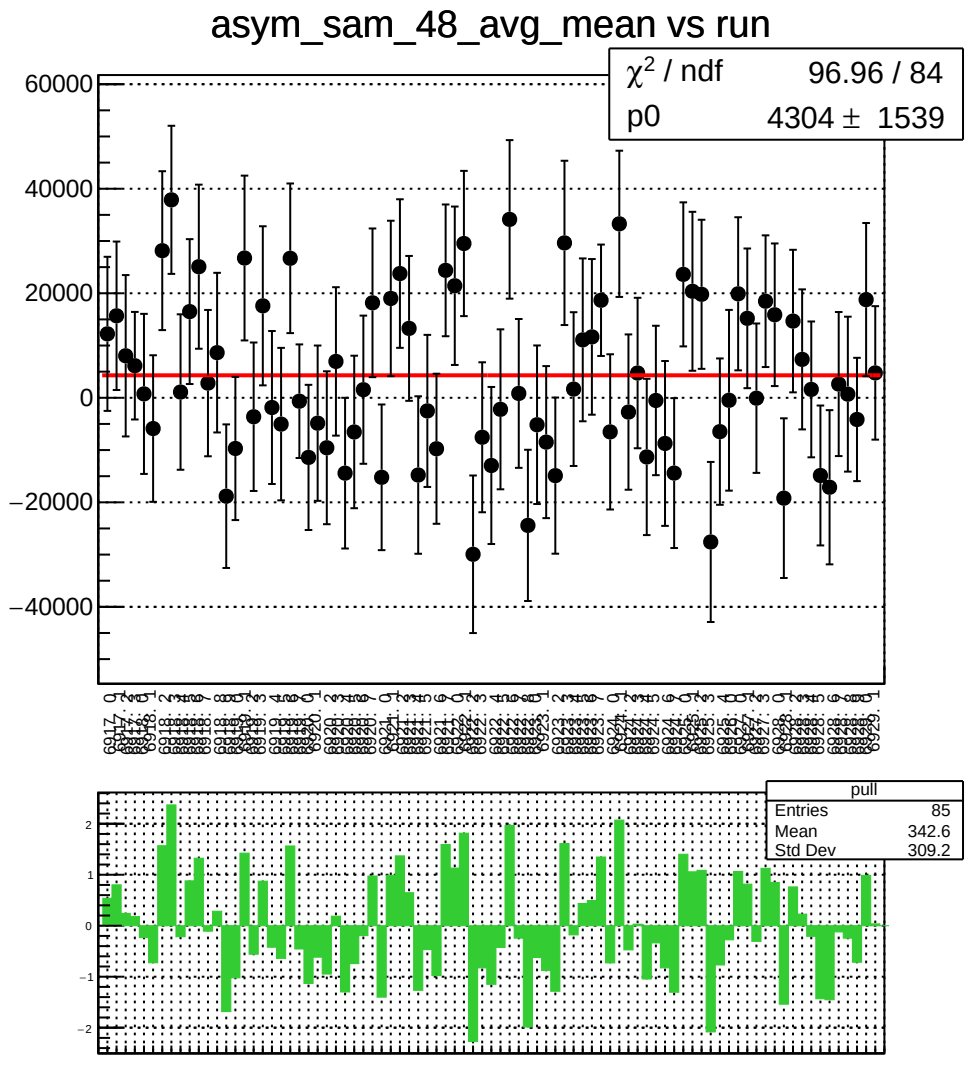

pull1D
Entries 85
Mean 0.00194
Std Dev 1.078
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

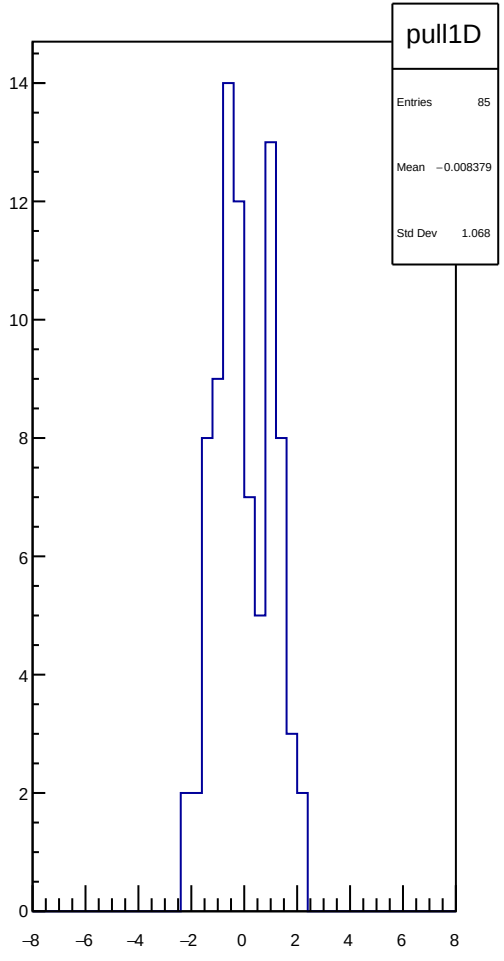

dit_asym_sam_48_avg_rms vs run
χ^2 / ndf 2825 / 84
p0 157.7 ± 0.125
175
170
165
160
155
150
145
140

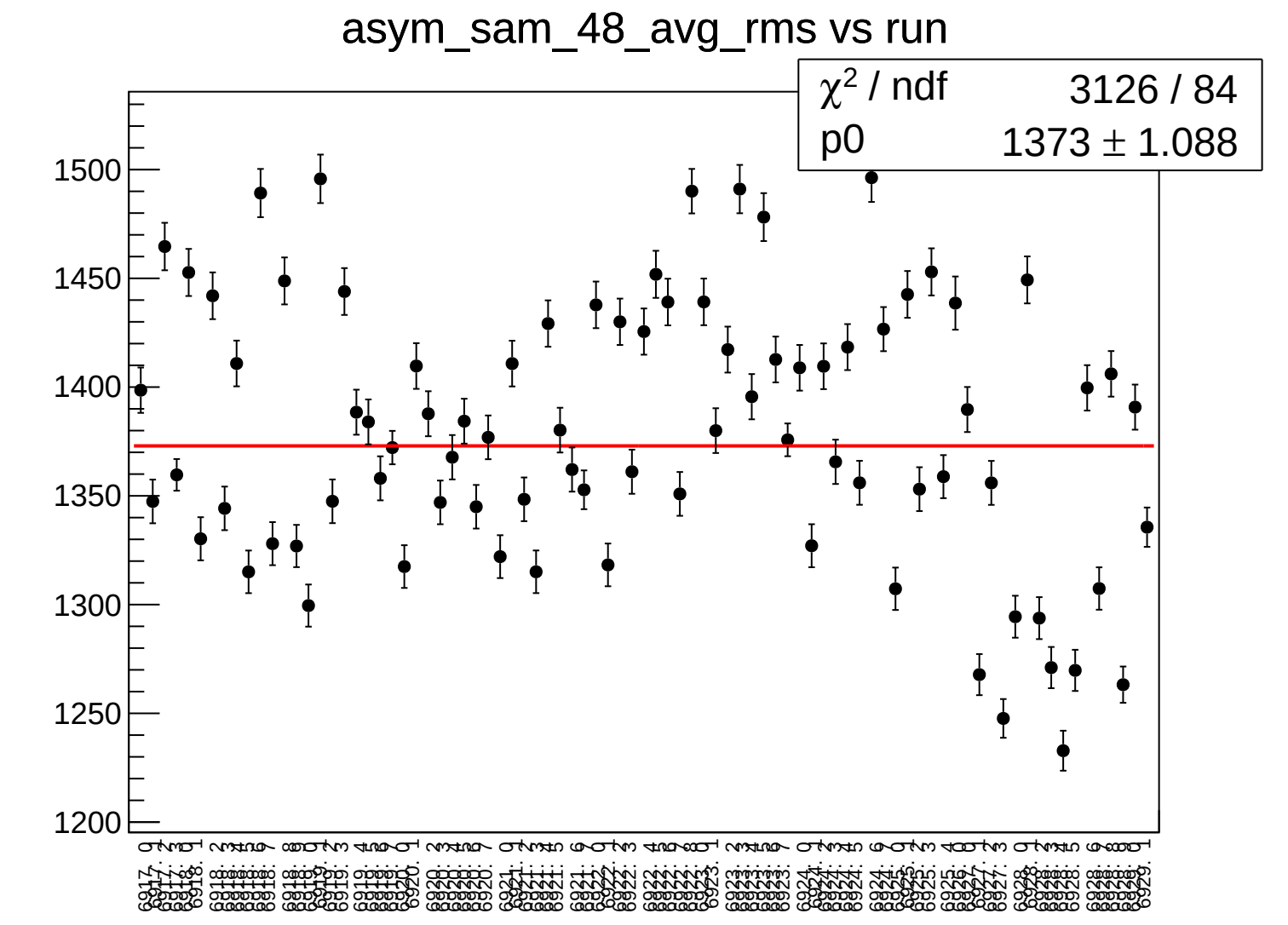

asym_sam_48_avg_correction_mean vs run
χ² / ndf 100 / 84
p0 −4291 ± 1535
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean 317.5
Std Dev 282.6
2
1
0
−1
−2

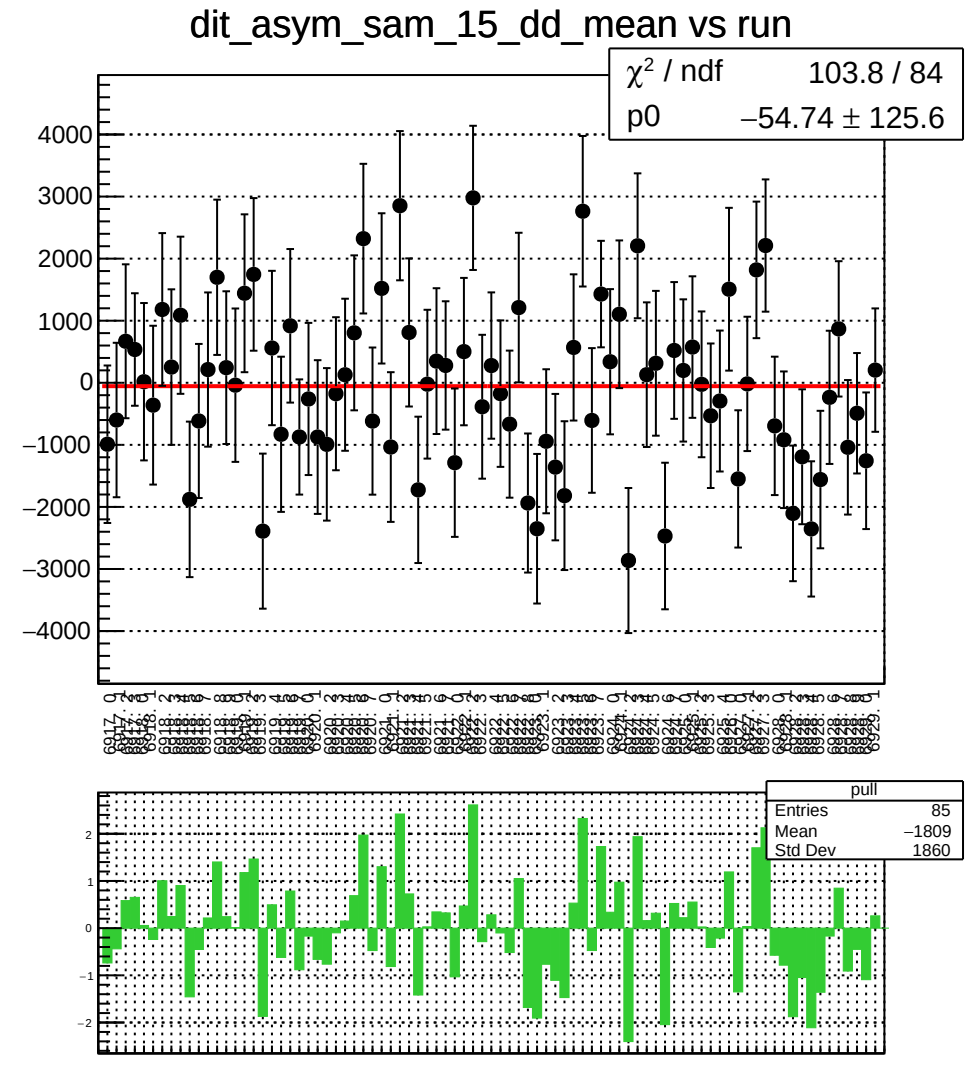

pull1D
Entries 85
Mean 0.01008
Std Dev 1.085
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

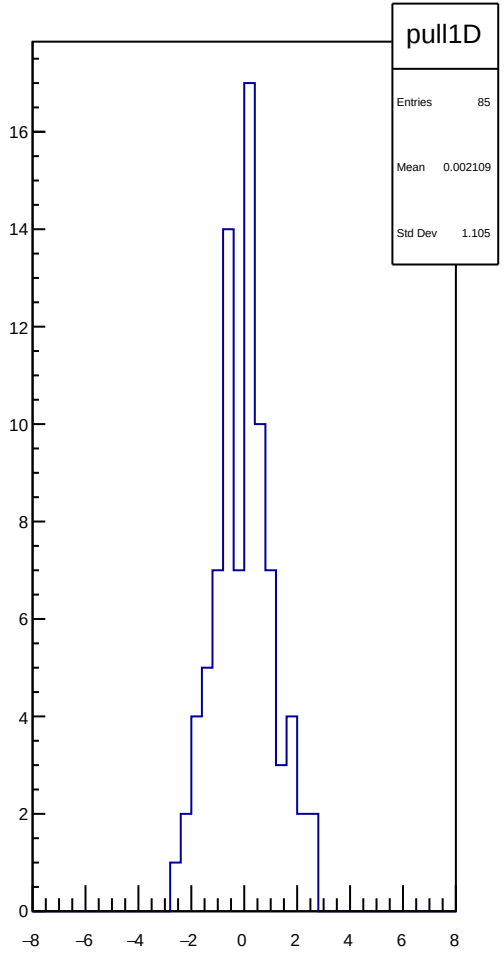

asym_sam_48_avg_correction_rms vs run
χ² / ndf 2627 / 84
p0 1369 ± 1.085
1500
1450
1400
1350
1300
1250

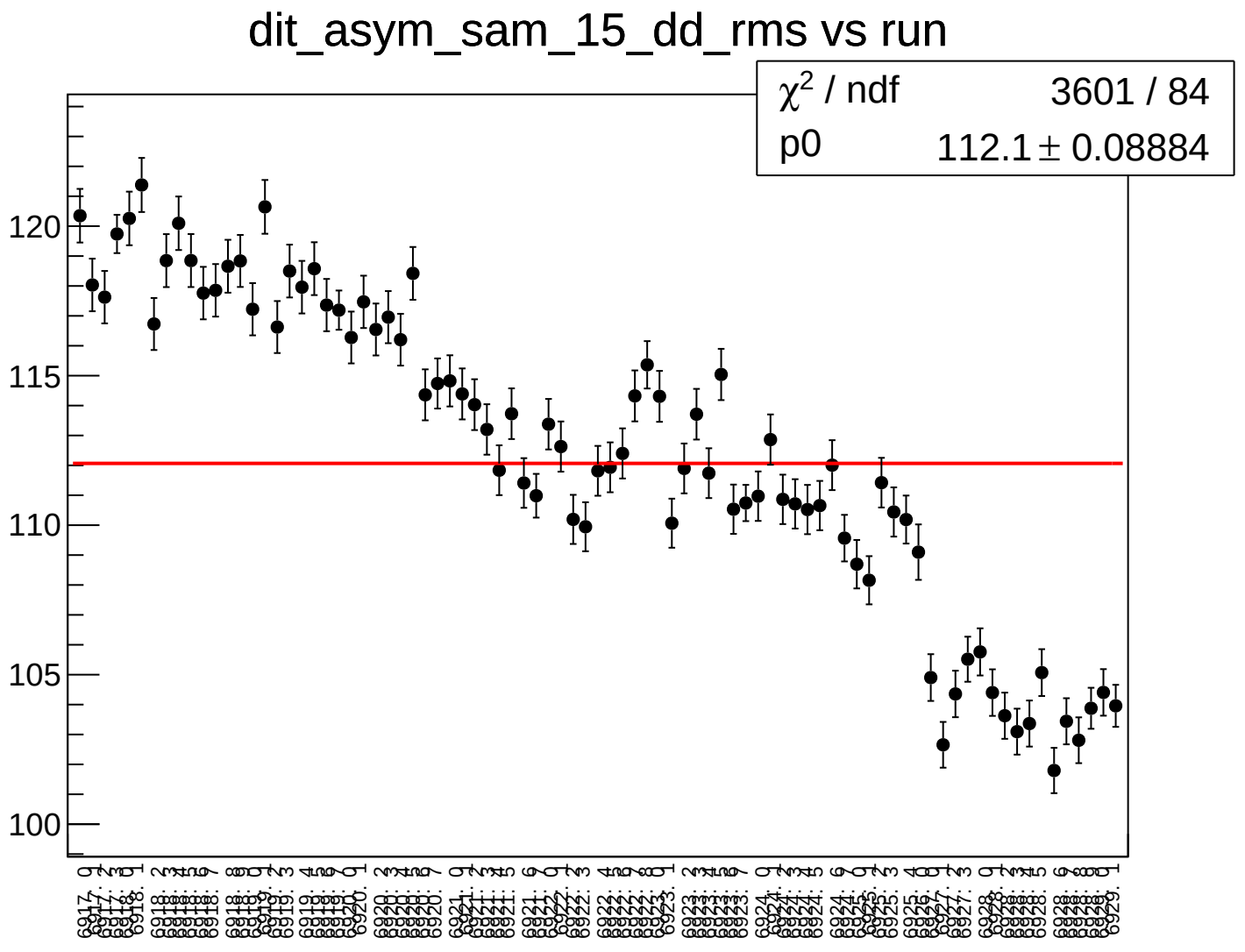

asym_sam_48_avg_mean vs run
χ² / ndf 96.96 / 84
p0 4304 ± 1539
pull
Entries 85
Mean 342.6
Std Dev 309.2

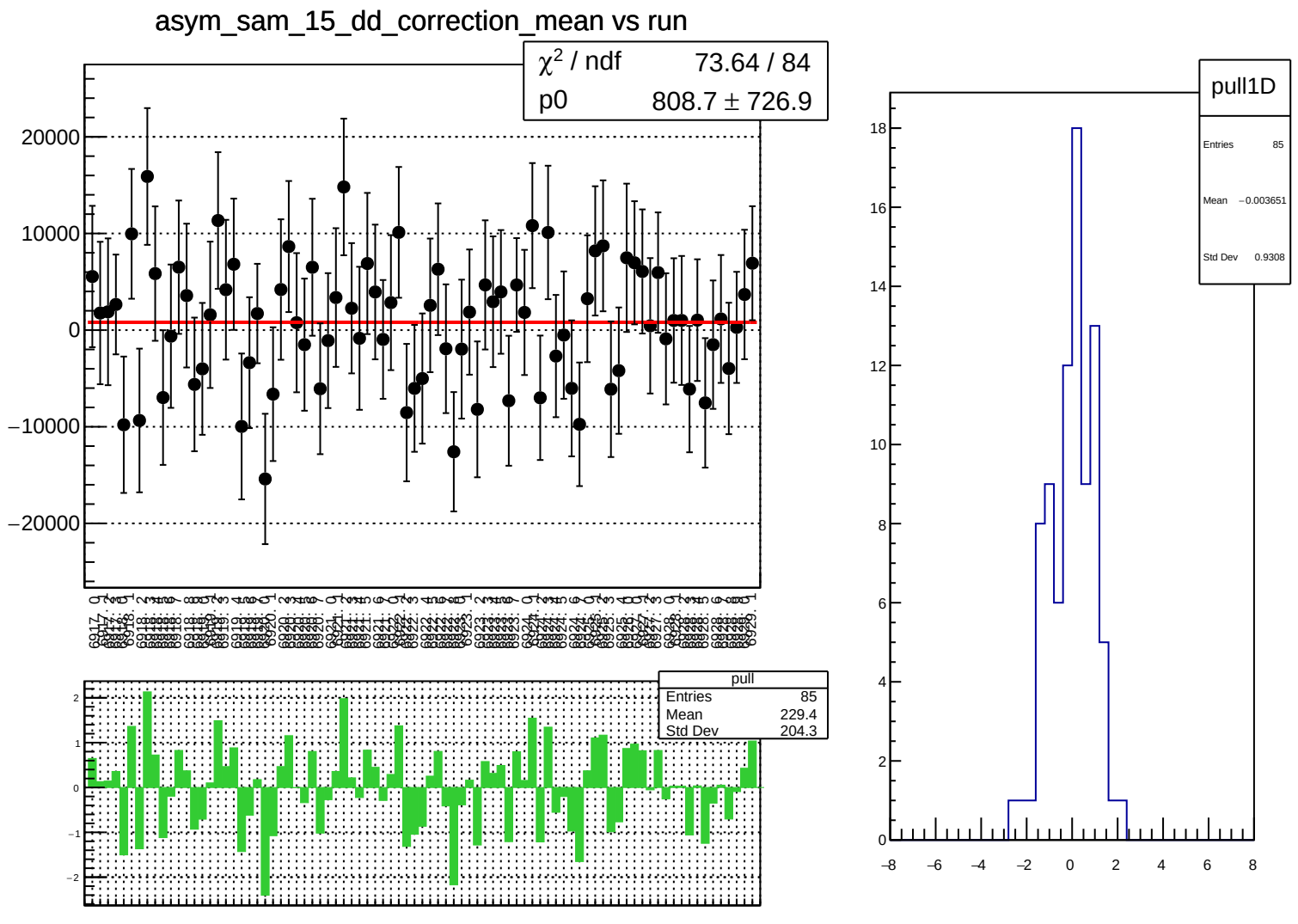

pull1D
Entries 85
Mean −0.008379
Std Dev 1.068

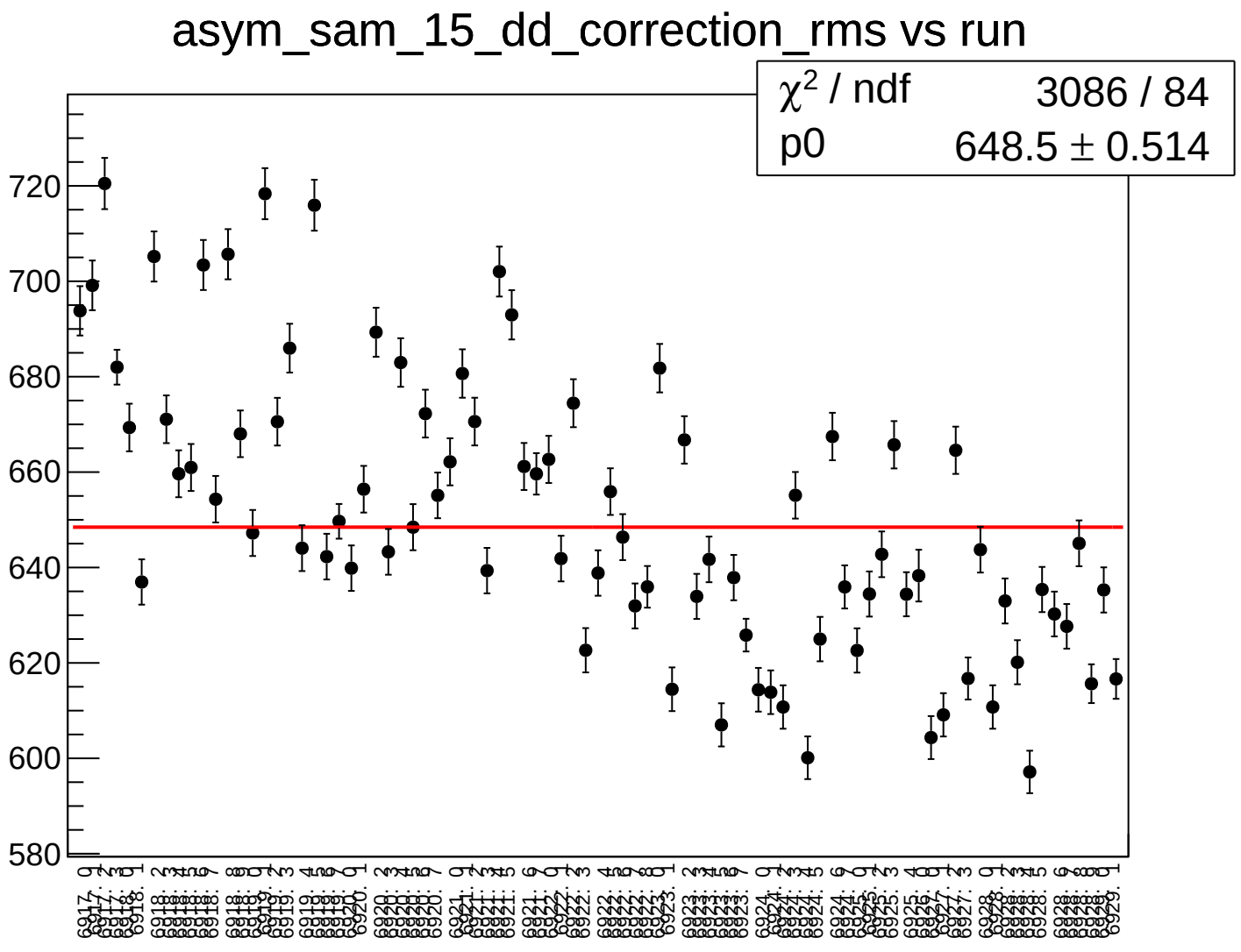

asym_sam_48_avg_rms vs run
χ^2 / ndf 3126 / 84
p0 1373 ± 1.088
1500
1450
1400
1350
1300
1250
1200

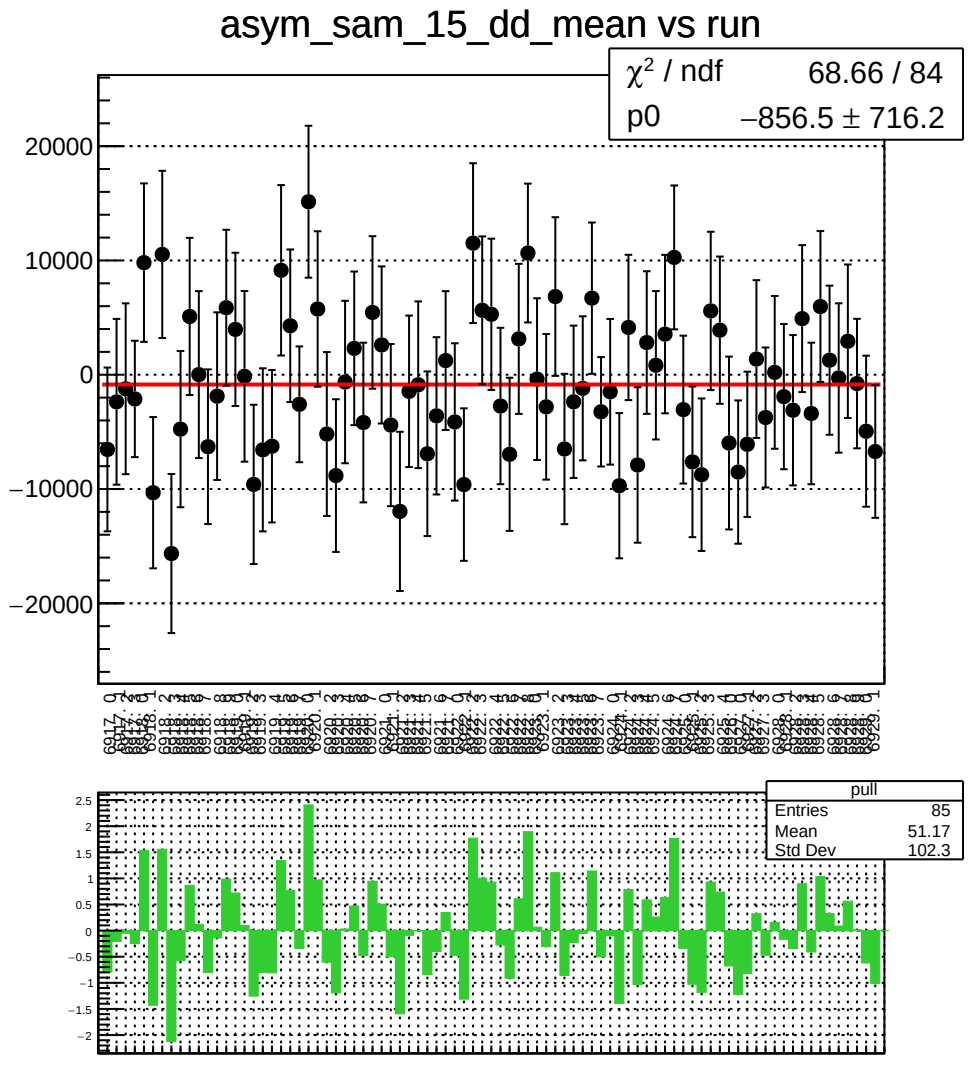

dit_asym_sam_15_dd_mean vs run
χ² / ndf 103.8 / 84
p0 −54.74 ± 125.6
pull
Entries 85
Mean −1809
Std Dev 1860

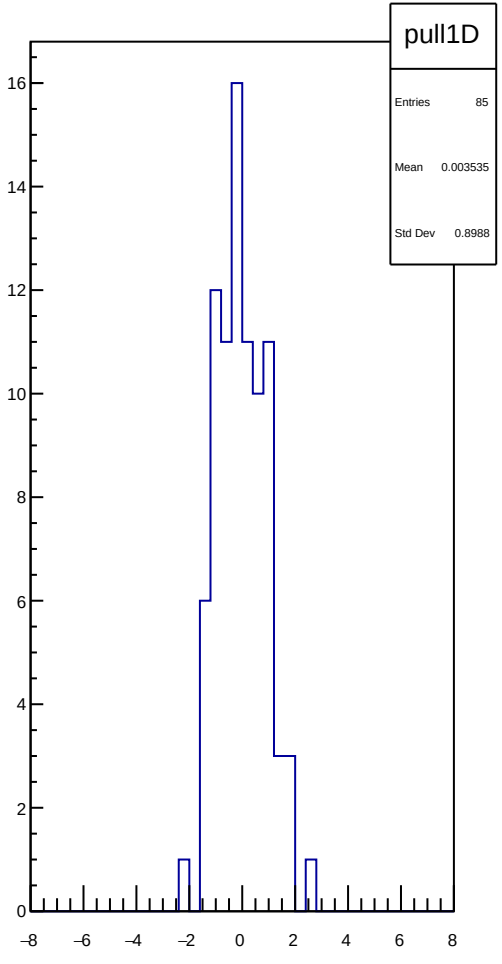

pull1D
Entries 85
Mean 0.002109
Std Dev 1.105

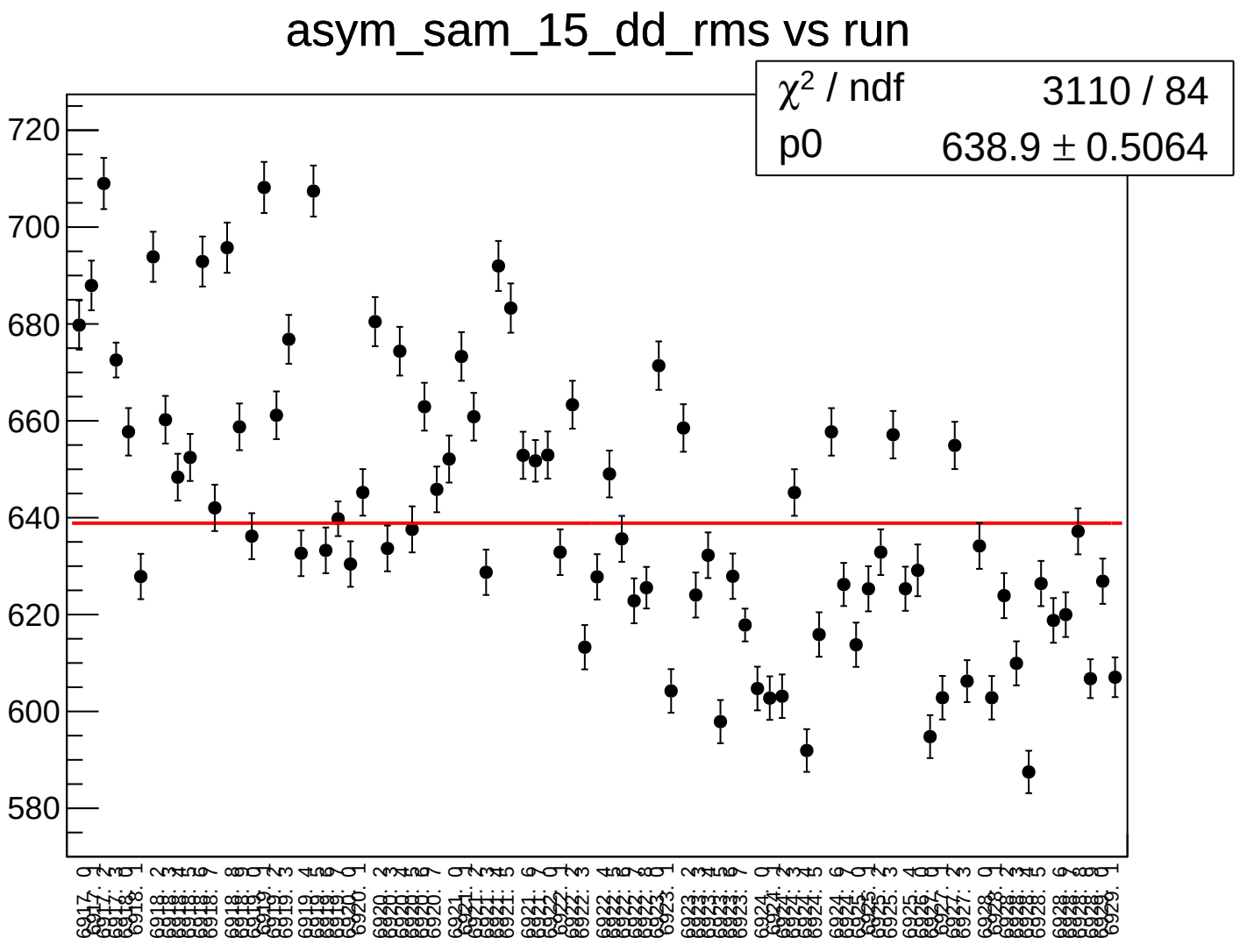

dit_asym_sam_15_dd_rms vs run
χ^2 / ndf 3601 / 84
p0 112.1 ± 0.08884
120
115
110
105
100

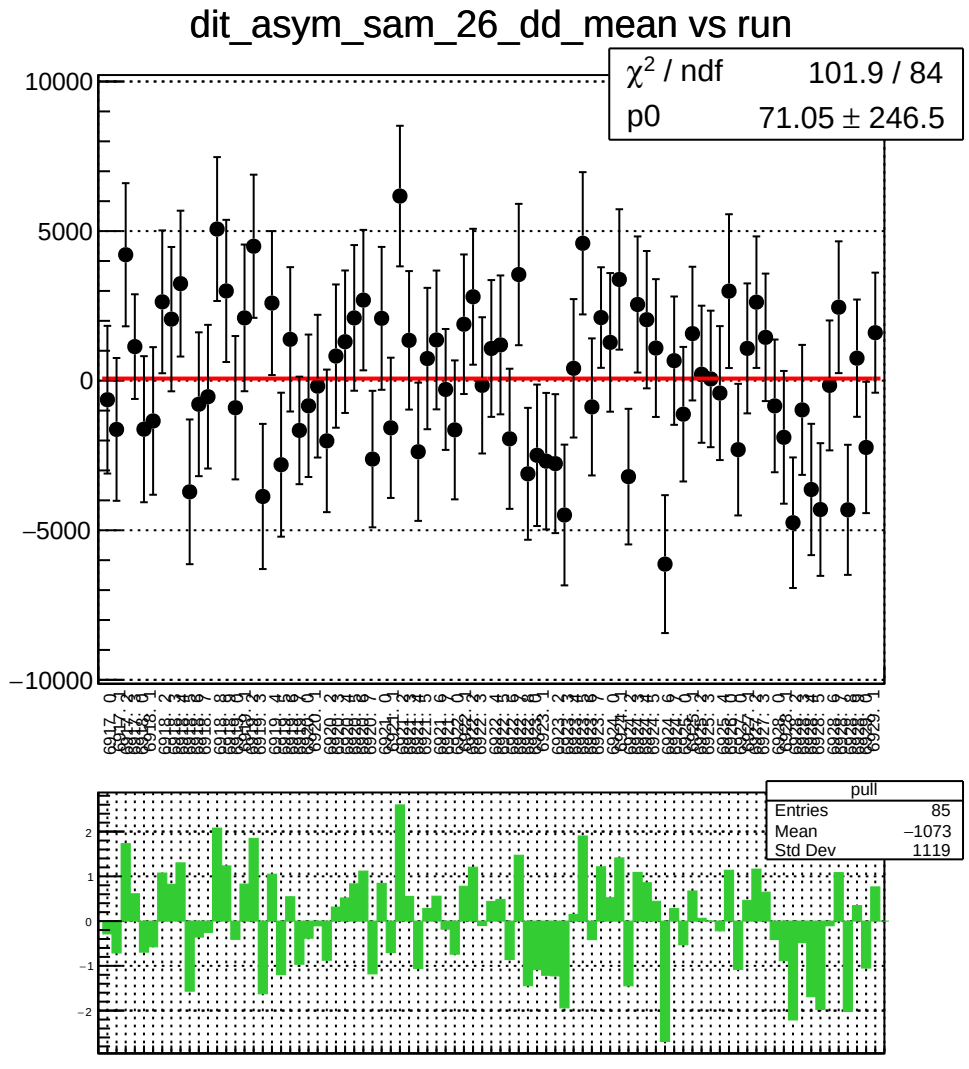

asym_sam_15_dd_correction_mean vs run
χ² / ndf 73.64 / 84
p0 808.7 ± 726.9
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 229.4
Std Dev 204.3
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.003651
Std Dev 0.9308
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

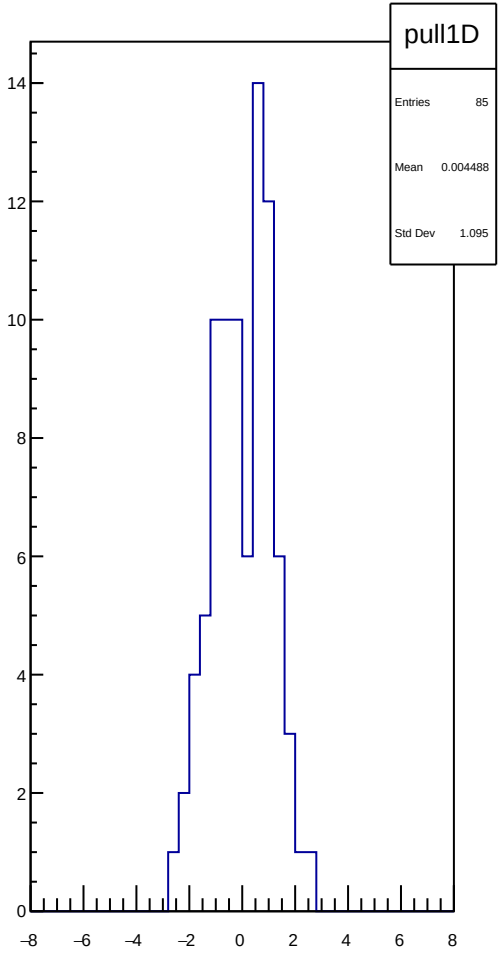

asym_sam_15_dd_correction_rms vs run
χ² / ndf 3086 / 84
p0 648.5 ± 0.514
720
700
680
660
640
620
600
580

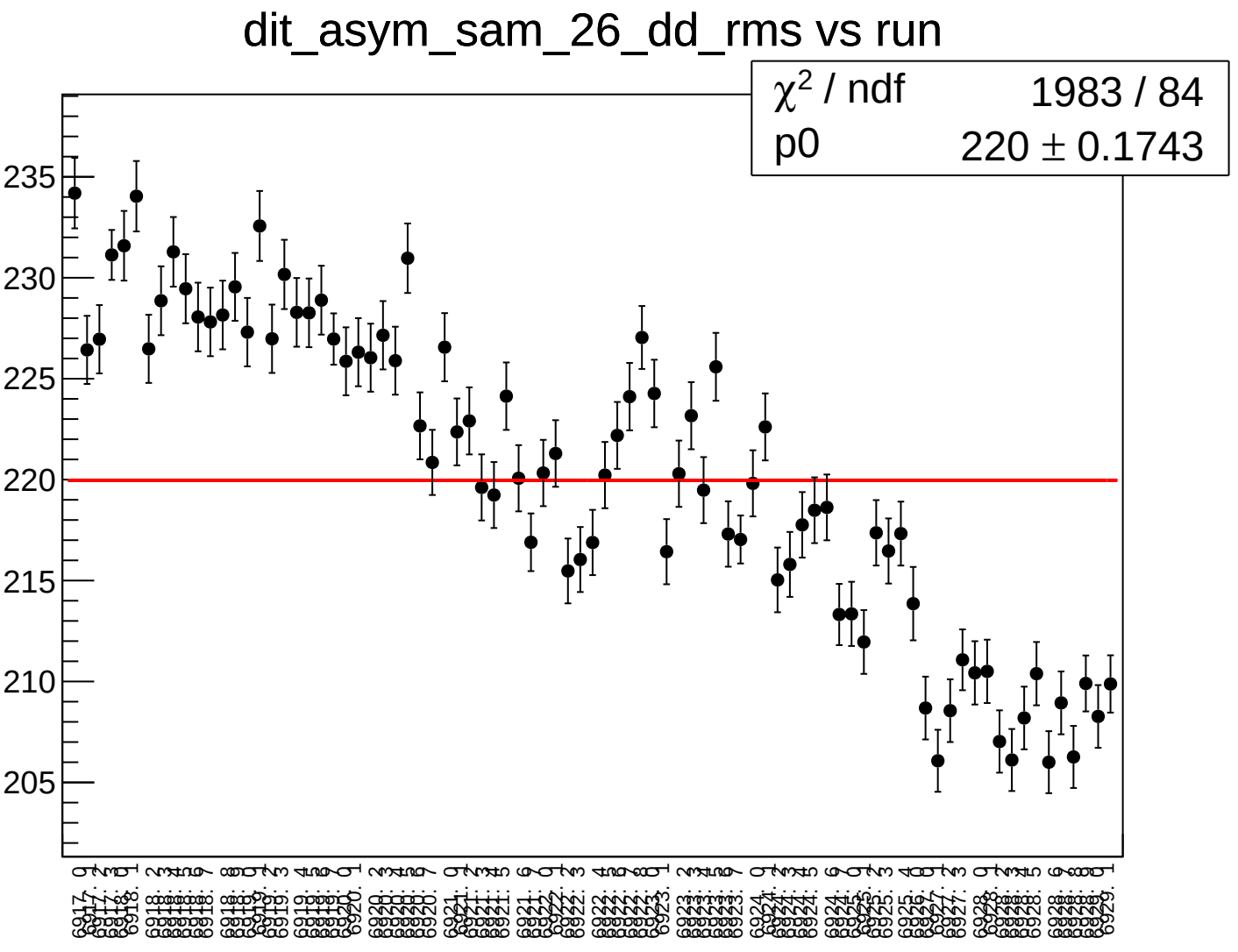

asym_sam_15_dd_mean vs run
χ² / ndf 68.66 / 84
p0 −856.5 ± 716.2
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 51.17
Std Dev 102.3
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

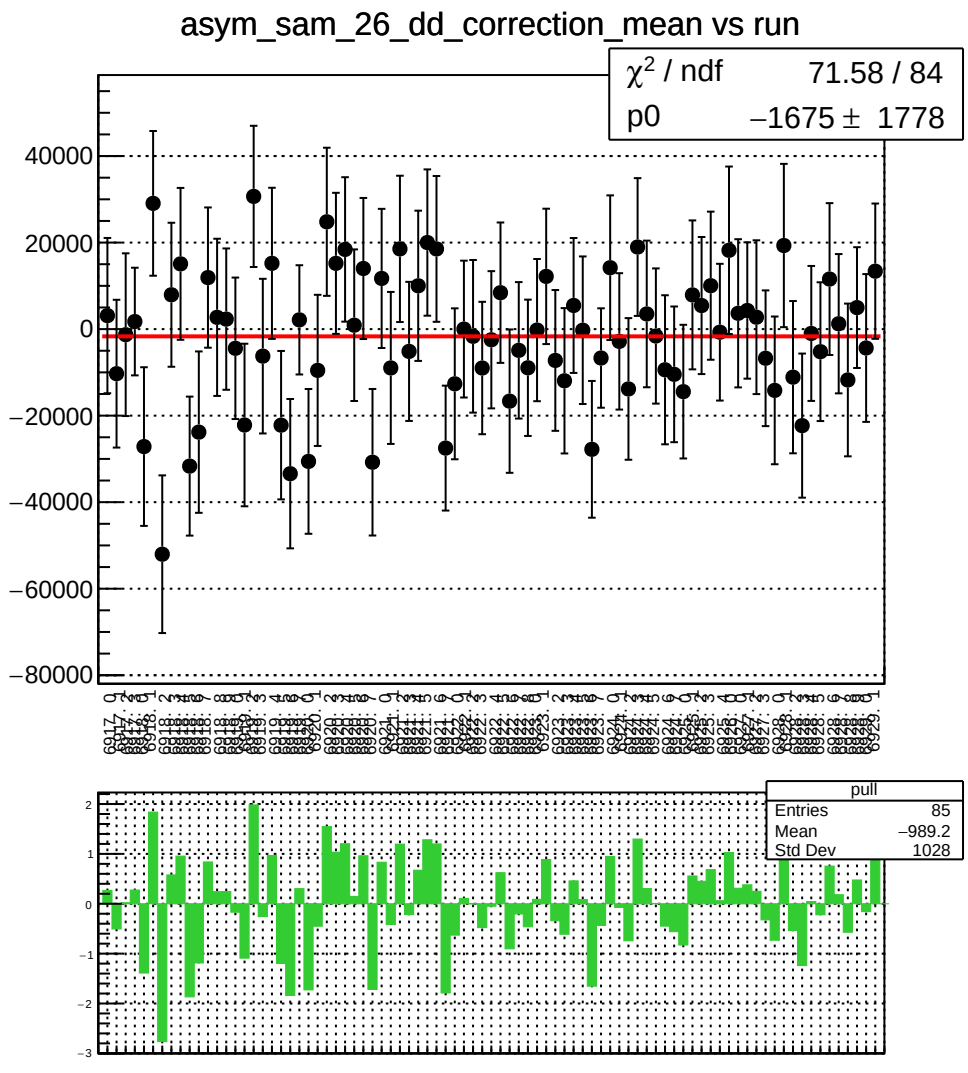

pull1D
Entries 85
Mean 0.003535
Std Dev 0.8988
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

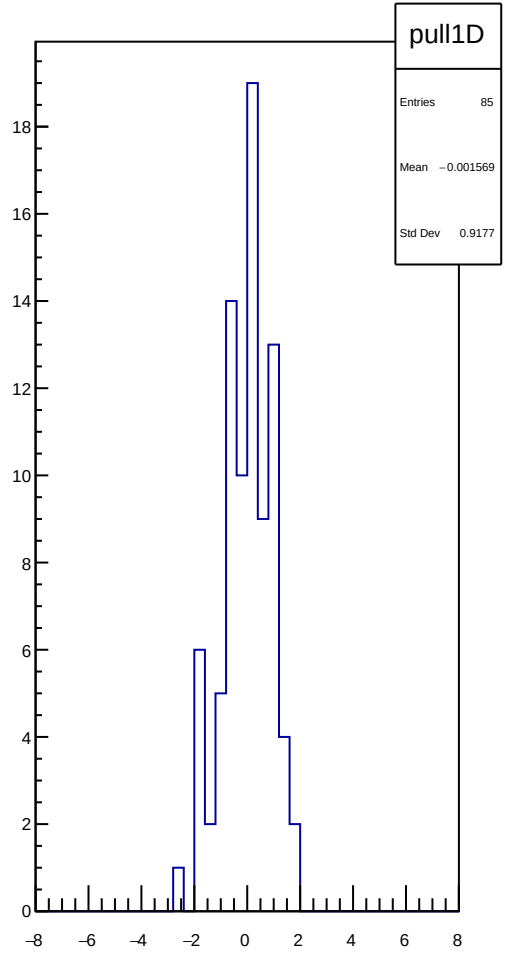

asym_sam_15_dd_rms vs run
χ^2 / ndf 3110 / 84
p0 638.9 ± 0.5064
720
700
680
660
640
620
600
580

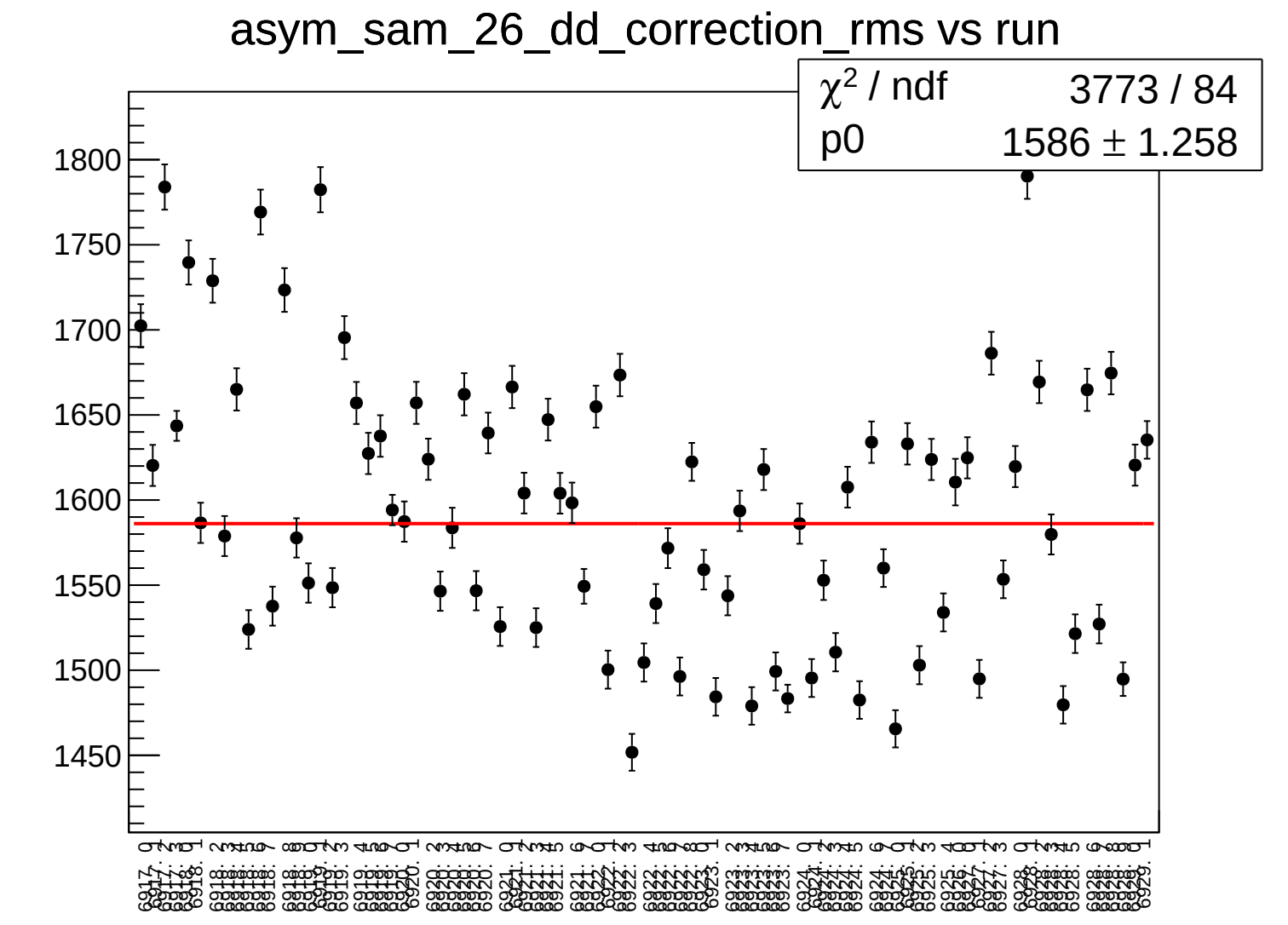

dit_asym_sam_26_dd_mean vs run
χ² / ndf 101.9 / 84
p0 71.05 ± 246.5
10000
5000
0
−5000
−10000
pull
Entries 85
Mean −1073
Std Dev 1119
2
1
0
−1
−2

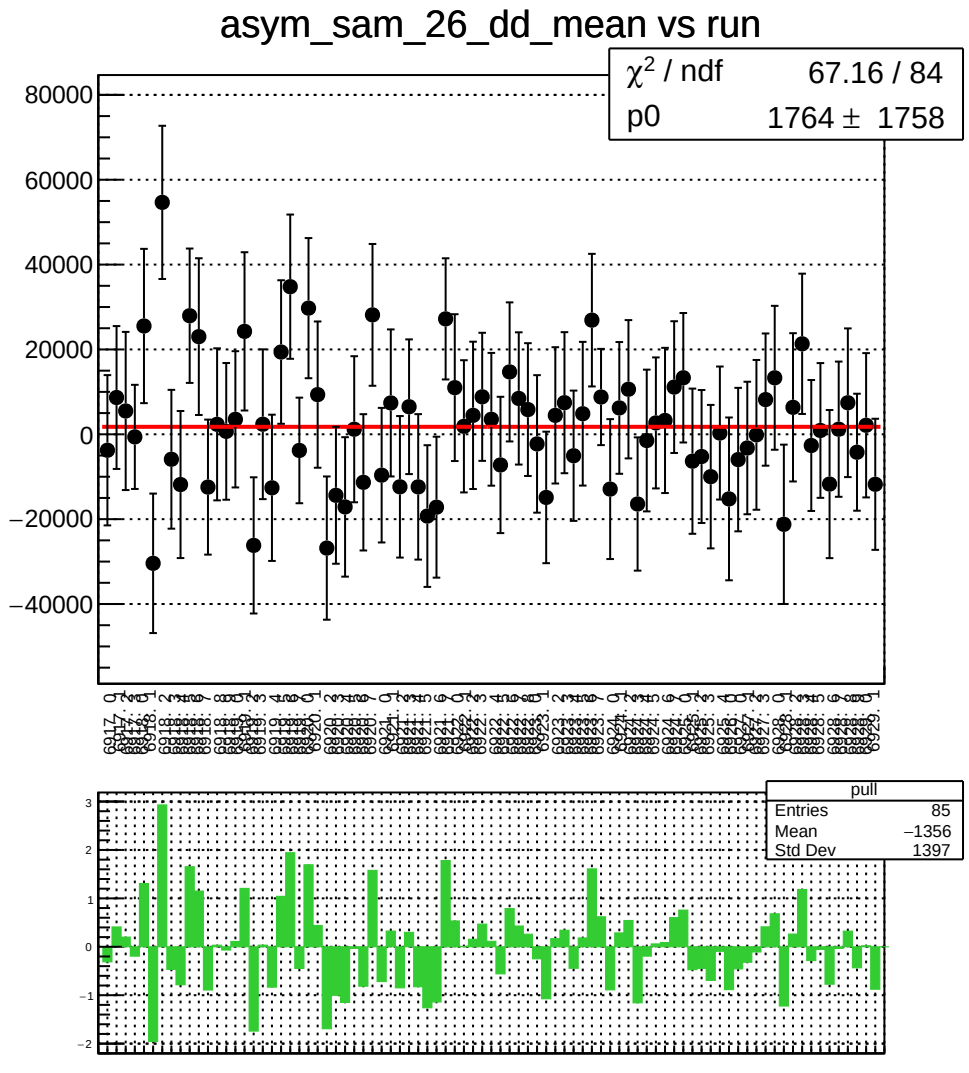

pull1D
Entries 85
Mean 0.004488
Std Dev 1.095
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

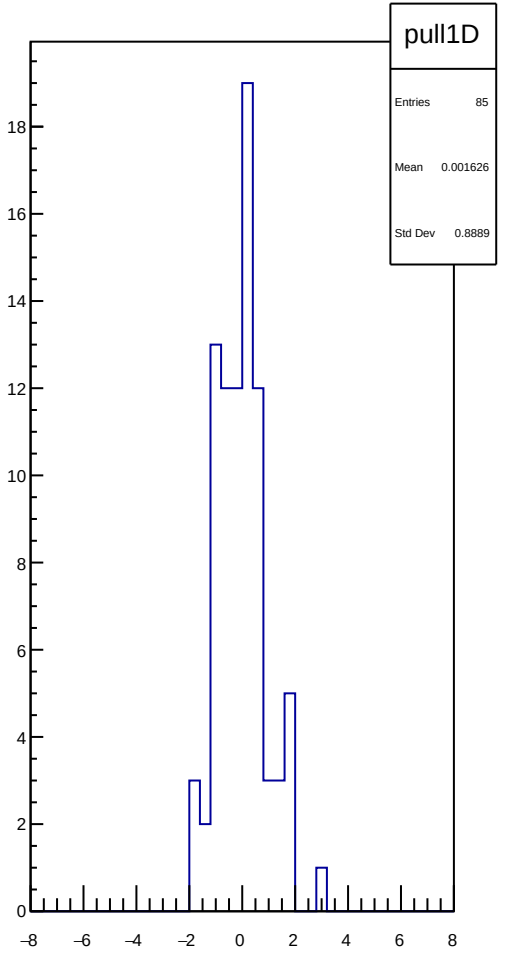

dit_asym_sam_26_dd_rms vs run
χ^2 / ndf 1983 / 84
p0 220 ± 0.1743
235
230
225
220
215
210
205

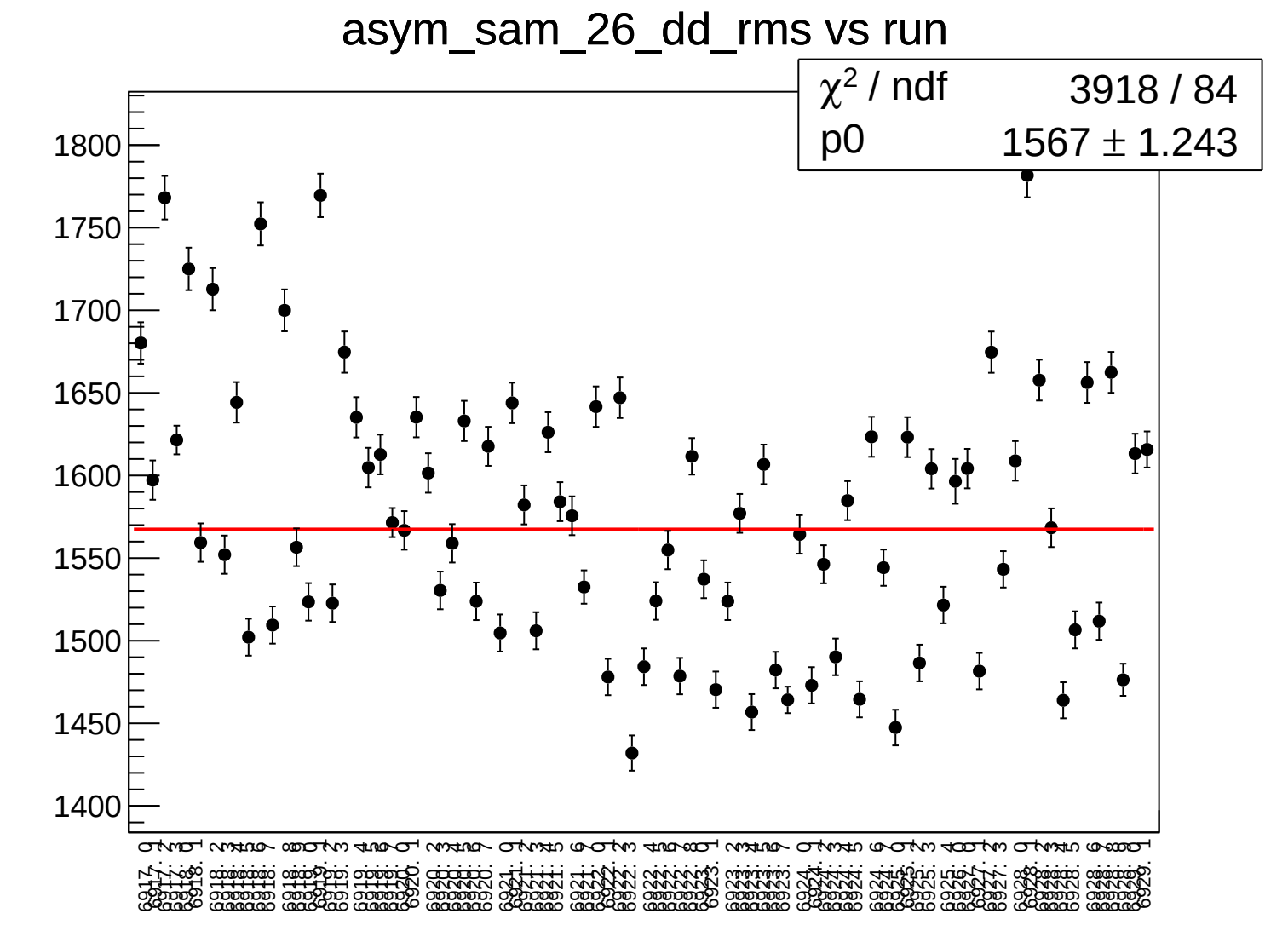

asym_sam_26_dd_correction_mean vs run
χ² / ndf 71.58 / 84
p0 −1675 ± 1778
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 85
Mean −989.2
Std Dev 1028
2
1
0
−1
−2
−3

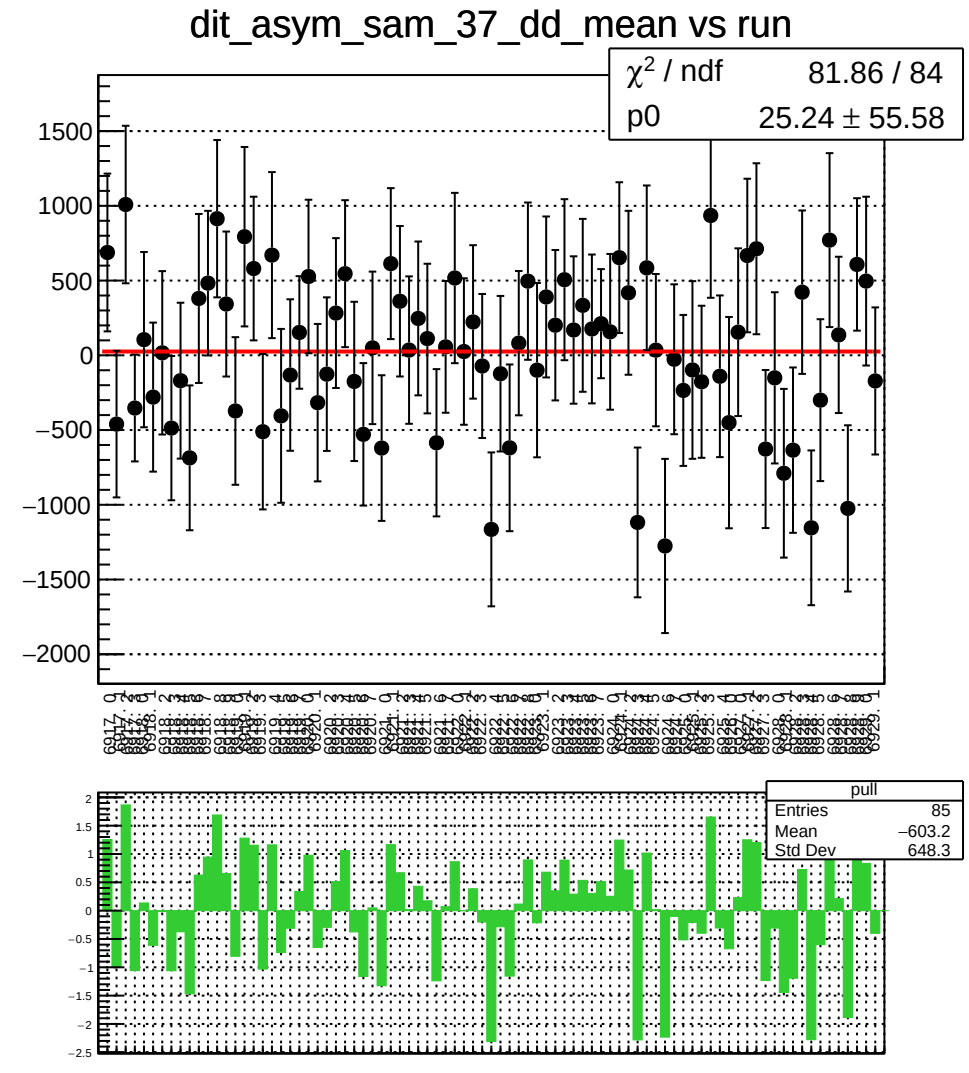

pull1D
Entries 85
Mean −0.001569
Std Dev 0.9177
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

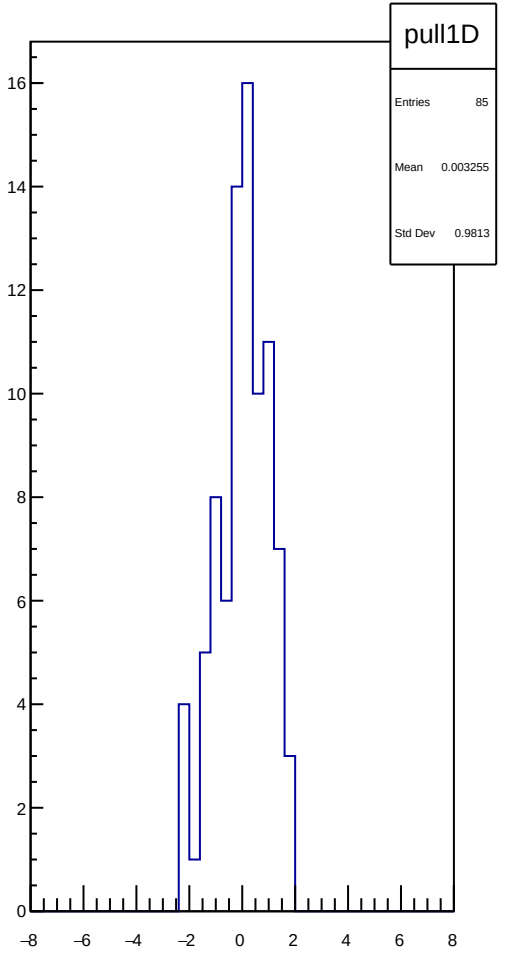

asym_sam_26_dd_correction_rms vs run
χ² / ndf 3773 / 84
p0 1586 ± 1.258
1800
1750
1700
1650
1600
1550
1500
1450

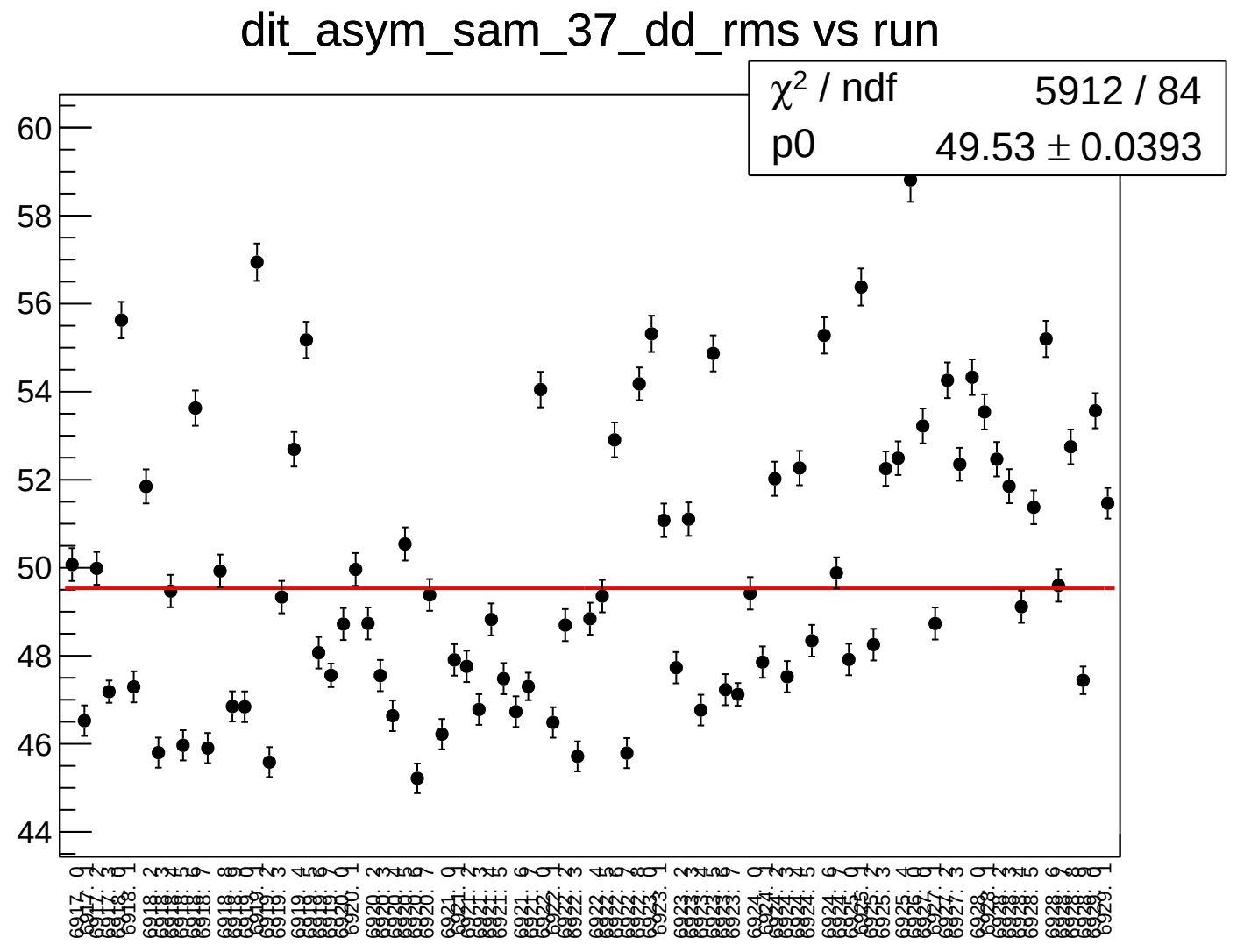

asym_sam_26_dd_mean vs run
χ² / ndf 67.16 / 84
p0 1764 ± 1758
pull
Entries 85
Mean −1356
Std Dev 1397

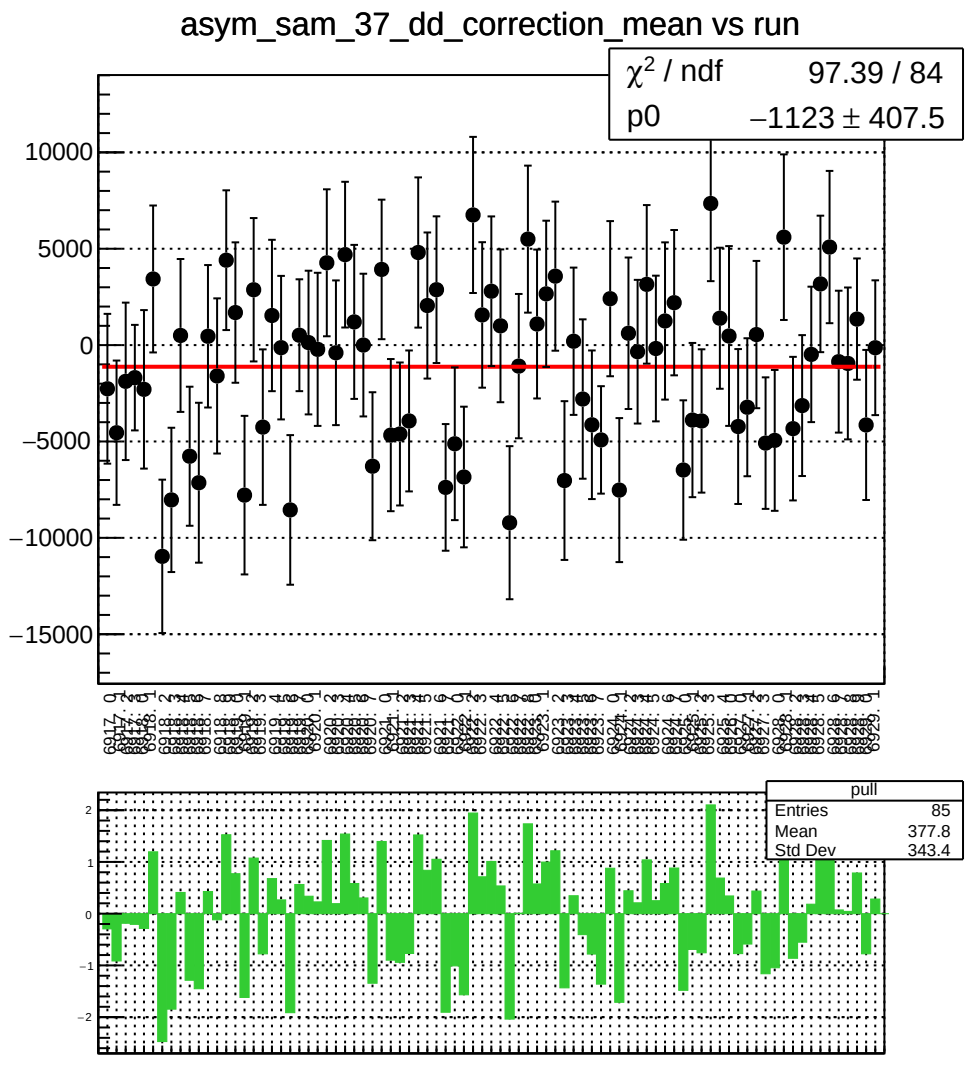

pull1D
Entries 85
Mean 0.001626
Std Dev 0.8889

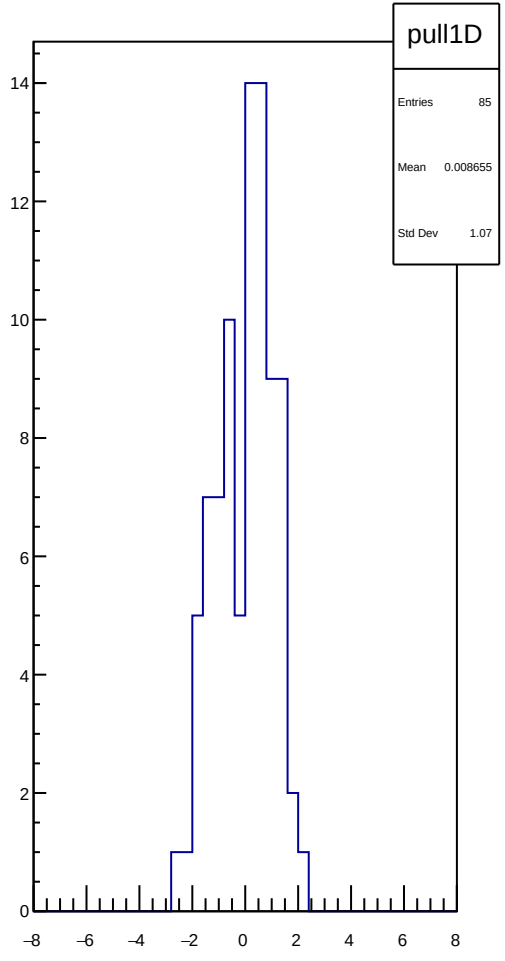

asym_sam_26_dd_rms vs run
χ^2 / ndf 3918 / 84
p0 1567 ± 1.243
1800
1750
1700
1650
1600
1550
1500
1450
1400

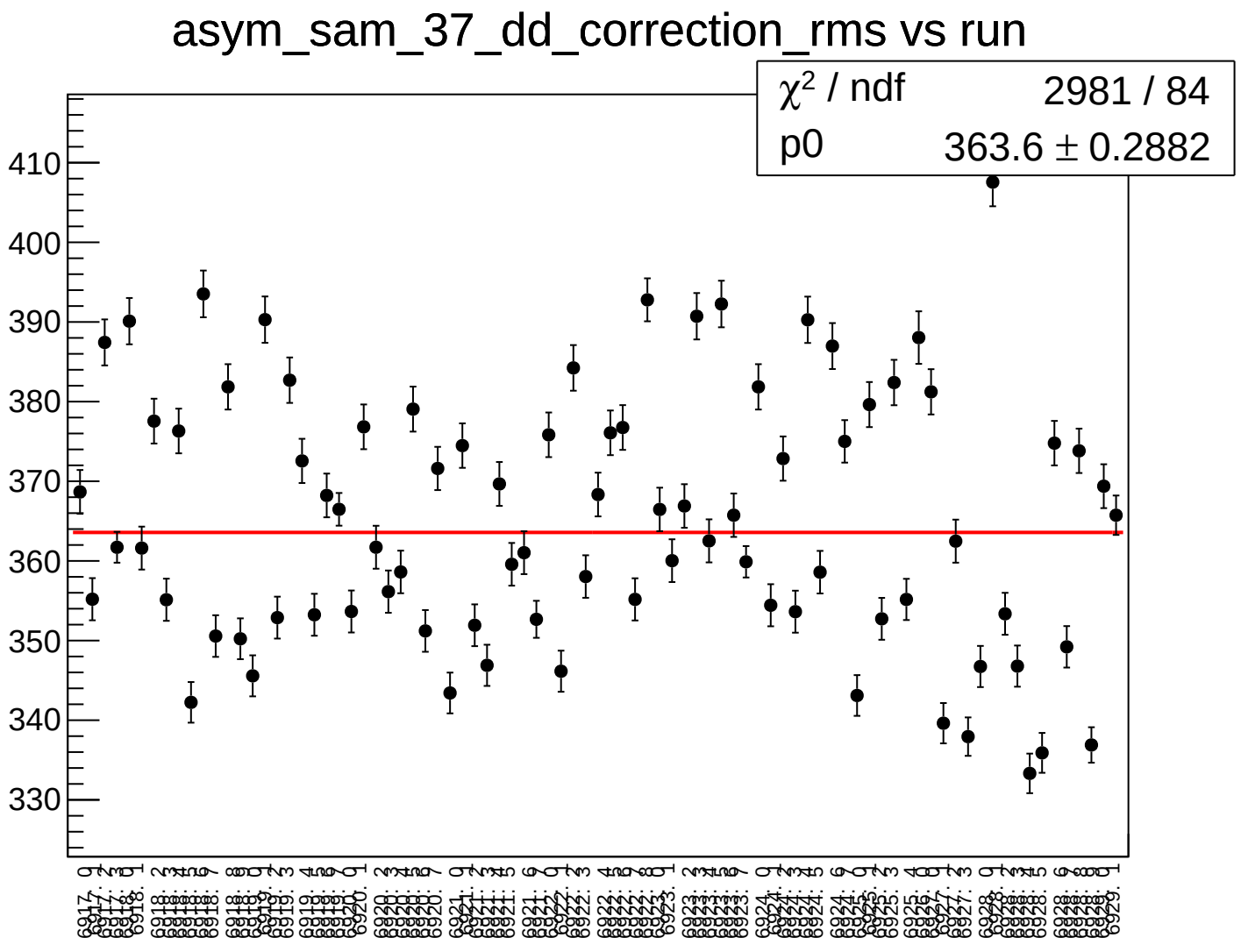

dit_asym_sam_37_dd_mean vs run
χ² / ndf 81.86 / 84
p0 25.24 ± 55.58
pull
Entries 85
Mean −603.2
Std Dev 648.3

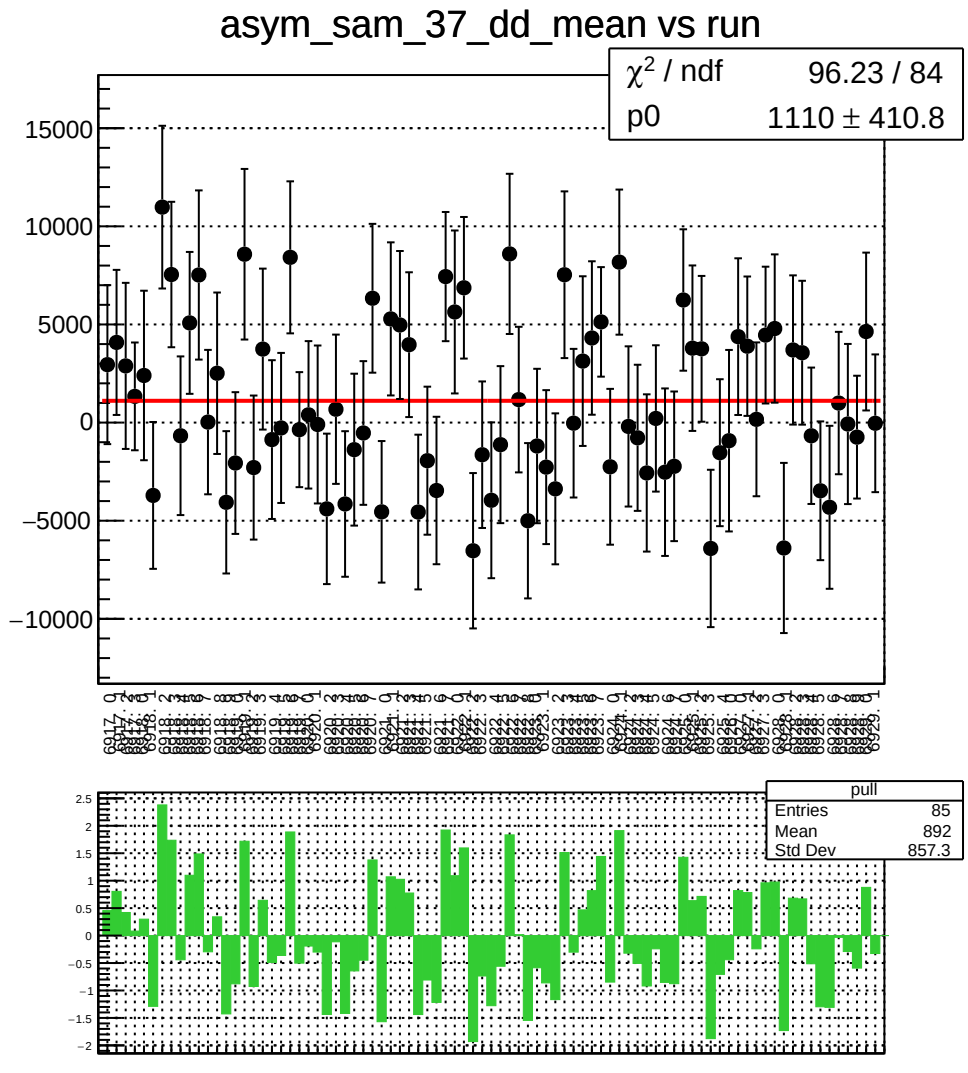

pull1D
Entries 85
Mean 0.003255
Std Dev 0.9813

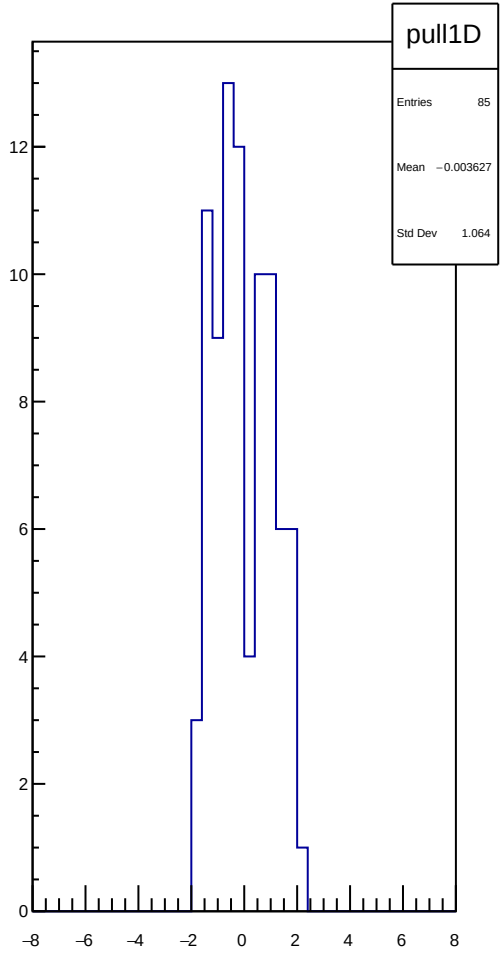

dit_asym_sam_37_dd_rms vs run
χ² / ndf 5912 / 84
p0 49.53 ± 0.0393
60
58
56
54
52
50
48
46
44

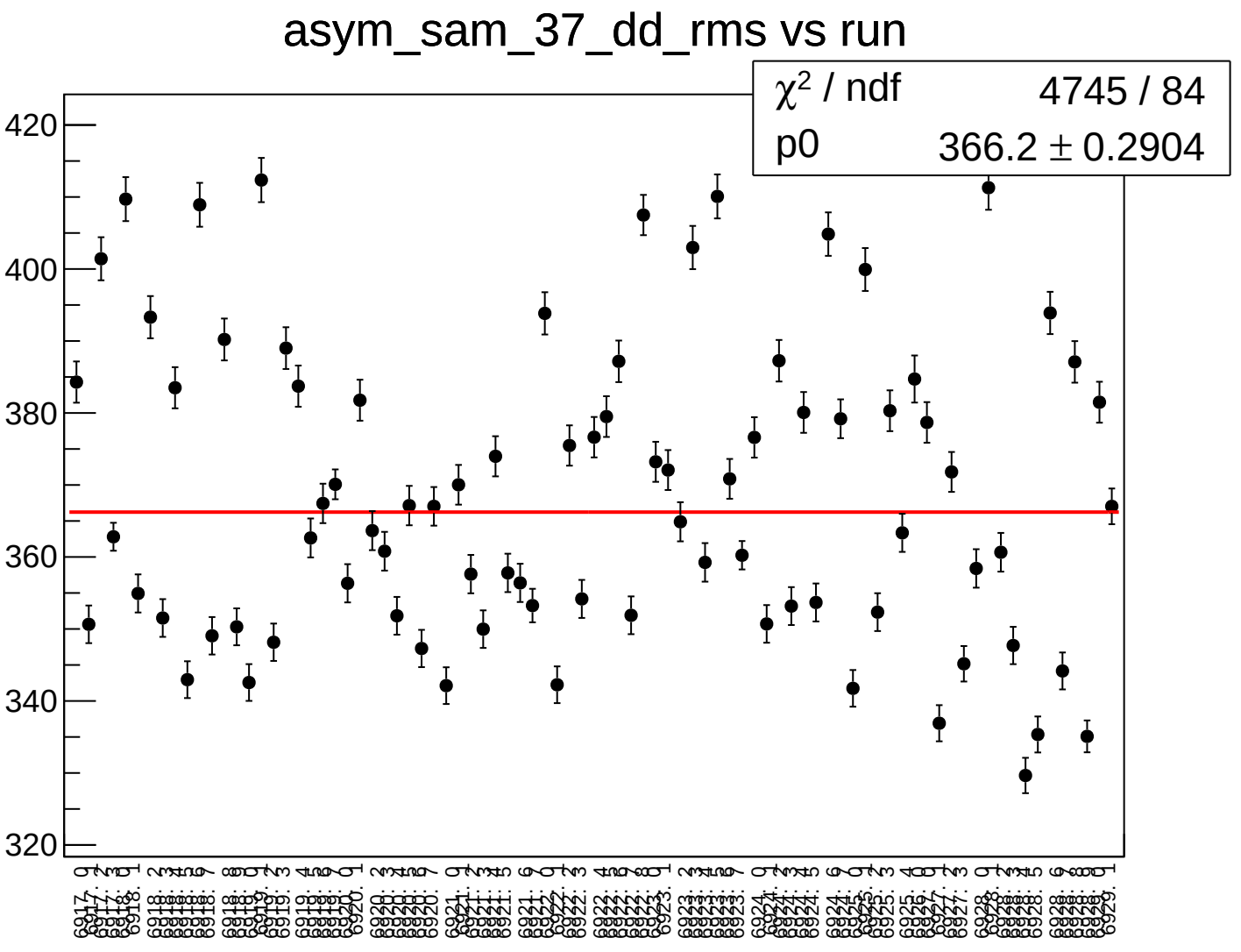

asym_sam_37_dd_correction_mean vs run
χ² / ndf 97.39 / 84
p0 −1123 ± 407.5
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 377.8
Std Dev 343.4
2
1
0
−1
−2

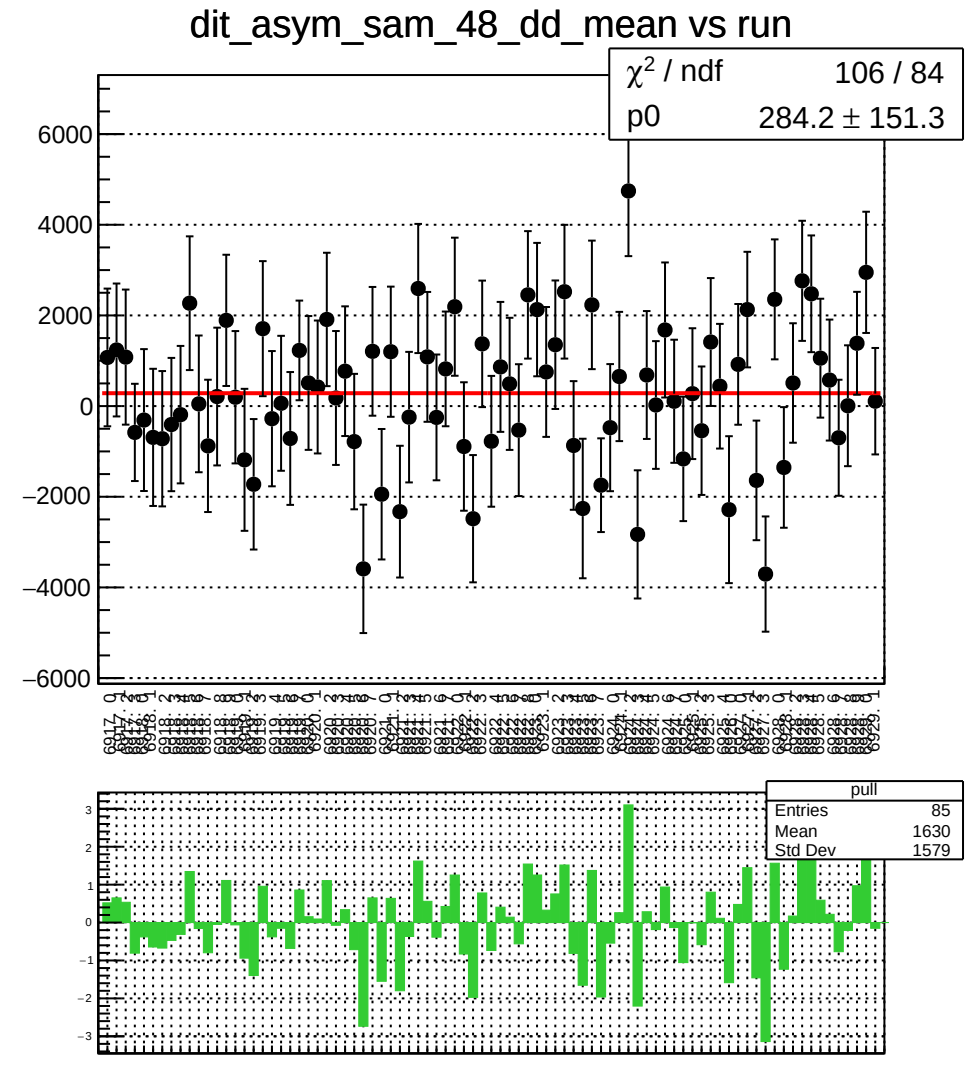

pull1D
Entries 85
Mean 0.008655
Std Dev 1.07
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

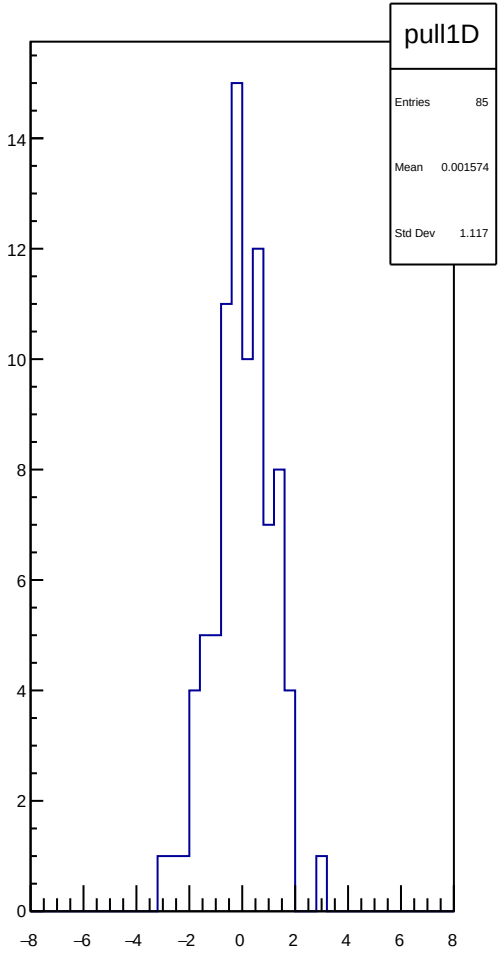

asym_sam_37_dd_correction_rms vs run
χ² / ndf 2981 / 84
p0 363.6 ± 0.2882
410
400
390
380
370
360
350
340
330

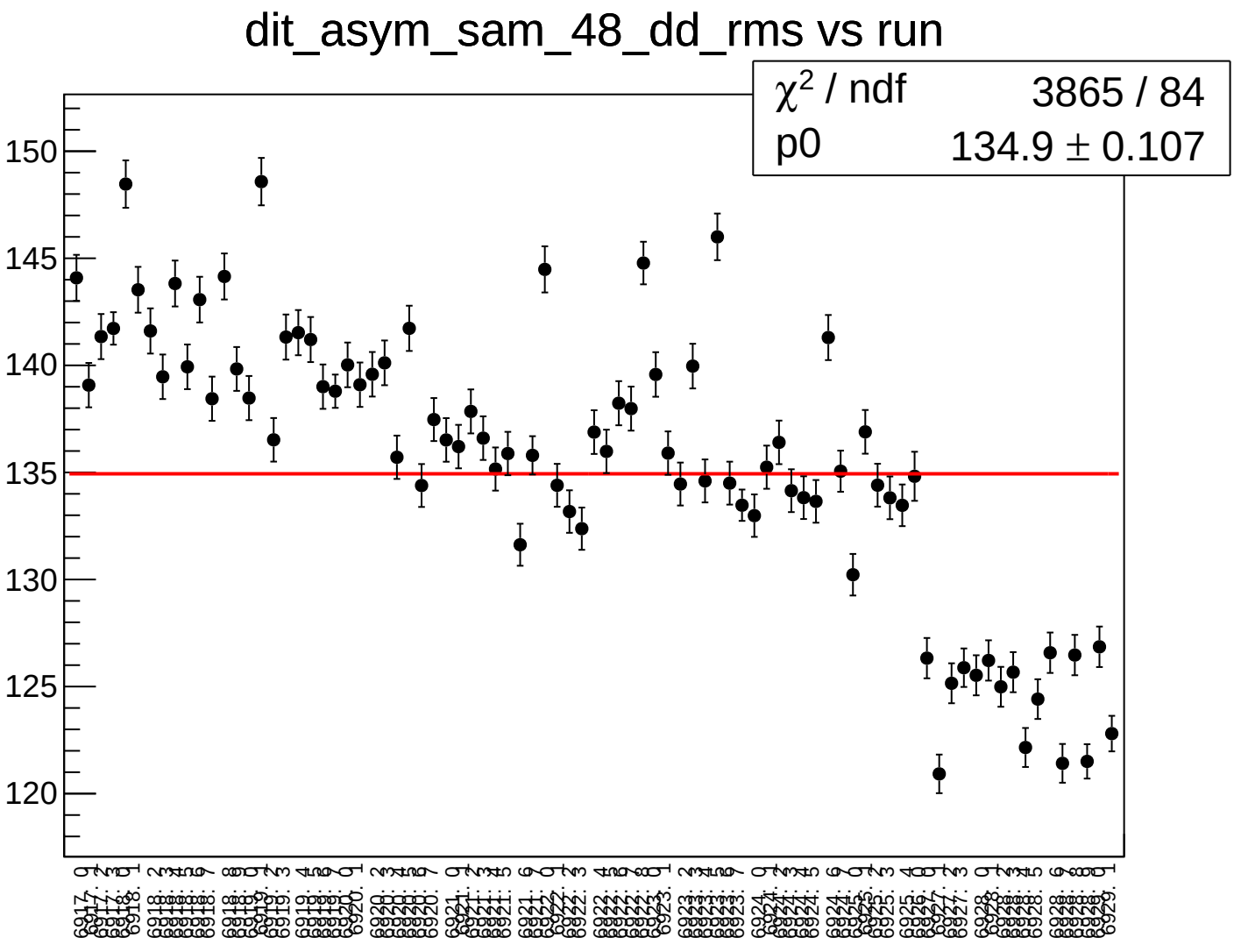

asym_sam_37_dd_mean vs run
χ^2 / ndf 96.23 / 84
p0 1110 ± 410.8
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 892
Std Dev 857.3
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

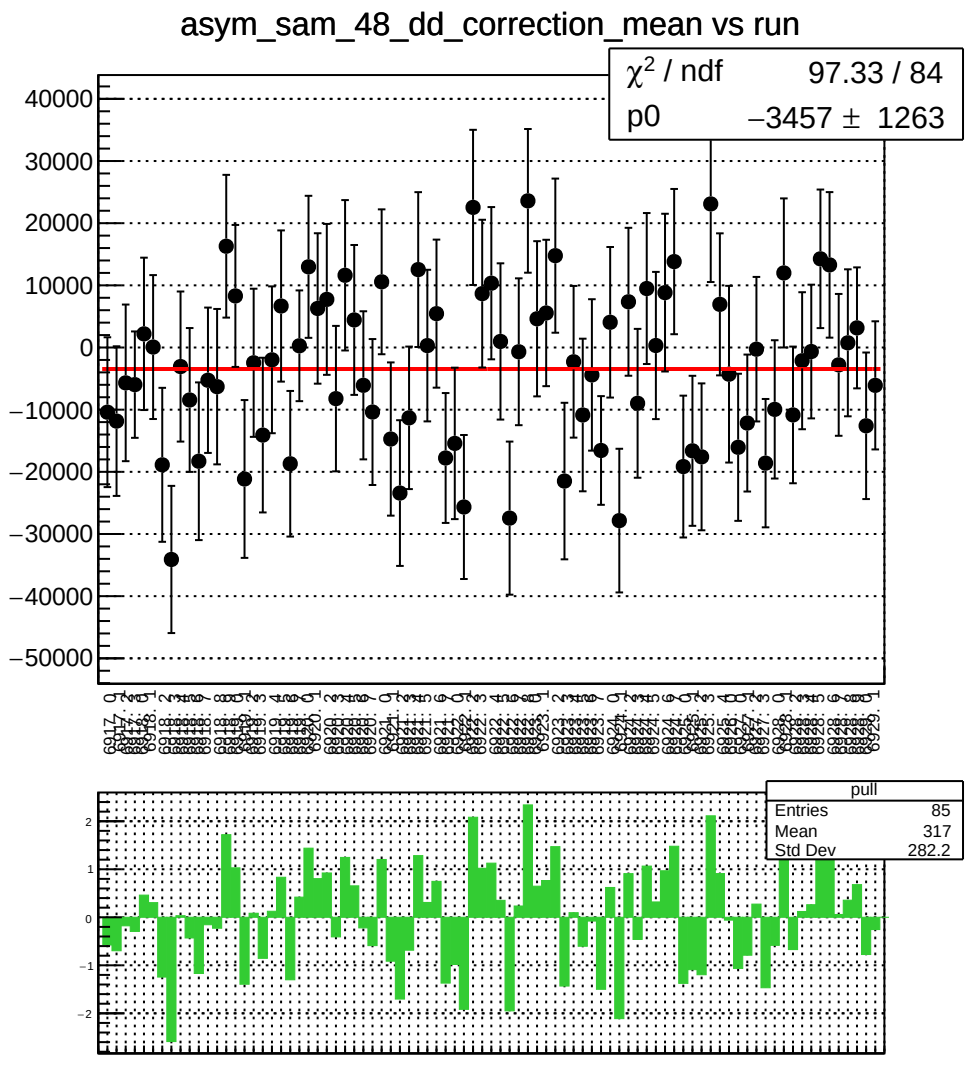

pull1D
Entries 85
Mean −0.003627
Std Dev 1.064
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

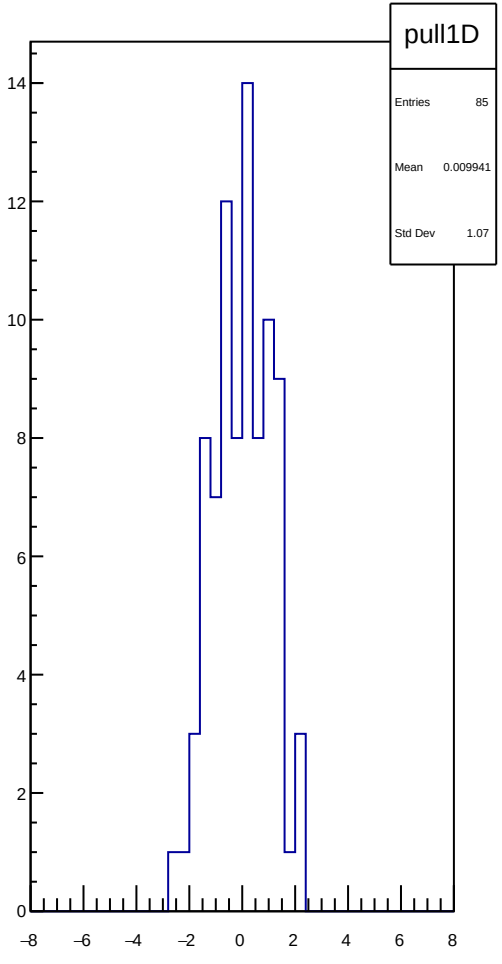

asym_sam_37_dd_rms vs run
χ² / ndf 4745 / 84
p0 366.2 ± 0.2904
420
400
380
360
340
320

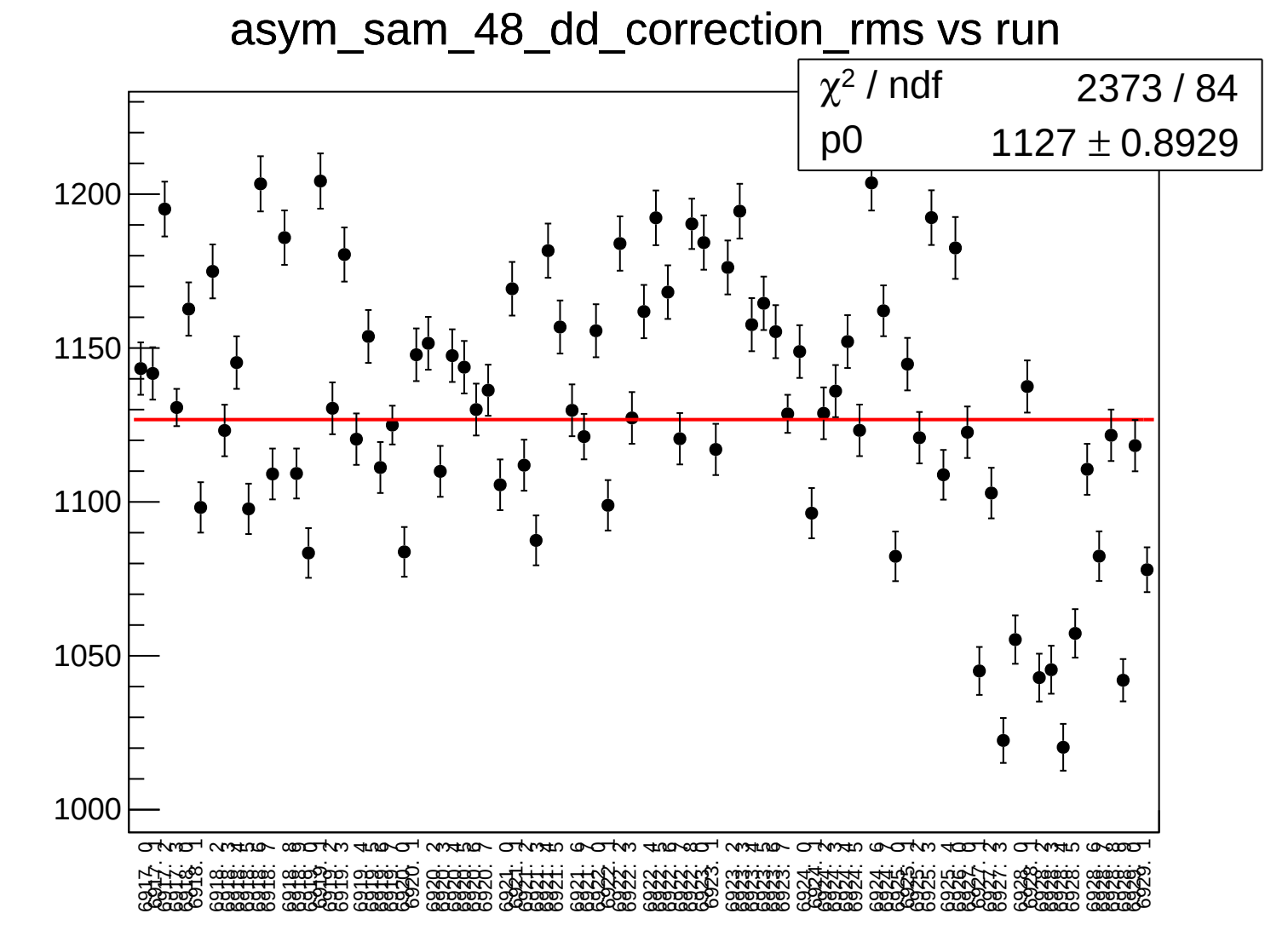

dit_asym_sam_48_dd_mean vs run
χ² / ndf 106 / 84
p0 284.2 ± 151.3
pull
Entries 85
Mean 1630
Std Dev 1579

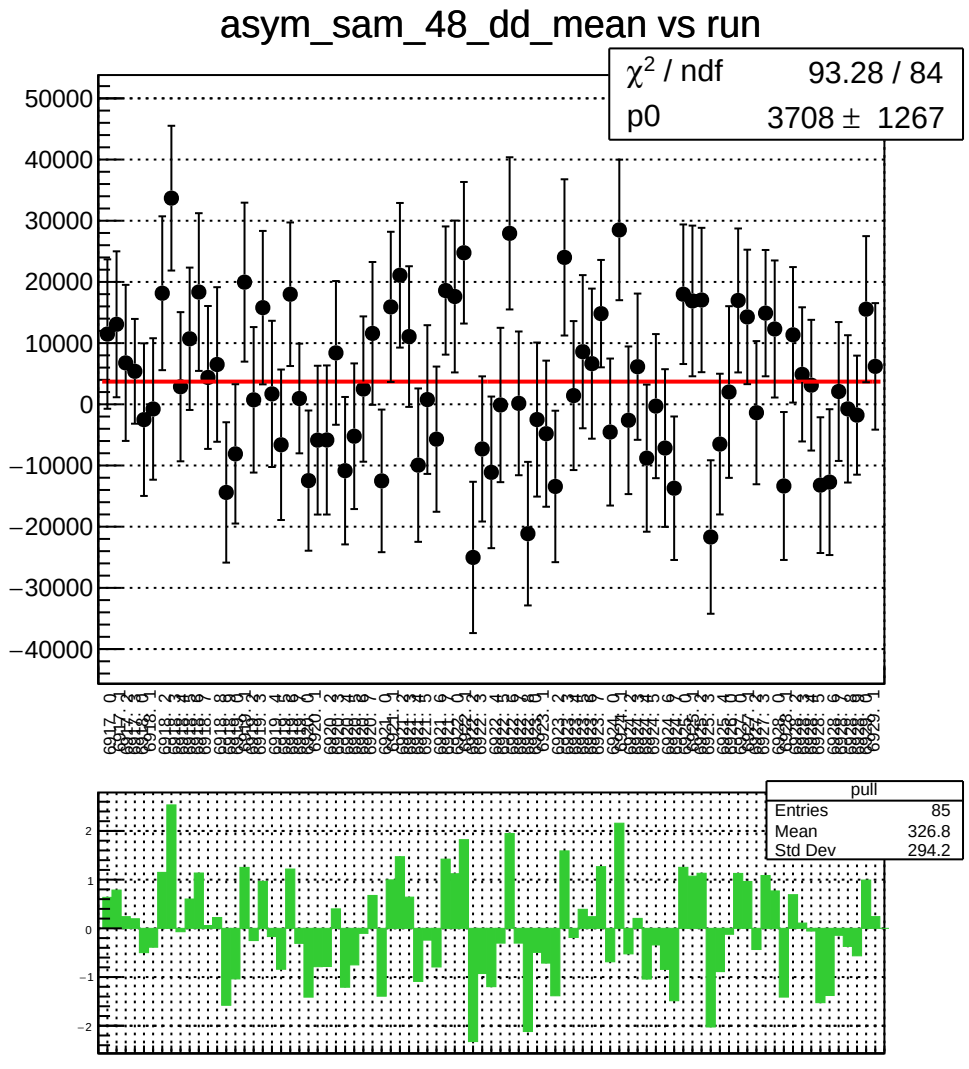

pull1D
Entries 85
Mean 0.001574
Std Dev 1.117

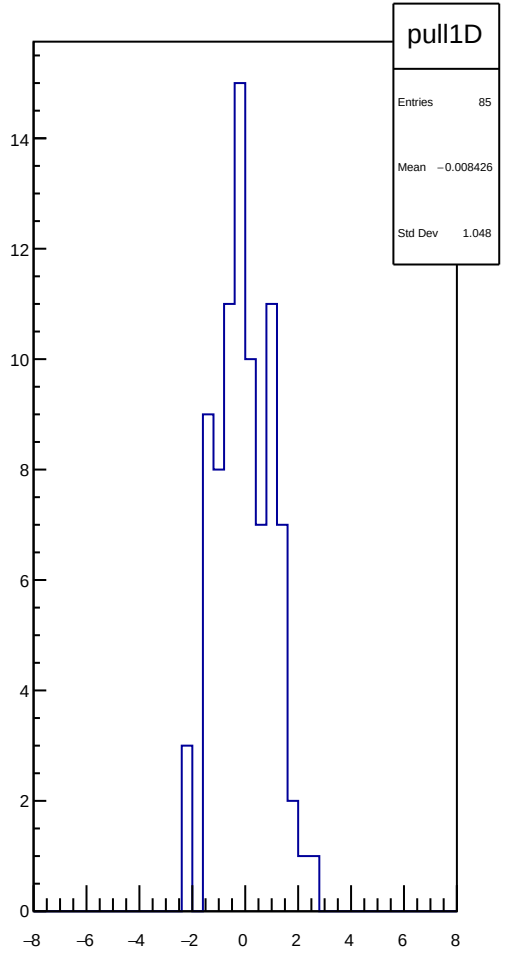

dit_asym_sam_48_dd_rms vs run
χ^2 / ndf 3865 / 84
p0 134.9 ± 0.107
150
145
140
135
130
125
120

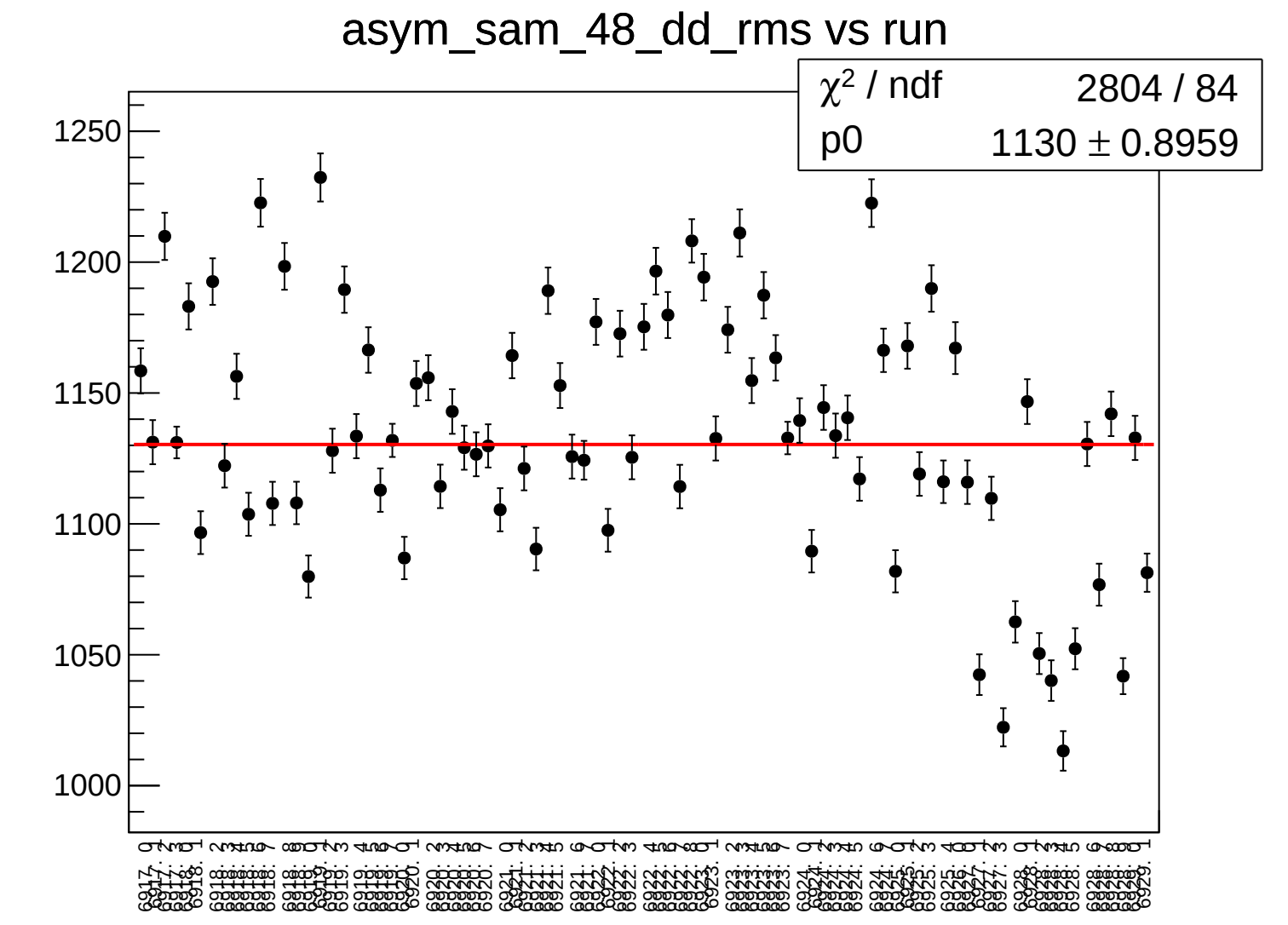

asym_sam_48_dd_correction_mean vs run
χ² / ndf 97.33 / 84
p0 −3457 ± 1263
40000
30000
20000
10000
0
−10000
−20000
−30000
−40000
−50000
pull
Entries 85
Mean 317
Std Dev 282.2
2
1
0
−1
−2

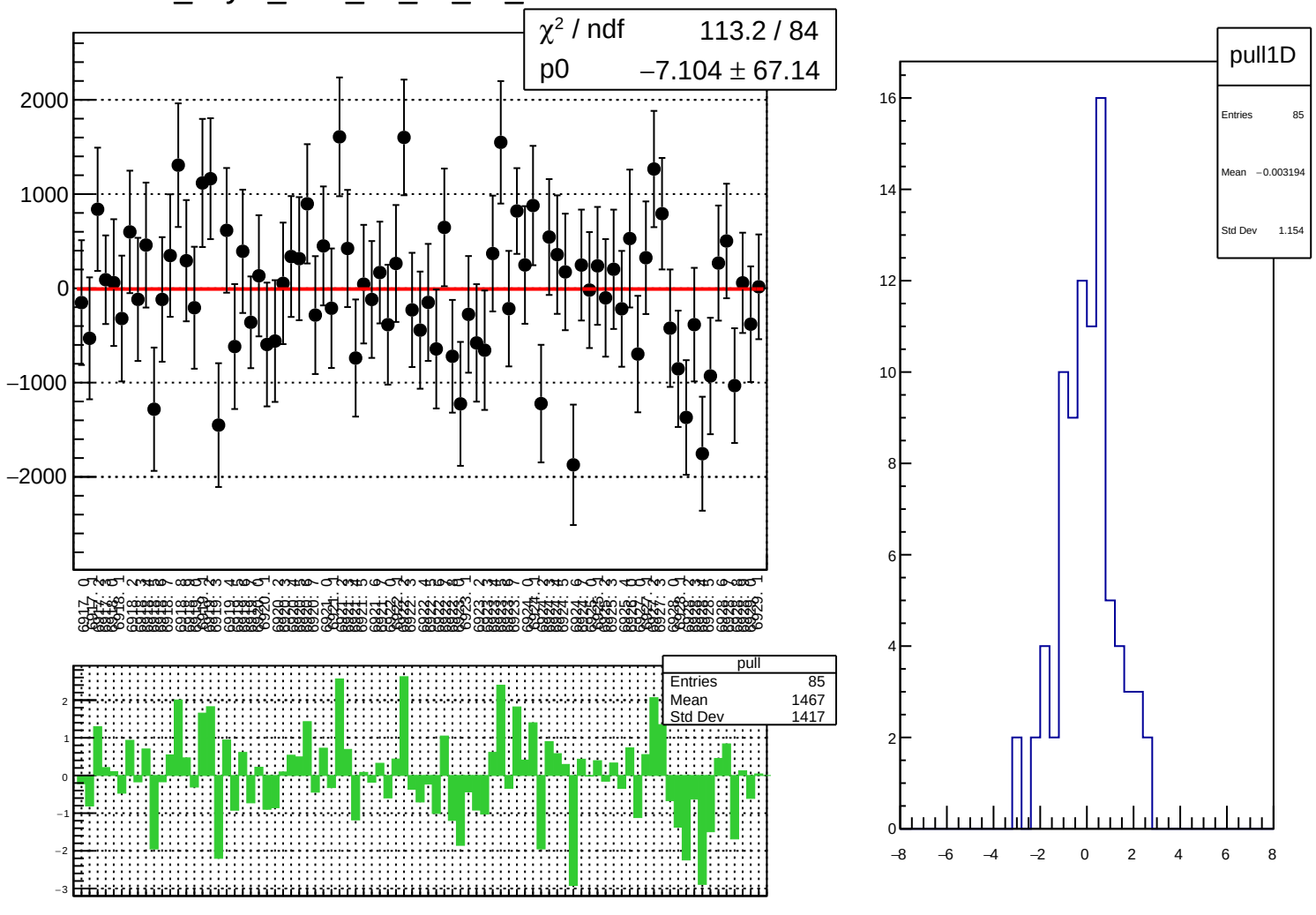

pull1D
Entries 85
Mean 0.009941
Std Dev 1.07
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

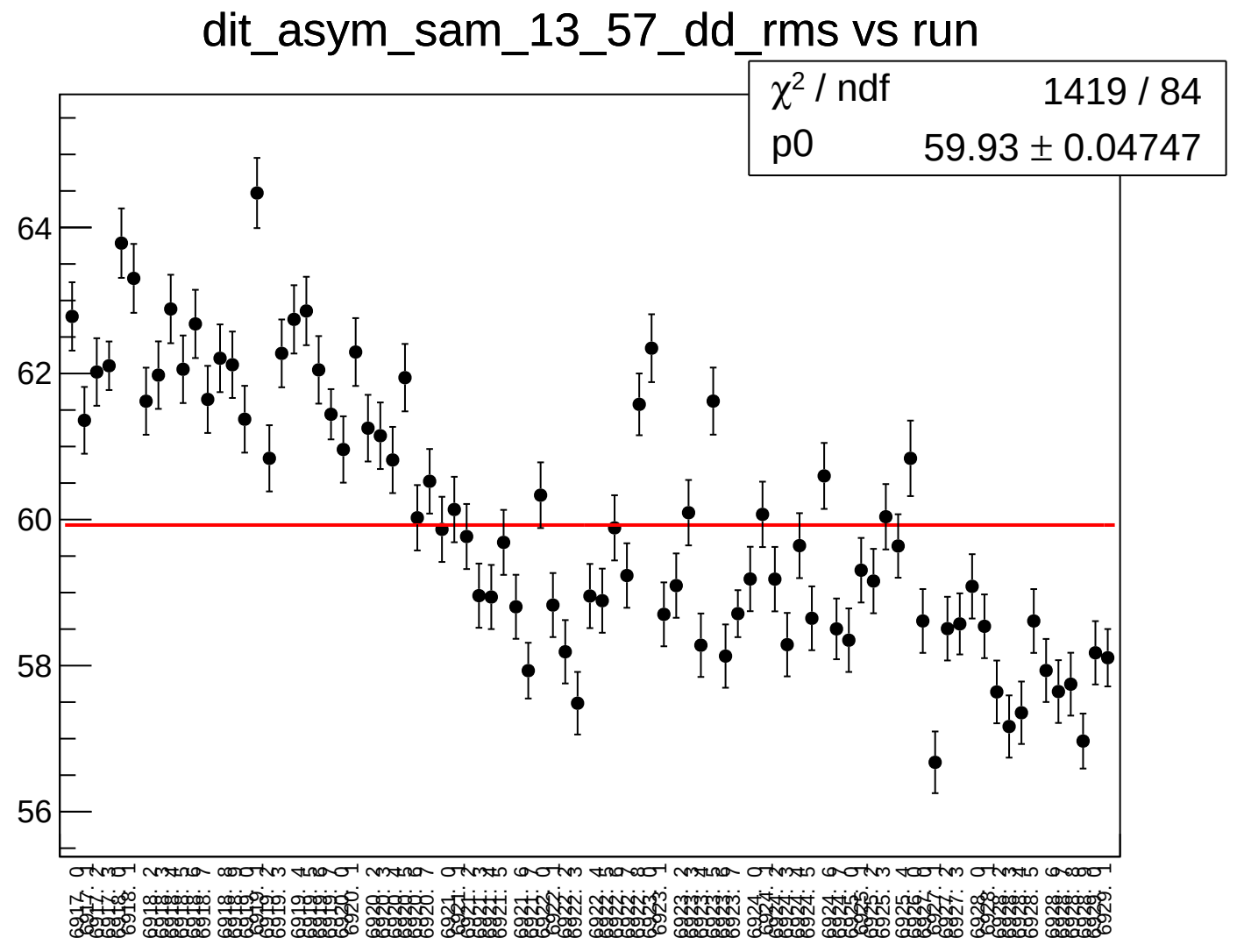

asym_sam_48_dd_correction_rms vs run
χ² / ndf 2373 / 84
p0 1127 ± 0.8929
1200
1150
1100
1050
1000

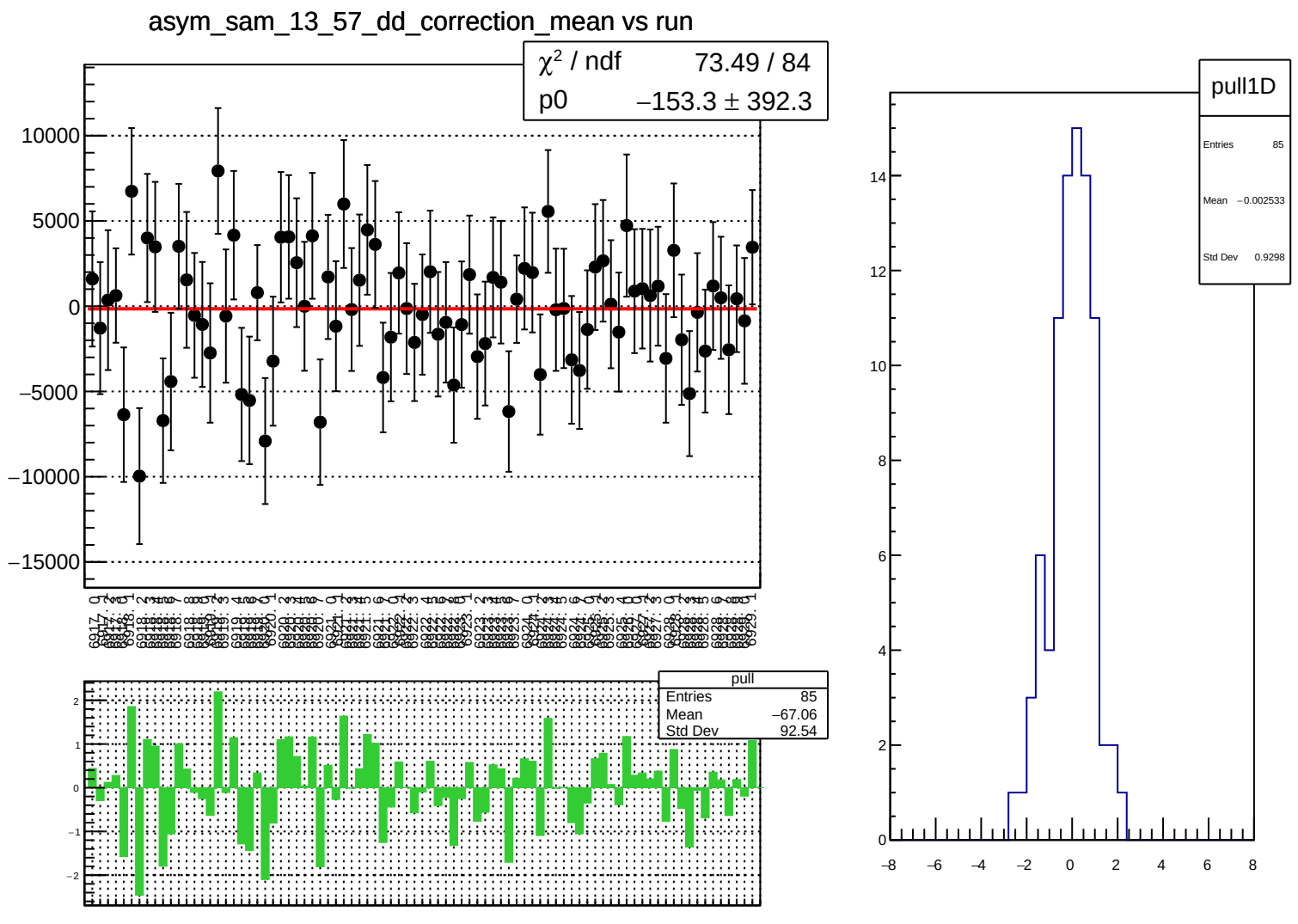

asym_sam_48_dd_mean vs run
χ² / ndf 93.28 / 84
p0 3708 ± 1267
pull
Entries 85
Mean 326.8
Std Dev 294.2

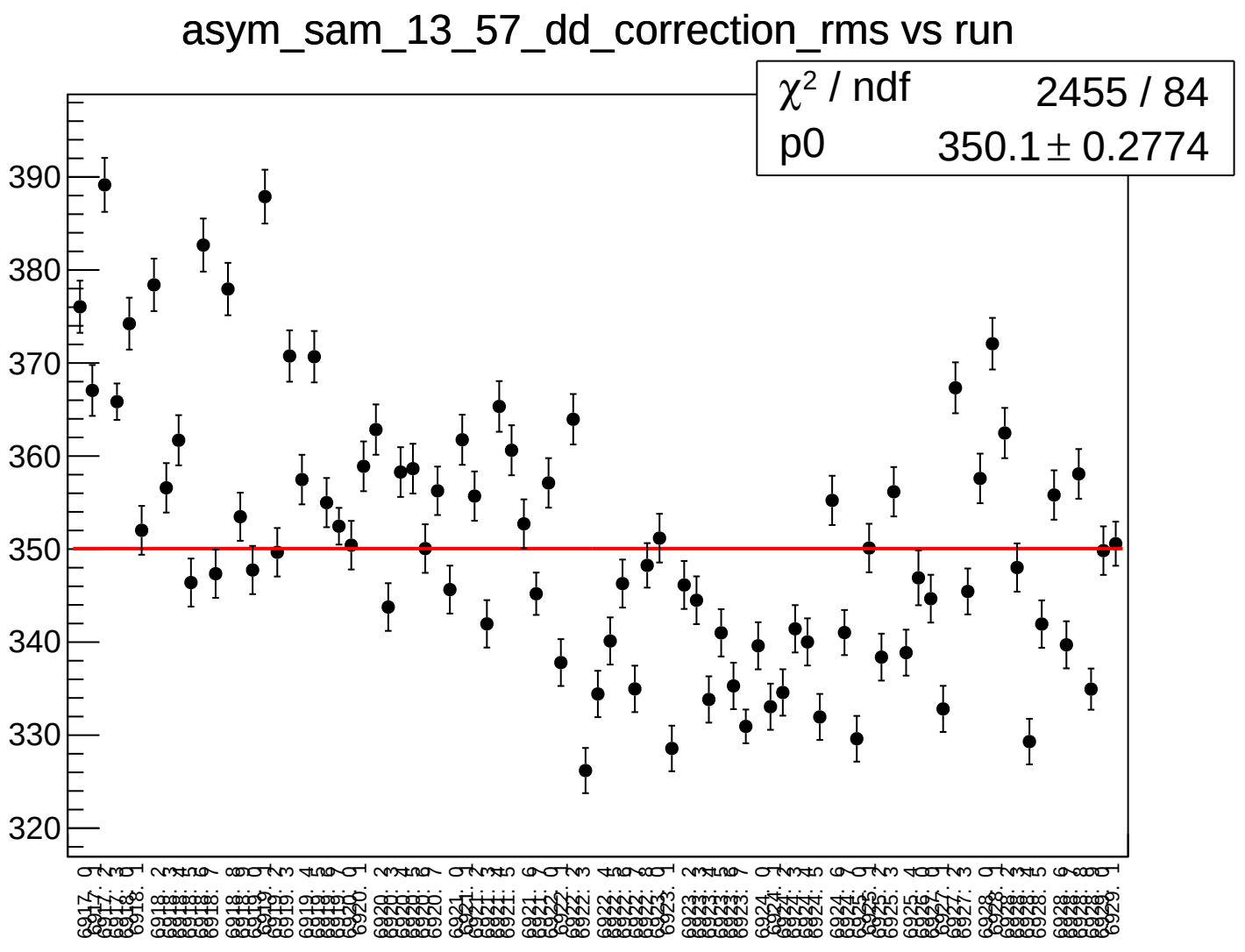

pull1D
Entries 85
Mean −0.008426
Std Dev 1.048

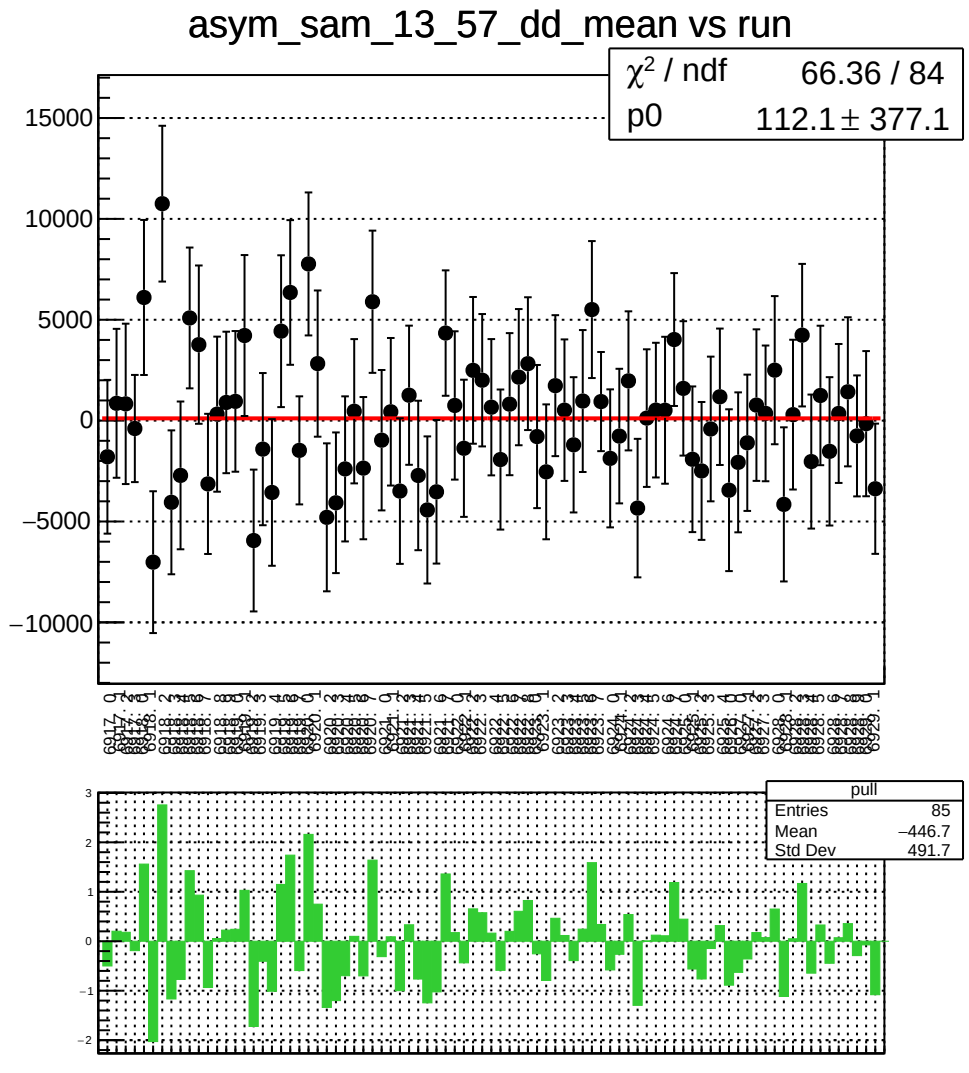

asym_sam_48_dd_rms vs run
χ² / ndf 2804 / 84
p0 1130 ± 0.8959
1250
1200
1150
1100
1050
1000

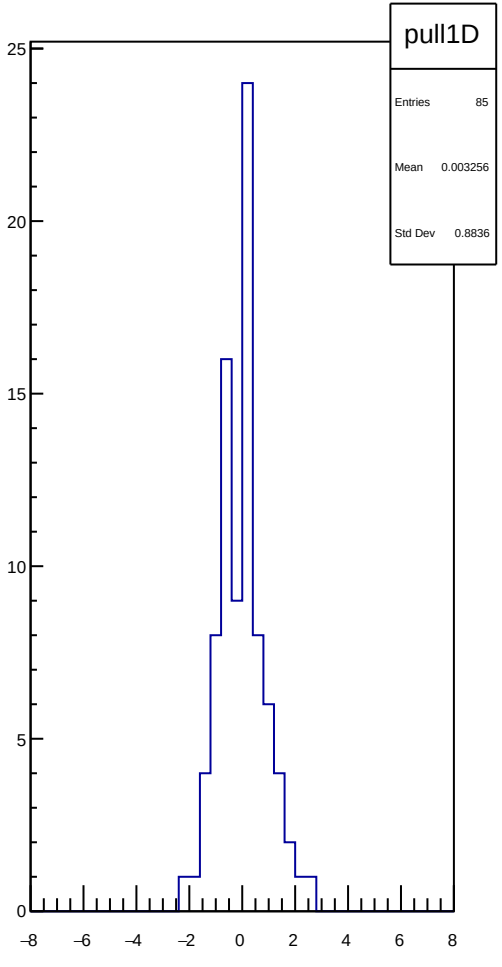

dit_asym_sam_13_57_dd_mean vs run
χ² / ndf 113.2 / 84
p0 −7.104 ± 67.14
2000
1000
0
−1000
−2000
pull
Entries 85
Mean 1467
Std Dev 1417
pull1D
Entries 85
Mean −0.003194
Std Dev 1.154
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

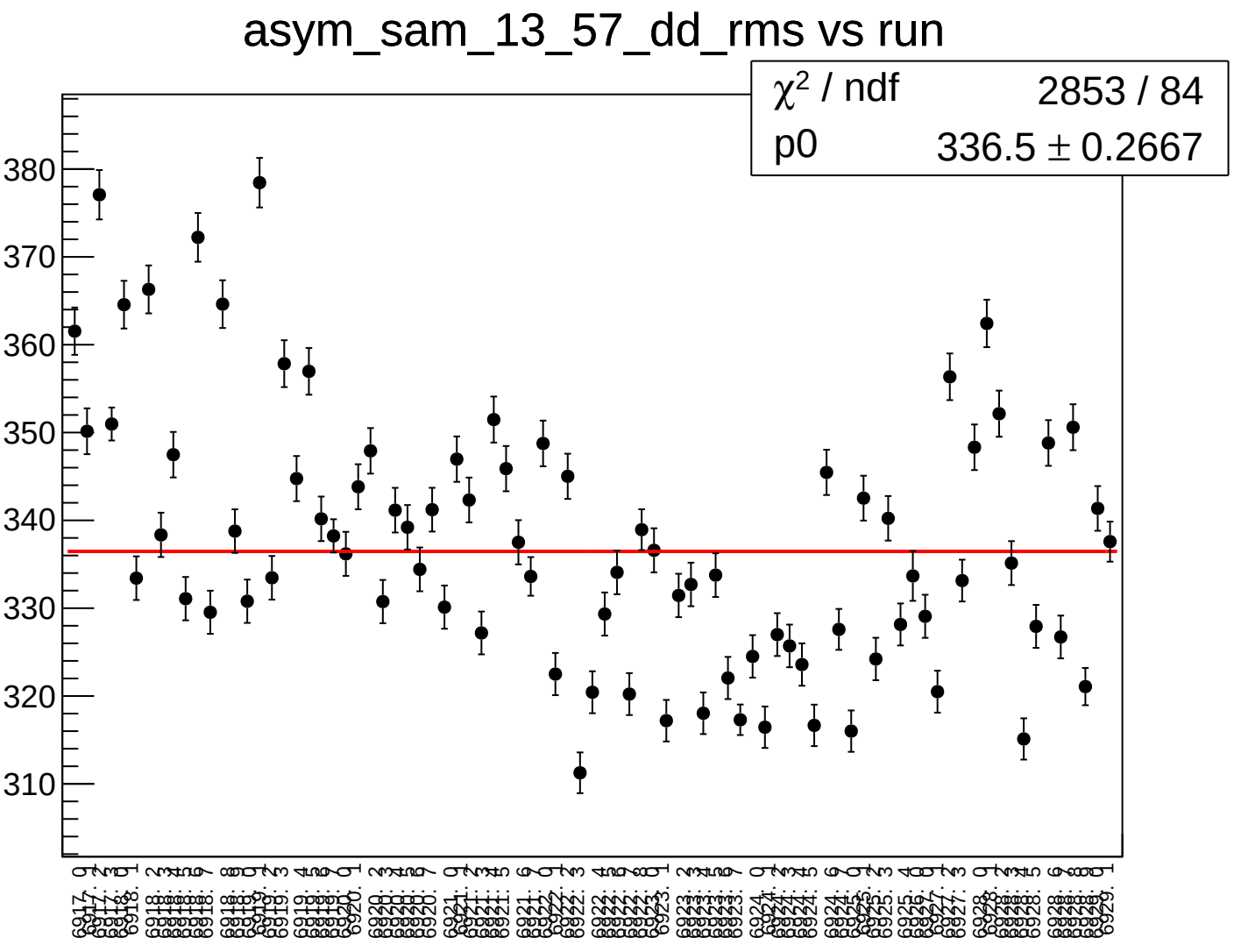

dit_asym_sam_13_57_dd_rms vs run
χ² / ndf 1419 / 84
p0 59.93 ± 0.04747
64
62
60
58
56

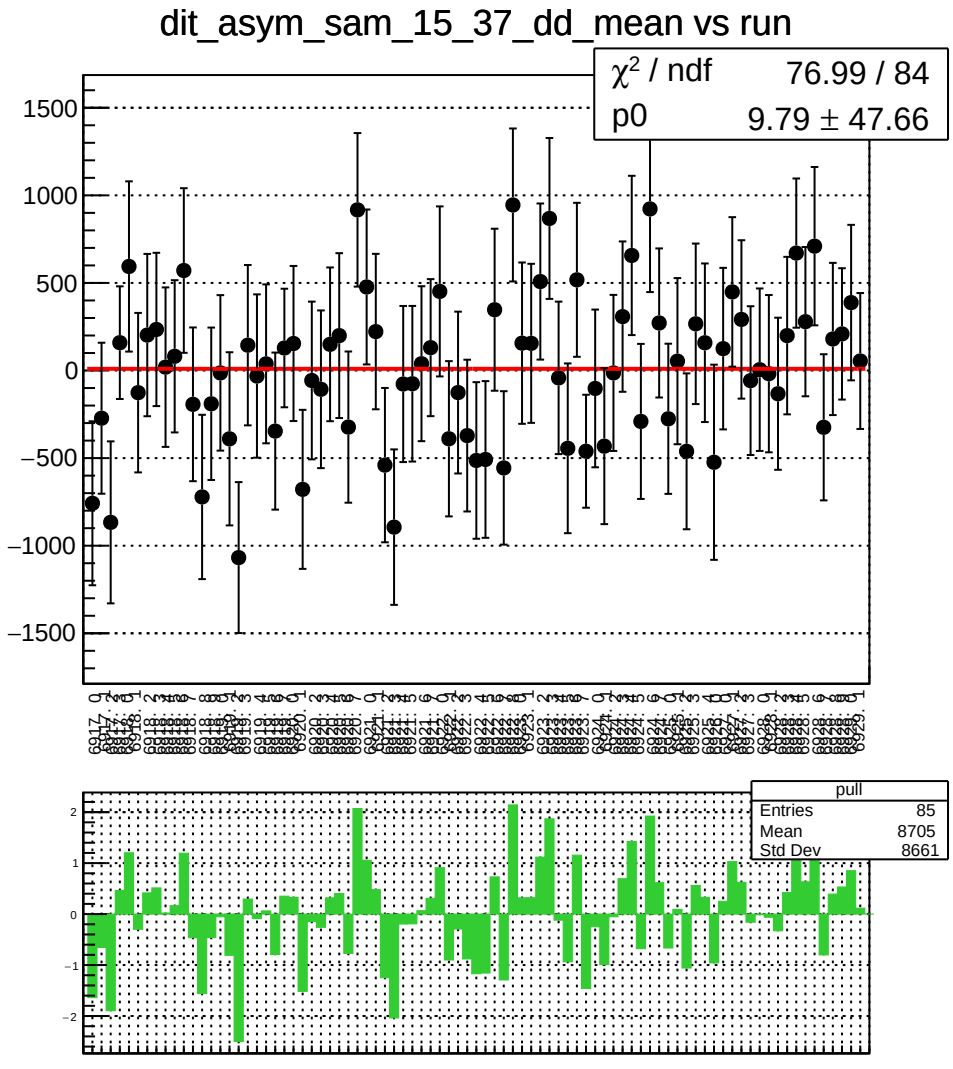

asym_sam_13_57_dd_correction_mean vs run
χ² / ndf 73.49 / 84
p0 −153.3 ± 392.3
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean −67.06
Std Dev 92.54
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.002533
Std Dev 0.9298
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

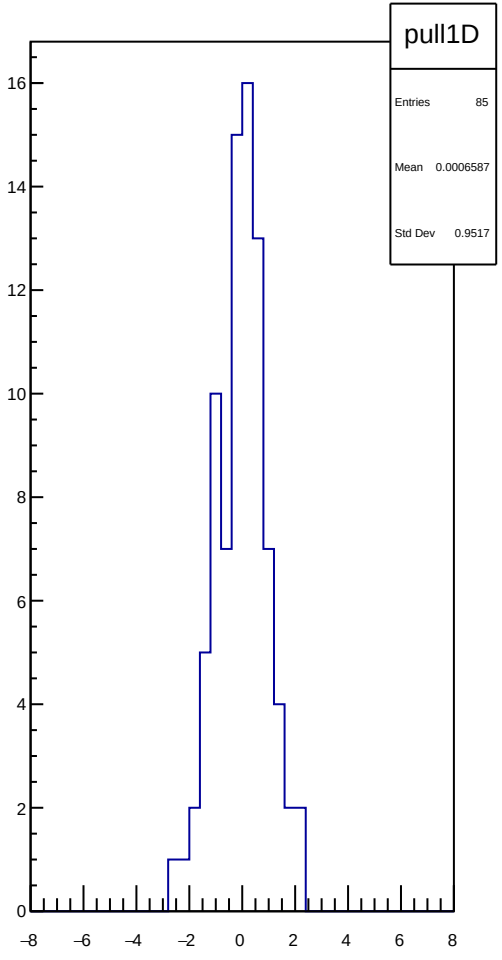

asym_sam_13_57_dd_correction_rms vs run
χ² / ndf 2455 / 84
p0 350.1 ± 0.2774
390
380
370
360
350
340
330
320

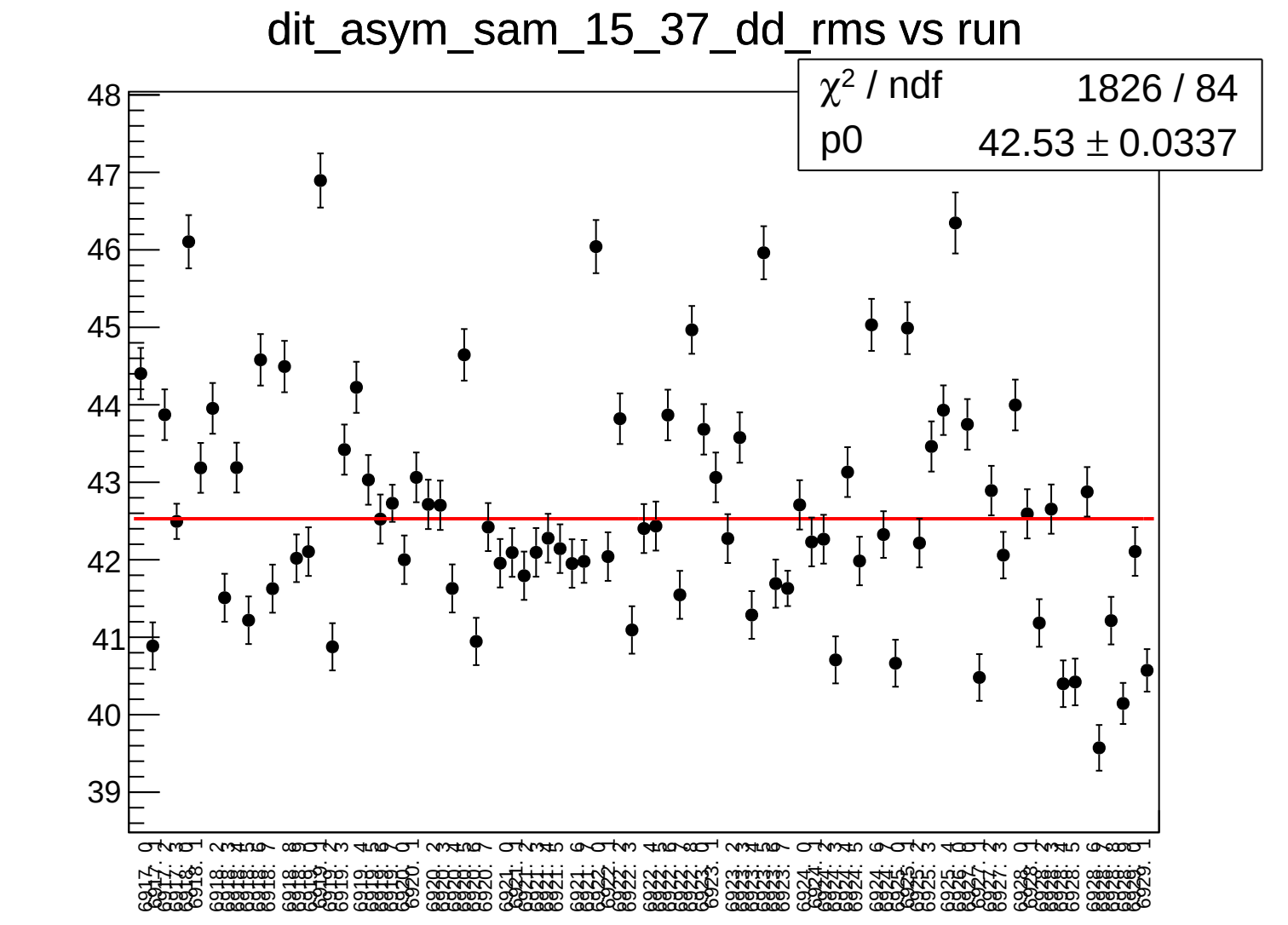

asym_sam_13_57_dd_mean vs run
χ² / ndf 66.36 / 84
p0 112.1 ± 377.1
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean −446.7
Std Dev 491.7
3
2
1
0
−1
−2

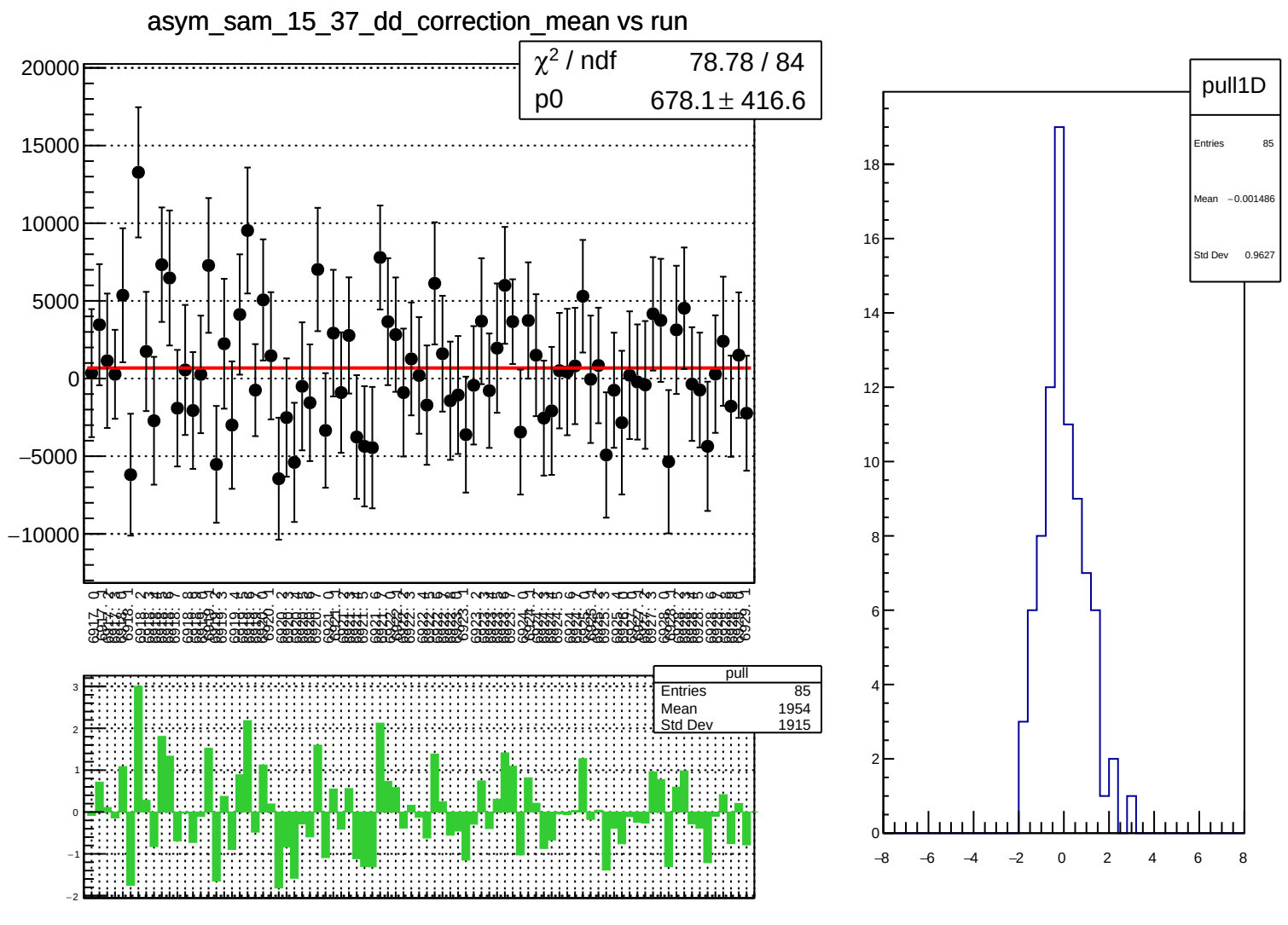

pull1D
Entries 85
Mean 0.003256
Std Dev 0.8836
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

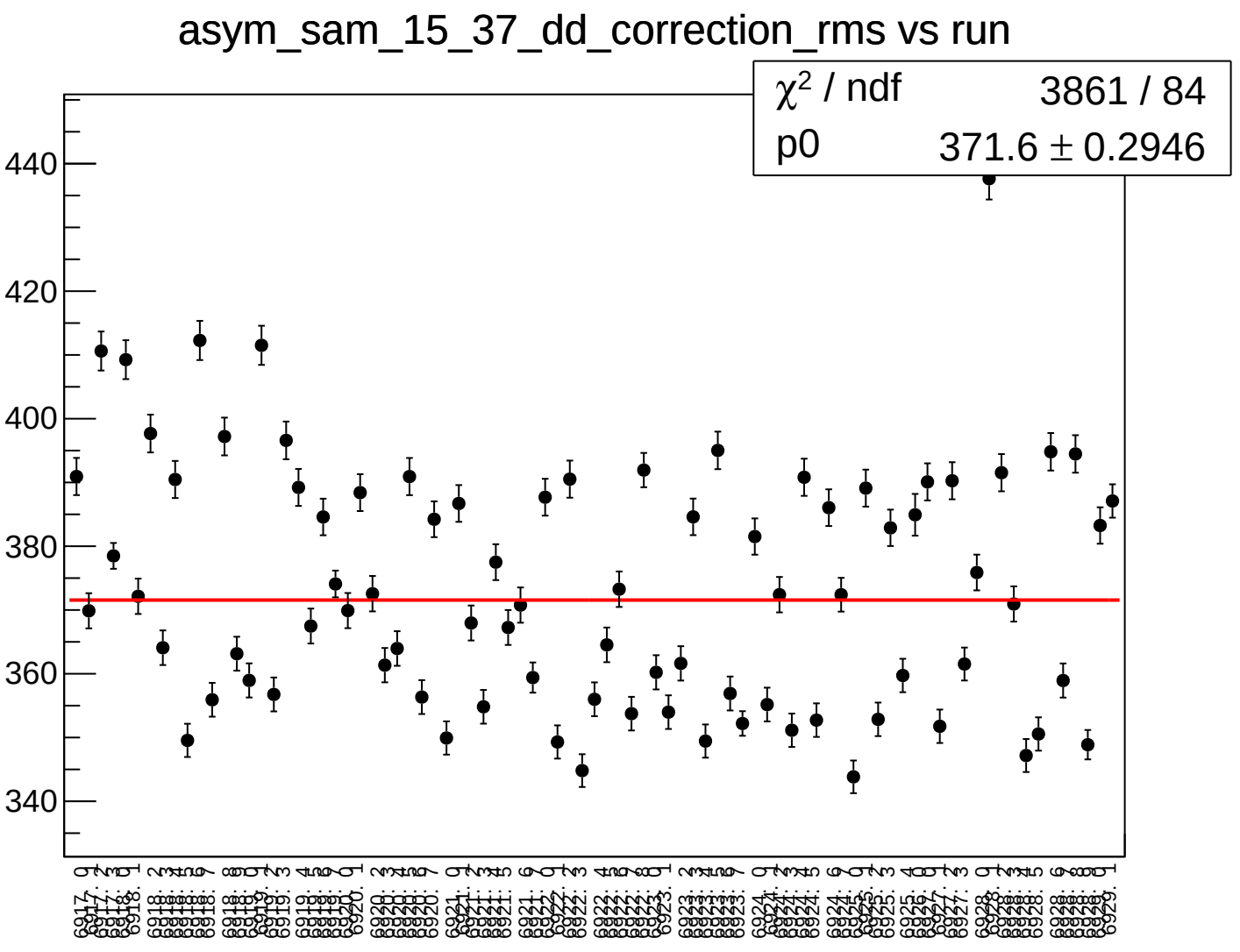

asym_sam_13_57_dd_rms vs run
χ² / ndf 2853 / 84
p0 336.5 ± 0.2667
380
370
360
350
340
330
320
310

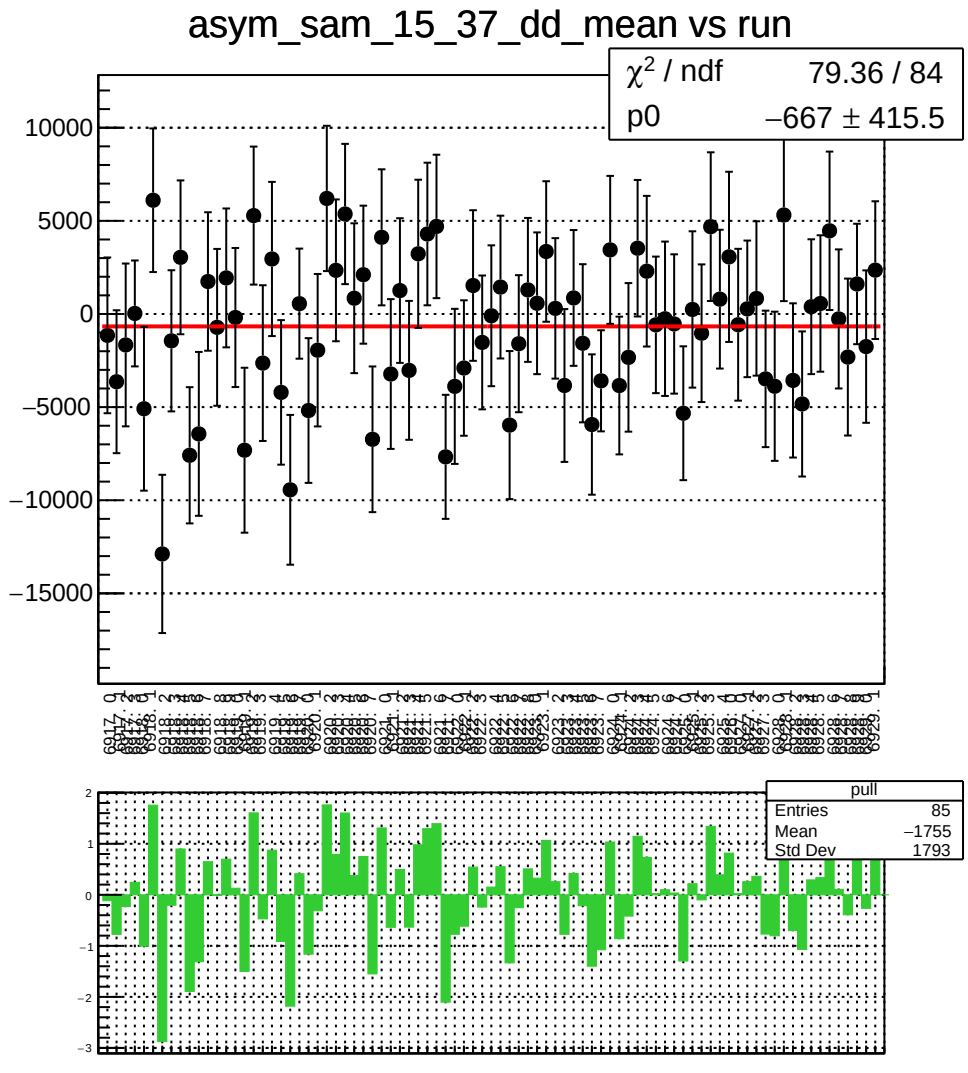

dit_asym_sam_15_37_dd_mean vs run
χ^2 / ndf 76.99 / 84
p0 9.79 ± 47.66
1500
1000
500
0
−500
−1000
−1500
pull
Entries 85
Mean 8705
Std Dev 8661
2
1
0
−1
−2

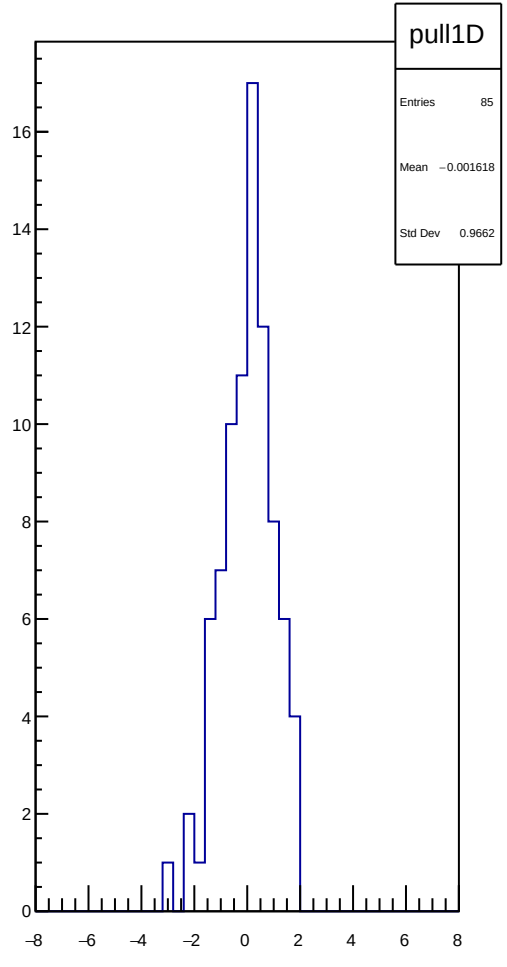

pull1D
Entries 85
Mean 0.0006587
Std Dev 0.9517
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

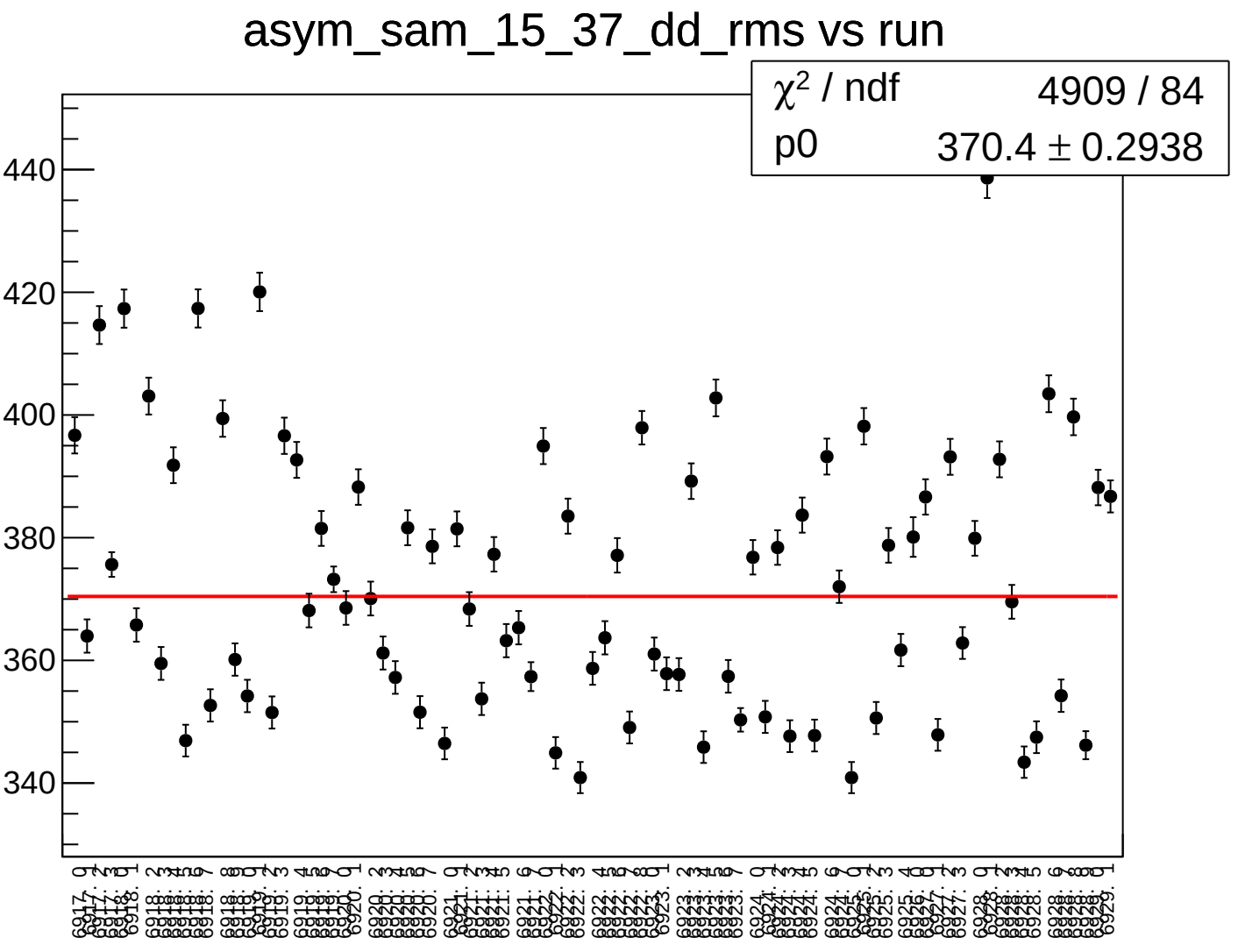

dit_asym_sam_15_37_dd_rms vs run
χ² / ndf 1826 / 84
p0 42.53 ± 0.0337
48
47
46
45
44
43
42
41
40
39

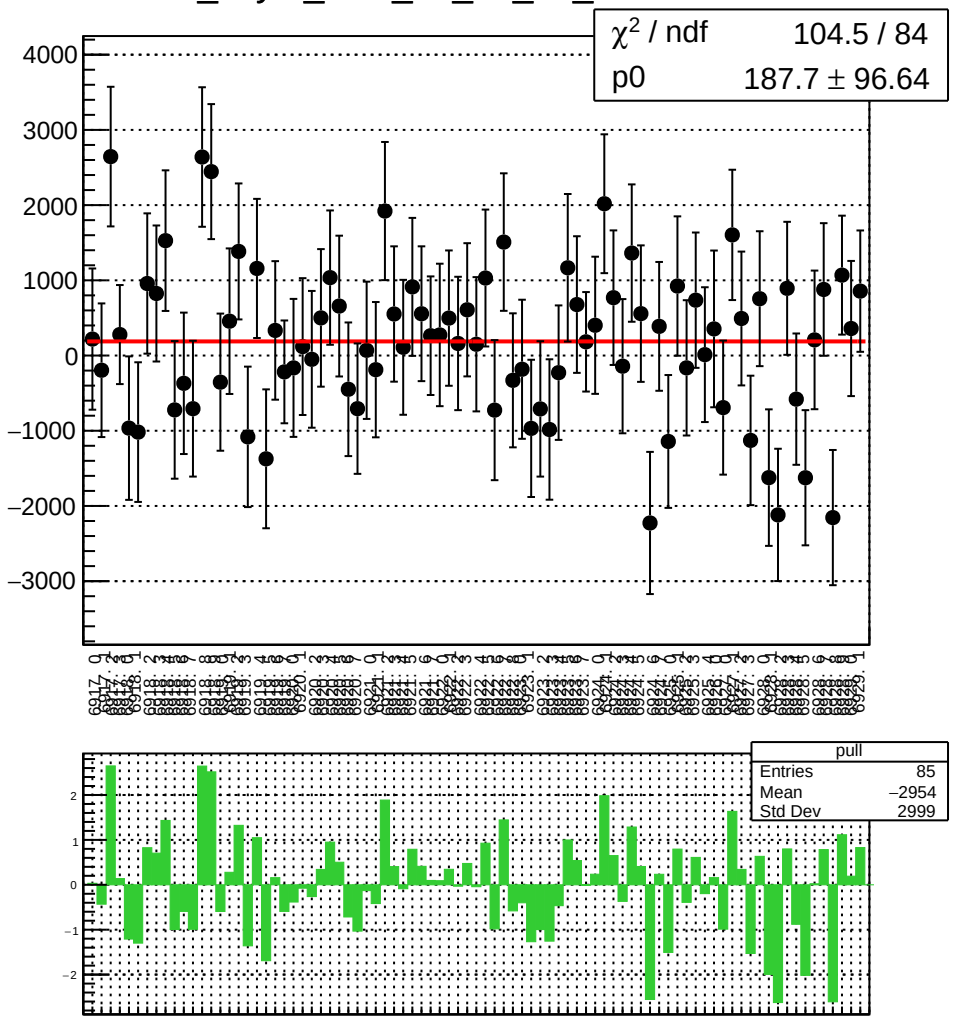

asym_sam_15_37_dd_correction_mean vs run
χ² / ndf 78.78 / 84
p0 678.1 ± 416.6
pull
Entries 85
Mean 1954
Std Dev 1915
pull1D
Entries 85
Mean −0.001486
Std Dev 0.9627

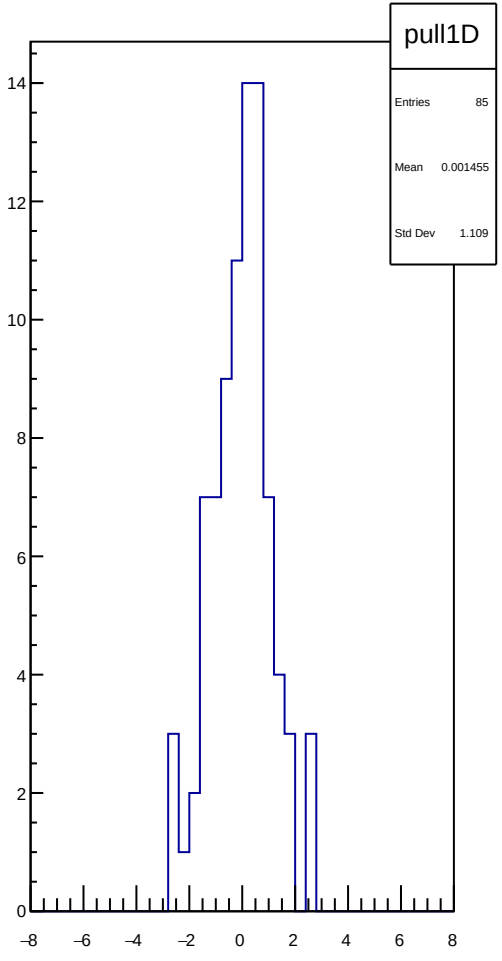

asym_sam_15_37_dd_correction_rms vs run
χ² / ndf 3861 / 84
p0 371.6 ± 0.2946
440
420
400
380
360
340

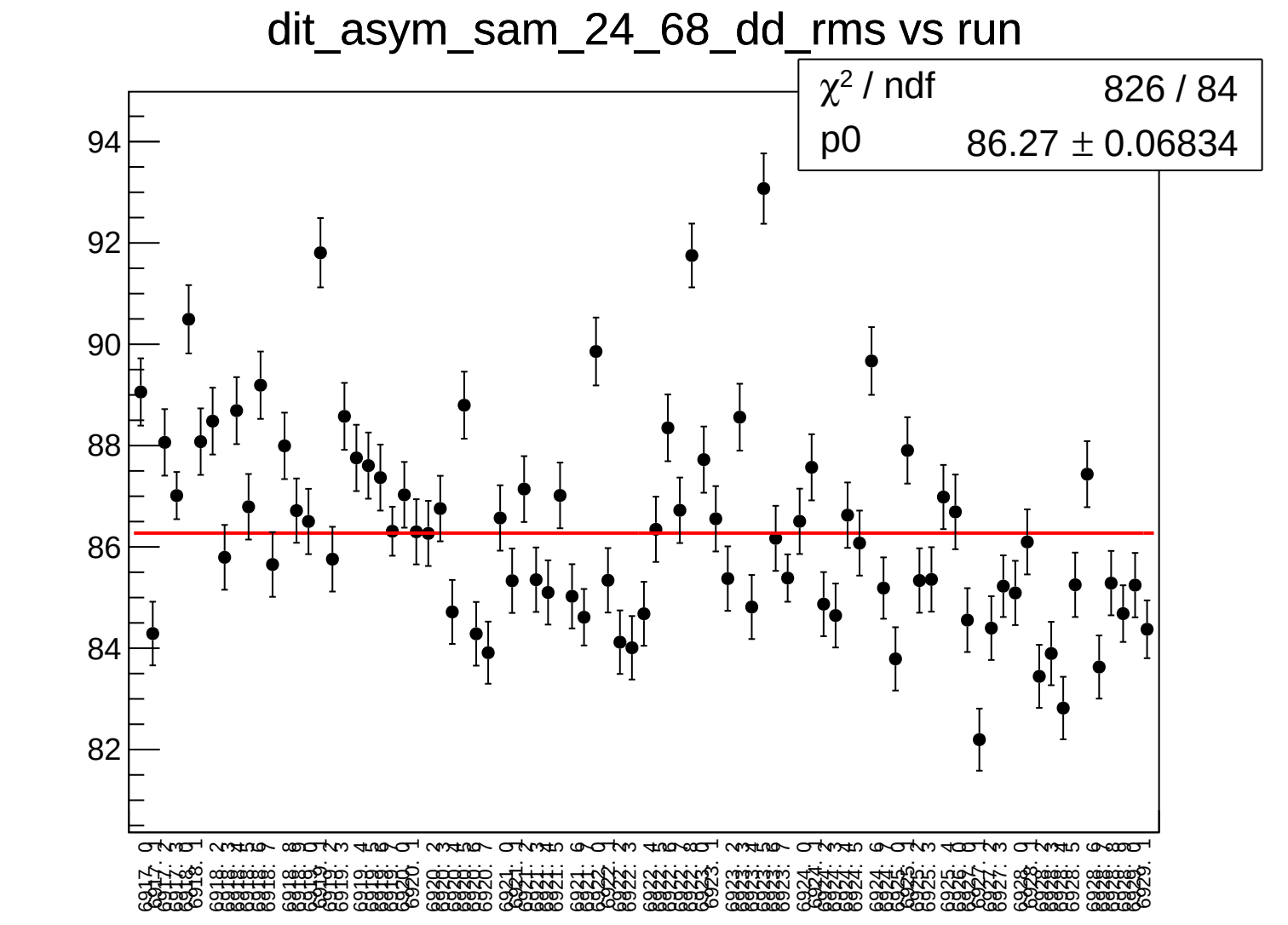

asym_sam_15_37_dd_mean vs run
χ² / ndf 79.36 / 84
p0 −667 ± 415.5
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean −1755
Std Dev 1793
2
1
0
−1
−2
−3

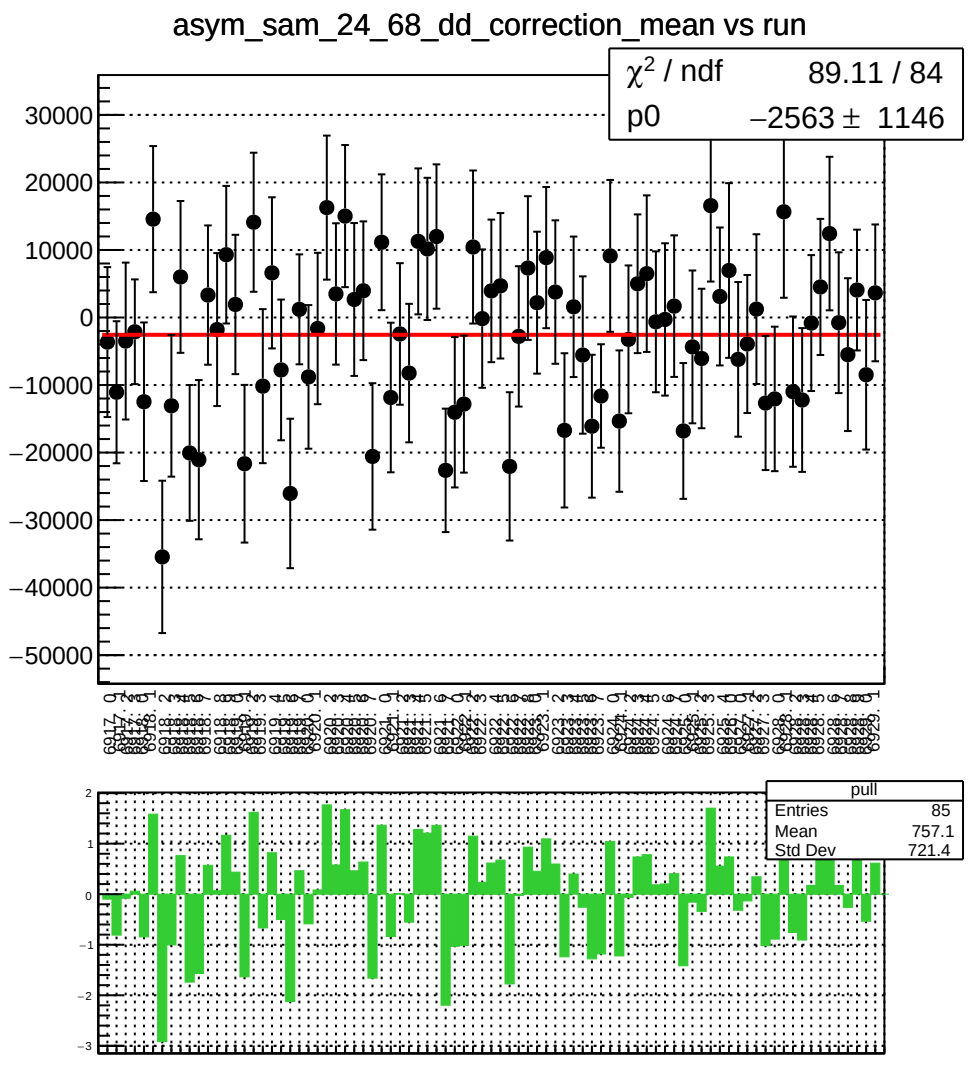

pull1D
Entries 85
Mean −0.001618
Std Dev 0.9662
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

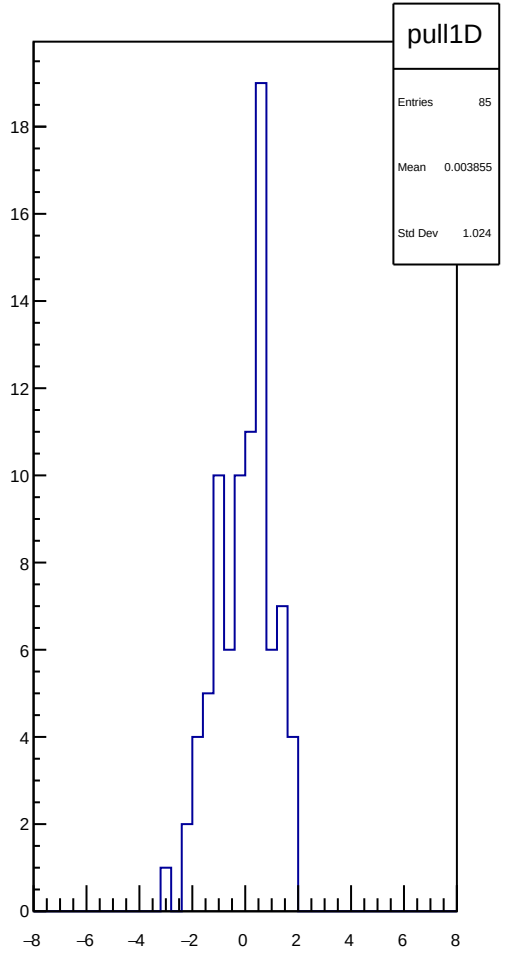

asym_sam_15_37_dd_rms vs run
χ² / ndf 4909 / 84
p0 370.4 ± 0.2938
440
420
400
380
360
340

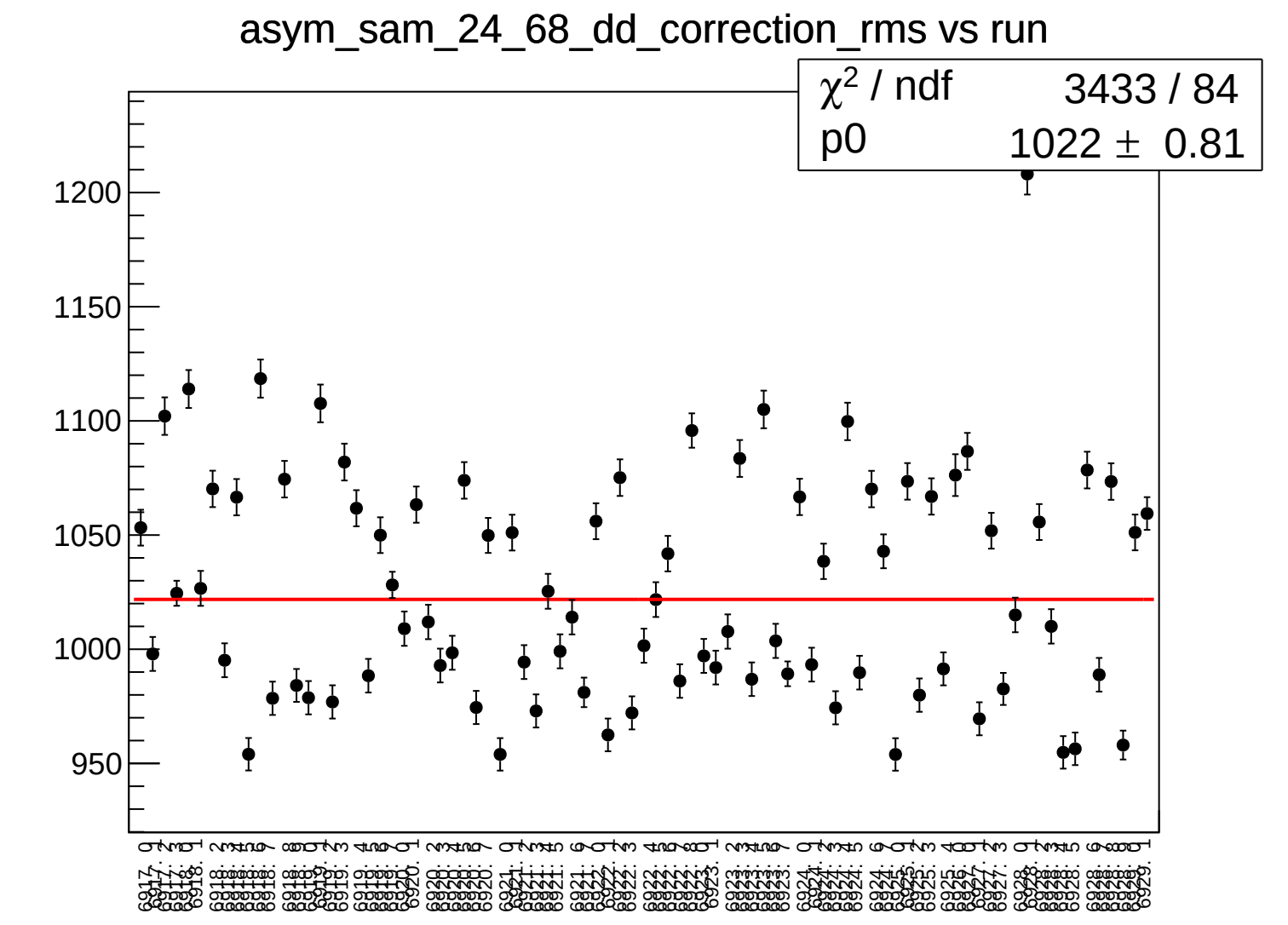

dit_asym_sam_24_68_dd_mean vs run
χ² / ndf 104.5 / 84
p0 187.7 ± 96.64
pull
Entries 85
Mean −2954
Std Dev 2999

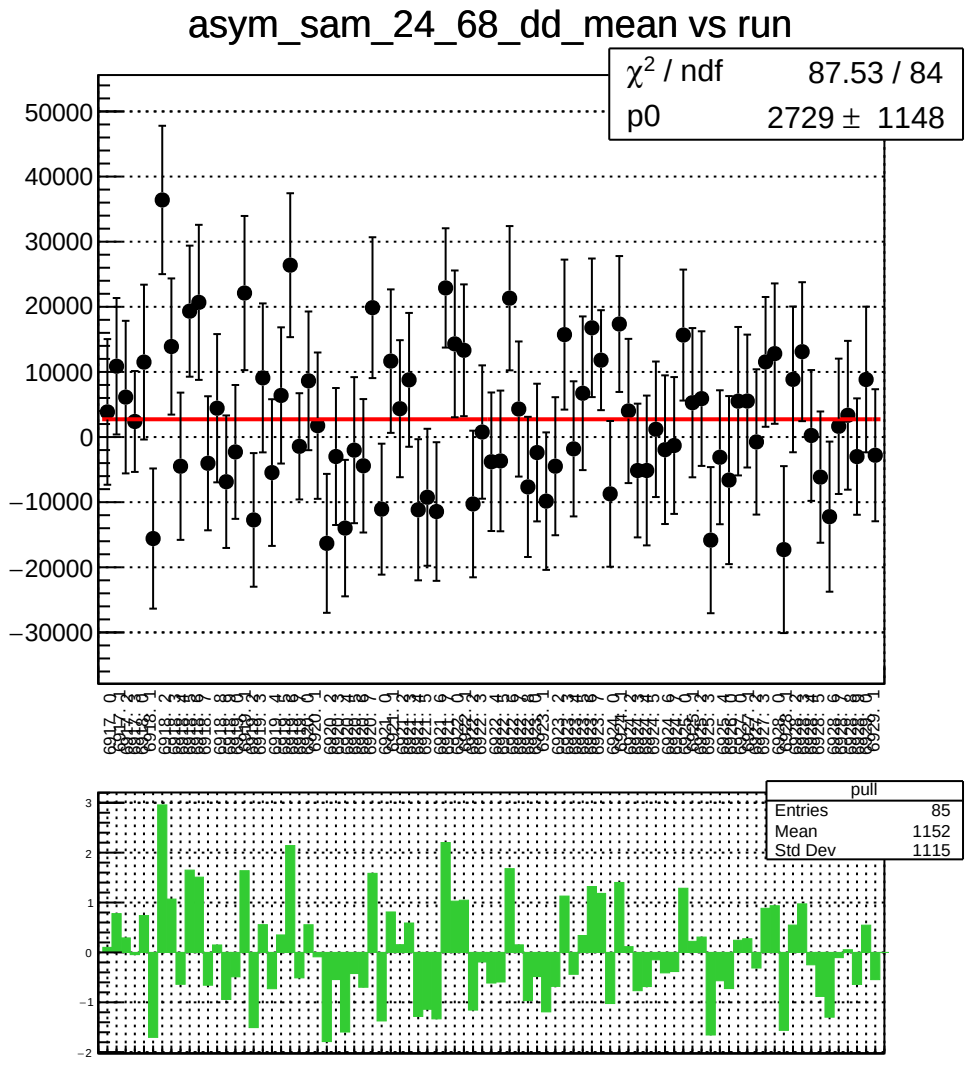

pull1D
Entries 85
Mean 0.001455
Std Dev 1.109

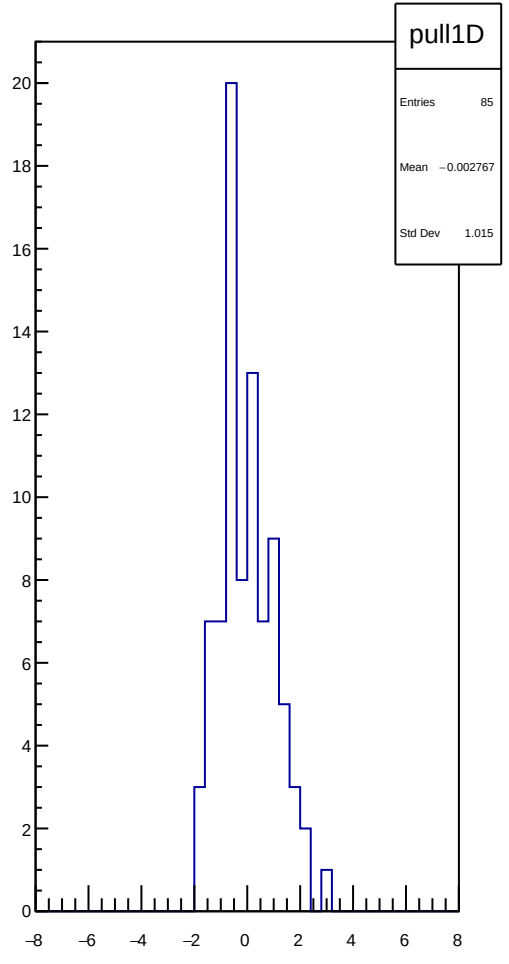

dit_asym_sam_24_68_dd_rms vs run
χ^2 / ndf 826 / 84
p0 86.27 ± 0.06834
94
92
90
88
86
84
82

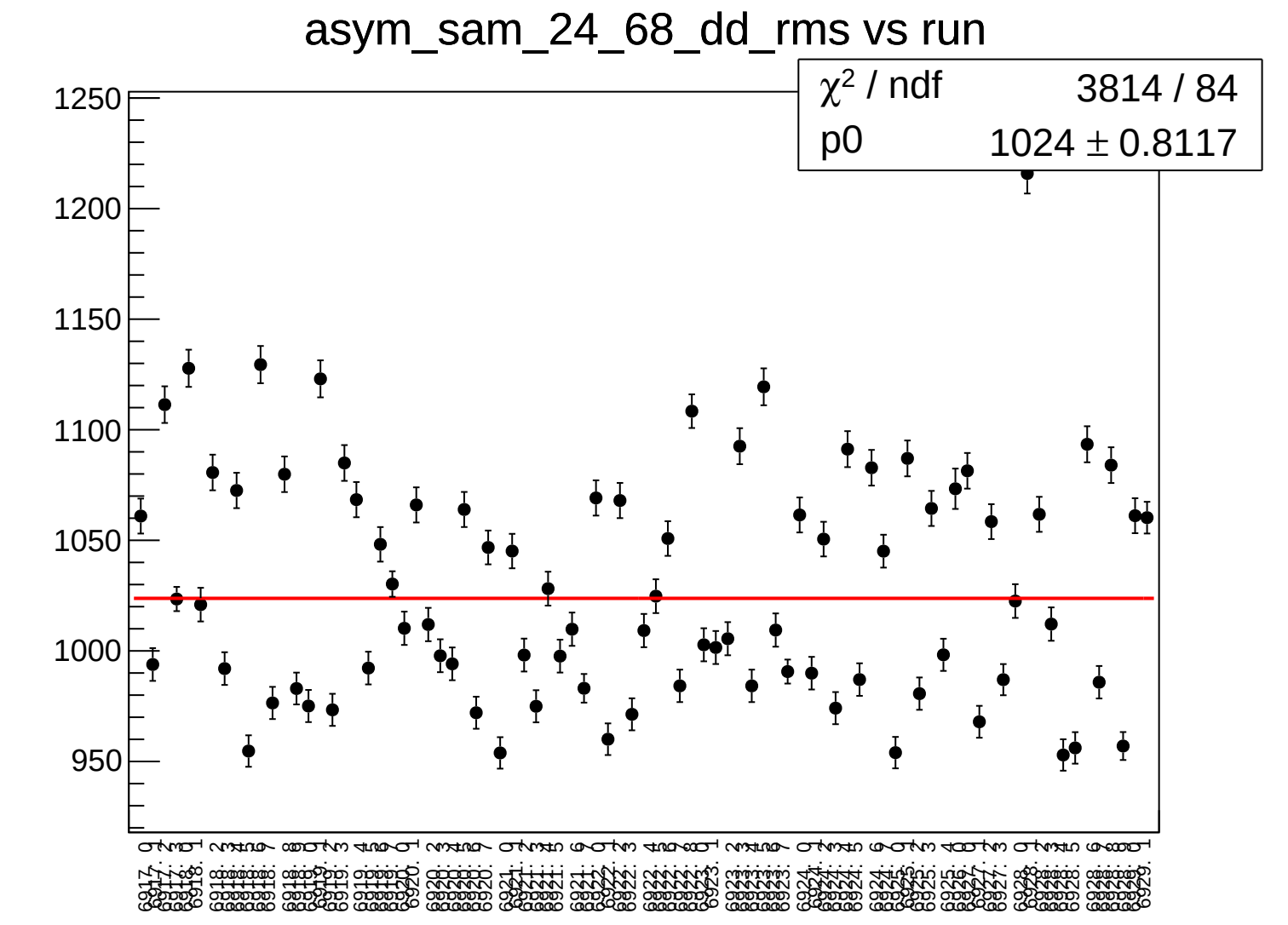

asym_sam_24_68_dd_correction_mean vs run
χ² / ndf 89.11 / 84
p0 −2563 ± 1146
pull
Entries 85
Mean 757.1
Std Dev 721.4

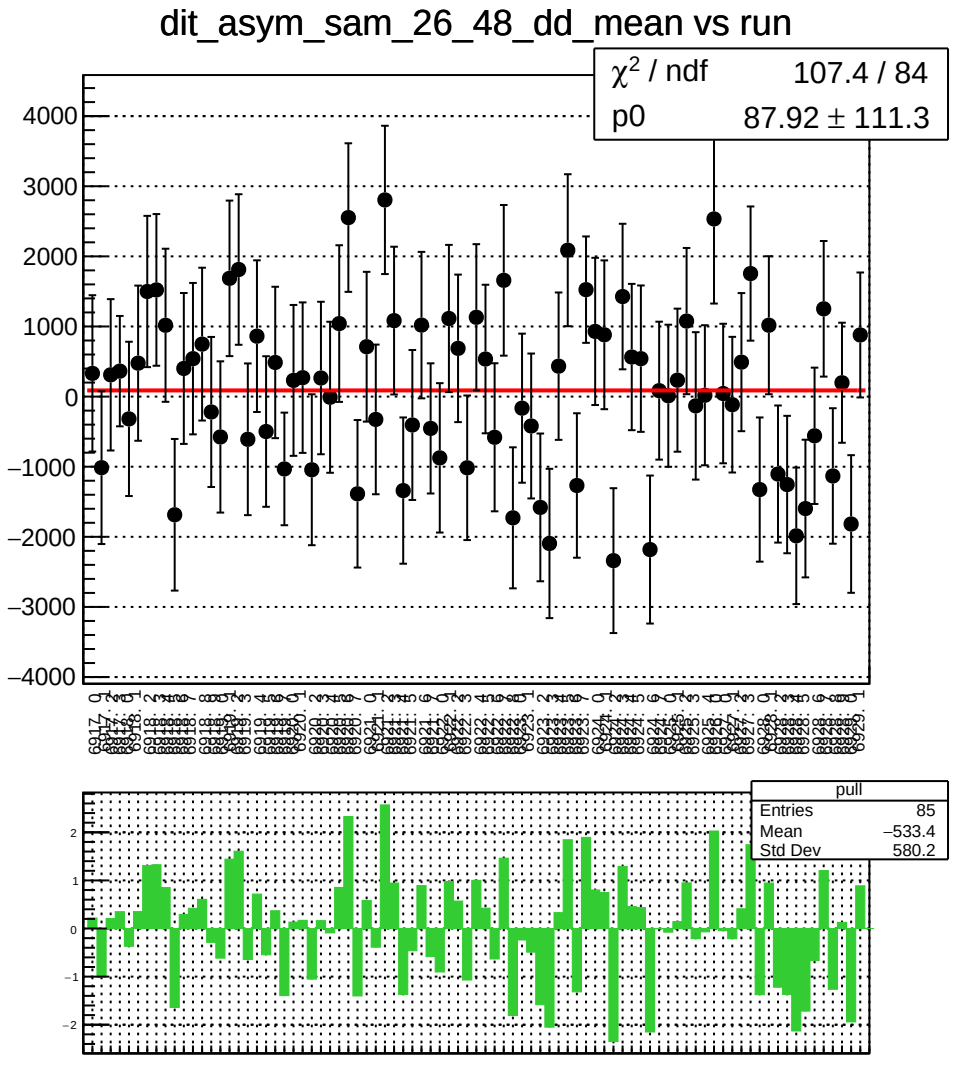

pull1D
Entries 85
Mean 0.003855
Std Dev 1.024

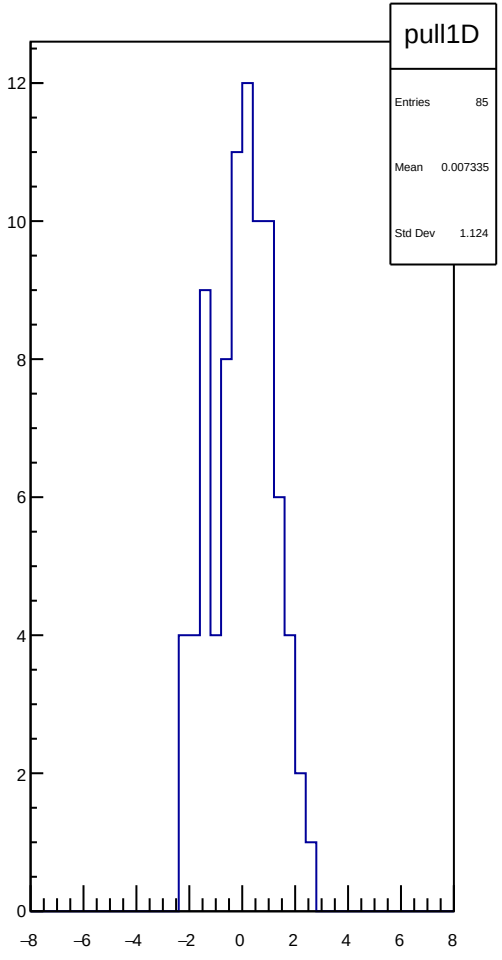

asym_sam_24_68_dd_correction_rms vs run
χ² / ndf 3433 / 84
p0 1022 ± 0.81
1200
1150
1100
1050
1000
950

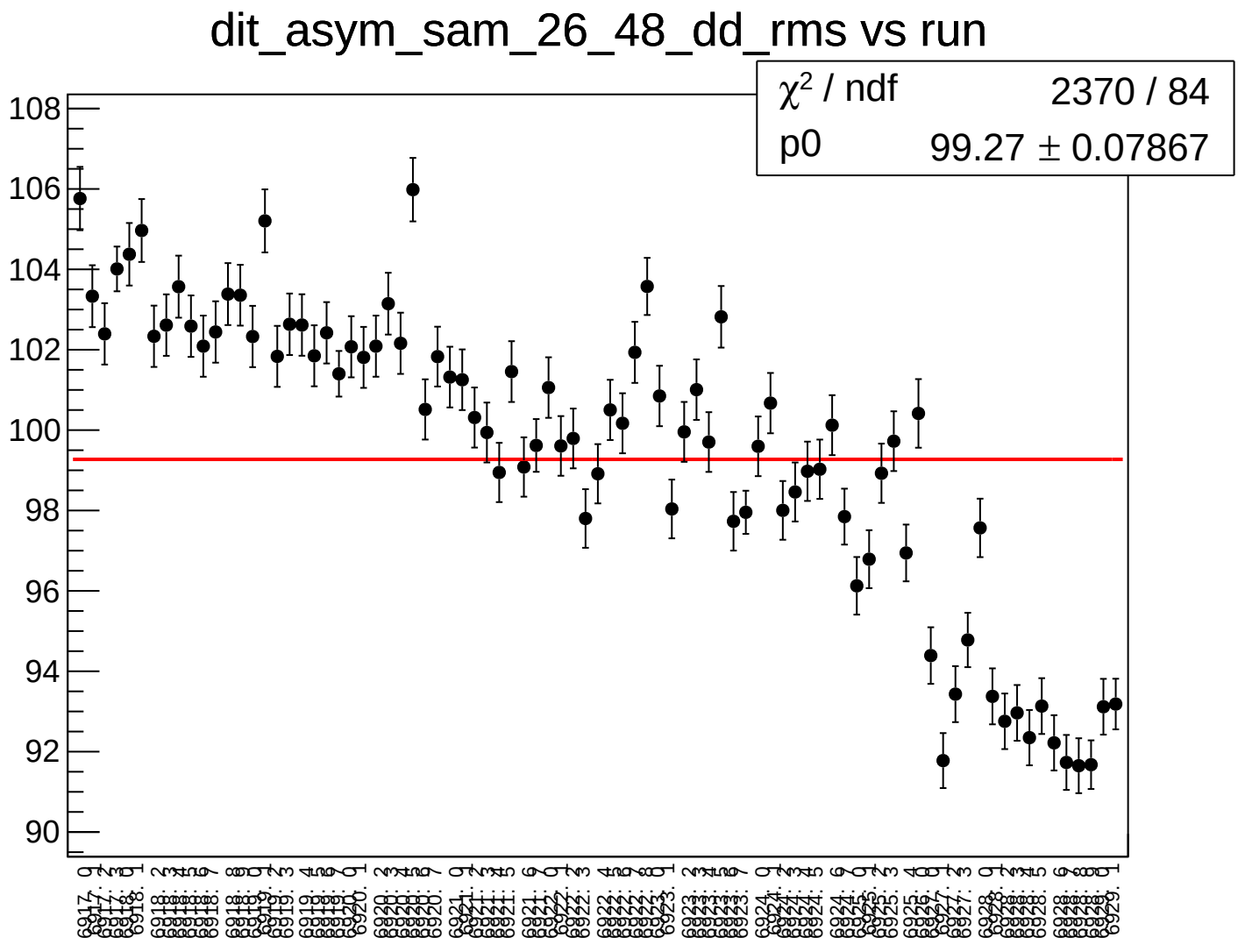

asym_sam_24_68_dd_mean vs run
χ² / ndf 87.53 / 84
p0 2729 ± 1148
pull
Entries 85
Mean 1152
Std Dev 1115

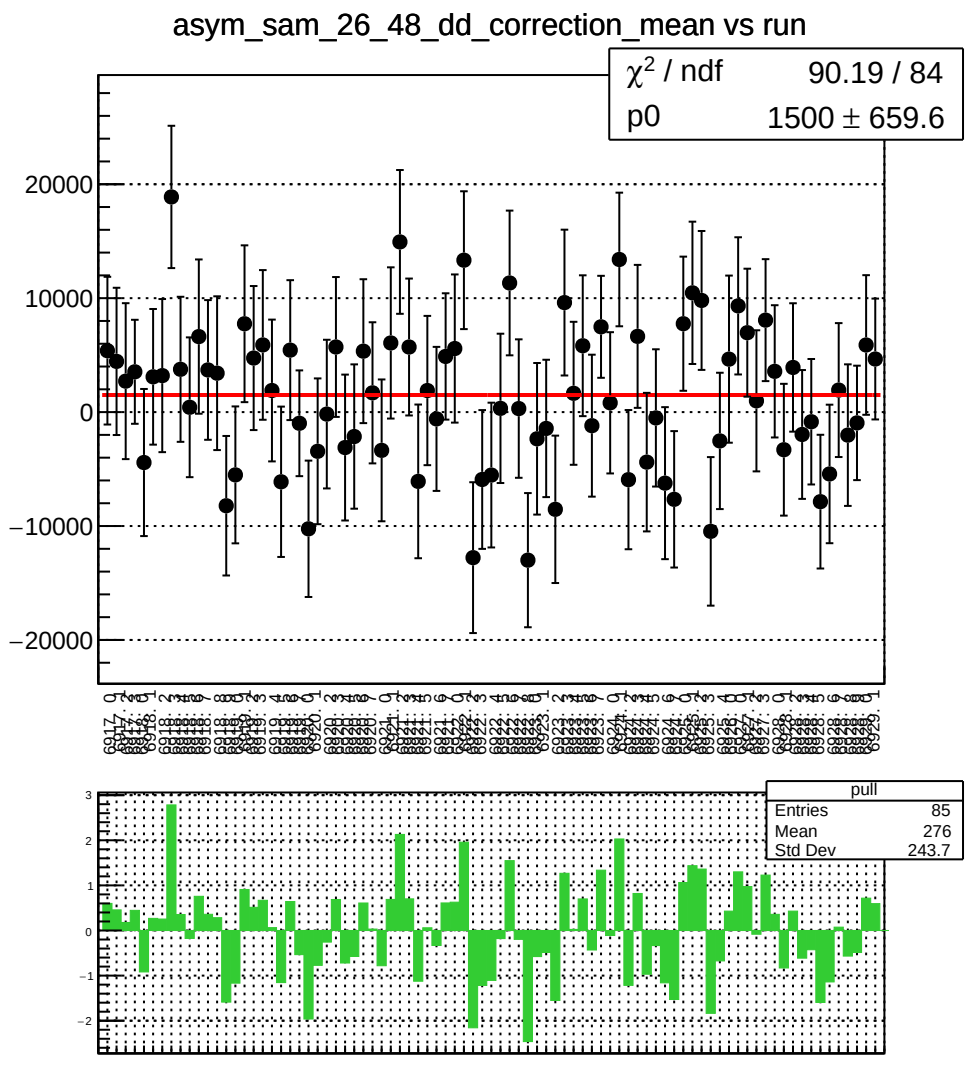

pull1D
Entries 85
Mean −0.002767
Std Dev 1.015

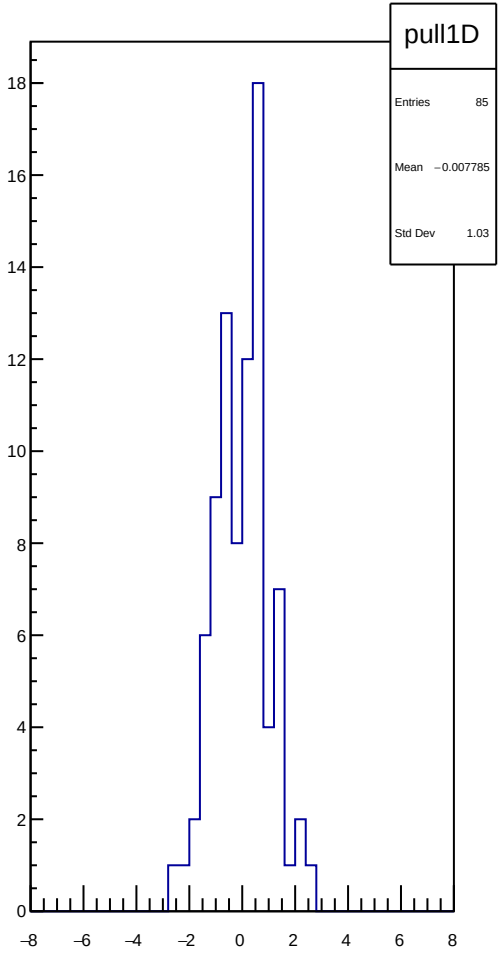

asym_sam_24_68_dd_rms vs run
χ² / ndf 3814 / 84
p0 1024 ± 0.8117
1250
1200
1150
1100
1050
1000
950

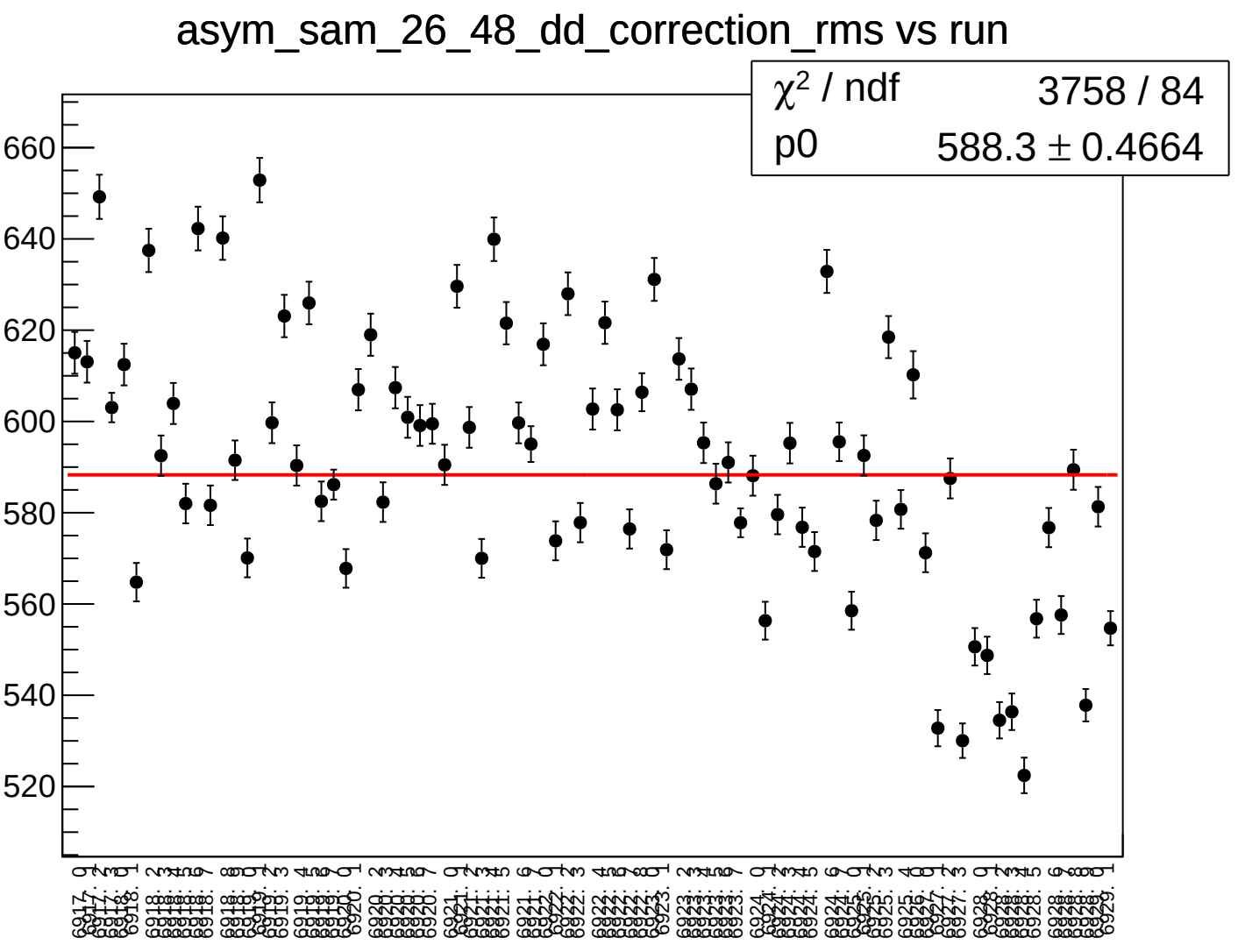

dit_asym_sam_26_48_dd_mean vs run
χ² / ndf 107.4 / 84
p0 87.92 ± 111.3
pull
Entries 85
Mean −533.4
Std Dev 580.2

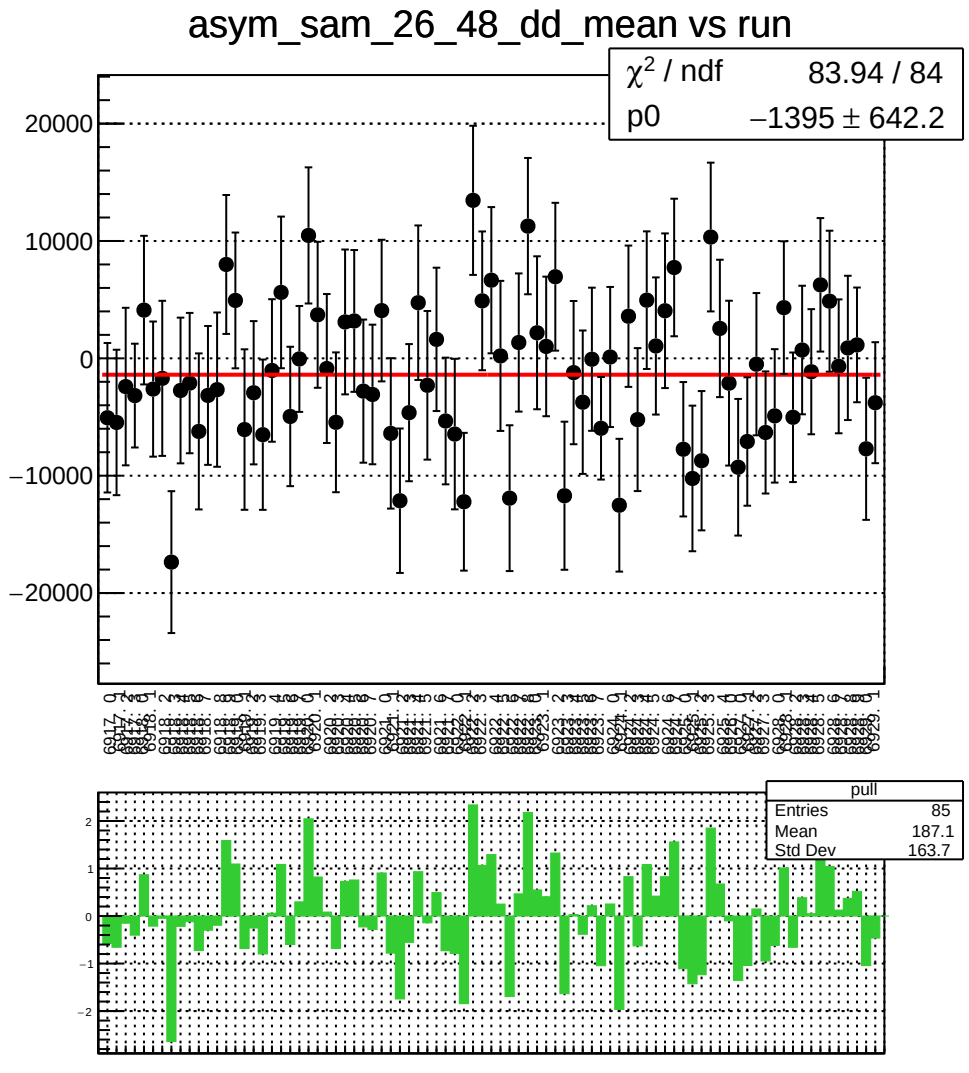

pull1D
Entries 85
Mean 0.007335
Std Dev 1.124

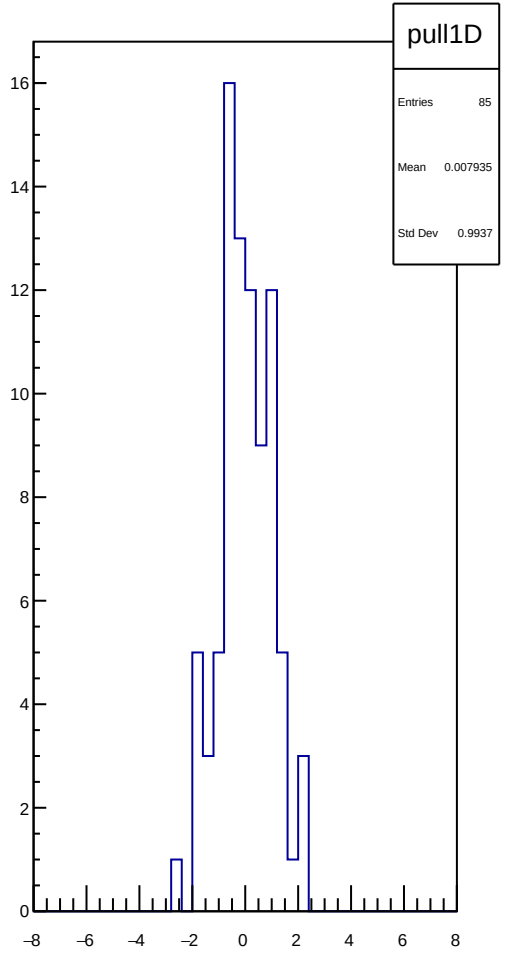

dit_asym_sam_26_48_dd_rms vs run
χ^2 / ndf 2370 / 84
p0 99.27 ± 0.07867
108
106
104
102
100
98
96
94
92
90

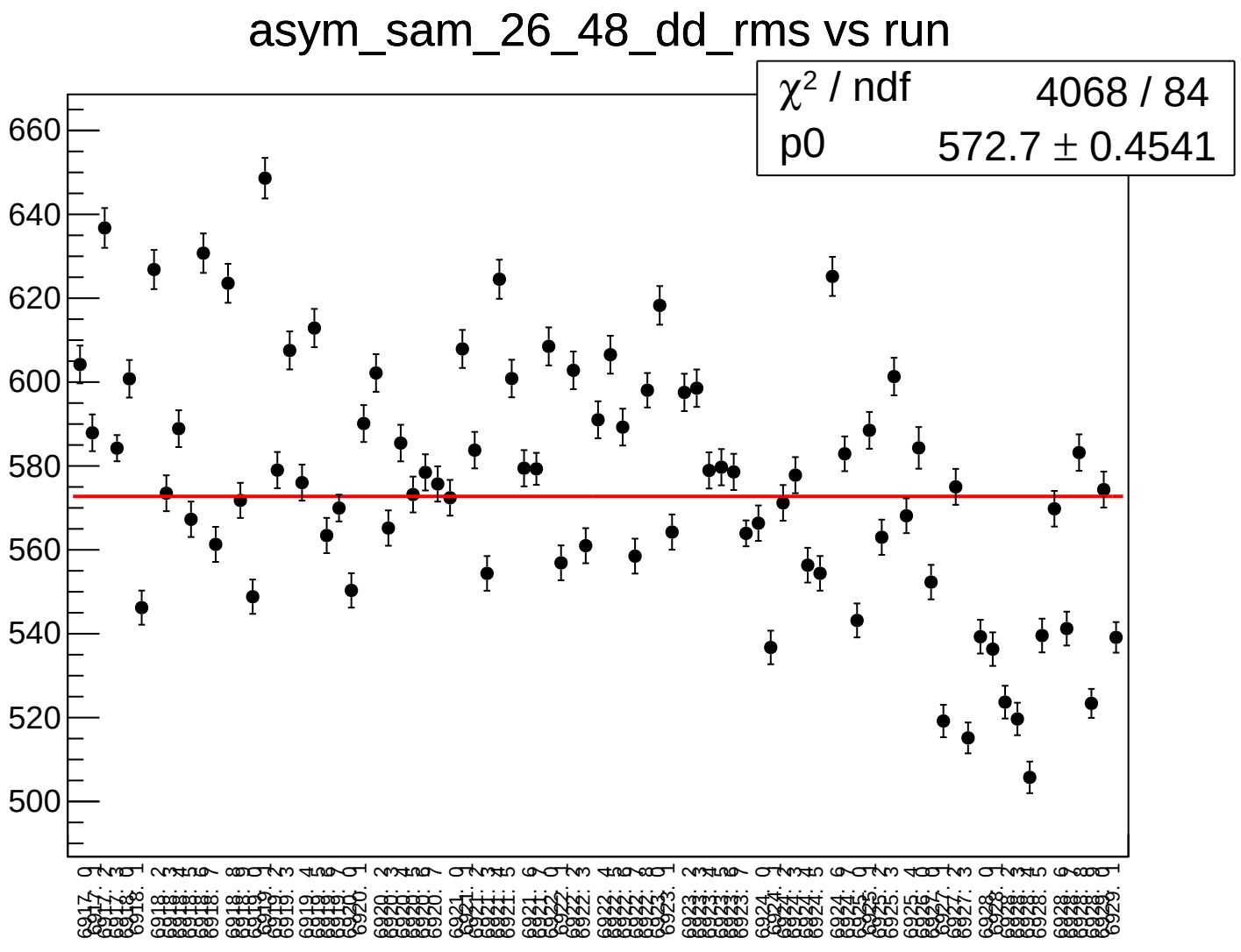

asym_sam_26_48_dd_correction_mean vs run
χ² / ndf 90.19 / 84
p0 1500 ± 659.6
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 276
Std Dev 243.7
3
2
1
0
−1
−2

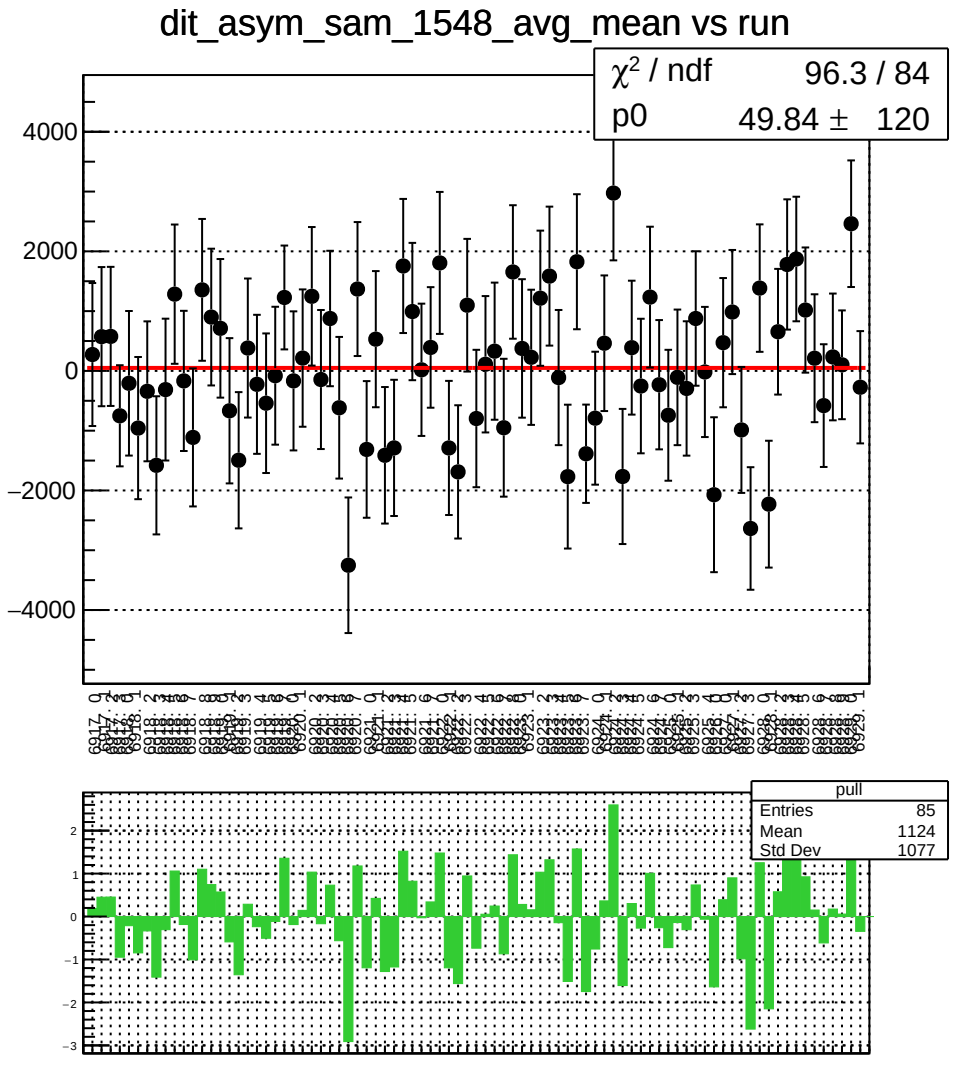

pull1D
Entries 85
Mean −0.007785
Std Dev 1.03
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

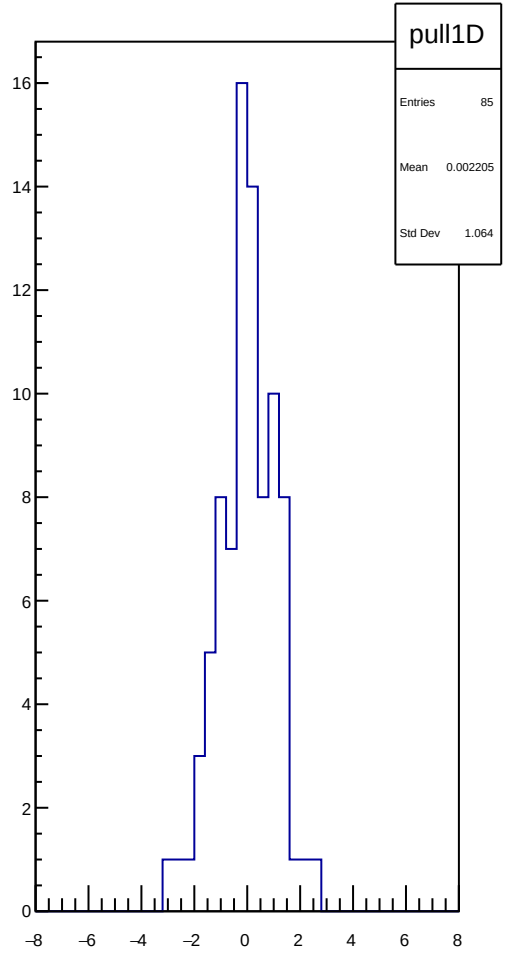

asym_sam_26_48_dd_correction_rms vs run
χ² / ndf 3758 / 84
p0 588.3 ± 0.4664
660
640
620
600
580
560
540
520

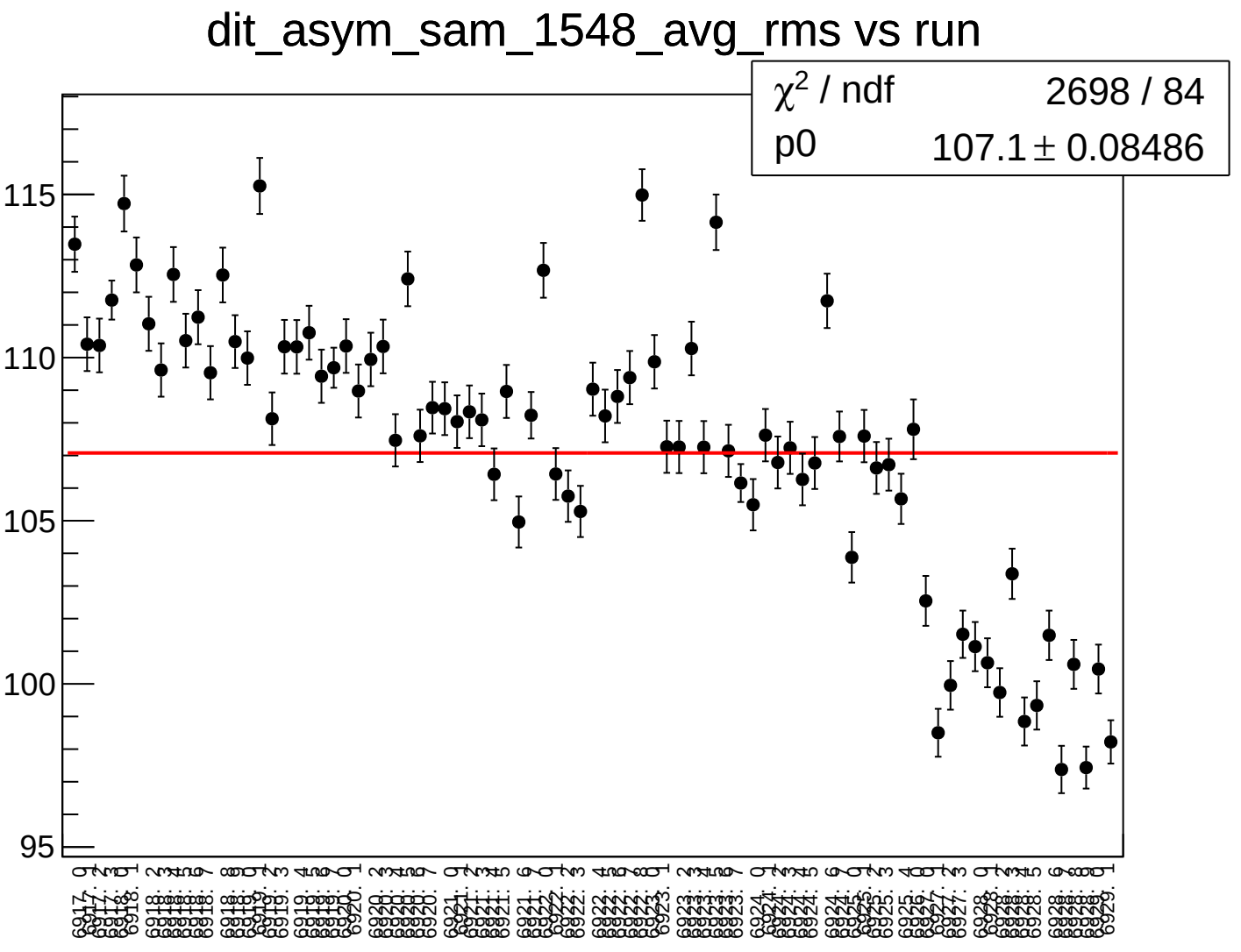

asym_sam_26_48_dd_mean vs run
χ² / ndf 83.94 / 84
p0 −1395 ± 642.2
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 187.1
Std Dev 163.7
2
1
0
−1
−2

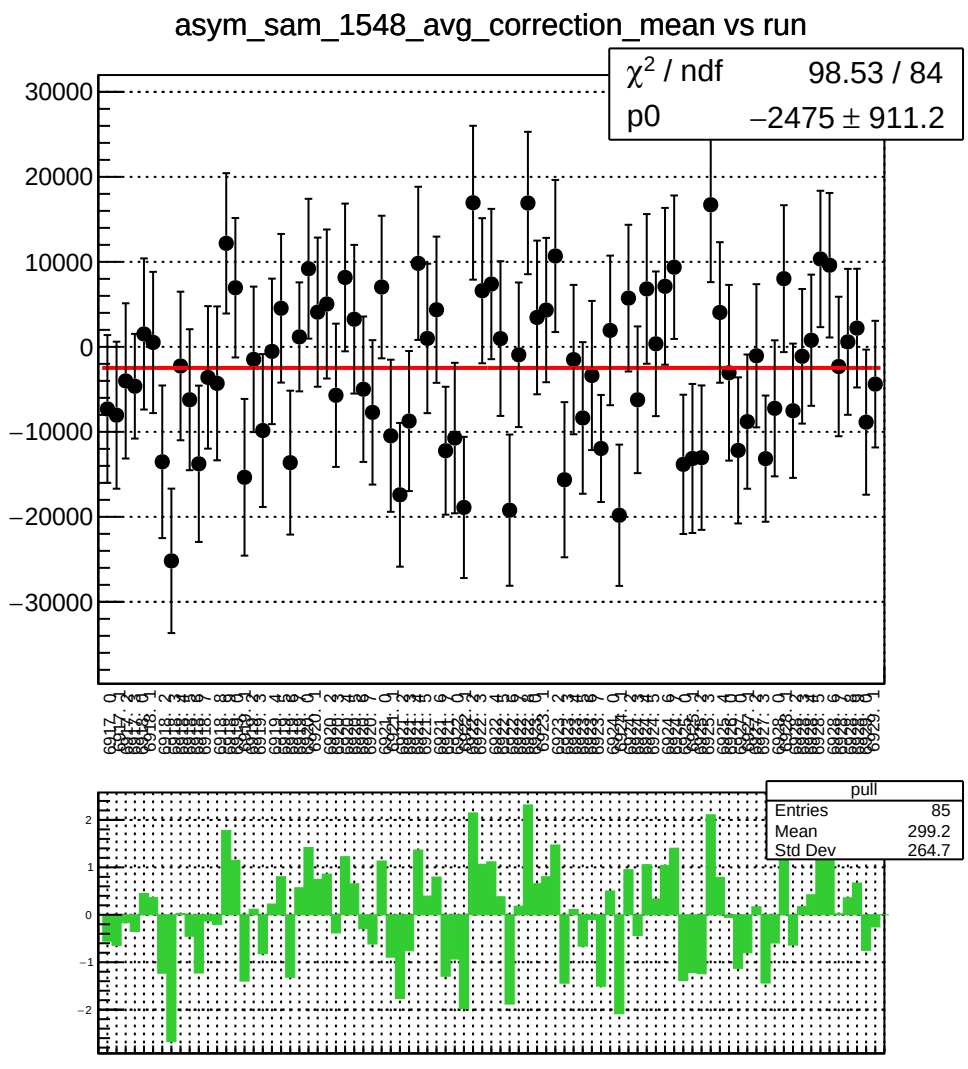

pull1D
Entries 85
Mean 0.007935
Std Dev 0.9937
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

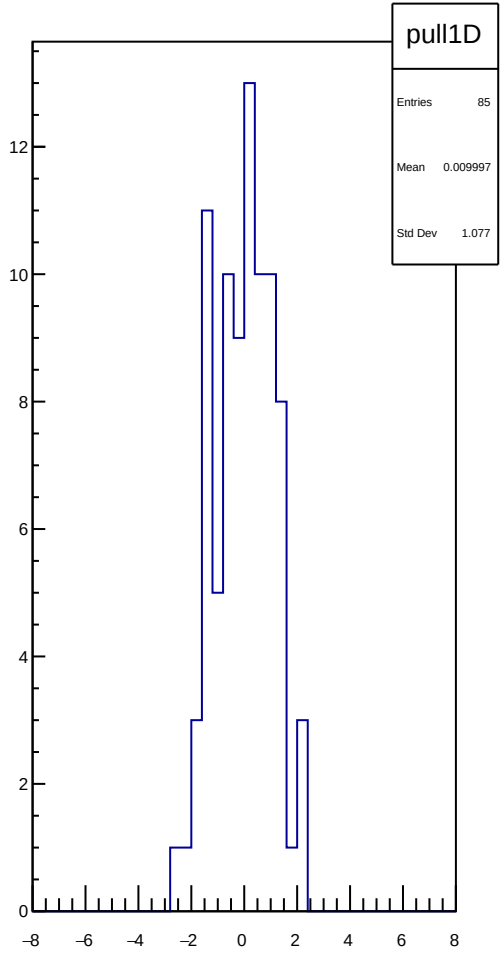

asym_sam_26_48_dd_rms vs run
χ² / ndf 4068 / 84
p0 572.7 ± 0.4541
660
640
620
600
580
560
540
520
500

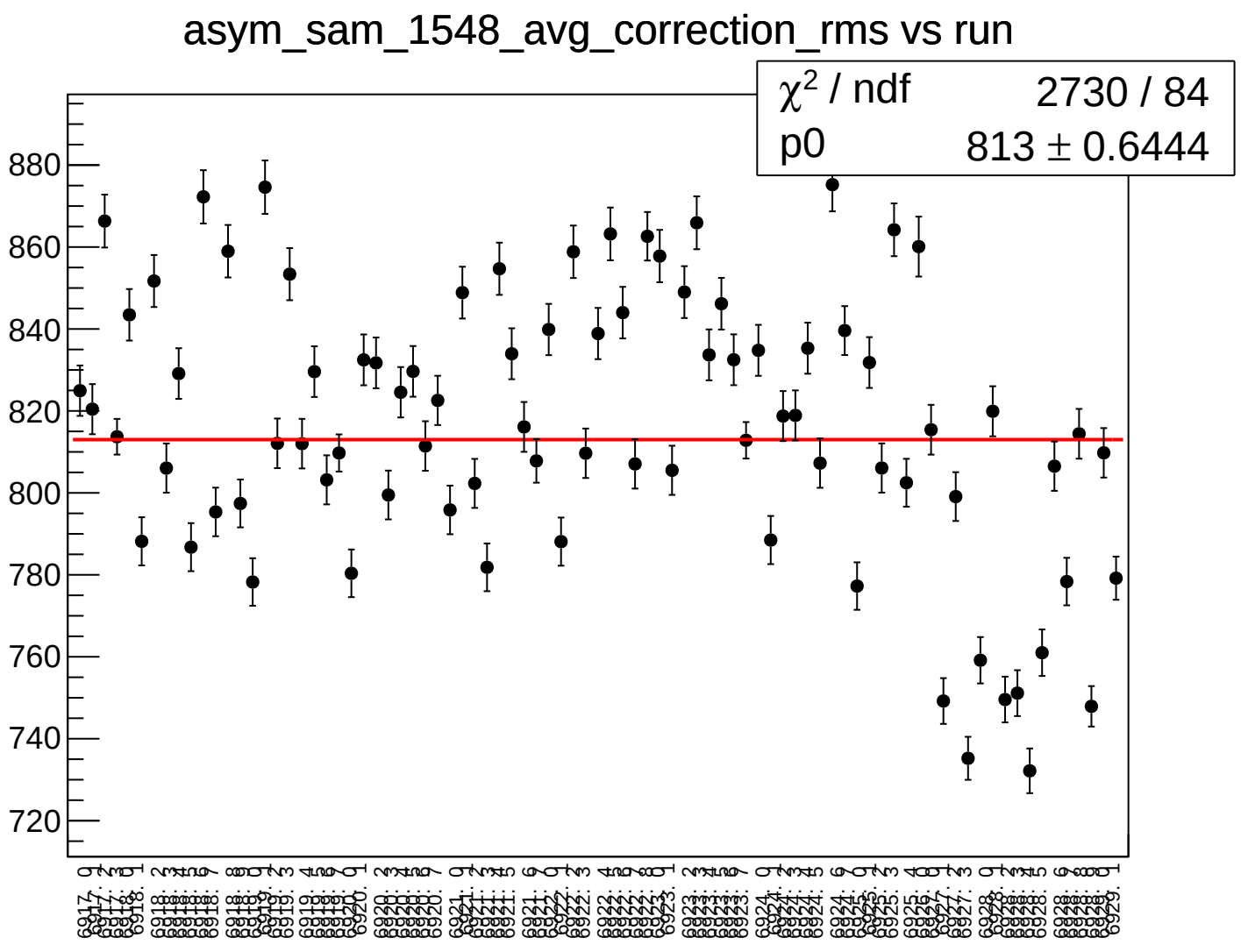

dit_asym_sam_1548_avg_mean vs run
χ² / ndf 96.3 / 84
p0 49.84 ± 120
4000
2000
0
−2000
−4000
pull
Entries 85
Mean 1124
Std Dev 1077
2
1
0
−1
−2
−3

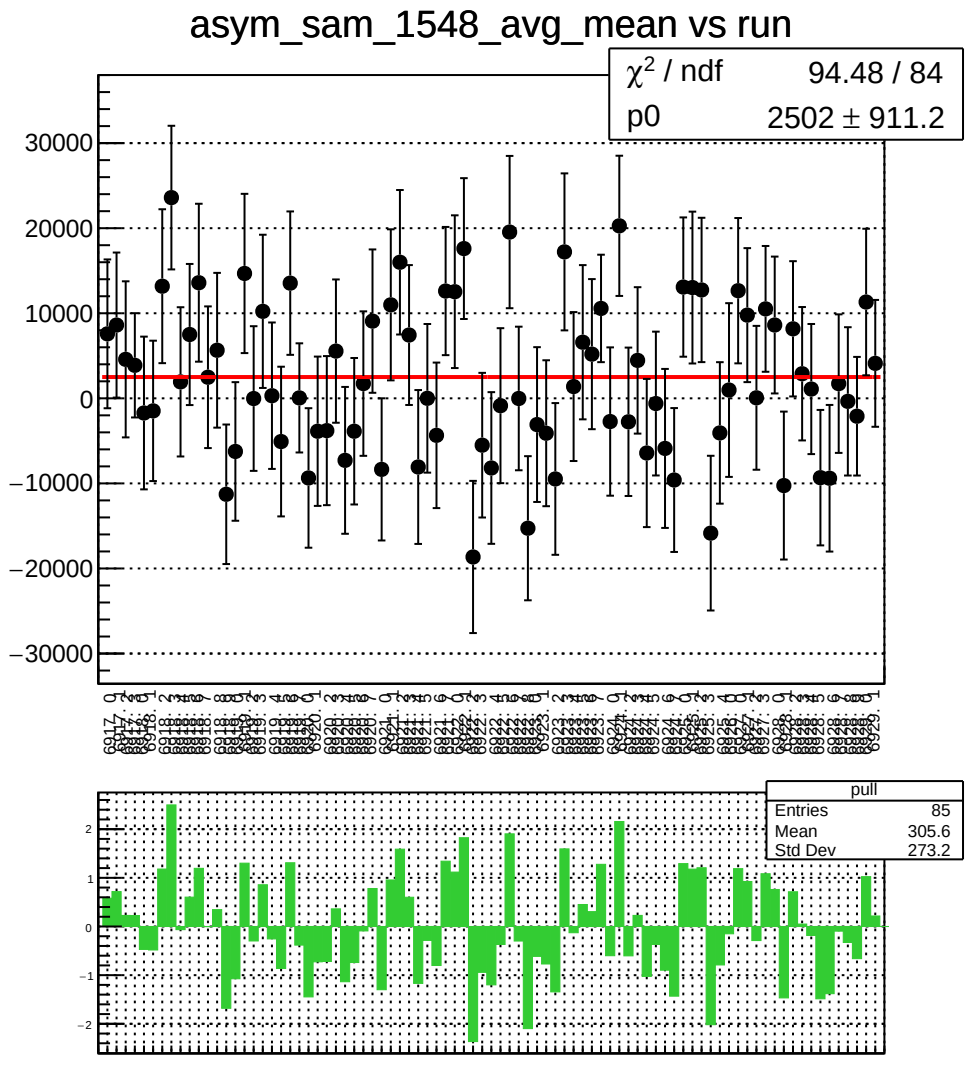

pull1D
Entries 85
Mean 0.002205
Std Dev 1.064
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

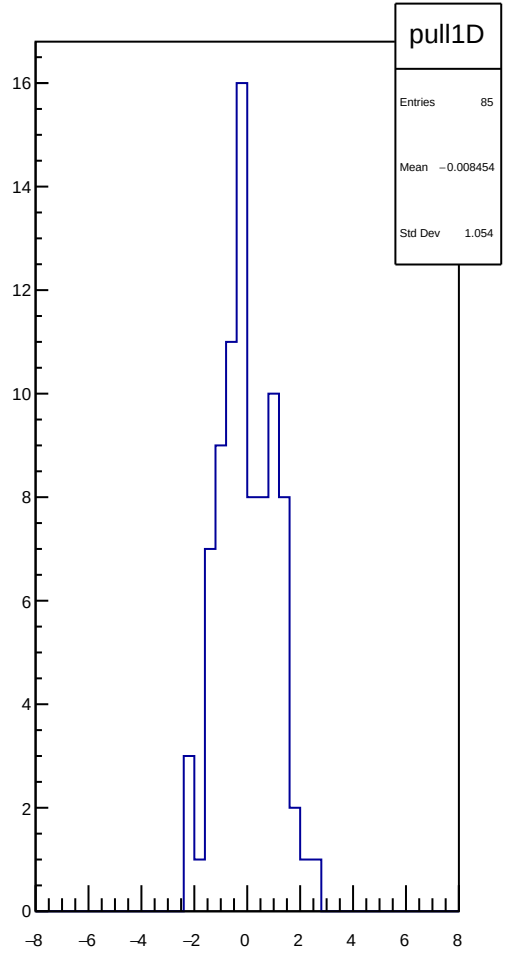

dit_asym_sam_1548_avg_rms vs run
χ^2 / ndf 2698 / 84
p0 107.1 ± 0.08486
115
110
105
100
95

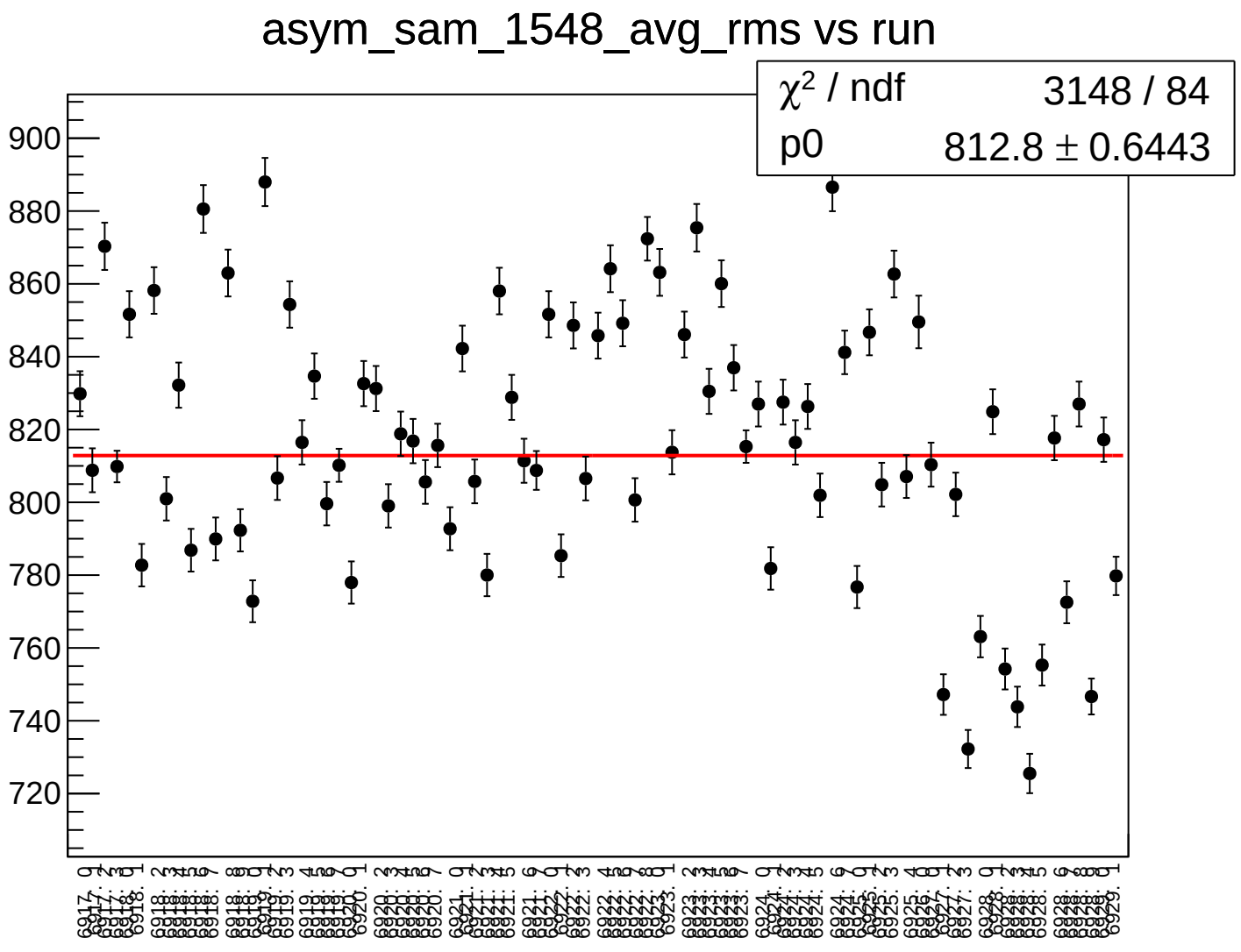

asym_sam_1548_avg_correction_mean vs run
χ² / ndf 98.53 / 84
p0 −2475 ± 911.2
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 299.2
Std Dev 264.7
2
1
0
−1
−2

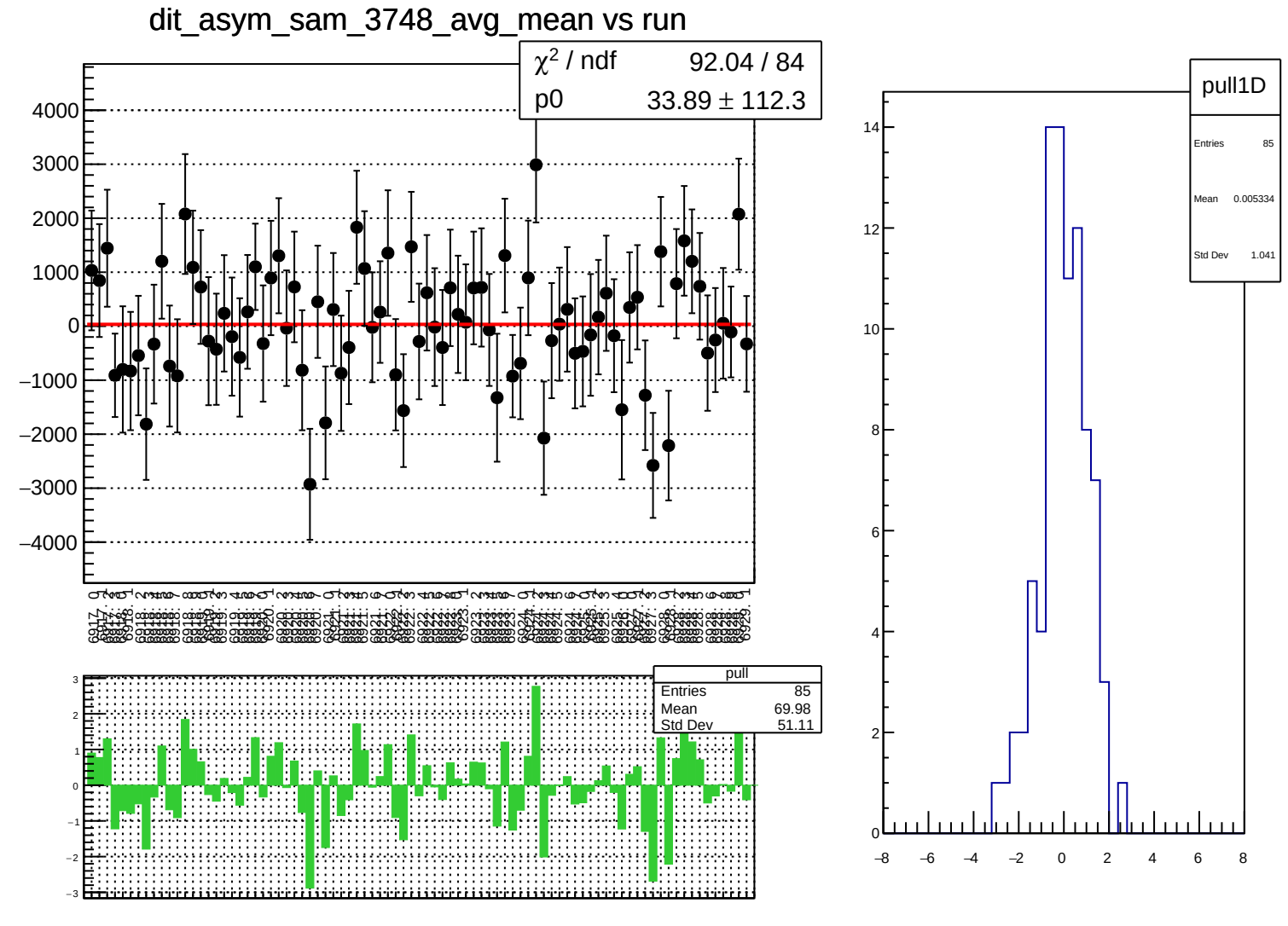

pull1D
Entries 85
Mean 0.009997
Std Dev 1.077
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

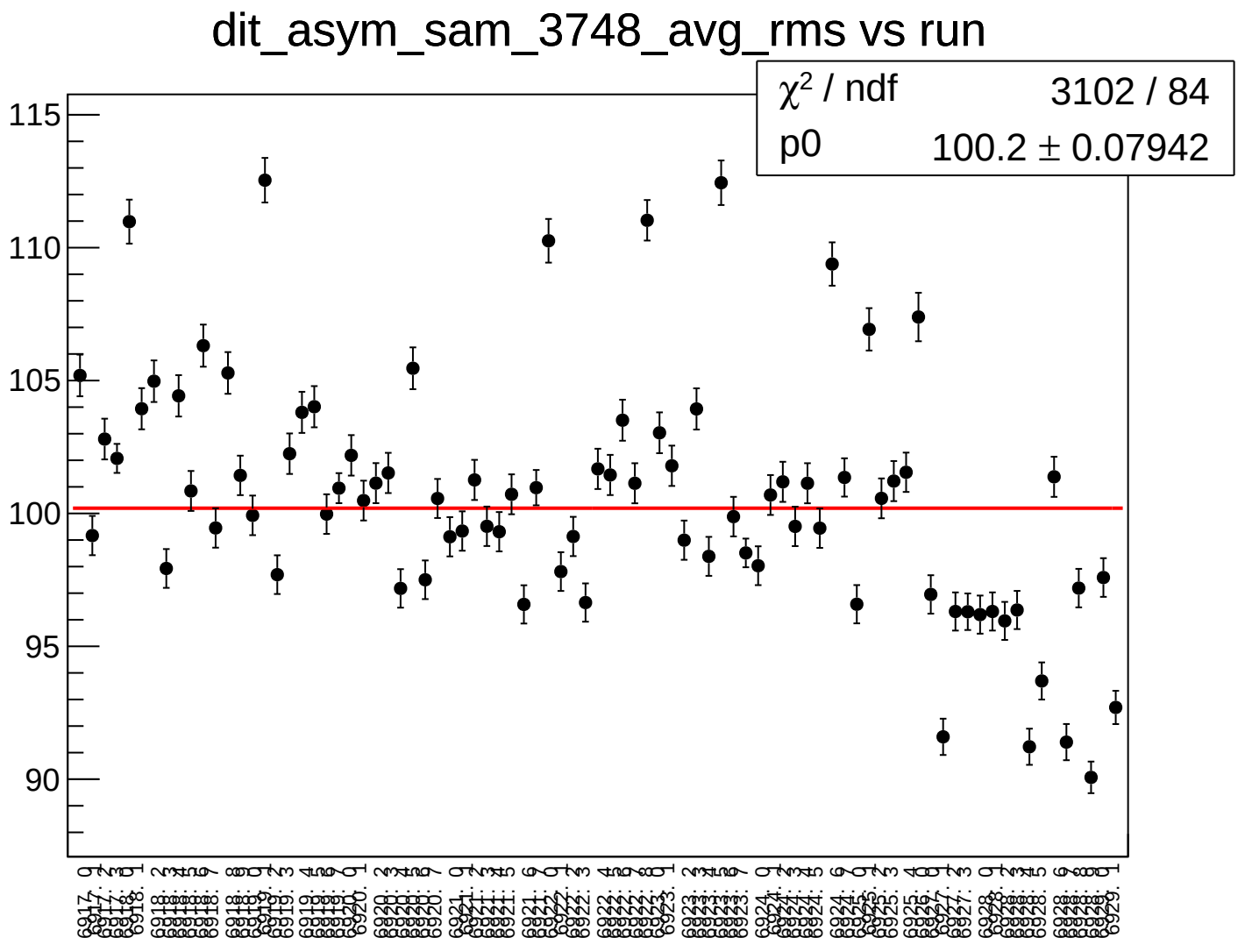

asym_sam_1548_avg_correction_rms vs run
χ² / ndf 2730 / 84
p0 813 ± 0.6444
880
860
840
820
800
780
760
740
720

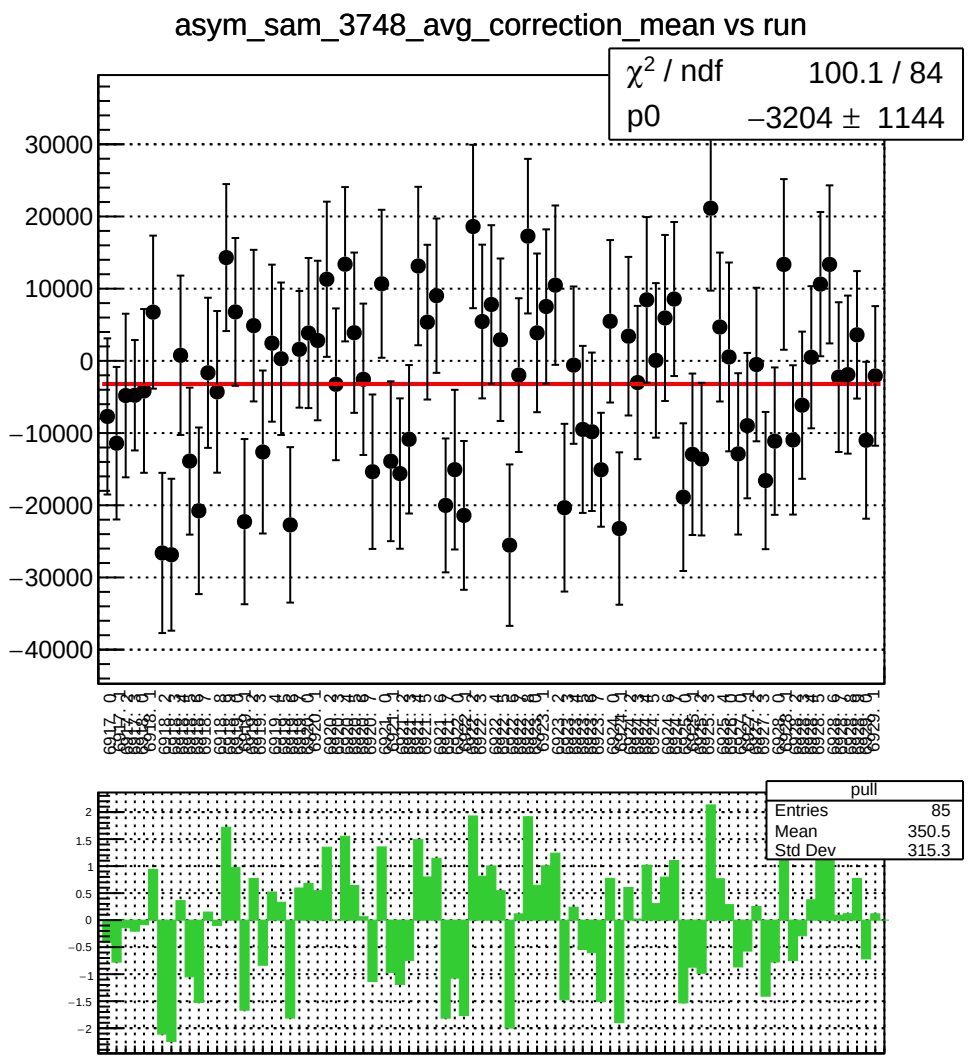

asym_sam_1548_avg_mean vs run
χ² / ndf 94.48 / 84
p0 2502 ± 911.2
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 305.6
Std Dev 273.2
2
1
0
−1
−2

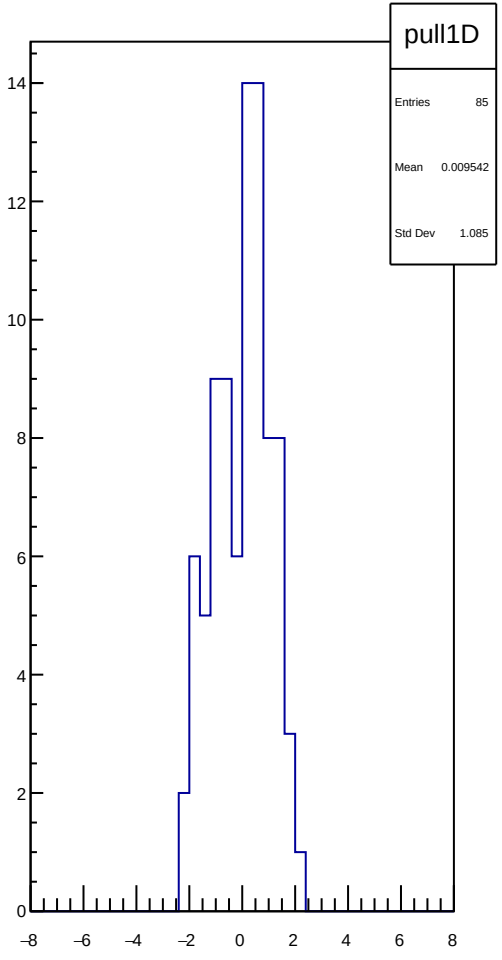

pull1D
Entries 85
Mean −0.008454
Std Dev 1.054
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

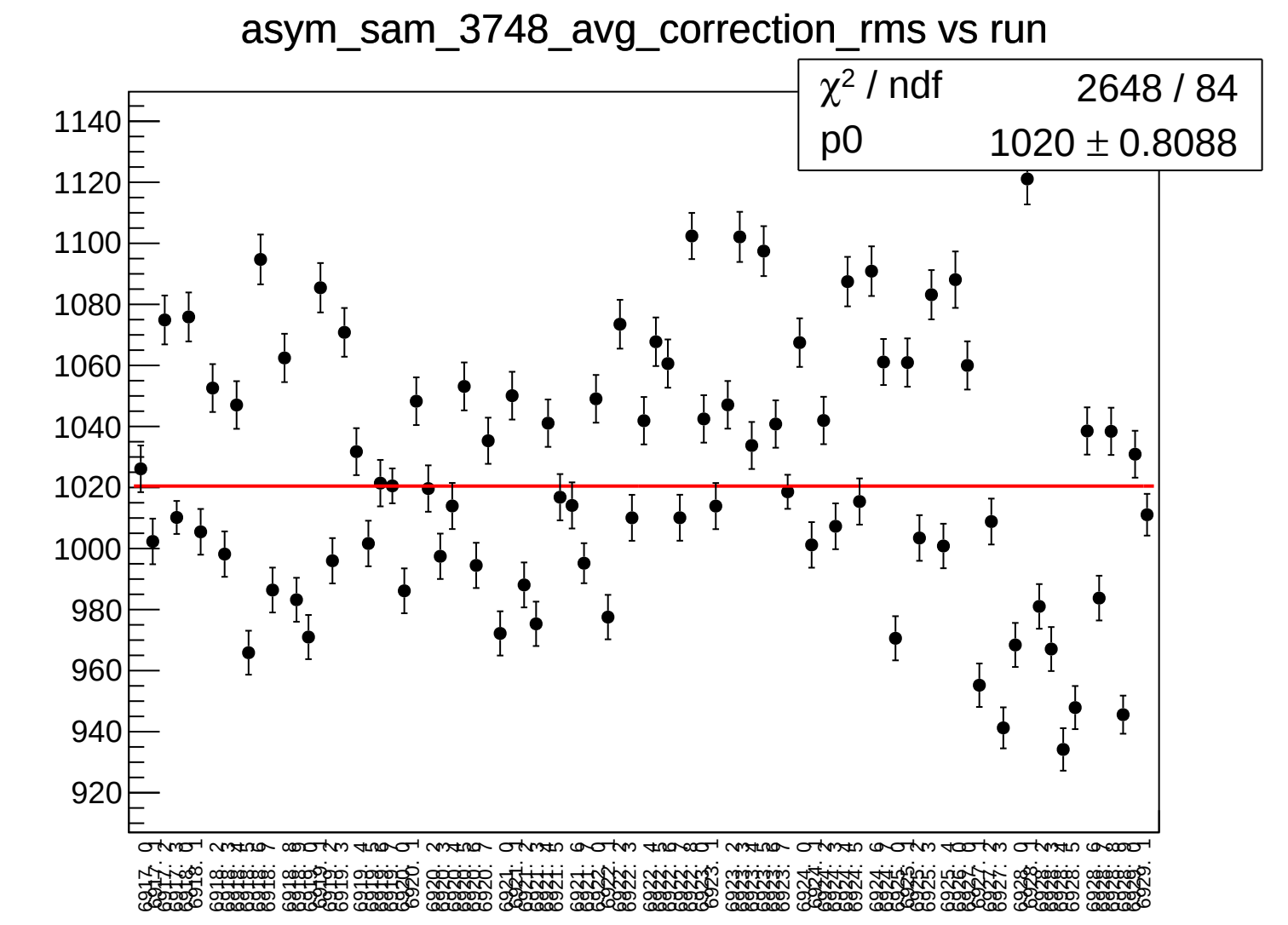

asym_sam_1548_avg_rms vs run
χ^2 / ndf 3148 / 84
p0 812.8 ± 0.6443
900
880
860
840
820
800
780
760
740
720

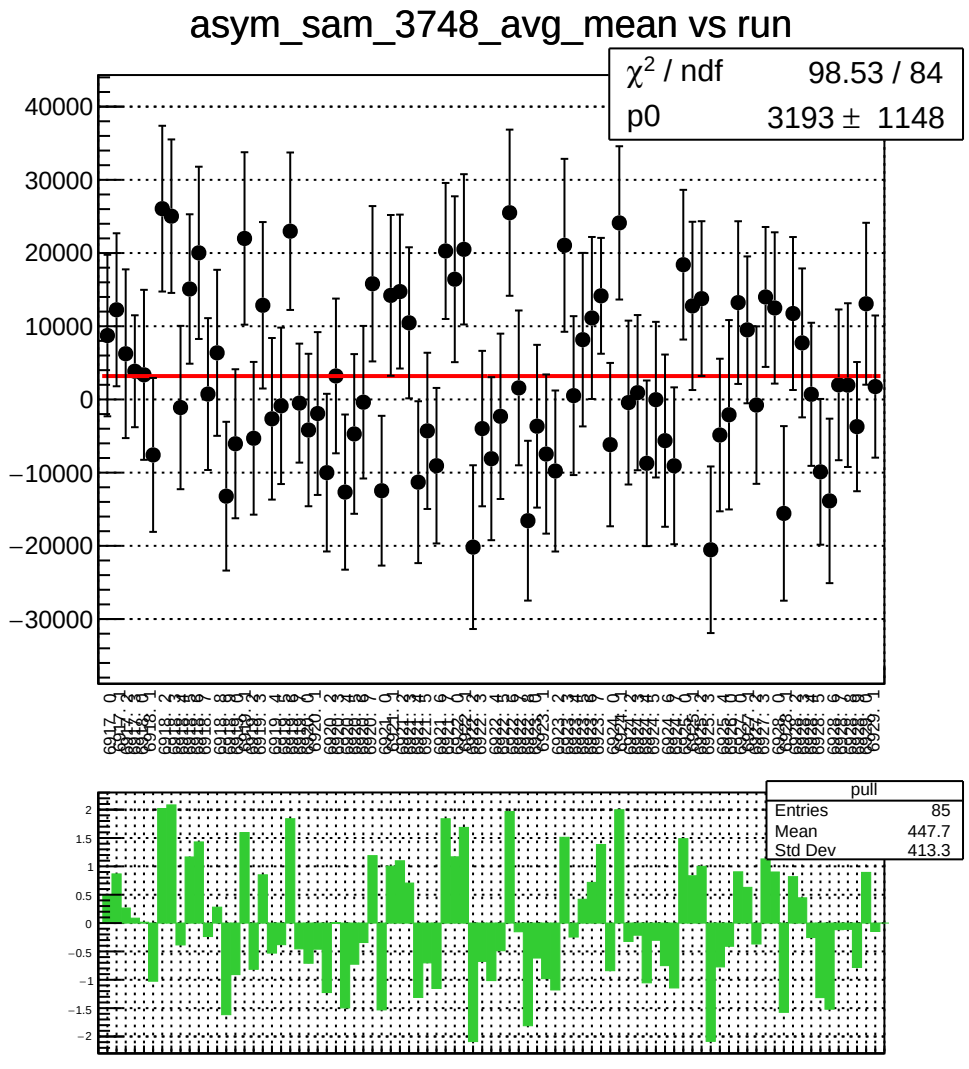

dit_asym_sam_3748_avg_mean vs run
χ² / ndf 92.04 / 84
p0 33.89 ± 112.3
pull
Entries 85
Mean 69.98
Std Dev 51.11
pull1D
Entries 85
Mean 0.005334
Std Dev 1.041

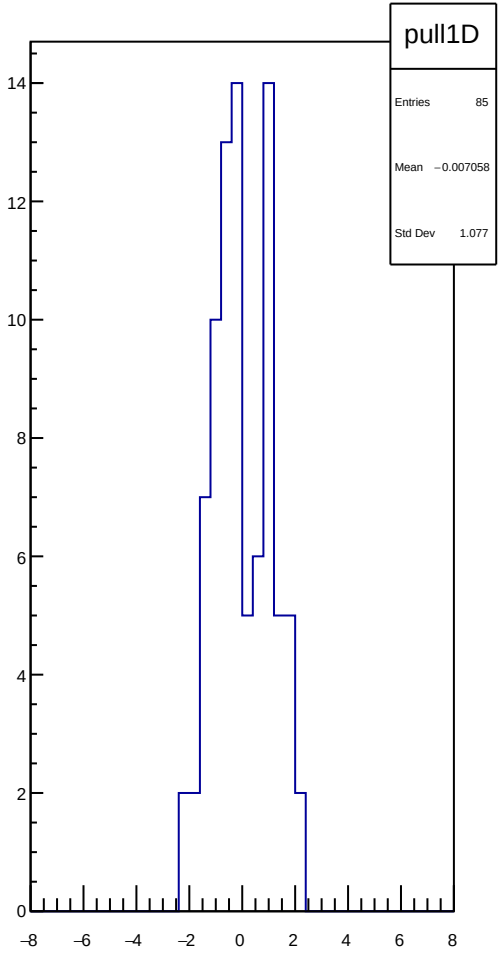

dit_asym_sam_3748_avg_rms vs run
χ² / ndf 3102 / 84
p0 100.2 ± 0.07942
115
110
105
100
95
90

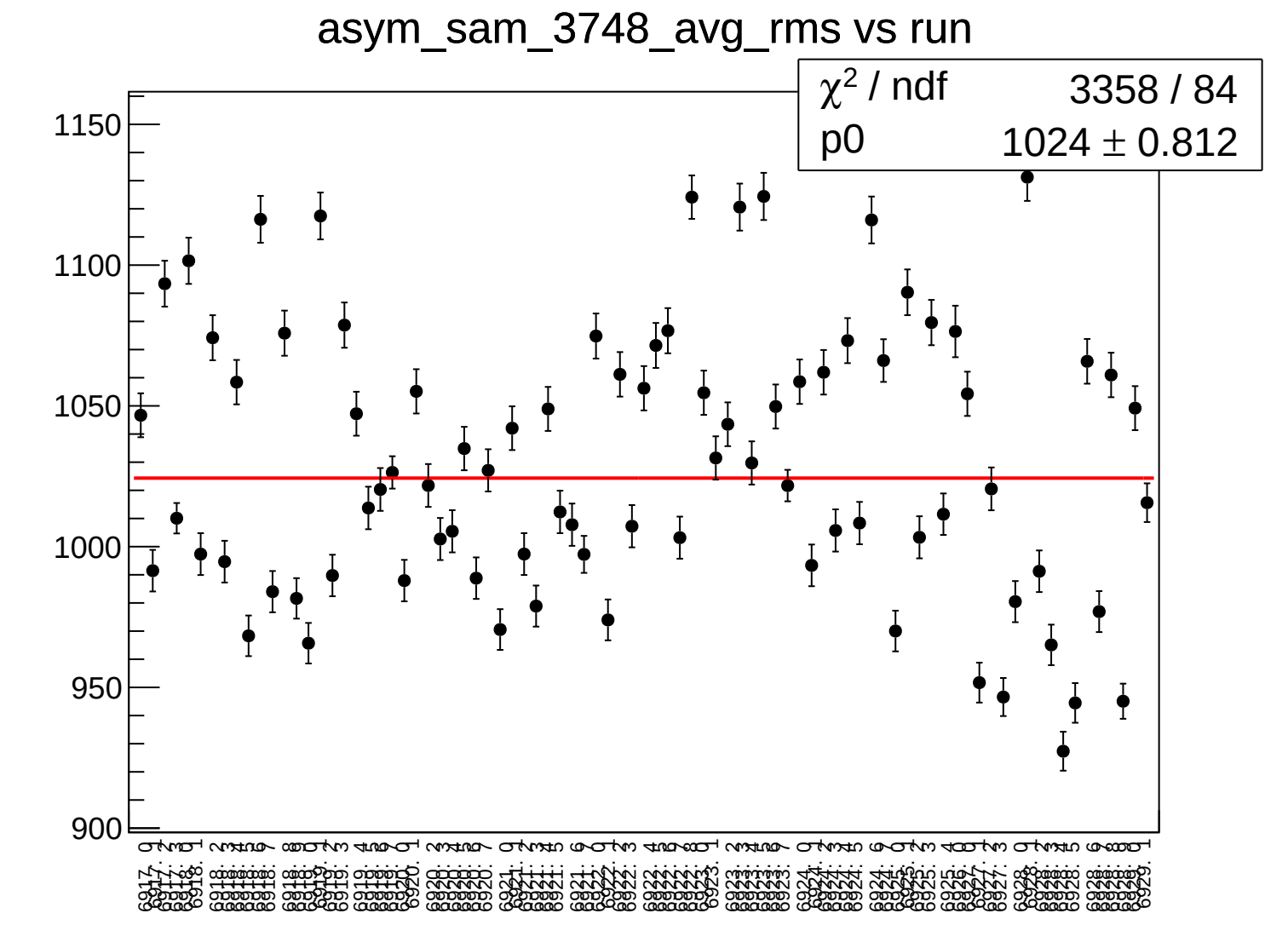

asym_sam_3748_avg_correction_mean vs run
χ² / ndf 100.1 / 84
p0 −3204 ± 1144
pull
Entries 85
Mean 350.5
Std Dev 315.3

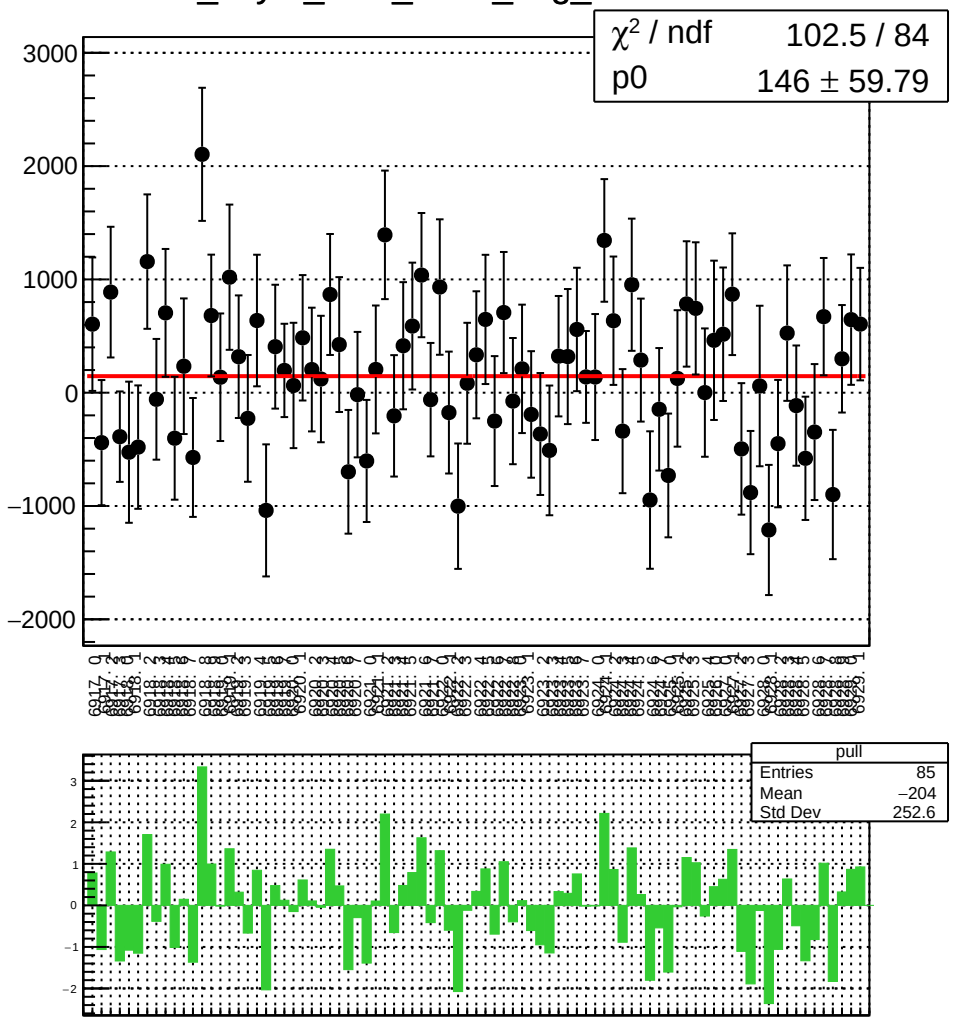

pull1D
Entries 85
Mean 0.009542
Std Dev 1.085

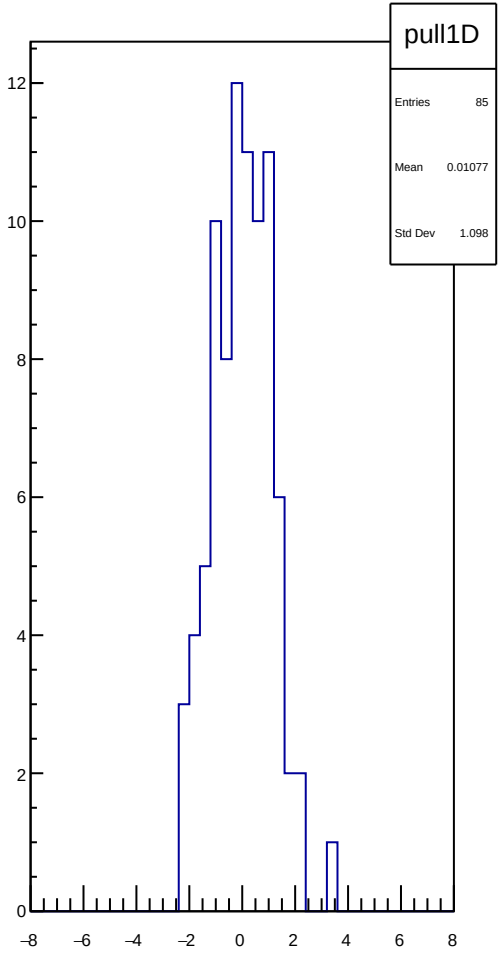

asym_sam_3748_avg_correction_rms vs run
χ² / ndf 2648 / 84
p0 1020 ± 0.8088
1140
1120
1100
1080
1060
1040
1020
1000
980
960
940
920

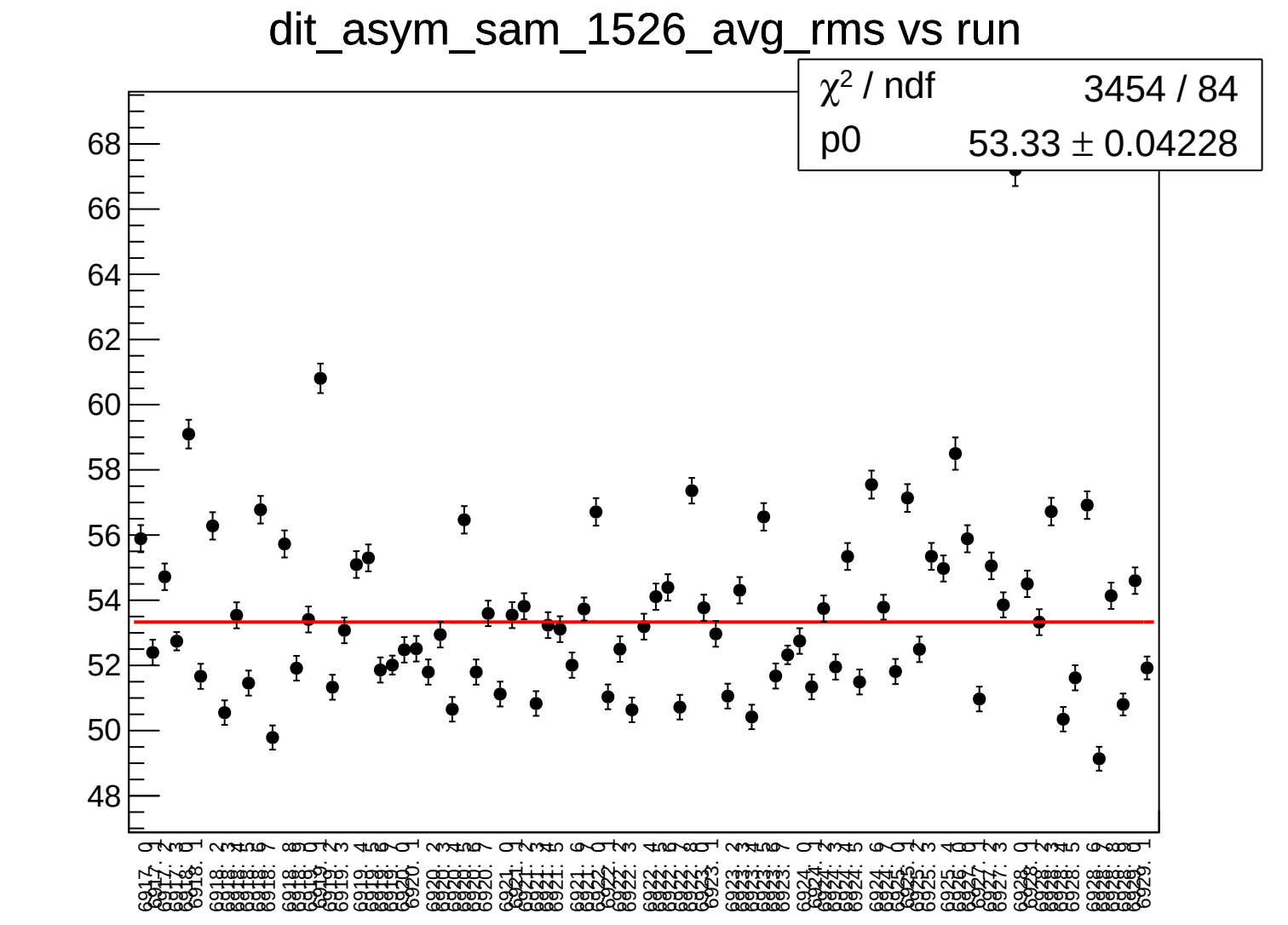

asym_sam_3748_avg_mean vs run
χ² / ndf 98.53 / 84
p0 3193 ± 1148
pull
Entries 85
Mean 447.7
Std Dev 413.3

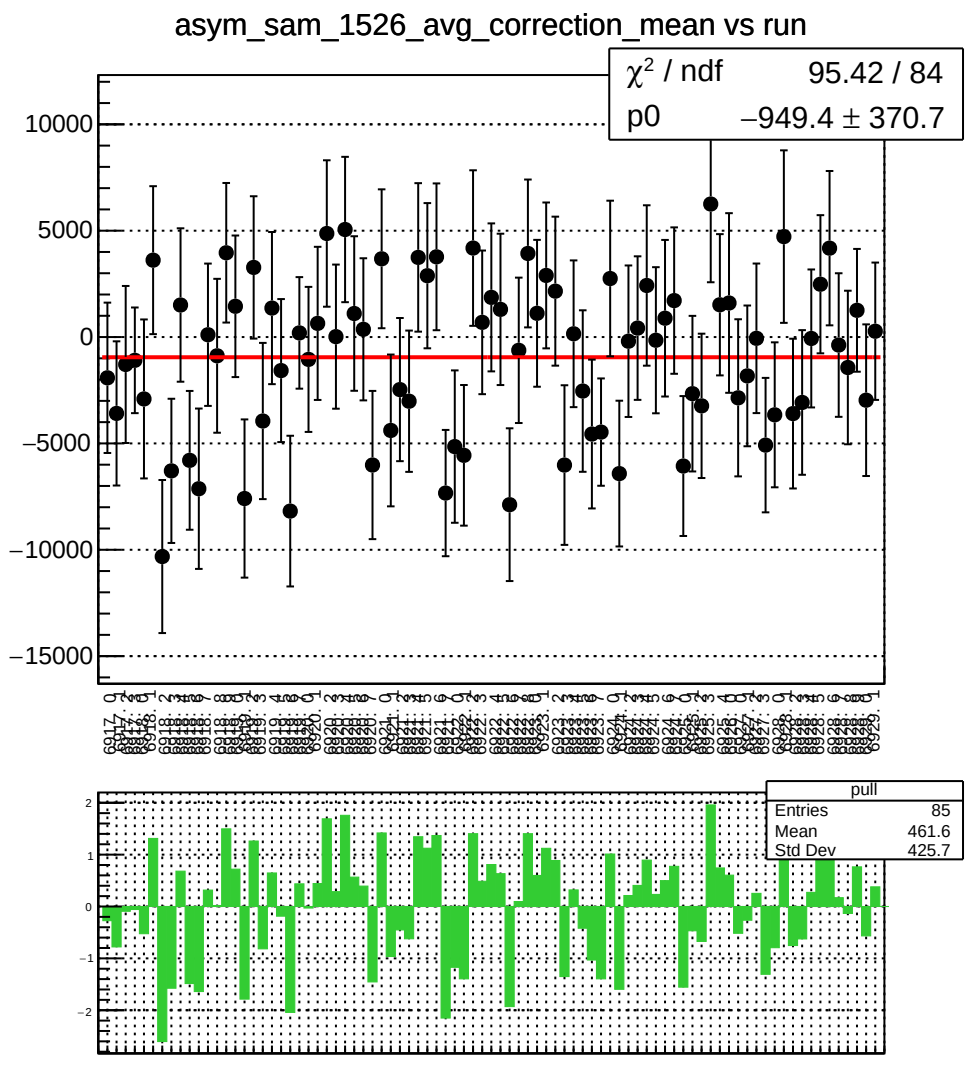

pull1D
Entries 85
Mean −0.007058
Std Dev 1.077

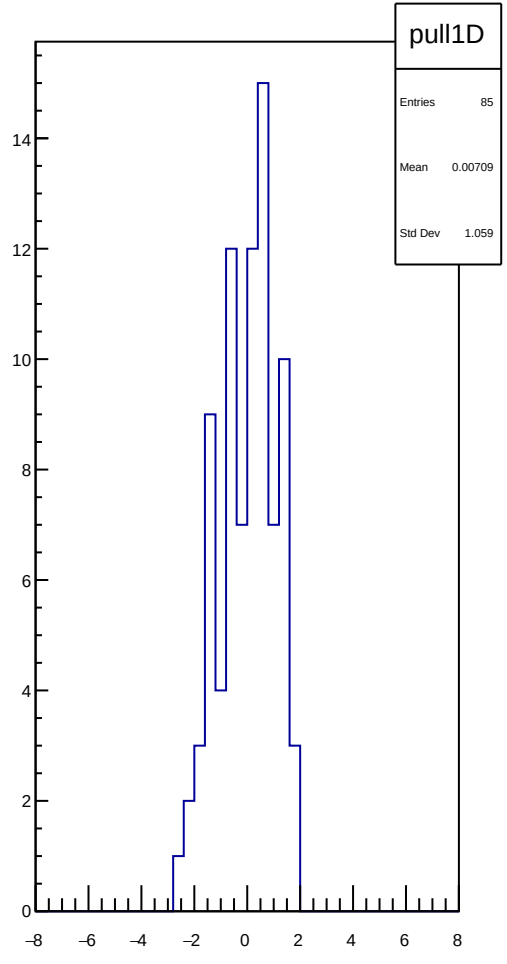

asym_sam_3748_avg_rms vs run
χ^2 / ndf 3358 / 84
p0 1024 ± 0.812
1150
1100
1050
1000
950
900

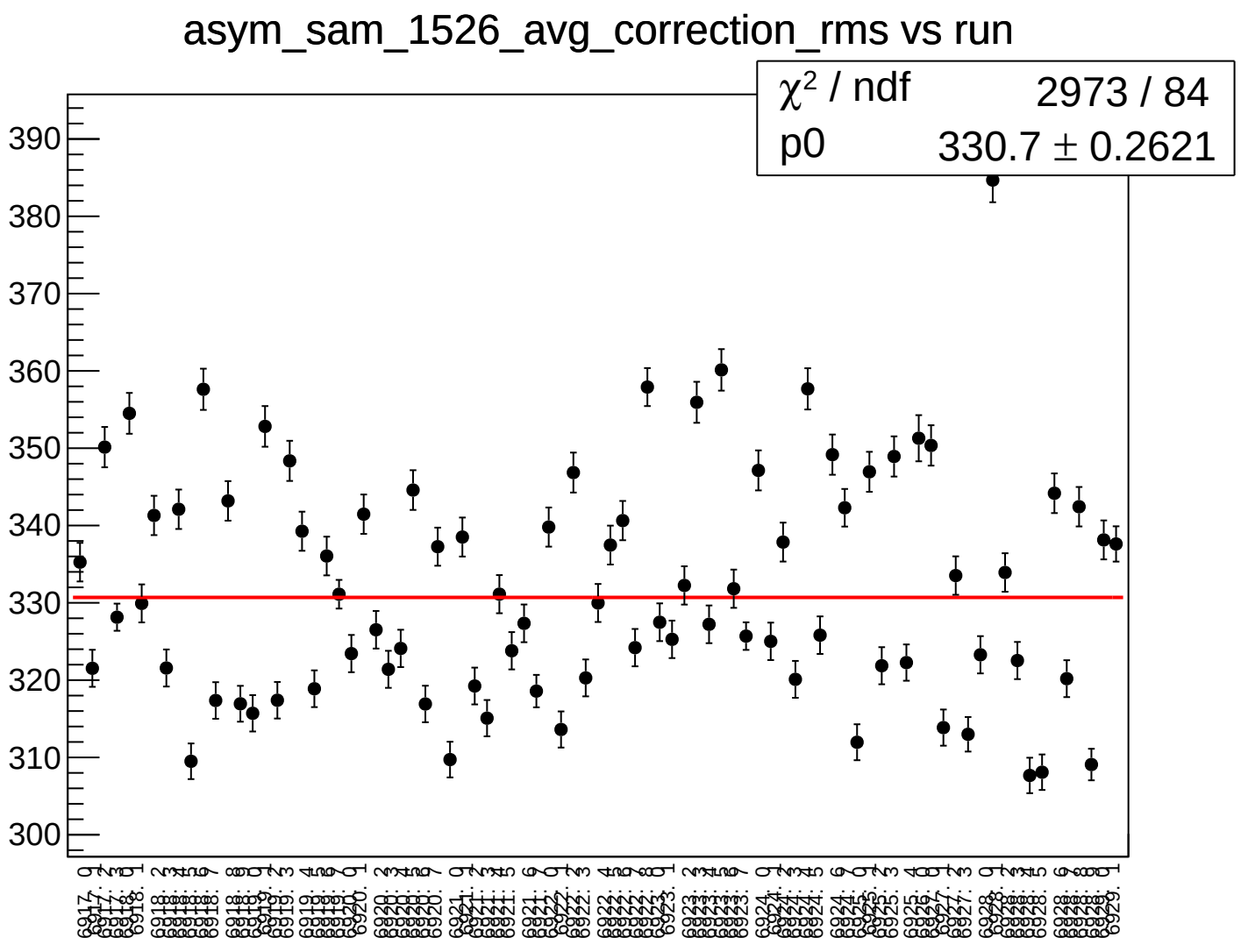

dit_asym_sam_1526_avg_mean vs run
χ² / ndf 102.5 / 84
p0 146 ± 59.79
pull
Entries 85
Mean −204
Std Dev 252.6

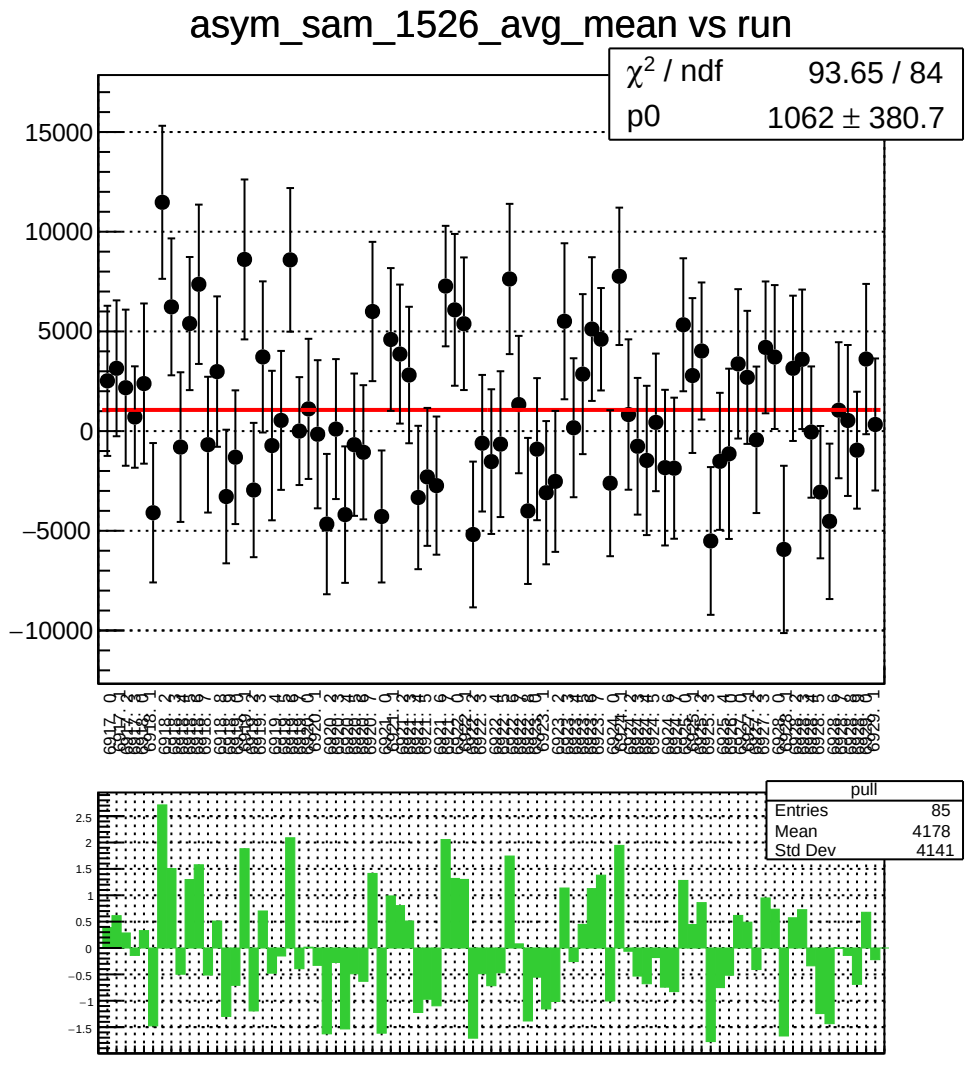

pull1D
Entries 85
Mean 0.01077
Std Dev 1.098

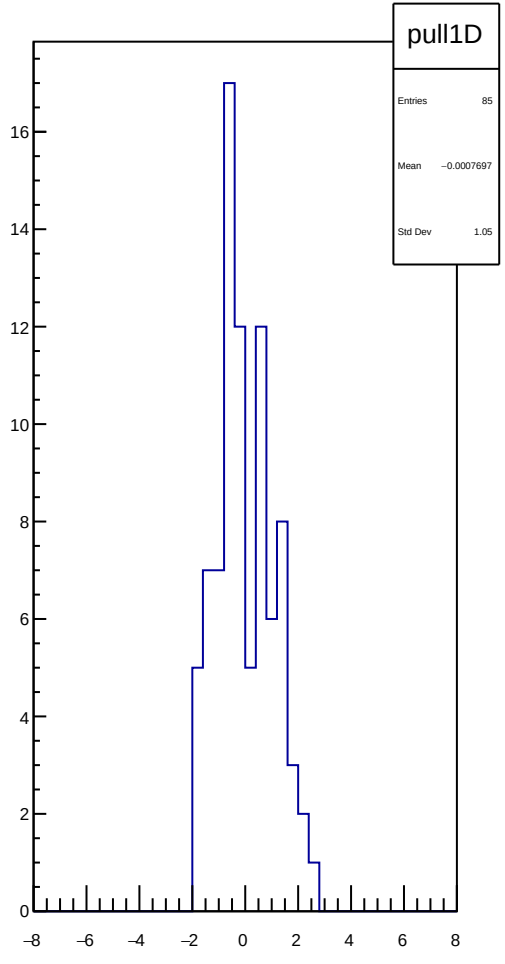

dit_asym_sam_1526_avg_rms vs run
χ² / ndf 3454 / 84
p0 53.33 ± 0.04228
68
66
64
62
60
58
56
54
52
50
48

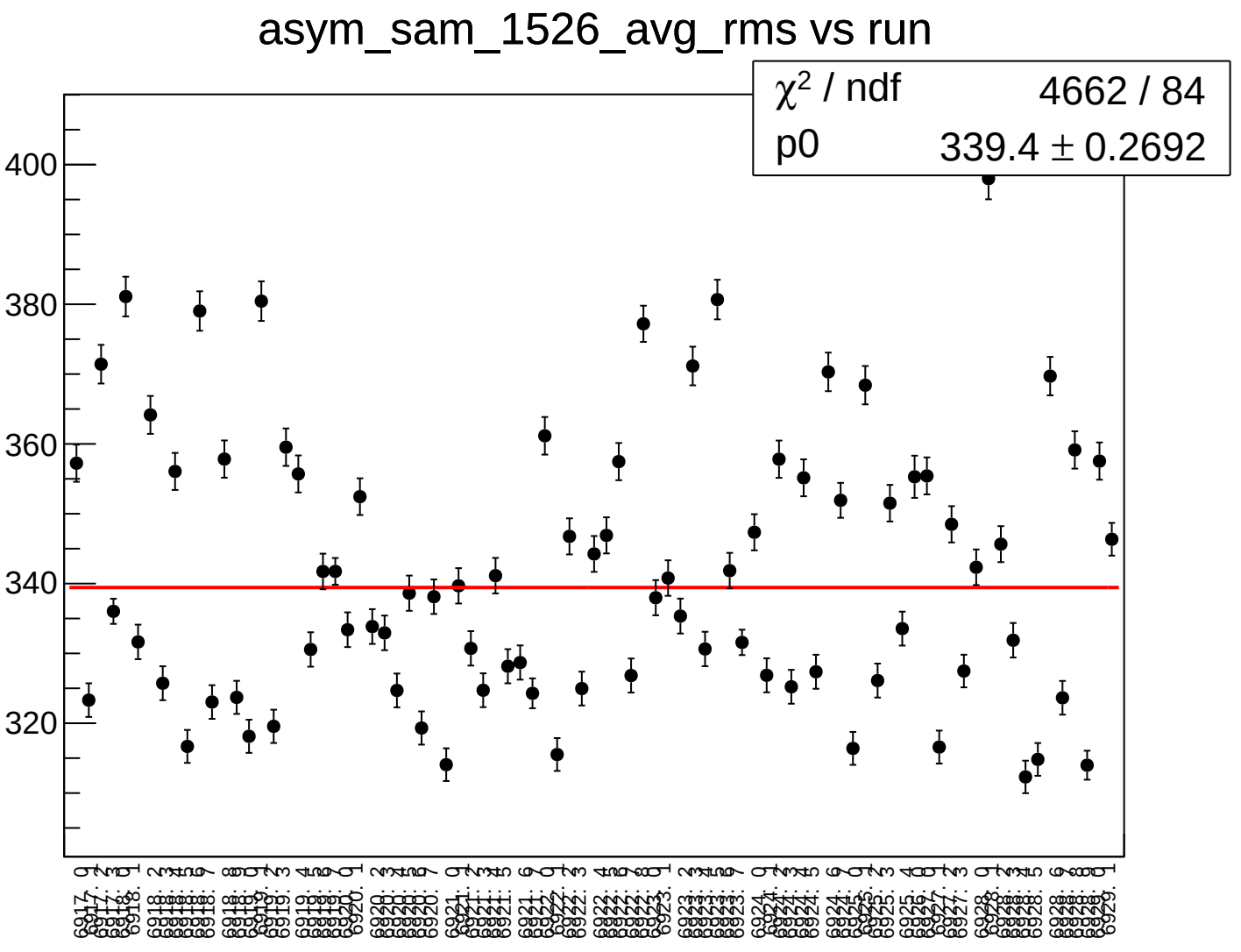

asym_sam_1526_avg_correction_mean vs run
χ² / ndf 95.42 / 84
p0 −949.4 ± 370.7
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 461.6
Std Dev 425.7
2
1
0
−1
−2

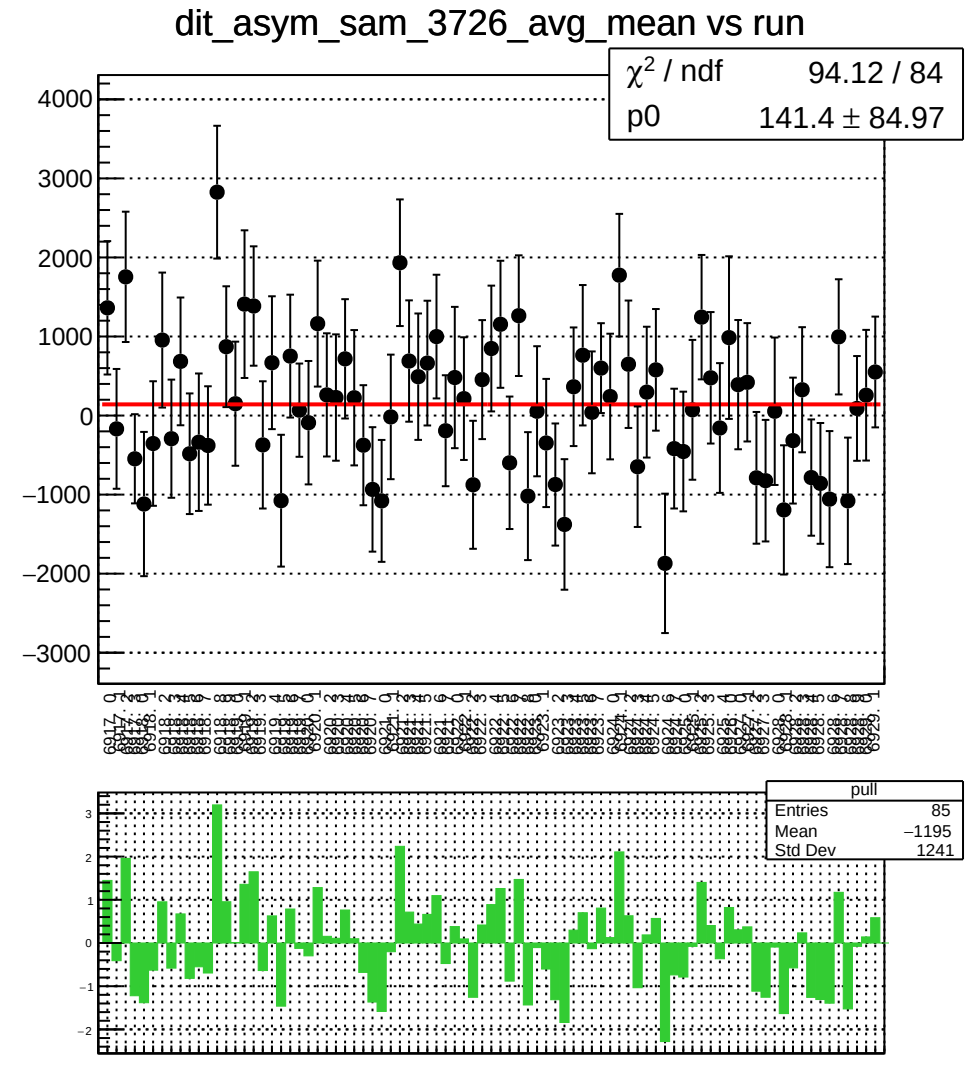

pull1D
Entries 85
Mean 0.00709
Std Dev 1.059
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

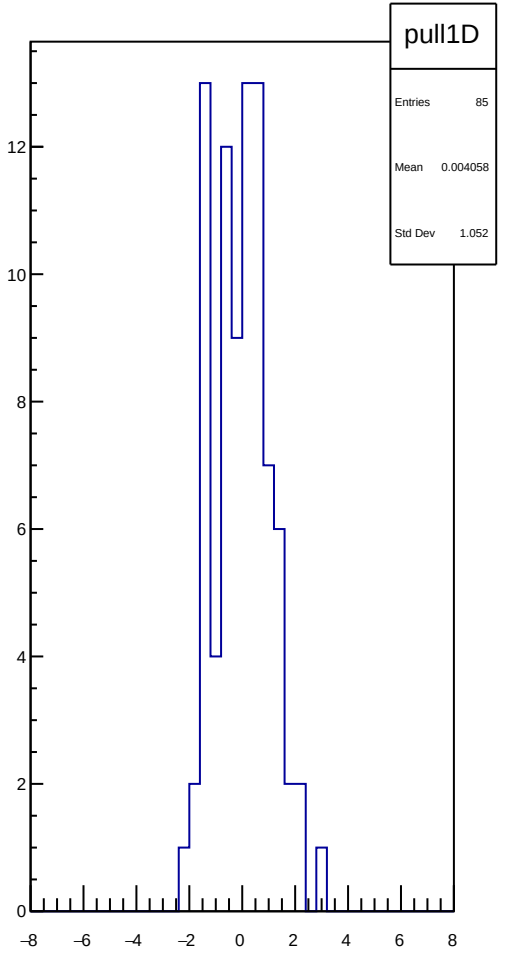

asym_sam_1526_avg_correction_rms vs run
χ² / ndf 2973 / 84
p0 330.7 ± 0.2621
390
380
370
360
350
340
330
320
310
300

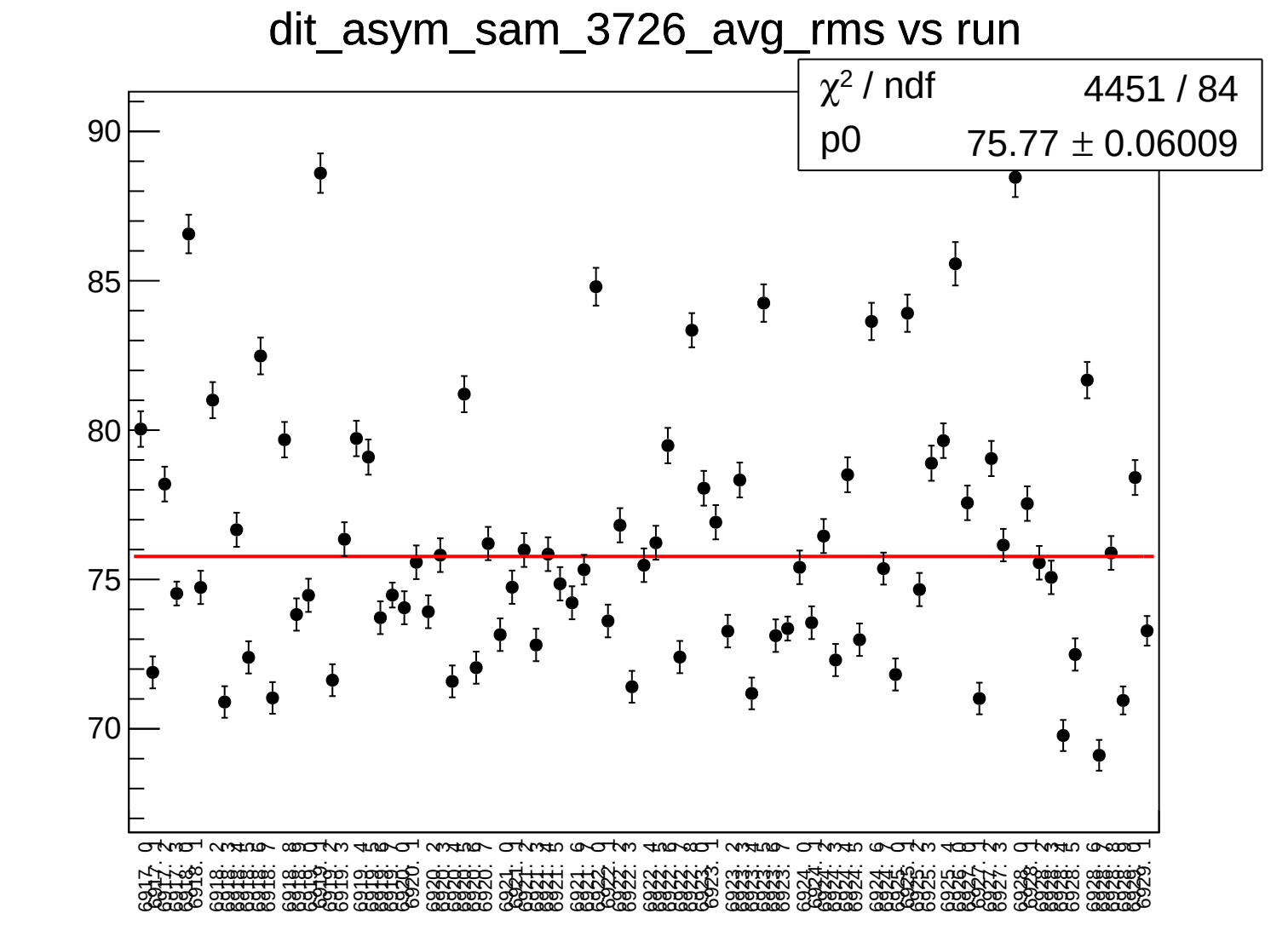

asym_sam_1526_avg_mean vs run
χ² / ndf 93.65 / 84
p0 1062 ± 380.7
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 4178
Std Dev 4141
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5

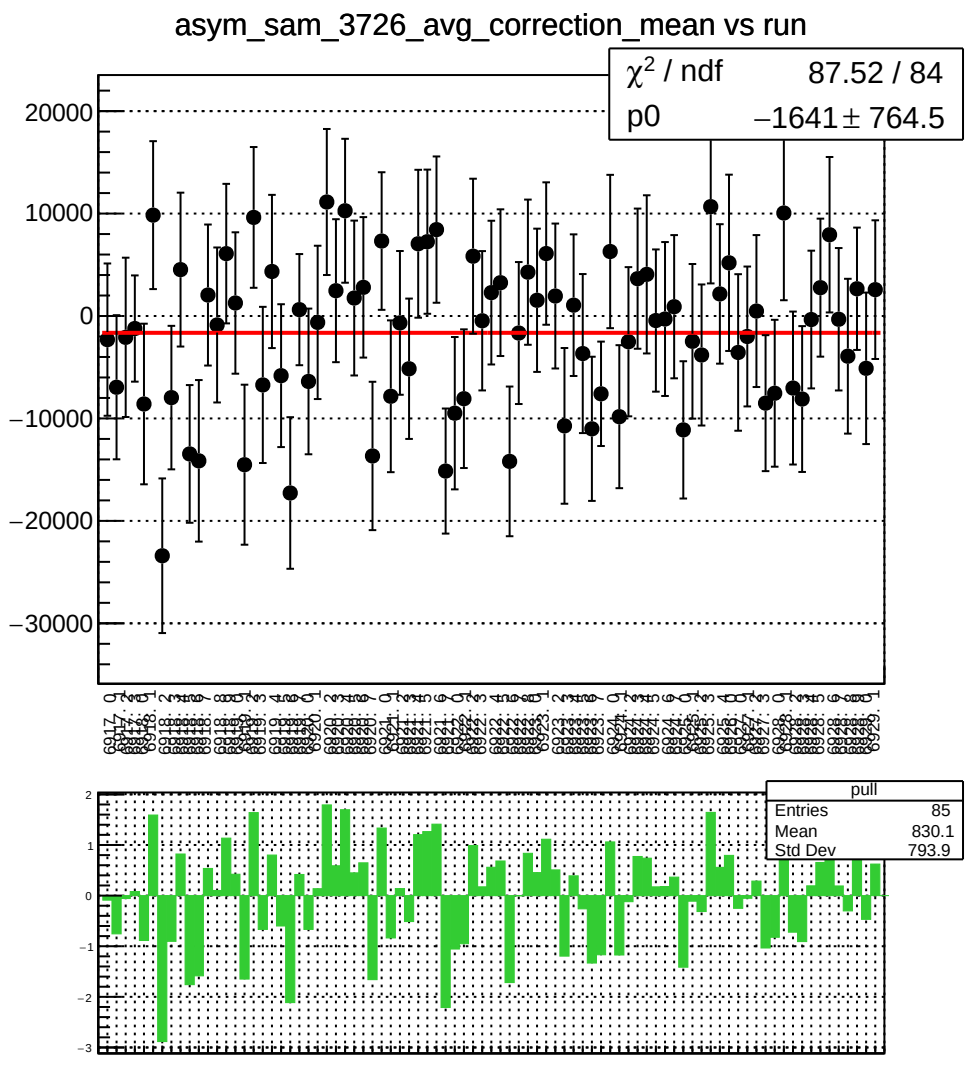

pull1D
Entries 85
Mean −0.0007697
Std Dev 1.05
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

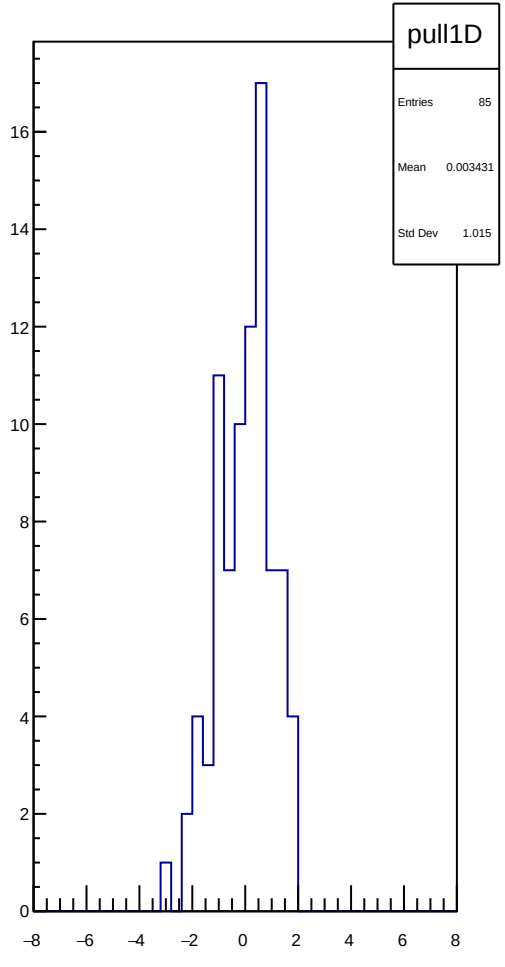

asym_sam_1526_avg_rms vs run
χ² / ndf 4662 / 84
p0 339.4 ± 0.2692
400
380
360
340
320

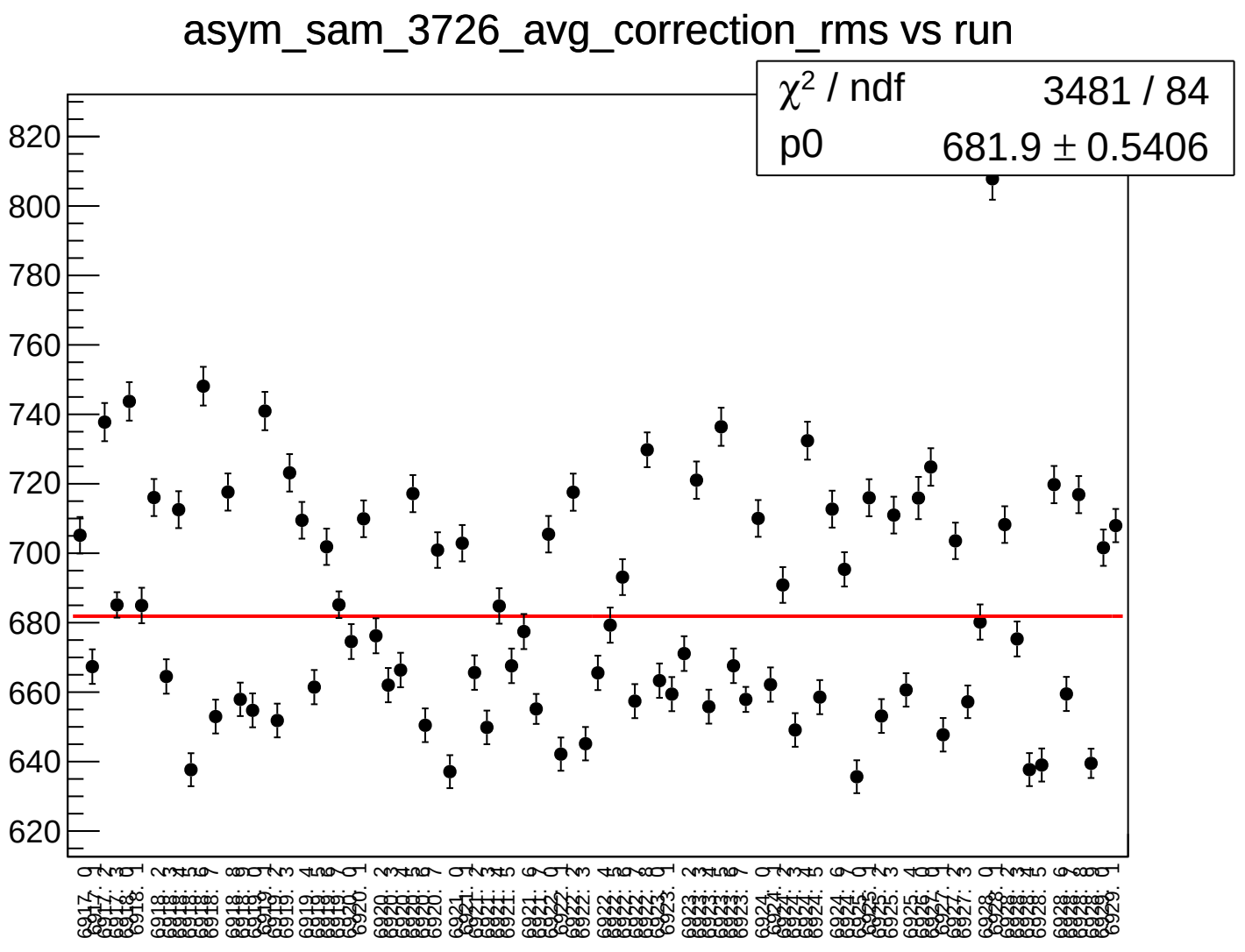

dit_asym_sam_3726_avg_mean vs run
χ² / ndf 94.12 / 84
p0 141.4 ± 84.97
4000
3000
2000
1000
0
−1000
−2000
−3000
pull
Entries 85
Mean −1195
Std Dev 1241
3
2
1
0
−1
−2

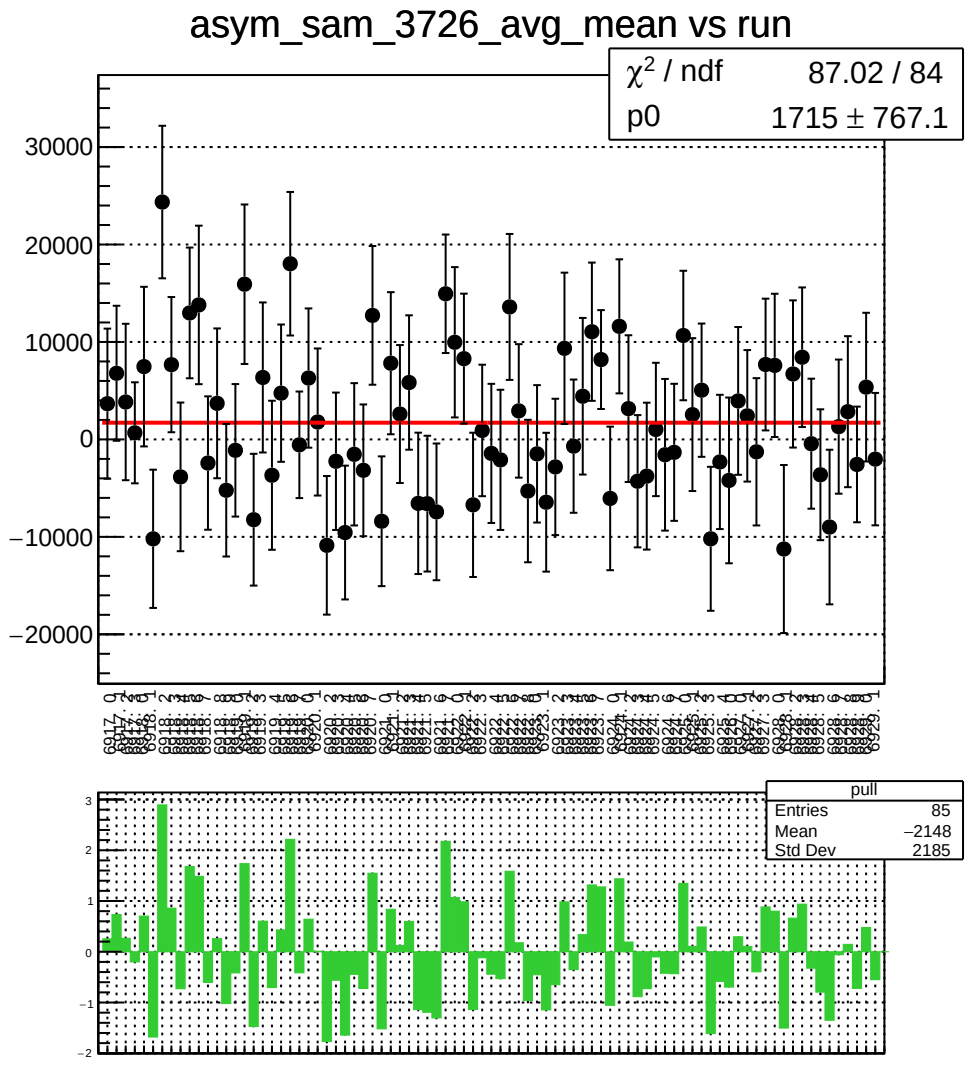

pull1D
Entries 85
Mean 0.004058
Std Dev 1.052
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

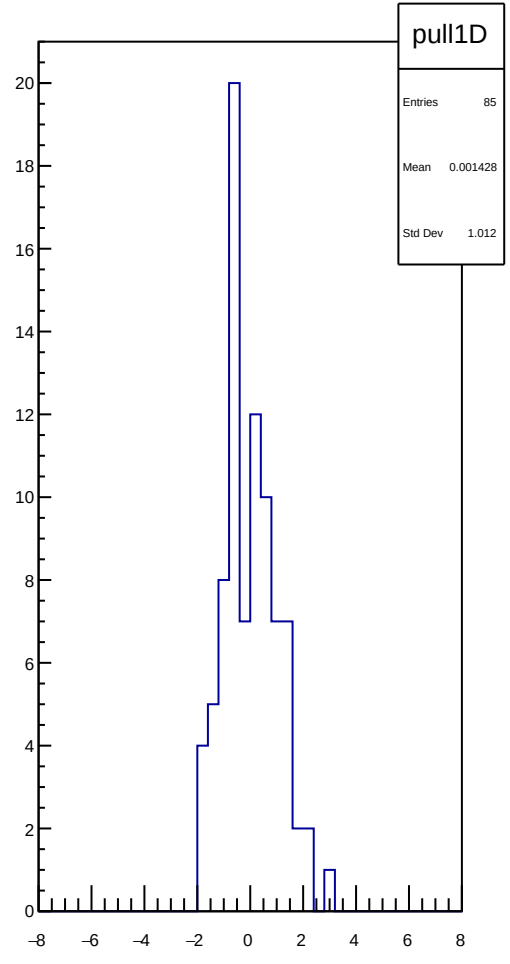

dit_asym_sam_3726_avg_rms vs run
χ^2 / ndf 4451 / 84
p0 75.77 ± 0.06009
90
85
80
75
70

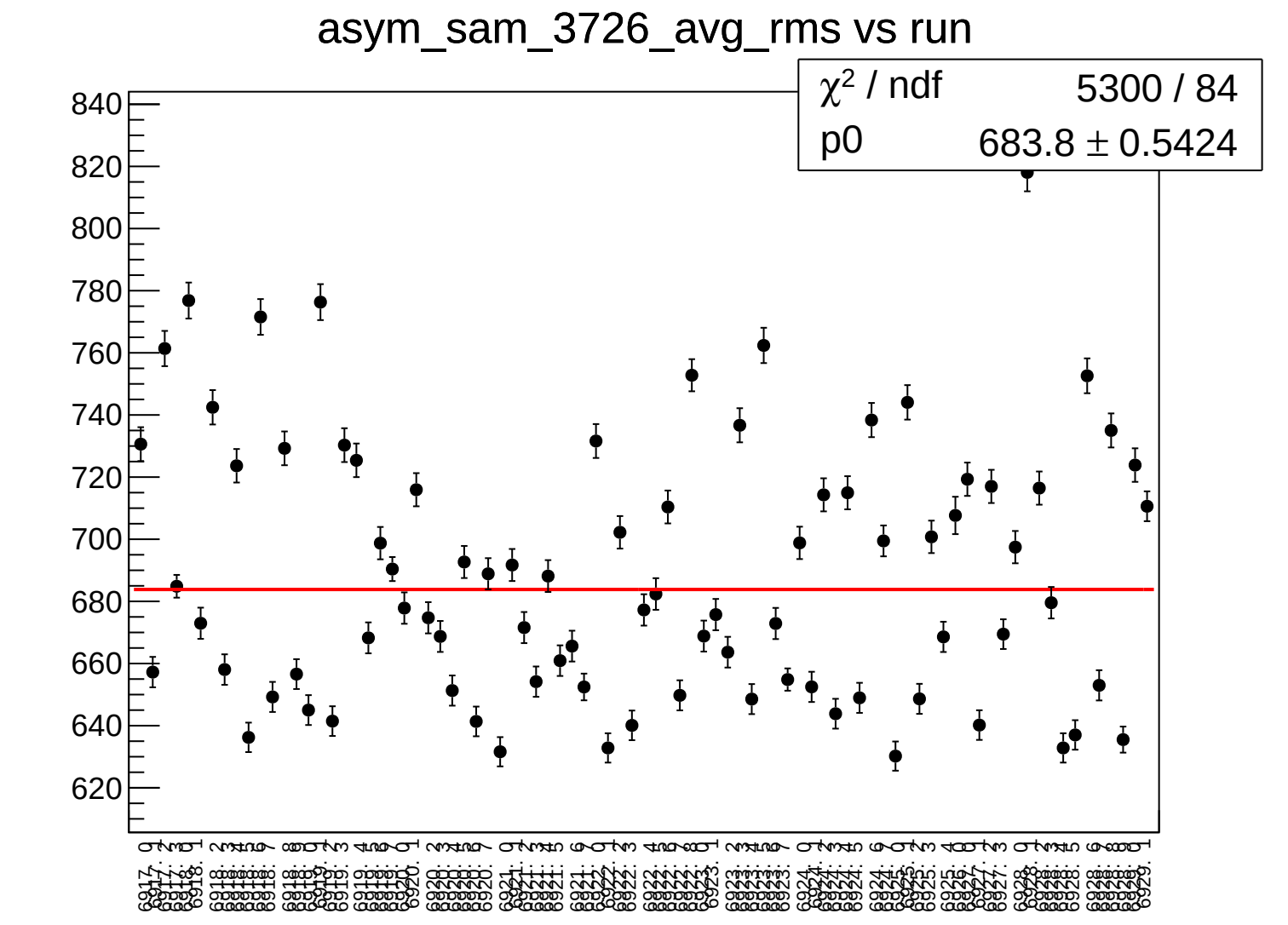

asym_sam_3726_avg_correction_mean vs run
χ² / ndf 87.52 / 84
p0 −1641 ± 764.5
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 830.1
Std Dev 793.9
2
1
0
−1
−2
−3

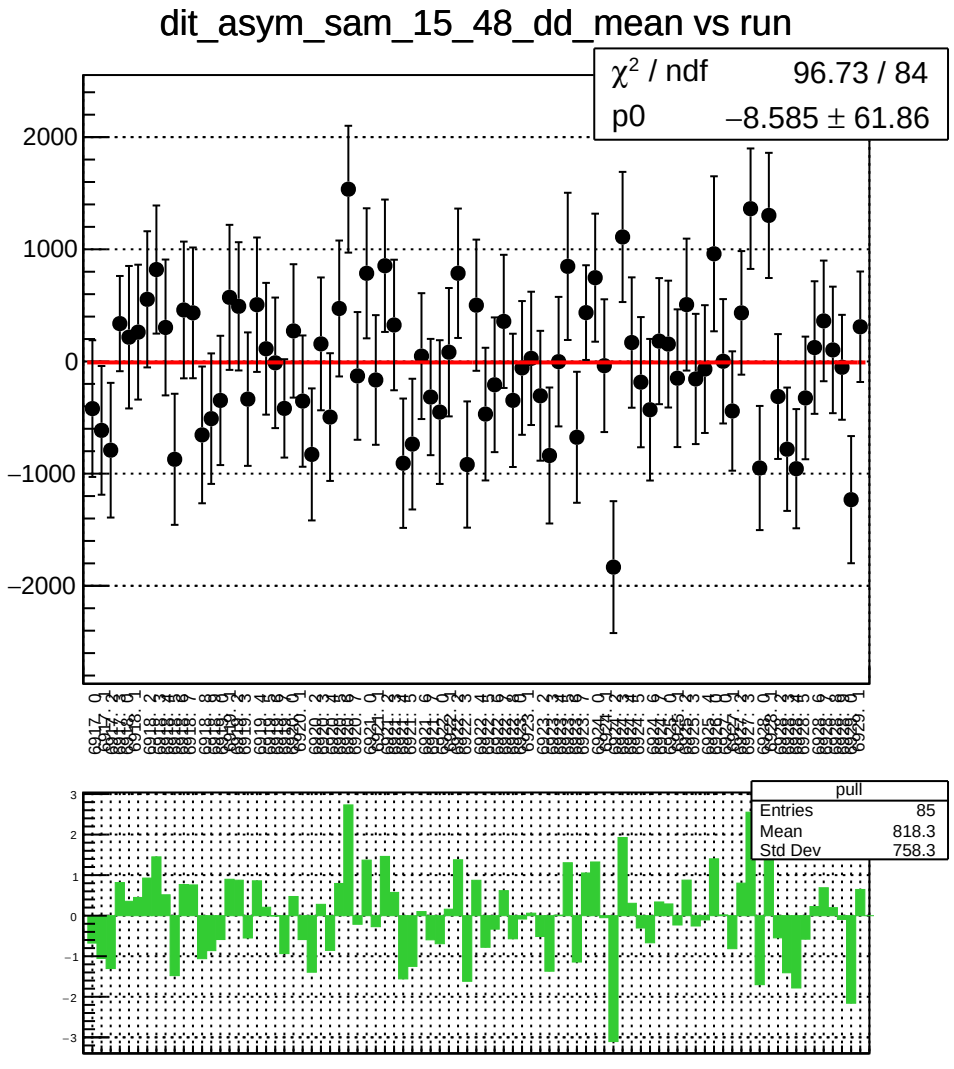

pull1D
Entries 85
Mean 0.003431
Std Dev 1.015
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

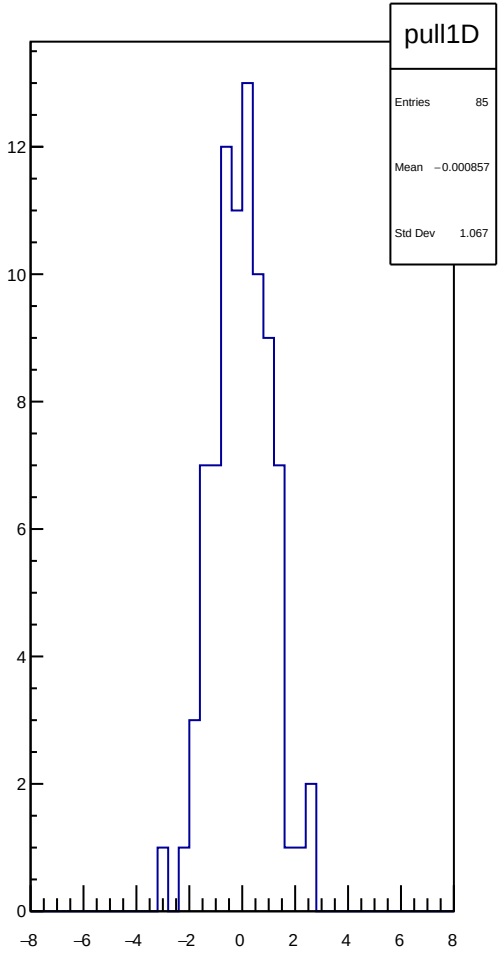

asym_sam_3726_avg_correction_rms vs run
χ² / ndf 3481 / 84
p0 681.9 ± 0.5406
820
800
780
760
740
720
700
680
660
640
620

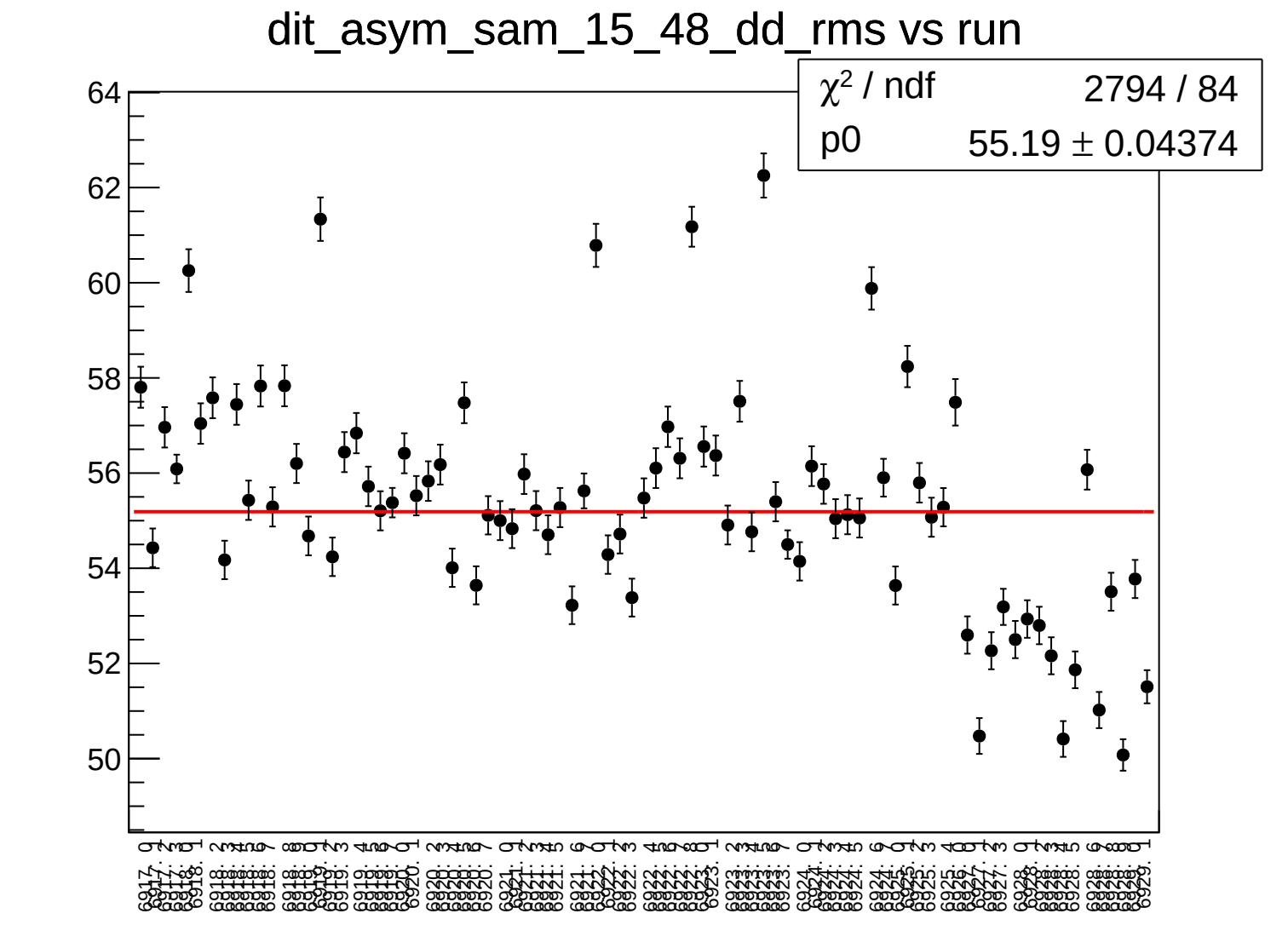

asym_sam_3726_avg_mean vs run
χ² / ndf 87.02 / 84
p0 1715 ± 767.1
30000
20000
10000
0
−10000
−20000
pull
Entries 85
Mean −2148
Std Dev 2185
3
2
1
0
−1
−2

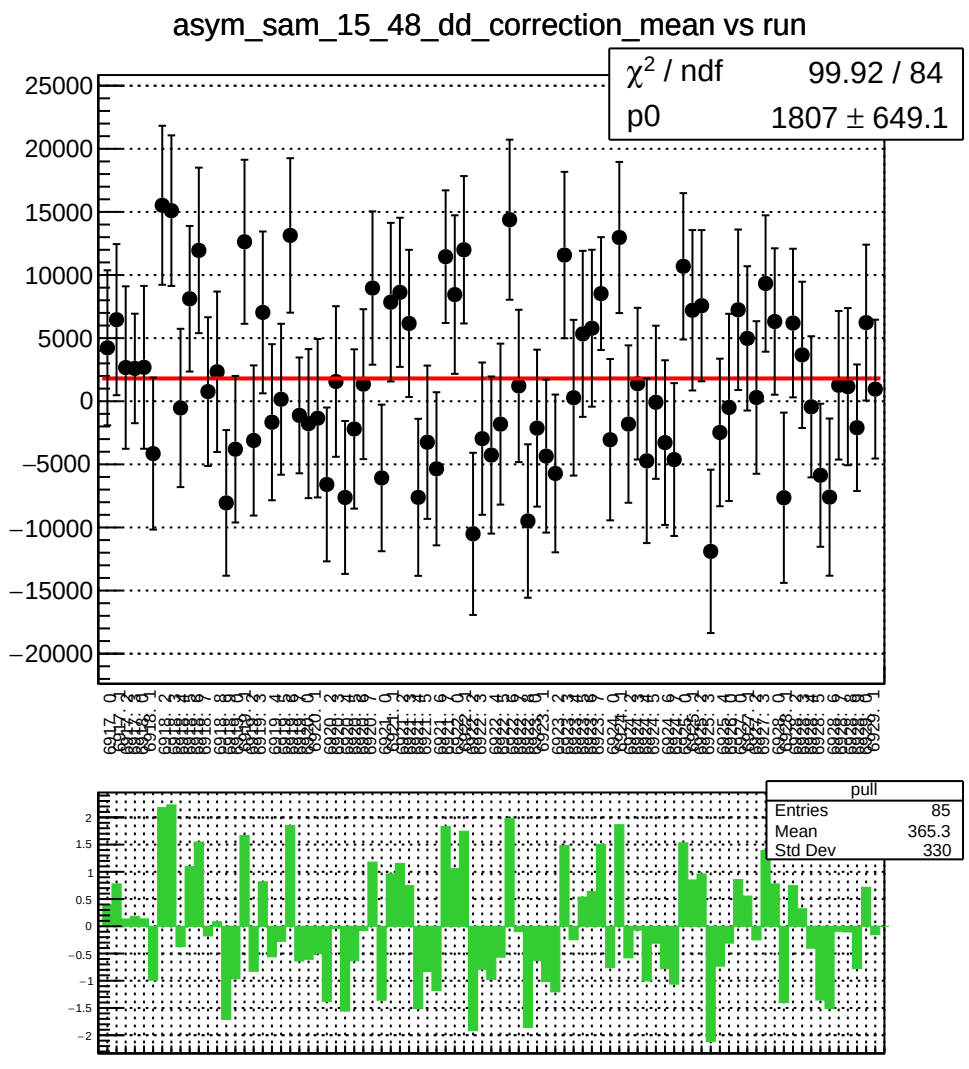

pull1D
Entries 85
Mean 0.001428
Std Dev 1.012
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

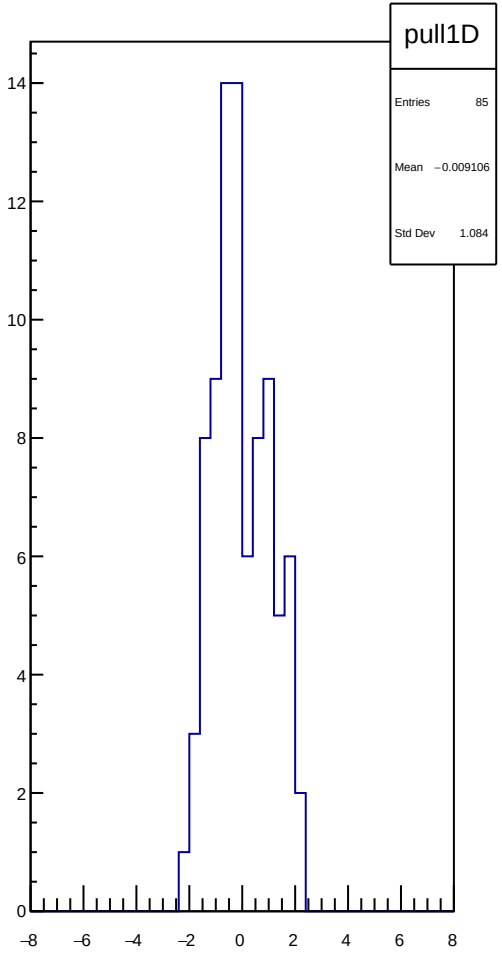

asym_sam_3726_avg_rms vs run
χ² / ndf 5300 / 84
p0 683.8 ± 0.5424
840
820
800
780
760
740
720
700
680
660
640
620

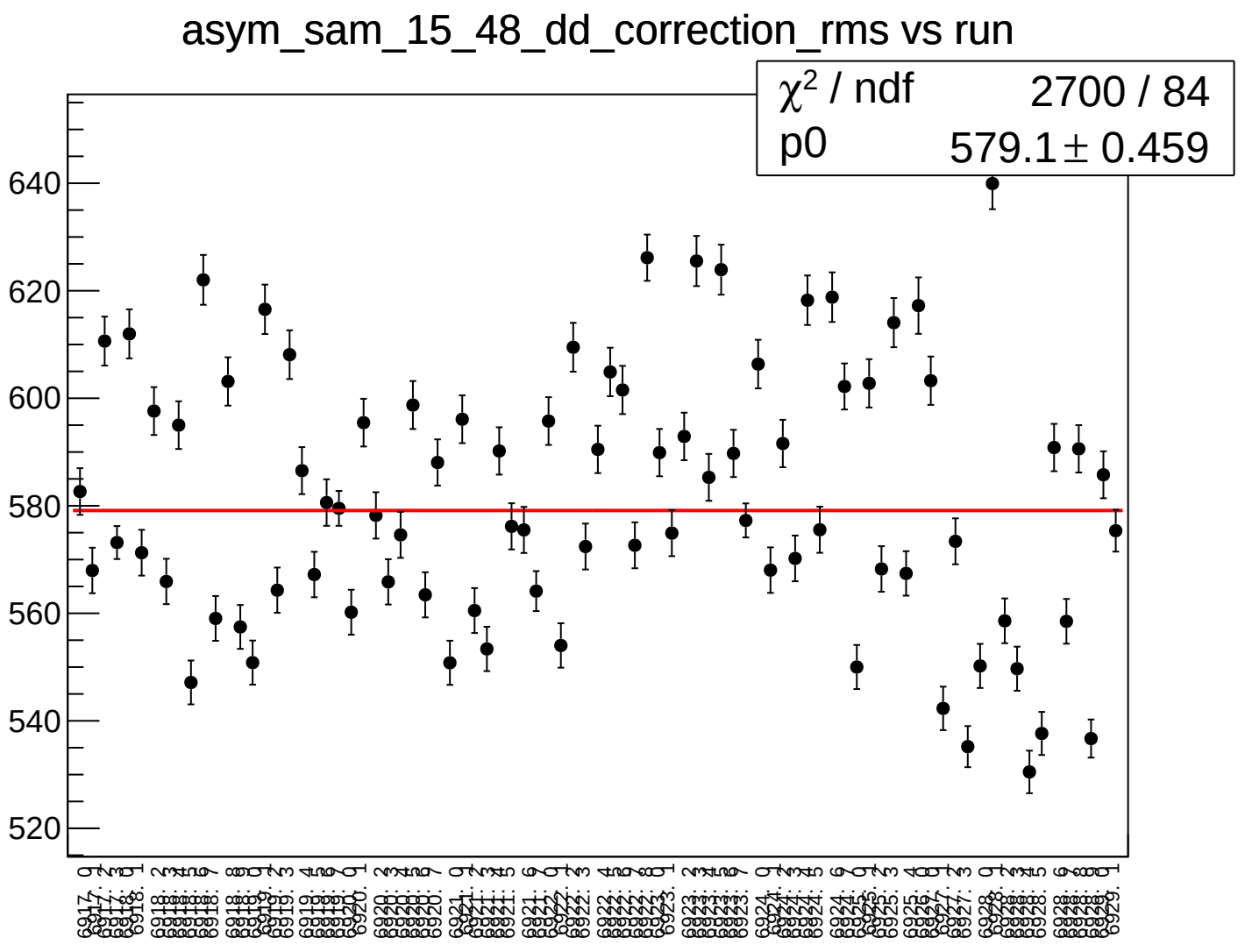

dit_asym_sam_15_48_dd_mean vs run
χ² / ndf 96.73 / 84
p0 −8.585 ± 61.86
2000
1000
0
−1000
−2000
pull
Entries 85
Mean 818.3
Std Dev 758.3
3
2
1
0
−1
−2
−3

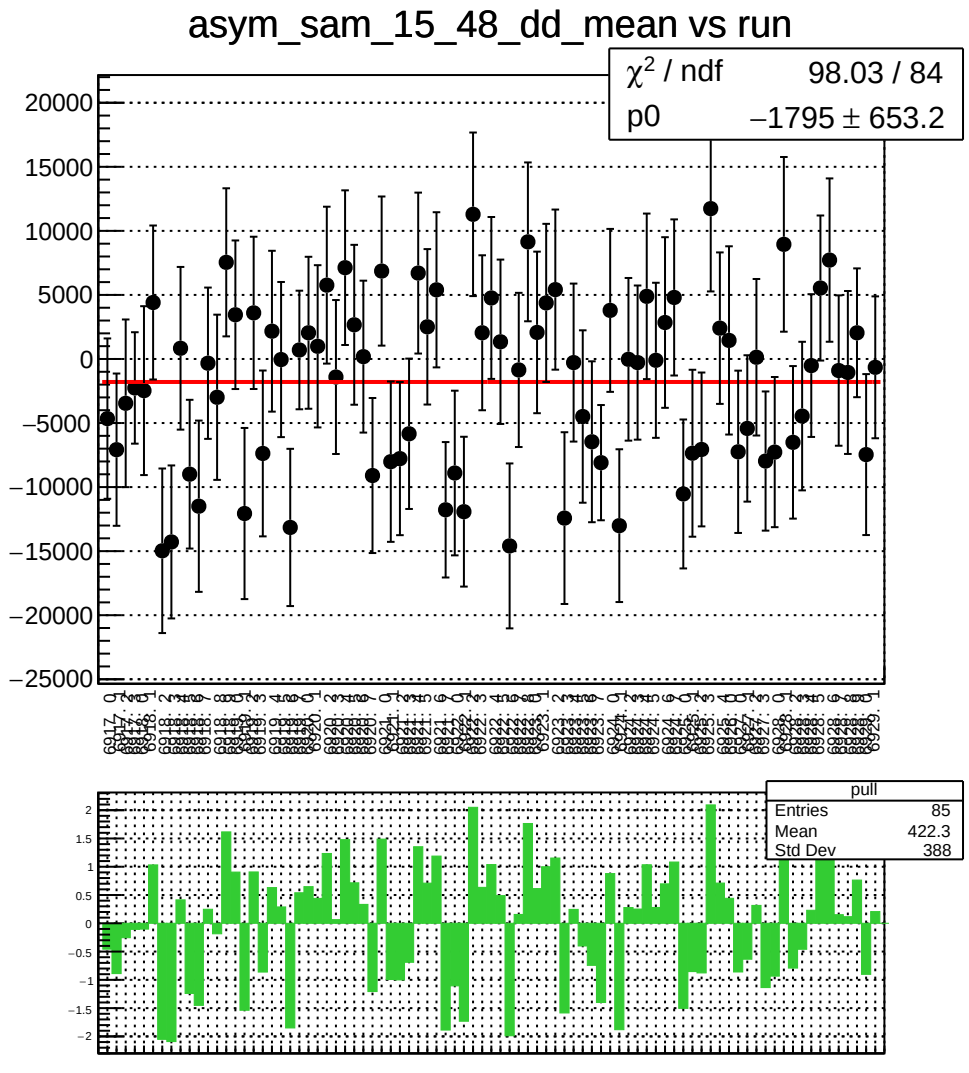

pull1D
Entries 85
Mean −0.000857
Std Dev 1.067
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

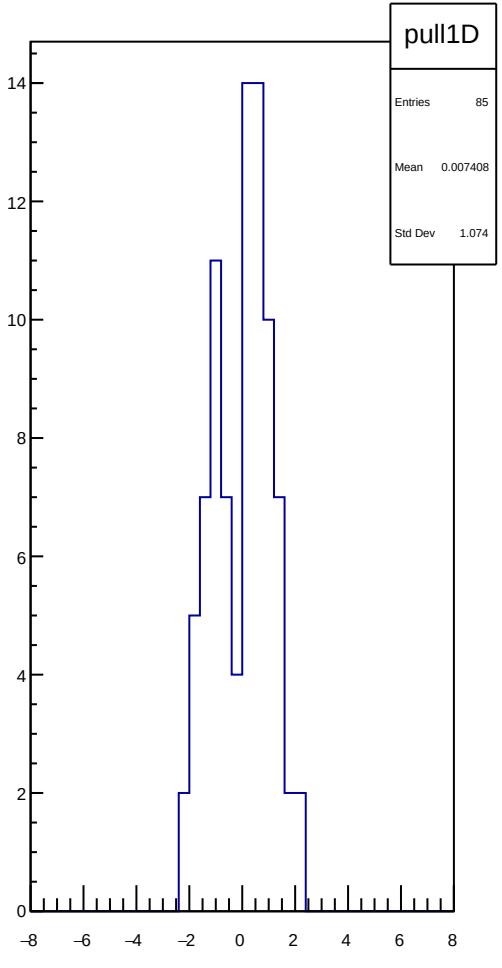

dit_asym_sam_15_48_dd_rms vs run
χ² / ndf 2794 / 84
p0 55.19 ± 0.04374
64
62
60
58
56
54
52
50

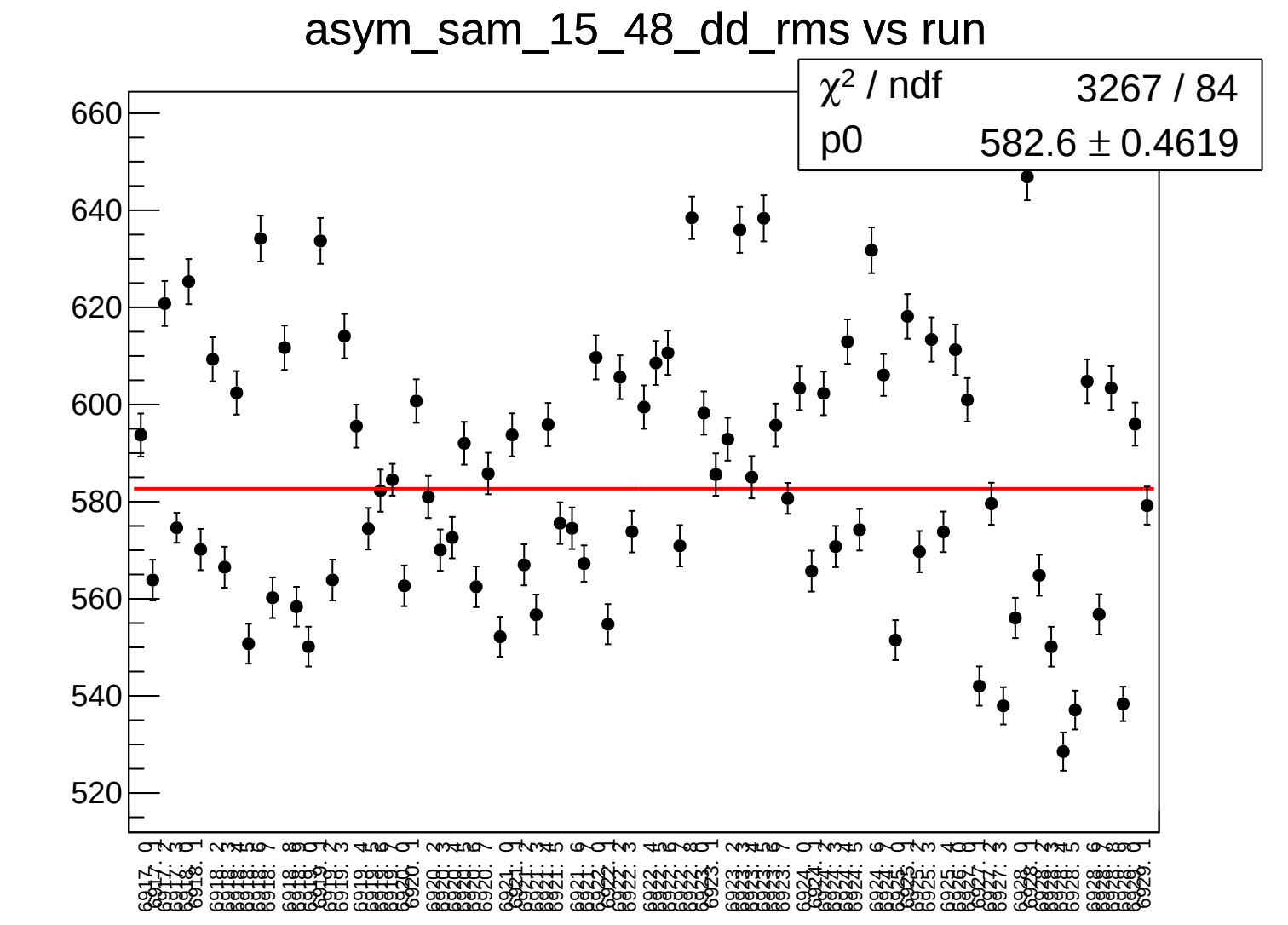

asym_sam_15_48_dd_correction_mean vs run
χ² / ndf 99.92 / 84
p0 1807 ± 649.1
pull
Entries 85
Mean 365.3
Std Dev 330

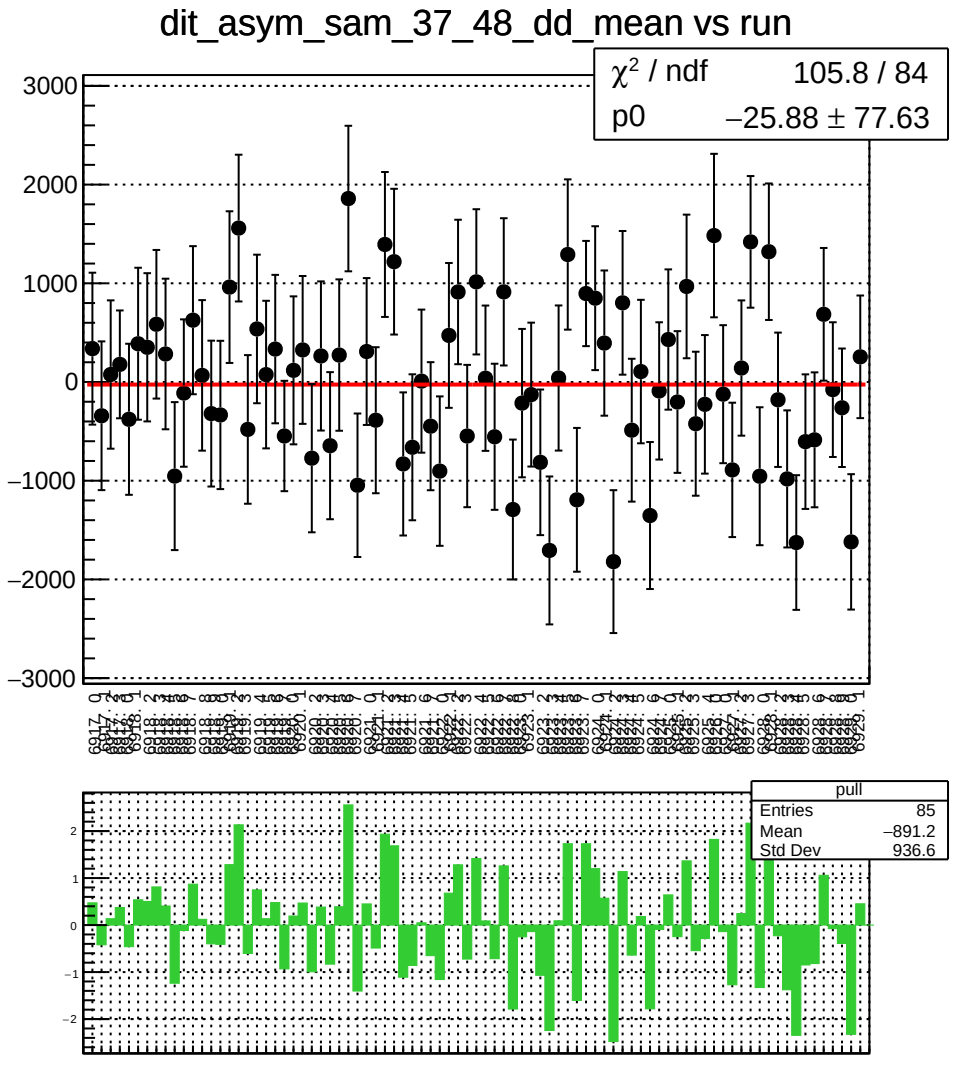

pull1D
Entries 85
Mean −0.009106
Std Dev 1.084

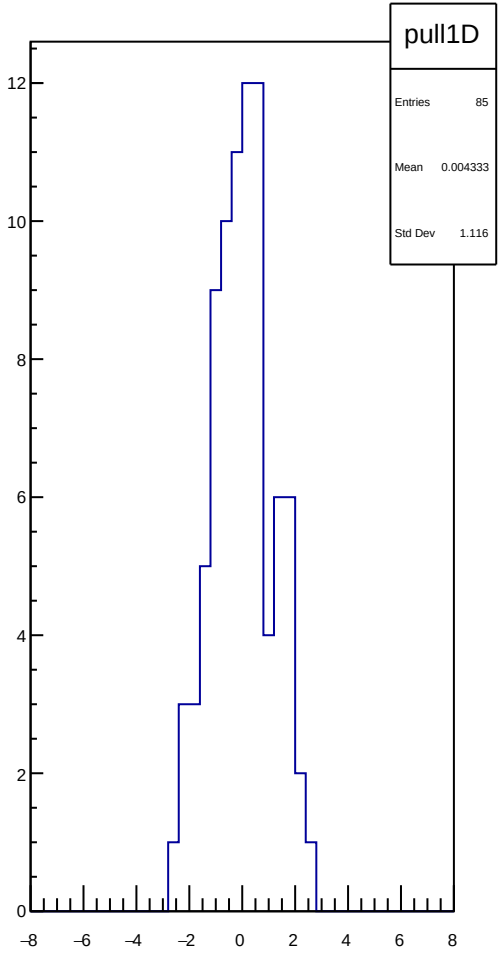

asym_sam_15_48_dd_correction_rms vs run
χ² / ndf 2700 / 84
p0 579.1 ± 0.459
640
620
600
580
560
540
520

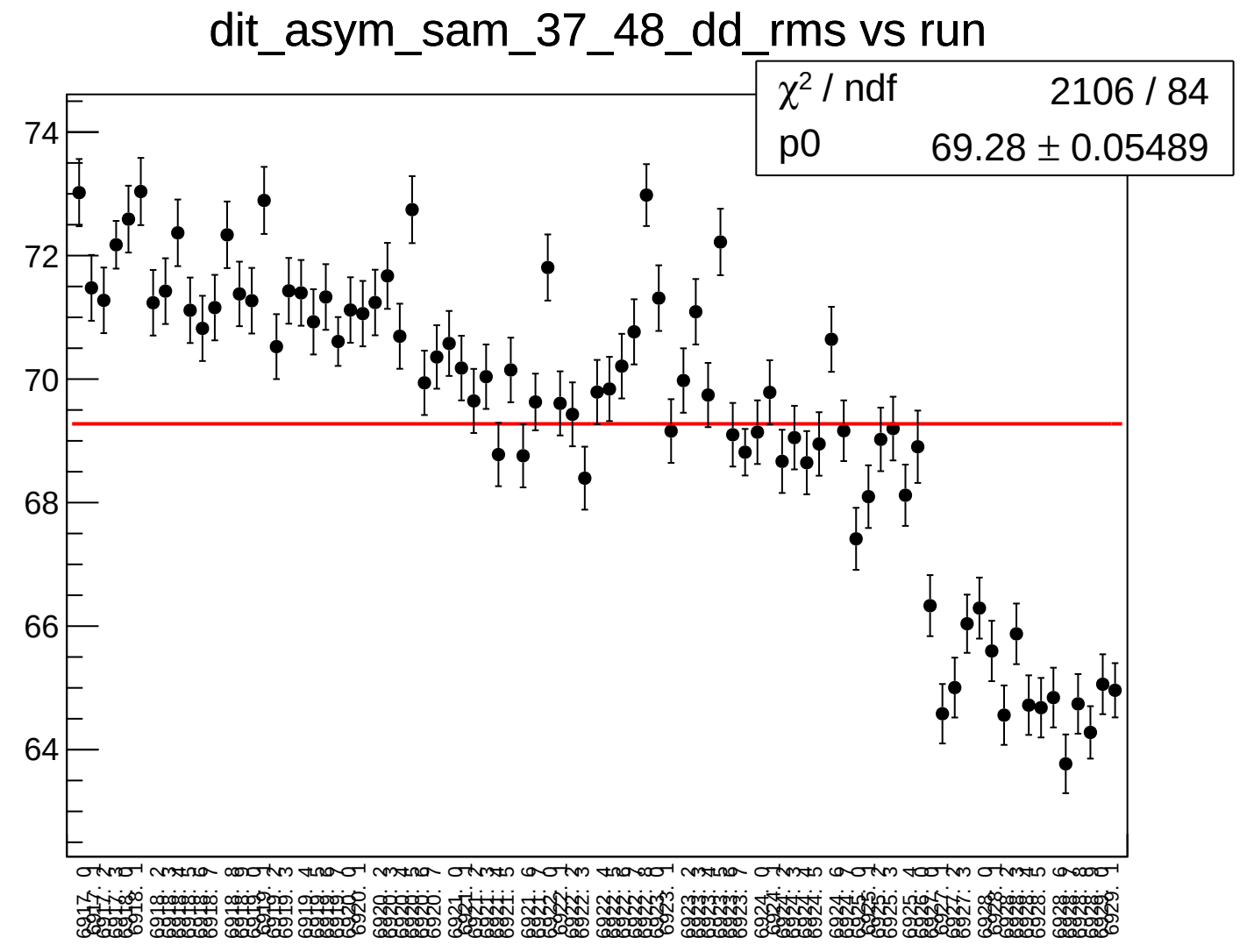

asym_sam_15_48_dd_mean vs run
χ^2 / ndf 98.03 / 84
p0 −1795 ± 653.2
pull
Entries 85
Mean 422.3
Std Dev 388

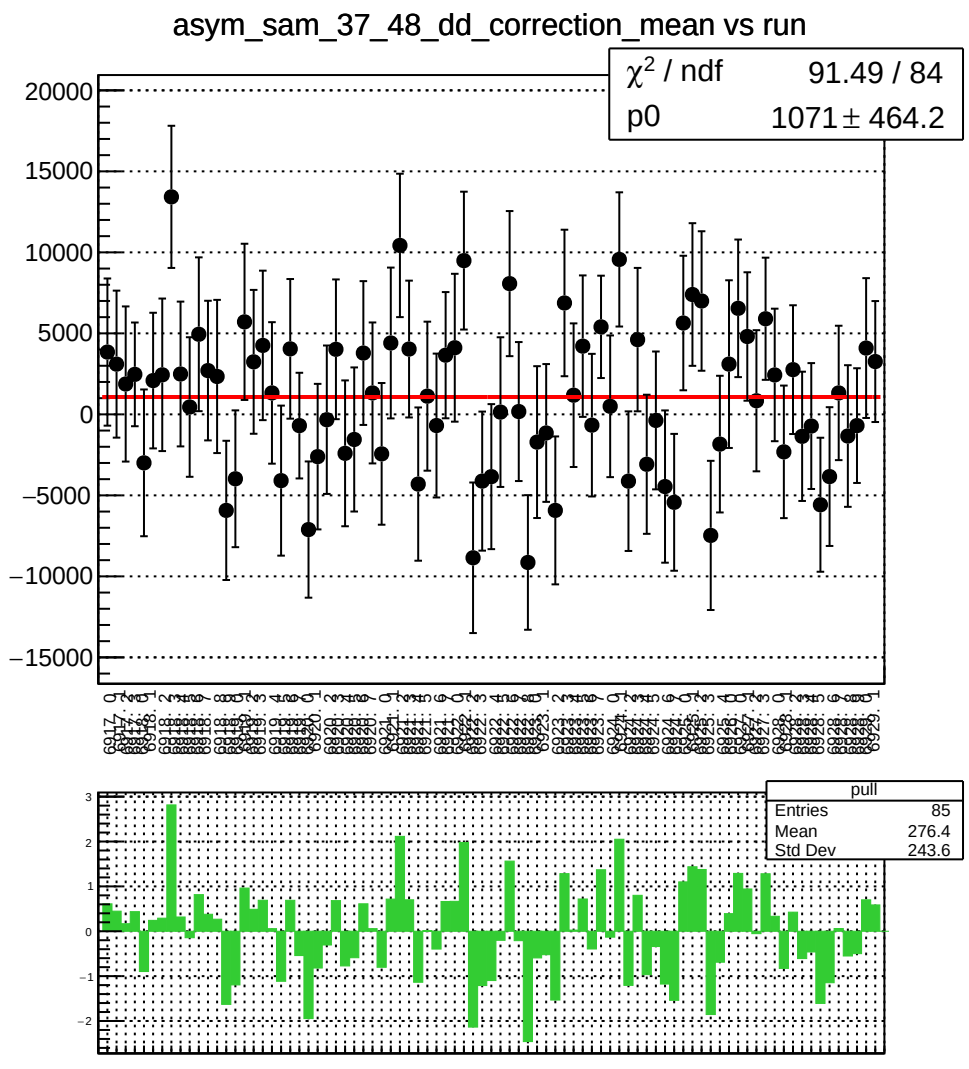

pull1D
Entries 85
Mean 0.007408
Std Dev 1.074

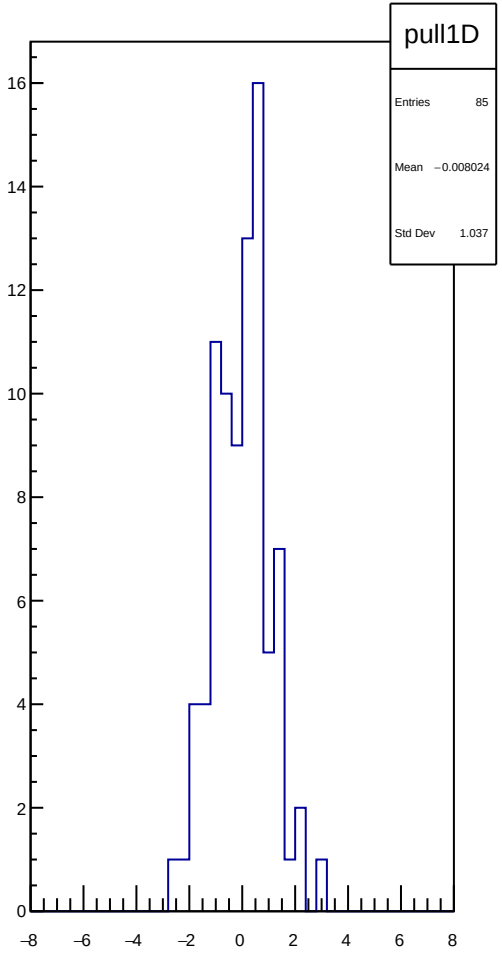

asym_sam_15_48_dd_rms vs run
χ² / ndf 3267 / 84
p0 582.6 ± 0.4619
660
640
620
600
580
560
540
520

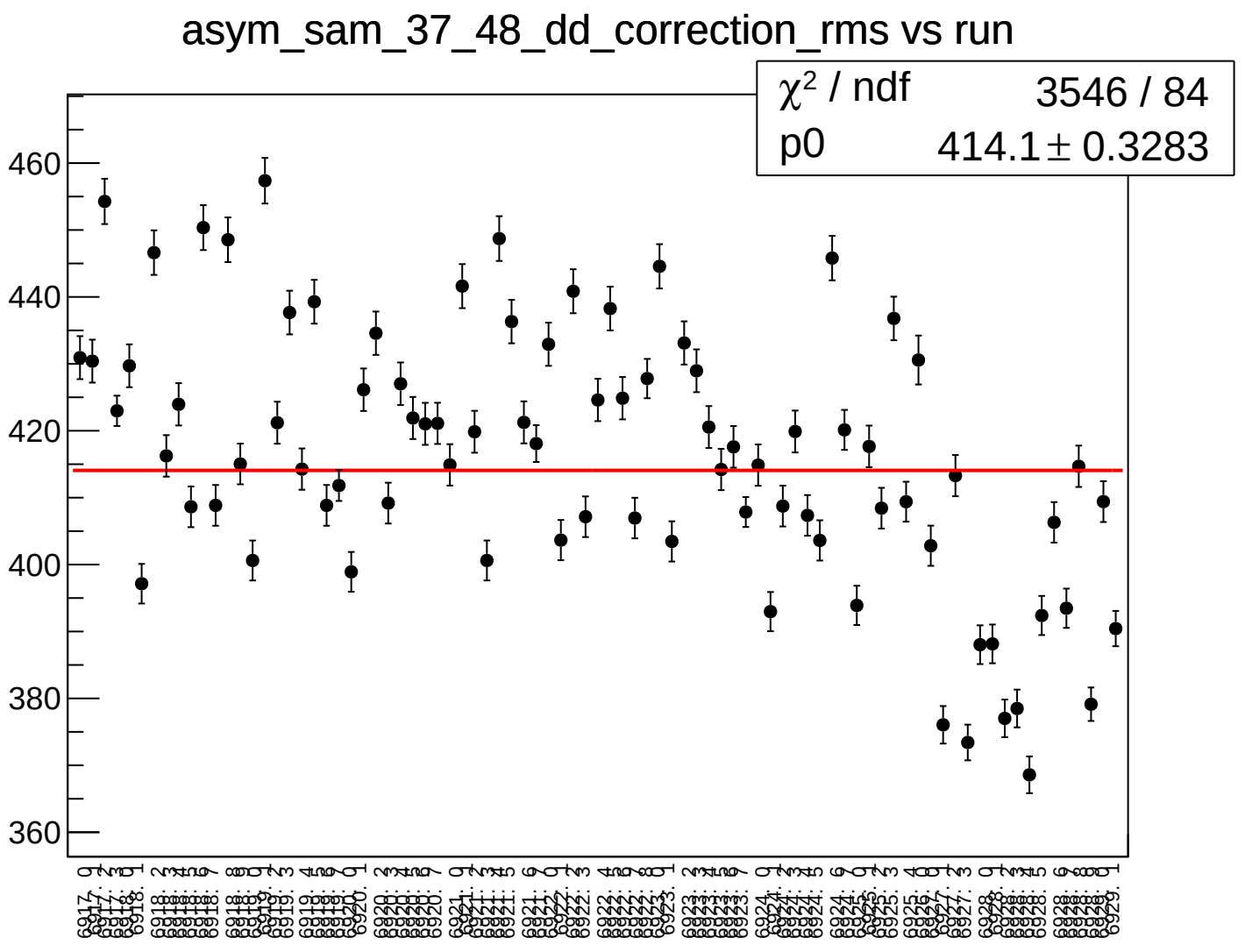

dit_asym_sam_37_48_dd_mean vs run
χ² / ndf 105.8 / 84
p0 −25.88 ± 77.63
pull
Entries 85
Mean −891.2
Std Dev 936.6

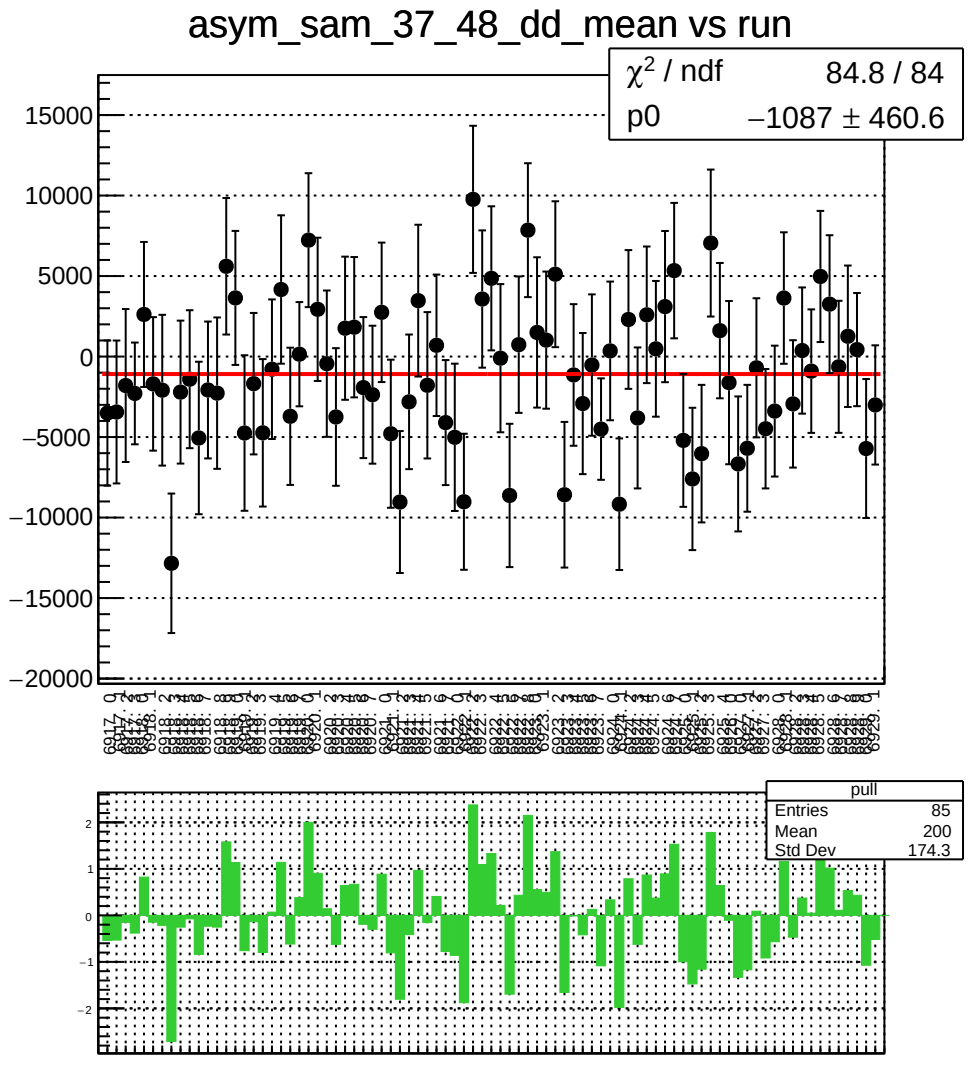

pull1D
Entries 85
Mean 0.004333
Std Dev 1.116

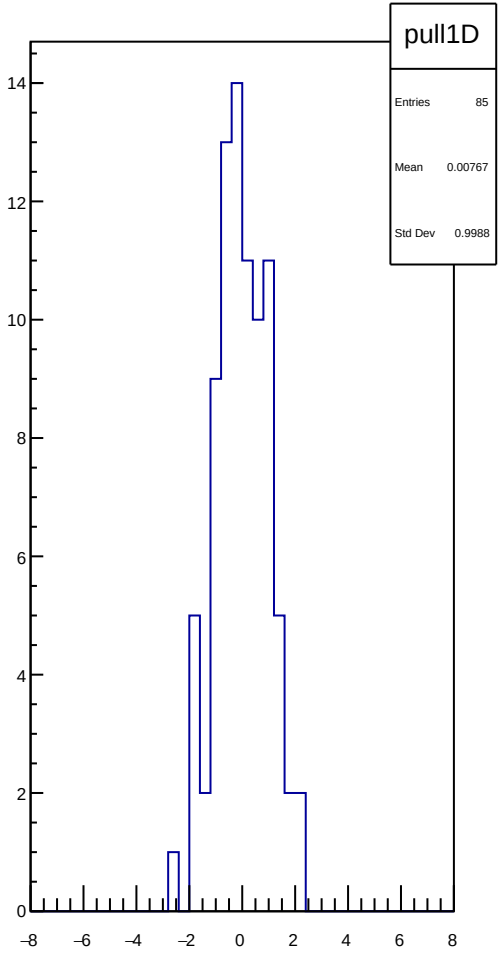

dit_asym_sam_37_48_dd_rms vs run
χ^2 / ndf 2106 / 84
p0 69.28 ± 0.05489
74
72
70
68
66
64

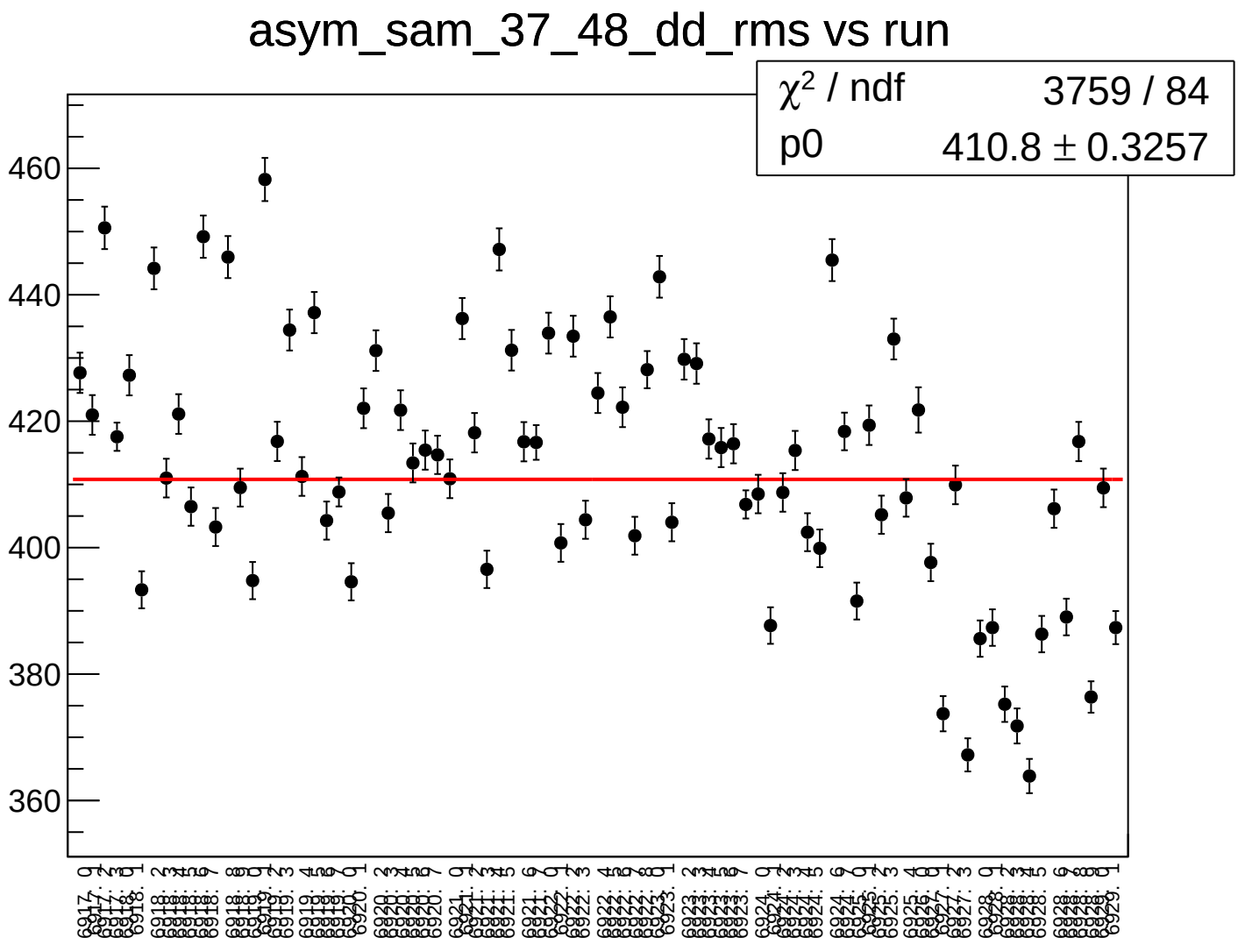

asym_sam_37_48_dd_correction_mean vs run
χ² / ndf 91.49 / 84
p0 1071 ± 464.2
pull
Entries 85
Mean 276.4
Std Dev 243.6

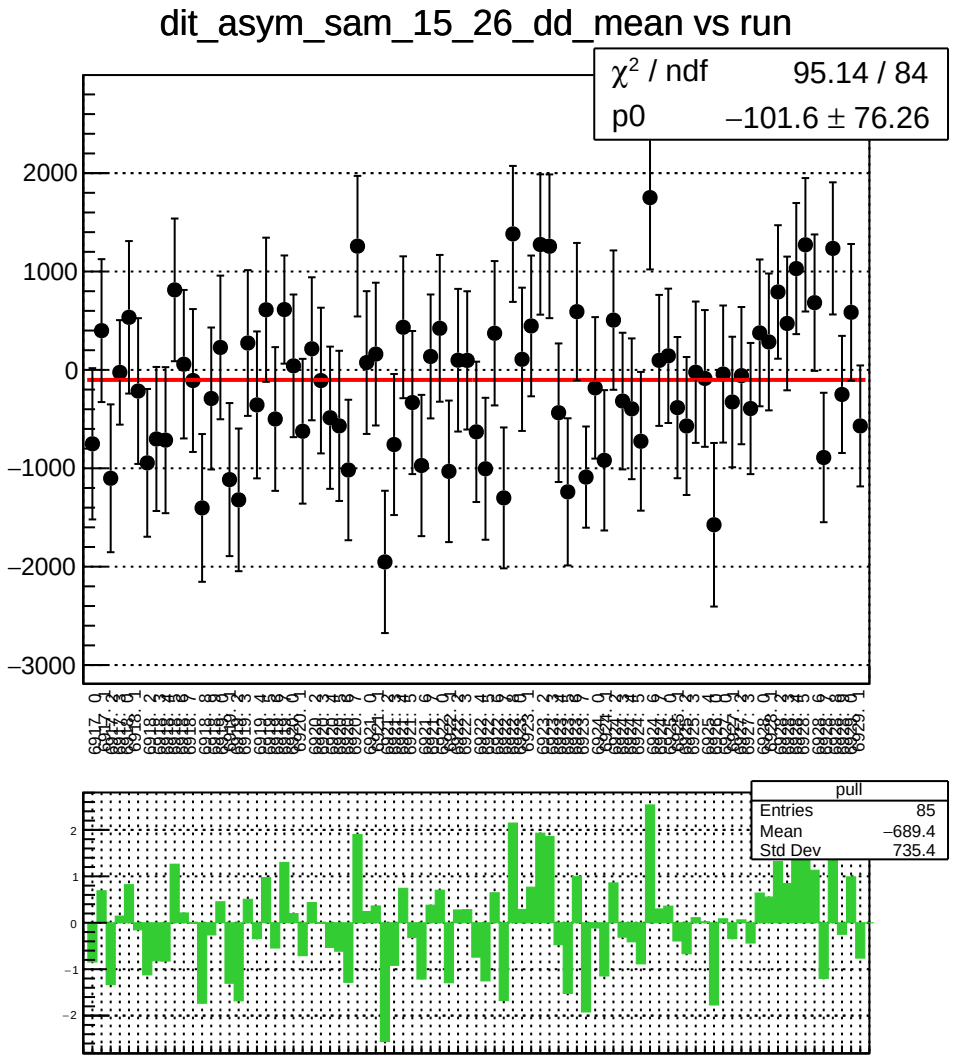

pull1D
Entries 85
Mean −0.008024
Std Dev 1.037

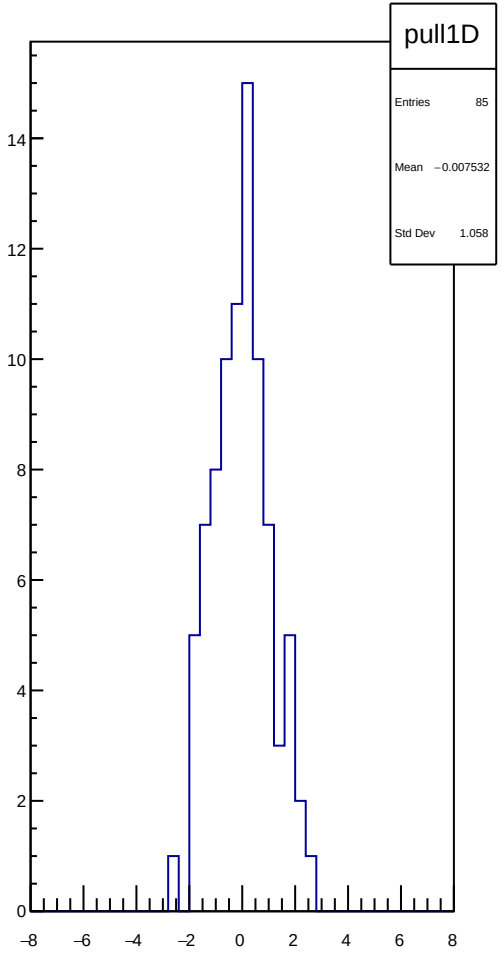

asym_sam_37_48_dd_correction_rms vs run
χ² / ndf 3546 / 84
p0 414.1 ± 0.3283
460
440
420
400
380
360

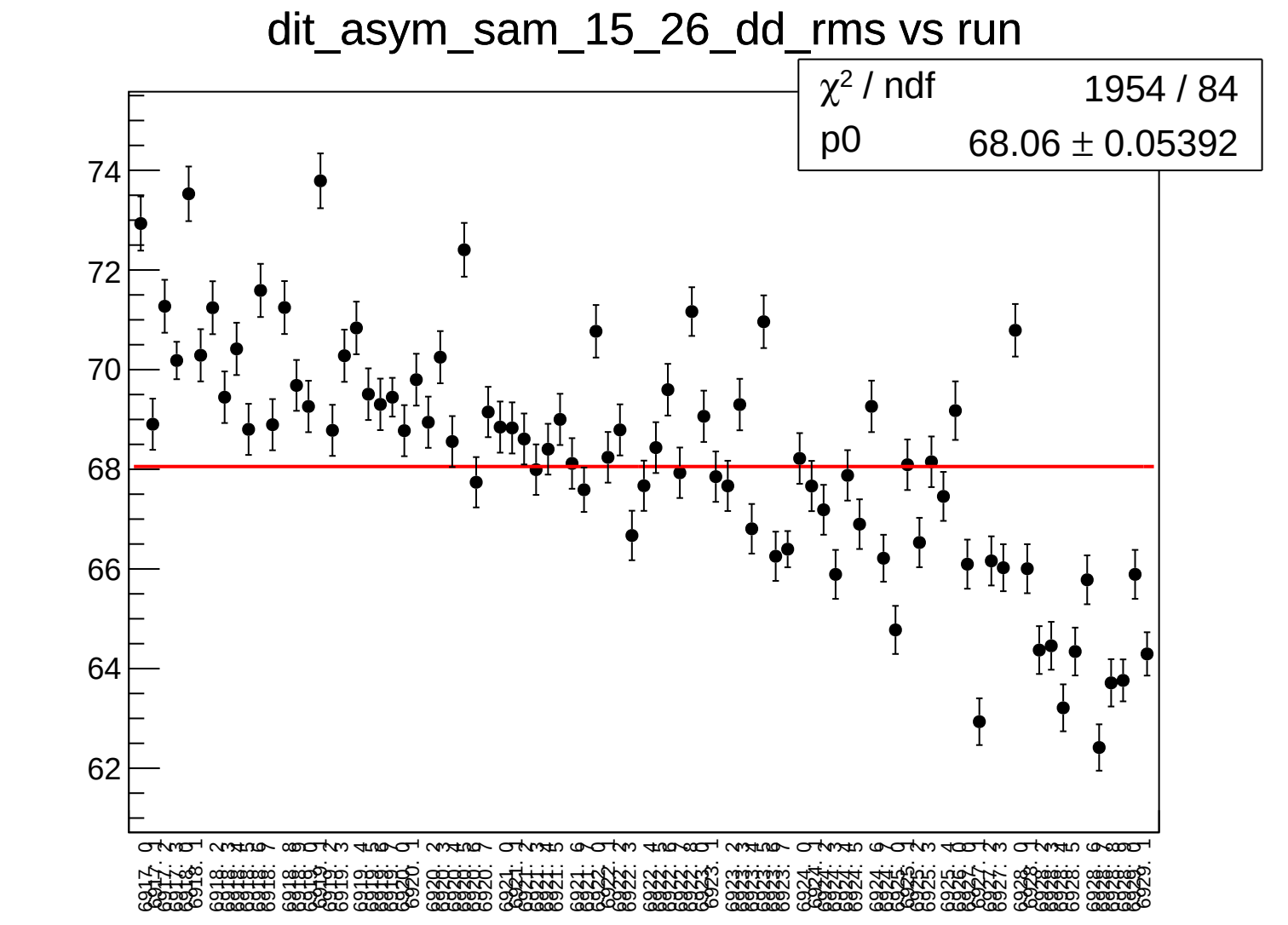

asym_sam_37_48_dd_mean vs run
χ² / ndf 84.8 / 84
p0 −1087 ± 460.6
pull
Entries 85
Mean 200
Std Dev 174.3

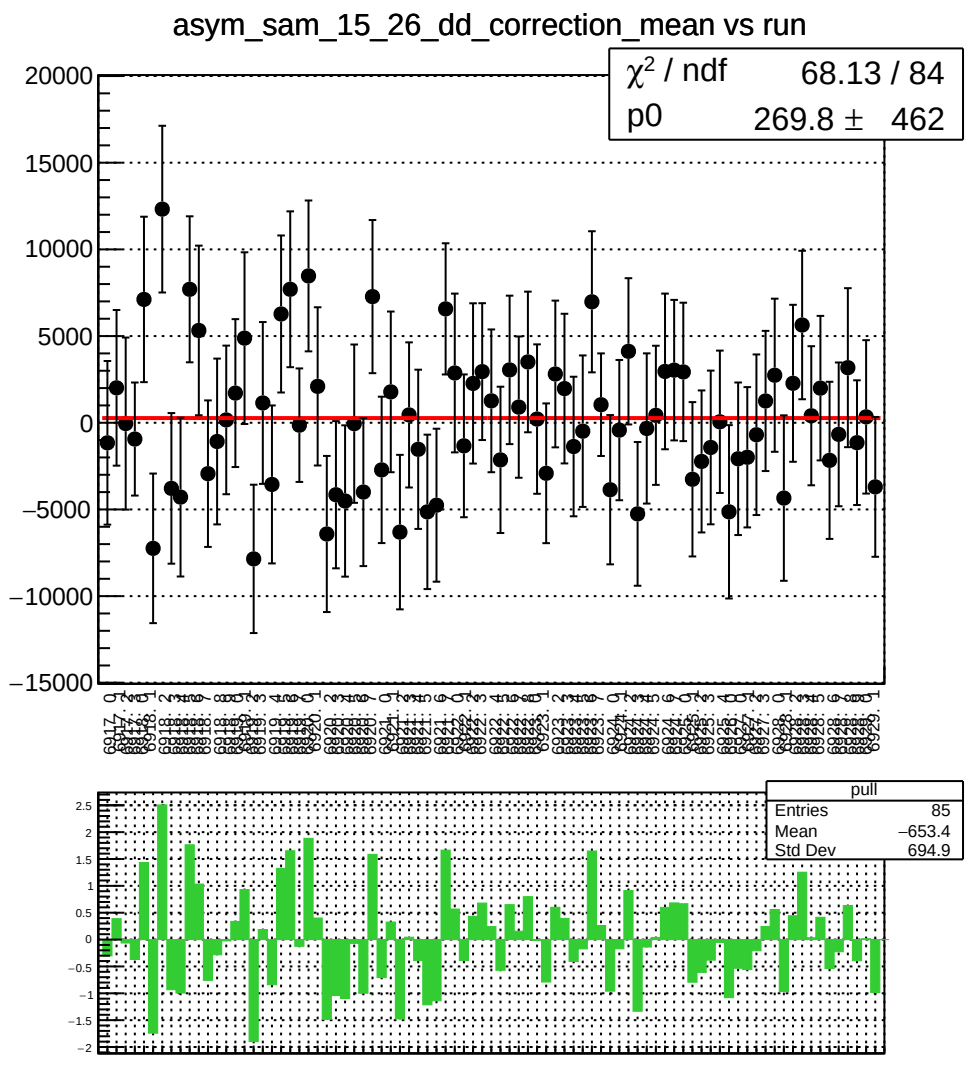

pull1D
Entries 85
Mean 0.00767
Std Dev 0.9988

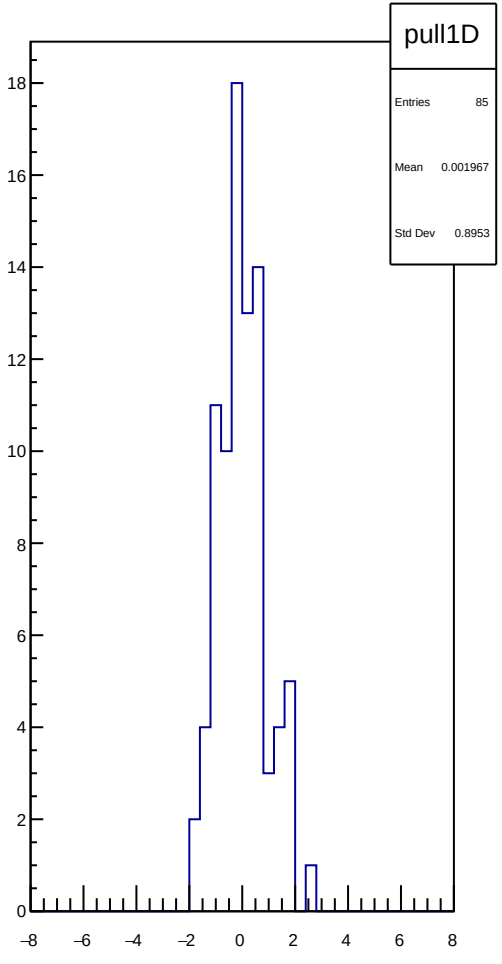

asym_sam_37_48_dd_rms vs run
χ² / ndf 3759 / 84
p0 410.8 ± 0.3257
460
440
420
400
380
360

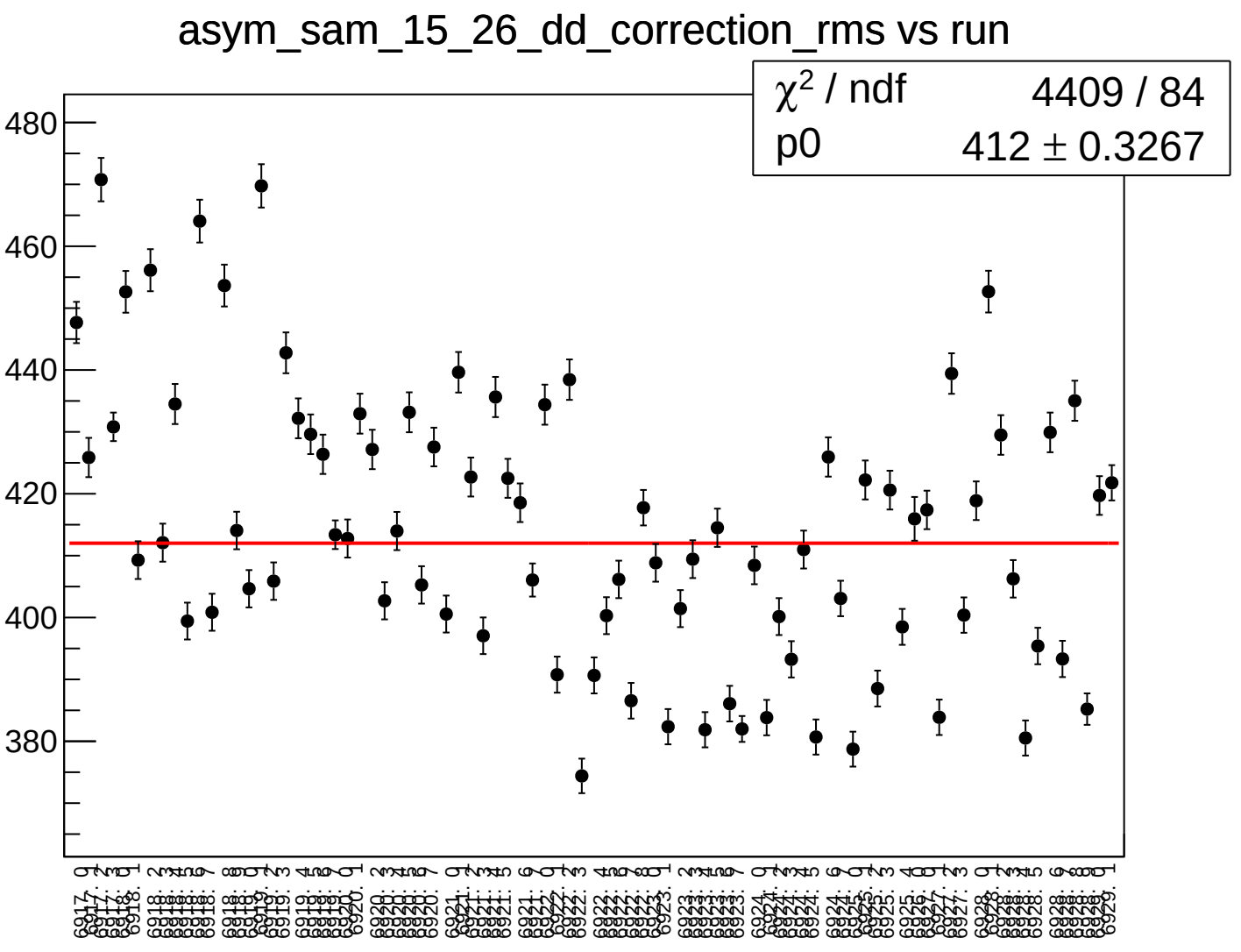

dit_asym_sam_15_26_dd_mean vs run
χ² / ndf 95.14 / 84
p0 −101.6 ± 76.26
pull
Entries 85
Mean −689.4
Std Dev 735.4

