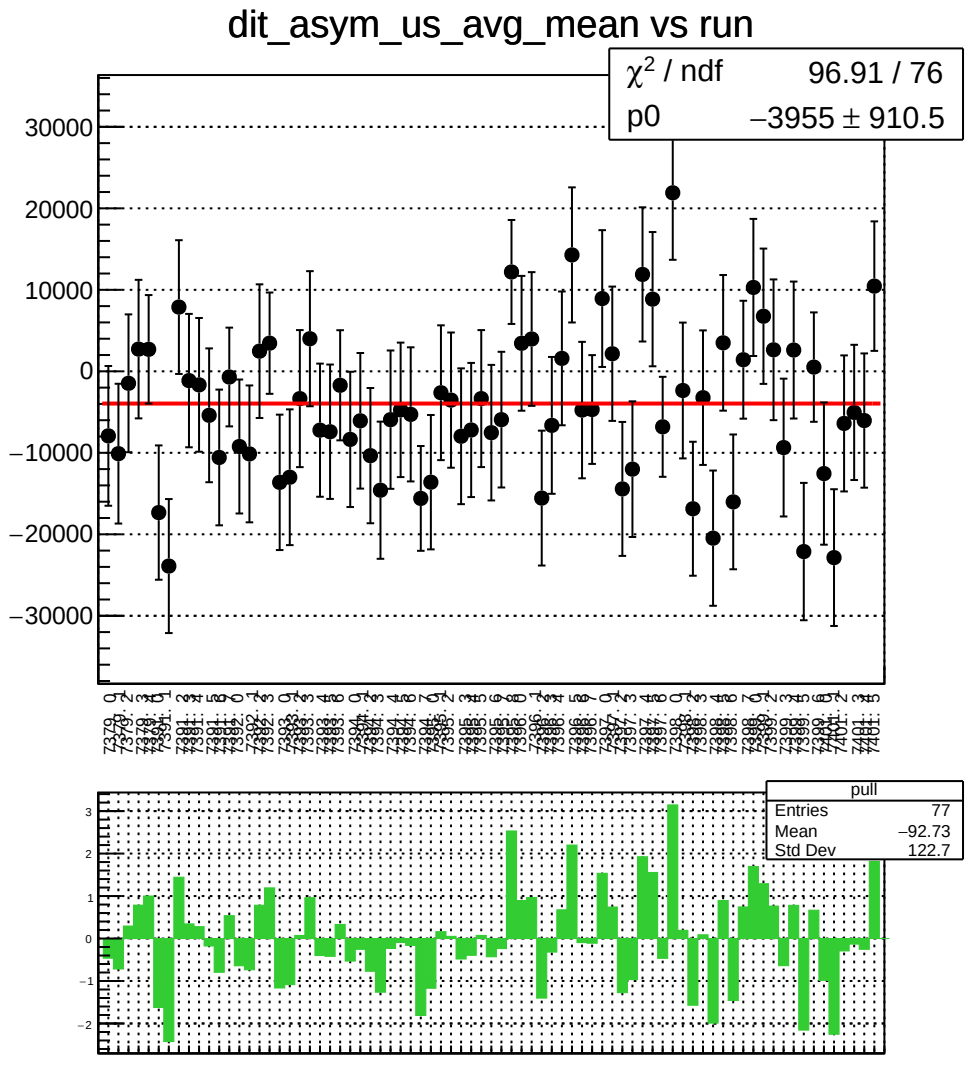
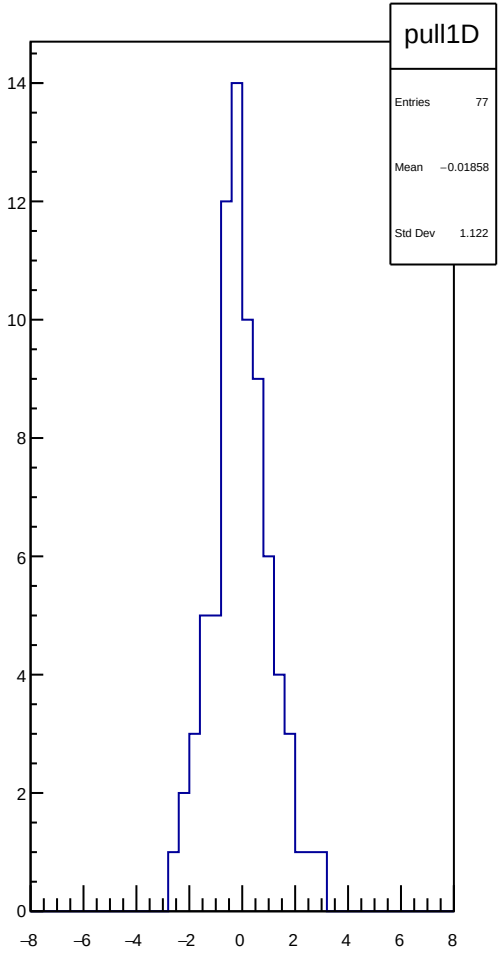
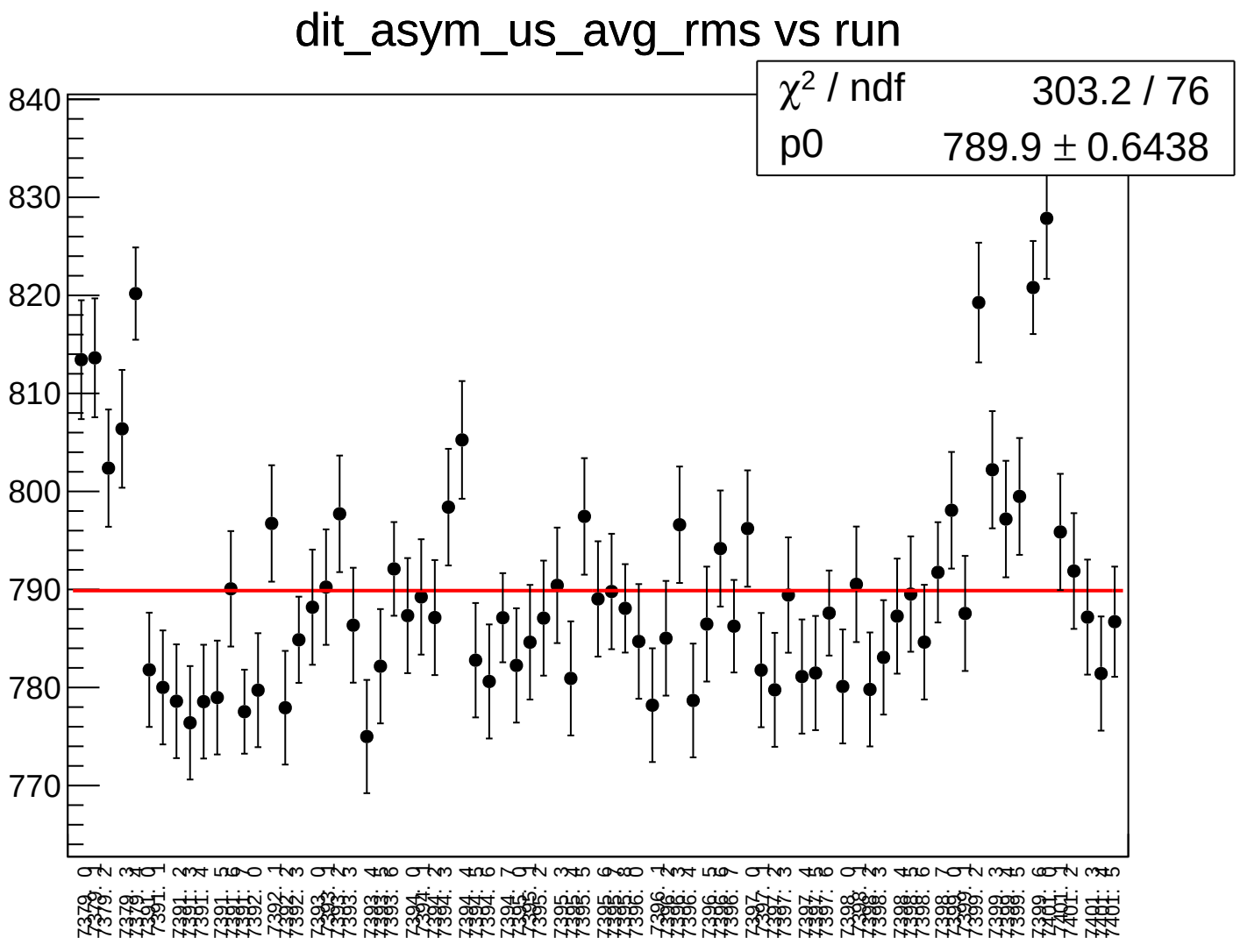
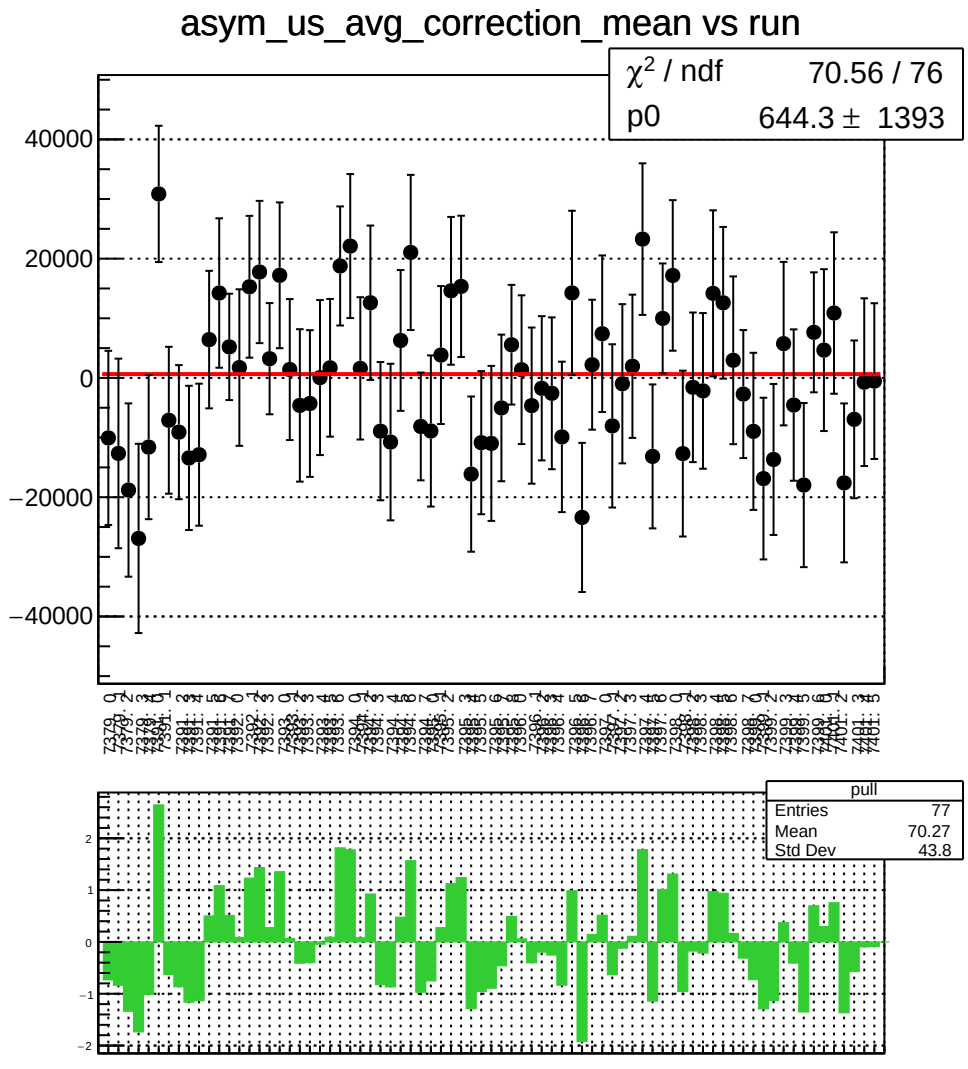
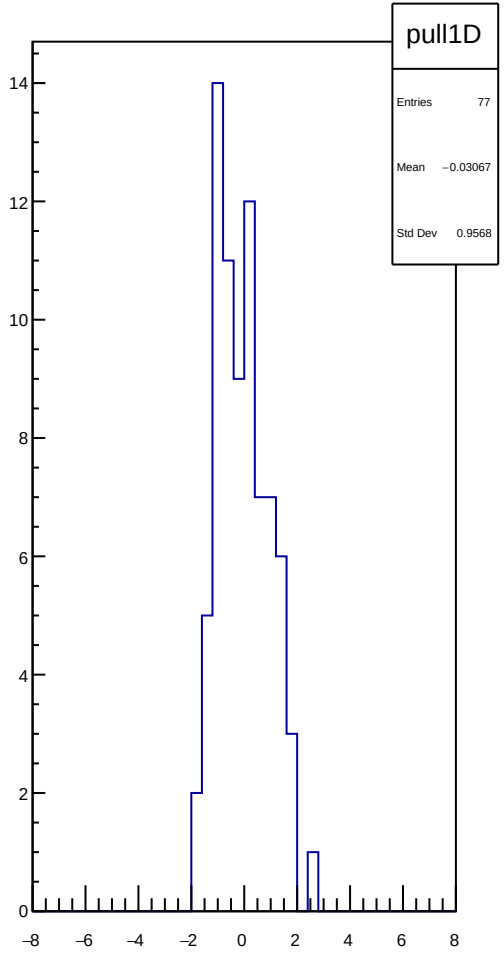
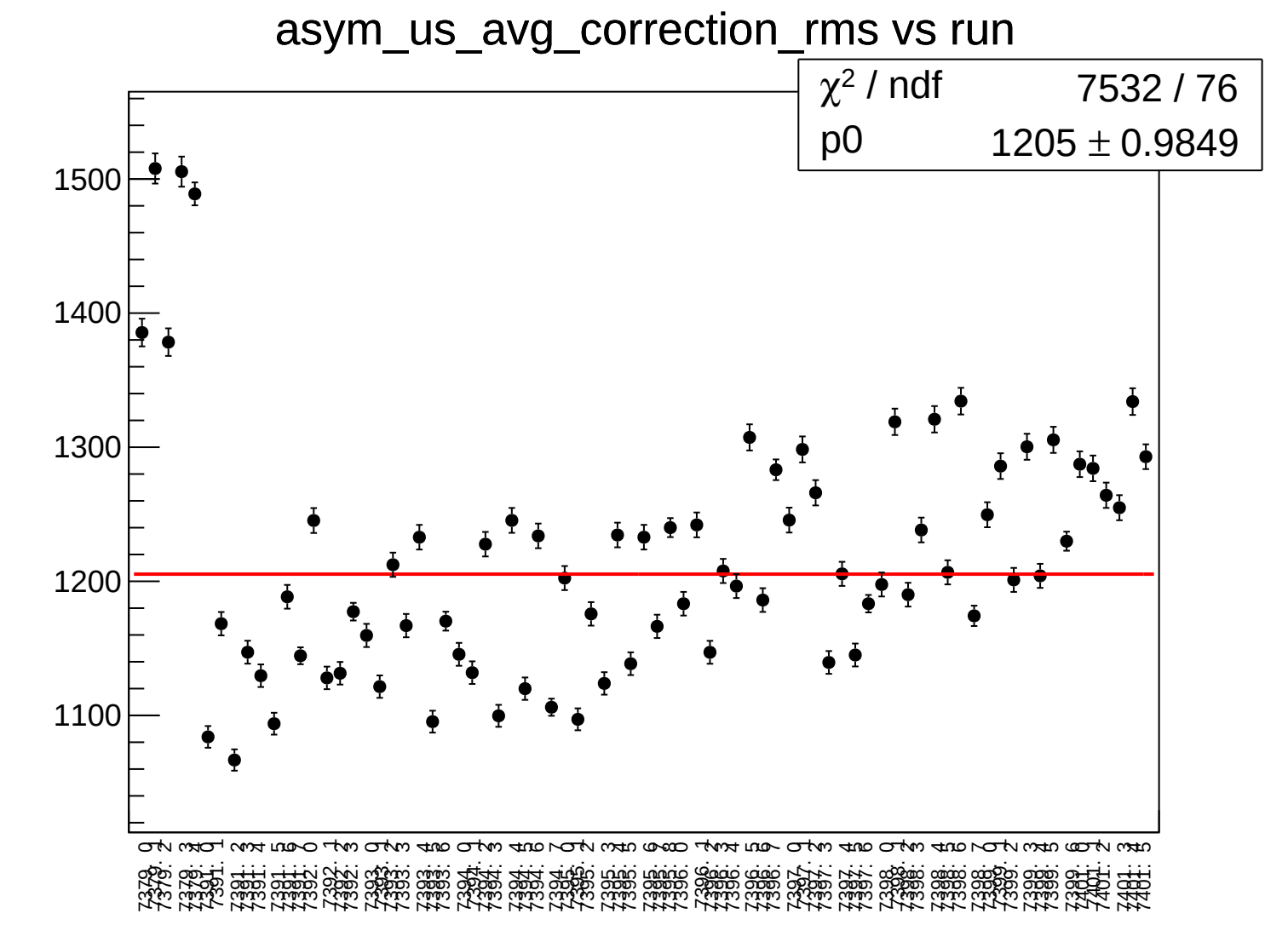

dit_asym_us_avg_mean vs run
χ^2 / ndf 96.91 / 76
p0 −3955 ± 910.5
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 77
Mean −92.73
Std Dev 122.7
3
2
1
0
−1
−2

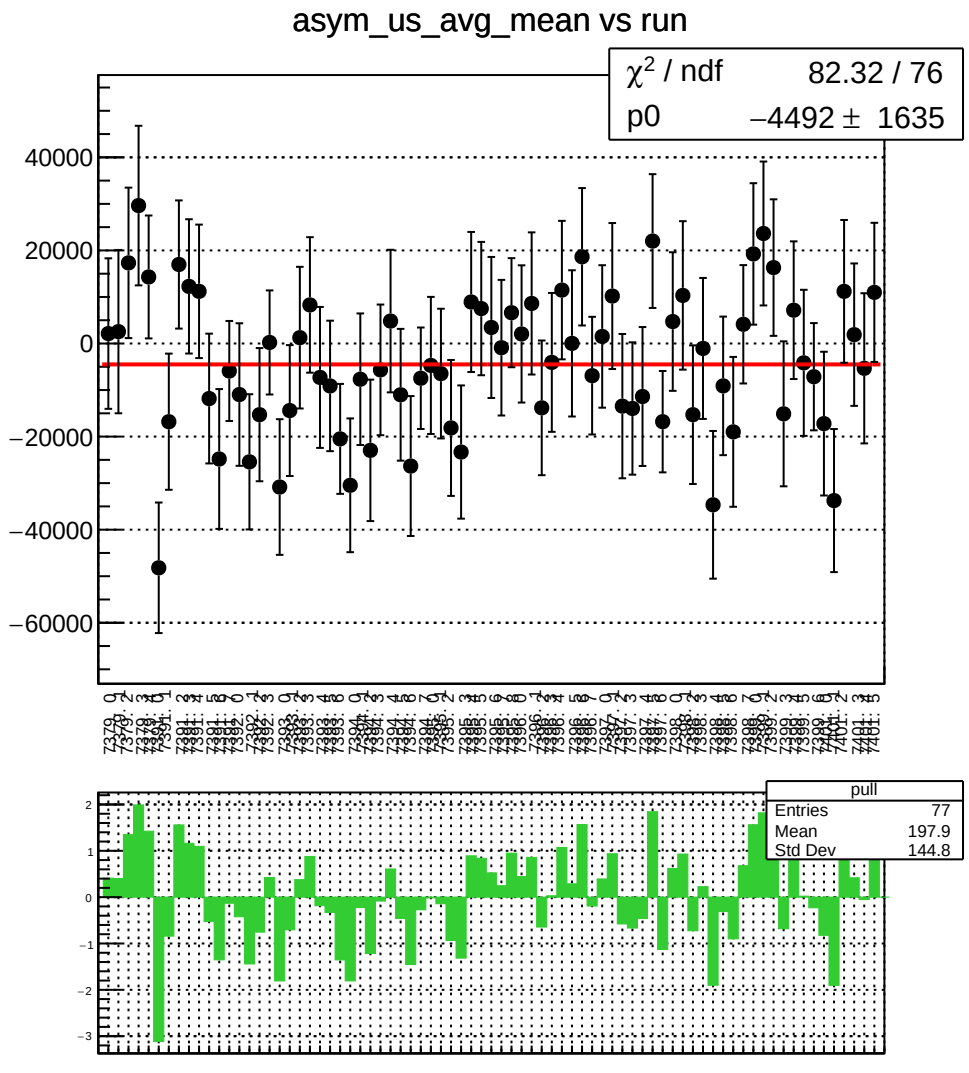

pull1D
Entries 77
Mean −0.01858
Std Dev 1.122
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

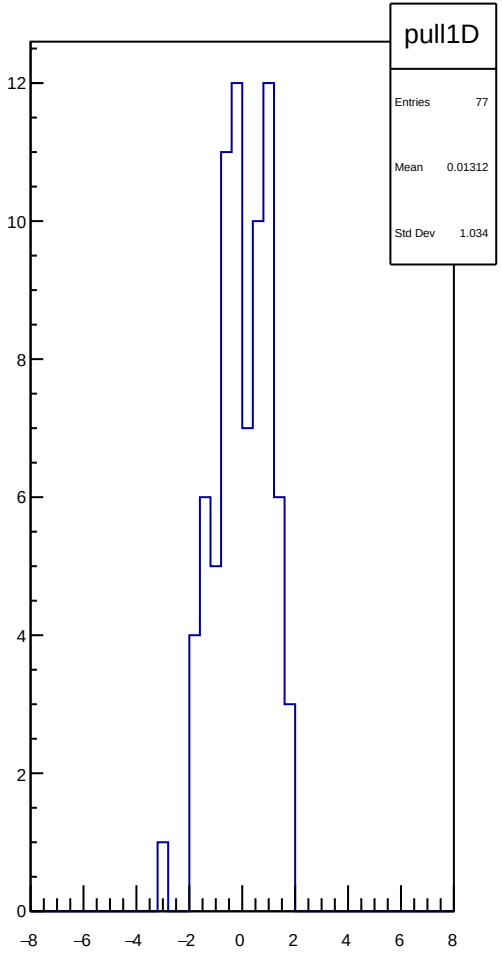

dit_asym_us_avg_rms vs run
χ² / ndf 303.2 / 76
p0 789.9 ± 0.6438
840
830
820
810
800
790
780
770

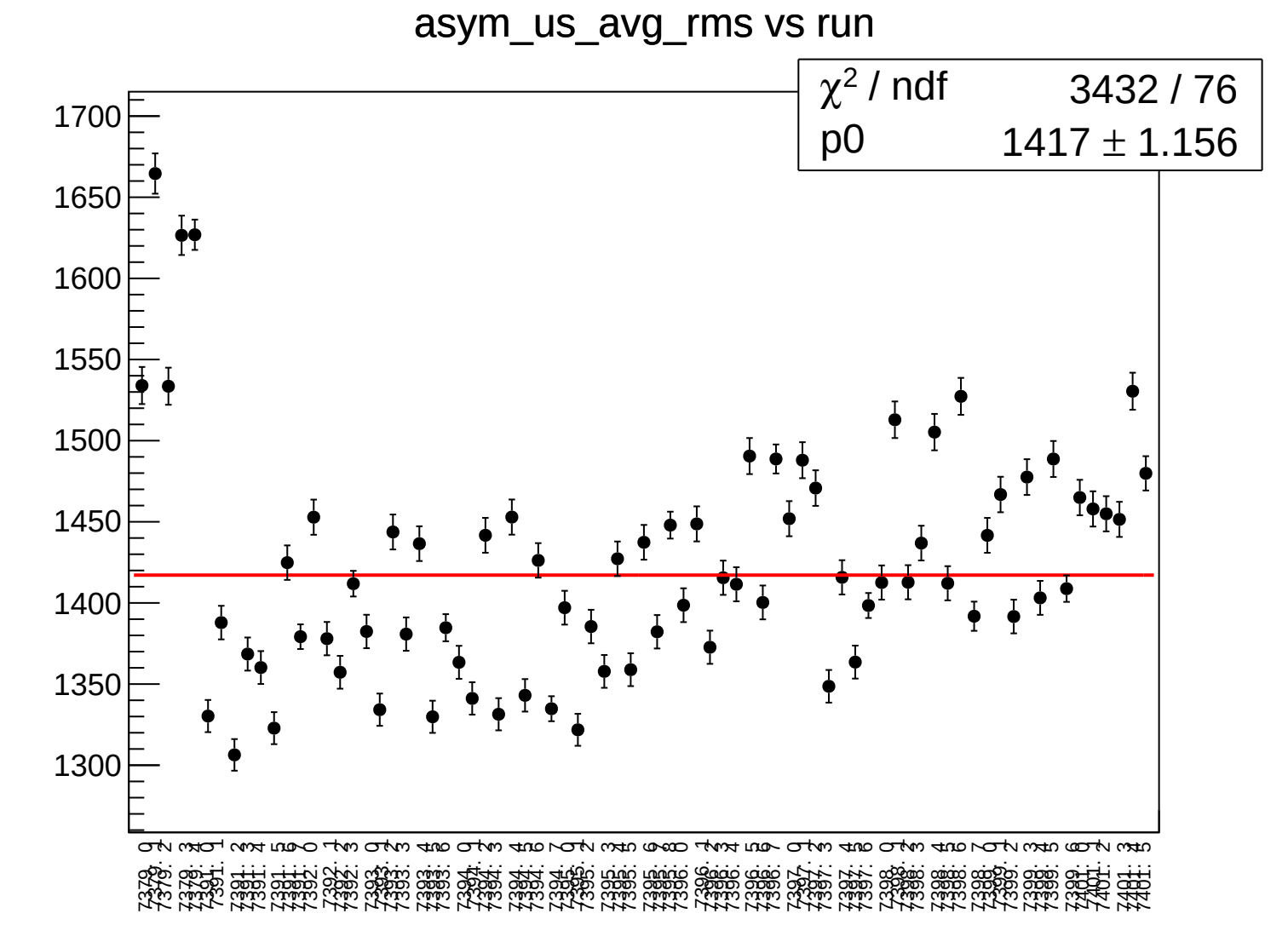

asym_us_avg_correction_mean vs run
χ² / ndf 70.56 / 76
p0 644.3 ± 1393
40000
20000
0
−20000
−40000
pull
Entries 77
Mean 70.27
Std Dev 43.8
2
1
0
−1
−2

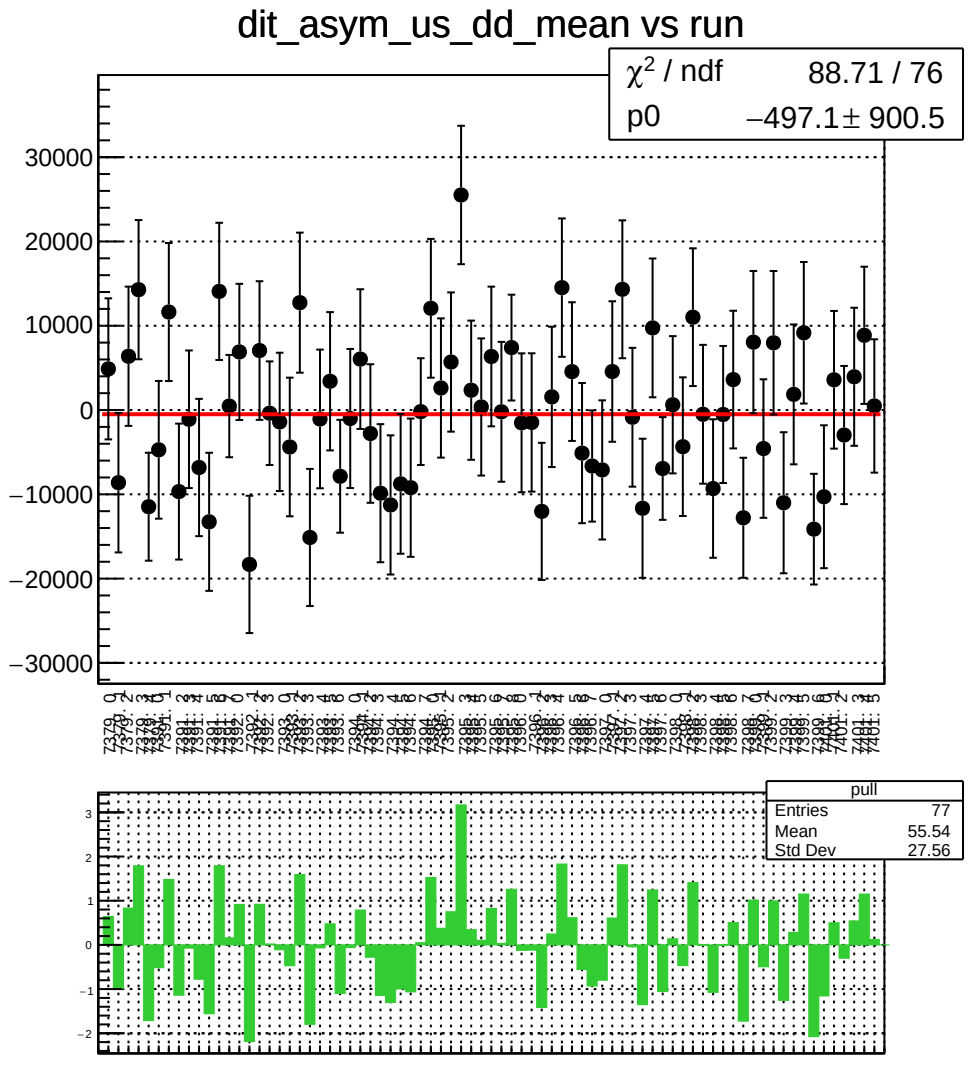

pull1D
Entries 77
Mean −0.03067
Std Dev 0.9568
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

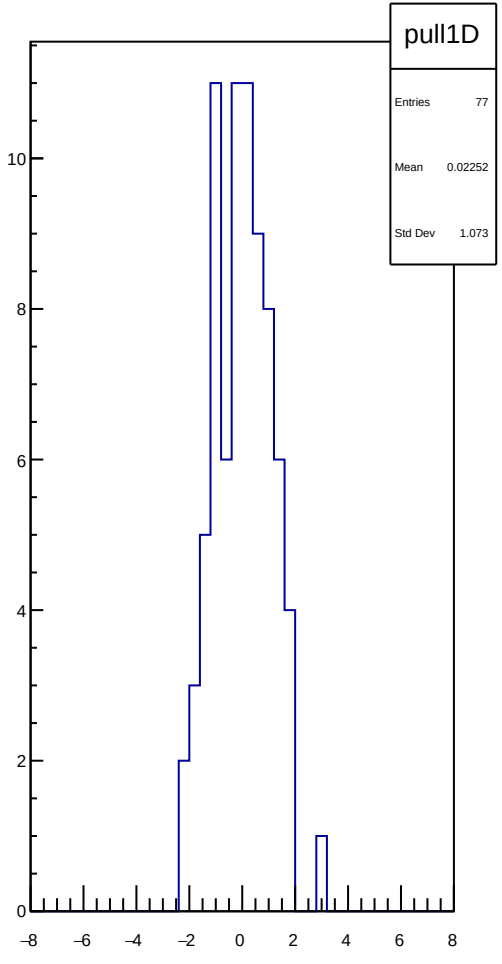

asym_us_avg_correction_rms vs run
χ² / ndf 7532 / 76
p0 1205 ± 0.9849
1500
1400
1300
1200
1100

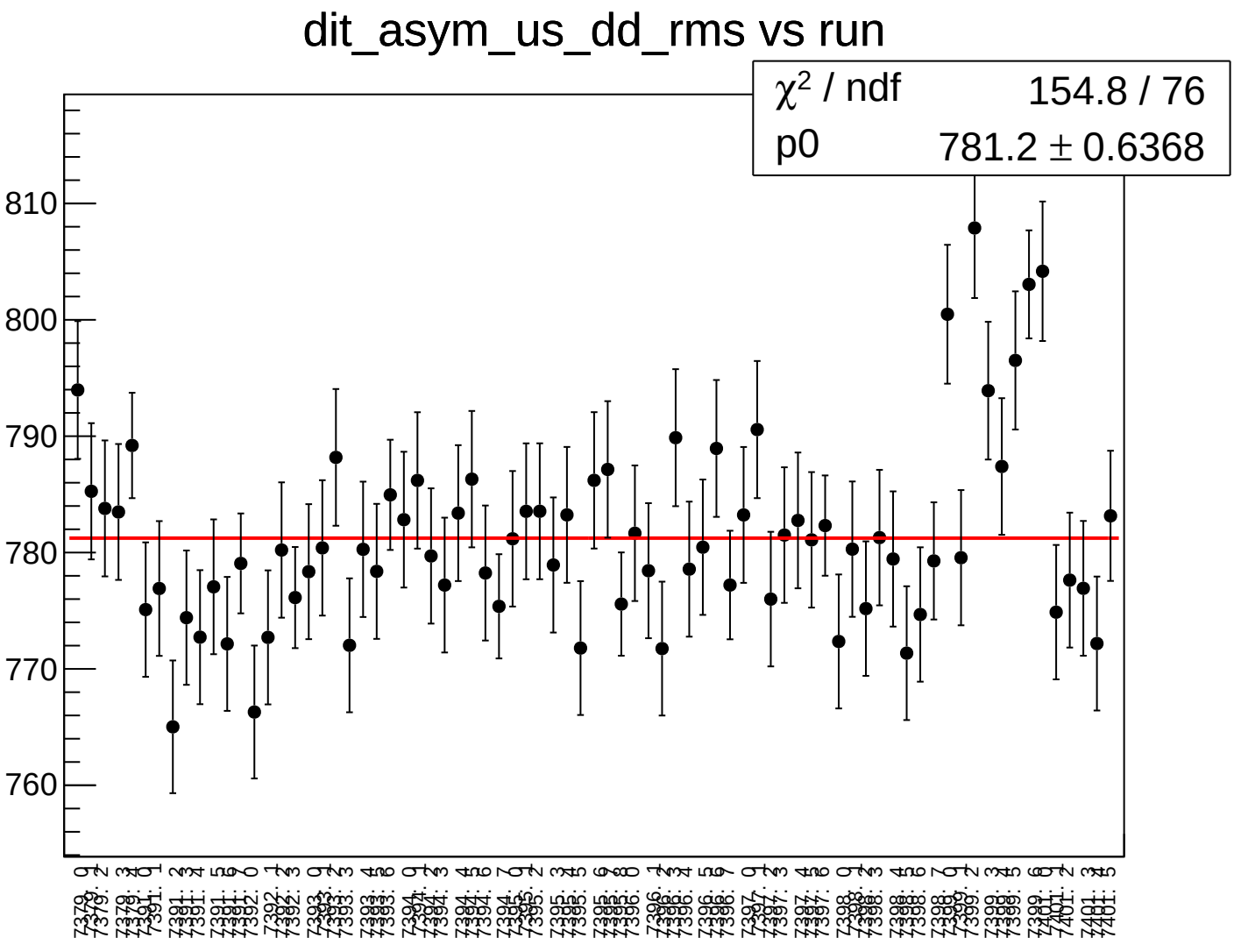

asym_us_avg_mean vs run
χ² / ndf 82.32 / 76
p0 −4492 ± 1635
40000
20000
0
−20000
−40000
−60000
pull
Entries 77
Mean 197.9
Std Dev 144.8
2
1
0
−1
−2
−3

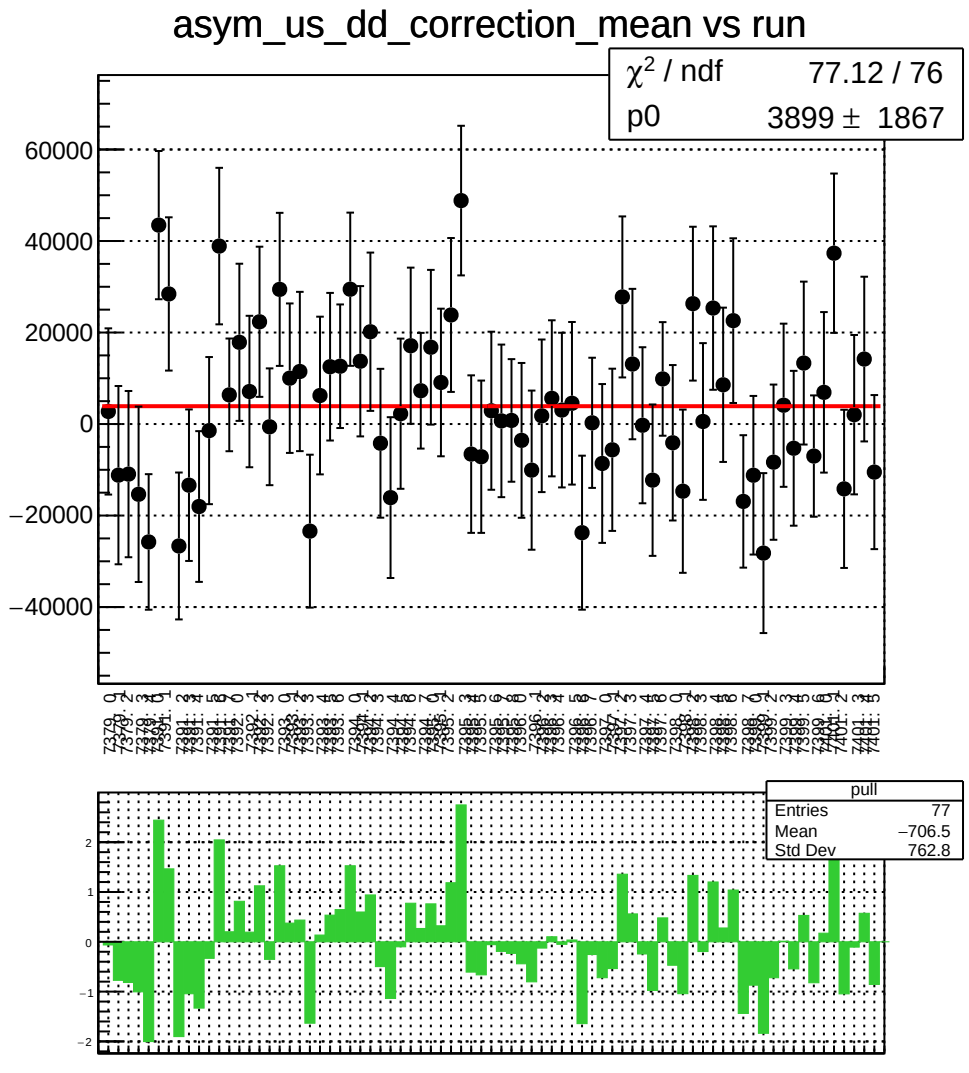

pull1D
Entries 77
Mean 0.01312
Std Dev 1.034
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

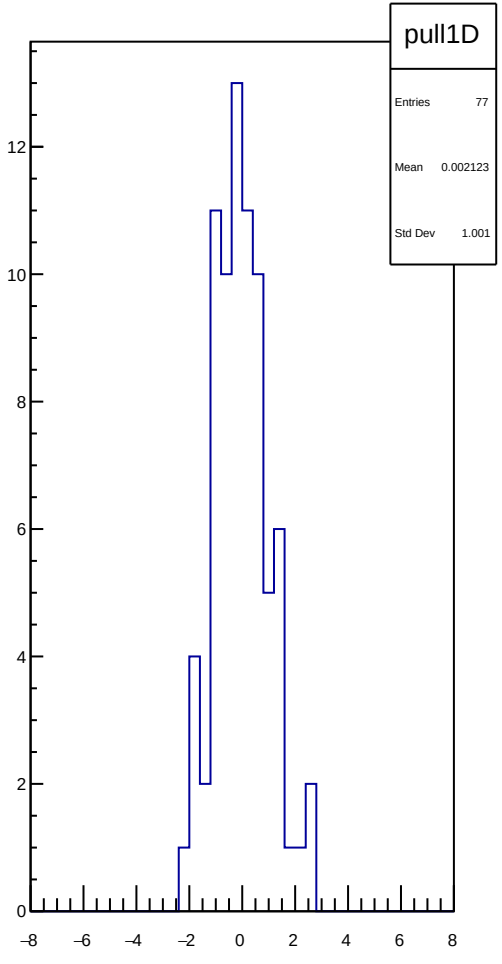

asym_us_avg_rms vs run
χ² / ndf 3432 / 76
p0 1417 ± 1.156
1700
1650
1600
1550
1500
1450
1400
1350
1300

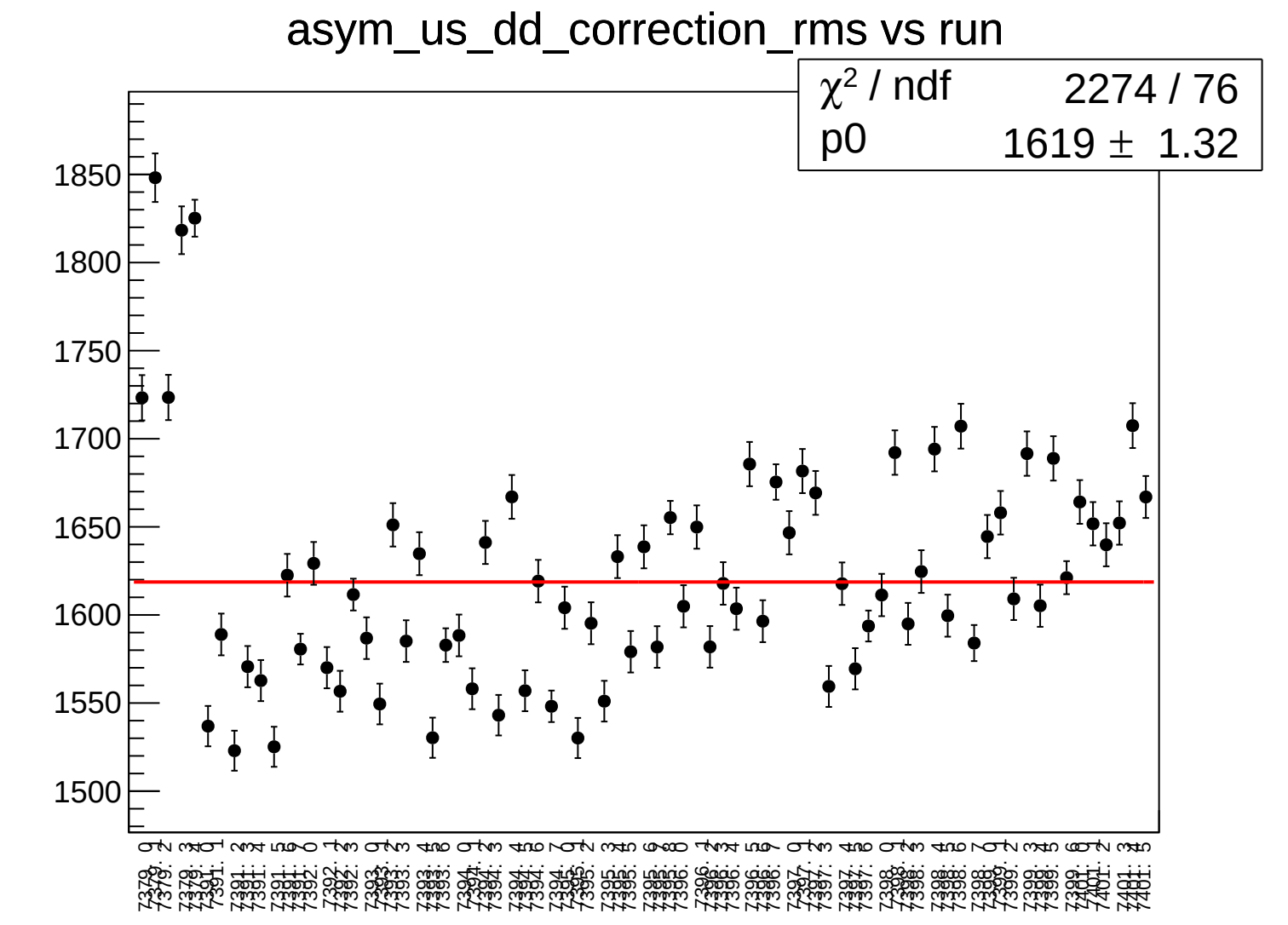

dit_asym_us_dd_mean vs run
χ² / ndf 88.71 / 76
p0 −497.1± 900.5
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 77
Mean 55.54
Std Dev 27.56
3
2
1
0
−1
−2