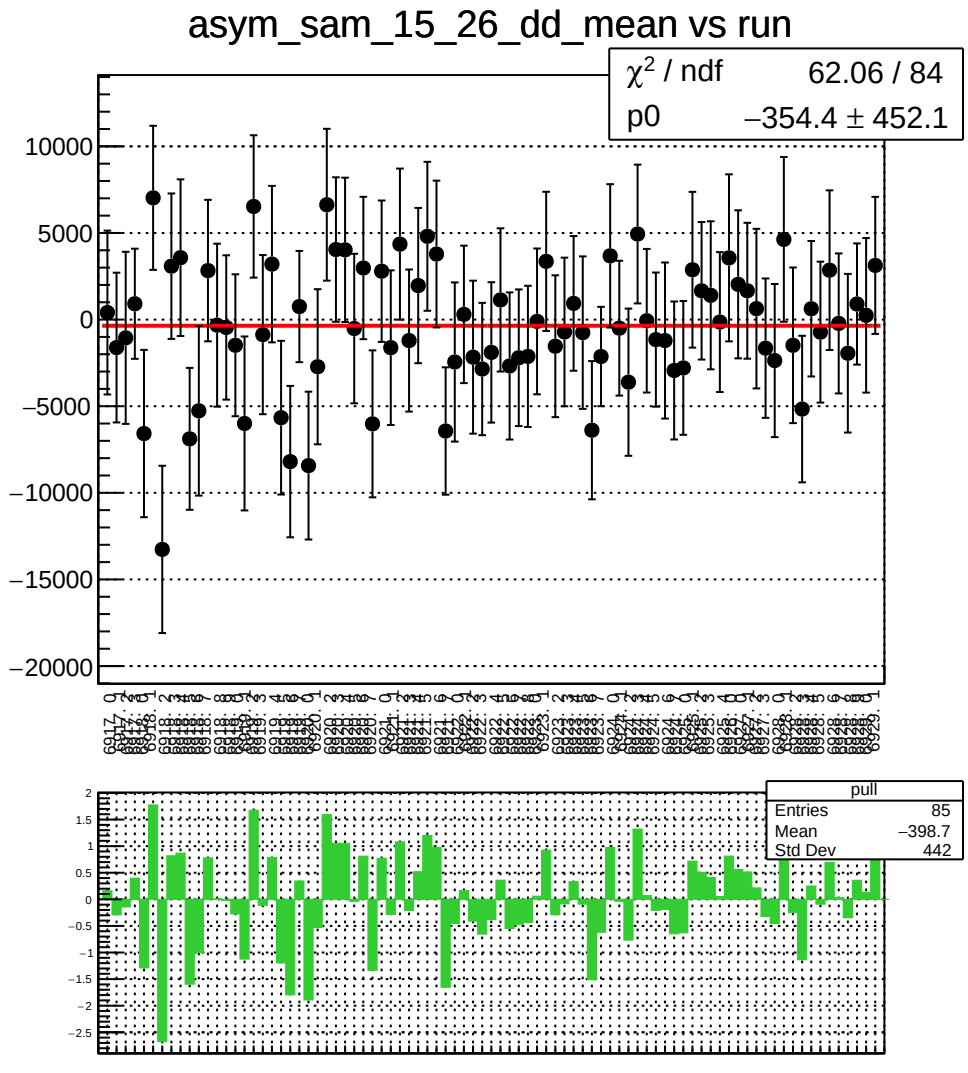

pull1D
Entries 85
Mean −0.007532
Std Dev 1.058

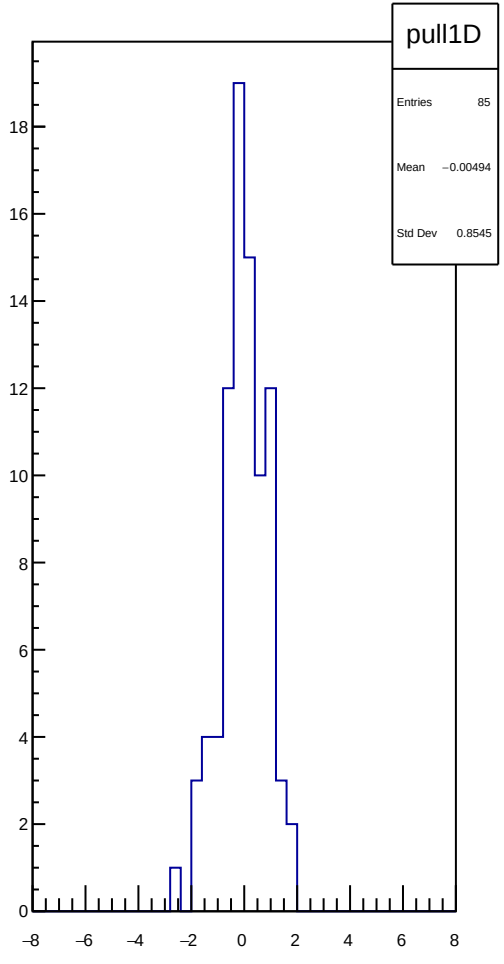

dit_asym_sam_15_26_dd_rms vs run
χ² / ndf 1954 / 84
p0 68.06 ± 0.05392
74
72
70
68
66
64
62

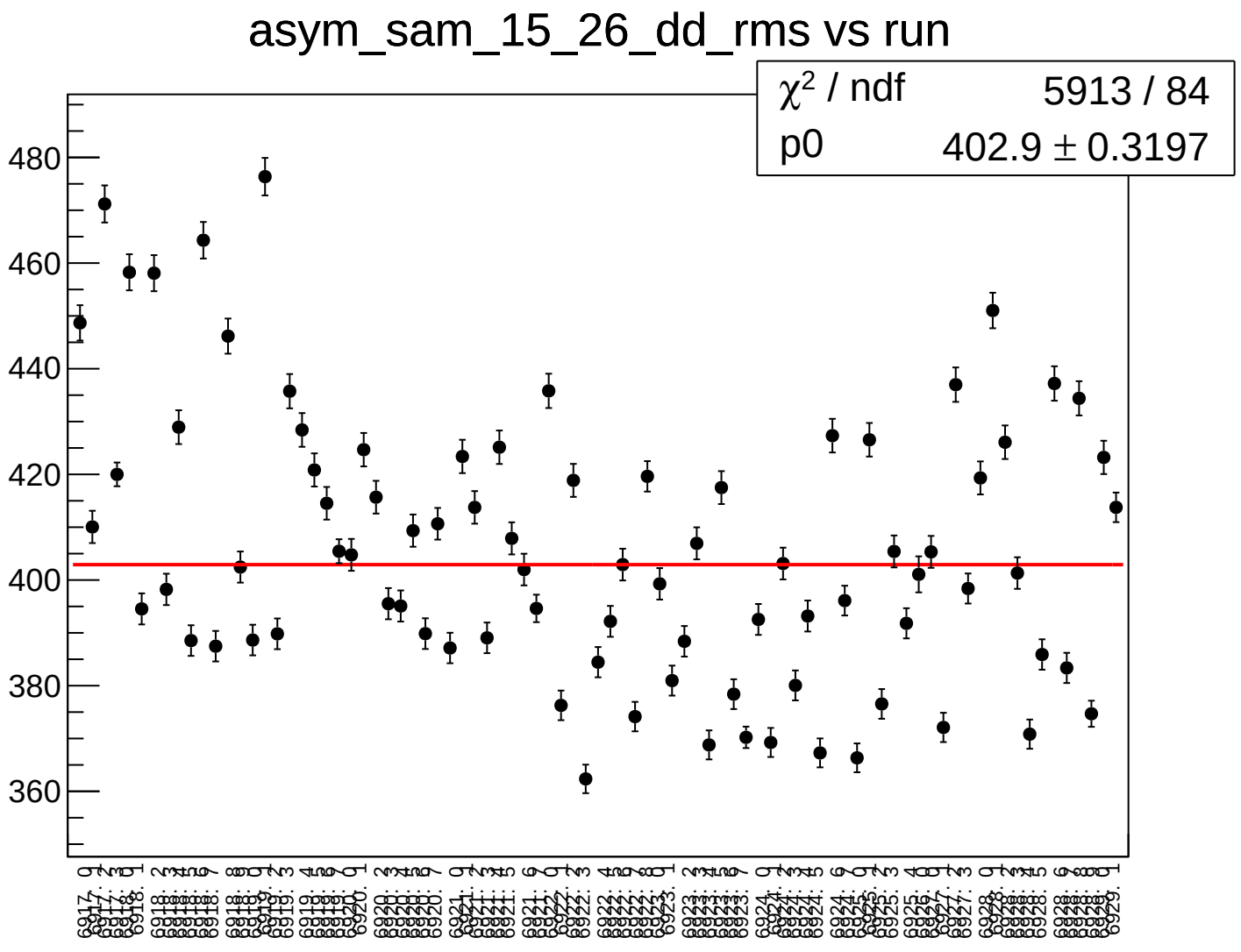

asym_sam_15_26_dd_correction_mean vs run
χ^2 / ndf 68.13 / 84
p0 269.8 ± 462
pull
Entries 85
Mean −653.4
Std Dev 694.9

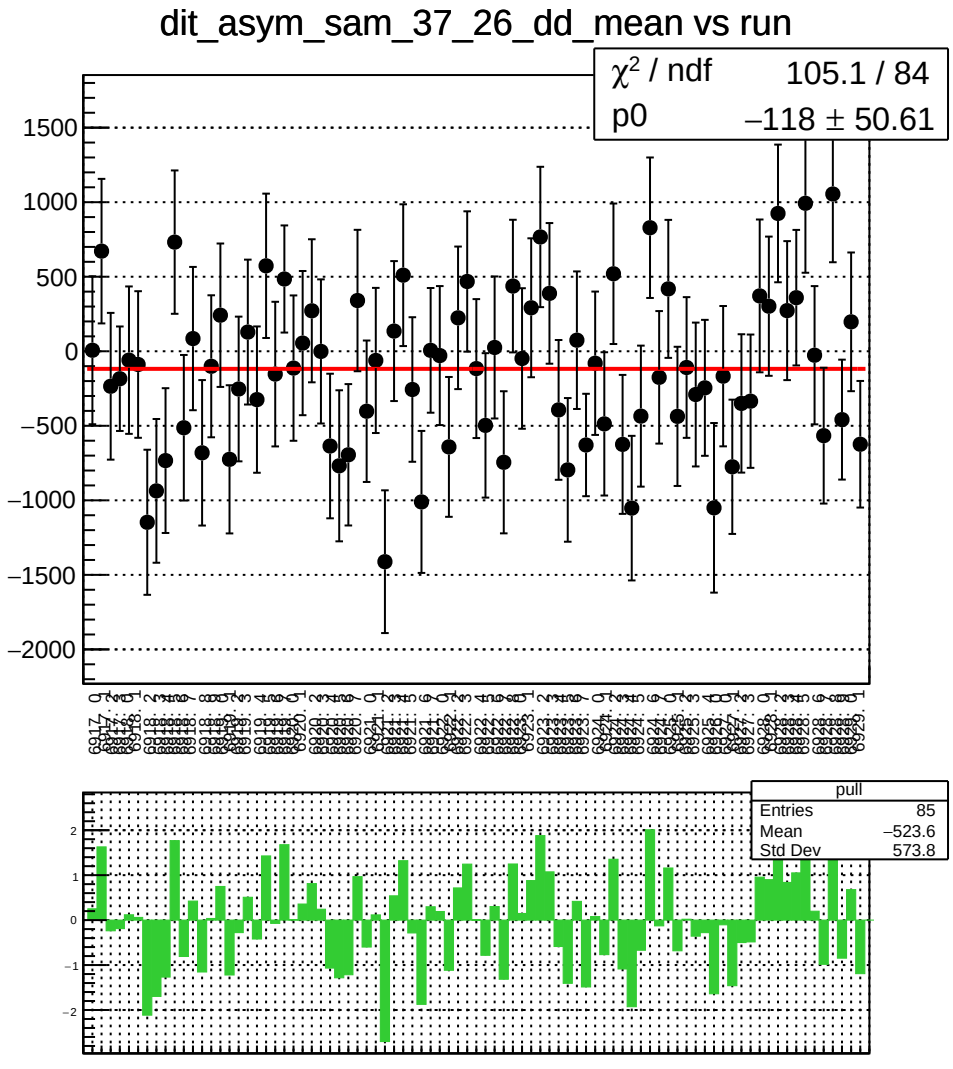

pull1D
Entries 85
Mean 0.001967
Std Dev 0.8953

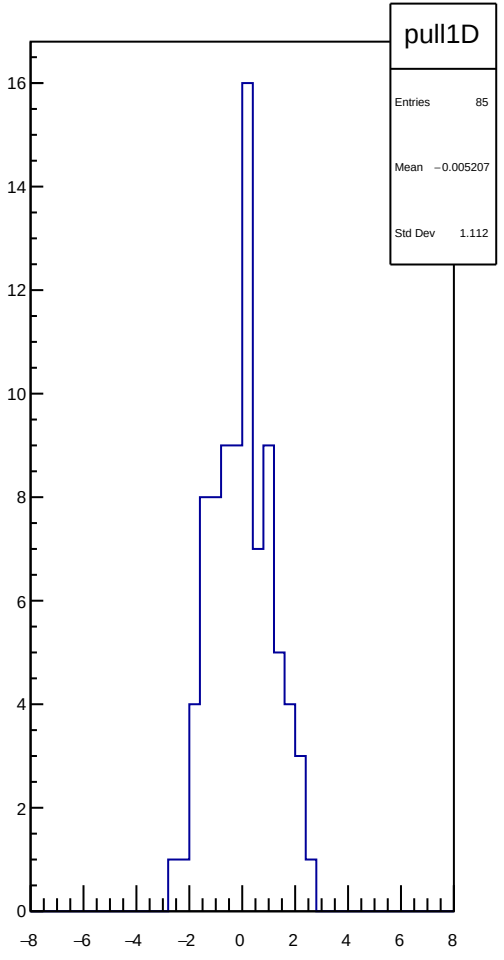

asym_sam_15_26_dd_correction_rms vs run
χ² / ndf 4409 / 84
p0 412 ± 0.3267
480
460
440
420
400
380

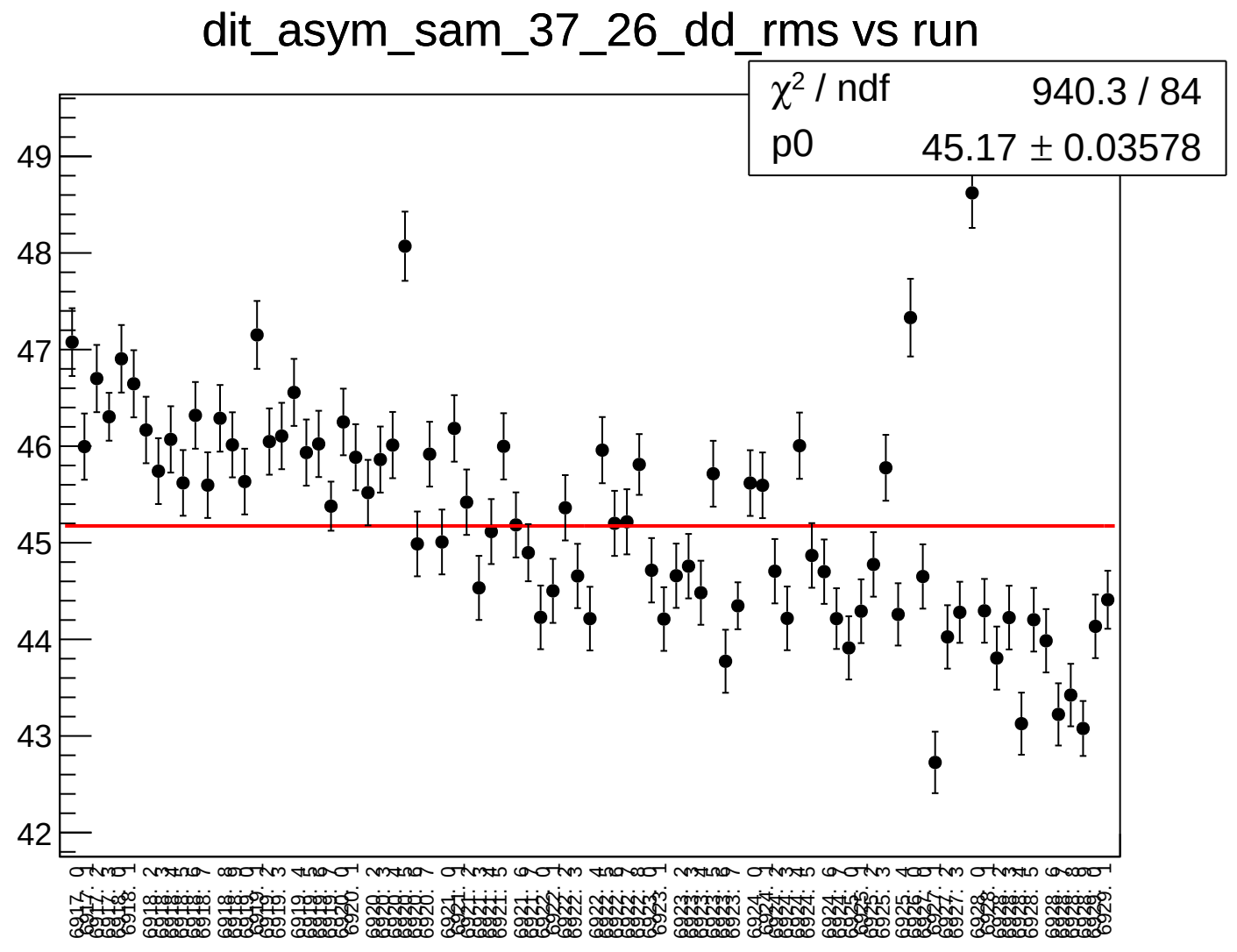

asym_sam_15_26_dd_mean vs run
χ² / ndf 62.06 / 84
p0 −354.4 ± 452.1
pull
Entries 85
Mean −398.7
Std Dev 442

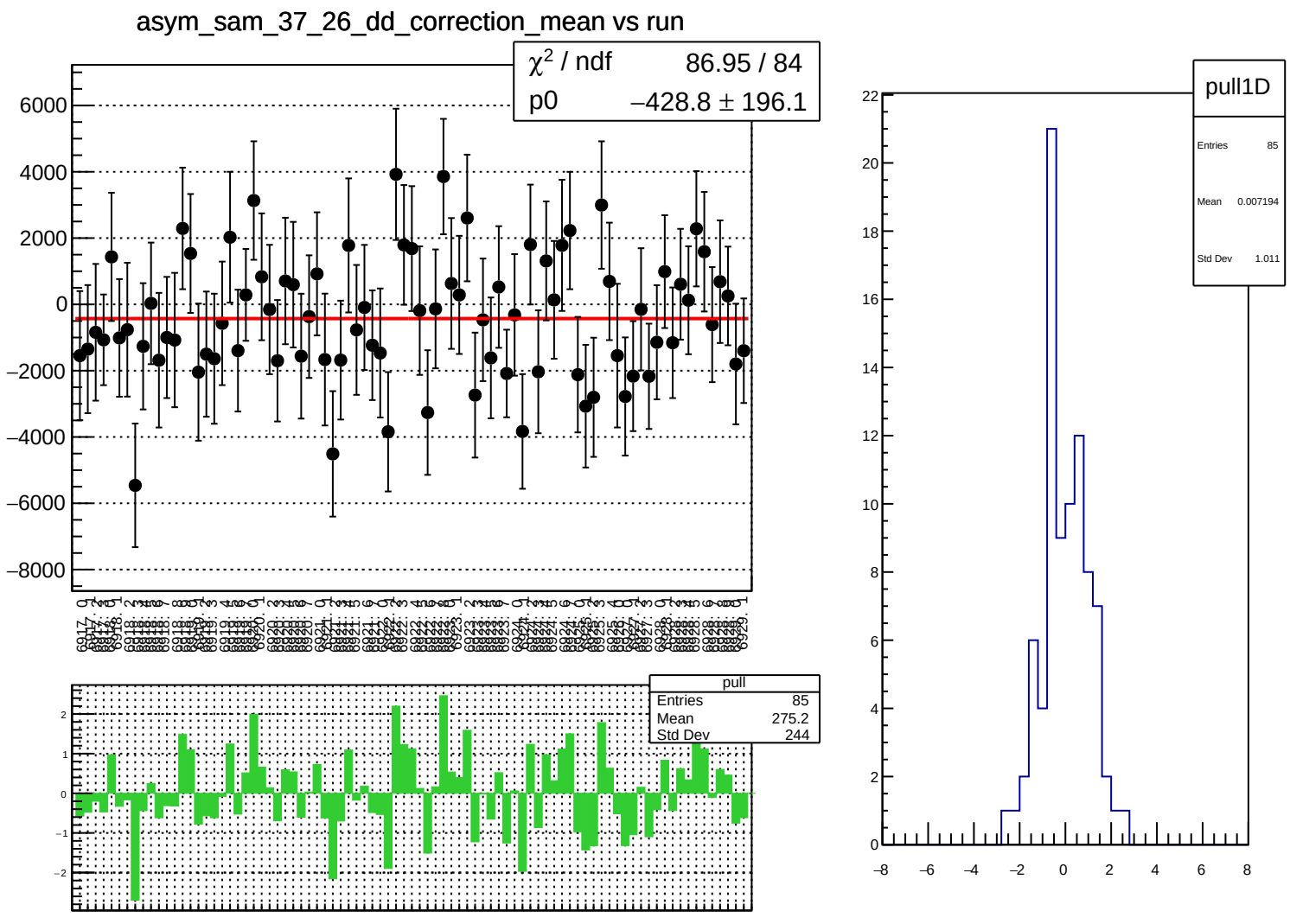

pull1D
Entries 85
Mean −0.00494
Std Dev 0.8545

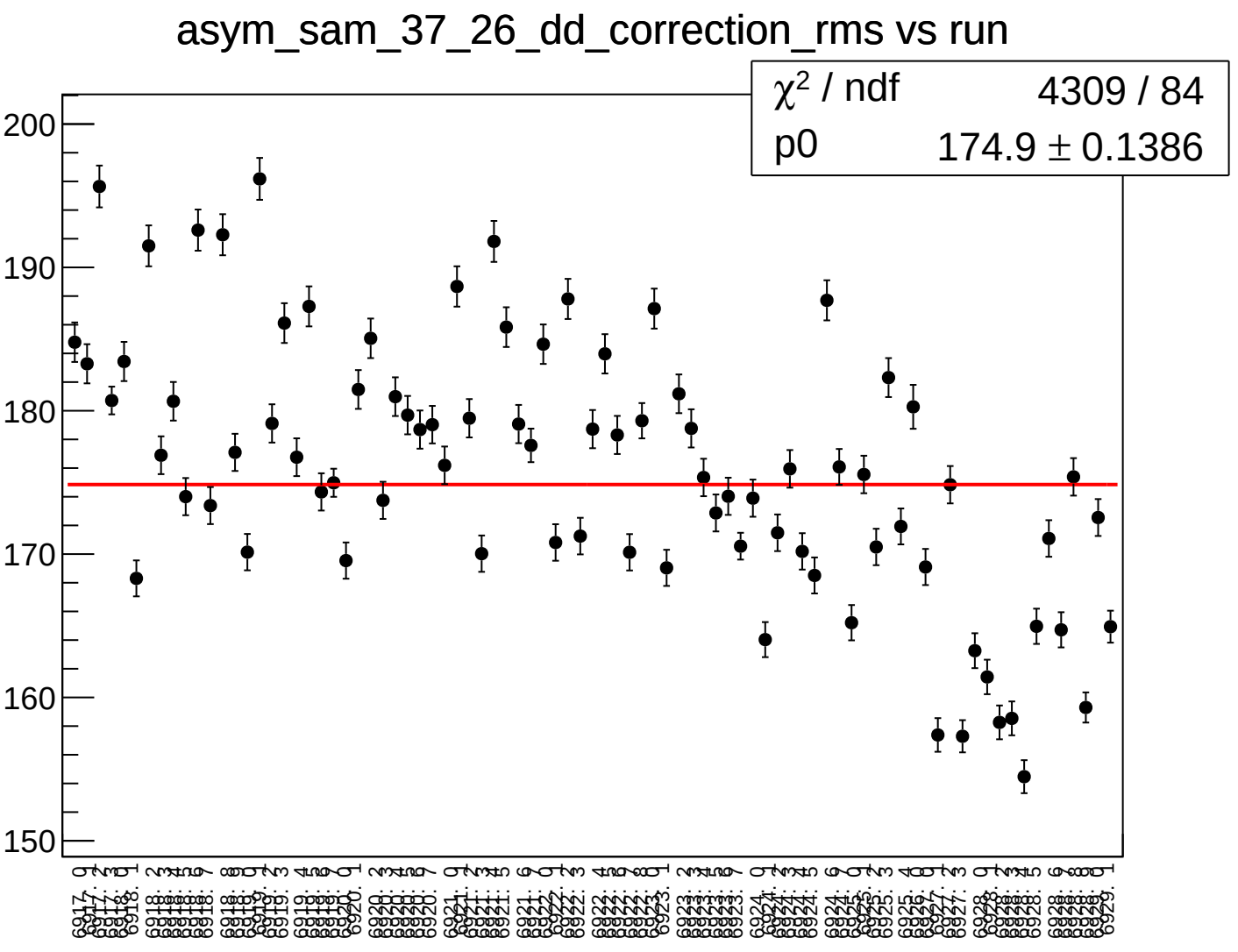

asym_sam_15_26_dd_rms vs run
χ² / ndf 5913 / 84
p0 402.9 ± 0.3197
480
460
440
420
400
380
360

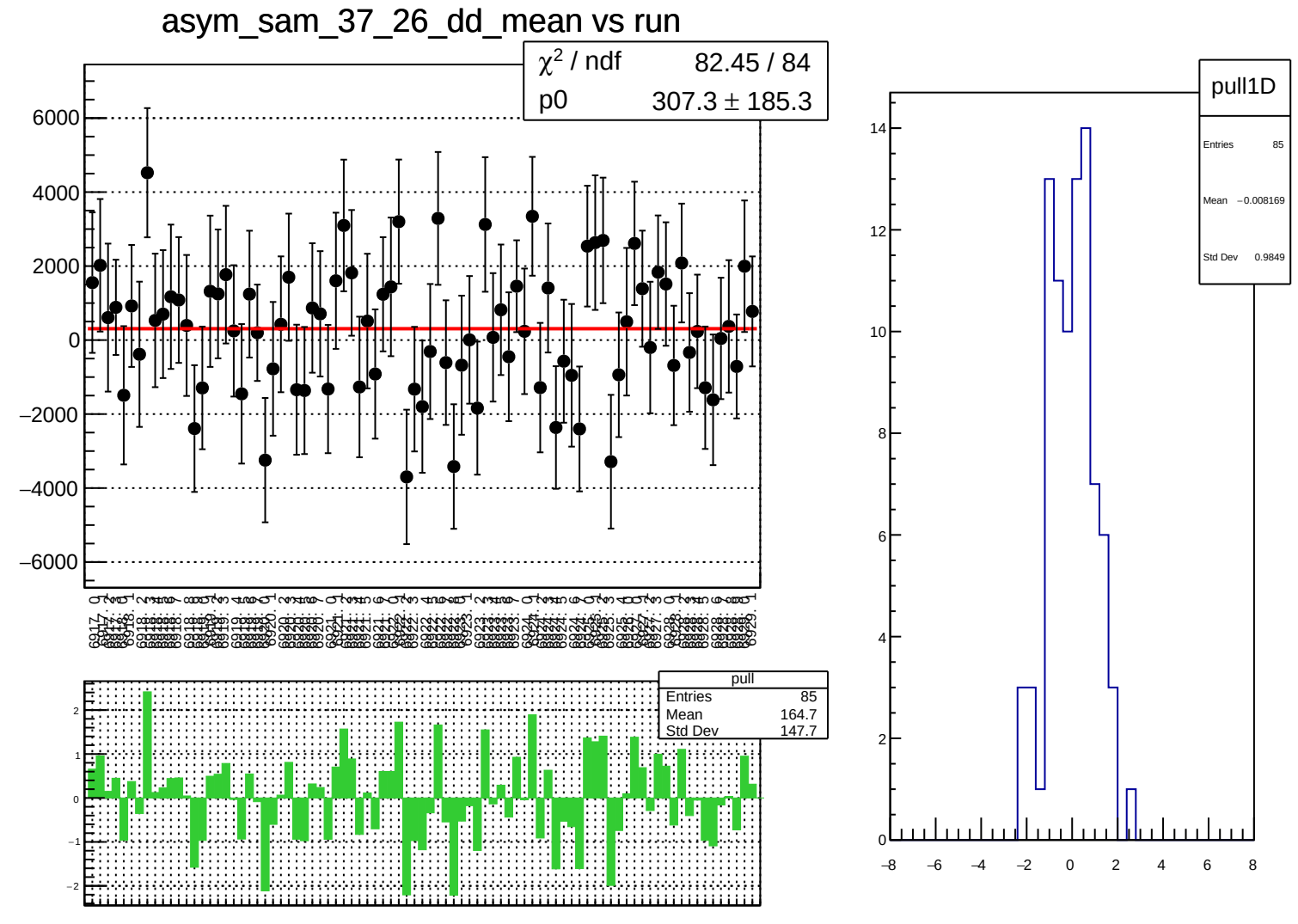

dit_asym_sam_37_26_dd_mean vs run
χ² / ndf 105.1 / 84
p0 −118 ± 50.61
pull
Entries 85
Mean −523.6
Std Dev 573.8

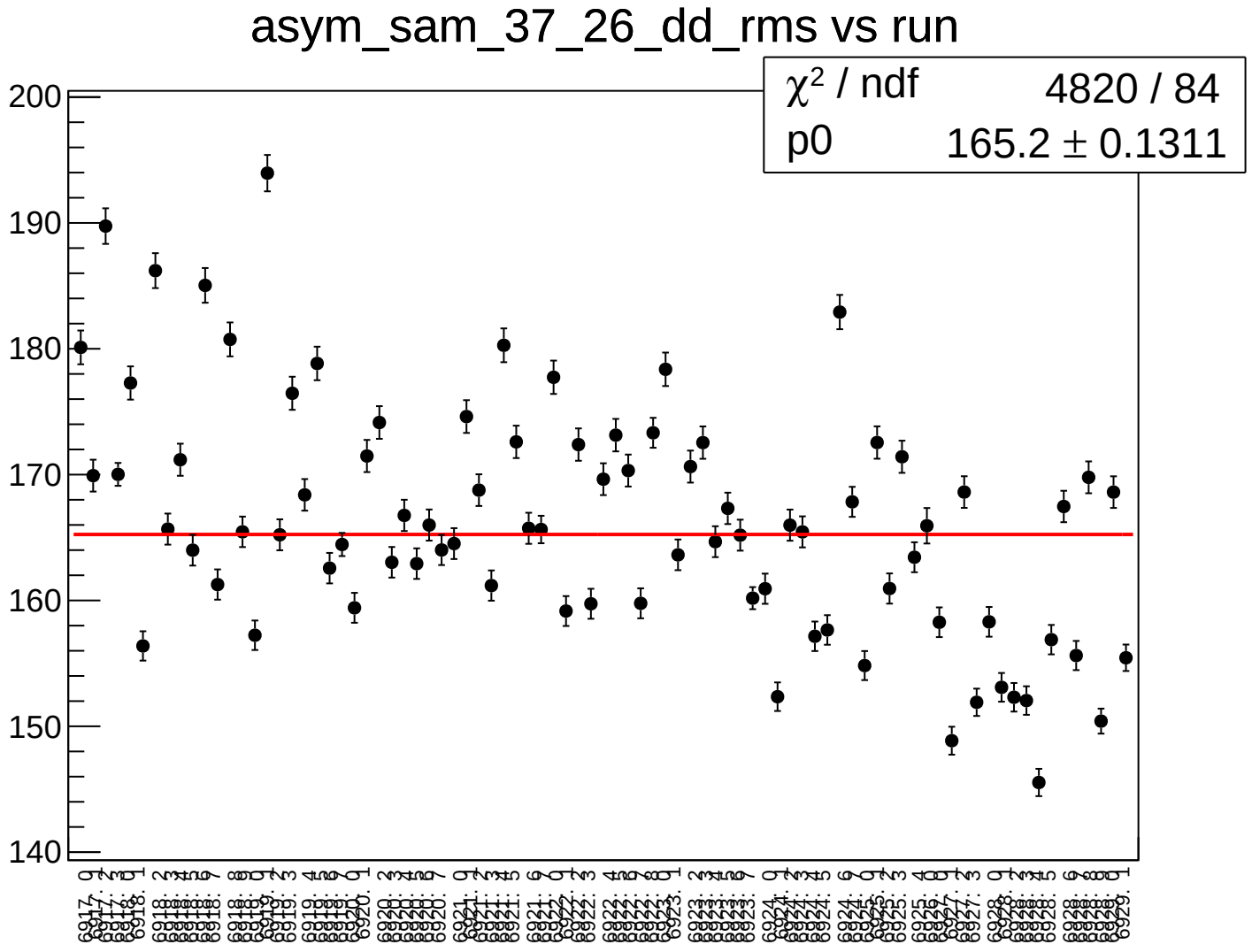

pull1D
Entries 85
Mean −0.005207
Std Dev 1.112

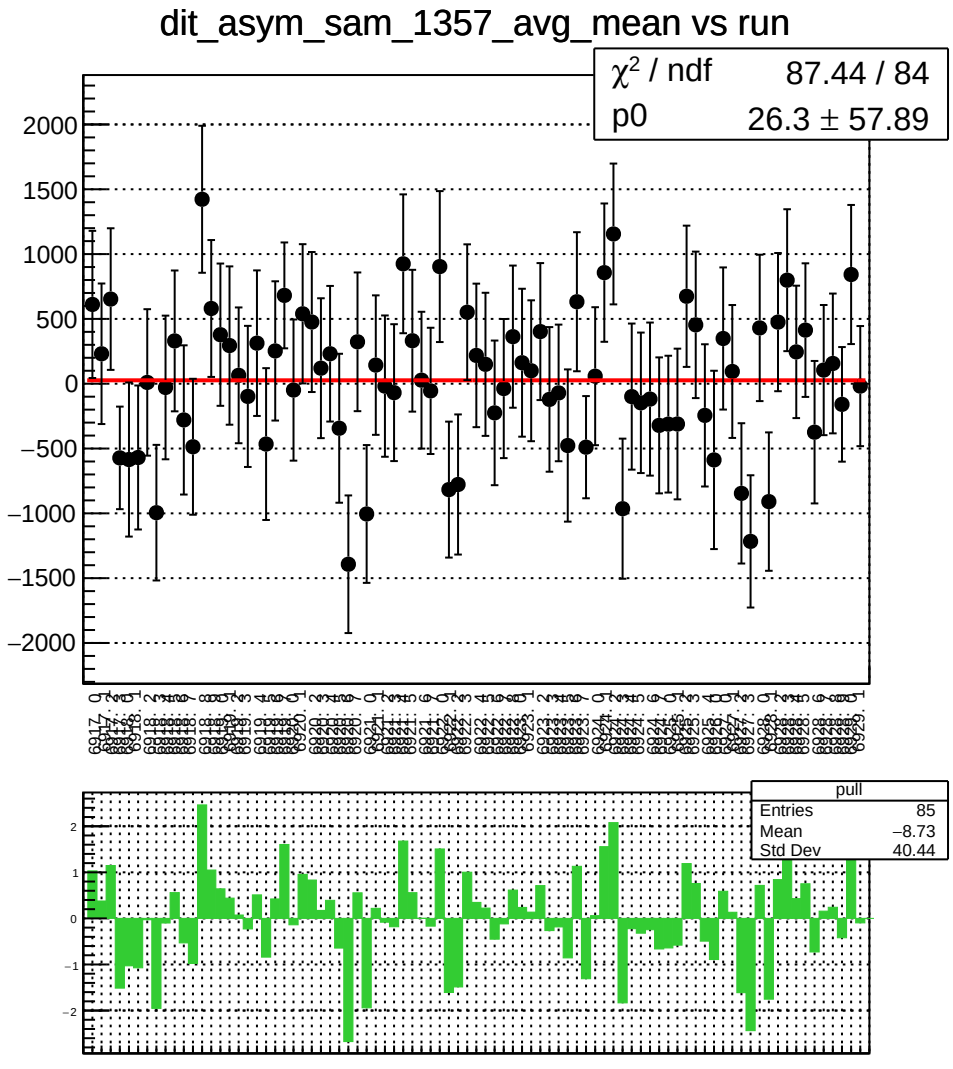

dit_asym_sam_37_26_dd_rms vs run
χ^2 / ndf 940.3 / 84
p0 45.17 ± 0.03578
49
48
47
46
45
44
43
42

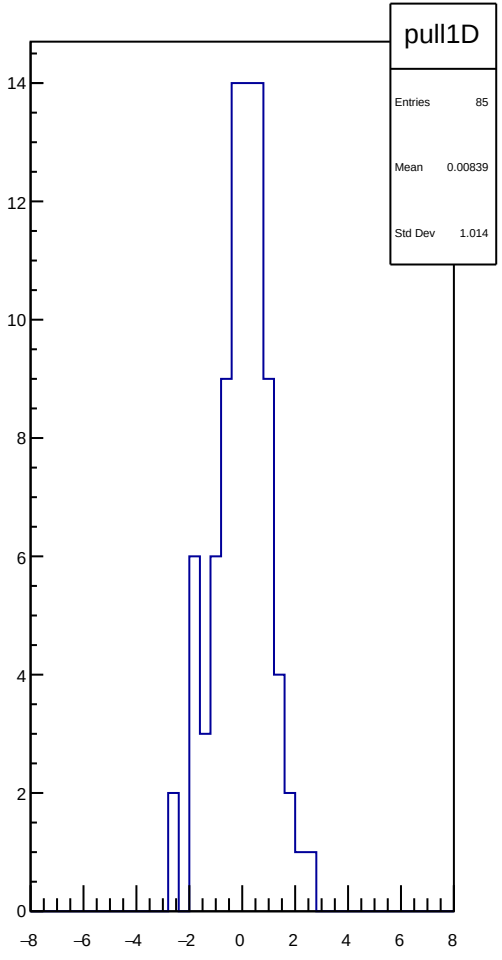

asym_sam_37_26_dd_correction_mean vs run
χ² / ndf 86.95 / 84
p0 −428.8 ± 196.1
pull
Entries 85
Mean 275.2
Std Dev 244
pull1D
Entries 85
Mean 0.007194
Std Dev 1.011

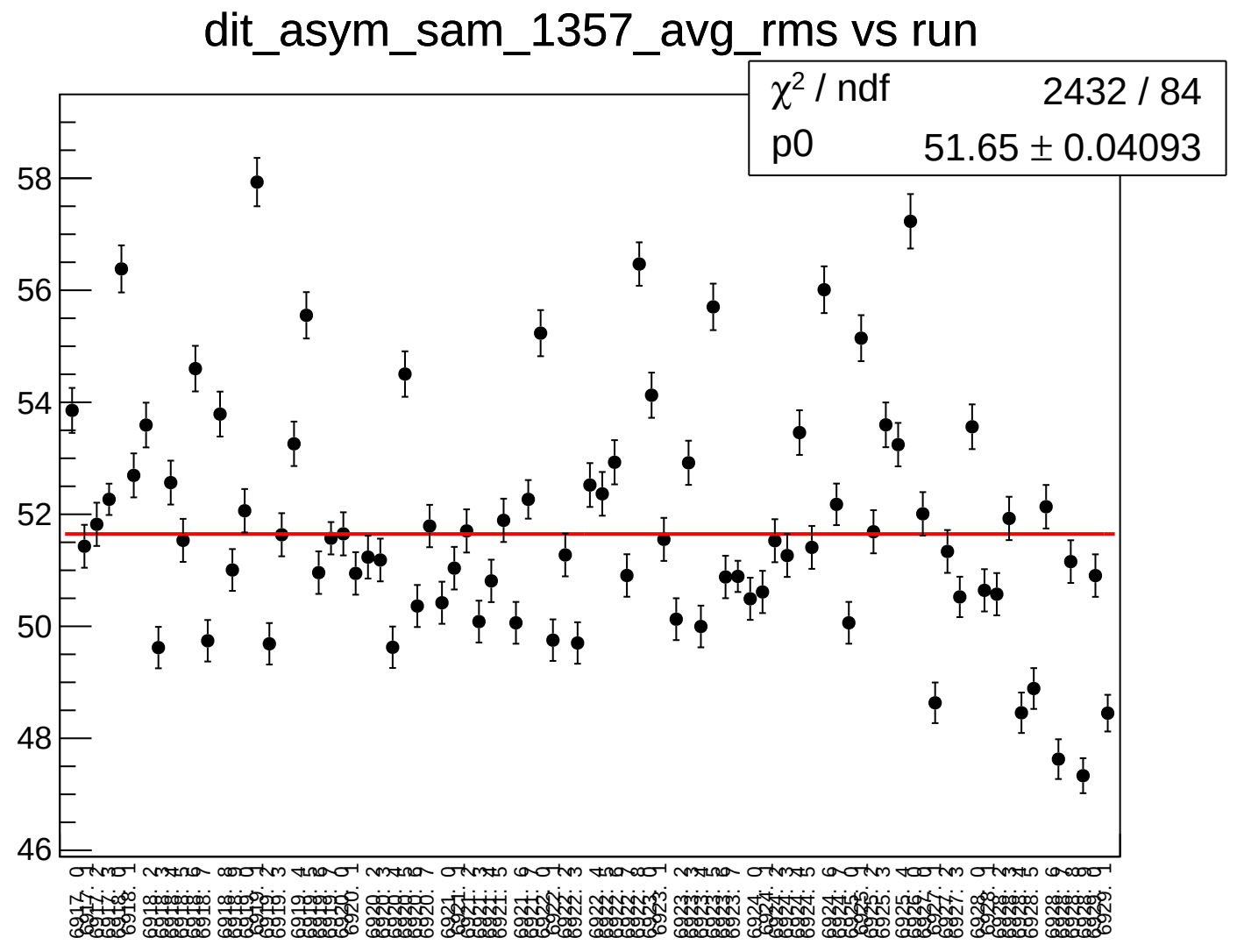

asym_sam_37_26_dd_correction_rms vs run
χ² / ndf 4309 / 84
p0 174.9 ± 0.1386
200
190
180
170
160
150

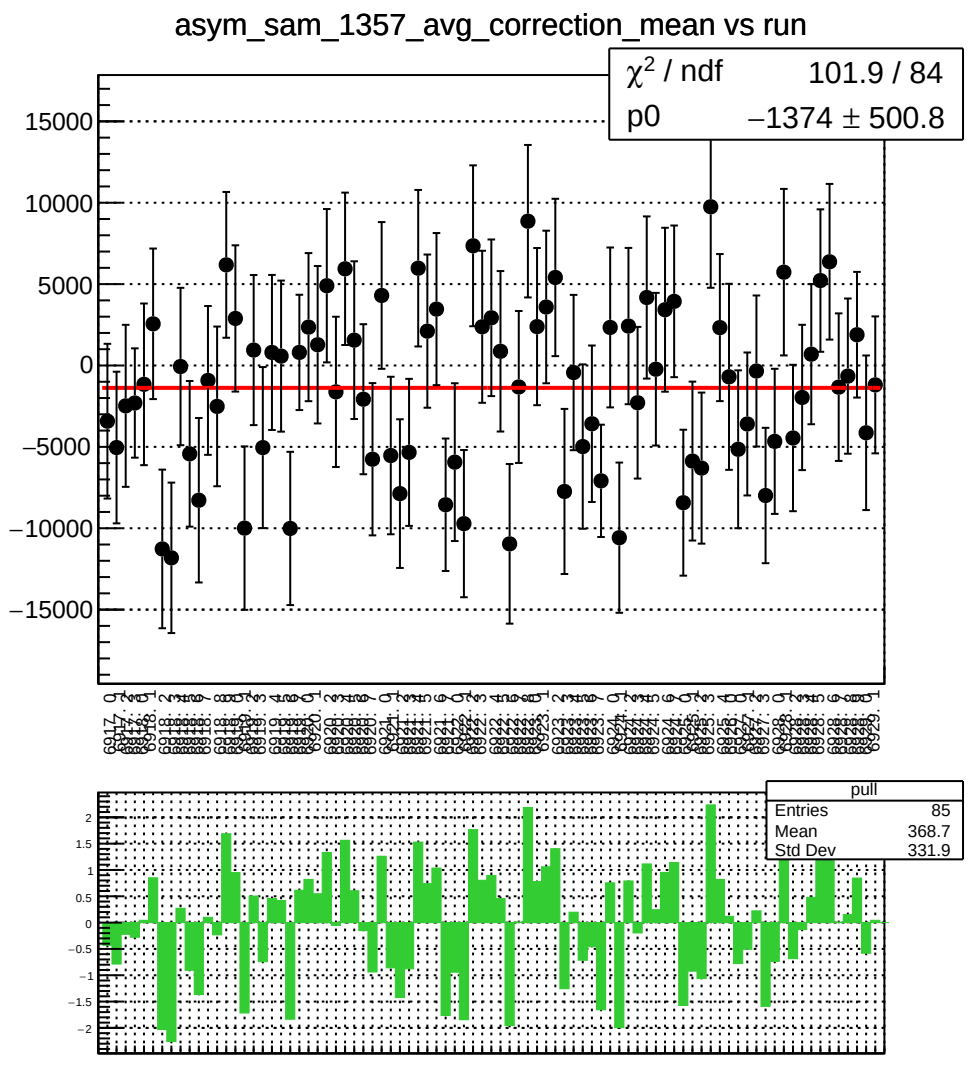

asym_sam_37_26_dd_mean vs run
χ² / ndf 82.45 / 84
p0 307.3 ± 185.3
pull
Entries 85
Mean 164.7
Std Dev 147.7
pull1D
Entries 85
Mean −0.008169
Std Dev 0.9849

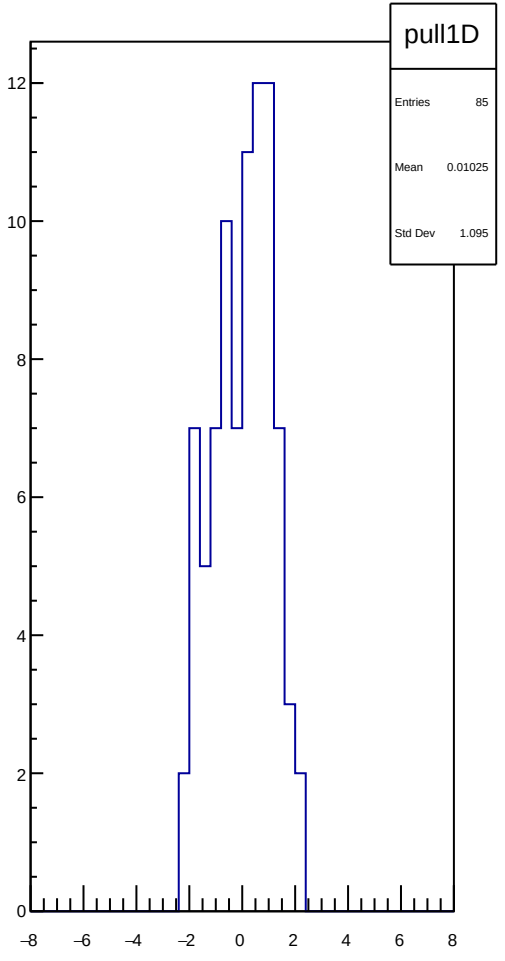

asym_sam_37_26_dd_rms vs run
χ² / ndf 4820 / 84
p0 165.2 ± 0.1311
200
190
180
170
160
150
140

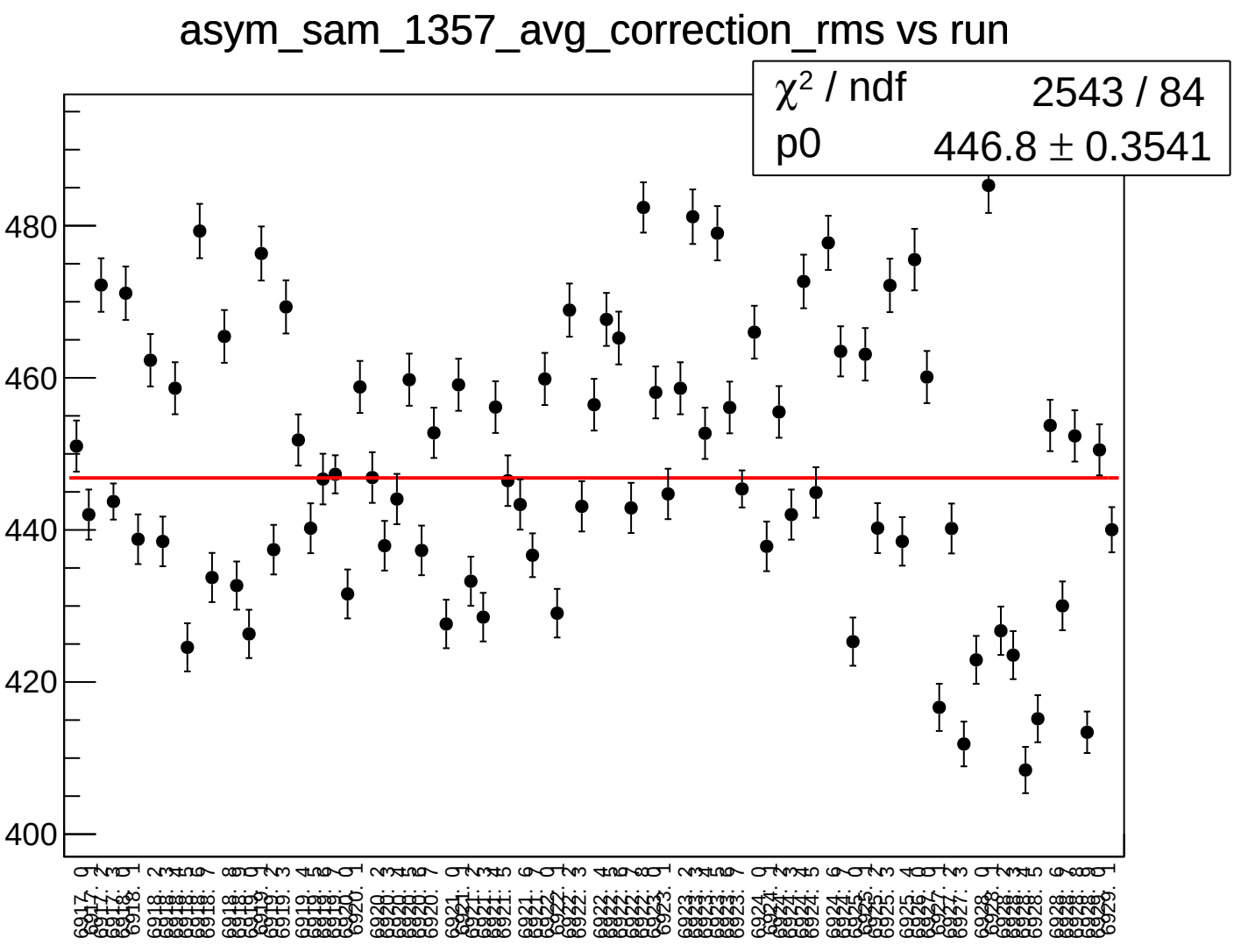

dit_asym_sam_1357_avg_mean vs run
χ² / ndf 87.44 / 84
p0 26.3 ± 57.89
pull
Entries 85
Mean −8.73
Std Dev 40.44

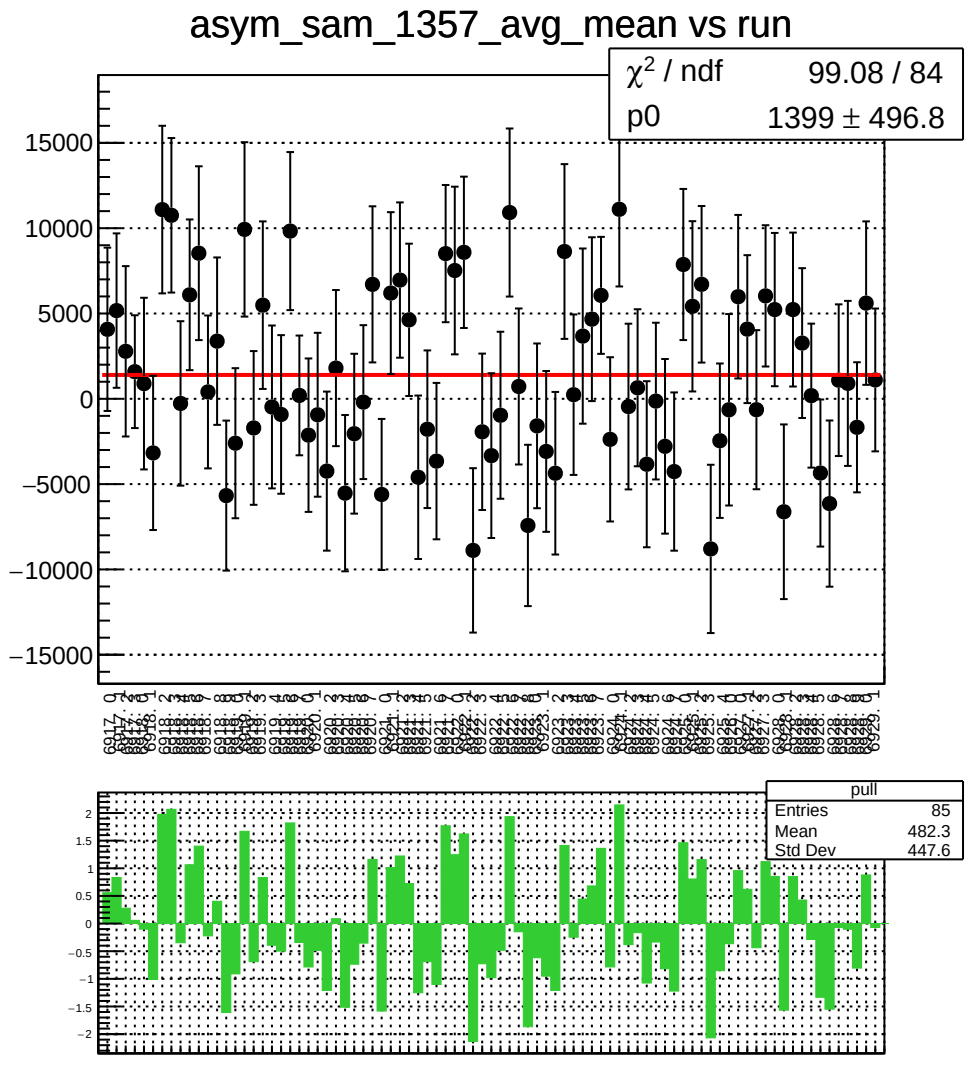

pull1D
Entries 85
Mean 0.00839
Std Dev 1.014

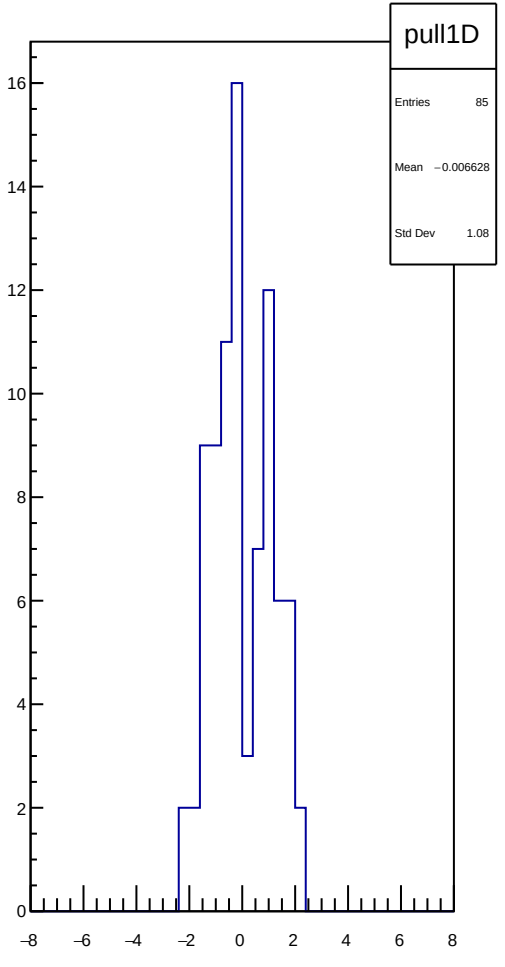

dit_asym_sam_1357_avg_rms vs run
χ² / ndf 2432 / 84
p0 51.65 ± 0.04093
58
56
54
52
50
48
46

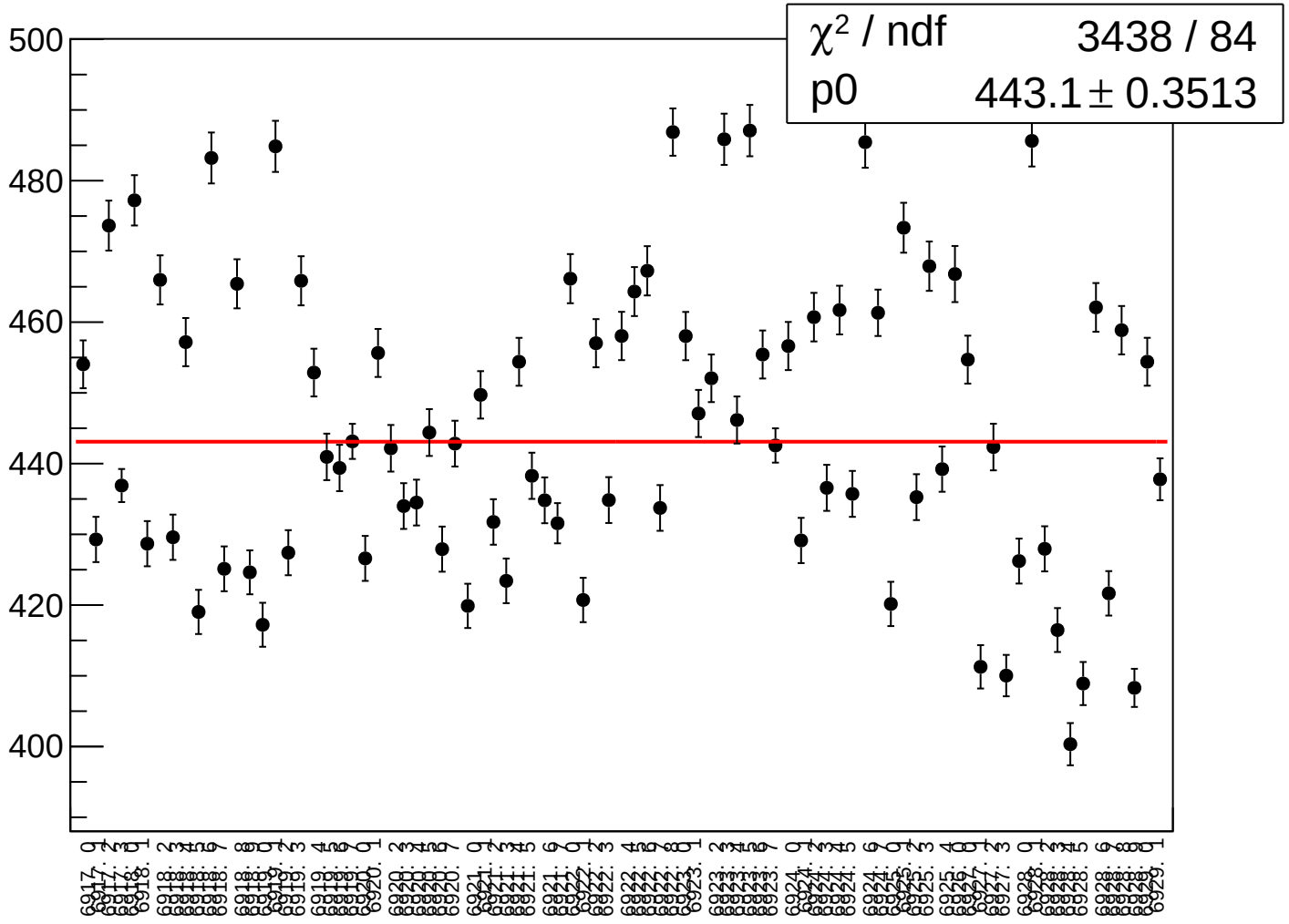

asym_sam_1357_avg_correction_mean vs run
χ² / ndf 101.9 / 84
p0 −1374 ± 500.8
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 368.7
Std Dev 331.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

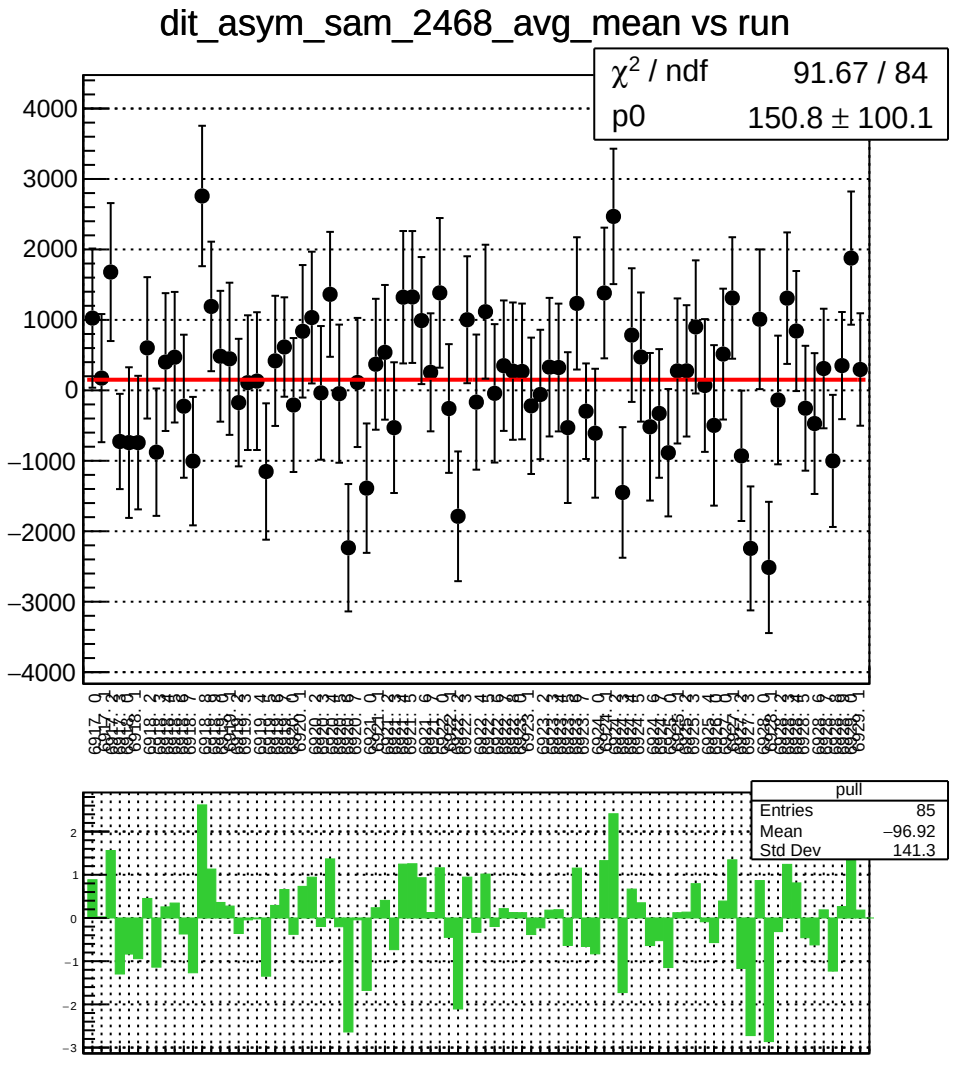

pull1D
Entries 85
Mean 0.01025
Std Dev 1.095
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

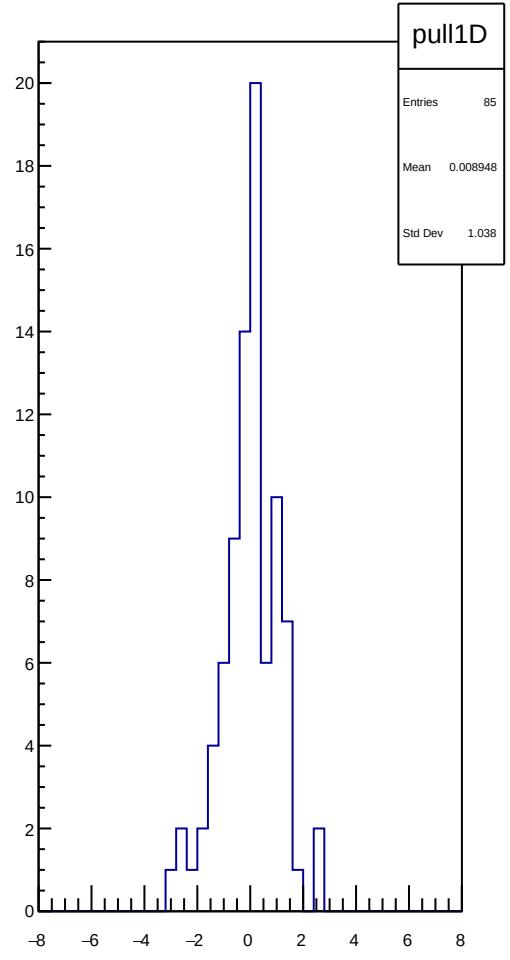

asym_sam_1357_avg_correction_rms vs run
χ² / ndf 2543 / 84
p0 446.8 ± 0.3541
480
460
440
420
400

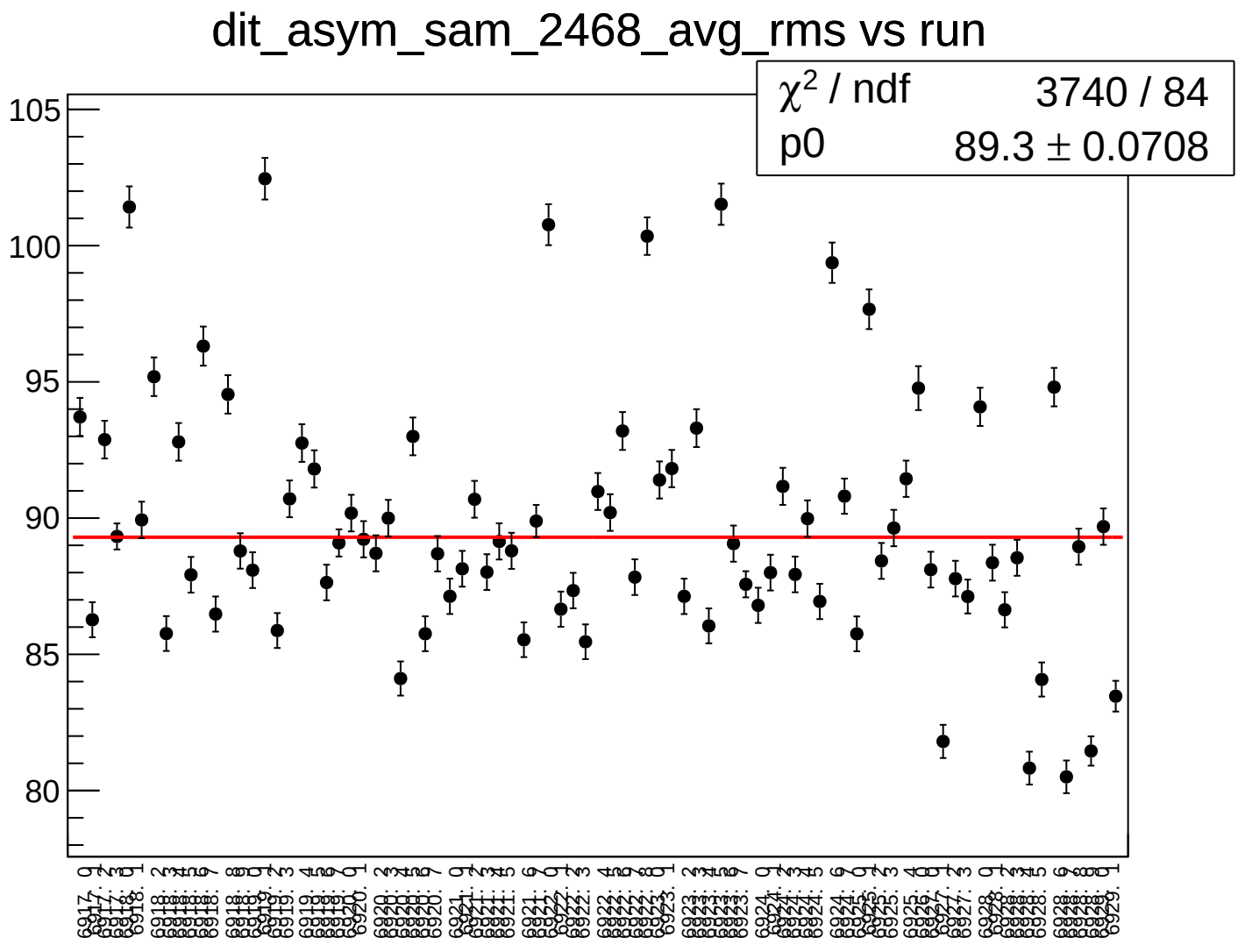

asym_sam_1357_avg_mean vs run
χ² / ndf 99.08 / 84
p0 1399 ± 496.8
pull
Entries 85
Mean 482.3
Std Dev 447.6

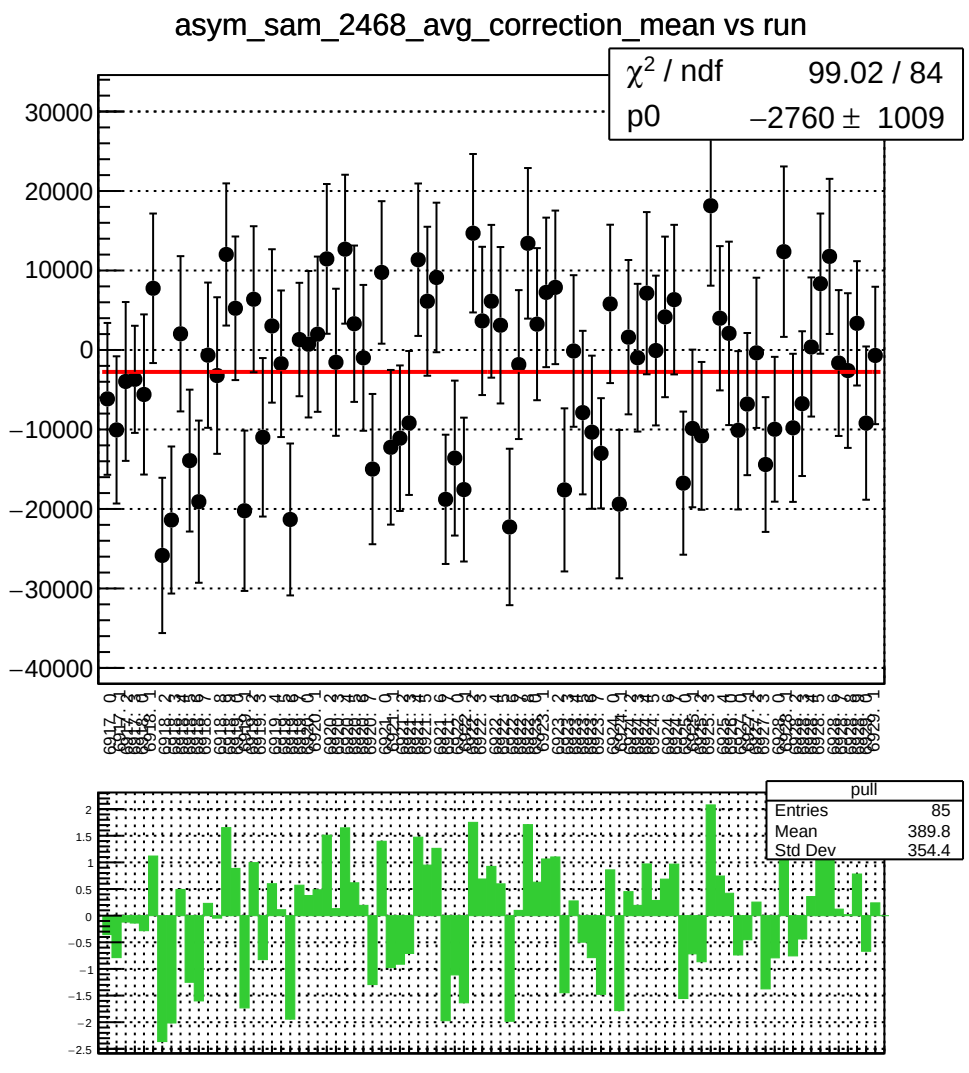

pull1D
Entries 85
Mean −0.006628
Std Dev 1.08

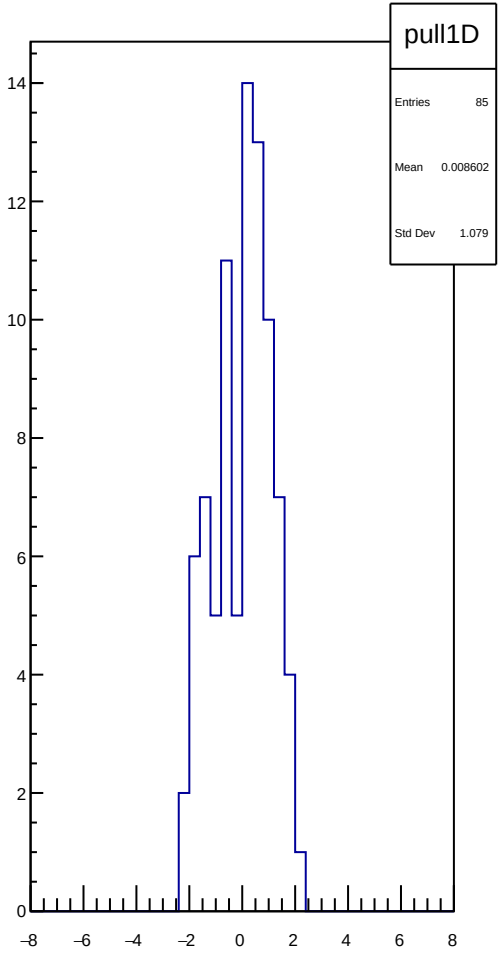

asym_sam_1357_avg_rms vs run
χ² / ndf 3438 / 84
p0 443.1 ± 0.3513
500
480
460
440
420
400

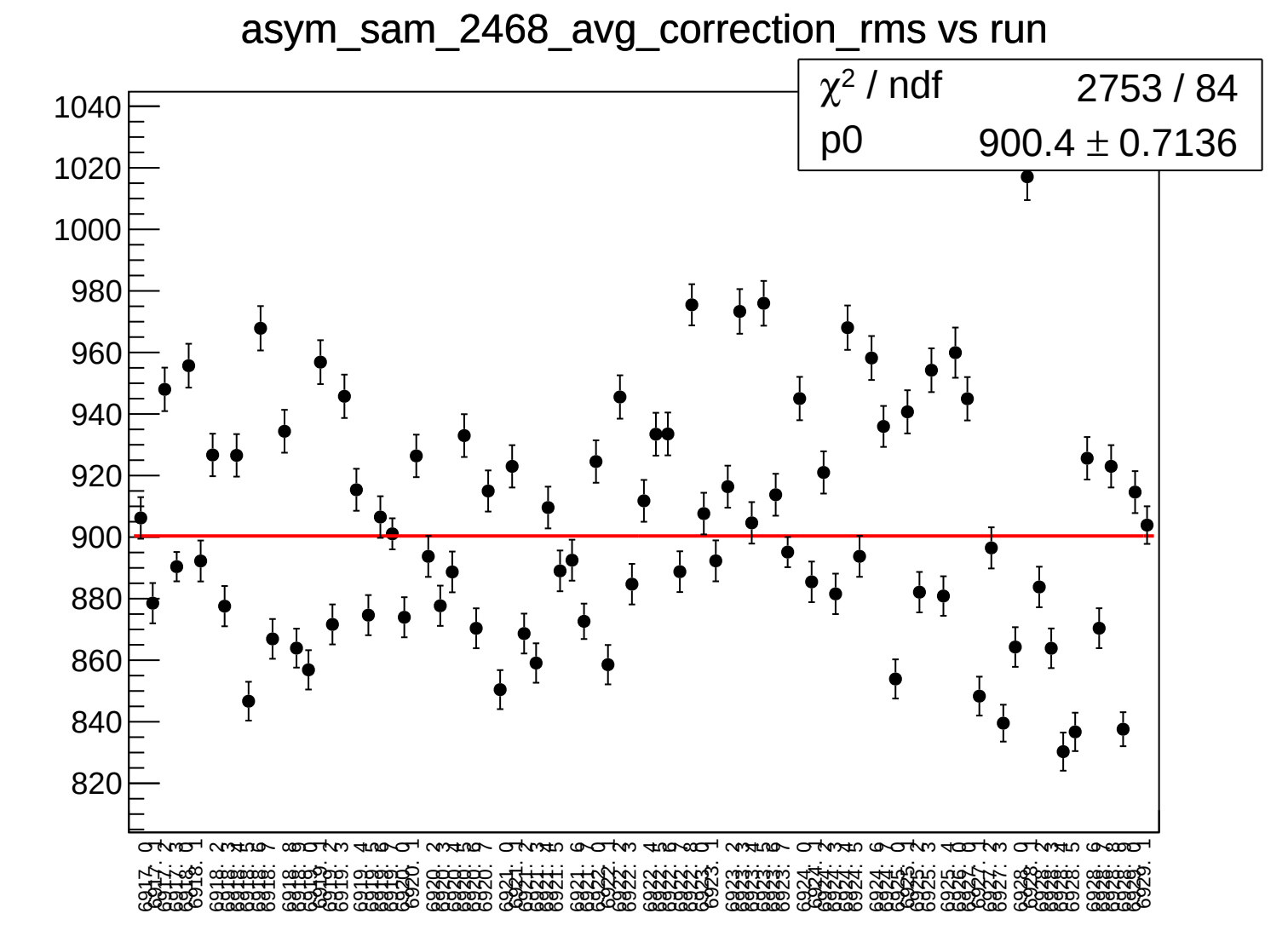

dit_asym_sam_2468_avg_mean vs run
χ² / ndf 91.67 / 84
p0 150.8 ± 100.1
pull
Entries 85
Mean −96.92
Std Dev 141.3

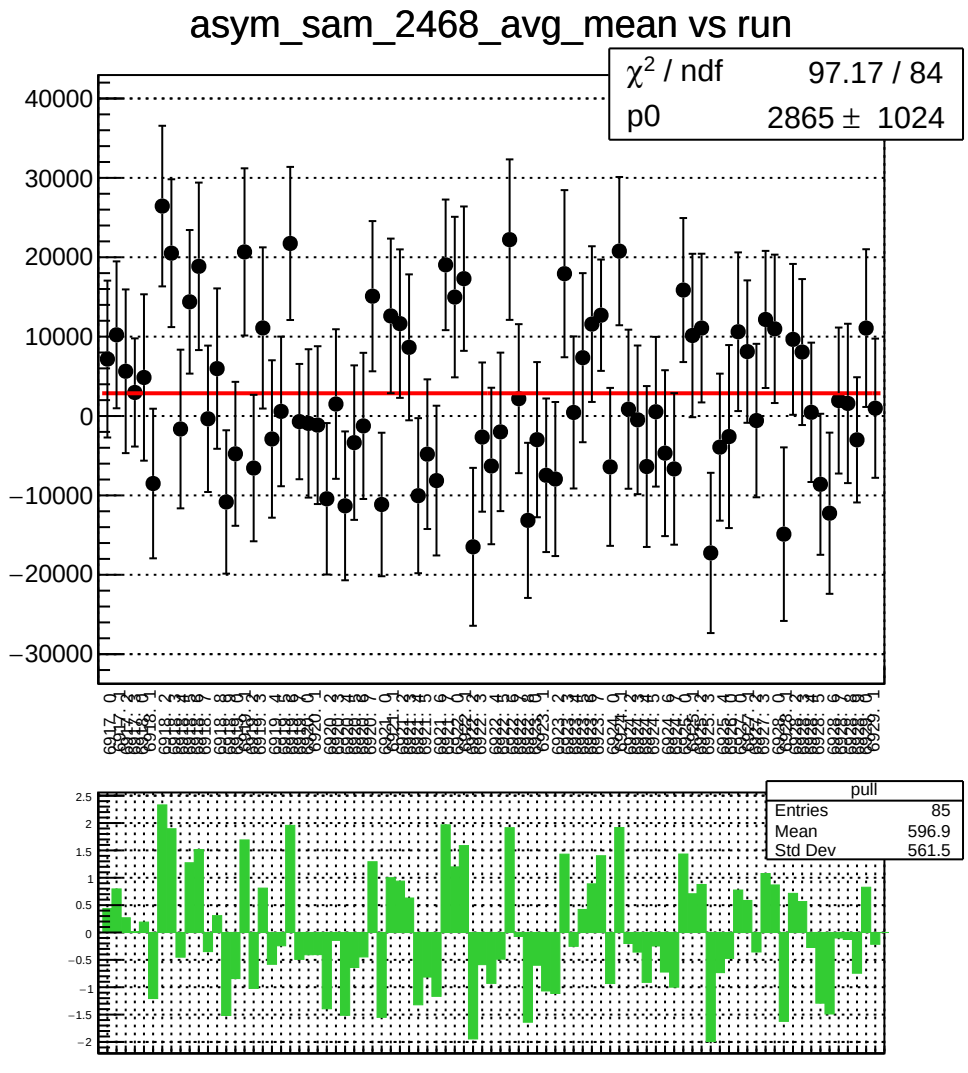

pull1D
Entries 85
Mean 0.008948
Std Dev 1.038

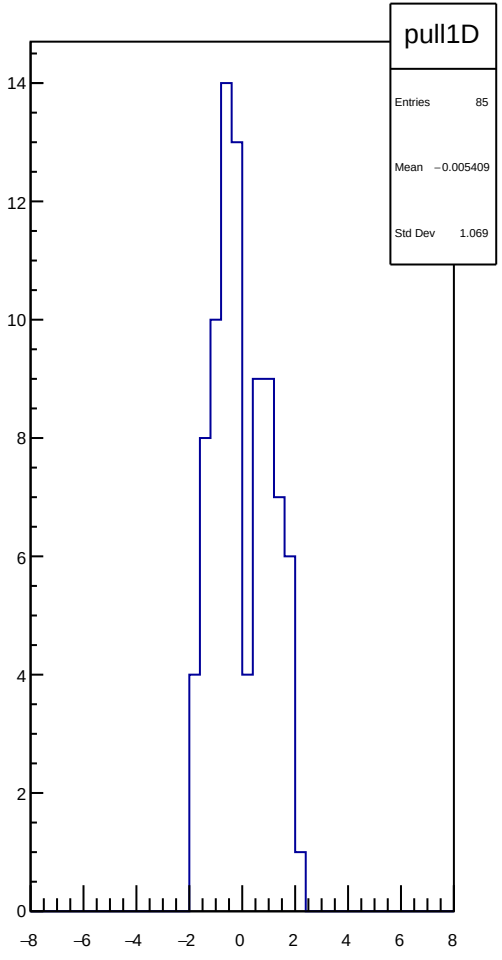

dit_asym_sam_2468_avg_rms vs run
χ² / ndf 3740 / 84
p0 89.3 ± 0.0708
105
100
95
90
85
80

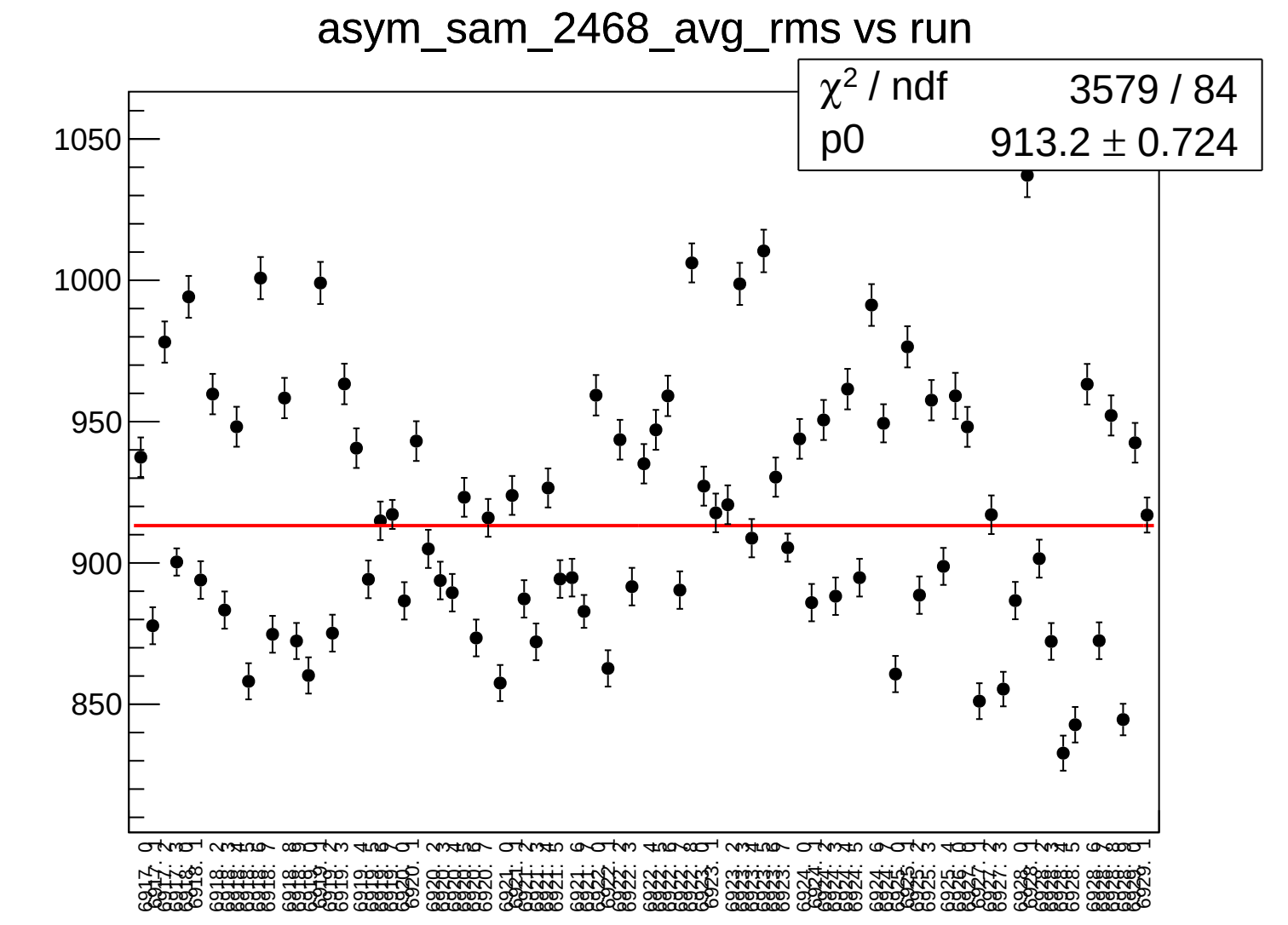

asym_sam_2468_avg_correction_mean vs run
χ² / ndf 99.02 / 84
p0 −2760 ± 1009
pull
Entries 85
Mean 389.8
Std Dev 354.4

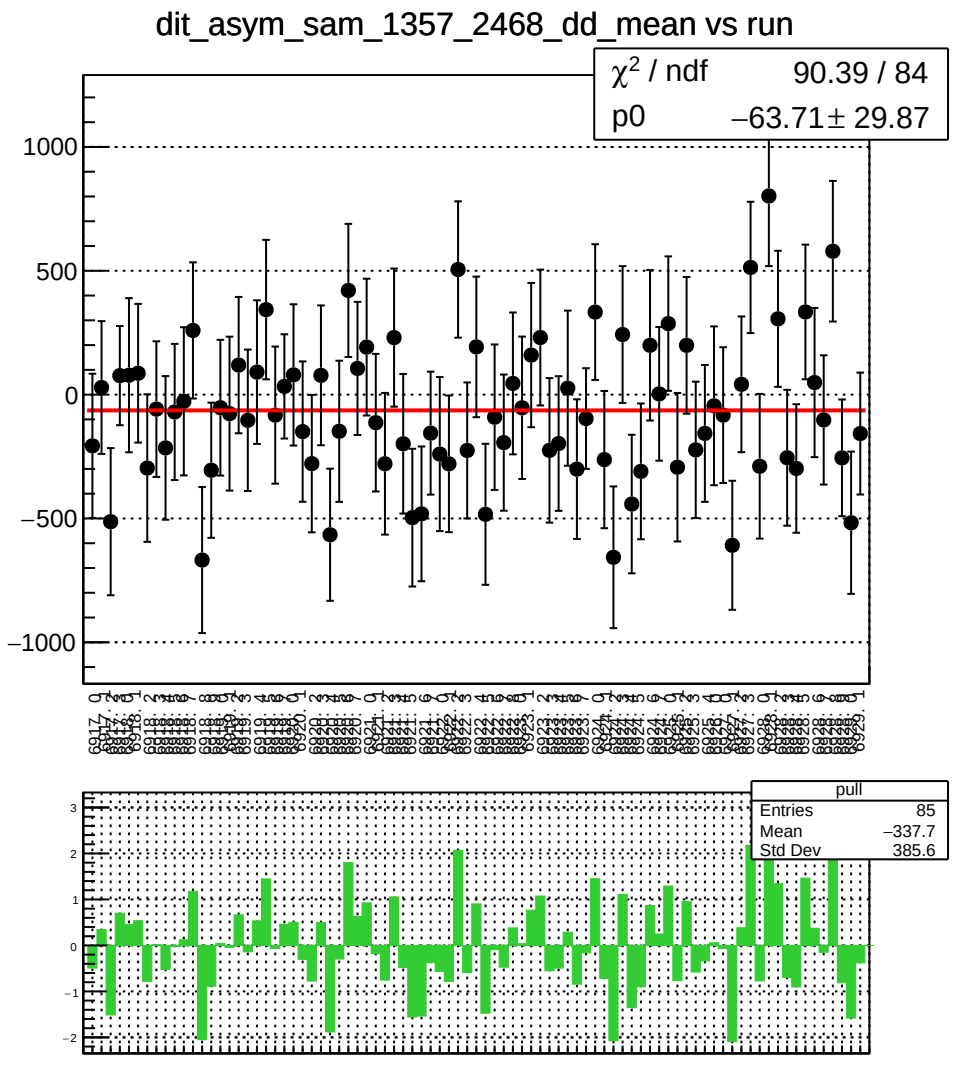

pull1D
Entries 85
Mean 0.008602
Std Dev 1.079

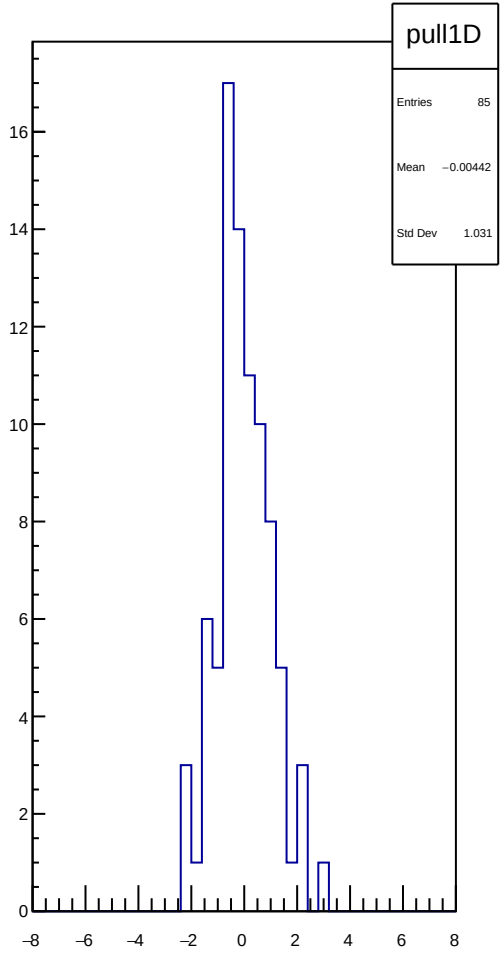

asym_sam_2468_avg_correction_rms vs run
χ² / ndf 2753 / 84
p0 900.4 ± 0.7136
1040
1020
1000
980
960
940
920
900
880
860
840
820

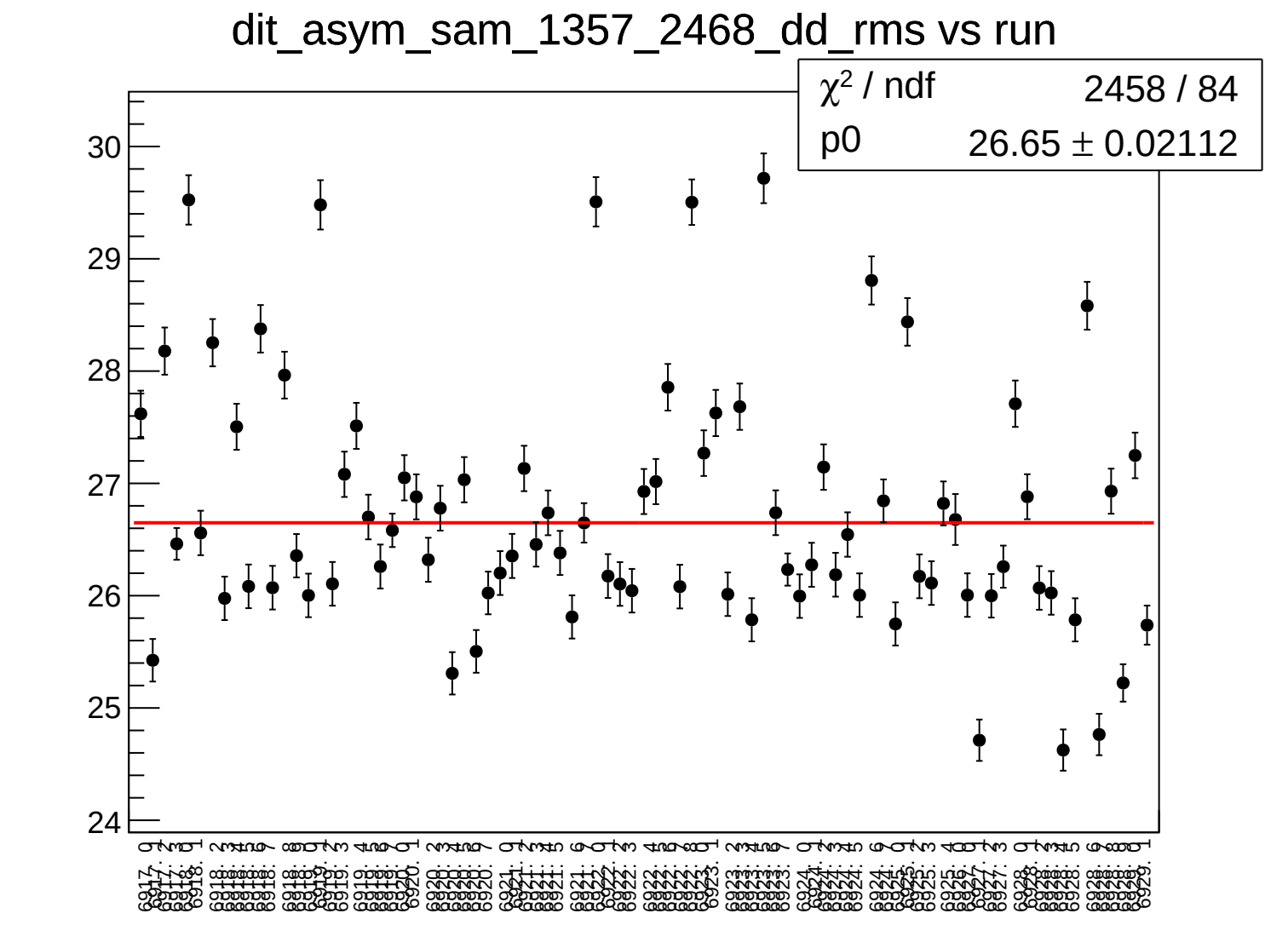

asym_sam_2468_avg_mean vs run
χ² / ndf 97.17 / 84
p0 2865 ± 1024
pull
Entries 85
Mean 596.9
Std Dev 561.5

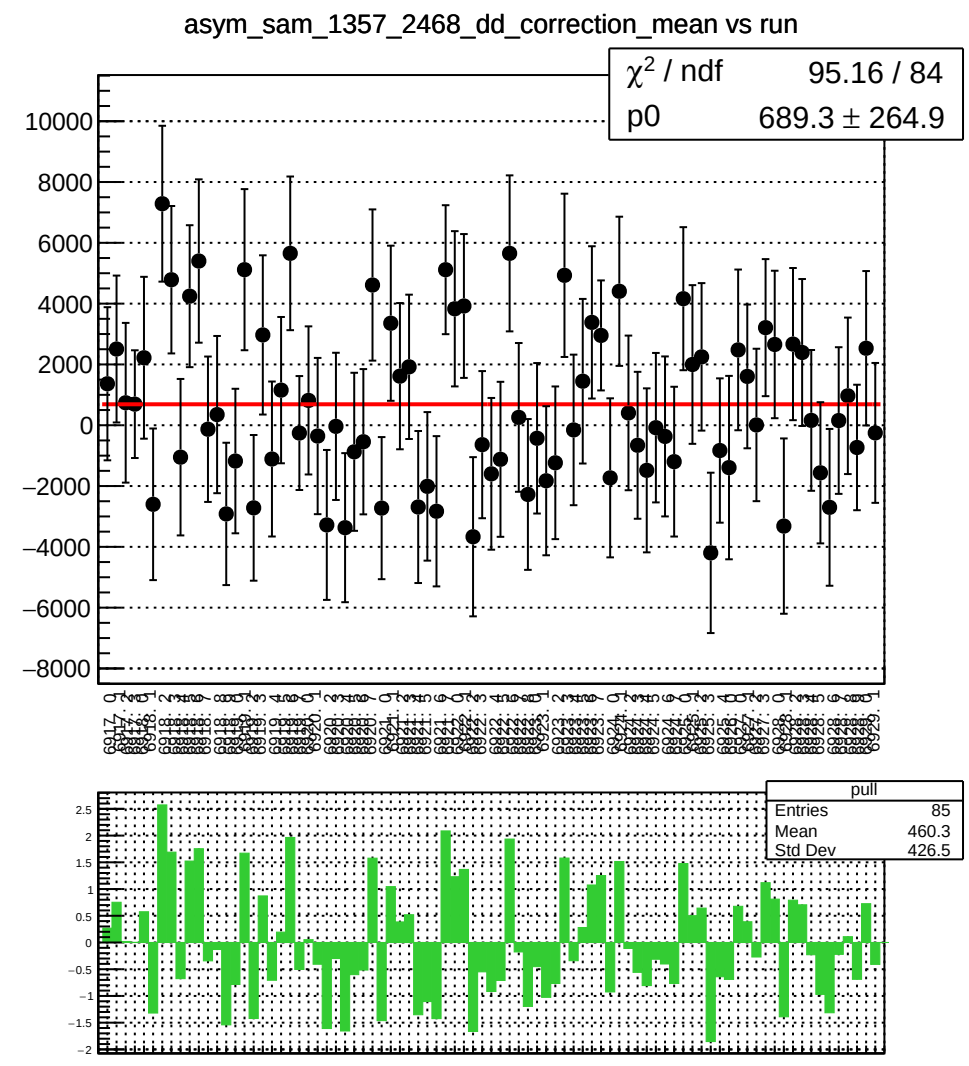

pull1D
Entries 85
Mean −0.005409
Std Dev 1.069

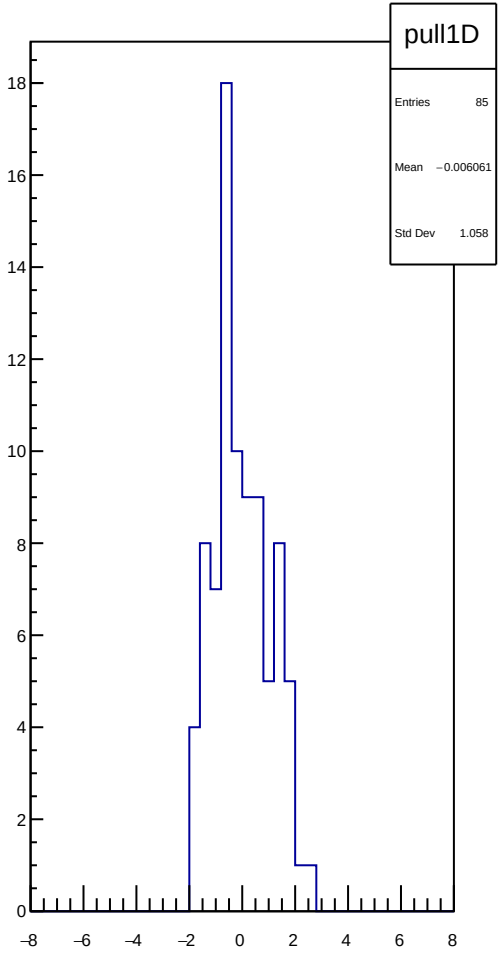

asym_sam_2468_avg_rms vs run
χ² / ndf 3579 / 84
p0 913.2 ± 0.724
1050
1000
950
900
850

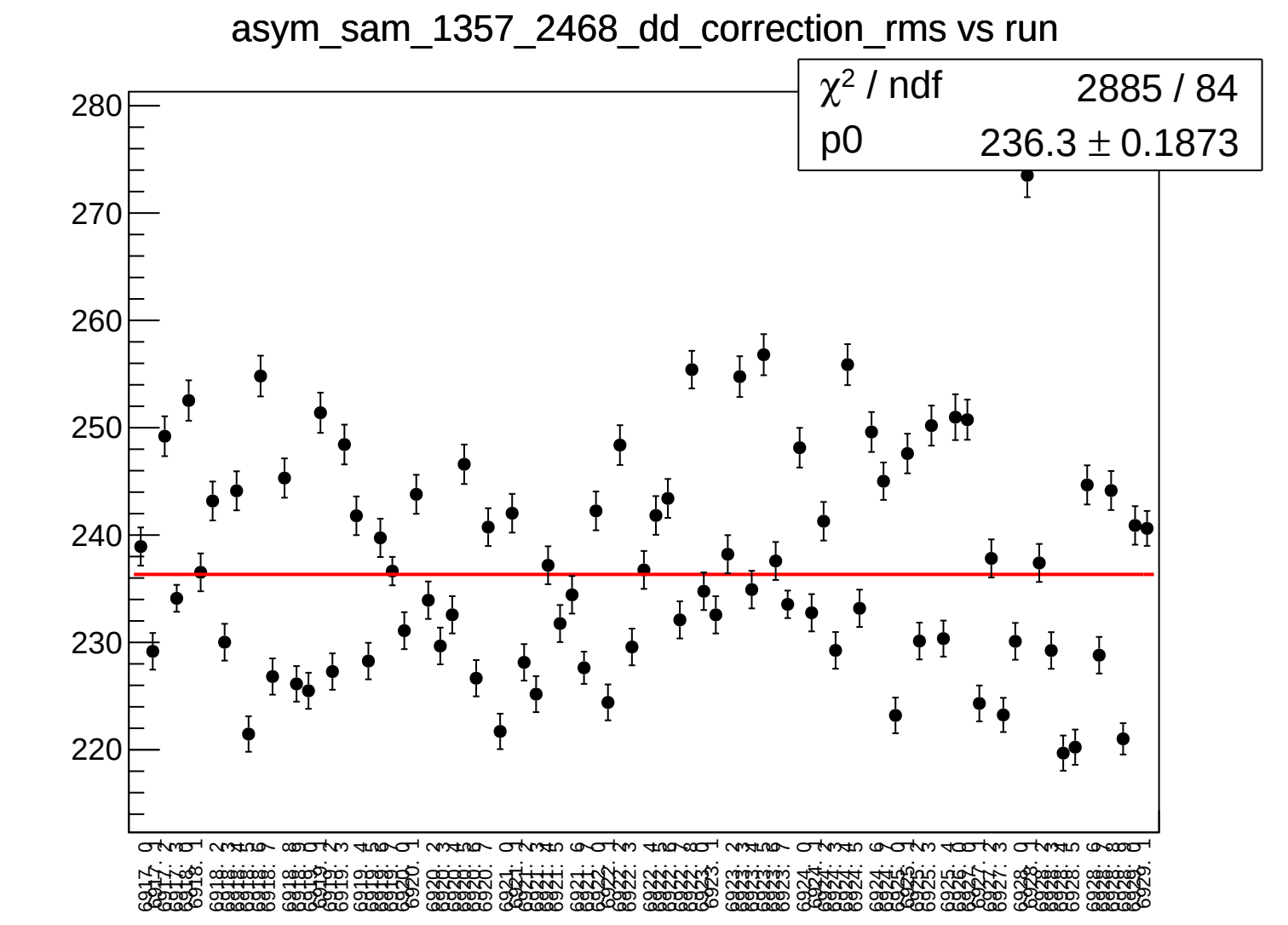

dit_asym_sam_1357_2468_dd_mean vs run
χ² / ndf 90.39 / 84
p0 −63.71 ± 29.87
1000
500
0
−500
−1000
pull
Entries 85
Mean −337.7
Std Dev 385.6
3
2
1
0
−1
−2

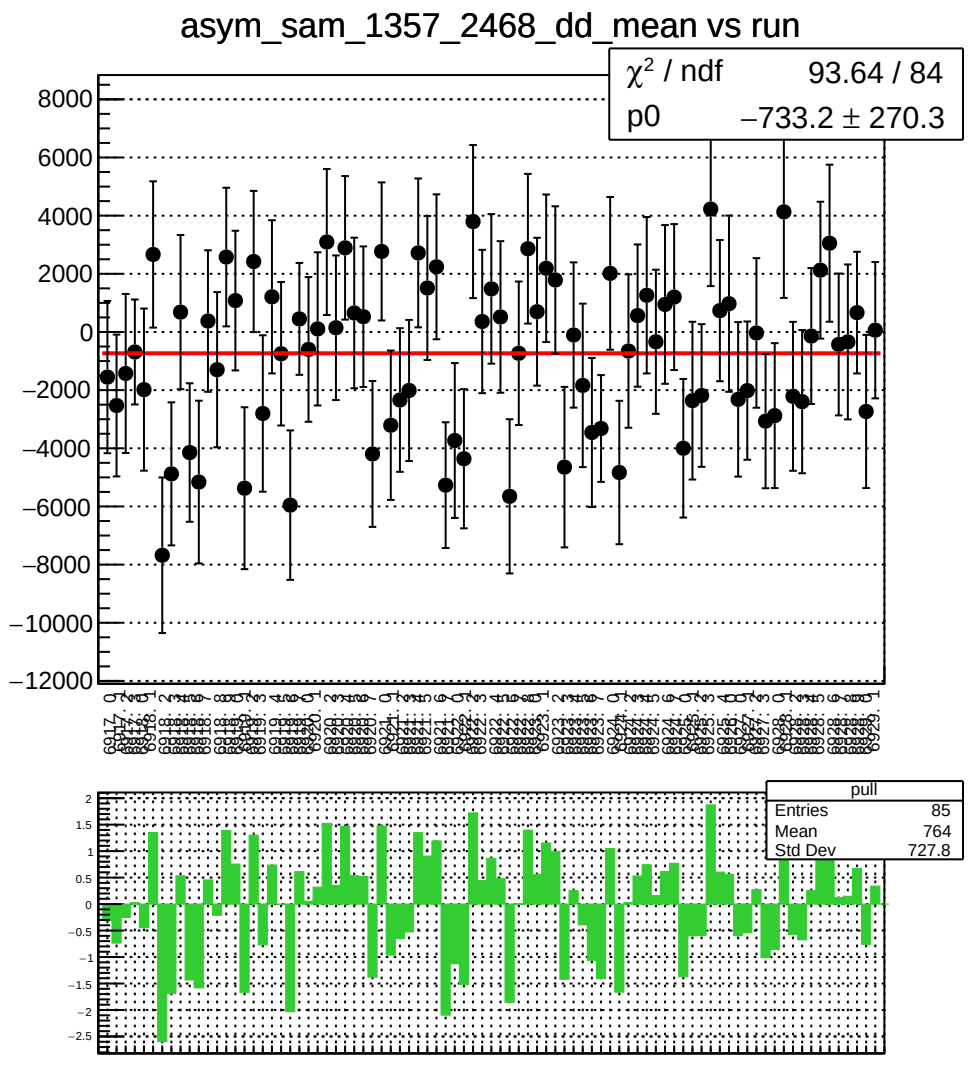

pull1D
Entries 85
Mean −0.00442
Std Dev 1.031
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

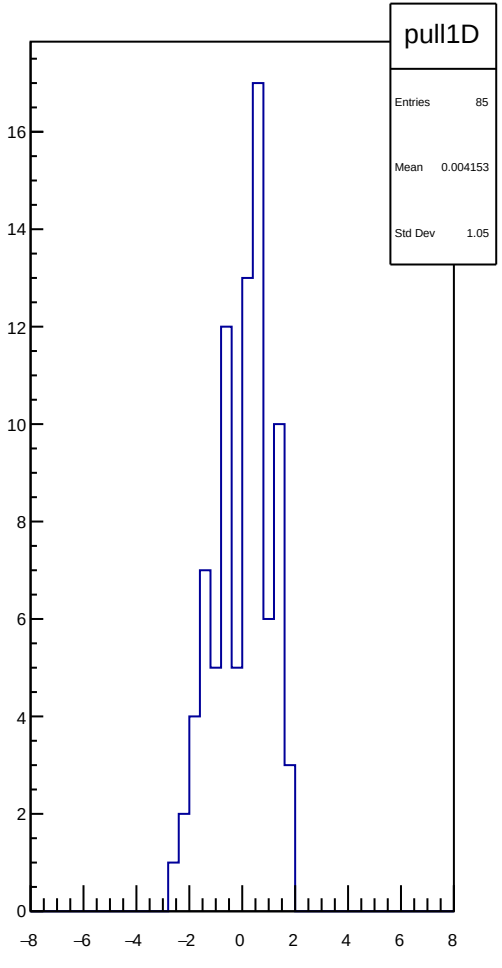

dit_asym_sam_1357_2468_dd_rms vs run
χ² / ndf 2458 / 84
p0 26.65 ± 0.02112
30
29
28
27
26
25
24

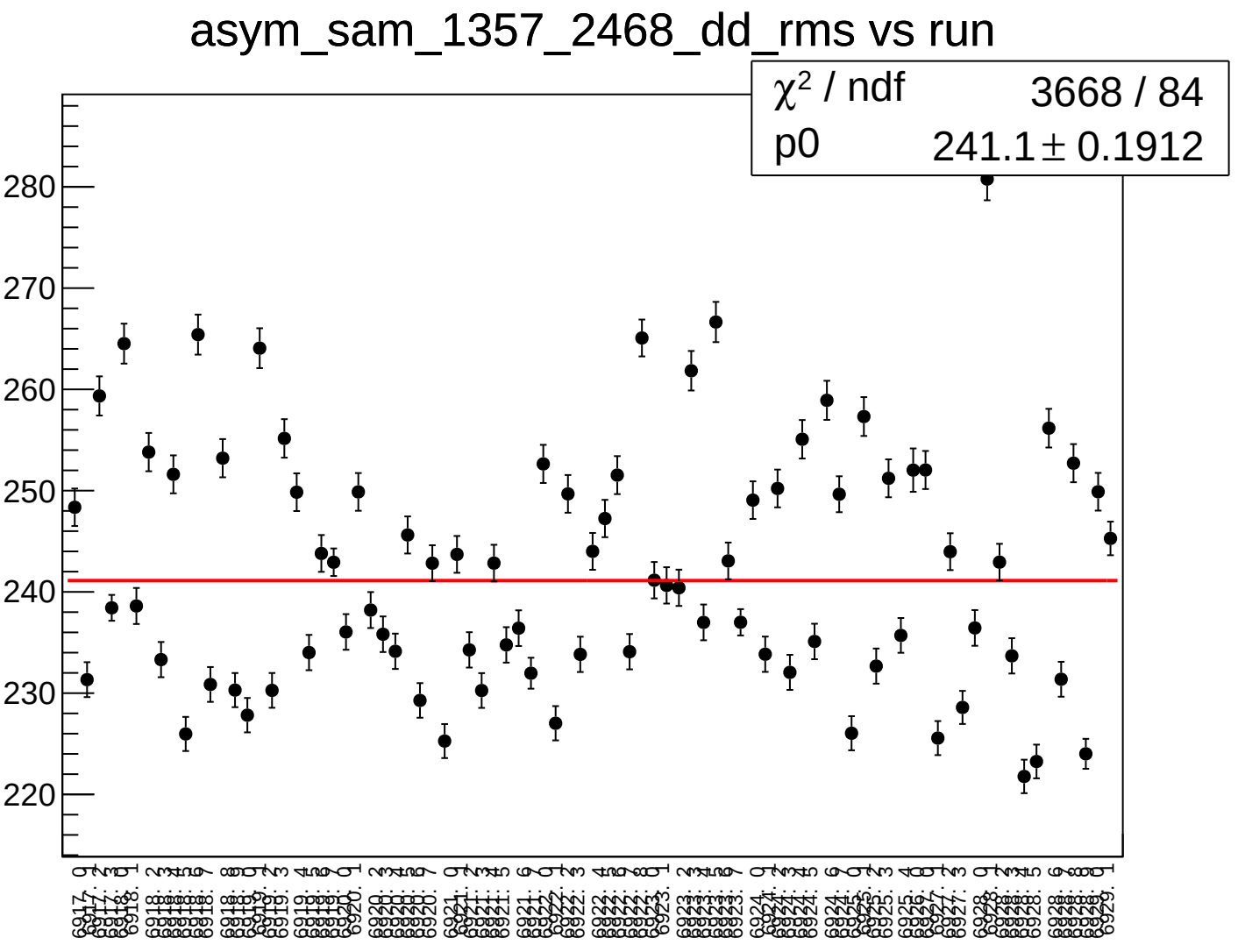

asym_sam_1357_2468_dd_correction_mean vs run
χ² / ndf 95.16 / 84
p0 689.3 ± 264.9
pull
Entries 85
Mean 460.3
Std Dev 426.5

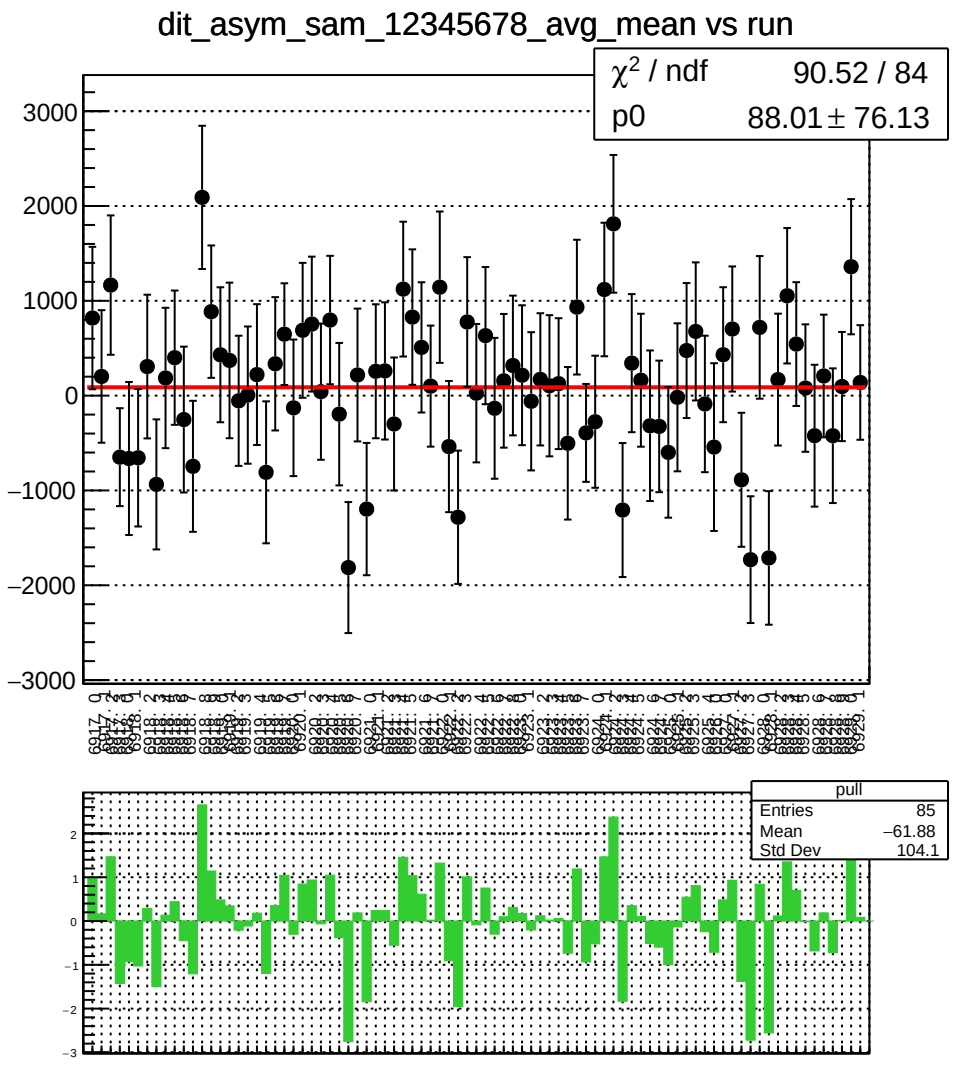

pull1D
Entries 85
Mean −0.006061
Std Dev 1.058

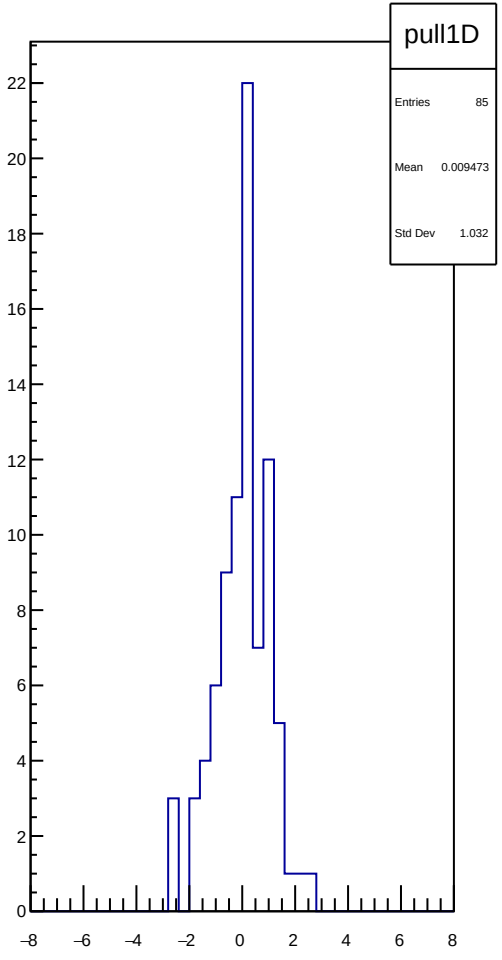

asym_sam_1357_2468_dd_correction_rms vs run
χ² / ndf 2885 / 84
p0 236.3 ± 0.1873
280
270
260
250
240
230
220

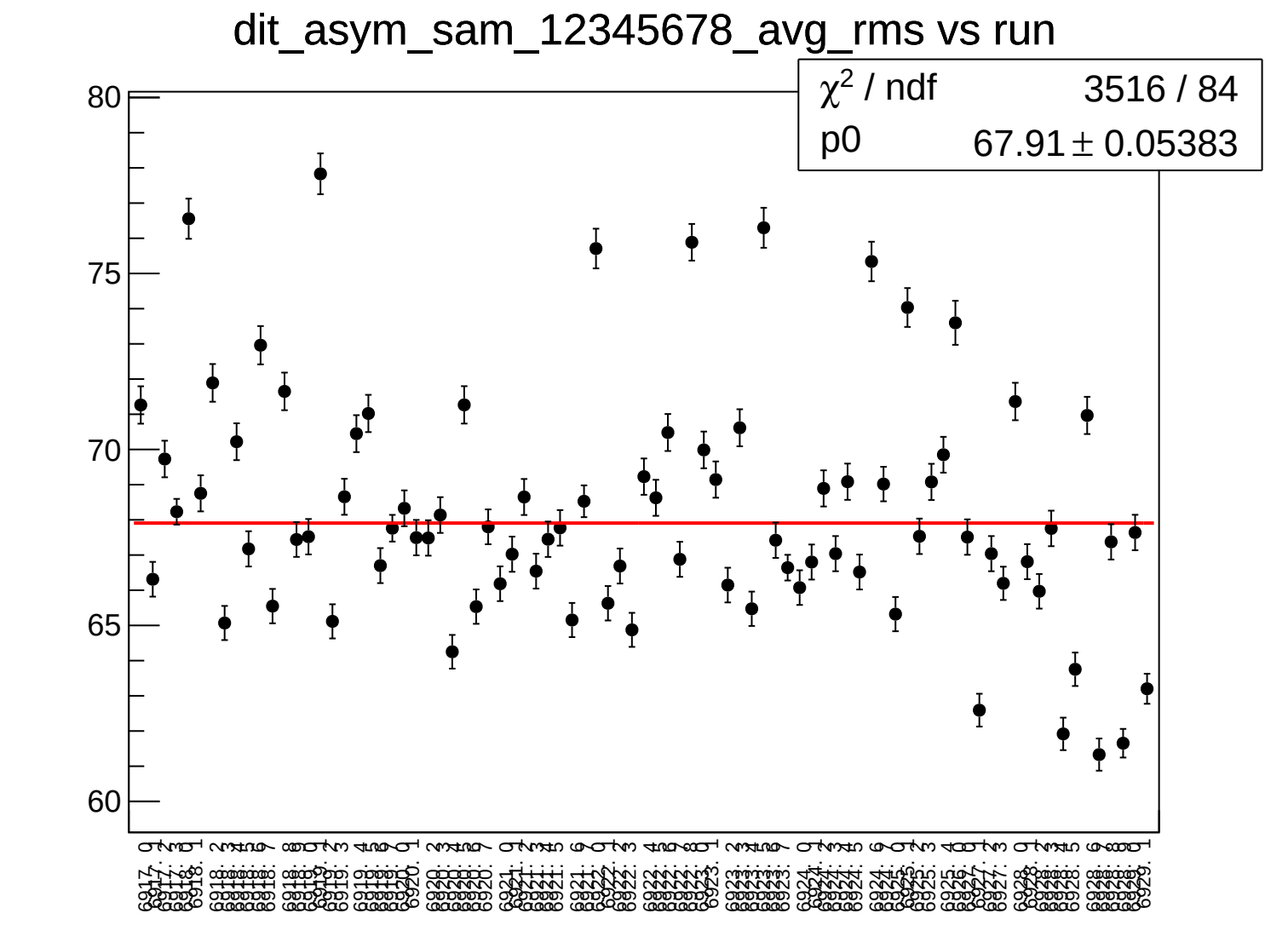

asym_sam_1357_2468_dd_mean vs run
χ² / ndf 93.64 / 84
p0 −733.2 ± 270.3
pull
Entries 85
Mean 764
Std Dev 727.8

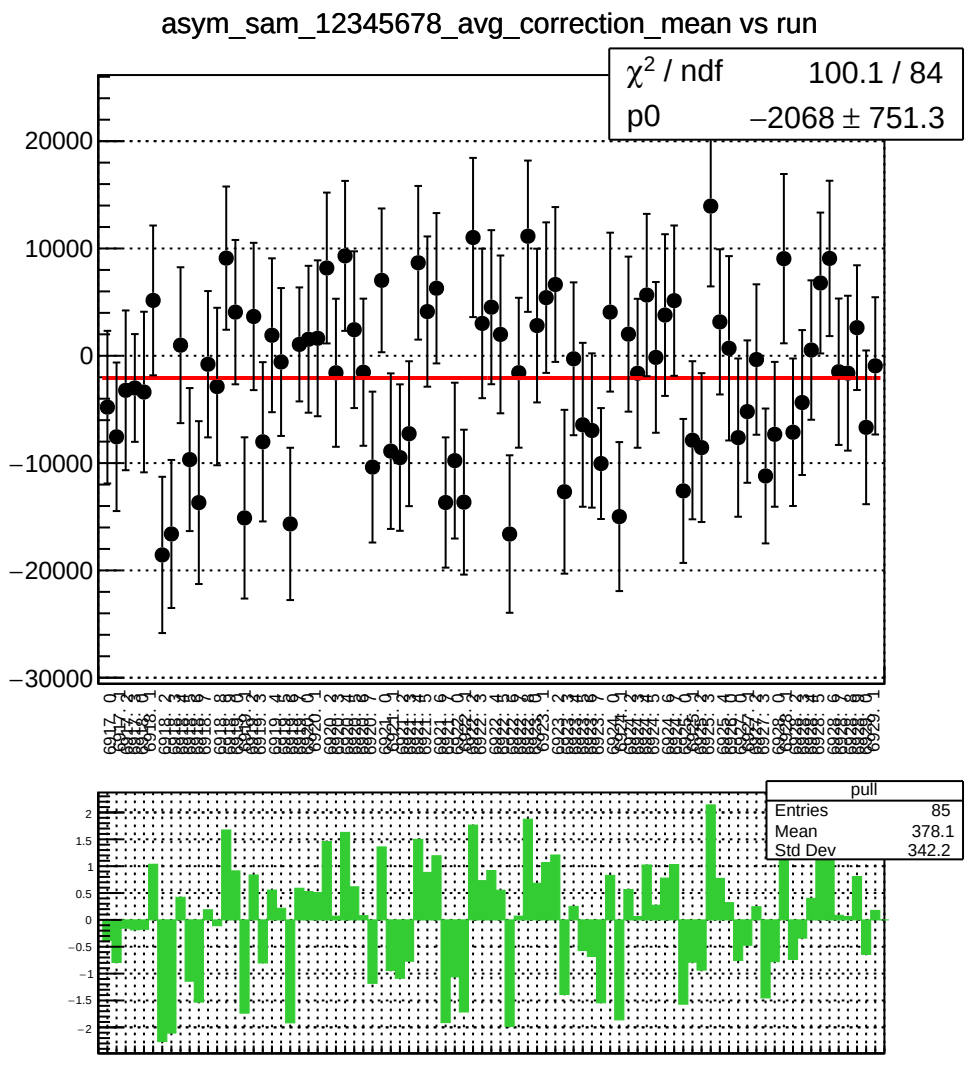

pull1D
Entries 85
Mean 0.004153
Std Dev 1.05

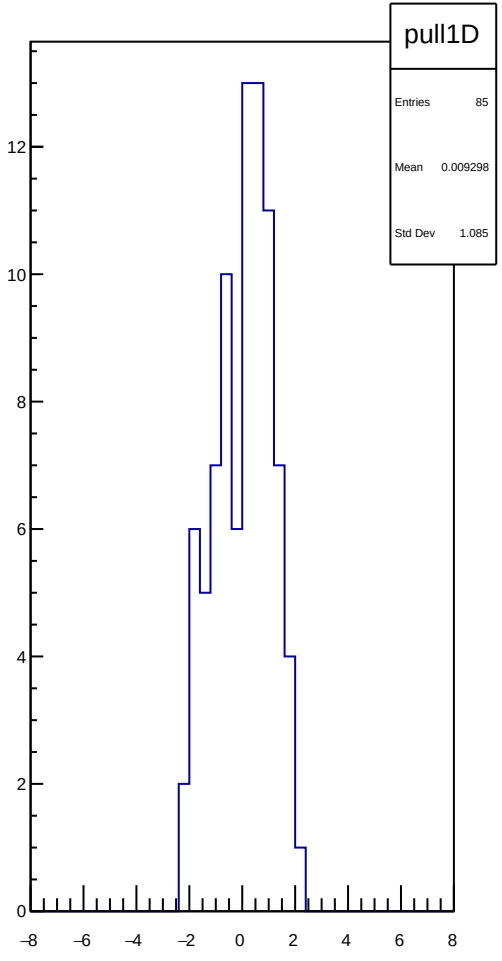

asym_sam_1357_2468_dd_rms vs run
χ² / ndf 3668 / 84
p0 241.1 ± 0.1912
280
270
260
250
240
230
220

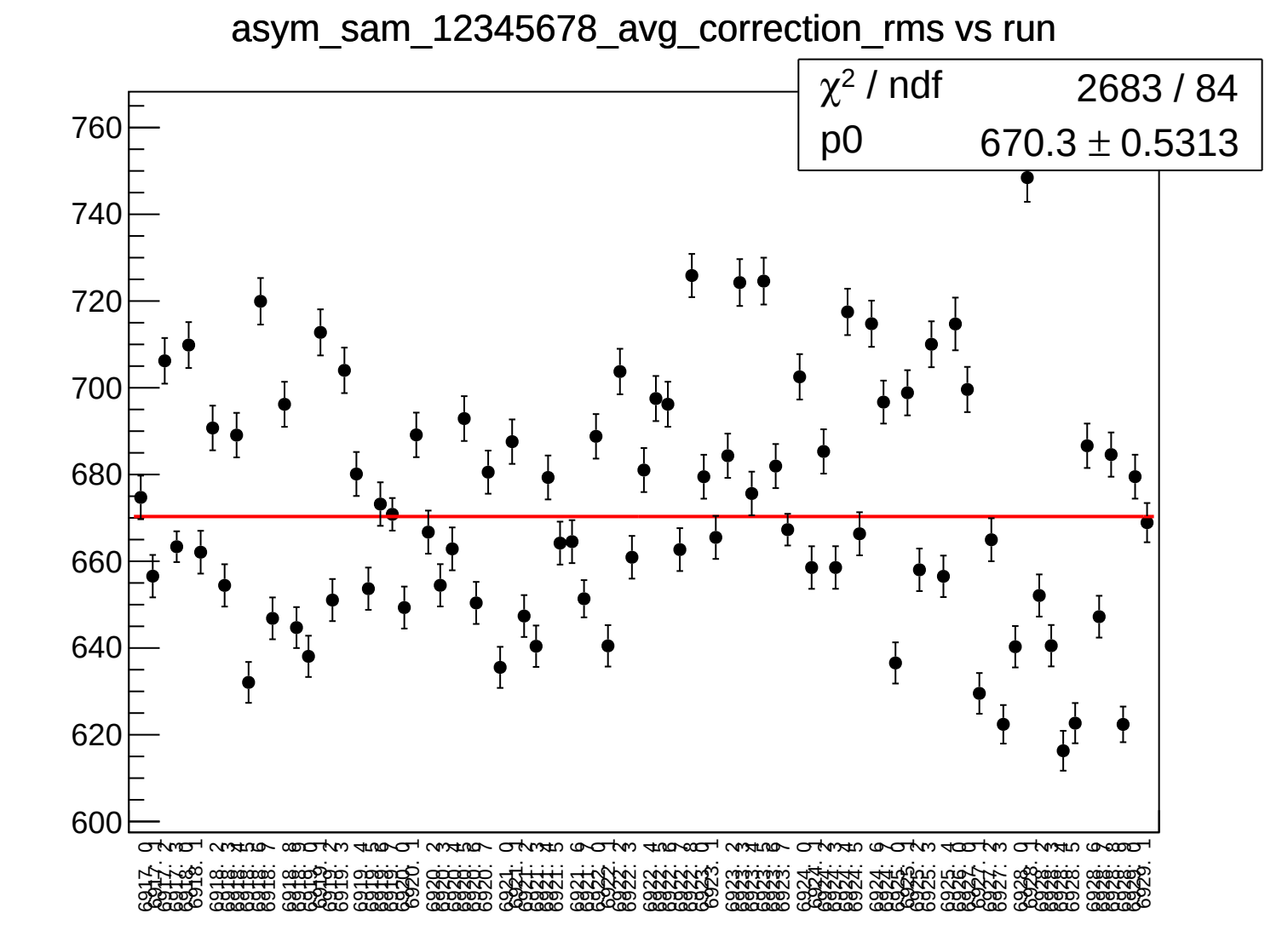

dit_asym_sam_12345678_avg_mean vs run
χ² / ndf 90.52 / 84
p0 88.01 ± 76.13
pull
Entries 85
Mean −61.88
Std Dev 104.1

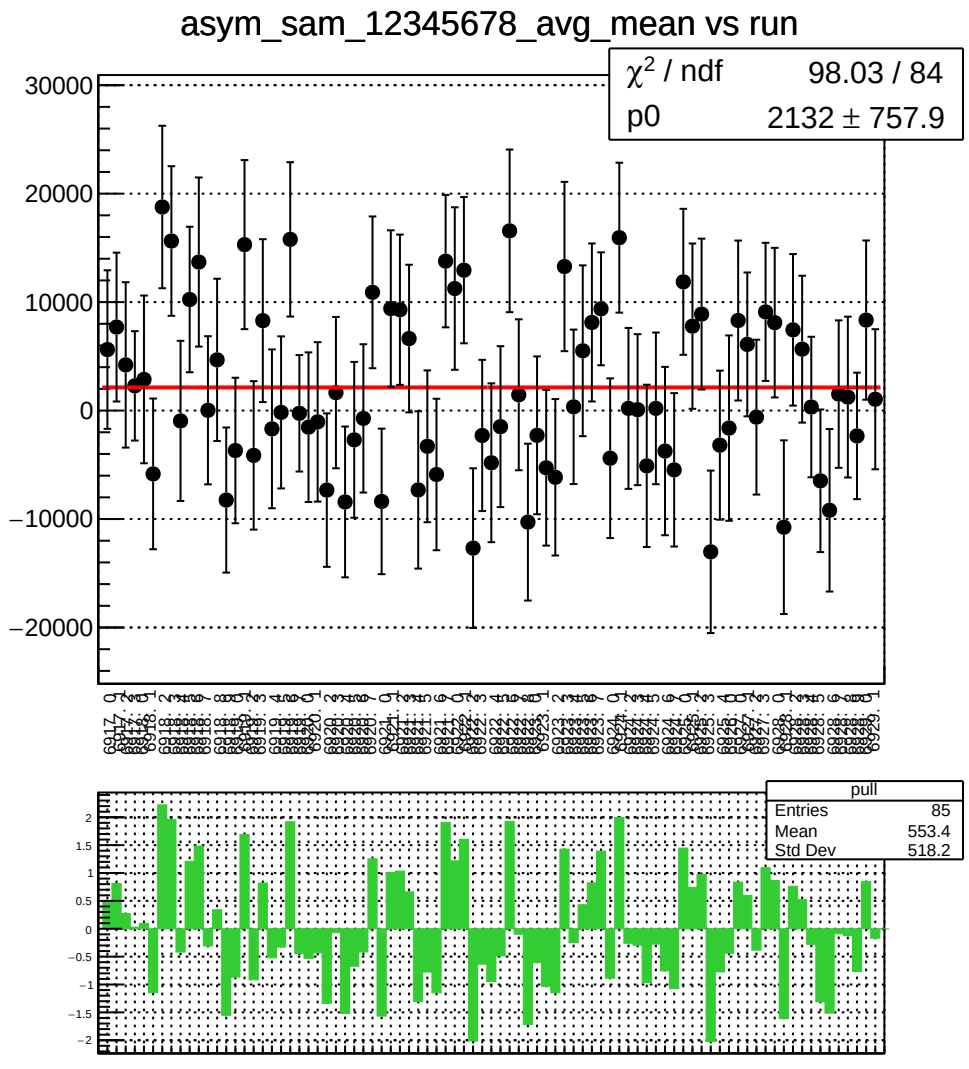

pull1D
Entries 85
Mean 0.009473
Std Dev 1.032

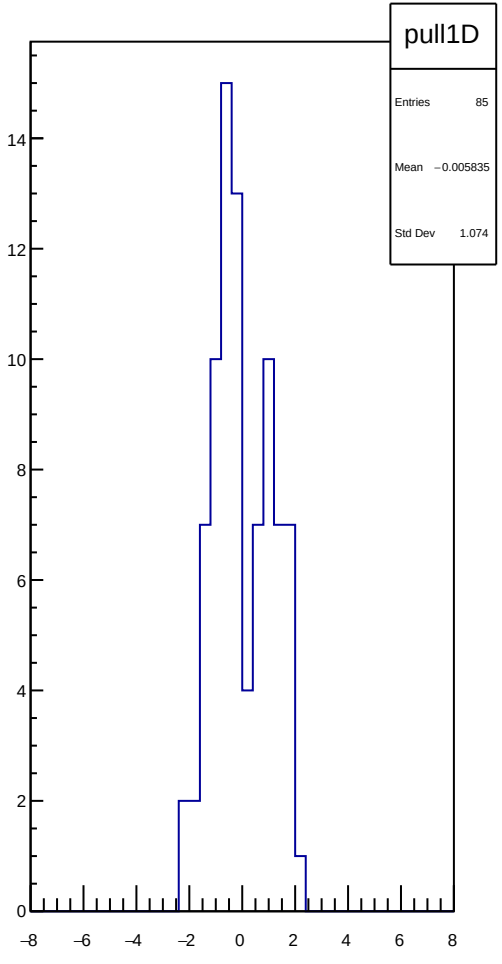

dit_asym_sam_12345678_avg_rms vs run
χ^2 / ndf 3516 / 84
p0 67.91 ± 0.05383
80
75
70
65
60

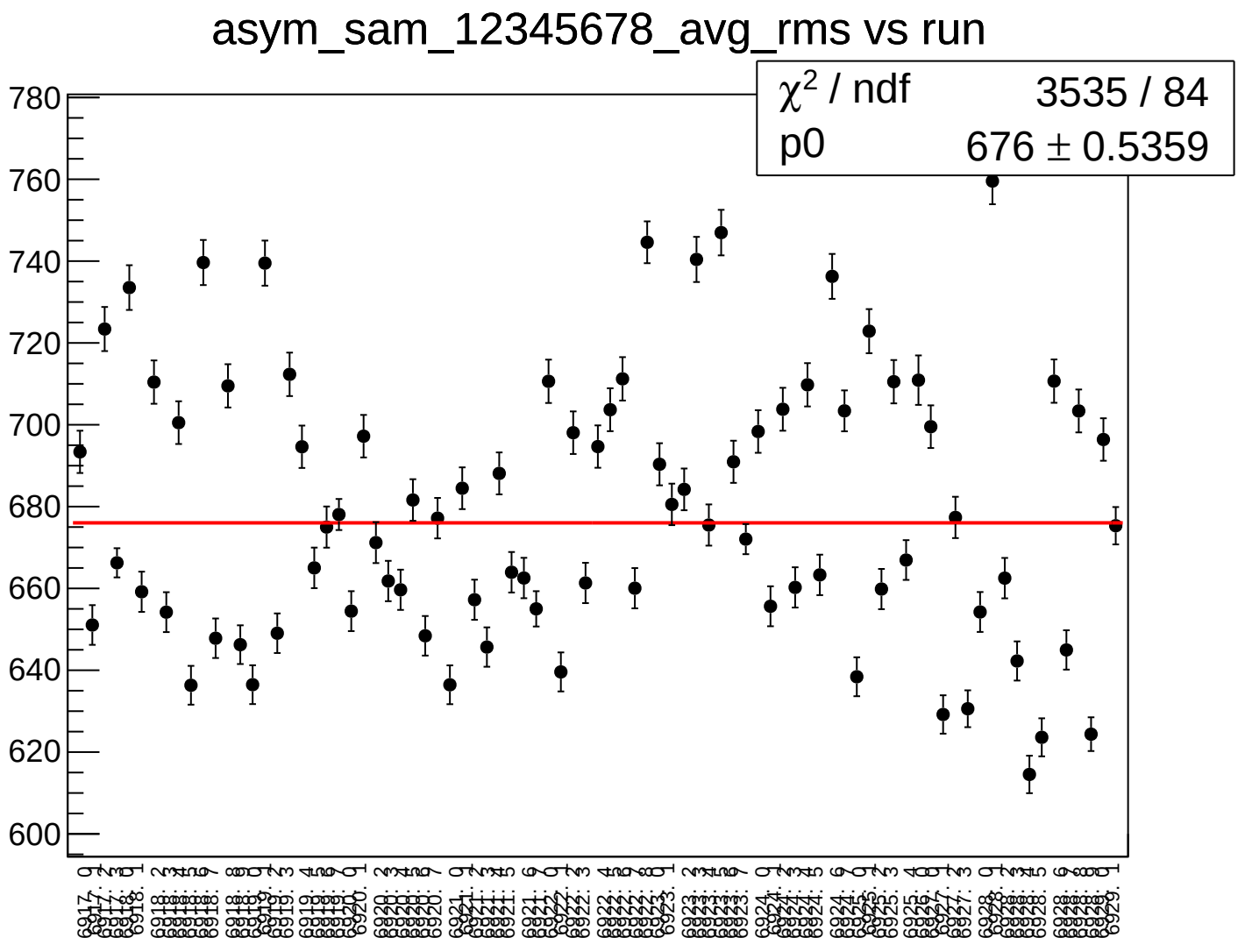

asym_sam_12345678_avg_correction_mean vs run
χ² / ndf 100.1 / 84
p0 −2068 ± 751.3
pull
Entries 85
Mean 378.1
Std Dev 342.2

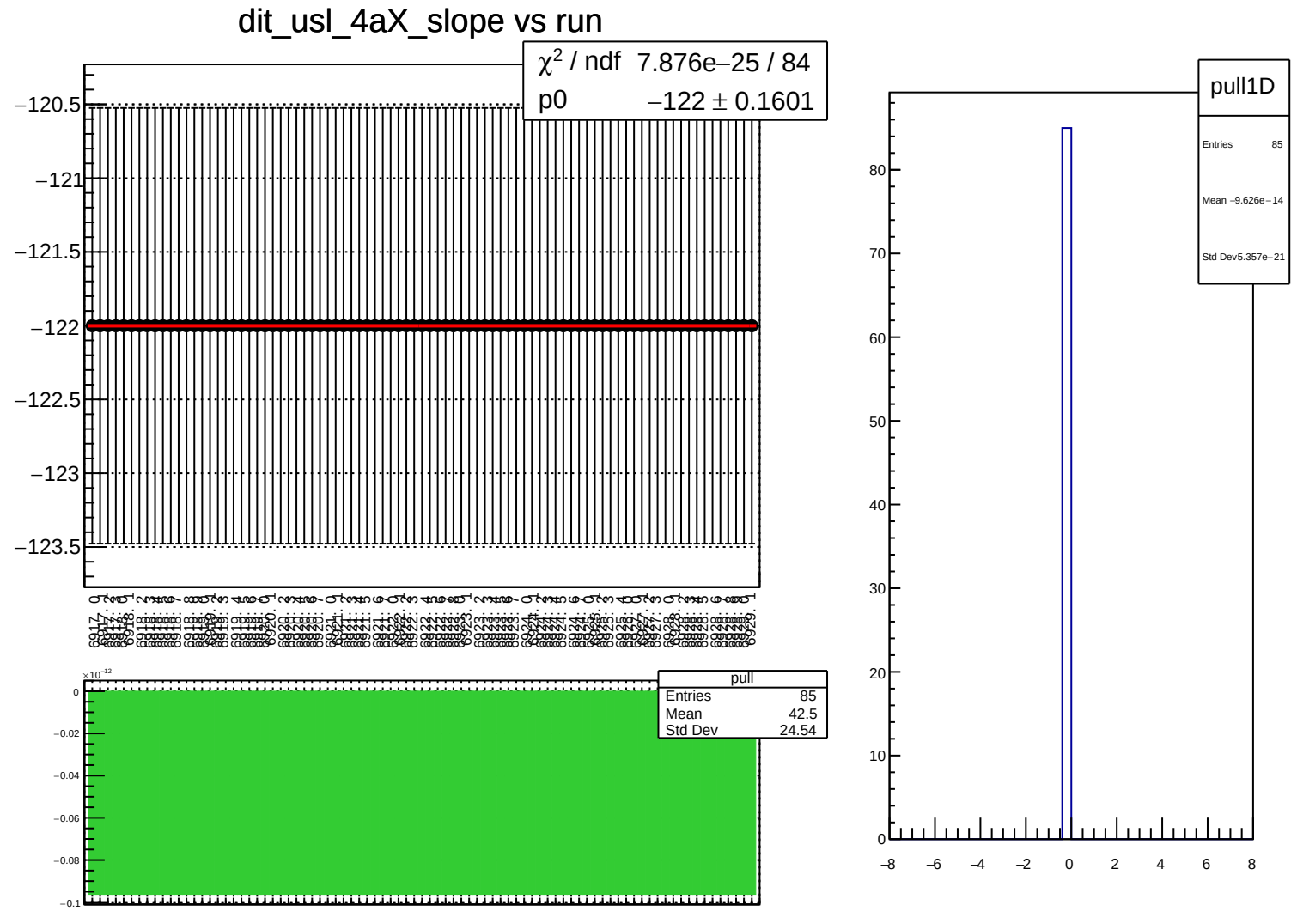

pull1D
Entries 85
Mean 0.009298
Std Dev 1.085

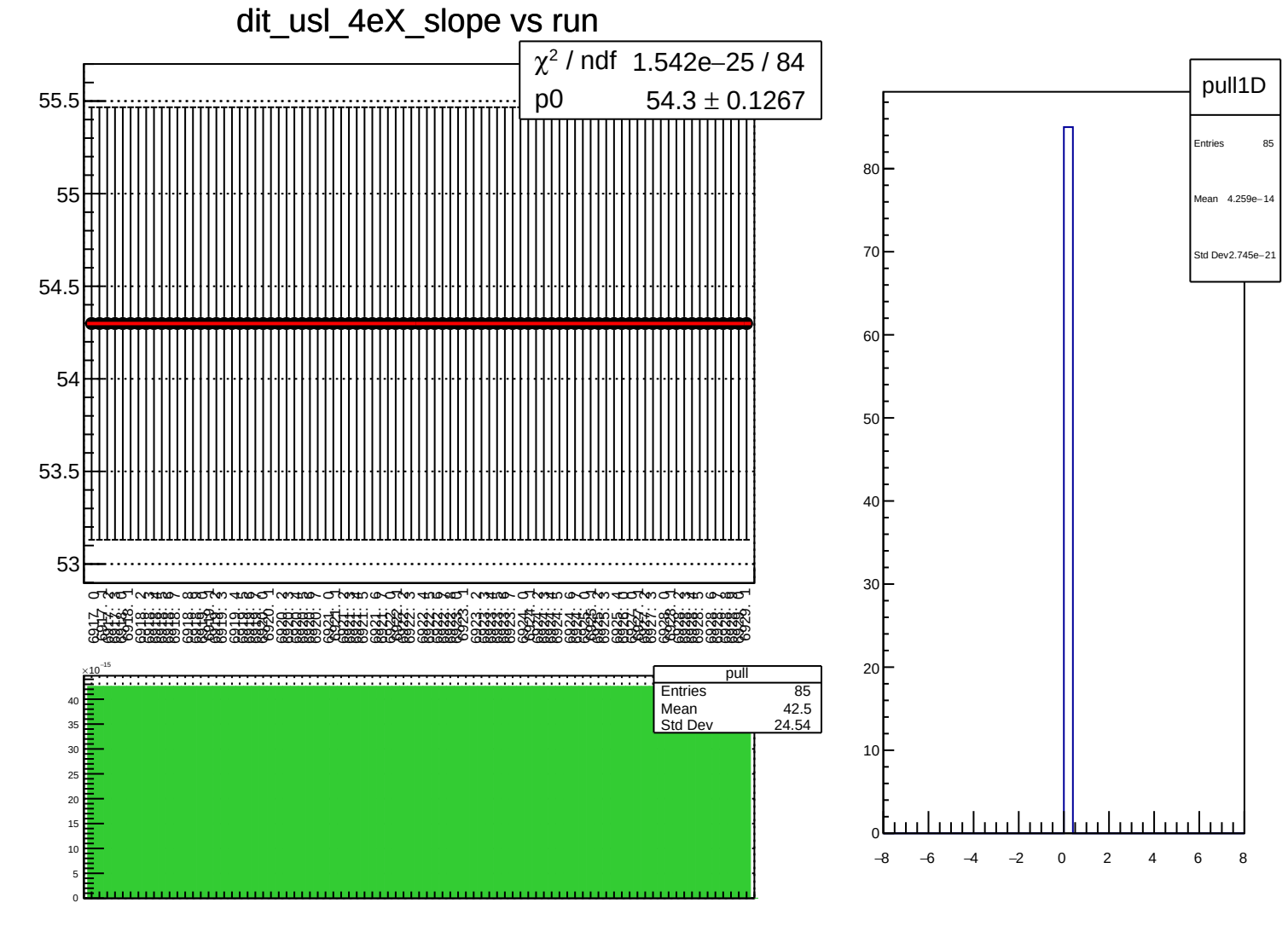

asym_sam_12345678_avg_correction_rms vs run
χ² / ndf 2683 / 84
p0 670.3 ± 0.5313
760
740
720
700
680
660
640
620
600

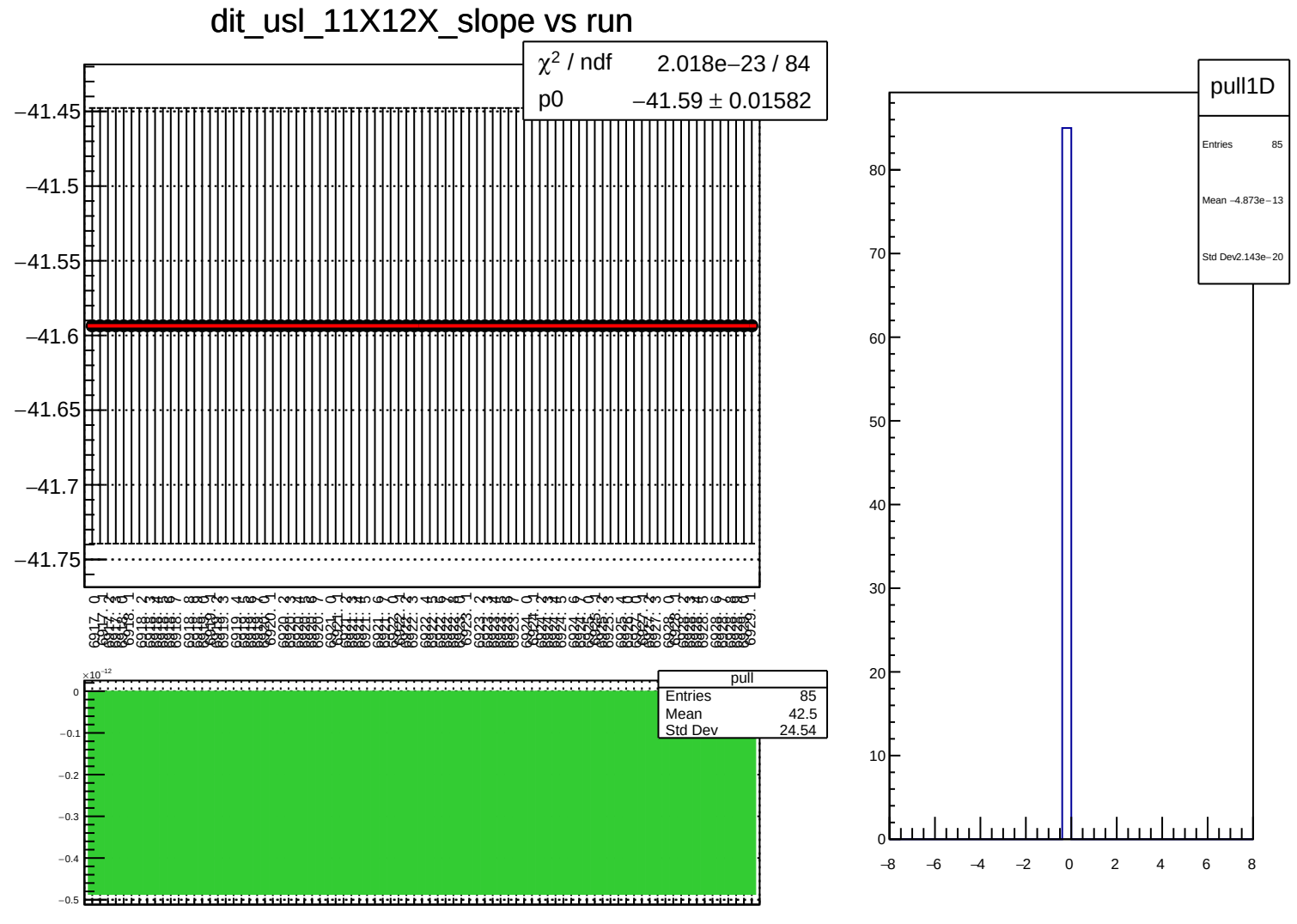

asym_sam_12345678_avg_mean vs run
χ² / ndf 98.03 / 84
p0 2132 ± 757.9
pull
Entries 85
Mean 553.4
Std Dev 518.2

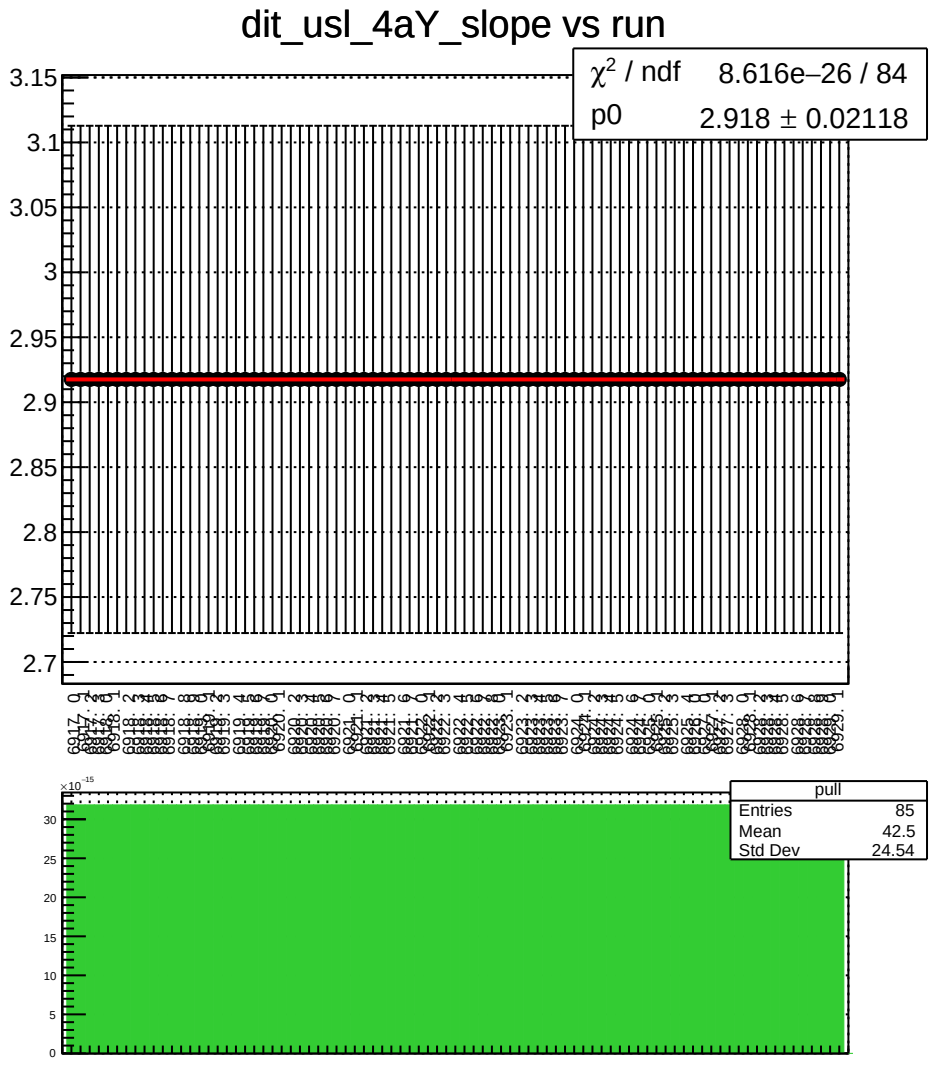

pull1D
Entries 85
Mean −0.005835
Std Dev 1.074

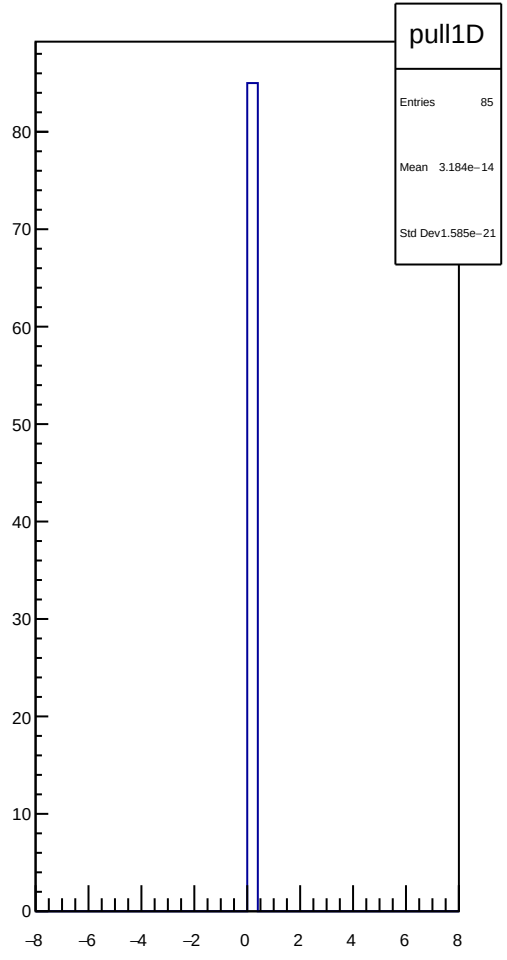

asym_sam_12345678_avg_rms vs run
χ² / ndf 3535 / 84
p0 676 ± 0.5359
780
760
740
720
700
680
660
640
620
600

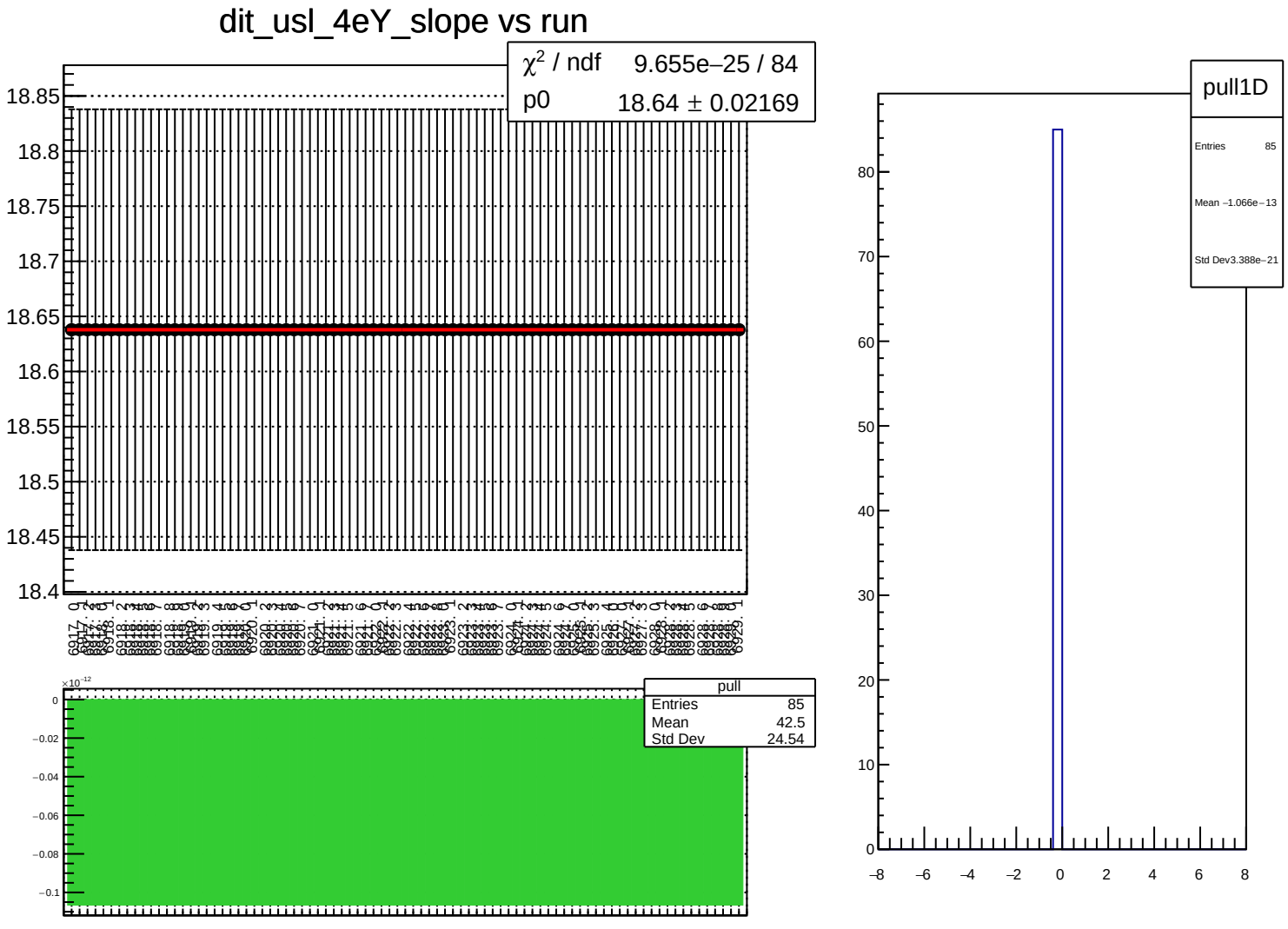

dit_usl_4aX_slope vs run
χ² / ndf 7.876e−25 / 84
p0 −122 ± 0.1601
−120.5
−121
−121.5
−122
−122.5
−123
−123.5
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 85
Mean −9.626e−14
Std Dev5.357e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

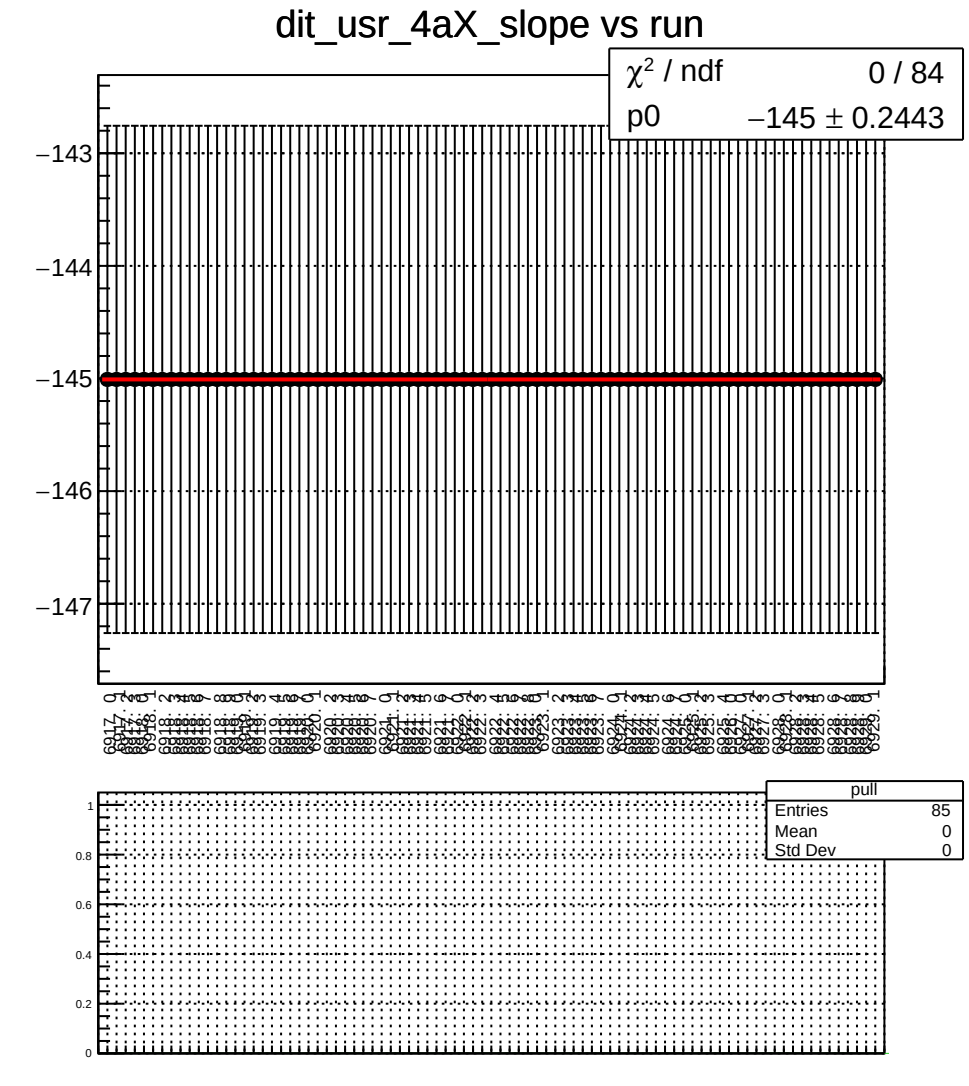

dit_usl_4eX_slope vs run
χ² / ndf 1.542e−25 / 84
p0 54.3 ± 0.1267
55.5
55
54.5
54
53.5
53
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
40
35
30
25
20
15
10
5
0
pull1D
Entries 85
Mean 4.259e−14
Std Dev2.745e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

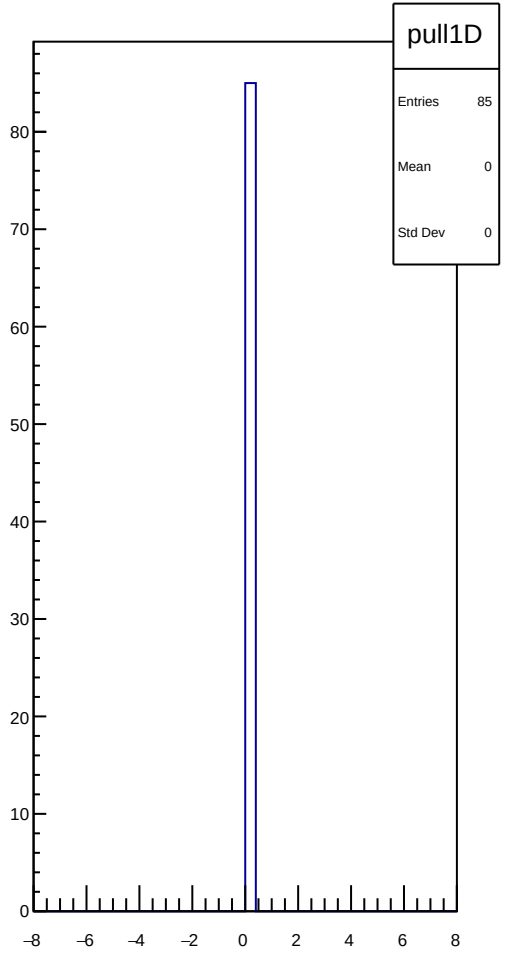

dit_usl_11X12X_slope vs run
χ² / ndf 2.018e−23 / 84
p0 −41.59 ± 0.01582
−41.45
−41.5
−41.55
−41.6
−41.65
−41.7
−41.75
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.1
−0.2
−0.3
−0.4
−0.5
pull1D
Entries 85
Mean −4.873e−13
Std Dev 2.143e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

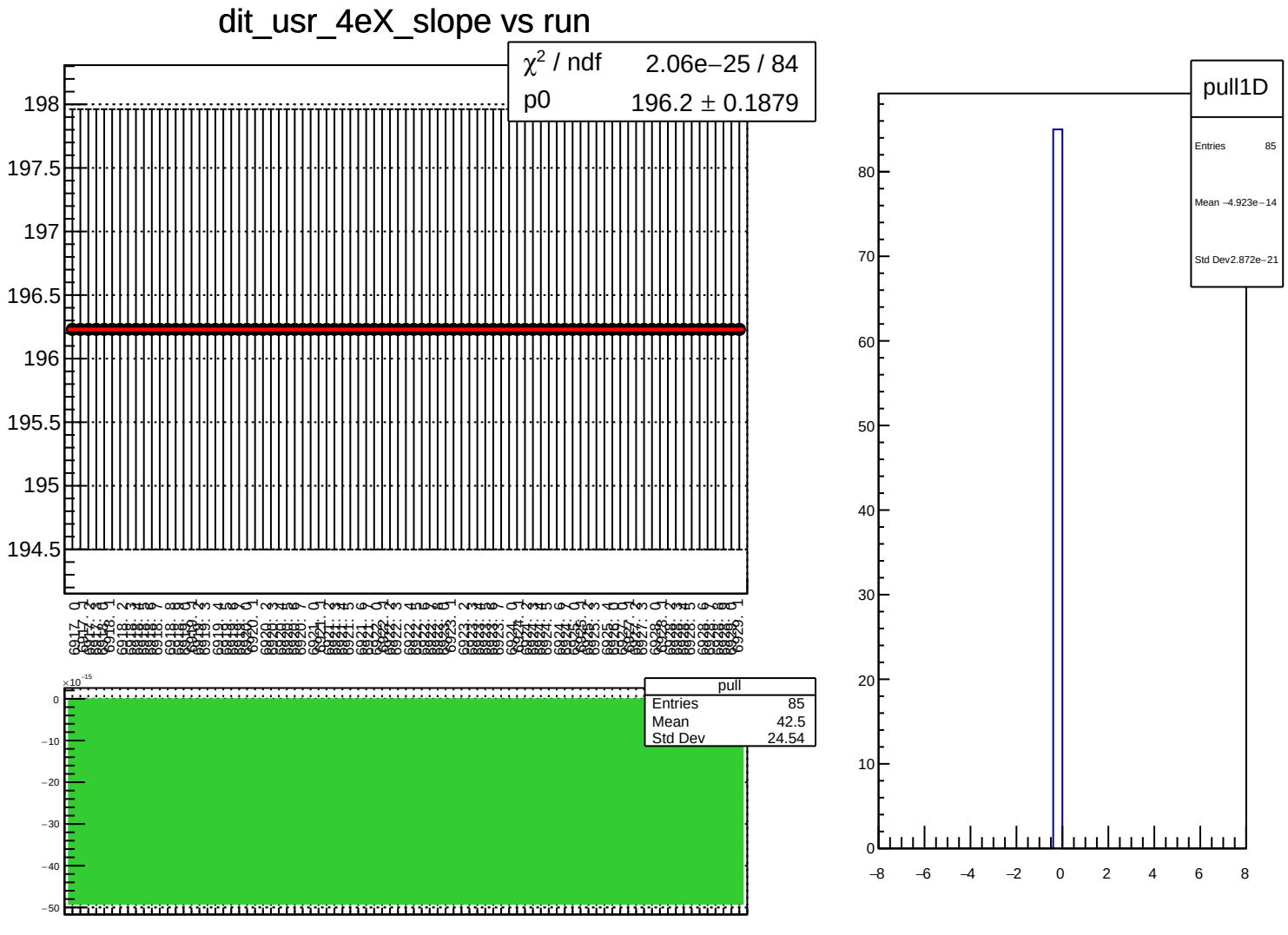

dit_usl_4aY_slope vs run
χ² / ndf 8.616e−26 / 84
p0 2.918 ± 0.02118
pull
Entries 85
Mean 42.5
Std Dev 24.54

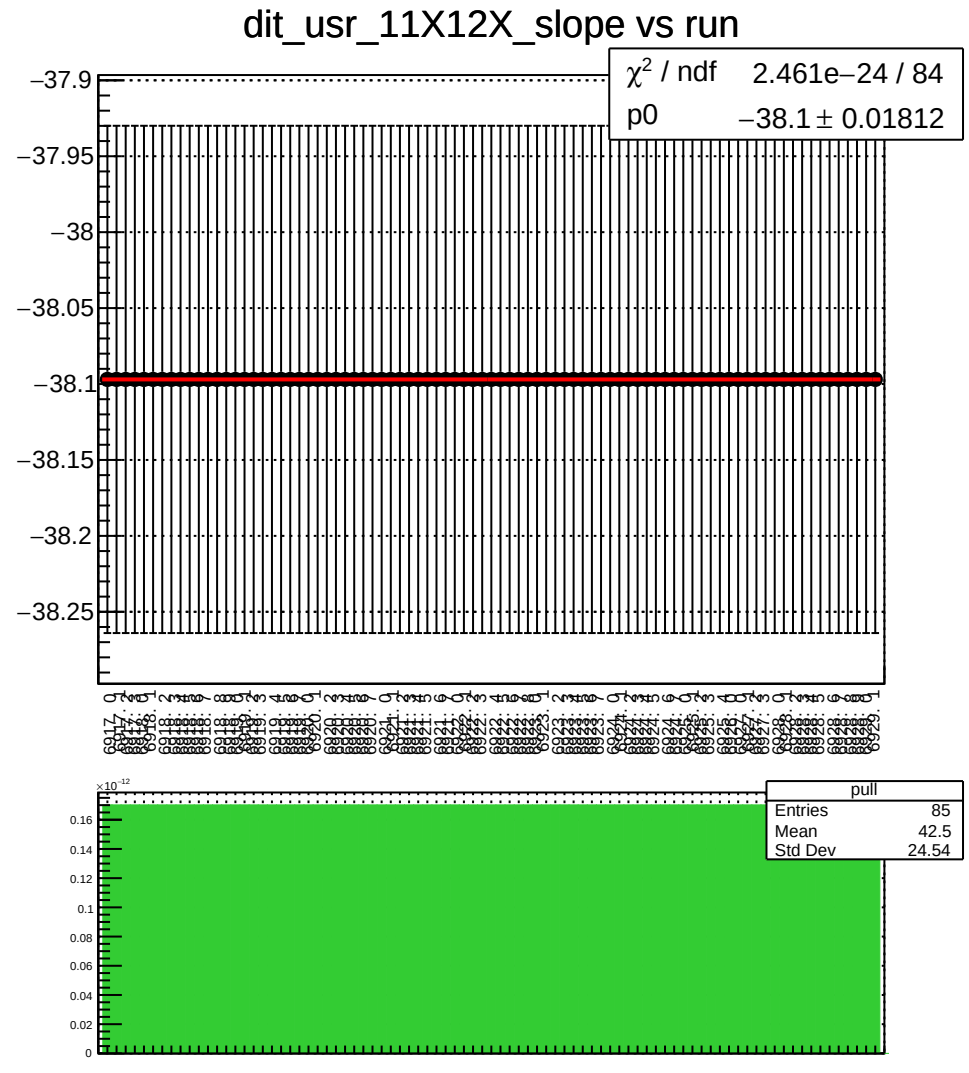

pull1D
Entries 85
Mean 3.184e−14
Std Dev1.585e−21

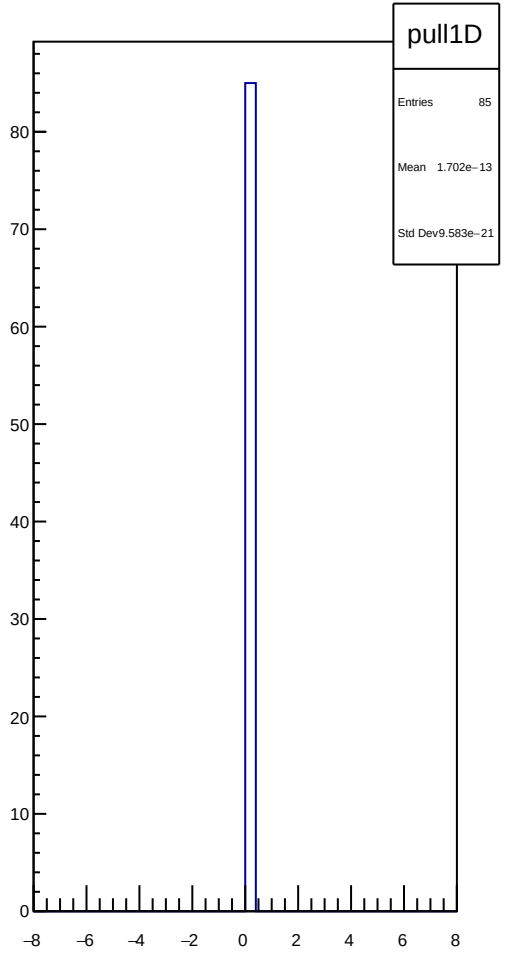

dit_usl_4eY_slope vs run
χ² / ndf 9.655e−25 / 84
p0 18.64 ± 0.02169
18.85
18.8
18.75
18.7
18.65
18.6
18.55
18.5
18.45
18.4
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 85
Mean −1.066e−13
Std Dev3.388e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

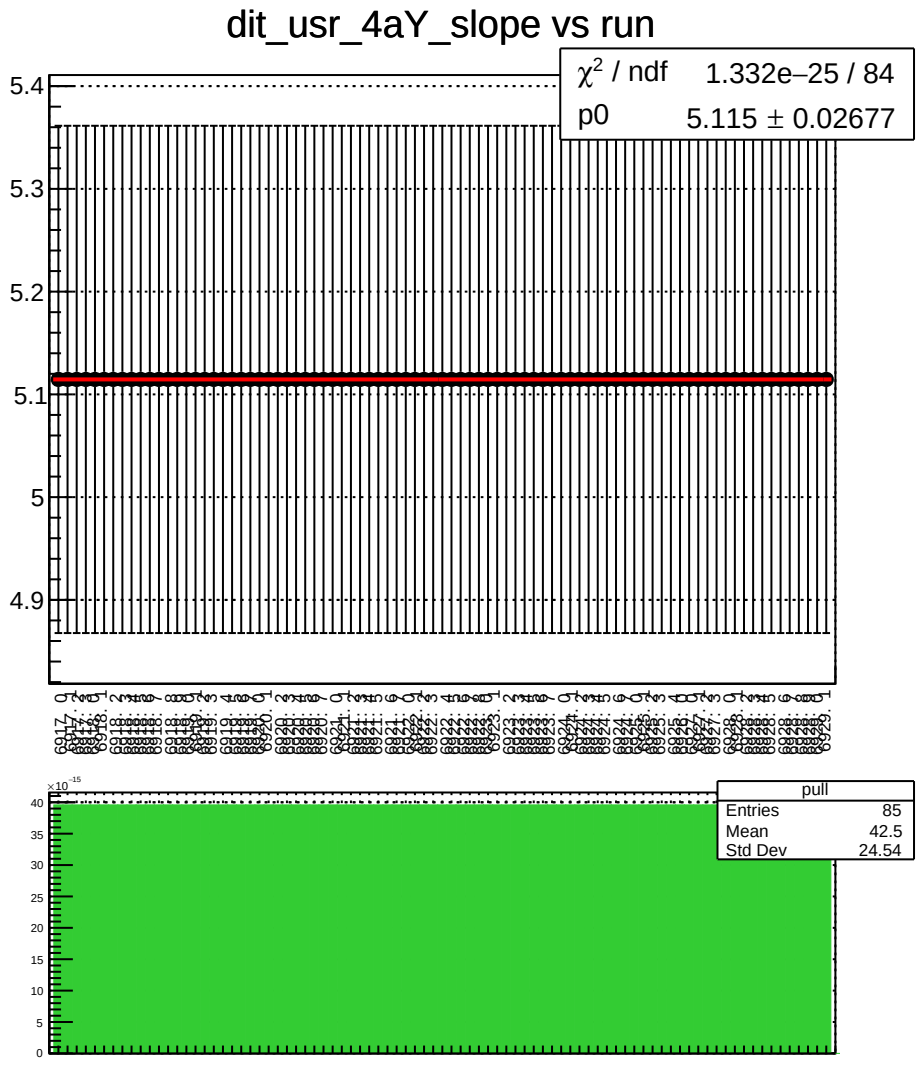

dit_usr_4aX_slope vs run
χ^2 / ndf 0 / 84
p0 −145 ± 0.2443
−143
−144
−145
−146
−147
pull
Entries 85
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0

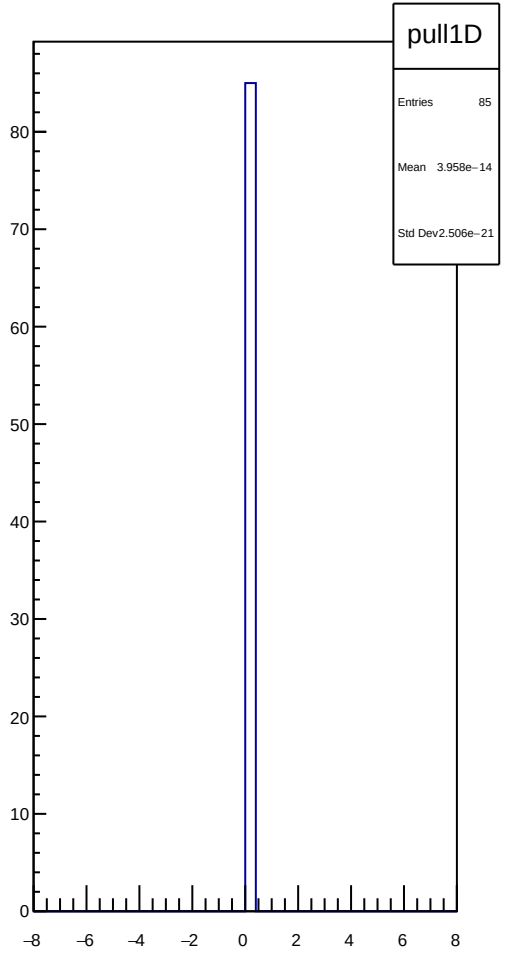

pull1D
Entries 85
Mean 0
Std Dev 0
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

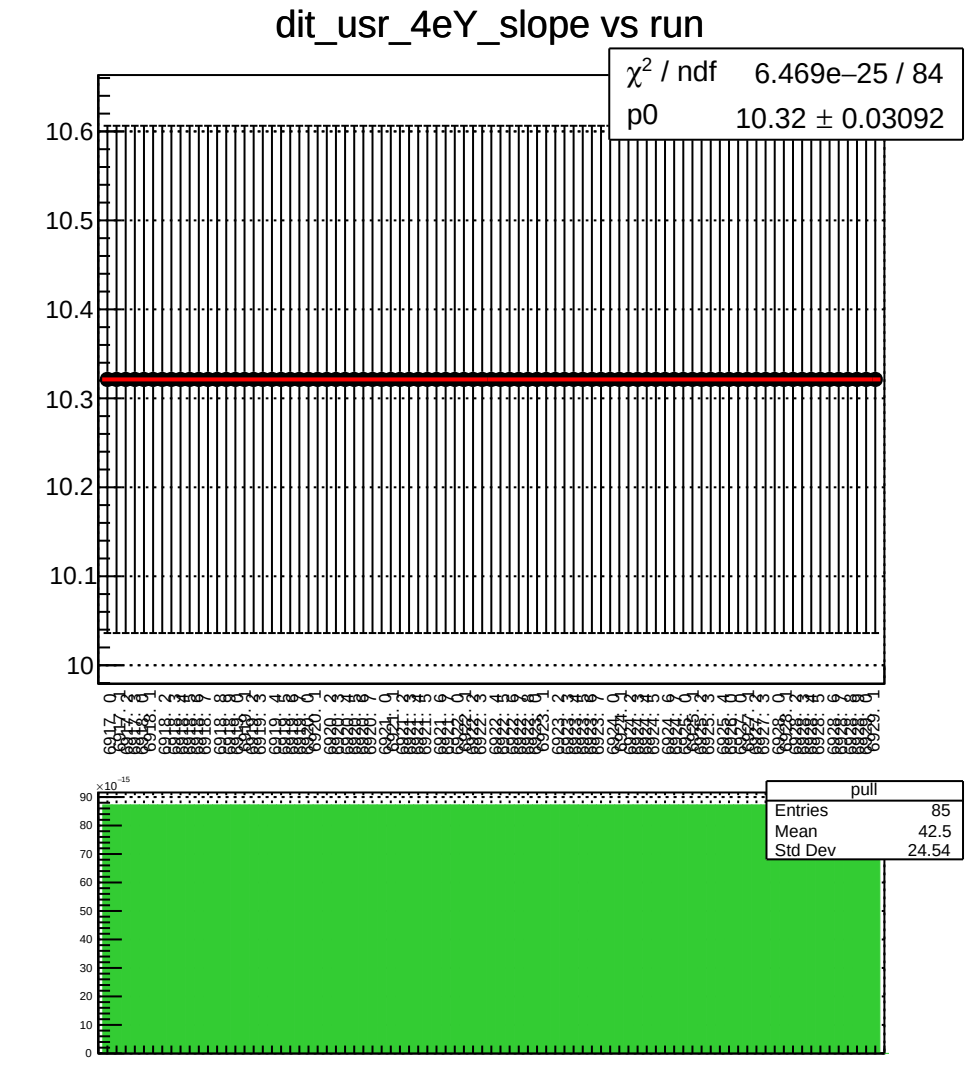

dit_usr_4eX_slope vs run
χ² / ndf 2.06e−25 / 84
p0 196.2 ± 0.1879
198
197.5
197
196.5
196
195.5
195
194.5
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−10
−20
−30
−40
−50
pull1D
Entries 85
Mean −4.923e−14
Std Dev2.872e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

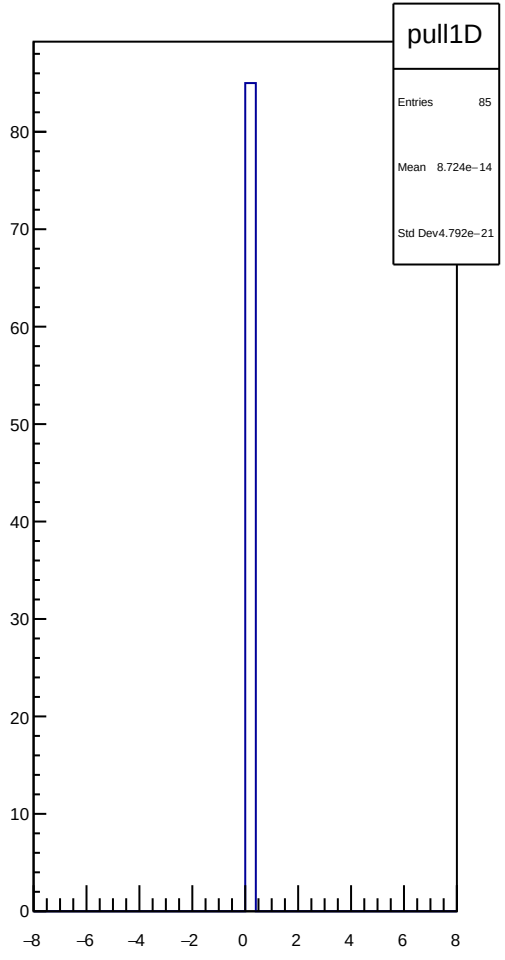

dit_usr_11X12X_slope vs run
χ² / ndf 2.461e−24 / 84
p0 −38.1 ± 0.01812
−37.9
−37.95
−38
−38.05
−38.1
−38.15
−38.2
−38.25
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0

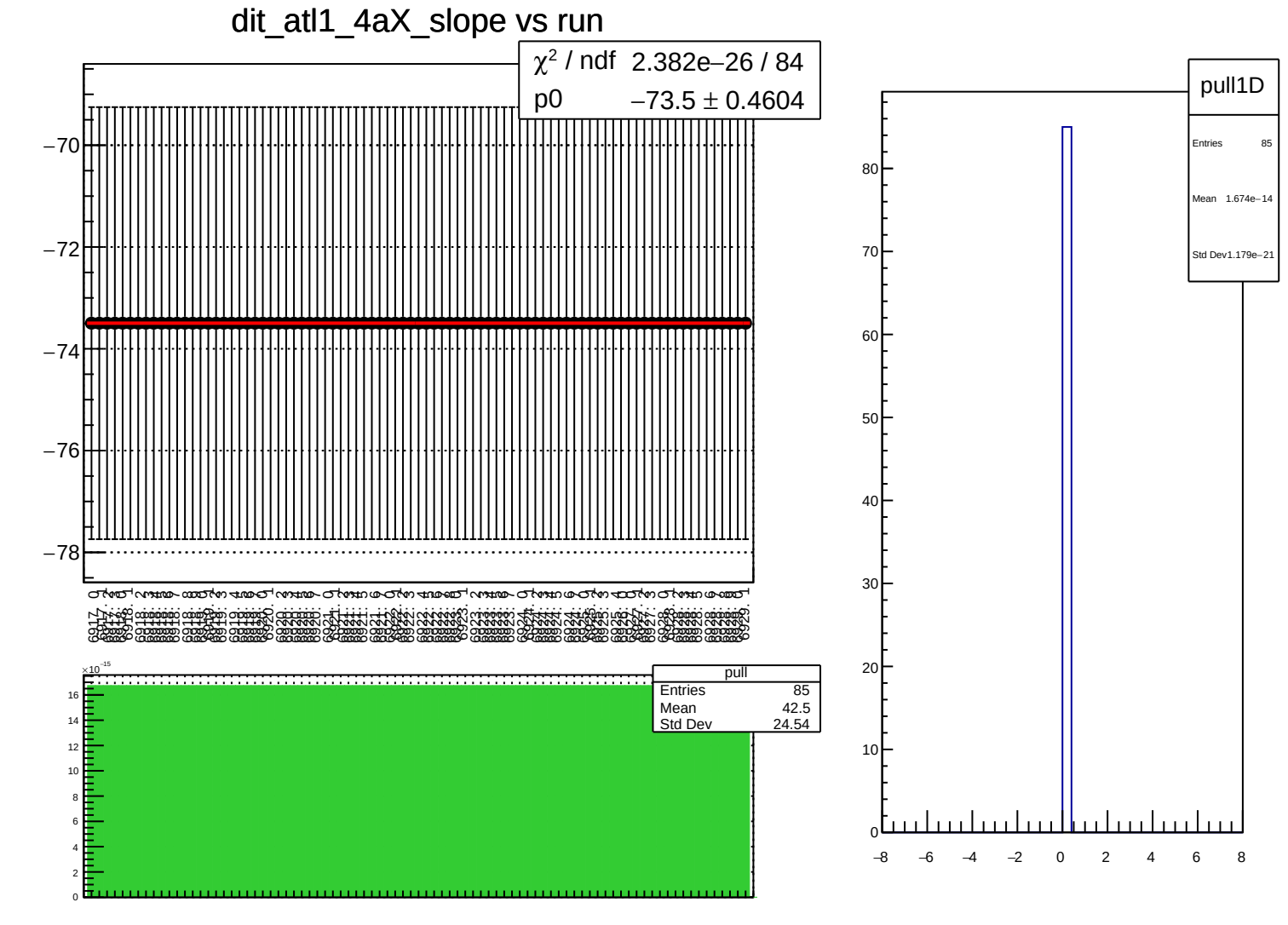

pull1D
Entries 85
Mean 1.702e−13
Std Dev9.583e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

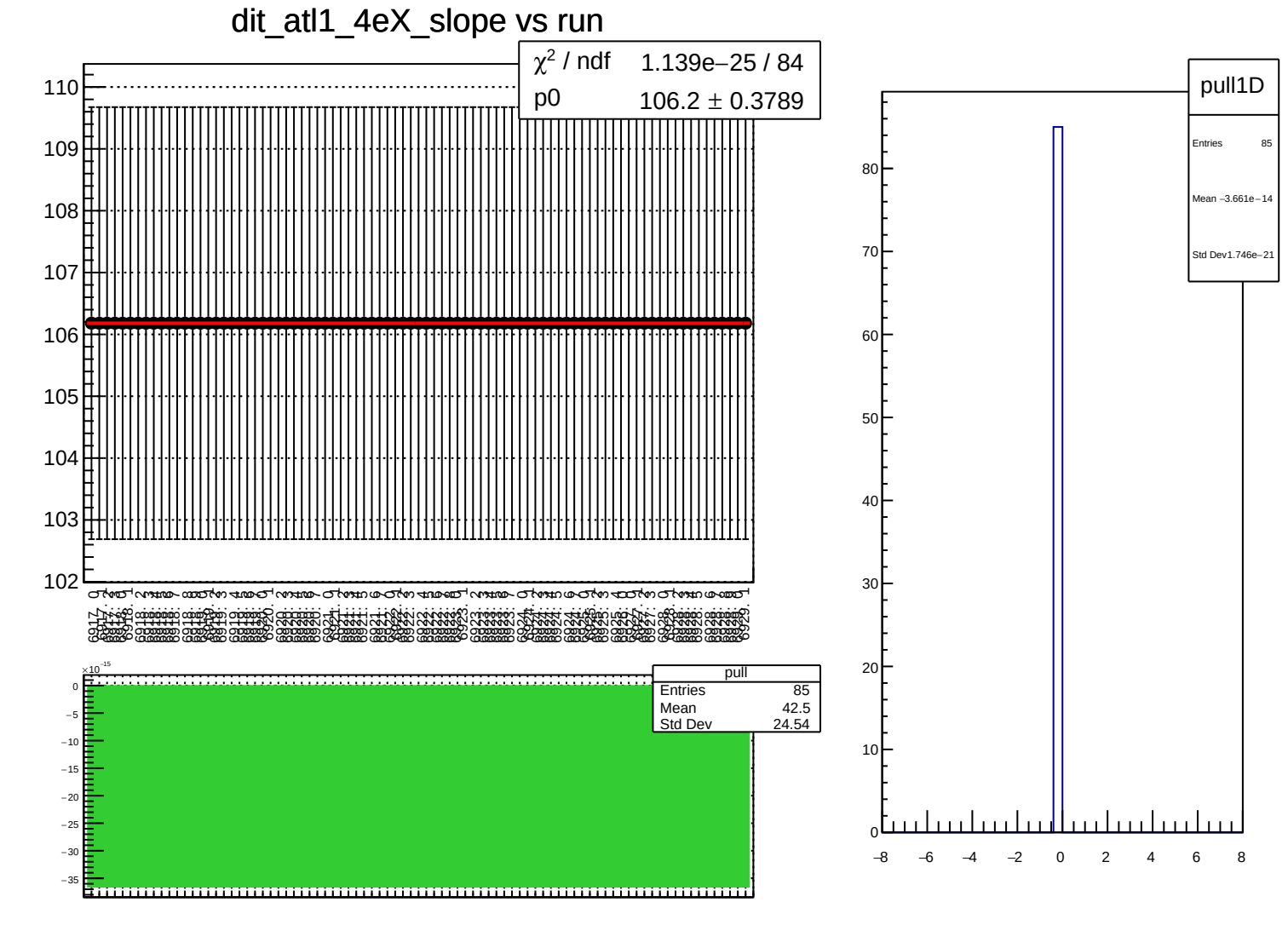

dit_usr_4aY_slope vs run
χ² / ndf 1.332e−25 / 84
p0 5.115 ± 0.02677
5.4
5.3
5.2
5.1
5
4.9
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
40
35
30
25
20
15
10
5
0

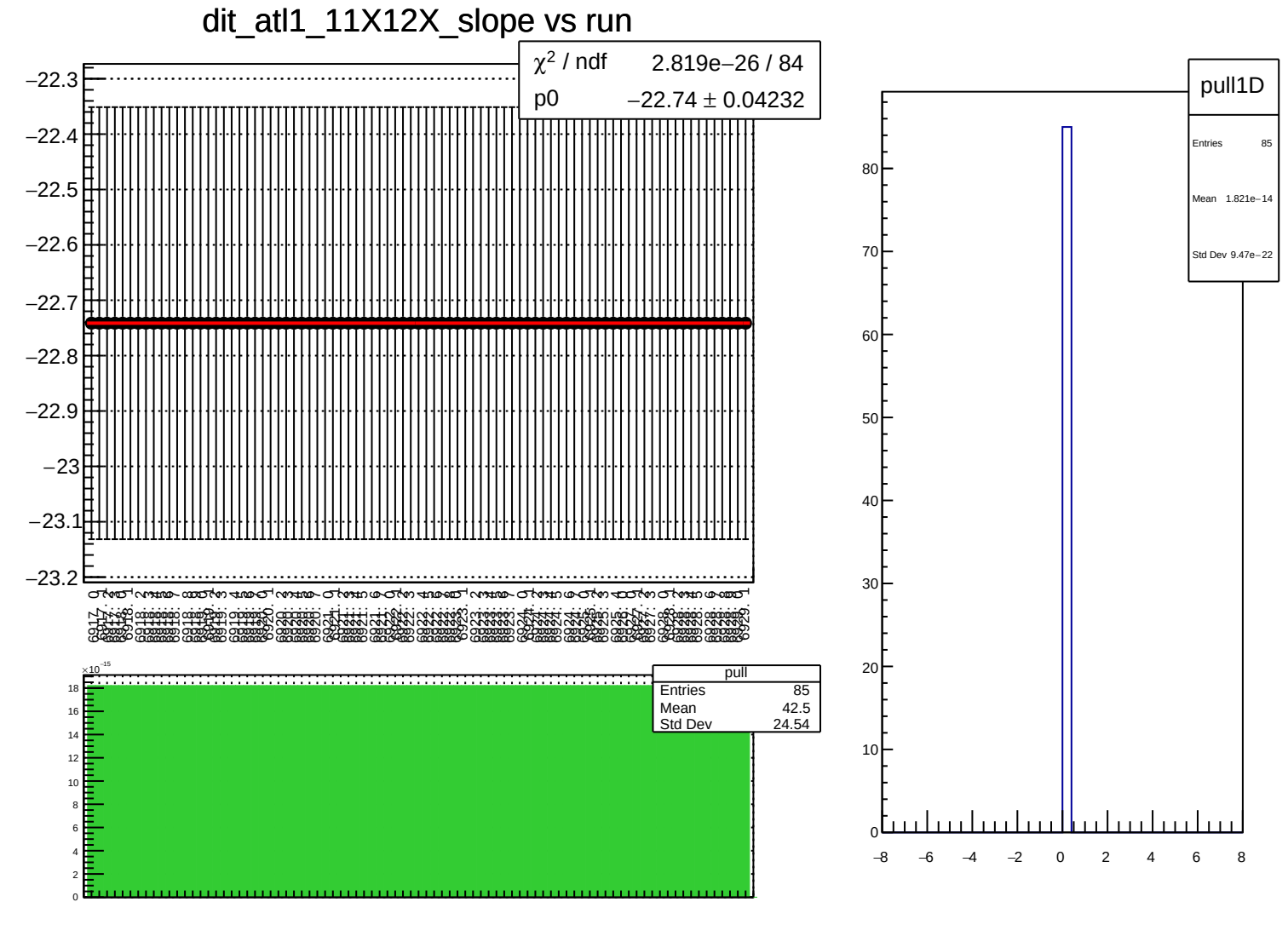

pull1D
Entries 85
Mean 3.958e−14
Std Dev2.506e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

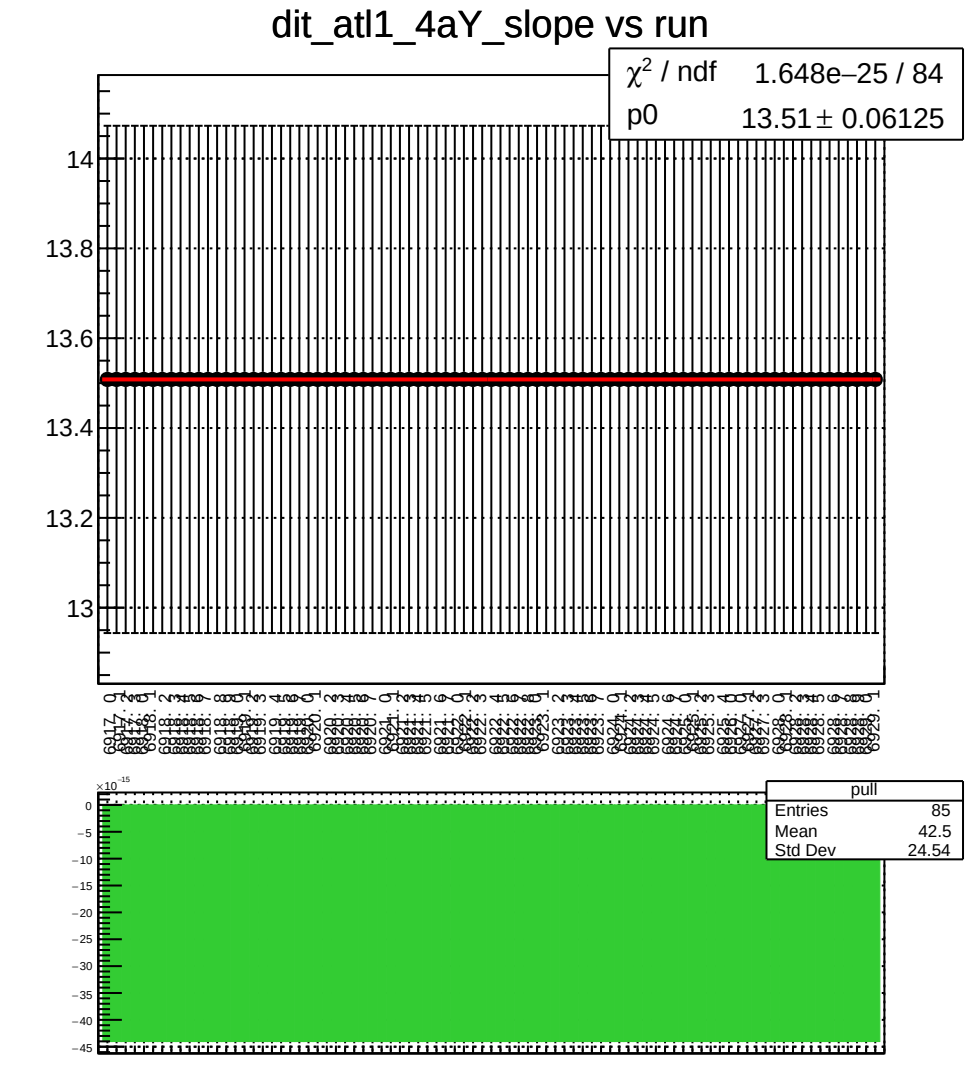

dit_usr_4eY_slope vs run
χ² / ndf 6.469e−25 / 84
p0 10.32 ± 0.03092
pull
Entries 85
Mean 42.5
Std Dev 24.54

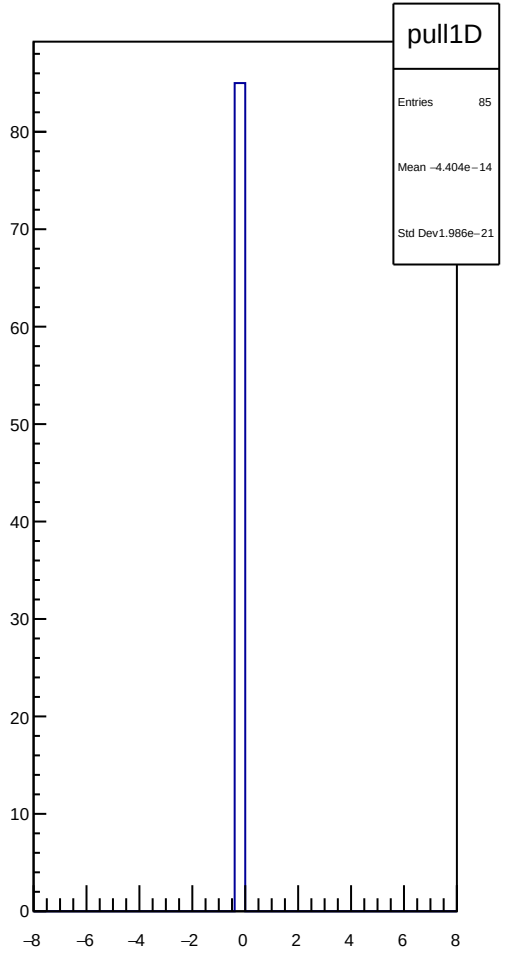

pull1D
Entries 85
Mean 8.724e−14
Std Dev 4.792e−21

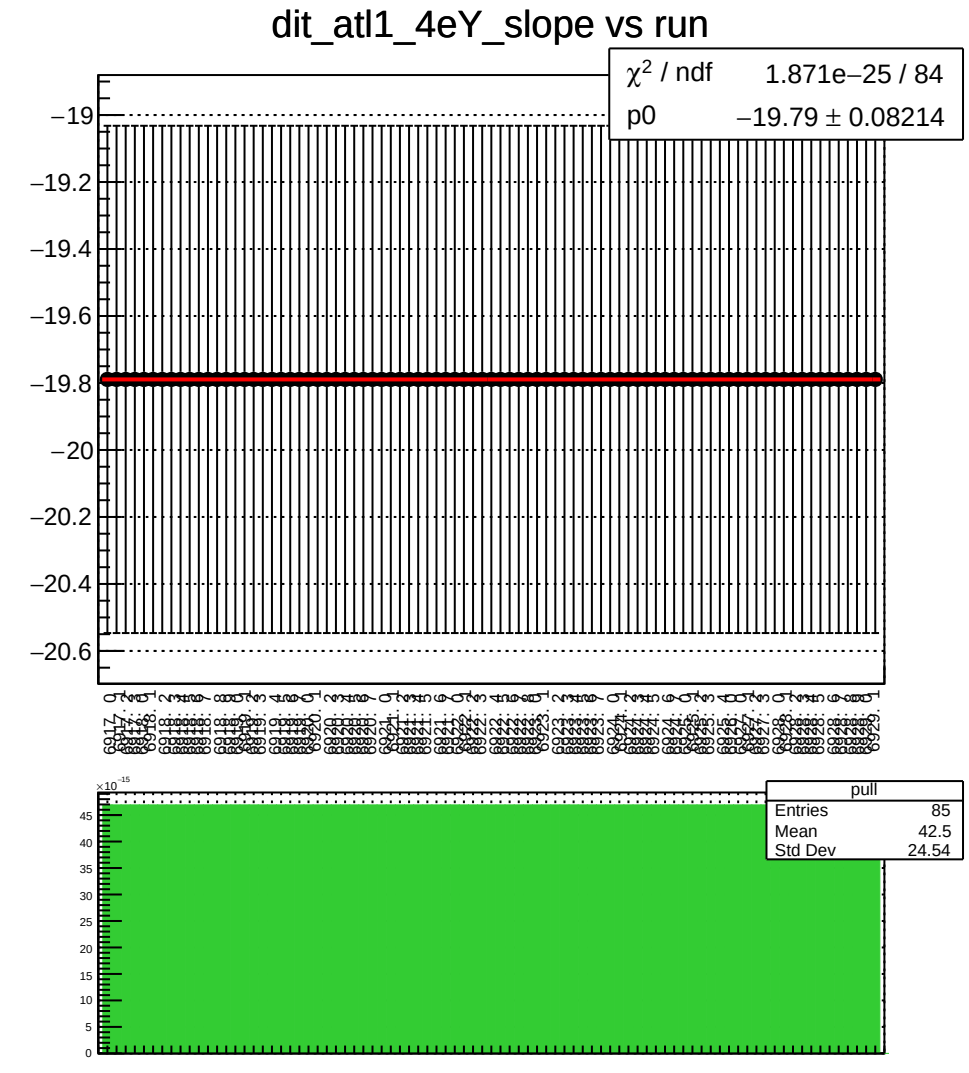

dit_atl1_4aX_slope vs run
χ² / ndf 2.382e−26 / 84
p0 −73.5 ± 0.4604
−70
−72
−74
−76
−78
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
pull1D
Entries 85
Mean 1.674e−14
Std Dev1.179e−21

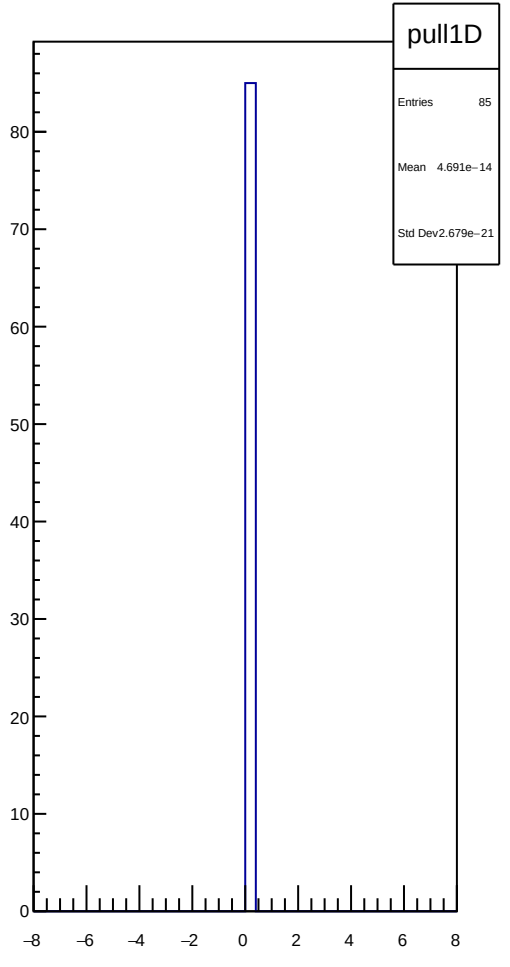

dit_atl1_4eX_slope vs run
χ² / ndf 1.139e−25 / 84
p0 106.2 ± 0.3789
110
109
108
107
106
105
104
103
102
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
pull1D
Entries 85
Mean −3.661e−14
Std Dev1.746e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

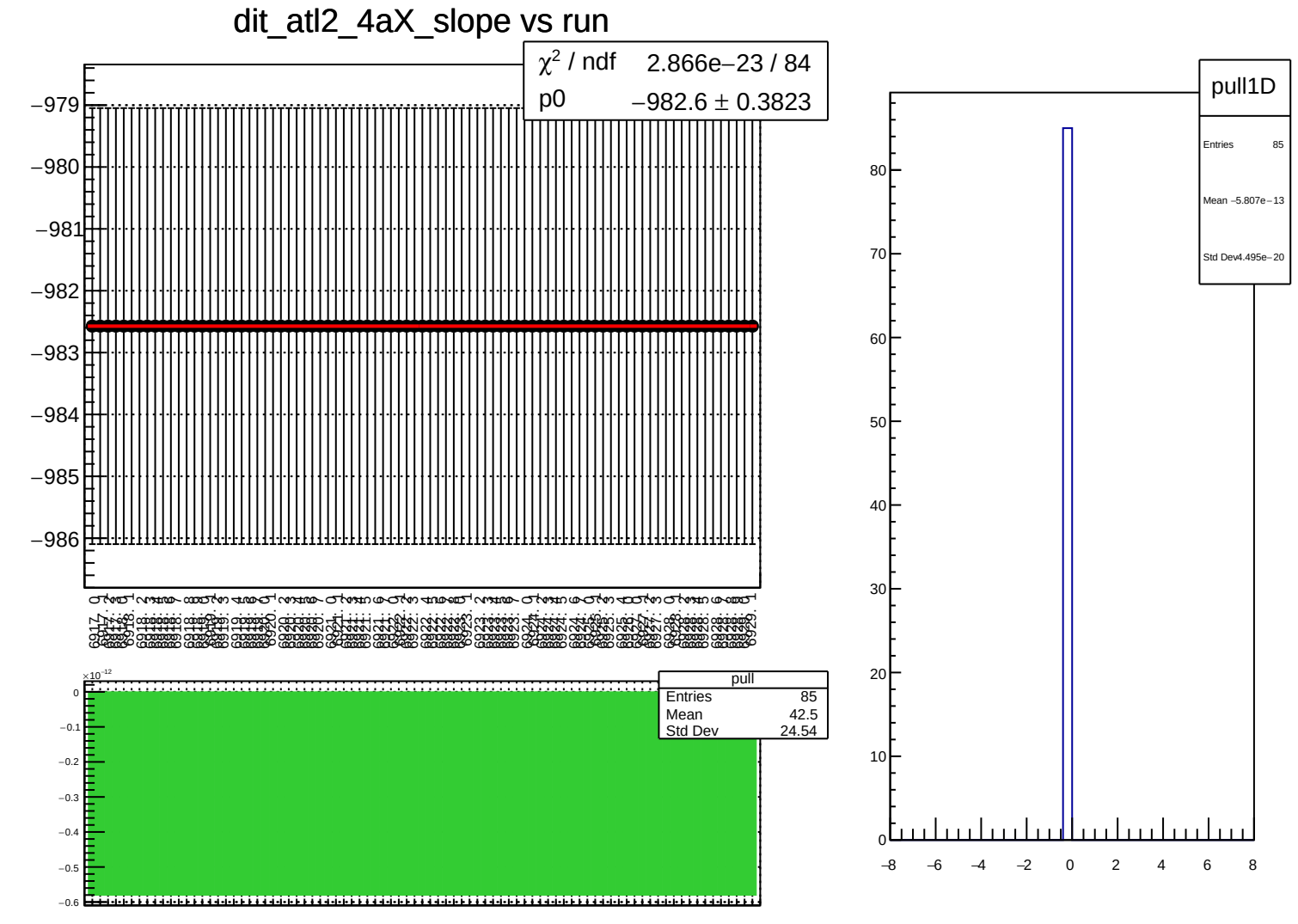

dit_atl1_11X12X_slope vs run
χ² / ndf 2.819e−26 / 84
p0 −22.74 ± 0.04232
−22.3
−22.4
−22.5
−22.6
−22.7
−22.8
−22.9
−23
−23.1
−23.2
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
pull1D
Entries 85
Mean 1.821e−14
Std Dev 9.47e−22

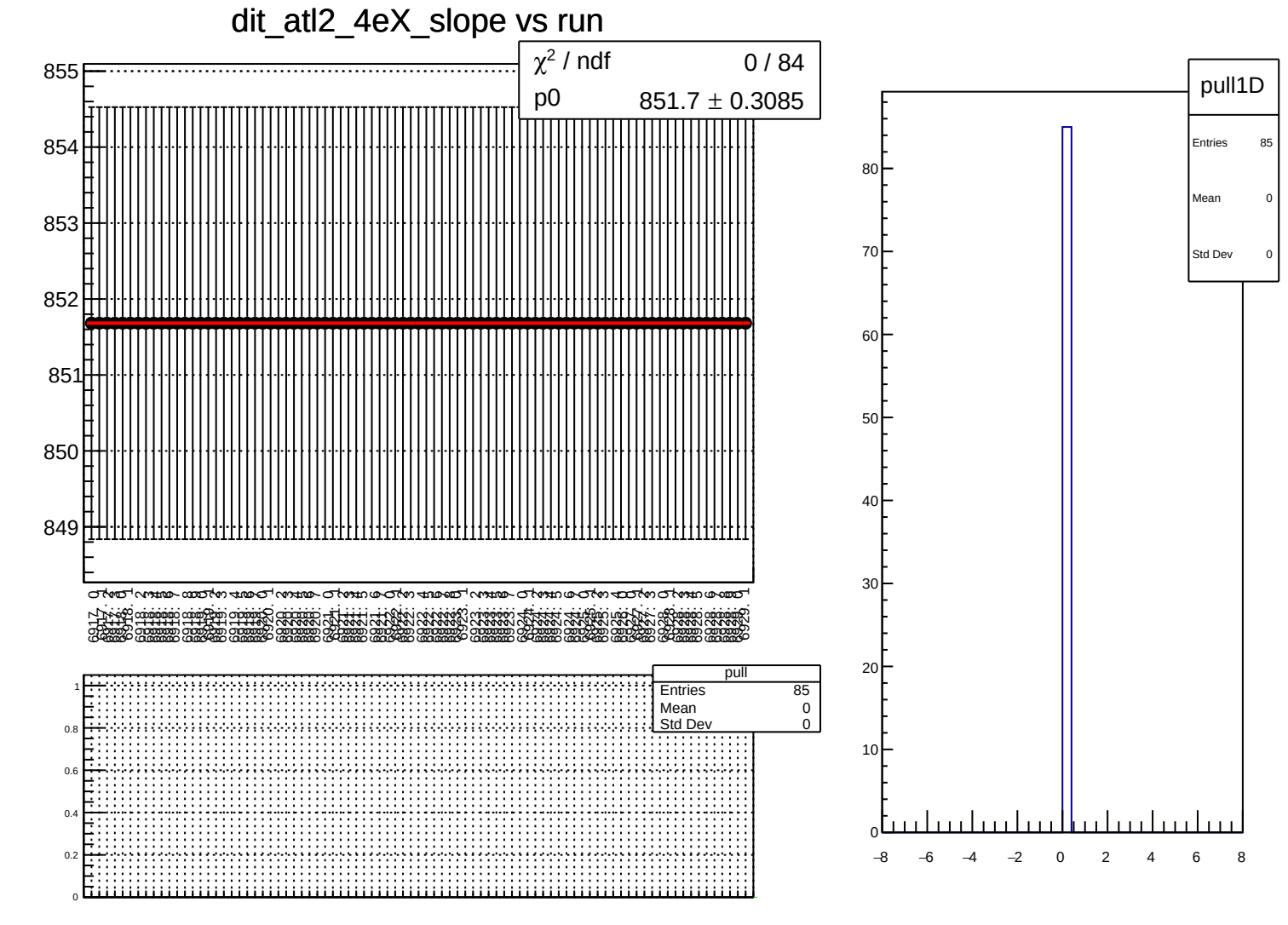

dit_atl1_4aY_slope vs run
χ² / ndf 1.648e−25 / 84
p0 13.51 ± 0.06125
14
13.8
13.6
13.4
13.2
13
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
−40
−45

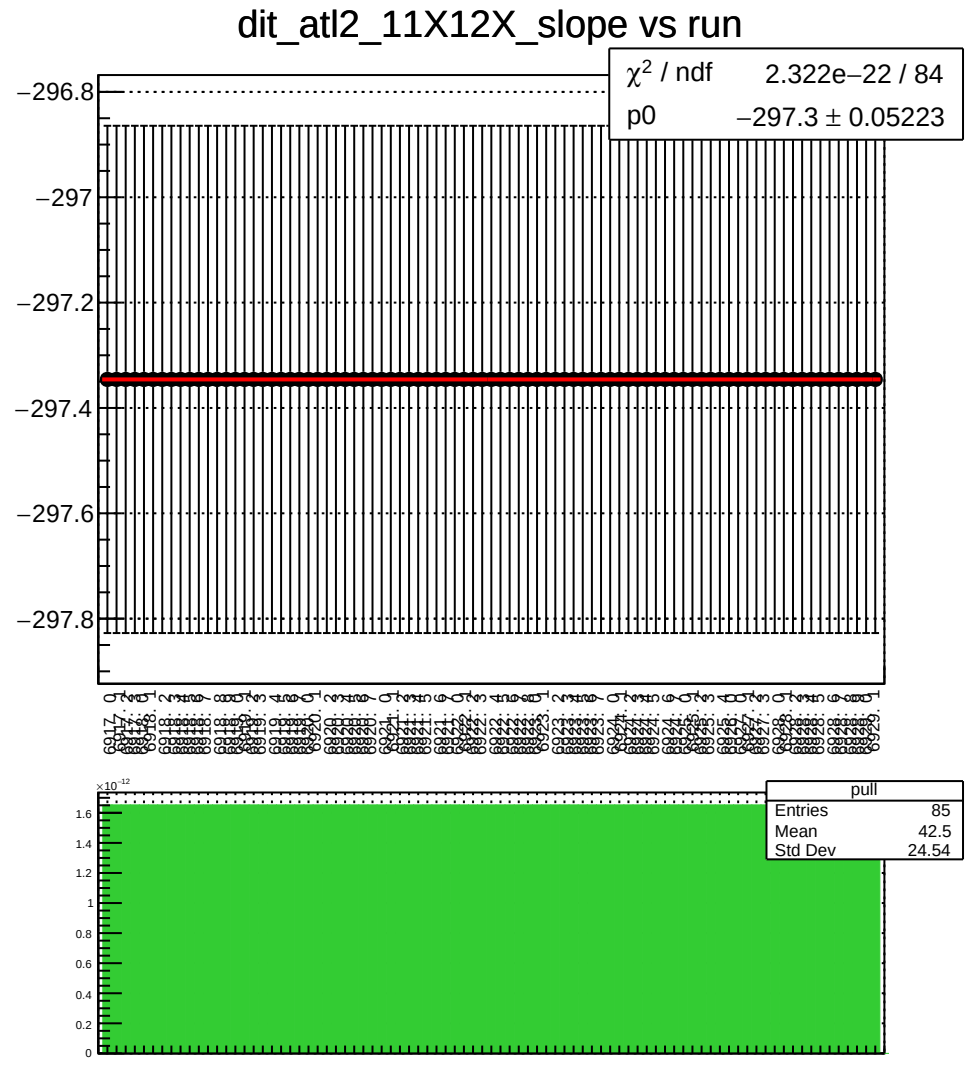

pull1D
Entries 85
Mean −4.404e−14
Std Dev 1.986e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

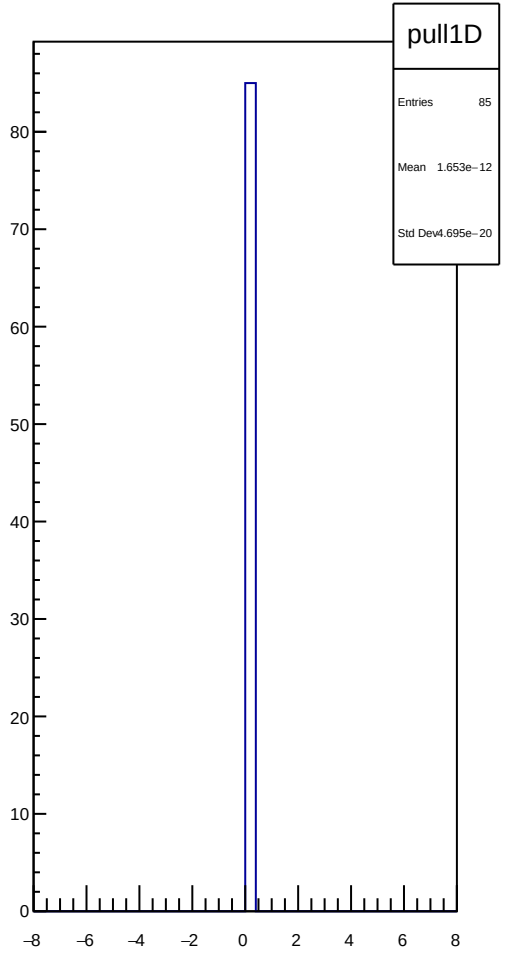

dit_atl1_4eY_slope vs run
χ² / ndf 1.871e−25 / 84
p0 −19.79 ± 0.08214
−19
−19.2
−19.4
−19.6
−19.8
−20
−20.2
−20.4
−20.6
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
45
40
35
30
25
20
15
10
5
0

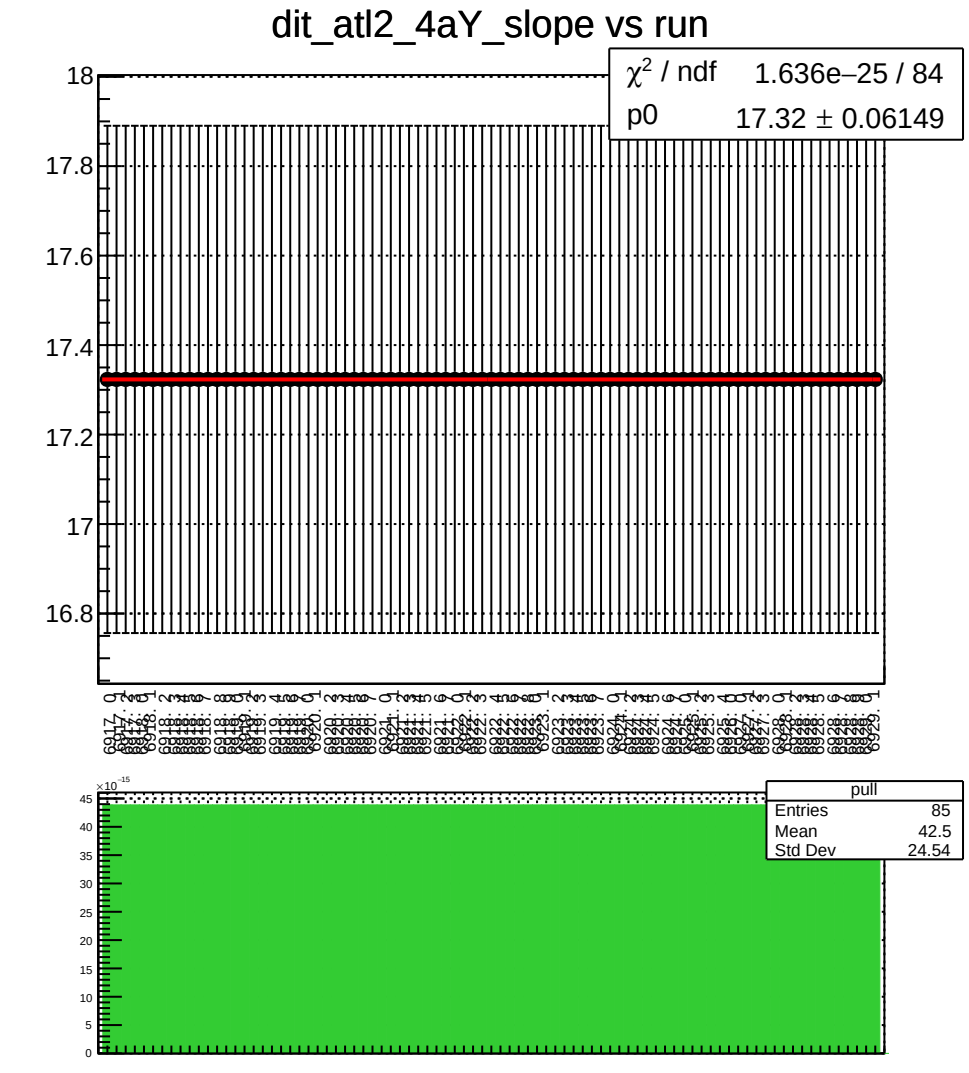

pull1D
Entries 85
Mean 4.691e−14
Std Dev2.679e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

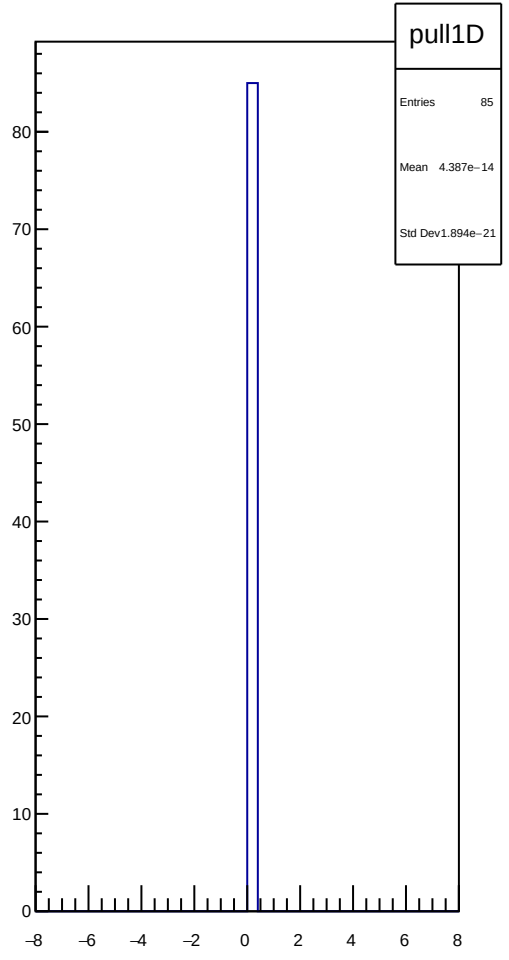

dit_atl2_4aX_slope vs run
χ² / ndf 2.866e−23 / 84
p0 −982.6 ± 0.3823
−979
−980
−981
−982
−983
−984
−985
−986
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
pull1D
Entries 85
Mean −5.807e−13
Std Dev4.495e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

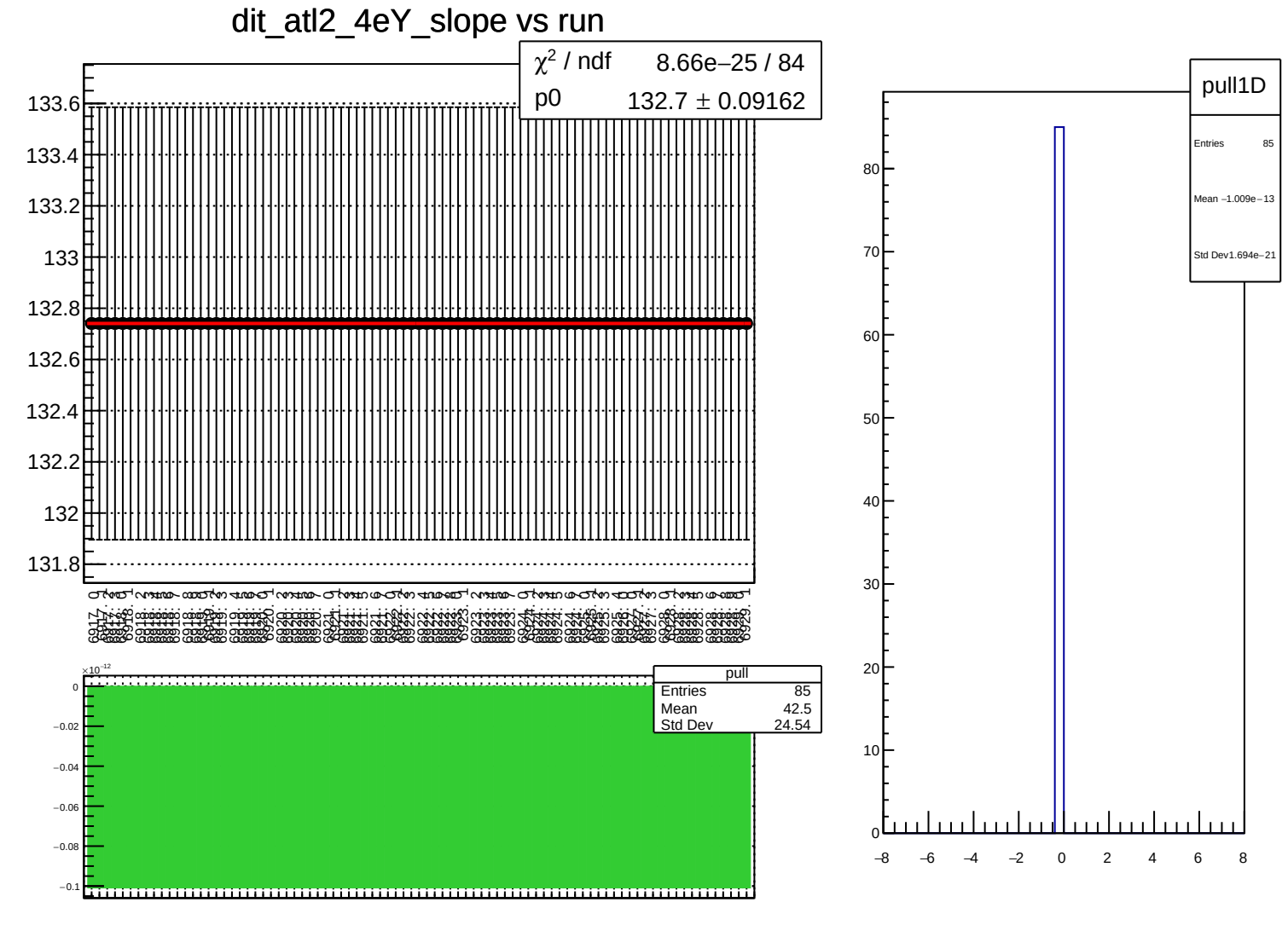

dit_atl2_4eX_slope vs run
χ² / ndf 0 / 84
p0 851.7 ± 0.3085
855
854
853
852
851
850
849
pull
Entries 85
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
pull1D
Entries 85
Mean 0
Std Dev 0
80
70
60
50
40
30
20
10
0
–8
–6
–4
–2
0
2
4
6
8

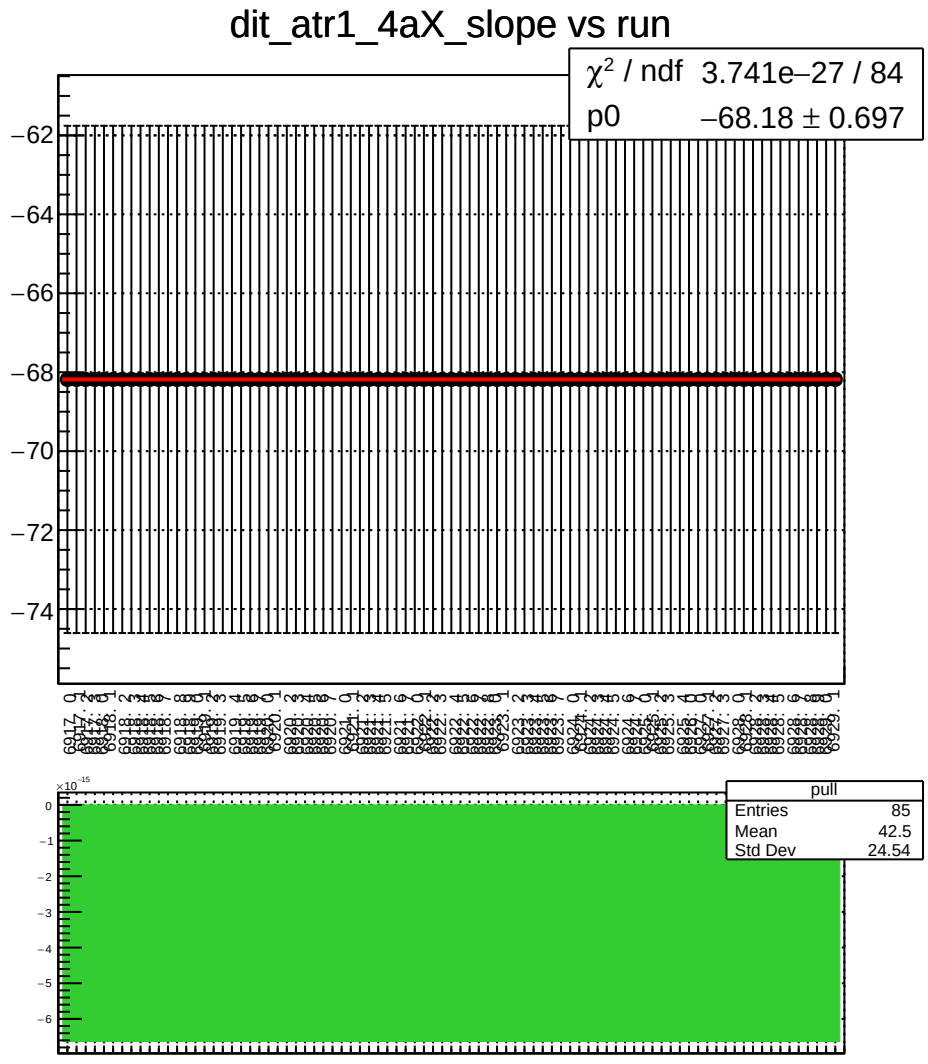

dit_atl2_11X12X_slope vs run
χ² / ndf 2.322e−22 / 84
p0 −297.3 ± 0.05223
−296.8
−297
−297.2
−297.4
−297.6
−297.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0

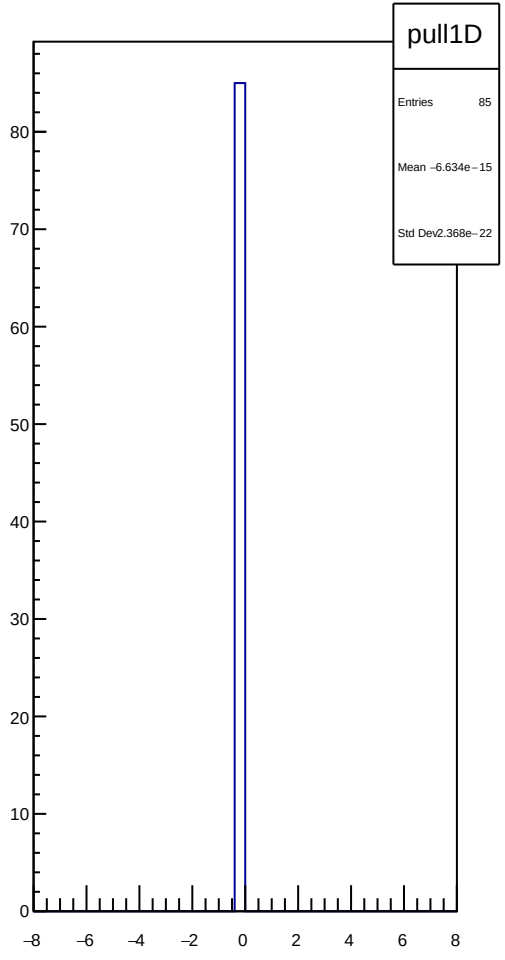

pull1D
Entries 85
Mean 1.653e−12
Std Dev 4.695e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

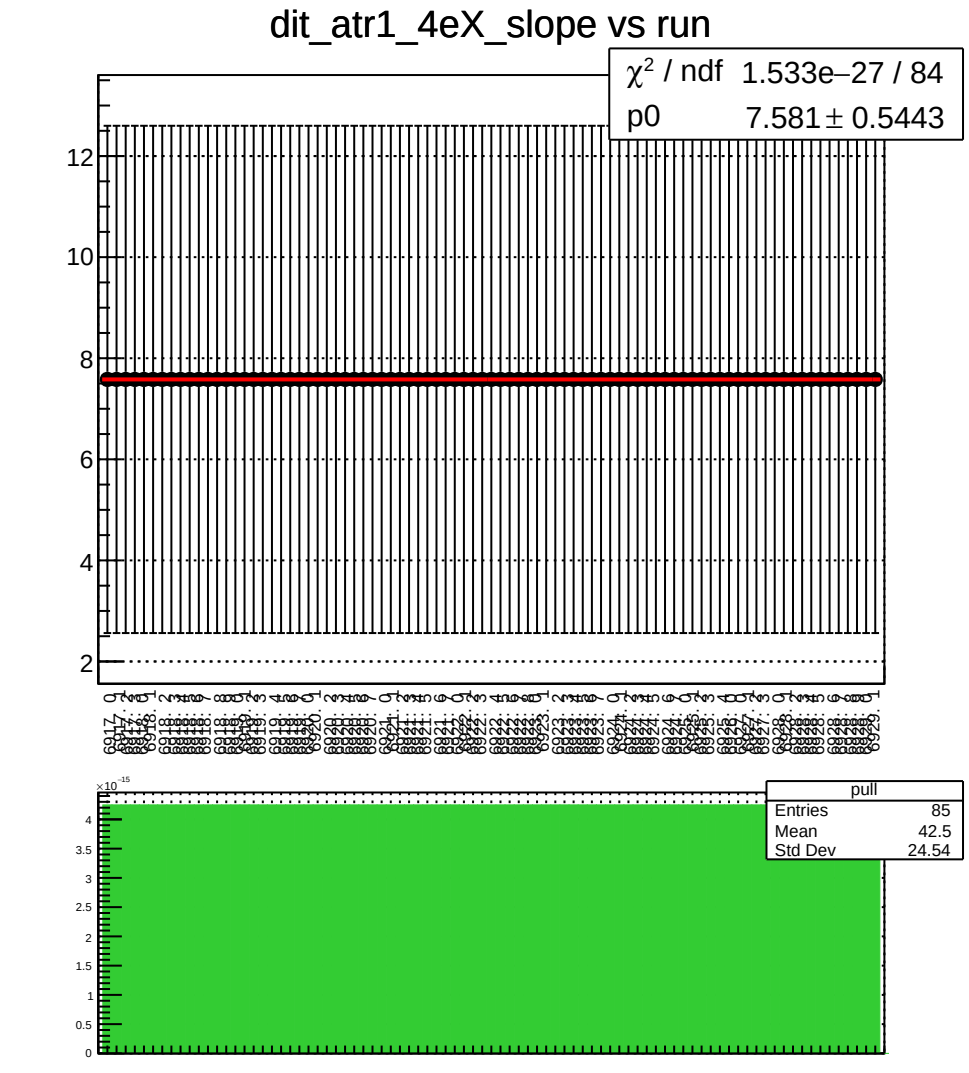

dit_atl2_4aY_slope vs run
χ² / ndf 1.636e−25 / 84
p0 17.32 ± 0.06149
18
17.8
17.6
17.4
17.2
17
16.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
45
40
35
30
25
20
15
10
5
0

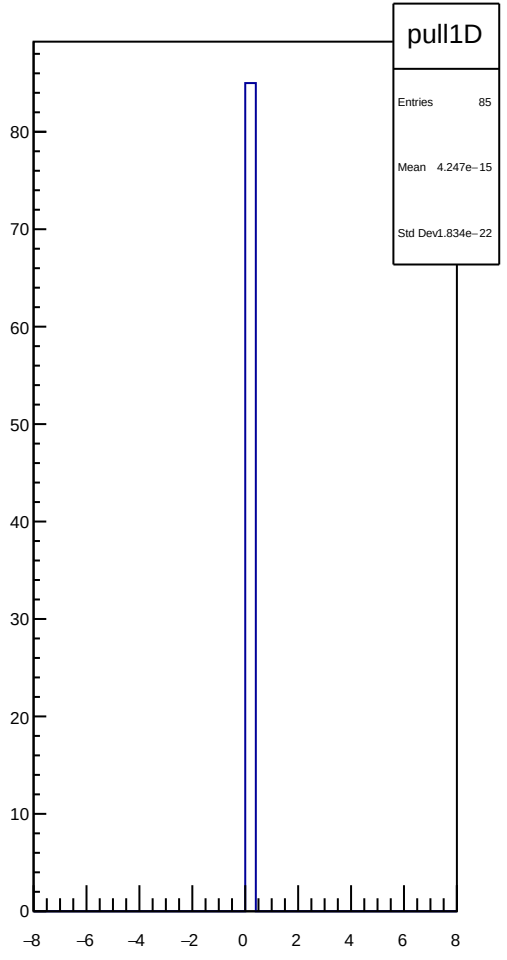

pull1D
Entries 85
Mean 4.387e−14
Std Dev1.894e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

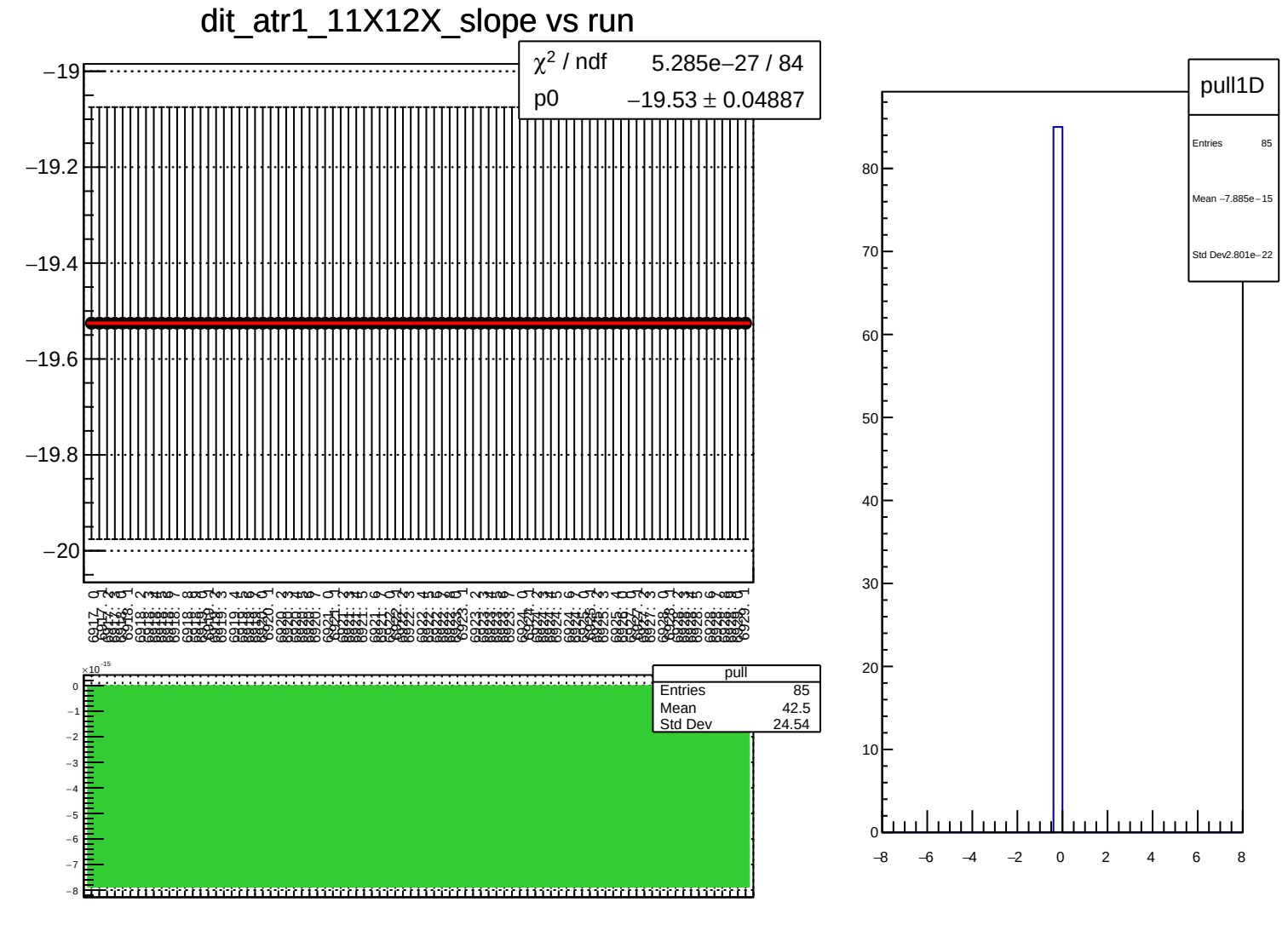

dit_atl2_4eY_slope vs run
χ² / ndf 8.66e−25 / 84
p0 132.7 ± 0.09162
133.6
133.4
133.2
133
132.8
132.6
132.4
132.2
132
131.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 85
Mean −1.009e−13
Std Dev1.694e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

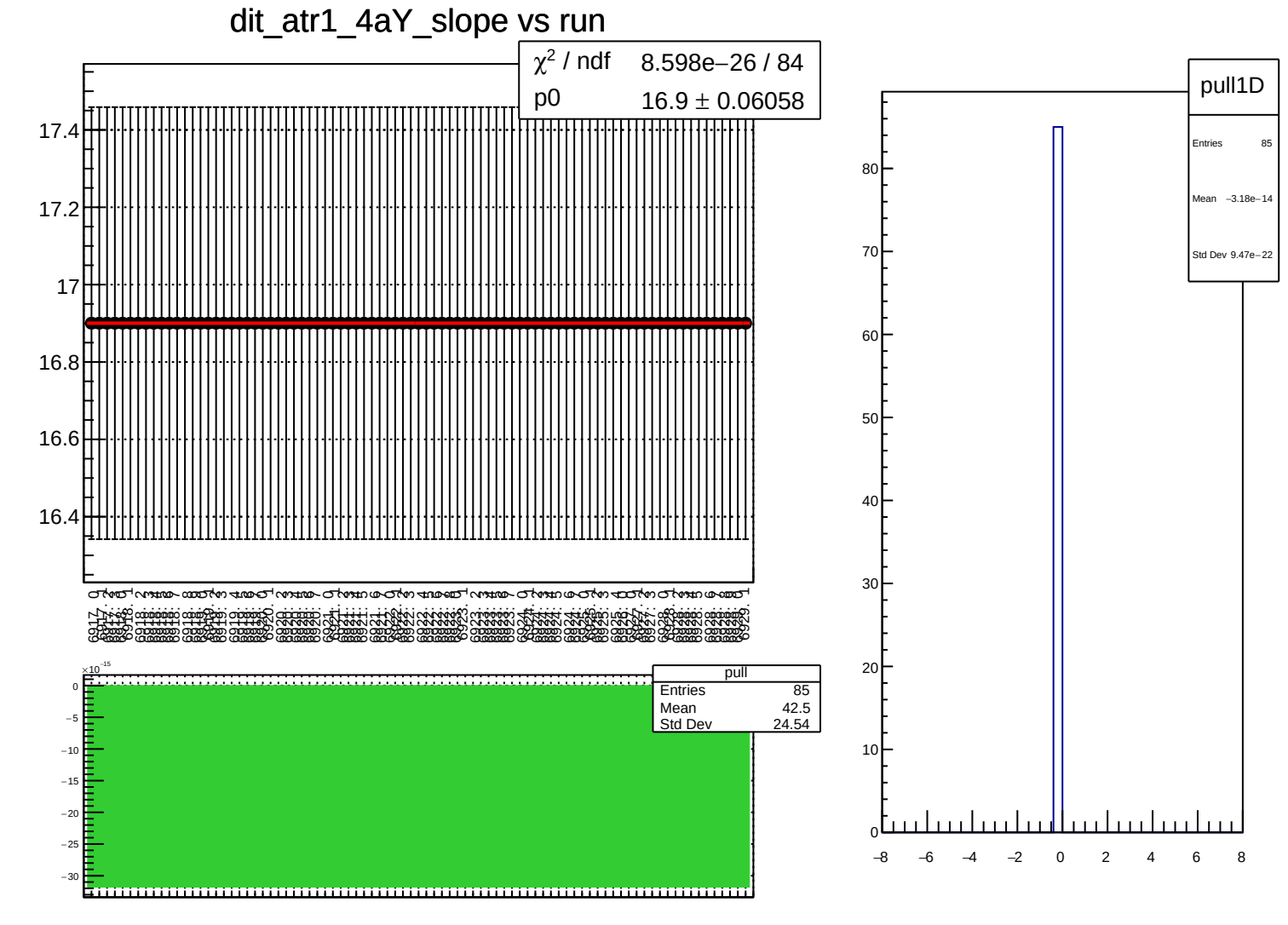

dit_atr1_4aX_slope vs run
χ² / ndf 3.741e−27 / 84
p0 −68.18 ± 0.697
−62
−64
−66
−68
−70
−72
−74
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−1
−2
−3
−4
−5
−6

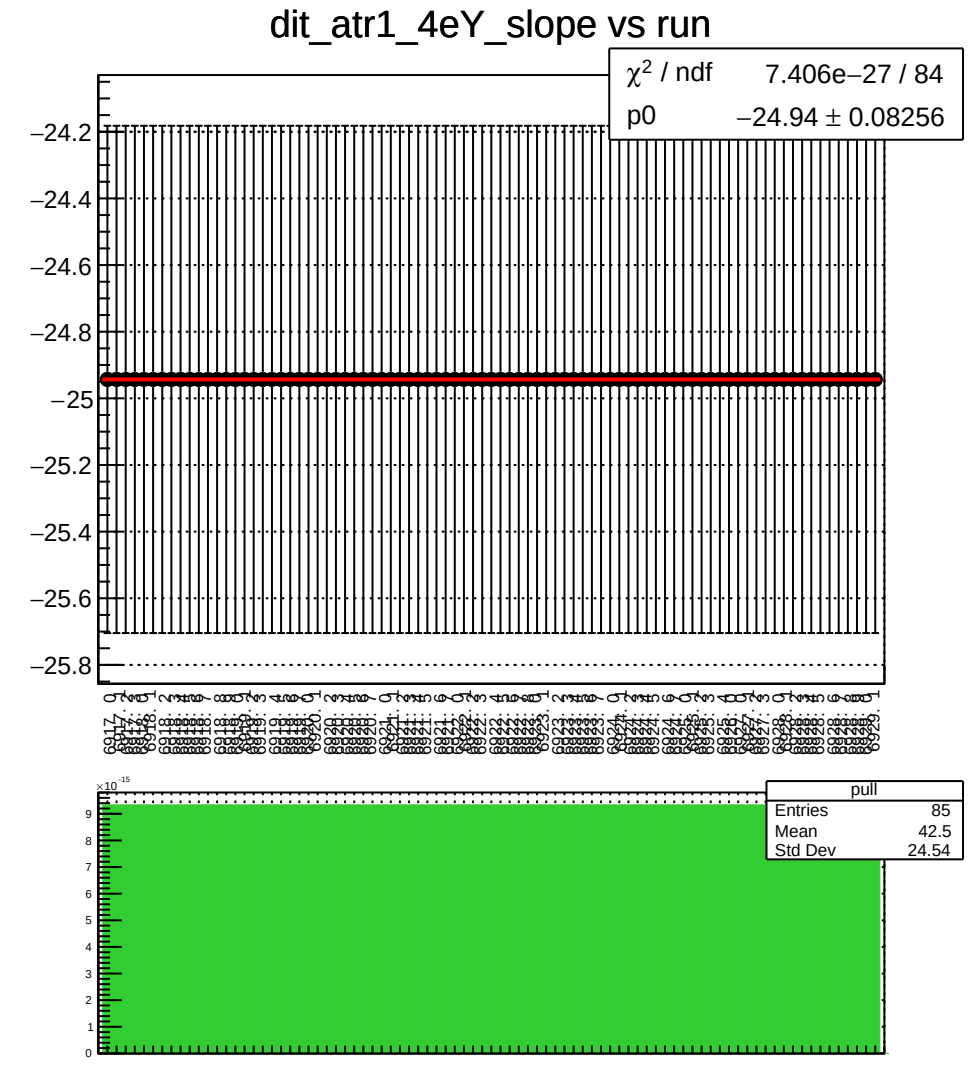

pull1D
Entries 85
Mean −6.634e−15
Std Dev 2.368e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

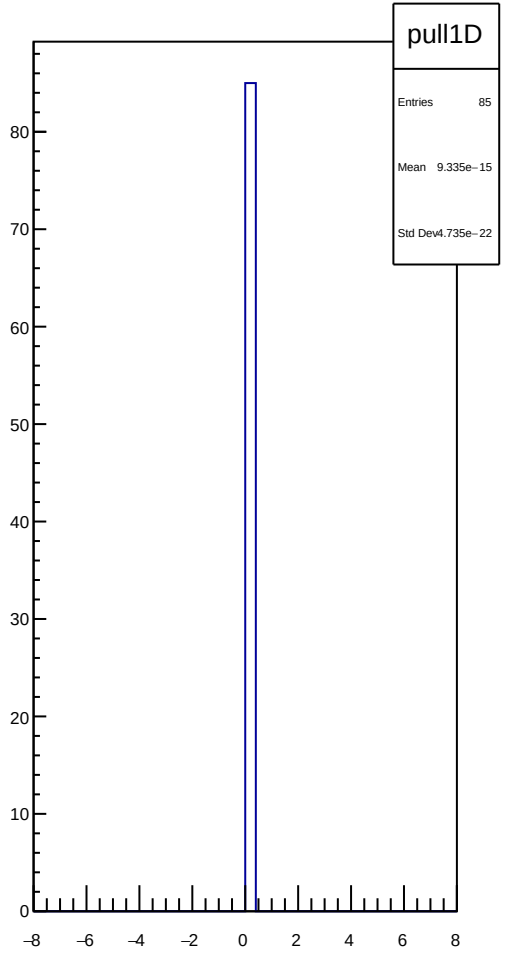

dit_atr1_4eX_slope vs run
χ² / ndf 1.533e−27 / 84
p0 7.581 ± 0.5443
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵

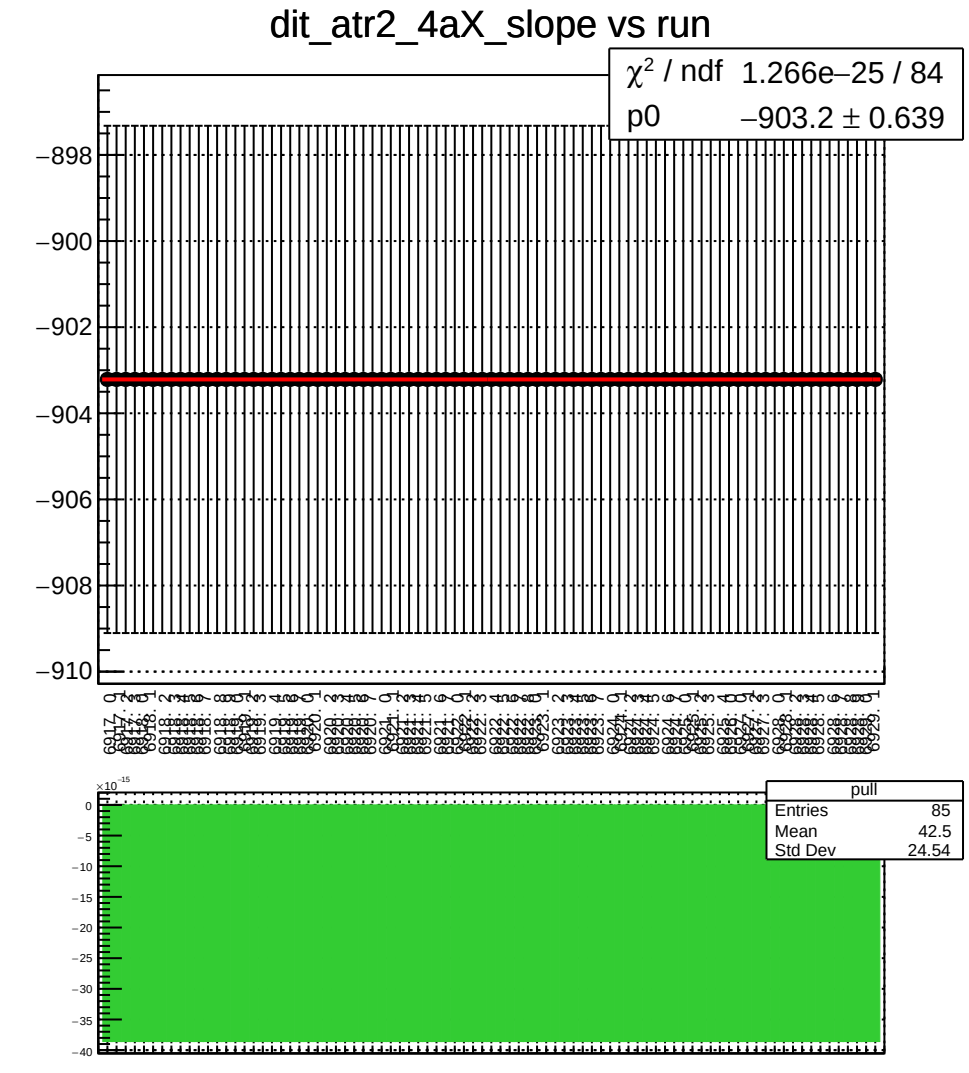

pull1D
Entries 85
Mean 4.247e−15
Std Dev 1.834e−22

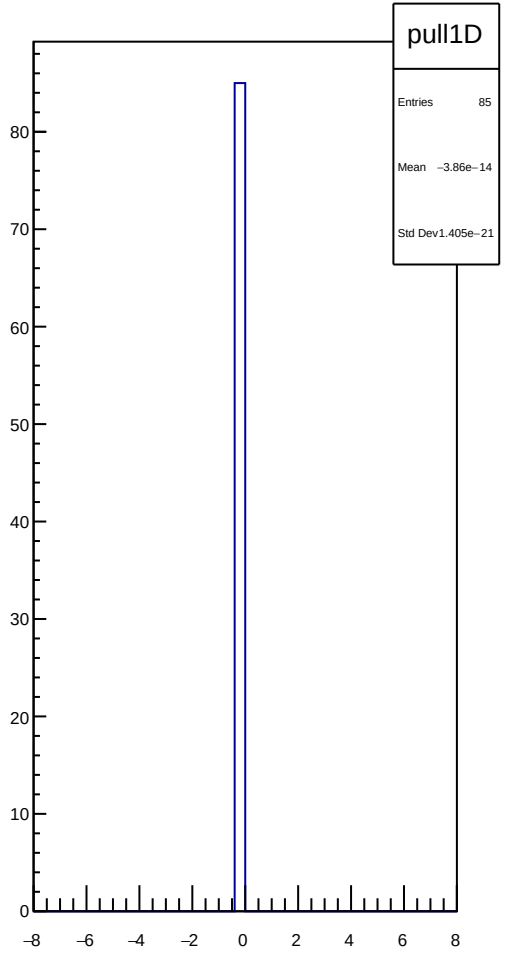

dit_atr1_11X12X_slope vs run
χ² / ndf 5.285e−27 / 84
p0 −19.53 ± 0.04887
−19
−19.2
−19.4
−19.6
−19.8
−20
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
pull1D
Entries 85
Mean −7.885e−15
Std Dev 2.801e−22

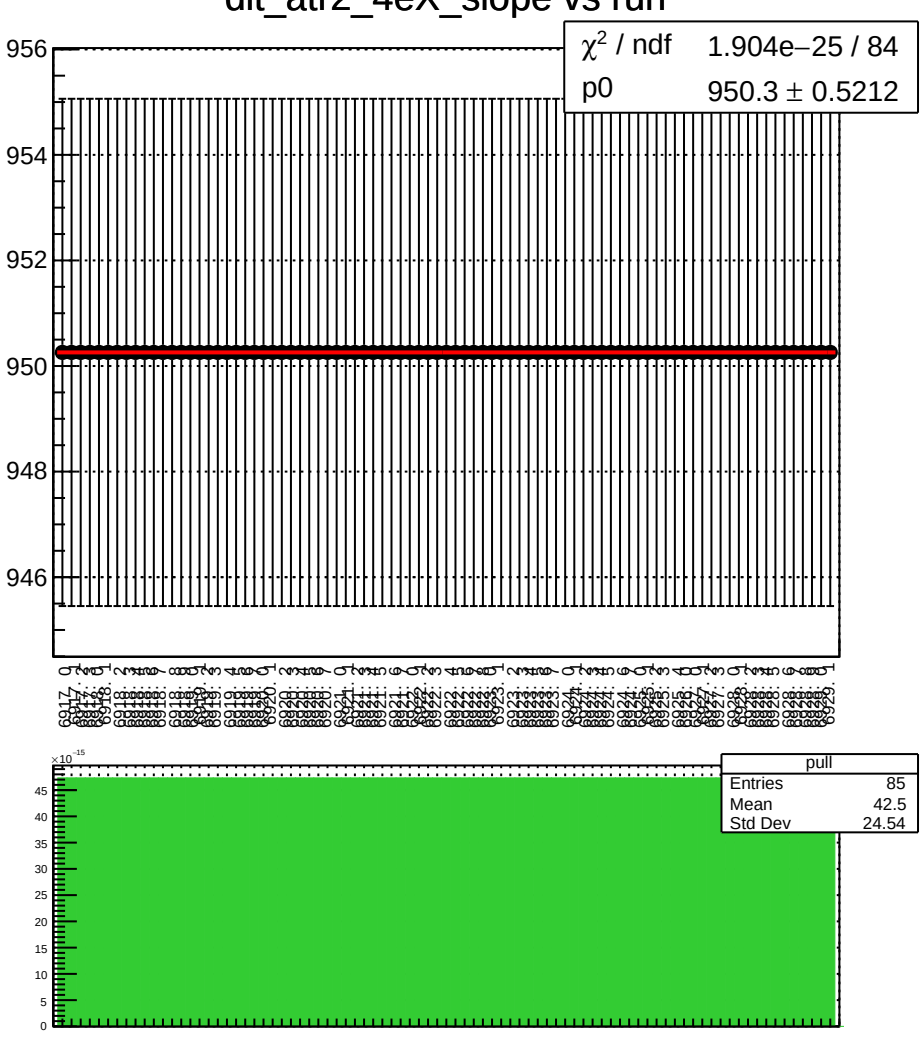

dit_atr1_4aY_slope vs run
χ² / ndf 8.598e−26 / 84
p0 16.9 ± 0.06058
17.4
17.2
17
16.8
16.6
16.4
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
pull1D
Entries 85
Mean −3.18e−14
Std Dev 9.47e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

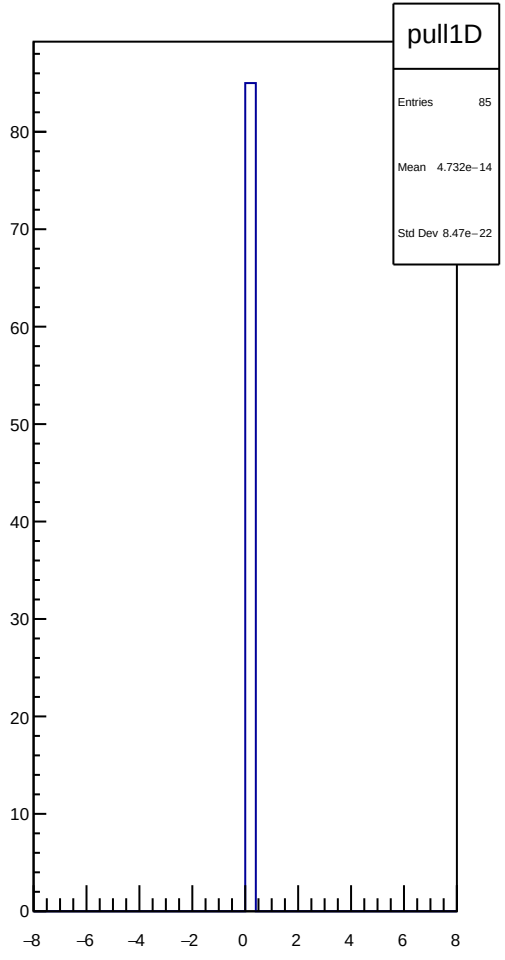

dit_atr1_4eY_slope vs run
χ² / ndf 7.406e−27 / 84
p0 −24.94 ± 0.08256
−24.2
−24.4
−24.6
−24.8
−25
−25.2
−25.4
−25.6
−25.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵

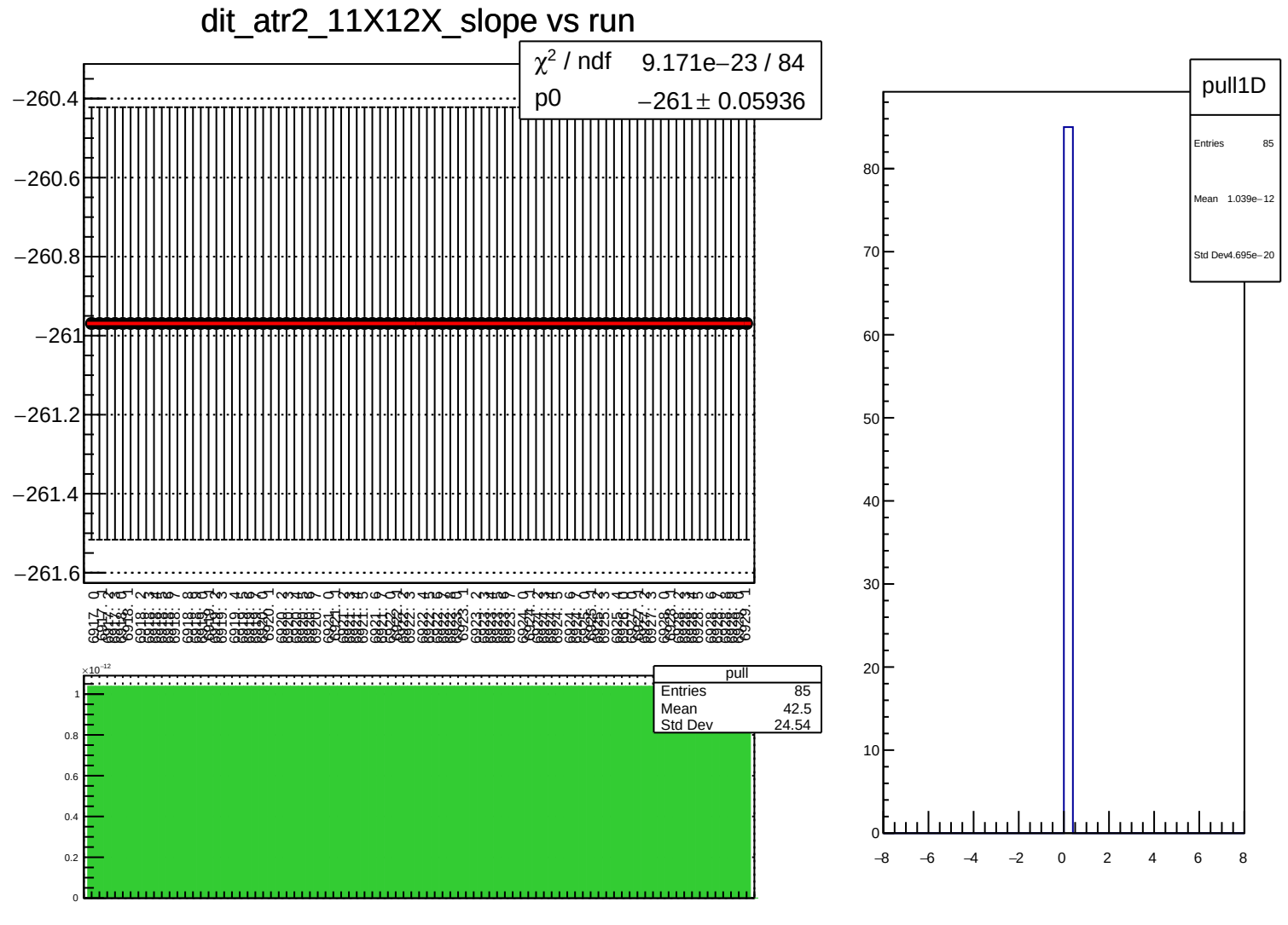

pull1D
Entries 85
Mean 9.335e−15
Std Dev 4.735e−22

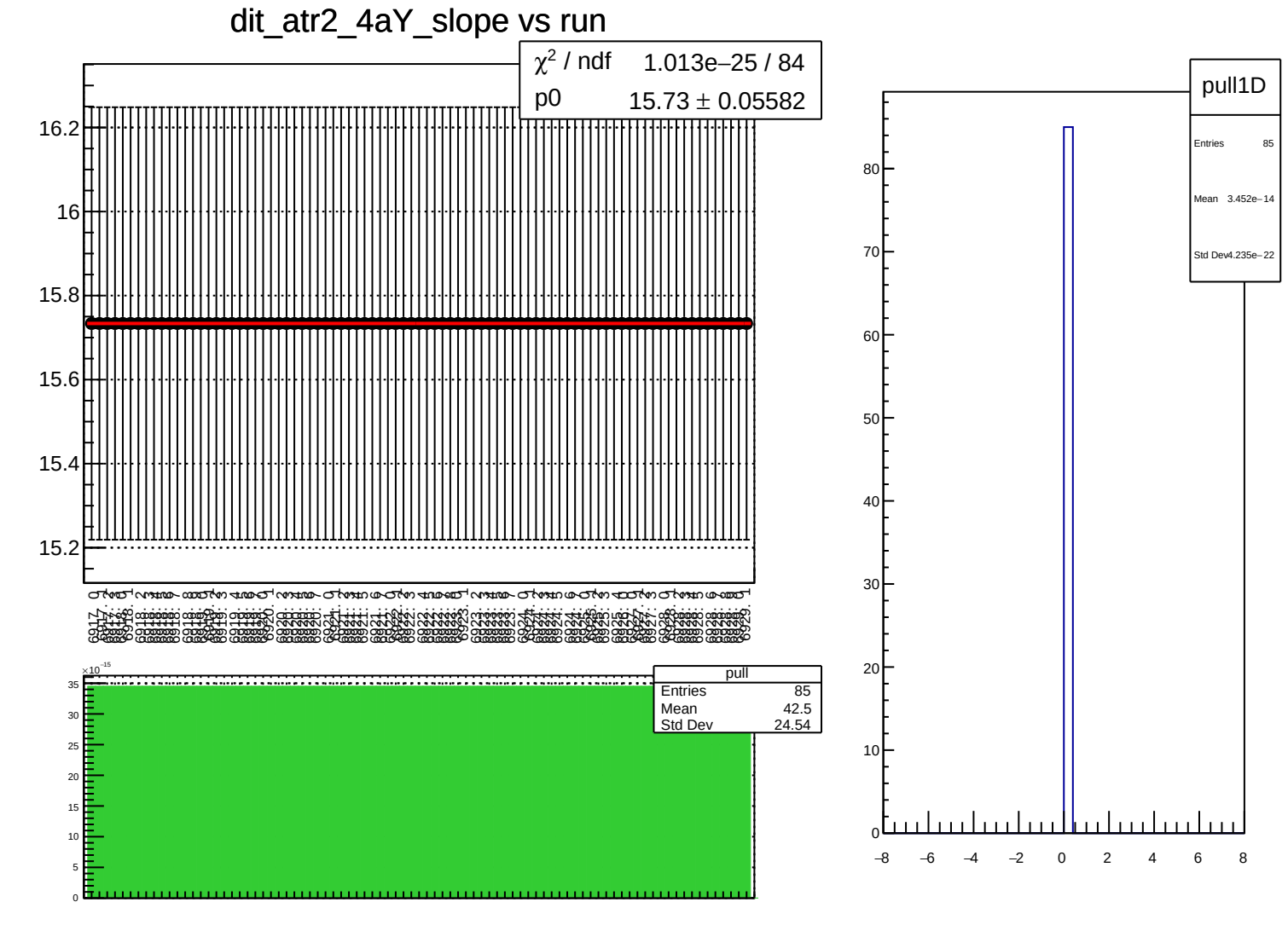

dit_atr2_4aX_slope vs run
χ² / ndf 1.266e−25 / 84
p0 −903.2 ± 0.639
−898
−900
−902
−904
−906
−908
−910
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
−40

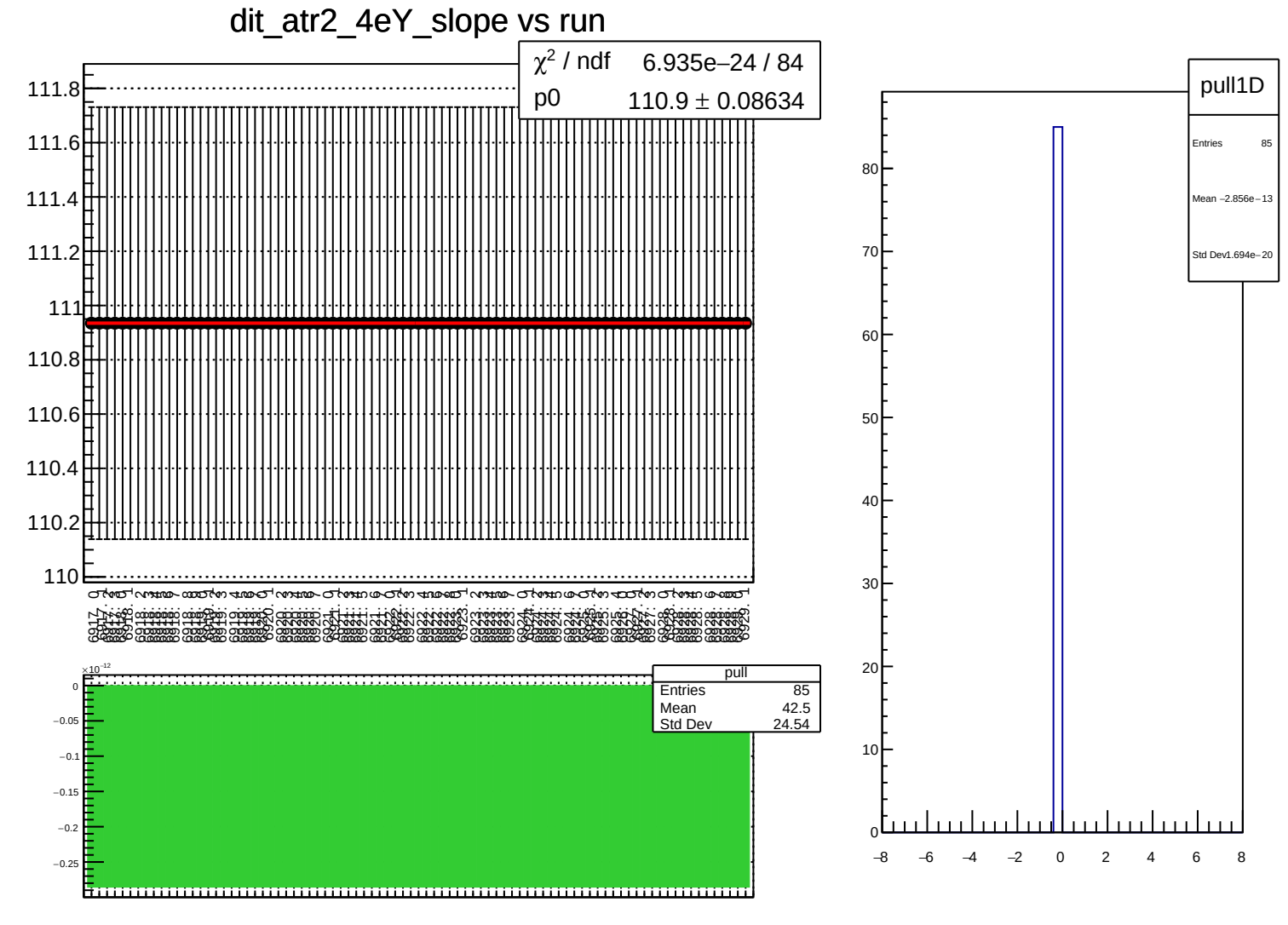

pull1D
Entries 85
Mean −3.86e−14
Std Dev1.405e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

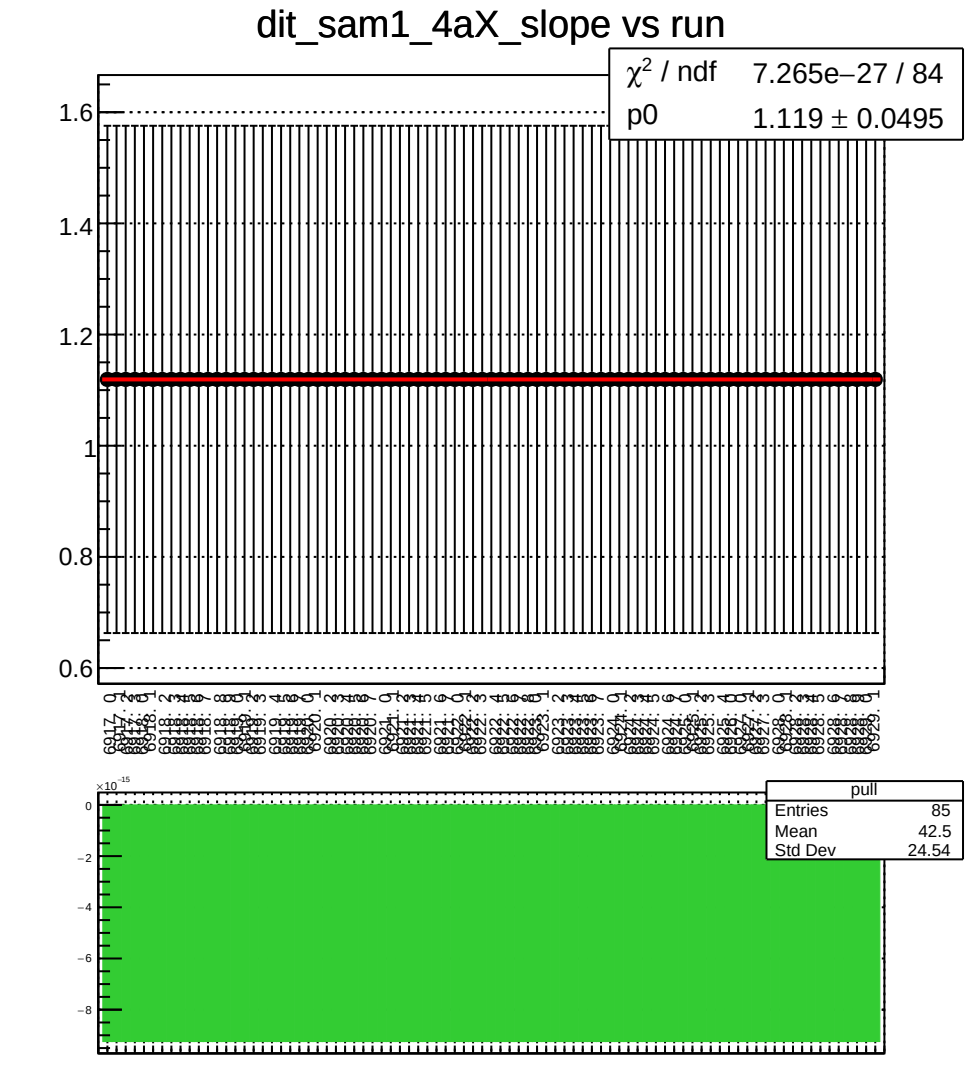

dit_atr2_4eX_slope vs run
χ² / ndf 1.904e−25 / 84
p0 950.3 ± 0.5212
956
954
952
950
948
946
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
45
40
35
30
25
20
15
10
5
0

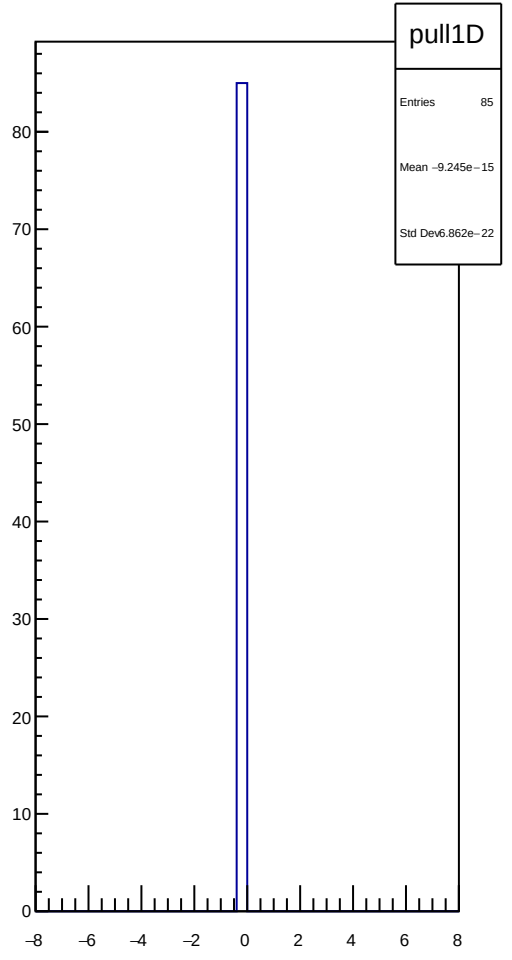

pull1D
Entries 85
Mean 4.732e−14
Std Dev 8.47e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

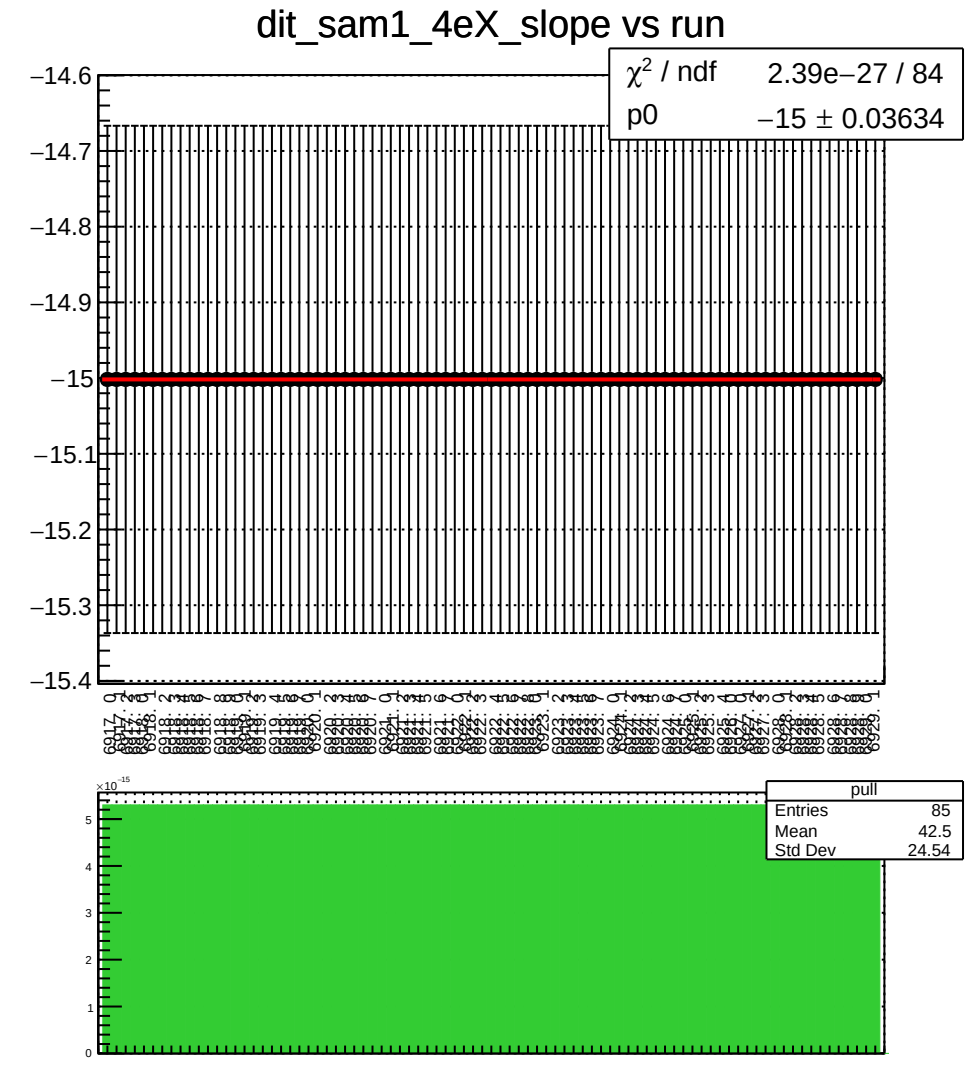

dit_atr2_11X12X_slope vs run
χ² / ndf 9.171e−23 / 84
p0 −261 ± 0.05936
−260.4
−260.6
−260.8
−261
−261.2
−261.4
−261.6
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
1
0.8
0.6
0.4
0.2
0
pull1D
Entries 85
Mean 1.039e−12
Std Dev 4.695e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

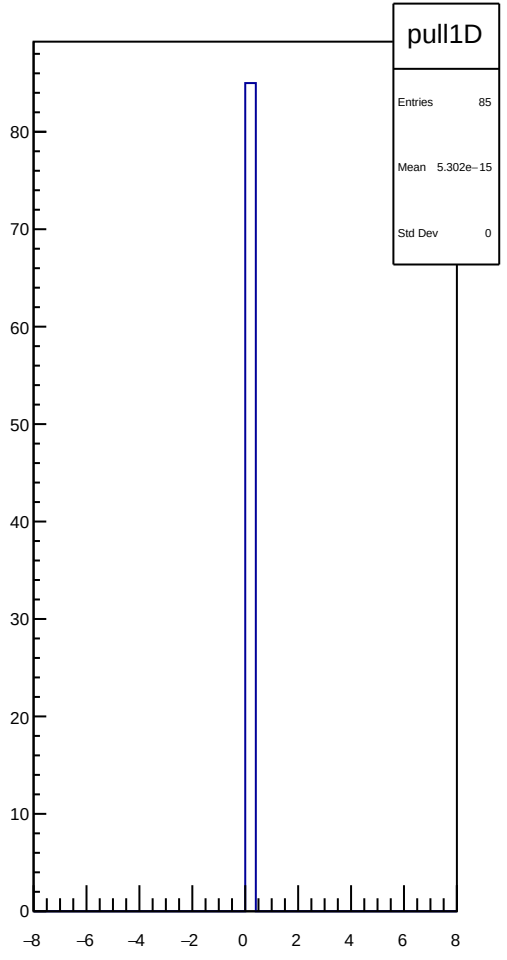

dit_atr2_4aY_slope vs run
χ² / ndf 1.013e−25 / 84
p0 15.73 ± 0.05582
16.2
16
15.8
15.6
15.4
15.2
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
35
30
25
20
15
10
5
0
pull1D
Entries 85
Mean 3.452e−14
Std Dev4.235e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

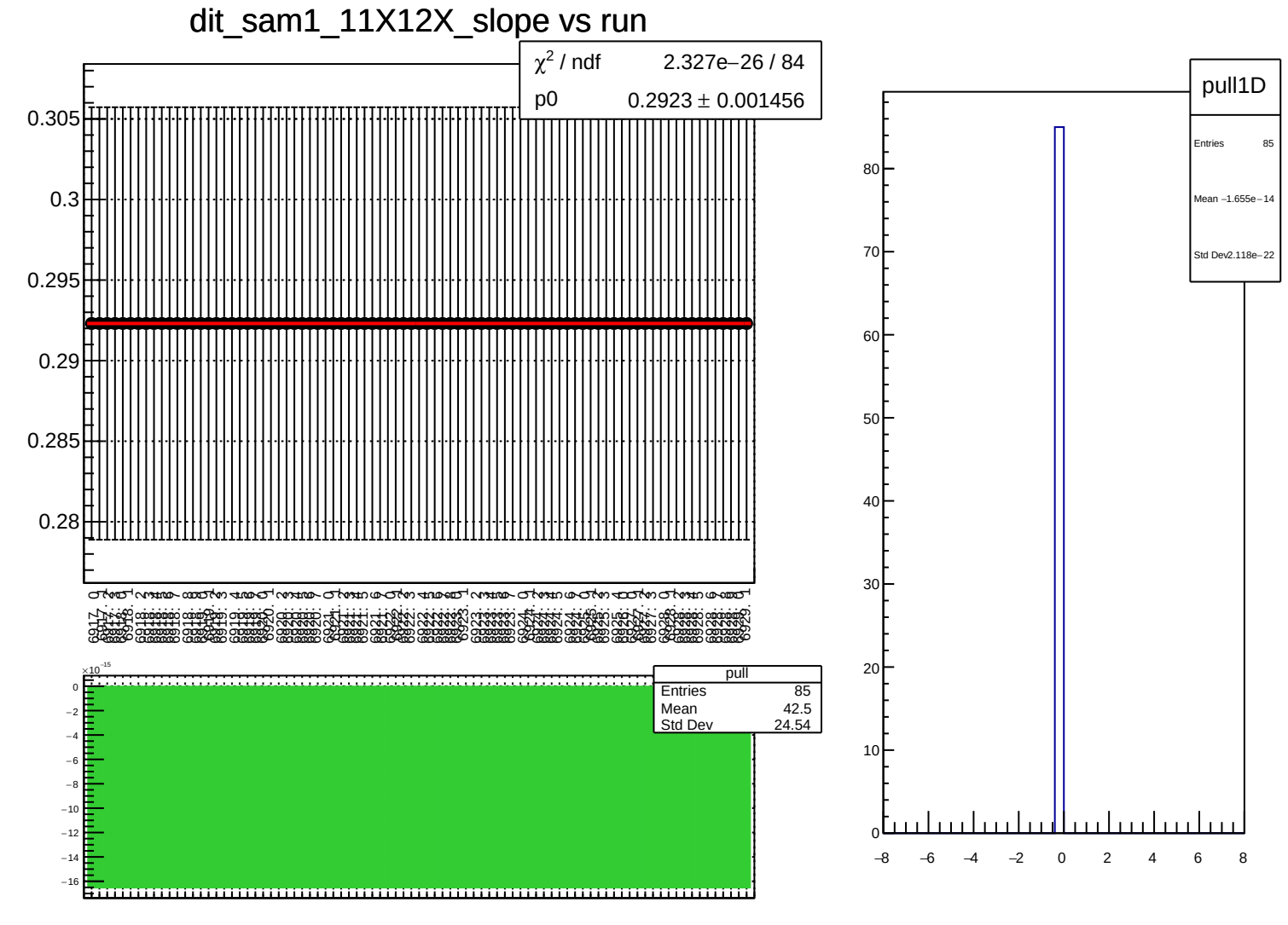

dit_atr2_4eY_slope vs run
χ² / ndf 6.935e−24 / 84
p0 110.9 ± 0.08634
111.8
111.6
111.4
111.2
111
110.8
110.6
110.4
110.2
110
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
pull1D
Entries 85
Mean −2.856e−13
Std Dev1.694e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

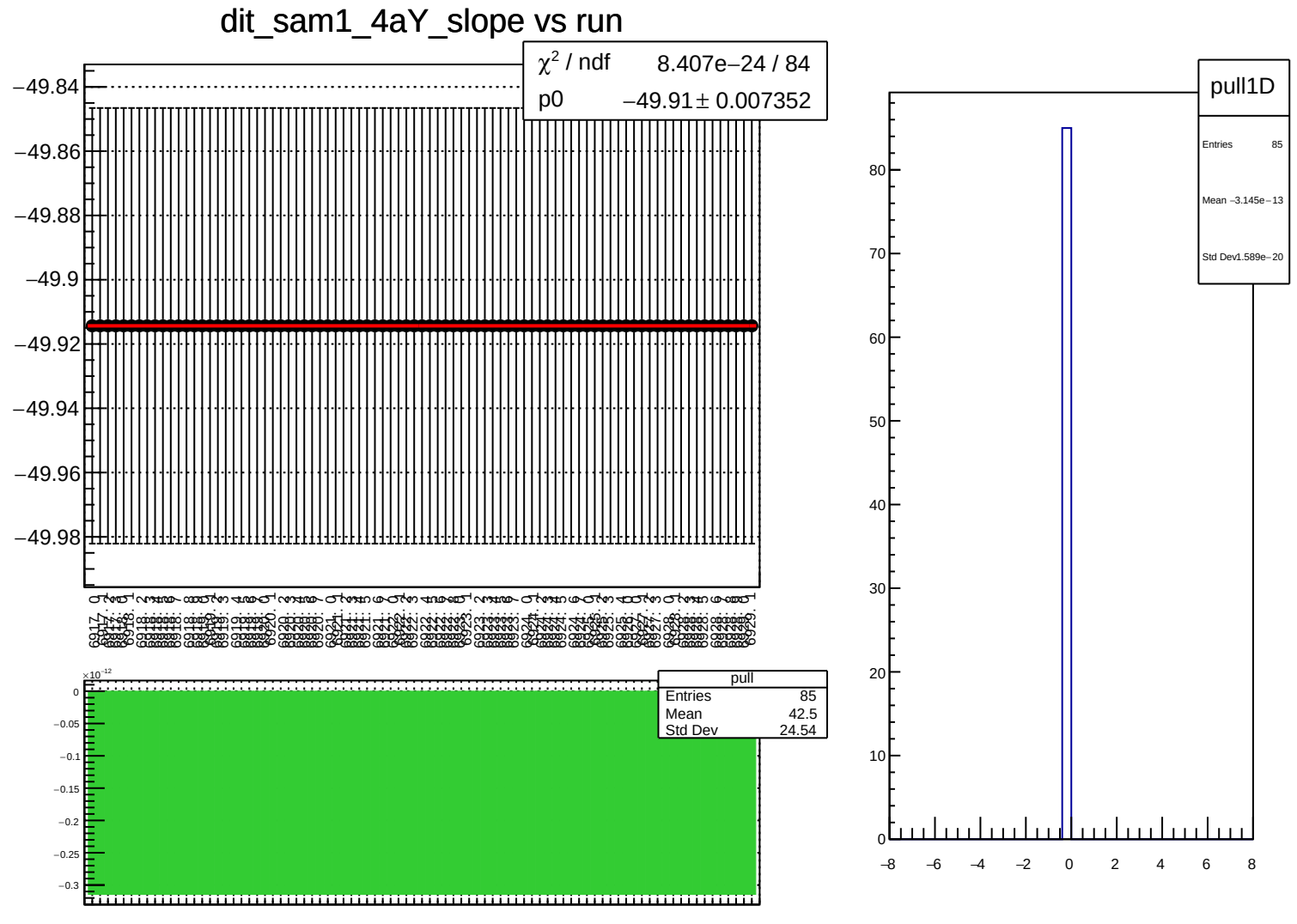

dit_sam1_4aX_slope vs run
χ² / ndf 7.265e−27 / 84
p0 1.119 ± 0.0495
1.6
1.4
1.2
1
0.8
0.6
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−2
−4
−6
−8

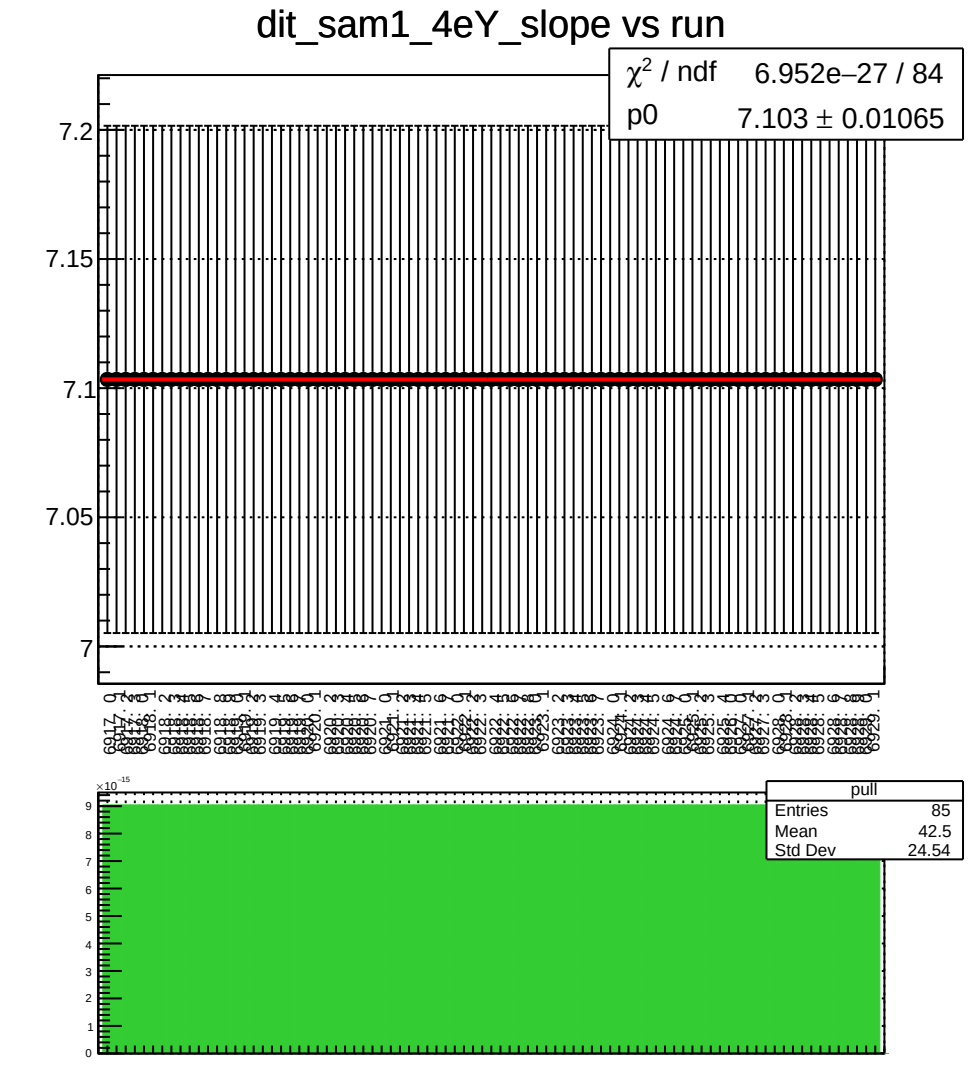

pull1D
Entries 85
Mean −9.245e−15
Std Dev 6.862e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

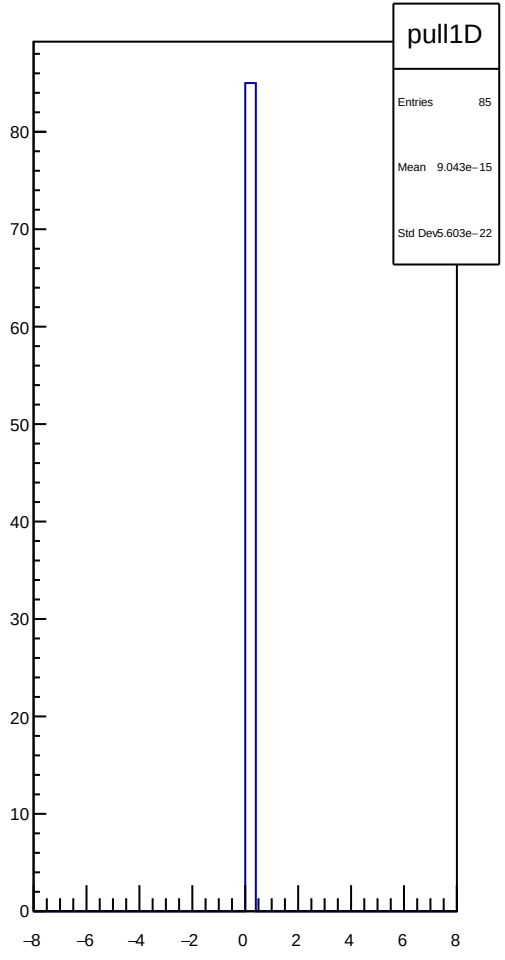

dit_sam1_4eX_slope vs run
χ² / ndf 2.39e−27 / 84
p0 −15 ± 0.03634
−14.6
−14.7
−14.8
−14.9
−15
−15.1
−15.2
−15.3
−15.4
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
5
4
3
2
1
0

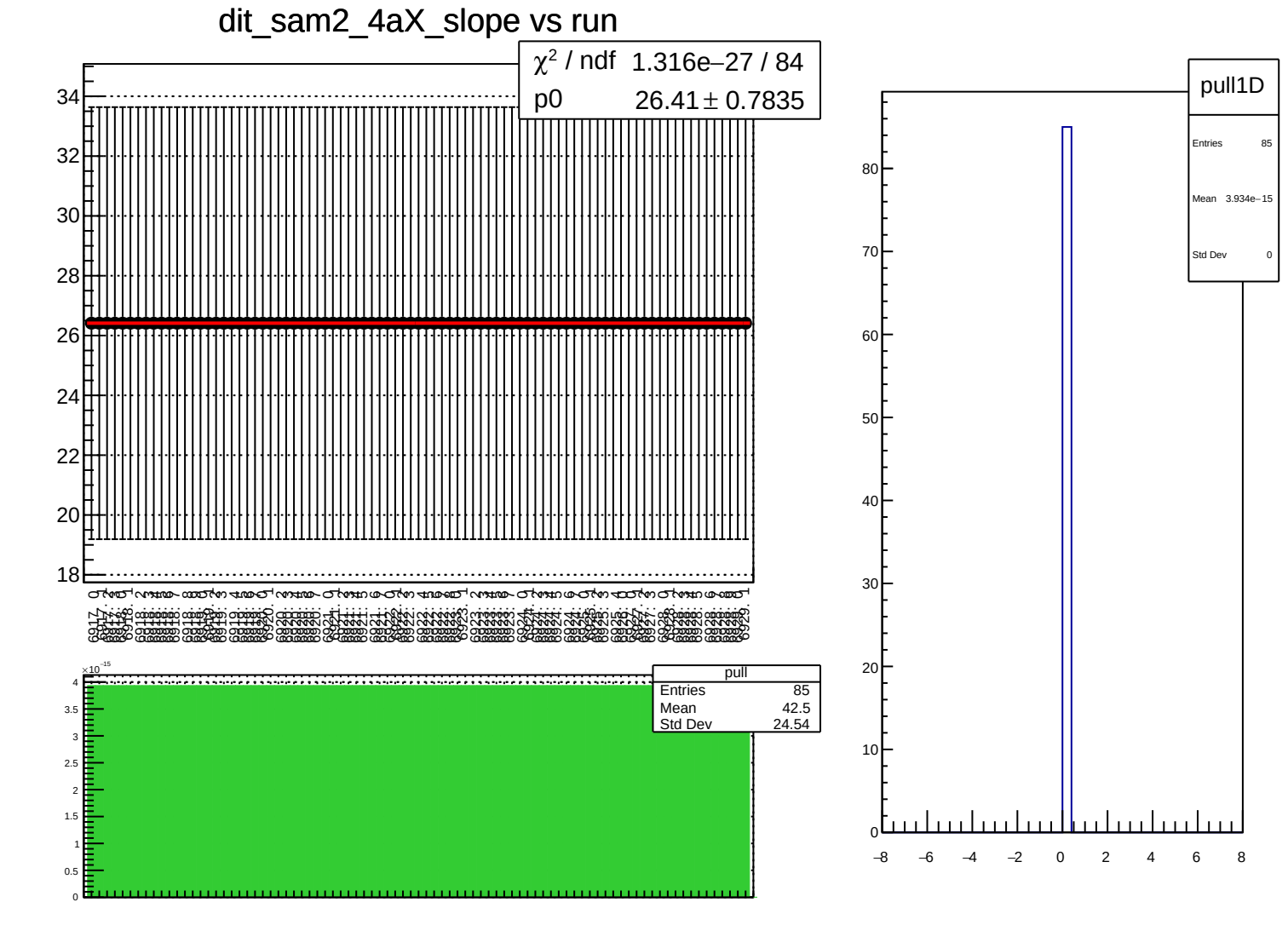

pull1D
Entries 85
Mean 5.302e−15
Std Dev 0
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

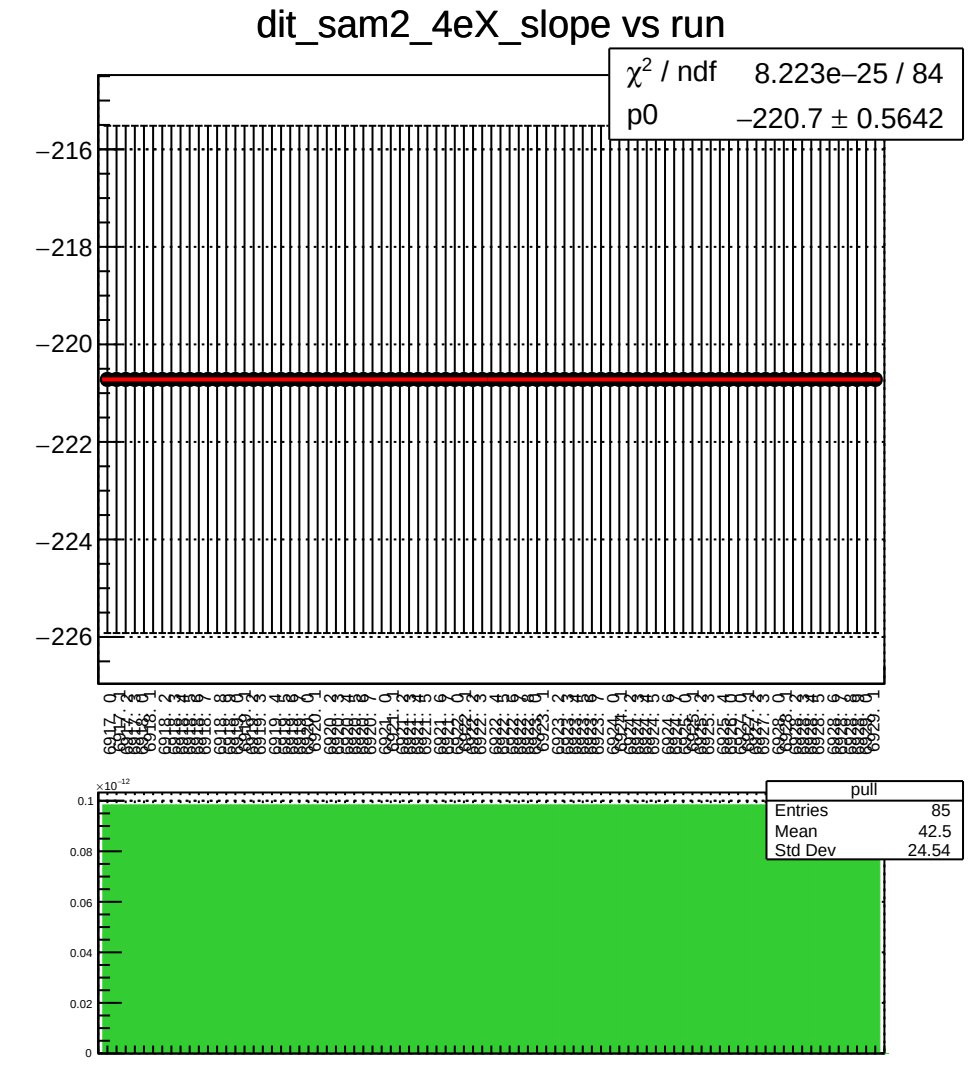

dit_sam1_11X12X_slope vs run
χ² / ndf 2.327e−26 / 84
p0 0.2923 ± 0.001456
0.305
0.3
0.295
0.29
0.285
0.28
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
pull1D
Entries 85
Mean −1.655e−14
Std Dev 2.118e−22

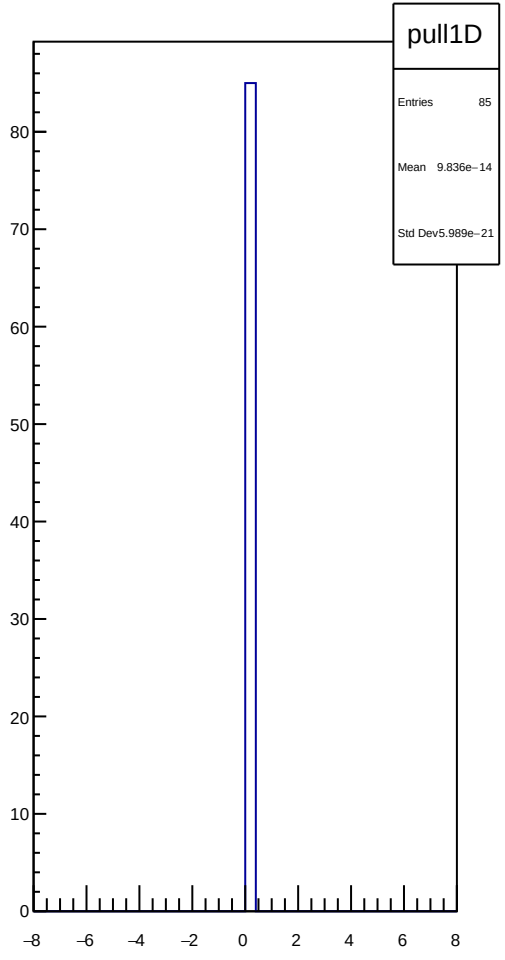

dit_sam1_4aY_slope vs run
χ² / ndf 8.407e−24 / 84
p0 −49.91 ± 0.007352
−49.84
−49.86
−49.88
−49.9
−49.92
−49.94
−49.96
−49.98
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3
pull1D
Entries 85
Mean −3.145e−13
Std Dev1.589e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

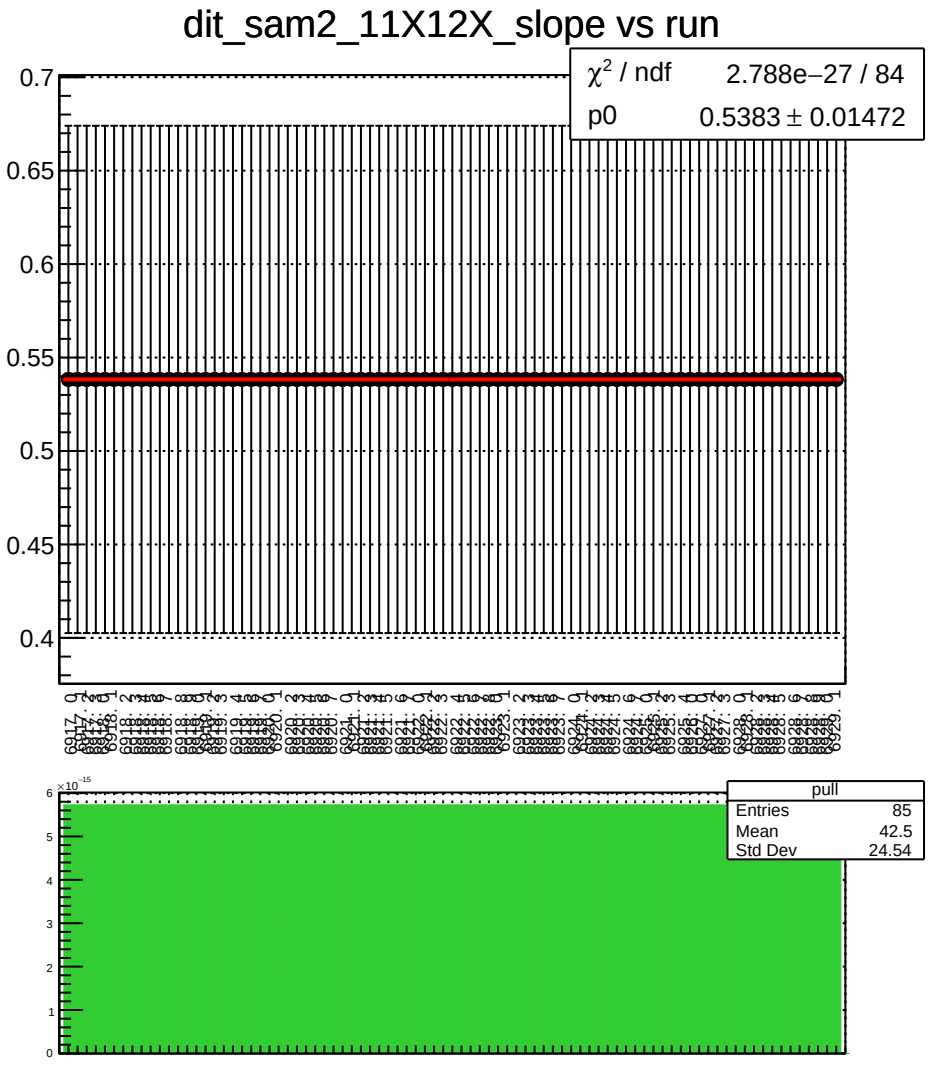

dit_sam1_4eY_slope vs run
χ² / ndf 6.952e−27 / 84
p0 7.103 ± 0.01065
7.2
7.15
7.1
7.05
7
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
9
8
7
6
5
4
3
2
1
0

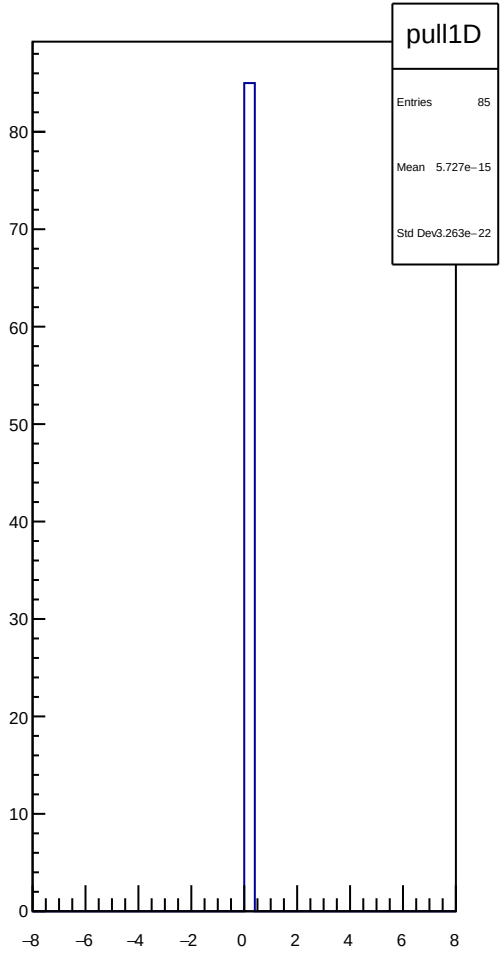

pull1D
Entries 85
Mean 9.043e−15
Std Dev5.603e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

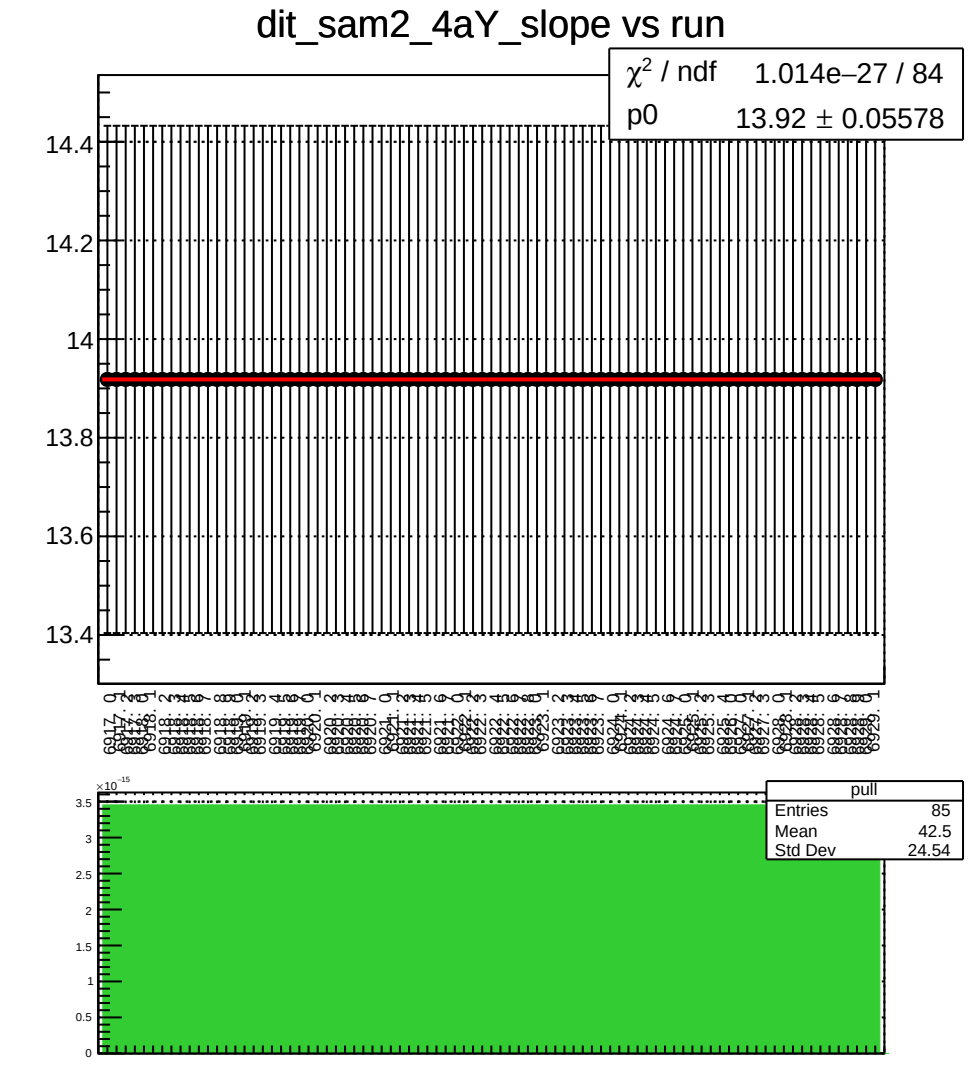

dit_sam2_4aX_slope vs run
χ² / ndf 1.316e−27 / 84
p0 26.41 ± 0.7835
pull
Entries 85
Mean 42.5
Std Dev 24.54
pull1D
Entries 85
Mean 3.934e−15
Std Dev 0

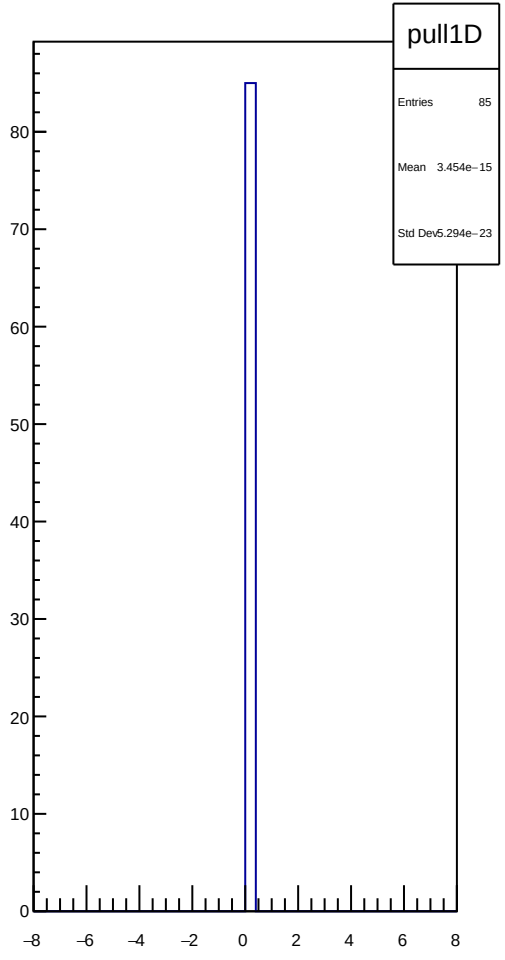

dit_sam2_4eX_slope vs run
χ² / ndf 8.223e−25 / 84
p0 −220.7 ± 0.5642
−216
−218
−220
−222
−224
−226
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0.1
0.08
0.06
0.04
0.02
0

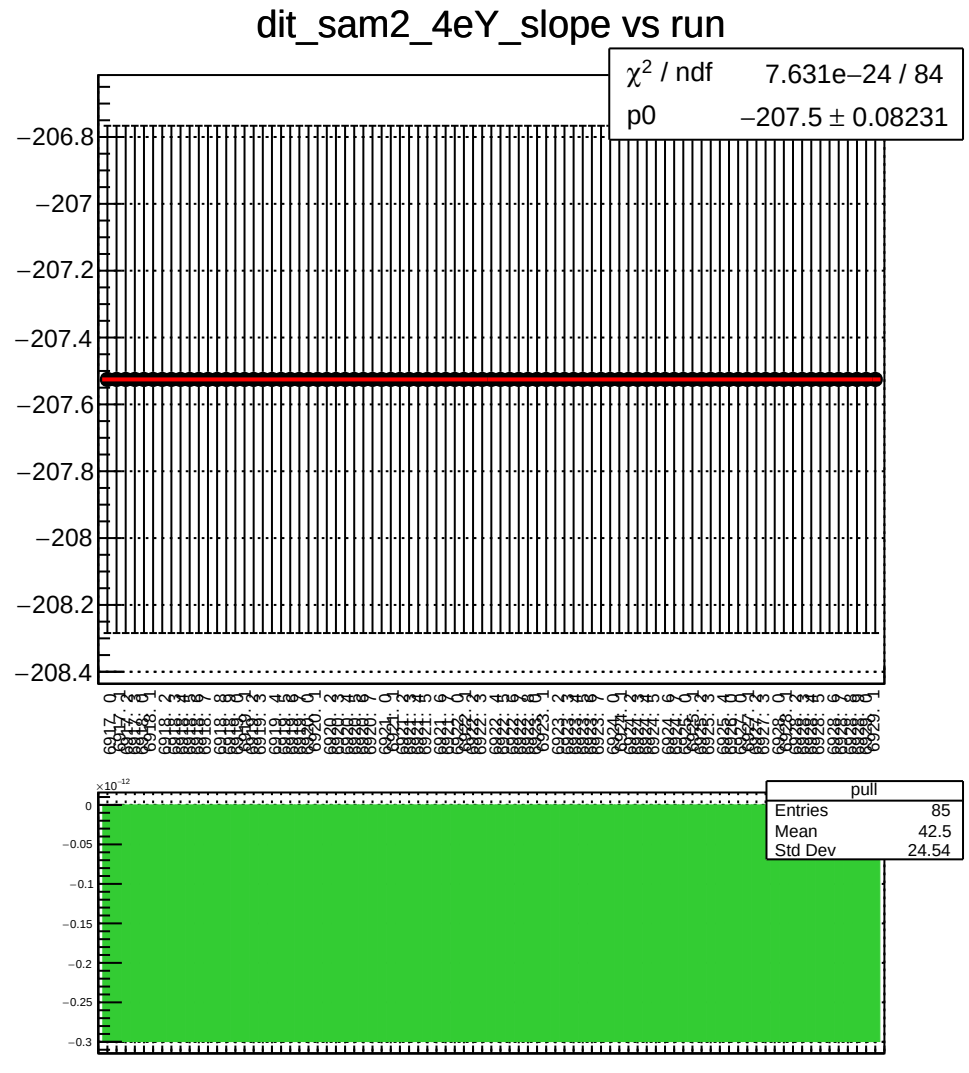

pull1D
Entries 85
Mean 9.836e−14
Std Dev 5.989e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

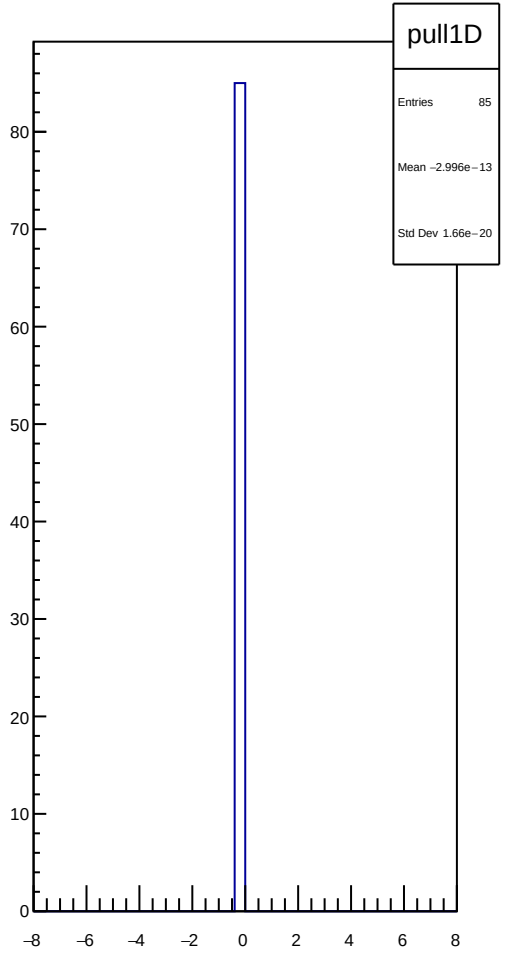

dit_sam2_11X12X_slope vs run
χ² / ndf 2.788e−27 / 84
p0 0.5383 ± 0.01472
0.7
0.65
0.6
0.55
0.5
0.45
0.4
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵

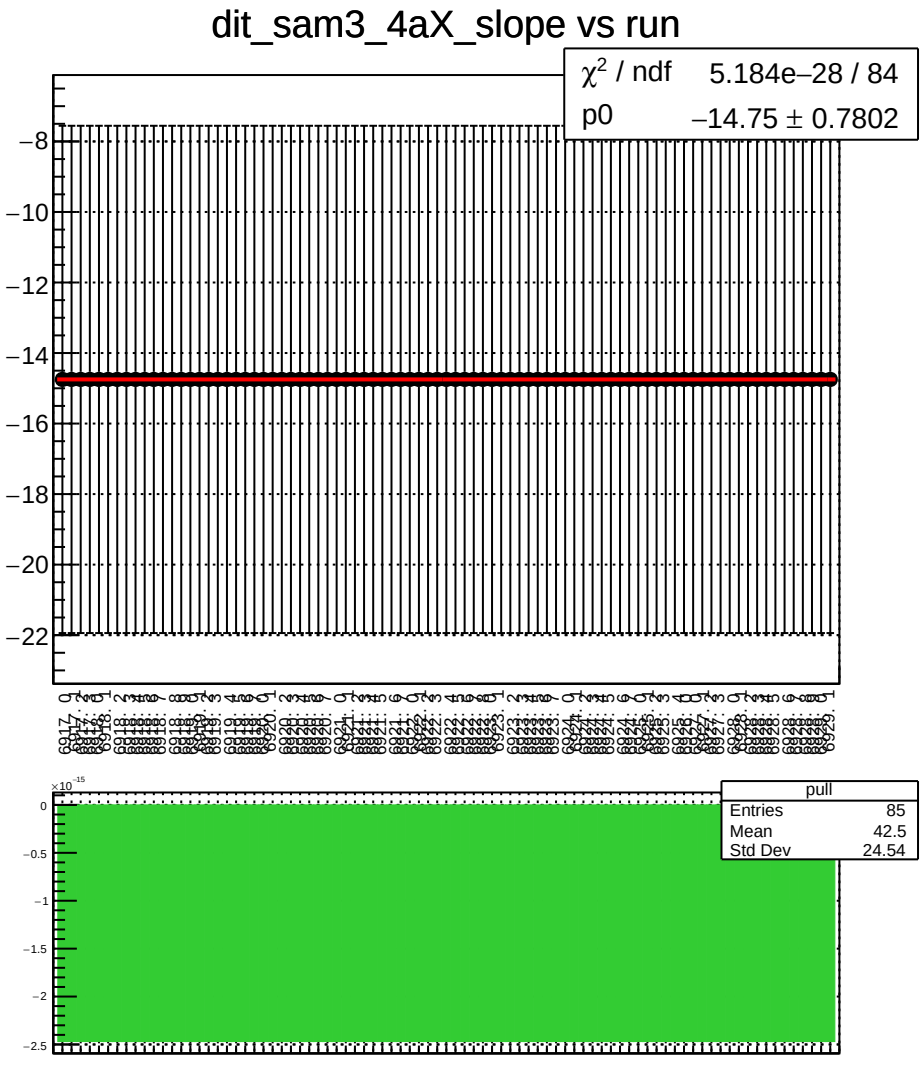

pull1D
Entries 85
Mean 5.727e−15
Std Dev 3.263e−22

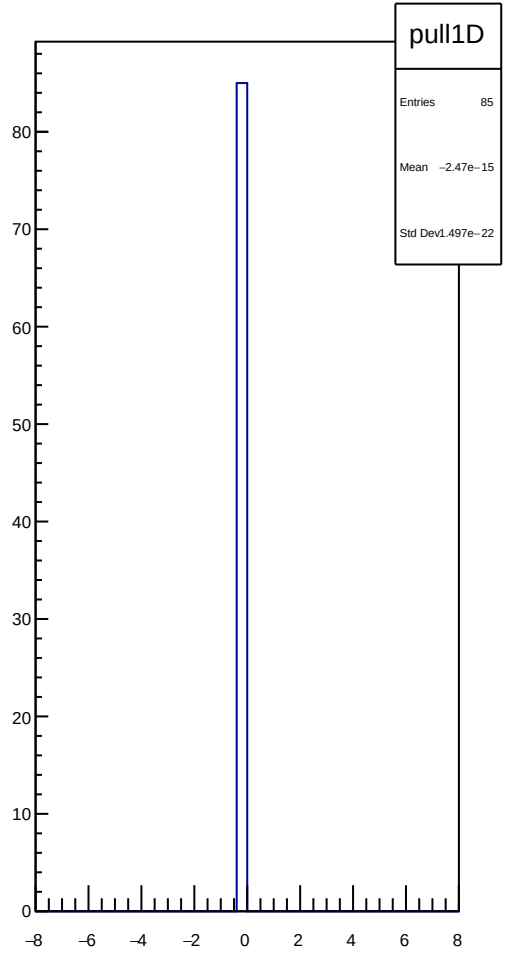

dit_sam2_4aY_slope vs run
χ² / ndf 1.014e−27 / 84
p0 13.92 ± 0.05578
14.4
14.2
14
13.8
13.6
13.4
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
3.5
3
2.5
2
1.5
1
0.5
0

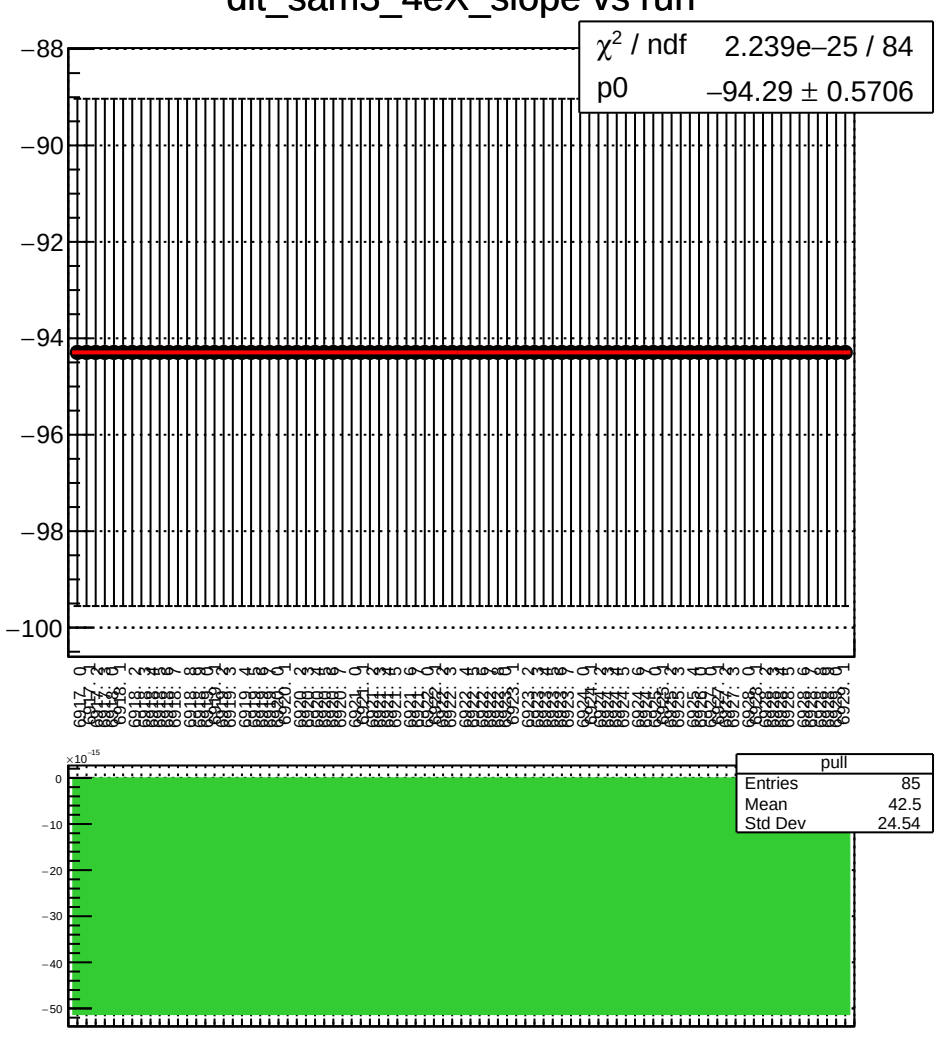

pull1D
Entries 85
Mean 3.454e−15
Std Dev 5.294e−23
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

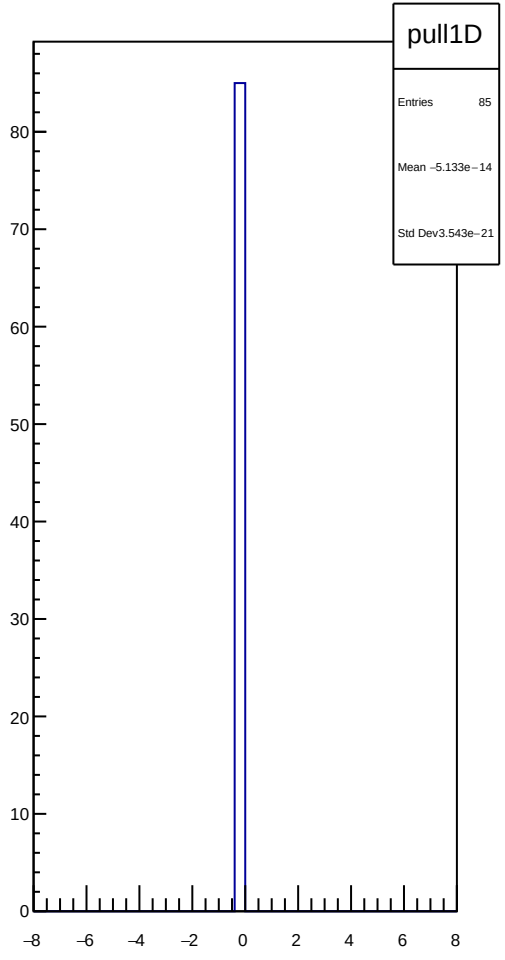

dit_sam2_4eY_slope vs run
χ² / ndf 7.631e−24 / 84
p0 −207.5 ± 0.08231
−206.8
−207
−207.2
−207.4
−207.6
−207.8
−208
−208.2
−208.4
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3

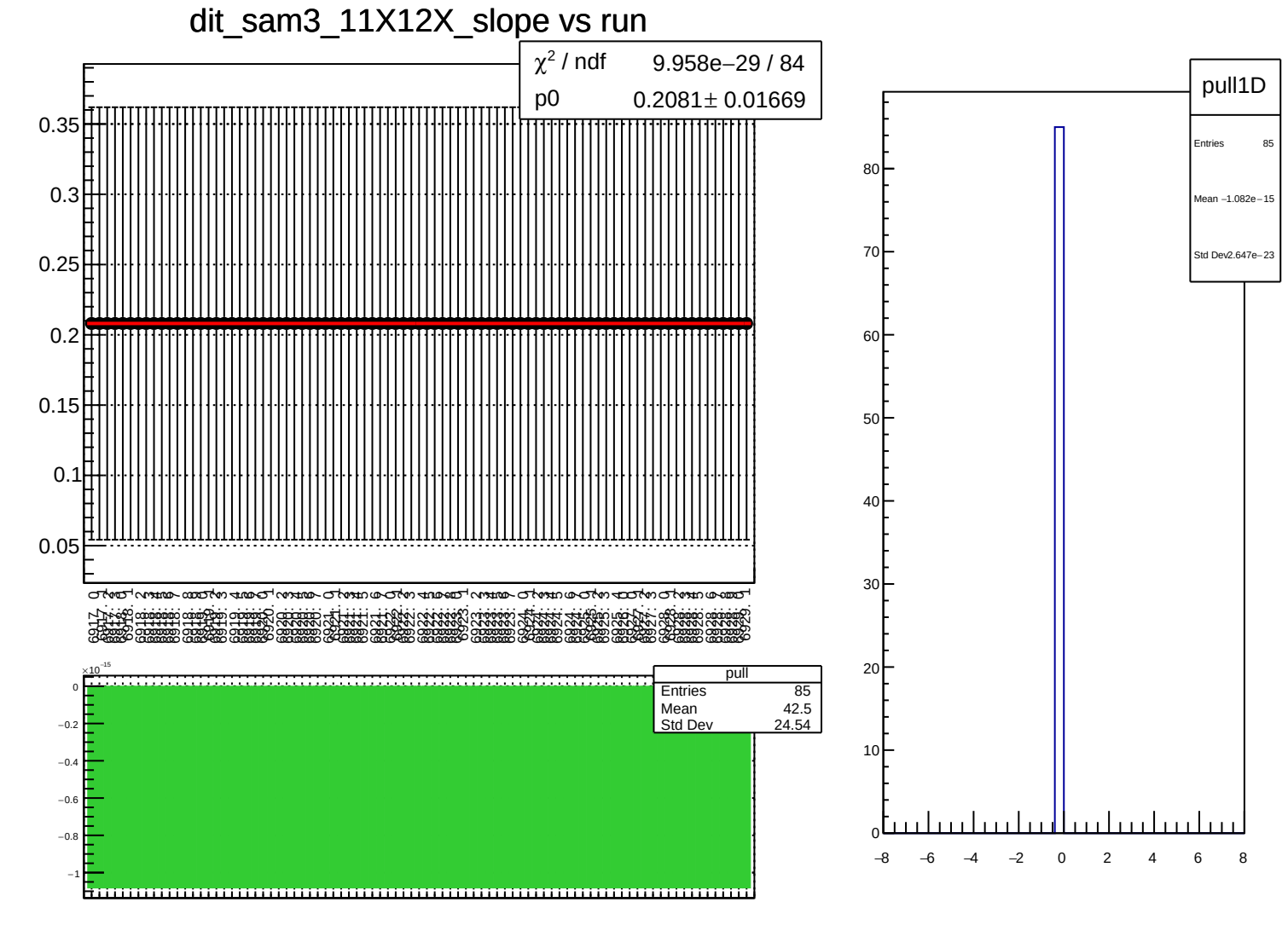

pull1D
Entries 85
Mean −2.996e−13
Std Dev 1.66e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

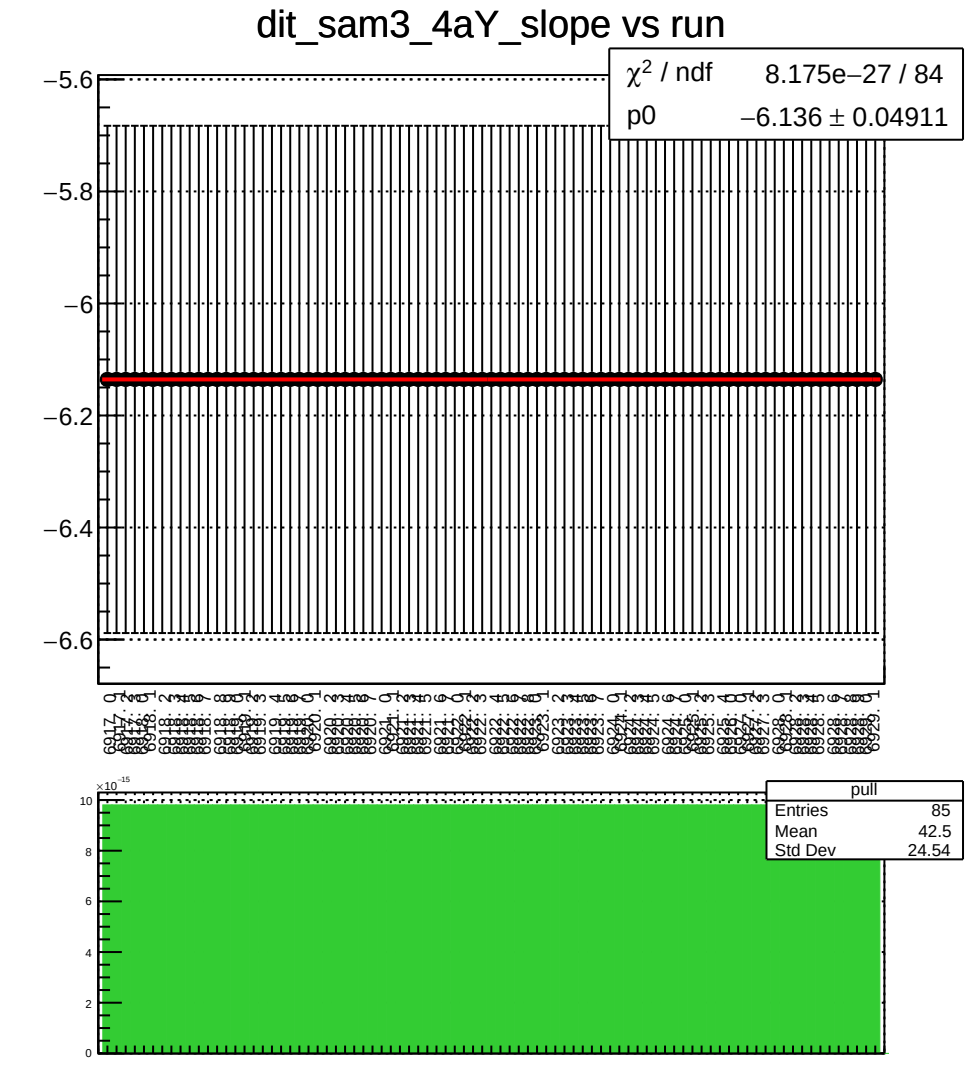

dit_sam3_4aX_slope vs run
χ² / ndf 5.184e−28 / 84
p0 −14.75 ± 0.7802
pull
Entries 85
Mean 42.5
Std Dev 24.54

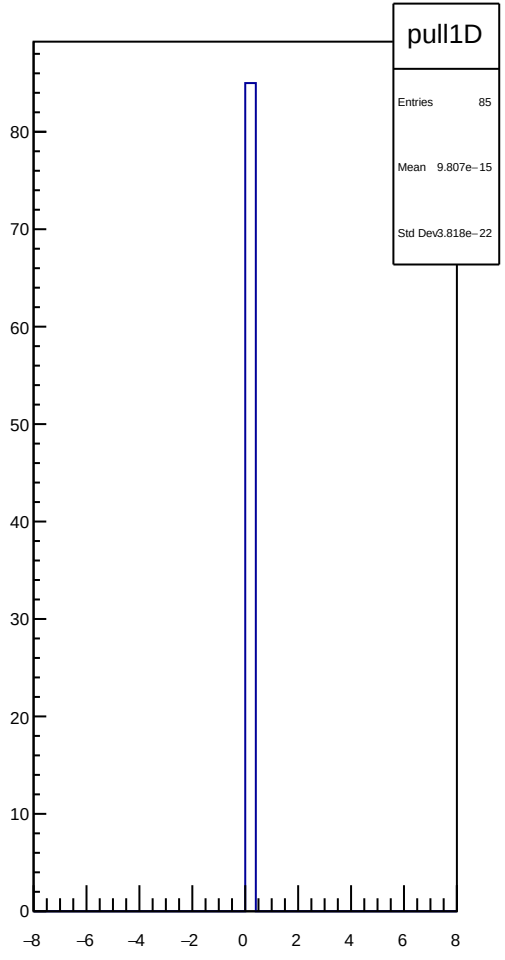

pull1D
Entries 85
Mean −2.47e−15
Std Dev1.497e−22

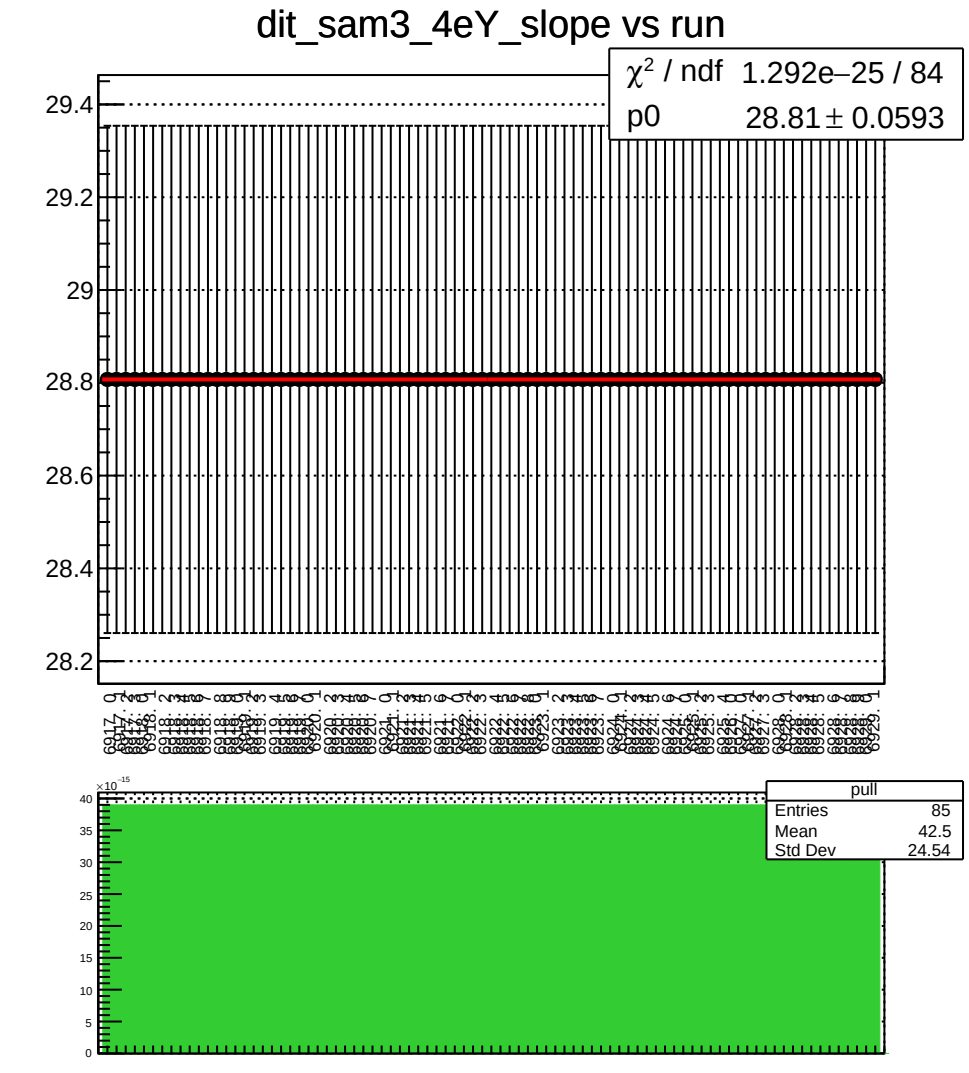

dit_sam3_4eX_slope vs run
χ² / ndf 2.239e−25 / 84
p0 −94.29 ± 0.5706
pull
Entries 85
Mean 42.5
Std Dev 24.54

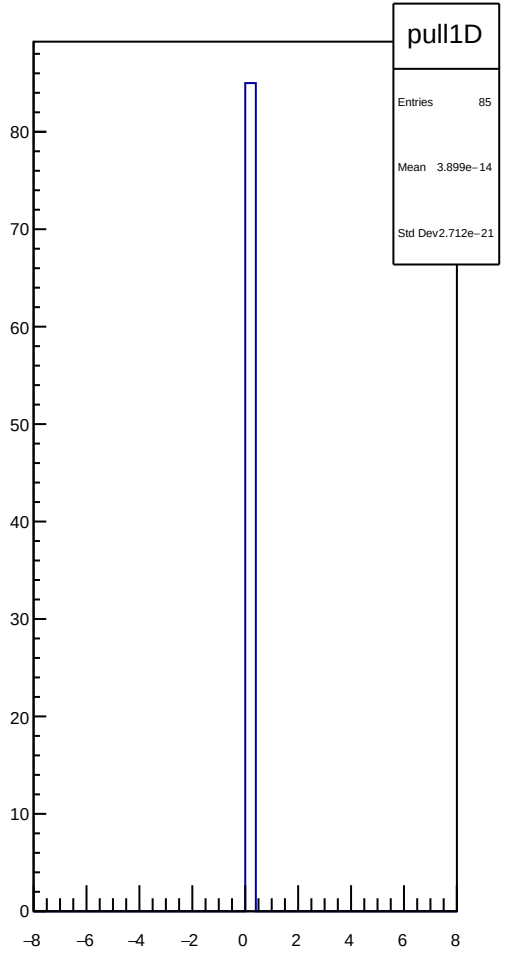

pull1D
Entries 85
Mean −5.133e−14
Std Dev3.543e−21

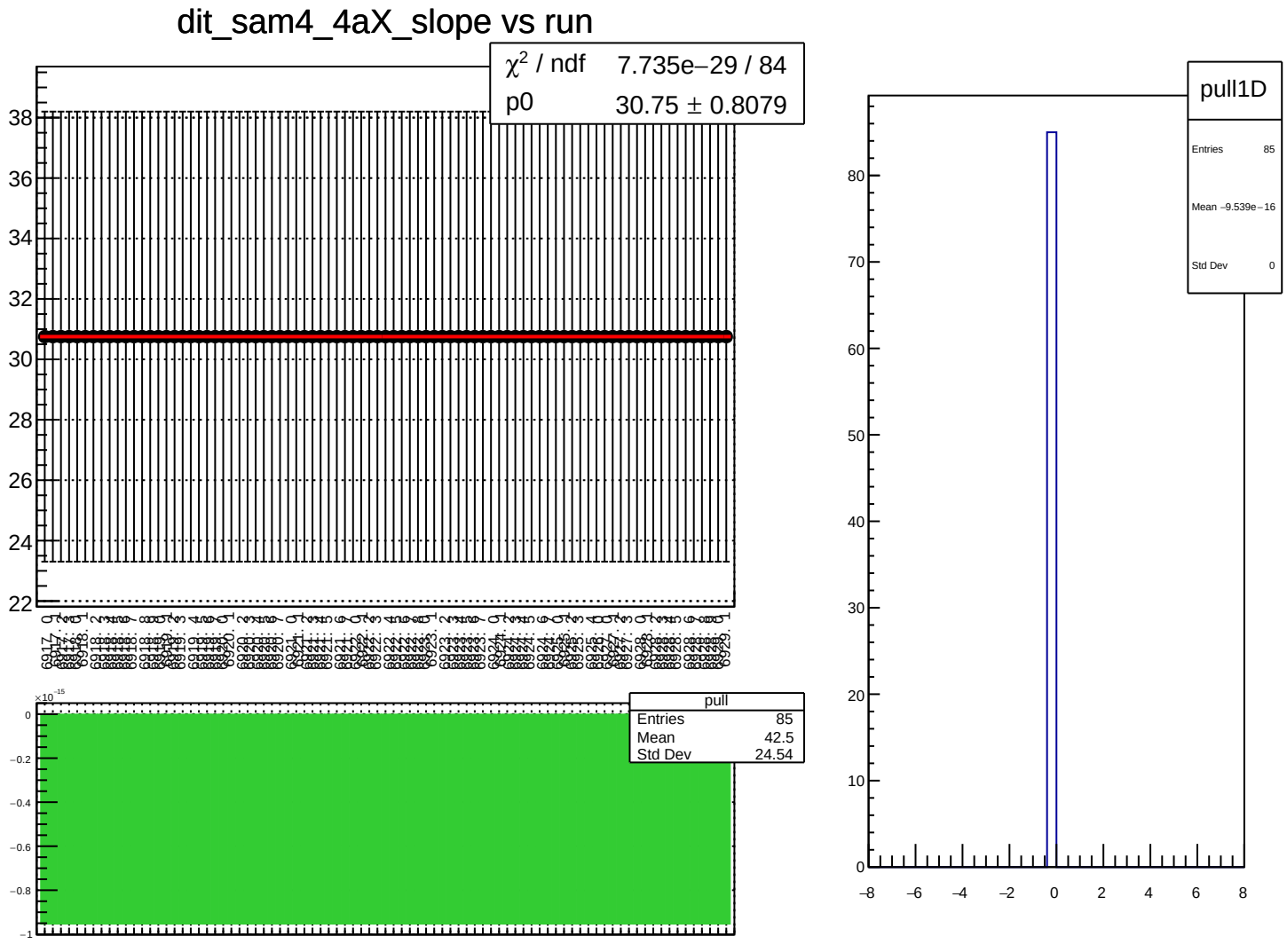

dit_sam3_11X12X_slope vs run
χ² / ndf 9.958e−29 / 84
p0 0.2081± 0.01669
0.35
0.3
0.25
0.2
0.15
0.1
0.05
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−0.2
−0.4
−0.6
−0.8
−1
pull1D
Entries 85
Mean −1.082e−15
Std Dev 2.647e−23
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

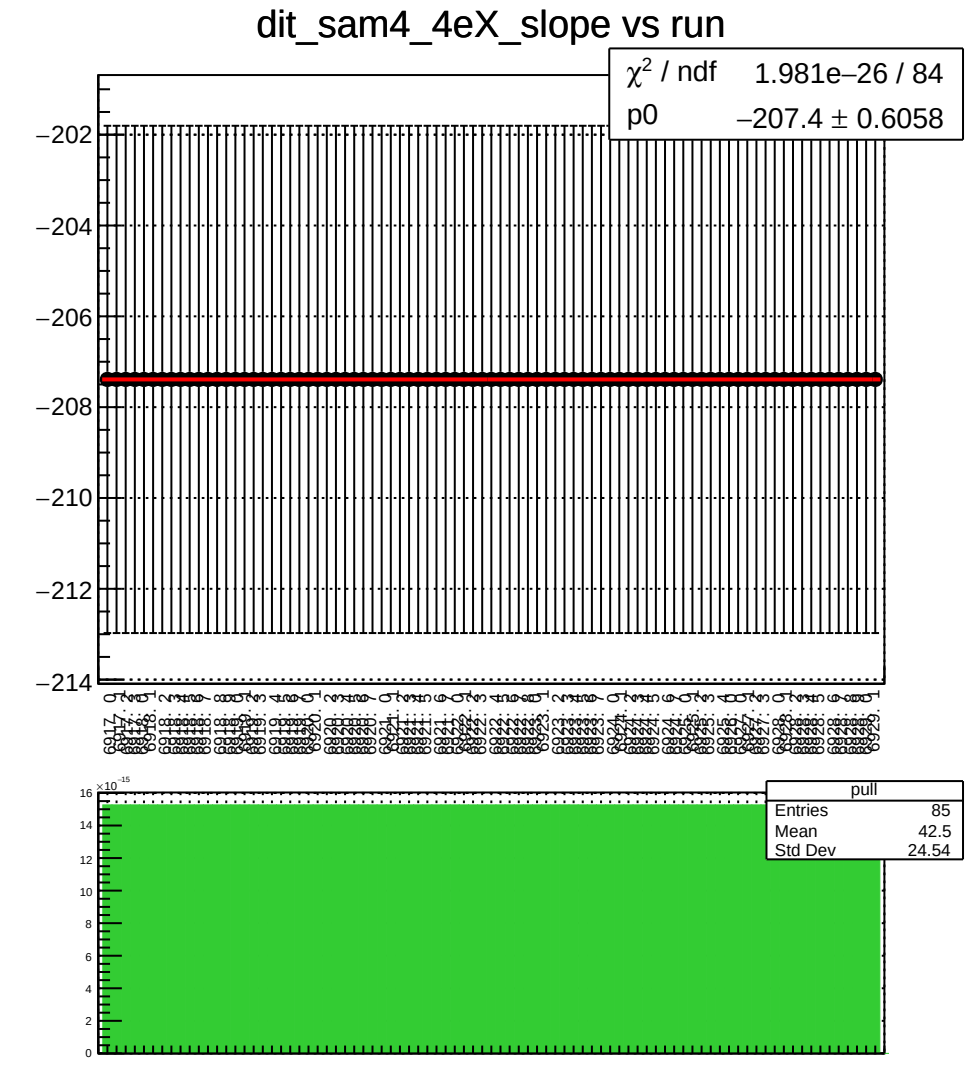

dit_sam3_4aY_slope vs run
χ² / ndf 8.175e−27 / 84
p0 −6.136 ± 0.04911
−5.6
−5.8
−6
−6.2
−6.4
−6.6
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
10
8
6
4
2
0

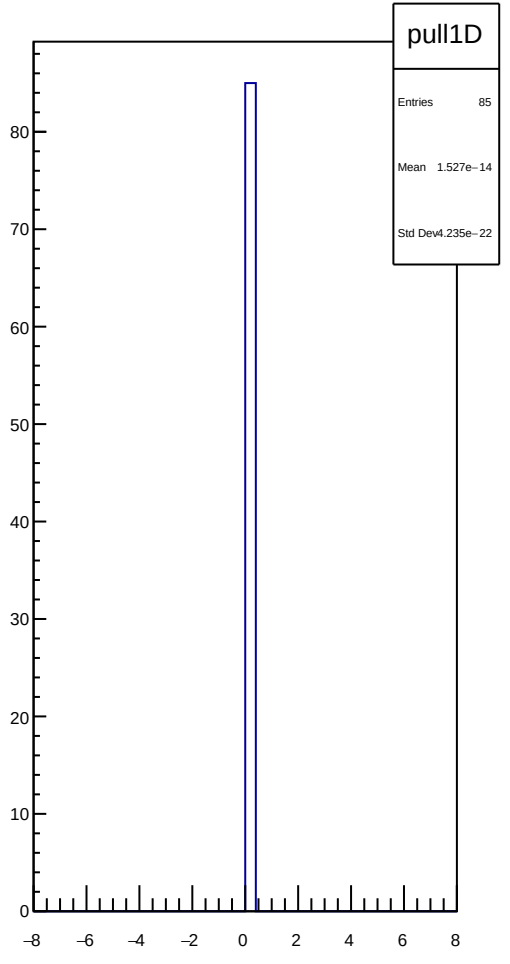

pull1D
Entries 85
Mean 9.807e−15
Std Dev 3.818e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

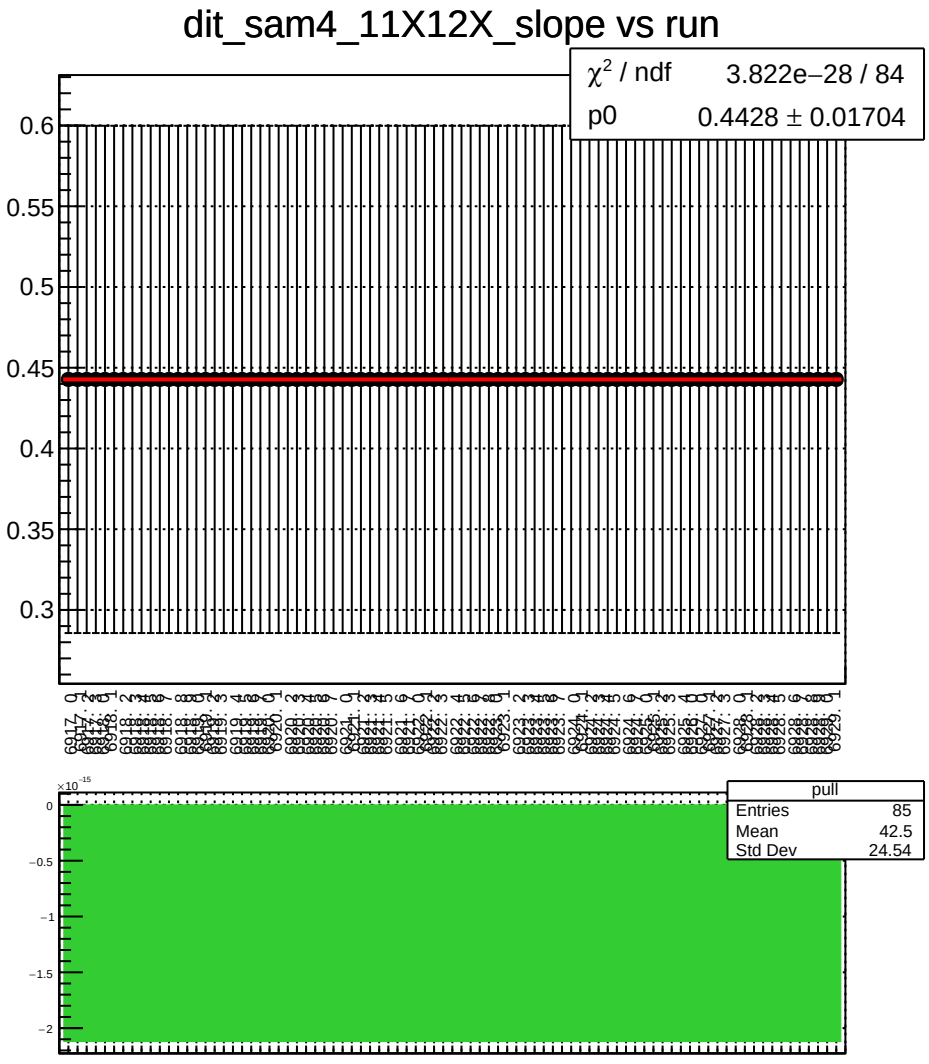

dit_sam3_4eY_slope vs run
χ² / ndf 1.292e−25 / 84
p0 28.81 ± 0.0593
29.4
29.2
29
28.8
28.6
28.4
28.2
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
40
35
30
25
20
15
10
5
0

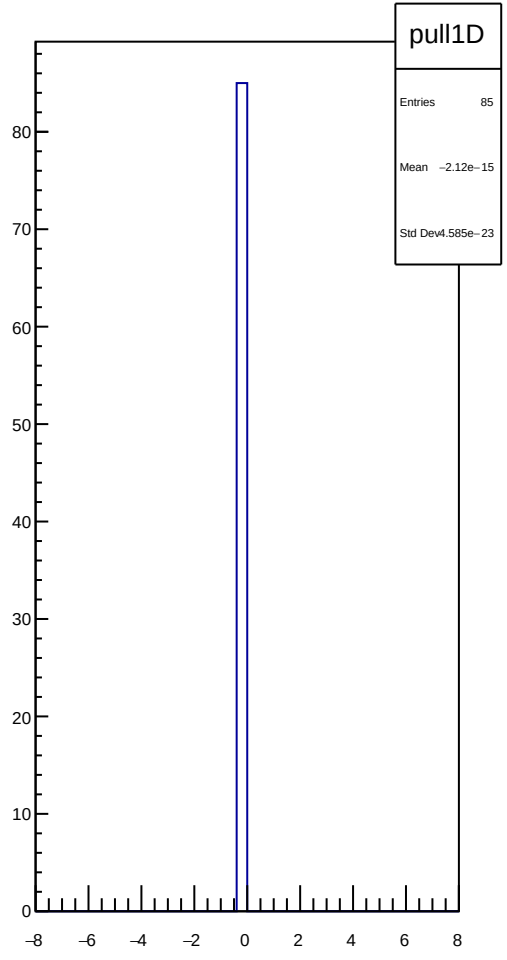

pull1D
Entries 85
Mean 3.899e−14
Std Dev2.712e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

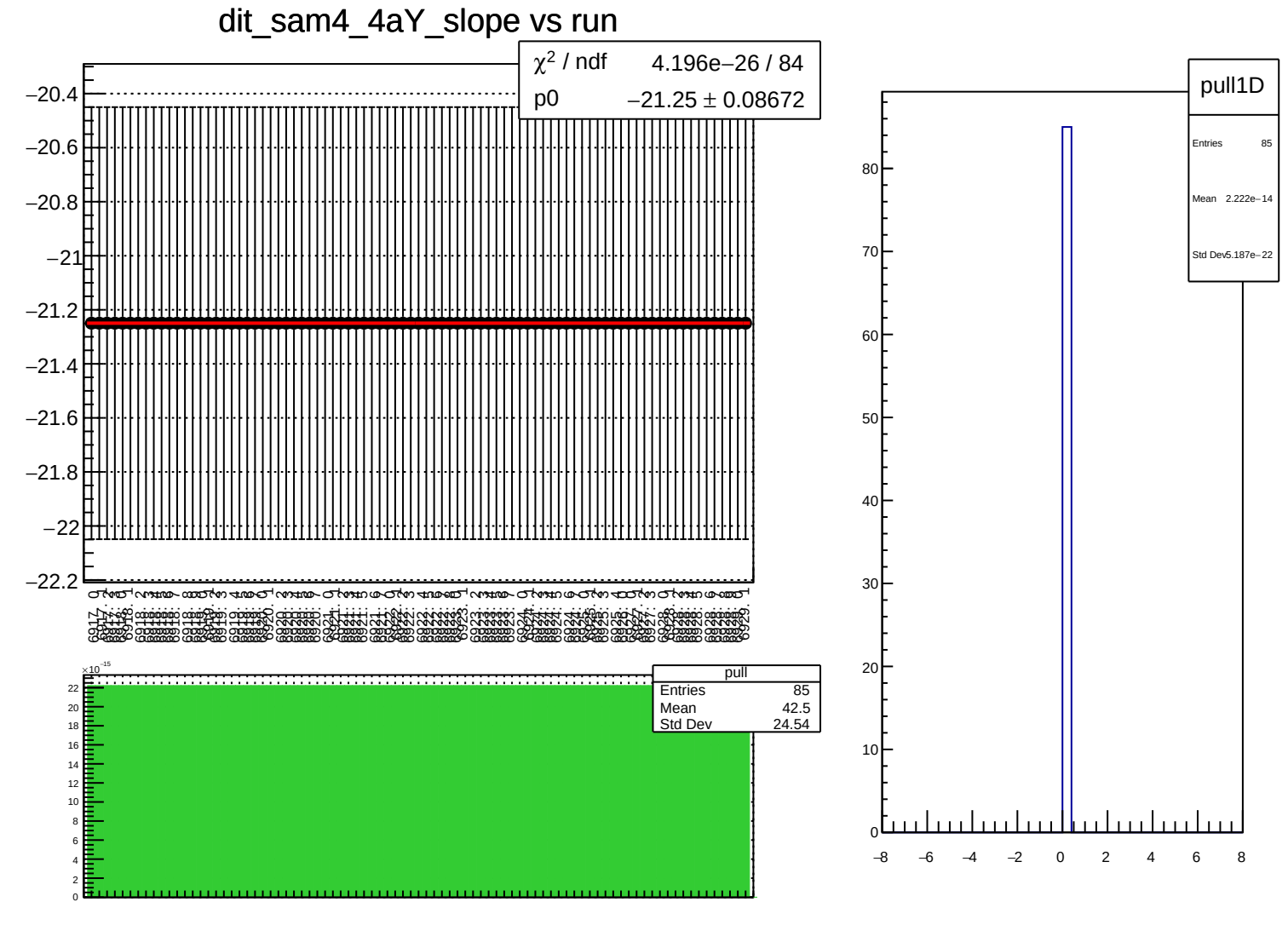

dit_sam4_4aX_slope vs run
χ² / ndf 7.735e−29 / 84
p0 30.75 ± 0.8079
pull
Entries 85
Mean 42.5
Std Dev 24.54
pull1D
Entries 85
Mean −9.539e−16
Std Dev 0

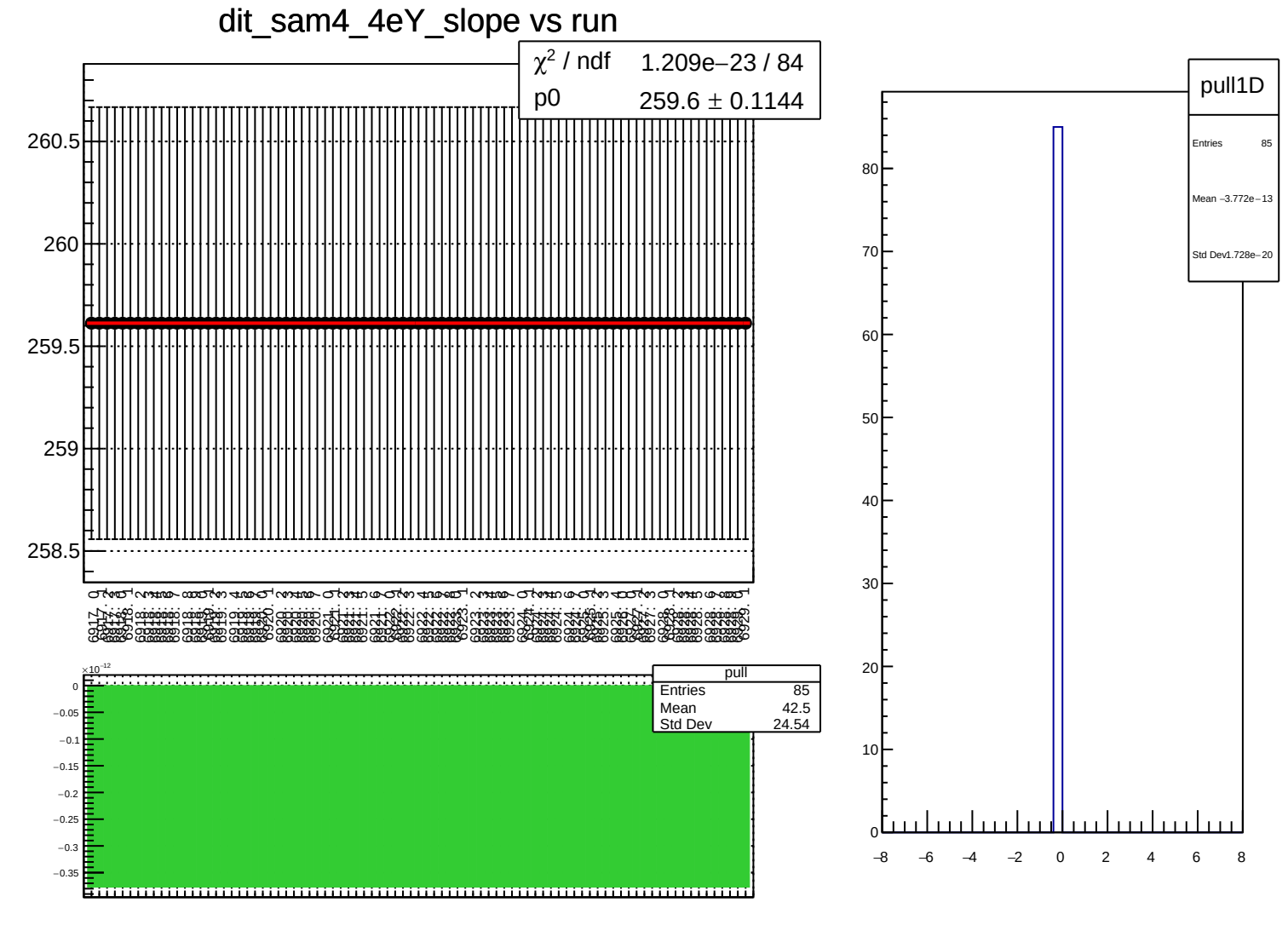

dit_sam4_4eX_slope vs run
χ^2 / ndf 1.981e−26 / 84
p0 −207.4 ± 0.6058
−202
−204
−206
−208
−210
−212
−214
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-15
16
14
12
10
8
6
4
2
0

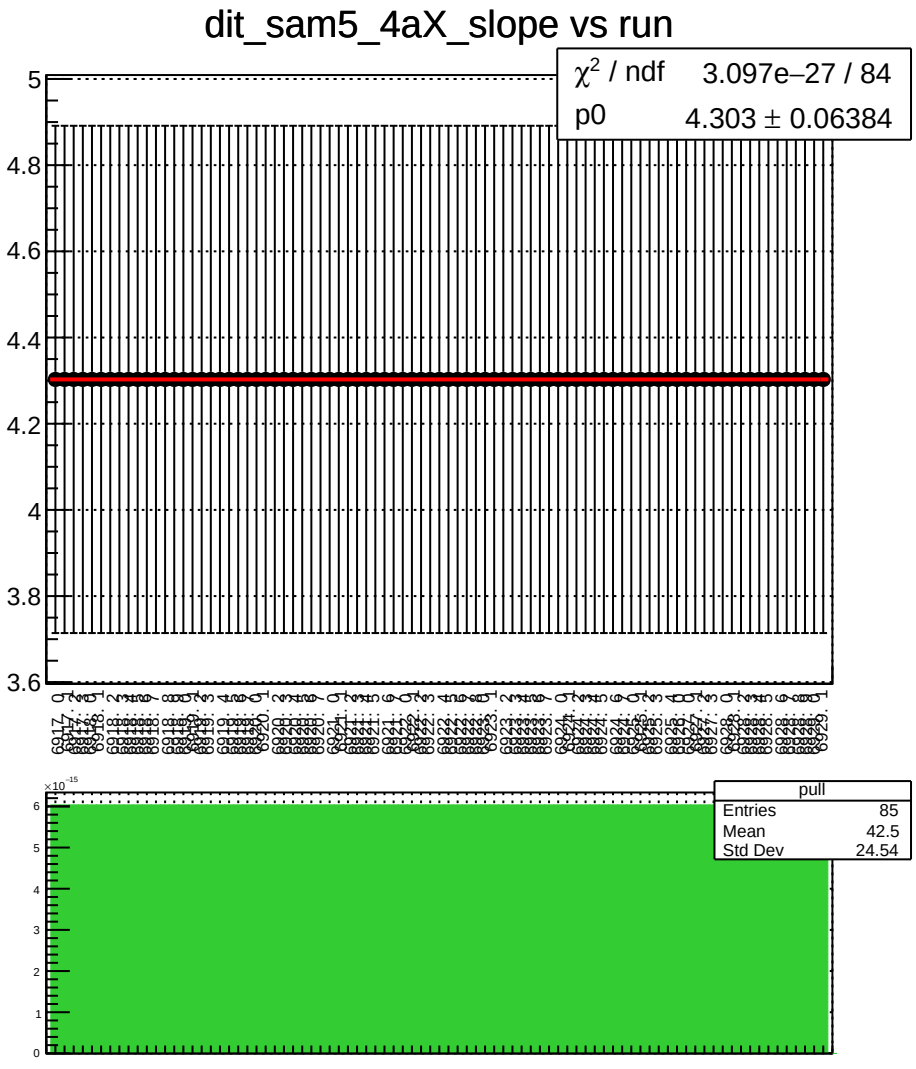

pull1D
Entries 85
Mean 1.527e−14
Std Dev4.235e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

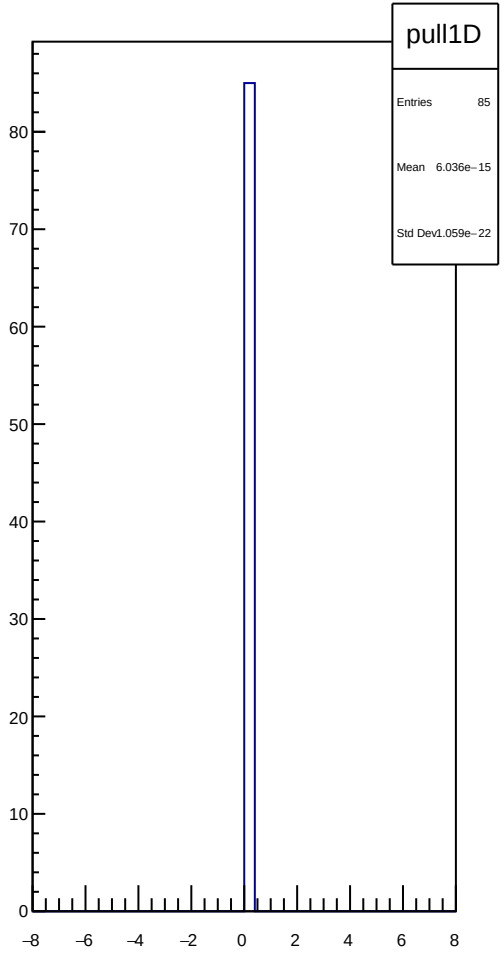

dit_sam4_11X12X_slope vs run
χ² / ndf 3.822e−28 / 84
p0 0.4428 ± 0.01704
0.6
0.55
0.5
0.45
0.4
0.35
0.3
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−0.5
−1
−1.5
−2

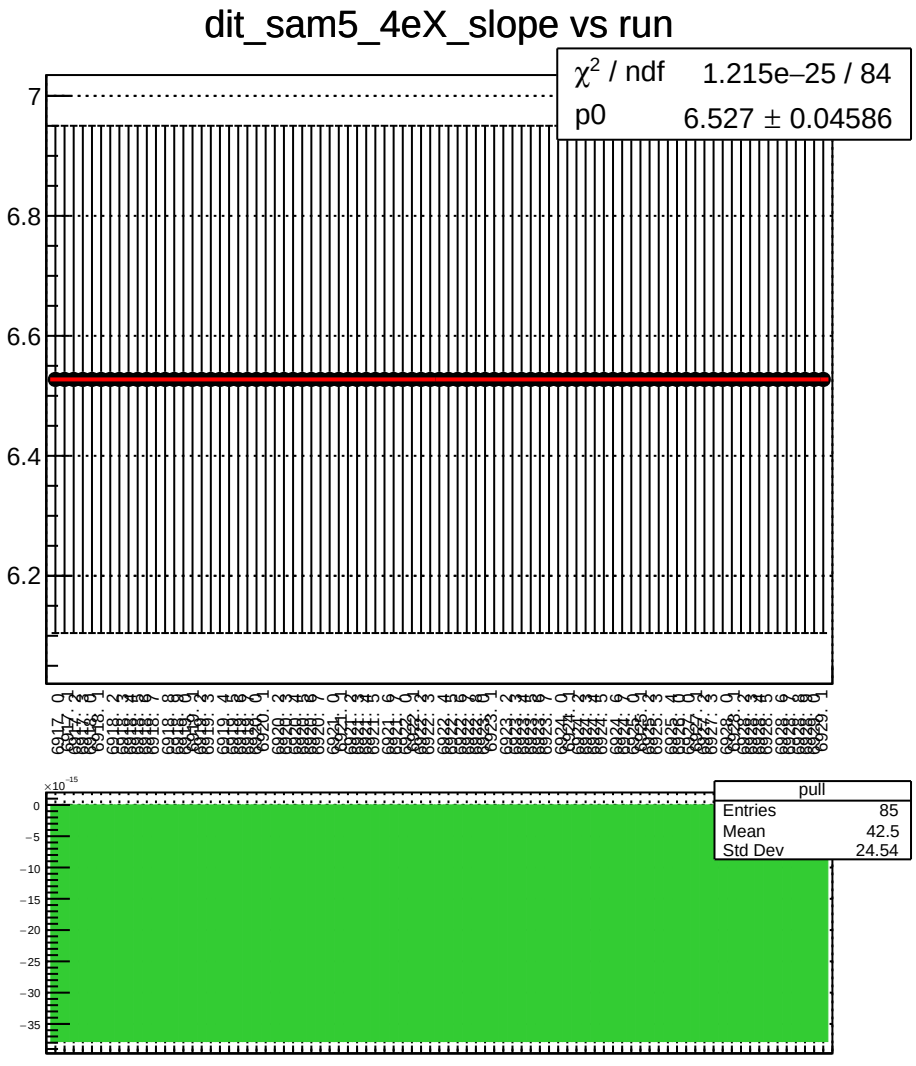

pull1D
Entries 85
Mean −2.12e−15
Std Dev 4.585e−23
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

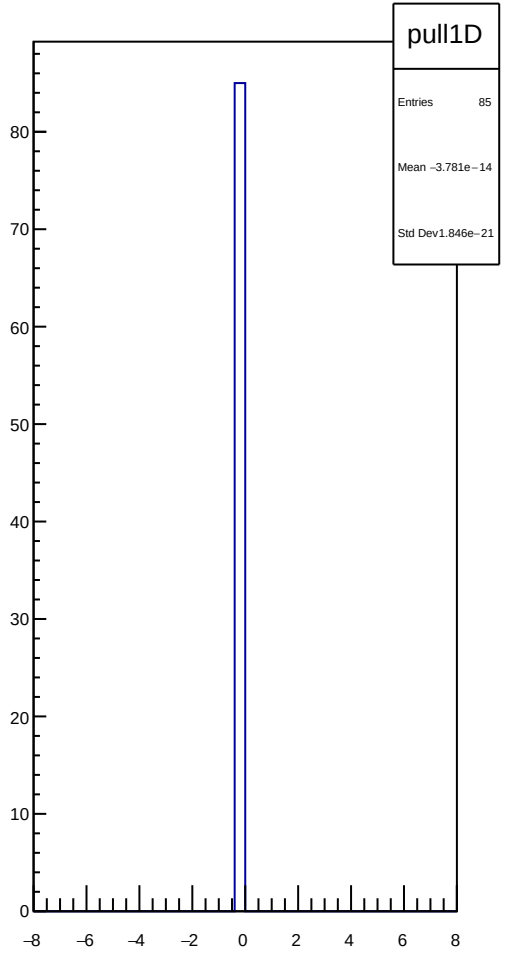

dit_sam4_4aY_slope vs run
χ² / ndf 4.196e−26 / 84
p0 −21.25 ± 0.08672
−20.4
−20.6
−20.8
−21
−21.2
−21.4
−21.6
−21.8
−22
−22.2
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
pull1D
Entries 85
Mean 2.222e−14
Std Dev 5.187e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

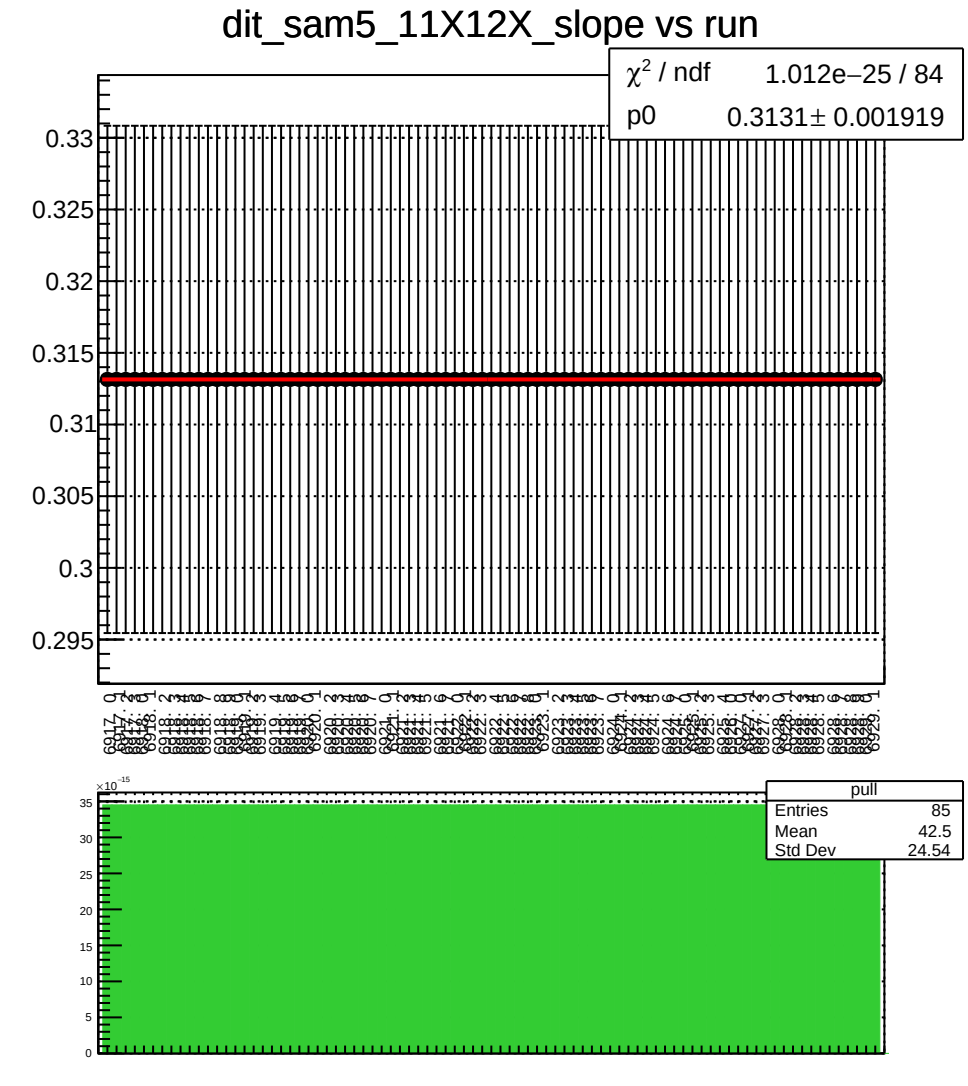

dit_sam4_4eY_slope vs run
χ² / ndf 1.209e−23 / 84
p0 259.6 ± 0.1144
260.5
260
259.5
259
258.5
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3
−0.35
pull1D
Entries 85
Mean −3.772e−13
Std Dev1.728e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

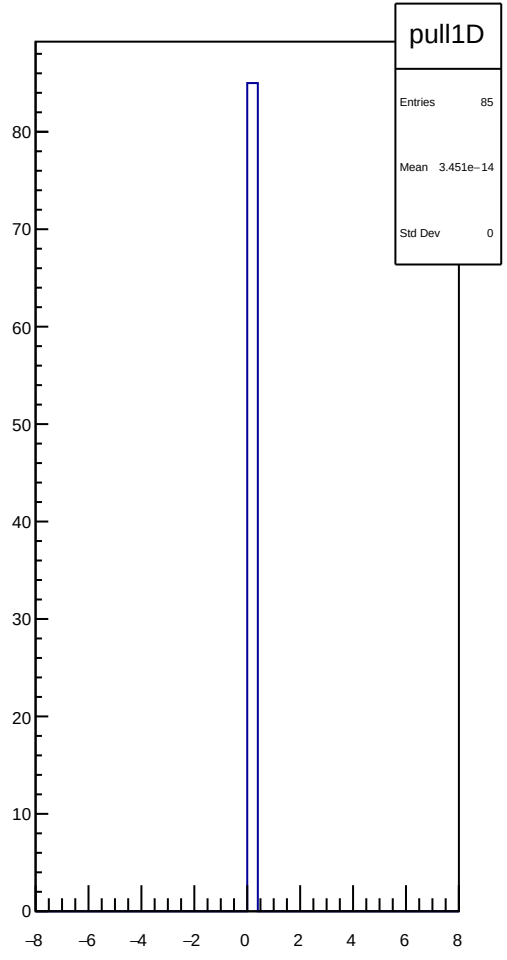

dit_sam5_4aX_slope vs run
χ² / ndf 3.097e−27 / 84
p0 4.303 ± 0.06384
pull
Entries 85
Mean 42.5
Std Dev 24.54

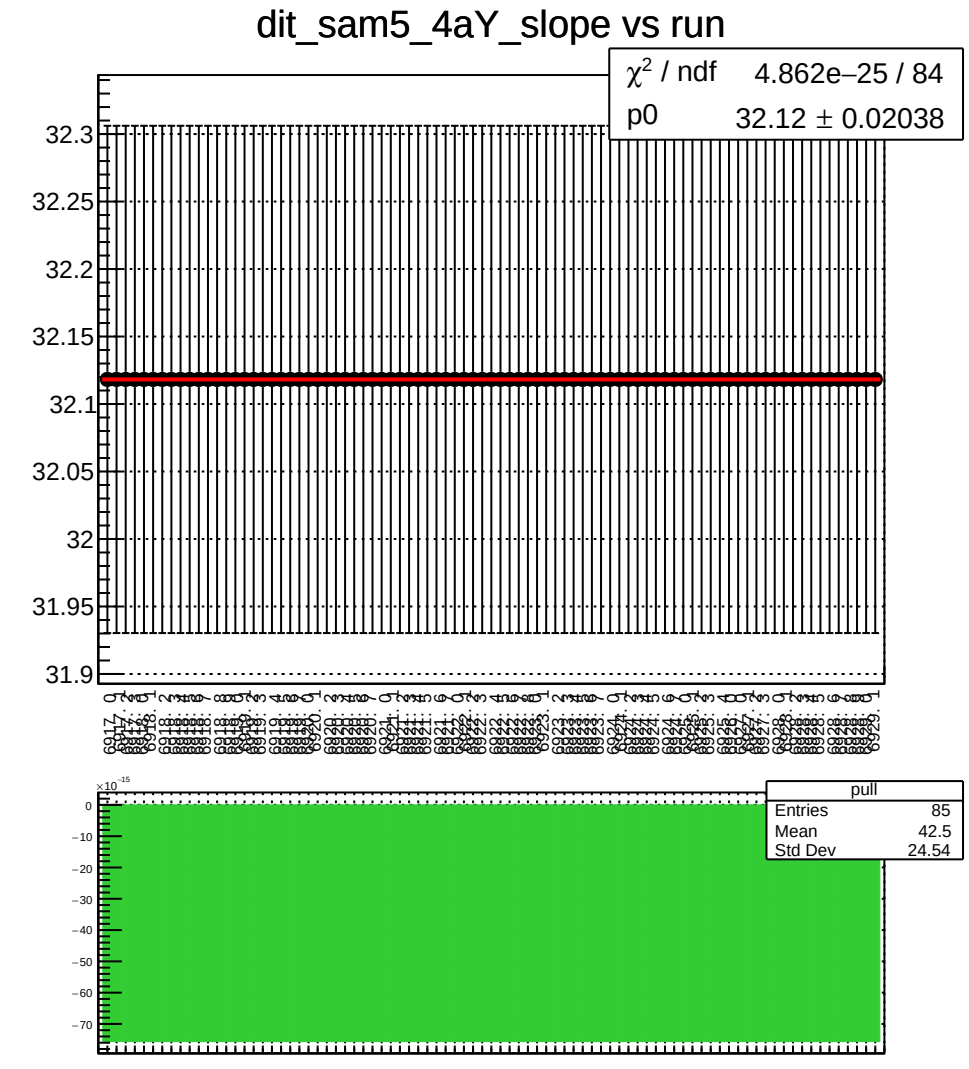

pull1D
Entries 85
Mean 6.036e−15
Std Dev1.059e−22

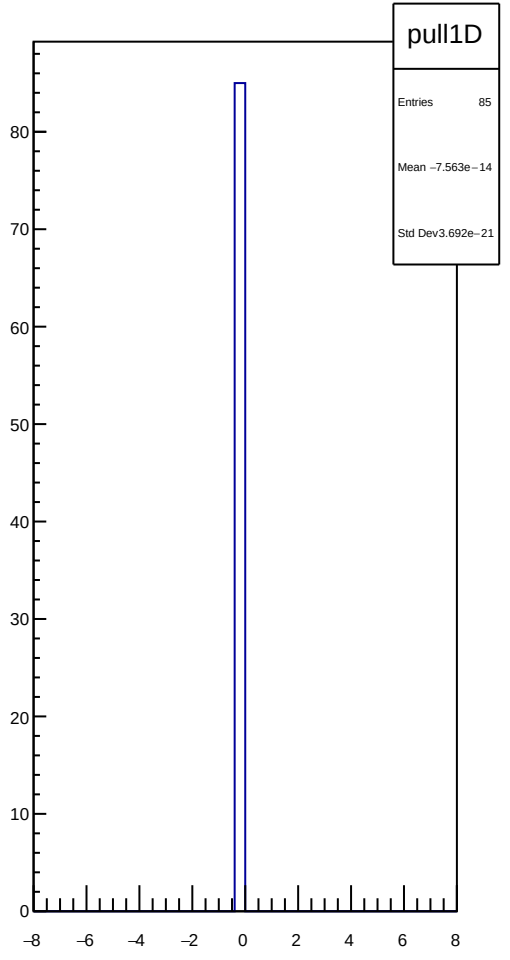

dit_sam5_4eX_slope vs run
χ² / ndf 1.215e−25 / 84
p0 6.527 ± 0.04586
7
6.8
6.6
6.4
6.2
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35

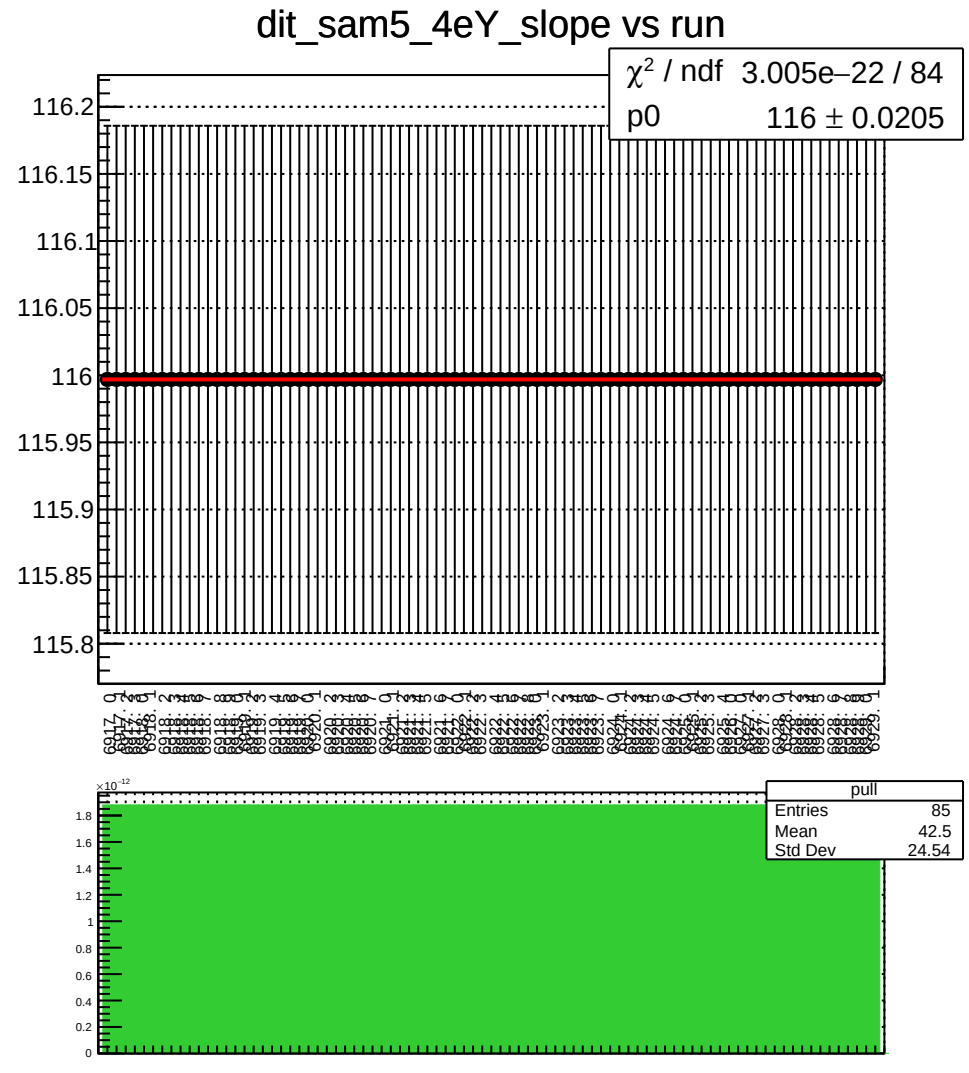

pull1D
Entries 85
Mean −3.781e−14
Std Dev1.846e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

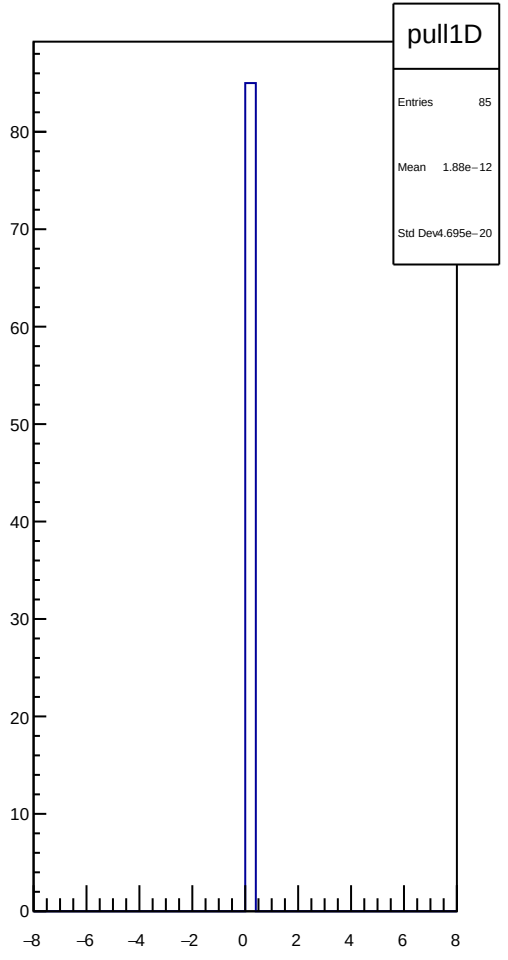

dit_sam5_11X12X_slope vs run
χ² / ndf 1.012e−25 / 84
p0 0.3131± 0.001919
0.33
0.325
0.32
0.315
0.31
0.305
0.3
0.295
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
35
30
25
20
15
10
5
0

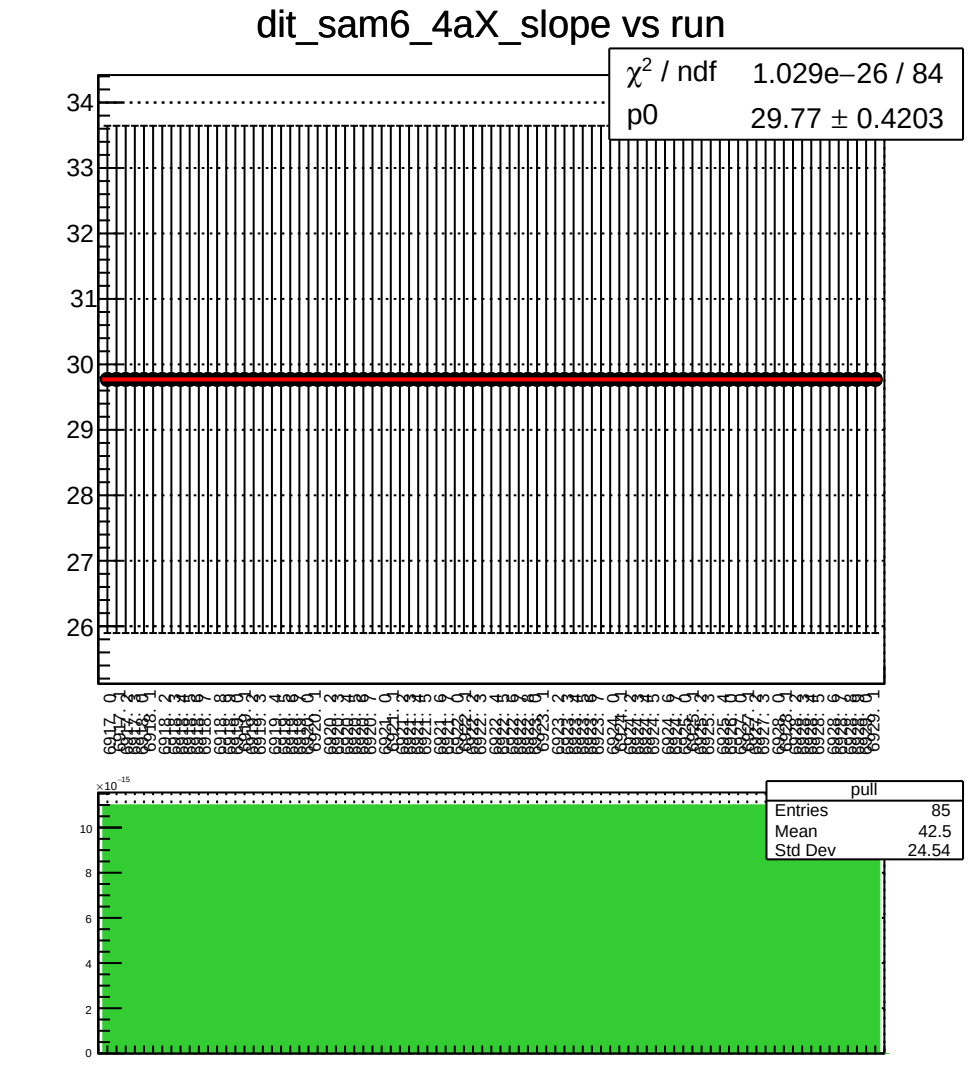

pull1D
Entries 85
Mean 3.451e−14
Std Dev 0
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

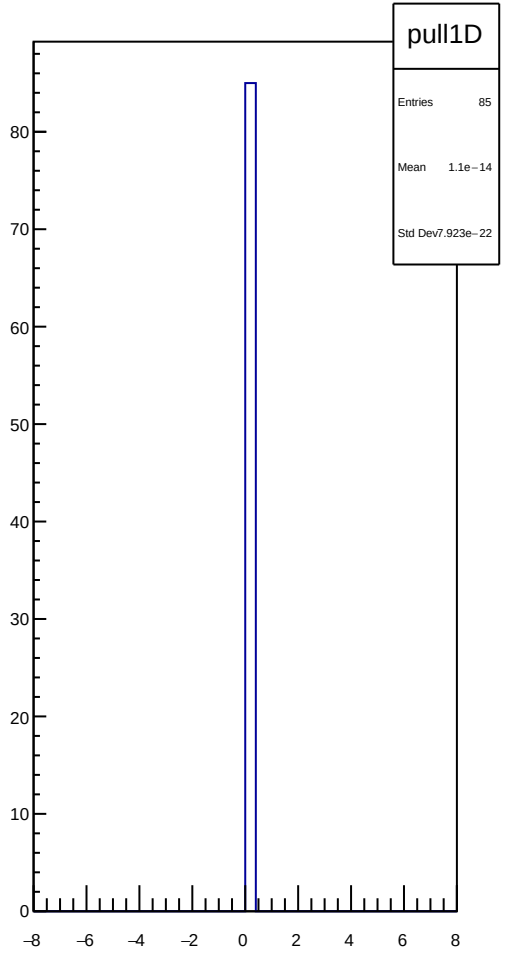

dit_sam5_4aY_slope vs run
χ² / ndf 4.862e−25 / 84
p0 32.12 ± 0.02038
32.3
32.25
32.2
32.15
32.1
32.05
32
31.95
31.9
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70

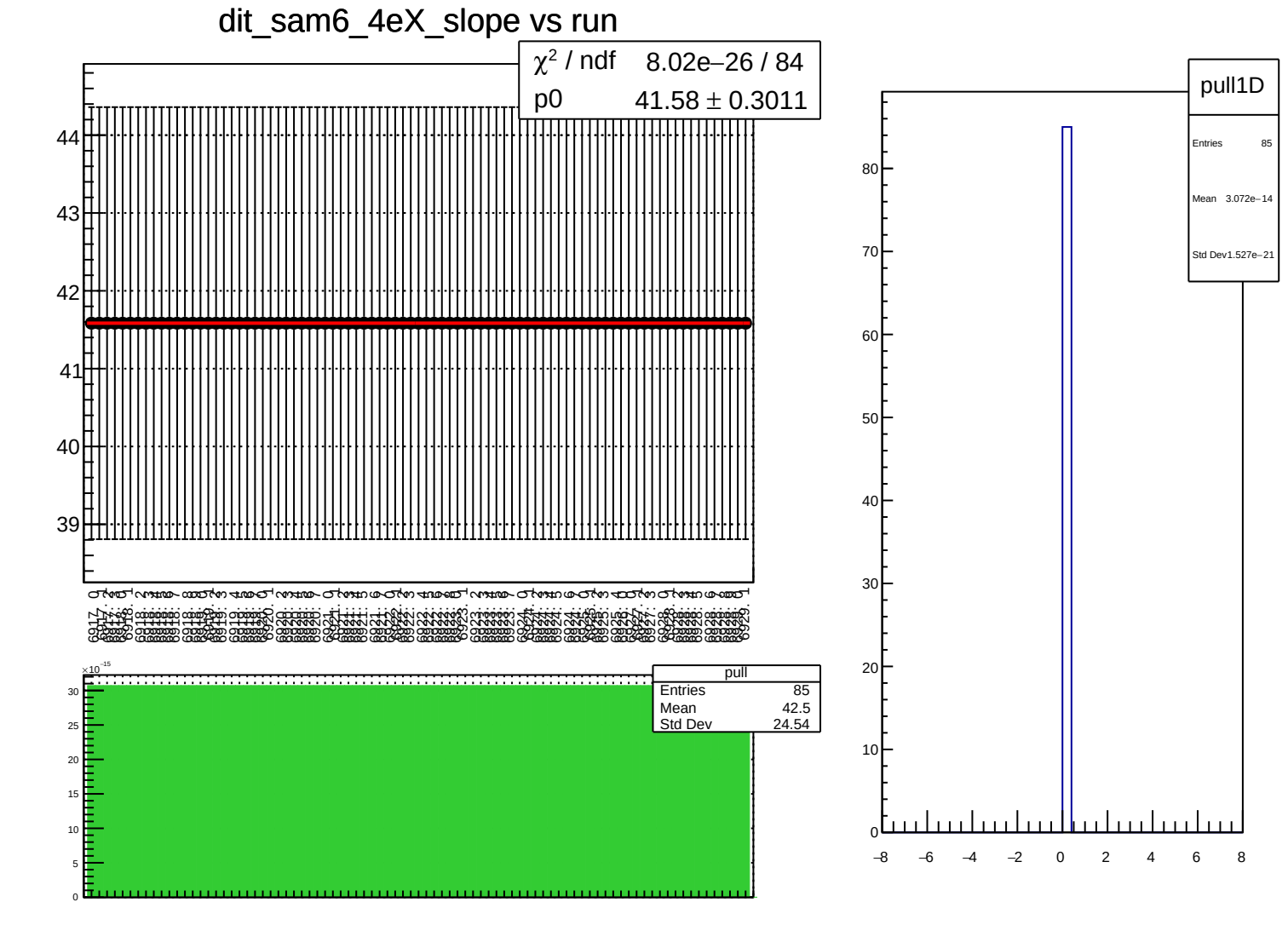

pull1D
Entries 85
Mean −7.563e−14
Std Dev3.692e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

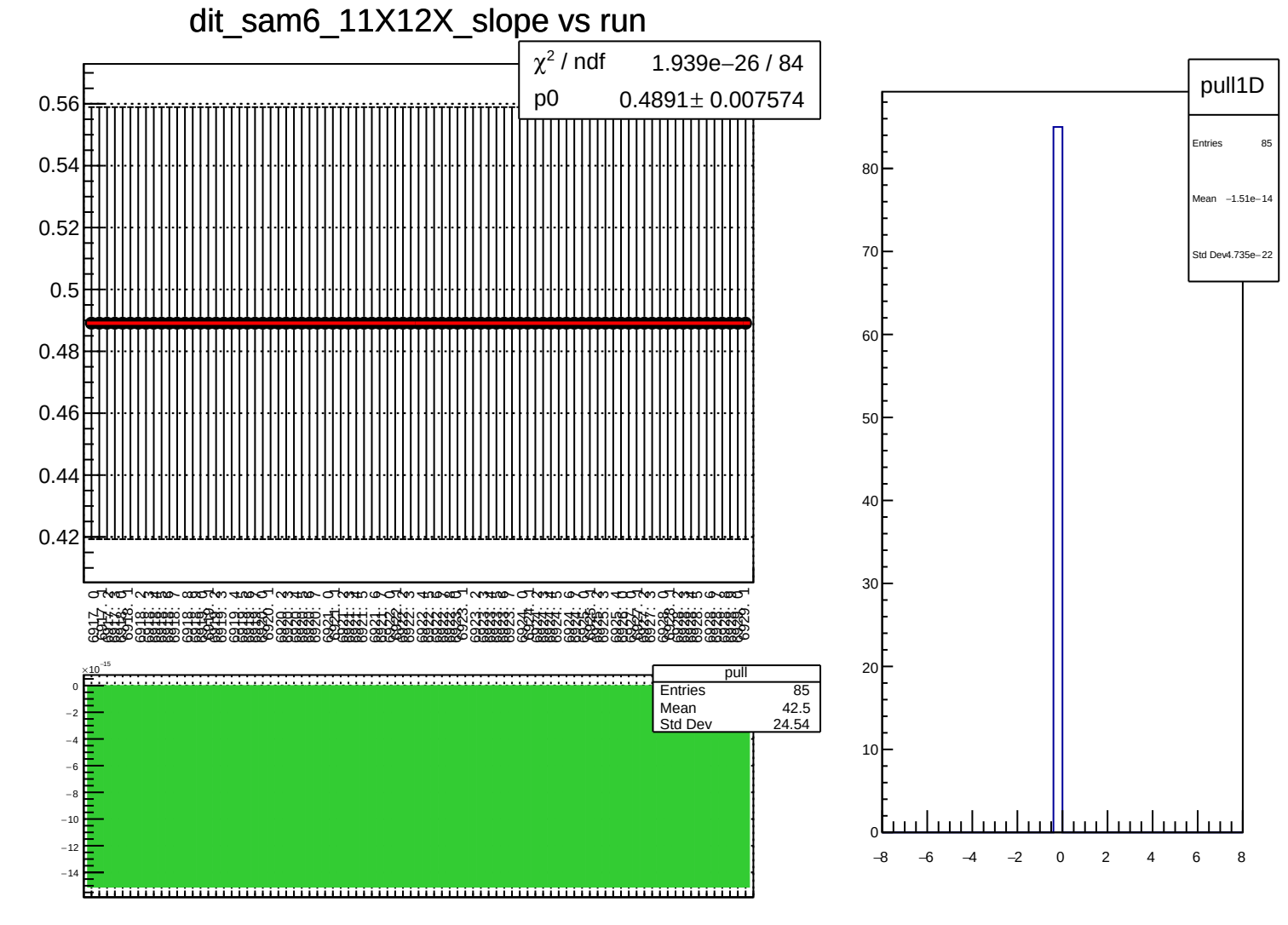

dit_sam5_4eY_slope vs run
χ² / ndf 3.005e−22 / 84
p0 116 ± 0.0205
116.2
116.15
116.1
116.05
116
115.95
115.9
115.85
115.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0

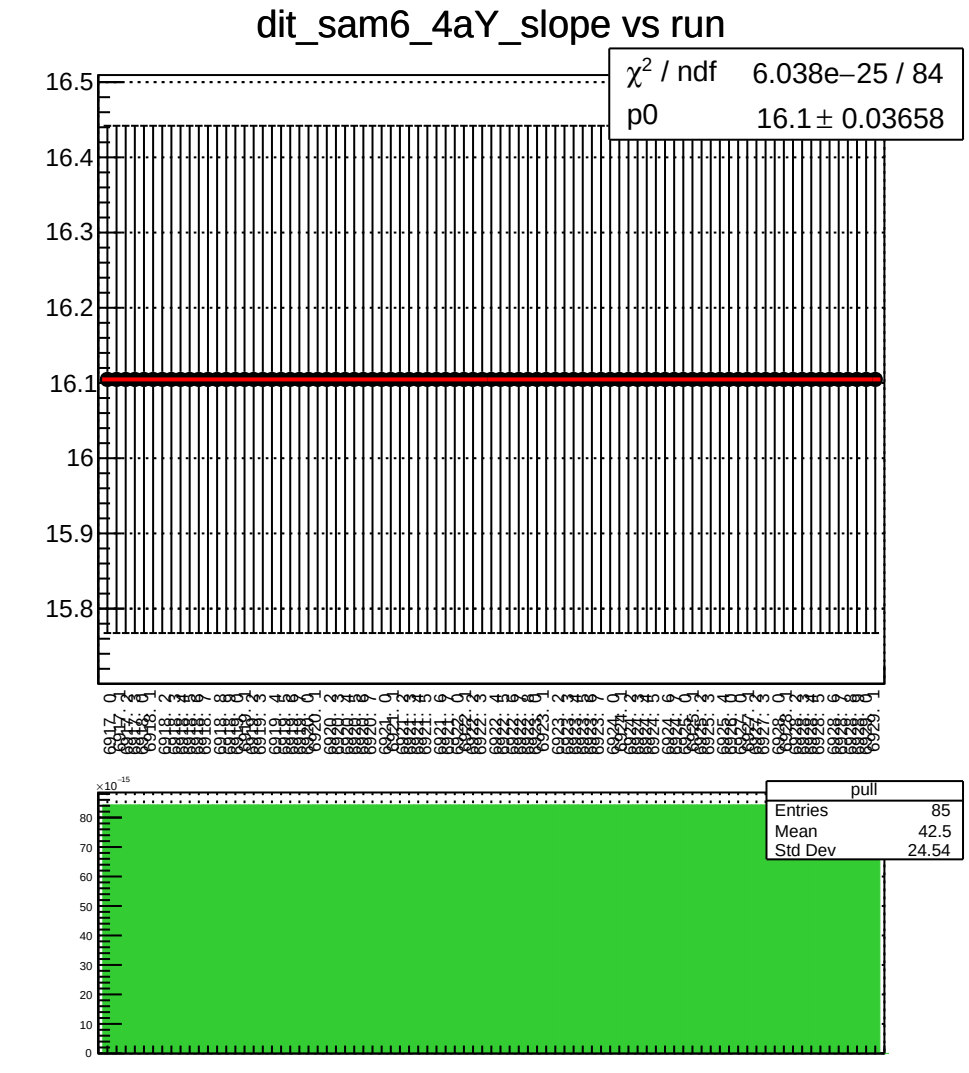

pull1D
Entries 85
Mean 1.88e−12
Std Dev 4.695e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

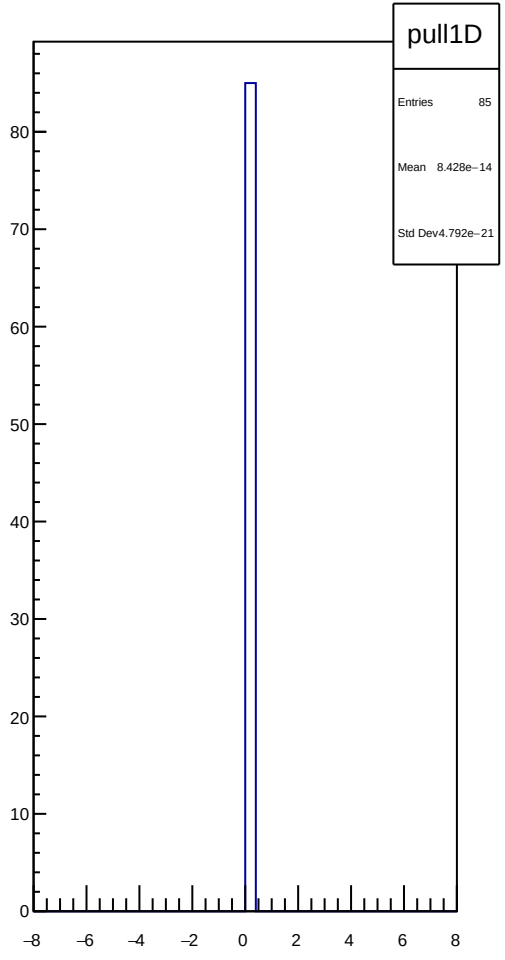

dit_sam6_4aX_slope vs run
χ² / ndf 1.029e−26 / 84
p0 29.77 ± 0.4203
pull
Entries 85
Mean 42.5
Std Dev 24.54

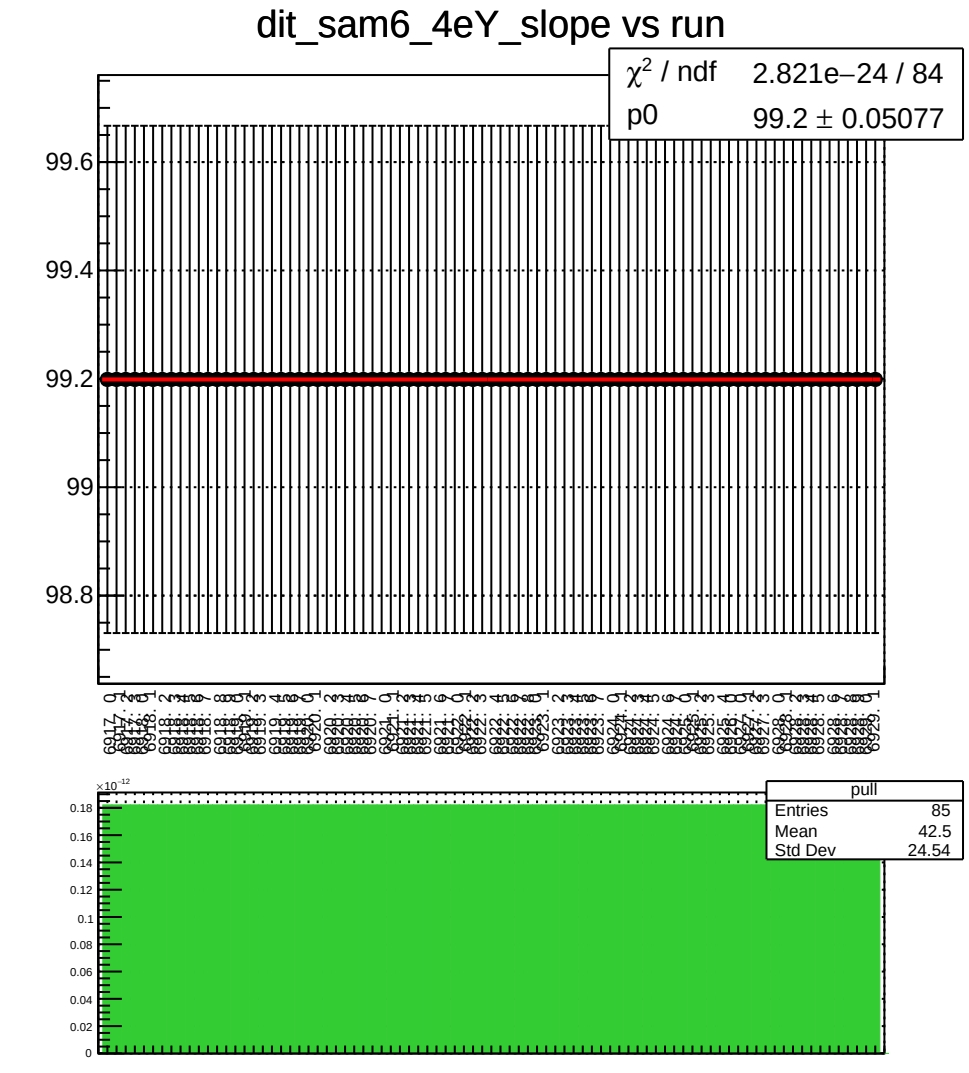

pull1D
Entries 85
Mean 1.1e−14
Std Dev7.923e−22

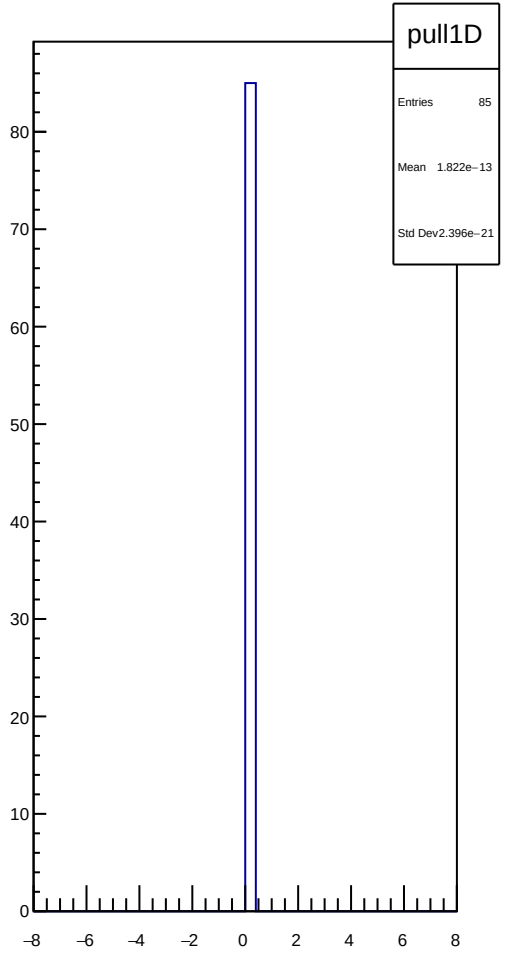

dit_sam6_4eX_slope vs run
χ² / ndf 8.02e−26 / 84
p0 41.58 ± 0.3011
pull
Entries 85
Mean 42.5
Std Dev 24.54
pull1D
Entries 85
Mean 3.072e−14
Std Dev1.527e−21

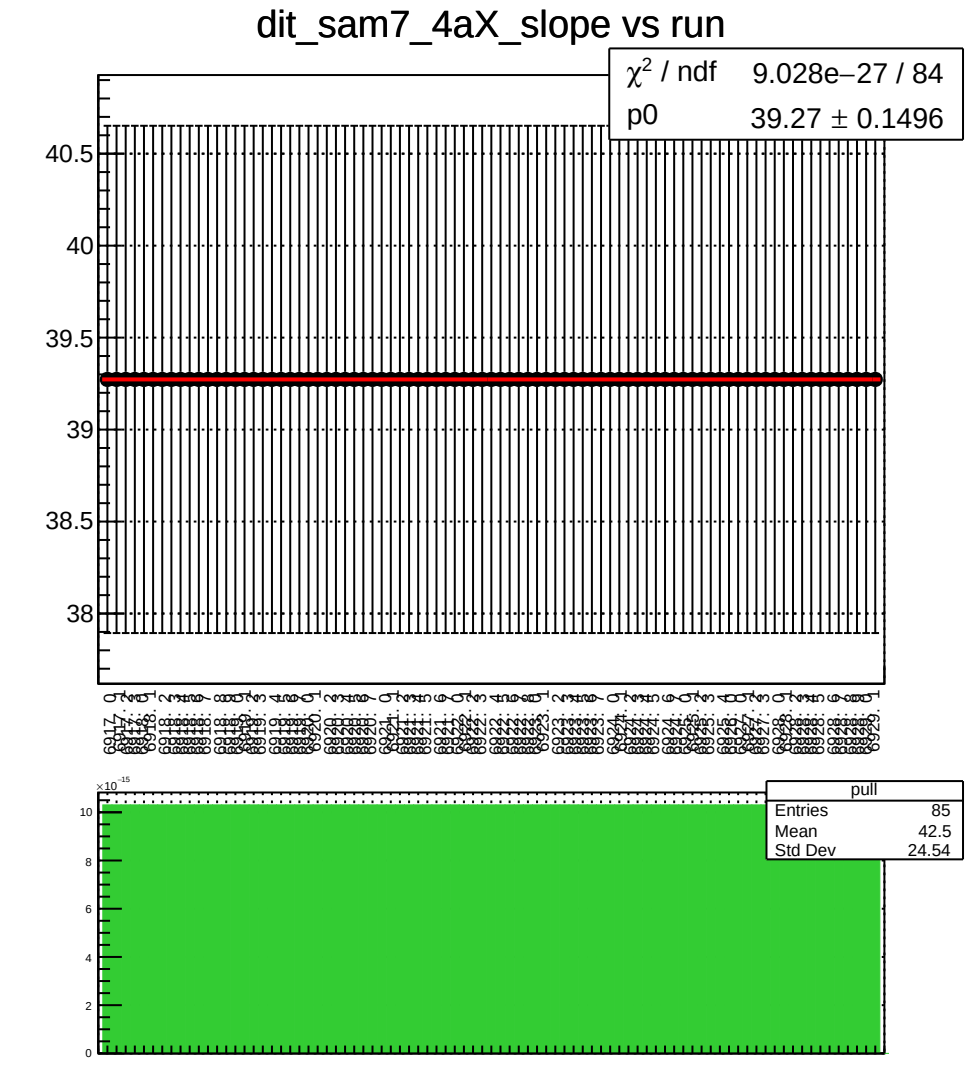

dit_sam6_11X12X_slope vs run
χ² / ndf 1.939e−26 / 84
p0 0.4891± 0.007574
0.56
0.54
0.52
0.5
0.48
0.46
0.44
0.42
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
pull1D
Entries 85
Mean −1.51e−14
Std Dev 4.735e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

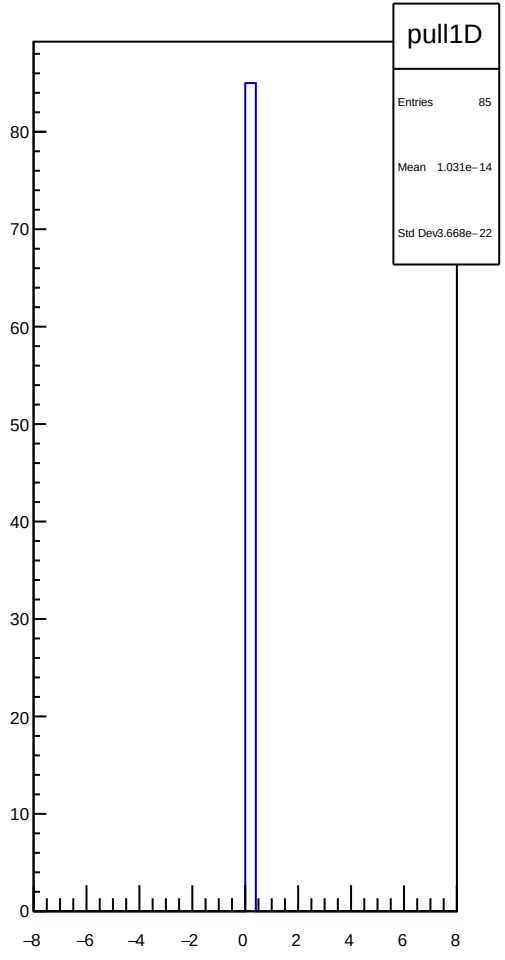

dit_sam6_4aY_slope vs run
χ² / ndf 6.038e−25 / 84
p0 16.1 ± 0.03658
16.5
16.4
16.3
16.2
16.1
16
15.9
15.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
80
70
60
50
40
30
20
10
0

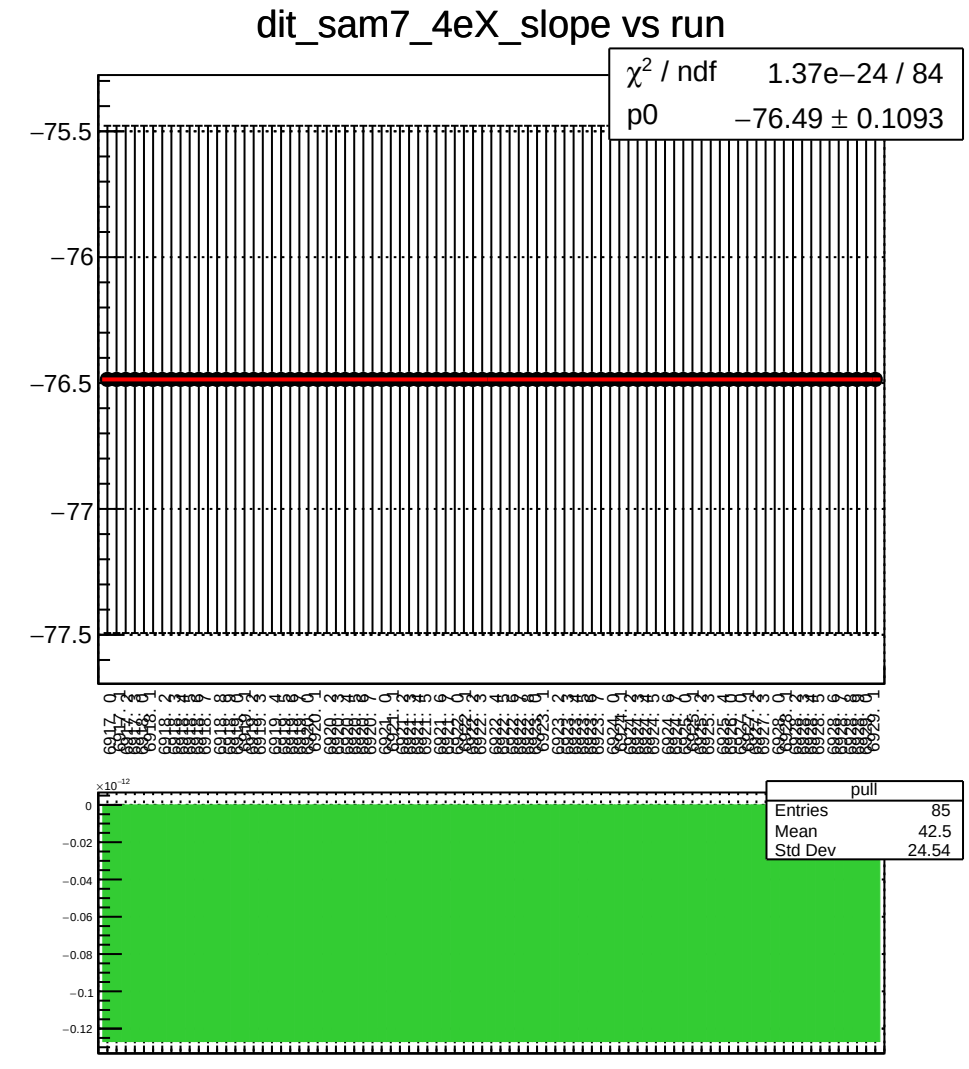

pull1D
Entries 85
Mean 8.428e−14
Std Dev4.792e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

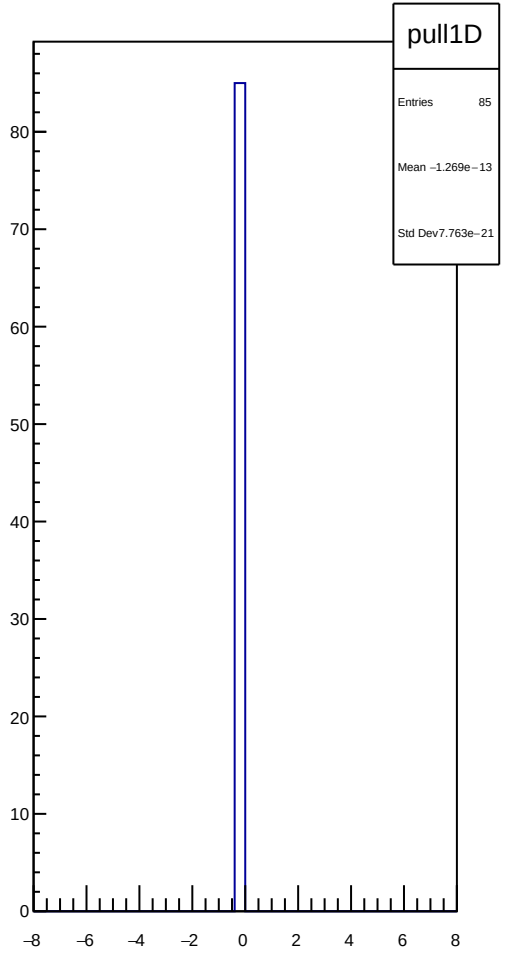

dit_sam6_4eY_slope vs run
χ² / ndf 2.821e−24 / 84
p0 99.2 ± 0.05077
99.6
99.4
99.2
99
98.8
×10⁻¹²
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
pull
Entries 85
Mean 42.5
Std Dev 24.54

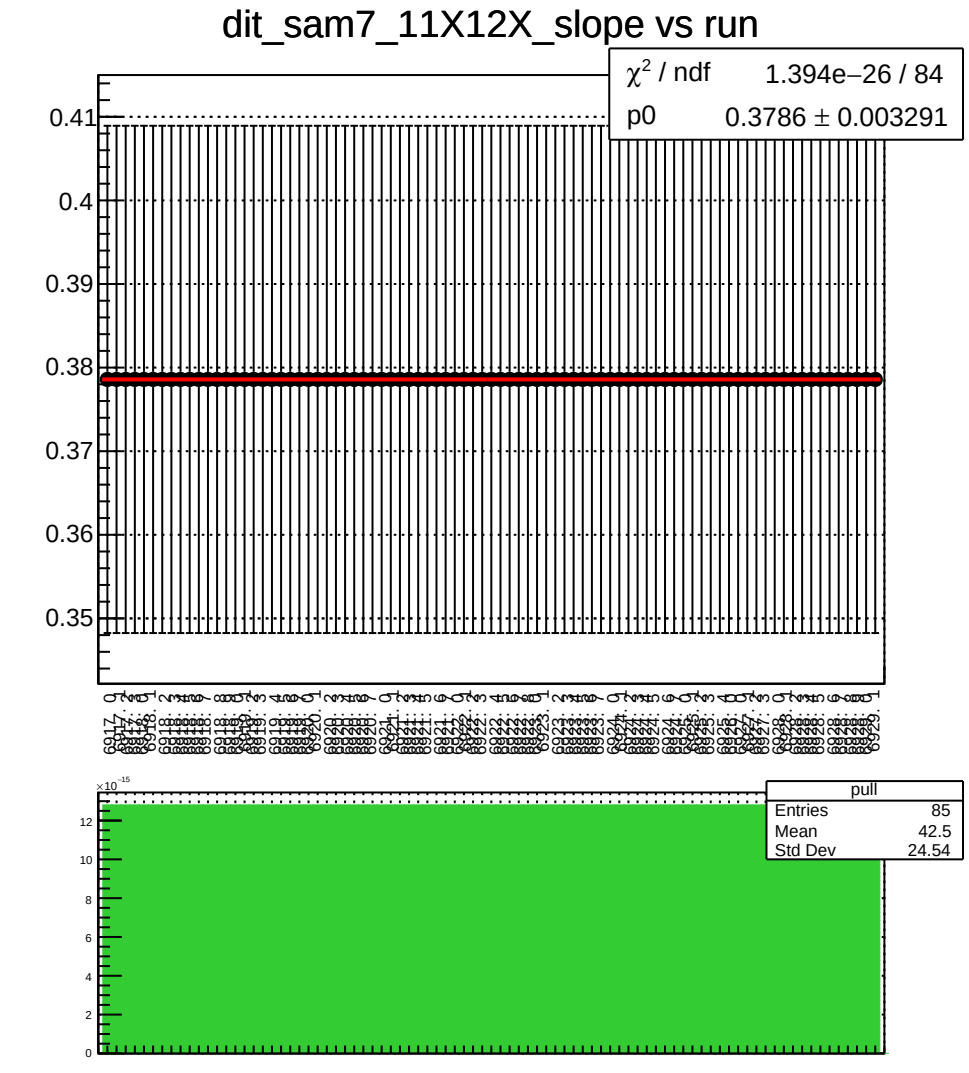

pull1D
Entries 85
Mean 1.822e−13
Std Dev2.396e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

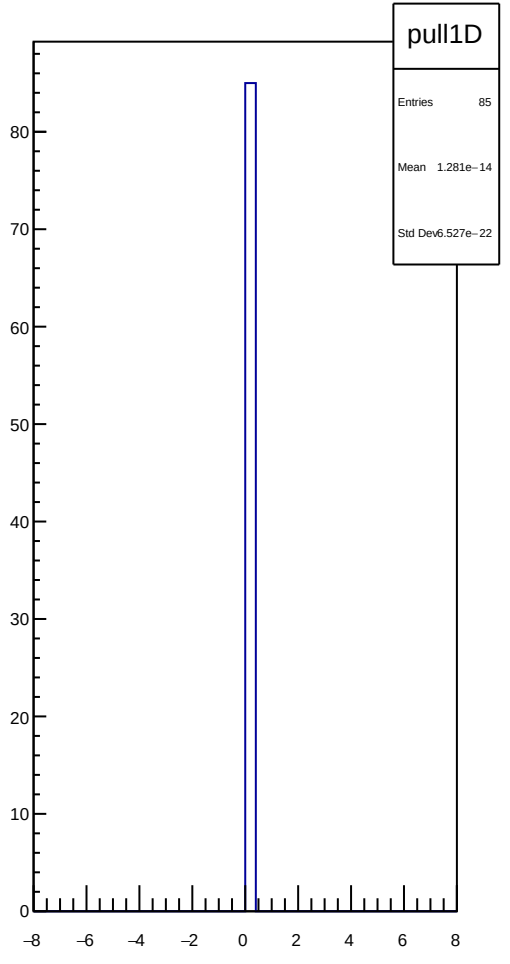

dit_sam7_4aX_slope vs run
χ² / ndf 9.028e−27 / 84
p0 39.27 ± 0.1496
40.5
40
39.5
39
38.5
38
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
10
8
6
4
2
0

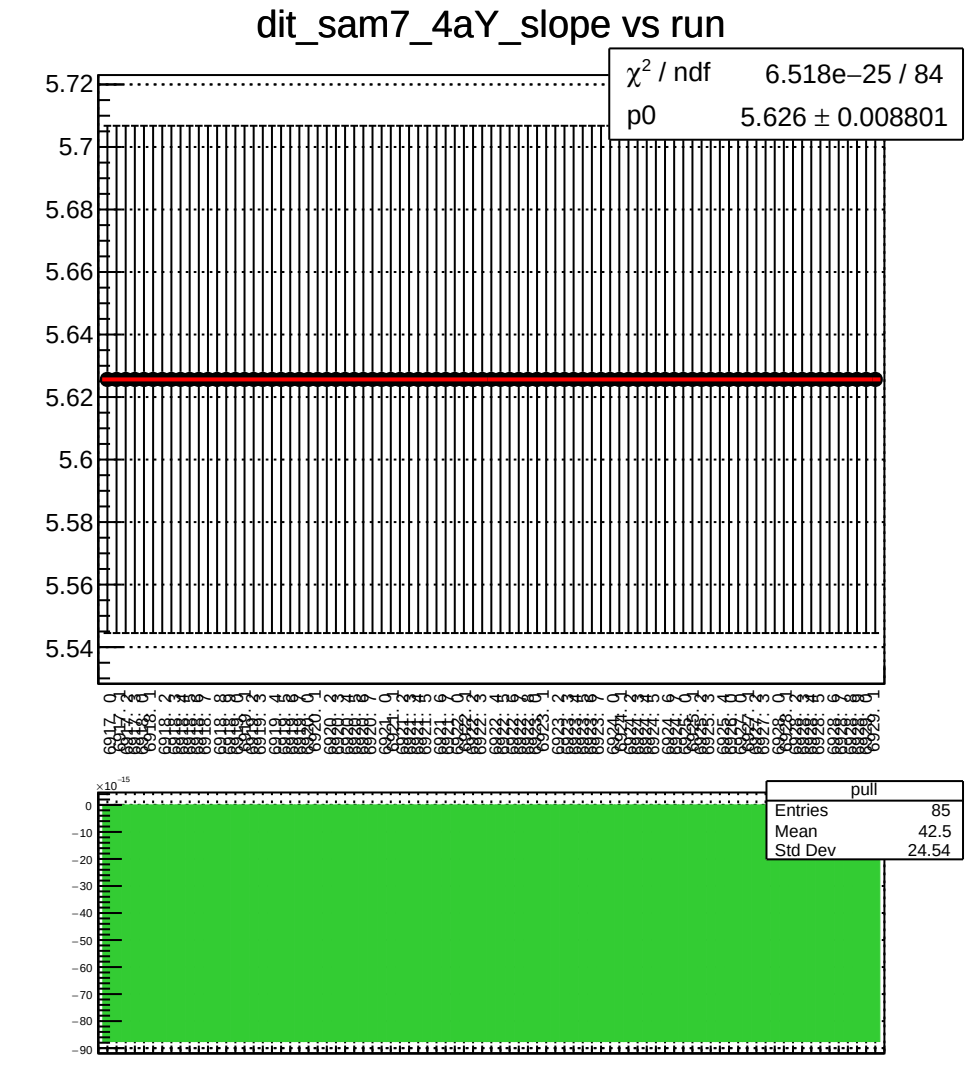

pull1D
Entries 85
Mean 1.031e−14
Std Dev3.668e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

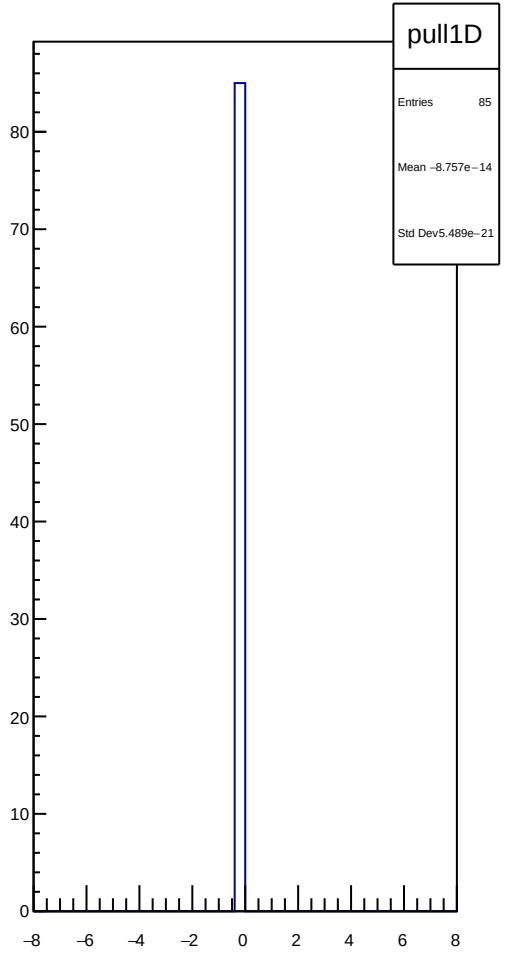

dit_sam7_4eX_slope vs run
χ² / ndf 1.37e−24 / 84
p0 −76.49 ± 0.1093
−75.5
−76
−76.5
−77
−77.5
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12

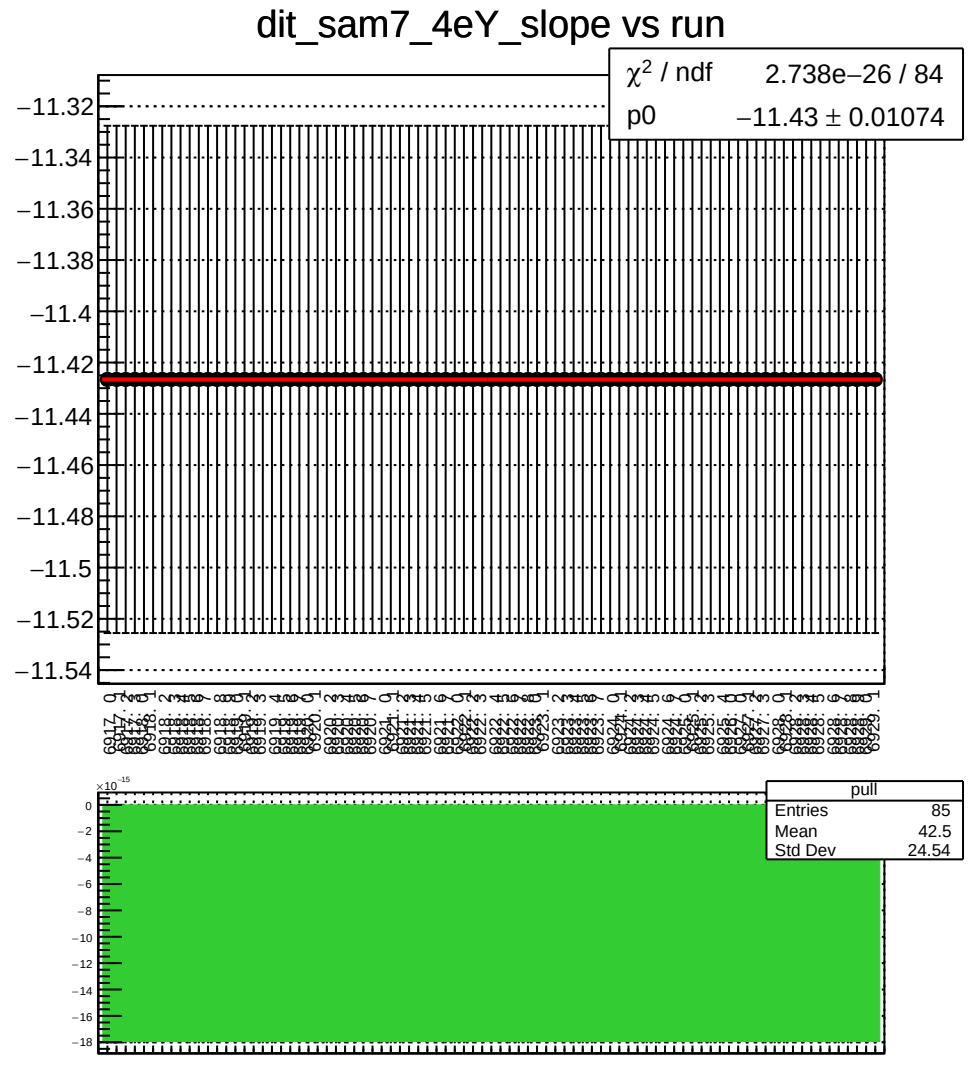

pull1D
Entries 85
Mean −1.269e−13
Std Dev 7.763e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

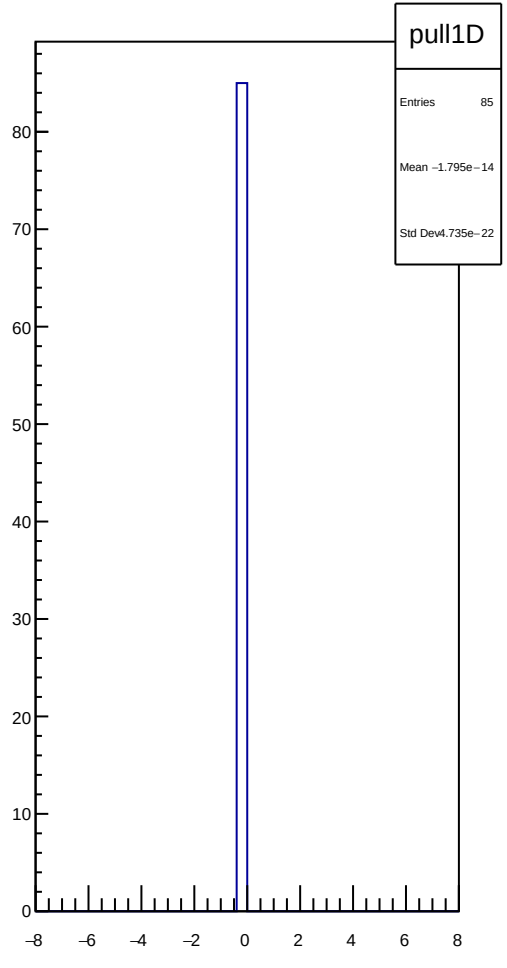

dit_sam7_11X12X_slope vs run
χ² / ndf 1.394e−26 / 84
p0 0.3786 ± 0.003291
0.41
0.4
0.39
0.38
0.37
0.36
0.35
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
12
10
8
6
4
2
0

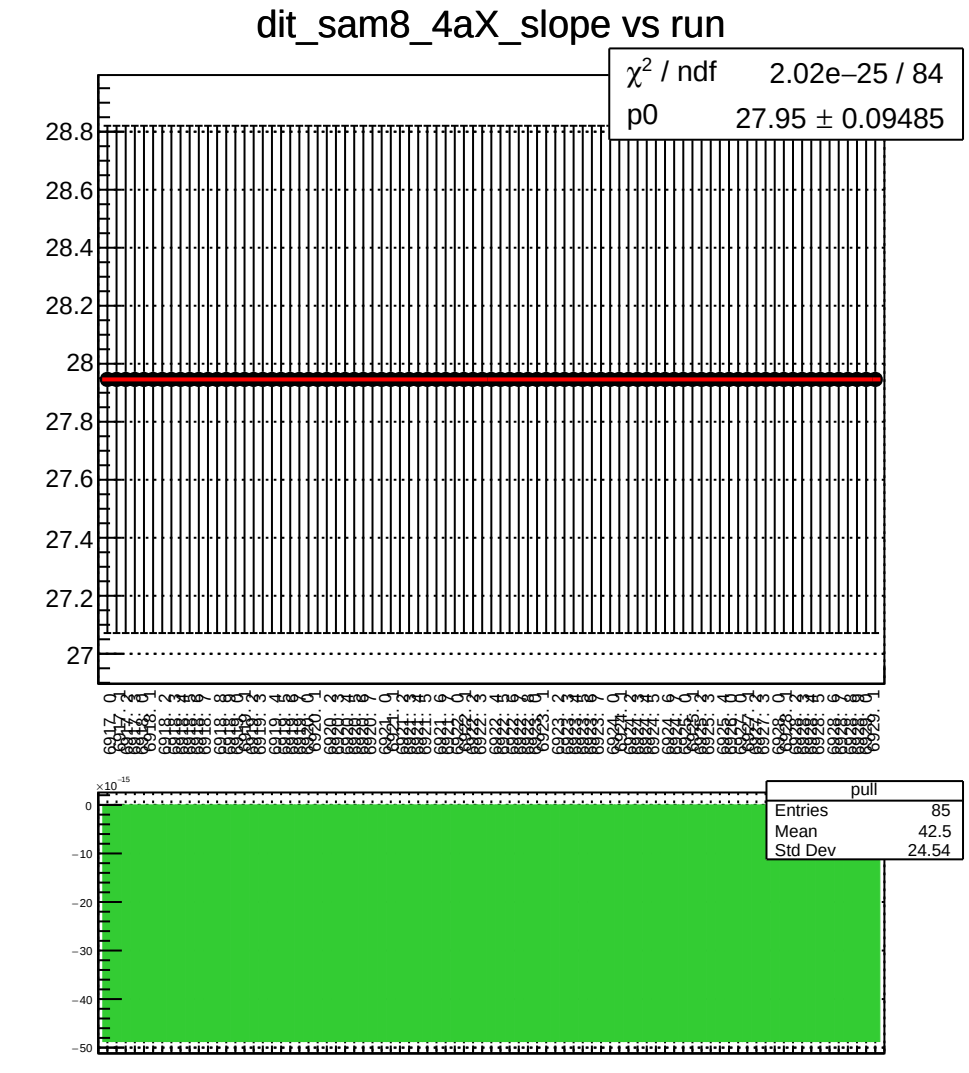

pull1D
Entries 85
Mean 1.281e−14
Std Dev 6.527e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

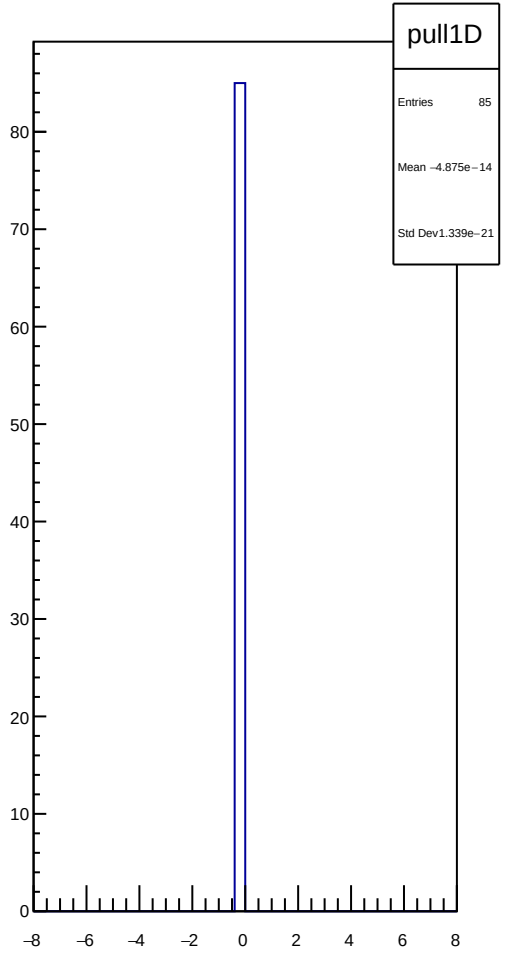

dit_sam7_4aY_slope vs run
χ² / ndf 6.518e−25 / 84
p0 5.626 ± 0.008801
pull
Entries 85
Mean 42.5
Std Dev 24.54

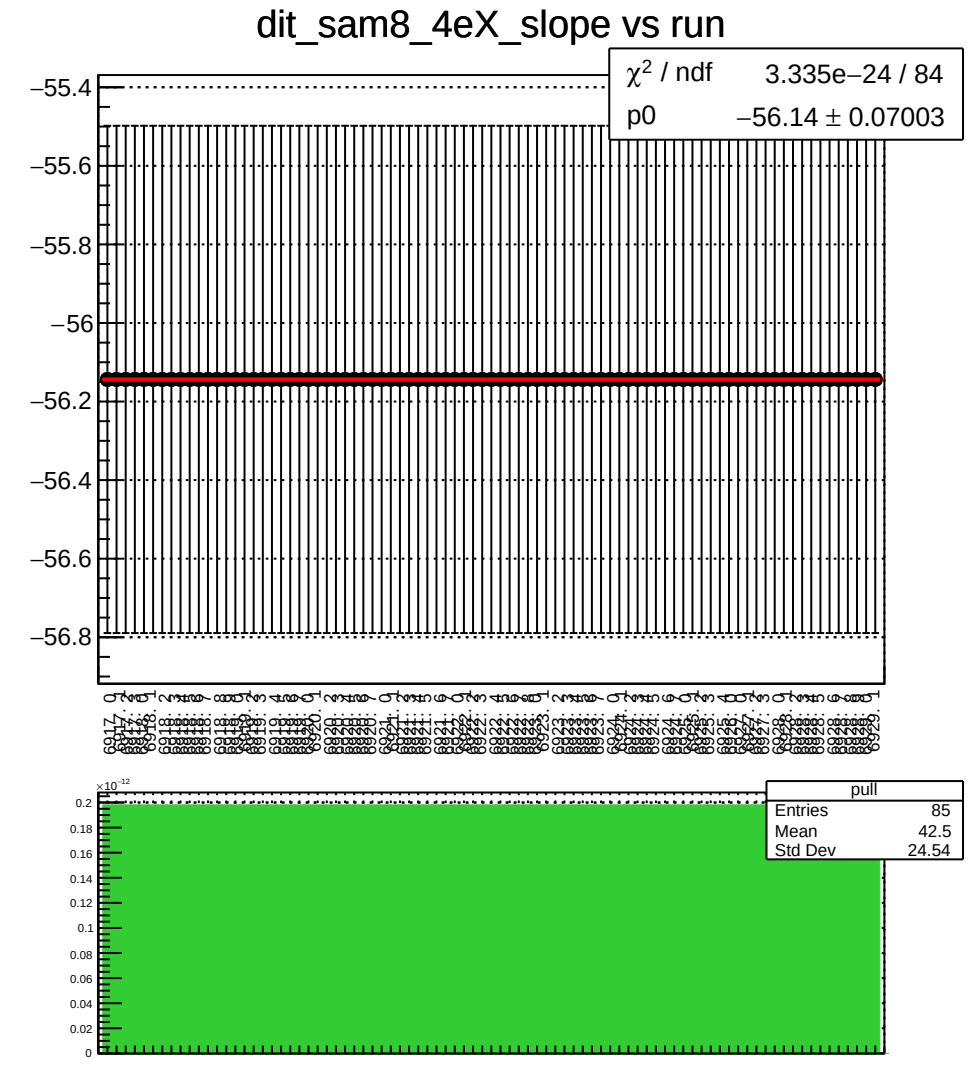

pull1D
Entries 85
Mean −8.757e−14
Std Dev5.489e−21

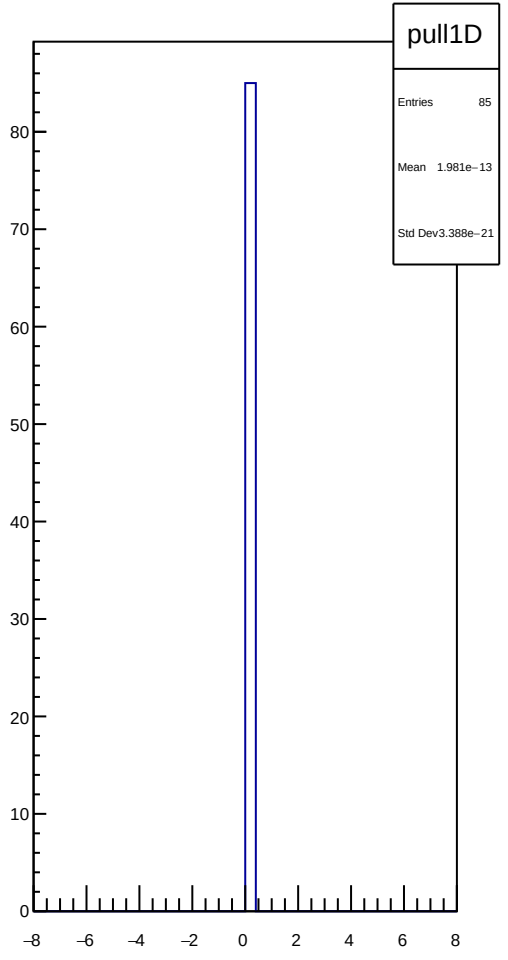

dit_sam7_4eY_slope vs run
χ² / ndf 2.738e−26 / 84
p0 −11.43 ± 0.01074
−11.32
−11.34
−11.36
−11.38
−11.4
−11.42
−11.44
−11.46
−11.48
−11.5
−11.52
−11.54
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
−16
−18

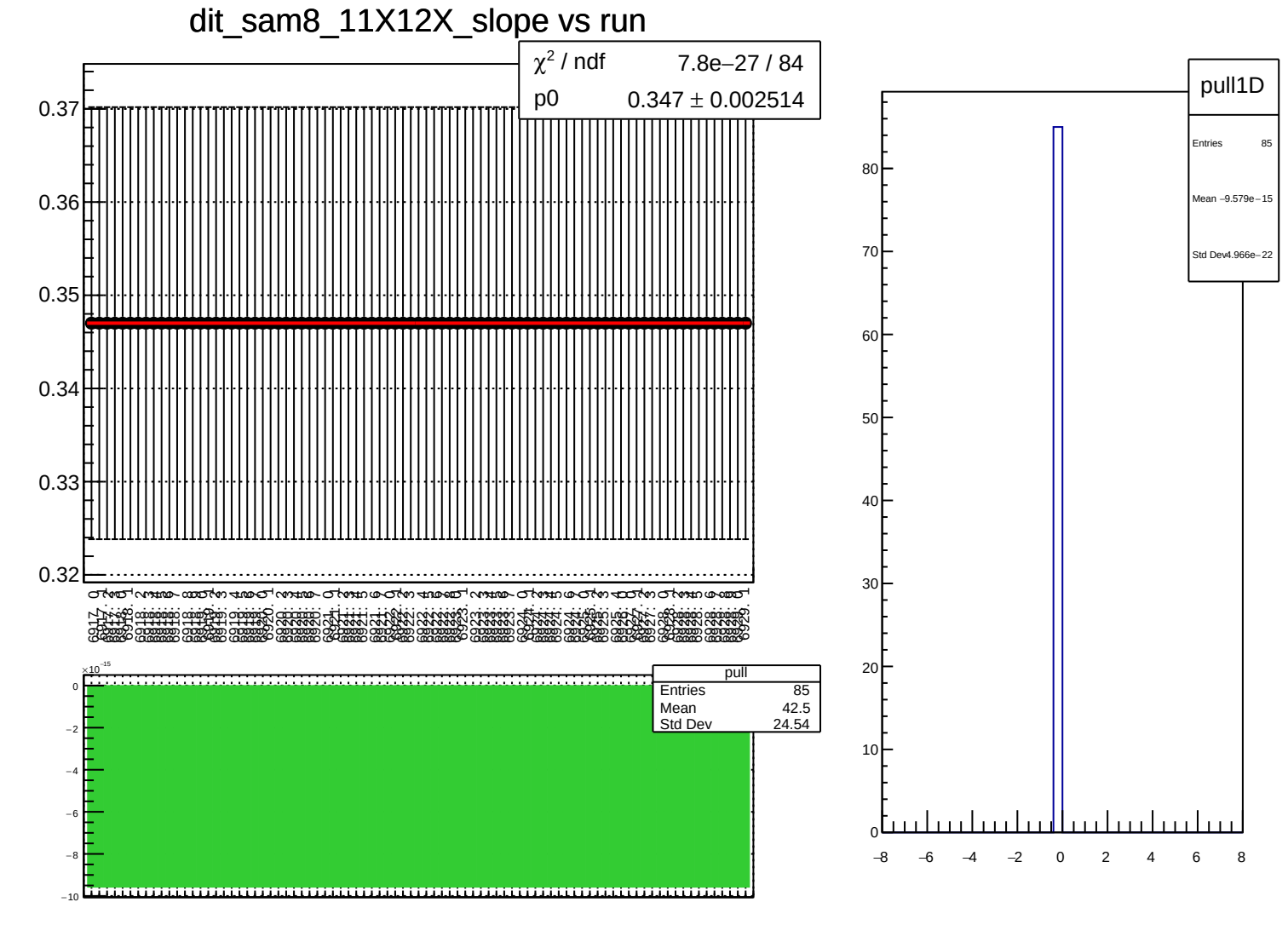

pull1D
Entries 85
Mean −1.795e−14
Std Dev 4.735e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

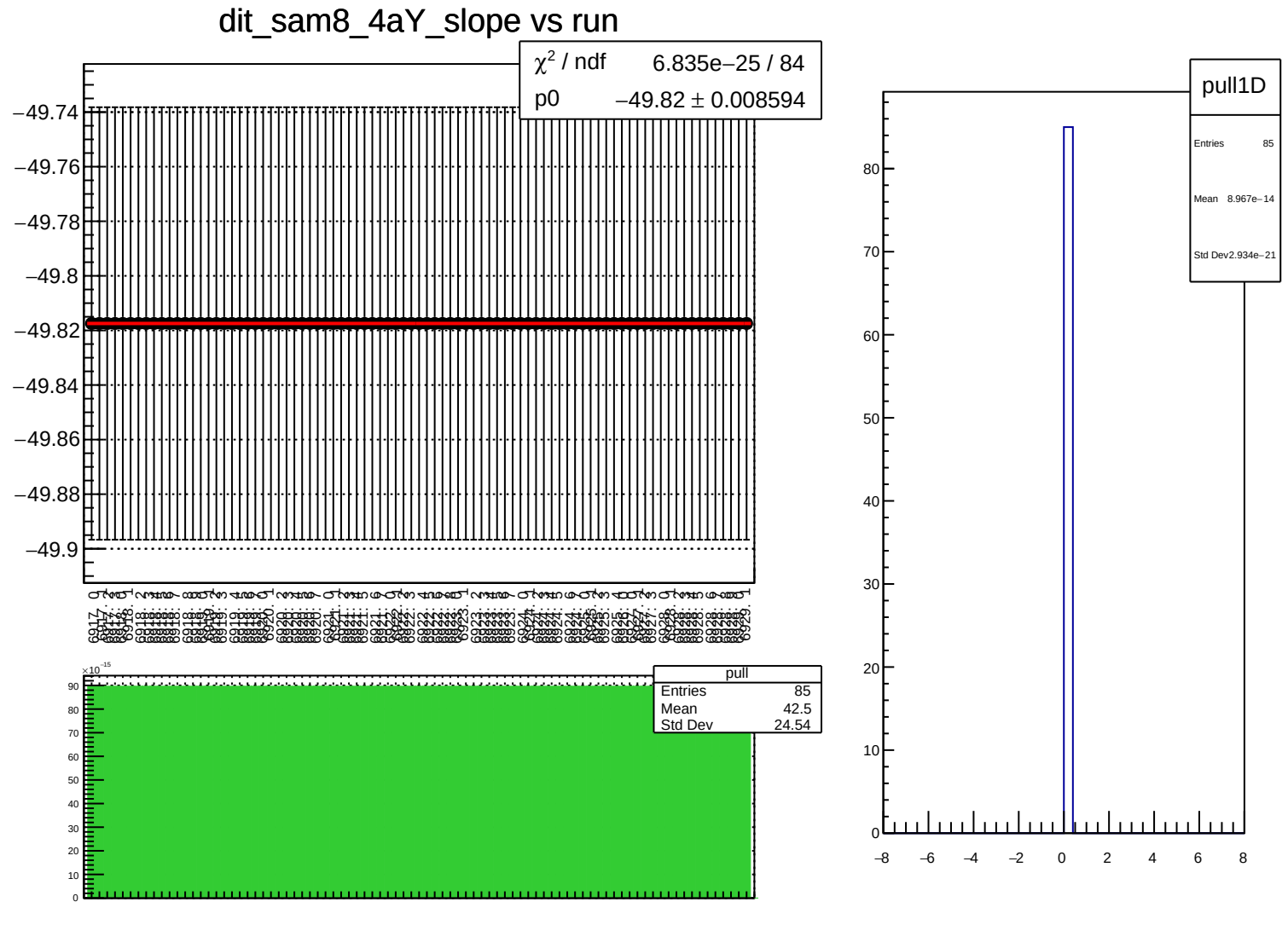

dit_sam8_4aX_slope vs run
χ^2 / ndf 2.02e−25 / 84
p0 27.95 ± 0.09485
28.8
28.6
28.4
28.2
28
27.8
27.6
27.4
27.2
27
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-15
0
−10
−20
−30
−40
−50

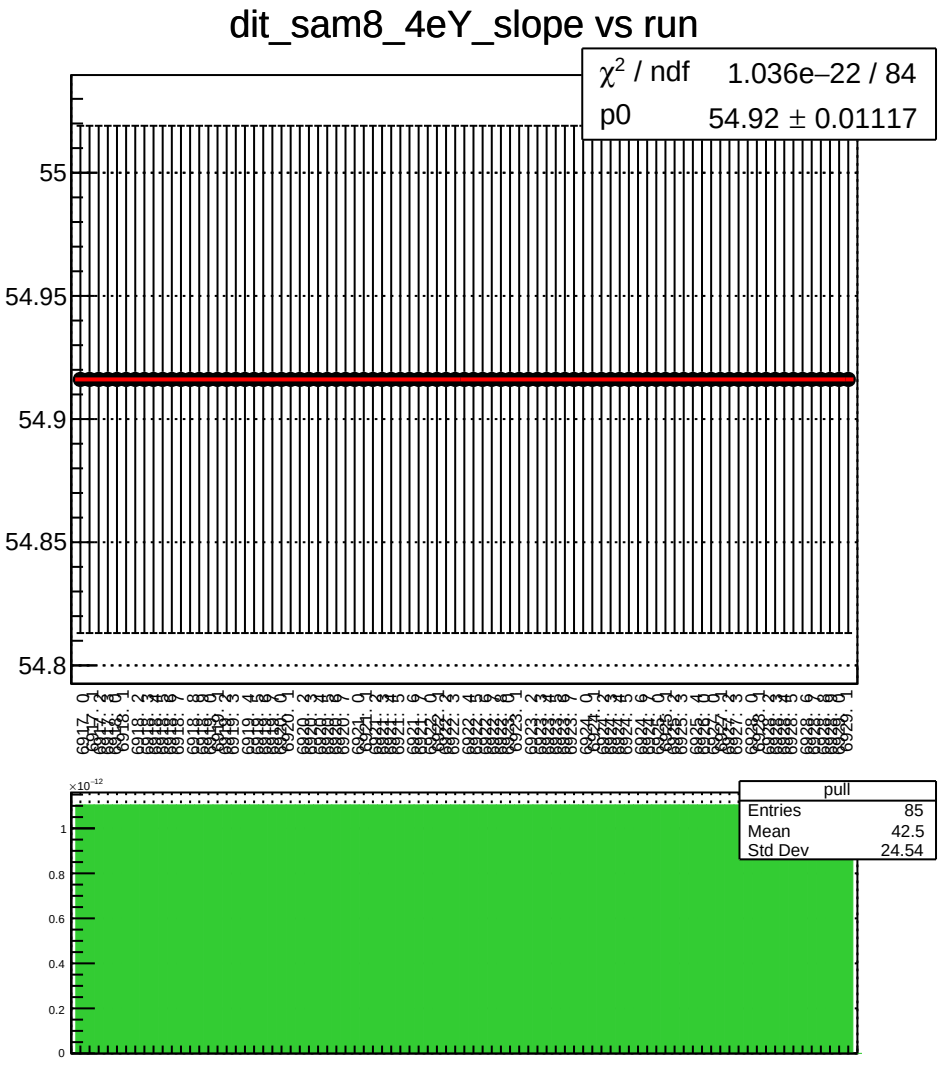

pull1D
Entries 85
Mean −4.875e−14
Std Dev1.339e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

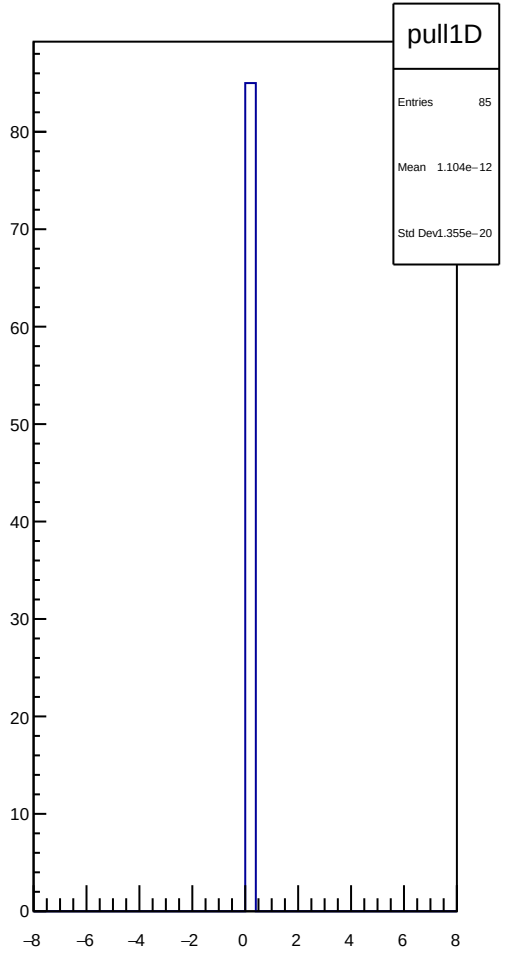

dit_sam8_4eX_slope vs run
χ² / ndf 3.335e−24 / 84
p0 −56.14 ± 0.07003
−55.4
−55.6
−55.8
−56
−56.2
−56.4
−56.6
−56.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0

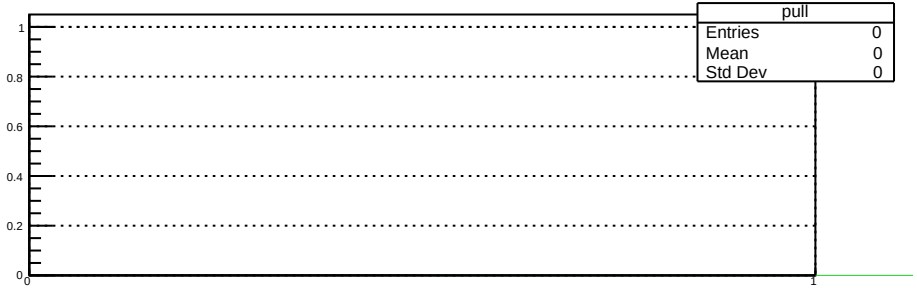

pull1D
Entries 85
Mean 1.981e−13
Std Dev 3.388e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

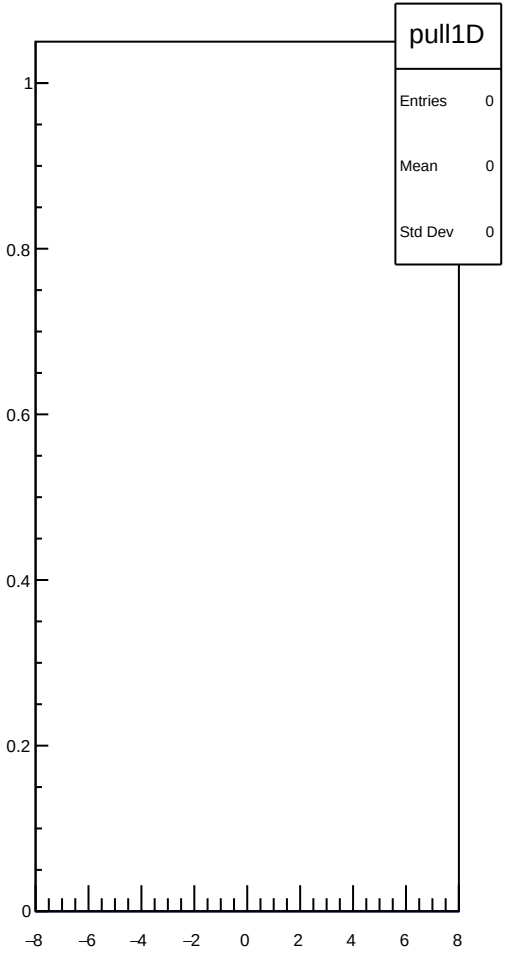

dit_sam8_11X12X_slope vs run
χ² / ndf 7.8e−27 / 84
p0 0.347 ± 0.002514
0.37
0.36
0.35
0.34
0.33
0.32
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−2
−4
−6
−8
−10
pull1D
Entries 85
Mean −9.579e−15
Std Dev4.966e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

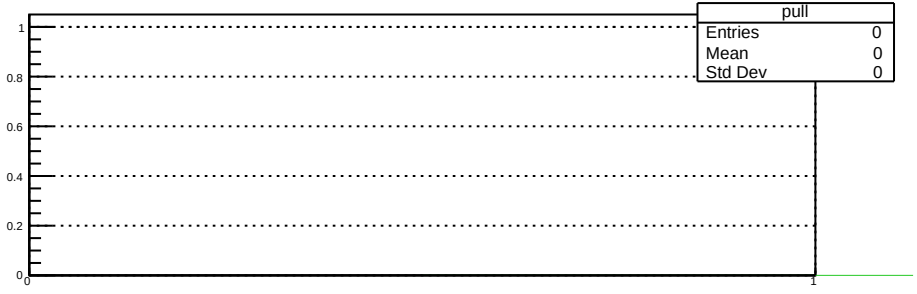

dit_sam8_4aY_slope vs run
χ² / ndf 6.835e−25 / 84
p0 −49.82 ± 0.008594
−49.74
−49.76
−49.78
−49.8
−49.82
−49.84
−49.86
−49.88
−49.9
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
pull1D
Entries 85
Mean 8.967e−14
Std Dev2.934e−21

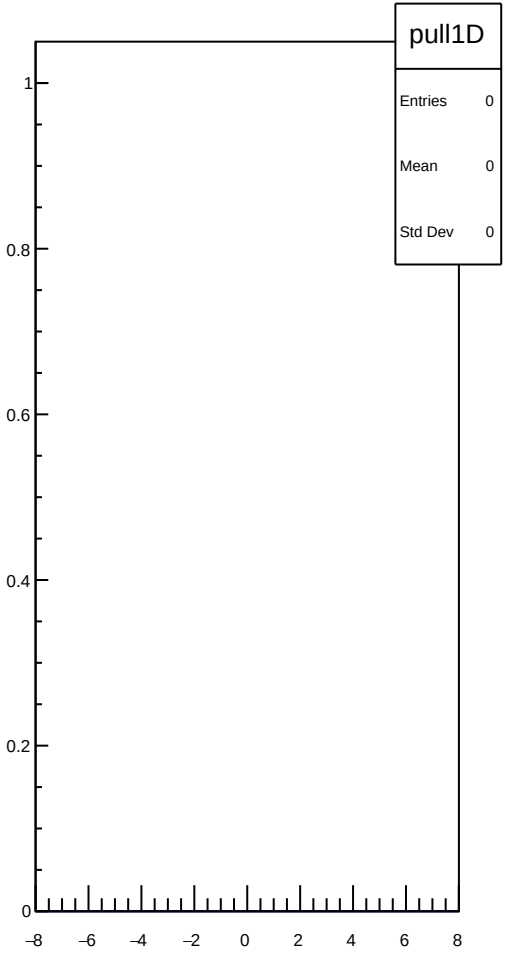

dit_sam8_4eY_slope vs run
χ² / ndf 1.036e−22 / 84
p0 54.92 ± 0.01117
55
54.95
54.9
54.85
54.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
1
0.8
0.6
0.4
0.2
0

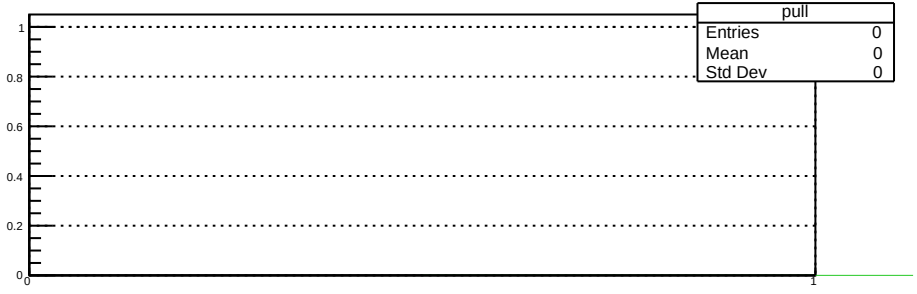

pull1D
Entries 85
Mean 1.104e−12
Std Dev1.355e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