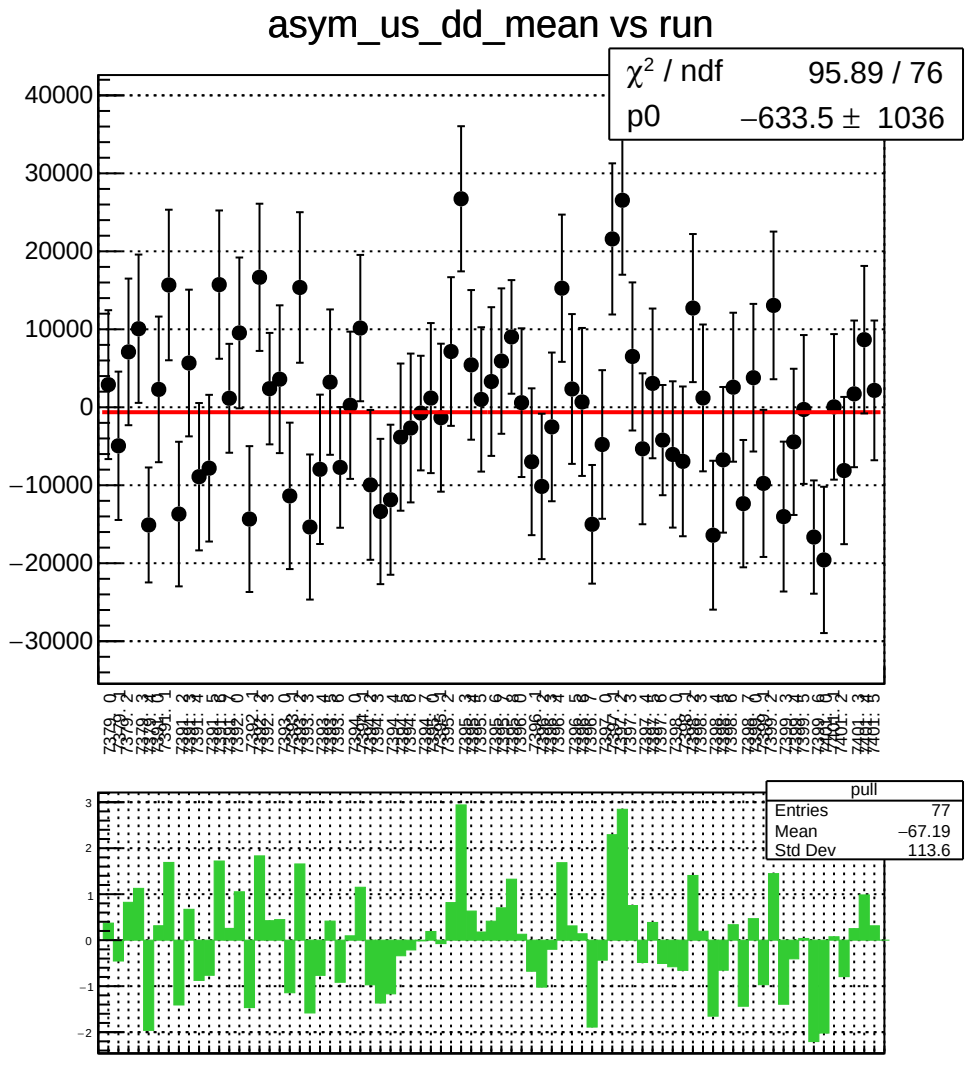

pull1D
Entries 77
Mean 0.02252
Std Dev 1.073
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

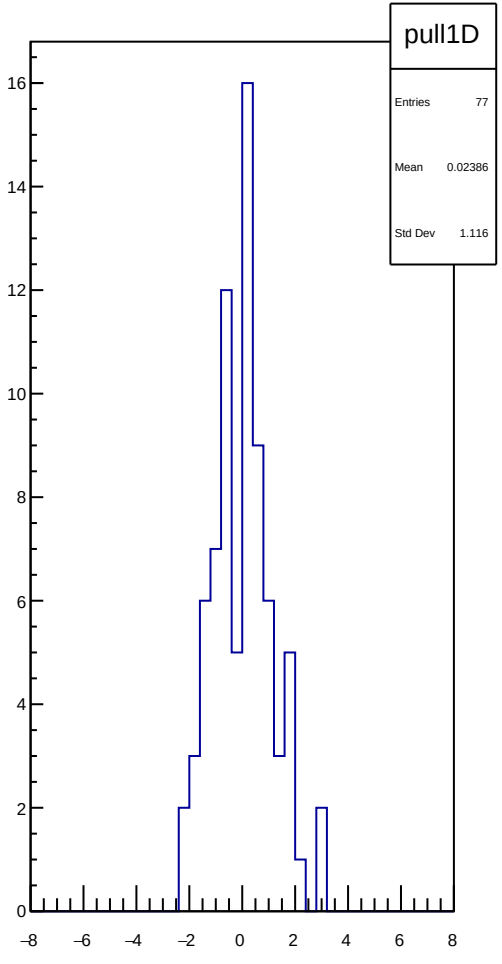

dit_asym_us_dd_rms vs run
χ^2 / ndf 154.8 / 76
p0 781.2 ± 0.6368
810
800
790
780
770
760

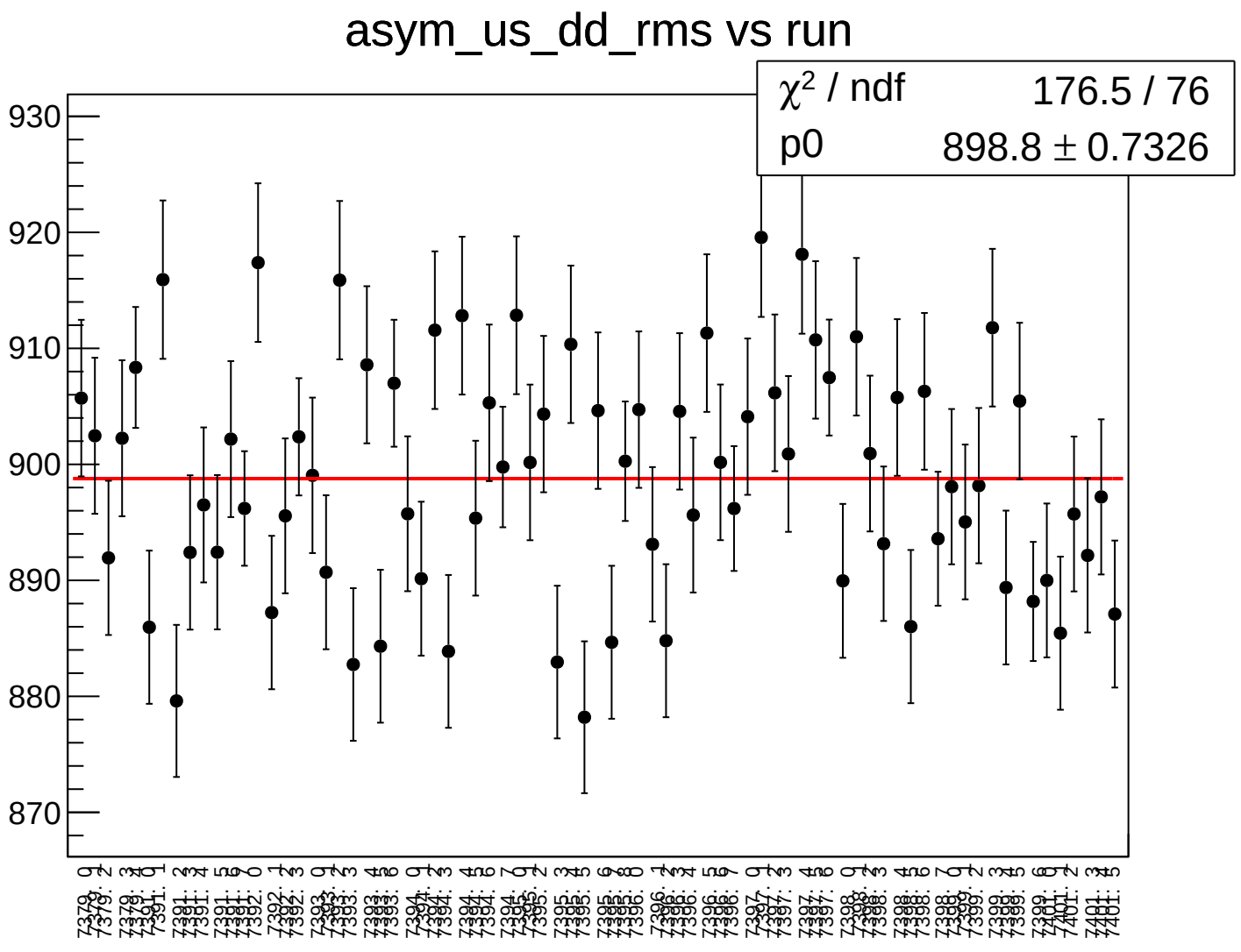

asym_us_dd_correction_mean vs run
χ² / ndf 77.12 / 76
p0 3899 ± 1867
60000
40000
20000
0
−20000
−40000
pull
Entries 77
Mean −706.5
Std Dev 762.8
2
1
0
−1
−2

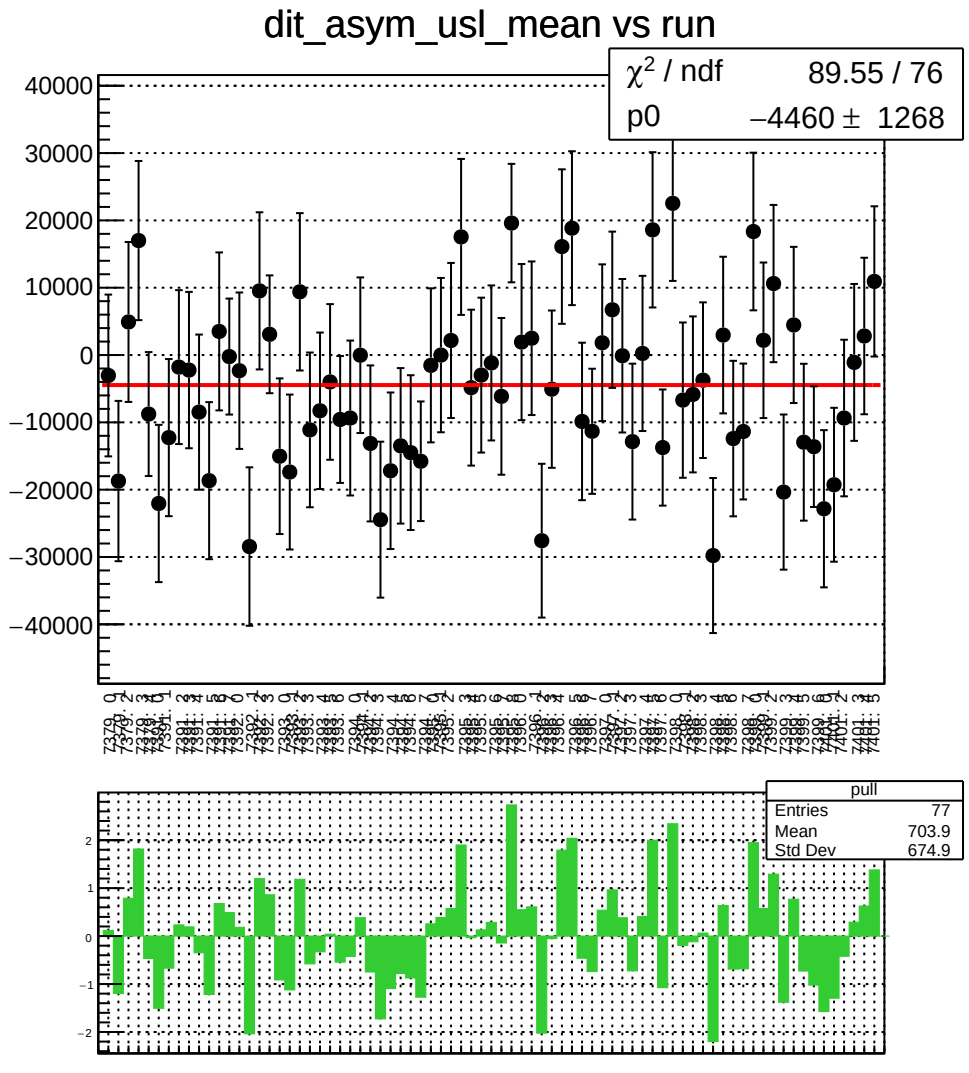

pull1D
Entries 77
Mean 0.002123
Std Dev 1.001
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

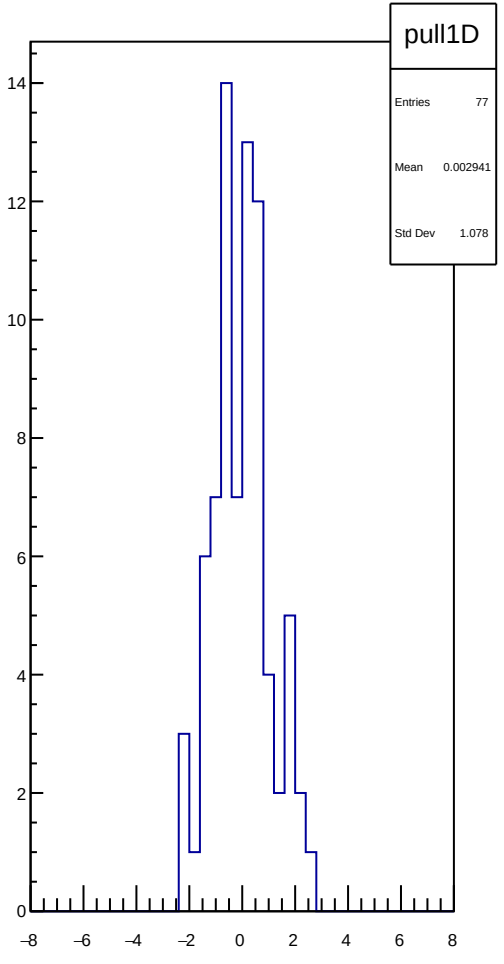

asym_us_dd_correction_rms vs run
χ² / ndf 2274 / 76
p0 1619 ± 1.32
1850
1800
1750
1700
1650
1600
1550
1500

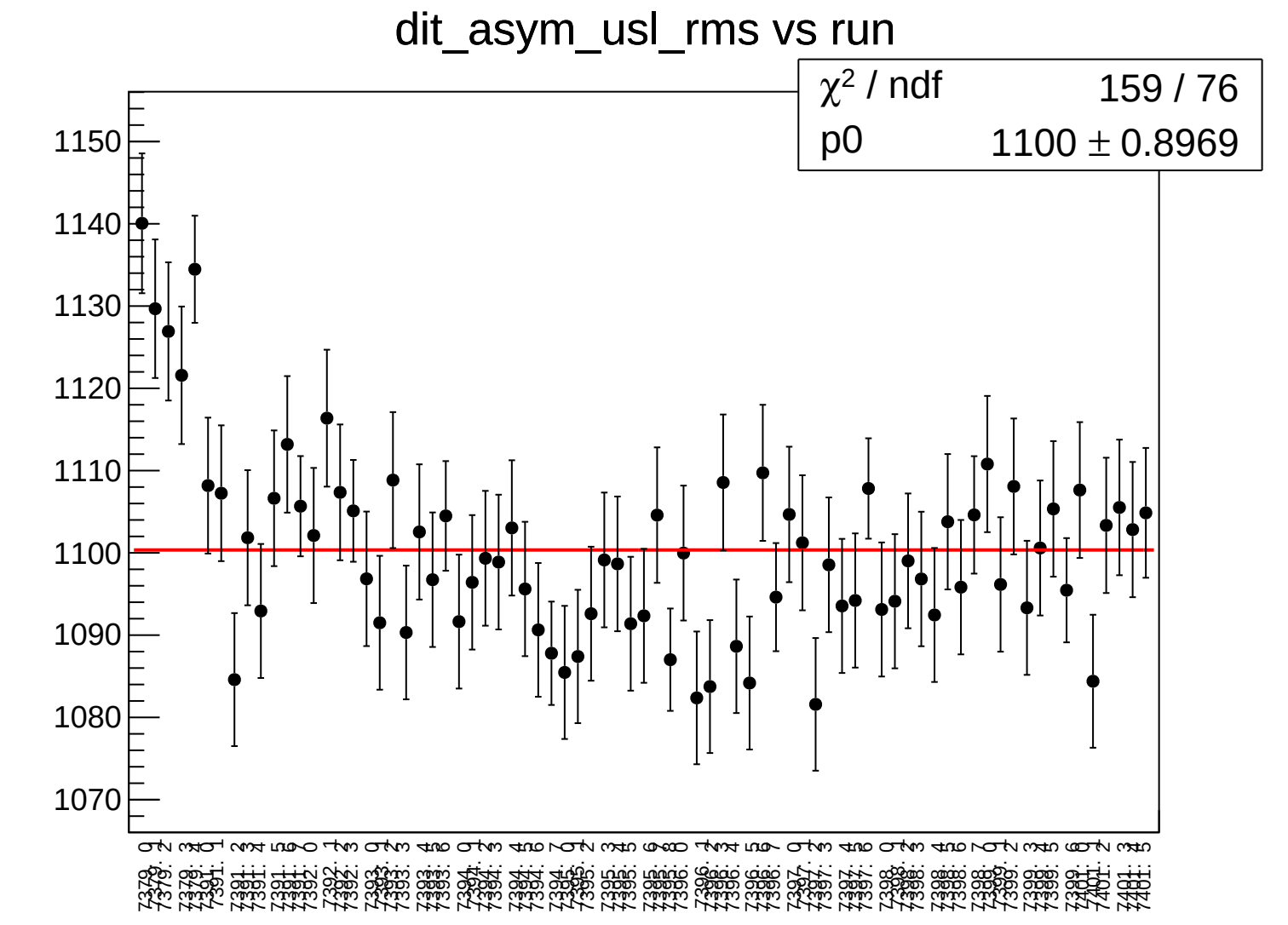

asym_us_dd_mean vs run
χ² / ndf 95.89 / 76
p0 −633.5 ± 1036
pull
Entries 77
Mean −67.19
Std Dev 113.6

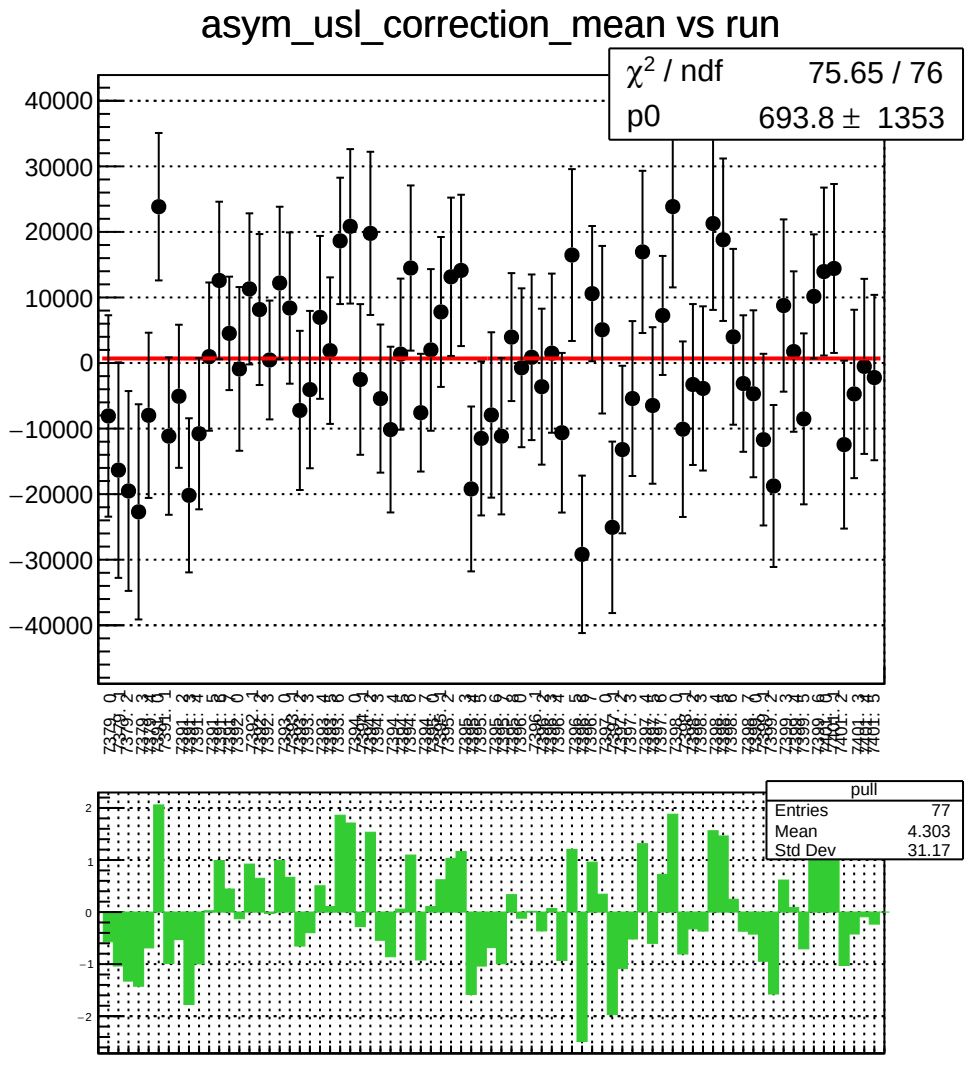

pull1D
Entries 77
Mean 0.02386
Std Dev 1.116

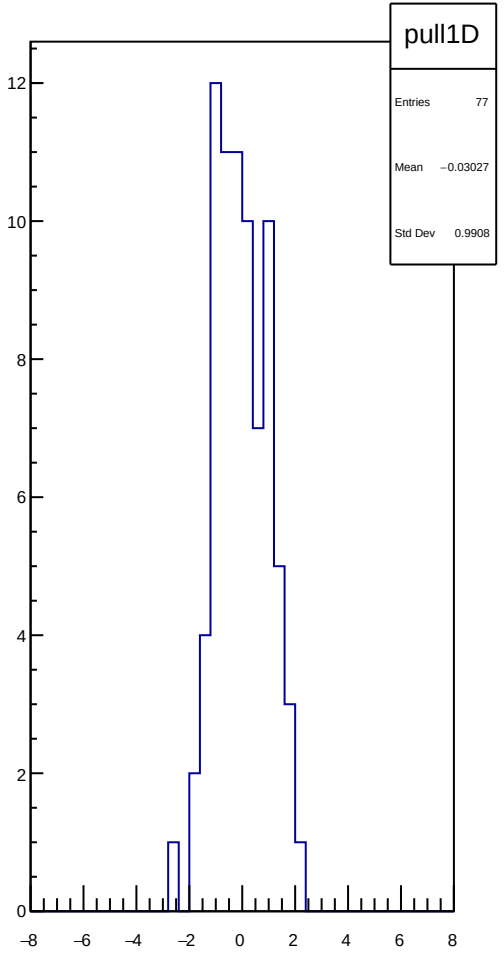

asym_us_dd_rms vs run
χ^2 / ndf 176.5 / 76
p0 898.8 ± 0.7326
930
920
910
900
890
880
870

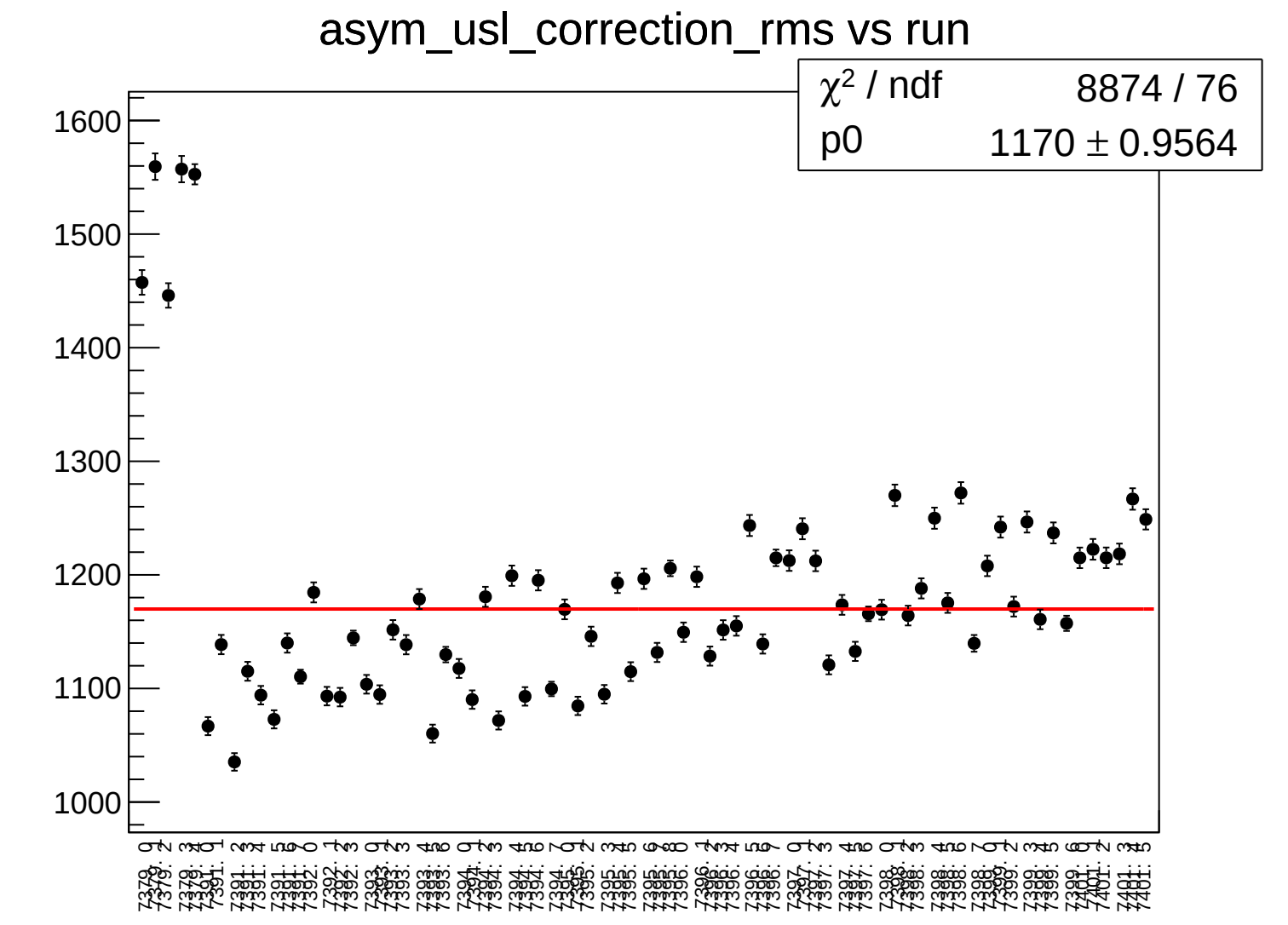

dit_asym_usl_mean vs run
χ² / ndf 89.55 / 76
p0 −4460 ± 1268
pull
Entries 77
Mean 703.9
Std Dev 674.9

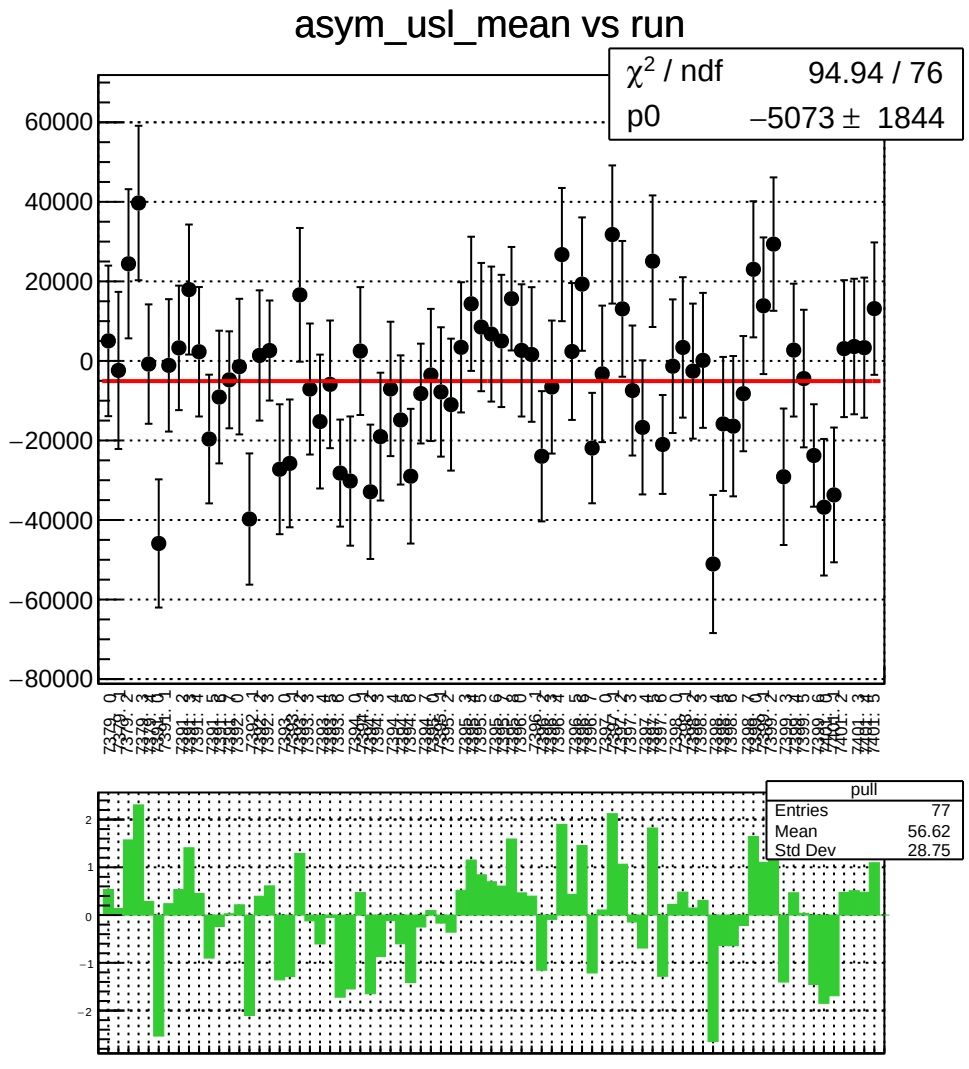

pull1D
Entries 77
Mean 0.002941
Std Dev 1.078

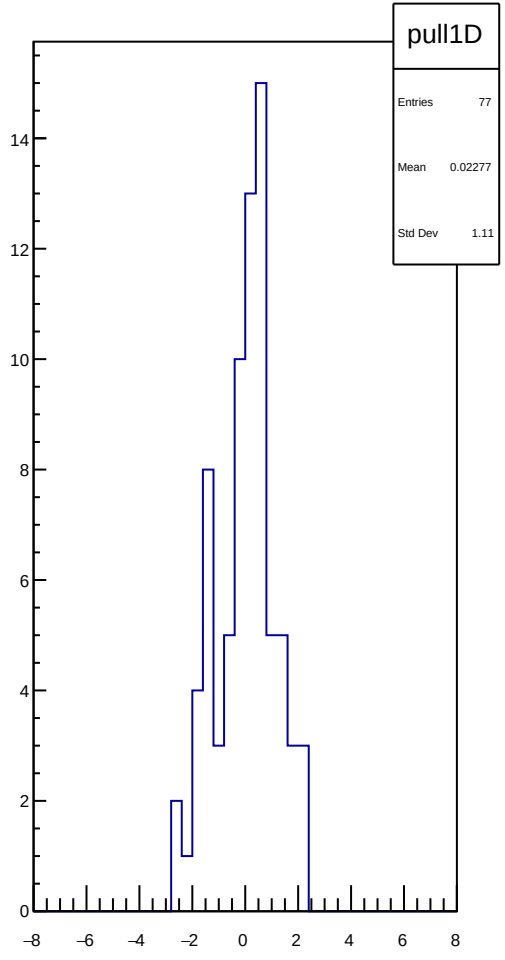

dit_asym_usl_rms vs run
χ^2 / ndf 159 / 76
p0 1100 ± 0.8969
1150
1140
1130
1120
1110
1100
1090
1080
1070

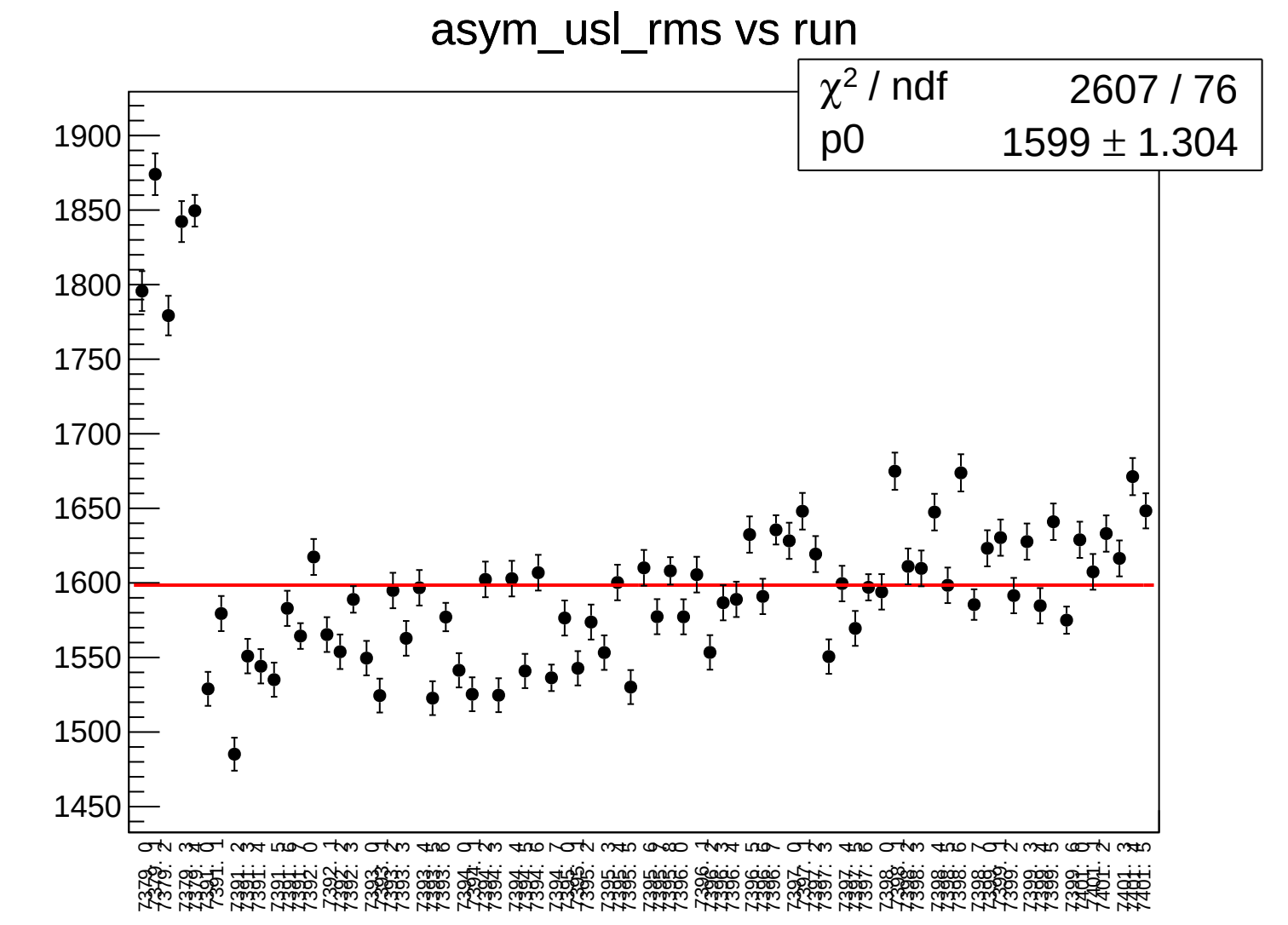

asym_usl_correction_mean vs run
χ² / ndf 75.65 / 76
p0 693.8 ± 1353
pull
Entries 77
Mean 4.303
Std Dev 31.17

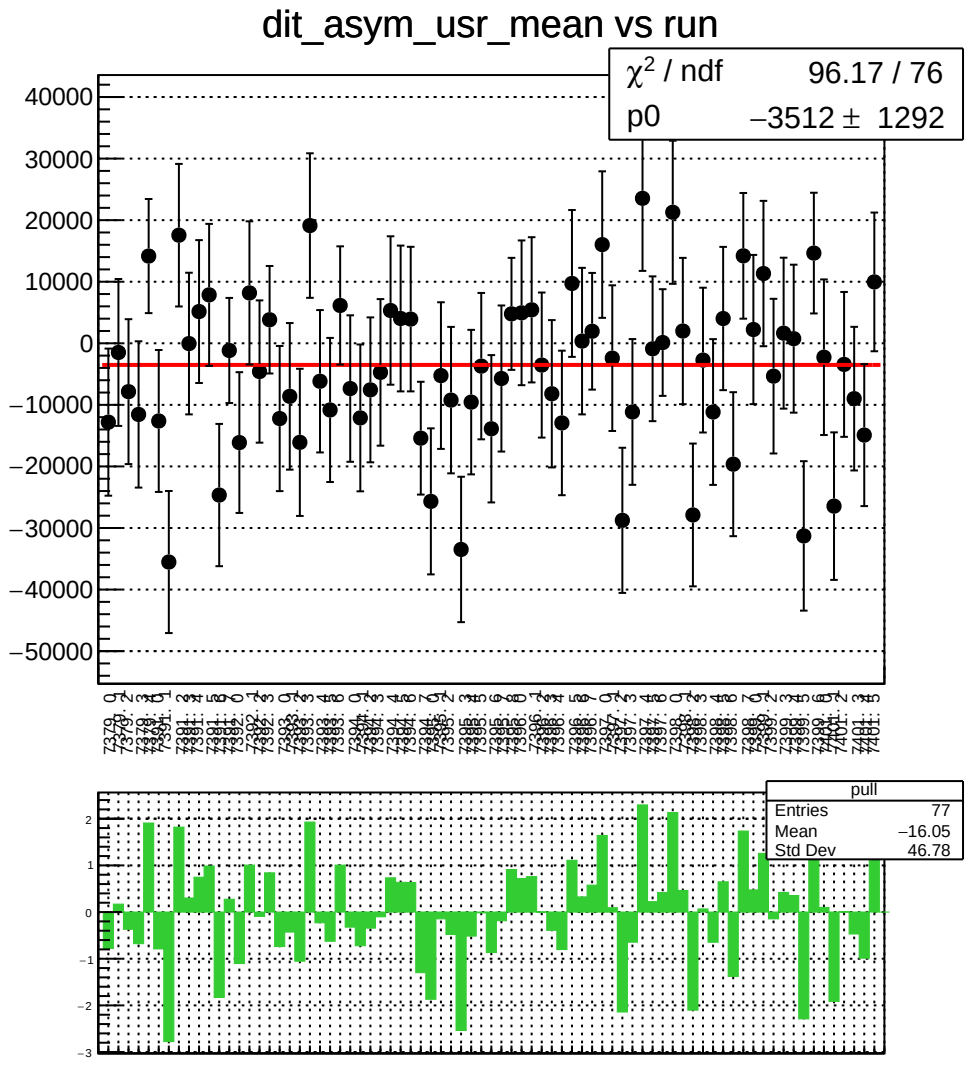

pull1D
Entries 77
Mean −0.03027
Std Dev 0.9908

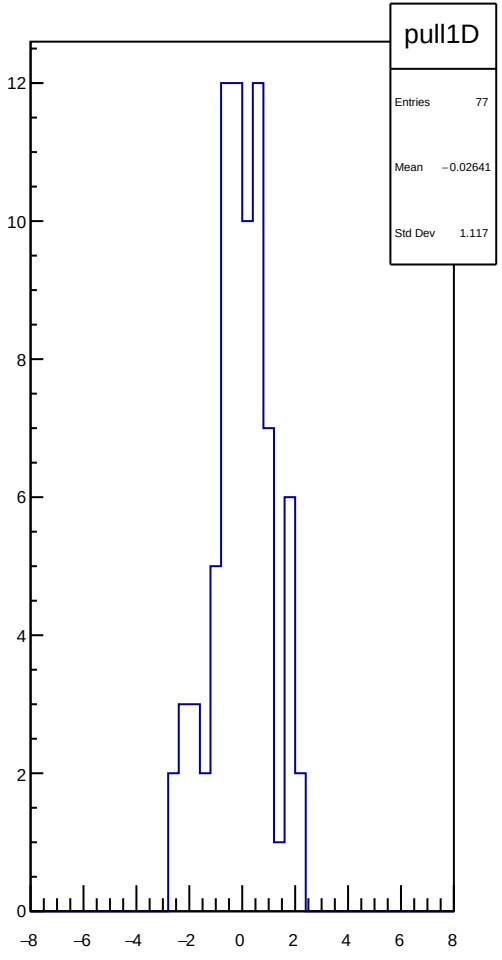

asym_usl_correction_rms vs run
χ² / ndf 8874 / 76
p0 1170 ± 0.9564
1600
1500
1400
1300
1200
1100
1000

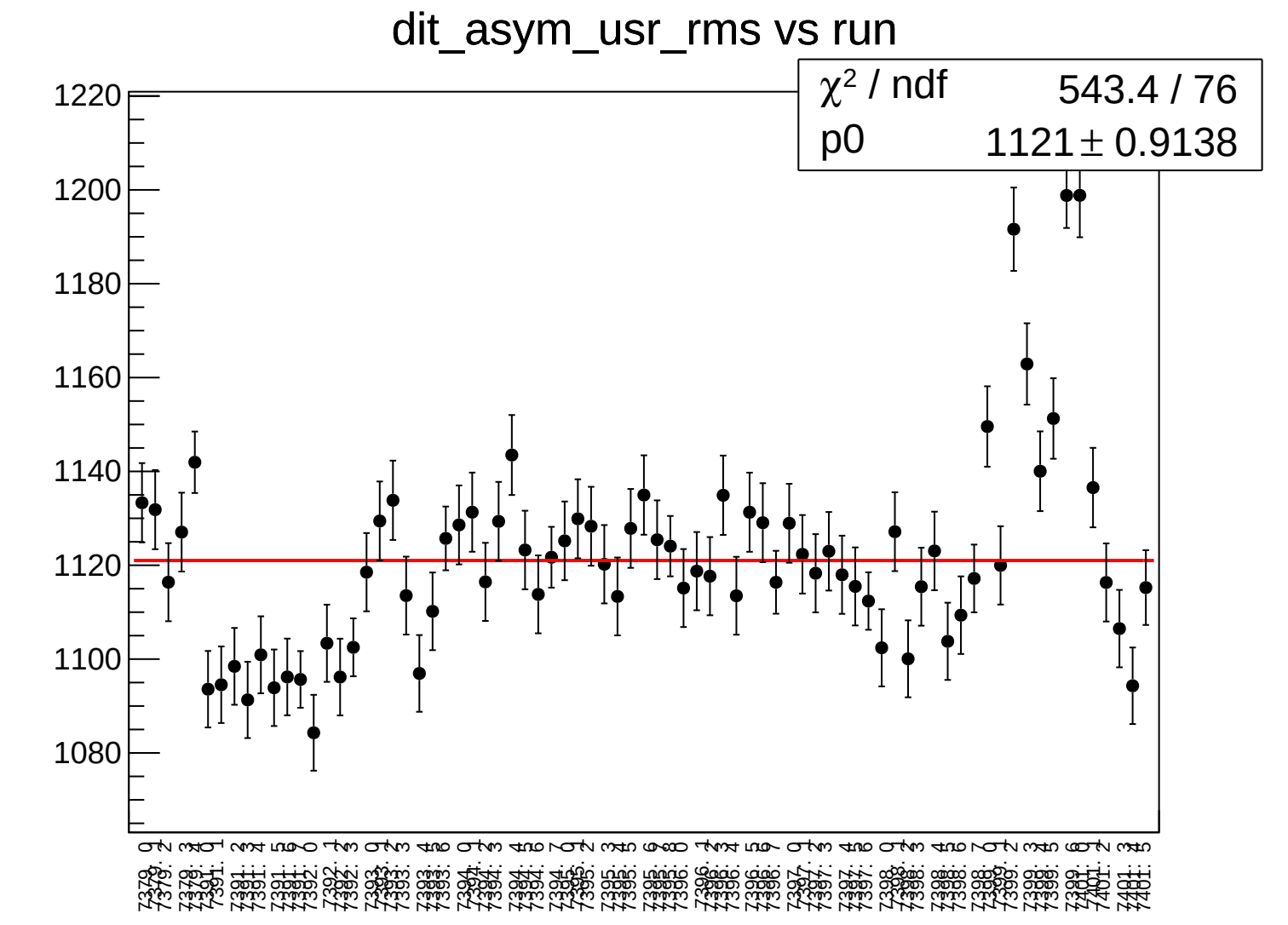

asym_usl_mean vs run
χ² / ndf 94.94 / 76
p0 −5073 ± 1844
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 77
Mean 56.62
Std Dev 28.75
2
1
0
−1
−2