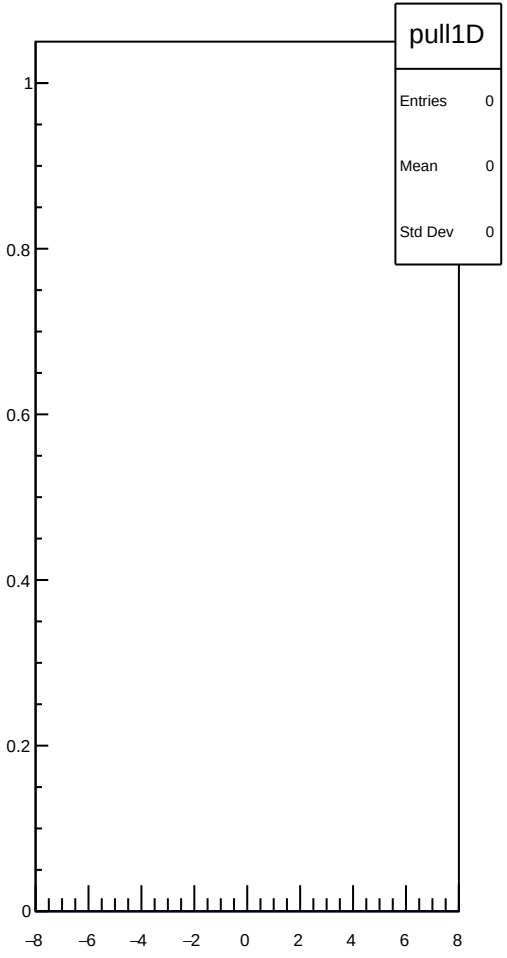

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

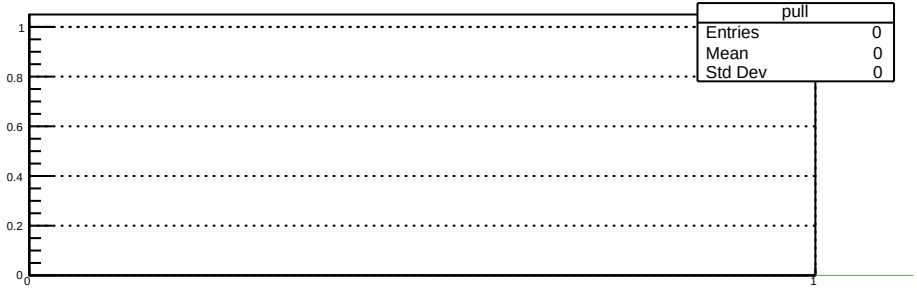

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

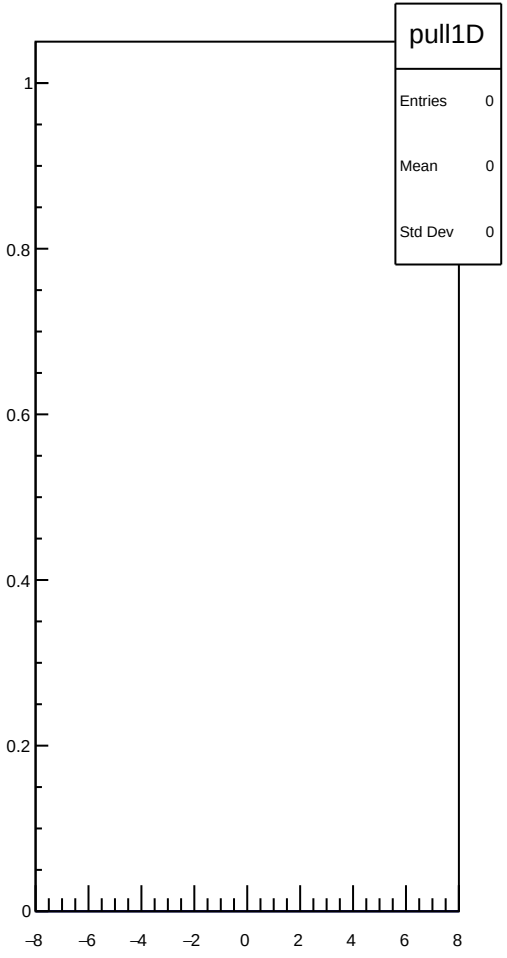

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

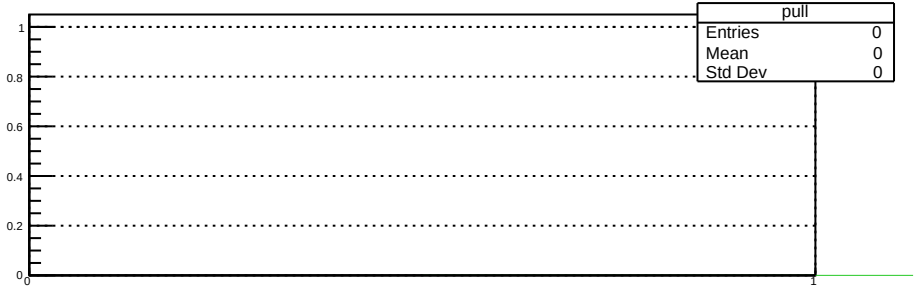

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

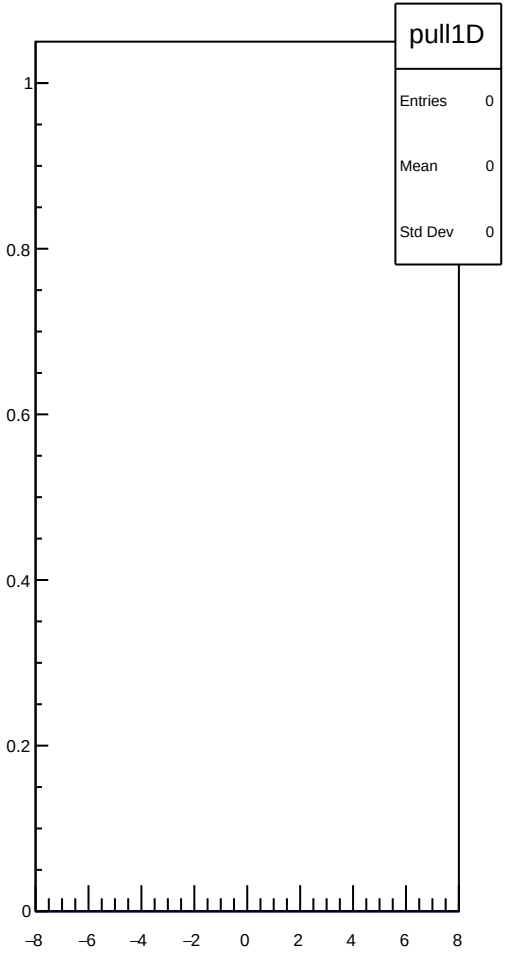

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

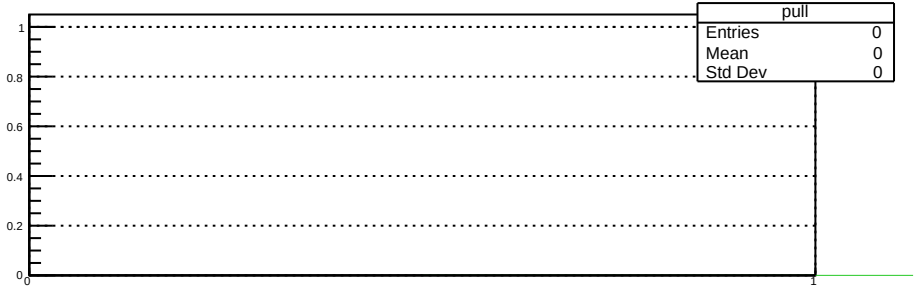

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

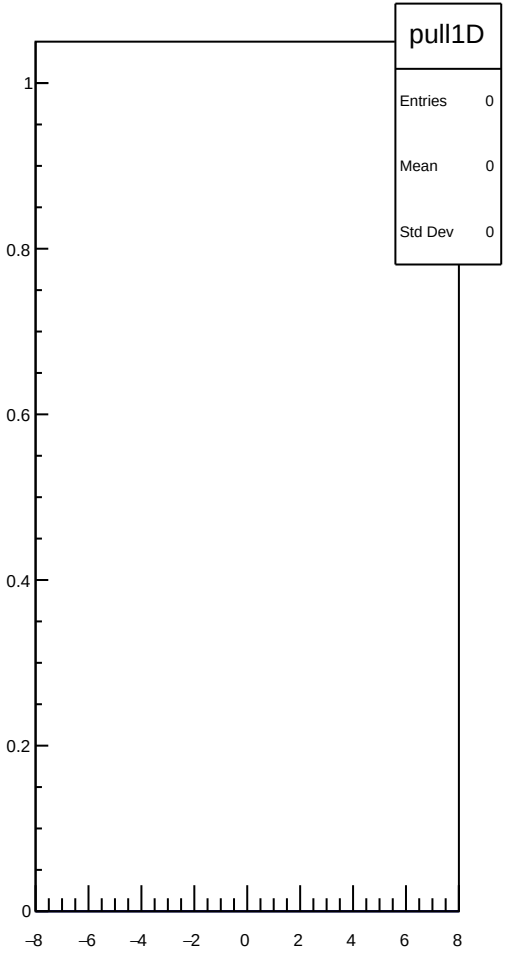

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

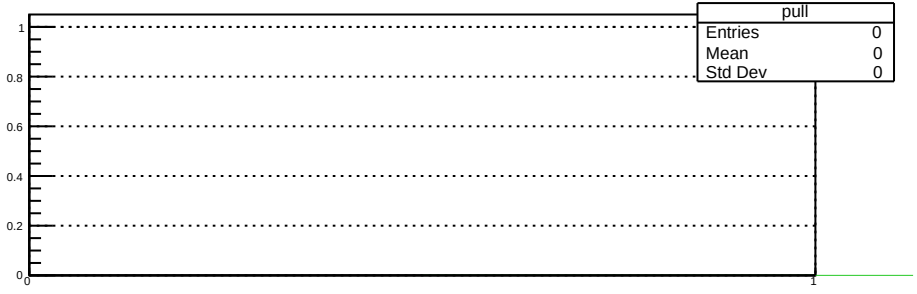

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

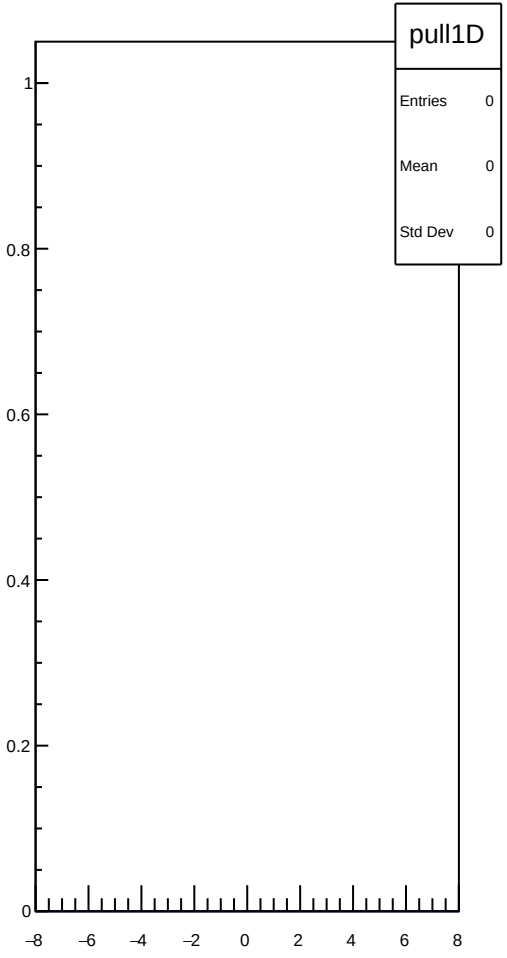

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

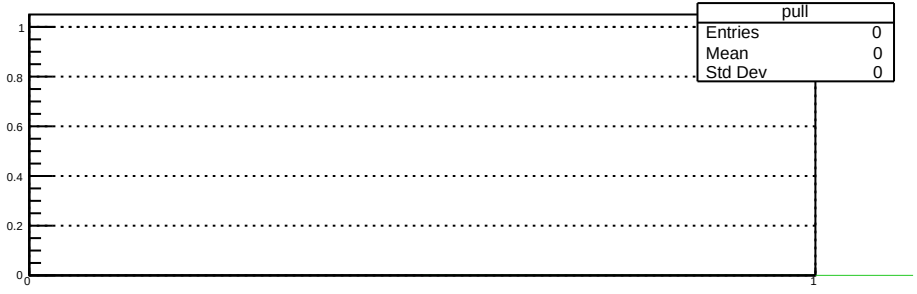

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

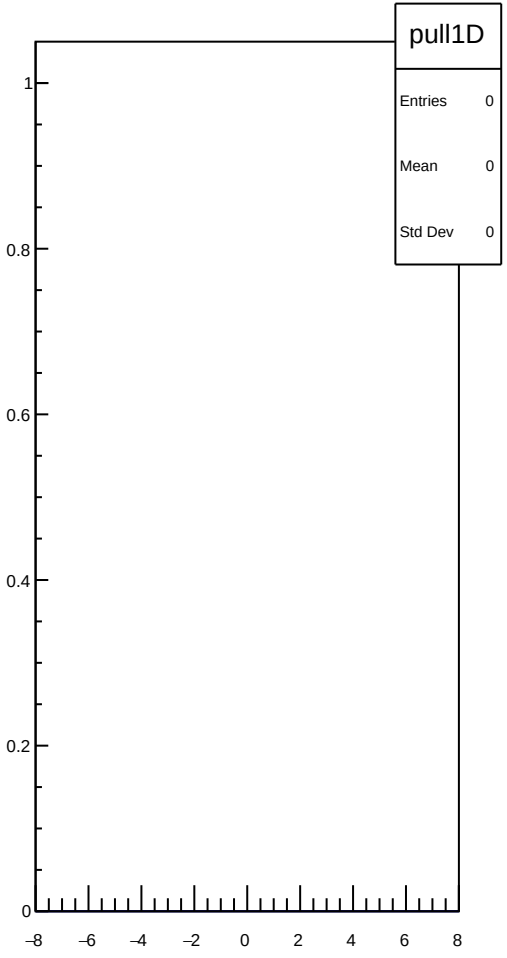

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

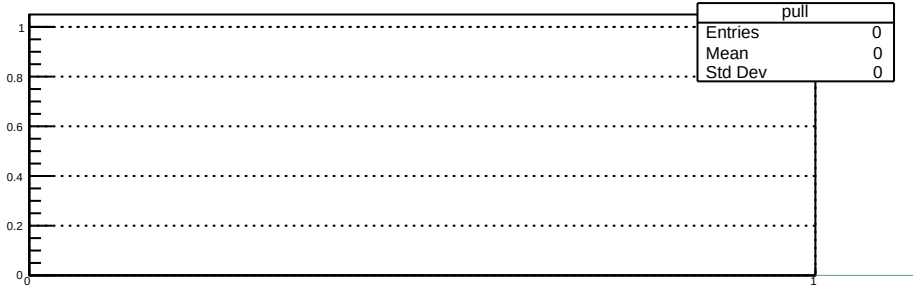

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

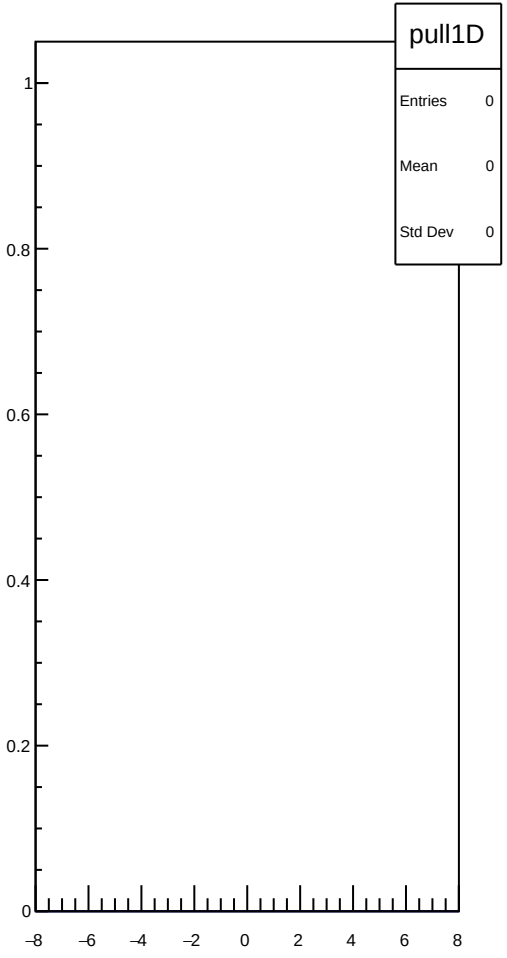

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

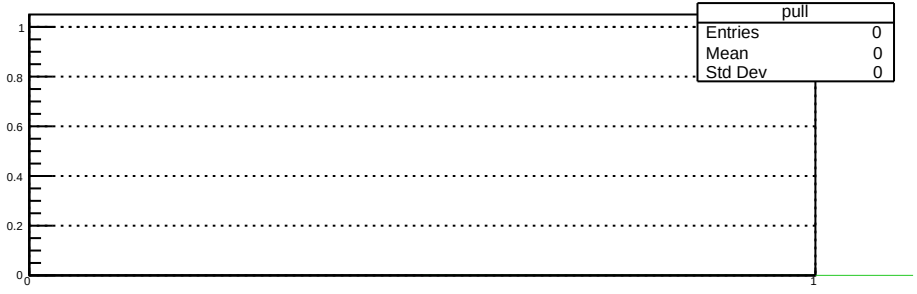

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

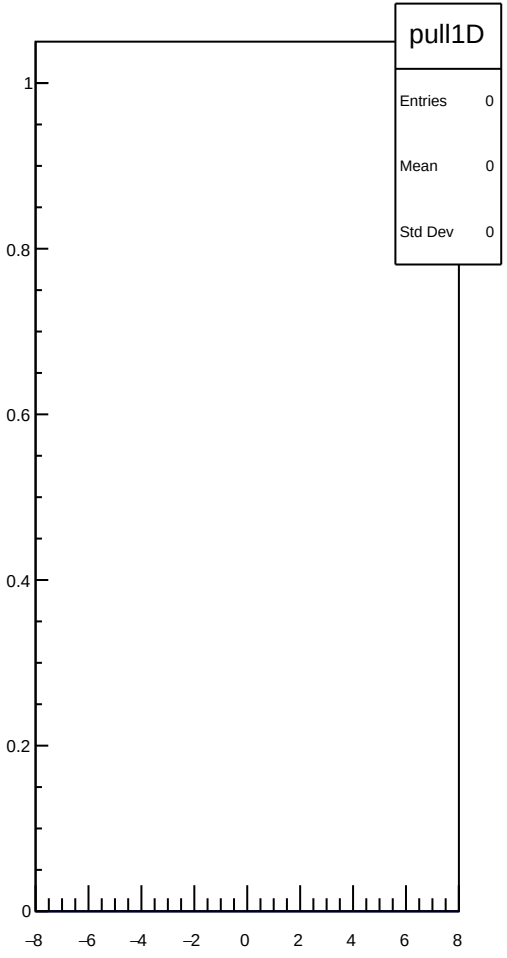

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

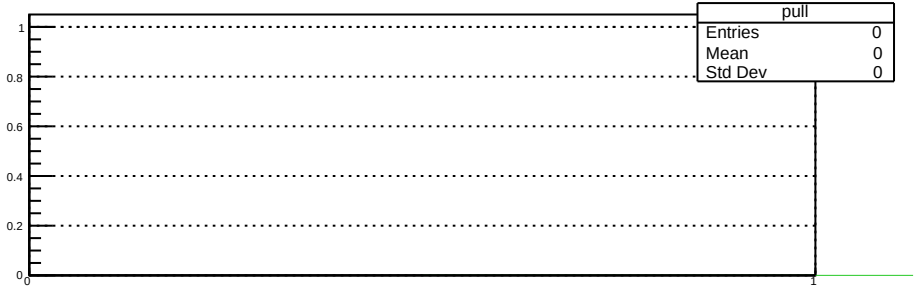

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

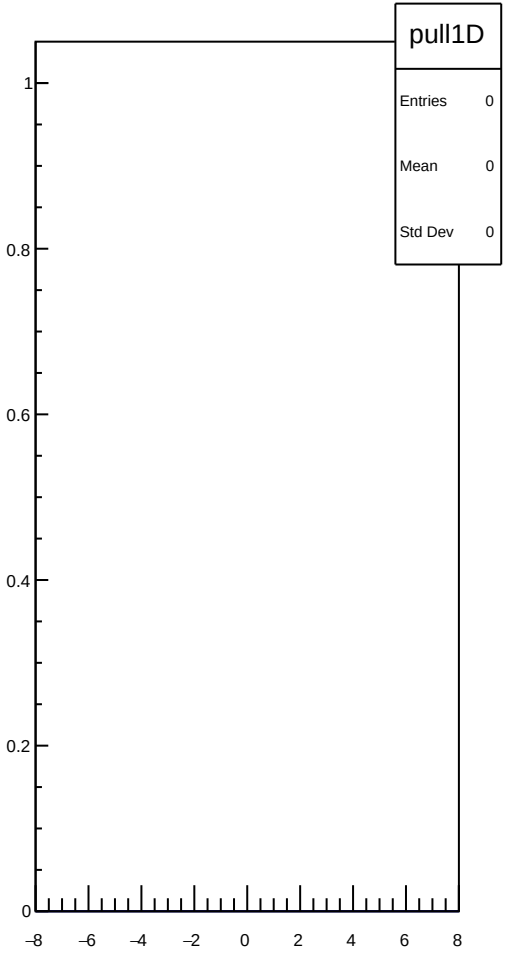

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

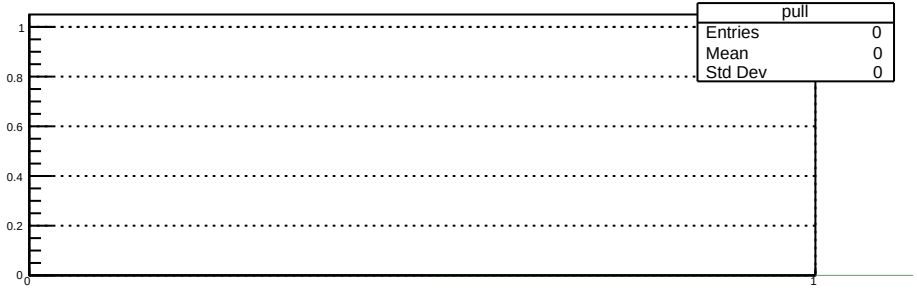

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

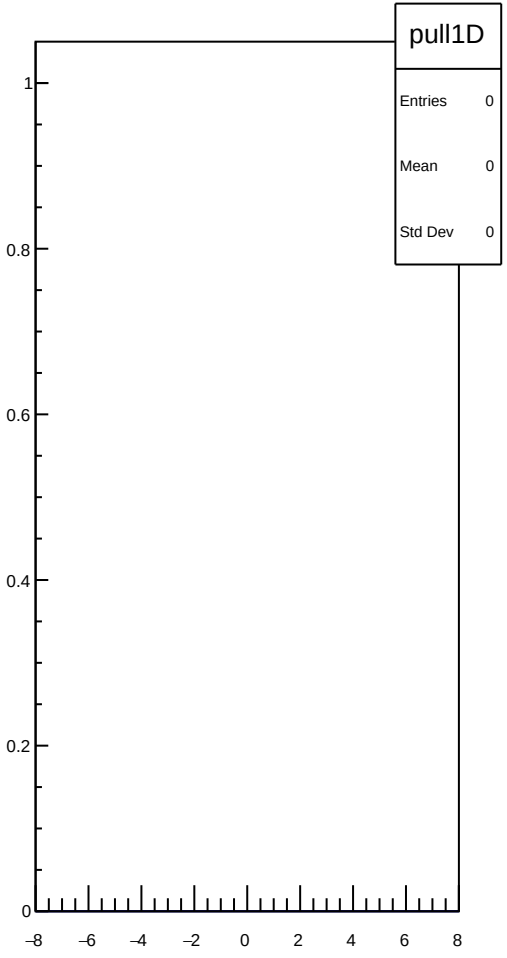

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

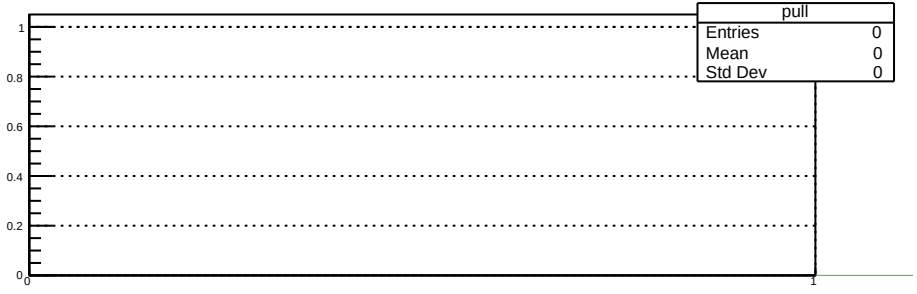

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

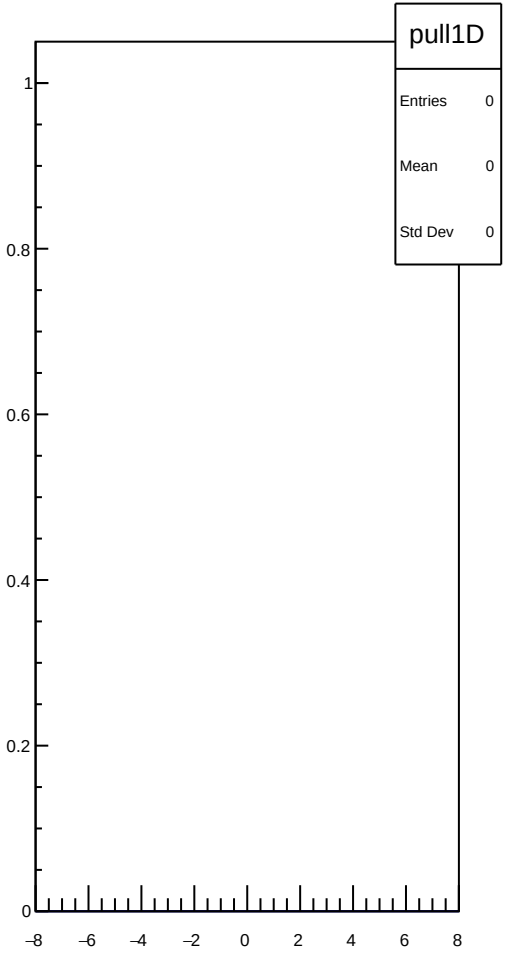

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

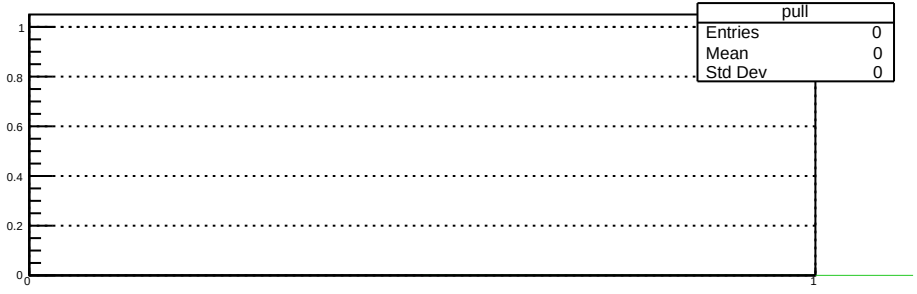

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

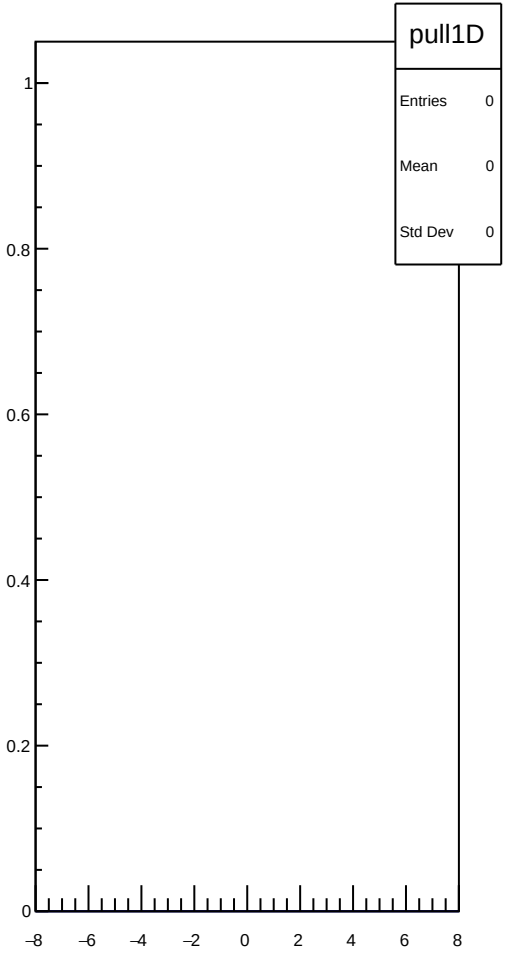

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

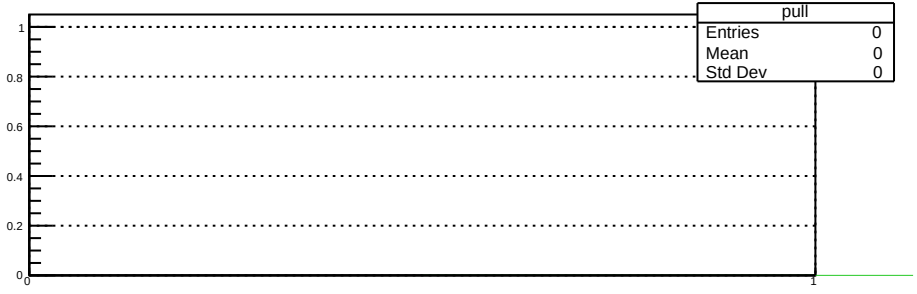

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

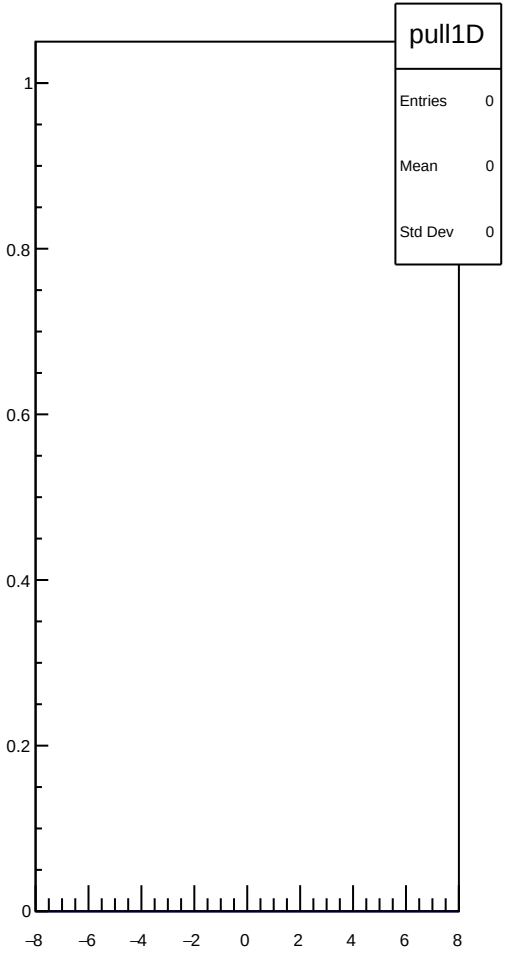

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

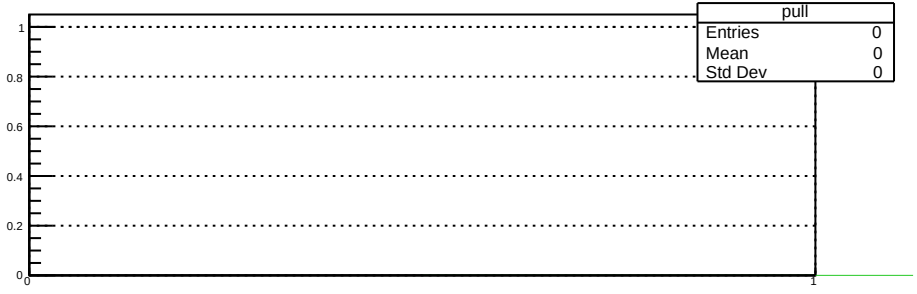

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

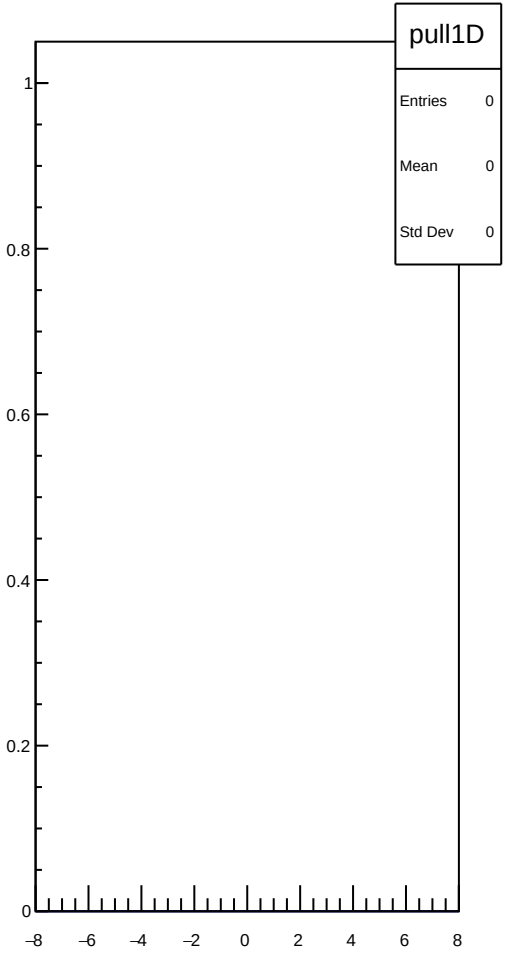

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

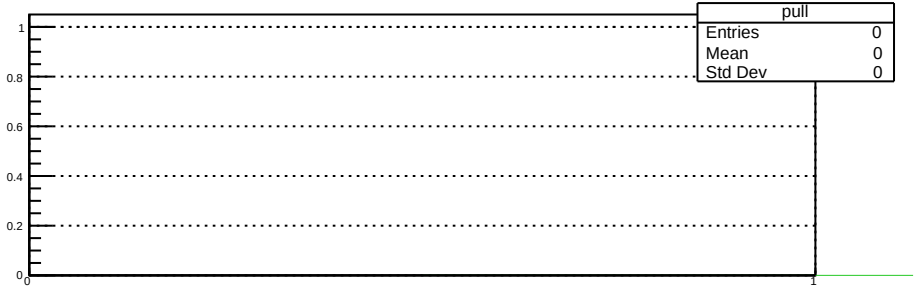

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

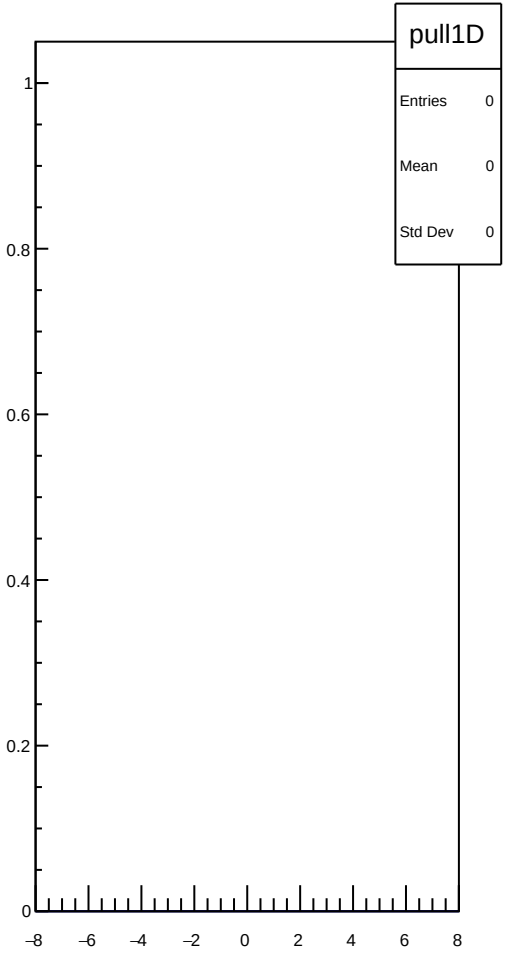

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

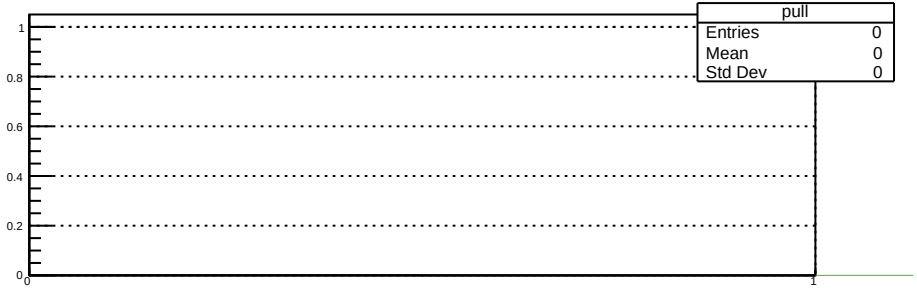

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

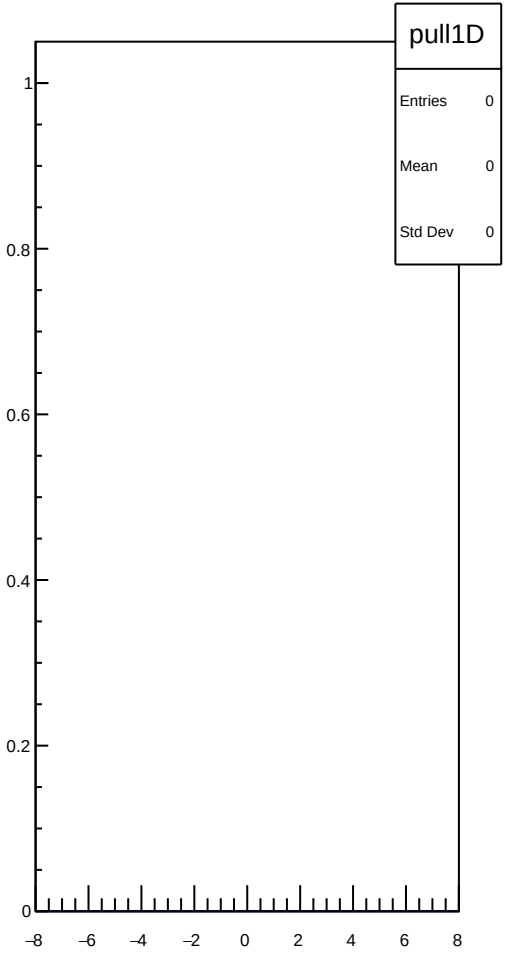

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

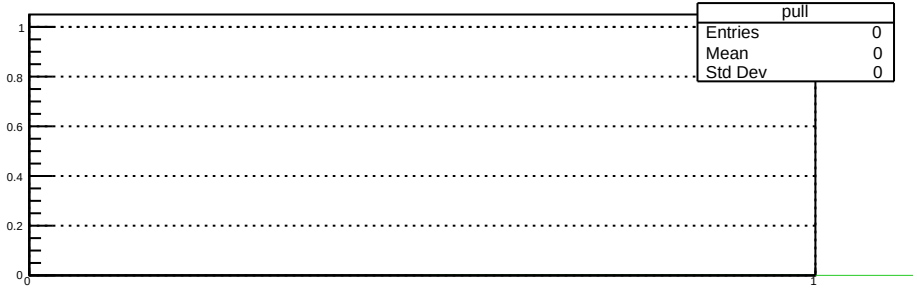

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

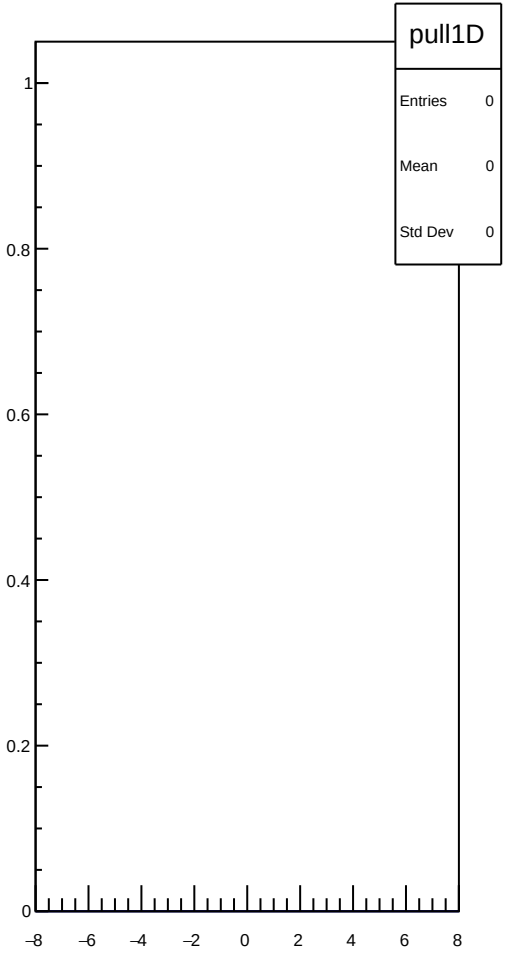

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

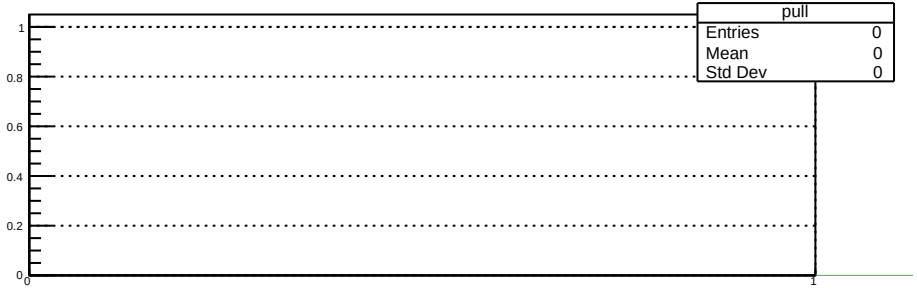

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

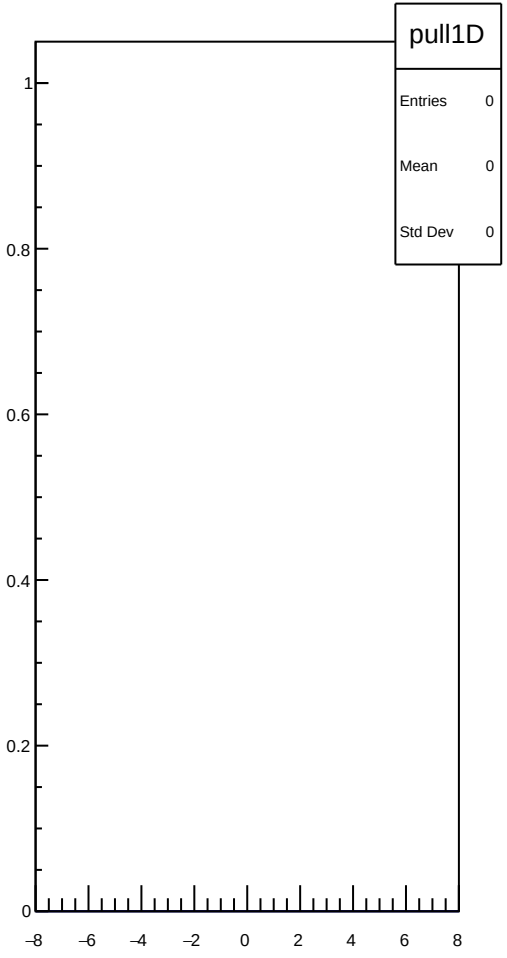

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

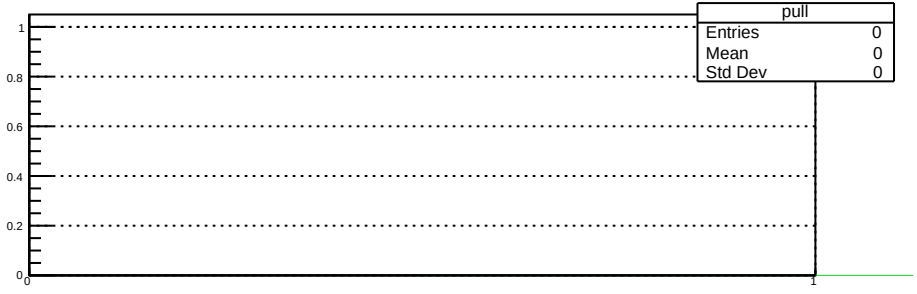

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

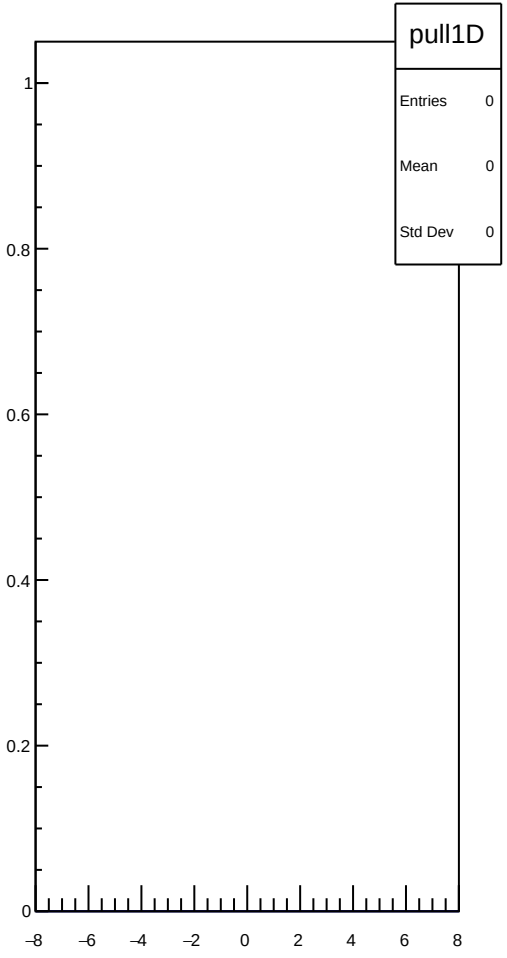

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

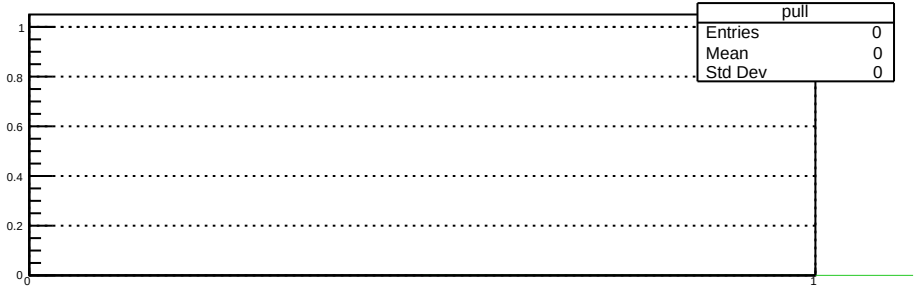

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

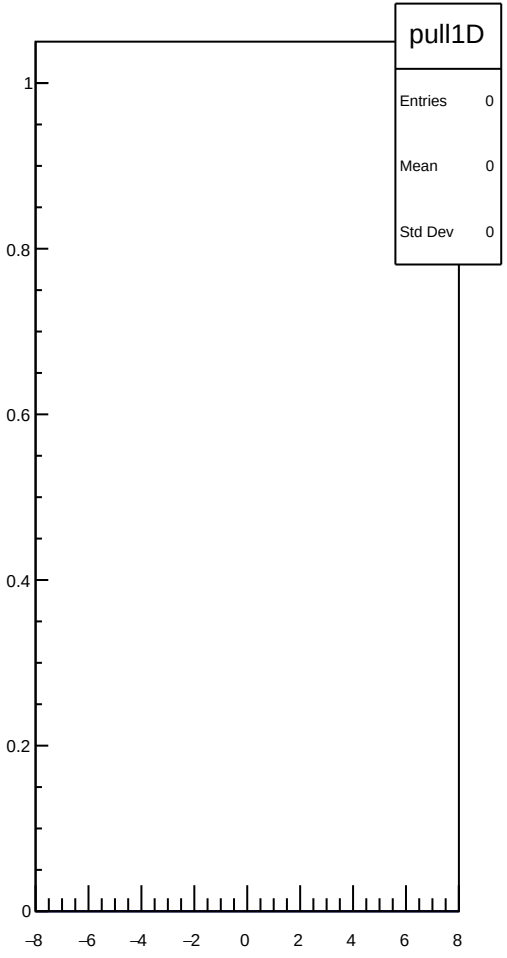

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

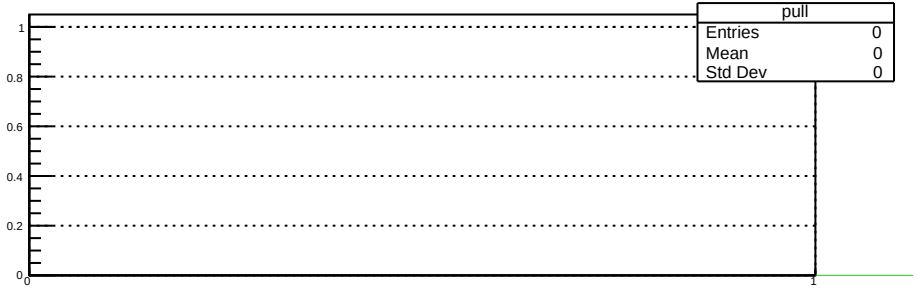

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

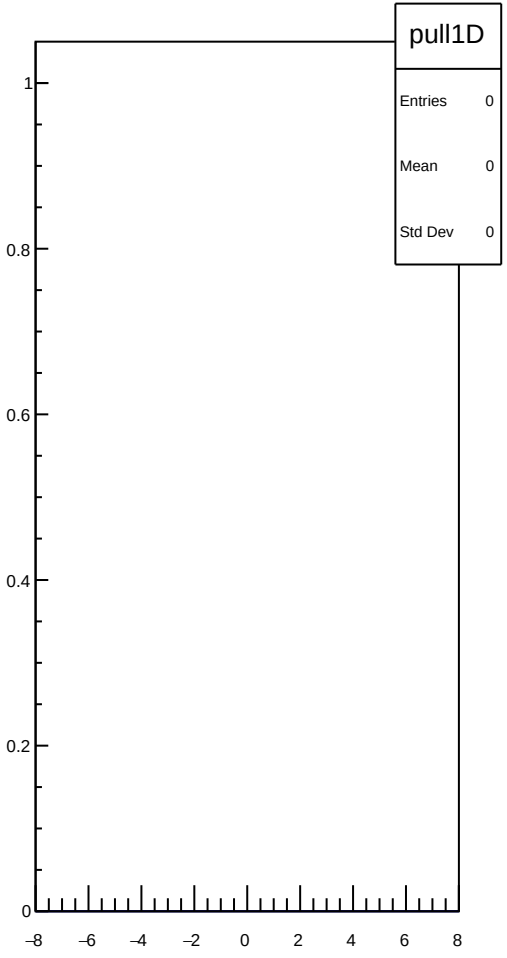

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

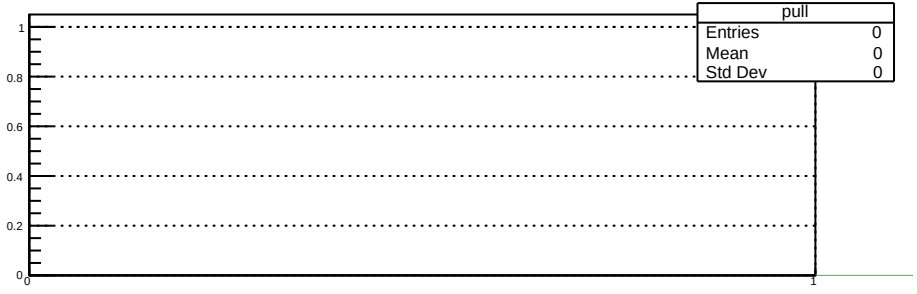

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

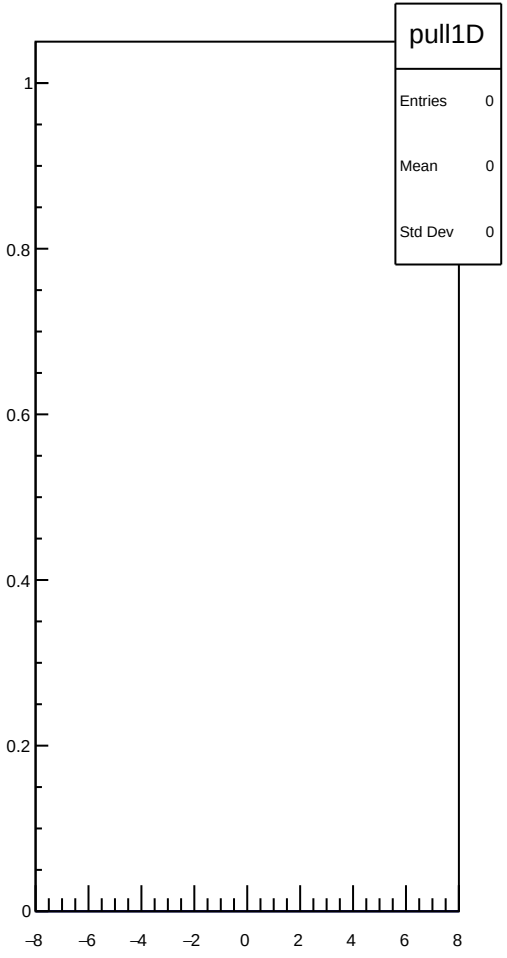

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

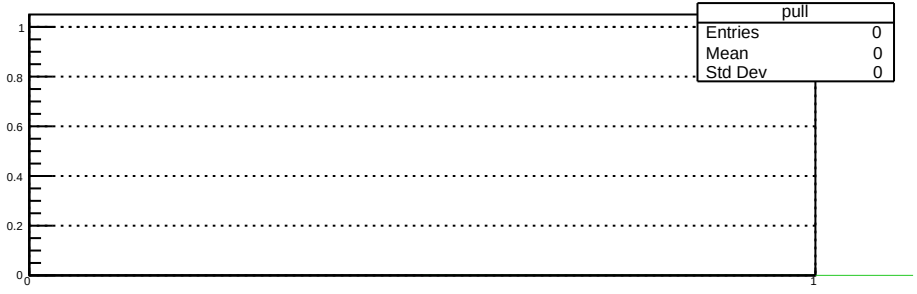

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

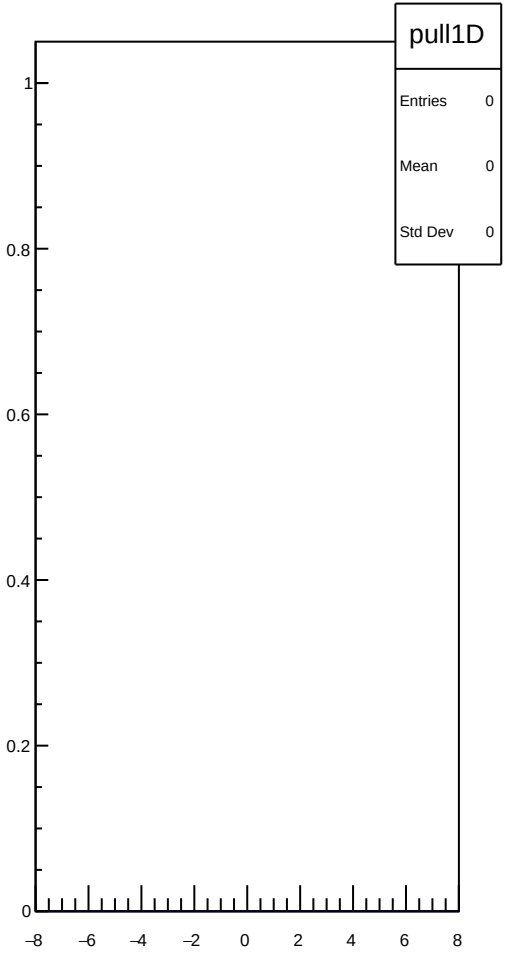

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

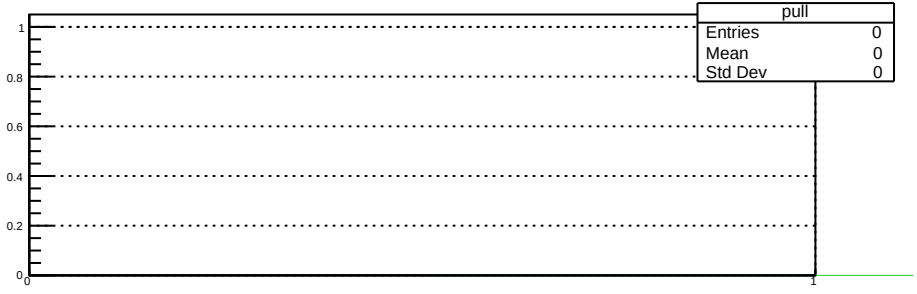

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

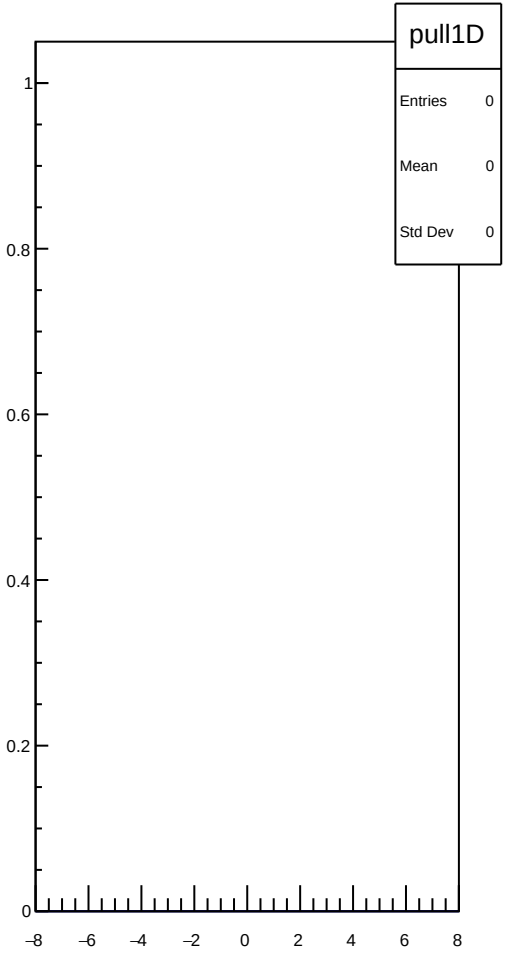

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

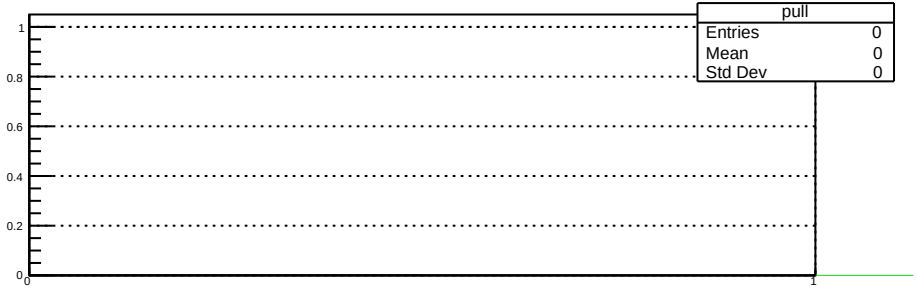

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

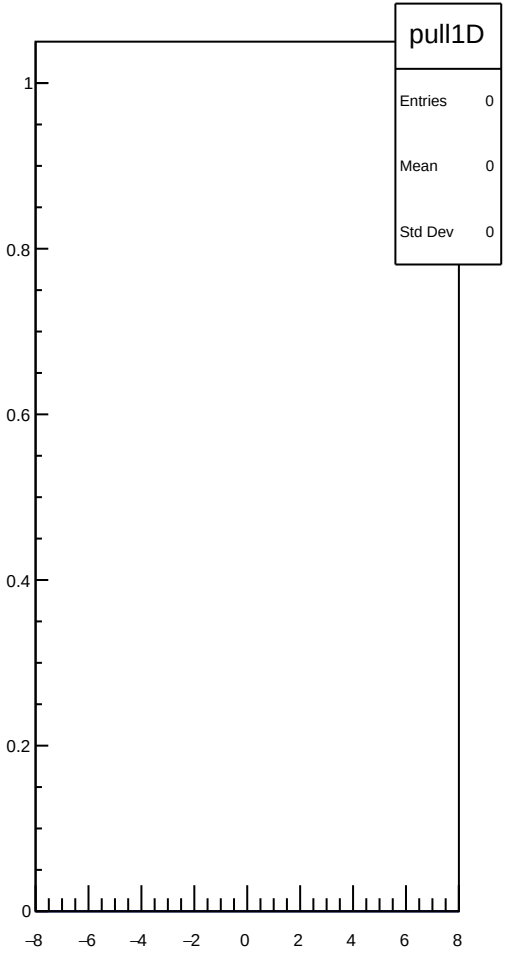

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

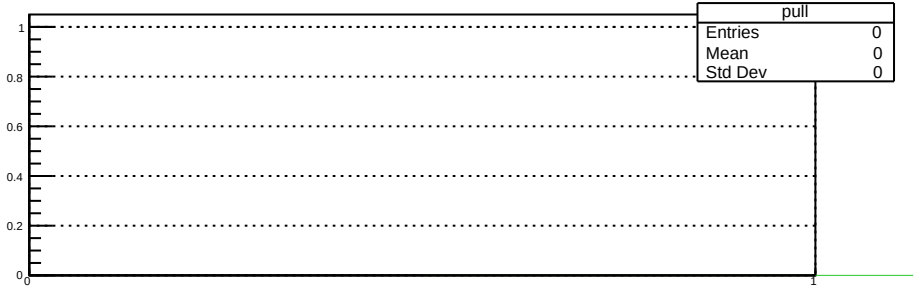

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

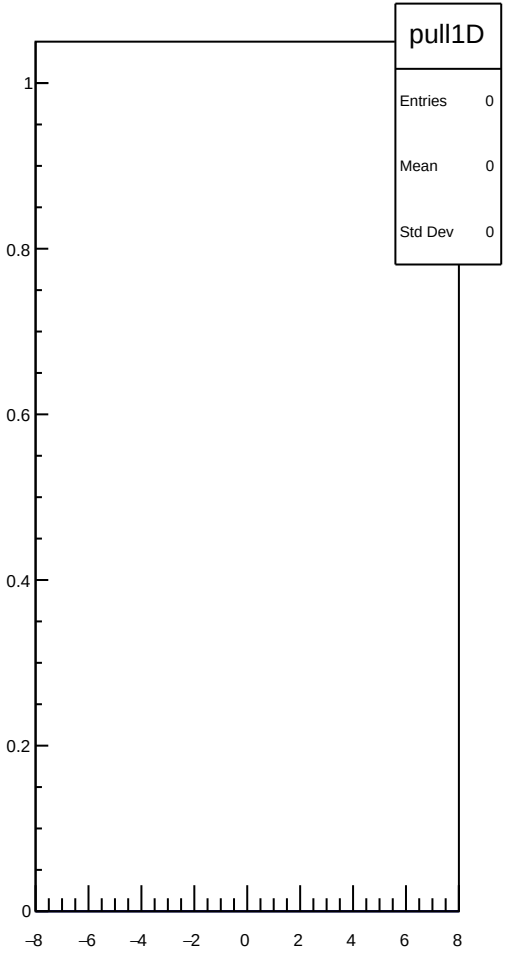

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

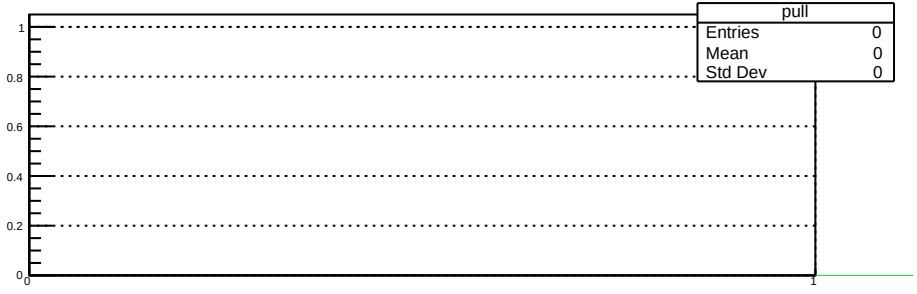

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

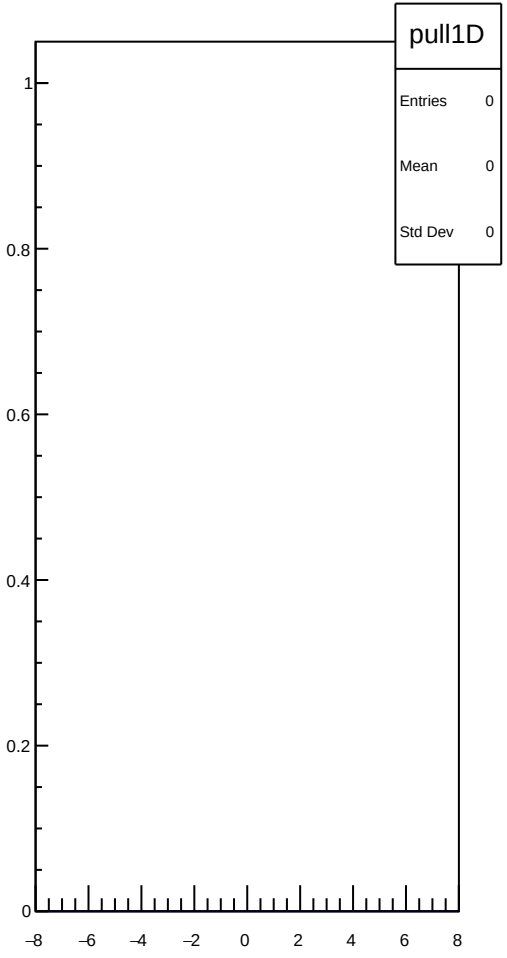

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

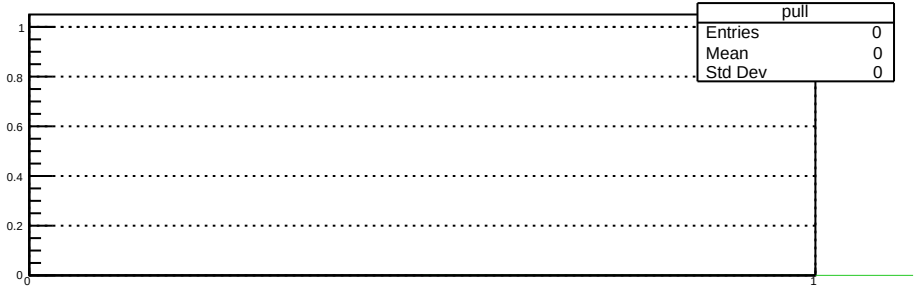

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

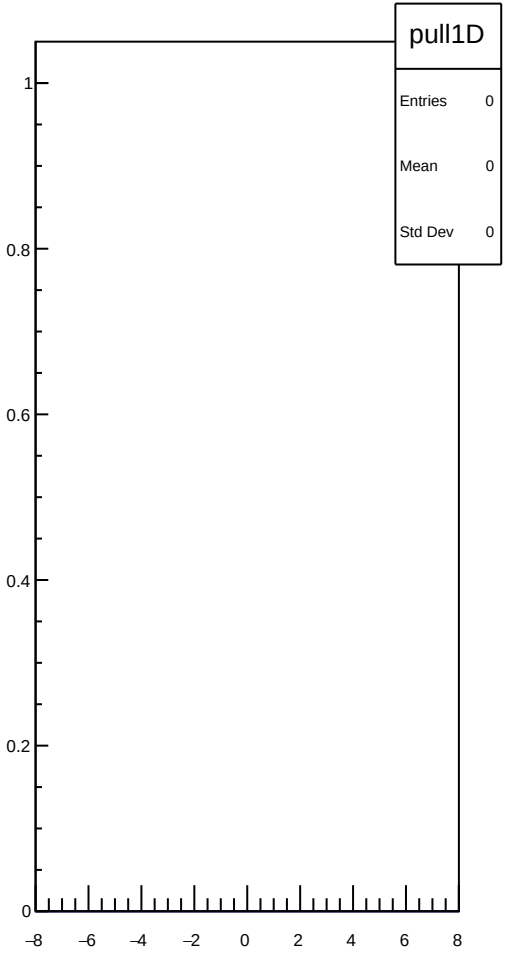

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

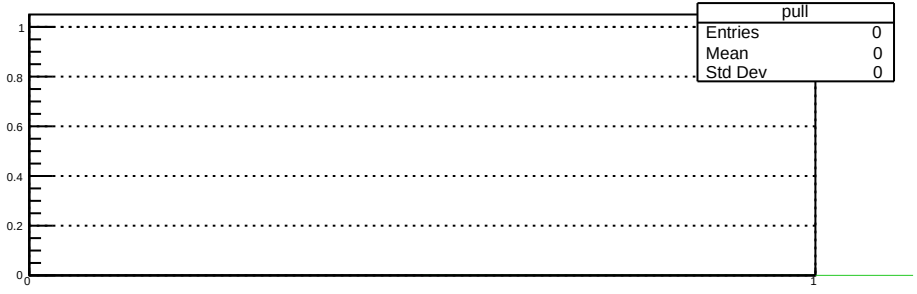

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

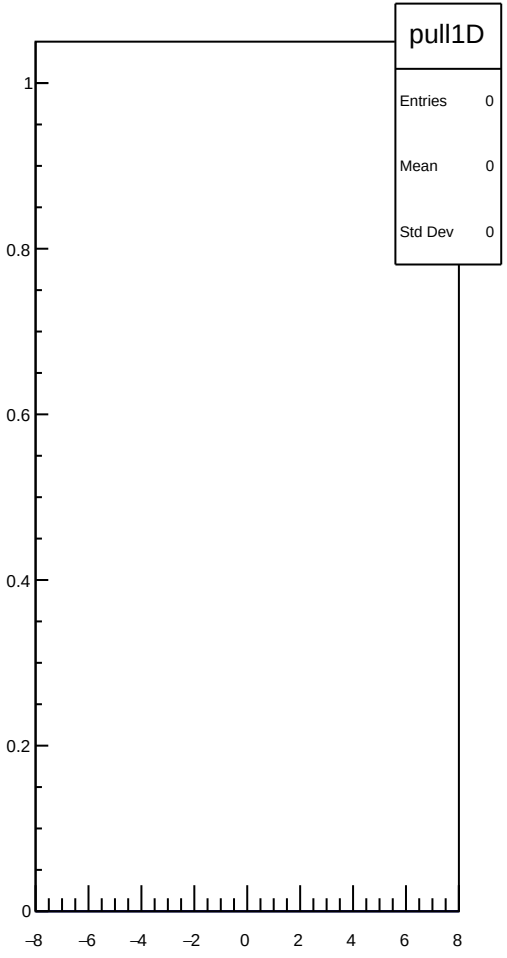

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

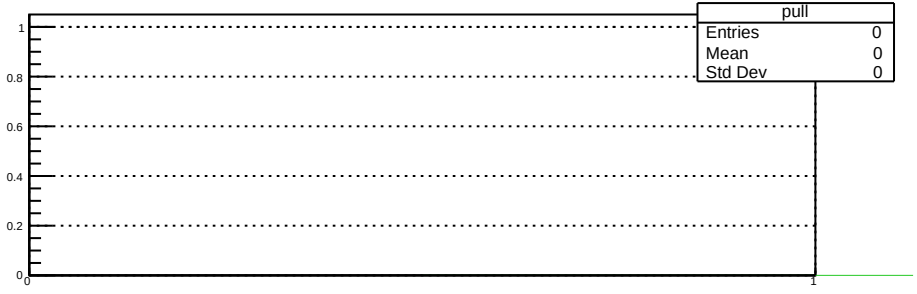

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

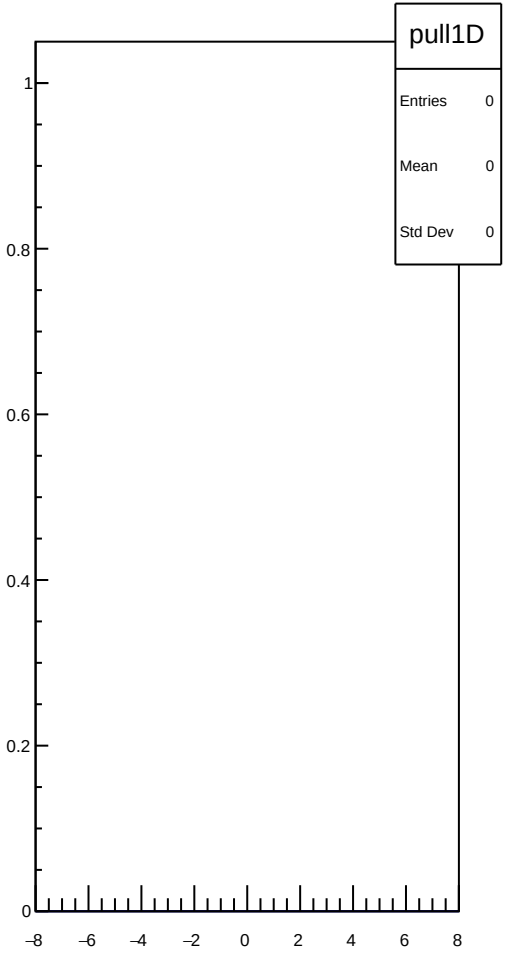

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

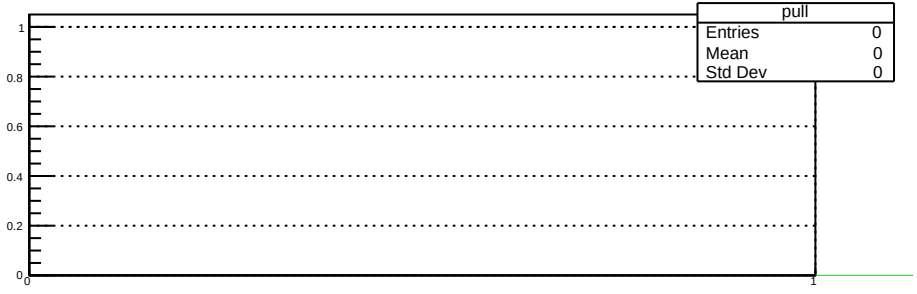

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

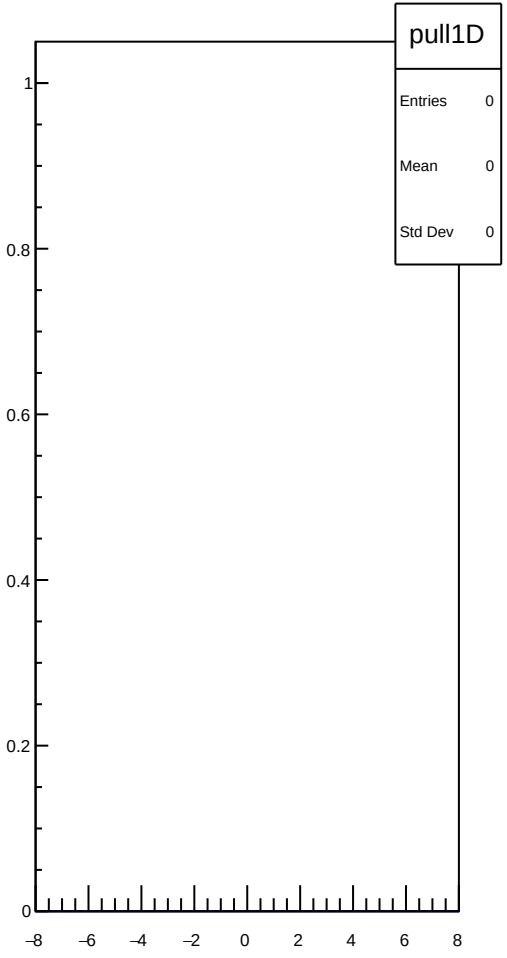

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

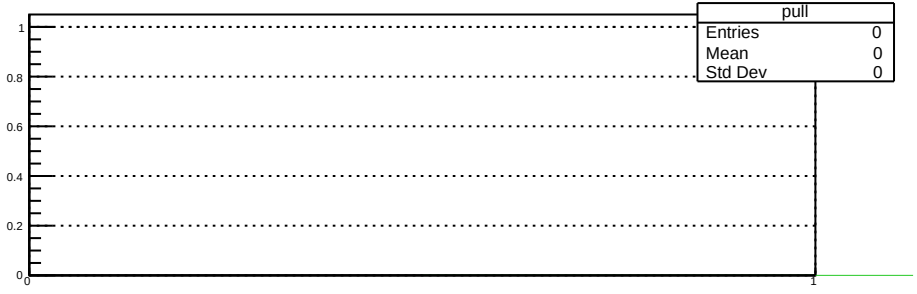

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

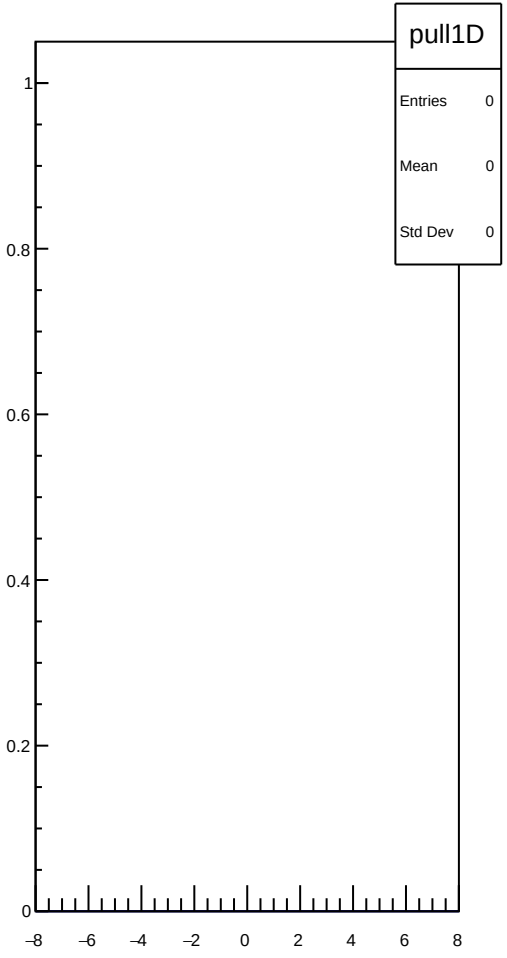

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

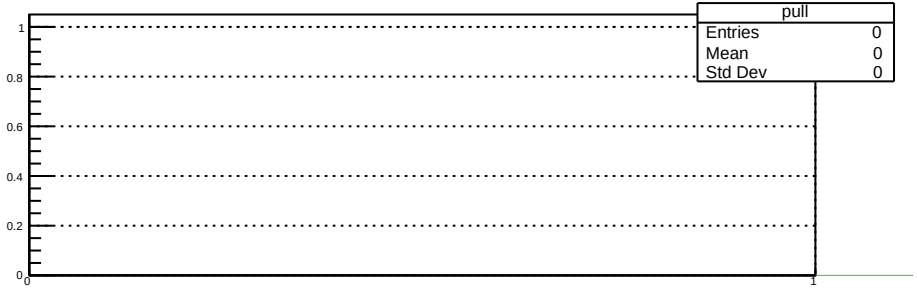

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

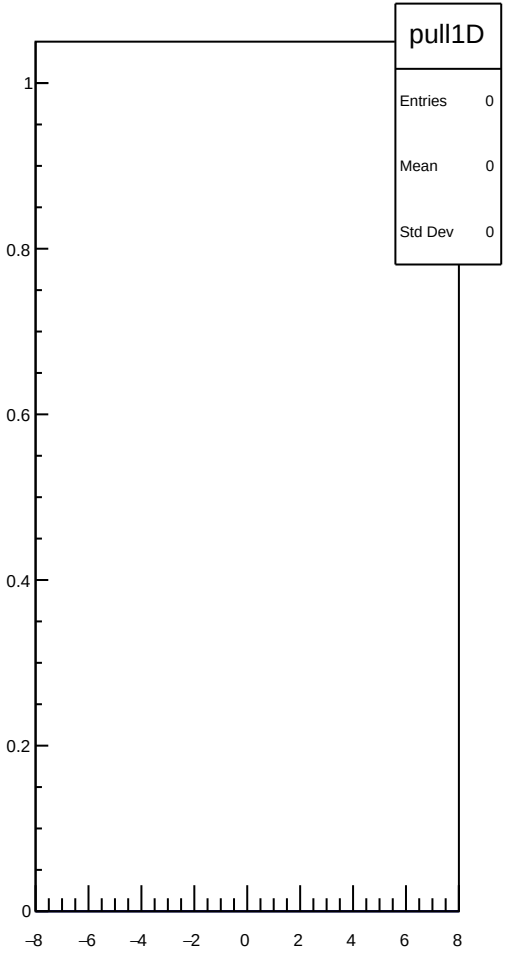

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

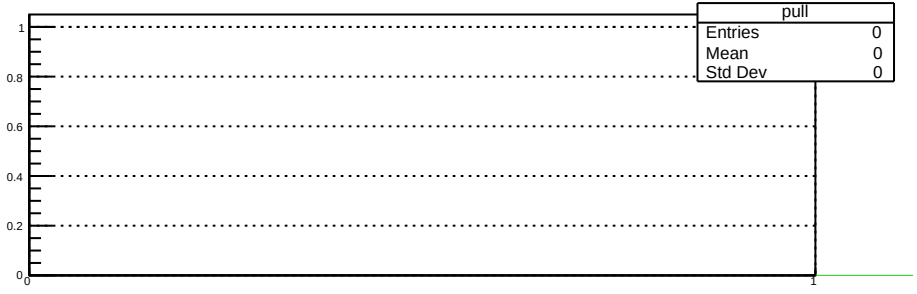

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

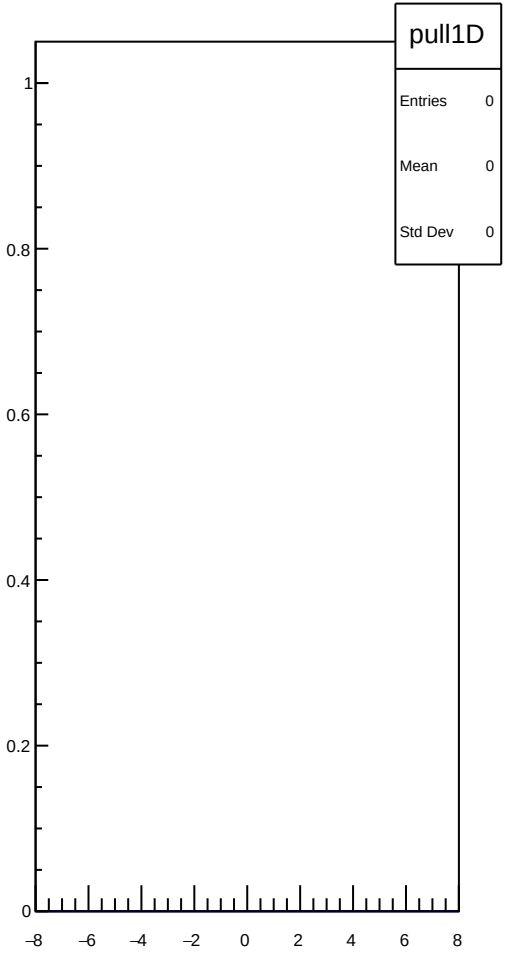

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

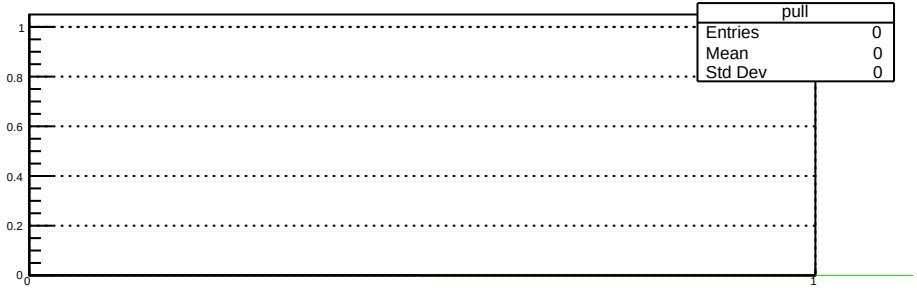

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

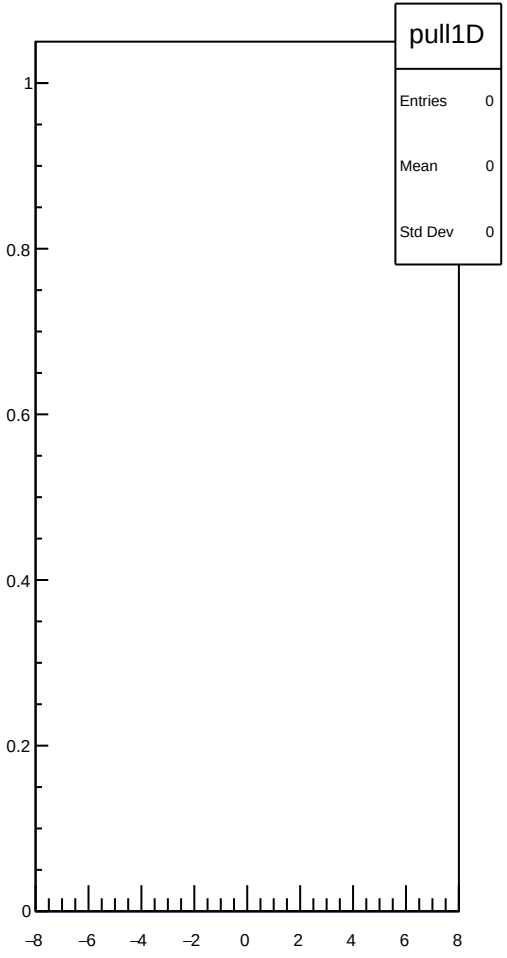

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

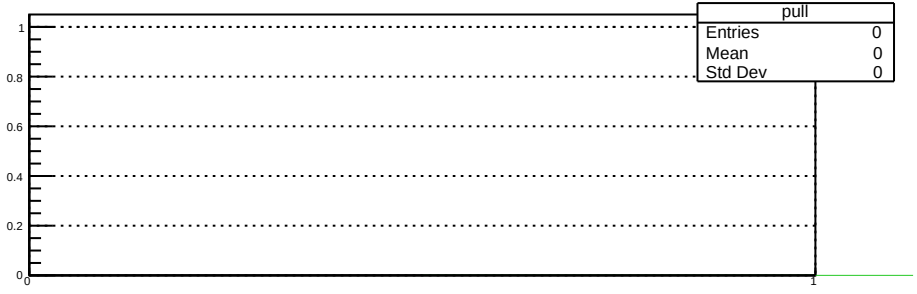

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

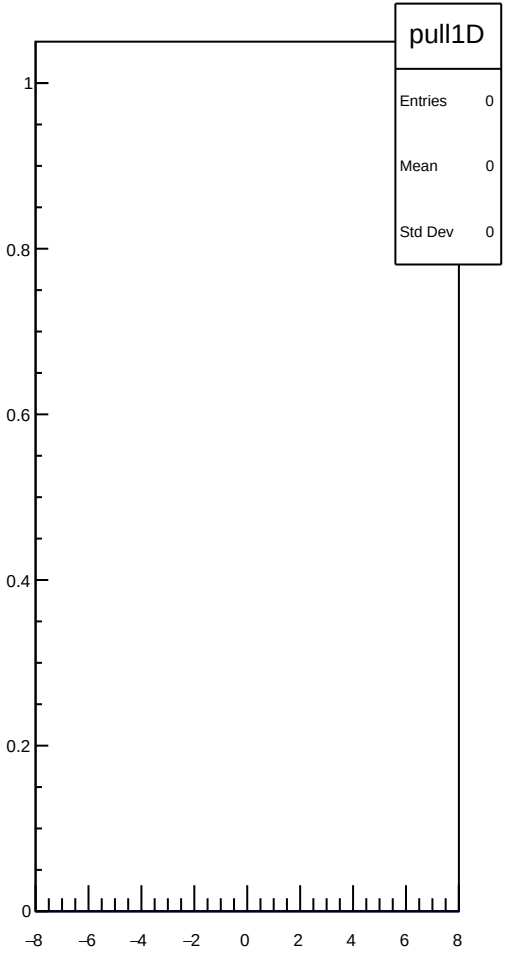

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

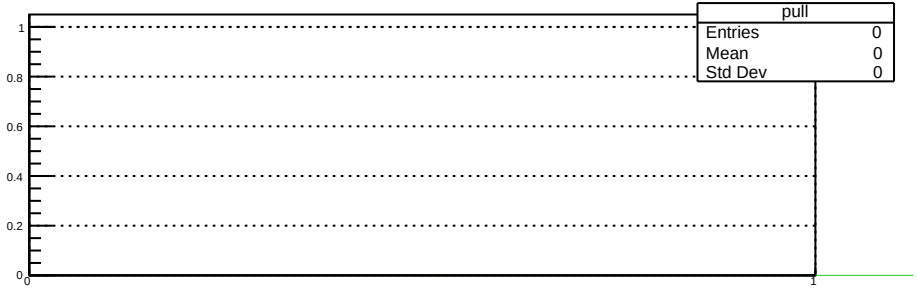

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

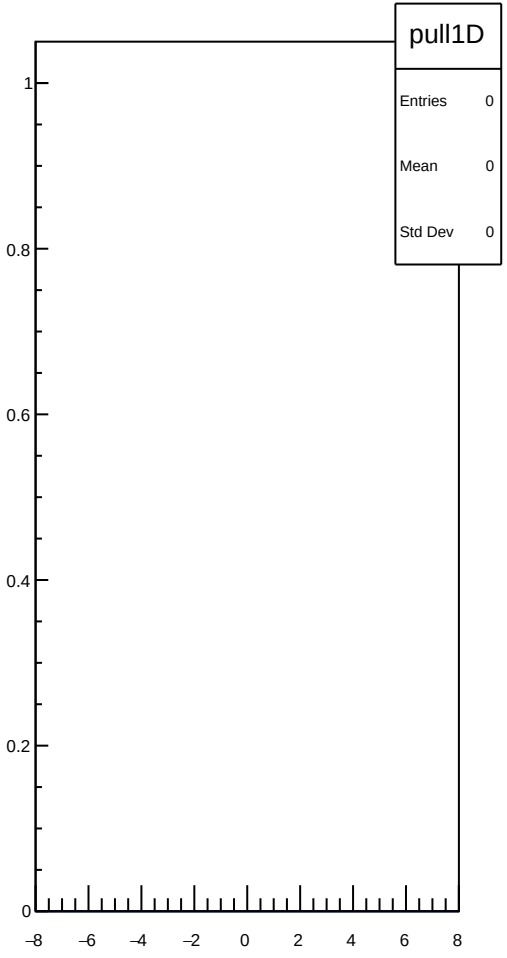

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

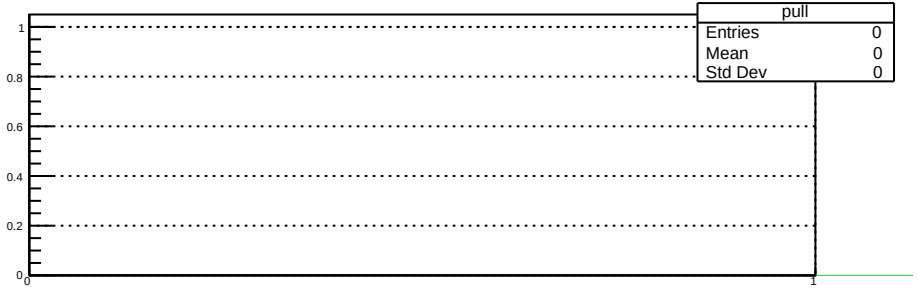

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

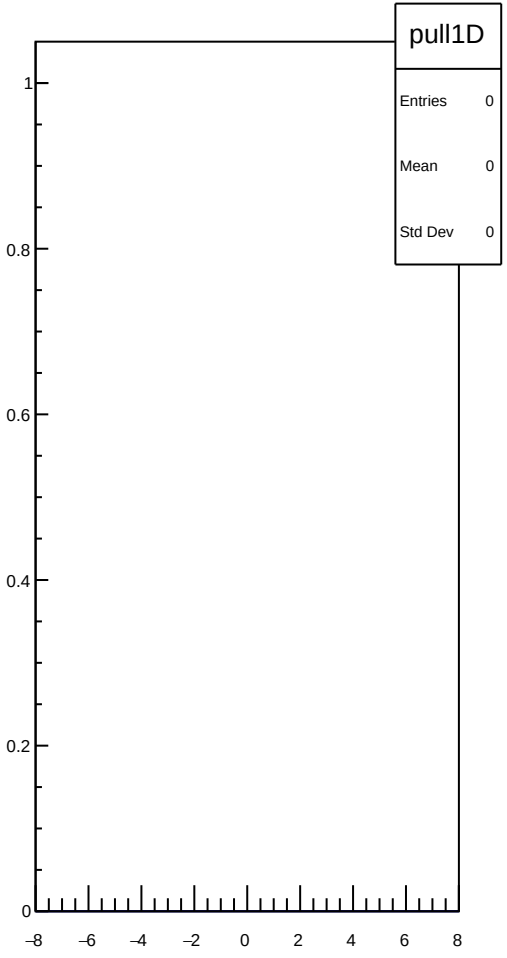

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

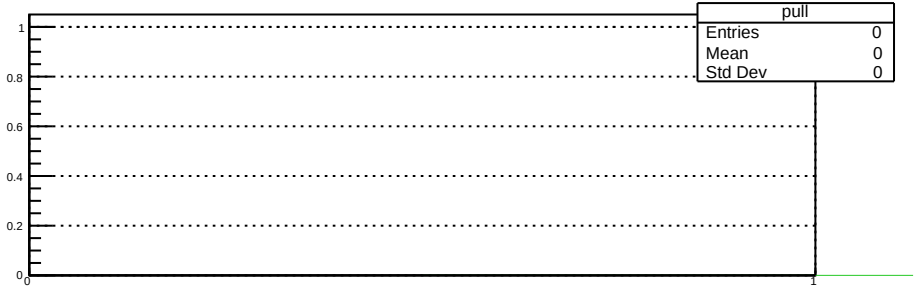

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

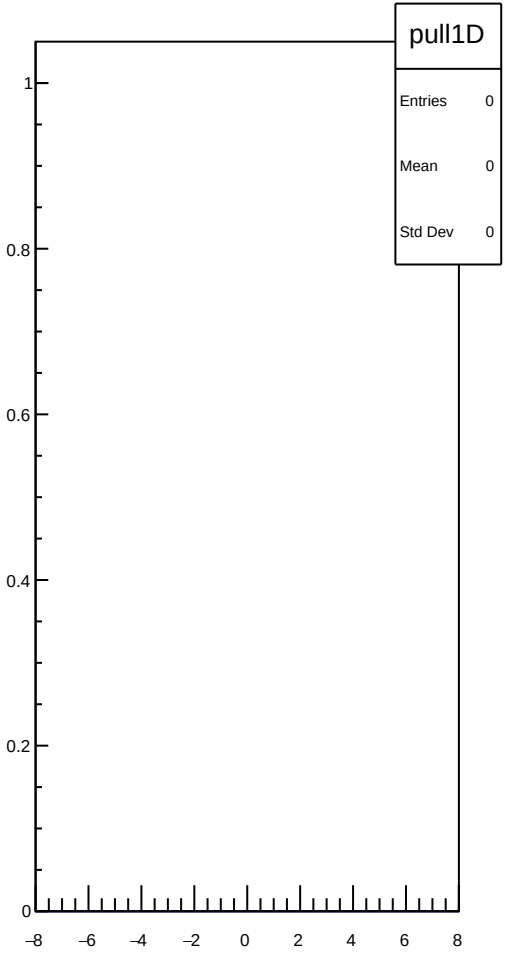

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

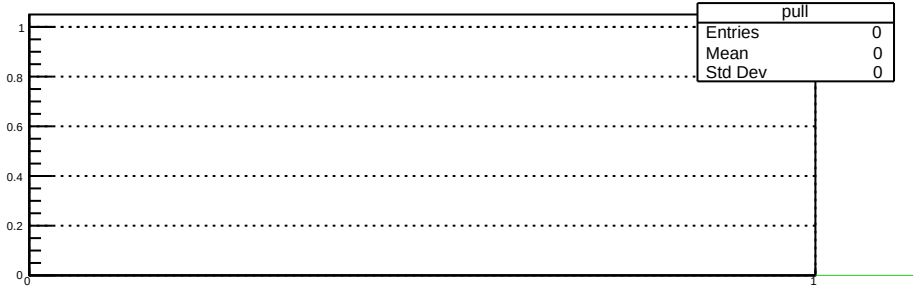

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

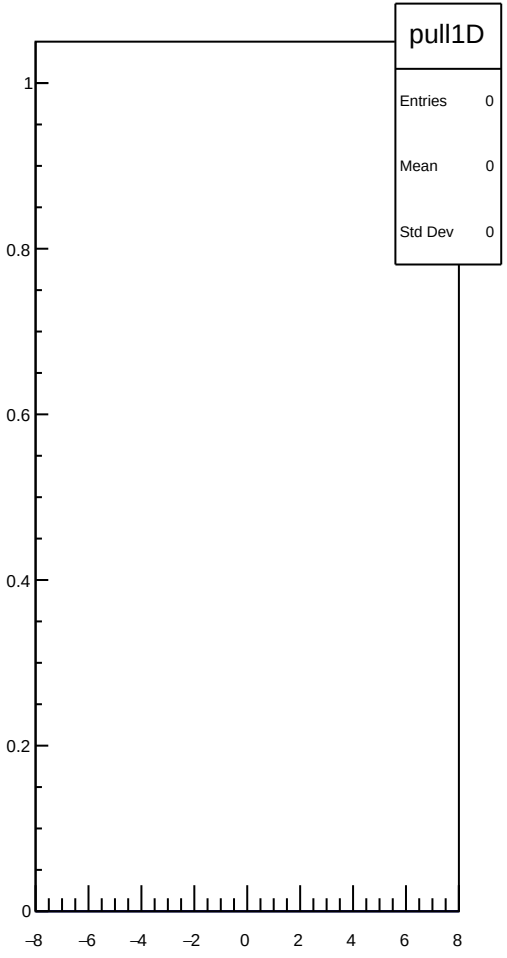

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

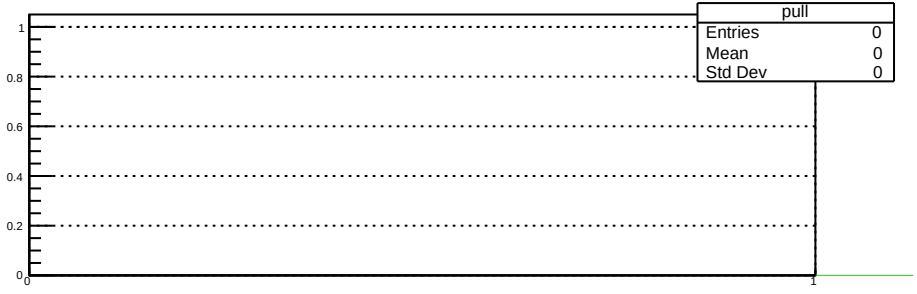

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

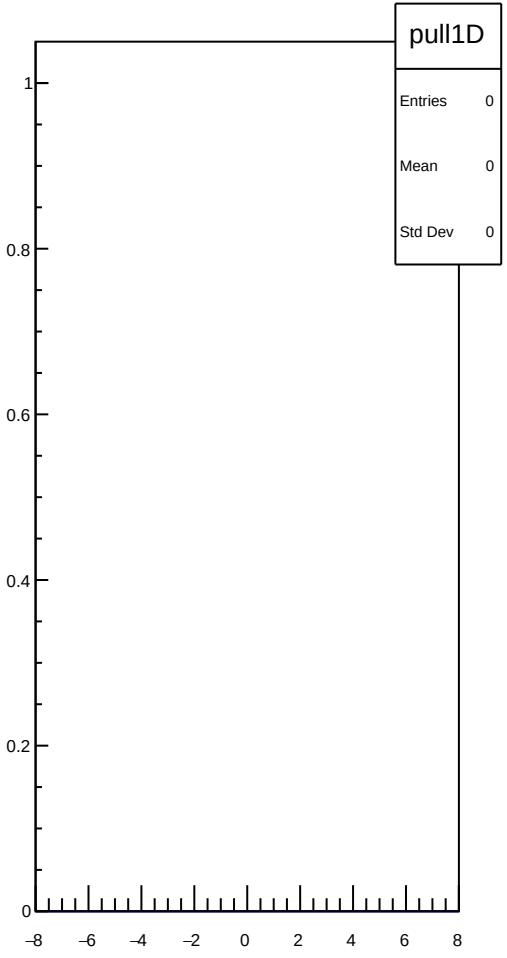

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

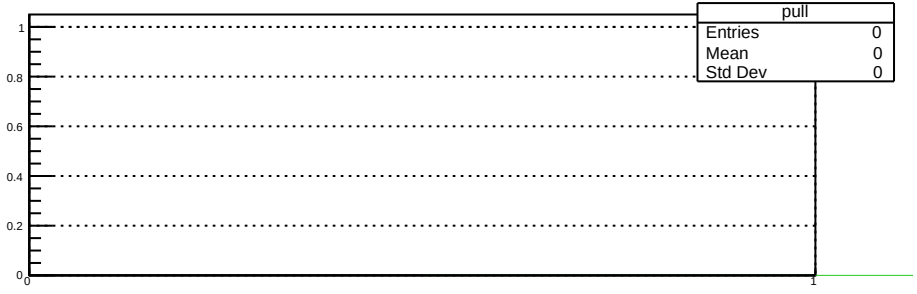

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

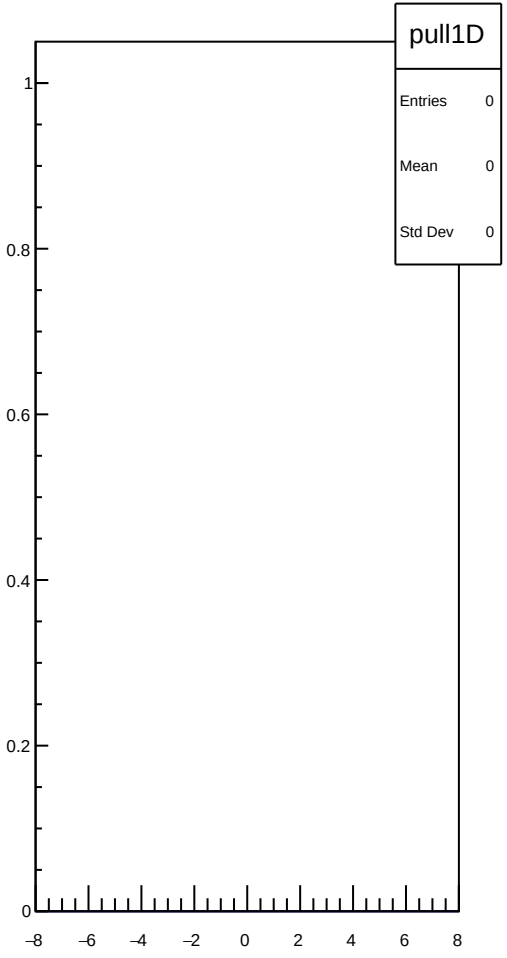

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

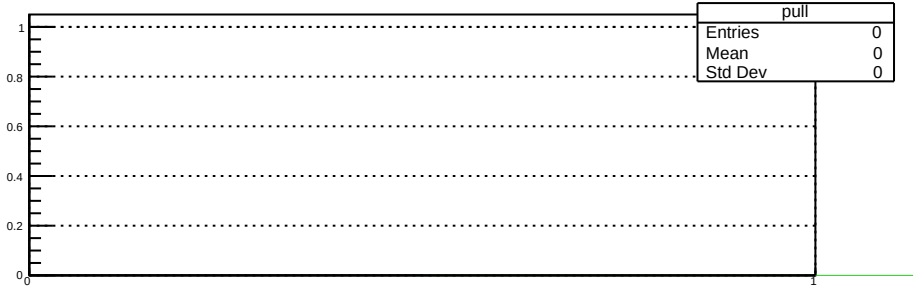

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

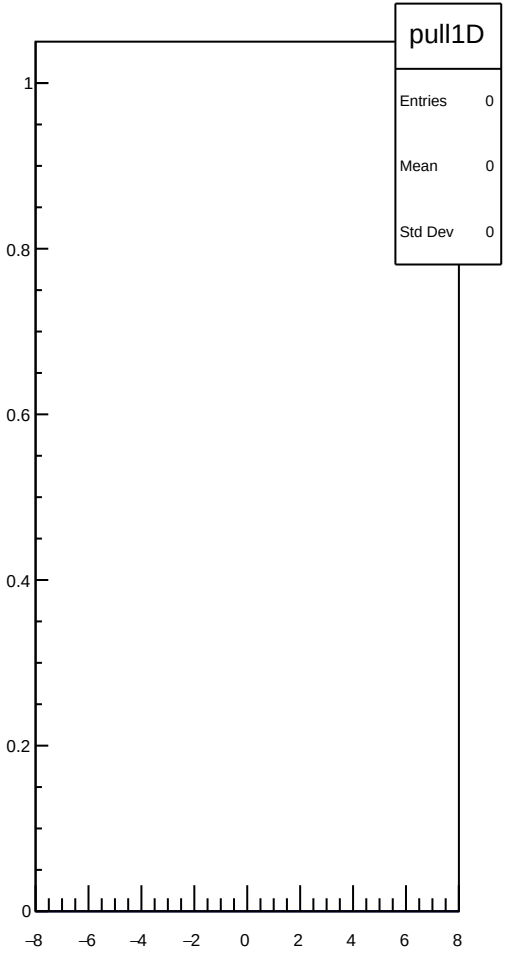

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

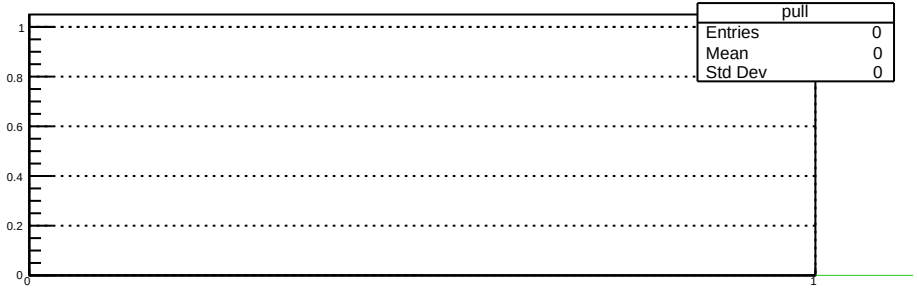

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

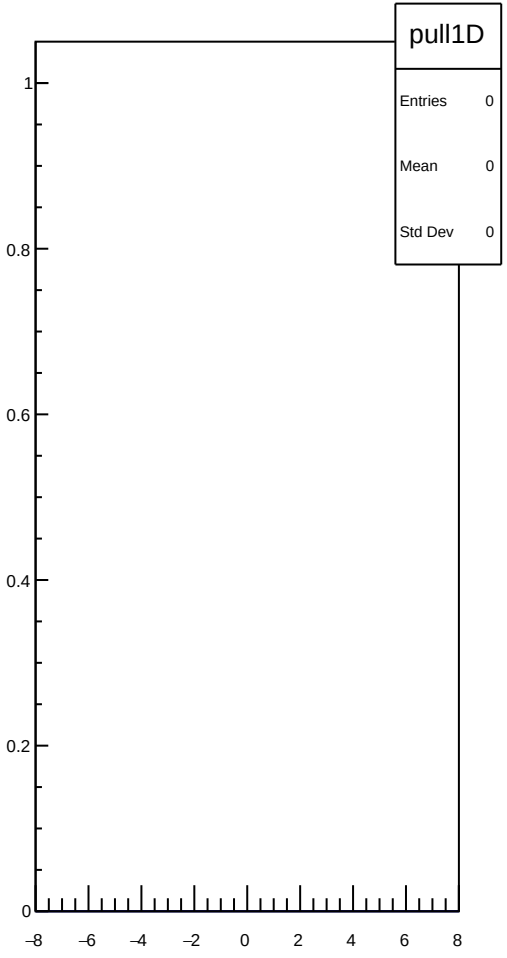

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

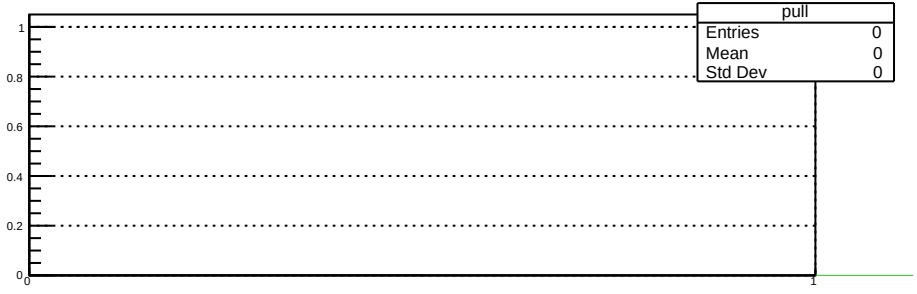

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

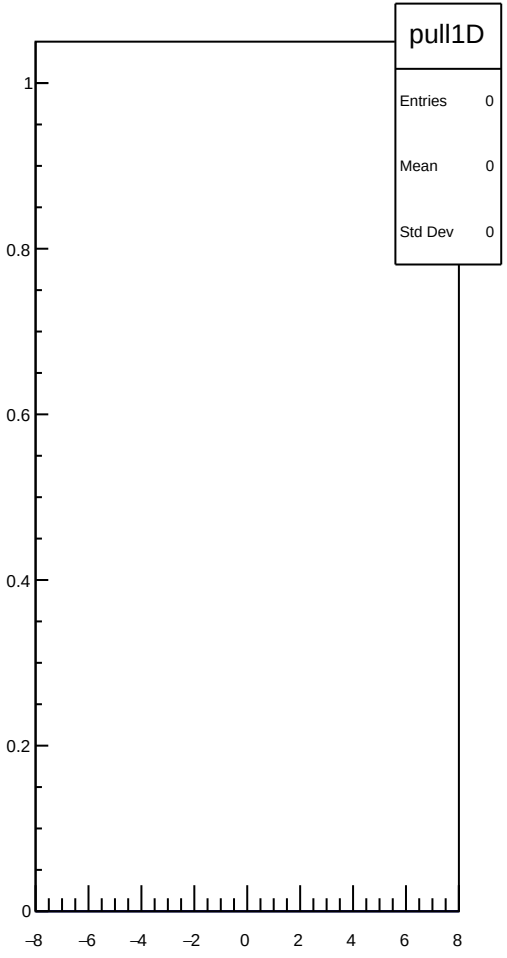

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

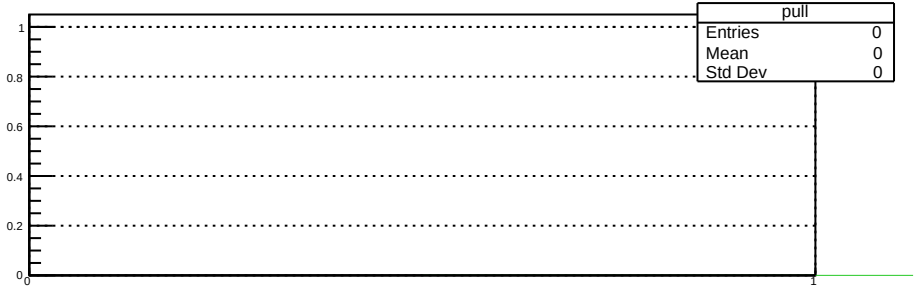

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

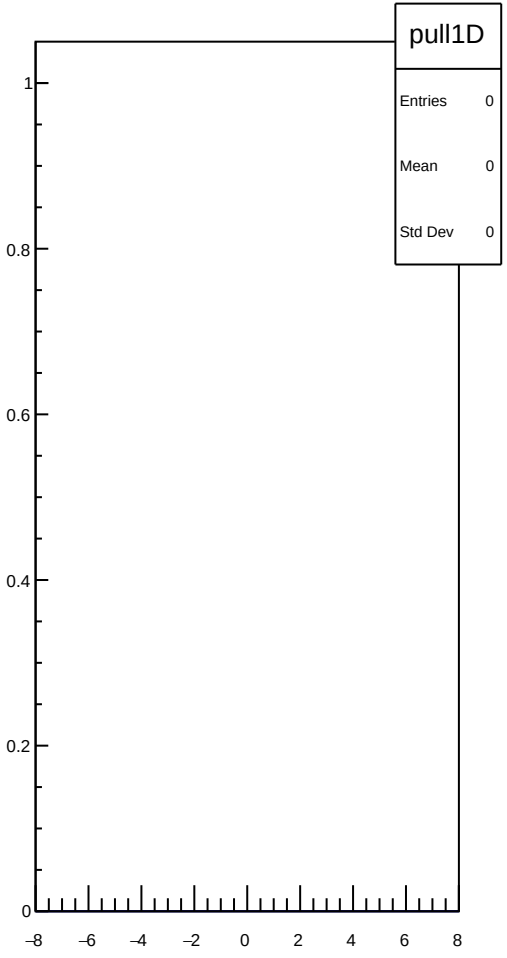

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

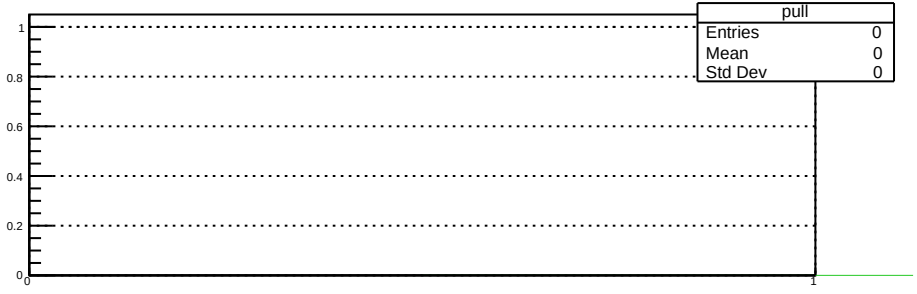

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

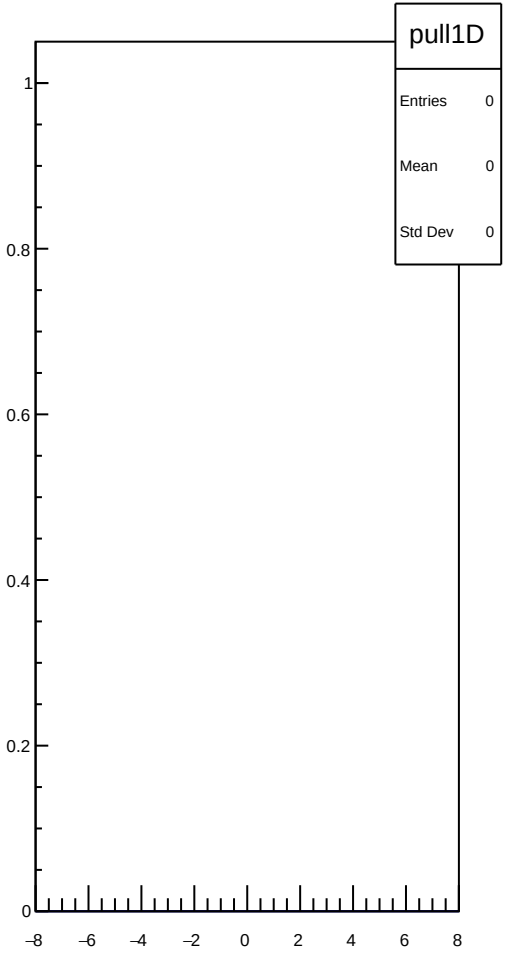

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

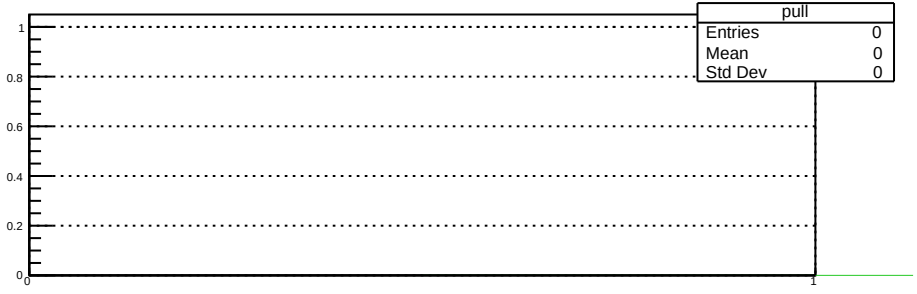

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

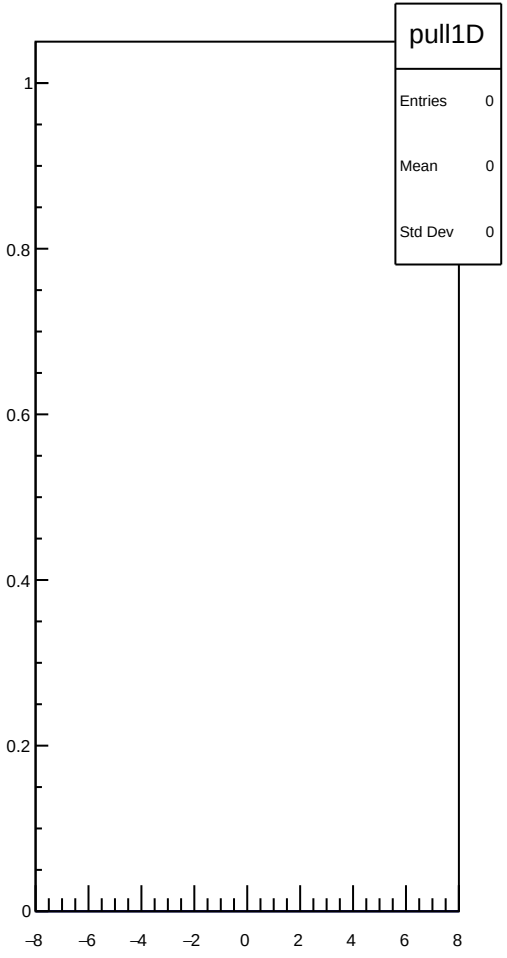

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

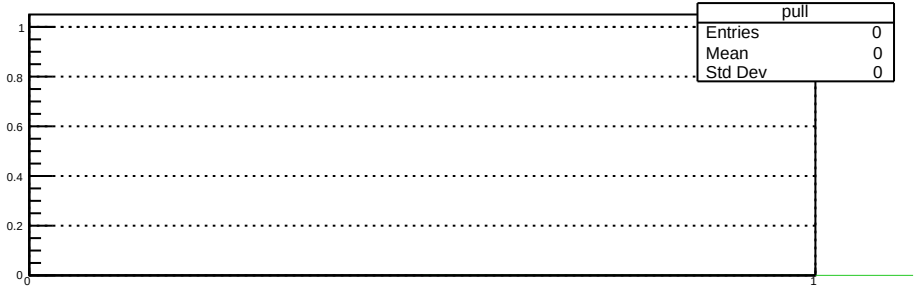

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

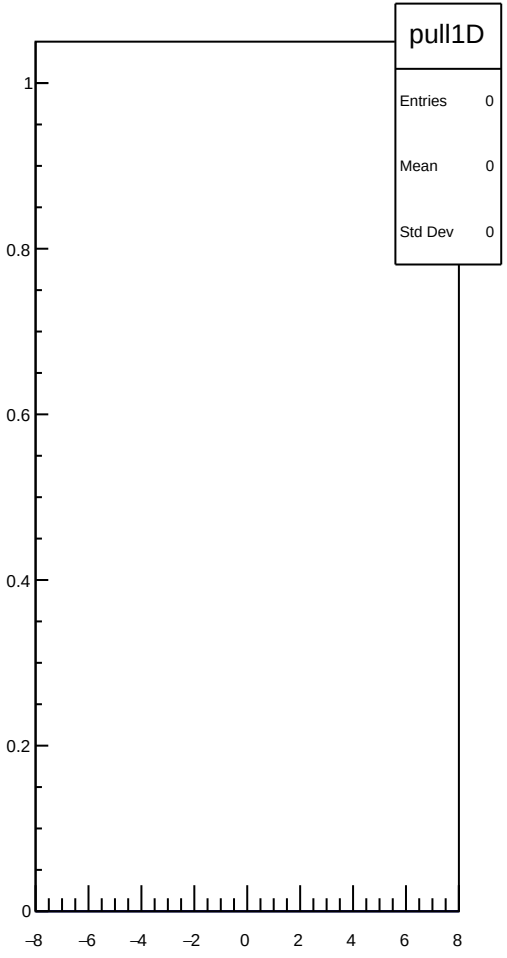

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

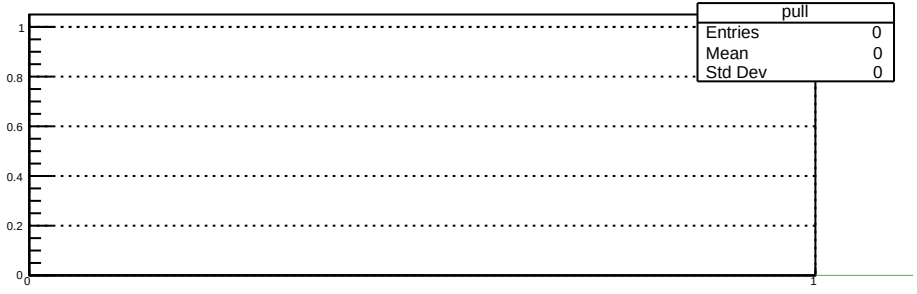

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

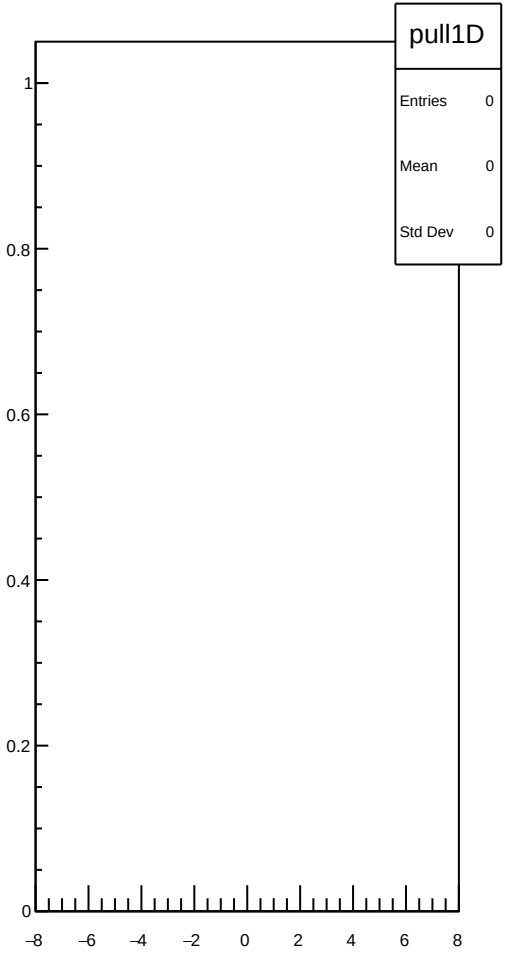

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

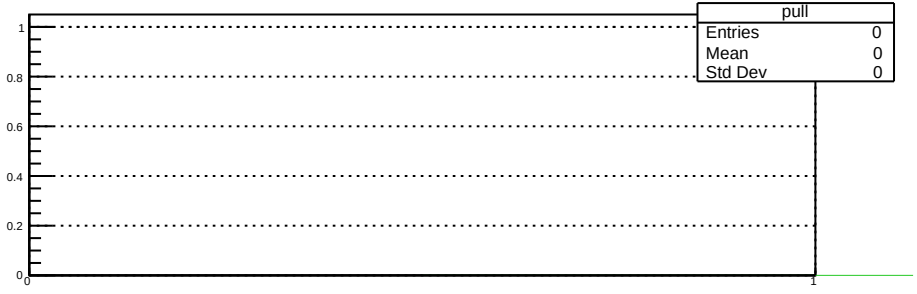

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

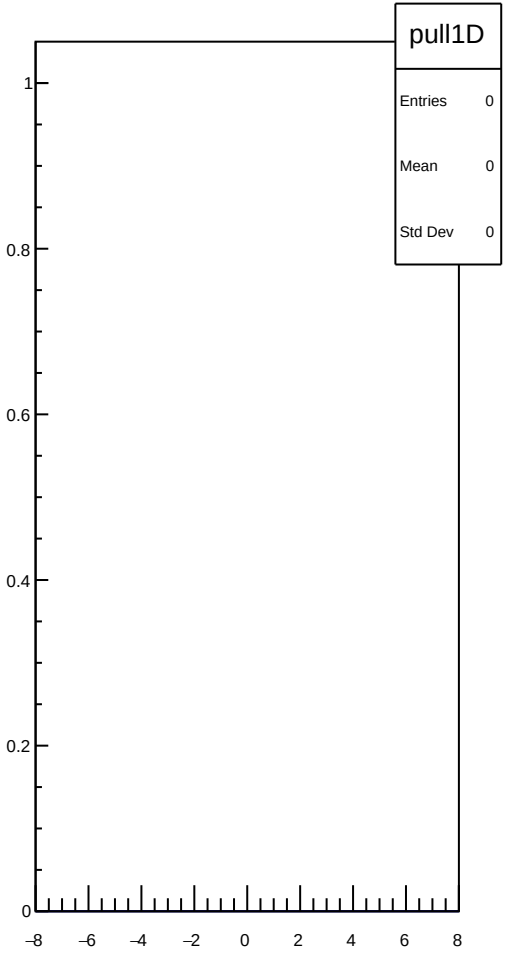

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

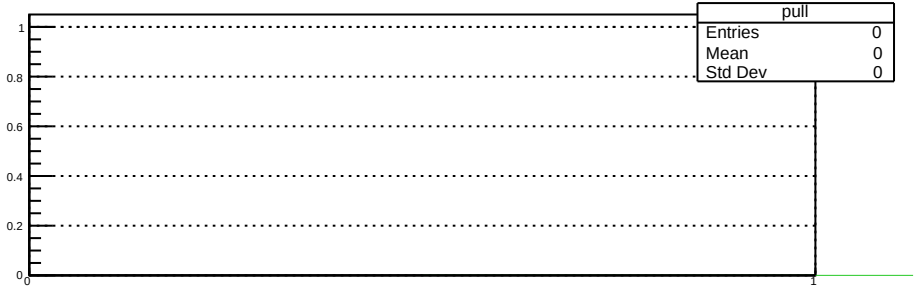

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

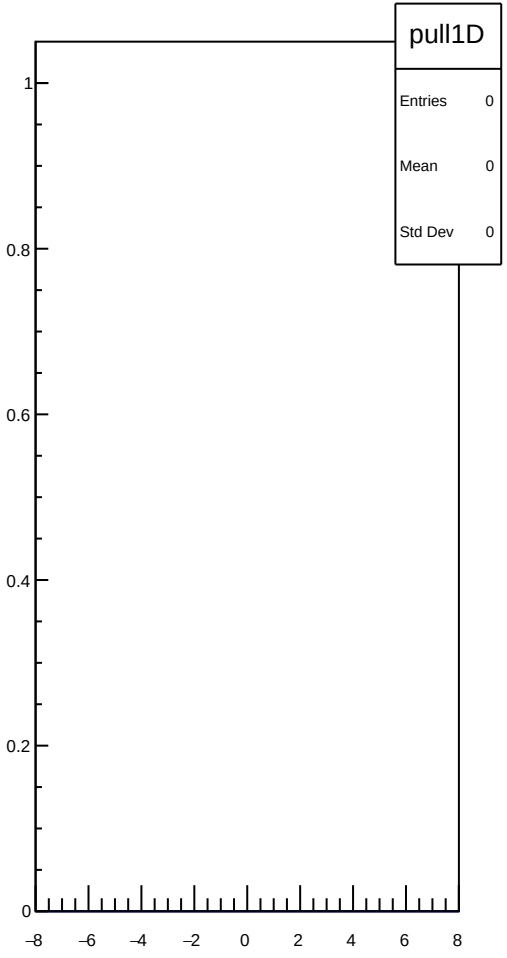

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

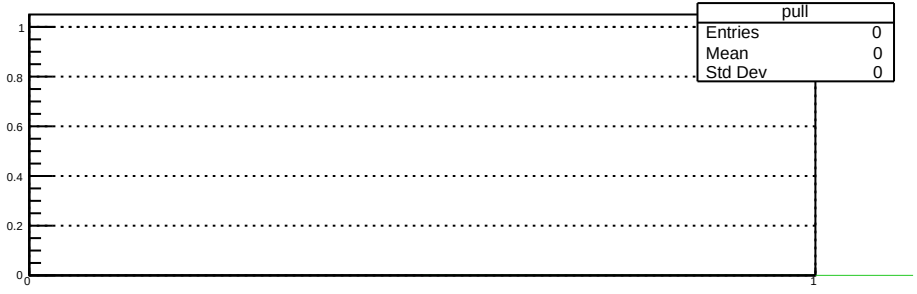

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

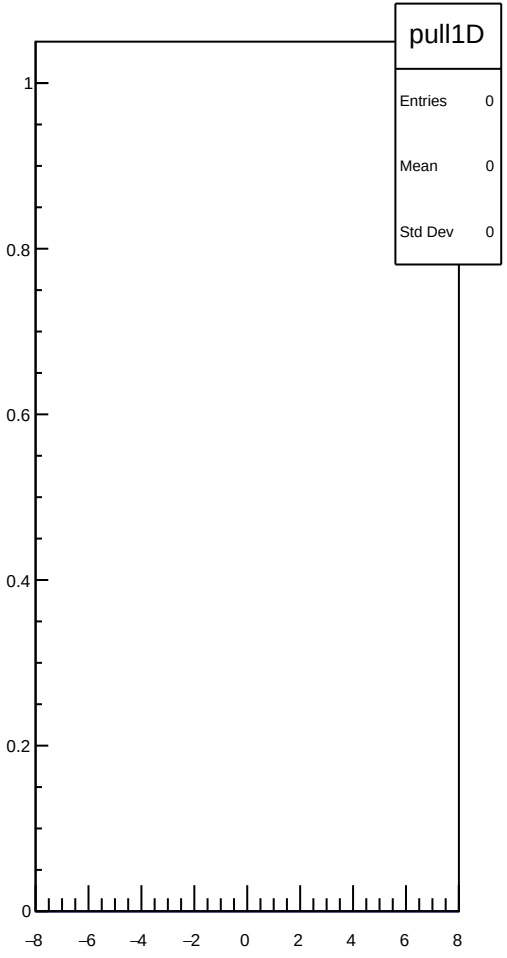

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

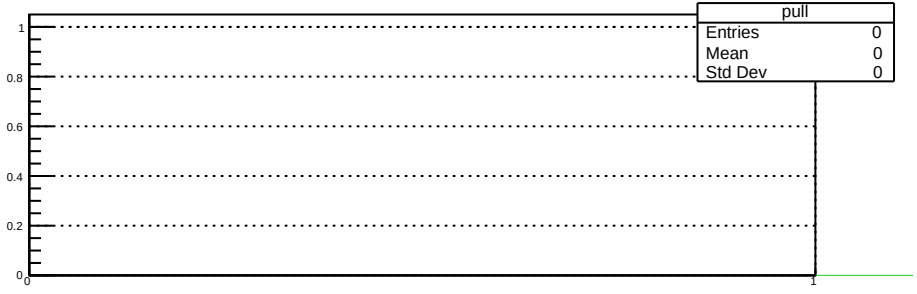

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

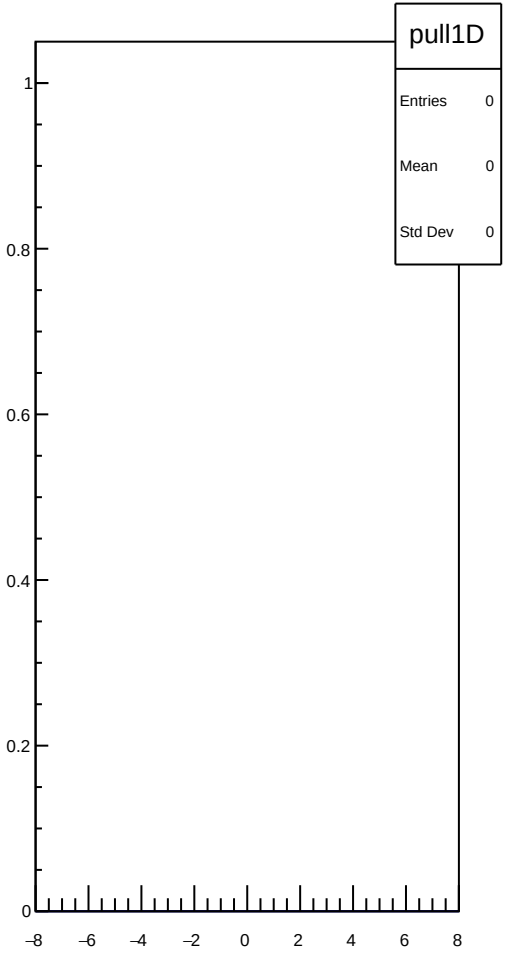

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

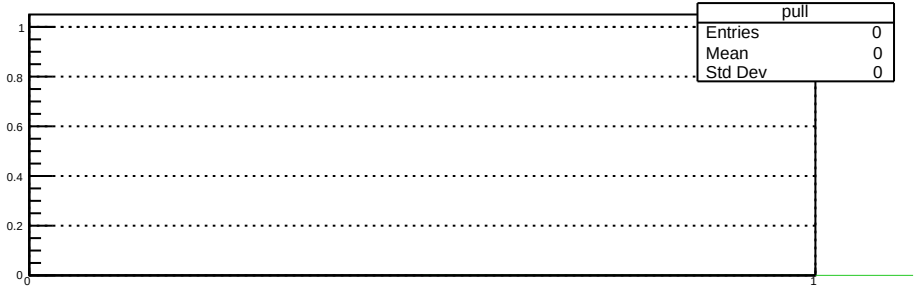

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

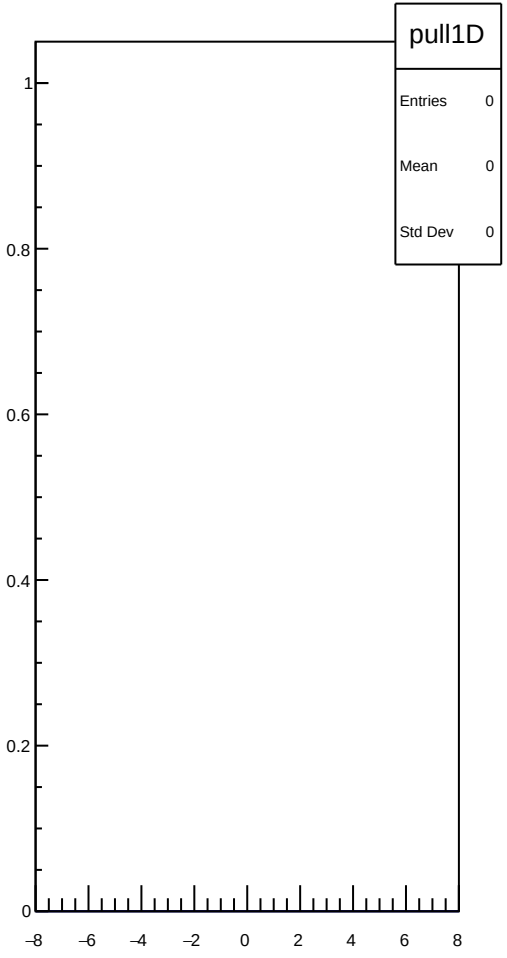

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

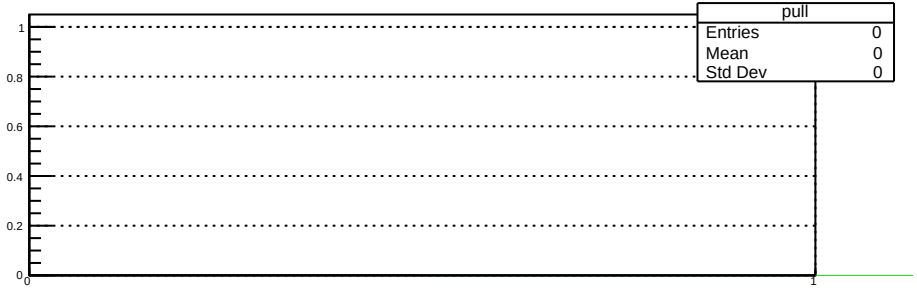

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

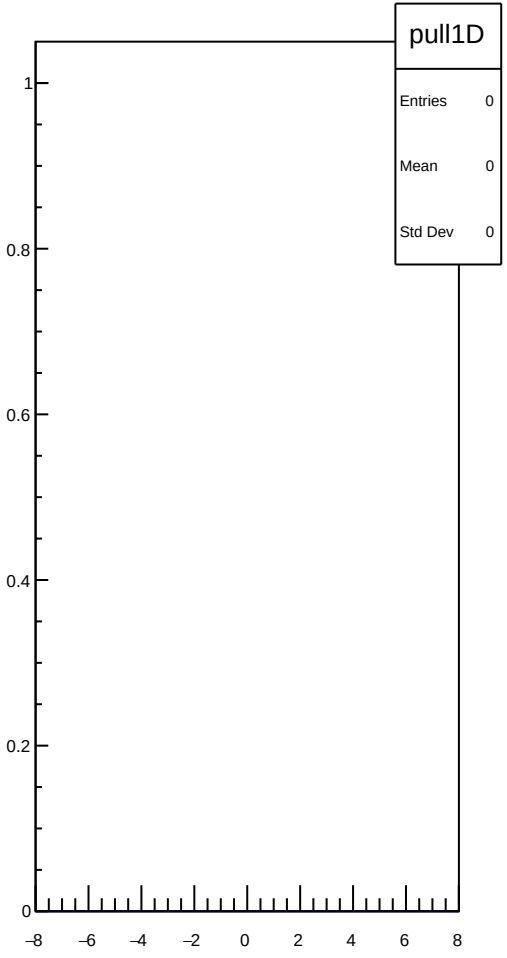

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

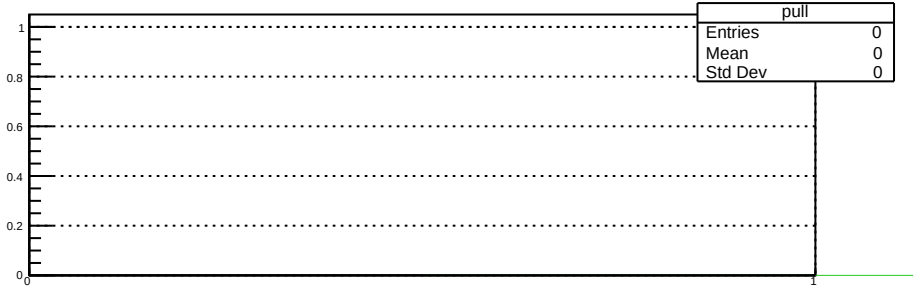

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

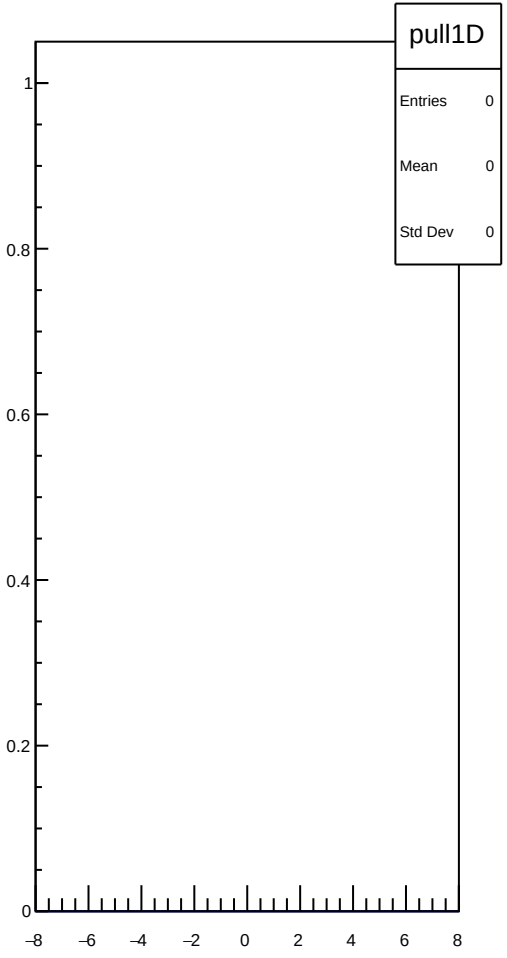

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

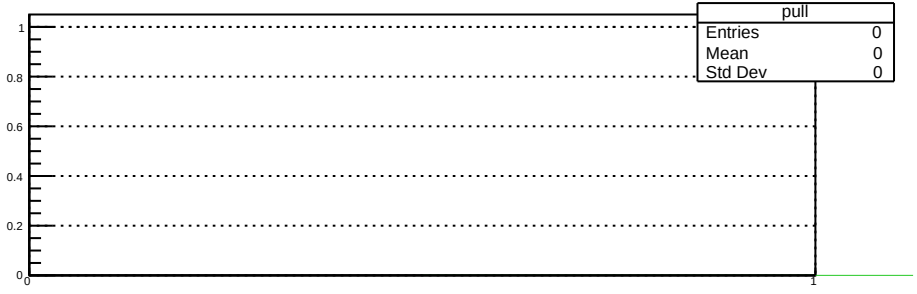

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

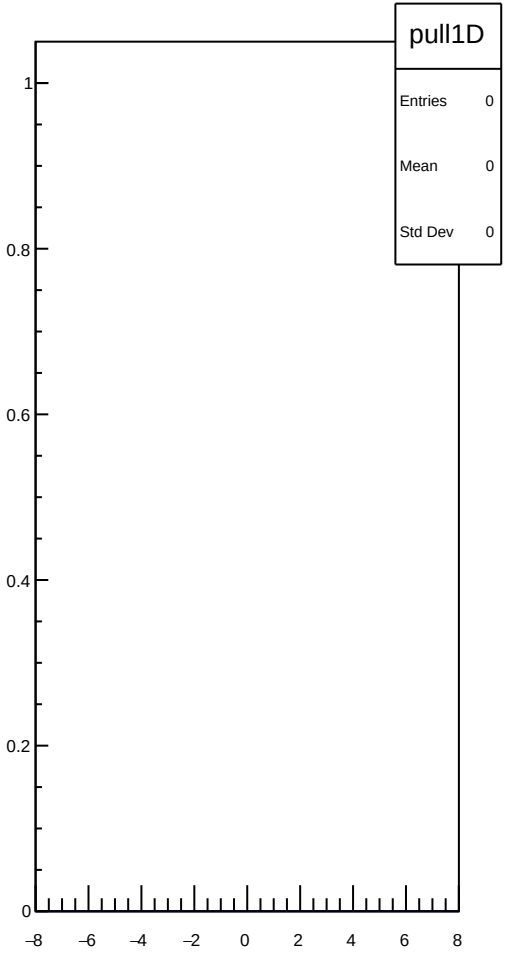

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

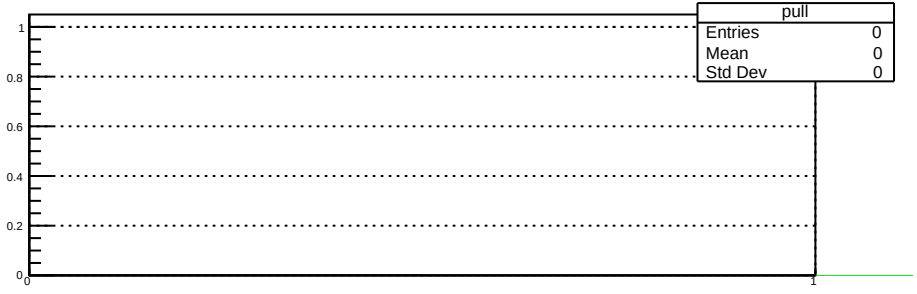

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

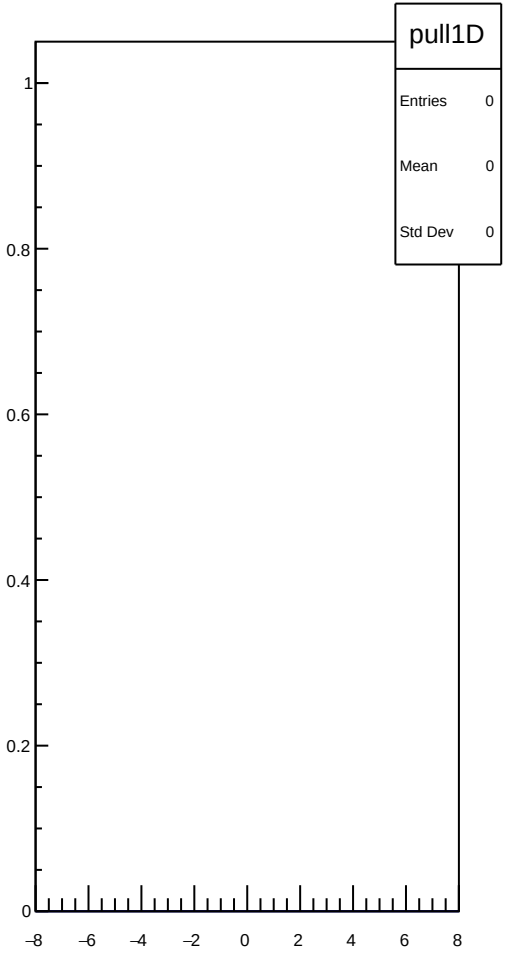

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

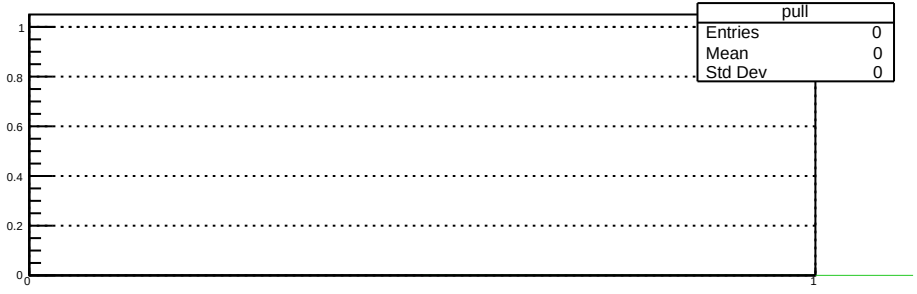

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

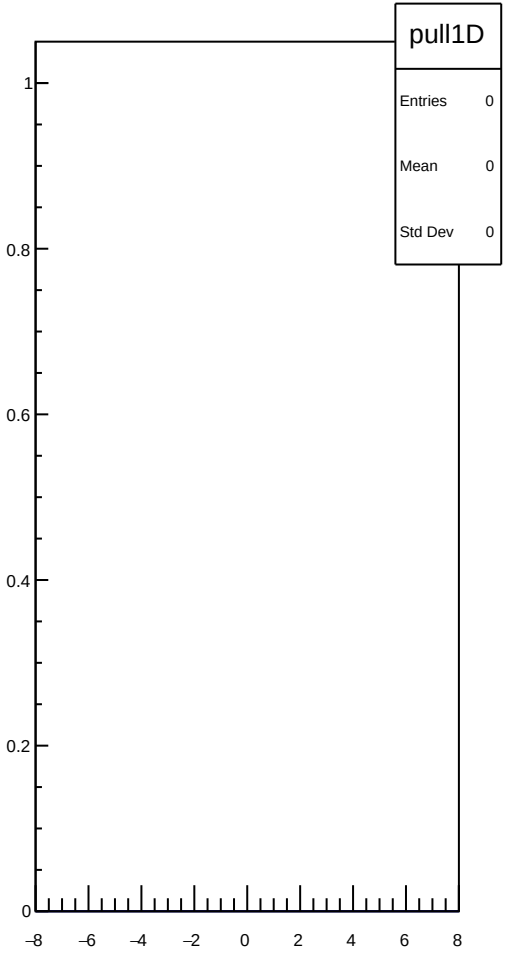

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

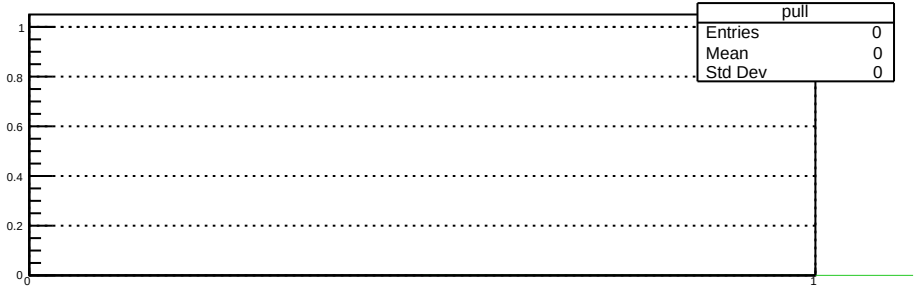

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

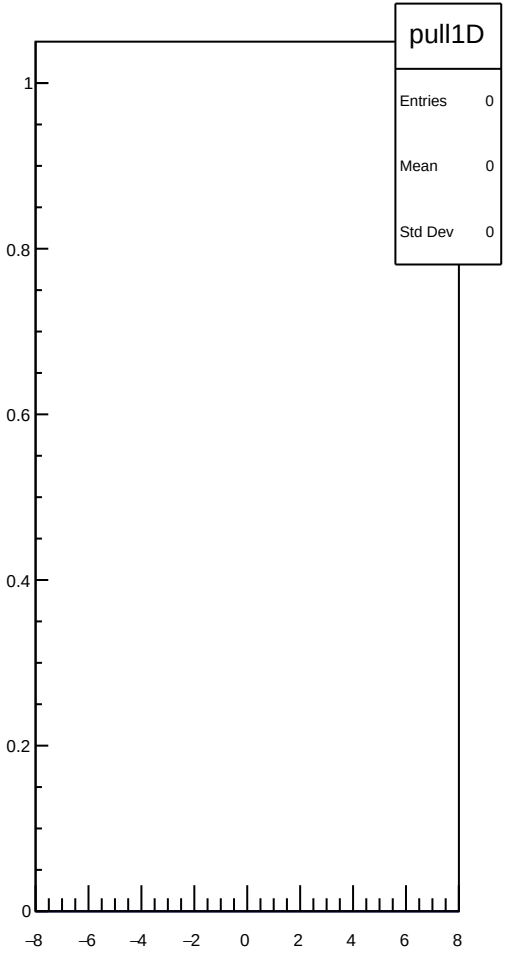

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

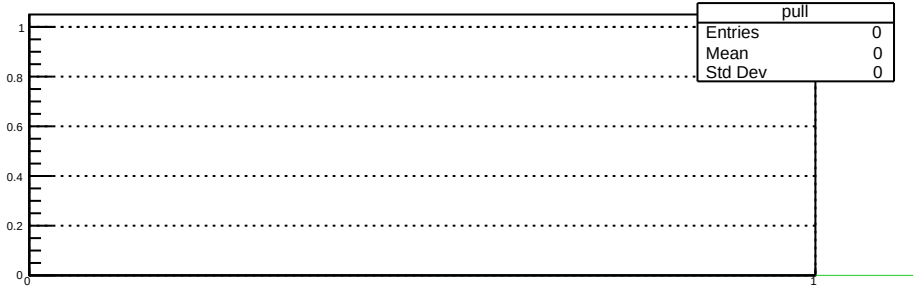

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

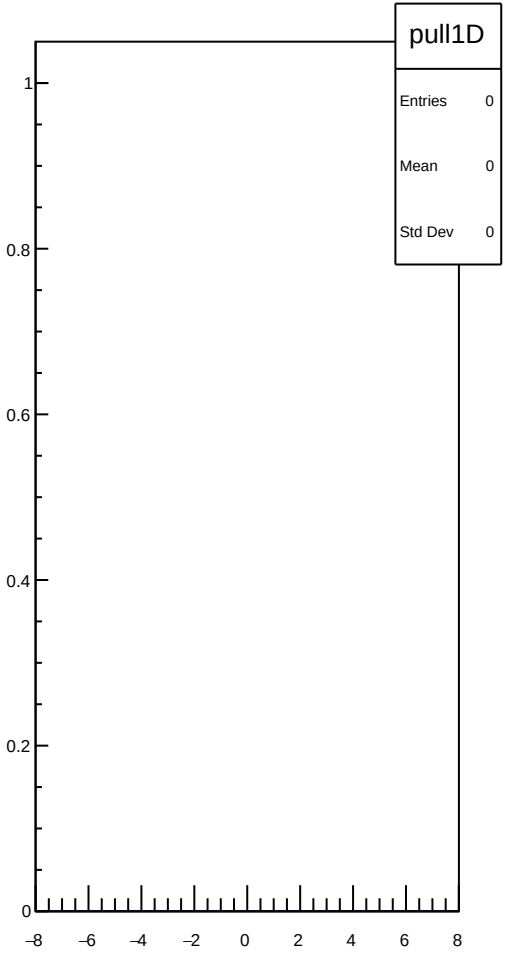

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

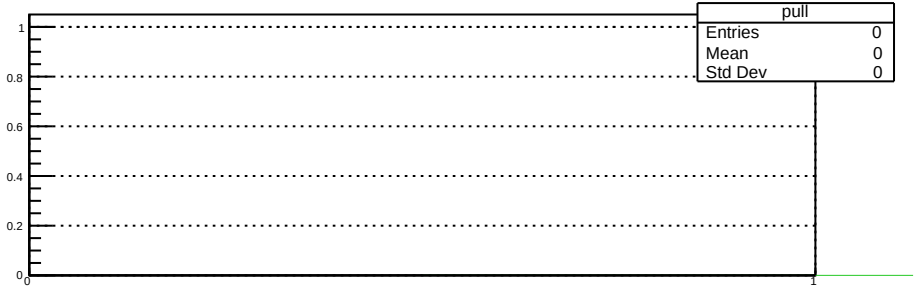

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

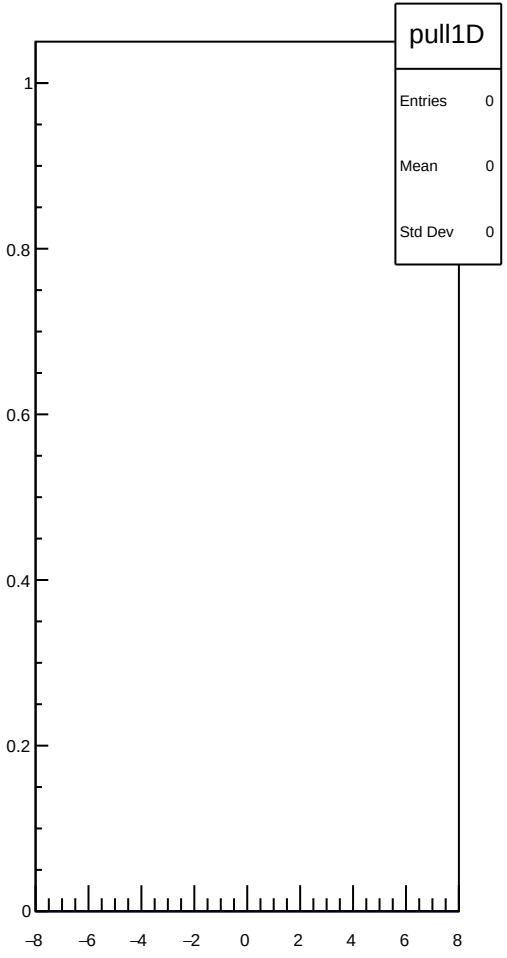

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

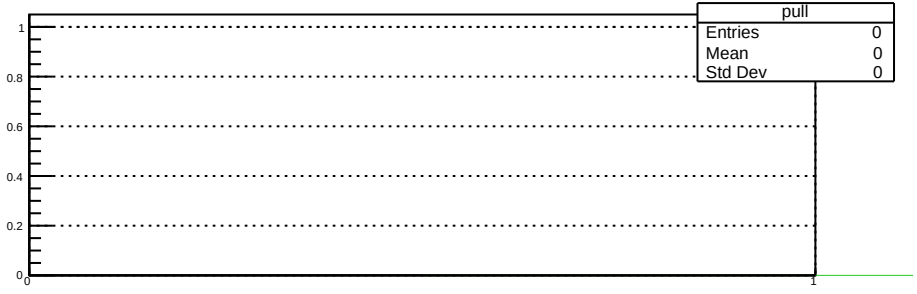

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

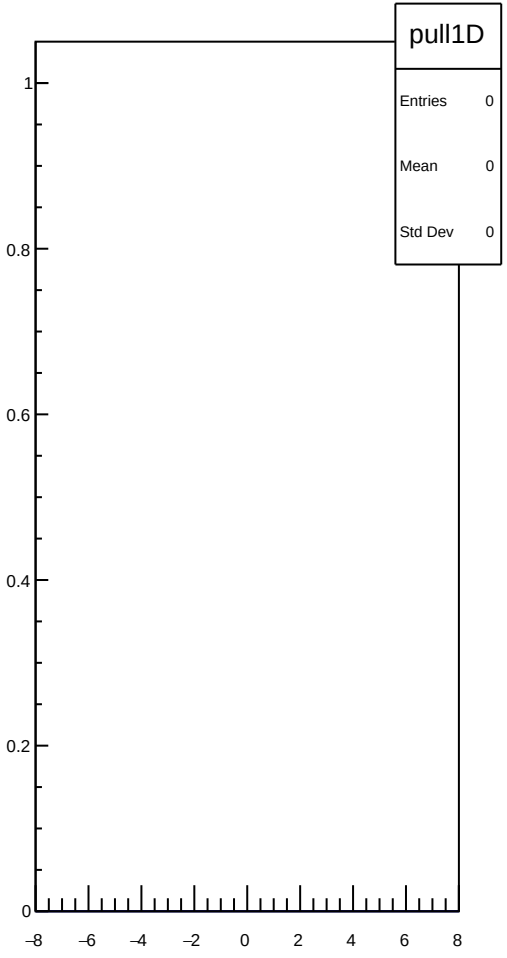

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

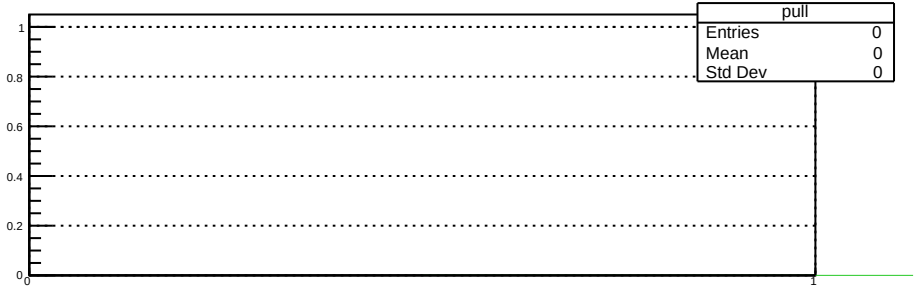

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

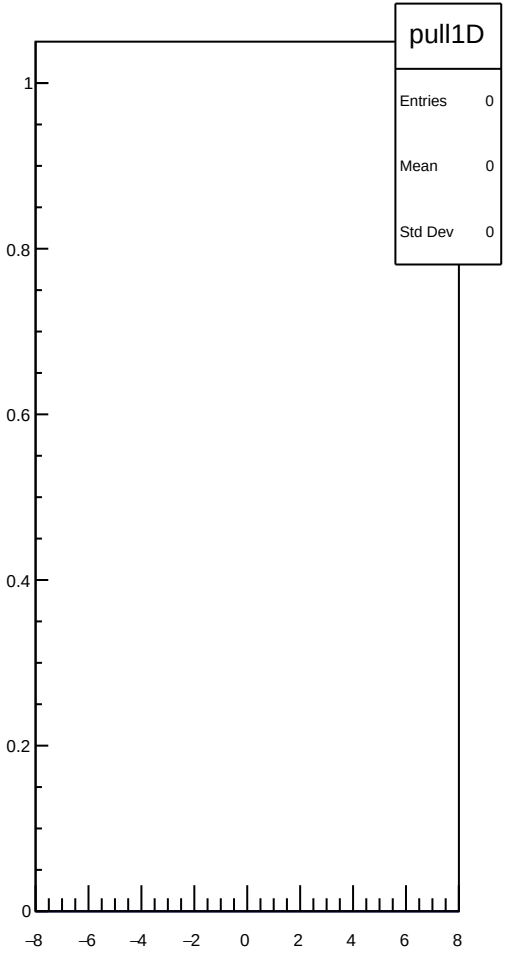

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

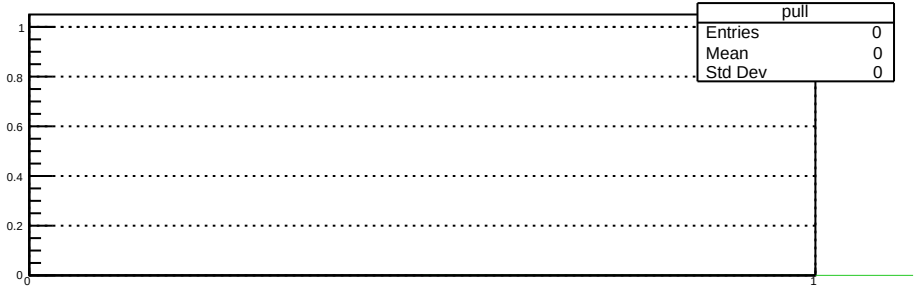

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

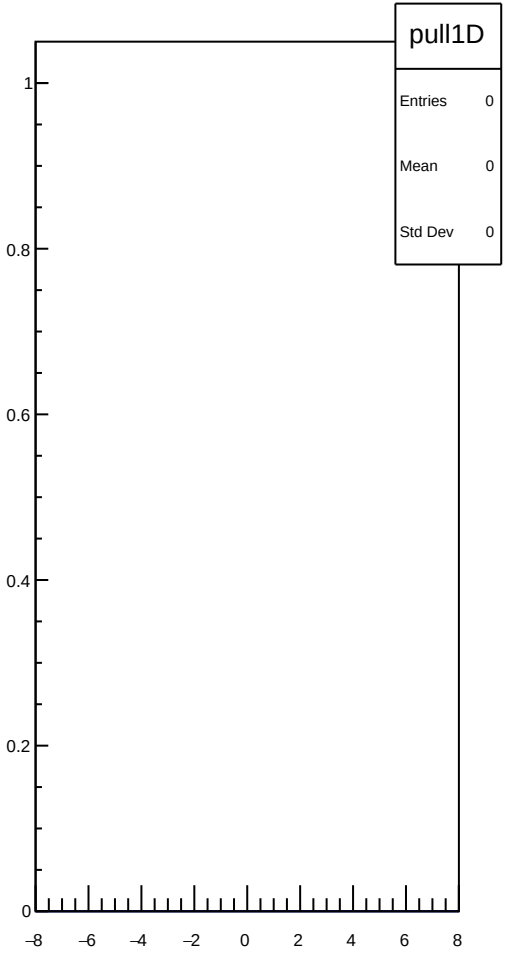

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

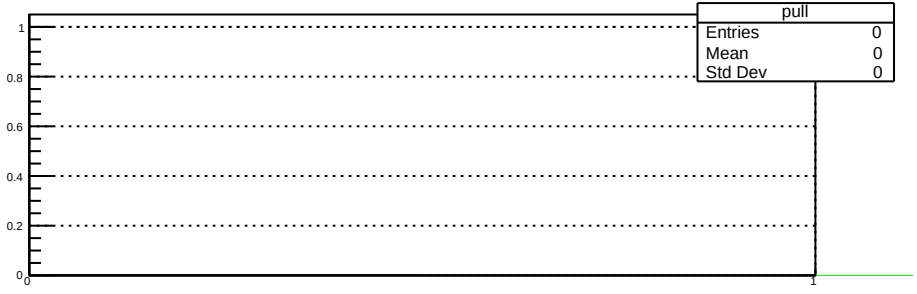

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

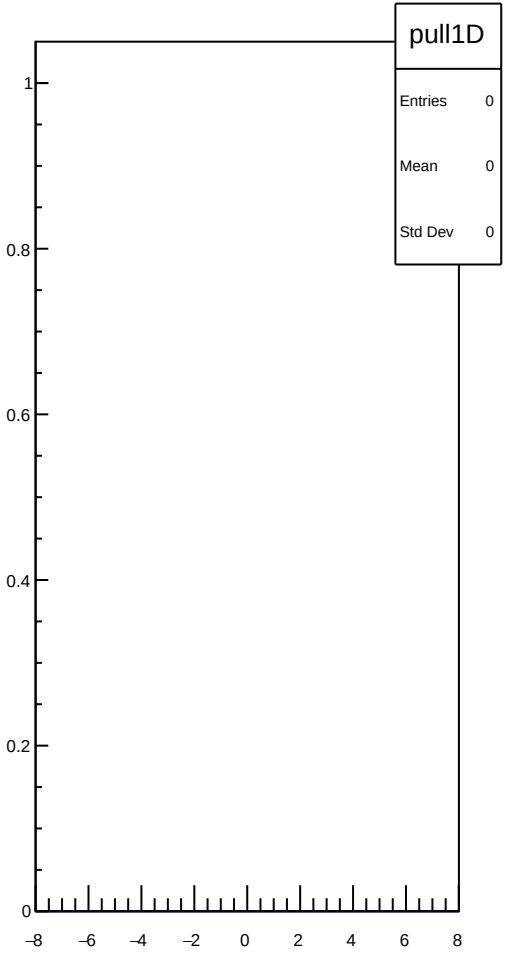

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

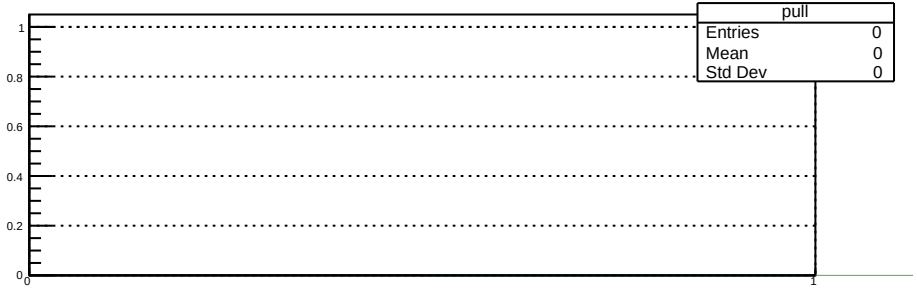

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

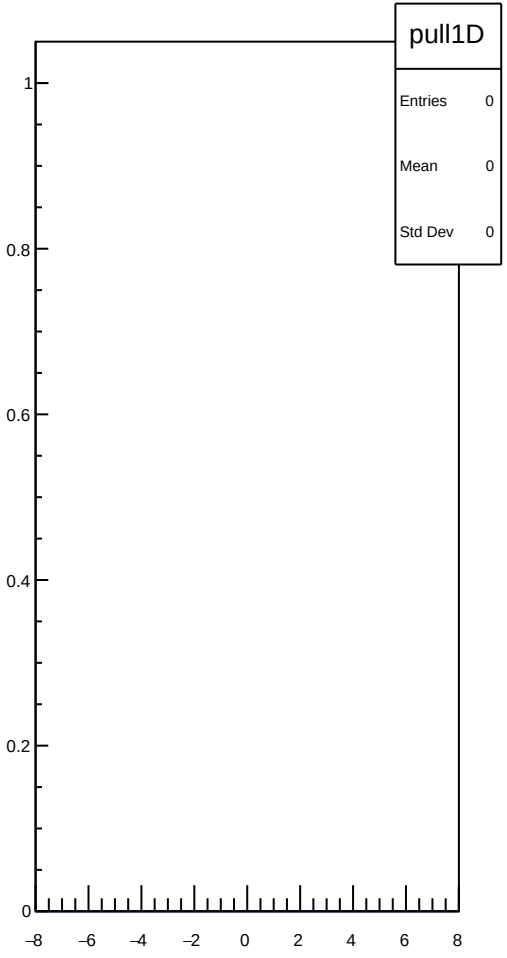

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

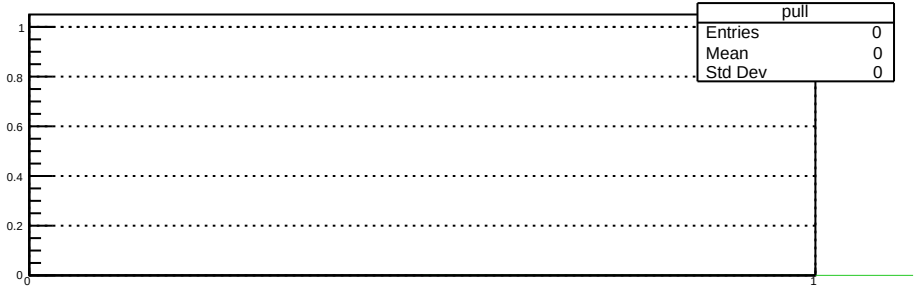

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

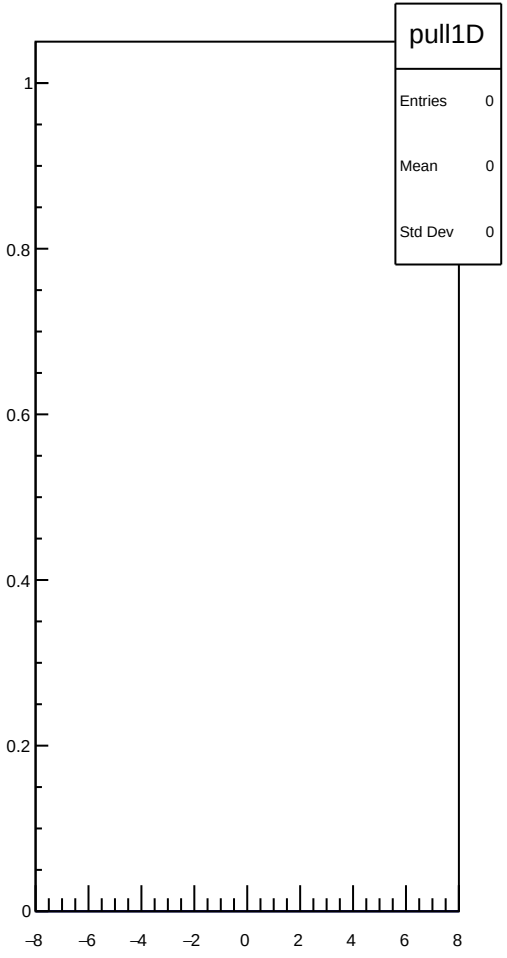

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

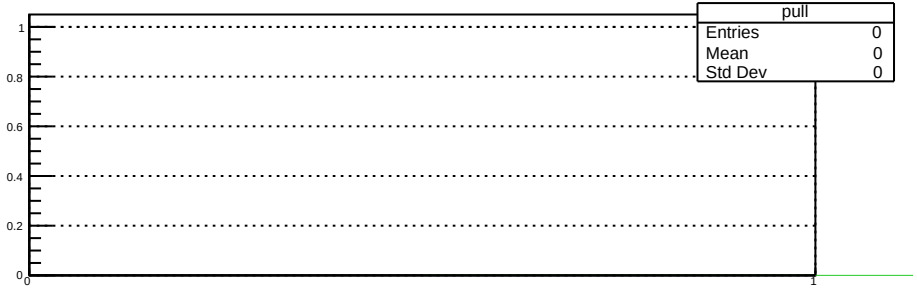

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

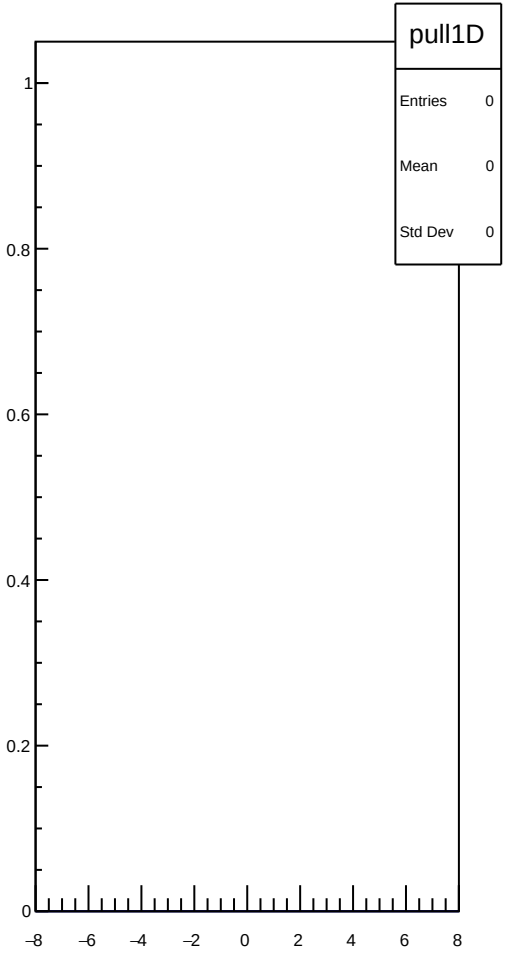

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

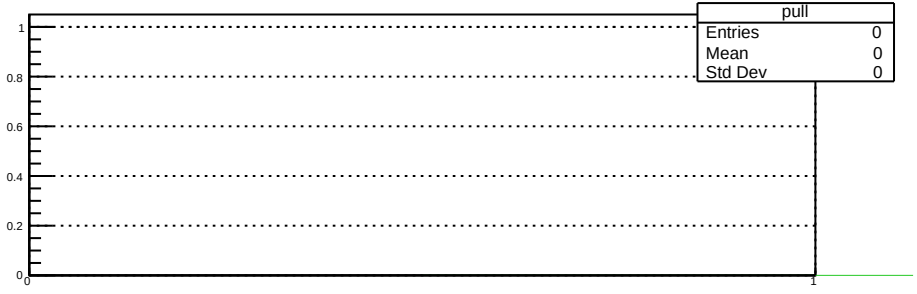

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

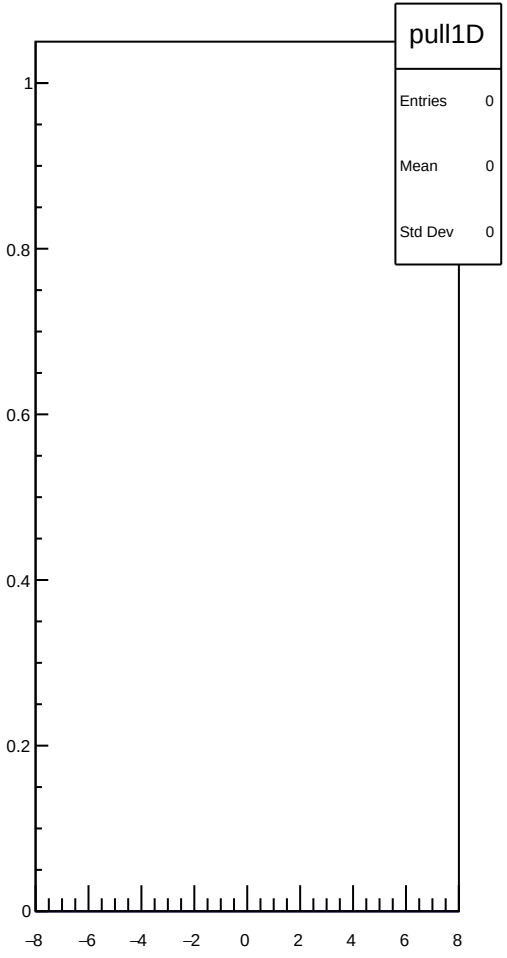

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

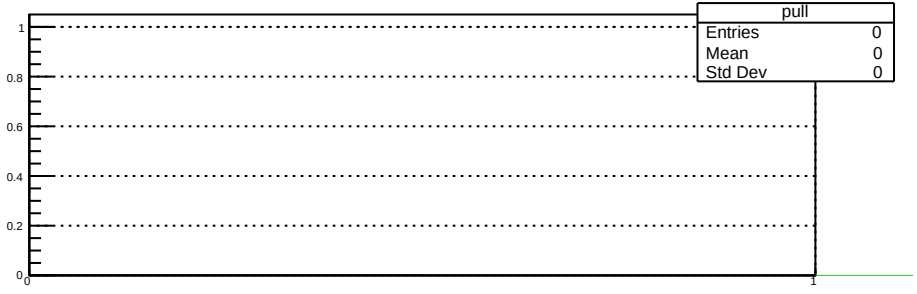

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

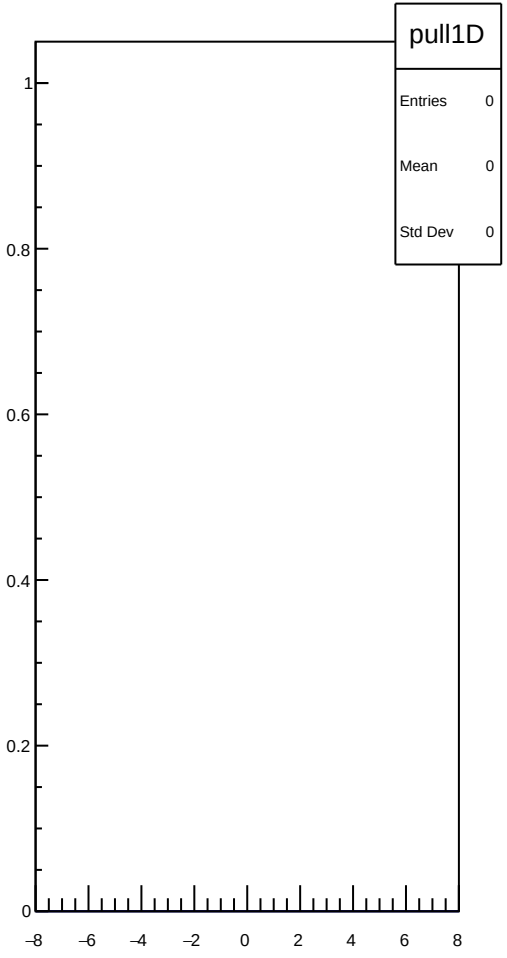

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

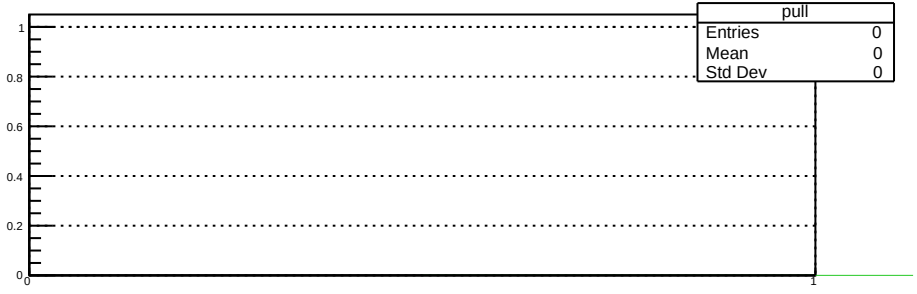

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

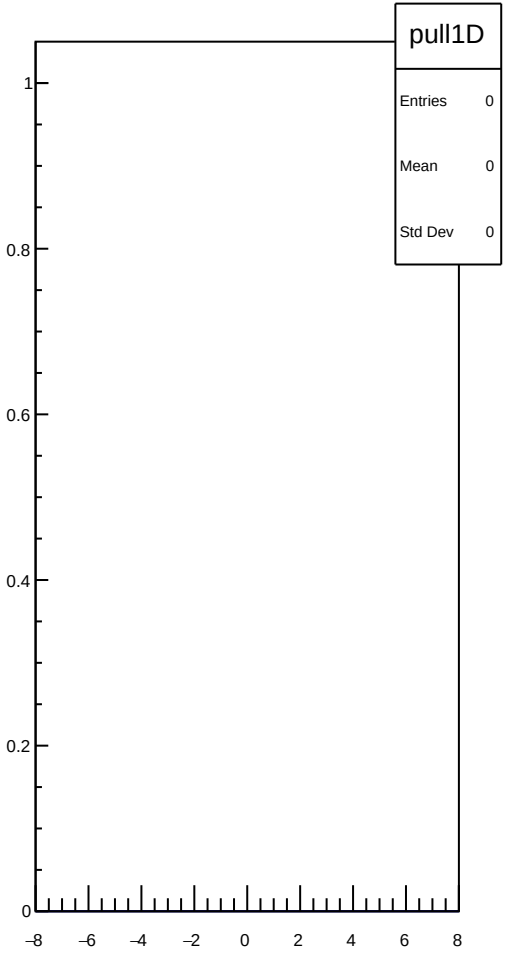

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

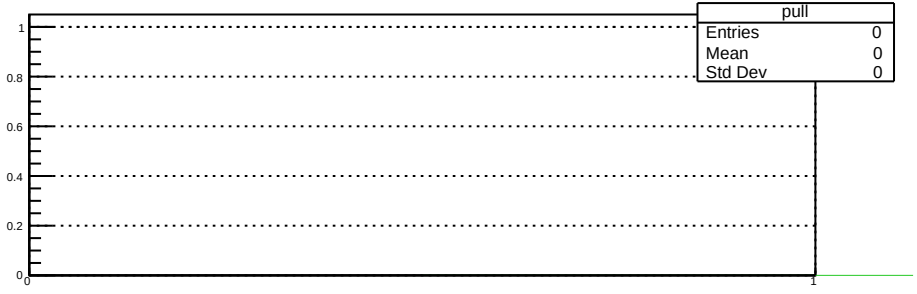

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

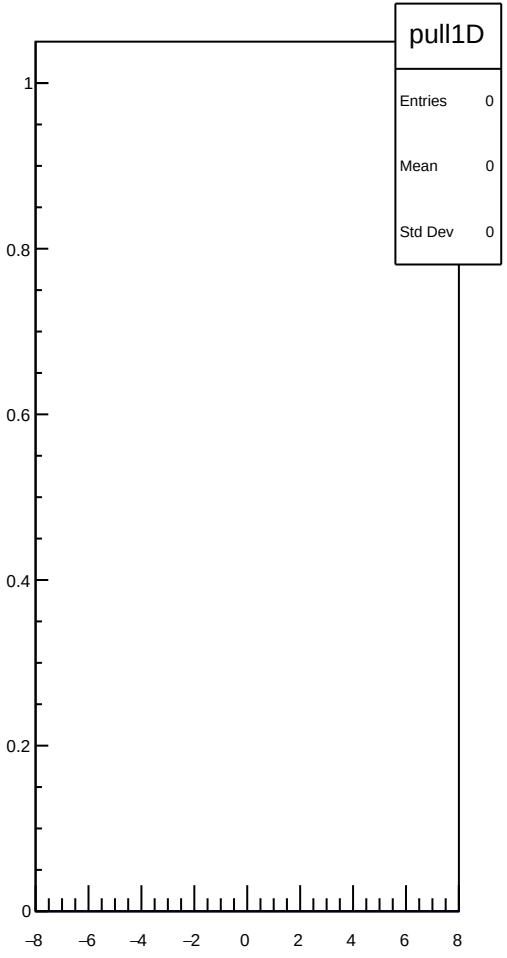

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

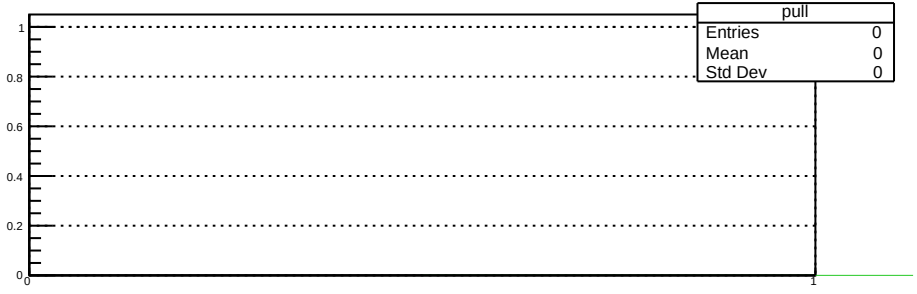

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

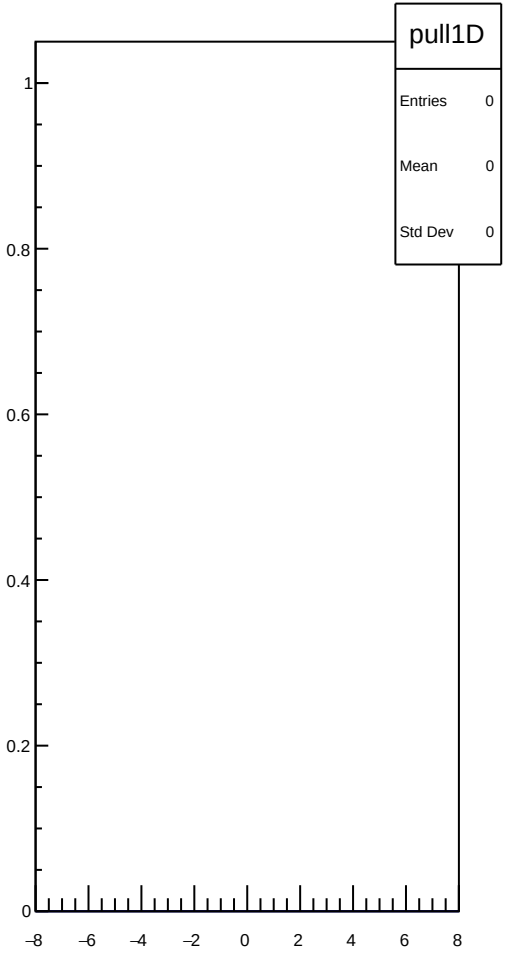

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

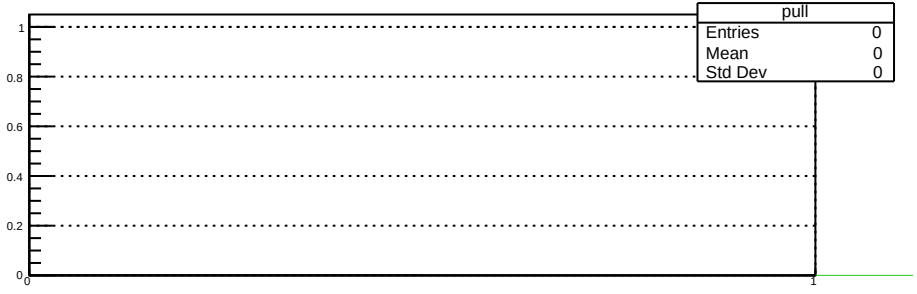

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

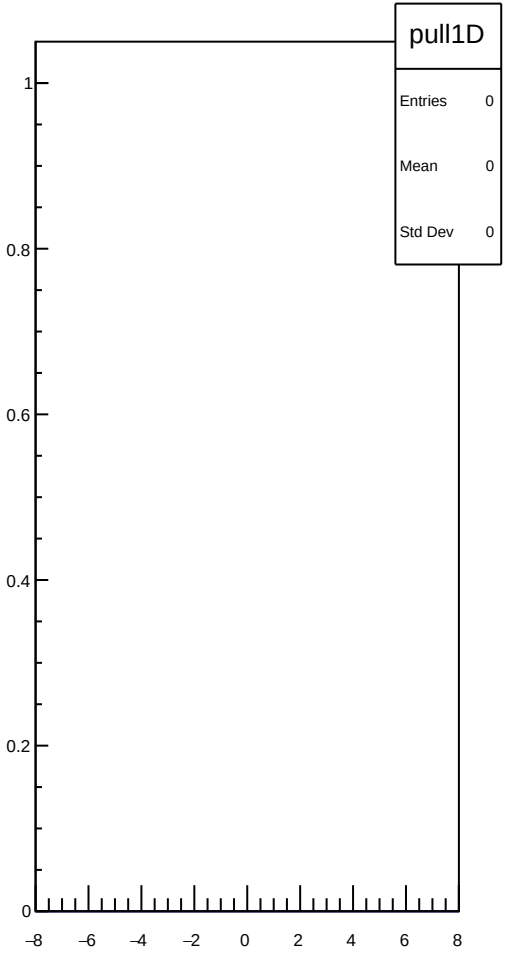

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

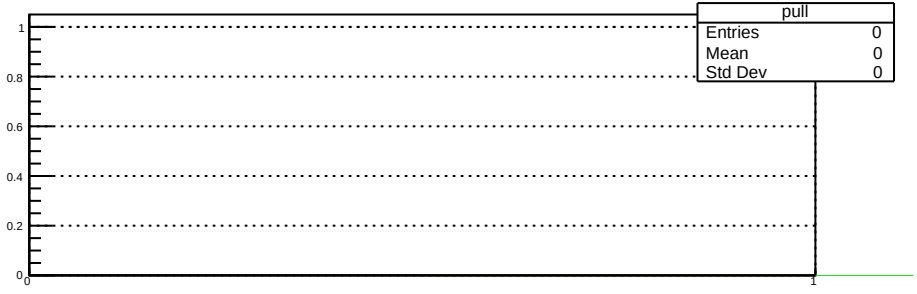

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

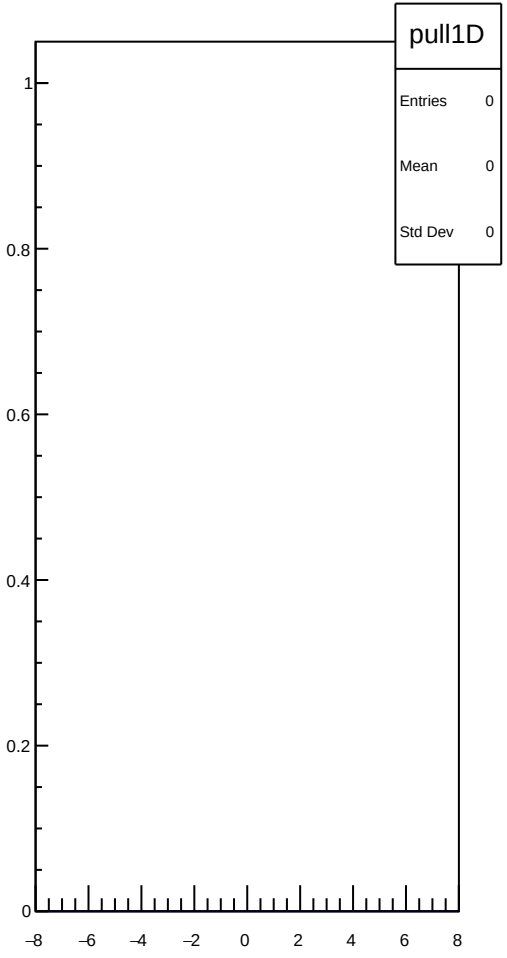

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

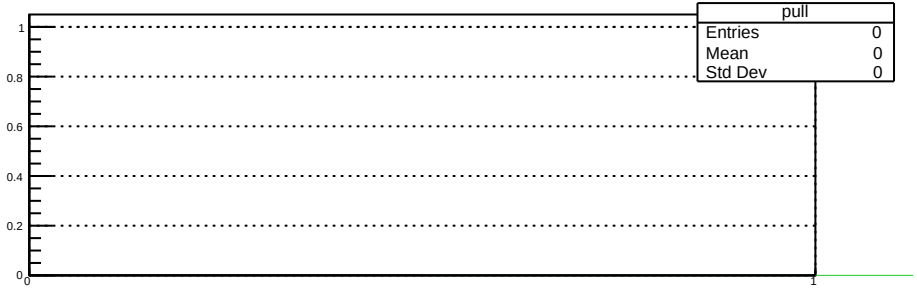

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

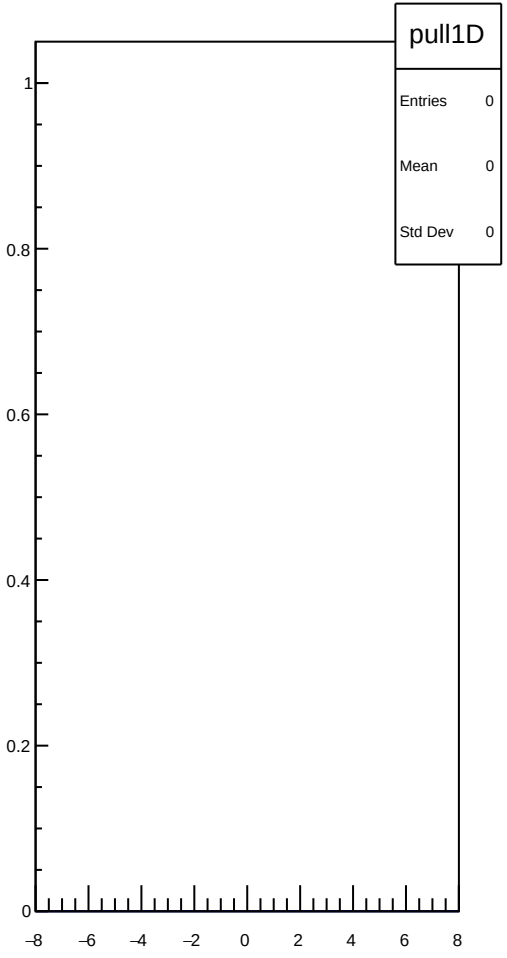

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

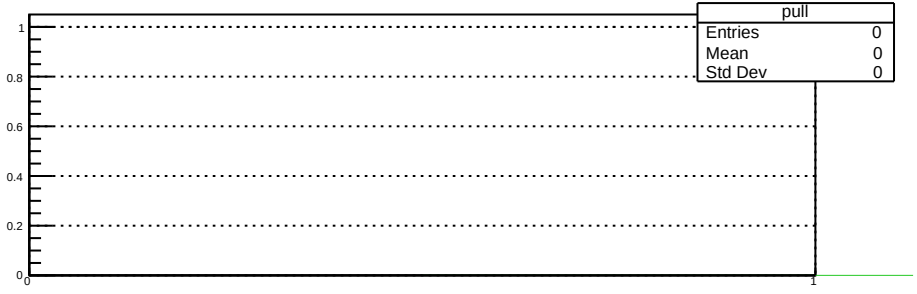

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

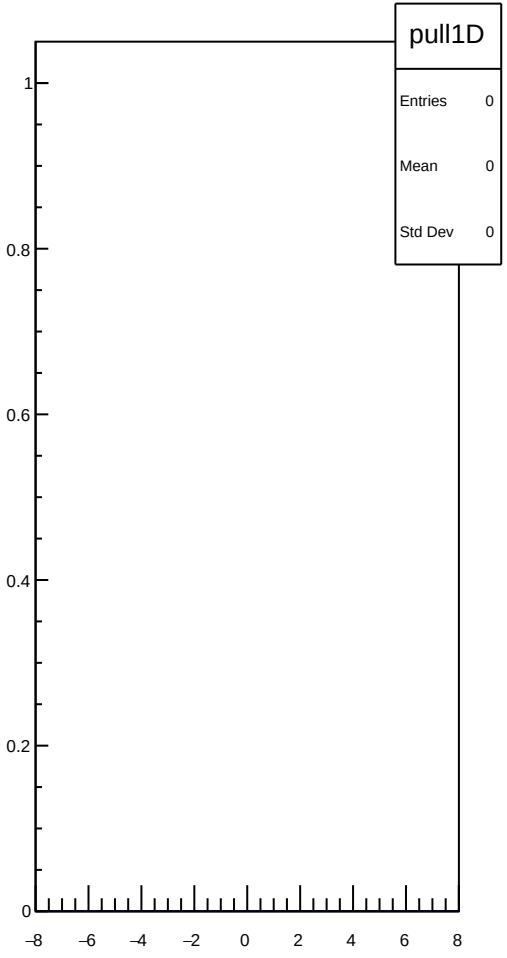

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

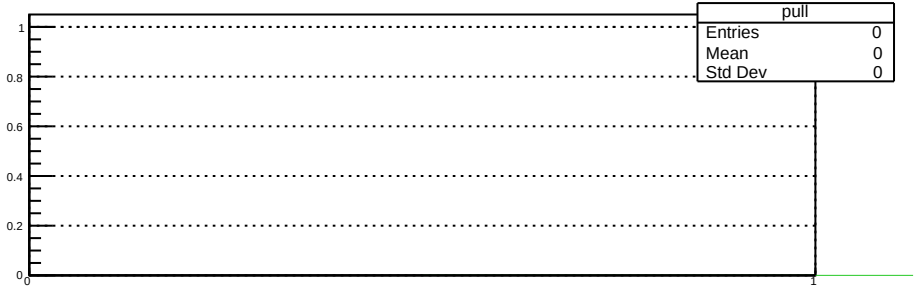

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

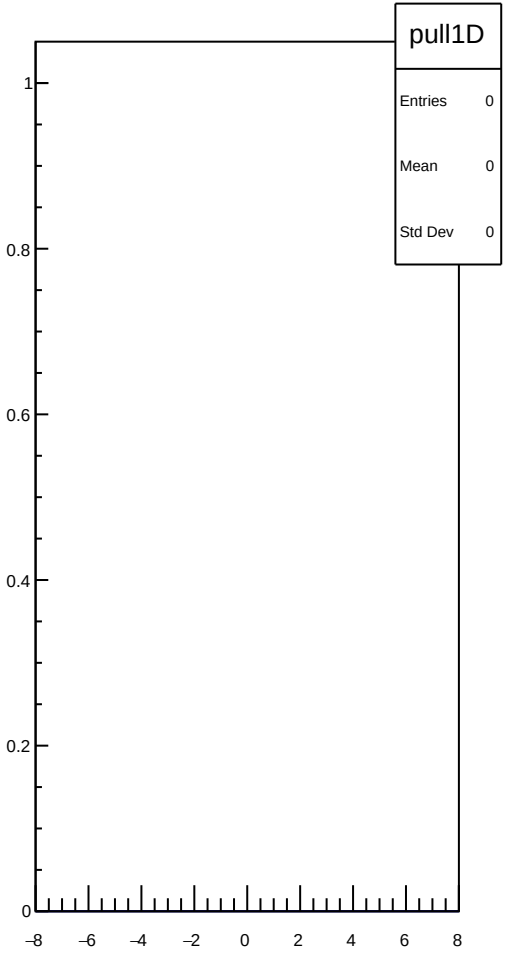

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

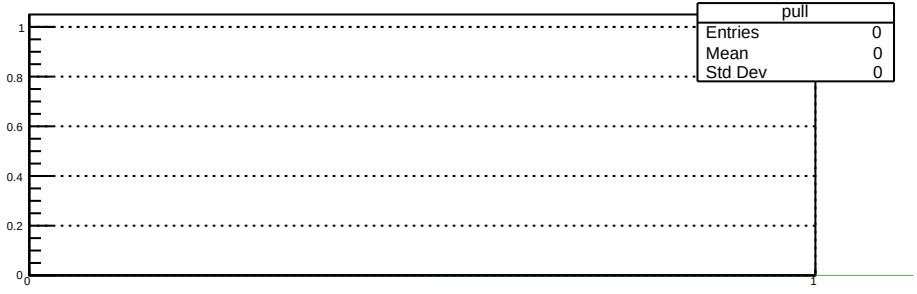

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

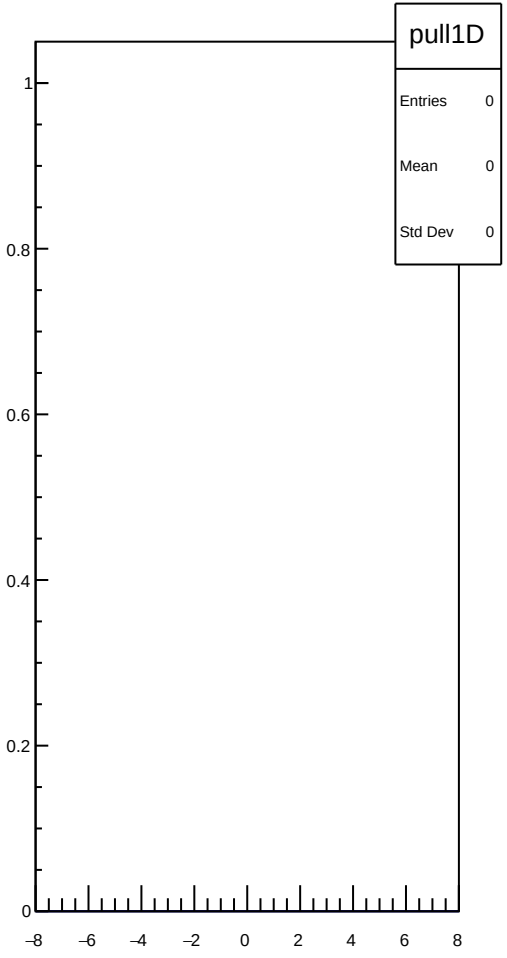

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

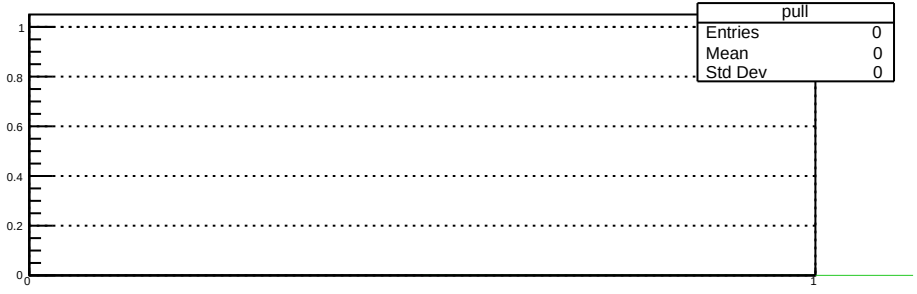

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

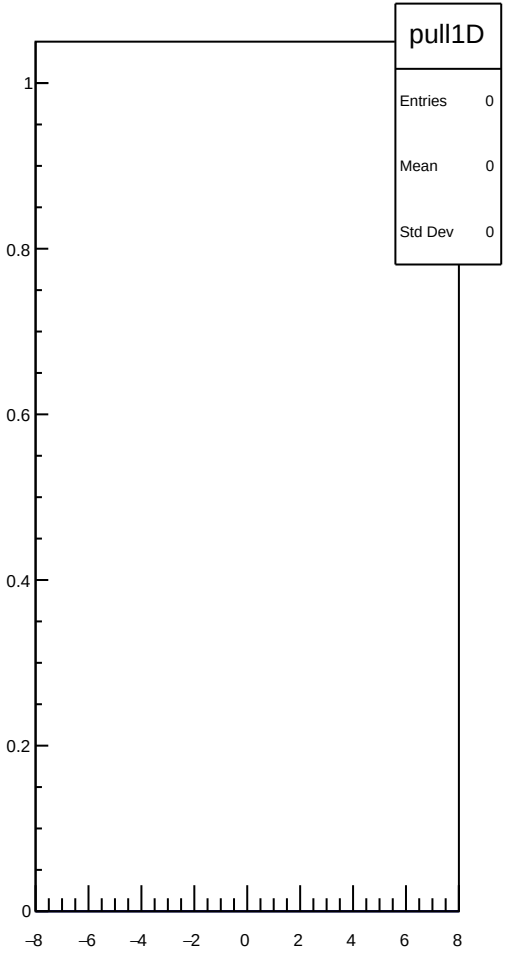

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

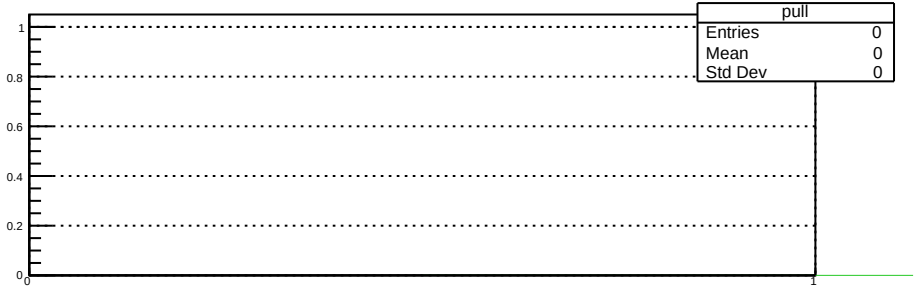

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

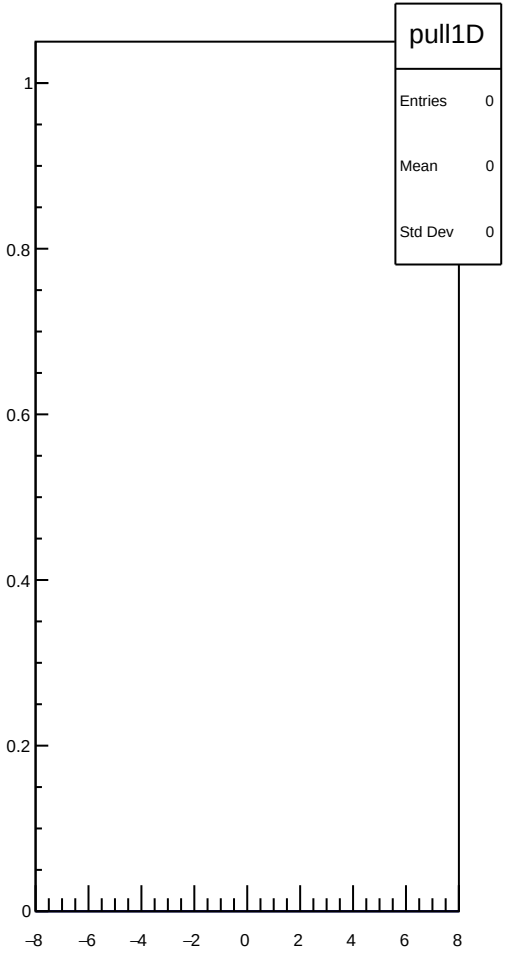

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

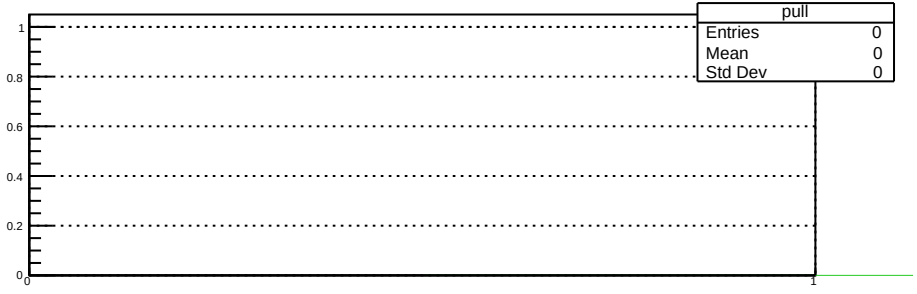

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

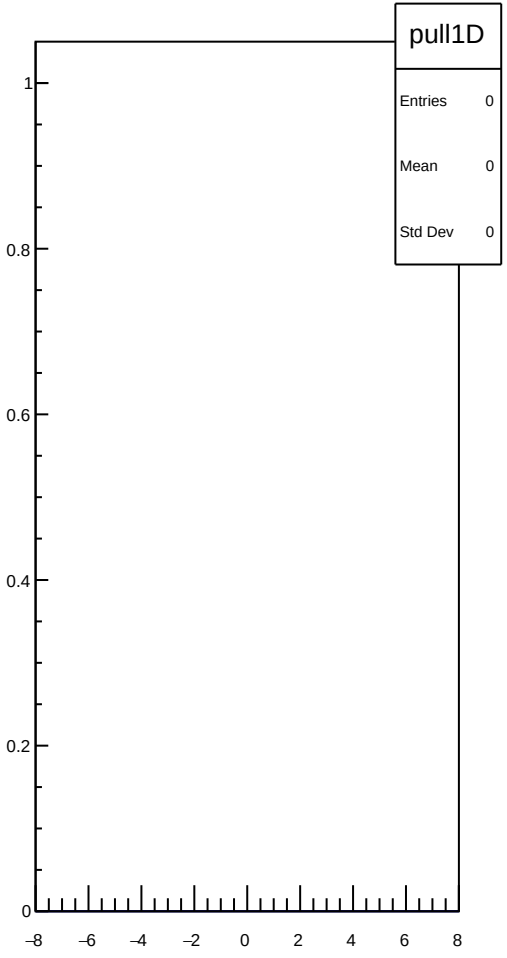

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

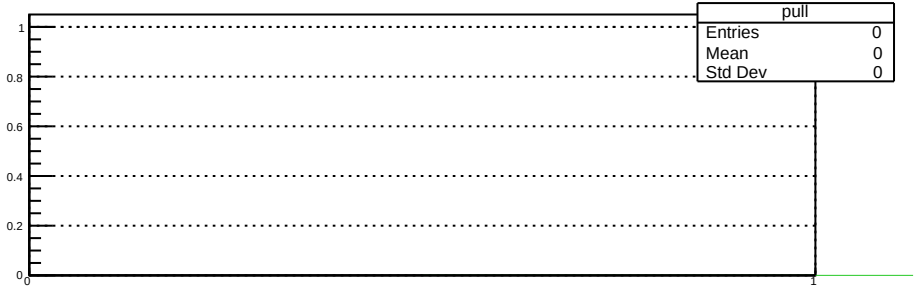

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

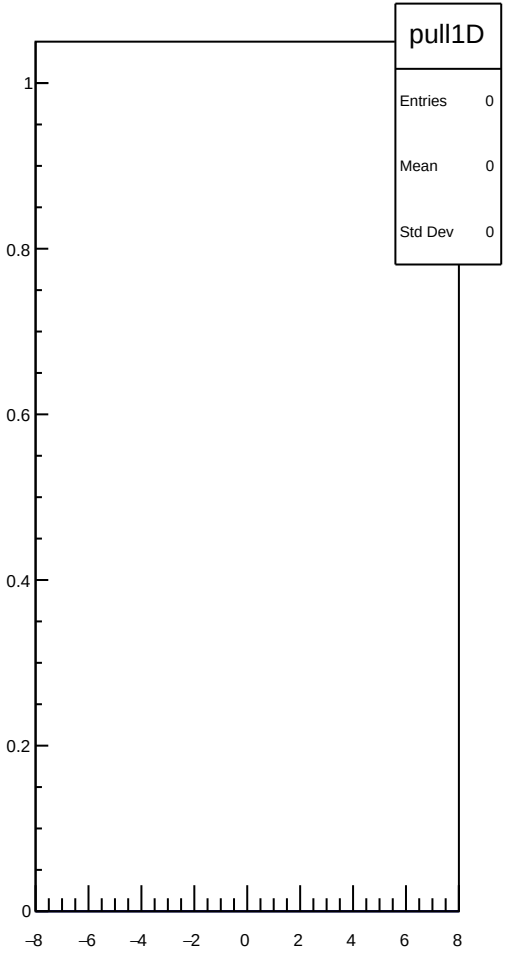

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

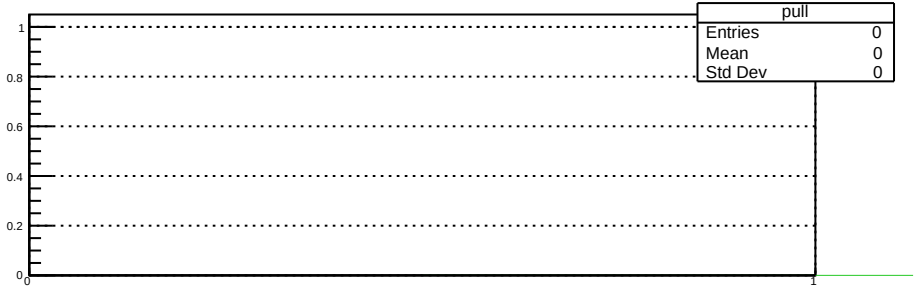

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

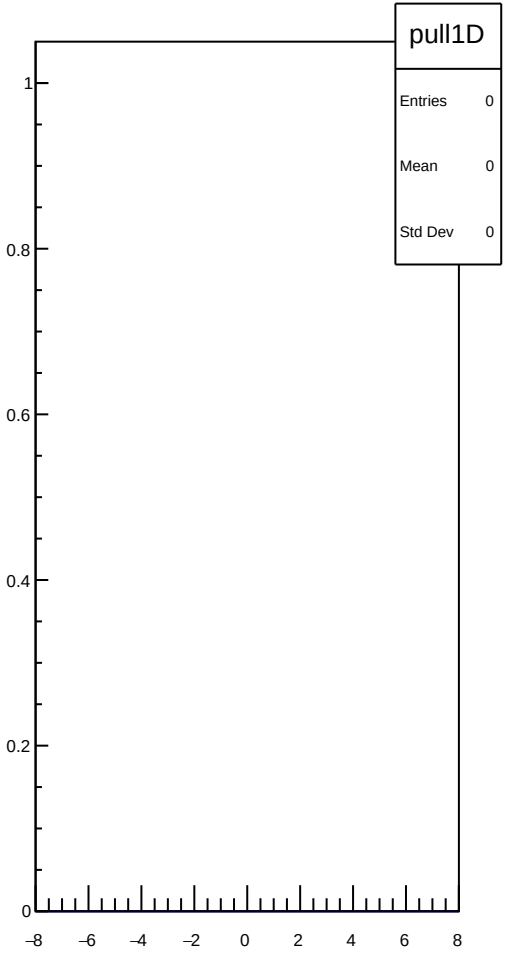

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

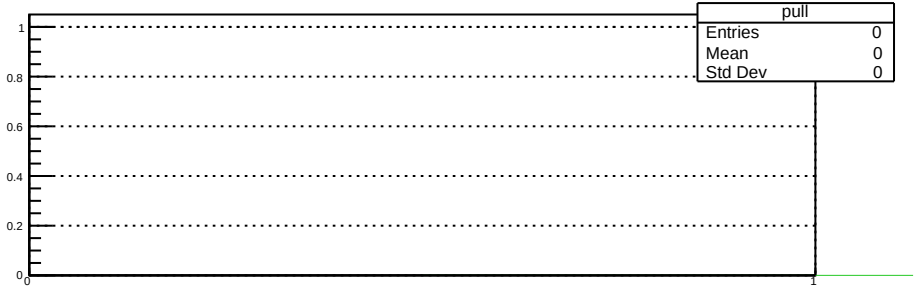

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

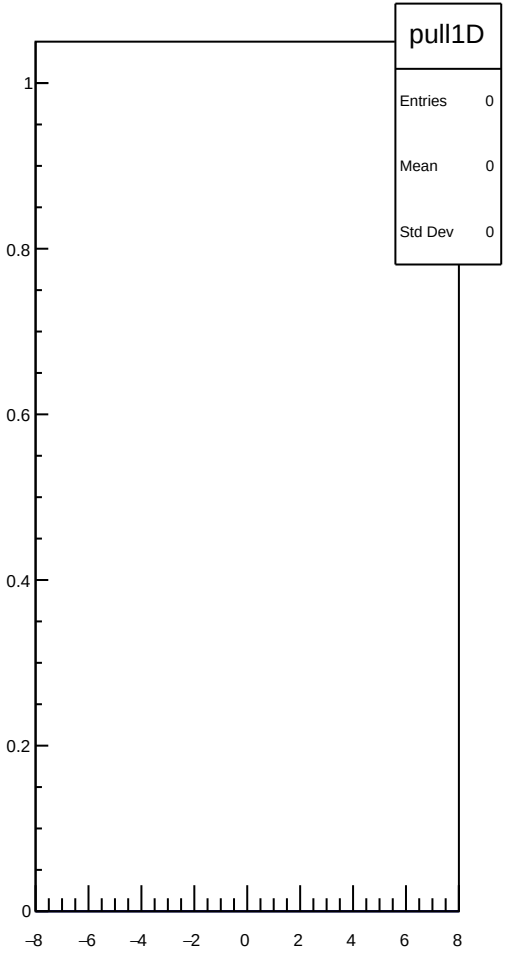

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

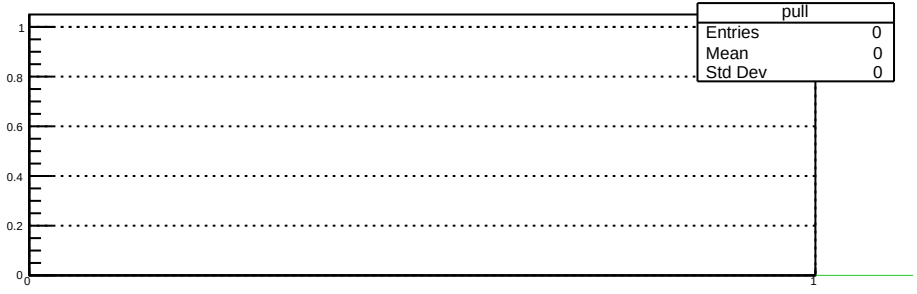

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

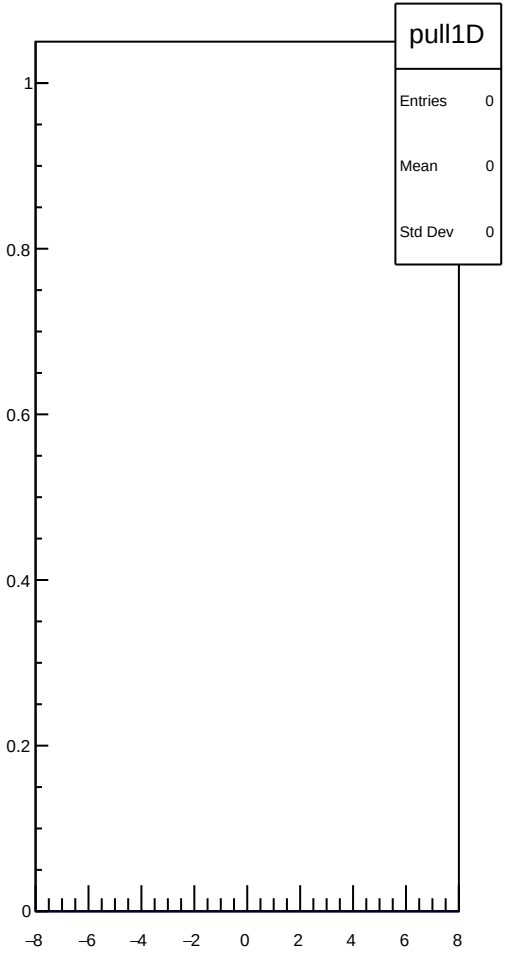

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

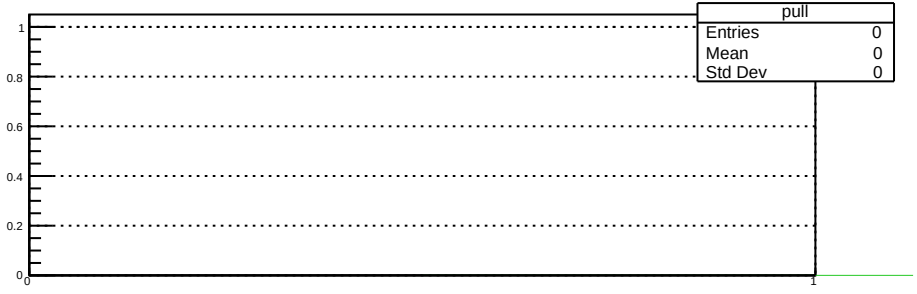

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

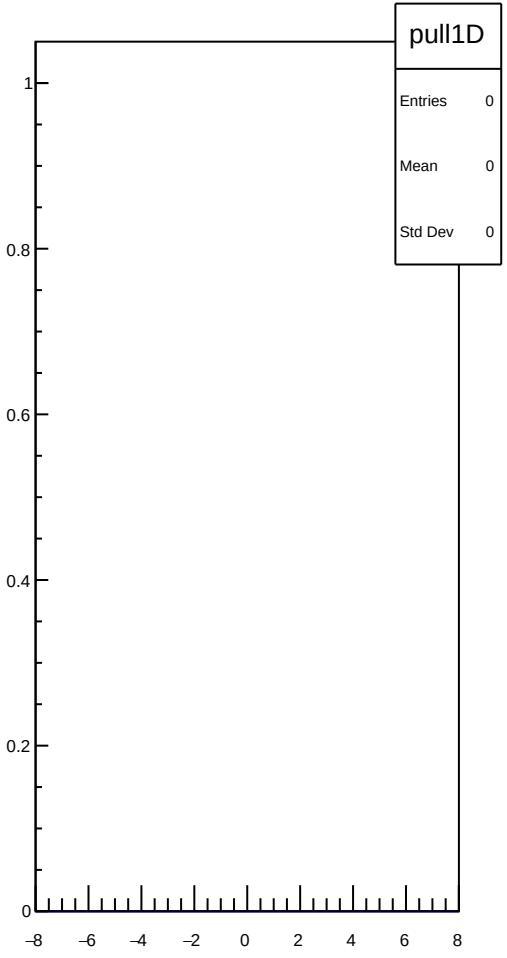

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

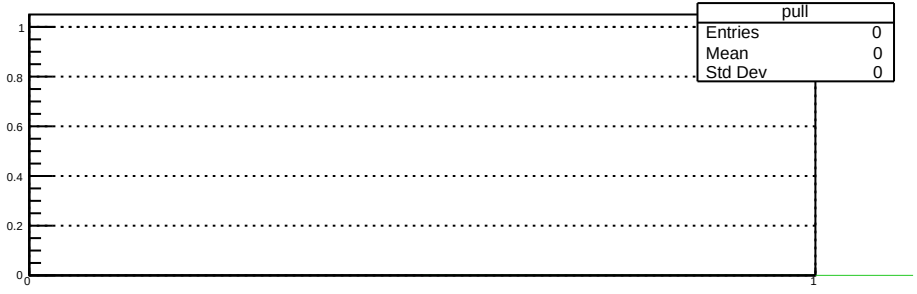

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

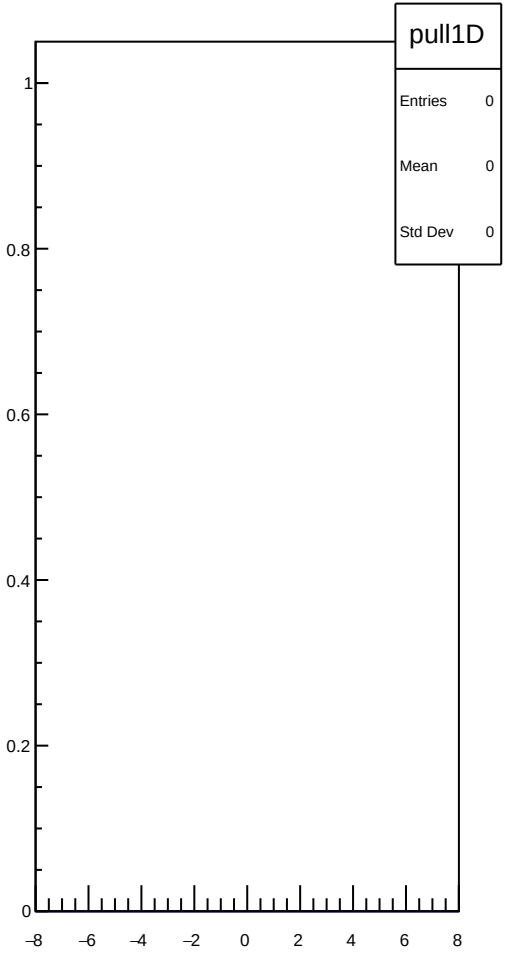

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

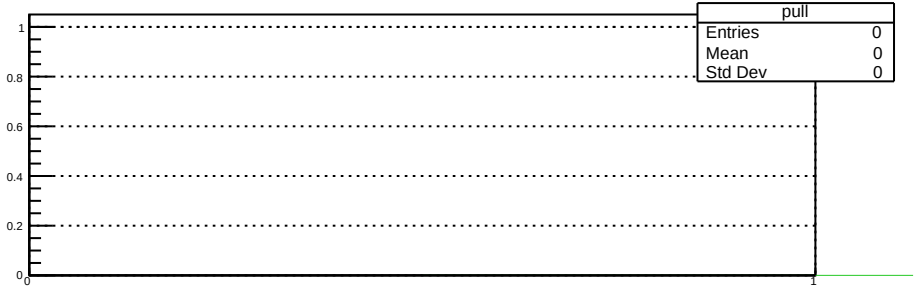

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

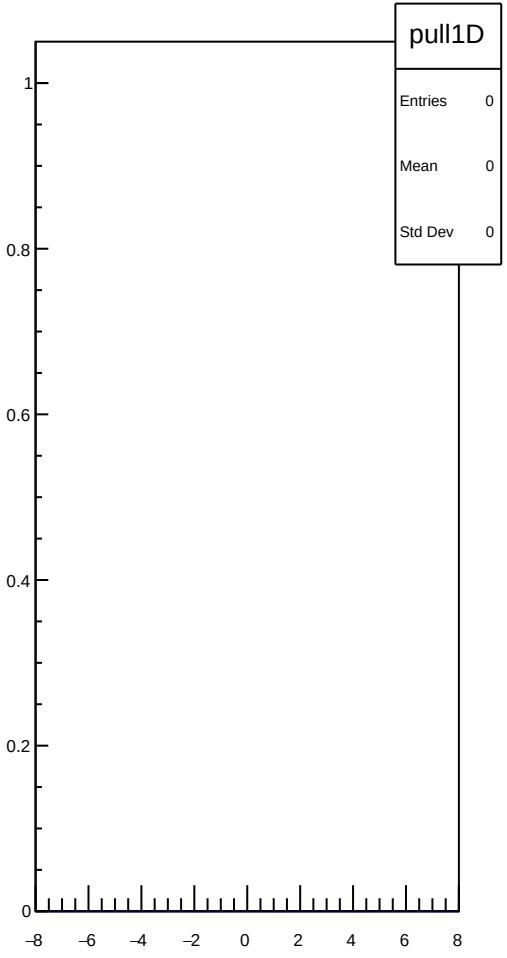

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

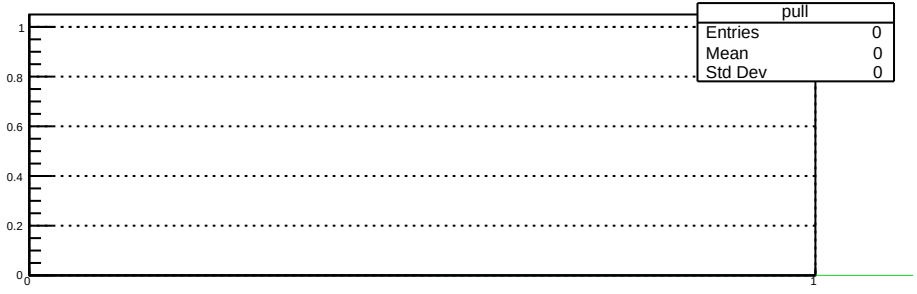

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

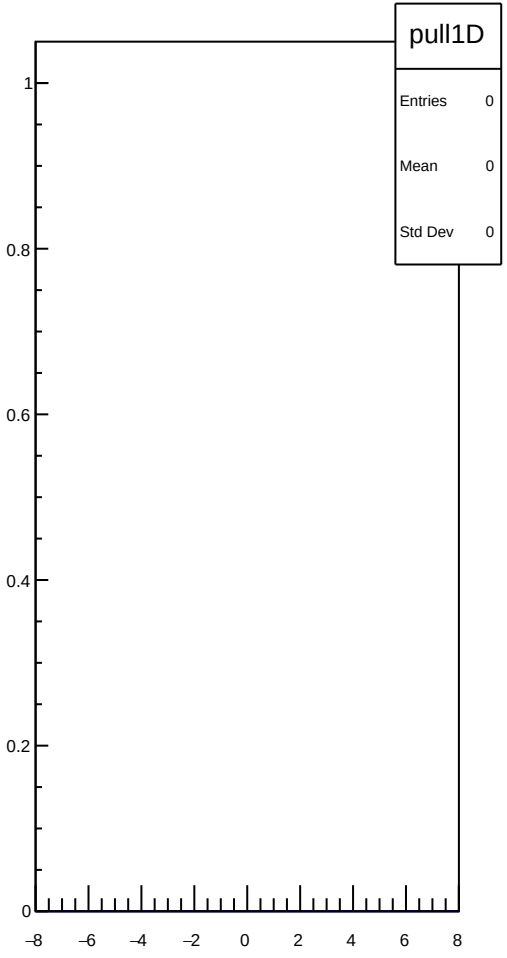

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

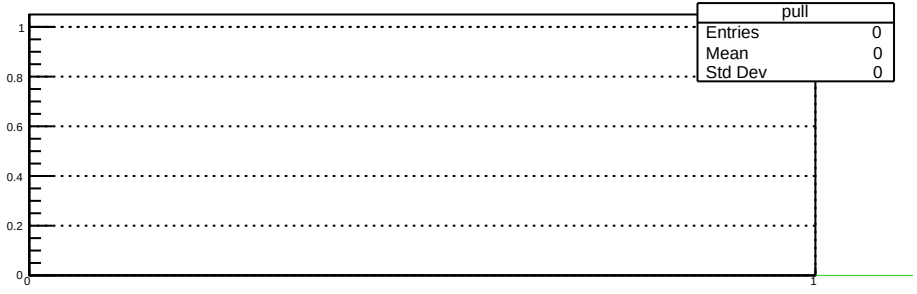

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

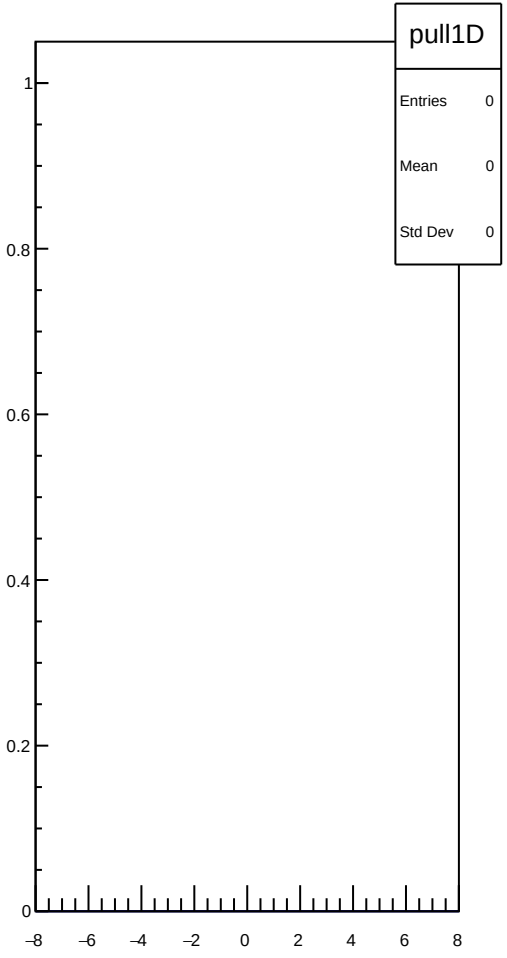

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

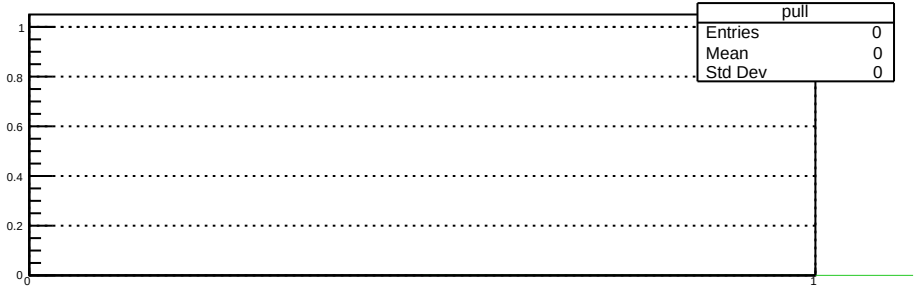

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

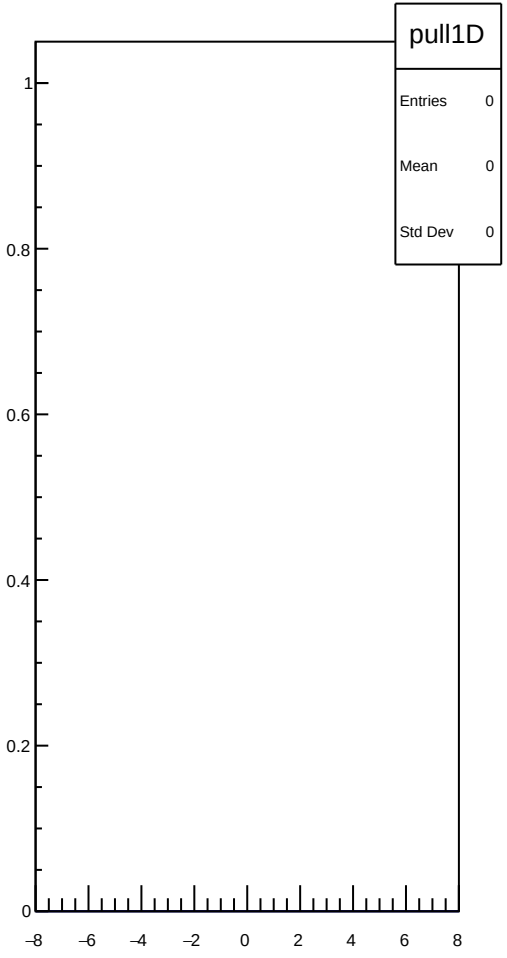

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

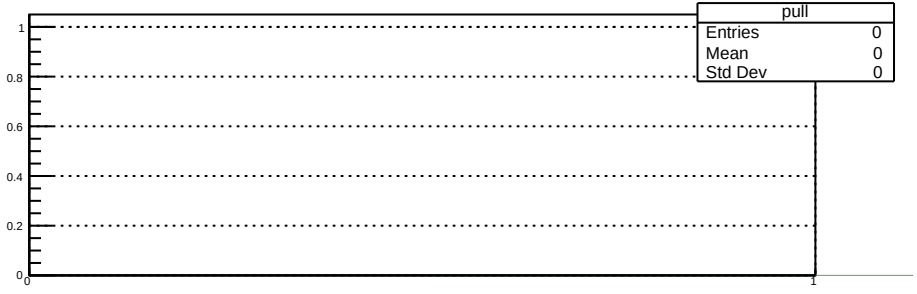

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

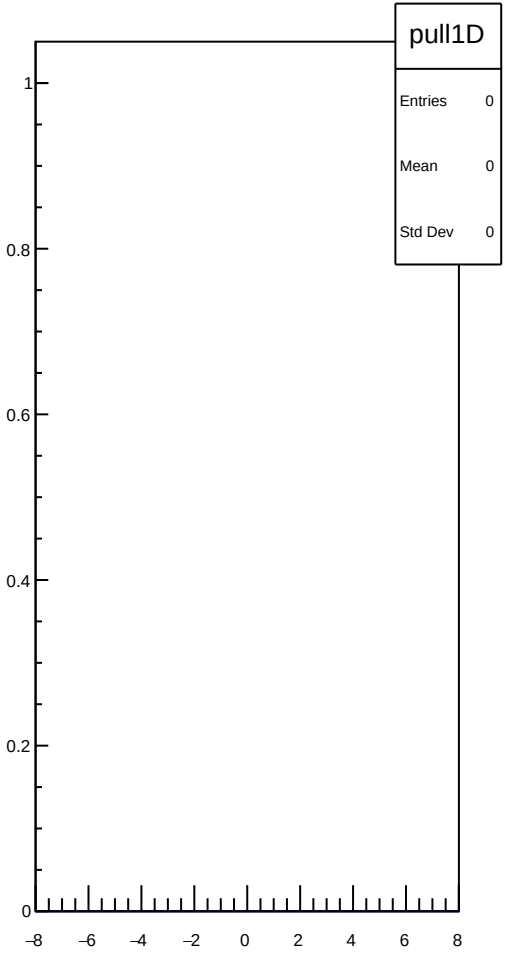

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

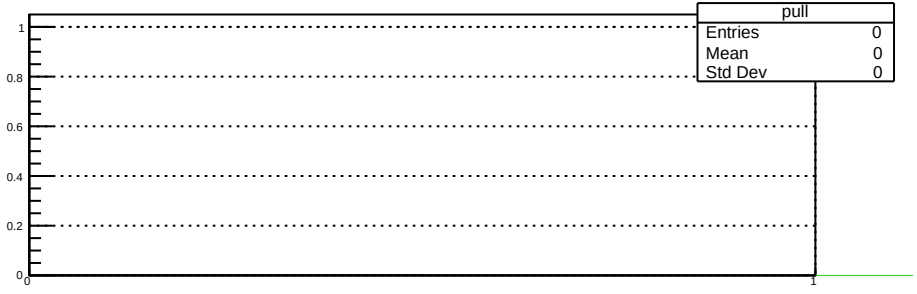

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

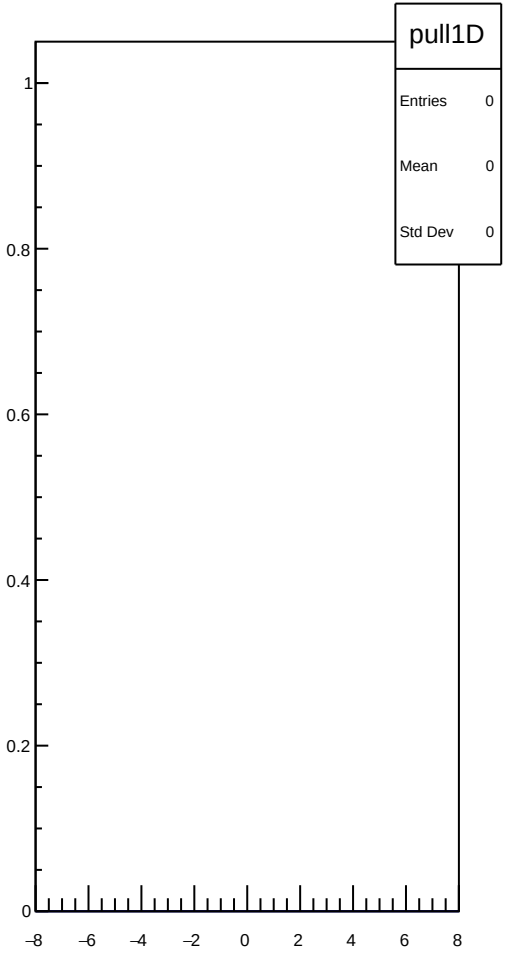

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

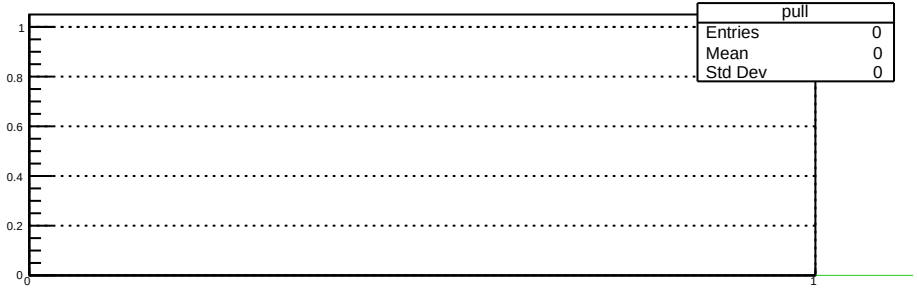

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

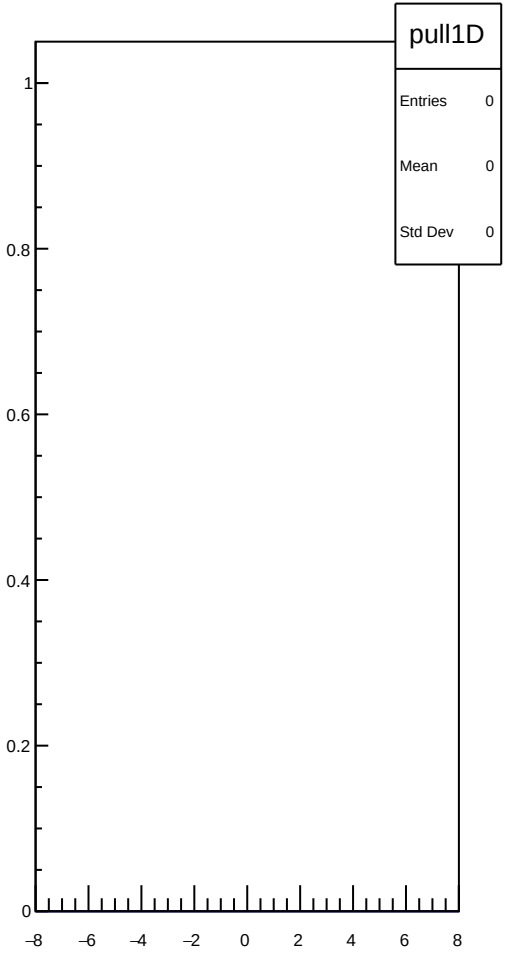

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

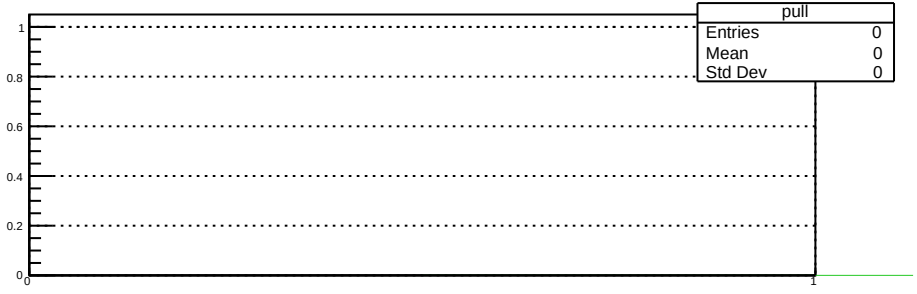

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

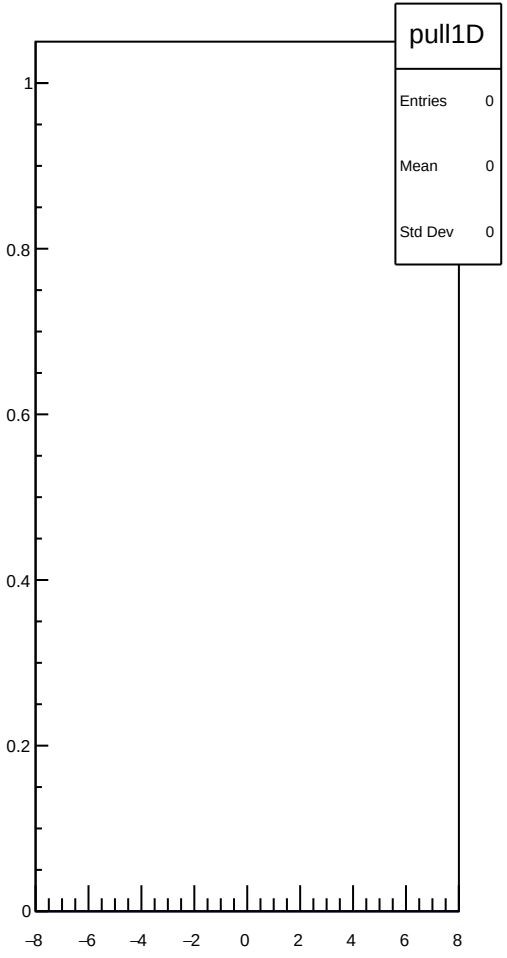

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

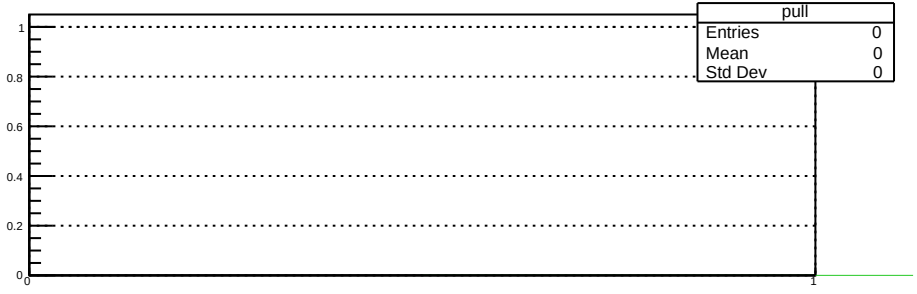

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

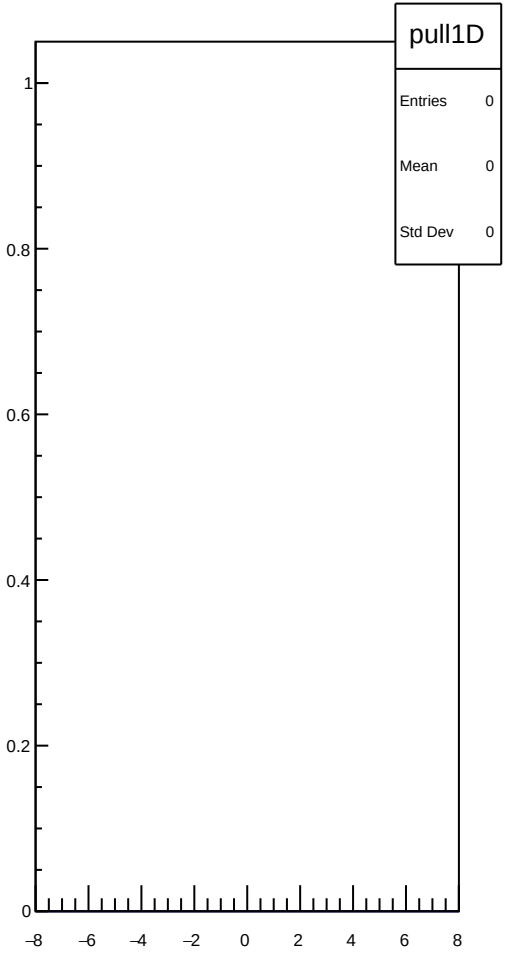

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

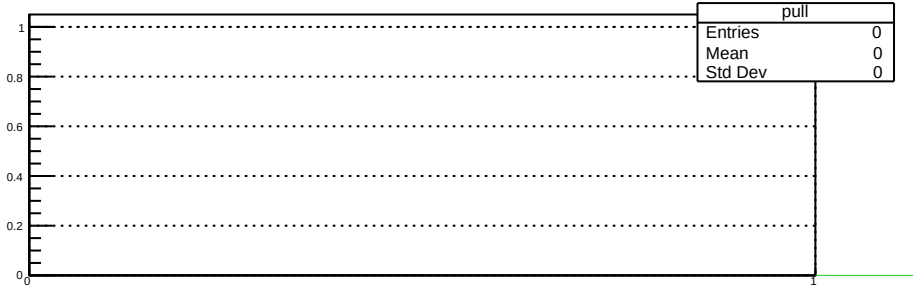

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

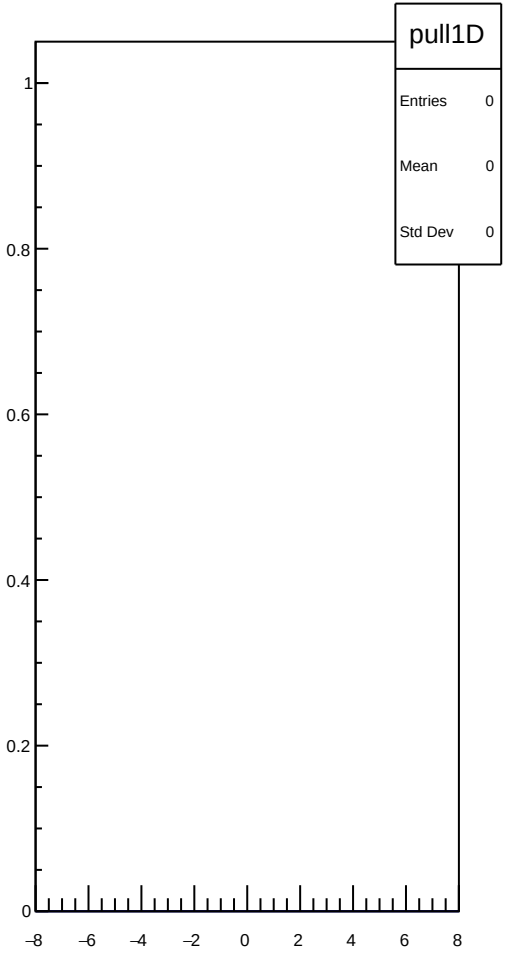

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

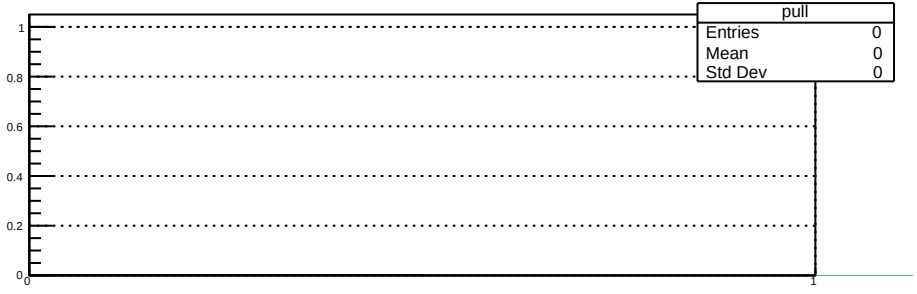

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

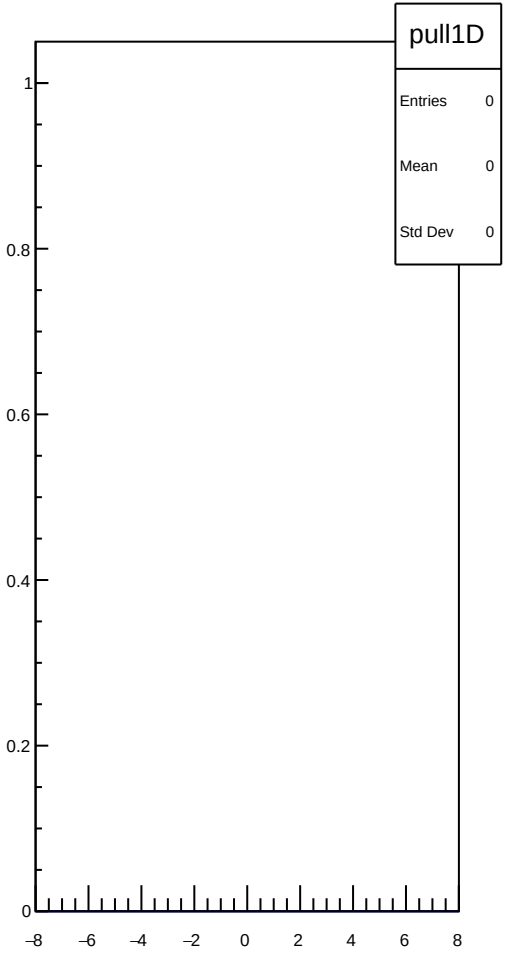

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

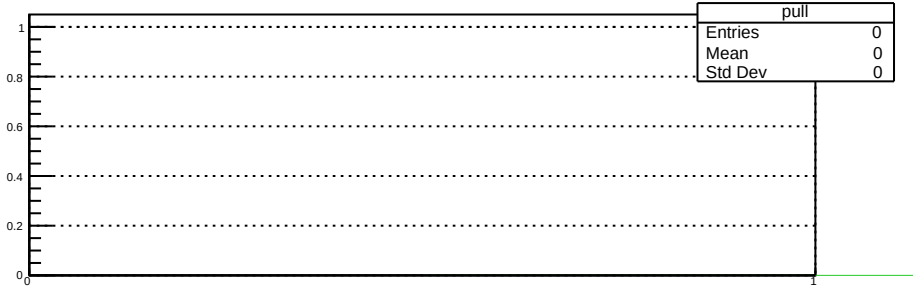

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

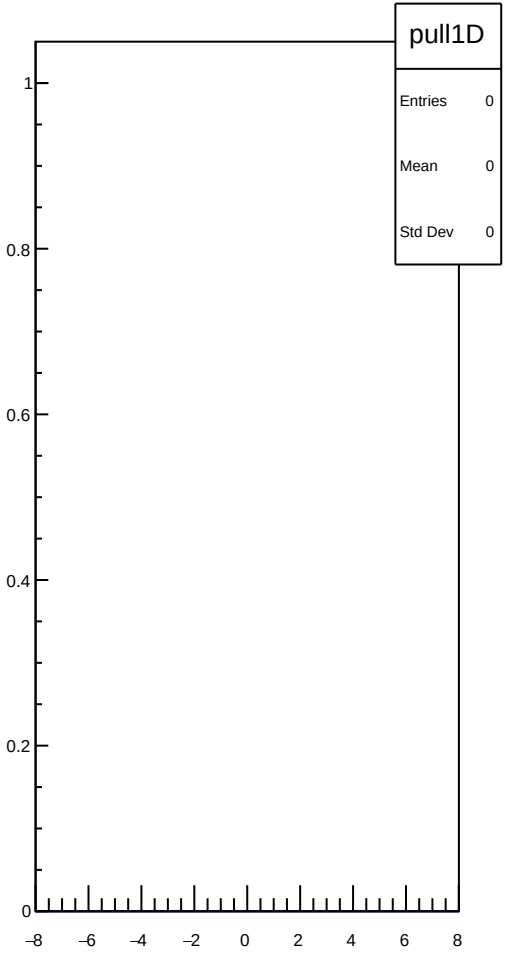

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

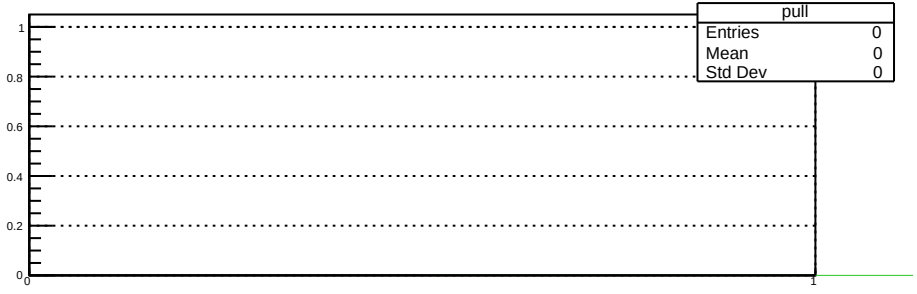

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

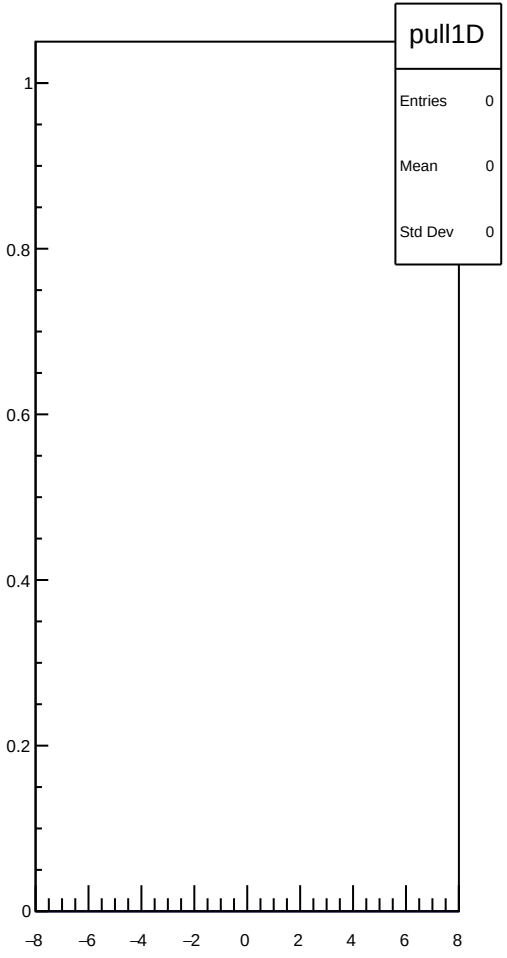

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

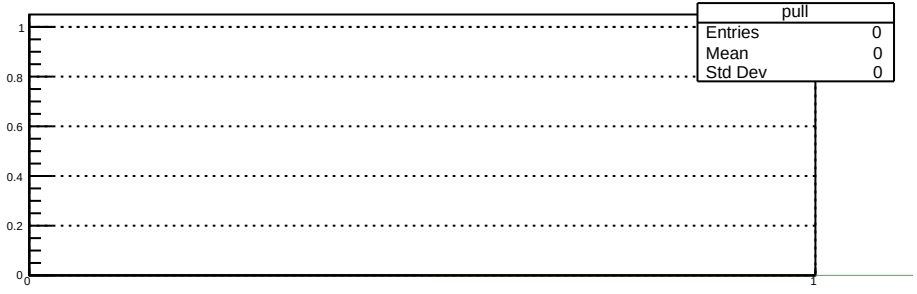

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

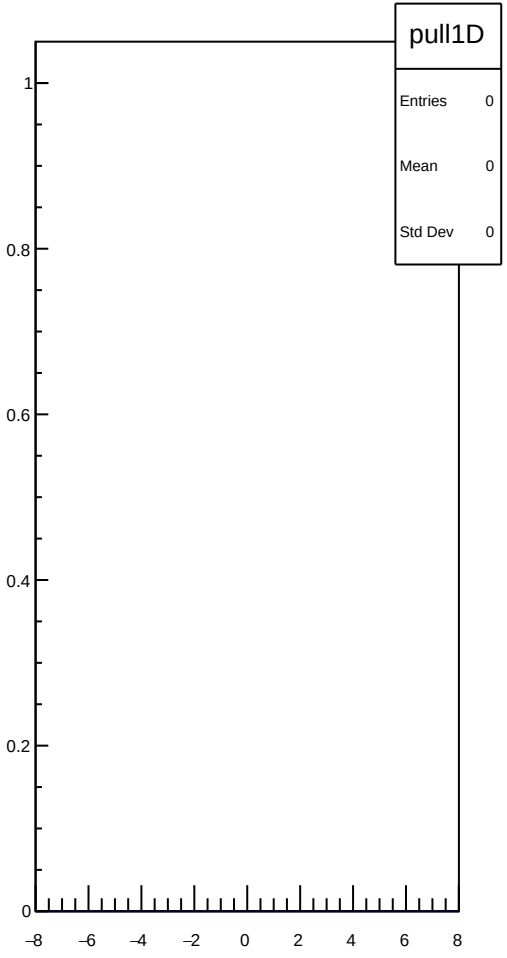

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

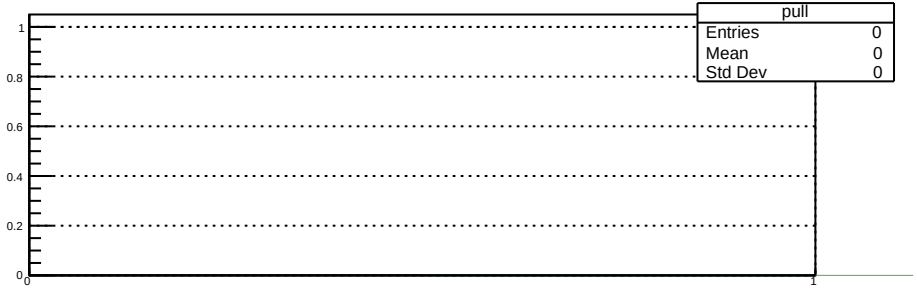

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

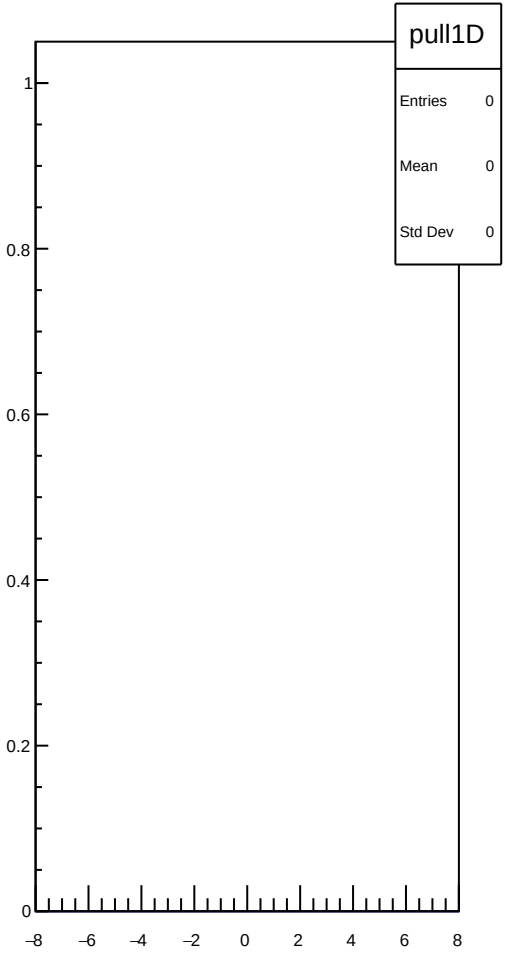

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

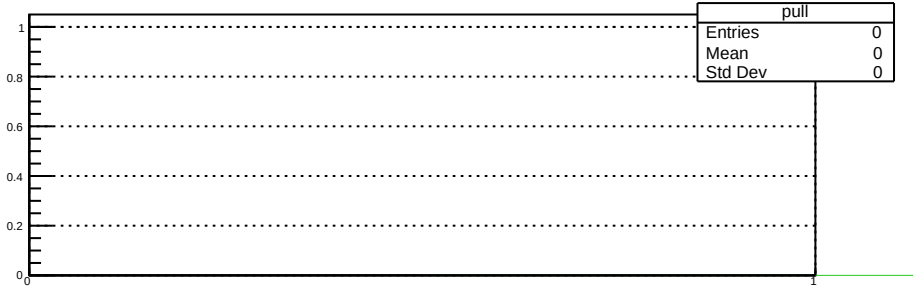

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

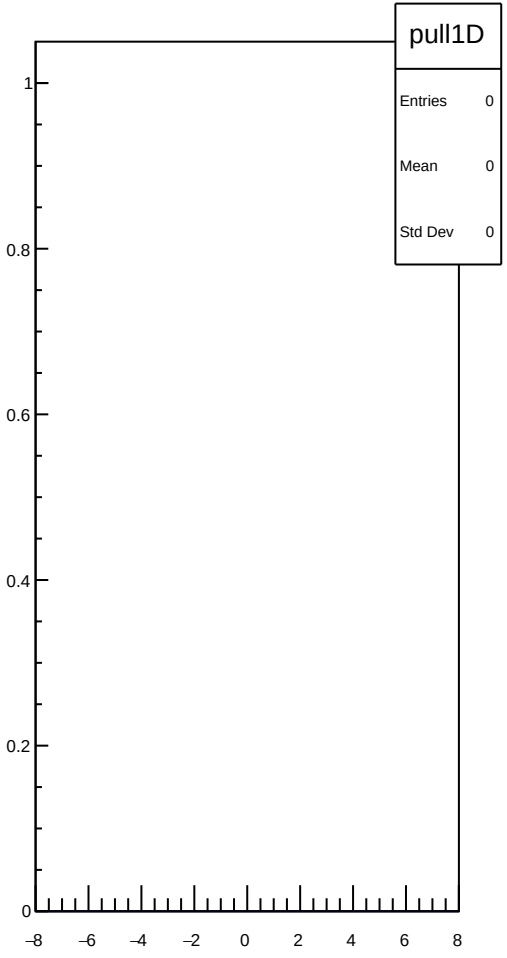

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

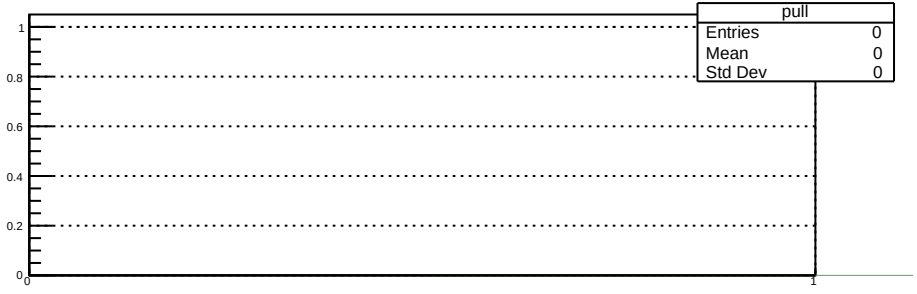

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

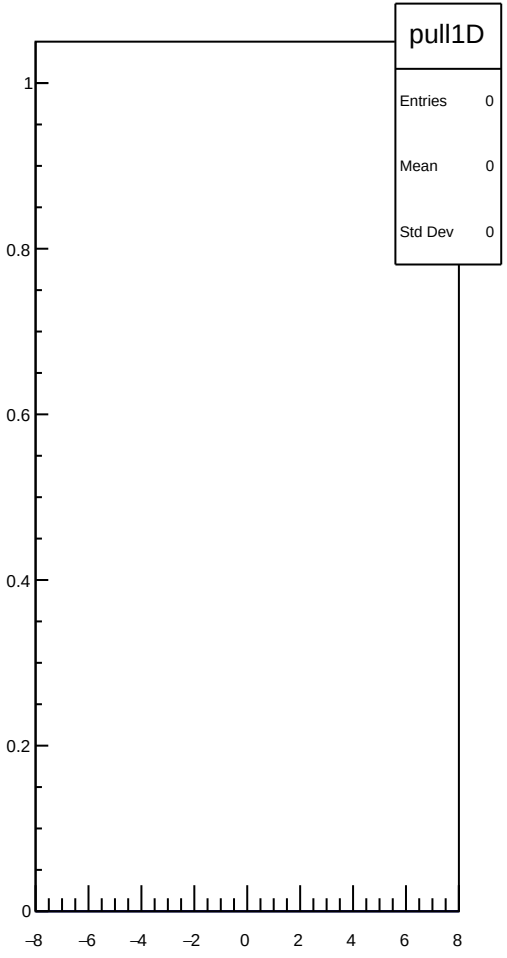

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

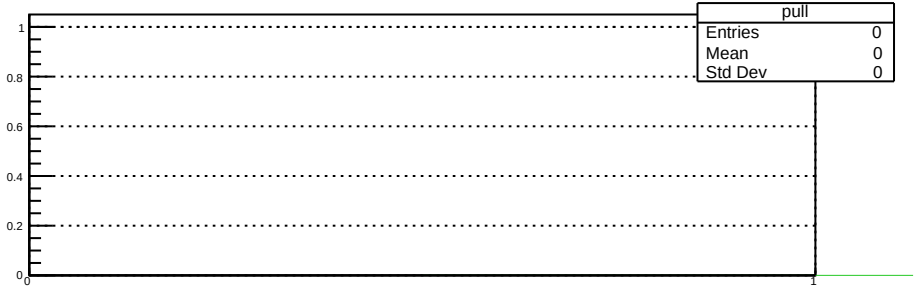

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

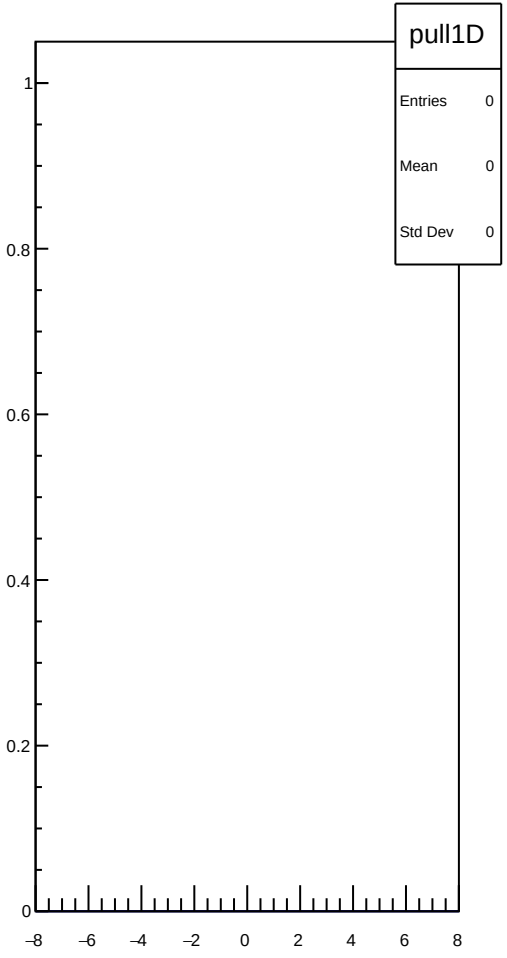

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

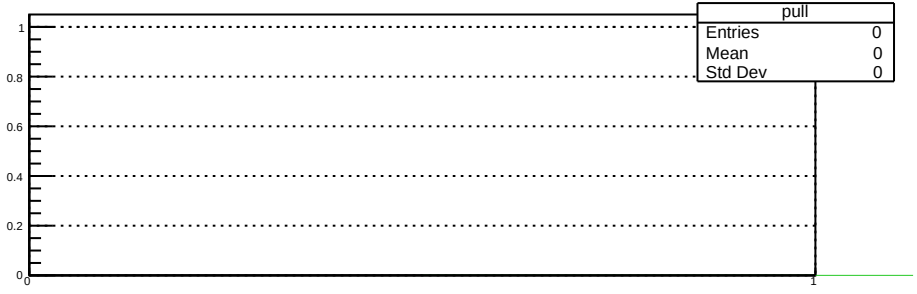

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

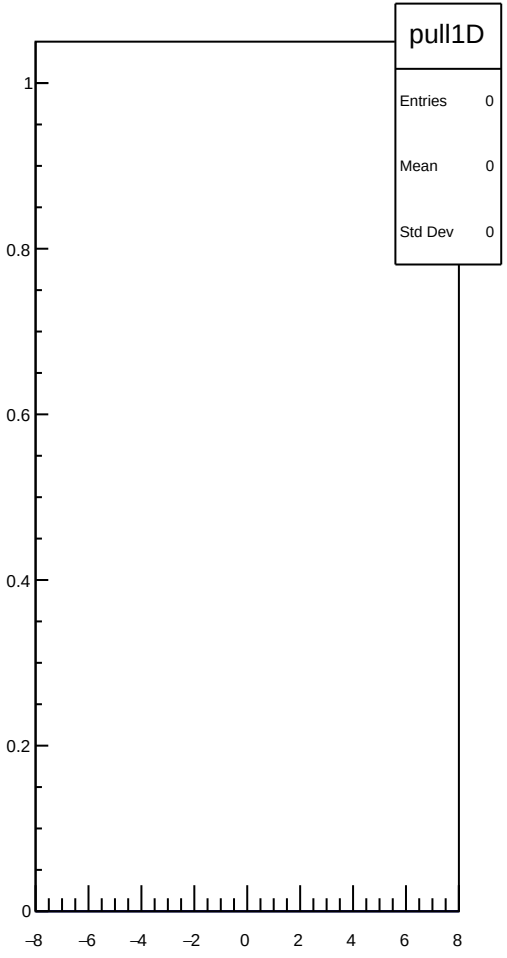

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

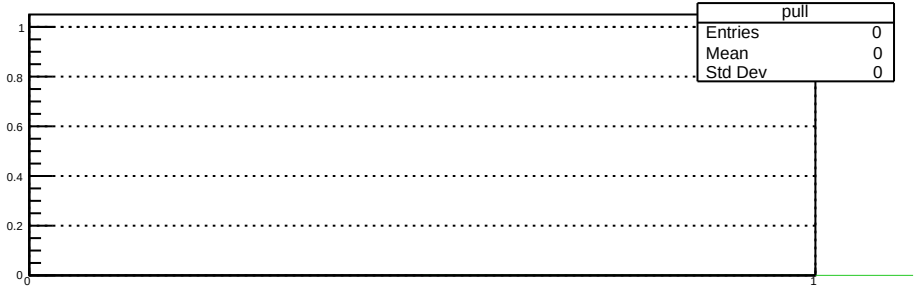

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

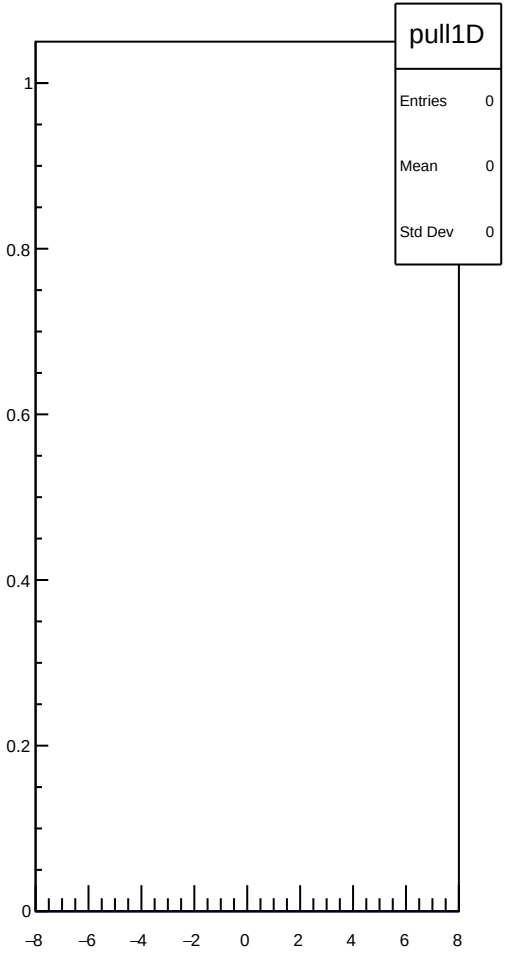

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

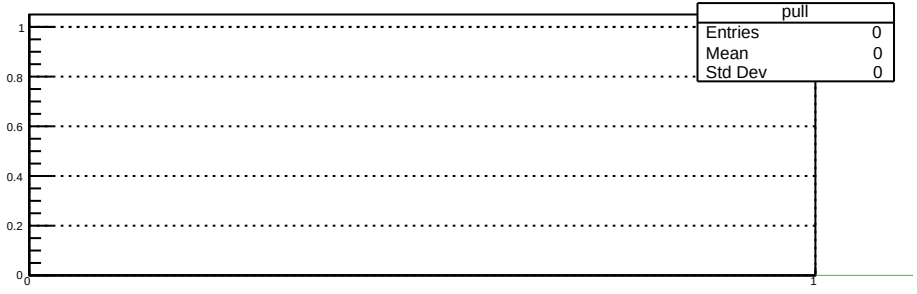

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

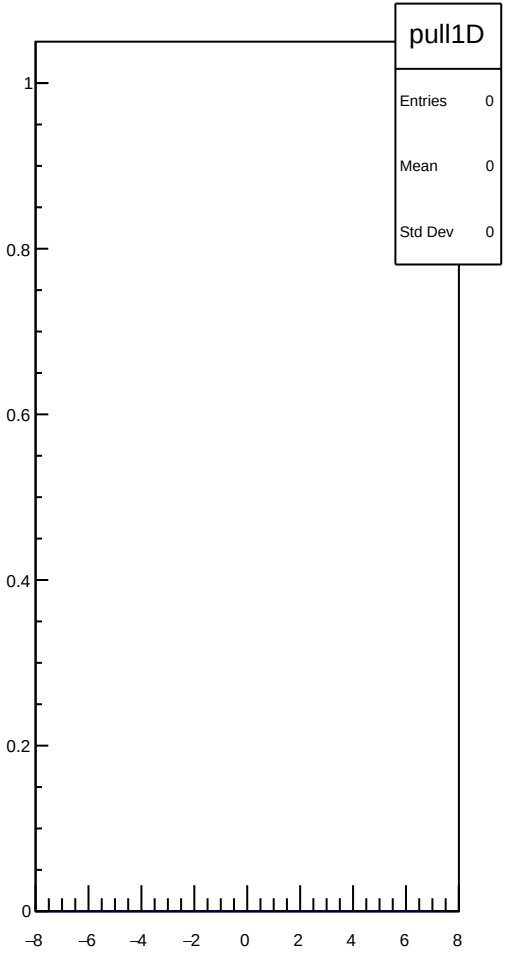

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

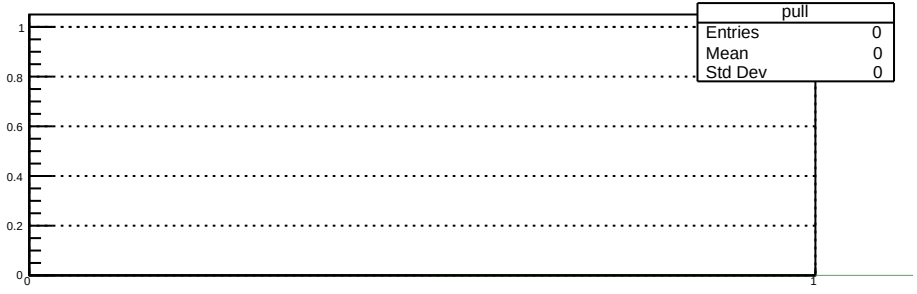

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

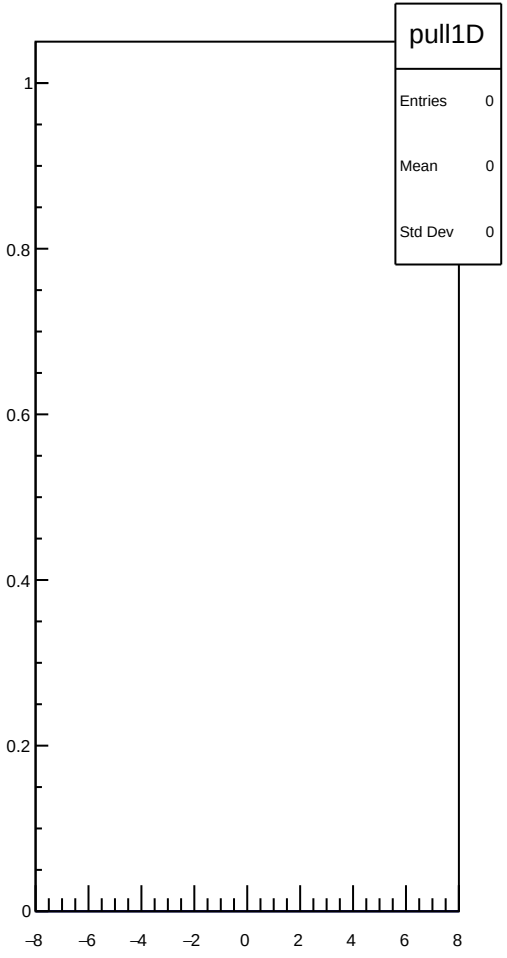

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

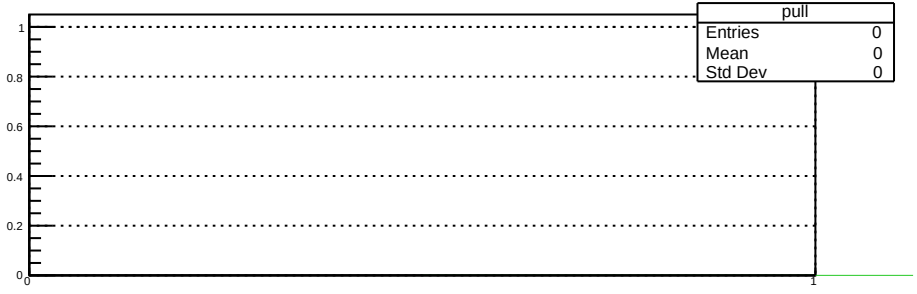

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

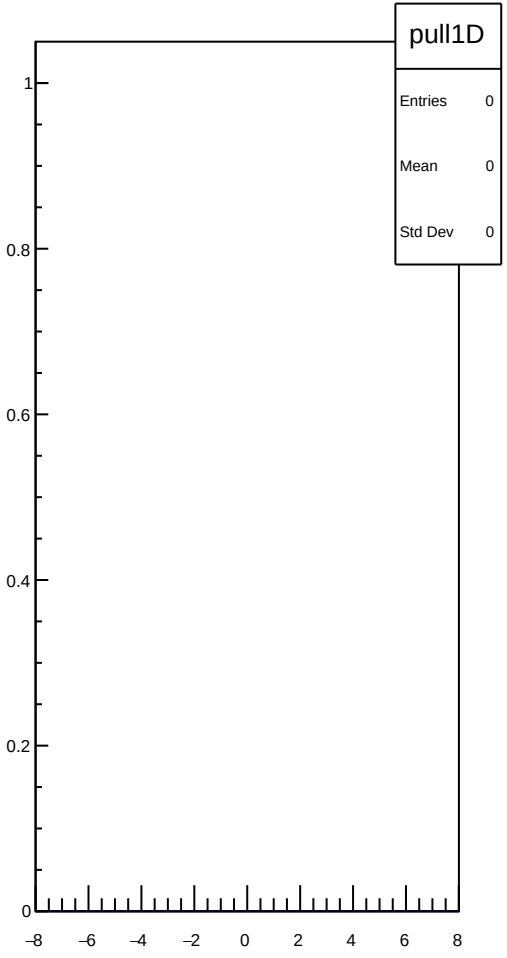

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

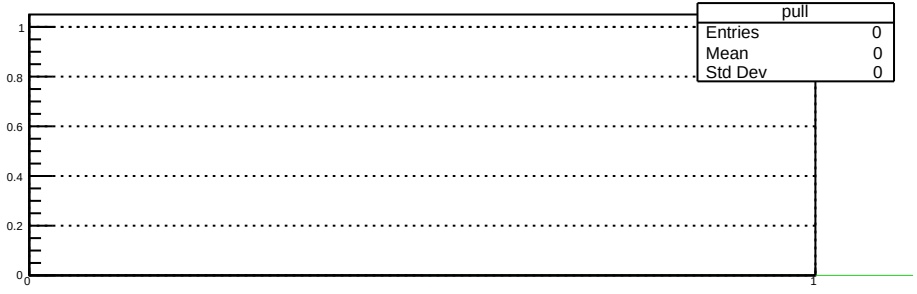

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

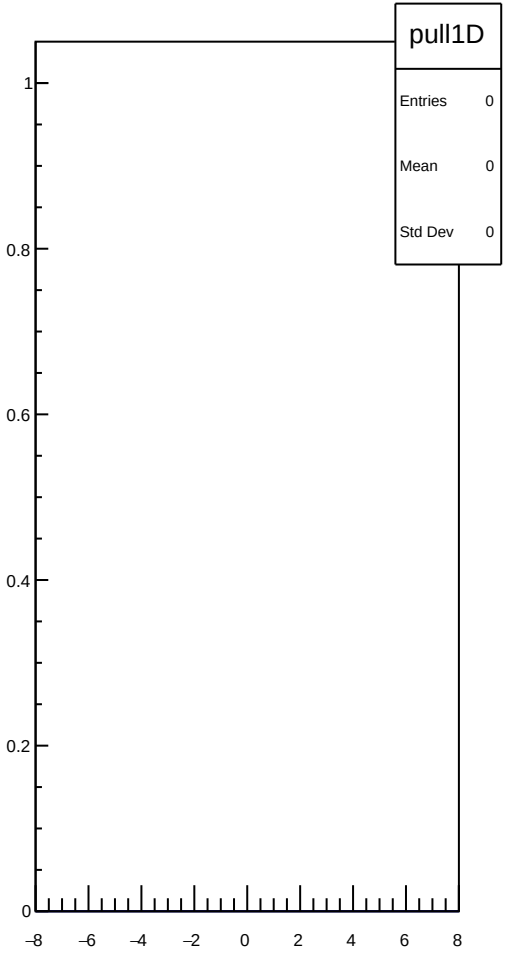

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

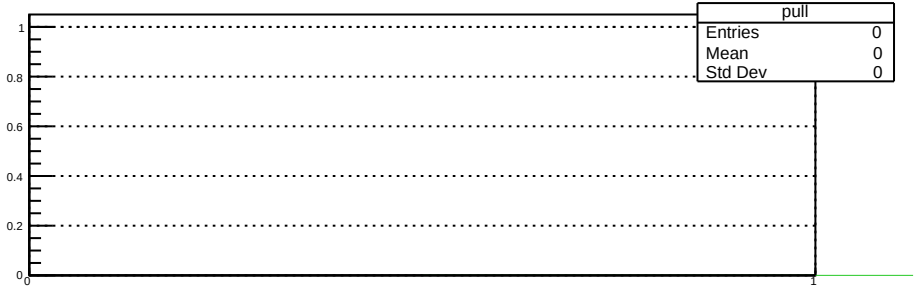

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

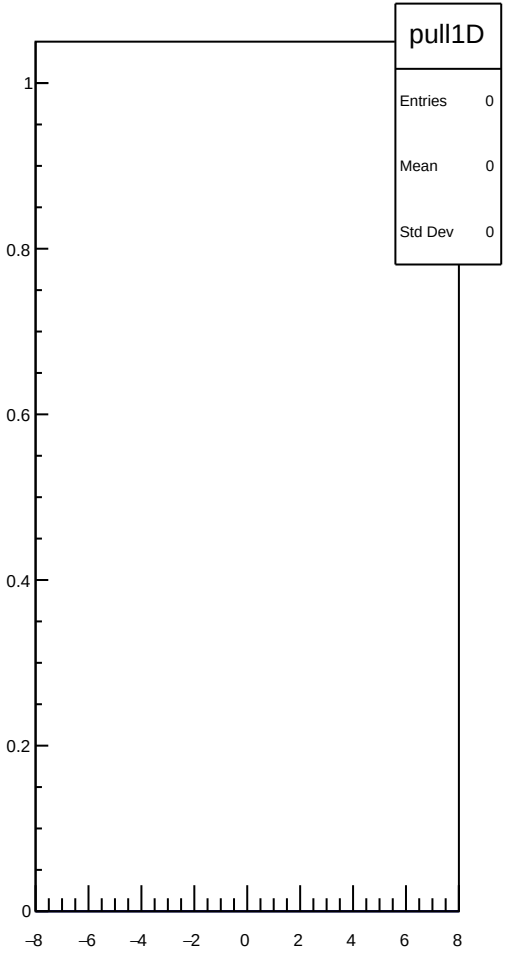

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

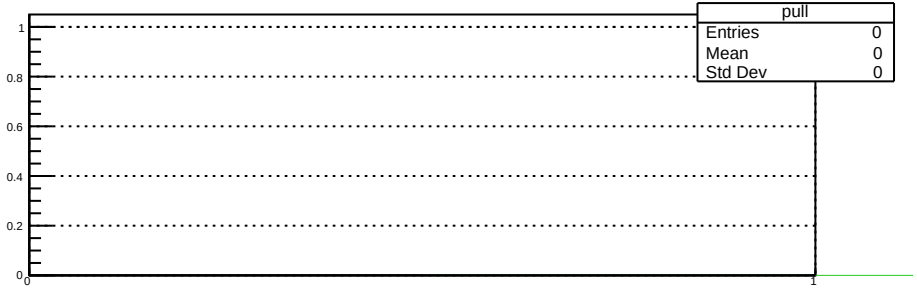

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

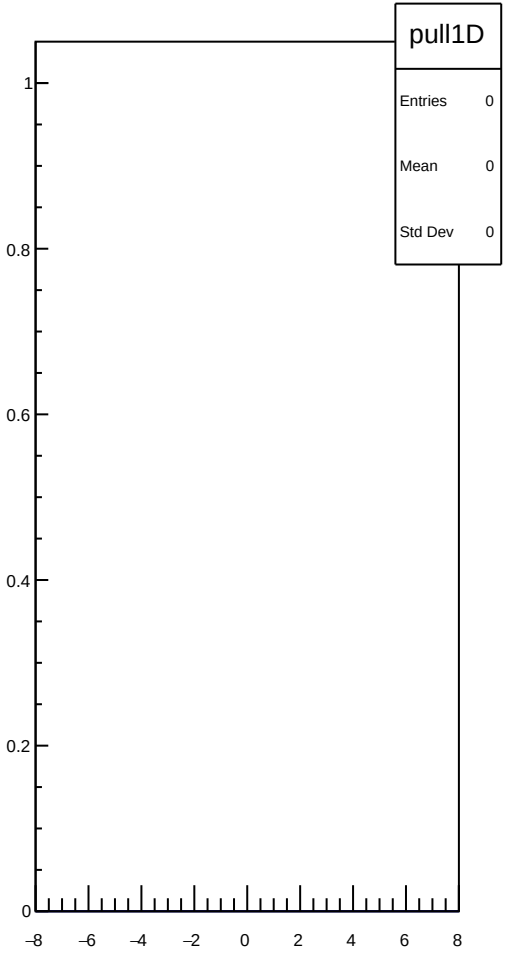

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

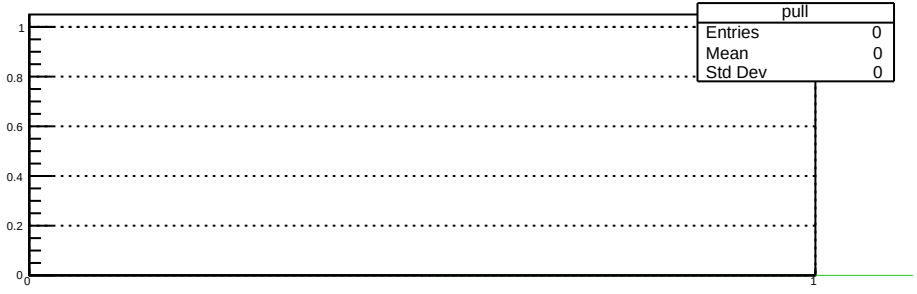

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

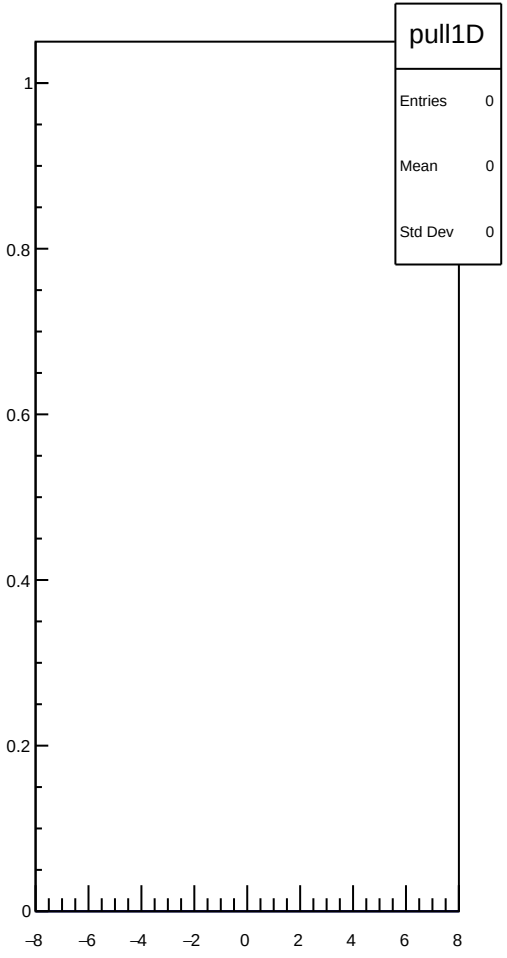

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

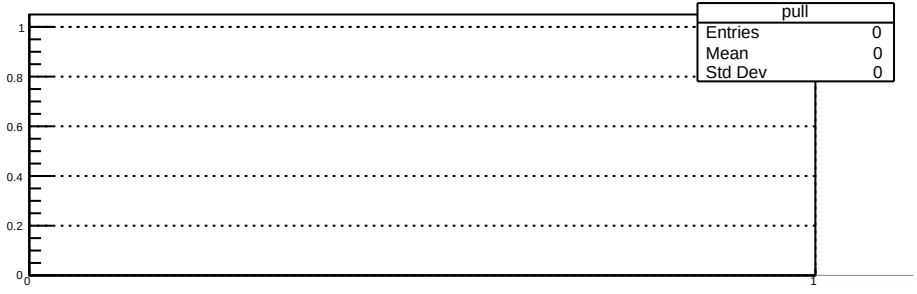

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

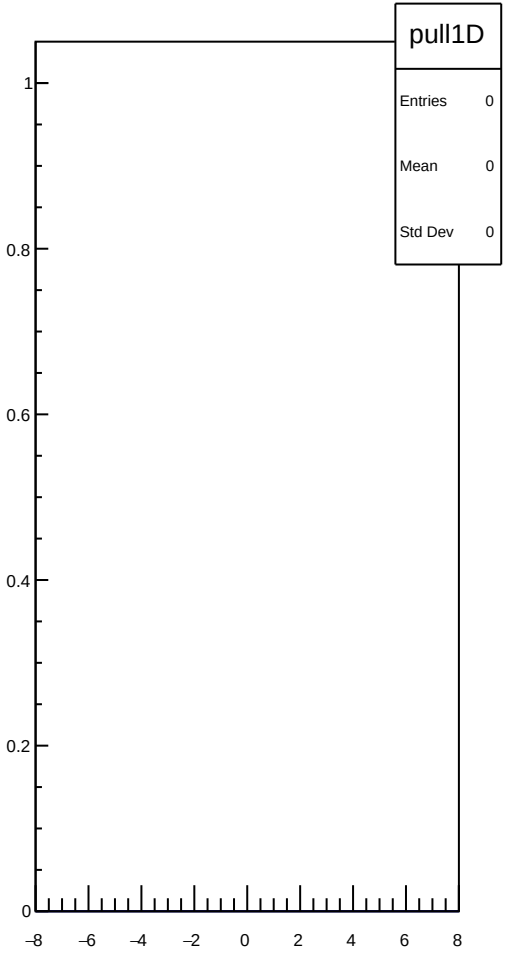

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

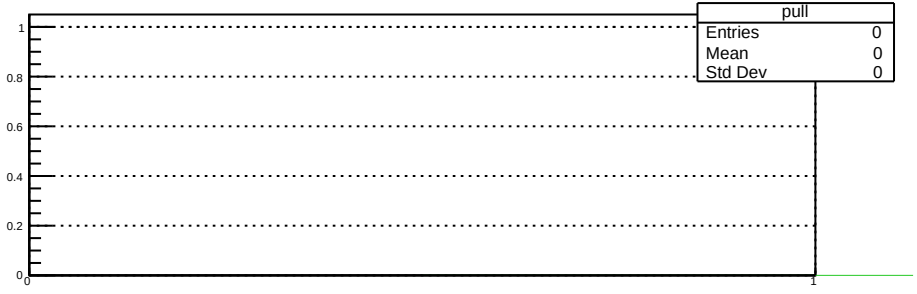

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

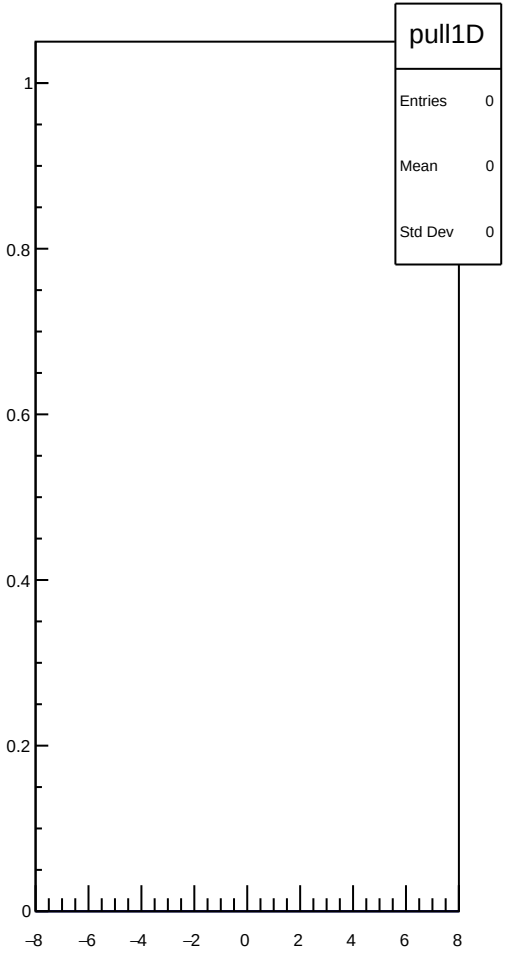

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

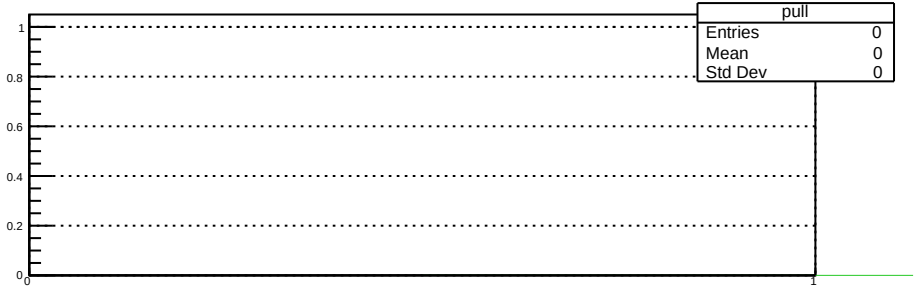

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

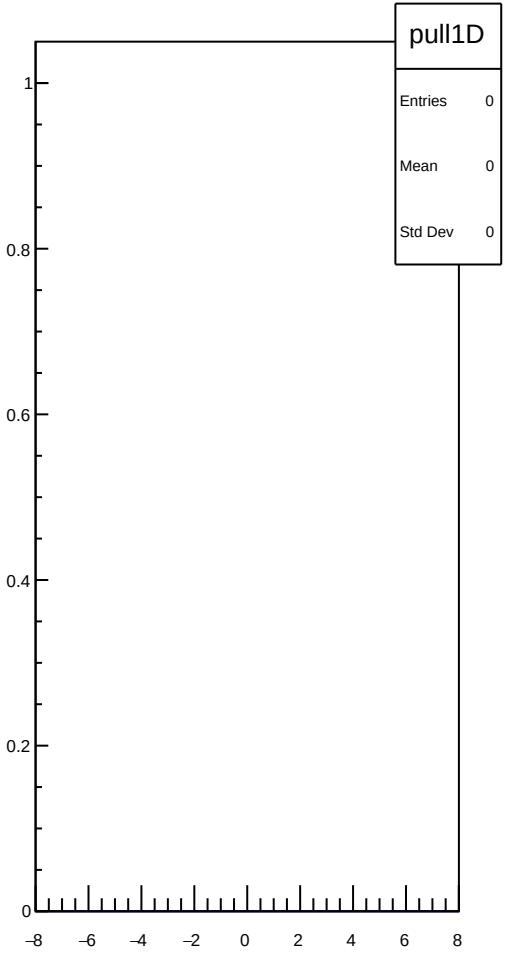

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

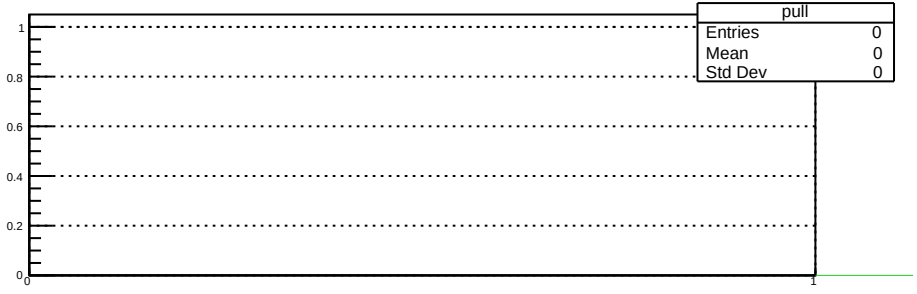

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

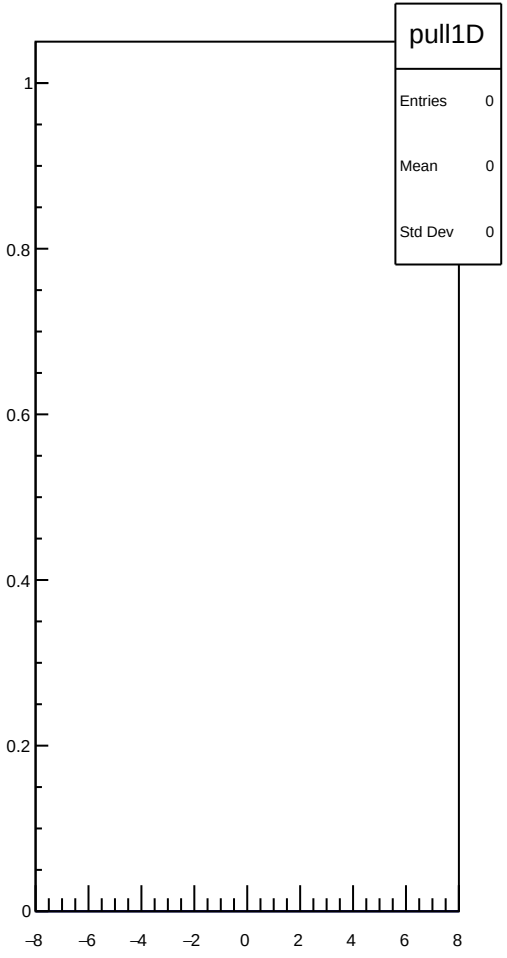

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

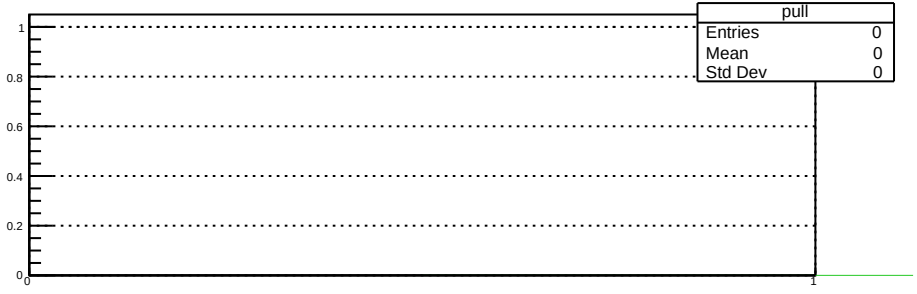

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

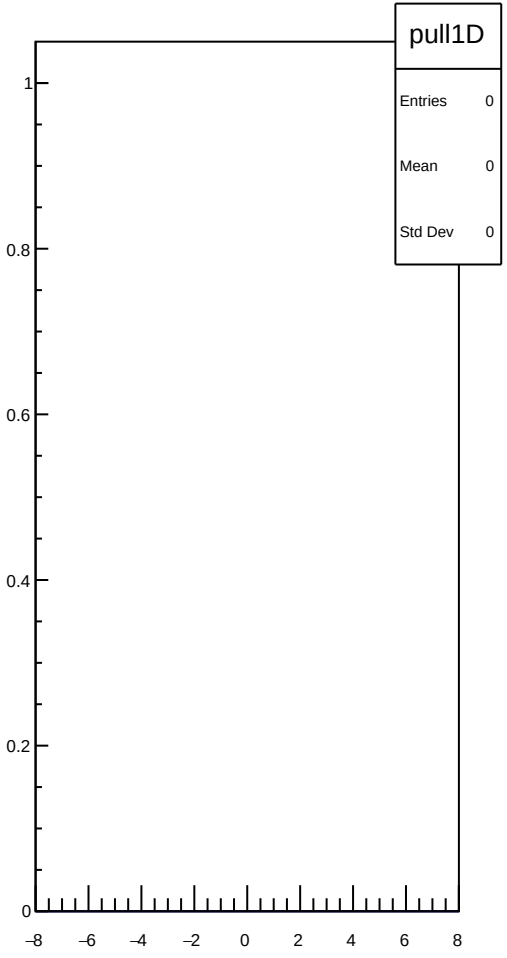

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

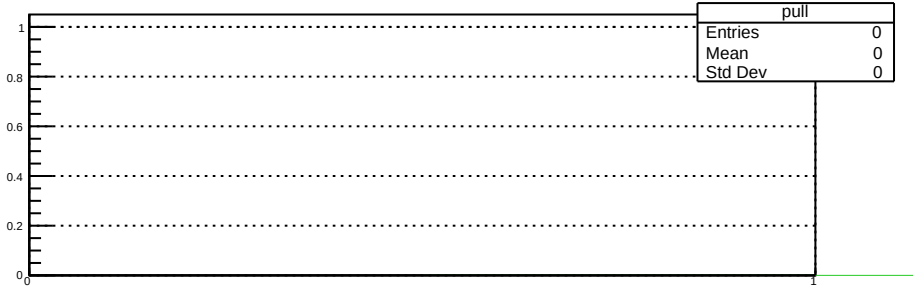

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

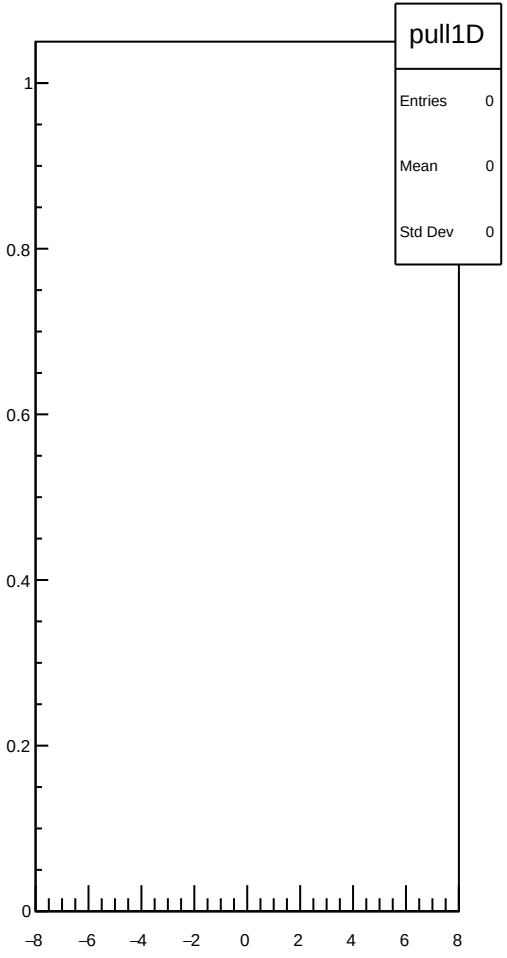

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

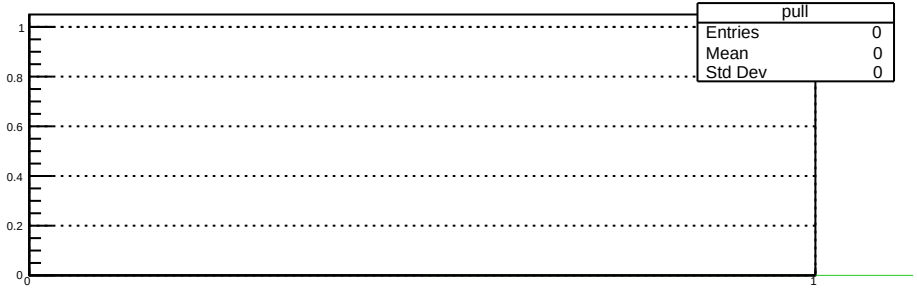

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

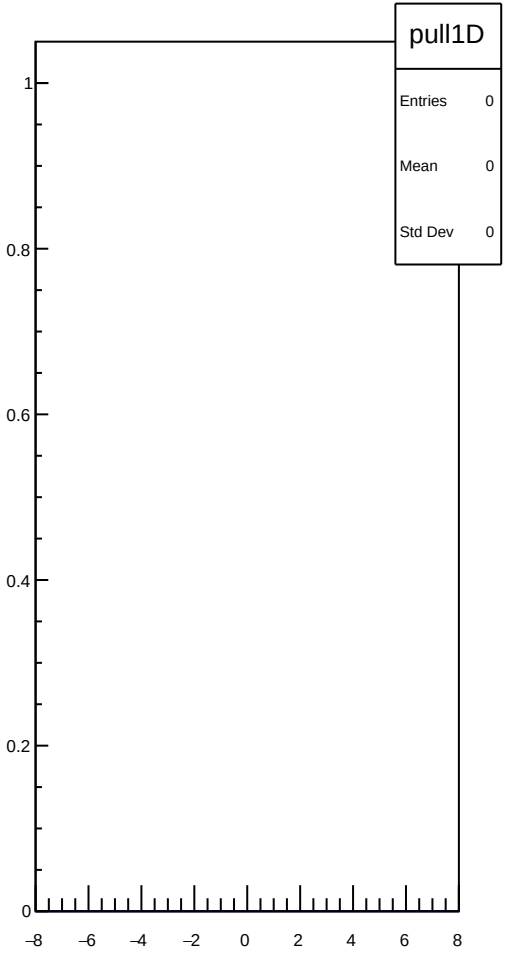

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

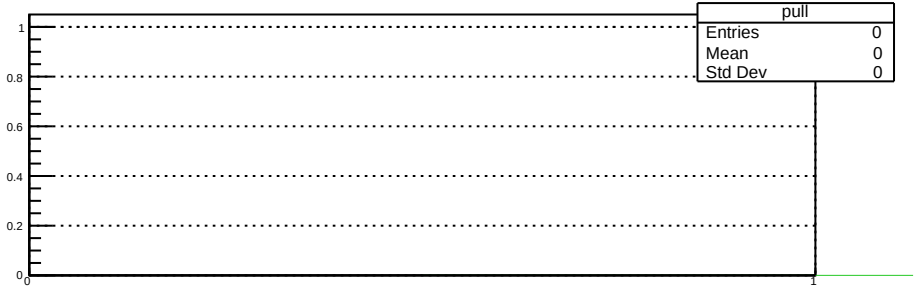

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

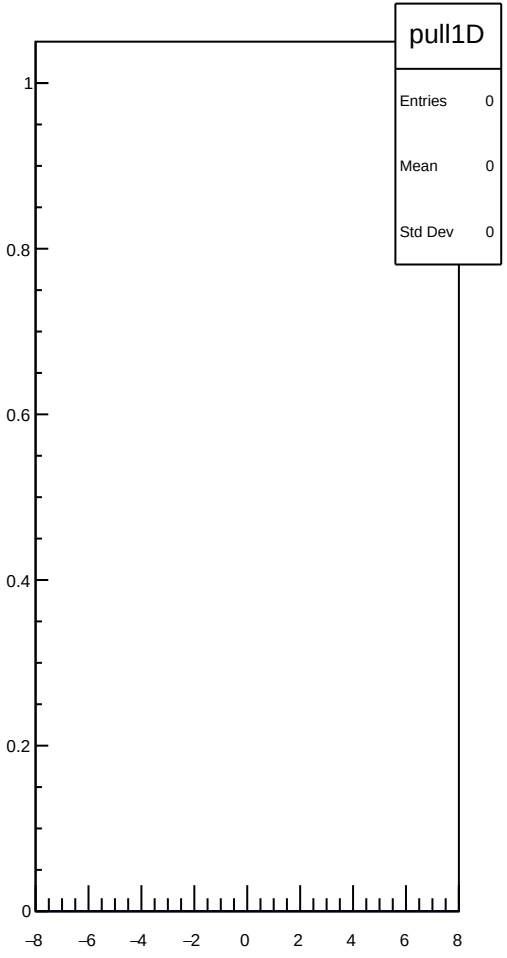

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

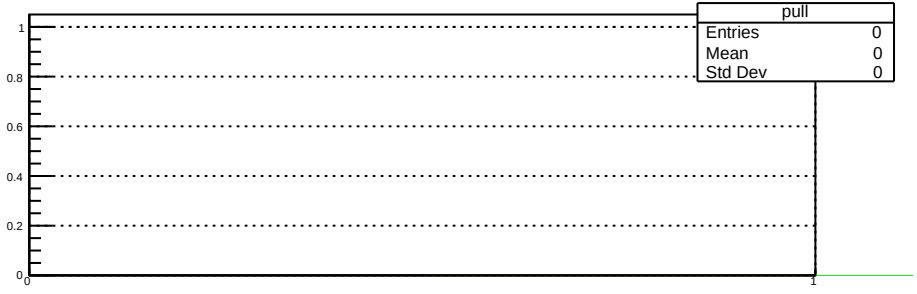

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

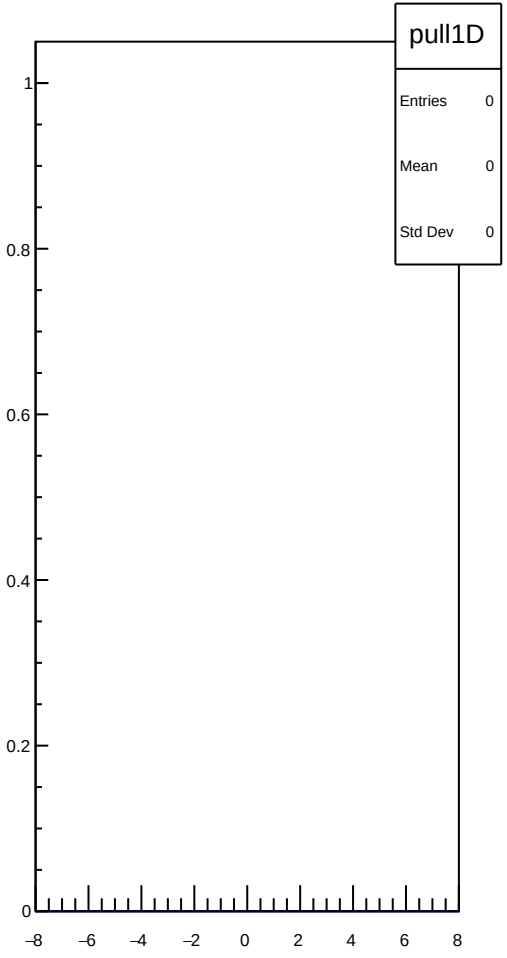

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

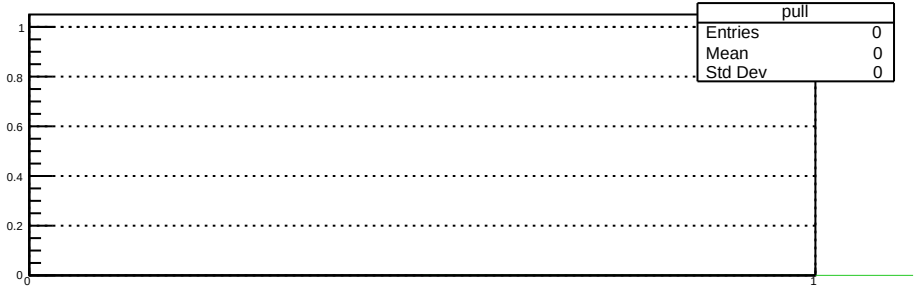

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

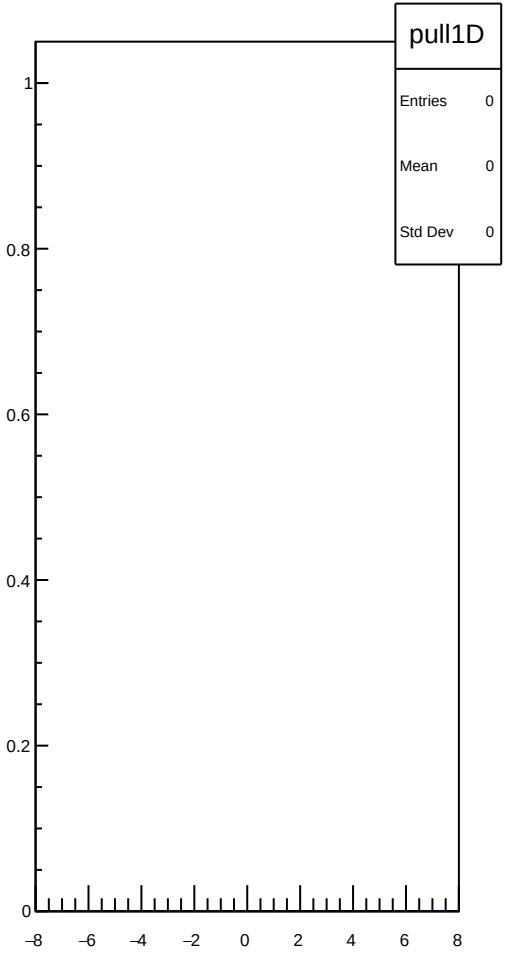

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

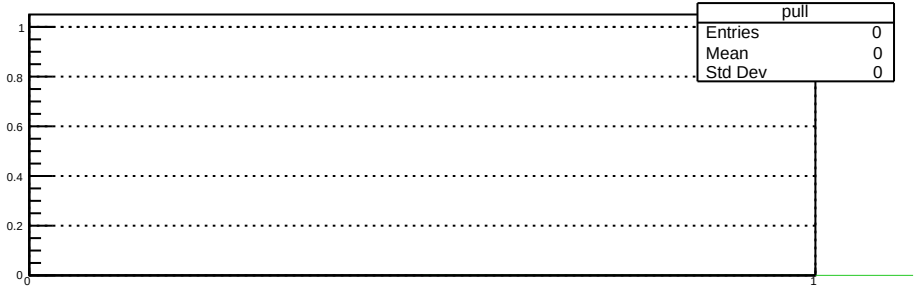

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

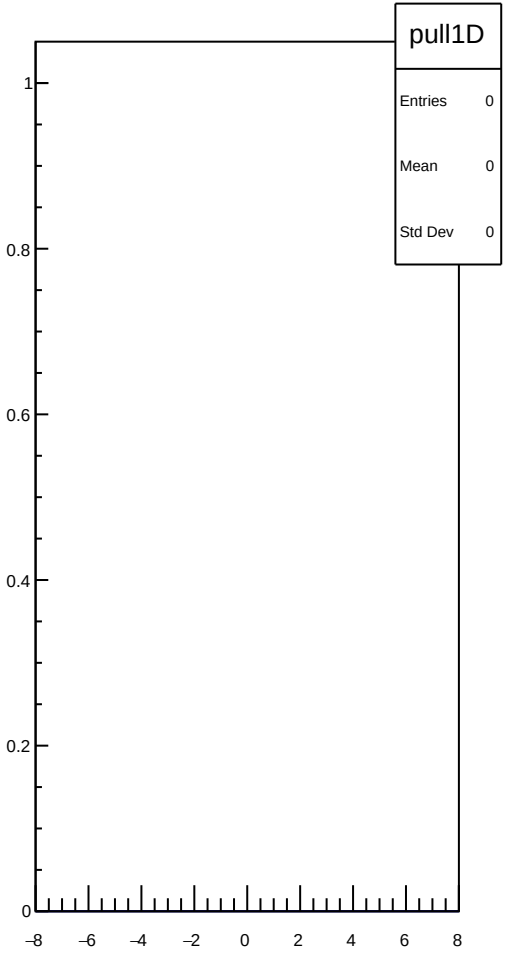

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

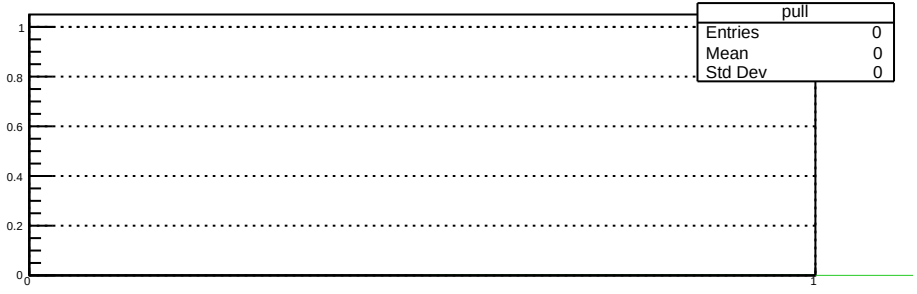

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

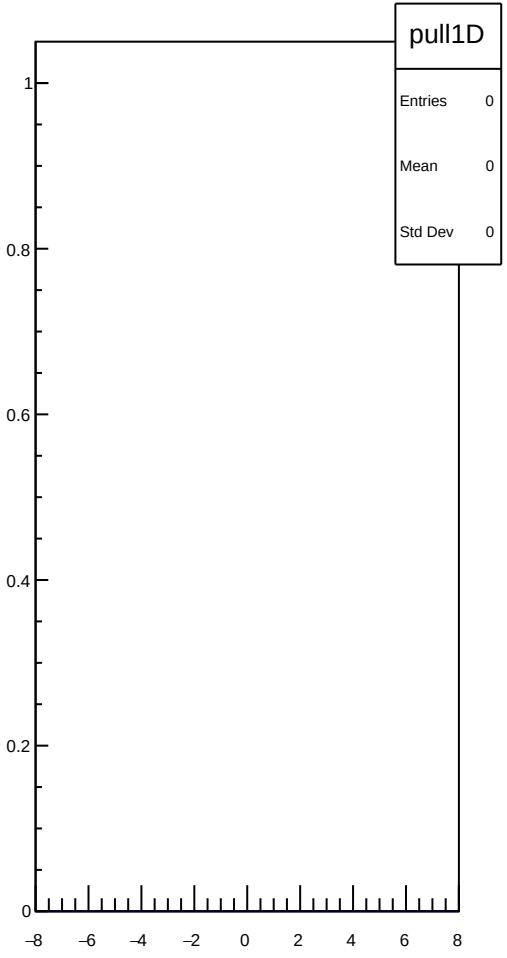

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

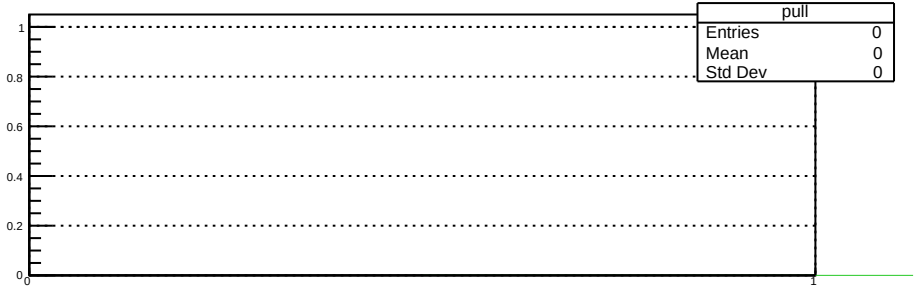

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

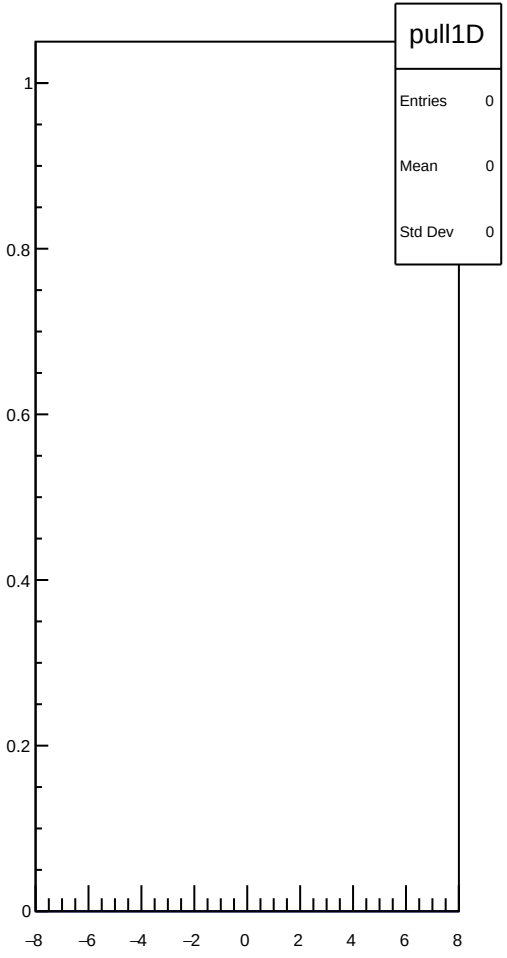

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

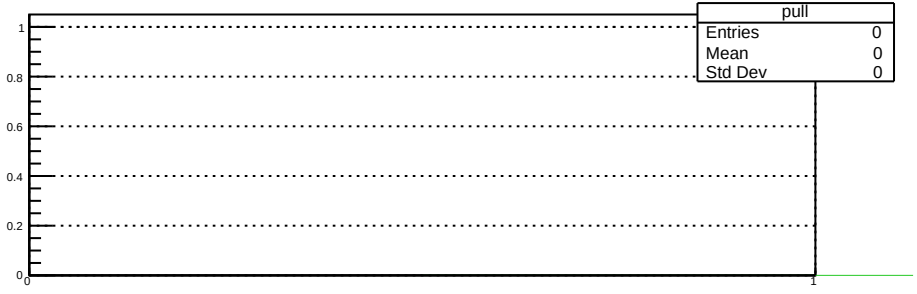

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

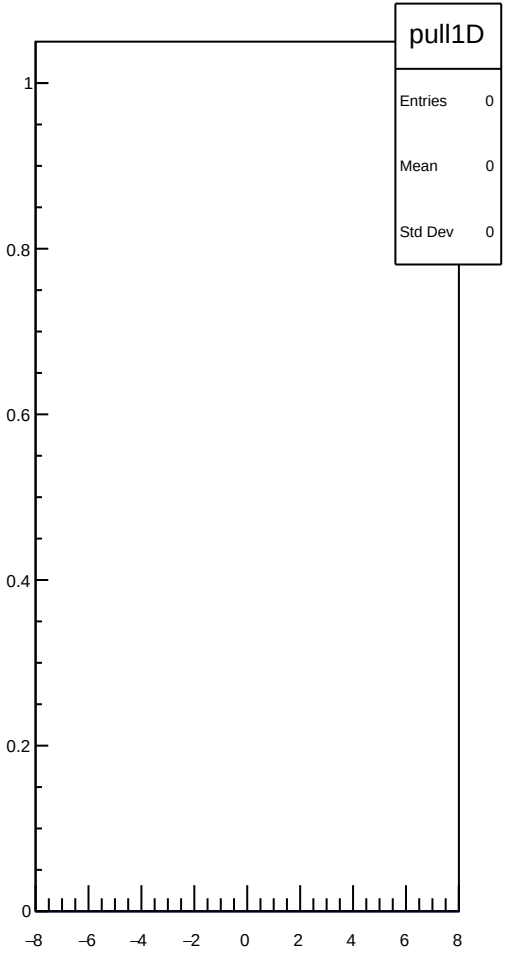

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

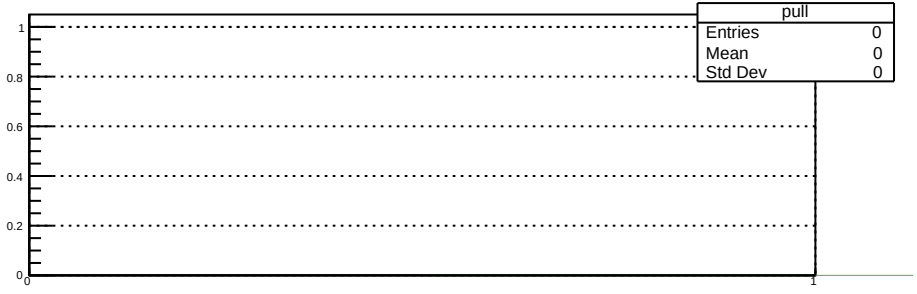

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

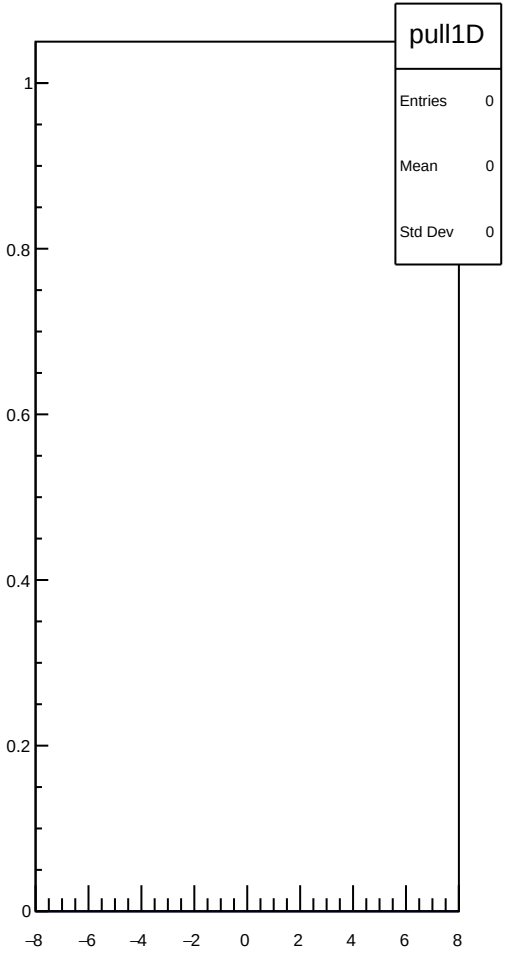

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

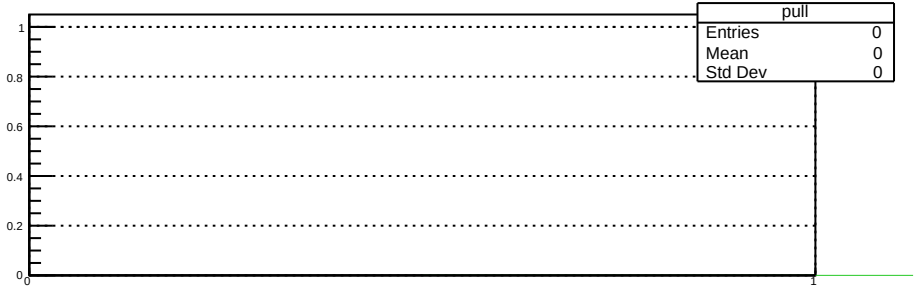

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

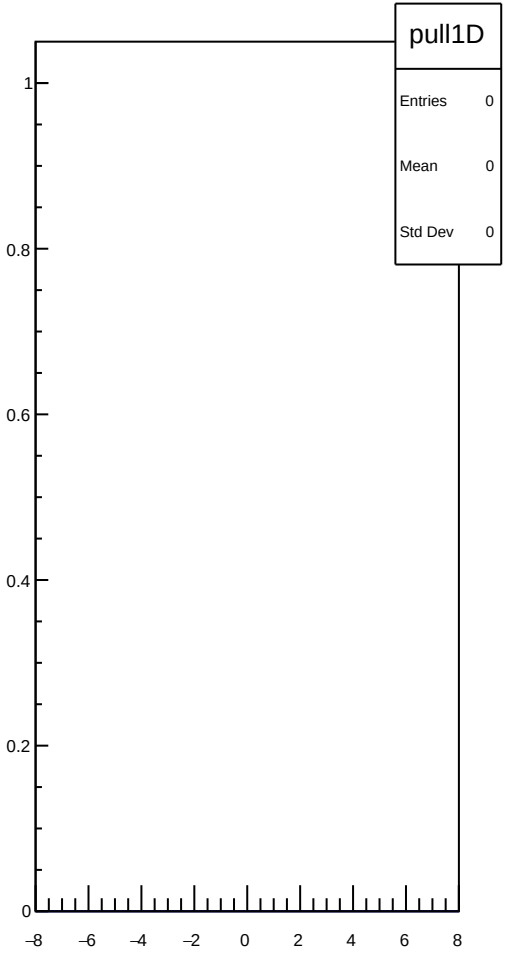

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

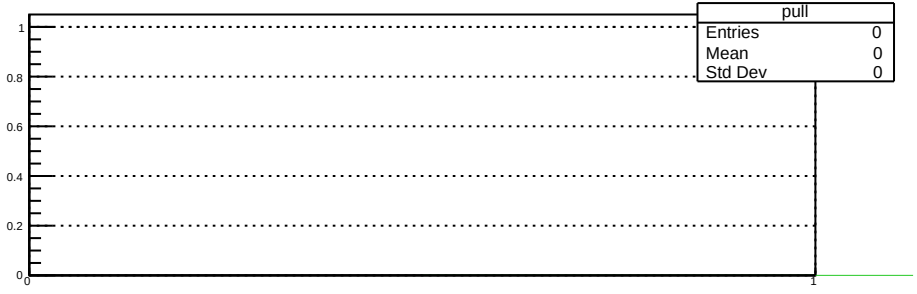

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

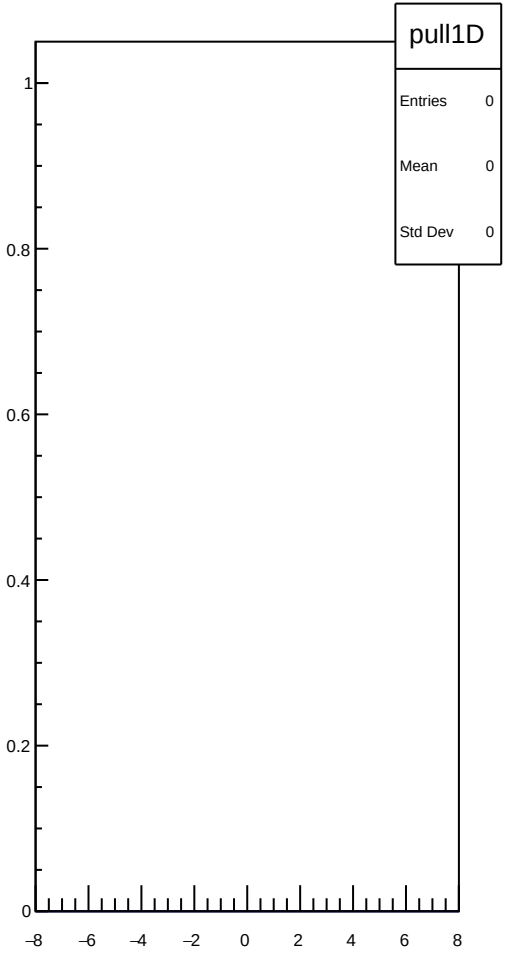

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

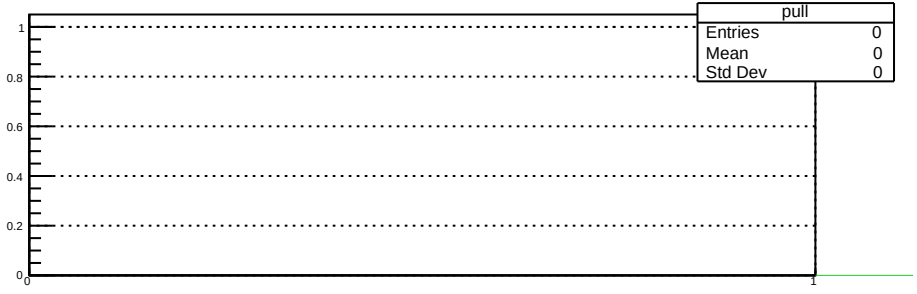

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

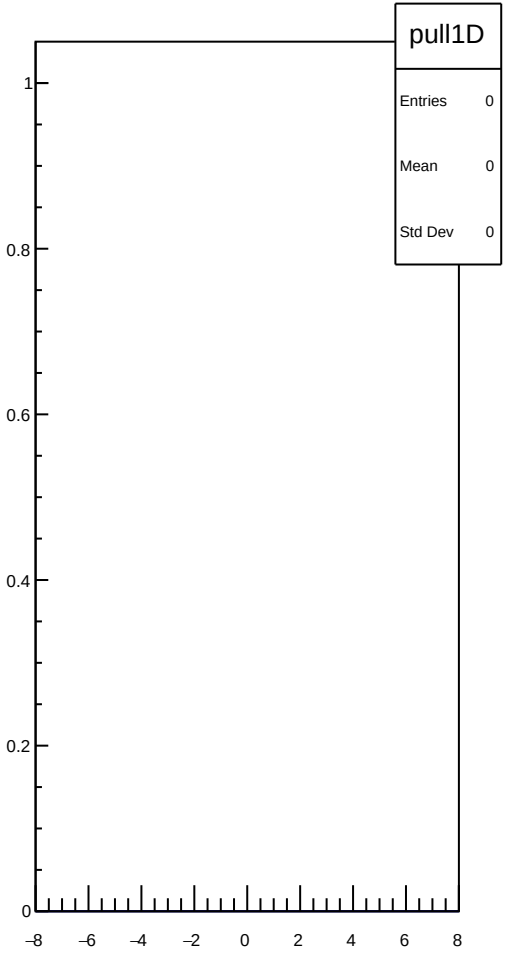

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

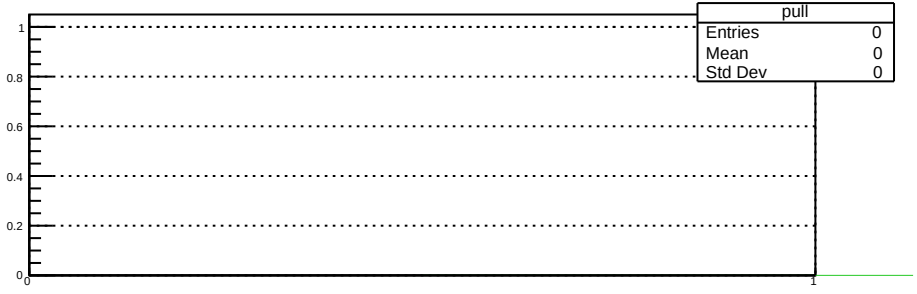

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

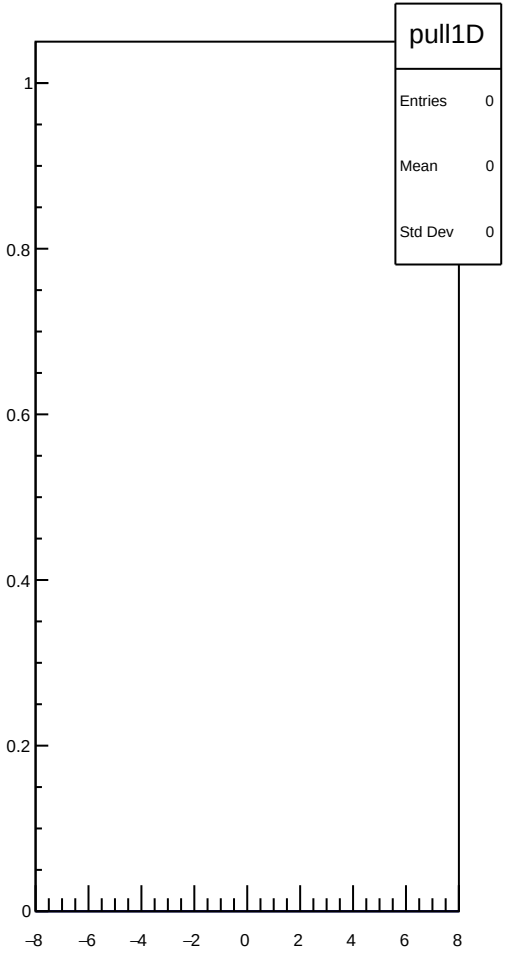

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

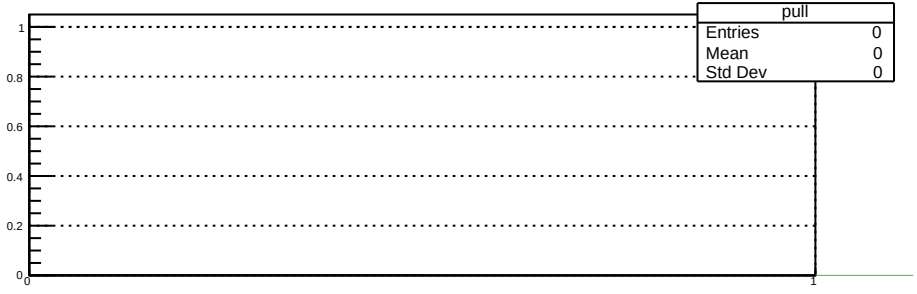

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

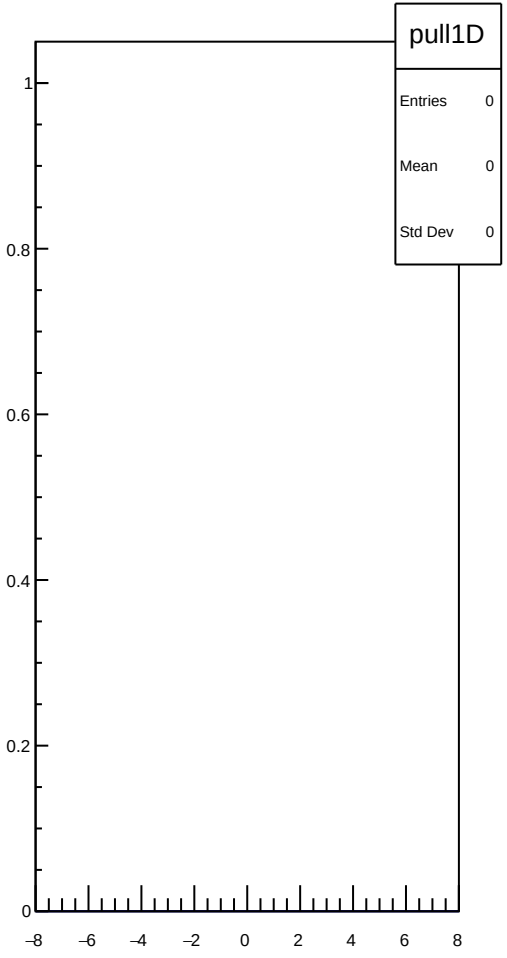

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

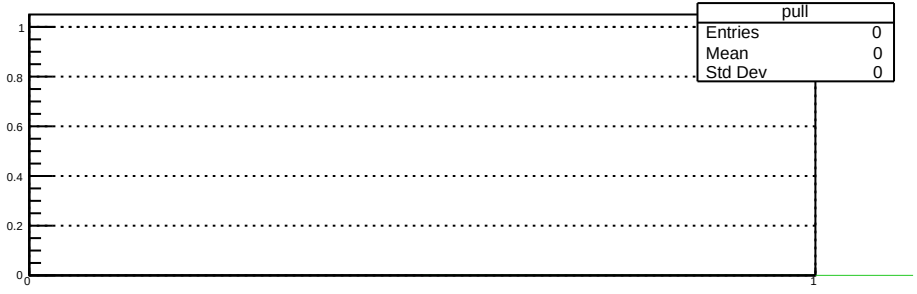

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

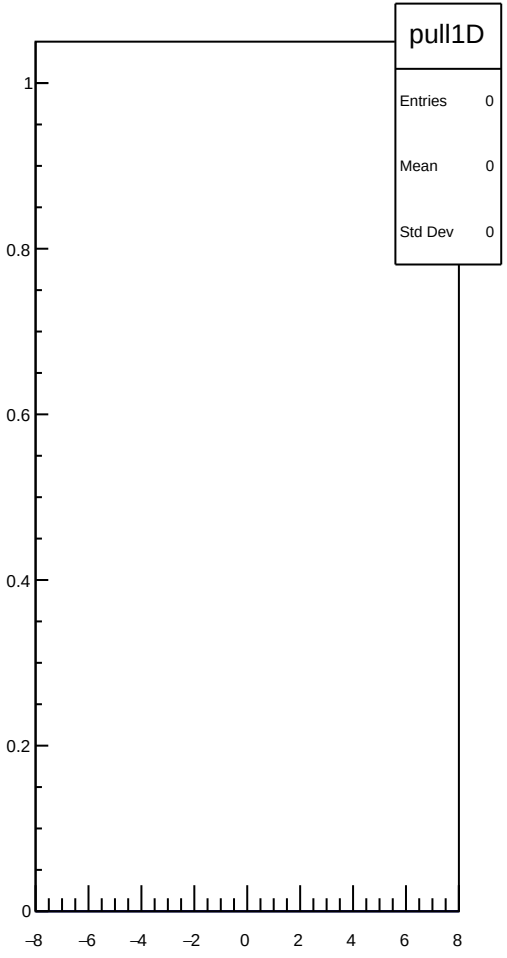

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

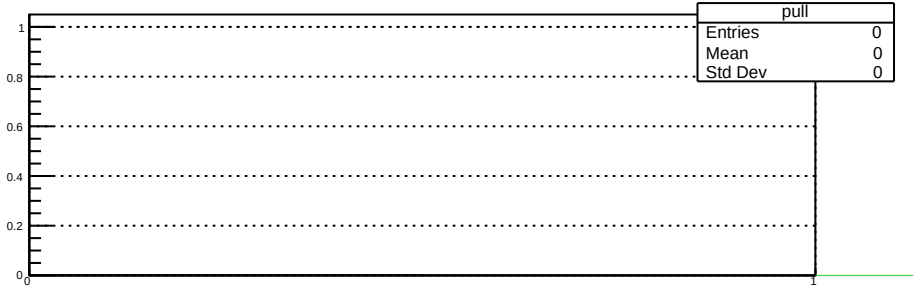

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

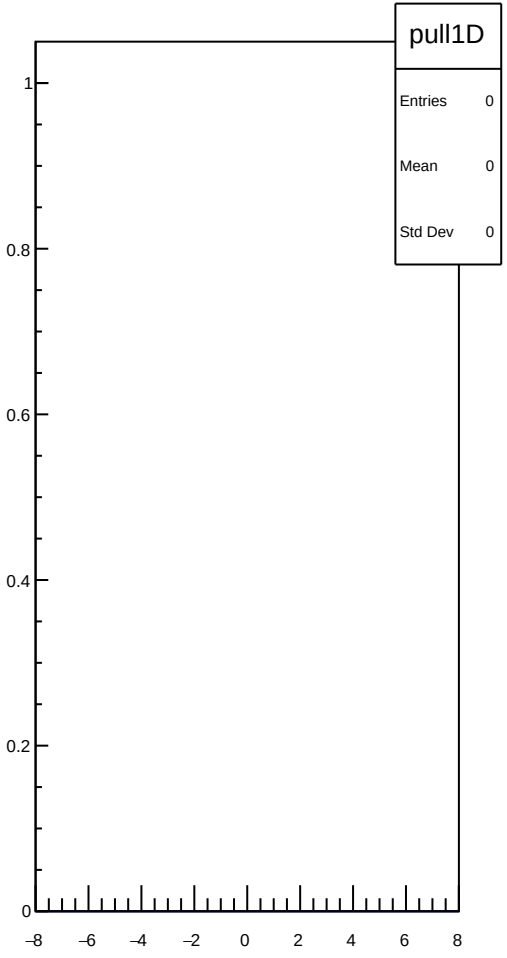

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

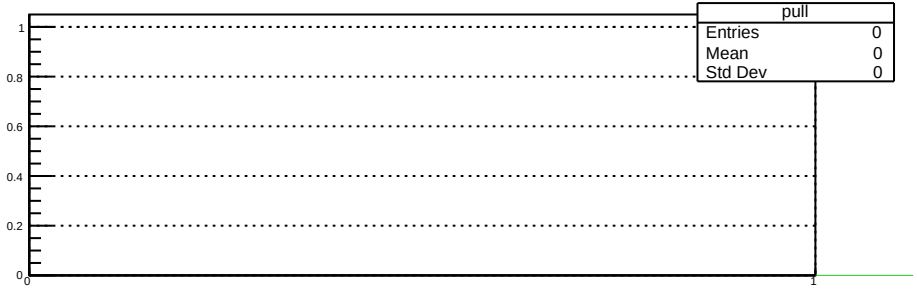

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

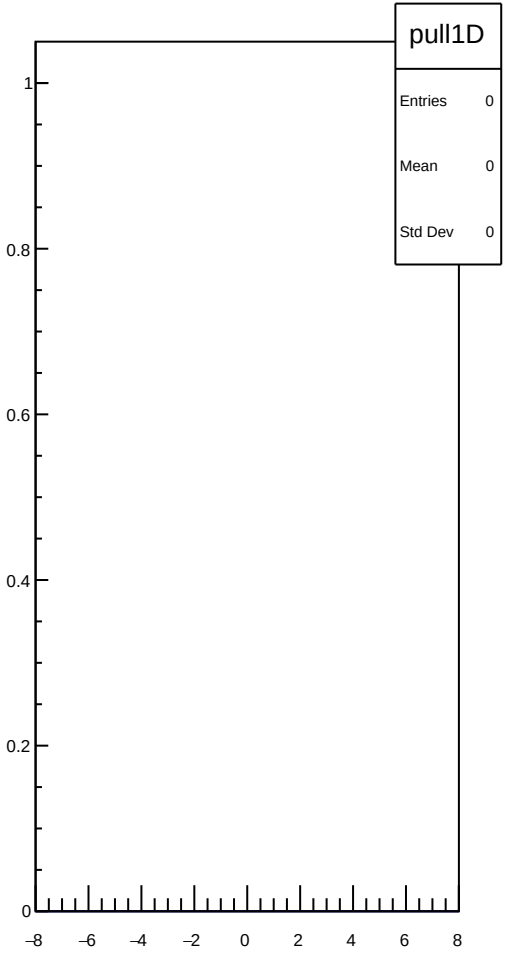

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

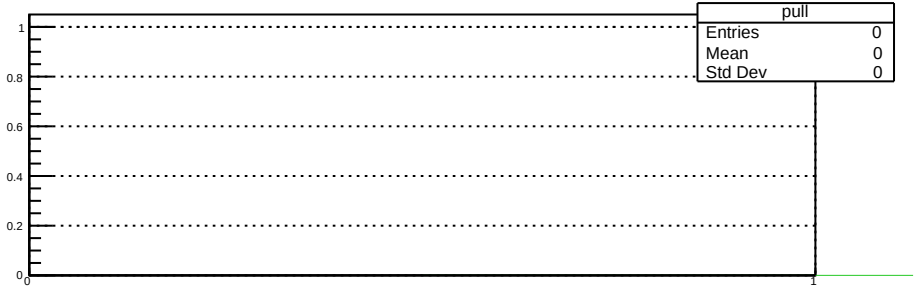

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

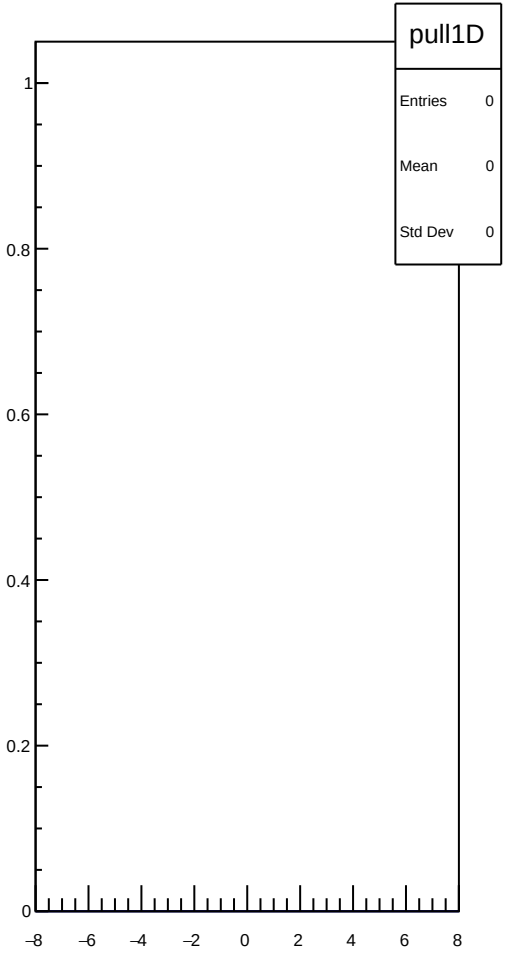

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

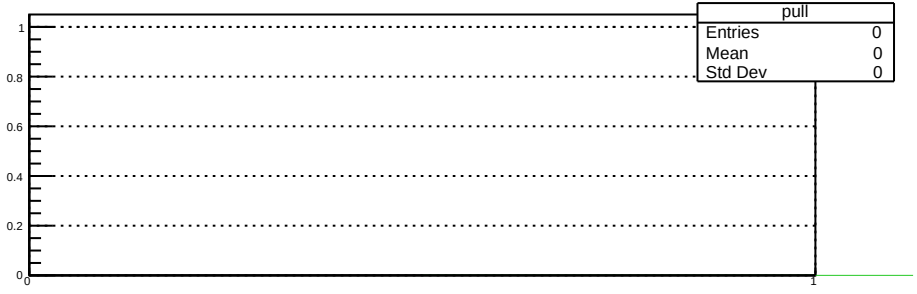

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

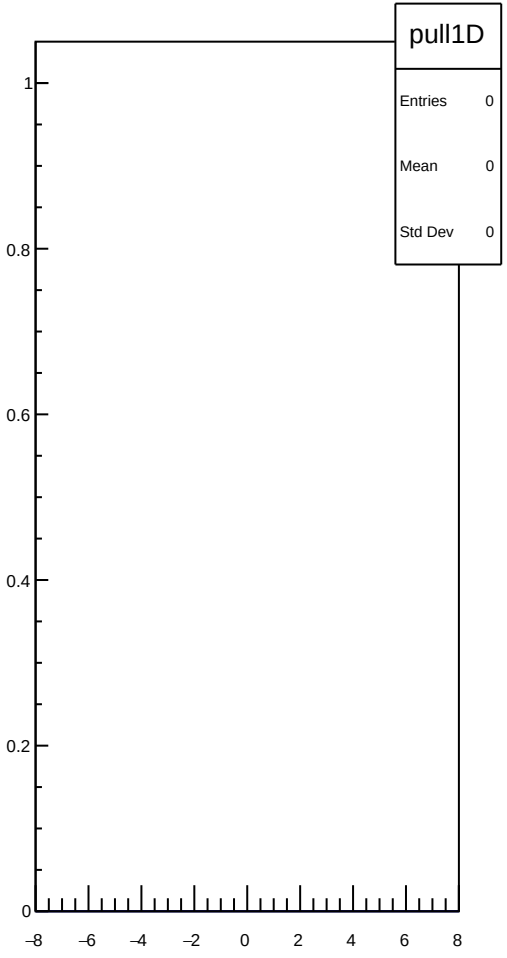

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

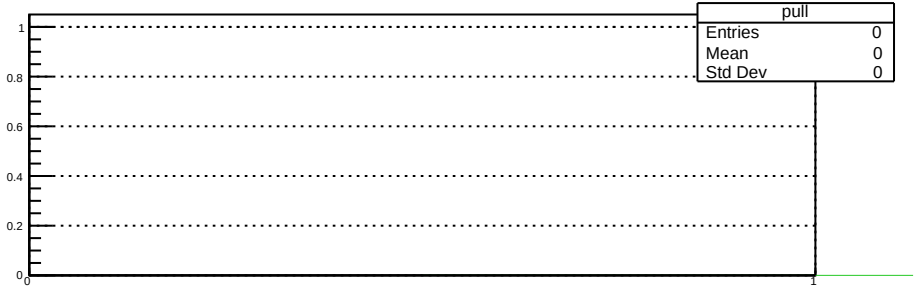

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

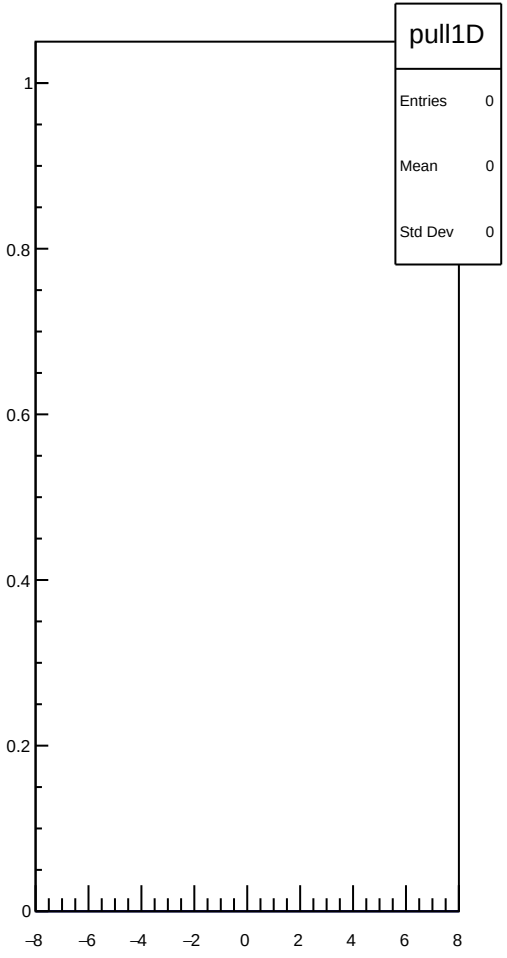

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

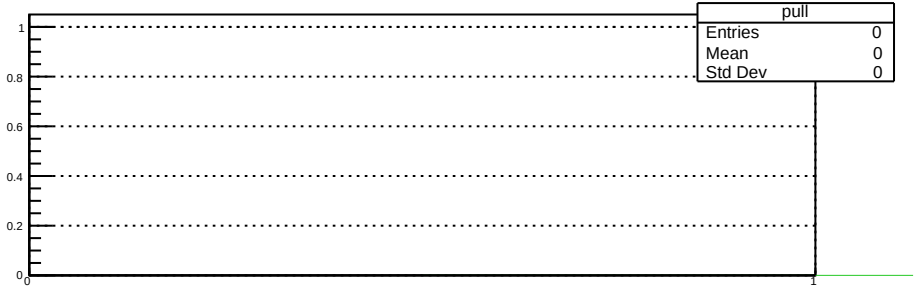

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

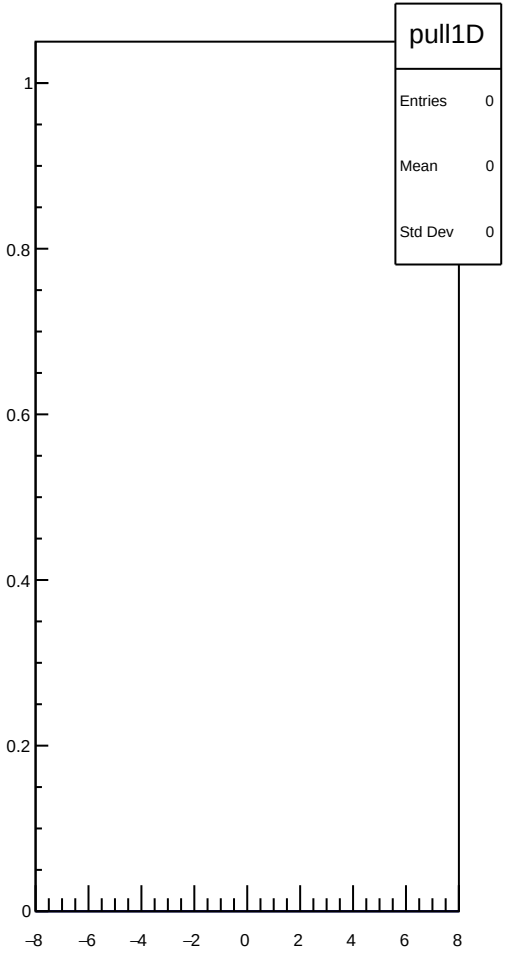

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

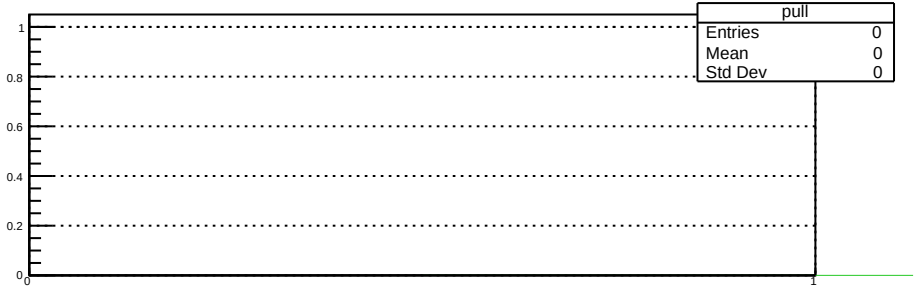

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

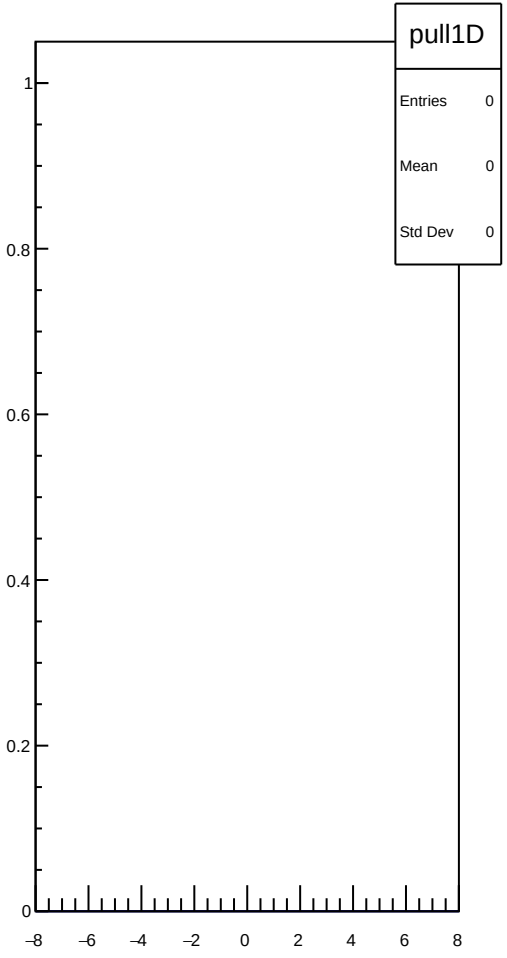

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

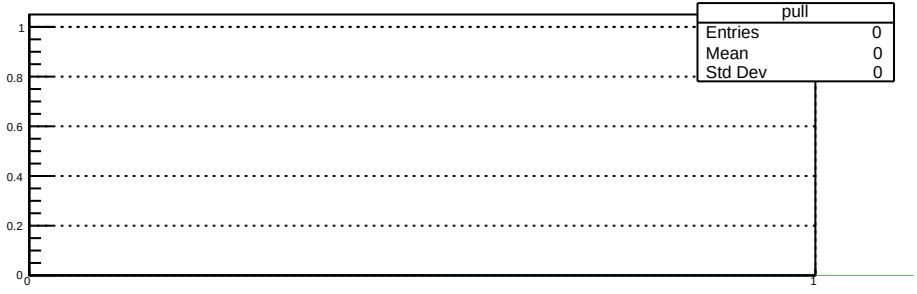

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

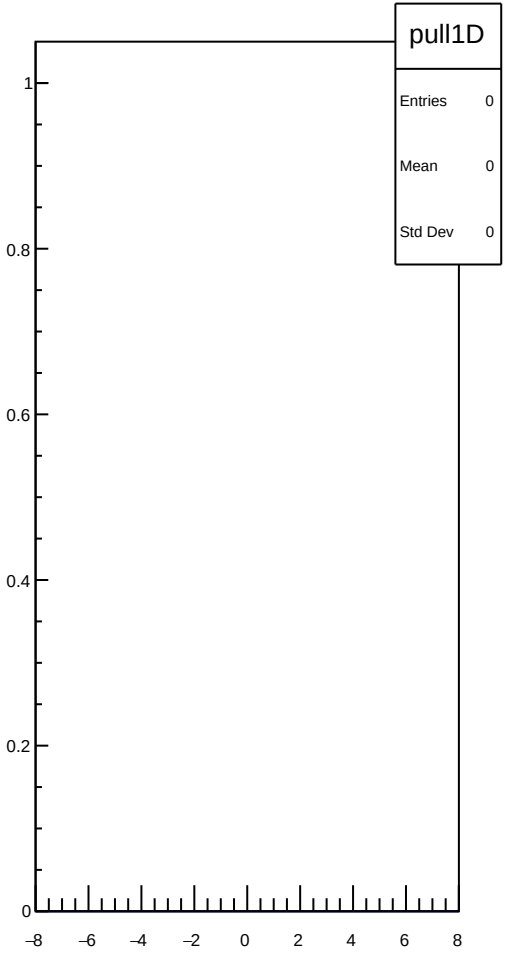

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

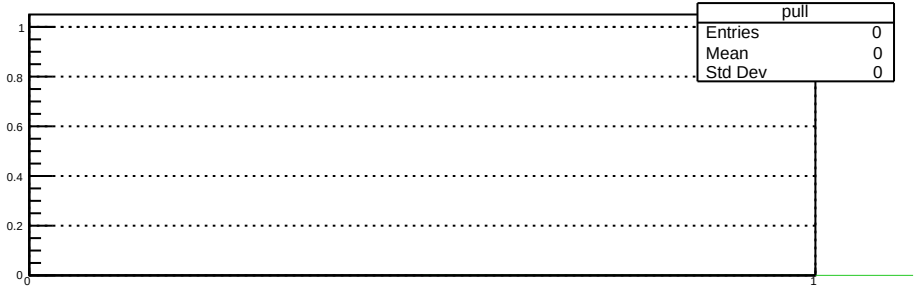

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

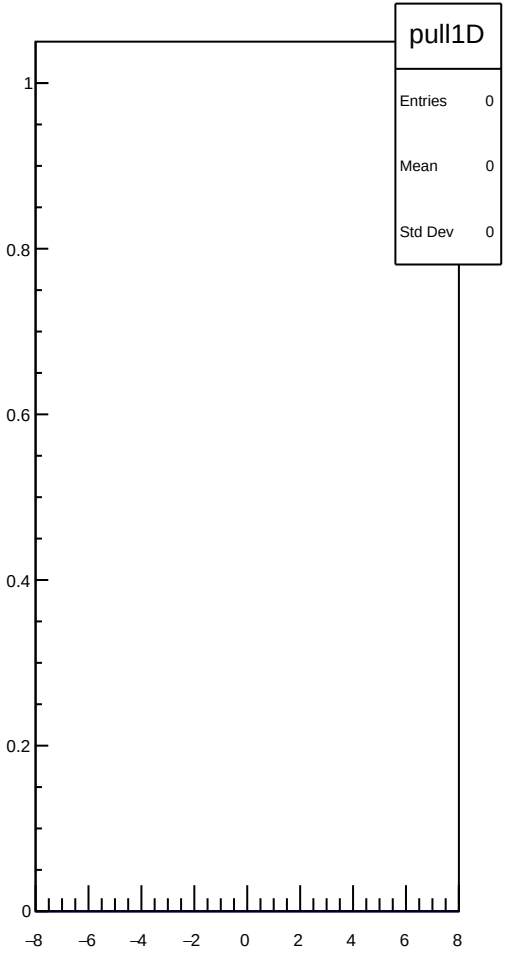

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

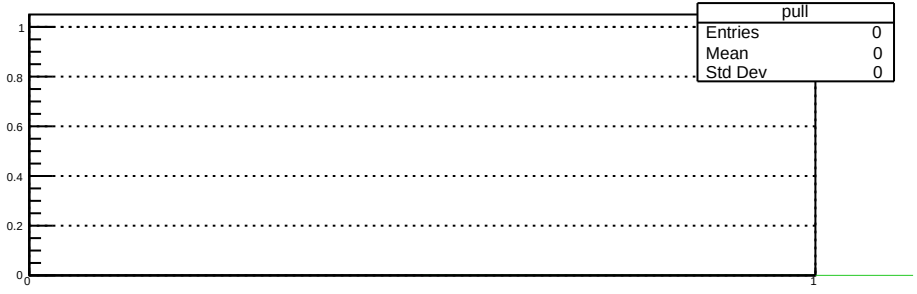

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

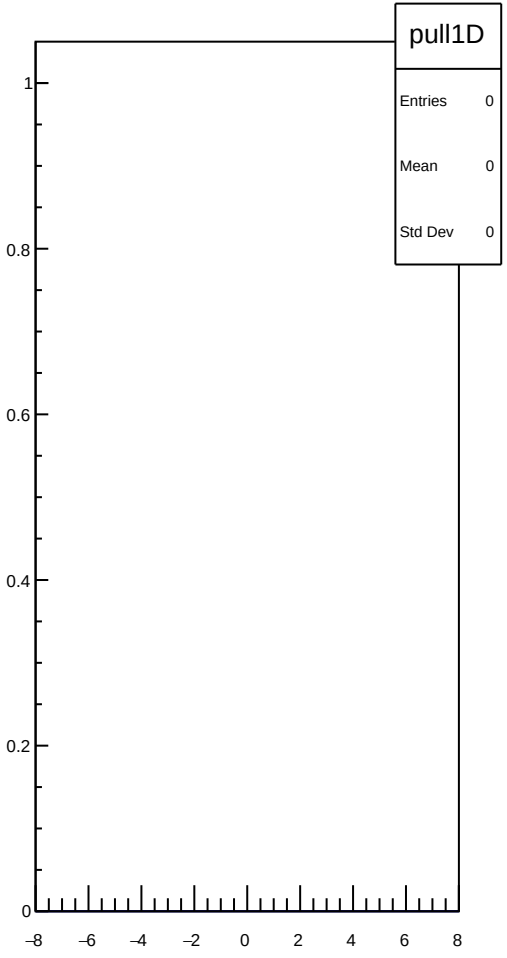

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

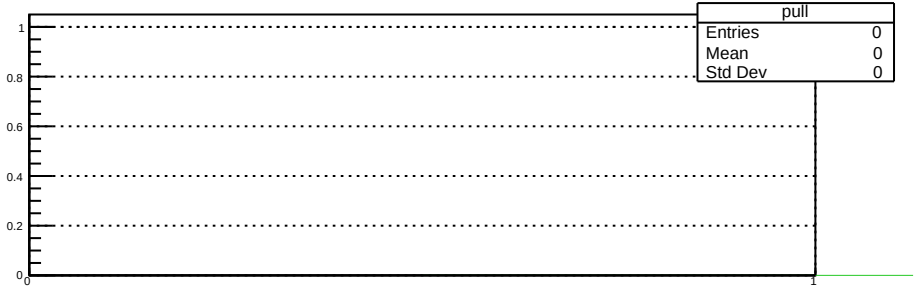

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

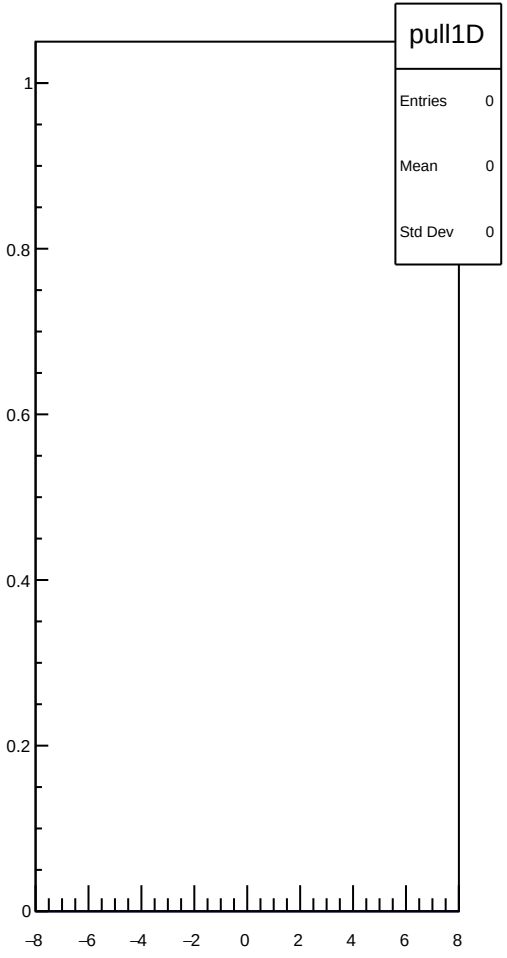

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

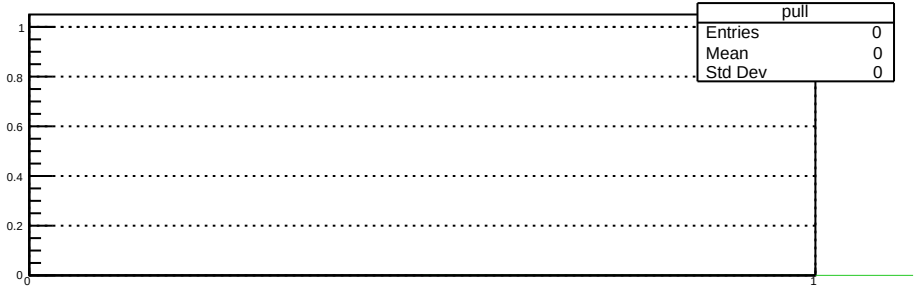

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

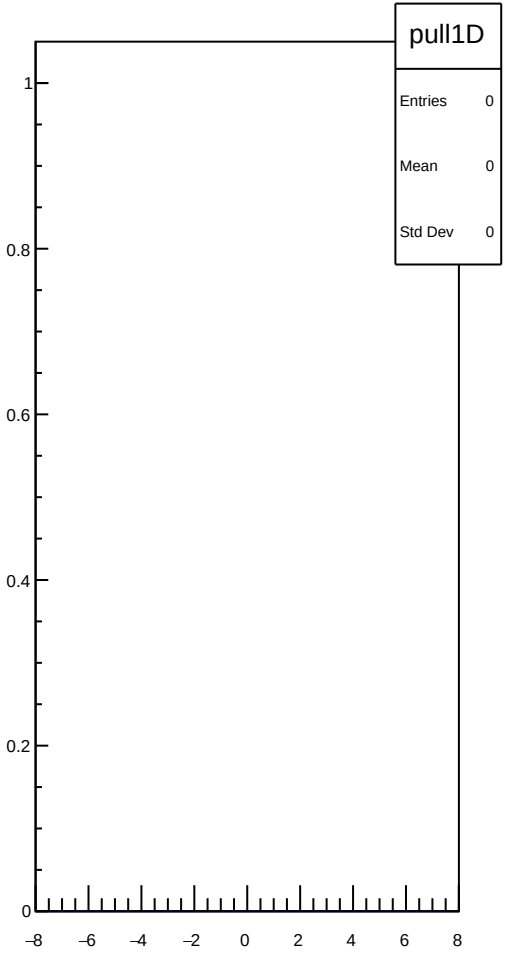

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

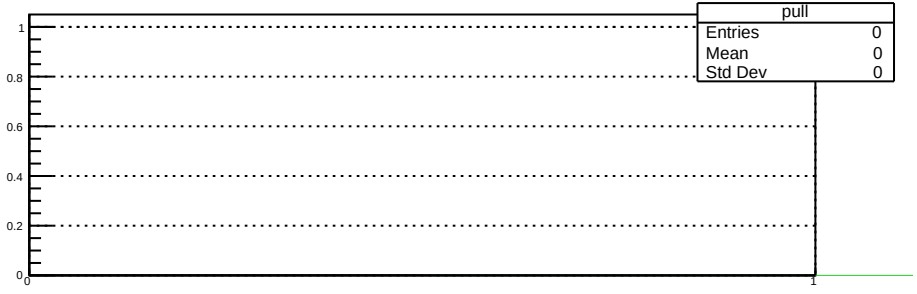

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

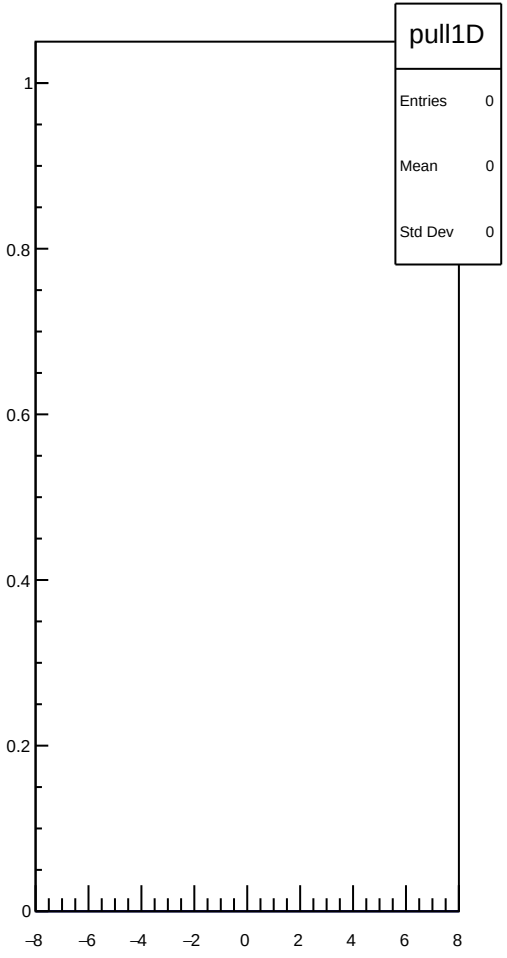

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

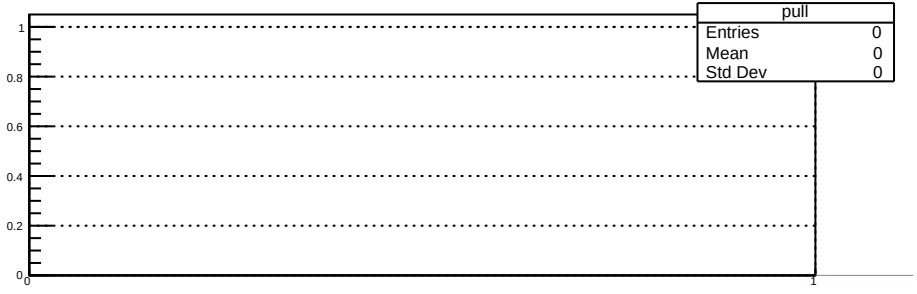

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

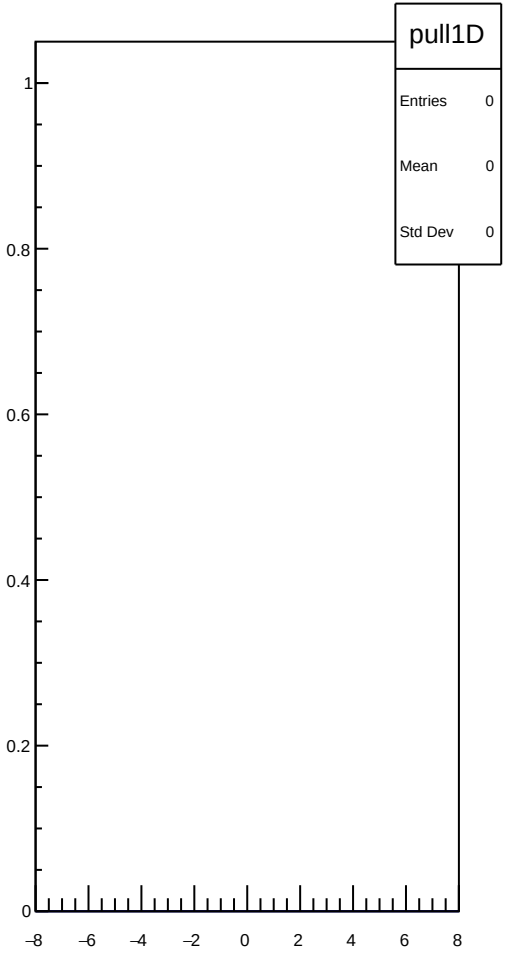

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

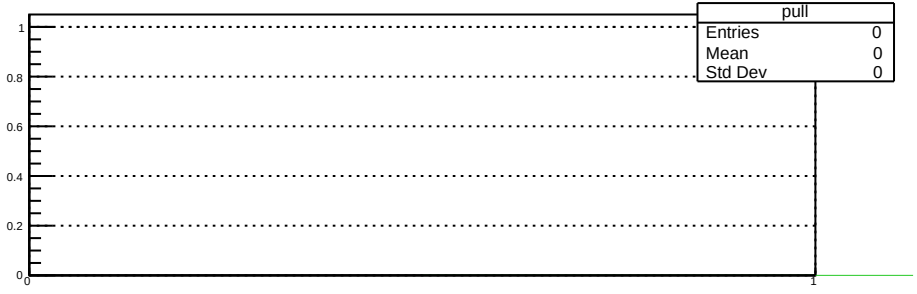

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

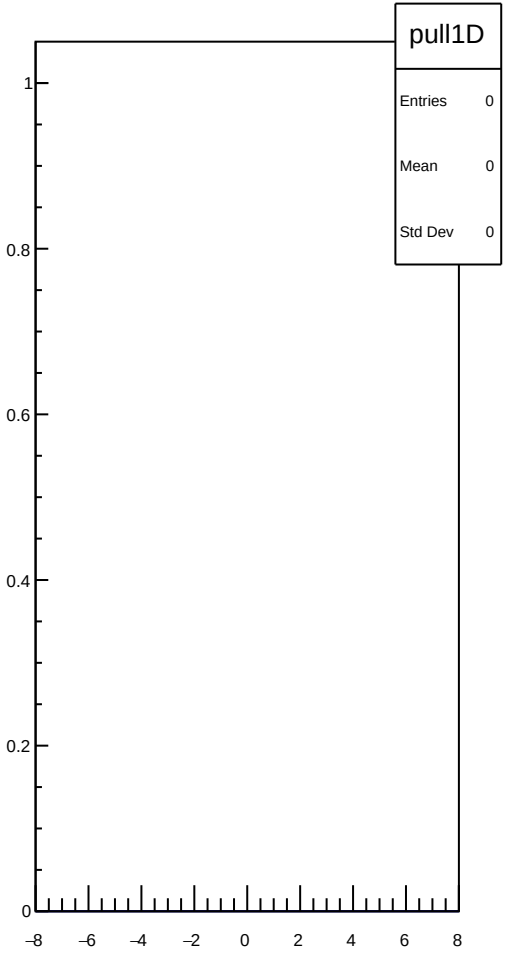

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

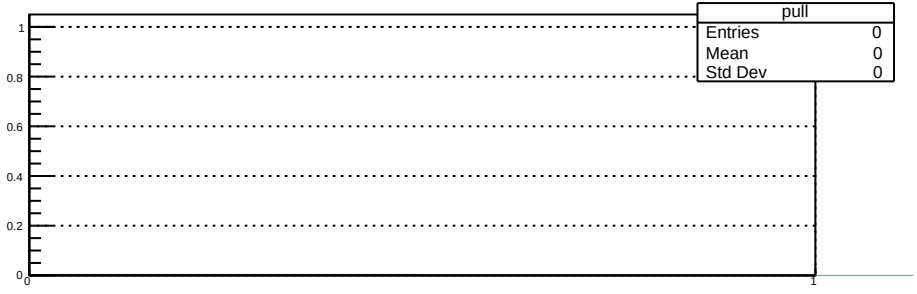

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

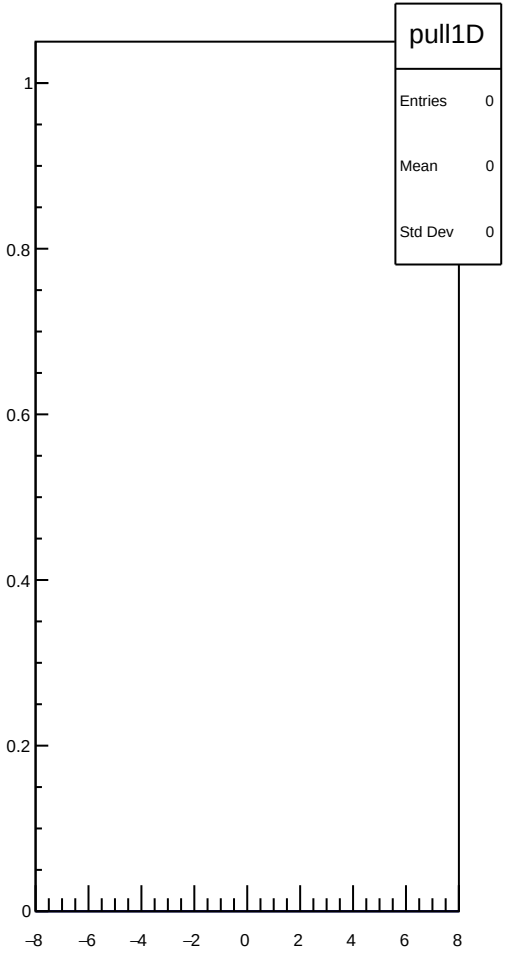

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

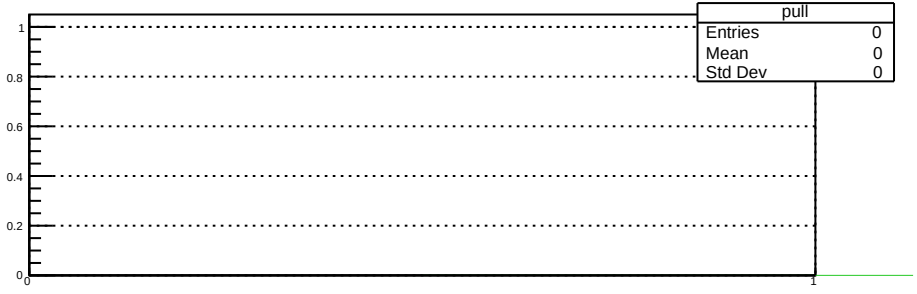

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

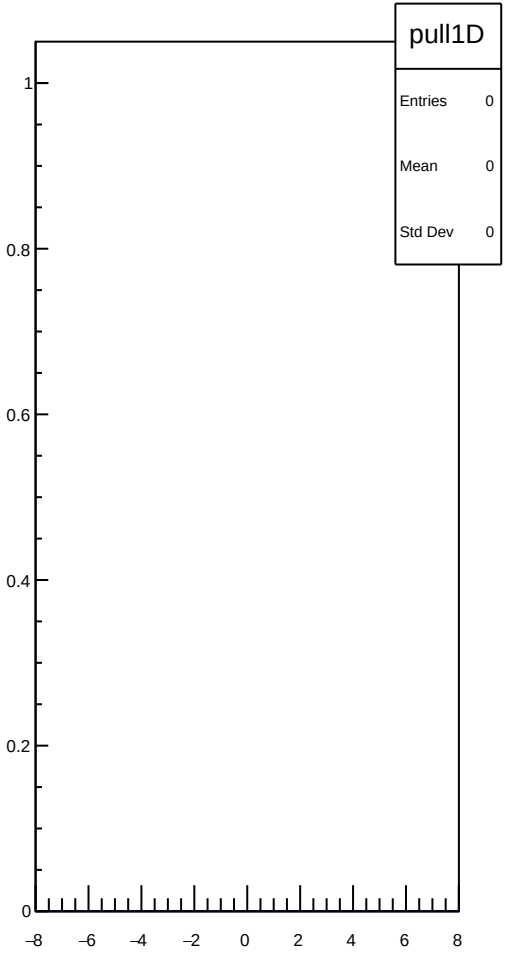

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

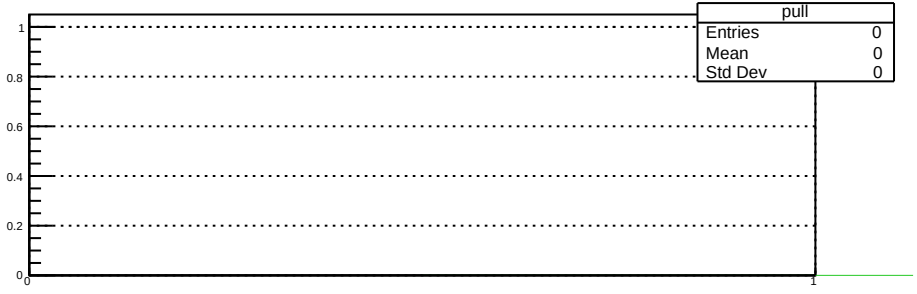

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

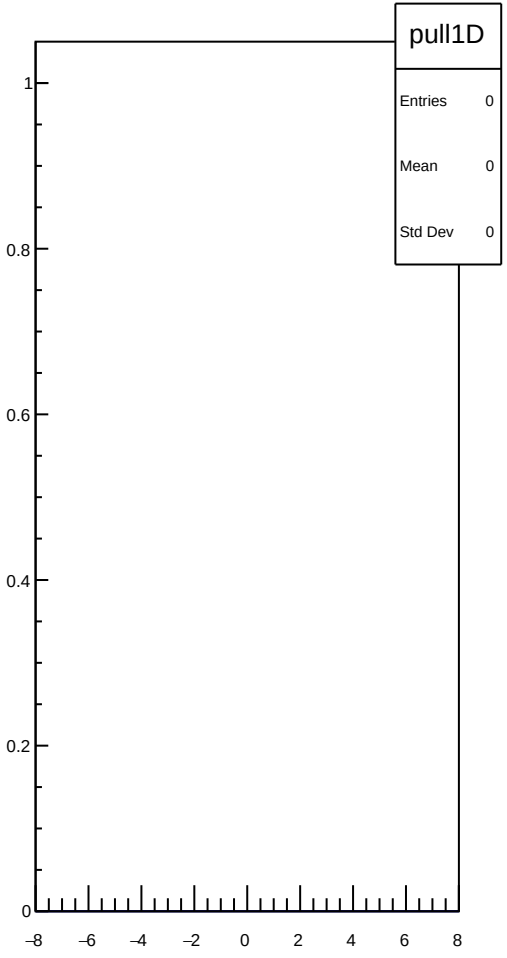

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

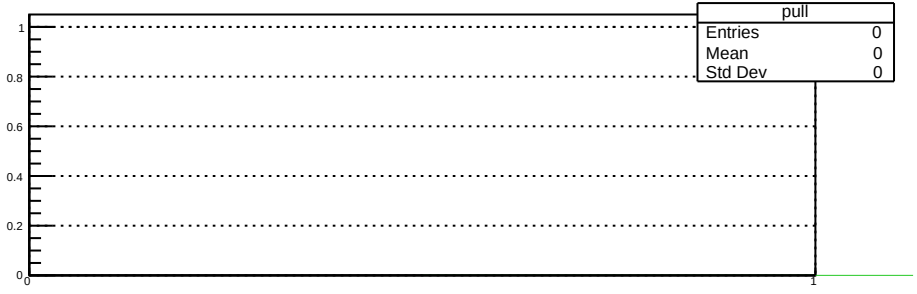

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

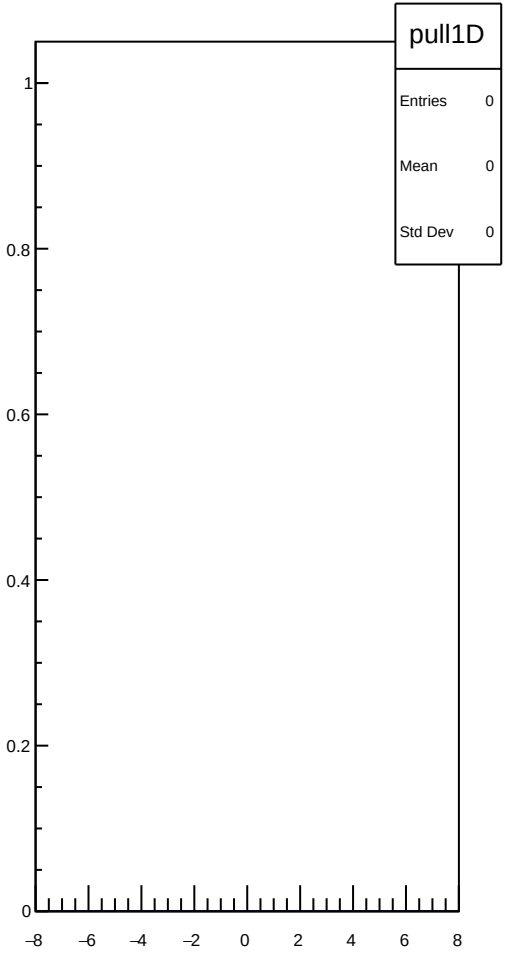

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

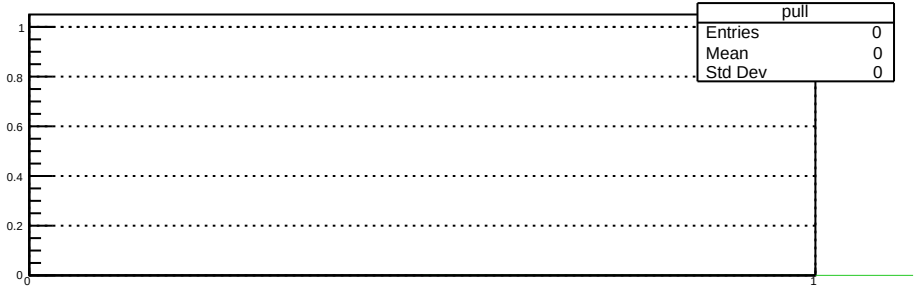

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

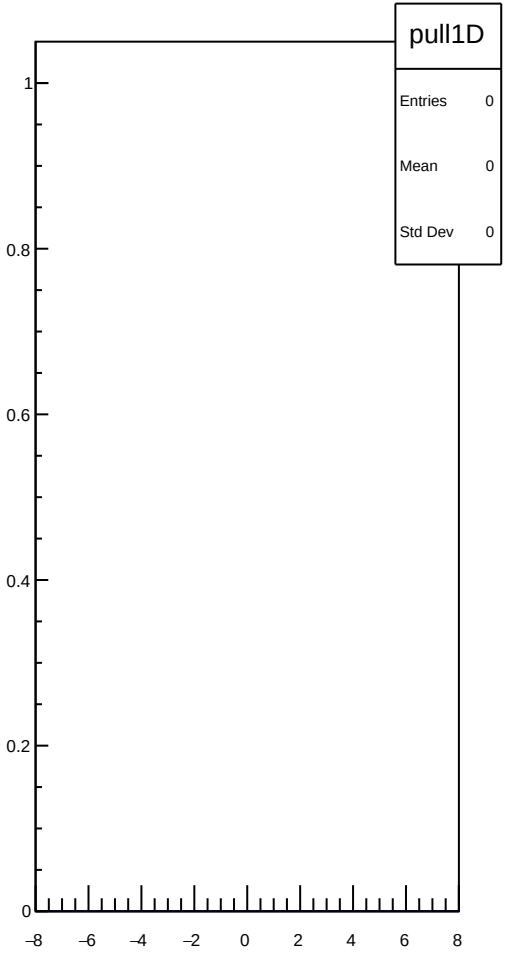

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

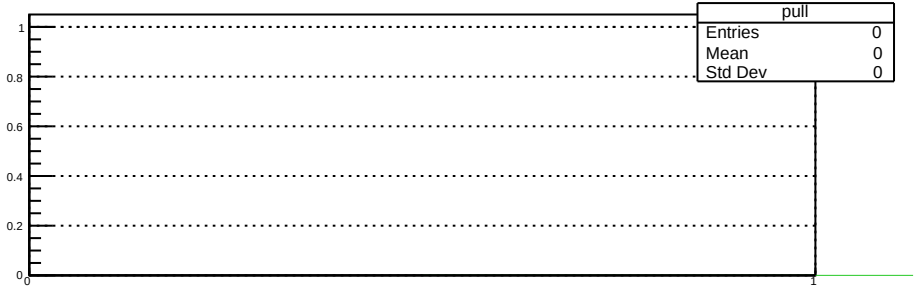

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

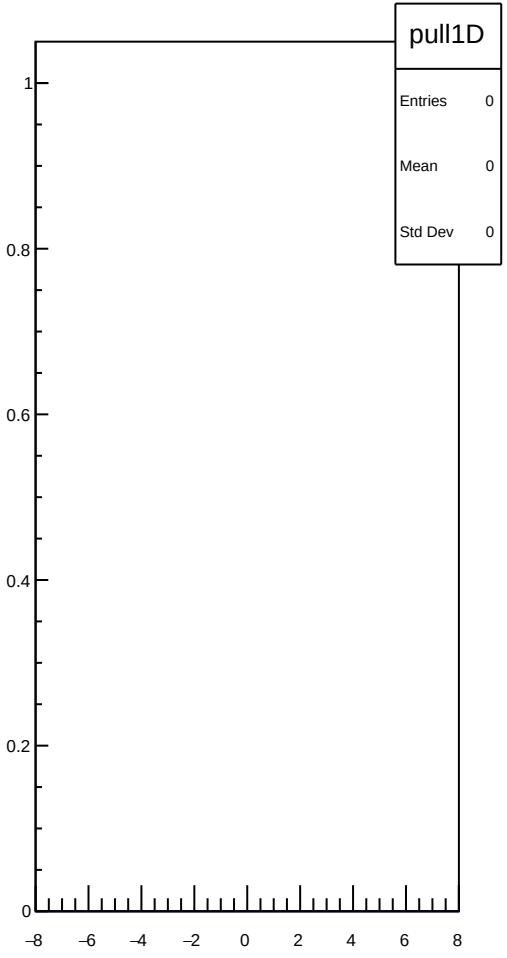

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

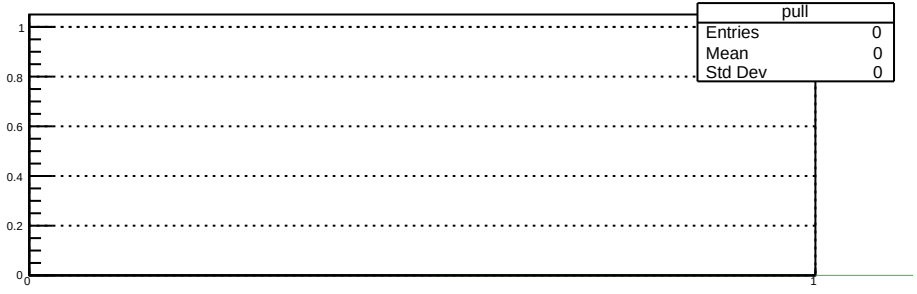

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

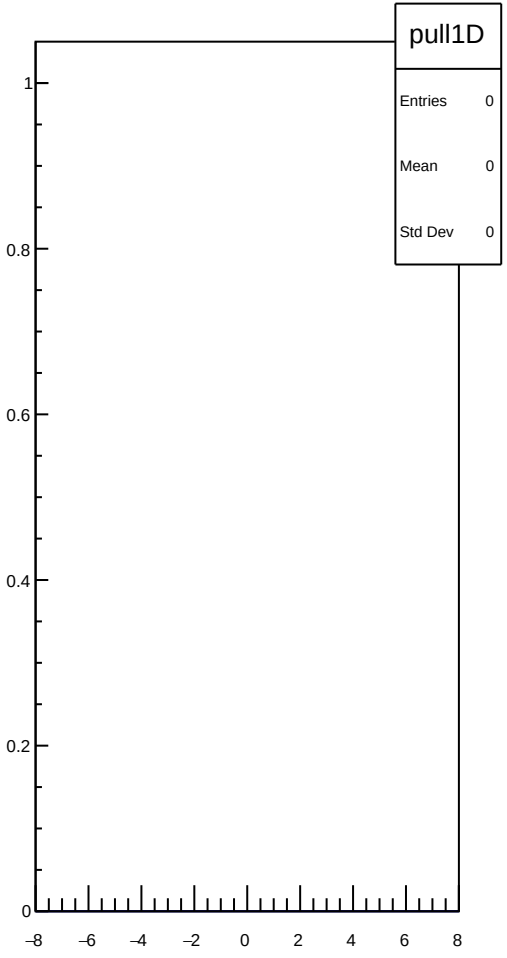

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

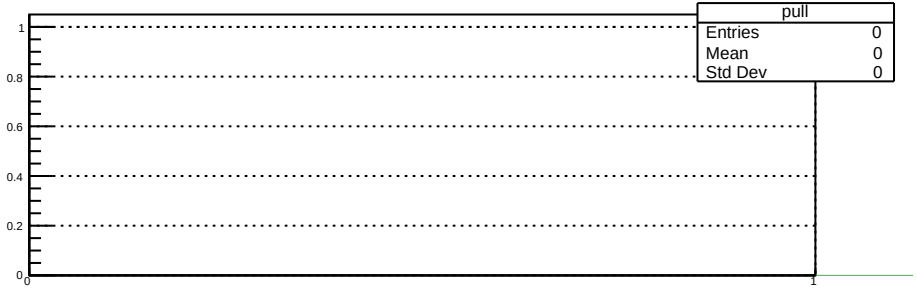

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

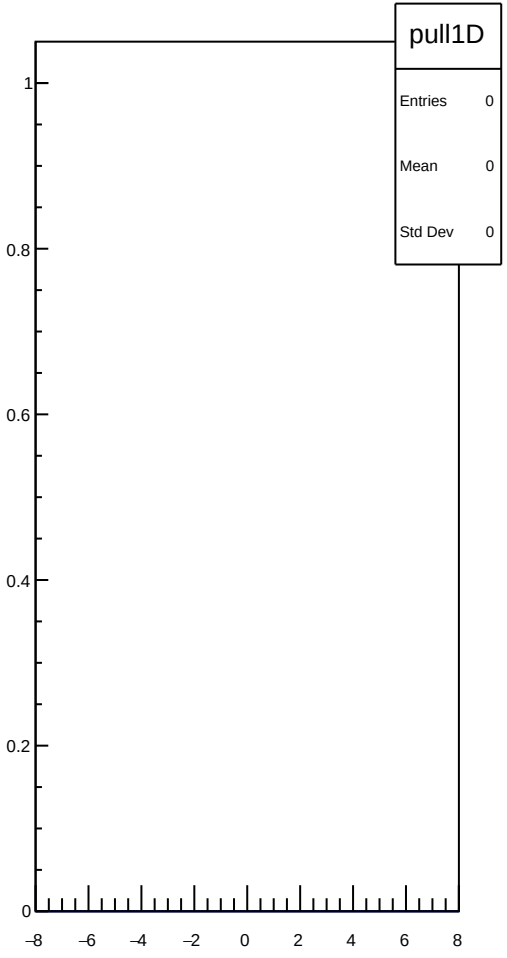

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

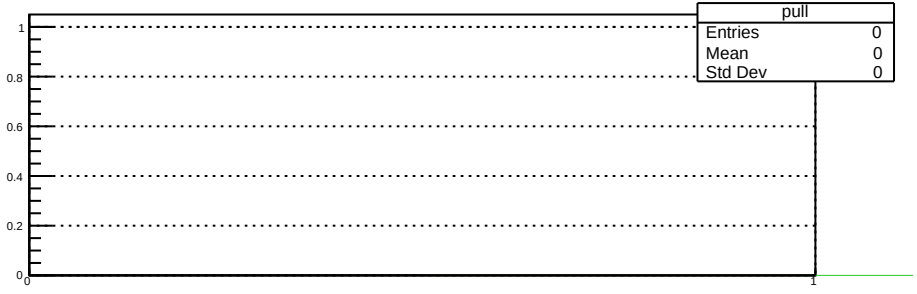

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

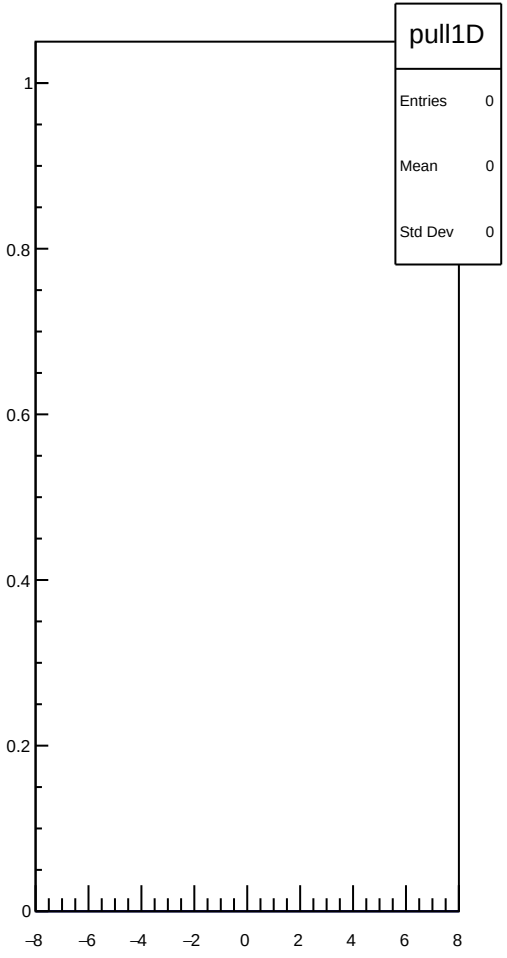

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

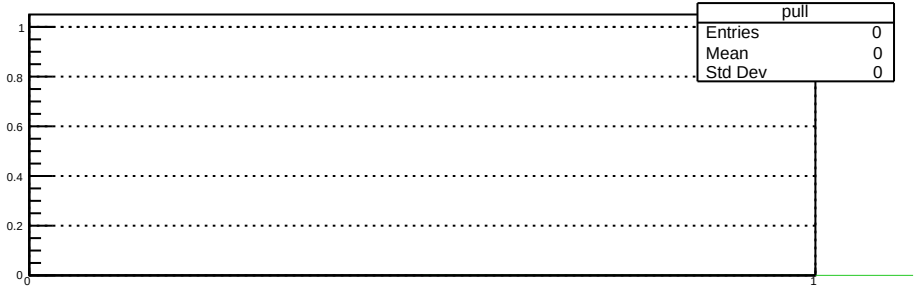

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

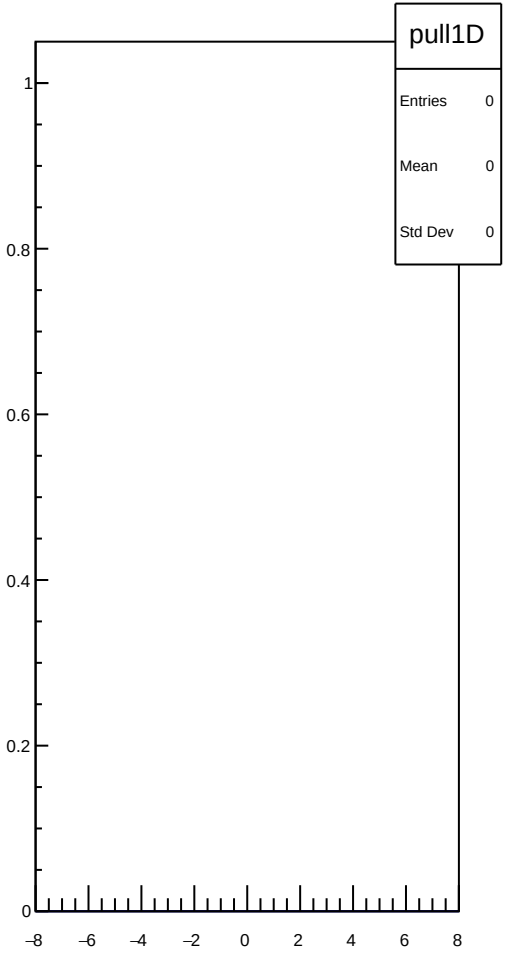

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

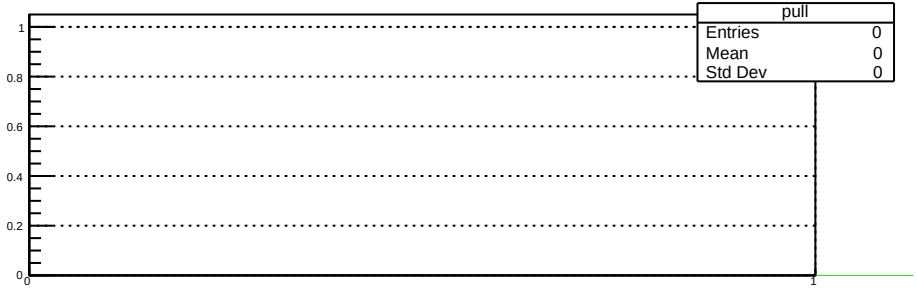

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

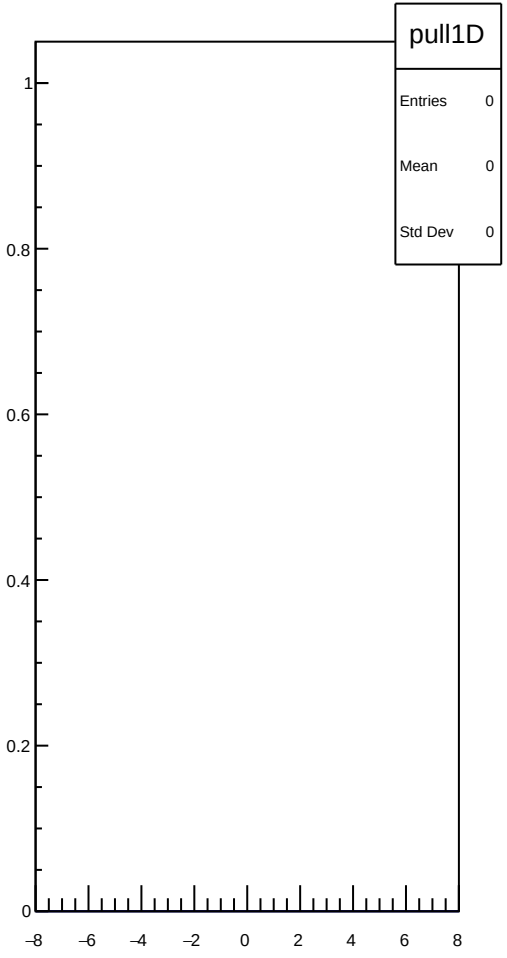

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

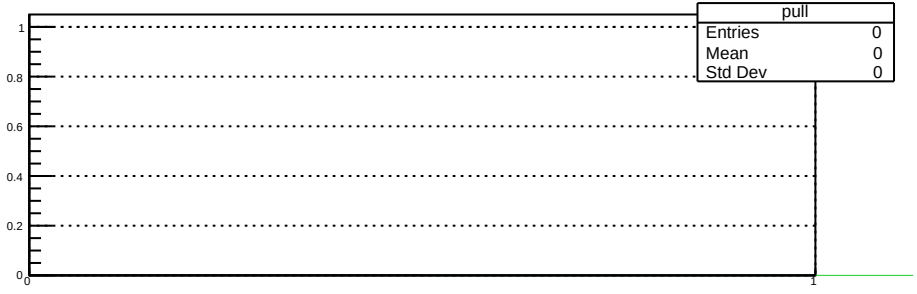

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

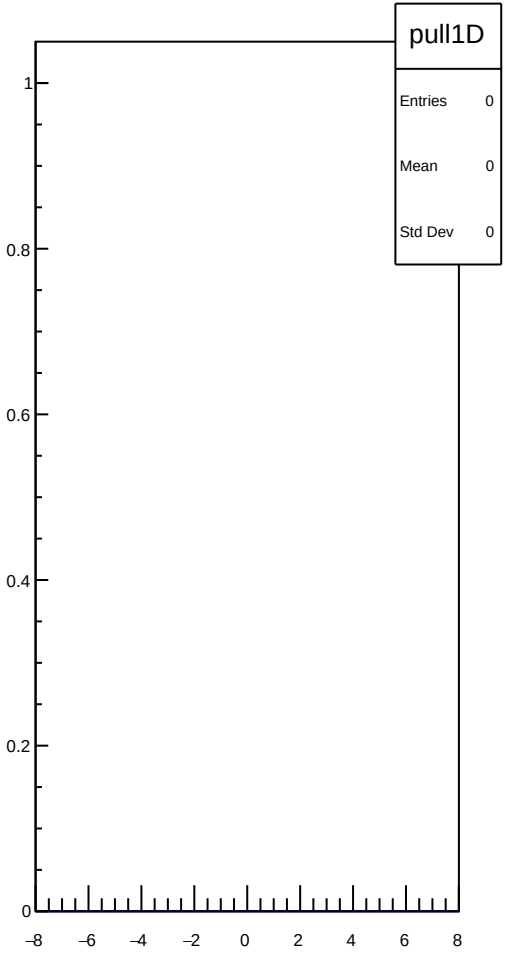

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

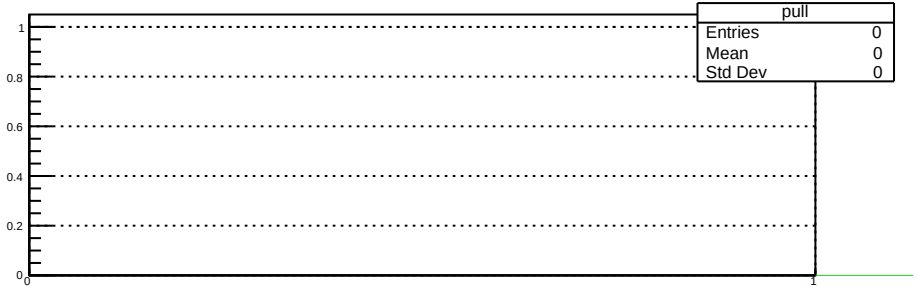

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

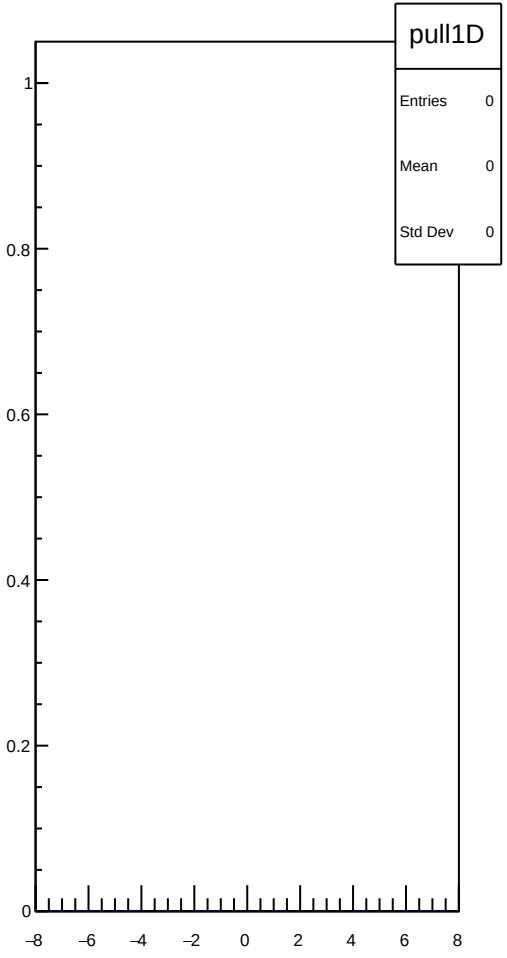

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

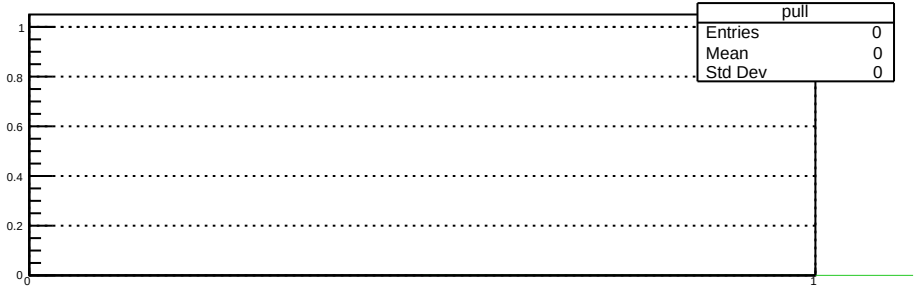

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

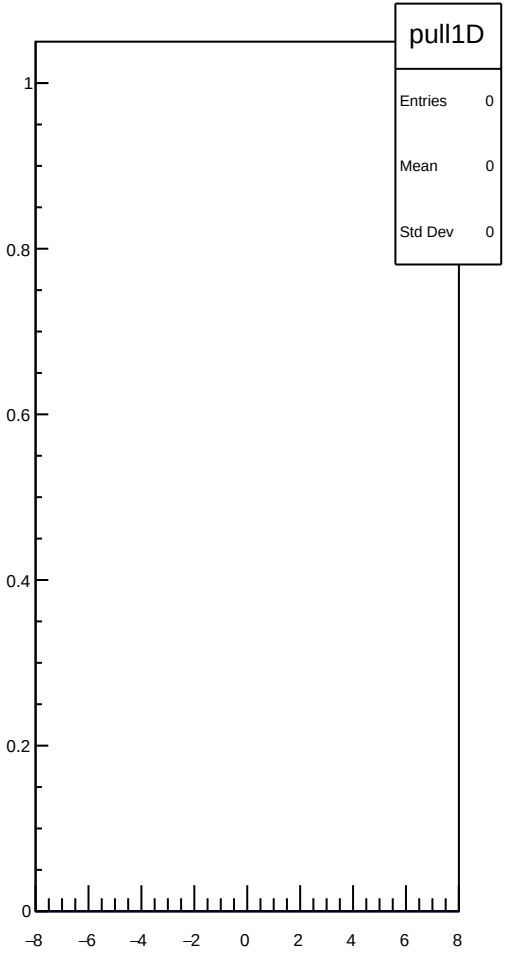

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

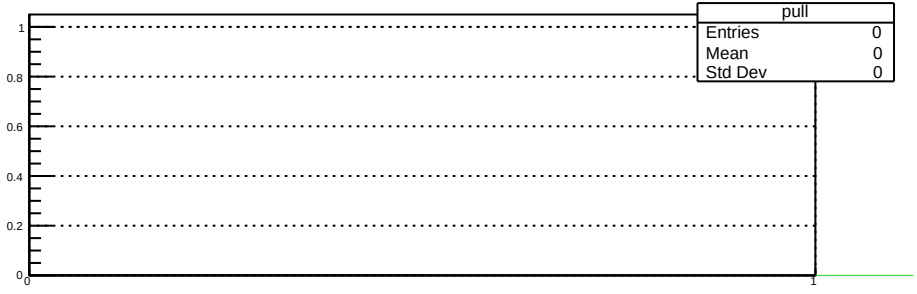

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

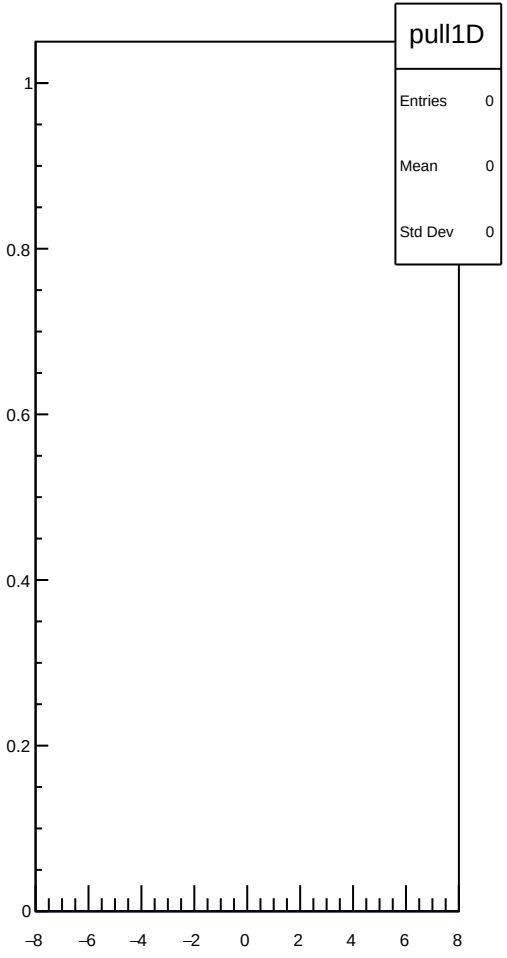

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

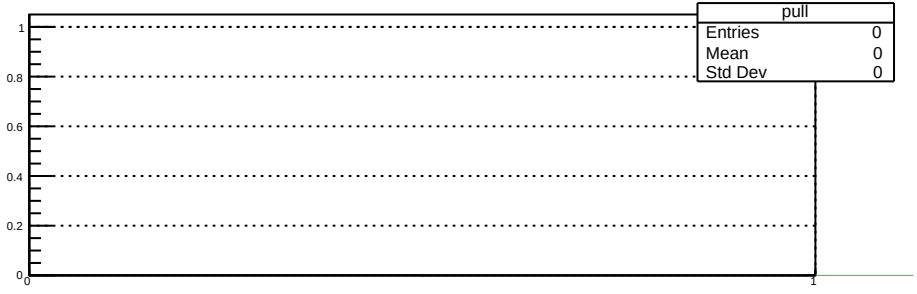

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

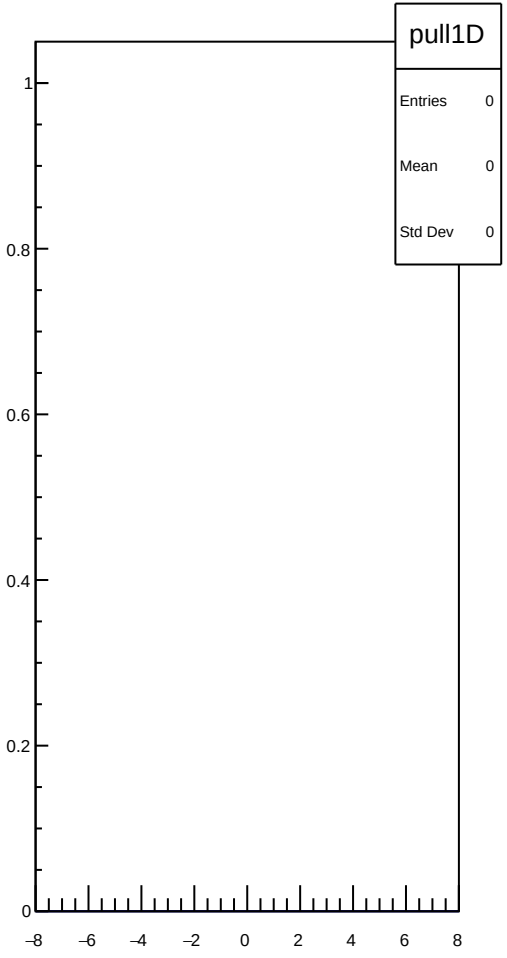

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

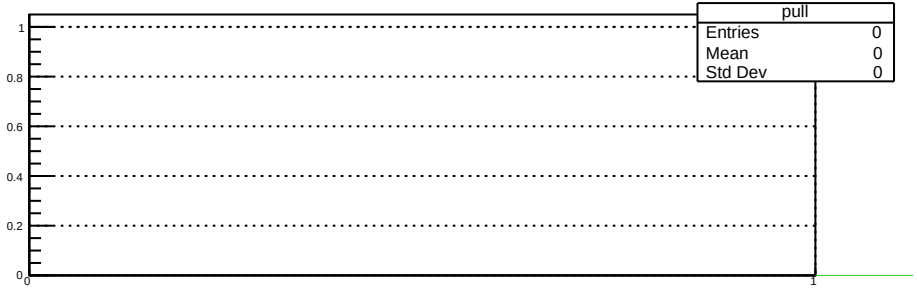

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

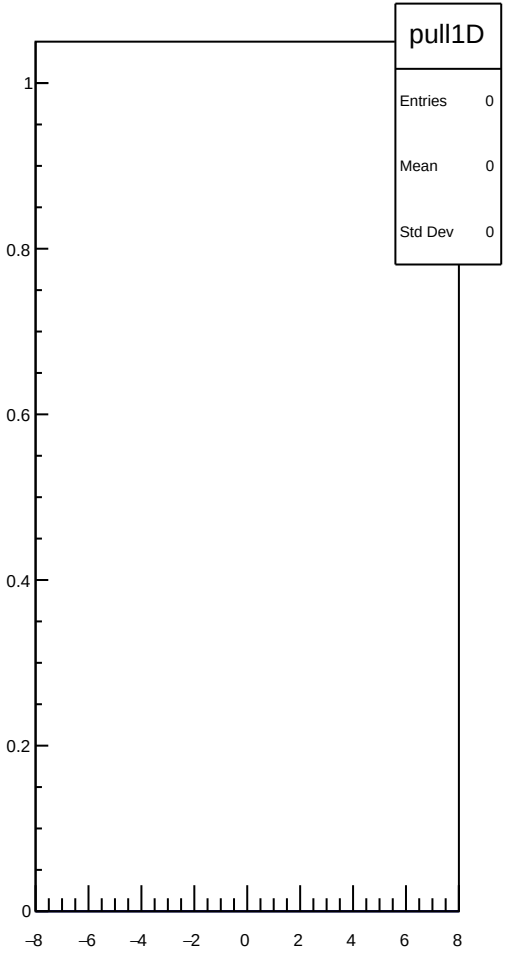

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

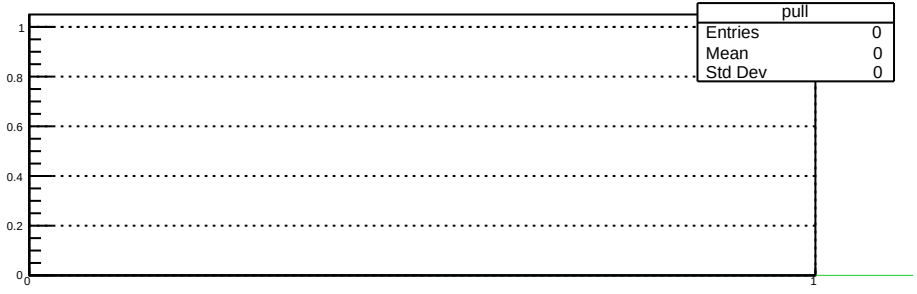

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

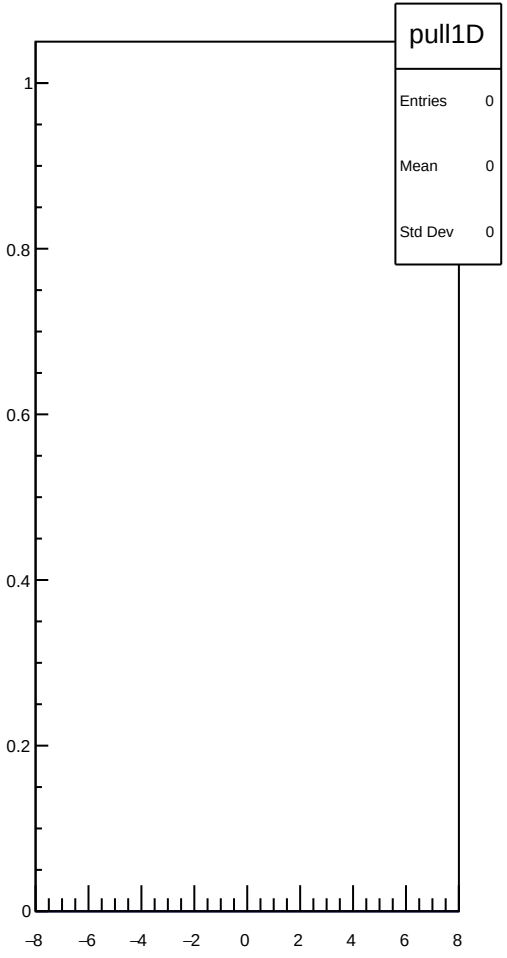

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

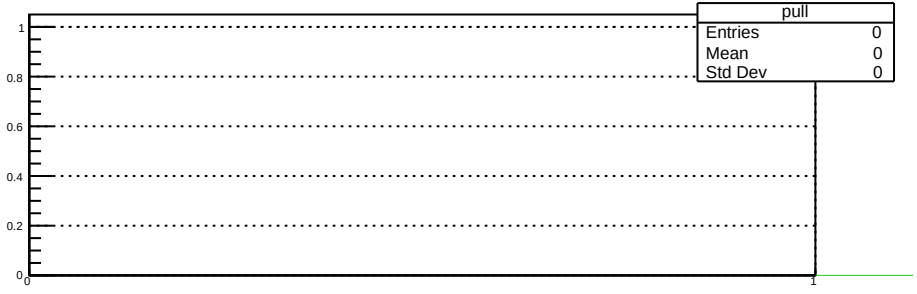

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

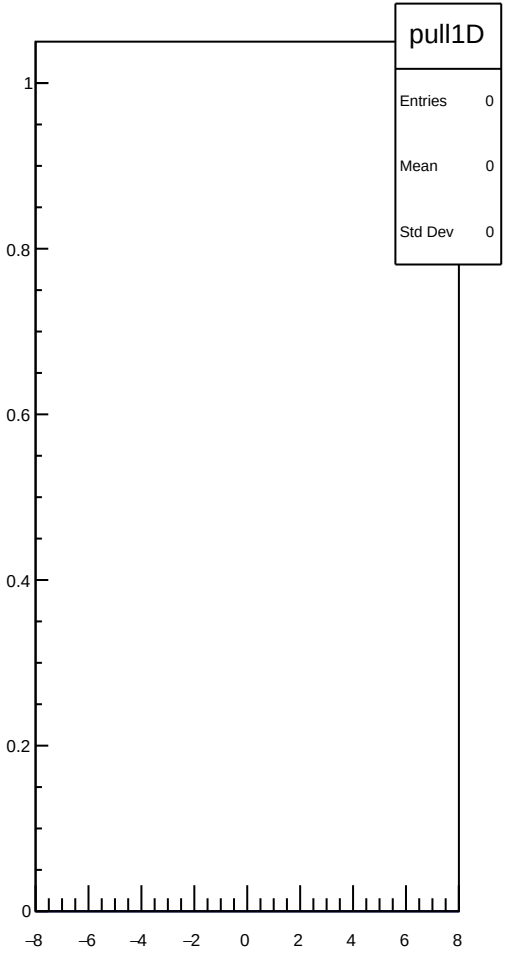

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

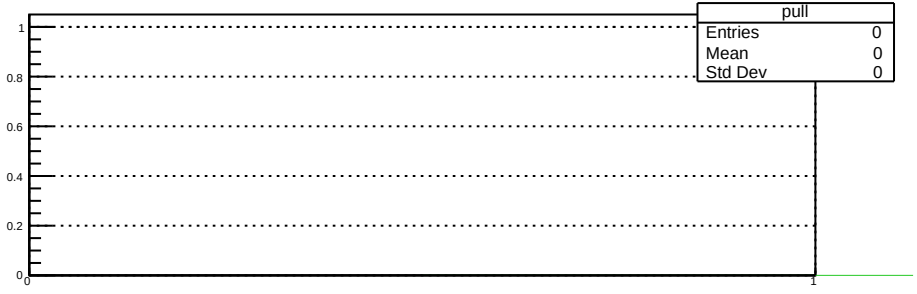

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

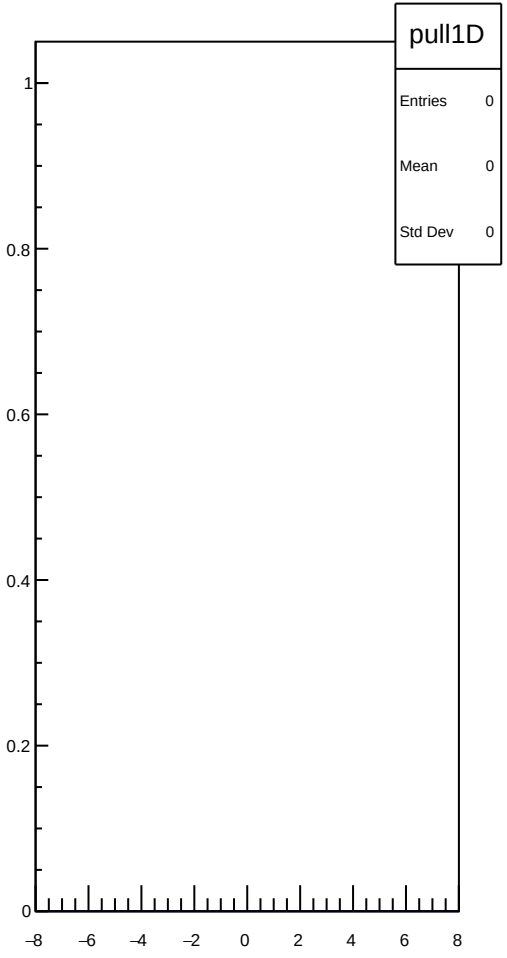

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

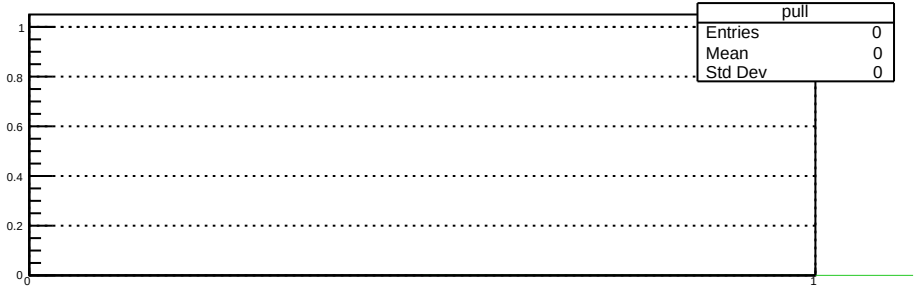

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

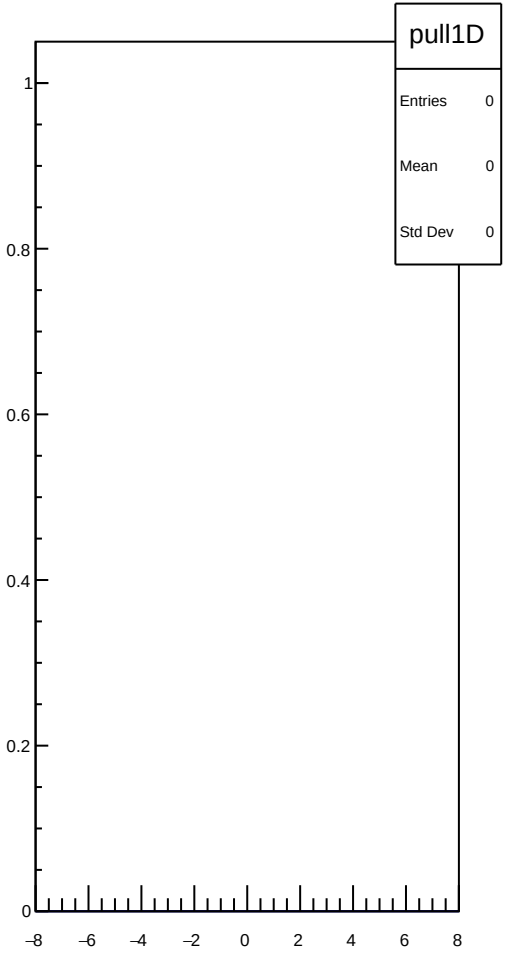

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

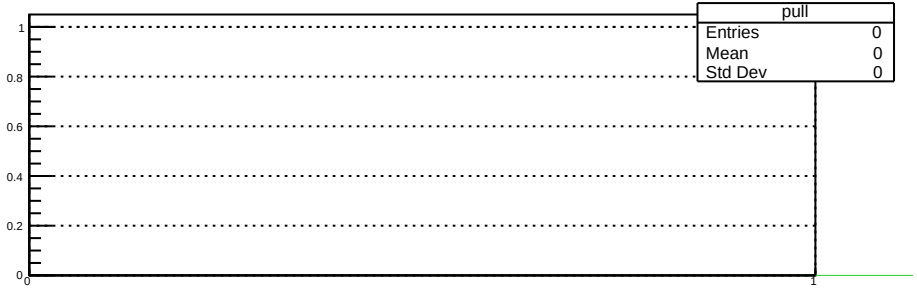

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

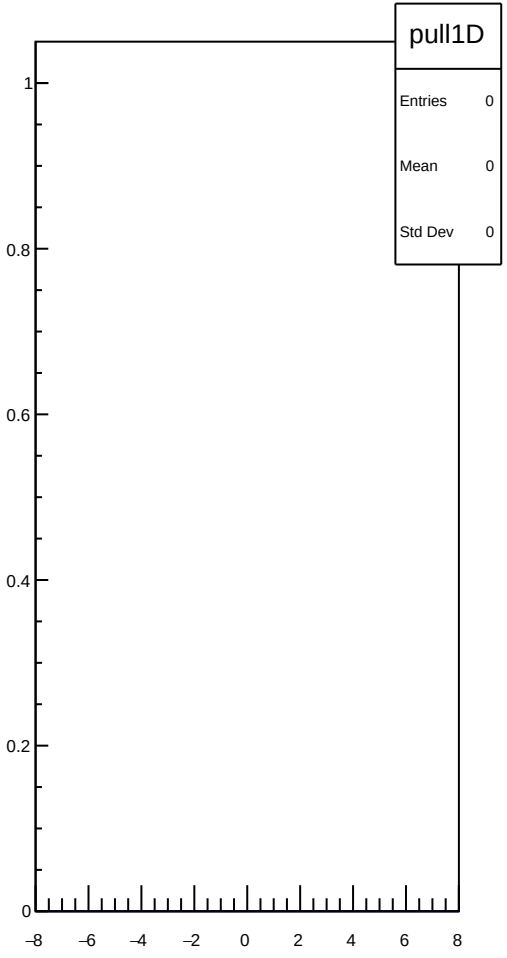

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

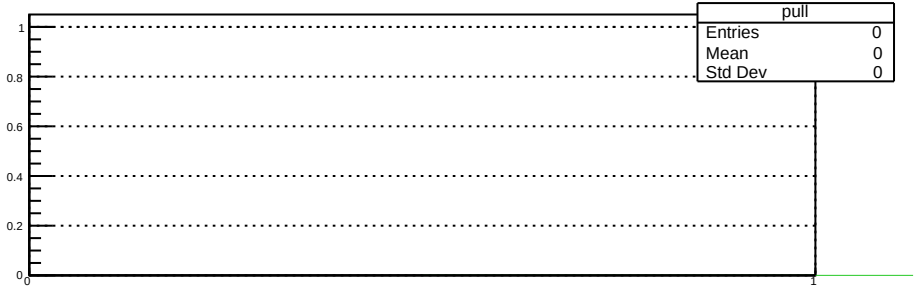

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

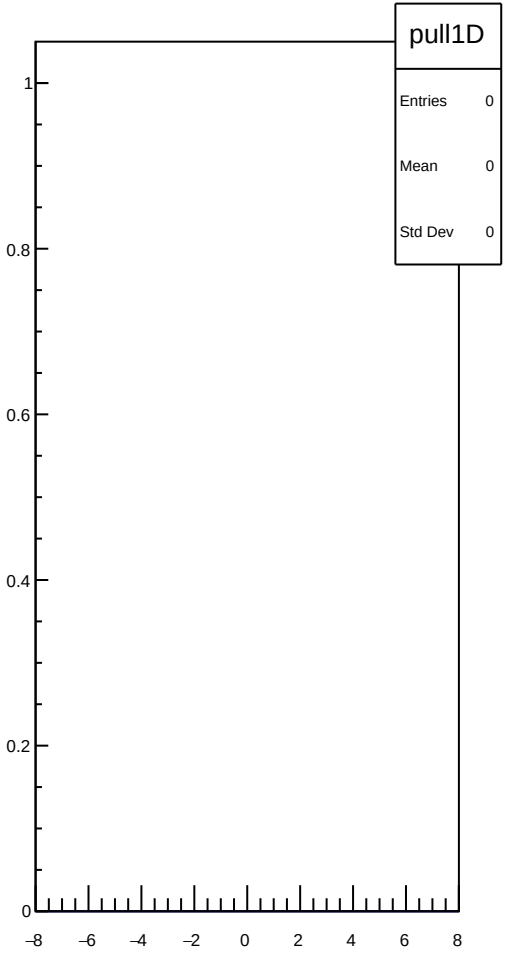

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

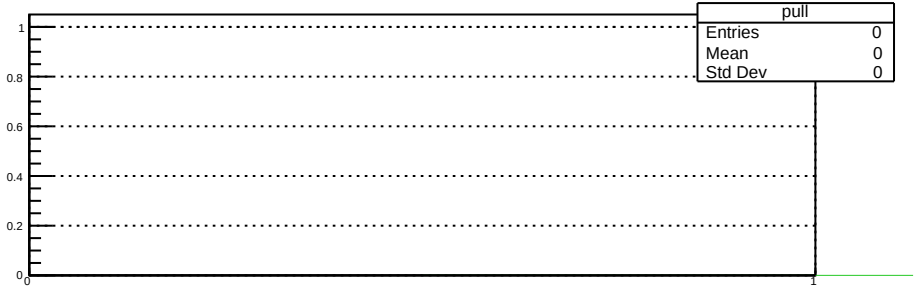

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

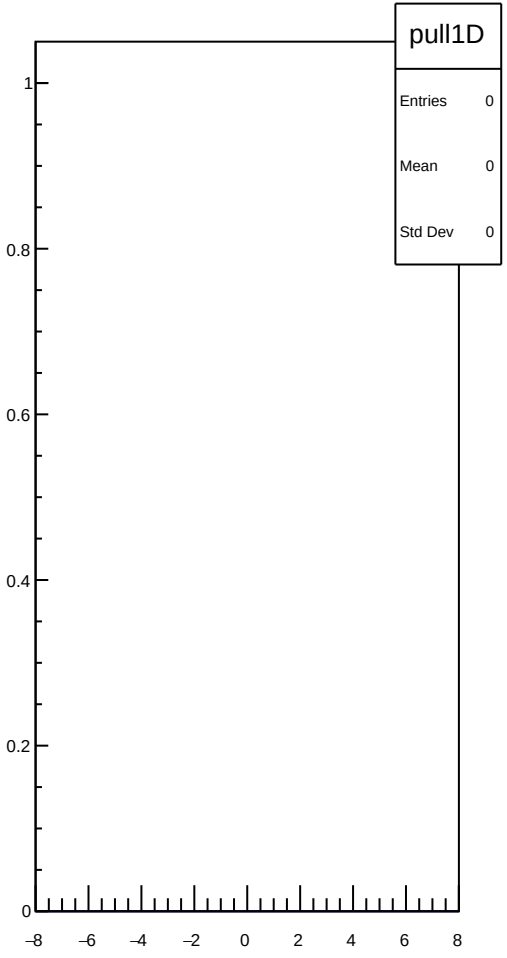

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

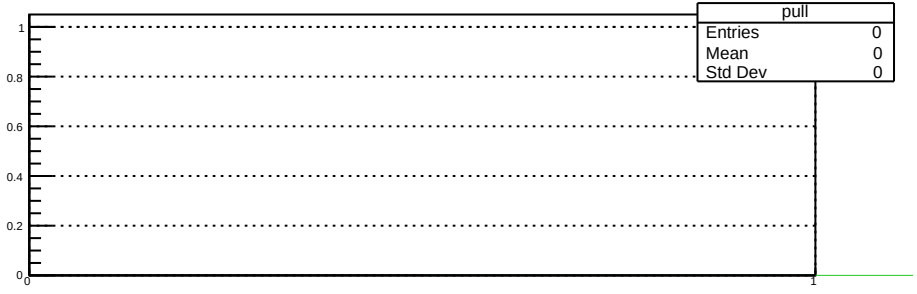

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

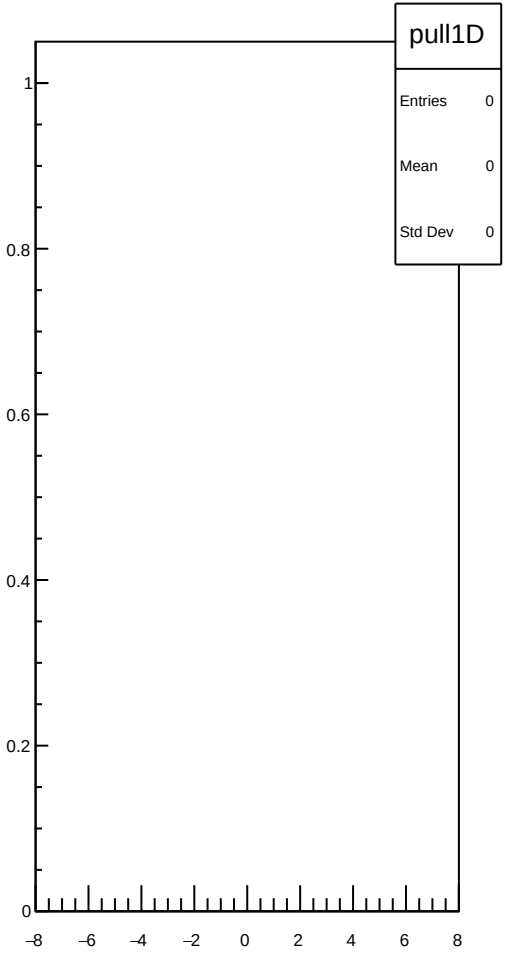

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

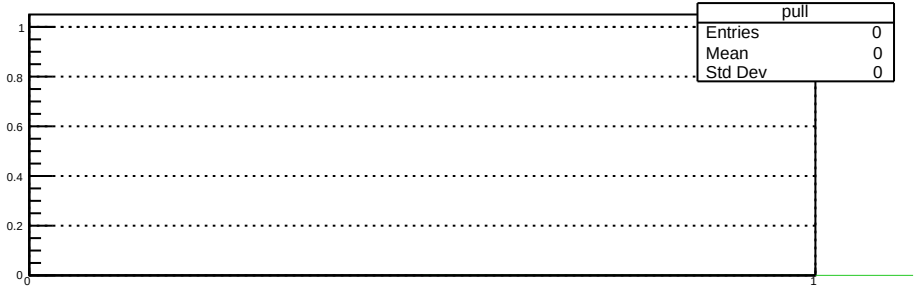

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

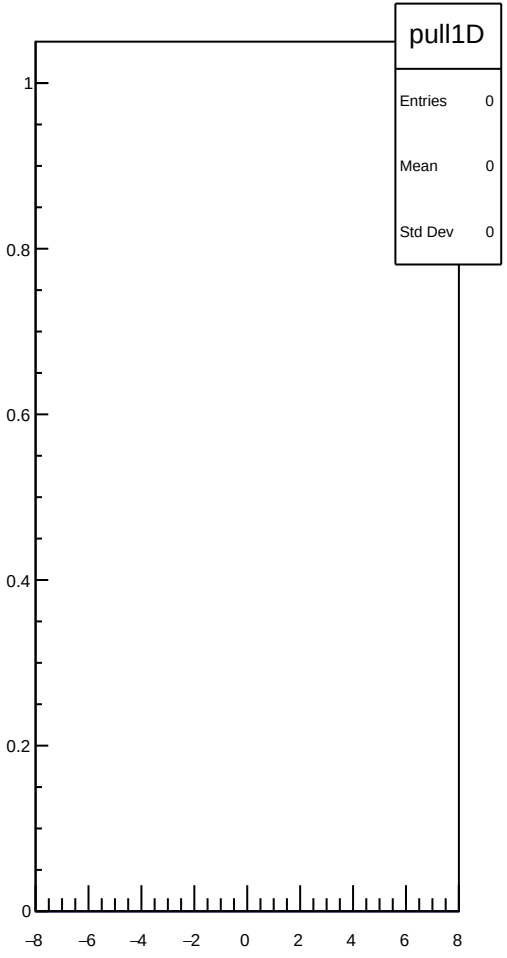

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

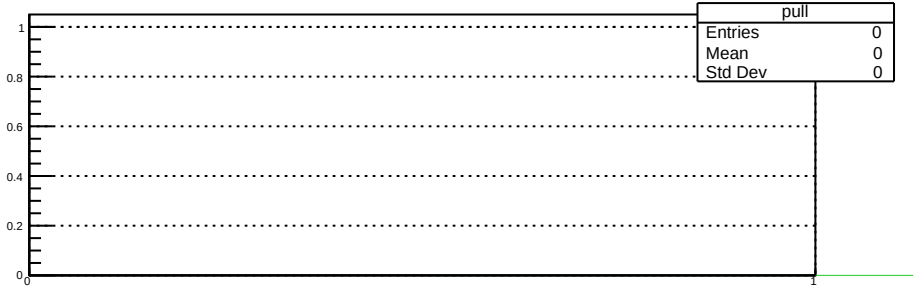

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

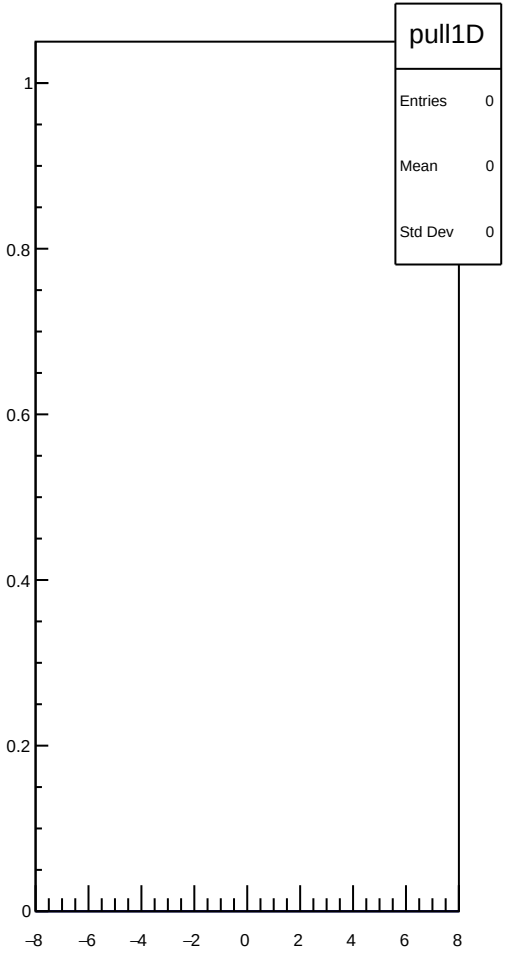

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

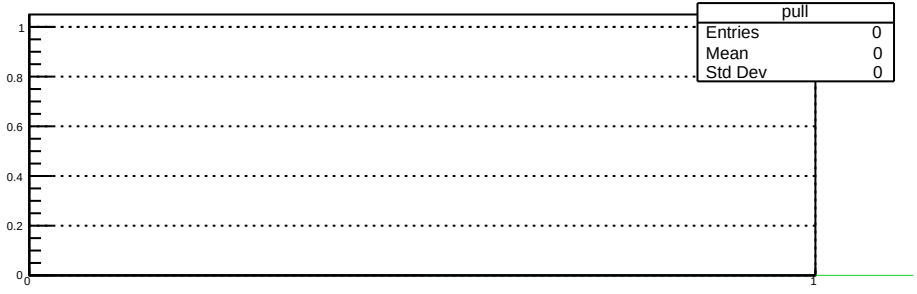

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

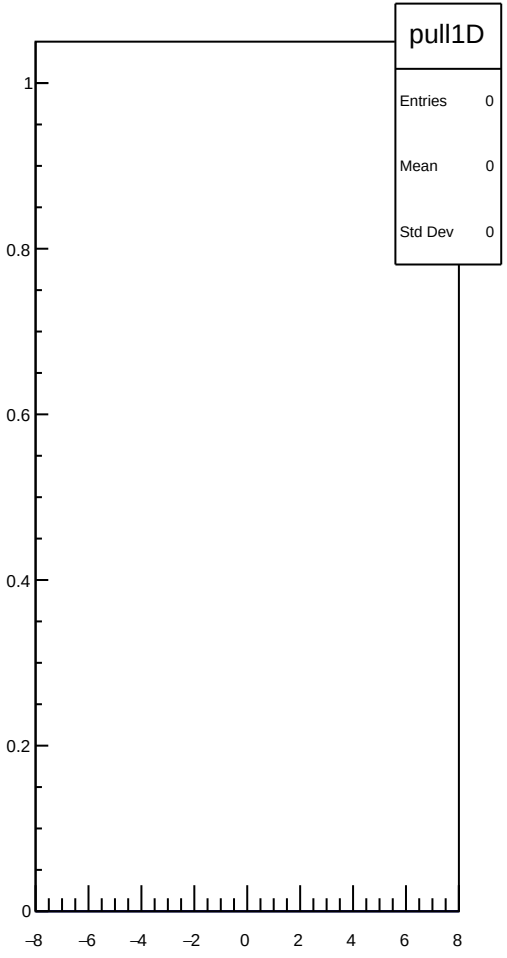

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

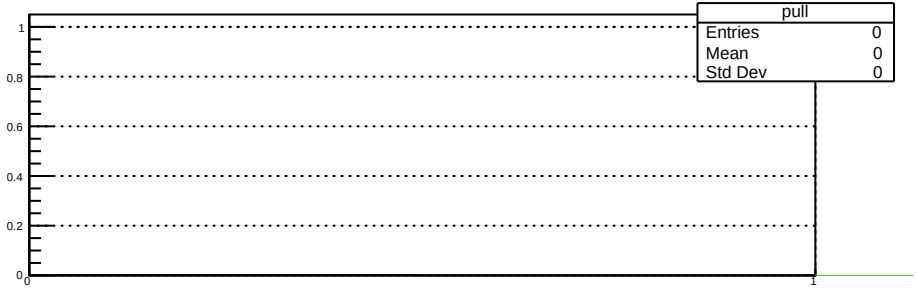

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

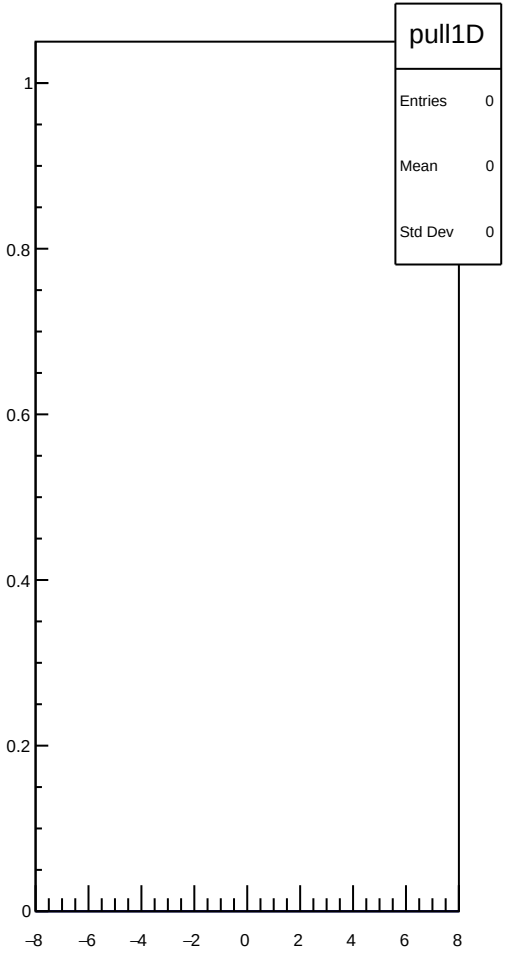

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

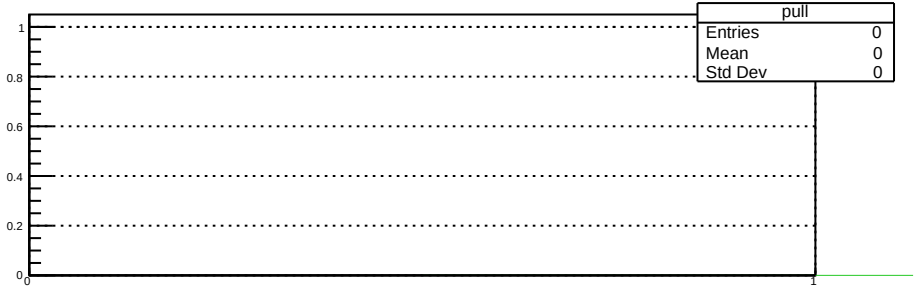

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

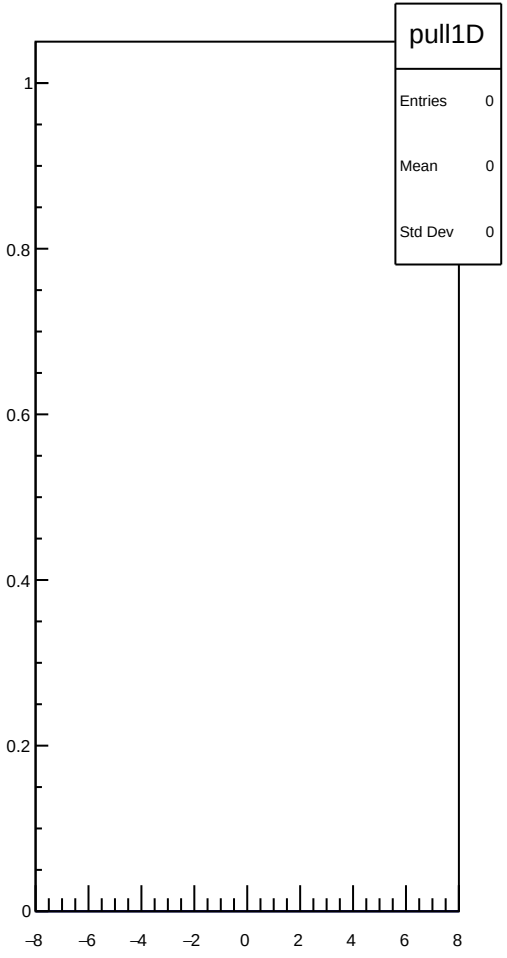

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

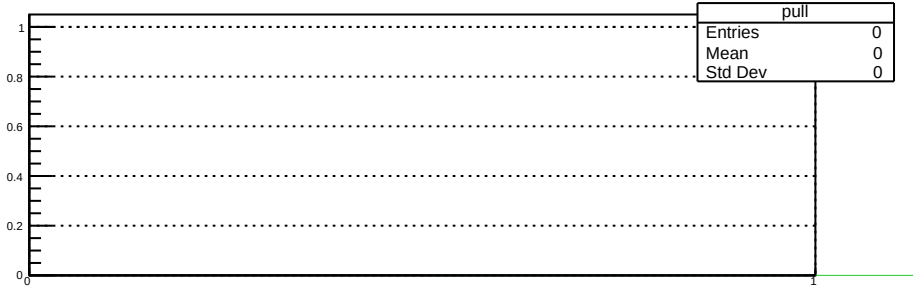

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

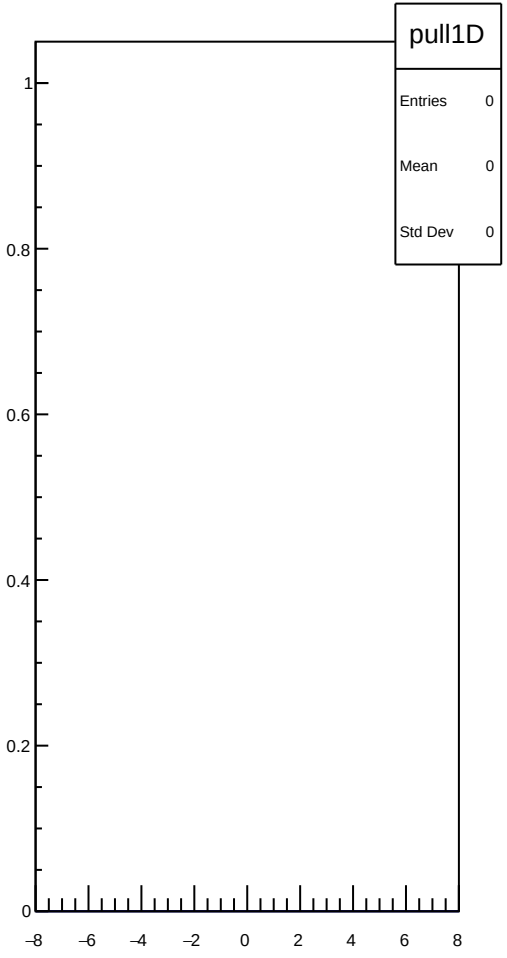

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

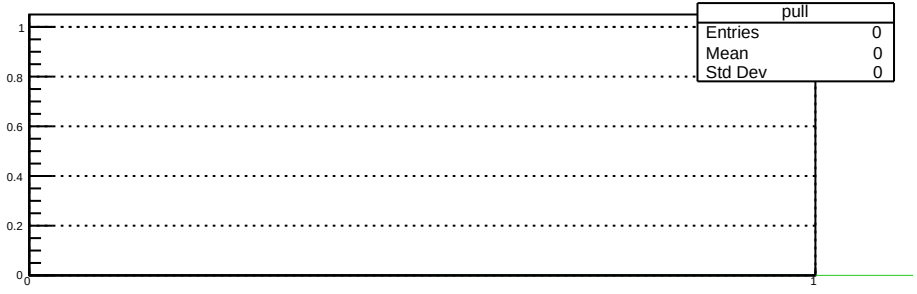

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

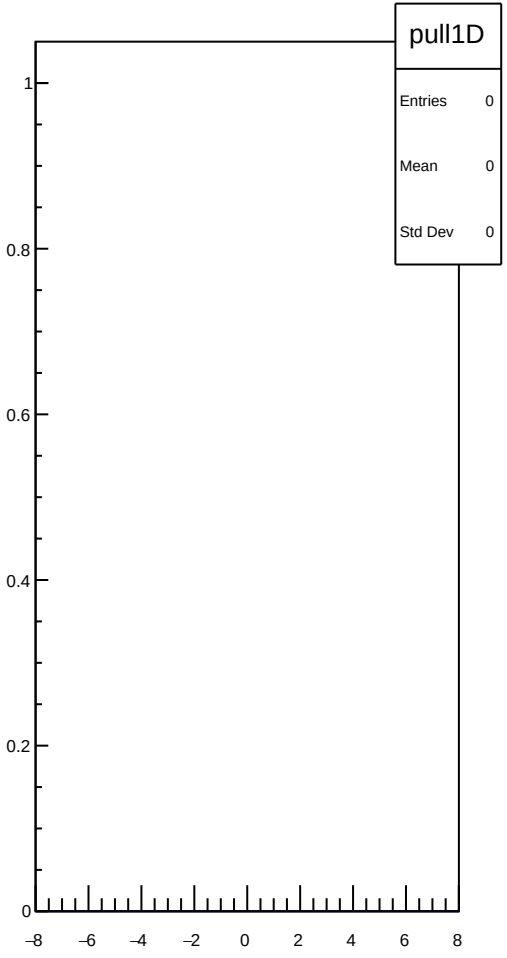

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

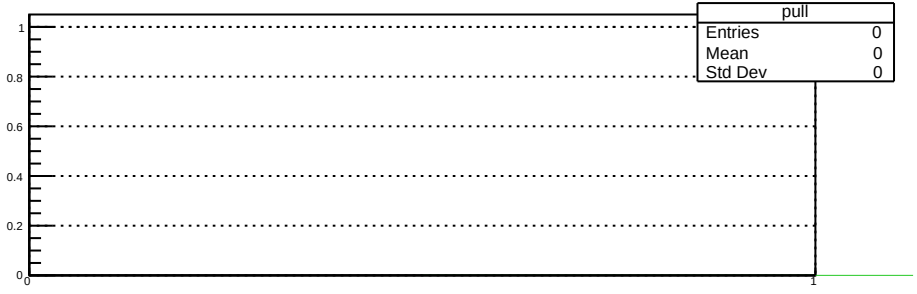

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

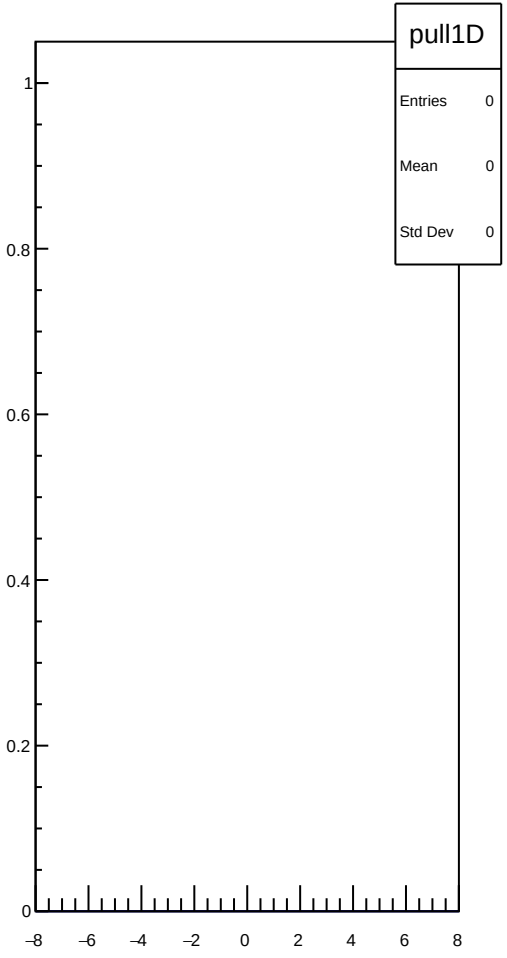

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

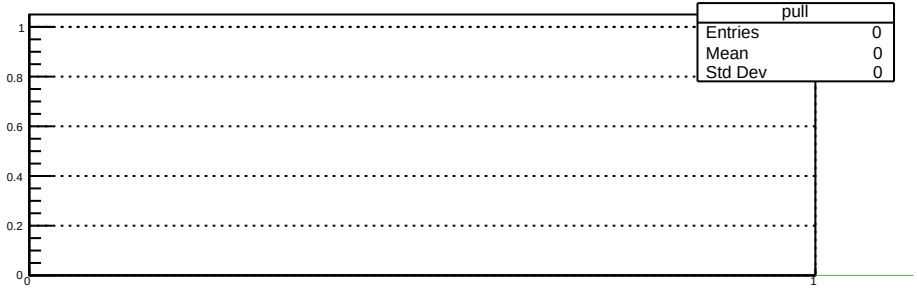

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

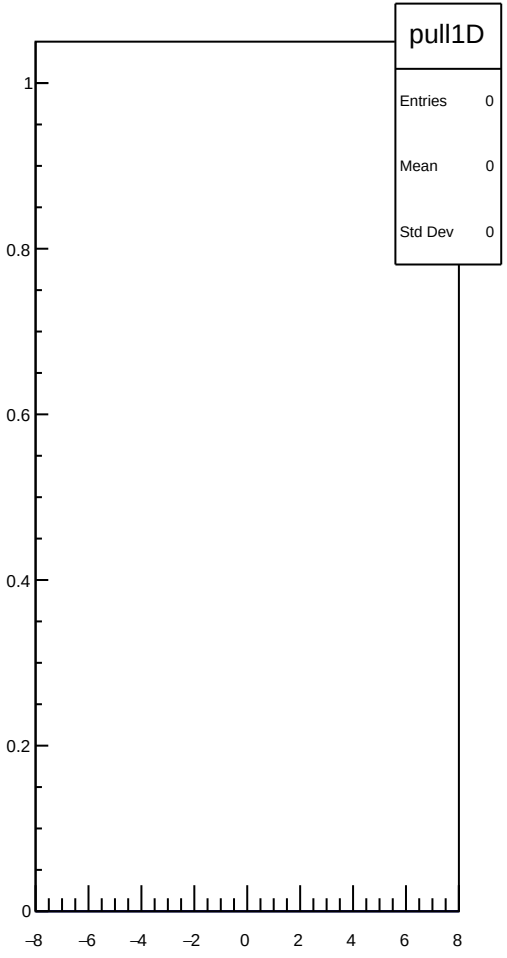

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

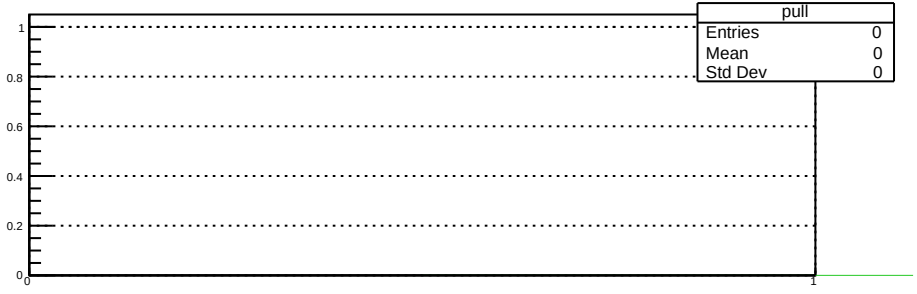

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

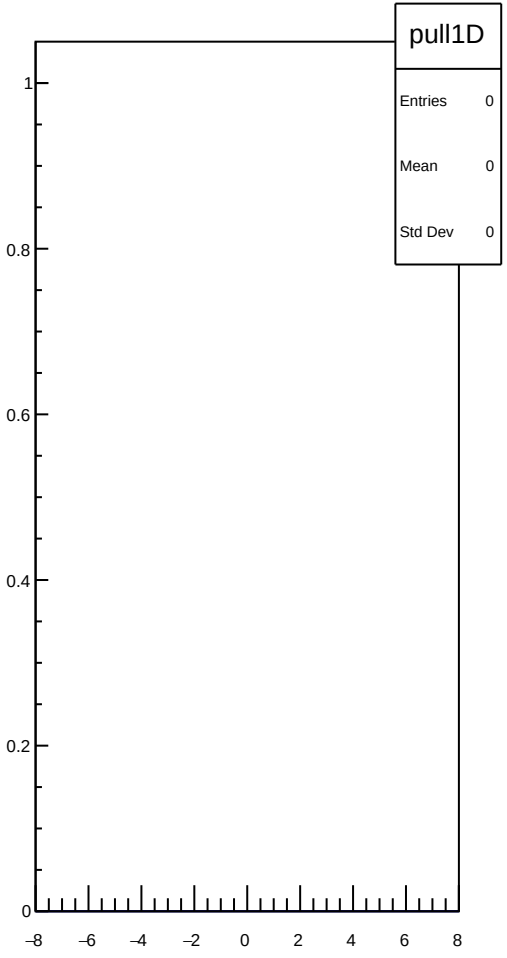

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

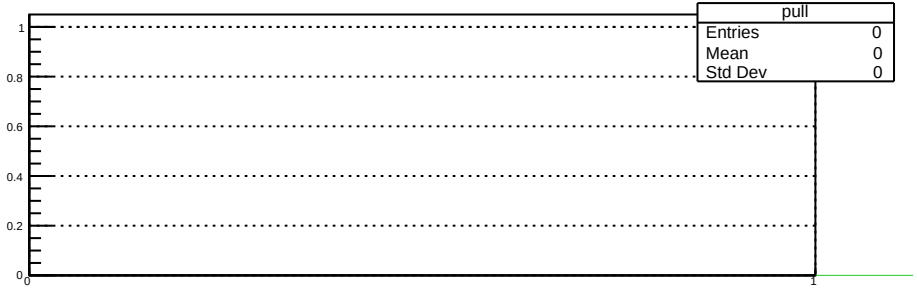

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

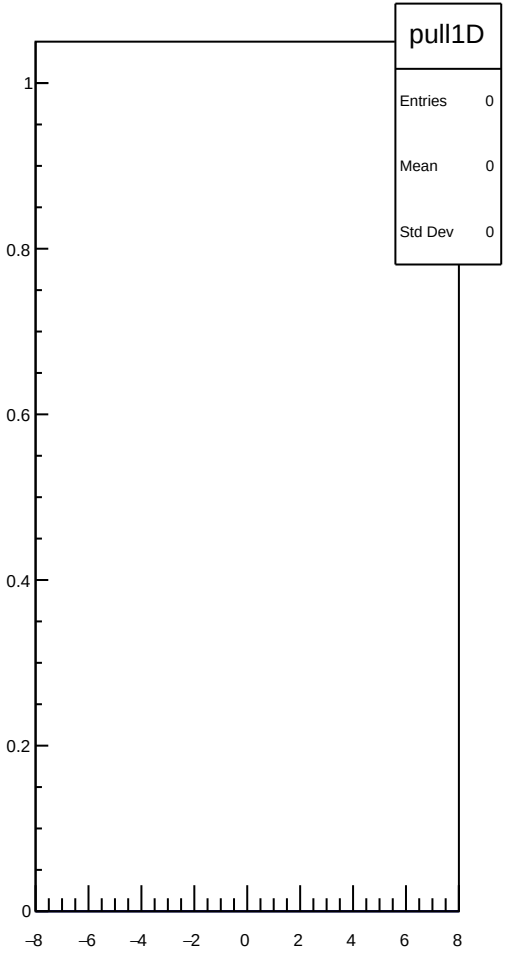

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

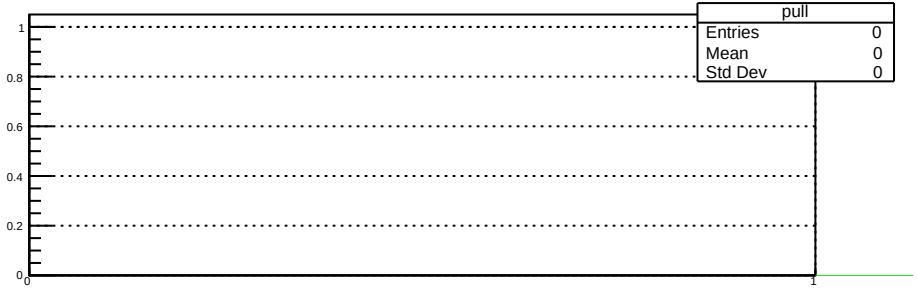

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

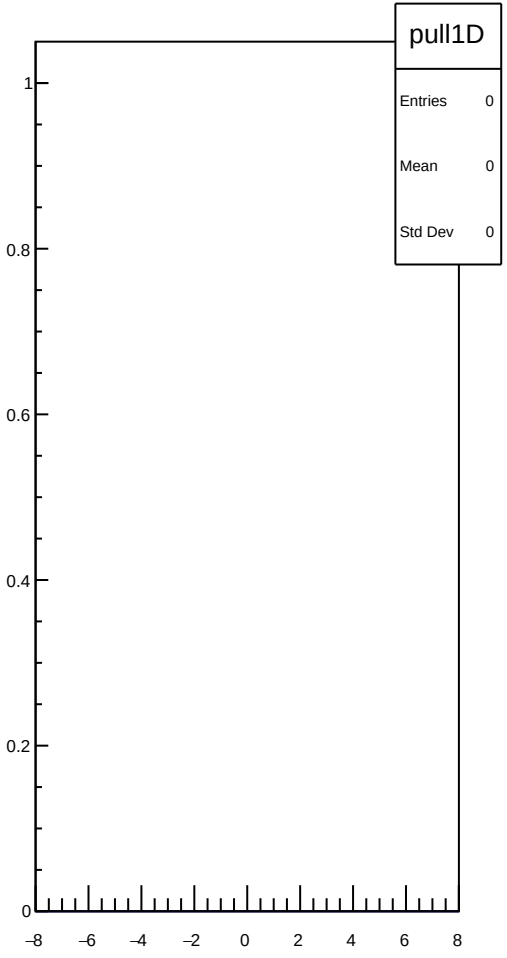

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

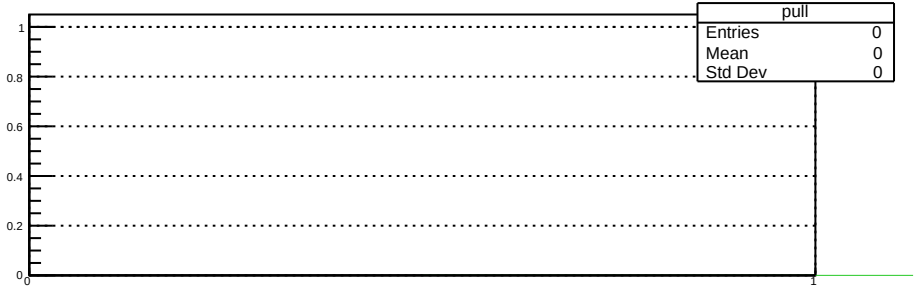

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

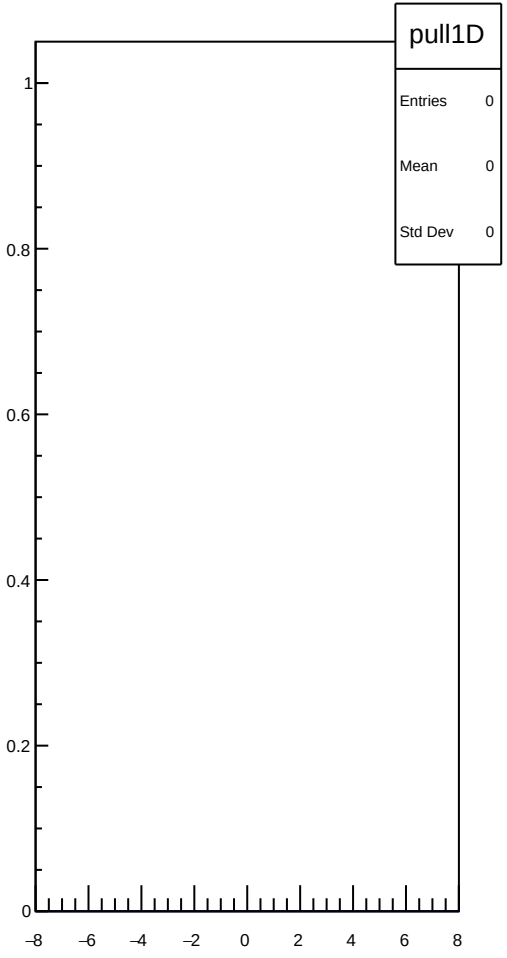

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

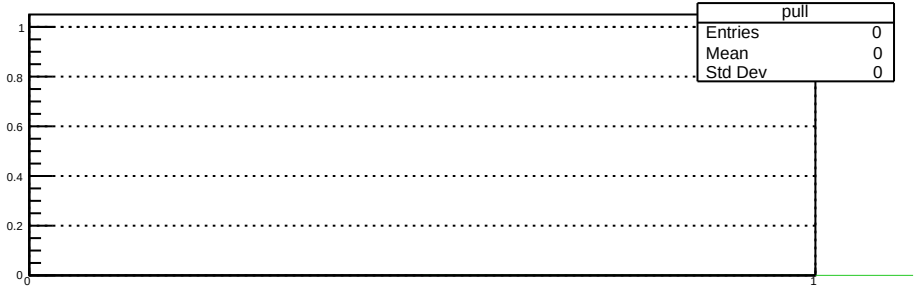

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

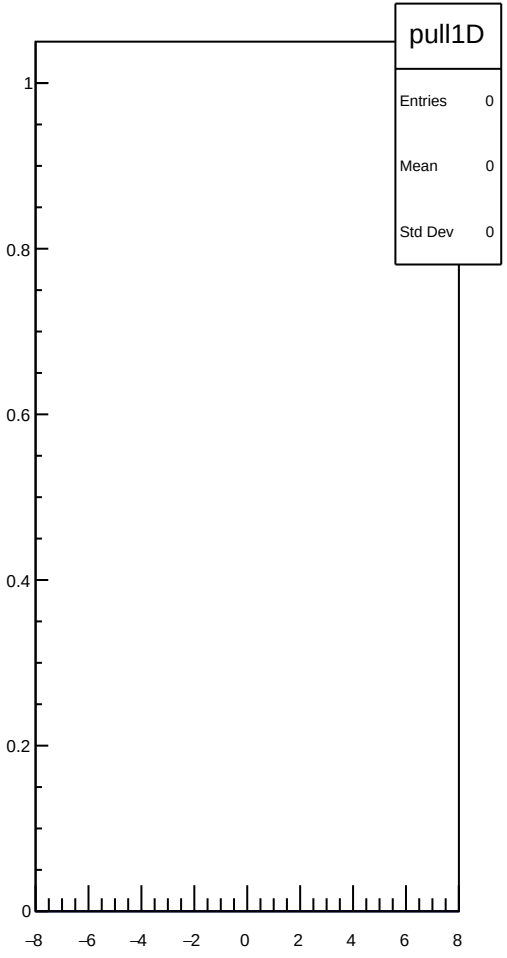

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

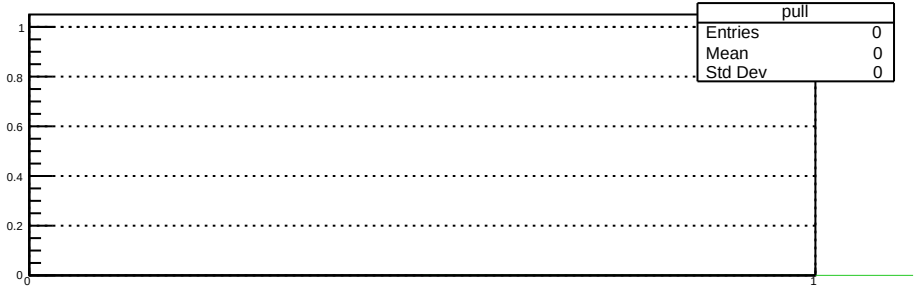

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

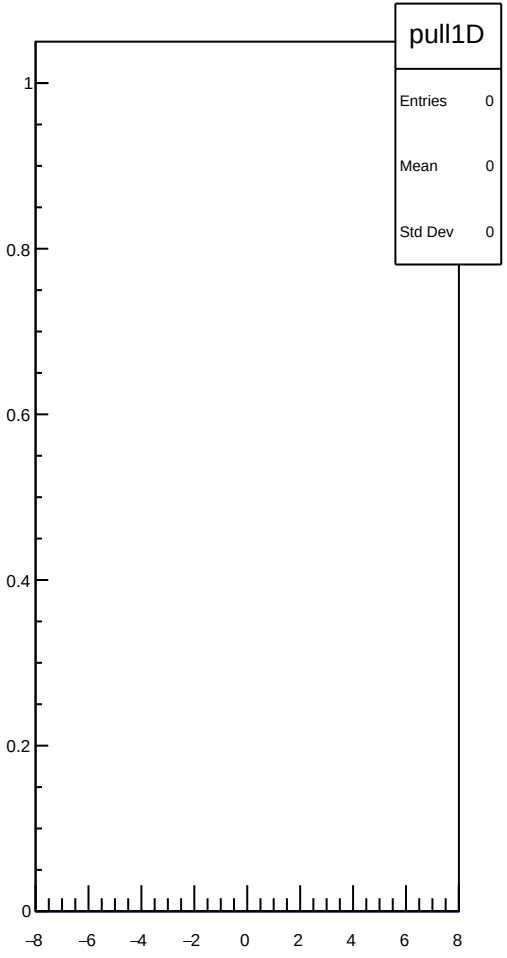

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

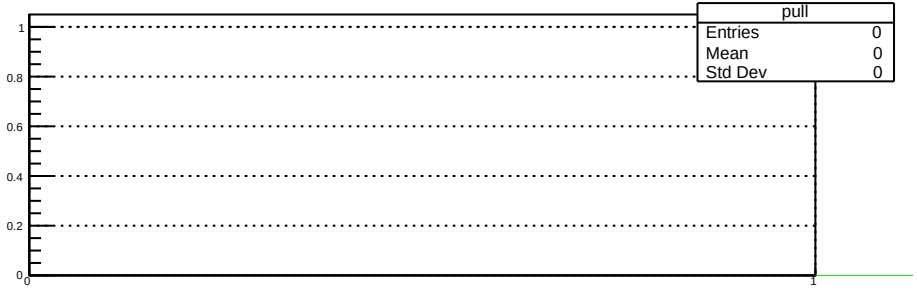

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

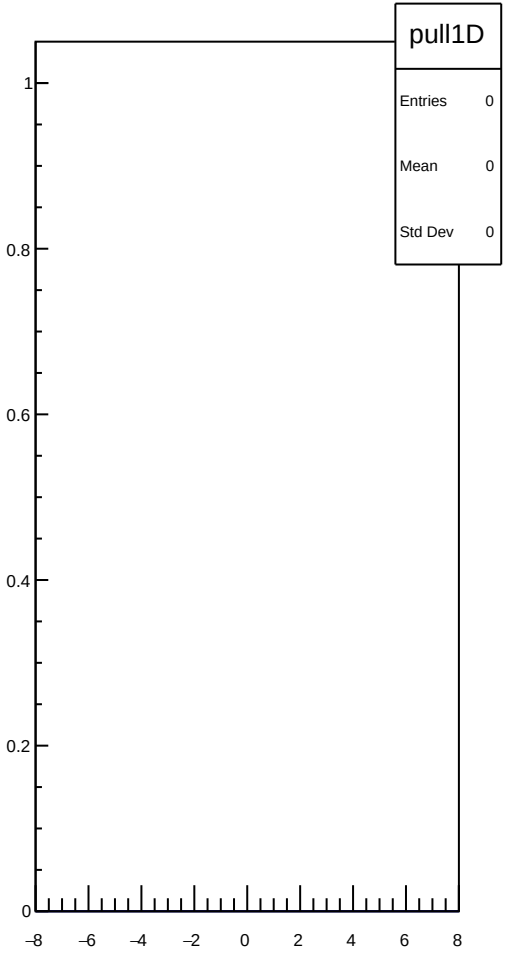

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

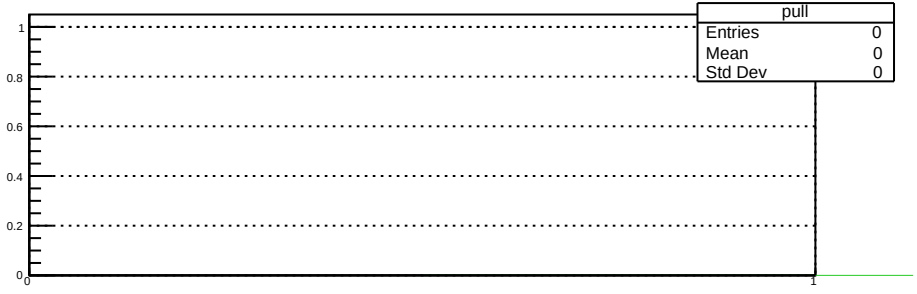

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

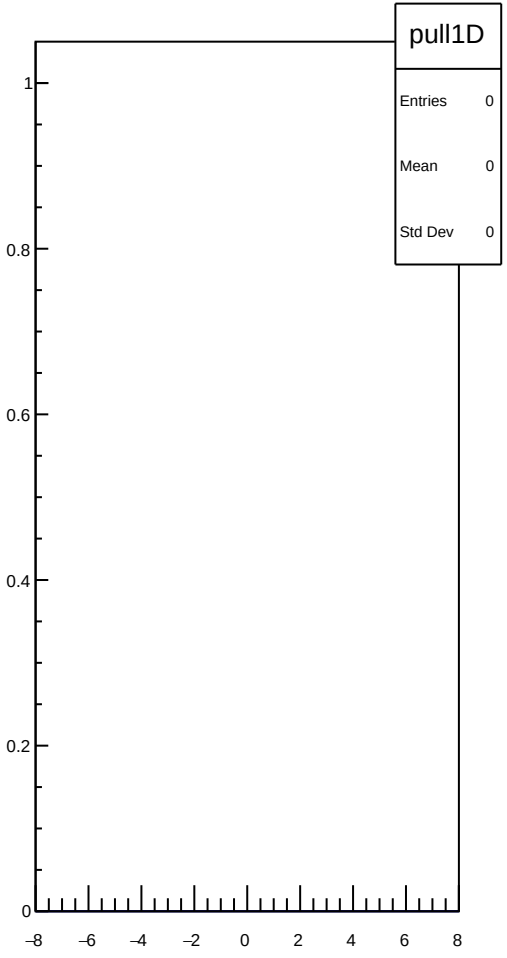

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

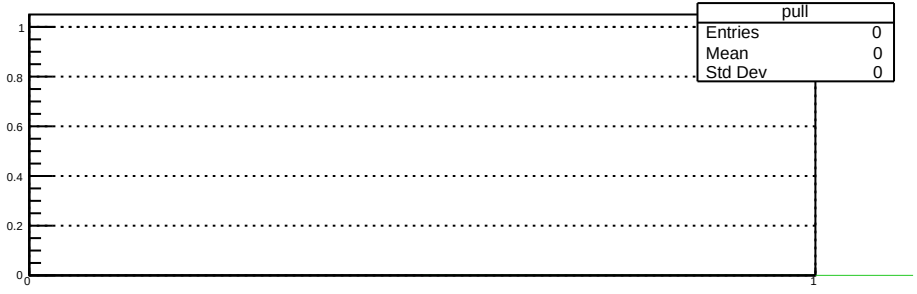

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

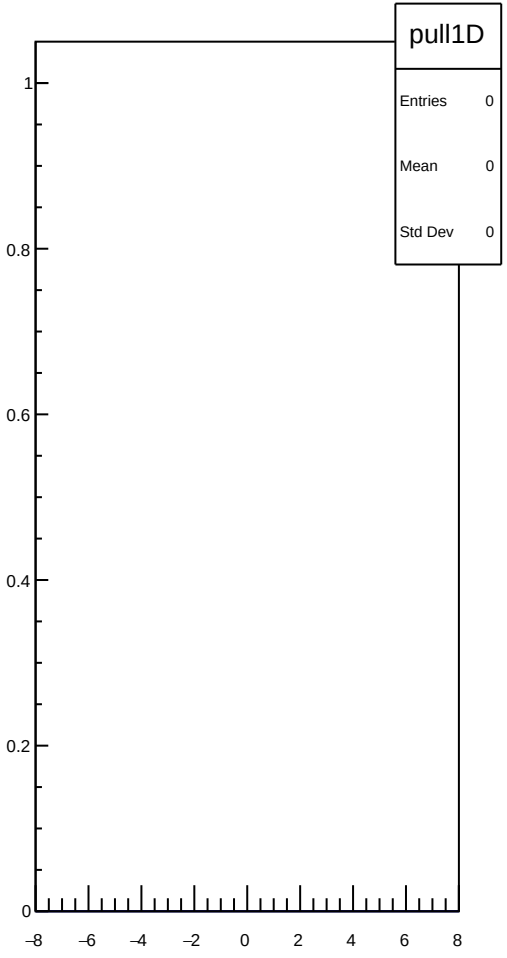

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

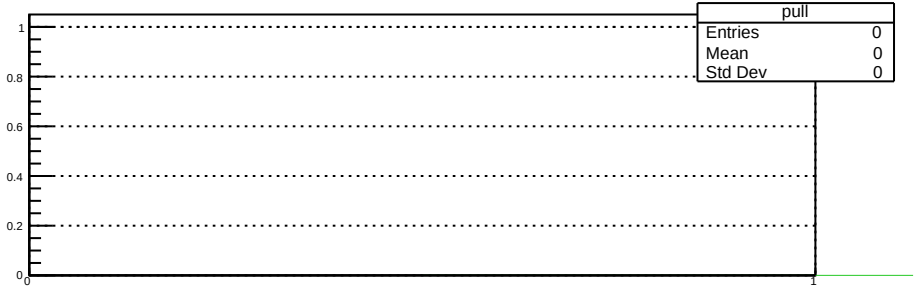

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

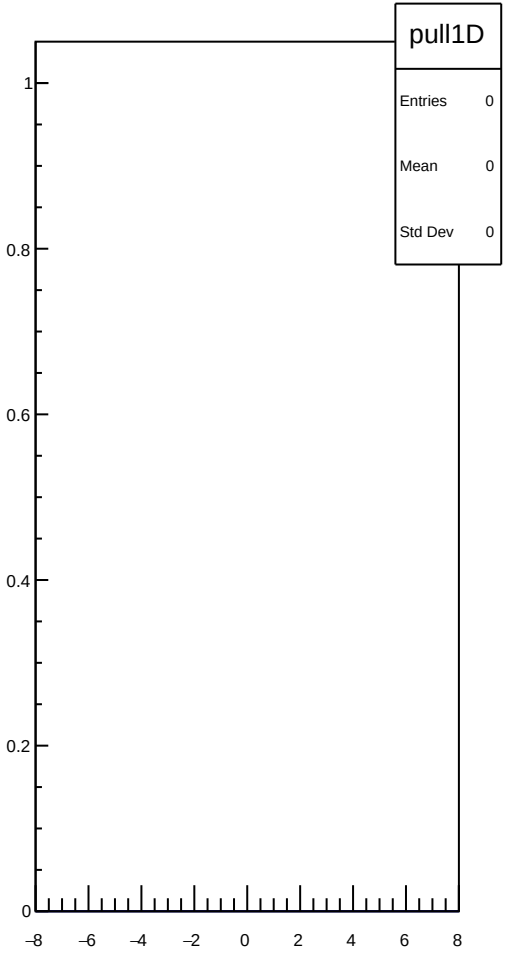

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

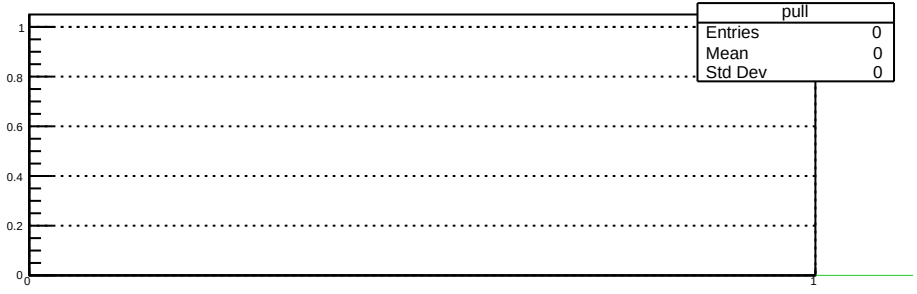

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

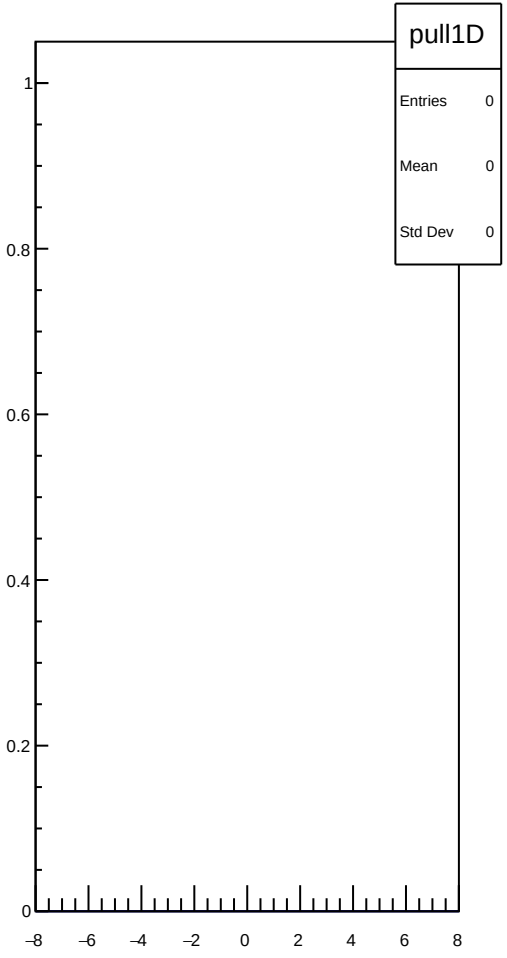

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

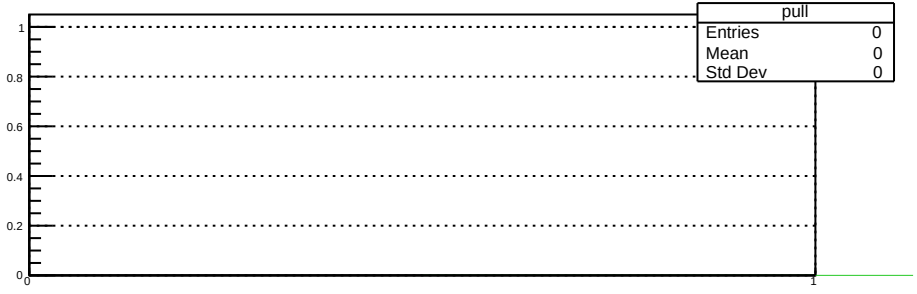

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

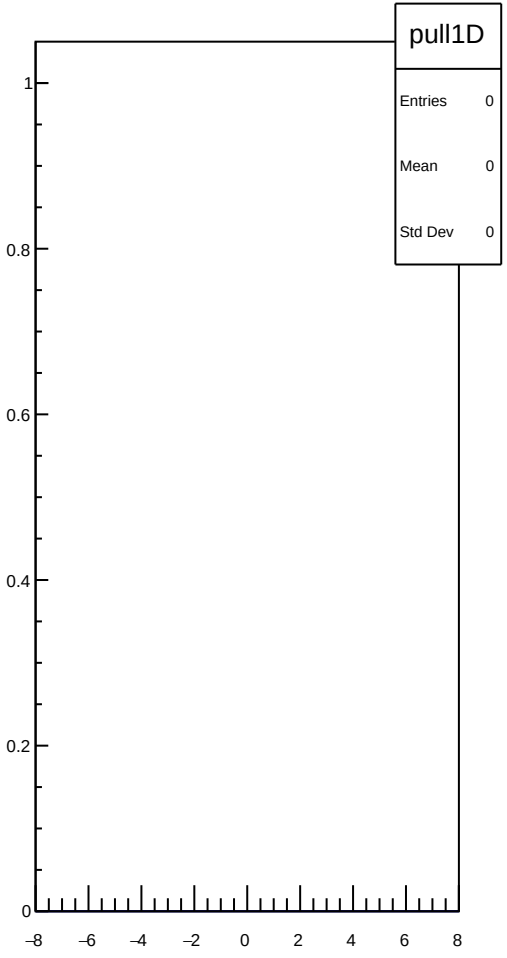

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

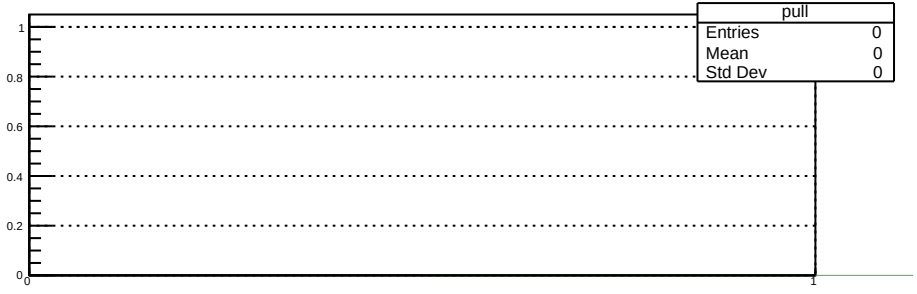

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

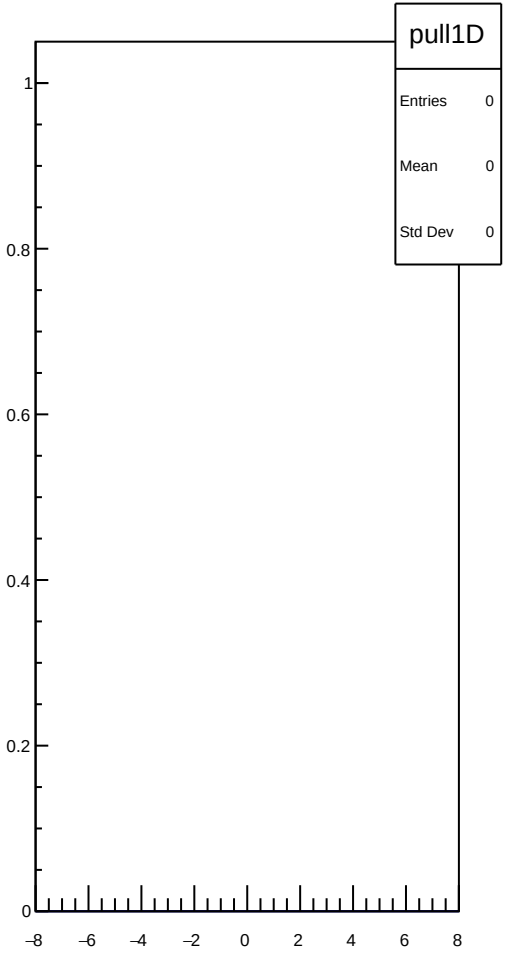

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

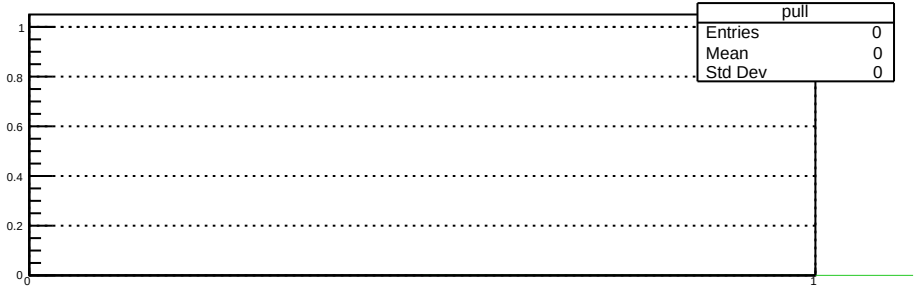

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

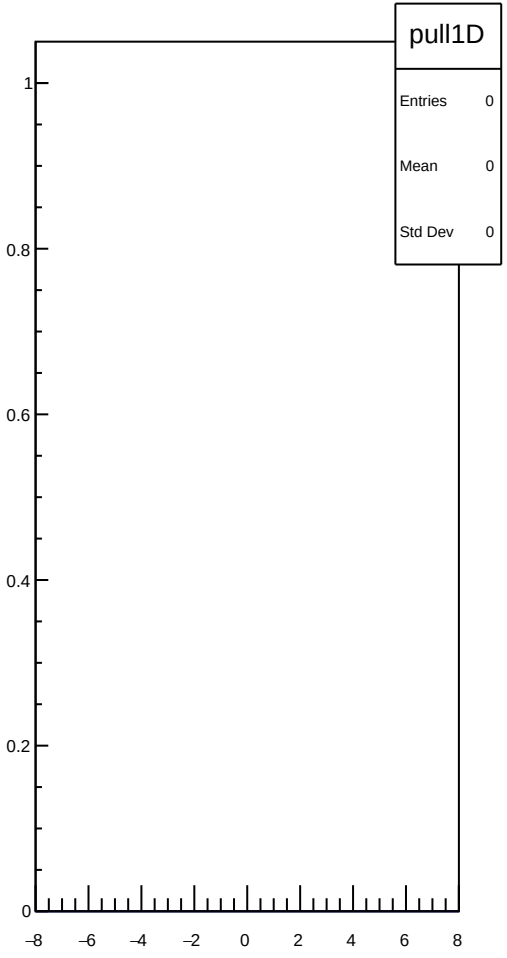

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

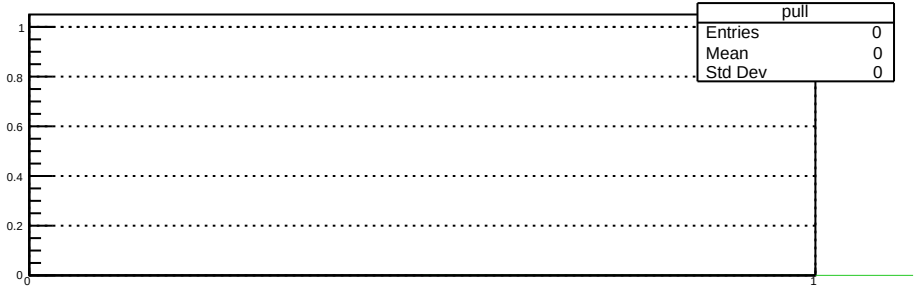

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

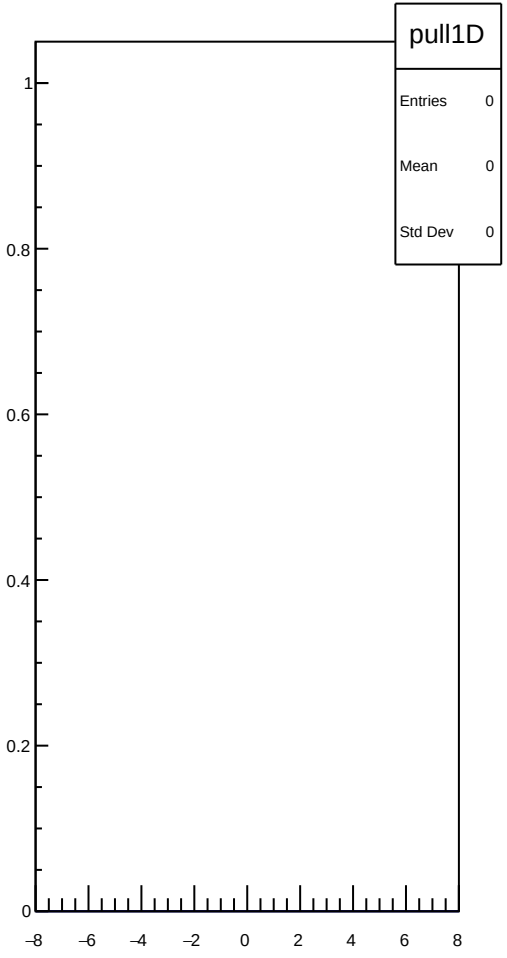

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

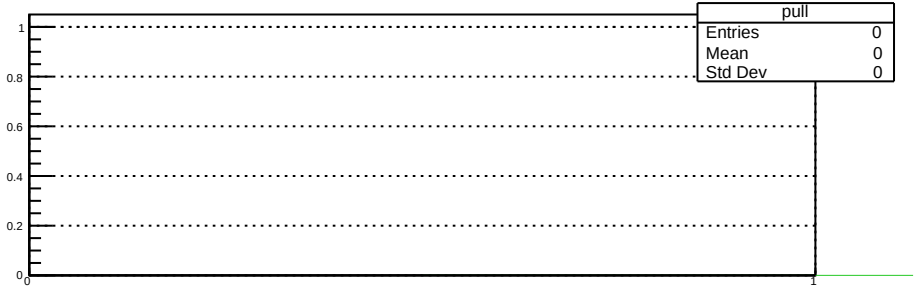

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

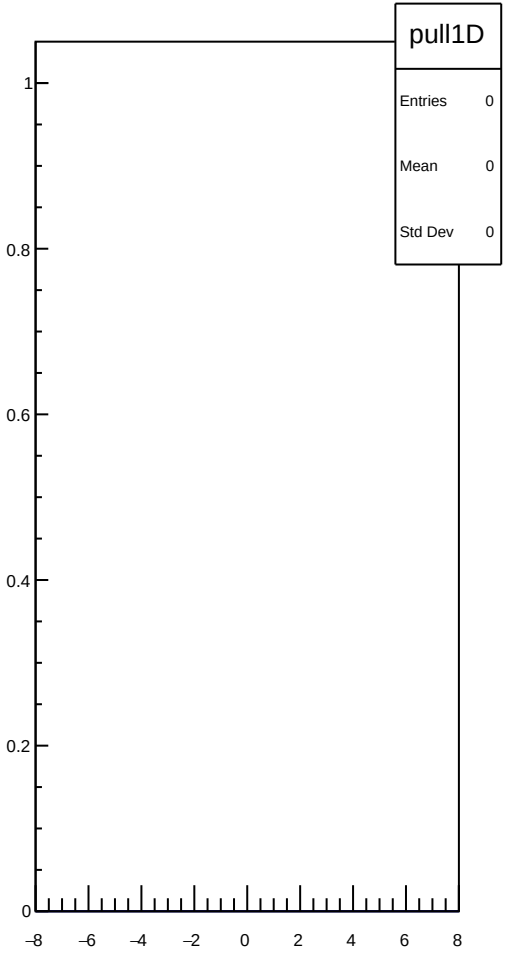

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

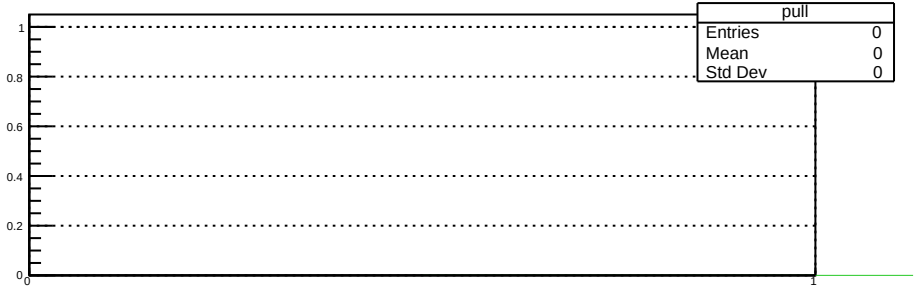

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

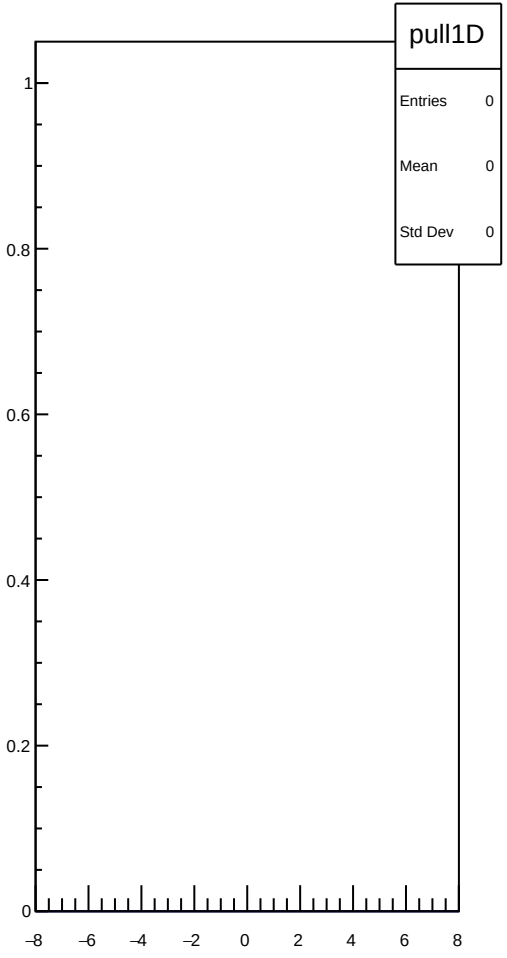

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

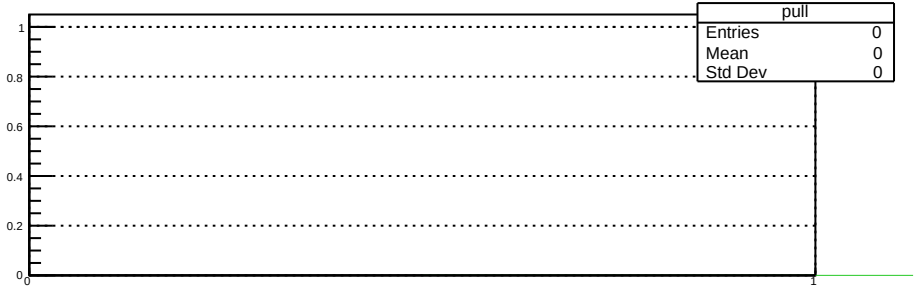

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

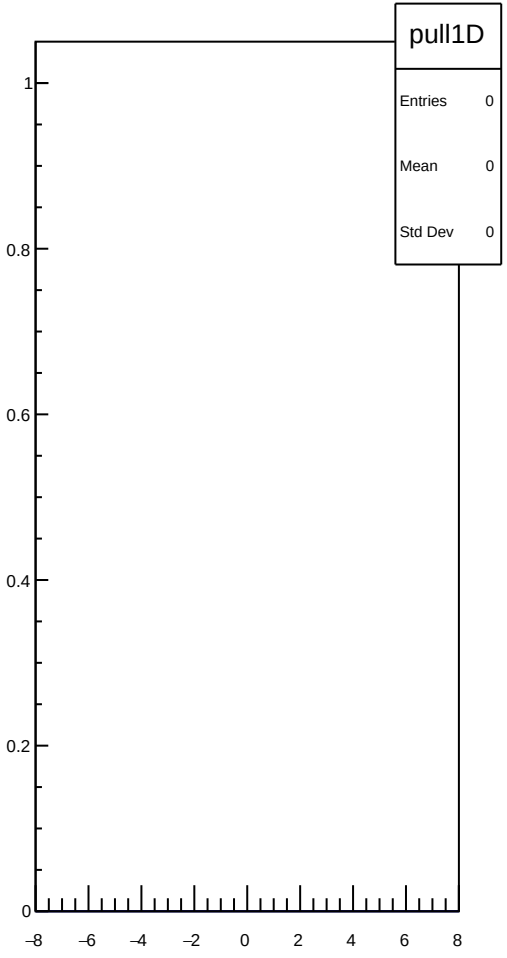

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

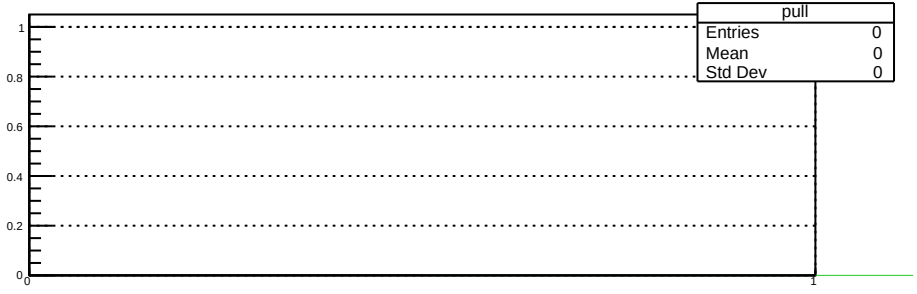

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

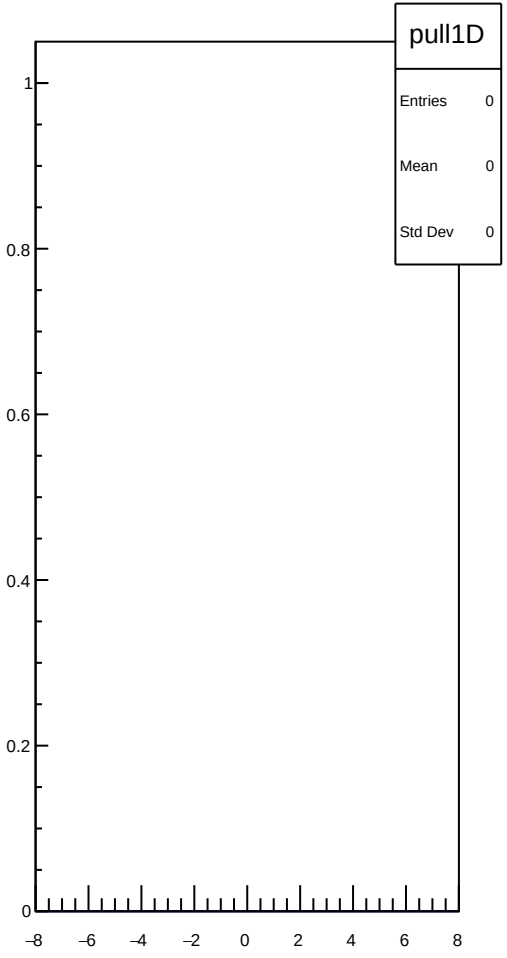

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

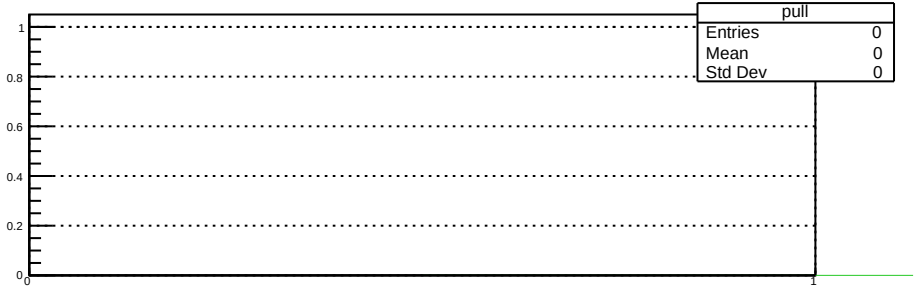

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

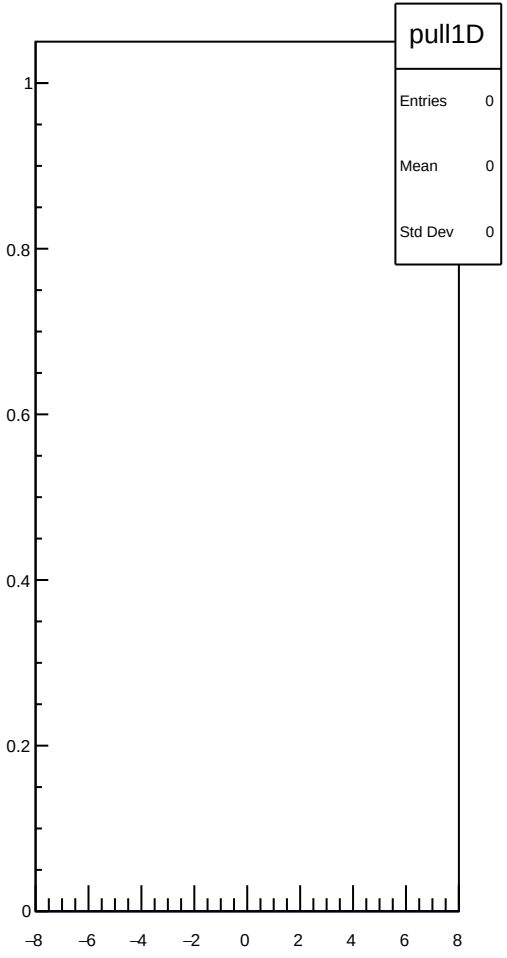

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

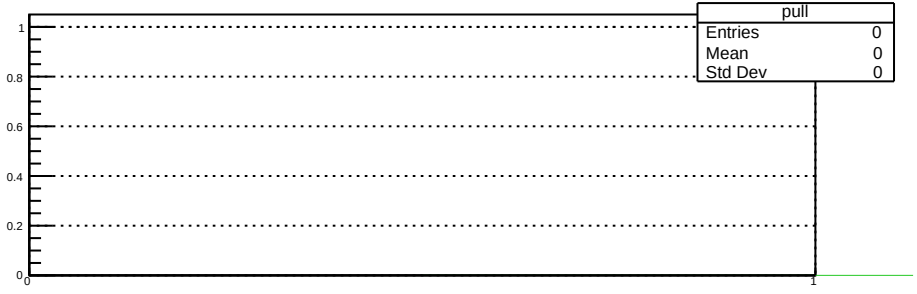

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

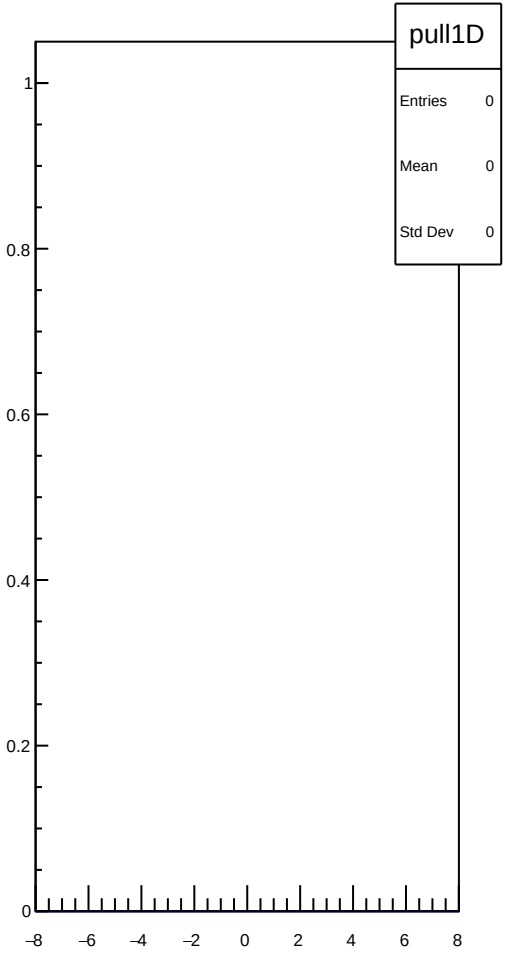

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

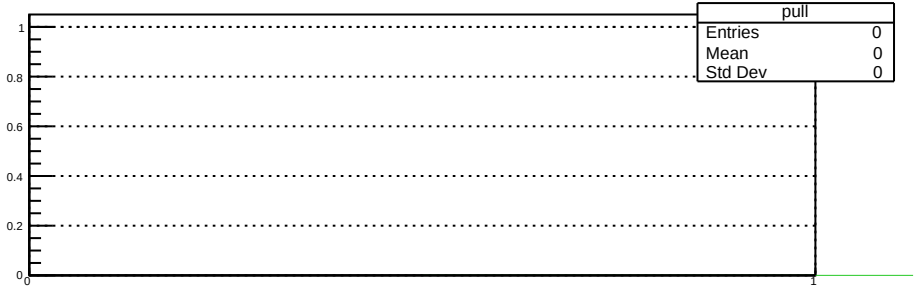

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

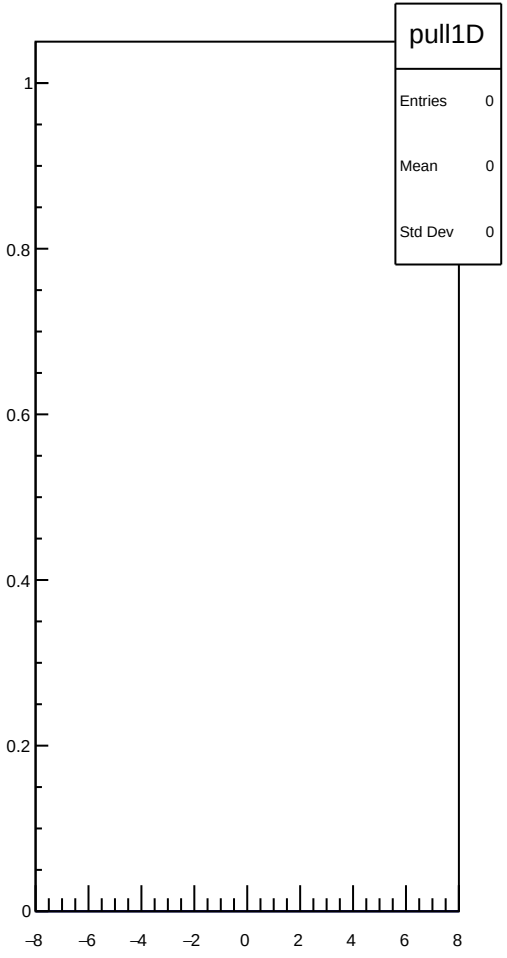

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

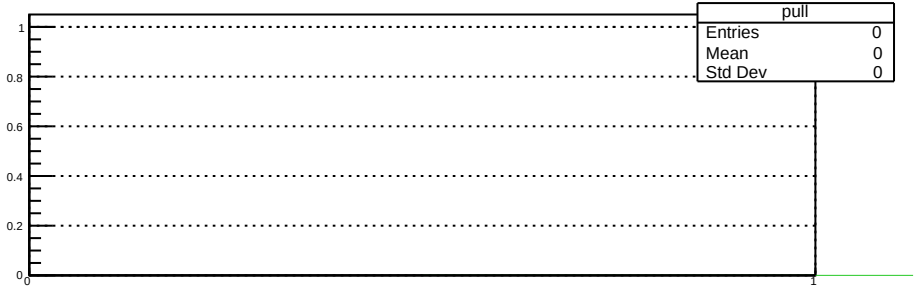

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

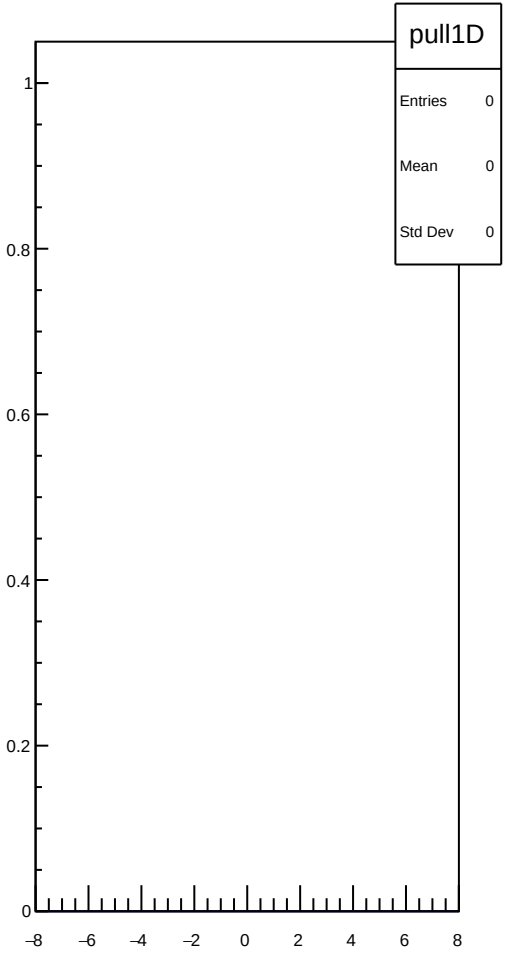

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

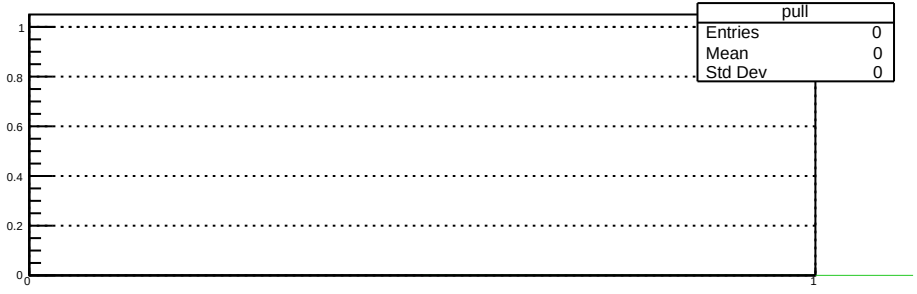

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

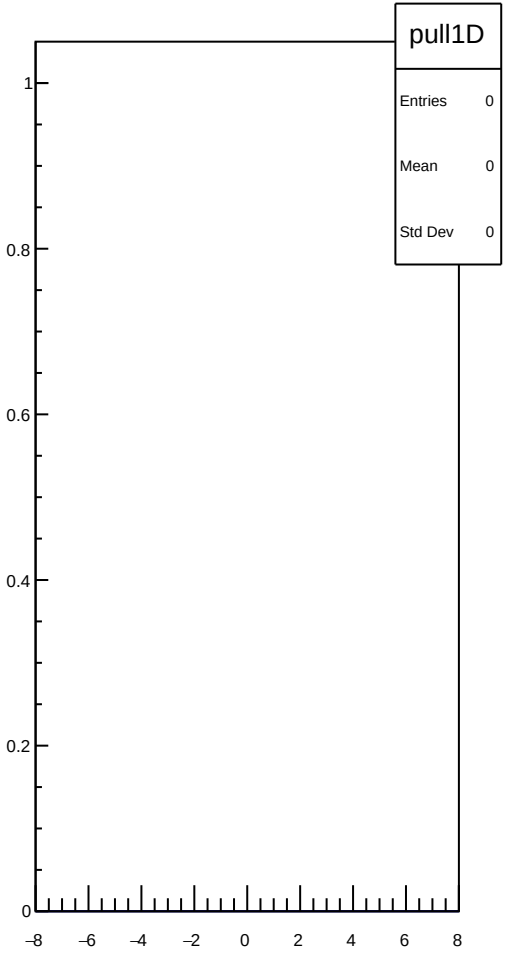

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

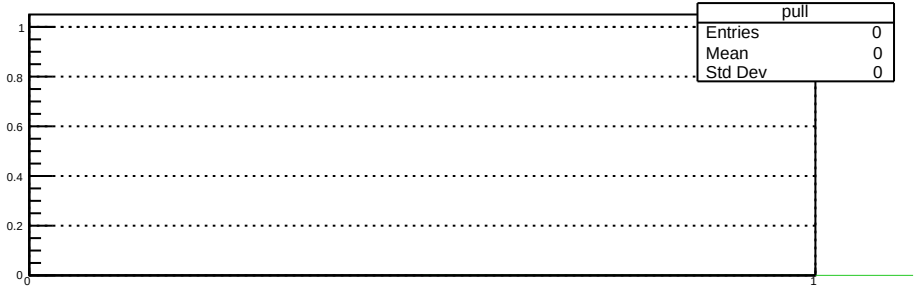

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

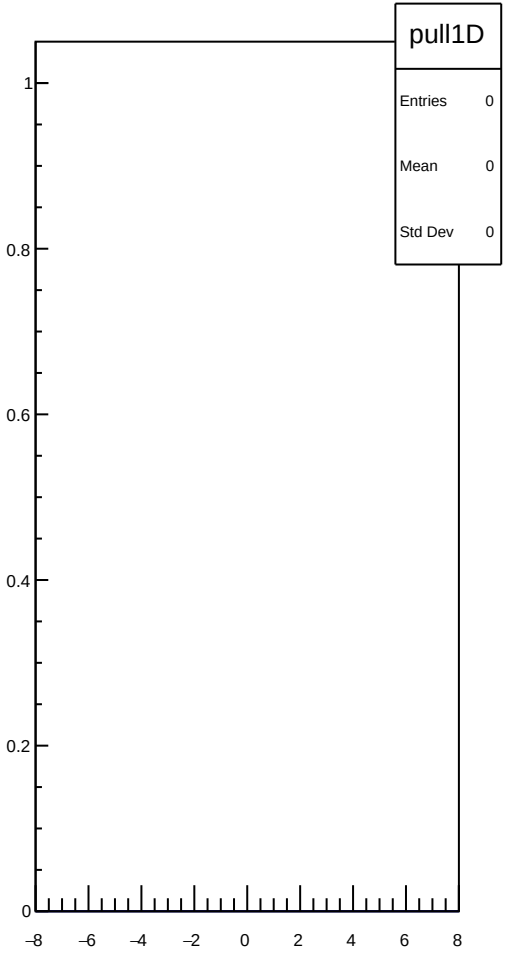

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

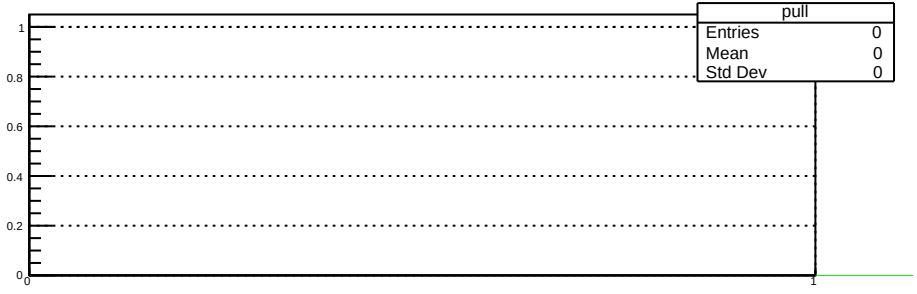

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

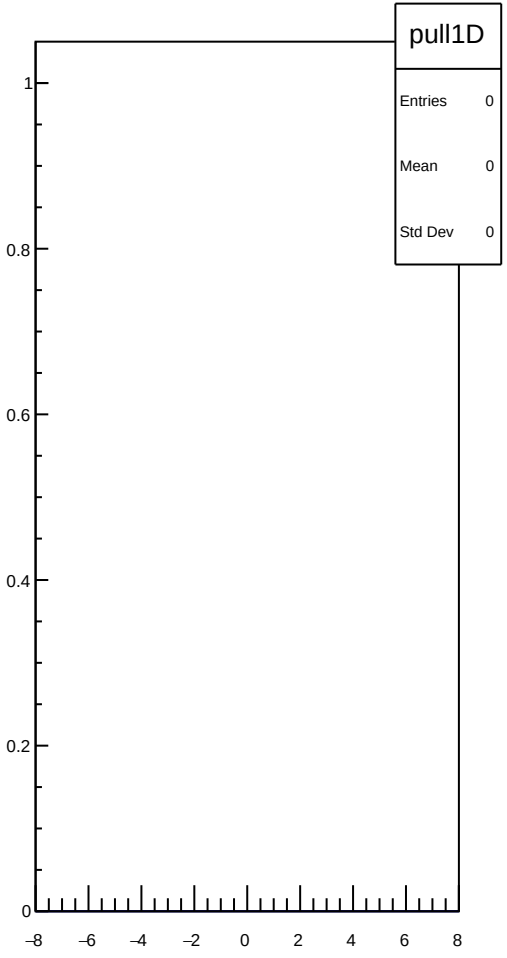

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

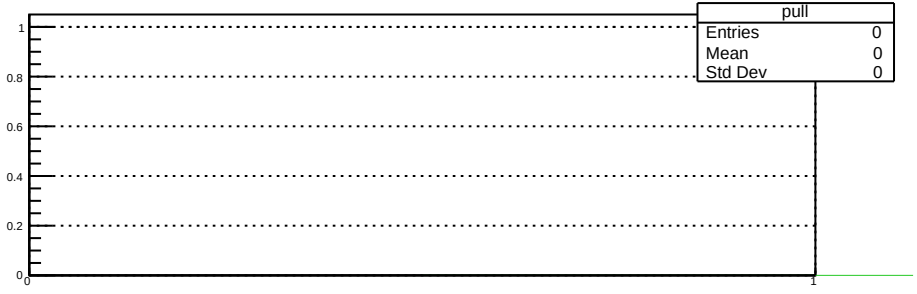

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

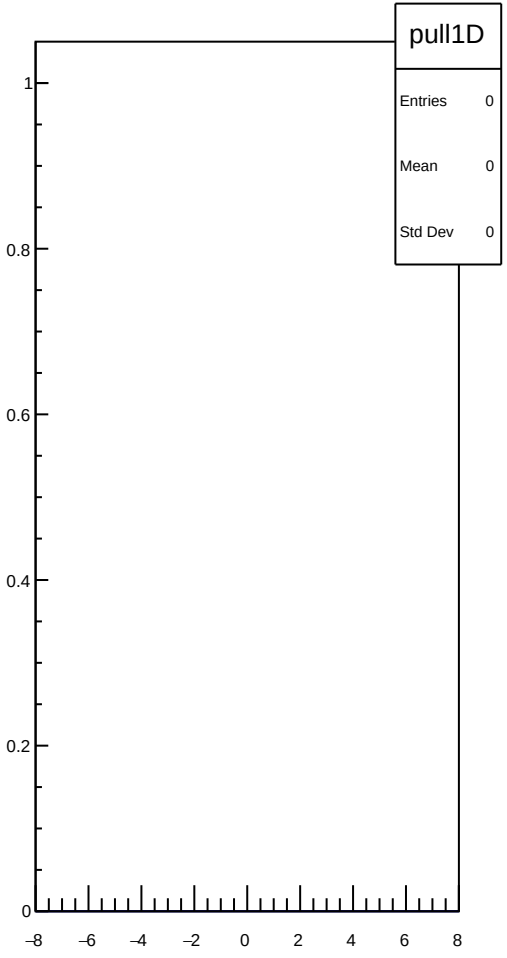

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

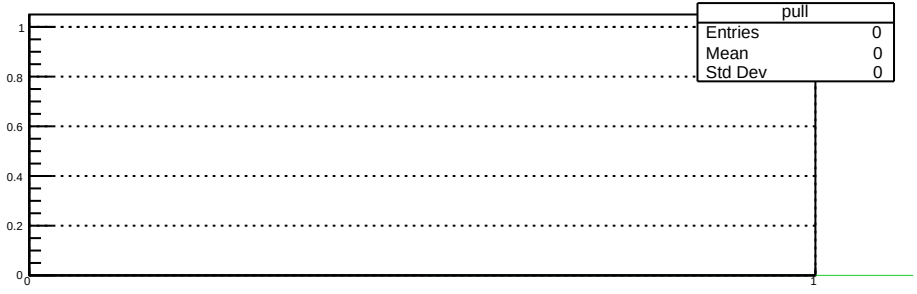

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

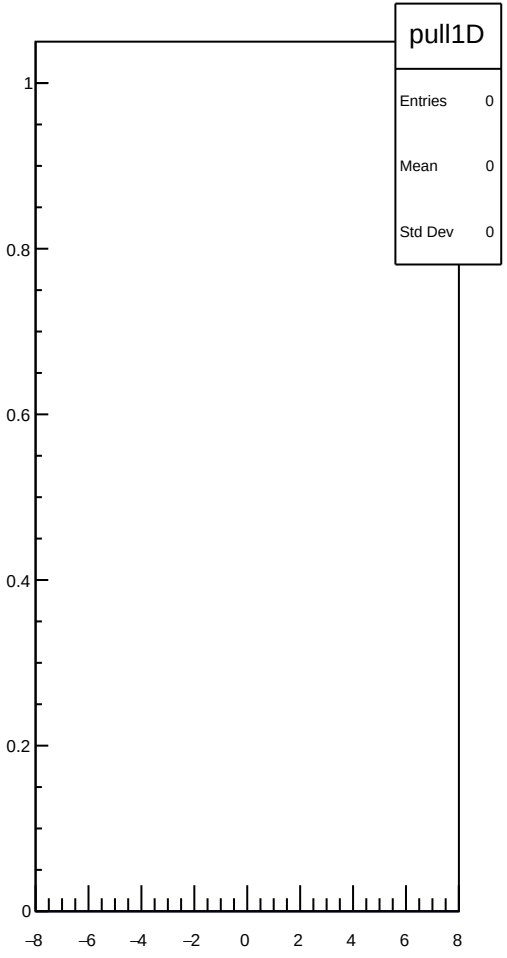

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

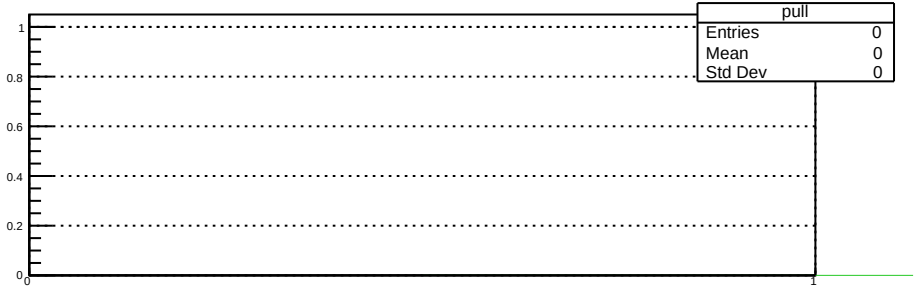

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

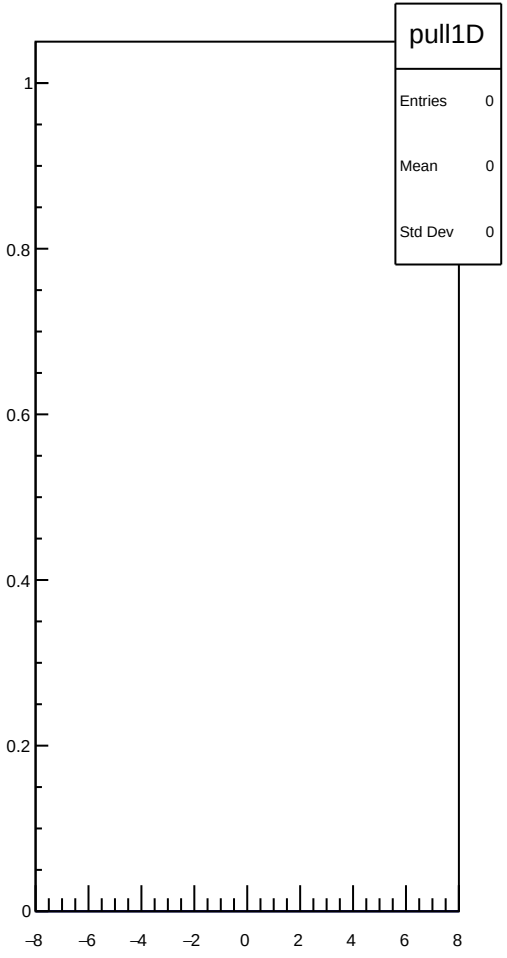

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

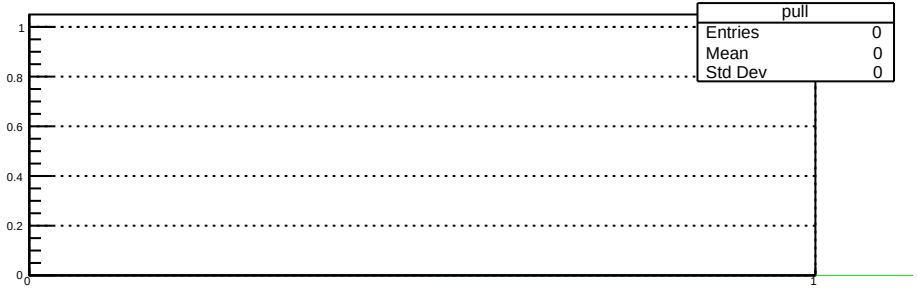

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

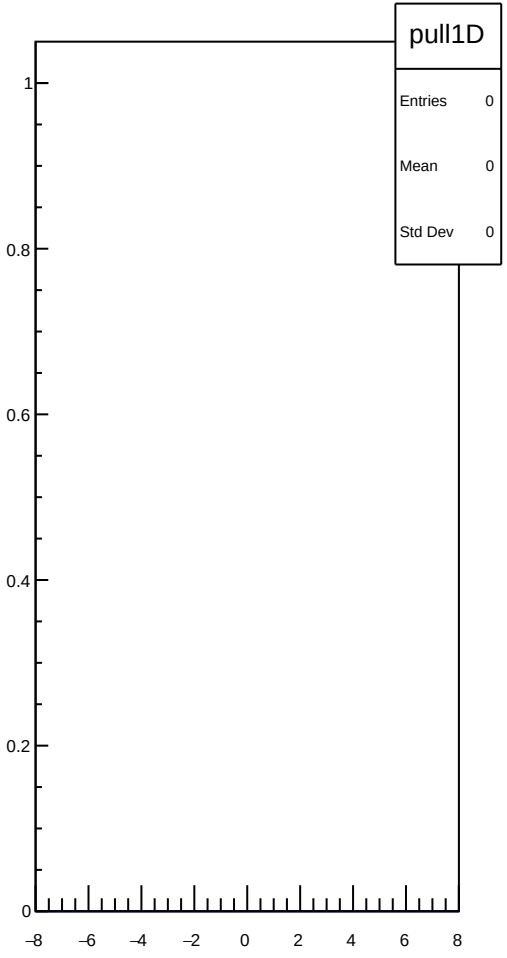

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

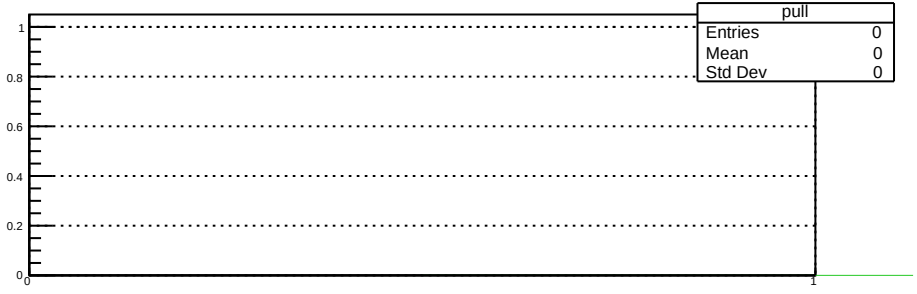

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

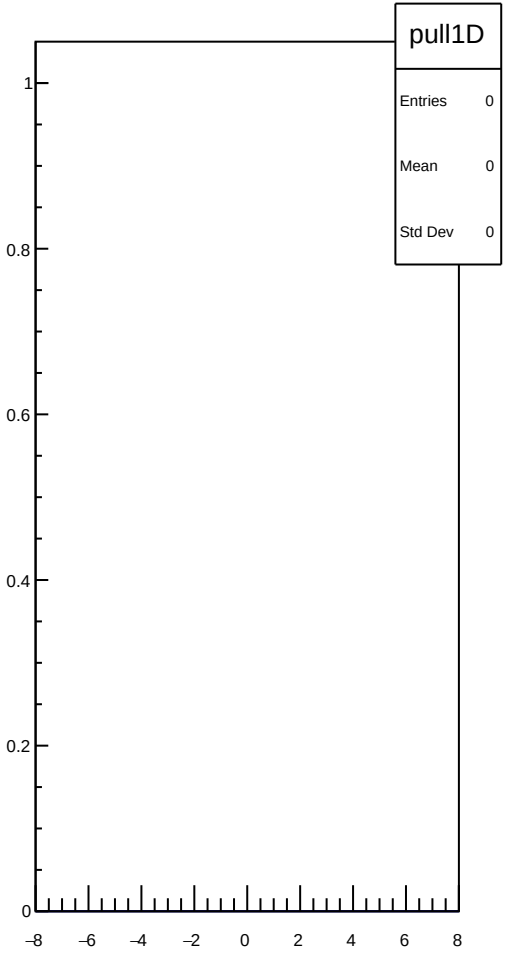

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

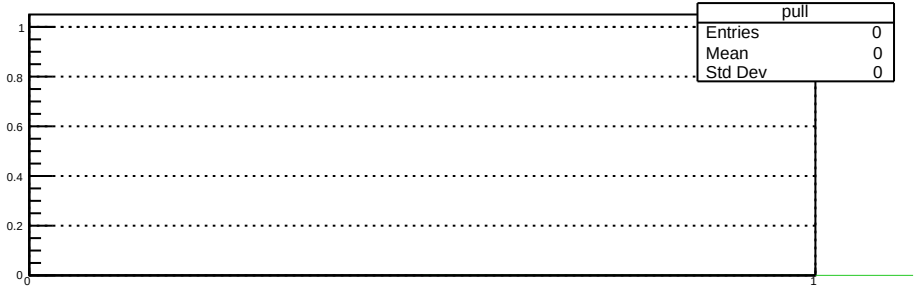

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

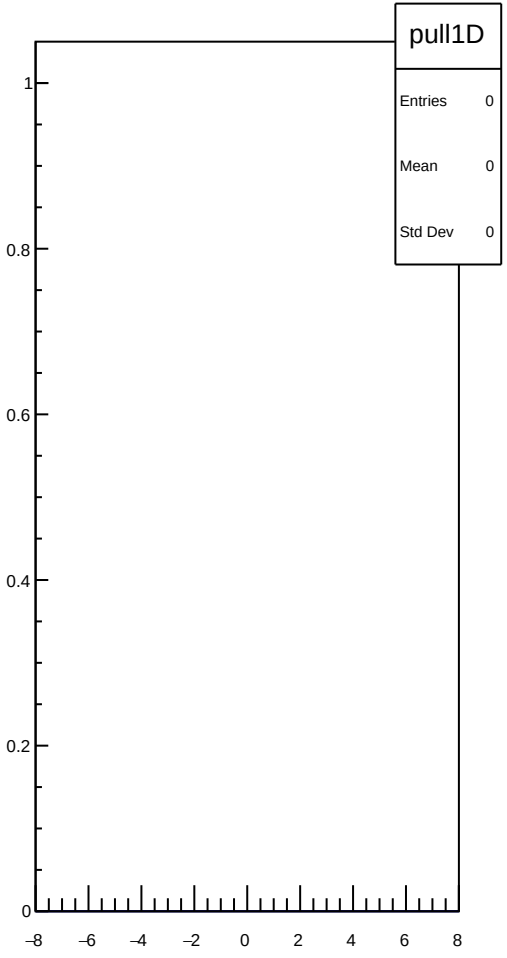

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

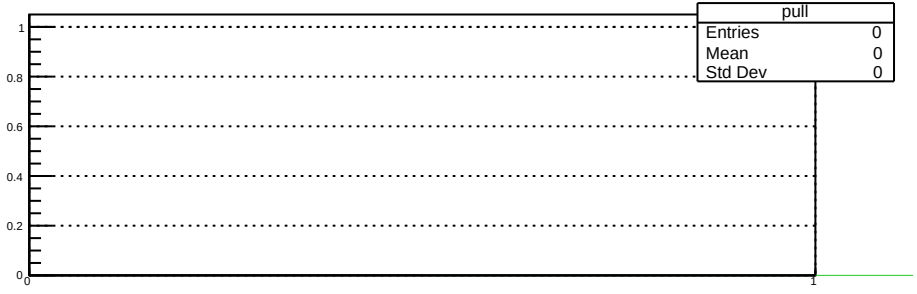

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

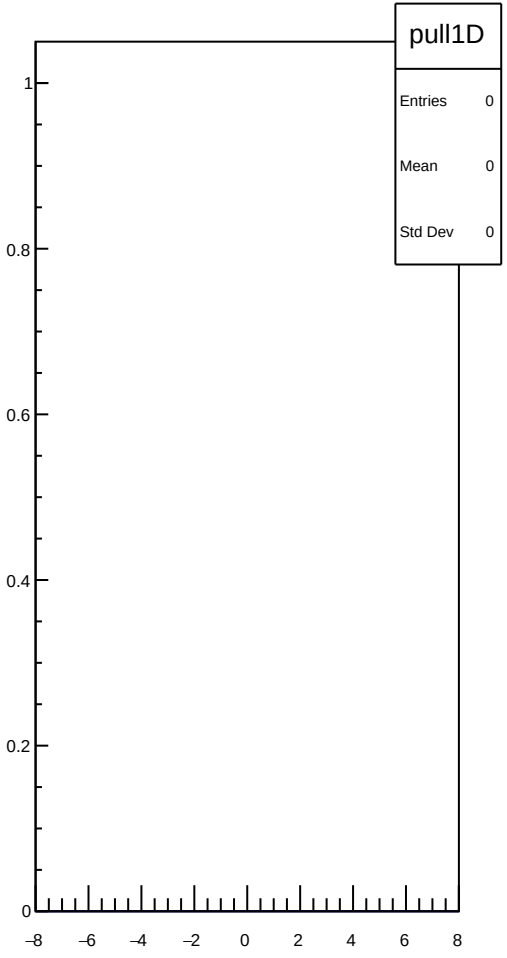

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

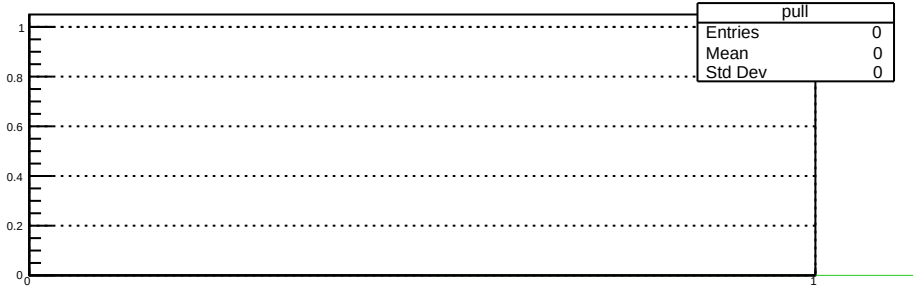

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

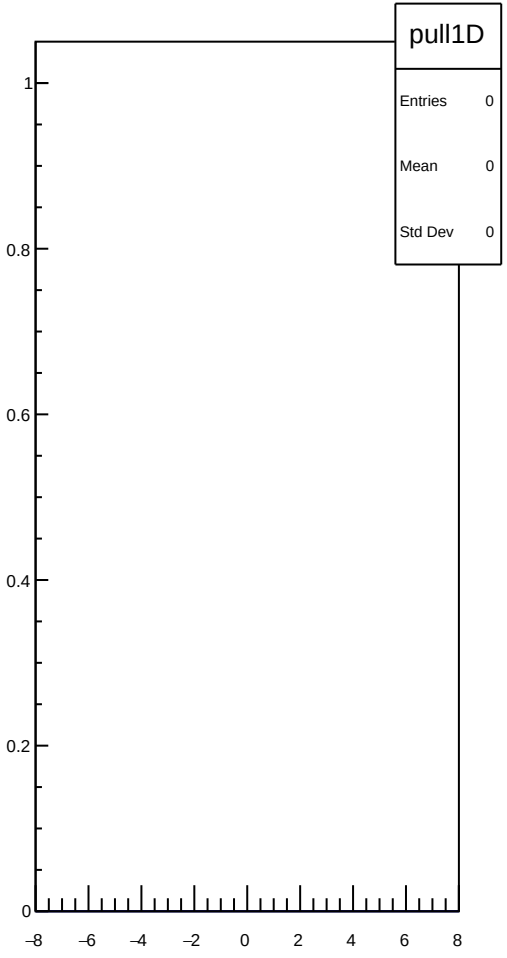

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

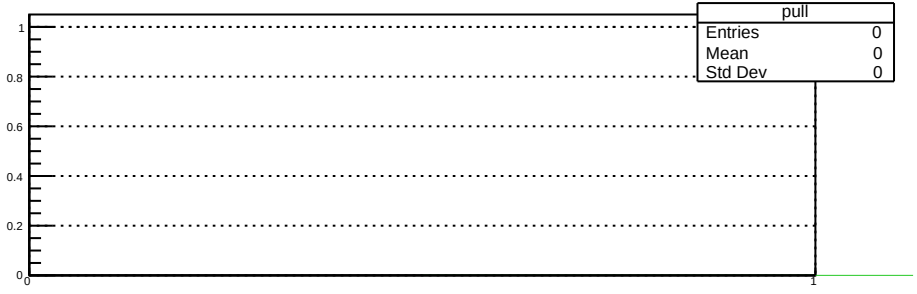

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

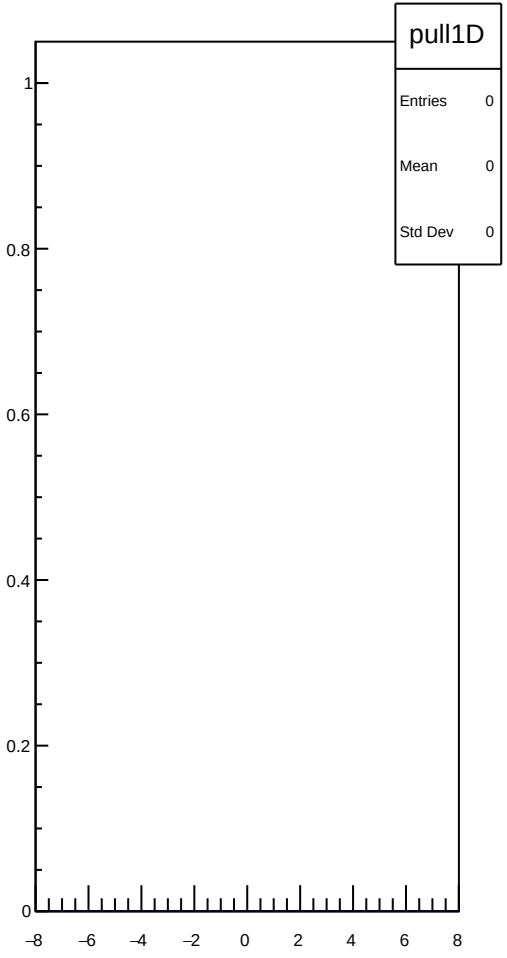

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

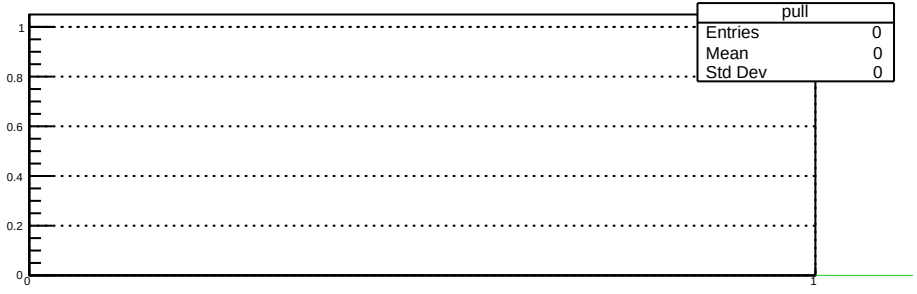

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

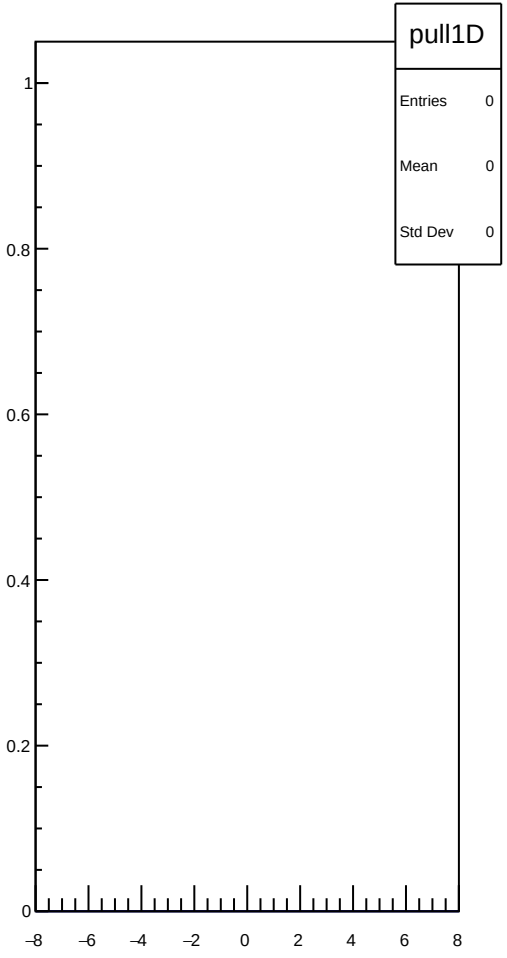

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

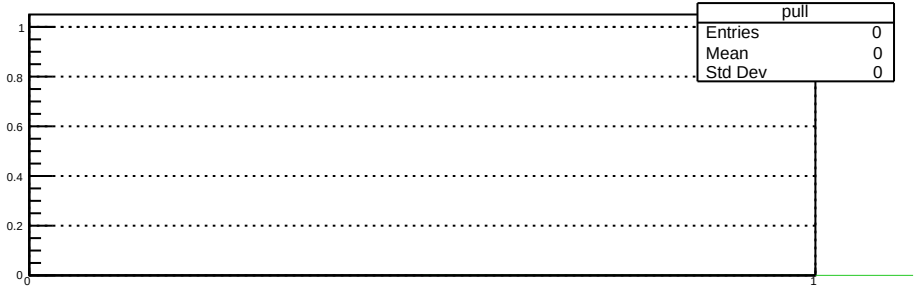

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

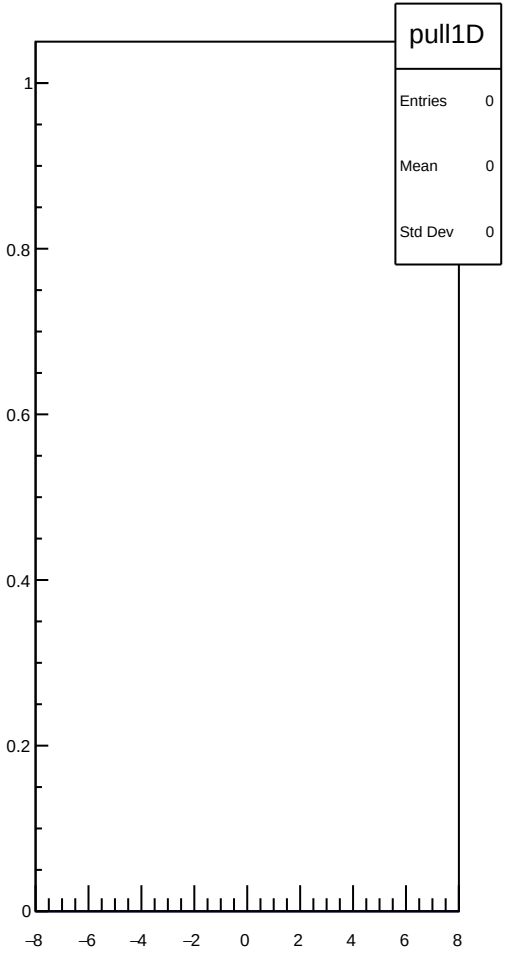

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

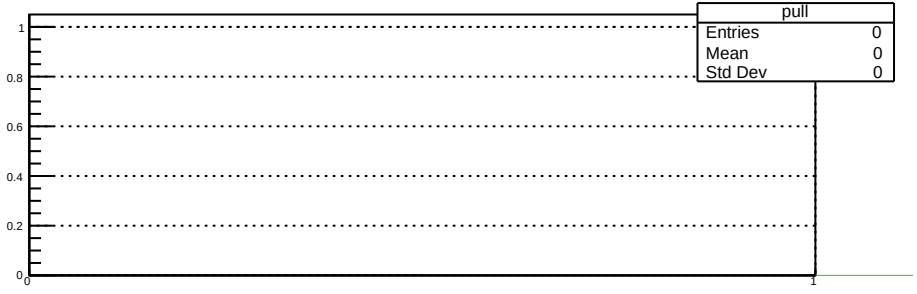

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

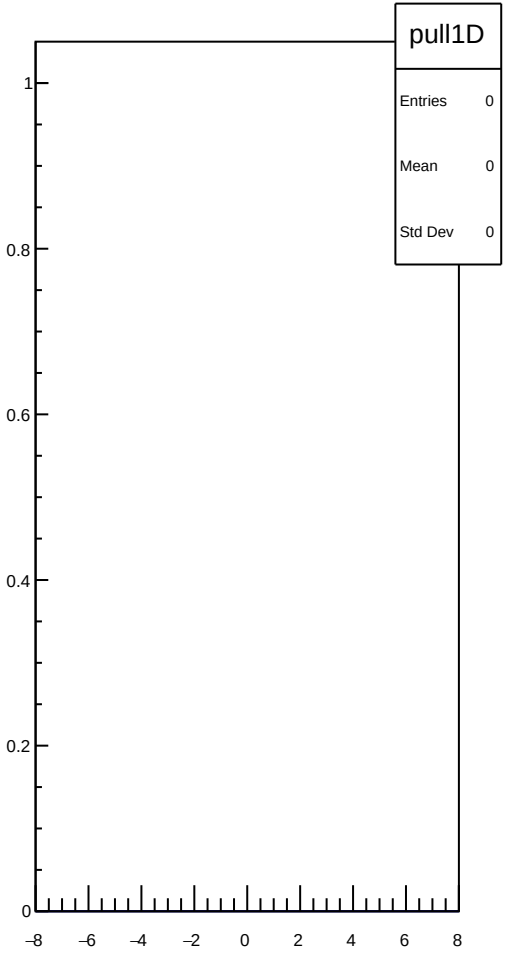

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

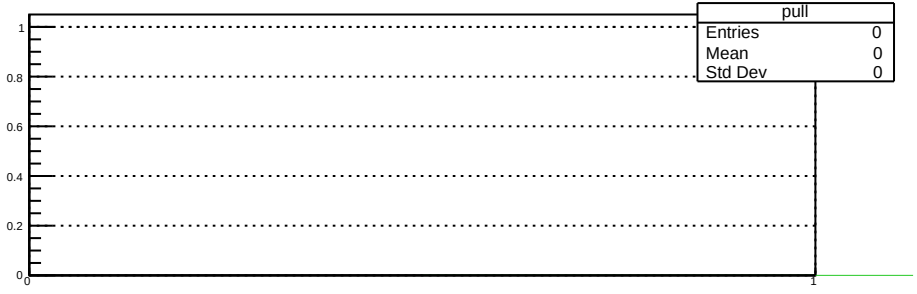

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

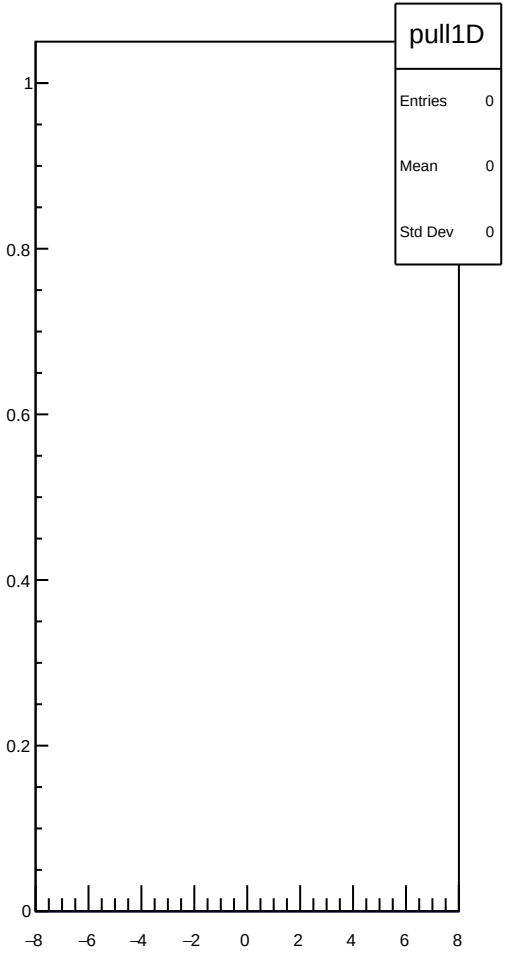

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

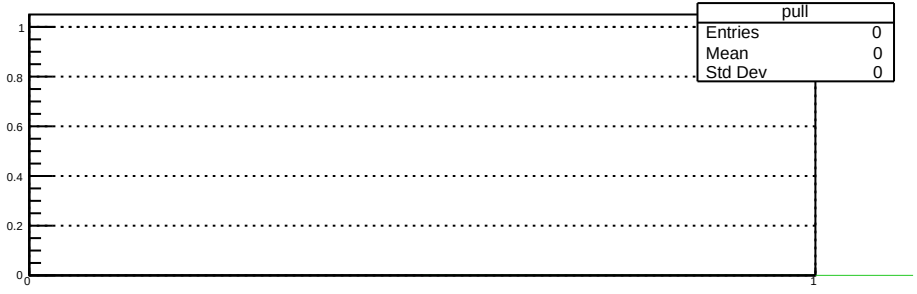

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

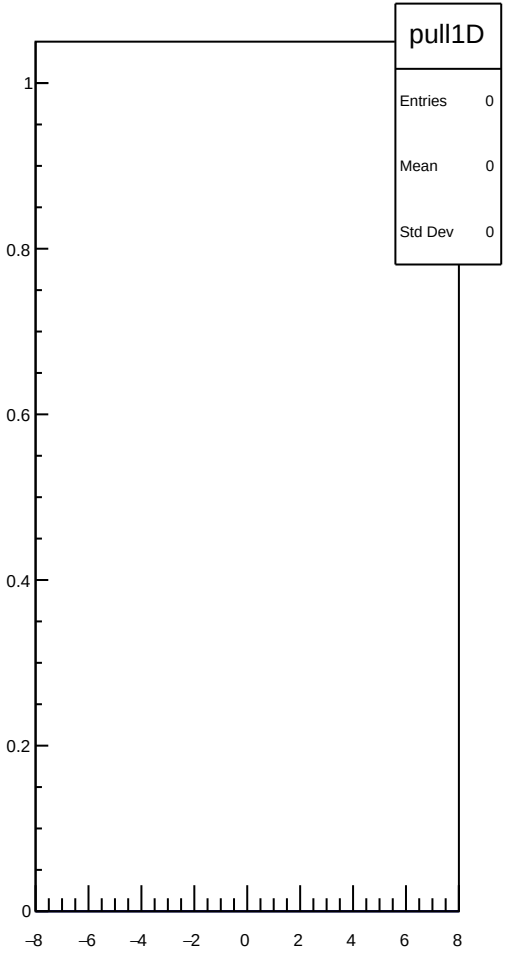

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

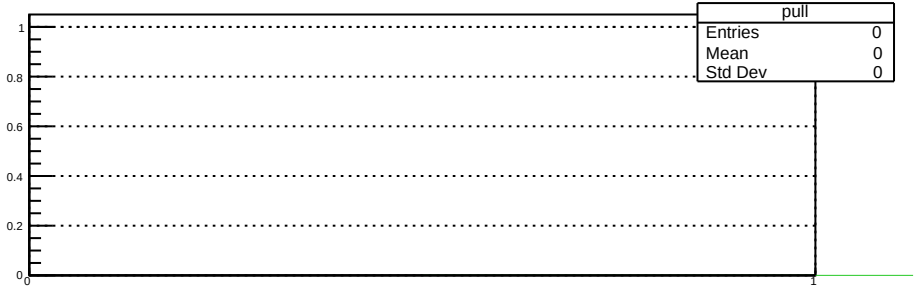

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

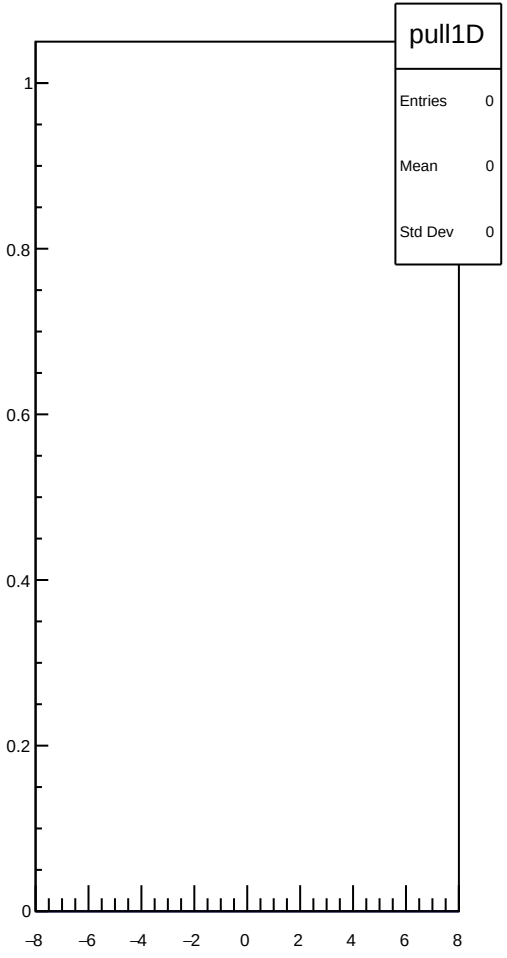

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

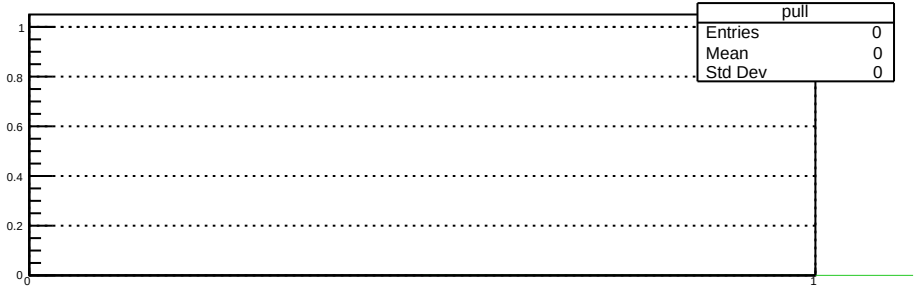

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

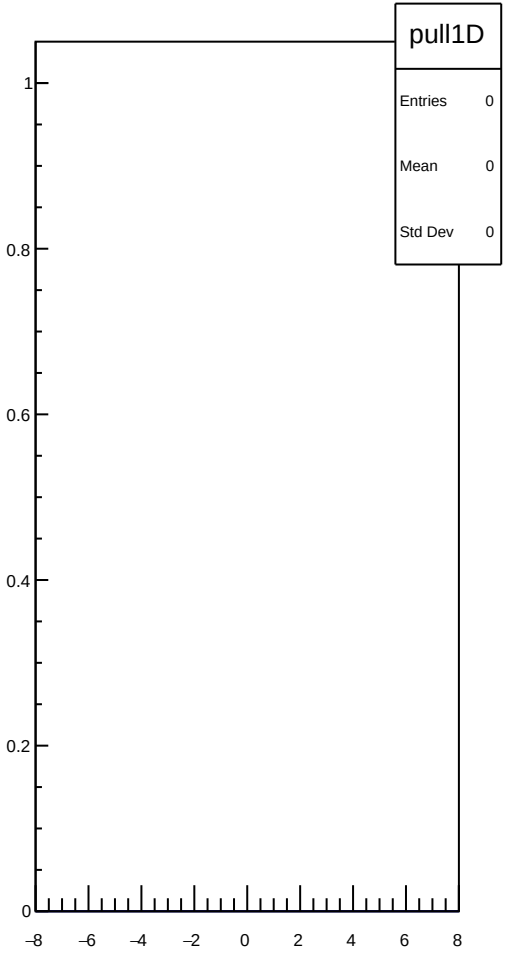

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

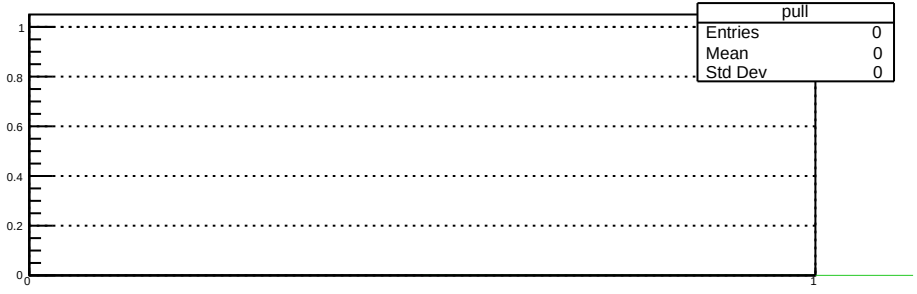

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

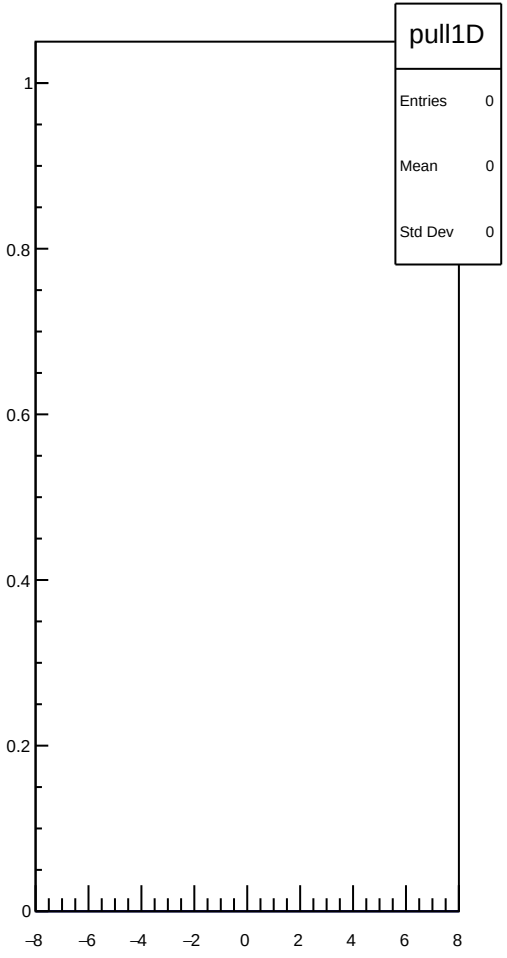

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

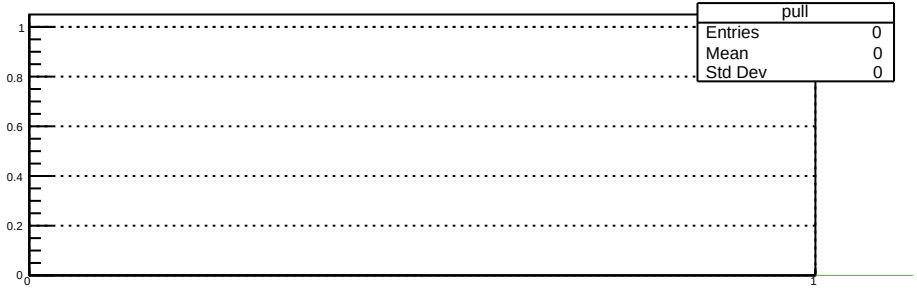

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

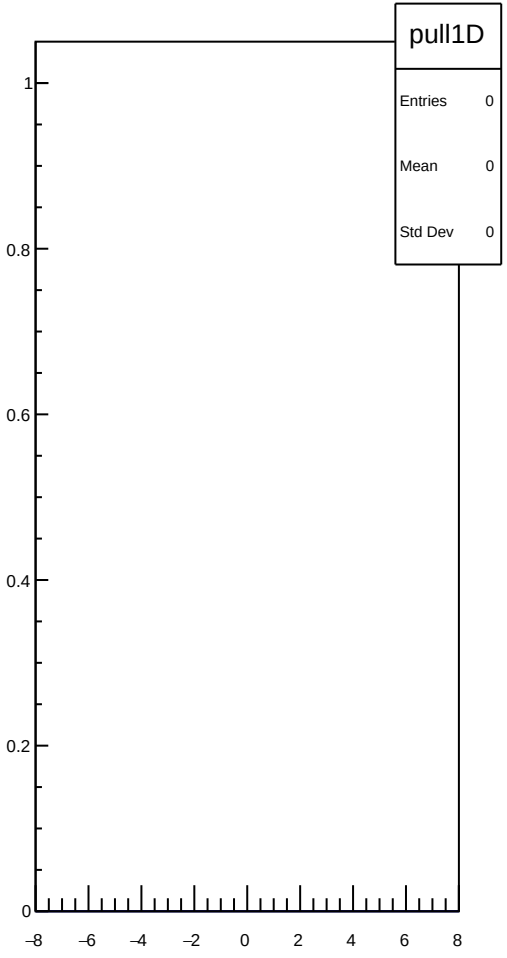

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

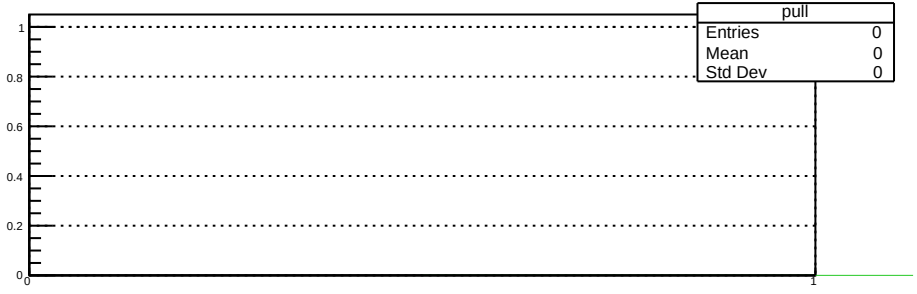

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

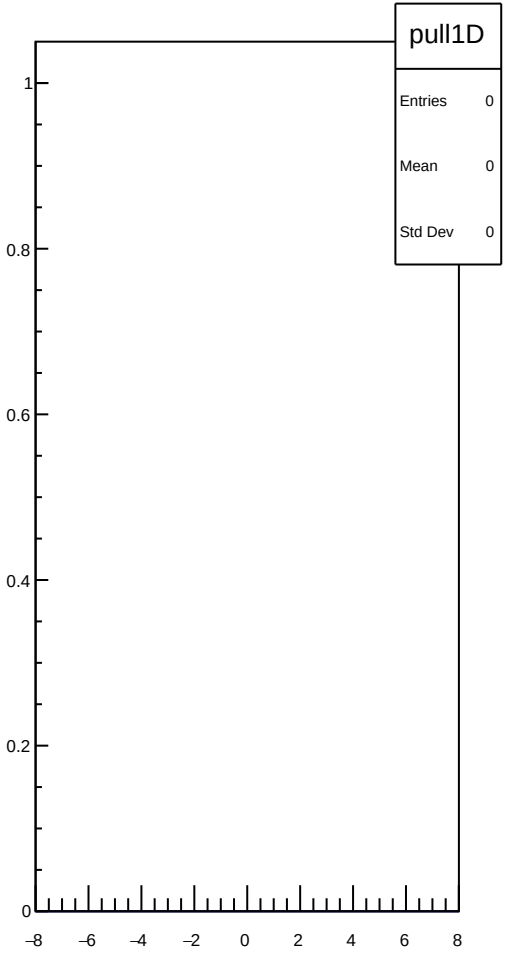

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

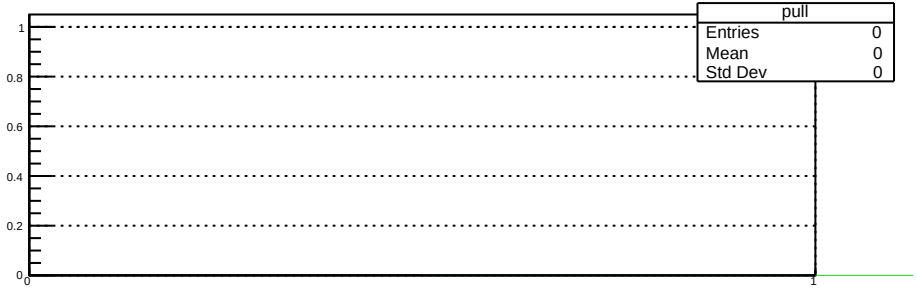

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

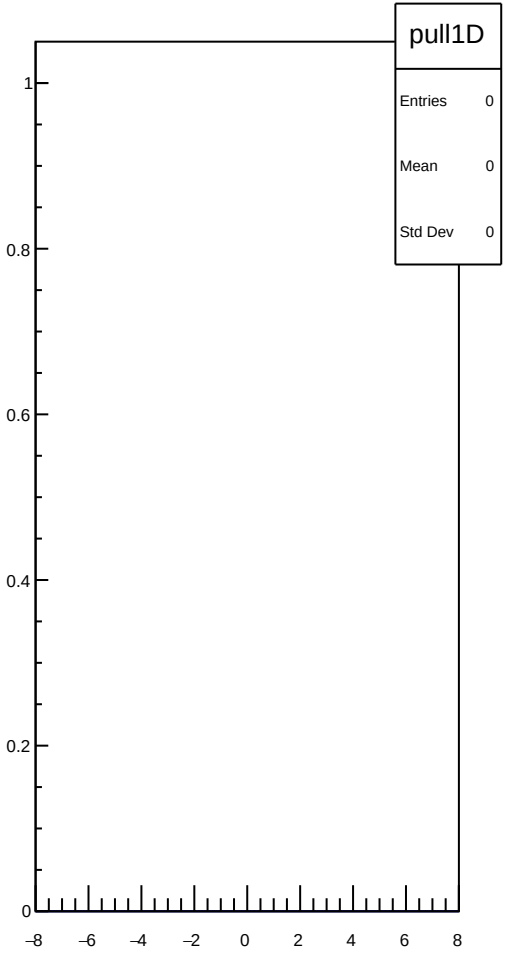

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

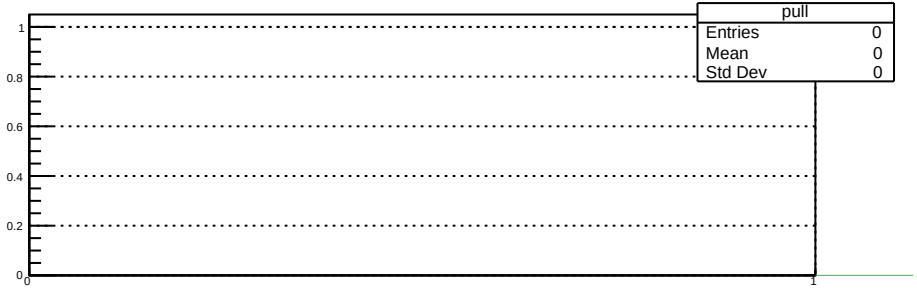

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

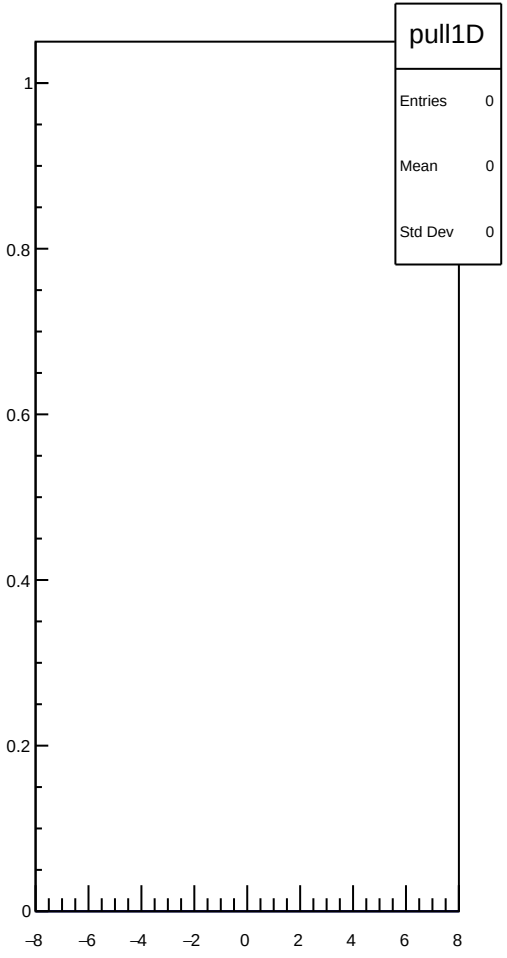

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

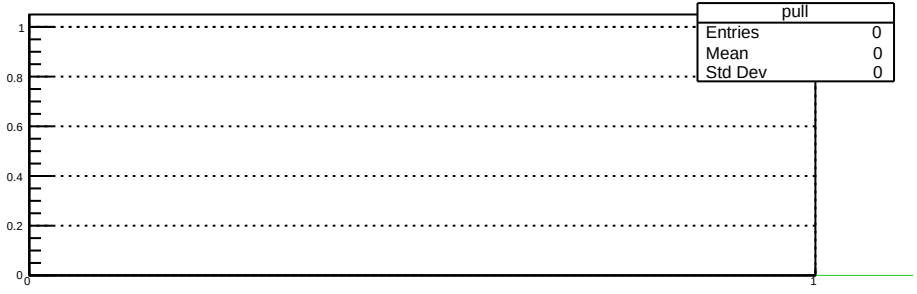

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

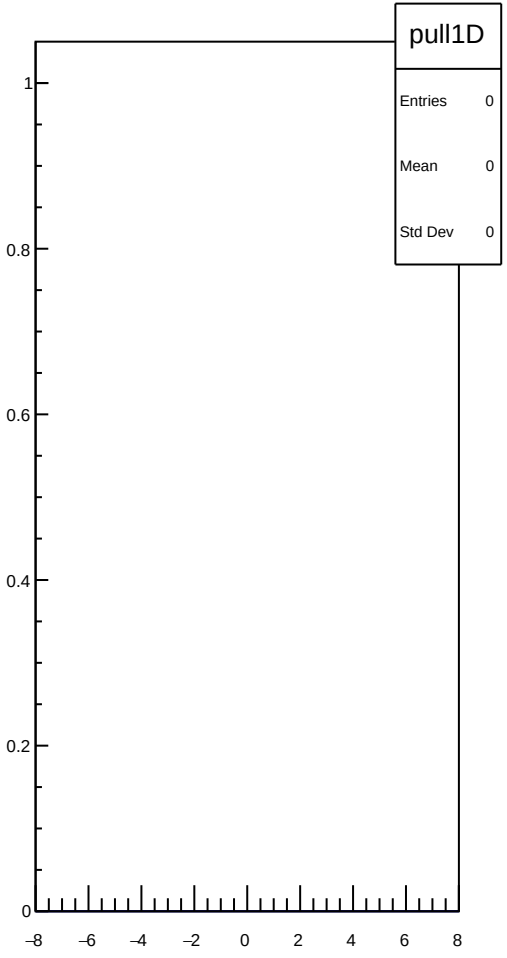

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

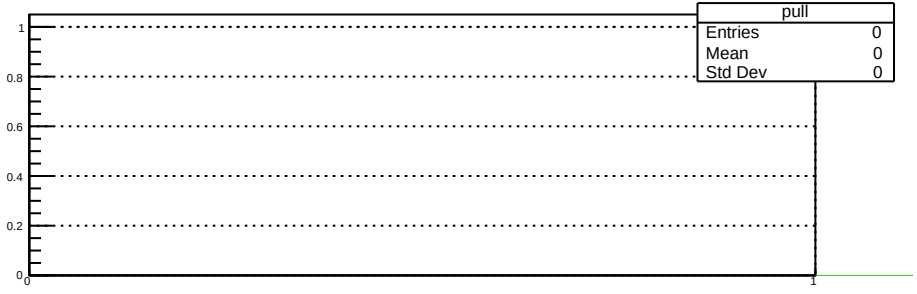

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

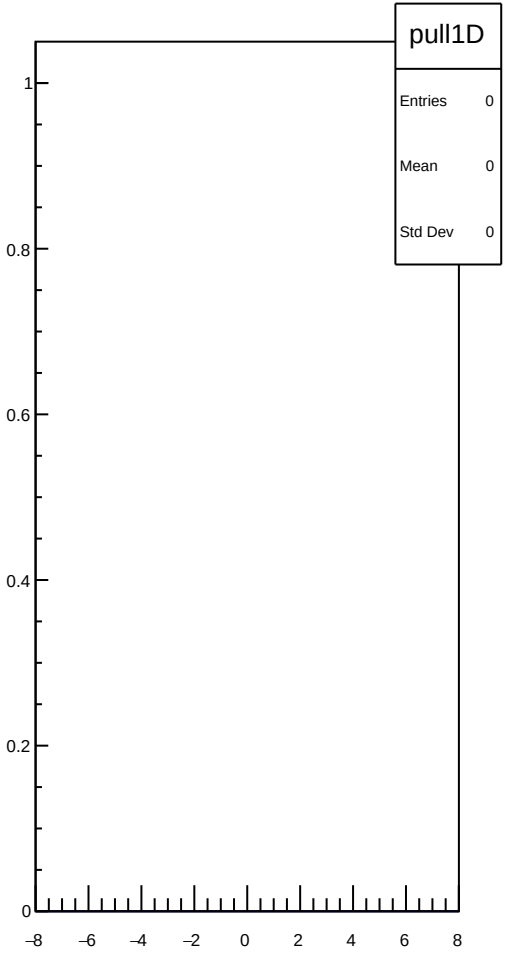

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

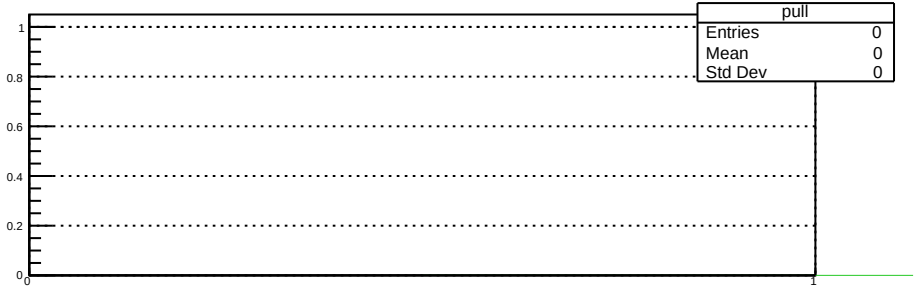

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

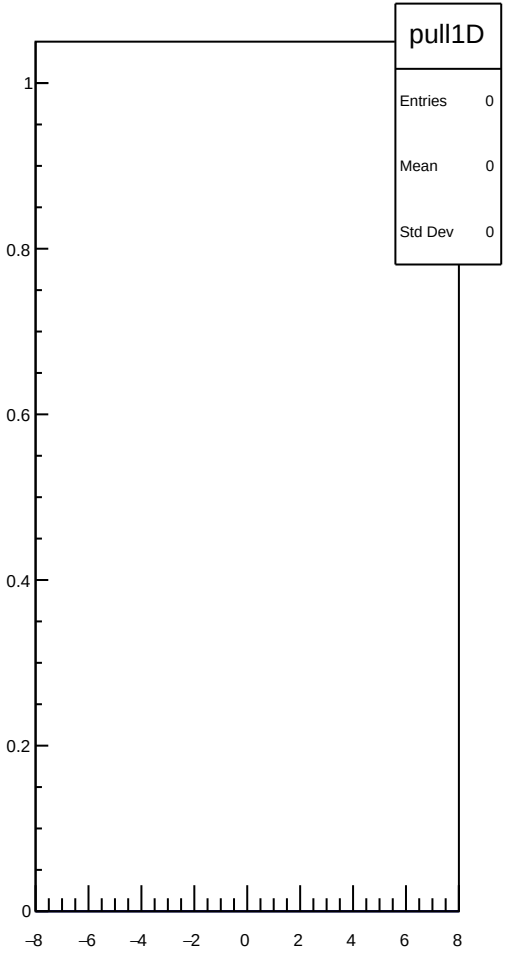

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

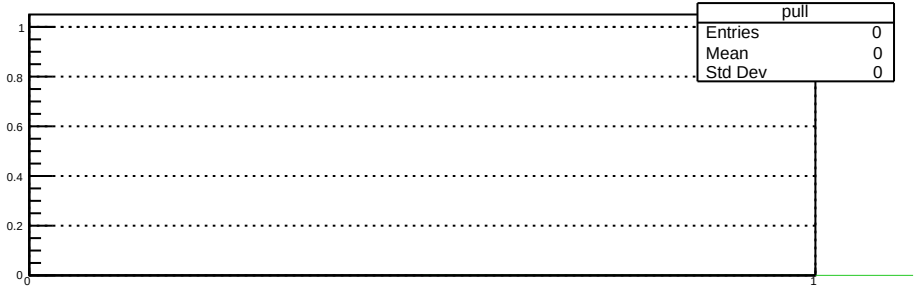

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

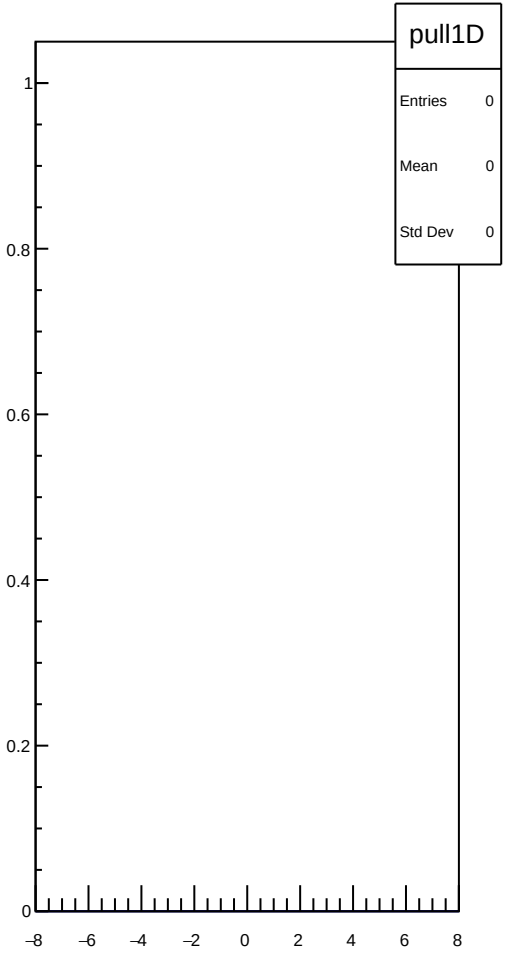

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

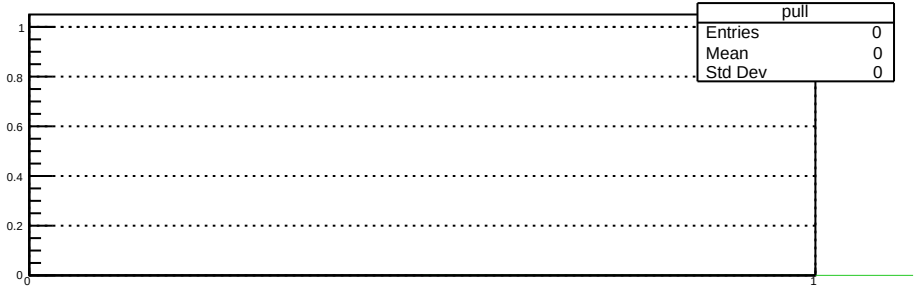

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

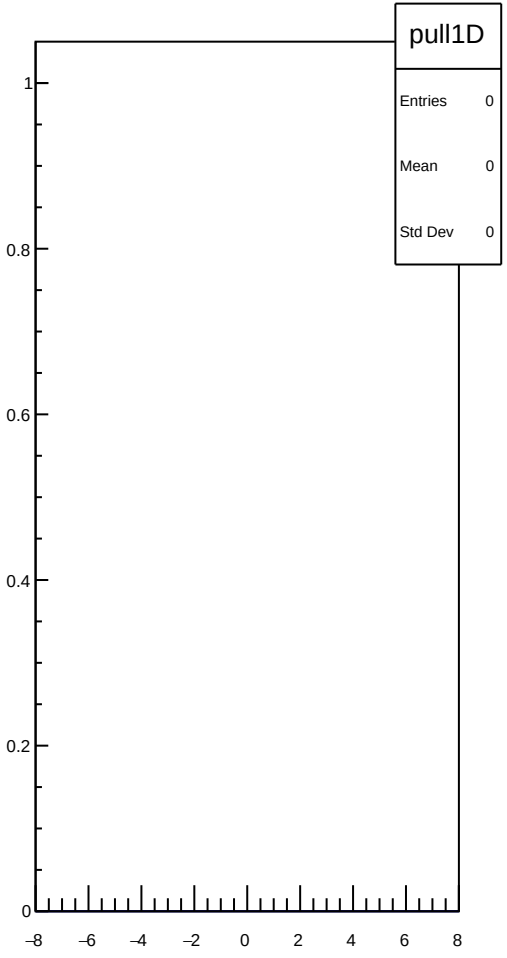

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

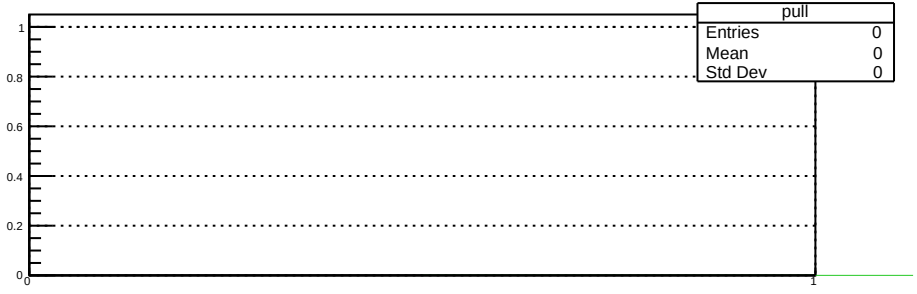

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

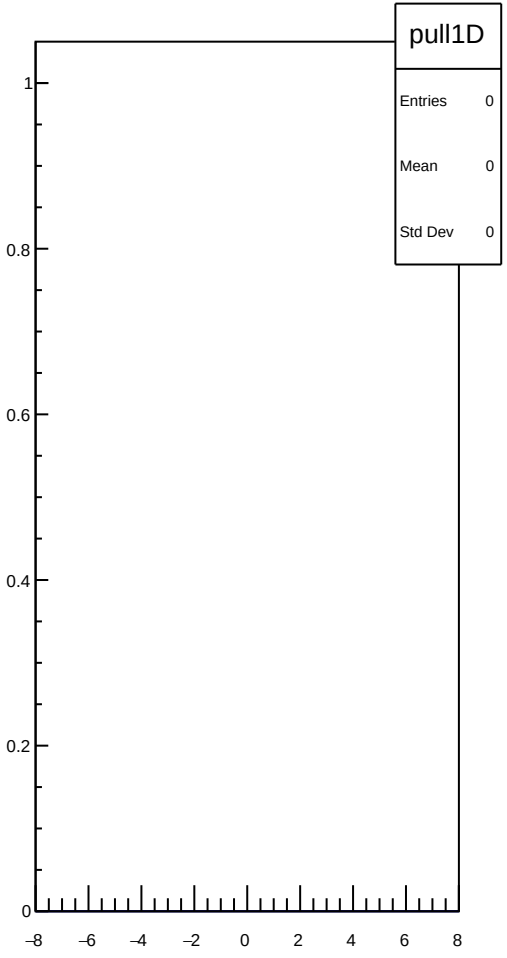

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

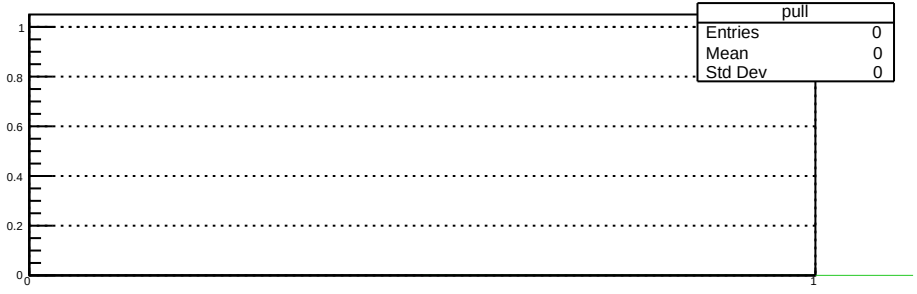

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

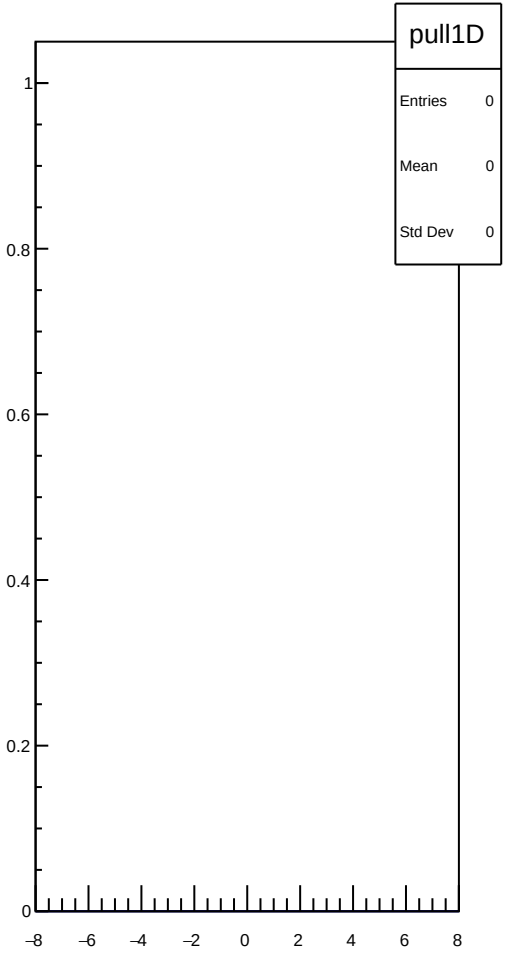

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

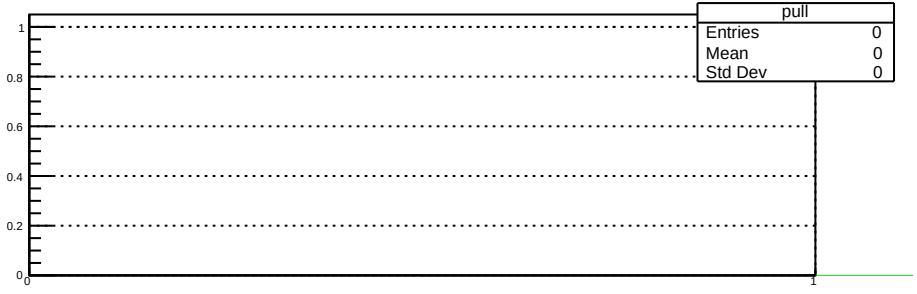

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

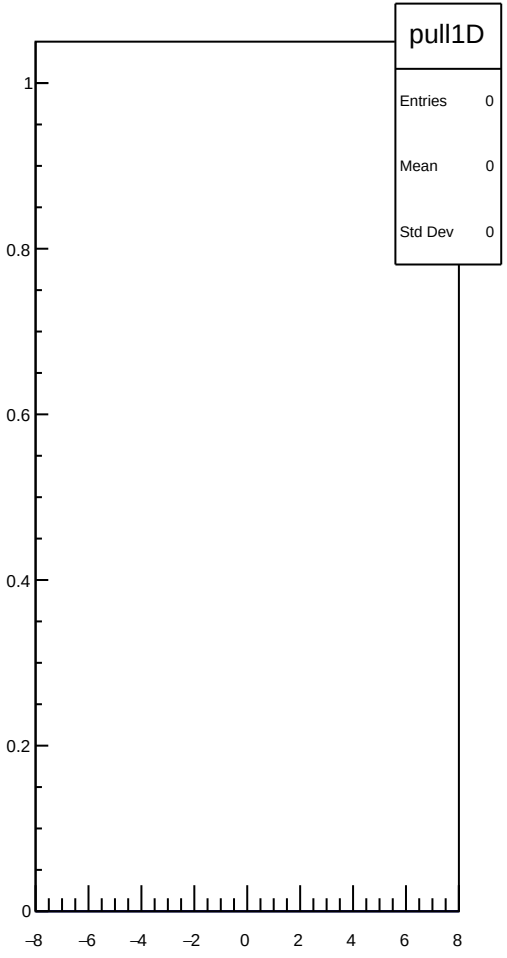

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

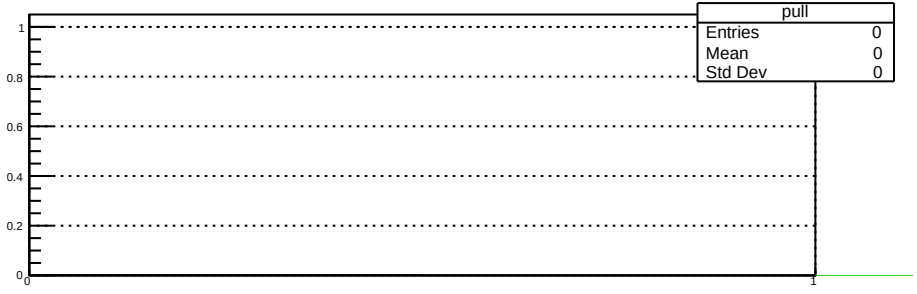

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

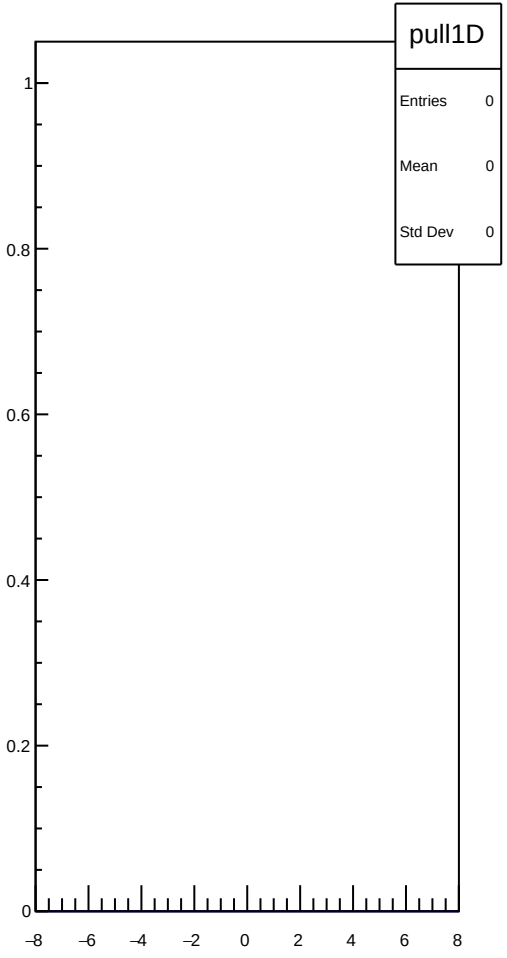

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

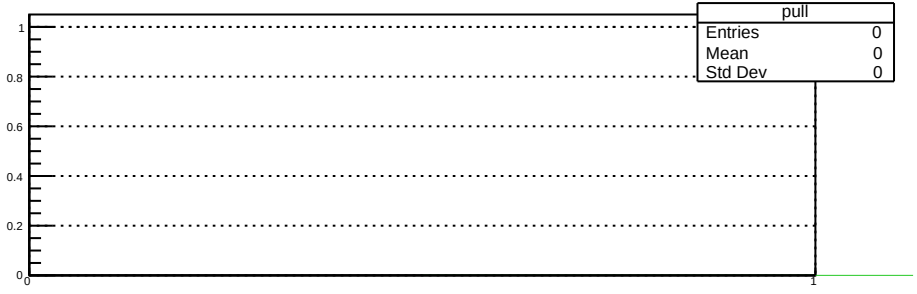

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

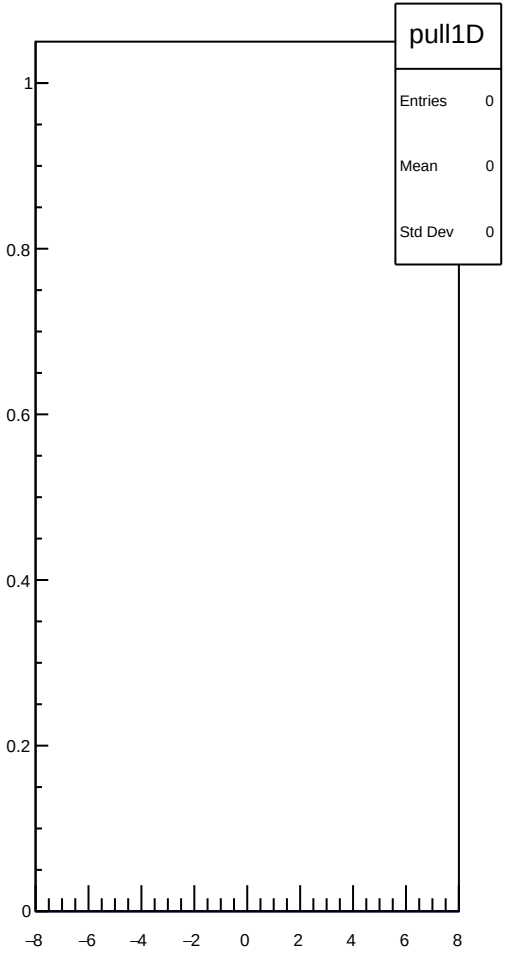

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

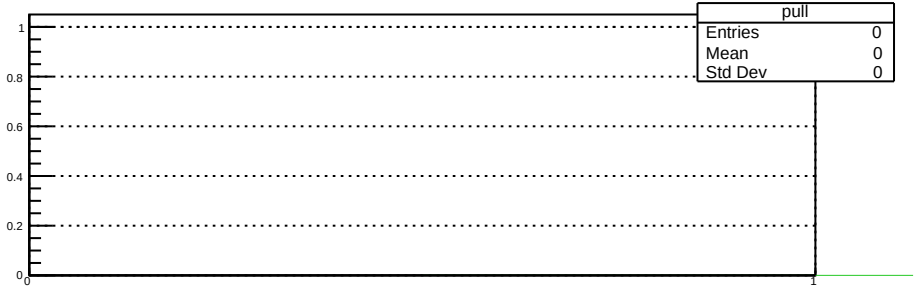

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

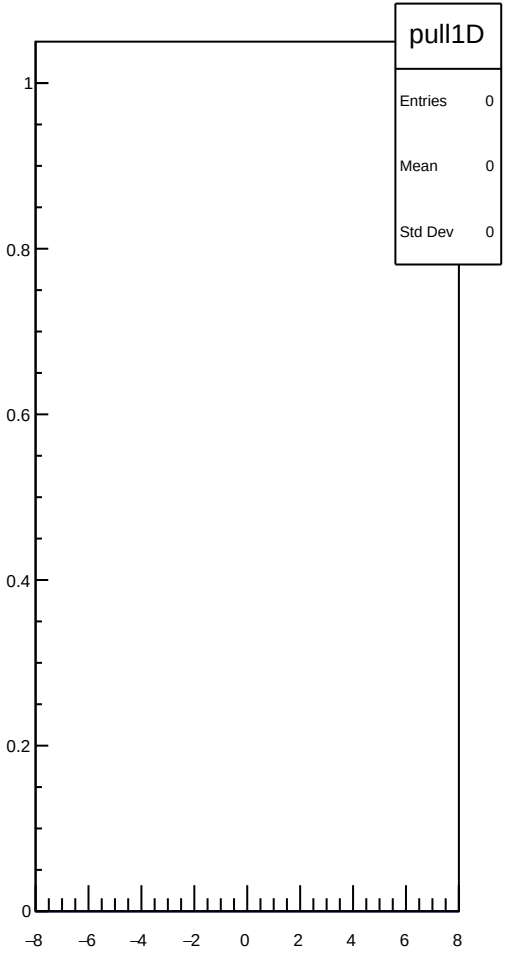

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

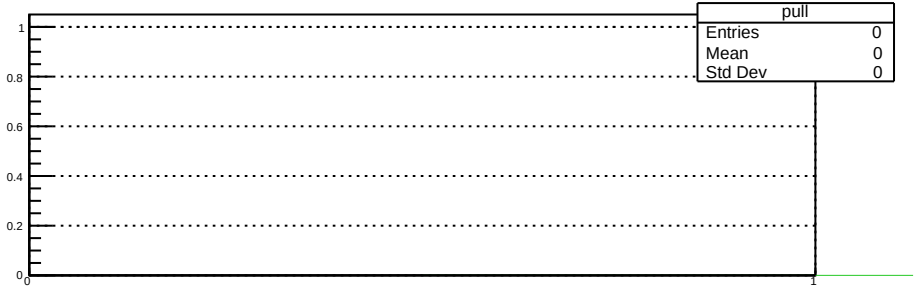

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

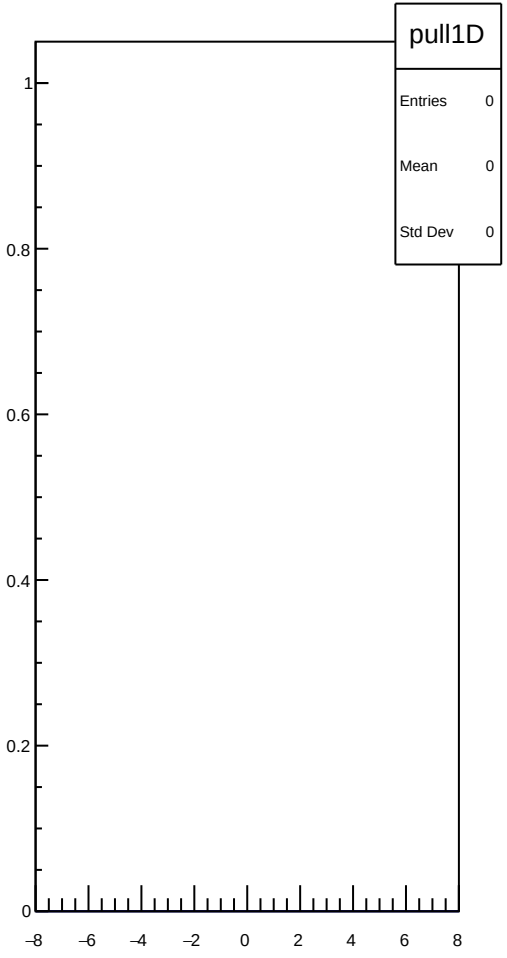

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

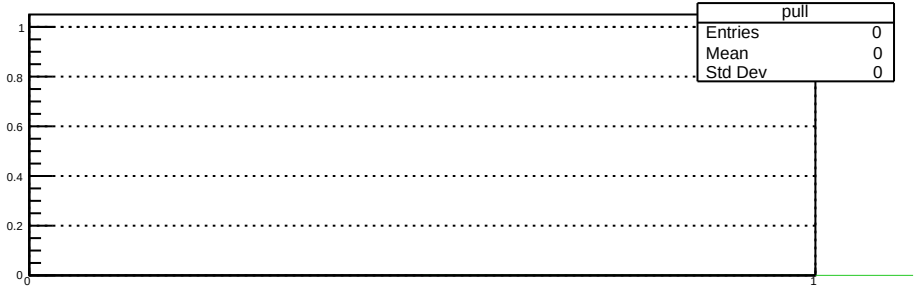

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

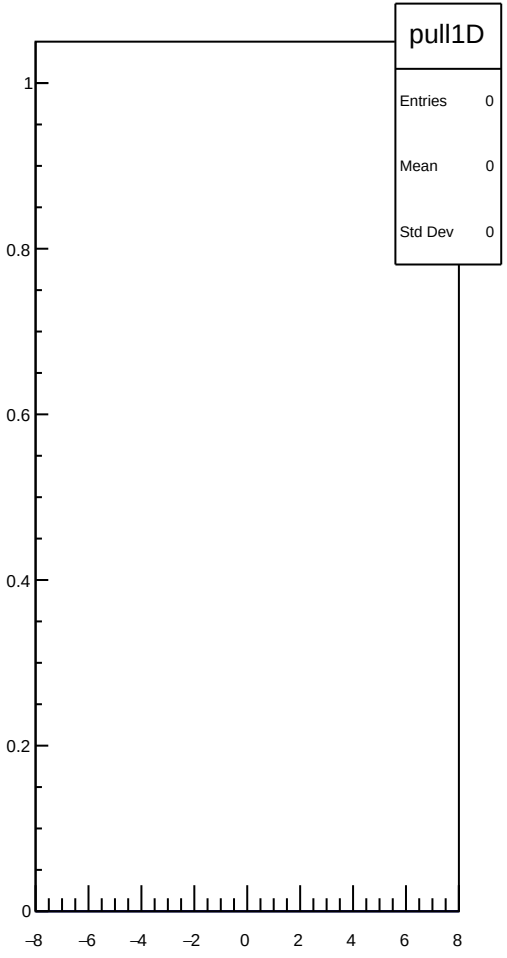

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

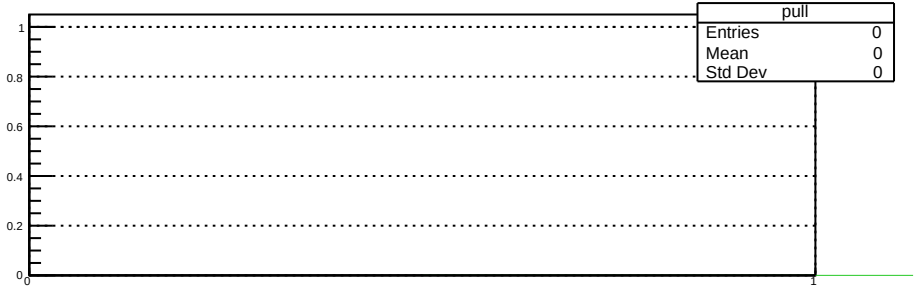

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

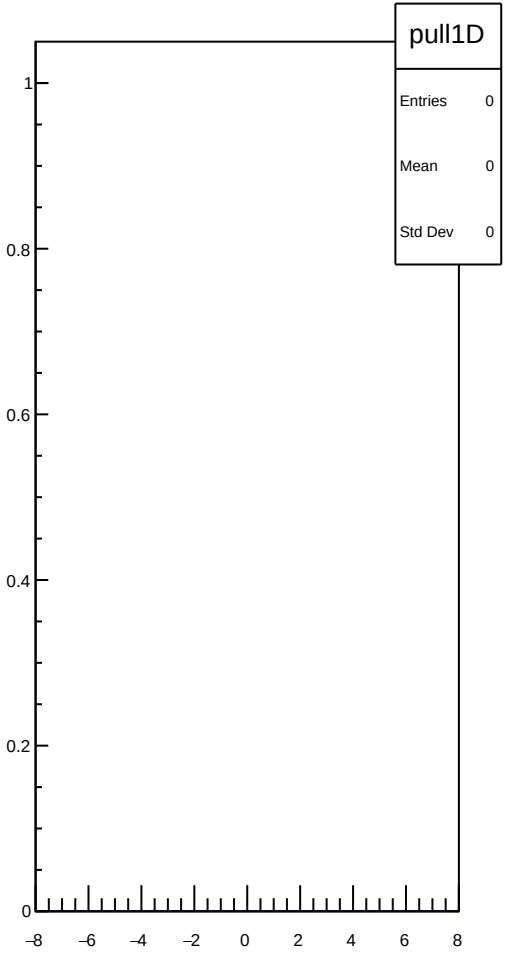

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

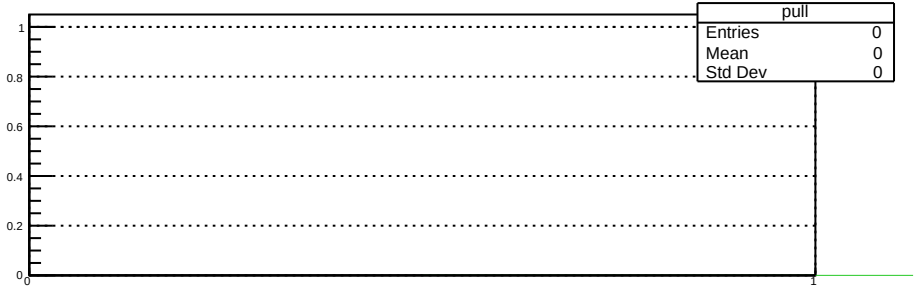

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

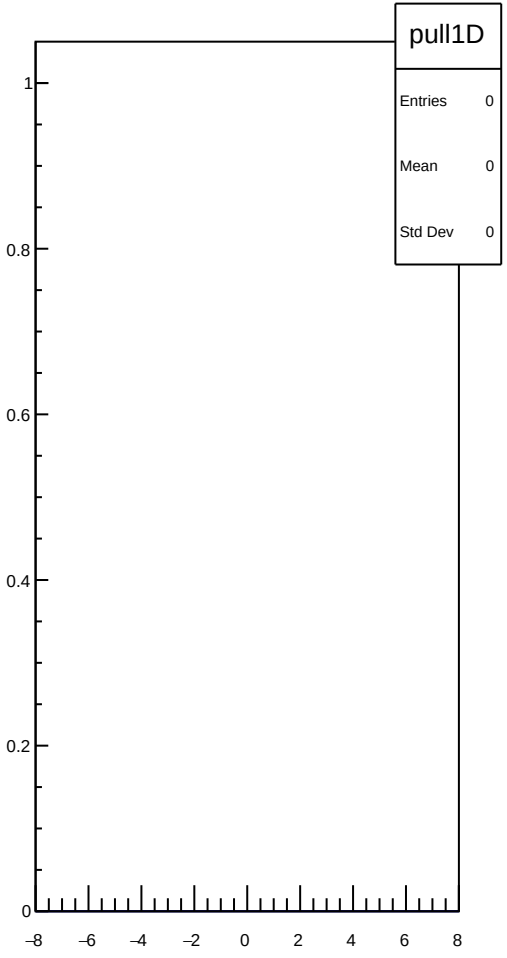

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

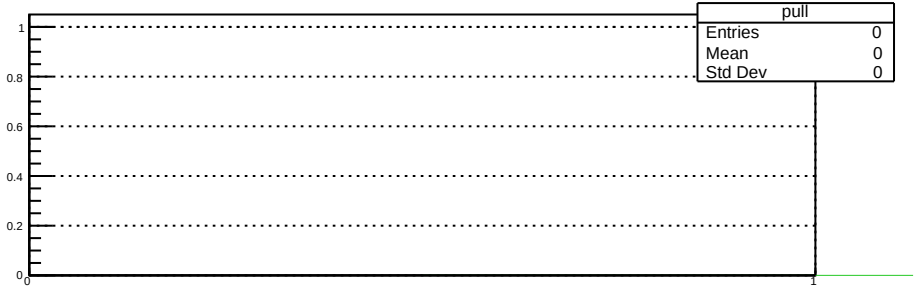

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

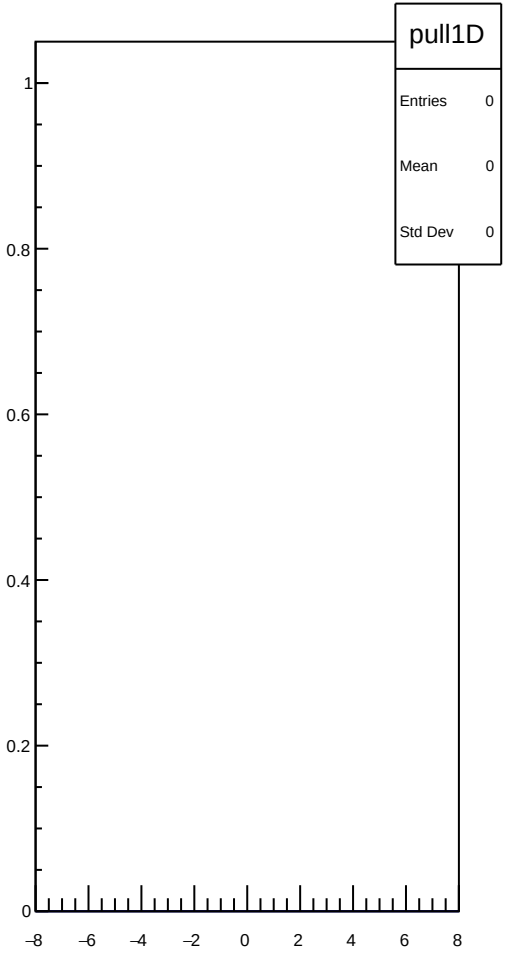

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

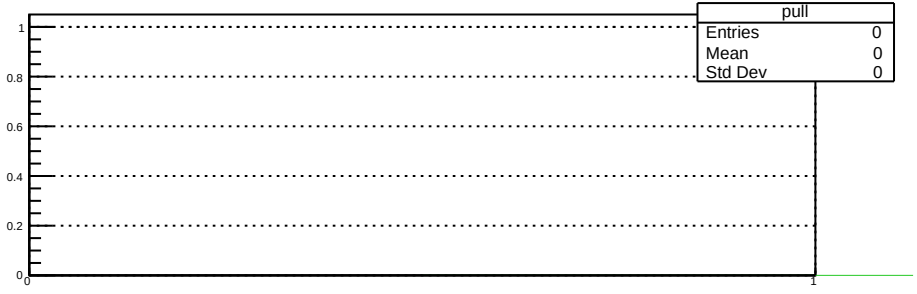

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

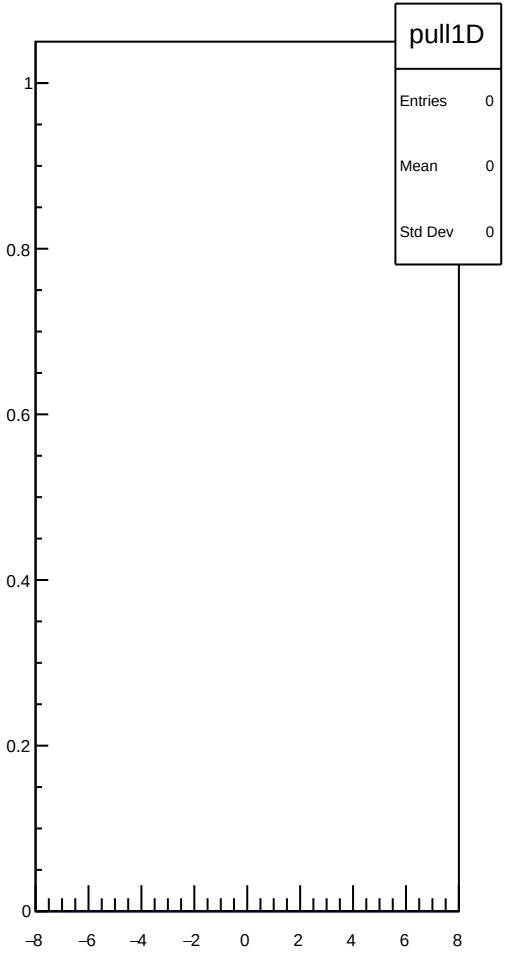

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

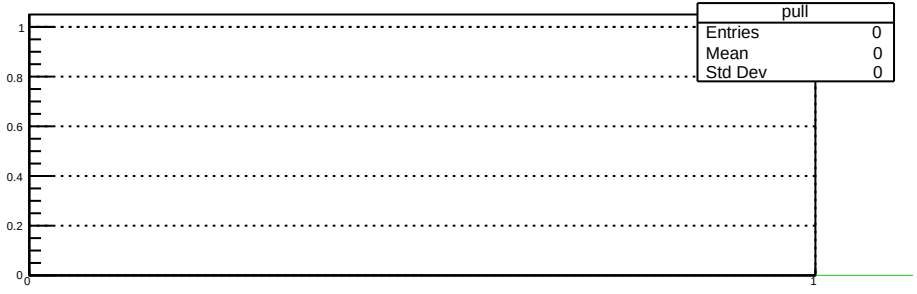

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

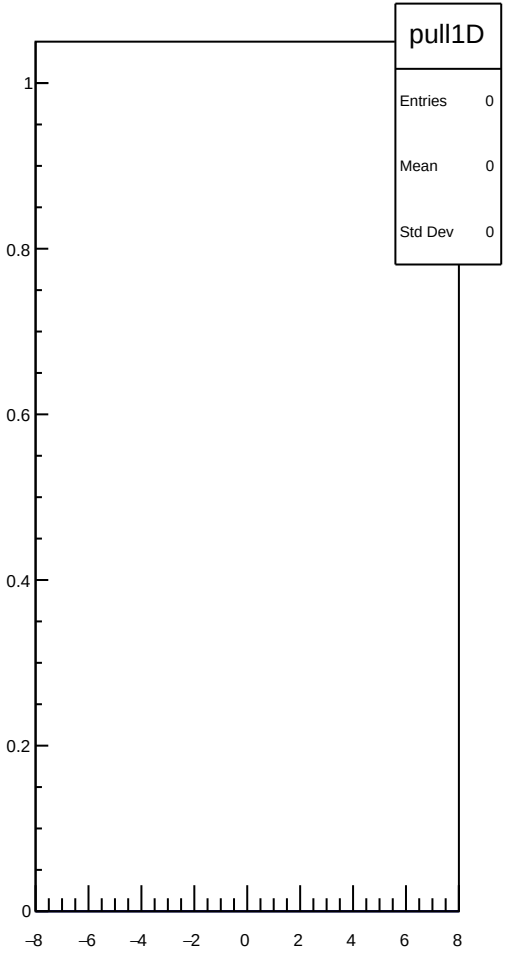

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

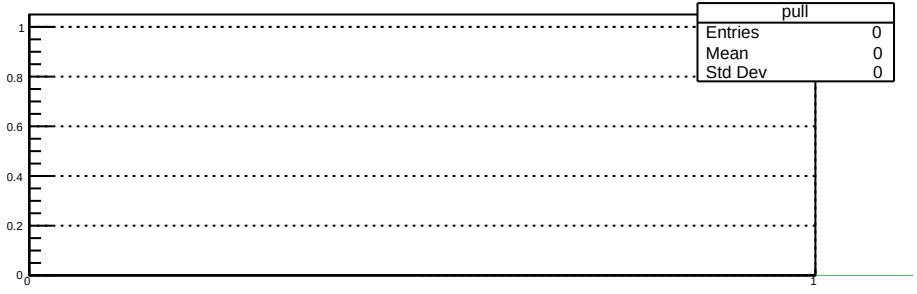

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

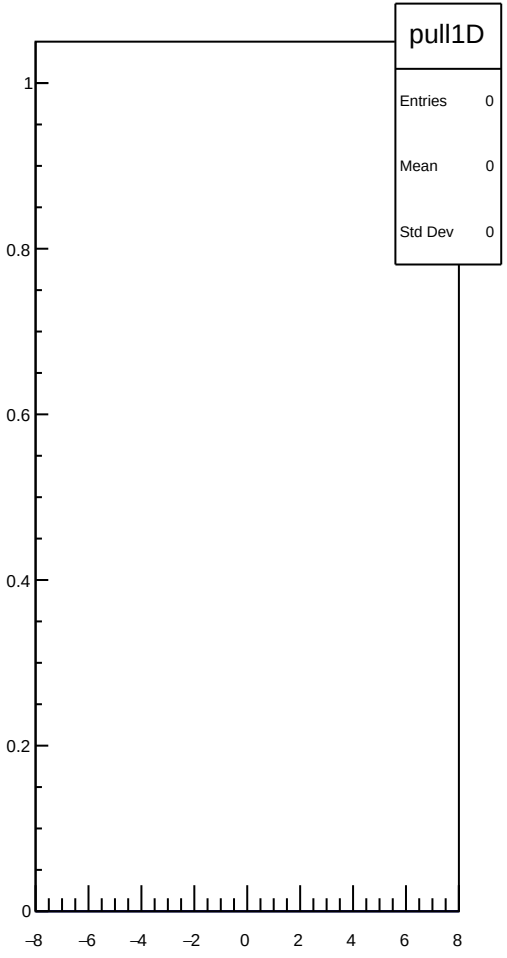

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

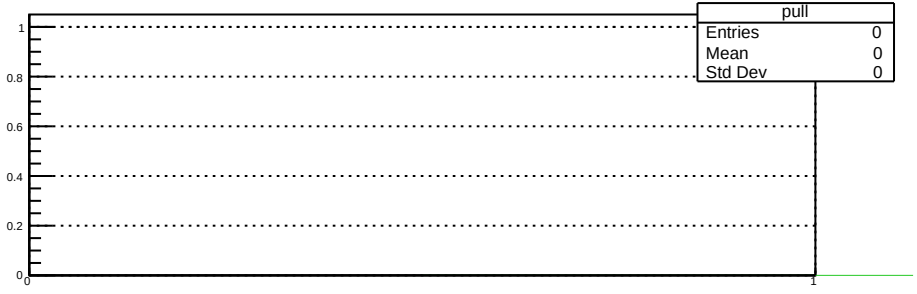

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

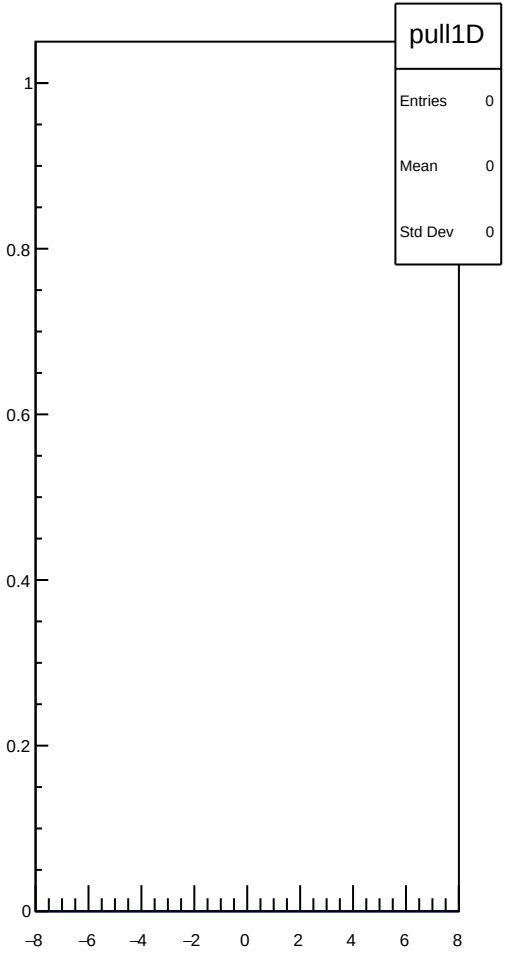

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

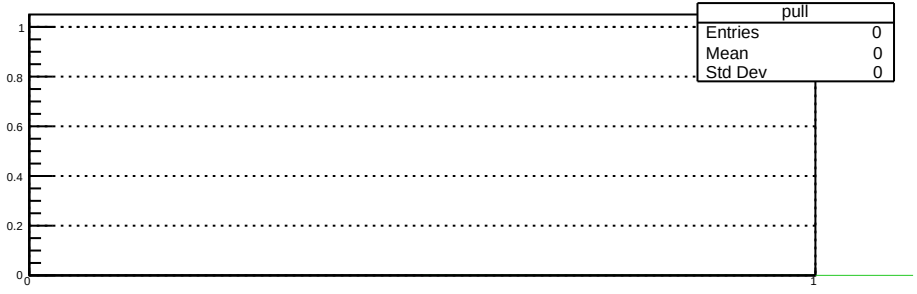

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

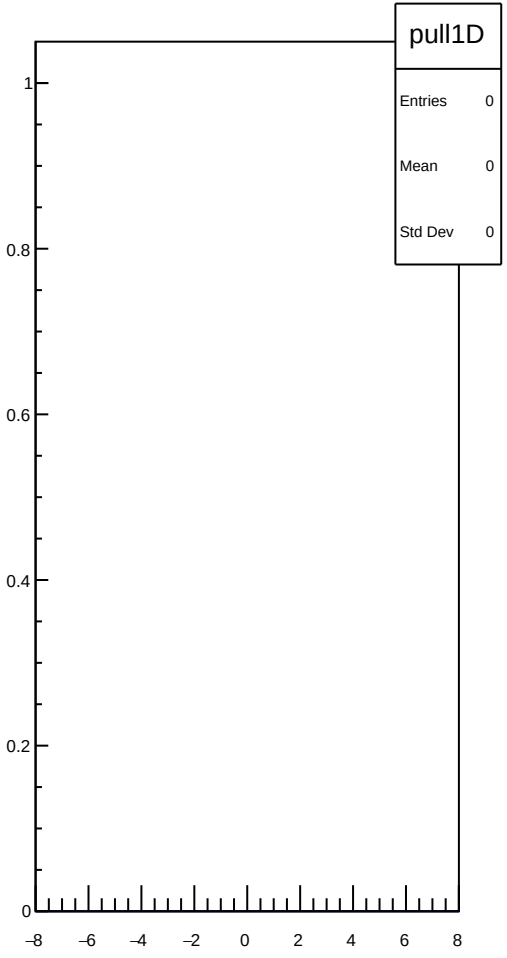

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

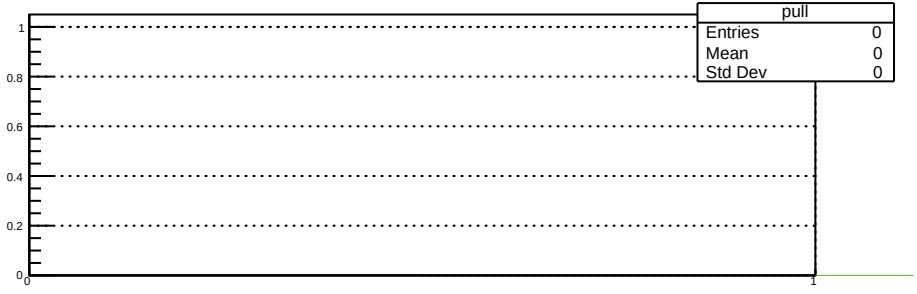

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

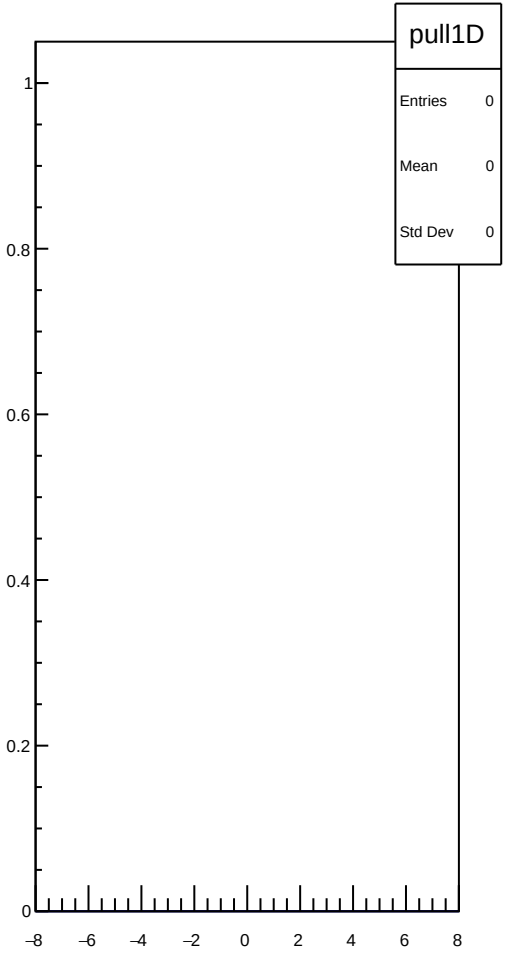

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

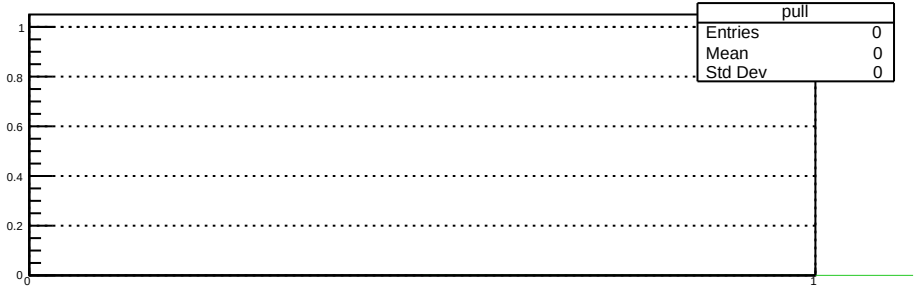

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

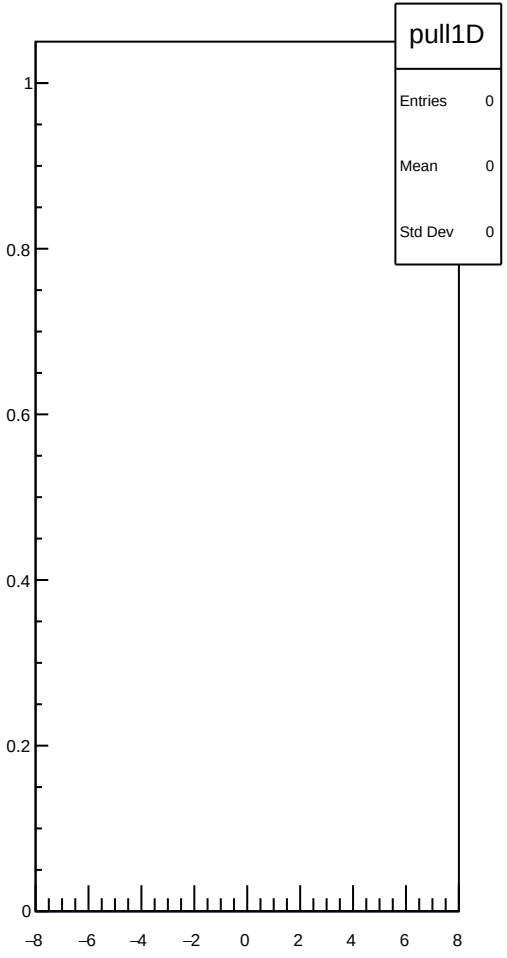

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

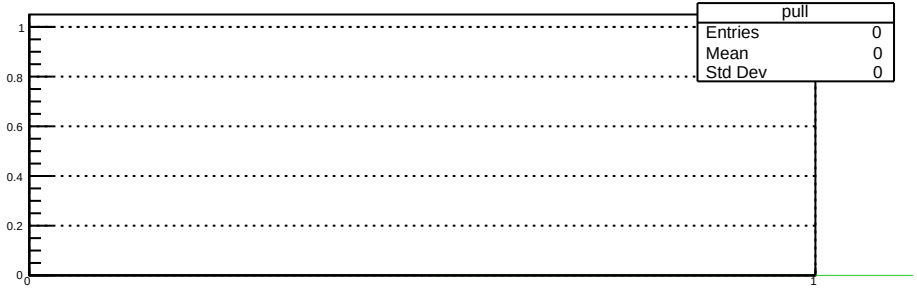

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

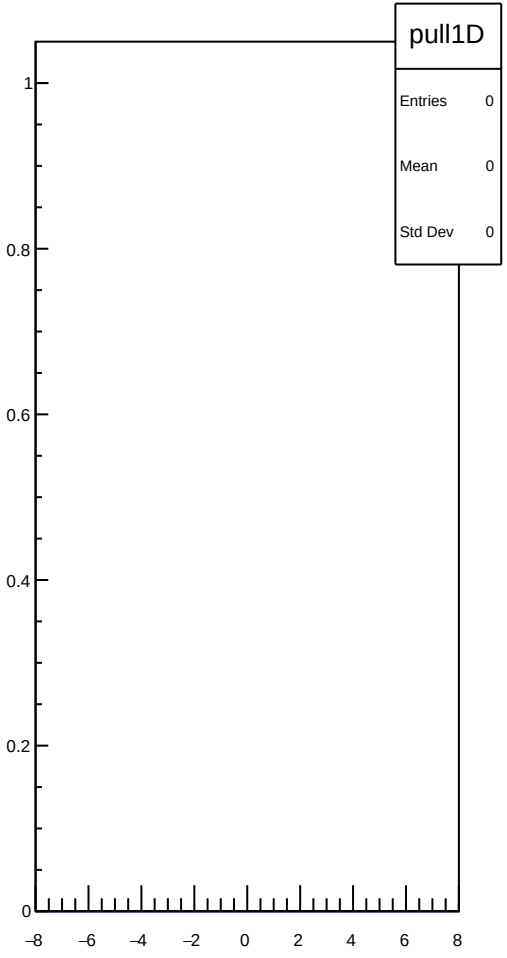

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

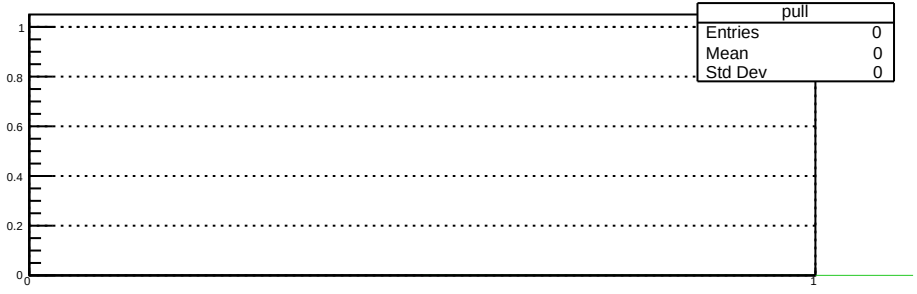

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

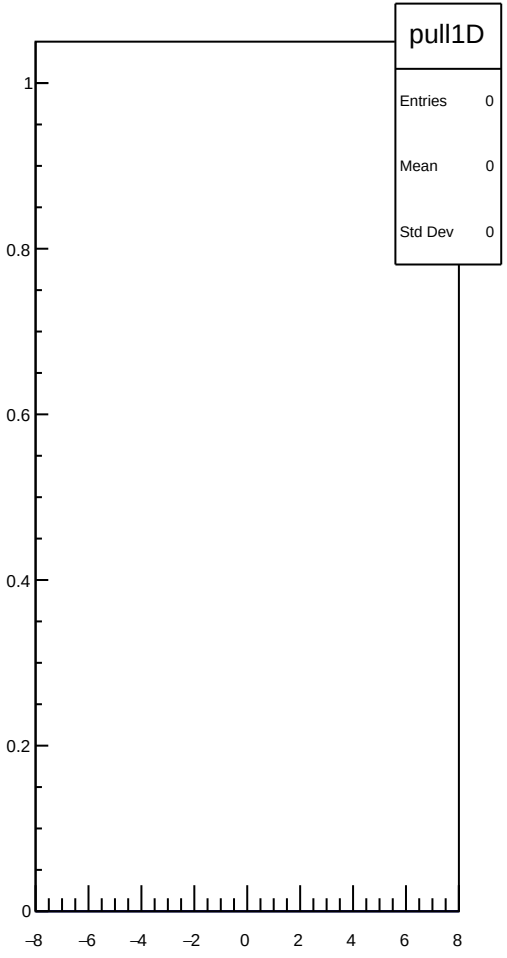

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

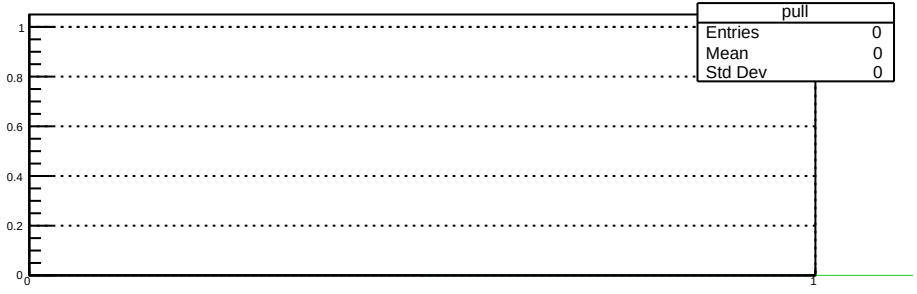

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

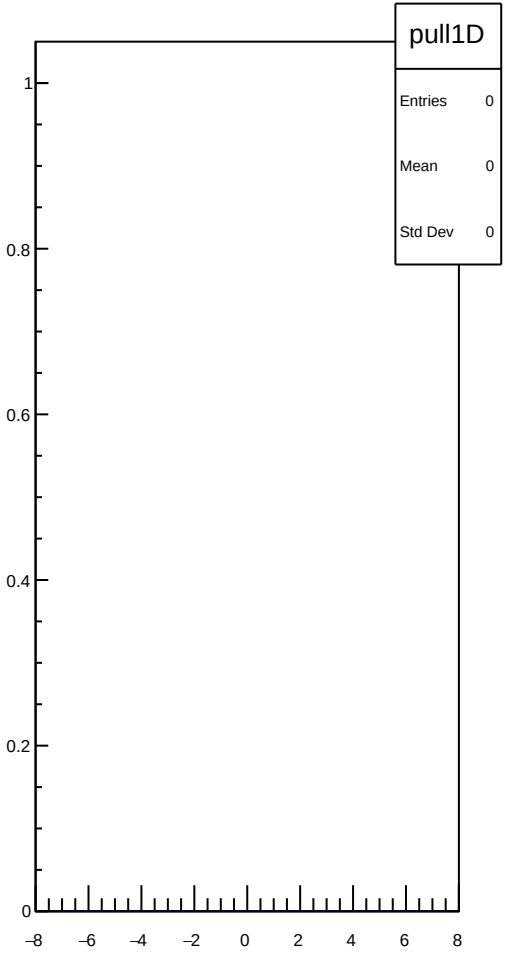

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

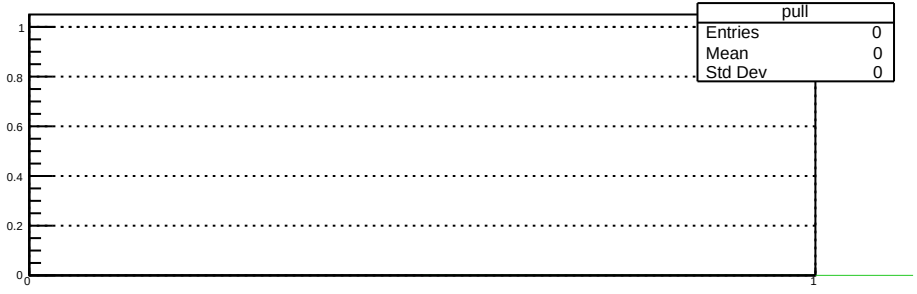

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

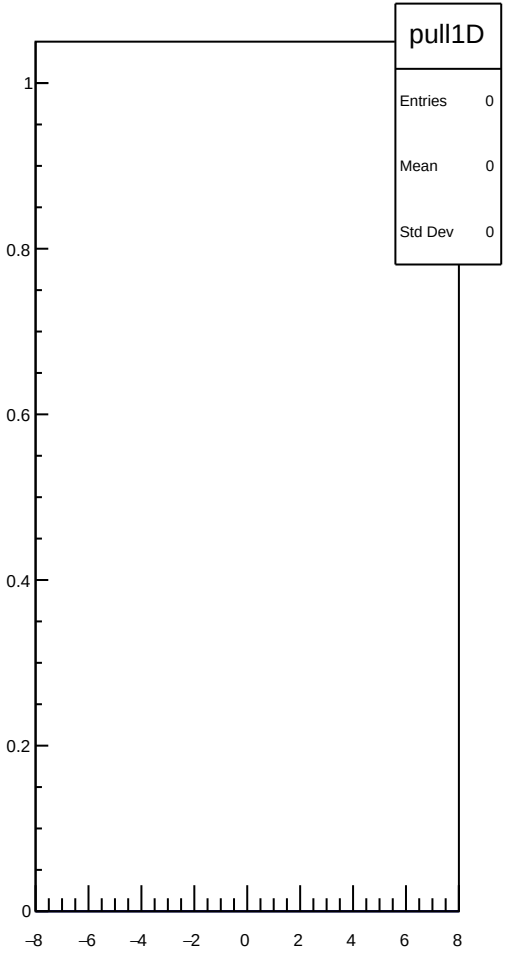

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

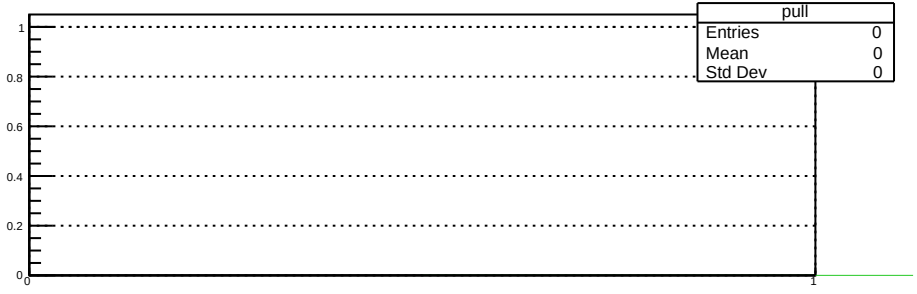

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

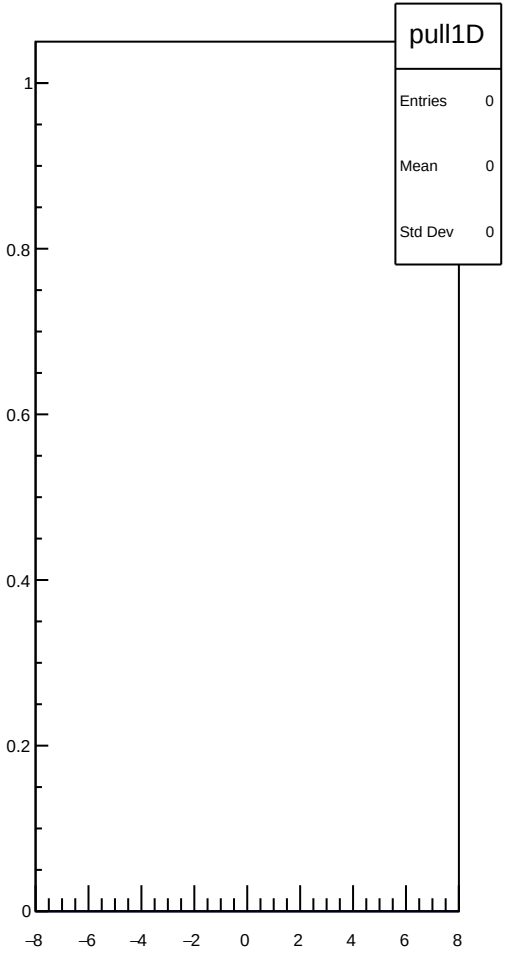

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

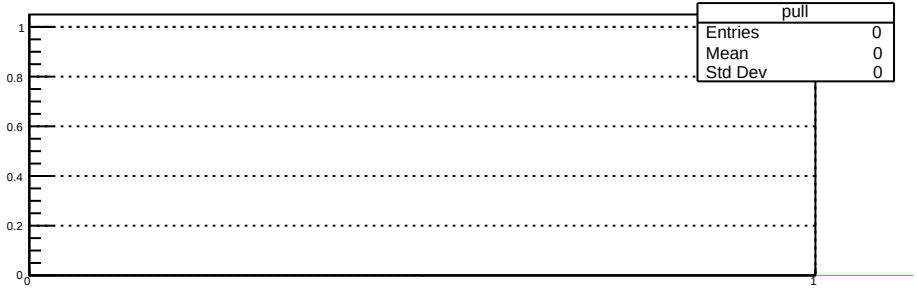

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

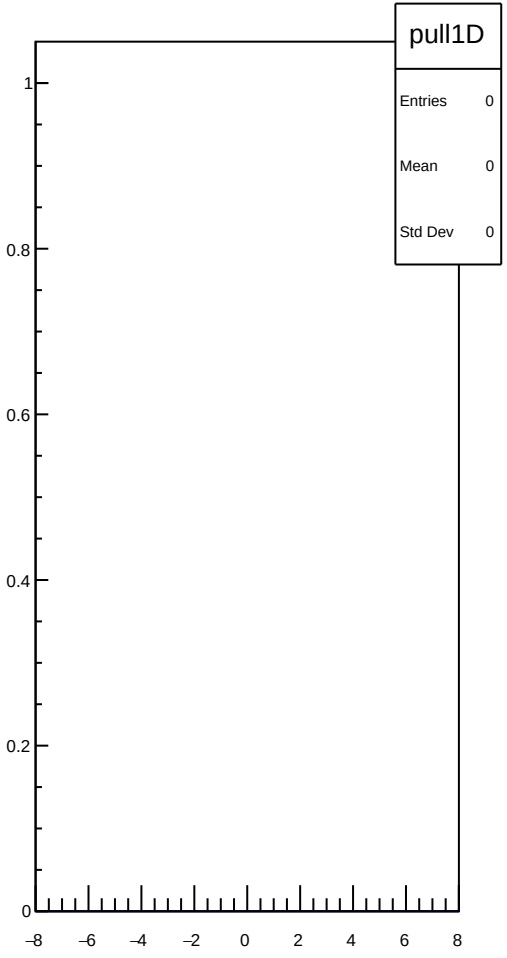

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

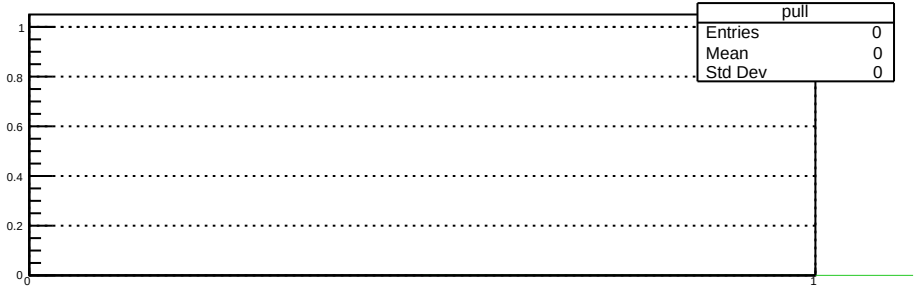

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

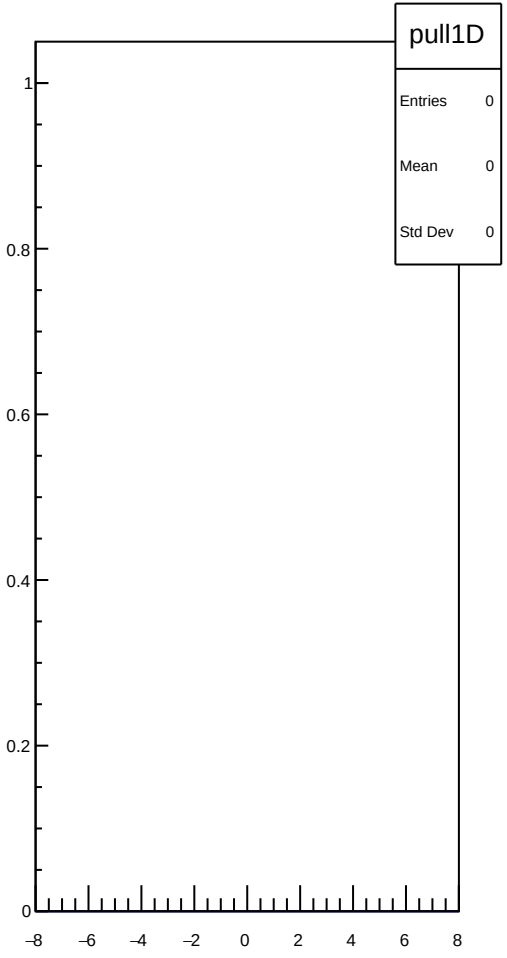

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

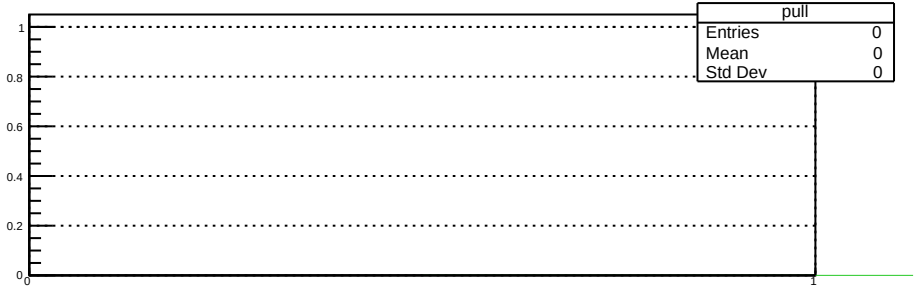

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

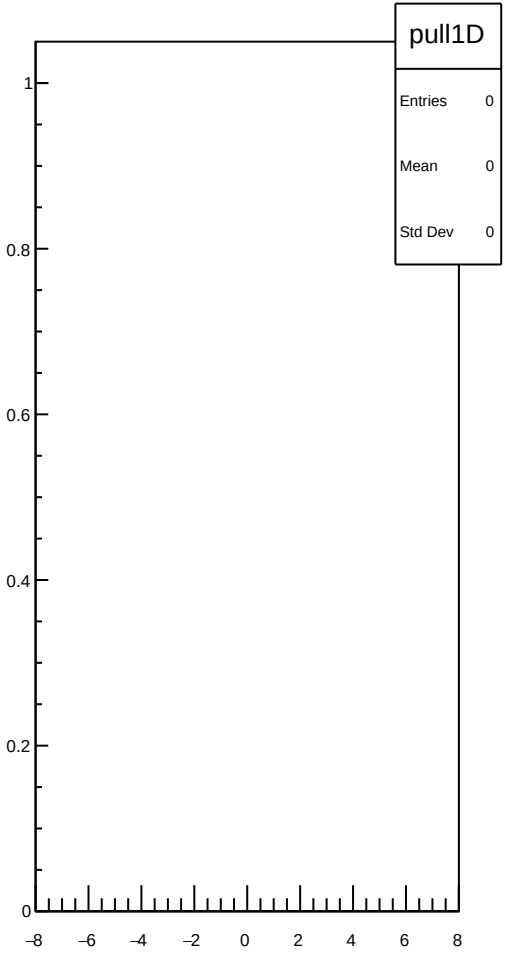

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

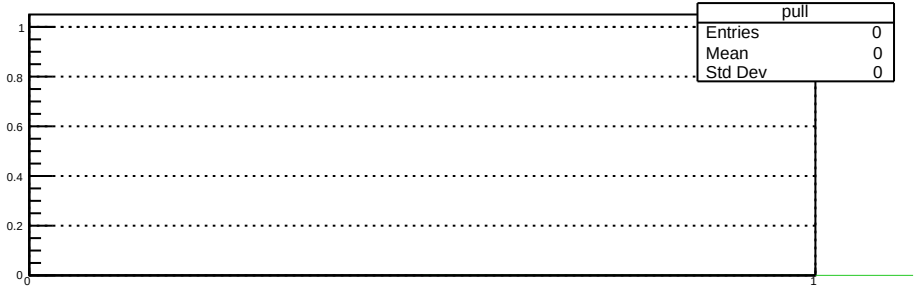

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

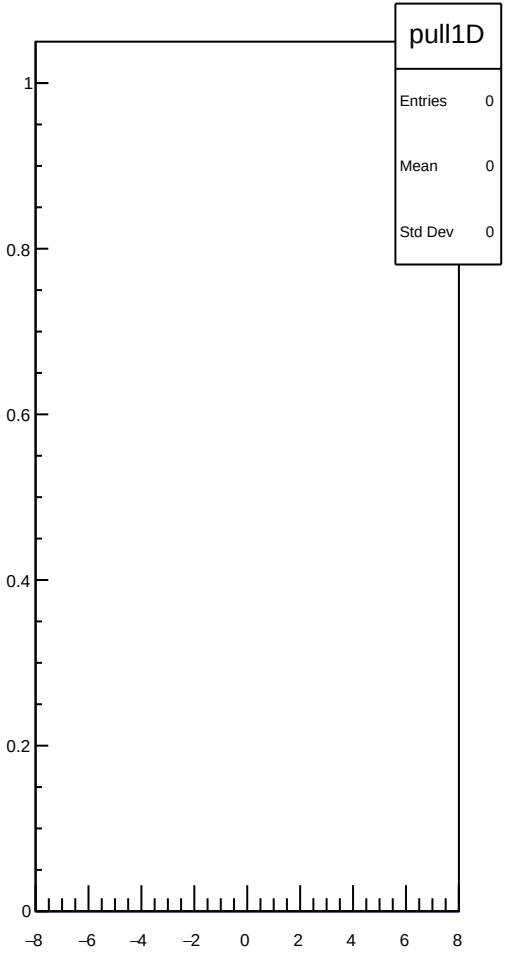

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

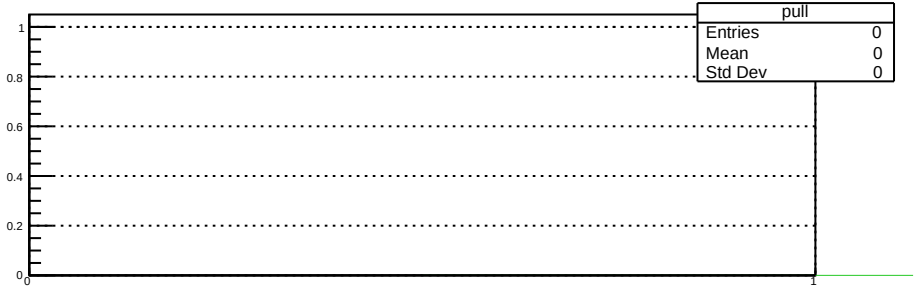

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

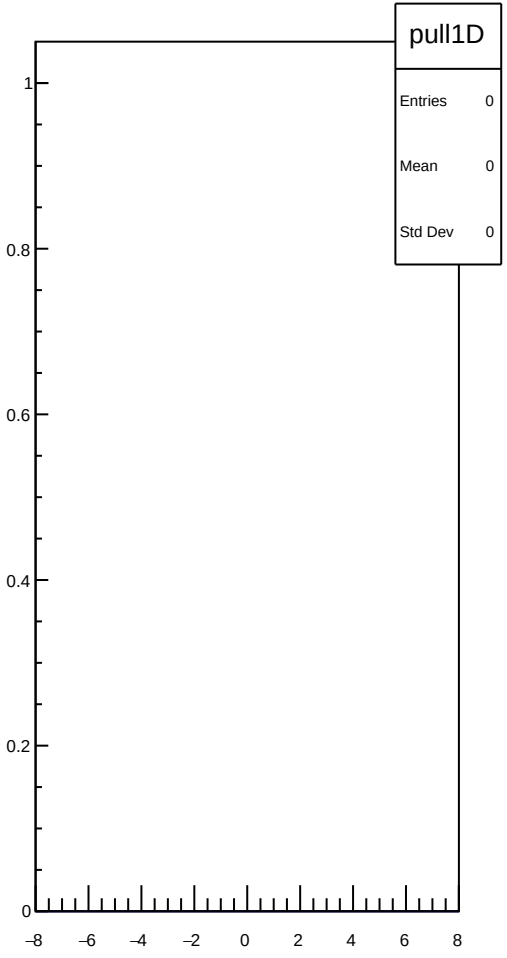

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

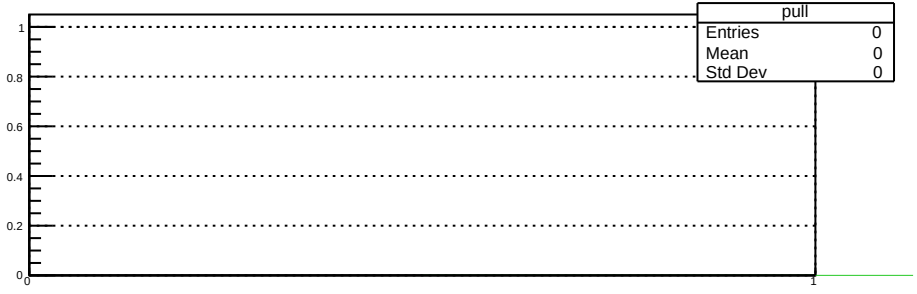

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

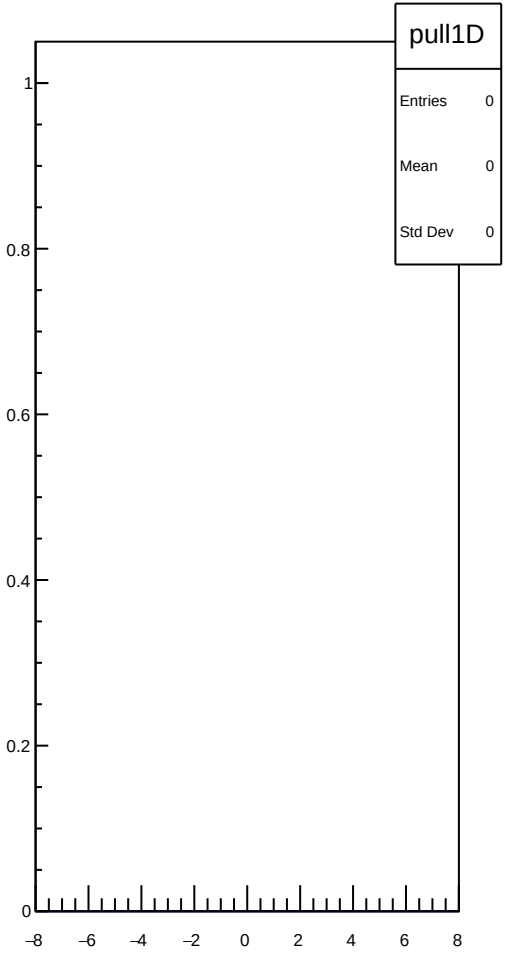

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

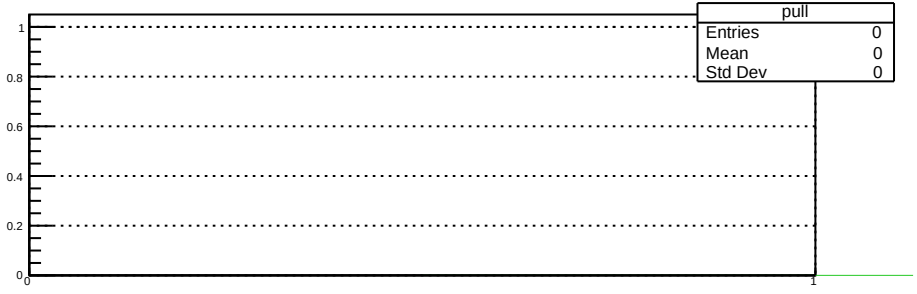

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

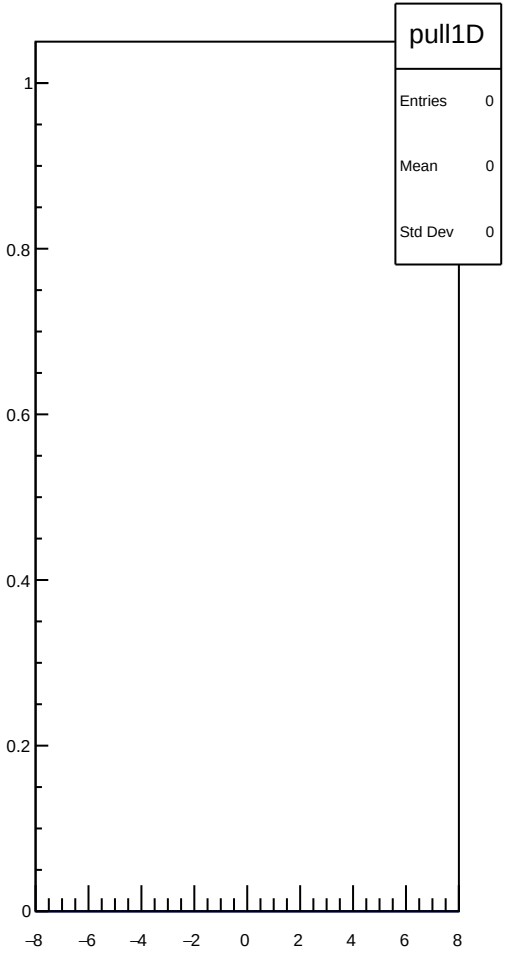

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

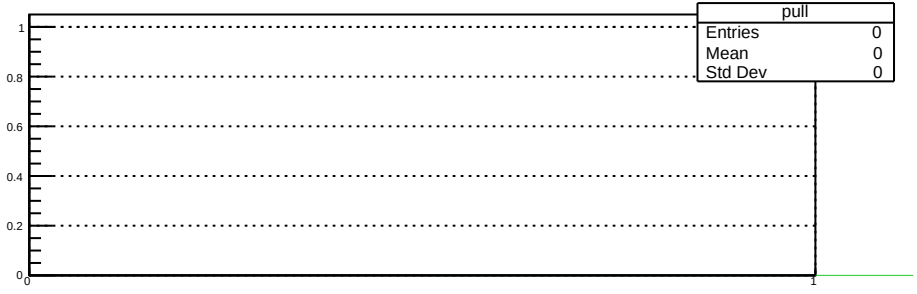

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

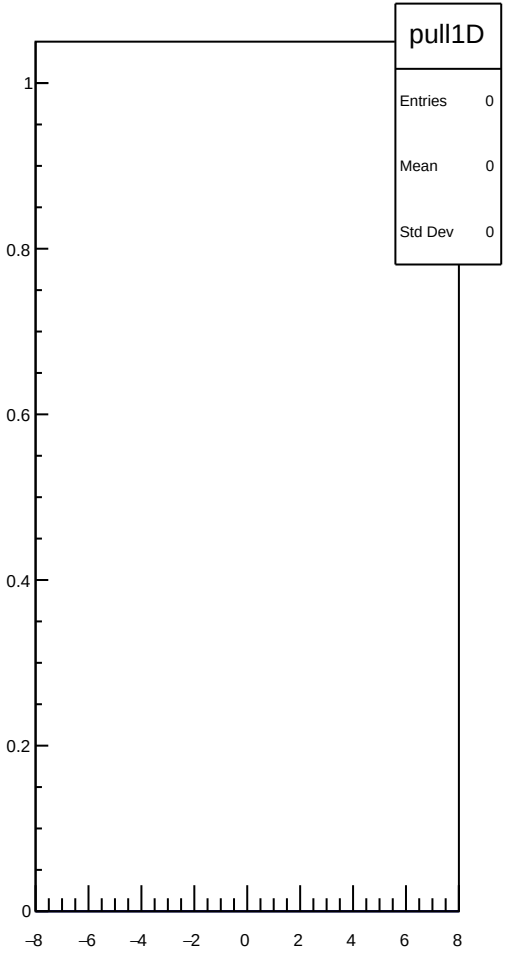

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

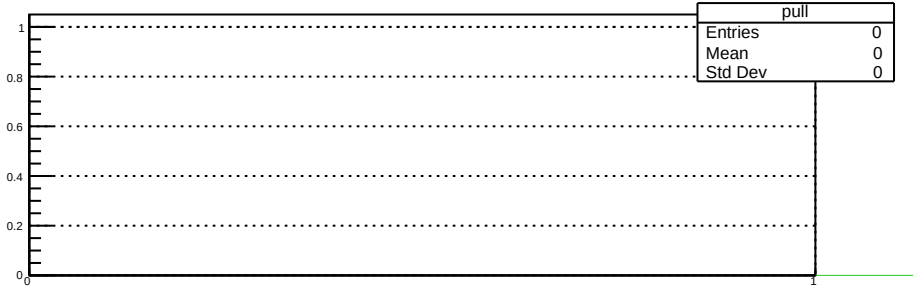

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

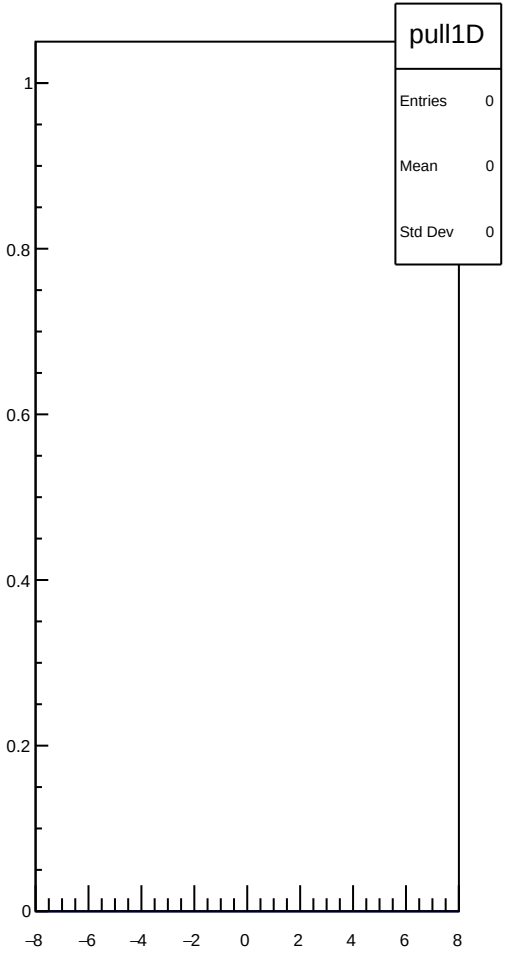

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

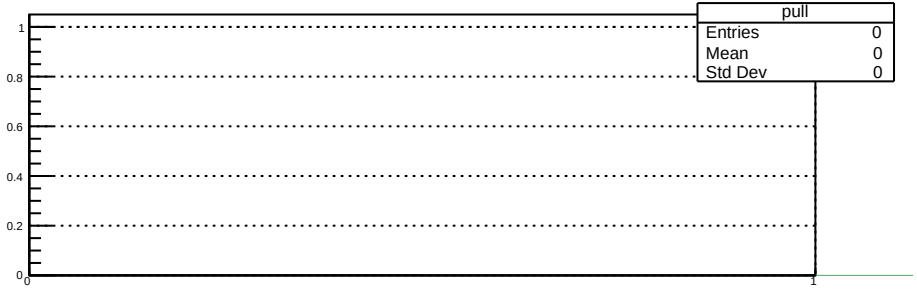

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

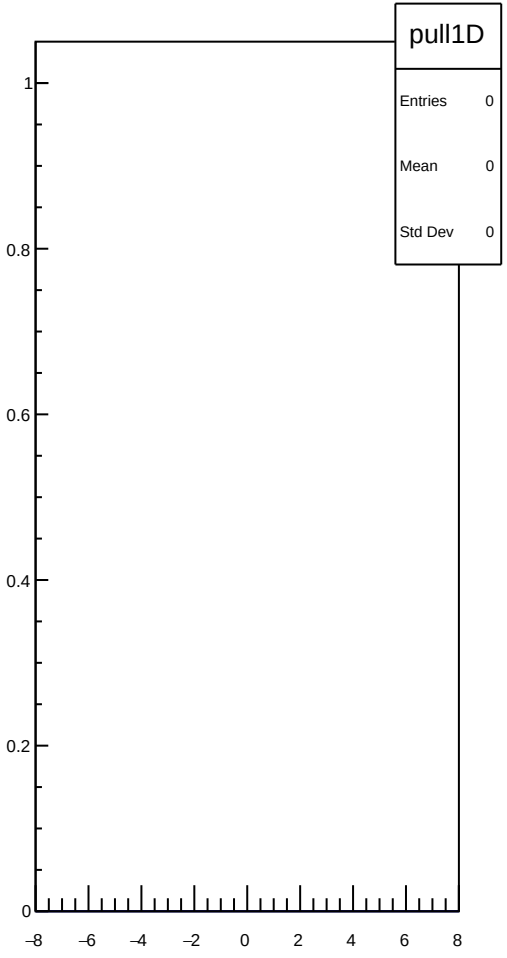

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

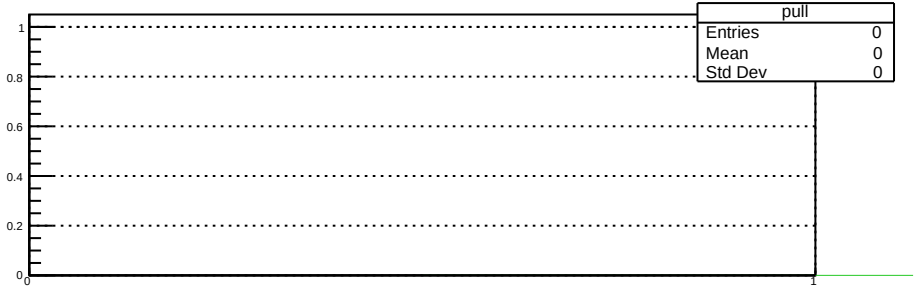

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

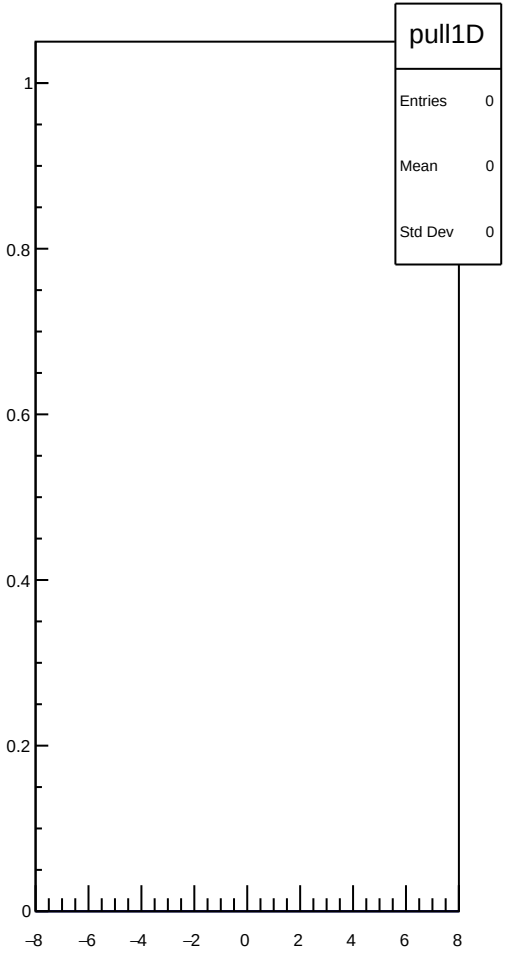

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

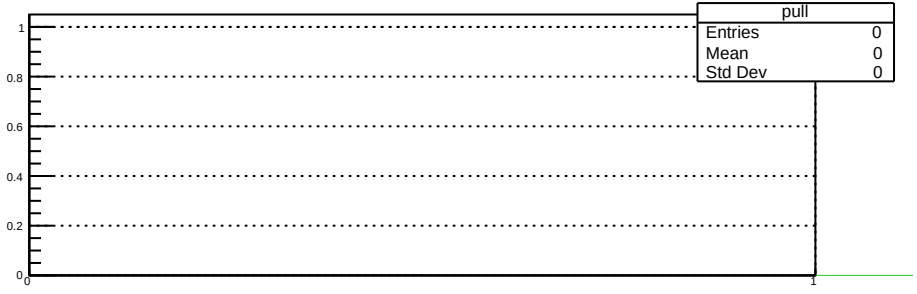

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

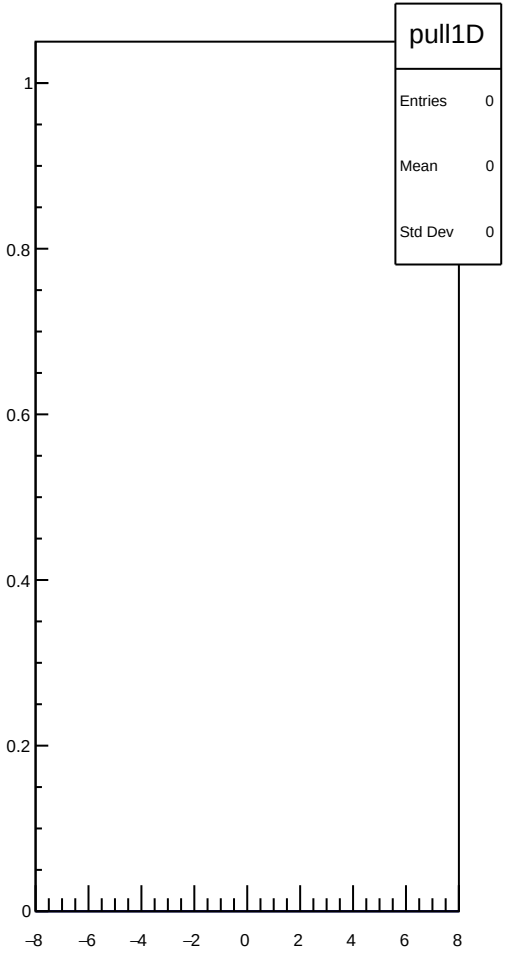

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

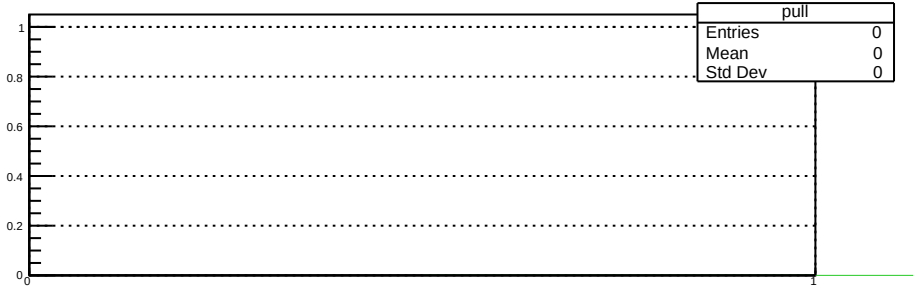

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

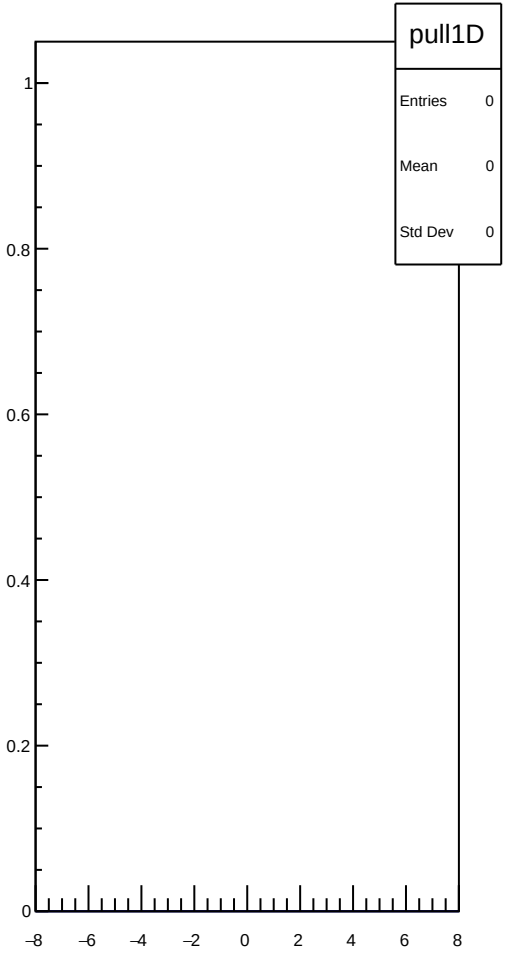

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

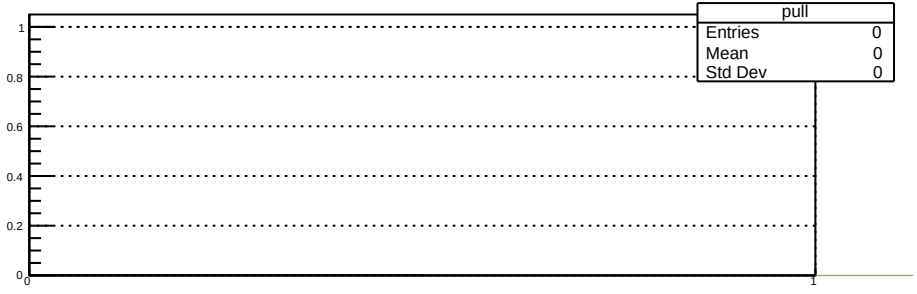

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

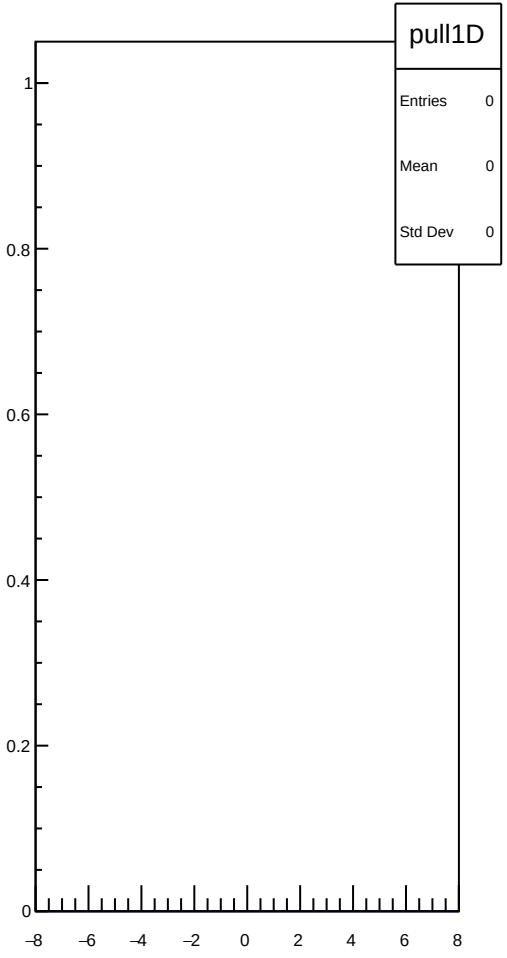

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

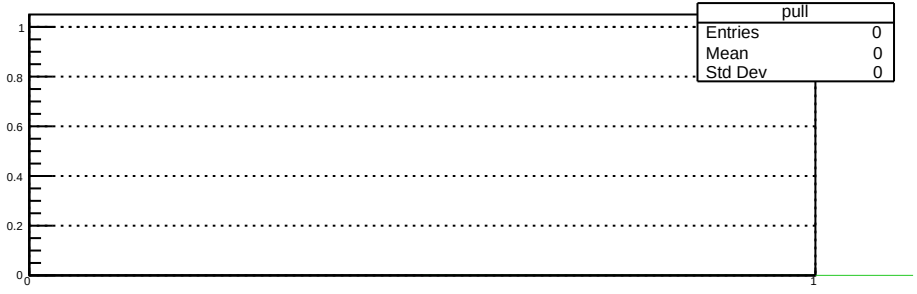

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

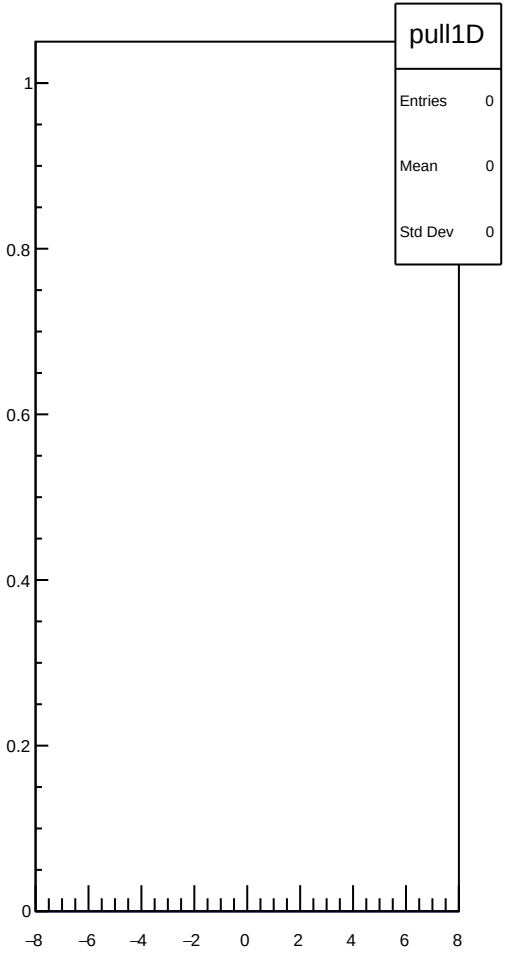

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

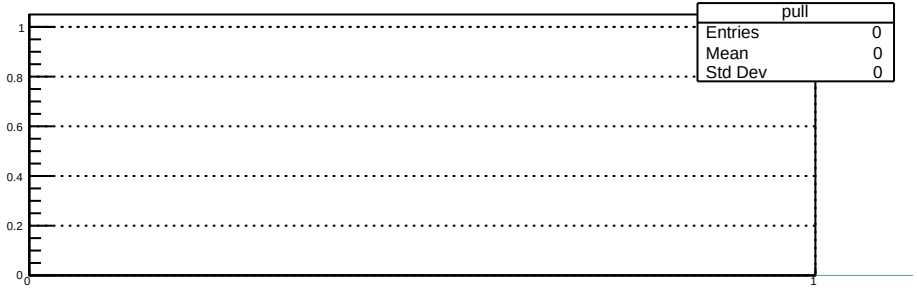

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

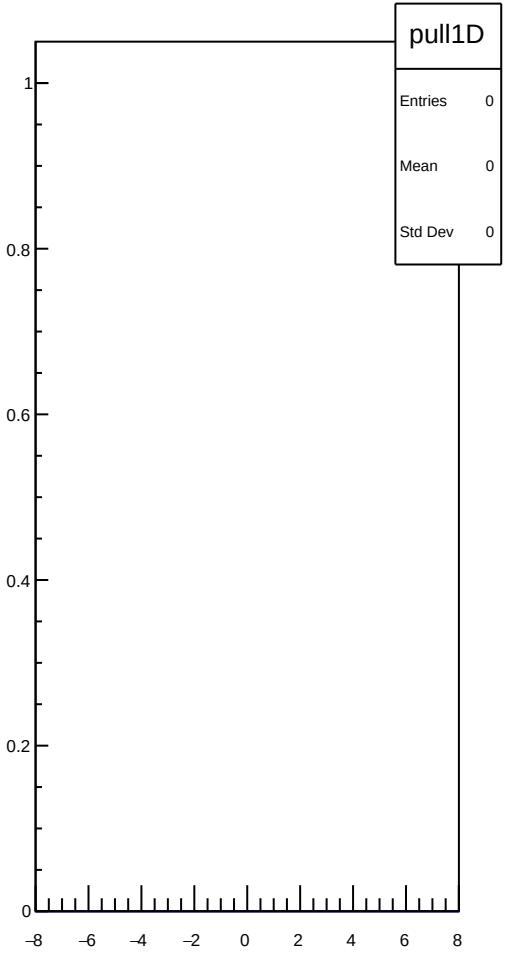

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

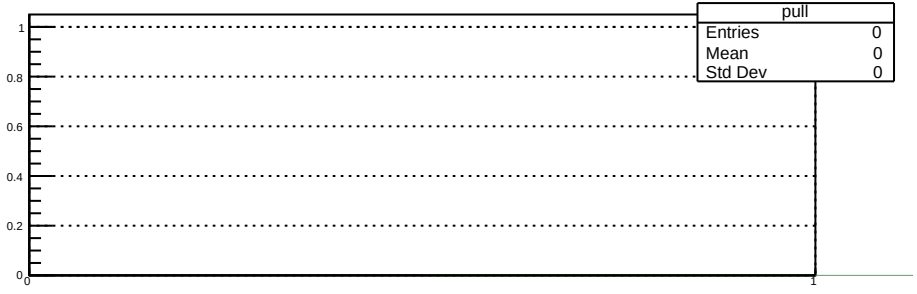

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

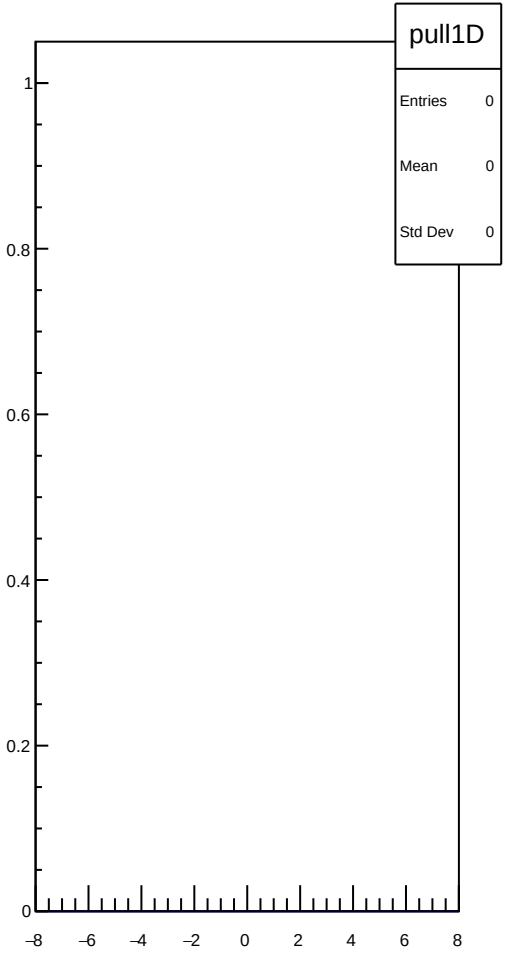

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

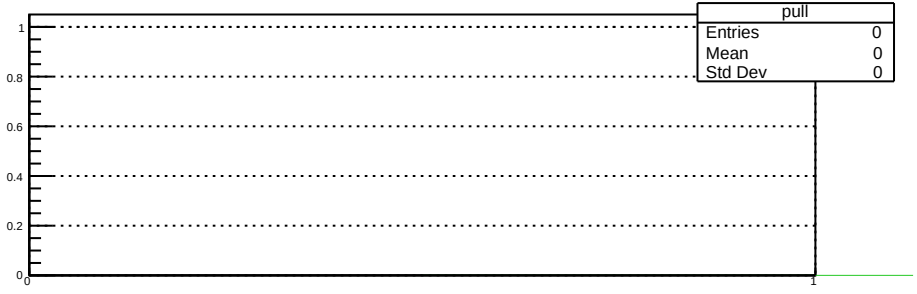

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

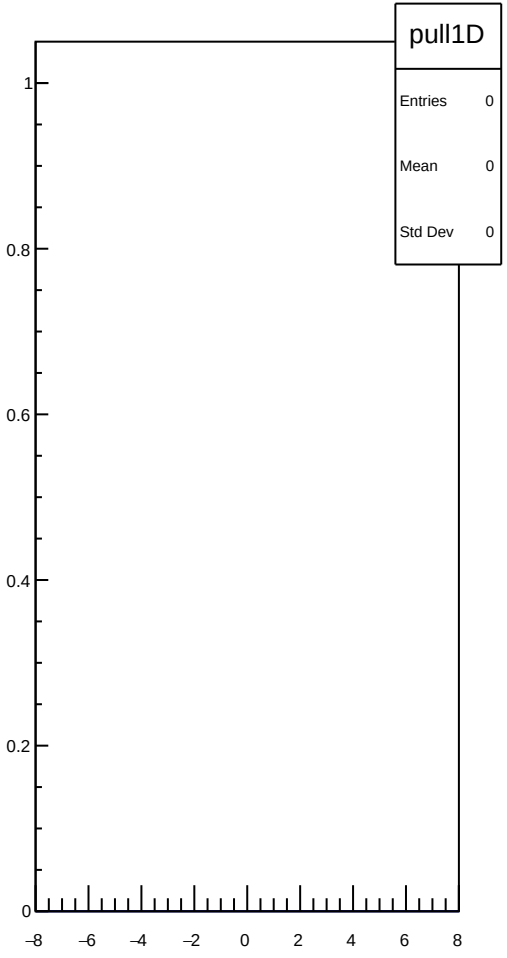

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

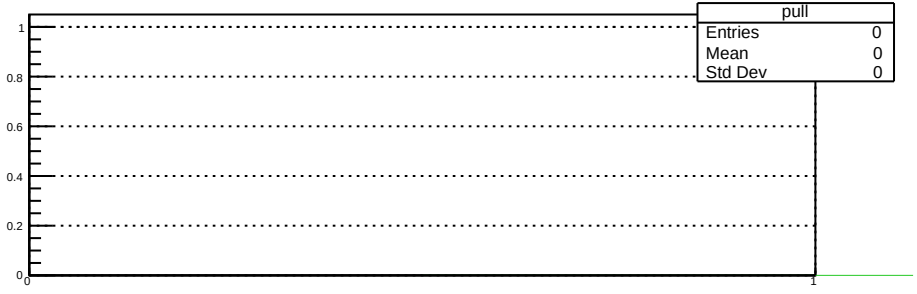

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

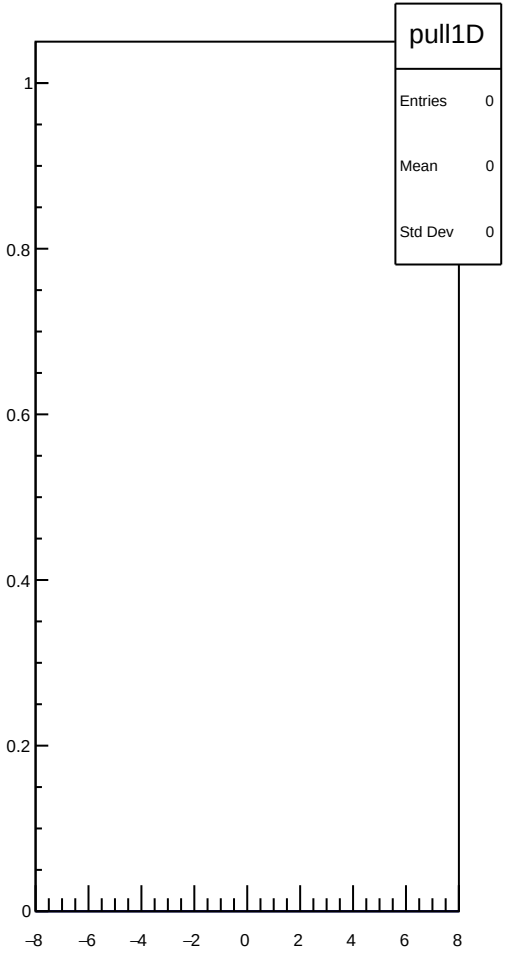

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

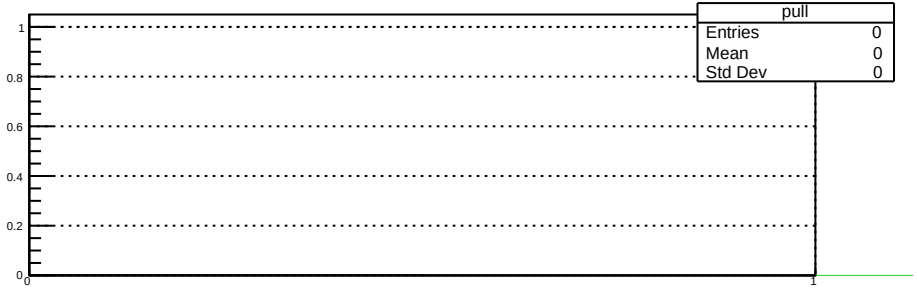

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

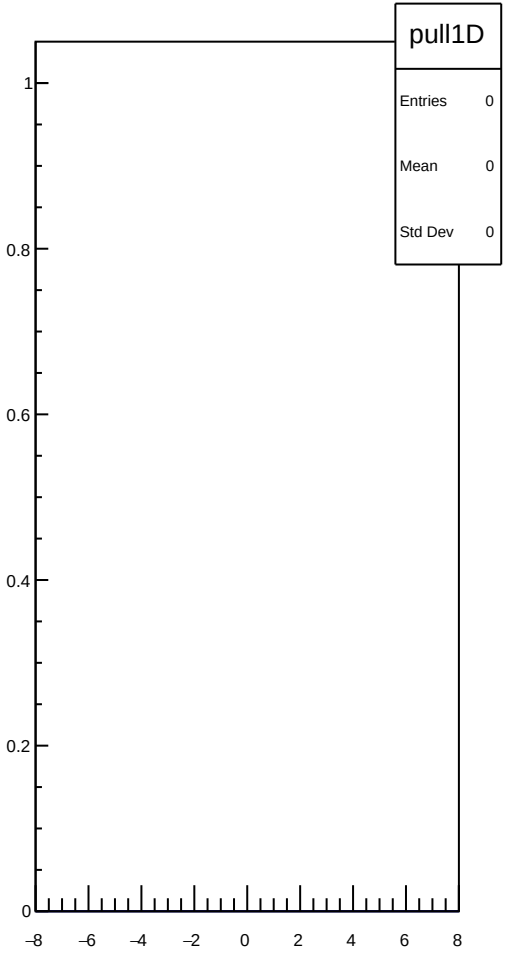

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

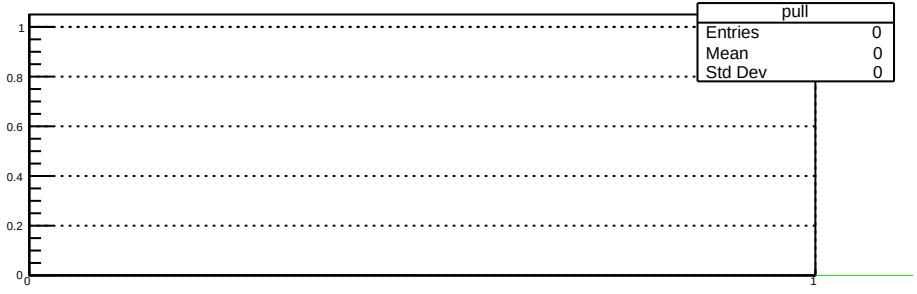

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

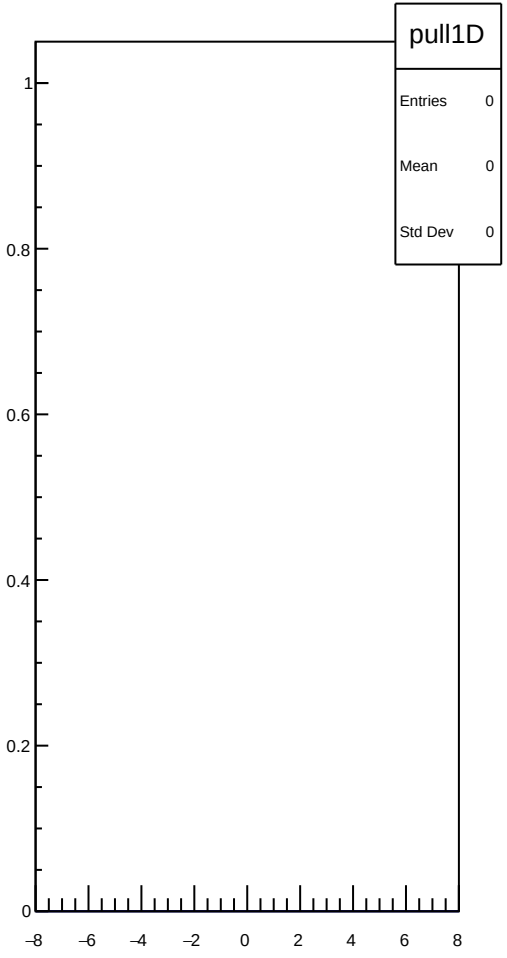

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

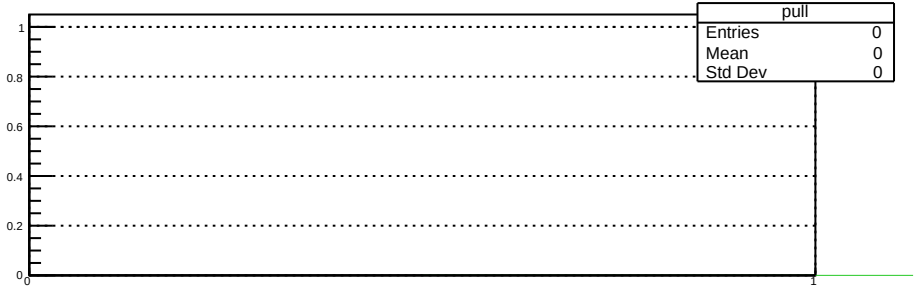

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

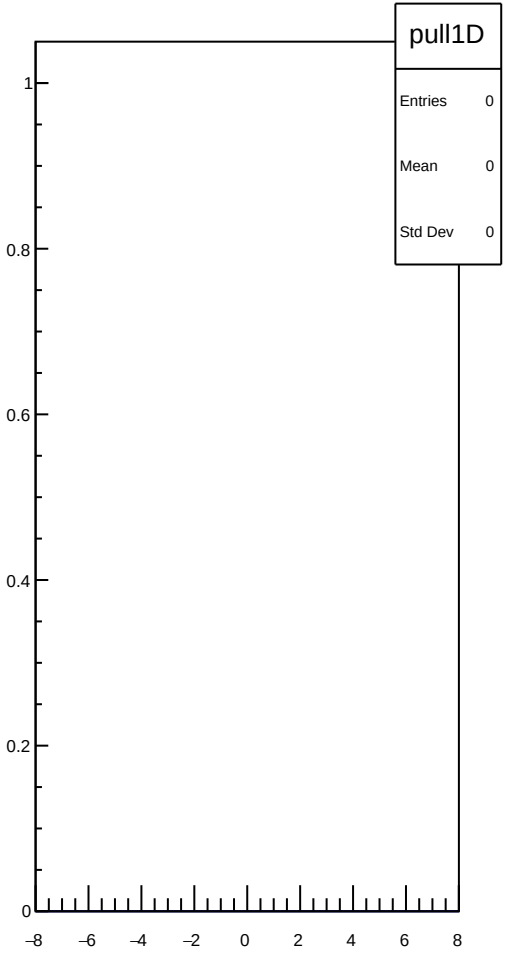

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

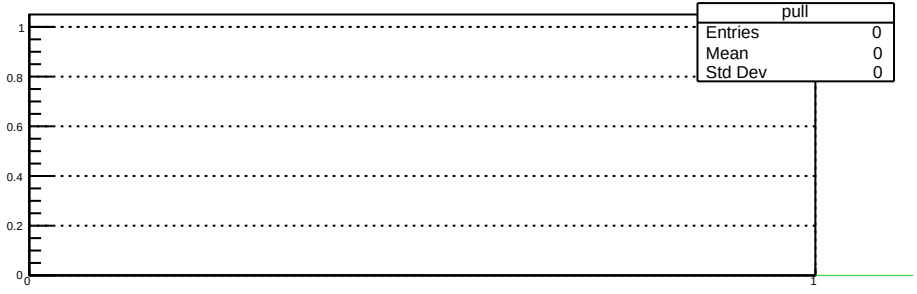

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

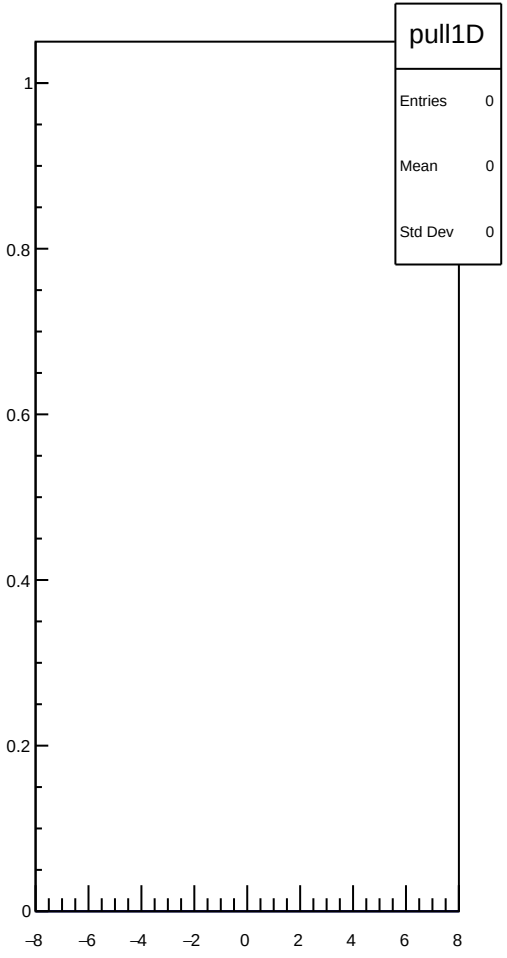

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

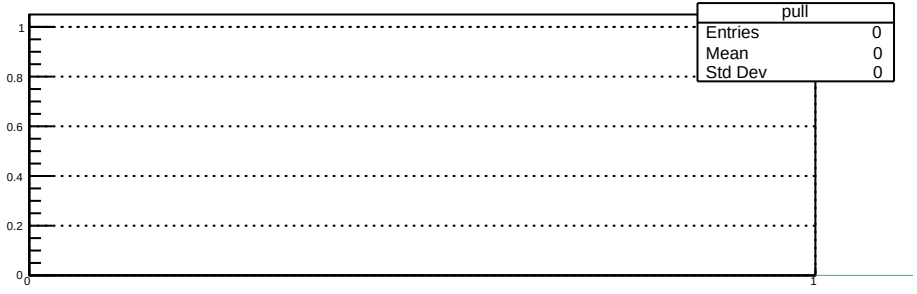

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

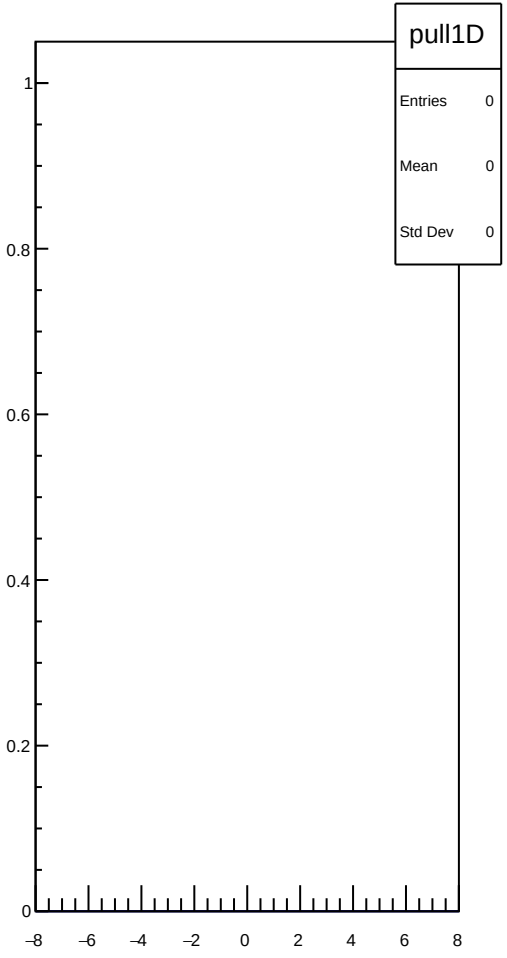

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

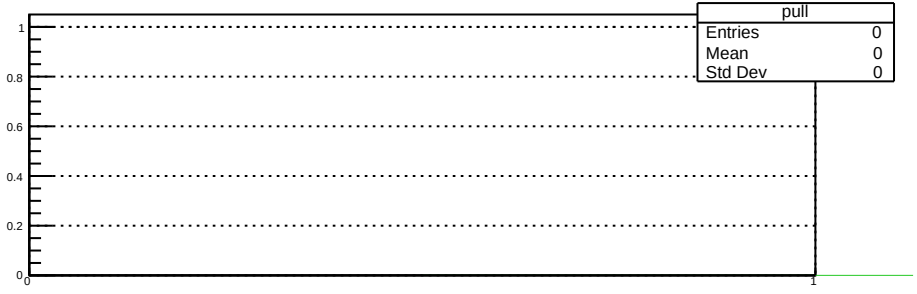

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

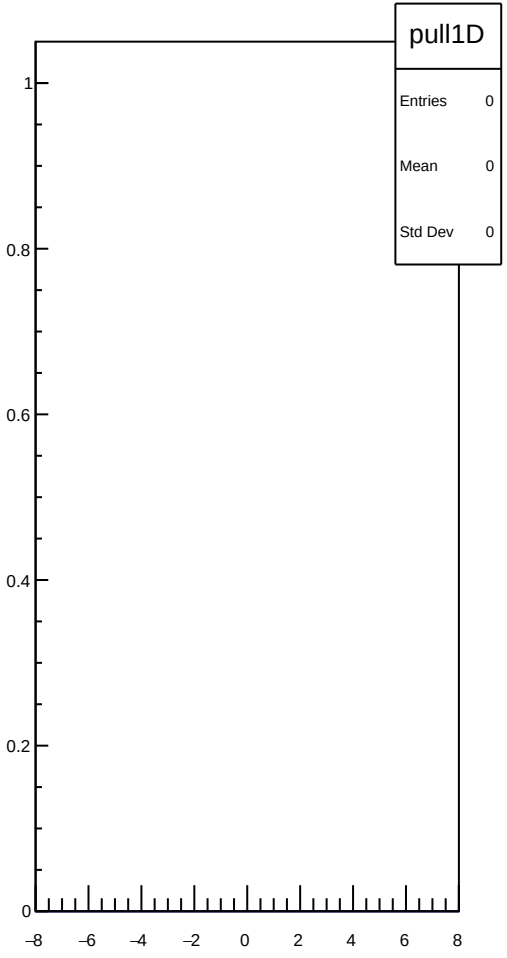

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

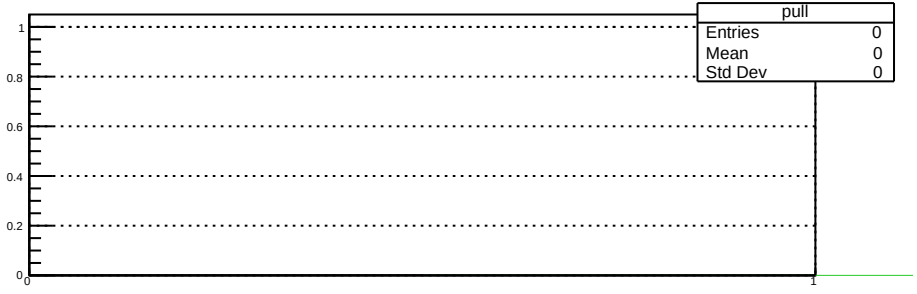

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

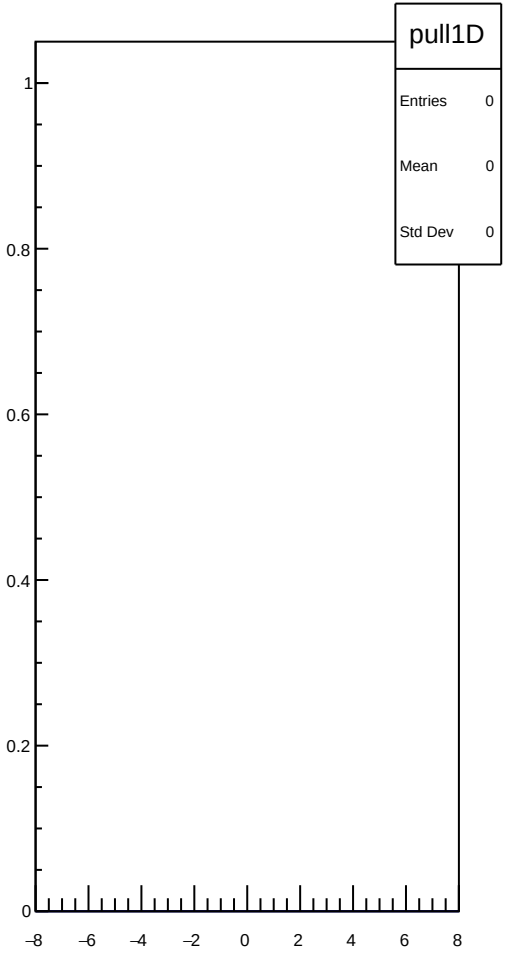

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

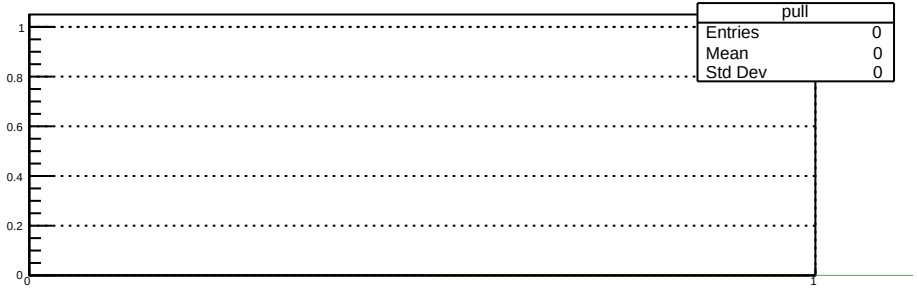

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

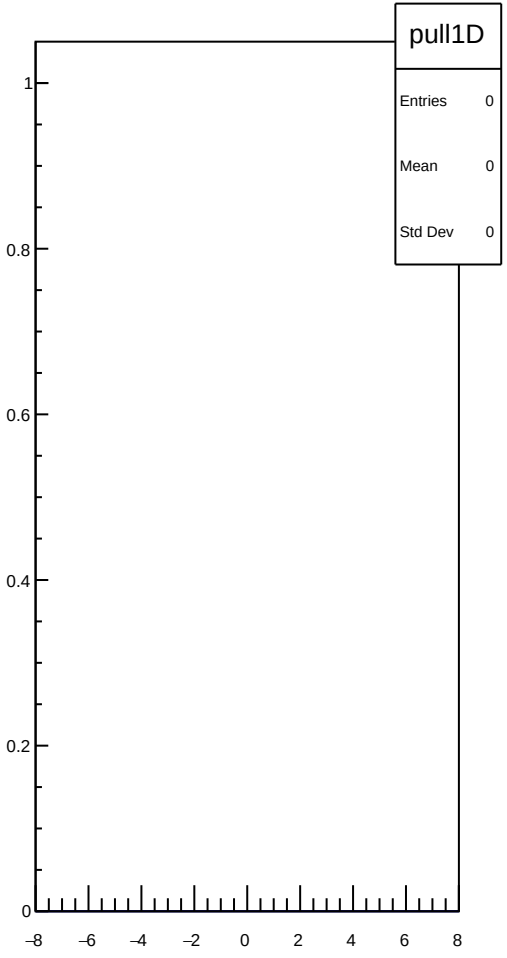

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

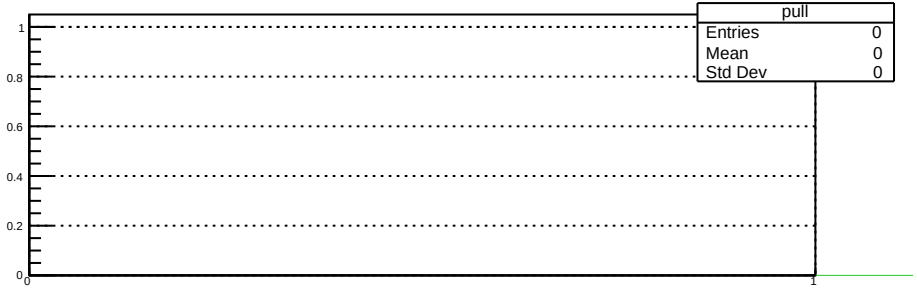

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

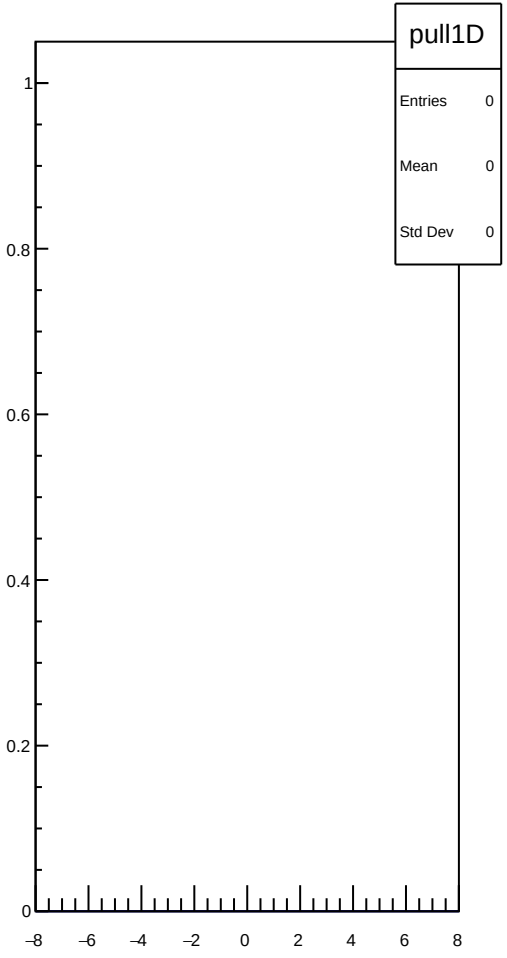

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

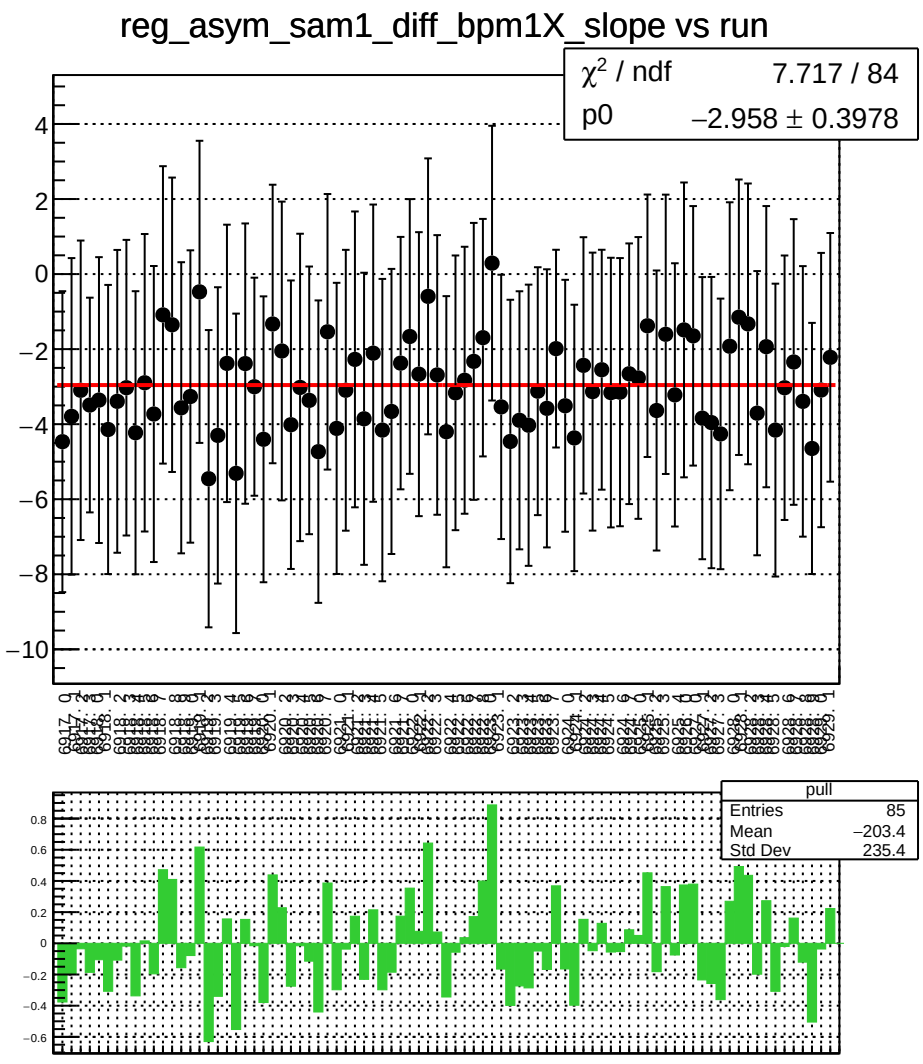

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

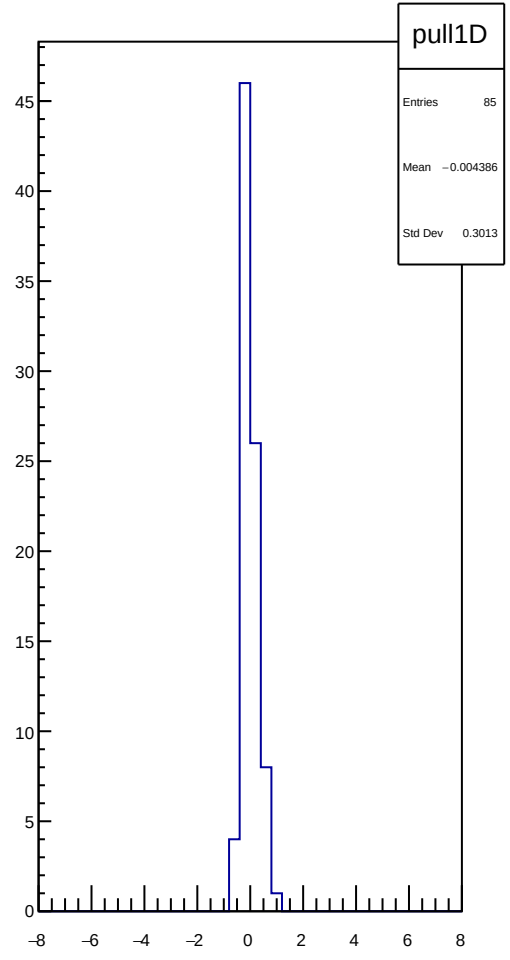

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

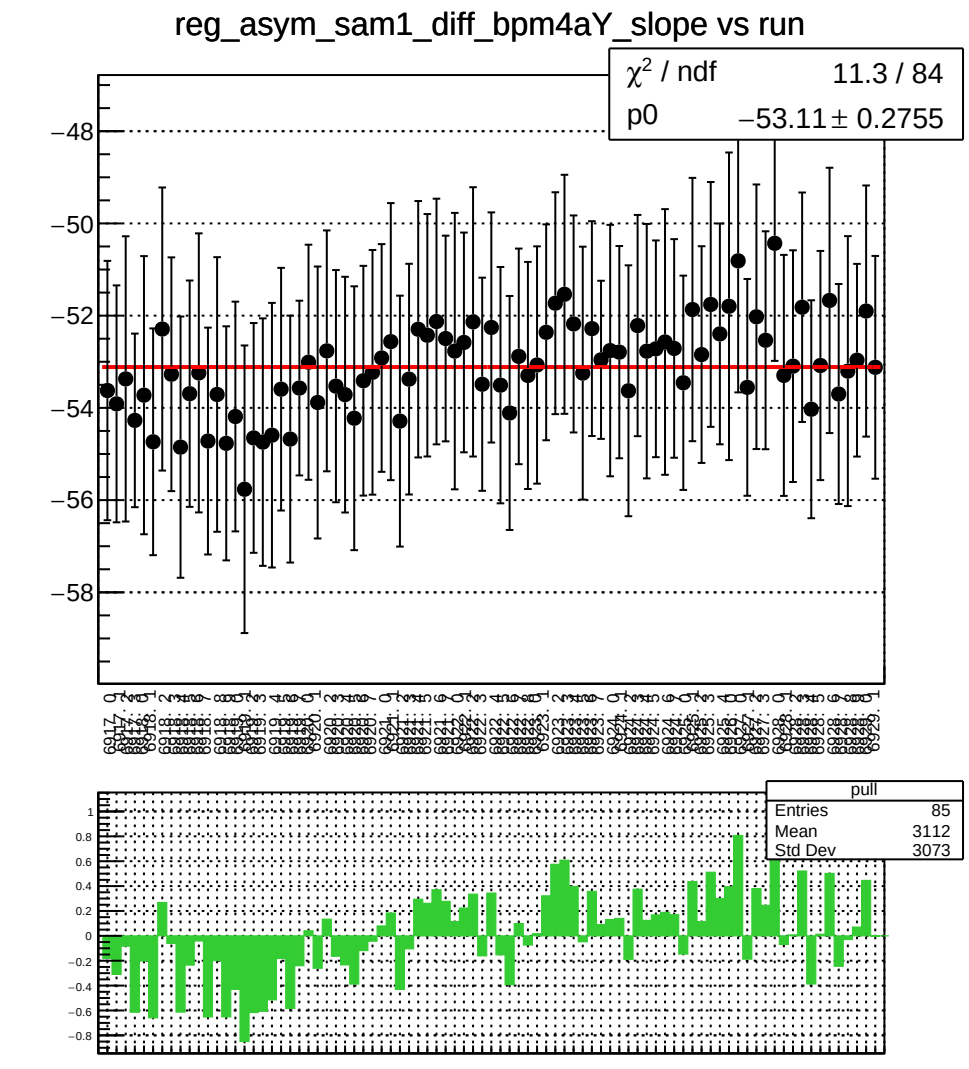

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

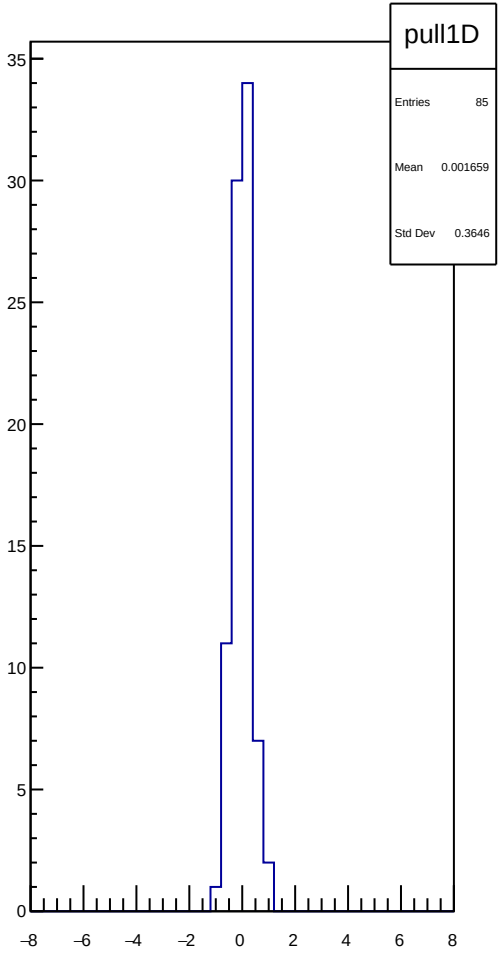

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

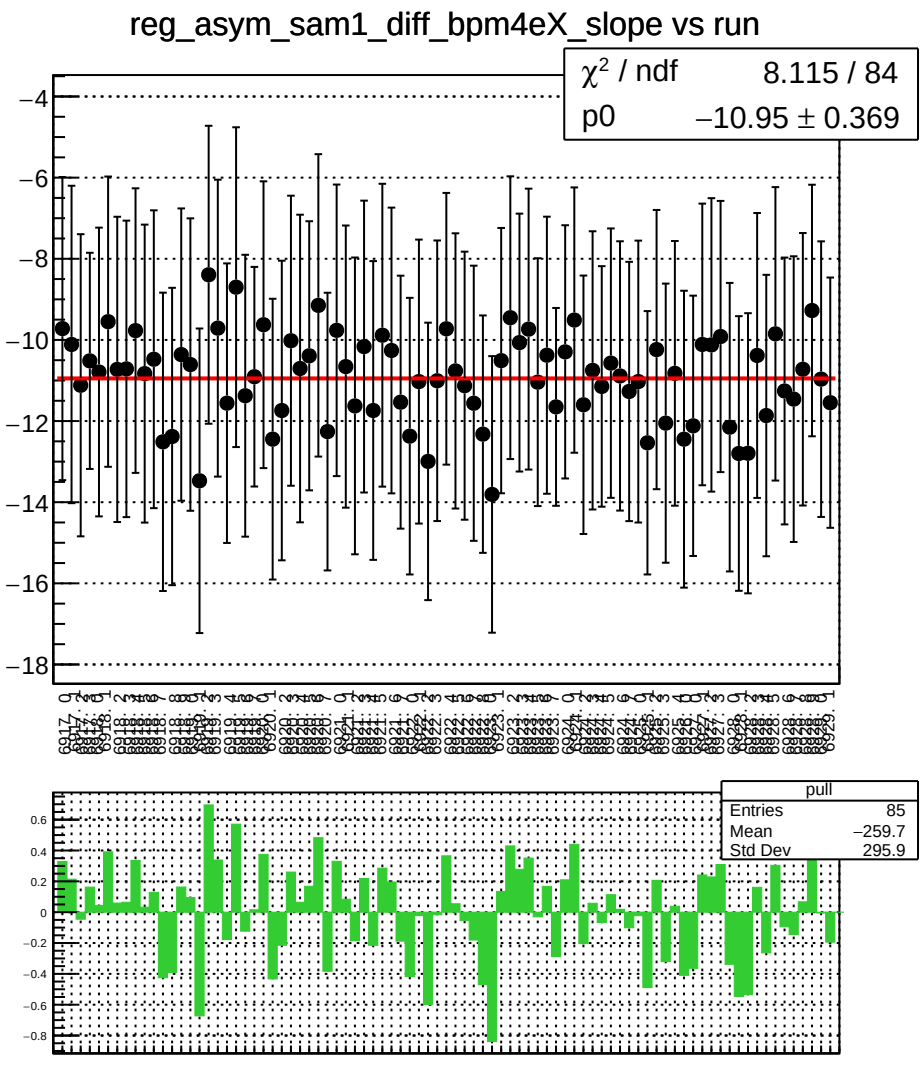

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

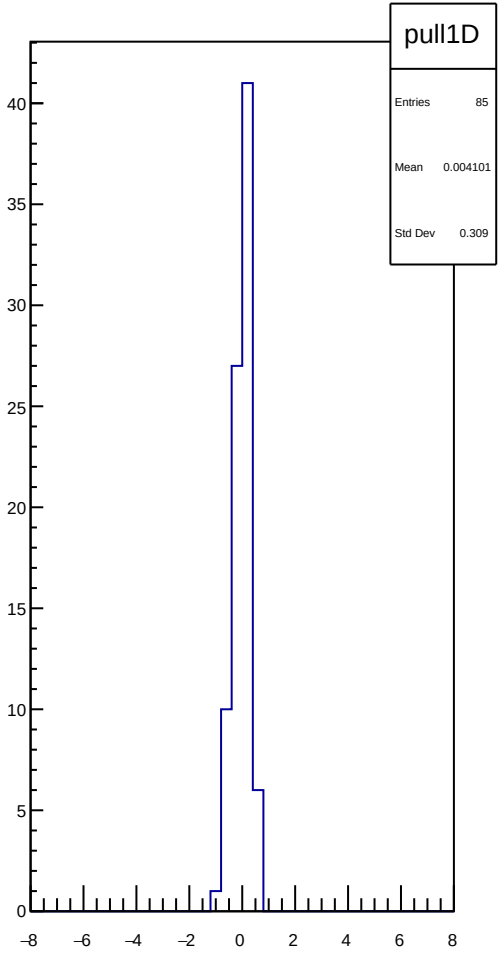

reg_asym_sam1_diff_bpm1X_slope vs run
χ² / ndf 7.717 / 84
p0 −2.958 ± 0.3978
pull
Entries 85
Mean −203.4
Std Dev 235.4