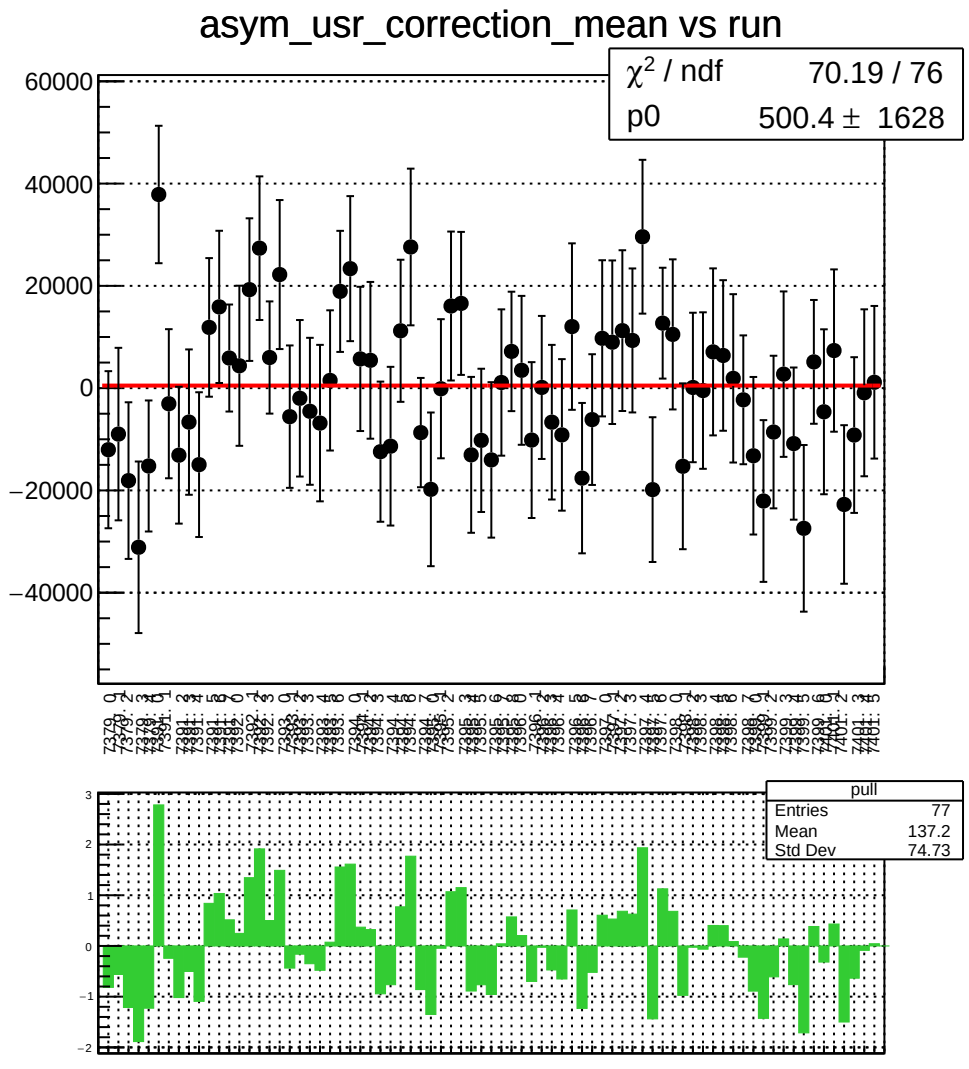

pull1D
Entries 77
Mean 0.02277
Std Dev 1.11
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

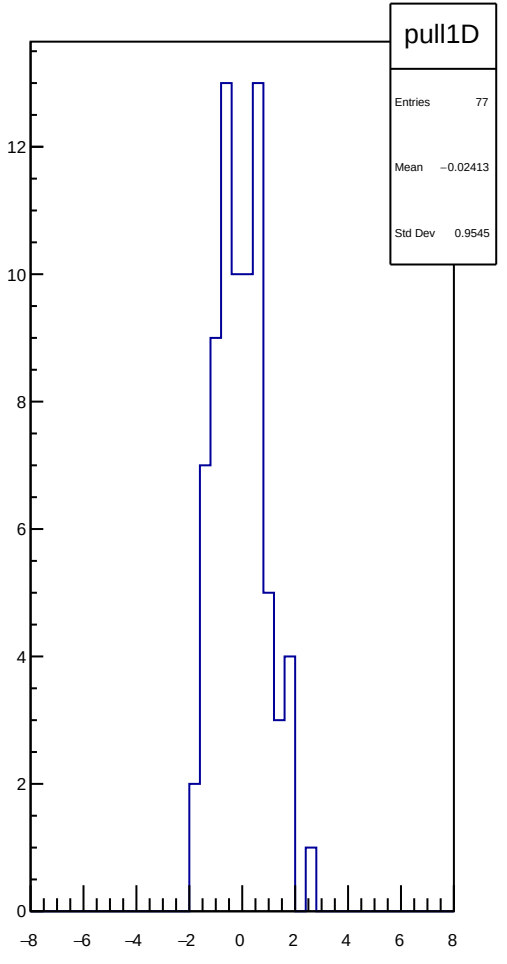

asym_usl_rms vs run
χ^2 / ndf 2607 / 76
p0 1599 ± 1.304
1900
1850
1800
1750
1700
1650
1600
1550
1500
1450

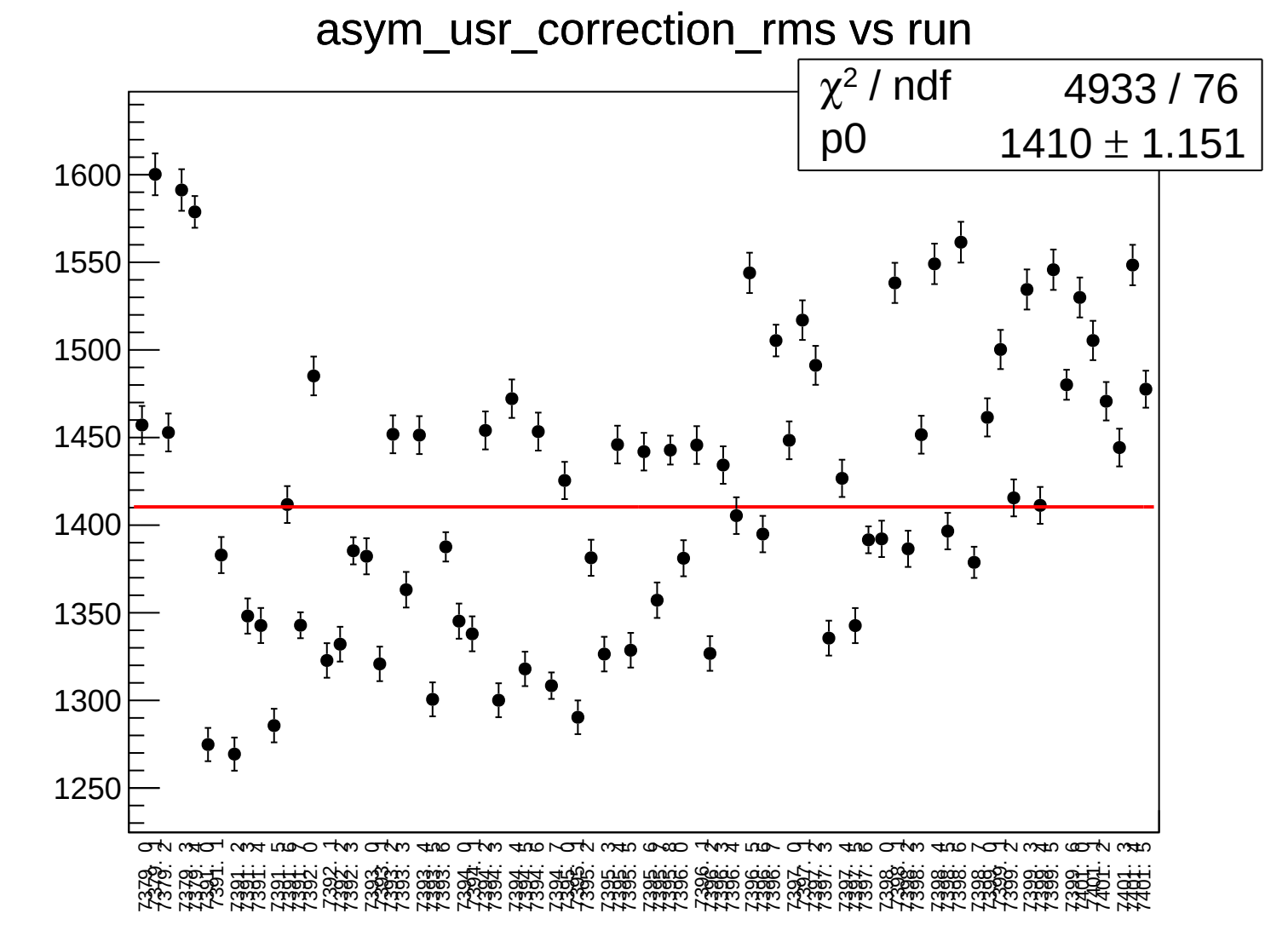

dit_asym_usr_mean vs run
χ² / ndf 96.17 / 76
p0 −3512 ± 1292
pull
Entries 77
Mean −16.05
Std Dev 46.78

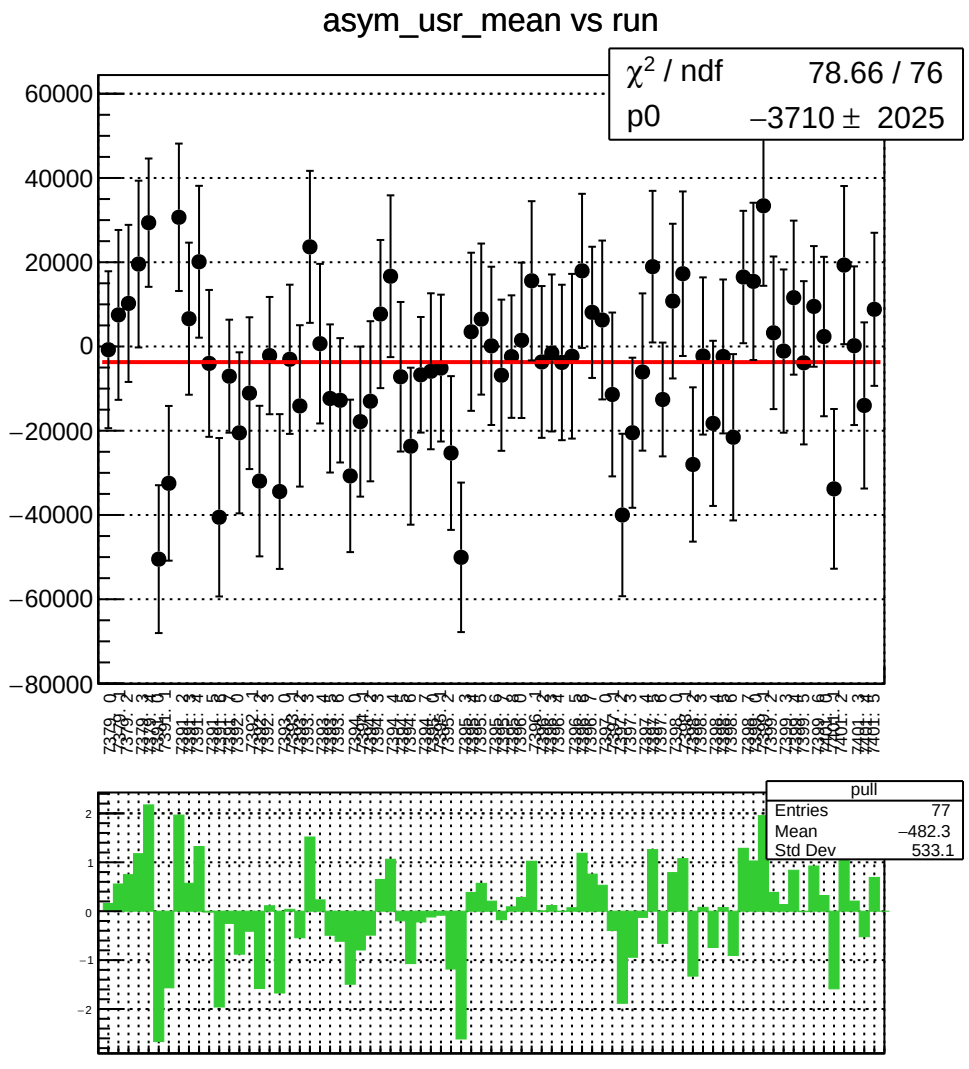

pull1D
Entries 77
Mean −0.02641
Std Dev 1.117

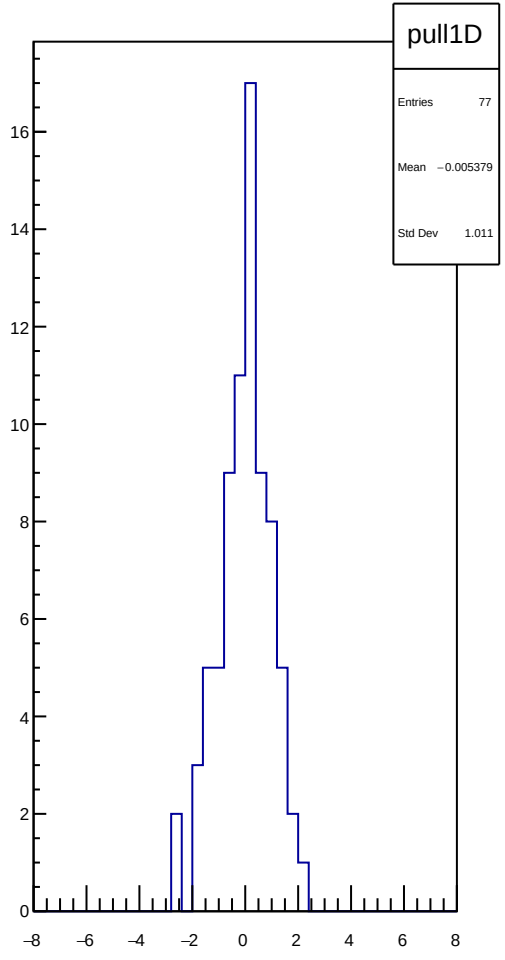

dit_asym_usr_rms vs run
χ² / ndf 543.4 / 76
p0 1121 ± 0.9138
1220
1200
1180
1160
1140
1120
1100
1080

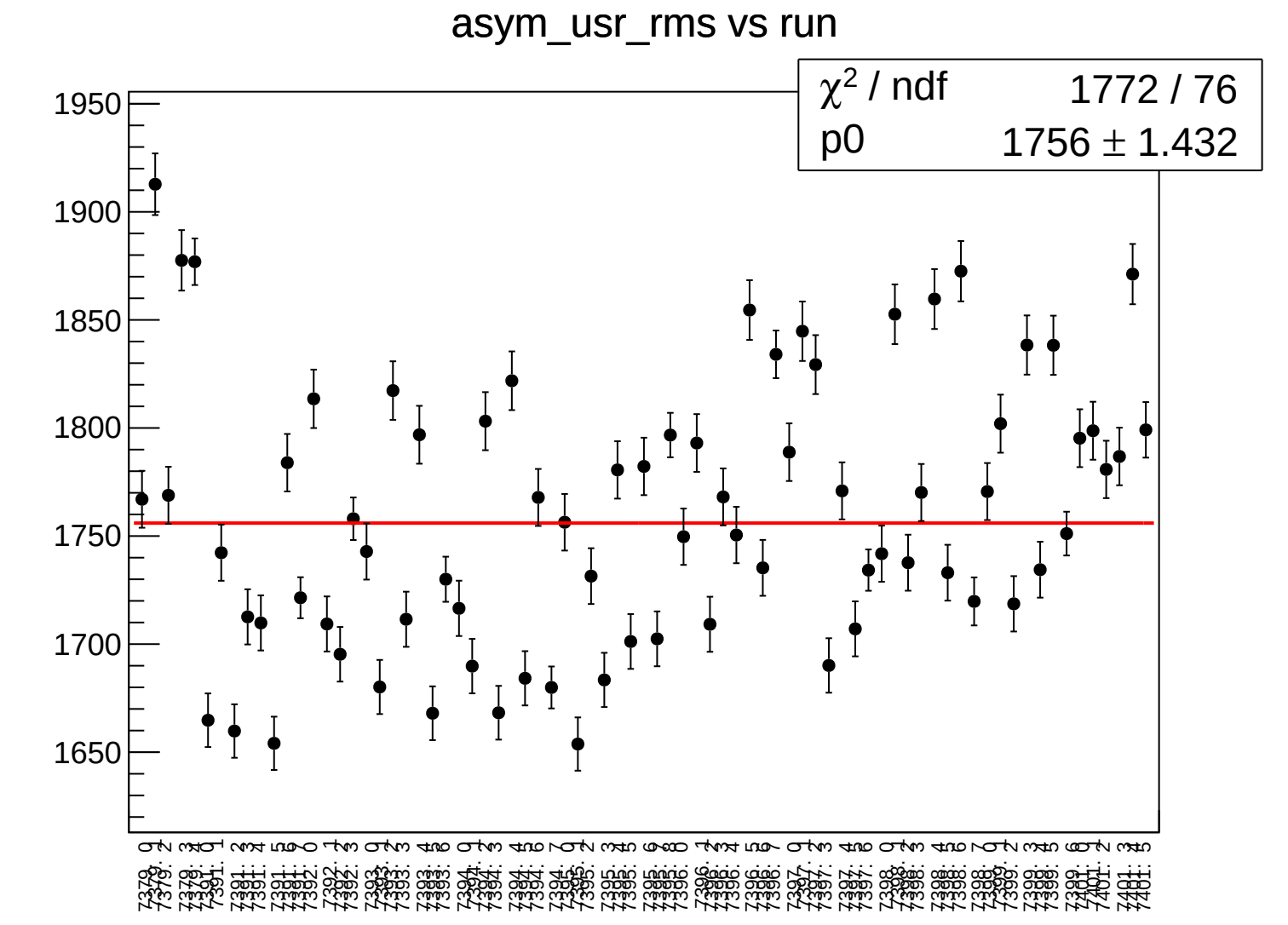

asym_usr_correction_mean vs run
χ² / ndf 70.19 / 76
p0 500.4 ± 1628
60000
40000
20000
0
−20000
−40000
pull
Entries 77
Mean 137.2
Std Dev 74.73
3
2
1
0
−1
−2

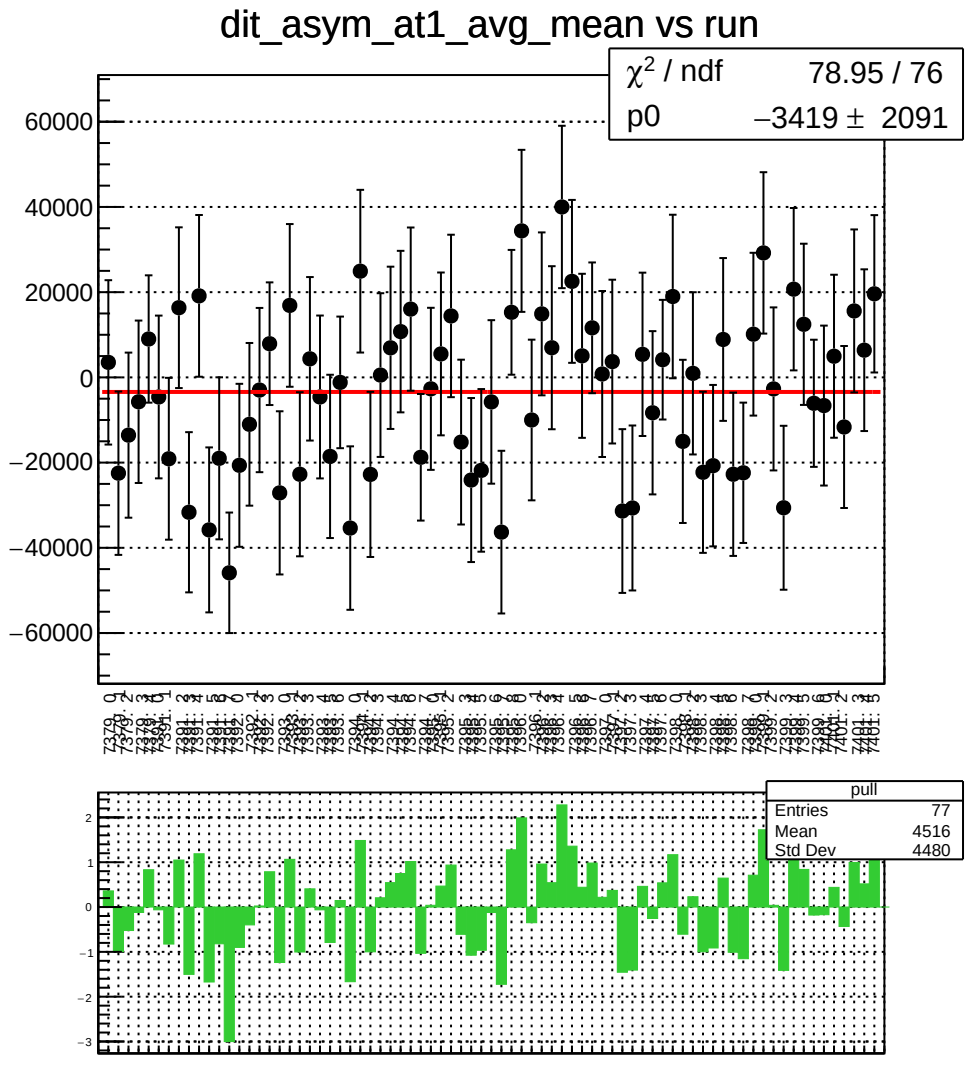

pull1D
Entries 77
Mean −0.02413
Std Dev 0.9545
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

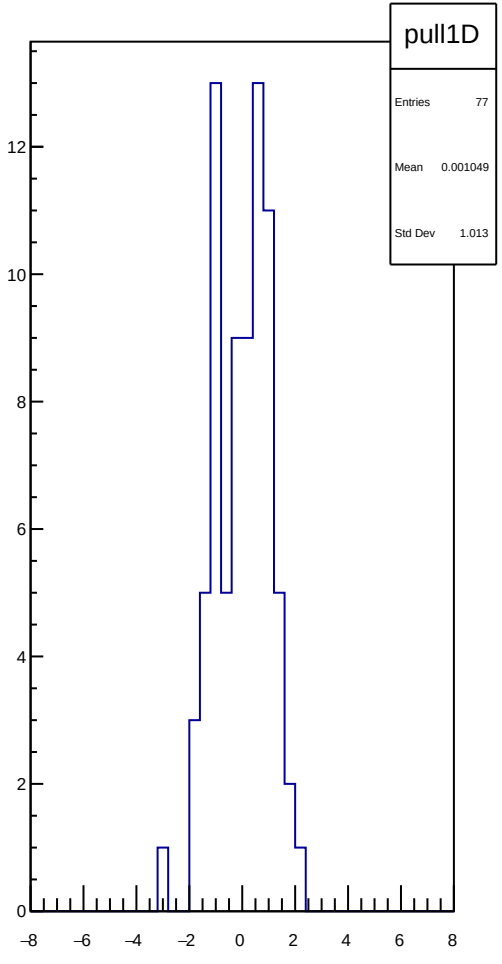

asym_usr_correction_rms vs run
χ² / ndf 4933 / 76
p0 1410 ± 1.151
1600
1550
1500
1450
1400
1350
1300
1250

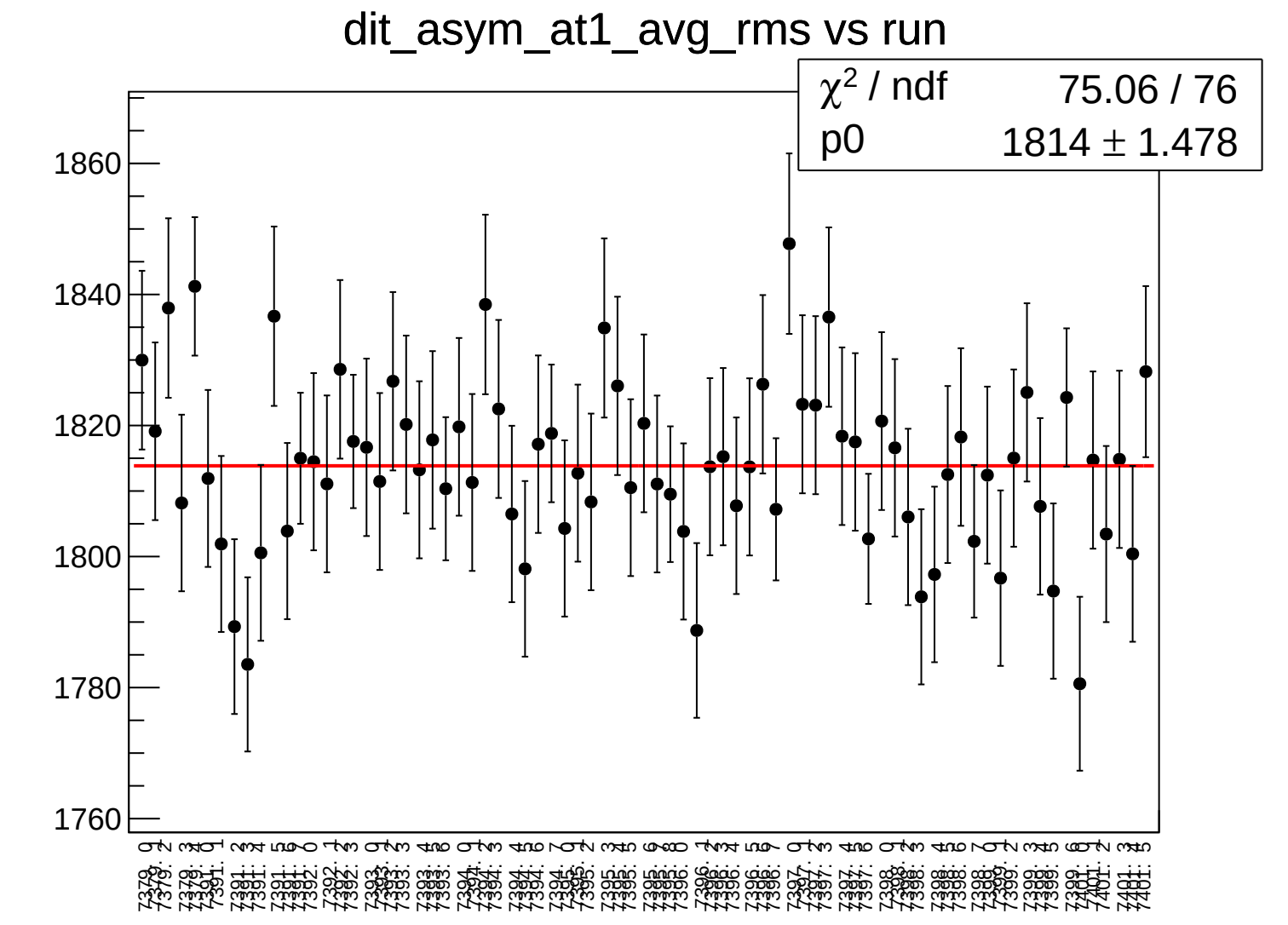

asym_usr_mean vs run
χ² / ndf 78.66 / 76
p0 −3710 ± 2025
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 77
Mean −482.3
Std Dev 533.1
2
1
0
−1
−2

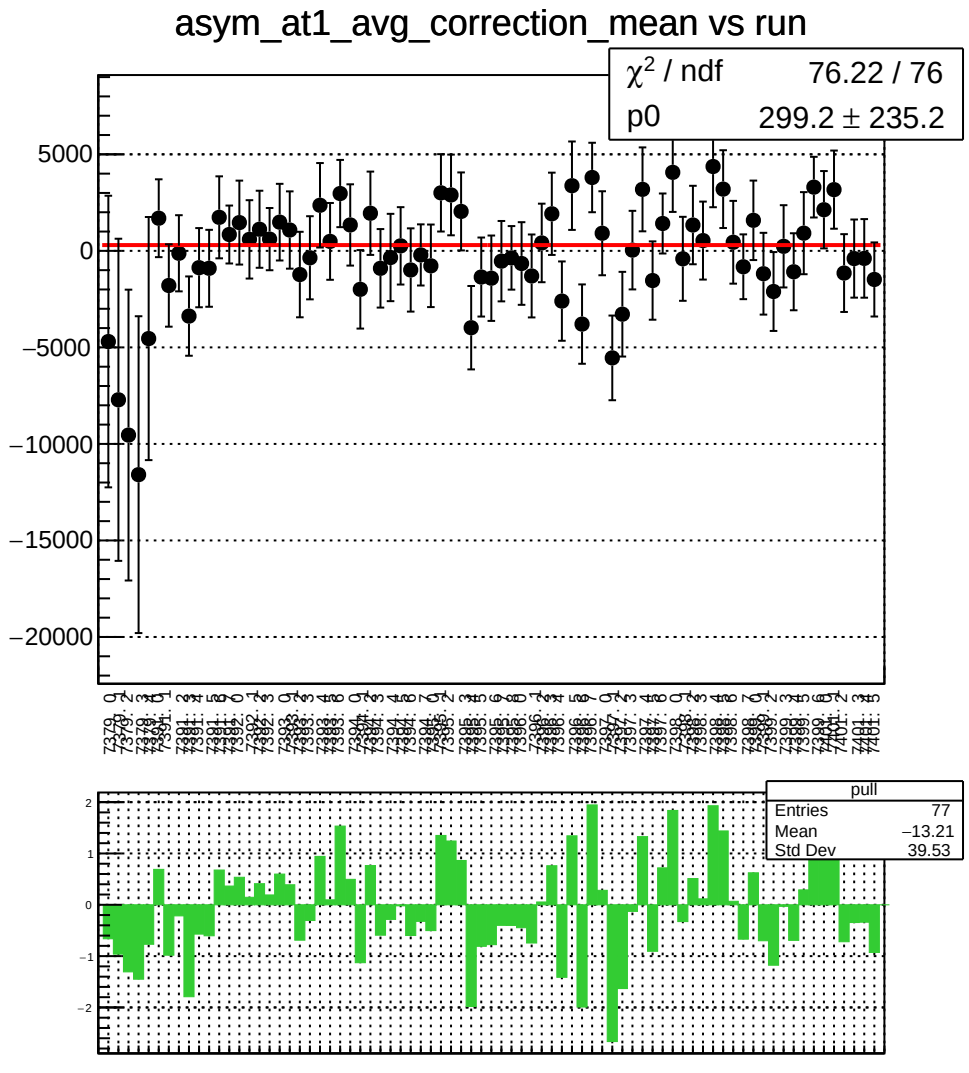

pull1D
Entries 77
Mean −0.005379
Std Dev 1.011
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

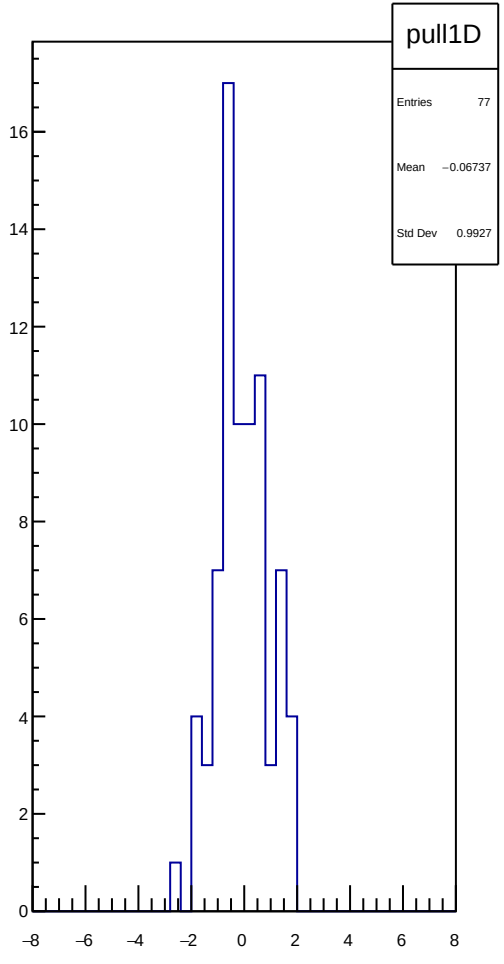

asym_usr_rms vs run
χ² / ndf 1772 / 76
p0 1756 ± 1.432
1950
1900
1850
1800
1750
1700
1650

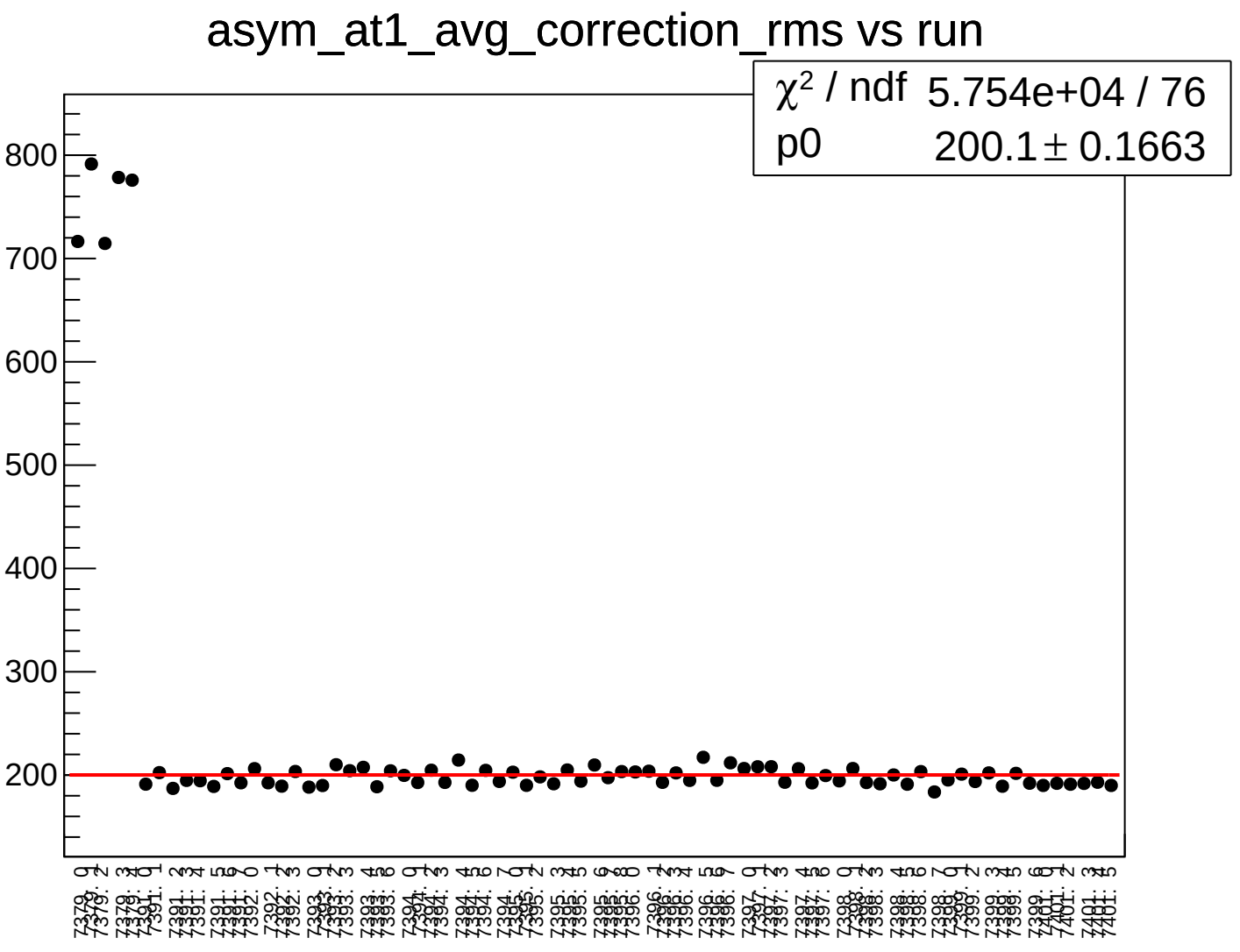

dit_asym_at1_avg_mean vs run
χ² / ndf 78.95 / 76
p0 −3419 ± 2091
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 77
Mean 4516
Std Dev 4480
2
1
0
−1
−2
−3

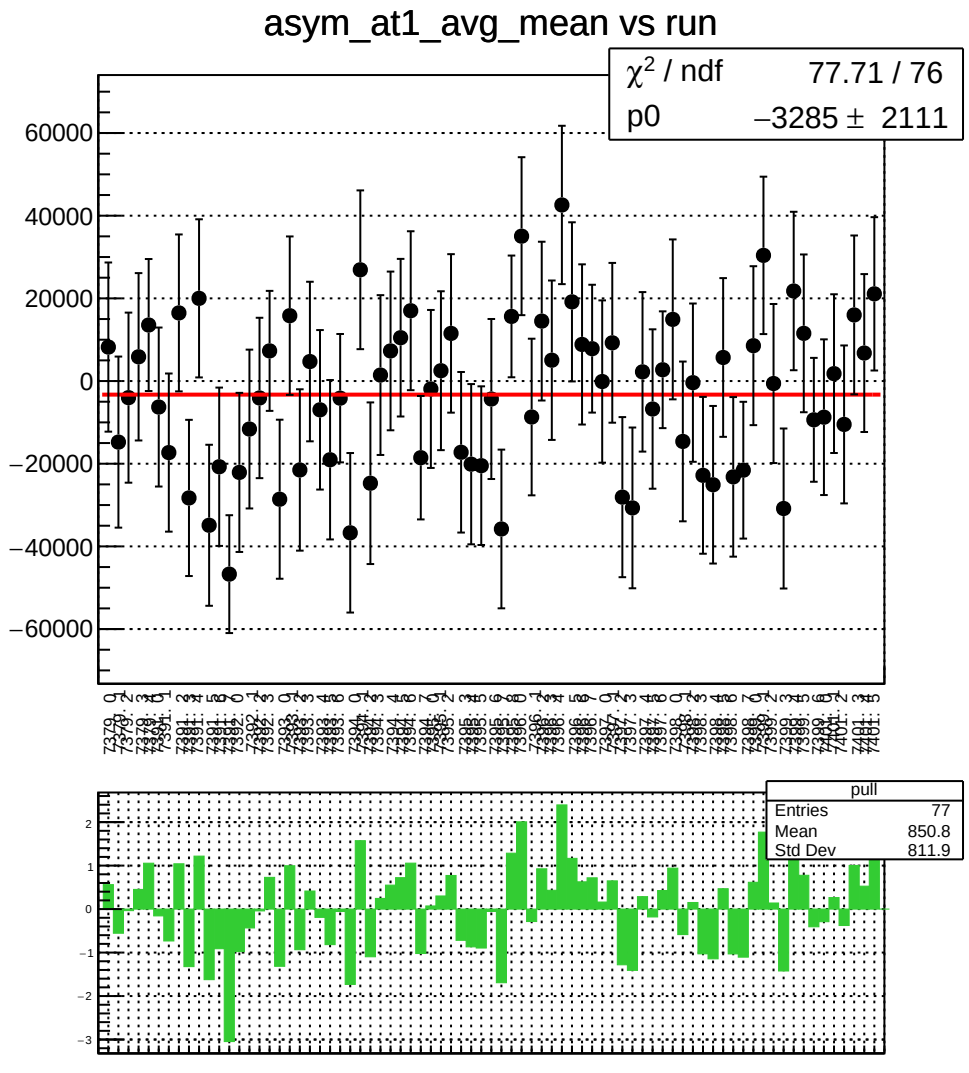

pull1D
Entries 77
Mean 0.001049
Std Dev 1.013
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

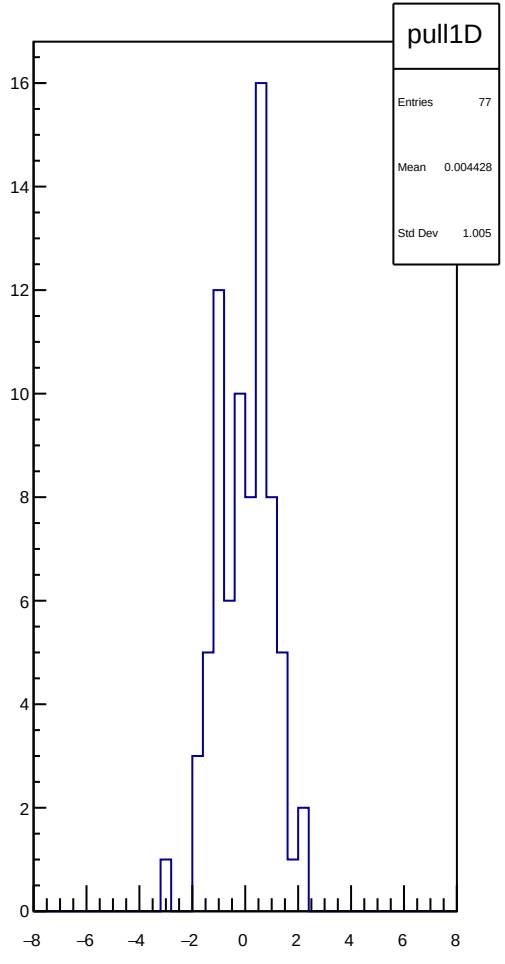

dit_asym_at1_avg_rms vs run
χ^2 / ndf 75.06 / 76
p0 1814 ± 1.478
1860
1840
1820
1800
1780
1760

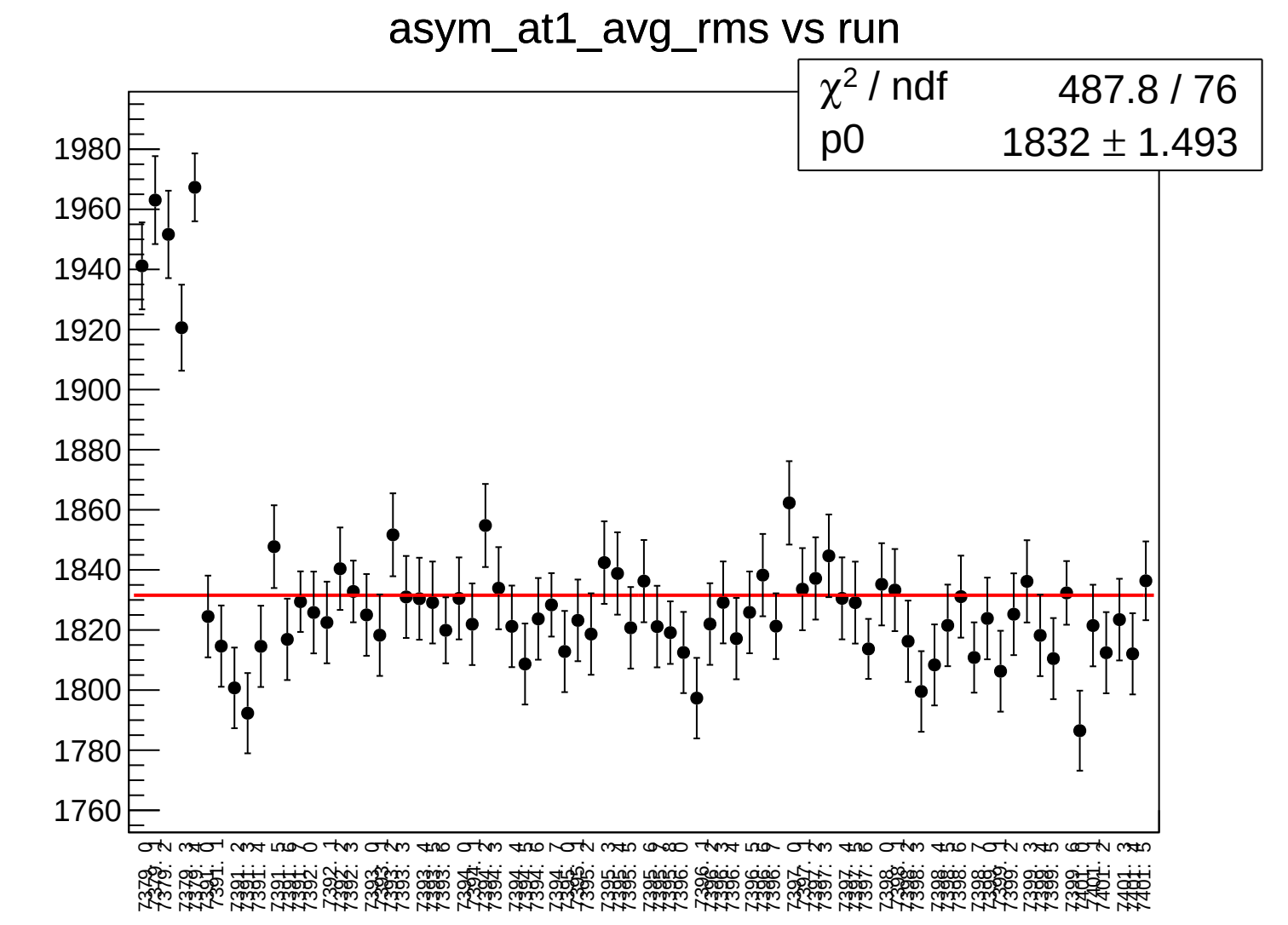

asym_at1_avg_correction_mean vs run
χ² / ndf 76.22 / 76
p0 299.2 ± 235.2
5000
0
−5000
−10000
−15000
−20000
pull
Entries 77
Mean −13.21
Std Dev 39.53
2
1
0
−1
−2

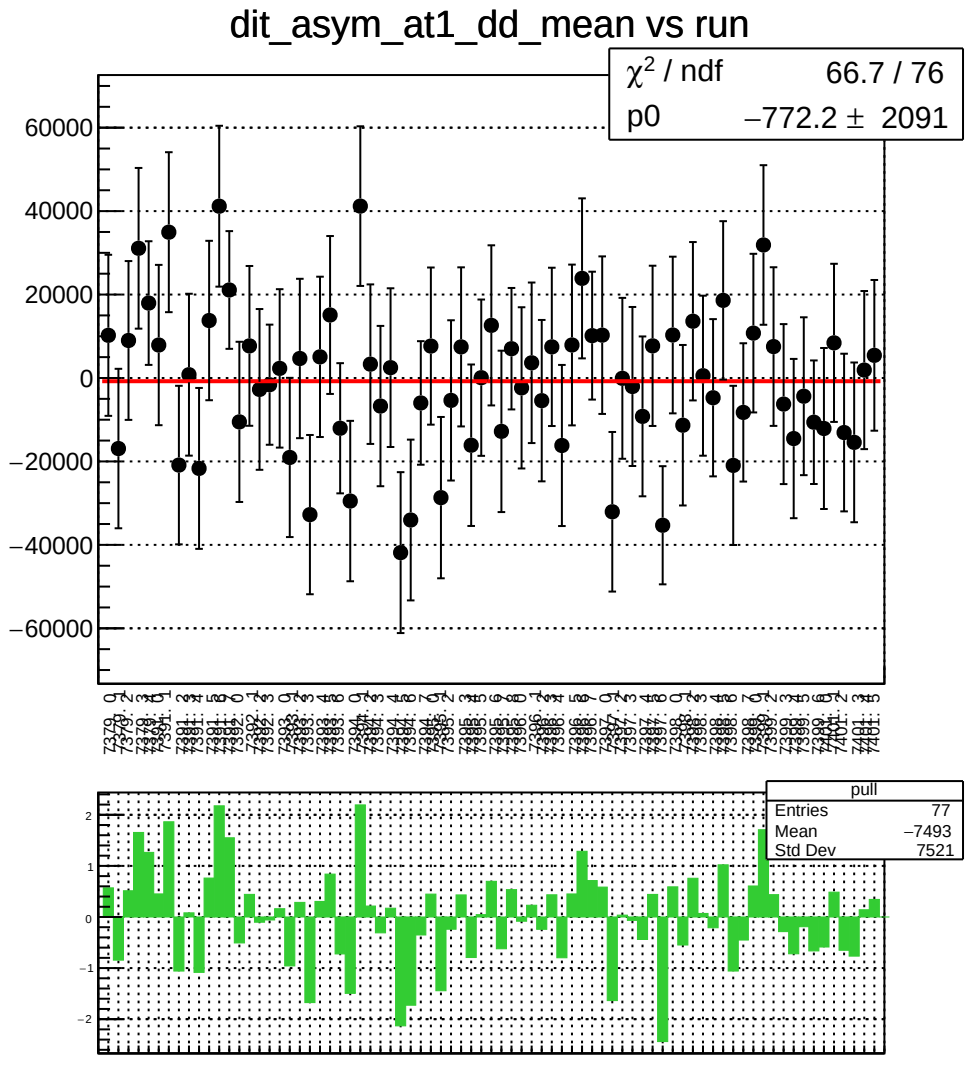

pull1D
Entries 77
Mean −0.06737
Std Dev 0.9927
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

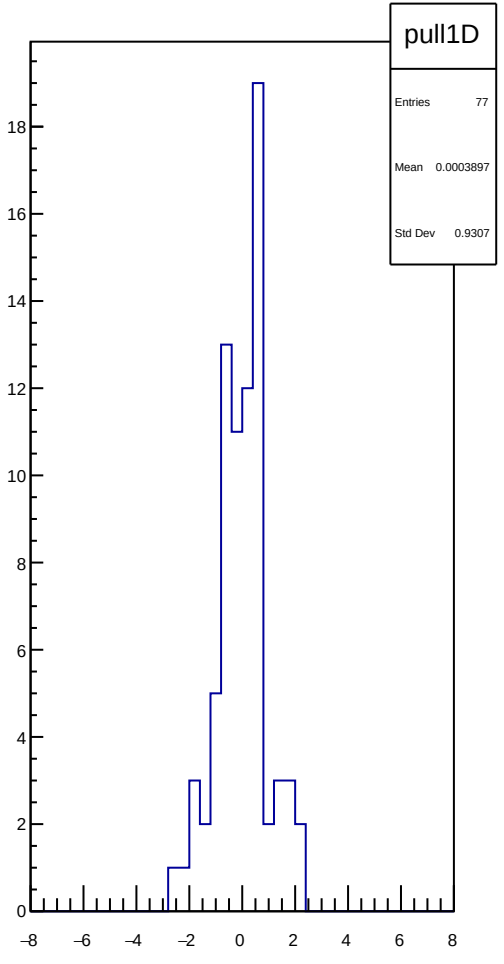

asym_at1_avg_correction_rms vs run
χ² / ndf 5.754e+04 / 76
p0 200.1 ± 0.1663
800
700
600
500
400
300
200

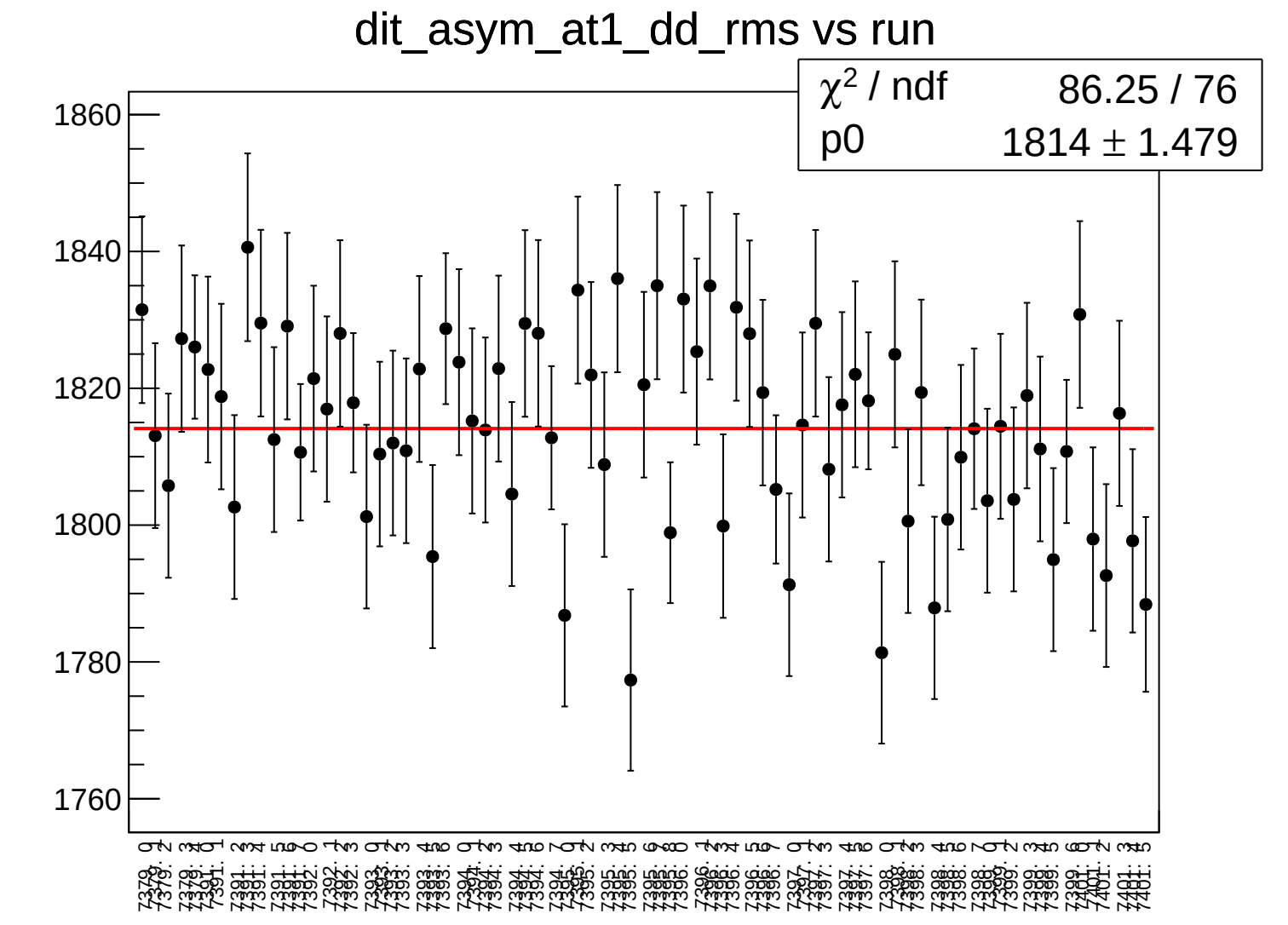

asym_at1_avg_mean vs run
χ² / ndf 77.71 / 76
p0 −3285 ± 2111
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 77
Mean 850.8
Std Dev 811.9
2
1
0
−1
−2
−3

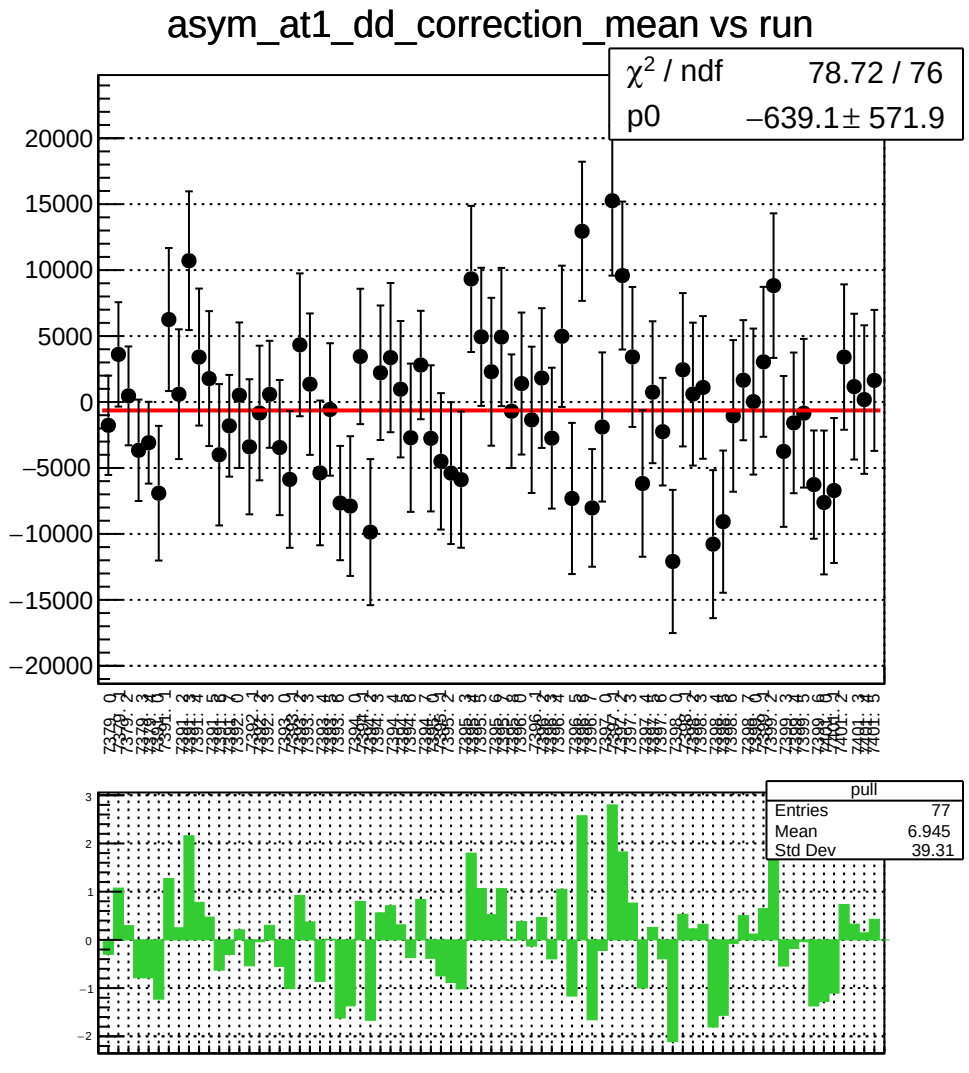

pull1D
Entries 77
Mean 0.004428
Std Dev 1.005
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

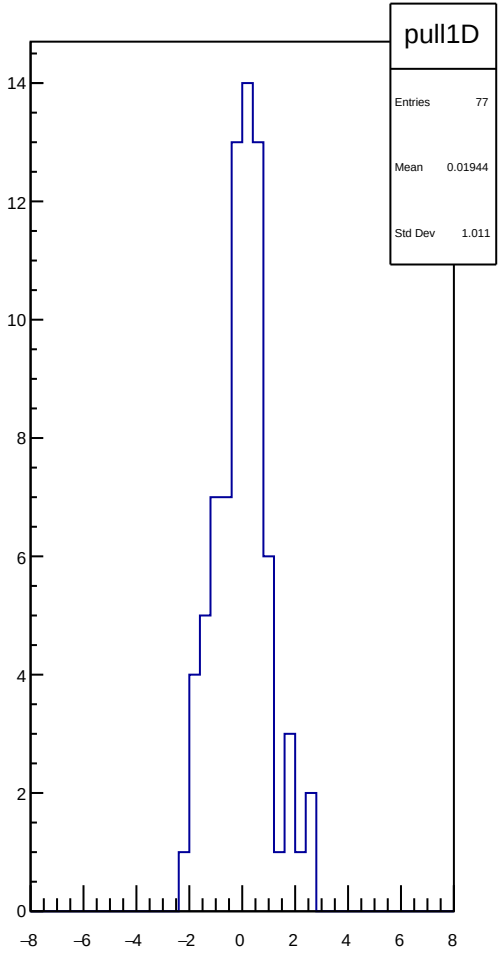

asym_at1_avg_rms vs run
χ^2 / ndf 487.8 / 76
p0 1832 ± 1.493
1980
1960
1940
1920
1900
1880
1860
1840
1820
1800
1780
1760

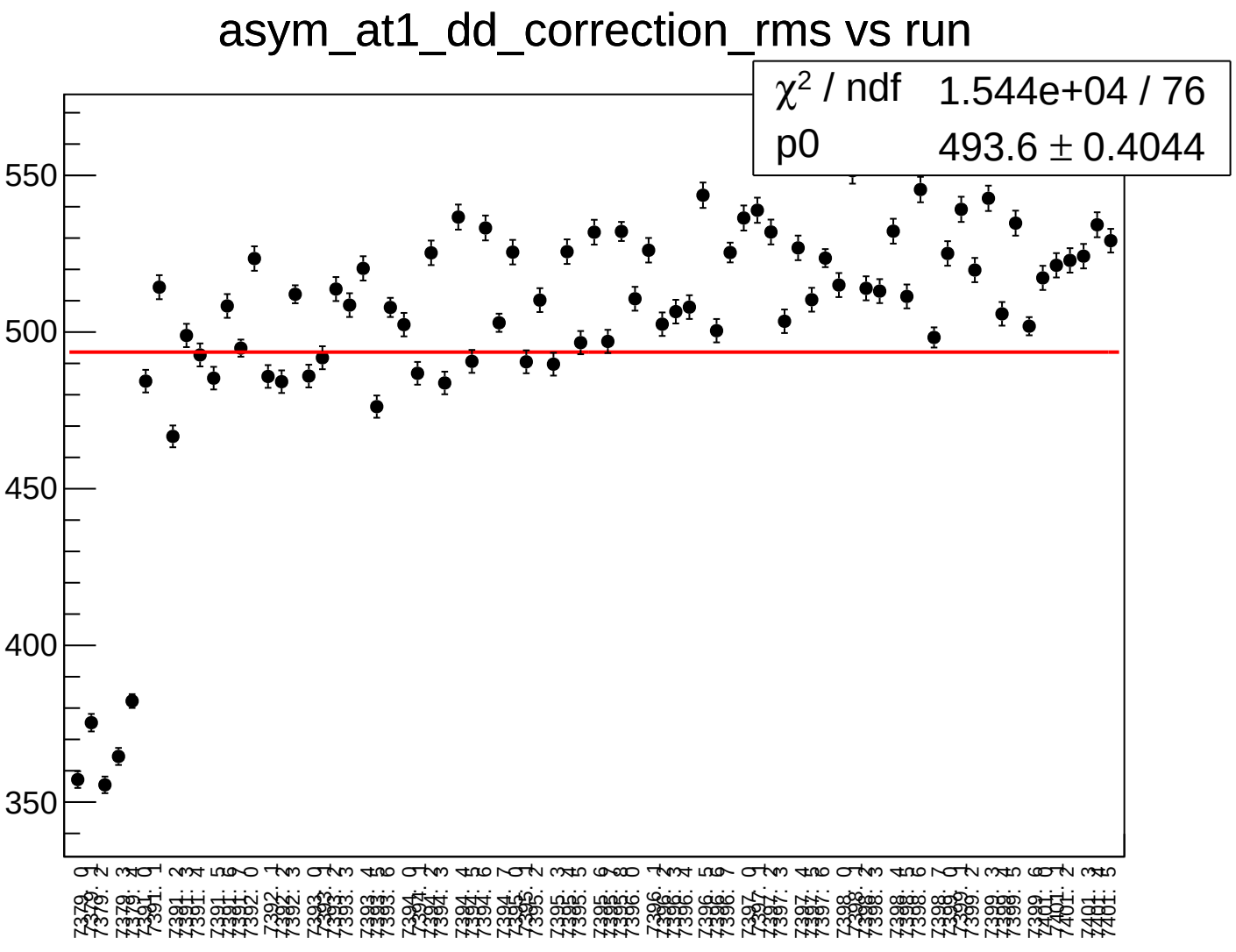

dit_asym_at1_dd_mean vs run
χ² / ndf 66.7 / 76
p0 −772.2 ± 2091
pull
Entries 77
Mean −7493
Std Dev 7521

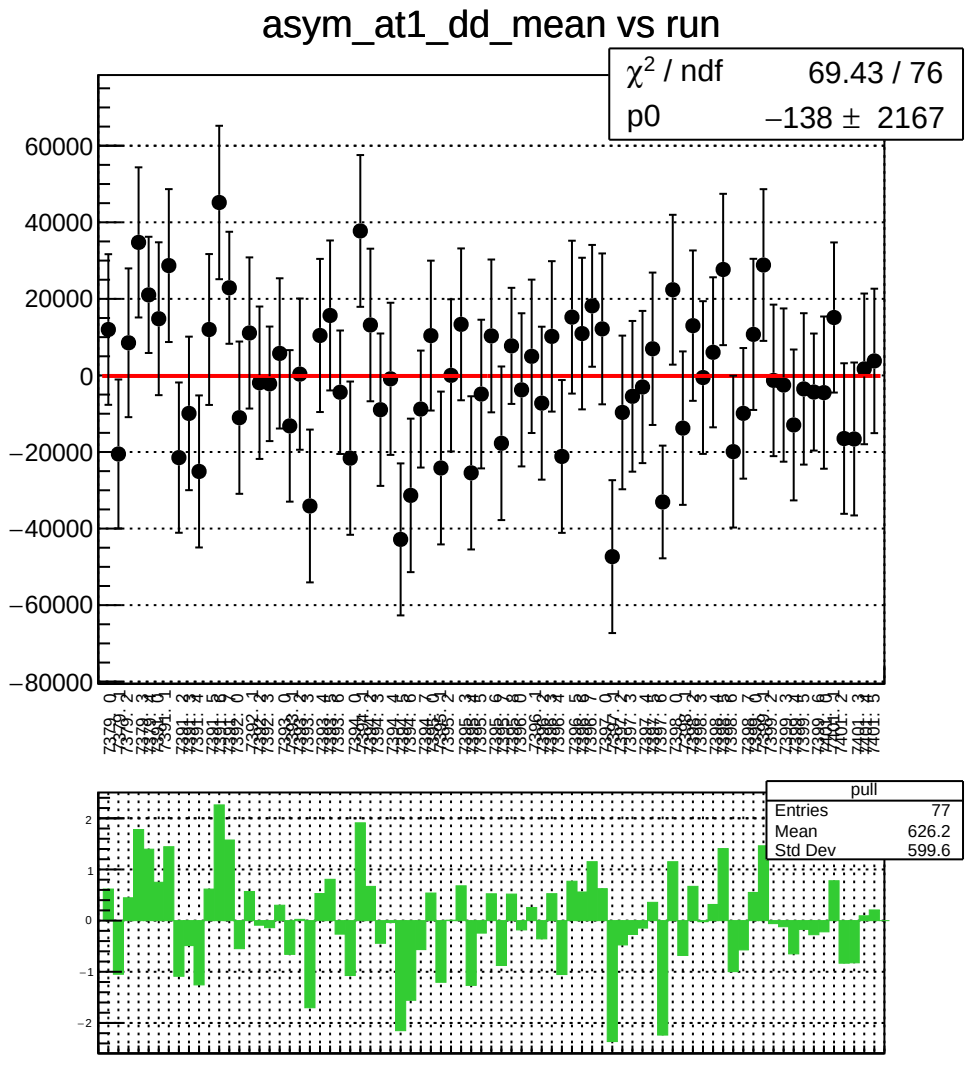

pull1D
Entries 77
Mean 0.0003897
Std Dev 0.9307

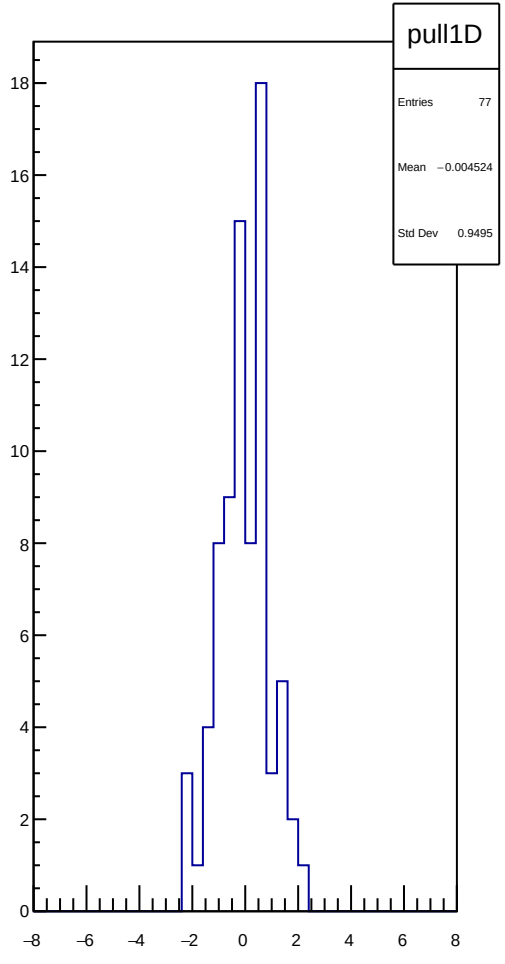

dit_asym_at1_dd_rms vs run
χ² / ndf 86.25 / 76
p0 1814 ± 1.479
1860
1840
1820
1800
1780
1760

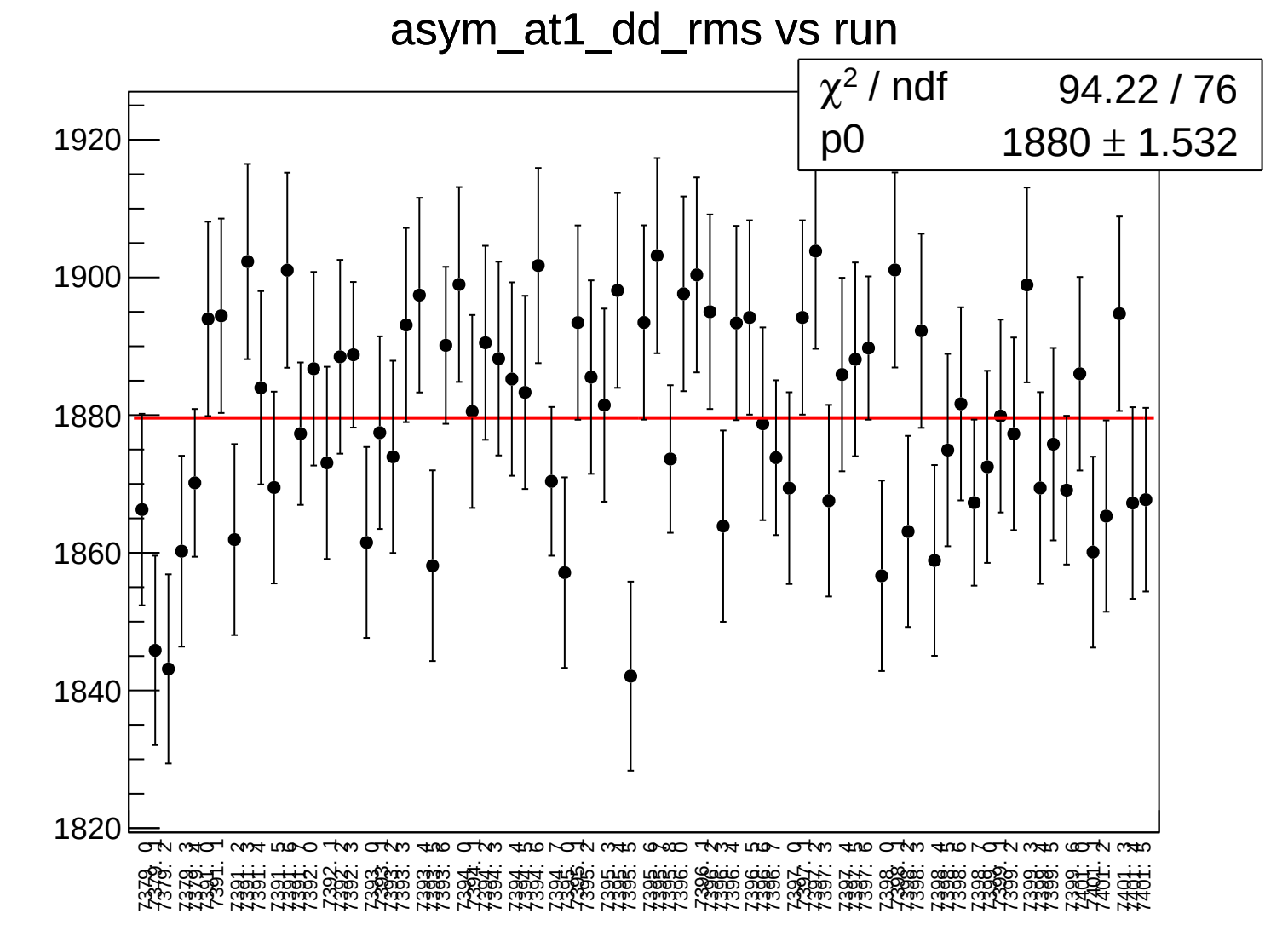

asym_at1_dd_correction_mean vs run
χ² / ndf 78.72 / 76
p0 −639.1 ± 571.9
pull
Entries 77
Mean 6.945
Std Dev 39.31

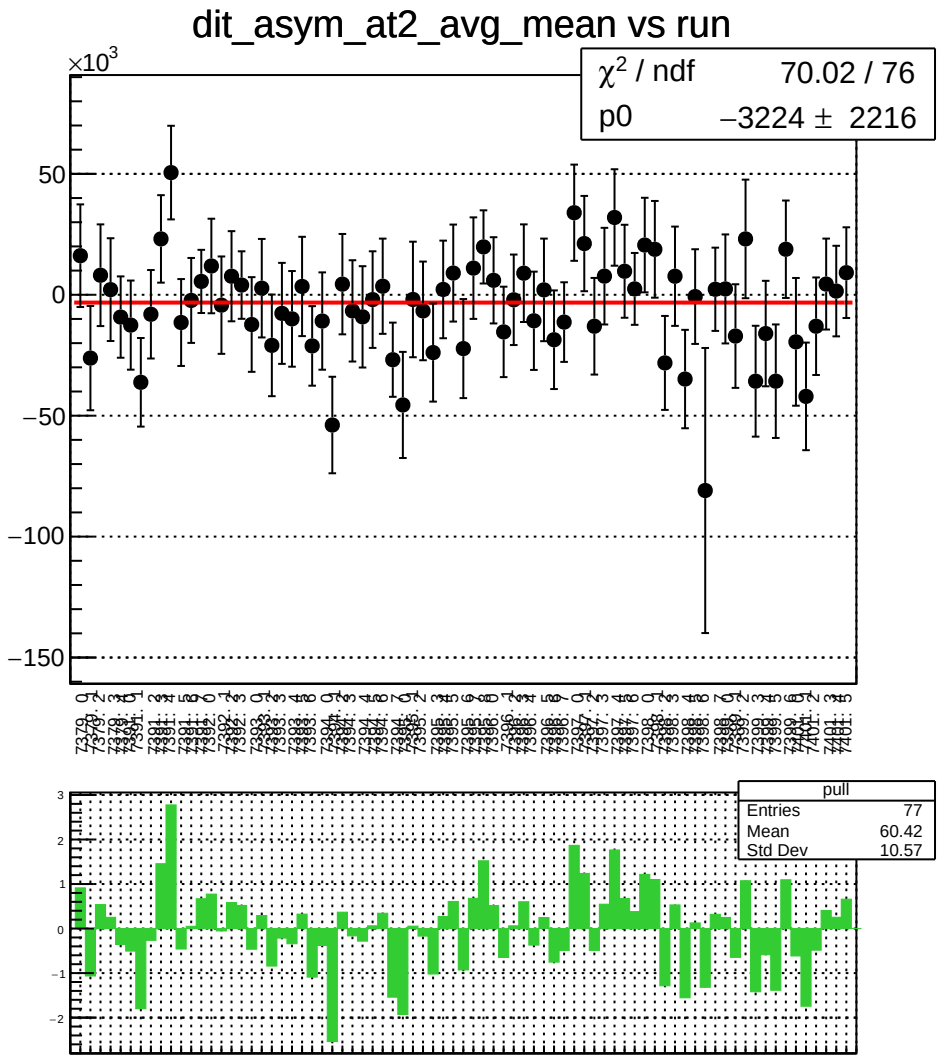

pull1D
Entries 77
Mean 0.01944
Std Dev 1.011

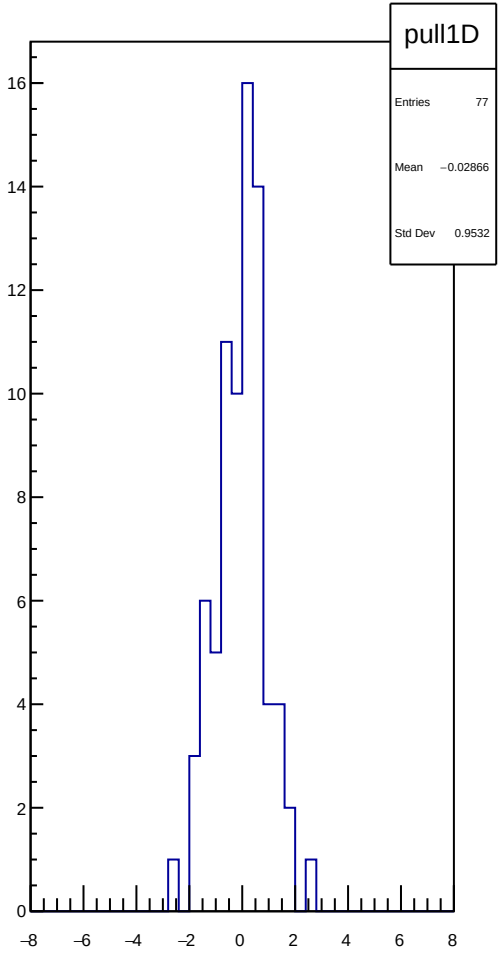

asym_at1_dd_correction_rms vs run
χ² / ndf 1.544e+04 / 76
p0 493.6 ± 0.4044
550
500
450
400
350

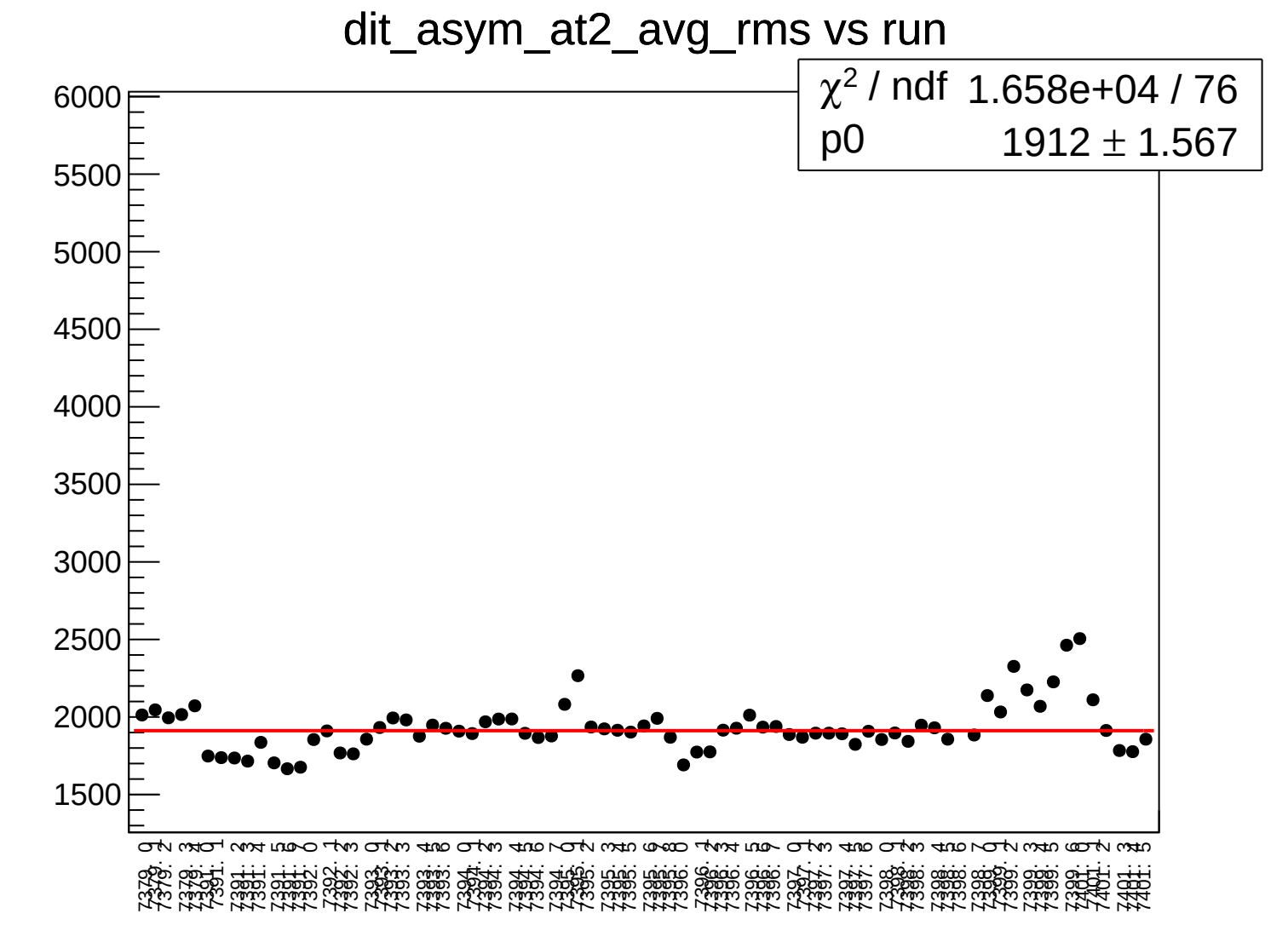

asym_at1_dd_mean vs run
χ² / ndf 69.43 / 76
p0 −138 ± 2167
pull
Entries 77
Mean 626.2
Std Dev 599.6

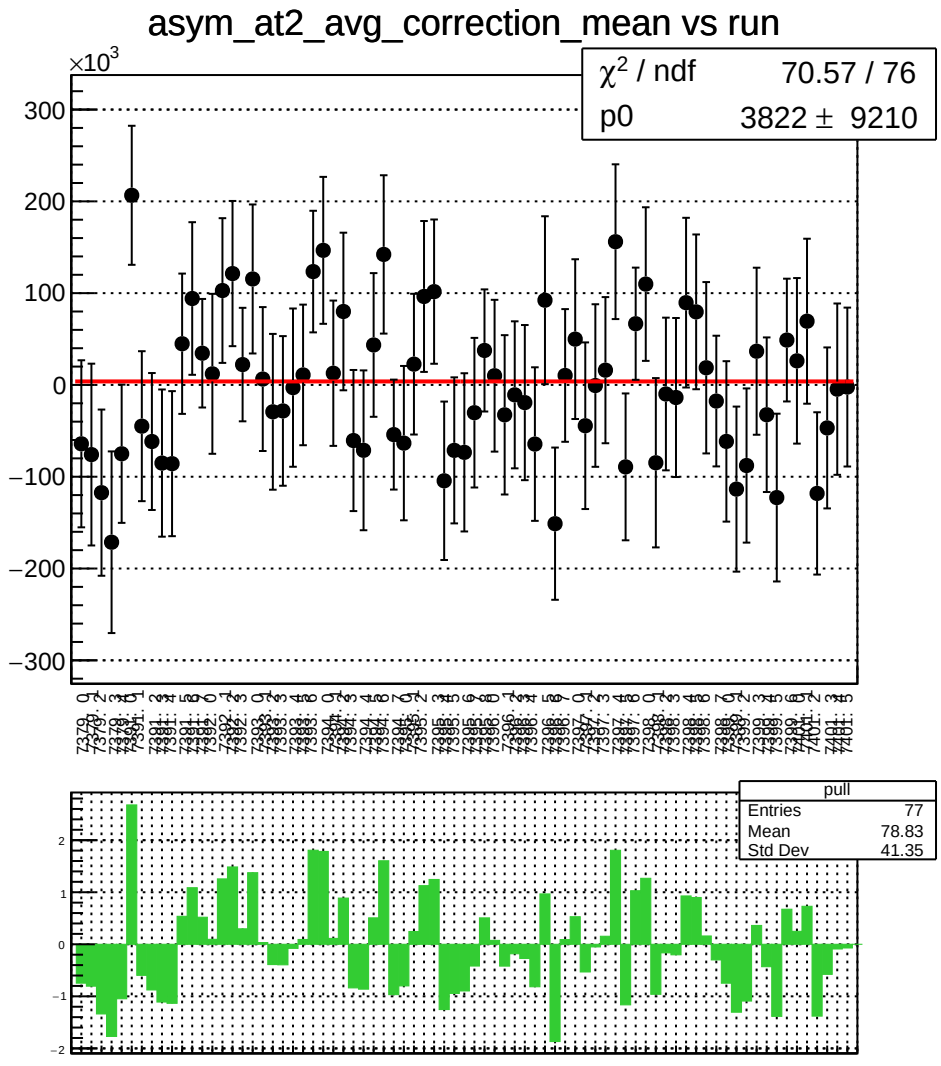

pull1D
Entries 77
Mean −0.004524
Std Dev 0.9495

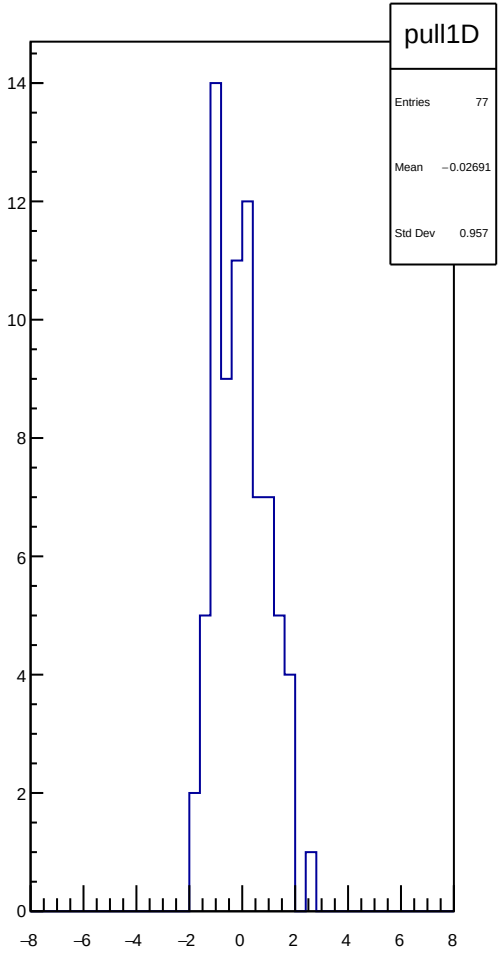

asym_at1_dd_rms vs run
χ² / ndf 94.22 / 76
p0 1880 ± 1.532
1920
1900
1880
1860
1840
1820