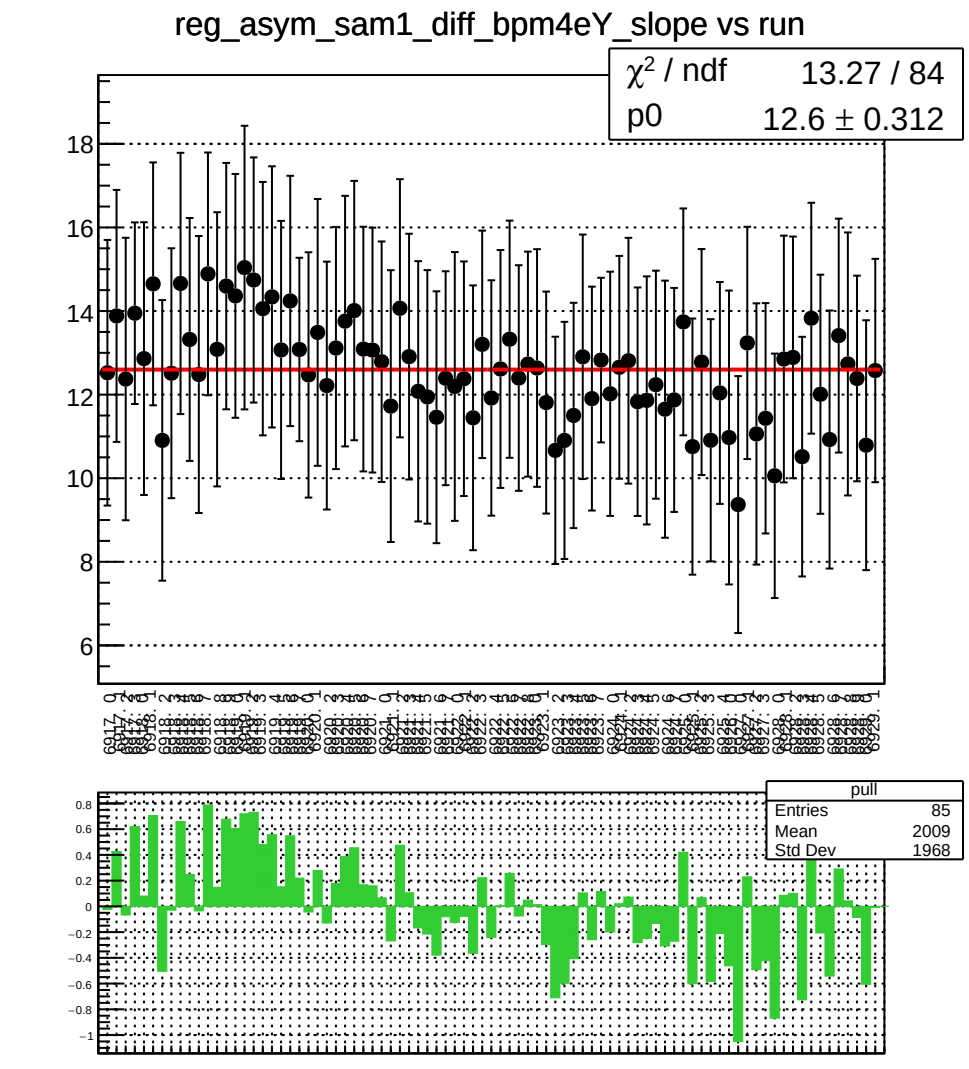

pull1D
Entries 85
Mean −0.004386
Std Dev 0.3013

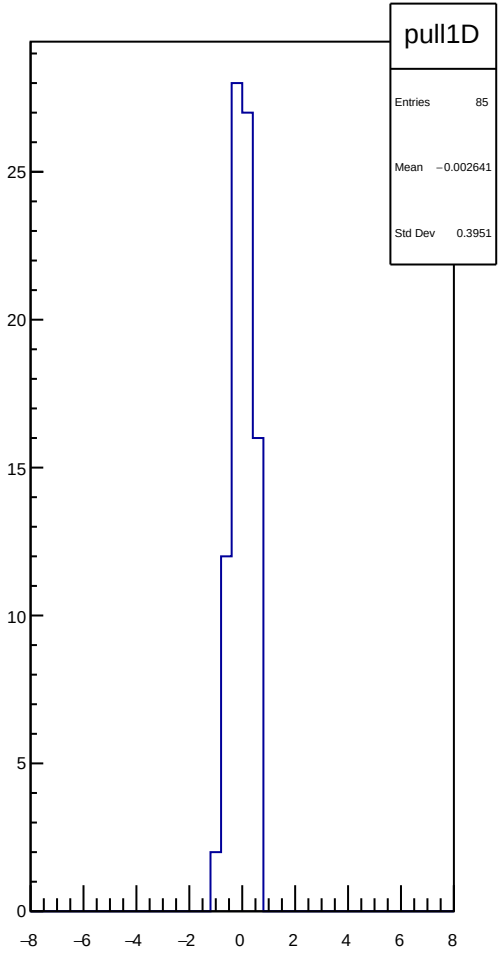

reg_asym_sam1_diff_bpm4aY_slope vs run
χ² / ndf 11.3 / 84
p0 −53.11 ± 0.2755
pull
Entries 85
Mean 3112
Std Dev 3073

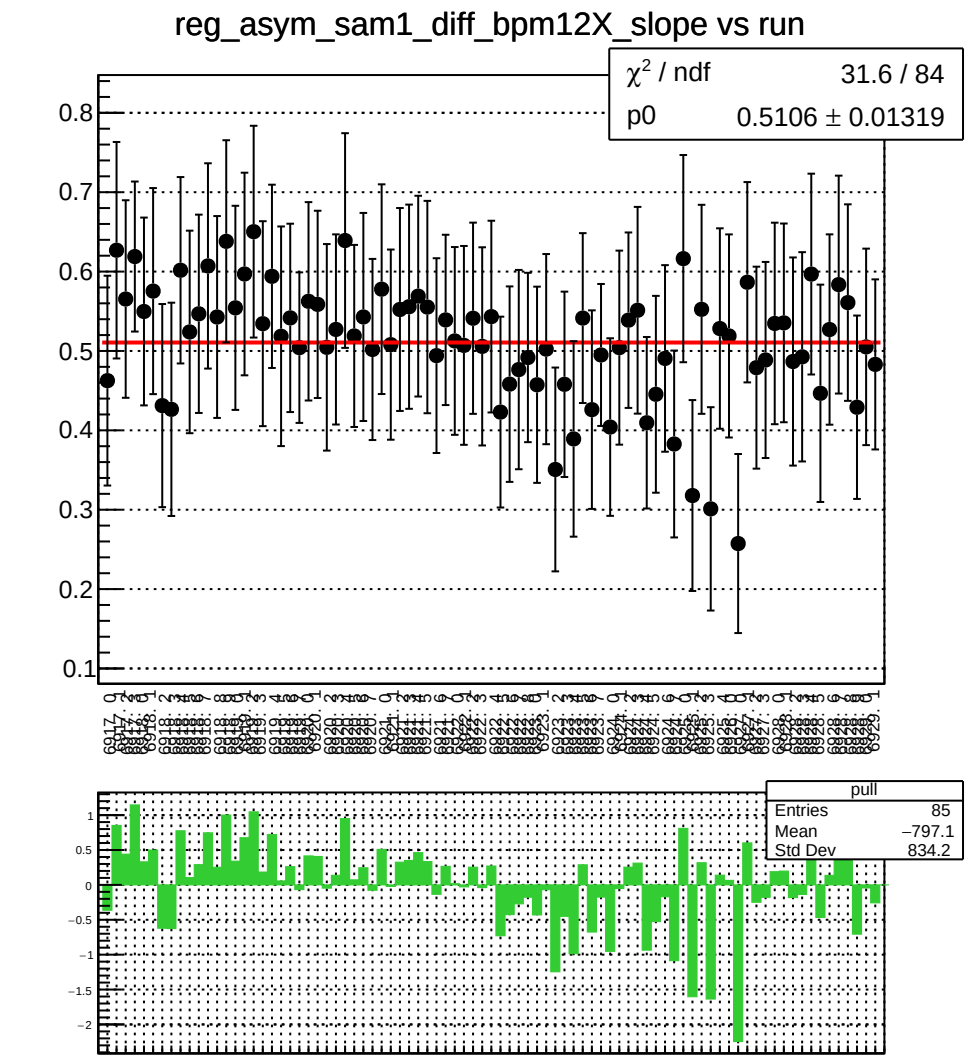

pull1D
Entries 85
Mean 0.001659
Std Dev 0.3646

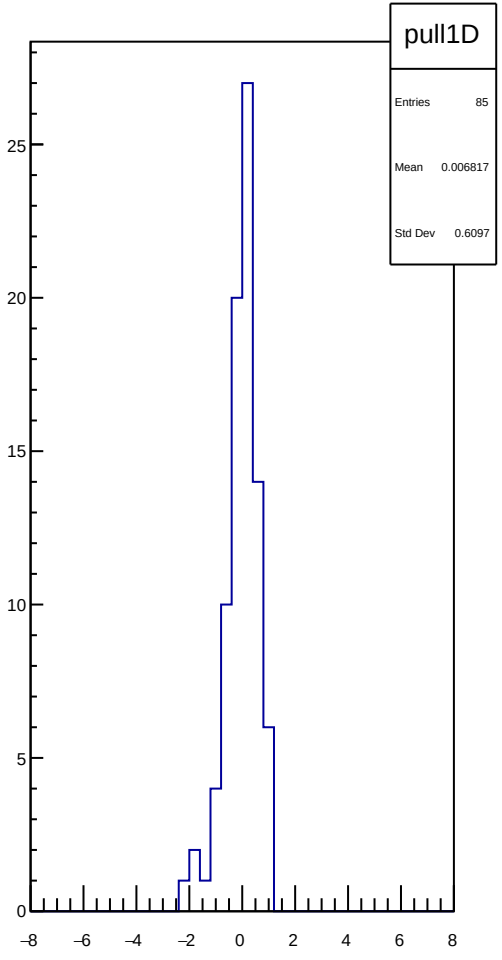

reg_asym_sam1_diff_bpm4eX_slope vs run
χ² / ndf 8.115 / 84
p0 −10.95 ± 0.369
pull
Entries 85
Mean −259.7
Std Dev 295.9

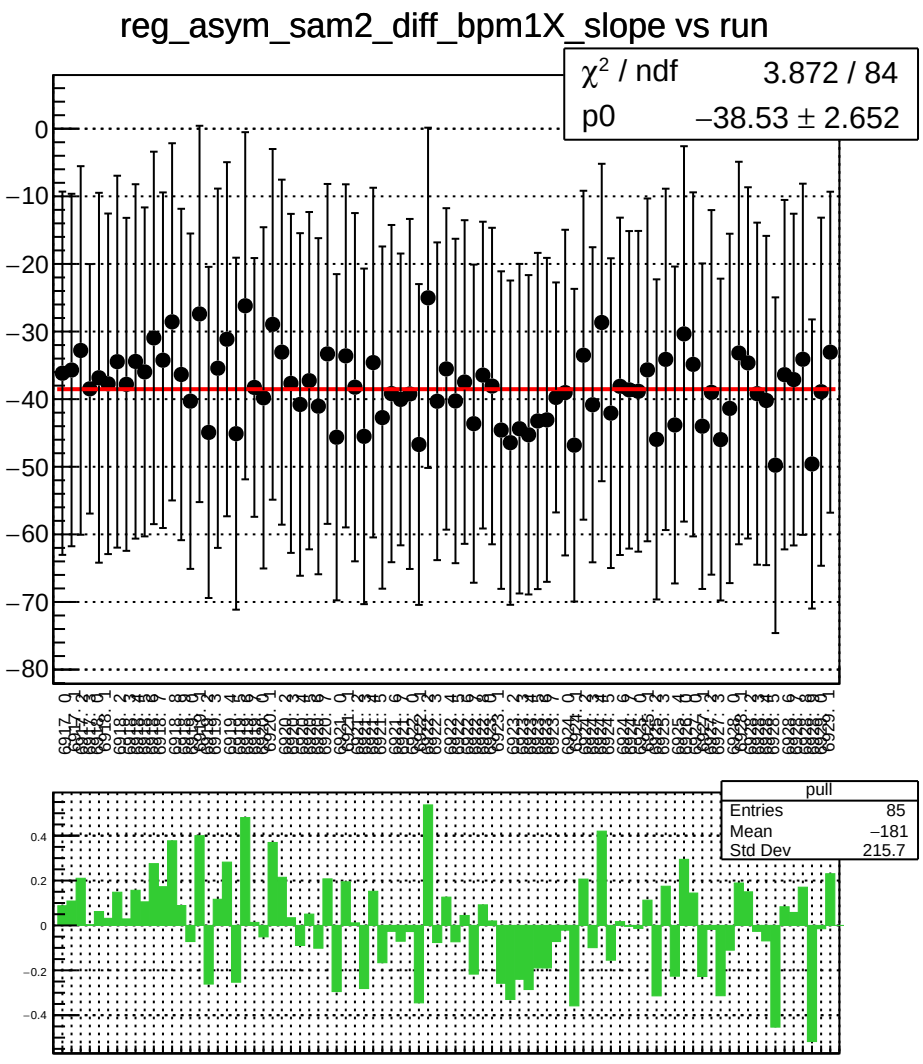

pull1D
Entries 85
Mean 0.004101
Std Dev 0.309

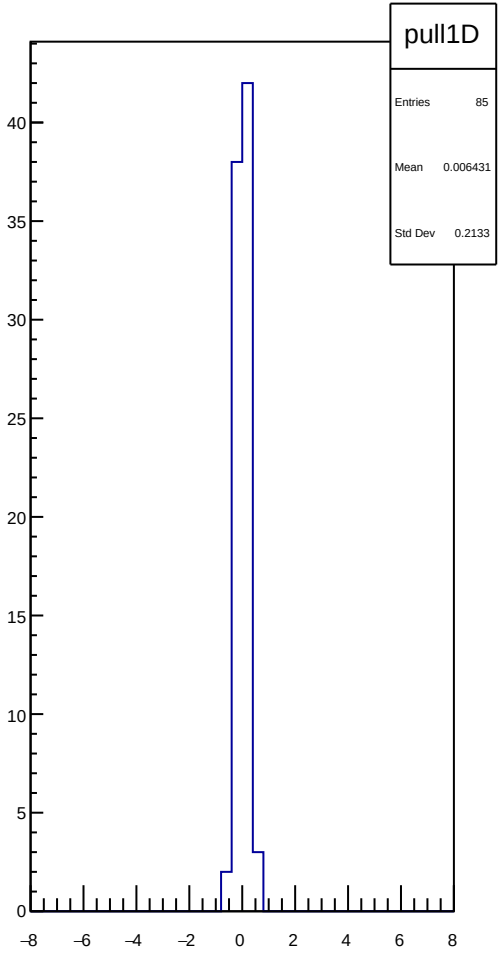

reg_asym_sam1_diff_bpm4eY_slope vs run
χ² / ndf 13.27 / 84
p0 12.6 ± 0.312
pull
Entries 85
Mean 2009
Std Dev 1968

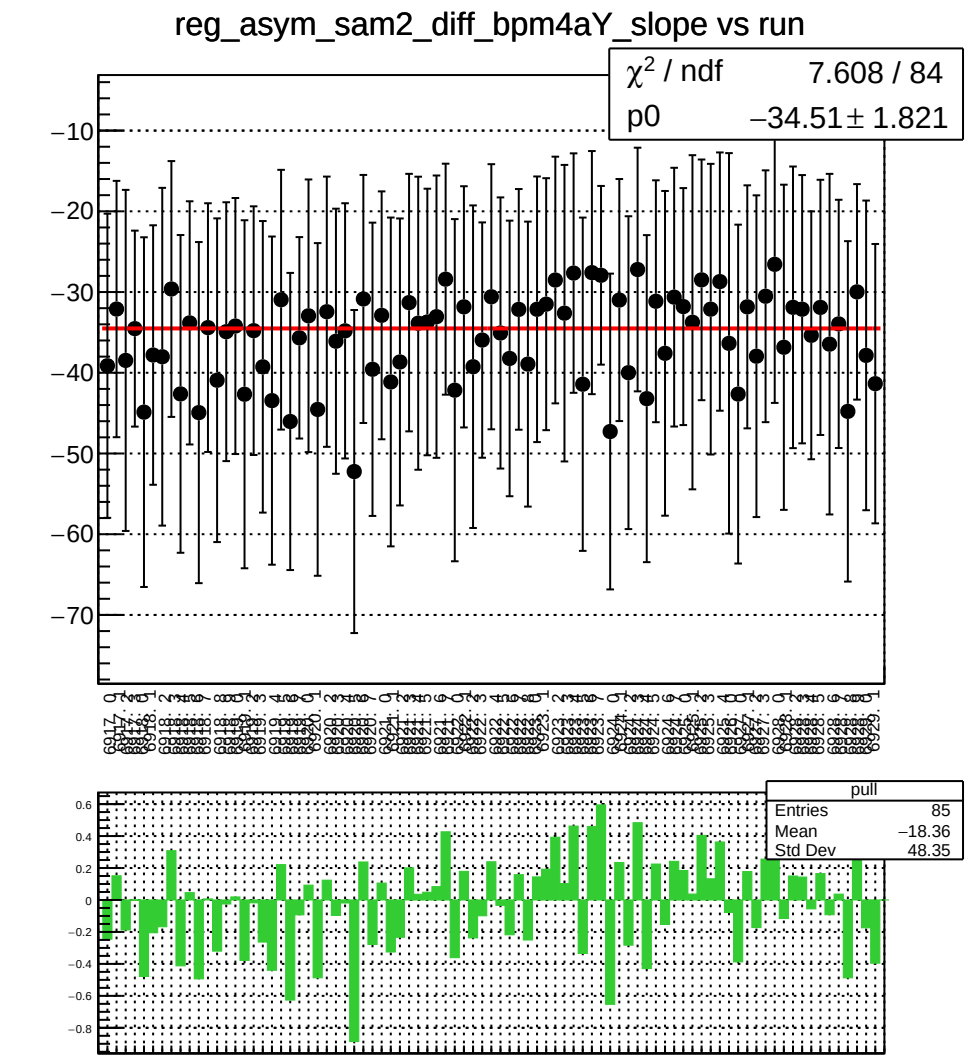

pull1D
Entries 85
Mean −0.002641
Std Dev 0.3951

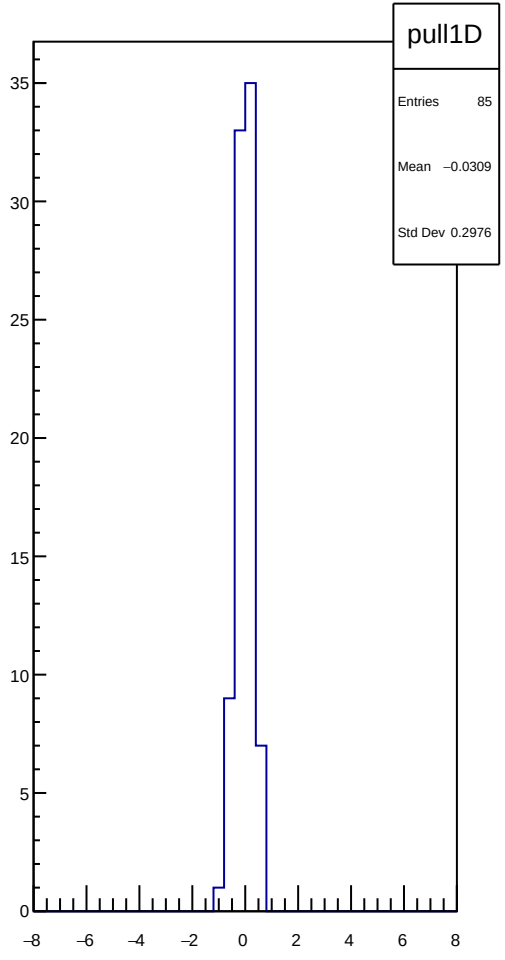

reg_asym_sam1_diff_bpm12X_slope vs run
χ² / ndf 31.6 / 84
p0 0.5106 ± 0.01319
pull
Entries 85
Mean −797.1
Std Dev 834.2

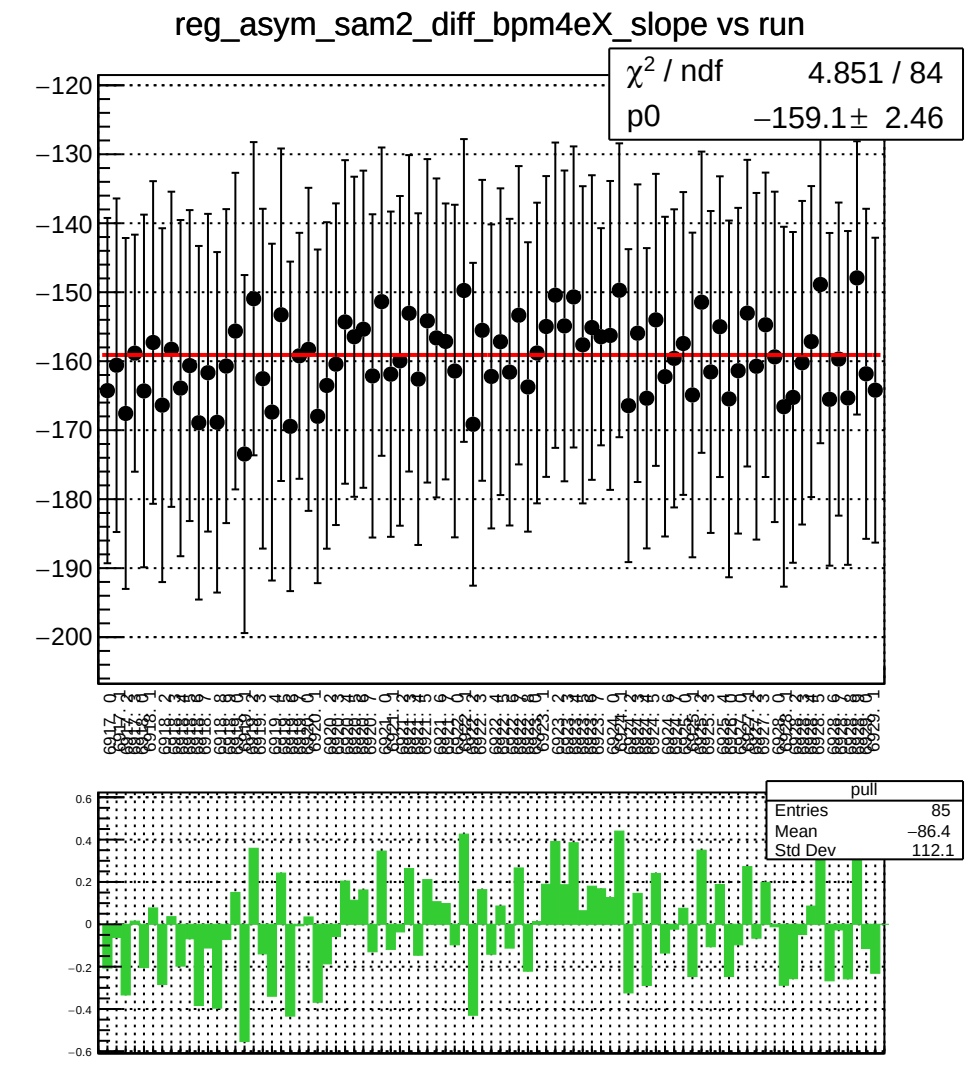

pull1D
Entries 85
Mean 0.006817
Std Dev 0.6097

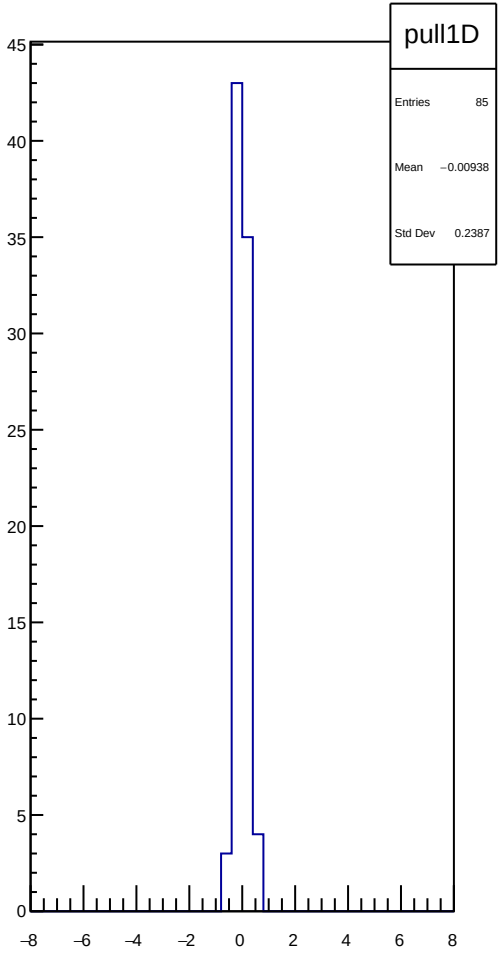

reg_asym_sam2_diff_bpm1X_slope vs run
χ² / ndf 3.872 / 84
p0 −38.53 ± 2.652
pull
Entries 85
Mean −181
Std Dev 215.7

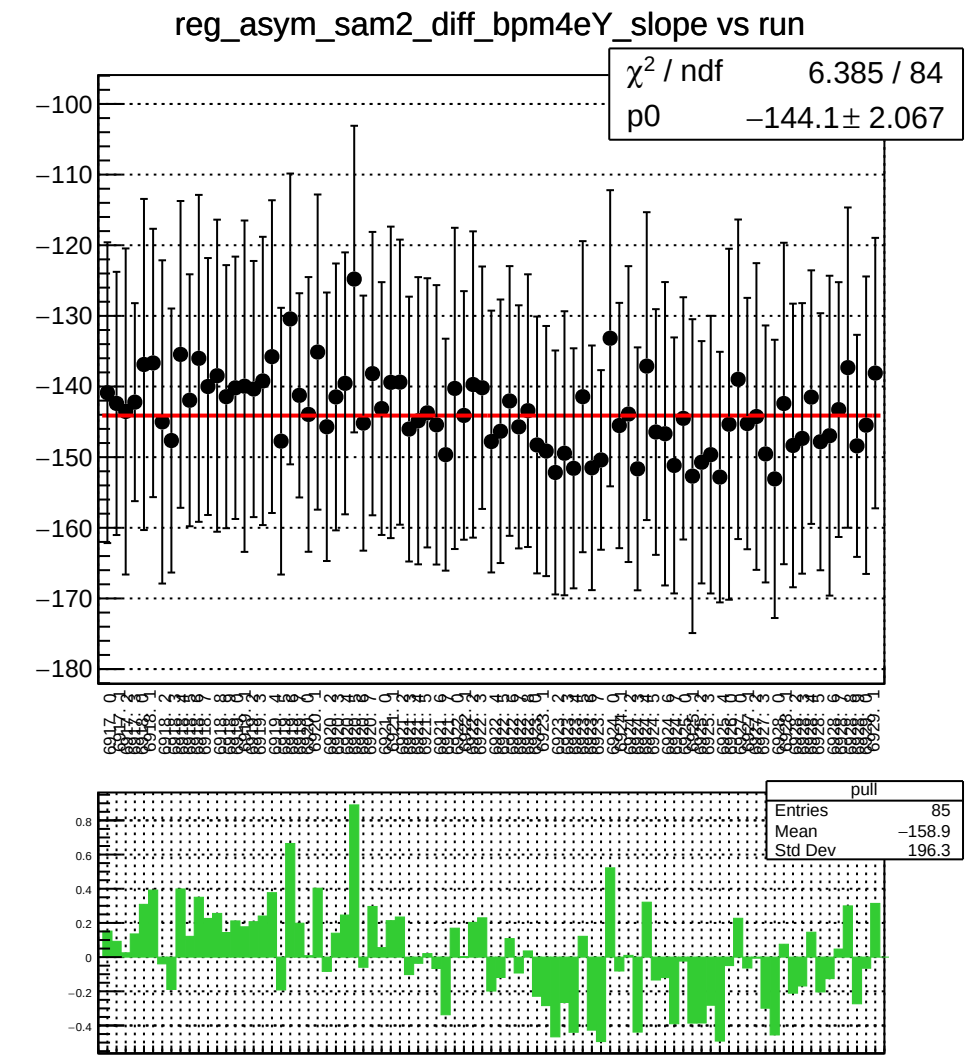

pull1D
Entries 85
Mean 0.006431
Std Dev 0.2133

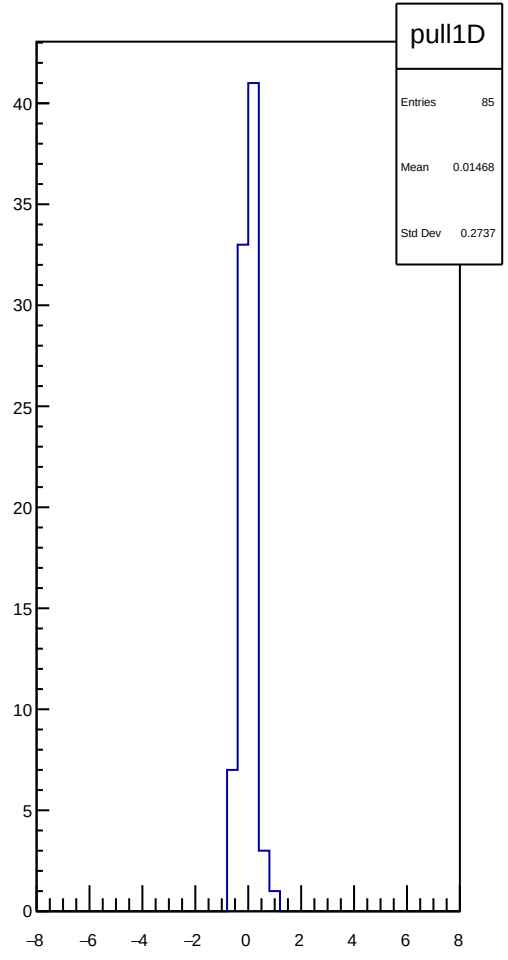

reg_asym_sam2_diff_bpm4aY_slope vs run
χ² / ndf 7.608 / 84
p0 −34.51 ± 1.821
pull
Entries 85
Mean −18.36
Std Dev 48.35

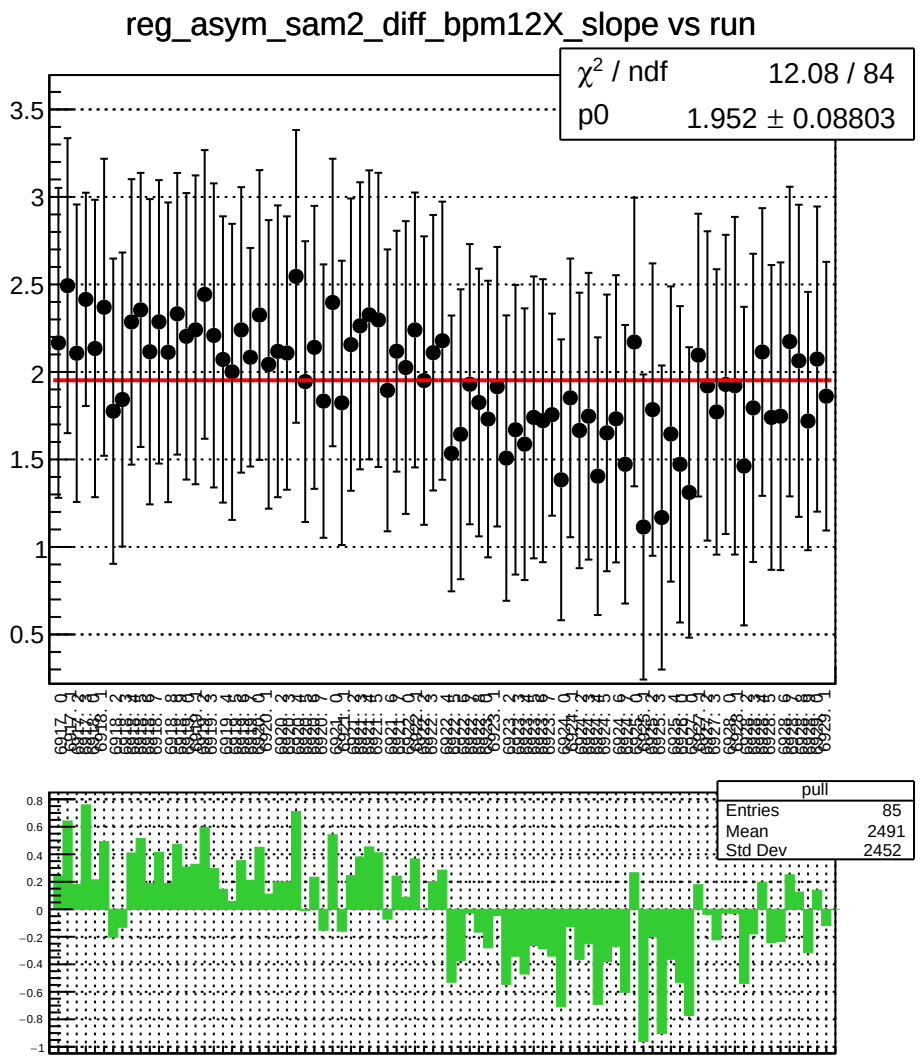

pull1D
Entries 85
Mean −0.0309
Std Dev 0.2976

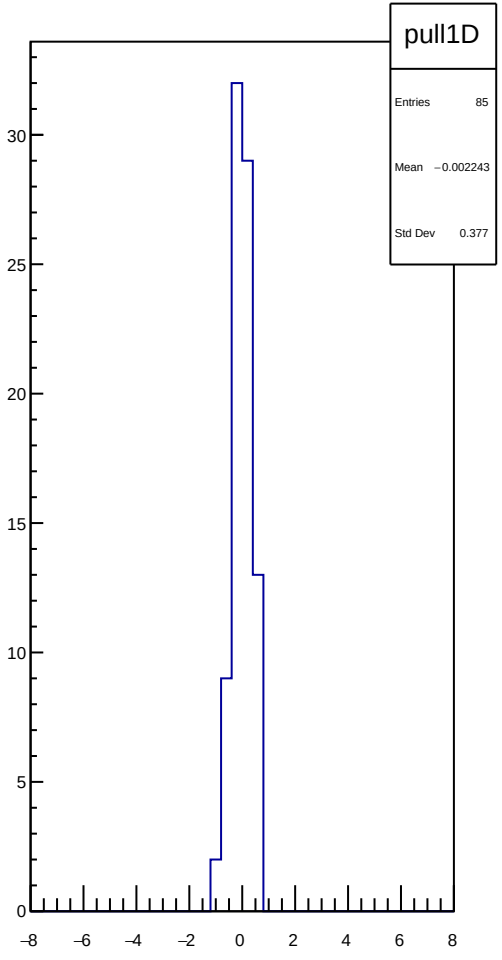

reg_asym_sam2_diff_bpm4eX_slope vs run
χ² / ndf 4.851 / 84
p0 −159.1± 2.46
pull
Entries 85
Mean −86.4
Std Dev 112.1

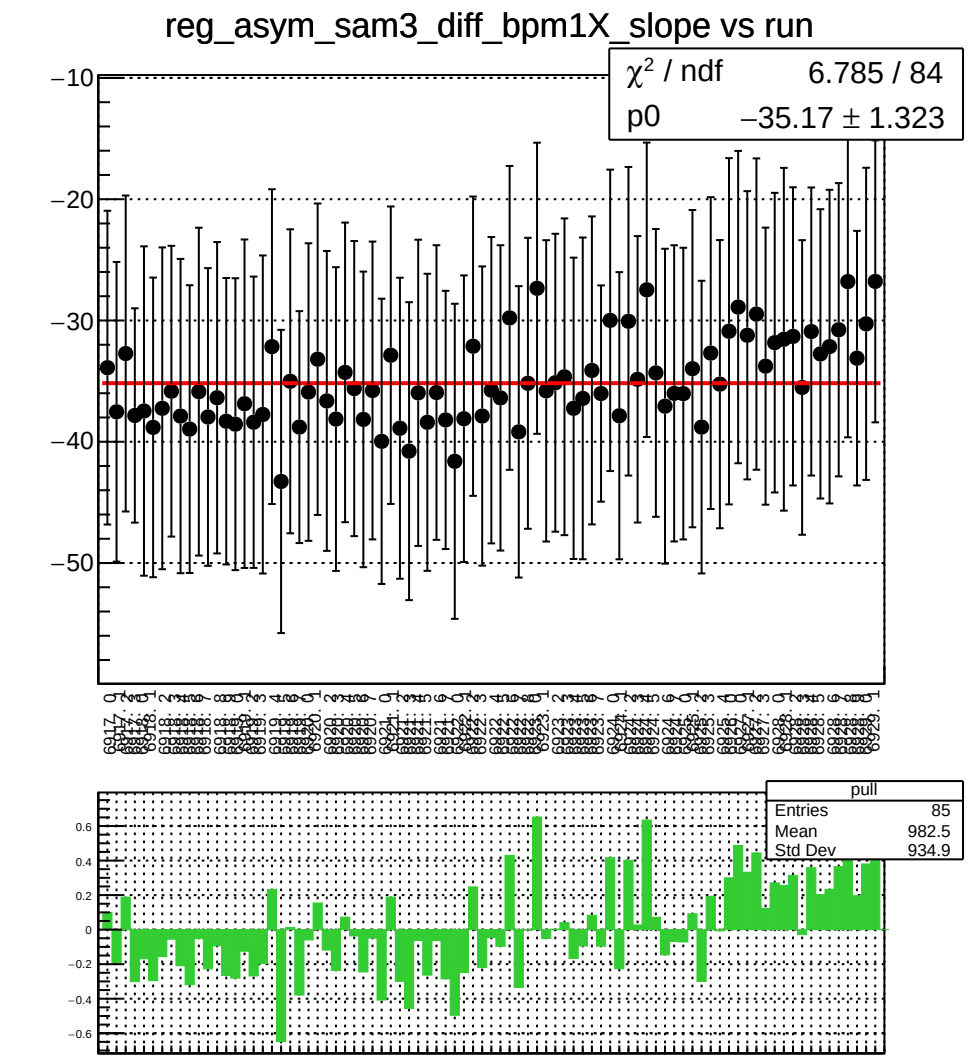

pull1D
Entries 85
Mean −0.00938
Std Dev 0.2387

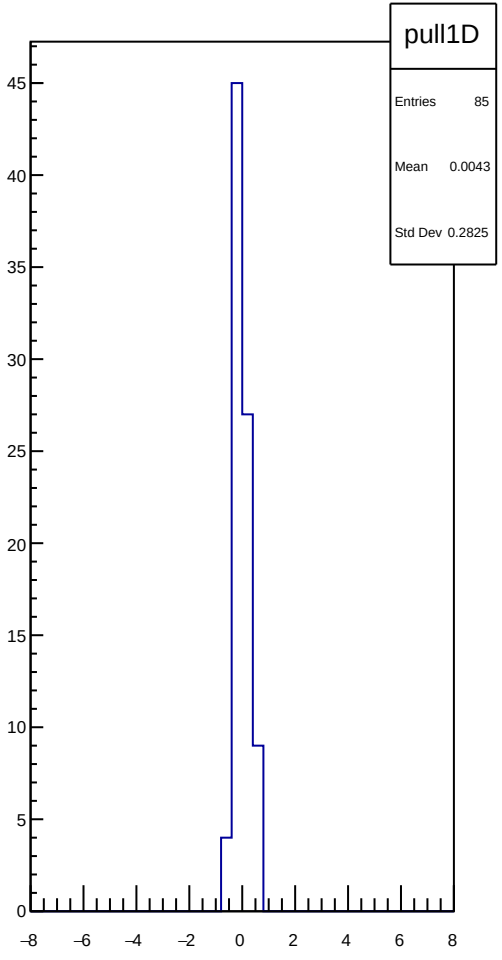

reg_asym_sam2_diff_bpm4eY_slope vs run
χ² / ndf 6.385 / 84
p0 −144.1± 2.067
pull
Entries 85
Mean −158.9
Std Dev 196.3

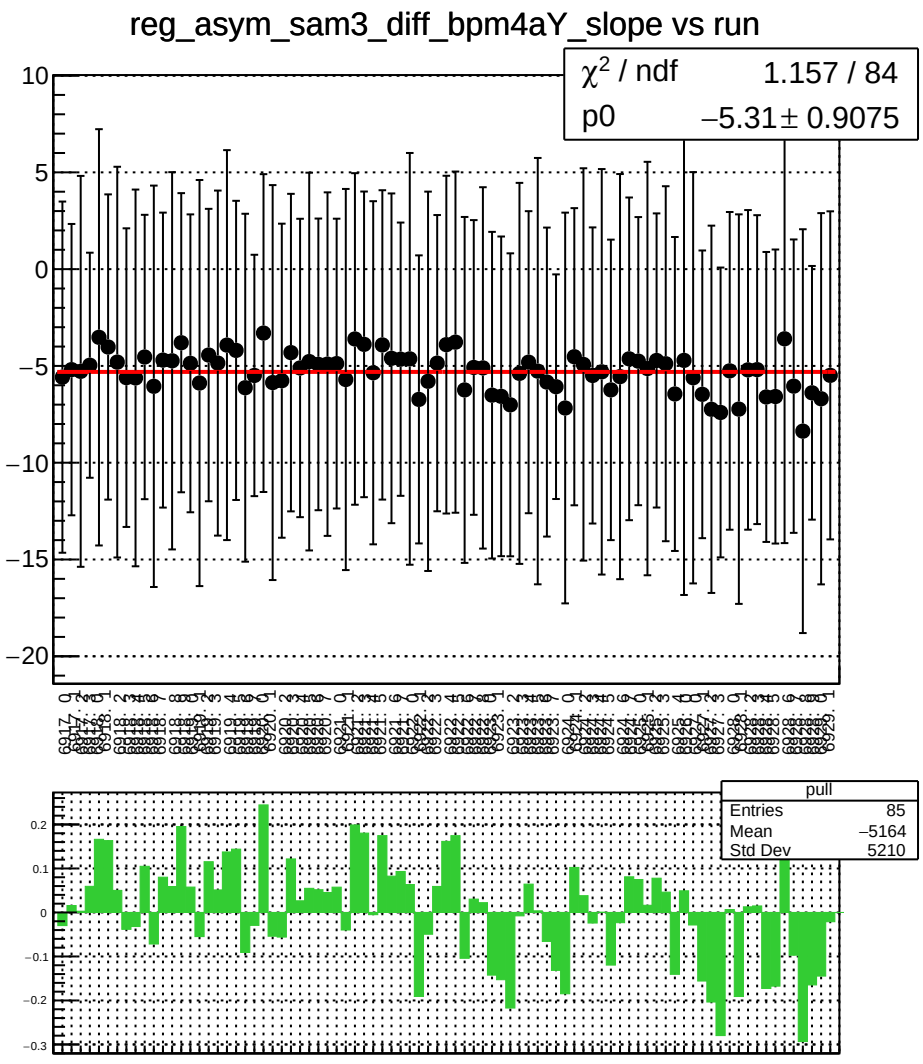

pull1D
Entries 85
Mean 0.01468
Std Dev 0.2737

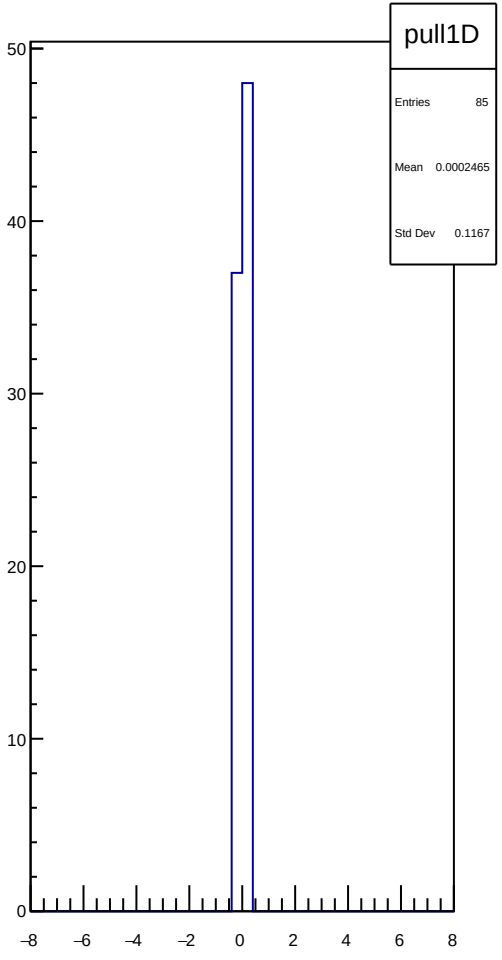

reg_asym_sam2_diff_bpm12X_slope vs run
χ² / ndf 12.08 / 84
p0 1.952 ± 0.08803
pull
Entries 85
Mean 2491
Std Dev 2452

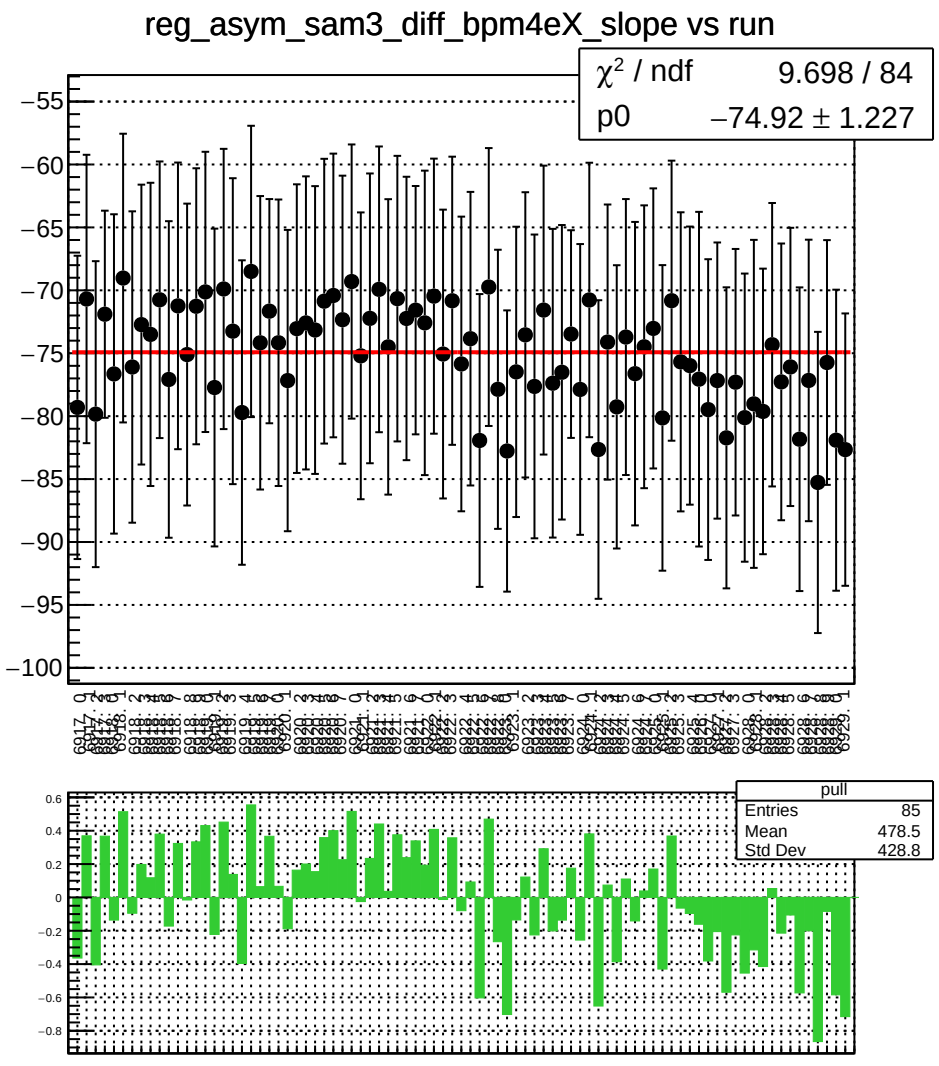

pull1D
Entries 85
Mean −0.002243
Std Dev 0.377

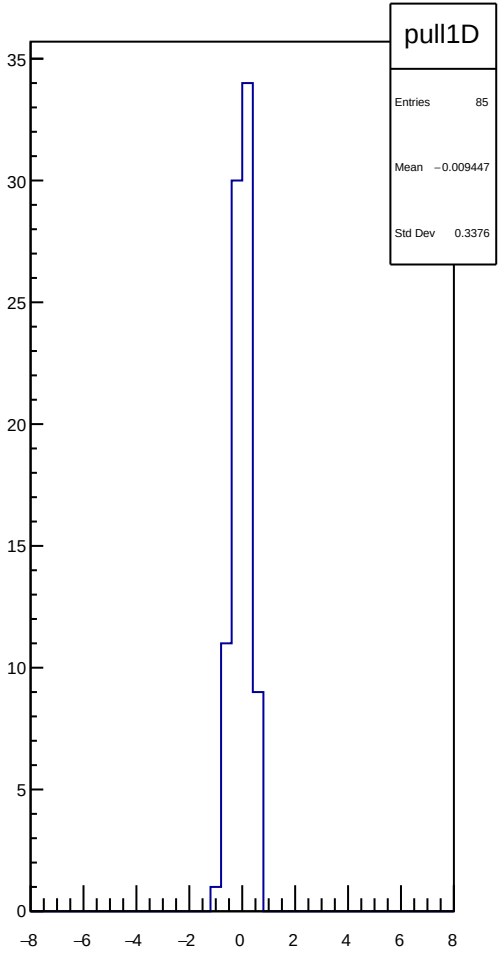

reg_asym_sam3_diff_bpm1X_slope vs run
χ² / ndf 6.785 / 84
p0 −35.17 ± 1.323
pull
Entries 85
Mean 982.5
Std Dev 934.9

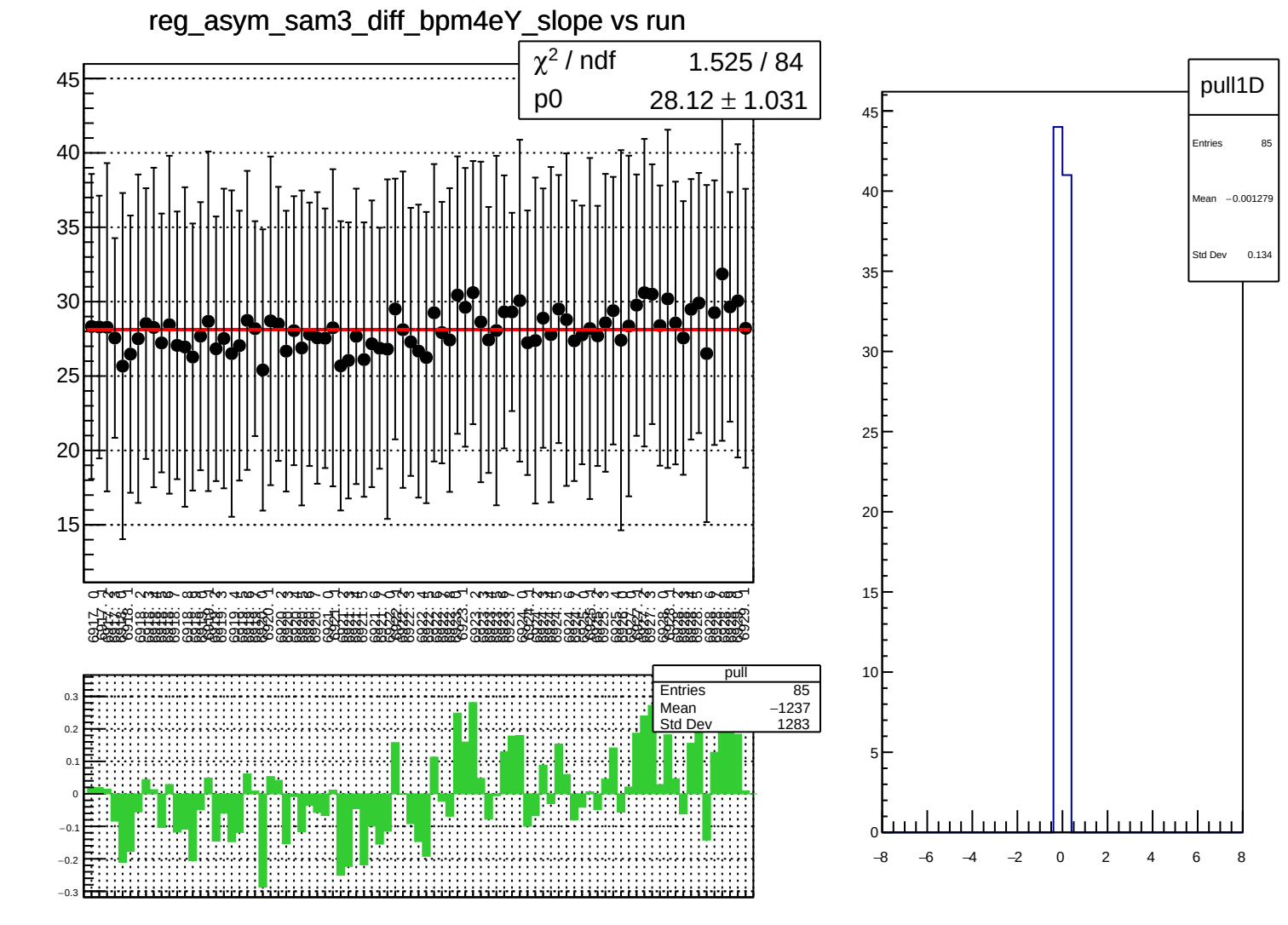

pull1D
Entries 85
Mean 0.0043
Std Dev 0.2825

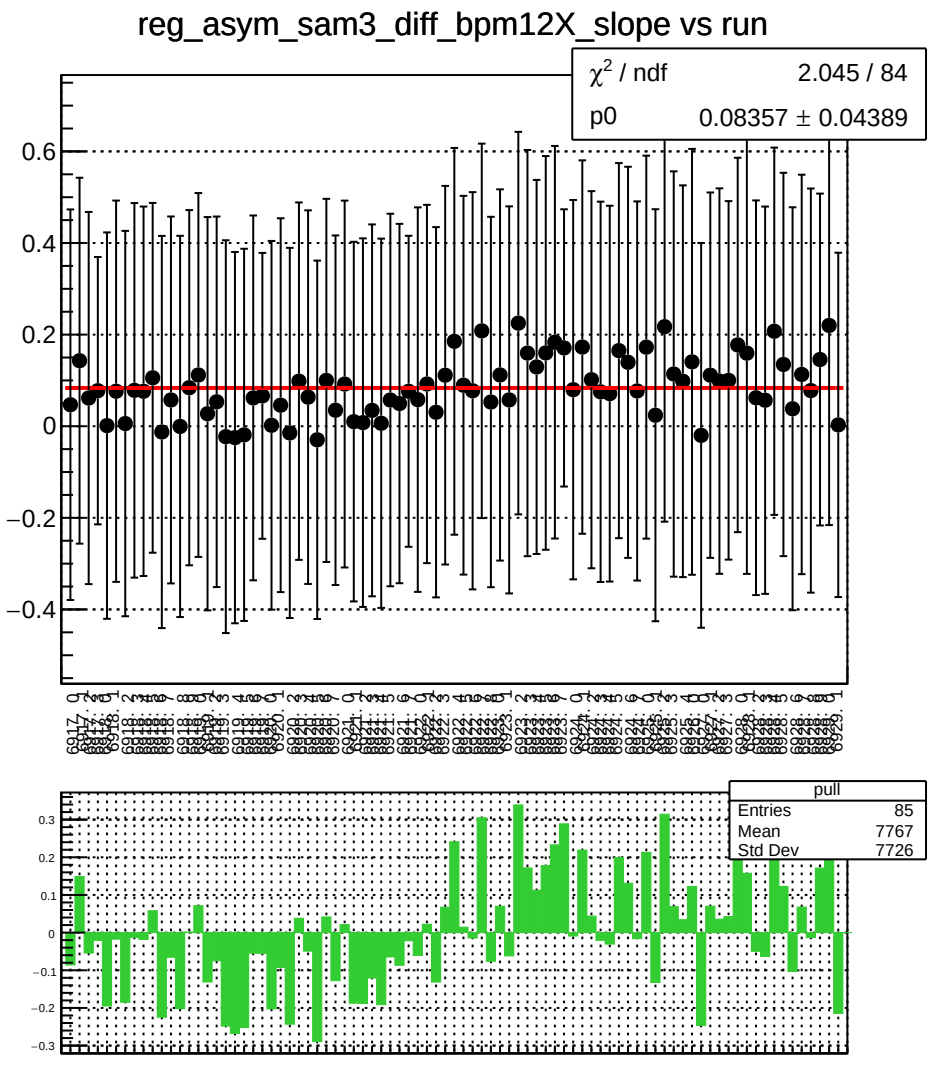

reg_asym_sam3_diff_bpm4aY_slope vs run
χ² / ndf 1.157 / 84
p0 −5.31 ± 0.9075
pull
Entries 85
Mean −5164
Std Dev 5210

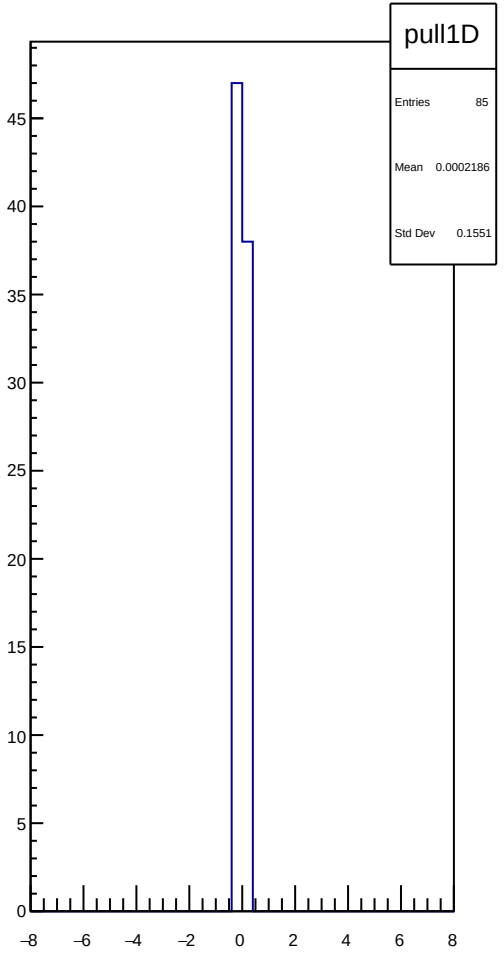

pull1D
Entries 85
Mean 0.0002465
Std Dev 0.1167

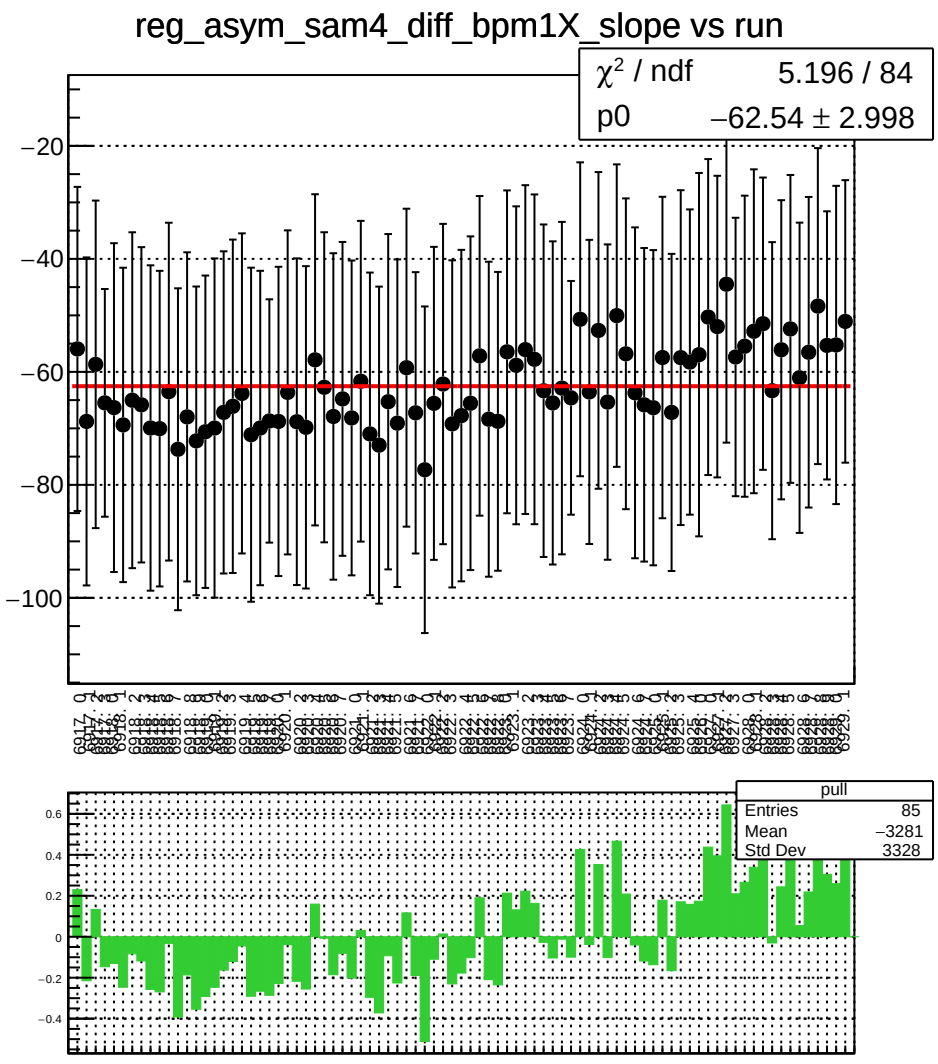

reg_asym_sam3_diff_bpm4eX_slope vs run
χ² / ndf 9.698 / 84
p0 −74.92 ± 1.227
pull
Entries 85
Mean 478.5
Std Dev 428.8

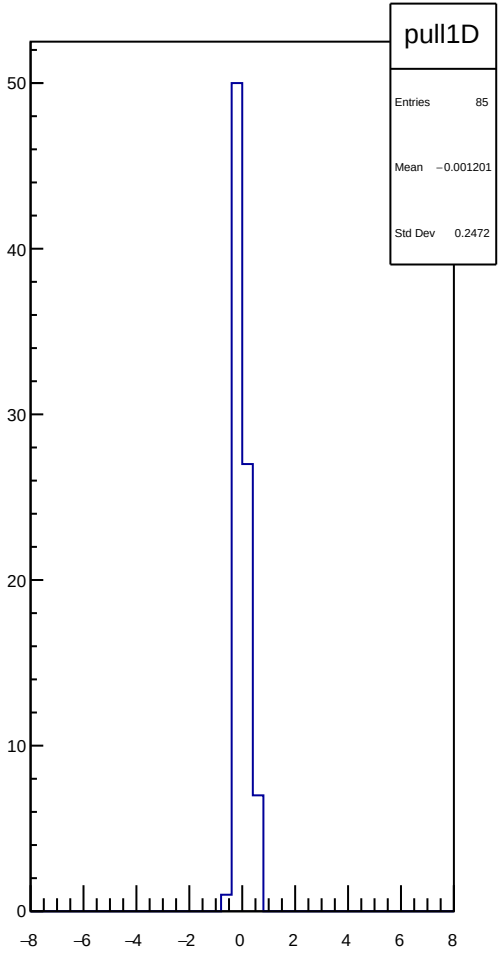

pull1D
Entries 85
Mean −0.009447
Std Dev 0.3376

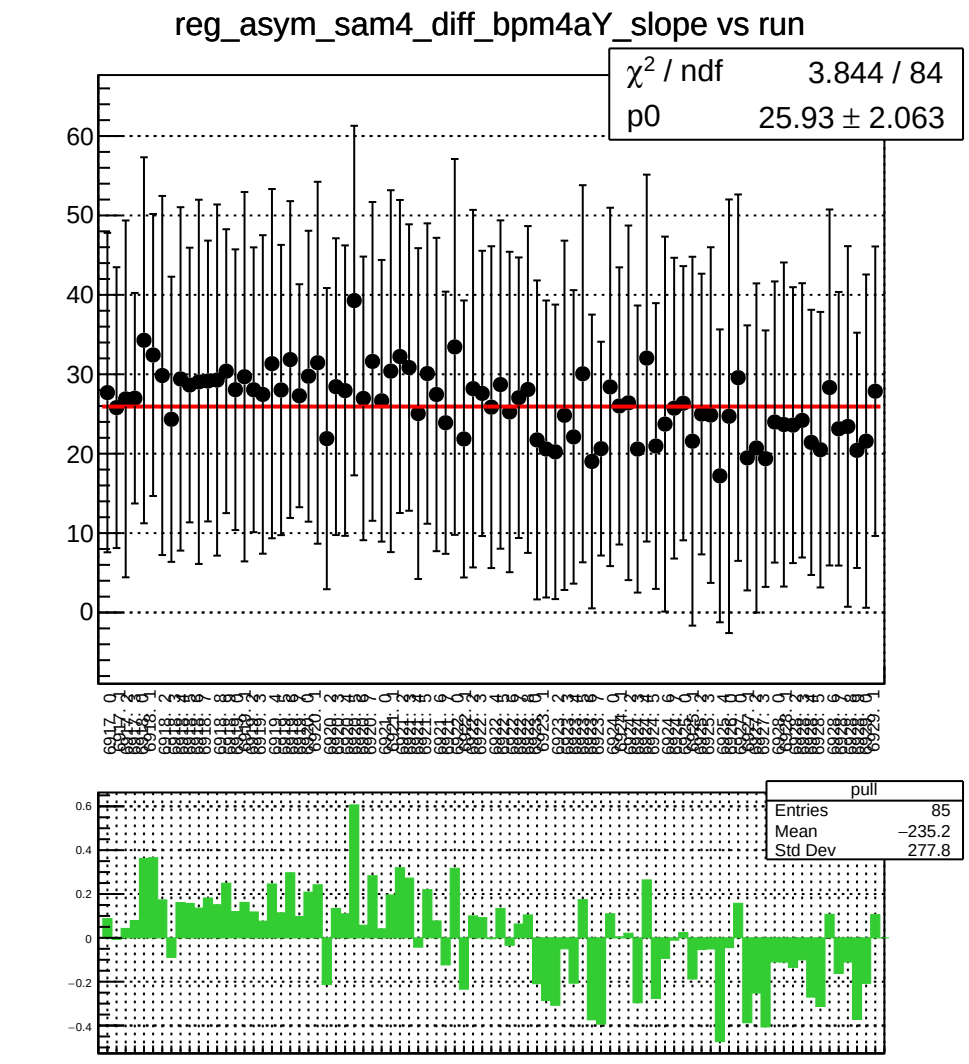

reg_asym_sam3_diff_bpm4eY_slope vs run
χ² / ndf 1.525 / 84
p0 28.12 ± 1.031
pull
Entries 85
Mean −1237
Std Dev 1283
pull1D
Entries 85
Mean −0.001279
Std Dev 0.134

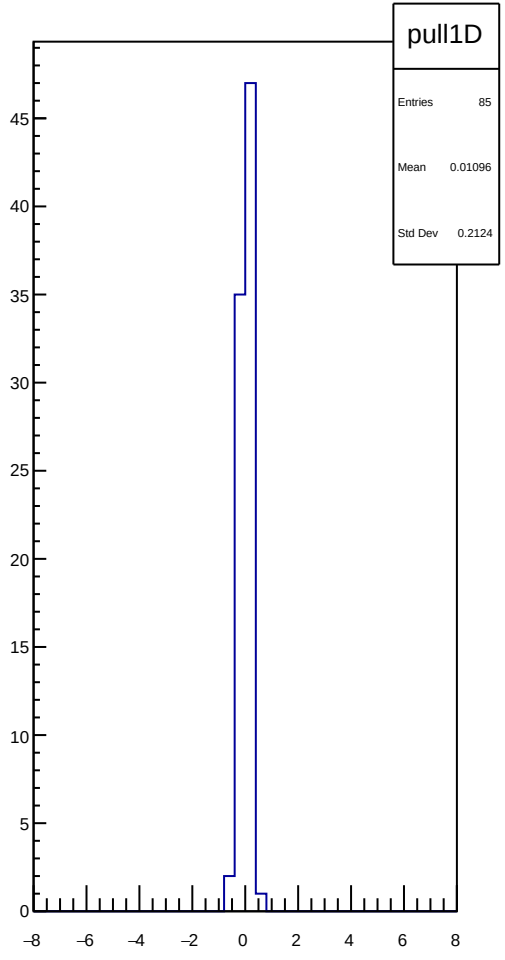

reg_asym_sam3_diff_bpm12X_slope vs run
χ² / ndf 2.045 / 84
p0 0.08357 ± 0.04389
pull
Entries 85
Mean 7767
Std Dev 7726

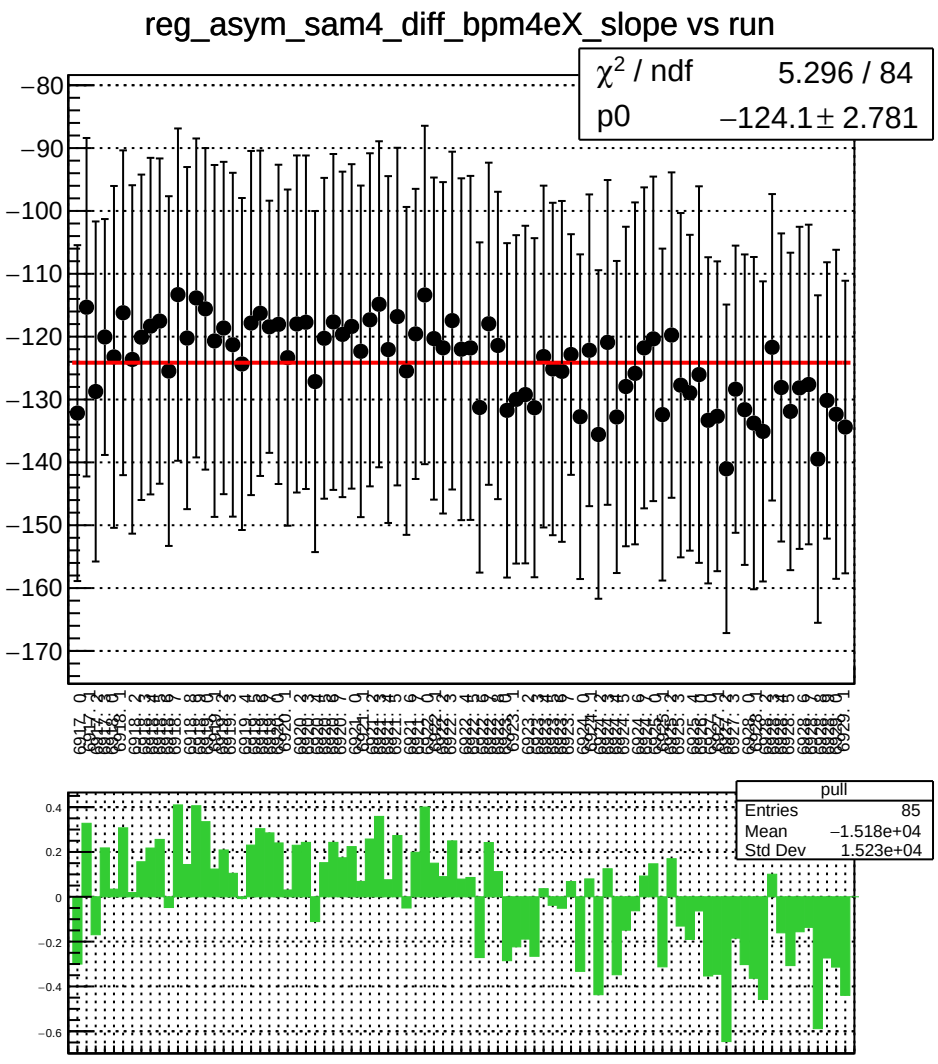

pull1D
Entries 85
Mean 0.0002186
Std Dev 0.1551

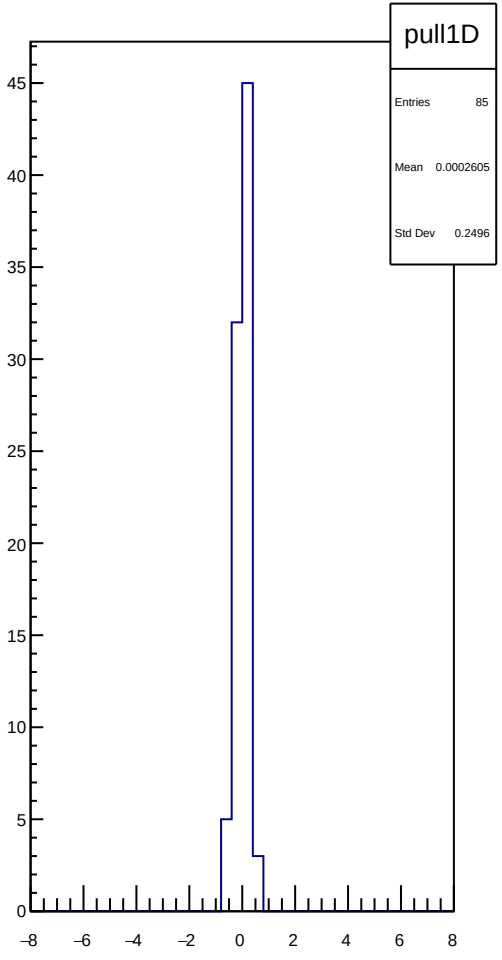

reg_asym_sam4_diff_bpm1X_slope vs run
χ² / ndf 5.196 / 84
p0 −62.54 ± 2.998
pull
Entries 85
Mean −3281
Std Dev 3328

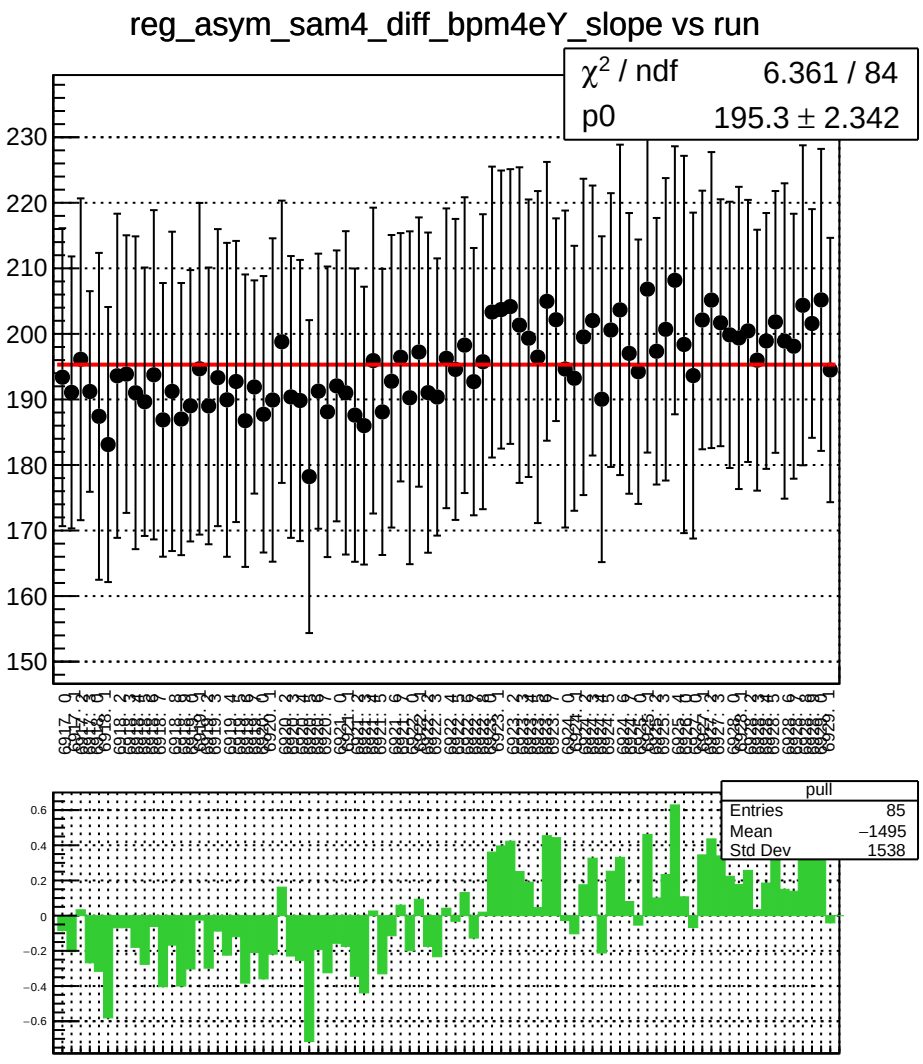

pull1D
Entries 85
Mean −0.001201
Std Dev 0.2472

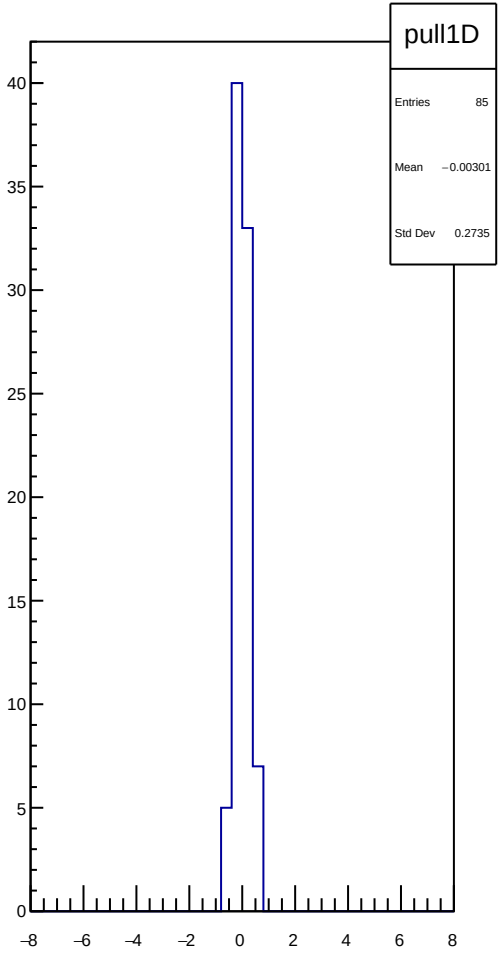

reg_asym_sam4_diff_bpm4aY_slope vs run
χ² / ndf 3.844 / 84
p0 25.93 ± 2.063
pull
Entries 85
Mean −235.2
Std Dev 277.8

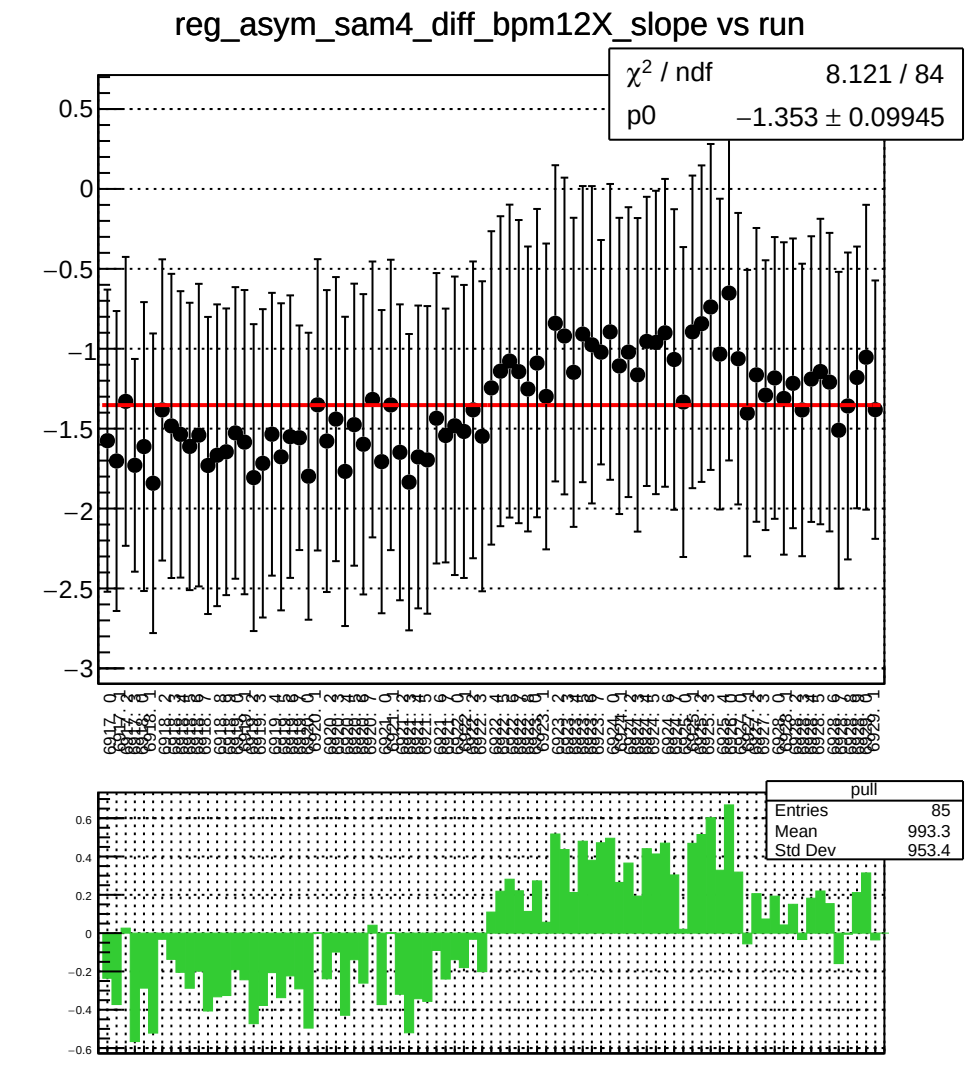

pull1D
Entries 85
Mean 0.01096
Std Dev 0.2124

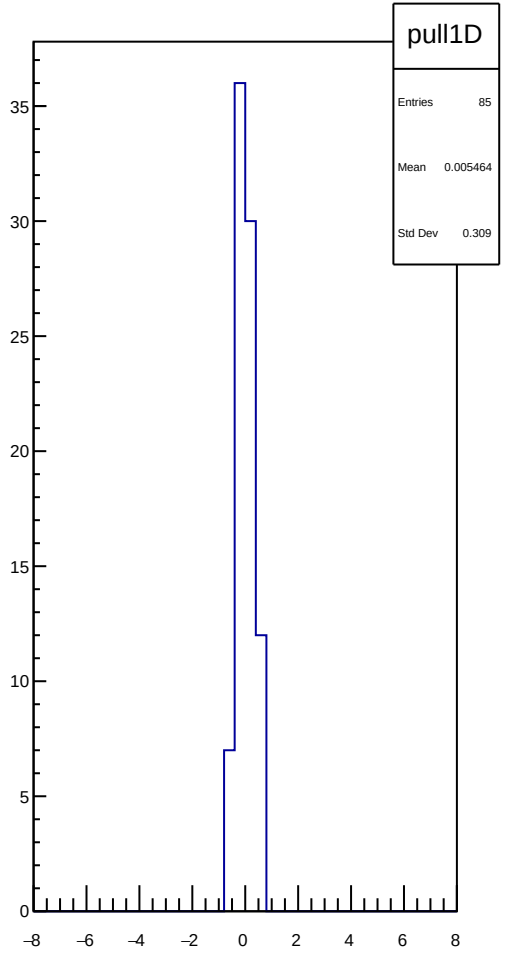

reg_asym_sam4_diff_bpm4eX_slope vs run
χ² / ndf 5.296 / 84
p0 −124.1 ± 2.781
pull
Entries 85
Mean −1.518e+04
Std Dev 1.523e+04

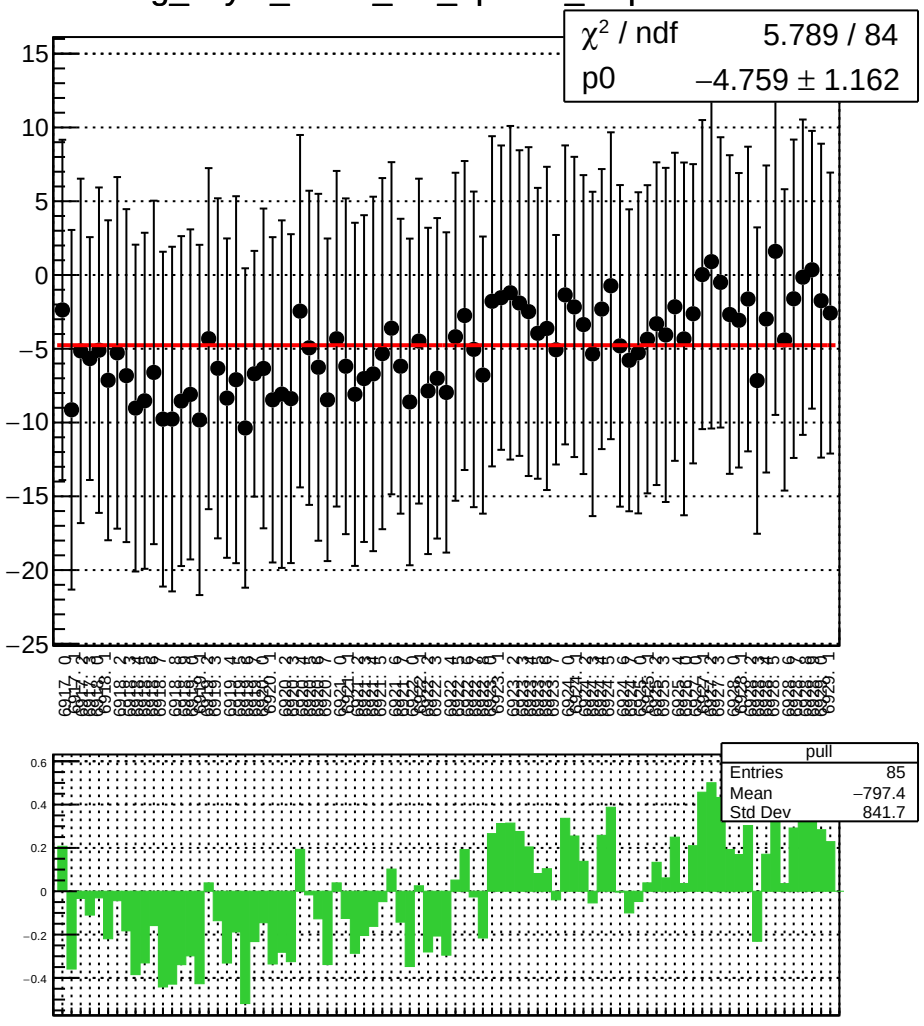

pull1D
Entries 85
Mean 0.0002605
Std Dev 0.2496

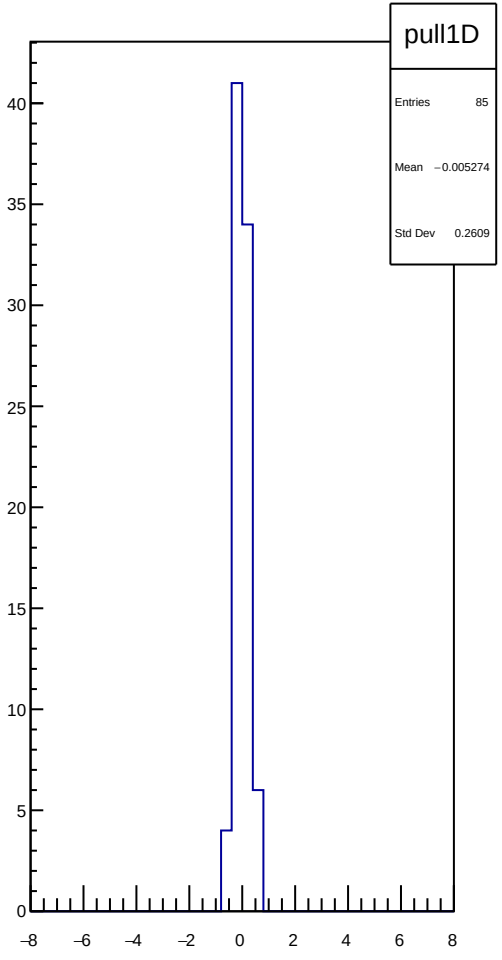

reg_asym_sam4_diff_bpm4eY_slope vs run
χ² / ndf 6.361 / 84
p0 195.3 ± 2.342
pull
Entries 85
Mean −1495
Std Dev 1538

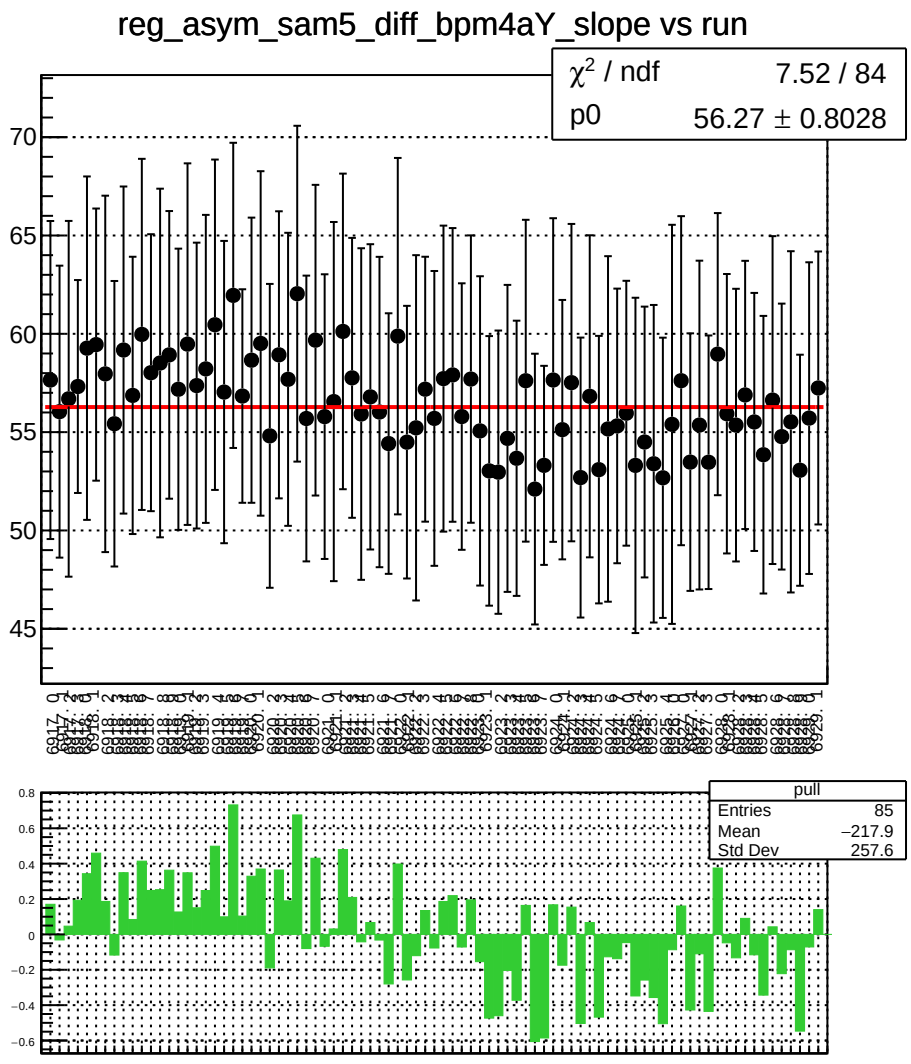

pull1D
Entries 85
Mean −0.00301
Std Dev 0.2735

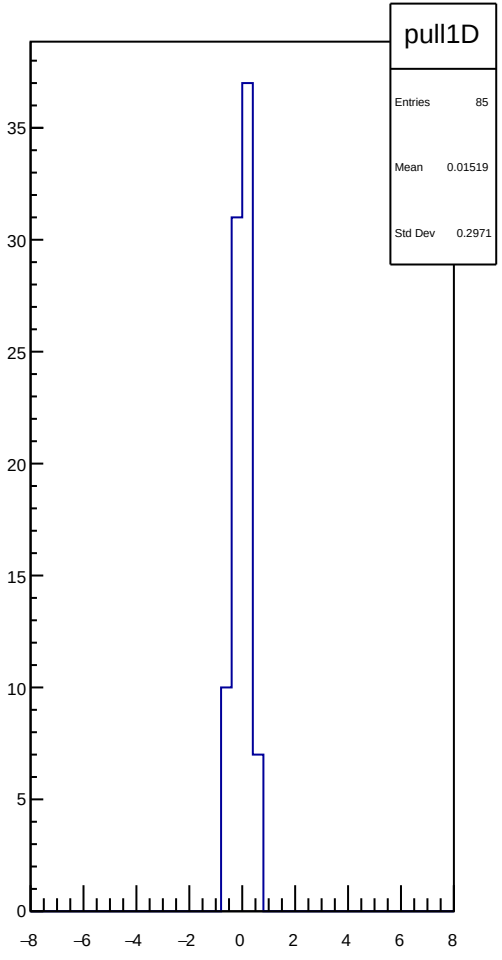

reg_asym_sam4_diff_bpm12X_slope vs run
χ² / ndf 8.121 / 84
p0 −1.353 ± 0.09945
pull
Entries 85
Mean 993.3
Std Dev 953.4

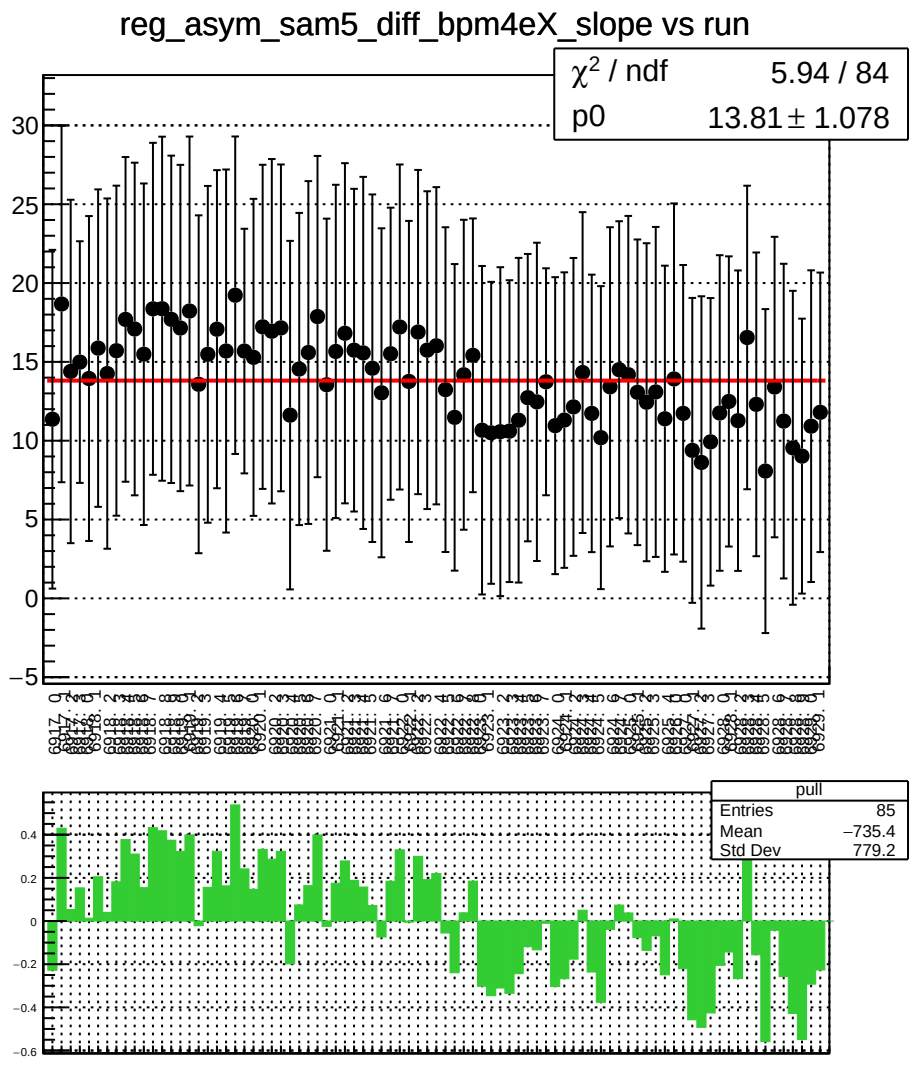

pull1D
Entries 85
Mean 0.005464
Std Dev 0.309

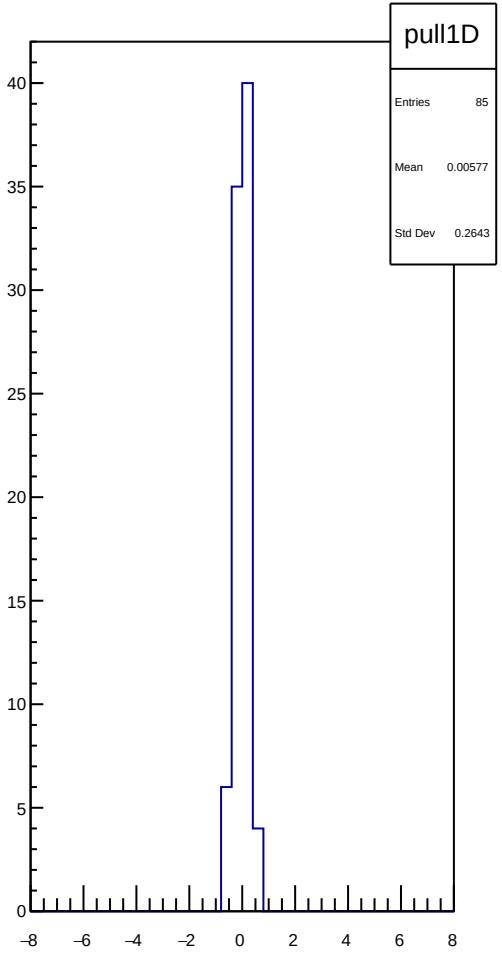

reg_asym_sam5_diff_bpm1X_slope vs run
χ² / ndf 5.789 / 84
p0 −4.759 ± 1.162
pull
Entries 85
Mean −797.4
Std Dev 841.7

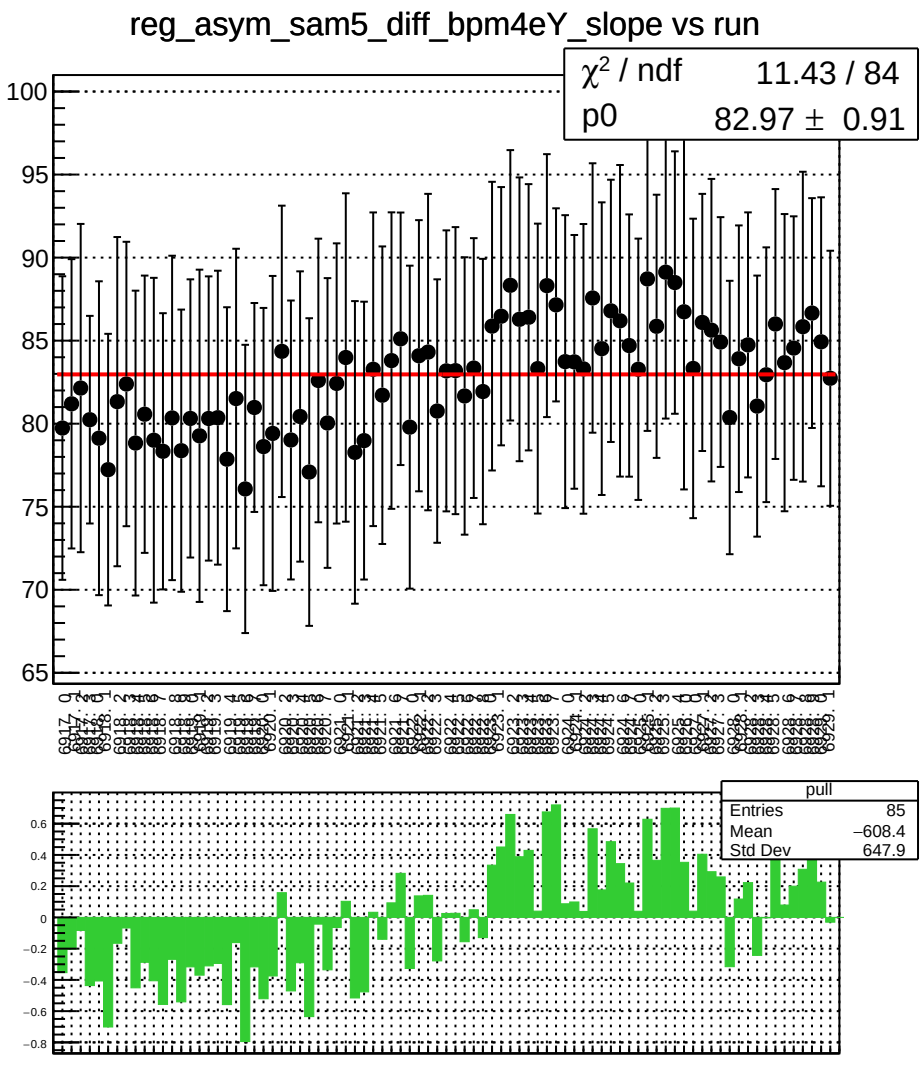

pull1D
Entries 85
Mean −0.005274
Std Dev 0.2609

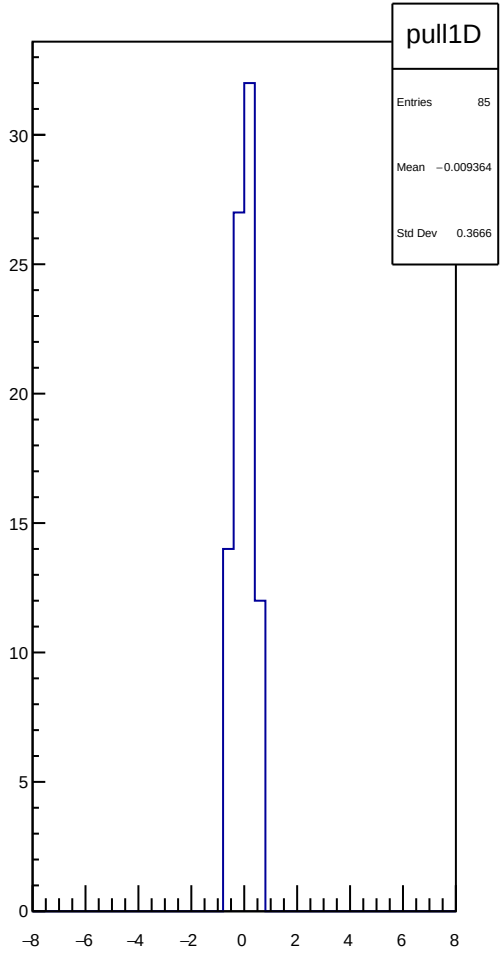

reg_asym_sam5_diff_bpm4aY_slope vs run
χ² / ndf 7.52 / 84
p0 56.27 ± 0.8028
pull
Entries 85
Mean −217.9
Std Dev 257.6

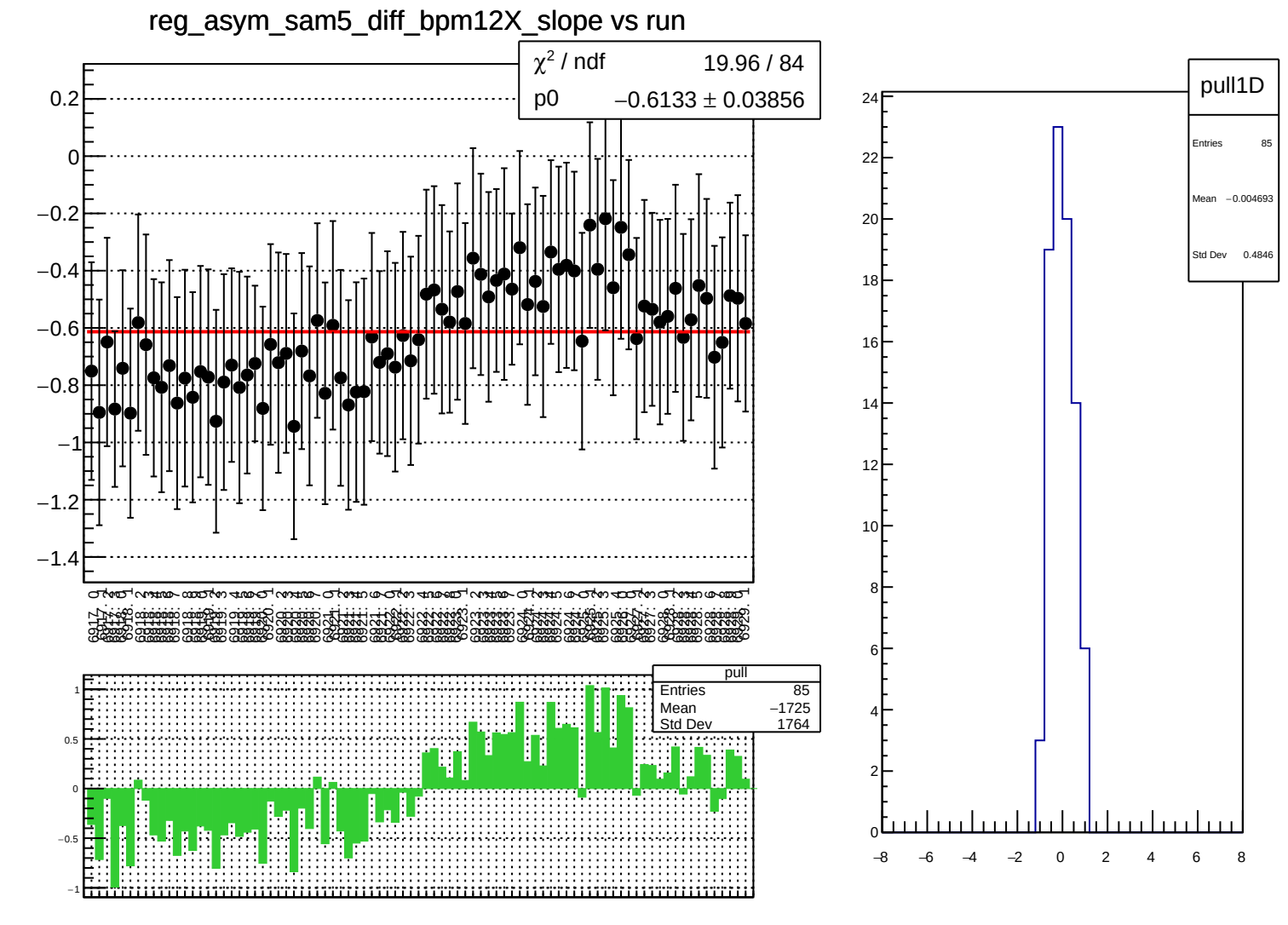

pull1D
Entries 85
Mean 0.01519
Std Dev 0.2971

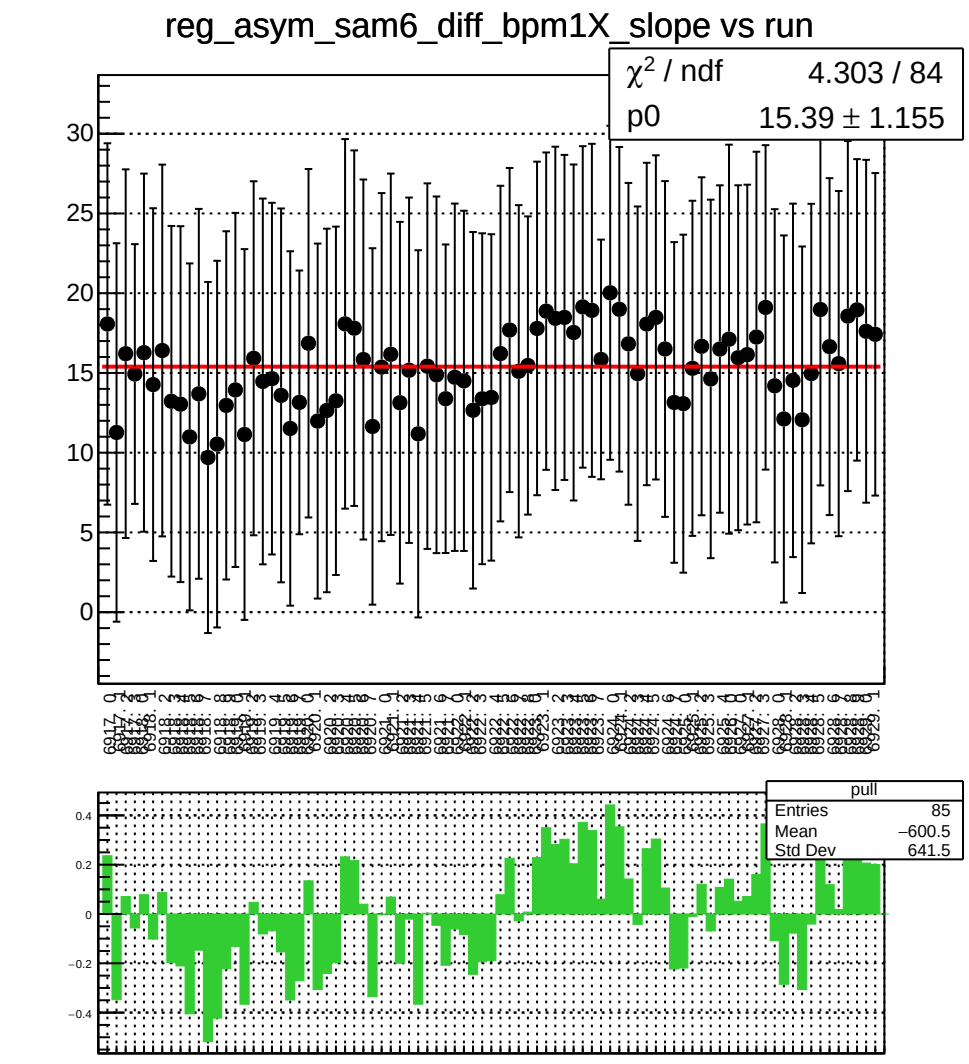

reg_asym_sam5_diff_bpm4eX_slope vs run
χ² / ndf 5.94 / 84
p0 13.81 ± 1.078
pull
Entries 85
Mean −735.4
Std Dev 779.2

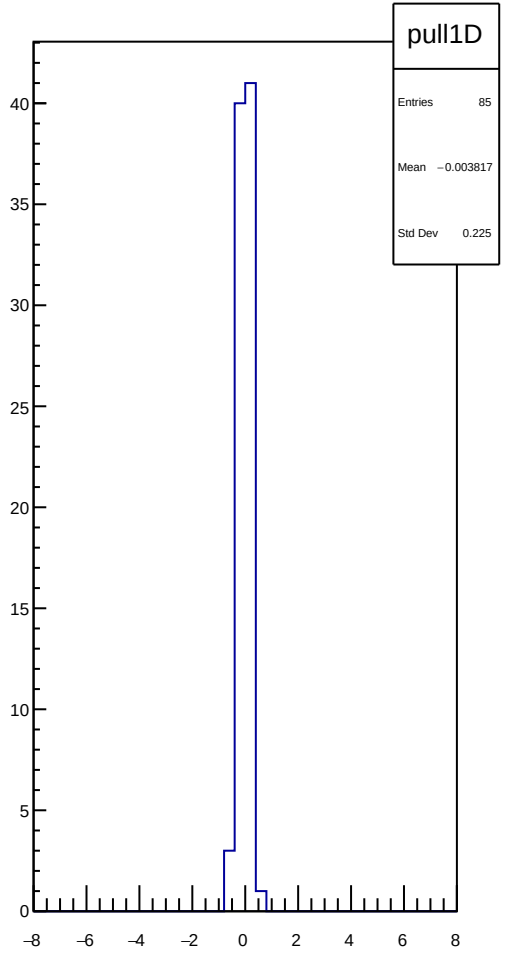

pull1D
Entries 85
Mean 0.00577
Std Dev 0.2643

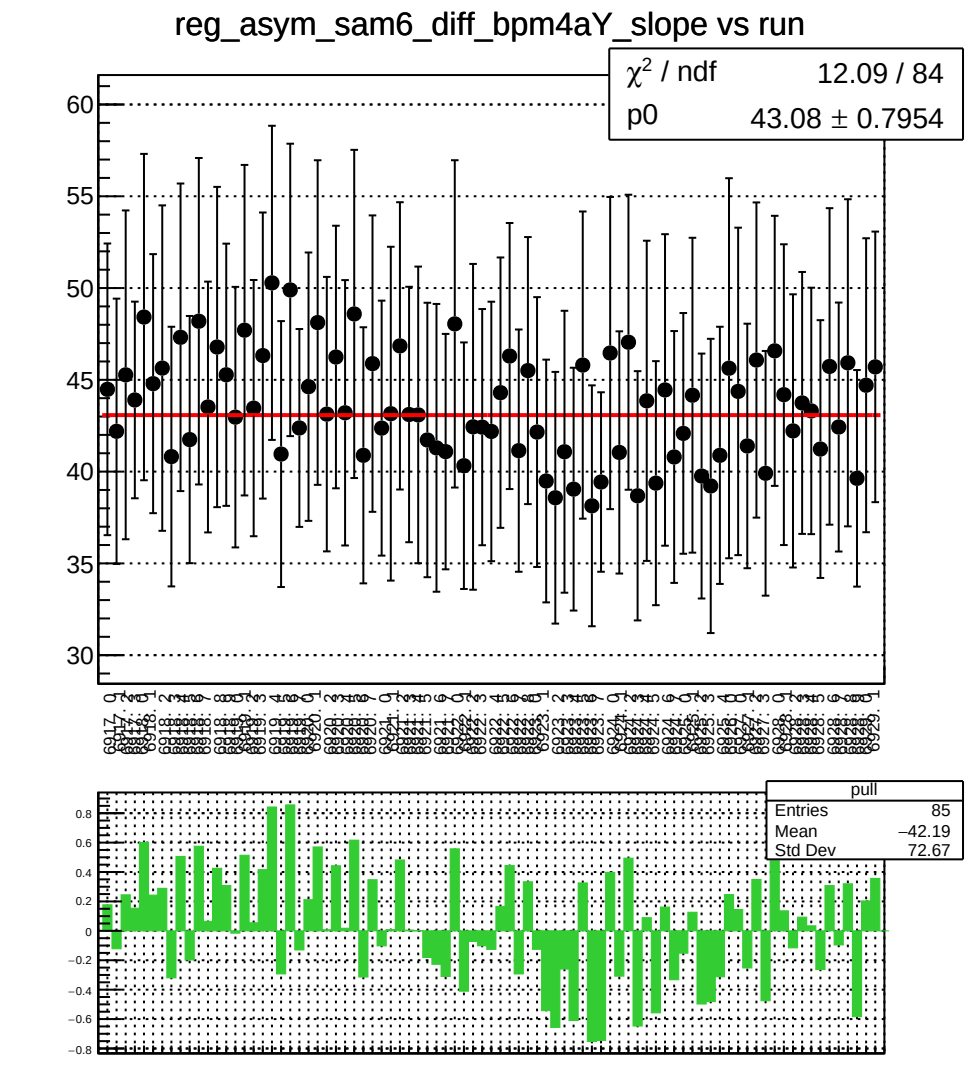

reg_asym_sam5_diff_bpm4eY_slope vs run
χ² / ndf 11.43 / 84
p0 82.97 ± 0.91
pull
Entries 85
Mean −608.4
Std Dev 647.9

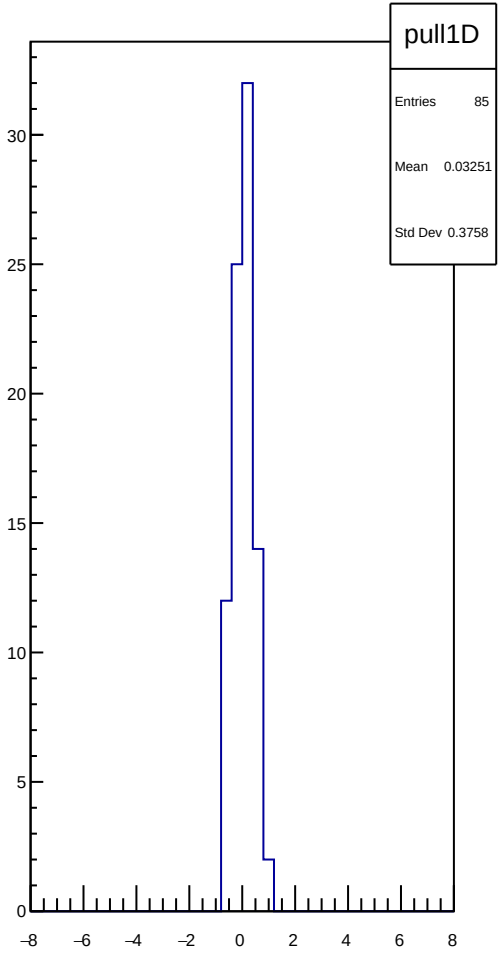

pull1D
Entries 85
Mean −0.009364
Std Dev 0.3666

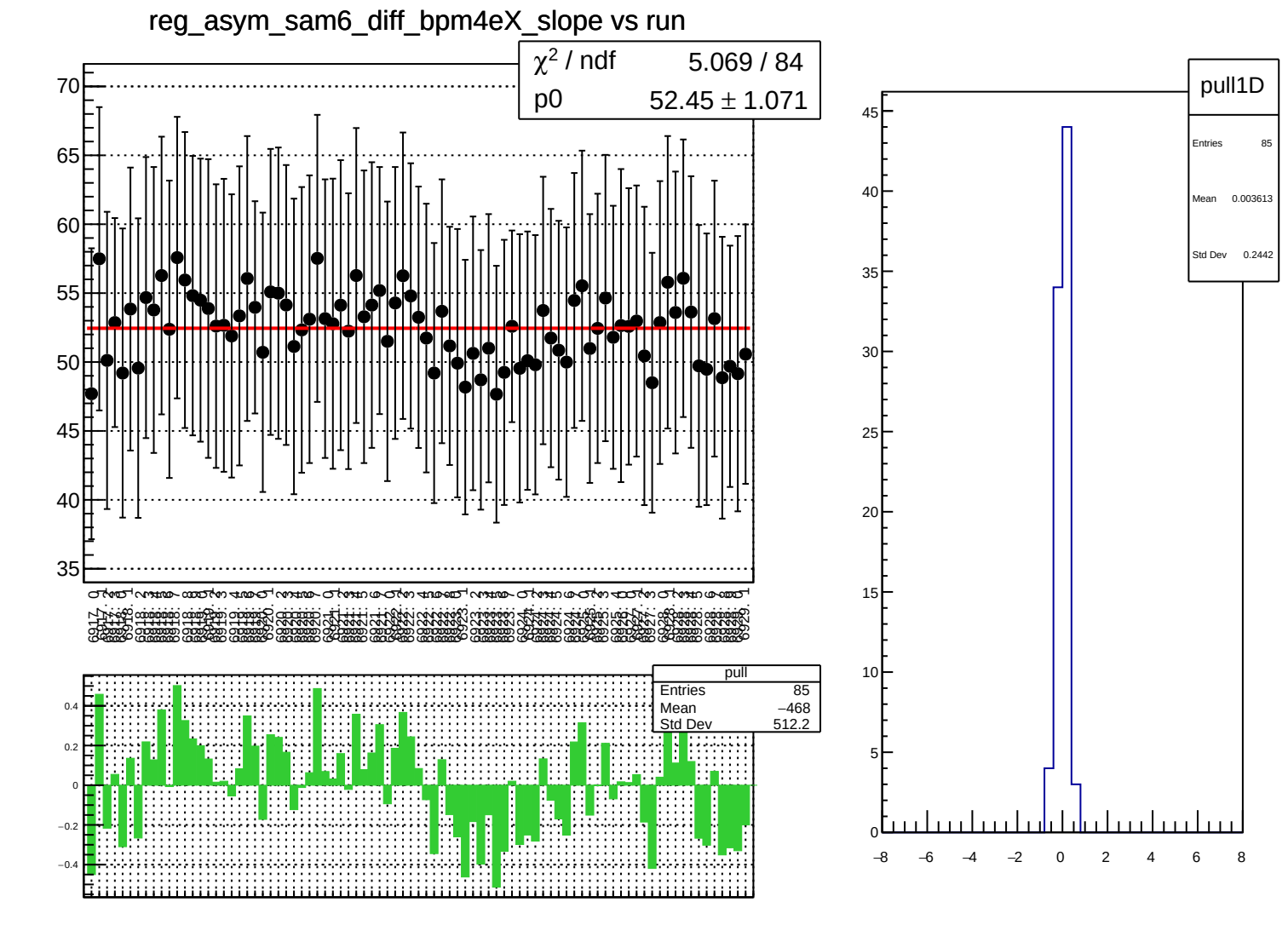

reg_asym_sam5_diff_bpm12X_slope vs run
χ² / ndf 19.96 / 84
p0 −0.6133 ± 0.03856
pull
Entries 85
Mean −1725
Std Dev 1764
pull1D
Entries 85
Mean −0.004693
Std Dev 0.4846

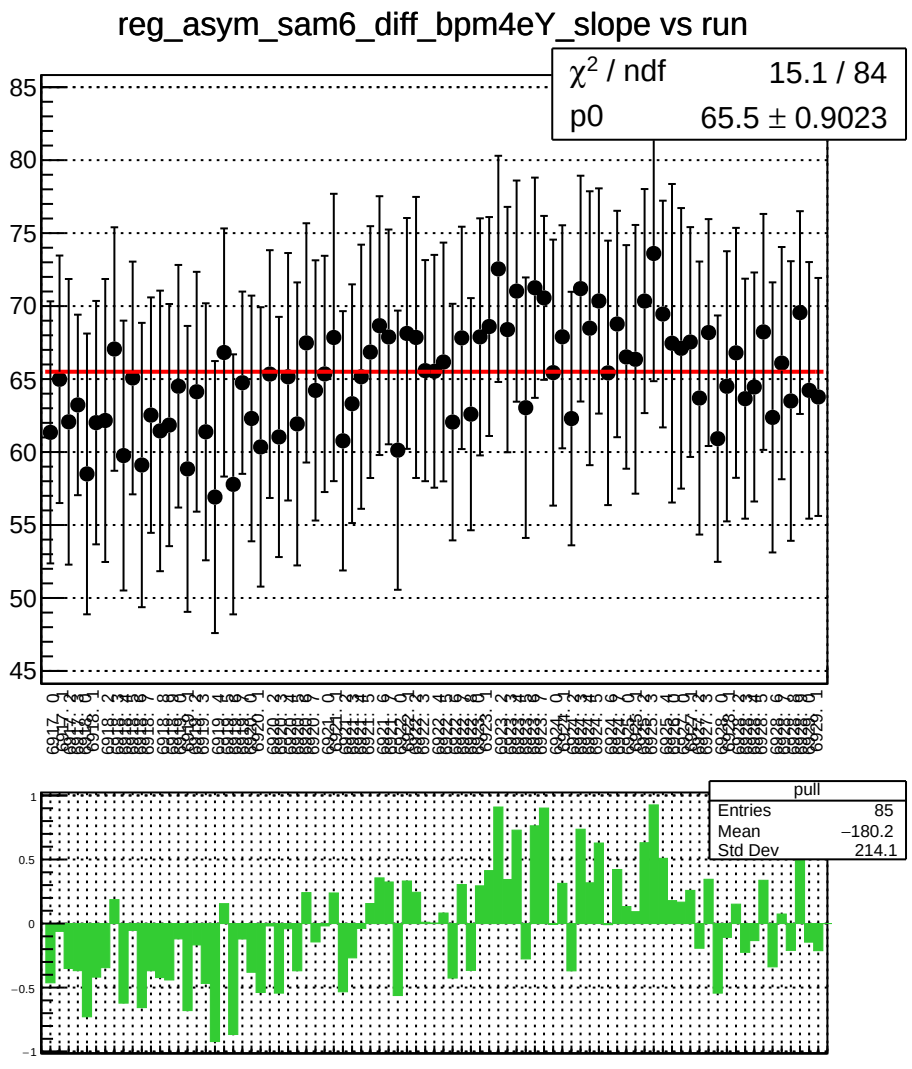

reg_asym_sam6_diff_bpm1X_slope vs run
χ² / ndf 4.303 / 84
p0 15.39 ± 1.155
pull
Entries 85
Mean −600.5
Std Dev 641.5

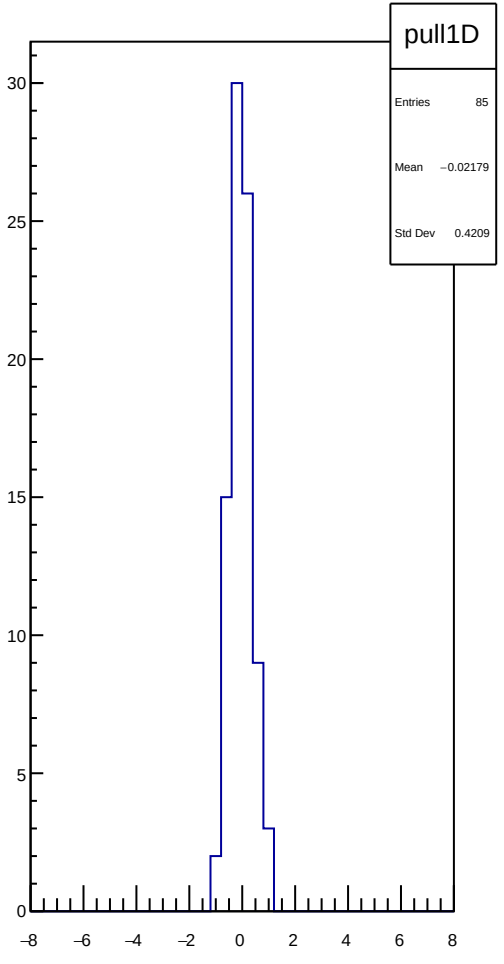

pull1D
Entries 85
Mean −0.003817
Std Dev 0.225

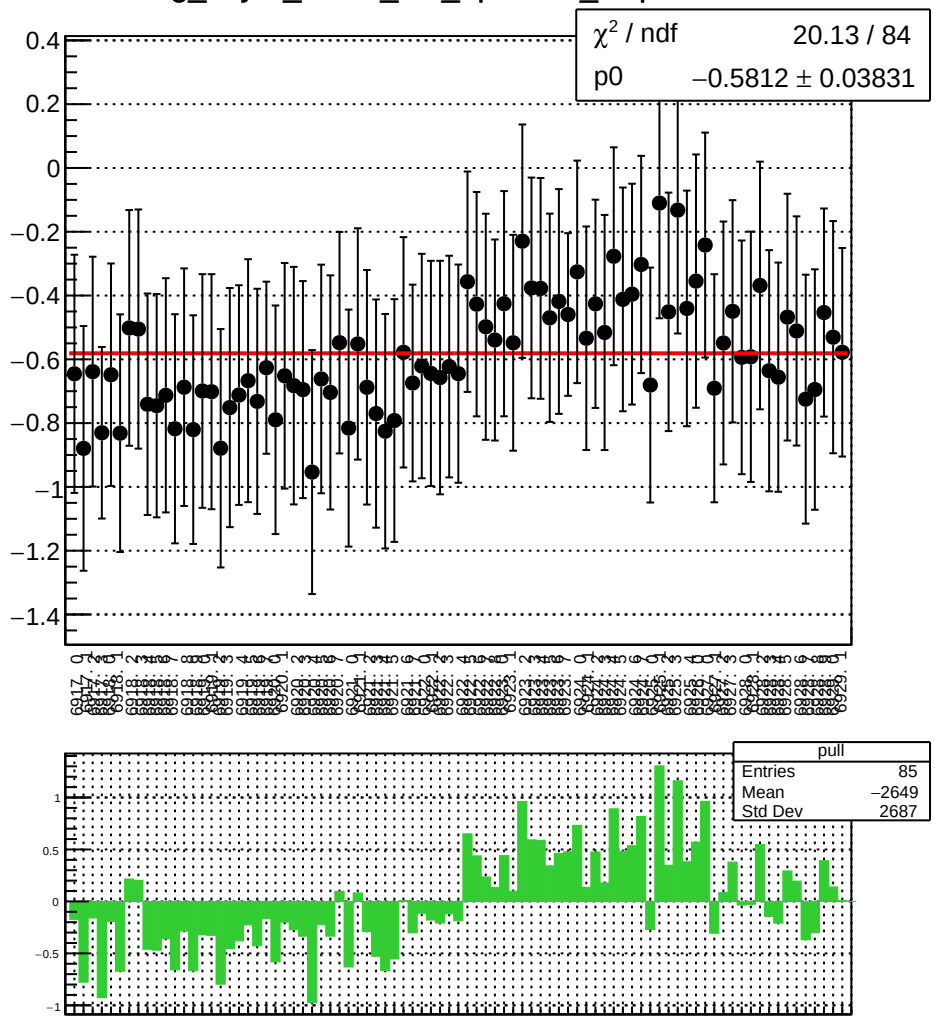

reg_asym_sam6_diff_bpm4aY_slope vs run
χ² / ndf 12.09 / 84
p0 43.08 ± 0.7954
pull
Entries 85
Mean −42.19
Std Dev 72.67

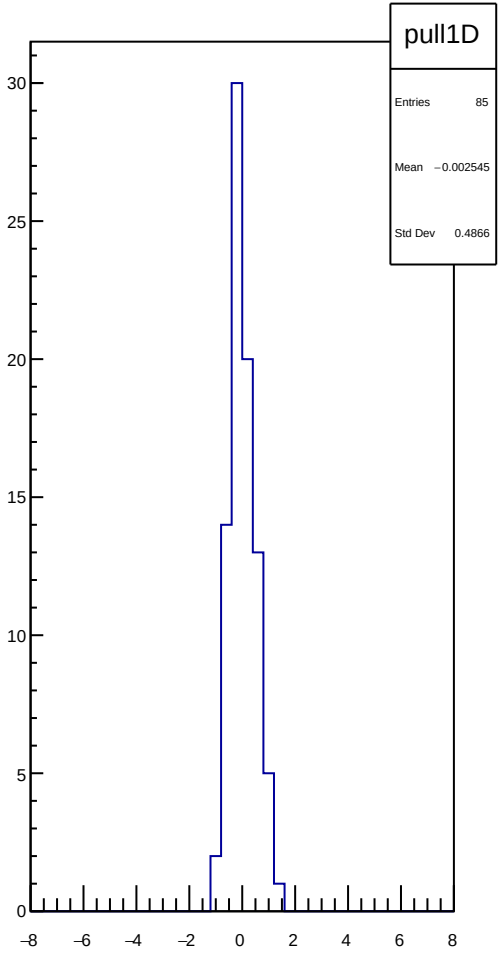

pull1D
Entries 85
Mean 0.03251
Std Dev 0.3758

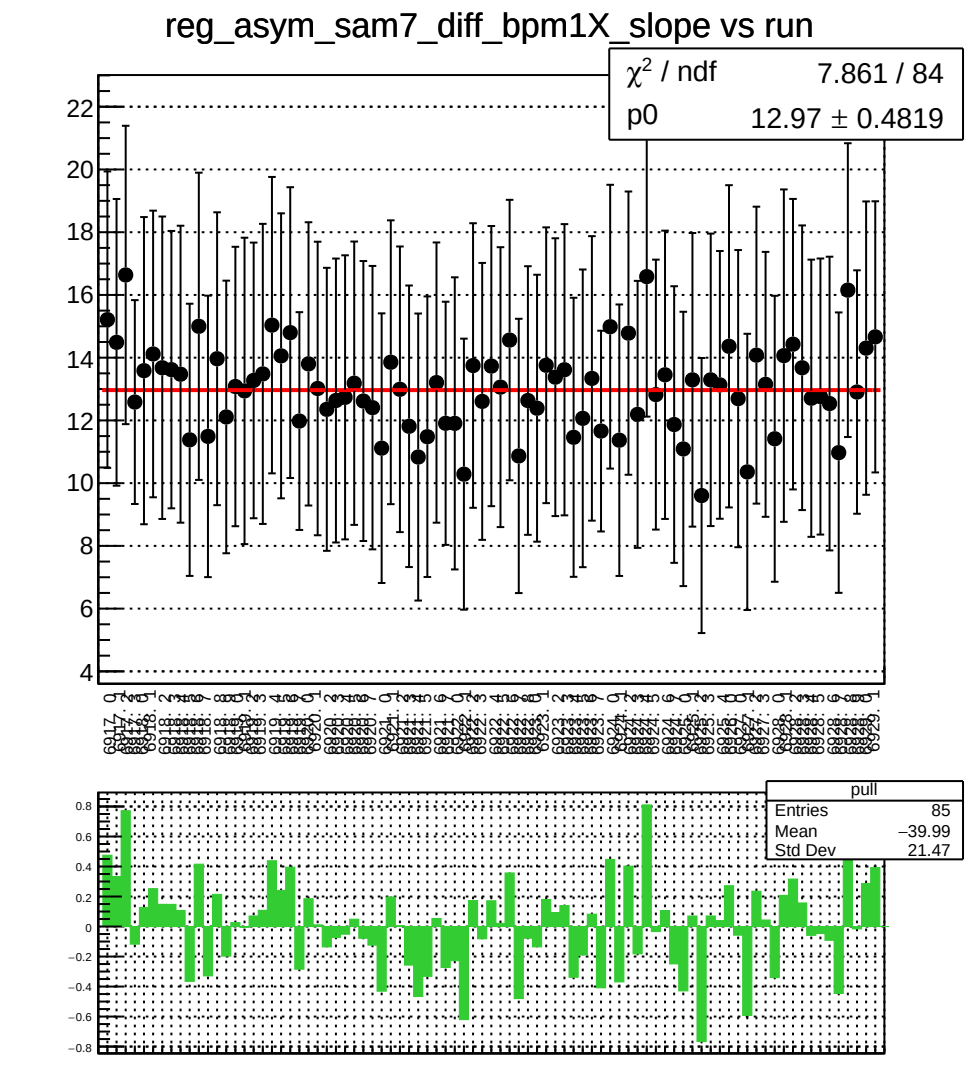

reg_asym_sam6_diff_bpm4eX_slope vs run
χ² / ndf 5.069 / 84
p0 52.45 ± 1.071
pull
Entries 85
Mean −468
Std Dev 512.2
pull1D
Entries 85
Mean 0.003613
Std Dev 0.2442

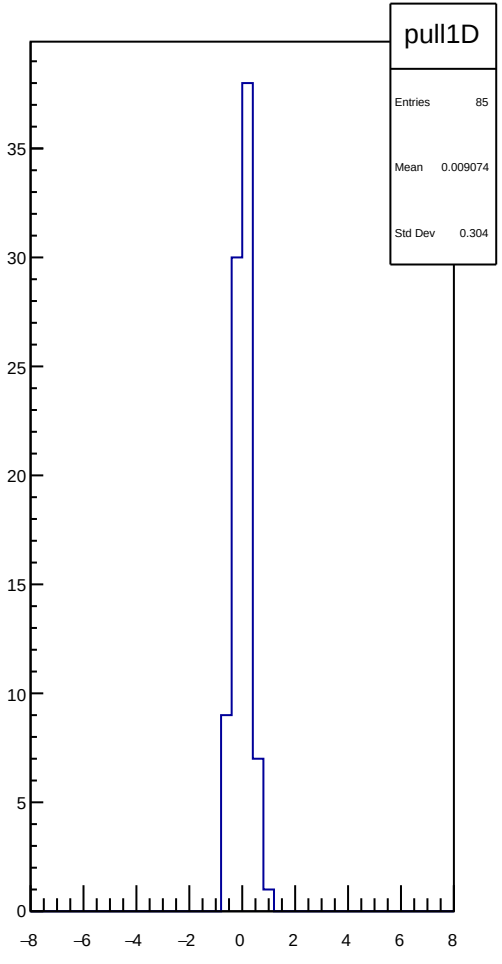

reg_asym_sam6_diff_bpm4eY_slope vs run
χ² / ndf 15.1 / 84
p0 65.5 ± 0.9023
pull
Entries 85
Mean −180.2
Std Dev 214.1

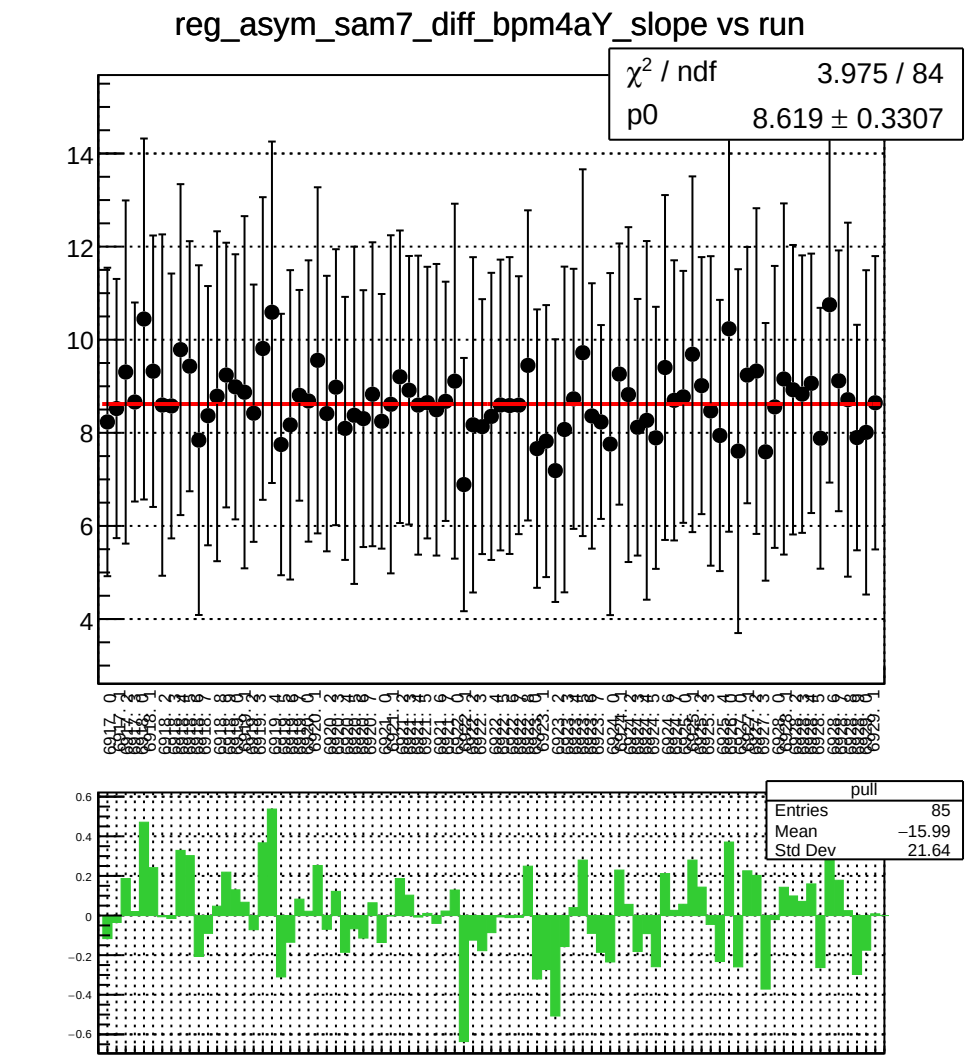

pull1D
Entries 85
Mean −0.02179
Std Dev 0.4209

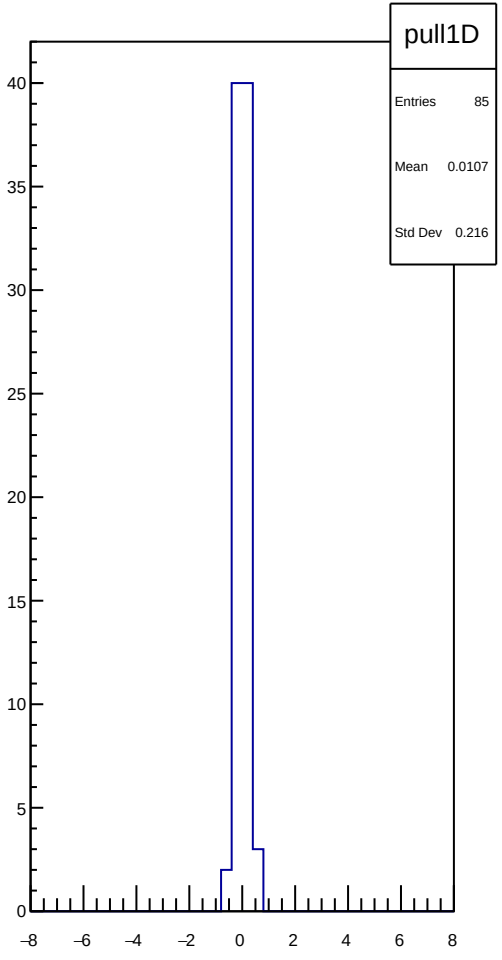

reg_asym_sam6_diff_bpm12X_slope vs run
χ² / ndf 20.13 / 84
p0 −0.5812 ± 0.03831
pull
Entries 85
Mean −2649
Std Dev 2687

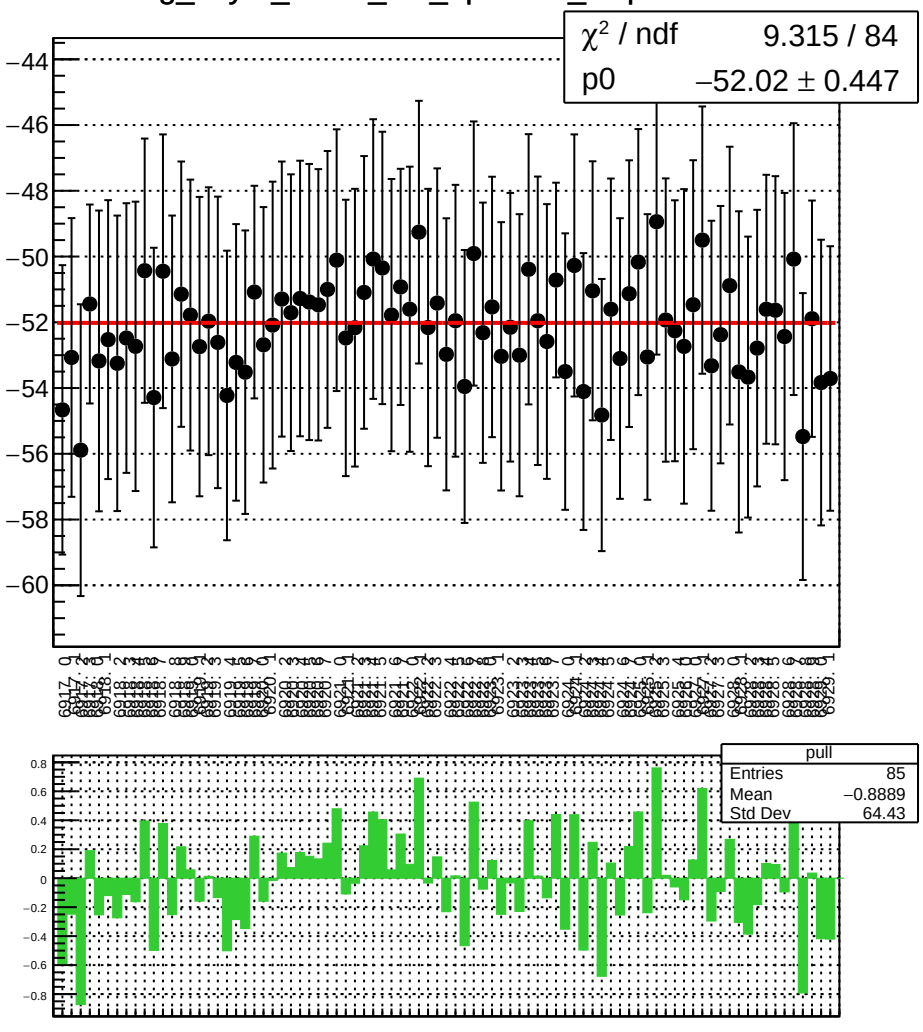

pull1D
Entries 85
Mean −0.002545
Std Dev 0.4866

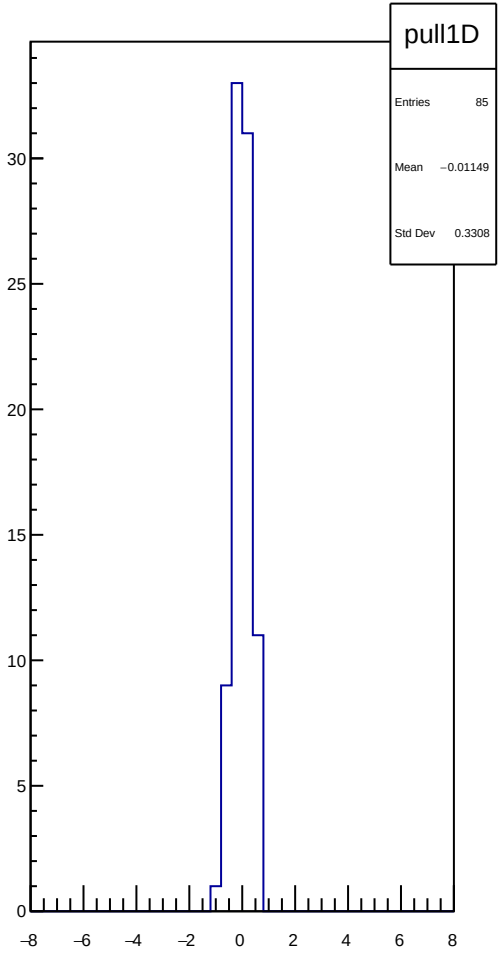

reg_asym_sam7_diff_bpm1X_slope vs run
χ² / ndf 7.861 / 84
p0 12.97 ± 0.4819
pull
Entries 85
Mean −39.99
Std Dev 21.47

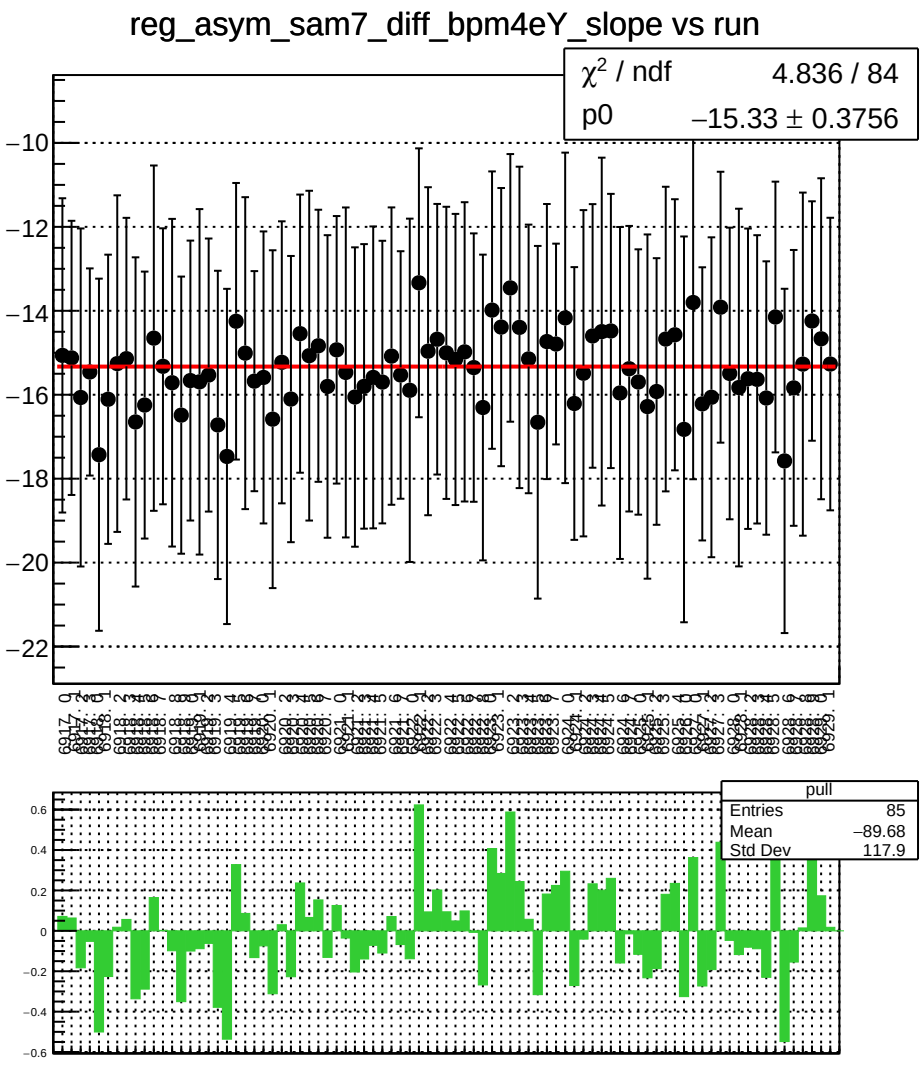

pull1D
Entries 85
Mean 0.009074
Std Dev 0.304

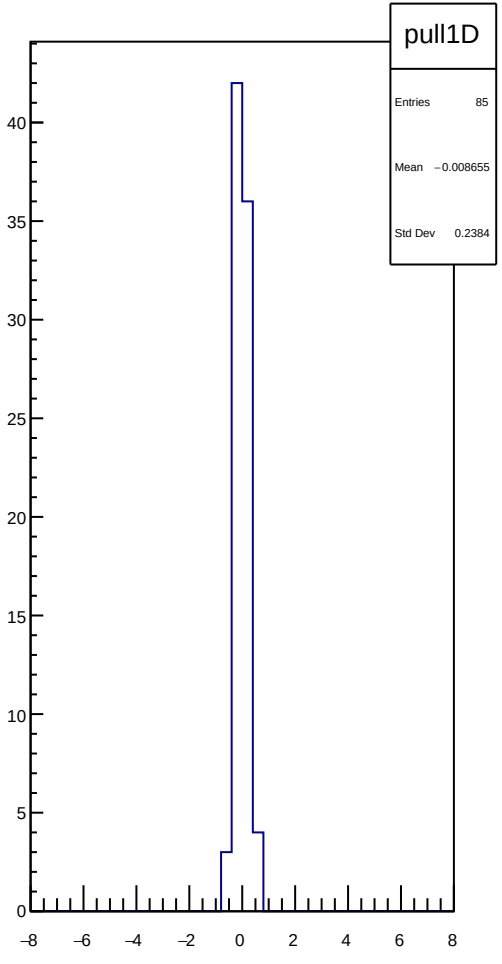

reg_asym_sam7_diff_bpm4aY_slope vs run
χ² / ndf 3.975 / 84
p0 8.619 ± 0.3307
pull
Entries 85
Mean −15.99
Std Dev 21.64

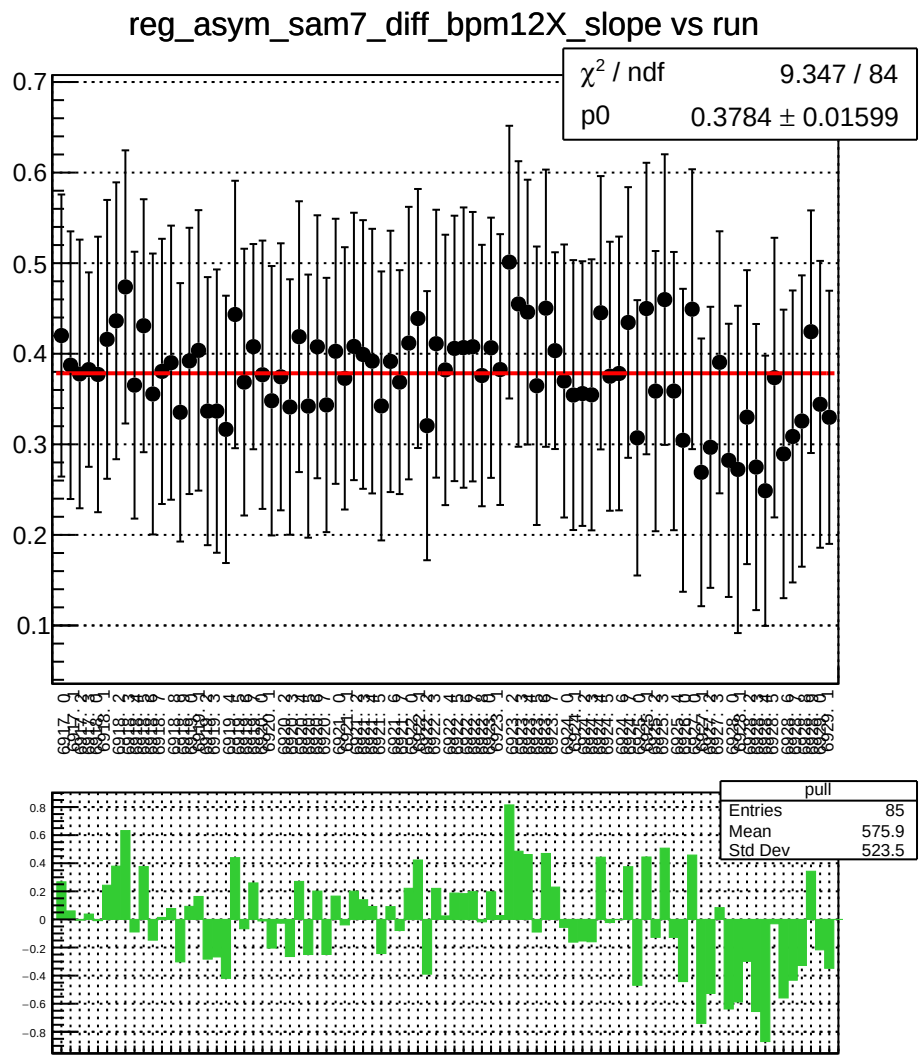

pull1D
Entries 85
Mean 0.0107
Std Dev 0.216

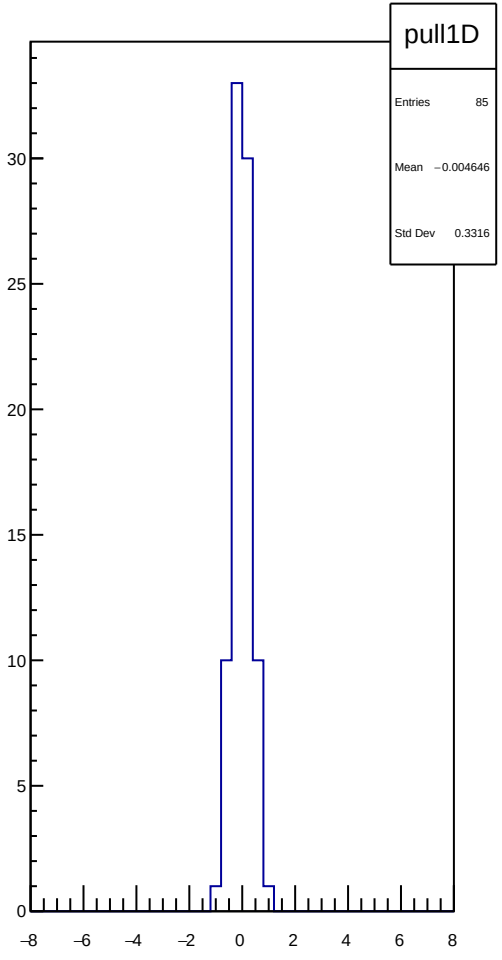

reg_asym_sam7_diff_bpm4eX_slope vs run
χ² / ndf 9.315 / 84
p0 −52.02 ± 0.447
pull
Entries 85
Mean −0.8889
Std Dev 64.43

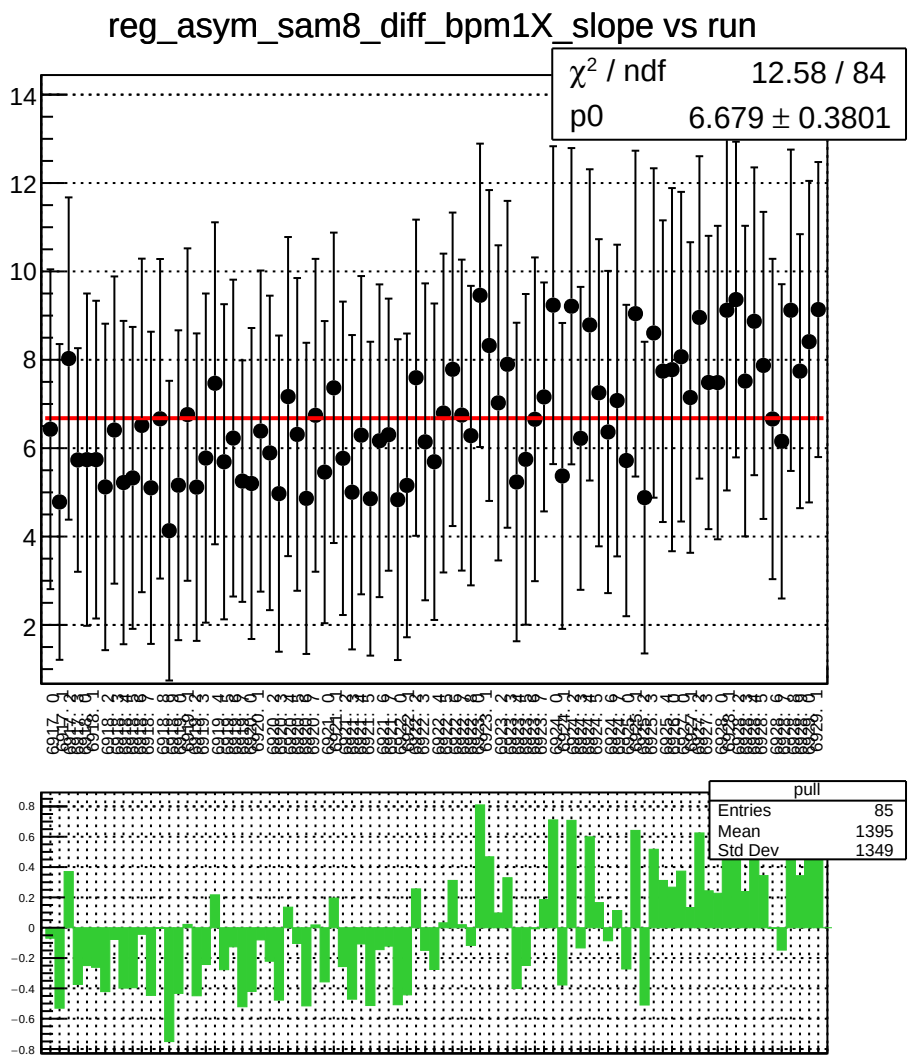

pull1D
Entries 85
Mean −0.01149
Std Dev 0.3308

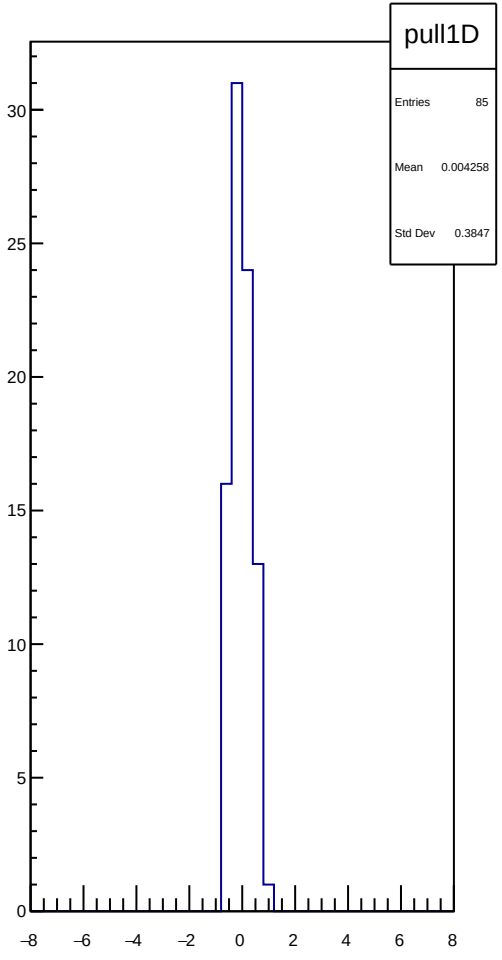

reg_asym_sam7_diff_bpm4eY_slope vs run
χ² / ndf 4.836 / 84
p0 −15.33 ± 0.3756
pull
Entries 85
Mean −89.68
Std Dev 117.9

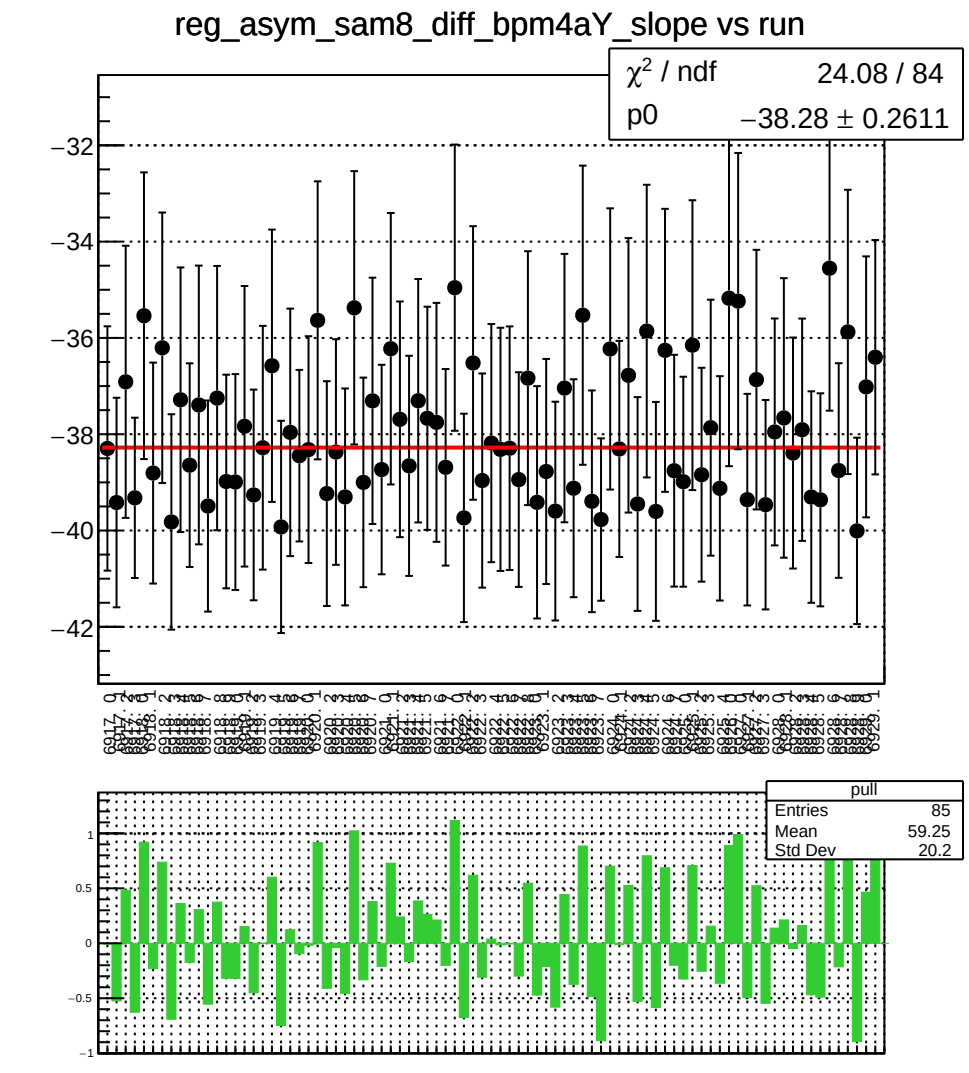

pull1D
Entries 85
Mean −0.008655
Std Dev 0.2384

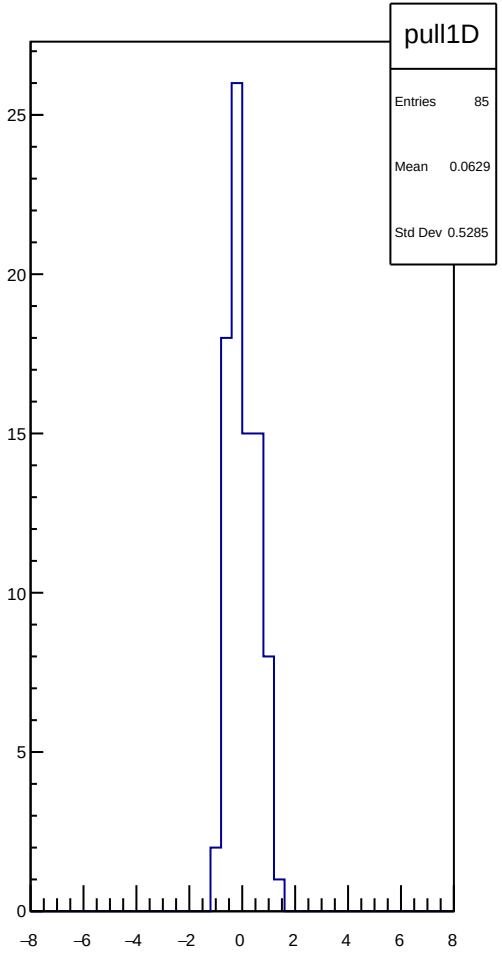

reg_asym_sam7_diff_bpm12X_slope vs run
χ² / ndf 9.347 / 84
p0 0.3784 ± 0.01599
pull
Entries 85
Mean 575.9
Std Dev 523.5

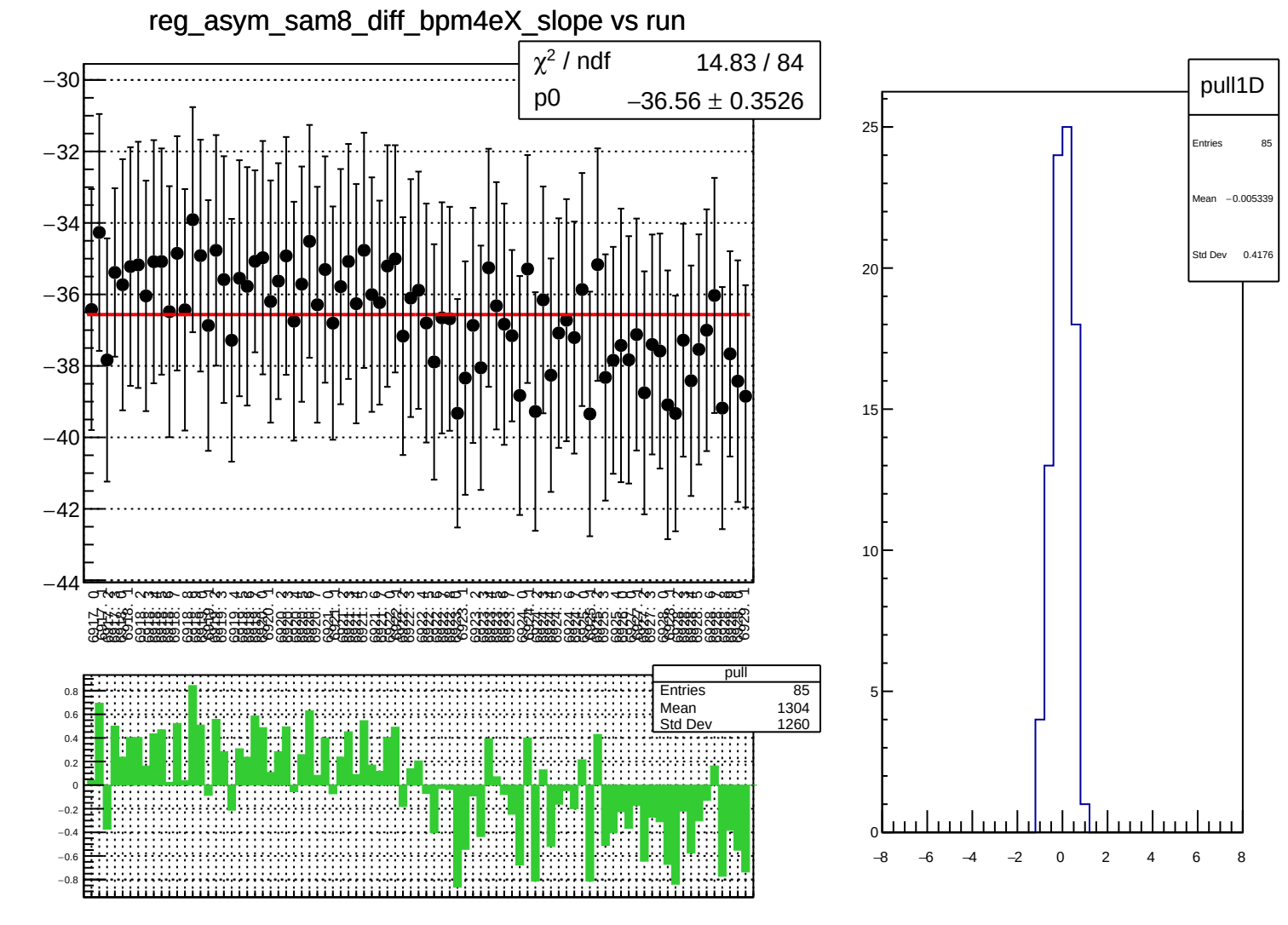

pull1D
Entries 85
Mean −0.004646
Std Dev 0.3316

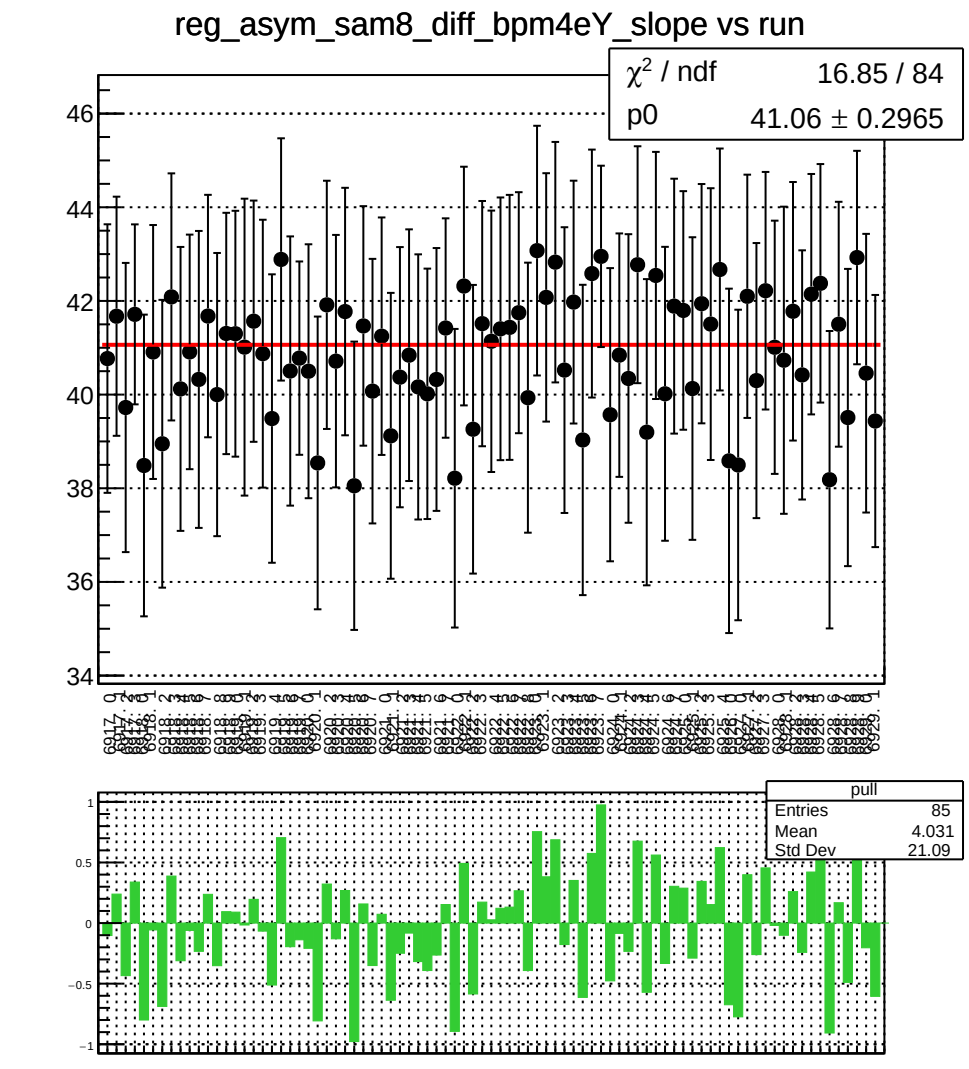

reg_asym_sam8_diff_bpm1X_slope vs run
χ² / ndf 12.58 / 84
p0 6.679 ± 0.3801
pull
Entries 85
Mean 1395
Std Dev 1349

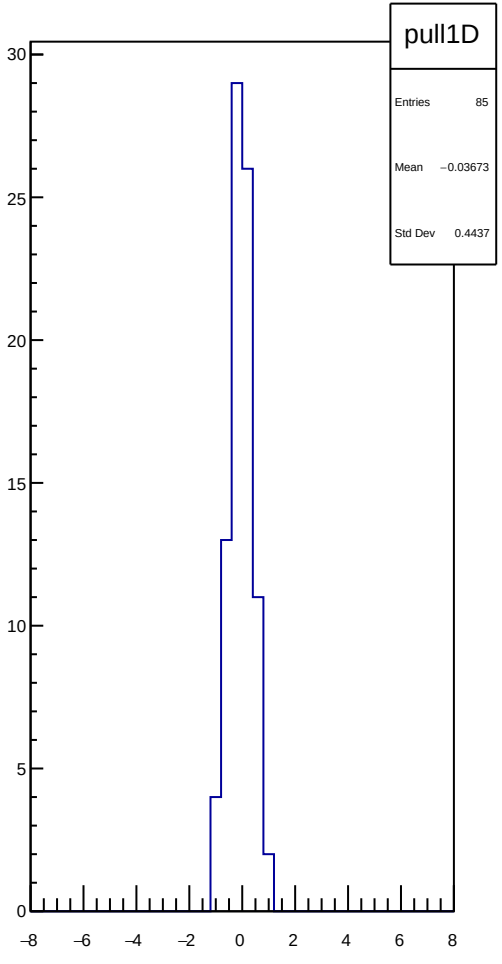

pull1D
Entries 85
Mean 0.004258
Std Dev 0.3847

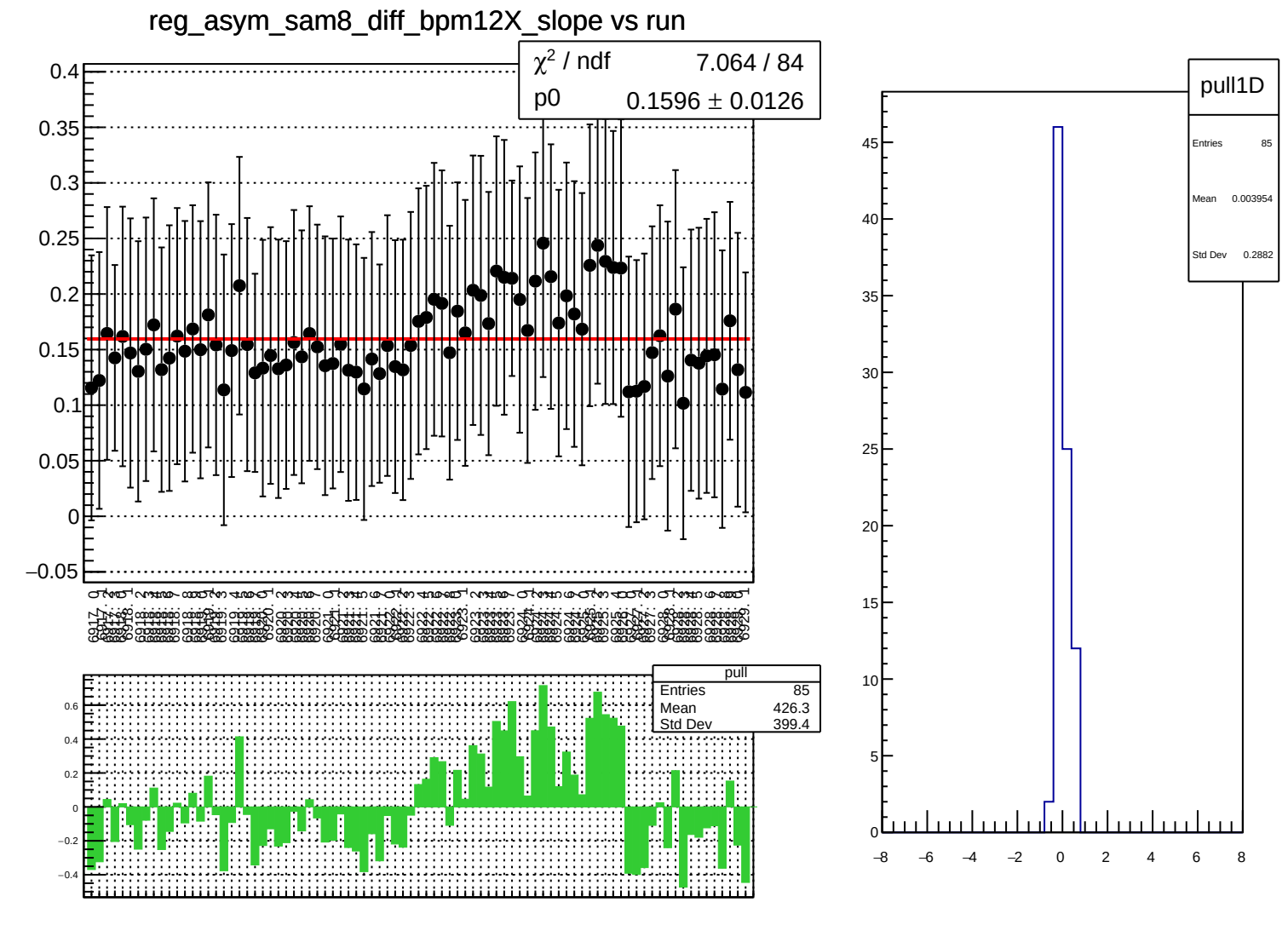

reg_asym_sam8_diff_bpm4aY_slope vs run
χ² / ndf 24.08 / 84
p0 −38.28 ± 0.2611
pull
Entries 85
Mean 59.25
Std Dev 20.2

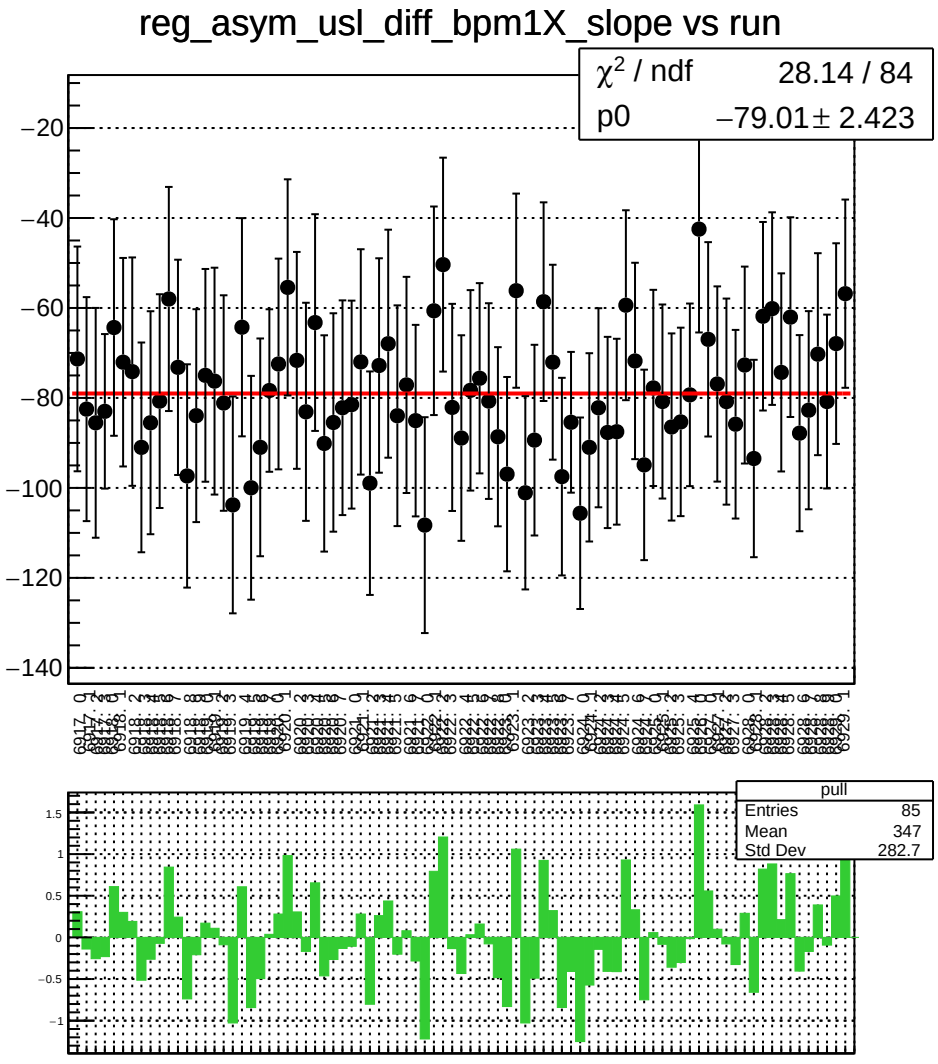

pull1D
Entries 85
Mean 0.0629
Std Dev 0.5285

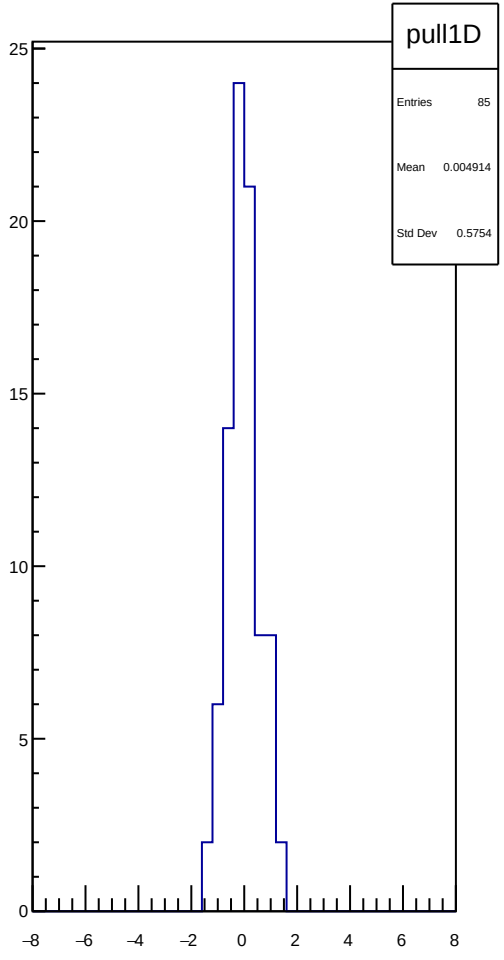

reg_asym_sam8_diff_bpm4eX_slope vs run
χ² / ndf 14.83 / 84
p0 −36.56 ± 0.3526
pull
Entries 85
Mean 1304
Std Dev 1260
pull1D
Entries 85
Mean −0.005339
Std Dev 0.4176

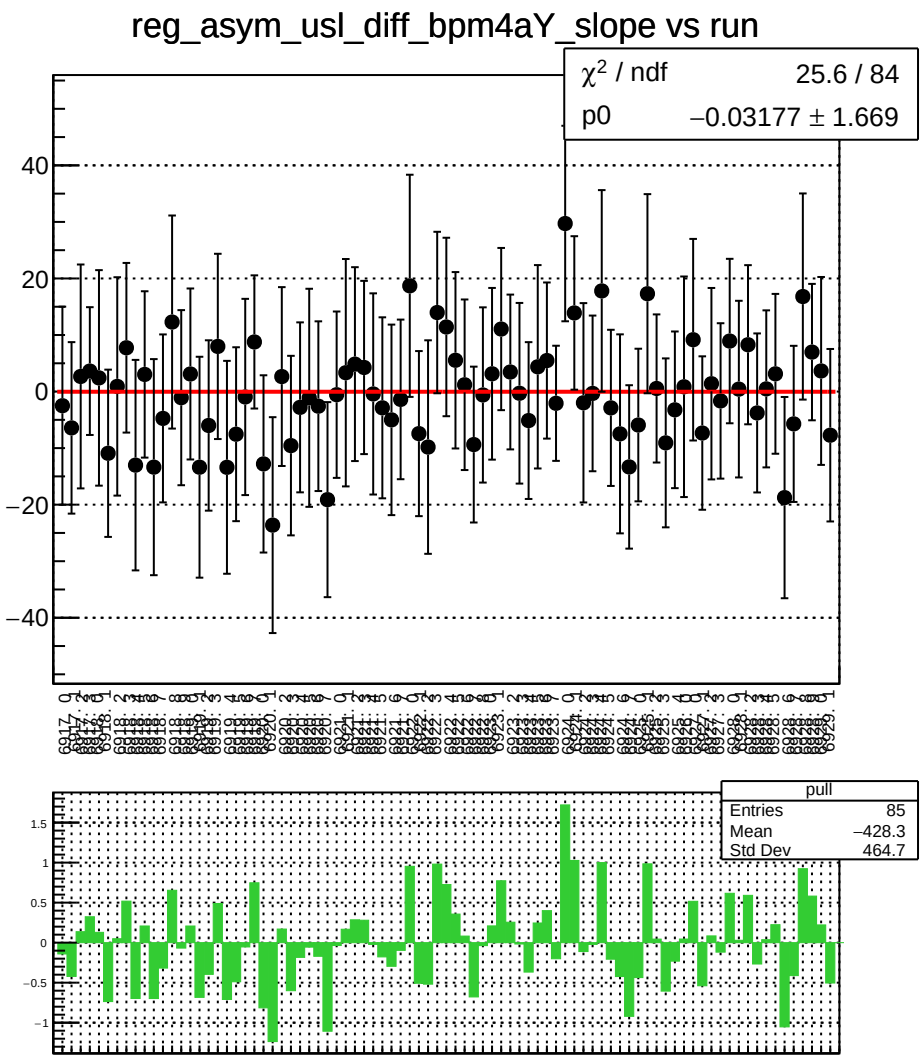

reg_asym_sam8_diff_bpm4eY_slope vs run
χ² / ndf 16.85 / 84
p0 41.06 ± 0.2965
pull
Entries 85
Mean 4.031
Std Dev 21.09

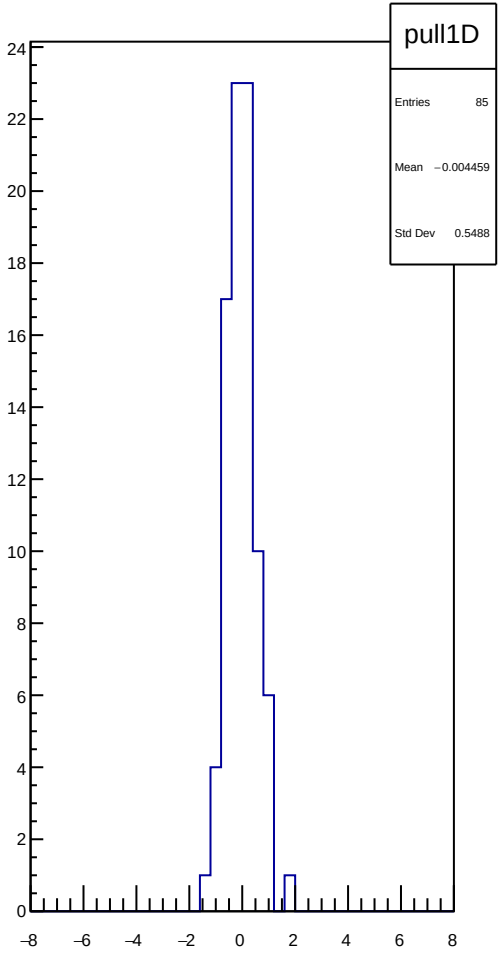

pull1D
Entries 85
Mean −0.03673
Std Dev 0.4437

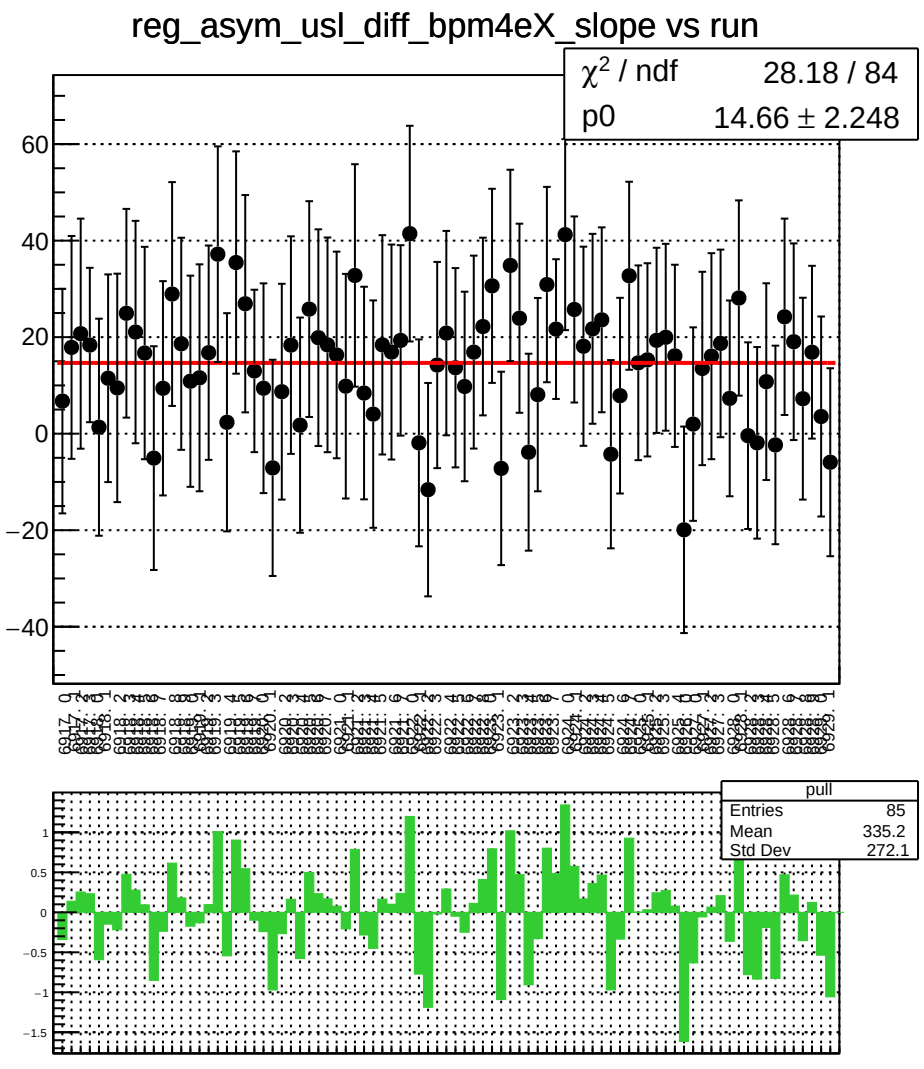

reg_asym_sam8_diff_bpm12X_slope vs run
χ² / ndf 7.064 / 84
p0 0.1596 ± 0.0126
pull
Entries 85
Mean 426.3
Std Dev 399.4
pull1D
Entries 85
Mean 0.003954
Std Dev 0.2882

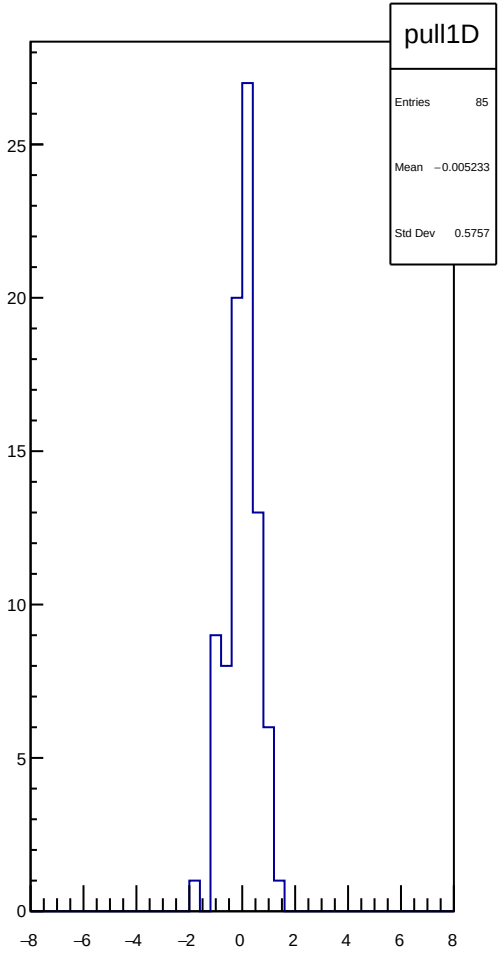

reg_asym_usl_diff_bpm1X_slope vs run
χ² / ndf 28.14 / 84
p0 −79.01± 2.423
pull
Entries 85
Mean 347
Std Dev 282.7

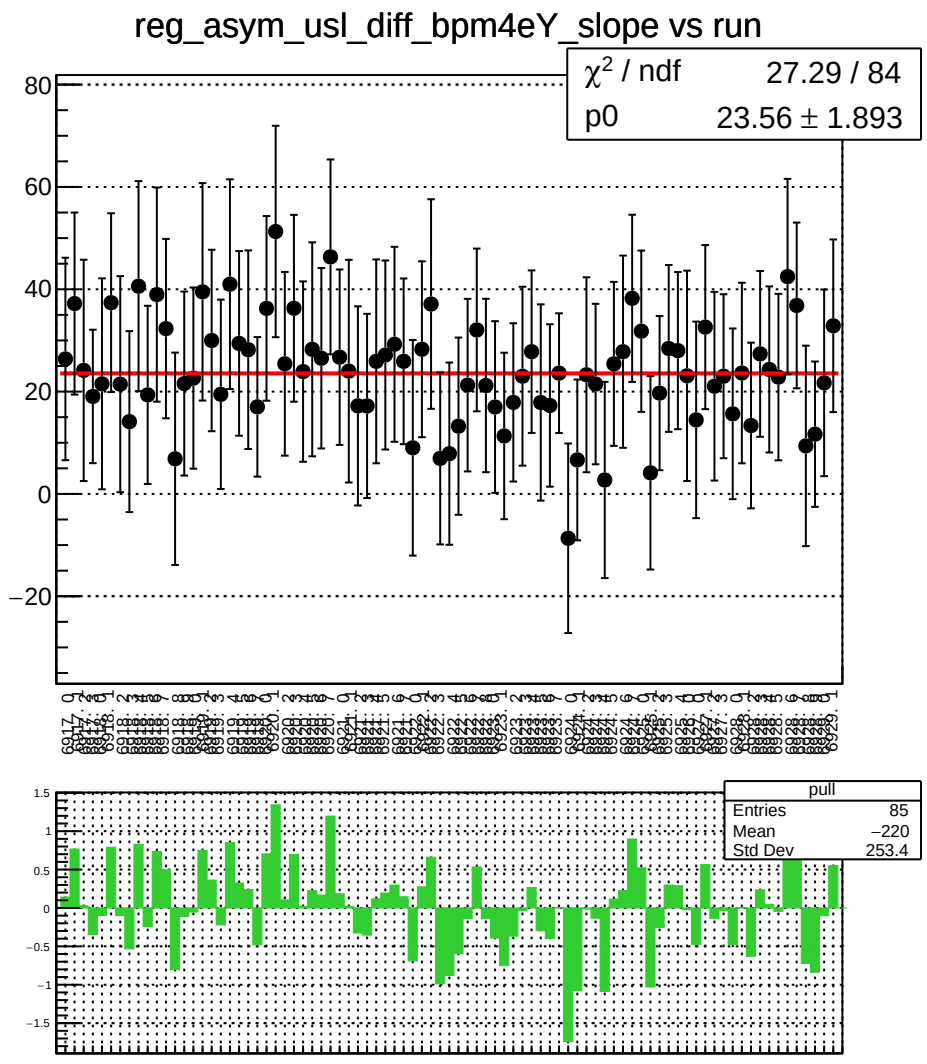

pull1D
Entries 85
Mean 0.004914
Std Dev 0.5754

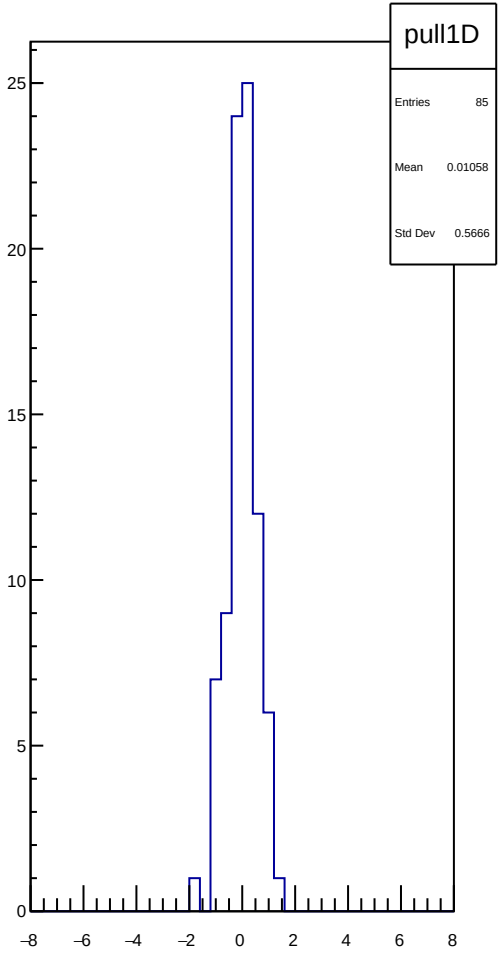

reg_asym_usl_diff_bpm4aY_slope vs run
χ² / ndf 25.6 / 84
p0 −0.03177 ± 1.669
40
20
0
−20
−40
pull
Entries 85
Mean −428.3
Std Dev 464.7
1.5
1
0.5
0
−0.5
−1

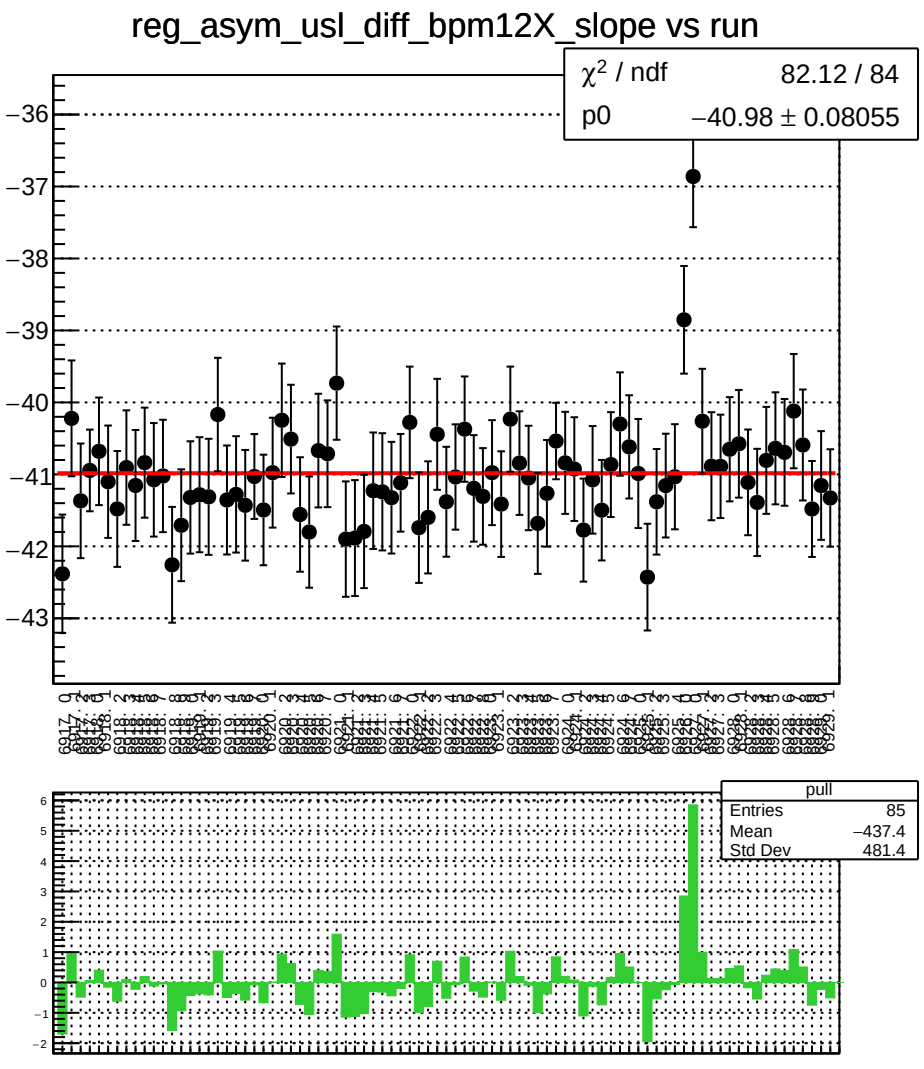

pull1D
Entries 85
Mean −0.004459
Std Dev 0.5488
24
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

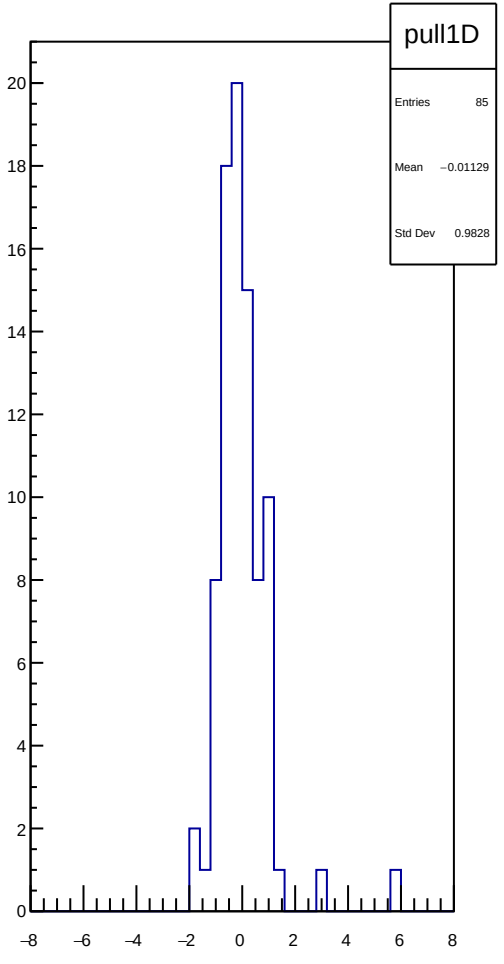

reg_asym_usl_diff_bpm4eX_slope vs run
χ² / ndf 28.18 / 84
p0 14.66 ± 2.248
pull
Entries 85
Mean 335.2
Std Dev 272.1

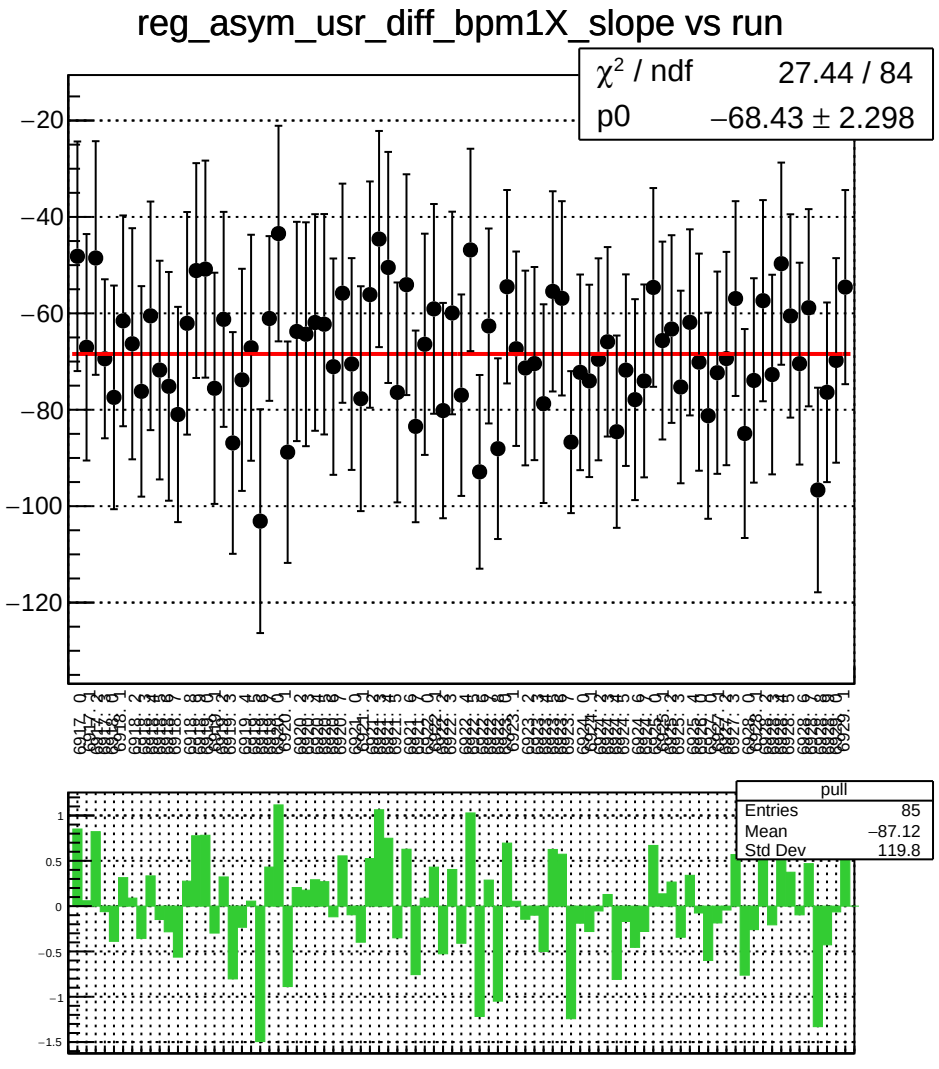

pull1D
Entries 85
Mean −0.005233
Std Dev 0.5757

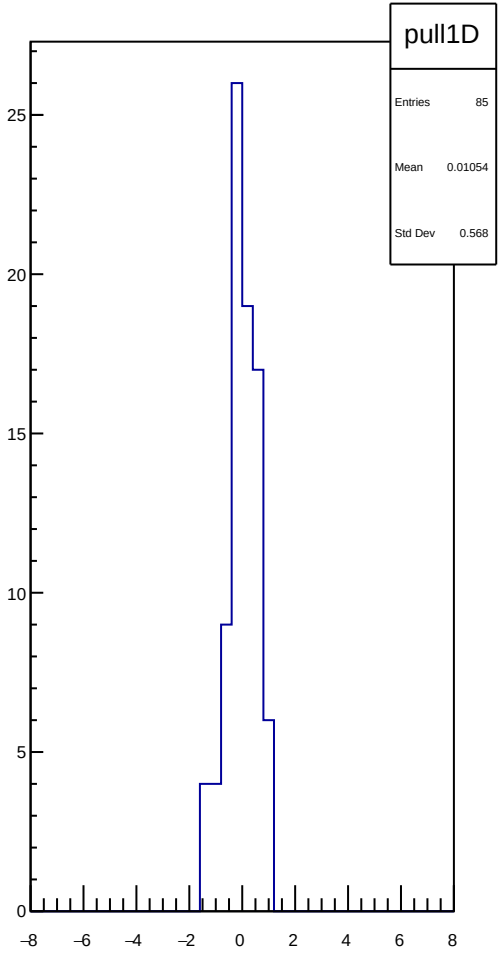

reg_asym_usl_diff_bpm4eY_slope vs run
χ² / ndf 27.29 / 84
p0 23.56 ± 1.893
pull
Entries 85
Mean −220
Std Dev 253.4

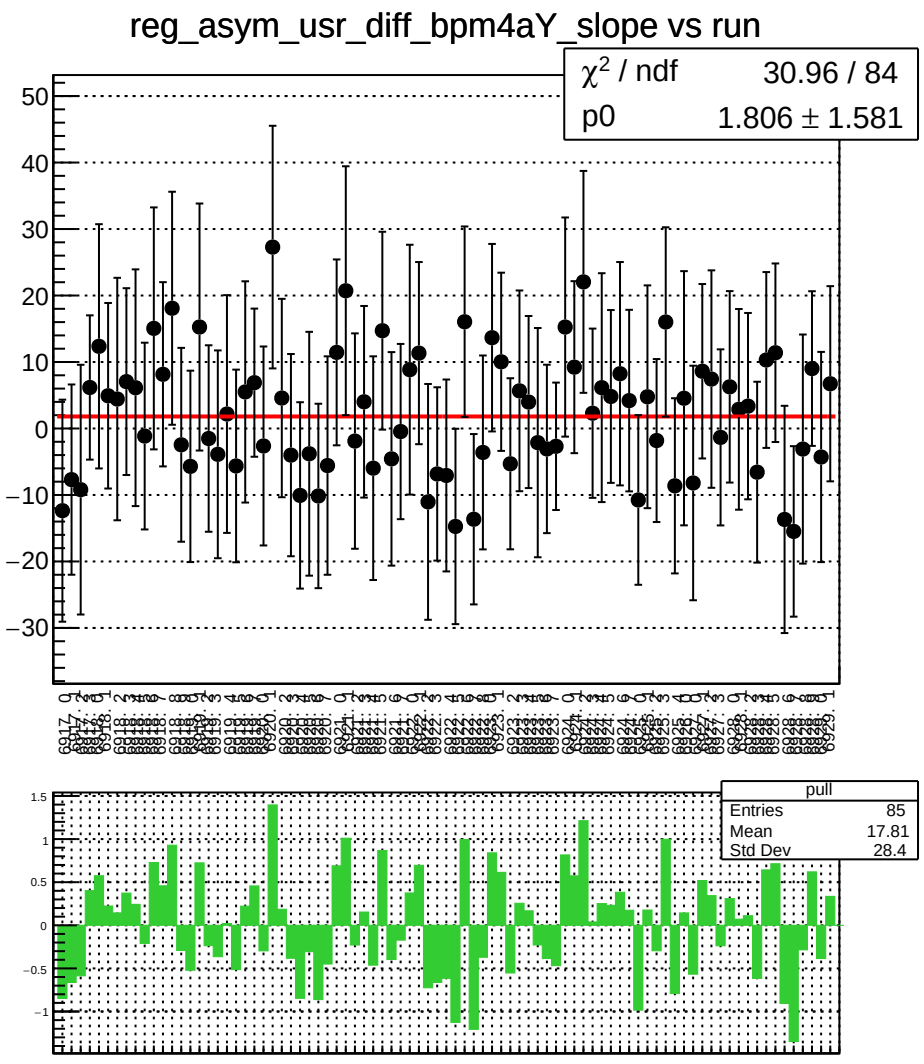

pull1D
Entries 85
Mean 0.01058
Std Dev 0.5666

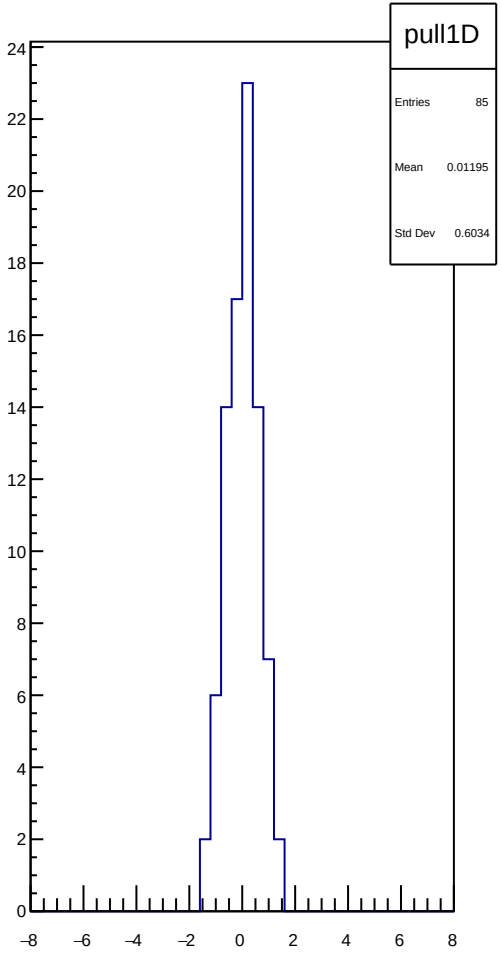

reg_asym_usl_diff_bpm12X_slope vs run
χ² / ndf 82.12 / 84
p0 −40.98 ± 0.08055
pull
Entries 85
Mean −437.4
Std Dev 481.4

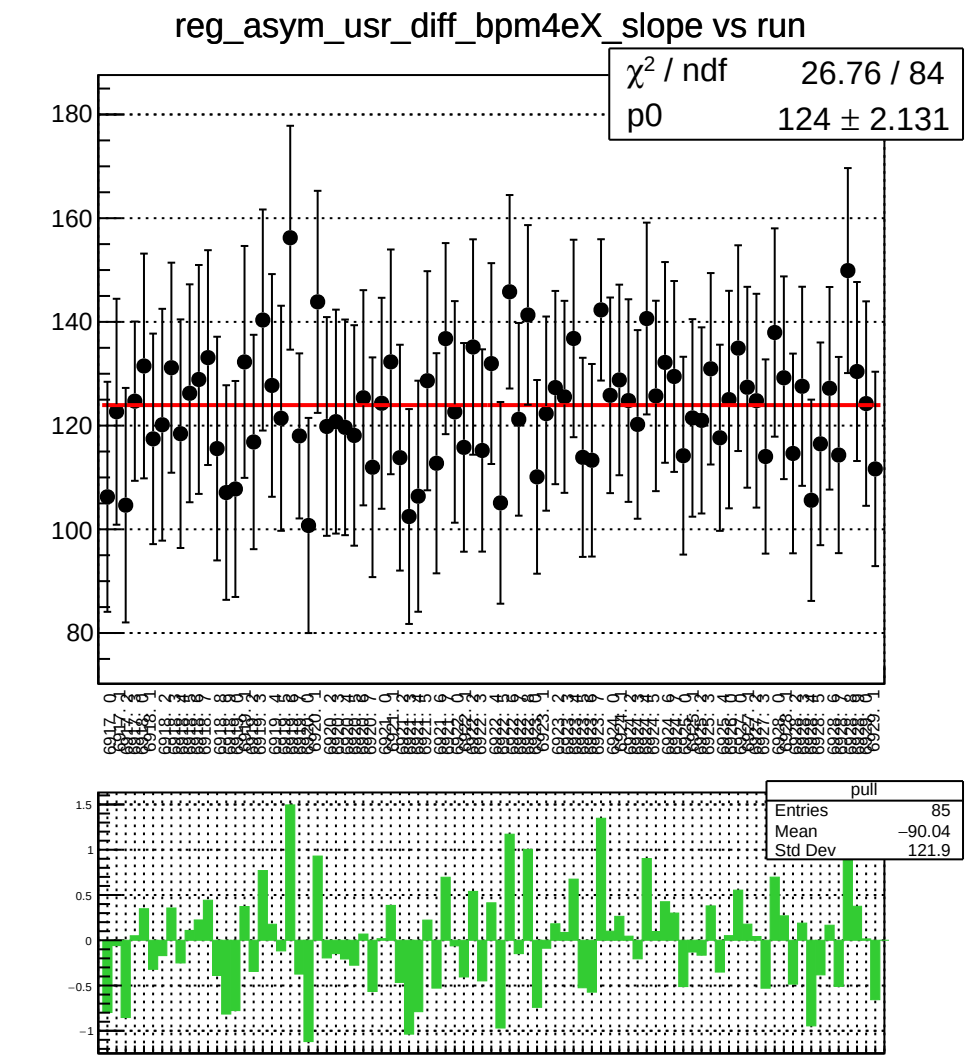

pull1D
Entries 85
Mean −0.01129
Std Dev 0.9828

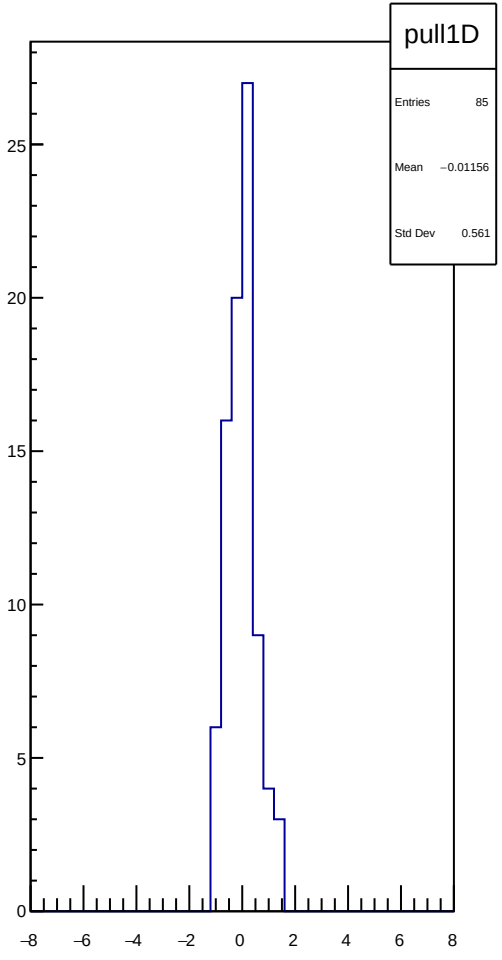

reg_asym_usr_diff_bpm1X_slope vs run
χ² / ndf 27.44 / 84
p0 −68.43 ± 2.298
pull
Entries 85
Mean −87.12
Std Dev 119.8

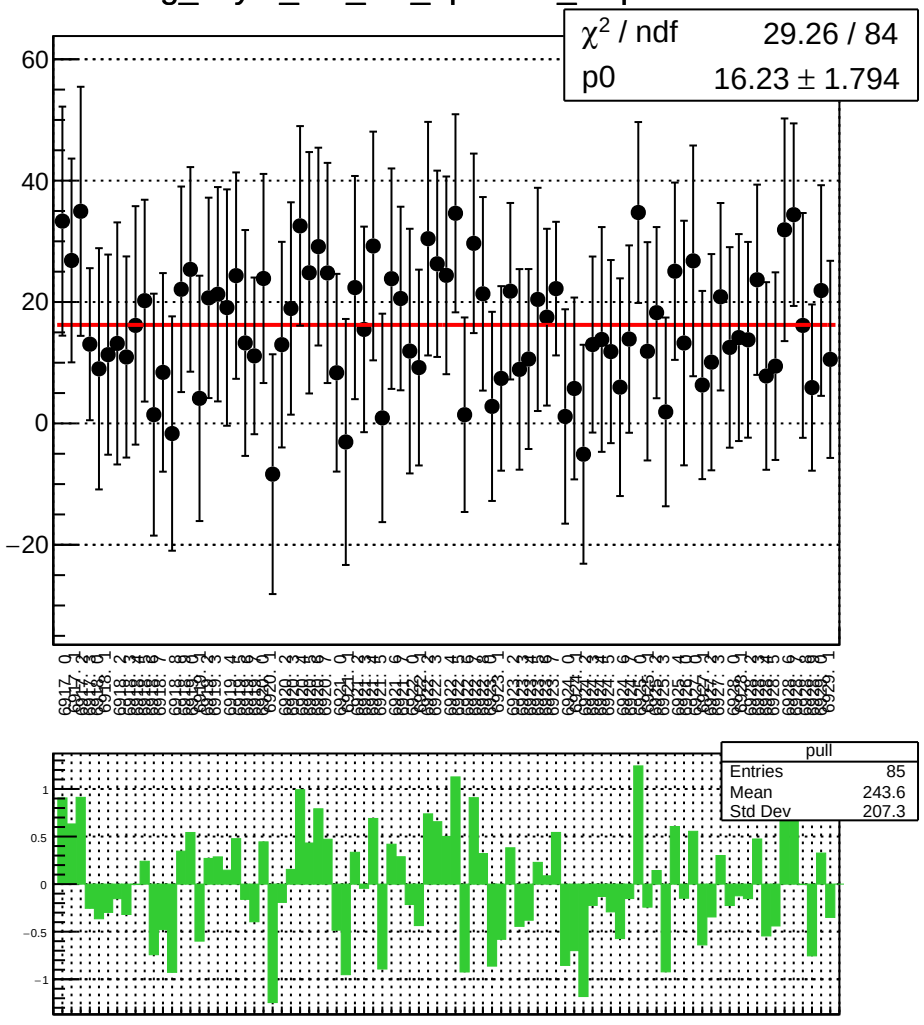

pull1D
Entries 85
Mean 0.01054
Std Dev 0.568

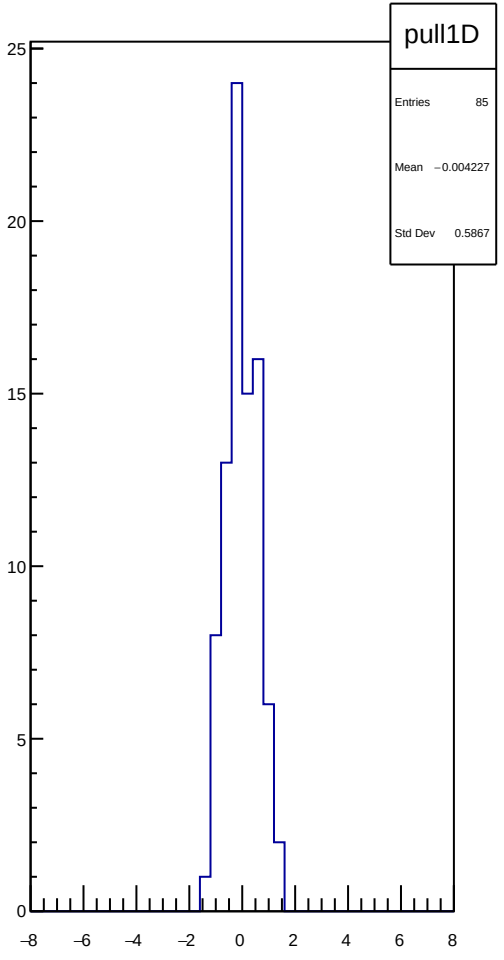

reg_asym_usr_diff_bpm4aY_slope vs run
χ² / ndf 30.96 / 84
p0 1.806 ± 1.581
pull
Entries 85
Mean 17.81
Std Dev 28.4

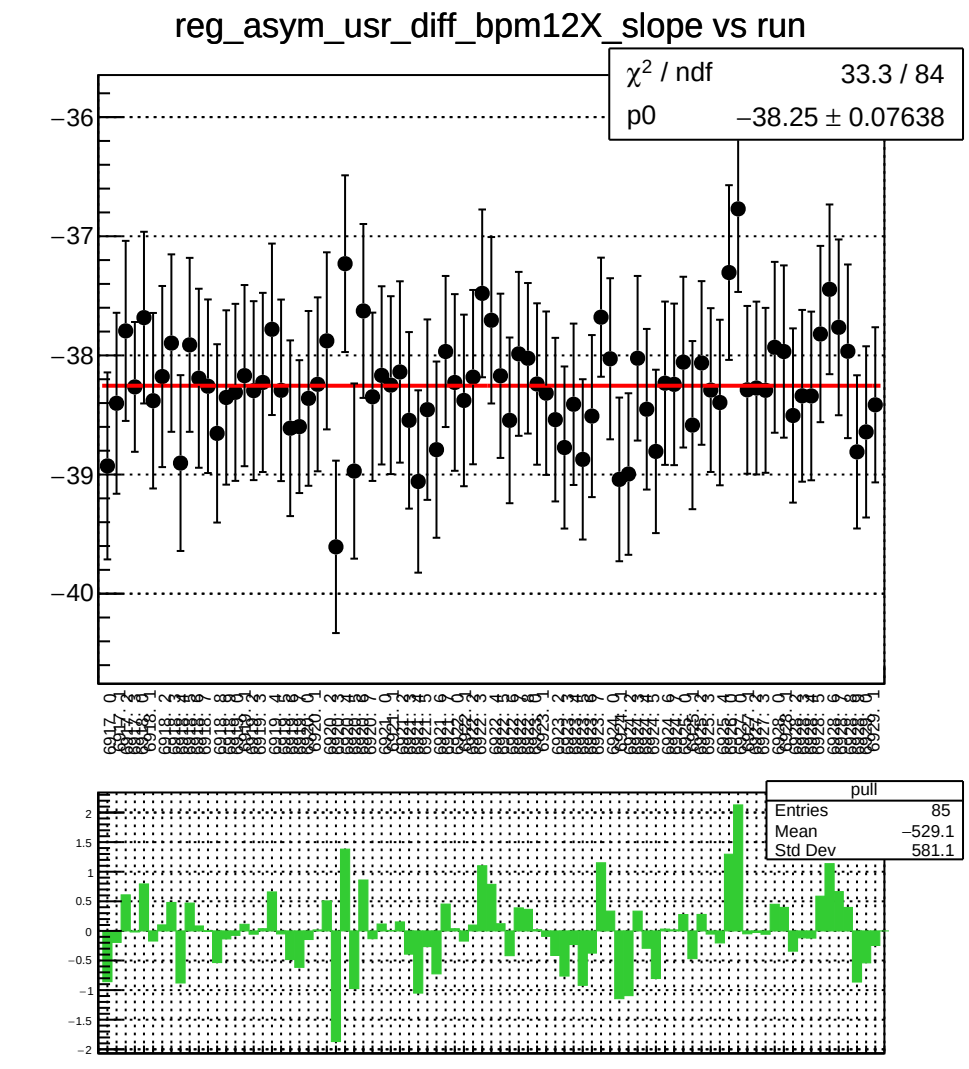

pull1D
Entries 85
Mean 0.01195
Std Dev 0.6034

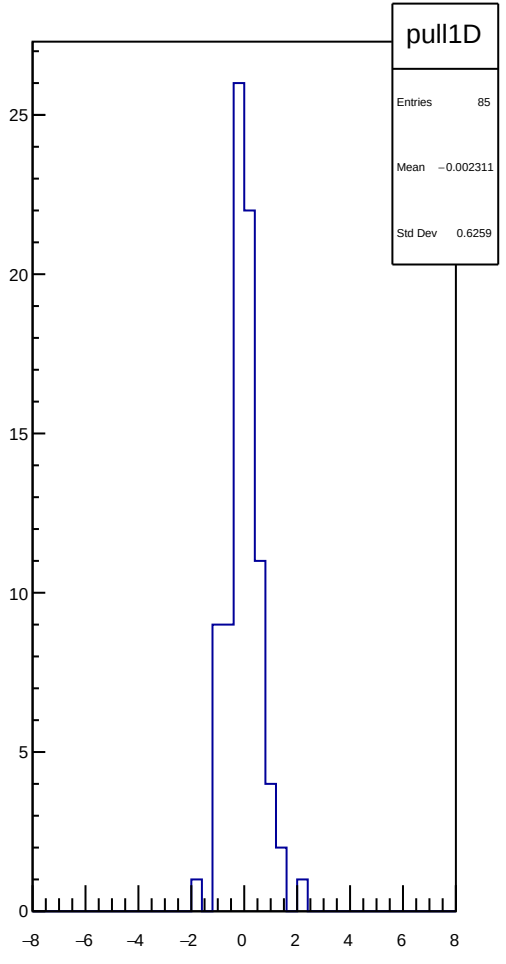

reg_asym_usr_diff_bpm4eX_slope vs run
χ² / ndf 26.76 / 84
p0 124 ± 2.131
pull
Entries 85
Mean −90.04
Std Dev 121.9

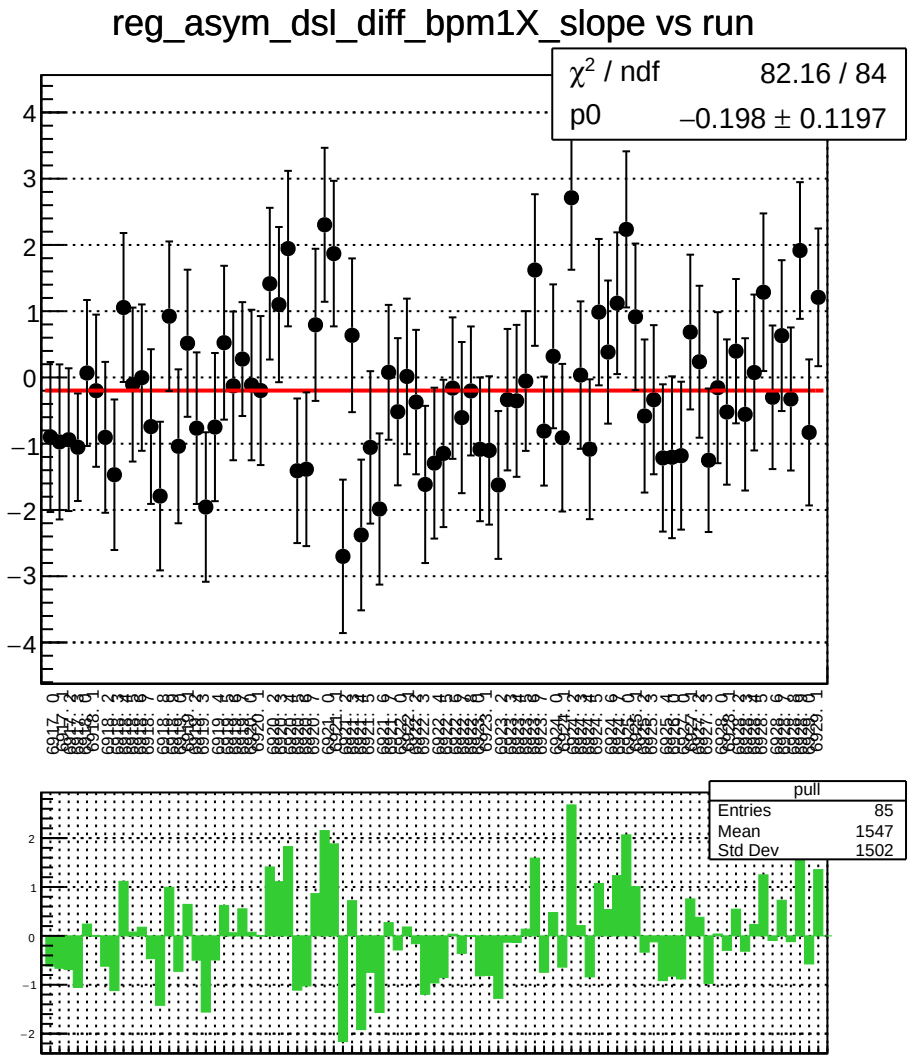

pull1D
Entries 85
Mean −0.01156
Std Dev 0.561

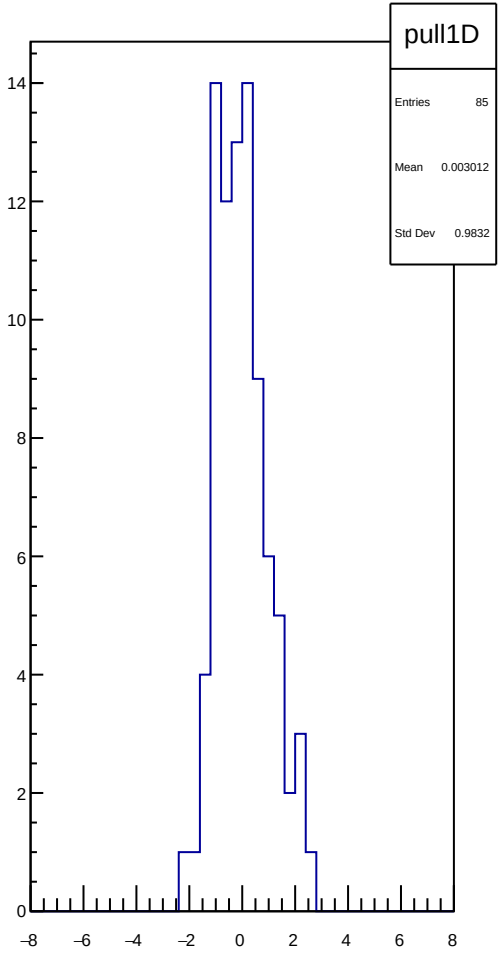

reg_asym_usr_diff_bpm4eY_slope vs run
χ² / ndf 29.26 / 84
p0 16.23 ± 1.794
pull
Entries 85
Mean 243.6
Std Dev 207.3

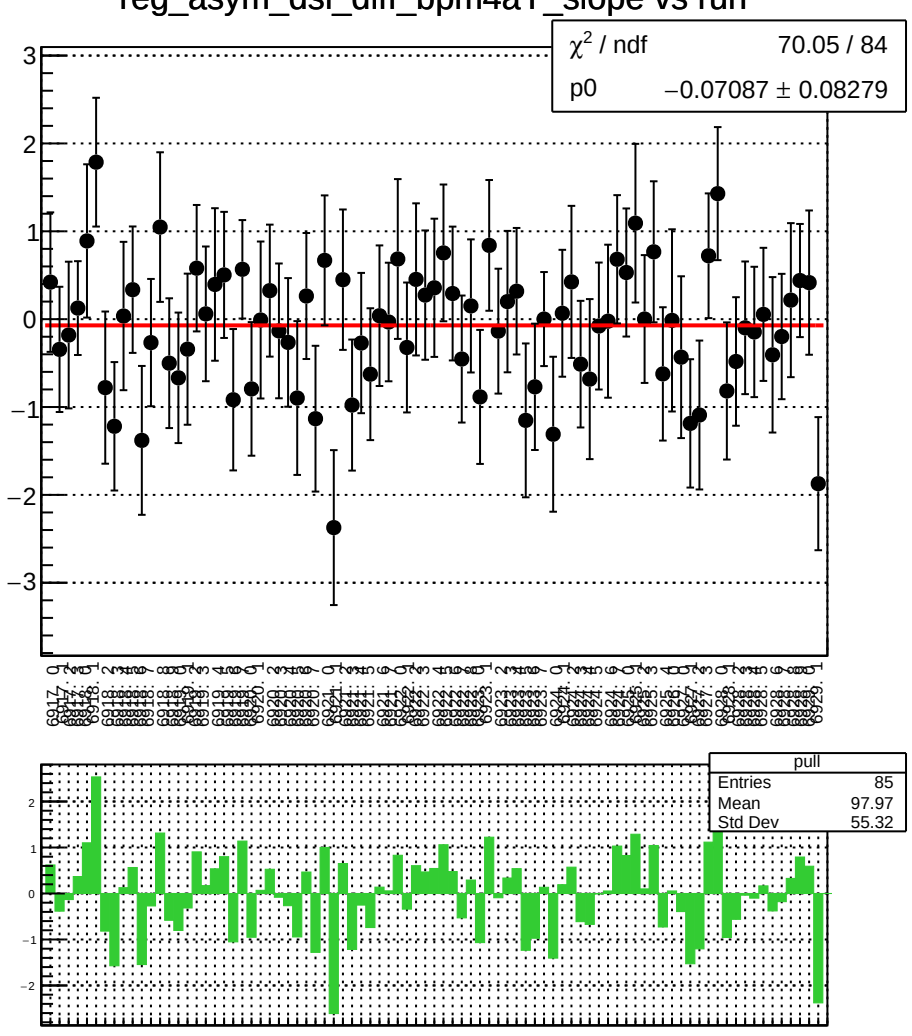

pull1D
Entries 85
Mean −0.004227
Std Dev 0.5867

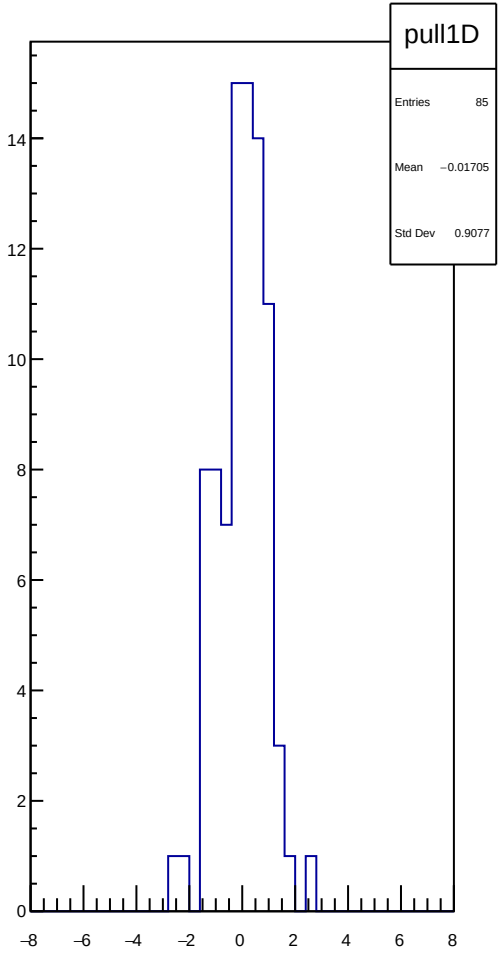

reg_asym_usr_diff_bpm12X_slope vs run
χ² / ndf 33.3 / 84
p0 −38.25 ± 0.07638
−36
−37
−38
−39
−40
pull
Entries 85
Mean −529.1
Std Dev 581.1
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

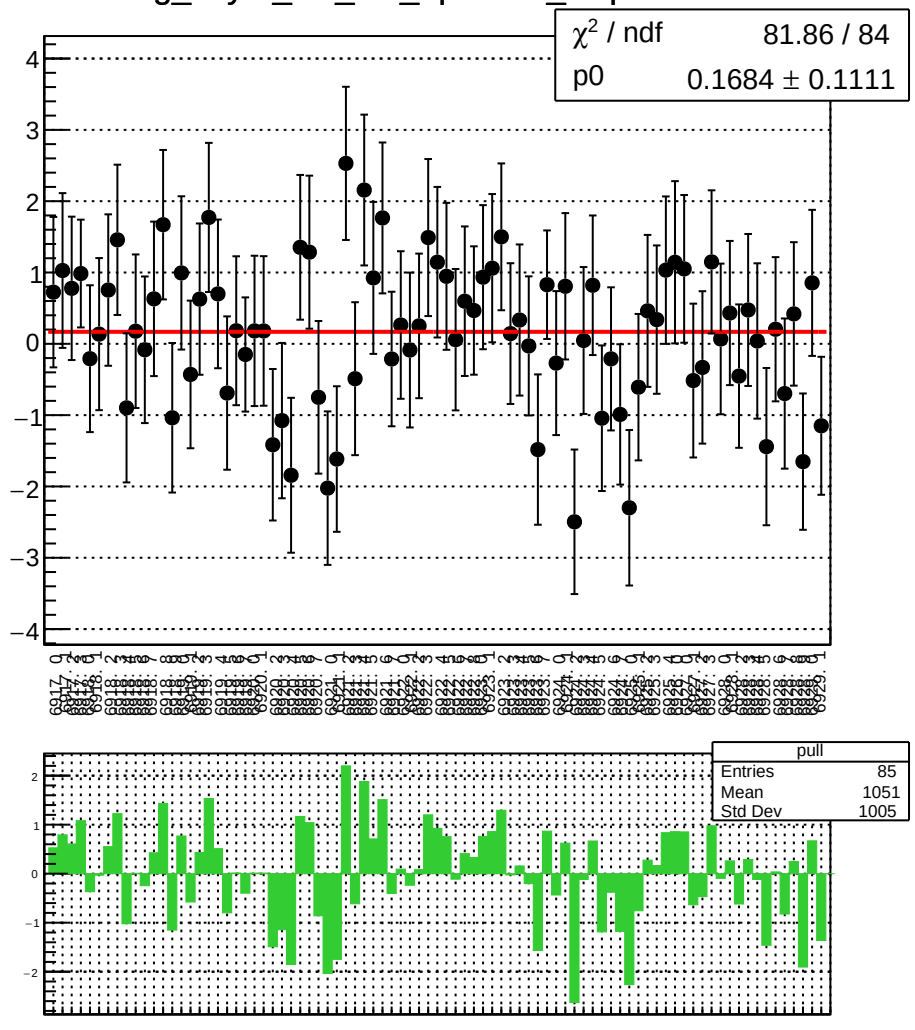

pull1D
Entries 85
Mean −0.002311
Std Dev 0.6259
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

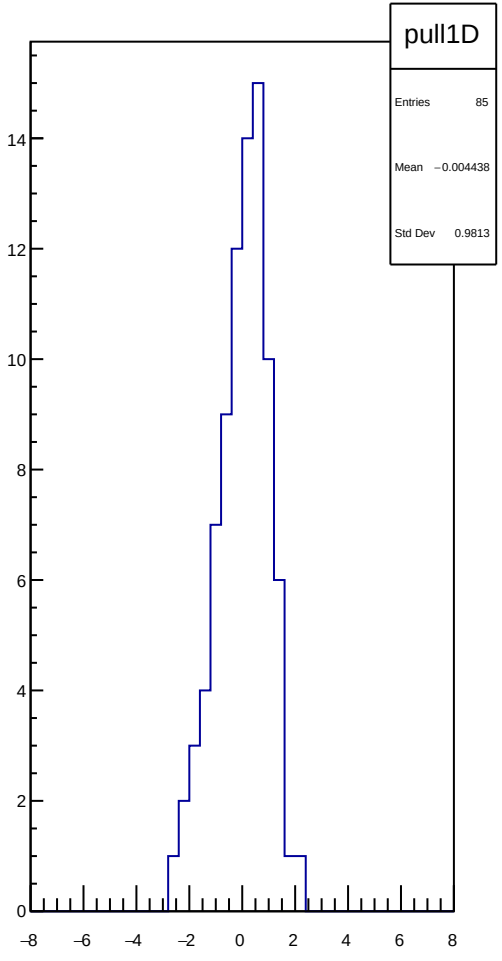

reg_asym_dsl_diff_bpm1X_slope vs run
χ² / ndf 82.16 / 84
p0 −0.198 ± 0.1197
pull
Entries 85
Mean 1547
Std Dev 1502

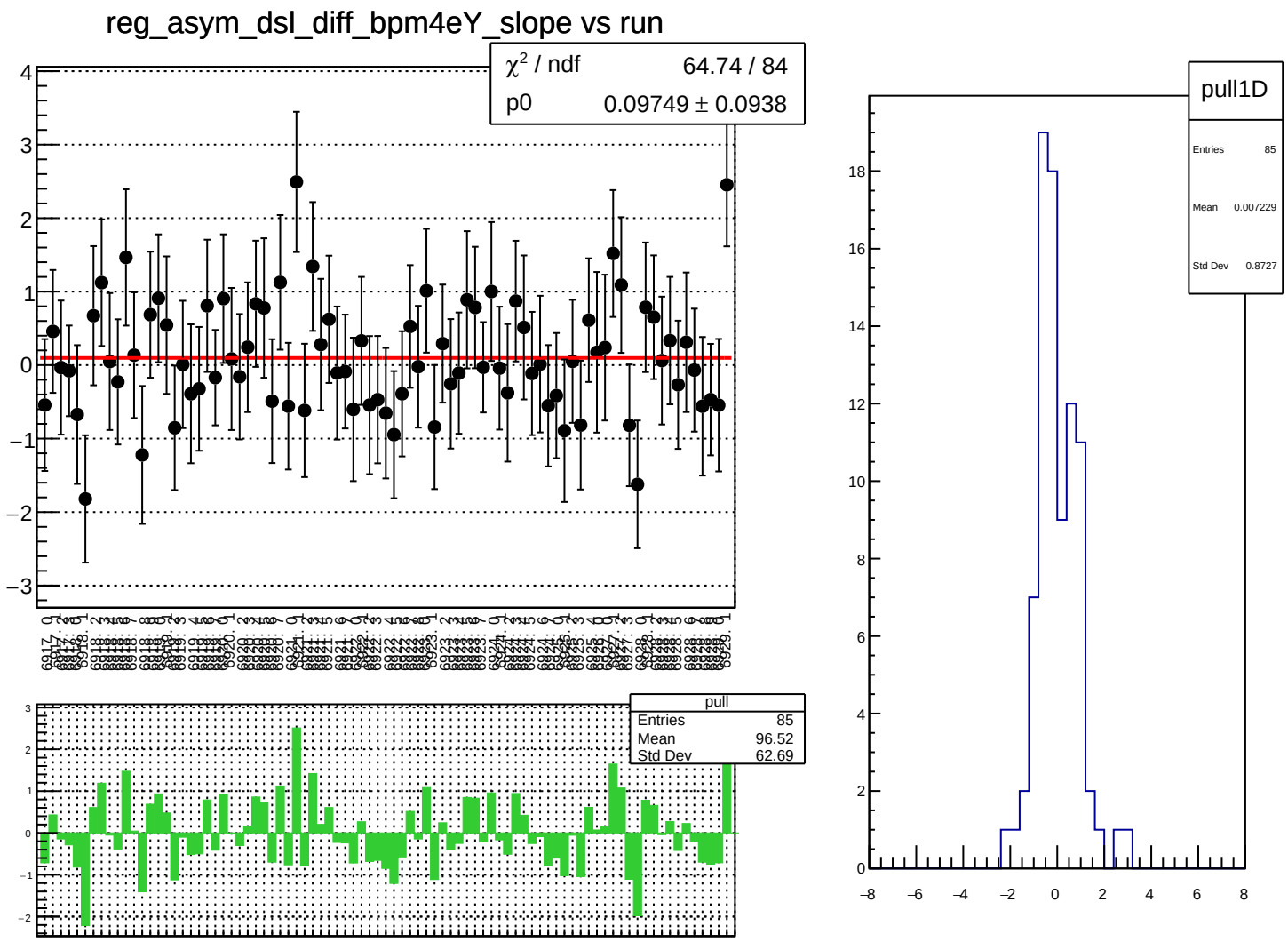

pull1D
Entries 85
Mean 0.003012
Std Dev 0.9832

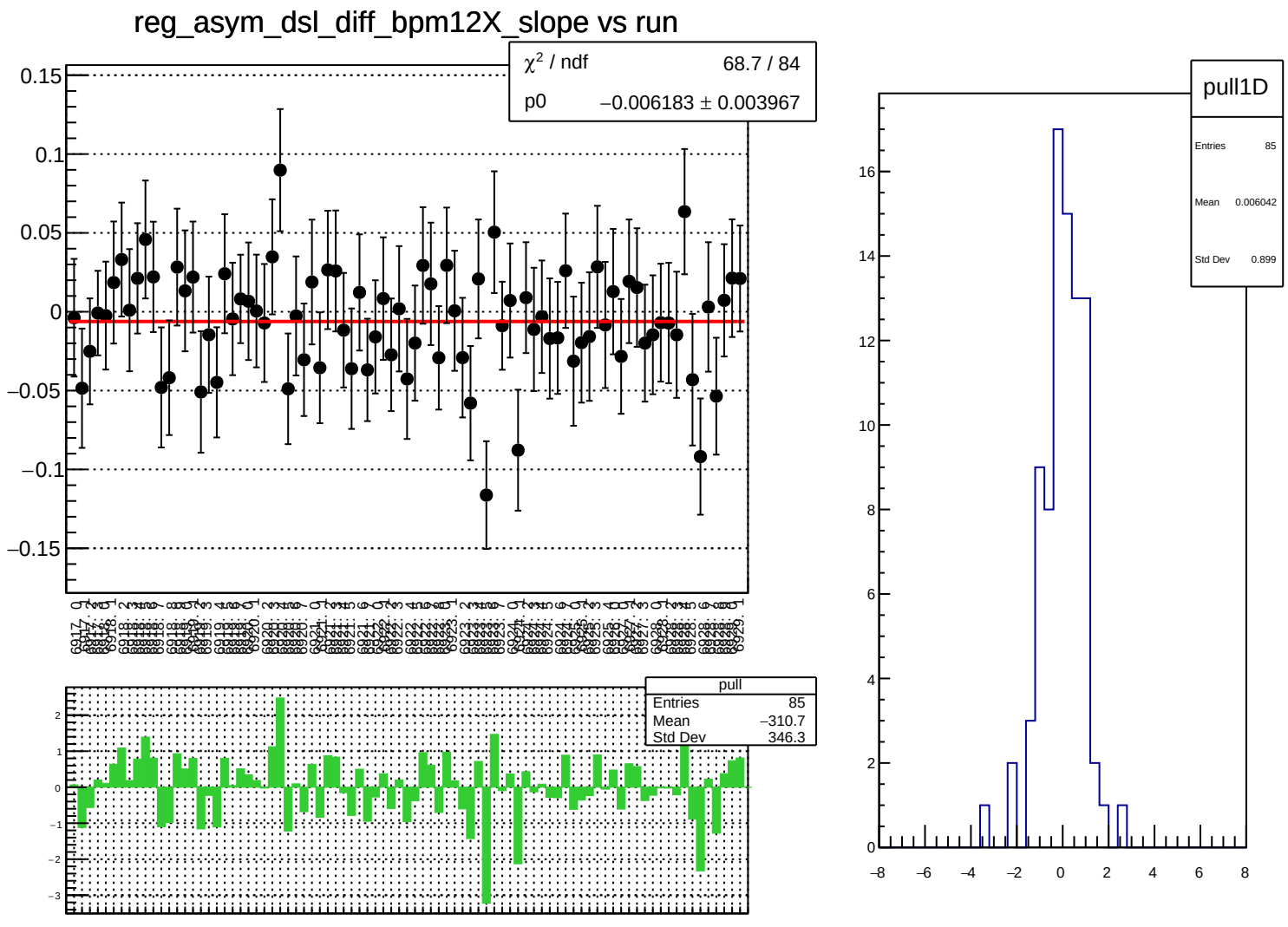

reg_asym_dsl_diff_bpm4aY_slope vs run
χ² / ndf 70.05 / 84
p0 −0.07087 ± 0.08279
pull
Entries 85
Mean 97.97
Std Dev 55.32

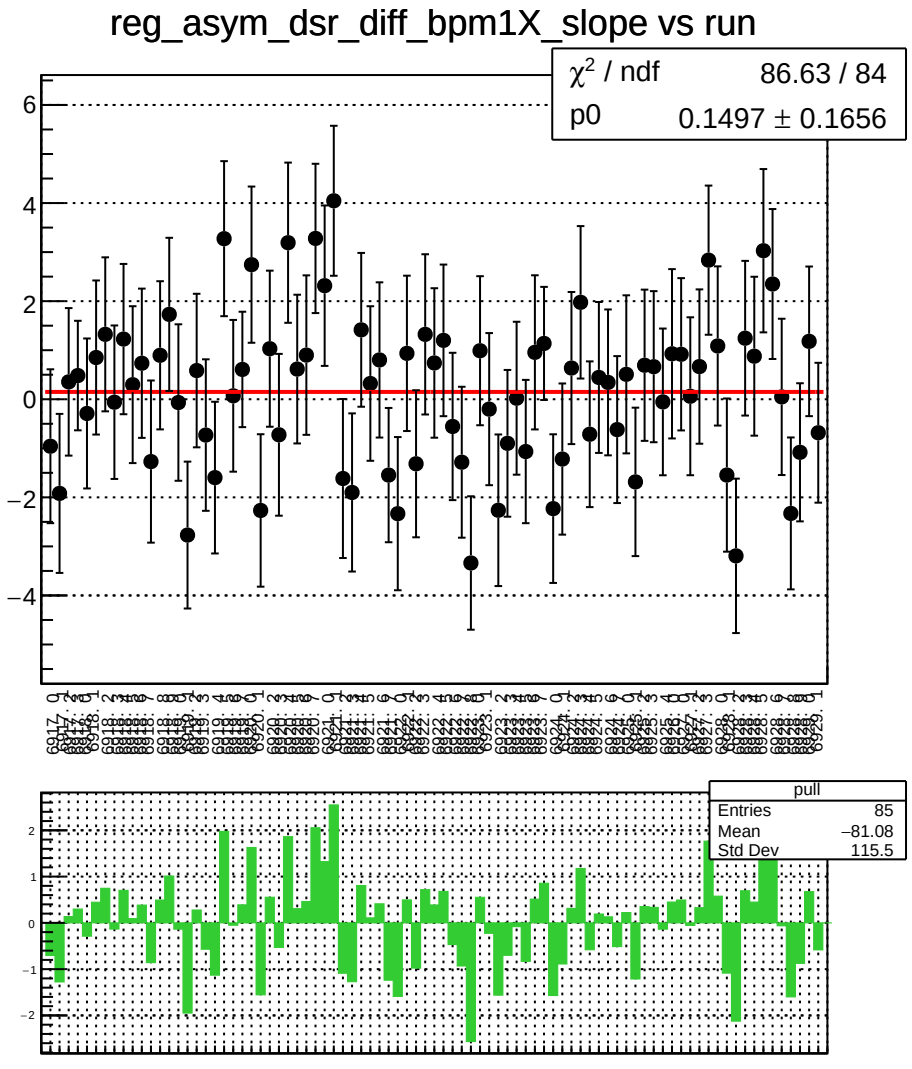

pull1D
Entries 85
Mean −0.01705
Std Dev 0.9077

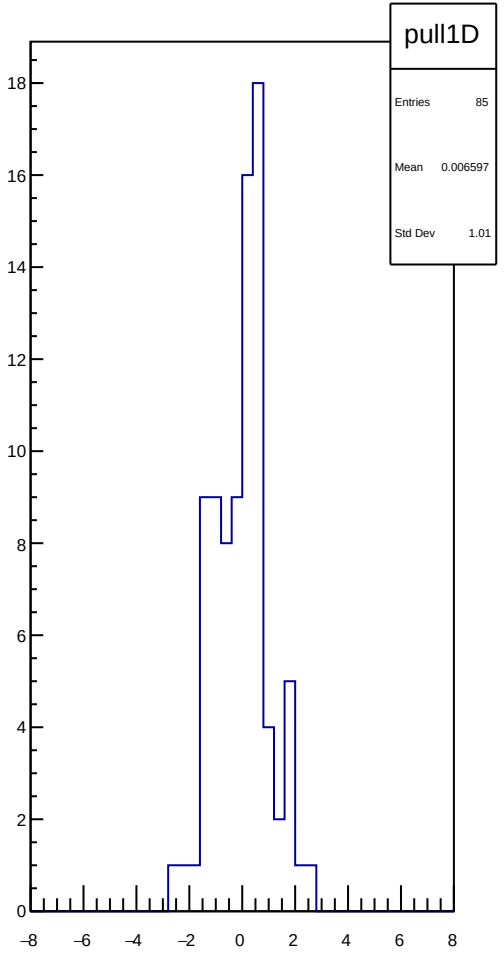

reg_asym_dsl_diff_bpm4eX_slope vs run
χ² / ndf 81.86 / 84
p0 0.1684 ± 0.1111
pull
Entries 85
Mean 1051
Std Dev 1005

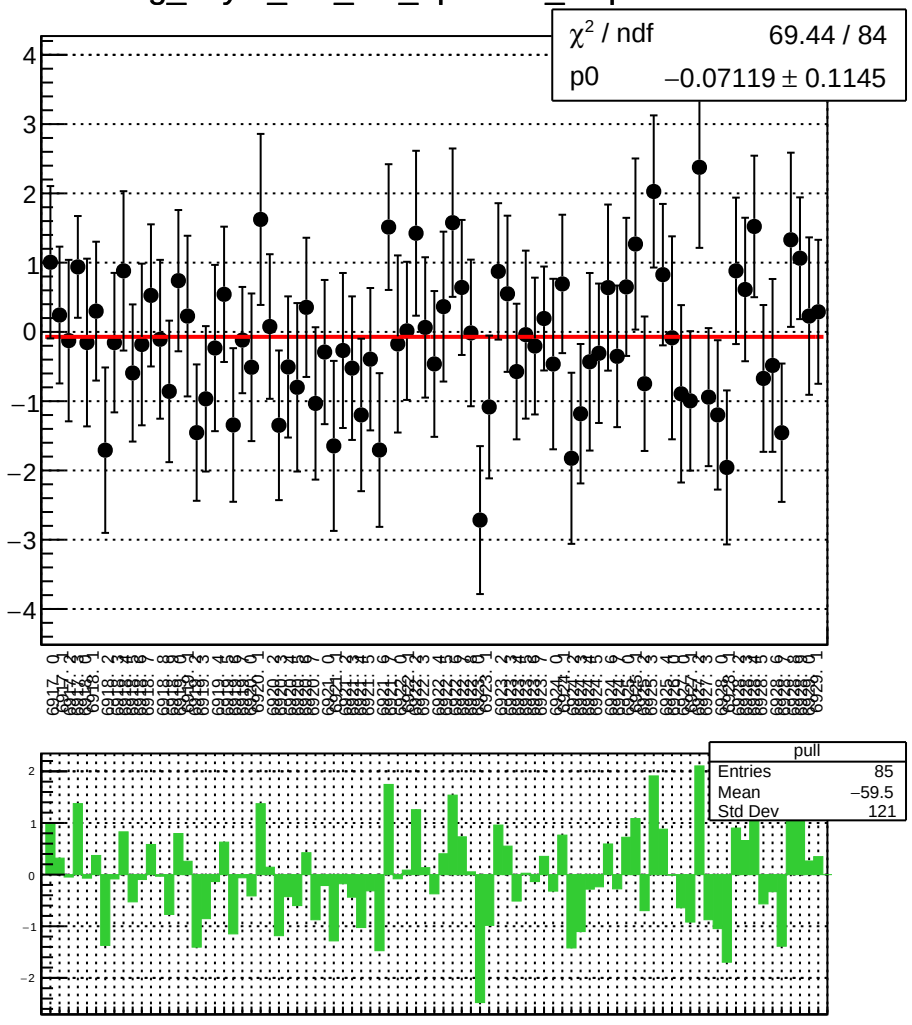

pull1D
Entries 85
Mean −0.004438
Std Dev 0.9813

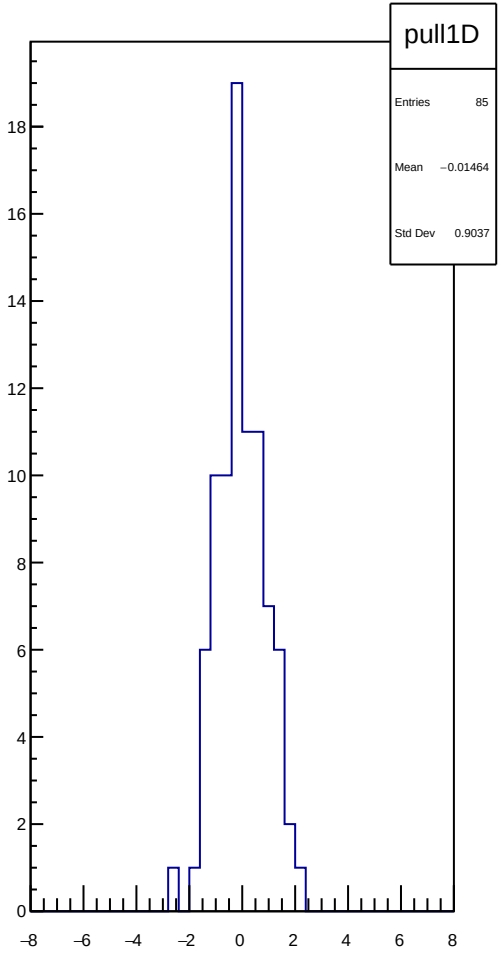

reg_asym_dsl_diff_bpm4eY_slope vs run
χ² / ndf 64.74 / 84
p0 0.09749 ± 0.0938
pull
Entries 85
Mean 96.52
Std Dev 62.69
pull1D
Entries 85
Mean 0.007229
Std Dev 0.8727

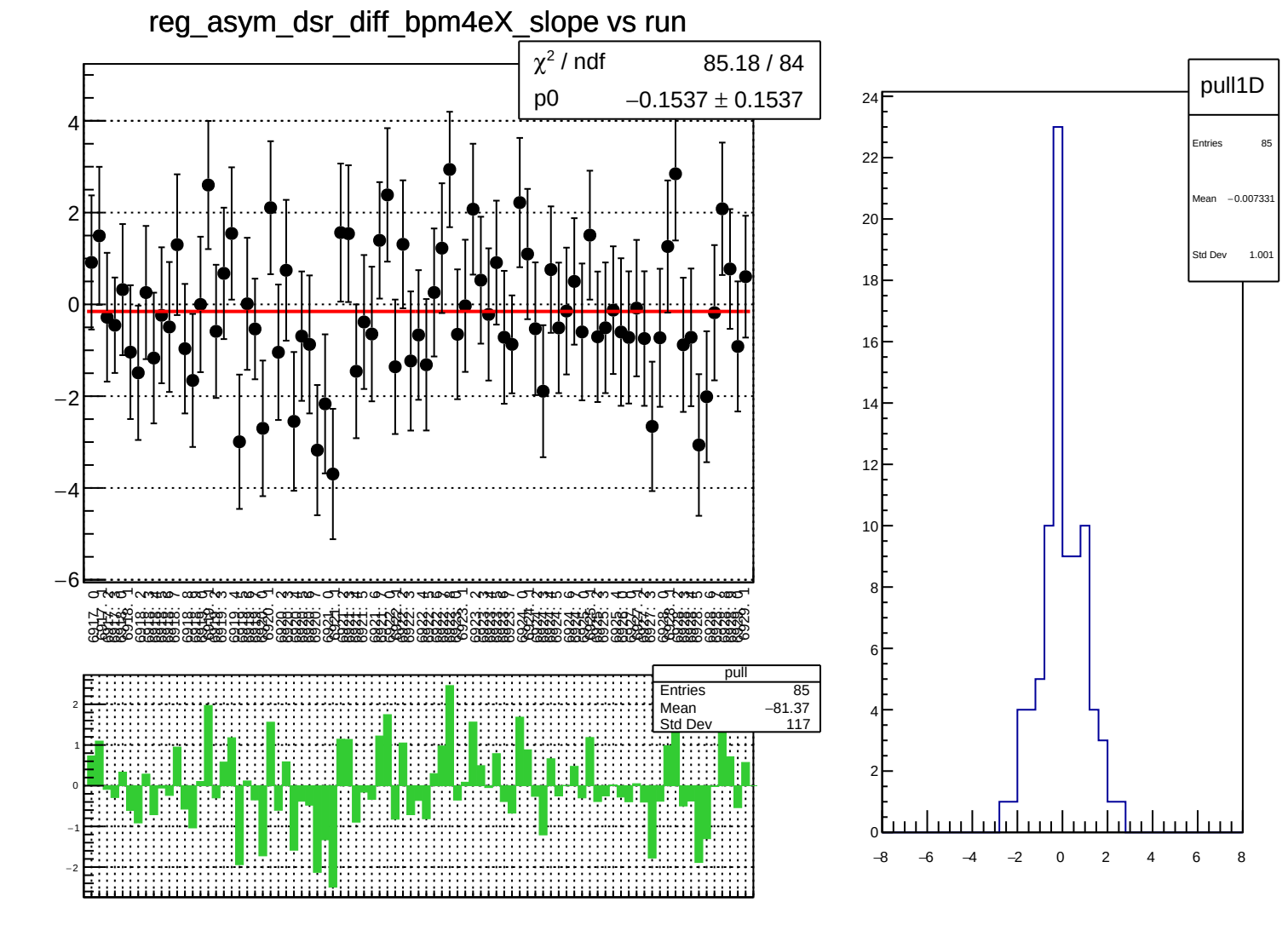

reg_asym_dsl_diff_bpm12X_slope vs run
χ² / ndf 68.7 / 84
p0 −0.006183 ± 0.003967
pull
Entries 85
Mean −310.7
Std Dev 346.3
pull1D
Entries 85
Mean 0.006042
Std Dev 0.899

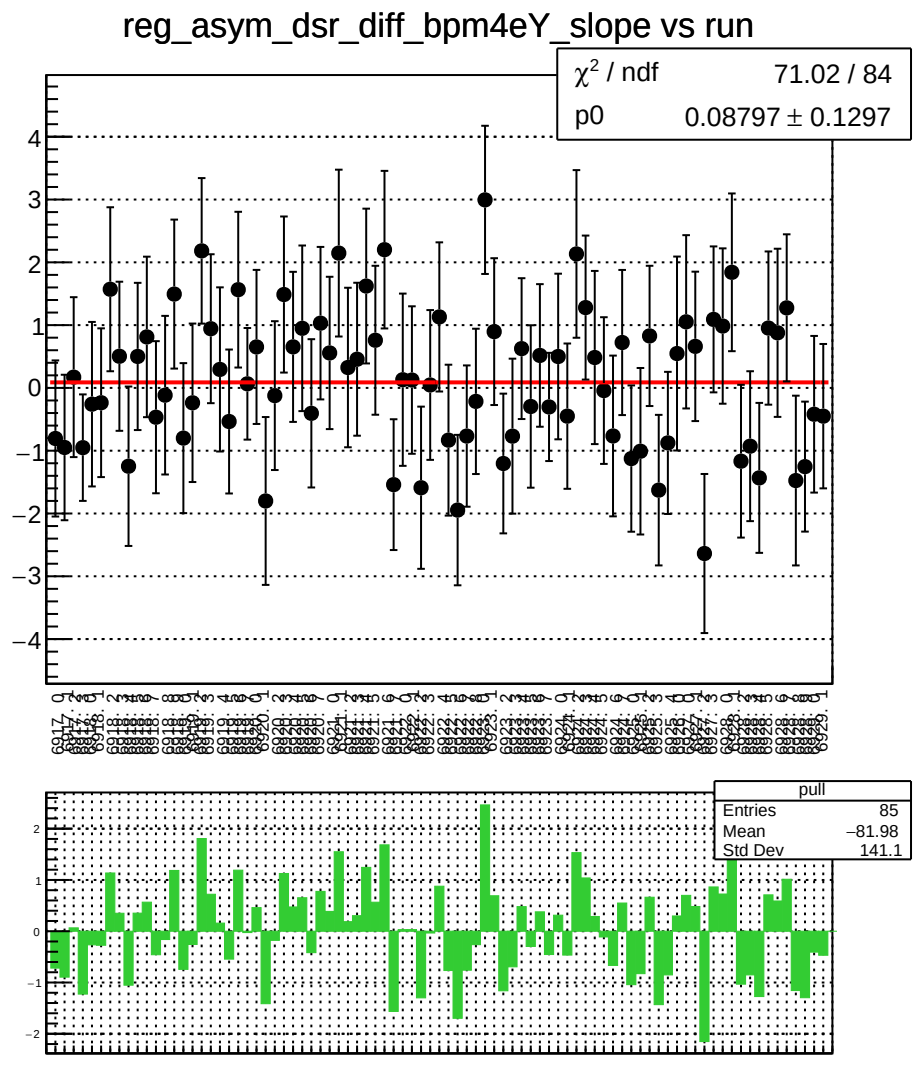

reg_asym_dsr_diff_bpm1X_slope vs run
χ² / ndf 86.63 / 84
p0 0.1497 ± 0.1656
pull
Entries 85
Mean −81.08
Std Dev 115.5

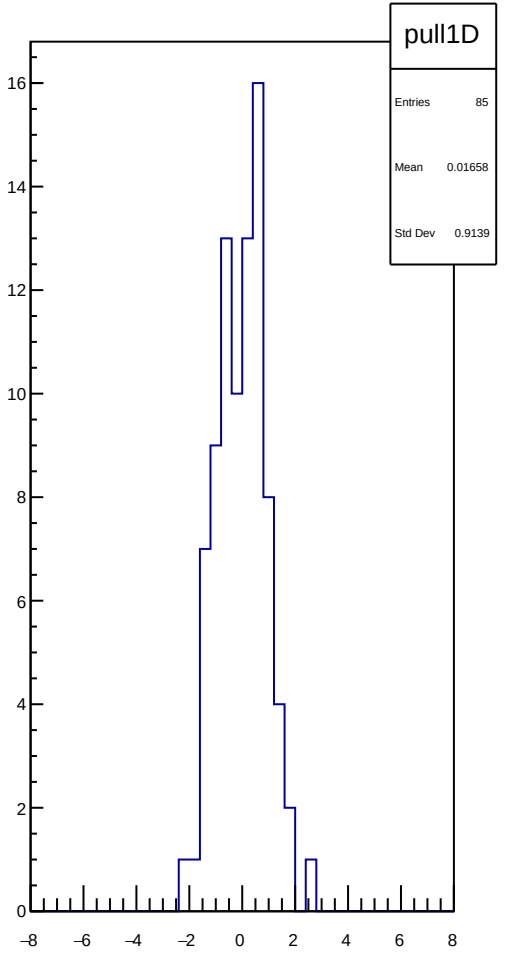

pull1D
Entries 85
Mean 0.006597
Std Dev 1.01

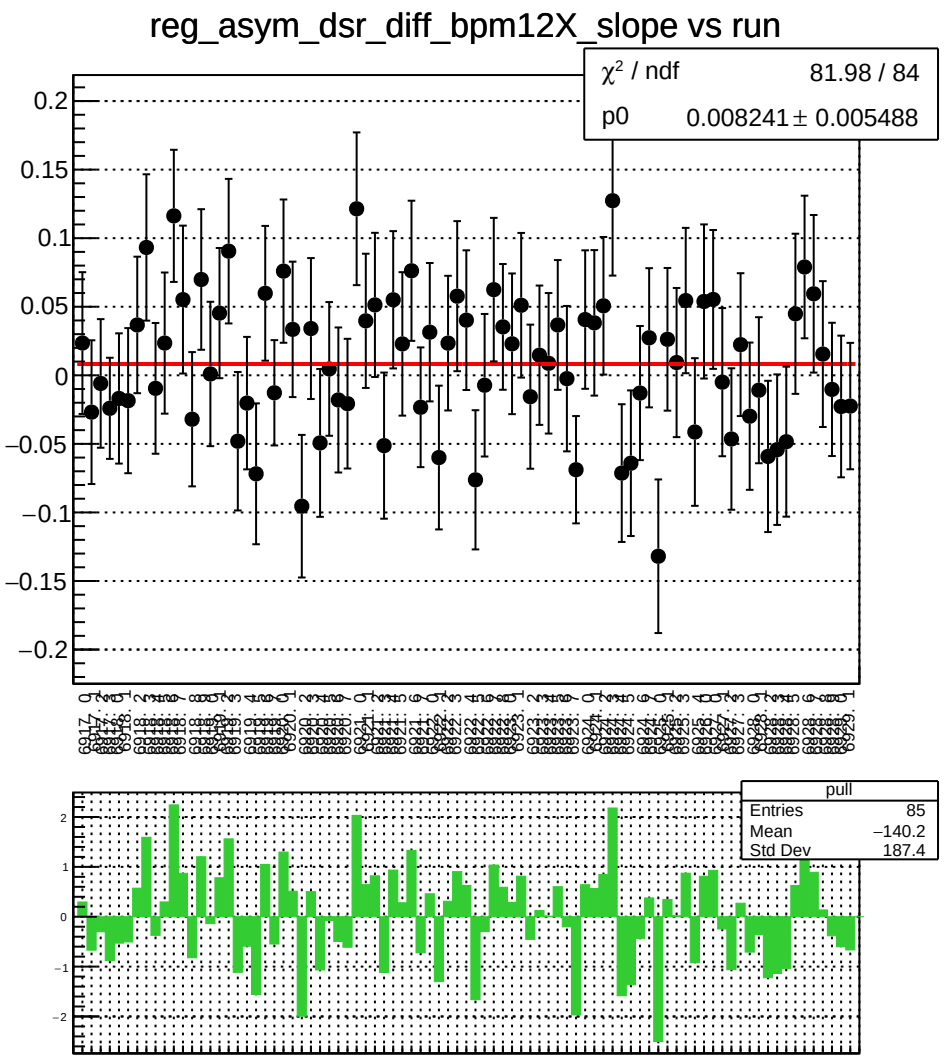

reg_asym_dsr_diff_bpm4aY_slope vs run
χ² / ndf 69.44 / 84
p0 −0.07119 ± 0.1145
pull
Entries 85
Mean −59.5
Std Dev 121

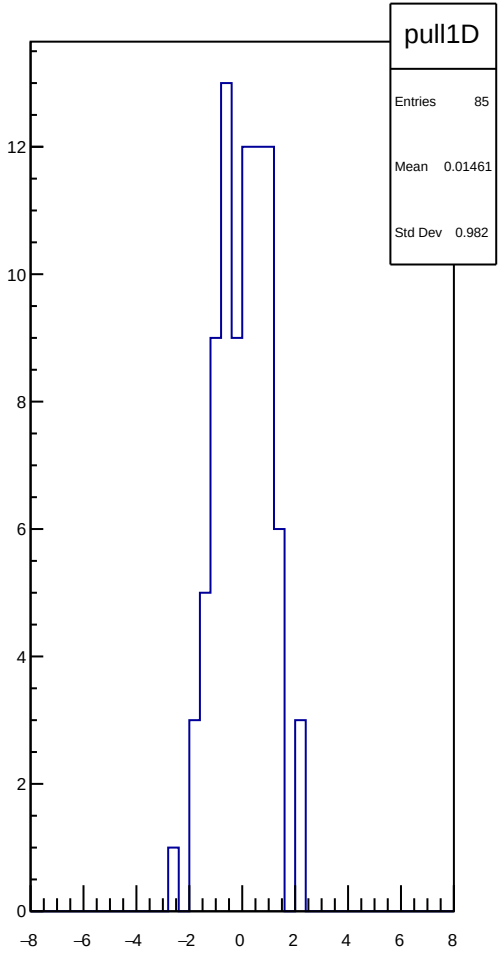

pull1D
Entries 85
Mean −0.01464
Std Dev 0.9037

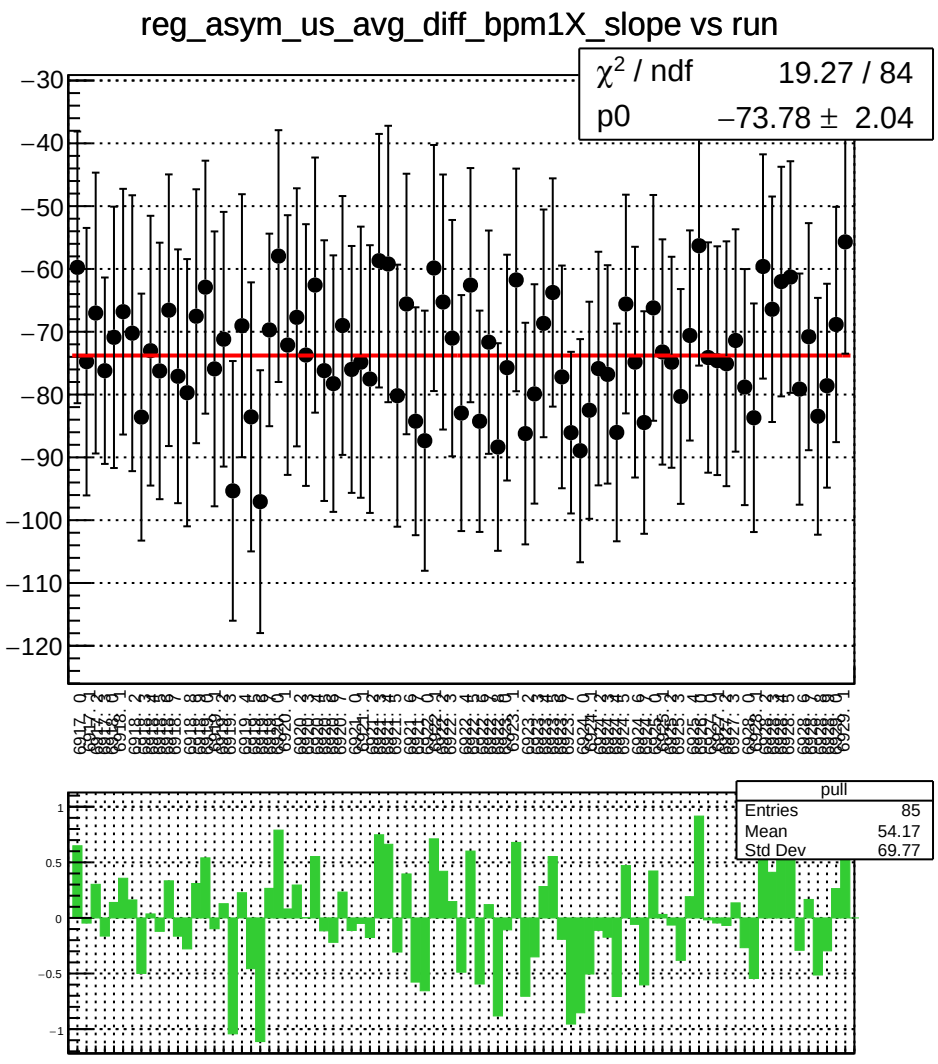

reg_asym_dsr_diff_bpm4eX_slope vs run
χ² / ndf 85.18 / 84
p0 −0.1537 ± 0.1537
pull
Entries 85
Mean −81.37
Std Dev 117
pull1D
Entries 85
Mean −0.007331
Std Dev 1.001

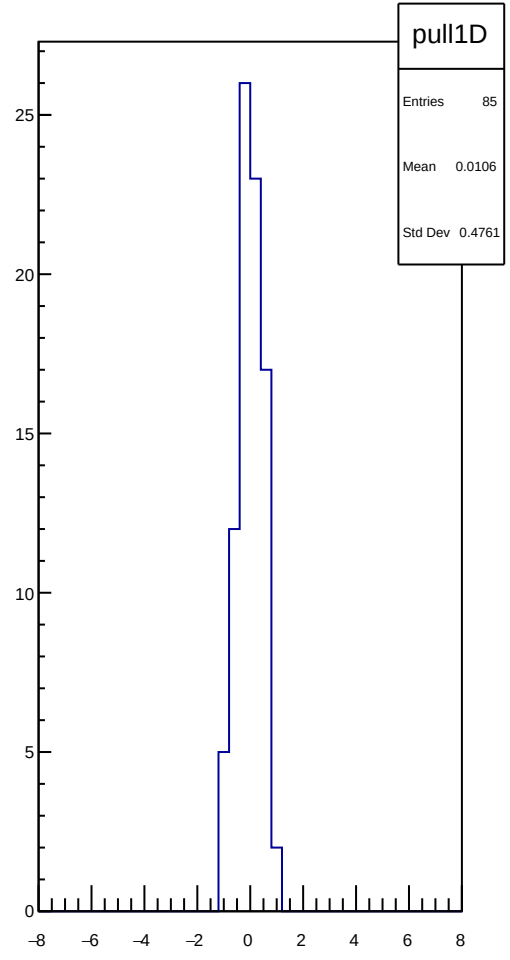

reg_asym_dsr_diff_bpm4eY_slope vs run
χ² / ndf 71.02 / 84
p0 0.08797 ± 0.1297
pull
Entries 85
Mean −81.98
Std Dev 141.1

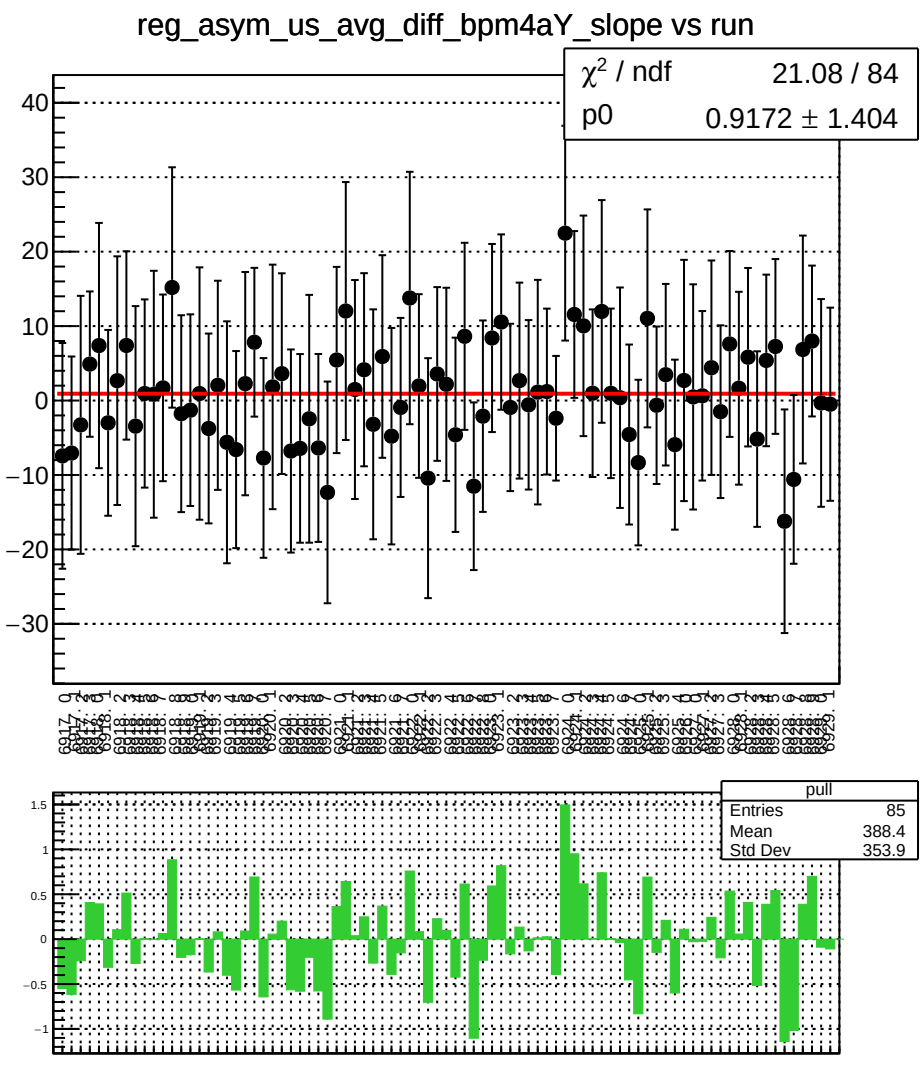

pull1D
Entries 85
Mean 0.01658
Std Dev 0.9139

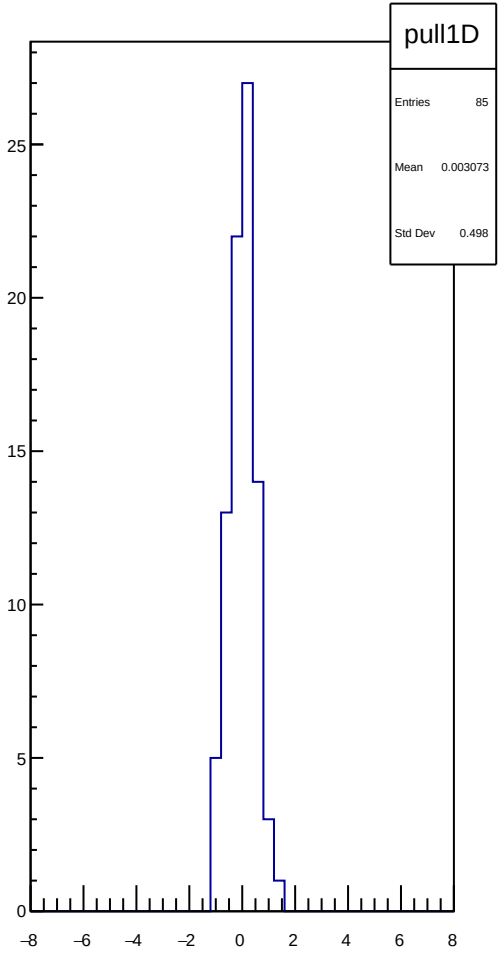

reg_asym_dsr_diff_bpm12X_slope vs run
χ² / ndf 81.98 / 84
p0 0.008241 ± 0.005488
pull
Entries 85
Mean −140.2
Std Dev 187.4

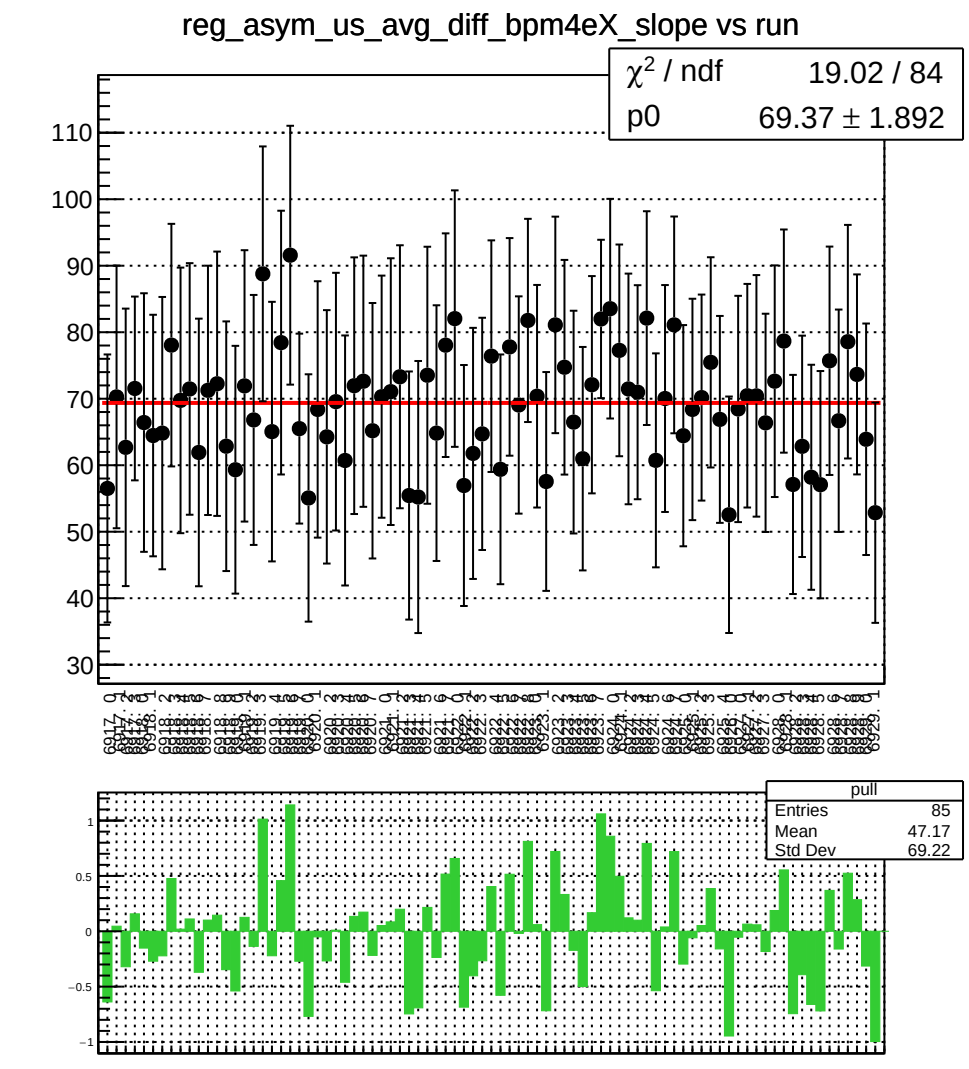

pull1D
Entries 85
Mean 0.01461
Std Dev 0.982

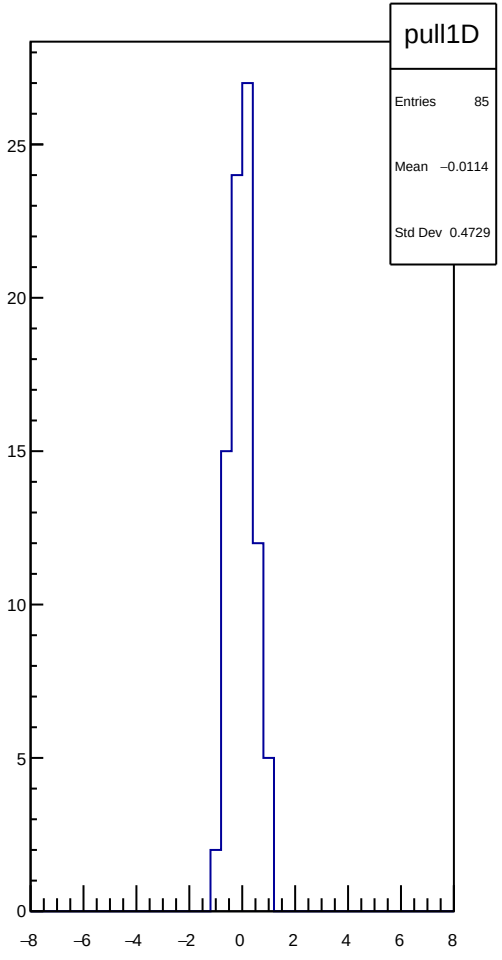

reg_asym_us_avg_diff_bpm1X_slope vs run
χ² / ndf 19.27 / 84
p0 −73.78 ± 2.04
pull
Entries 85
Mean 54.17
Std Dev 69.77

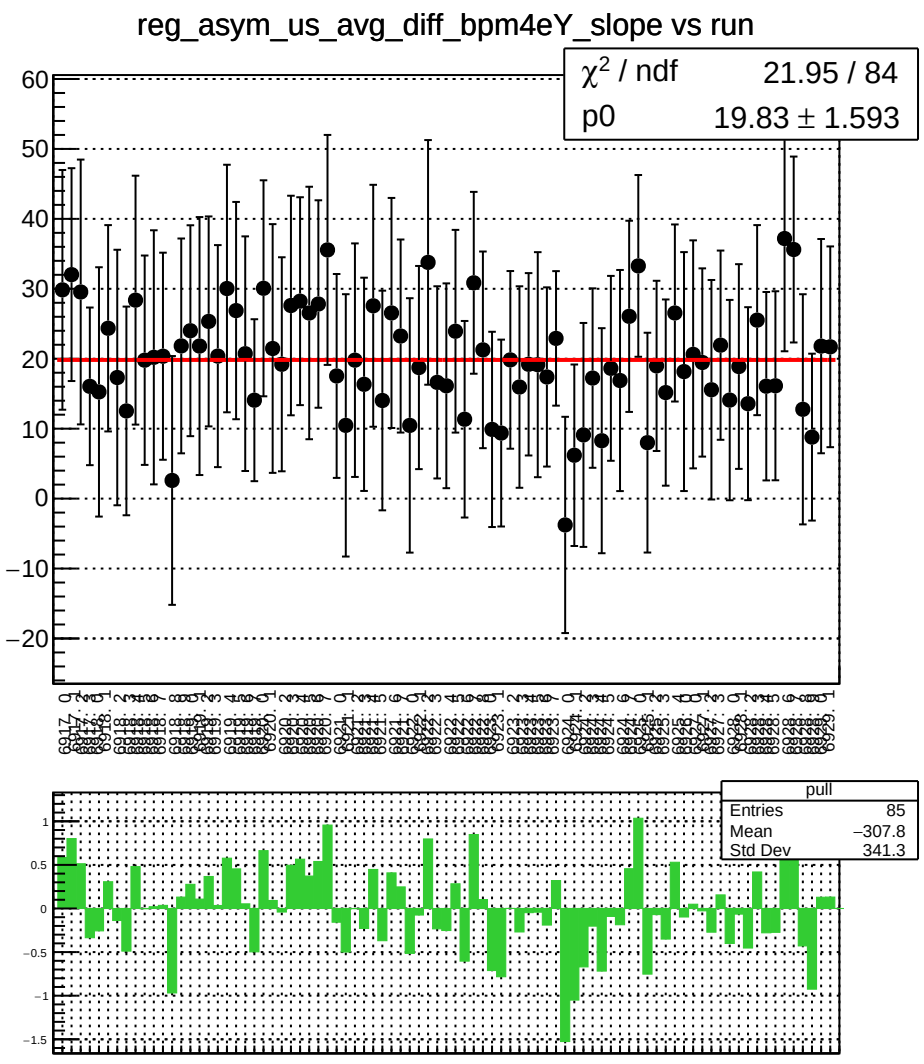

pull1D
Entries 85
Mean 0.0106
Std Dev 0.4761

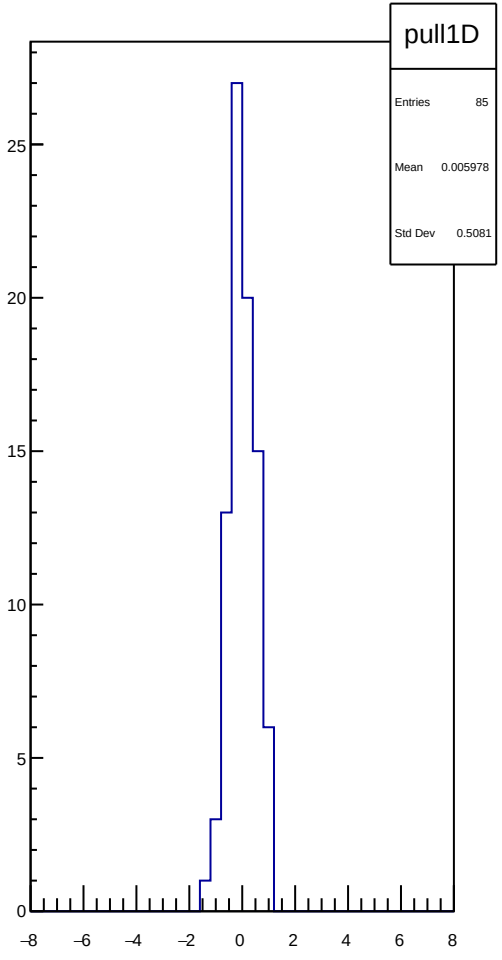

reg_asym_us_avg_diff_bpm4aY_slope vs run
χ² / ndf 21.08 / 84
p0 0.9172 ± 1.404
pull
Entries 85
Mean 388.4
Std Dev 353.9

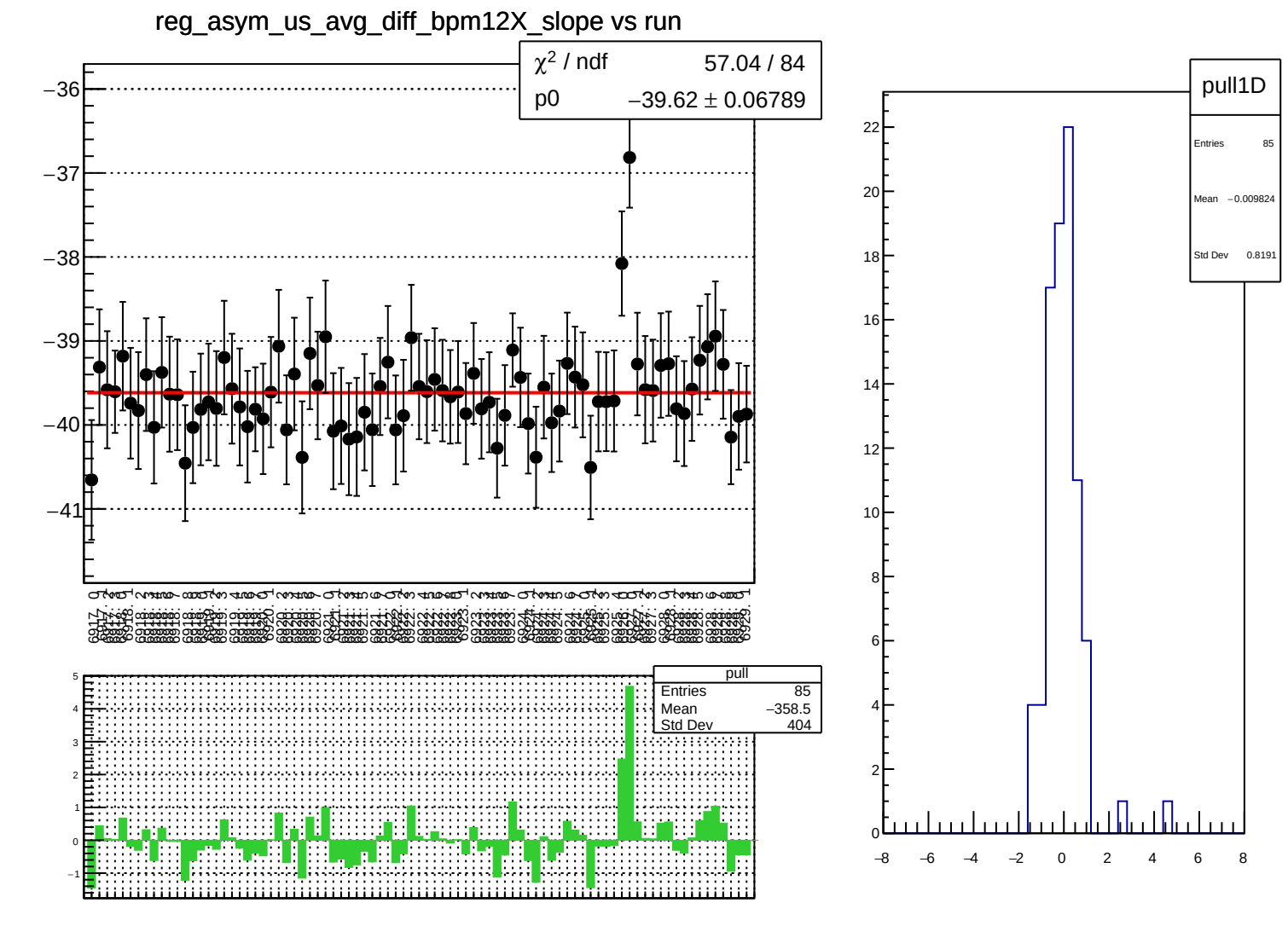

pull1D
Entries 85
Mean 0.003073
Std Dev 0.498

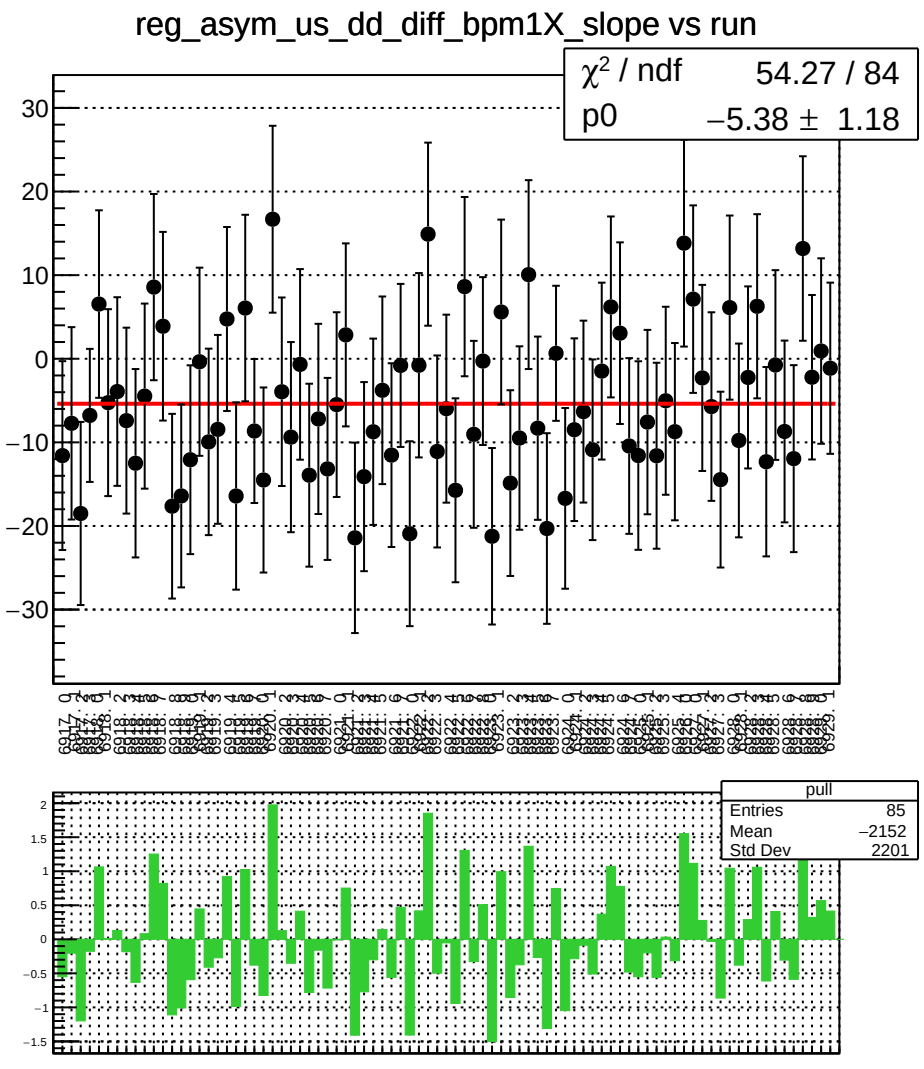

reg_asym_us_avg_diff_bpm4eX_slope vs run
χ² / ndf 19.02 / 84
p0 69.37 ± 1.892
pull
Entries 85
Mean 47.17
Std Dev 69.22

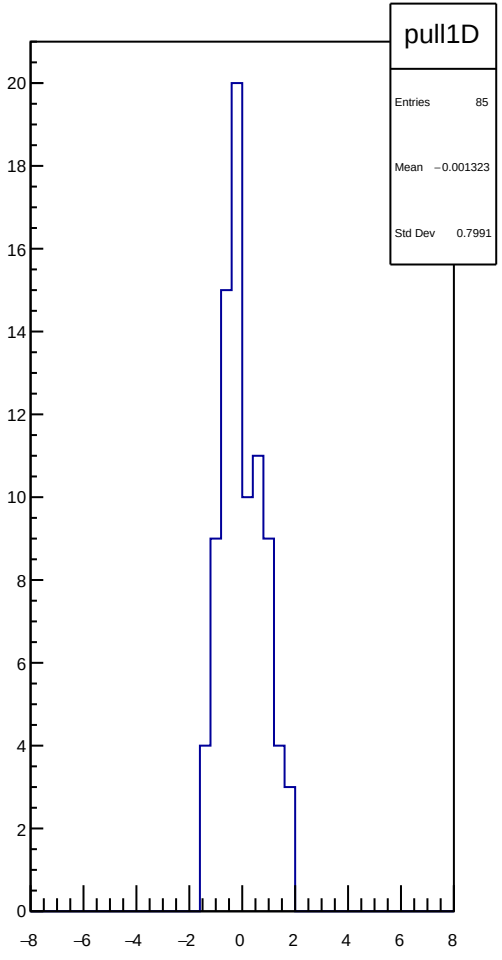

pull1D
Entries 85
Mean −0.0114
Std Dev 0.4729

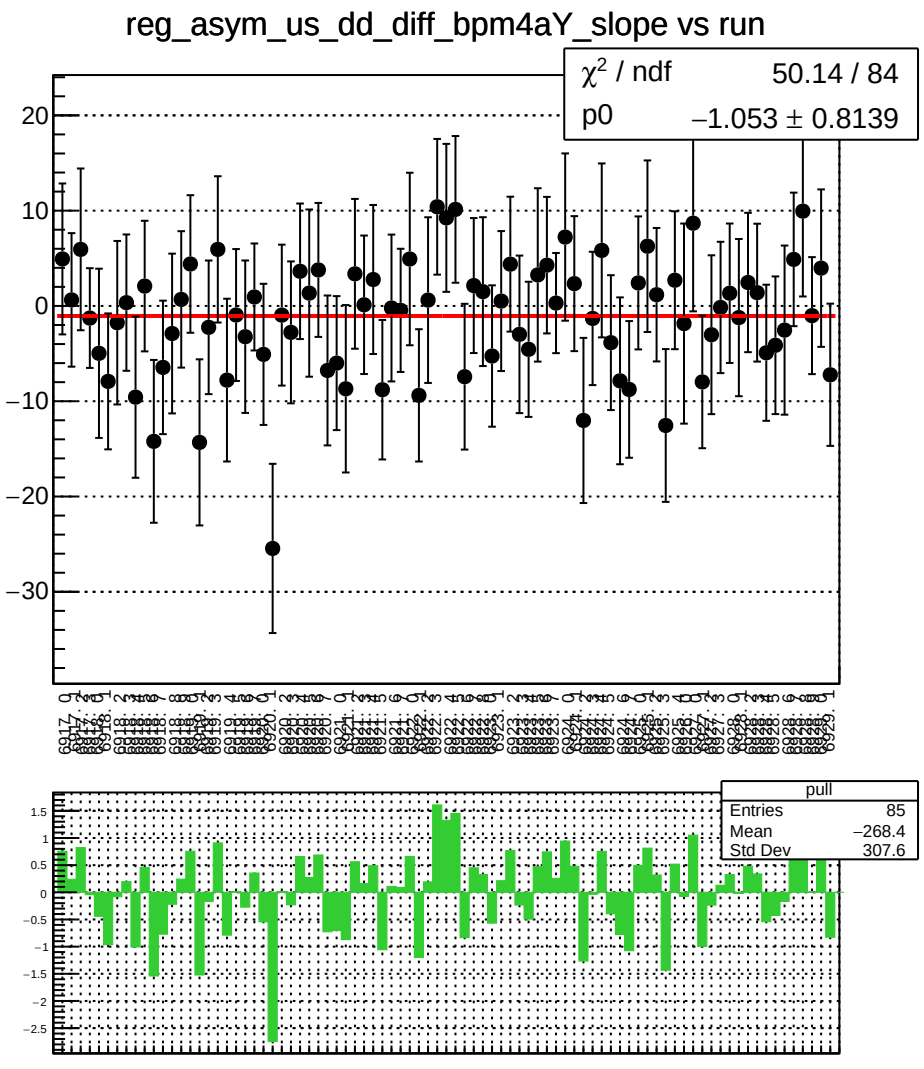

reg_asym_us_avg_diff_bpm4eY_slope vs run
χ² / ndf 21.95 / 84
p0 19.83 ± 1.593
pull
Entries 85
Mean −307.8
Std Dev 341.3

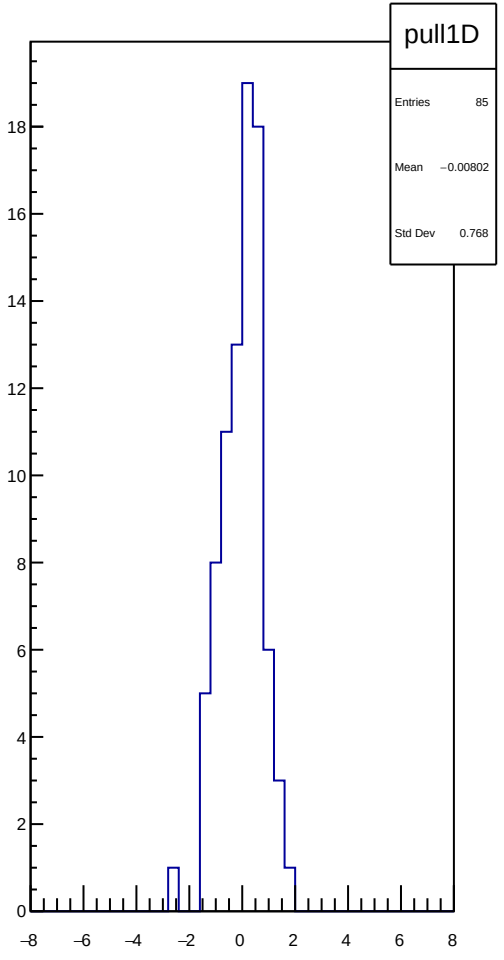

pull1D
Entries 85
Mean 0.005978
Std Dev 0.5081

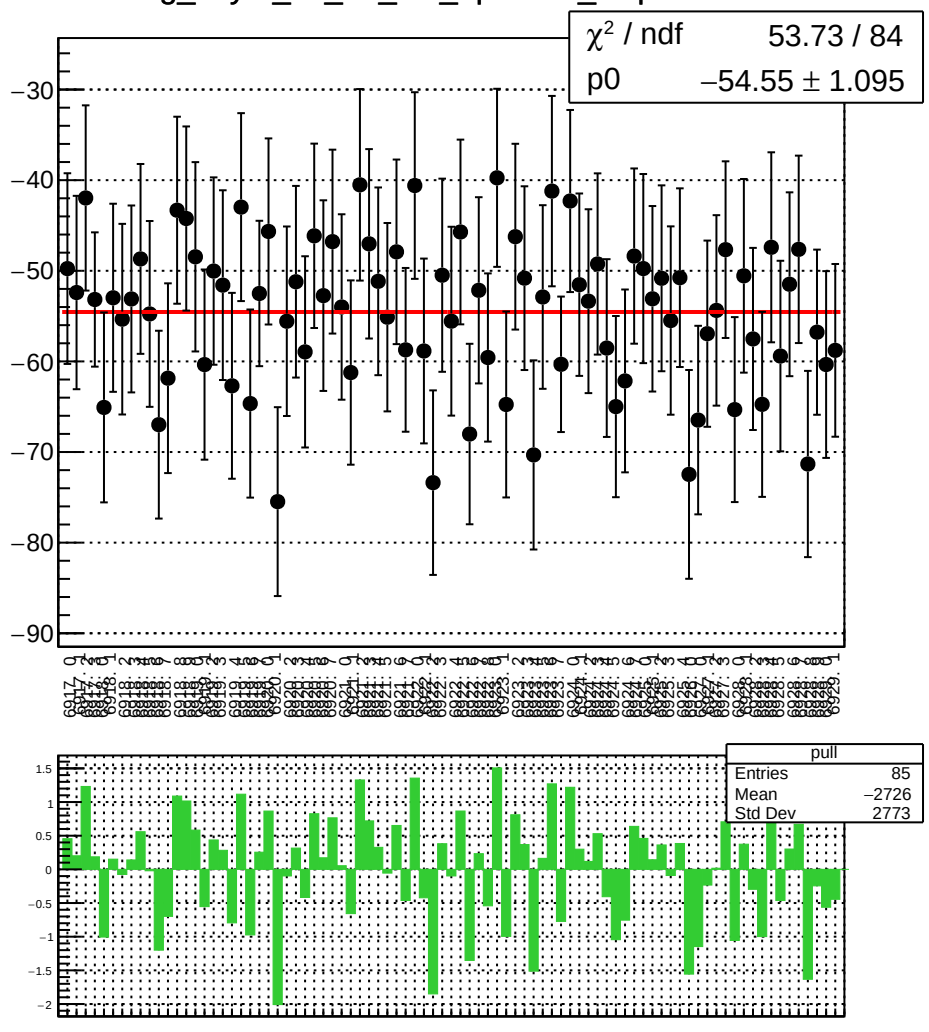

reg_asym_us_avg_diff_bpm12X_slope vs run
χ² / ndf 57.04 / 84
p0 −39.62 ± 0.06789
pull
Entries 85
Mean −358.5
Std Dev 404
pull1D
Entries 85
Mean −0.009824
Std Dev 0.8191

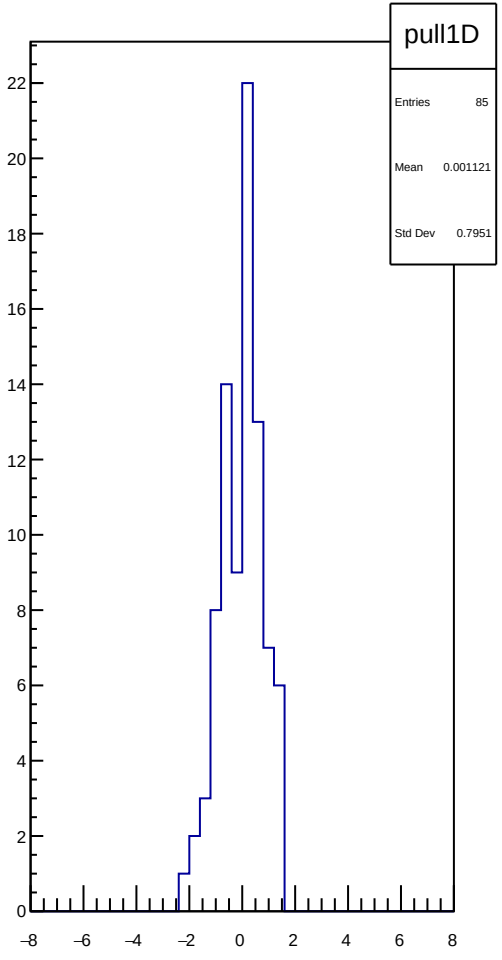

reg_asym_us_dd_diff_bpm1X_slope vs run
χ² / ndf 54.27 / 84
p0 −5.38 ± 1.18
pull
Entries 85
Mean −2152
Std Dev 2201

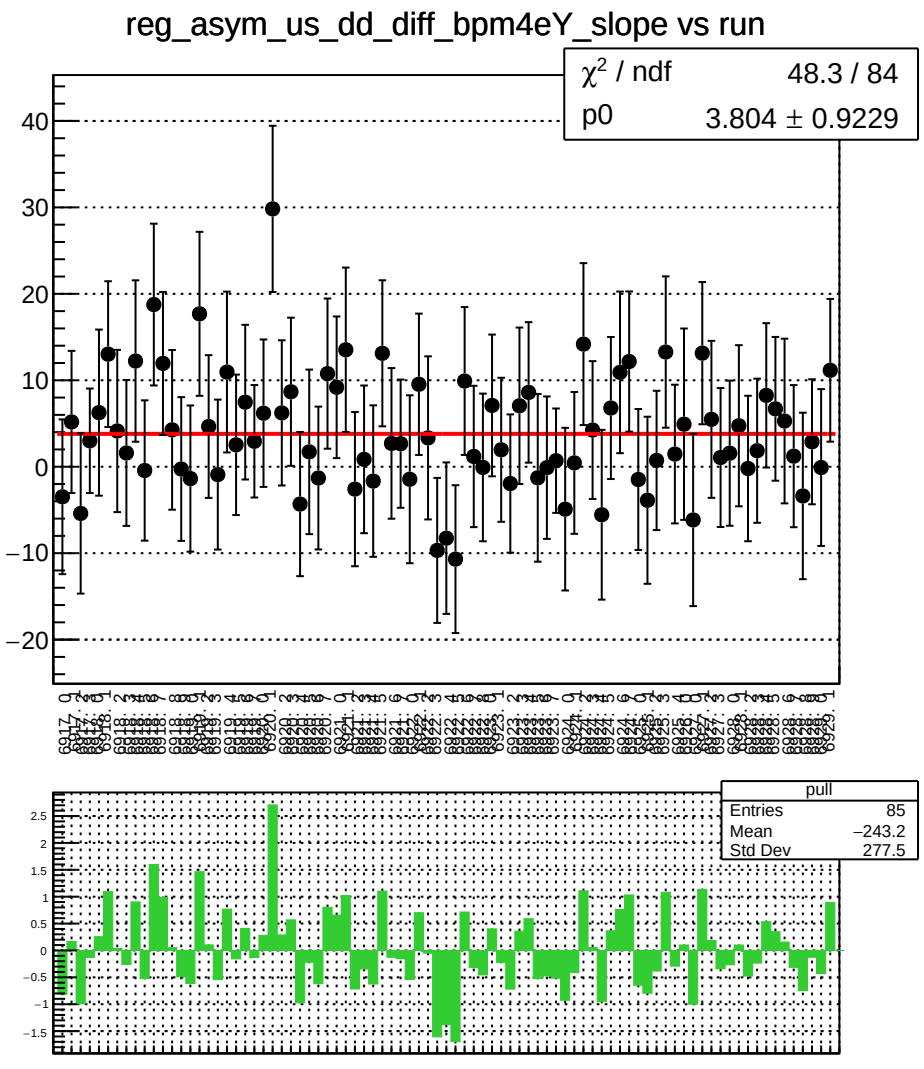

pull1D
Entries 85
Mean −0.001323
Std Dev 0.7991

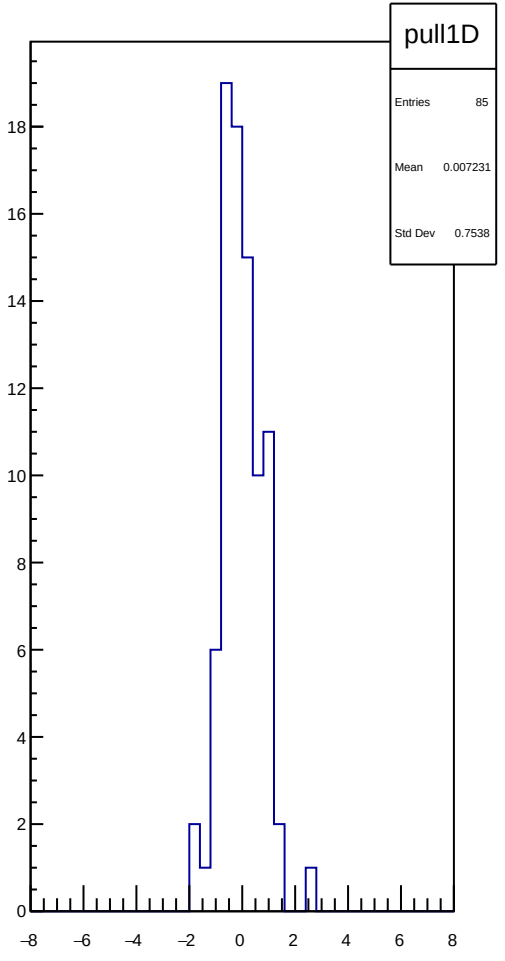

reg_asym_us_dd_diff_bpm4aY_slope vs run
χ² / ndf 50.14 / 84
p0 −1.053 ± 0.8139
pull
Entries 85
Mean −268.4
Std Dev 307.6

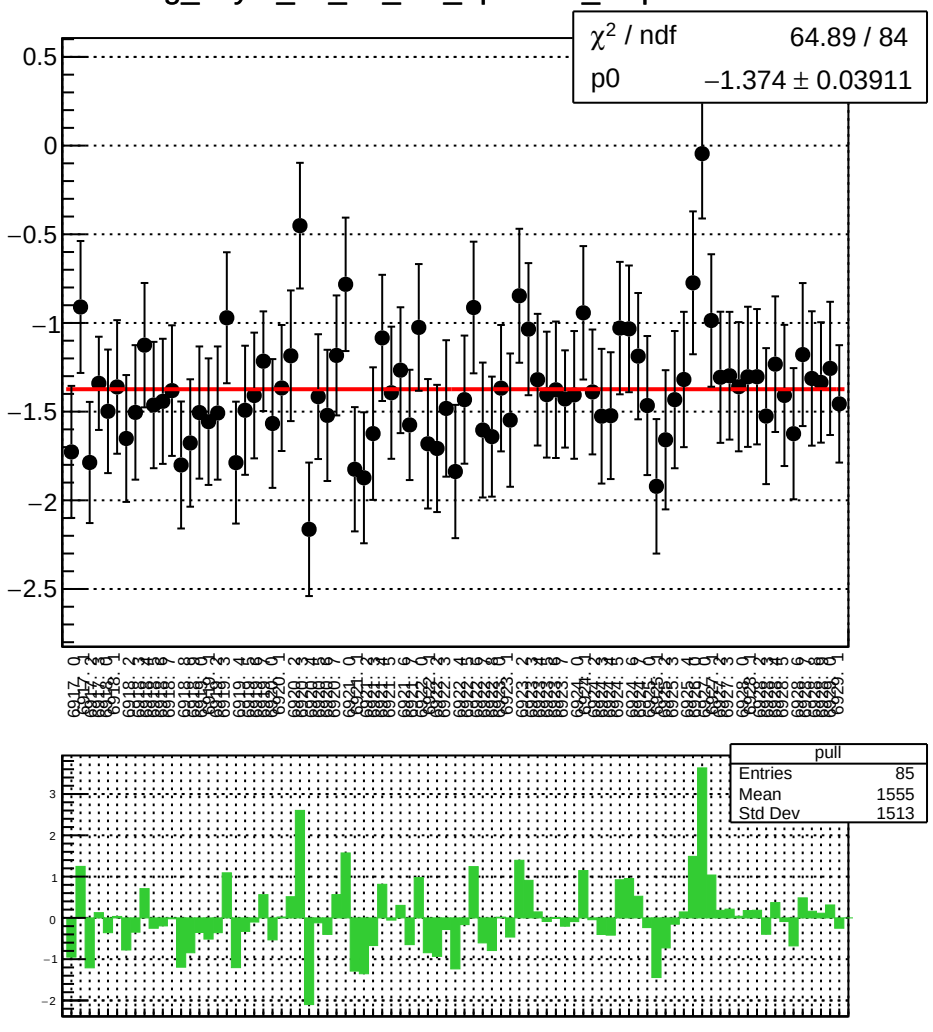

pull1D
Entries 85
Mean −0.00802
Std Dev 0.768

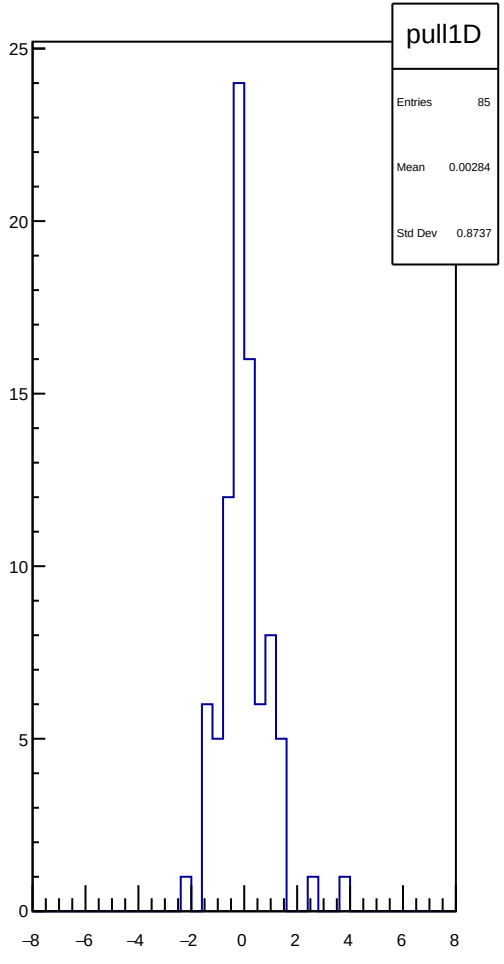

reg_asym_us_dd_diff_bpm4eX_slope vs run
χ² / ndf 53.73 / 84
p0 −54.55 ± 1.095
pull
Entries 85
Mean −2726
Std Dev 2773

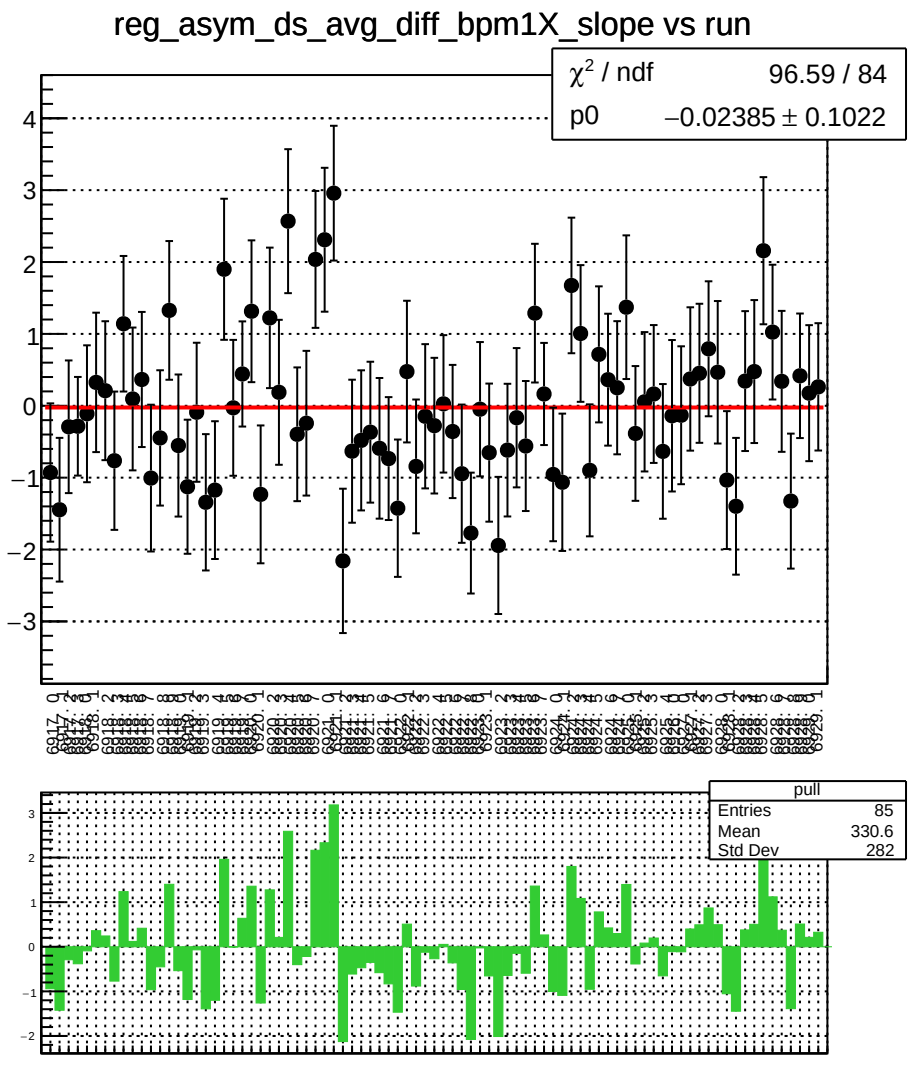

pull1D
Entries 85
Mean 0.001121
Std Dev 0.7951

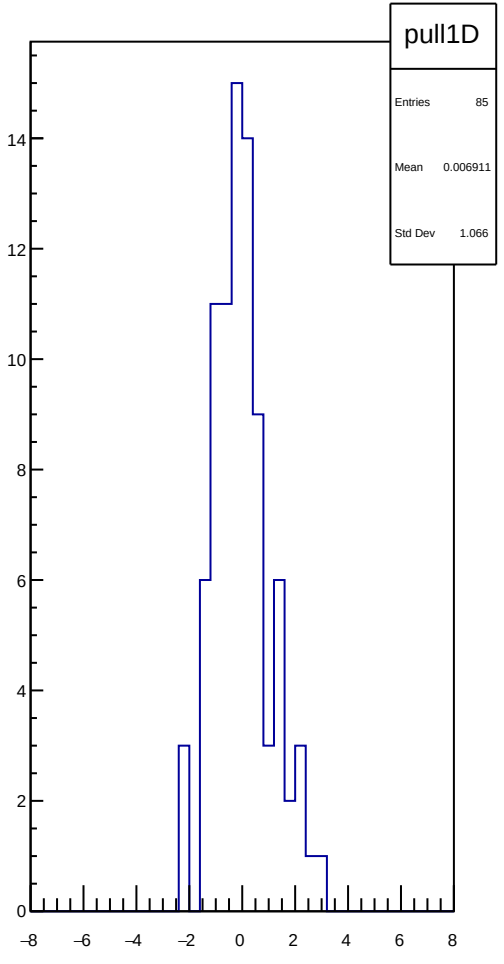

reg_asym_us_dd_diff_bpm4eY_slope vs run
χ² / ndf 48.3 / 84
p0 3.804 ± 0.9229
pull
Entries 85
Mean −243.2
Std Dev 277.5

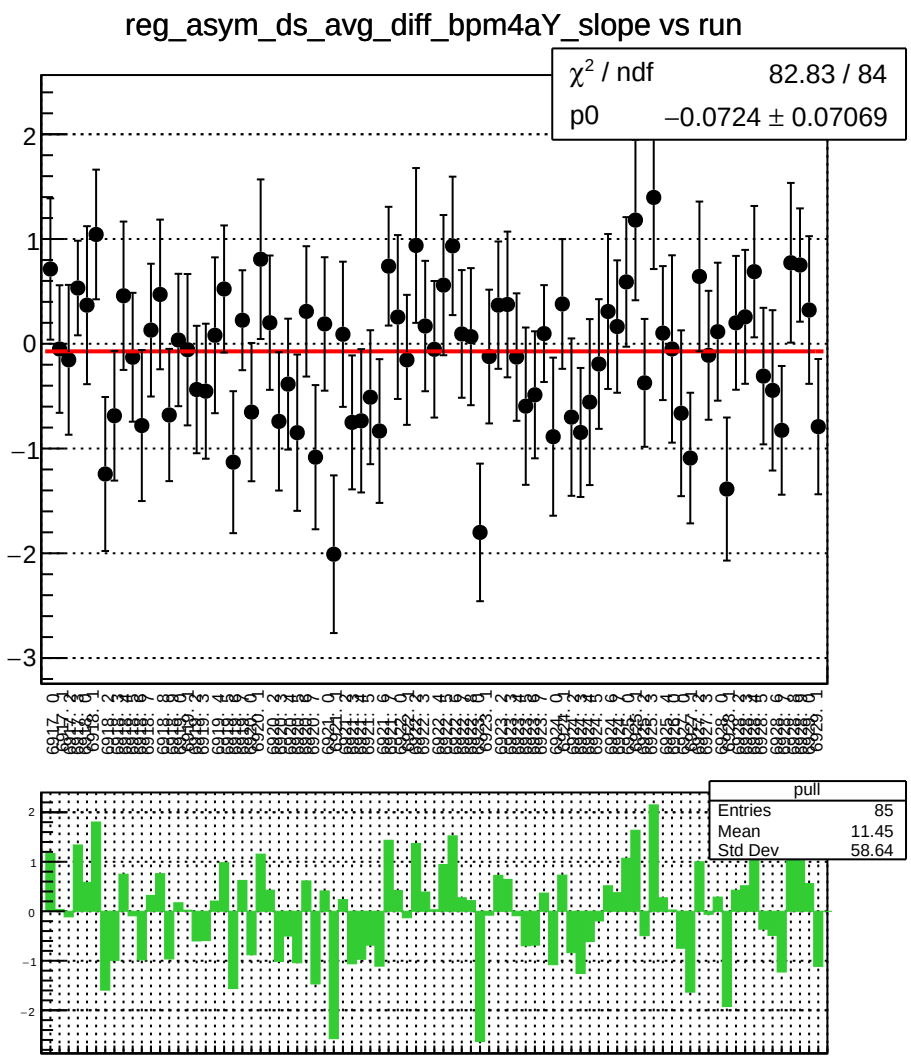

pull1D
Entries 85
Mean 0.007231
Std Dev 0.7538

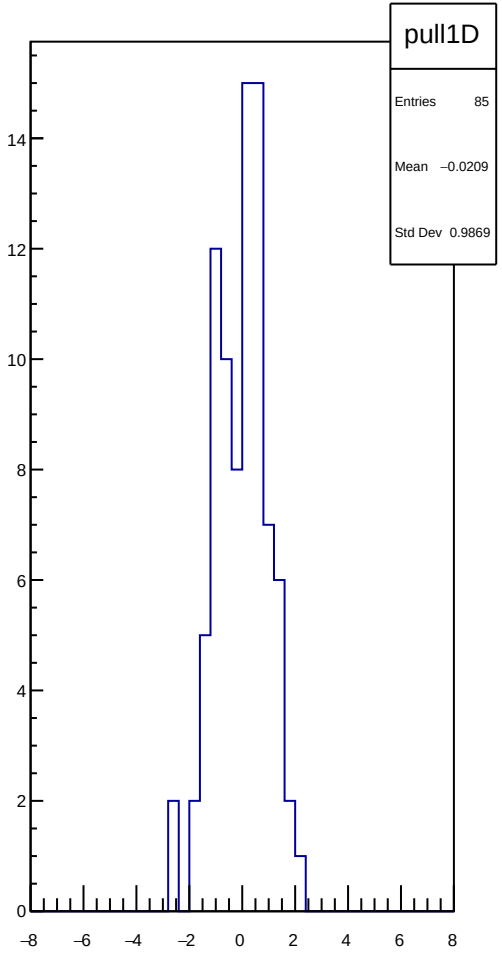

reg_asym_us_dd_diff_bpm12X_slope vs run
χ² / ndf 64.89 / 84
p0 −1.374 ± 0.03911
pull
Entries 85
Mean 1555
Std Dev 1513

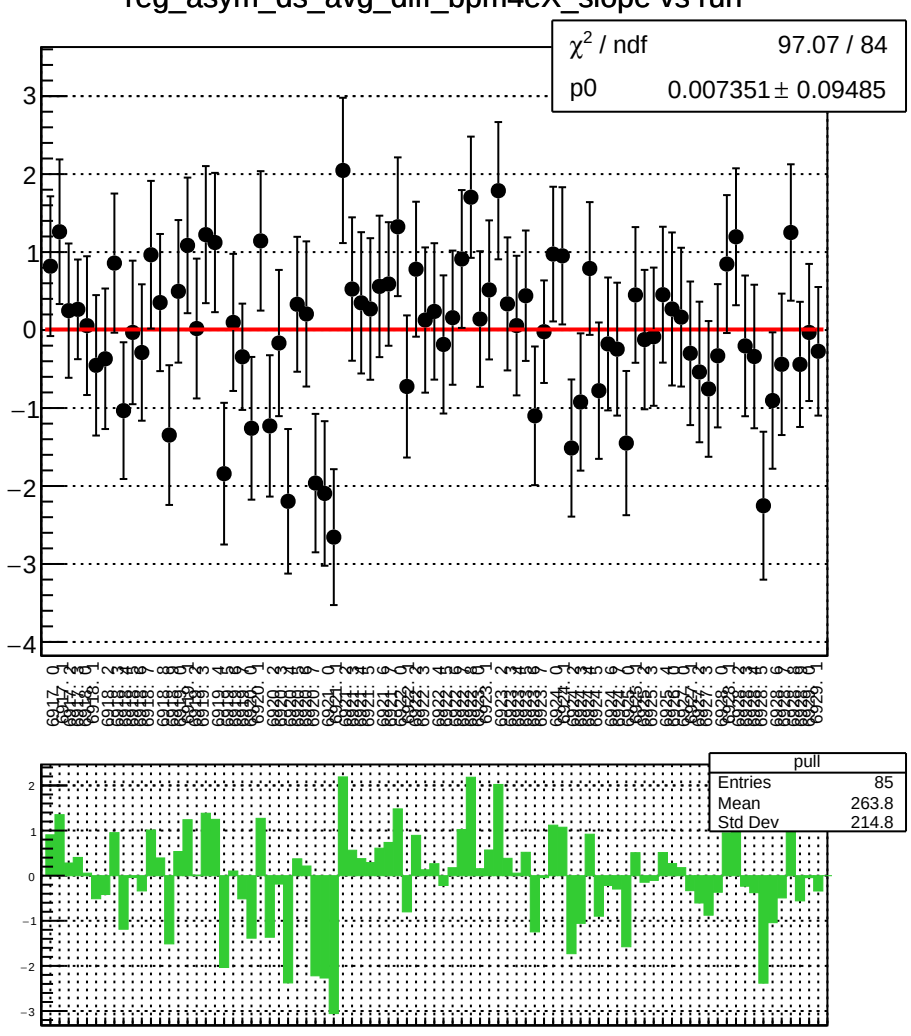

pull1D
Entries 85
Mean 0.00284
Std Dev 0.8737

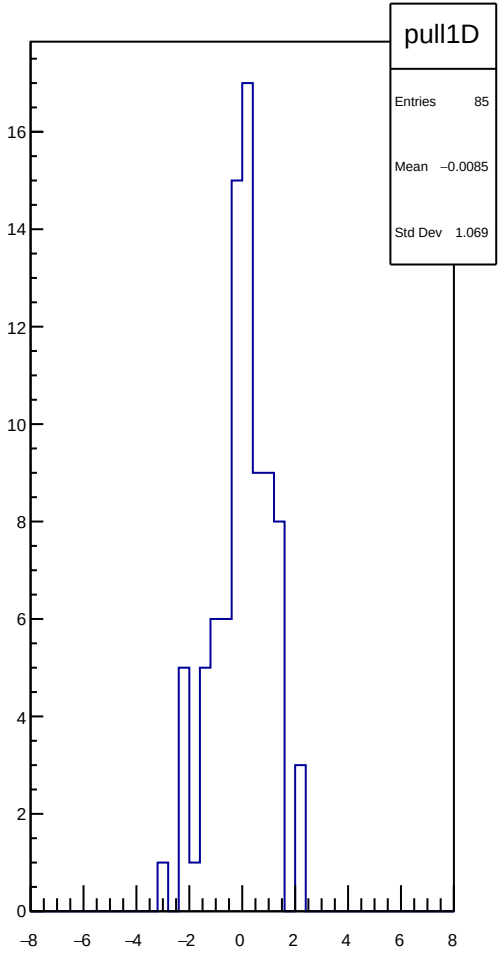

reg_asym_ds_avg_diff_bpm1X_slope vs run
χ^2 / ndf 96.59 / 84
p0 −0.02385 ± 0.1022
pull
Entries 85
Mean 330.6
Std Dev 282

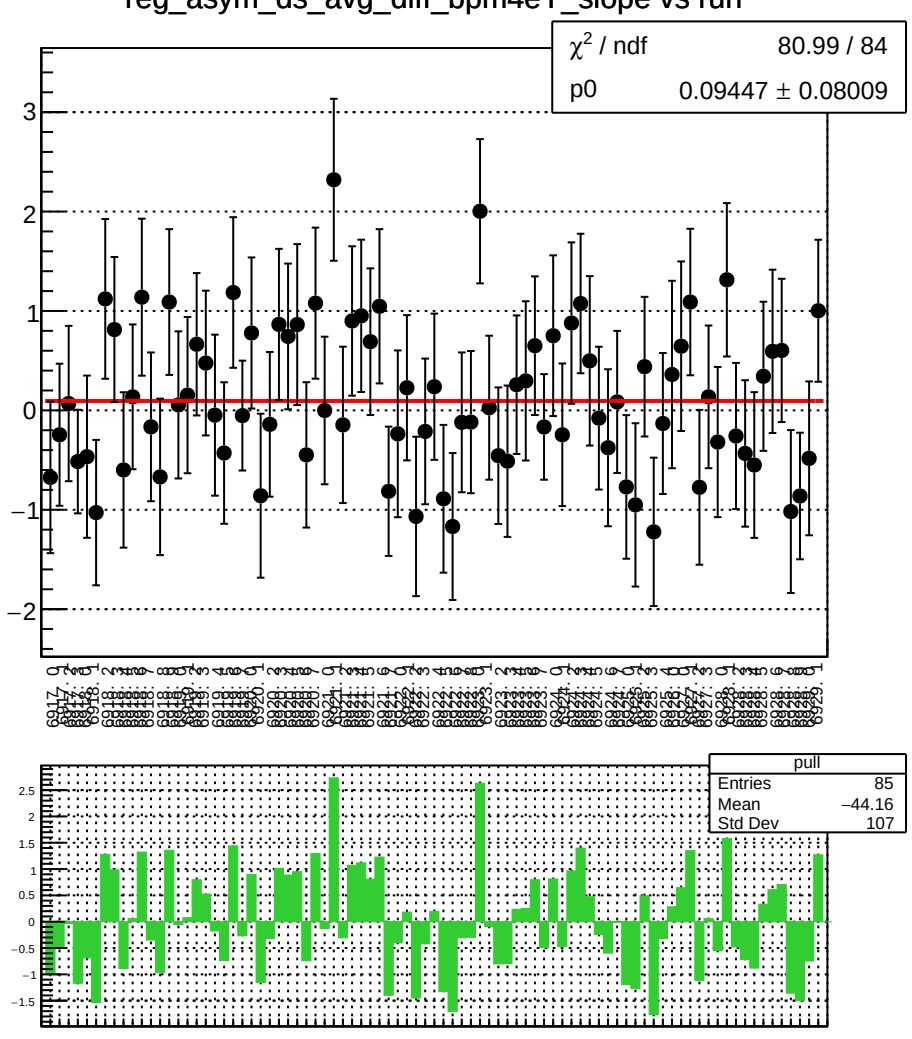

pull1D
Entries 85
Mean 0.006911
Std Dev 1.066

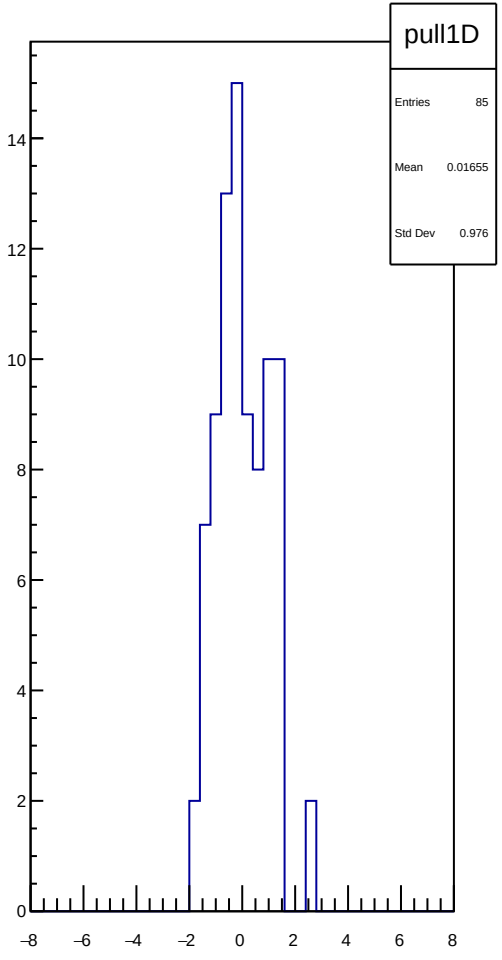

reg_asym_ds_avg_diff_bpm4aY_slope vs run
χ² / ndf 82.83 / 84
p0 −0.0724 ± 0.07069
pull
Entries 85
Mean 11.45
Std Dev 58.64

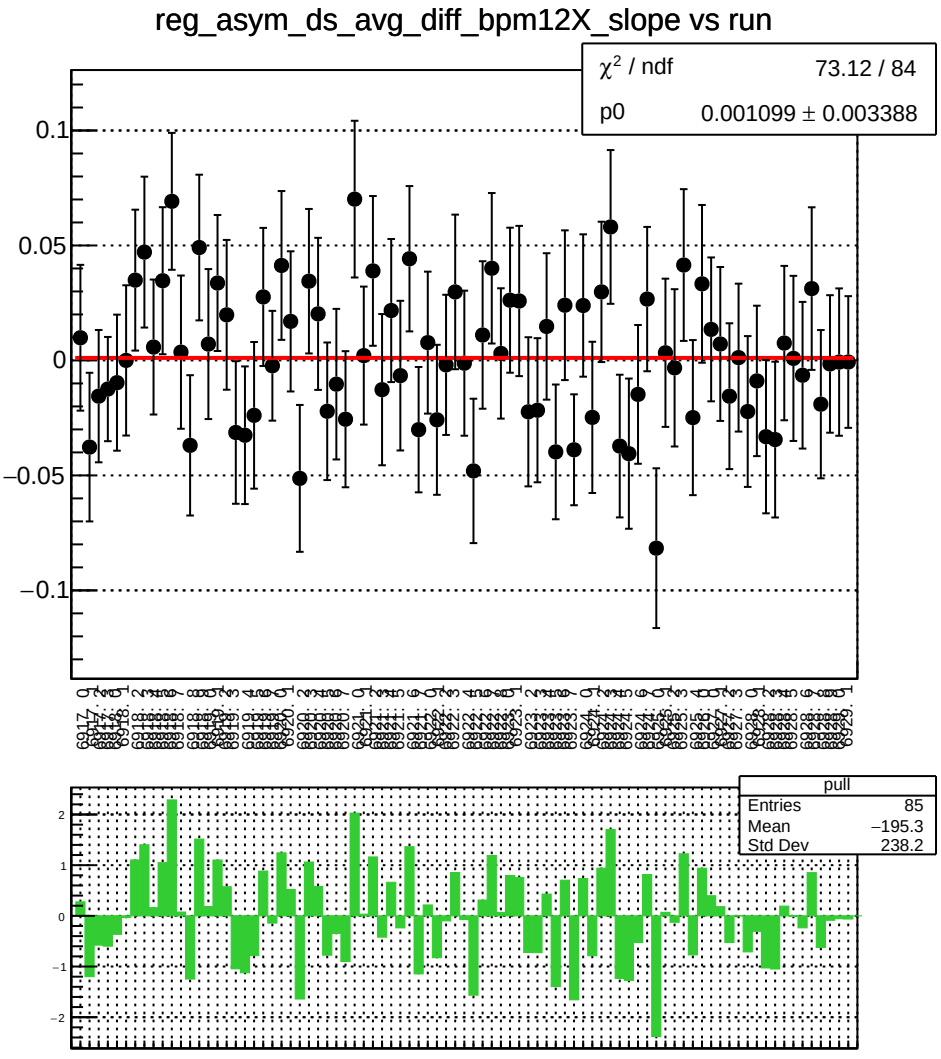

pull1D
Entries 85
Mean −0.0209
Std Dev 0.9869

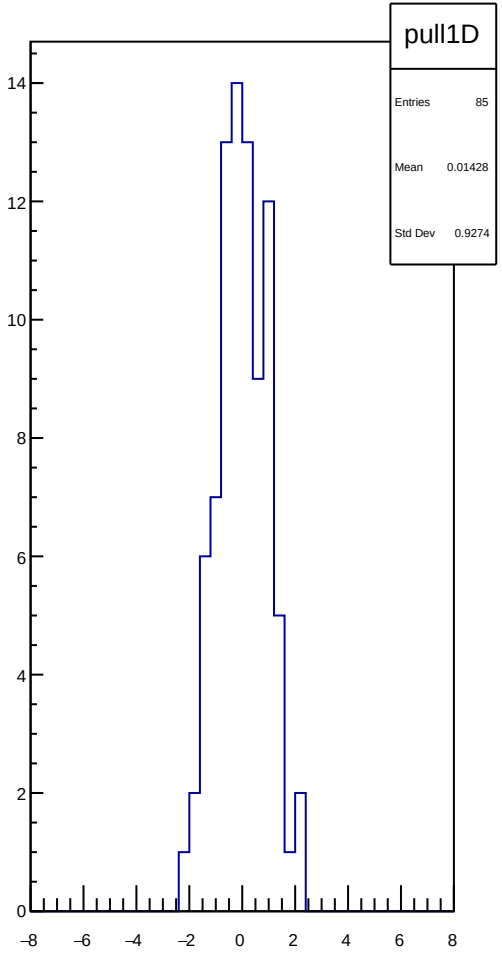

reg_asym_ds_avg_diff_bpm4eX_slope vs run
χ² / ndf 97.07 / 84
p0 0.007351 ± 0.09485
pull
Entries 85
Mean 263.8
Std Dev 214.8

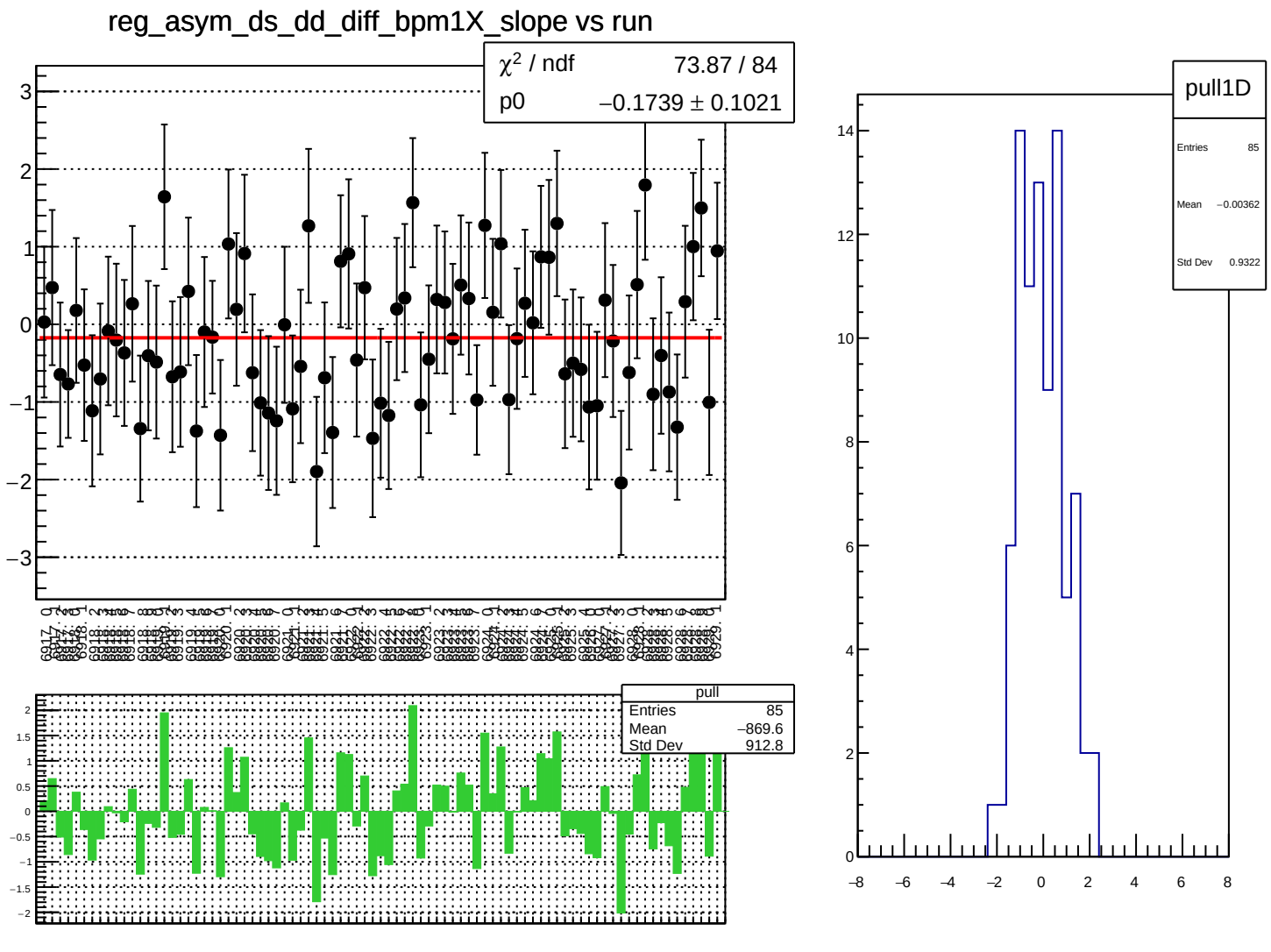

pull1D
Entries 85
Mean −0.0085
Std Dev 1.069

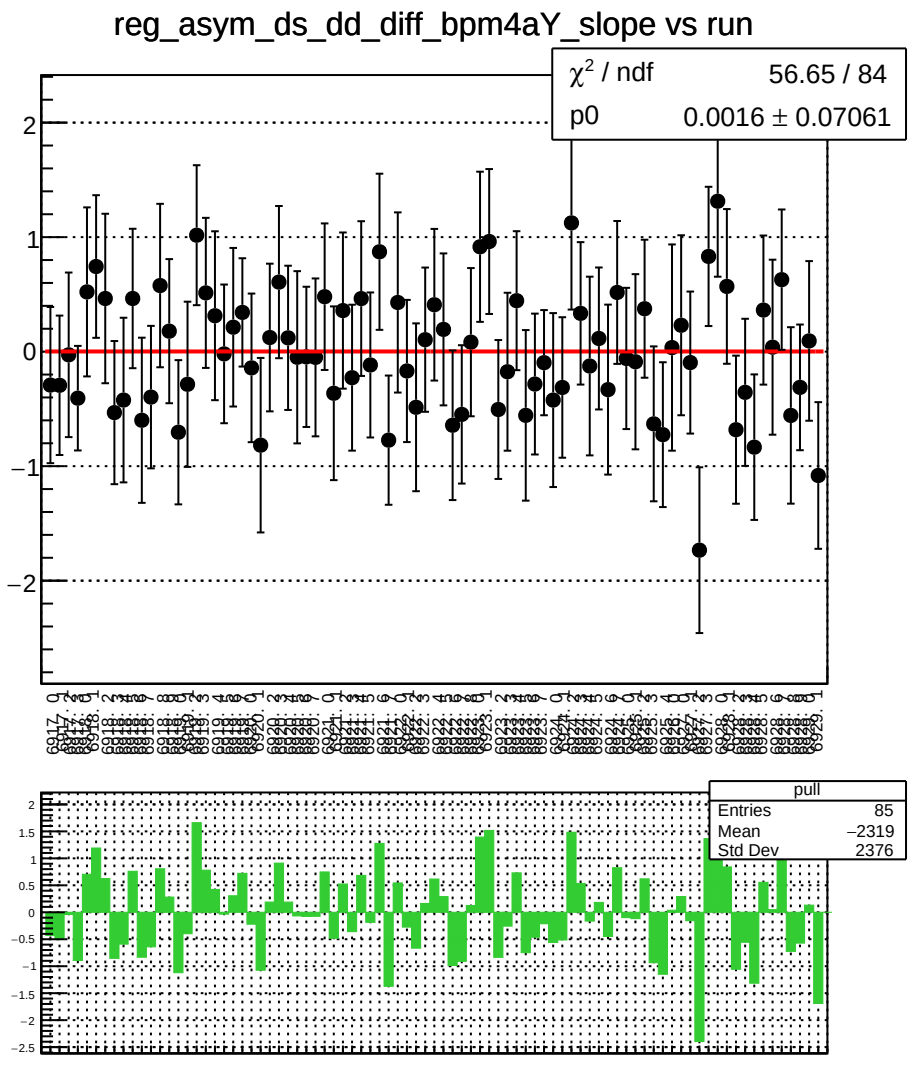

reg_asym_ds_avg_diff_bpm4eY_slope vs run
χ² / ndf 80.99 / 84
p0 0.09447 ± 0.08009
pull
Entries 85
Mean −44.16
Std Dev 107

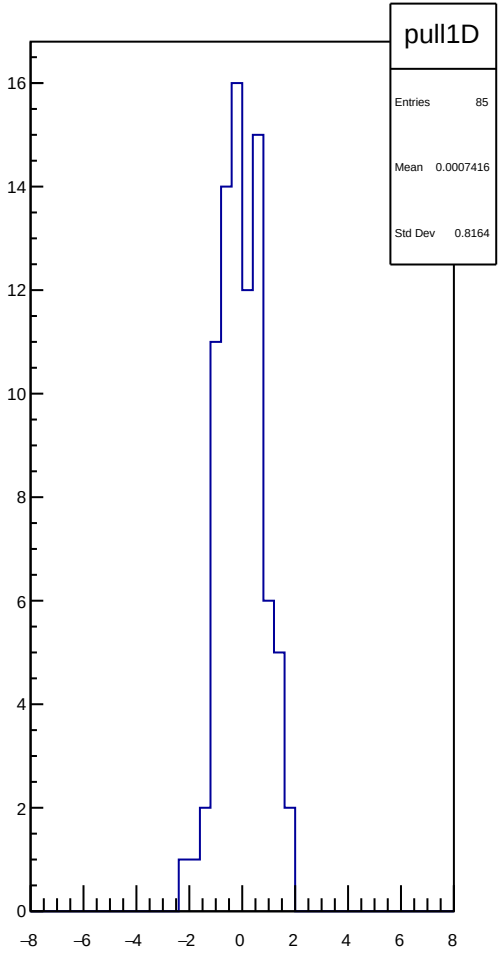

pull1D
Entries 85
Mean 0.01655
Std Dev 0.976

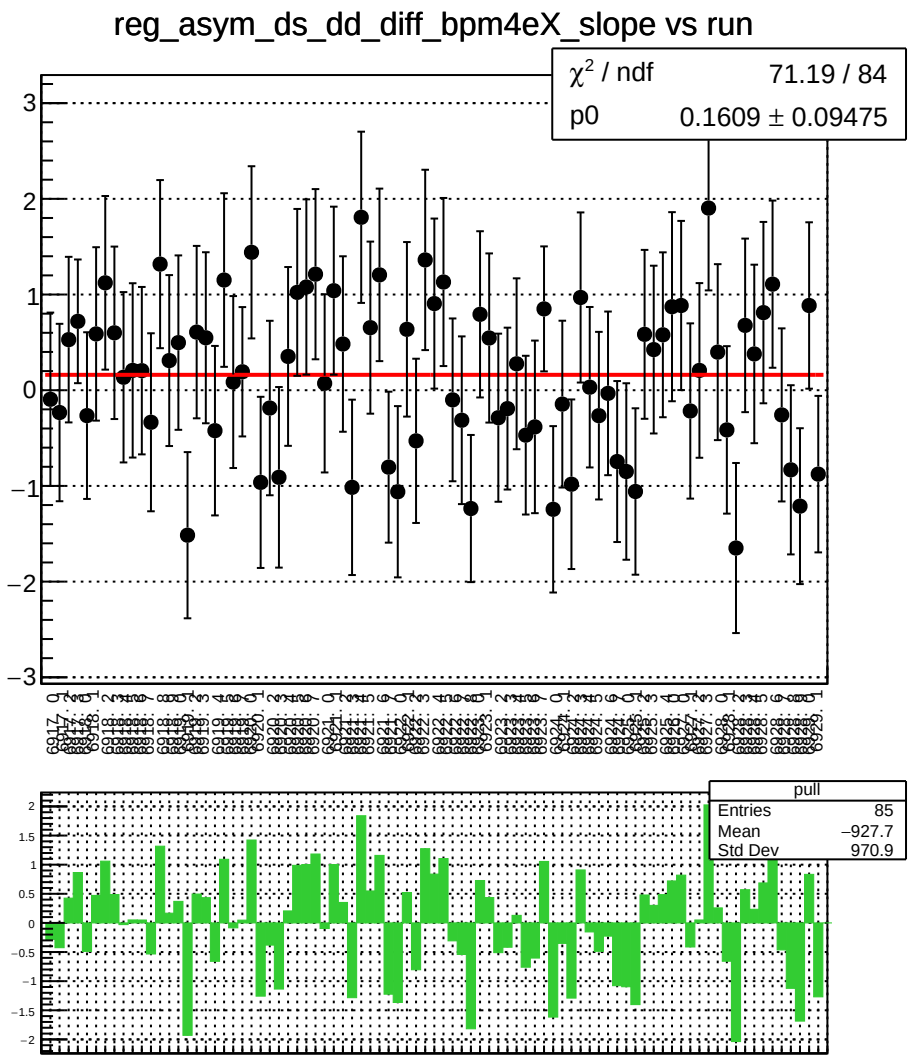

reg_asym_ds_avg_diff_bpm12X_slope vs run
χ² / ndf 73.12 / 84
p0 0.001099 ± 0.003388
pull
Entries 85
Mean −195.3
Std Dev 238.2

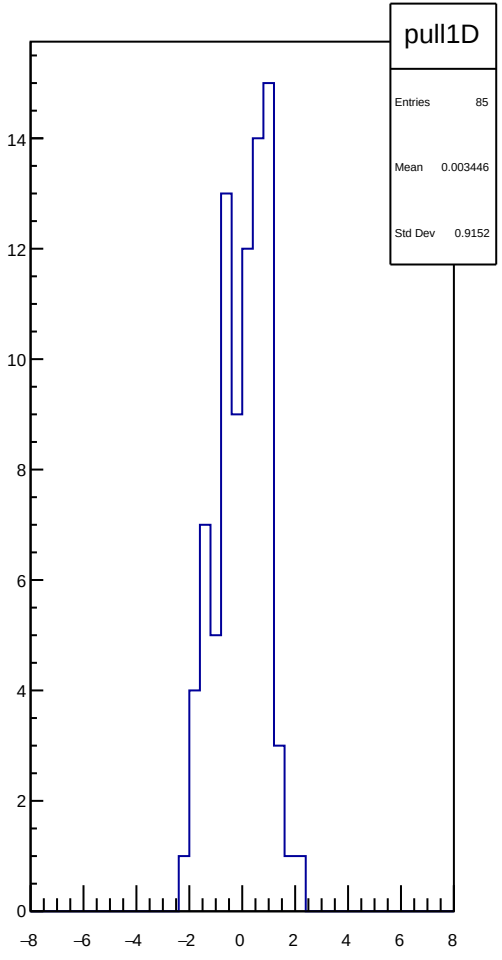

pull1D
Entries 85
Mean 0.01428
Std Dev 0.9274

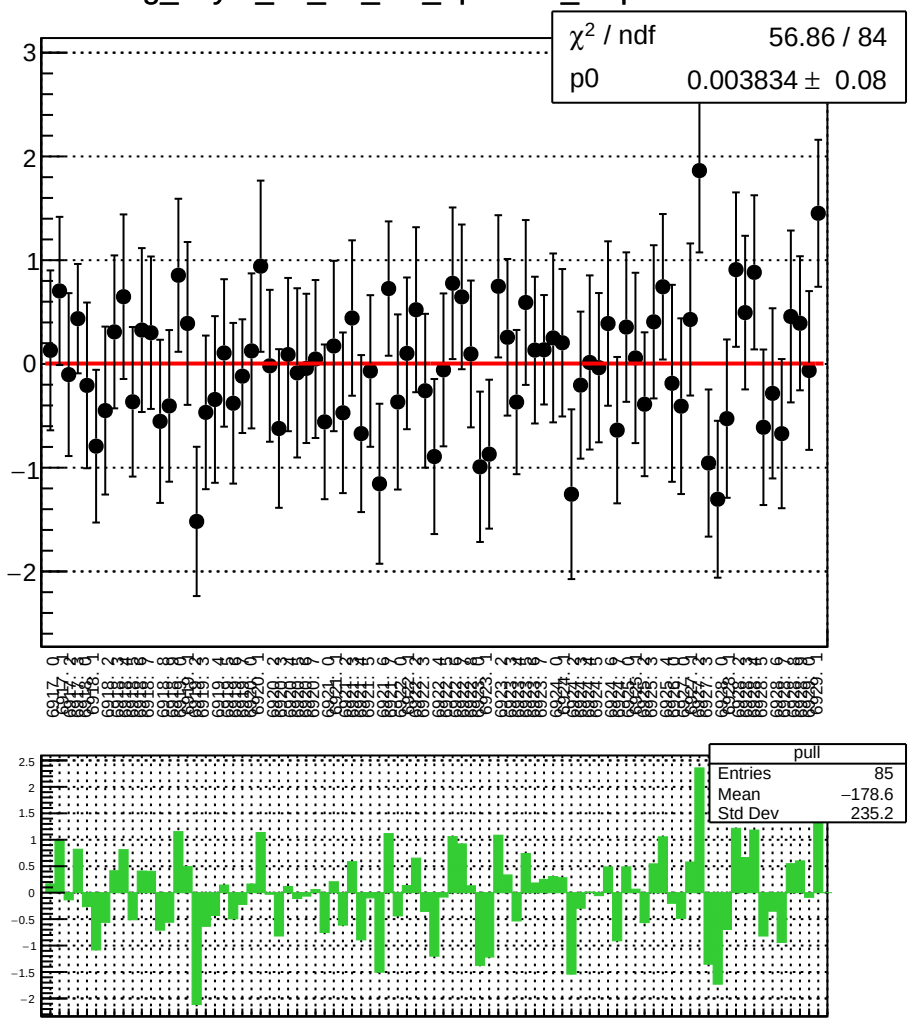

reg_asym_ds_dd_diff_bpm1X_slope vs run
χ² / ndf 73.87 / 84
p0 −0.1739 ± 0.1021
pull
Entries 85
Mean −869.6
Std Dev 912.8
pull1D
Entries 85
Mean −0.00362
Std Dev 0.9322

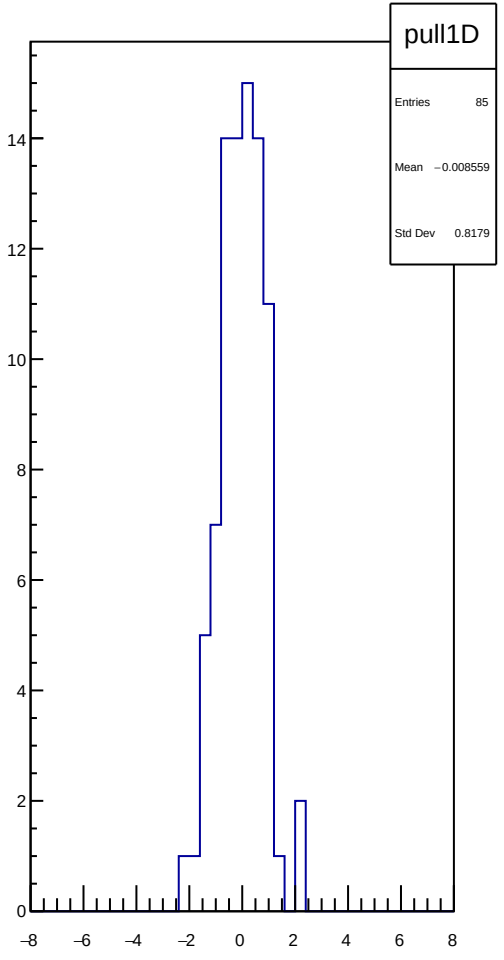

reg_asym_ds_dd_diff_bpm4aY_slope vs run
χ² / ndf 56.65 / 84
p0 0.0016 ± 0.07061
pull
Entries 85
Mean −2319
Std Dev 2376

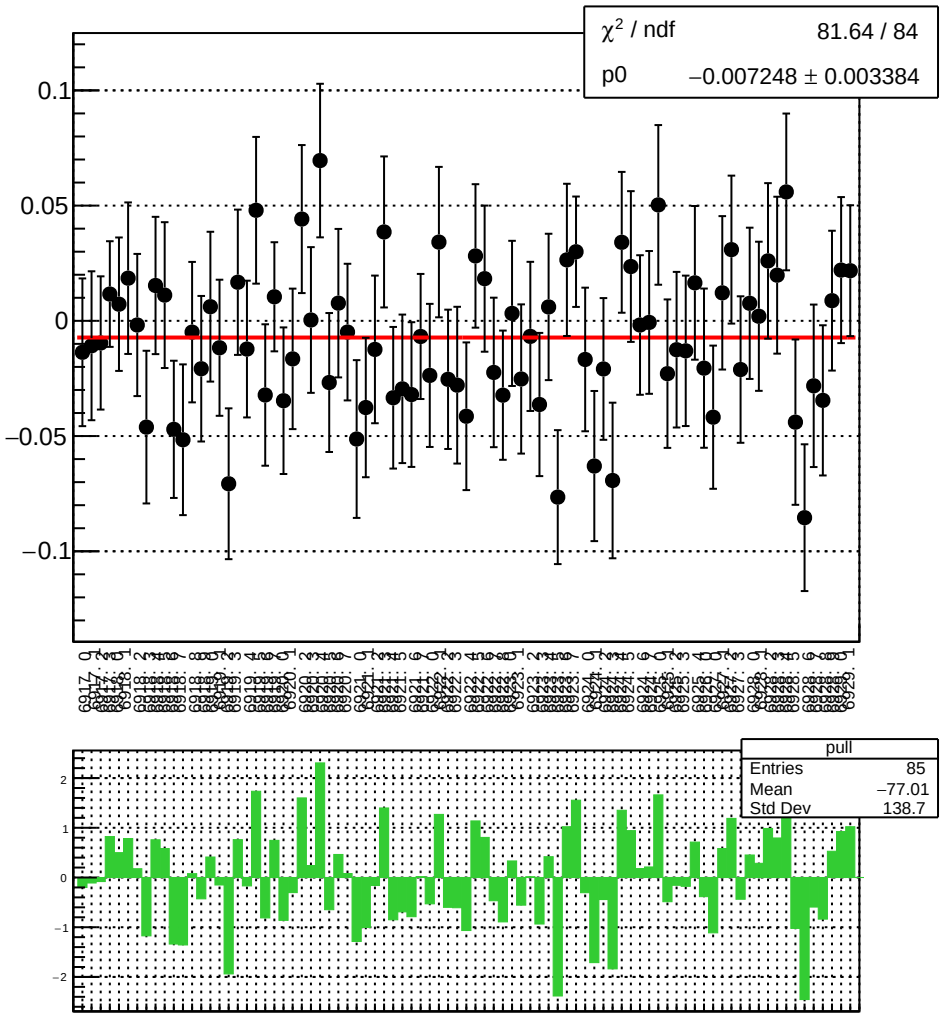

pull1D
Entries 85
Mean 0.0007416
Std Dev 0.8164

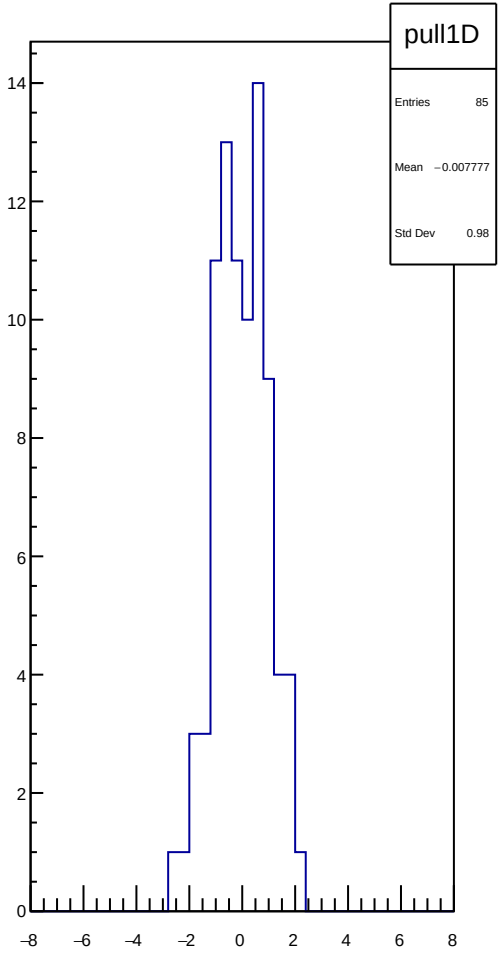

reg_asym_ds_dd_diff_bpm4eX_slope vs run
χ² / ndf 71.19 / 84
p0 0.1609 ± 0.09475
pull
Entries 85
Mean −927.7
Std Dev 970.9

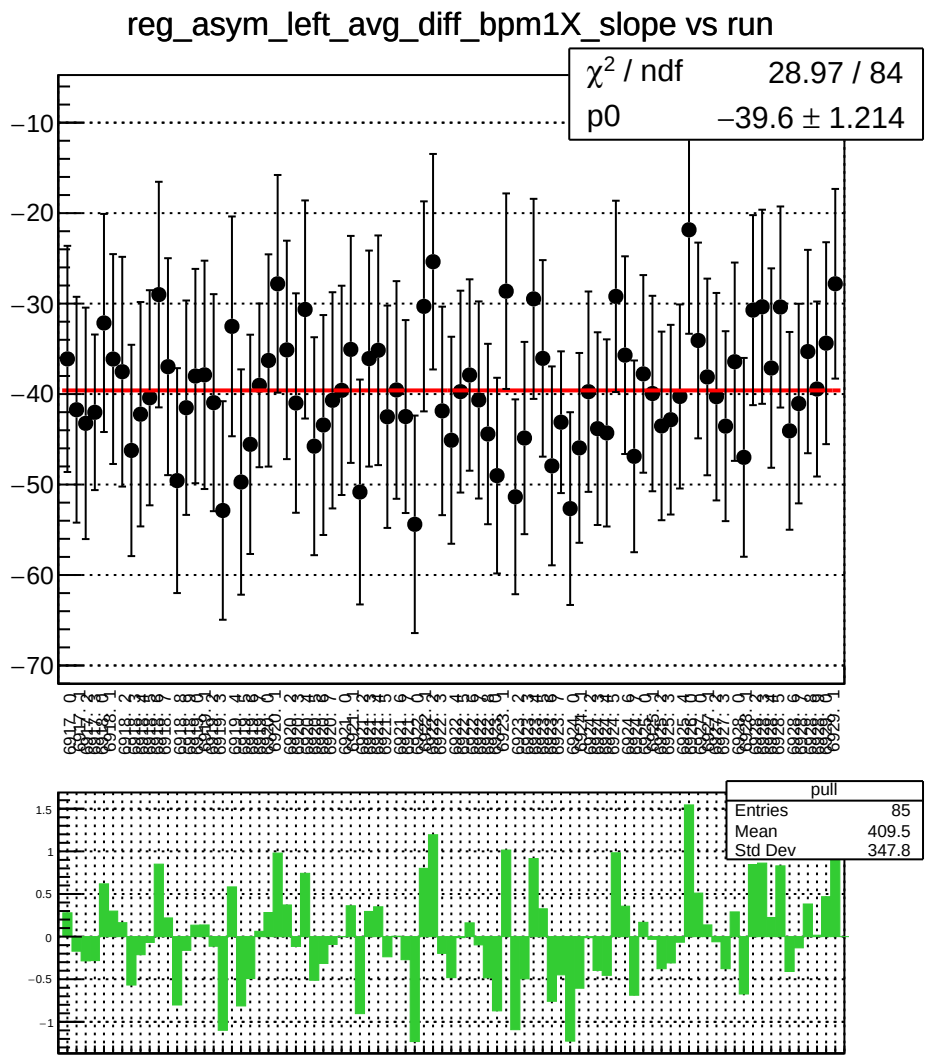

pull1D
Entries 85
Mean 0.003446
Std Dev 0.9152

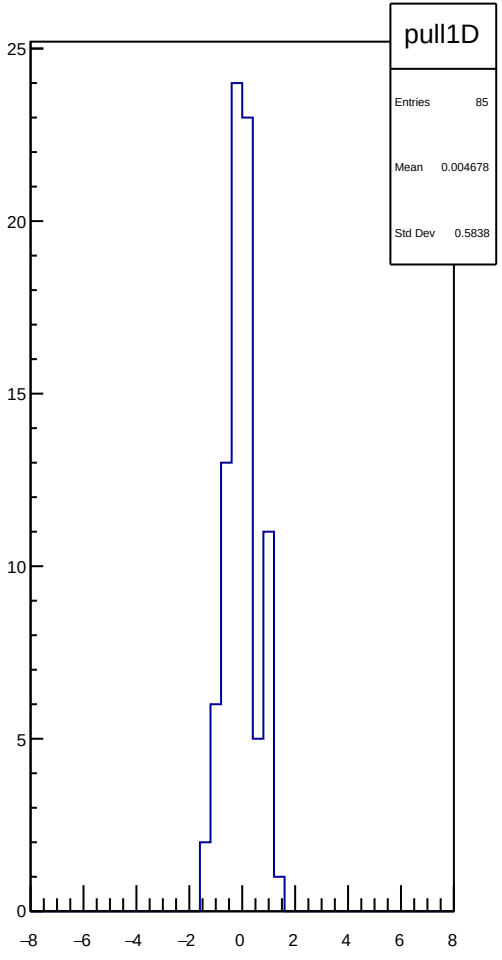

reg_asym_ds_dd_diff_bpm4eY_slope vs run
χ² / ndf 56.86 / 84
p0 0.003834 ± 0.08
pull
Entries 85
Mean −178.6
Std Dev 235.2

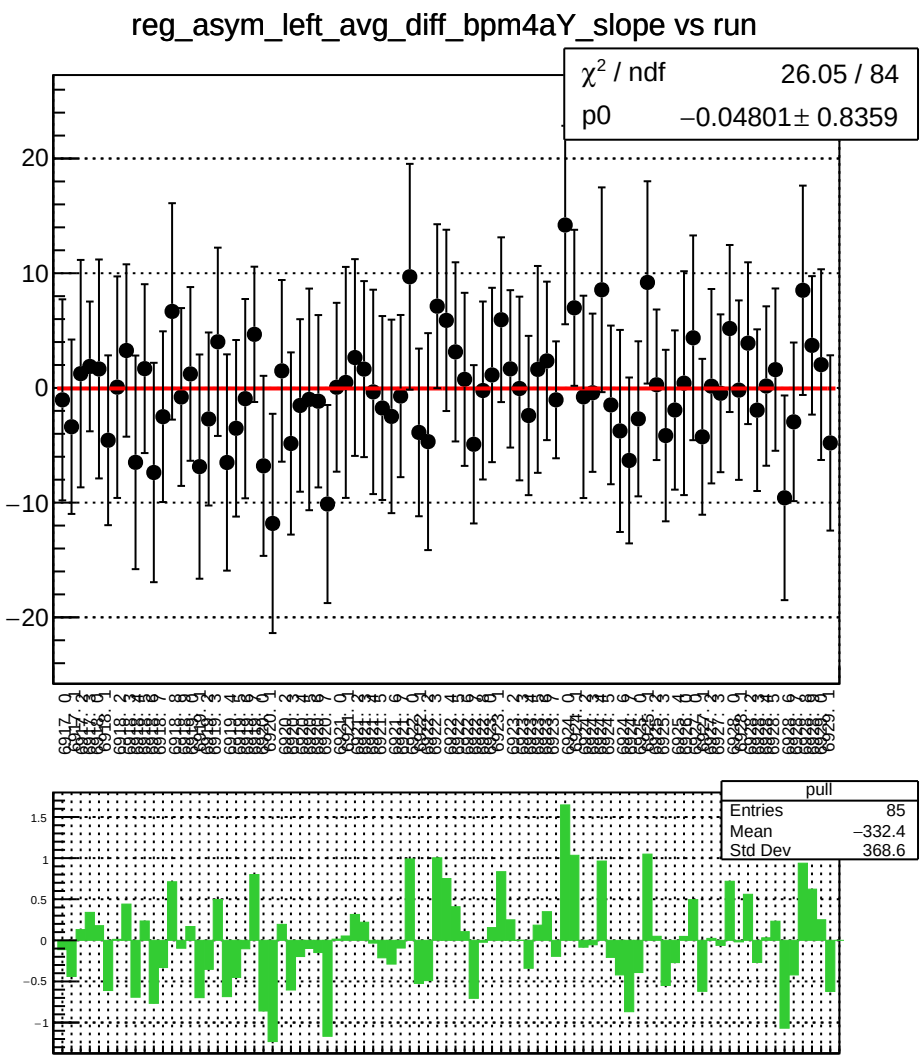

pull1D
Entries 85
Mean −0.008559
Std Dev 0.8179

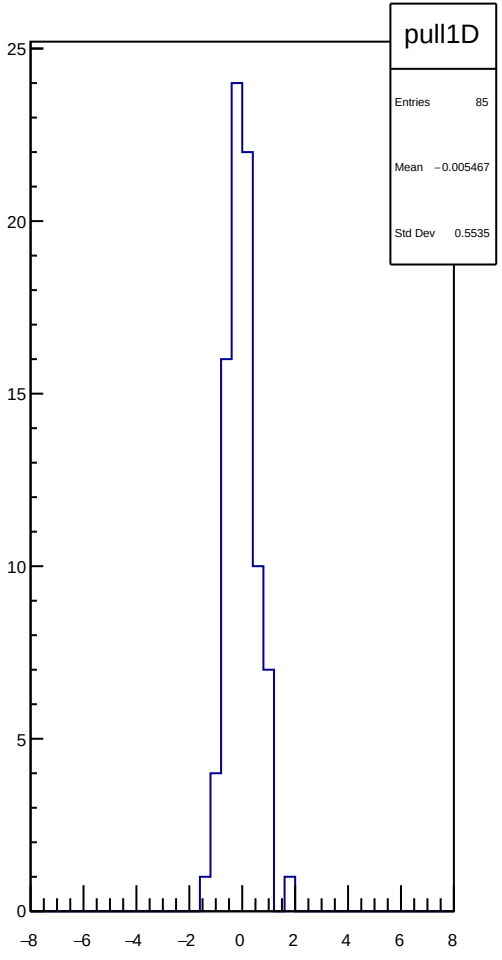

reg_asym_ds_dd_diff_bpm12X_slope vs run
χ² / ndf 81.64 / 84
p0 −0.007248 ± 0.003384
pull
Entries 85
Mean −77.01
Std Dev 138.7

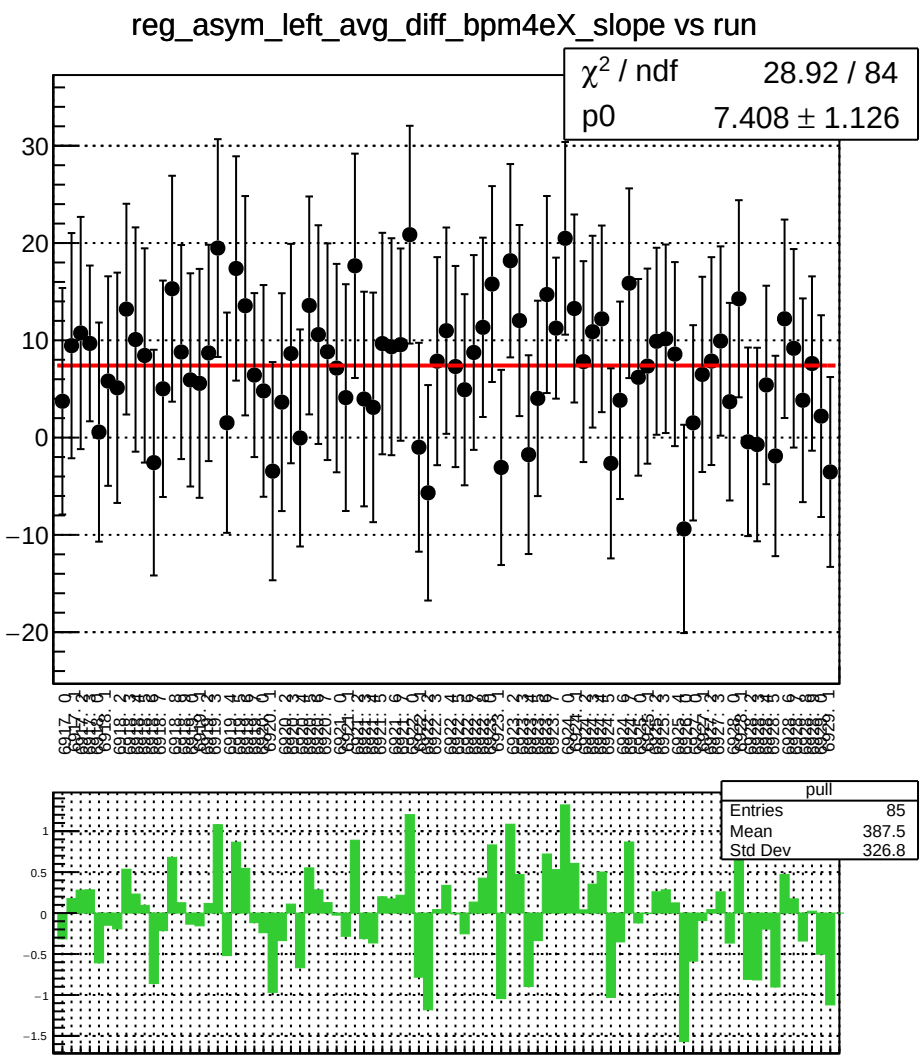

pull1D
Entries 85
Mean −0.007777
Std Dev 0.98

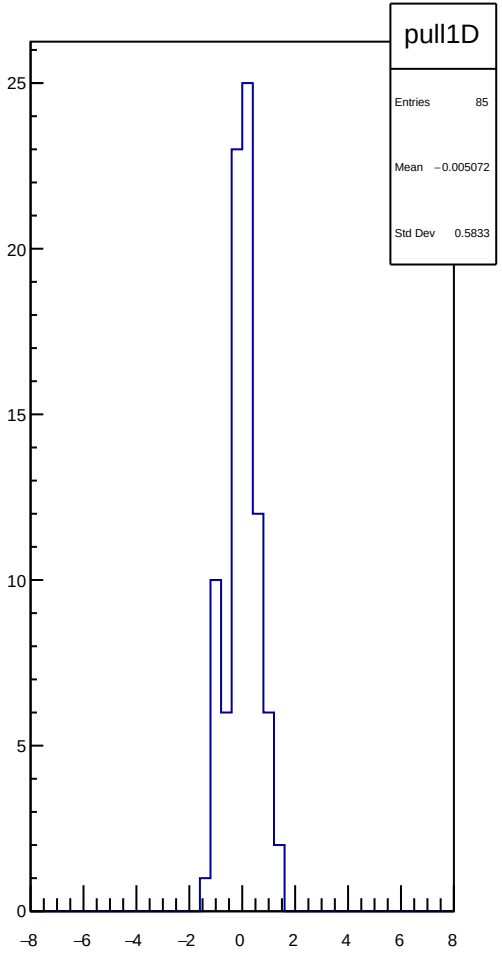

reg_asym_left_avg_diff_bpm1X_slope vs run
χ² / ndf 28.97 / 84
p0 −39.6 ± 1.214
pull
Entries 85
Mean 409.5
Std Dev 347.8