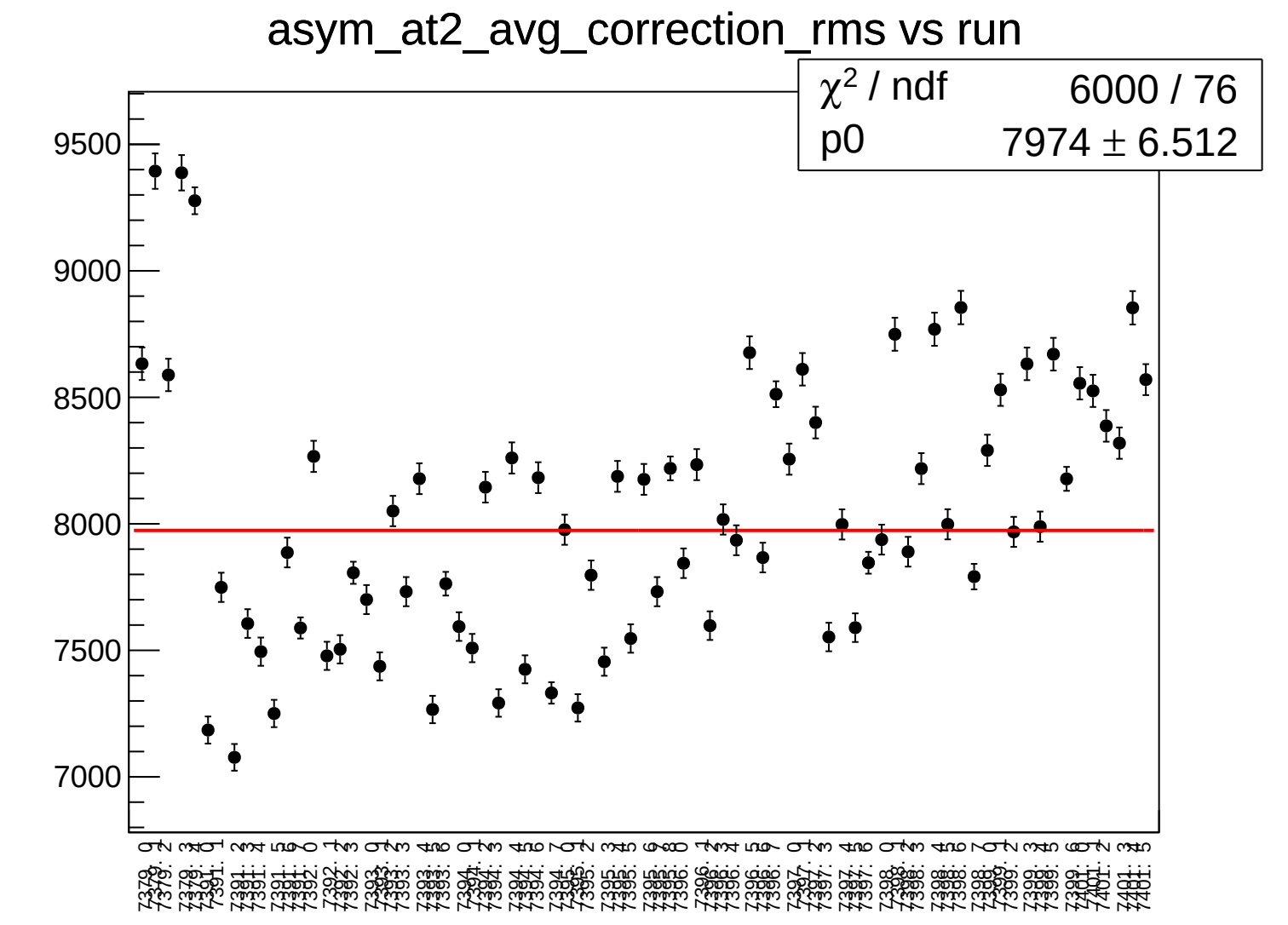

dit_asym_at2_avg_mean vs run
×10^3
χ² / ndf 70.02 / 76
p0 −3224 ± 2216
50
0
−50
−100
−150
pull
Entries 77
Mean 60.42
Std Dev 10.57
3
2
1
0
−1
−2

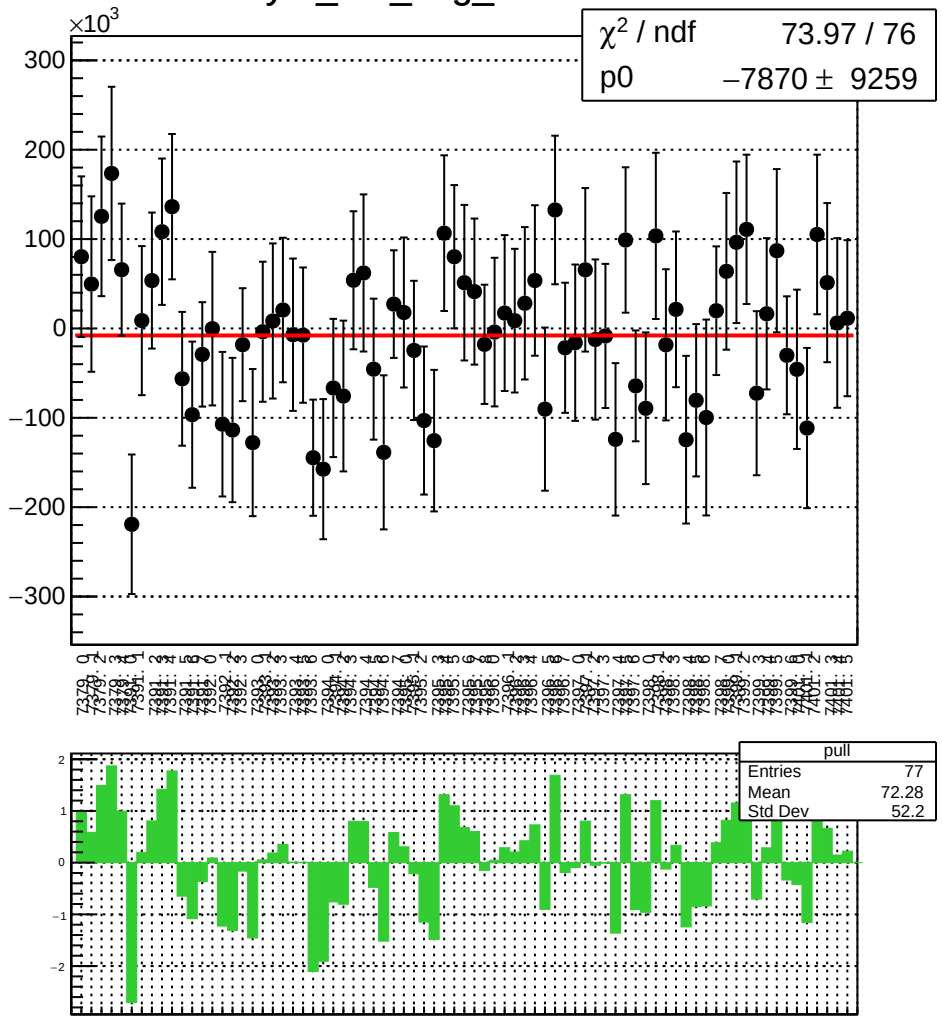

pull1D
Entries 77
Mean −0.02866
Std Dev 0.9532
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

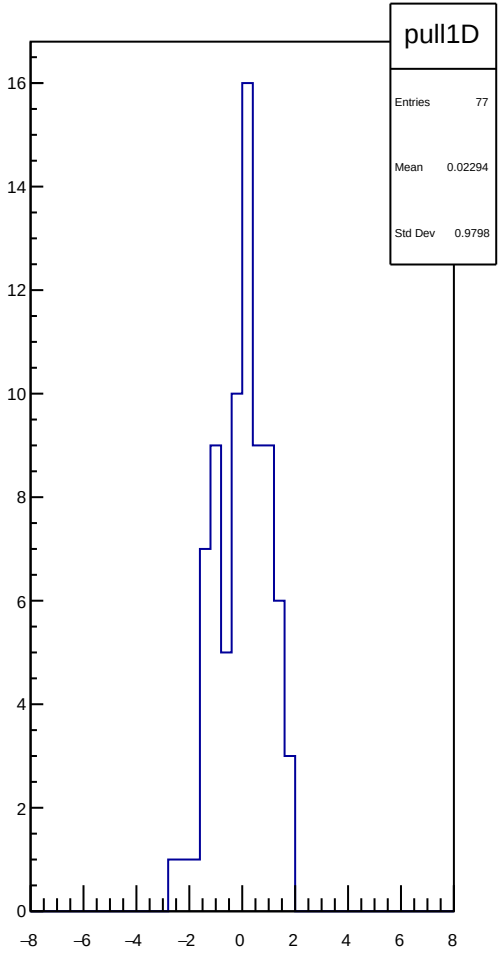

dit_asym_at2_avg_rms vs run
χ² / ndf 1.658e+04 / 76
p0 1912 ± 1.567
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

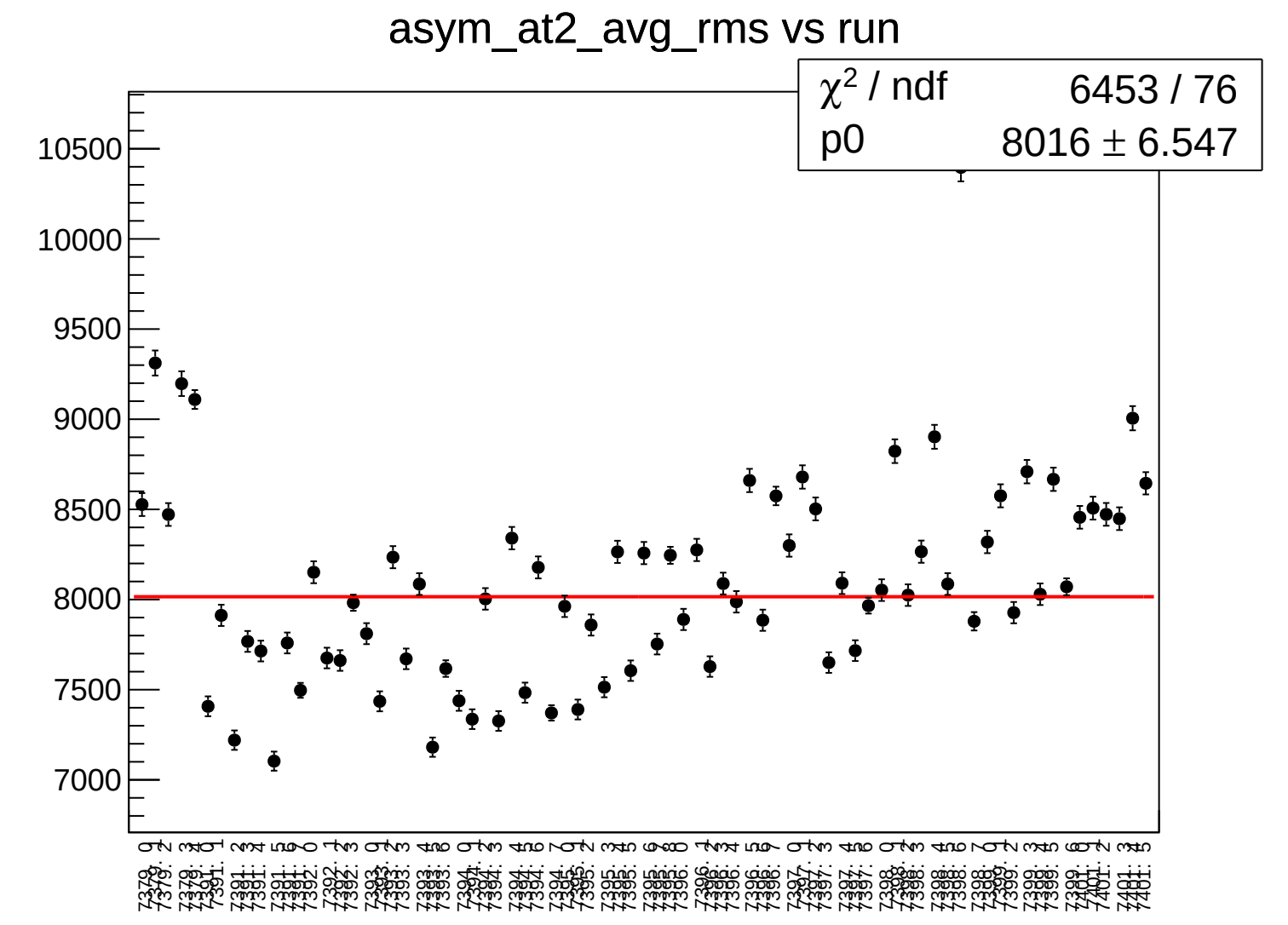

asym_at2_avg_correction_mean vs run
×10^3
χ² / ndf 70.57 / 76
p0 3822 ± 9210
pull
Entries 77
Mean 78.83
Std Dev 41.35

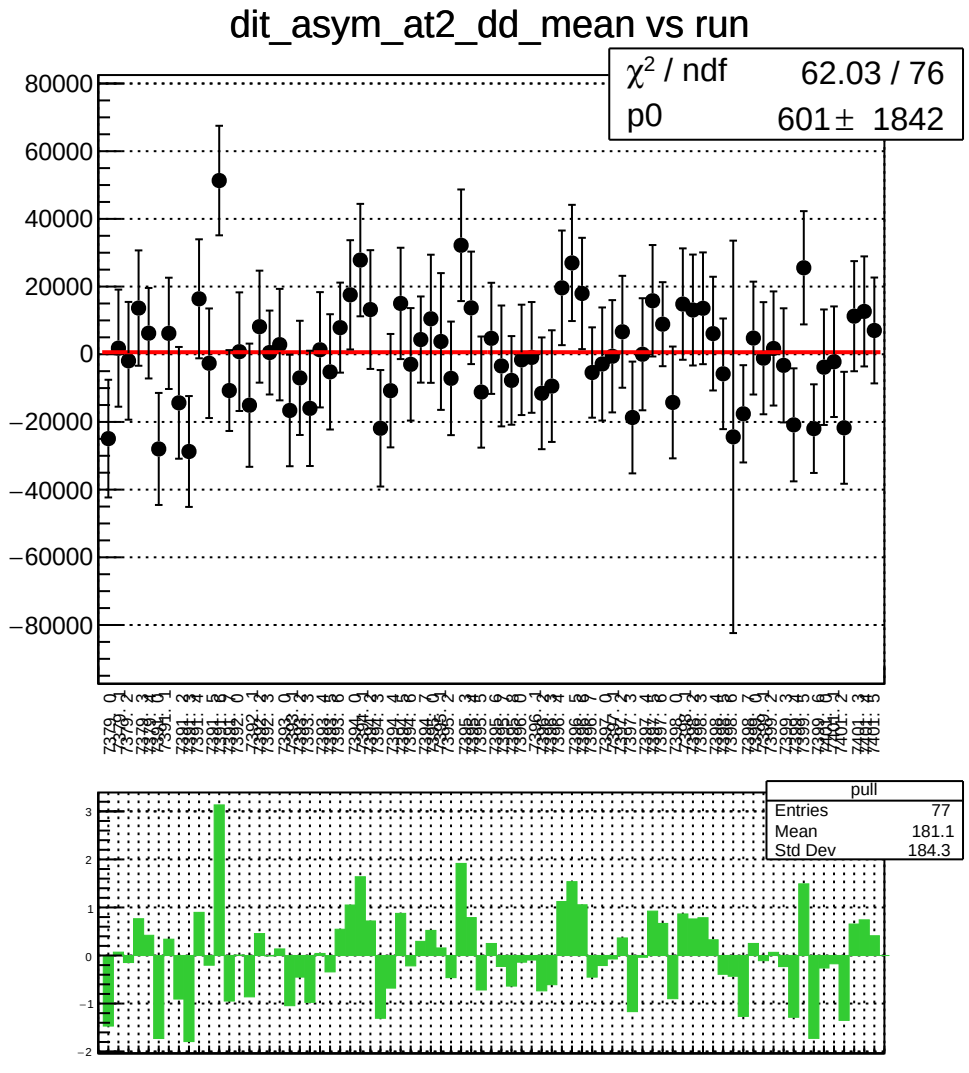

pull1D
Entries 77
Mean −0.02691
Std Dev 0.957

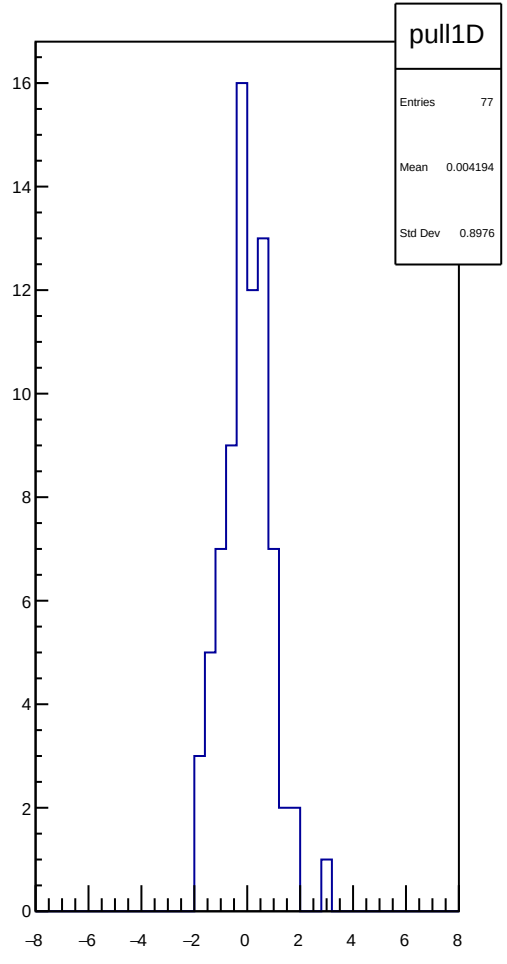

asym_at2_avg_correction_rms vs run
χ² / ndf 6000 / 76
p0 7974 ± 6.512
9500
9000
8500
8000
7500
7000

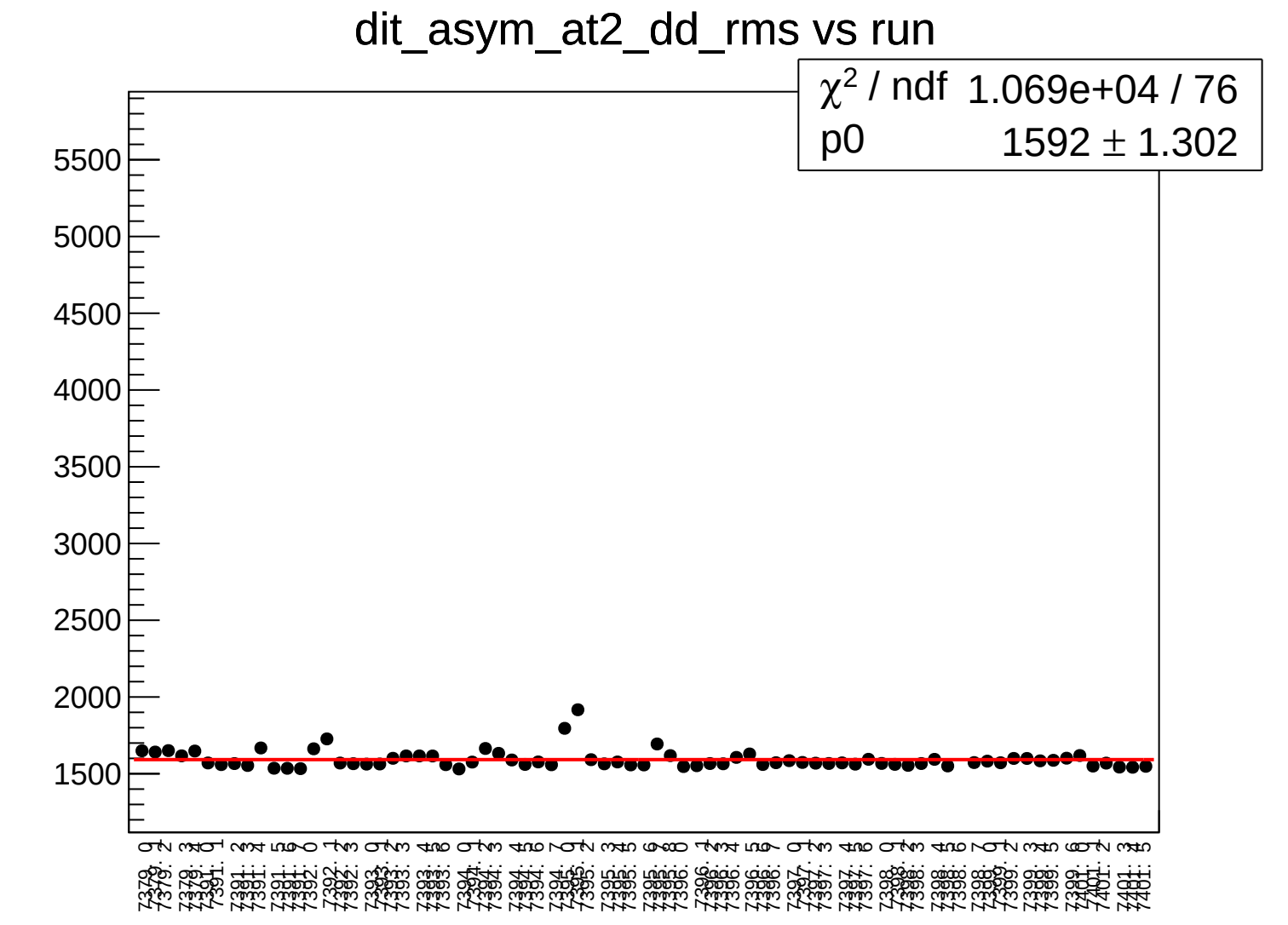

asym_at2_avg_mean vs run
×10^3
χ² / ndf 73.97 / 76
p0 −7870 ± 9259
pull
Entries 77
Mean 72.28
Std Dev 52.2

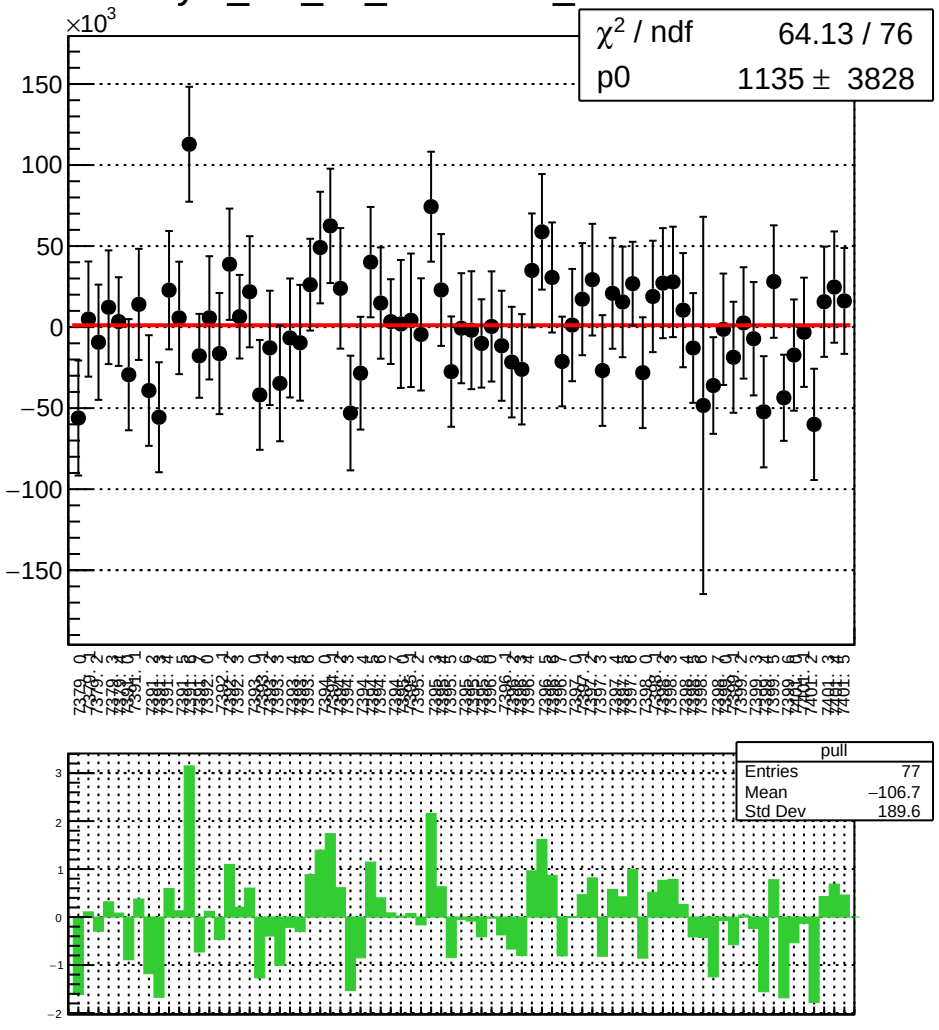

pull1D
Entries 77
Mean 0.02294
Std Dev 0.9798

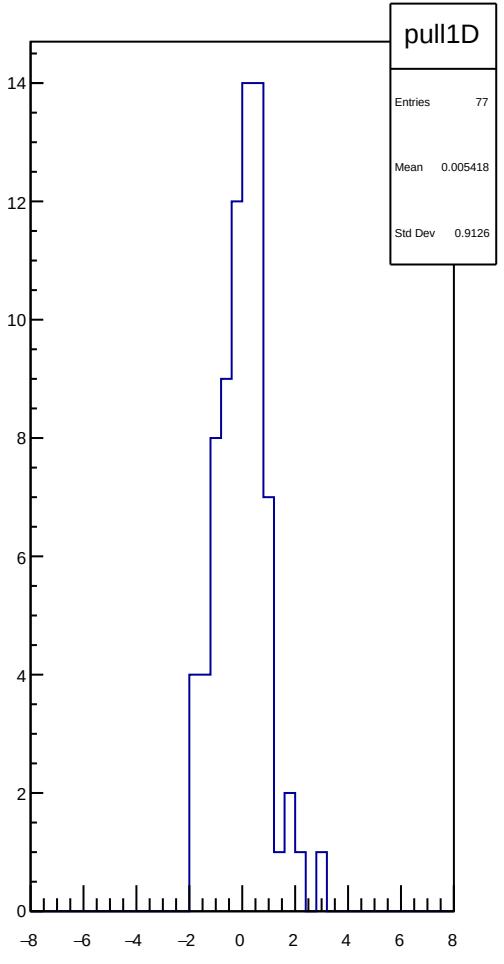

asym_at2_avg_rms vs run
χ^2 / ndf 6453 / 76
p0 8016 ± 6.547
10500
10000
9500
9000
8500
8000
7500
7000

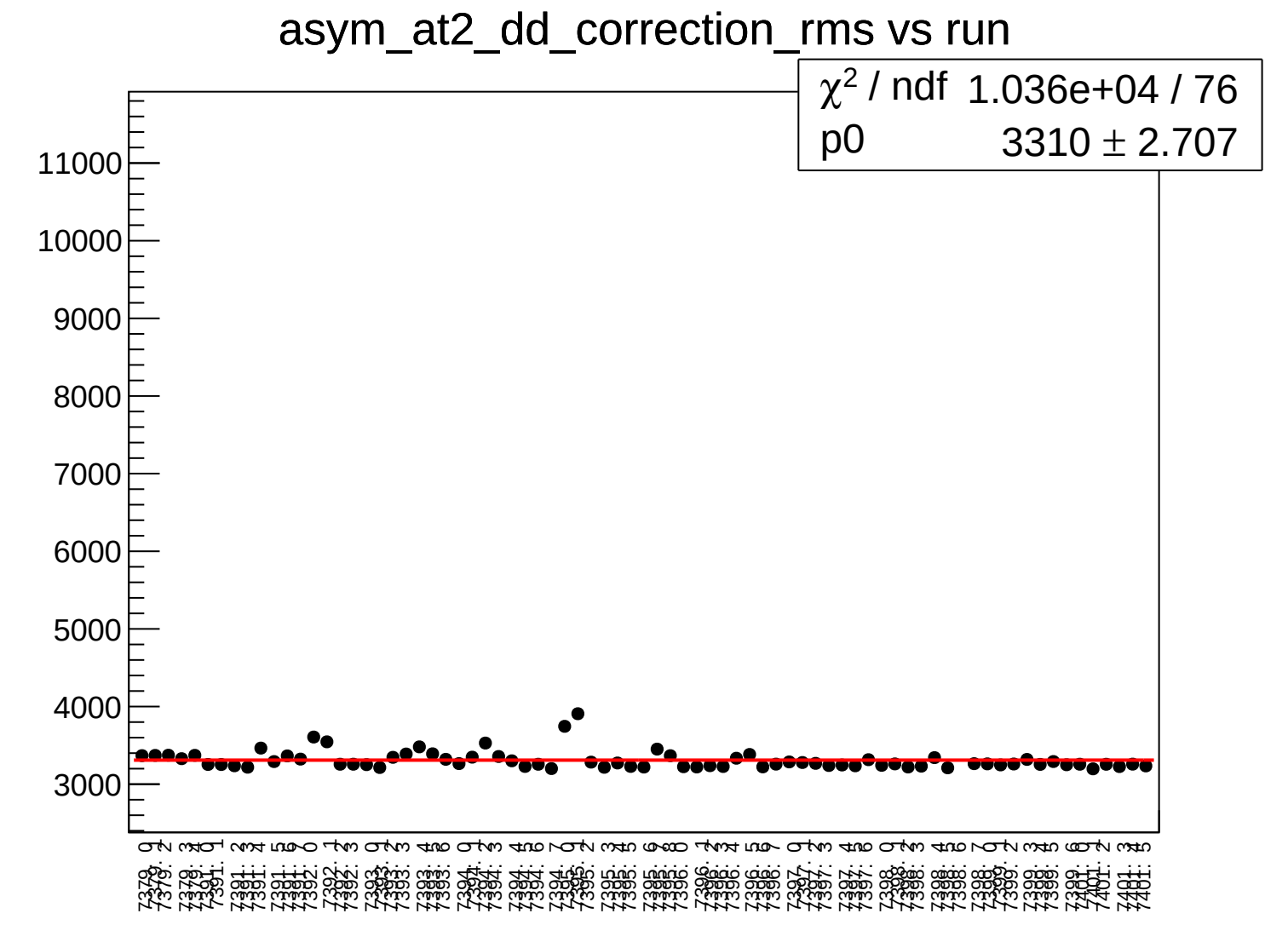

dit_asym_at2_dd_mean vs run
χ² / ndf 62.03 / 76
p0 601 ± 1842
pull
Entries 77
Mean 181.1
Std Dev 184.3

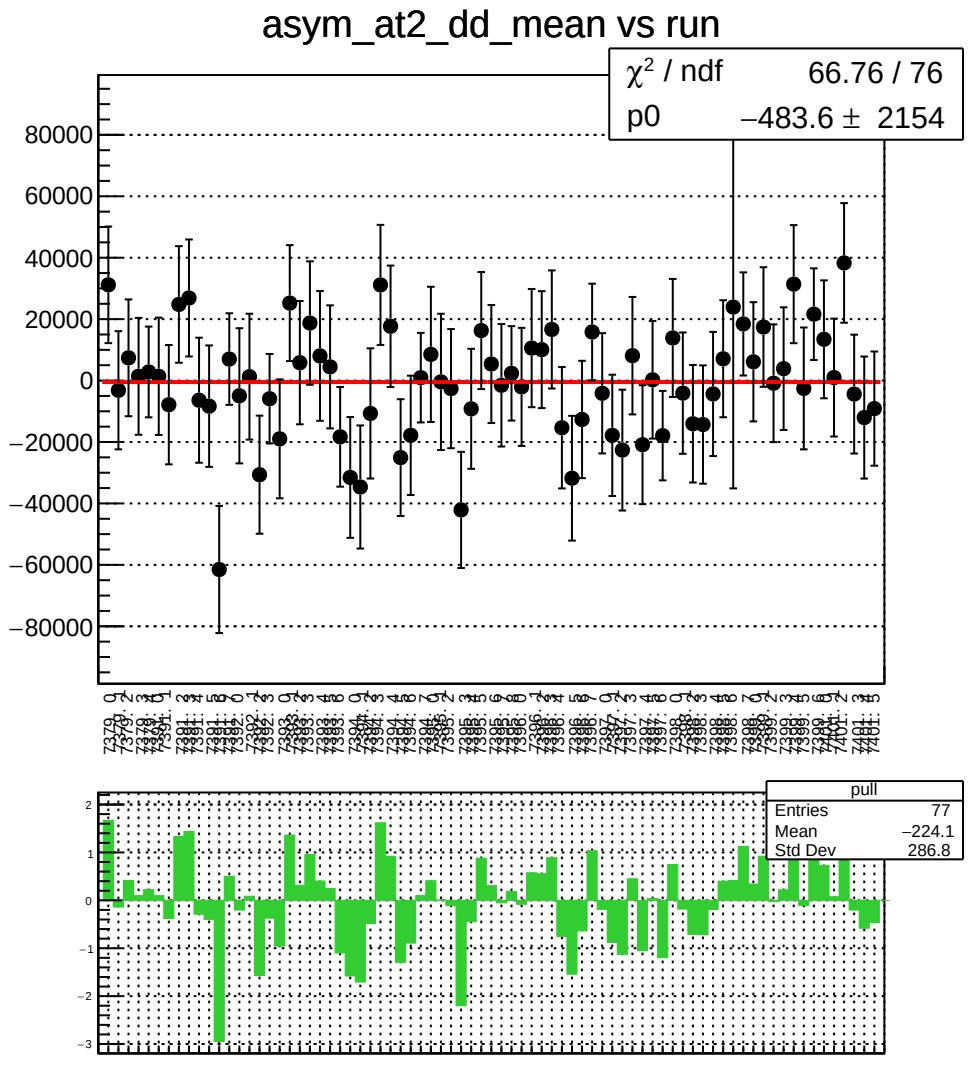

pull1D
Entries 77
Mean 0.004194
Std Dev 0.8976

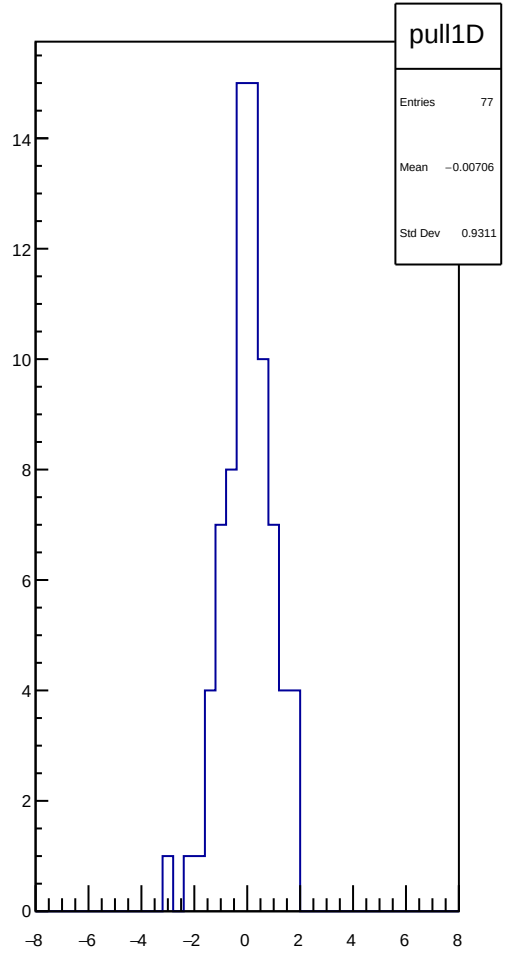

dit_asym_at2_dd_rms vs run
χ^2 / ndf 1.069e+04 / 76
p0 1592 ± 1.302
5500
5000
4500
4000
3500
3000
2500
2000
1500

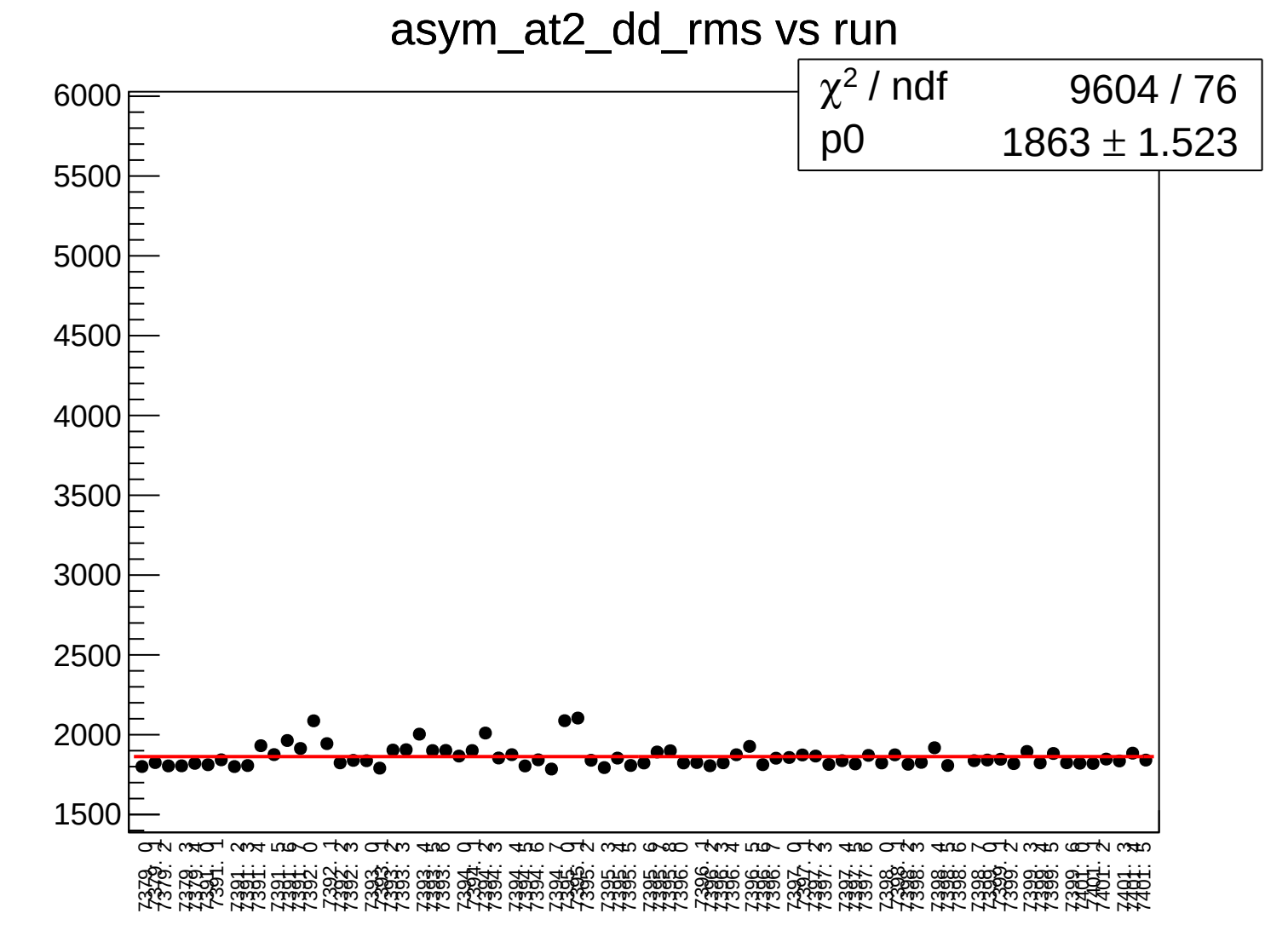

asym_at2_dd_correction_mean vs run
χ^2 / ndf 64.13 / 76
p0 1135 ± 3828
pull
Entries 77
Mean −106.7
Std Dev 189.6

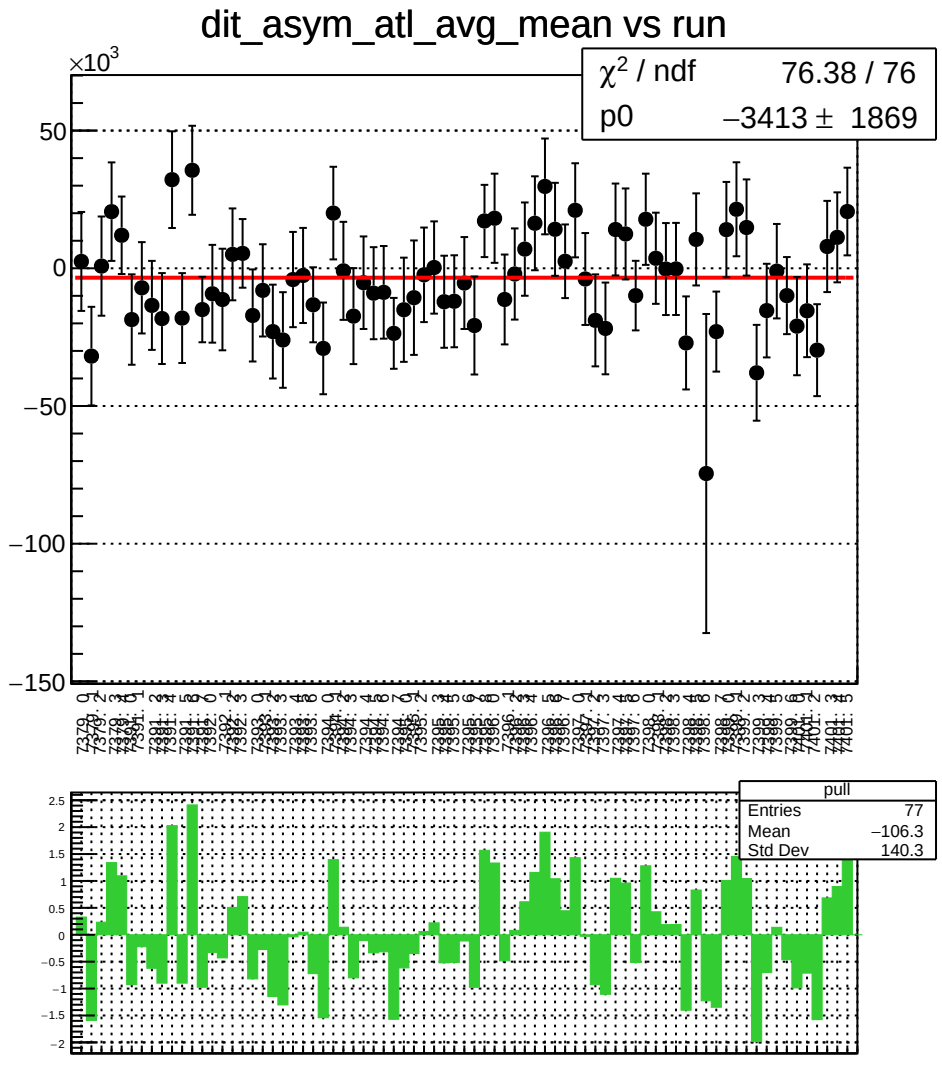

pull1D
Entries 77
Mean 0.005418
Std Dev 0.9126

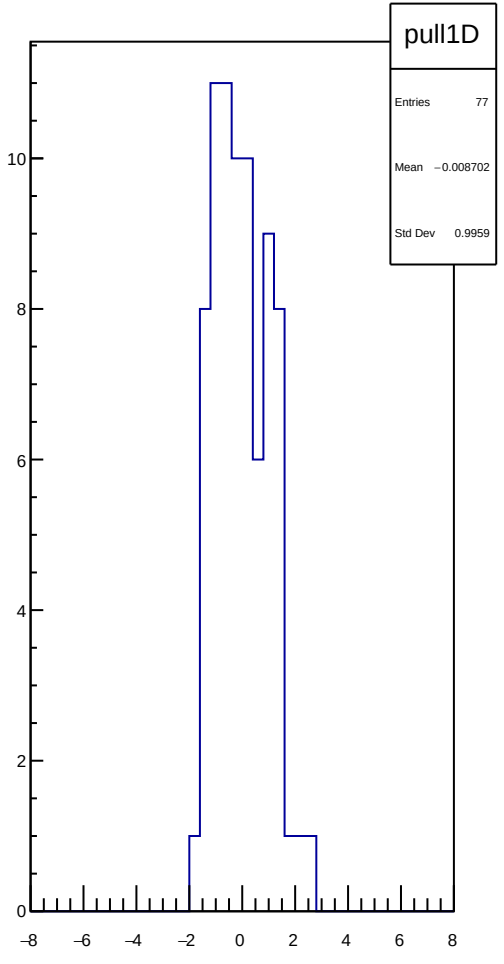

asym_at2_dd_correction_rms vs run
χ² / ndf 1.036e+04 / 76
p0 3310 ± 2.707
11000
10000
9000
8000
7000
6000
5000
4000
3000

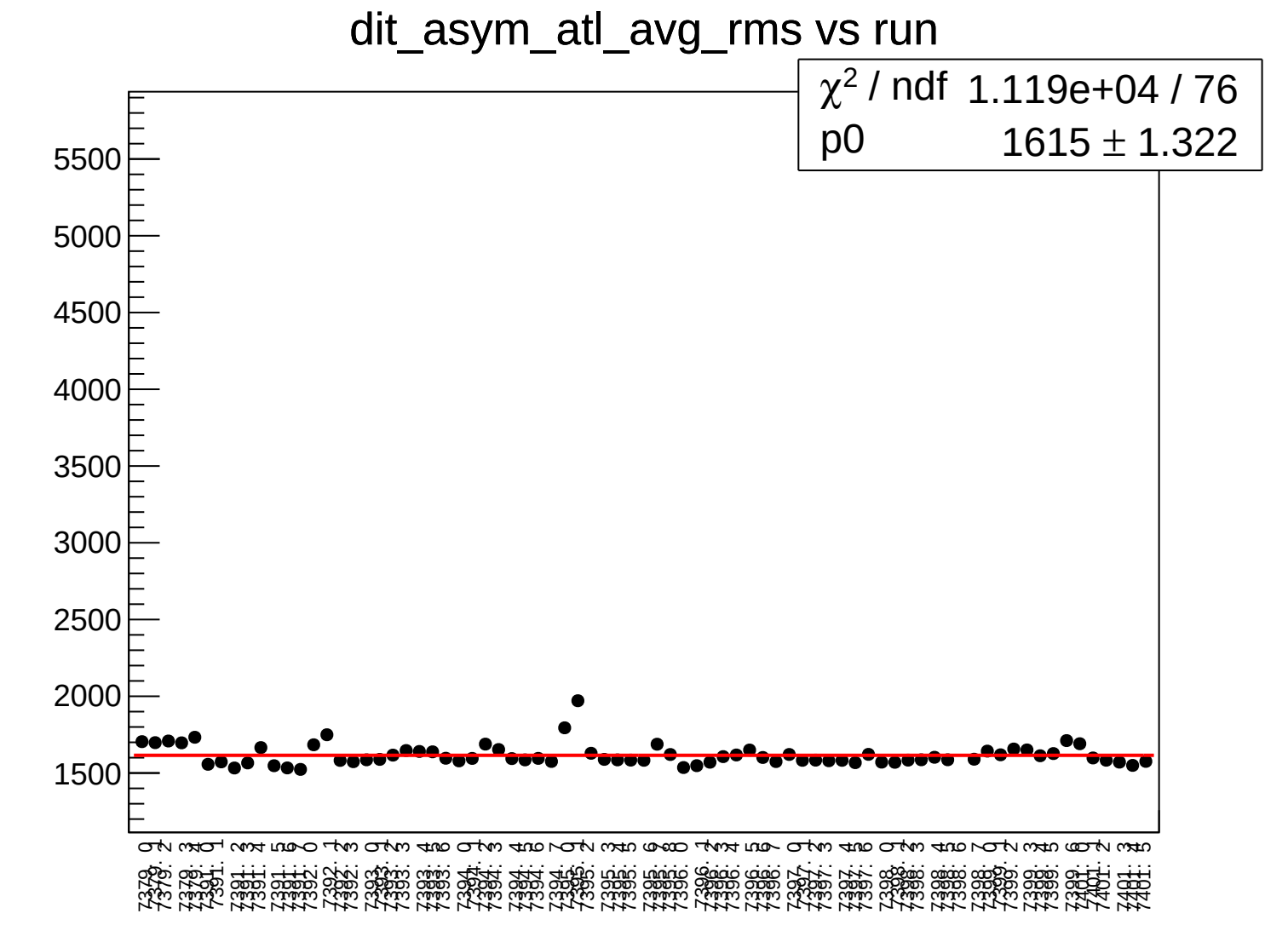

asym_at2_dd_mean vs run
χ² / ndf 66.76 / 76
p0 −483.6 ± 2154
pull
Entries 77
Mean −224.1
Std Dev 286.8

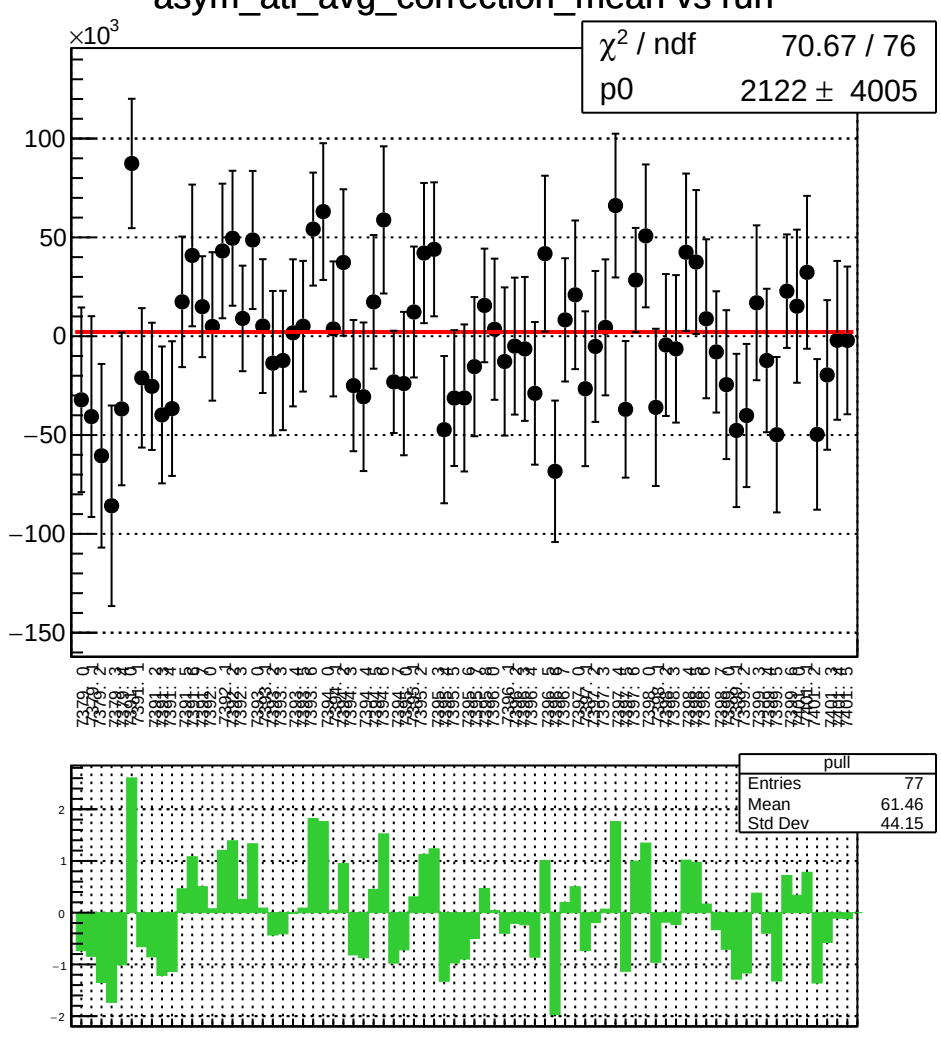

pull1D
Entries 77
Mean −0.00706
Std Dev 0.9311

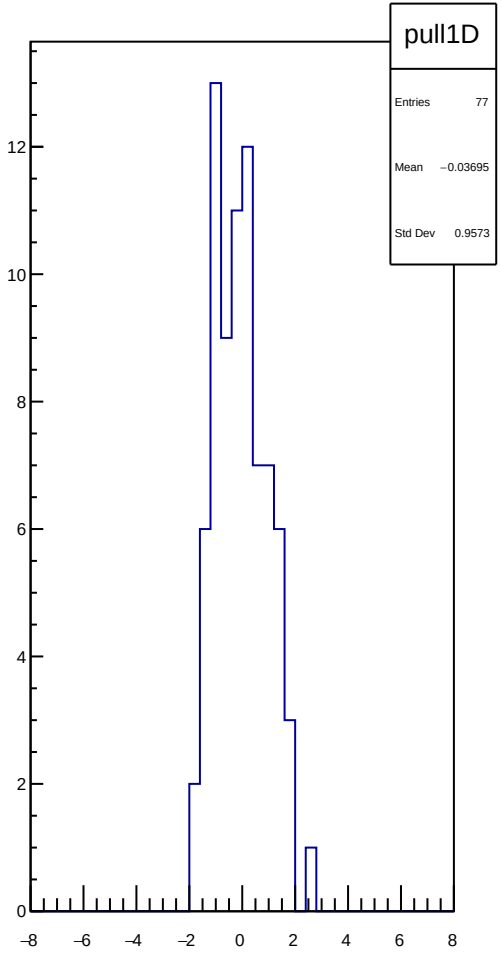

asym_at2_dd_rms vs run
χ^2 / ndf 9604 / 76
p0 1863 ± 1.523
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

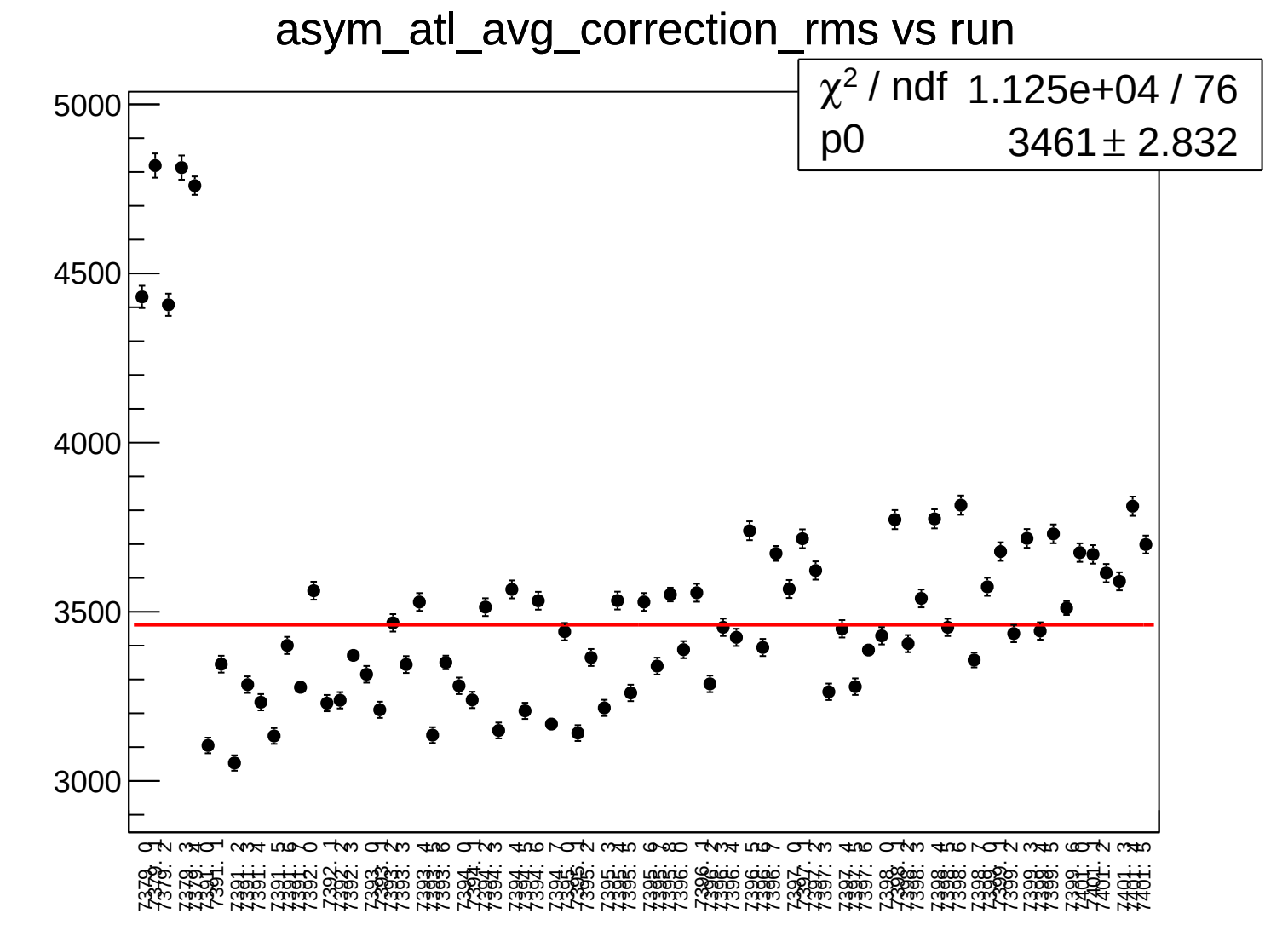

dit_asym_atl_avg_mean vs run
×10^3
χ² / ndf 76.38 / 76
p0 −3413 ± 1869
50
0
−50
−100
−150
pull
Entries 77
Mean −106.3
Std Dev 140.3
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

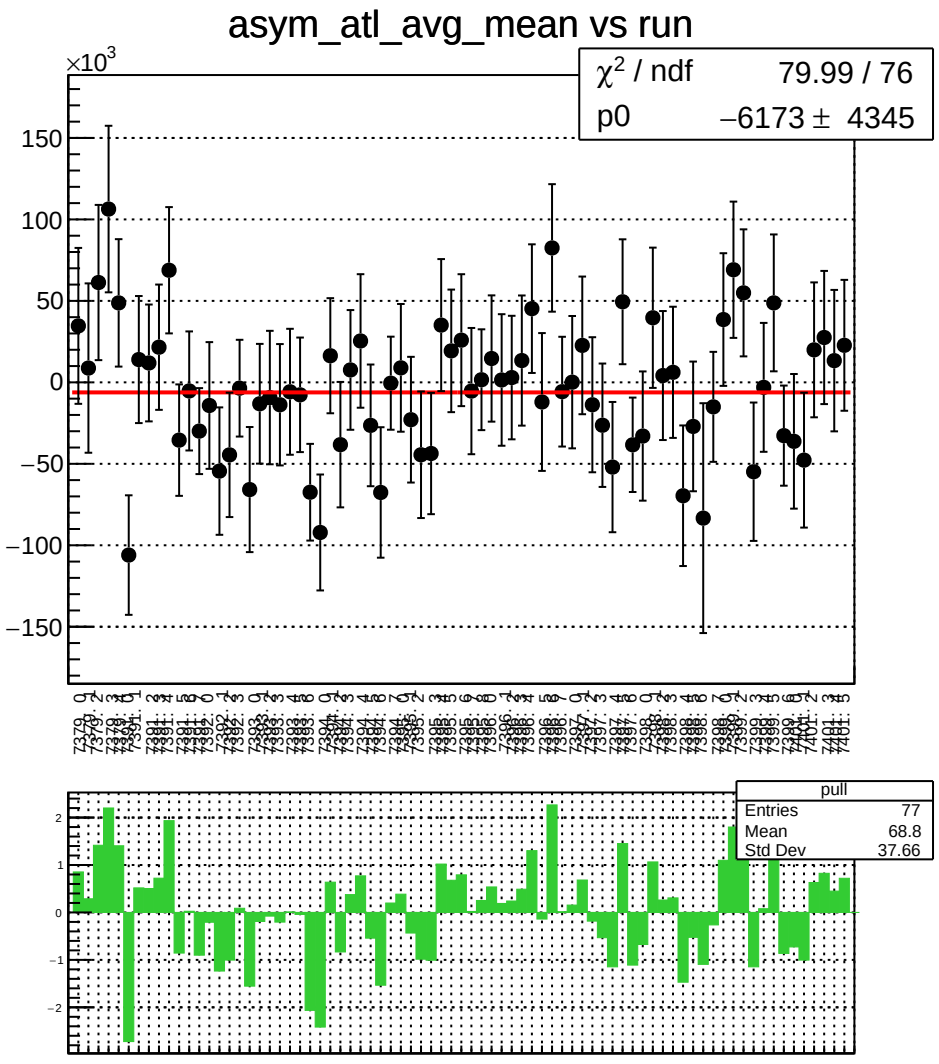

pull1D
Entries 77
Mean −0.008702
Std Dev 0.9959
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

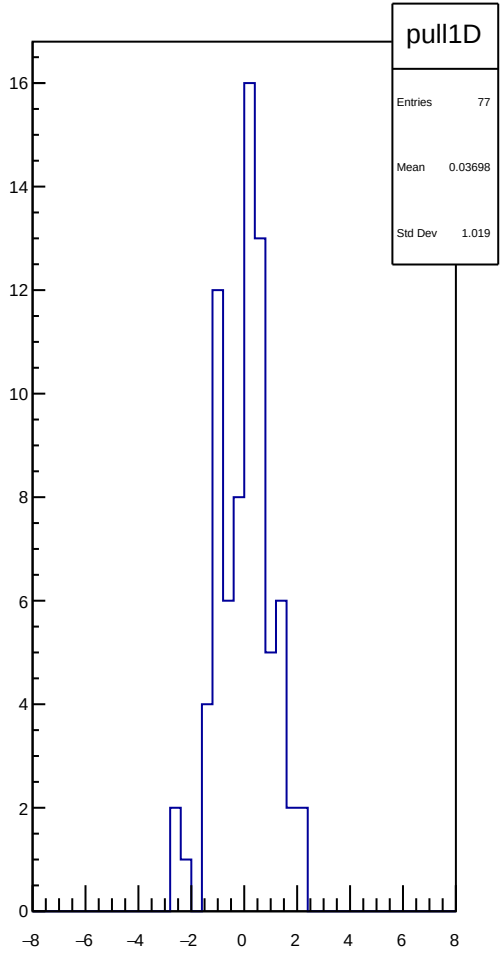

dit_asym_atl_avg_rms vs run
χ^2 / ndf 1.119e+04 / 76
p0 1615 ± 1.322
5500
5000
4500
4000
3500
3000
2500
2000
1500

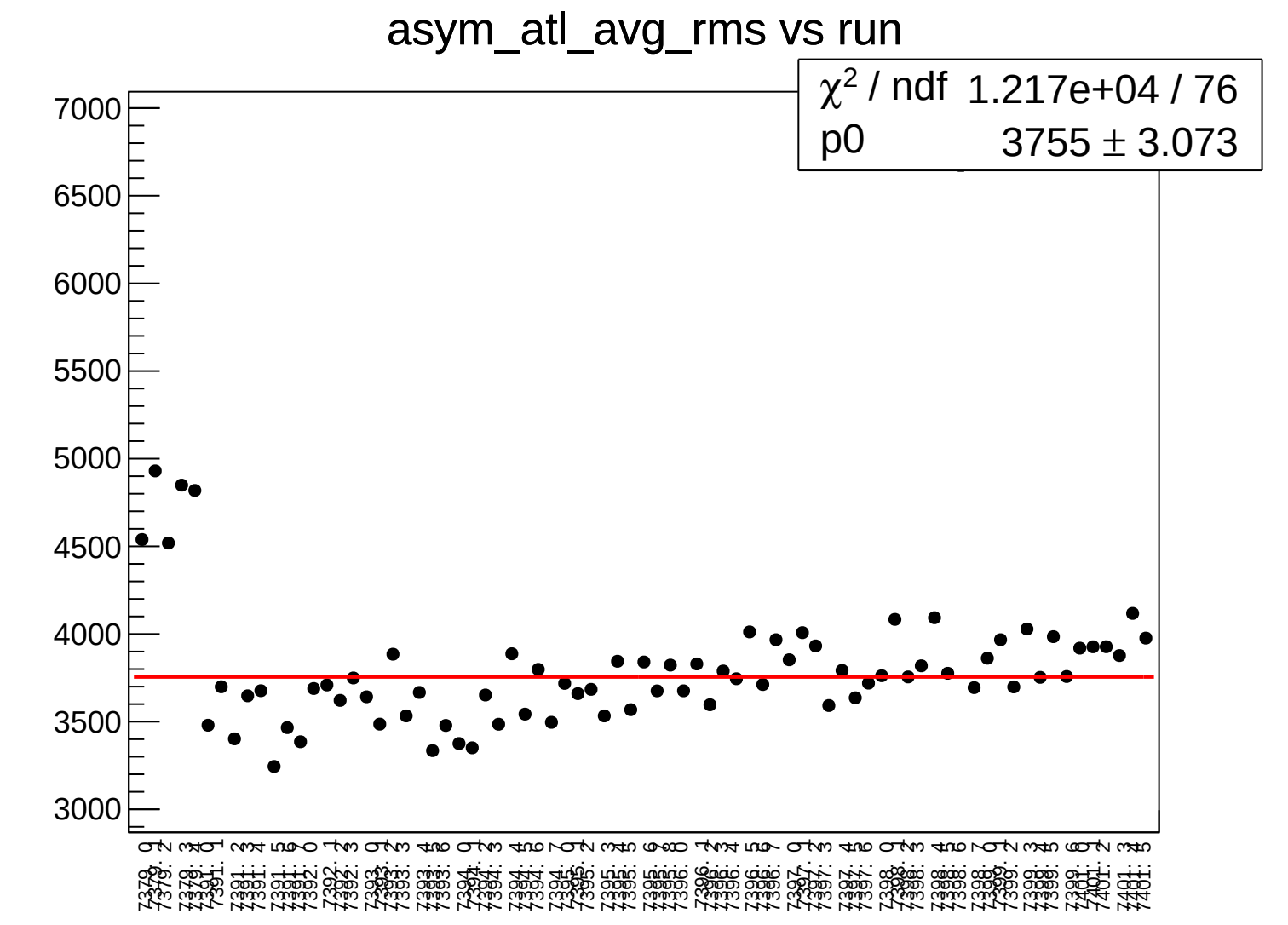

asym_atl_avg_correction_mean vs run
×10^3
χ² / ndf 70.67 / 76
p0 2122 ± 4005
pull
Entries 77
Mean 61.46
Std Dev 44.15

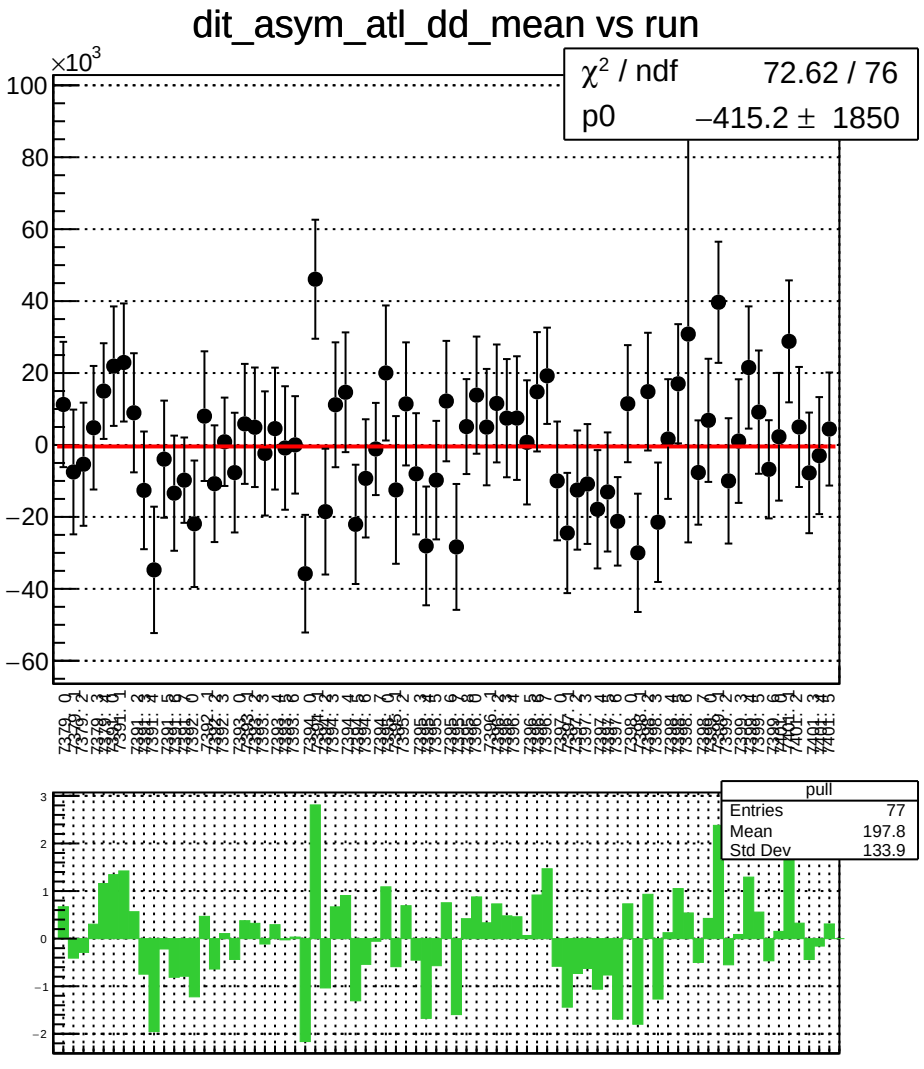

pull1D
Entries 77
Mean −0.03695
Std Dev 0.9573

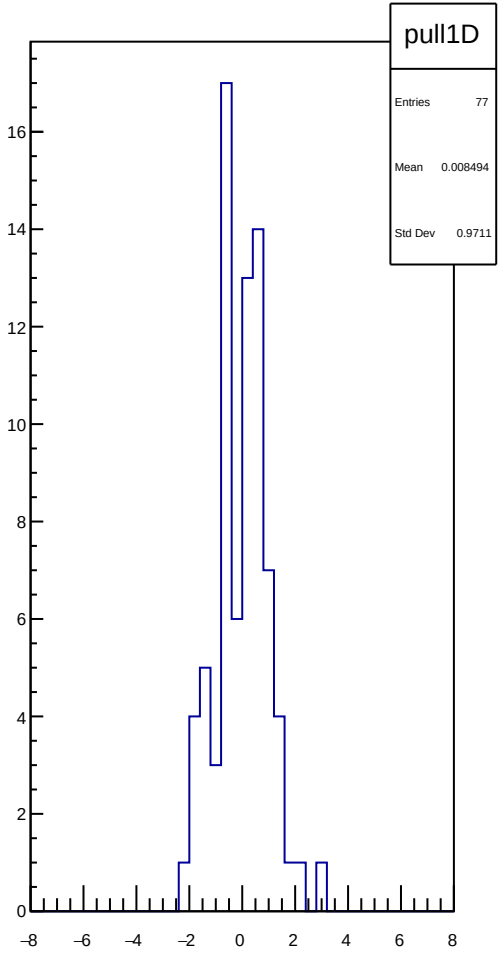

asym_atl_avg_correction_rms vs run
χ² / ndf 1.125e+04 / 76
p0 3461 ± 2.832
5000
4500
4000
3500
3000

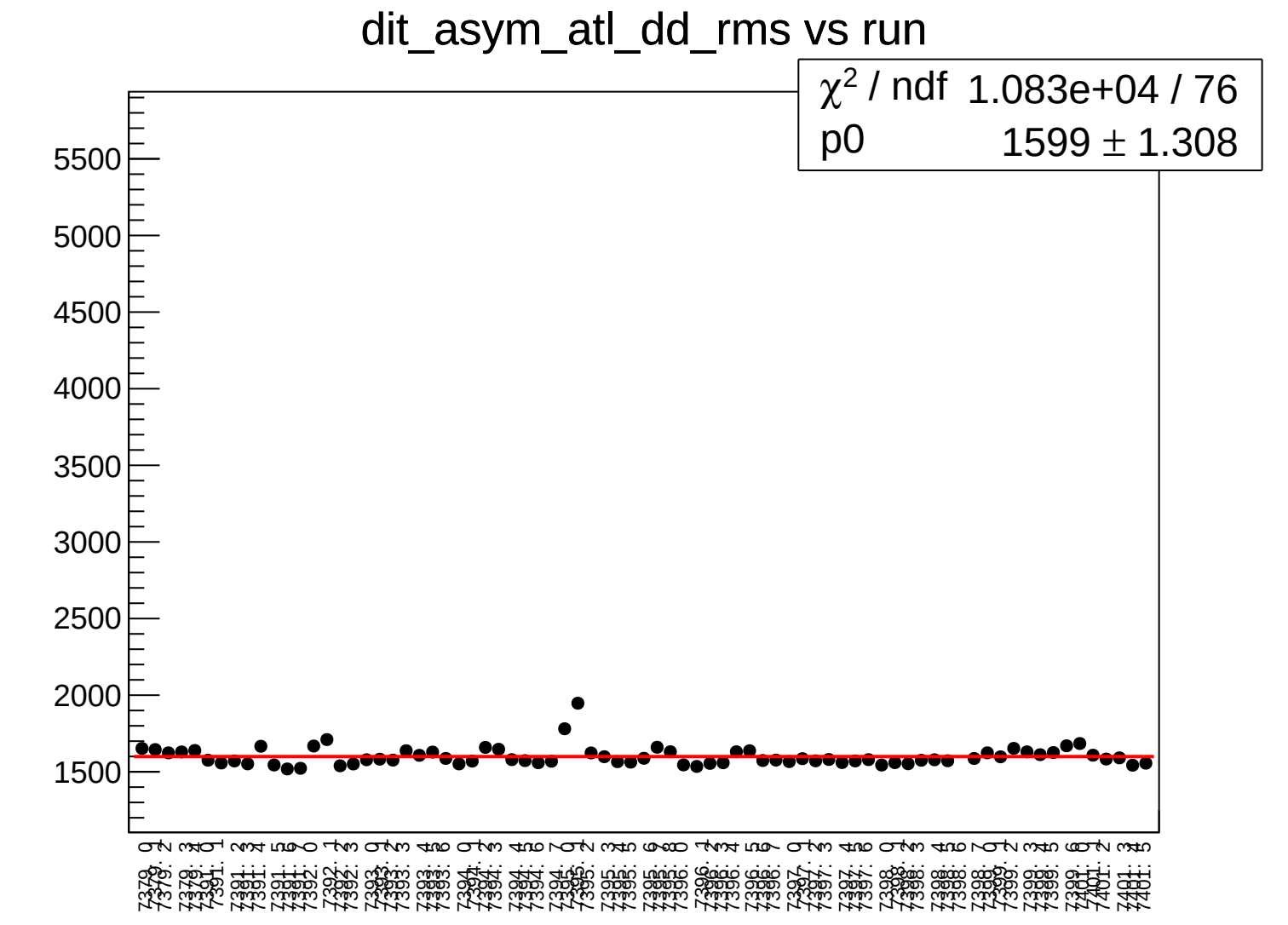

asym_atl_avg_mean vs run
×10^3
χ² / ndf 79.99 / 76
p0 −6173 ± 4345
150
100
50
0
−50
−100
−150
pull
Entries 77
Mean 68.8
Std Dev 37.66
2
1
0
−1
−2

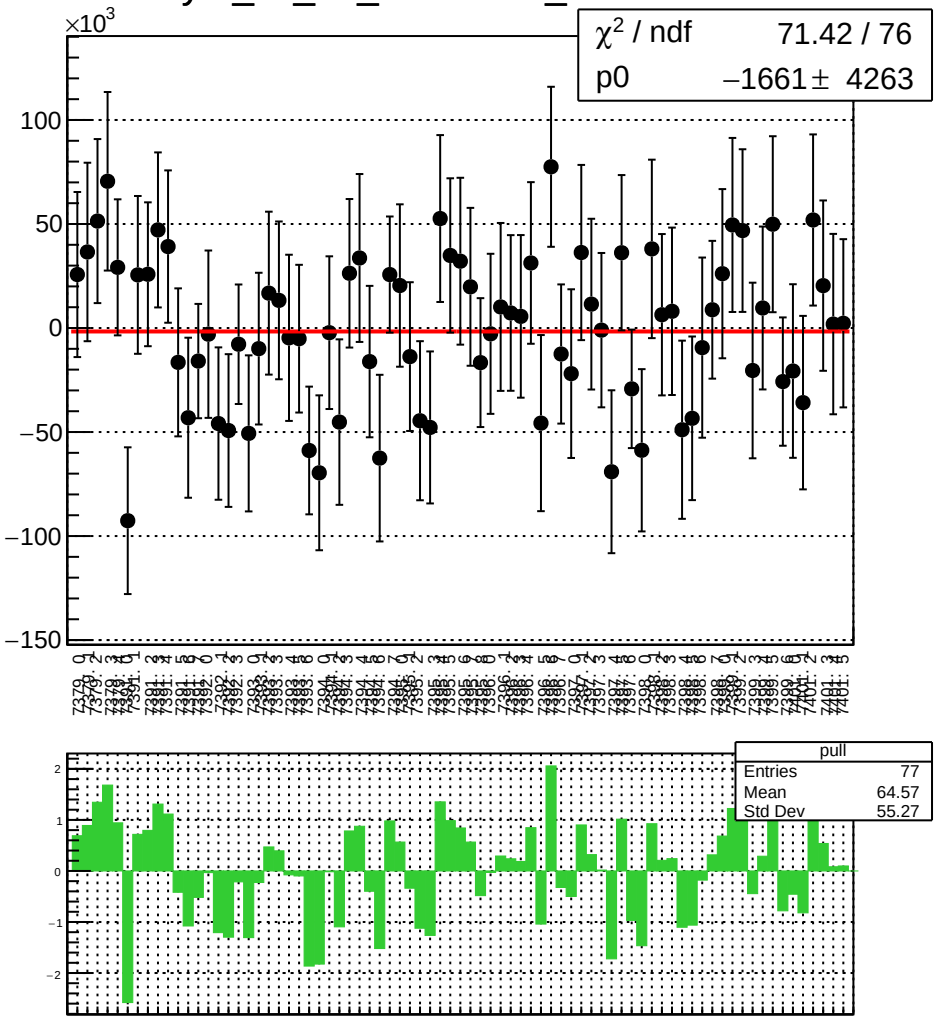

pull1D
Entries 77
Mean 0.03698
Std Dev 1.019
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

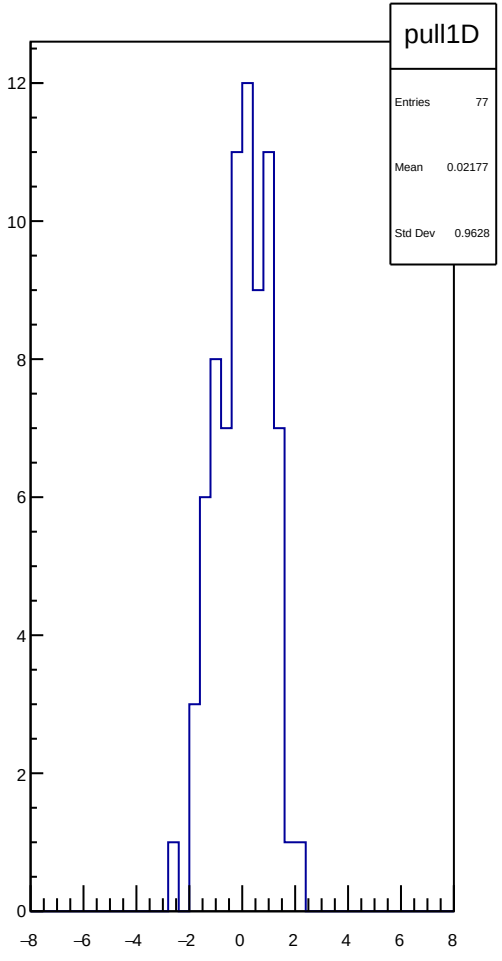

asym_atl_avg_rms vs run
χ^2 / ndf 1.217e+04 / 76
p0 3755 ± 3.073
7000
6500
6000
5500
5000
4500
4000
3500
3000

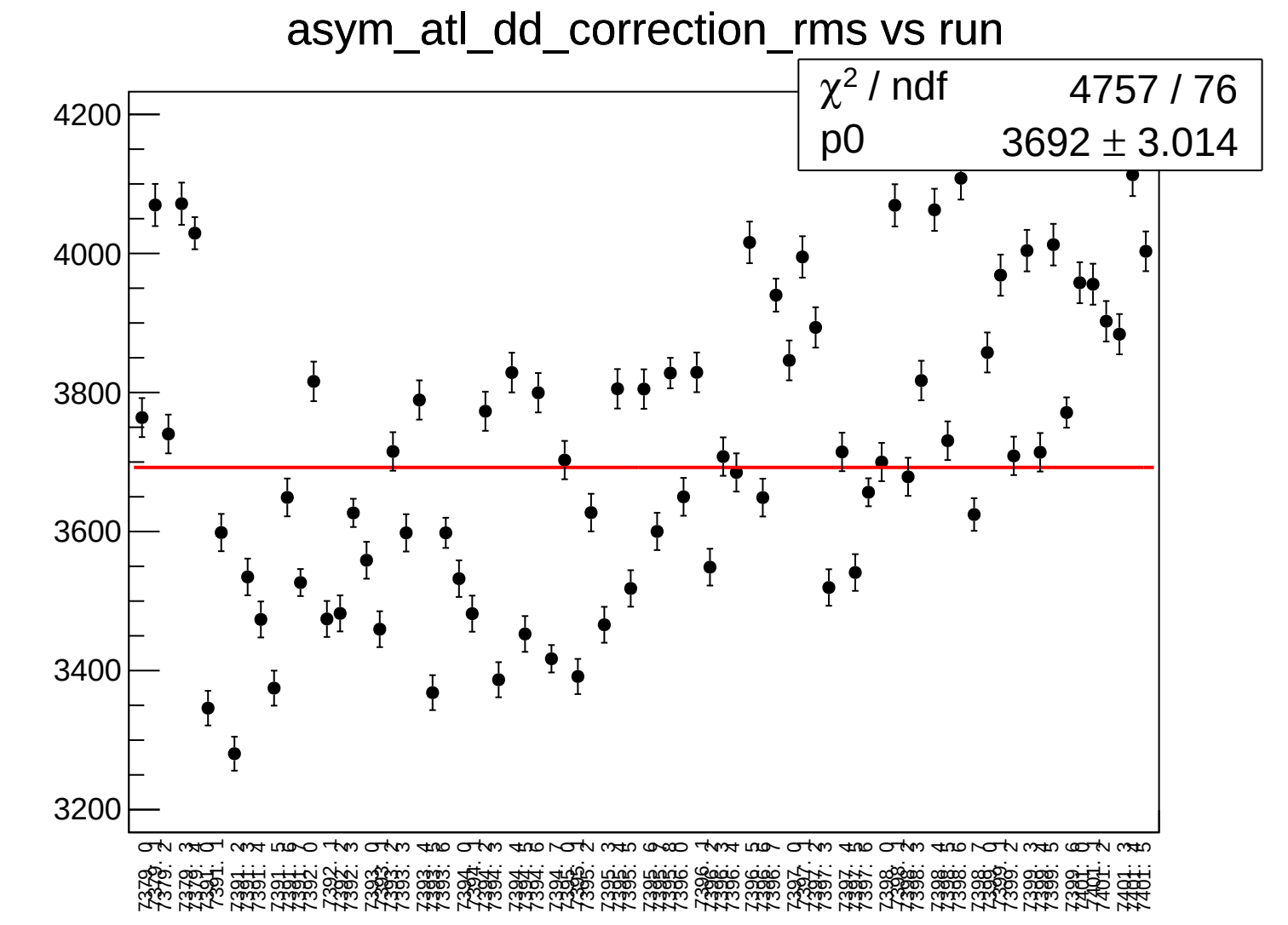

dit_asym_atl_dd_mean vs run
×10^3
χ² / ndf 72.62 / 76
p0 −415.2 ± 1850
pull
Entries 77
Mean 197.8
Std Dev 133.9

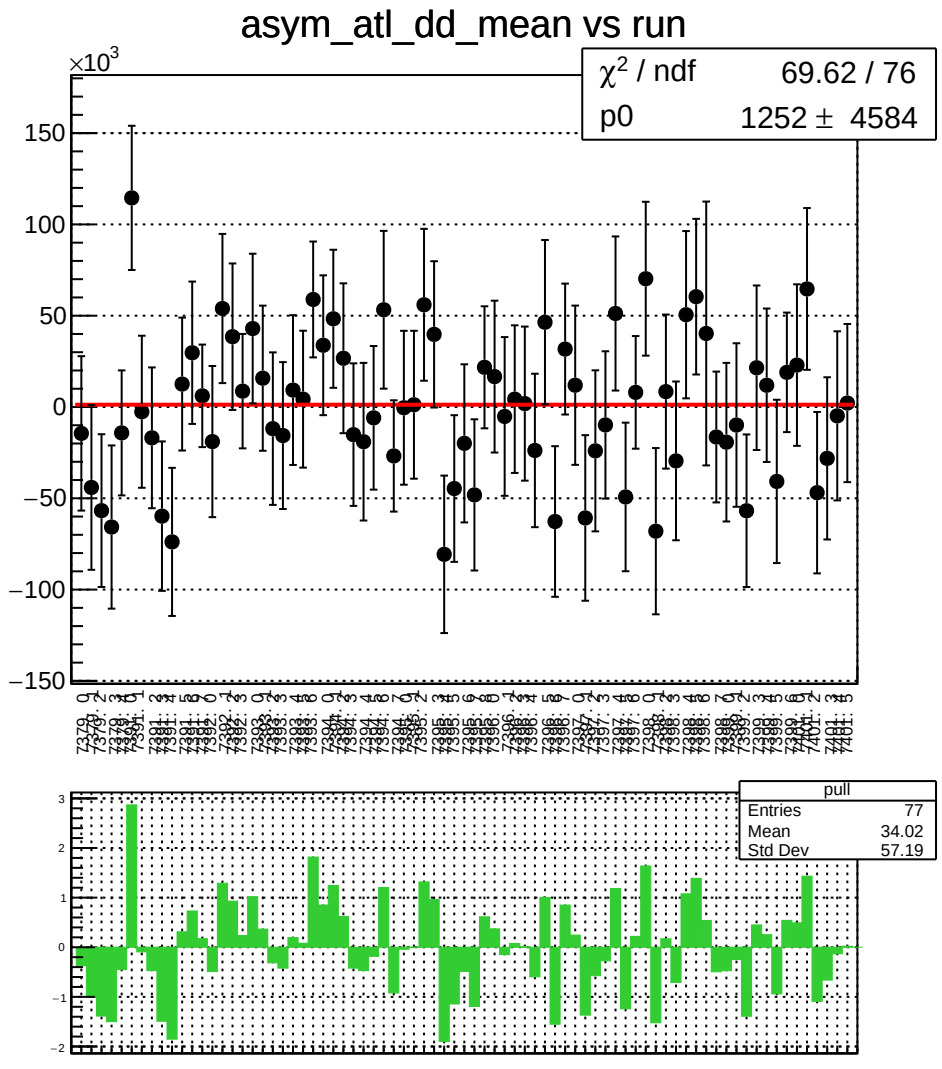

pull1D
Entries 77
Mean 0.008494
Std Dev 0.9711

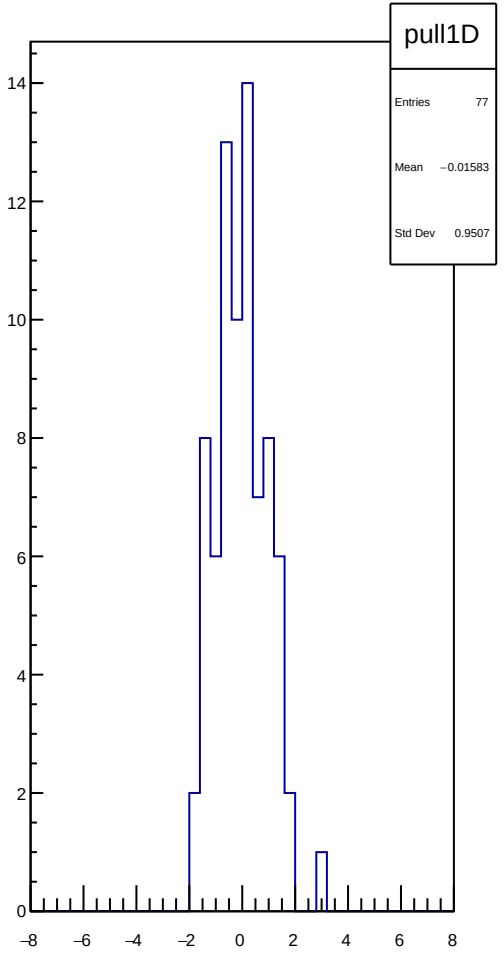

dit_asym_atl_dd_rms vs run
χ^2 / ndf 1.083e+04 / 76
p0 1599 ± 1.308
5500
5000
4500
4000
3500
3000
2500
2000
1500