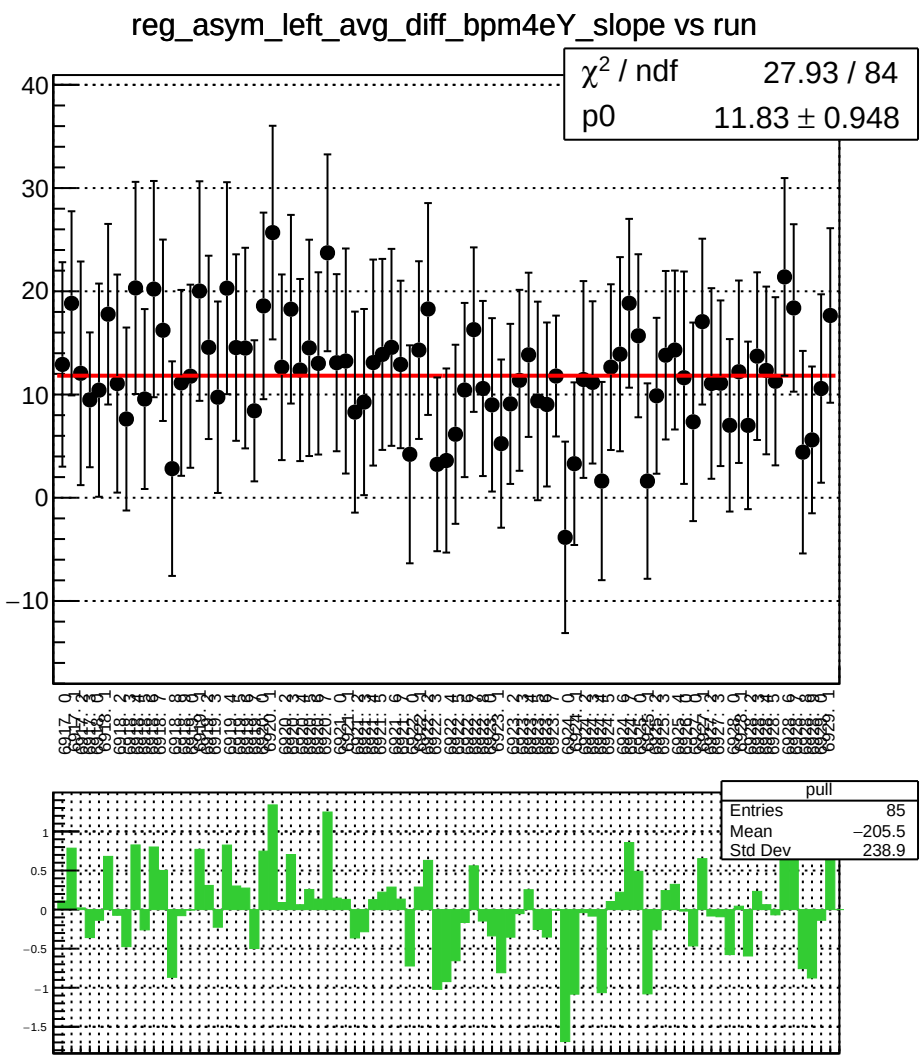

pull1D
Entries 85
Mean 0.004678
Std Dev 0.5838

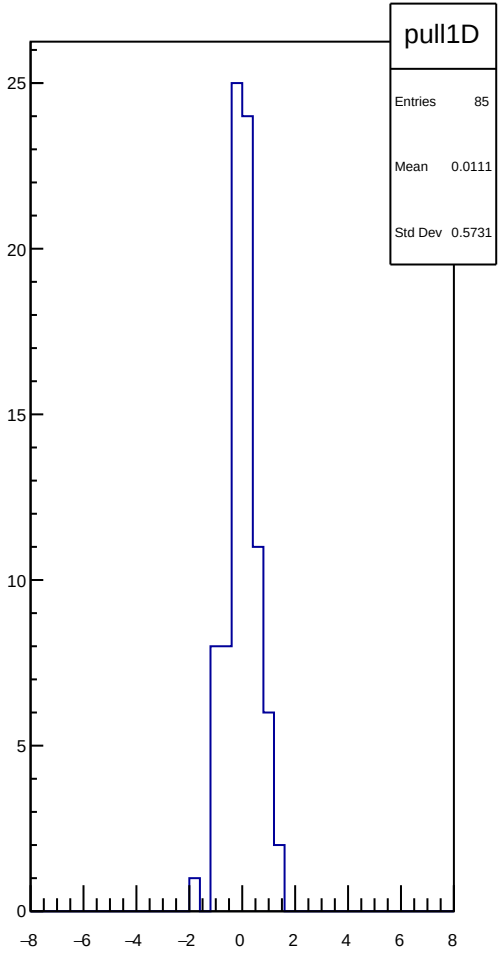

reg_asym_left_avg_diff_bpm4aY_slope vs run
χ² / ndf 26.05 / 84
p0 −0.04801± 0.8359
pull
Entries 85
Mean −332.4
Std Dev 368.6

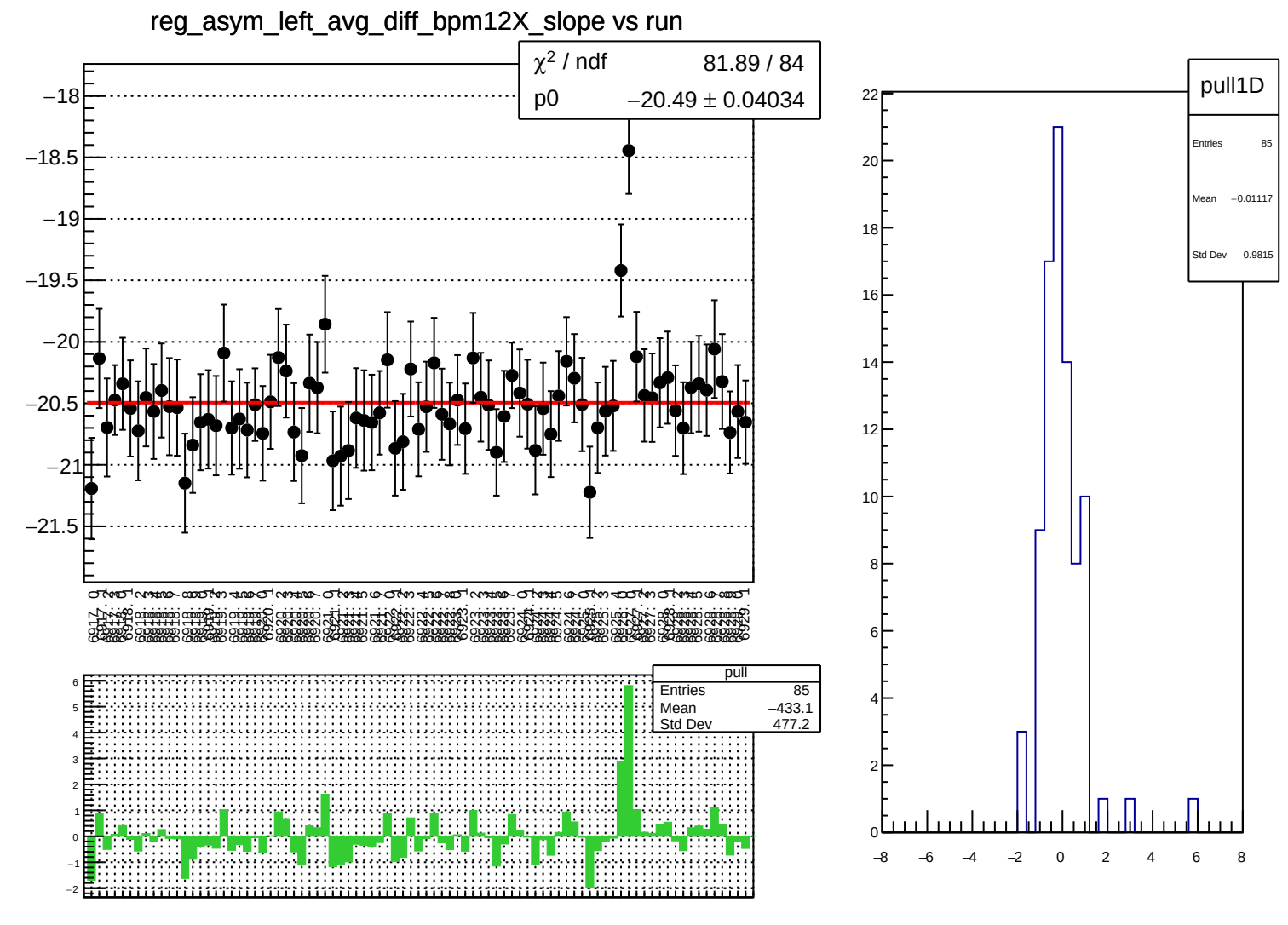

pull1D
Entries 85
Mean −0.005467
Std Dev 0.5535

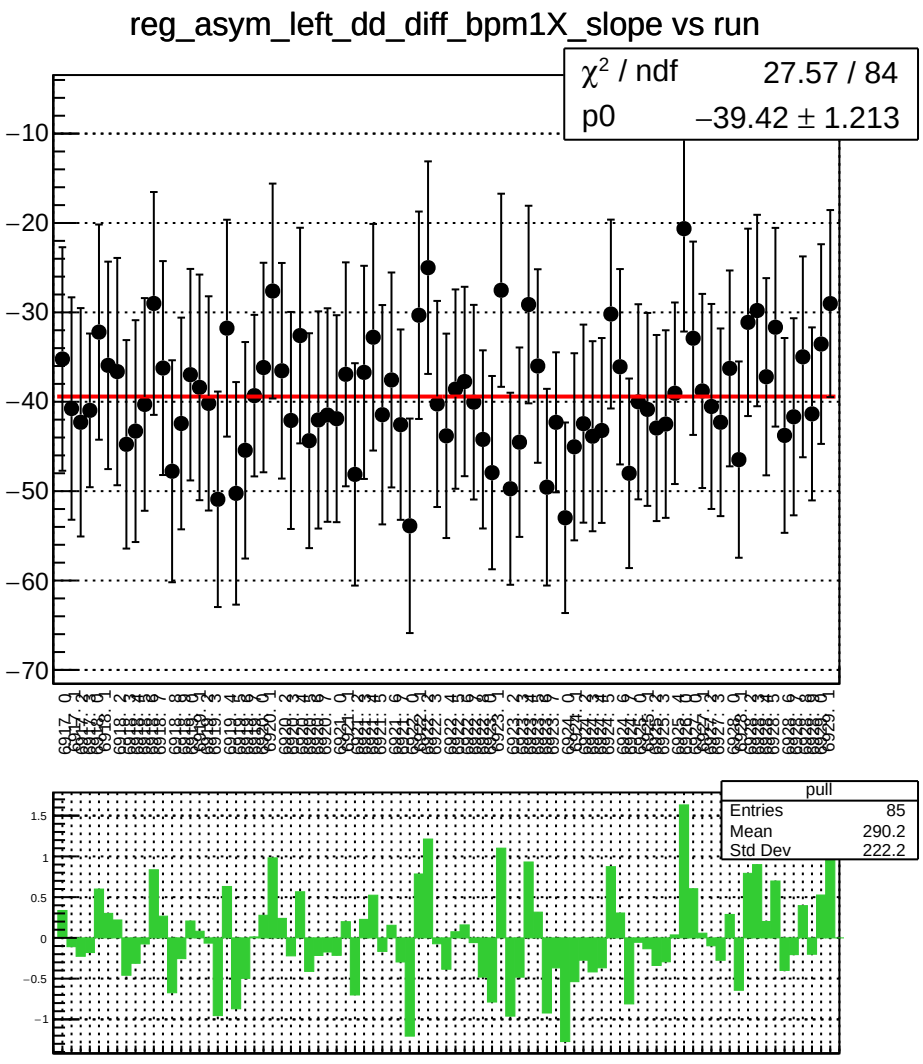

reg_asym_left_avg_diff_bpm4eX_slope vs run
χ² / ndf 28.92 / 84
p0 7.408 ± 1.126
pull
Entries 85
Mean 387.5
Std Dev 326.8

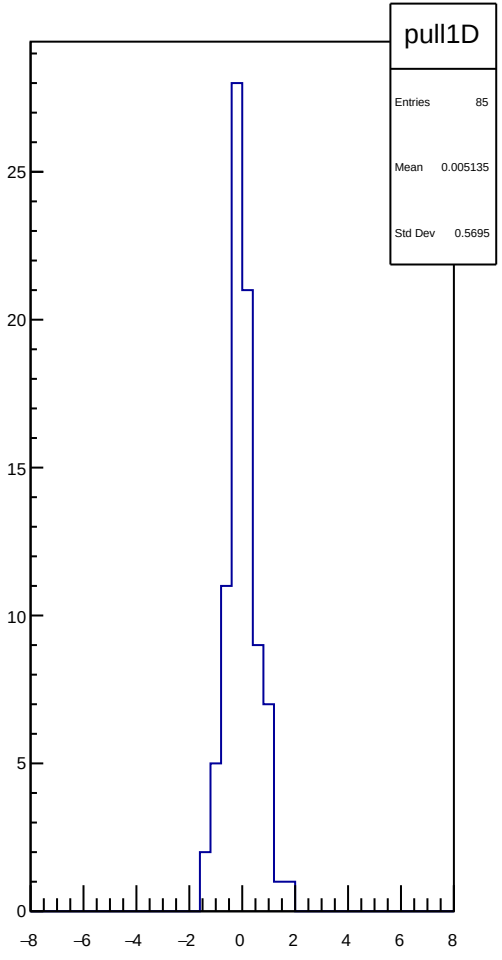

pull1D
Entries 85
Mean −0.005072
Std Dev 0.5833

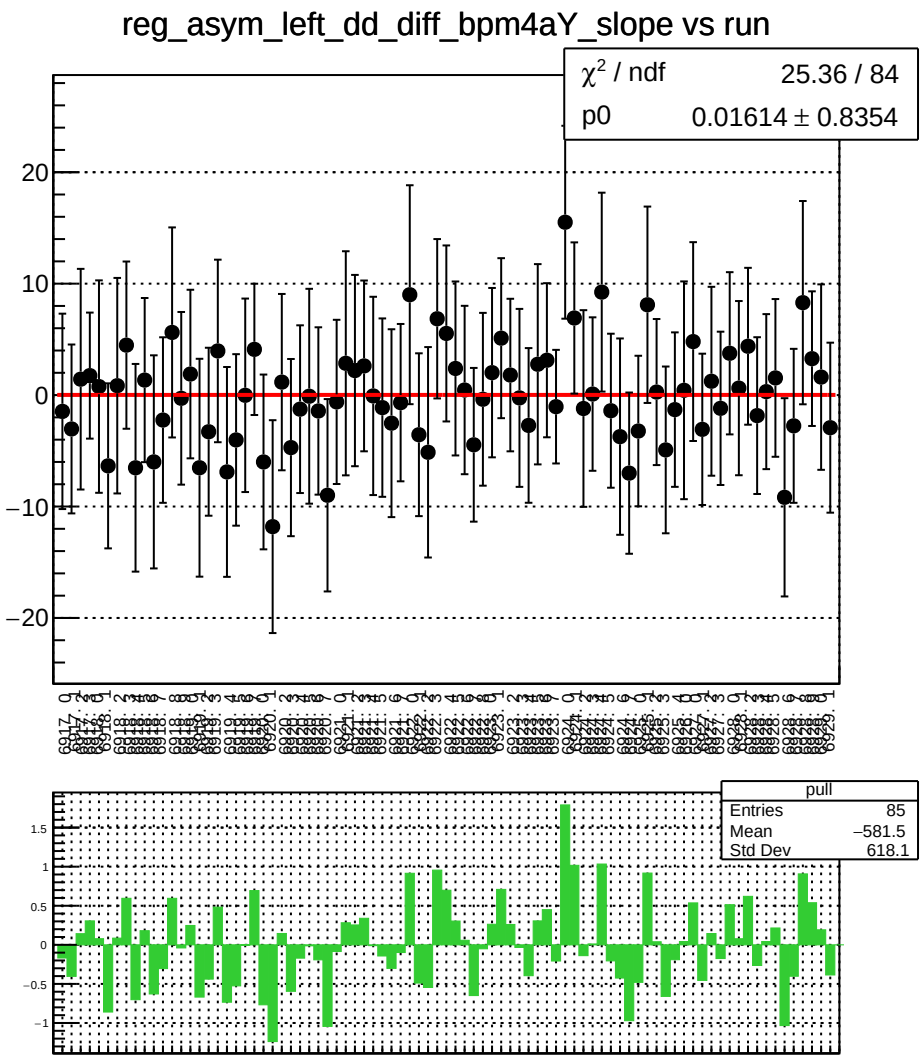

reg_asym_left_avg_diff_bpm4eY_slope vs run
χ² / ndf 27.93 / 84
p0 11.83 ± 0.948
pull
Entries 85
Mean −205.5
Std Dev 238.9

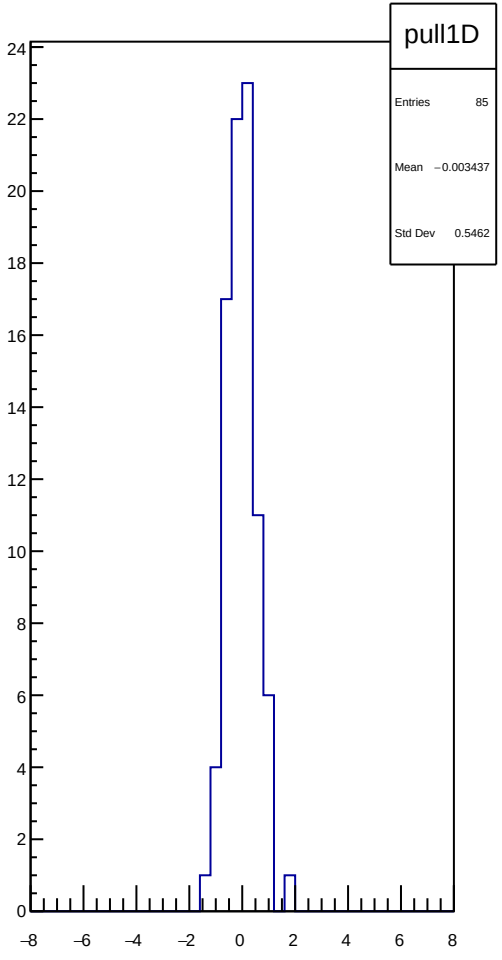

pull1D
Entries 85
Mean 0.0111
Std Dev 0.5731

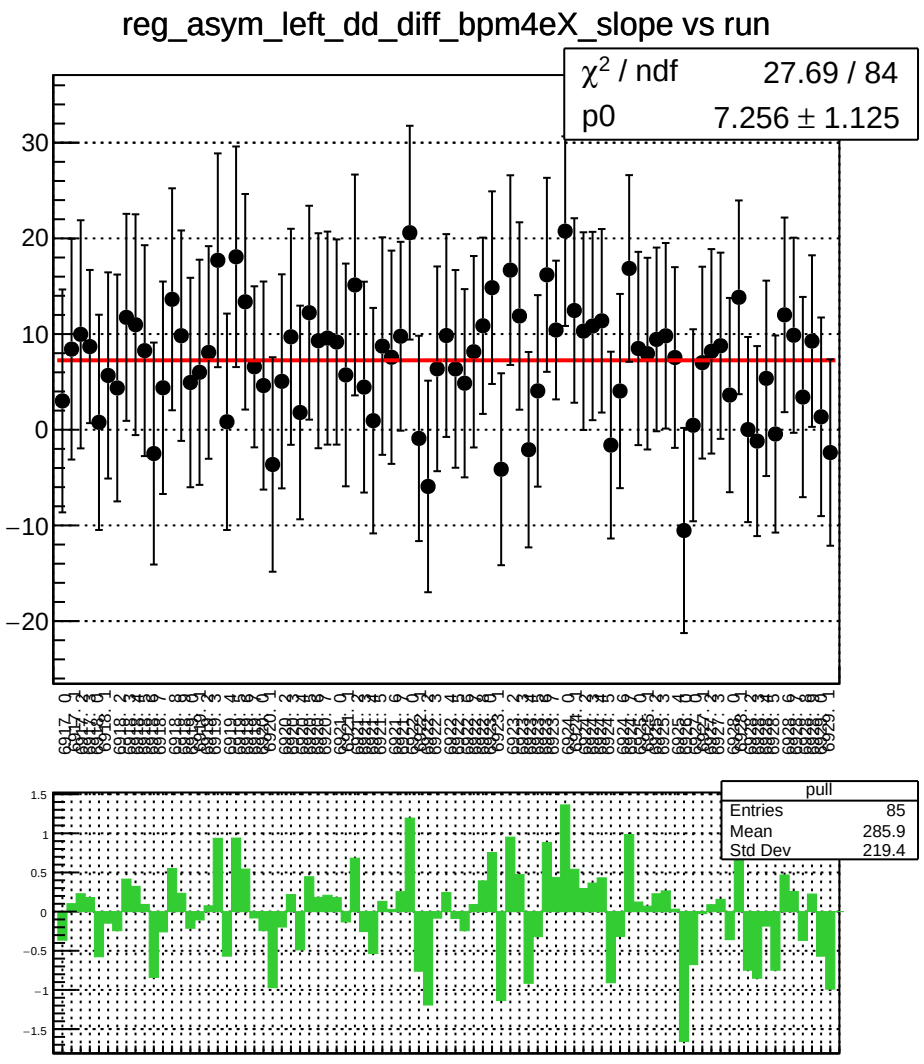

reg_asym_left_avg_diff_bpm12X_slope vs run
χ² / ndf 81.89 / 84
p0 −20.49 ± 0.04034
pull
Entries 85
Mean −433.1
Std Dev 477.2
pull1D
Entries 85
Mean −0.01117
Std Dev 0.9815

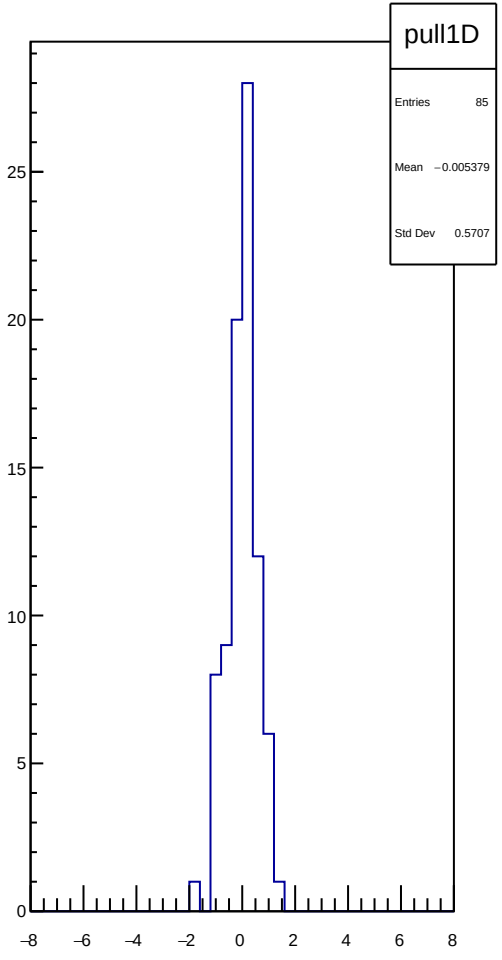

reg_asym_left_dd_diff_bpm1X_slope vs run
χ² / ndf 27.57 / 84
p0 −39.42 ± 1.213
pull
Entries 85
Mean 290.2
Std Dev 222.2

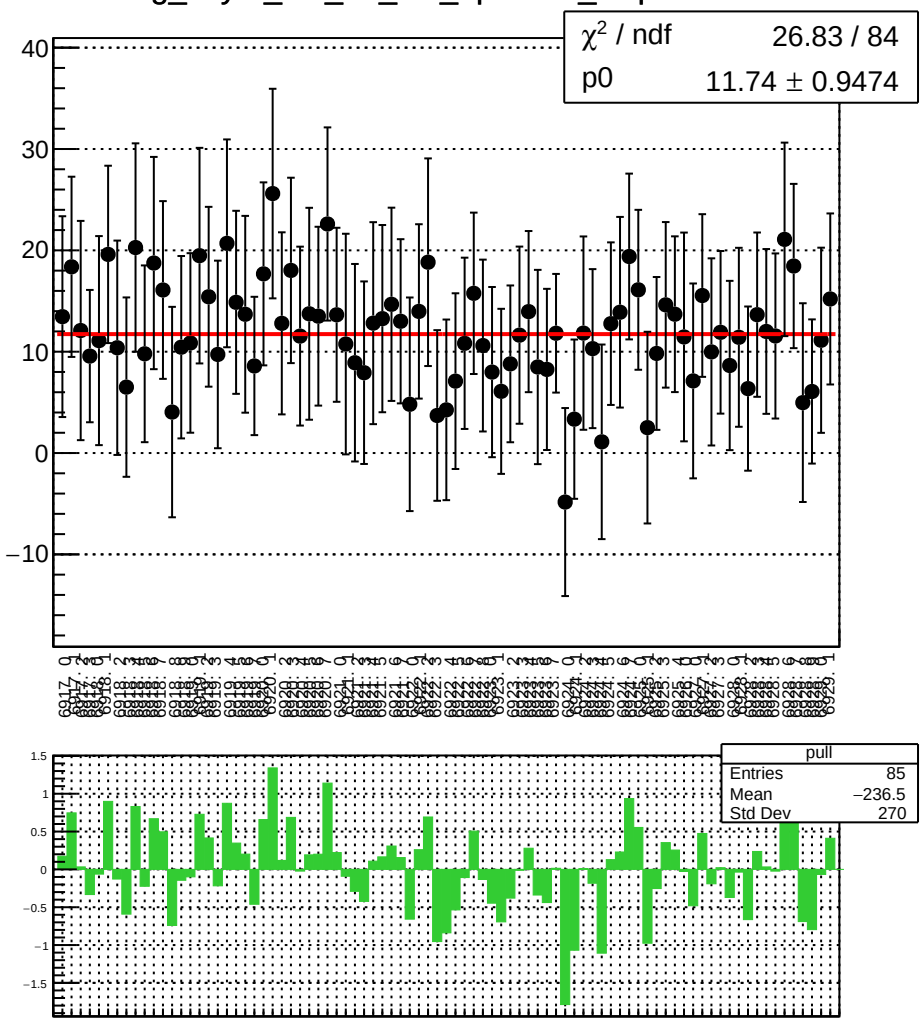

pull1D
Entries 85
Mean 0.005135
Std Dev 0.5695

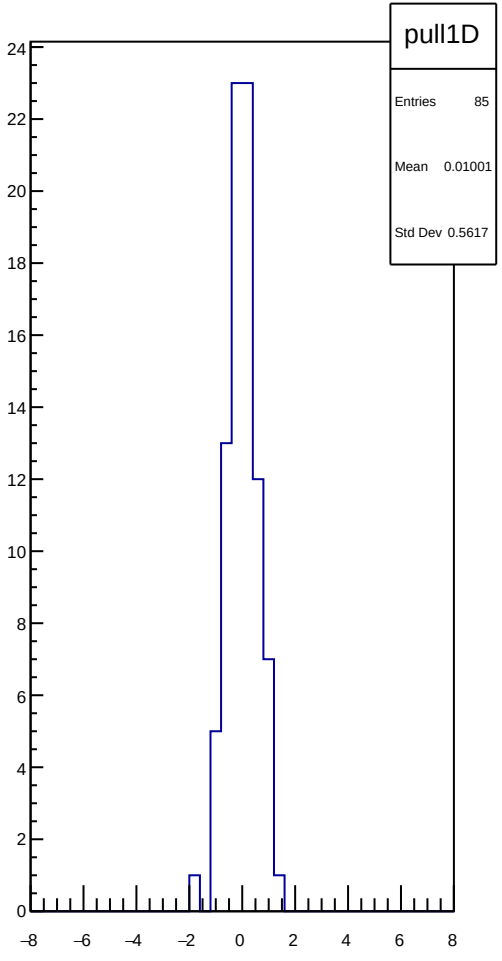

reg_asym_left_dd_diff_bpm4aY_slope vs run
χ² / ndf 25.36 / 84
p0 0.01614 ± 0.8354
pull
Entries 85
Mean −581.5
Std Dev 618.1

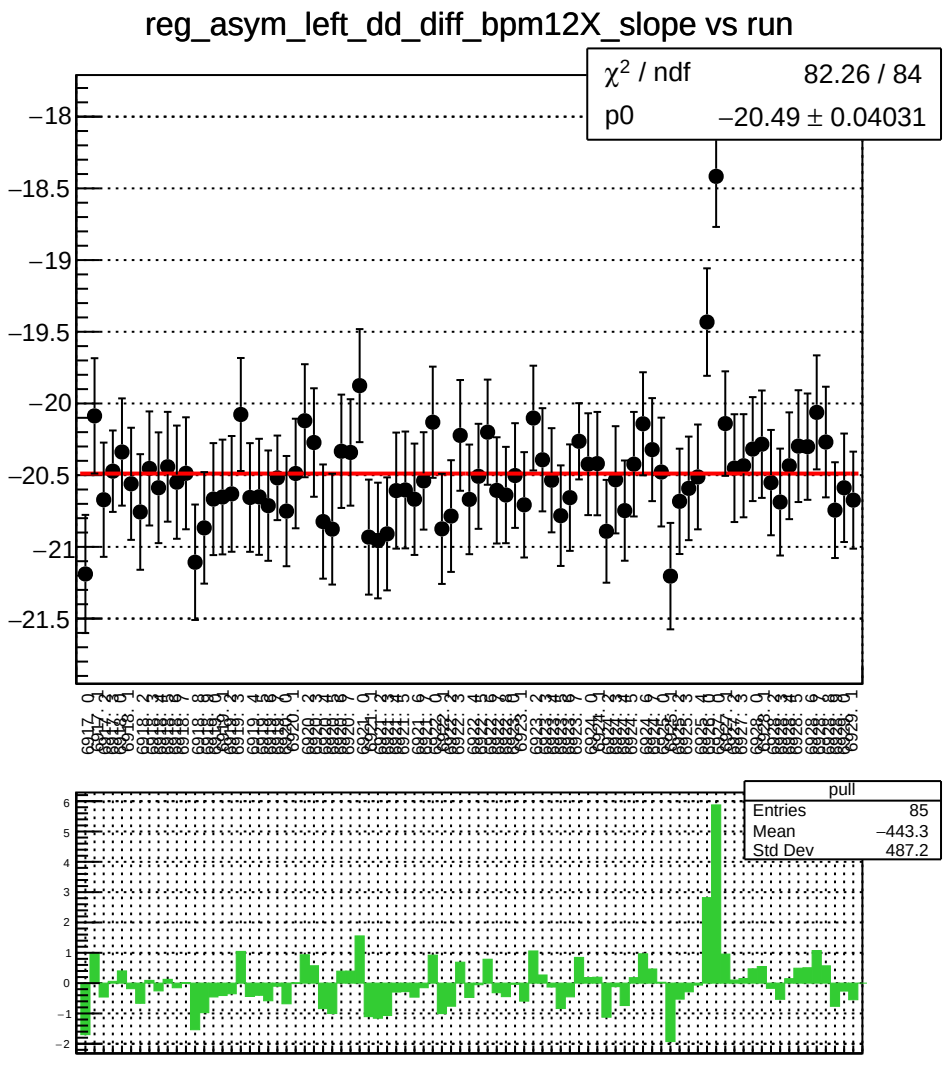

pull1D
Entries 85
Mean −0.003437
Std Dev 0.5462

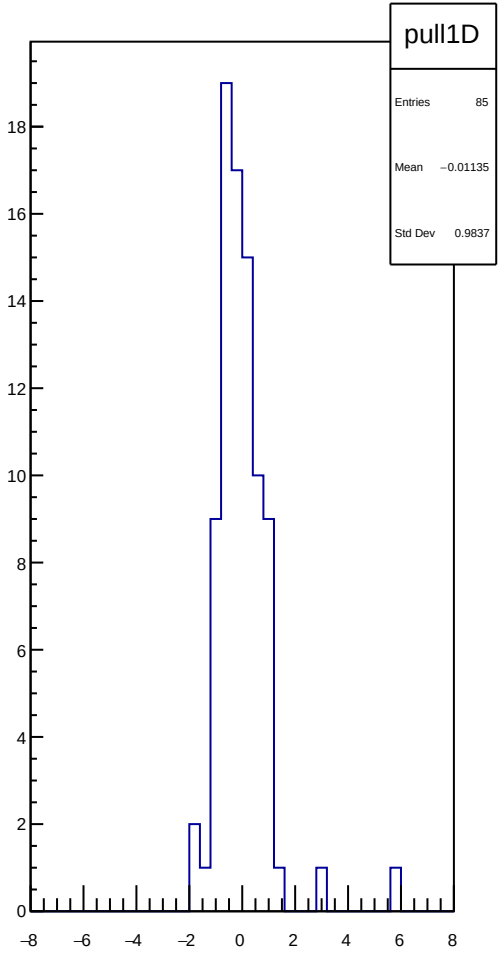

reg_asym_left_dd_diff_bpm4eX_slope vs run
χ² / ndf 27.69 / 84
p0 7.256 ± 1.125
pull
Entries 85
Mean 285.9
Std Dev 219.4

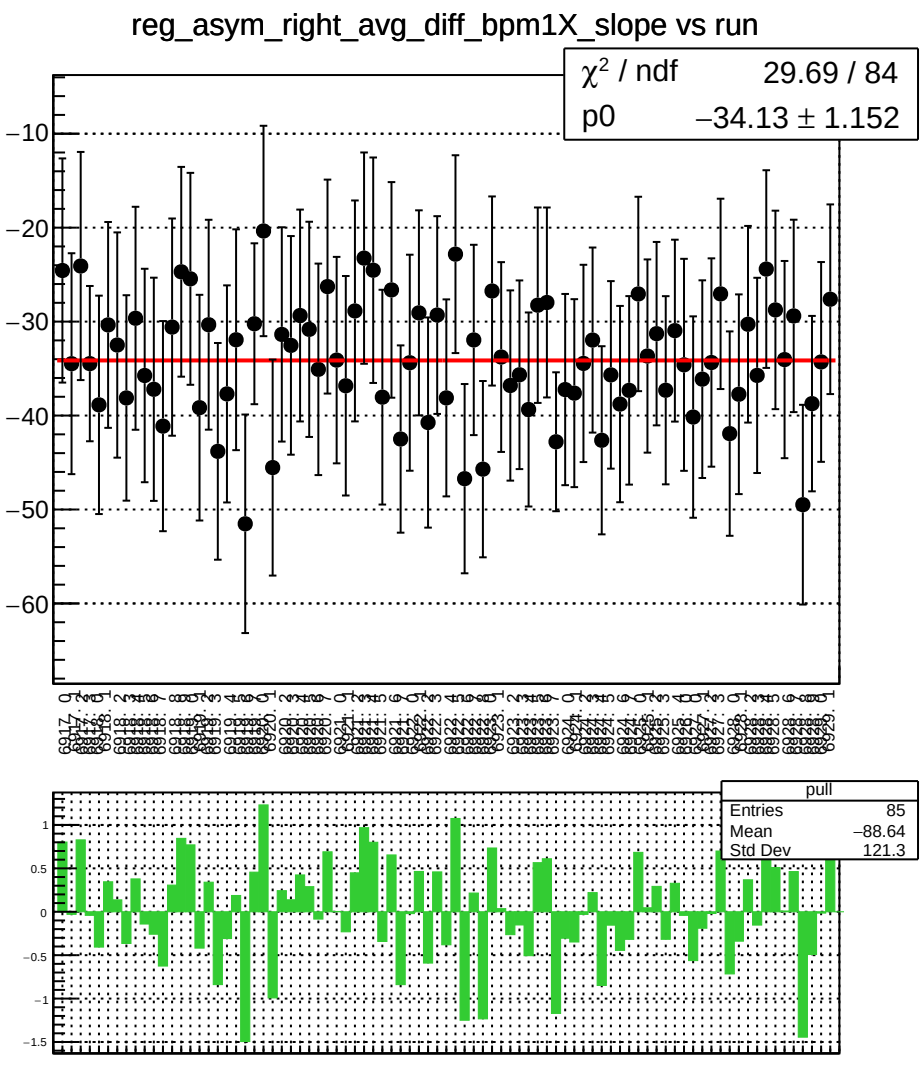

pull1D
Entries 85
Mean −0.005379
Std Dev 0.5707

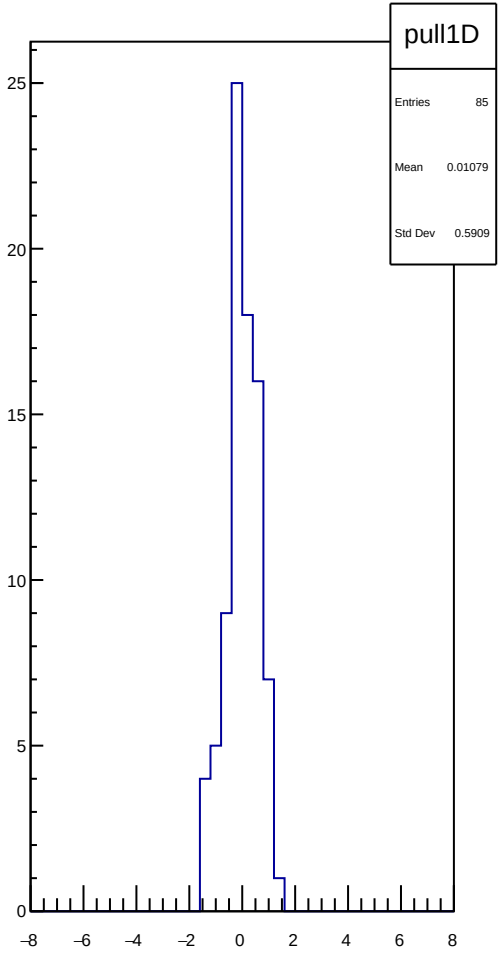

reg_asym_left_dd_diff_bpm4eY_slope vs run
χ² / ndf 26.83 / 84
p0 11.74 ± 0.9474
pull
Entries 85
Mean −236.5
Std Dev 270

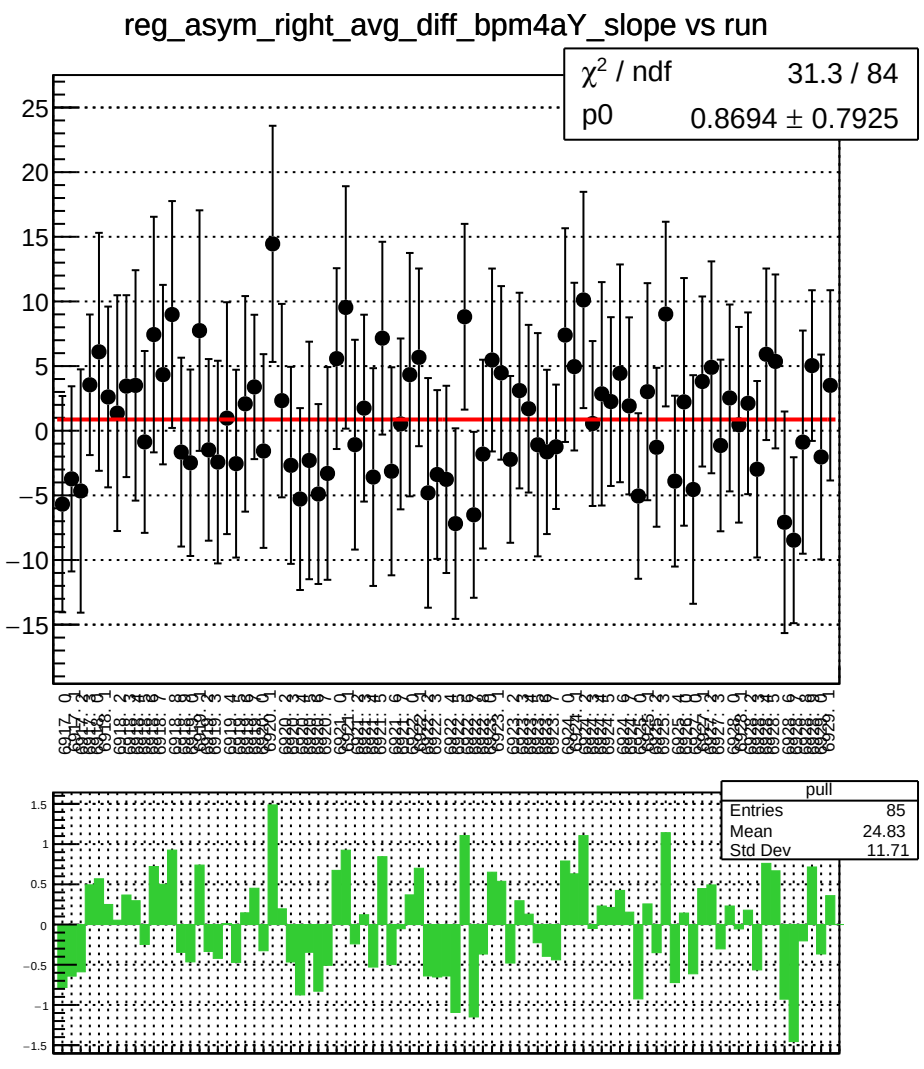

pull1D
Entries 85
Mean 0.01001
Std Dev 0.5617

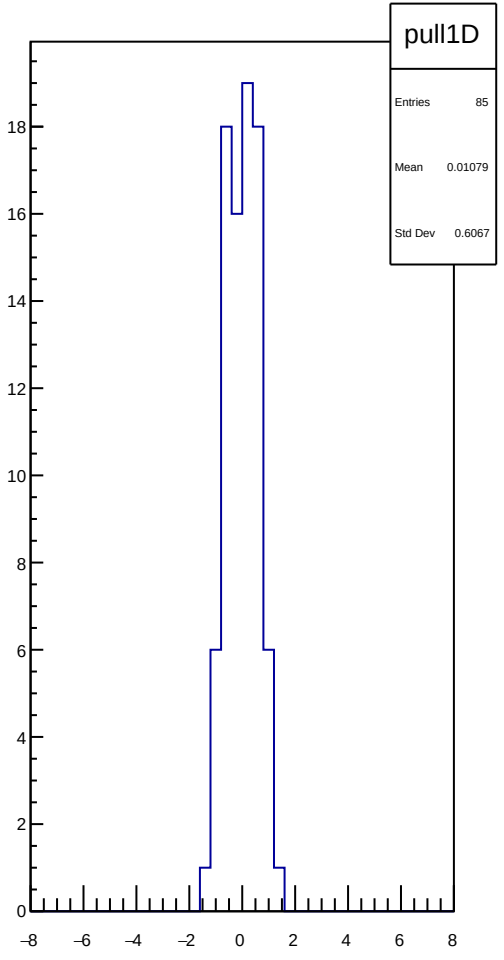

reg_asym_left_dd_diff_bpm12X_slope vs run
χ² / ndf 82.26 / 84
p0 −20.49 ± 0.04031
pull
Entries 85
Mean −443.3
Std Dev 487.2

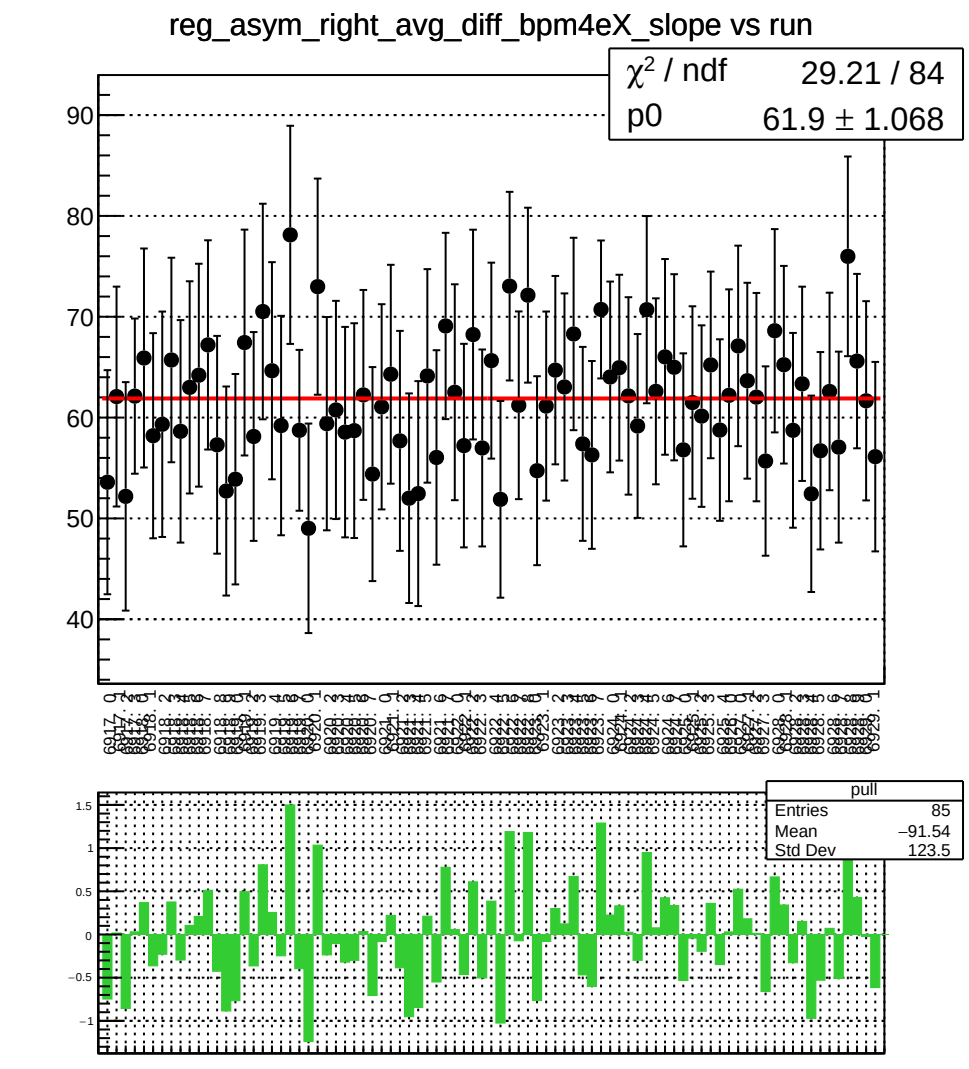

pull1D
Entries 85
Mean −0.01135
Std Dev 0.9837

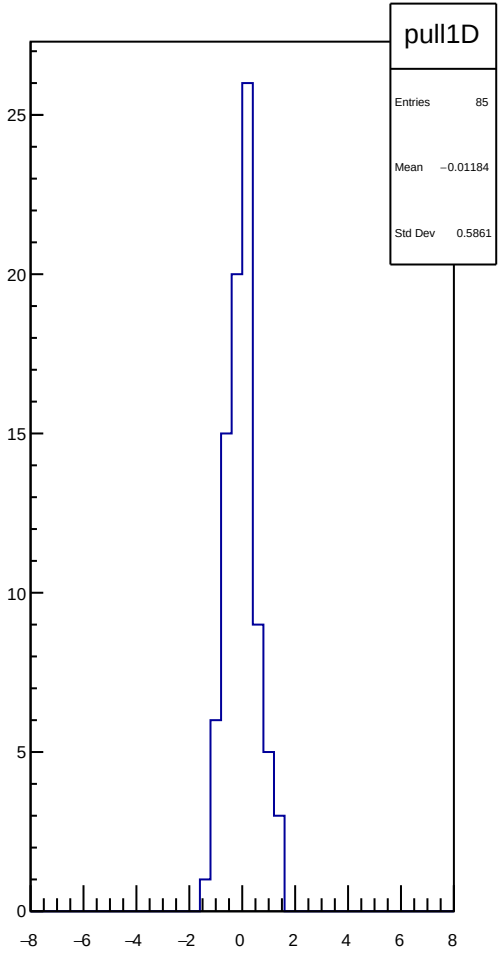

reg_asym_right_avg_diff_bpm1X_slope vs run
χ² / ndf 29.69 / 84
p0 −34.13 ± 1.152
pull
Entries 85
Mean −88.64
Std Dev 121.3

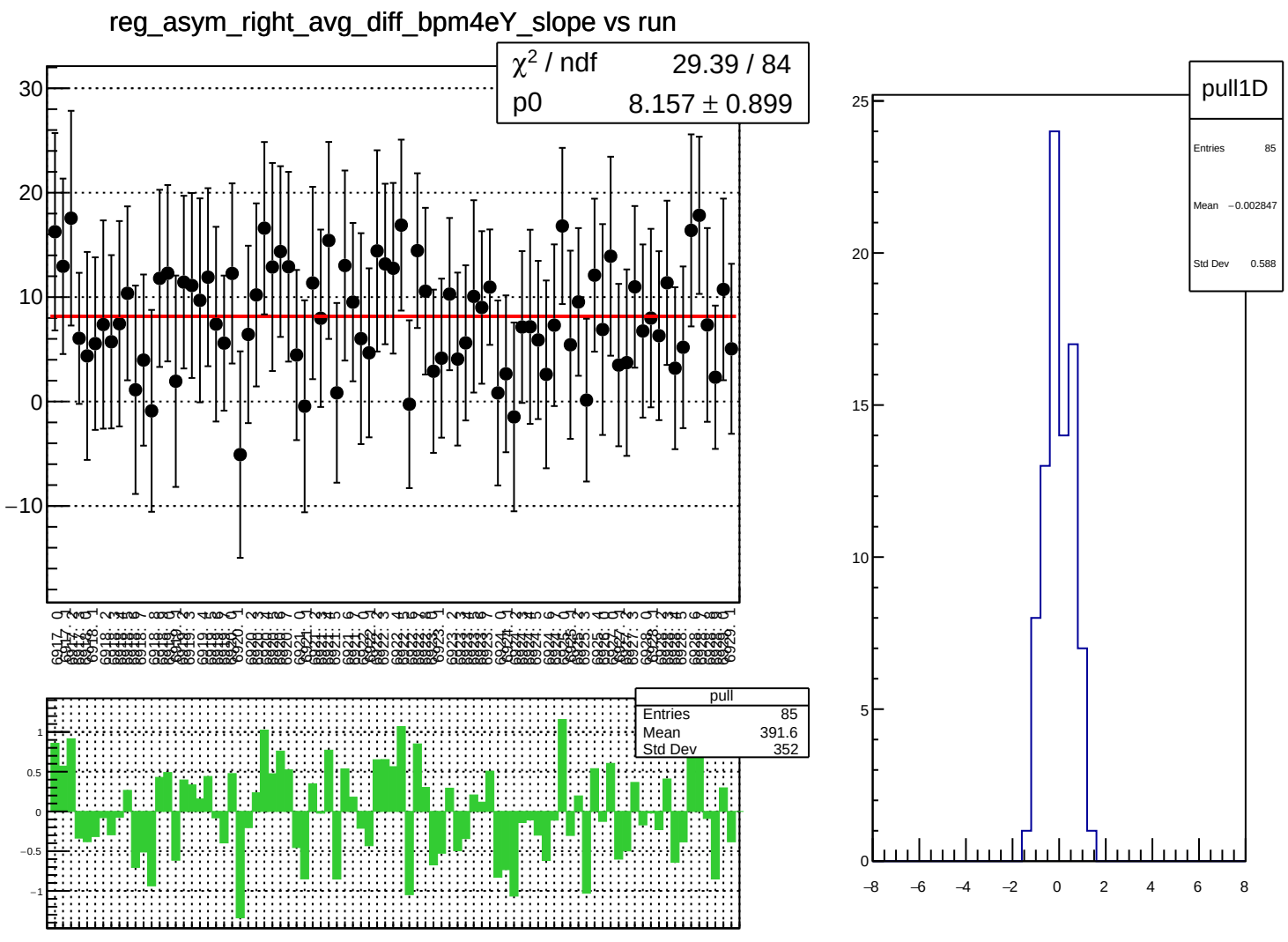

pull1D
Entries 85
Mean 0.01079
Std Dev 0.5909

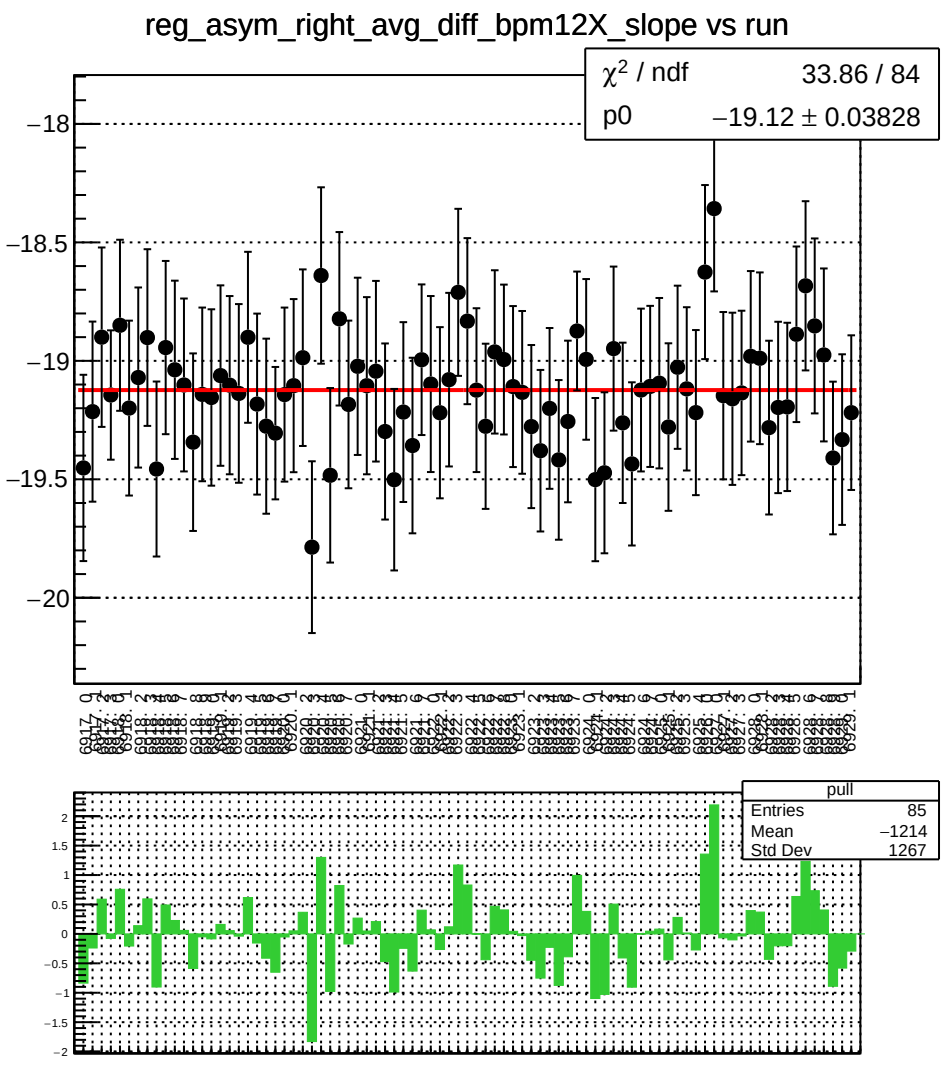

reg_asym_right_avg_diff_bpm4aY_slope vs run
χ² / ndf 31.3 / 84
p0 0.8694 ± 0.7925
pull
Entries 85
Mean 24.83
Std Dev 11.71

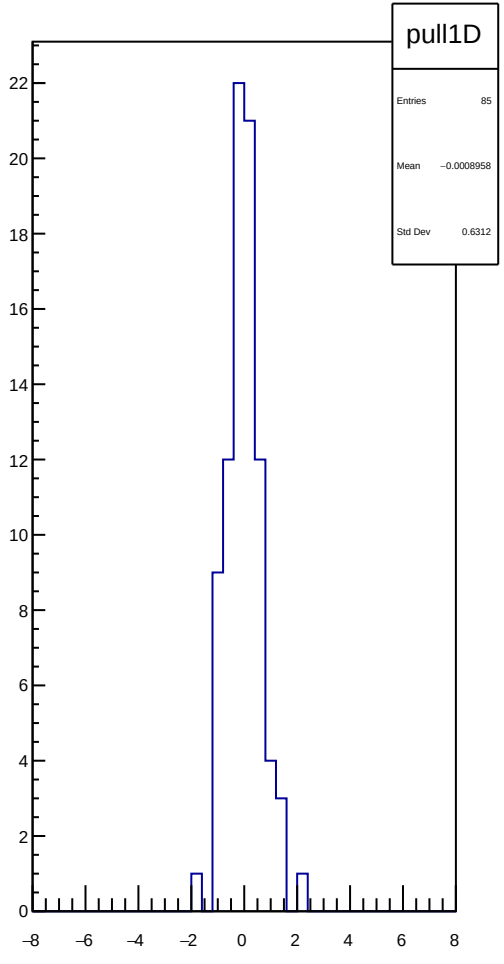

pull1D
Entries 85
Mean 0.01079
Std Dev 0.6067

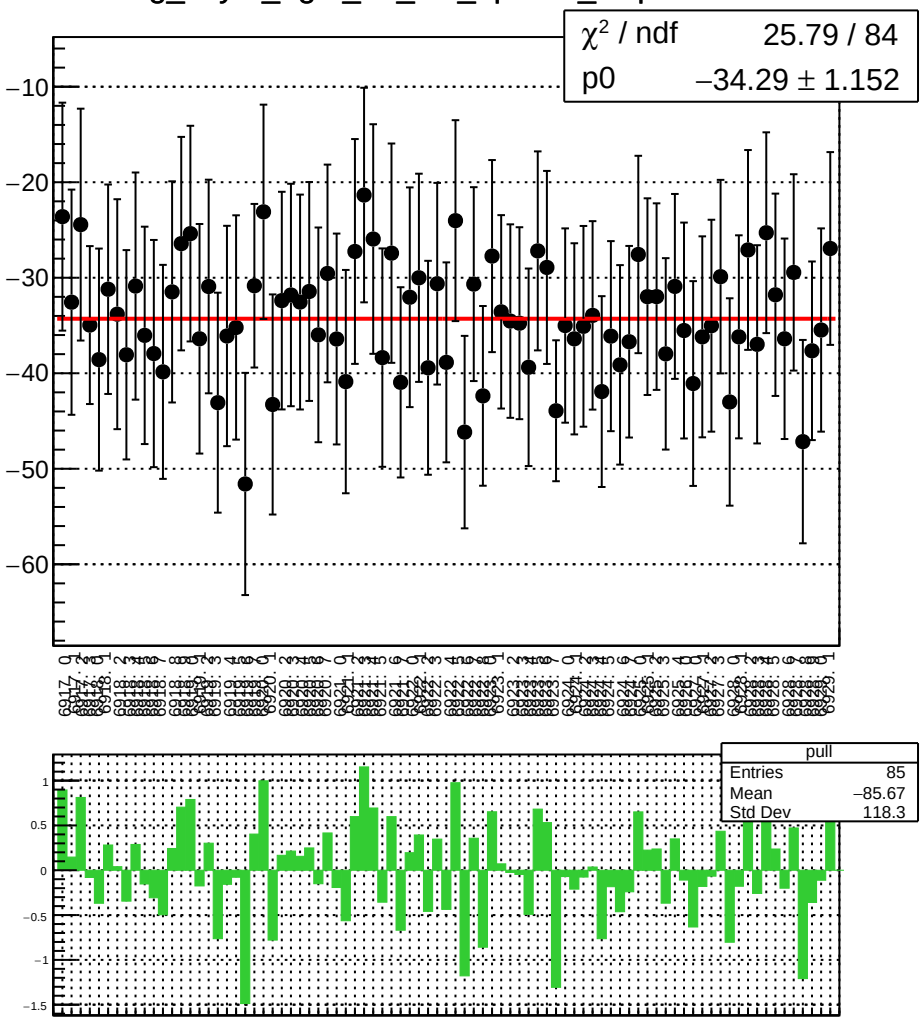

reg_asym_right_avg_diff_bpm4eX_slope vs run
χ² / ndf 29.21 / 84
p0 61.9 ± 1.068
pull
Entries 85
Mean −91.54
Std Dev 123.5

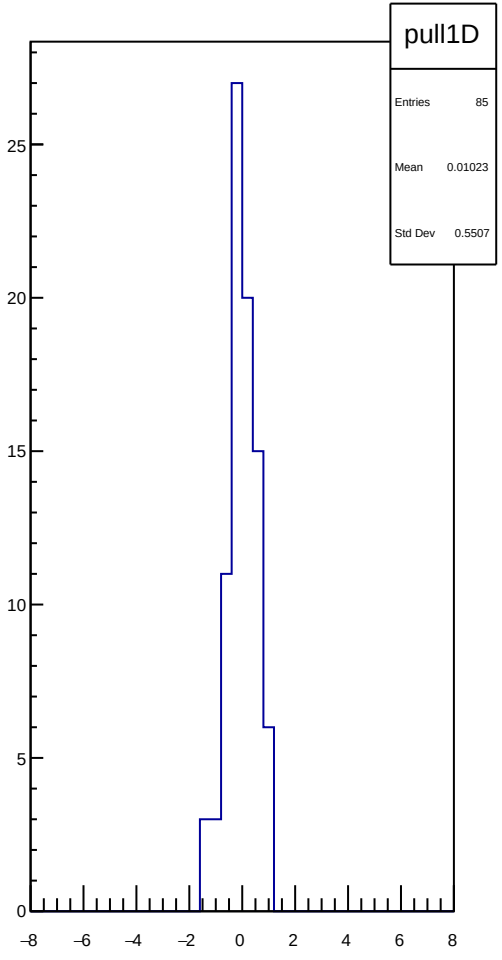

pull1D
Entries 85
Mean −0.01184
Std Dev 0.5861

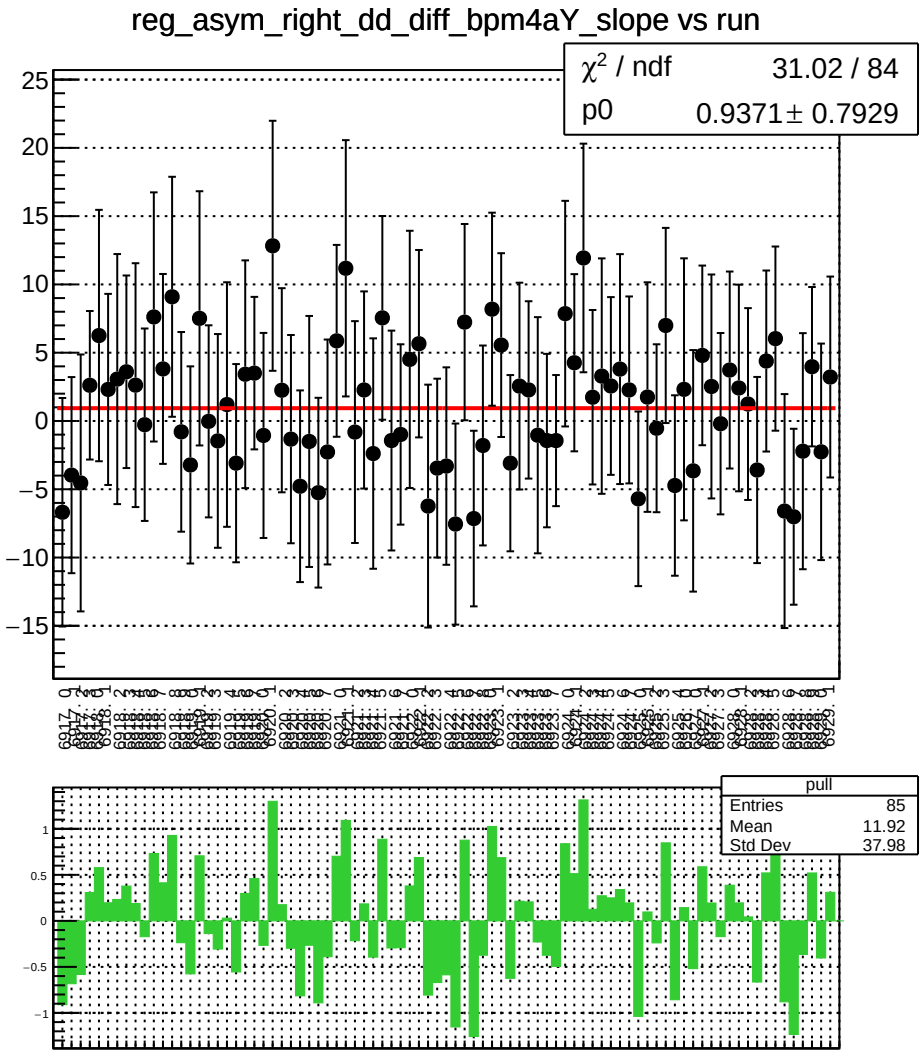

reg_asym_right_avg_diff_bpm4eY_slope vs run
χ² / ndf 29.39 / 84
p0 8.157 ± 0.899
pull
Entries 85
Mean 391.6
Std Dev 352
pull1D
Entries 85
Mean −0.002847
Std Dev 0.588

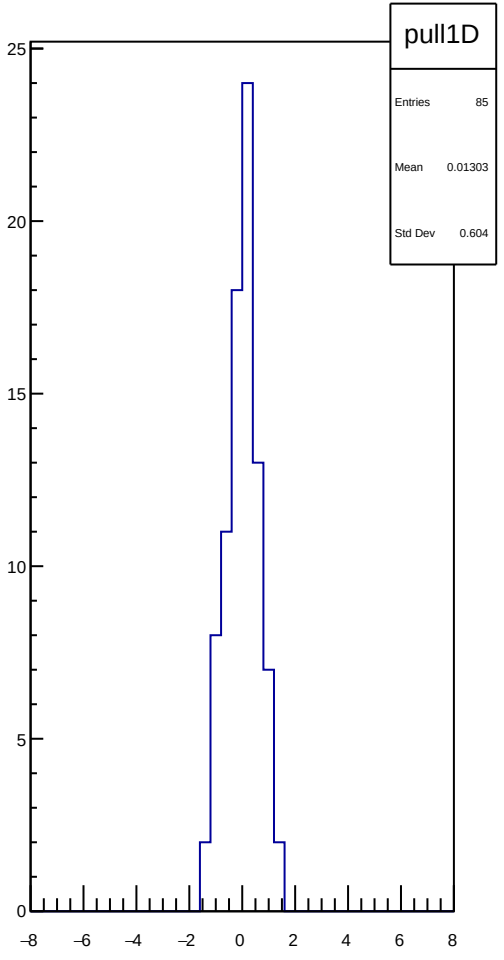

reg_asym_right_avg_diff_bpm12X_slope vs run
χ² / ndf 33.86 / 84
p0 −19.12 ± 0.03828
−18
−18.5
−19
−19.5
−20
pull
Entries 85
Mean −1214
Std Dev 1267
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

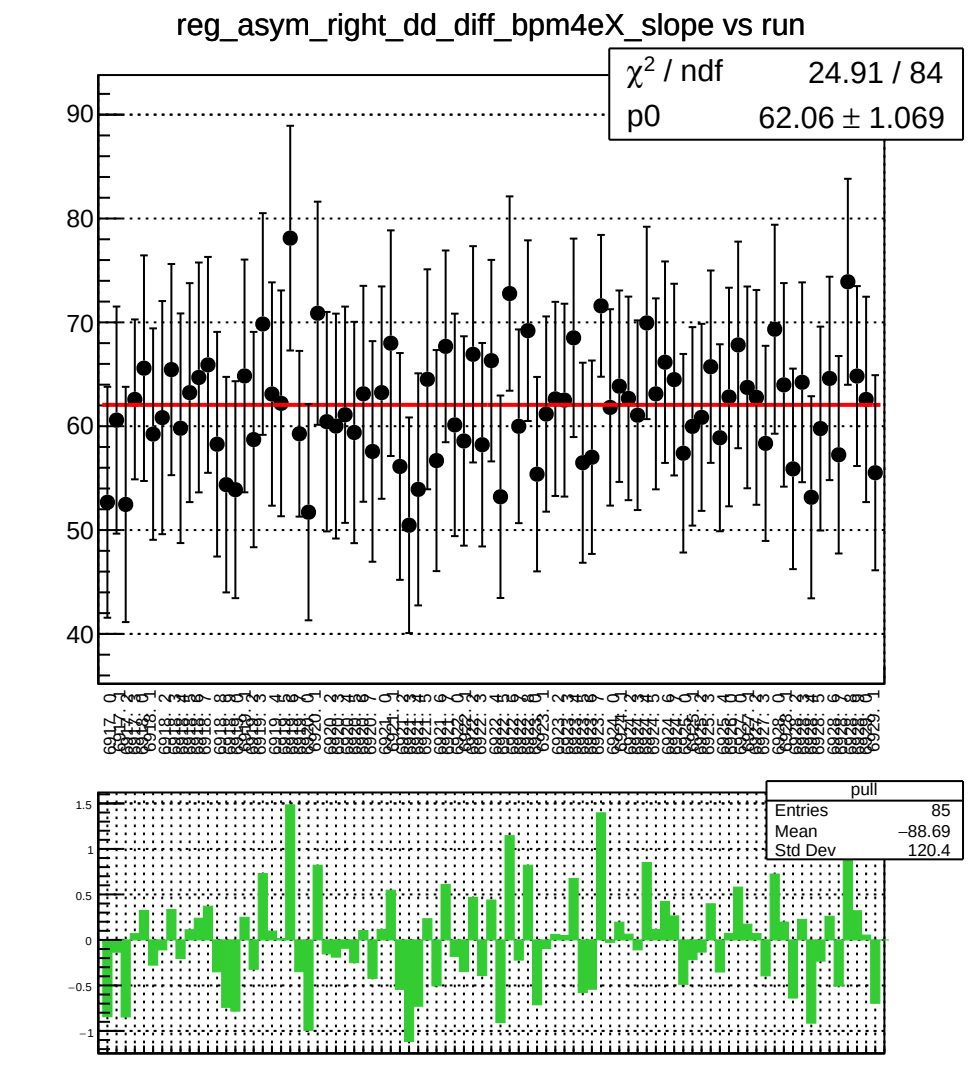

pull1D
Entries 85
Mean −0.0008958
Std Dev 0.6312
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

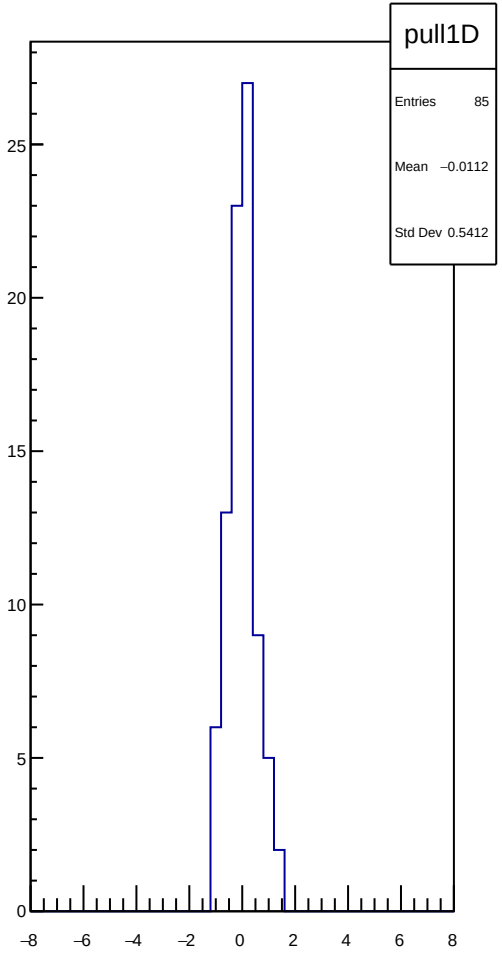

reg_asym_right_dd_diff_bpm1X_slope vs run
χ² / ndf 25.79 / 84
p0 −34.29 ± 1.152
pull
Entries 85
Mean −85.67
Std Dev 118.3

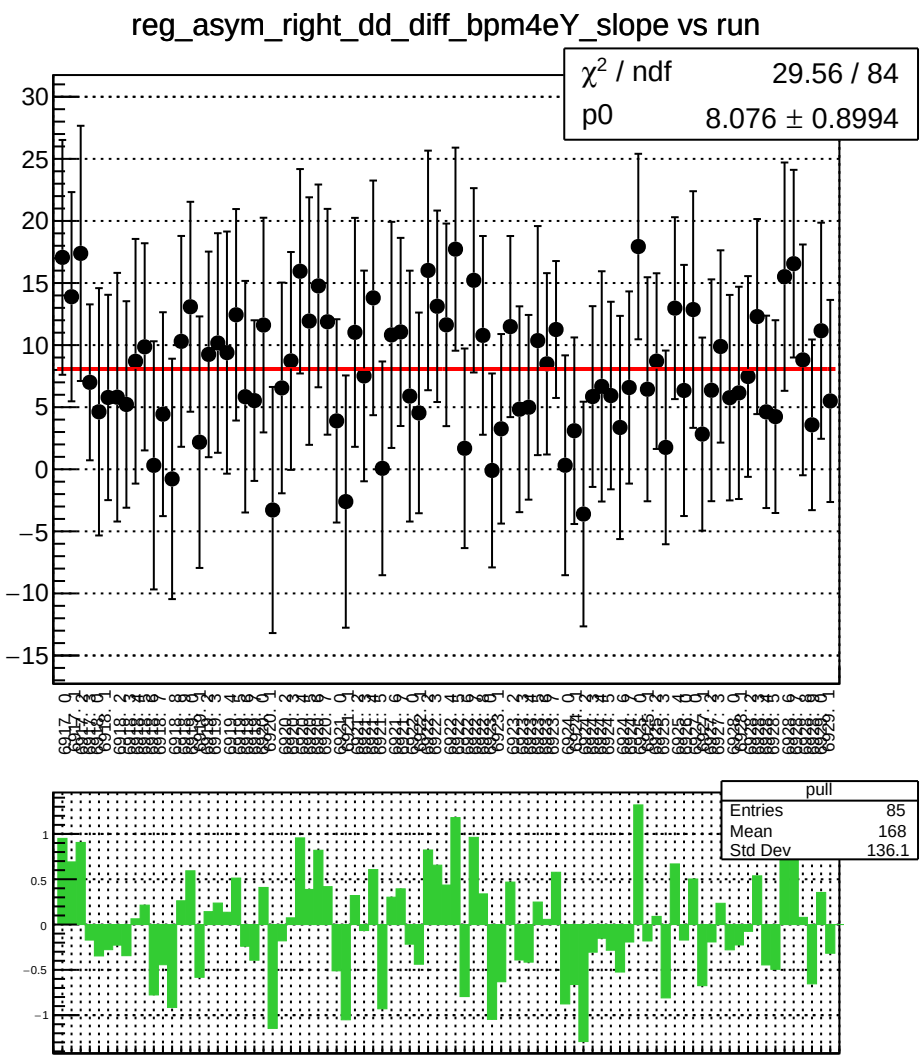

pull1D
Entries 85
Mean 0.01023
Std Dev 0.5507

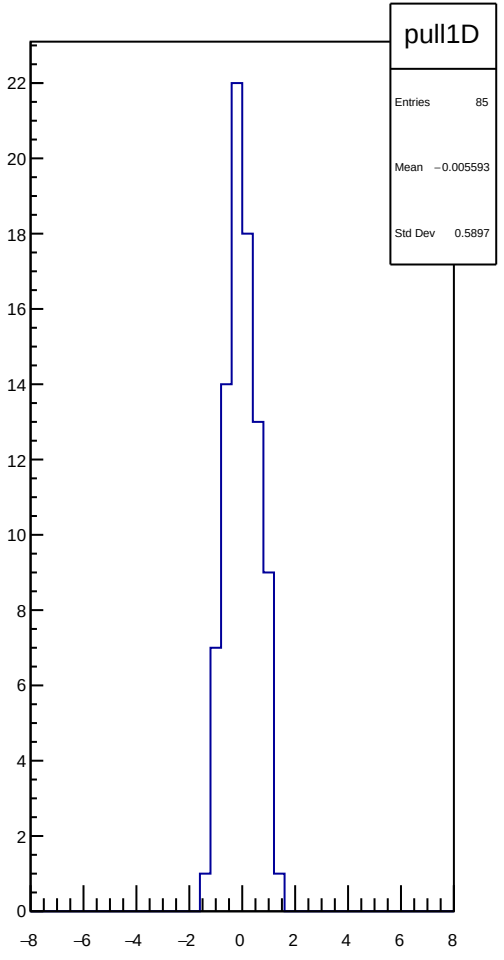

reg_asym_right_dd_diff_bpm4aY_slope vs run
χ² / ndf 31.02 / 84
p0 0.9371± 0.7929
pull
Entries 85
Mean 11.92
Std Dev 37.98

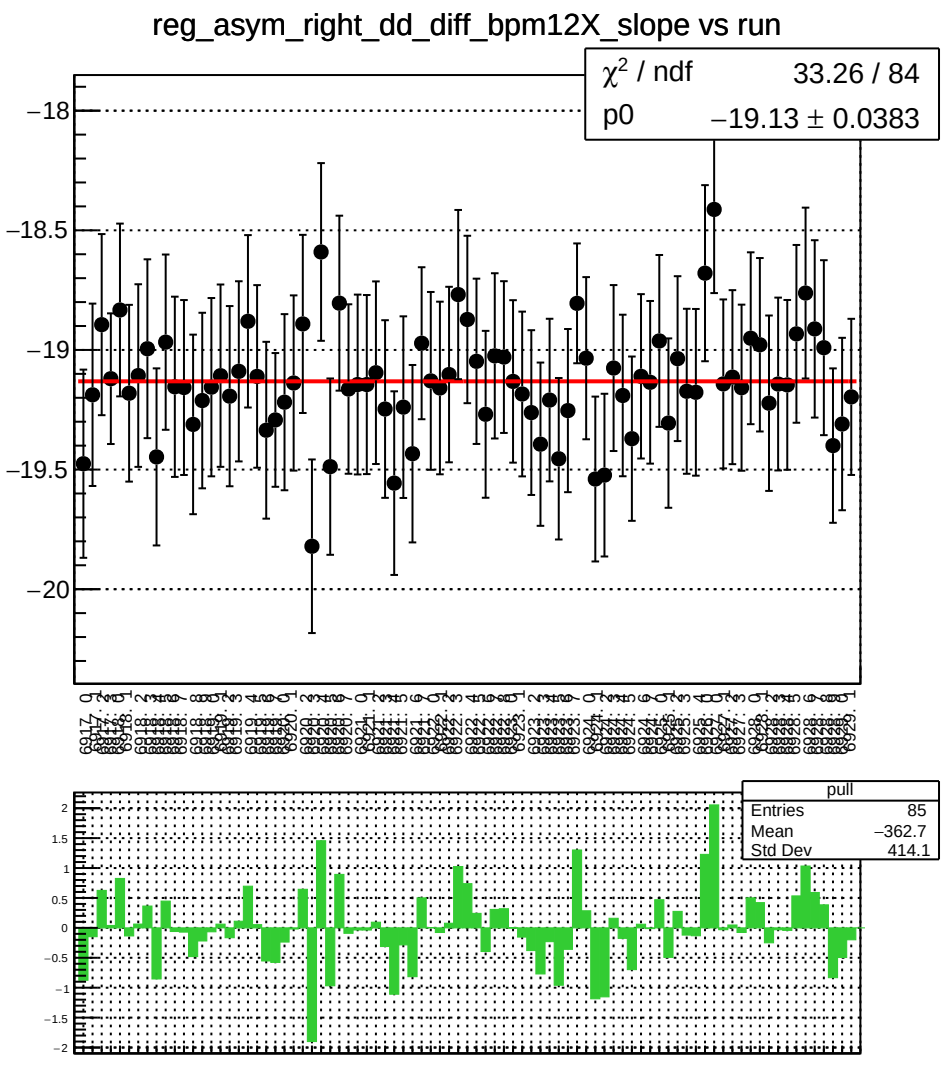

pull1D
Entries 85
Mean 0.01303
Std Dev 0.604

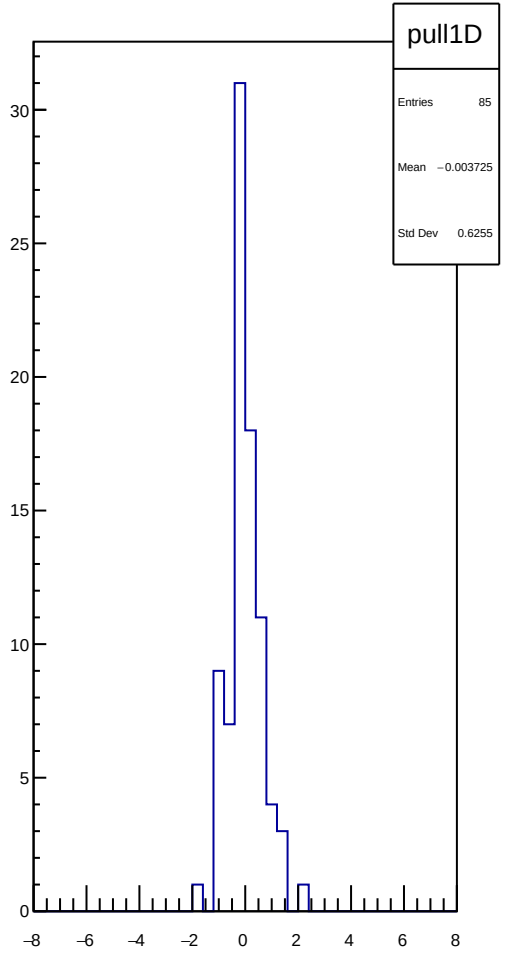

reg_asym_right_dd_diff_bpm4eX_slope vs run
χ² / ndf 24.91 / 84
p0 62.06 ± 1.069
pull
Entries 85
Mean −88.69
Std Dev 120.4

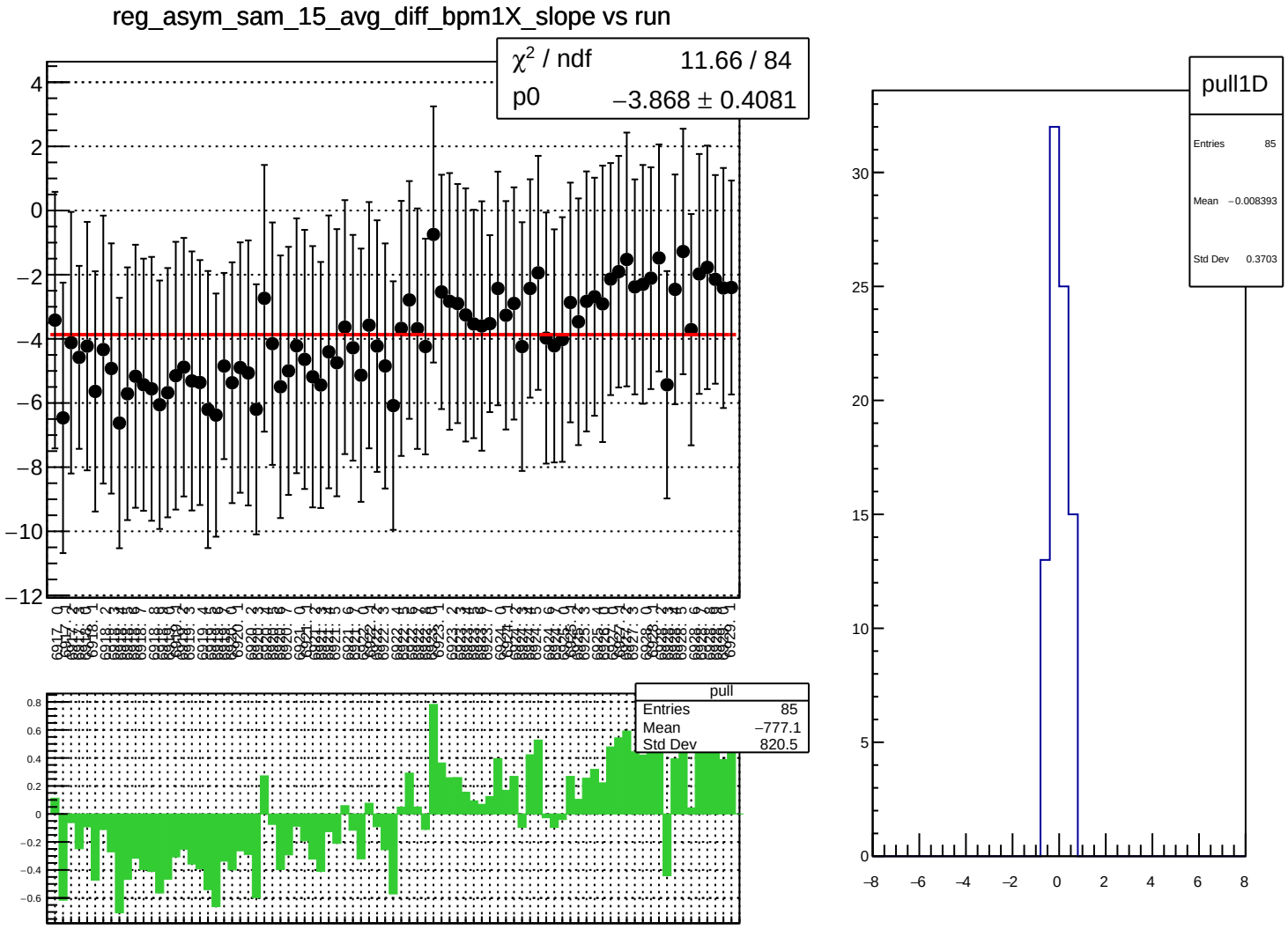

pull1D
Entries 85
Mean −0.0112
Std Dev 0.5412

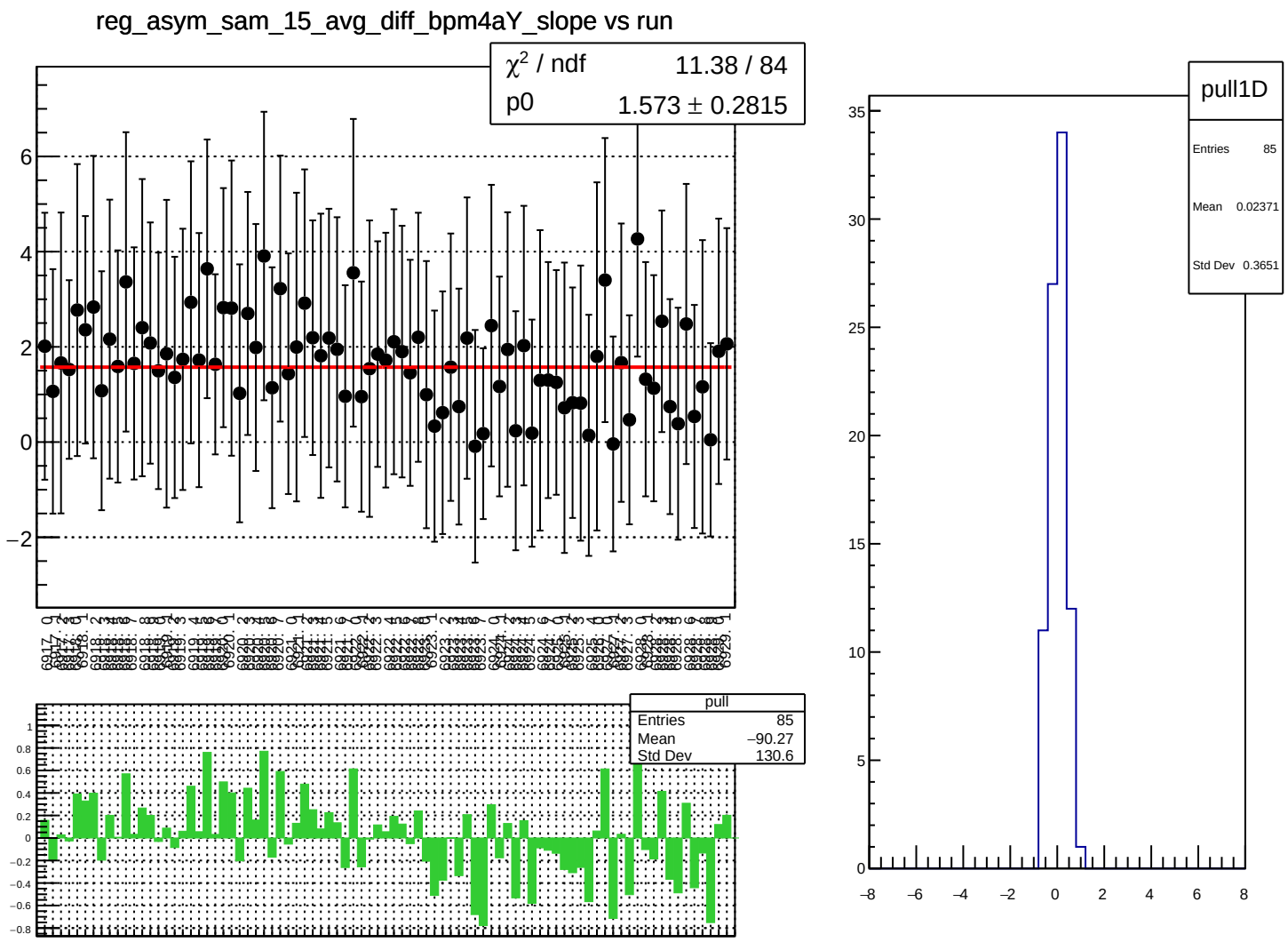

reg_asym_right_dd_diff_bpm4eY_slope vs run
χ² / ndf 29.56 / 84
p0 8.076 ± 0.8994
pull
Entries 85
Mean 168
Std Dev 136.1

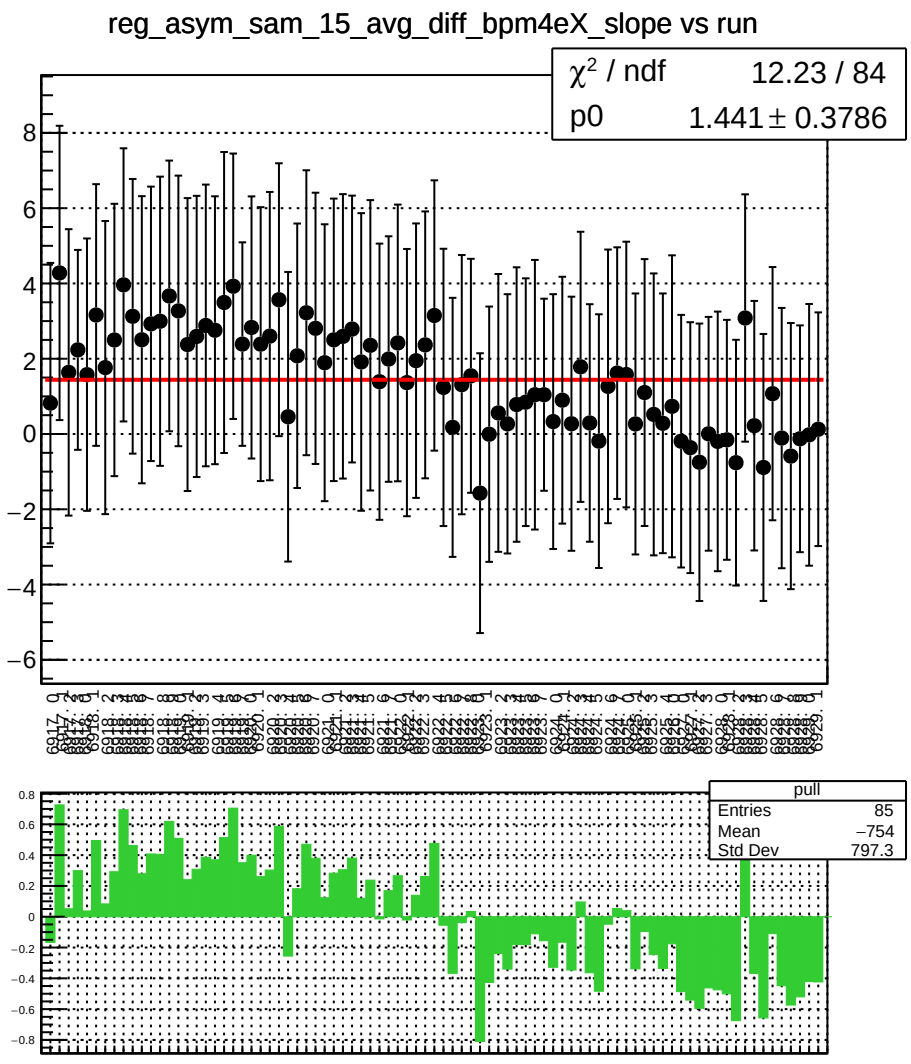

pull1D
Entries 85
Mean −0.005593
Std Dev 0.5897

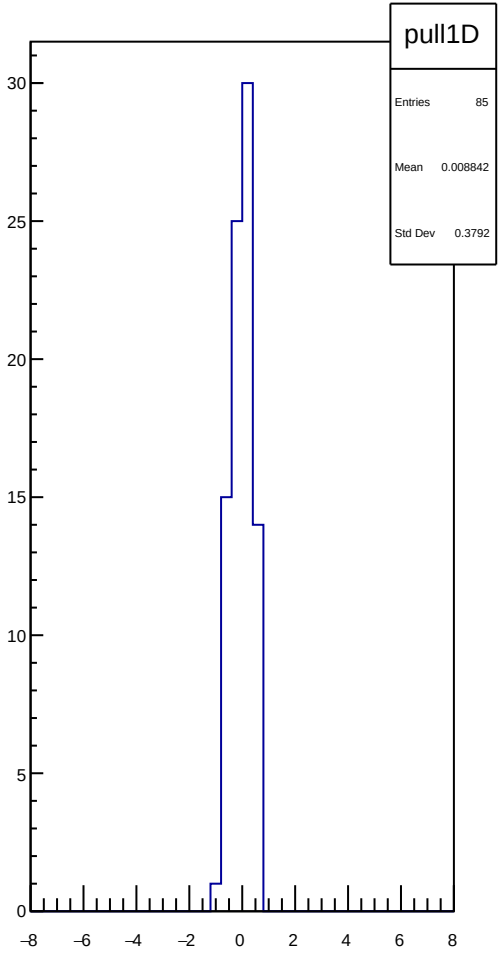

reg_asym_right_dd_diff_bpm12X_slope vs run
χ² / ndf 33.26 / 84
p0 −19.13 ± 0.0383
−18
−18.5
−19
−19.5
−20
pull
Entries 85
Mean −362.7
Std Dev 414.1
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

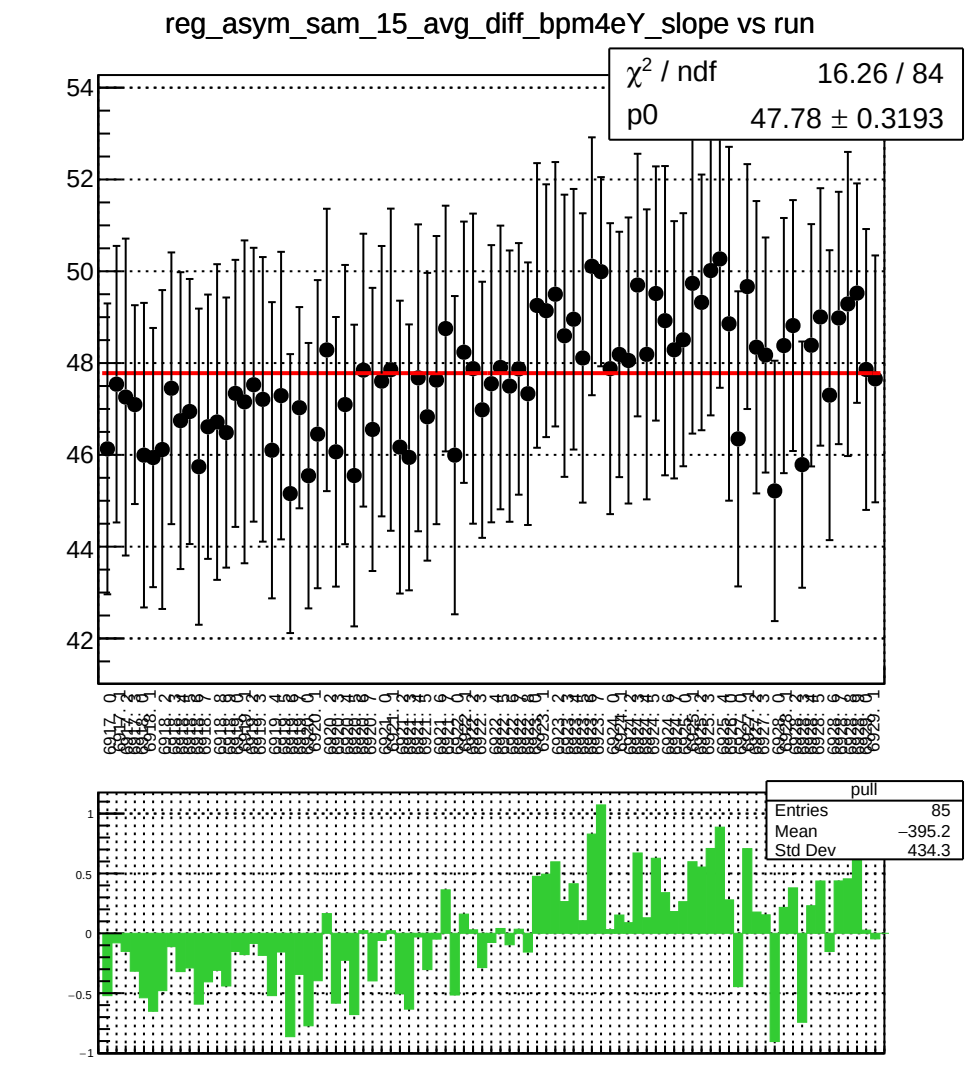

pull1D
Entries 85
Mean −0.003725
Std Dev 0.6255
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

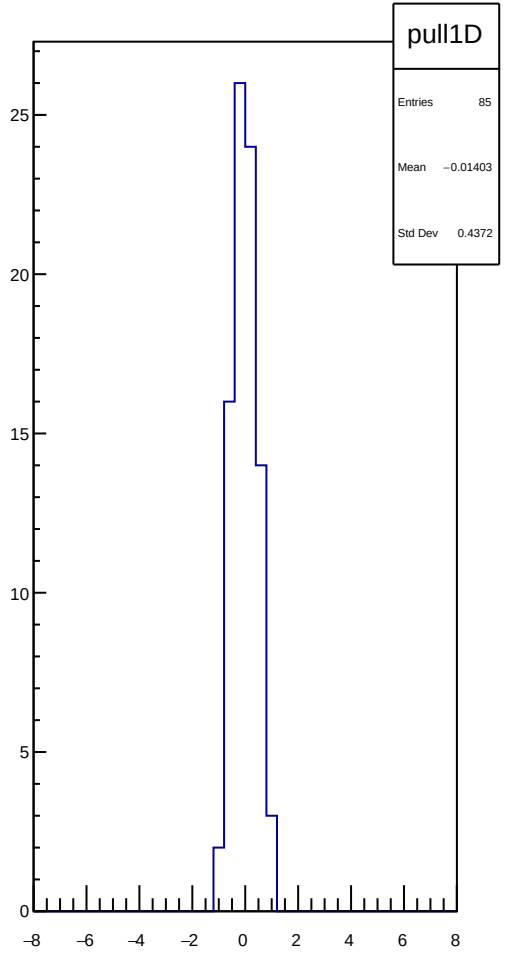

reg_asym_sam_15_avg_diff_bpm1X_slope vs run
χ² / ndf 11.66 / 84
p0 −3.868 ± 0.4081
pull
Entries 85
Mean −777.1
Std Dev 820.5
pull1D
Entries 85
Mean −0.008393
Std Dev 0.3703

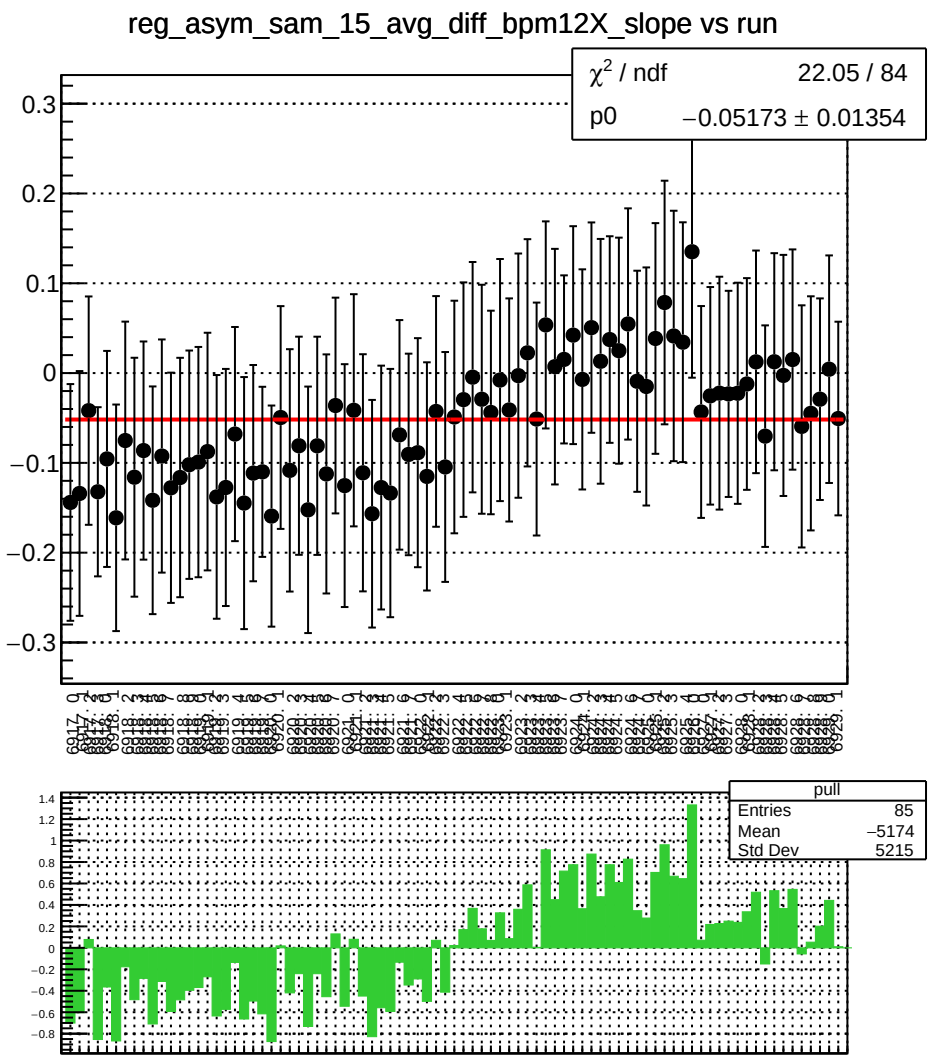

reg_asym_sam_15_avg_diff_bpm4aY_slope vs run
χ² / ndf 11.38 / 84
p0 1.573 ± 0.2815
pull
Entries 85
Mean −90.27
Std Dev 130.6
pull1D
Entries 85
Mean 0.02371
Std Dev 0.3651

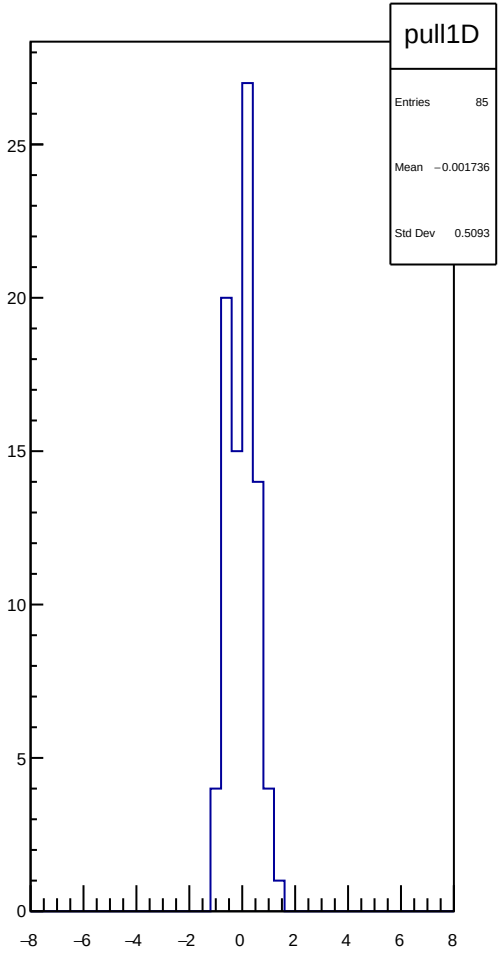

reg_asym_sam_15_avg_diff_bpm4eX_slope vs run
χ² / ndf 12.23 / 84
p0 1.441 ± 0.3786
pull
Entries 85
Mean −754
Std Dev 797.3

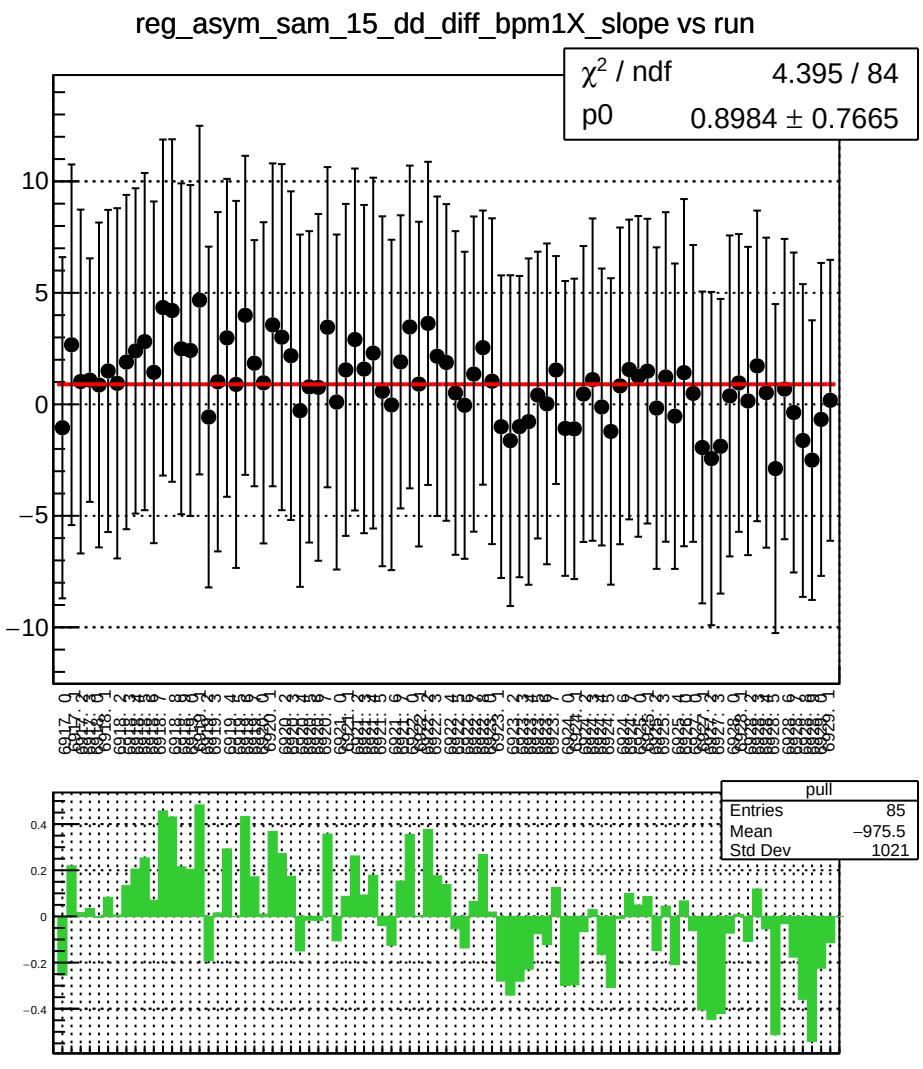

pull1D
Entries 85
Mean 0.008842
Std Dev 0.3792

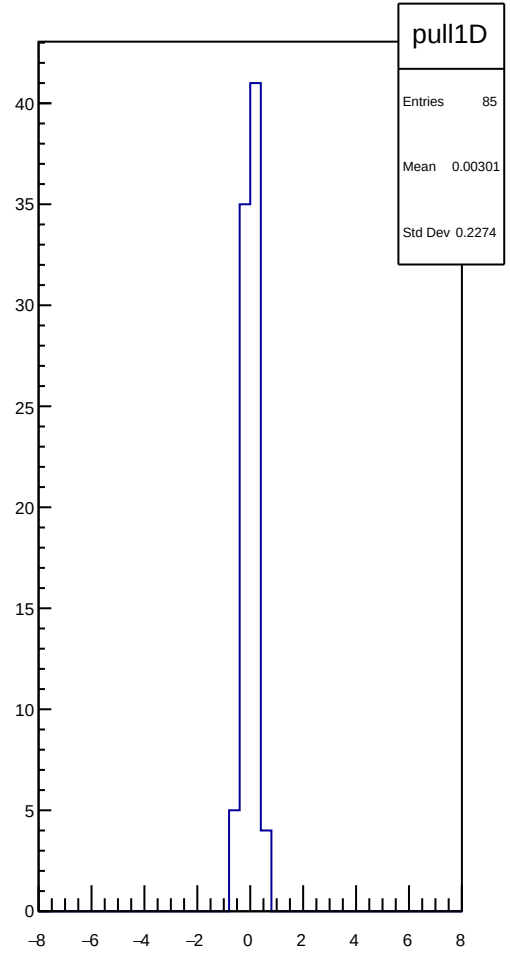

reg_asym_sam_15_avg_diff_bpm4eY_slope vs run
χ² / ndf 16.26 / 84
p0 47.78 ± 0.3193
54
52
50
48
46
44
42
pull
Entries 85
Mean −395.2
Std Dev 434.3
1
0.5
0
−0.5
−1

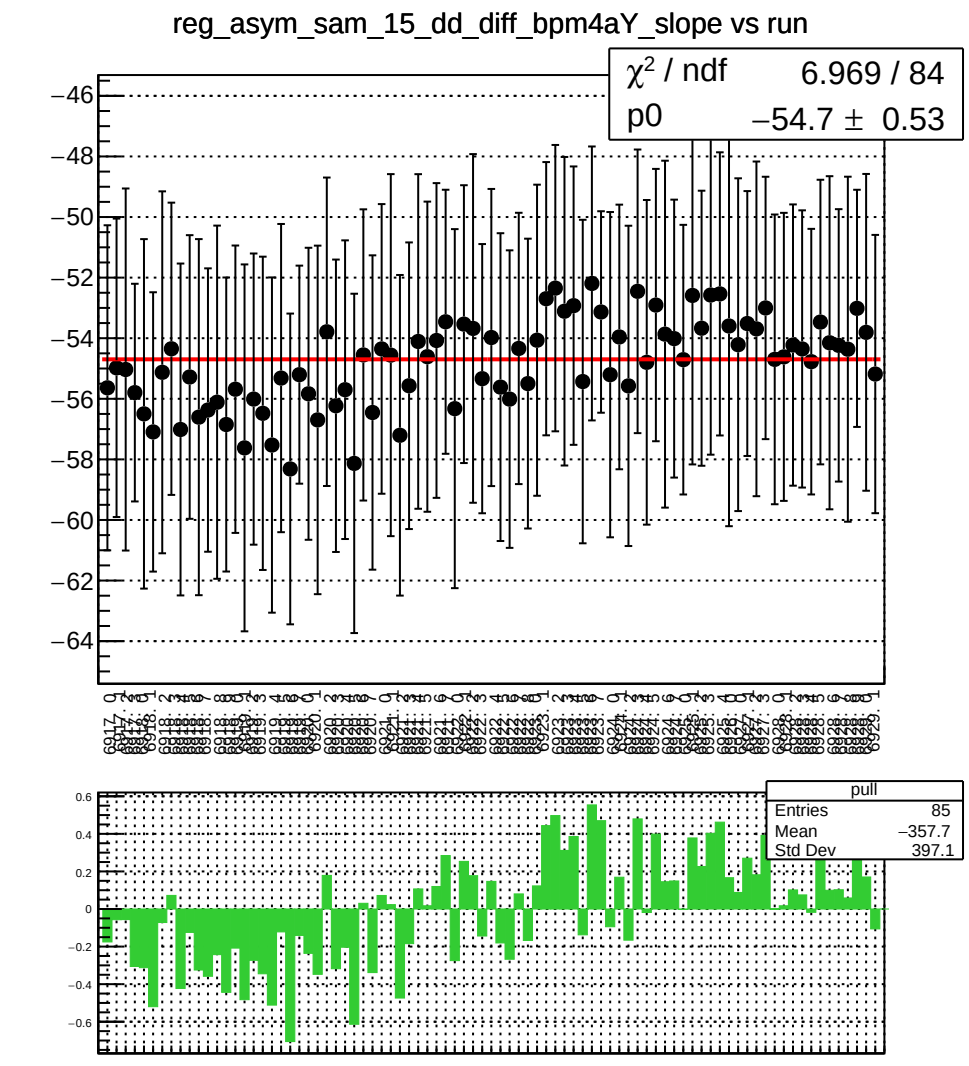

pull1D
Entries 85
Mean −0.01403
Std Dev 0.4372
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

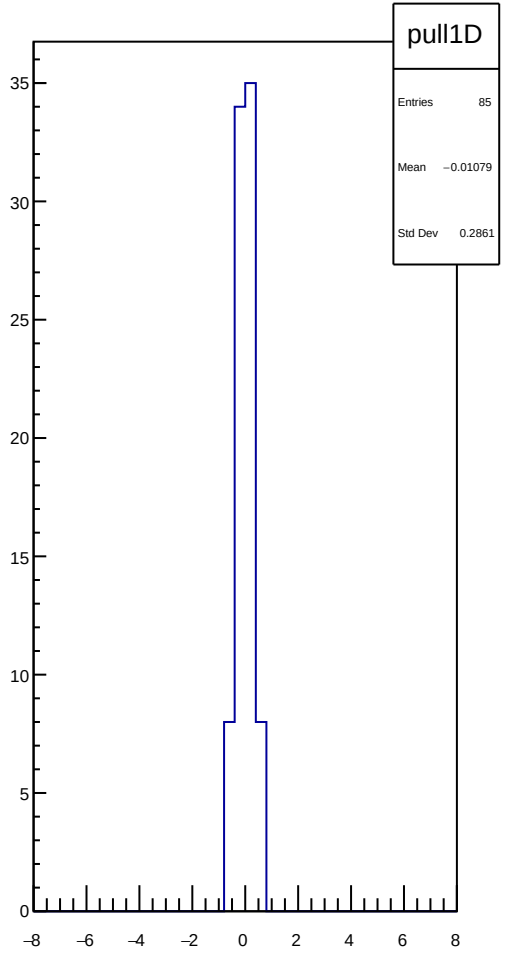

reg_asym_sam_15_avg_diff_bpm12X_slope vs run
χ² / ndf 22.05 / 84
p0 −0.05173 ± 0.01354
pull
Entries 85
Mean −5174
Std Dev 5215

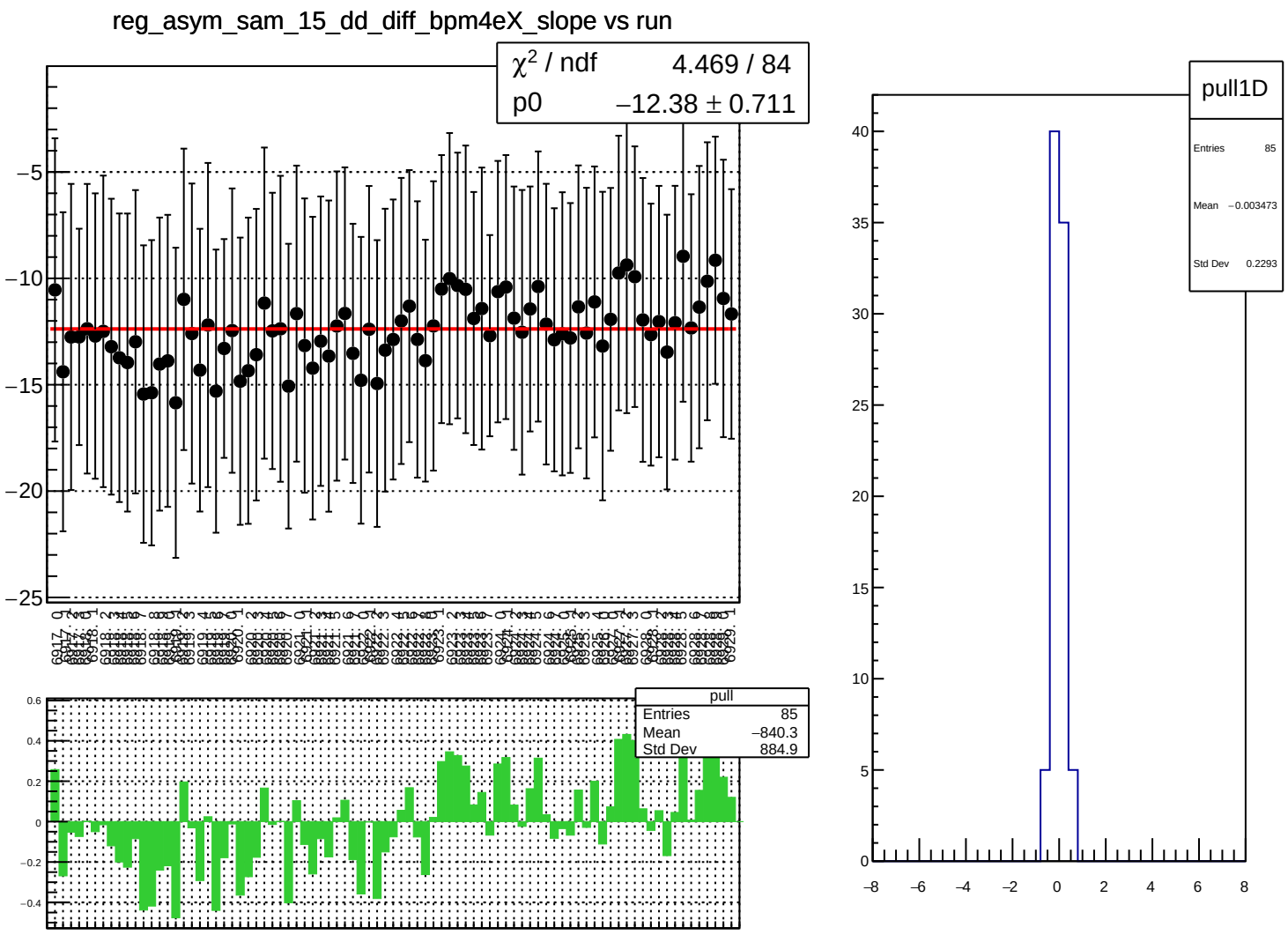

pull1D
Entries 85
Mean −0.001736
Std Dev 0.5093

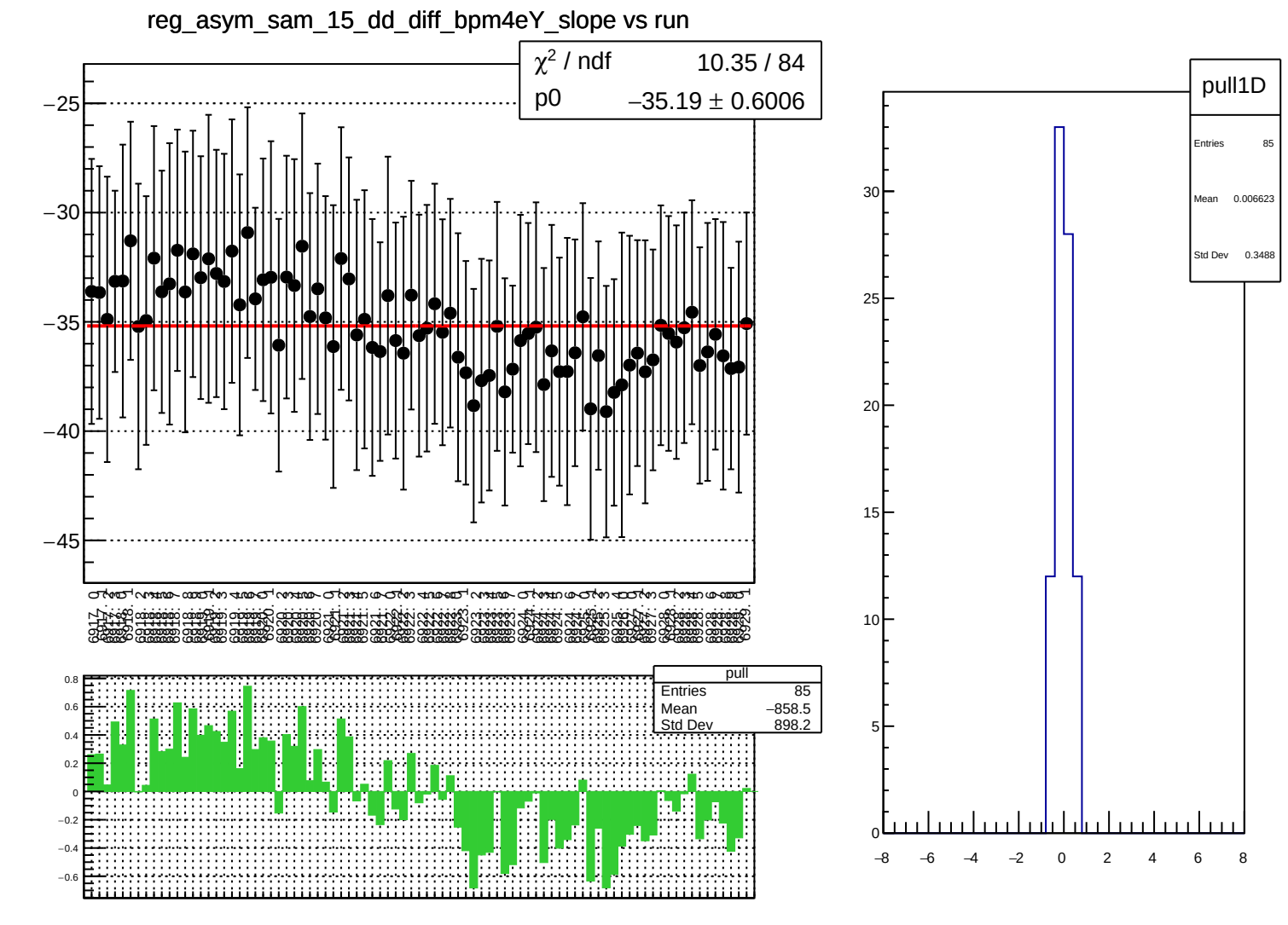

reg_asym_sam_15_dd_diff_bpm1X_slope vs run
χ² / ndf 4.395 / 84
p0 0.8984 ± 0.7665
pull
Entries 85
Mean −975.5
Std Dev 1021

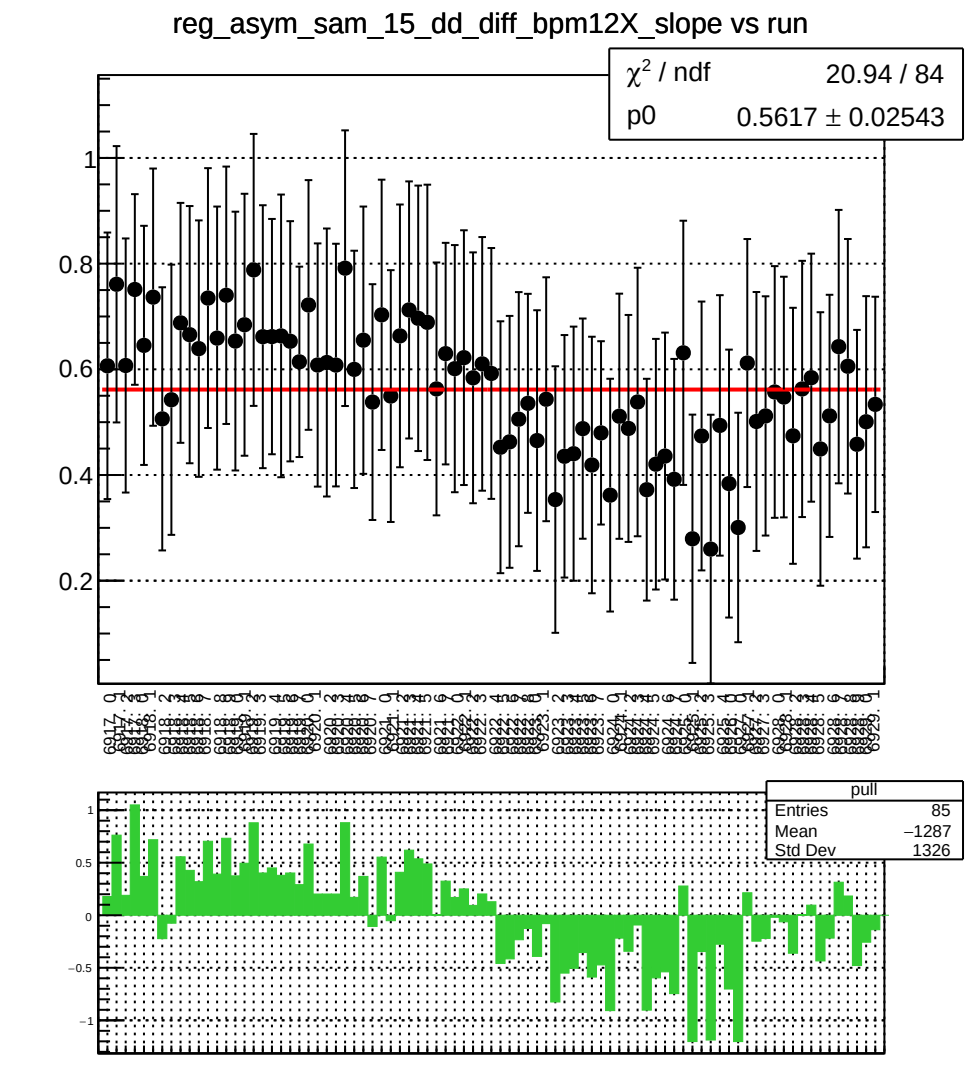

pull1D
Entries 85
Mean 0.00301
Std Dev 0.2274

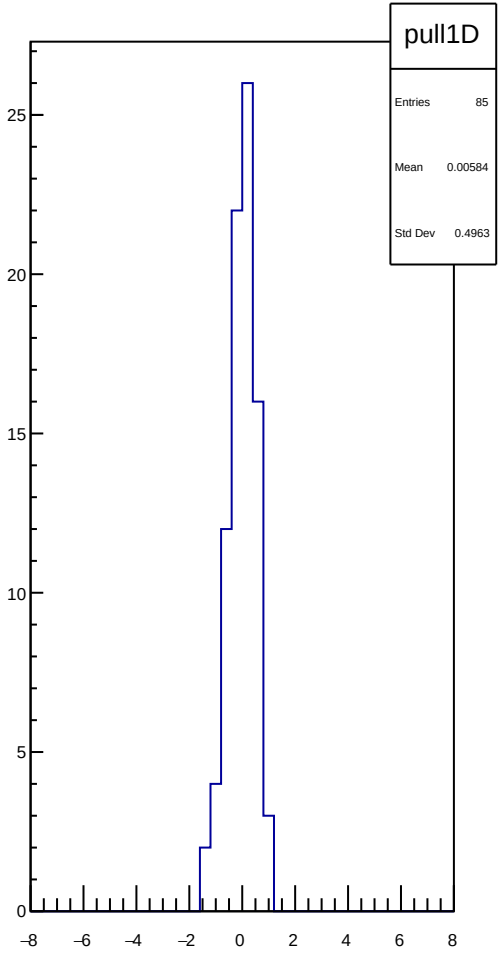

reg_asym_sam_15_dd_diff_bpm4aY_slope vs run
χ² / ndf 6.969 / 84
p0 −54.7 ± 0.53
pull
Entries 85
Mean −357.7
Std Dev 397.1

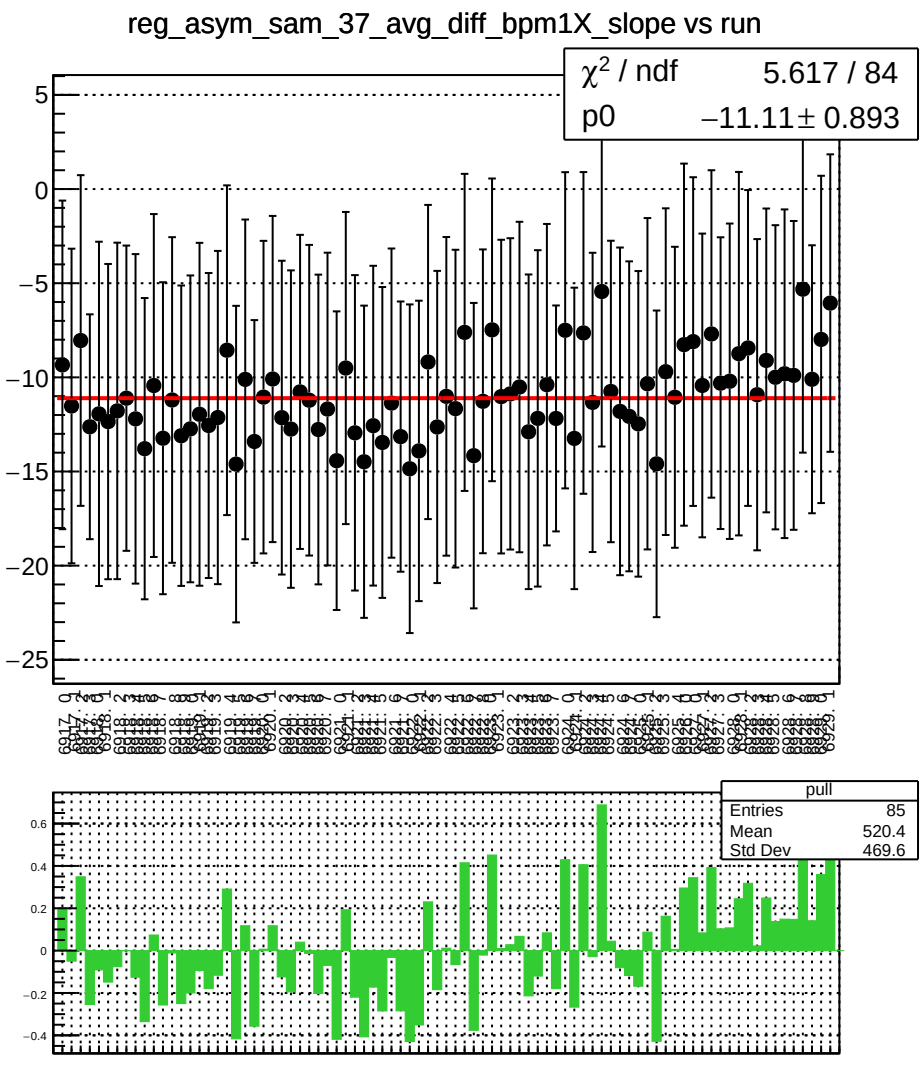

pull1D
Entries 85
Mean −0.01079
Std Dev 0.2861

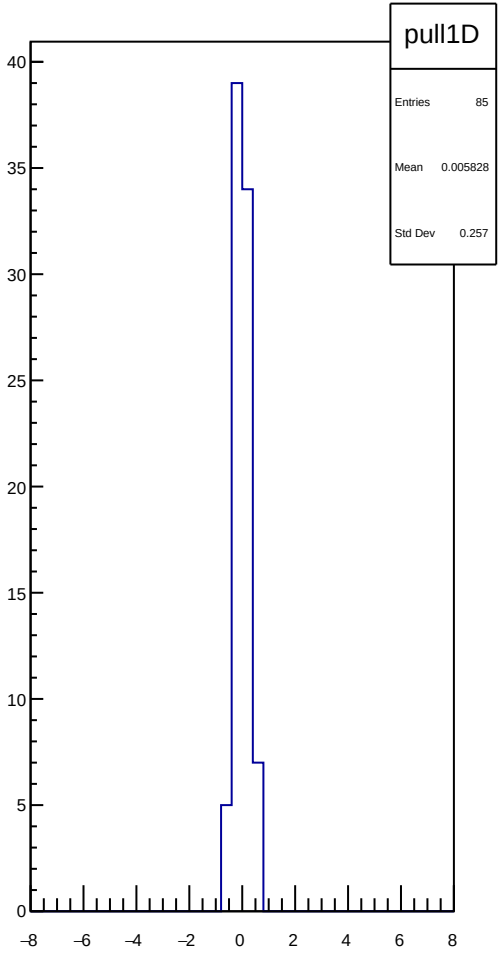

reg_asym_sam_15_dd_diff_bpm4eX_slope vs run
χ² / ndf 4.469 / 84
p0 −12.38 ± 0.711
pull
Entries 85
Mean −840.3
Std Dev 884.9
pull1D
Entries 85
Mean −0.003473
Std Dev 0.2293

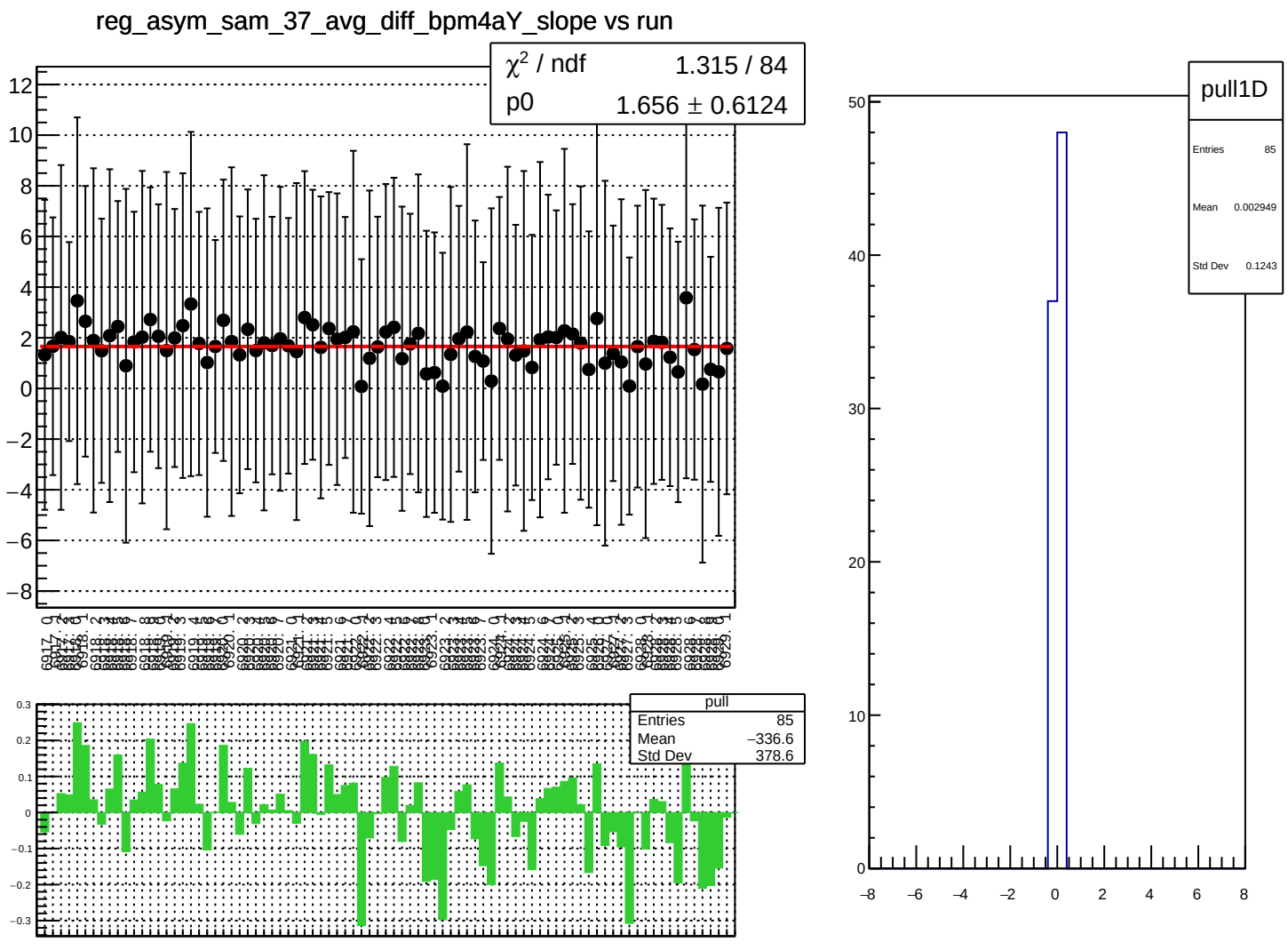

reg_asym_sam_15_dd_diff_bpm4eY_slope vs run
χ² / ndf 10.35 / 84
p0 −35.19 ± 0.6006
pull
Entries 85
Mean −858.5
Std Dev 898.2
pull1D
Entries 85
Mean 0.006623
Std Dev 0.3488

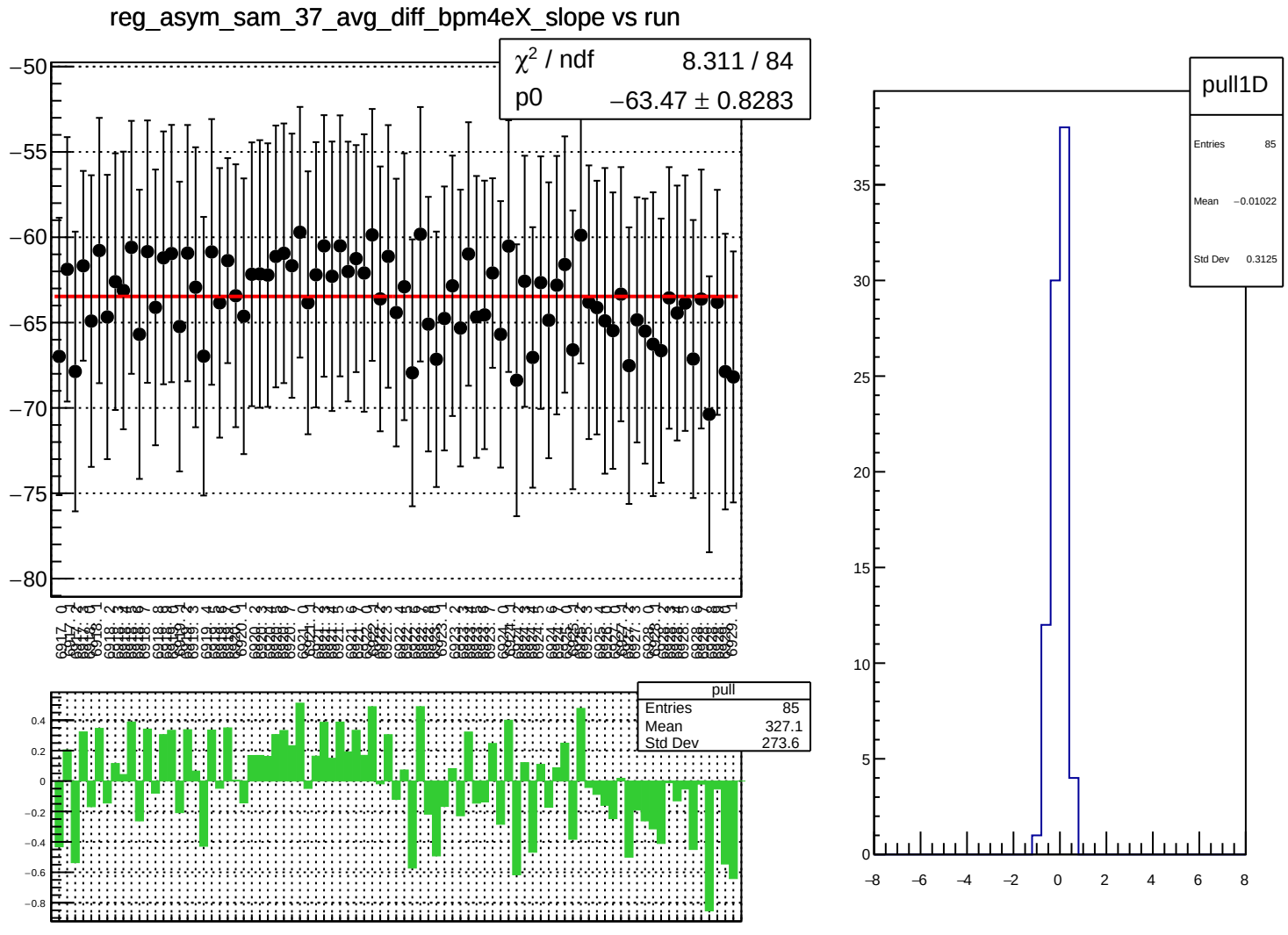

reg_asym_sam_15_dd_diff_bpm12X_slope vs run
χ² / ndf 20.94 / 84
p0 0.5617 ± 0.02543
pull
Entries 85
Mean −1287
Std Dev 1326

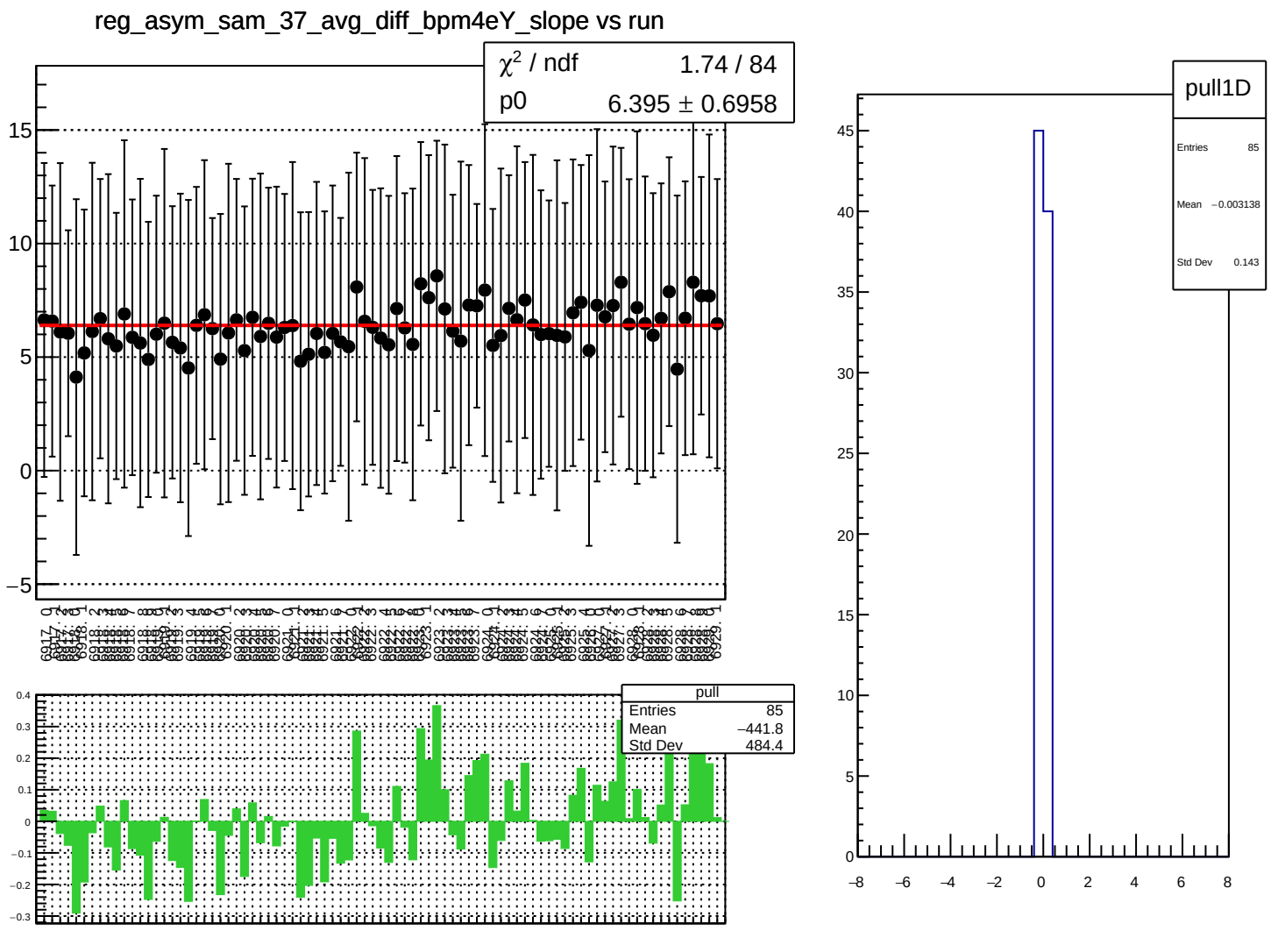

pull1D
Entries 85
Mean 0.00584
Std Dev 0.4963

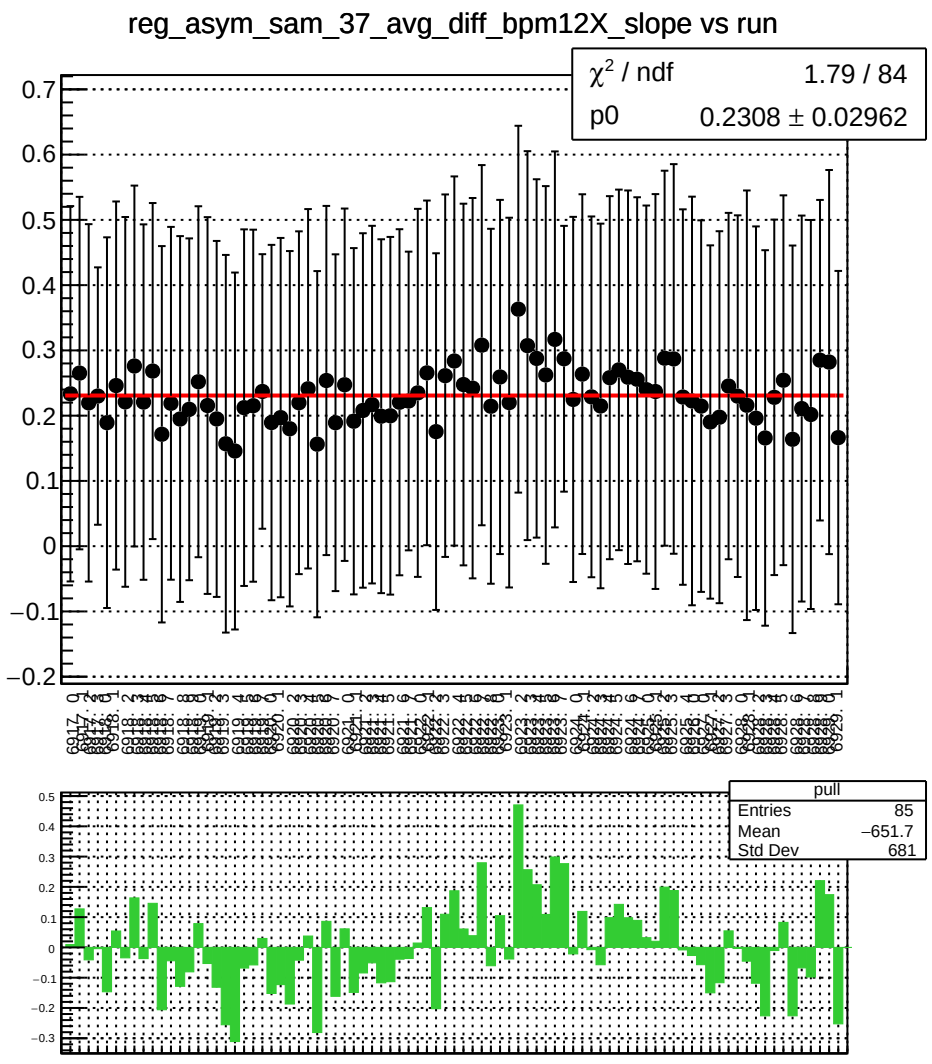

reg_asym_sam_37_avg_diff_bpm1X_slope vs run
χ² / ndf 5.617 / 84
p0 −11.11 ± 0.893
pull
Entries 85
Mean 520.4
Std Dev 469.6

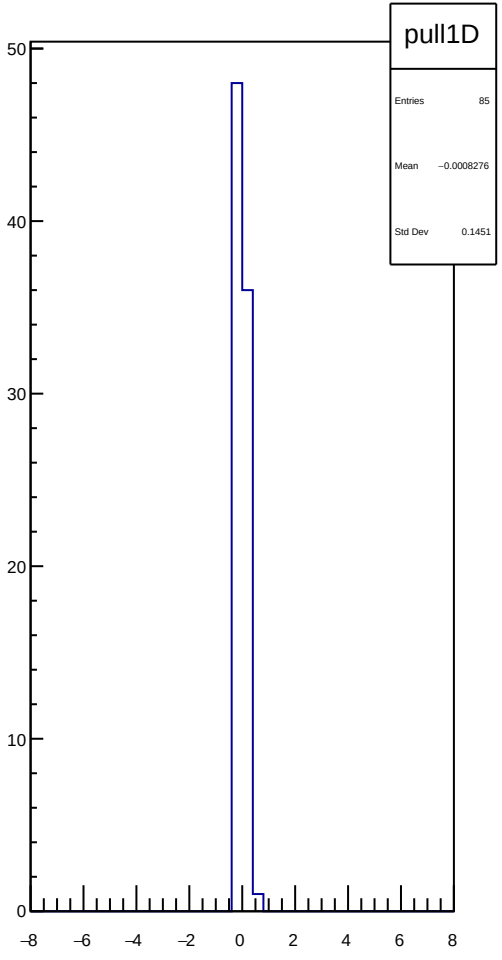

pull1D
Entries 85
Mean 0.005828
Std Dev 0.257

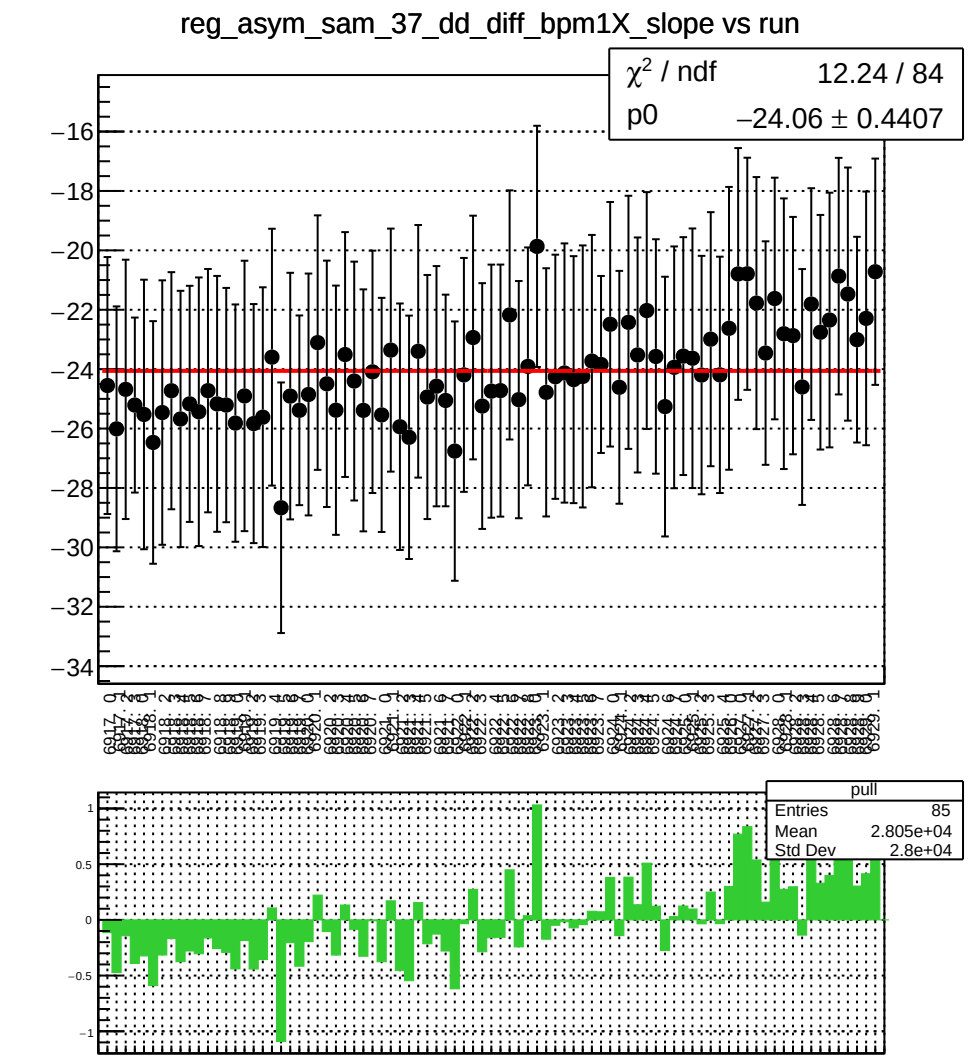

reg_asym_sam_37_avg_diff_bpm4aY_slope vs run
χ² / ndf 1.315 / 84
p0 1.656 ± 0.6124
pull
Entries 85
Mean −336.6
Std Dev 378.6
pull1D
Entries 85
Mean 0.002949
Std Dev 0.1243

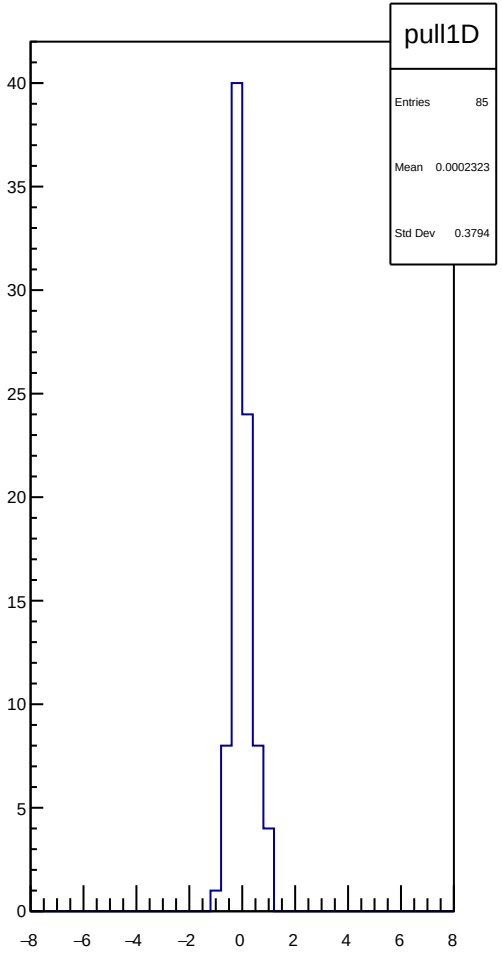

reg_asym_sam_37_avg_diff_bpm4eX_slope vs run
χ² / ndf 8.311 / 84
p0 −63.47 ± 0.8283
pull
Entries 85
Mean 327.1
Std Dev 273.6
pull1D
Entries 85
Mean −0.01022
Std Dev 0.3125

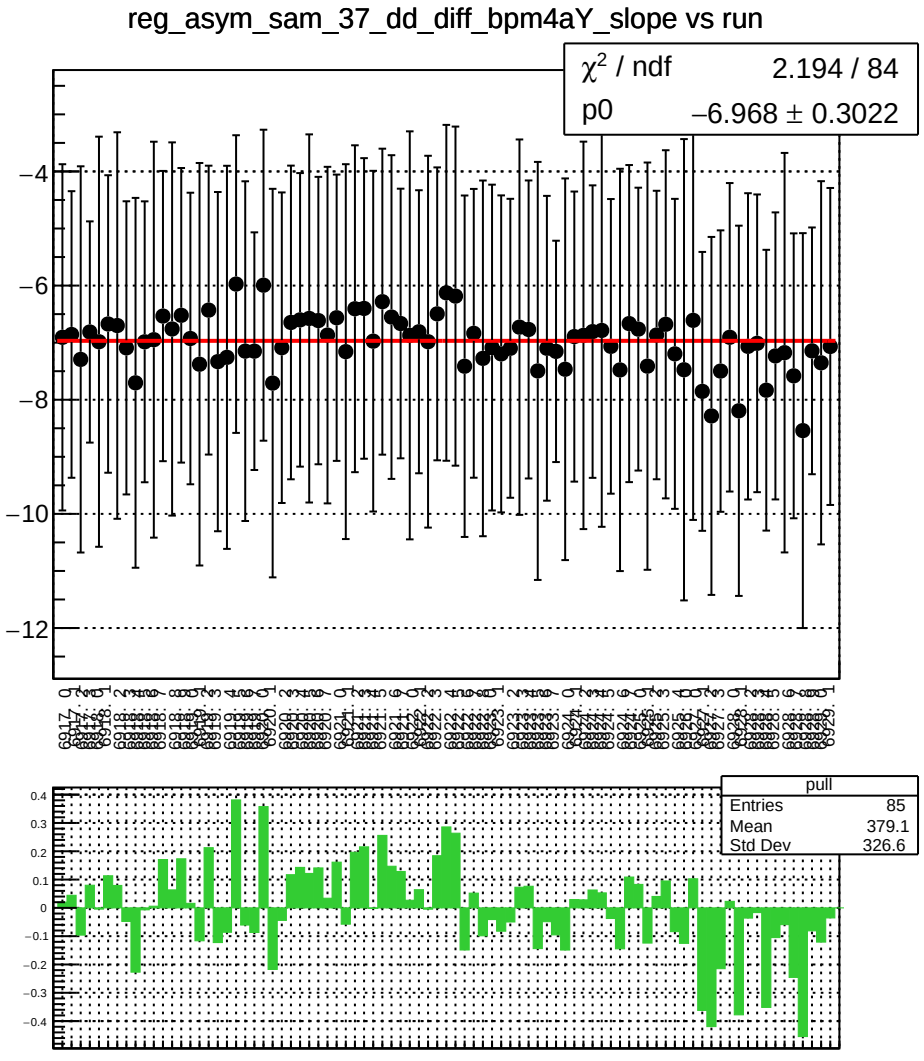

reg_asym_sam_37_avg_diff_bpm4eY_slope vs run
χ² / ndf 1.74 / 84
p0 6.395 ± 0.6958
pull
Entries 85
Mean −441.8
Std Dev 484.4
pull1D
Entries 85
Mean −0.003138
Std Dev 0.143

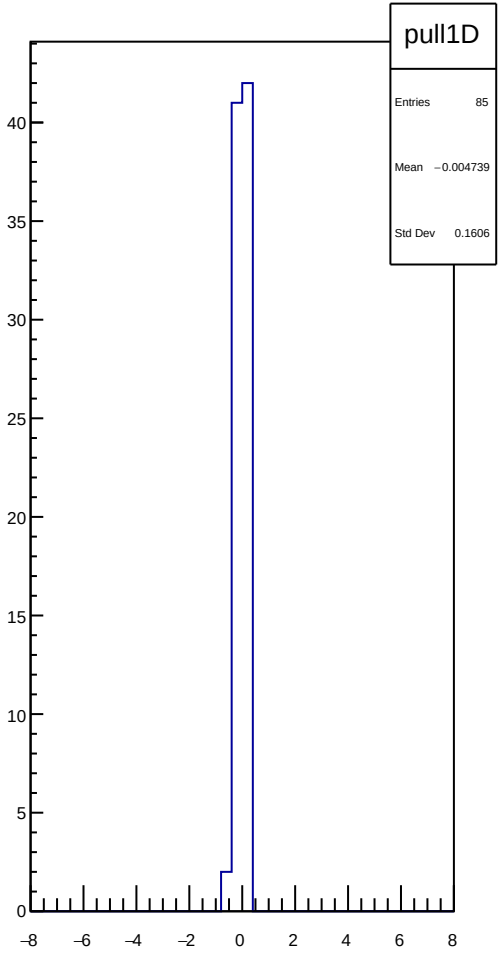

reg_asym_sam_37_avg_diff_bpm12X_slope vs run
χ² / ndf 1.79 / 84
p0 0.2308 ± 0.02962
pull
Entries 85
Mean −651.7
Std Dev 681

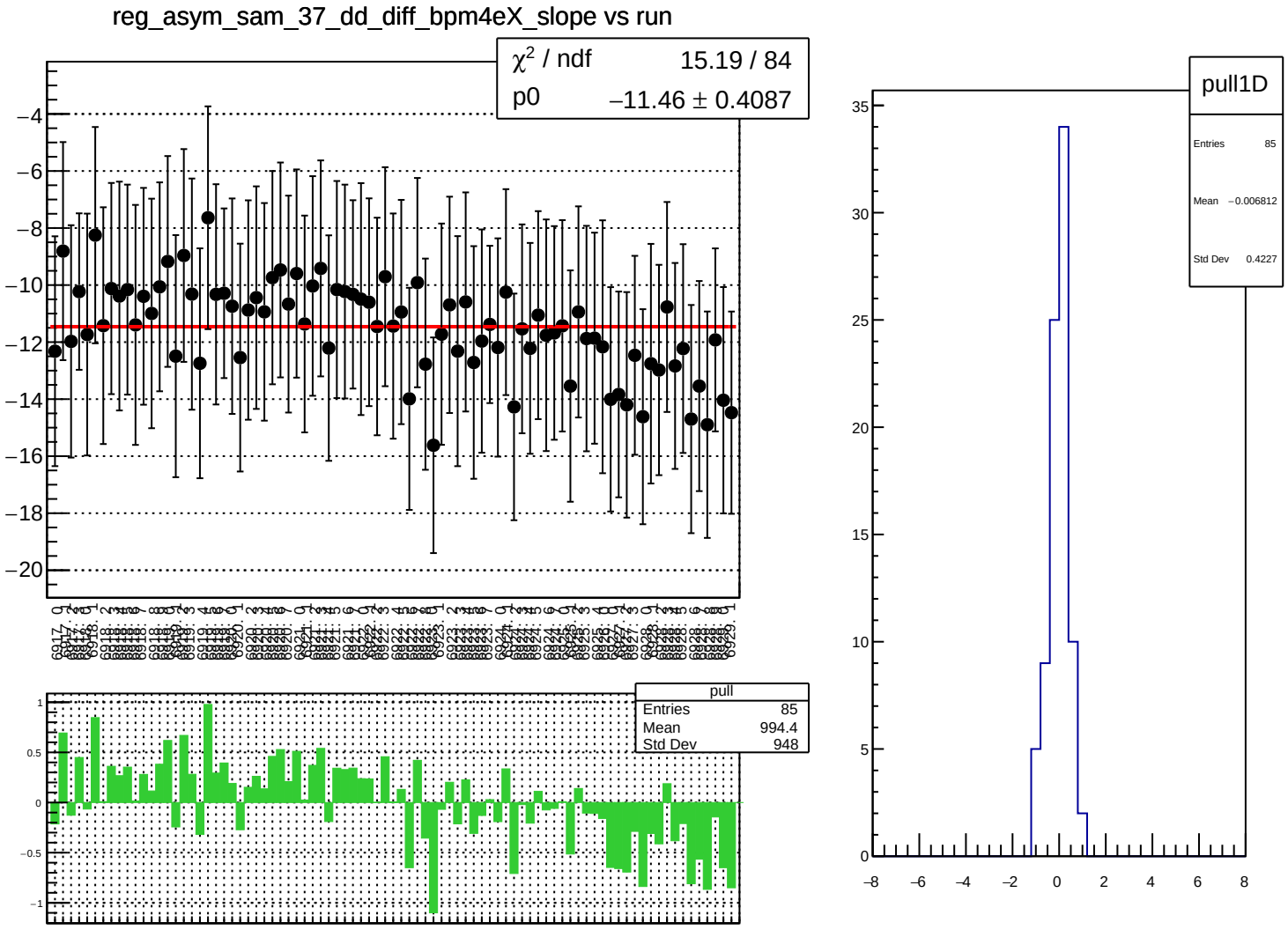

pull1D
Entries 85
Mean −0.0008276
Std Dev 0.1451

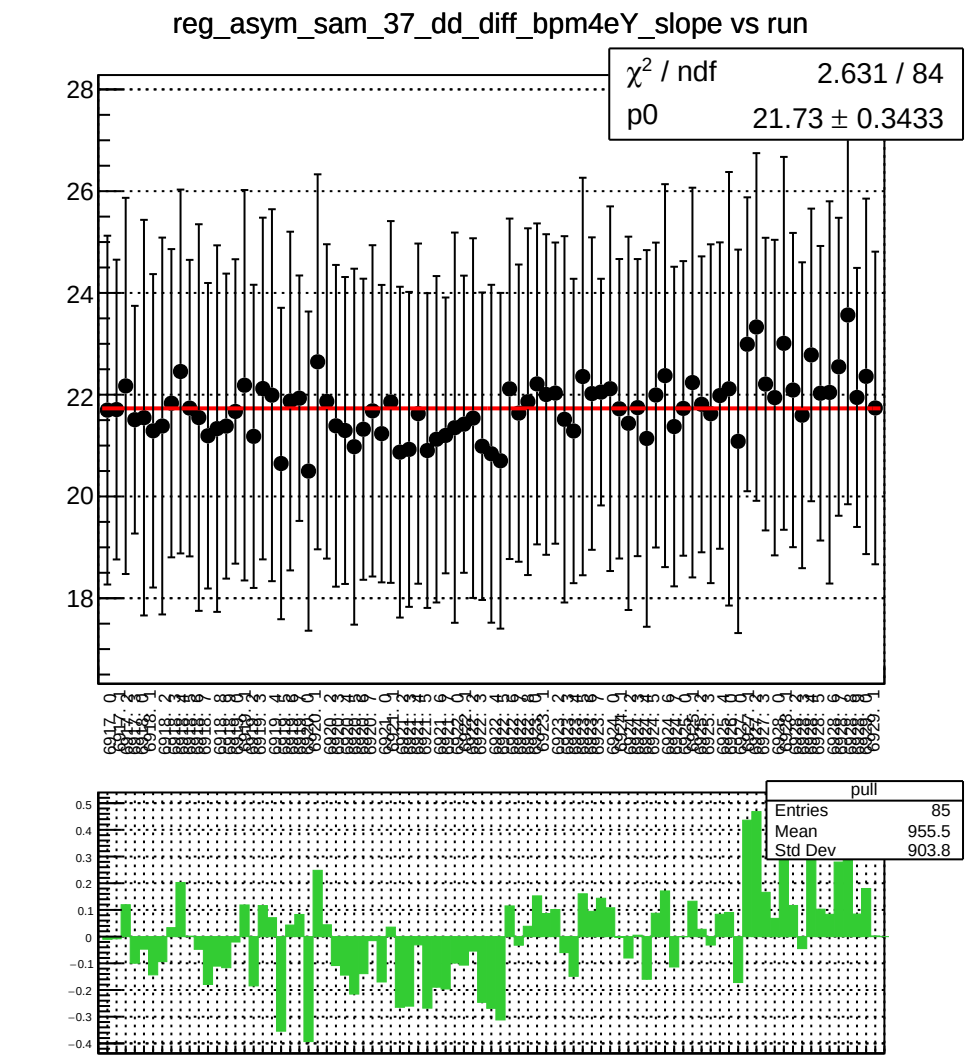

reg_asym_sam_37_dd_diff_bpm1X_slope vs run
χ² / ndf 12.24 / 84
p0 −24.06 ± 0.4407
pull
Entries 85
Mean 2.805e+04
Std Dev 2.8e+04

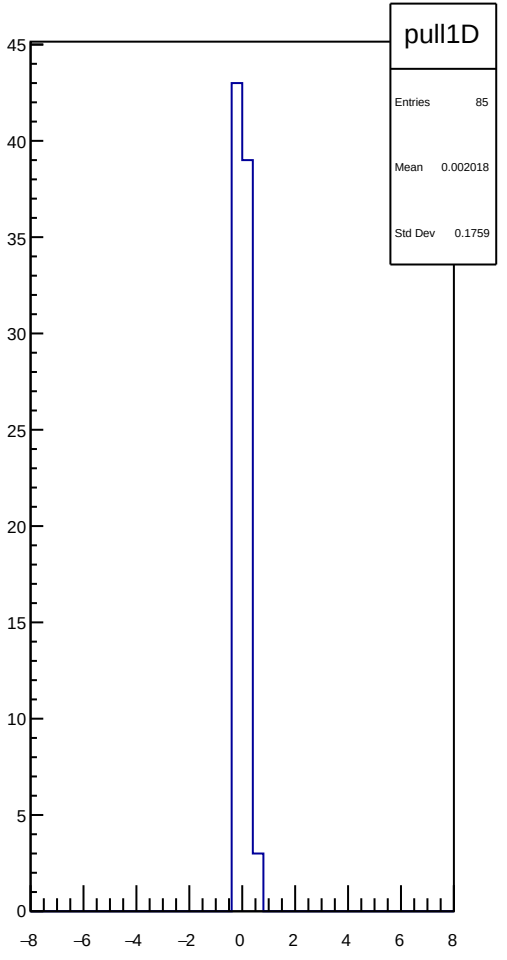

pull1D
Entries 85
Mean 0.0002323
Std Dev 0.3794

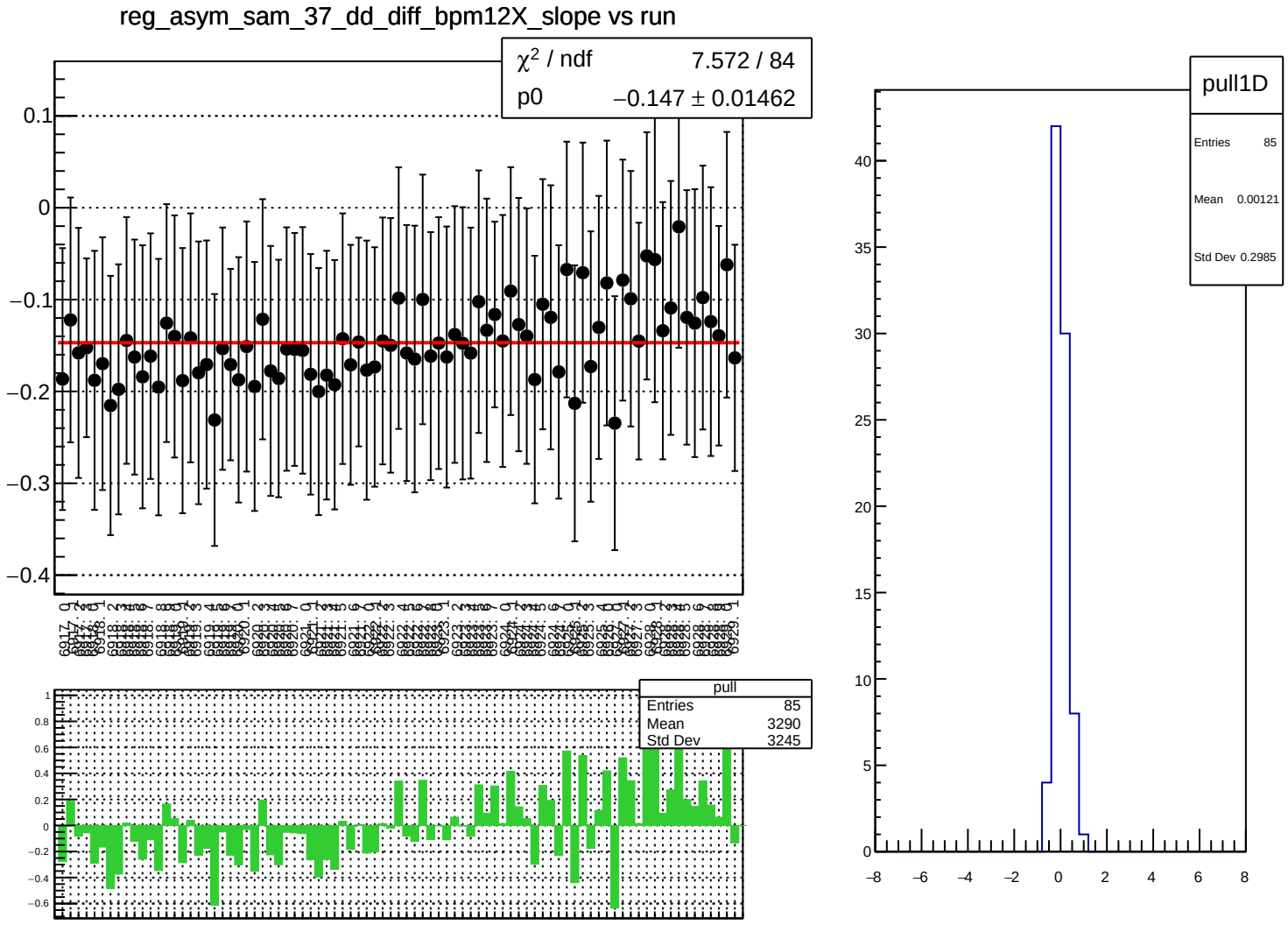

reg_asym_sam_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 2.194 / 84
p0 −6.968 ± 0.3022
pull
Entries 85
Mean 379.1
Std Dev 326.6

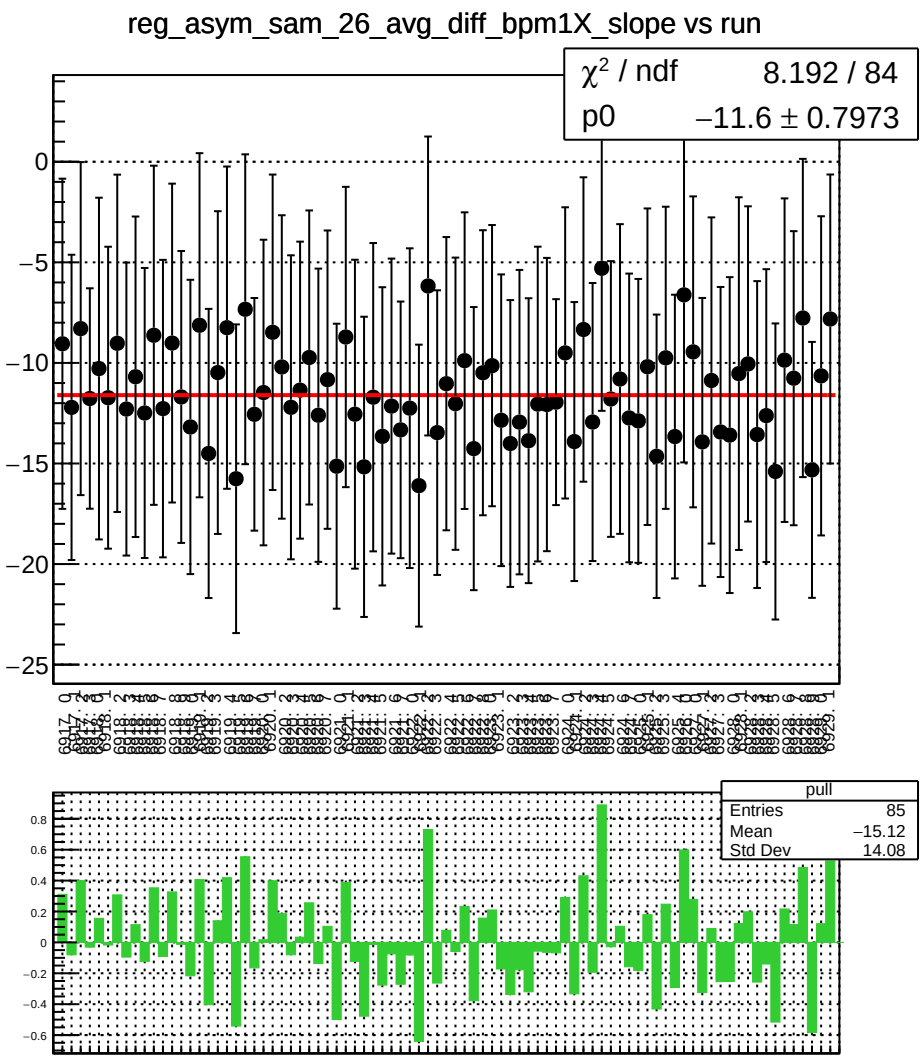

pull1D
Entries 85
Mean −0.004739
Std Dev 0.1606

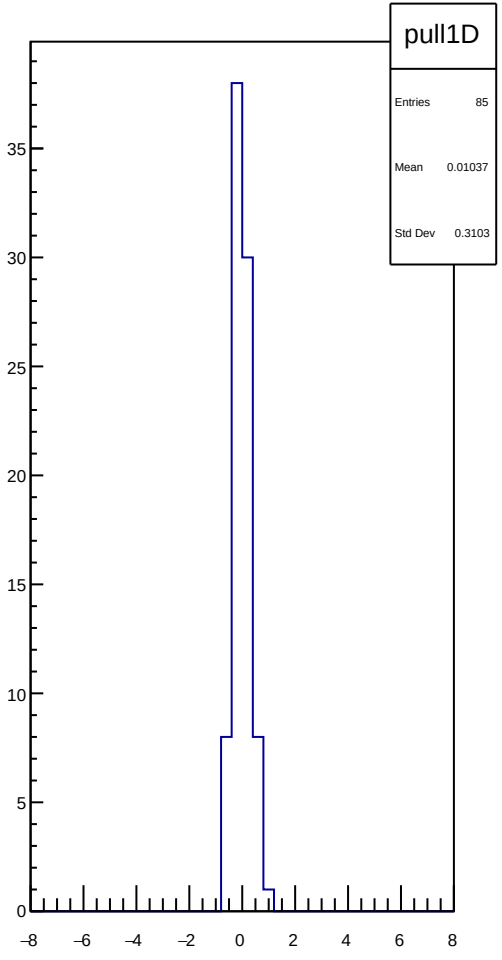

reg_asym_sam_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 15.19 / 84
p0 −11.46 ± 0.4087
pull
Entries 85
Mean 994.4
Std Dev 948
pull1D
Entries 85
Mean −0.006812
Std Dev 0.4227

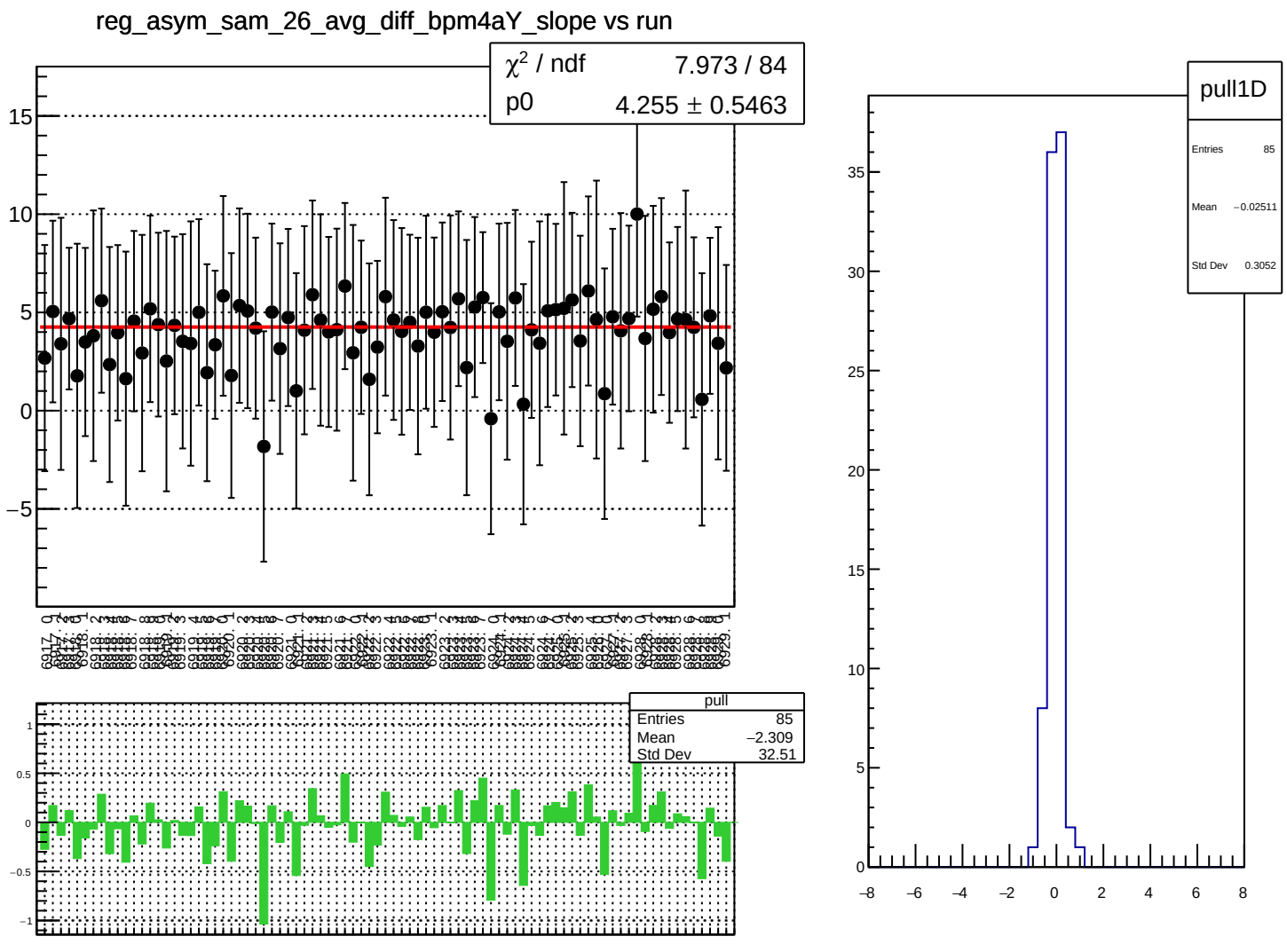

reg_asym_sam_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 2.631 / 84
p0 21.73 ± 0.3433
pull
Entries 85
Mean 955.5
Std Dev 903.8

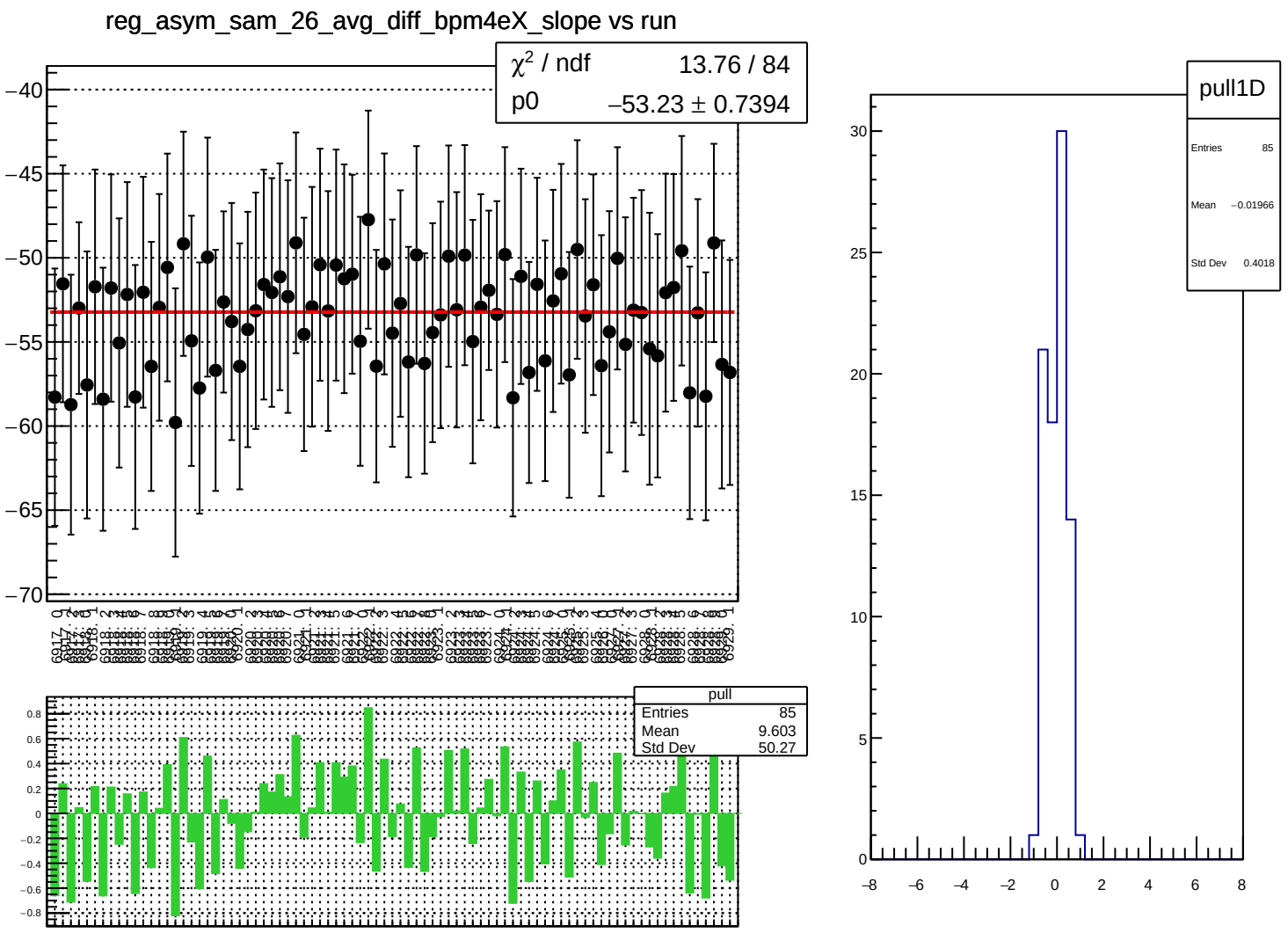

pull1D
Entries 85
Mean 0.002018
Std Dev 0.1759

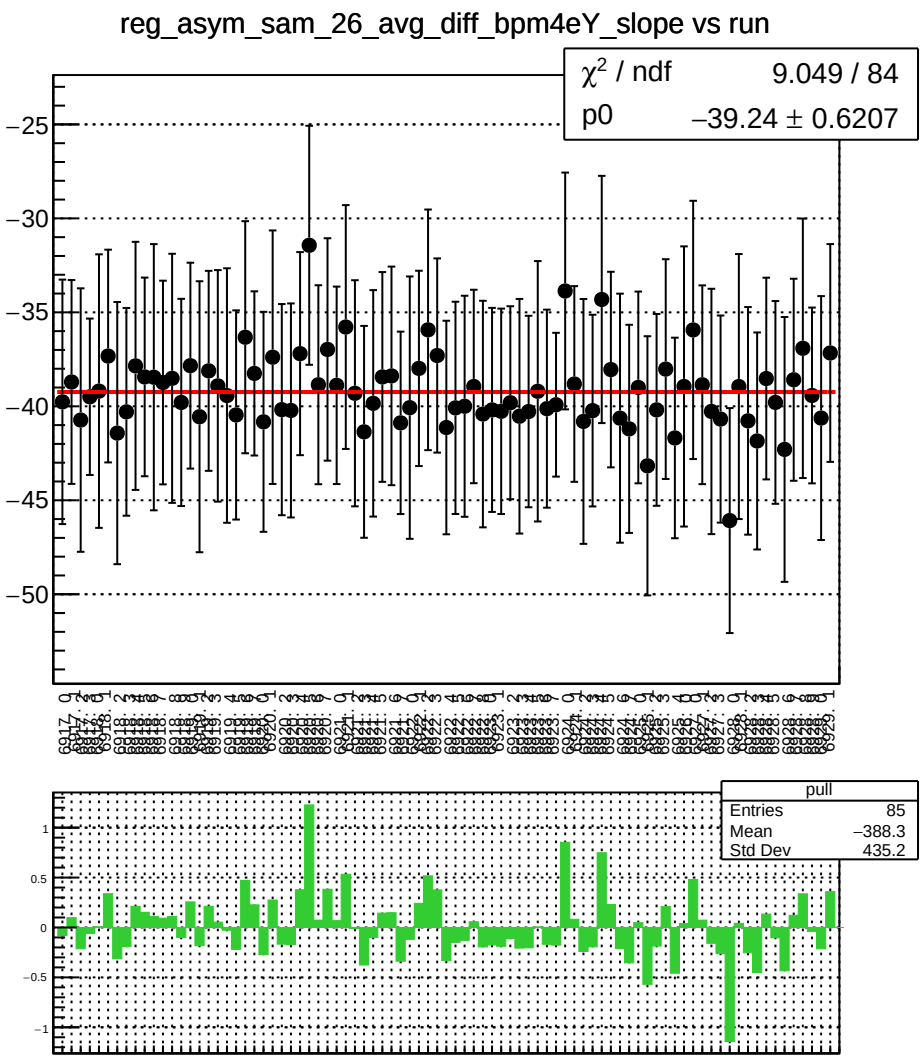

reg_asym_sam_37_dd_diff_bpm12X_slope vs run
χ² / ndf 7.572 / 84
p0 −0.147 ± 0.01462
pull
Entries 85
Mean 3290
Std Dev 3245
pull1D
Entries 85
Mean 0.00121
Std Dev 0.2985

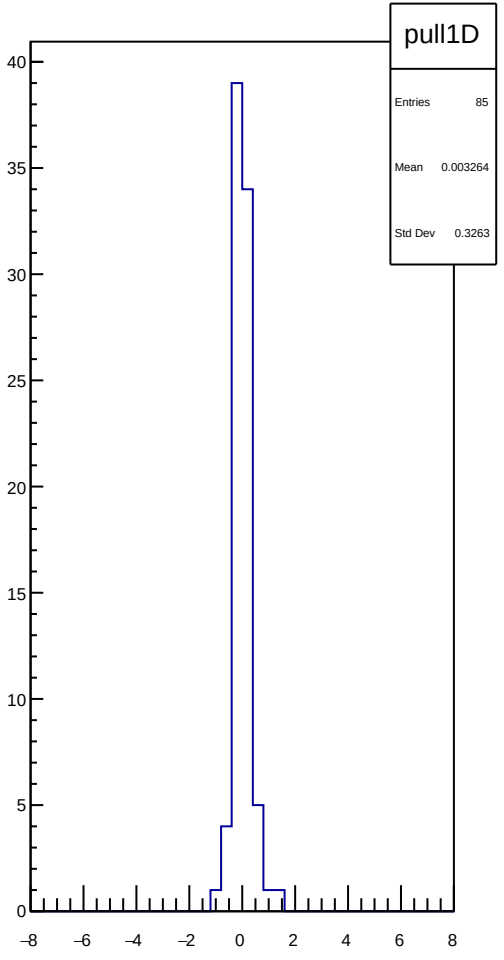

reg_asym_sam_26_avg_diff_bpm1X_slope vs run
χ² / ndf 8.192 / 84
p0 −11.6 ± 0.7973
pull
Entries 85
Mean −15.12
Std Dev 14.08

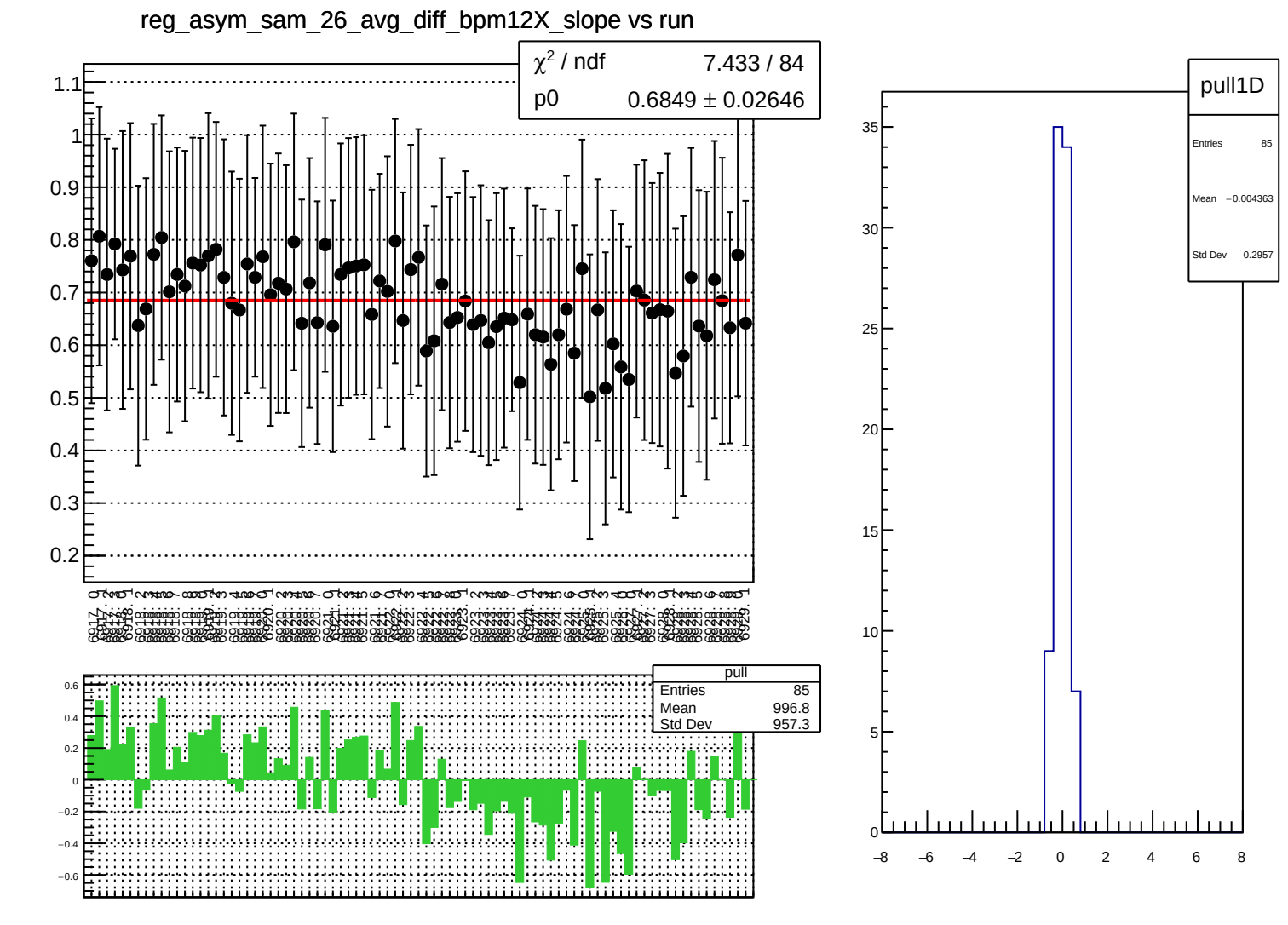

pull1D
Entries 85
Mean 0.01037
Std Dev 0.3103

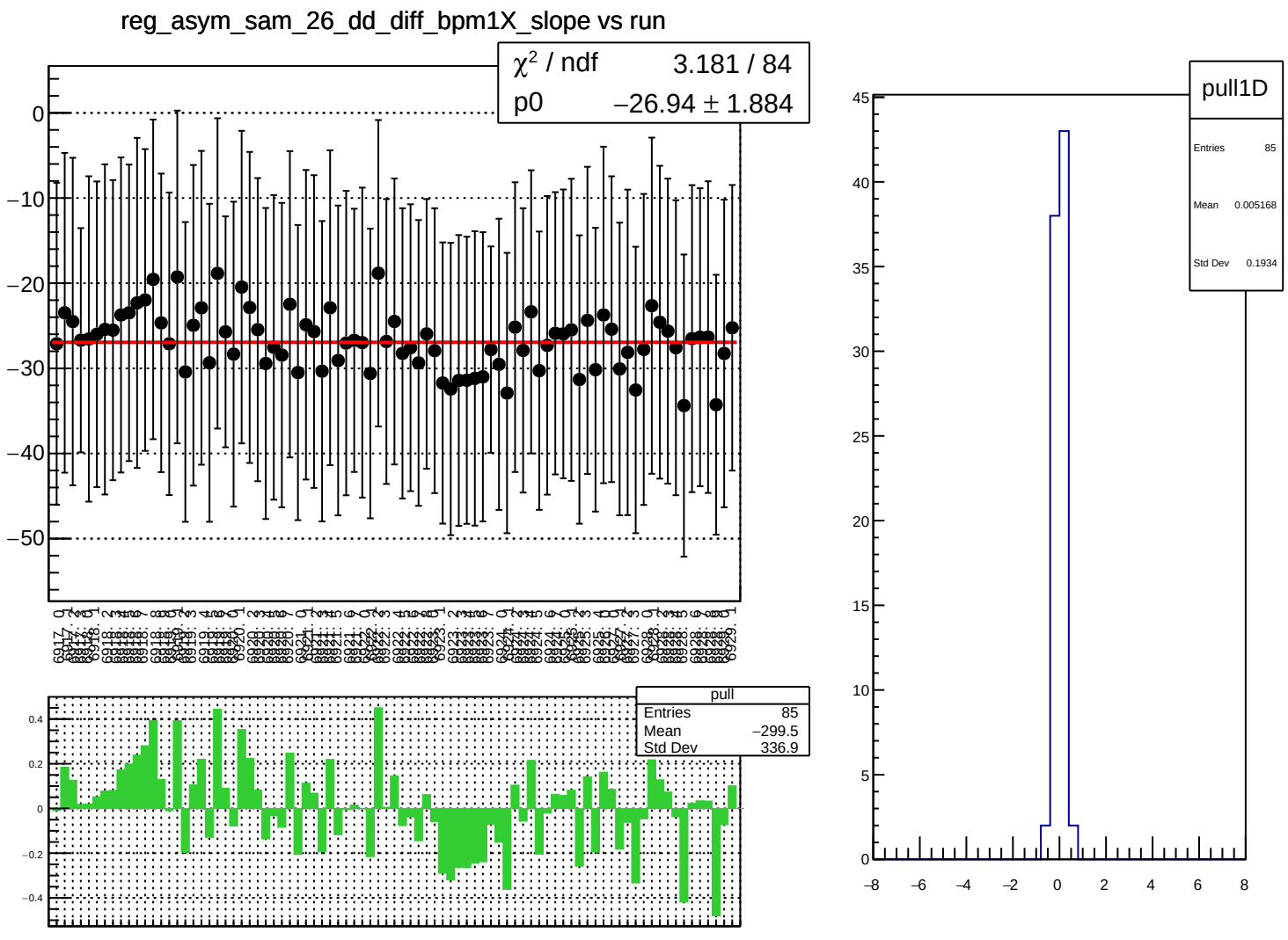

reg_asym_sam_26_avg_diff_bpm4aY_slope vs run
χ² / ndf 7.973 / 84
p0 4.255 ± 0.5463
pull
Entries 85
Mean −2.309
Std Dev 32.51
pull1D
Entries 85
Mean −0.02511
Std Dev 0.3052

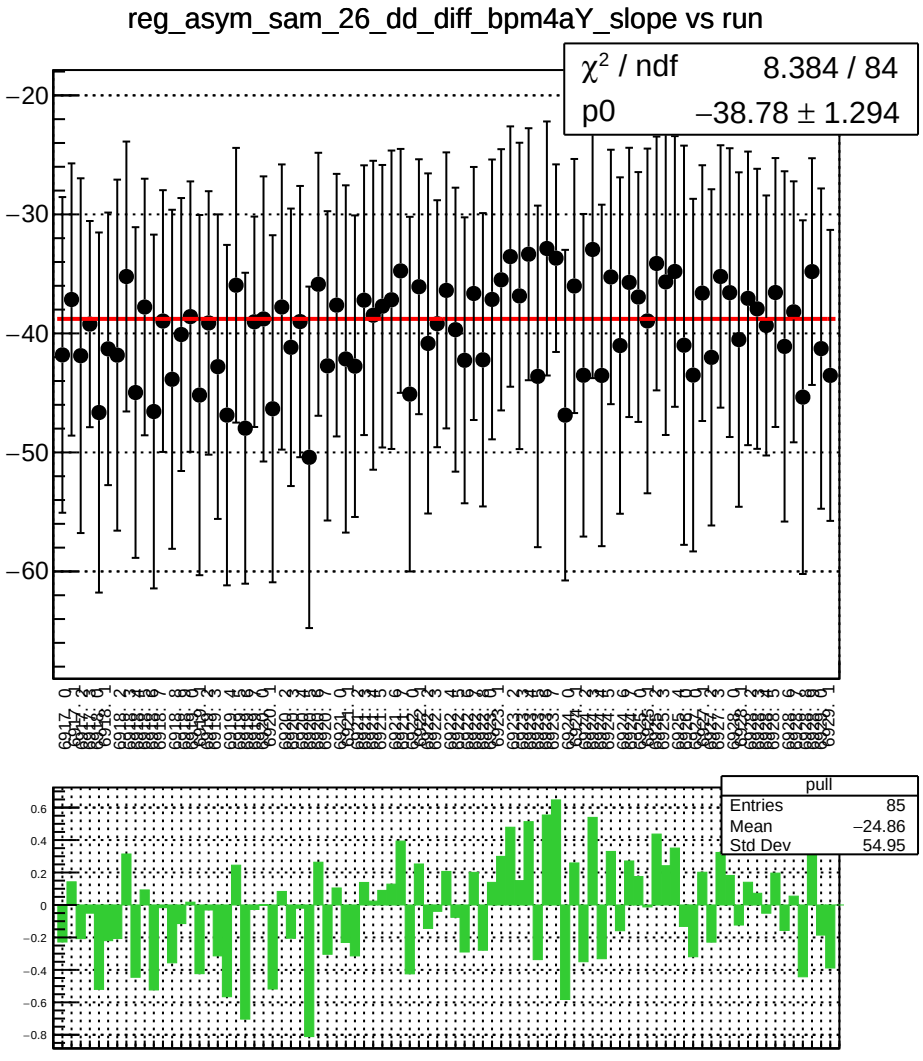

reg_asym_sam_26_avg_diff_bpm4eX_slope vs run
χ² / ndf 13.76 / 84
p0 −53.23 ± 0.7394
pull
Entries 85
Mean 9.603
Std Dev 50.27
pull1D
Entries 85
Mean −0.01966
Std Dev 0.4018

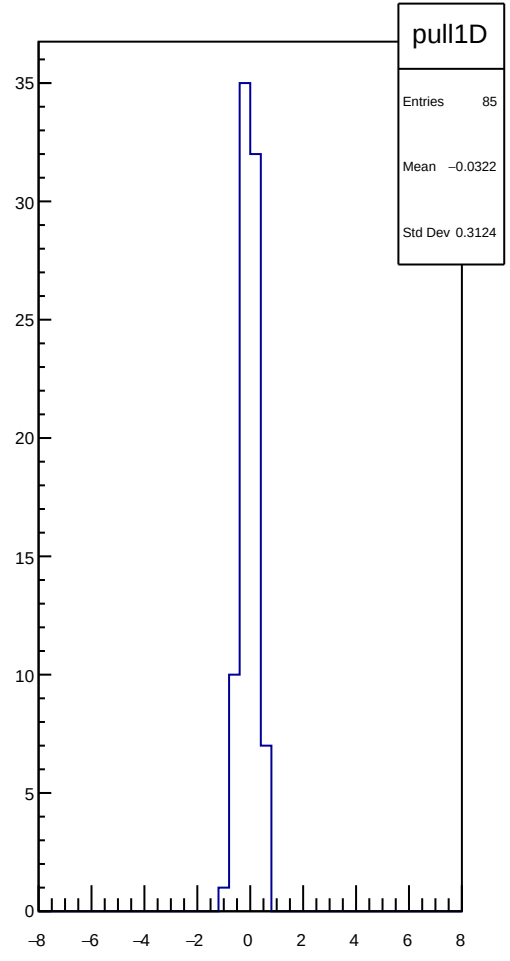

reg_asym_sam_26_avg_diff_bpm4eY_slope vs run
χ² / ndf 9.049 / 84
p0 −39.24 ± 0.6207
pull
Entries 85
Mean −388.3
Std Dev 435.2

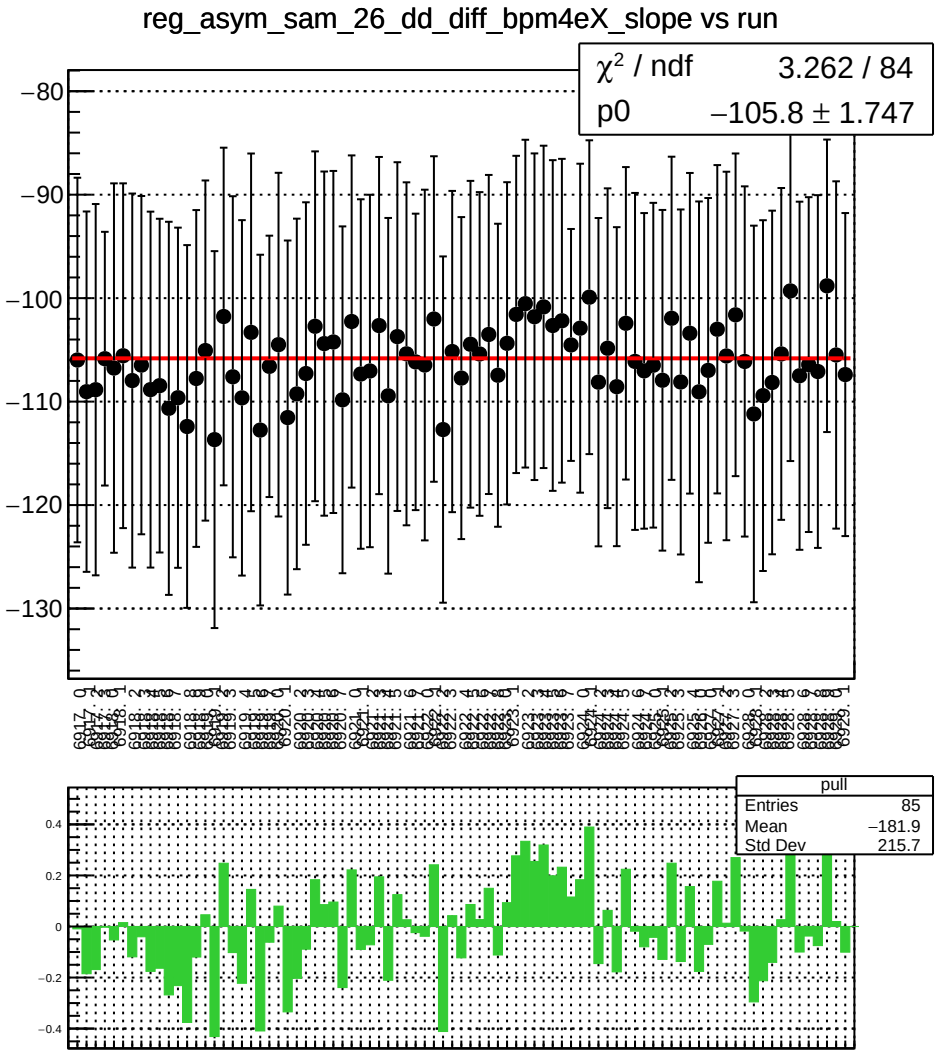

pull1D
Entries 85
Mean 0.003264
Std Dev 0.3263

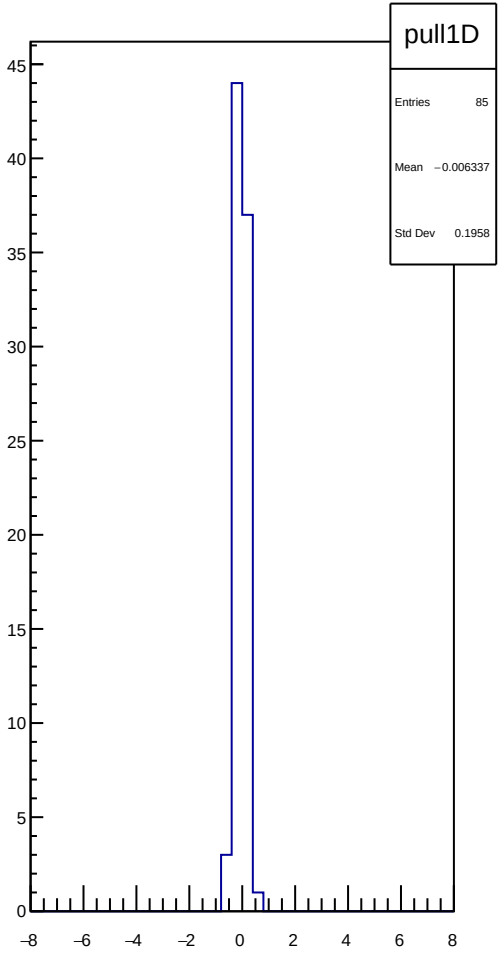

reg_asym_sam_26_avg_diff_bpm12X_slope vs run
χ² / ndf 7.433 / 84
p0 0.6849 ± 0.02646
pull
Entries 85
Mean 996.8
Std Dev 957.3
pull1D
Entries 85
Mean −0.004363
Std Dev 0.2957

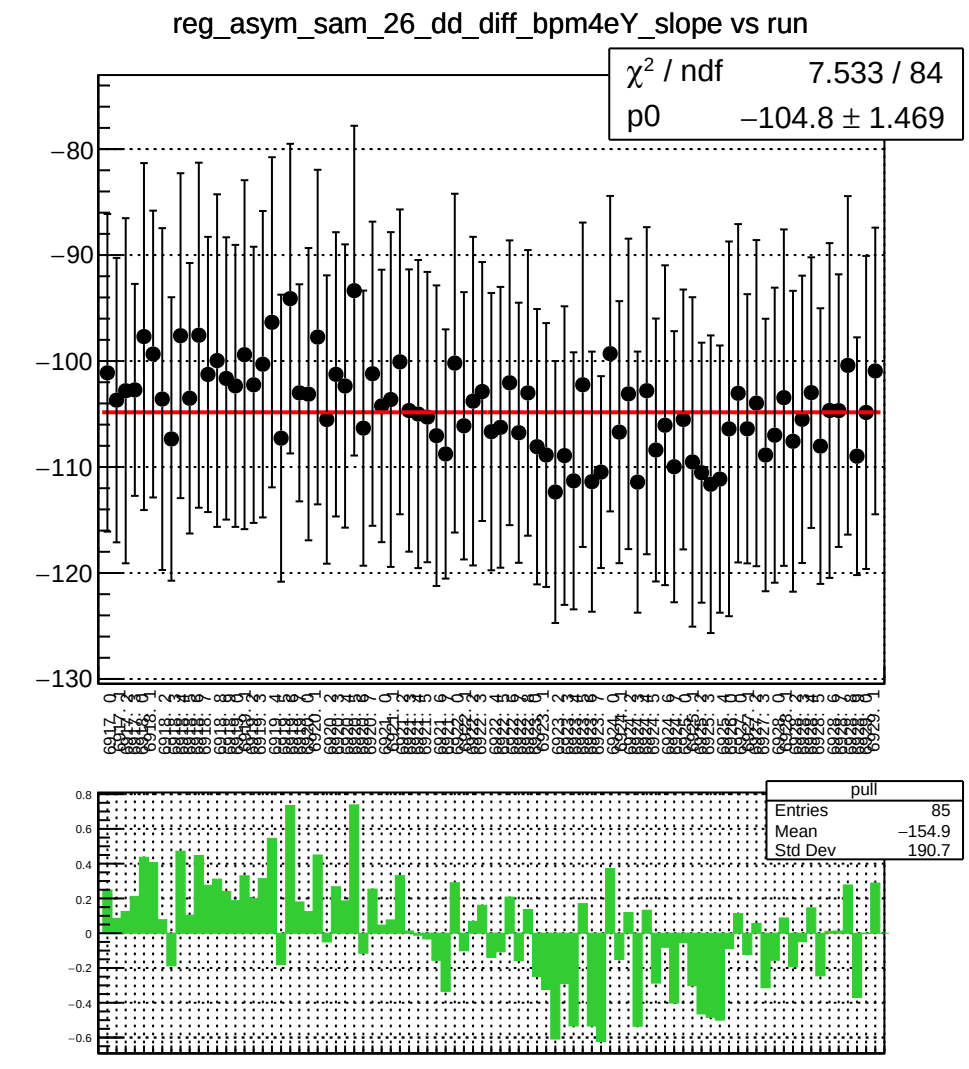

reg_asym_sam_26_dd_diff_bpm1X_slope vs run
χ² / ndf 3.181 / 84
p0 −26.94 ± 1.884
pull
Entries 85
Mean −299.5
Std Dev 336.9
pull1D
Entries 85
Mean 0.005168
Std Dev 0.1934

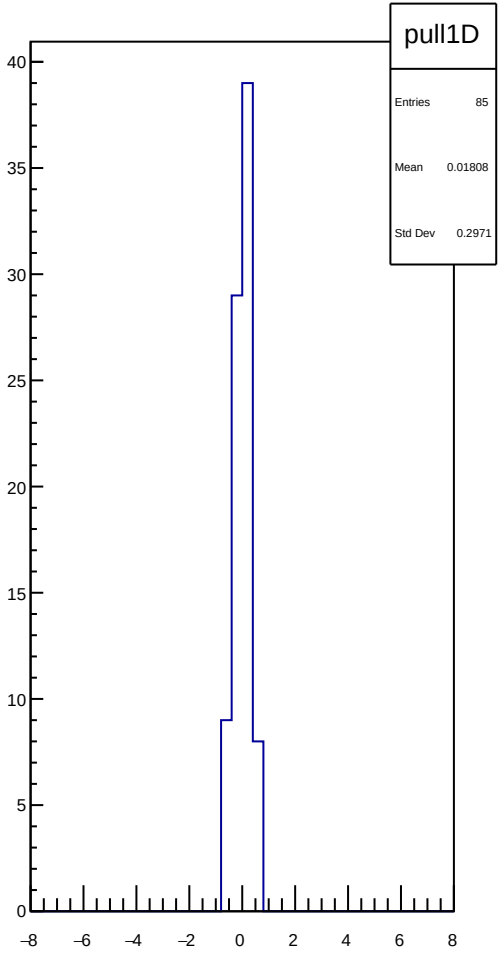

reg_asym_sam_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 8.384 / 84
p0 −38.78 ± 1.294
pull
Entries 85
Mean −24.86
Std Dev 54.95

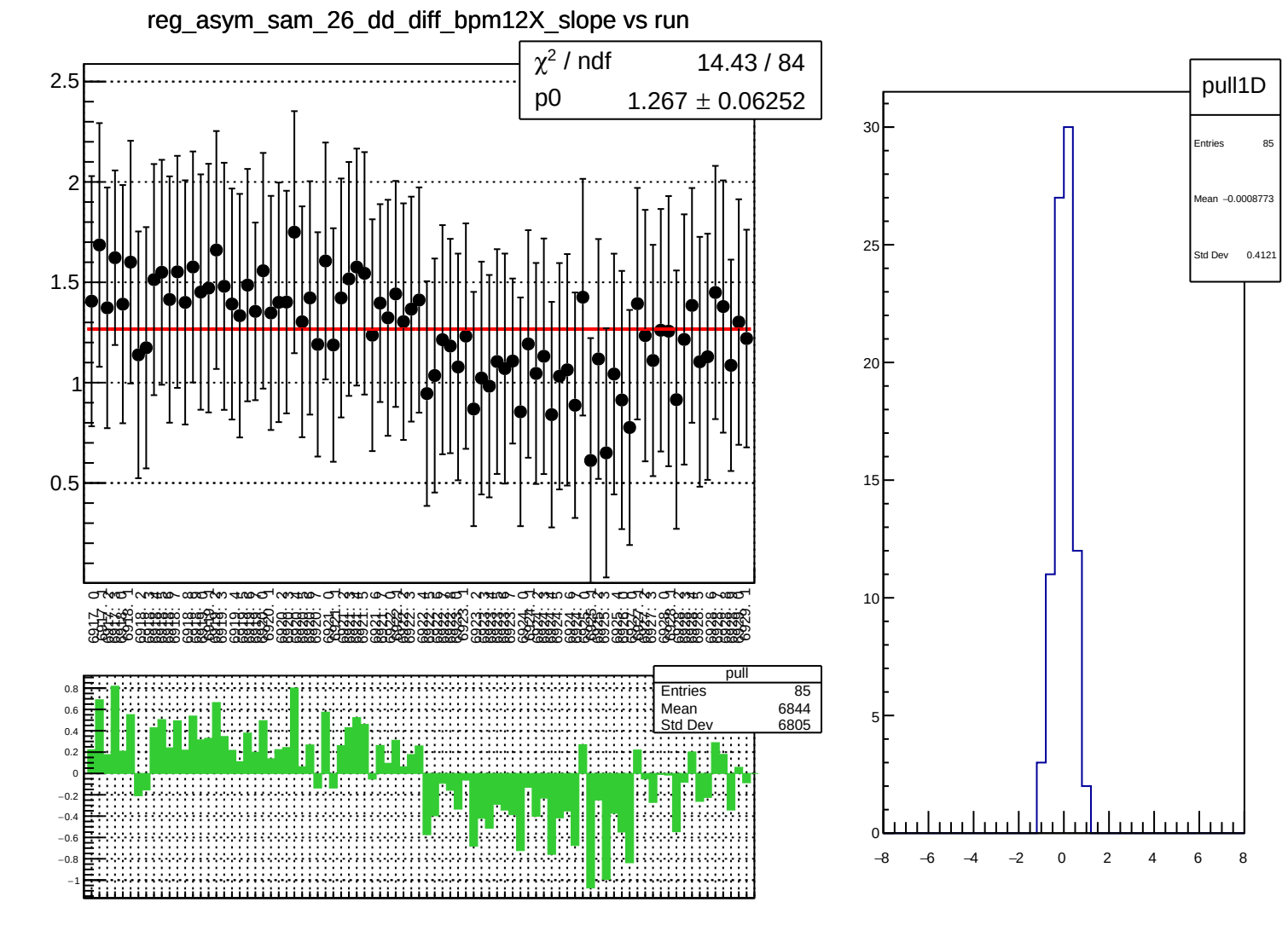

pull1D
Entries 85
Mean −0.0322
Std Dev 0.3124

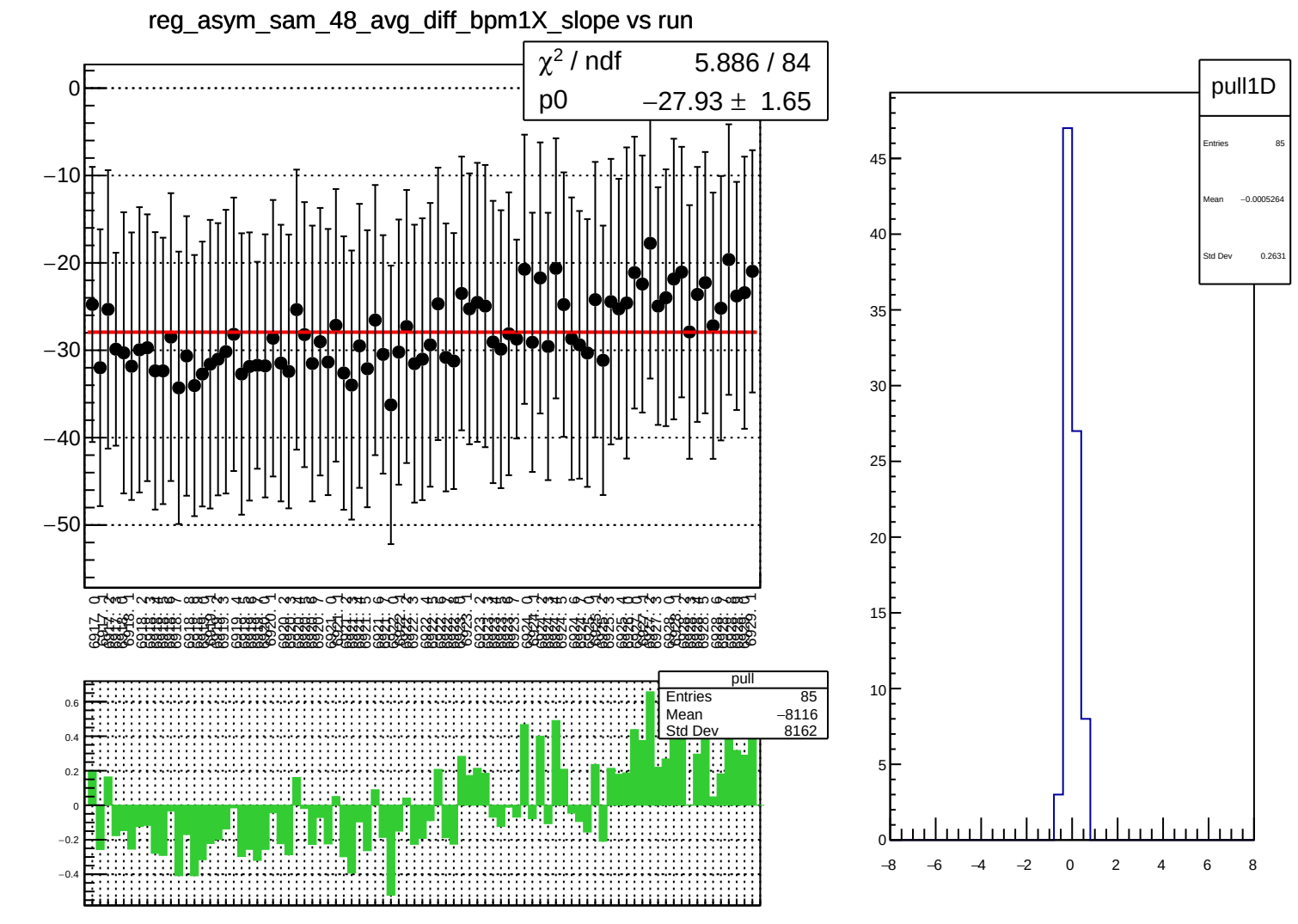

reg_asym_sam_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 3.262 / 84
p0 −105.8 ± 1.747
pull
Entries 85
Mean −181.9
Std Dev 215.7

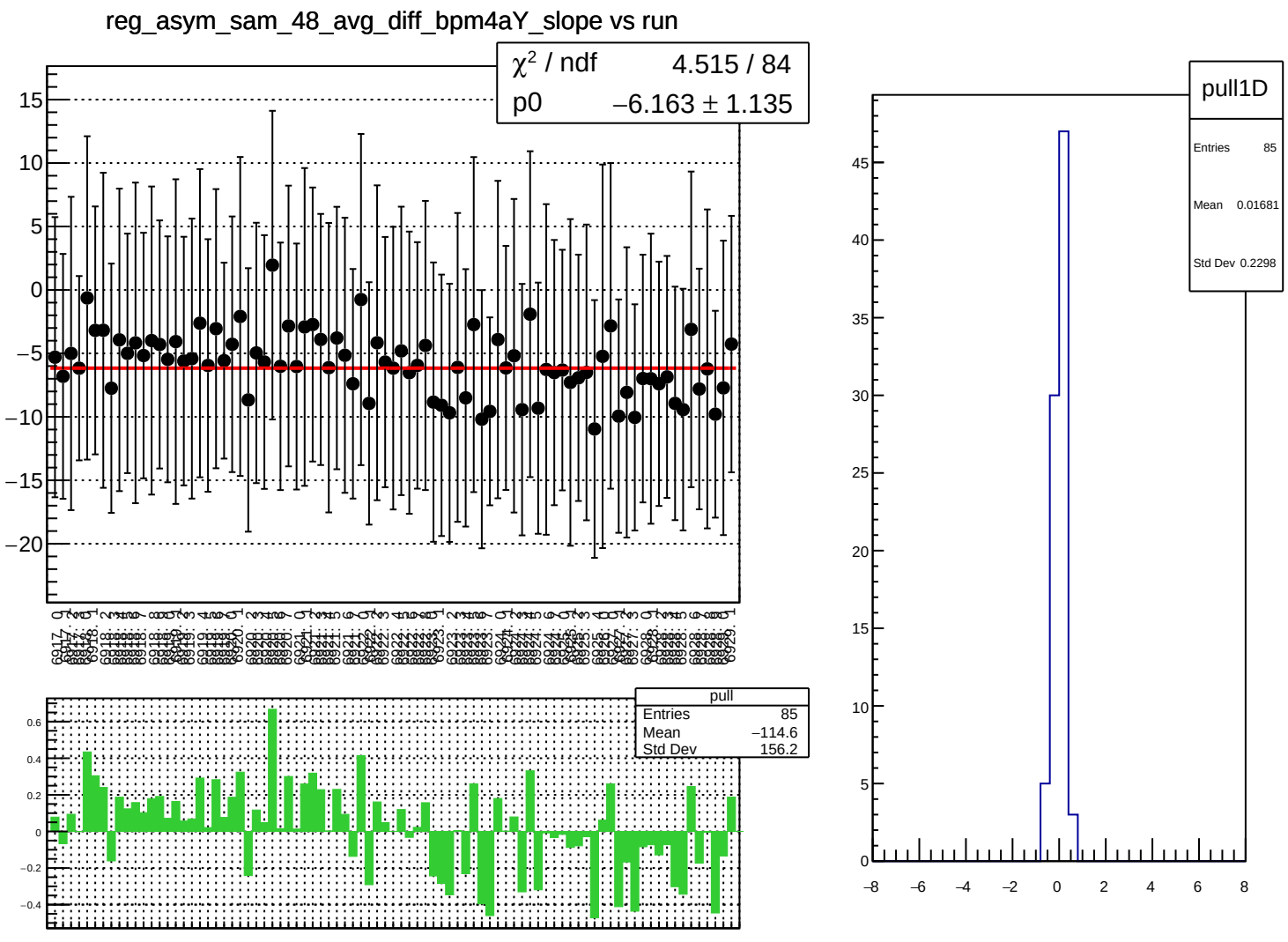

pull1D
Entries 85
Mean −0.006337
Std Dev 0.1958

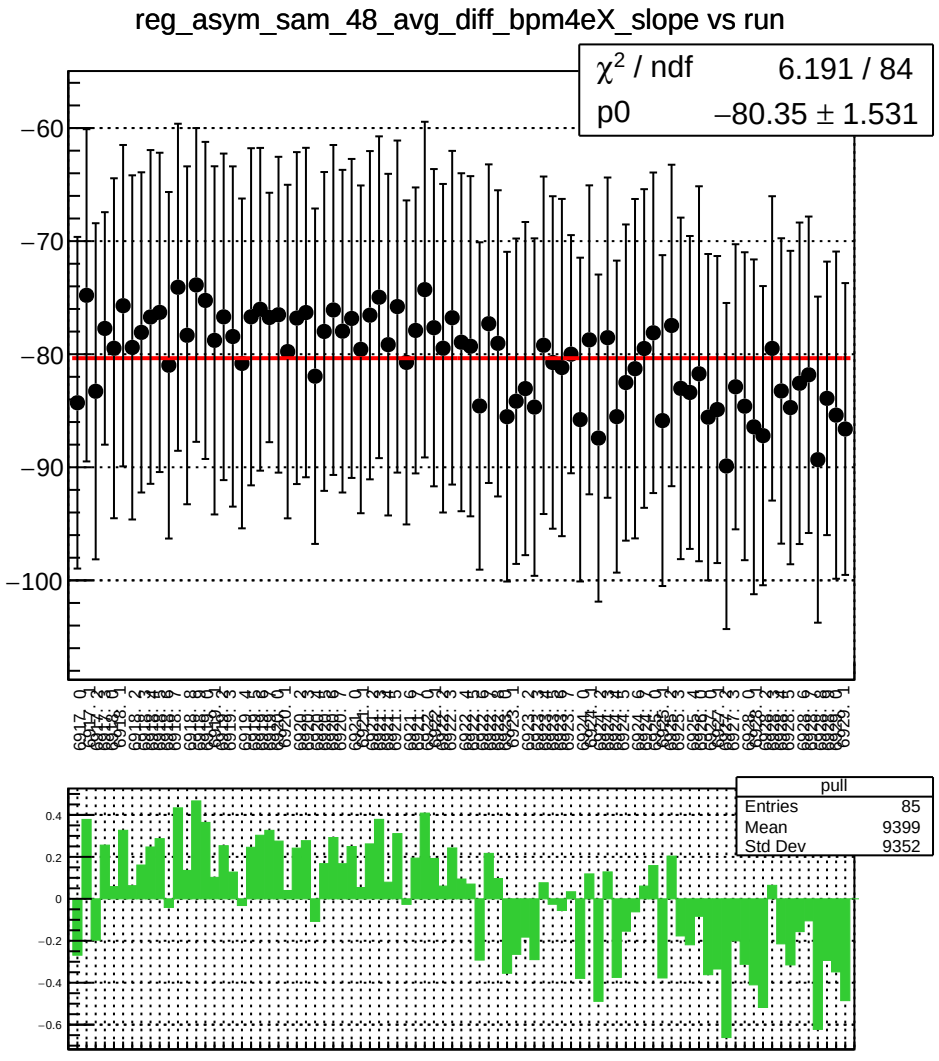

reg_asym_sam_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 7.533 / 84
p0 −104.8 ± 1.469
pull
Entries 85
Mean −154.9
Std Dev 190.7

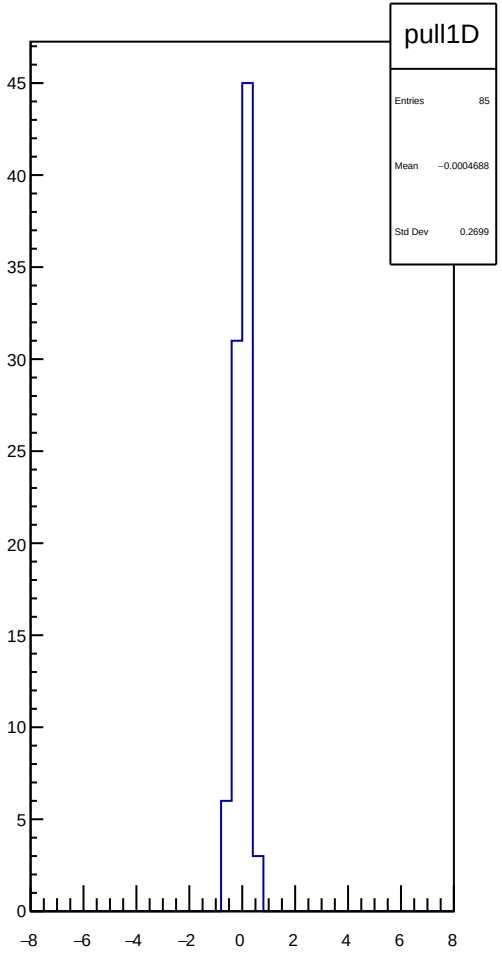

pull1D
Entries 85
Mean 0.01808
Std Dev 0.2971

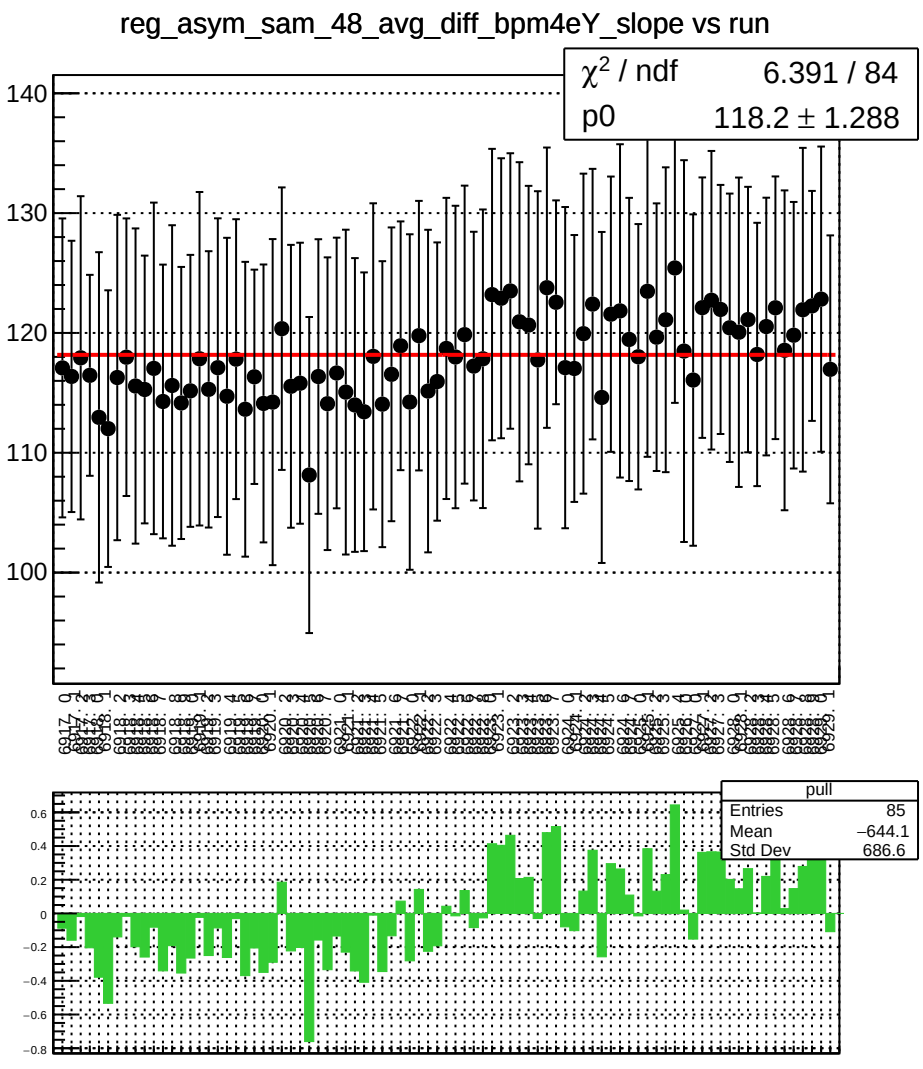

reg_asym_sam_26_dd_diff_bpm12X_slope vs run
χ² / ndf 14.43 / 84
p0 1.267 ± 0.06252
pull
Entries 85
Mean 6844
Std Dev 6805
pull1D
Entries 85
Mean −0.0008773
Std Dev 0.4121

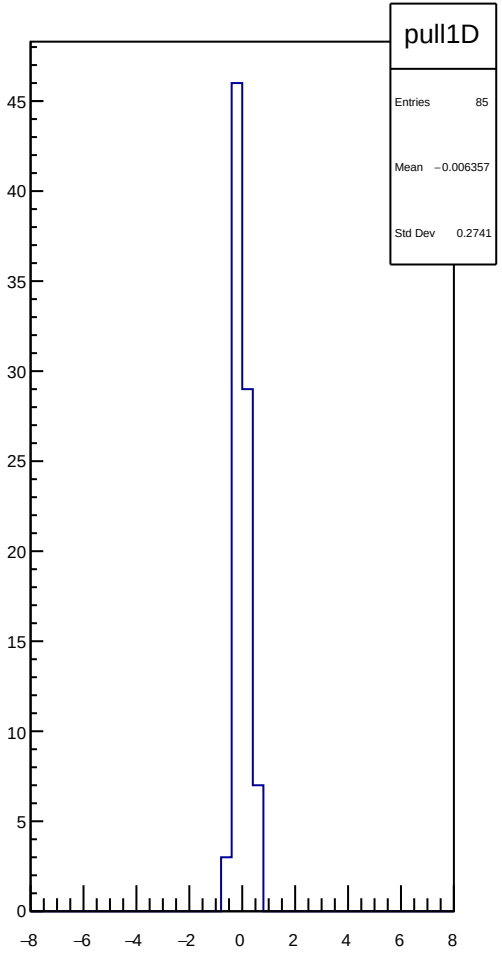

reg_asym_sam_48_avg_diff_bpm1X_slope vs run
χ² / ndf 5.886 / 84
p0 −27.93 ± 1.65
pull
Entries 85
Mean −8116
Std Dev 8162
pull1D
Entries 85
Mean −0.0005264
Std Dev 0.2631

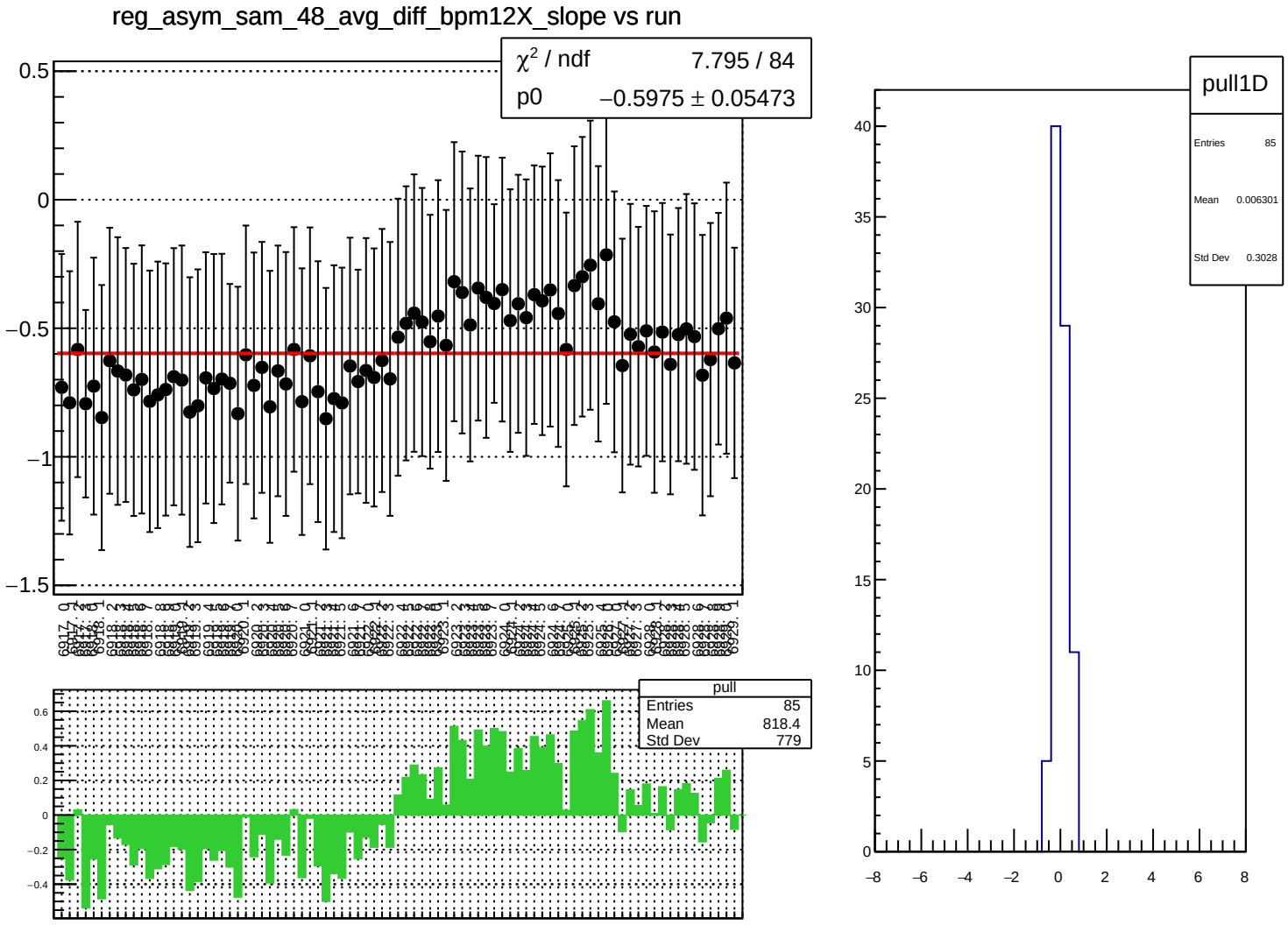

reg_asym_sam_48_avg_diff_bpm4aY_slope vs run
χ² / ndf 4.515 / 84
p0 −6.163 ± 1.135
pull
Entries 85
Mean −114.6
Std Dev 156.2
pull1D
Entries 85
Mean 0.01681
Std Dev 0.2298

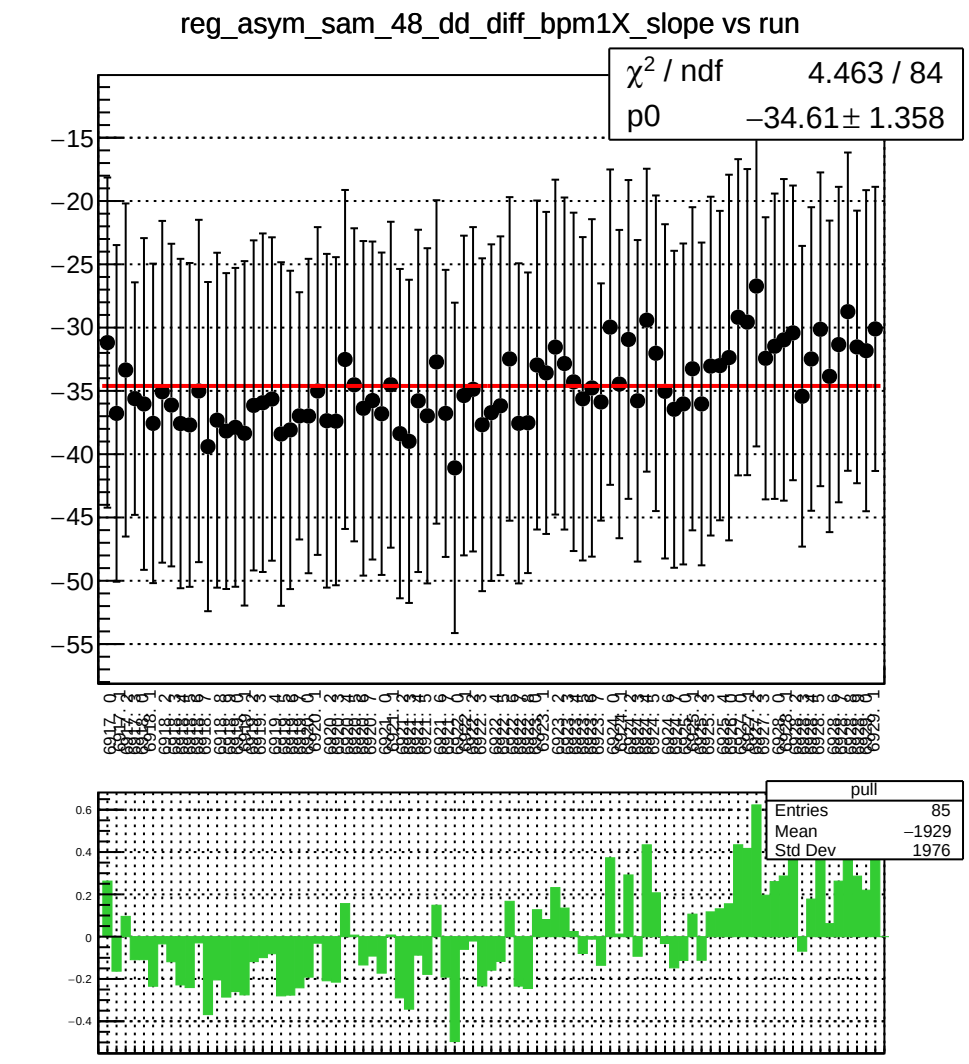

reg_asym_sam_48_avg_diff_bpm4eX_slope vs run
χ² / ndf 6.191 / 84
p0 −80.35 ± 1.531
pull
Entries 85
Mean 9399
Std Dev 9352

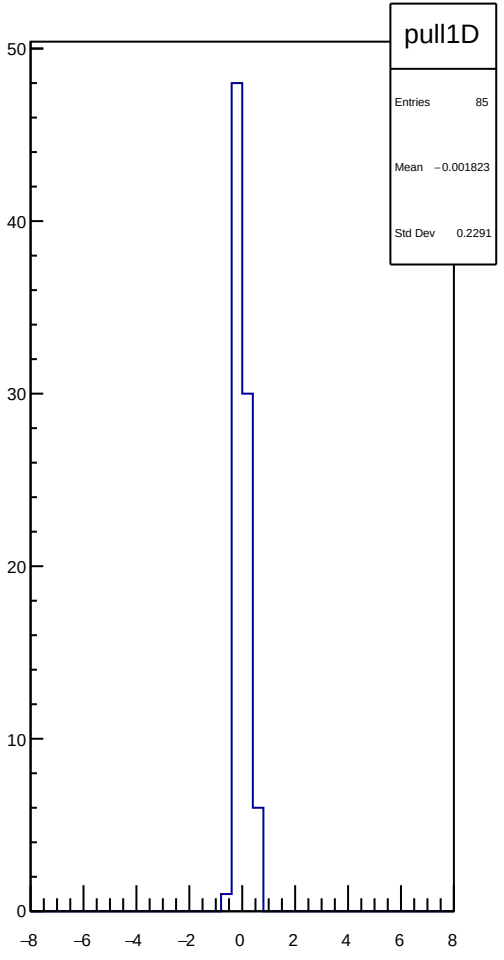

pull1D
Entries 85
Mean −0.0004688
Std Dev 0.2699

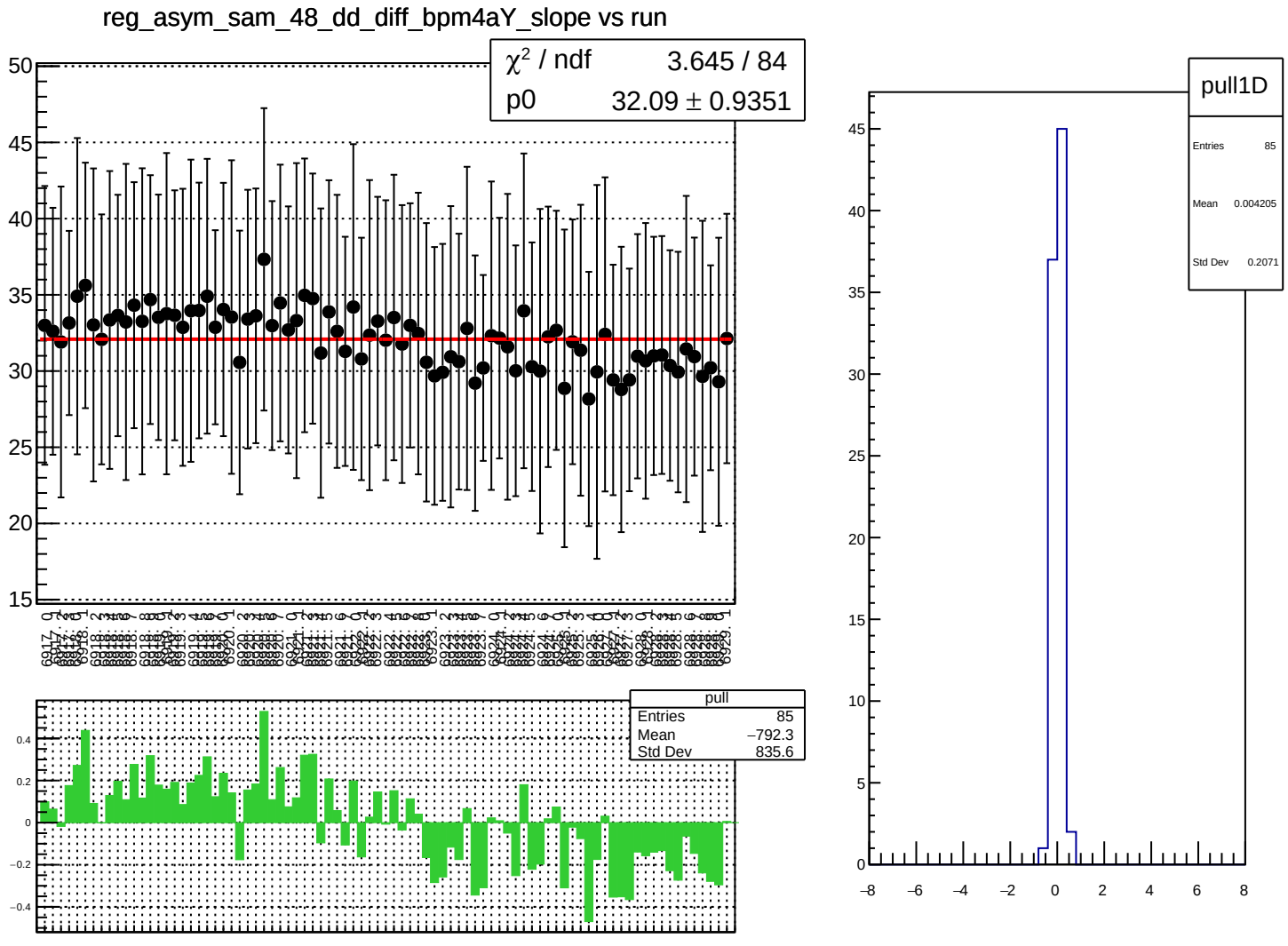

reg_asym_sam_48_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.391 / 84
p0 118.2 ± 1.288
pull
Entries 85
Mean −644.1
Std Dev 686.6

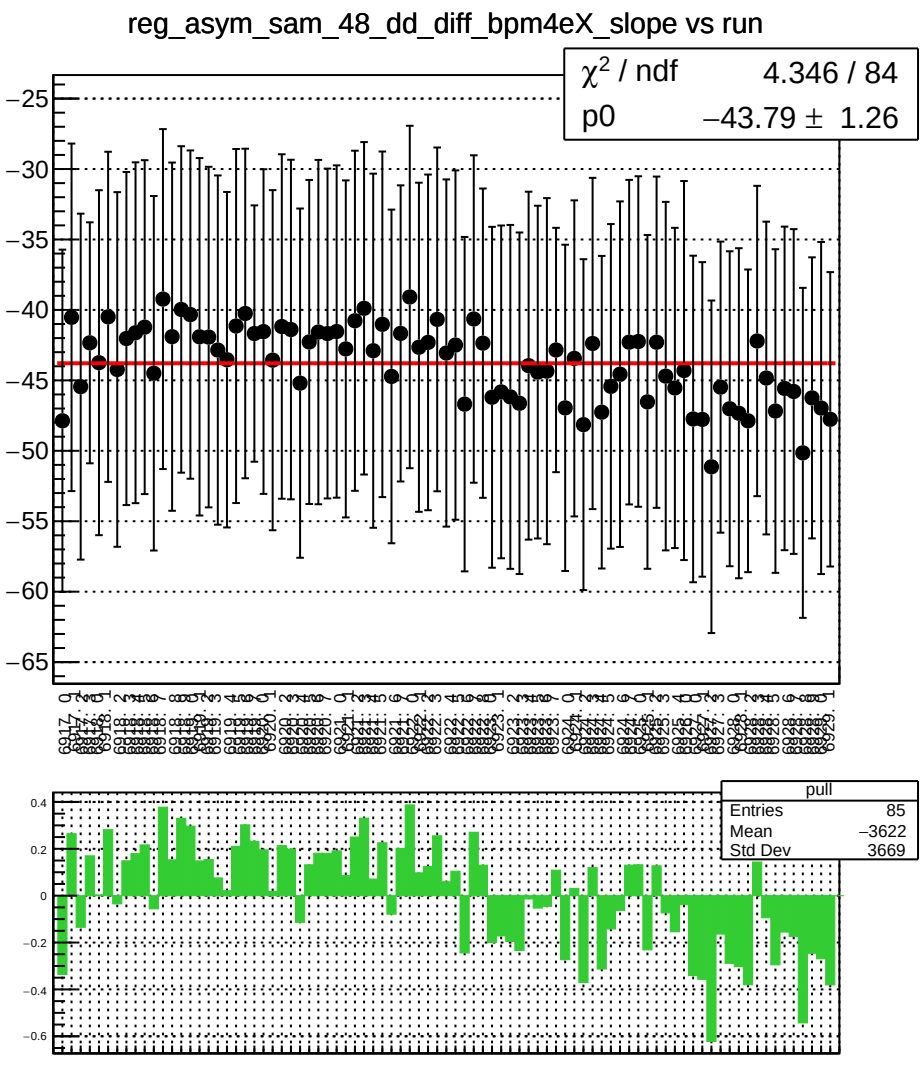

pull1D
Entries 85
Mean −0.006357
Std Dev 0.2741

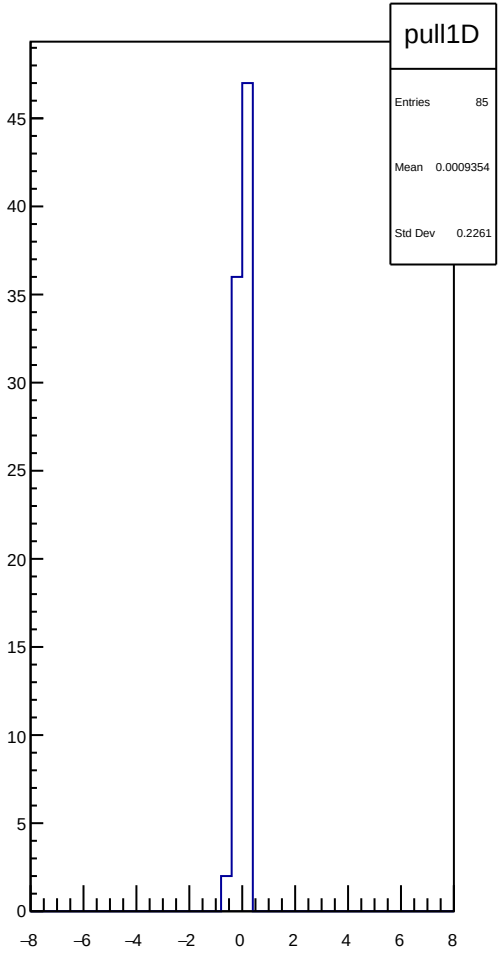

reg_asym_sam_48_avg_diff_bpm12X_slope vs run
χ² / ndf 7.795 / 84
p0 −0.5975 ± 0.05473
pull
Entries 85
Mean 818.4
Std Dev 779
pull1D
Entries 85
Mean 0.006301
Std Dev 0.3028

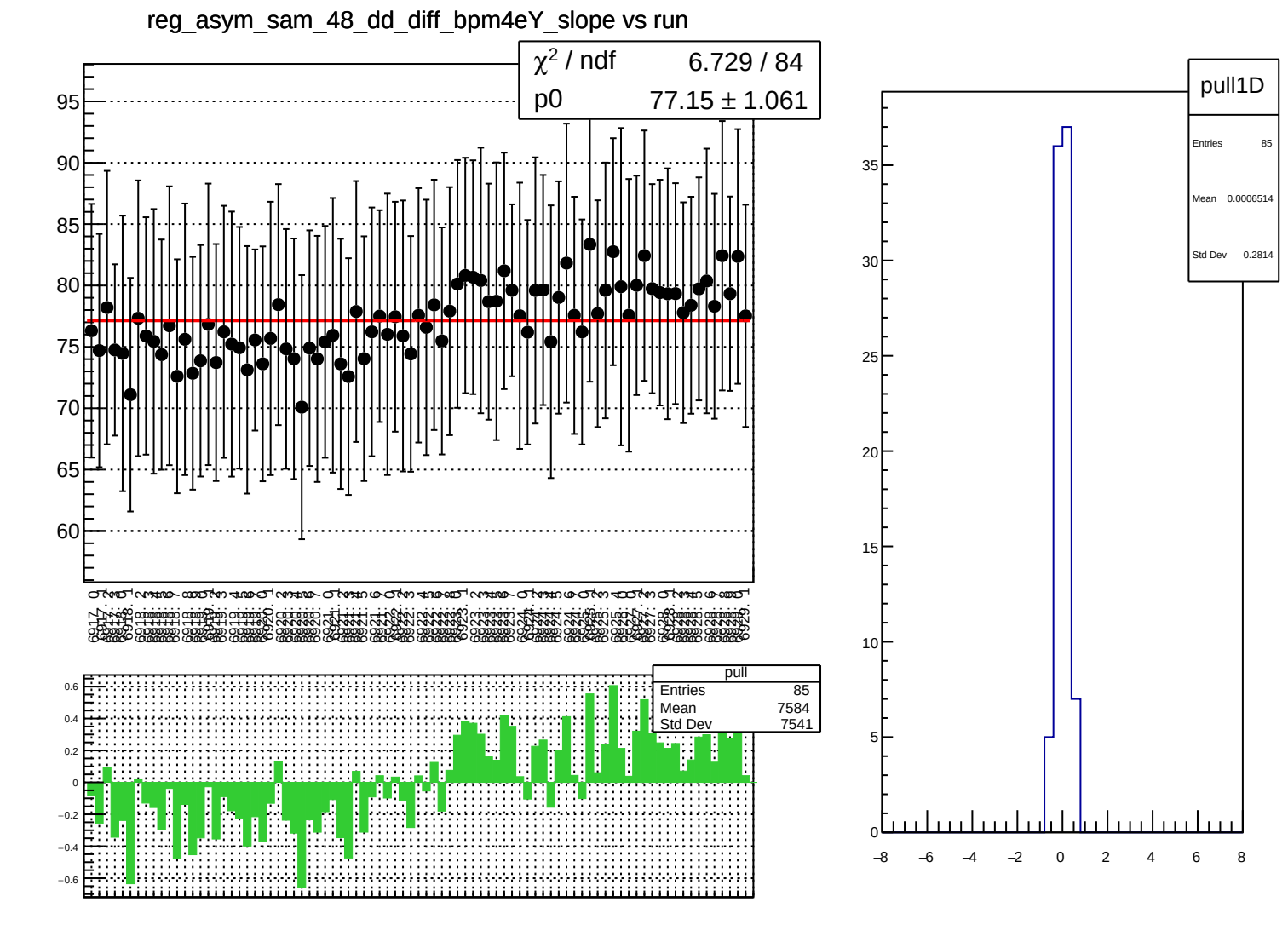

reg_asym_sam_48_dd_diff_bpm1X_slope vs run
χ² / ndf 4.463 / 84
p0 −34.61 ± 1.358
pull
Entries 85
Mean −1929
Std Dev 1976

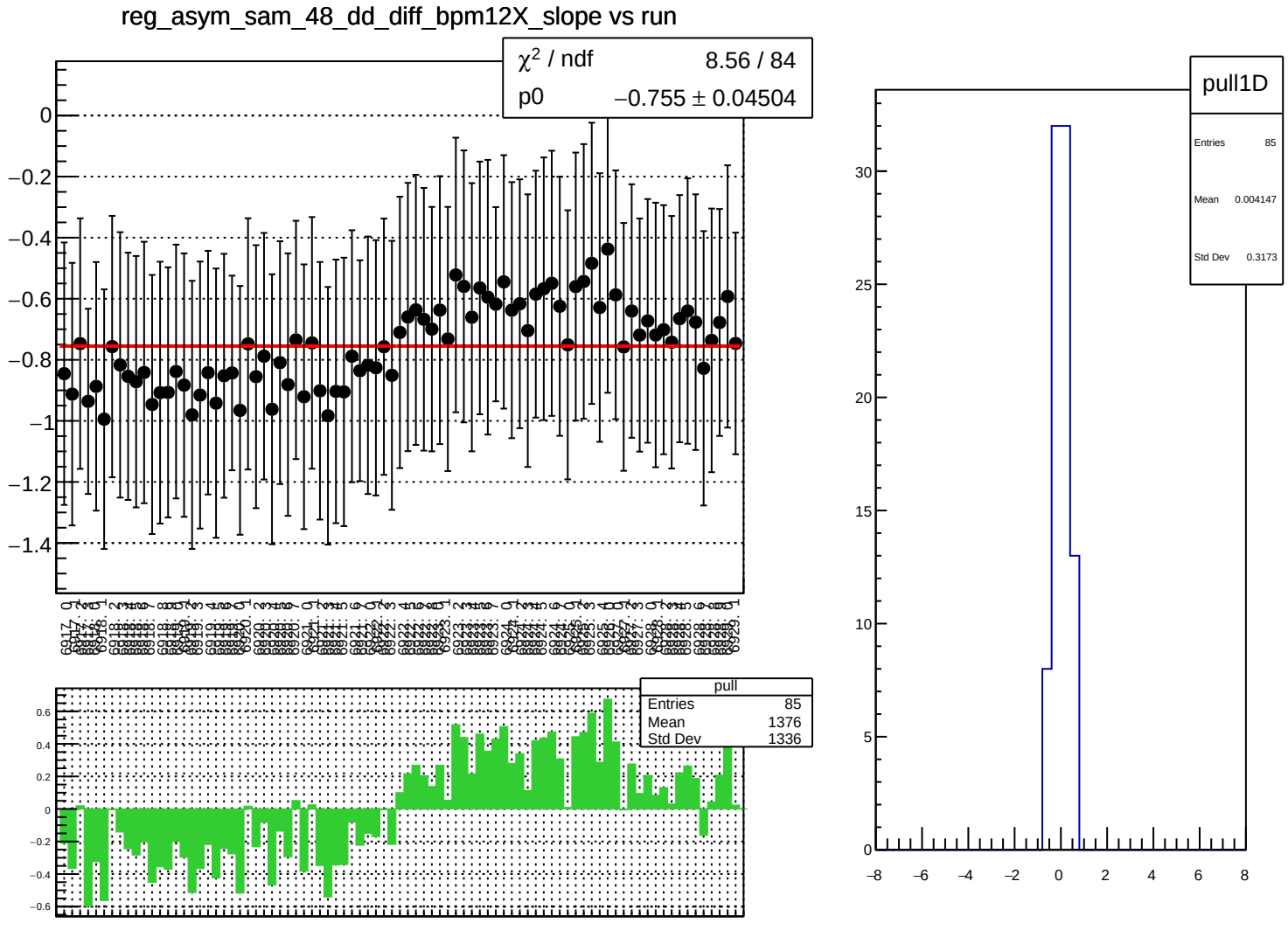

pull1D
Entries 85
Mean −0.001823
Std Dev 0.2291

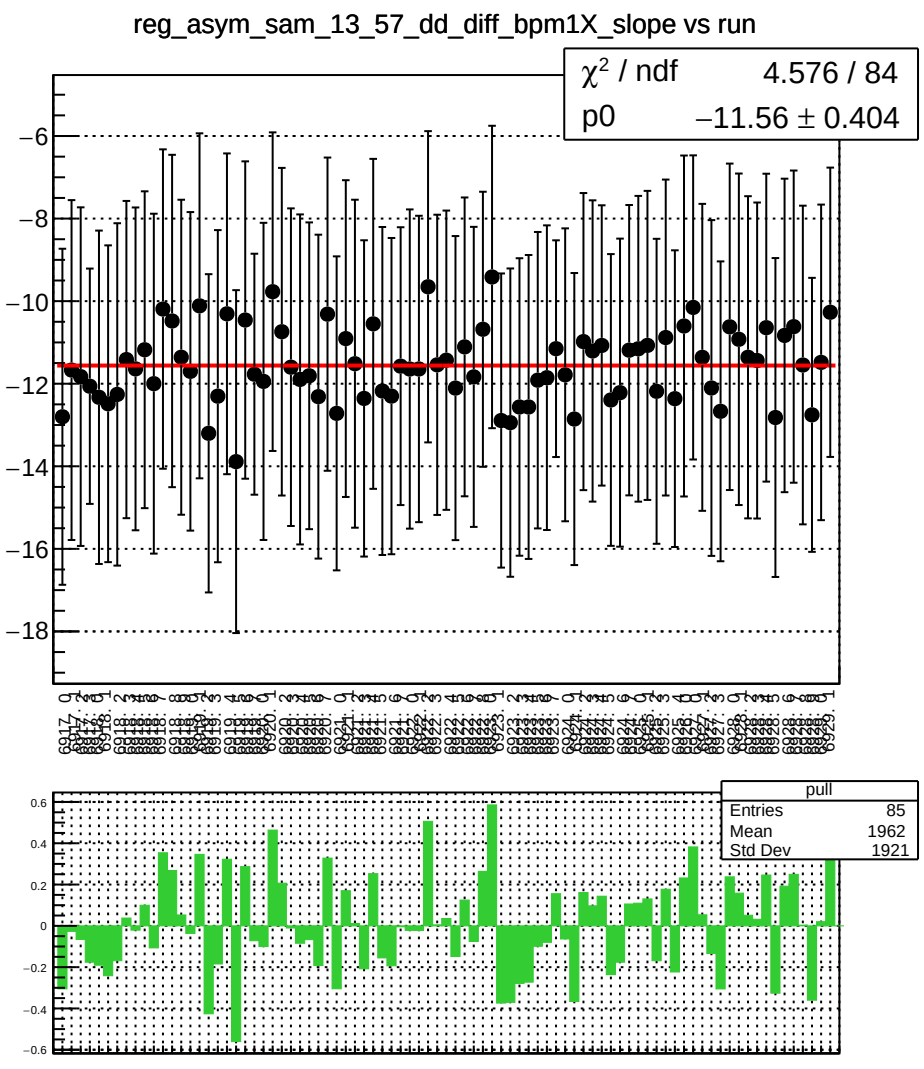

reg_asym_sam_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 3.645 / 84
p0 32.09 ± 0.9351
pull
Entries 85
Mean −792.3
Std Dev 835.6
pull1D
Entries 85
Mean 0.004205
Std Dev 0.2071

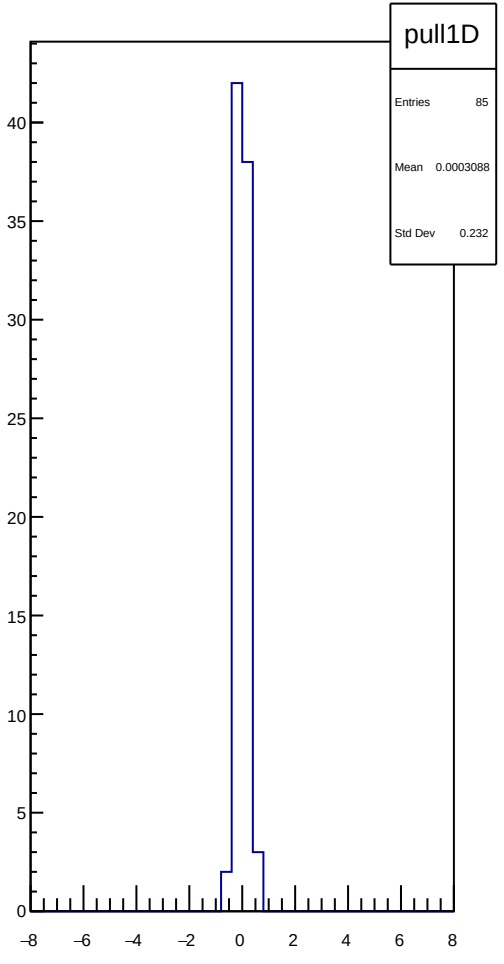

reg_asym_sam_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 4.346 / 84
p0 −43.79 ± 1.26
pull
Entries 85
Mean −3622
Std Dev 3669

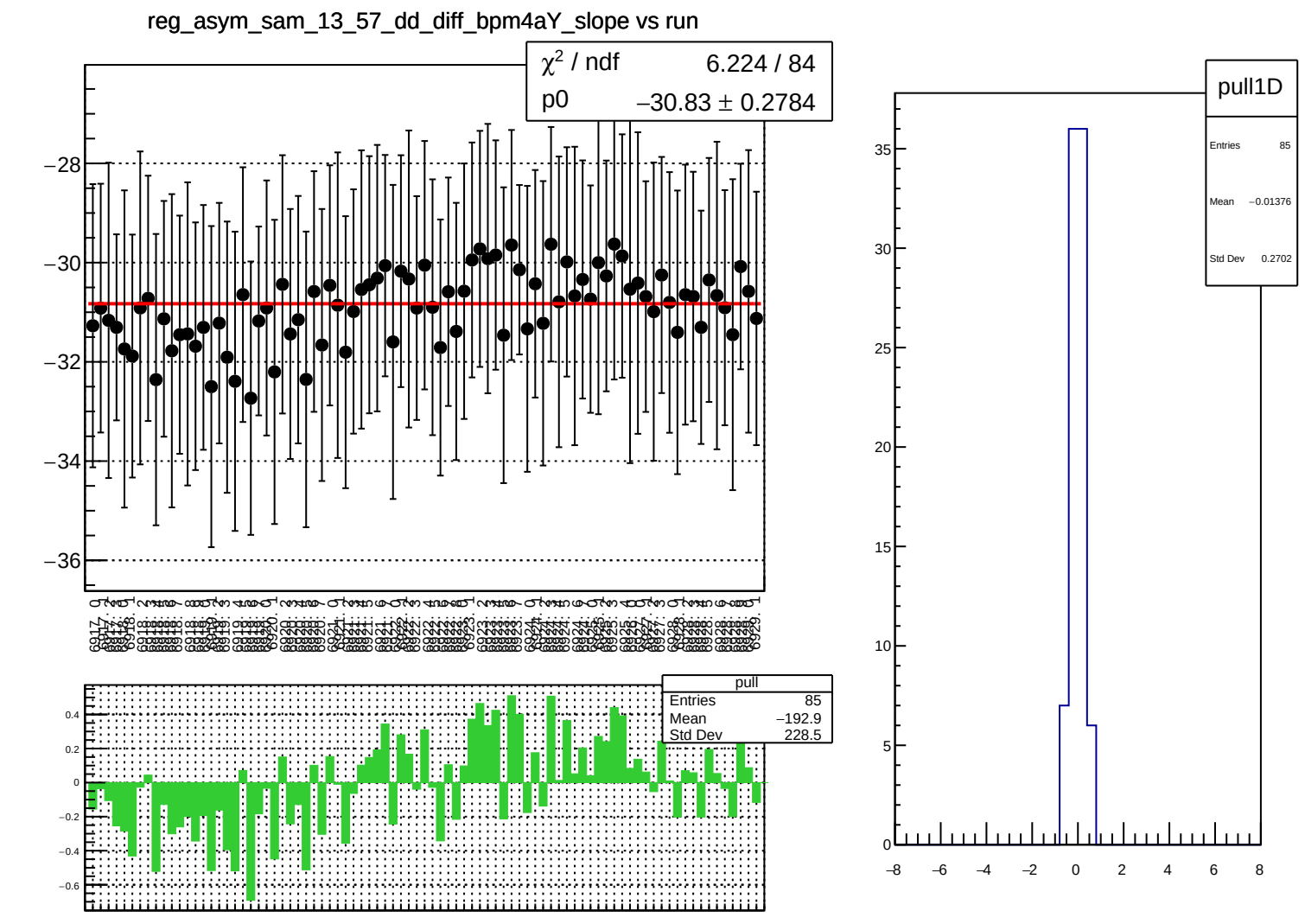

pull1D
Entries 85
Mean 0.0009354
Std Dev 0.2261

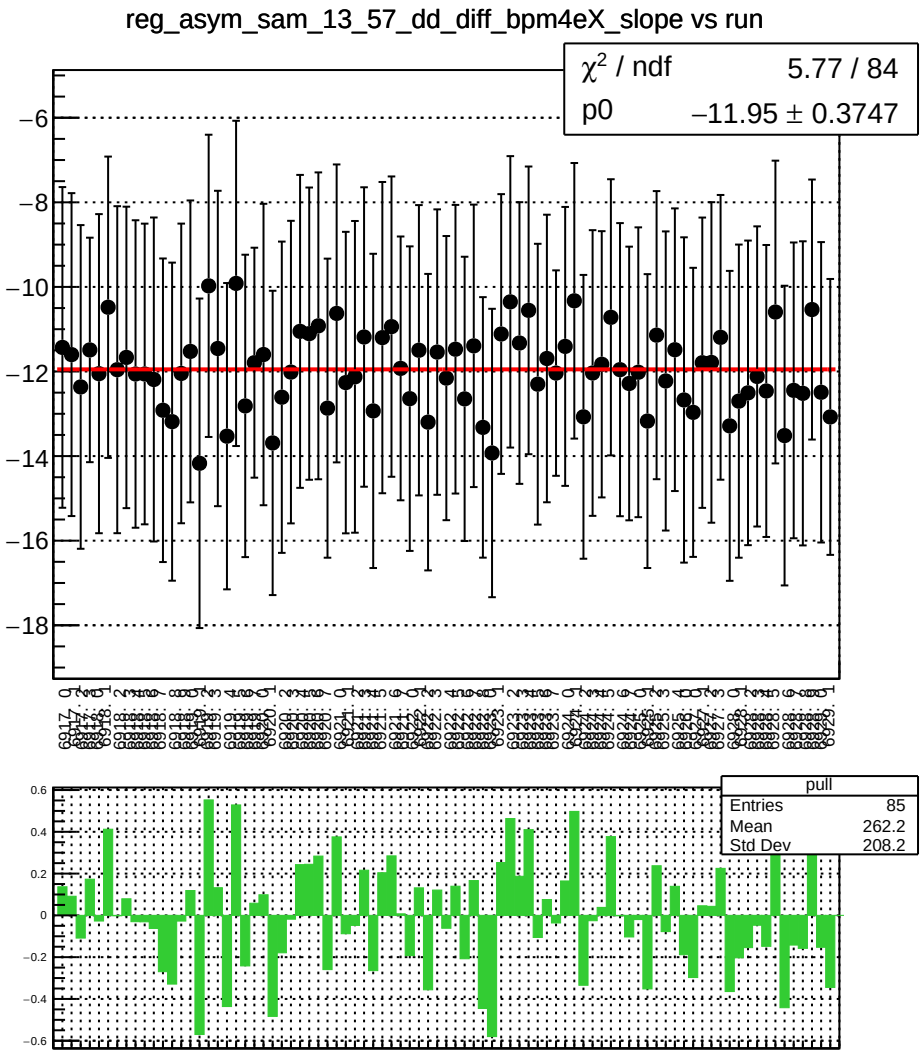

reg_asym_sam_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 6.729 / 84
p0 77.15 ± 1.061
pull
Entries 85
Mean 7584
Std Dev 7541
pull1D
Entries 85
Mean 0.0006514
Std Dev 0.2814

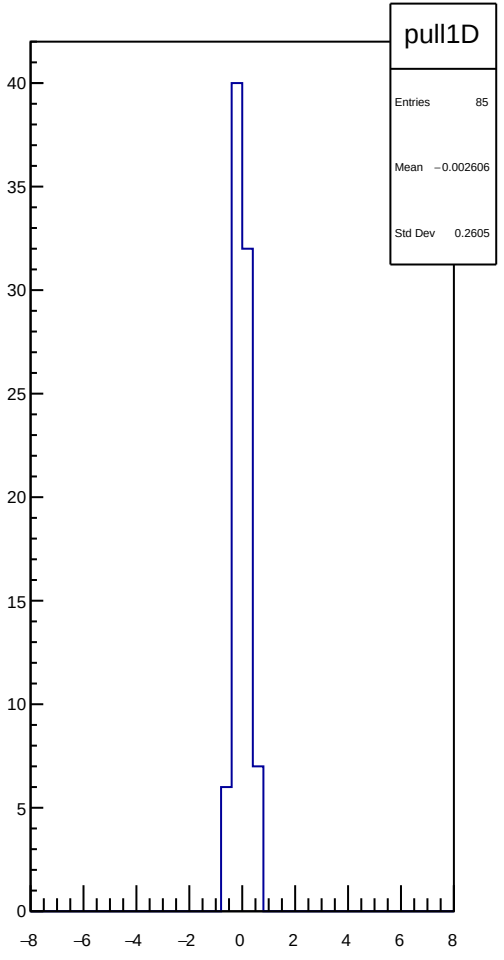

reg_asym_sam_48_dd_diff_bpm12X_slope vs run
χ² / ndf 8.56 / 84
p0 −0.755 ± 0.04504
pull
Entries 85
Mean 1376
Std Dev 1336
pull1D
Entries 85
Mean 0.004147
Std Dev 0.3173

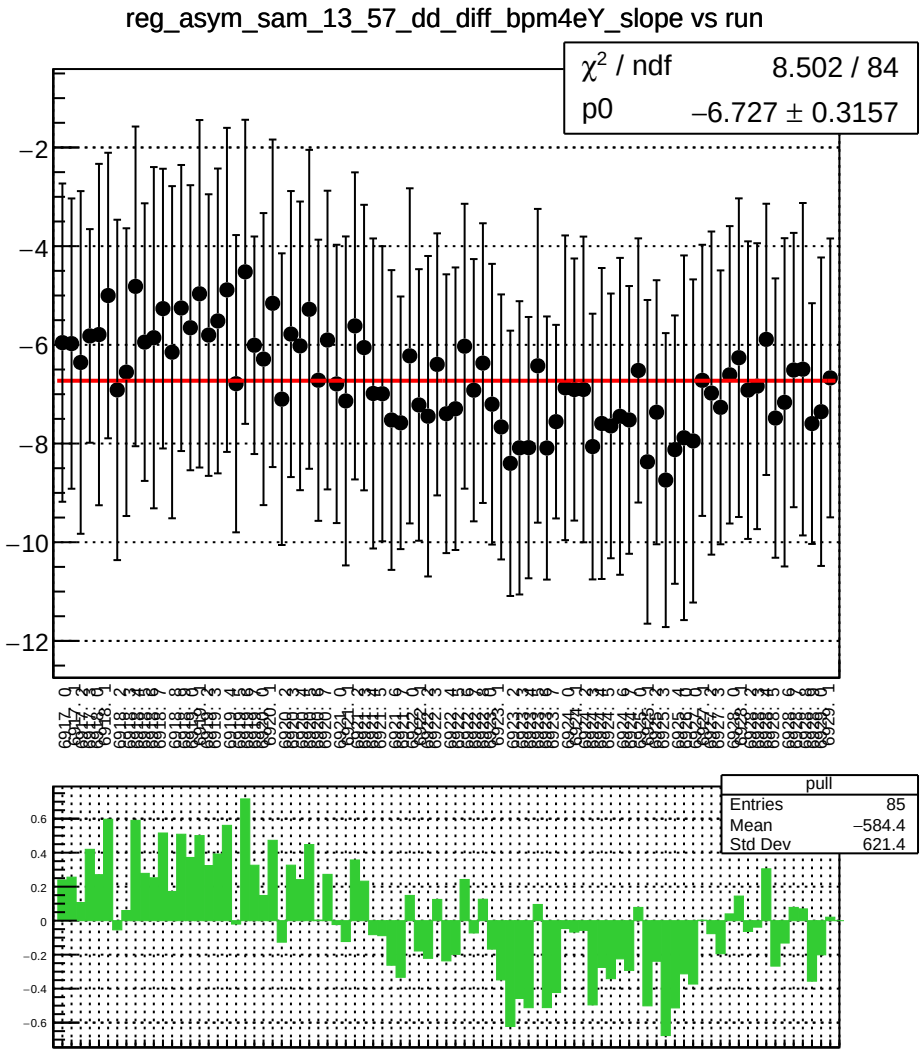

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs run
χ² / ndf 4.576 / 84
p0 −11.56 ± 0.404
pull
Entries 85
Mean 1962
Std Dev 1921

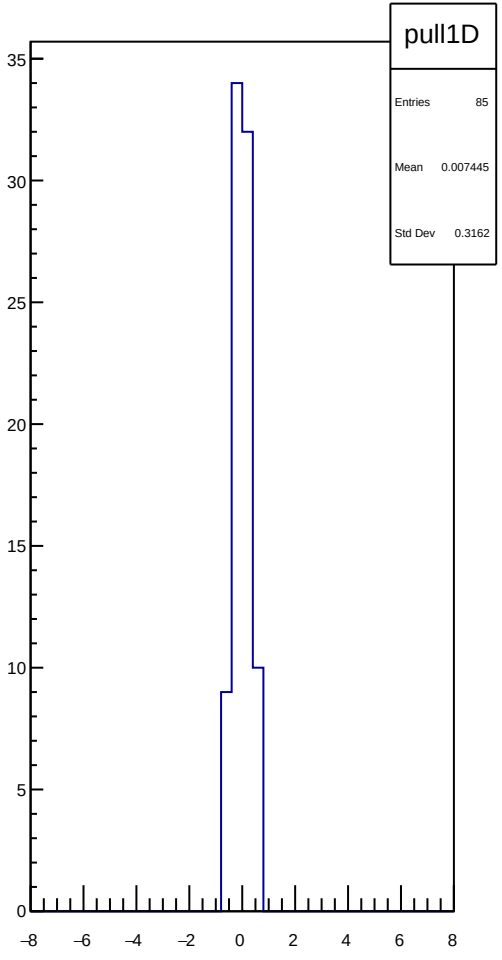

pull1D
Entries 85
Mean 0.0003088
Std Dev 0.232

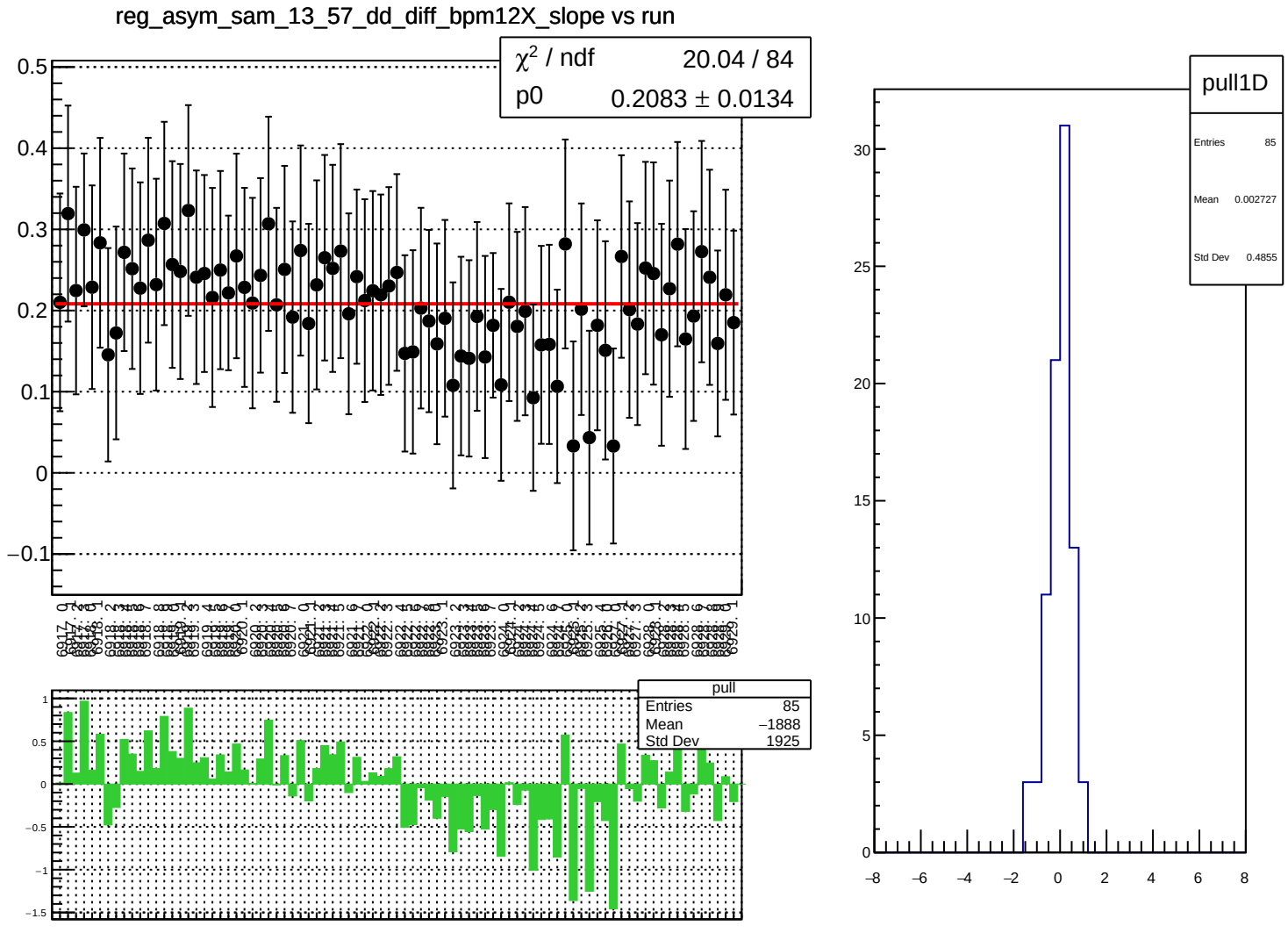

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs run
χ² / ndf 6.224 / 84
p0 −30.83 ± 0.2784
−28
−30
−32
−34
−36
pull
Entries 85
Mean −192.9
Std Dev 228.5
0.4
0.2
0
−0.2
−0.4
−0.6
pull1D
Entries 85
Mean −0.01376
Std Dev 0.2702
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

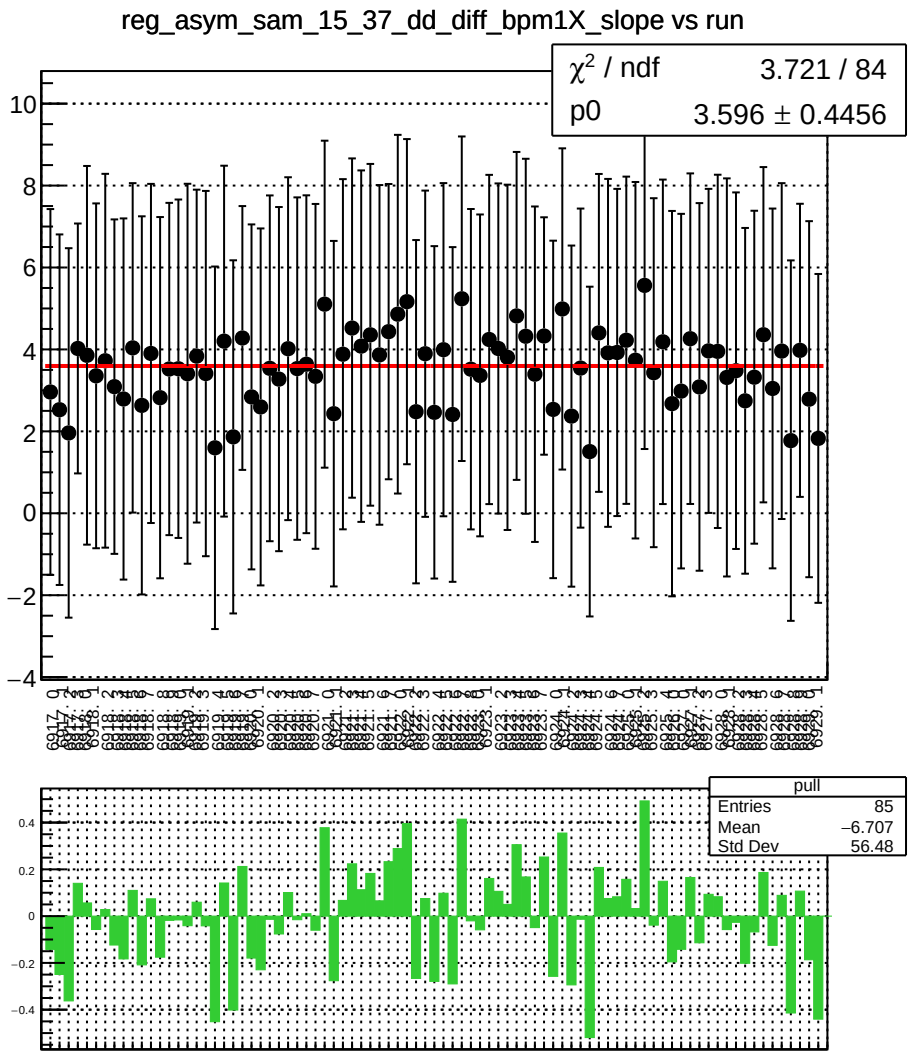

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs run
χ² / ndf 5.77 / 84
p0 −11.95 ± 0.3747
pull
Entries 85
Mean 262.2
Std Dev 208.2

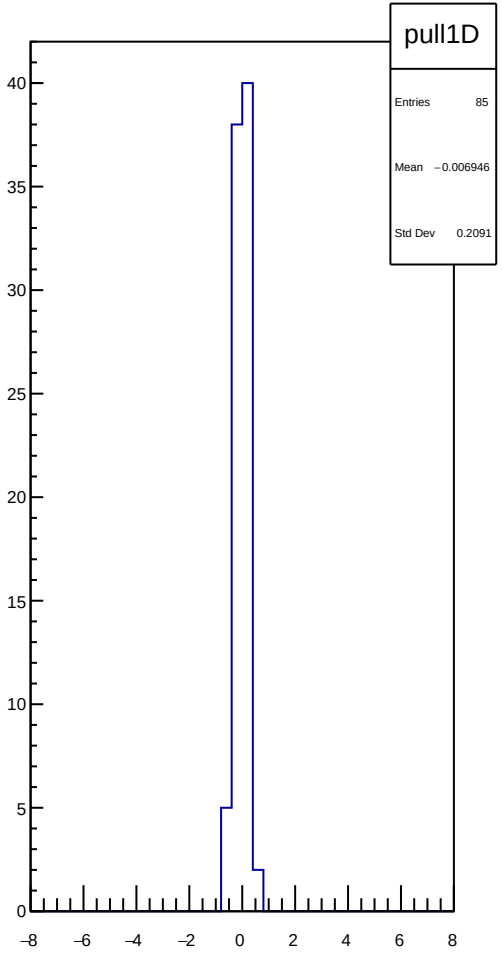

pull1D
Entries 85
Mean −0.002606
Std Dev 0.2605

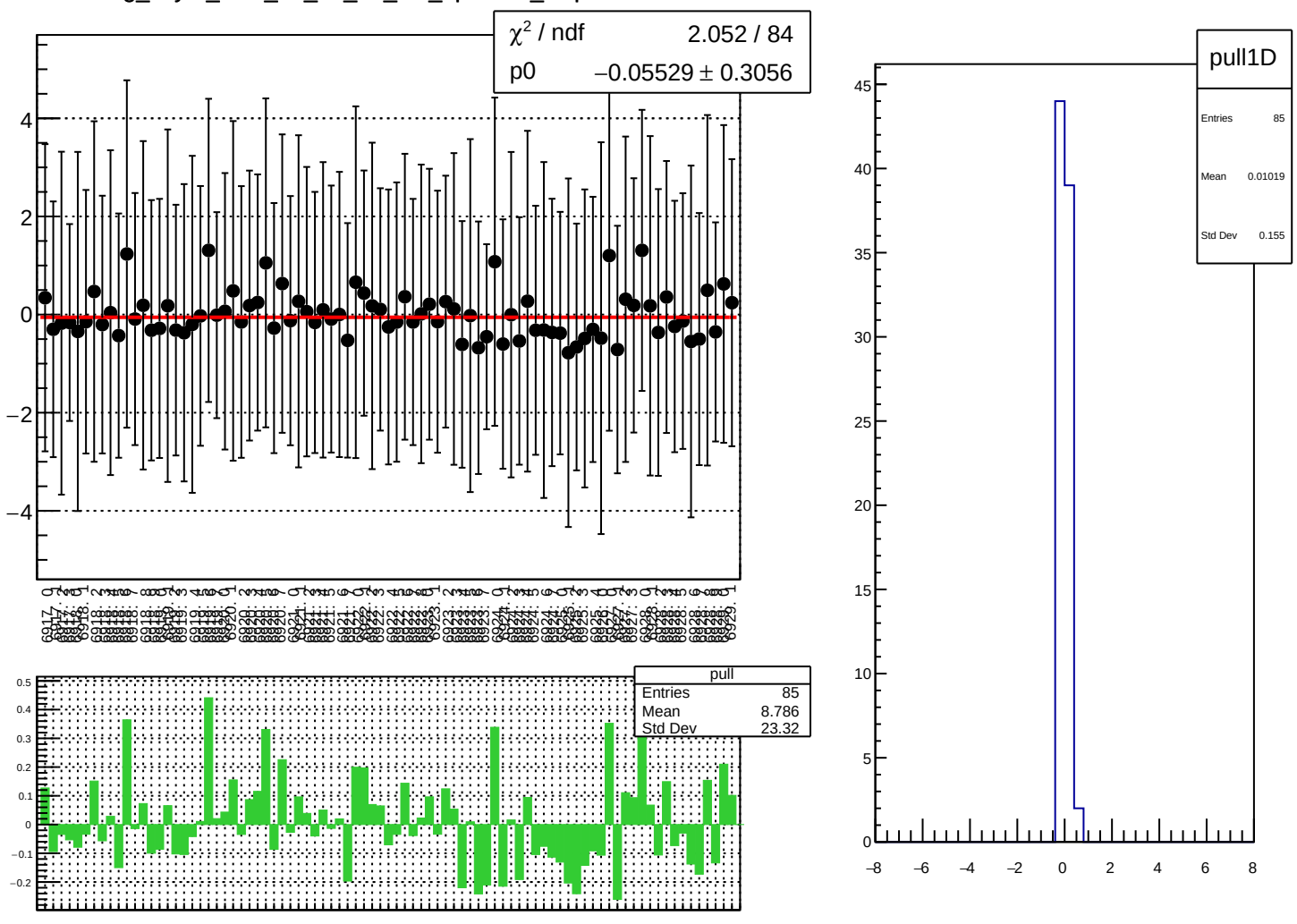

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs run
χ² / ndf 8.502 / 84
p0 −6.727 ± 0.3157
pull
Entries 85
Mean −584.4
Std Dev 621.4

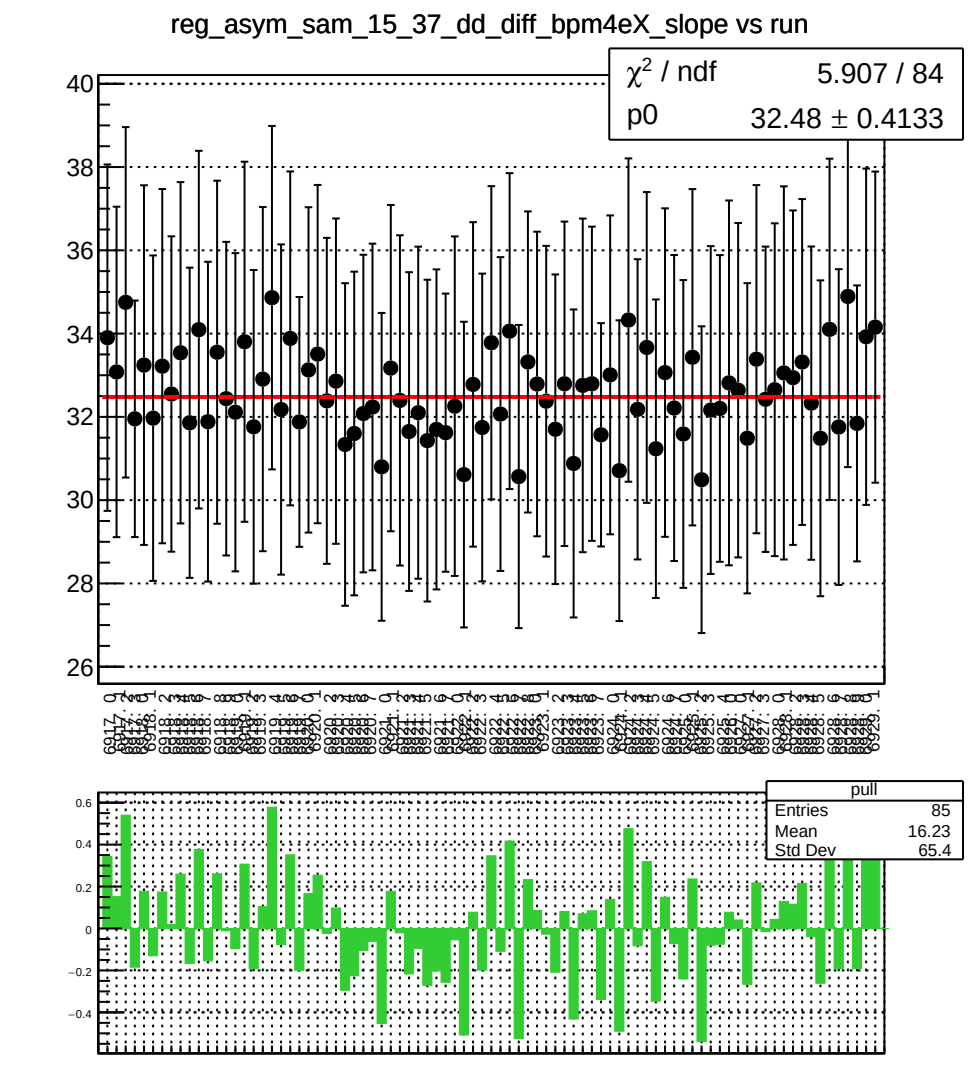

pull1D
Entries 85
Mean 0.007445
Std Dev 0.3162

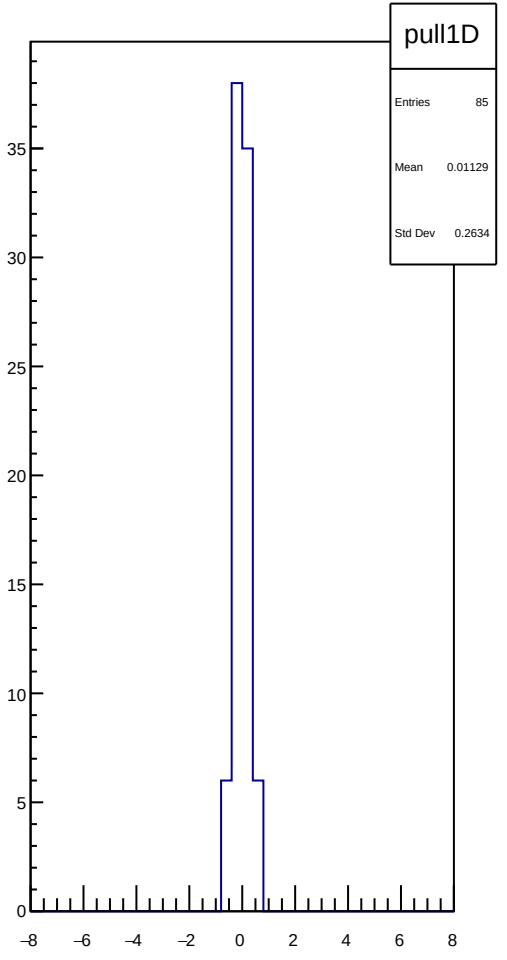

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs run
χ² / ndf 20.04 / 84
p0 0.2083 ± 0.0134
pull
Entries 85
Mean −1888
Std Dev 1925
pull1D
Entries 85
Mean 0.002727
Std Dev 0.4855

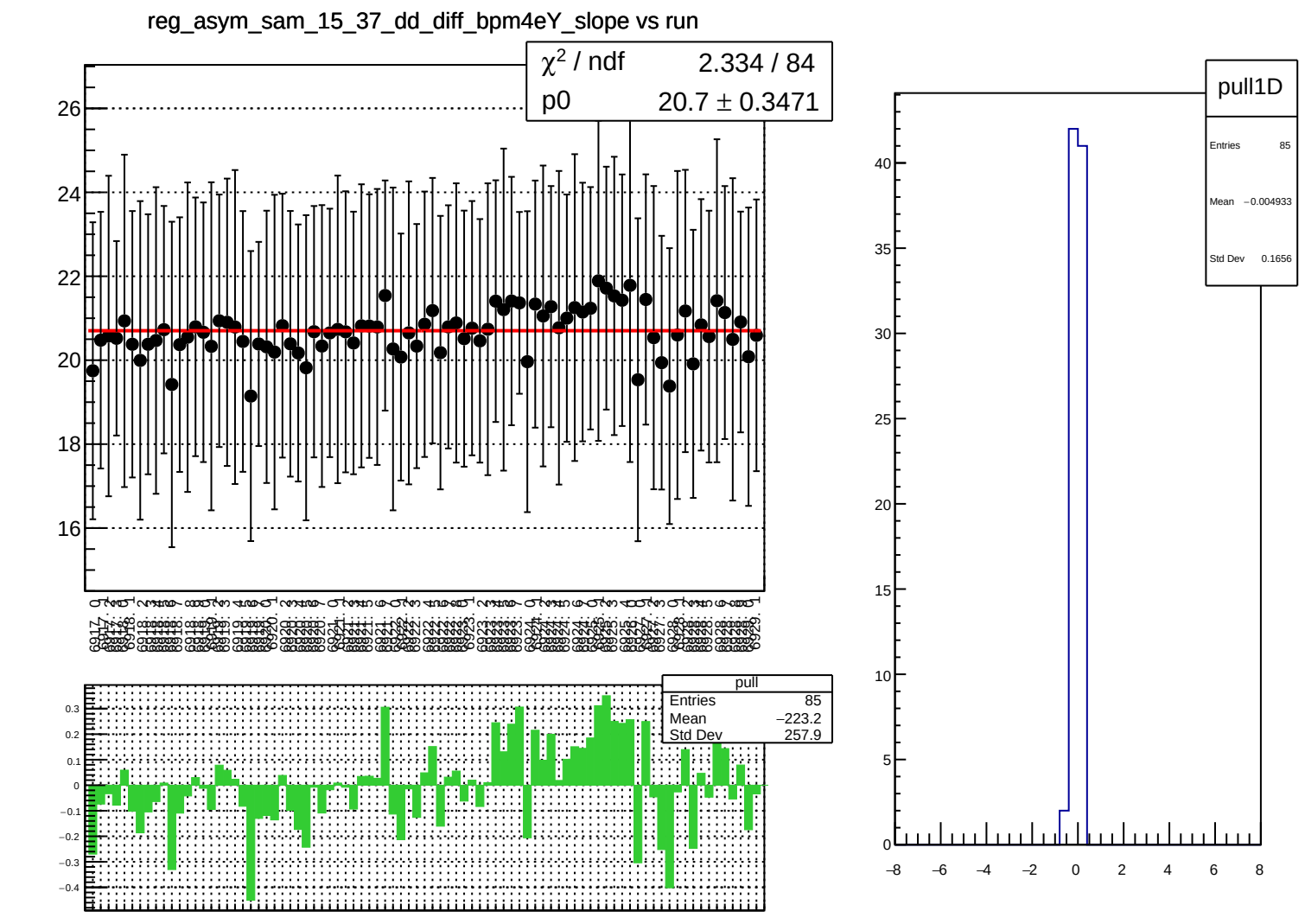

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs run
χ² / ndf 3.721 / 84
p0 3.596 ± 0.4456
pull
Entries 85
Mean −6.707
Std Dev 56.48

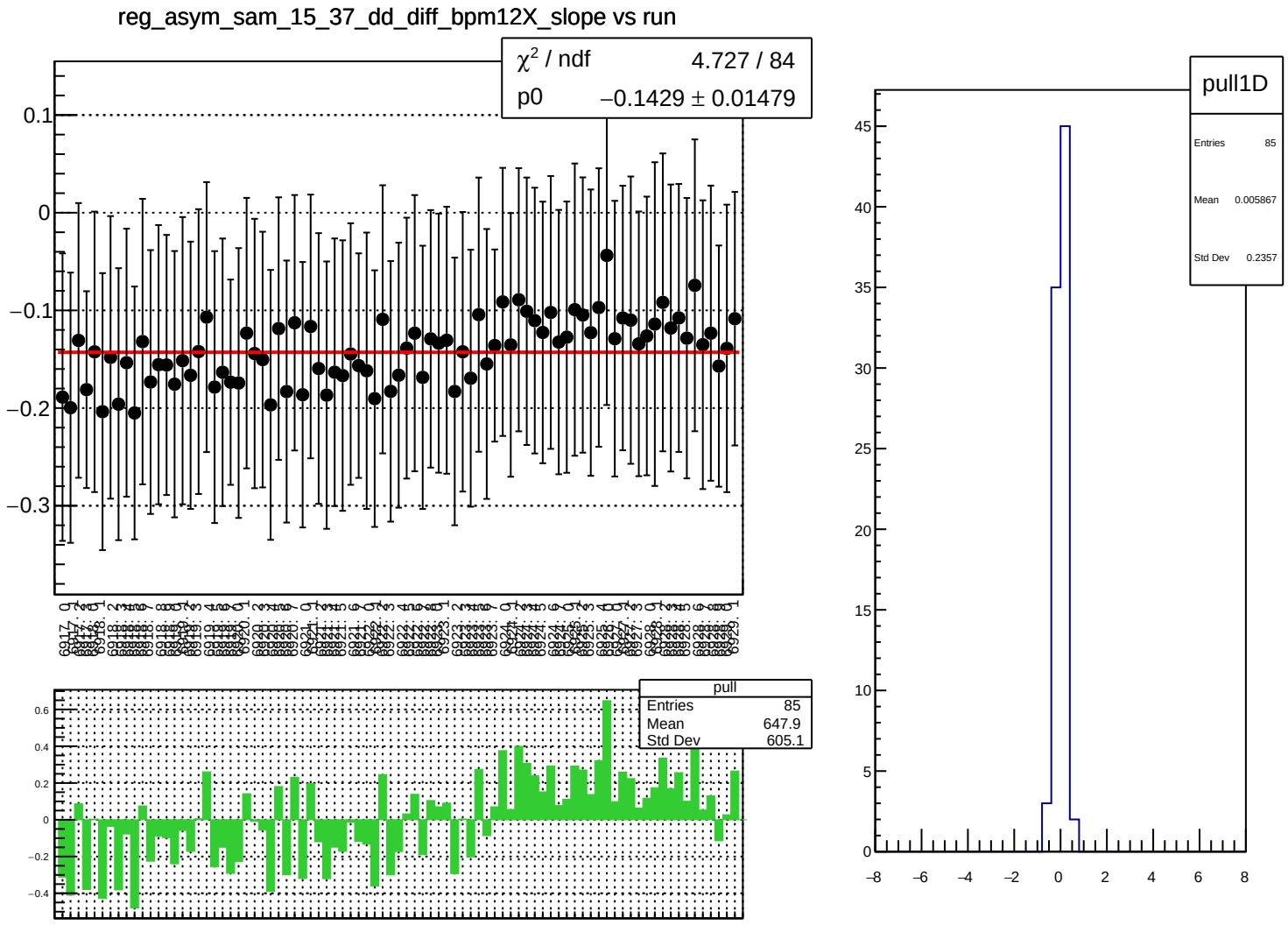

pull1D
Entries 85
Mean −0.006946
Std Dev 0.2091

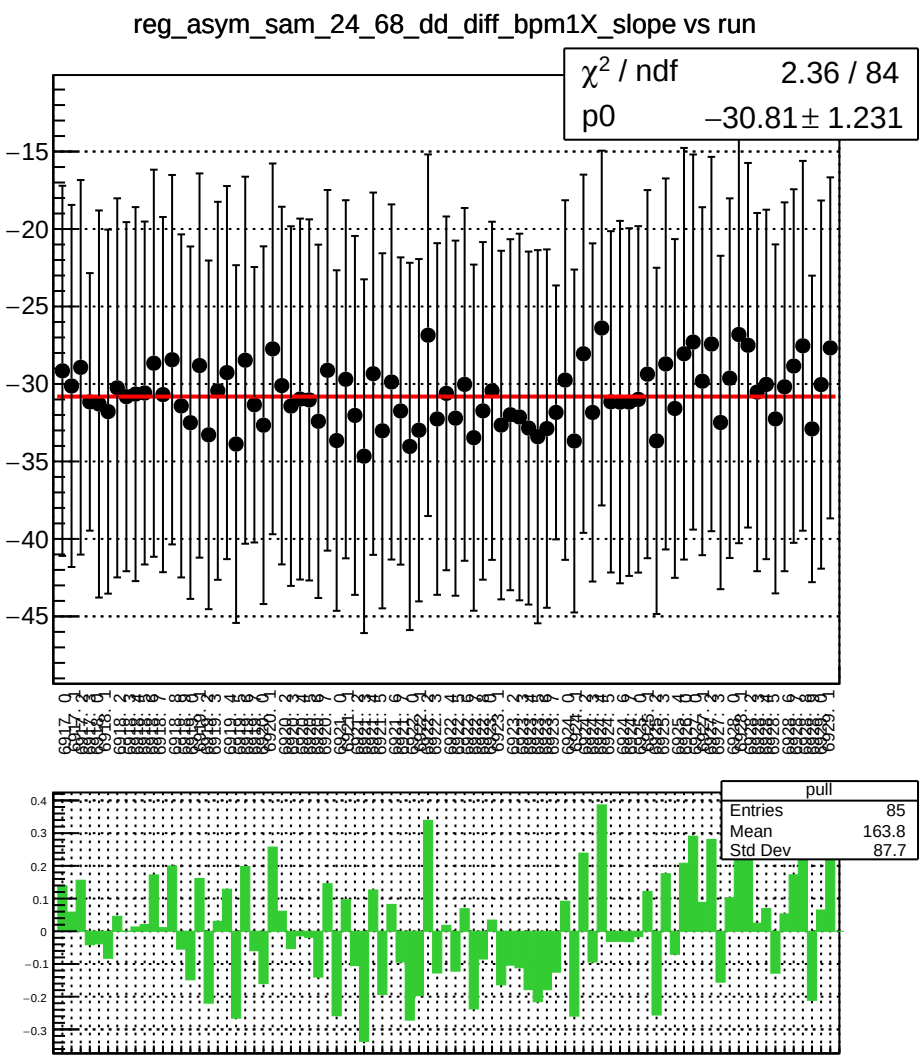

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 2.052 / 84
p0 −0.05529 ± 0.3056
pull
Entries 85
Mean 8.786
Std Dev 23.32
pull1D
Entries 85
Mean 0.01019
Std Dev 0.155

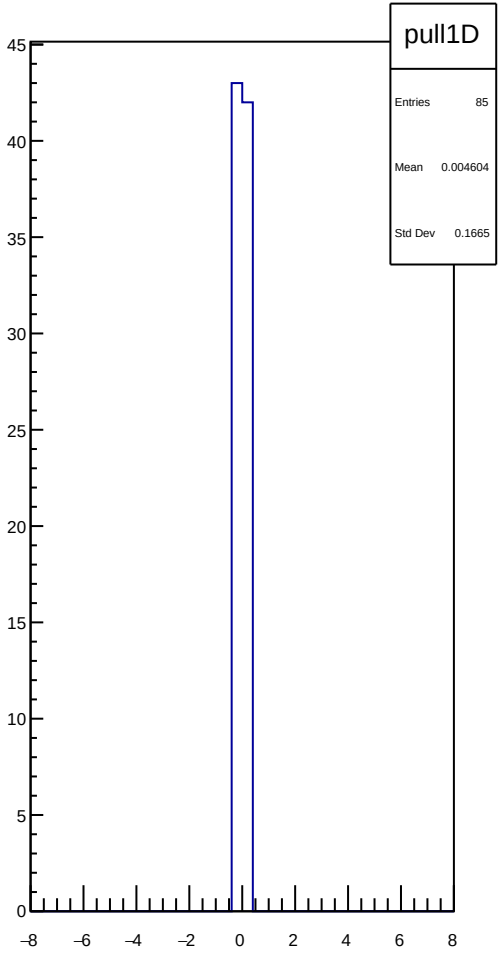

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 5.907 / 84
p0 32.48 ± 0.4133
pull
Entries 85
Mean 16.23
Std Dev 65.4

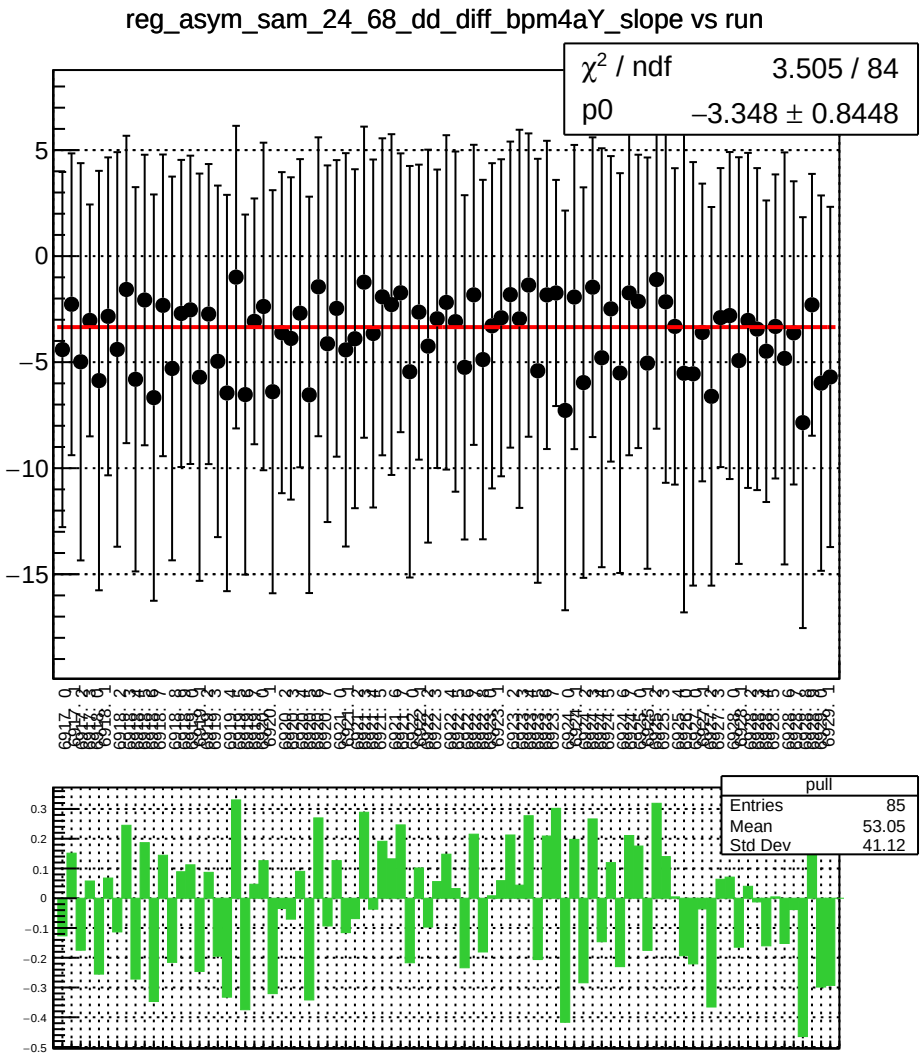

pull1D
Entries 85
Mean 0.01129
Std Dev 0.2634

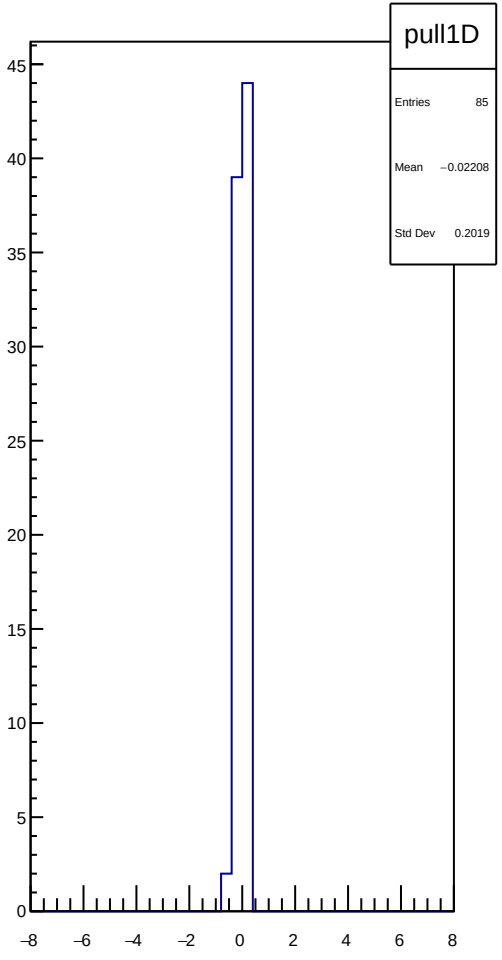

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 2.334 / 84
p0 20.7 ± 0.3471
pull
Entries 85
Mean −223.2
Std Dev 257.9
pull1D
Entries 85
Mean −0.004933
Std Dev 0.1656

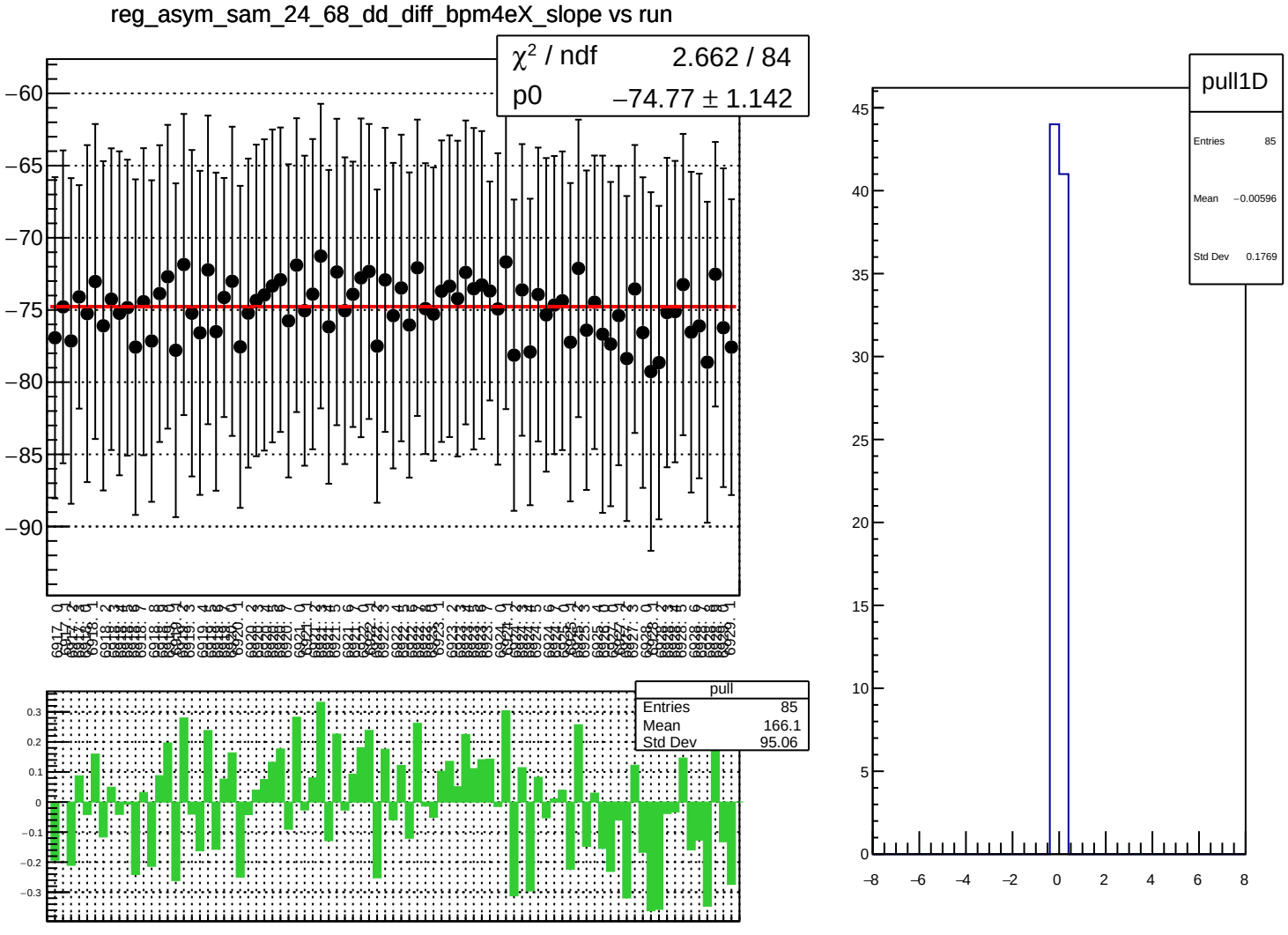

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs run
χ² / ndf 4.727 / 84
p0 −0.1429 ± 0.01479
pull
Entries 85
Mean 647.9
Std Dev 605.1
pull1D
Entries 85
Mean 0.005867
Std Dev 0.2357

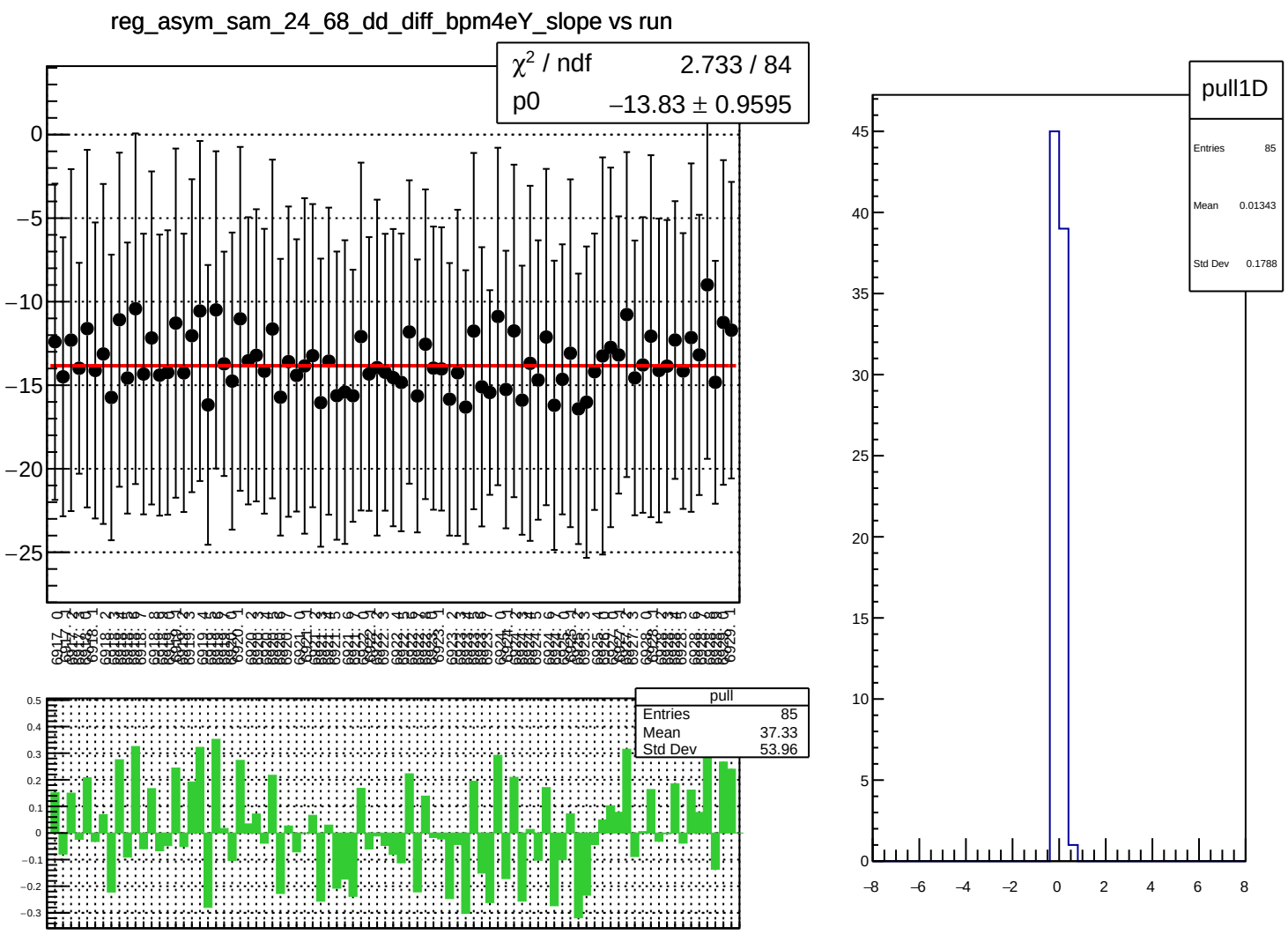

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs run
χ² / ndf 2.36 / 84
p0 −30.81 ± 1.231
pull
Entries 85
Mean 163.8
Std Dev 87.7

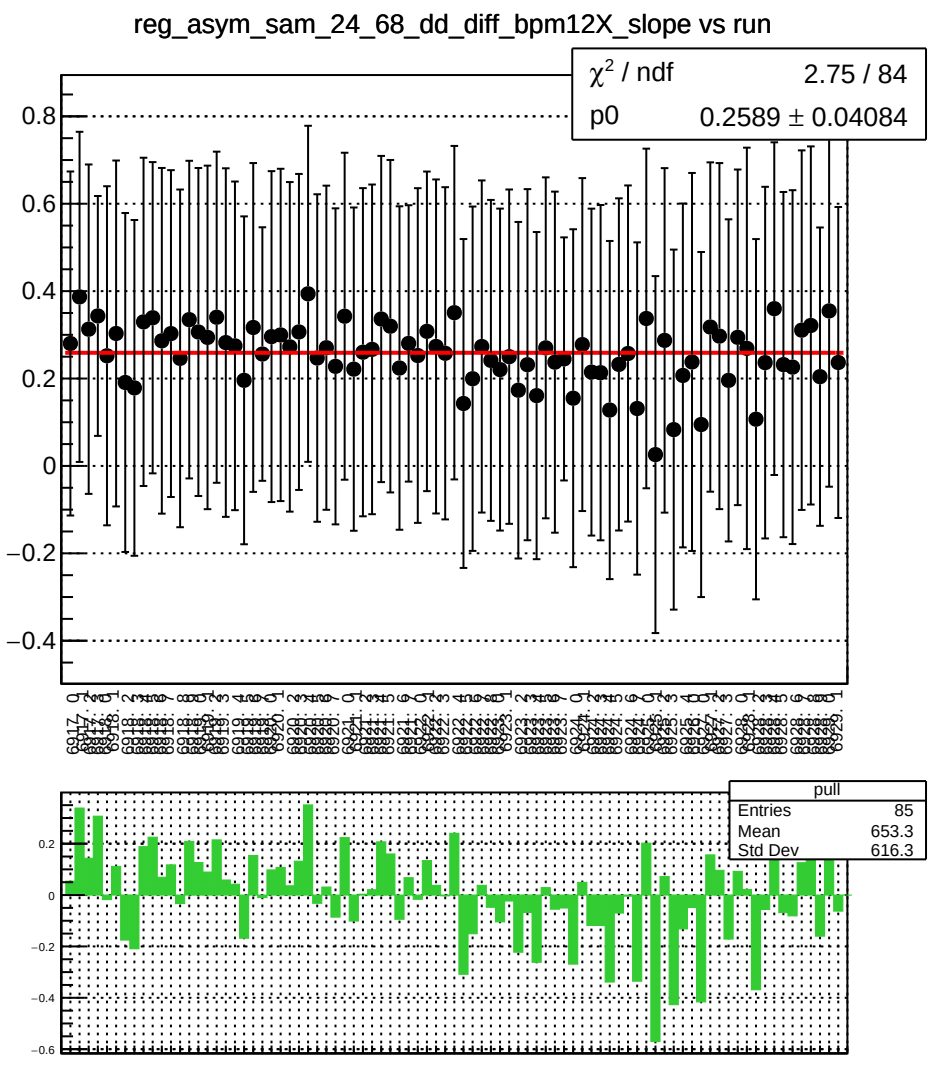

pull1D
Entries 85
Mean 0.004604
Std Dev 0.1665

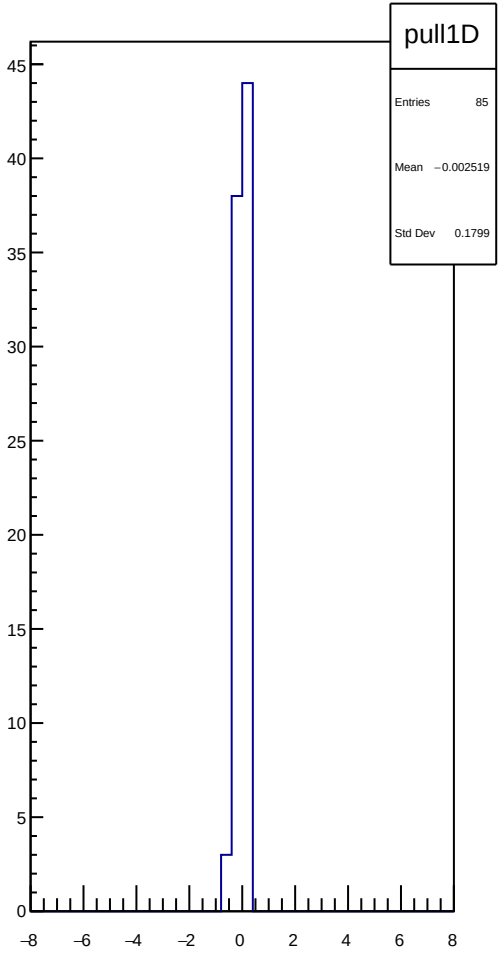

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs run
χ² / ndf 3.505 / 84
p0 −3.348 ± 0.8448
pull
Entries 85
Mean 53.05
Std Dev 41.12

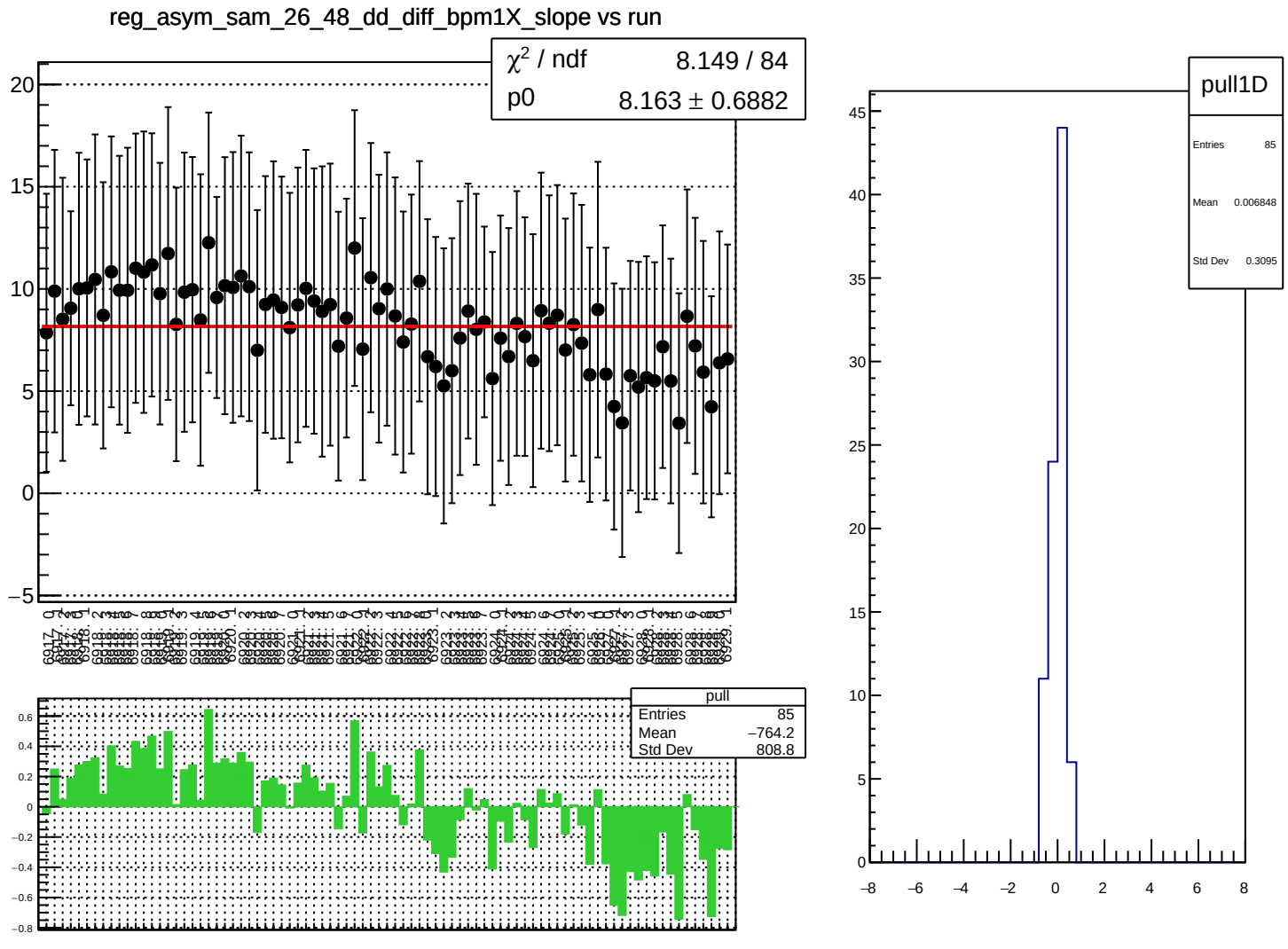

pull1D
Entries 85
Mean −0.02208
Std Dev 0.2019

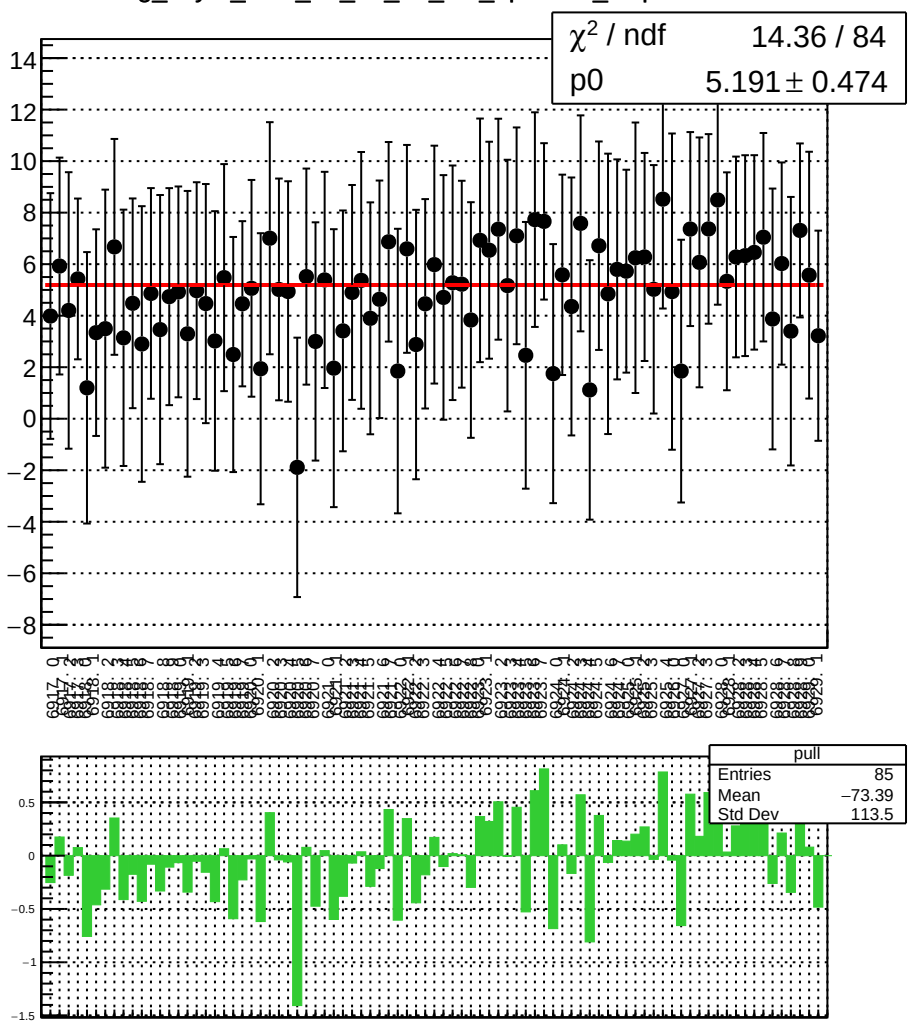

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs run
χ² / ndf 2.662 / 84
p0 −74.77 ± 1.142
−60
−65
−70
−75
−80
−85
−90
pull
Entries 85
Mean 166.1
Std Dev 95.06
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
pull1D
Entries 85
Mean −0.00596
Std Dev 0.1769
45
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

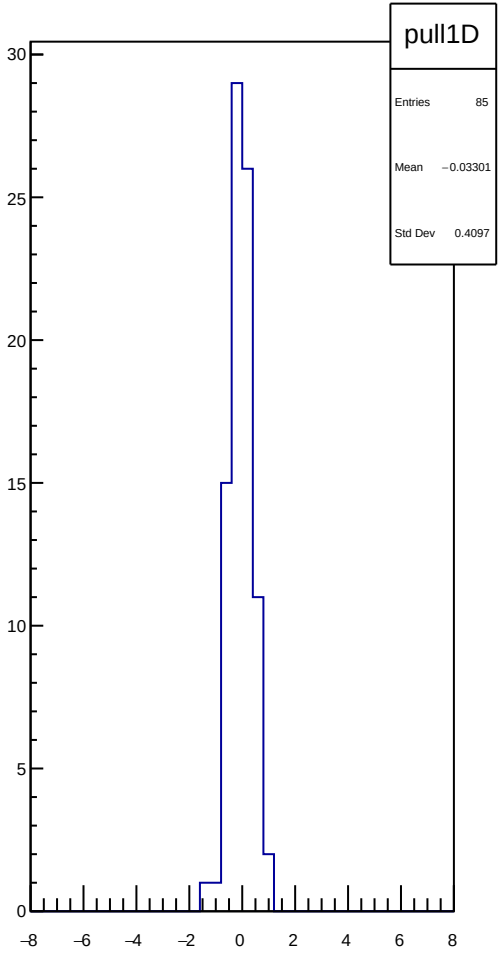

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs run
χ² / ndf 2.733 / 84
p0 −13.83 ± 0.9595
pull
Entries 85
Mean 37.33
Std Dev 53.96
pull1D
Entries 85
Mean 0.01343
Std Dev 0.1788

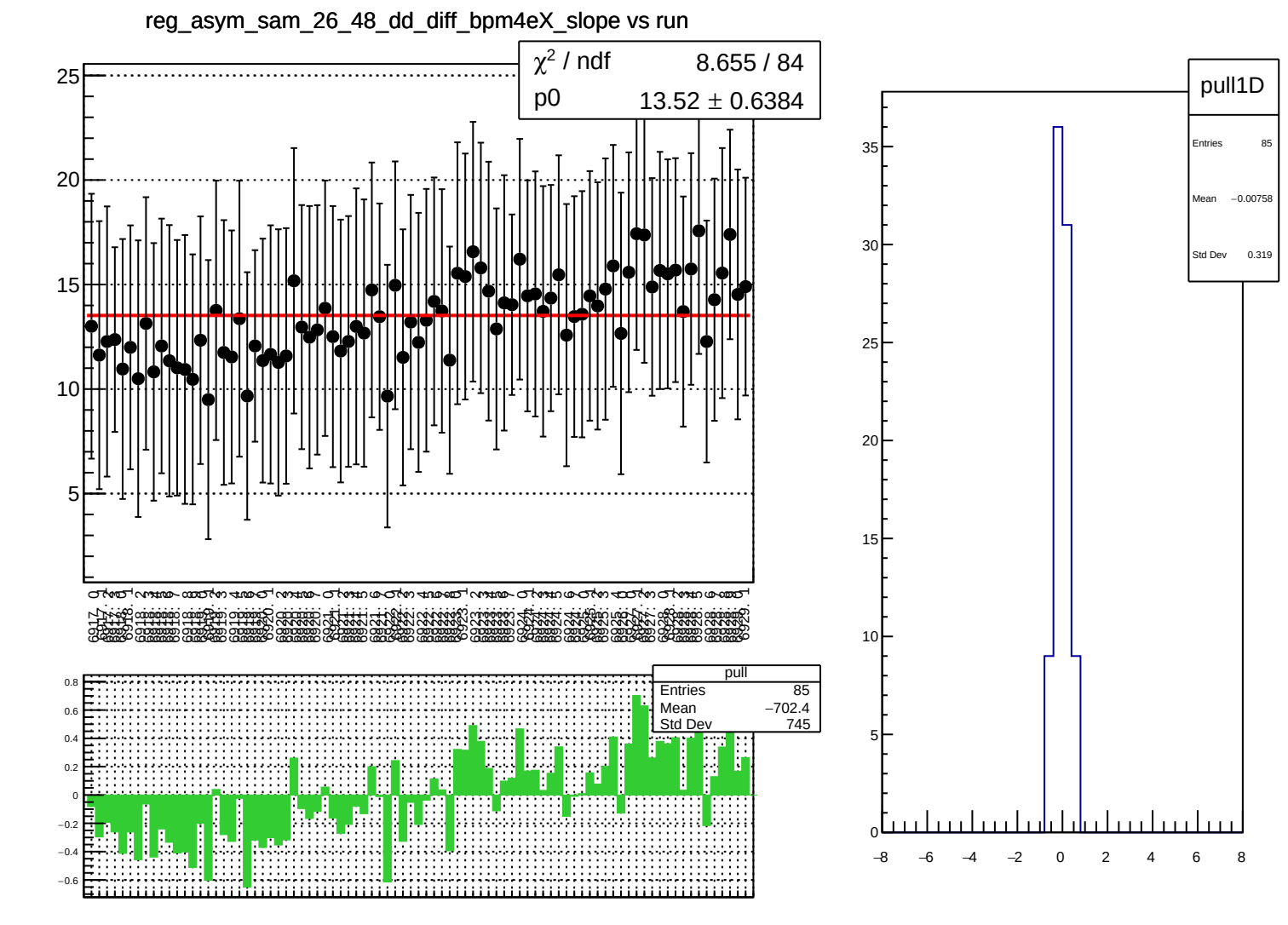

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs run
χ² / ndf 2.75 / 84
p0 0.2589 ± 0.04084
pull
Entries 85
Mean 653.3
Std Dev 616.3

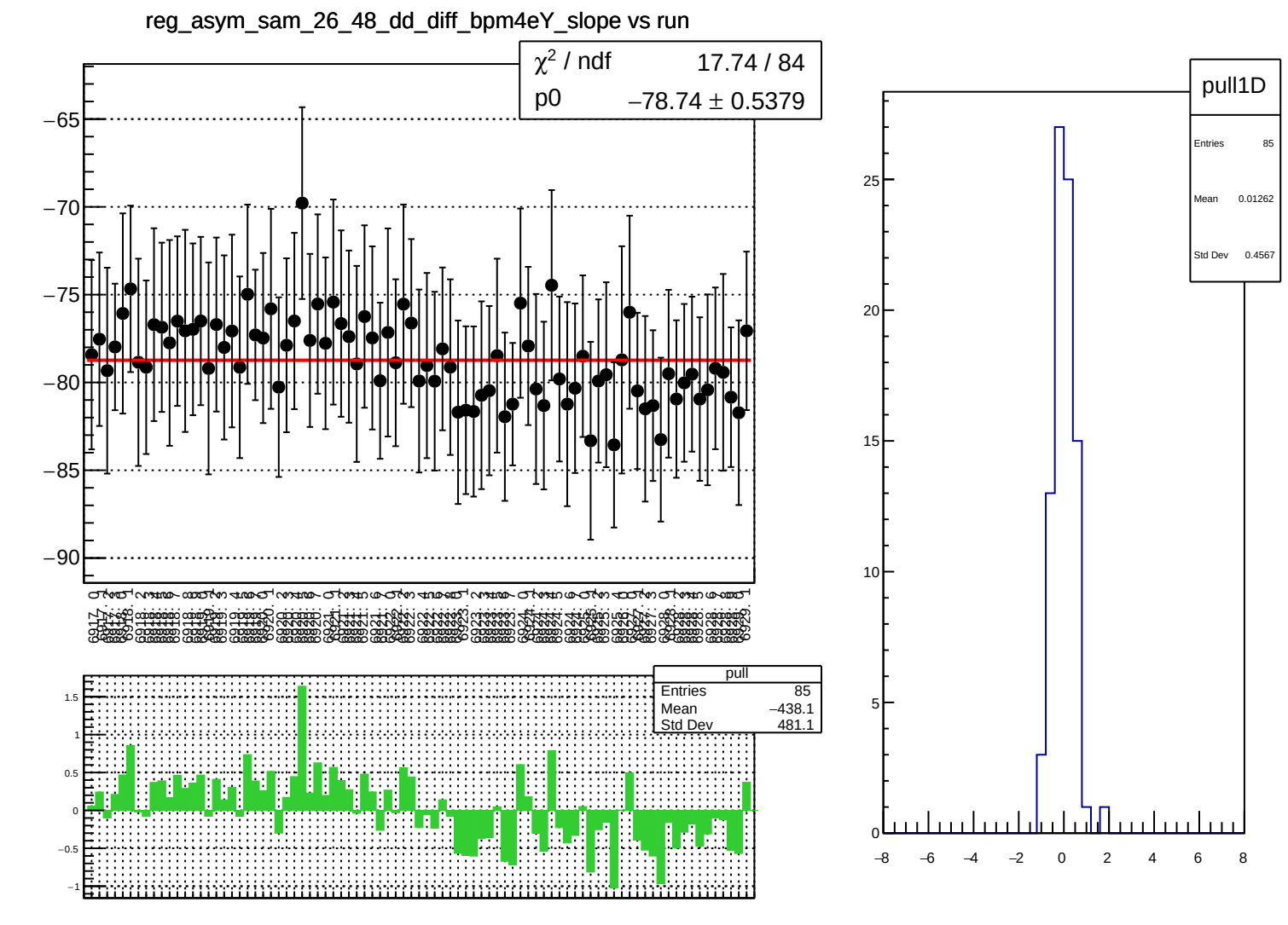

pull1D
Entries 85
Mean −0.002519
Std Dev 0.1799

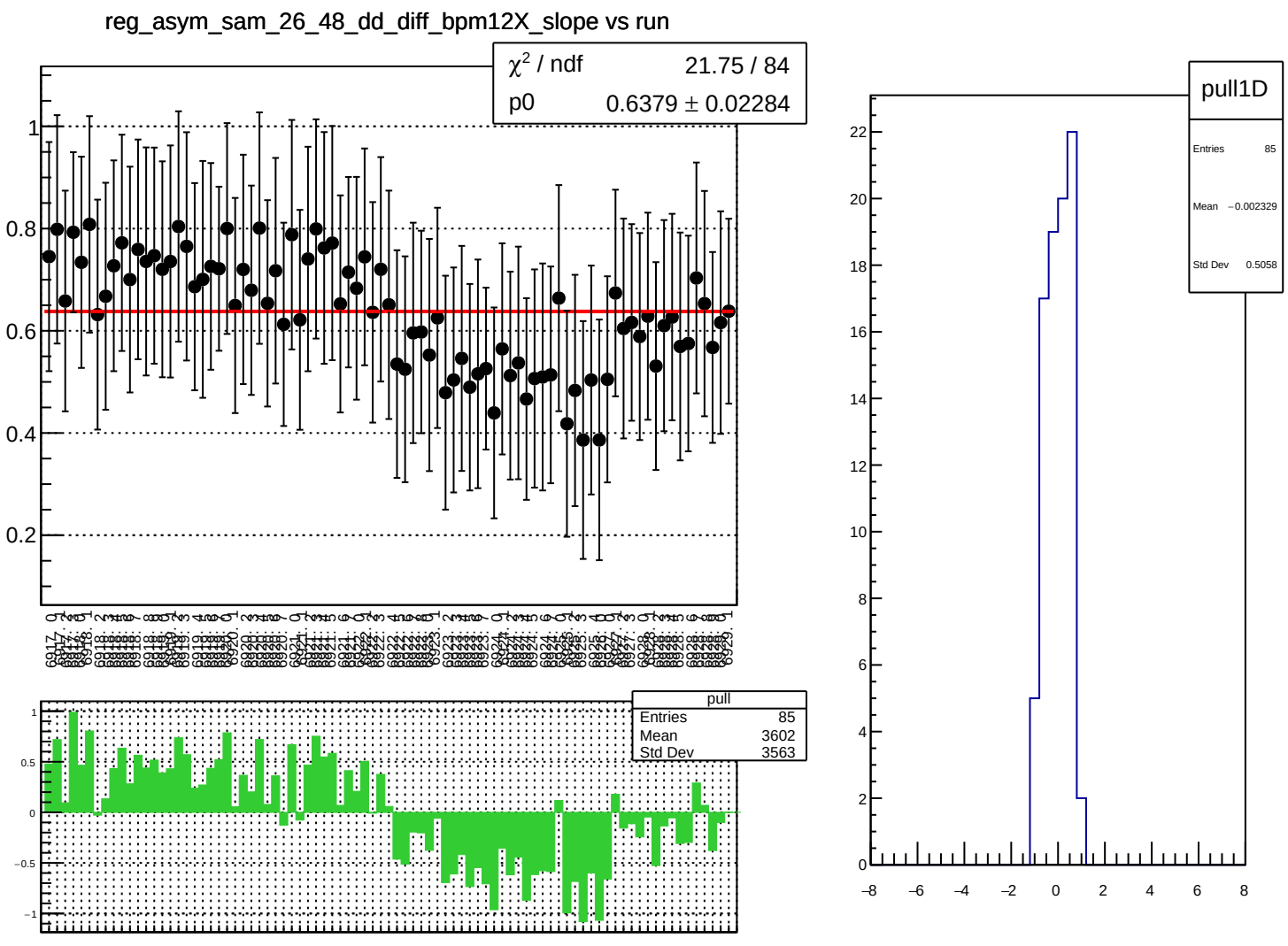

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs run
χ² / ndf 8.149 / 84
p0 8.163 ± 0.6882
pull
Entries 85
Mean −764.2
Std Dev 808.8
pull1D
Entries 85
Mean 0.006848
Std Dev 0.3095

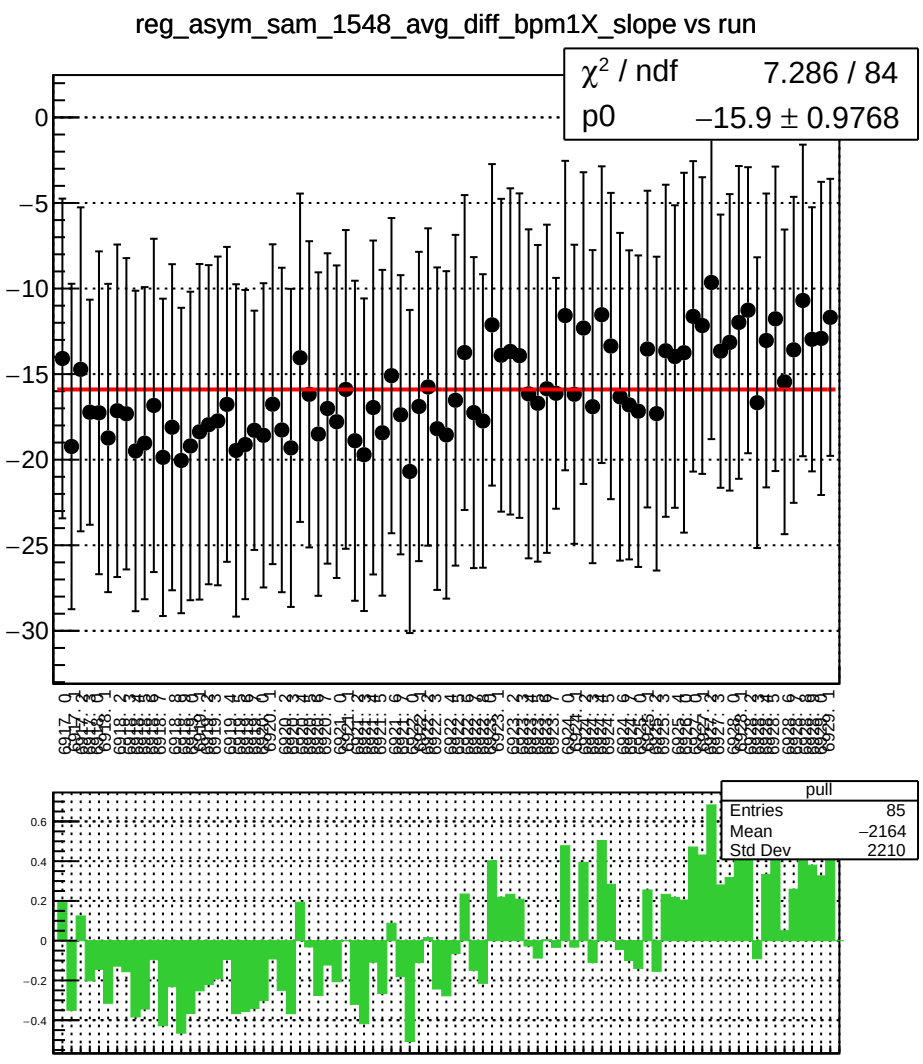

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 14.36 / 84
p0 5.191 ± 0.474
pull
Entries 85
Mean −73.39
Std Dev 113.5

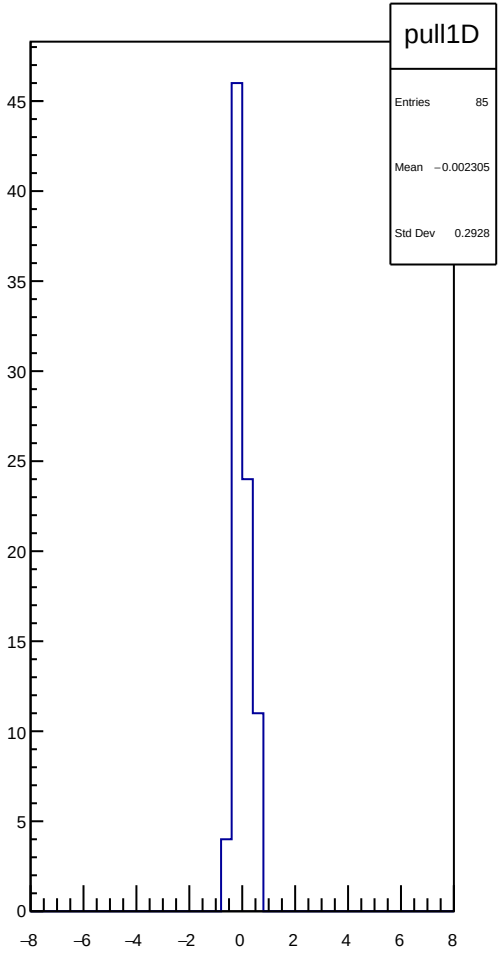

pull1D
Entries 85
Mean −0.03301
Std Dev 0.4097

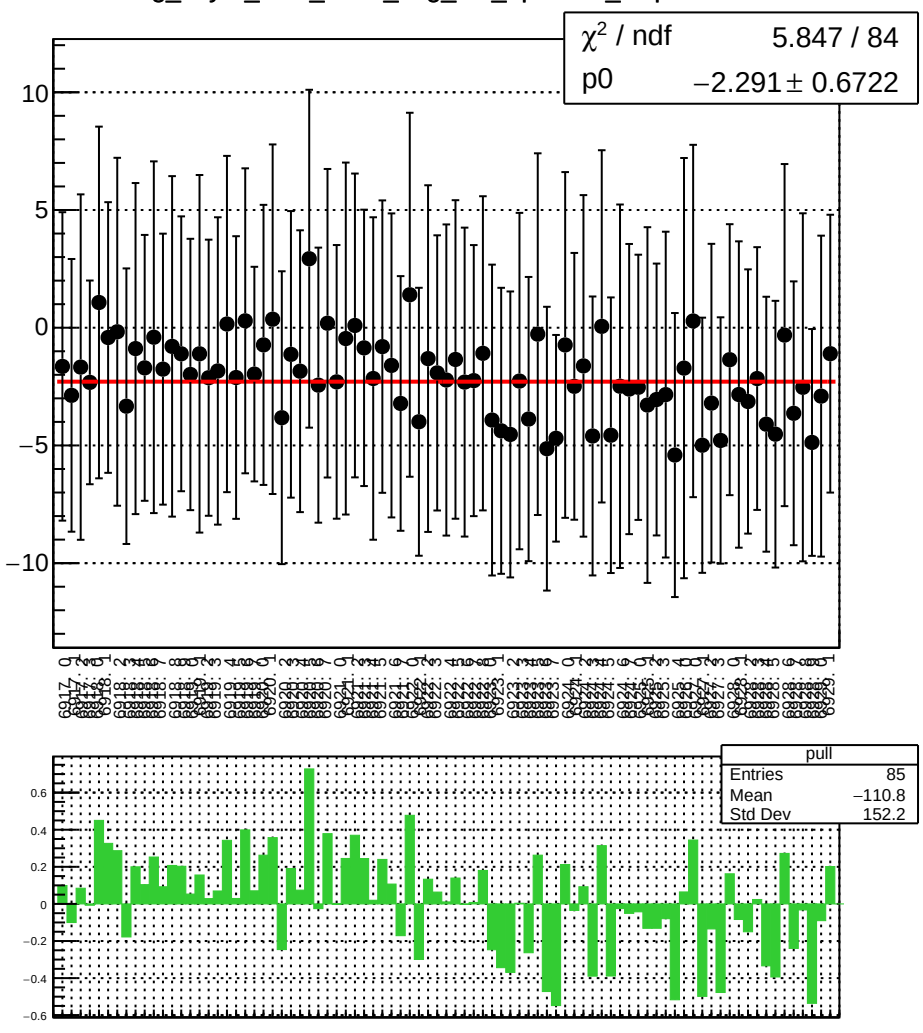

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 8.655 / 84
p0 13.52 ± 0.6384
pull
Entries 85
Mean −702.4
Std Dev 745
pull1D
Entries 85
Mean −0.00758
Std Dev 0.319

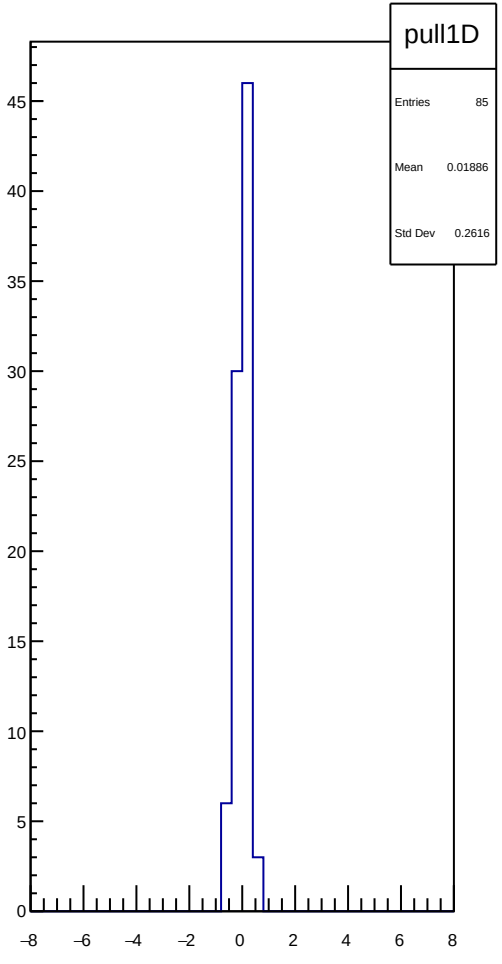

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 17.74 / 84
p0 −78.74 ± 0.5379
pull
Entries 85
Mean −438.1
Std Dev 481.1
pull1D
Entries 85
Mean 0.01262
Std Dev 0.4567

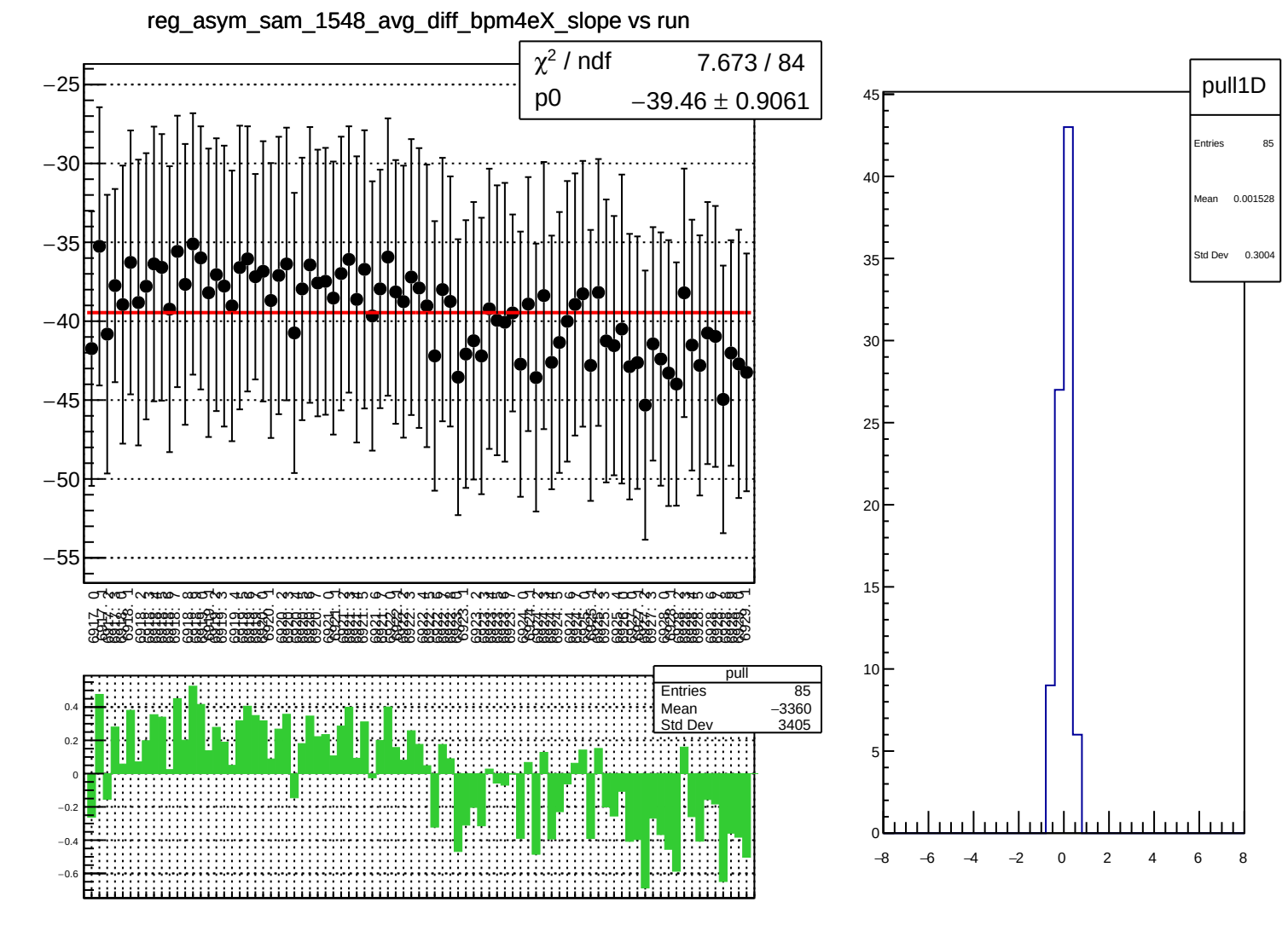

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs run
χ² / ndf 21.75 / 84
p0 0.6379 ± 0.02284
pull
Entries 85
Mean 3602
Std Dev 3563
pull1D
Entries 85
Mean −0.002329
Std Dev 0.5058

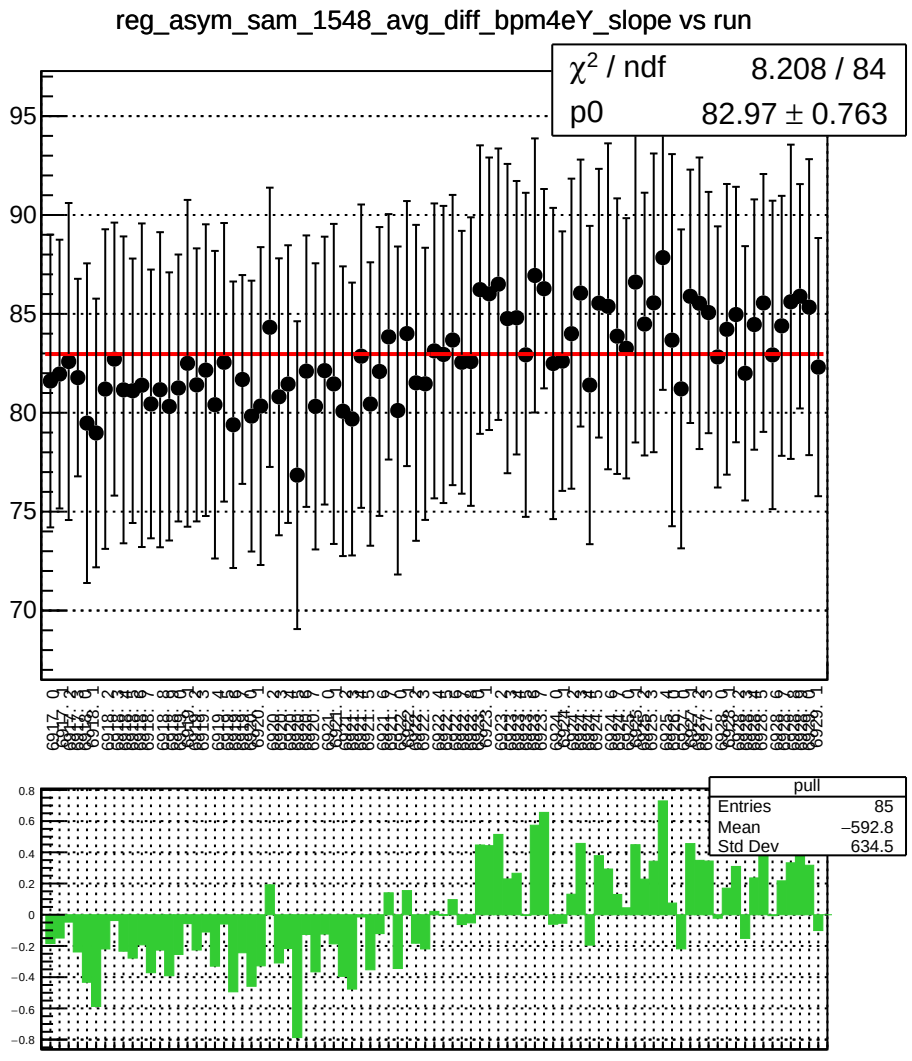

reg_asym_sam_1548_avg_diff_bpm1X_slope vs run
χ² / ndf 7.286 / 84
p0 −15.9 ± 0.9768
pull
Entries 85
Mean −2164
Std Dev 2210

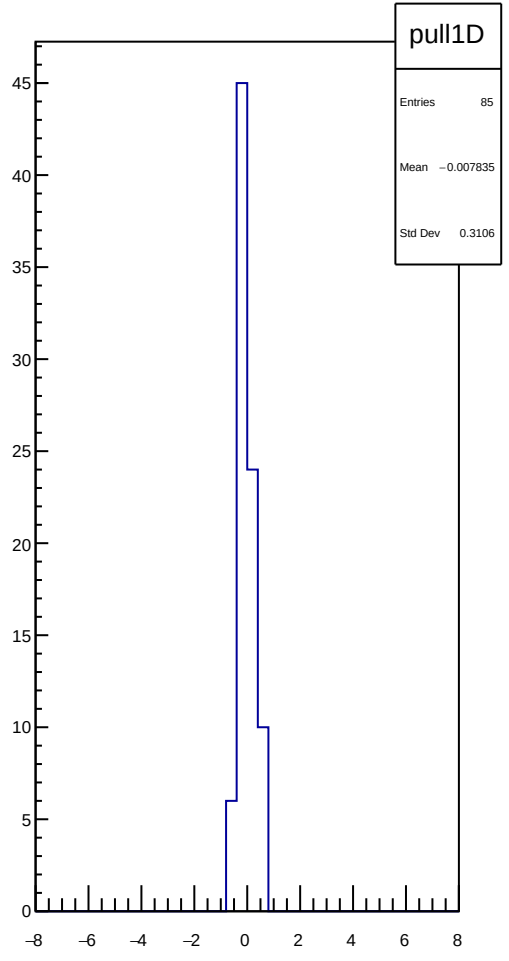

pull1D
Entries 85
Mean −0.002305
Std Dev 0.2928

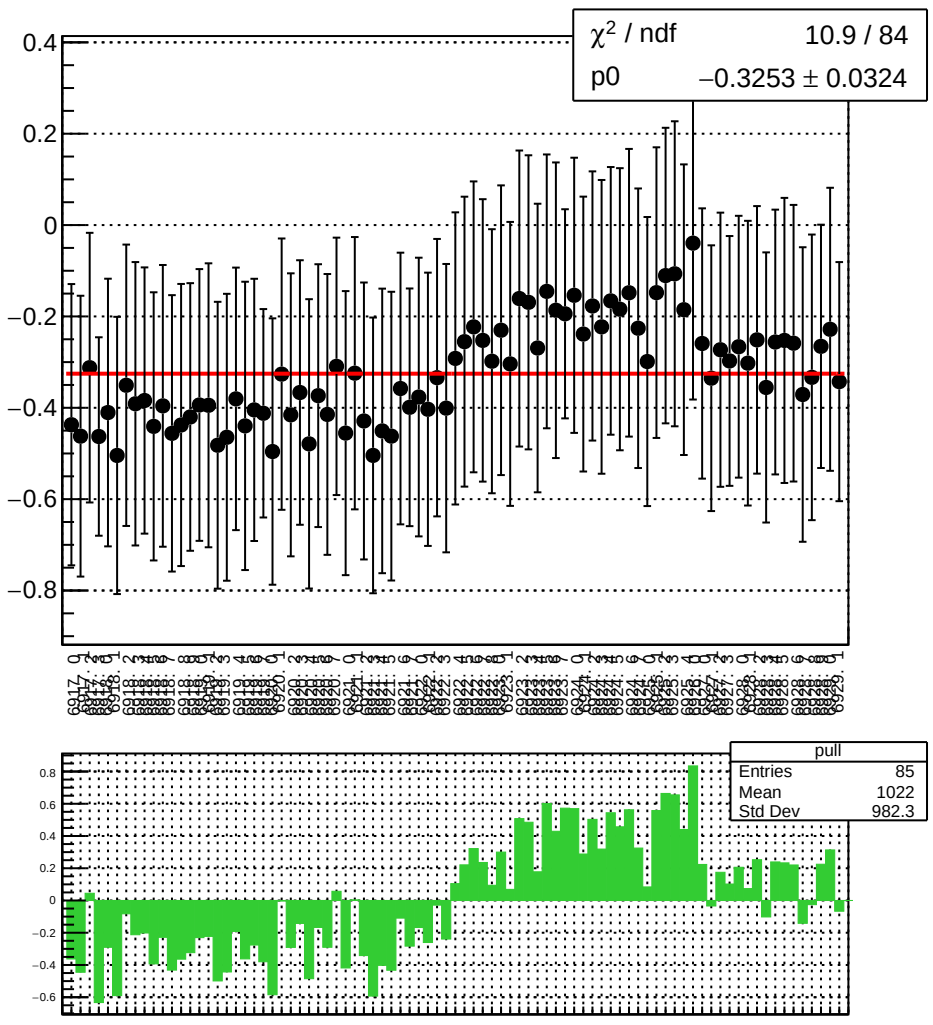

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs run
χ² / ndf 5.847 / 84
p0 −2.291 ± 0.6722
pull
Entries 85
Mean −110.8
Std Dev 152.2

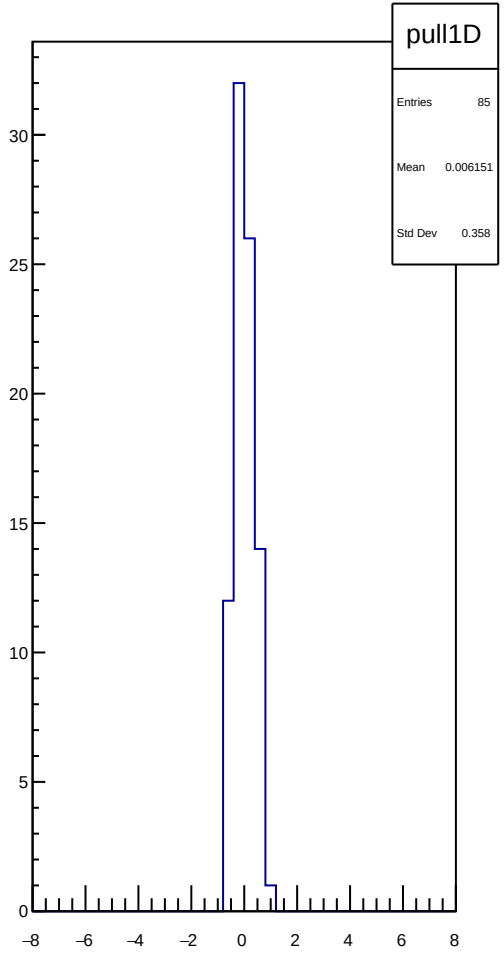

pull1D
Entries 85
Mean 0.01886
Std Dev 0.2616

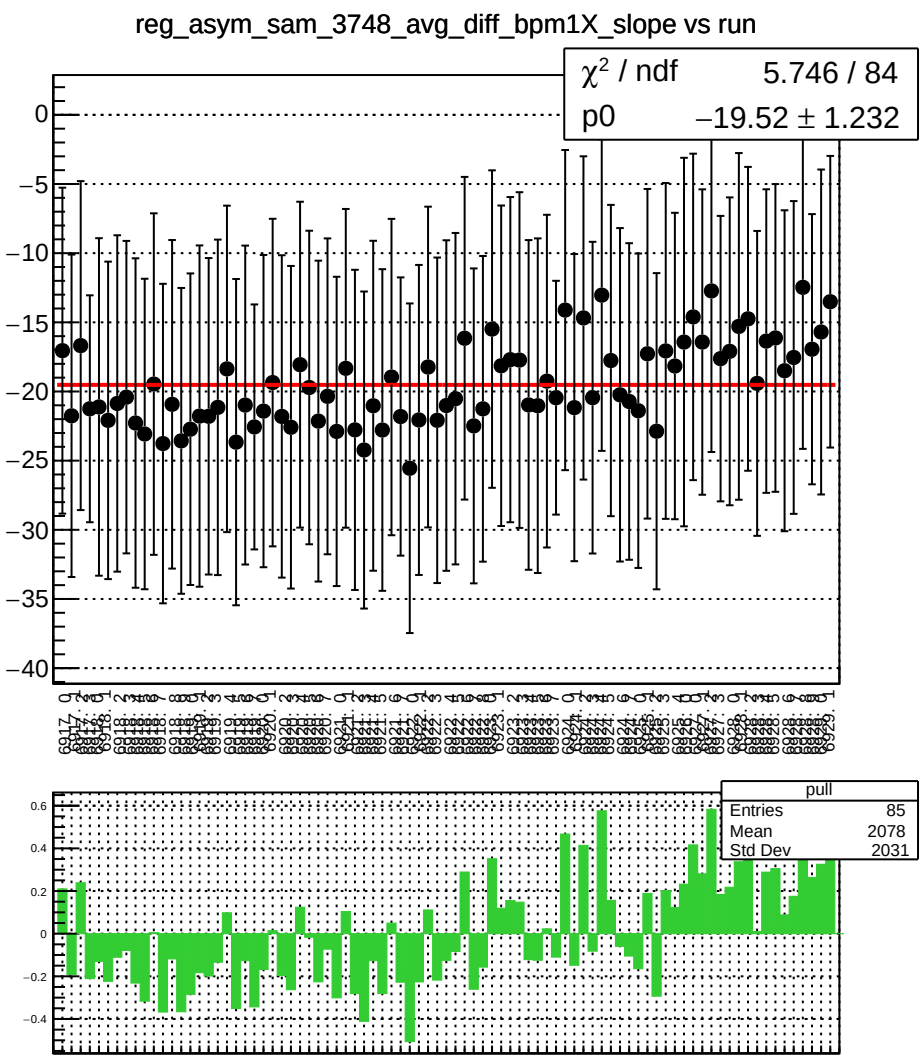

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs run
χ² / ndf 7.673 / 84
p0 −39.46 ± 0.9061
pull
Entries 85
Mean −3360
Std Dev 3405
pull1D
Entries 85
Mean 0.001528
Std Dev 0.3004

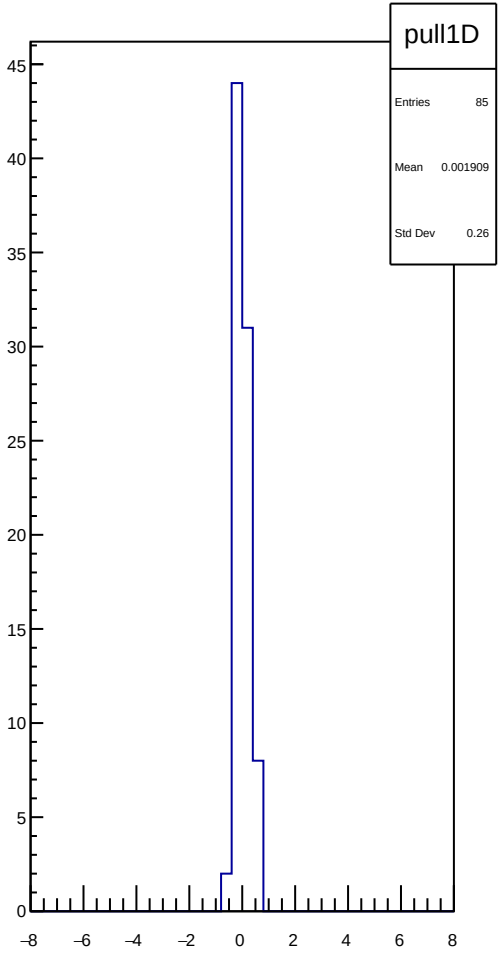

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs run
χ² / ndf 8.208 / 84
p0 82.97 ± 0.763
95
90
85
80
75
70
pull
Entries 85
Mean −592.8
Std Dev 634.5
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

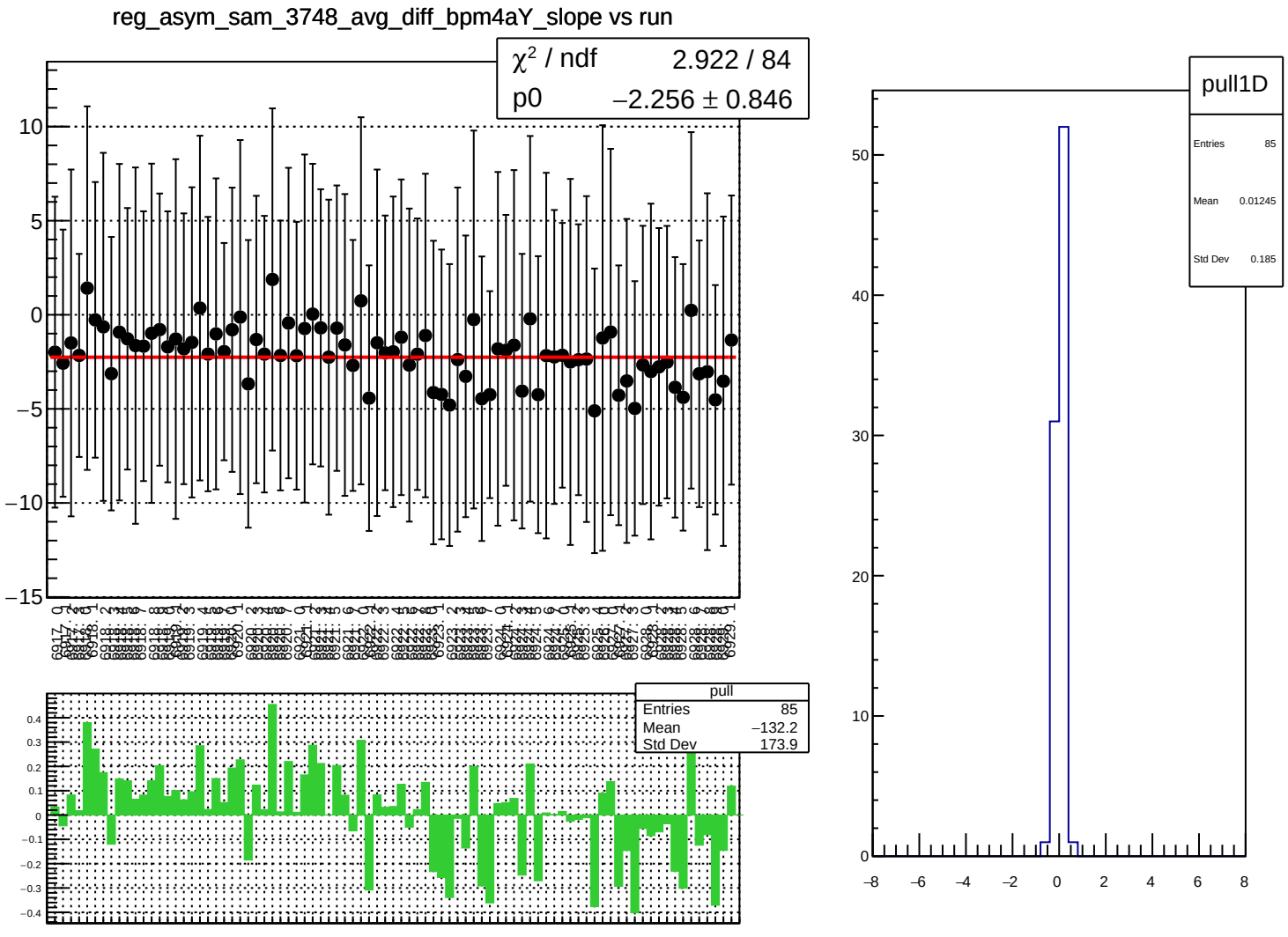

pull1D
Entries 85
Mean −0.007835
Std Dev 0.3106
45
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

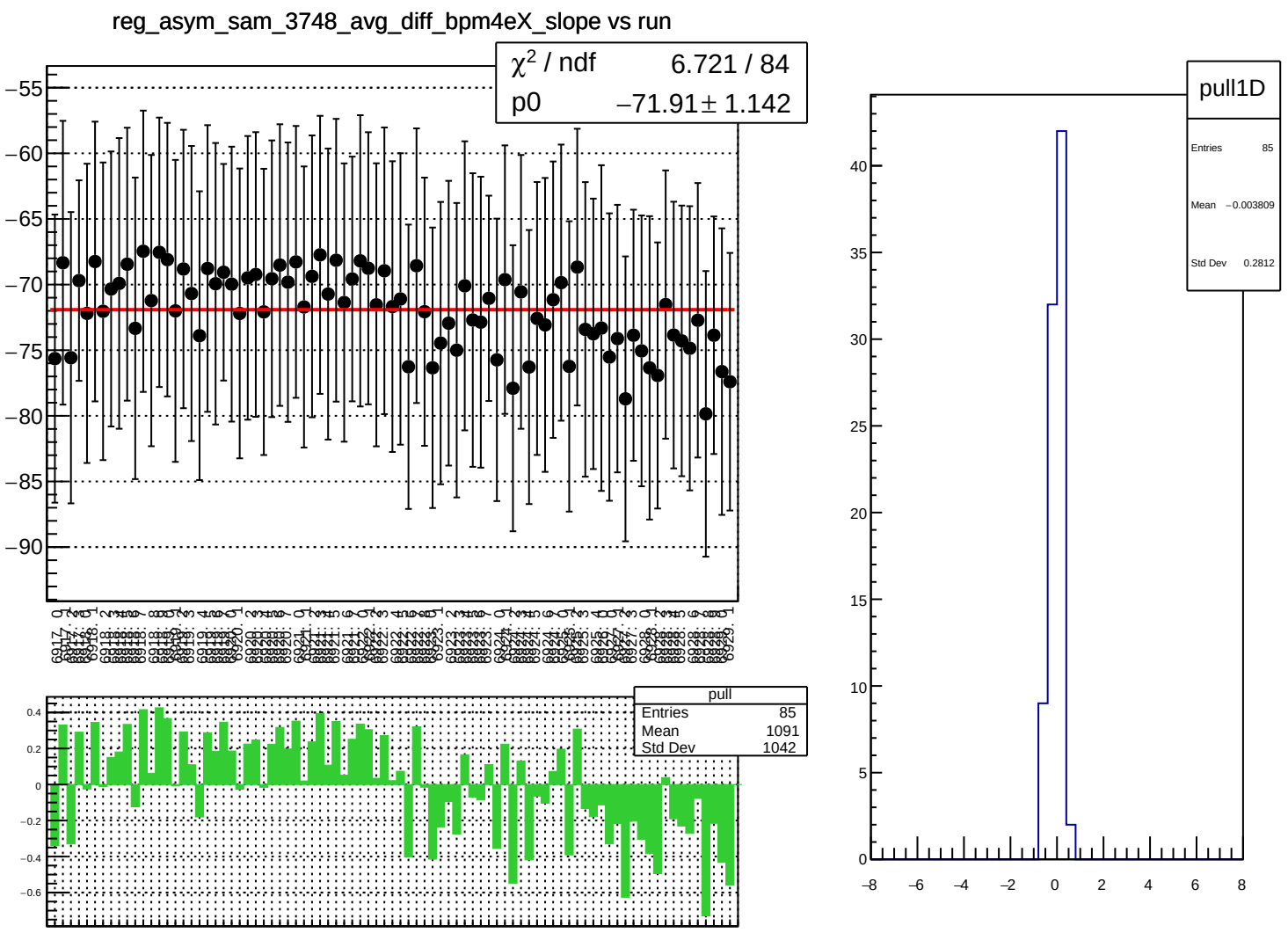

reg_asym_sam_1548_avg_diff_bpm12X_slope vs run
χ² / ndf 10.9 / 84
p0 −0.3253 ± 0.0324
pull
Entries 85
Mean 1022
Std Dev 982.3

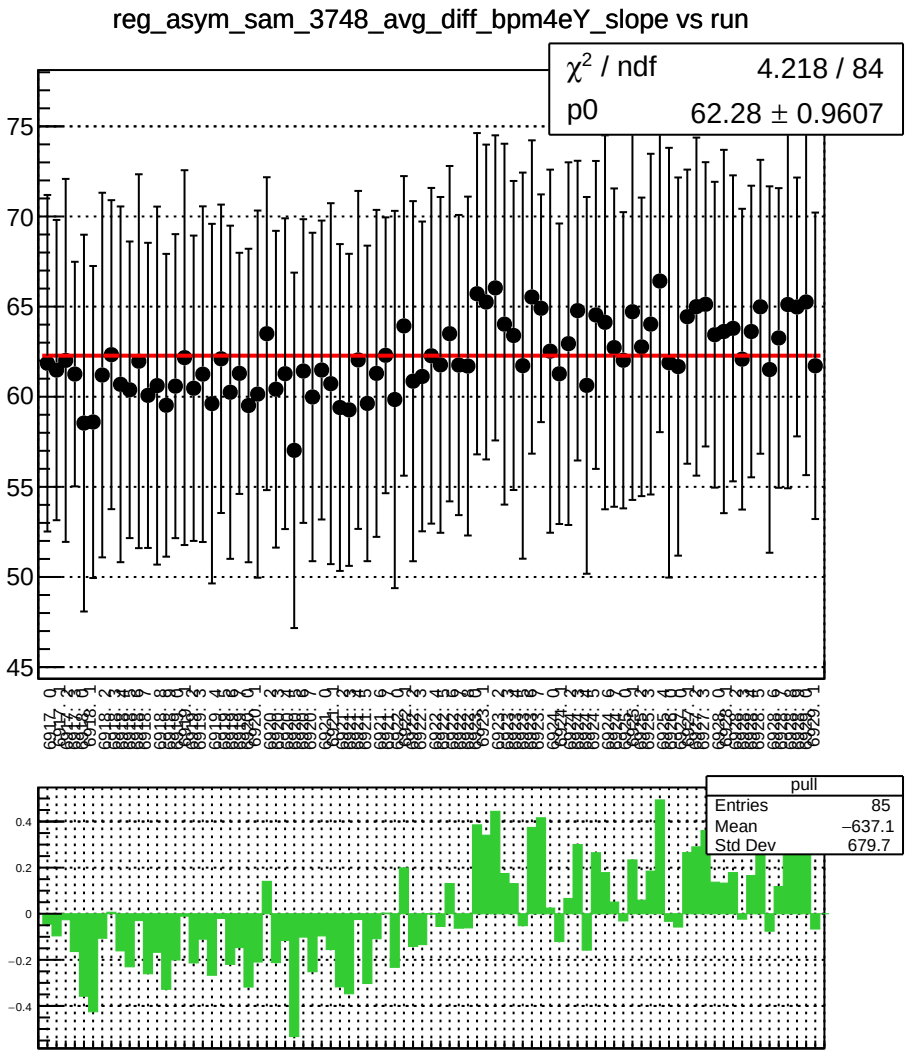

pull1D
Entries 85
Mean 0.006151
Std Dev 0.358

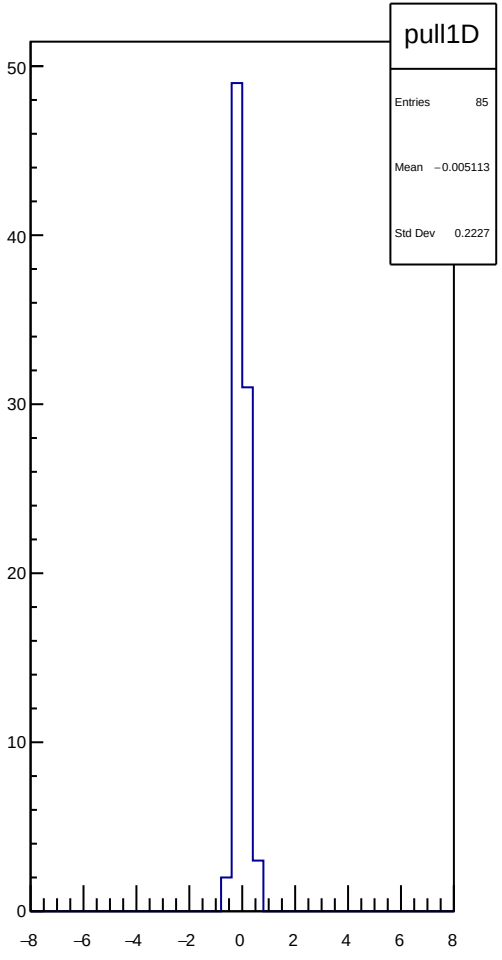

reg_asym_sam_3748_avg_diff_bpm1X_slope vs run
χ² / ndf 5.746 / 84
p0 −19.52 ± 1.232
pull
Entries 85
Mean 2078
Std Dev 2031

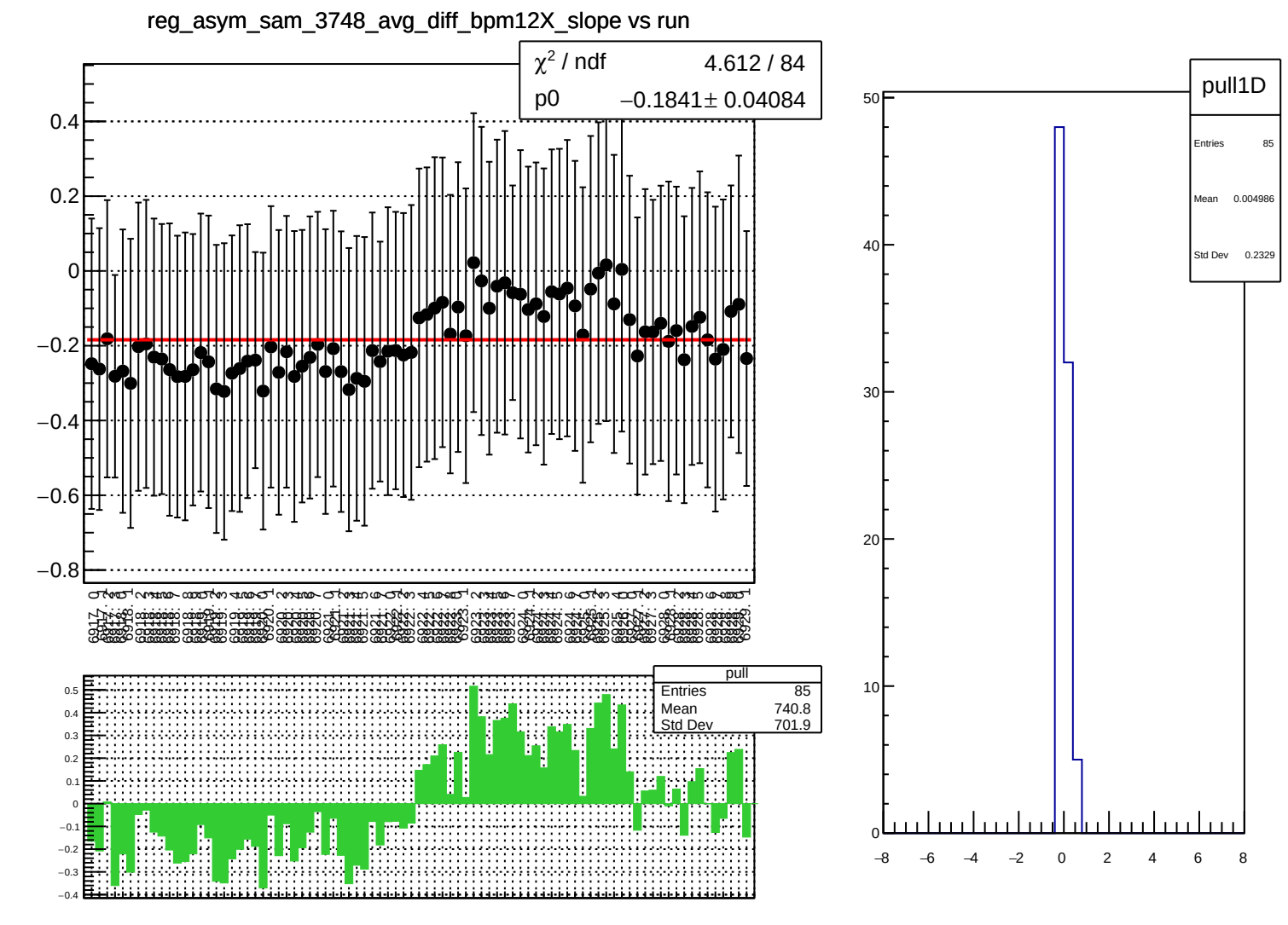

pull1D
Entries 85
Mean 0.001909
Std Dev 0.26

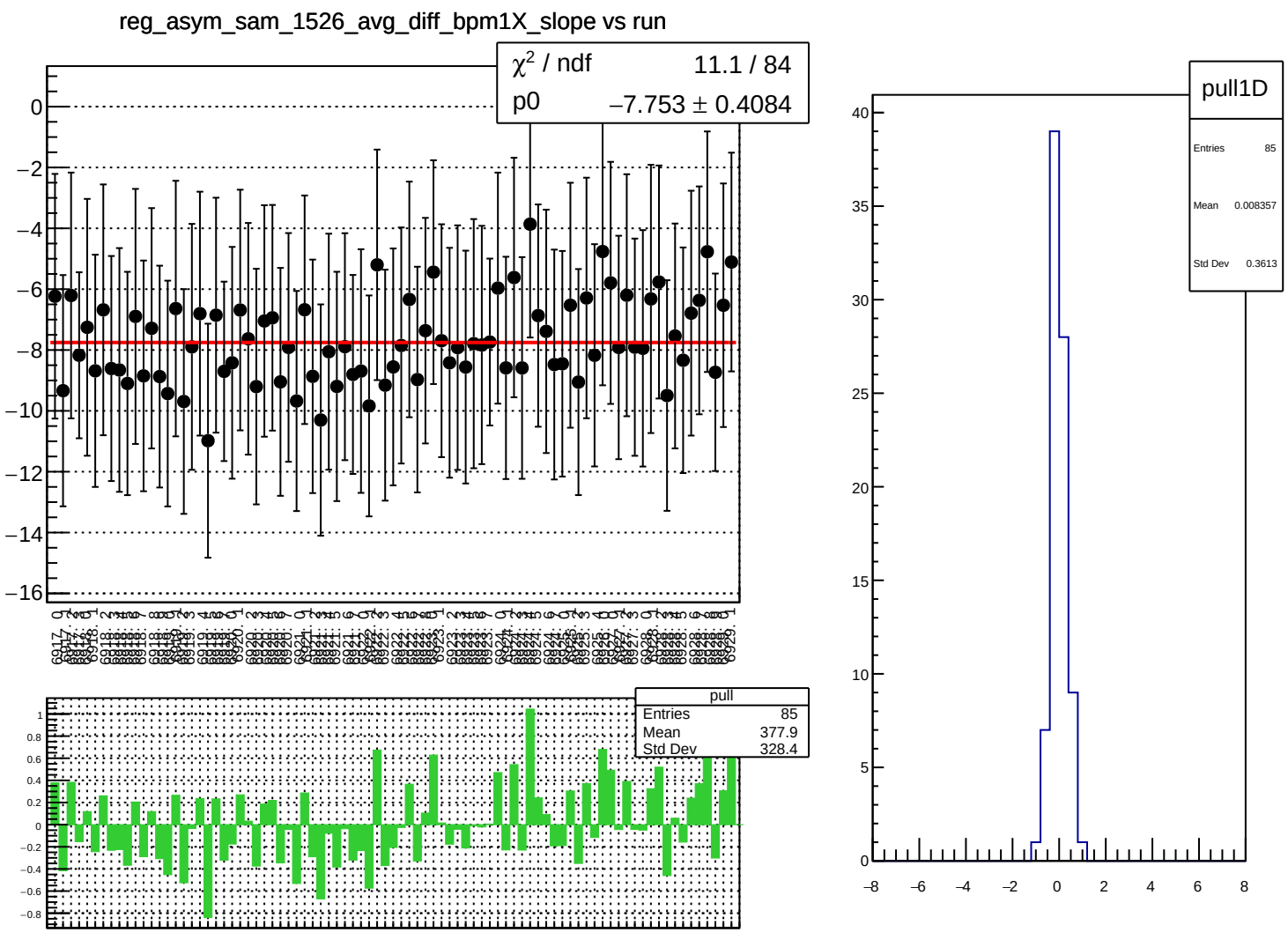

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs run
χ² / ndf 2.922 / 84
p0 −2.256 ± 0.846
pull
Entries 85
Mean −132.2
Std Dev 173.9
pull1D
Entries 85
Mean 0.01245
Std Dev 0.185