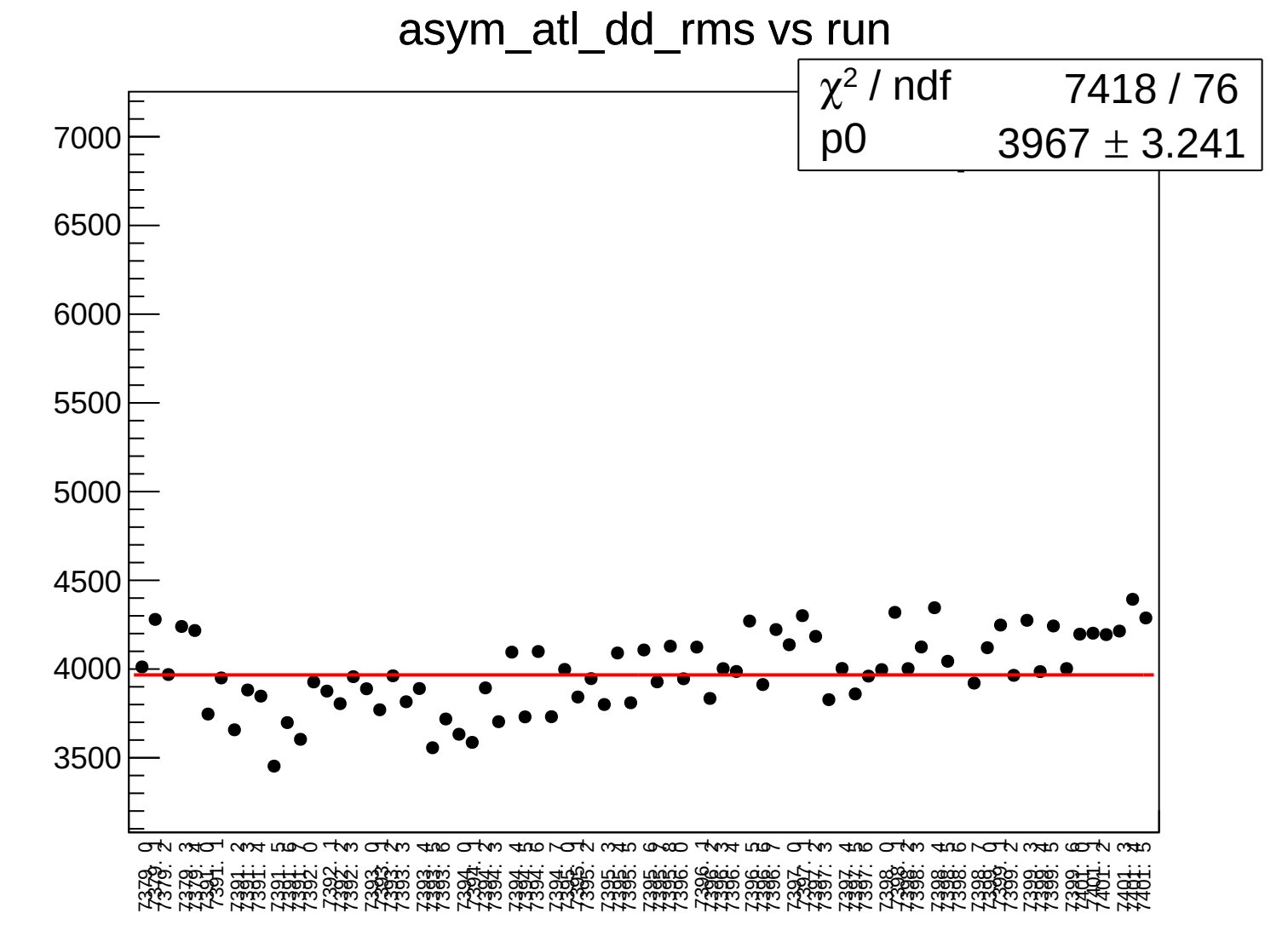

asym_atl_dd_correction_mean vs run
×10^3
χ^2 / ndf 71.42 / 76
p0 −1661 ± 4263
100
50
0
−50
−100
−150
pull
Entries 77
Mean 64.57
Std Dev 55.27
2
1
0
−1
−2

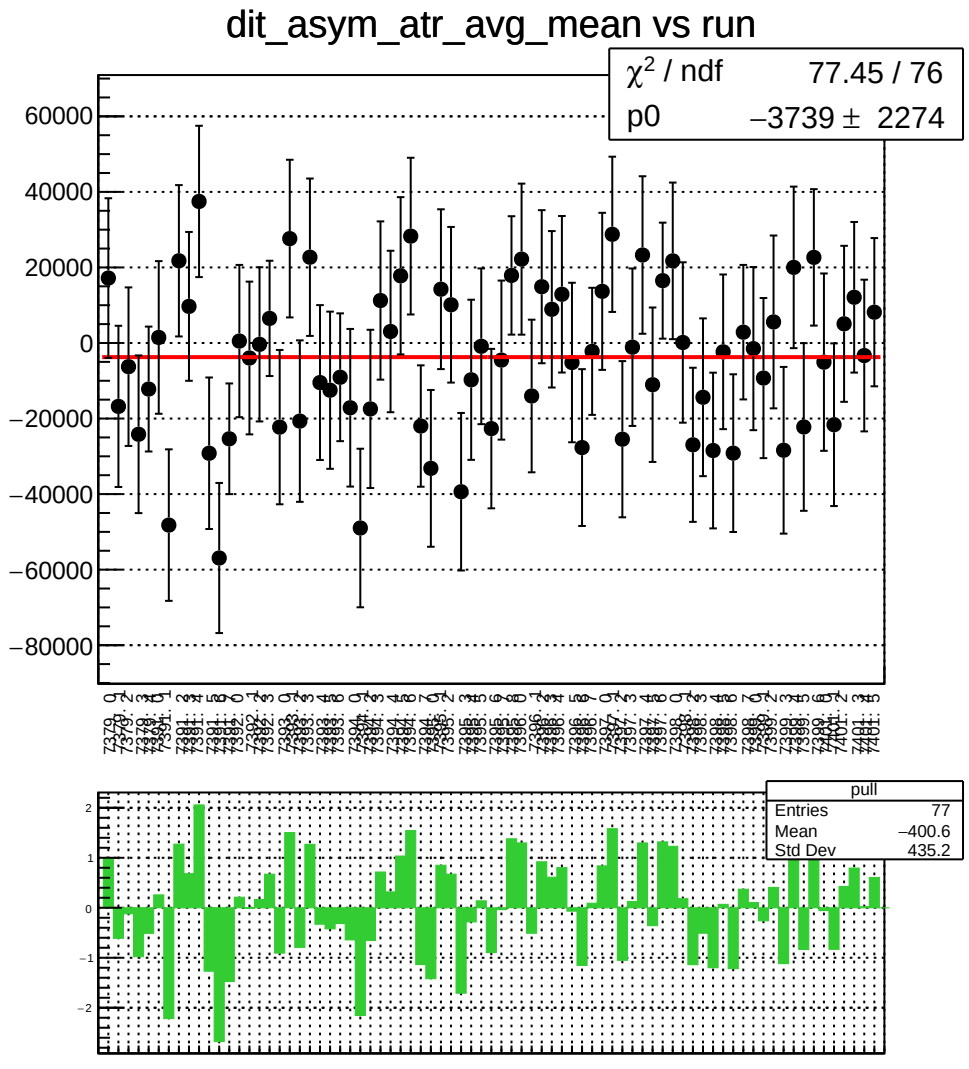

pull1D
Entries 77
Mean 0.02177
Std Dev 0.9628
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

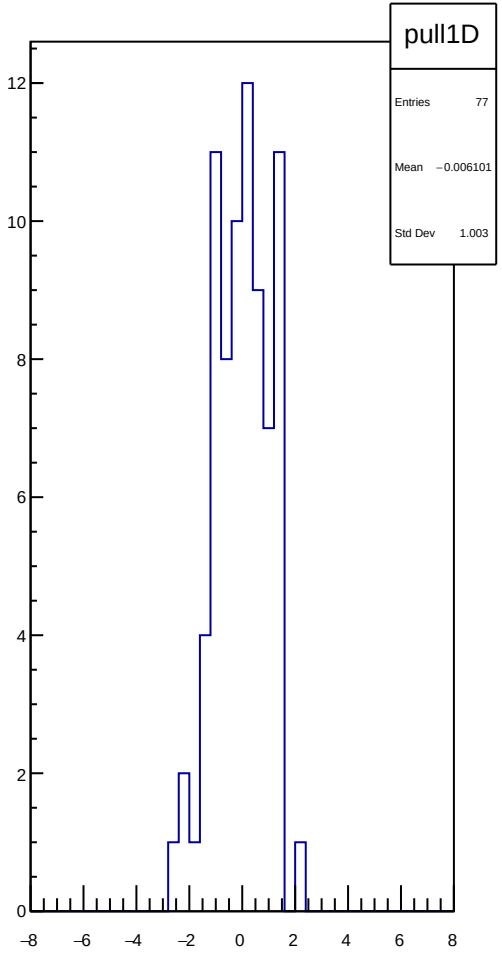

asym_atl_dd_correction_rms vs run
χ² / ndf 4757 / 76
p0 3692 ± 3.014
4200
4000
3800
3600
3400
3200

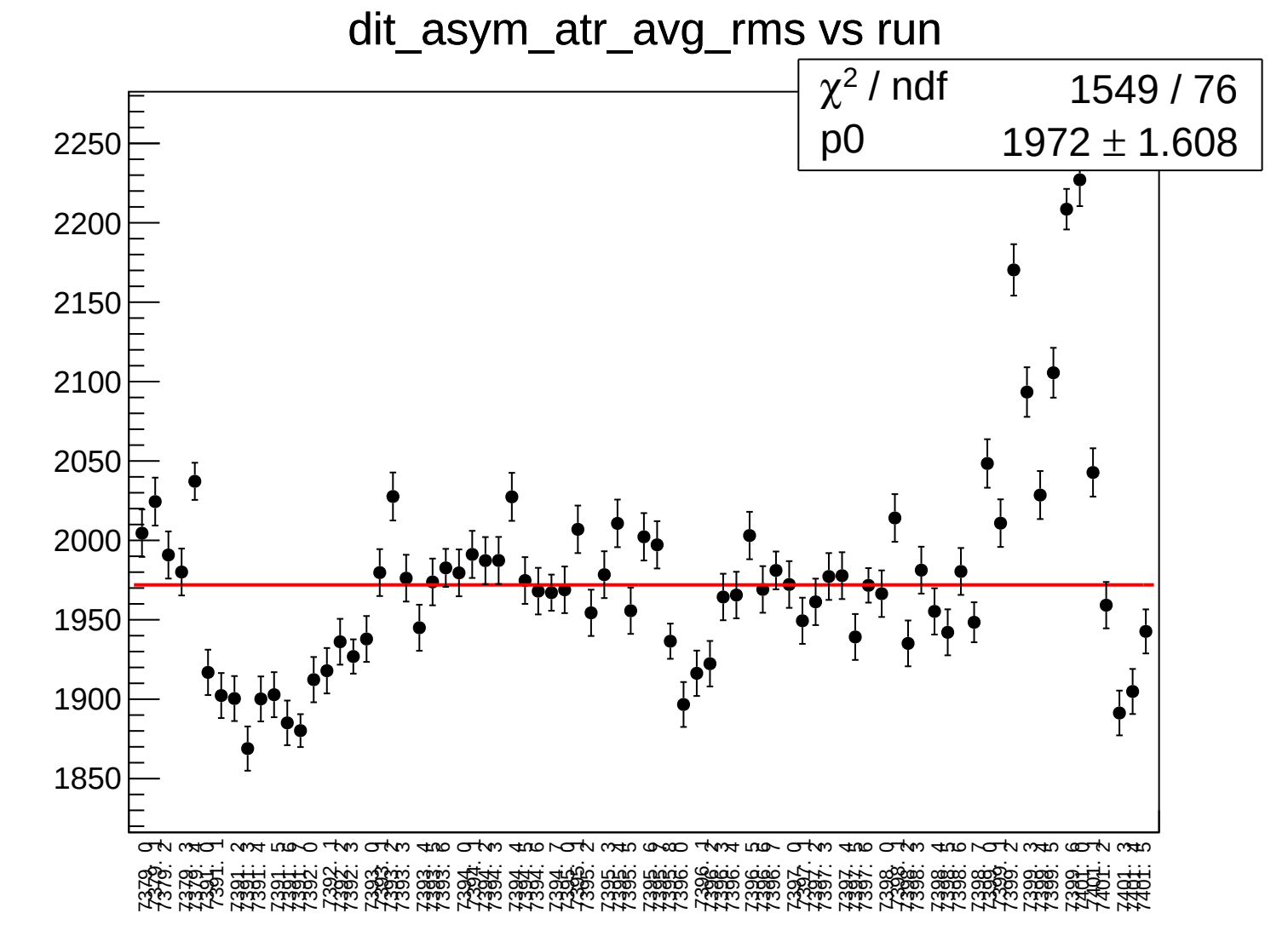

asym_atl_dd_mean vs run
×10^3
χ² / ndf 69.62 / 76
p0 1252 ± 4584
150
100
50
0
−50
−100
−150
pull
Entries 77
Mean 34.02
Std Dev 57.19
3
2
1
0
−1
−2

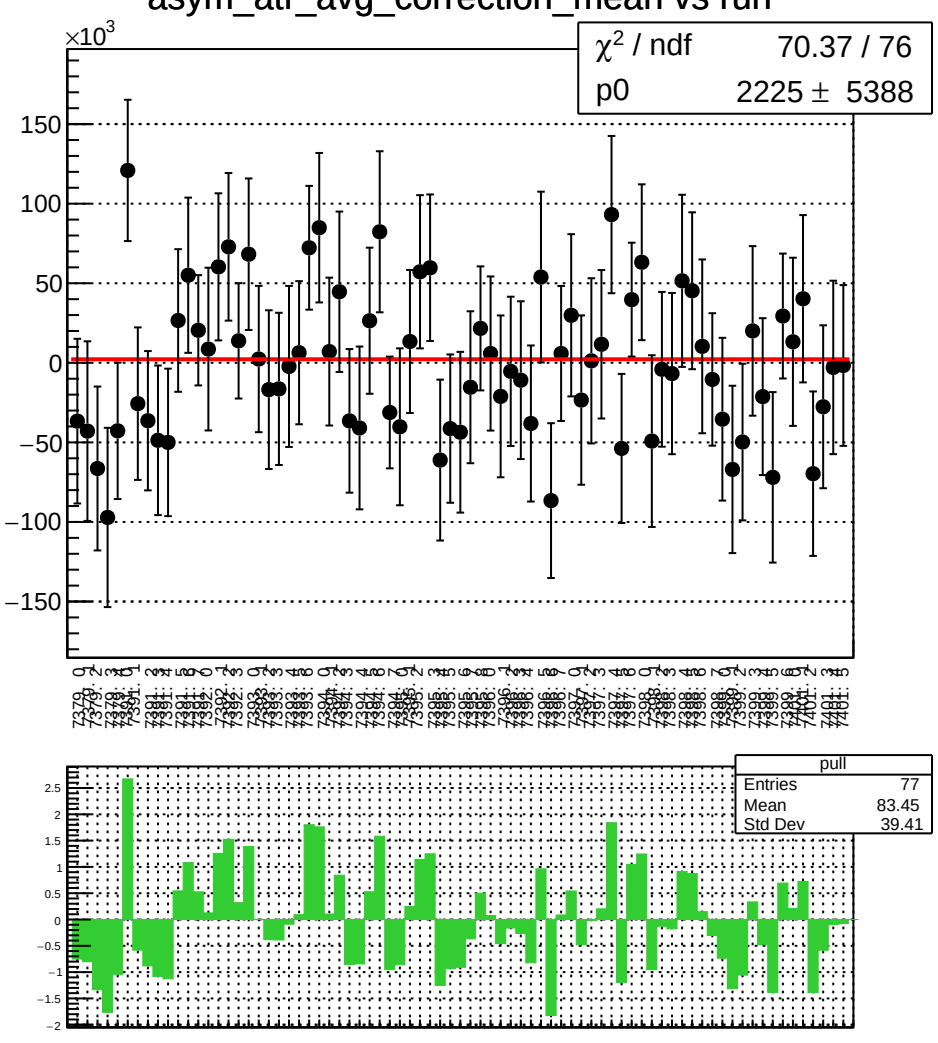

pull1D
Entries 77
Mean −0.01583
Std Dev 0.9507
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

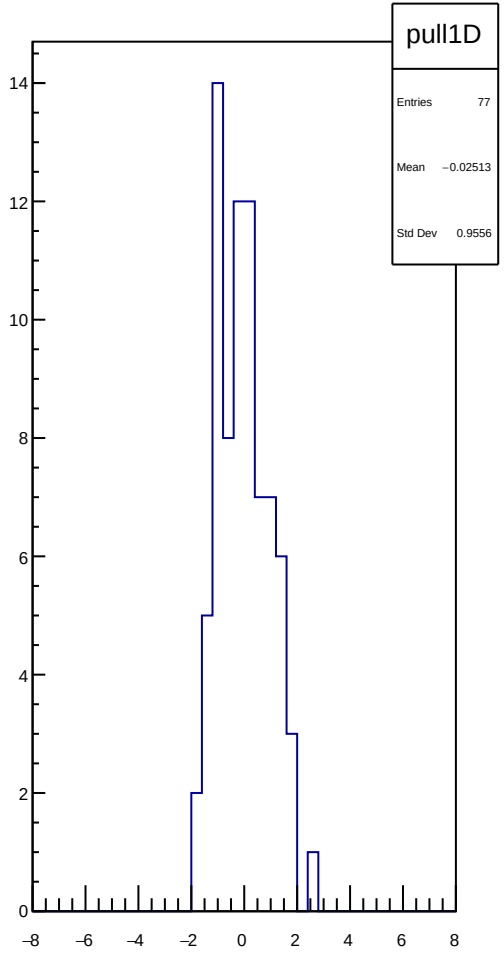

asym_atl_dd_rms vs run
χ^2 / ndf 7418 / 76
p0 3967 ± 3.241
7000
6500
6000
5500
5000
4500
4000
3500

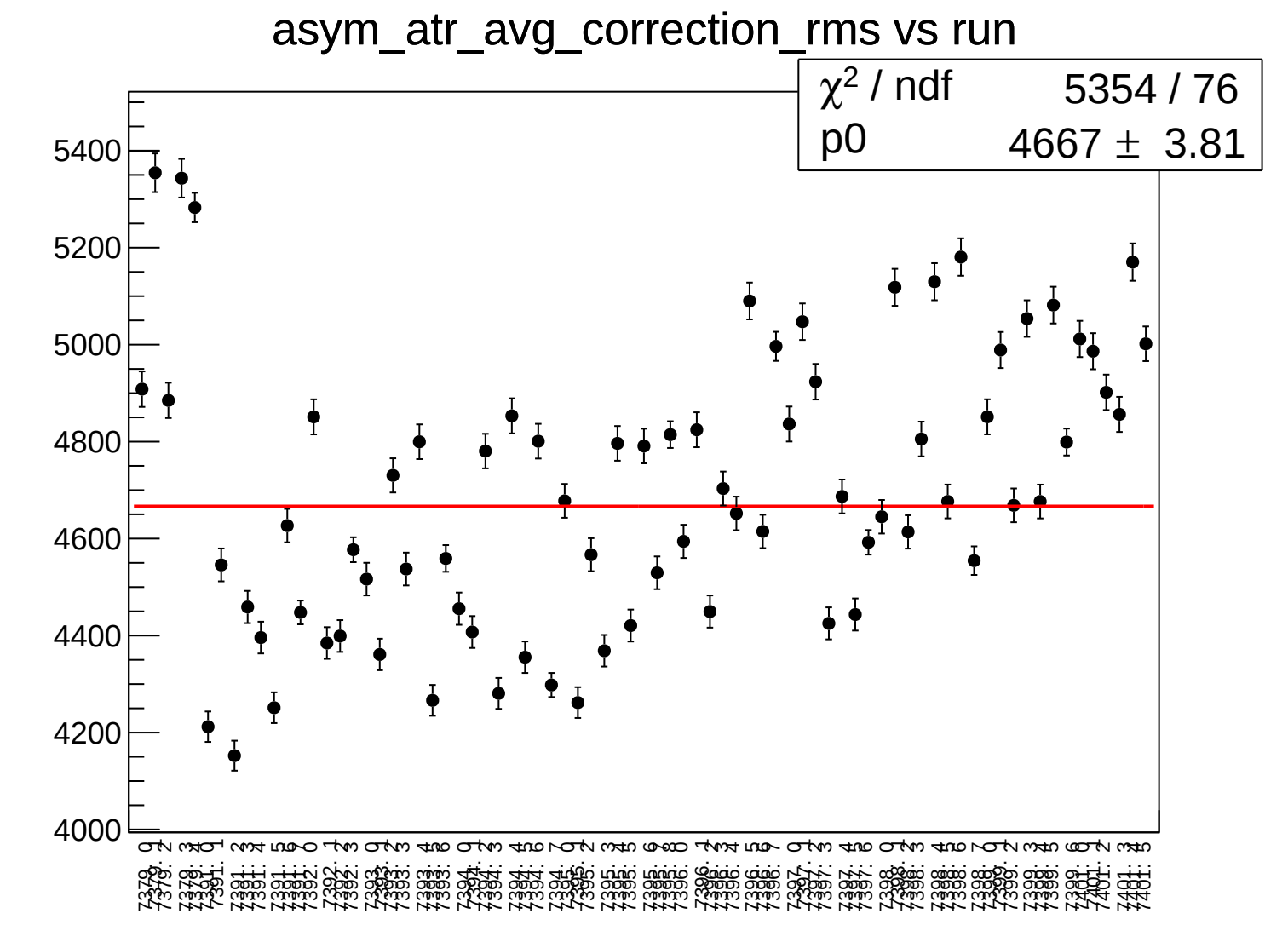

dit_asym_atr_avg_mean vs run
χ² / ndf 77.45 / 76
p0 −3739 ± 2274
pull
Entries 77
Mean −400.6
Std Dev 435.2

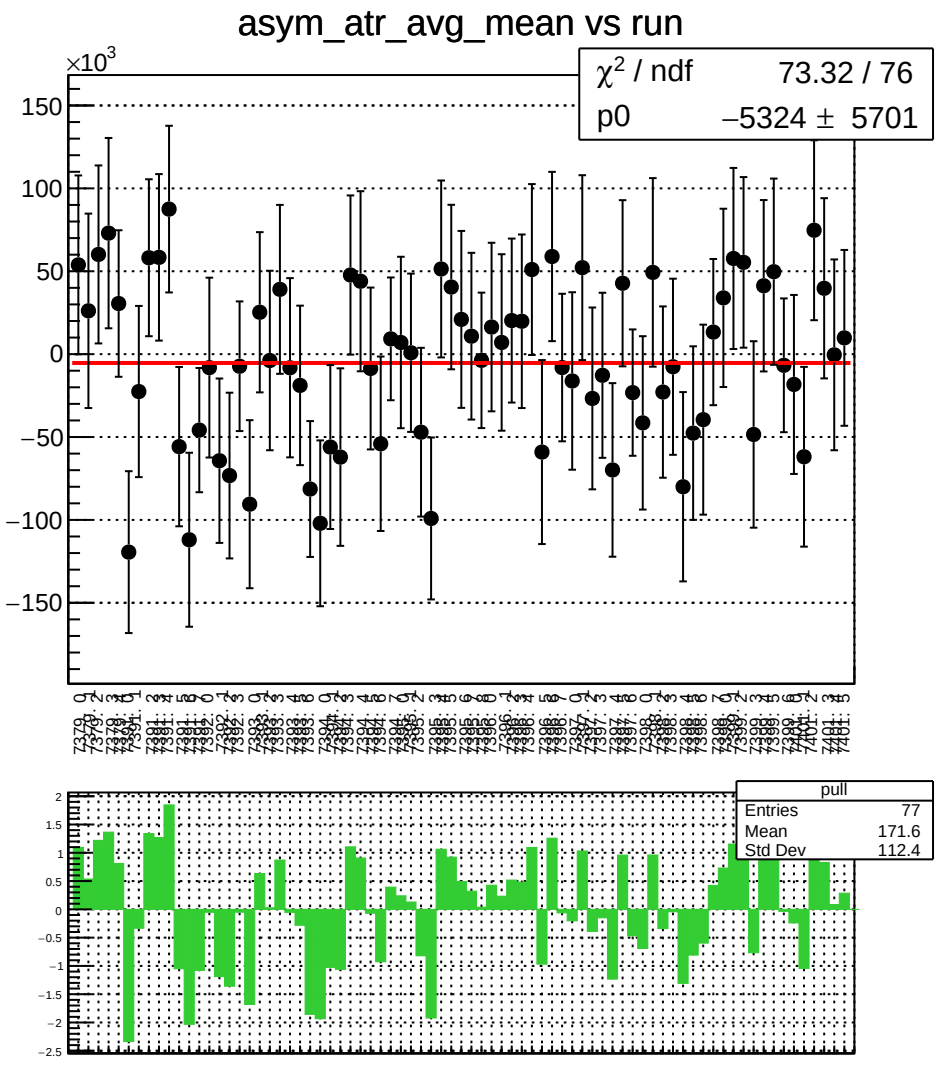

pull1D
Entries 77
Mean −0.006101
Std Dev 1.003

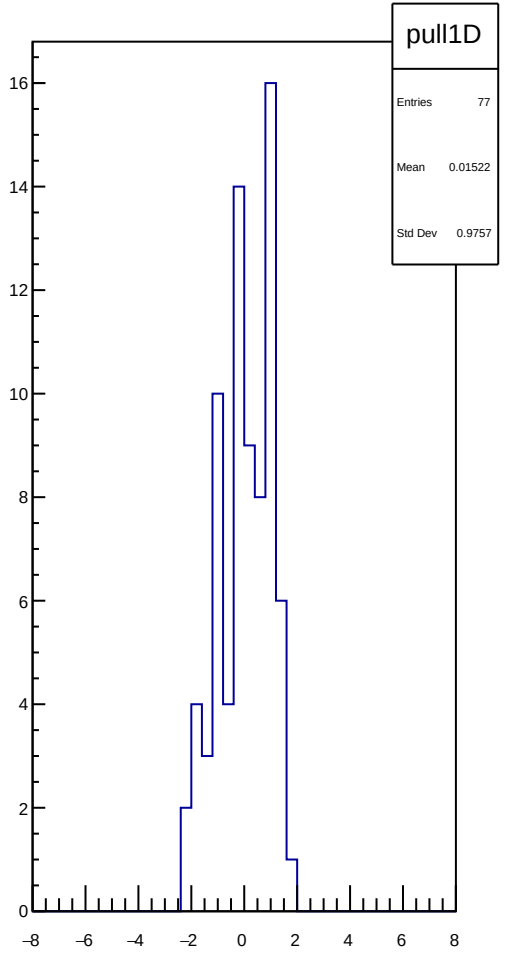

dit_asym_atr_avg_rms vs run
χ^2 / ndf 1549 / 76
p0 1972 ± 1.608
2250
2200
2150
2100
2050
2000
1950
1900
1850

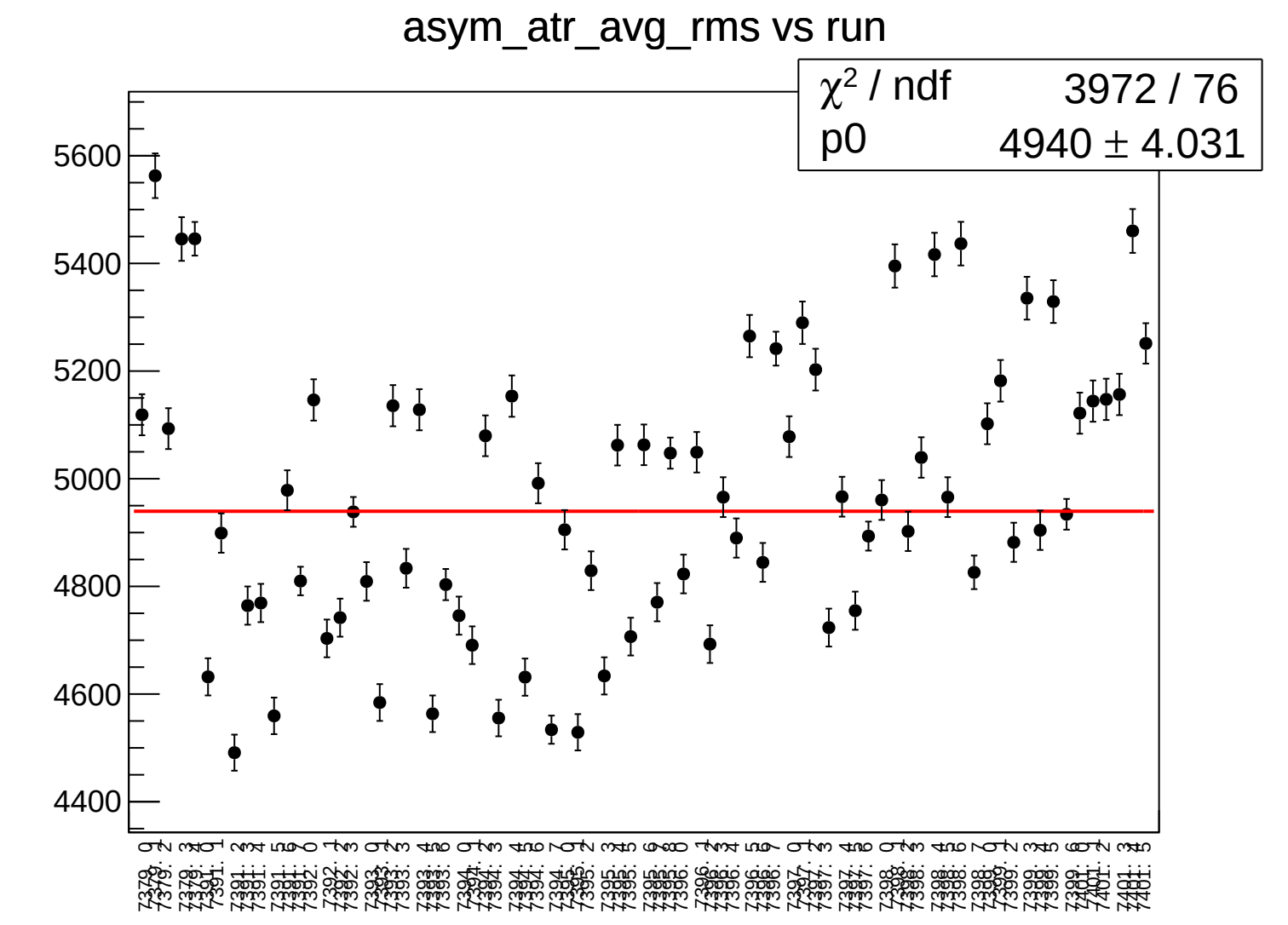

asym_atr_avg_correction_mean vs run
×10^3
χ² / ndf 70.37 / 76
p0 2225 ± 5388
150
100
50
0
−50
−100
−150
pull
Entries 77
Mean 83.45
Std Dev 39.41
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

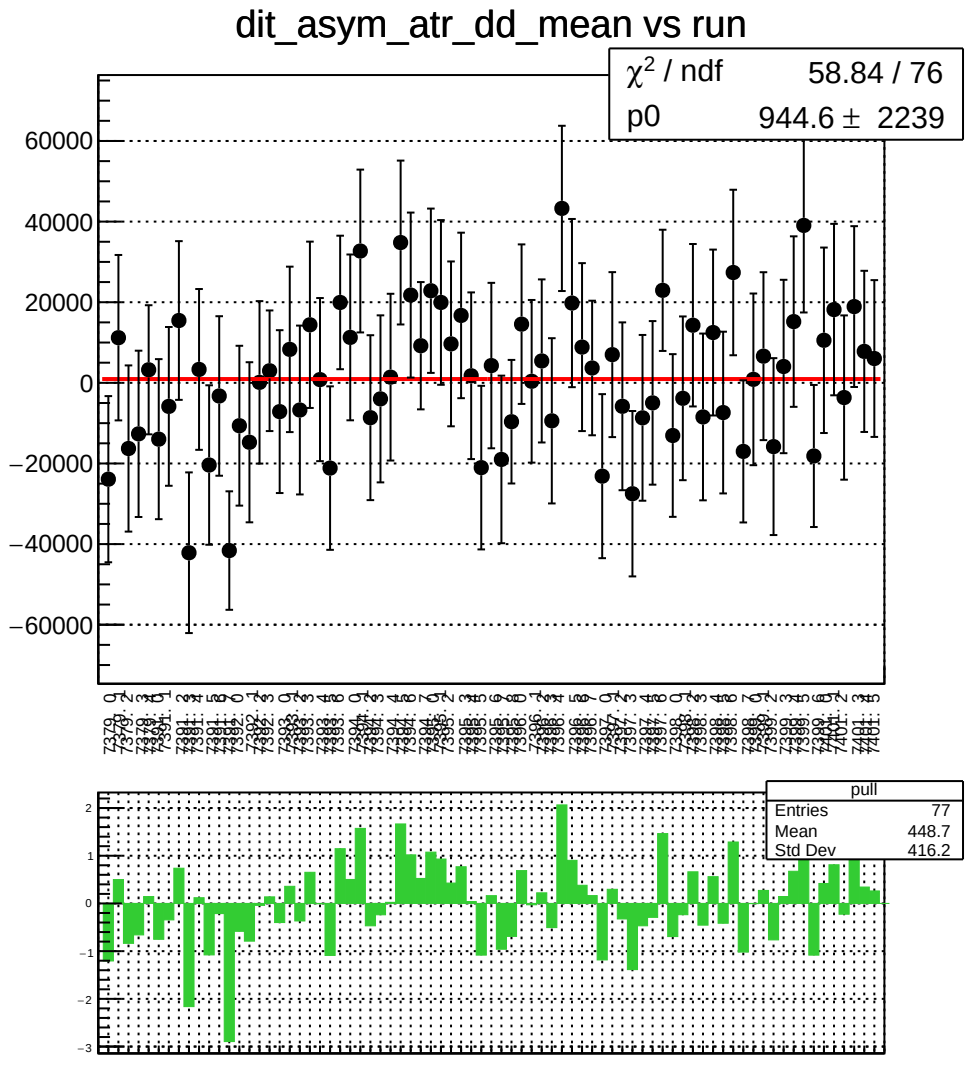

pull1D
Entries 77
Mean −0.02513
Std Dev 0.9556
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

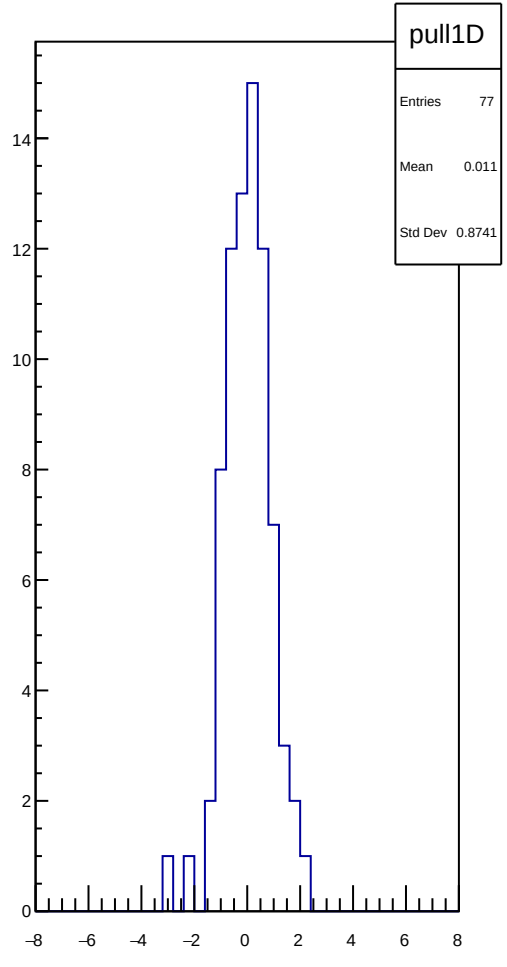

asym_atr_avg_correction_rms vs run
χ² / ndf 5354 / 76
p0 4667 ± 3.81
5400
5200
5000
4800
4600
4400
4200
4000

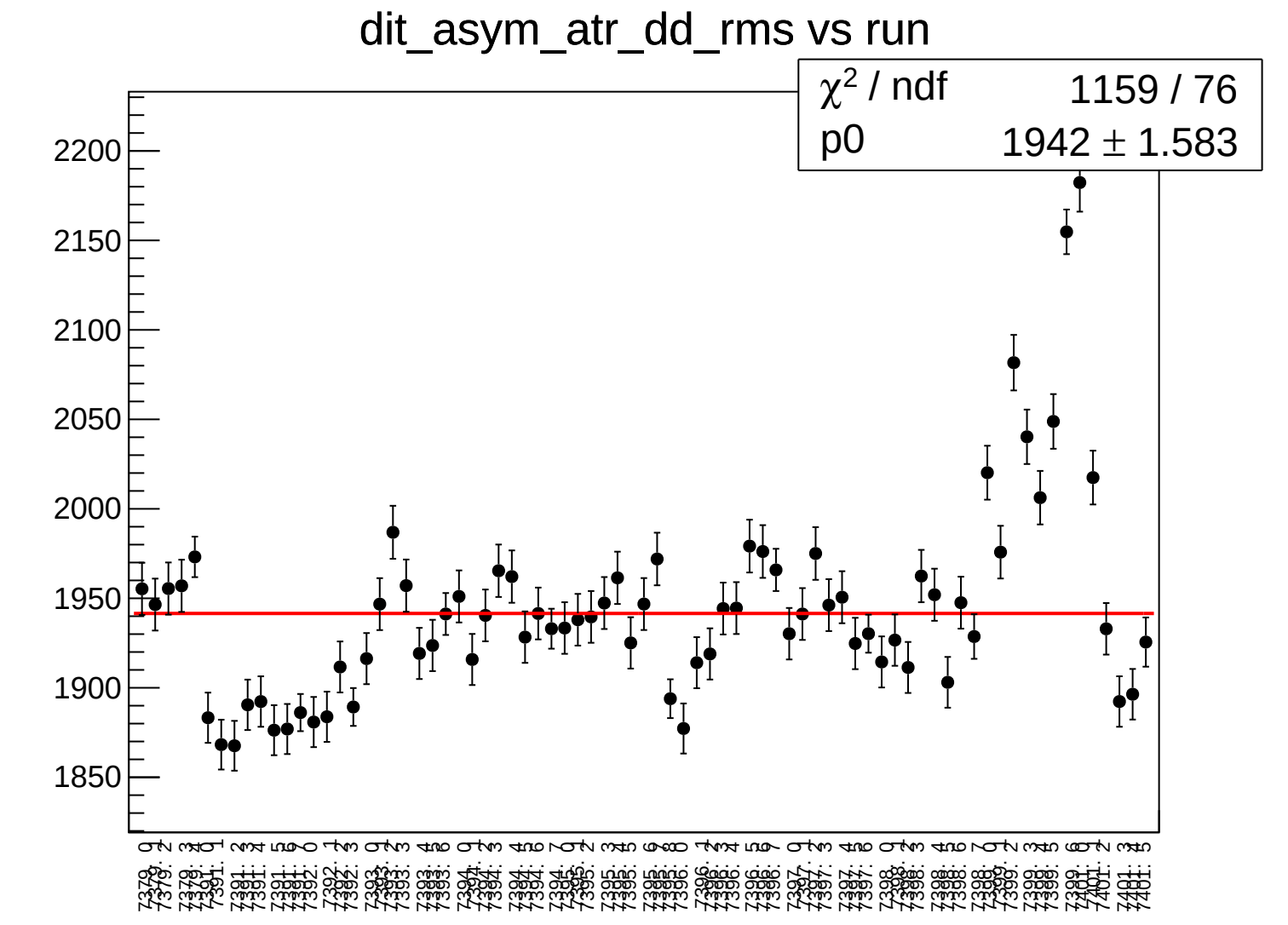

asym_atr_avg_mean vs run
×10^3
χ² / ndf 73.32 / 76
p0 −5324 ± 5701
150
100
50
0
−50
−100
−150
pull
Entries 77
Mean 171.6
Std Dev 112.4
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

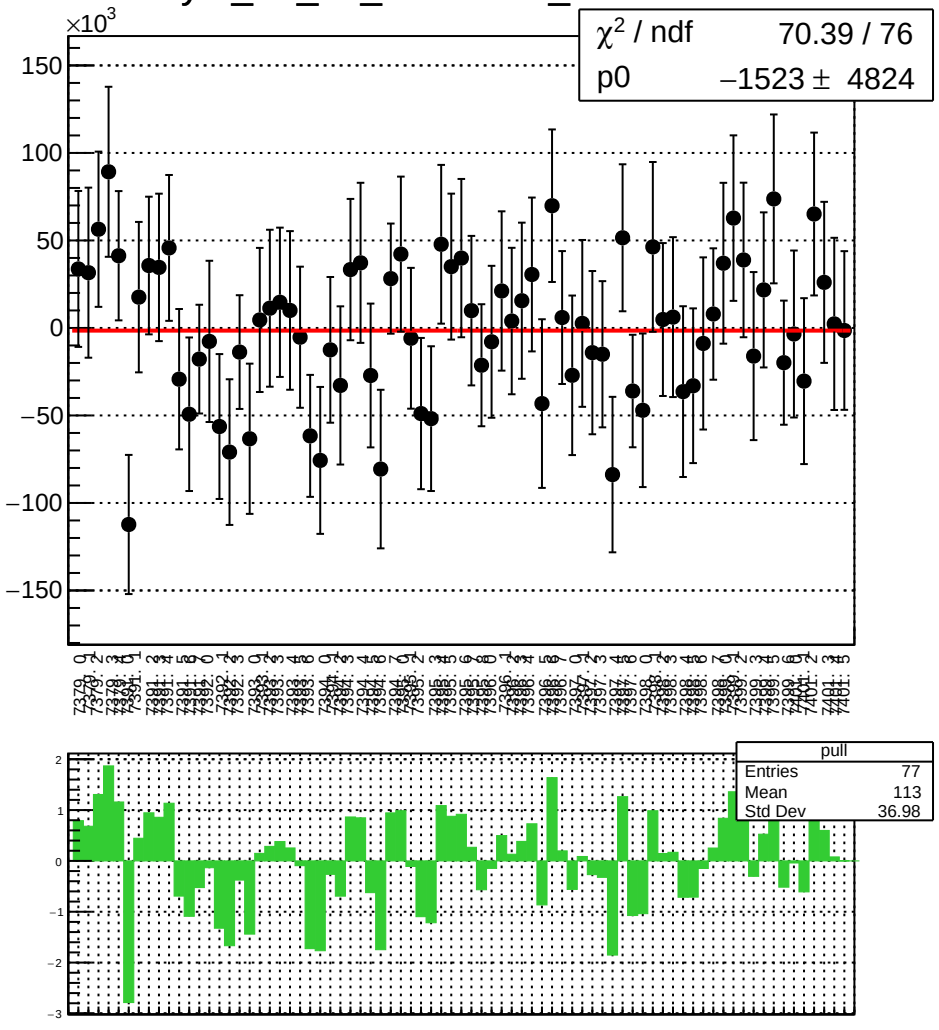

pull1D
Entries 77
Mean 0.01522
Std Dev 0.9757
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

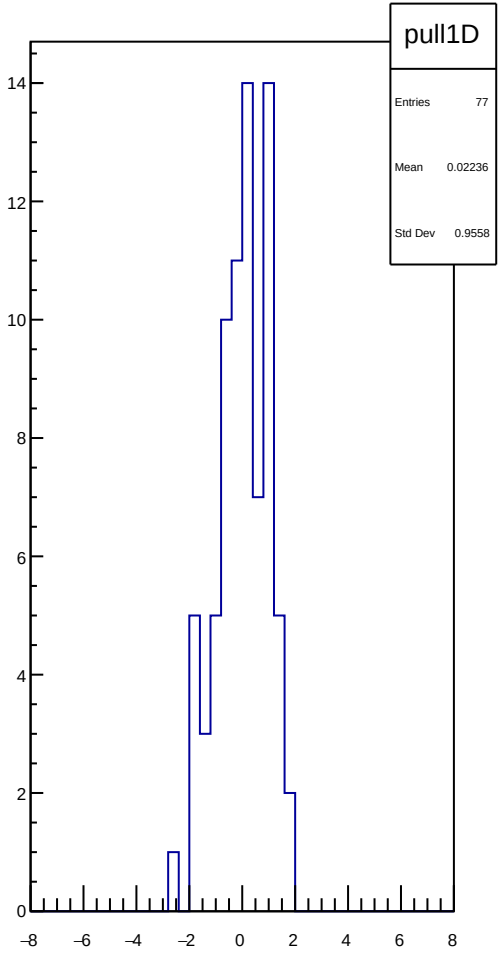

asym_atr_avg_rms vs run
χ² / ndf 3972 / 76
p0 4940 ± 4.031
5600
5400
5200
5000
4800
4600
4400