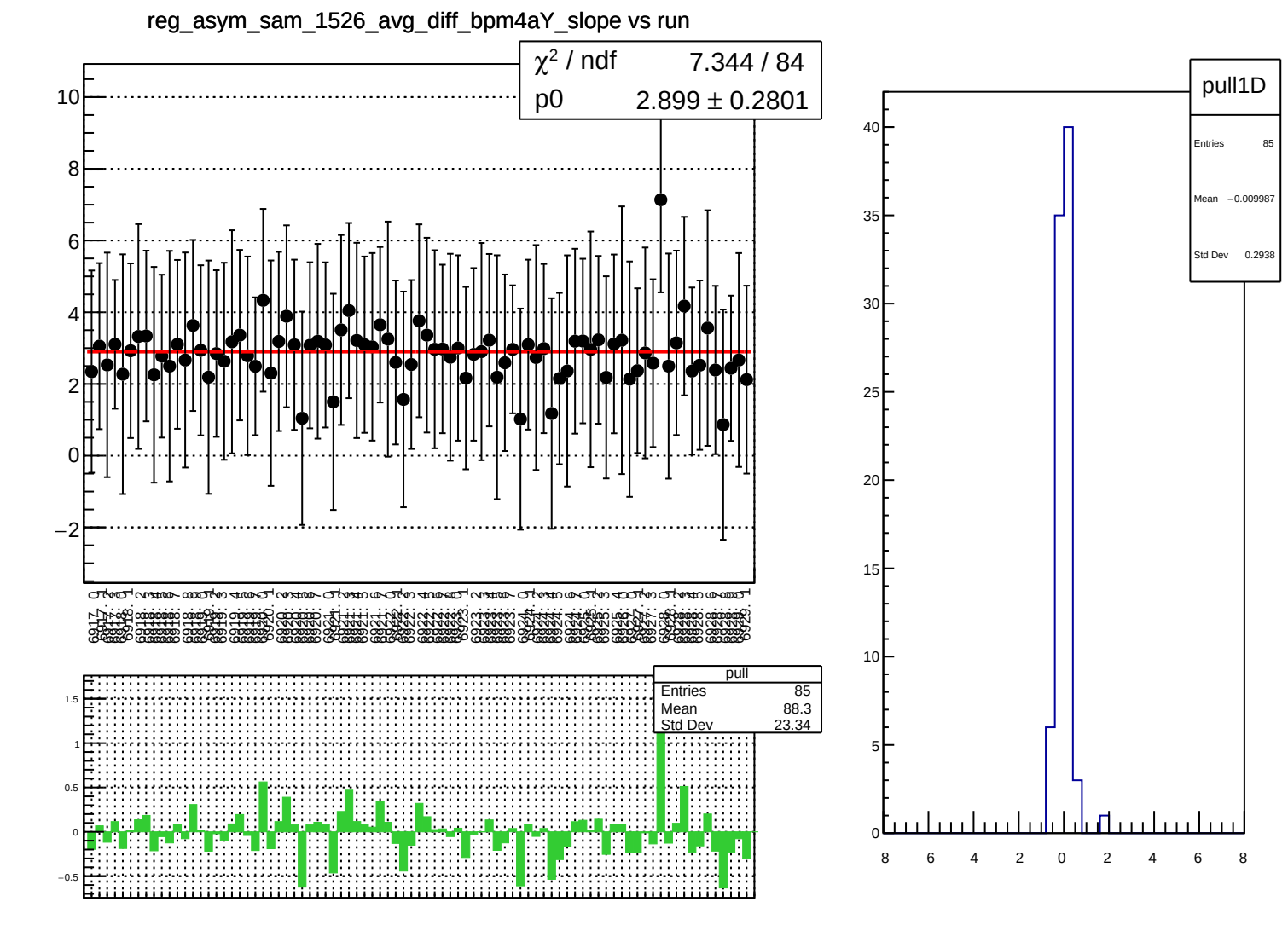

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs run
χ² / ndf 6.721 / 84
p0 −71.91 ± 1.142
−55
−60
−65
−70
−75
−80
−85
−90
pull
Entries 85
Mean 1091
Std Dev 1042
0.4
0.2
0
−0.2
−0.4
−0.6
pull1D
Entries 85
Mean −0.003809
Std Dev 0.2812
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

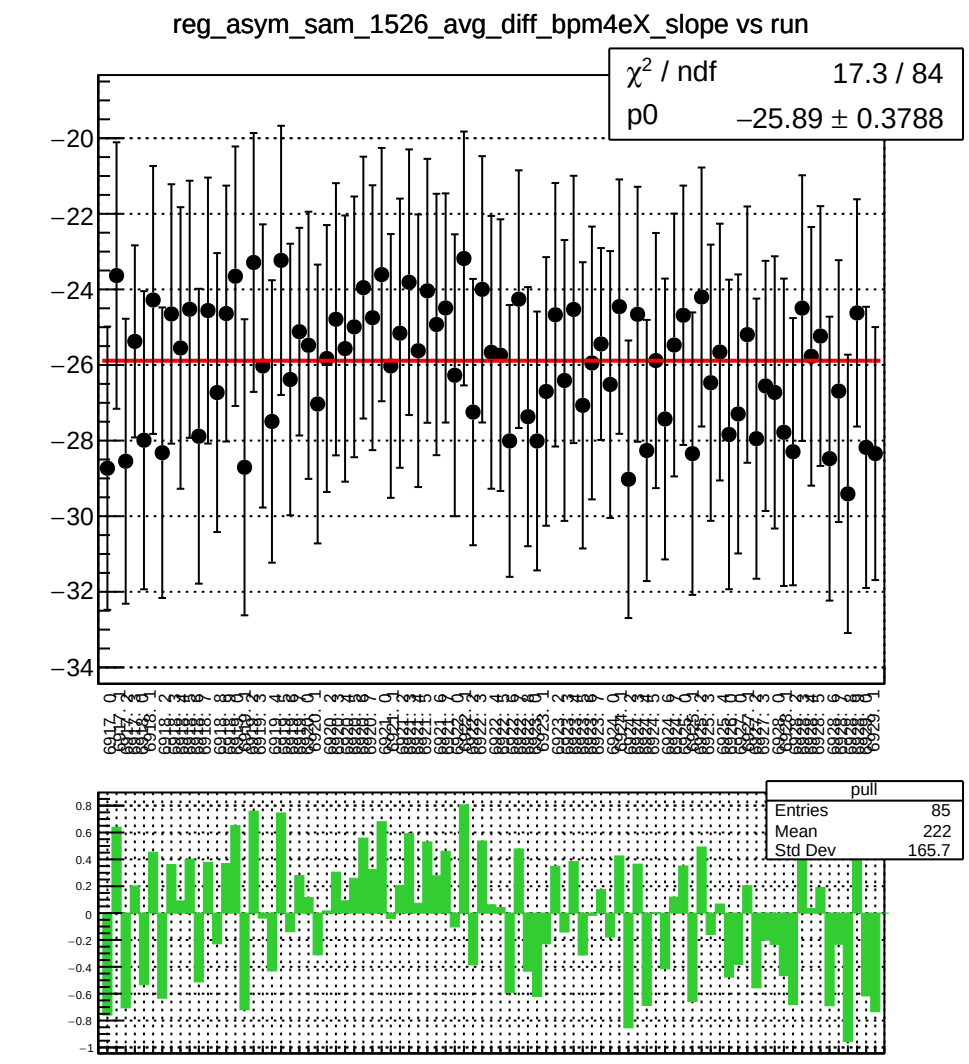

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs run
χ² / ndf 4.218 / 84
p0 62.28 ± 0.9607
pull
Entries 85
Mean −637.1
Std Dev 679.7

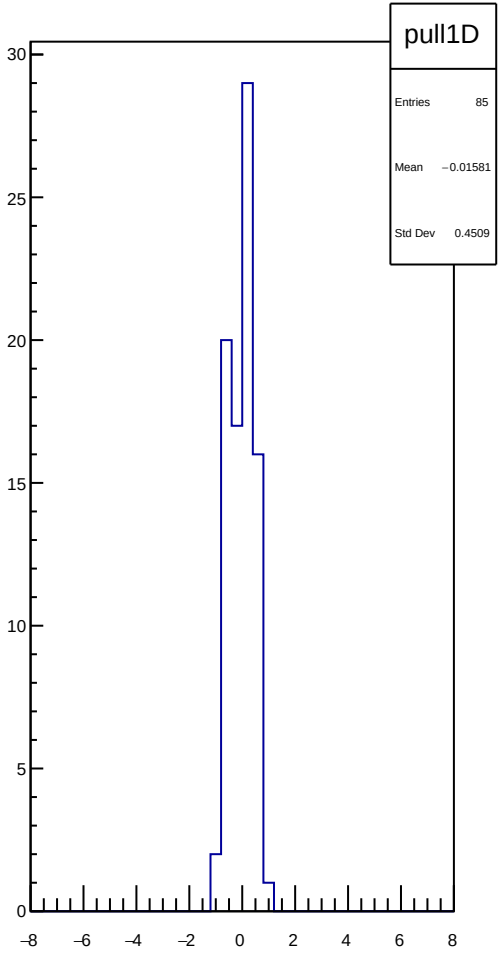

pull1D
Entries 85
Mean −0.005113
Std Dev 0.2227

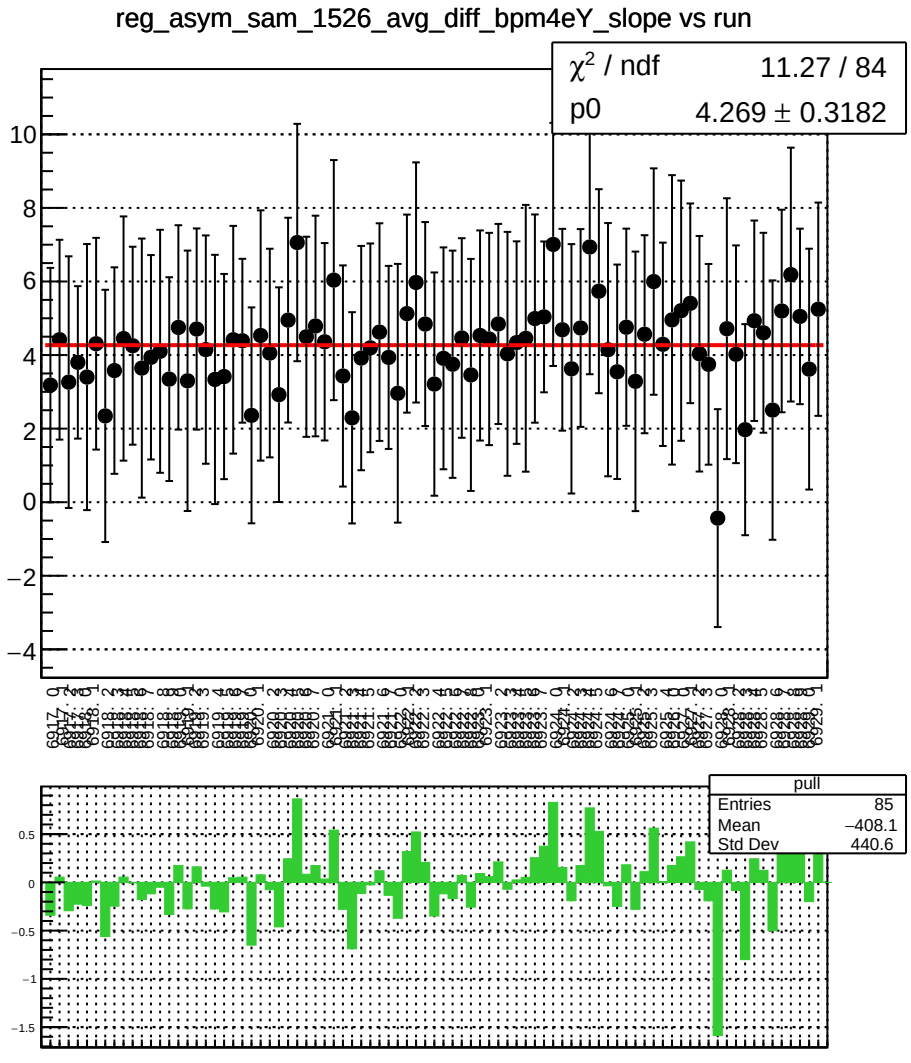

reg_asym_sam_3748_avg_diff_bpm12X_slope vs run
χ² / ndf 4.612 / 84
p0 −0.1841± 0.04084
pull
Entries 85
Mean 740.8
Std Dev 701.9
pull1D
Entries 85
Mean 0.004986
Std Dev 0.2329

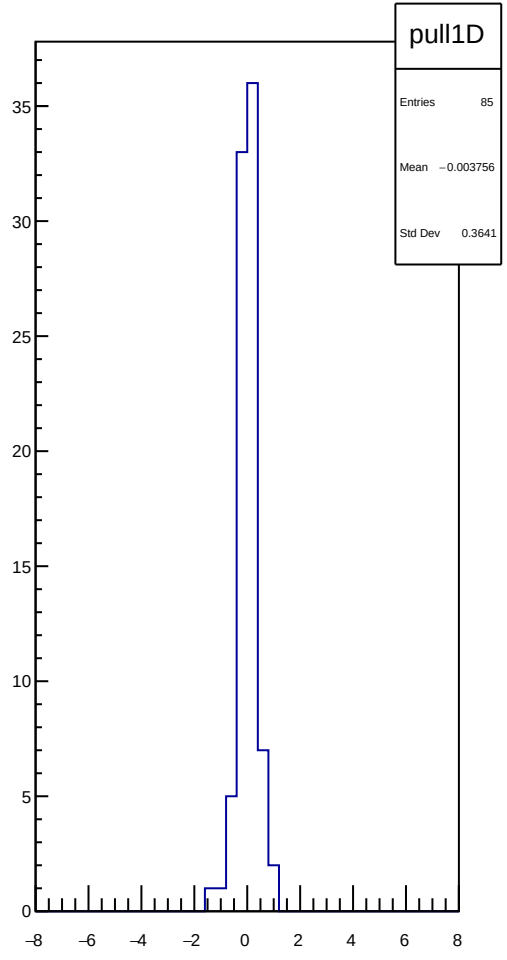

reg_asym_sam_1526_avg_diff_bpm1X_slope vs run
χ² / ndf 11.1 / 84
p0 −7.753 ± 0.4084
pull
Entries 85
Mean 377.9
Std Dev 328.4
pull1D
Entries 85
Mean 0.008357
Std Dev 0.3613

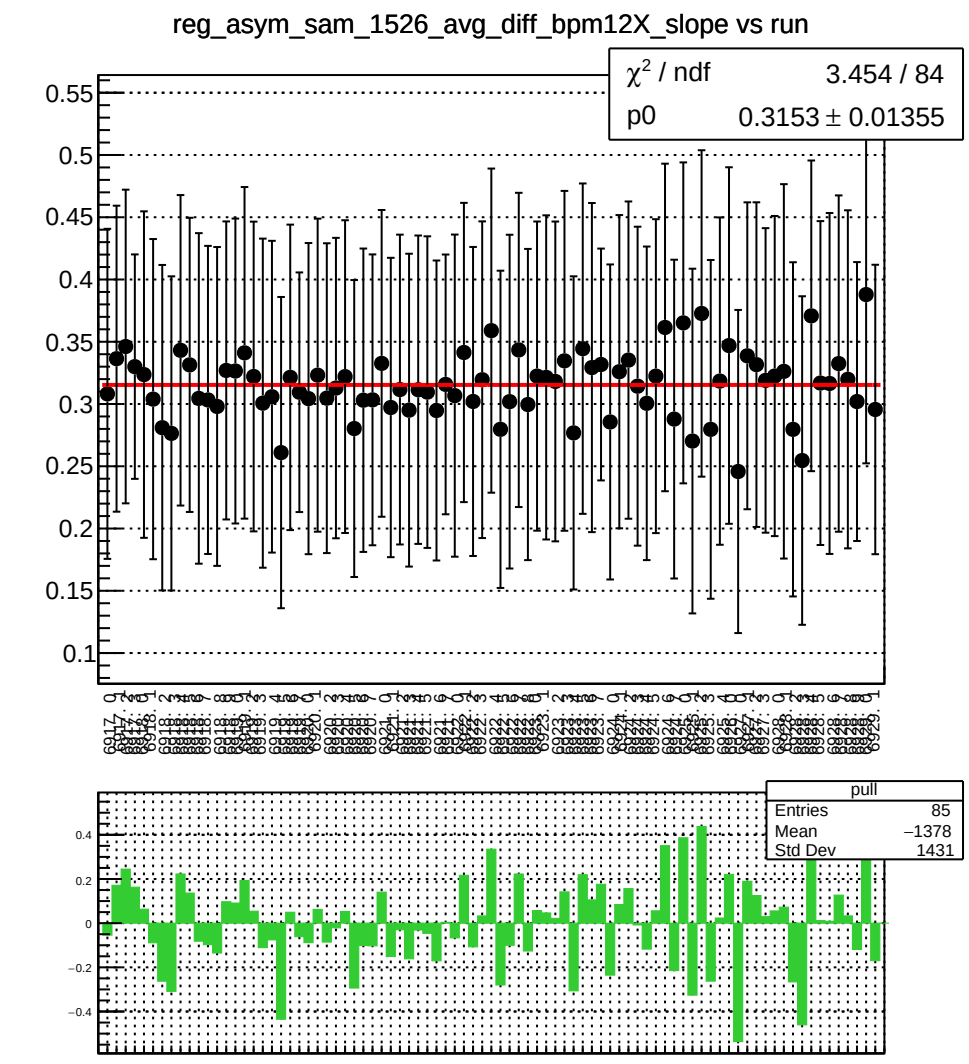

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs run
χ² / ndf 7.344 / 84
p0 2.899 ± 0.2801
pull
Entries 85
Mean 88.3
Std Dev 23.34
pull1D
Entries 85
Mean −0.009987
Std Dev 0.2938

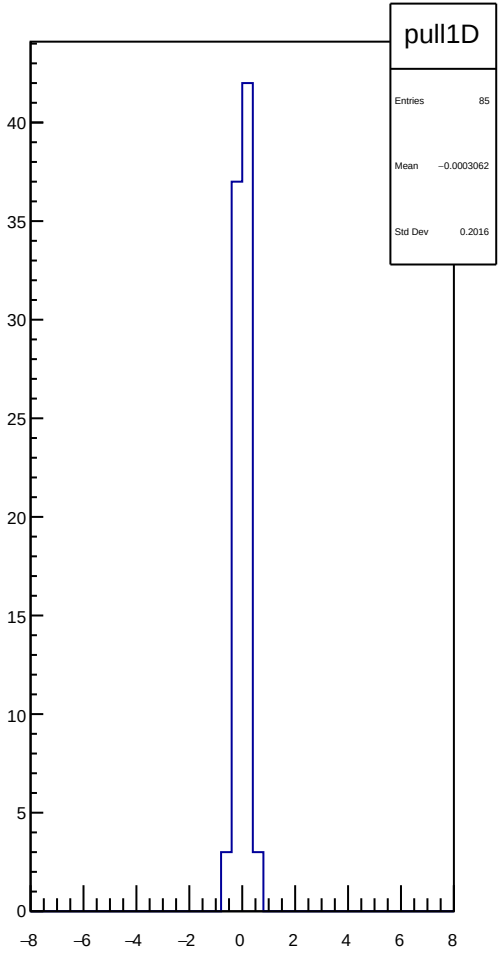

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs run
χ² / ndf 17.3 / 84
p0 −25.89 ± 0.3788
pull
Entries 85
Mean 222
Std Dev 165.7

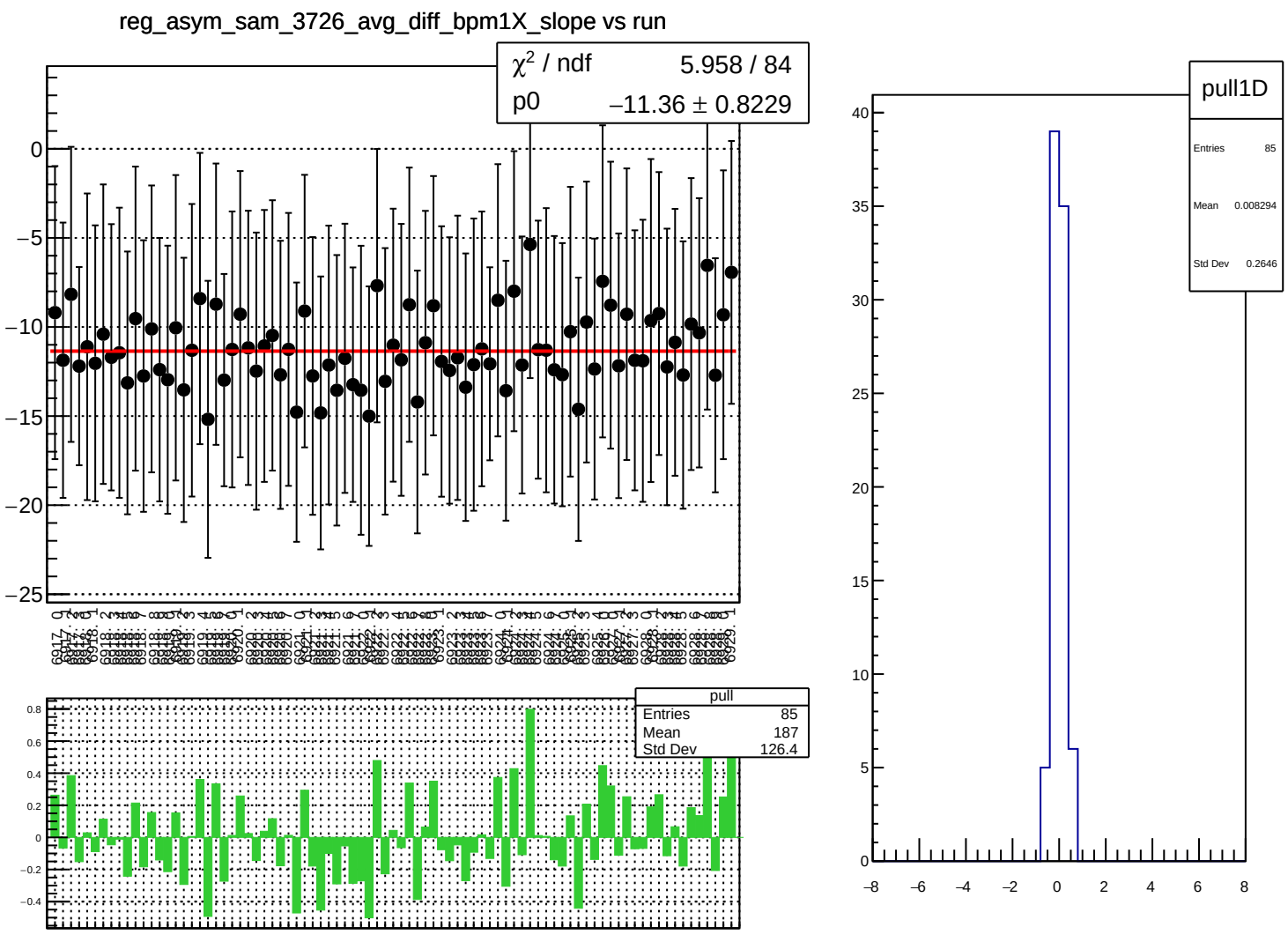

pull1D
Entries 85
Mean −0.01581
Std Dev 0.4509

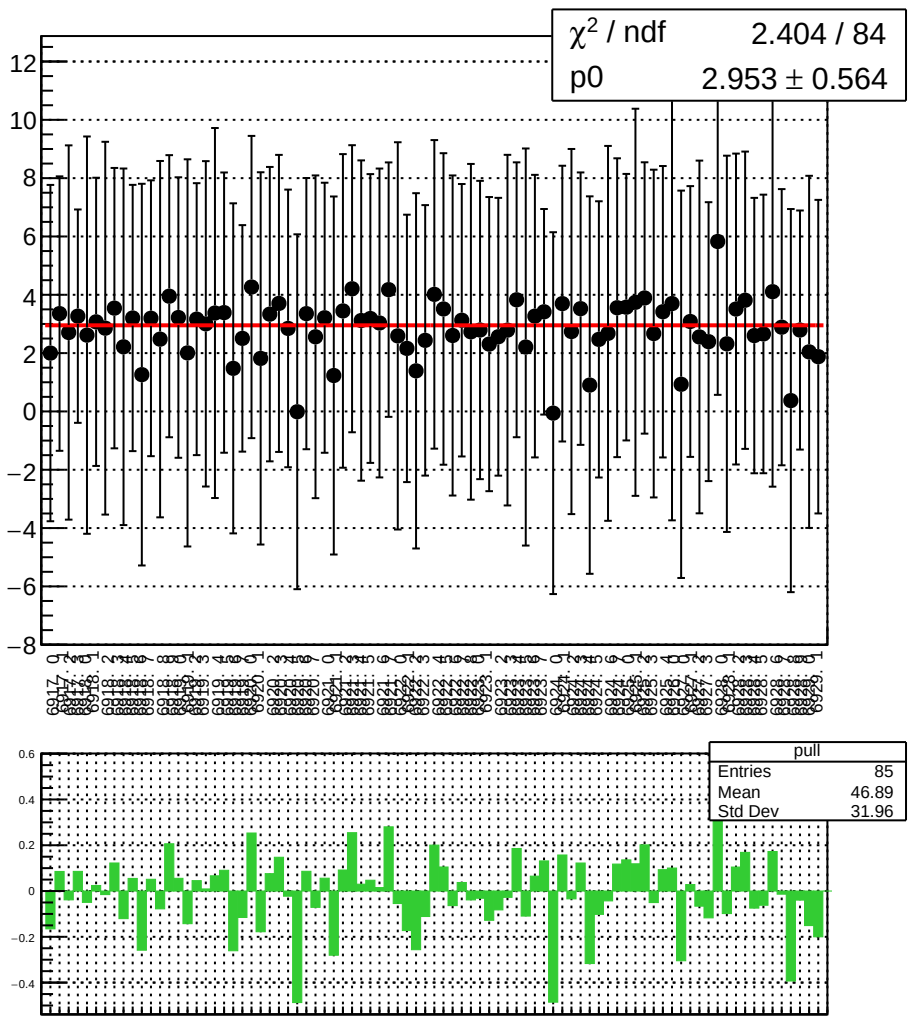

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs run
χ² / ndf 11.27 / 84
p0 4.269 ± 0.3182
pull
Entries 85
Mean −408.1
Std Dev 440.6

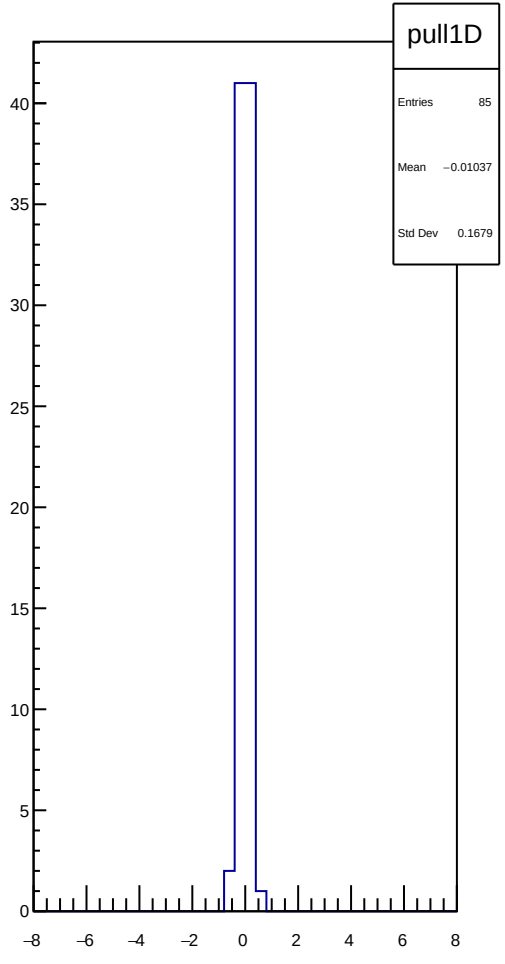

pull1D
Entries 85
Mean −0.003756
Std Dev 0.3641

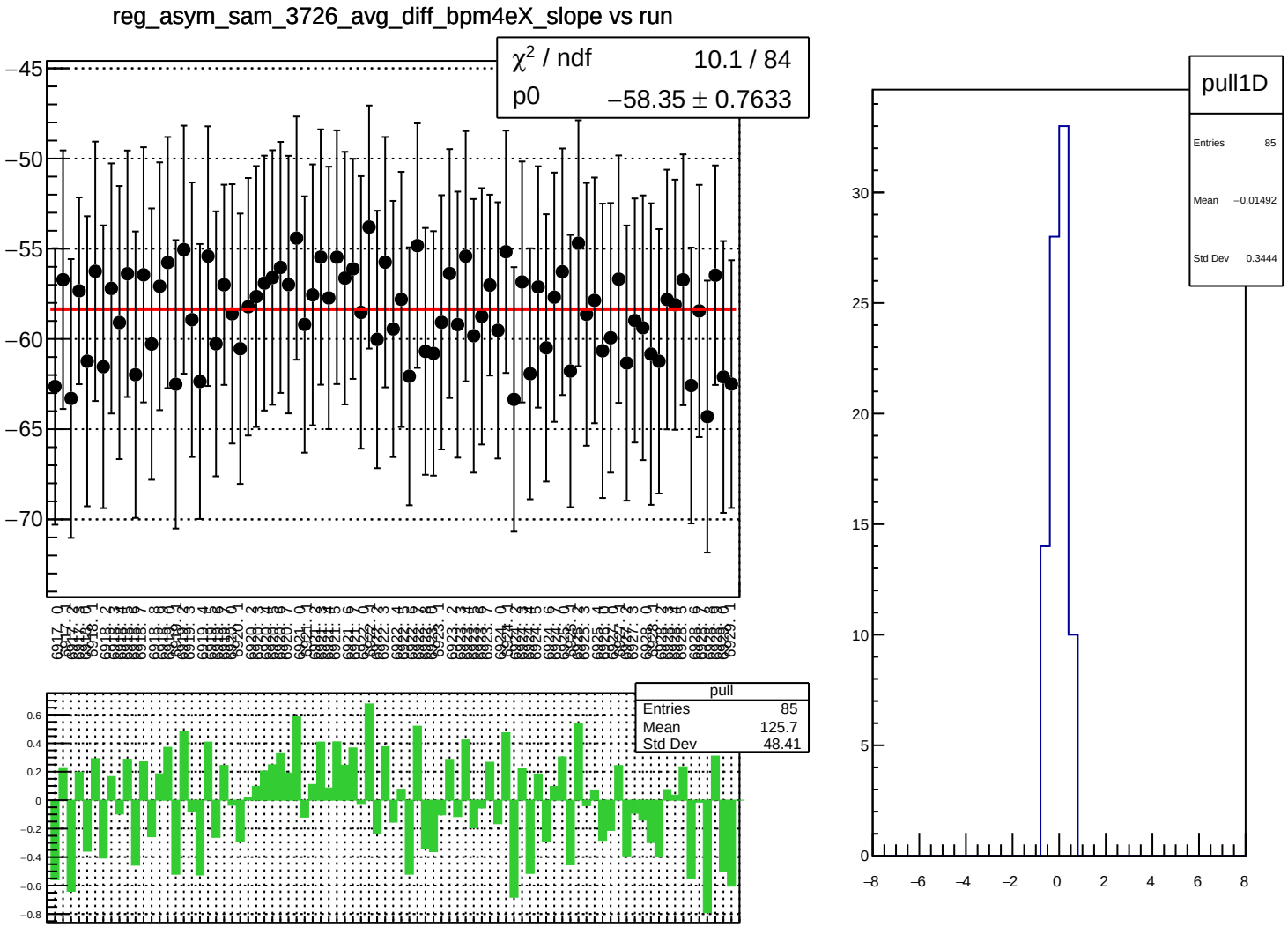

reg_asym_sam_1526_avg_diff_bpm12X_slope vs run
χ² / ndf 3.454 / 84
p0 0.3153 ± 0.01355
pull
Entries 85
Mean −1378
Std Dev 1431

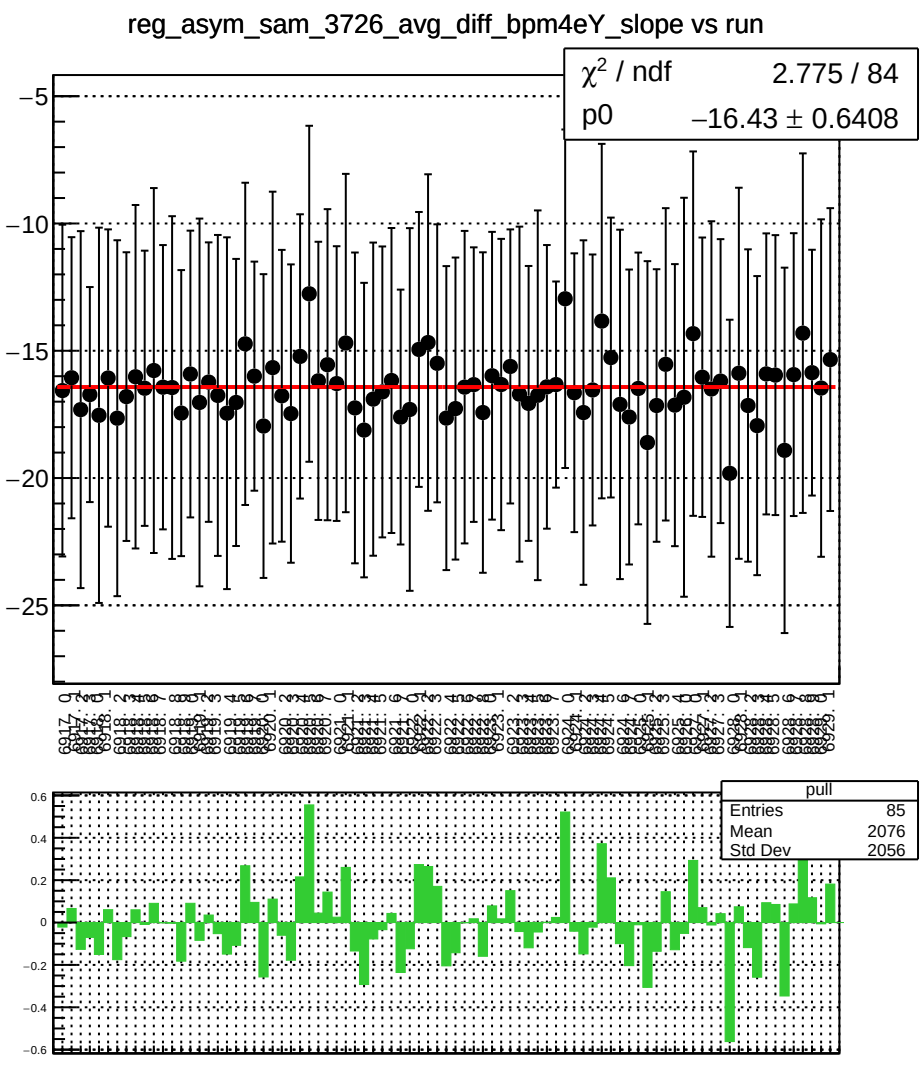

pull1D
Entries 85
Mean −0.0003062
Std Dev 0.2016

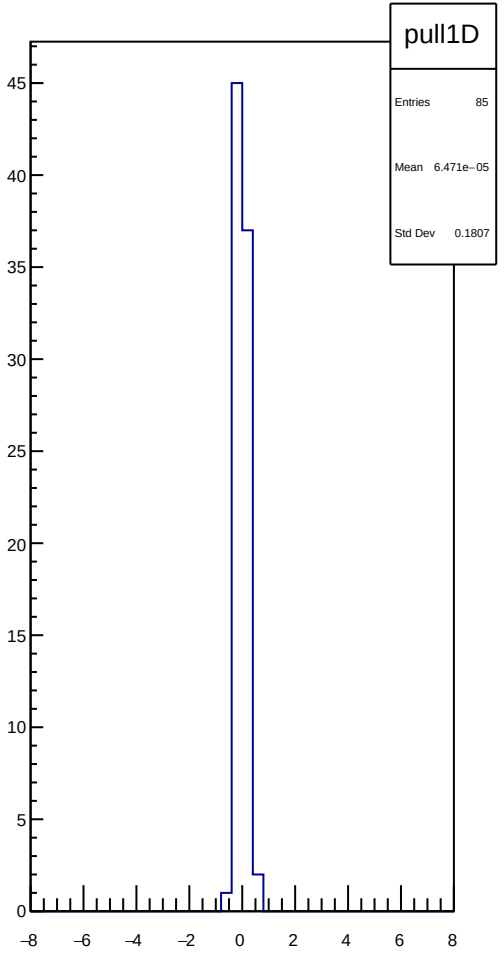

reg_asym_sam_3726_avg_diff_bpm1X_slope vs run
χ² / ndf 5.958 / 84
p0 −11.36 ± 0.8229
pull
Entries 85
Mean 187
Std Dev 126.4
pull1D
Entries 85
Mean 0.008294
Std Dev 0.2646

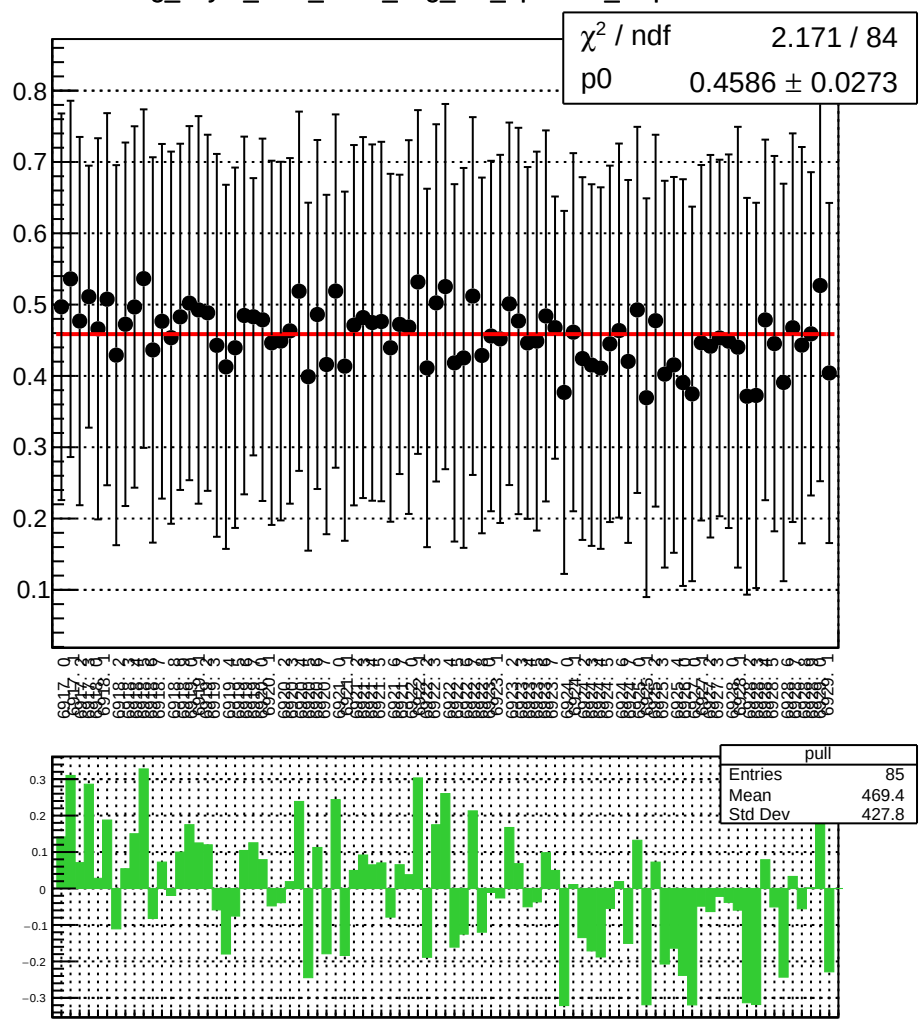

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs run
χ² / ndf 2.404 / 84
p0 2.953 ± 0.564
pull
Entries 85
Mean 46.89
Std Dev 31.96

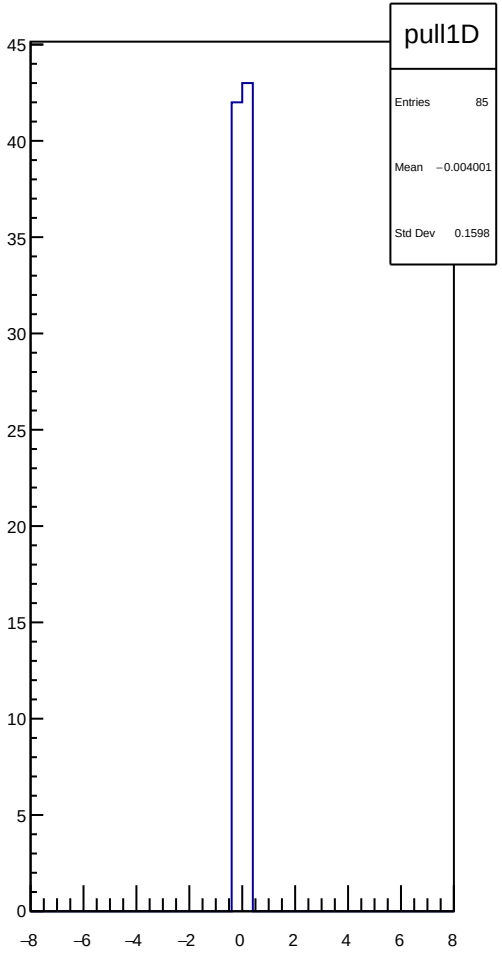

pull1D
Entries 85
Mean −0.01037
Std Dev 0.1679

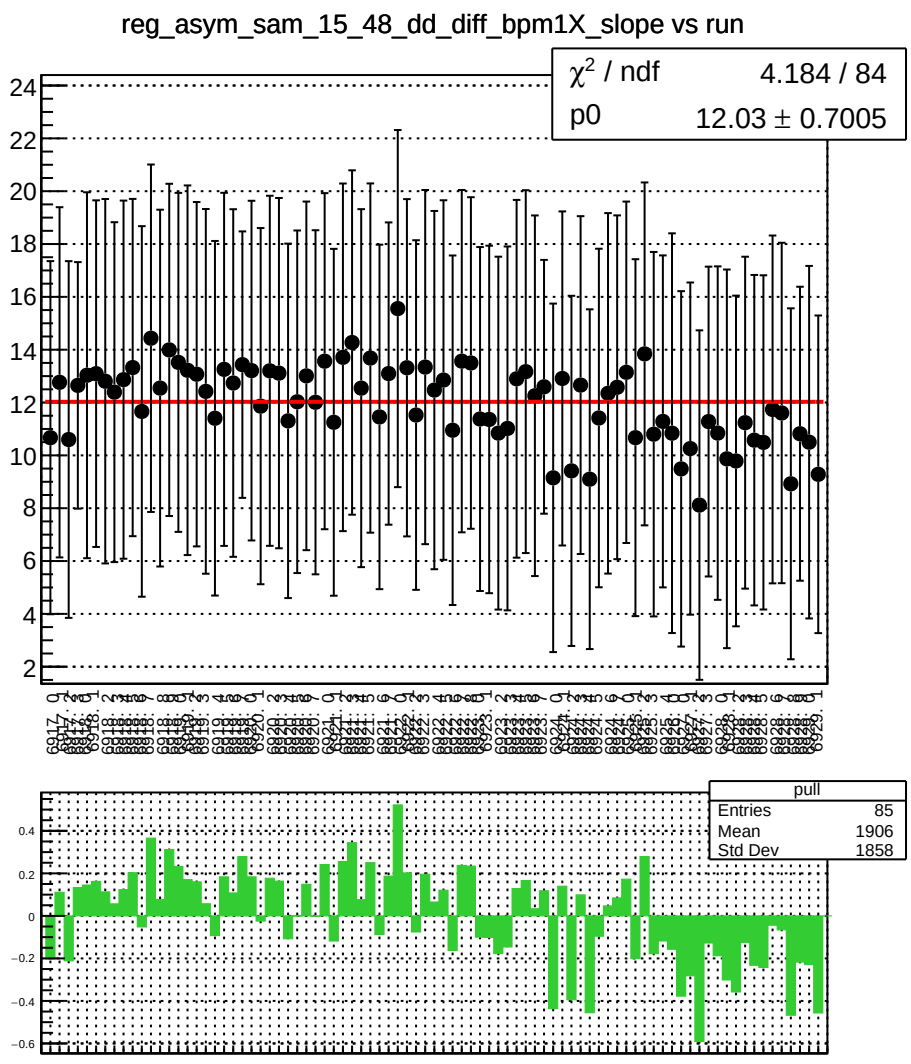

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs run
χ² / ndf 10.1 / 84
p0 −58.35 ± 0.7633
pull
Entries 85
Mean 125.7
Std Dev 48.41
pull1D
Entries 85
Mean −0.01492
Std Dev 0.3444

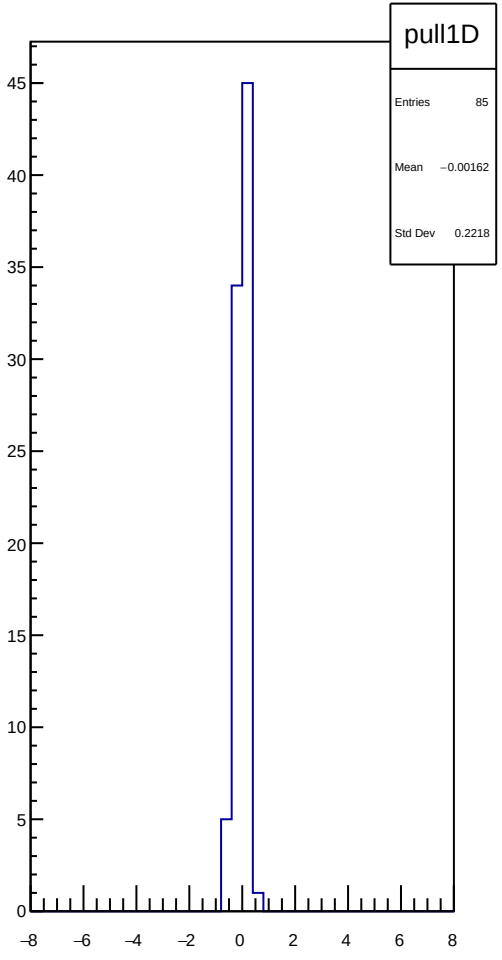

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs run
χ² / ndf 2.775 / 84
p0 −16.43 ± 0.6408
pull
Entries 85
Mean 2076
Std Dev 2056

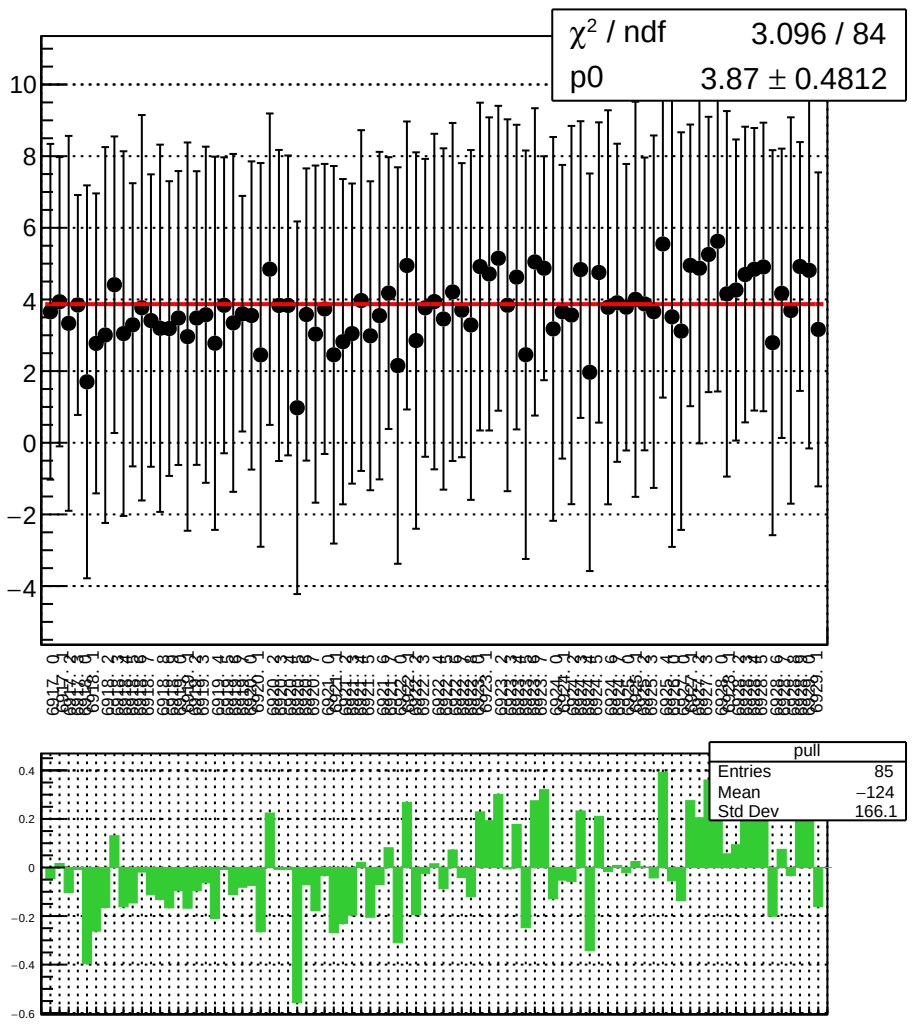

pull1D
Entries 85
Mean 6.471e−05
Std Dev 0.1807

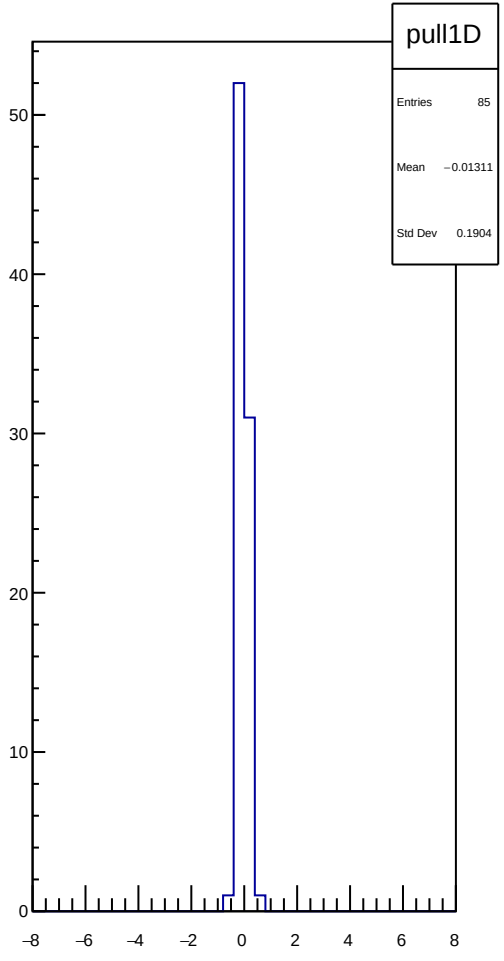

reg_asym_sam_3726_avg_diff_bpm12X_slope vs run
χ² / ndf 2.171 / 84
p0 0.4586 ± 0.0273
pull
Entries 85
Mean 469.4
Std Dev 427.8

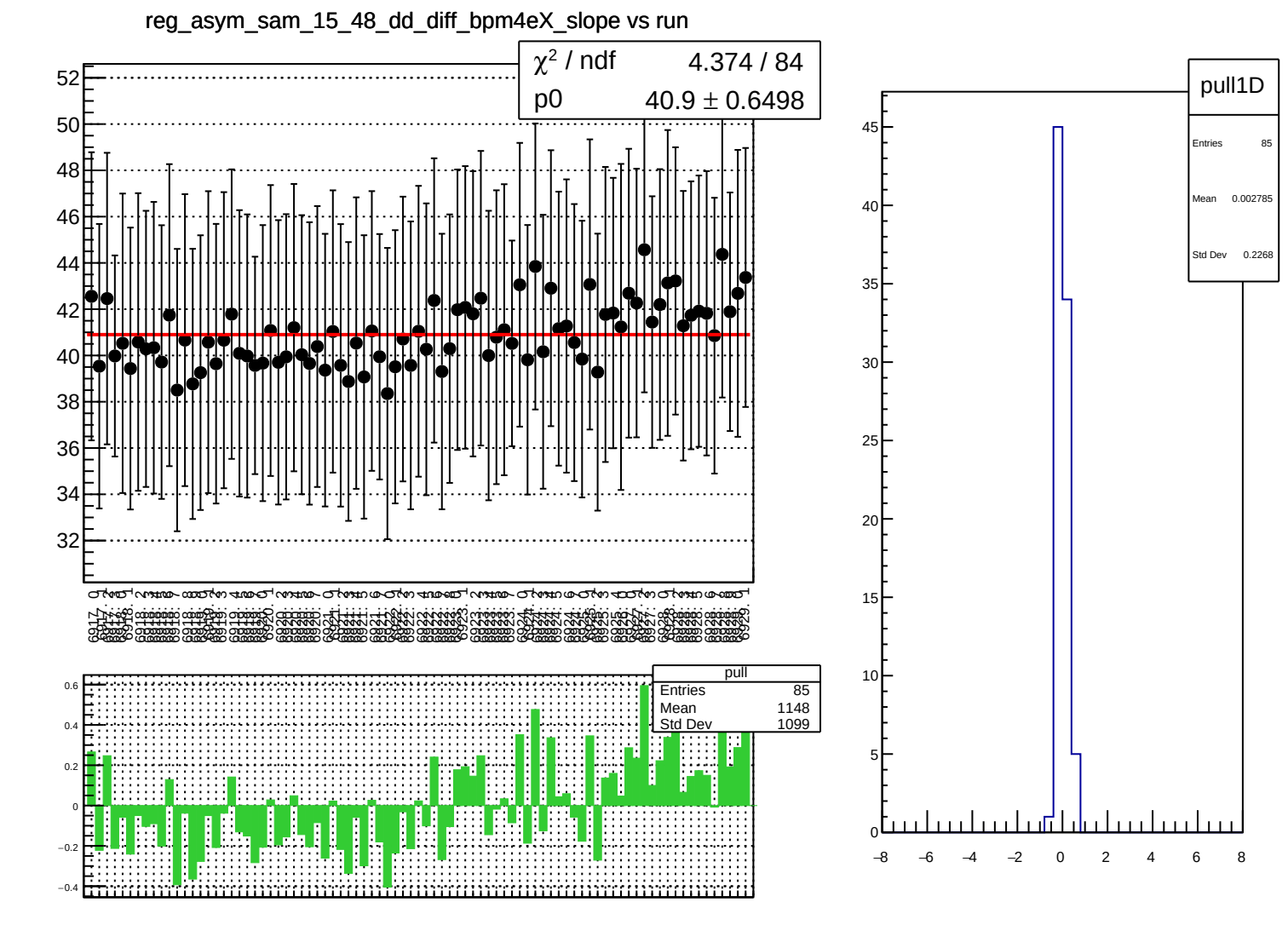

pull1D
Entries 85
Mean −0.004001
Std Dev 0.1598

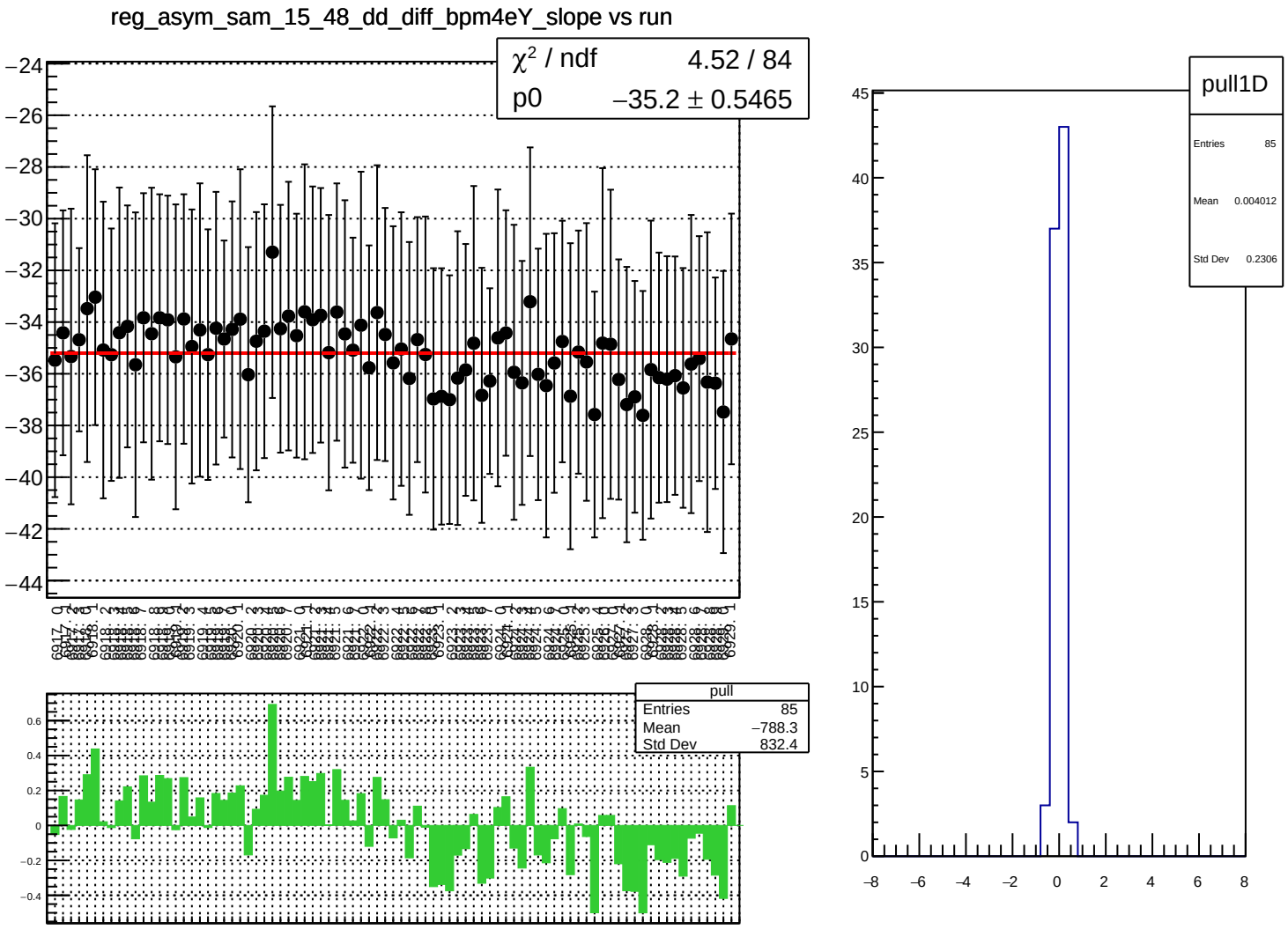

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs run
χ² / ndf 4.184 / 84
p0 12.03 ± 0.7005
pull
Entries 85
Mean 1906
Std Dev 1858

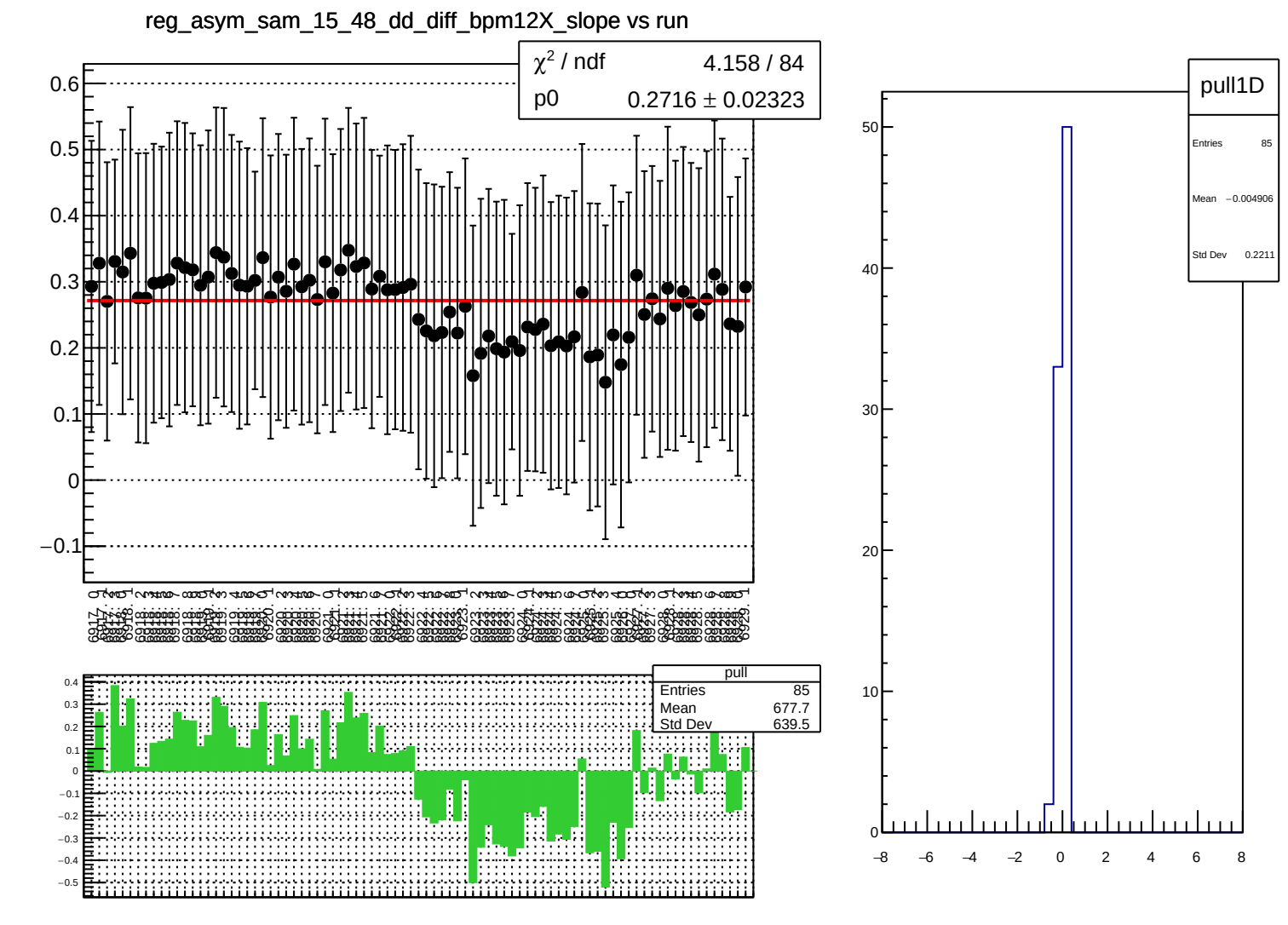

pull1D
Entries 85
Mean −0.00162
Std Dev 0.2218

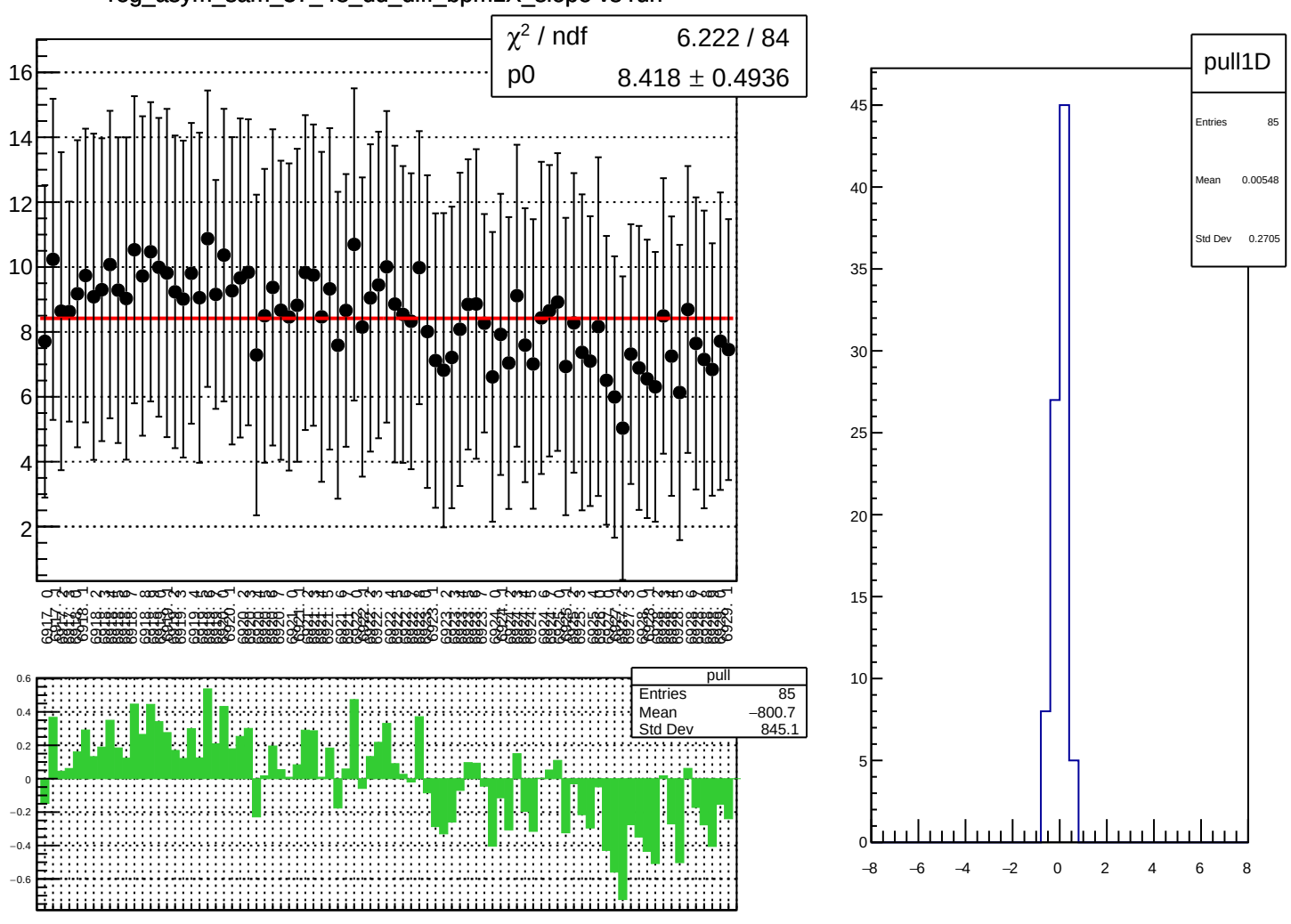

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 3.096 / 84
p0 3.87 ± 0.4812
pull
Entries 85
Mean −124
Std Dev 166.1

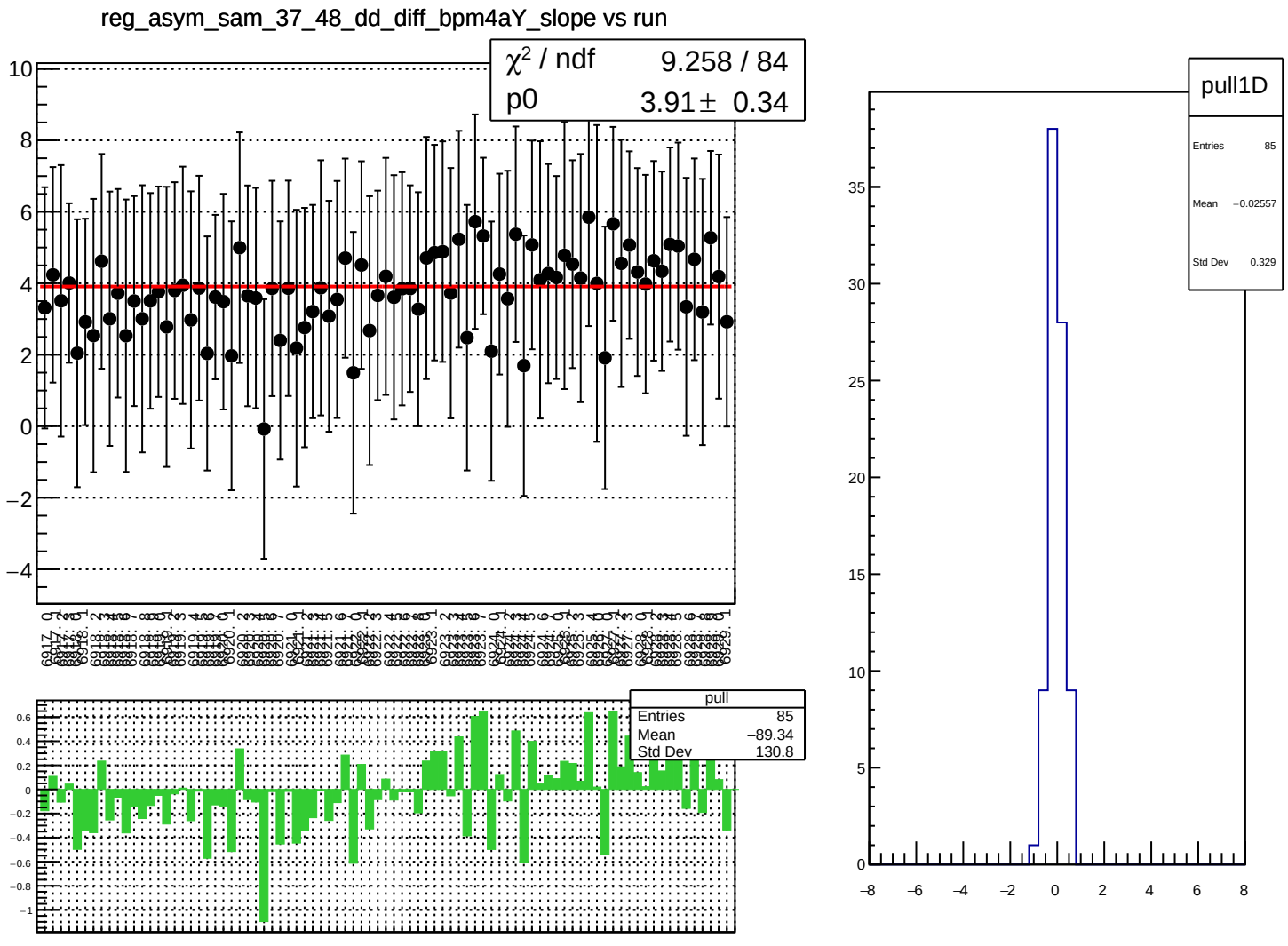

pull1D
Entries 85
Mean −0.01311
Std Dev 0.1904

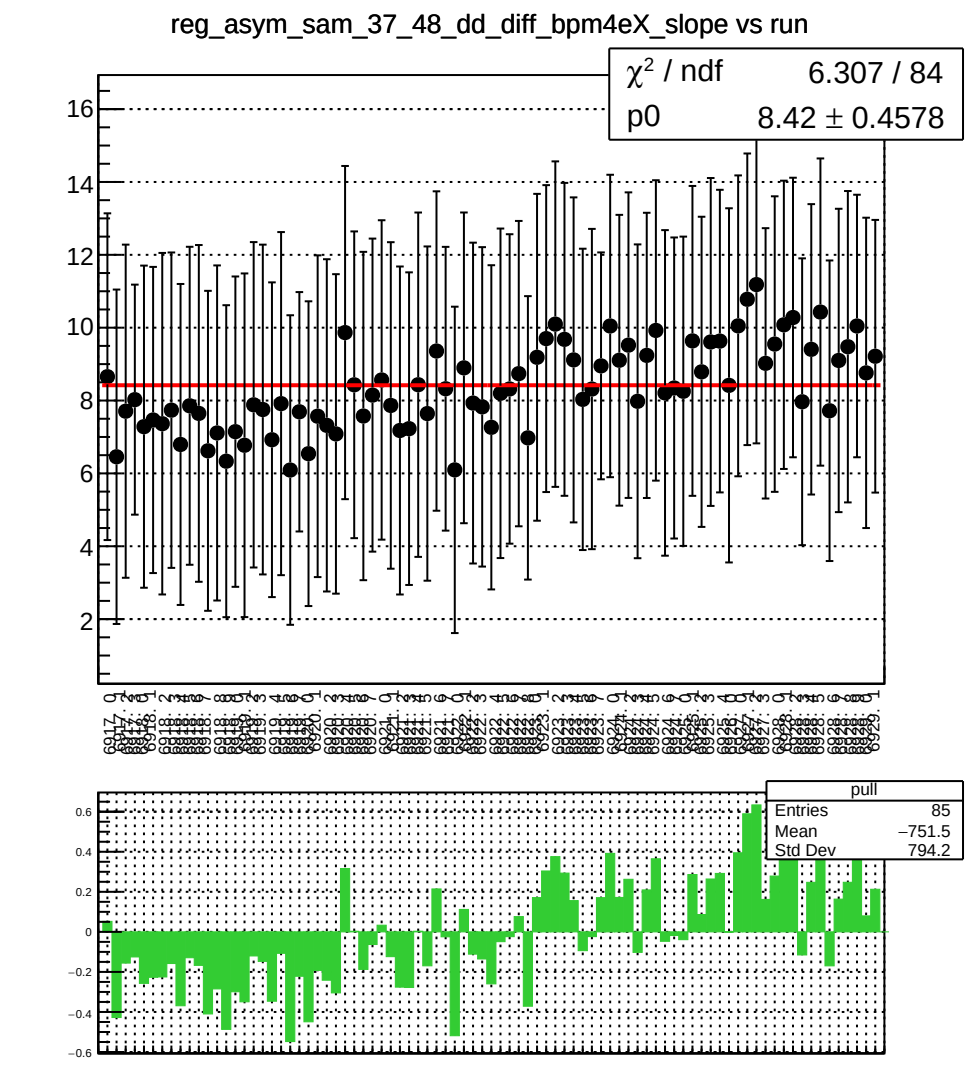

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 4.374 / 84
p0 40.9 ± 0.6498
pull
Entries 85
Mean 1148
Std Dev 1099
pull1D
Entries 85
Mean 0.002785
Std Dev 0.2268

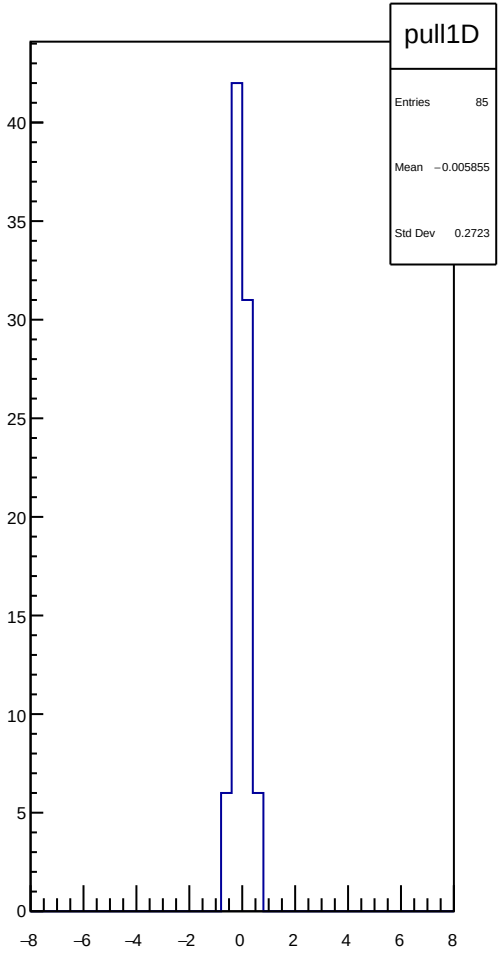

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 4.52 / 84
p0 −35.2 ± 0.5465
pull
Entries 85
Mean −788.3
Std Dev 832.4
pull1D
Entries 85
Mean 0.004012
Std Dev 0.2306

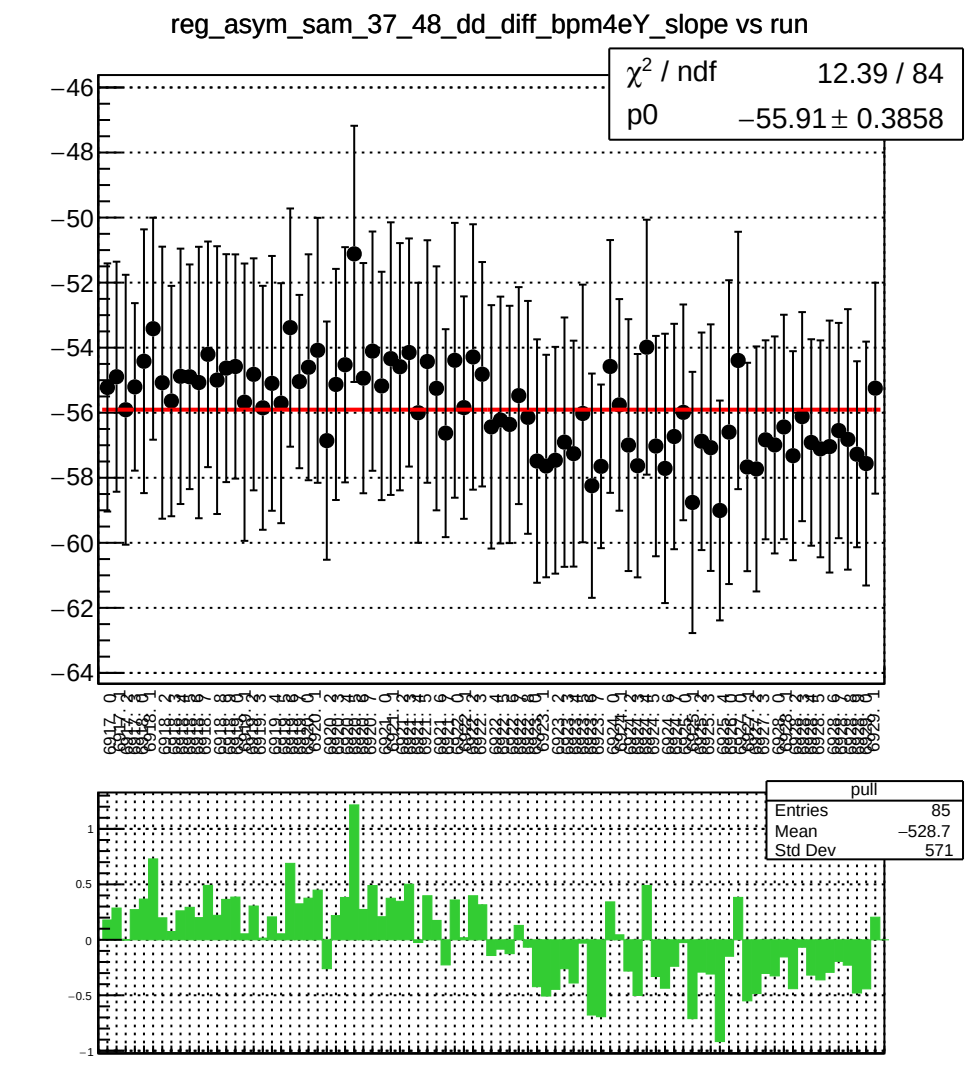

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs run
χ² / ndf 4.158 / 84
p0 0.2716 ± 0.02323
pull
Entries 85
Mean 677.7
Std Dev 639.5
pull1D
Entries 85
Mean −0.004906
Std Dev 0.2211

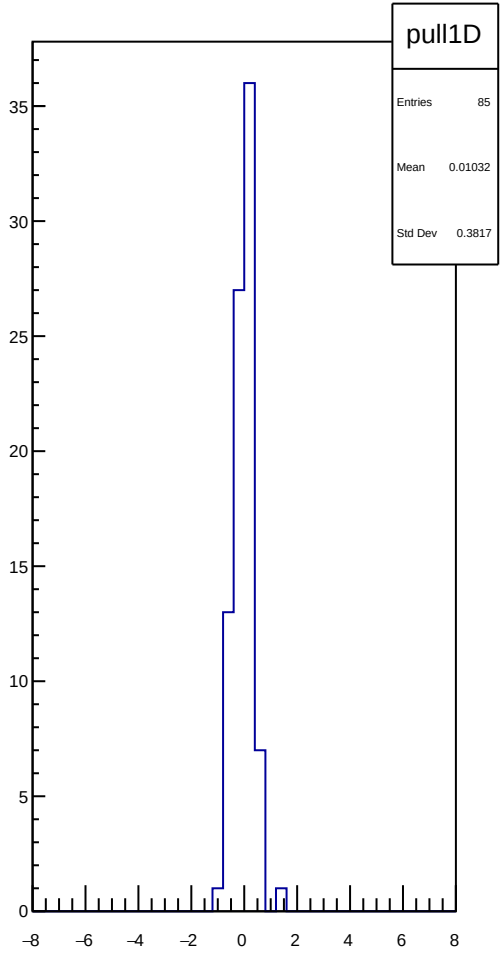

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs run
χ² / ndf 6.222 / 84
p0 8.418 ± 0.4936
pull
Entries 85
Mean −800.7
Std Dev 845.1
pull1D
Entries 85
Mean 0.00548
Std Dev 0.2705

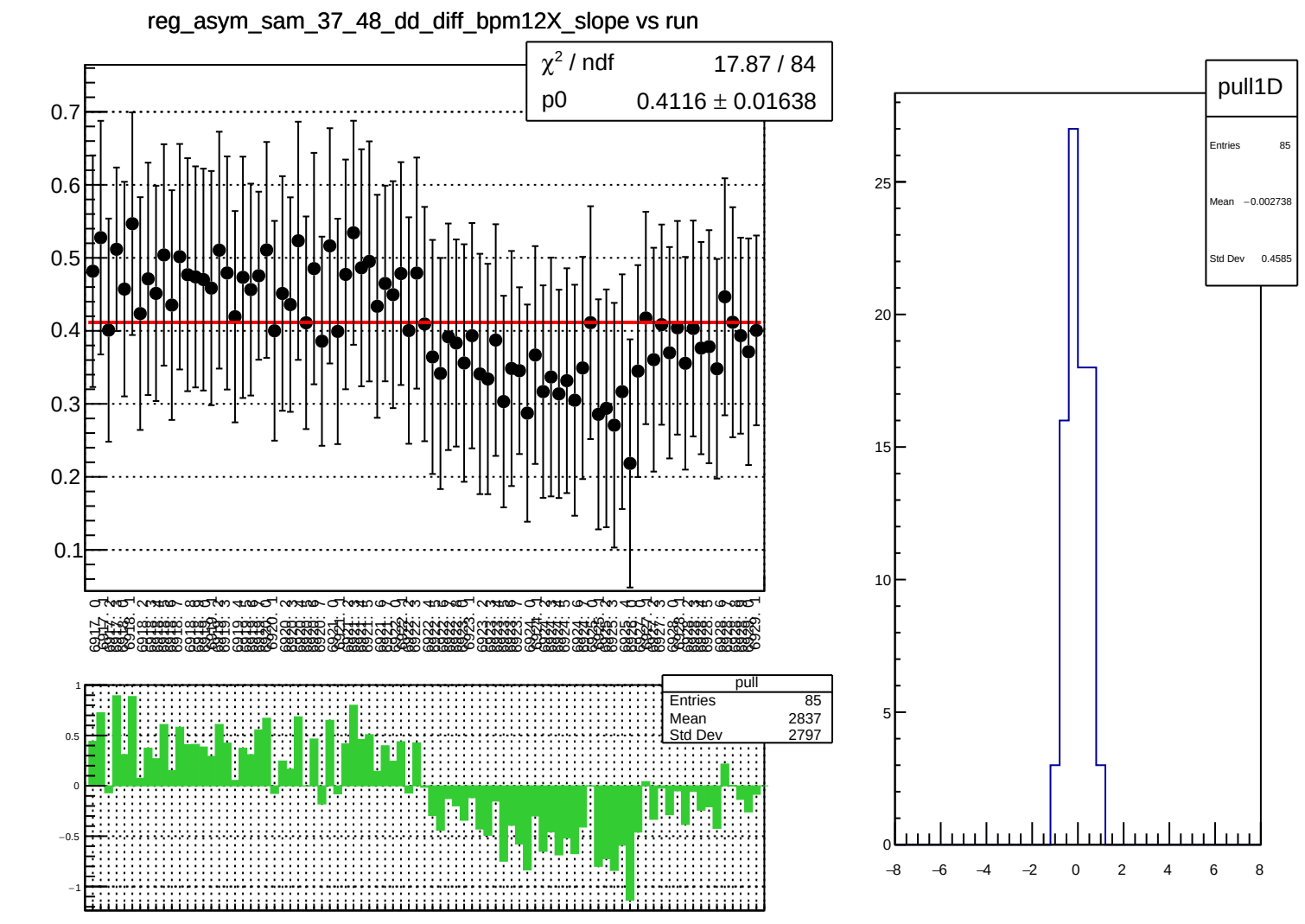

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 9.258 / 84
p0 3.91 ± 0.34
pull
Entries 85
Mean −89.34
Std Dev 130.8
pull1D
Entries 85
Mean −0.02557
Std Dev 0.329

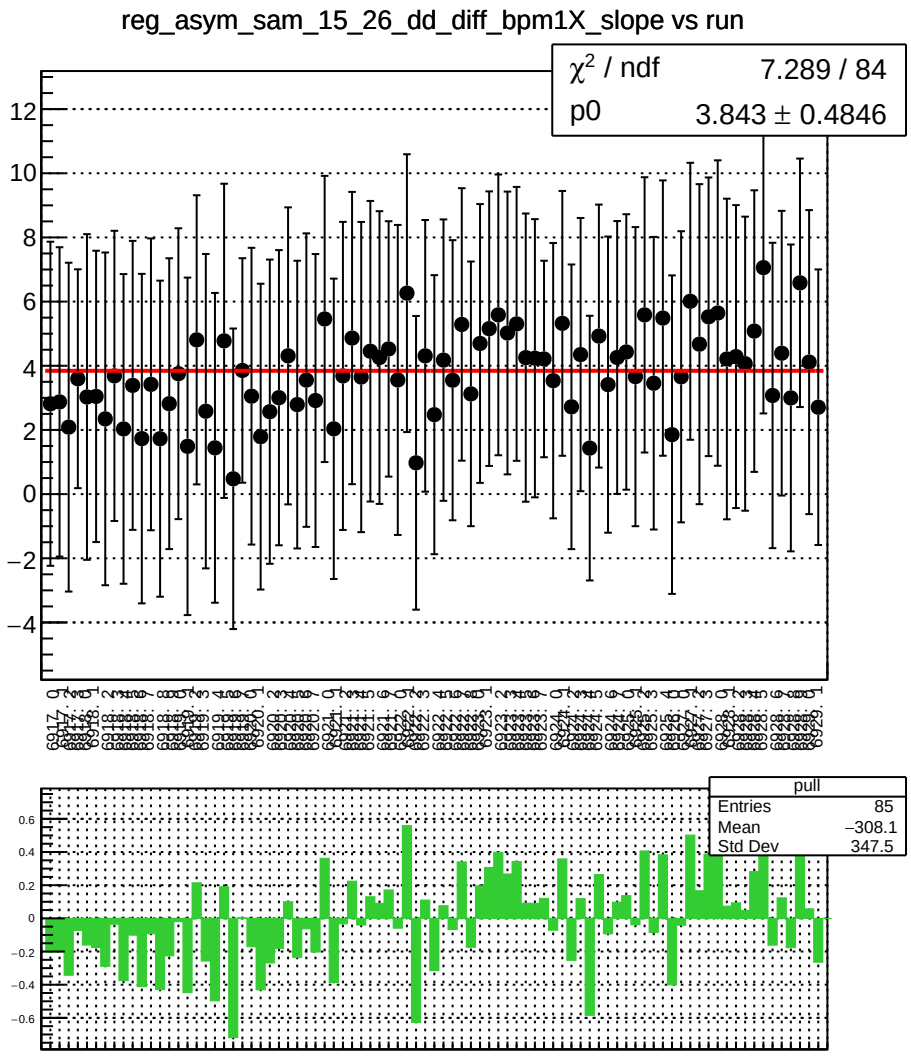

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 6.307 / 84
p0 8.42 ± 0.4578
pull
Entries 85
Mean −751.5
Std Dev 794.2

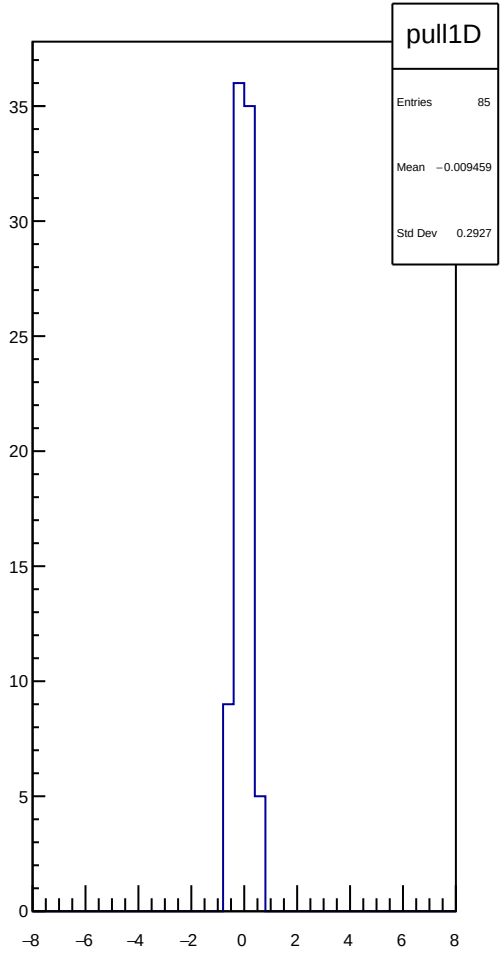

pull1D
Entries 85
Mean −0.005855
Std Dev 0.2723

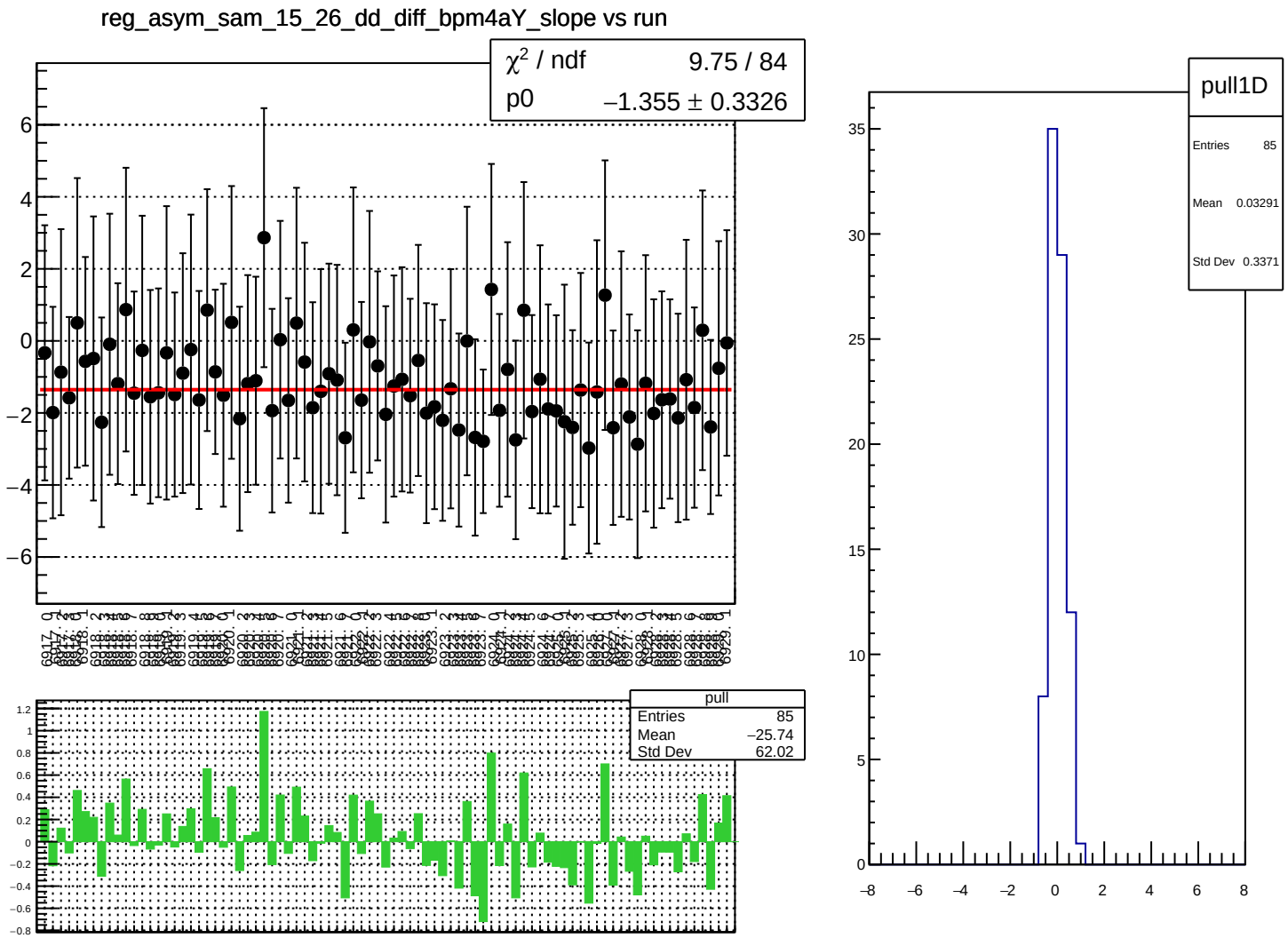

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 12.39 / 84
p0 −55.91 ± 0.3858
pull
Entries 85
Mean −528.7
Std Dev 571

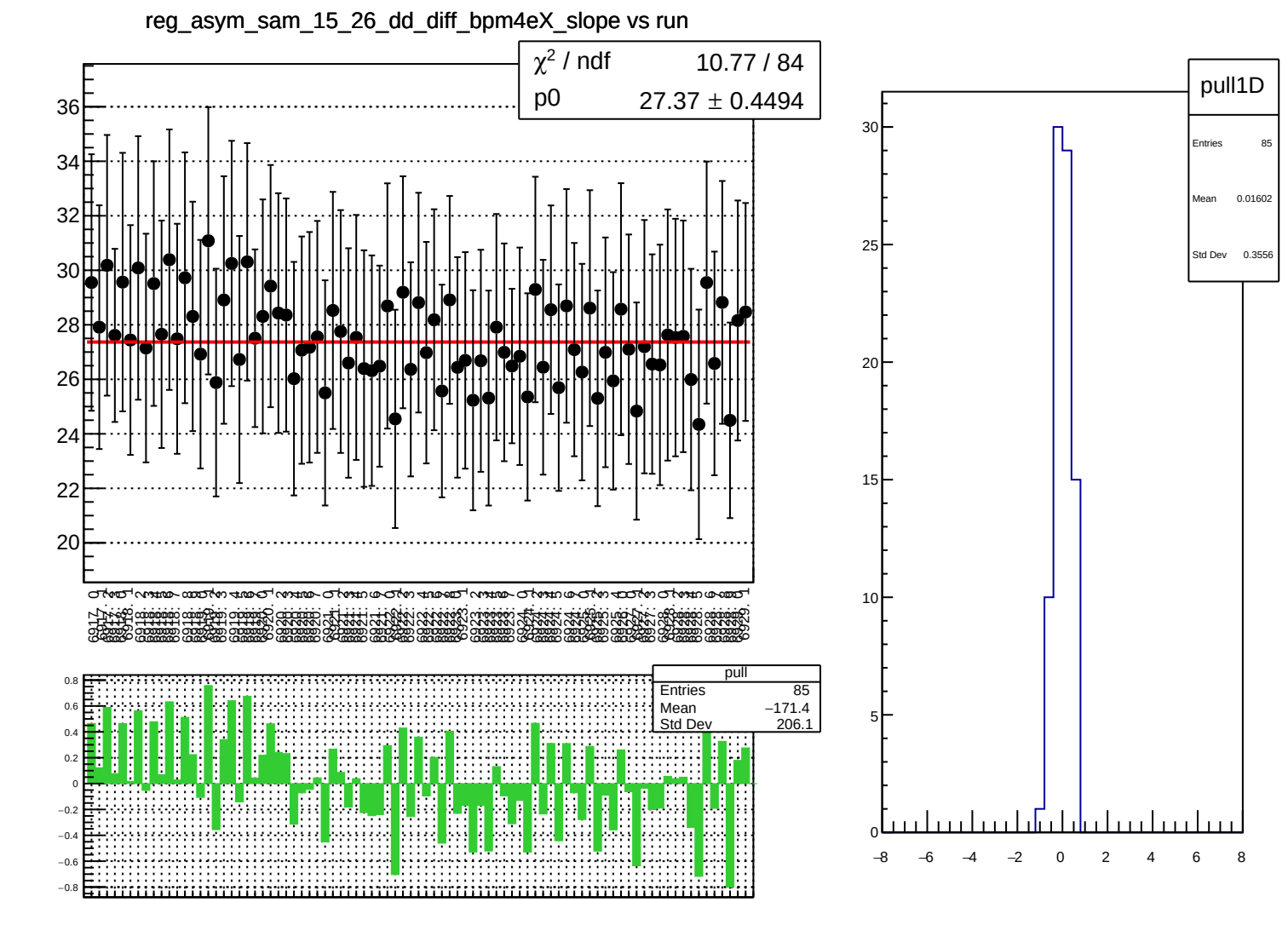

pull1D
Entries 85
Mean 0.01032
Std Dev 0.3817

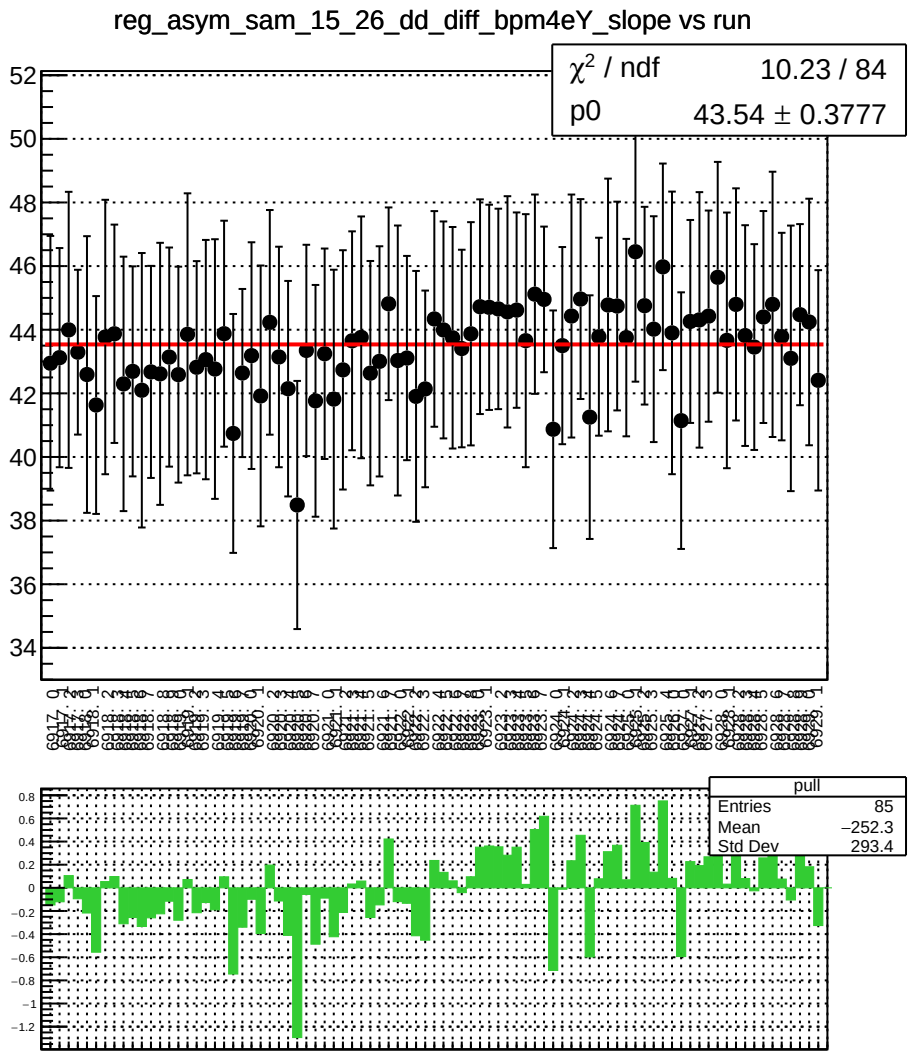

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs run
χ² / ndf 17.87 / 84
p0 0.4116 ± 0.01638
0.7
0.6
0.5
0.4
0.3
0.2
0.1
pull
Entries 85
Mean 2837
Std Dev 2797
1
0.5
0
−0.5
−1
pull1D
Entries 85
Mean −0.002738
Std Dev 0.4585
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

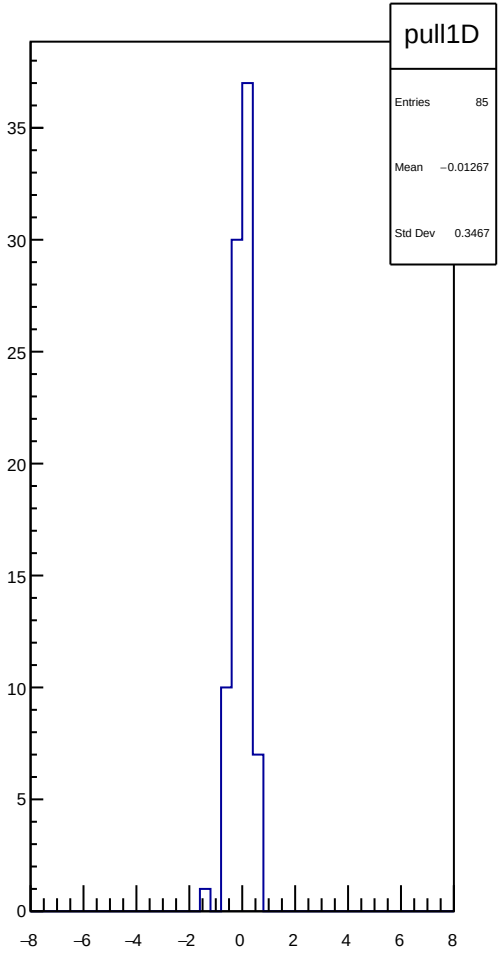

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs run
χ² / ndf 7.289 / 84
p0 3.843 ± 0.4846
pull
Entries 85
Mean −308.1
Std Dev 347.5

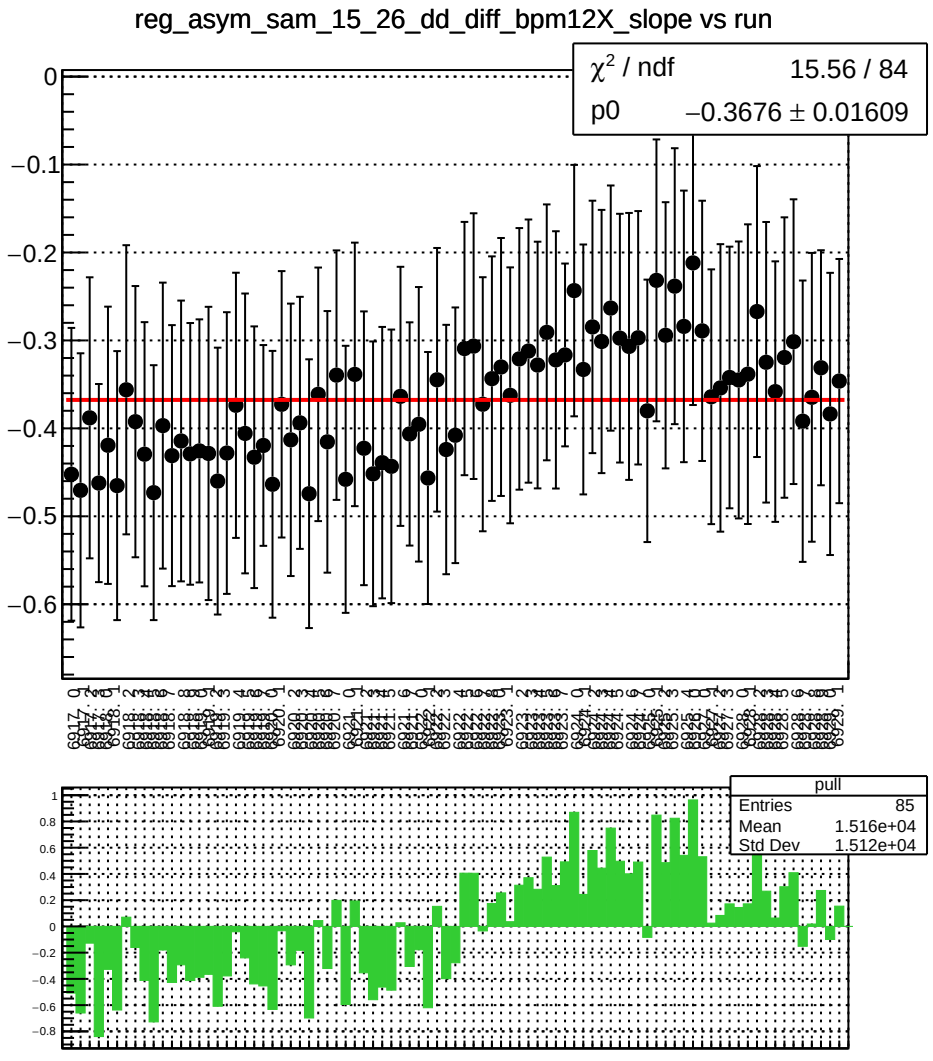

pull1D
Entries 85
Mean −0.009459
Std Dev 0.2927

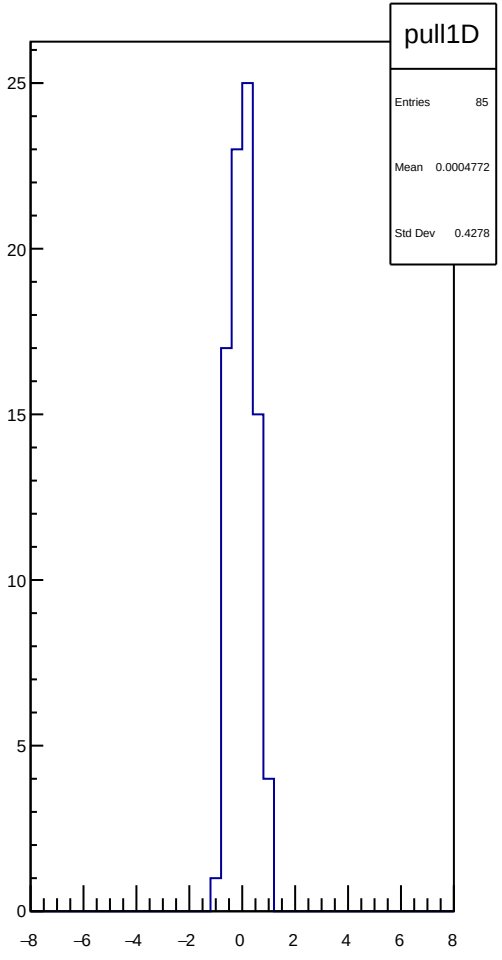

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 9.75 / 84
p0 −1.355 ± 0.3326
pull
Entries 85
Mean −25.74
Std Dev 62.02
pull1D
Entries 85
Mean 0.03291
Std Dev 0.3371

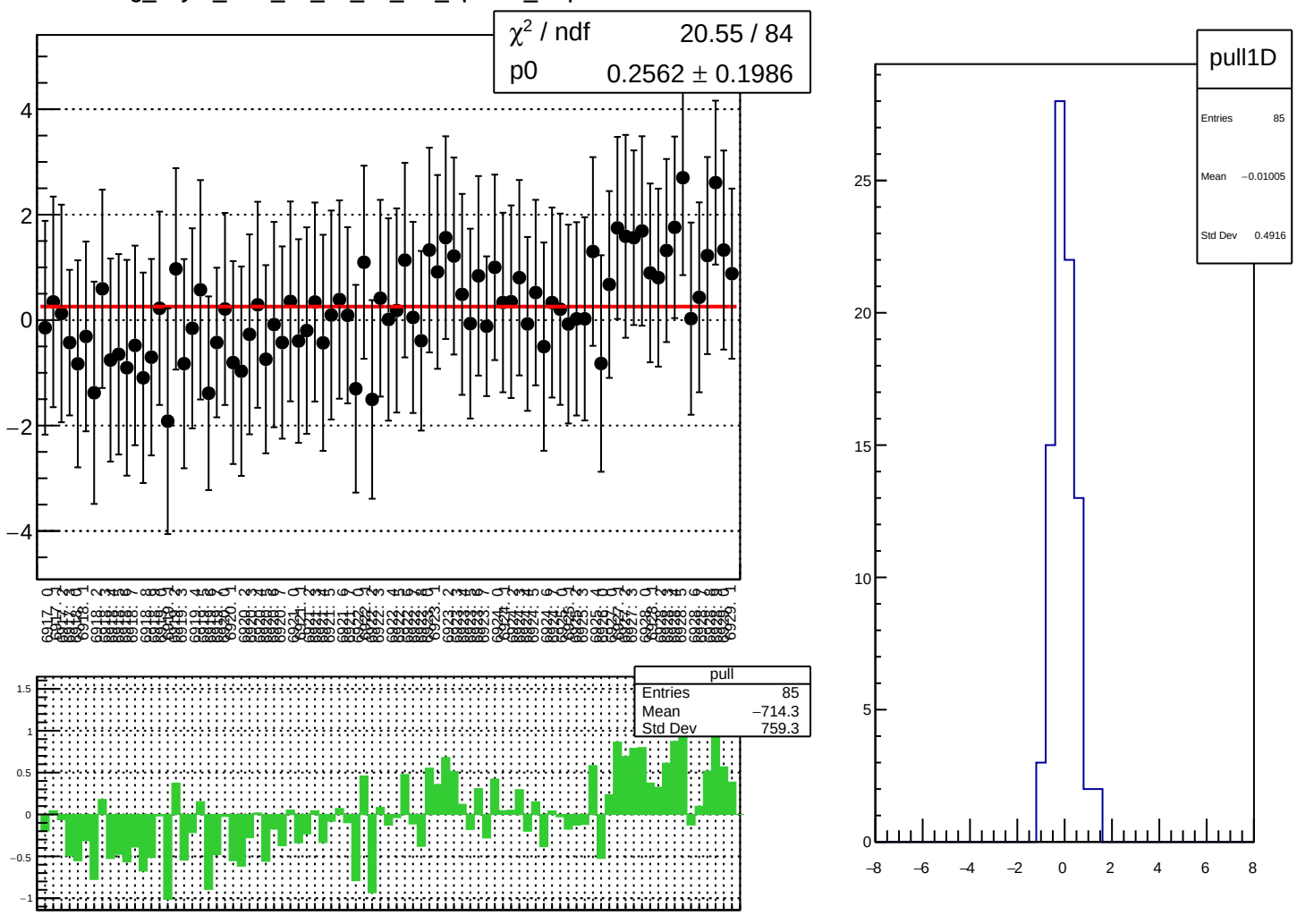

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 10.77 / 84
p0 27.37 ± 0.4494
pull
Entries 85
Mean −171.4
Std Dev 206.1
pull1D
Entries 85
Mean 0.01602
Std Dev 0.3556

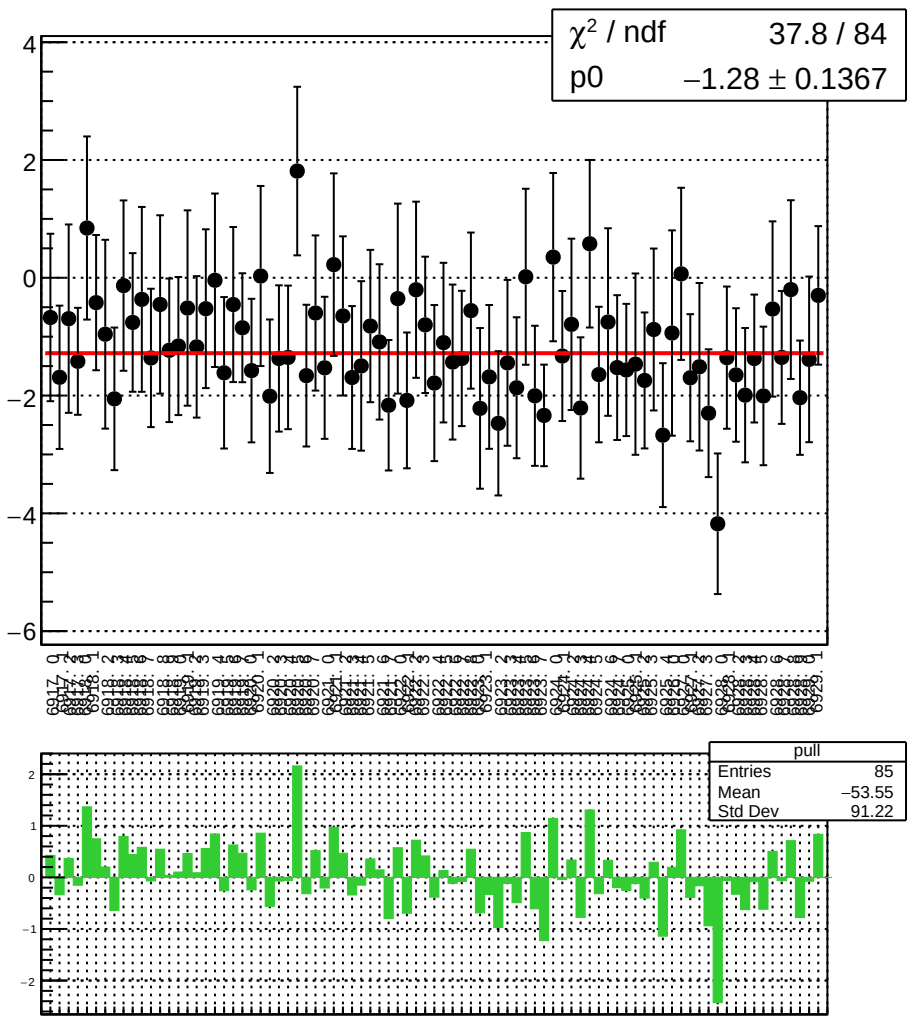

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 10.23 / 84
p0 43.54 ± 0.3777
pull
Entries 85
Mean −252.3
Std Dev 293.4

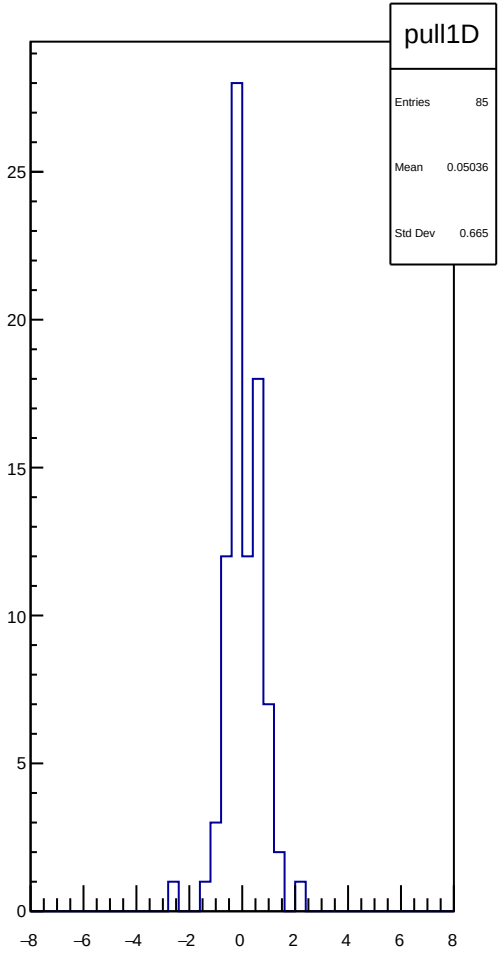

pull1D
Entries 85
Mean −0.01267
Std Dev 0.3467

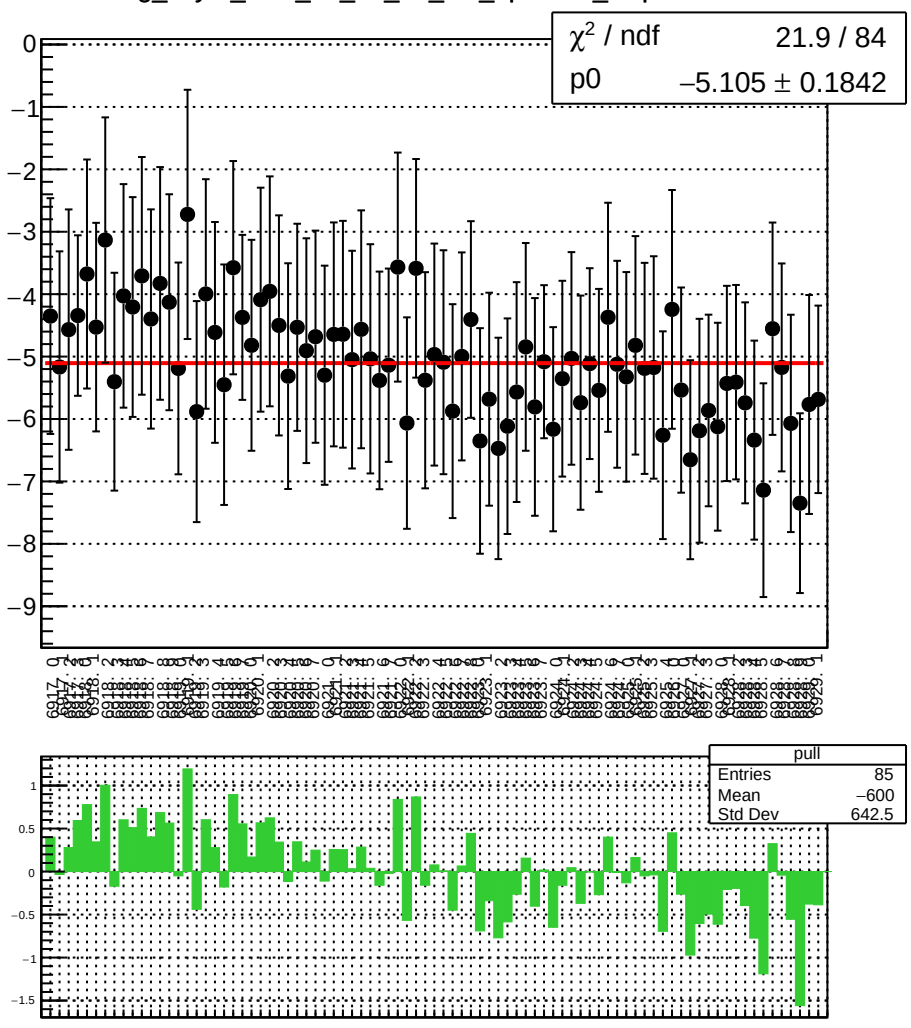

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs run
χ² / ndf 15.56 / 84
p0 −0.3676 ± 0.01609
pull
Entries 85
Mean 1.516e+04
Std Dev 1.512e+04

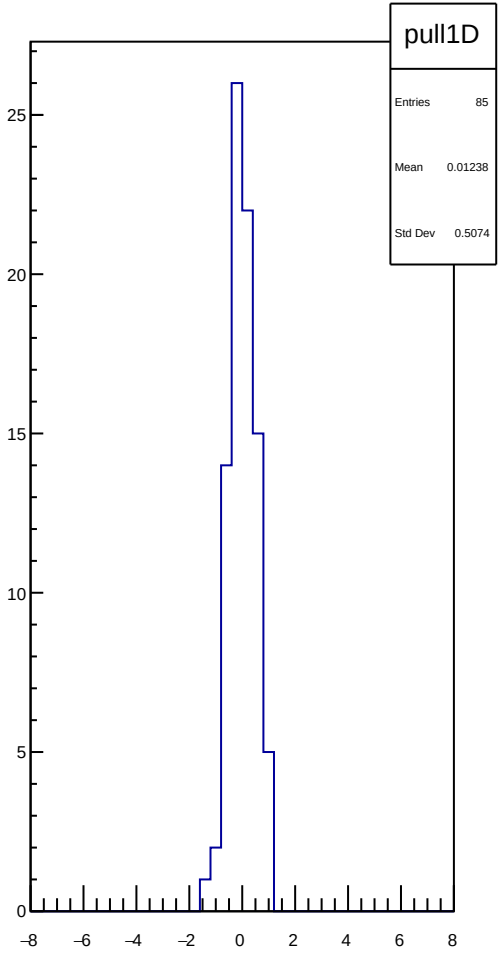

pull1D
Entries 85
Mean 0.0004772
Std Dev 0.4278

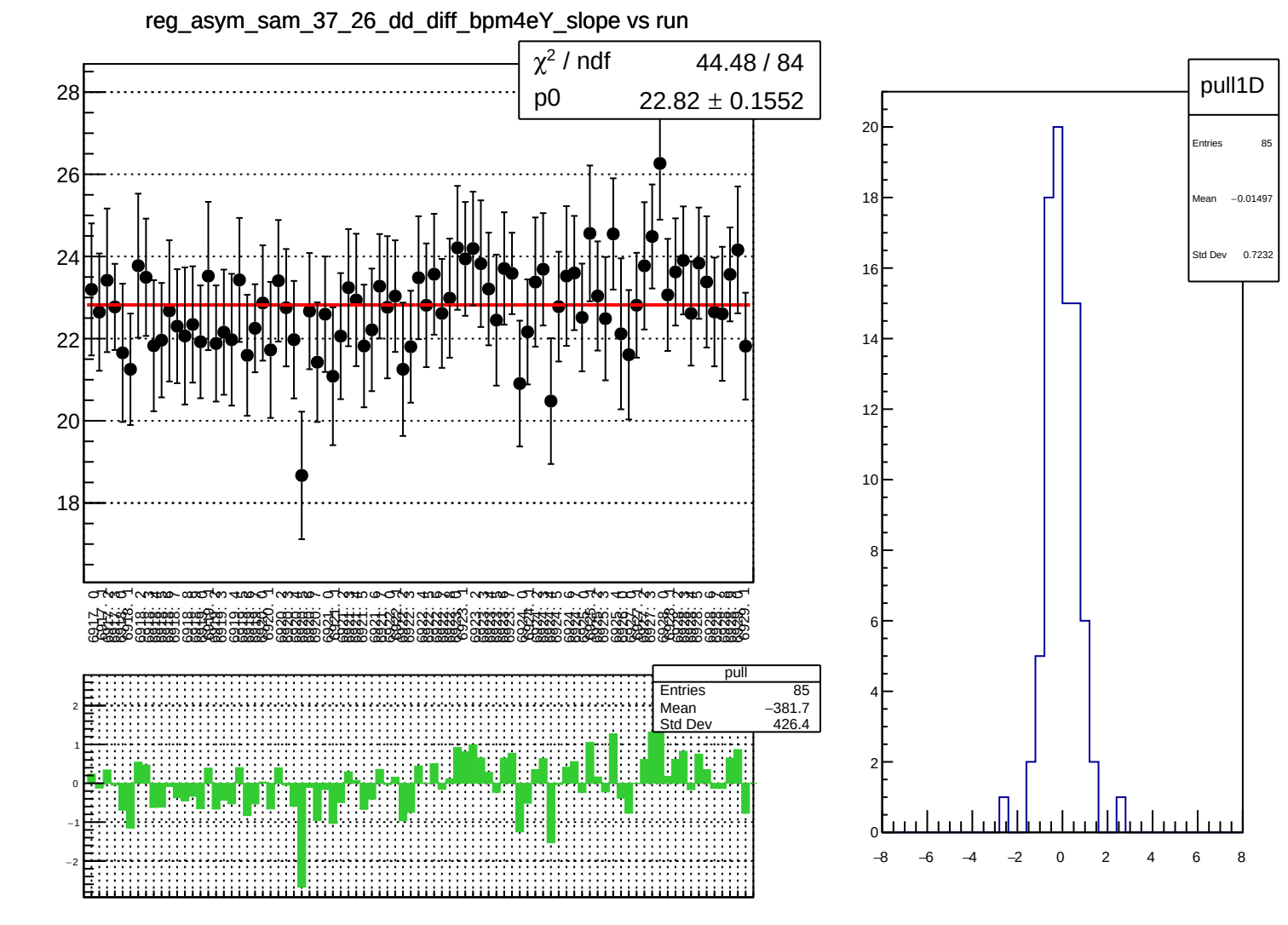

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs run
χ² / ndf 20.55 / 84
p0 0.2562 ± 0.1986
pull
Entries 85
Mean −714.3
Std Dev 759.3
pull1D
Entries 85
Mean −0.01005
Std Dev 0.4916

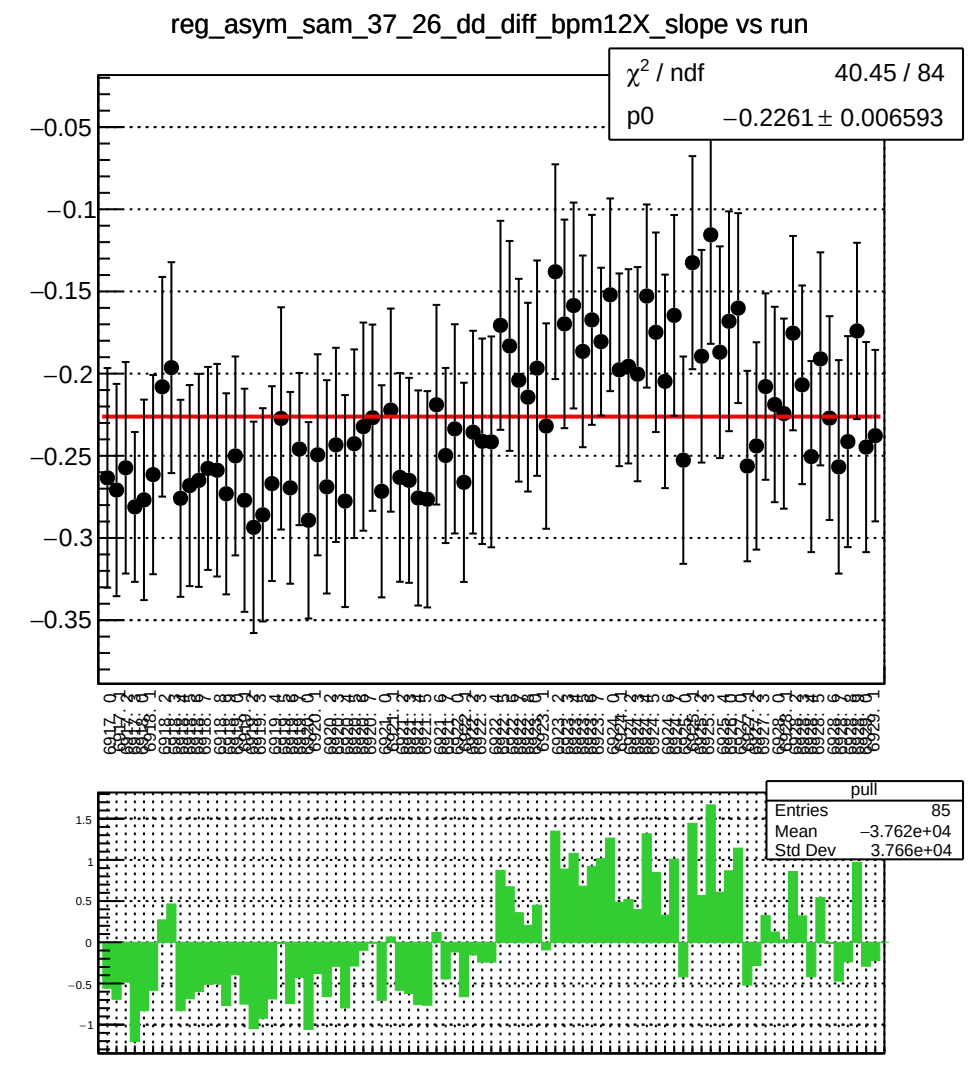

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 37.8 / 84
p0 −1.28 ± 0.1367
pull
Entries 85
Mean −53.55
Std Dev 91.22

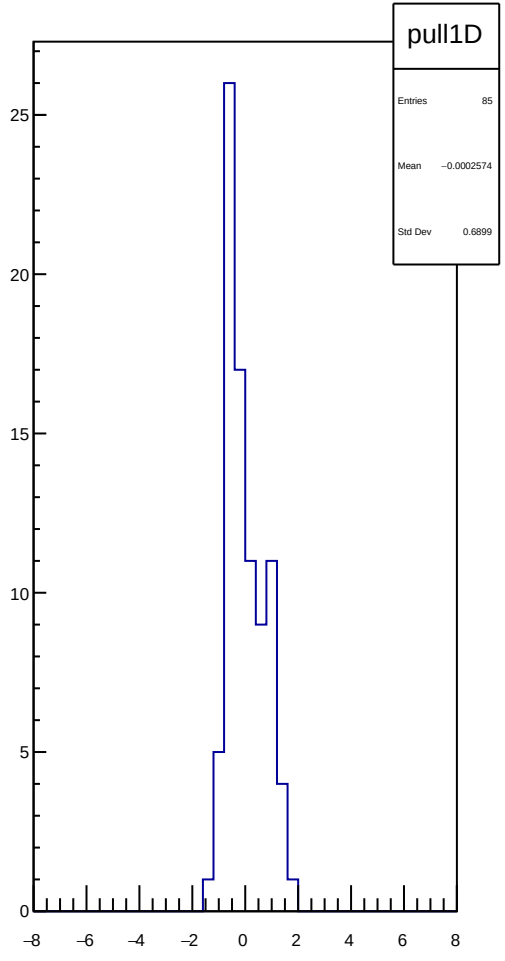

pull1D
Entries 85
Mean 0.05036
Std Dev 0.665

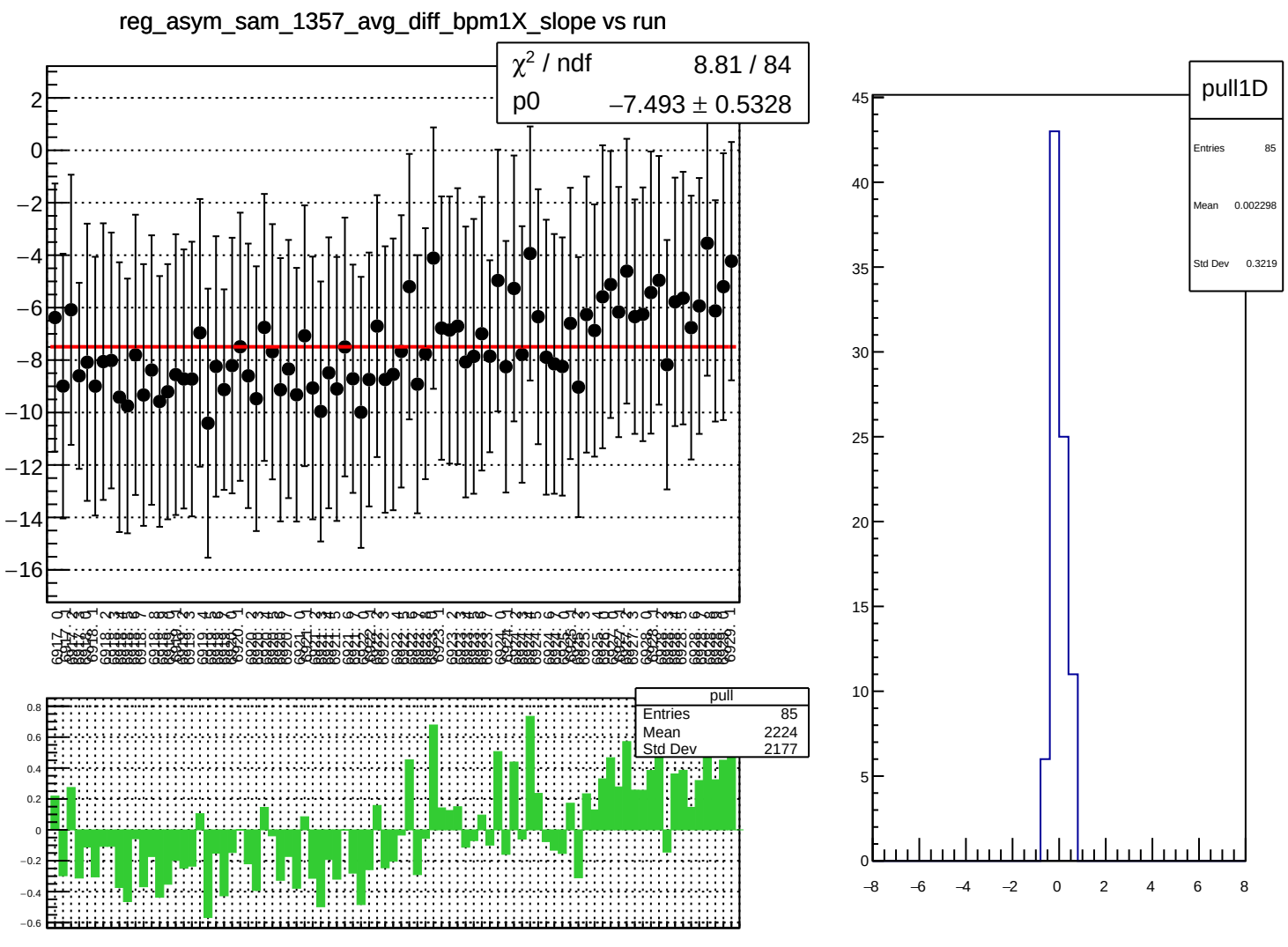

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 21.9 / 84
p0 −5.105 ± 0.1842
pull
Entries 85
Mean −600
Std Dev 642.5

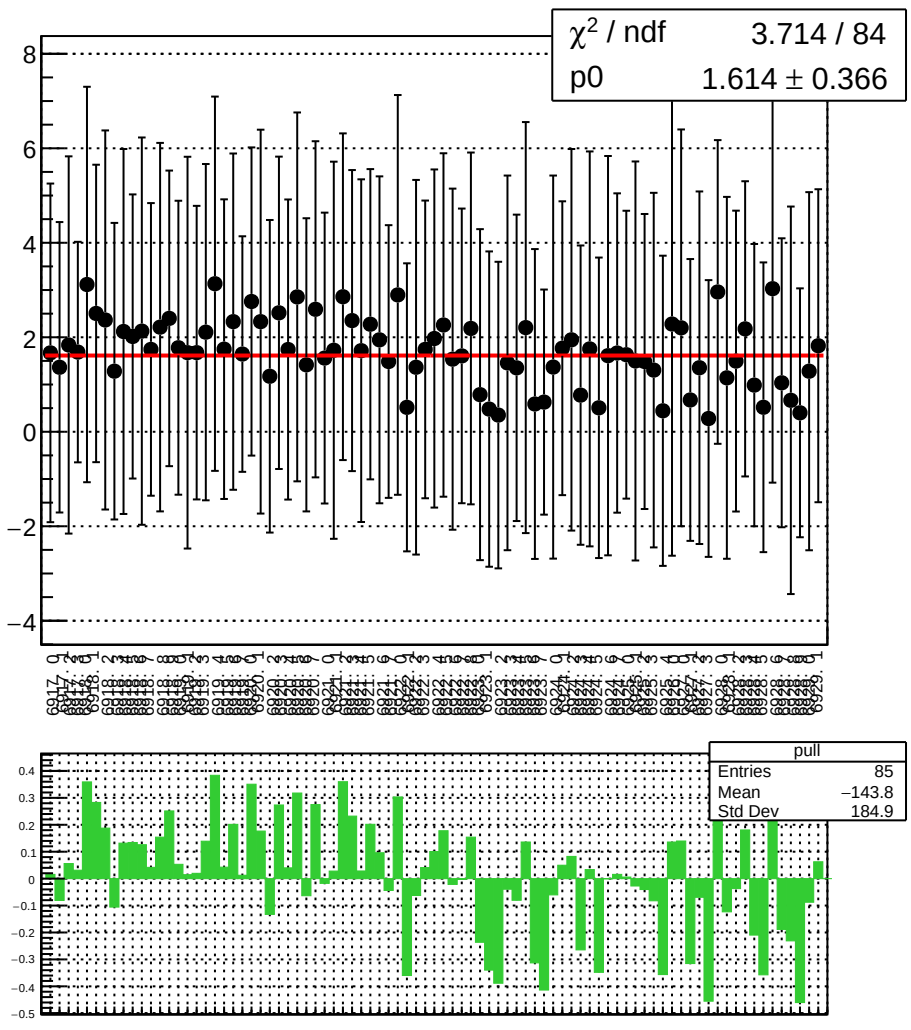

pull1D
Entries 85
Mean 0.01238
Std Dev 0.5074

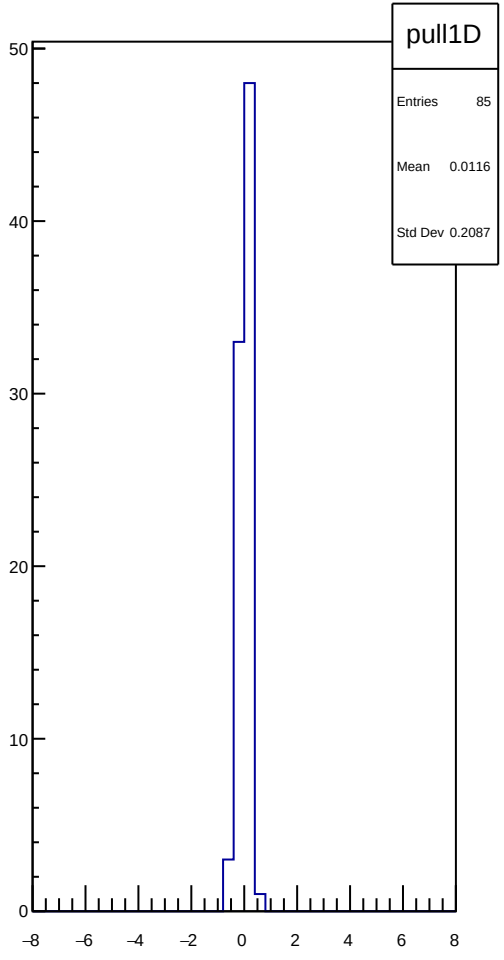

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 44.48 / 84
p0 22.82 ± 0.1552
pull
Entries 85
Mean −381.7
Std Dev 426.4
pull1D
Entries 85
Mean −0.01497
Std Dev 0.7232

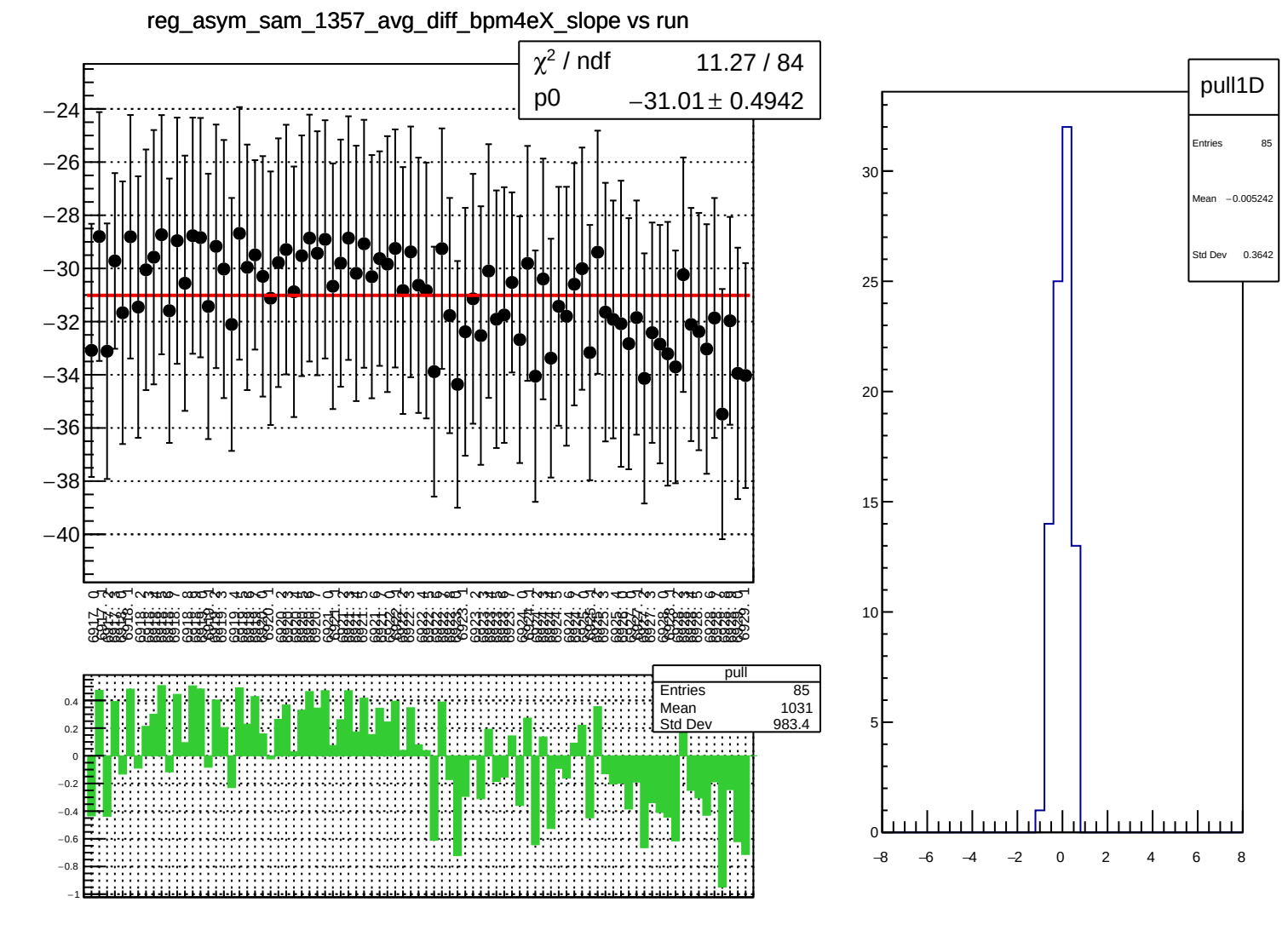

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs run
χ² / ndf 40.45 / 84
p0 −0.2261 ± 0.006593
pull
Entries 85
Mean −3.762e+04
Std Dev 3.766e+04

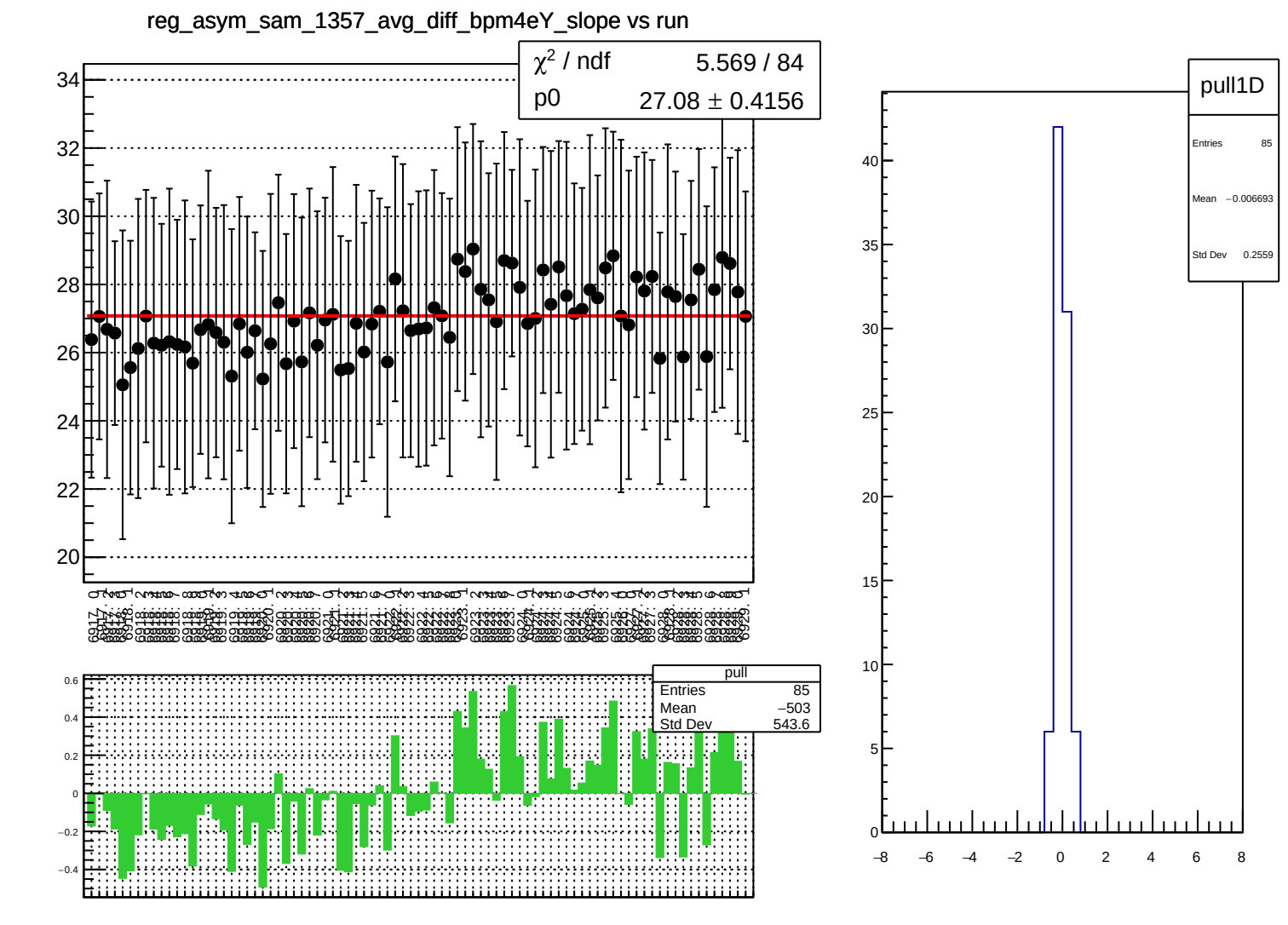

pull1D
Entries 85
Mean −0.0002574
Std Dev 0.6899

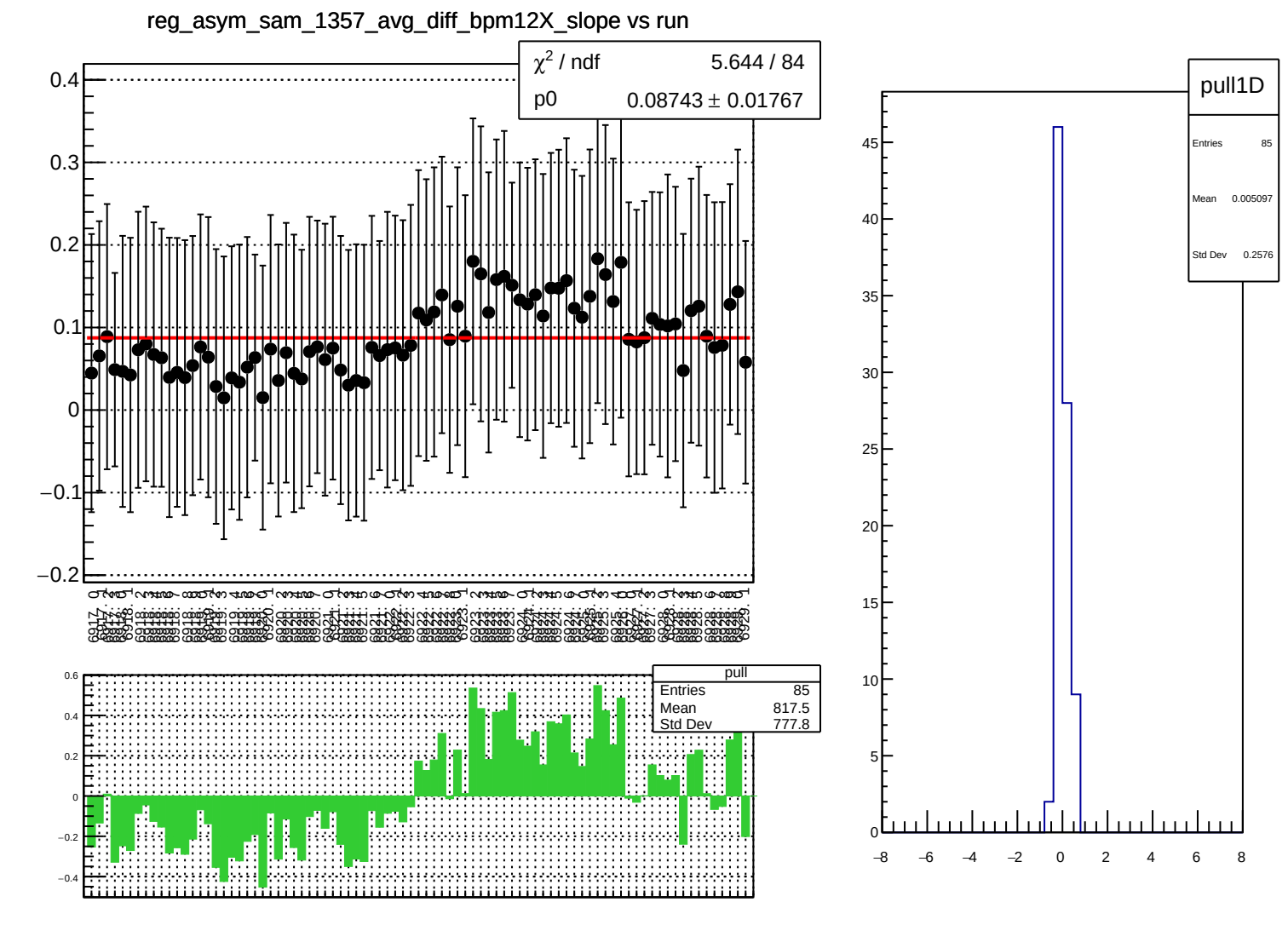

reg_asym_sam_1357_avg_diff_bpm1X_slope vs run
χ² / ndf 8.81 / 84
p0 −7.493 ± 0.5328
pull
Entries 85
Mean 2224
Std Dev 2177
pull1D
Entries 85
Mean 0.002298
Std Dev 0.3219

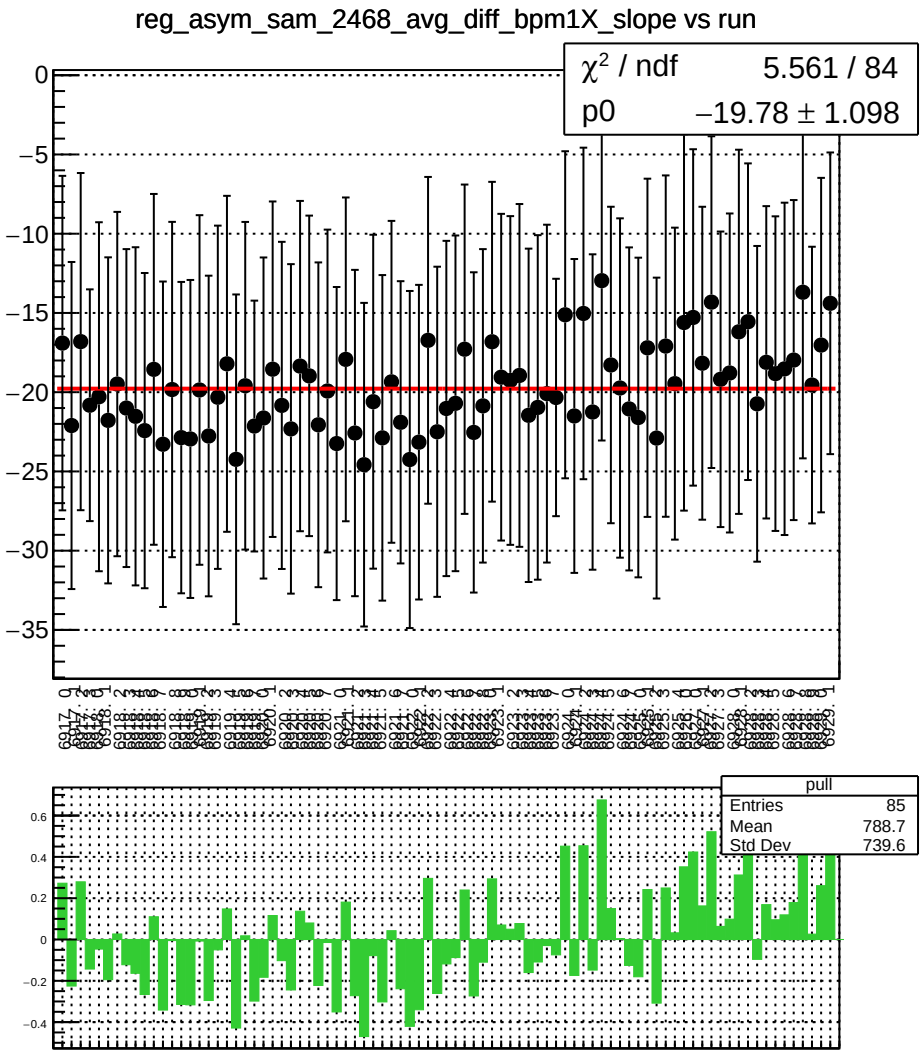

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs run
χ² / ndf 3.714 / 84
p0 1.614 ± 0.366
pull
Entries 85
Mean −143.8
Std Dev 184.9

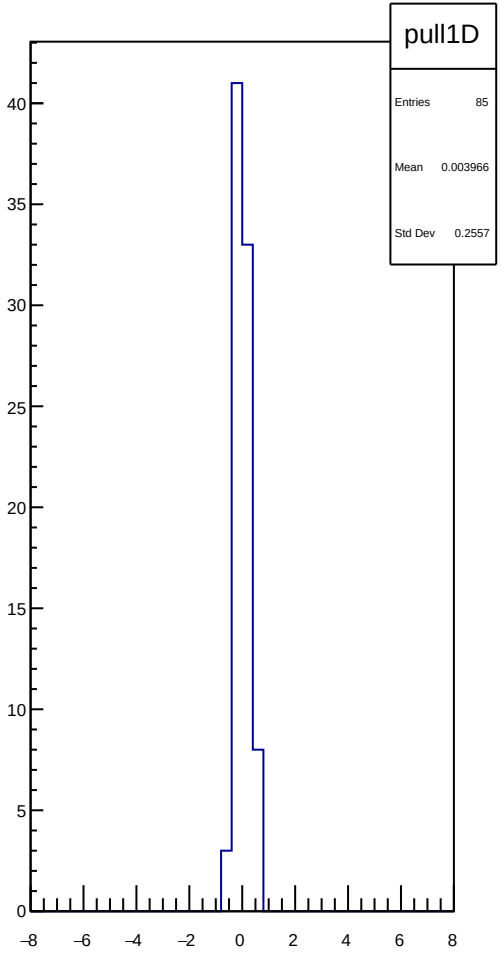

pull1D
Entries 85
Mean 0.0116
Std Dev 0.2087

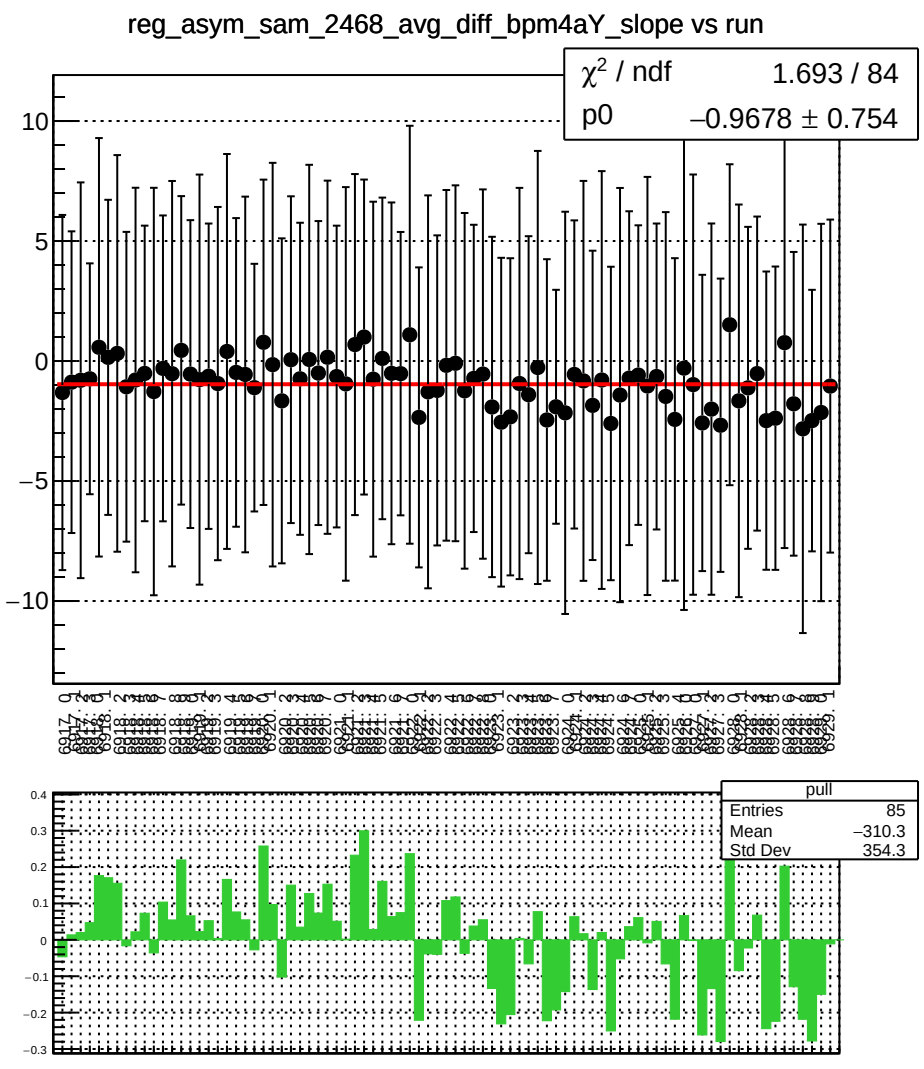

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs run
χ² / ndf 11.27 / 84
p0 −31.01 ± 0.4942
pull
Entries 85
Mean 1031
Std Dev 983.4
pull1D
Entries 85
Mean −0.005242
Std Dev 0.3642

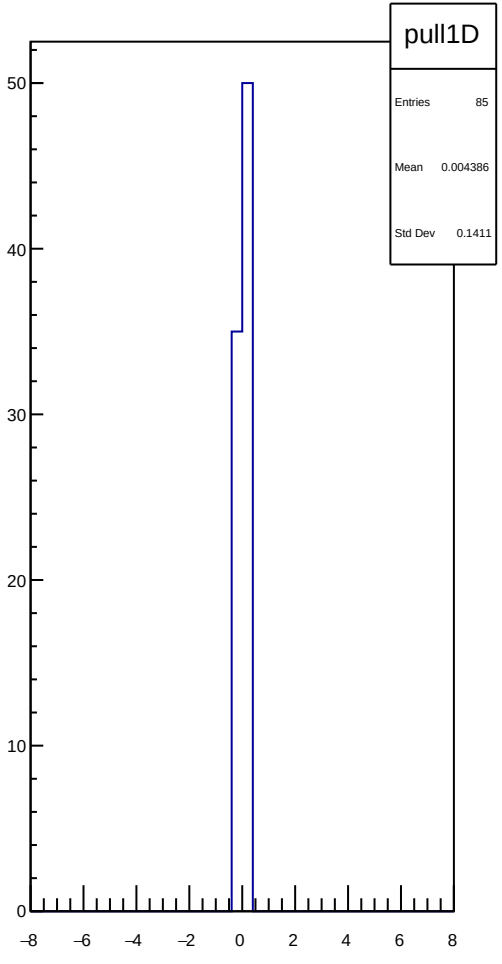

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs run
χ² / ndf 5.569 / 84
p0 27.08 ± 0.4156
pull
Entries 85
Mean −503
Std Dev 543.6
pull1D
Entries 85
Mean −0.006693
Std Dev 0.2559

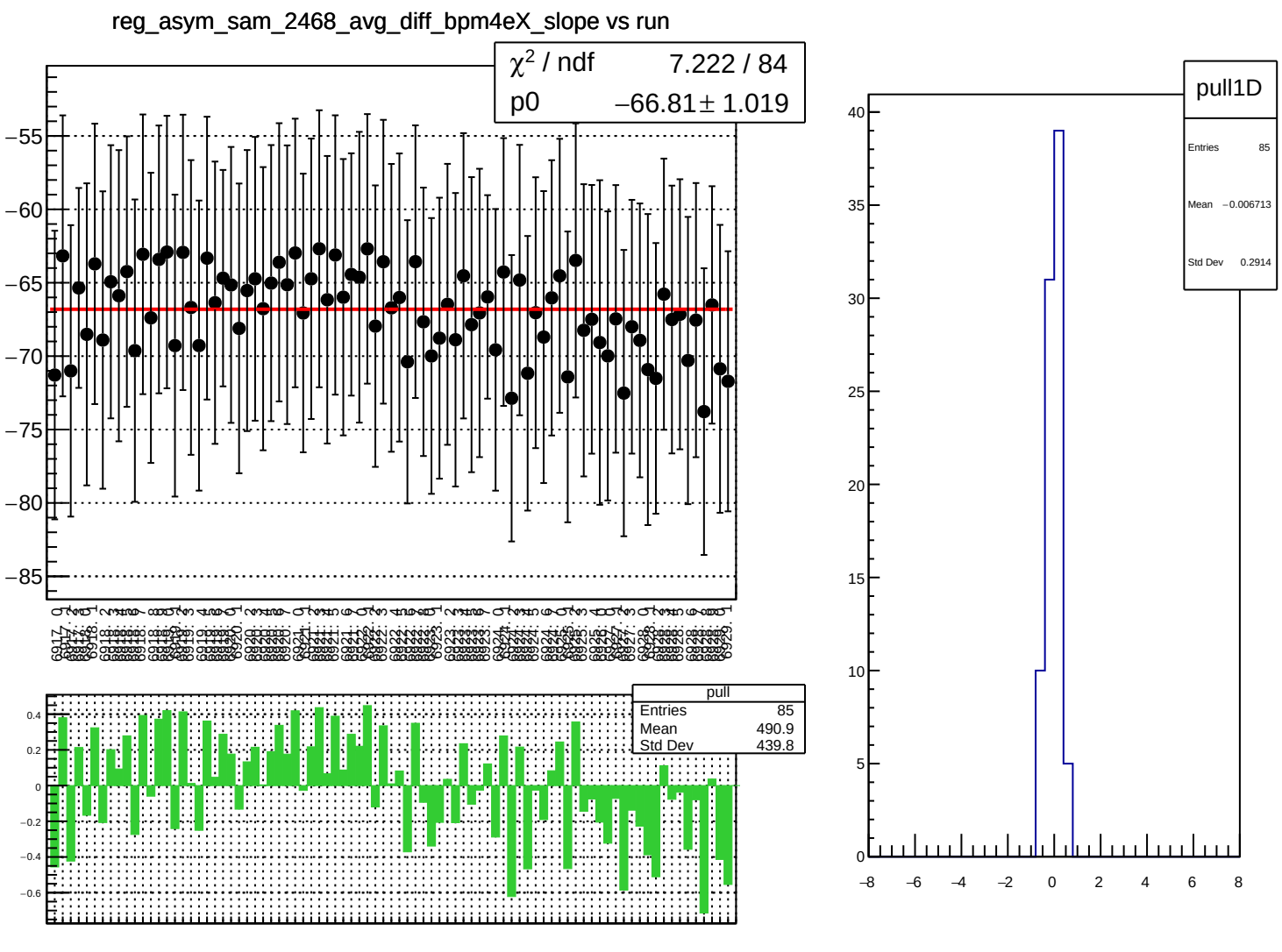

reg_asym_sam_1357_avg_diff_bpm12X_slope vs run
χ² / ndf 5.644 / 84
p0 0.08743 ± 0.01767
pull
Entries 85
Mean 817.5
Std Dev 777.8
pull1D
Entries 85
Mean 0.005097
Std Dev 0.2576

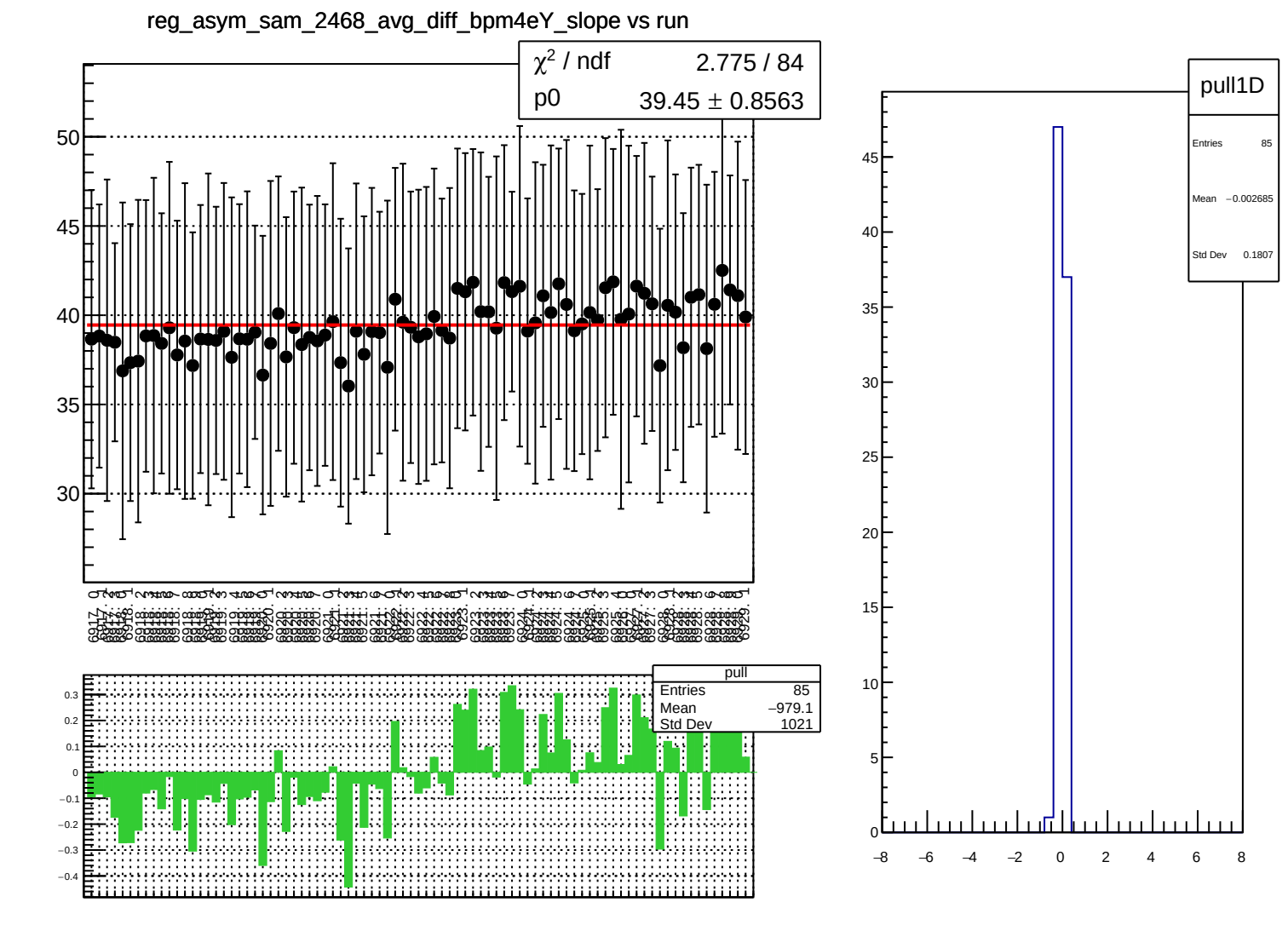

reg_asym_sam_2468_avg_diff_bpm1X_slope vs run
χ² / ndf 5.561 / 84
p0 −19.78 ± 1.098
pull
Entries 85
Mean 788.7
Std Dev 739.6

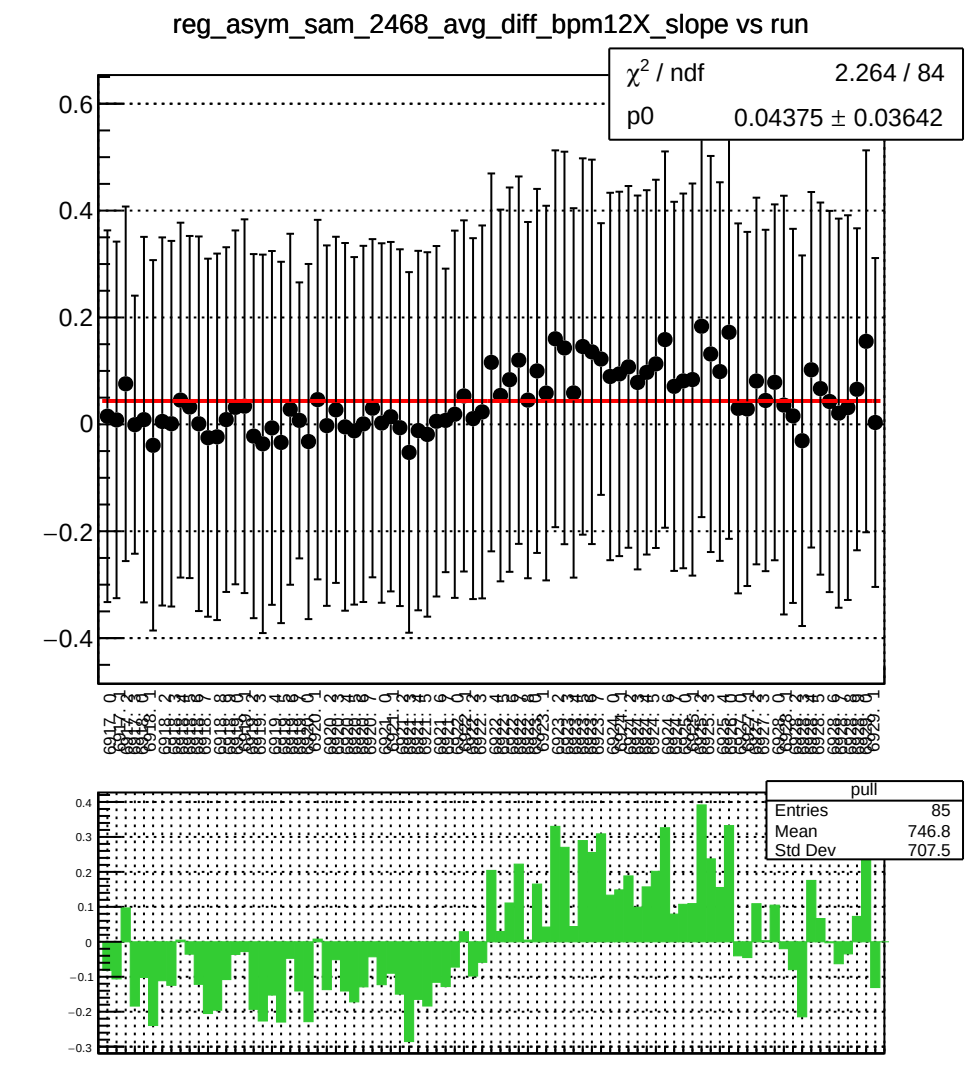

pull1D
Entries 85
Mean 0.003966
Std Dev 0.2557

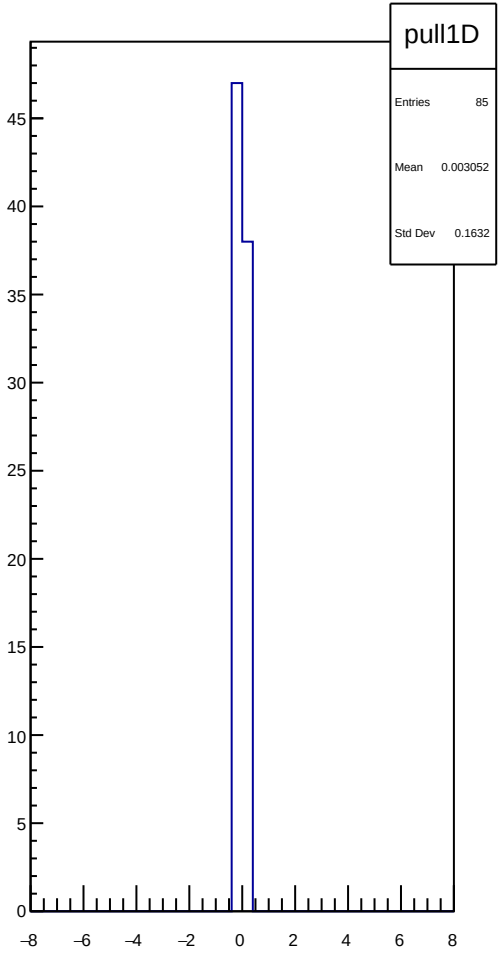

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs run
χ² / ndf 1.693 / 84
p0 −0.9678 ± 0.754
pull
Entries 85
Mean −310.3
Std Dev 354.3

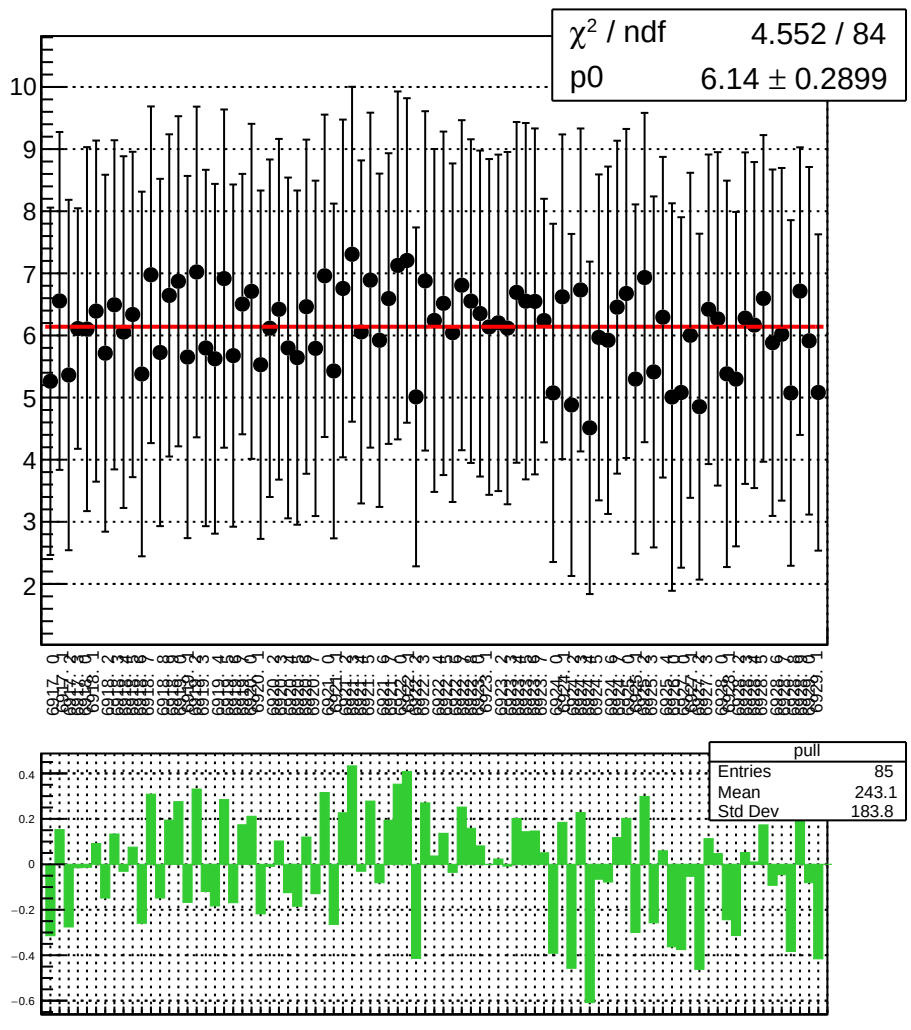

pull1D
Entries 85
Mean 0.004386
Std Dev 0.1411

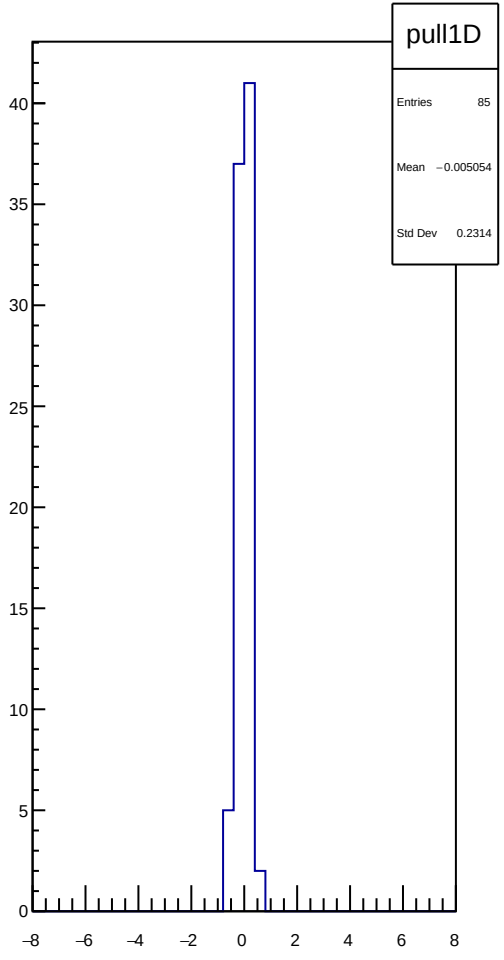

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs run
χ² / ndf 7.222 / 84
p0 −66.81 ± 1.019
pull
Entries 85
Mean 490.9
Std Dev 439.8
pull1D
Entries 85
Mean −0.006713
Std Dev 0.2914

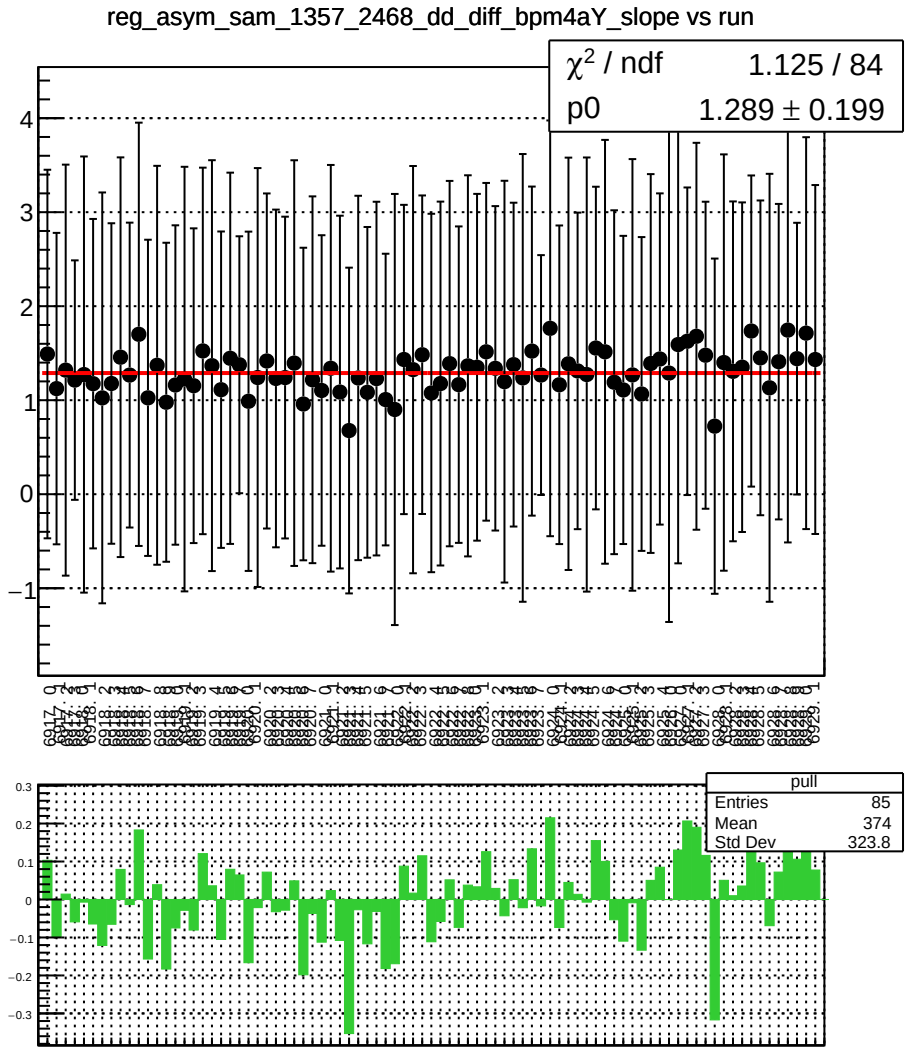

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs run
χ² / ndf 2.775 / 84
p0 39.45 ± 0.8563
pull
Entries 85
Mean −979.1
Std Dev 1021
pull1D
Entries 85
Mean −0.002685
Std Dev 0.1807

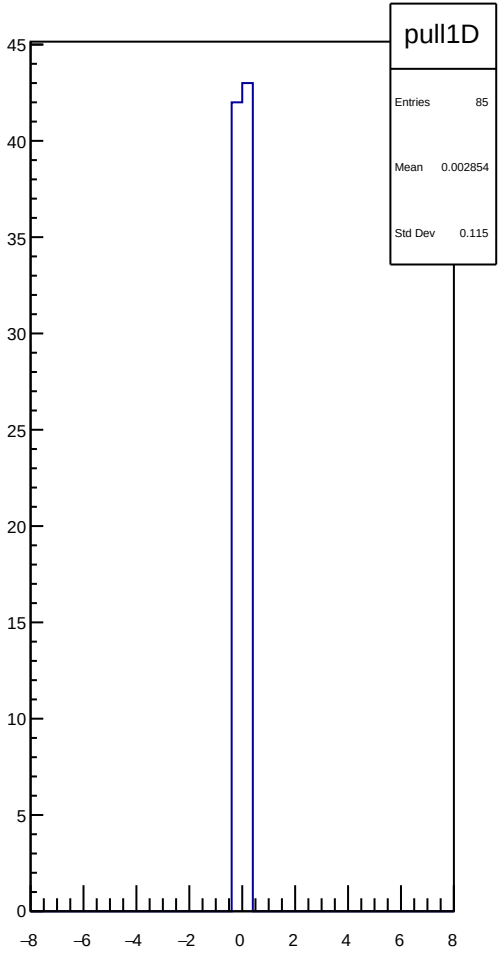

reg_asym_sam_2468_avg_diff_bpm12X_slope vs run
χ² / ndf 2.264 / 84
p0 0.04375 ± 0.03642
pull
Entries 85
Mean 746.8
Std Dev 707.5

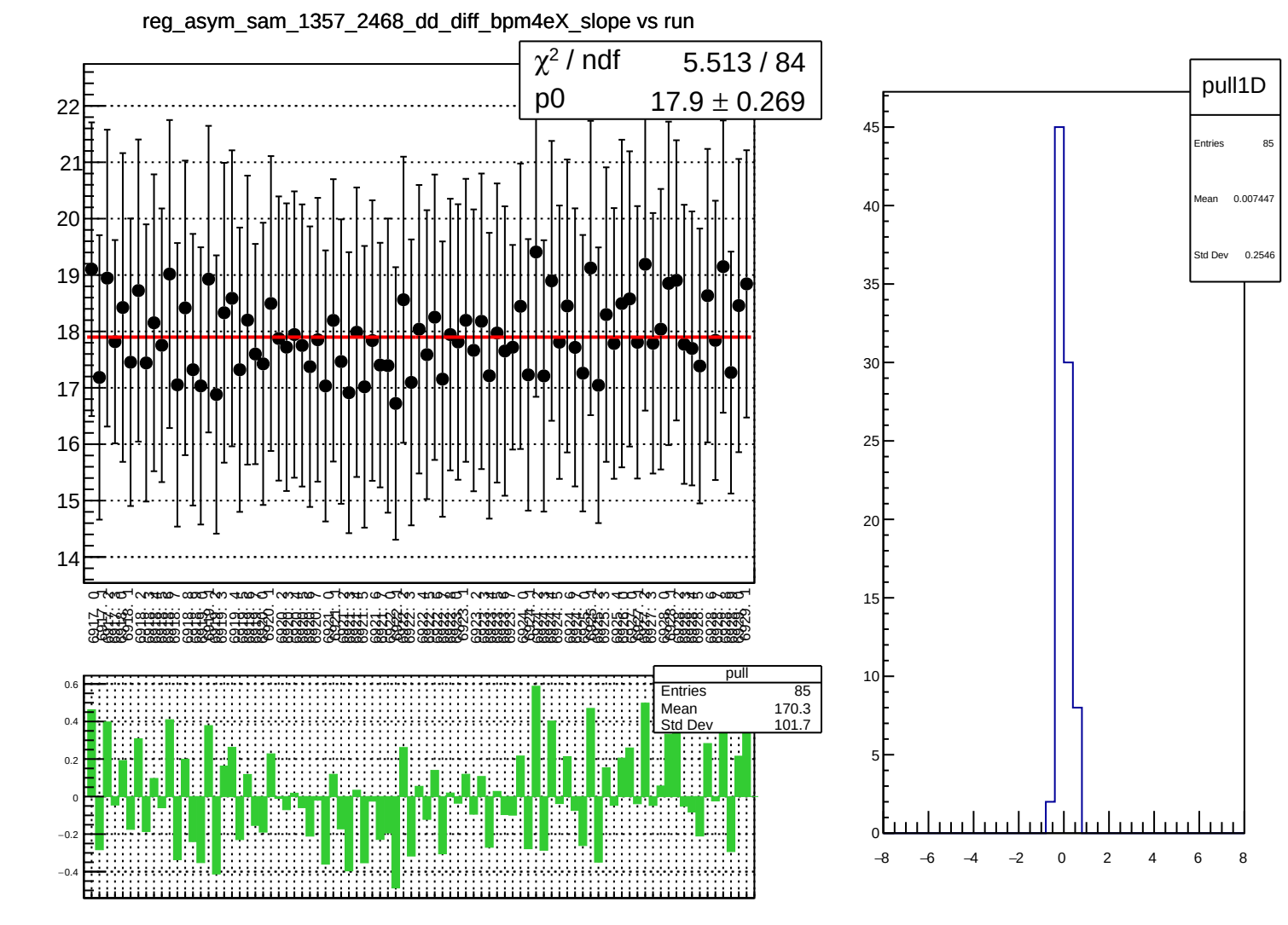

pull1D
Entries 85
Mean 0.003052
Std Dev 0.1632

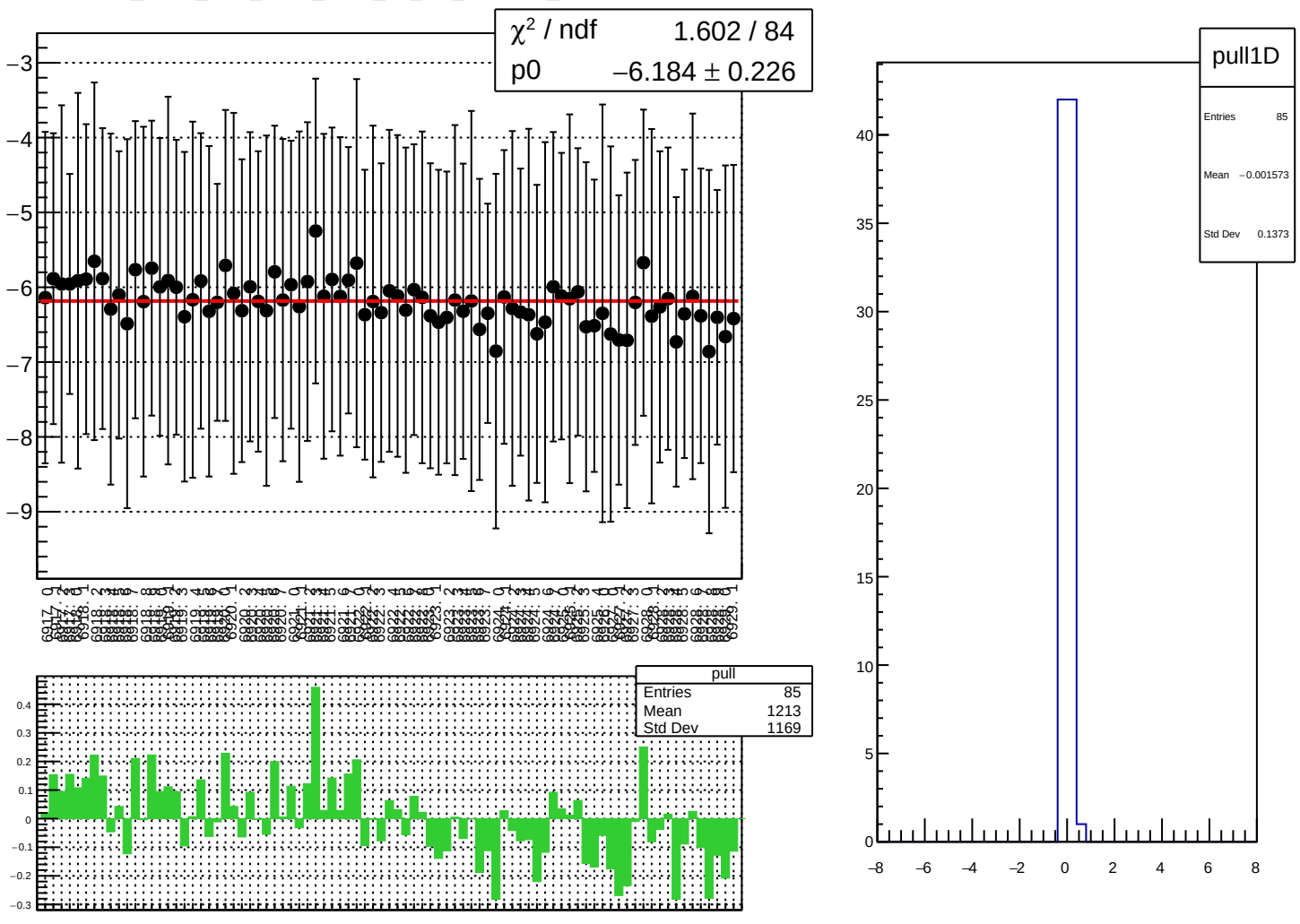

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs run
χ² / ndf 4.552 / 84
p0 6.14 ± 0.2899
pull
Entries 85
Mean 243.1
Std Dev 183.8

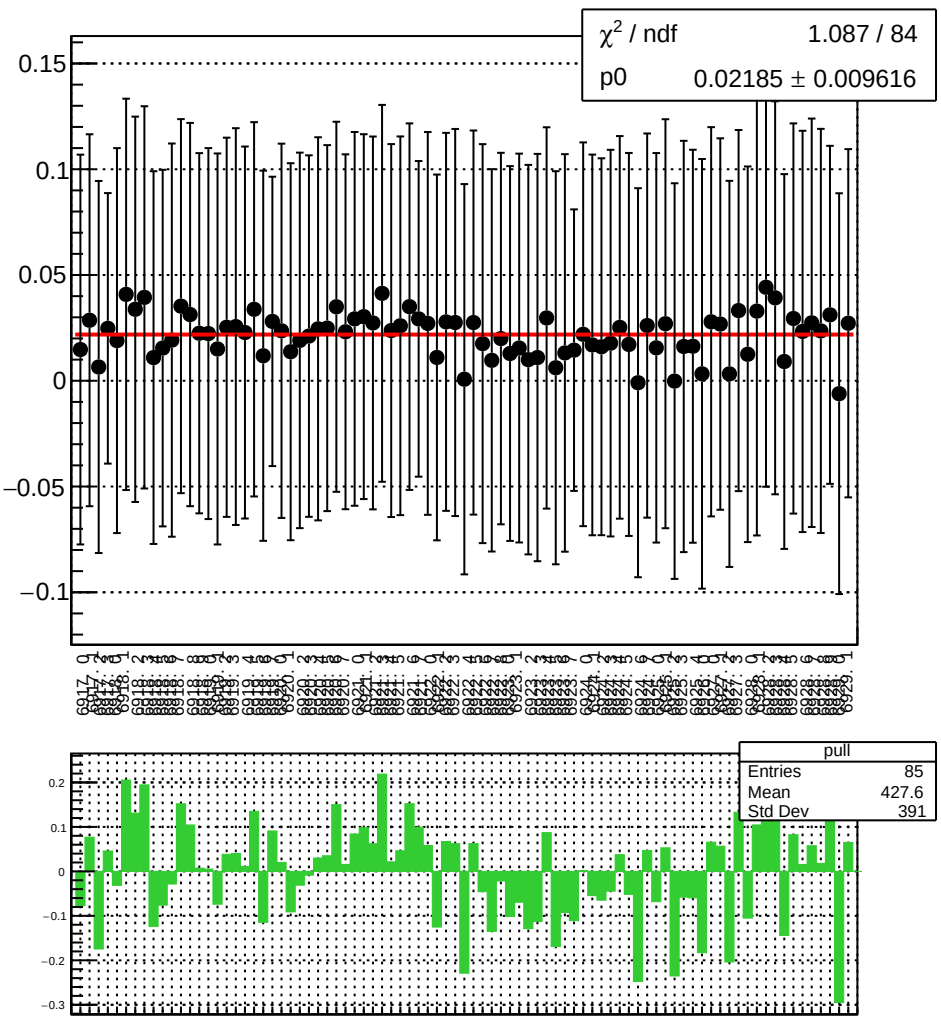

pull1D
Entries 85
Mean −0.005054
Std Dev 0.2314

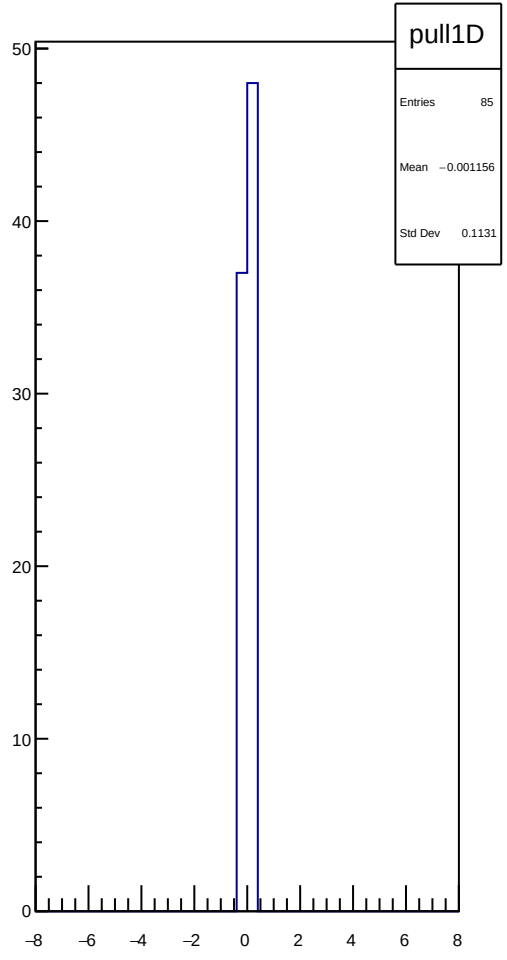

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs run
χ² / ndf 1.125 / 84
p0 1.289 ± 0.199
pull
Entries 85
Mean 374
Std Dev 323.8

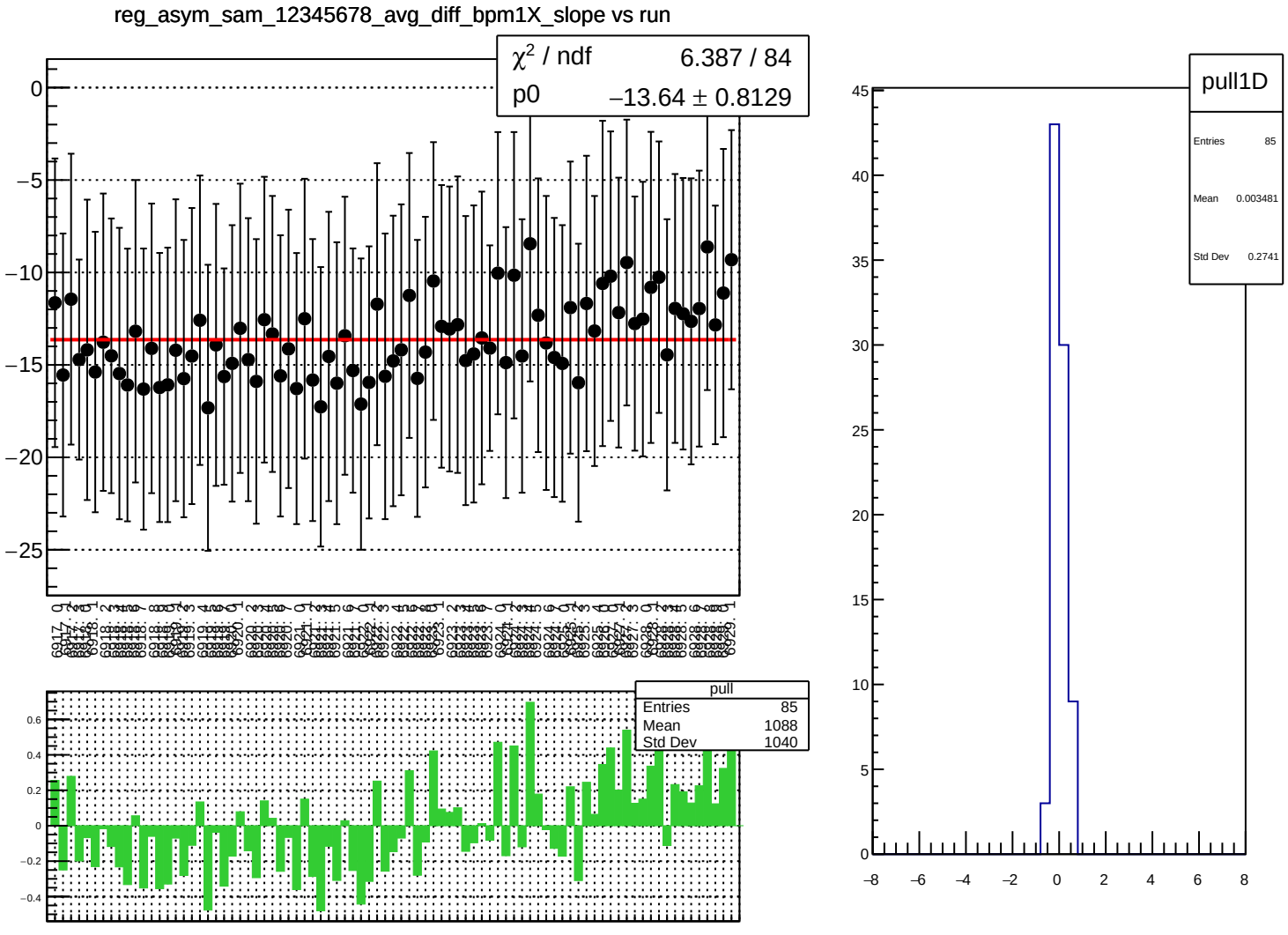

pull1D
Entries 85
Mean 0.002854
Std Dev 0.115

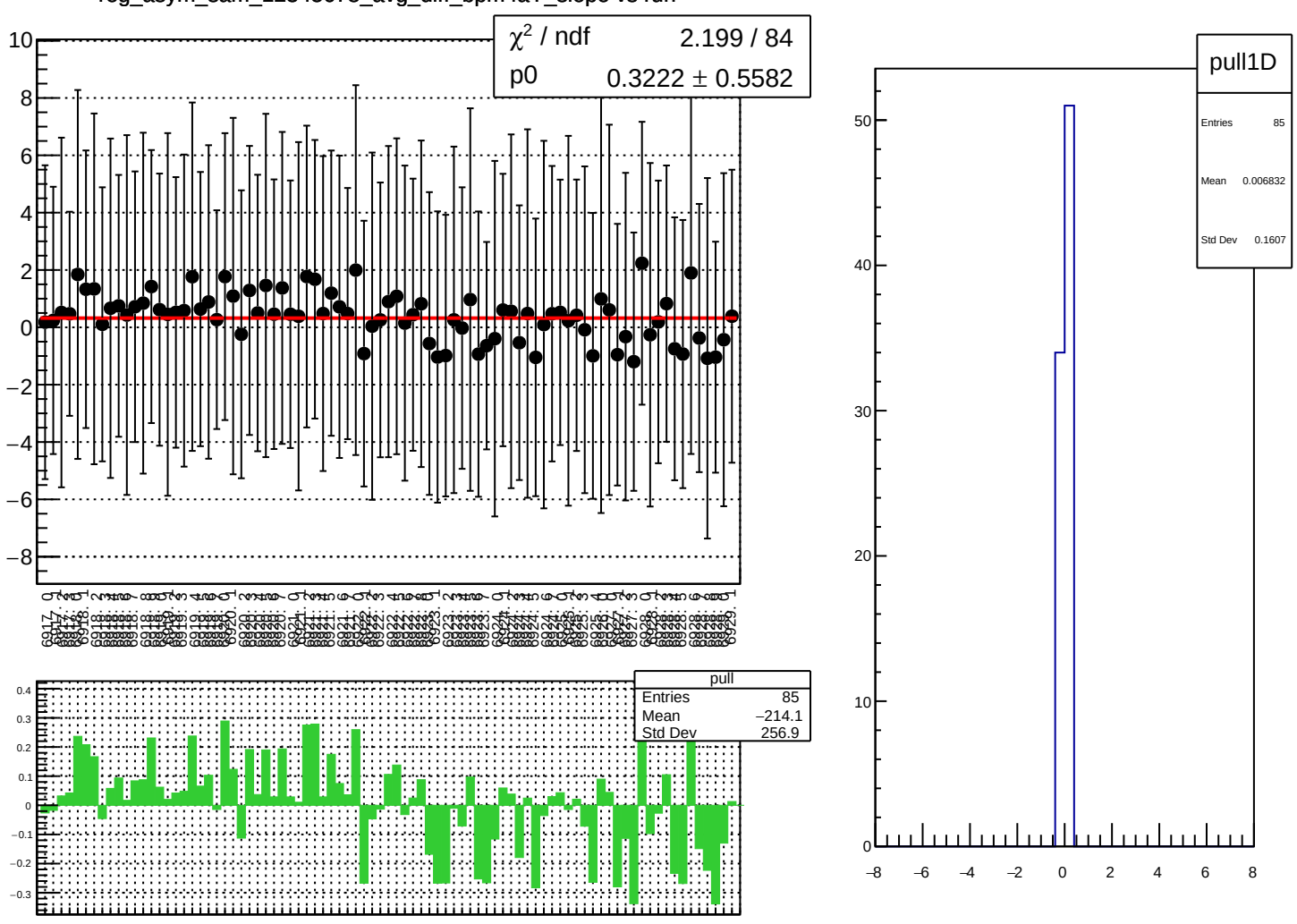

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs run
χ² / ndf 5.513 / 84
p0 17.9 ± 0.269
pull
Entries 85
Mean 170.3
Std Dev 101.7
pull1D
Entries 85
Mean 0.007447
Std Dev 0.2546

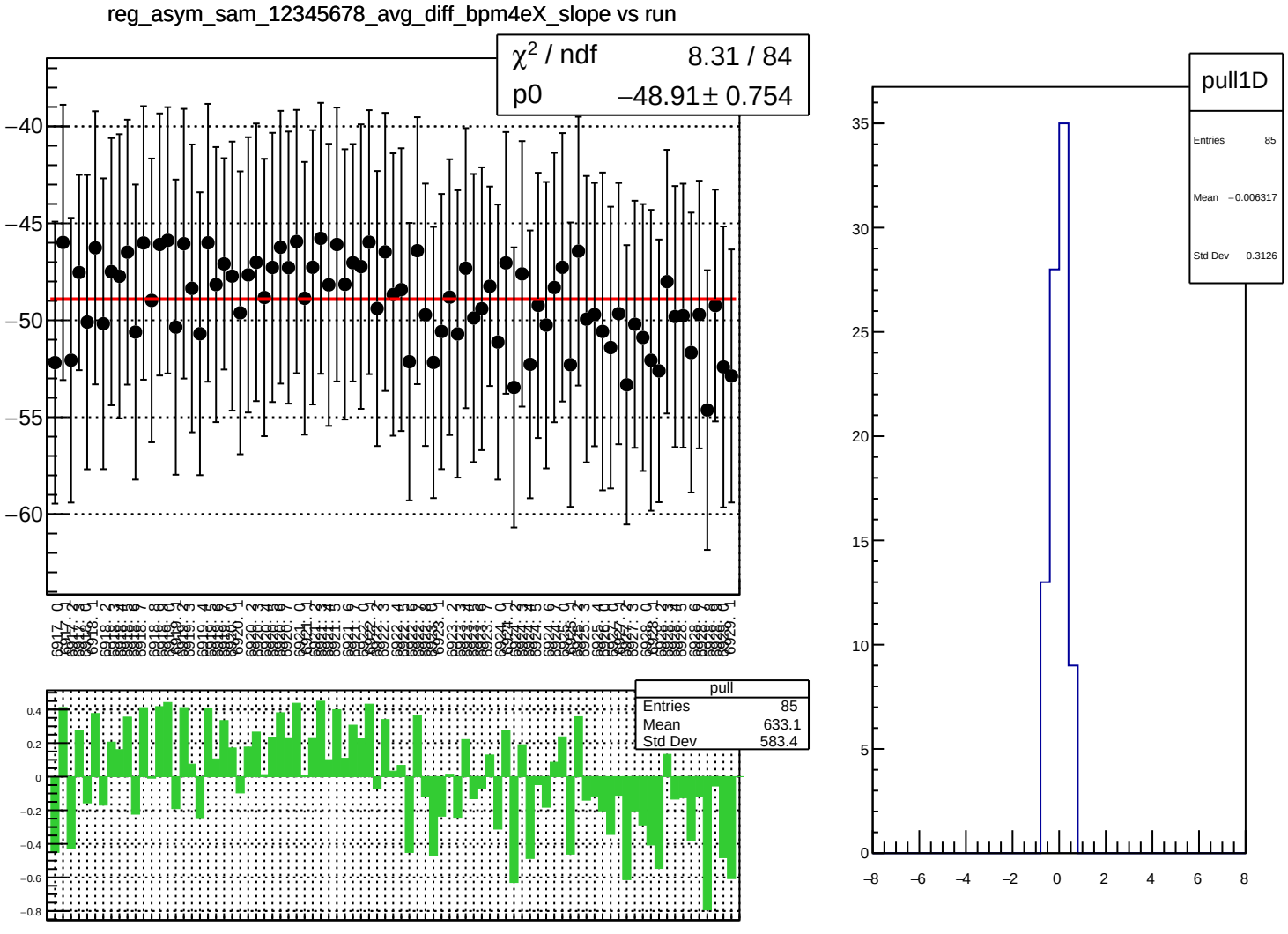

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs run
χ² / ndf 1.602 / 84
p0 −6.184 ± 0.226
pull
Entries 85
Mean 1213
Std Dev 1169
pull1D
Entries 85
Mean −0.001573
Std Dev 0.1373

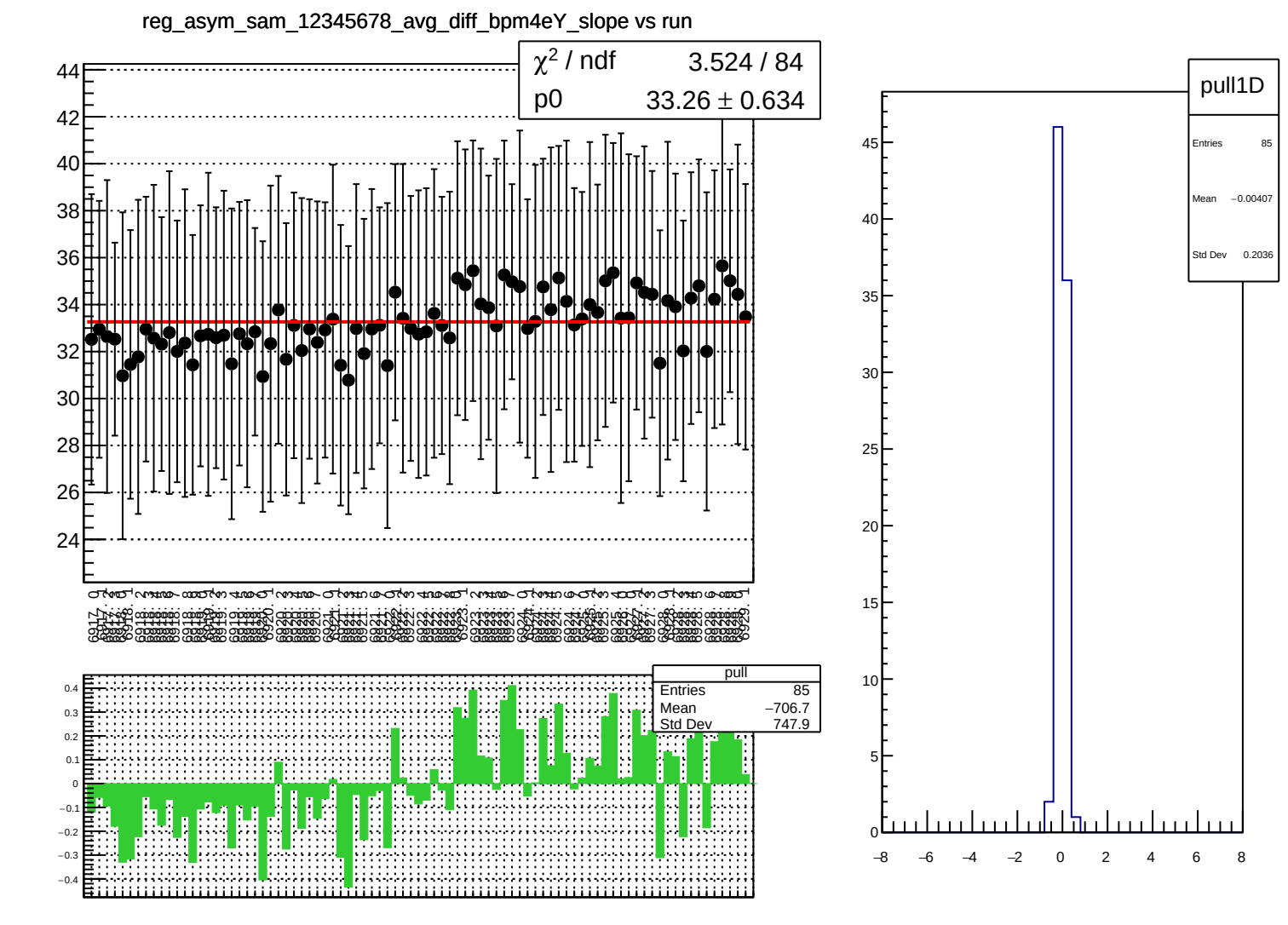

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs run
χ² / ndf 1.087 / 84
p0 0.02185 ± 0.009616
0.15
0.1
0.05
0
−0.05
−0.1
pull
Entries 85
Mean 427.6
Std Dev 391
0.2
0.1
0
−0.1
−0.2
−0.3

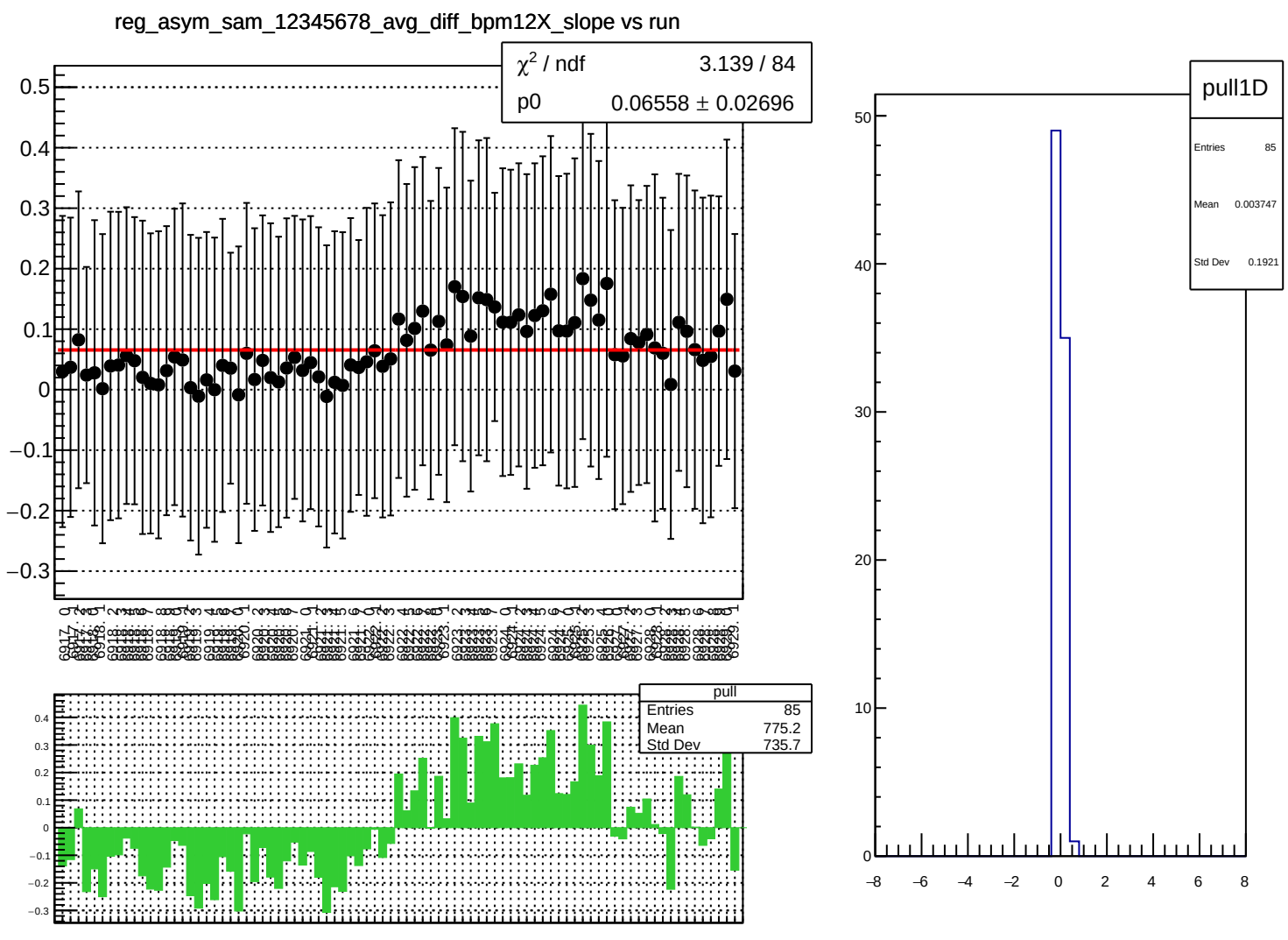

pull1D
Entries 85
Mean −0.001156
Std Dev 0.1131
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

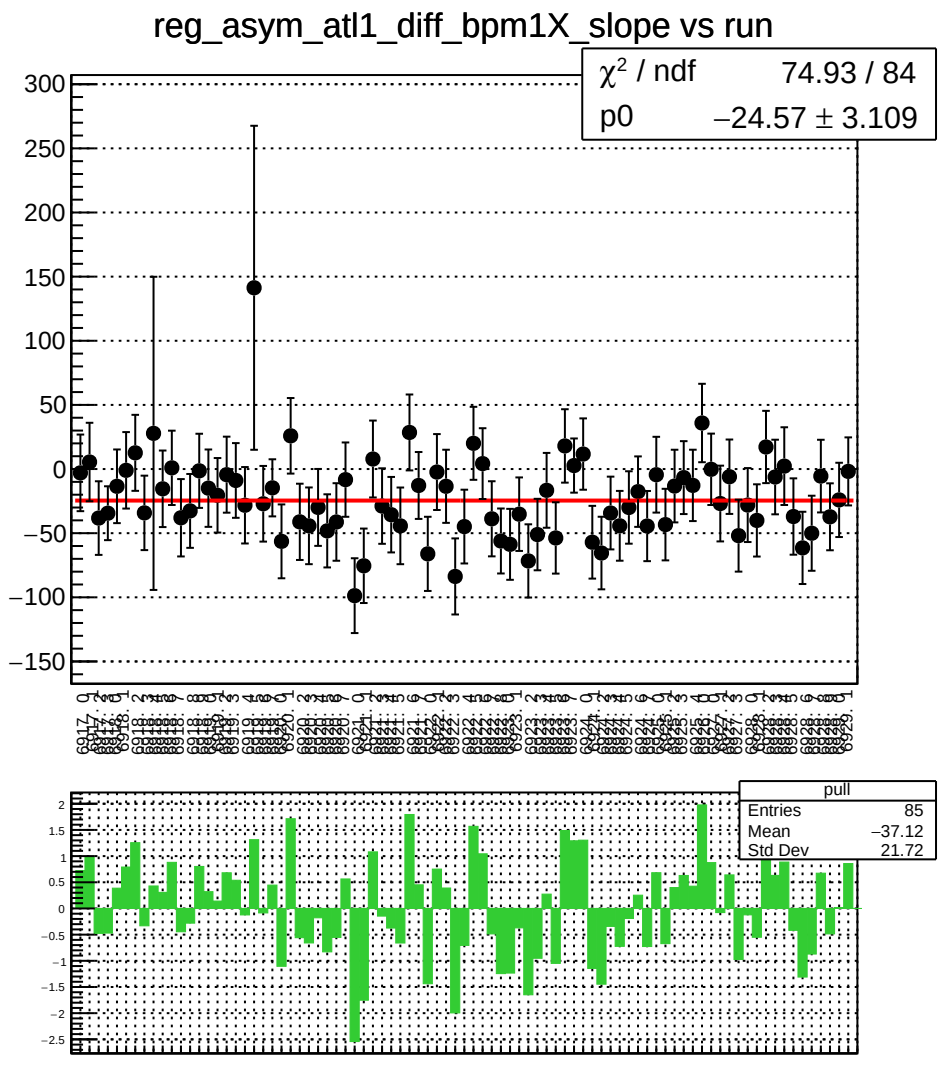

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs run
χ² / ndf 6.387 / 84
p0 −13.64 ± 0.8129
pull
Entries 85
Mean 1088
Std Dev 1040
pull1D
Entries 85
Mean 0.003481
Std Dev 0.2741

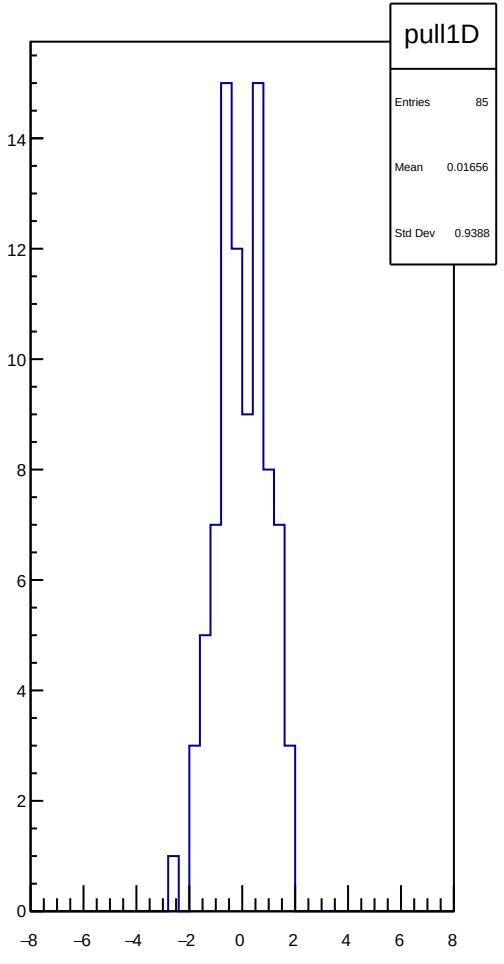

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs run
χ² / ndf 2.199 / 84
p0 0.3222 ± 0.5582
pull
Entries 85
Mean −214.1
Std Dev 256.9
pull1D
Entries 85
Mean 0.006832
Std Dev 0.1607

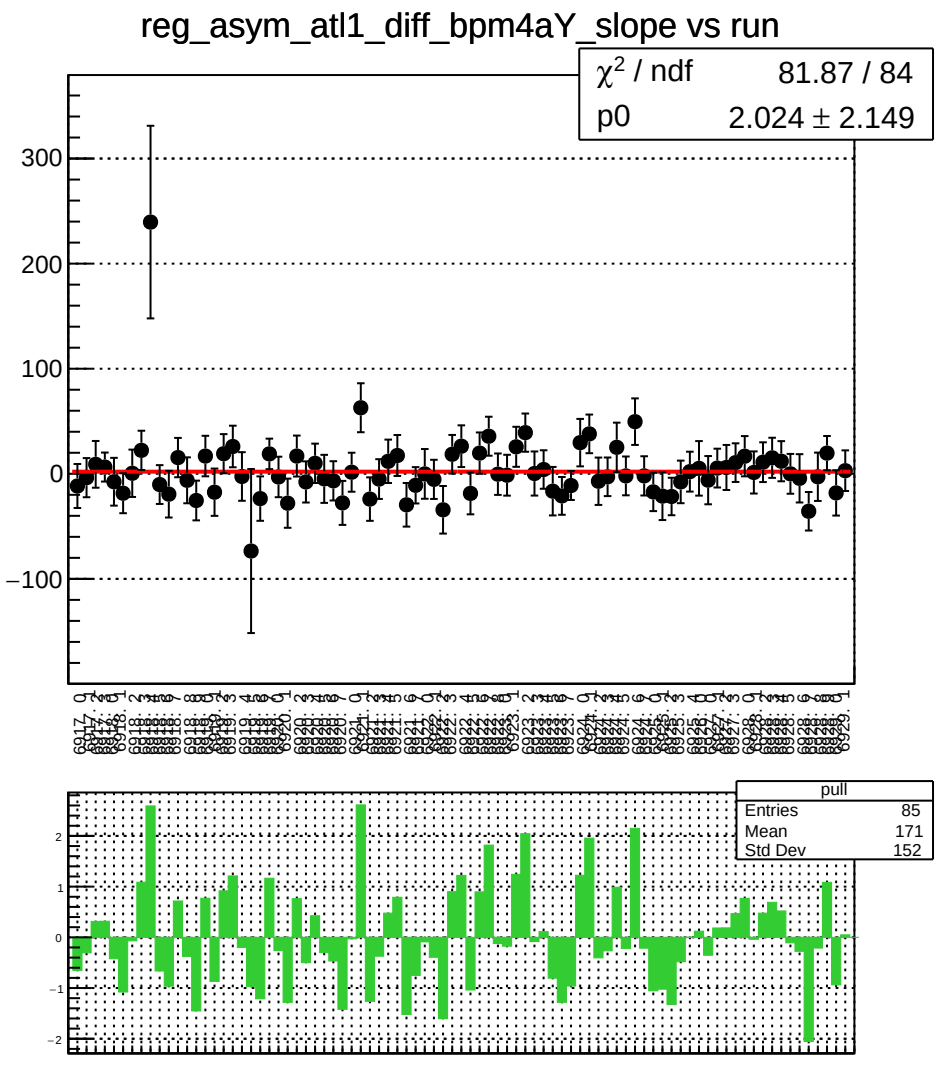

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs run
χ² / ndf 8.31 / 84
p0 −48.91 ± 0.754
−40
−45
−50
−55
−60
pull
Entries 85
Mean 633.1
Std Dev 583.4
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 85
Mean −0.006317
Std Dev 0.3126
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

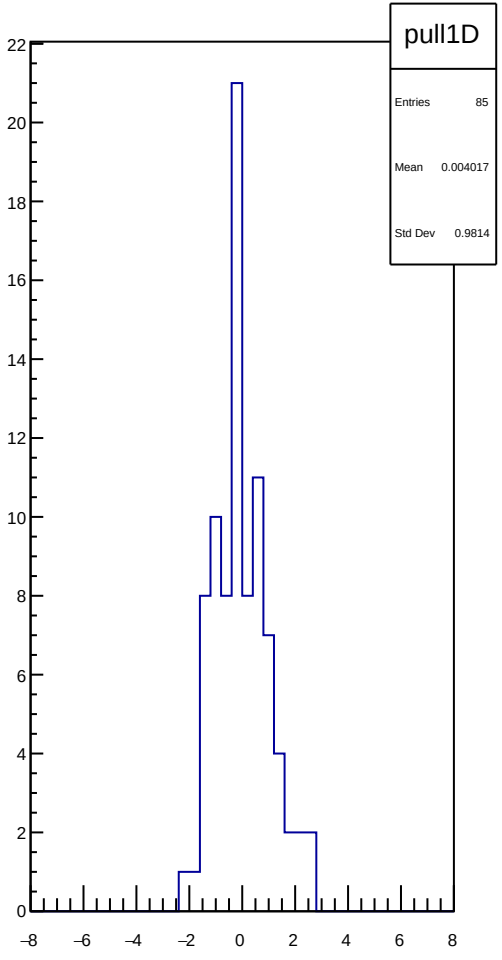

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs run
χ² / ndf 3.524 / 84
p0 33.26 ± 0.634
pull
Entries 85
Mean −706.7
Std Dev 747.9
pull1D
Entries 85
Mean −0.00407
Std Dev 0.2036

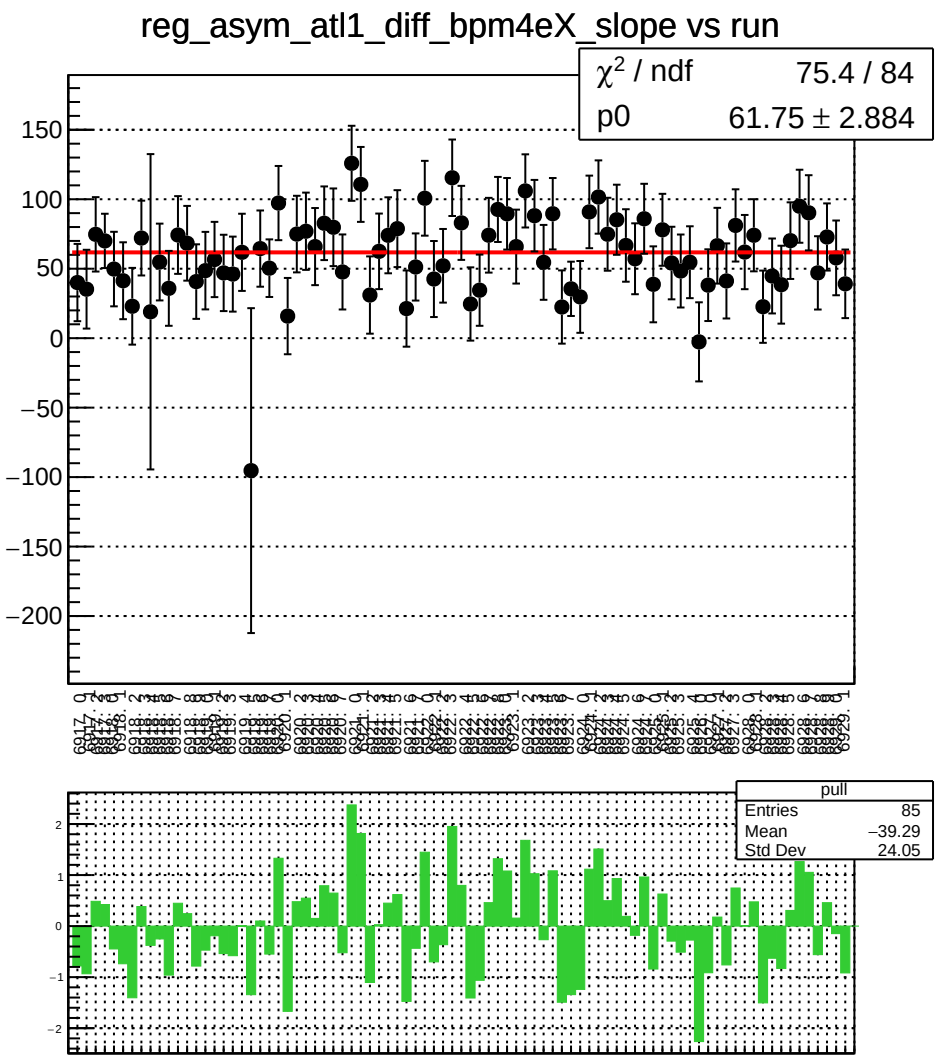

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs run
χ² / ndf 3.139 / 84
p0 0.06558 ± 0.02696
pull
Entries 85
Mean 775.2
Std Dev 735.7
pull1D
Entries 85
Mean 0.003747
Std Dev 0.1921

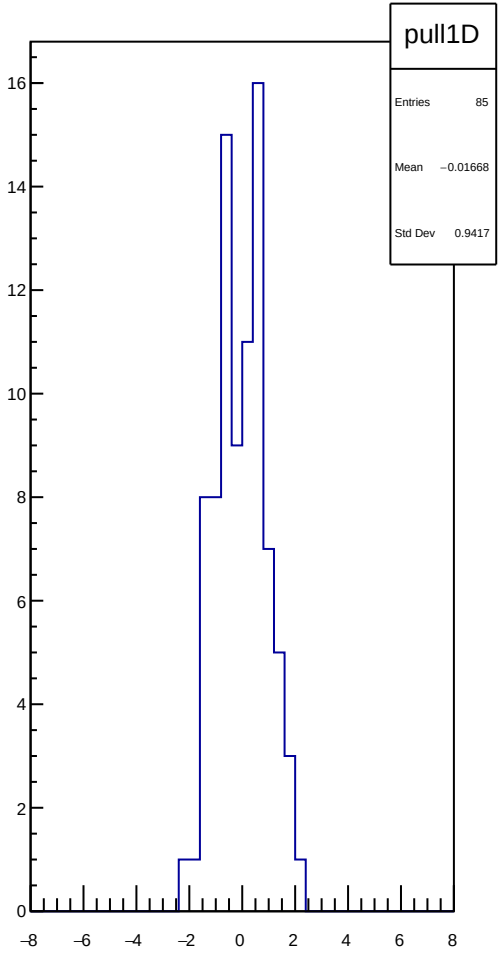

reg_asym_atl1_diff_bpm1X_slope vs run
χ² / ndf 74.93 / 84
p0 −24.57 ± 3.109
pull
Entries 85
Mean −37.12
Std Dev 21.72

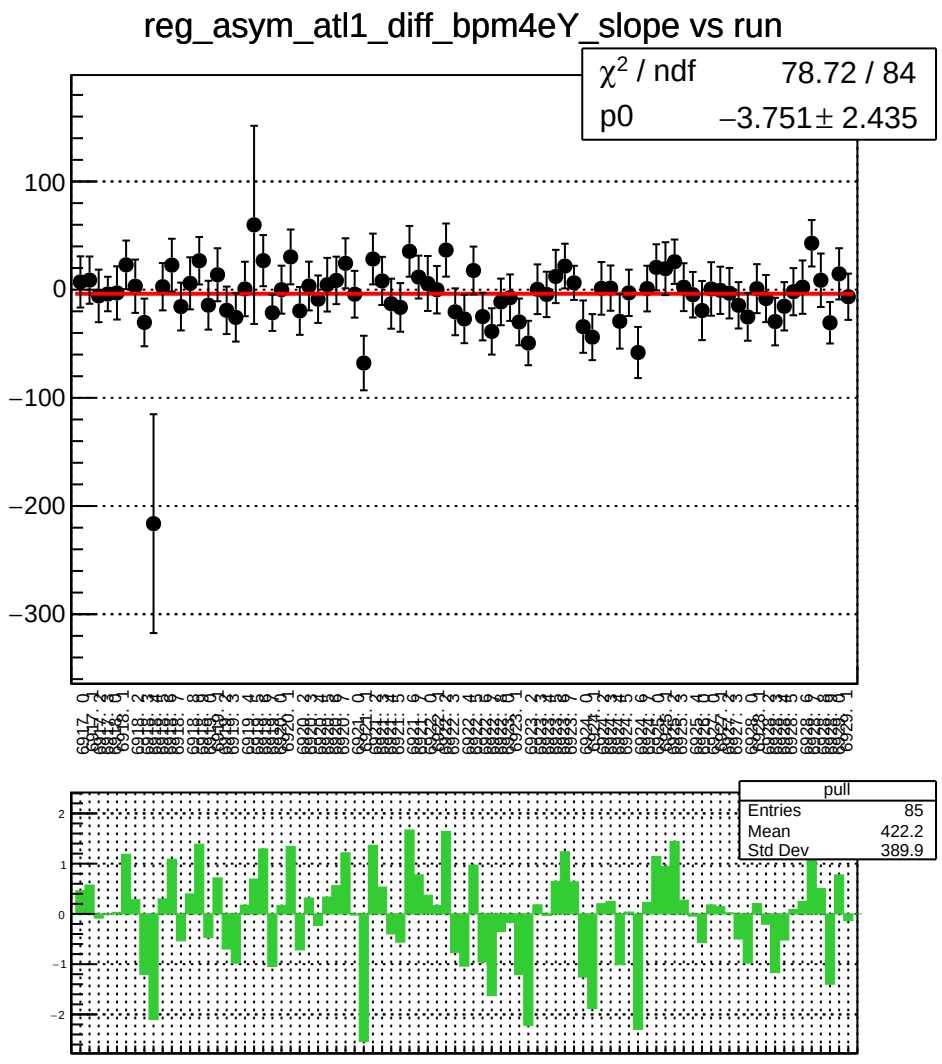

pull1D
Entries 85
Mean 0.01656
Std Dev 0.9388

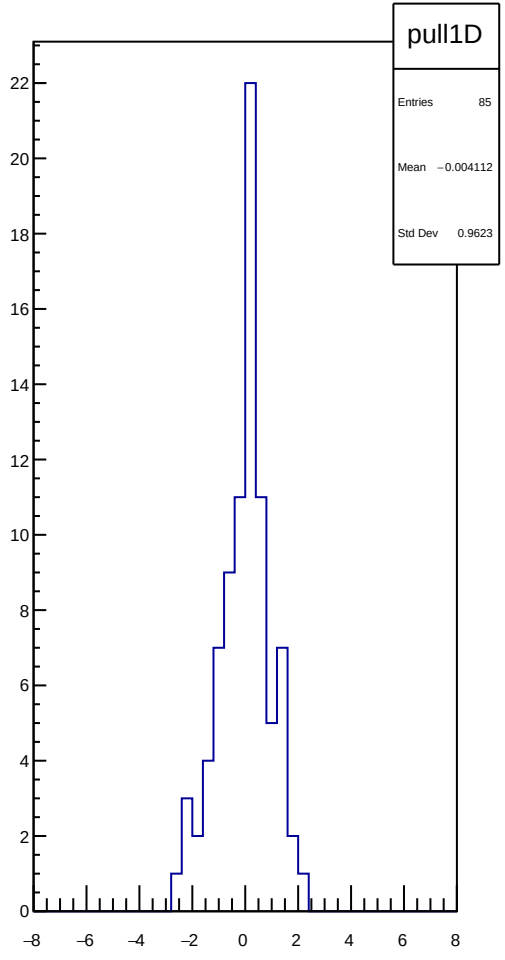

reg_asym_atl1_diff_bpm4aY_slope vs run
χ² / ndf 81.87 / 84
p0 2.024 ± 2.149
300
200
100
0
−100
pull
Entries 85
Mean 171
Std Dev 152
2
1
0
−1
−2

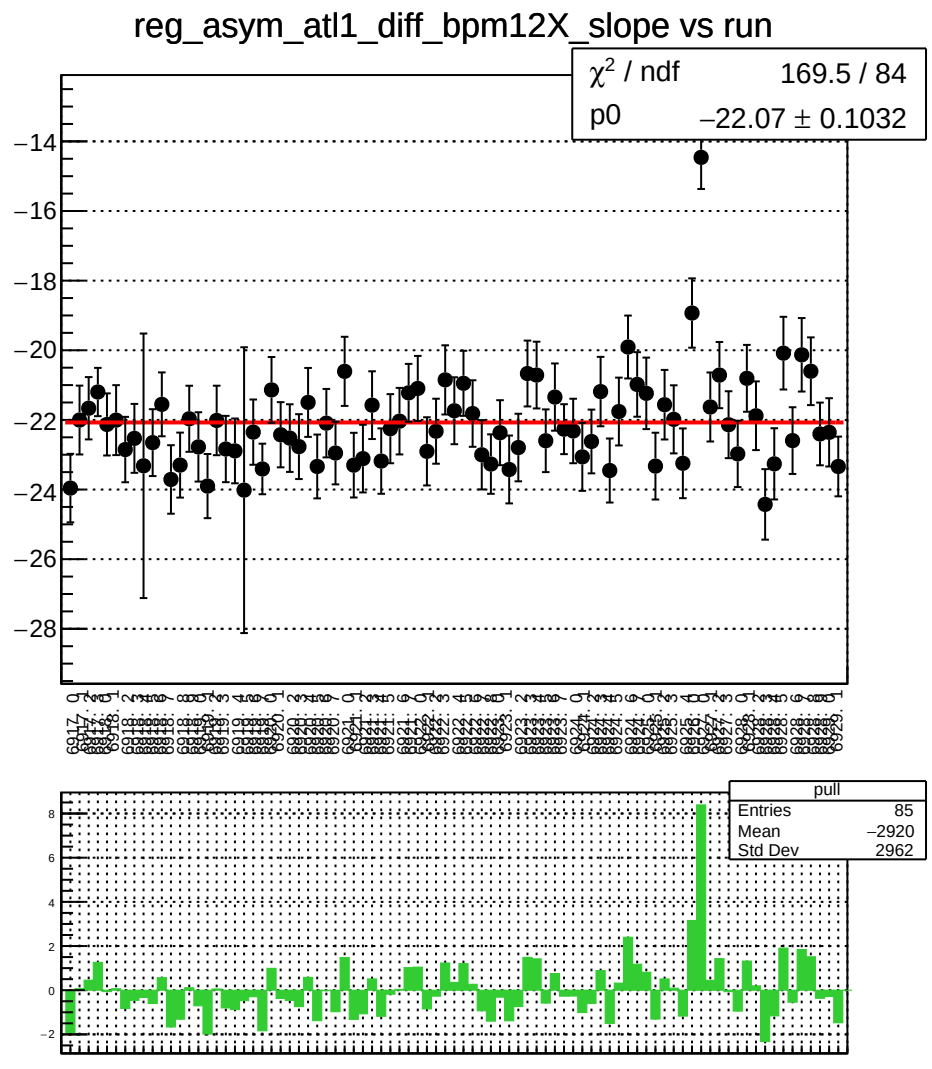

pull1D
Entries 85
Mean 0.004017
Std Dev 0.9814
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

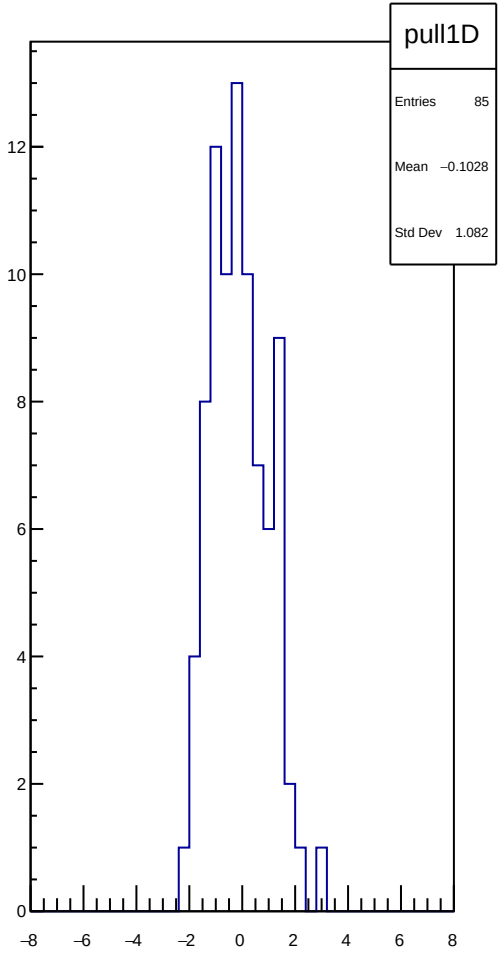

reg_asym_atl1_diff_bpm4eX_slope vs run
χ² / ndf 75.4 / 84
p0 61.75 ± 2.884
150
100
50
0
−50
−100
−150
−200
pull
Entries 85
Mean −39.29
Std Dev 24.05
2
1
0
−1
−2

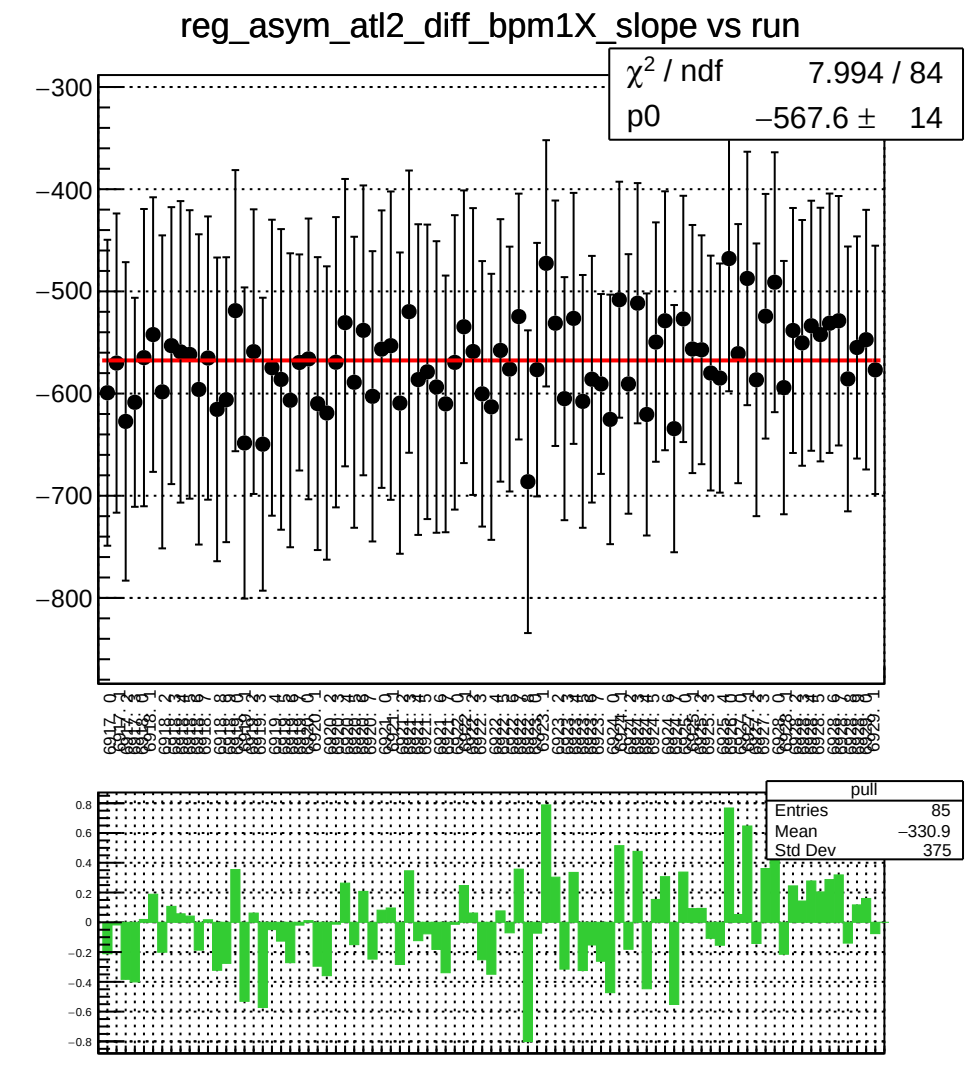

pull1D
Entries 85
Mean −0.01668
Std Dev 0.9417
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

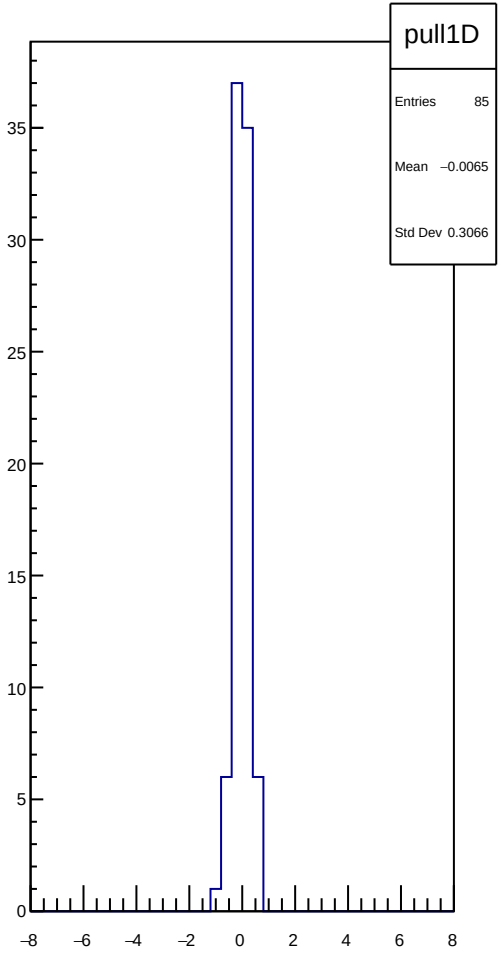

reg_asym_atl1_diff_bpm4eY_slope vs run
χ² / ndf 78.72 / 84
p0 −3.751 ± 2.435
100
0
−100
−200
−300
pull
Entries 85
Mean 422.2
Std Dev 389.9
2
1
0
−1
−2

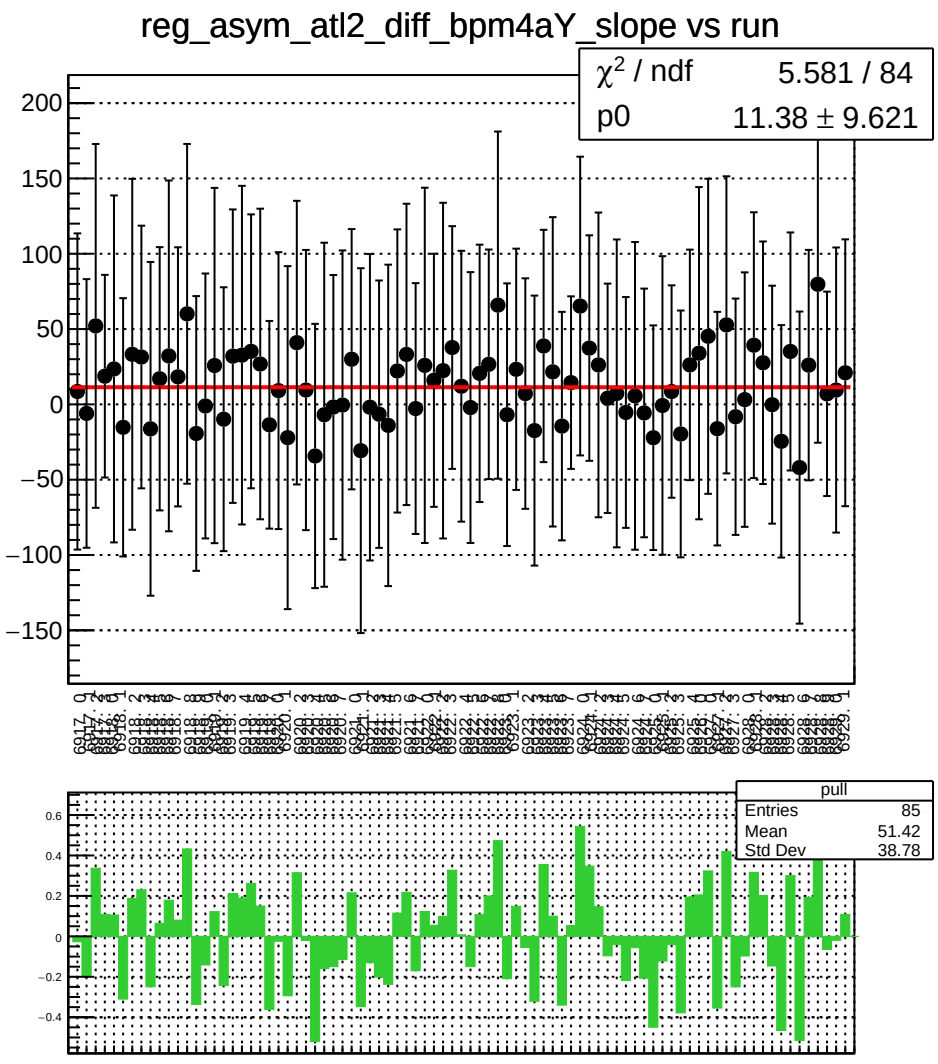

pull1D
Entries 85
Mean −0.004112
Std Dev 0.9623
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

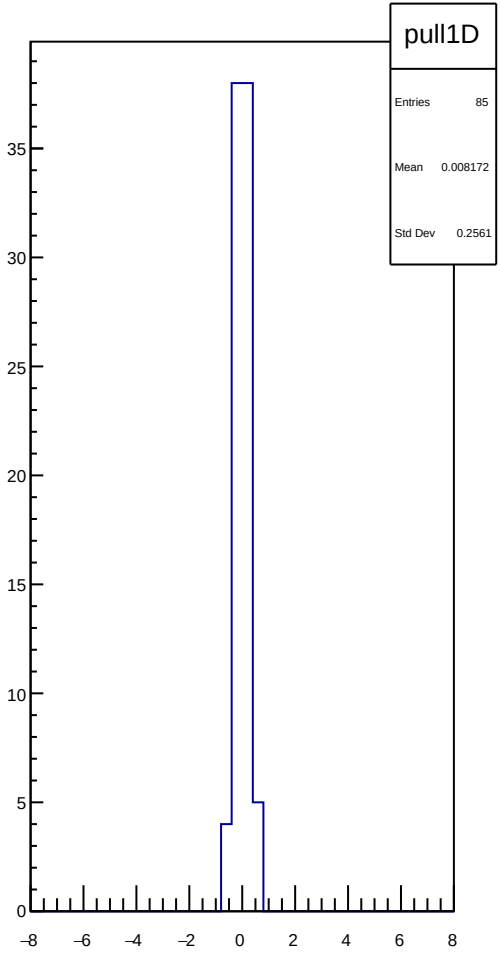

reg_asym_atl1_diff_bpm12X_slope vs run
χ² / ndf 169.5 / 84
p0 −22.07 ± 0.1032
pull
Entries 85
Mean −2920
Std Dev 2962

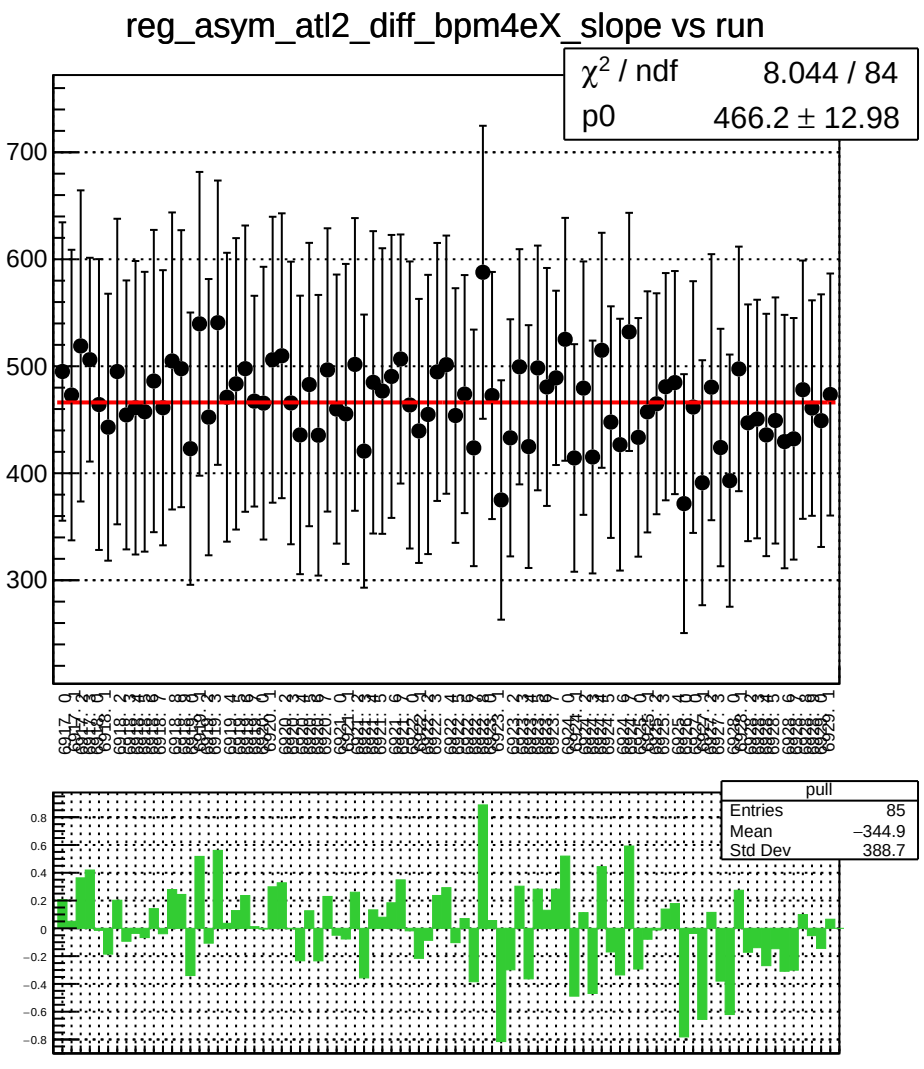

pull1D
Entries 85
Mean −0.1028
Std Dev 1.082

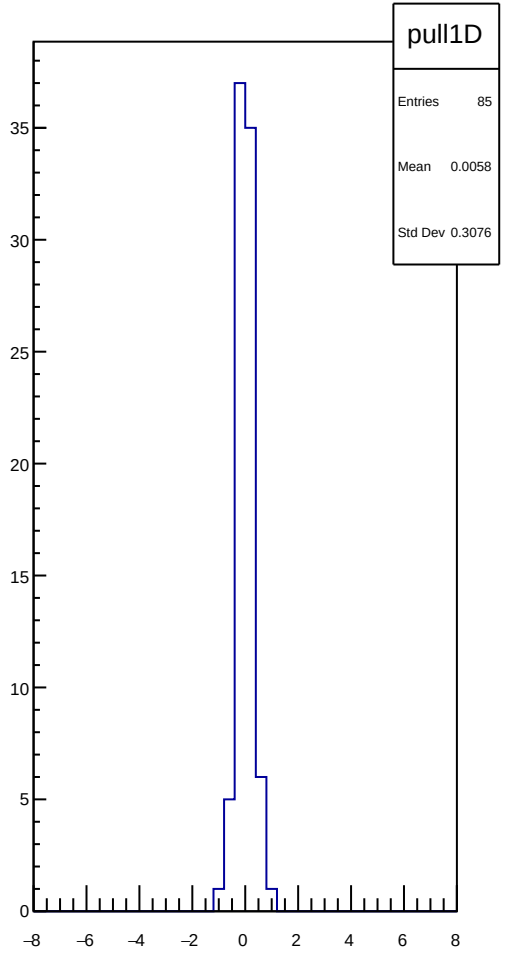

reg_asym_atl2_diff_bpm1X_slope vs run
χ² / ndf 7.994 / 84
p0 −567.6 ± 14
pull
Entries 85
Mean −330.9
Std Dev 375

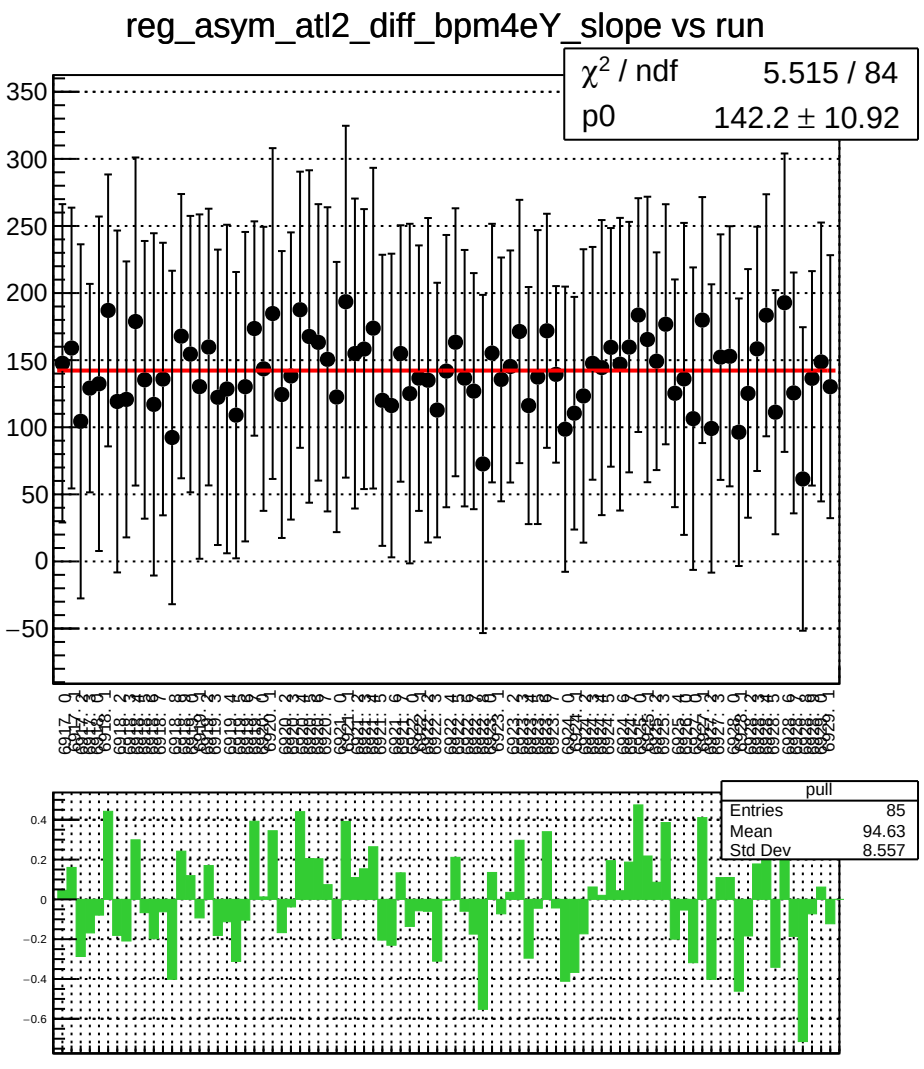

pull1D
Entries 85
Mean −0.0065
Std Dev 0.3066

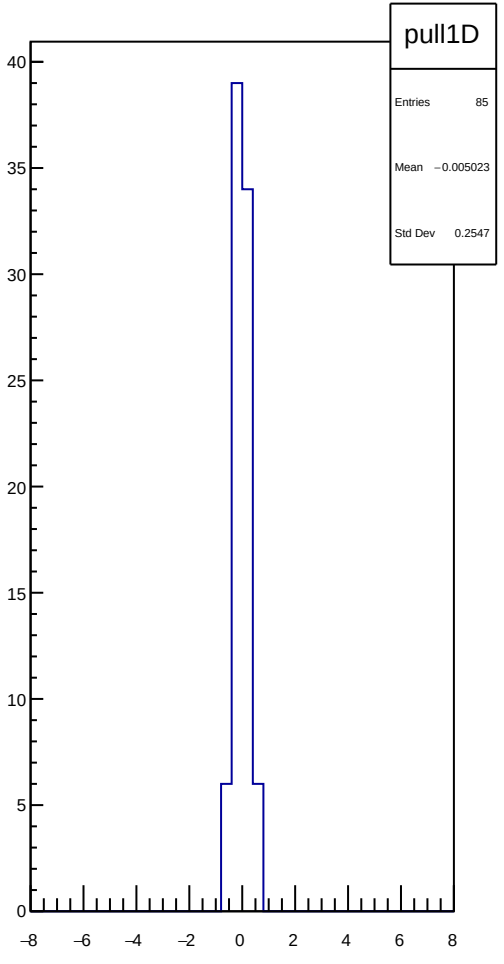

reg_asym_atl2_diff_bpm4aY_slope vs run
χ² / ndf 5.581 / 84
p0 11.38 ± 9.621
pull
Entries 85
Mean 51.42
Std Dev 38.78

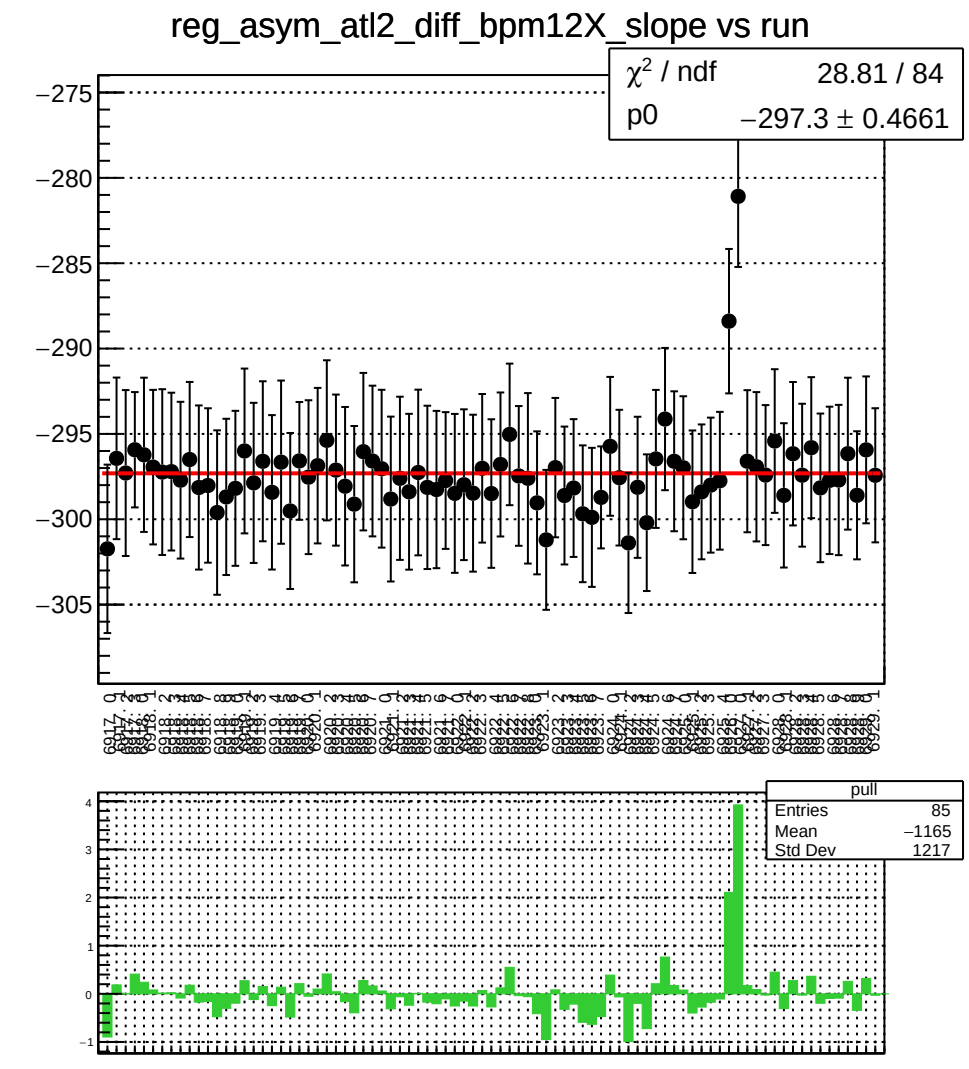

pull1D
Entries 85
Mean 0.008172
Std Dev 0.2561

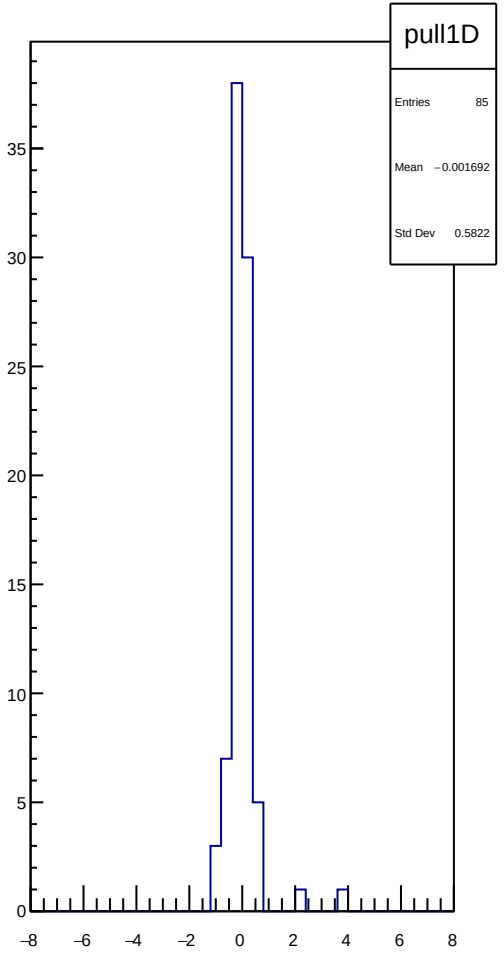

reg_asym_atl2_diff_bpm4eX_slope vs run
χ² / ndf 8.044 / 84
p0 466.2 ± 12.98
700
600
500
400
300
pull
Entries 85
Mean −344.9
Std Dev 388.7
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

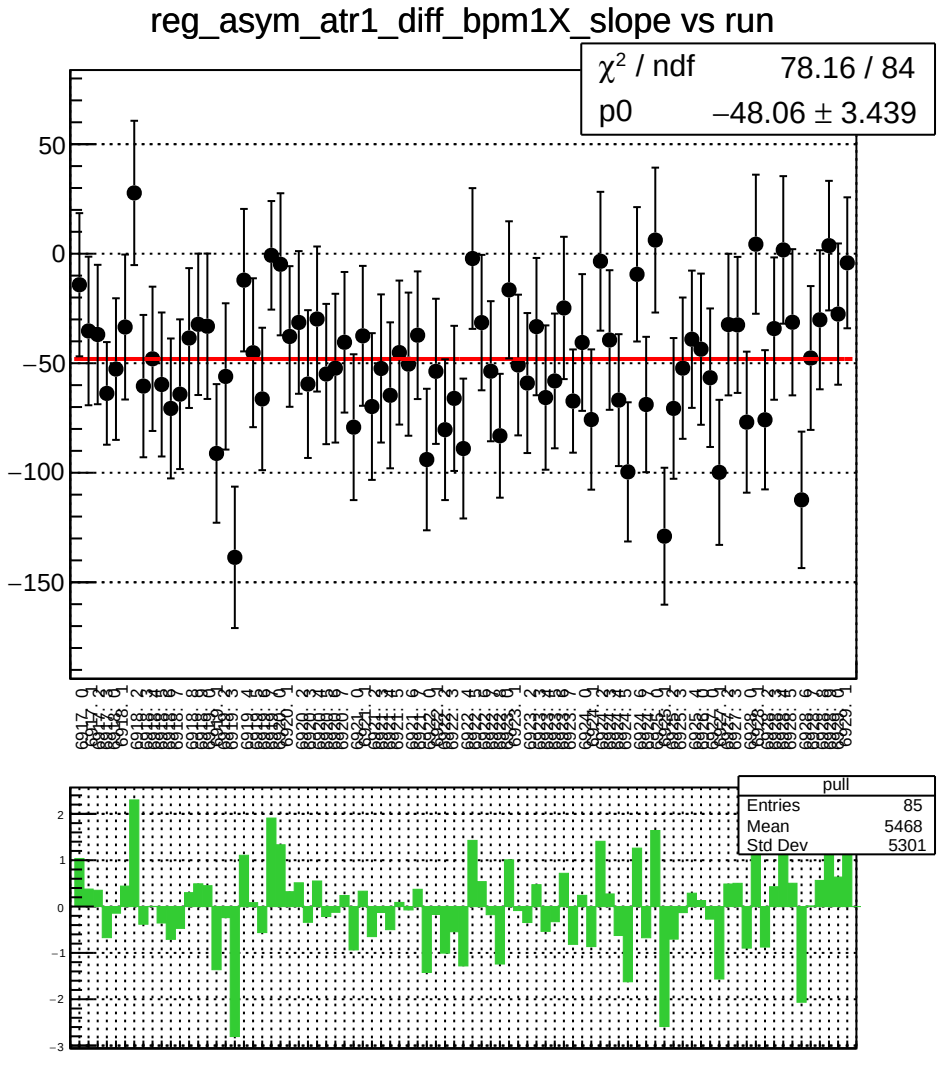

pull1D
Entries 85
Mean 0.0058
Std Dev 0.3076
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

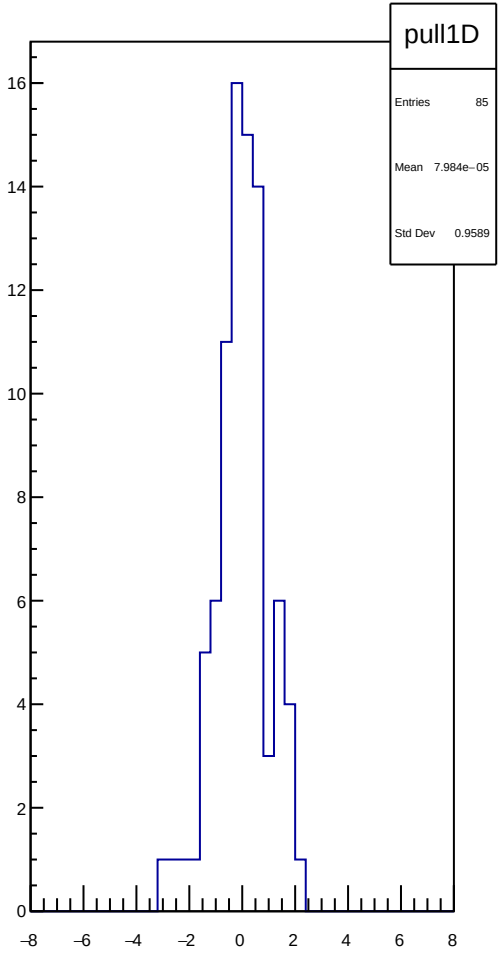

reg_asym_atl2_diff_bpm4eY_slope vs run
χ² / ndf 5.515 / 84
p0 142.2 ± 10.92
pull
Entries 85
Mean 94.63
Std Dev 8.557

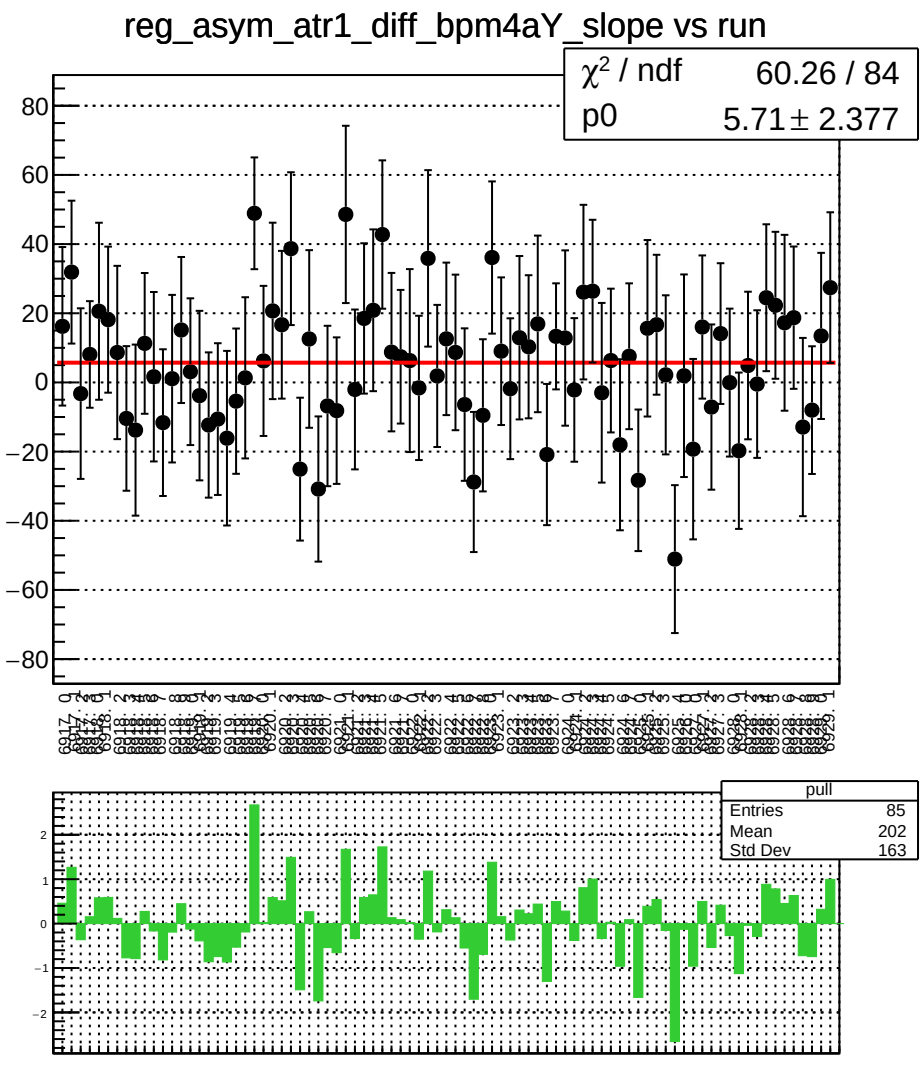

pull1D
Entries 85
Mean −0.005023
Std Dev 0.2547

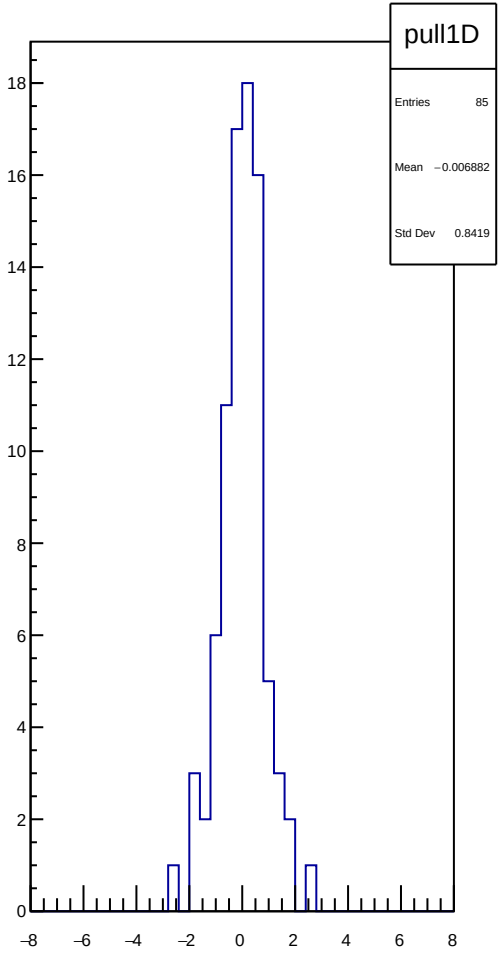

reg_asym_atl2_diff_bpm12X_slope vs run
χ² / ndf 28.81 / 84
p0 −297.3 ± 0.4661
pull
Entries 85
Mean −1165
Std Dev 1217

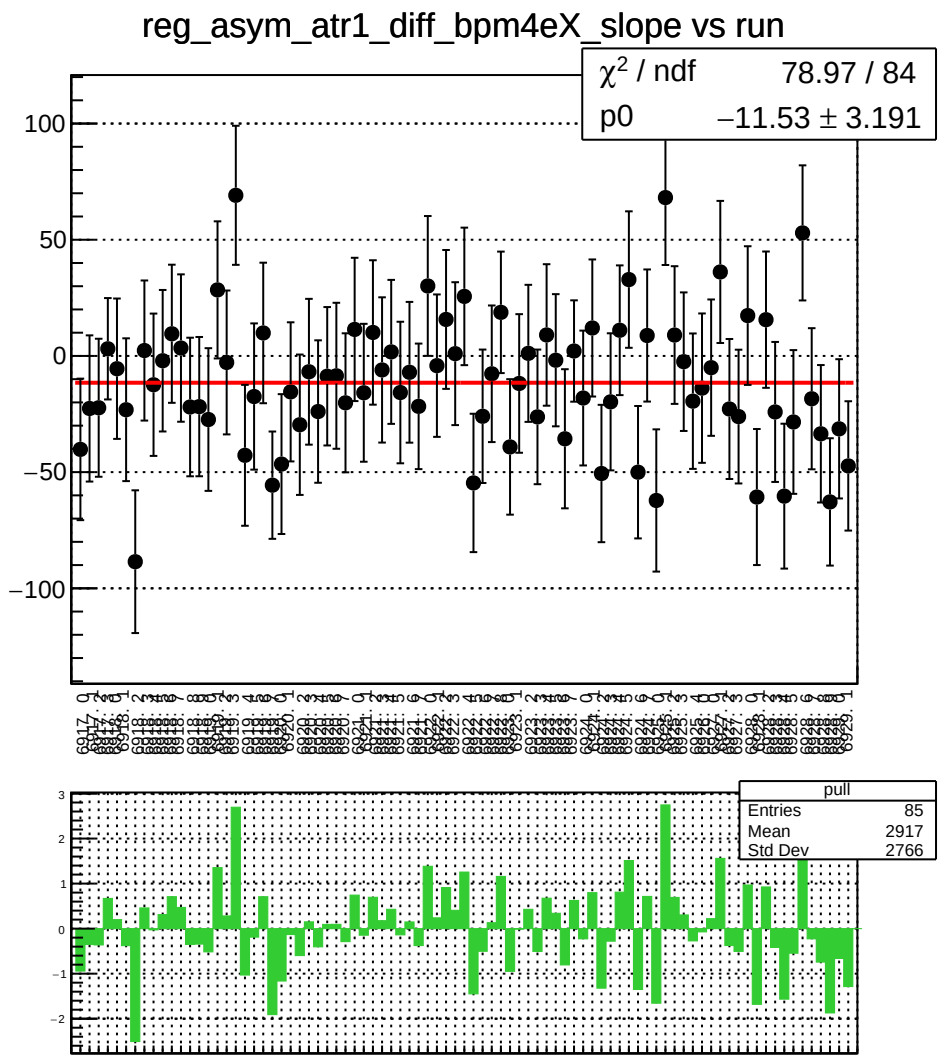

pull1D
Entries 85
Mean −0.001692
Std Dev 0.5822

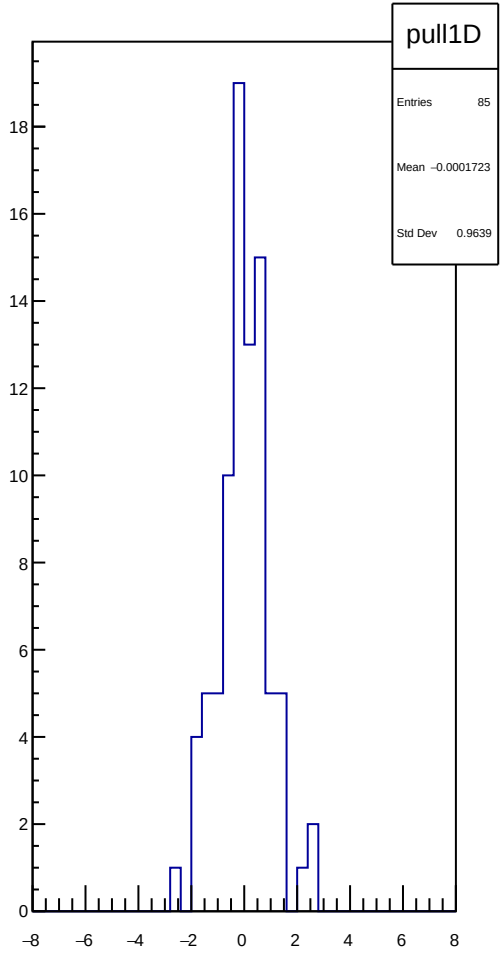

reg_asym_atr1_diff_bpm1X_slope vs run
χ² / ndf 78.16 / 84
p0 −48.06 ± 3.439
pull
Entries 85
Mean 5468
Std Dev 5301

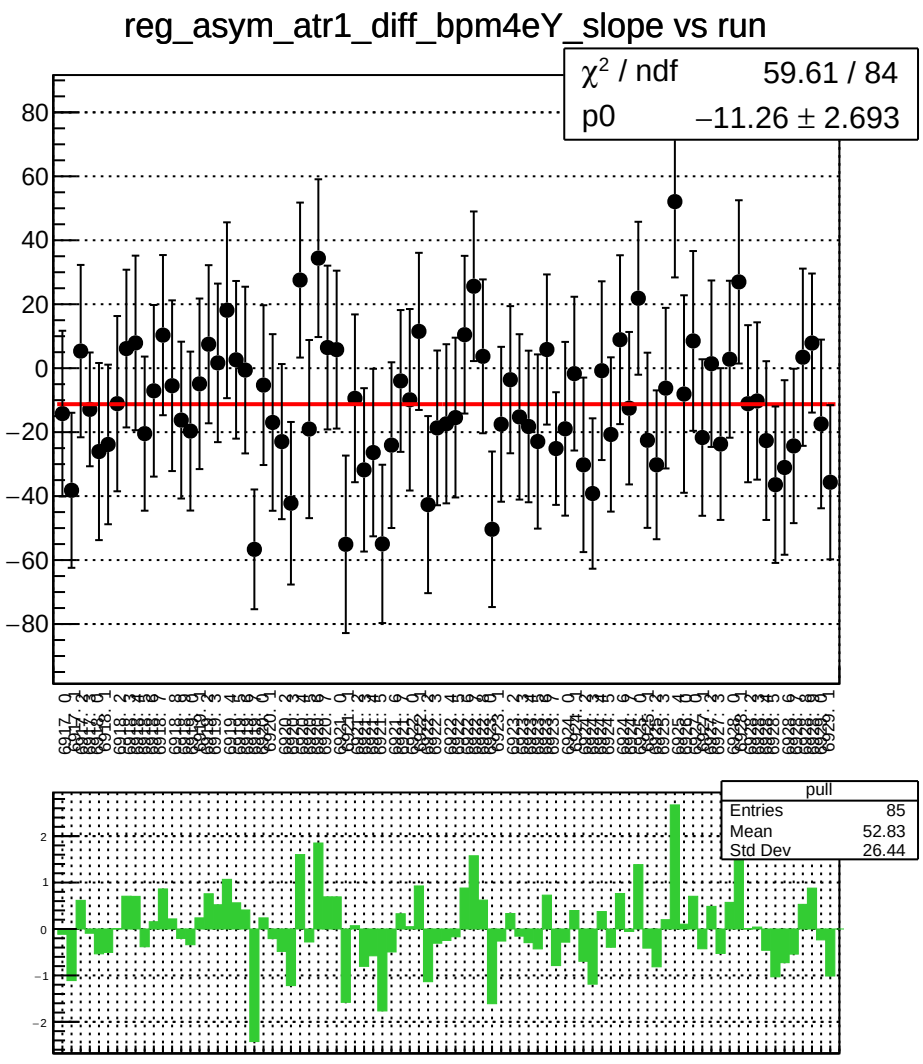

pull1D
Entries 85
Mean 7.984e−05
Std Dev 0.9589

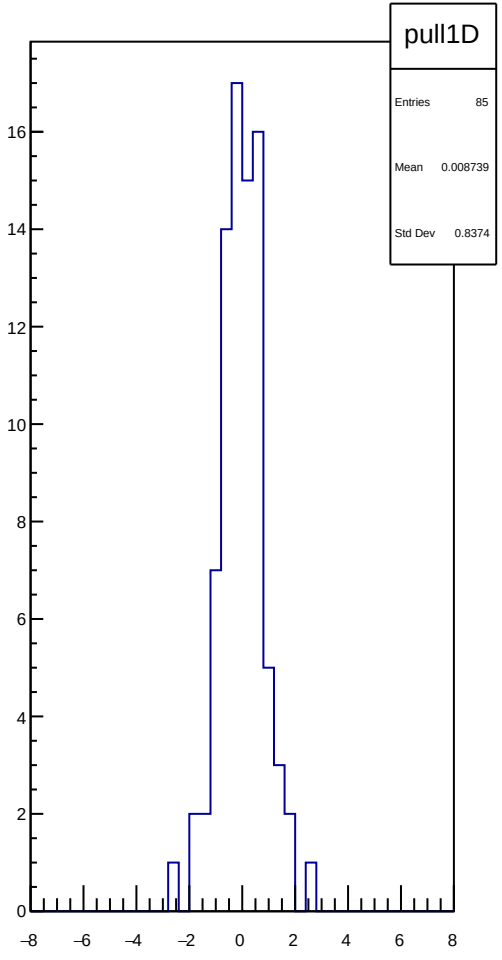

reg_asym_atr1_diff_bpm4aY_slope vs run
χ² / ndf 60.26 / 84
p0 5.71 ± 2.377
pull
Entries 85
Mean 202
Std Dev 163

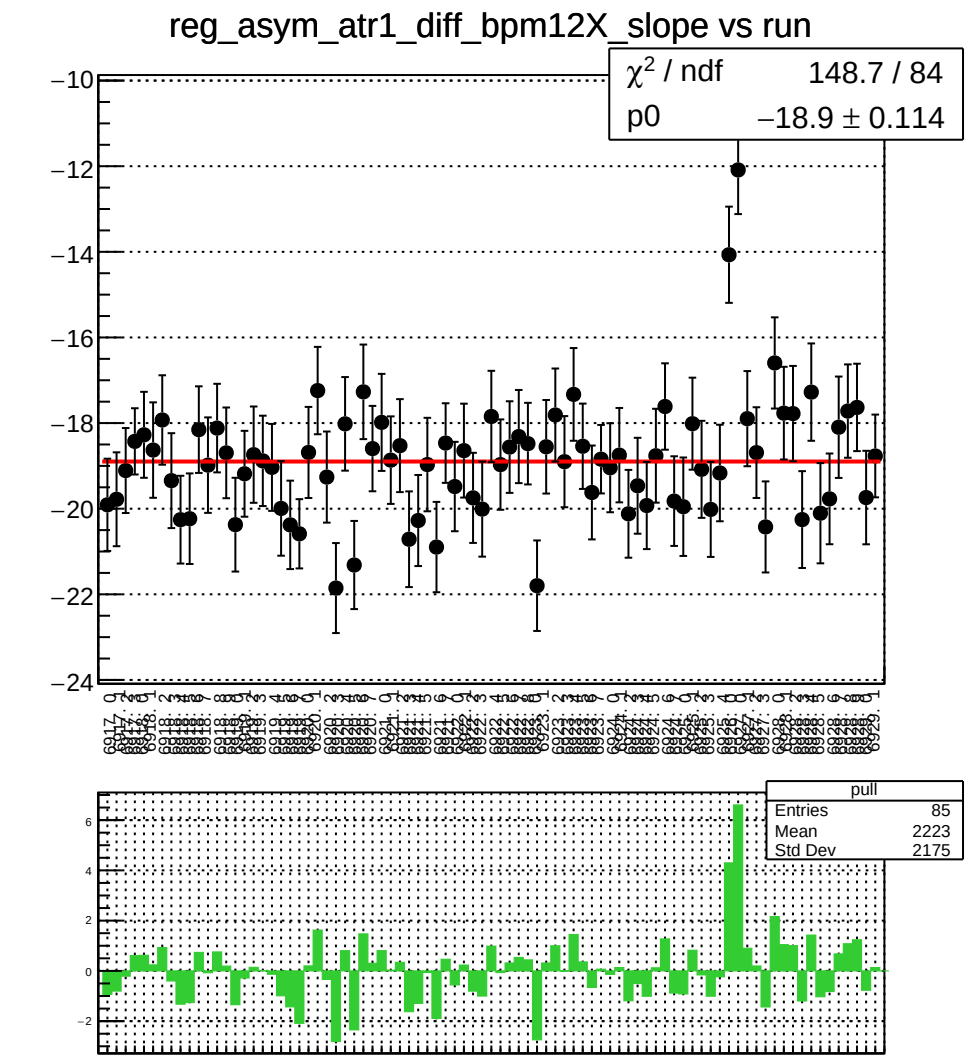

pull1D
Entries 85
Mean −0.006882
Std Dev 0.8419

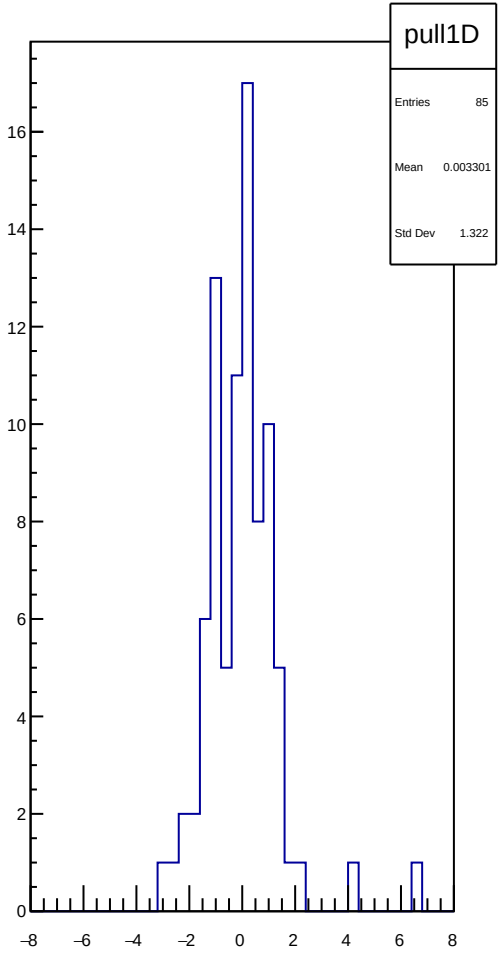

reg_asym_atr1_diff_bpm4eX_slope vs run
χ^2 / ndf 78.97 / 84
p0 −11.53 ± 3.191
100
50
0
−50
−100
pull
Entries 85
Mean 2917
Std Dev 2766
3
2
1
0
−1
−2

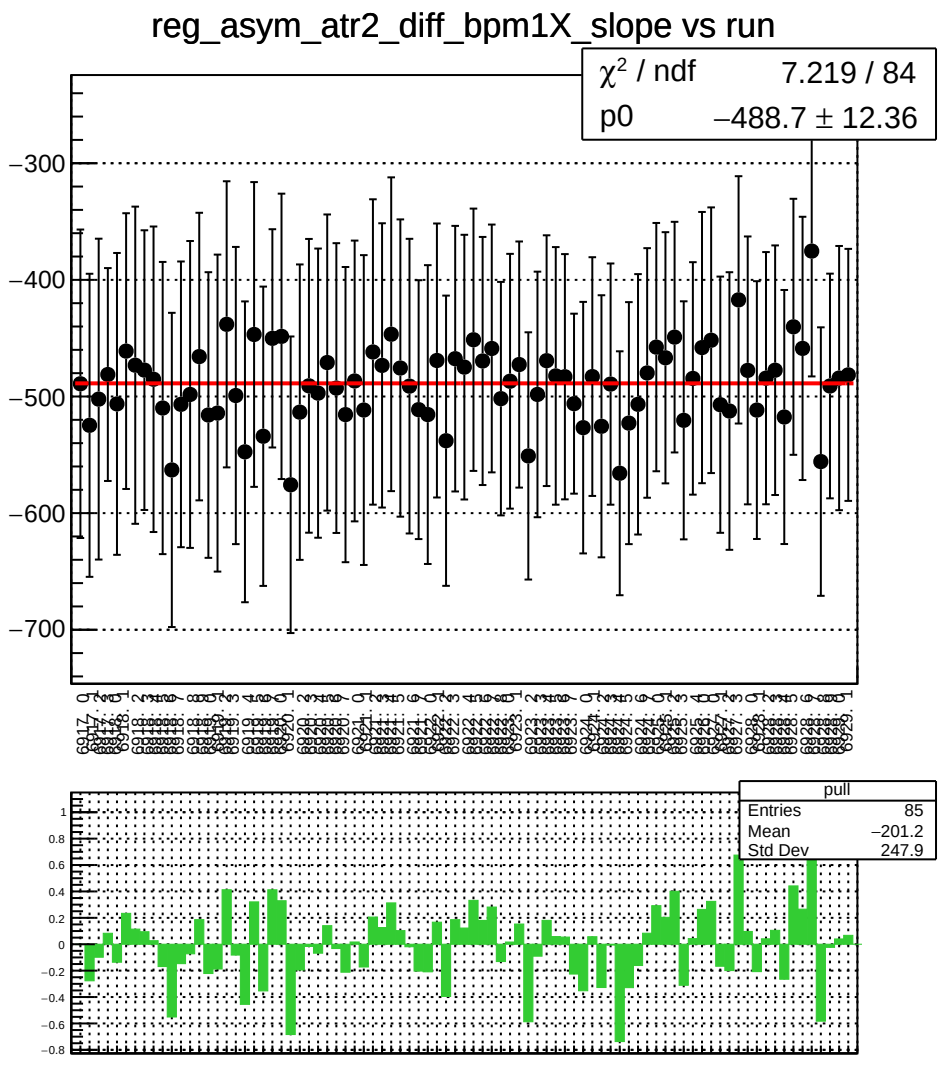

pull1D
Entries 85
Mean −0.0001723
Std Dev 0.9639
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

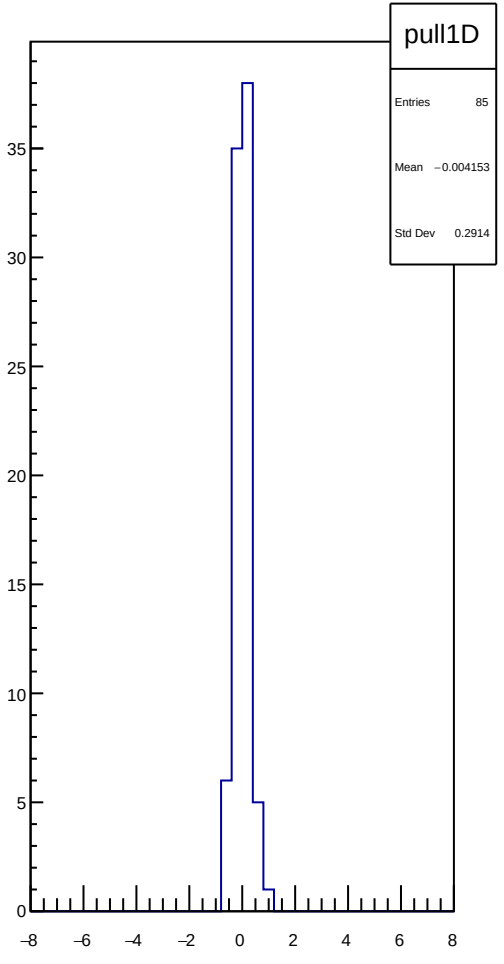

reg_asym_atr1_diff_bpm4eY_slope vs run
χ² / ndf 59.61 / 84
p0 −11.26 ± 2.693
pull
Entries 85
Mean 52.83
Std Dev 26.44

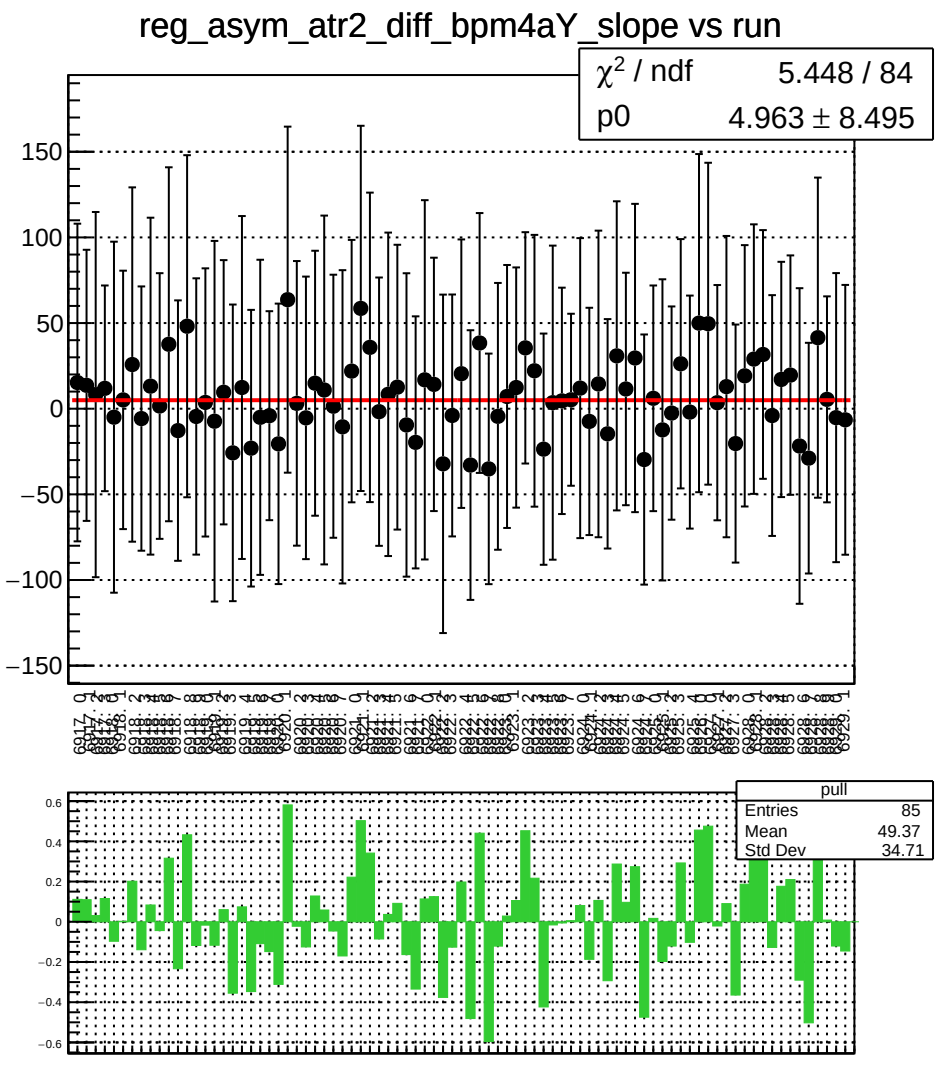

pull1D
Entries 85
Mean 0.008739
Std Dev 0.8374

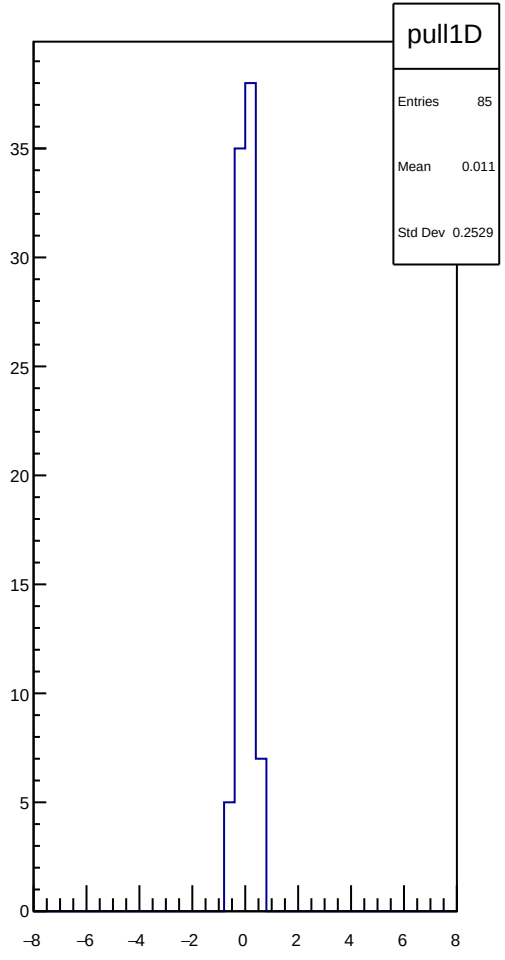

reg_asym_atr1_diff_bpm12X_slope vs run
χ² / ndf 148.7 / 84
p0 −18.9 ± 0.114
pull
Entries 85
Mean 2223
Std Dev 2175

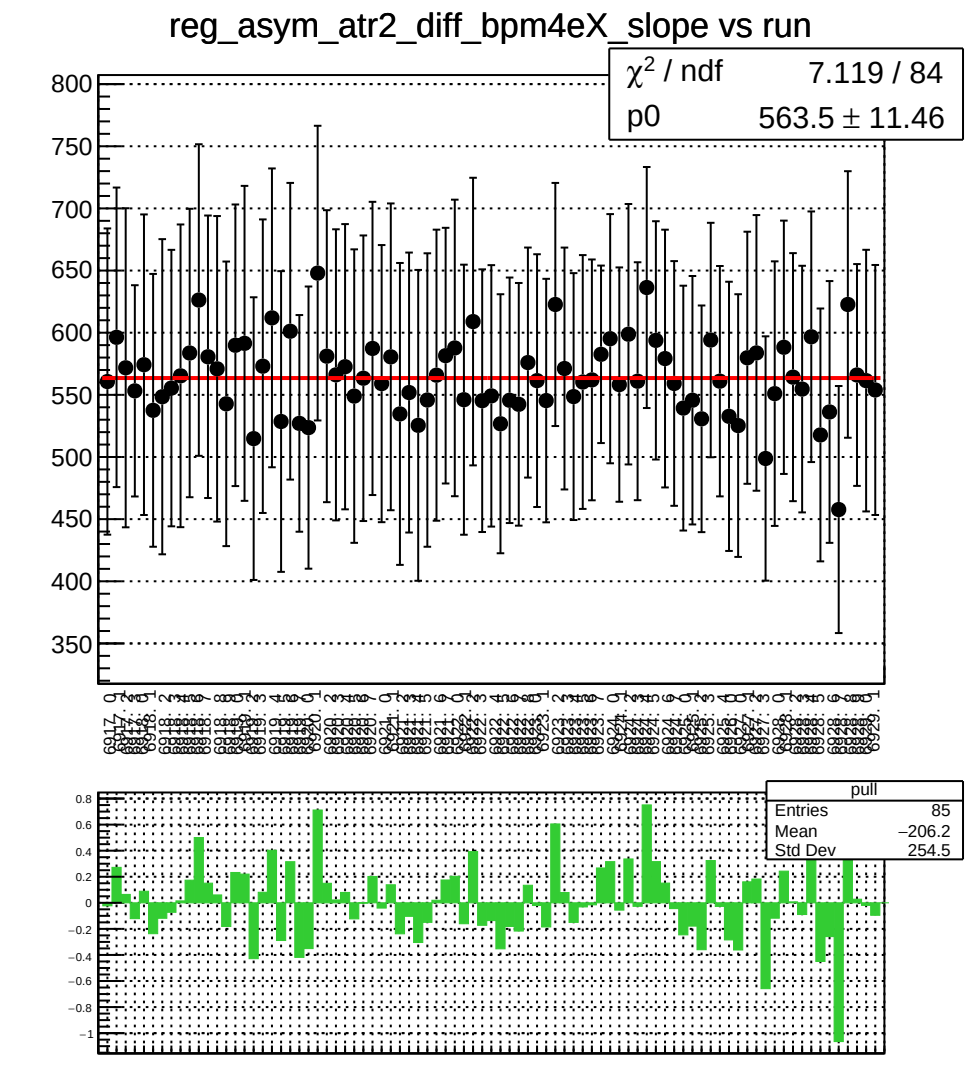

pull1D
Entries 85
Mean 0.003301
Std Dev 1.322

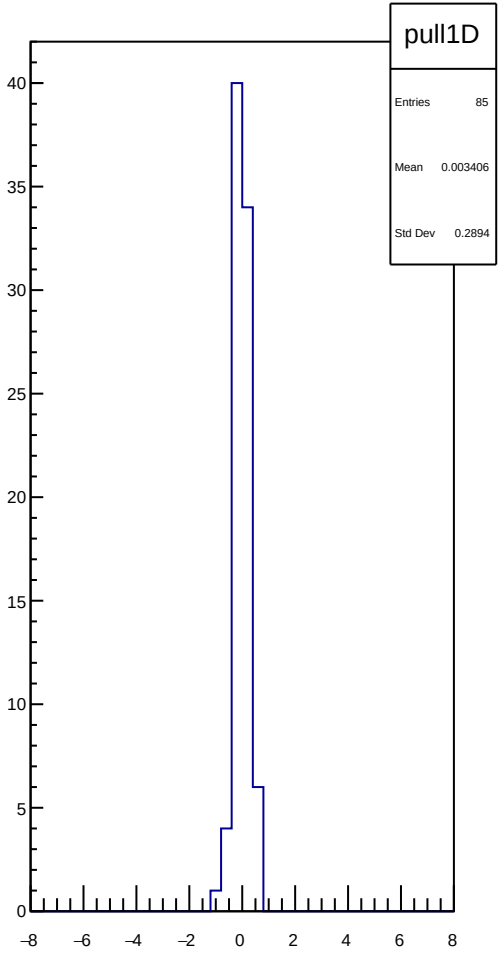

reg_asym_atr2_diff_bpm1X_slope vs run
χ² / ndf 7.219 / 84
p0 −488.7 ± 12.36
−300
−400
−500
−600
−700
pull
Entries 85
Mean −201.2
Std Dev 247.9
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

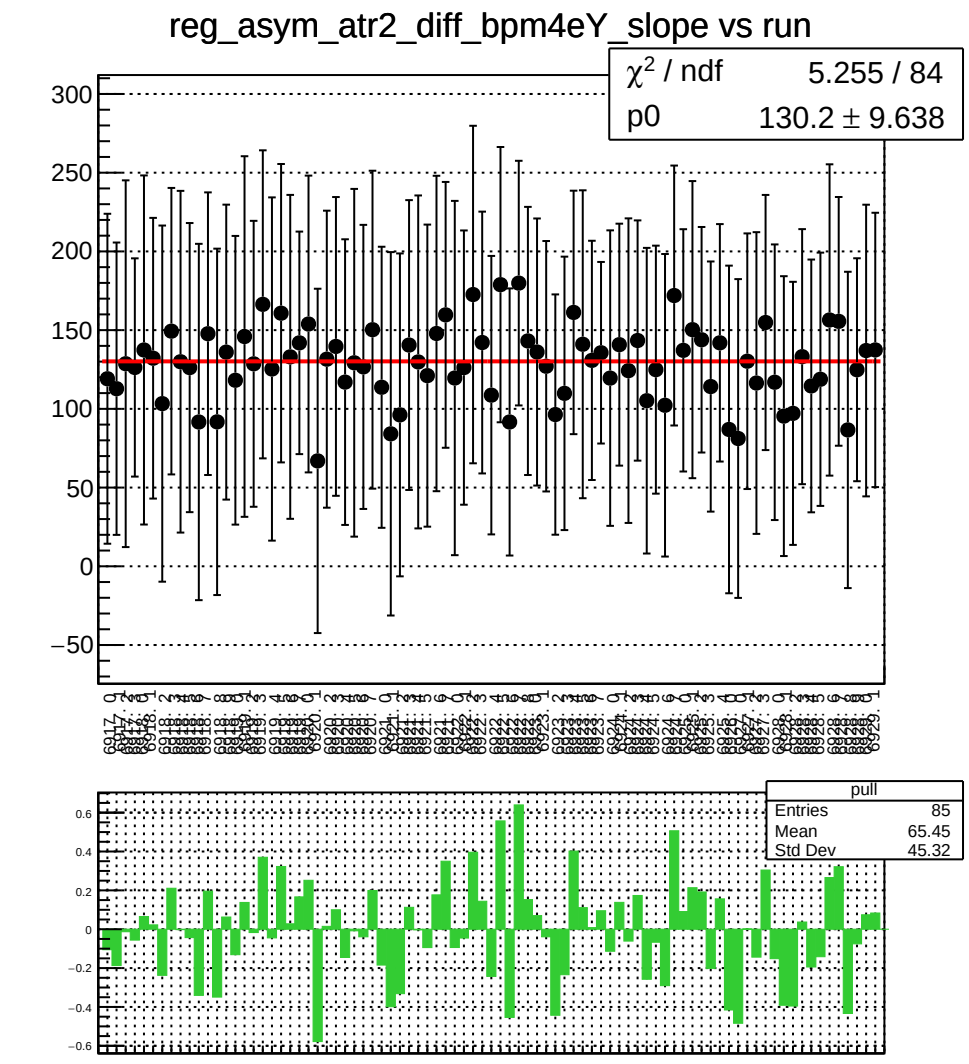

pull1D
Entries 85
Mean −0.004153
Std Dev 0.2914
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

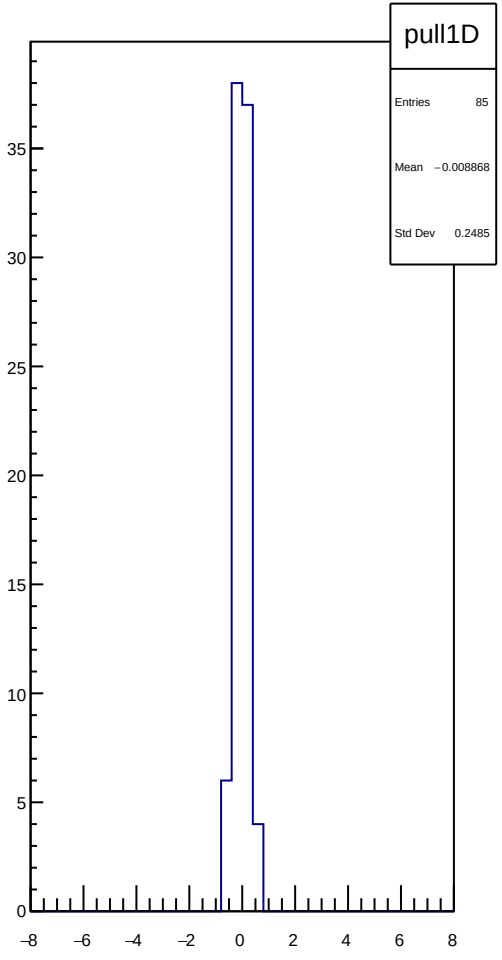

reg_asym_atr2_diff_bpm4aY_slope vs run
χ² / ndf 5.448 / 84
p0 4.963 ± 8.495
150
100
50
0
−50
−100
−150
pull
Entries 85
Mean 49.37
Std Dev 34.71
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

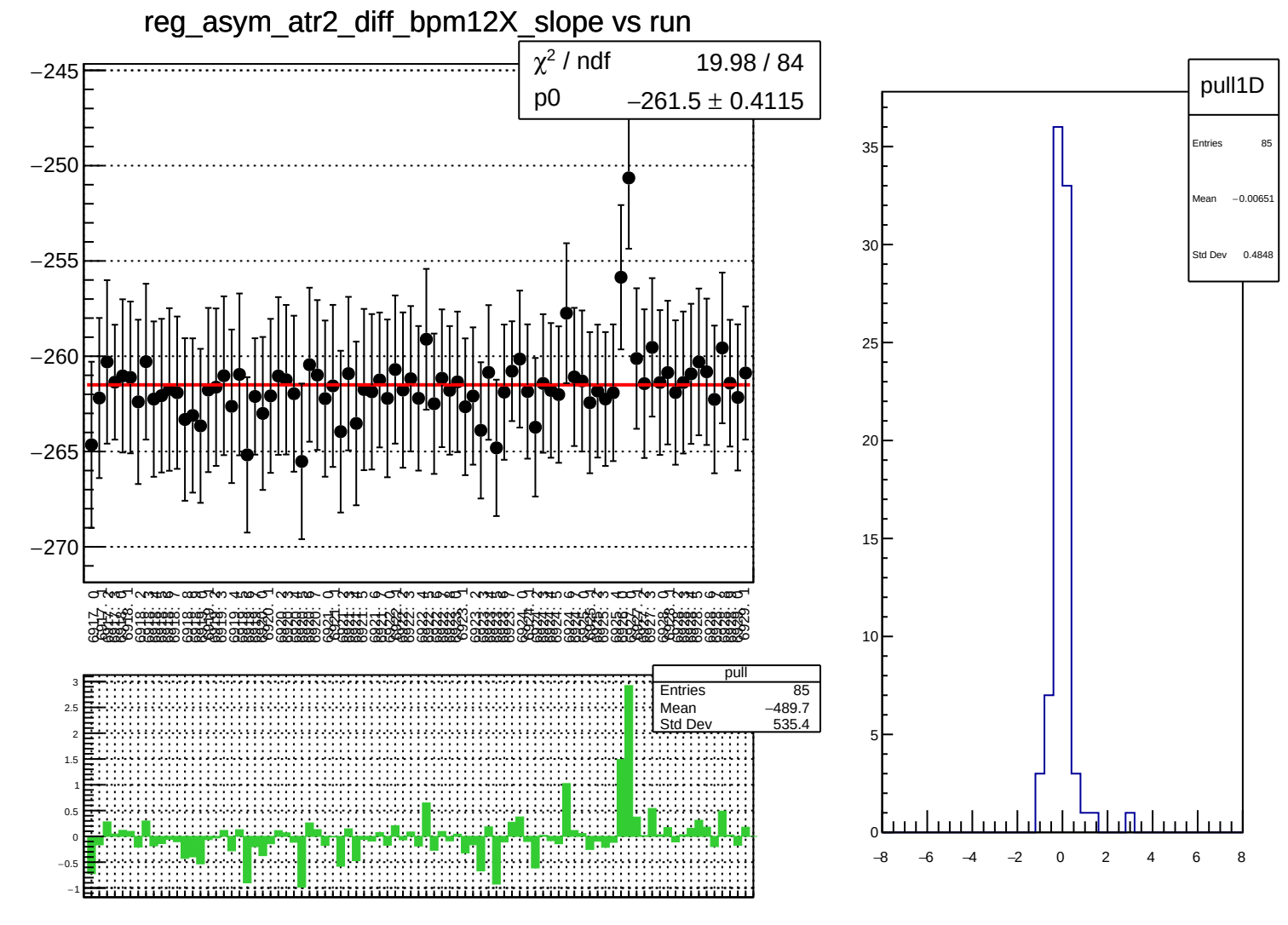

pull1D
Entries 85
Mean 0.011
Std Dev 0.2529
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

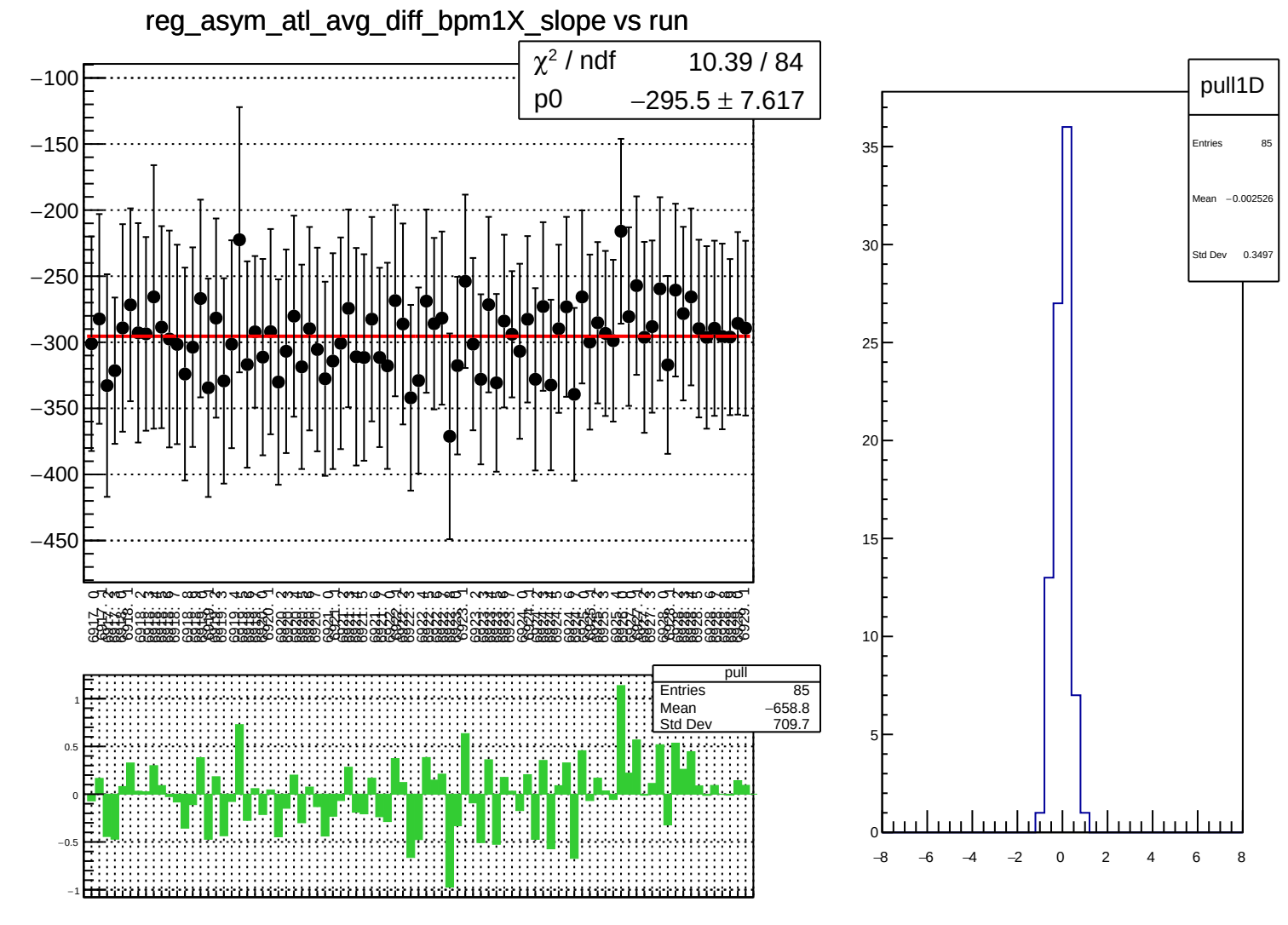

reg_asym_atr2_diff_bpm4eX_slope vs run
χ² / ndf 7.119 / 84
p0 563.5 ± 11.46
pull
Entries 85
Mean −206.2
Std Dev 254.5

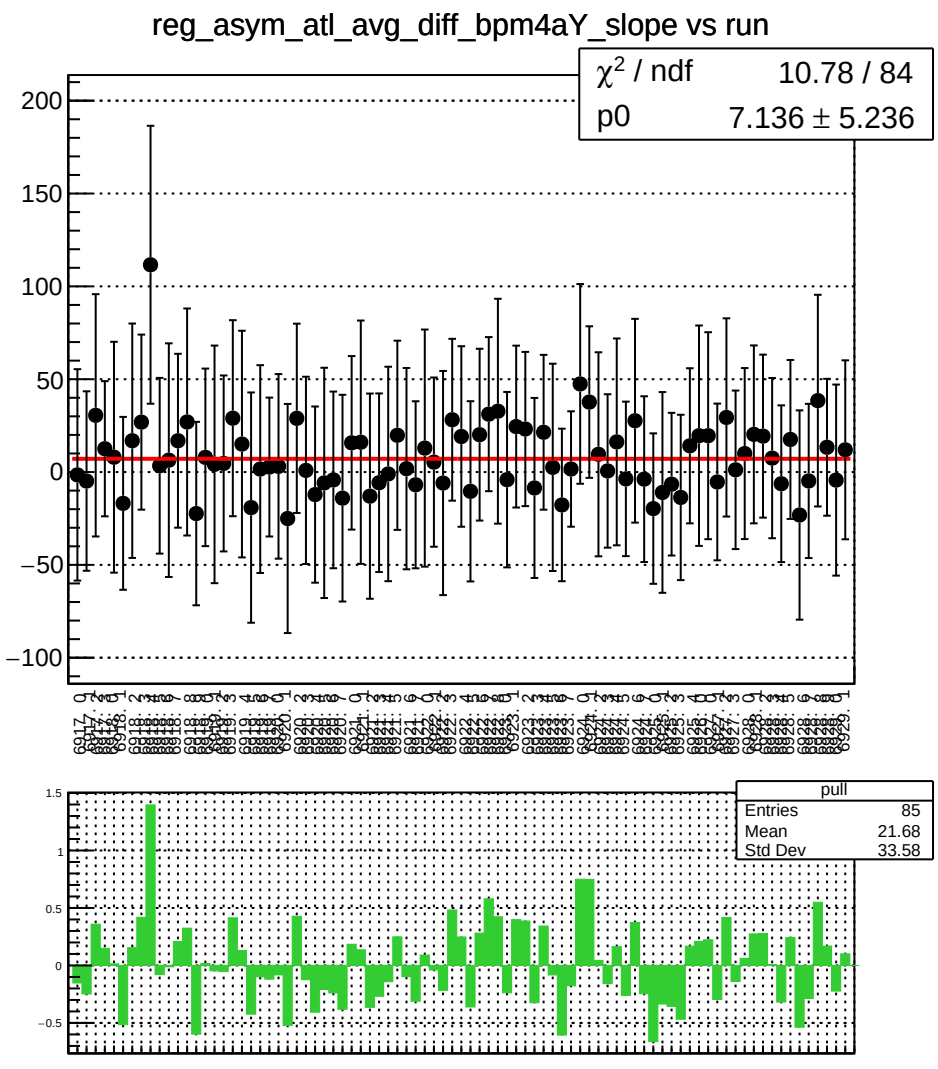

pull1D
Entries 85
Mean 0.003406
Std Dev 0.2894

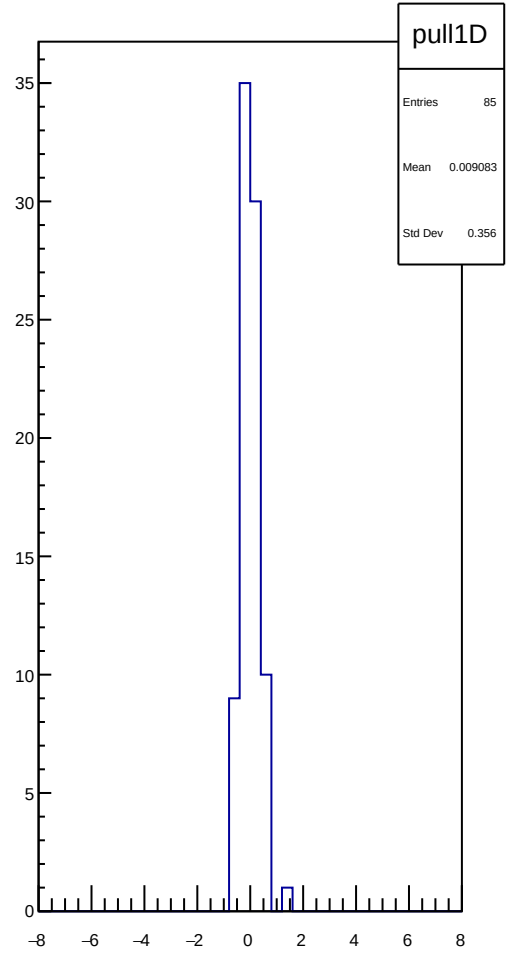

reg_asym_atr2_diff_bpm4eY_slope vs run
χ² / ndf 5.255 / 84
p0 130.2 ± 9.638
pull
Entries 85
Mean 65.45
Std Dev 45.32

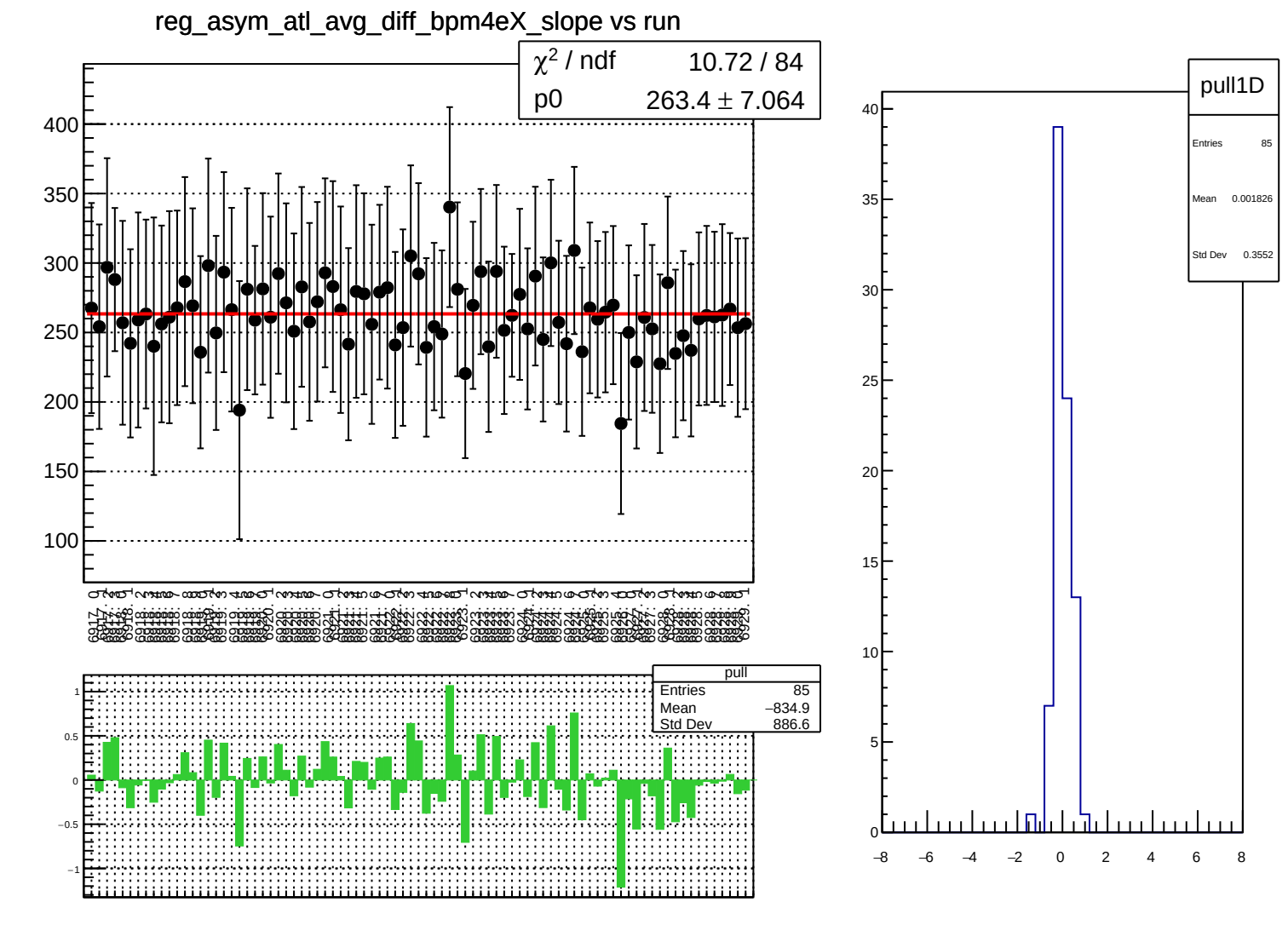

pull1D
Entries 85
Mean −0.008868
Std Dev 0.2485

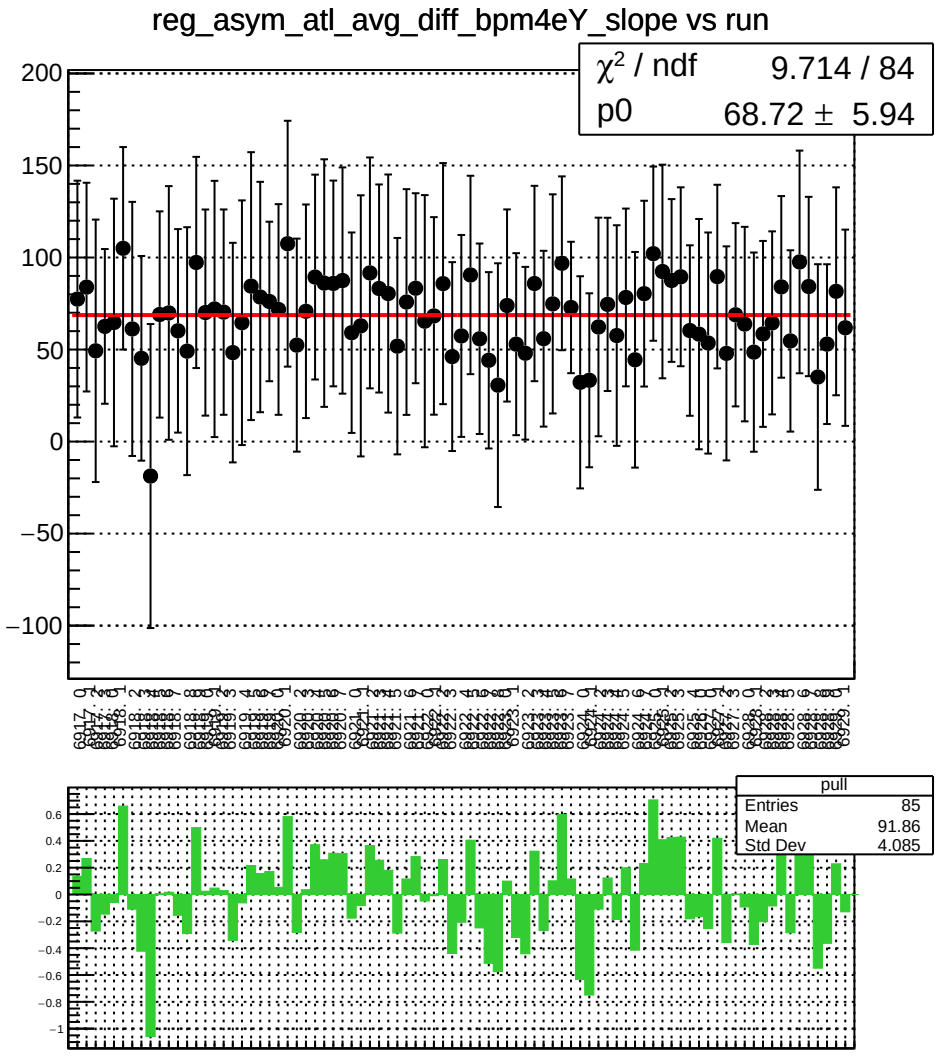

reg_asym_atr2_diff_bpm12X_slope vs run
χ² / ndf 19.98 / 84
p0 −261.5 ± 0.4115
−245
−250
−255
−260
−265
−270
pull
Entries 85
Mean −489.7
Std Dev 535.4
3
2.5
2
1.5
1
0.5
0
−0.5
−1
pull1D
Entries 85
Mean −0.00651
Std Dev 0.4848
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

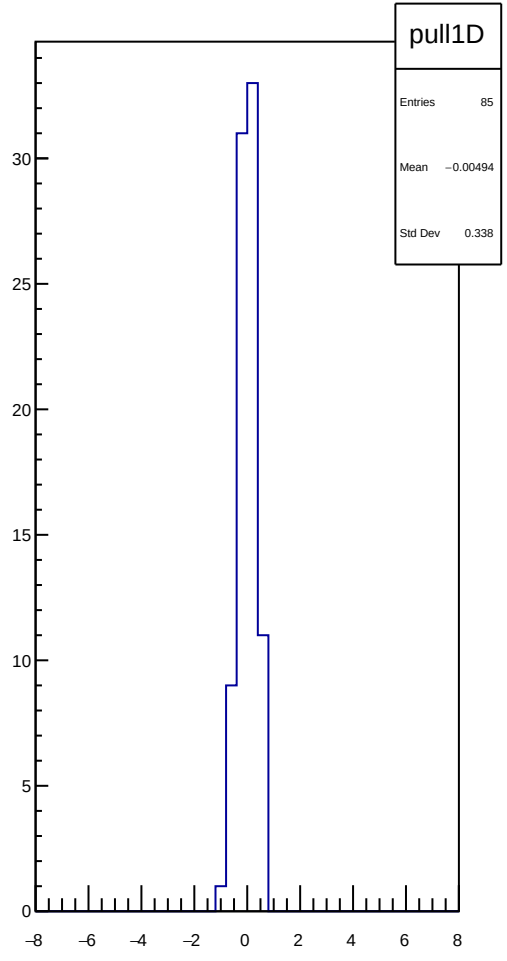

reg_asym_atl_avg_diff_bpm1X_slope vs run
χ² / ndf 10.39 / 84
p0 −295.5 ± 7.617
pull
Entries 85
Mean −658.8
Std Dev 709.7
pull1D
Entries 85
Mean −0.002526
Std Dev 0.3497

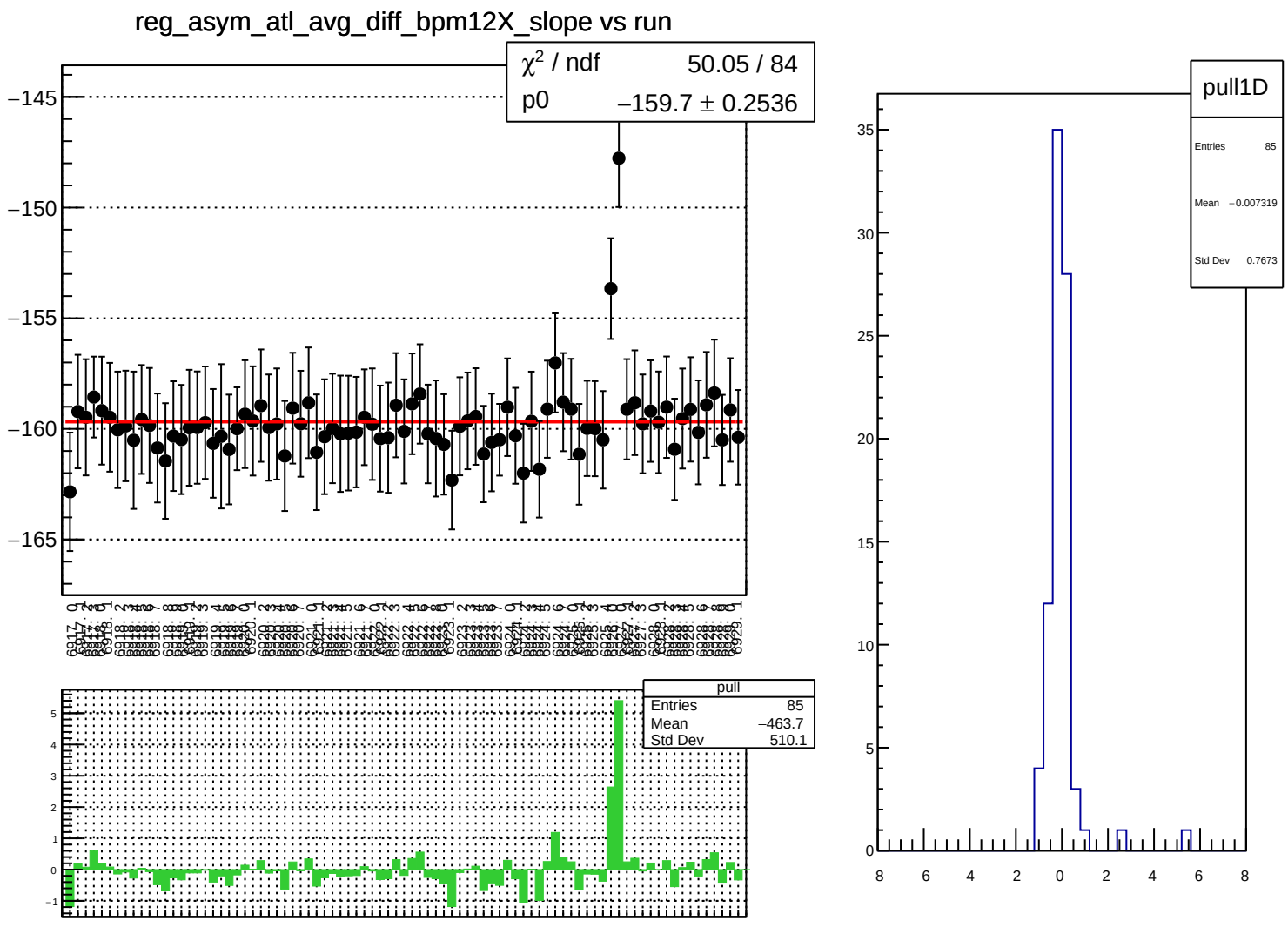

reg_asym_atl_avg_diff_bpm4aY_slope vs run
χ² / ndf 10.78 / 84
p0 7.136 ± 5.236
pull
Entries 85
Mean 21.68
Std Dev 33.58

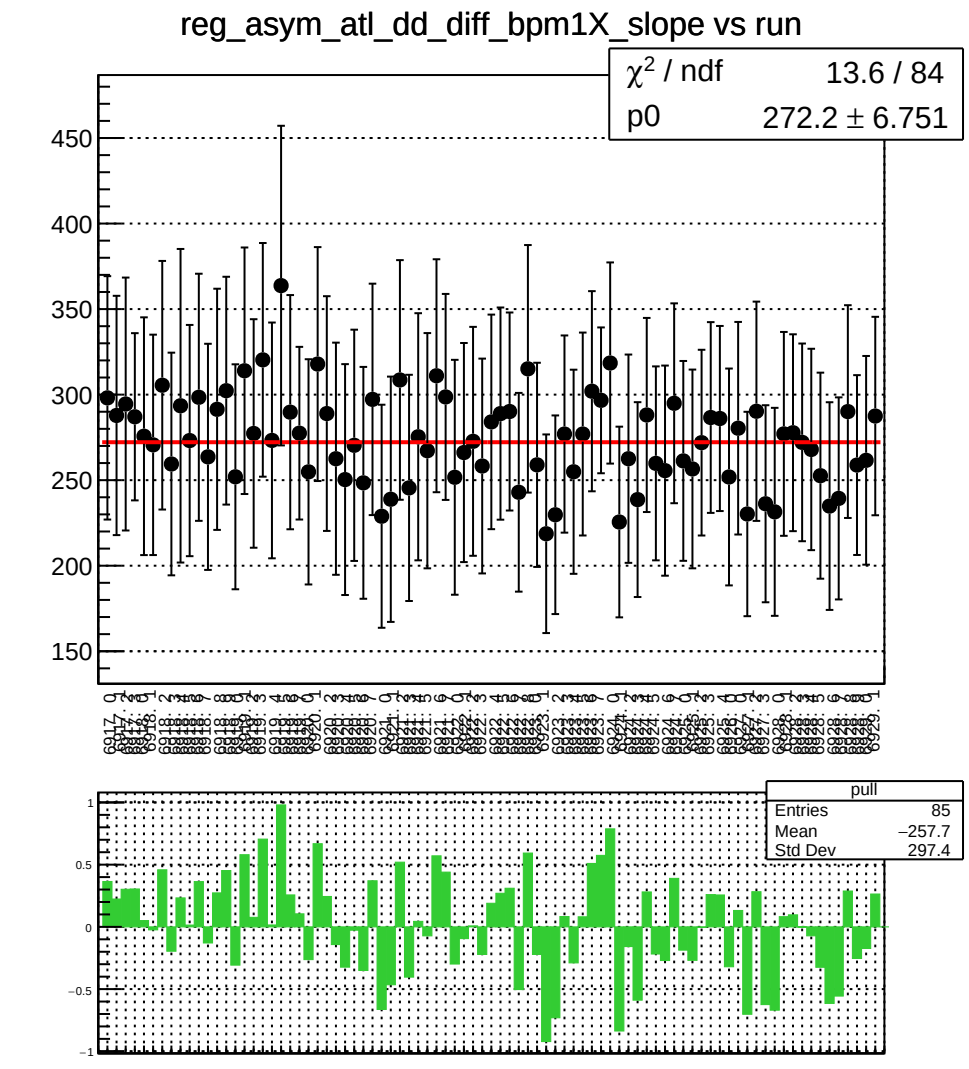

pull1D
Entries 85
Mean 0.009083
Std Dev 0.356

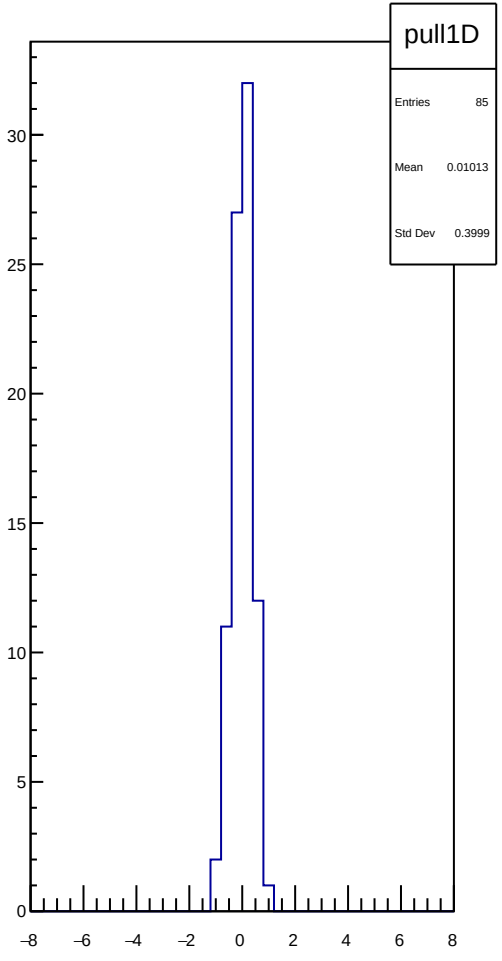

reg_asym_atl_avg_diff_bpm4eX_slope vs run
χ² / ndf 10.72 / 84
p0 263.4 ± 7.064
pull
Entries 85
Mean −834.9
Std Dev 886.6
pull1D
Entries 85
Mean 0.001826
Std Dev 0.3552

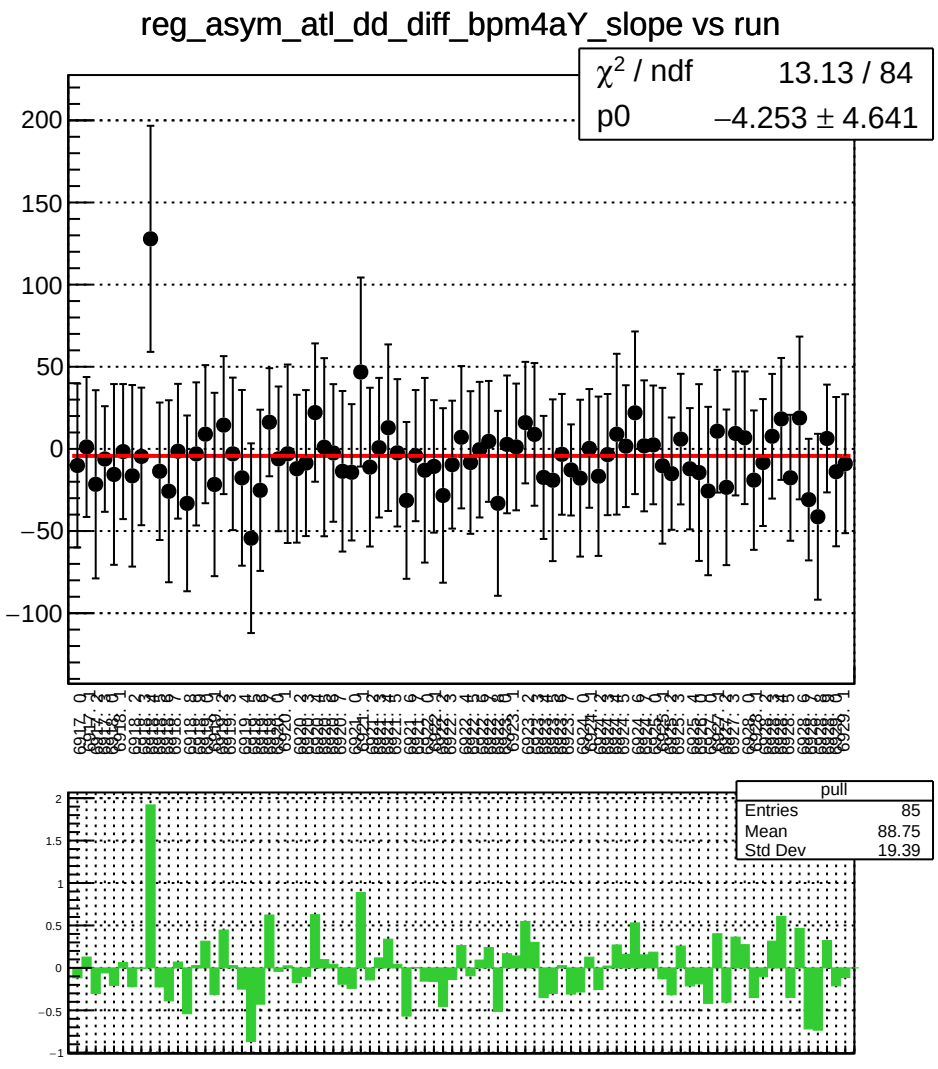

reg_asym_atl_avg_diff_bpm4eY_slope vs run
χ² / ndf 9.714 / 84
p0 68.72 ± 5.94
pull
Entries 85
Mean 91.86
Std Dev 4.085

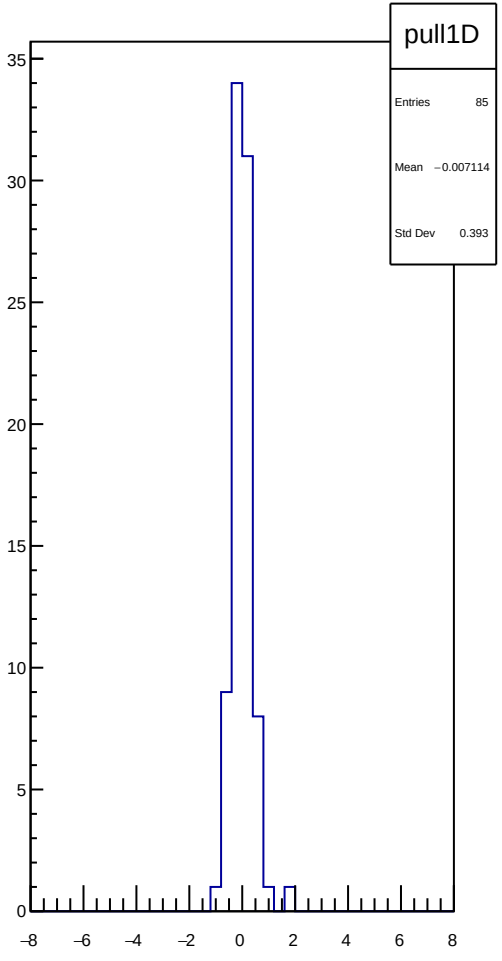

pull1D
Entries 85
Mean −0.00494
Std Dev 0.338

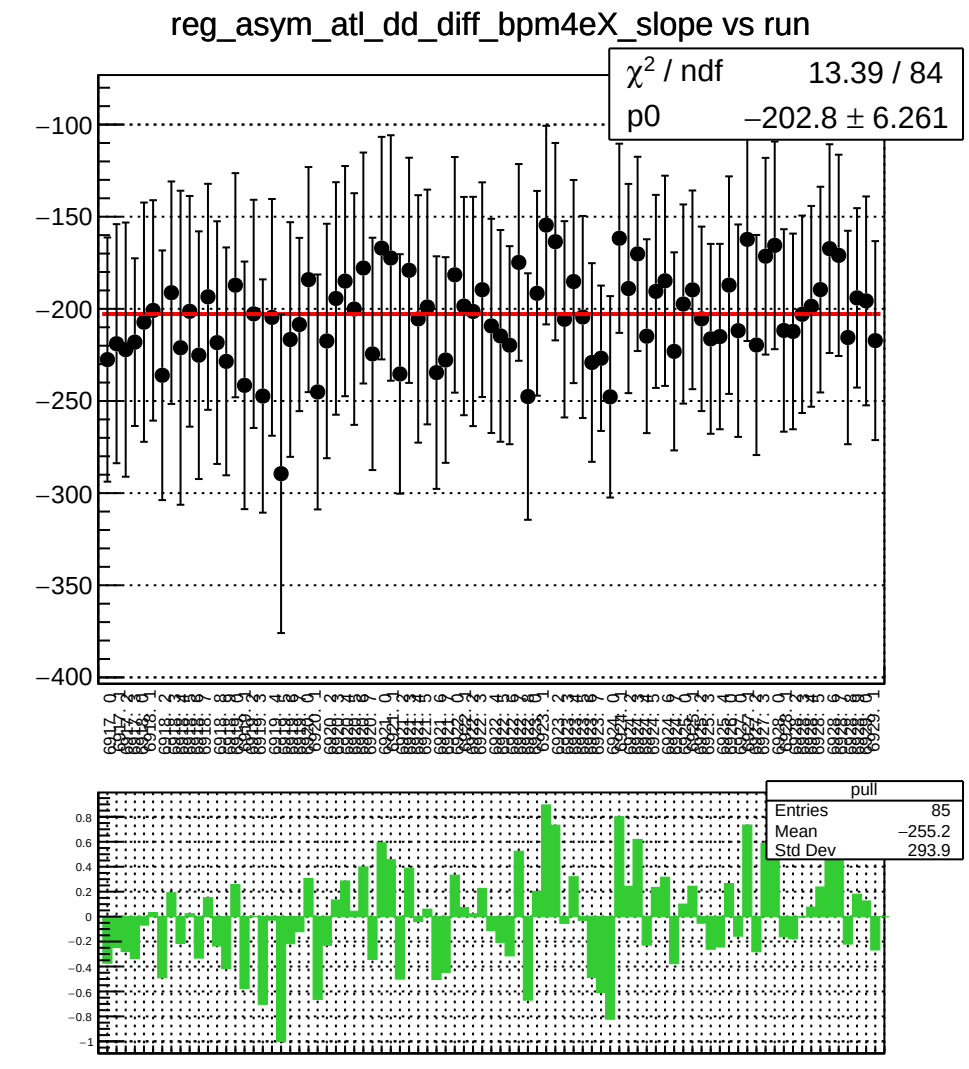

reg_asym_atl_avg_diff_bpm12X_slope vs run
χ² / ndf 50.05 / 84
p0 −159.7 ± 0.2536
−145
−150
−155
−160
−165
pull
Entries 85
Mean −463.7
Std Dev 510.1
pull1D
Entries 85
Mean −0.007319
Std Dev 0.7673

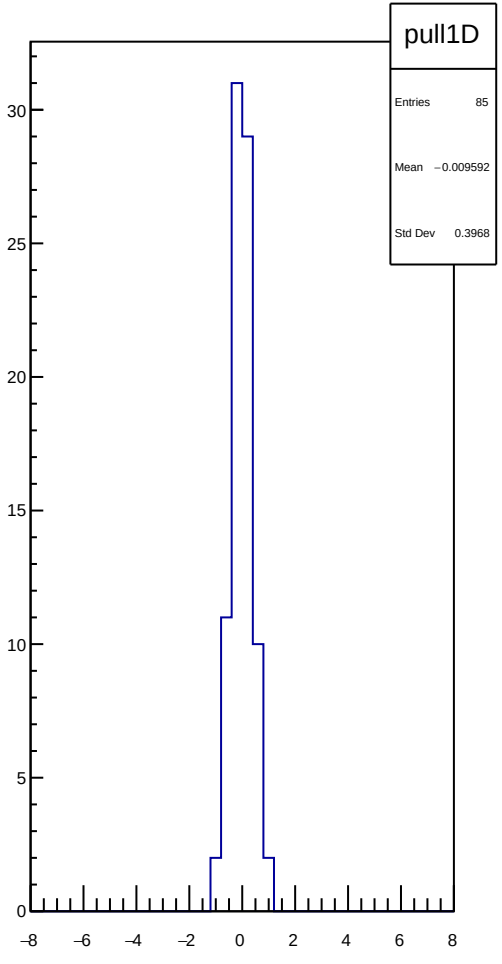

reg_asym_atl_dd_diff_bpm1X_slope vs run
χ² / ndf 13.6 / 84
p0 272.2 ± 6.751
pull
Entries 85
Mean −257.7
Std Dev 297.4

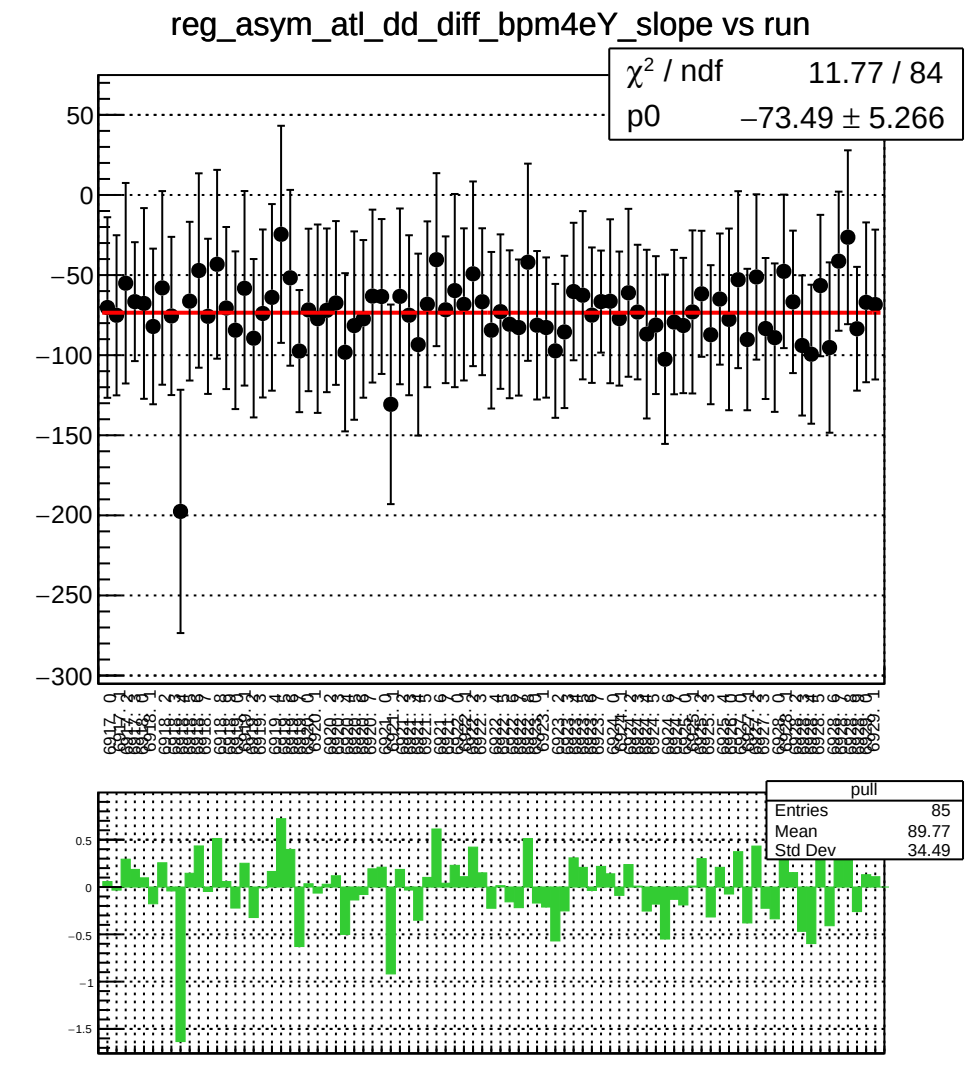

pull1D
Entries 85
Mean 0.01013
Std Dev 0.3999

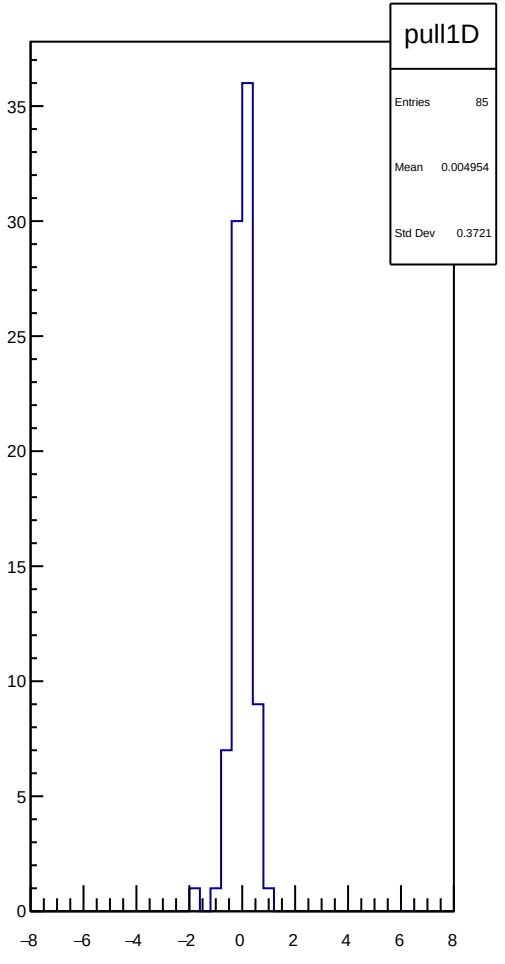

reg_asym_atl_dd_diff_bpm4aY_slope vs run
χ² / ndf 13.13 / 84
p0 −4.253 ± 4.641
pull
Entries 85
Mean 88.75
Std Dev 19.39

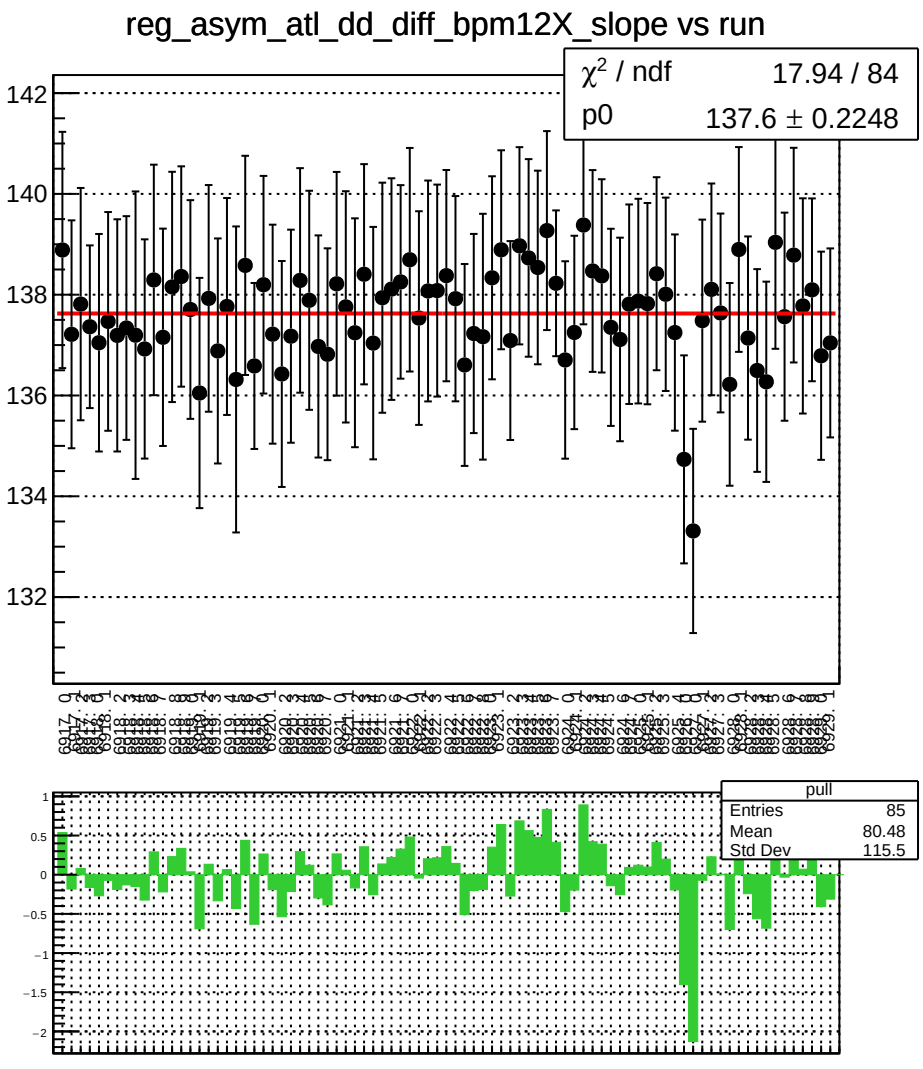

pull1D
Entries 85
Mean −0.007114
Std Dev 0.393

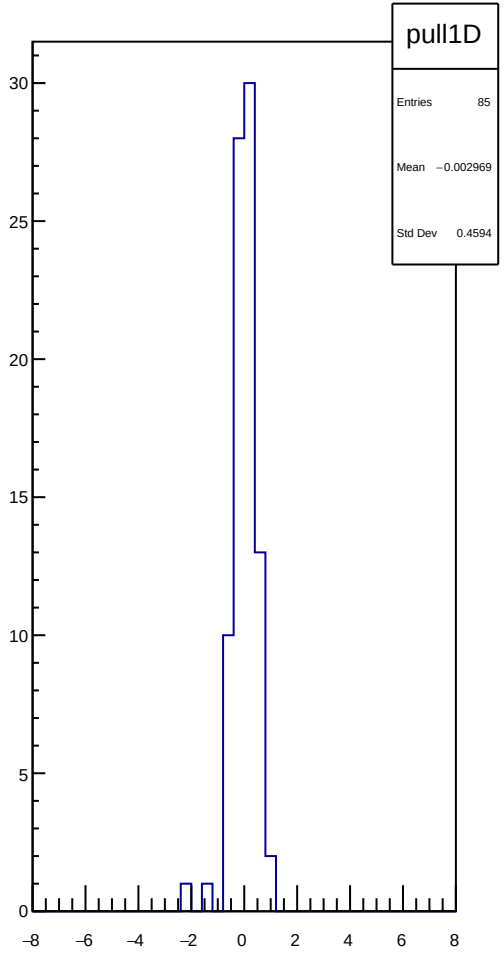

reg_asym_atl_dd_diff_bpm4eX_slope vs run
χ² / ndf 13.39 / 84
p0 −202.8 ± 6.261
pull
Entries 85
Mean −255.2
Std Dev 293.9

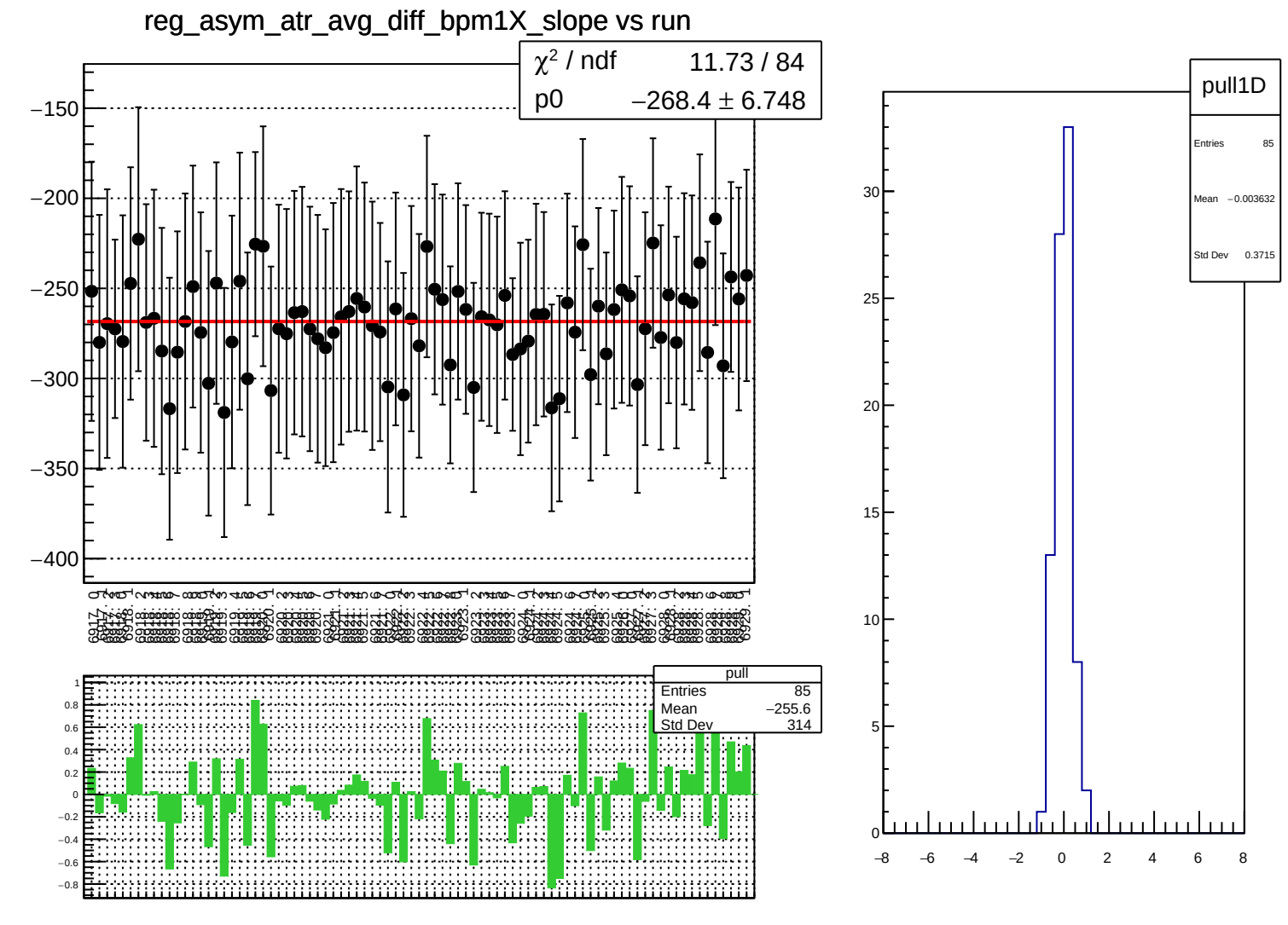

pull1D
Entries 85
Mean −0.009592
Std Dev 0.3968

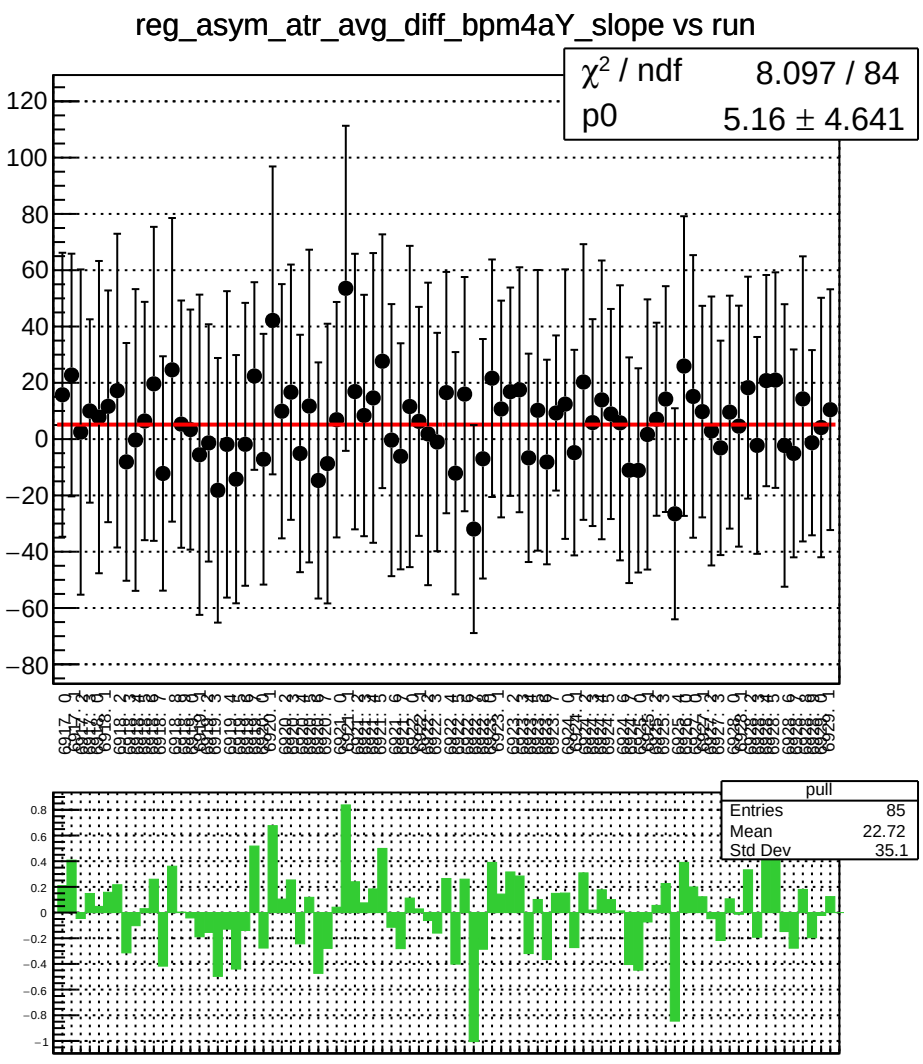

reg_asym_atl_dd_diff_bpm4eY_slope vs run
χ² / ndf 11.77 / 84
p0 −73.49 ± 5.266
pull
Entries 85
Mean 89.77
Std Dev 34.49

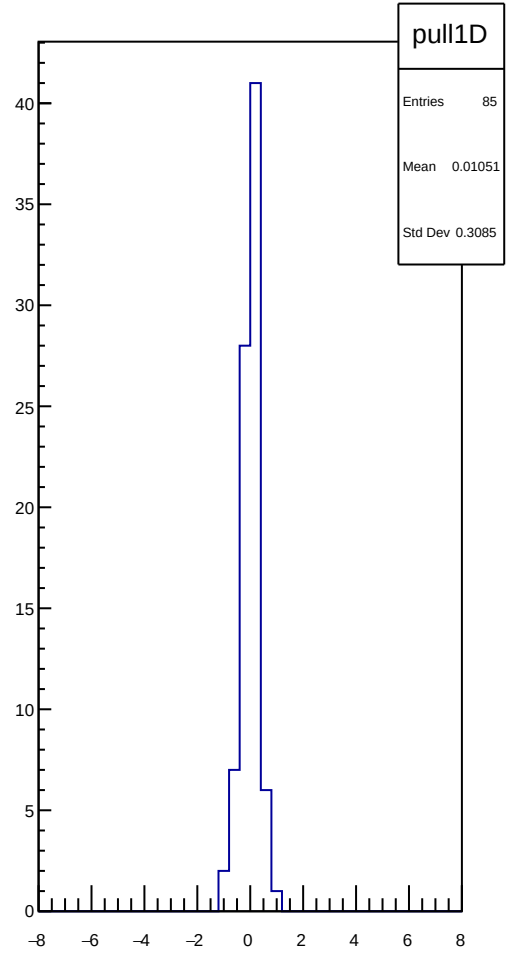

pull1D
Entries 85
Mean 0.004954
Std Dev 0.3721

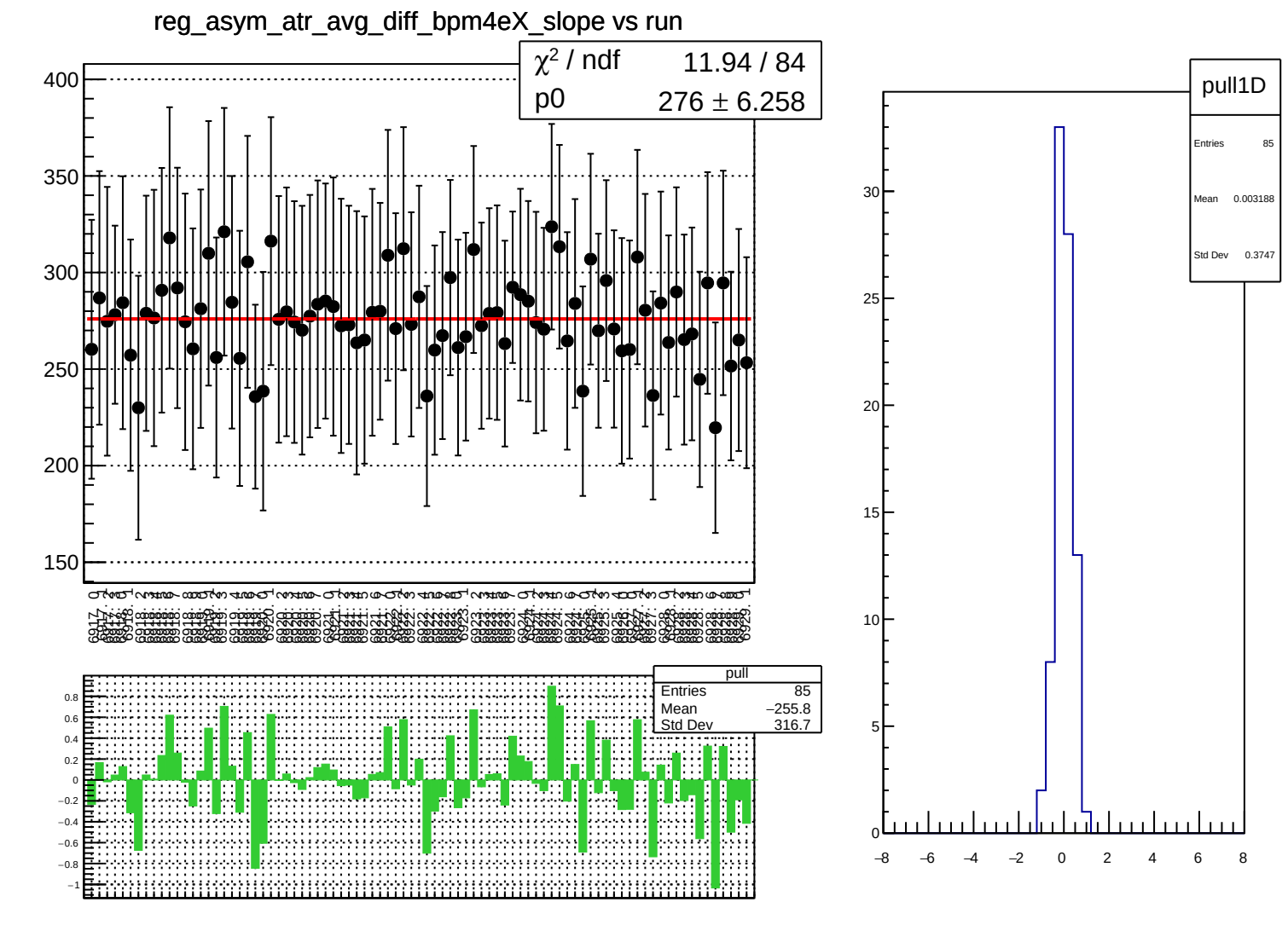

reg_asym_atl_dd_diff_bpm12X_slope vs run
χ² / ndf 17.94 / 84
p0 137.6 ± 0.2248
142
140
138
136
134
132
pull
Entries 85
Mean 80.48
Std Dev 115.5
1
0.5
0
−0.5
−1
−1.5
−2

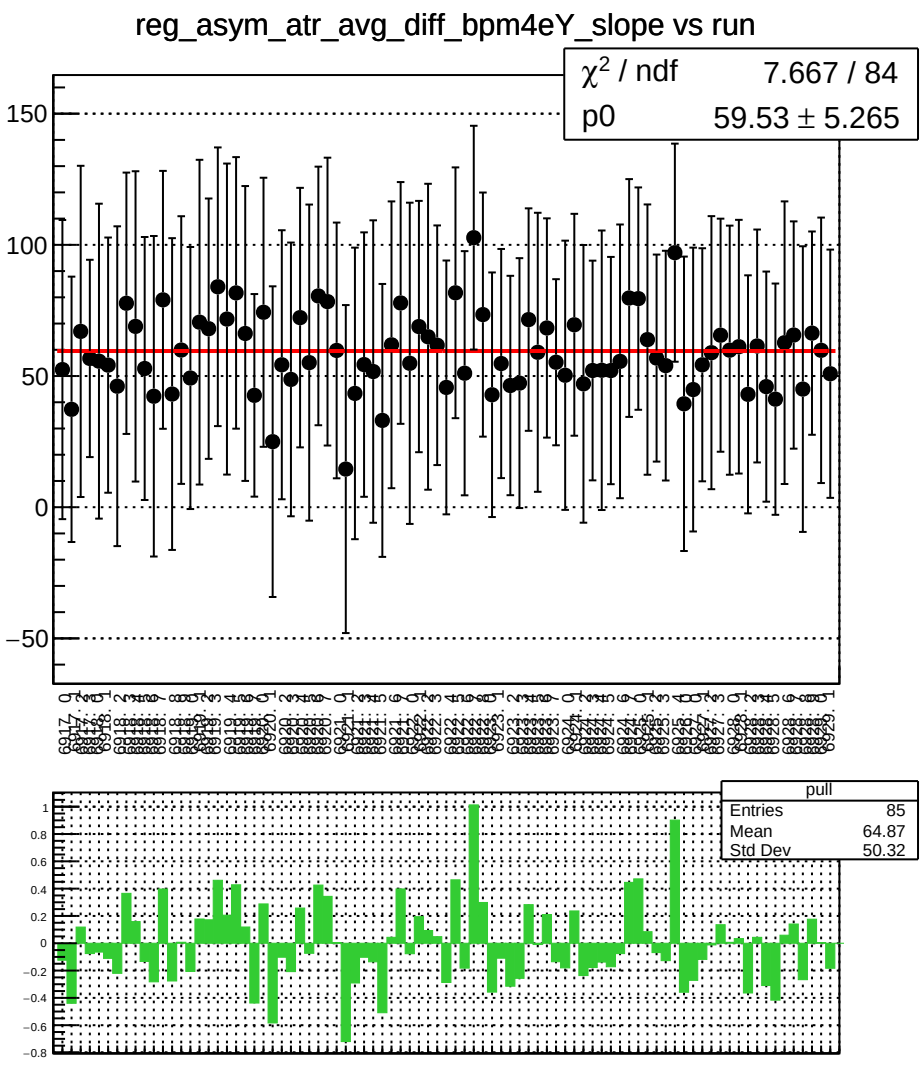

pull1D
Entries 85
Mean −0.002969
Std Dev 0.4594
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

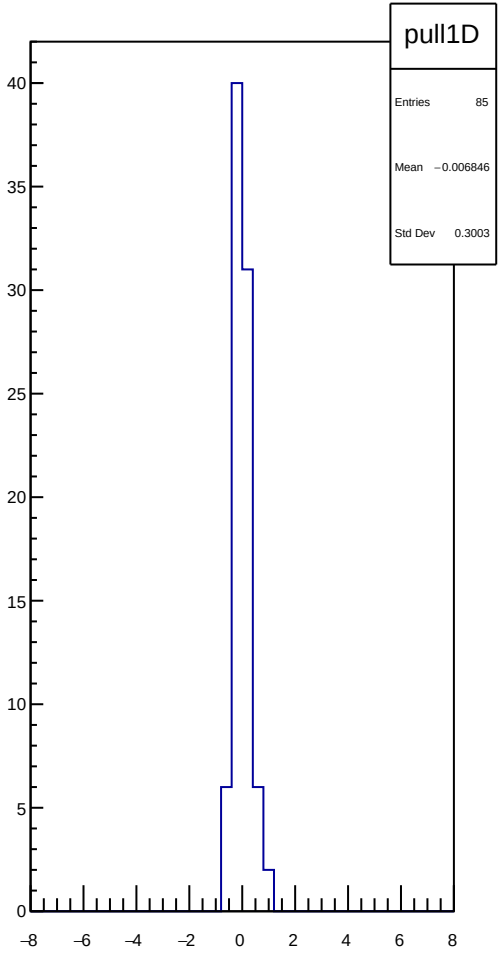

reg_asym_atr_avg_diff_bpm1X_slope vs run
χ² / ndf 11.73 / 84
p0 −268.4 ± 6.748
−150
−200
−250
−300
−350
−400
pull
Entries 85
Mean −255.6
Std Dev 314
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 85
Mean −0.003632
Std Dev 0.3715
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

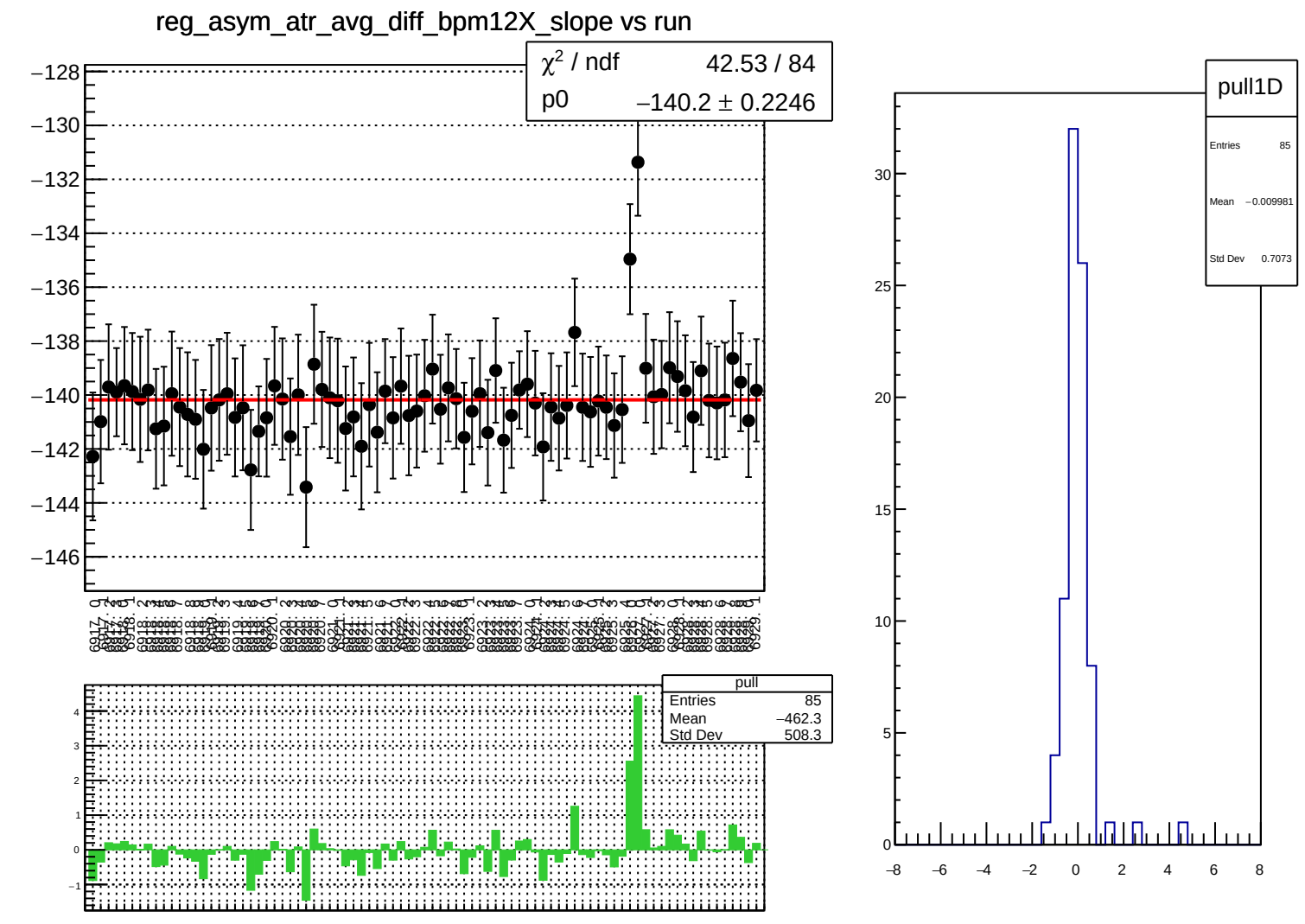

reg_asym_atr_avg_diff_bpm4aY_slope vs run
χ² / ndf 8.097 / 84
p0 5.16 ± 4.641
pull
Entries 85
Mean 22.72
Std Dev 35.1

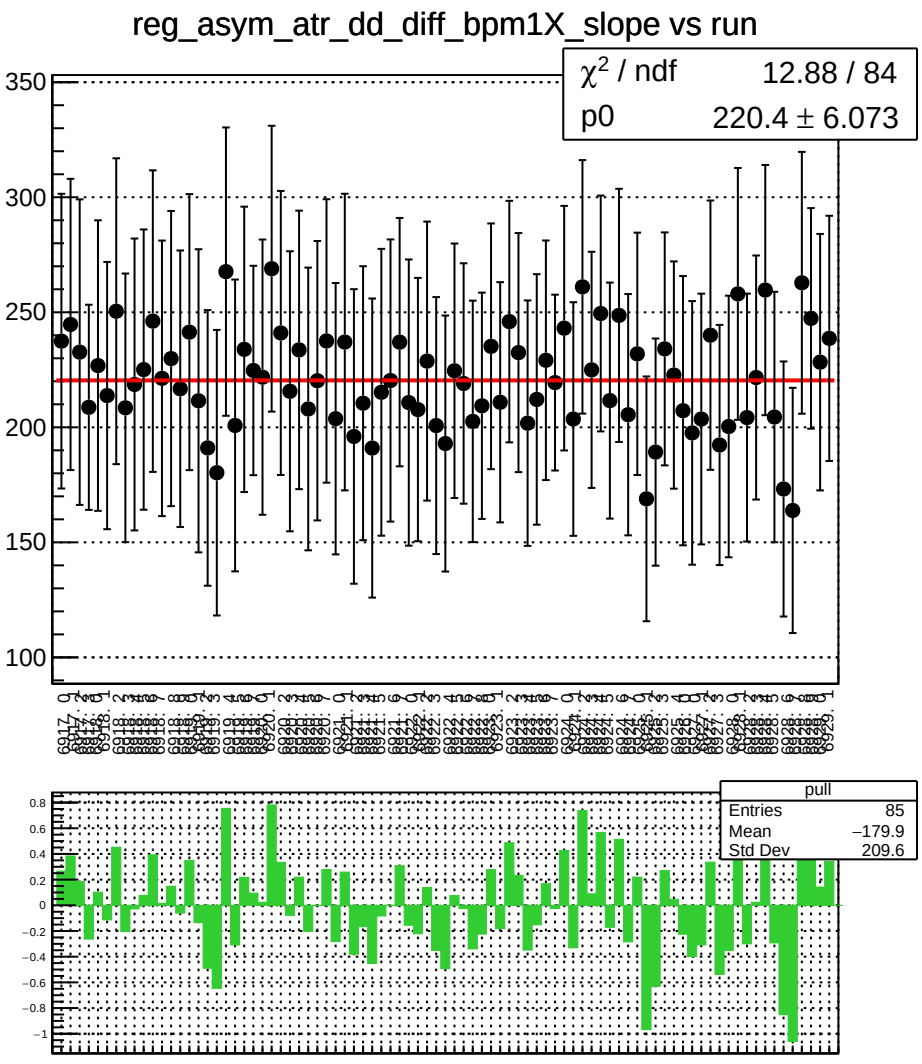

pull1D
Entries 85
Mean 0.01051
Std Dev 0.3085

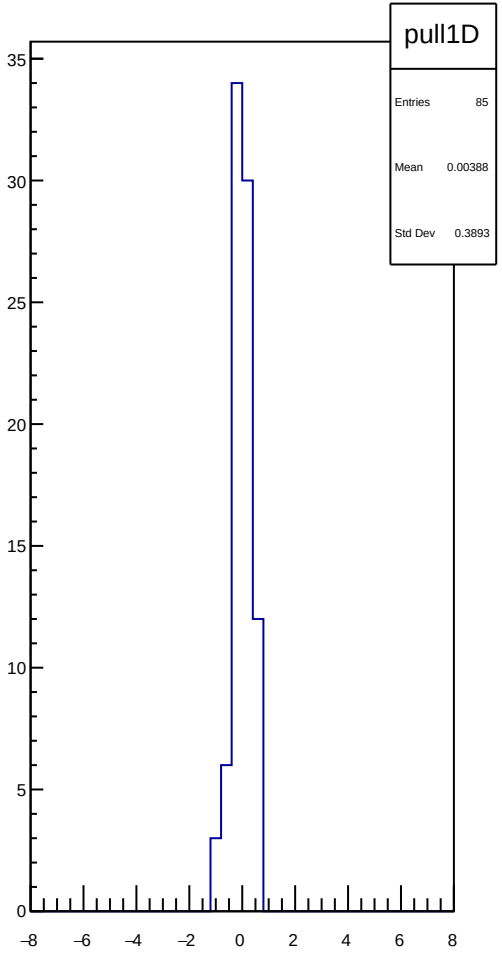

reg_asym_atr_avg_diff_bpm4eX_slope vs run
χ² / ndf 11.94 / 84
p0 276 ± 6.258
400
350
300
250
200
150
pull
Entries 85
Mean −255.8
Std Dev 316.7
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
pull1D
Entries 85
Mean 0.003188
Std Dev 0.3747
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

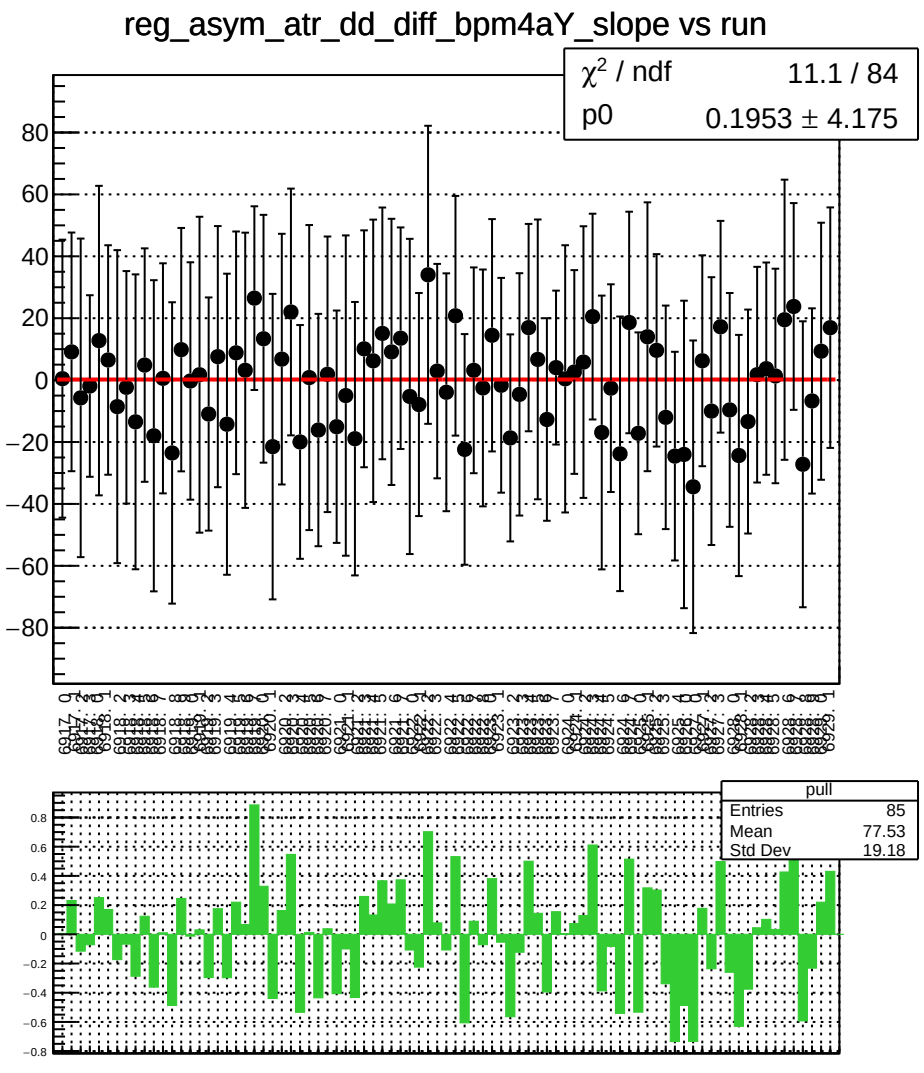

reg_asym_atr_avg_diff_bpm4eY_slope vs run
χ² / ndf 7.667 / 84
p0 59.53 ± 5.265
150
100
50
0
−50
pull
Entries 85
Mean 64.87
Std Dev 50.32
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

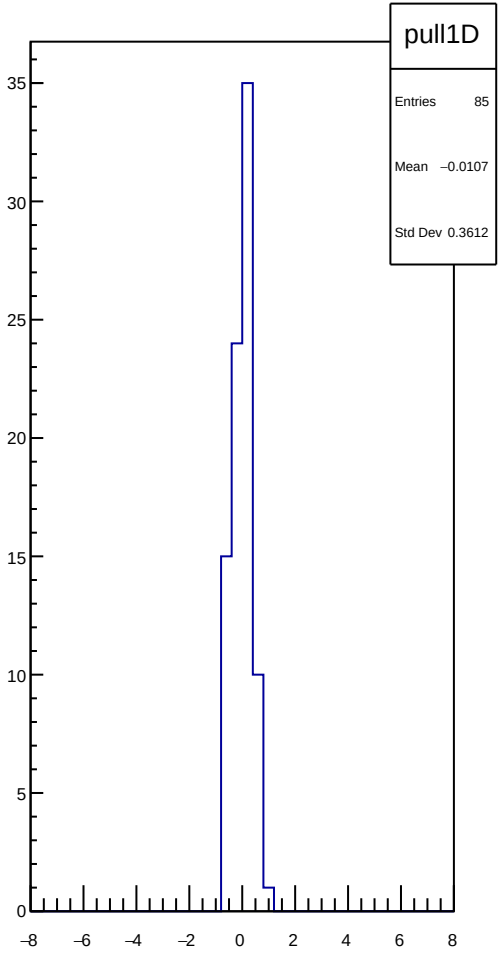

pull1D
Entries 85
Mean −0.006846
Std Dev 0.3003
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

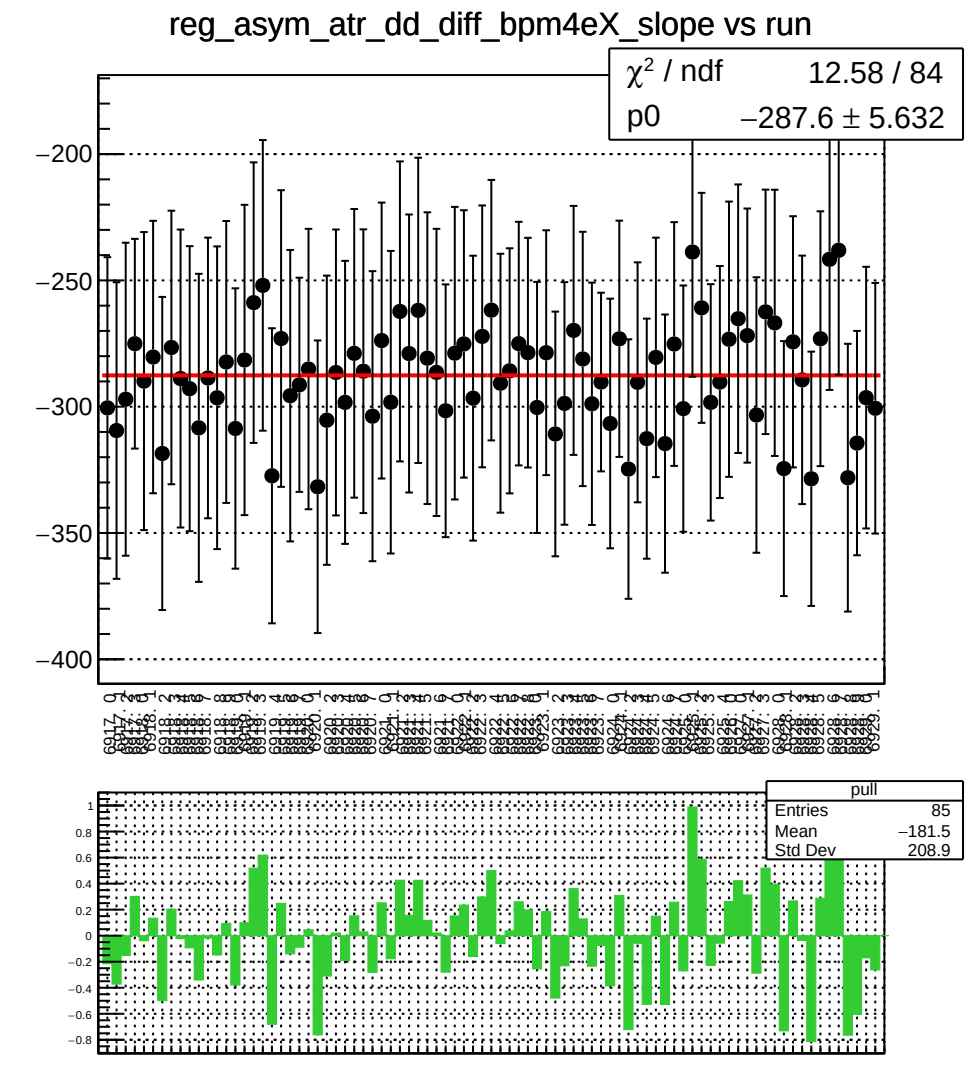

reg_asym_atr_avg_diff_bpm12X_slope vs run
χ² / ndf 42.53 / 84
p0 −140.2 ± 0.2246
pull
Entries 85
Mean −462.3
Std Dev 508.3
pull1D
Entries 85
Mean −0.009981
Std Dev 0.7073

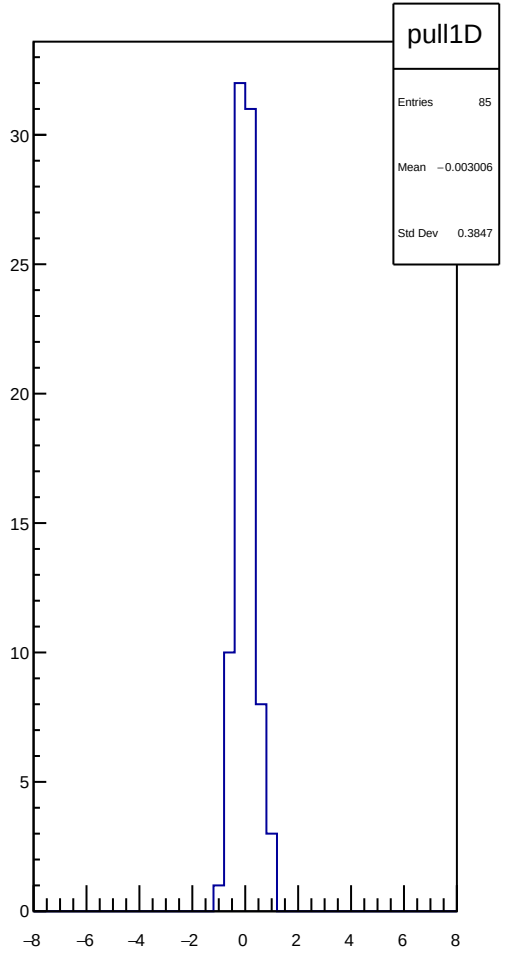

reg_asym_atr_dd_diff_bpm1X_slope vs run
χ² / ndf 12.88 / 84
p0 220.4 ± 6.073
pull
Entries 85
Mean −179.9
Std Dev 209.6

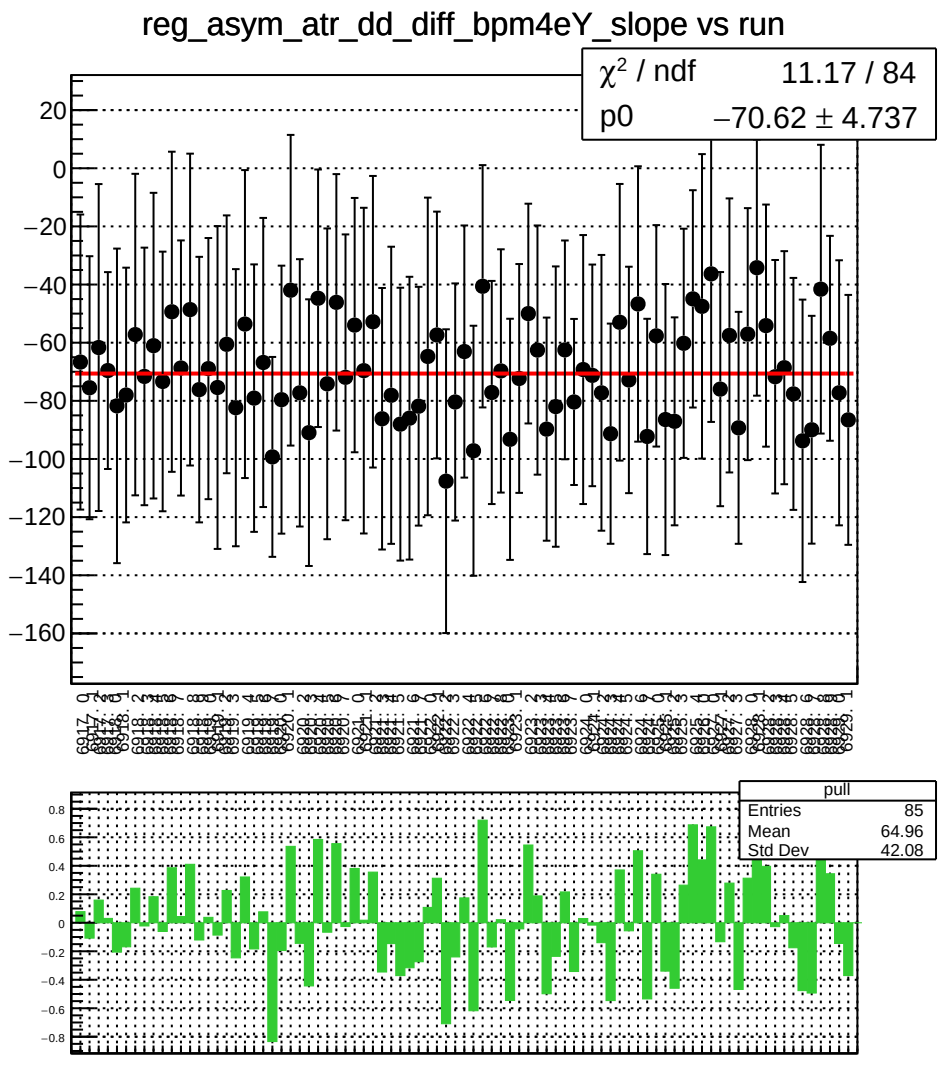

pull1D
Entries 85
Mean 0.00388
Std Dev 0.3893

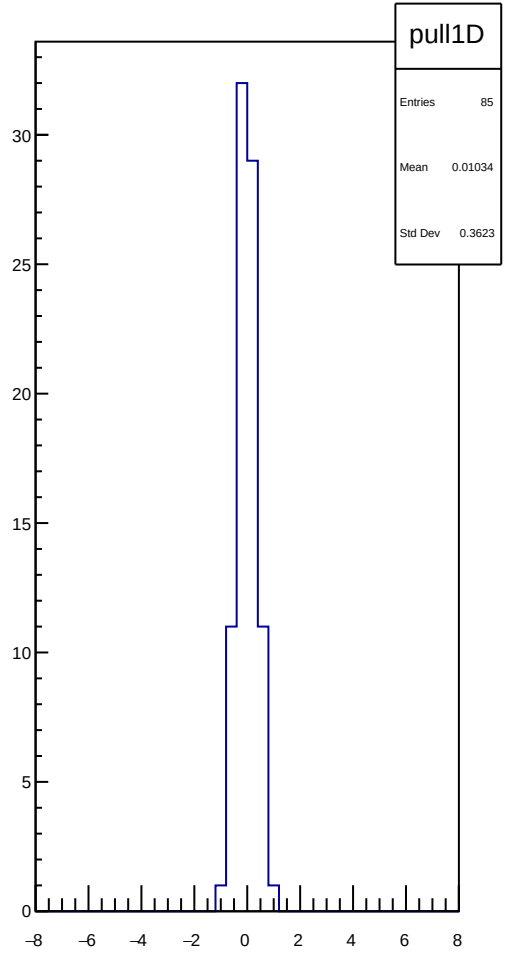

reg_asym_atr_dd_diff_bpm4aY_slope vs run
χ² / ndf 11.1 / 84
p0 0.1953 ± 4.175
pull
Entries 85
Mean 77.53
Std Dev 19.18

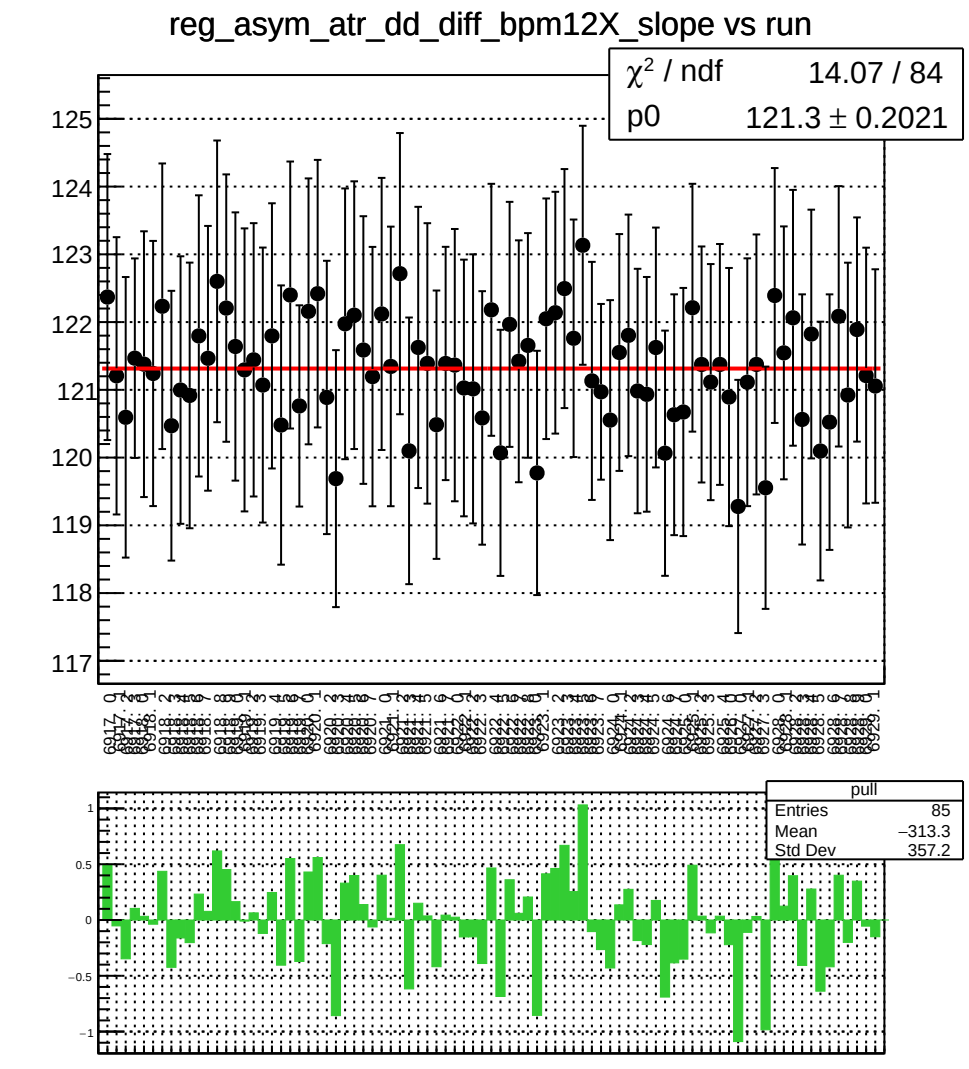

pull1D
Entries 85
Mean −0.0107
Std Dev 0.3612

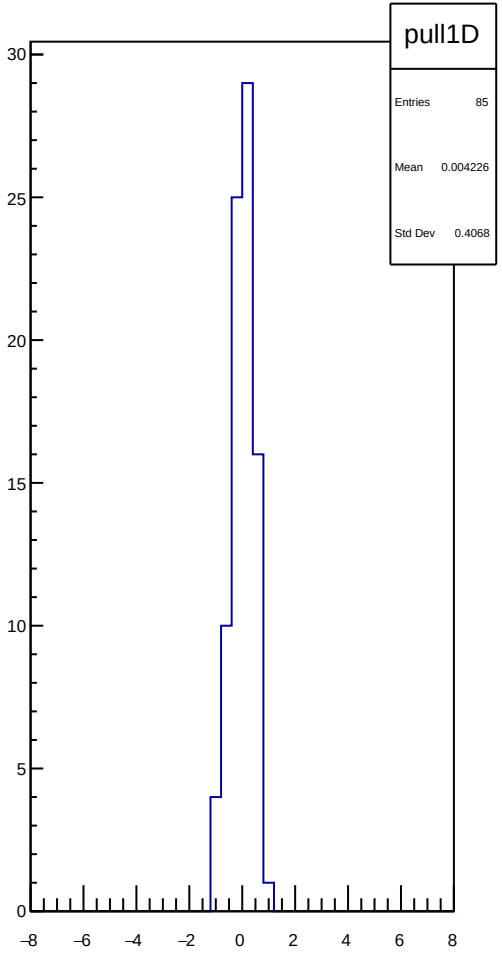

reg_asym_atr_dd_diff_bpm4eX_slope vs run
χ² / ndf 12.58 / 84
p0 −287.6 ± 5.632
−200
−250
−300
−350
−400
pull
Entries 85
Mean −181.5
Std Dev 208.9
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

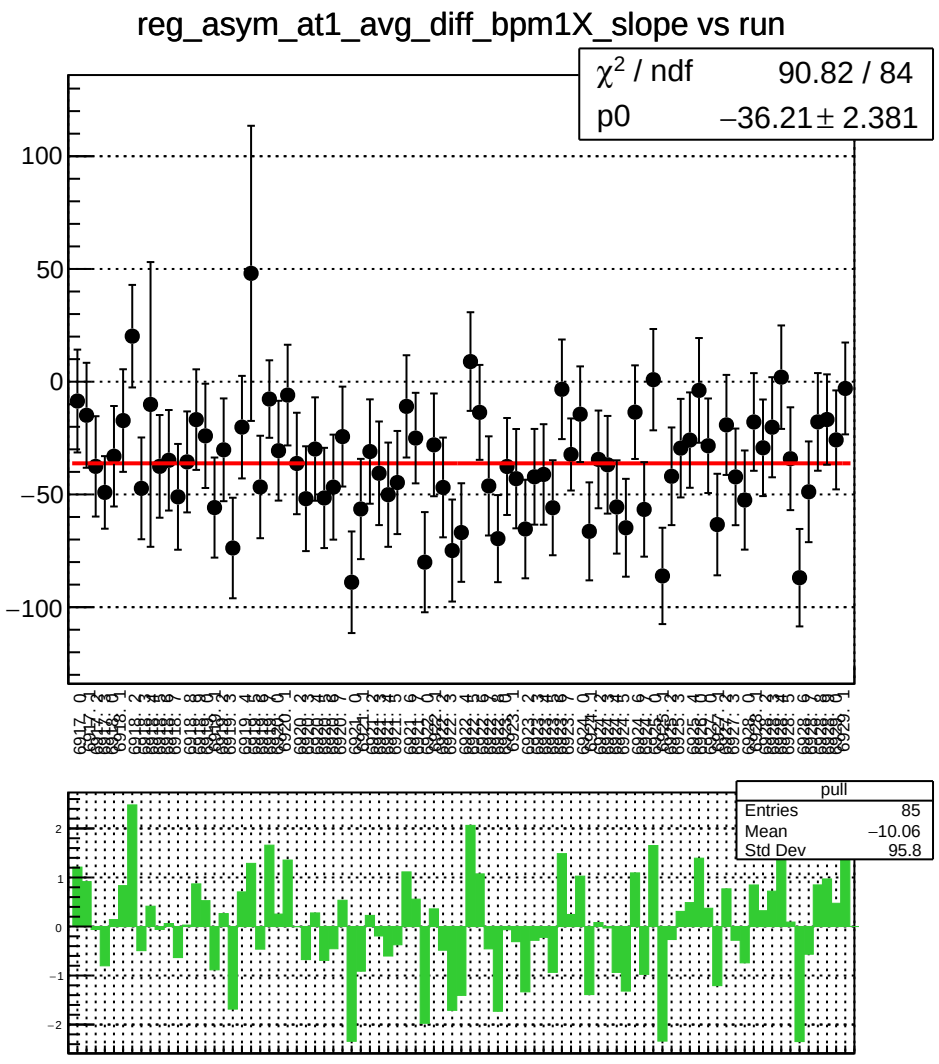

pull1D
Entries 85
Mean −0.003006
Std Dev 0.3847
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

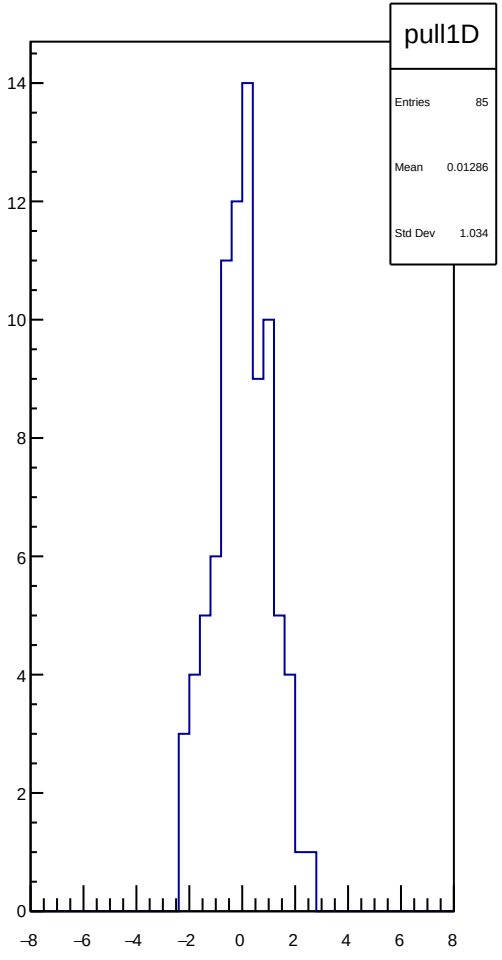

reg_asym_atr_dd_diff_bpm4eY_slope vs run
χ² / ndf 11.17 / 84
p0 −70.62 ± 4.737
pull
Entries 85
Mean 64.96
Std Dev 42.08

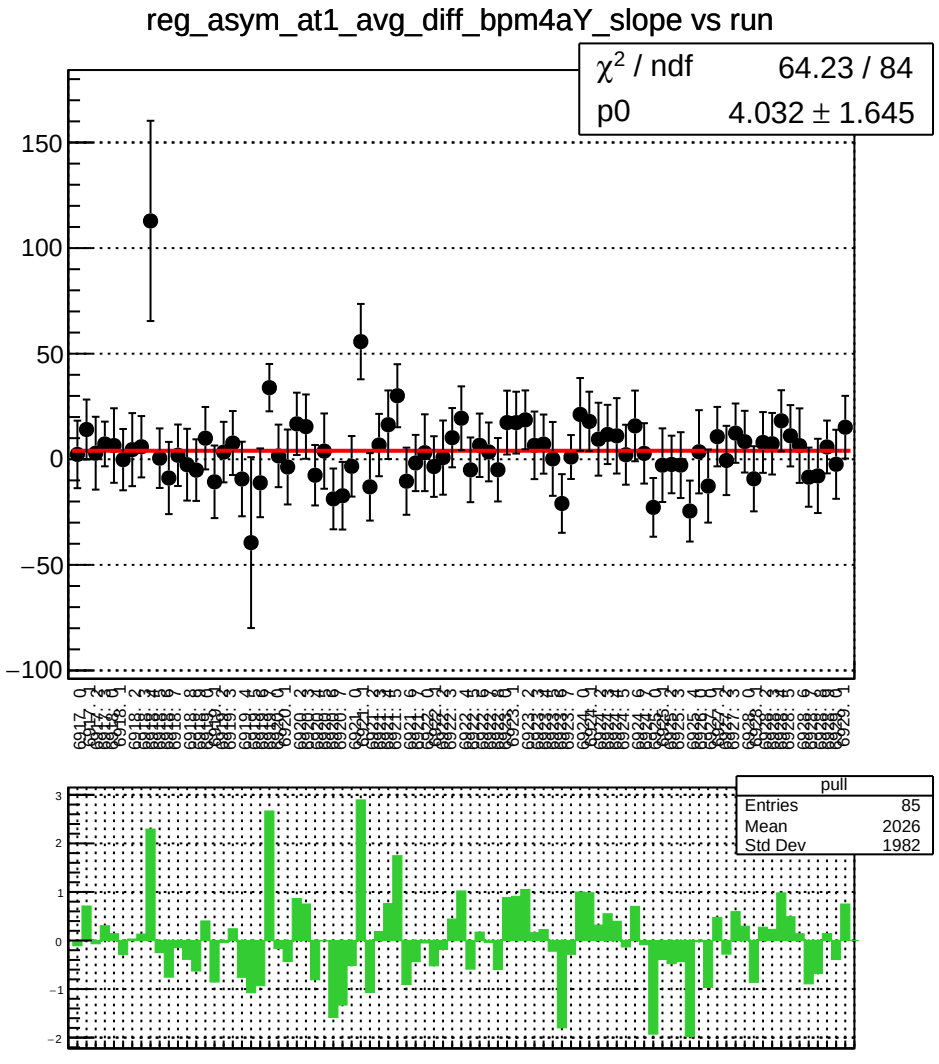

pull1D
Entries 85
Mean 0.01034
Std Dev 0.3623

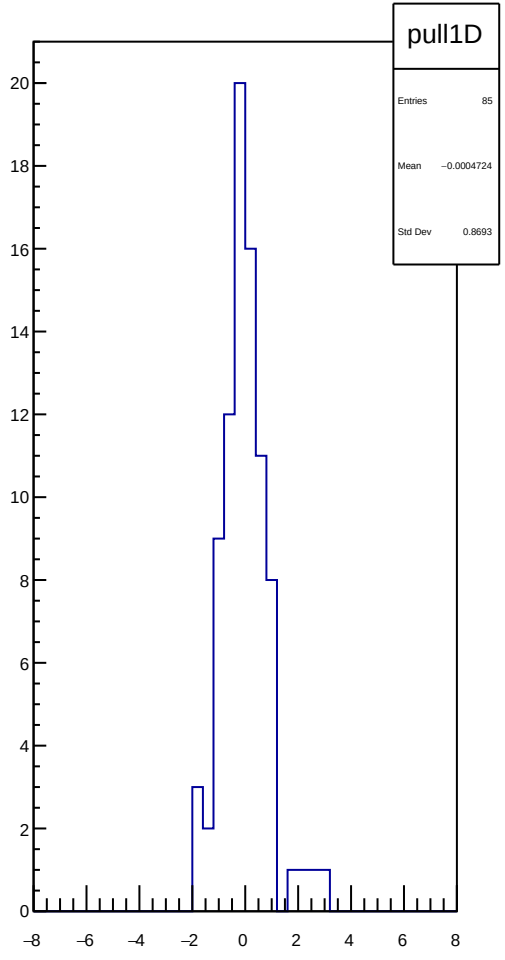

reg_asym_atr_dd_diff_bpm12X_slope vs run
χ² / ndf 14.07 / 84
p0 121.3 ± 0.2021
pull
Entries 85
Mean −313.3
Std Dev 357.2

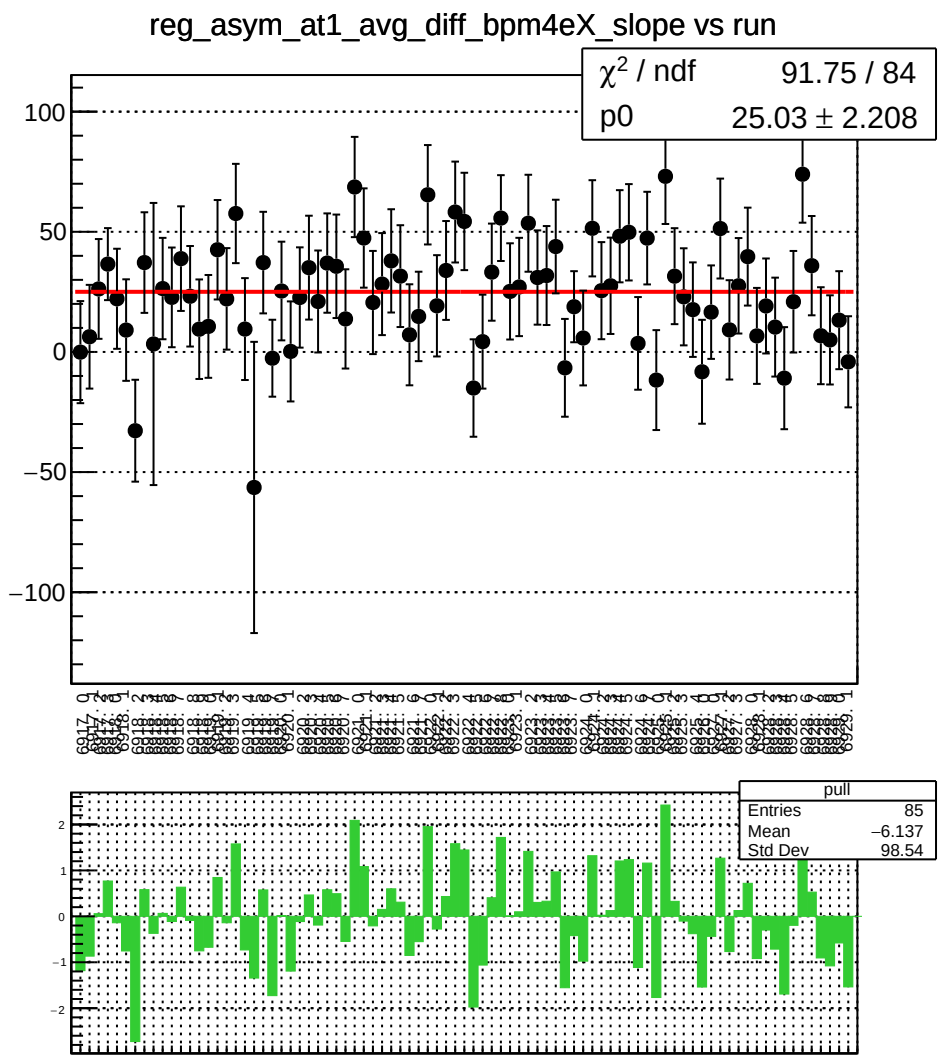

pull1D
Entries 85
Mean 0.004226
Std Dev 0.4068

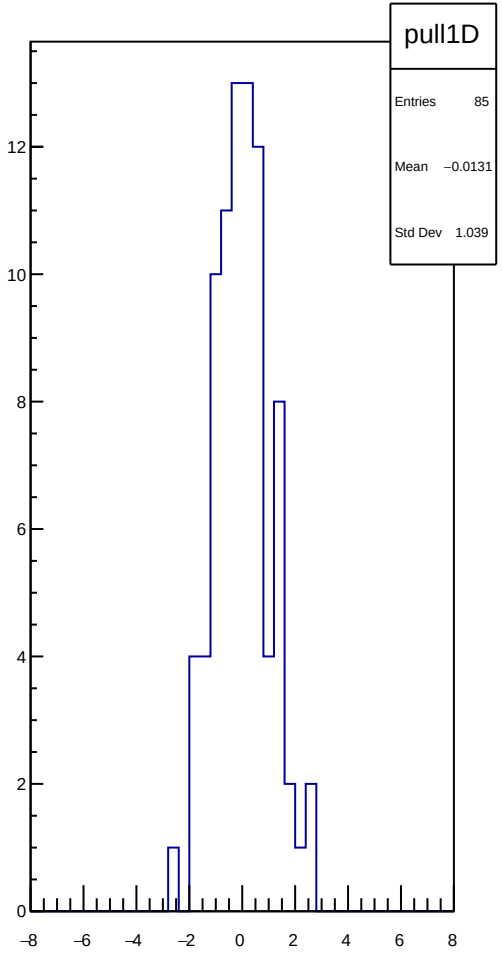

reg_asym_at1_avg_diff_bpm1X_slope vs run
χ² / ndf 90.82 / 84
p0 −36.21 ± 2.381
100
50
0
−50
−100
pull
Entries 85
Mean −10.06
Std Dev 95.8
2
1
0
−1
−2

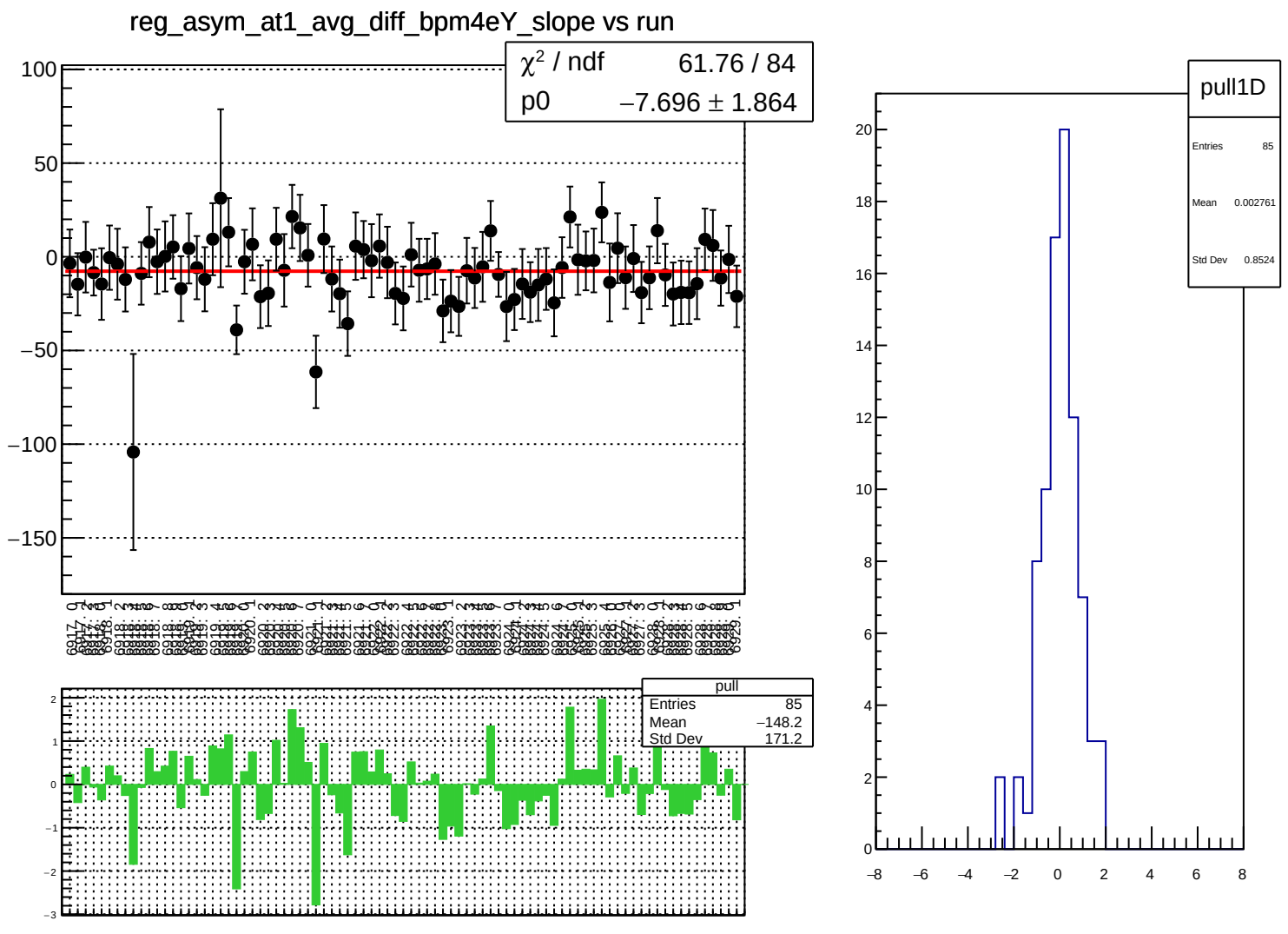

pull1D
Entries 85
Mean 0.01286
Std Dev 1.034
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

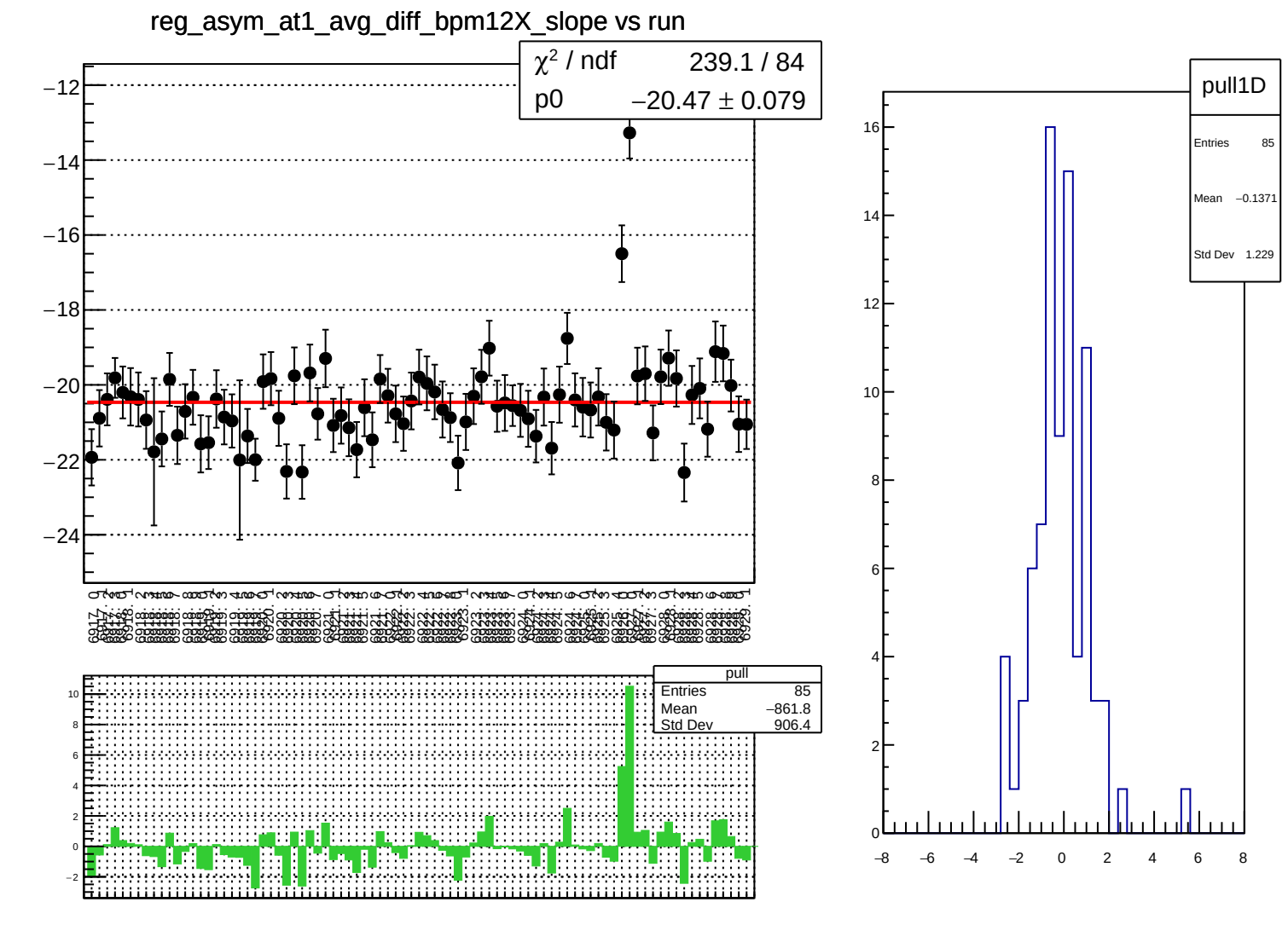

reg_asym_at1_avg_diff_bpm4aY_slope vs run
χ² / ndf 64.23 / 84
p0 4.032 ± 1.645
pull
Entries 85
Mean 2026
Std Dev 1982

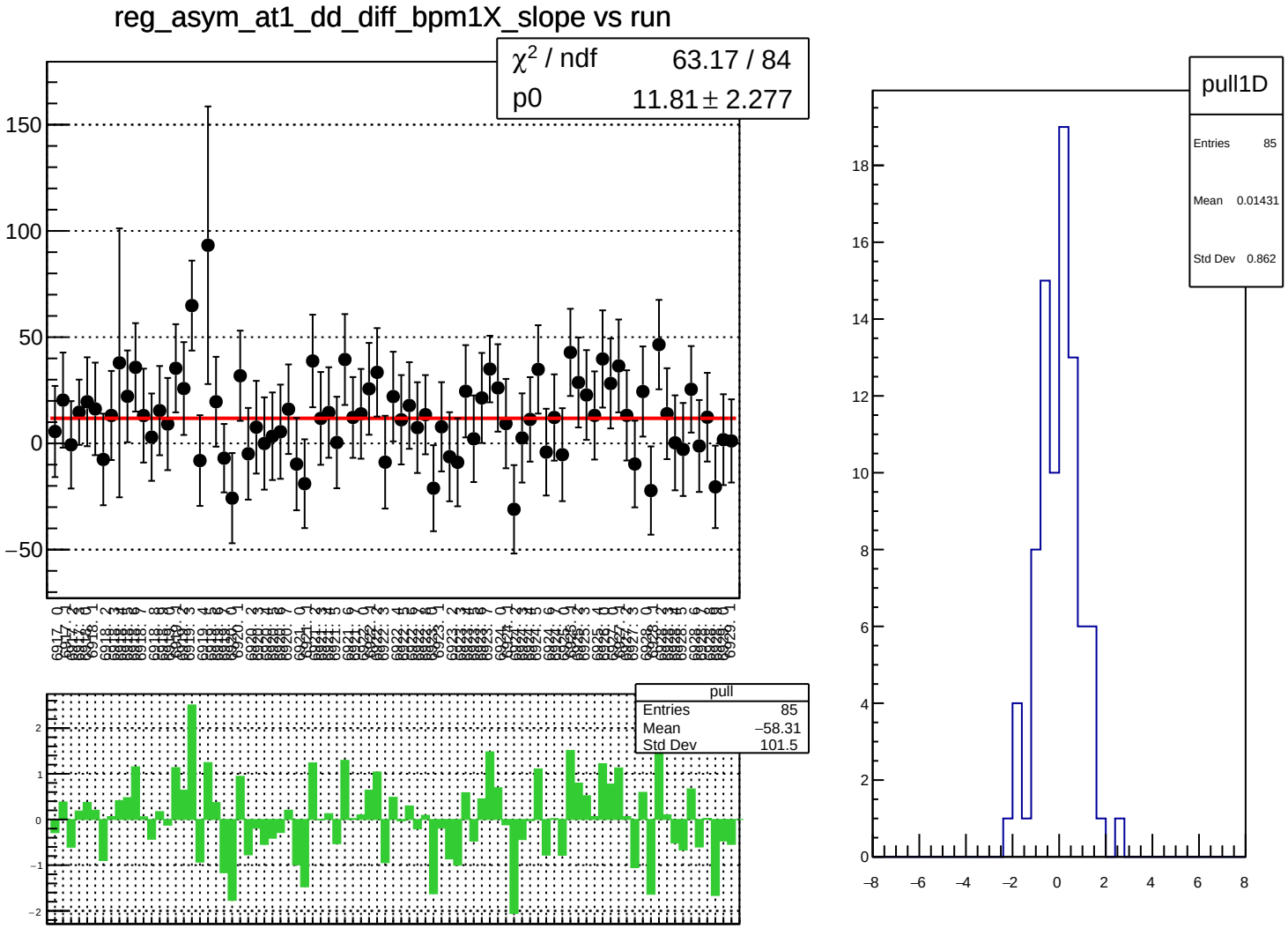

pull1D
Entries 85
Mean −0.0004724
Std Dev 0.8693

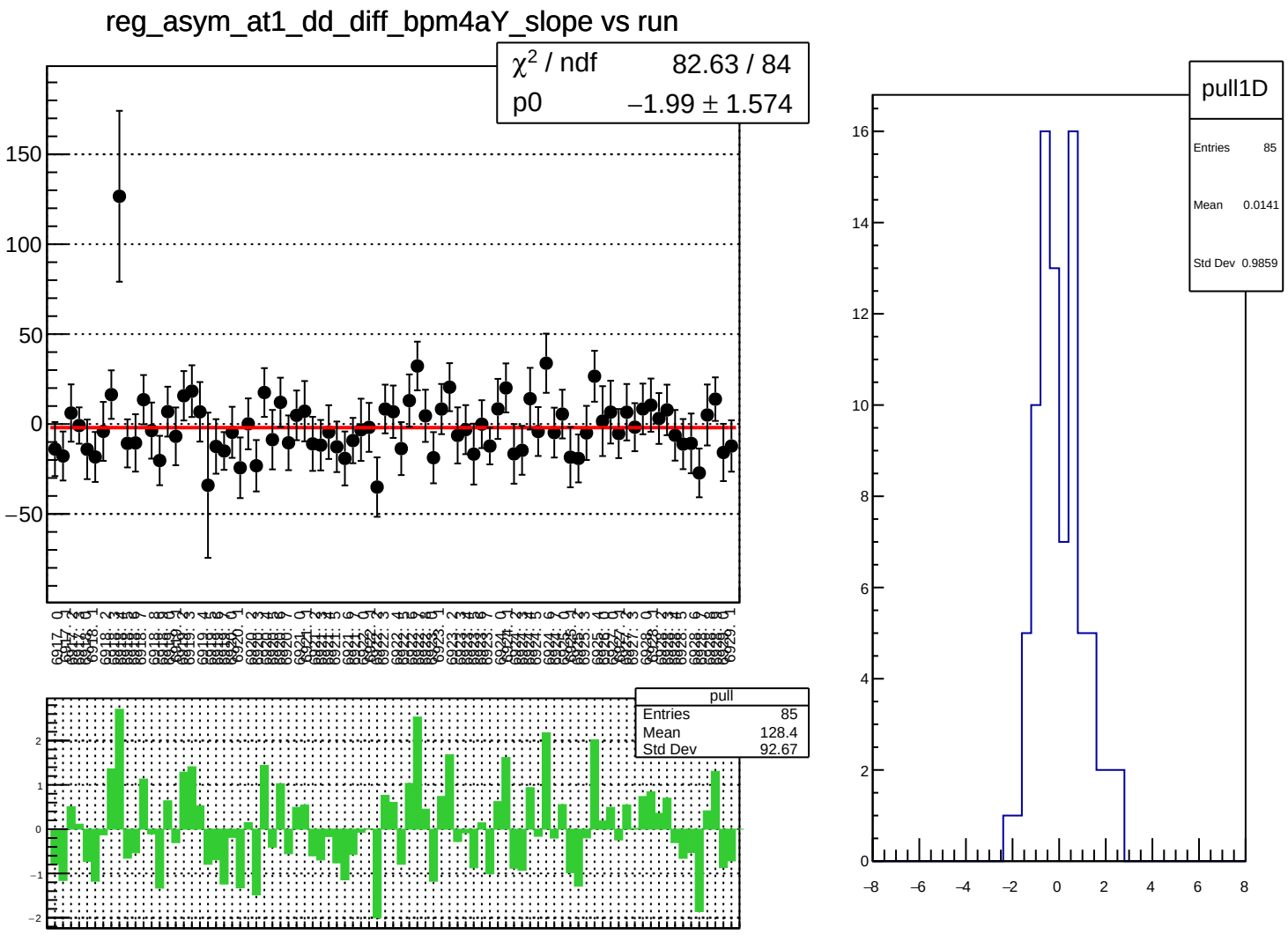

reg_asym_at1_avg_diff_bpm4eX_slope vs run
χ² / ndf 91.75 / 84
p0 25.03 ± 2.208
pull
Entries 85
Mean −6.137
Std Dev 98.54

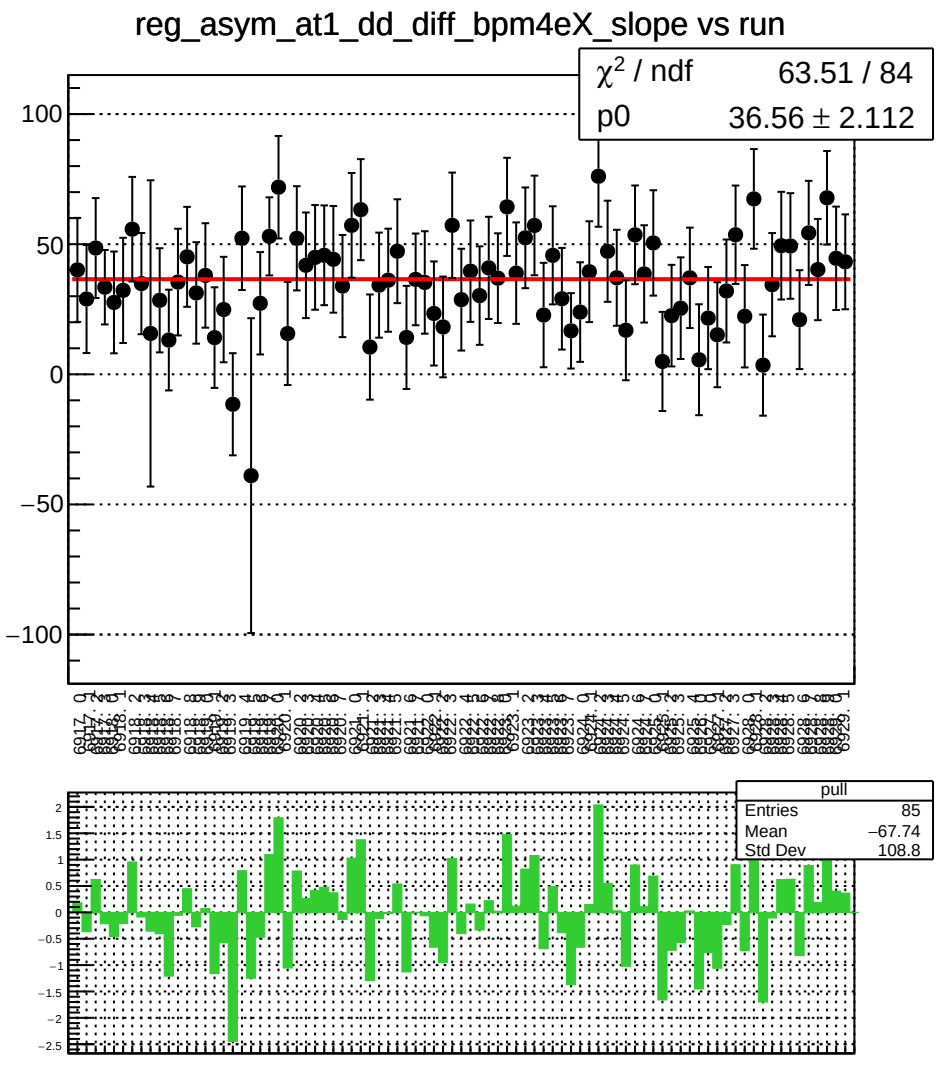

pull1D
Entries 85
Mean −0.0131
Std Dev 1.039

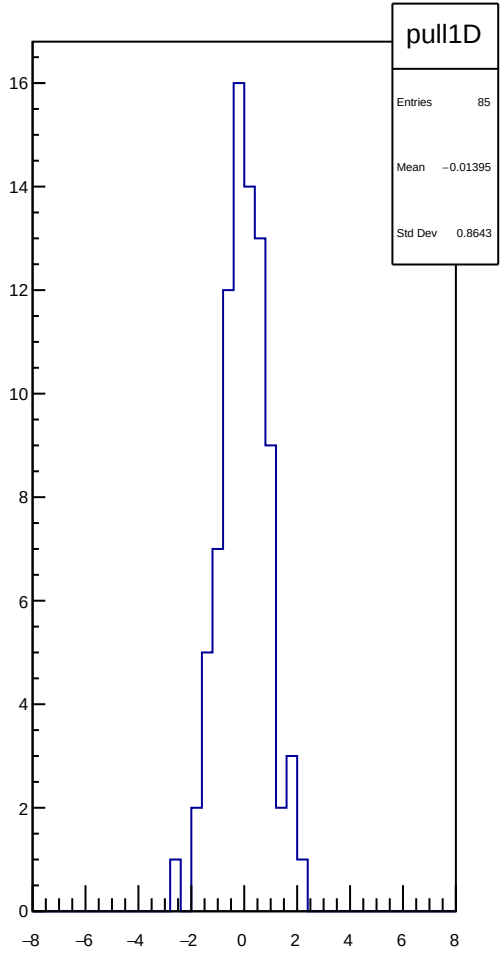

reg_asym_at1_avg_diff_bpm4eY_slope vs run
χ² / ndf 61.76 / 84
p0 −7.696 ± 1.864
pull
Entries 85
Mean −148.2
Std Dev 171.2
pull1D
Entries 85
Mean 0.002761
Std Dev 0.8524

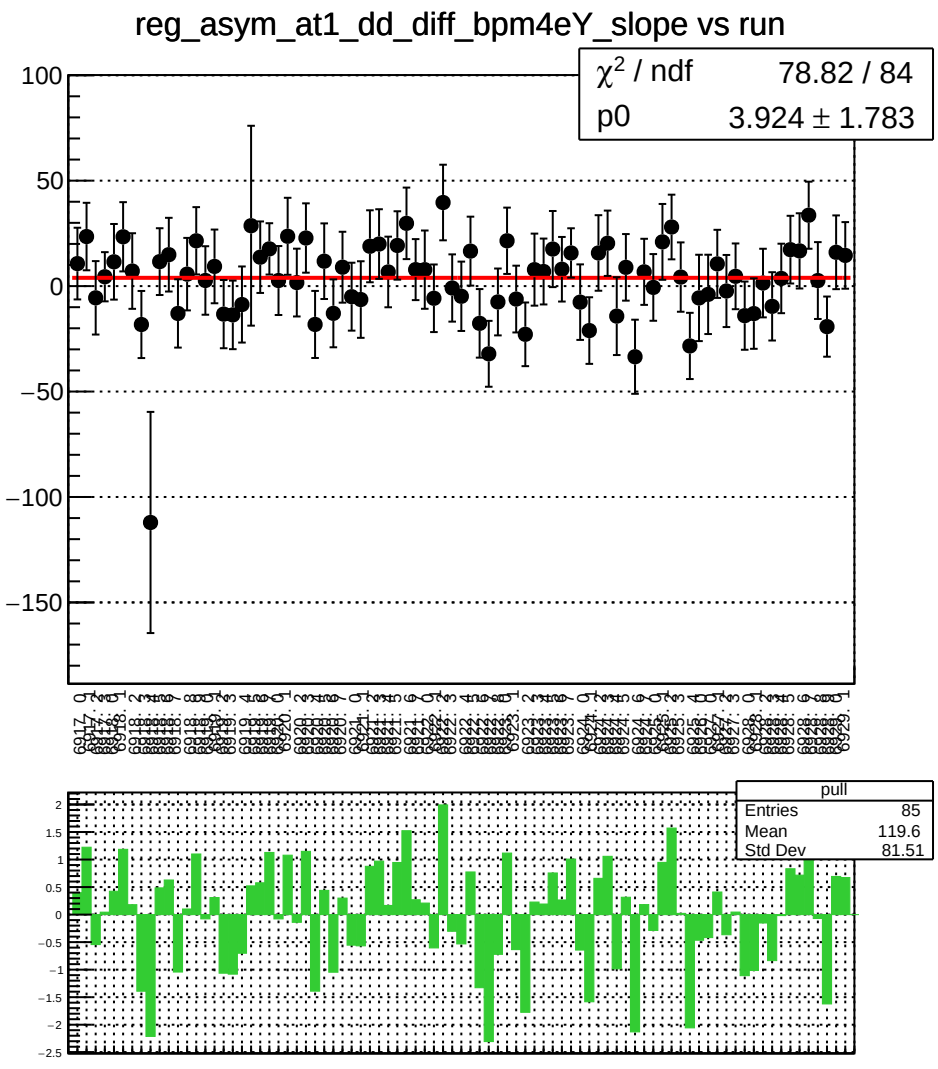

reg_asym_at1_avg_diff_bpm12X_slope vs run
χ² / ndf 239.1 / 84
p0 −20.47 ± 0.079
pull
Entries 85
Mean −861.8
Std Dev 906.4
pull1D
Entries 85
Mean −0.1371
Std Dev 1.229

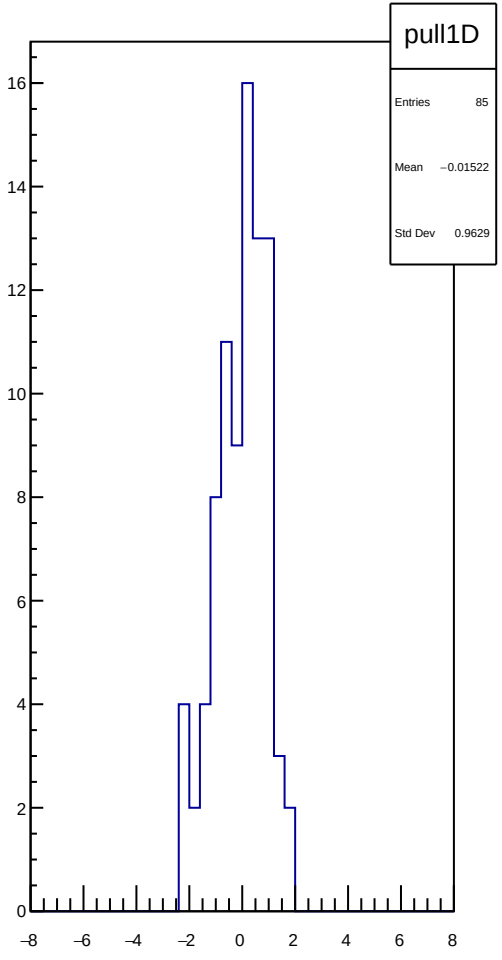

reg_asym_at1_dd_diff_bpm1X_slope vs run
χ² / ndf 63.17 / 84
p0 11.81 ± 2.277
150
100
50
0
−50
pull
Entries 85
Mean −58.31
Std Dev 101.5
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.01431
Std Dev 0.862
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

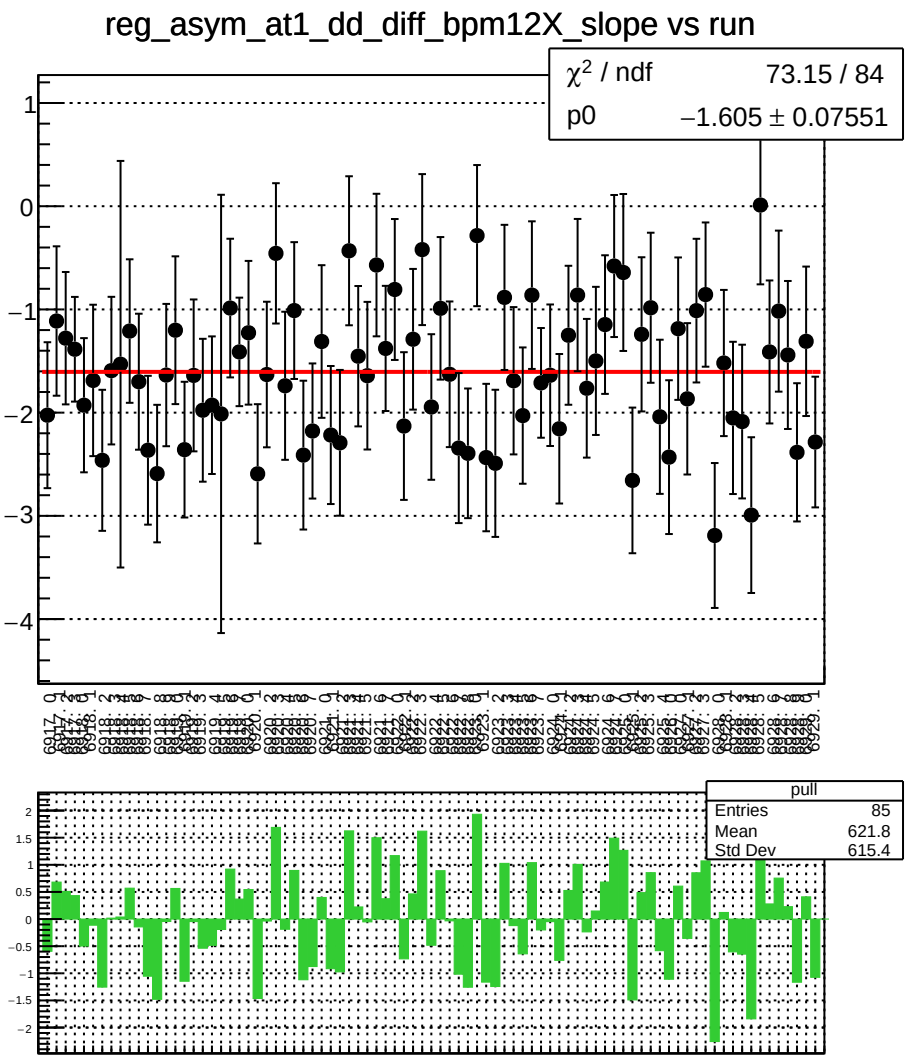

reg_asym_at1_dd_diff_bpm4aY_slope vs run
χ² / ndf 82.63 / 84
p0 −1.99 ± 1.574
150
100
50
0
−50
pull
Entries 85
Mean 128.4
Std Dev 92.67
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.0141
Std Dev 0.9859
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

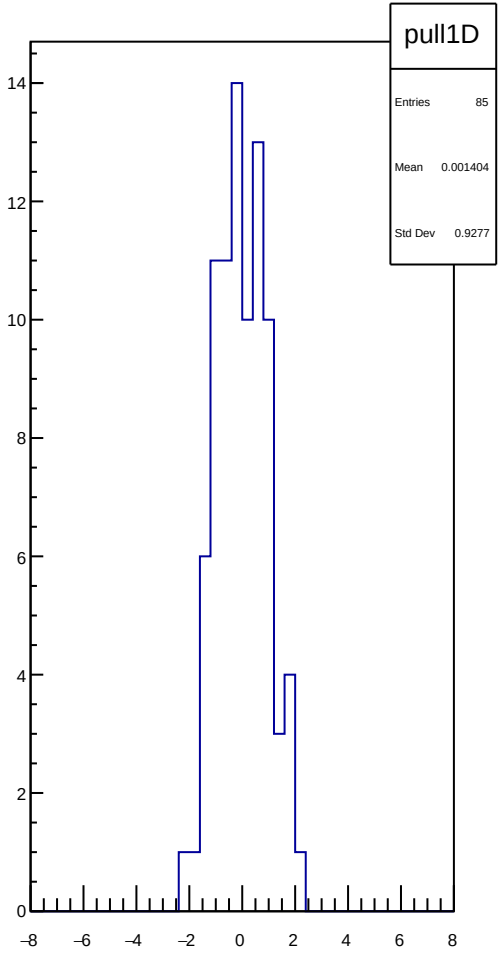

reg_asym_at1_dd_diff_bpm4eX_slope vs run
χ² / ndf 63.51 / 84
p0 36.56 ± 2.112
100
50
0
−50
−100
pull
Entries 85
Mean −67.74
Std Dev 108.8
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

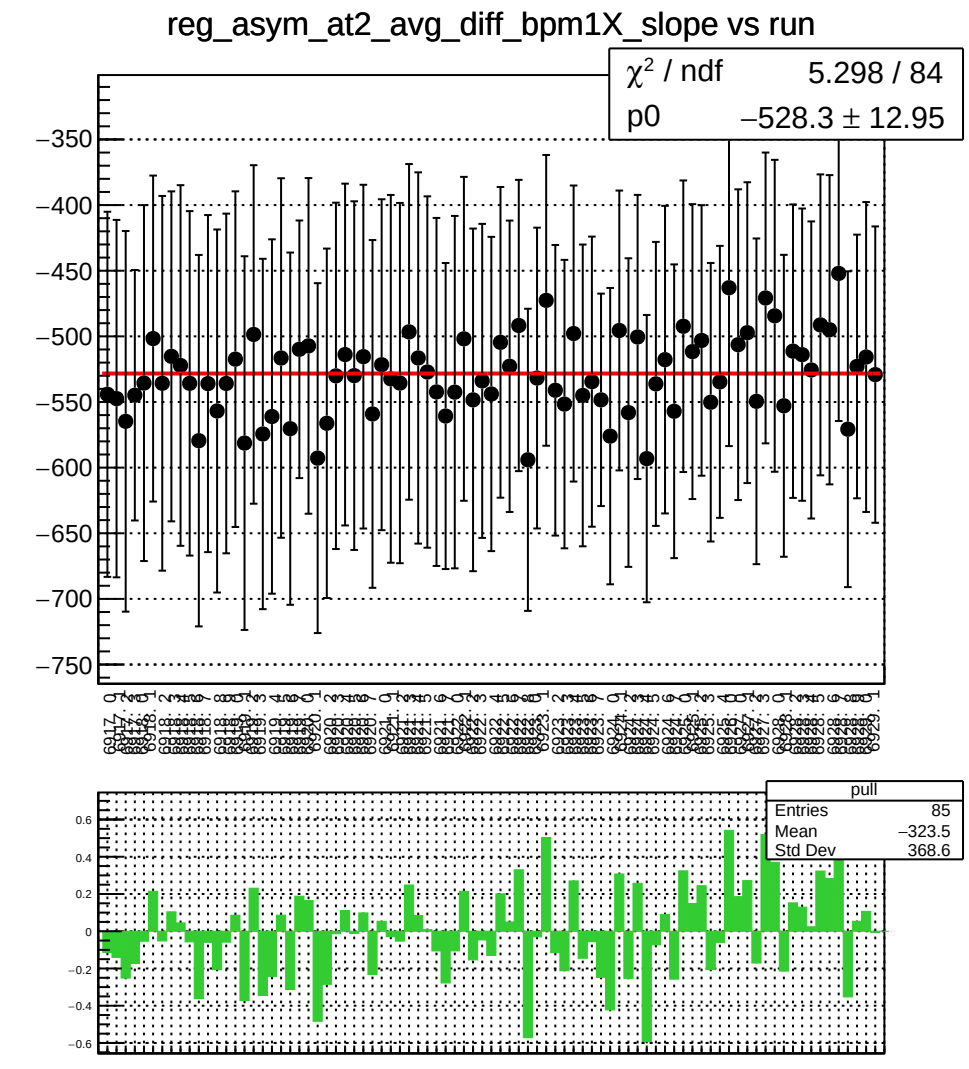

pull1D
Entries 85
Mean −0.01395
Std Dev 0.8643
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

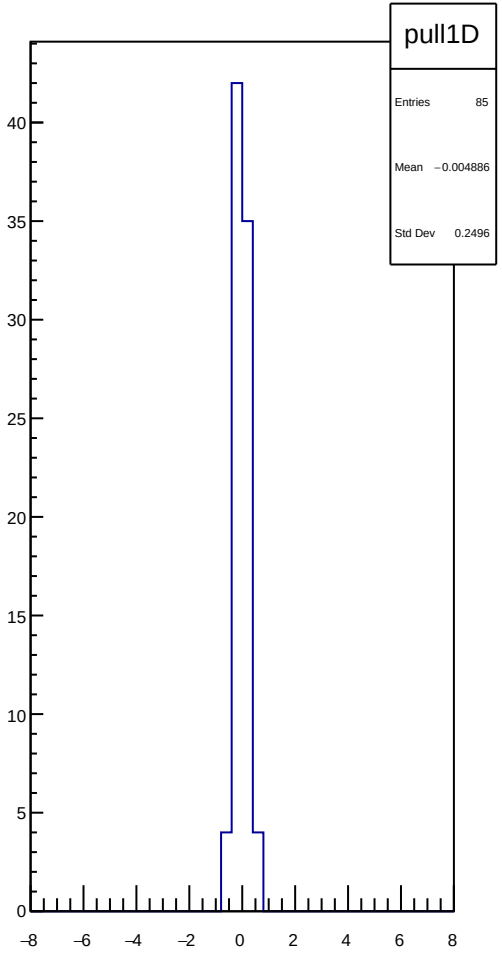

reg_asym_at1_dd_diff_bpm4eY_slope vs run
χ² / ndf 78.82 / 84
p0 3.924 ± 1.783
pull
Entries 85
Mean 119.6
Std Dev 81.51

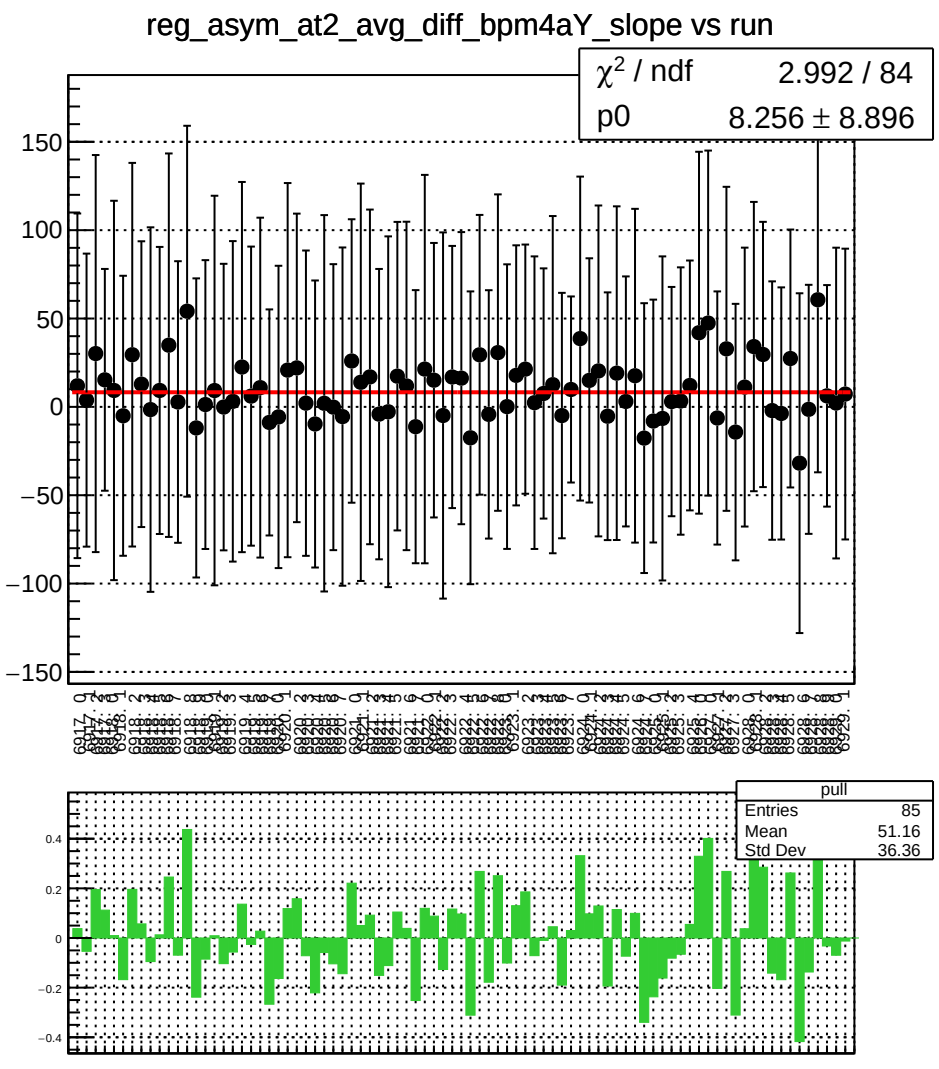

pull1D
Entries 85
Mean −0.01522
Std Dev 0.9629

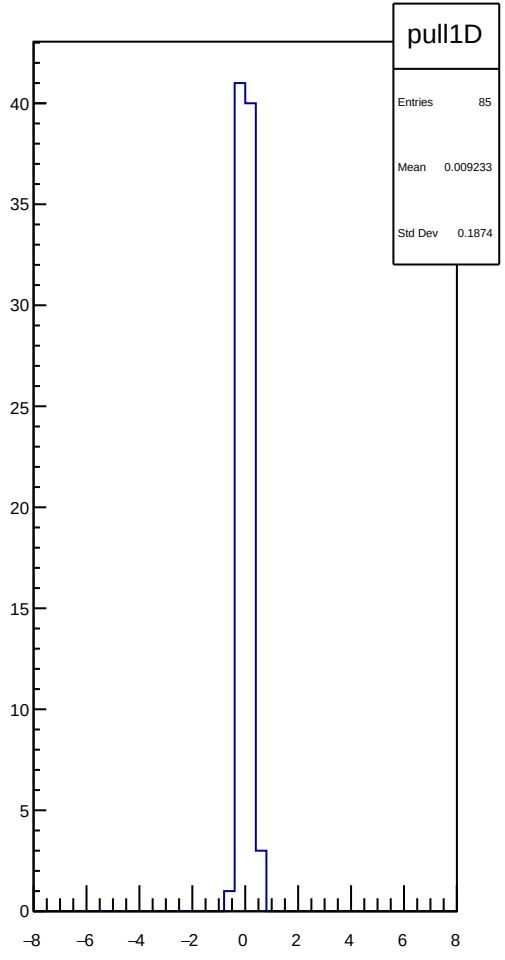

reg_asym_at1_dd_diff_bpm12X_slope vs run
χ² / ndf 73.15 / 84
p0 −1.605 ± 0.07551
pull
Entries 85
Mean 621.8
Std Dev 615.4

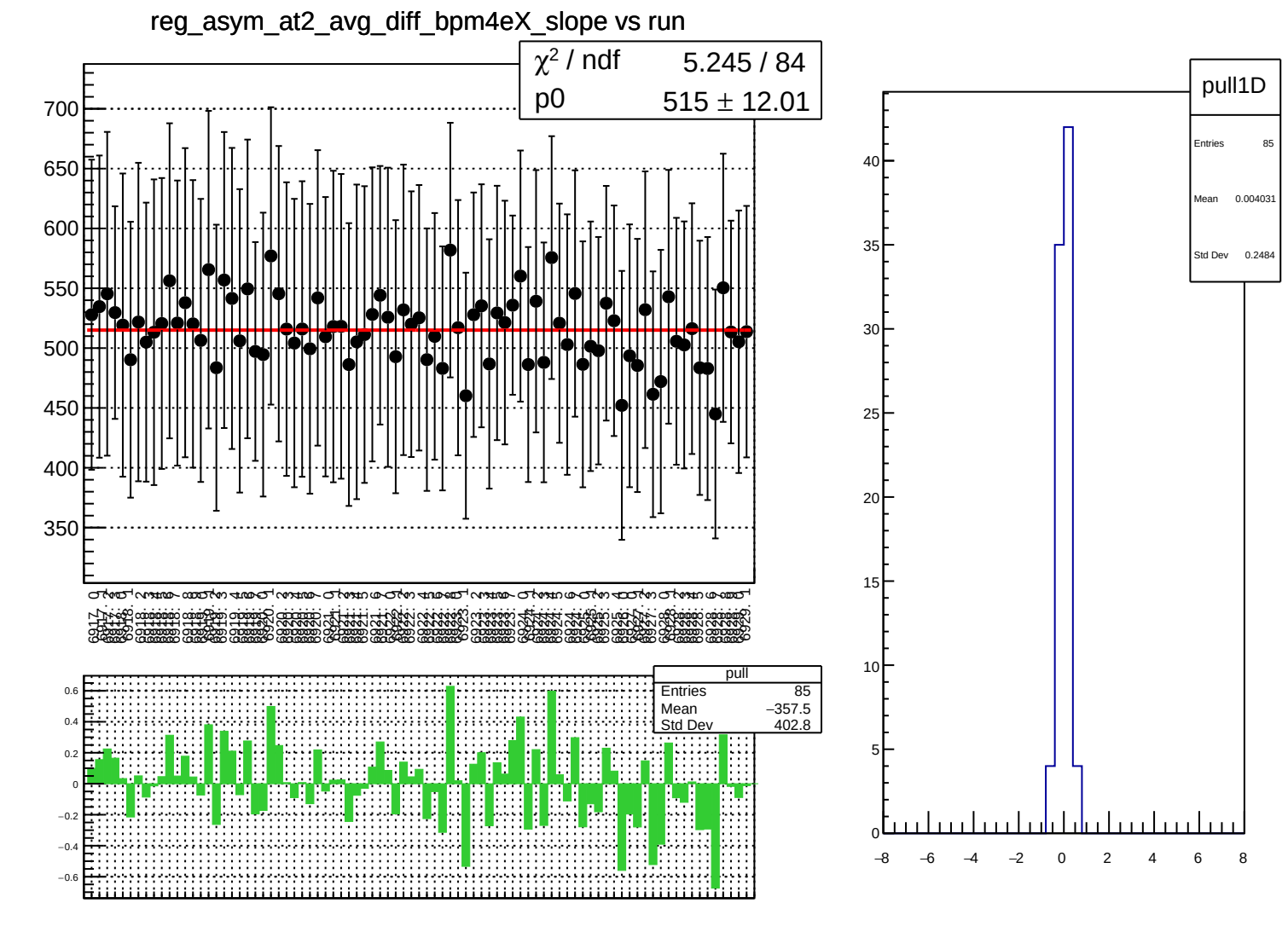

pull1D
Entries 85
Mean 0.001404
Std Dev 0.9277

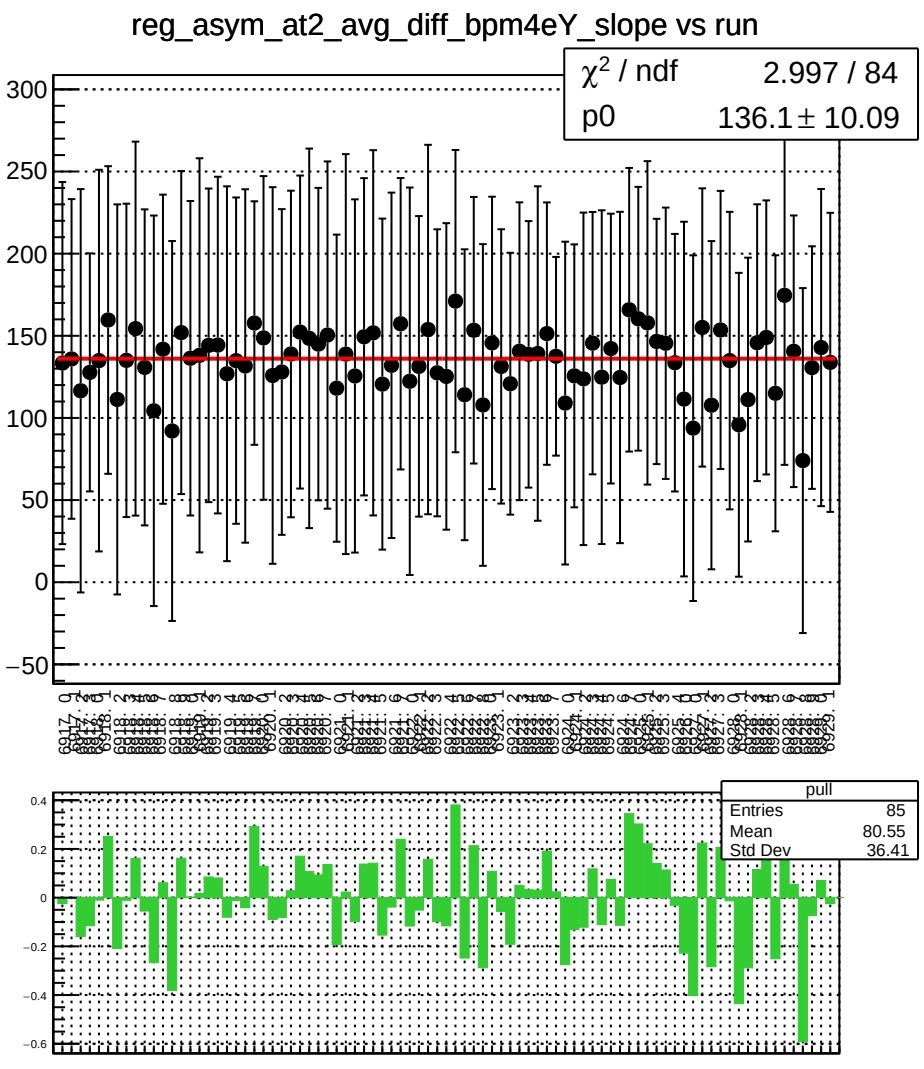

reg_asym_at2_avg_diff_bpm1X_slope vs run
χ² / ndf 5.298 / 84
p0 −528.3 ± 12.95
pull
Entries 85
Mean −323.5
Std Dev 368.6

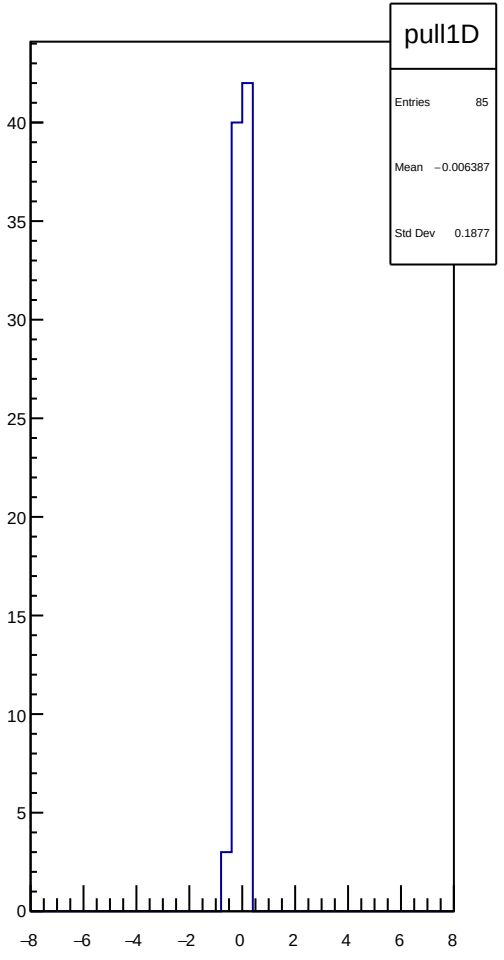

pull1D
Entries 85
Mean −0.004886
Std Dev 0.2496

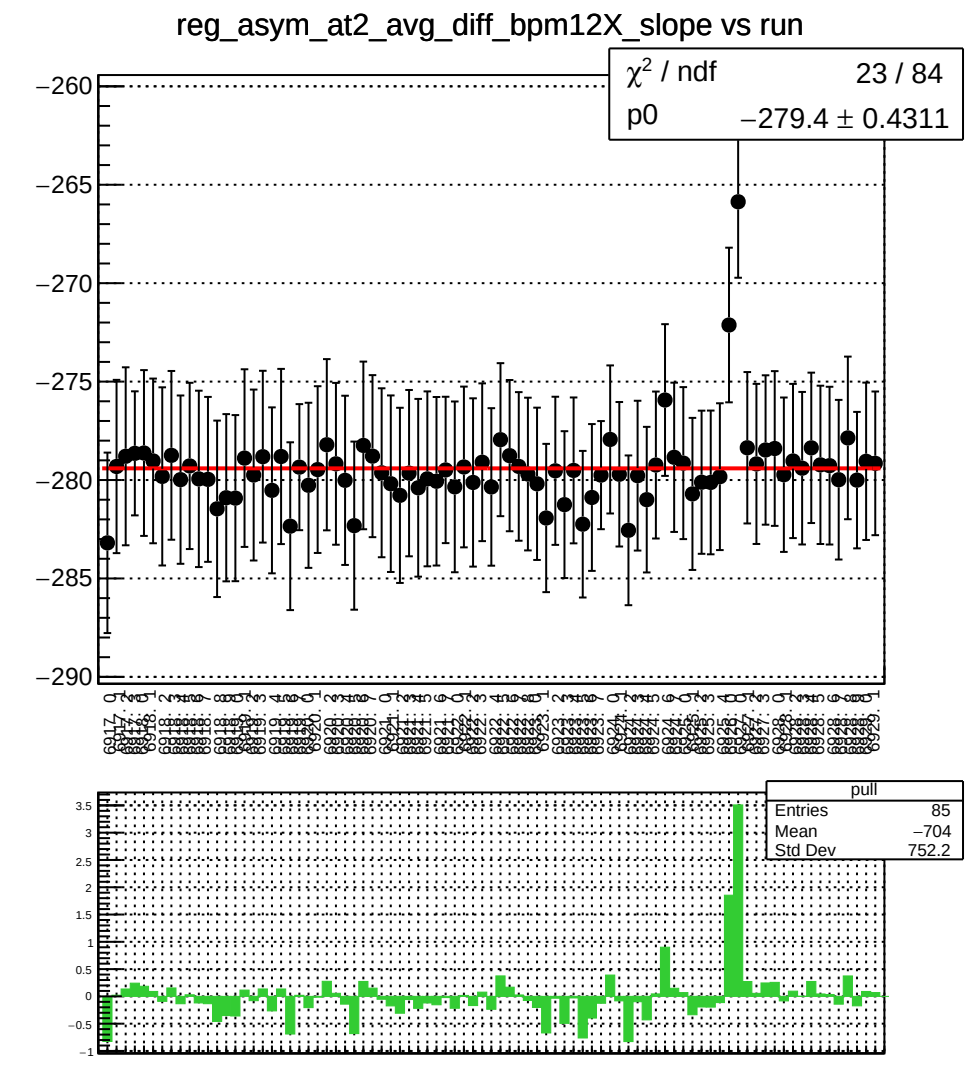

reg_asym_at2_avg_diff_bpm4aY_slope vs run
χ² / ndf 2.992 / 84
p0 8.256 ± 8.896
150
100
50
0
−50
−100
−150
pull
Entries 85
Mean 51.16
Std Dev 36.36
0.4
0.2
0
−0.2
−0.4

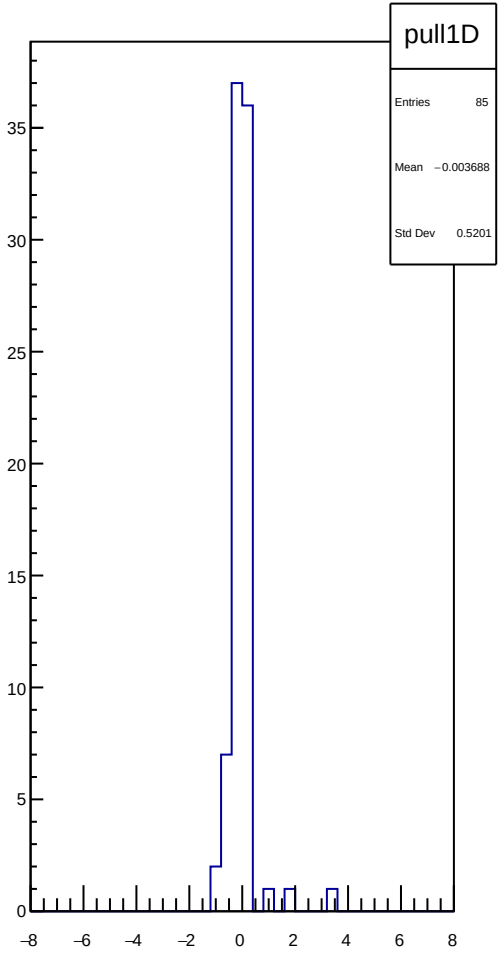

pull1D
Entries 85
Mean 0.009233
Std Dev 0.1874
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

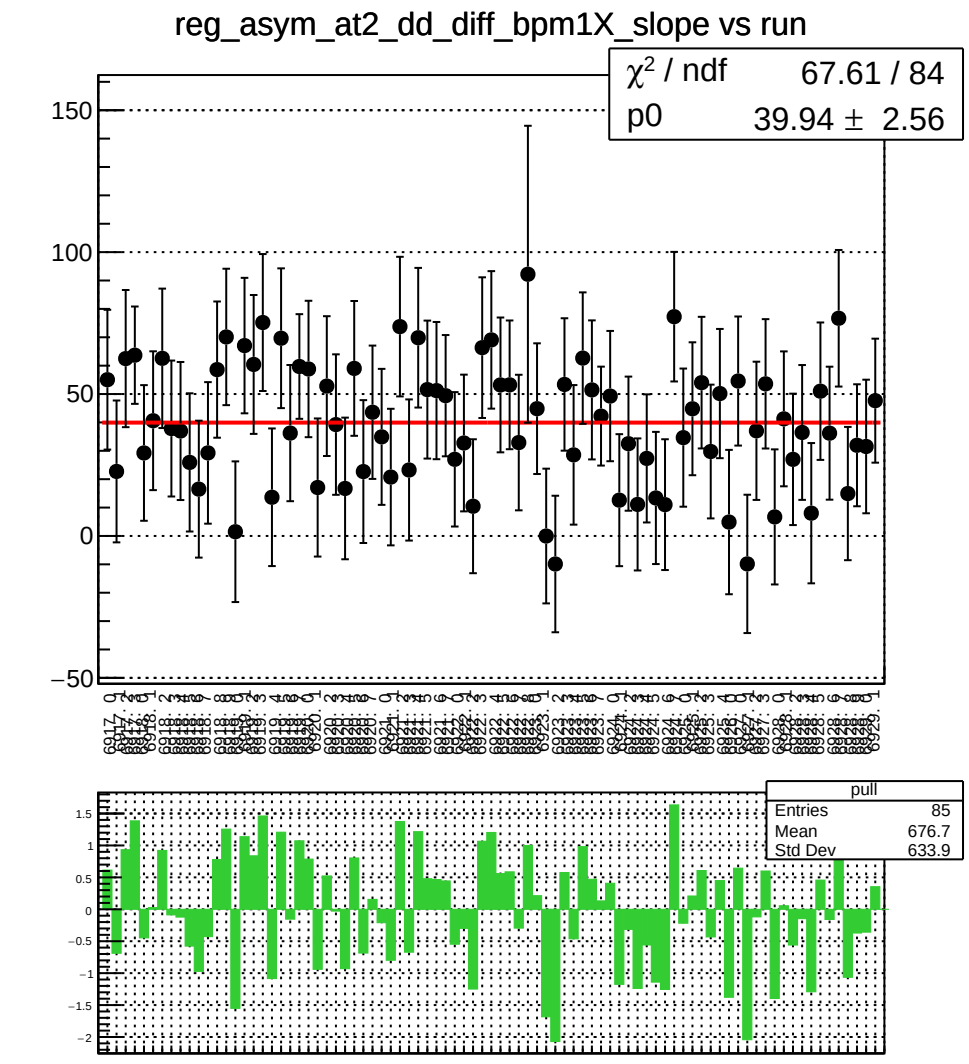

reg_asym_at2_avg_diff_bpm4eX_slope vs run
χ² / ndf 5.245 / 84
p0 515 ± 12.01
700
650
600
550
500
450
400
350
pull
Entries 85
Mean −357.5
Std Dev 402.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
pull1D
Entries 85
Mean 0.004031
Std Dev 0.2484
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

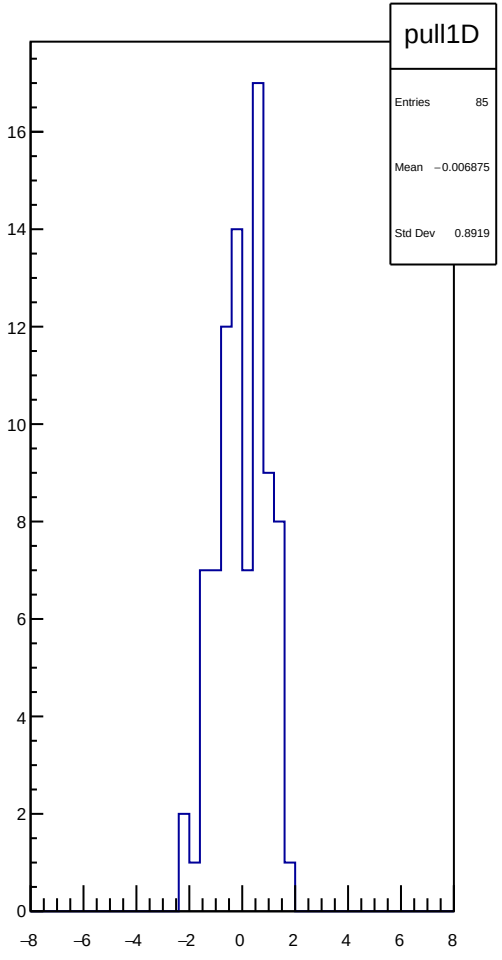

reg_asym_at2_avg_diff_bpm4eY_slope vs run
χ² / ndf 2.997 / 84
p0 136.1 ± 10.09
pull
Entries 85
Mean 80.55
Std Dev 36.41

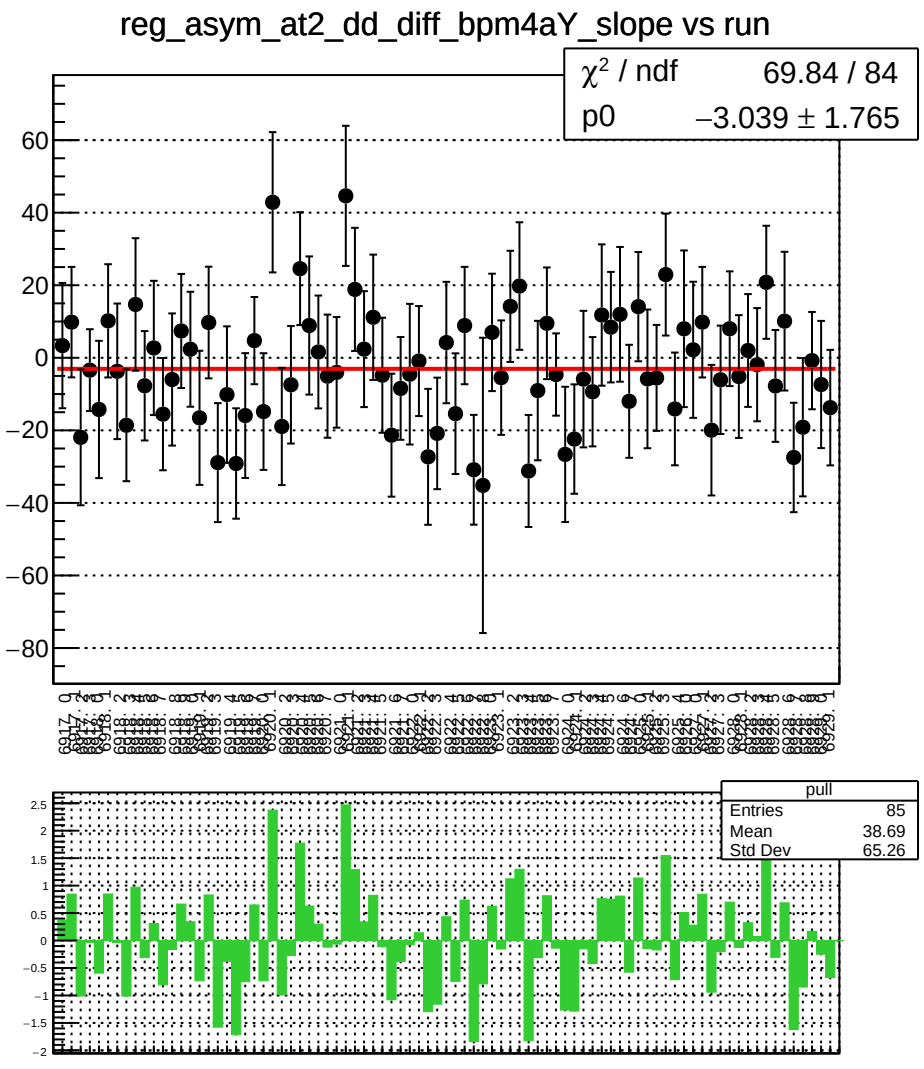

pull1D
Entries 85
Mean −0.006387
Std Dev 0.1877

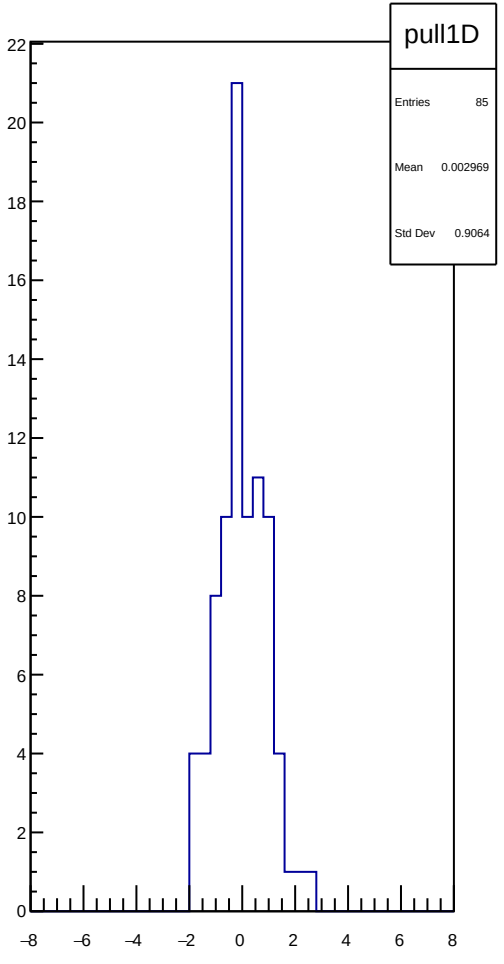

reg_asym_at2_avg_diff_bpm12X_slope vs run
χ² / ndf 23 / 84
p0 −279.4 ± 0.4311
pull
Entries 85
Mean −704
Std Dev 752.2

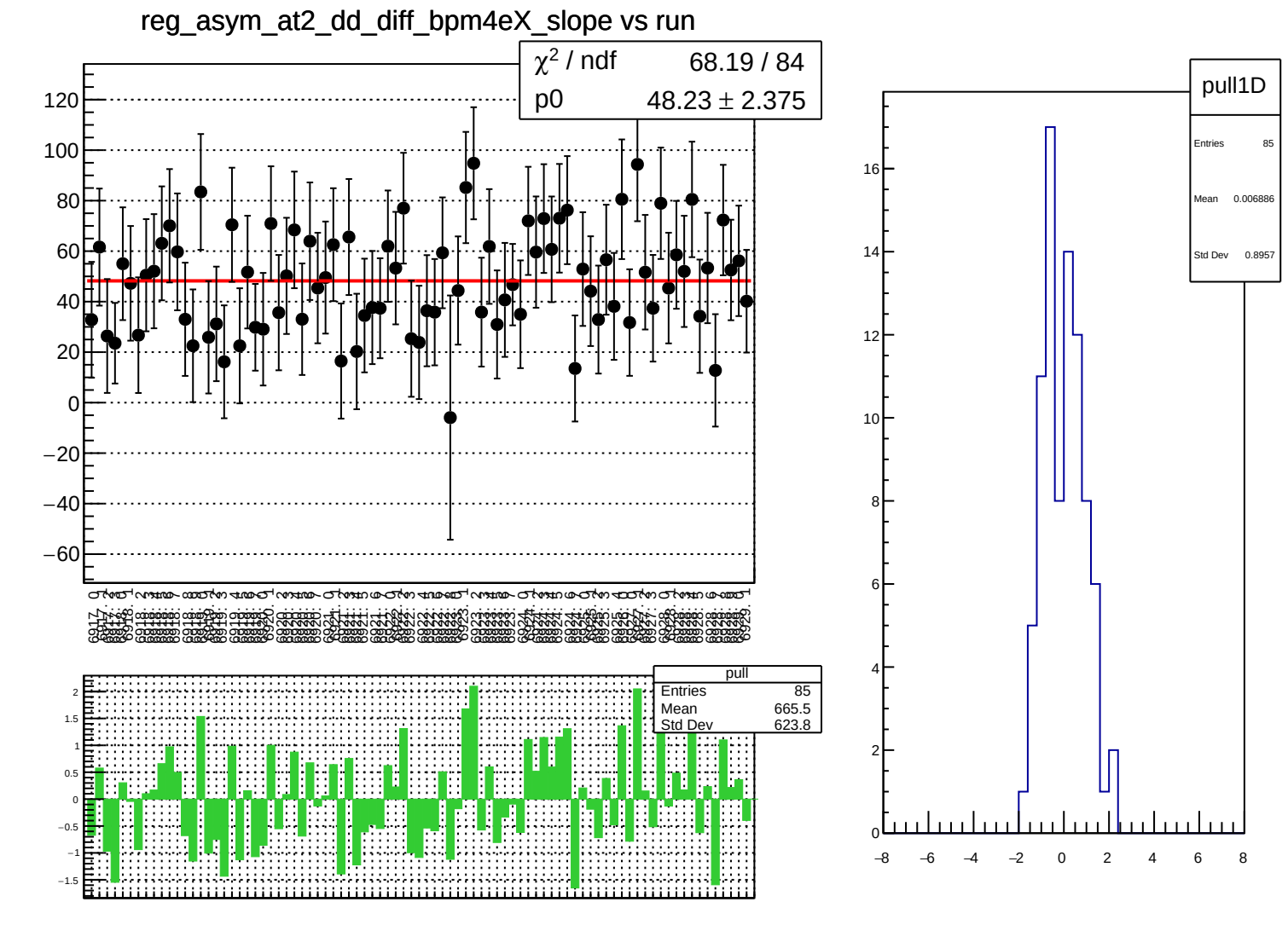

pull1D
Entries 85
Mean −0.003688
Std Dev 0.5201

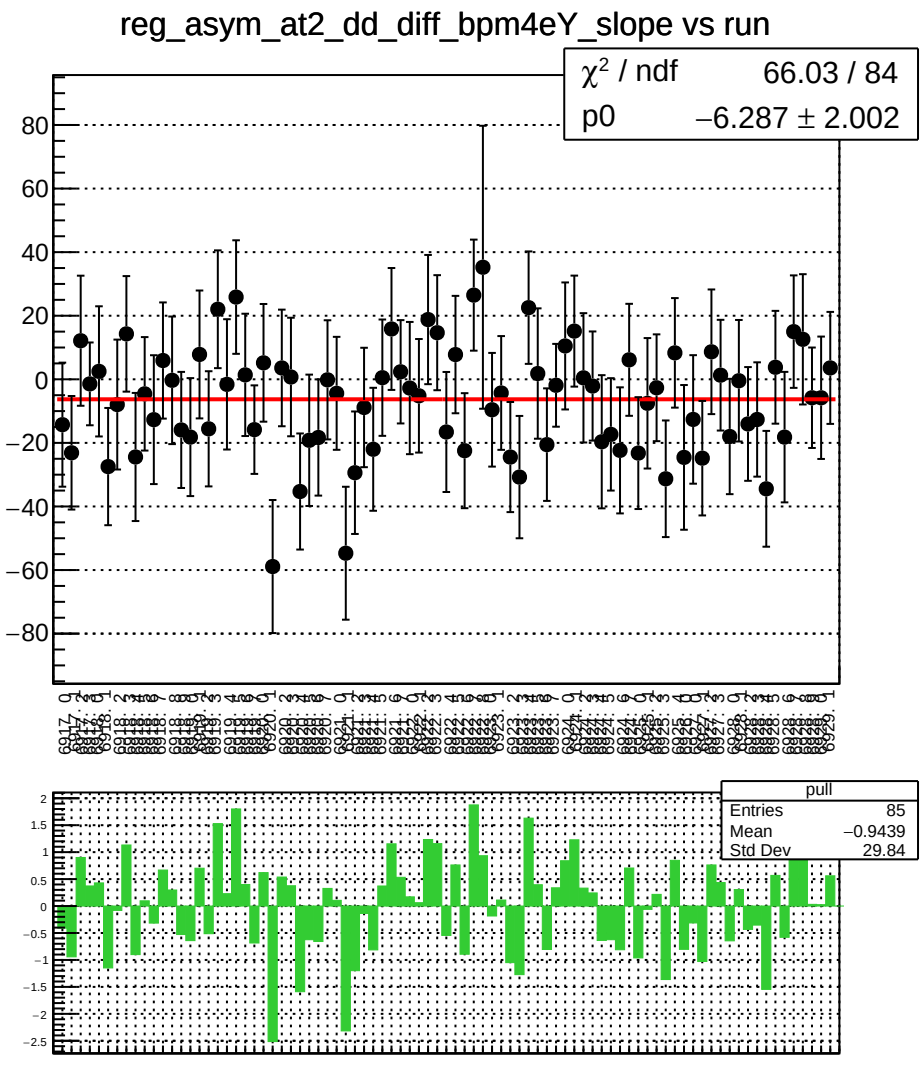

reg_asym_at2_dd_diff_bpm1X_slope vs run
χ² / ndf 67.61 / 84
p0 39.94 ± 2.56
150
100
50
0
−50
pull
Entries 85
Mean 676.7
Std Dev 633.9
1.5
1
0.5
0
−0.5
−1
−1.5
−2

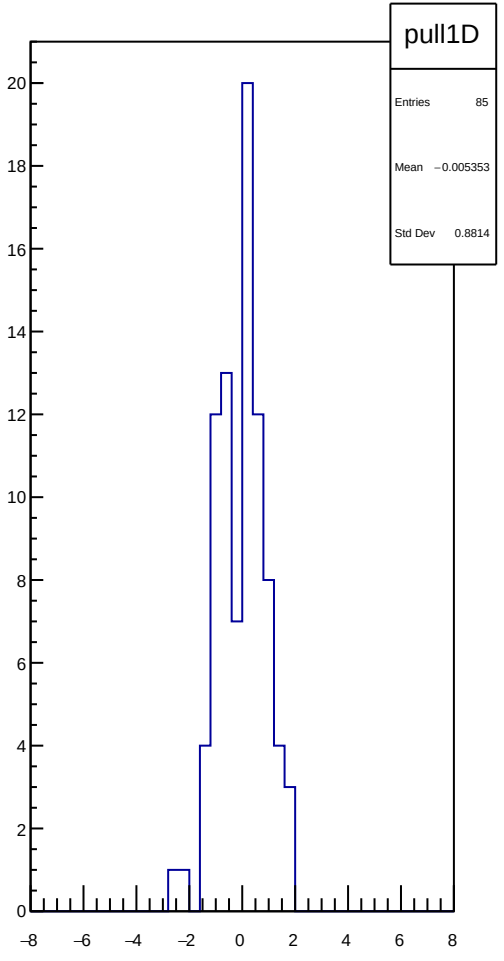

pull1D
Entries 85
Mean −0.006875
Std Dev 0.8919
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

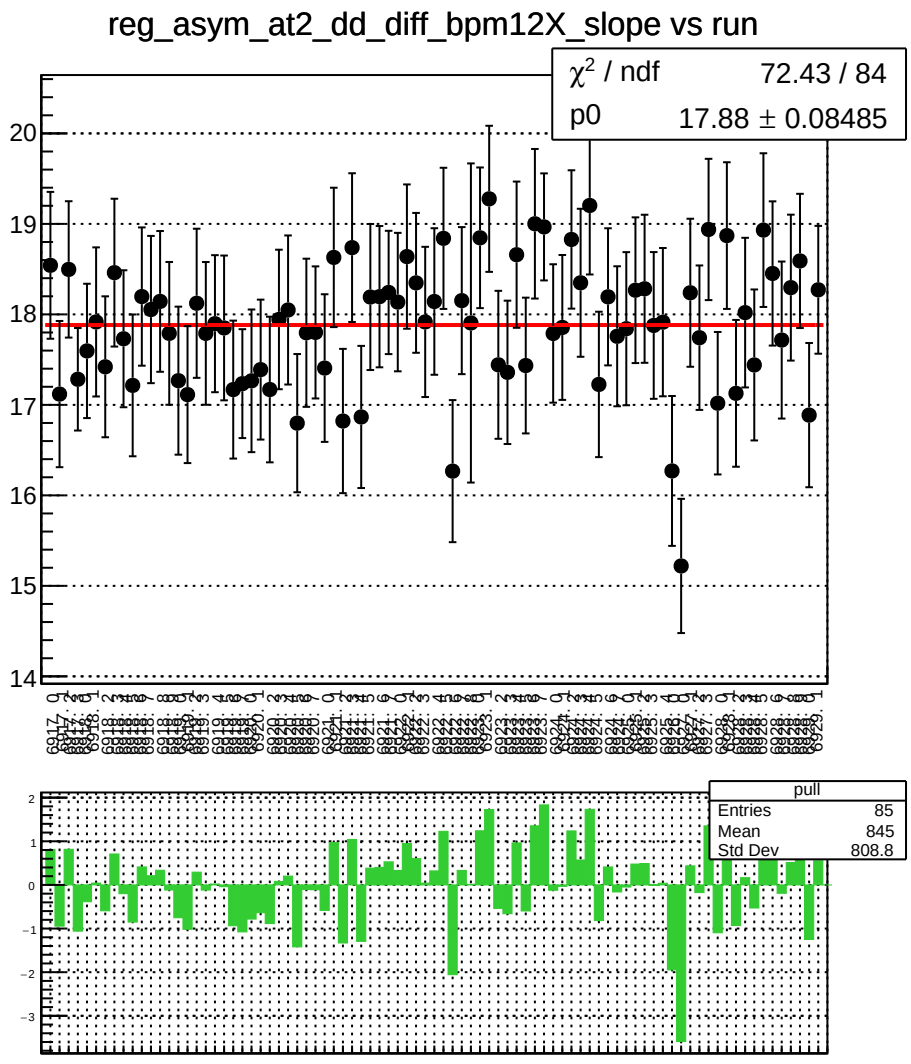

reg_asym_at2_dd_diff_bpm4aY_slope vs run
χ² / ndf 69.84 / 84
p0 −3.039 ± 1.765
pull
Entries 85
Mean 38.69
Std Dev 65.26

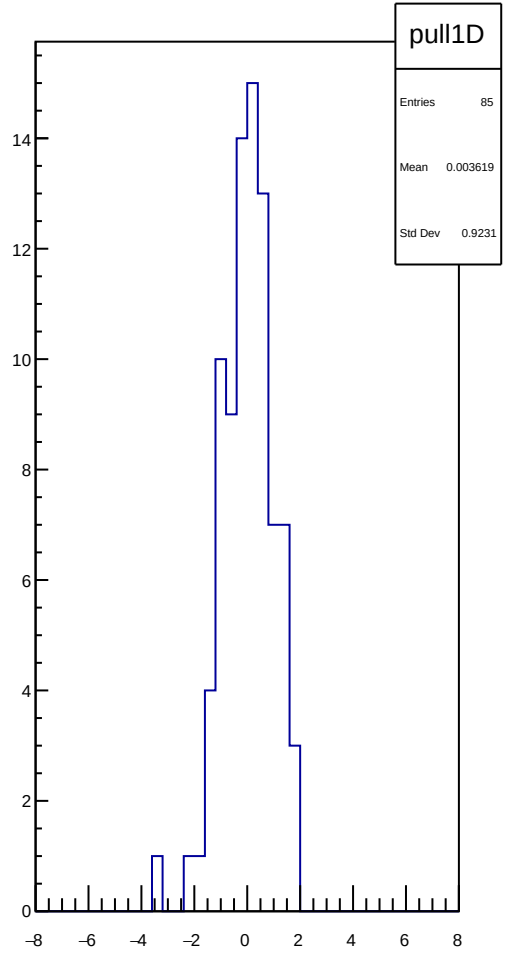

pull1D
Entries 85
Mean 0.002969
Std Dev 0.9064

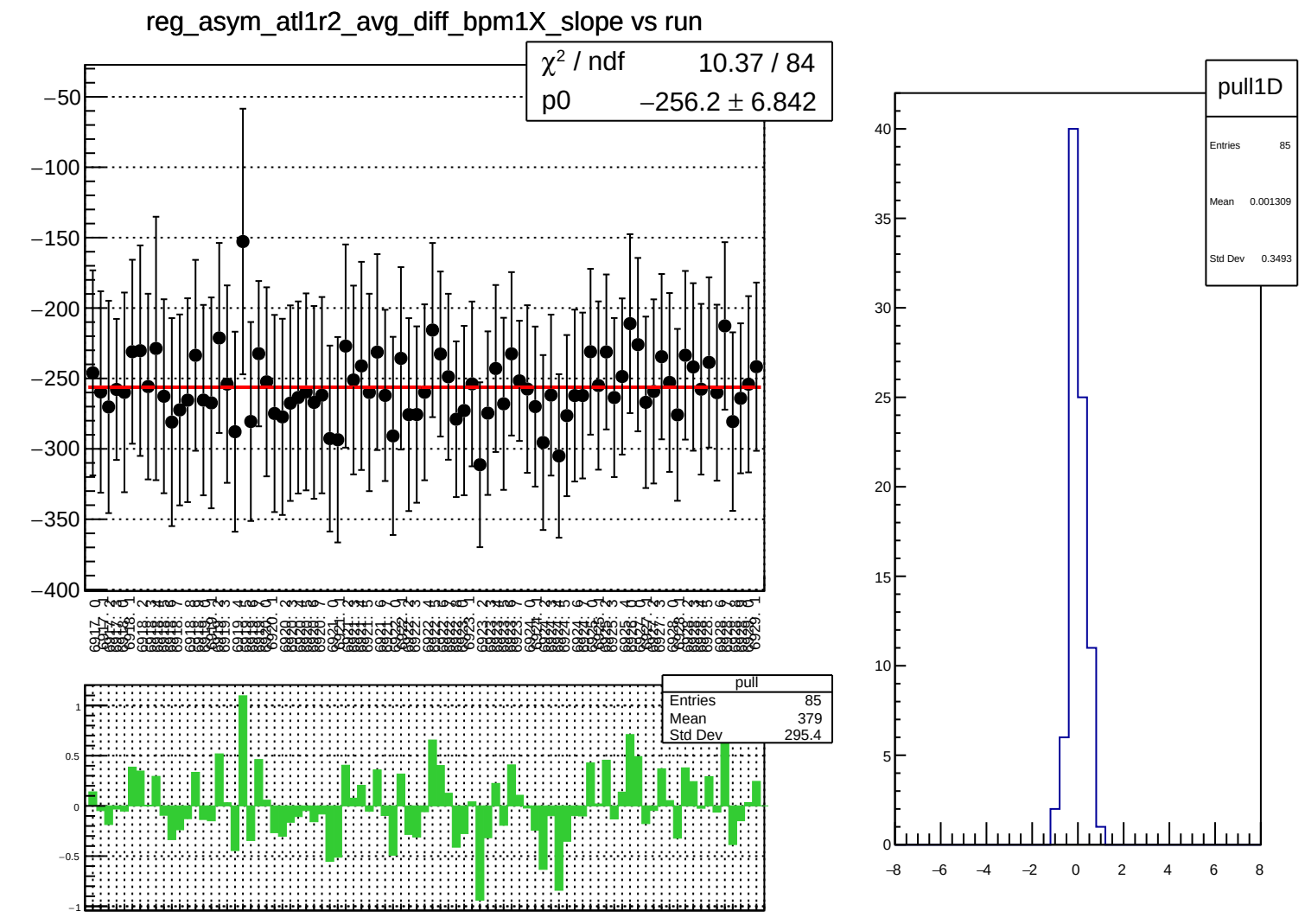

reg_asym_at2_dd_diff_bpm4eX_slope vs run
χ² / ndf 68.19 / 84
p0 48.23 ± 2.375
pull
Entries 85
Mean 665.5
Std Dev 623.8
pull1D
Entries 85
Mean 0.006886
Std Dev 0.8957

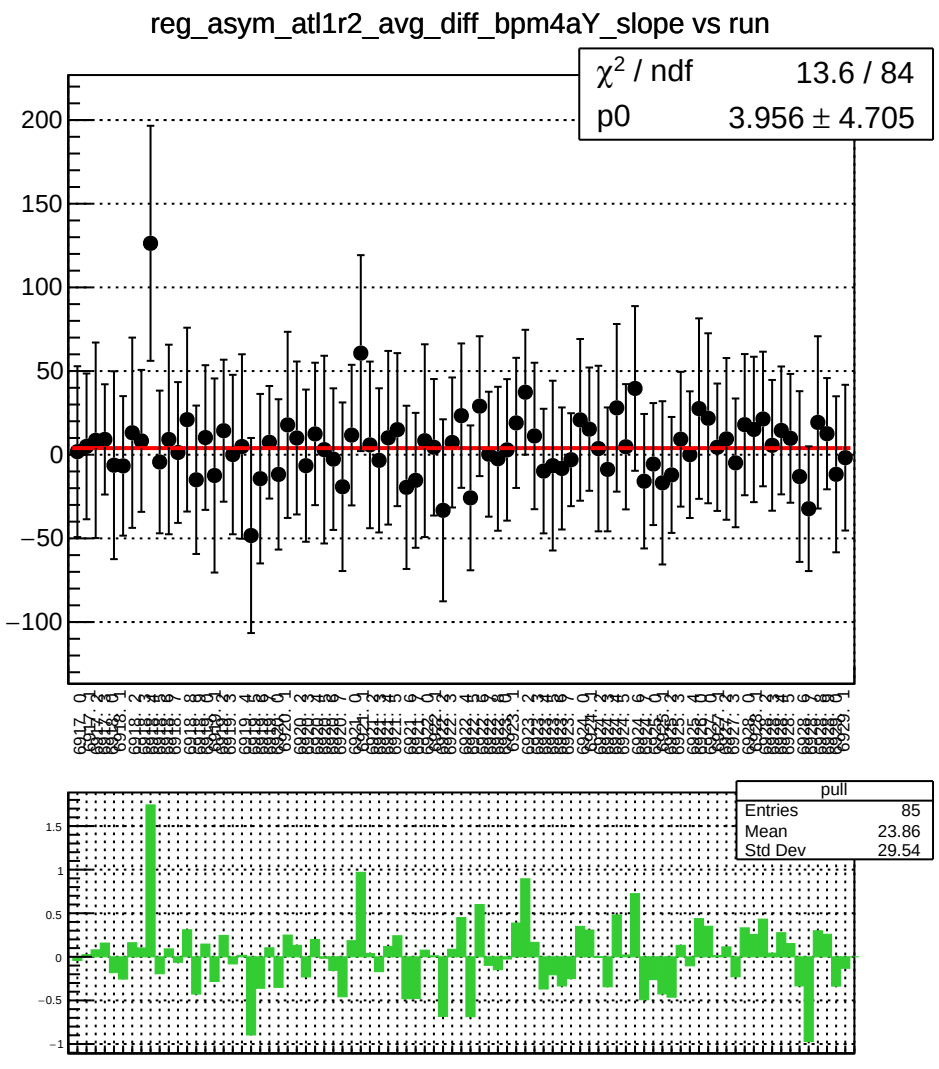

reg_asym_at2_dd_diff_bpm4eY_slope vs run
χ² / ndf 66.03 / 84
p0 −6.287 ± 2.002
pull
Entries 85
Mean −0.9439
Std Dev 29.84

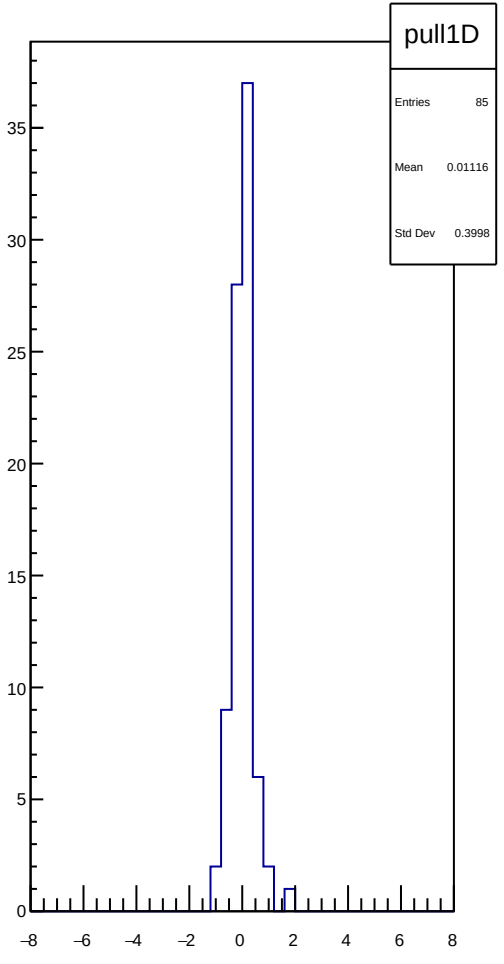

pull1D
Entries 85
Mean −0.005353
Std Dev 0.8814

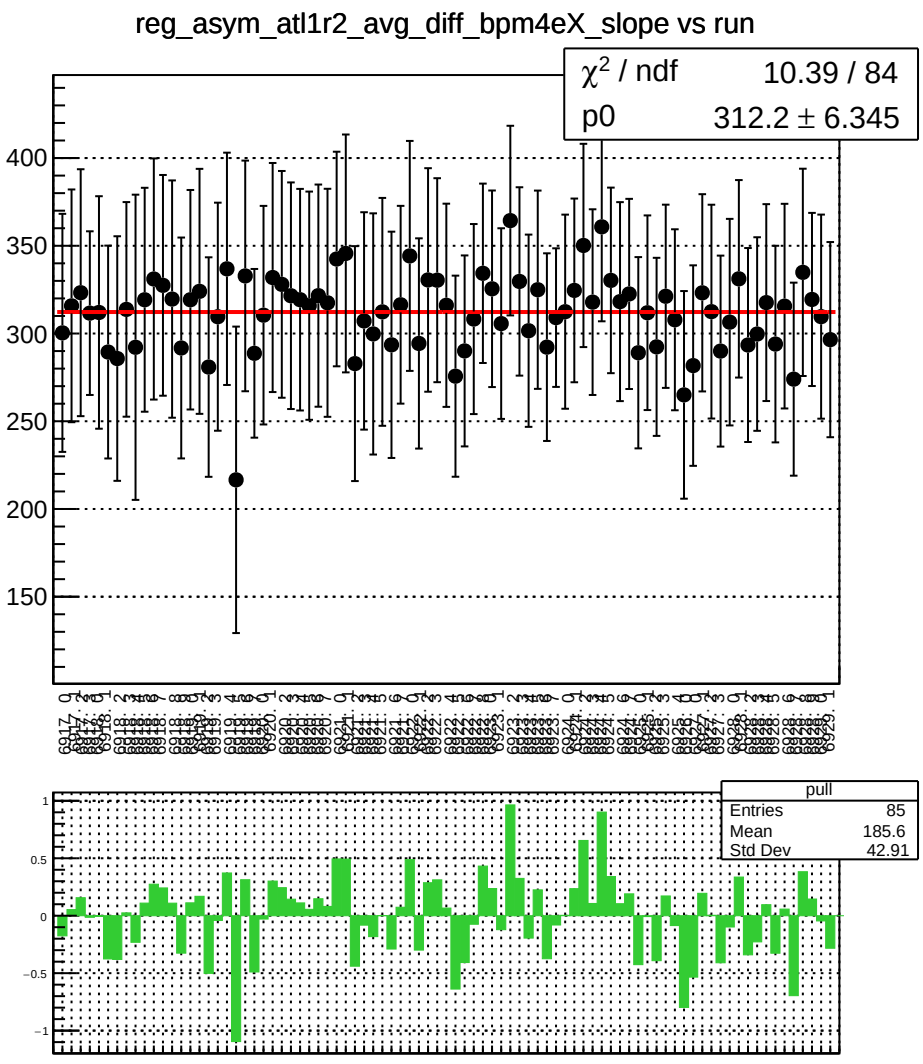

reg_asym_at2_dd_diff_bpm12X_slope vs run
χ² / ndf 72.43 / 84
p0 17.88 ± 0.08485
pull
Entries 85
Mean 845
Std Dev 808.8

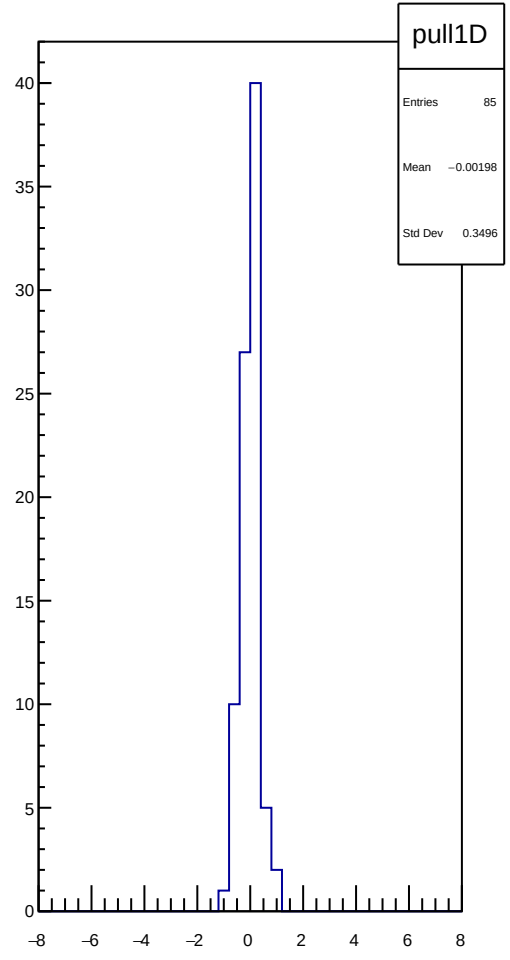

pull1D
Entries 85
Mean 0.003619
Std Dev 0.9231

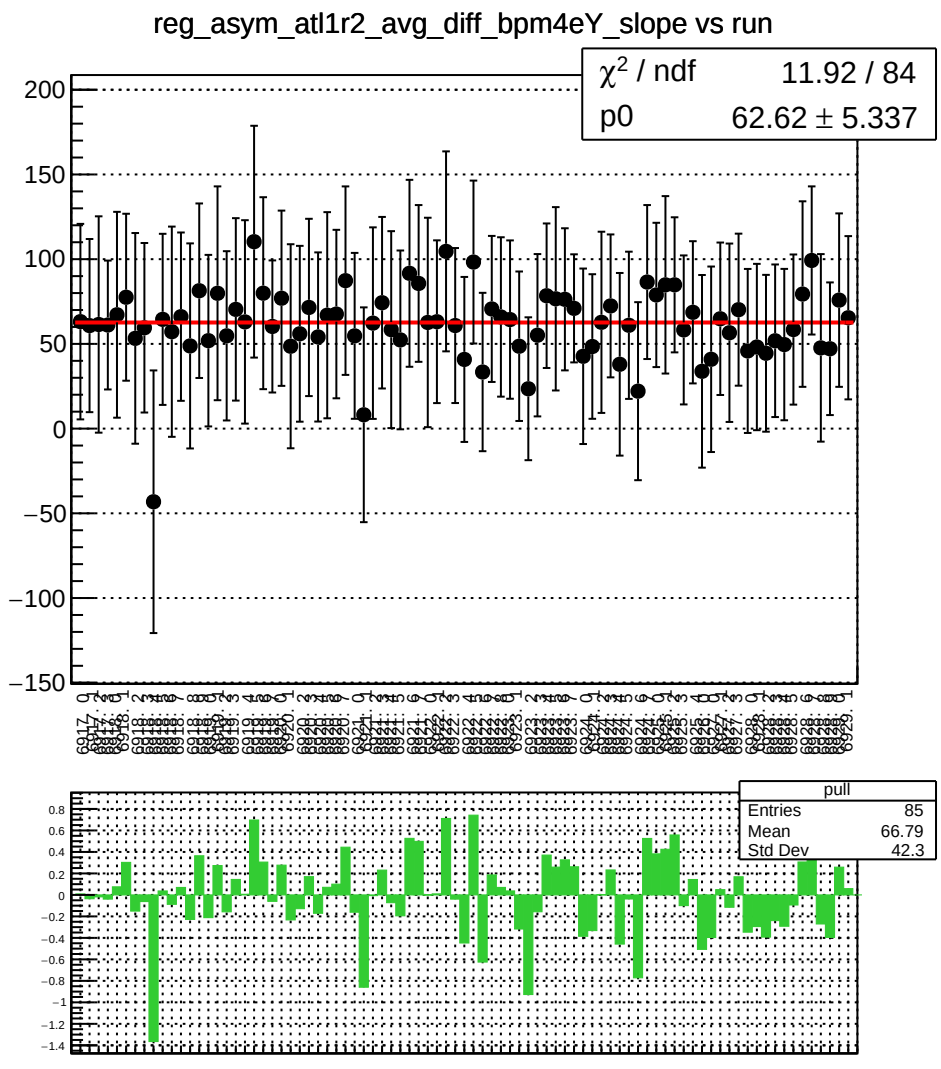

reg_asym_atl1r2_avg_diff_bpm1X_slope vs run
χ² / ndf 10.37 / 84
p0 −256.2 ± 6.842
pull
Entries 85
Mean 379
Std Dev 295.4
pull1D
Entries 85
Mean 0.001309
Std Dev 0.3493

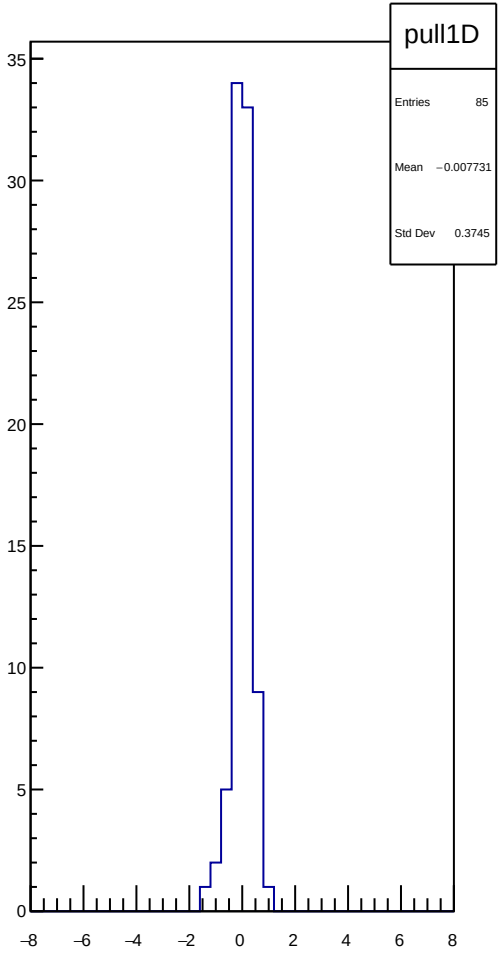

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs run
χ² / ndf 13.6 / 84
p0 3.956 ± 4.705
pull
Entries 85
Mean 23.86
Std Dev 29.54

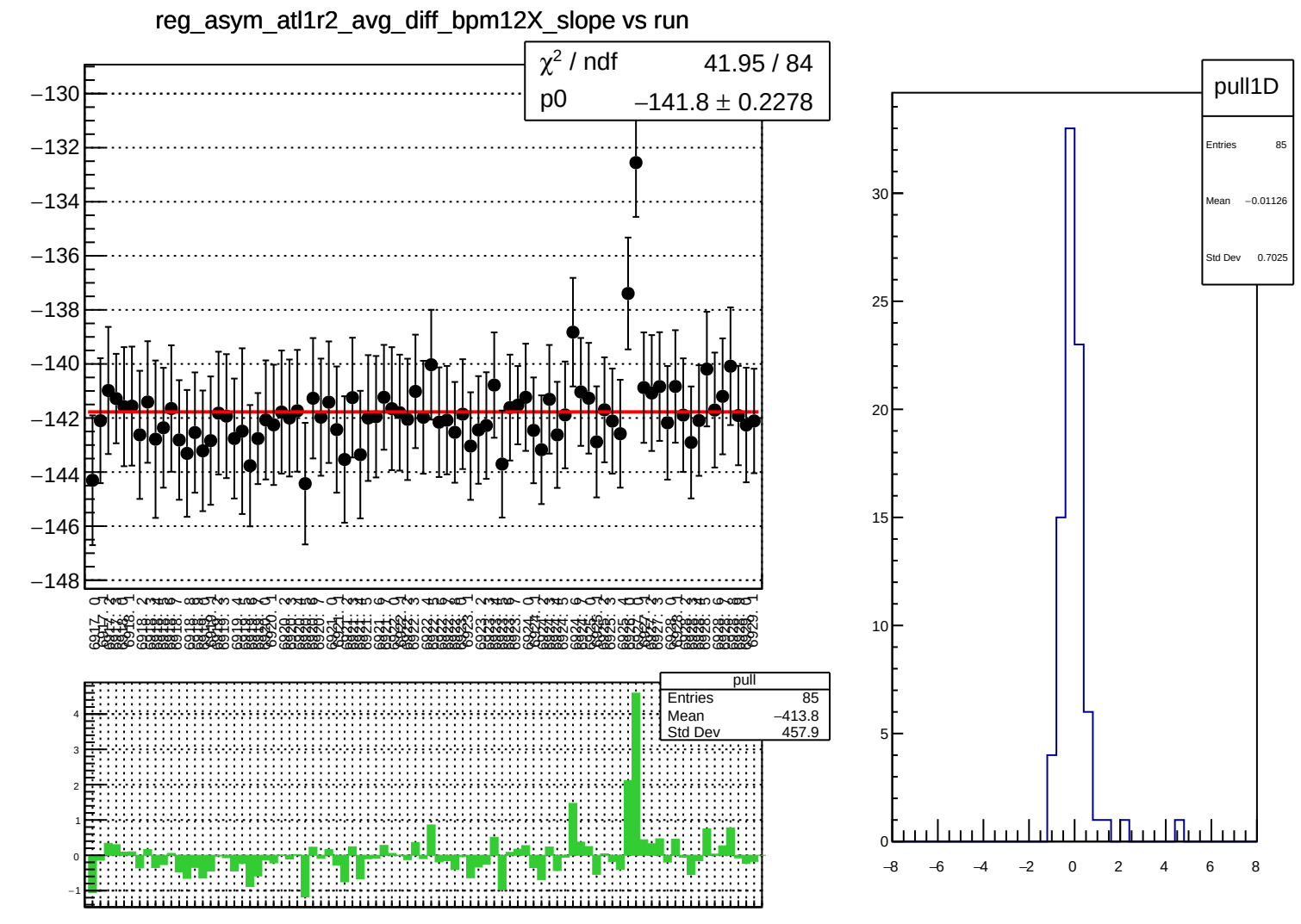

pull1D
Entries 85
Mean 0.01116
Std Dev 0.3998

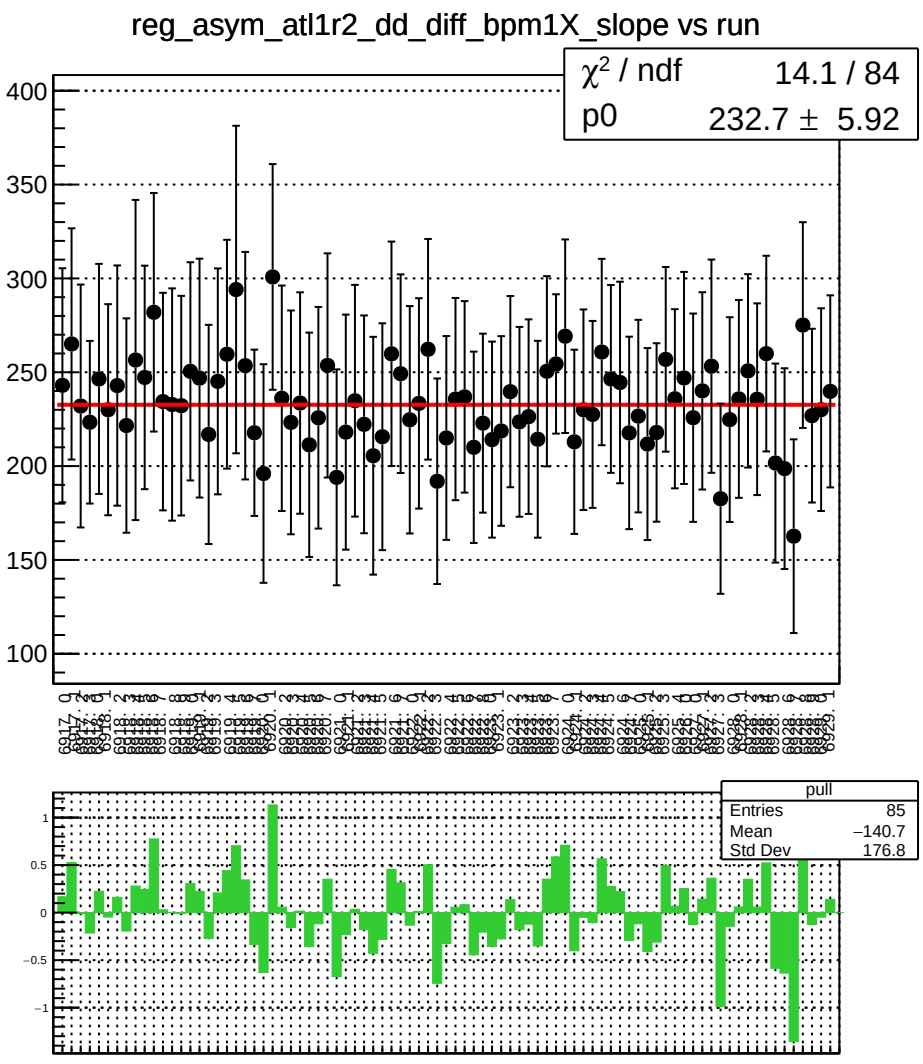

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs run
χ² / ndf 10.39 / 84
p0 312.2 ± 6.345
400
350
300
250
200
150
pull
Entries 85
Mean 185.6
Std Dev 42.91
1
0.5
0
−0.5
−1

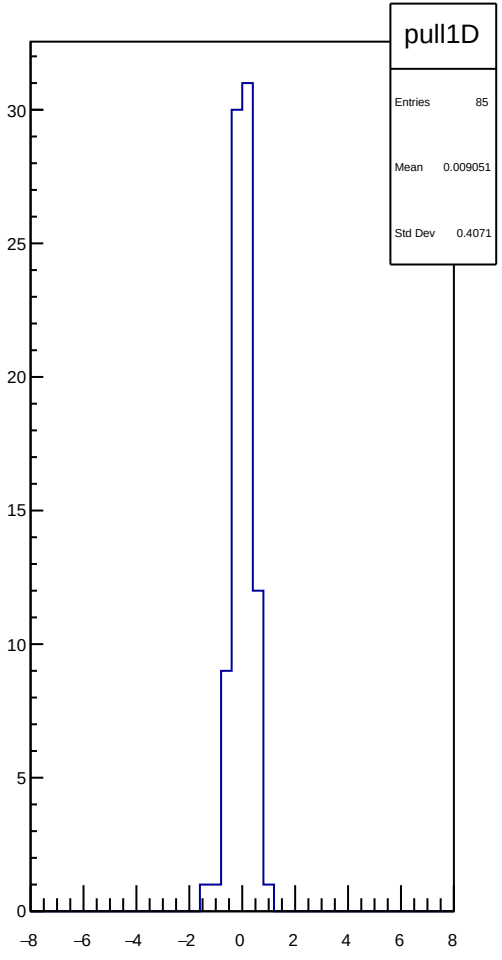

pull1D
Entries 85
Mean −0.00198
Std Dev 0.3496
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

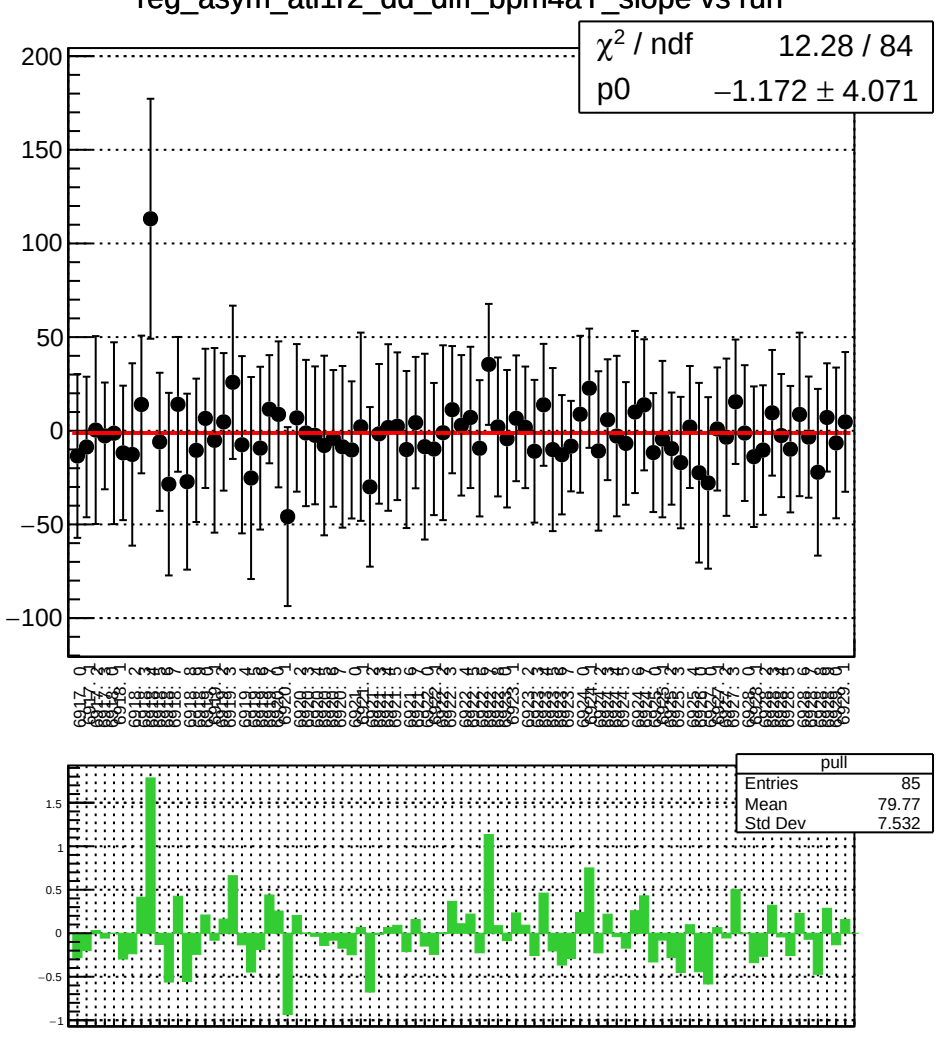

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs run
χ² / ndf 11.92 / 84
p0 62.62 ± 5.337
pull
Entries 85
Mean 66.79
Std Dev 42.3

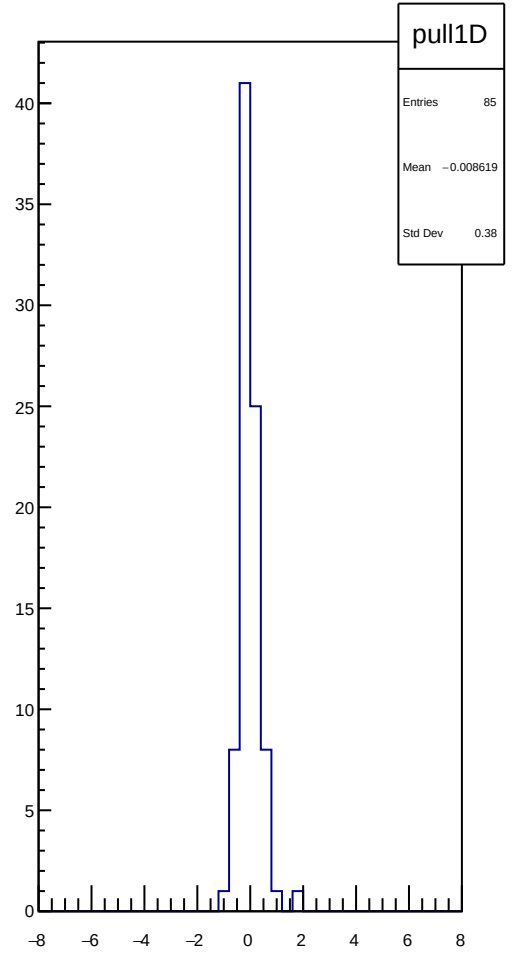

pull1D
Entries 85
Mean −0.007731
Std Dev 0.3745

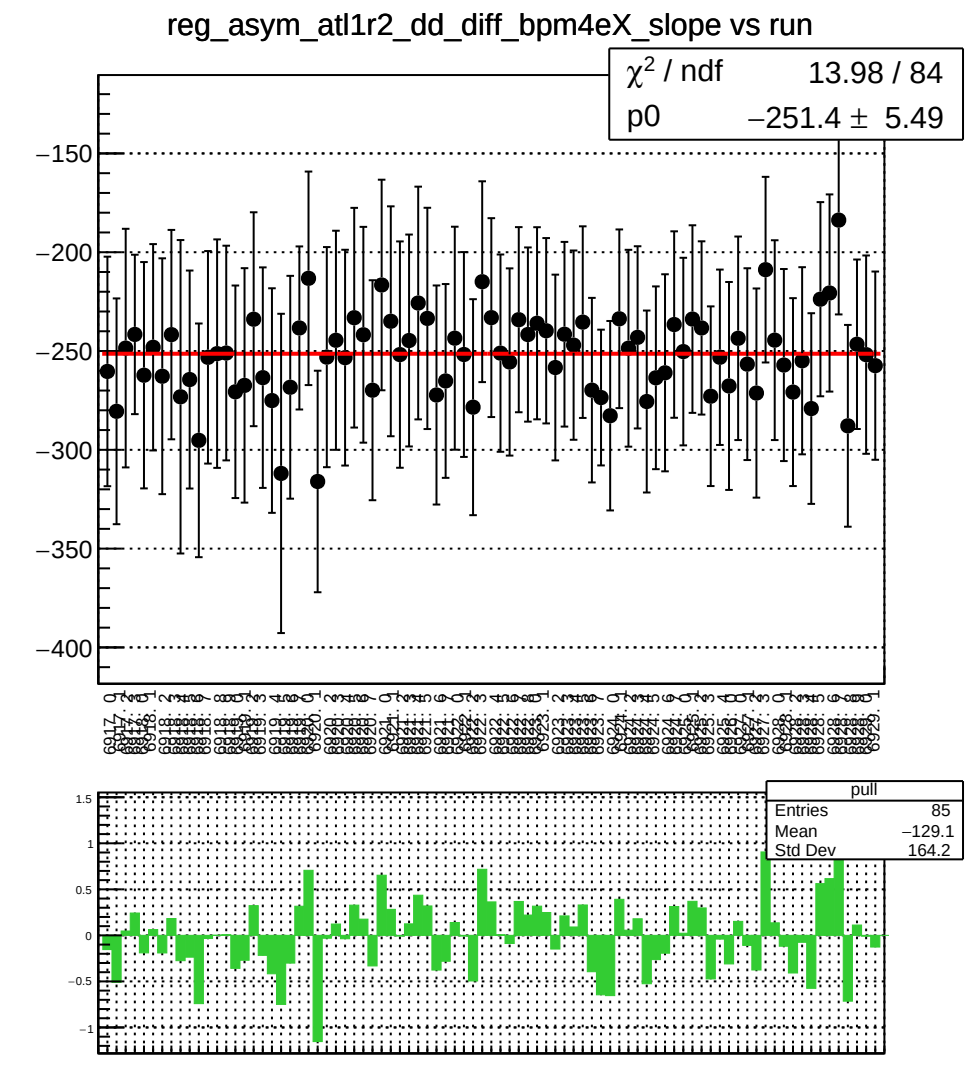

reg_asym_atl1r2_avg_diff_bpm12X_slope vs run
χ² / ndf 41.95 / 84
p0 −141.8 ± 0.2278
pull
Entries 85
Mean −413.8
Std Dev 457.9
pull1D
Entries 85
Mean −0.01126
Std Dev 0.7025

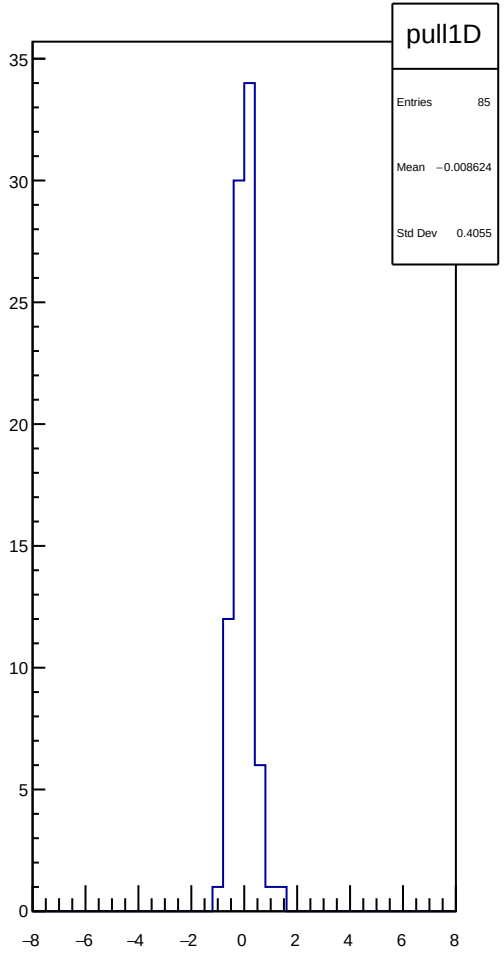

reg_asym_atl1r2_dd_diff_bpm1X_slope vs run
χ² / ndf 14.1 / 84
p0 232.7 ± 5.92
pull
Entries 85
Mean −140.7
Std Dev 176.8

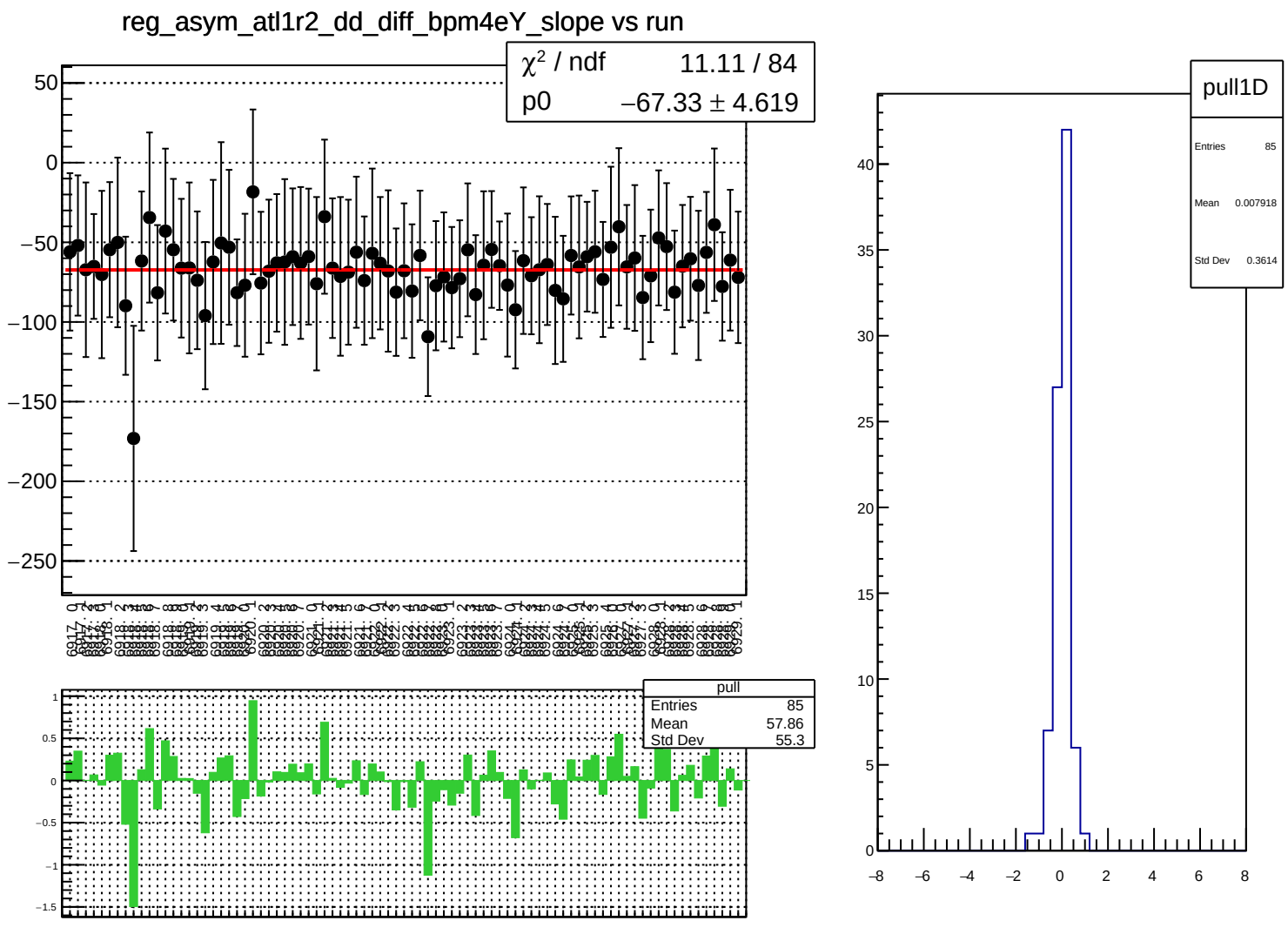

pull1D
Entries 85
Mean 0.009051
Std Dev 0.4071

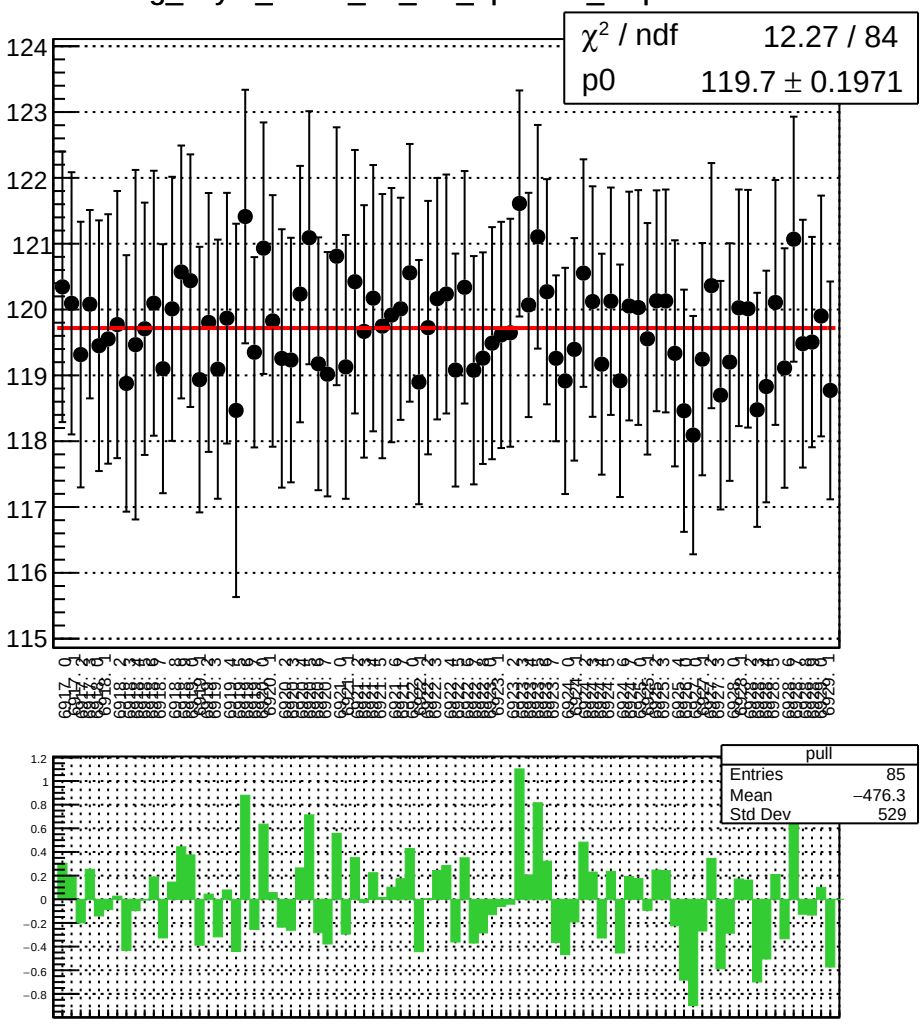

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs run
χ² / ndf 12.28 / 84
p0 −1.172 ± 4.071
pull
Entries 85
Mean 79.77
Std Dev 7.532

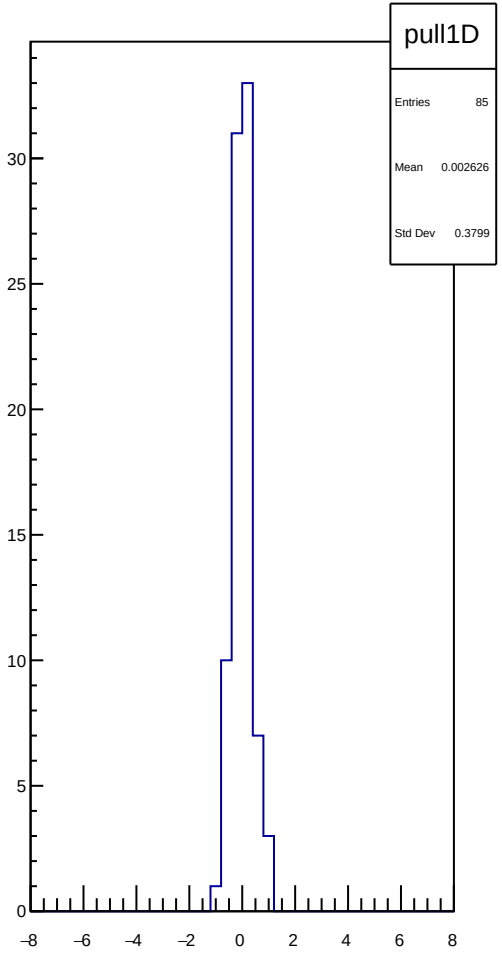

pull1D
Entries 85
Mean −0.008619
Std Dev 0.38

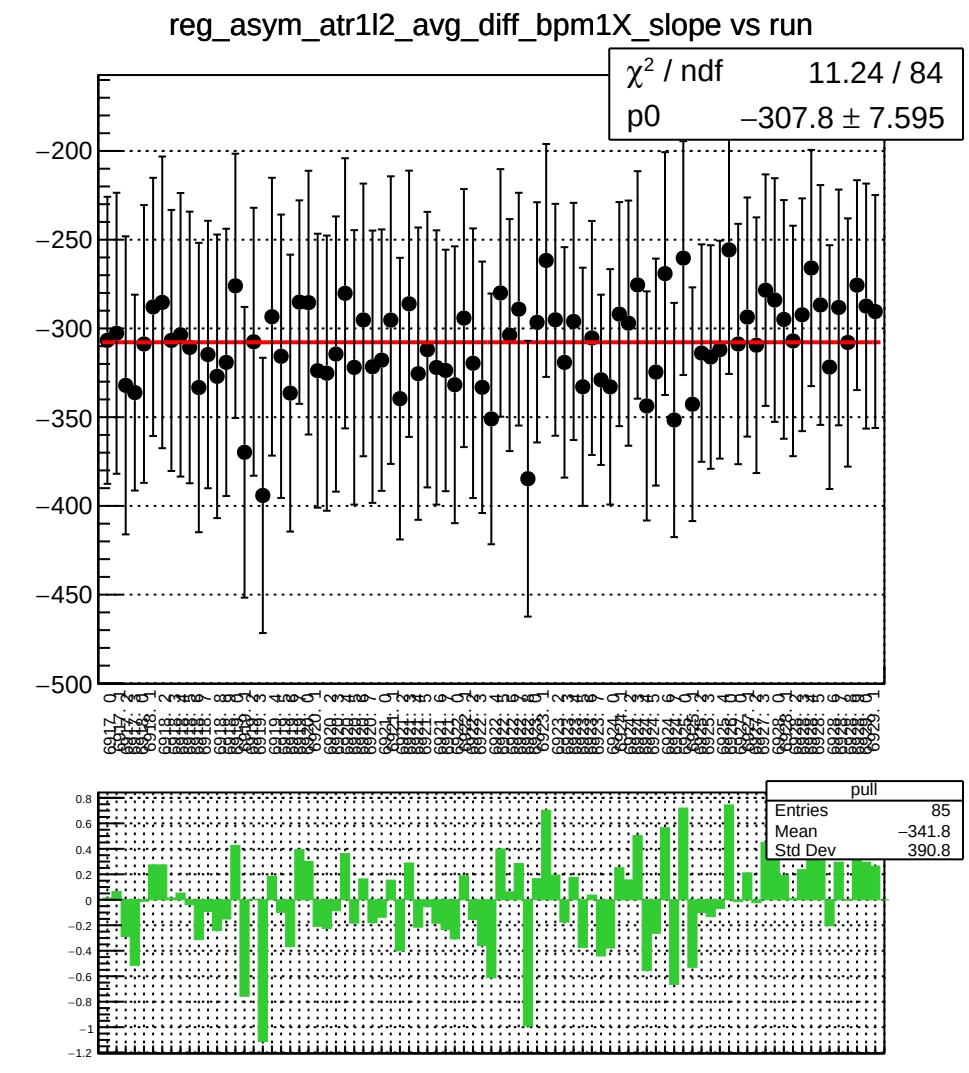

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs run
χ² / ndf 13.98 / 84
p0 −251.4 ± 5.49
−150
−200
−250
−300
−350
−400
pull
Entries 85
Mean −129.1
Std Dev 164.2
1.5
1
0.5
0
−0.5
−1

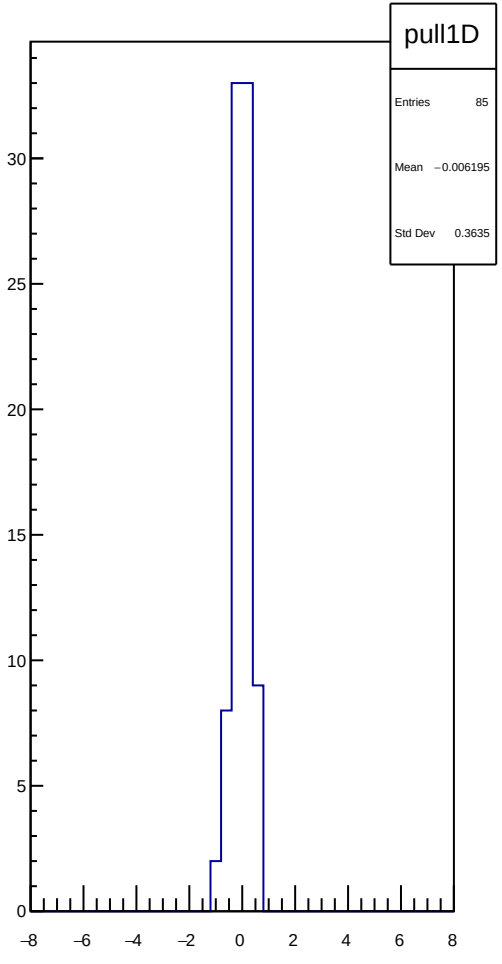

pull1D
Entries 85
Mean −0.008624
Std Dev 0.4055
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

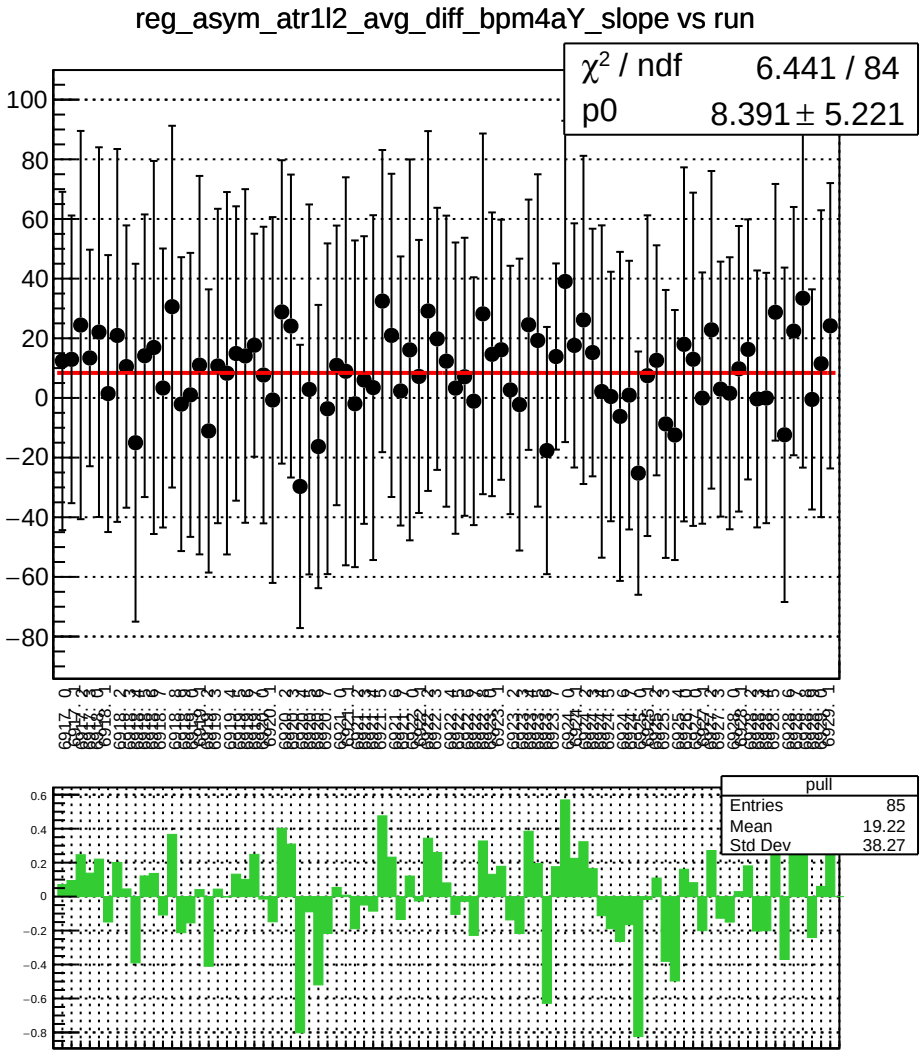

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs run
χ² / ndf 11.11 / 84
p0 −67.33 ± 4.619
pull
Entries 85
Mean 57.86
Std Dev 55.3
pull1D
Entries 85
Mean 0.007918
Std Dev 0.3614

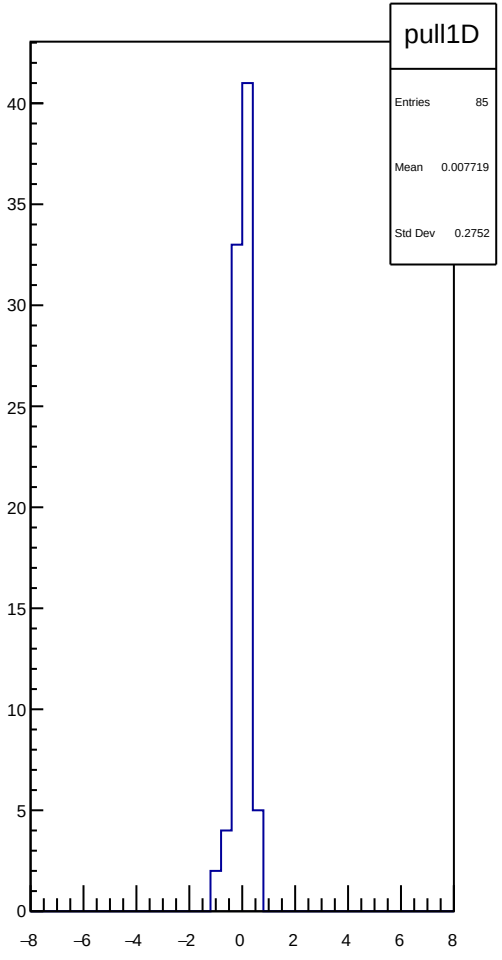

reg_asym_atl1r2_dd_diff_bpm12X_slope vs run
χ² / ndf 12.27 / 84
p0 119.7 ± 0.1971
pull
Entries 85
Mean −476.3
Std Dev 529

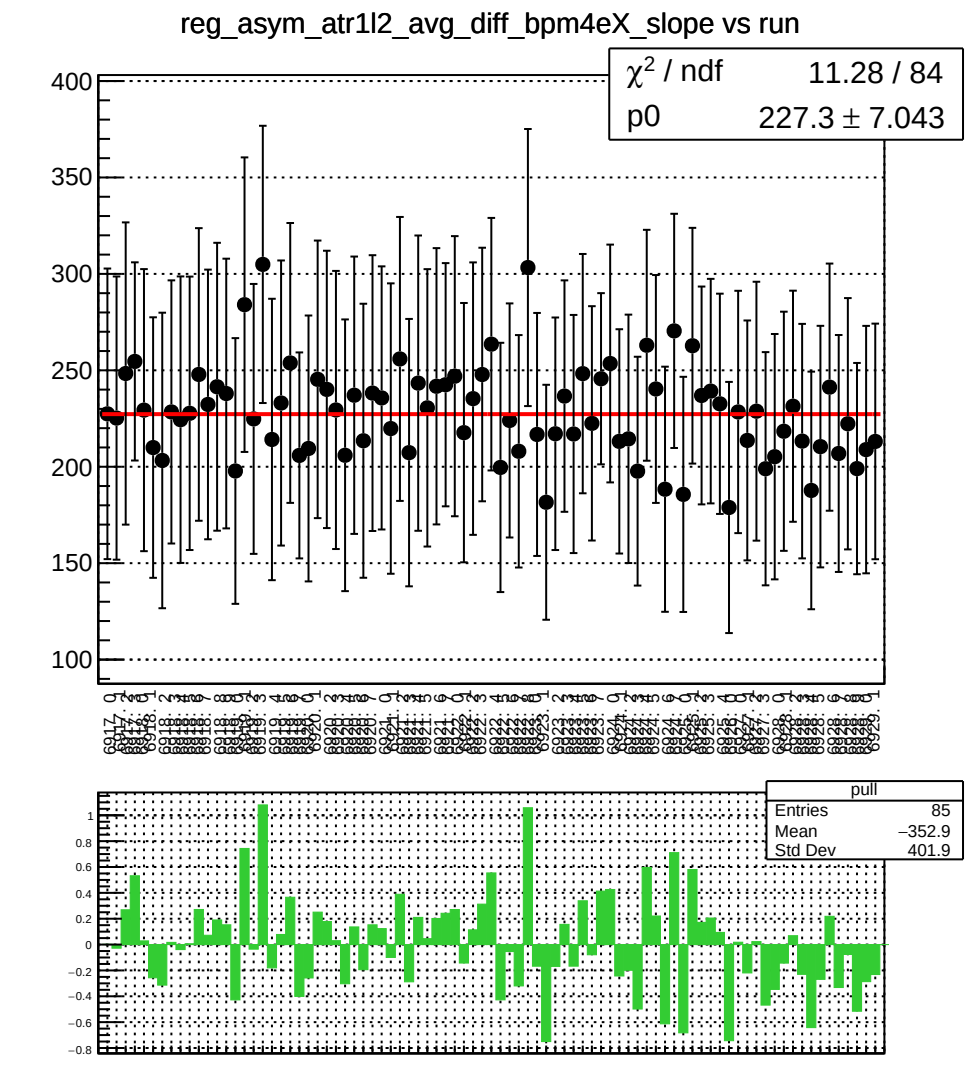

pull1D
Entries 85
Mean 0.002626
Std Dev 0.3799

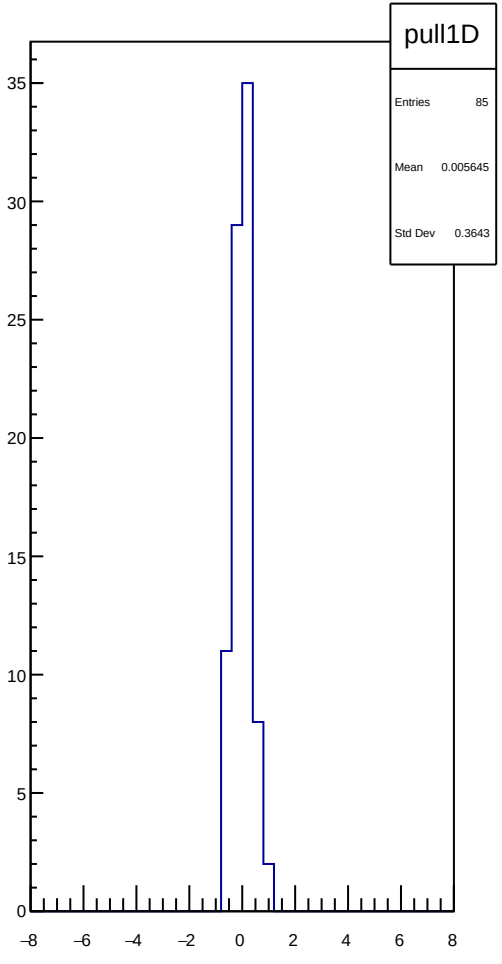

reg_asym_atr1l2_avg_diff_bpm1X_slope vs run
χ² / ndf 11.24 / 84
p0 −307.8 ± 7.595
pull
Entries 85
Mean −341.8
Std Dev 390.8

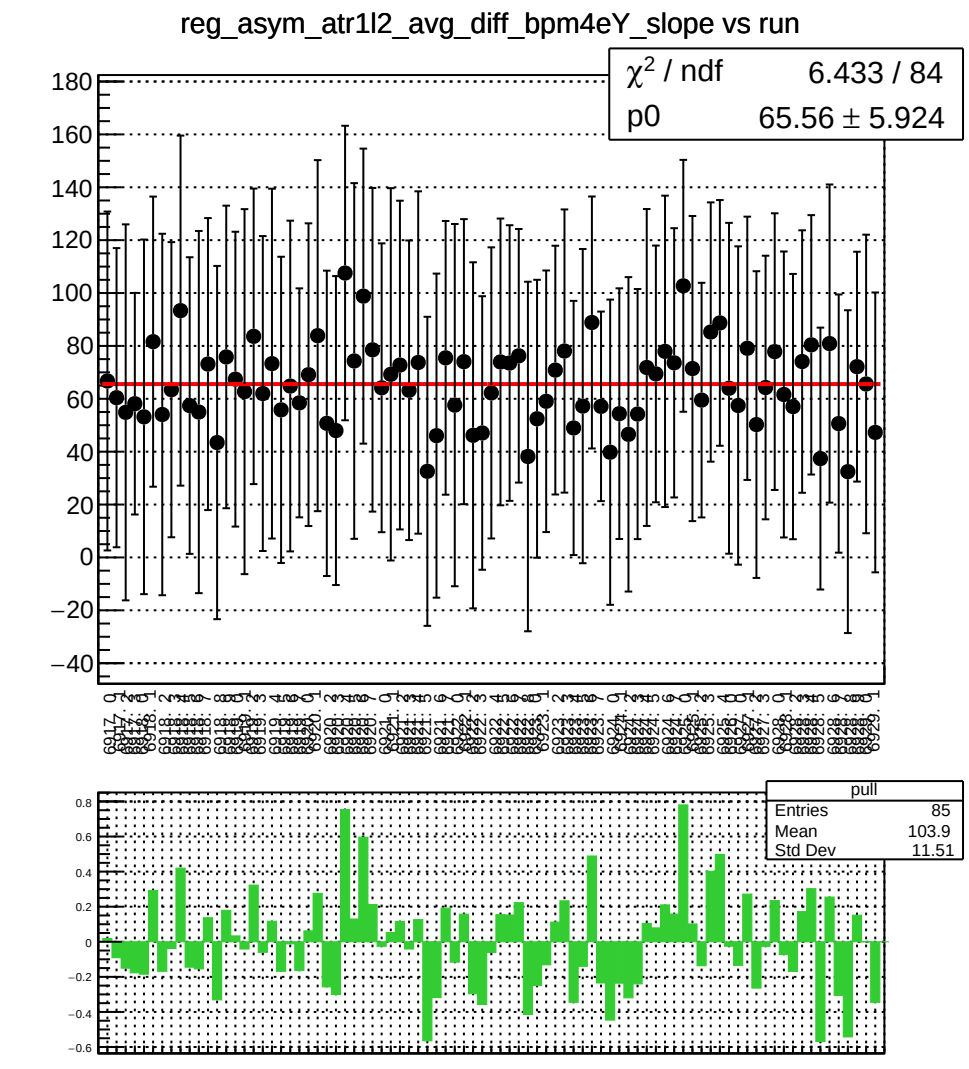

pull1D
Entries 85
Mean −0.006195
Std Dev 0.3635

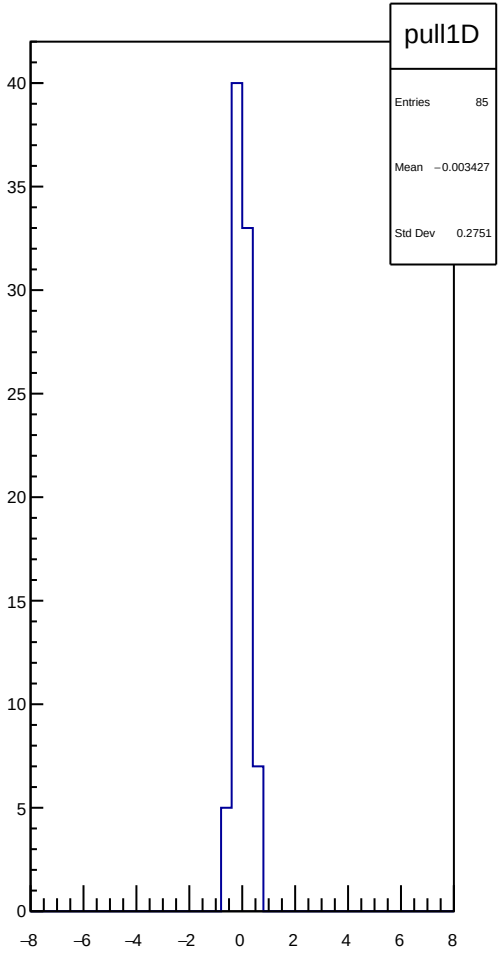

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs run
χ² / ndf 6.441 / 84
p0 8.391 ± 5.221
pull
Entries 85
Mean 19.22
Std Dev 38.27

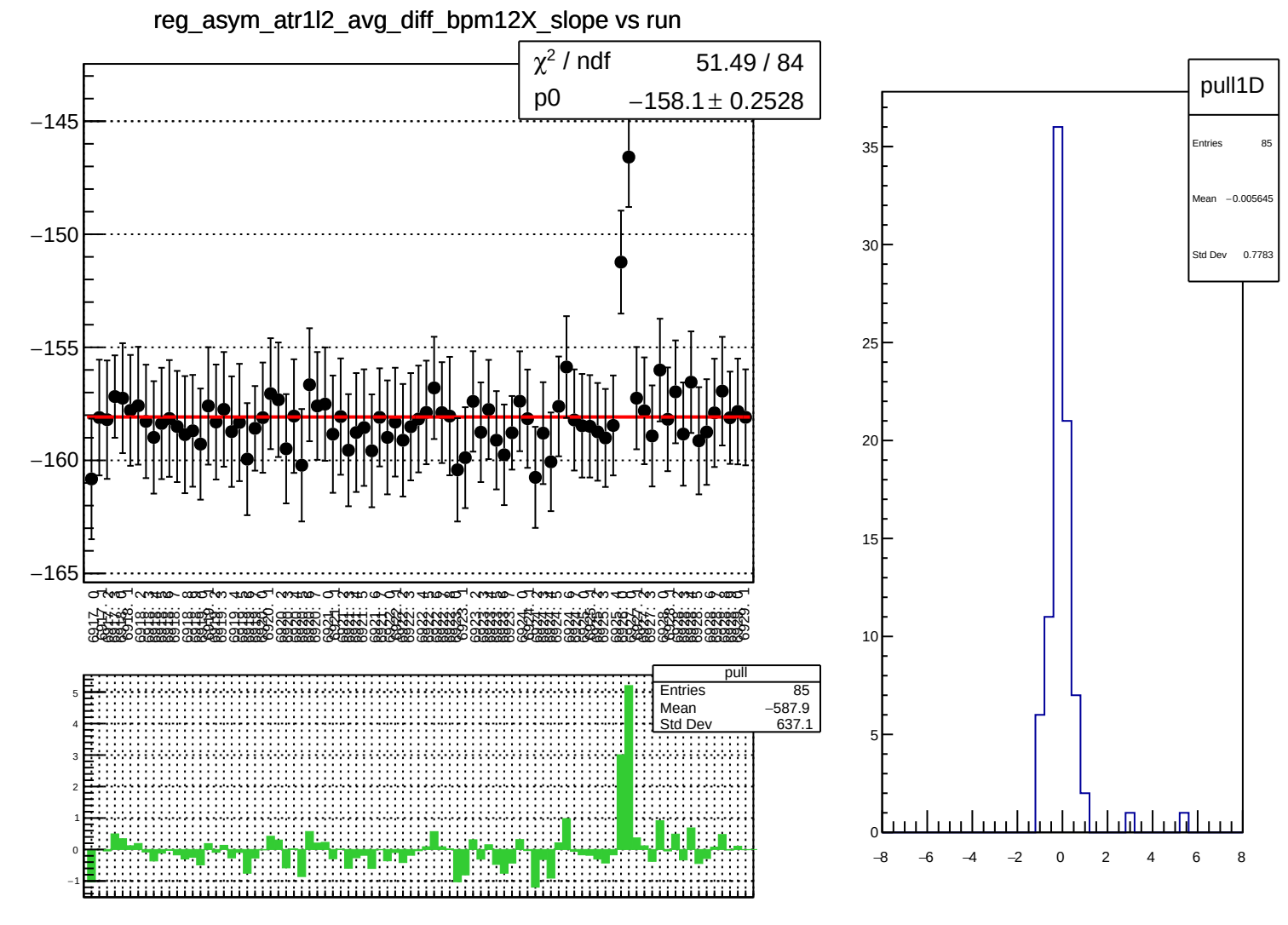

pull1D
Entries 85
Mean 0.007719
Std Dev 0.2752

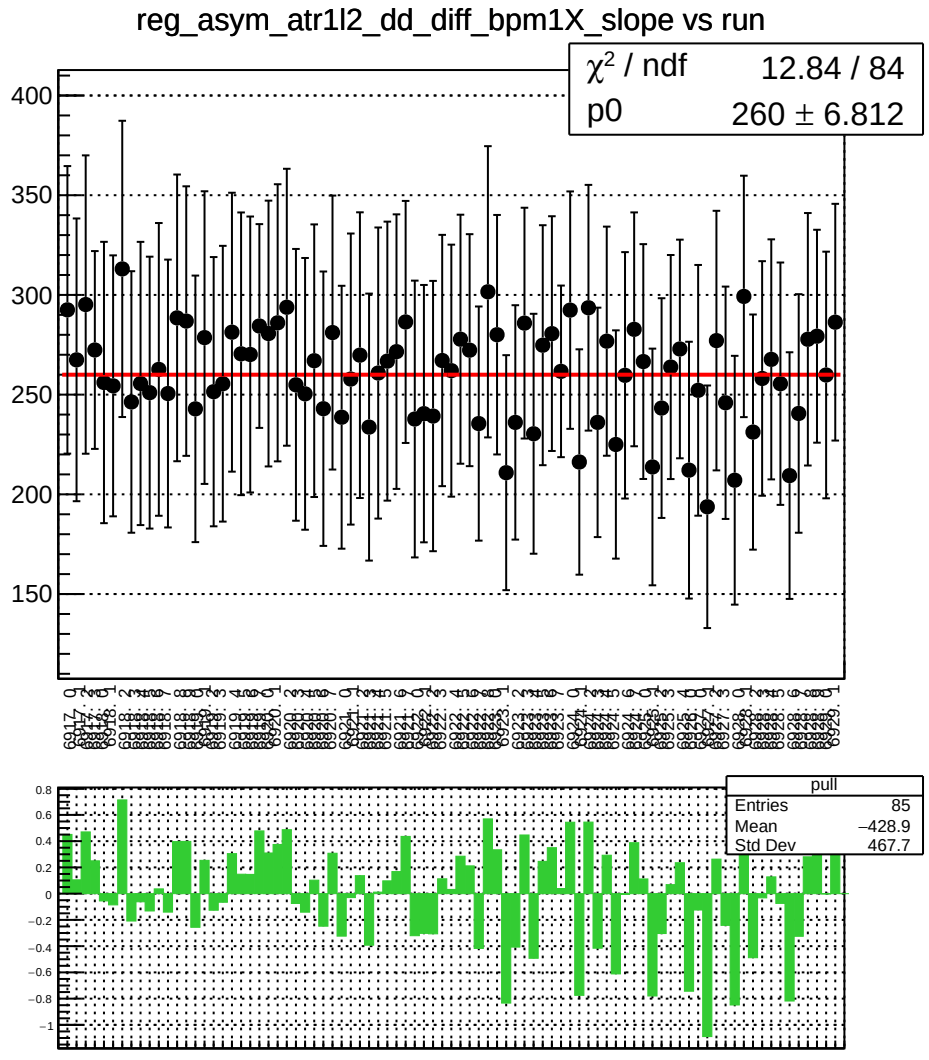

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs run
χ² / ndf 11.28 / 84
p0 227.3 ± 7.043
pull
Entries 85
Mean −352.9
Std Dev 401.9

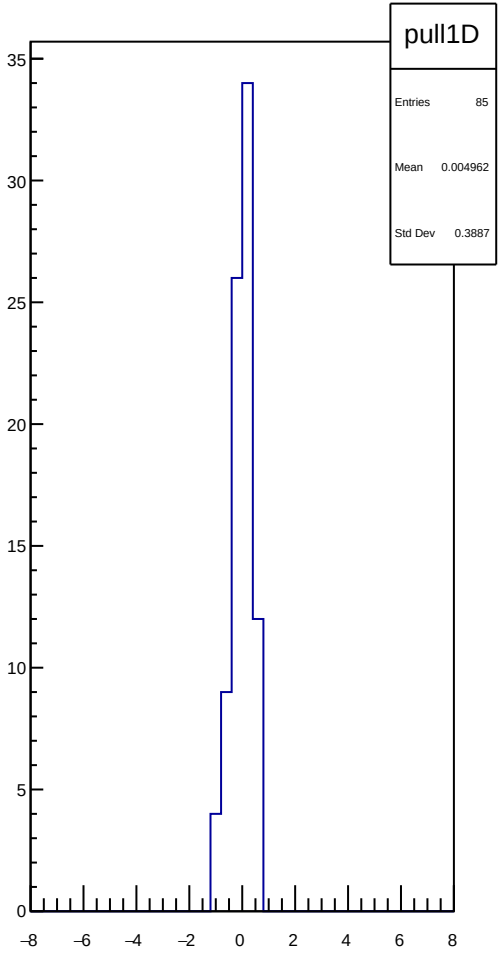

pull1D
Entries 85
Mean 0.005645
Std Dev 0.3643

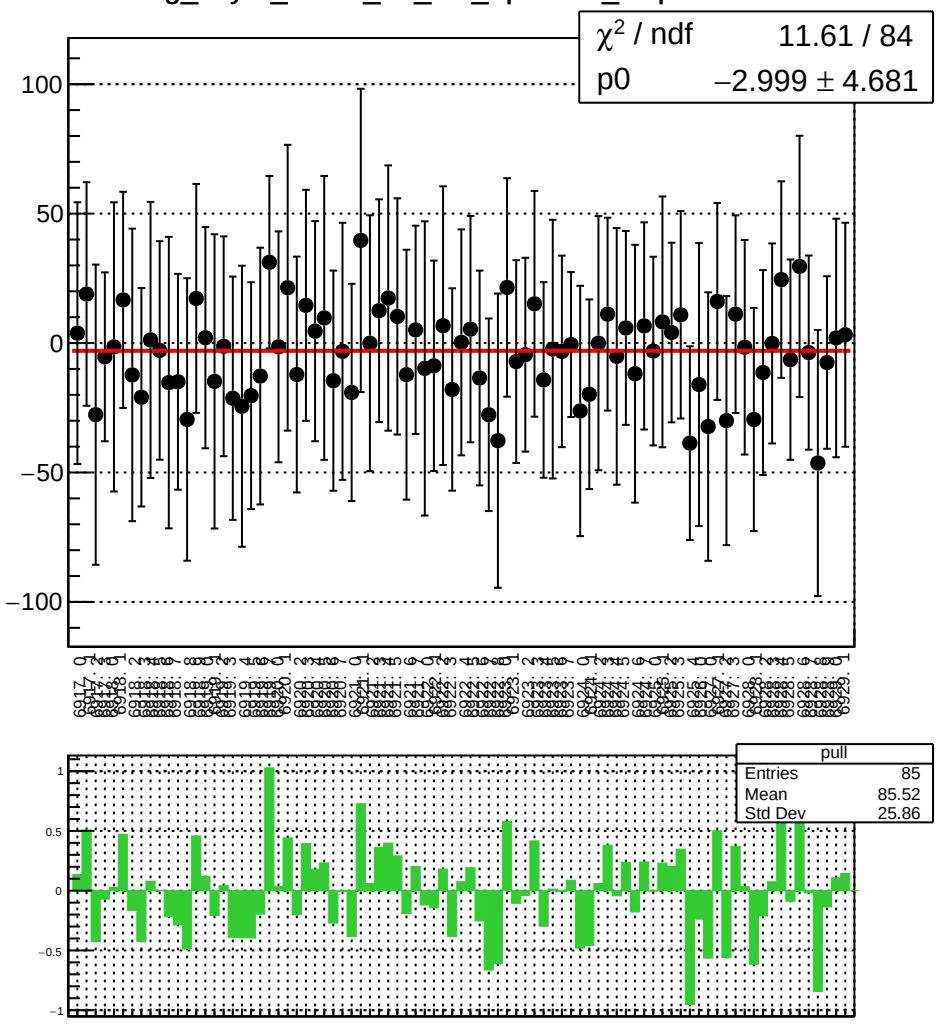

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.433 / 84
p0 65.56 ± 5.924
pull
Entries 85
Mean 103.9
Std Dev 11.51

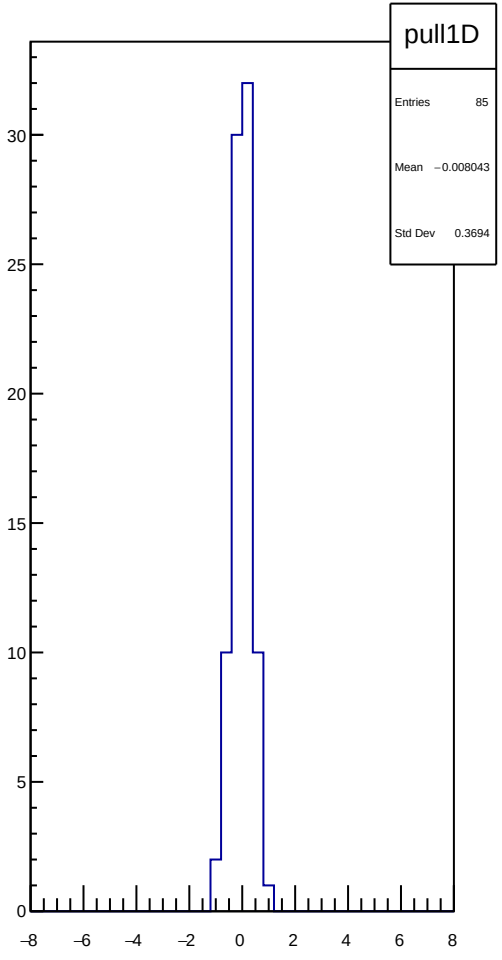

pull1D
Entries 85
Mean −0.003427
Std Dev 0.2751

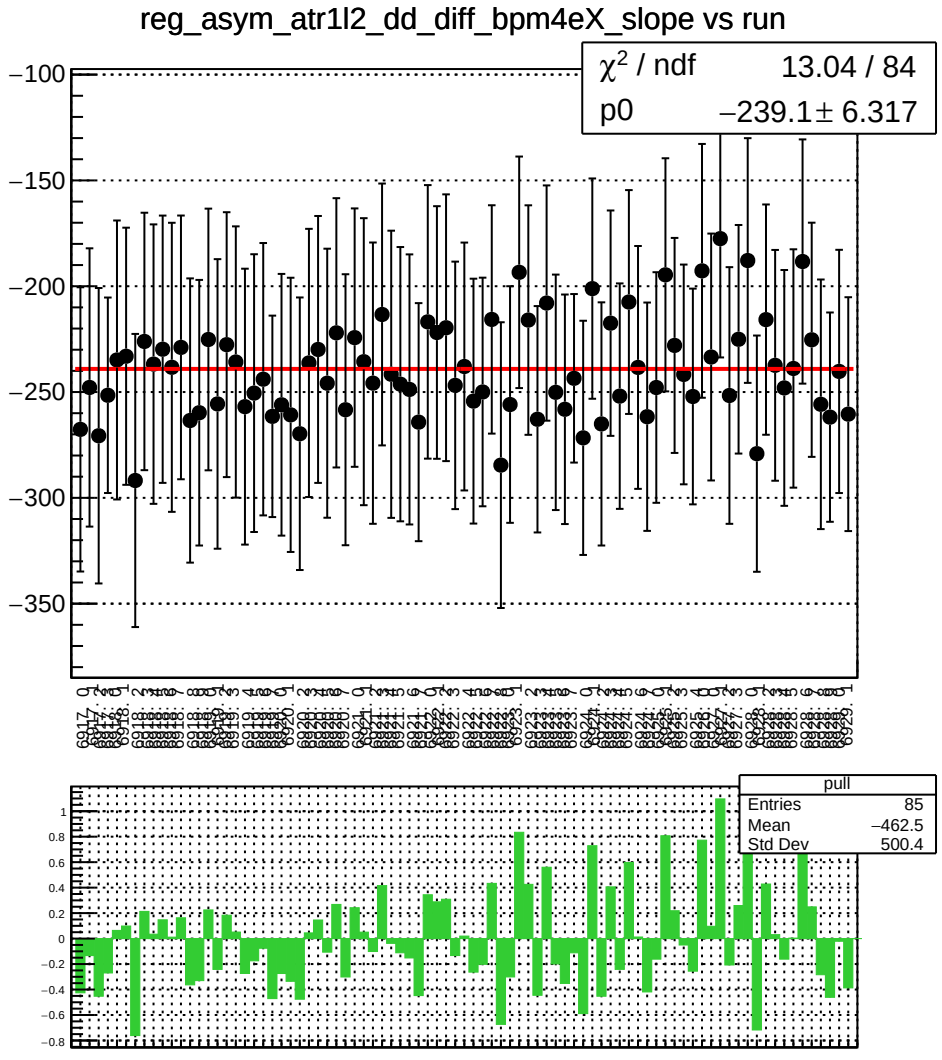

reg_asym_atr1l2_avg_diff_bpm12X_slope vs run
χ² / ndf 51.49 / 84
p0 −158.1 ± 0.2528
−145
−150
−155
−160
−165
pull
Entries 85
Mean −587.9
Std Dev 637.1
pull1D
Entries 85
Mean −0.005645
Std Dev 0.7783

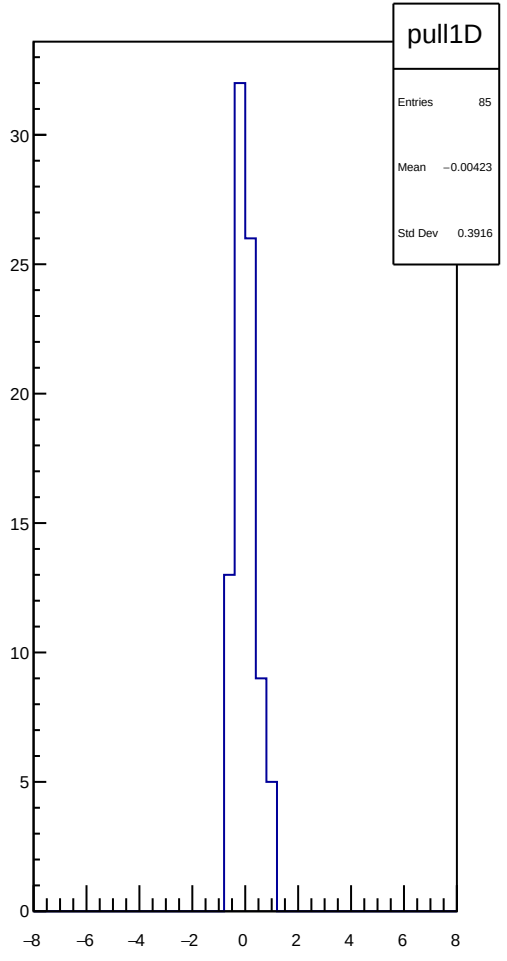

reg_asym_atr1l2_dd_diff_bpm1X_slope vs run
χ² / ndf 12.84 / 84
p0 260 ± 6.812
pull
Entries 85
Mean −428.9
Std Dev 467.7

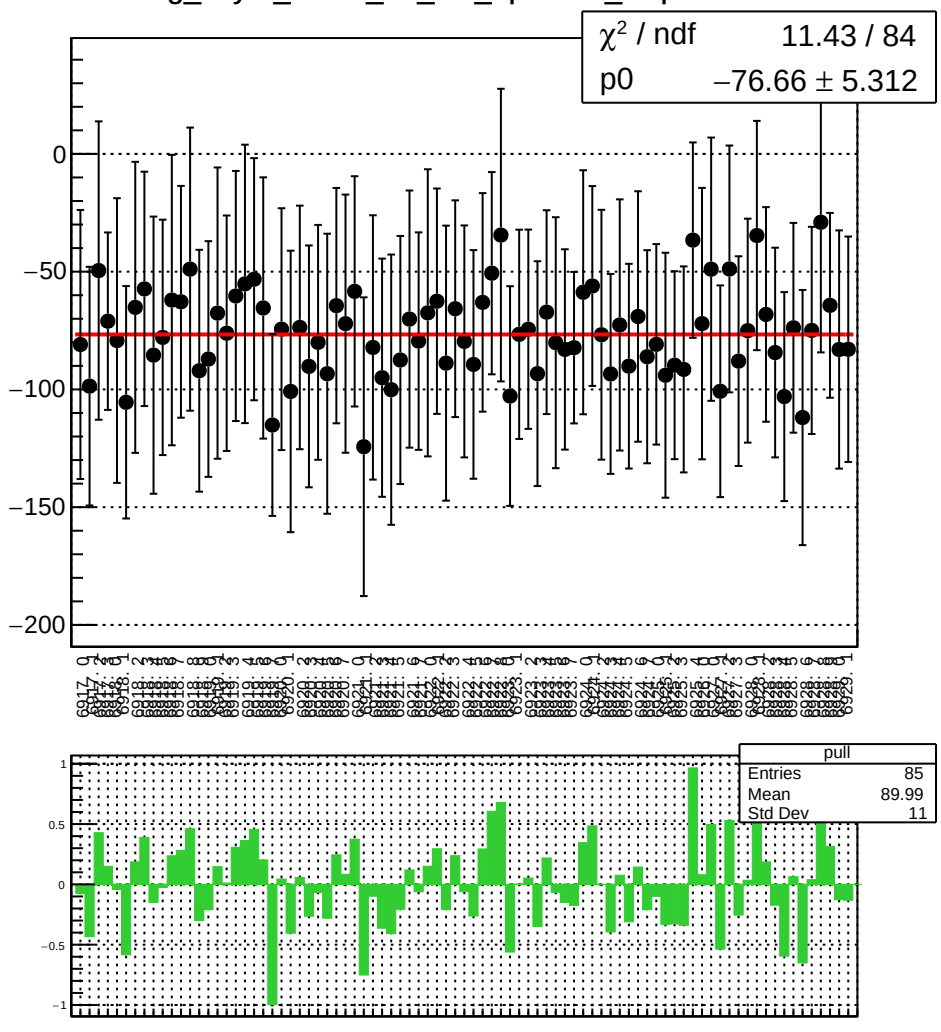

pull1D
Entries 85
Mean 0.004962
Std Dev 0.3887

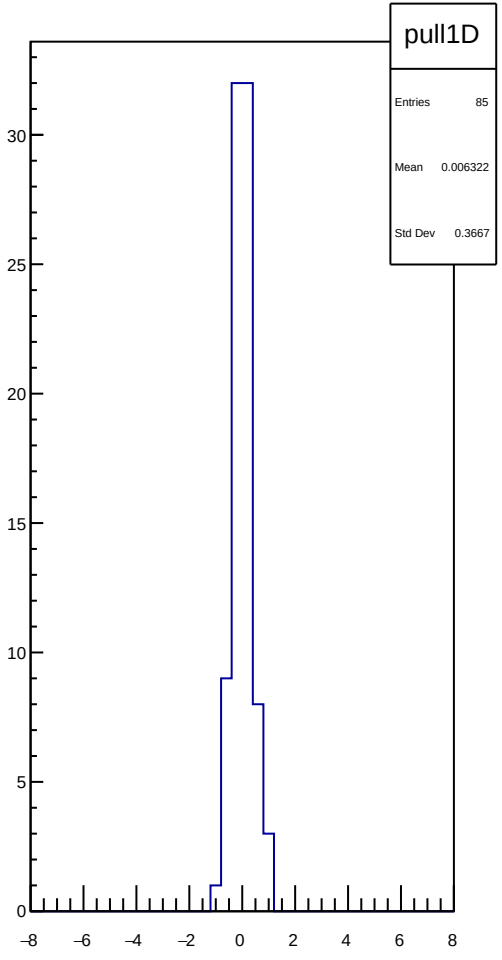

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs run
χ² / ndf 11.61 / 84
p0 −2.999 ± 4.681
pull
Entries 85
Mean 85.52
Std Dev 25.86

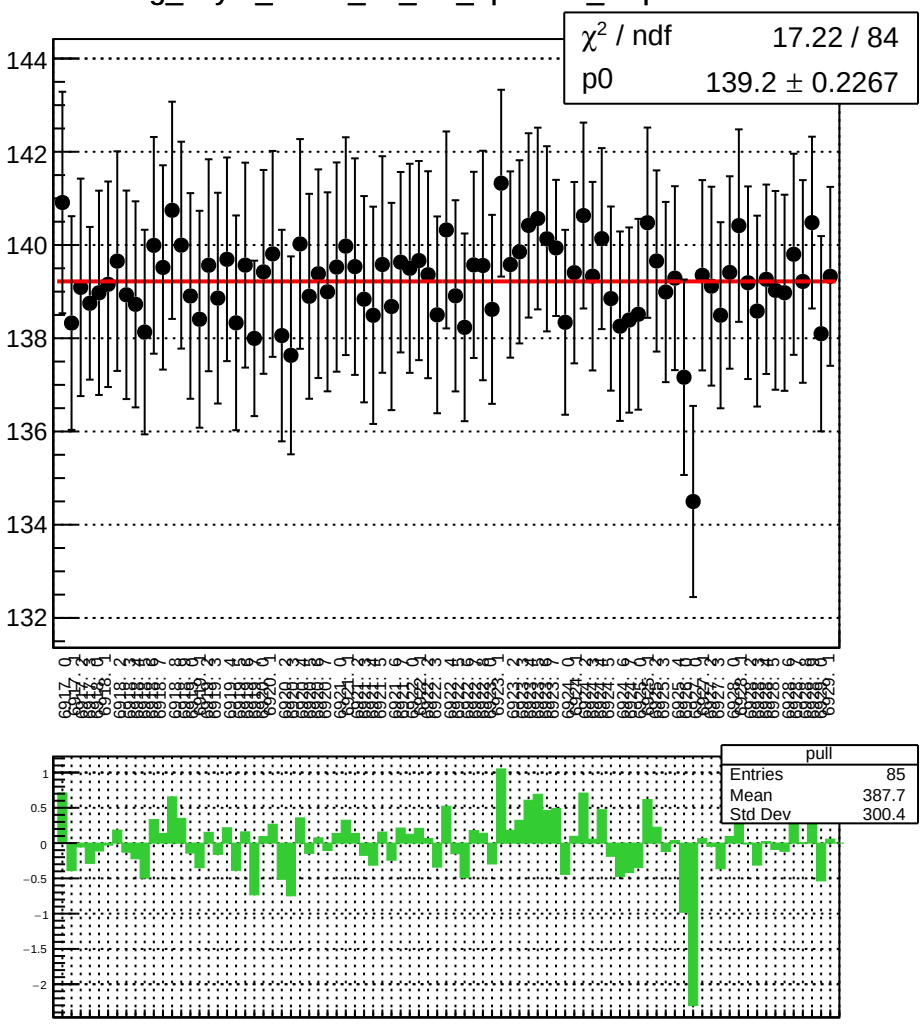

pull1D
Entries 85
Mean −0.008043
Std Dev 0.3694

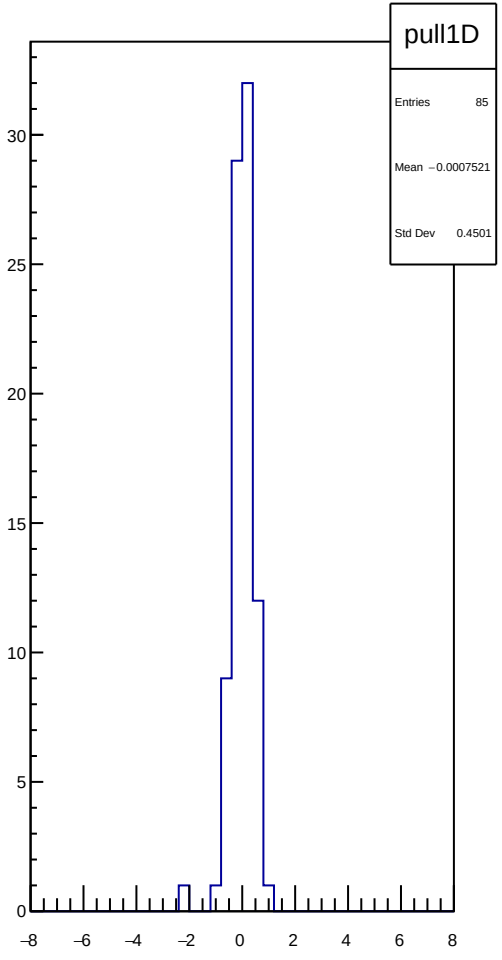

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs run
χ² / ndf 13.04 / 84
p0 −239.1 ± 6.317
−100
−150
−200
−250
−300
−350
pull
Entries 85
Mean −462.5
Std Dev 500.4
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

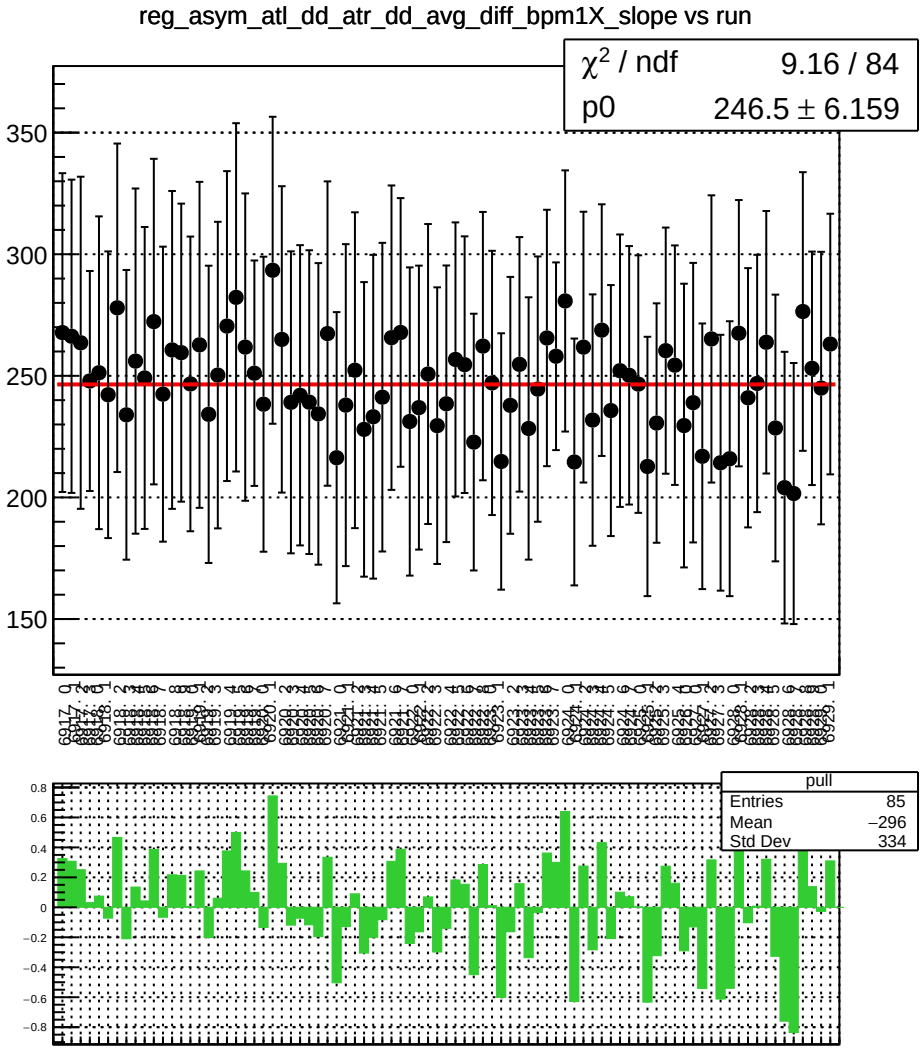

pull1D
Entries 85
Mean −0.00423
Std Dev 0.3916
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

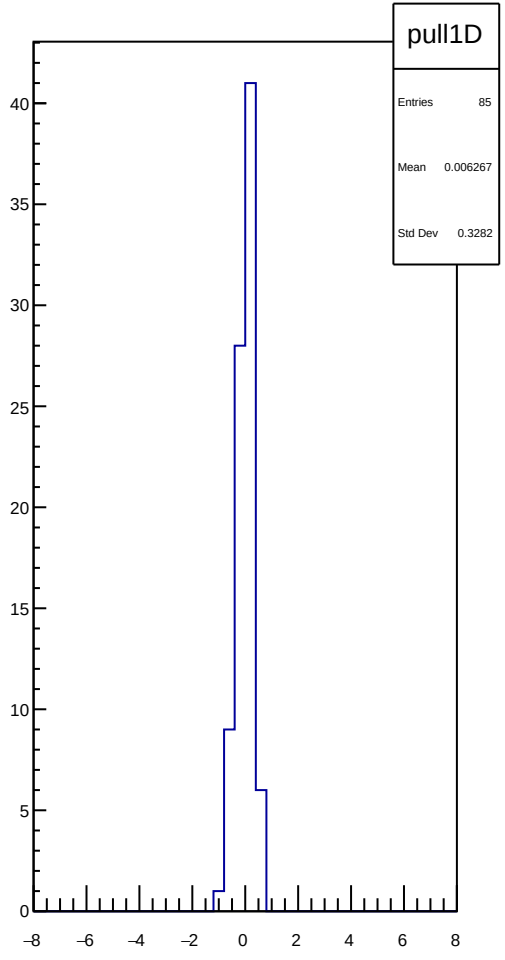

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs run
χ² / ndf 11.43 / 84
p0 −76.66 ± 5.312
pull
Entries 85
Mean 89.99
Std Dev 11

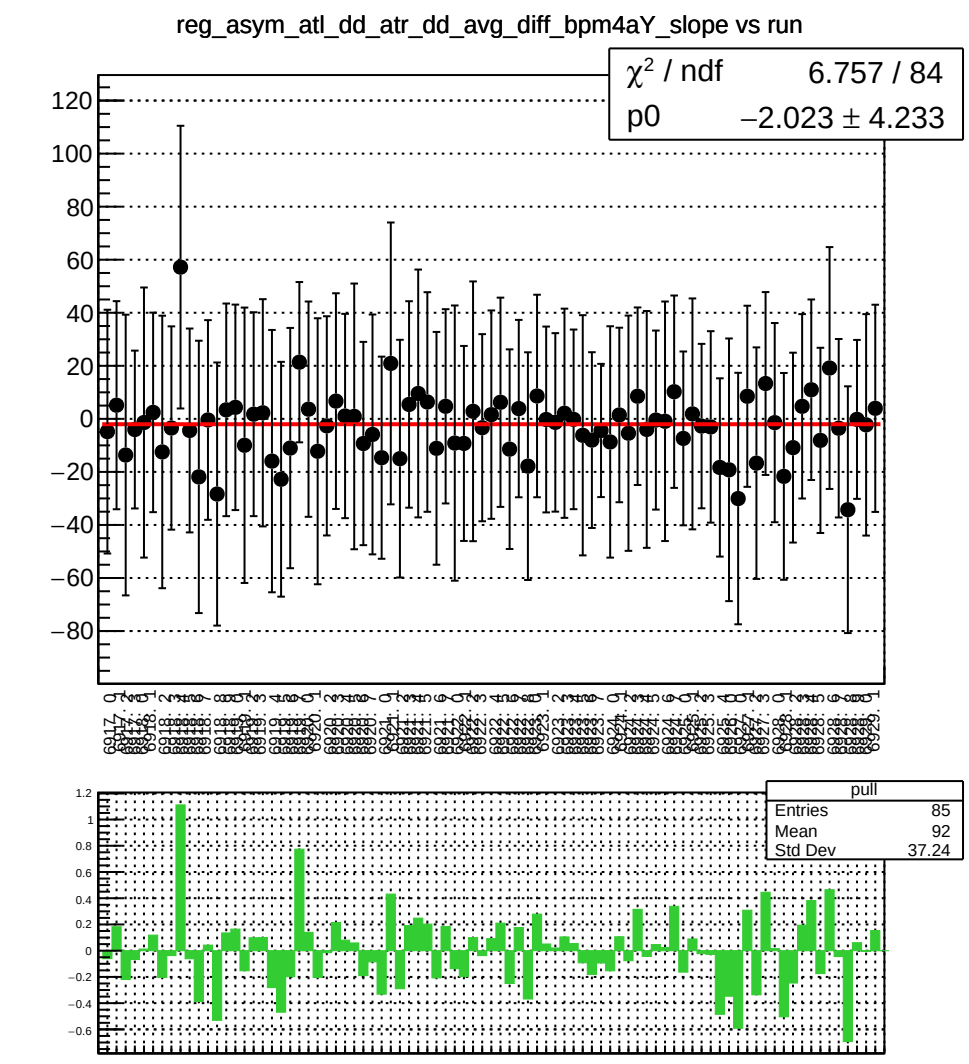

pull1D
Entries 85
Mean 0.006322
Std Dev 0.3667

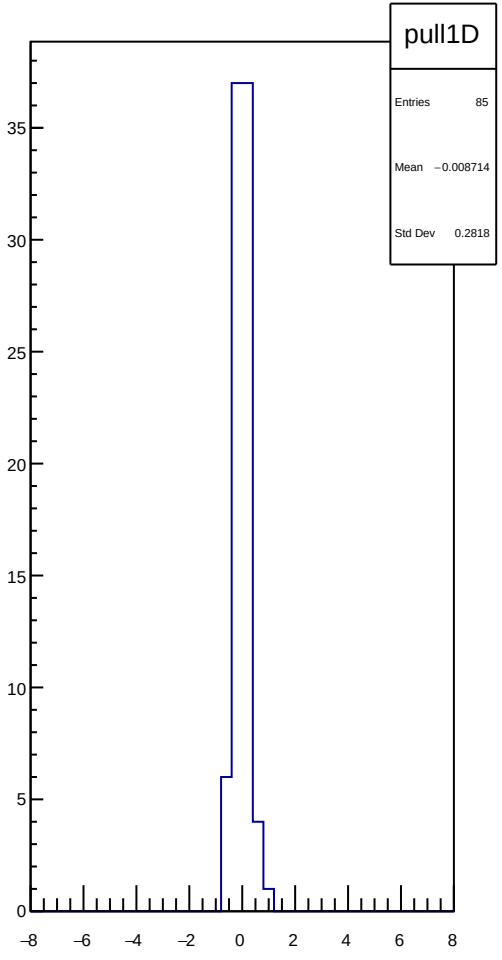

reg_asym_atr1l2_dd_diff_bpm12X_slope vs run
χ² / ndf 17.22 / 84
p0 139.2 ± 0.2267
144
142
140
138
136
134
132
pull
Entries 85
Mean 387.7
Std Dev 300.4
1
0.5
0
−0.5
−1
−1.5
−2

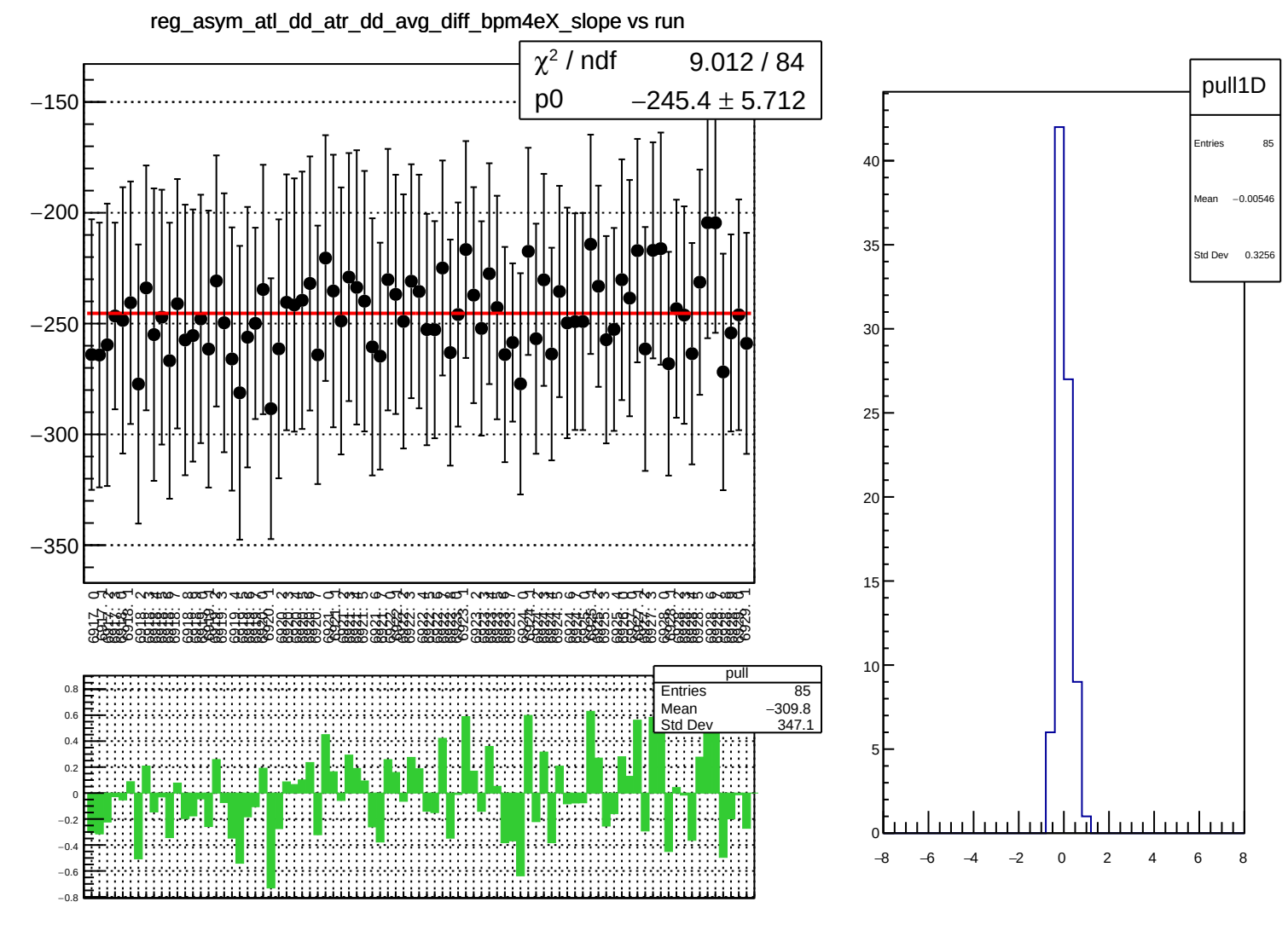

pull1D
Entries 85
Mean −0.0007521
Std Dev 0.4501
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

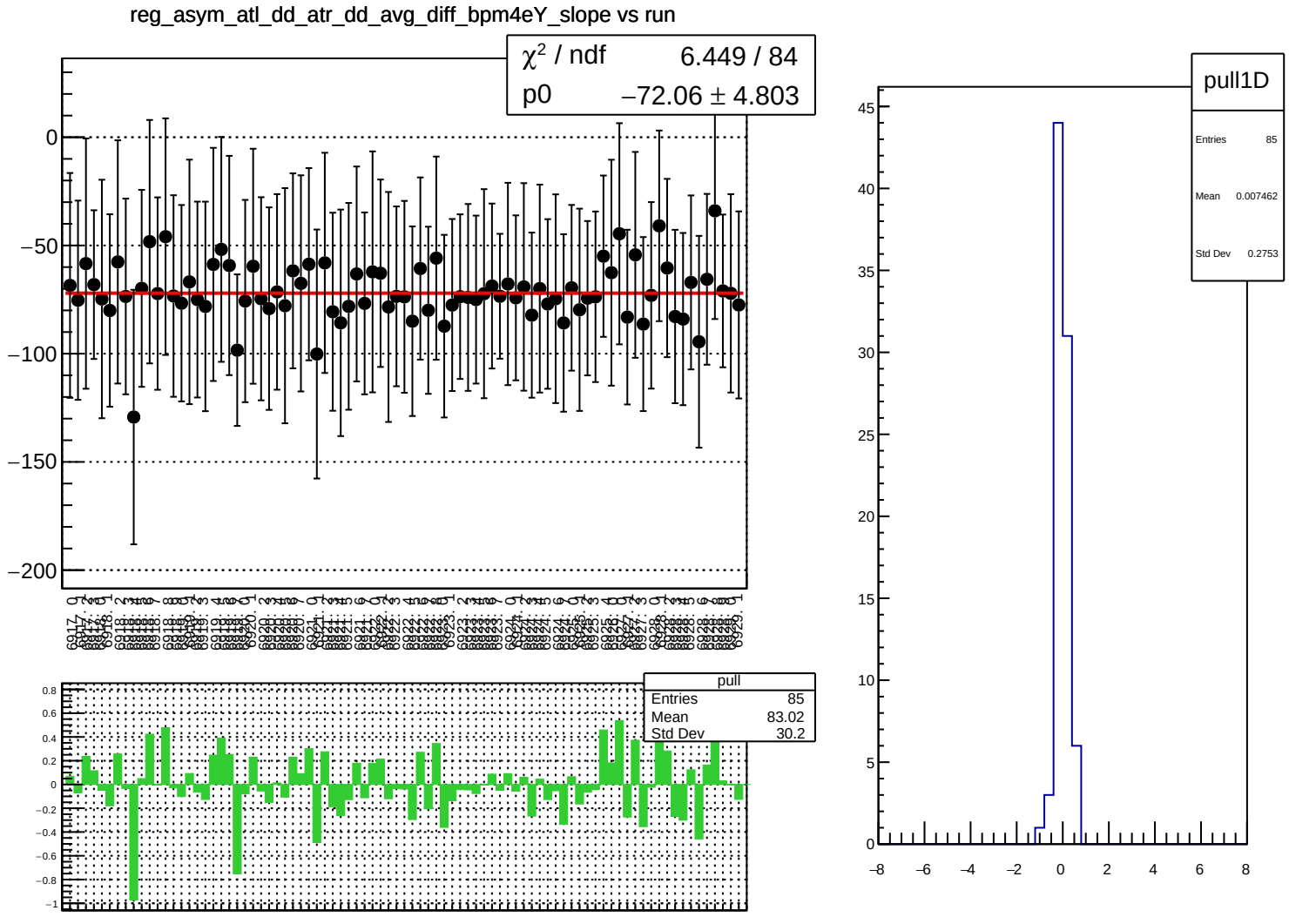

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs run
χ² / ndf 9.16 / 84
p0 246.5 ± 6.159
350
300
250
200
150
pull
Entries 85
Mean −296
Std Dev 334
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

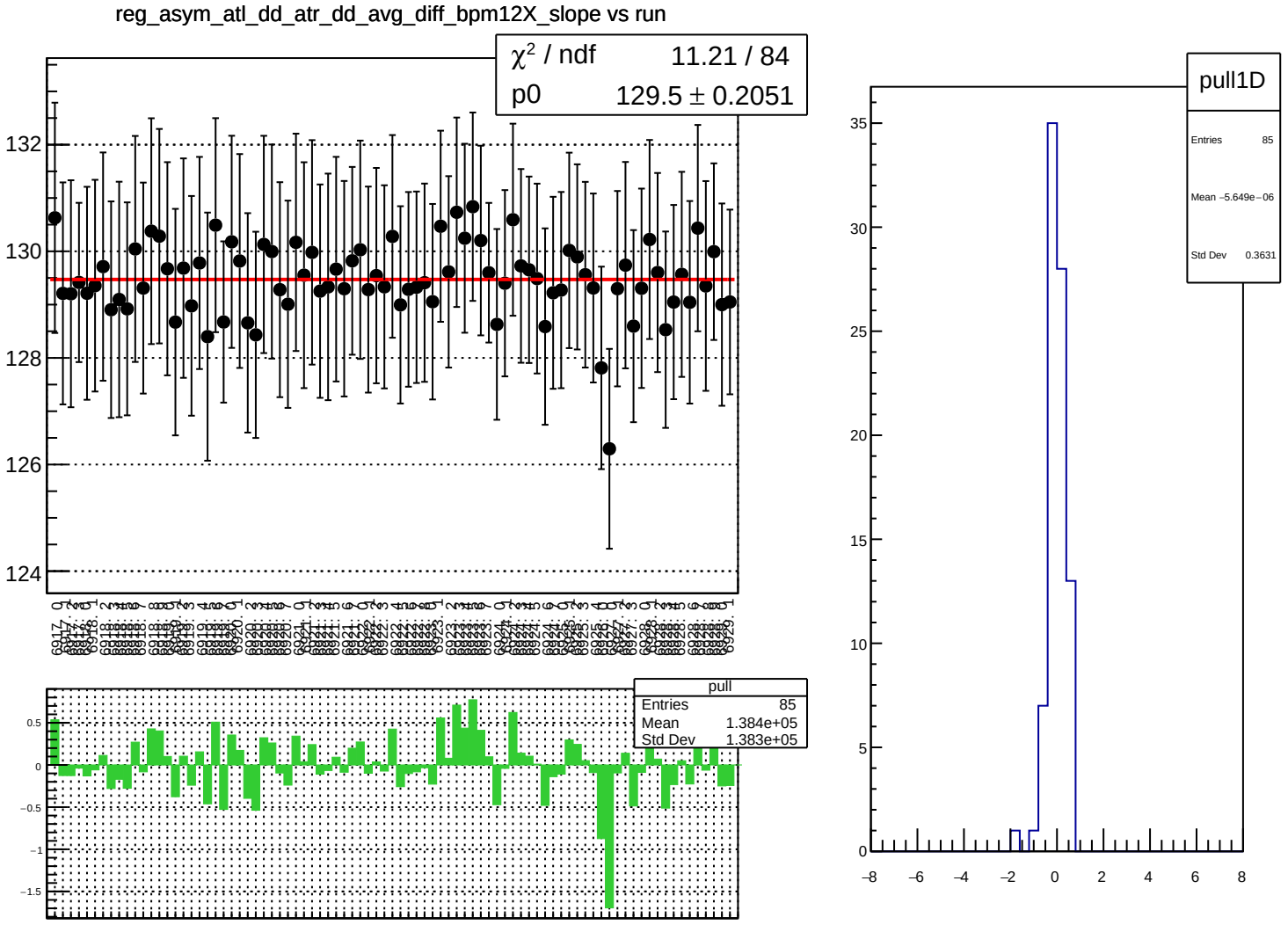

pull1D
Entries 85
Mean 0.006267
Std Dev 0.3282
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

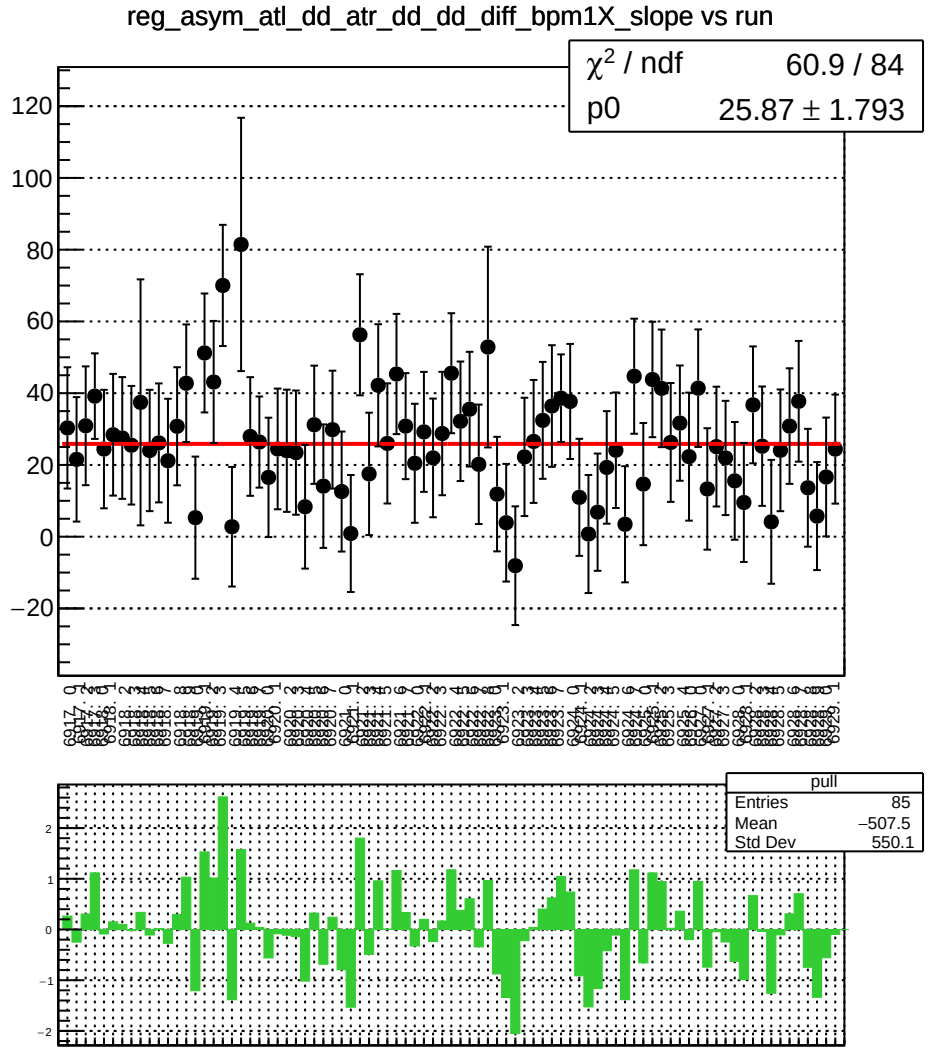

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs run
χ² / ndf 6.757 / 84
p0 −2.023 ± 4.233
pull
Entries 85
Mean 92
Std Dev 37.24

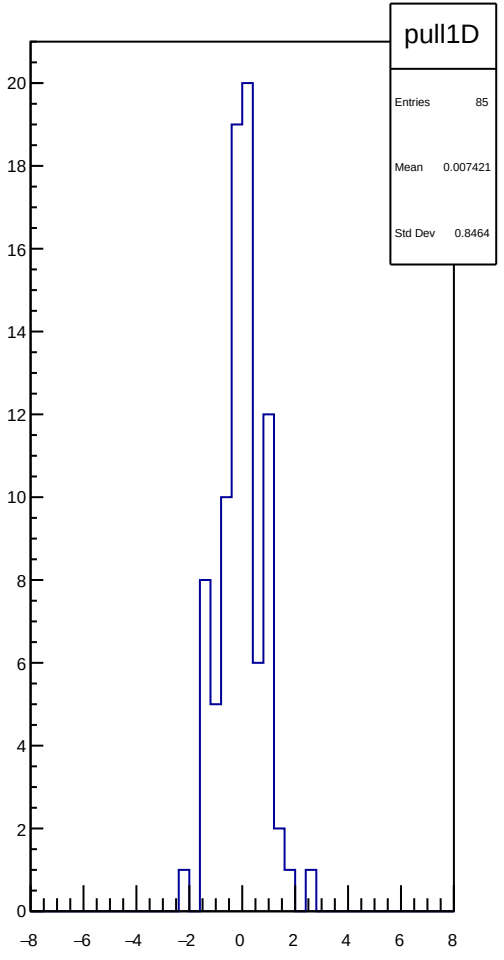

pull1D
Entries 85
Mean −0.008714
Std Dev 0.2818

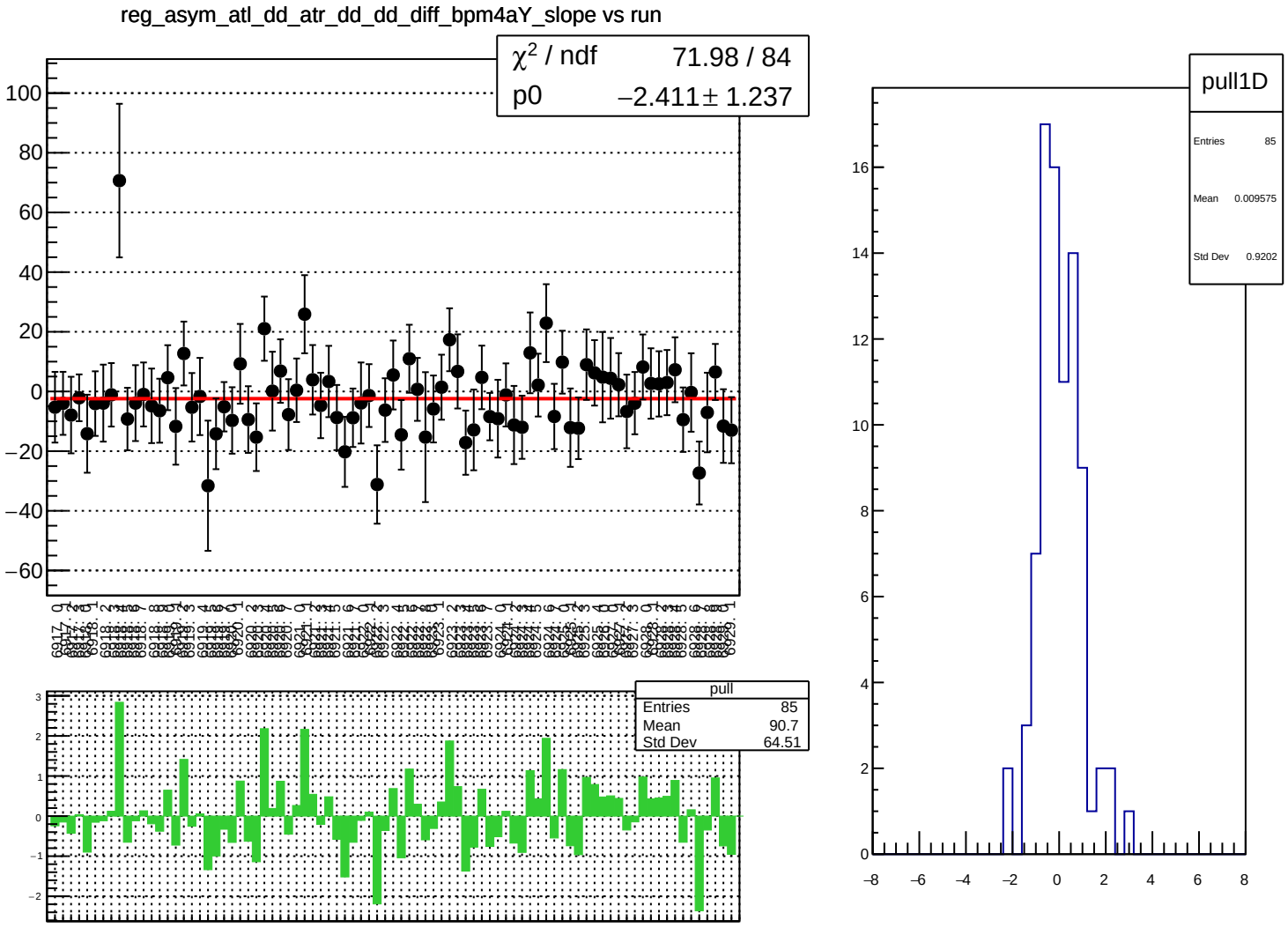

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs run
χ² / ndf 9.012 / 84
p0 −245.4 ± 5.712
−150
−200
−250
−300
−350
pull
Entries 85
Mean −309.8
Std Dev 347.1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 85
Mean −0.00546
Std Dev 0.3256
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

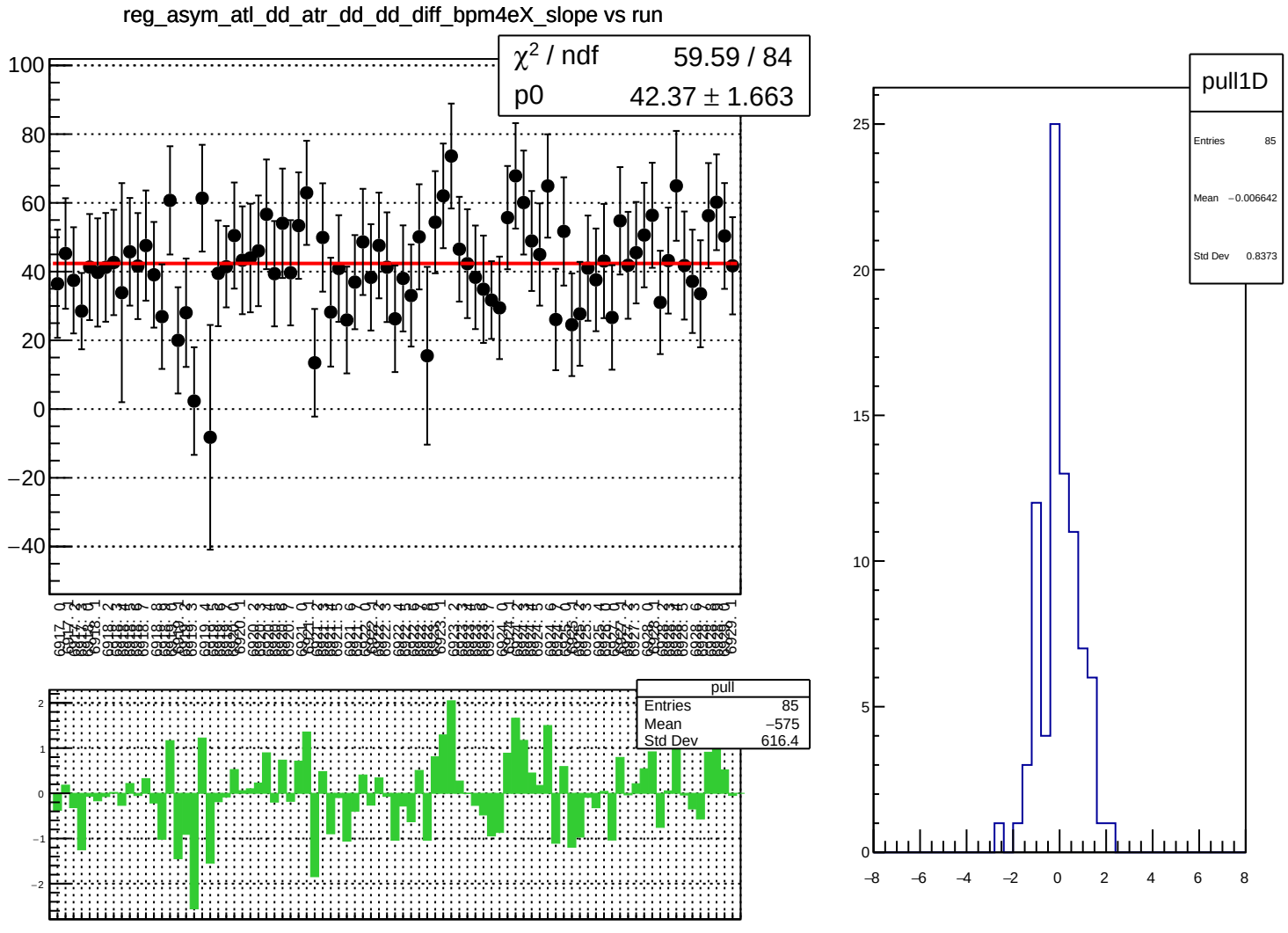

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.449 / 84
p0 −72.06 ± 4.803
pull
Entries 85
Mean 83.02
Std Dev 30.2
pull1D
Entries 85
Mean 0.007462
Std Dev 0.2753

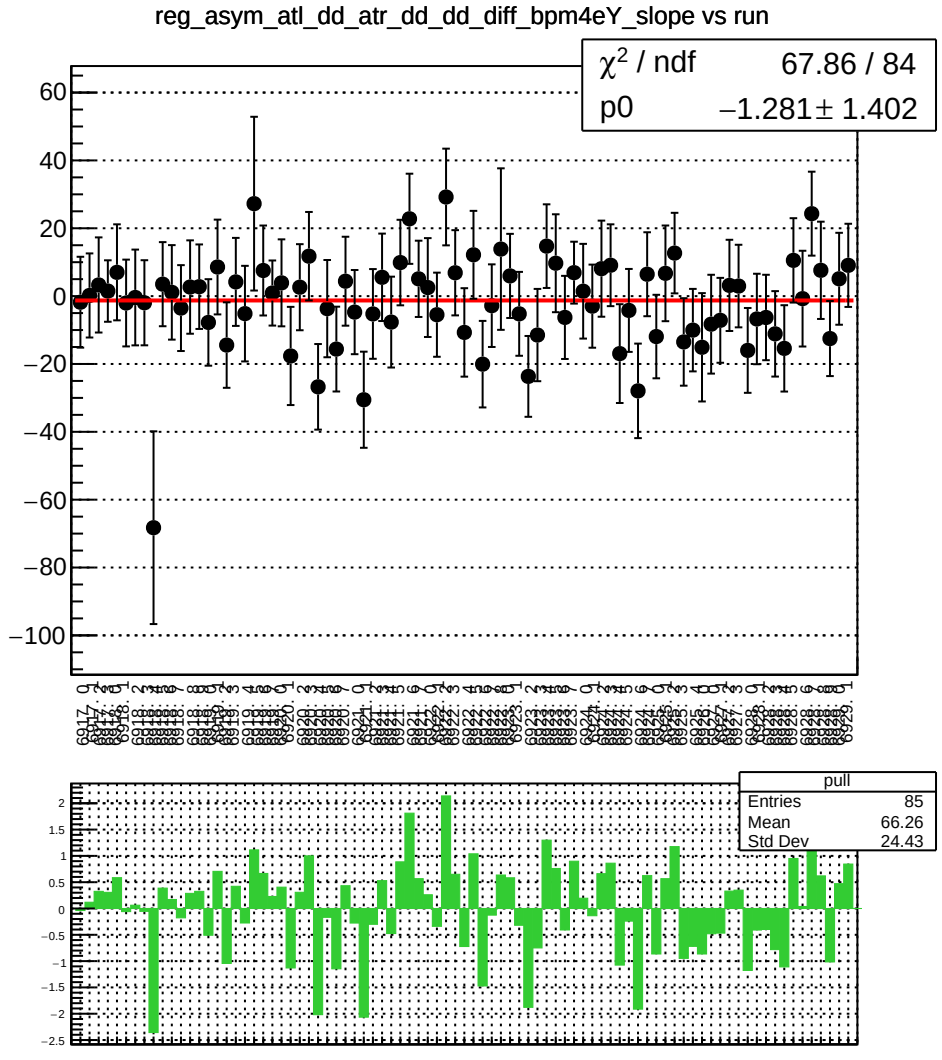

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs run
χ² / ndf 11.21 / 84
p0 129.5 ± 0.2051
132
130
128
126
124
pull
Entries 85
Mean 1.384e+05
Std Dev 1.383e+05
0.5
0
−0.5
−1
−1.5
pull1D
Entries 85
Mean −5.649e−06
Std Dev 0.3631
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

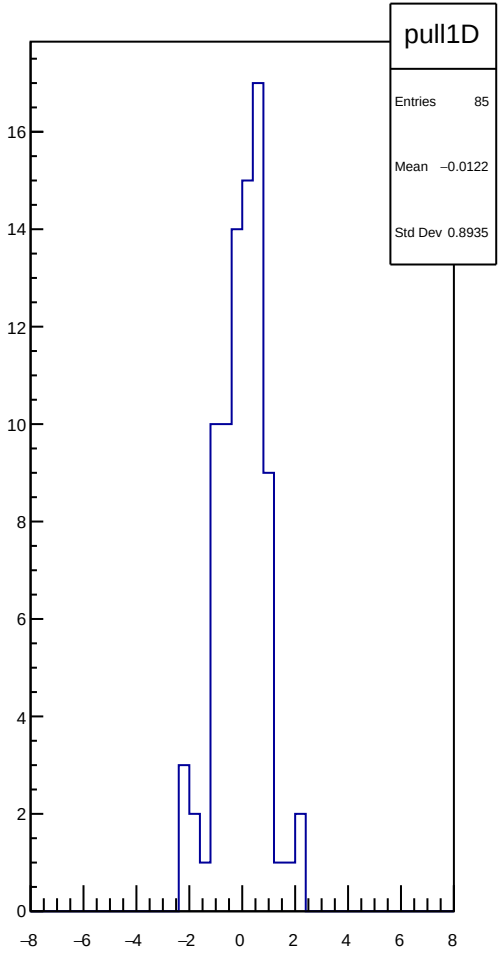

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs run
χ² / ndf 60.9 / 84
p0 25.87 ± 1.793
pull
Entries 85
Mean −507.5
Std Dev 550.1

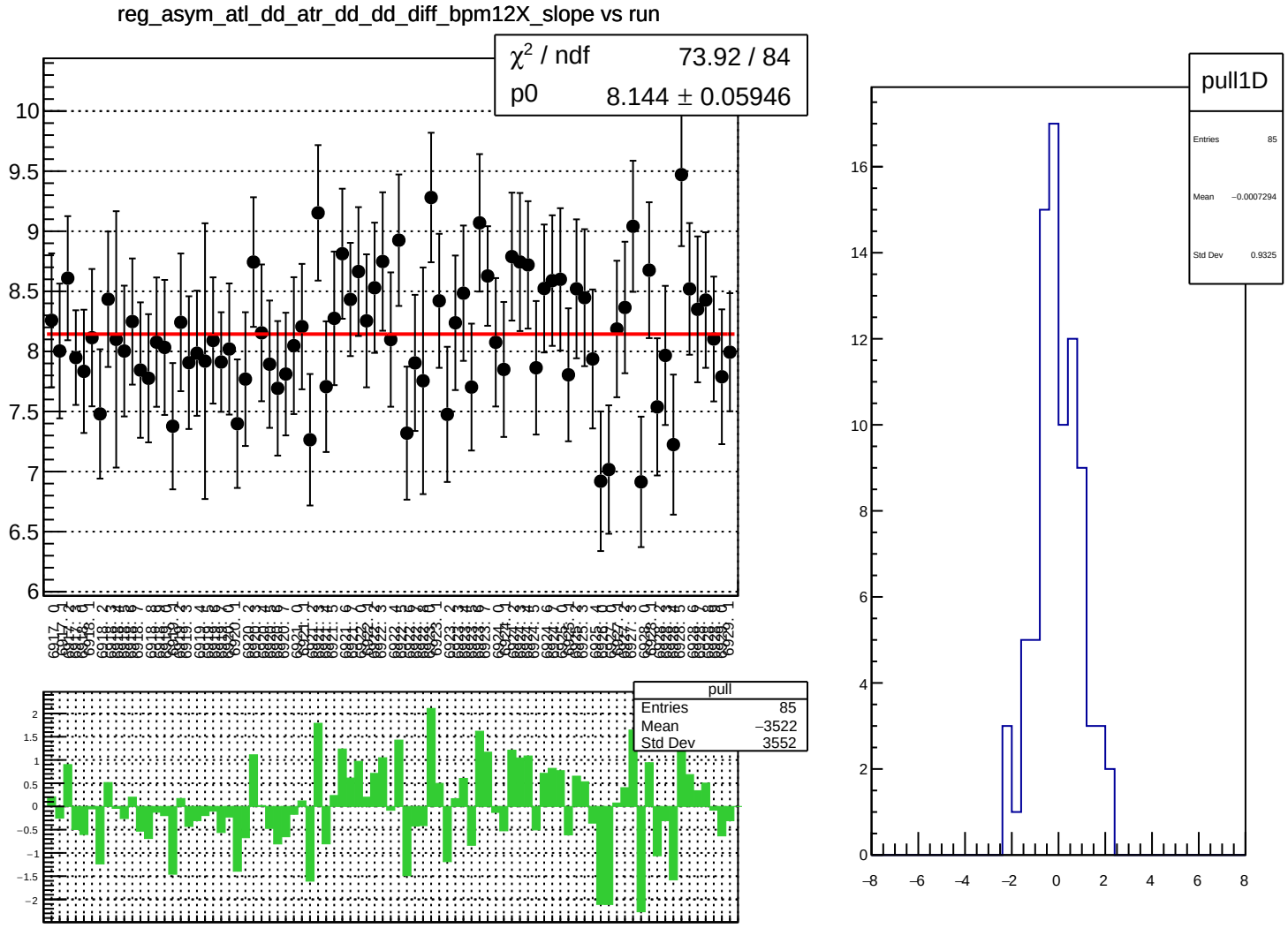

pull1D
Entries 85
Mean 0.007421
Std Dev 0.8464

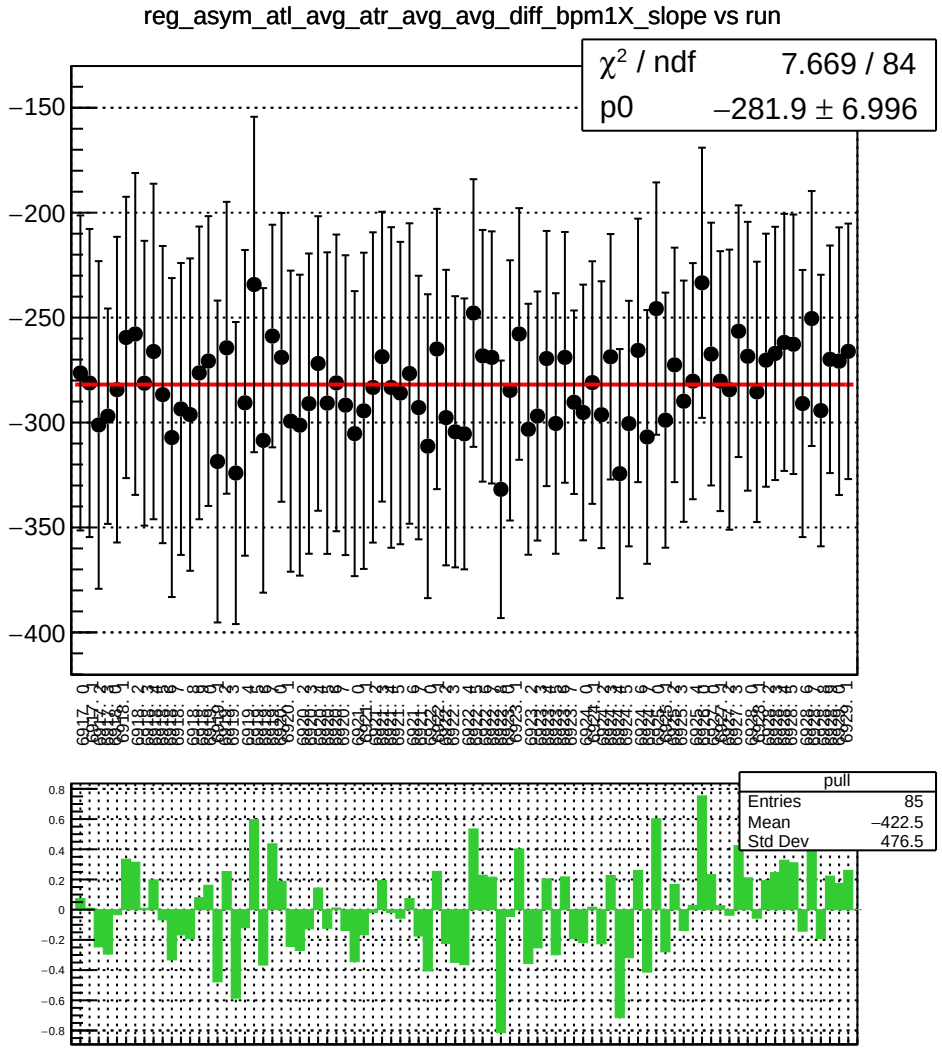

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs run
χ² / ndf 71.98 / 84
p0 −2.411± 1.237
pull
Entries 85
Mean 90.7
Std Dev 64.51
pull1D
Entries 85
Mean 0.009575
Std Dev 0.9202

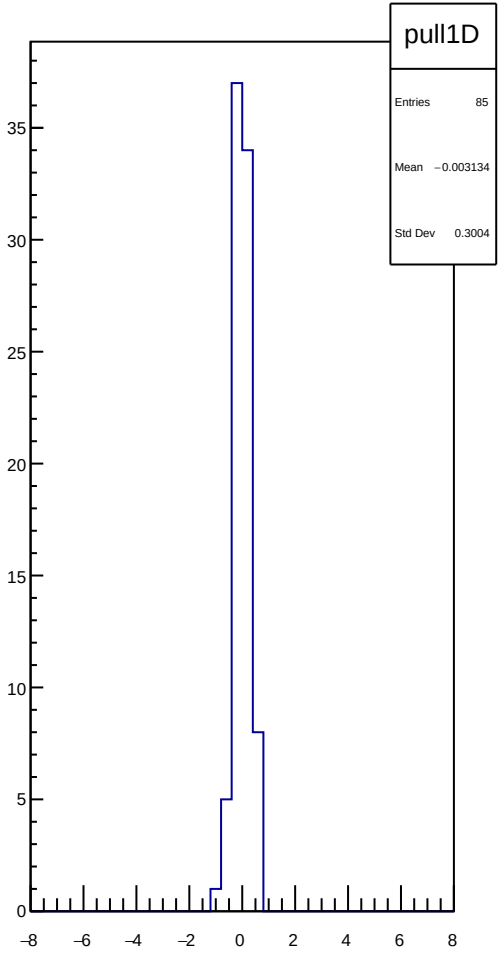

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs run
χ² / ndf 59.59 / 84
p0 42.37 ± 1.663
pull
Entries 85
Mean −575
Std Dev 616.4
pull1D
Entries 85
Mean −0.006642
Std Dev 0.8373

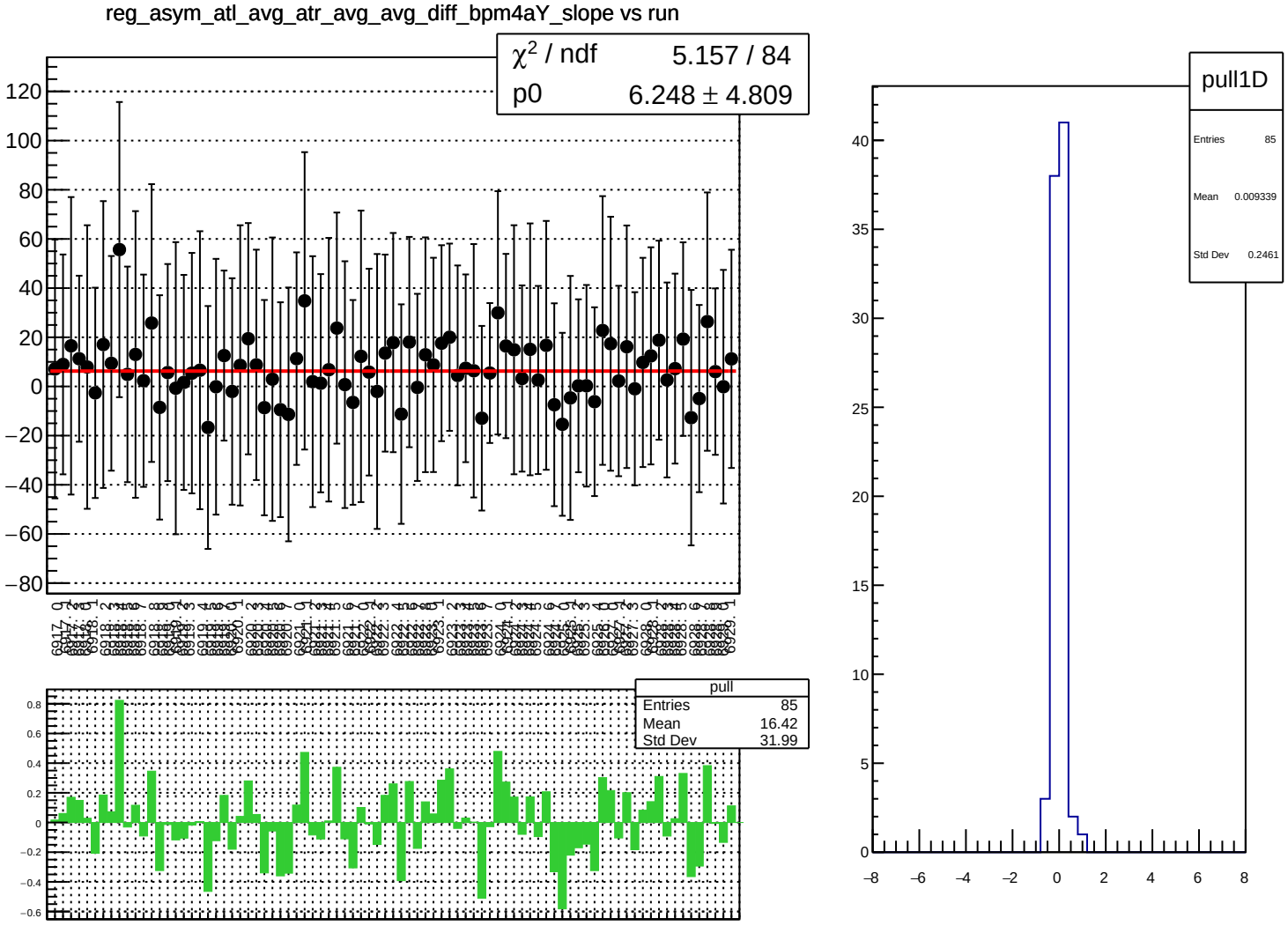

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs run
χ² / ndf 67.86 / 84
p0 −1.281 ± 1.402
pull
Entries 85
Mean 66.26
Std Dev 24.43

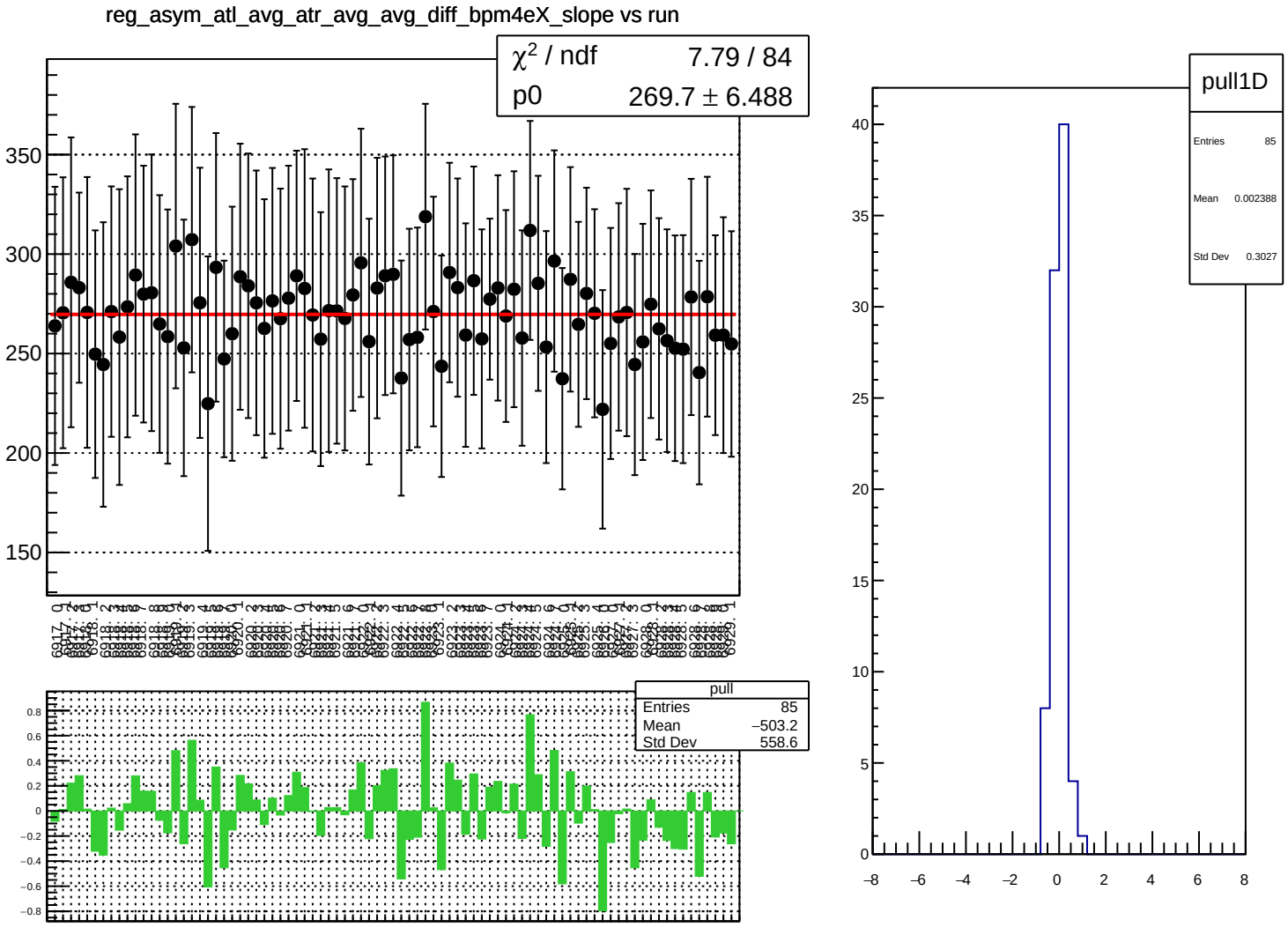

pull1D
Entries 85
Mean −0.0122
Std Dev 0.8935

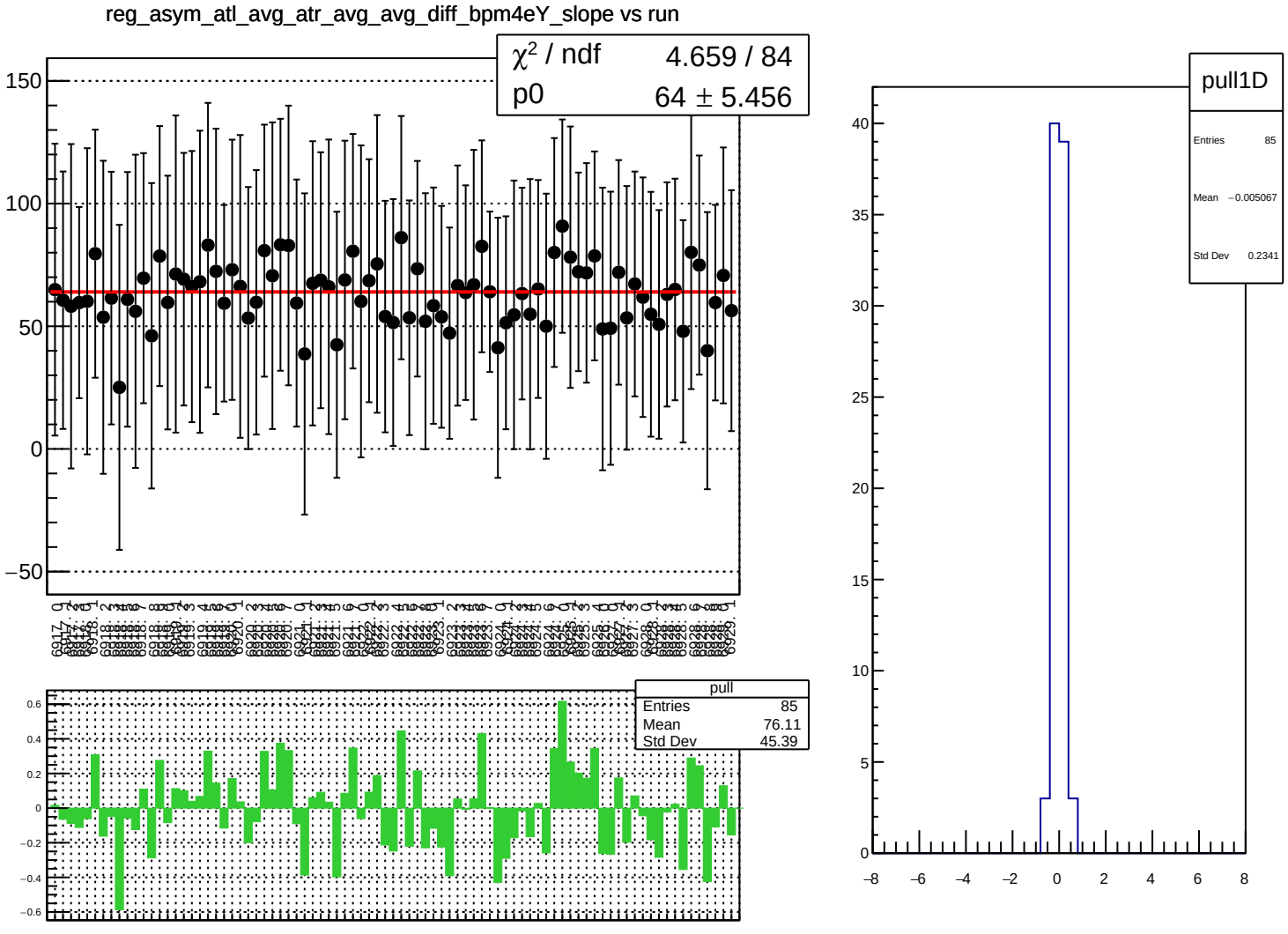

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs run
χ² / ndf 73.92 / 84
p0 8.144 ± 0.05946
pull
Entries 85
Mean −3522
Std Dev 3552
pull1D
Entries 85
Mean −0.0007294
Std Dev 0.9325

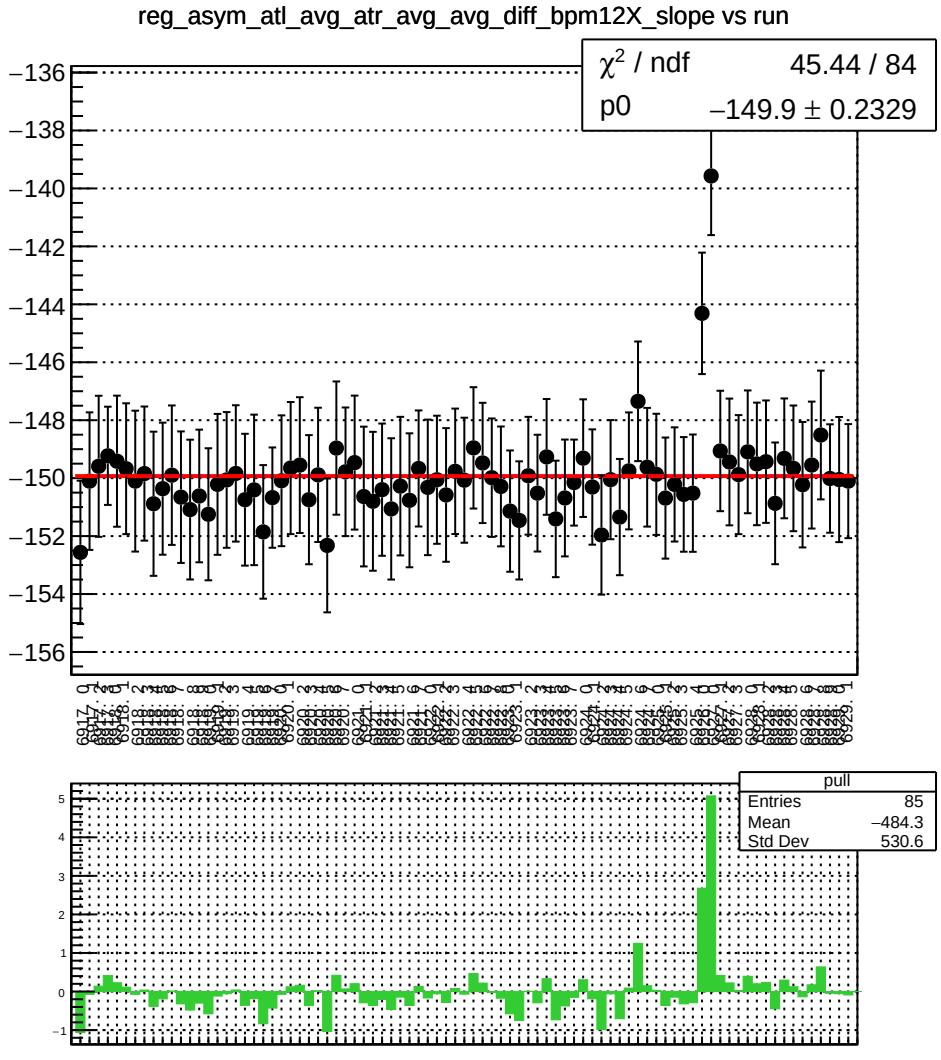

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs run
χ² / ndf 7.669 / 84
p0 −281.9 ± 6.996
pull
Entries 85
Mean −422.5
Std Dev 476.5

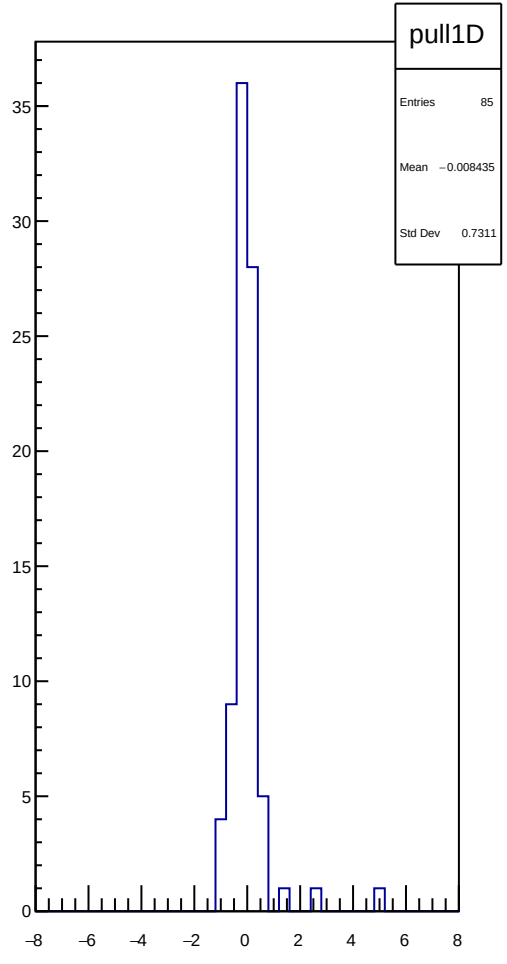

pull1D
Entries 85
Mean −0.003134
Std Dev 0.3004

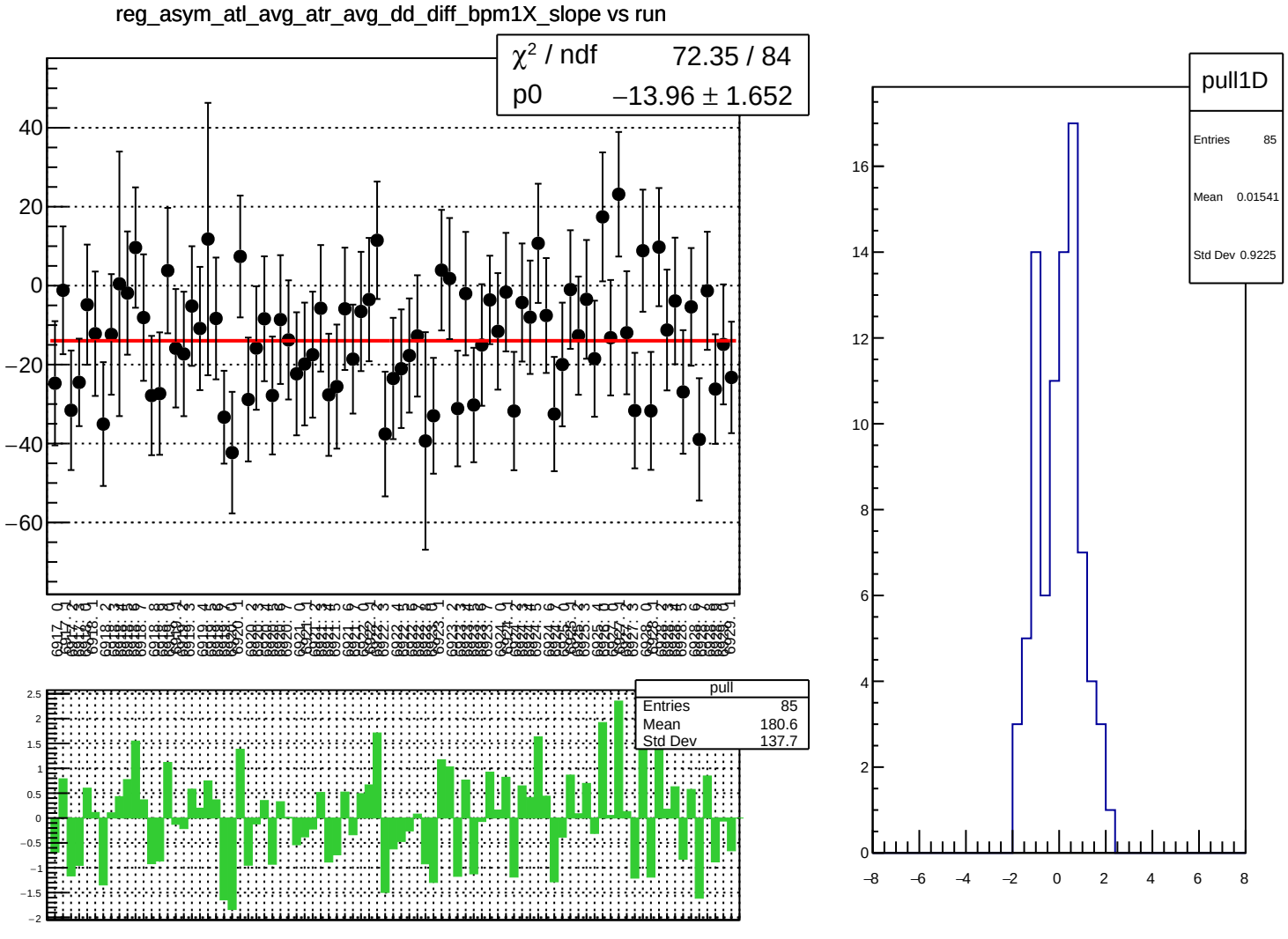

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs run
χ² / ndf 5.157 / 84
p0 6.248 ± 4.809
pull
Entries 85
Mean 16.42
Std Dev 31.99
pull1D
Entries 85
Mean 0.009339
Std Dev 0.2461

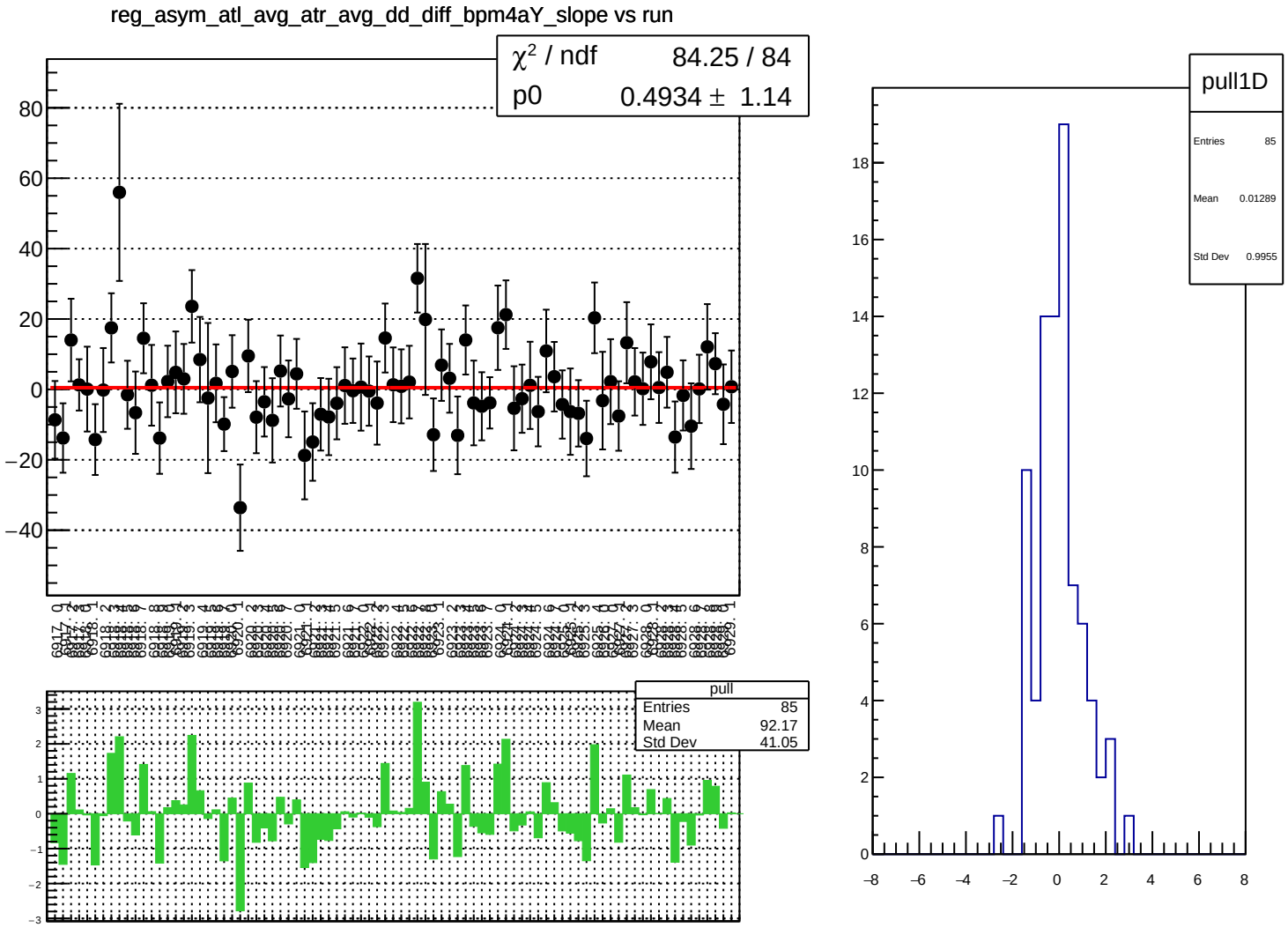

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs run
χ² / ndf 7.79 / 84
p0 269.7 ± 6.488
350
300
250
200
150
pull
Entries 85
Mean −503.2
Std Dev 558.6
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 85
Mean 0.002388
Std Dev 0.3027
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

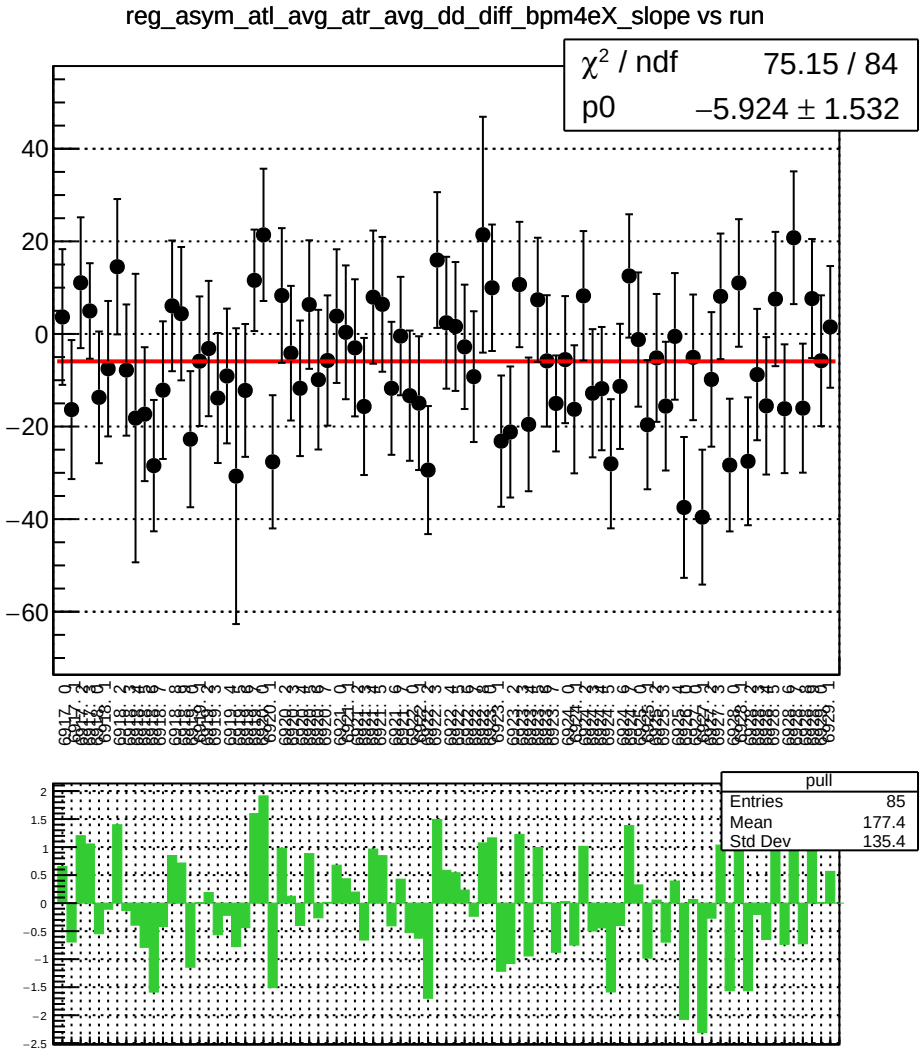

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs run
χ² / ndf 4.659 / 84
p0 64 ± 5.456
150
100
50
0
−50
pull
Entries 85
Mean 76.11
Std Dev 45.39
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
pull1D
Entries 85
Mean −0.005067
Std Dev 0.2341
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

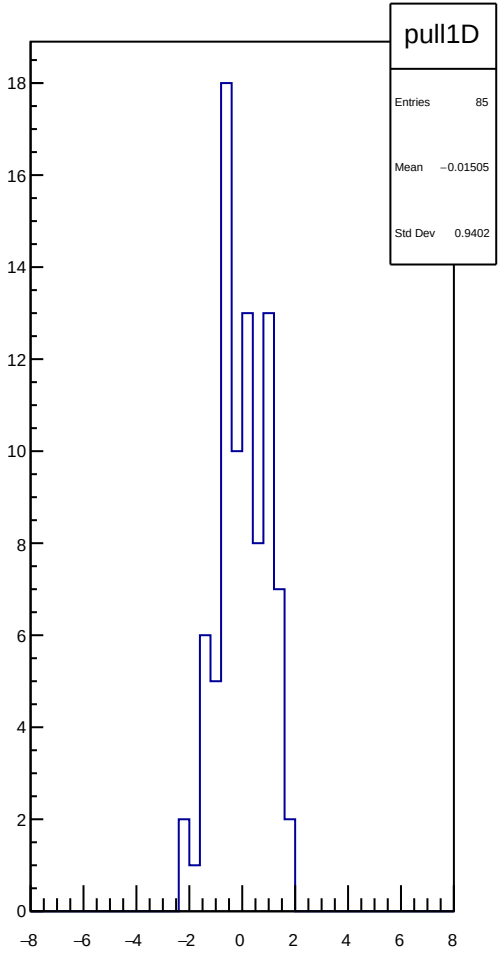

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs run
χ² / ndf 45.44 / 84
p0 −149.9 ± 0.2329
pull
Entries 85
Mean −484.3
Std Dev 530.6

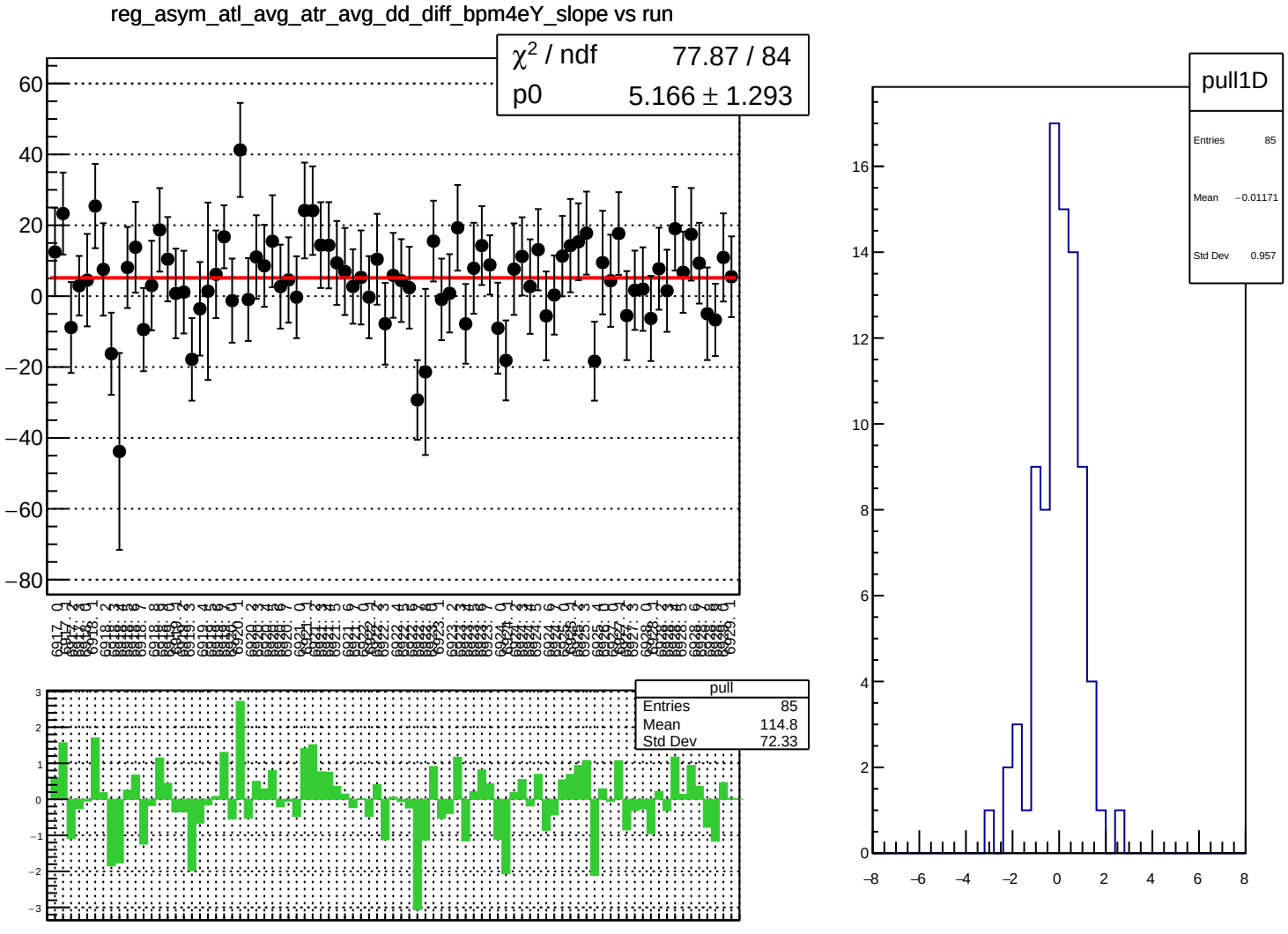

pull1D
Entries 85
Mean −0.008435
Std Dev 0.7311

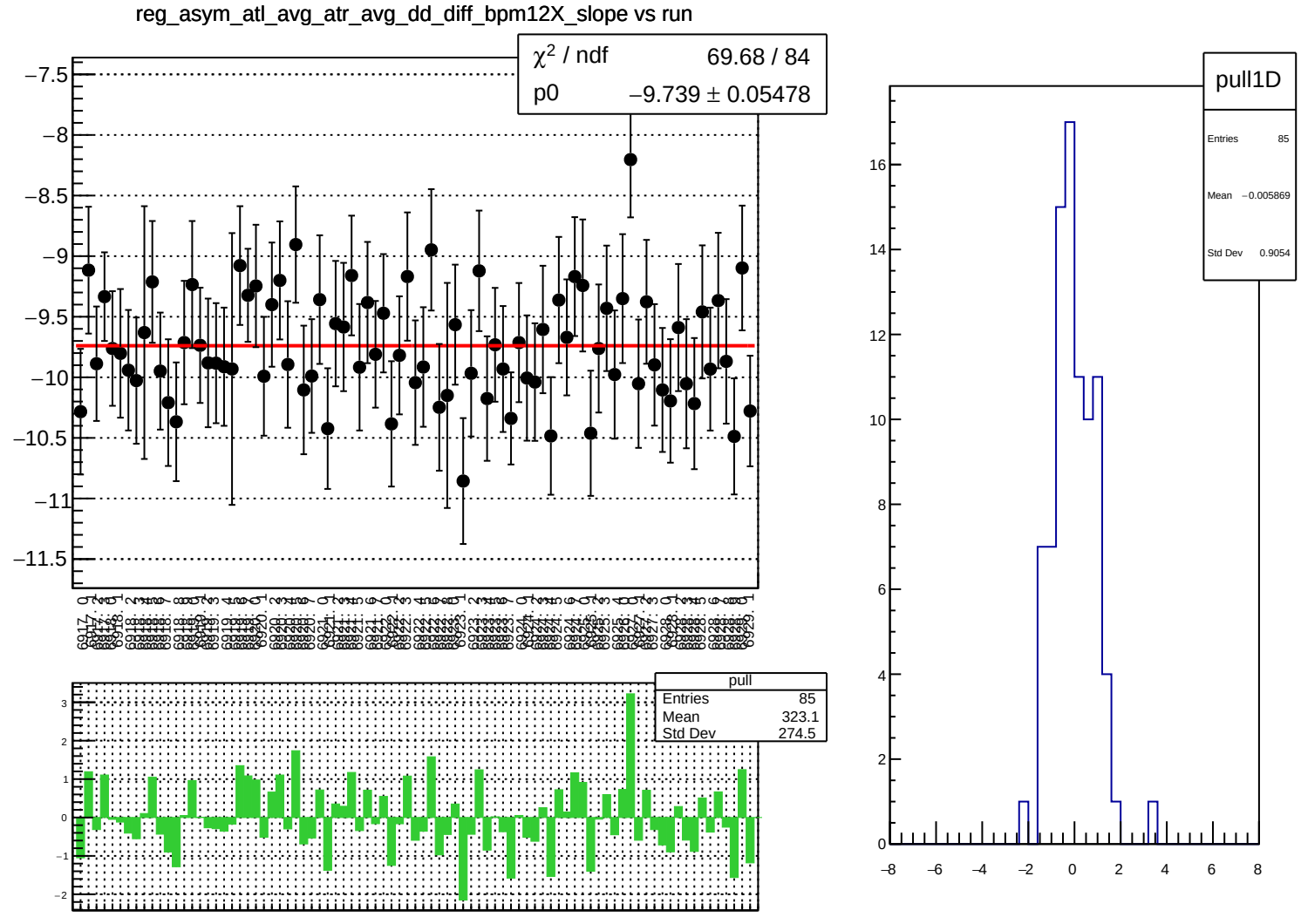

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs run
χ² / ndf 72.35 / 84
p0 −13.96 ± 1.652
pull
Entries 85
Mean 180.6
Std Dev 137.7
pull1D
Entries 85
Mean 0.01541
Std Dev 0.9225

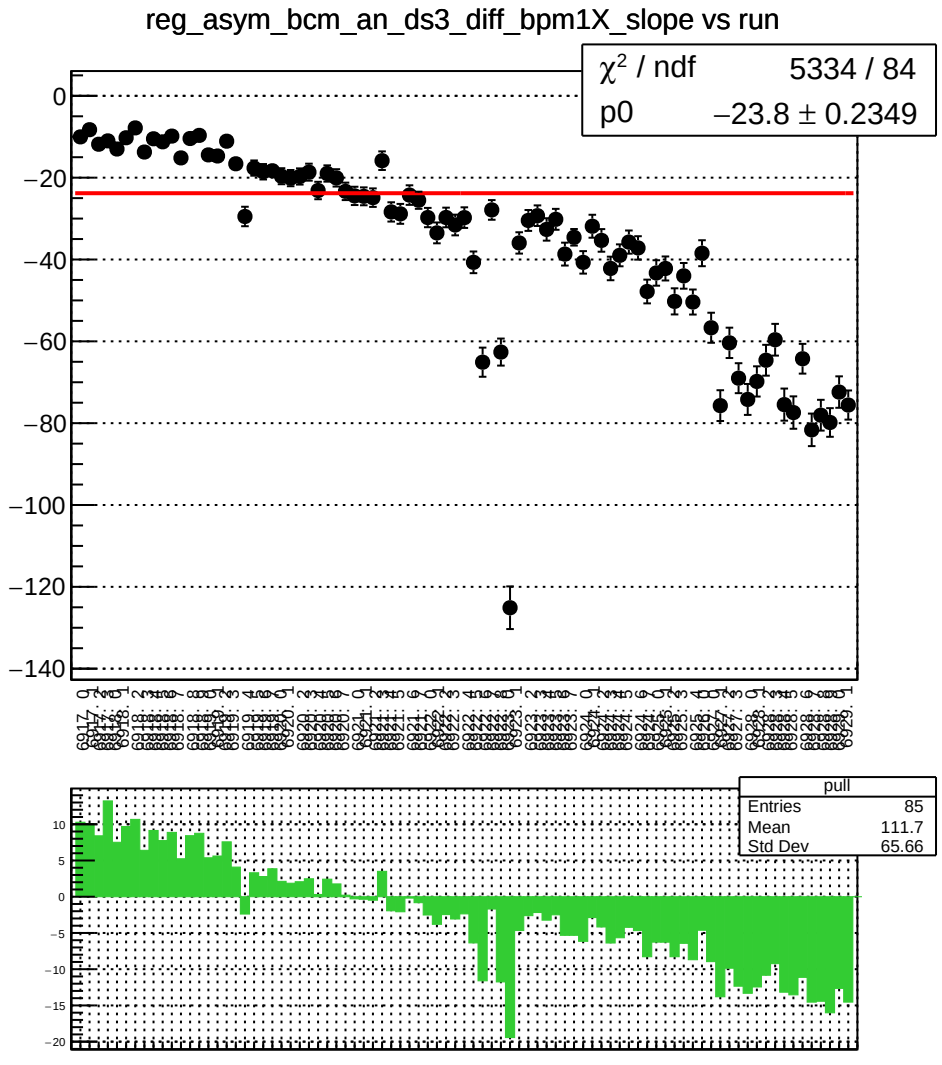

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs run
χ² / ndf 84.25 / 84
p0 0.4934 ± 1.14
pull
Entries 85
Mean 92.17
Std Dev 41.05
pull1D
Entries 85
Mean 0.01289
Std Dev 0.9955

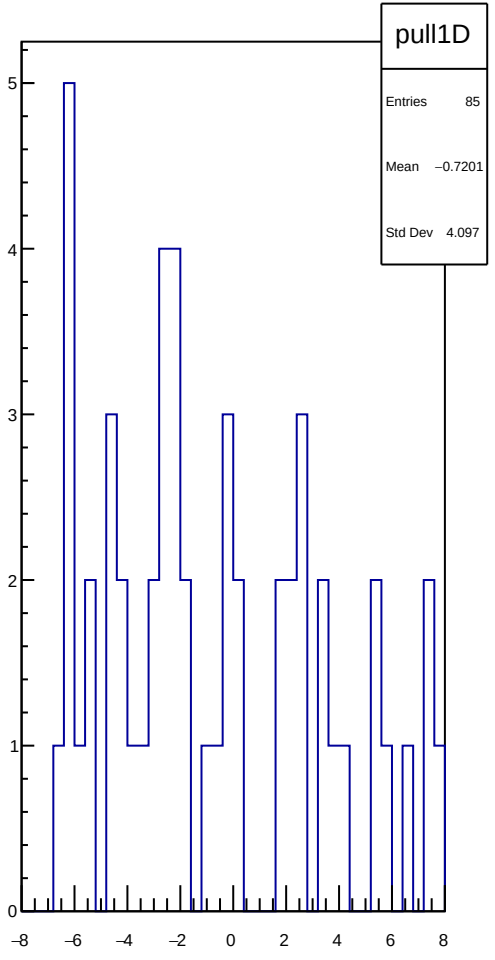

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs run
χ² / ndf 75.15 / 84
p0 −5.924 ± 1.532
pull
Entries 85
Mean 177.4
Std Dev 135.4

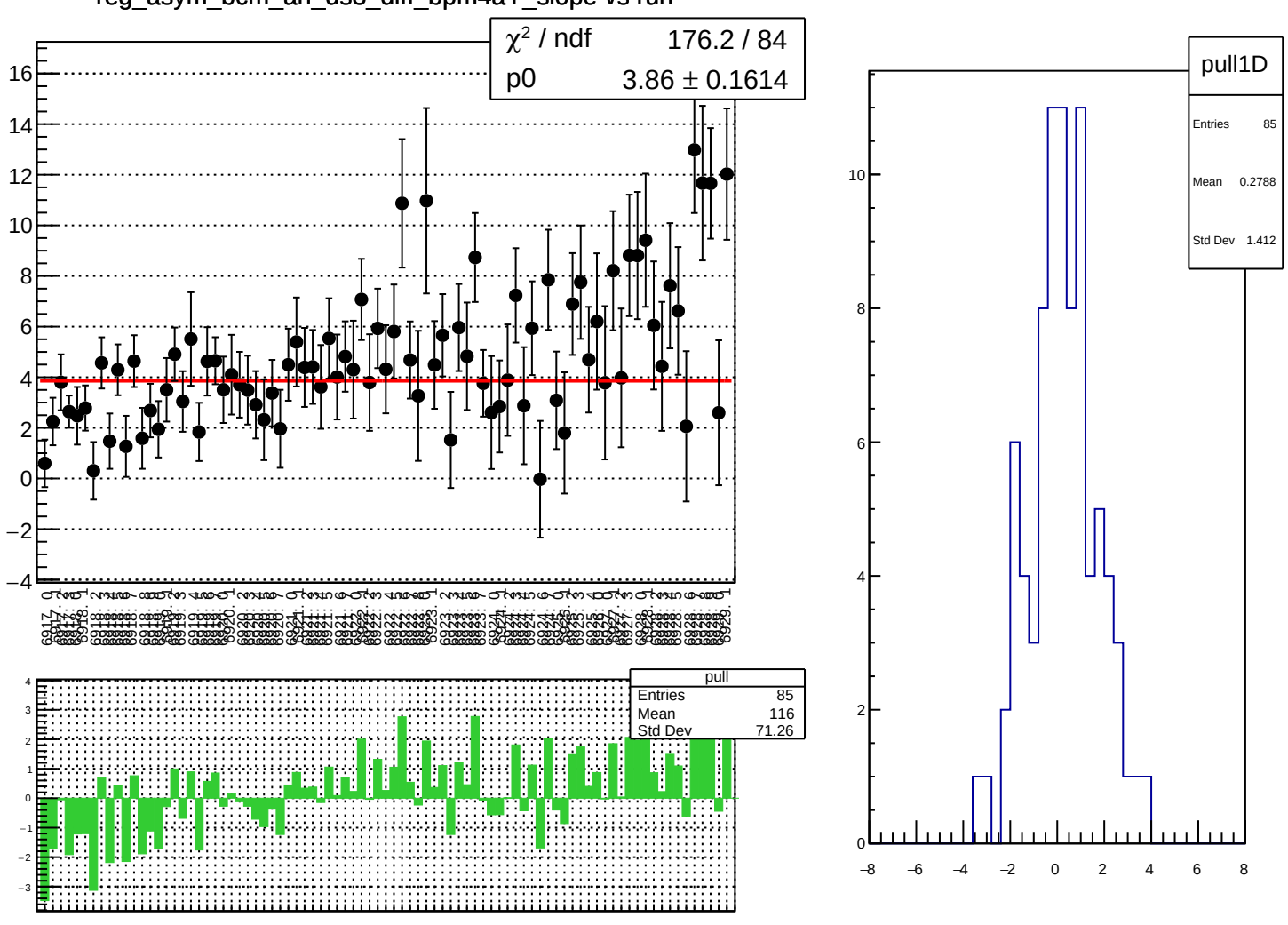

pull1D
Entries 85
Mean −0.01505
Std Dev 0.9402

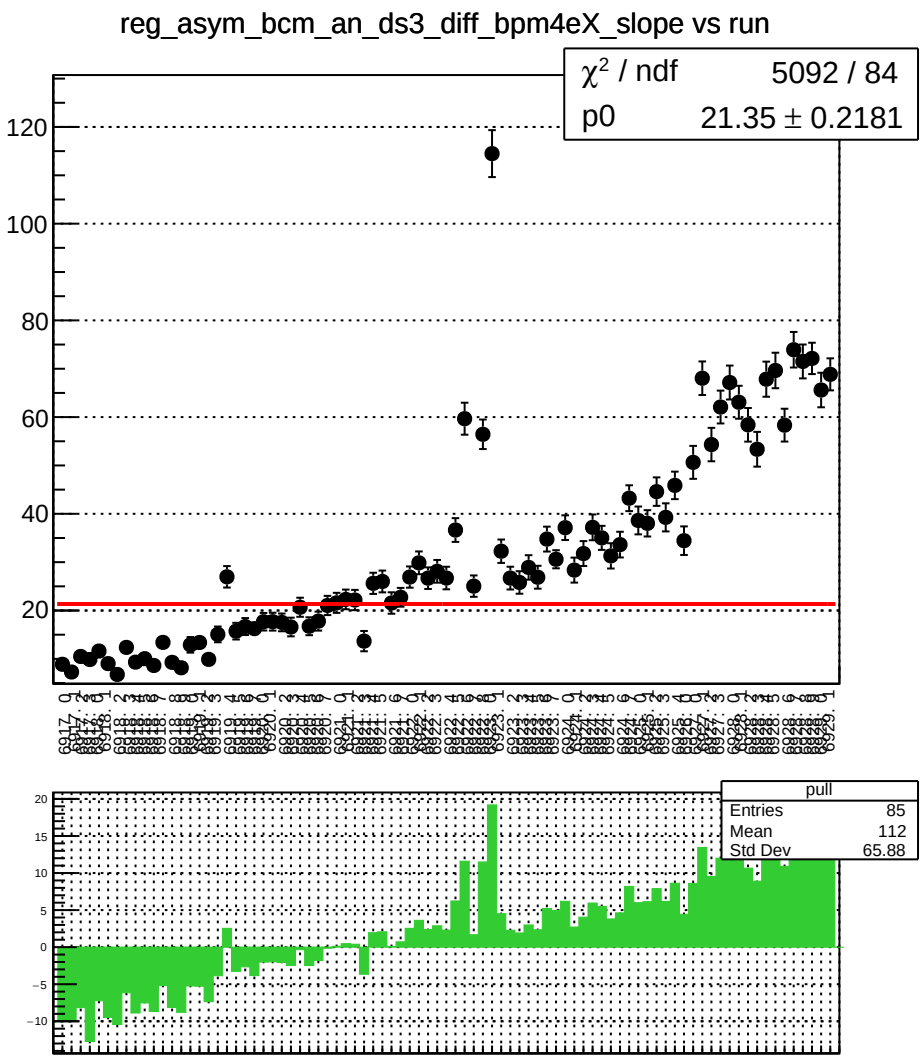

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs run
χ² / ndf 77.87 / 84
p0 5.166 ± 1.293
pull
Entries 85
Mean 114.8
Std Dev 72.33
pull1D
Entries 85
Mean −0.01171
Std Dev 0.957

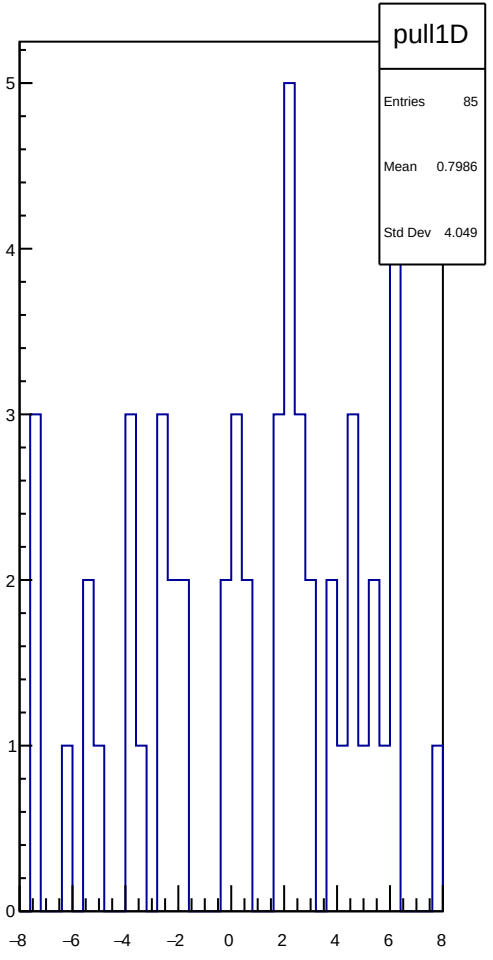

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs run
χ² / ndf 69.68 / 84
p0 −9.739 ± 0.05478
pull
Entries 85
Mean 323.1
Std Dev 274.5
pull1D
Entries 85
Mean −0.005869
Std Dev 0.9054

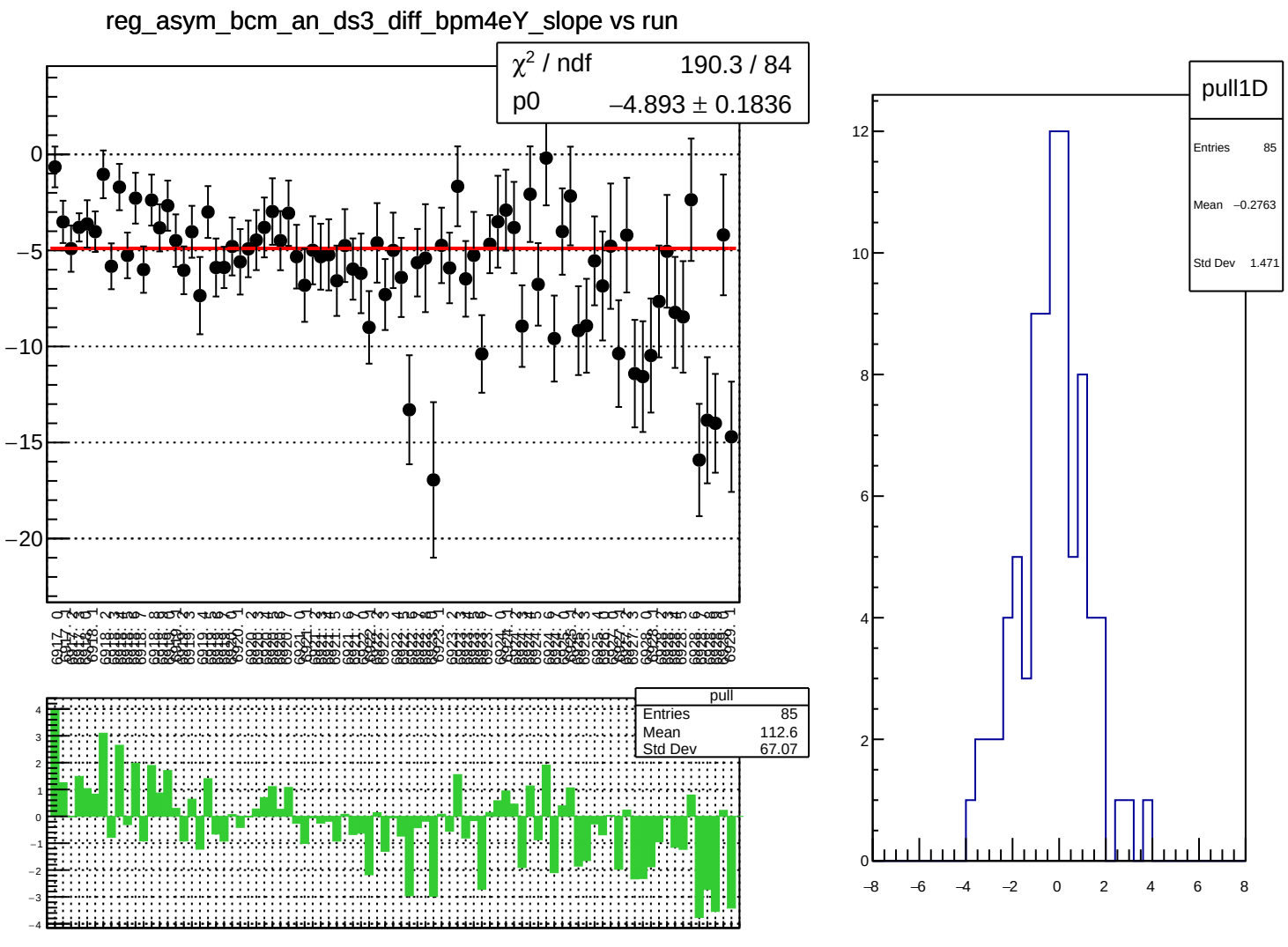

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs run
χ² / ndf 5334 / 84
p0 −23.8 ± 0.2349
pull
Entries 85
Mean 111.7
Std Dev 65.66

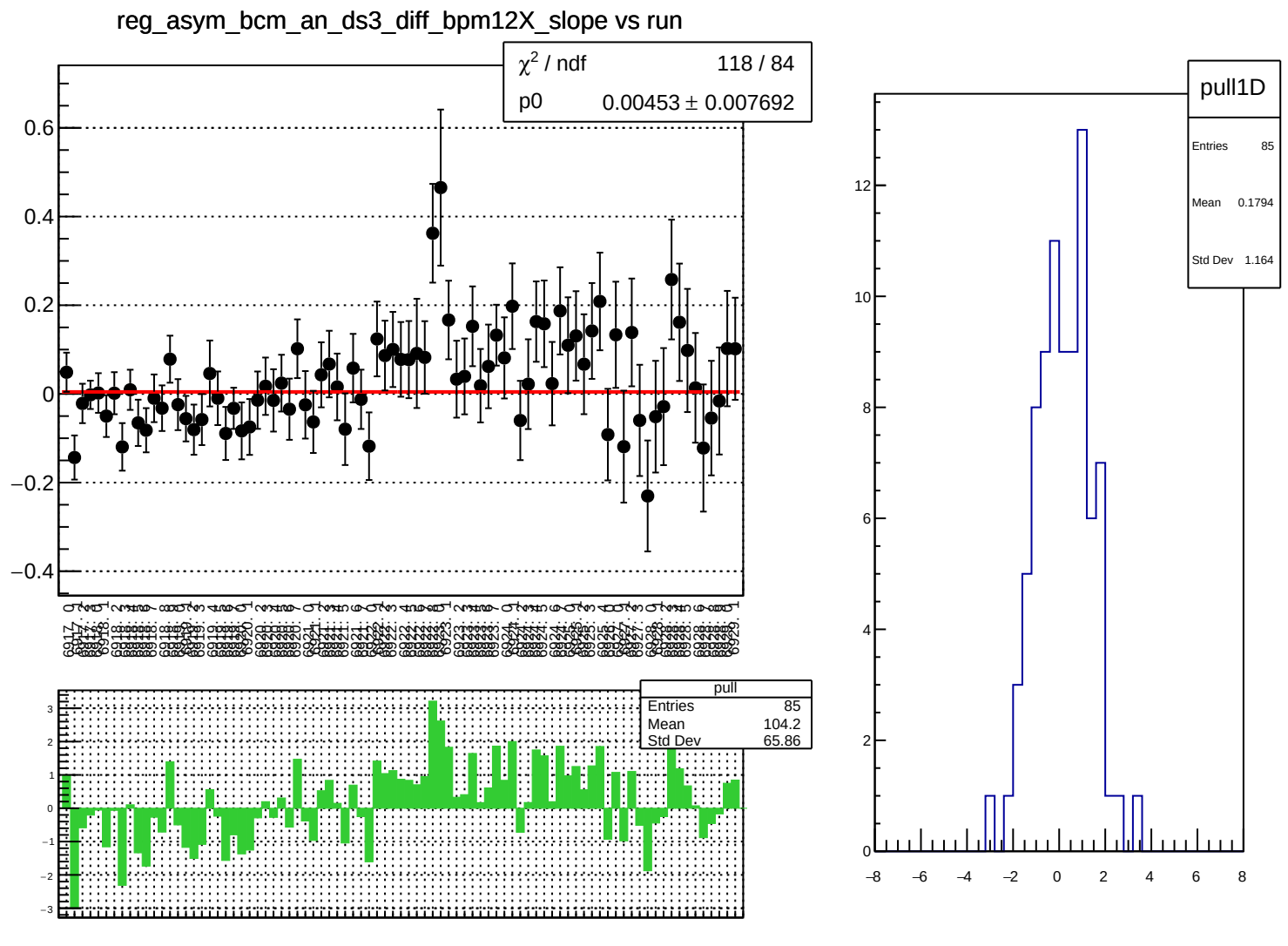

pull1D
Entries 85
Mean −0.7201
Std Dev 4.097

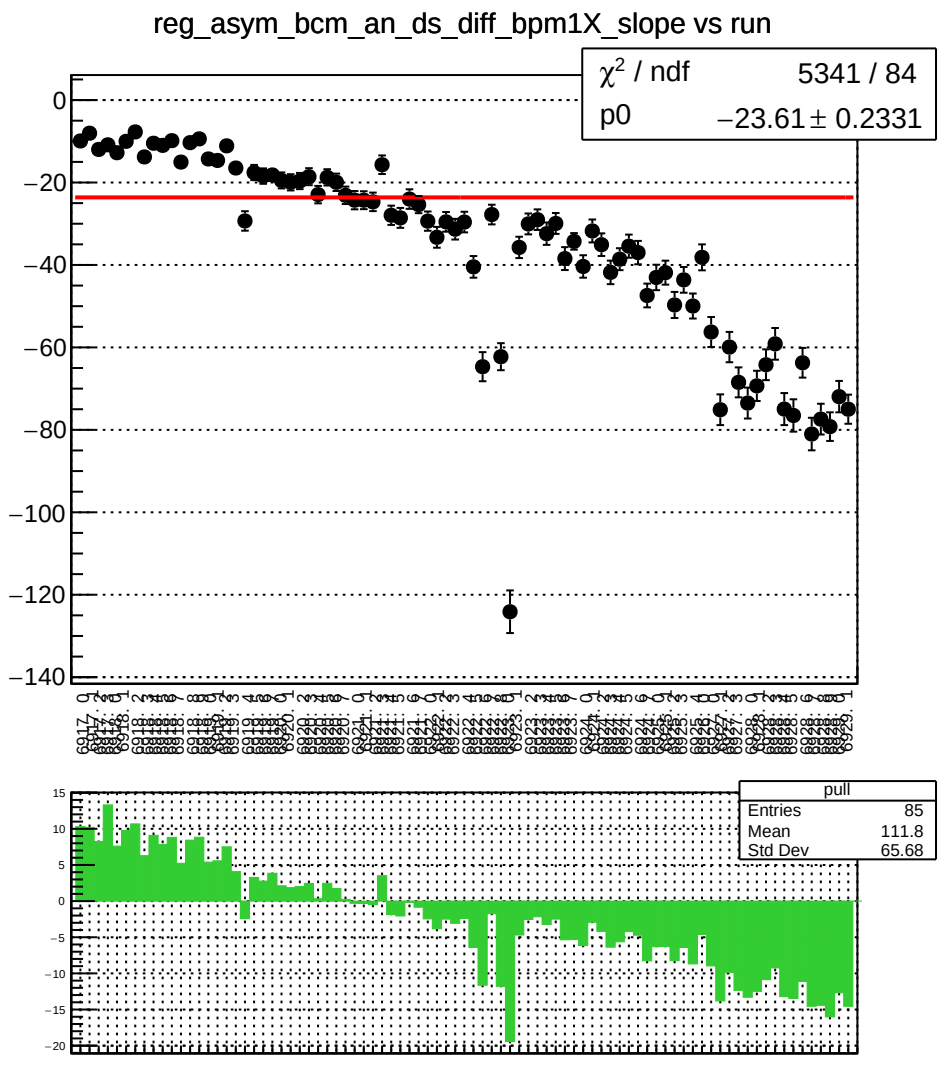

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs run
χ² / ndf 176.2 / 84
p0 3.86 ± 0.1614
pull
Entries 85
Mean 116
Std Dev 71.26
pull1D
Entries 85
Mean 0.2788
Std Dev 1.412

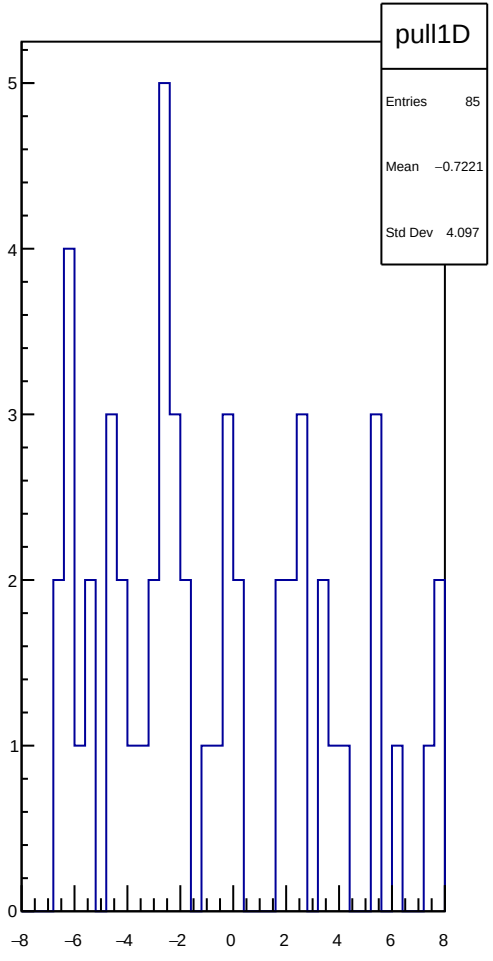

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs run
χ² / ndf 5092 / 84
p0 21.35 ± 0.2181
pull
Entries 85
Mean 112
Std Dev 65.88

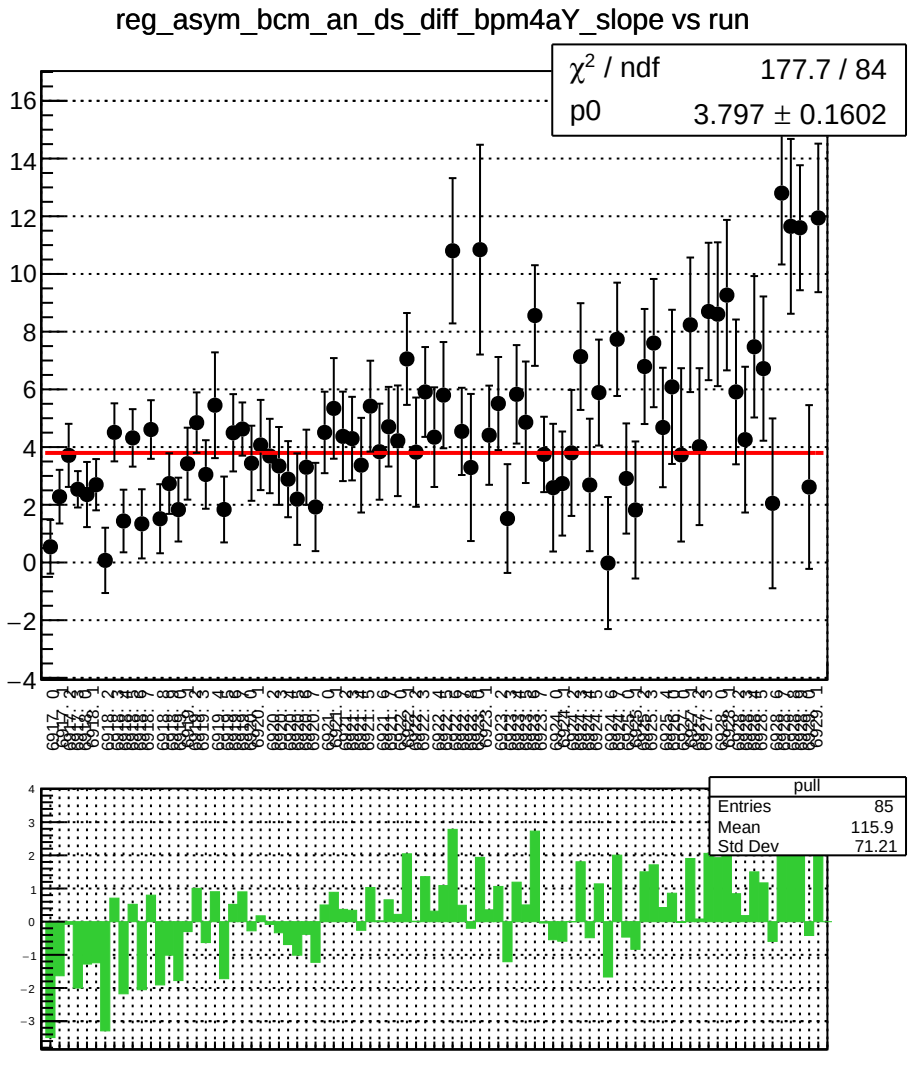

pull1D
Entries 85
Mean 0.7986
Std Dev 4.049

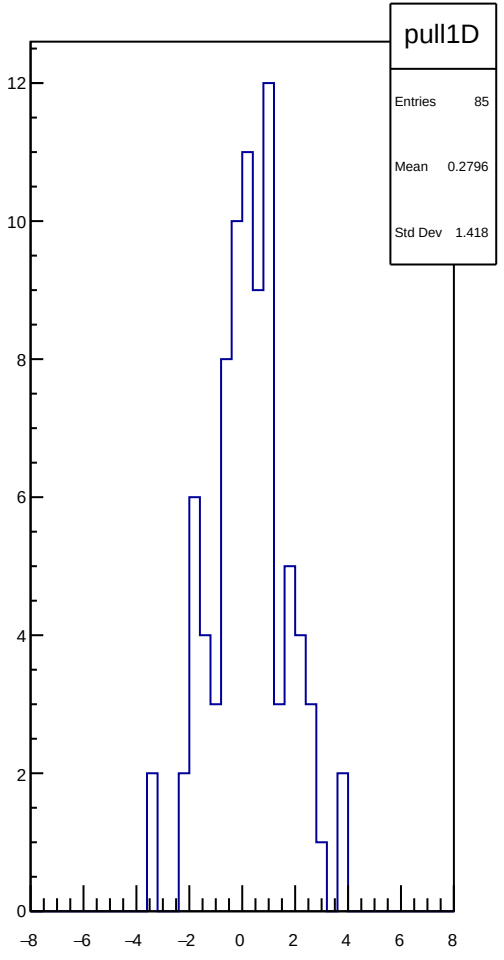

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs run
χ² / ndf 190.3 / 84
p0 −4.893 ± 0.1836
pull
Entries 85
Mean 112.6
Std Dev 67.07
pull1D
Entries 85
Mean −0.2763
Std Dev 1.471

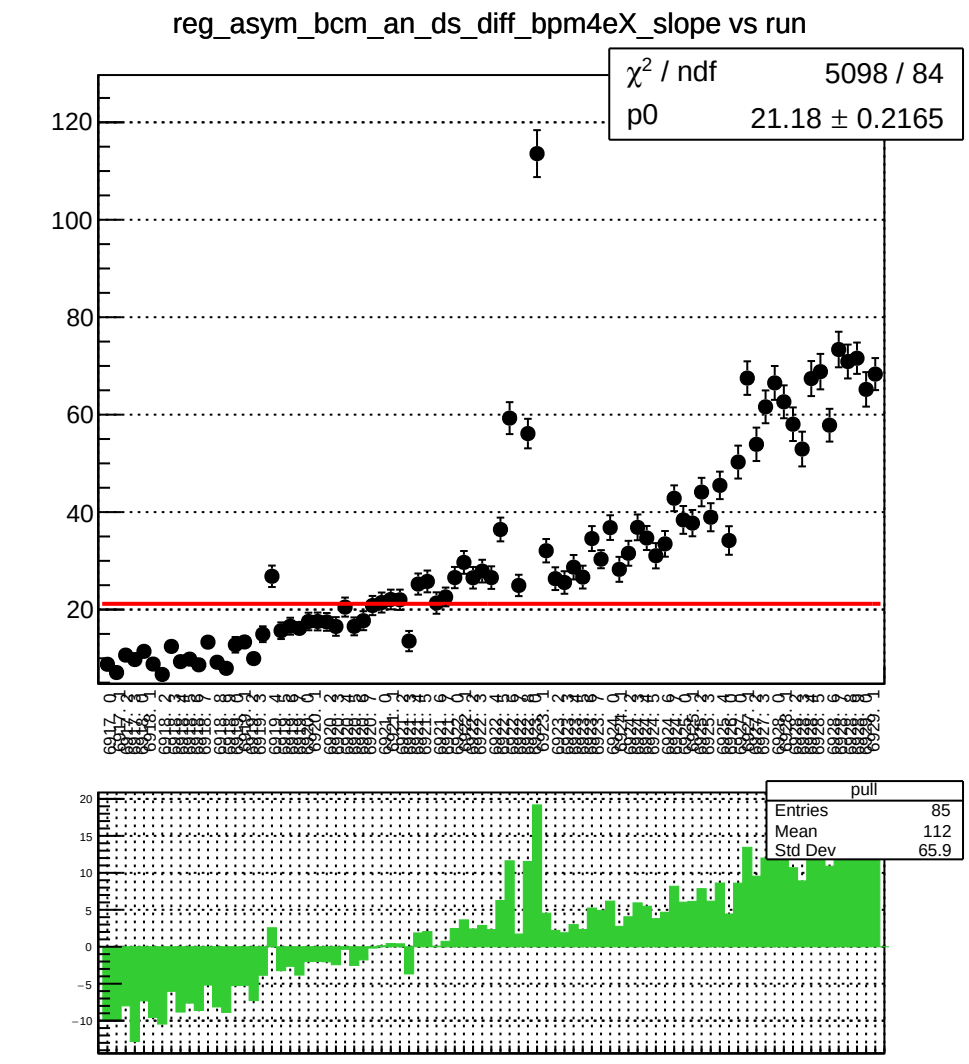

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs run
χ² / ndf 118 / 84
p0 0.00453 ± 0.007692
pull
Entries 85
Mean 104.2
Std Dev 65.86
pull1D
Entries 85
Mean 0.1794
Std Dev 1.164

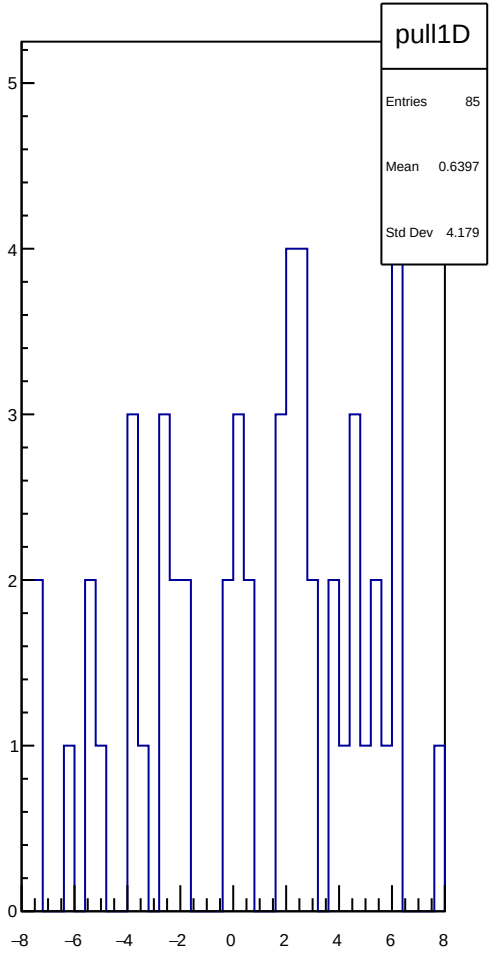

reg_asym_bcm_an_ds_diff_bpm1X_slope vs run
χ² / ndf 5341 / 84
p0 −23.61 ± 0.2331
pull
Entries 85
Mean 111.8
Std Dev 65.68

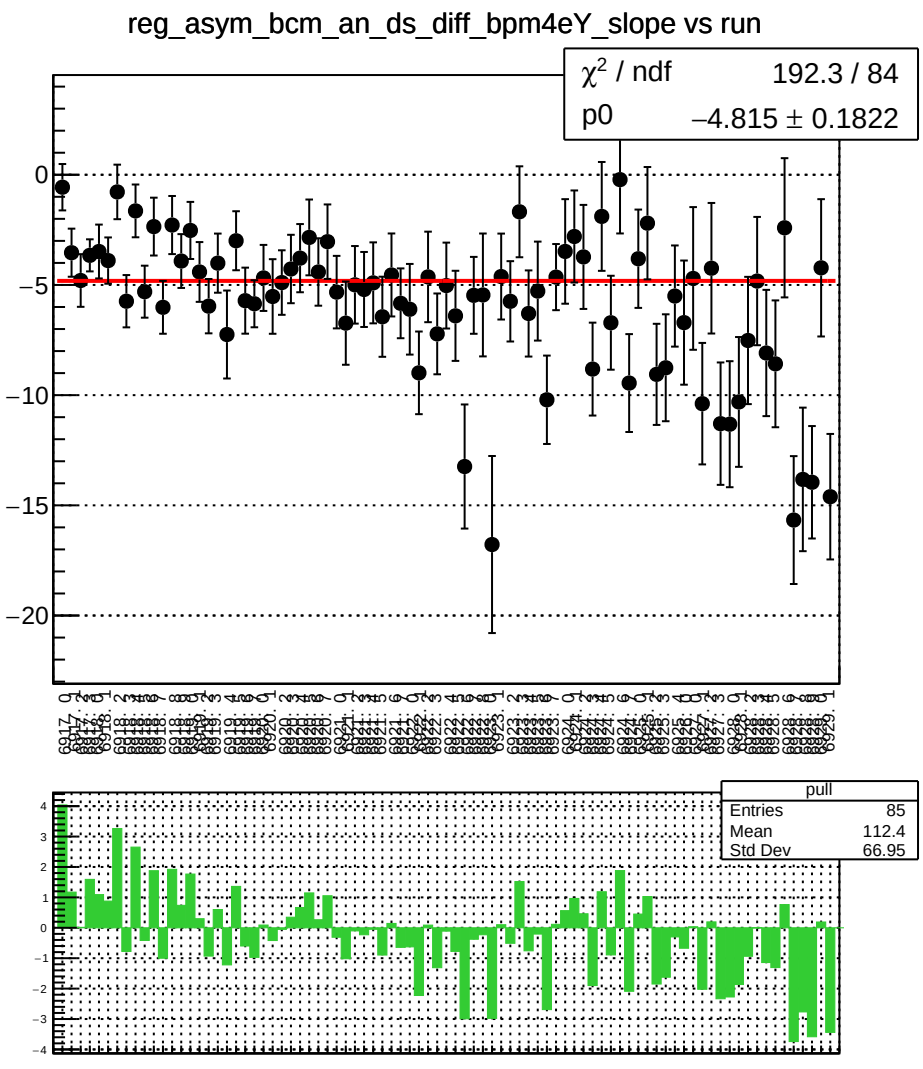

pull1D
Entries 85
Mean −0.7221
Std Dev 4.097

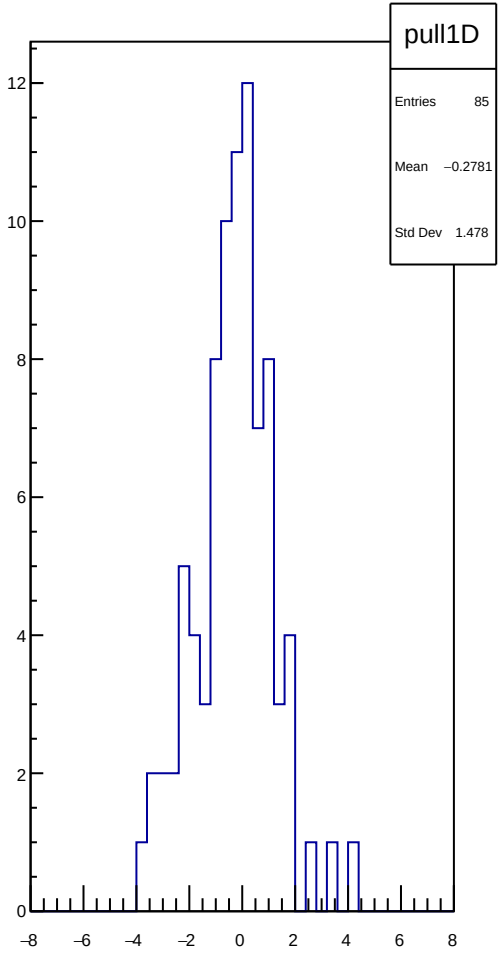

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs run
χ² / ndf 177.7 / 84
p0 3.797 ± 0.1602
pull
Entries 85
Mean 115.9
Std Dev 71.21

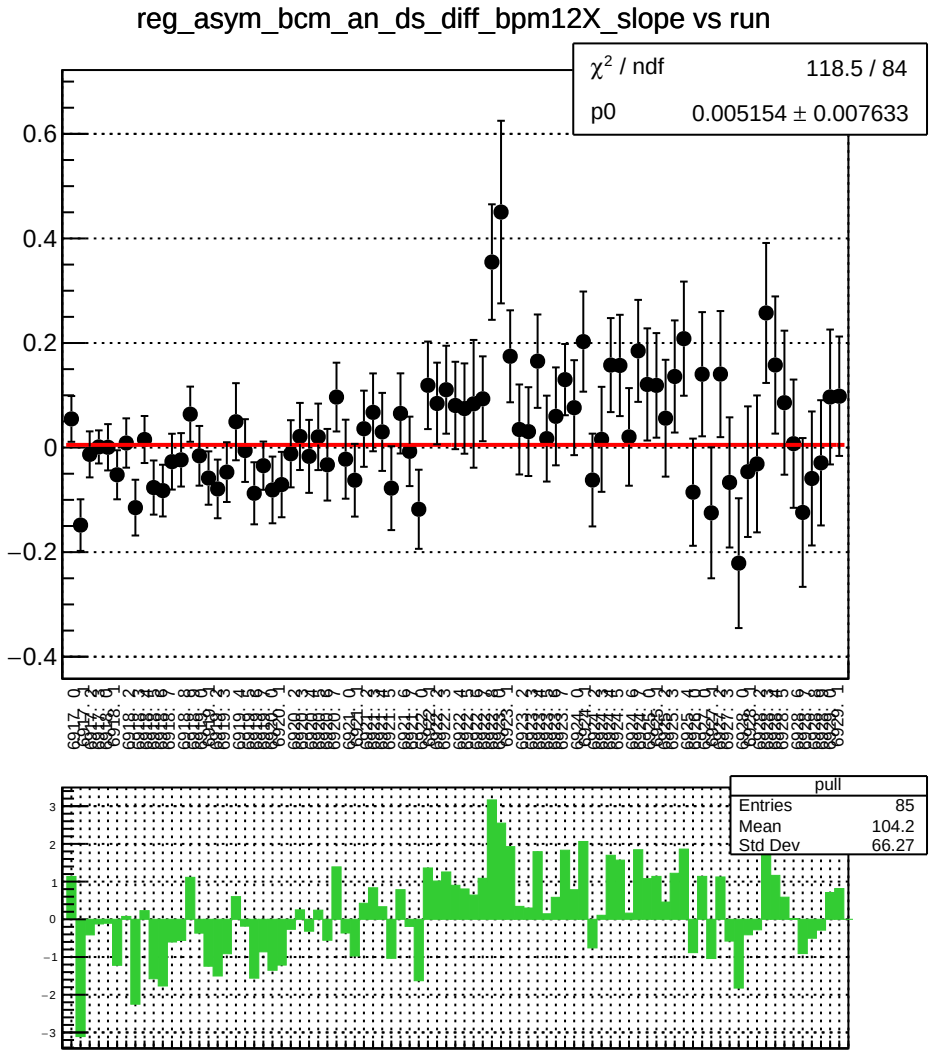

pull1D
Entries 85
Mean 0.2796
Std Dev 1.418

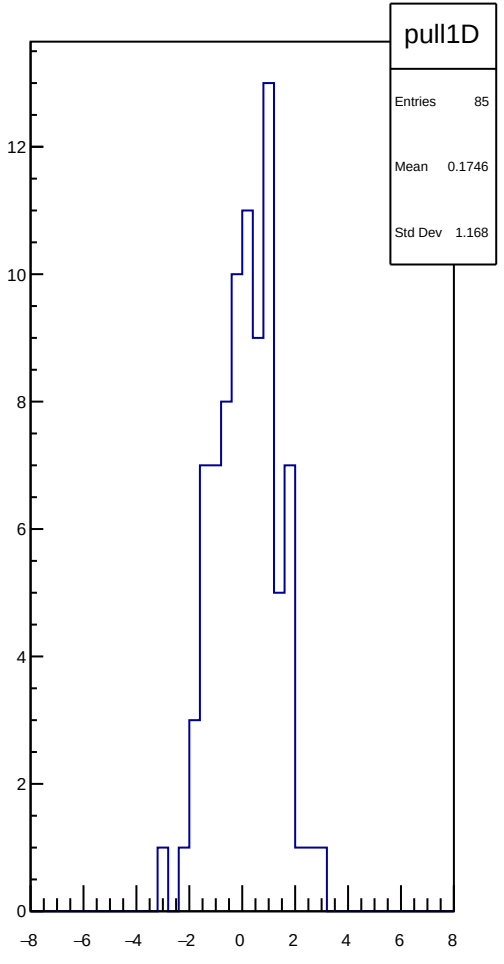

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs run
χ² / ndf 5098 / 84
p0 21.18 ± 0.2165
pull
Entries 85
Mean 112
Std Dev 65.9

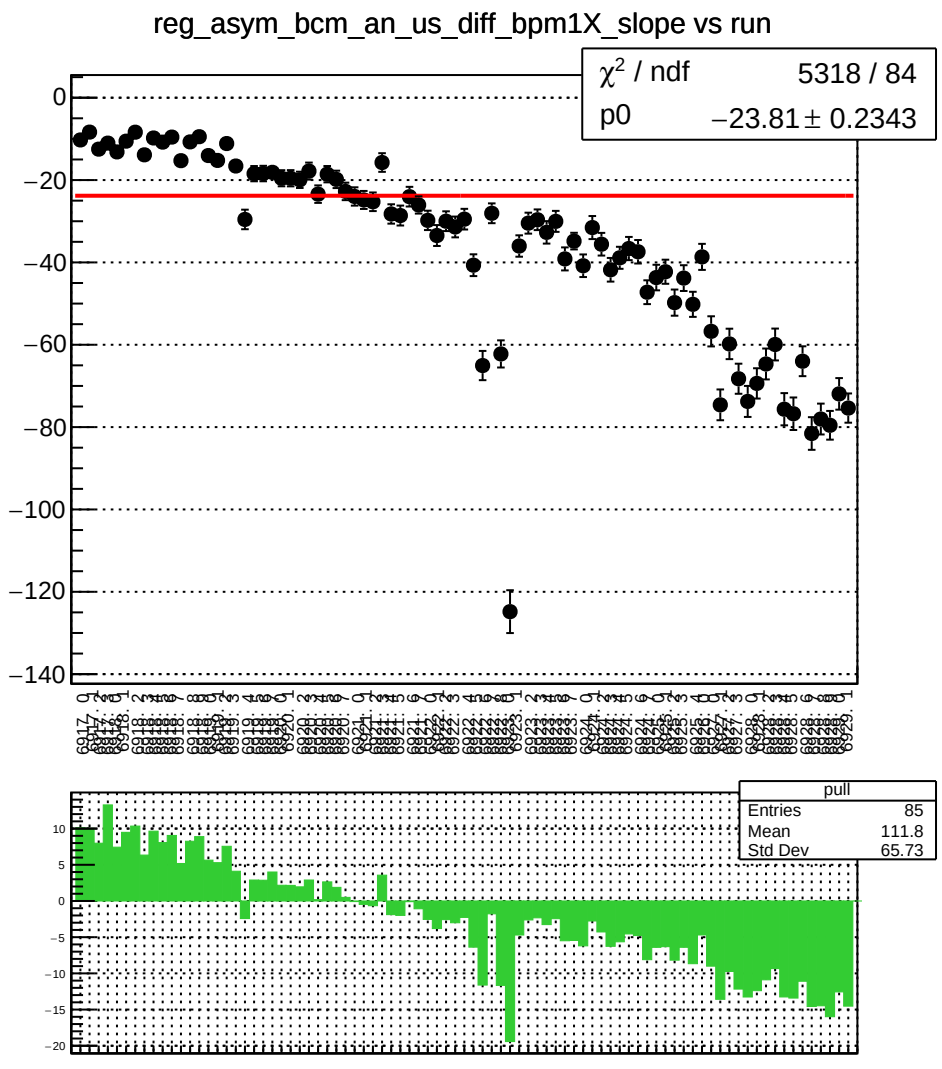

pull1D
Entries 85
Mean 0.6397
Std Dev 4.179

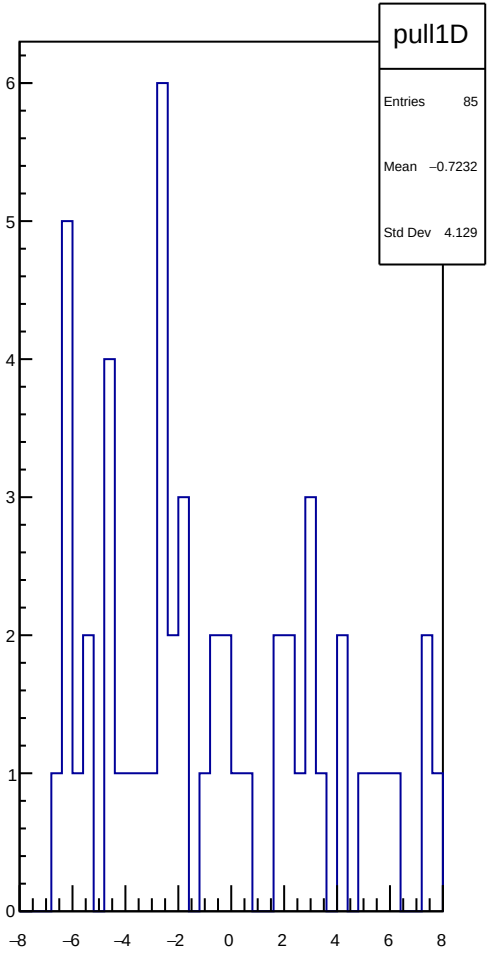

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs run
χ² / ndf 192.3 / 84
p0 −4.815 ± 0.1822
pull
Entries 85
Mean 112.4
Std Dev 66.95

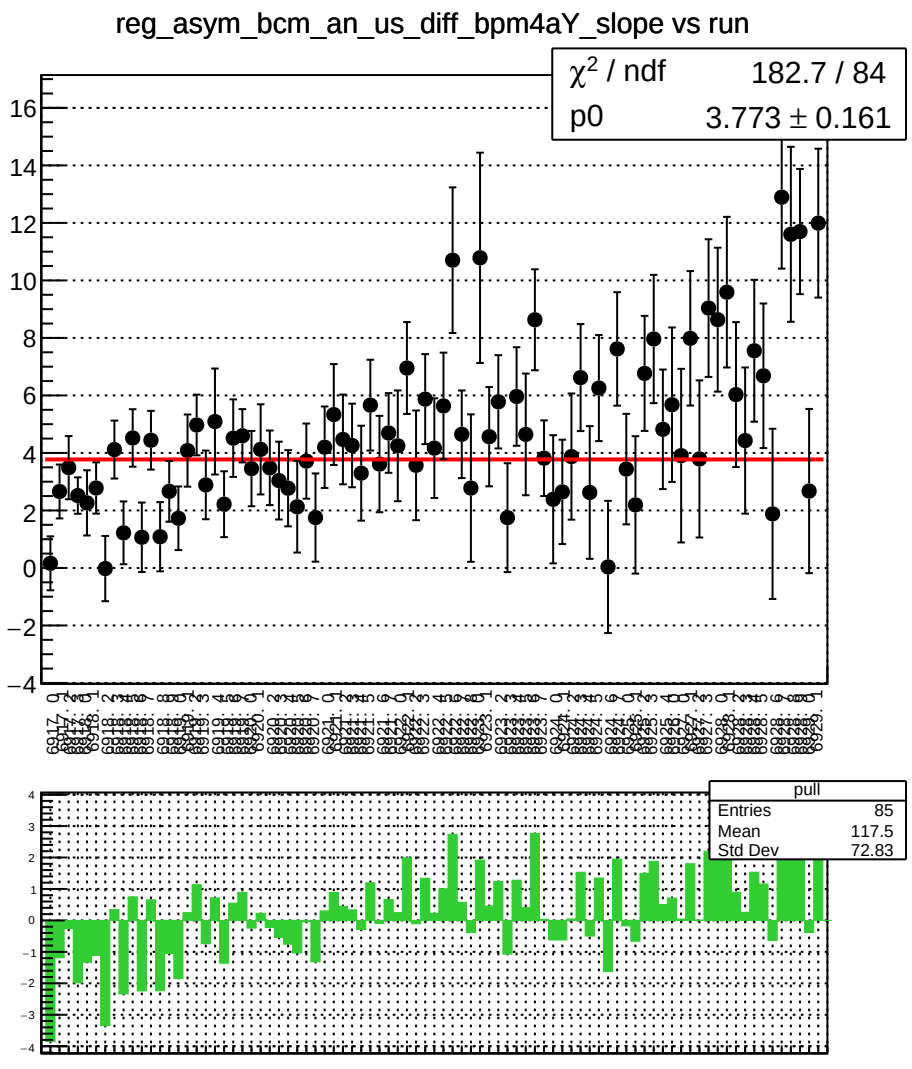

pull1D
Entries 85
Mean −0.2781
Std Dev 1.478

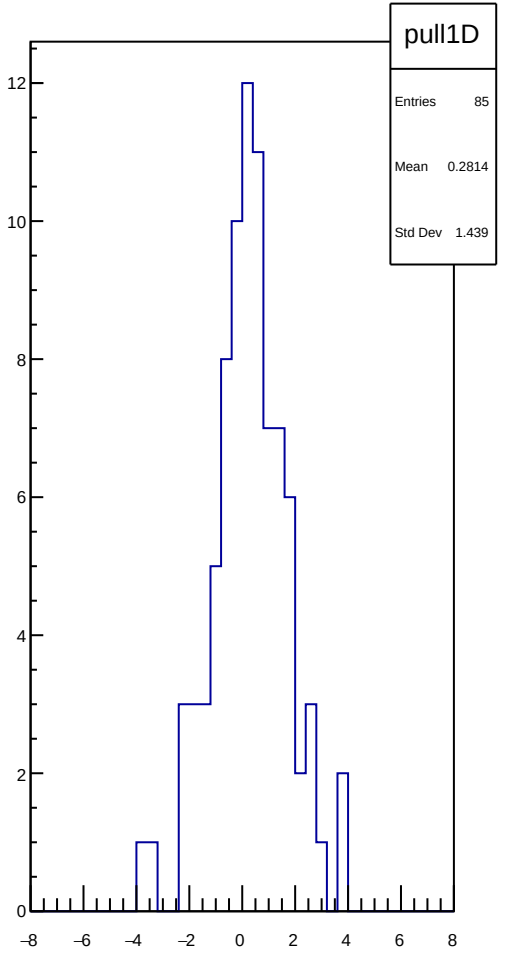

reg_asym_bcm_an_ds_diff_bpm12X_slope vs run
χ² / ndf 118.5 / 84
p0 0.005154 ± 0.007633
pull
Entries 85
Mean 104.2
Std Dev 66.27

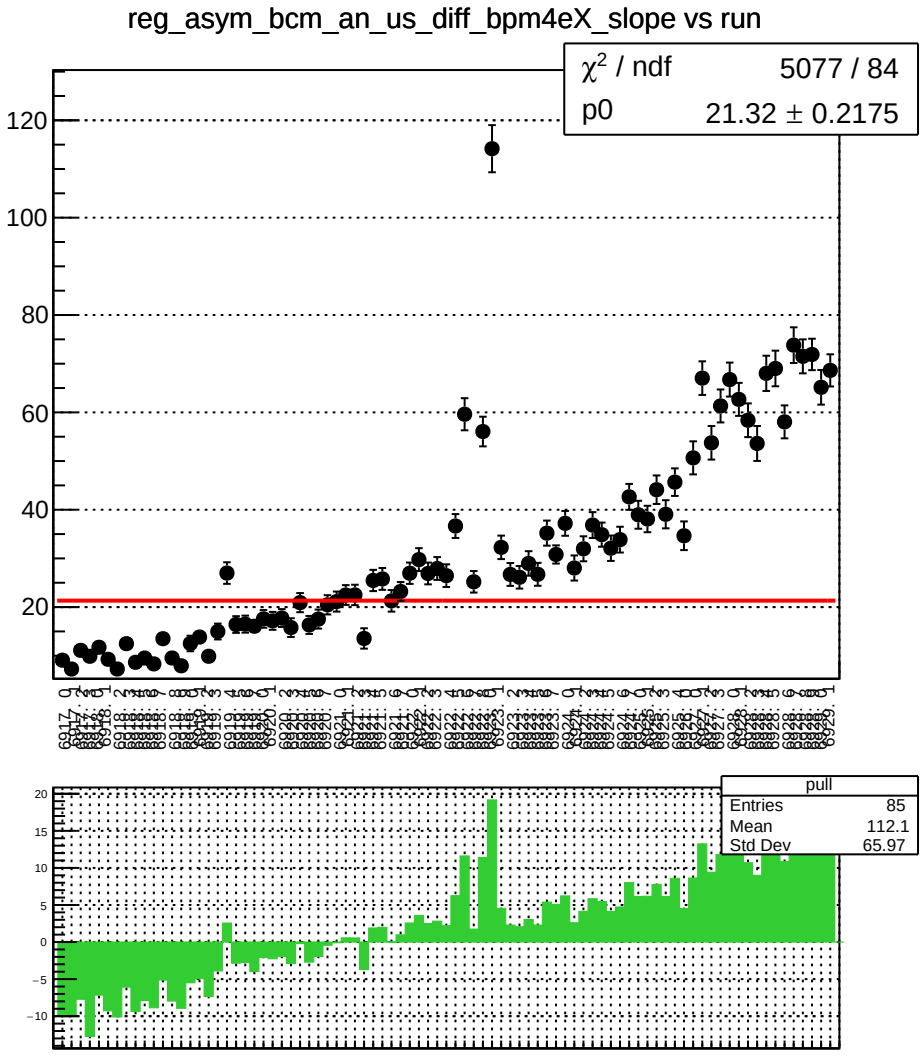

pull1D
Entries 85
Mean 0.1746
Std Dev 1.168

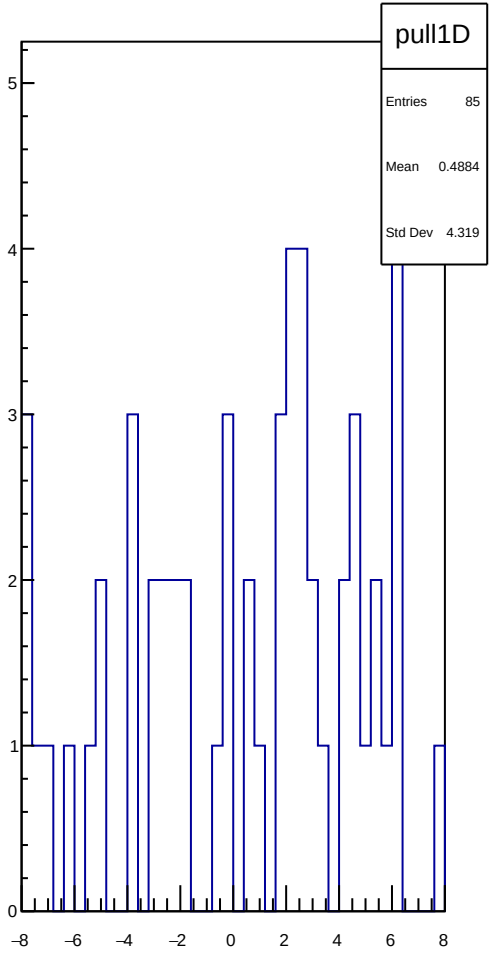

reg_asym_bcm_an_us_diff_bpm1X_slope vs run
χ² / ndf 5318 / 84
p0 −23.81 ± 0.2343
pull
Entries 85
Mean 111.8
Std Dev 65.73

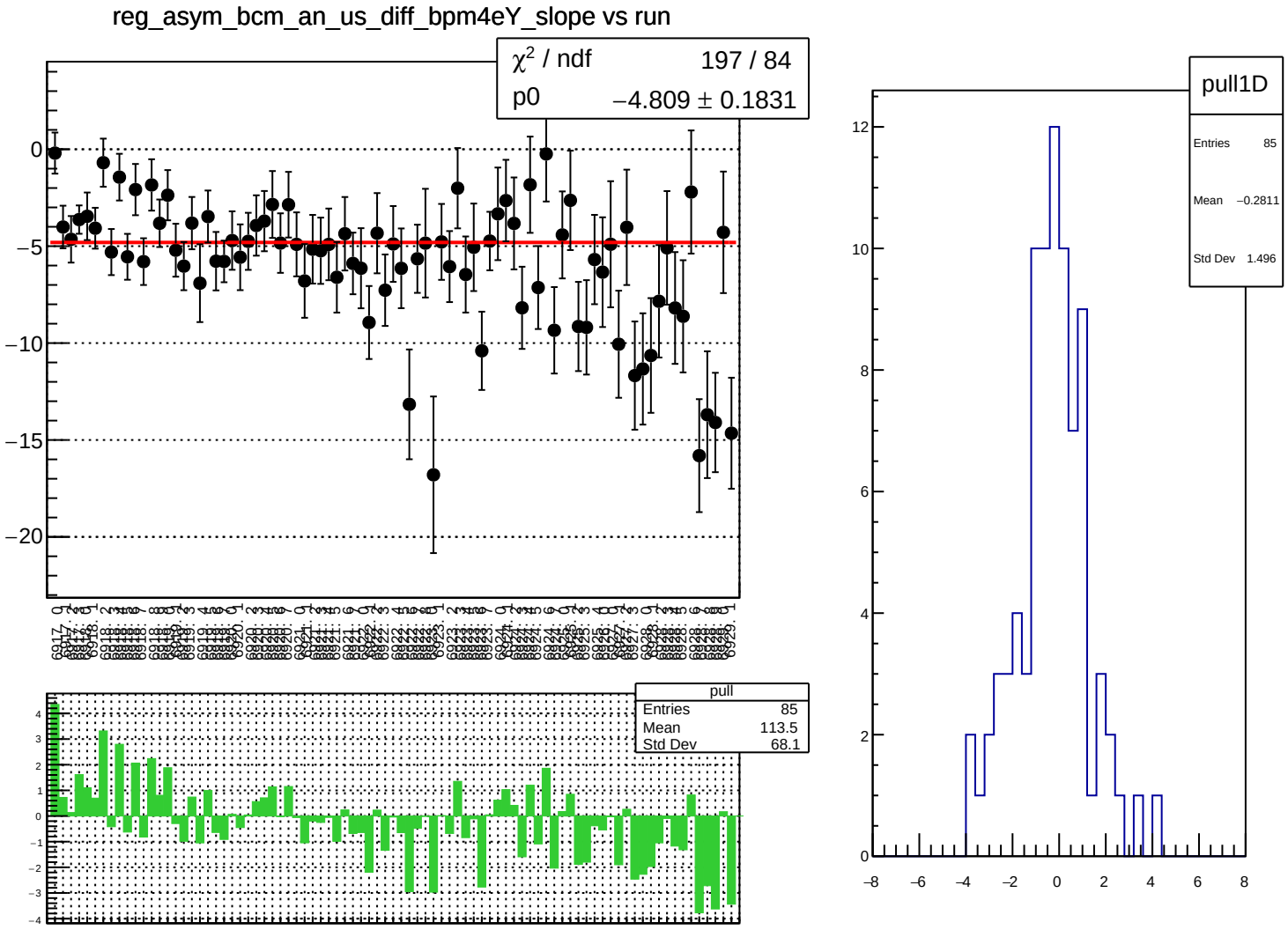

pull1D
Entries 85
Mean −0.7232
Std Dev 4.129

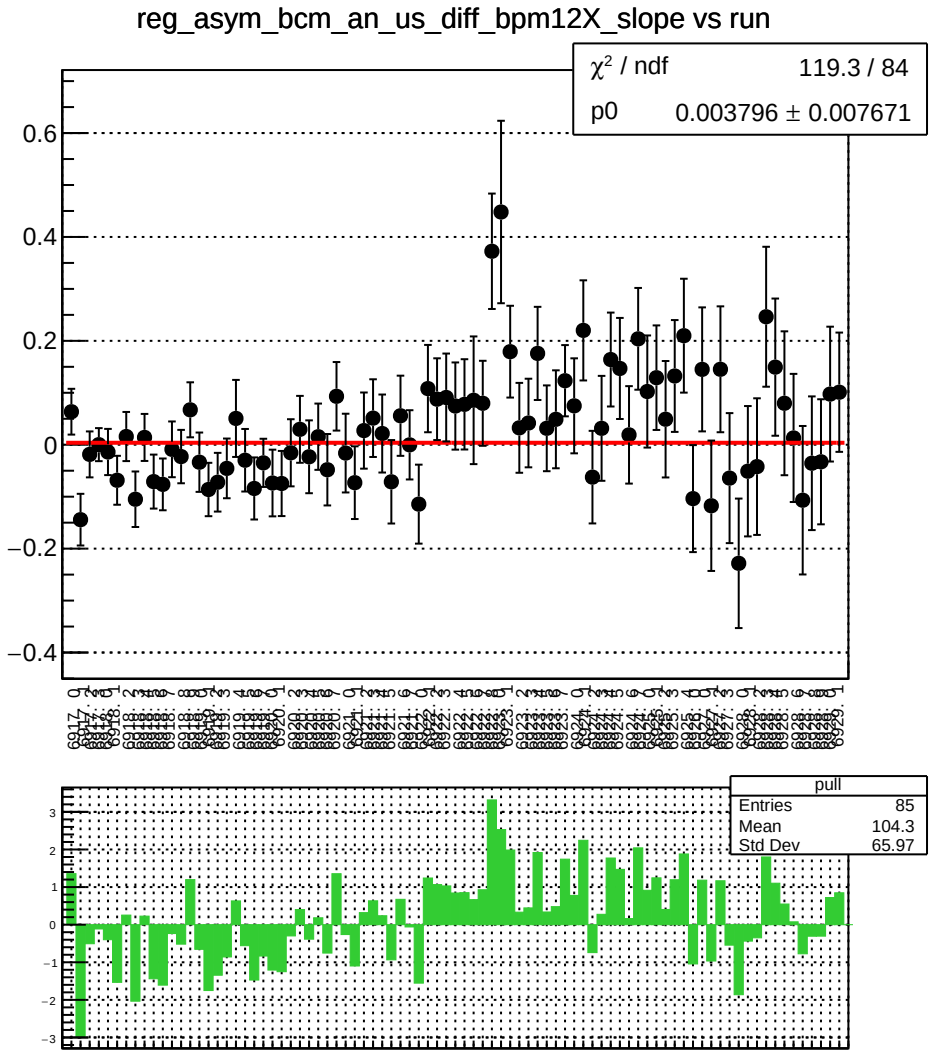

reg_asym_bcm_an_us_diff_bpm4aY_slope vs run
χ² / ndf 182.7 / 84
p0 3.773 ± 0.161
pull
Entries 85
Mean 117.5
Std Dev 72.83

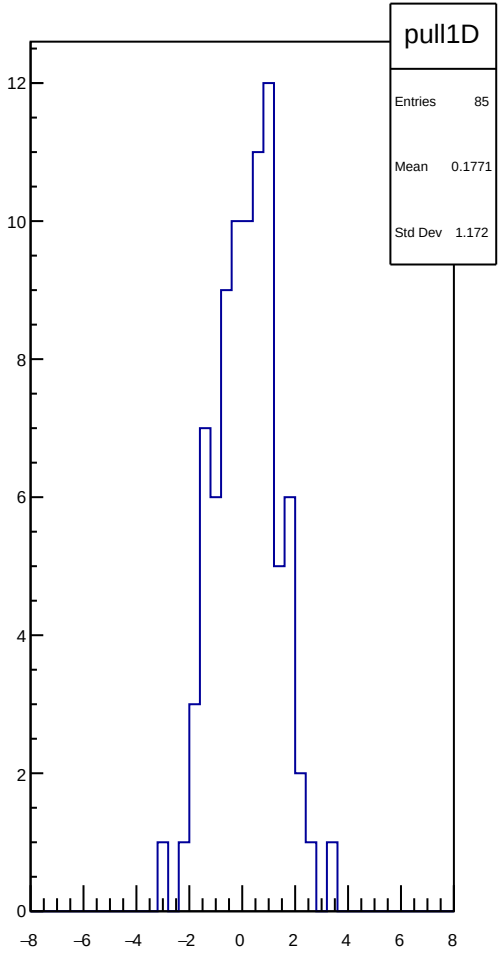

pull1D
Entries 85
Mean 0.2814
Std Dev 1.439

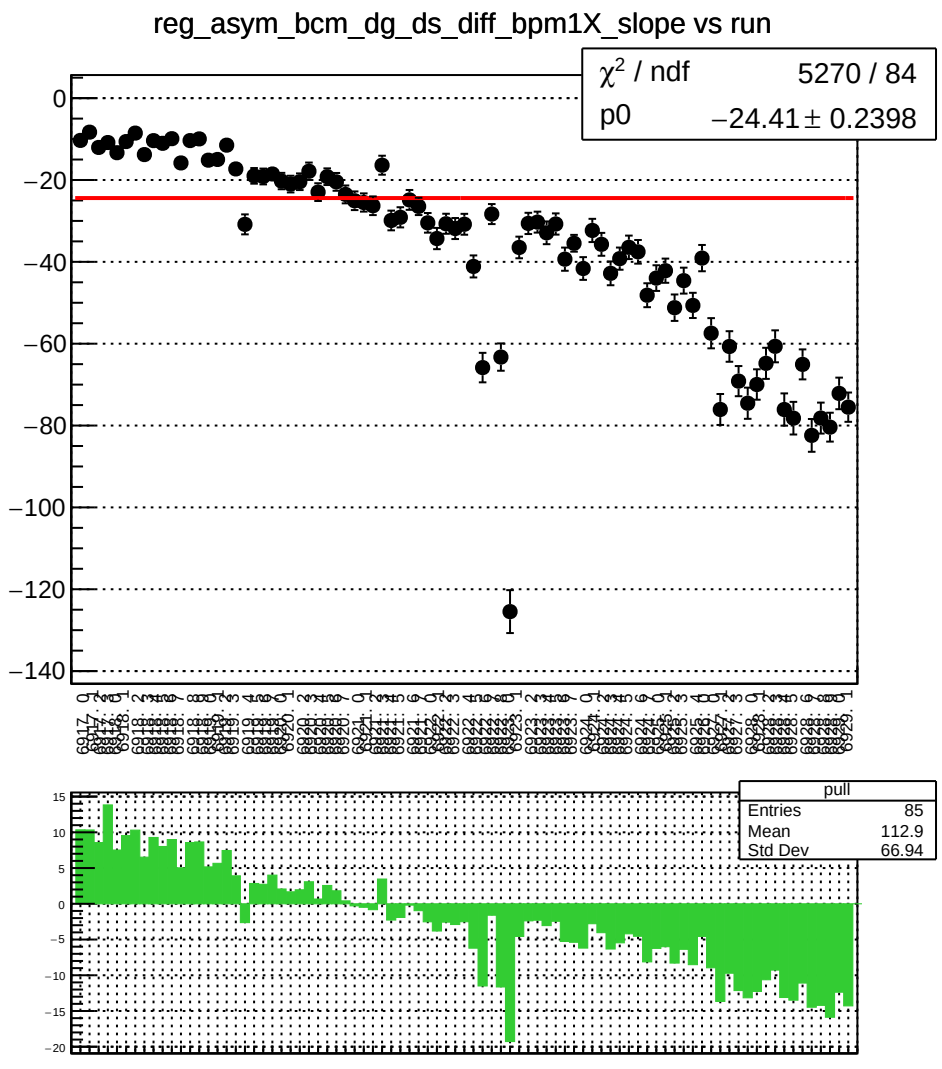

reg_asym_bcm_an_us_diff_bpm4eX_slope vs run
χ² / ndf 5077 / 84
p0 21.32 ± 0.2175
pull
Entries 85
Mean 112.1
Std Dev 65.97

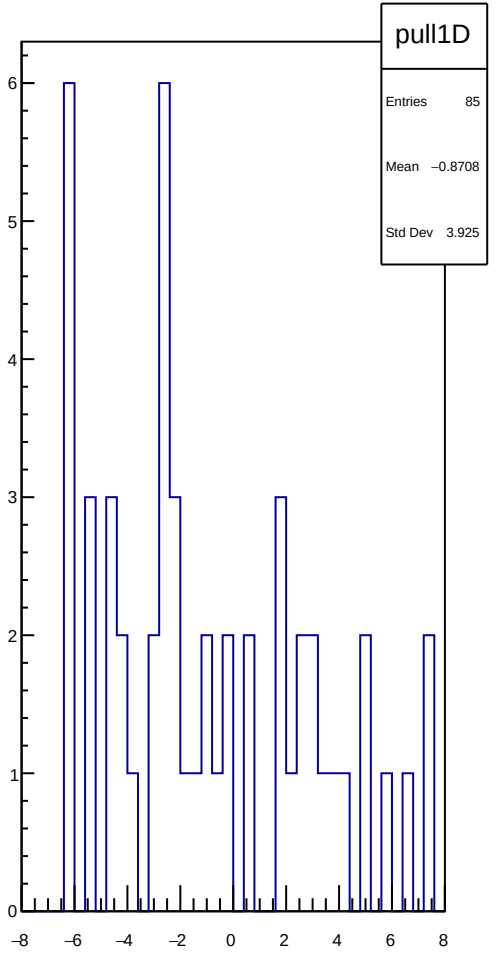

pull1D
Entries 85
Mean 0.4884
Std Dev 4.319

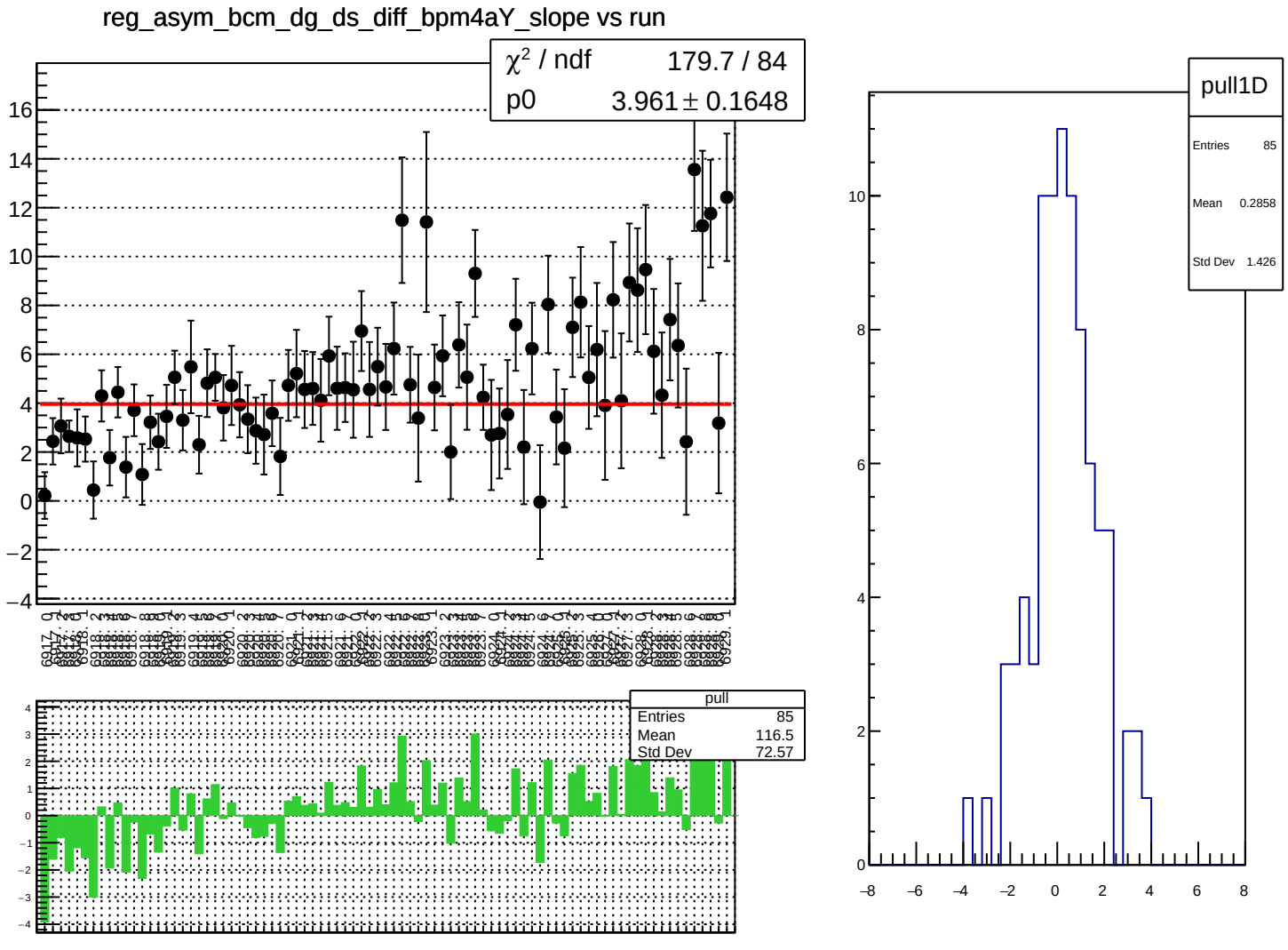

reg_asym_bcm_an_us_diff_bpm4eY_slope vs run
χ² / ndf 197 / 84
p0 −4.809 ± 0.1831
pull
Entries 85
Mean 113.5
Std Dev 68.1
pull1D
Entries 85
Mean −0.2811
Std Dev 1.496

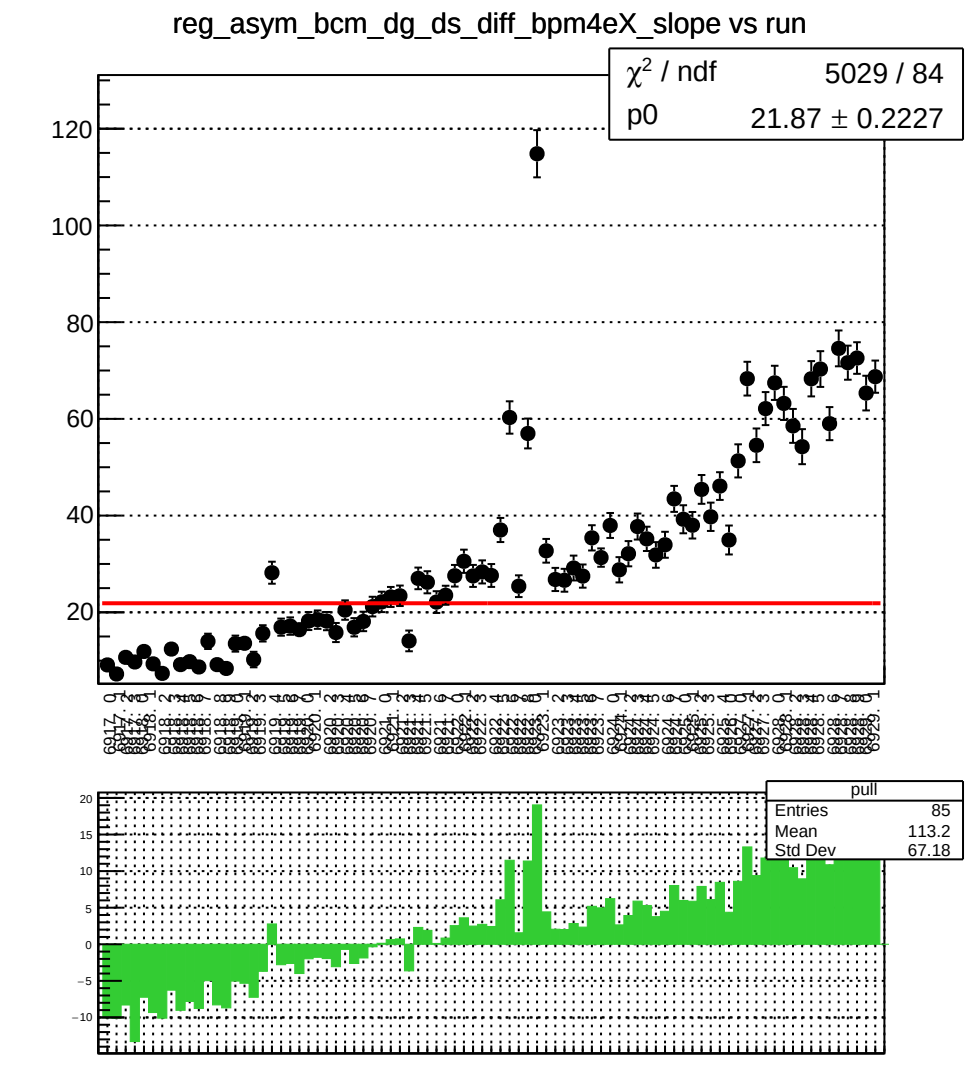

reg_asym_bcm_an_us_diff_bpm12X_slope vs run
χ² / ndf 119.3 / 84
p0 0.003796 ± 0.007671
pull
Entries 85
Mean 104.3
Std Dev 65.97

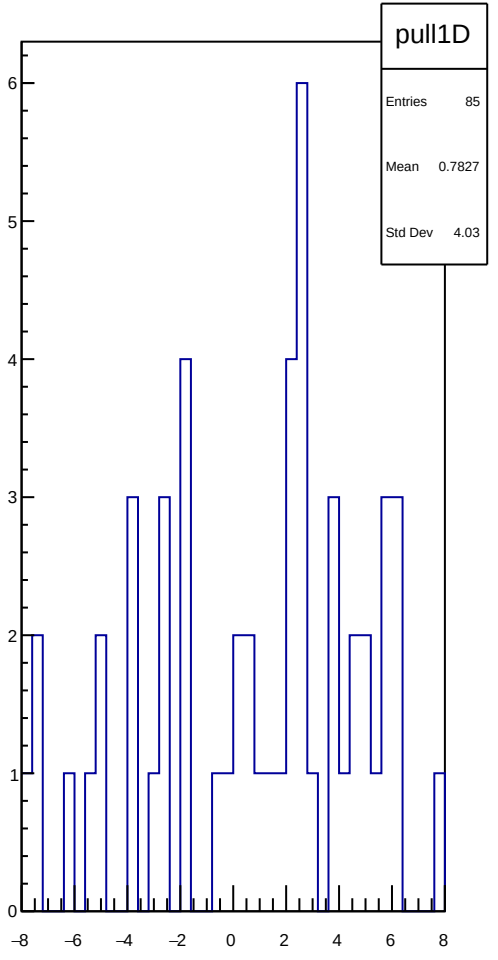

pull1D
Entries 85
Mean 0.1771
Std Dev 1.172

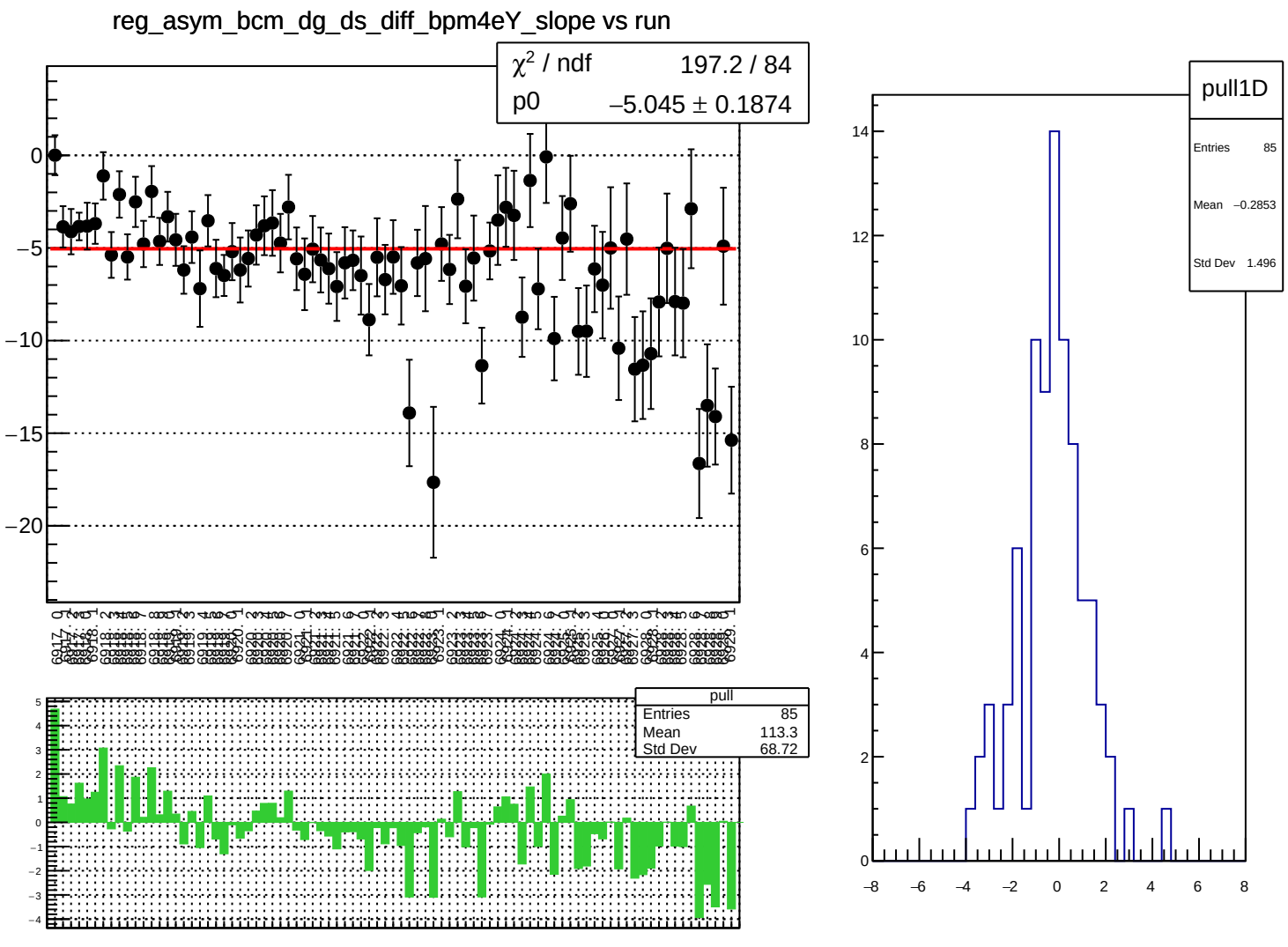

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs run
χ² / ndf 5270 / 84
p0 −24.41 ± 0.2398
pull
Entries 85
Mean 112.9
Std Dev 66.94

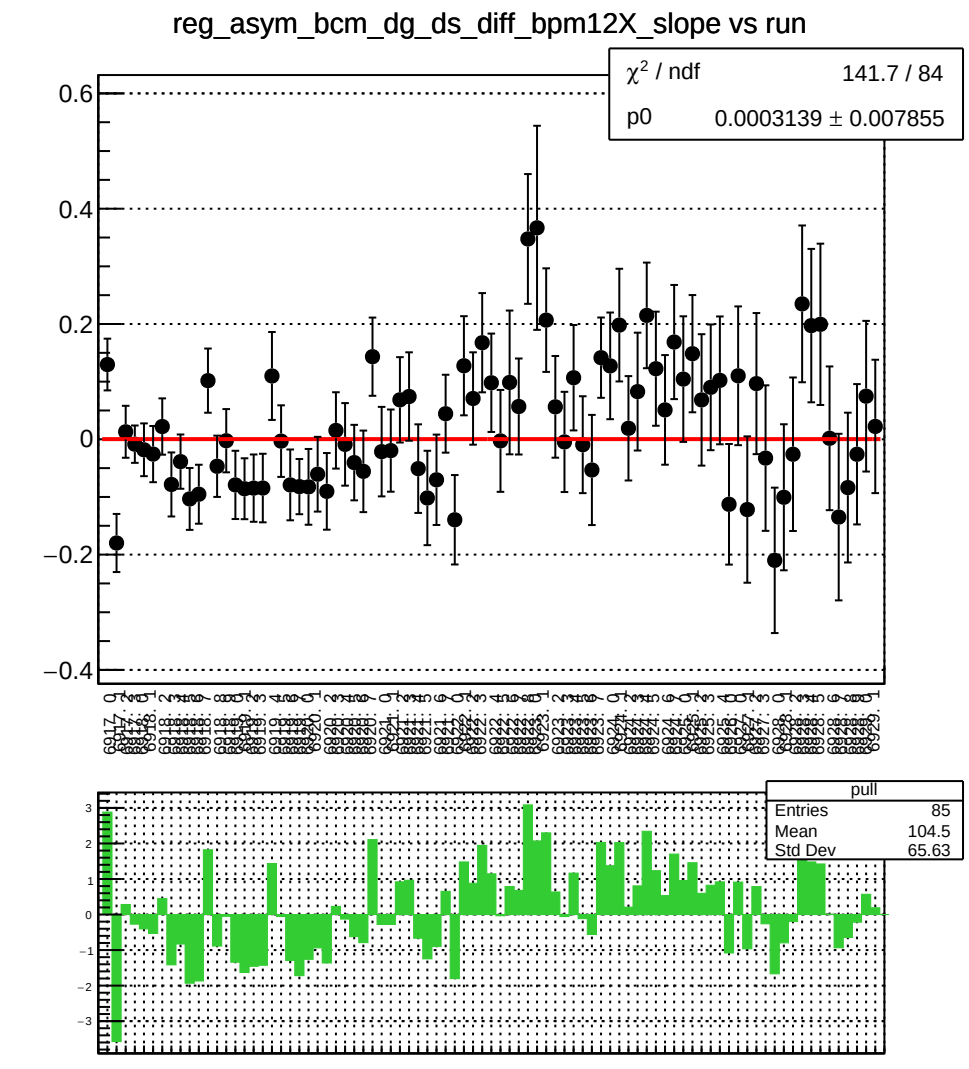

pull1D
Entries 85
Mean −0.8708
Std Dev 3.925

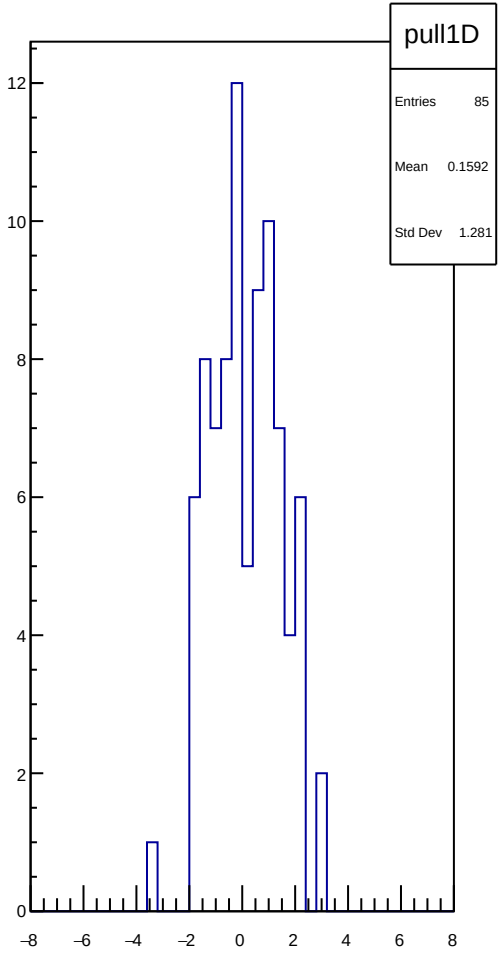

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs run
χ² / ndf 179.7 / 84
p0 3.961 ± 0.1648
pull
Entries 85
Mean 116.5
Std Dev 72.57
pull1D
Entries 85
Mean 0.2858
Std Dev 1.426

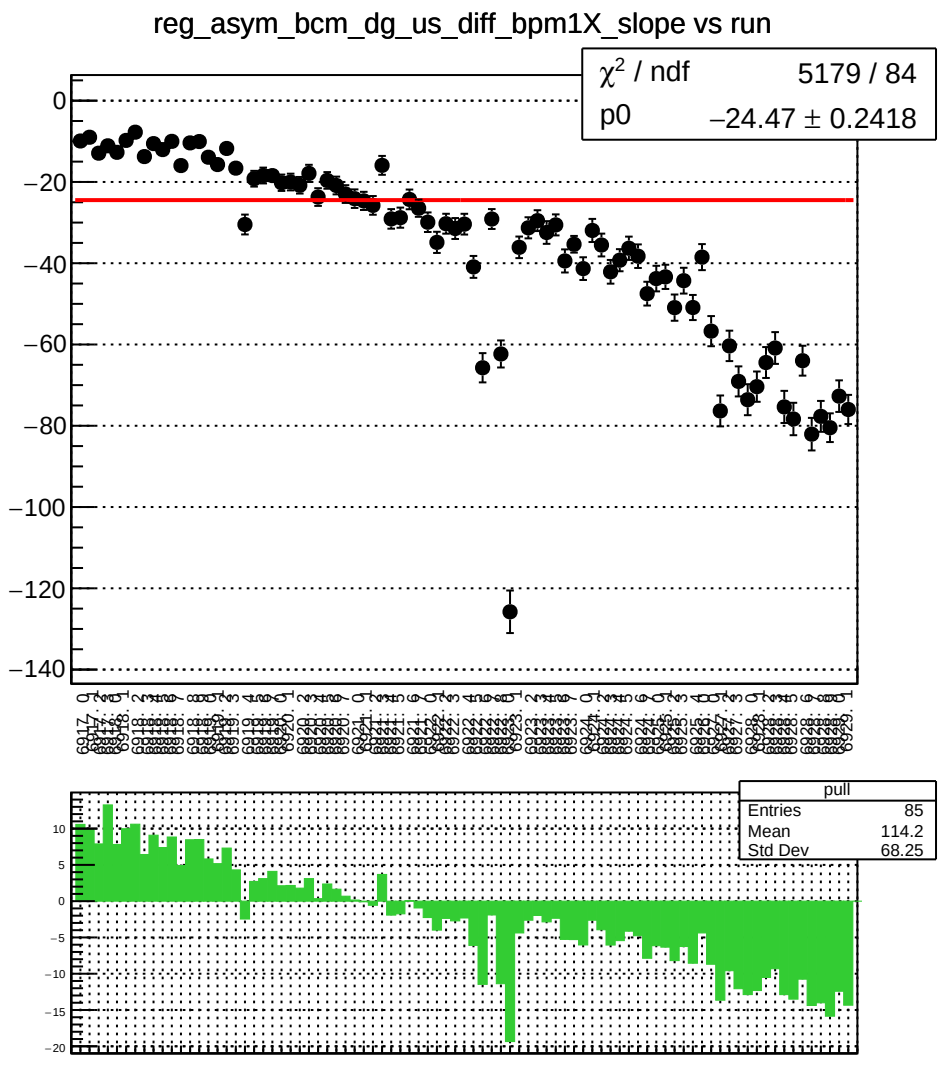

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs run
χ² / ndf 5029 / 84
p0 21.87 ± 0.2227
pull
Entries 85
Mean 113.2
Std Dev 67.18

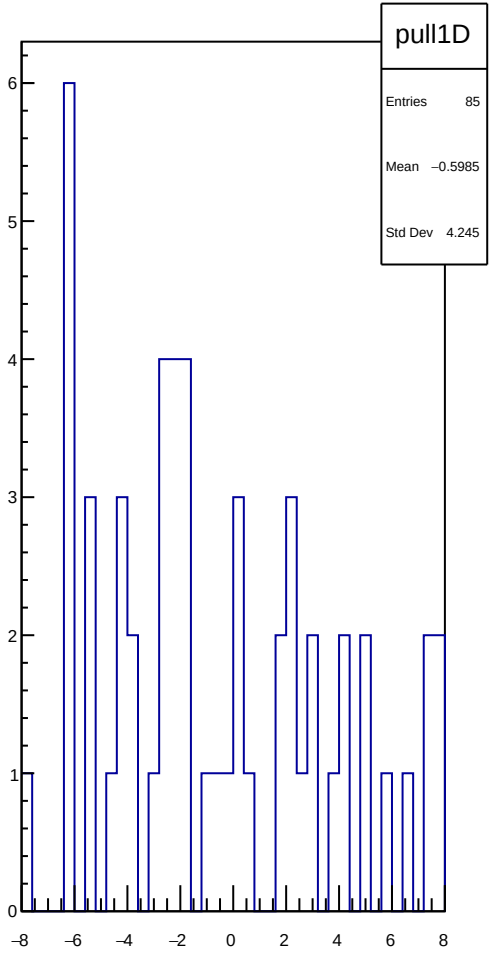

pull1D
Entries 85
Mean 0.7827
Std Dev 4.03

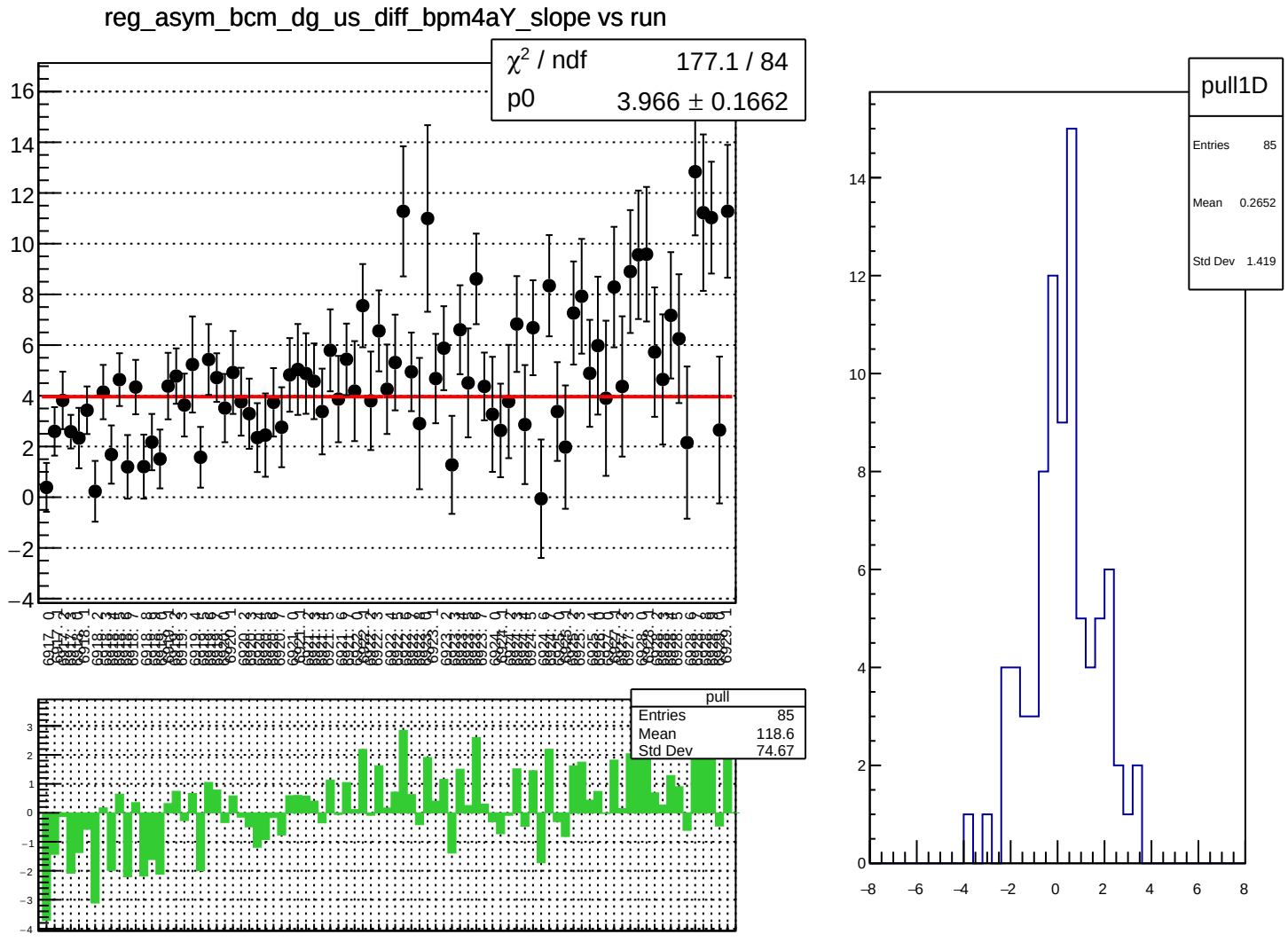

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs run
χ² / ndf 197.2 / 84
p0 −5.045 ± 0.1874
pull
Entries 85
Mean 113.3
Std Dev 68.72
pull1D
Entries 85
Mean −0.2853
Std Dev 1.496

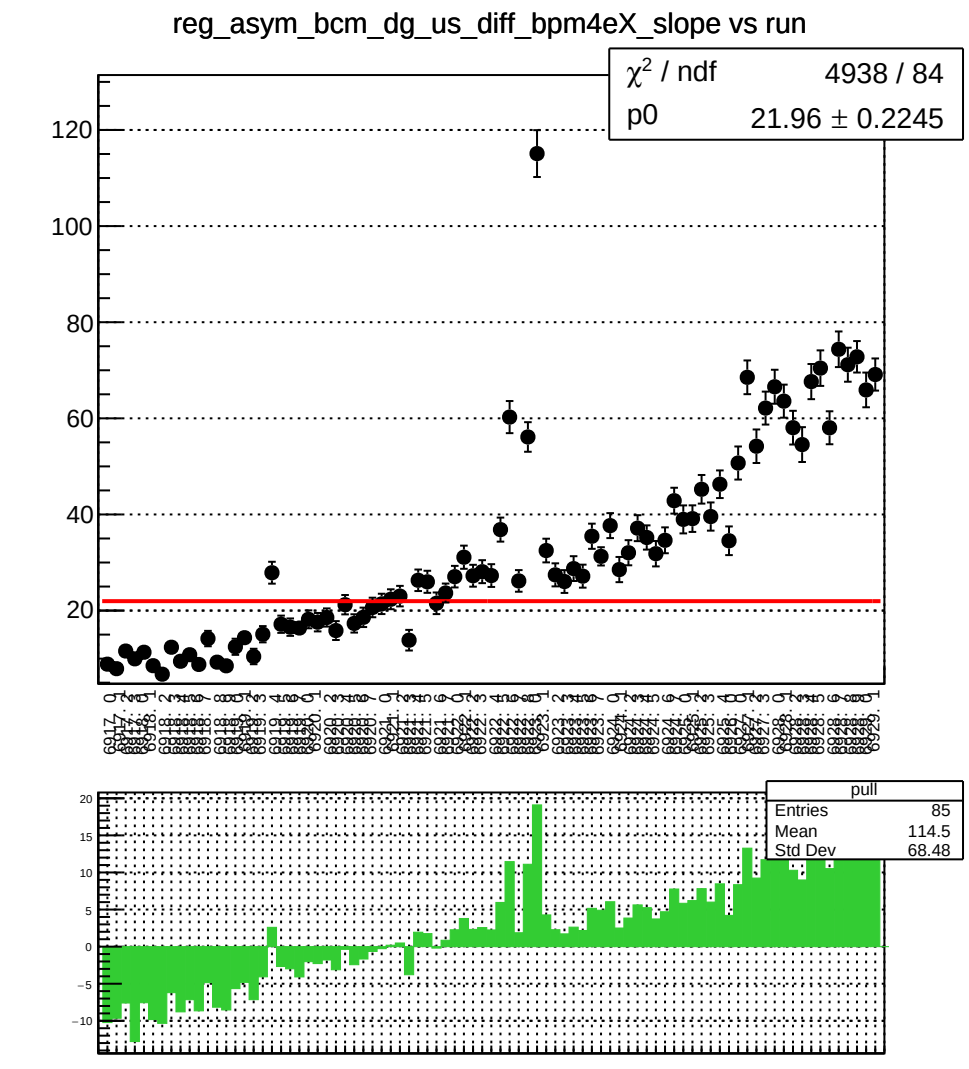

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs run
χ² / ndf 141.7 / 84
p0 0.0003139 ± 0.007855
pull
Entries 85
Mean 104.5
Std Dev 65.63

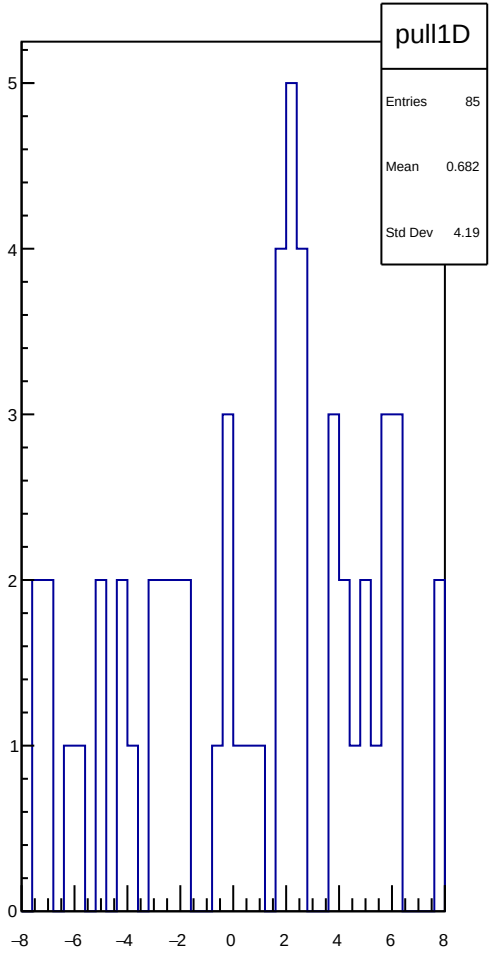

pull1D
Entries 85
Mean 0.1592
Std Dev 1.281

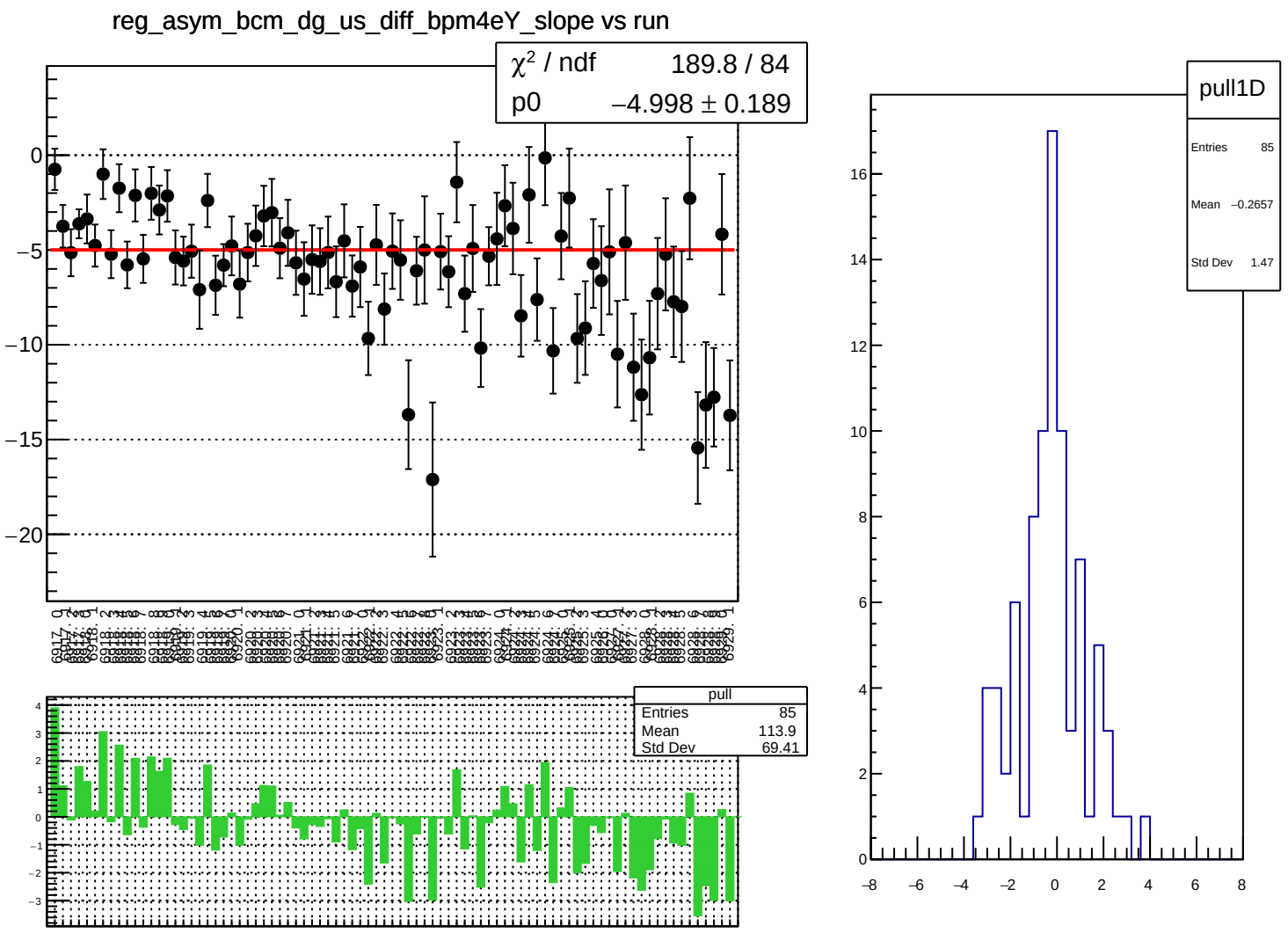

reg_asym_bcm_dg_us_diff_bpm1X_slope vs run
χ² / ndf 5179 / 84
p0 −24.47 ± 0.2418
pull
Entries 85
Mean 114.2
Std Dev 68.25

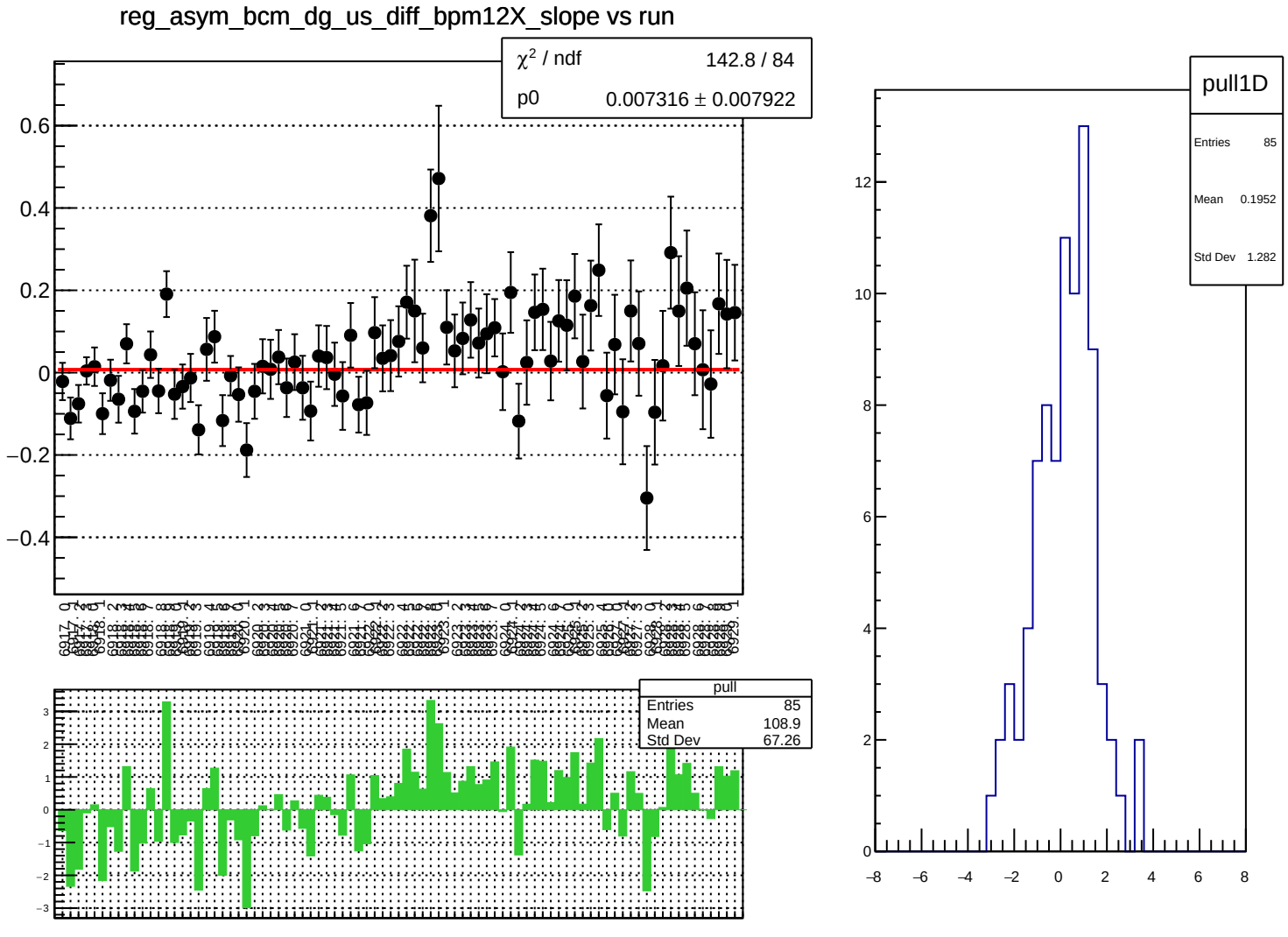

pull1D
Entries 85
Mean −0.5985
Std Dev 4.245


reg_asym_bcm_dg_us_diff_bpm4aY_slope vs run
χ² / ndf 177.1 / 84
p0 3.966 ± 0.1662
pull
Entries 85
Mean 118.6
Std Dev 74.67
pull1D
Entries 85
Mean 0.2652
Std Dev 1.419


reg_asym_bcm_dg_us_diff_bpm4eX_slope vs run
χ² / ndf 4938 / 84
p0 21.96 ± 0.2245
pull
Entries 85
Mean 114.5
Std Dev 68.48


pull1D
Entries 85
Mean 0.682
Std Dev 4.19


reg_asym_bcm_dg_us_diff_bpm4eY_slope vs run
χ² / ndf 189.8 / 84
p0 −4.998 ± 0.189
pull
Entries 85
Mean 113.9
Std Dev 69.41
pull1D
Entries 85
Mean −0.2657
Std Dev 1.47


reg_asym_bcm_dg_us_diff_bpm12X_slope vs run
χ² / ndf 142.8 / 84
p0 0.007316 ± 0.007922
pull
Entries 85
Mean 108.9
Std Dev 67.26
pull1D
Entries 85
Mean 0.1952
Std Dev 1.282