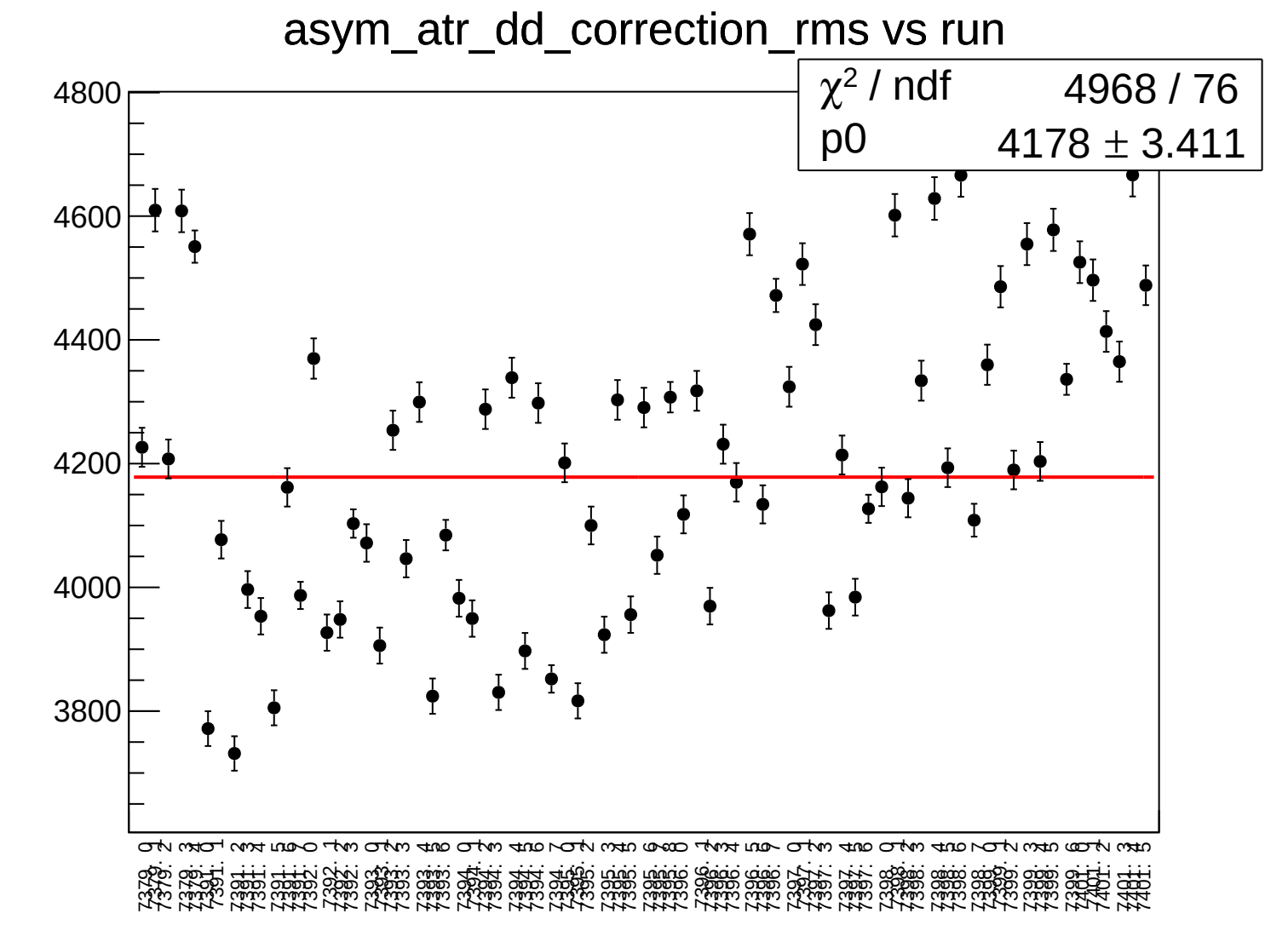

dit_asym_atr_dd_mean vs run
χ² / ndf 58.84 / 76
p0 944.6 ± 2239
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 77
Mean 448.7
Std Dev 416.2
2
1
0
−1
−2
−3

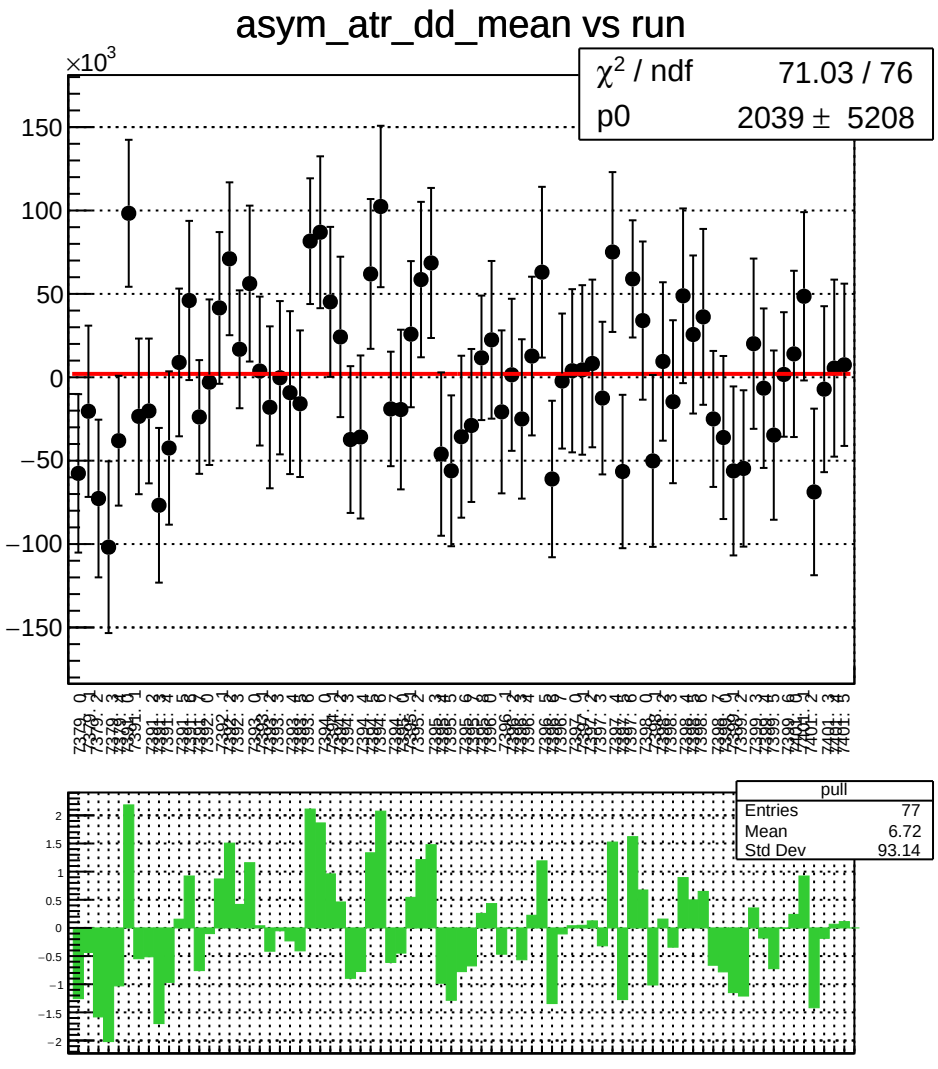

pull1D
Entries 77
Mean 0.011
Std Dev 0.8741
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

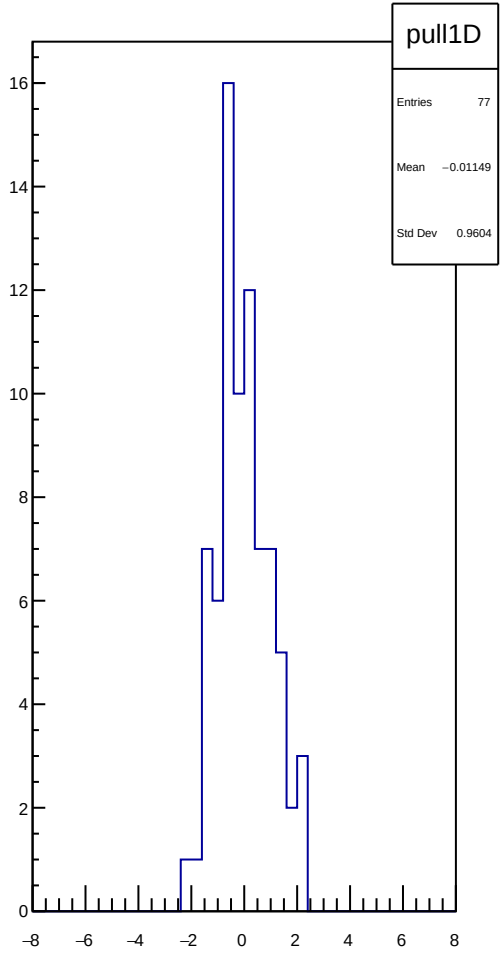

dit_asym_atr_dd_rms vs run
χ^2 / ndf 1159 / 76
p0 1942 ± 1.583
2200
2150
2100
2050
2000
1950
1900
1850

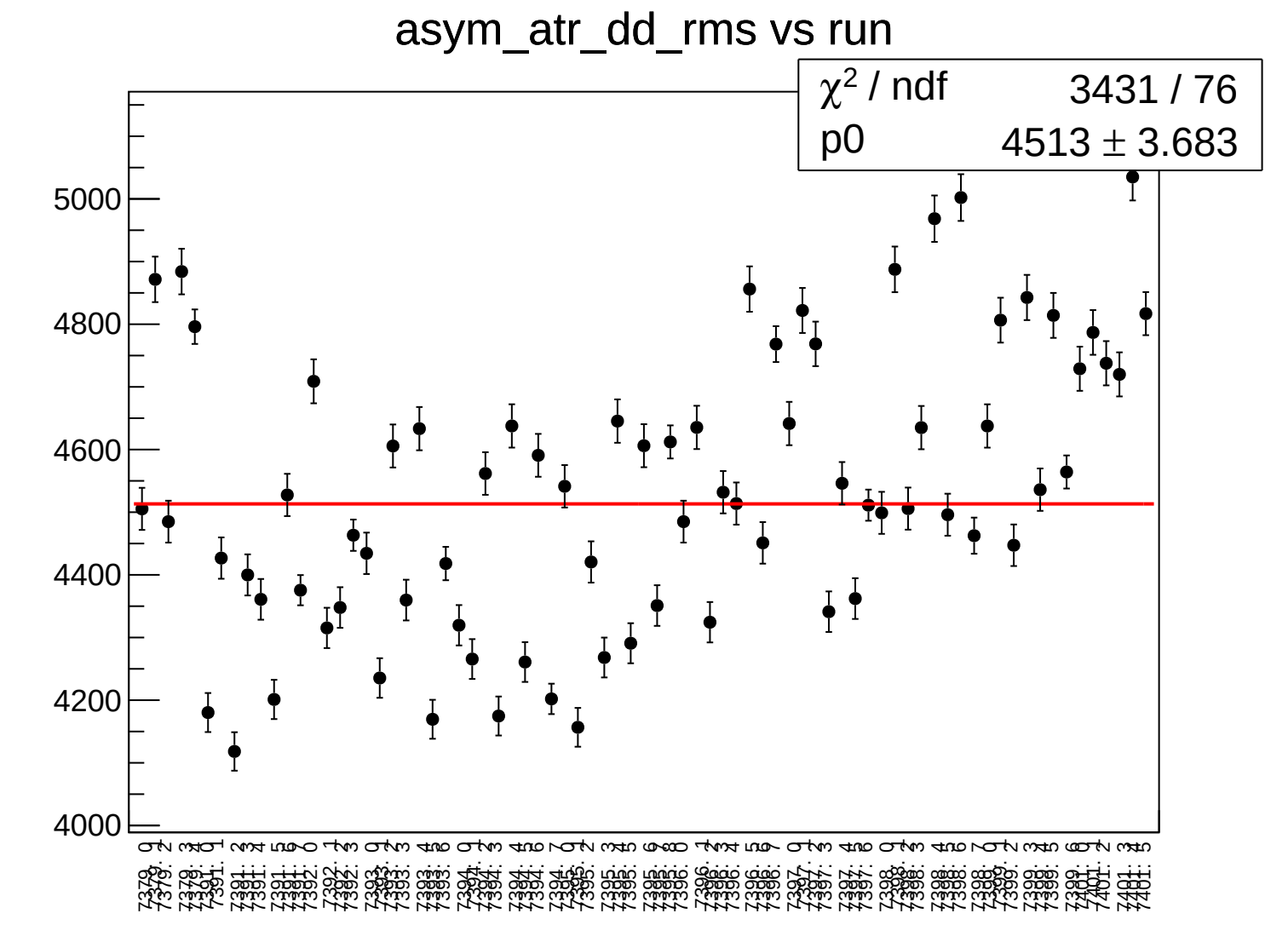

asym_atr_dd_correction_mean vs run
×10^3
χ² / ndf 70.39 / 76
p0 −1523 ± 4824
150
100
50
0
−50
−100
−150
pull
Entries 77
Mean 113
Std Dev 36.98
2
1
0
−1
−2
−3

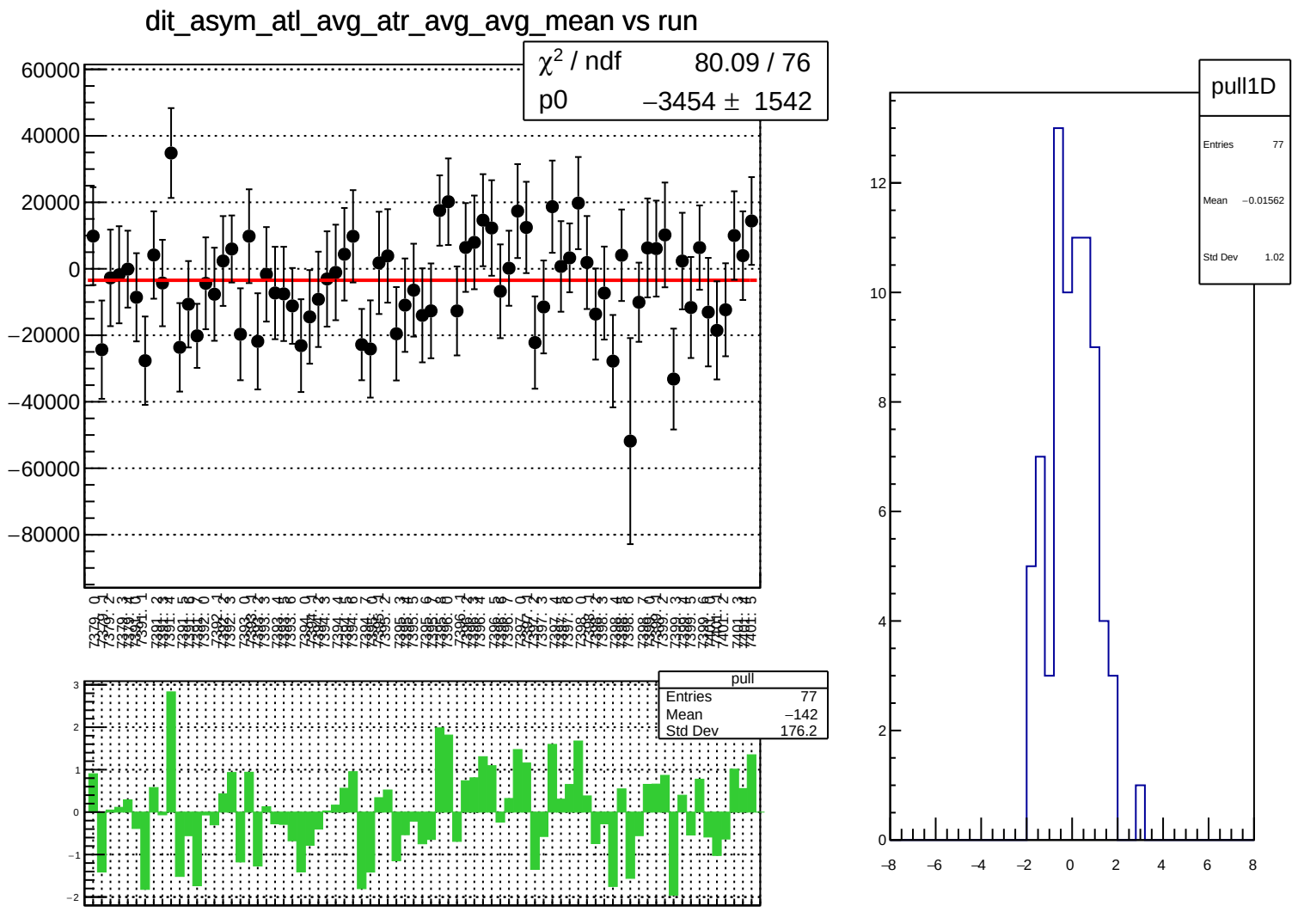

pull1D
Entries 77
Mean 0.02236
Std Dev 0.9558
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

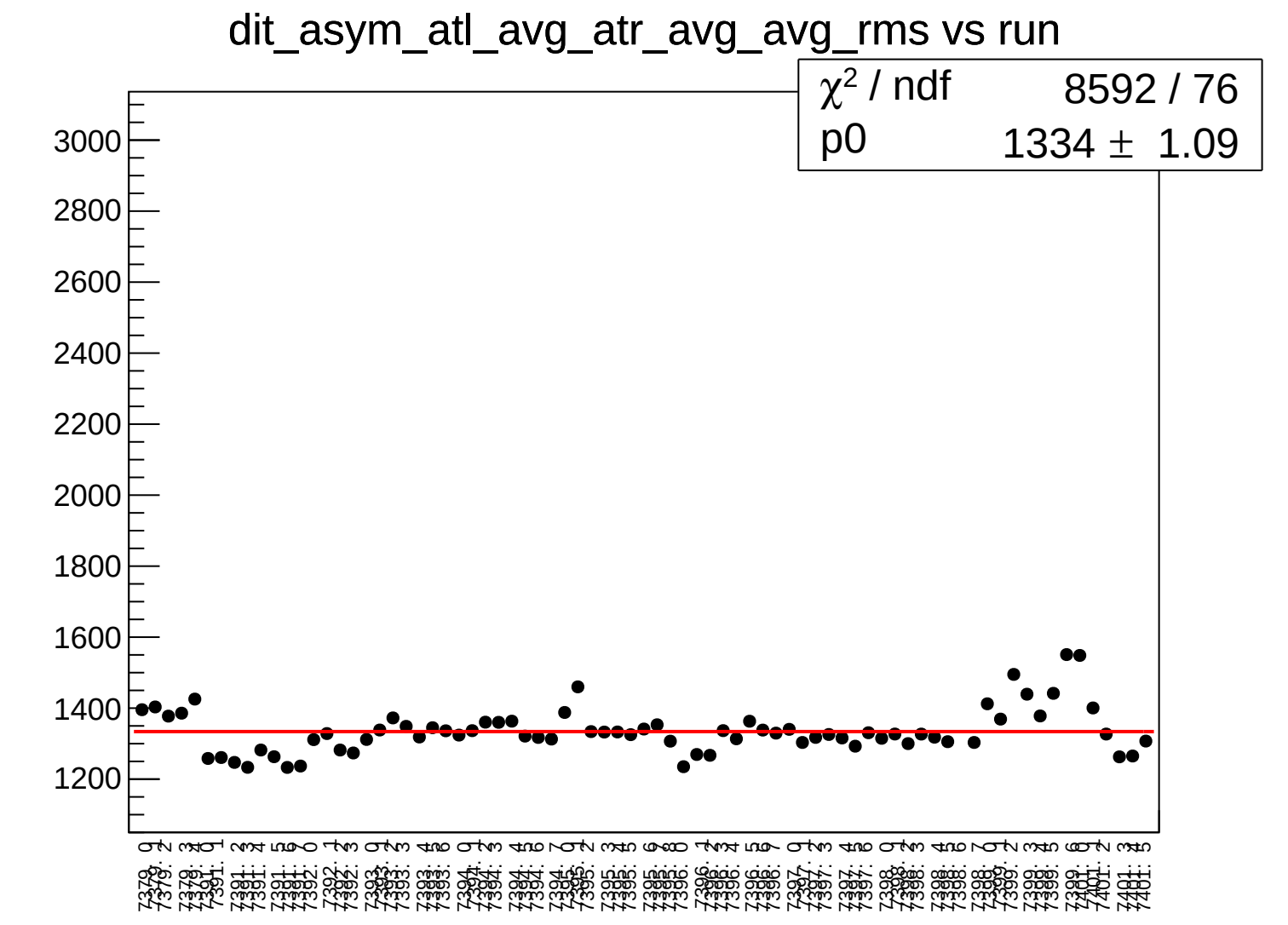

asym_atr_dd_correction_rms vs run
χ² / ndf 4968 / 76
p0 4178 ± 3.411
4800
4600
4400
4200
4000
3800

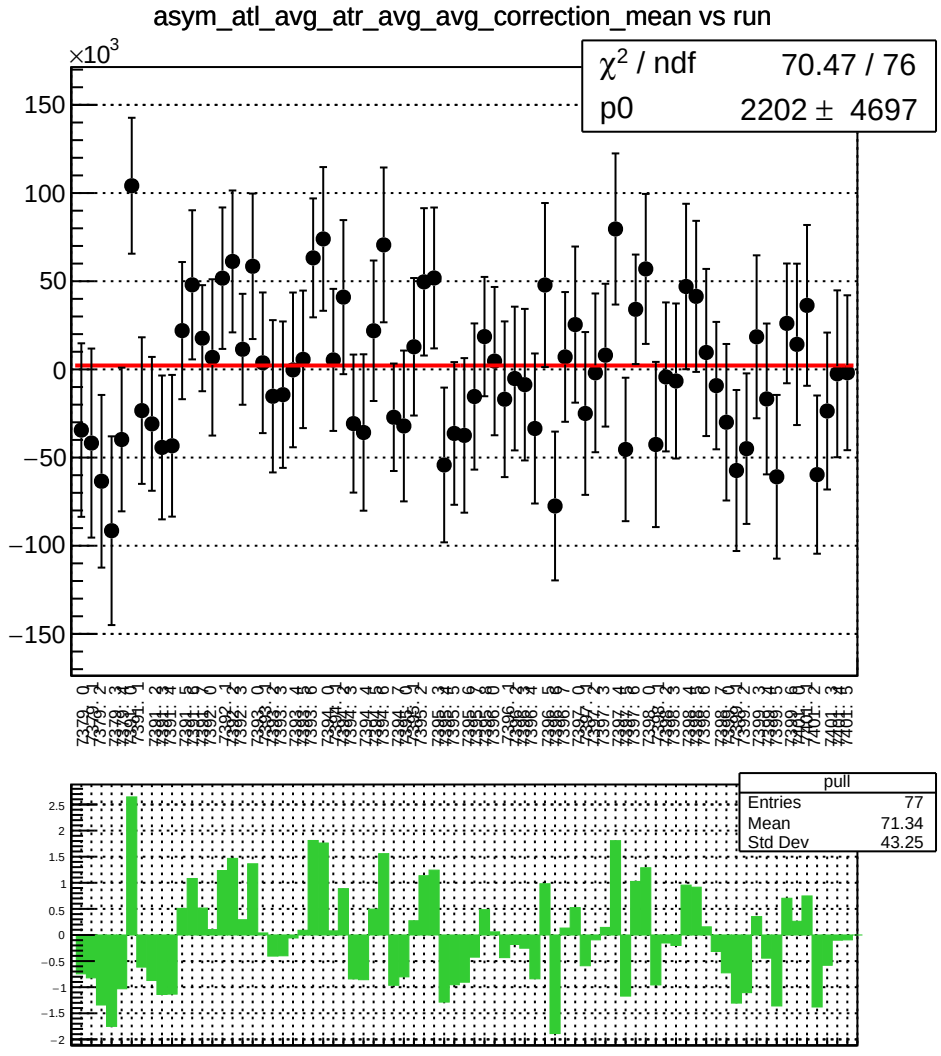

asym_atr_dd_mean vs run
×10^3
χ² / ndf 71.03 / 76
p0 2039 ± 5208
150
100
50
0
−50
−100
−150
pull
Entries 77
Mean 6.72
Std Dev 93.14
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

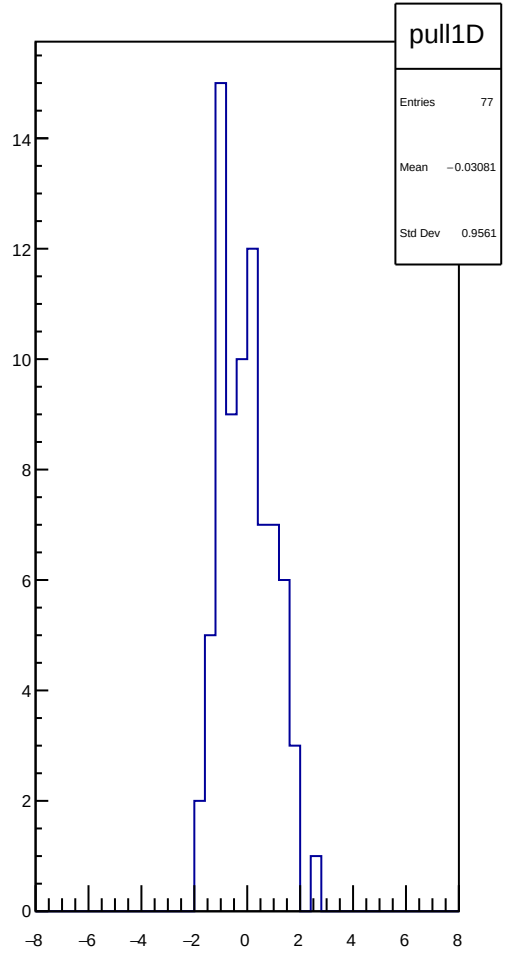

pull1D
Entries 77
Mean −0.01149
Std Dev 0.9604
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

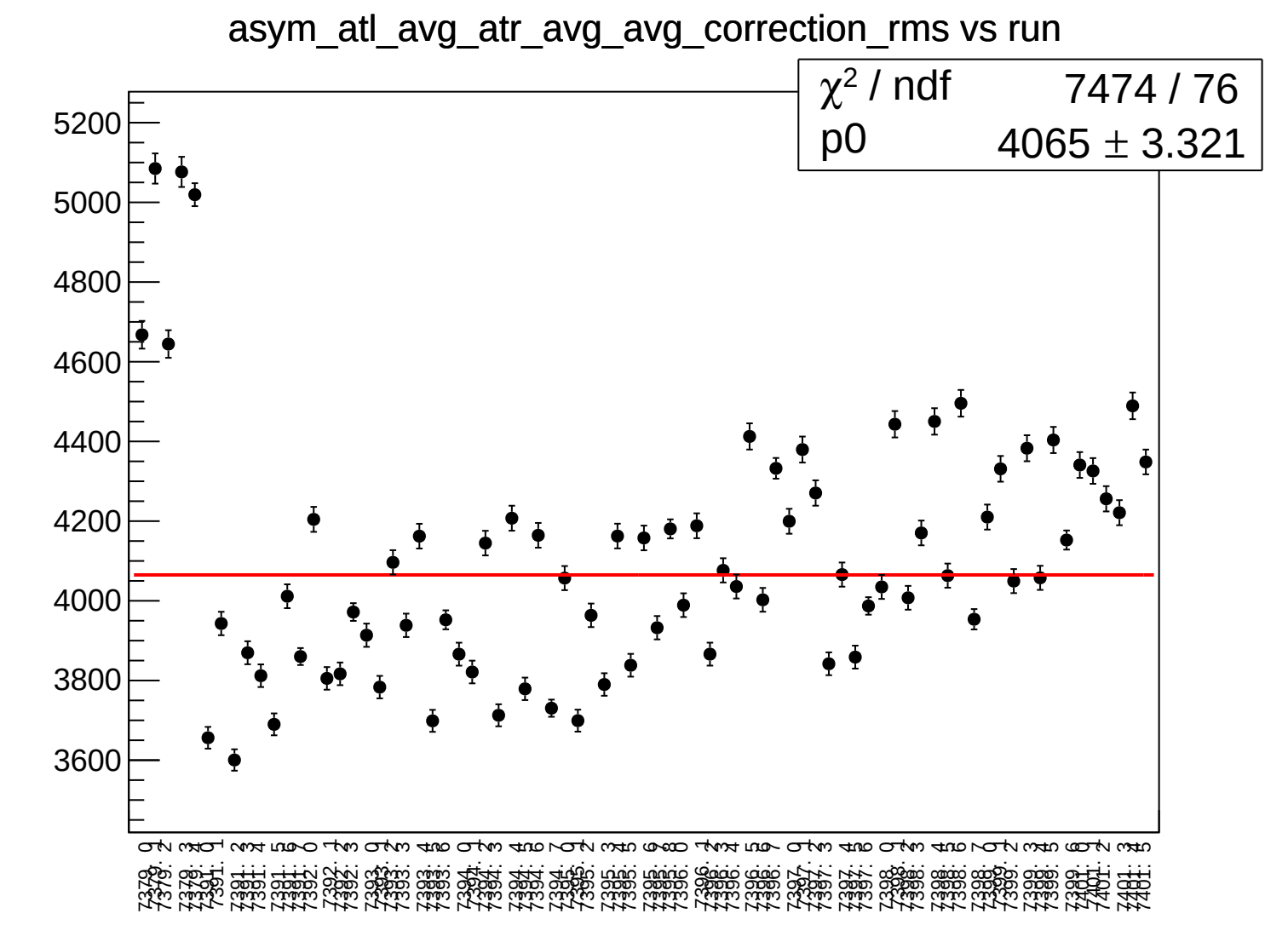

asym_atr_dd_rms vs run
χ^2 / ndf 3431 / 76
p0 4513 ± 3.683
5000
4800
4600
4400
4200
4000

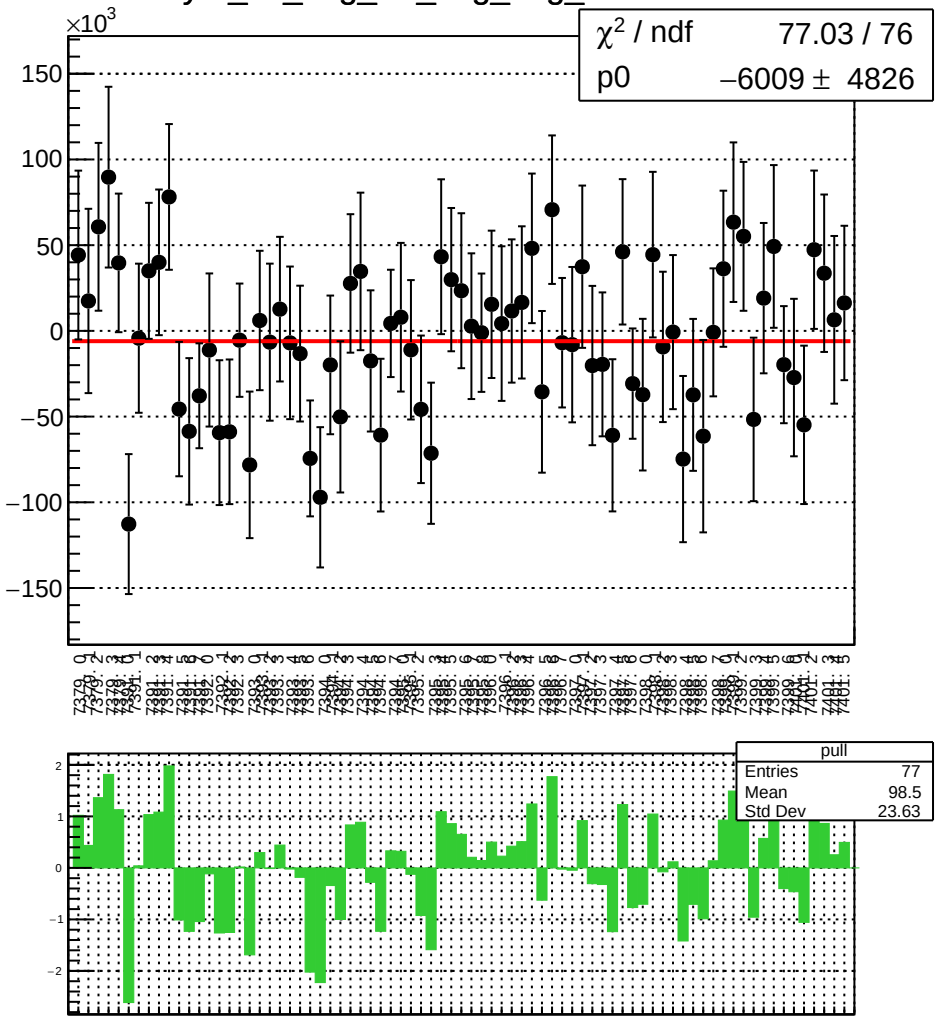

dit_asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 80.09 / 76
p0 −3454 ± 1542
pull
Entries 77
Mean −142
Std Dev 176.2
pull1D
Entries 77
Mean −0.01562
Std Dev 1.02

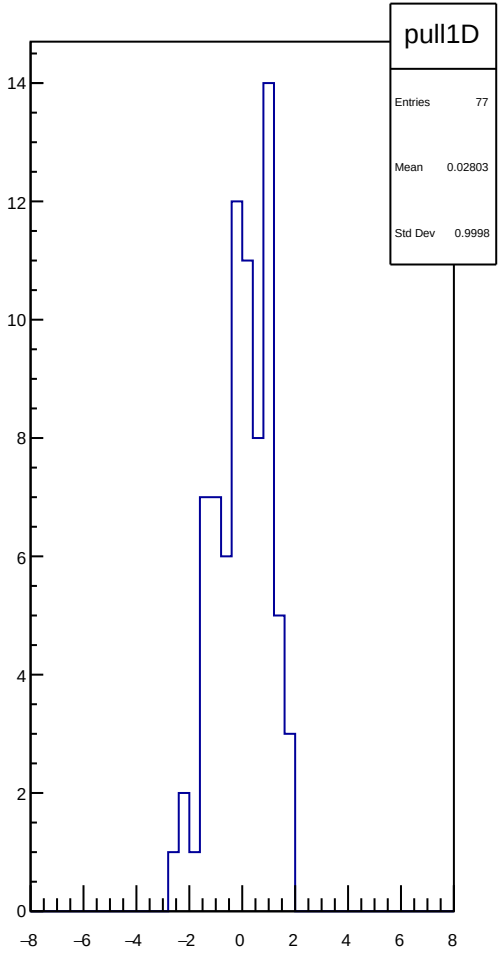

dit_asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 8592 / 76
p0 1334 ± 1.09
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

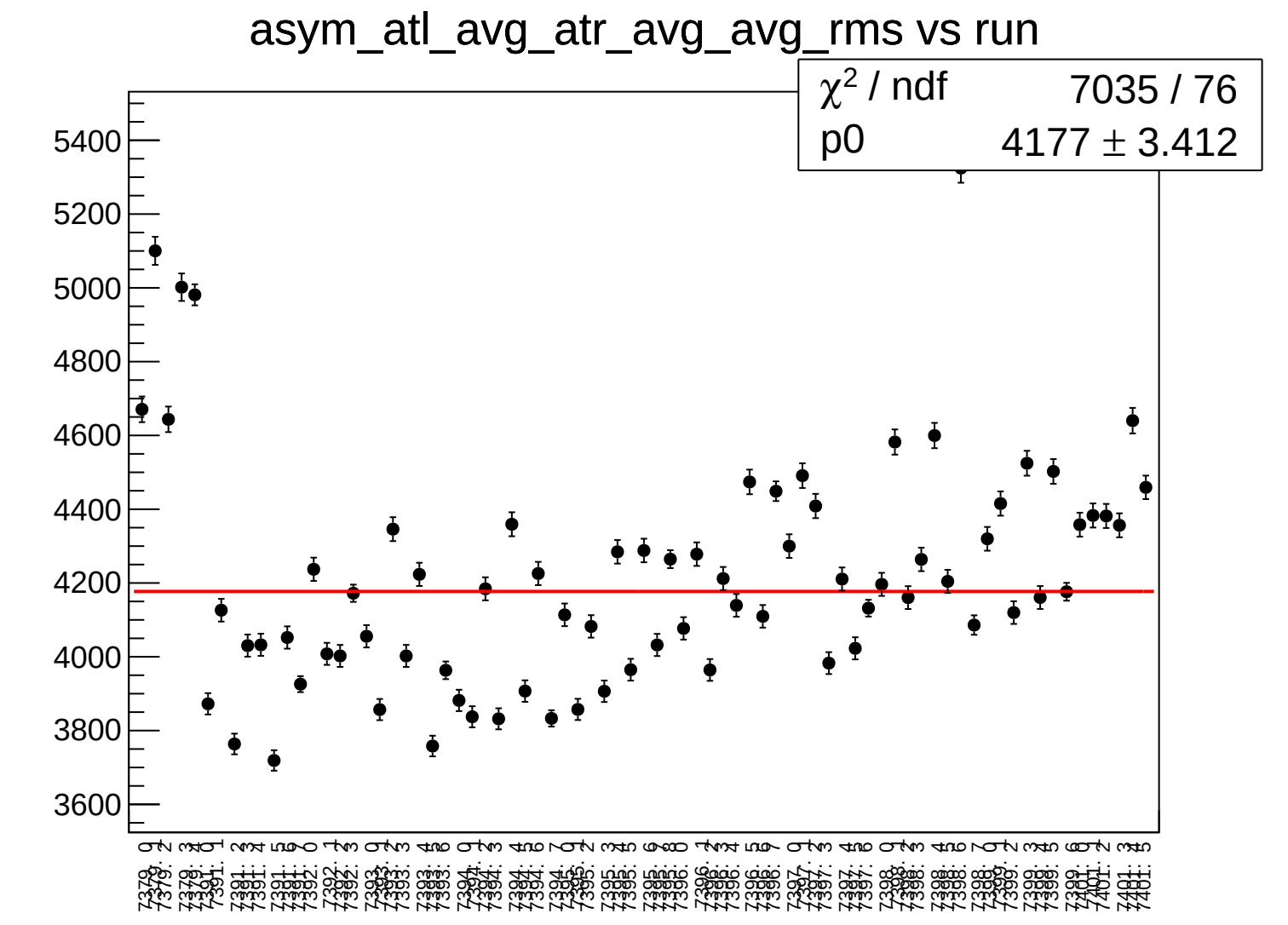

asym_atl_avg_atr_avg_avg_correction_mean vs run
×10^3
χ² / ndf 70.47 / 76
p0 2202 ± 4697
150
100
50
0
−50
−100
−150
pull
Entries 77
Mean 71.34
Std Dev 43.25
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

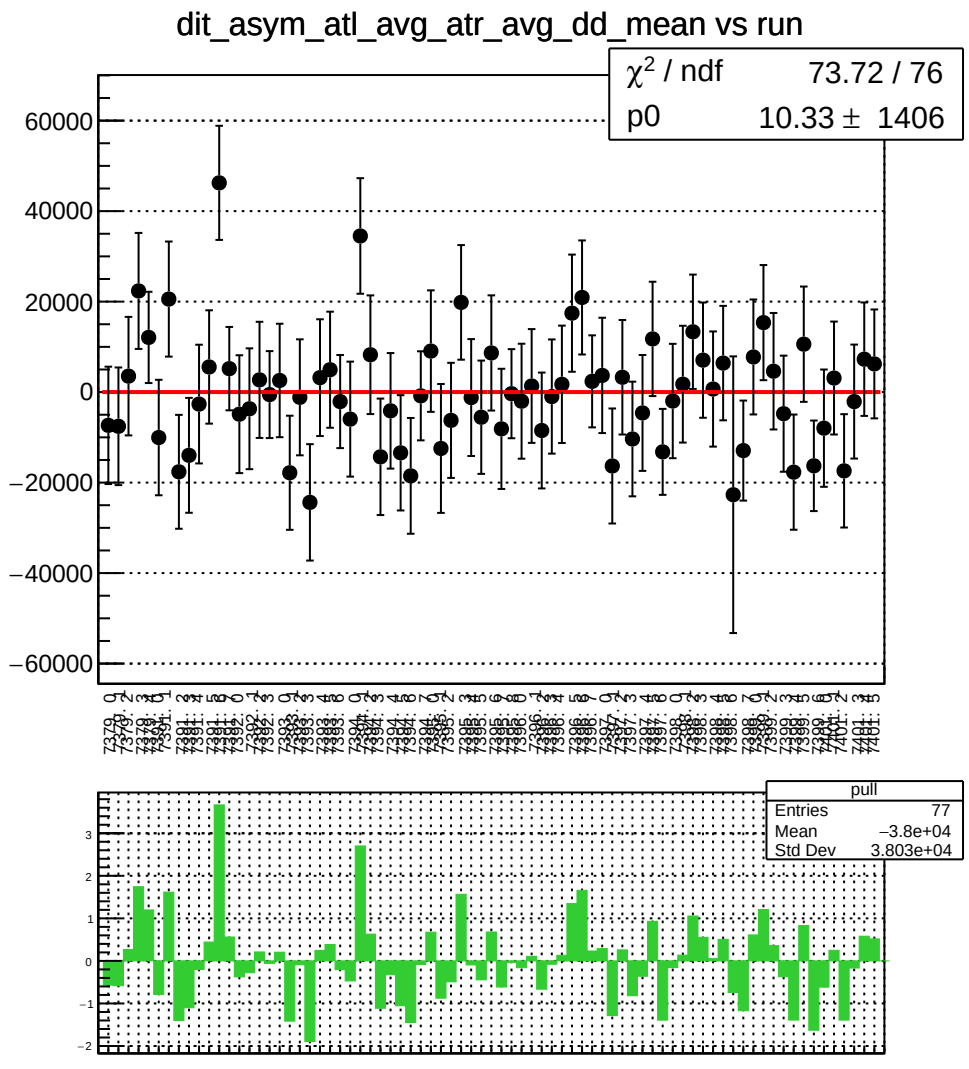

pull1D
Entries 77
Mean −0.03081
Std Dev 0.9561
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

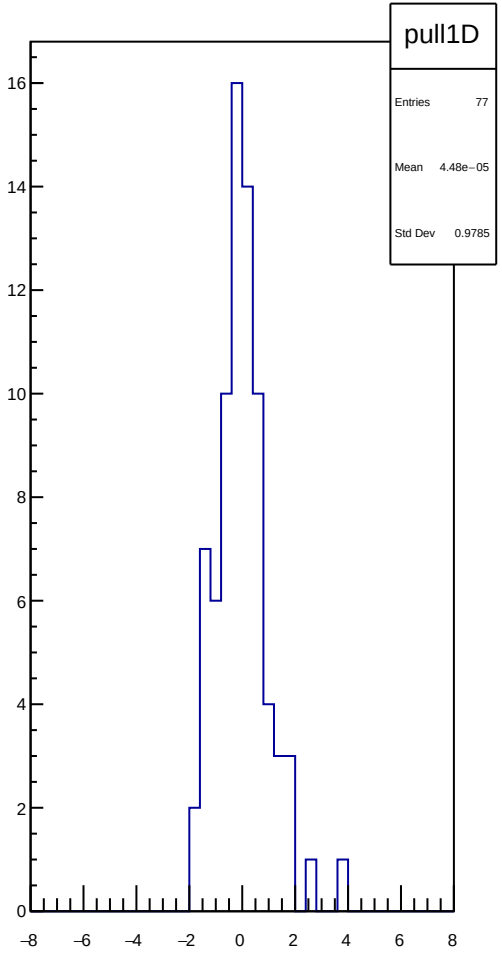

asym_atl_avg_atr_avg_avg_correction_rms vs run
χ² / ndf 7474 / 76
p0 4065 ± 3.321
5200
5000
4800
4600
4400
4200
4000
3800
3600

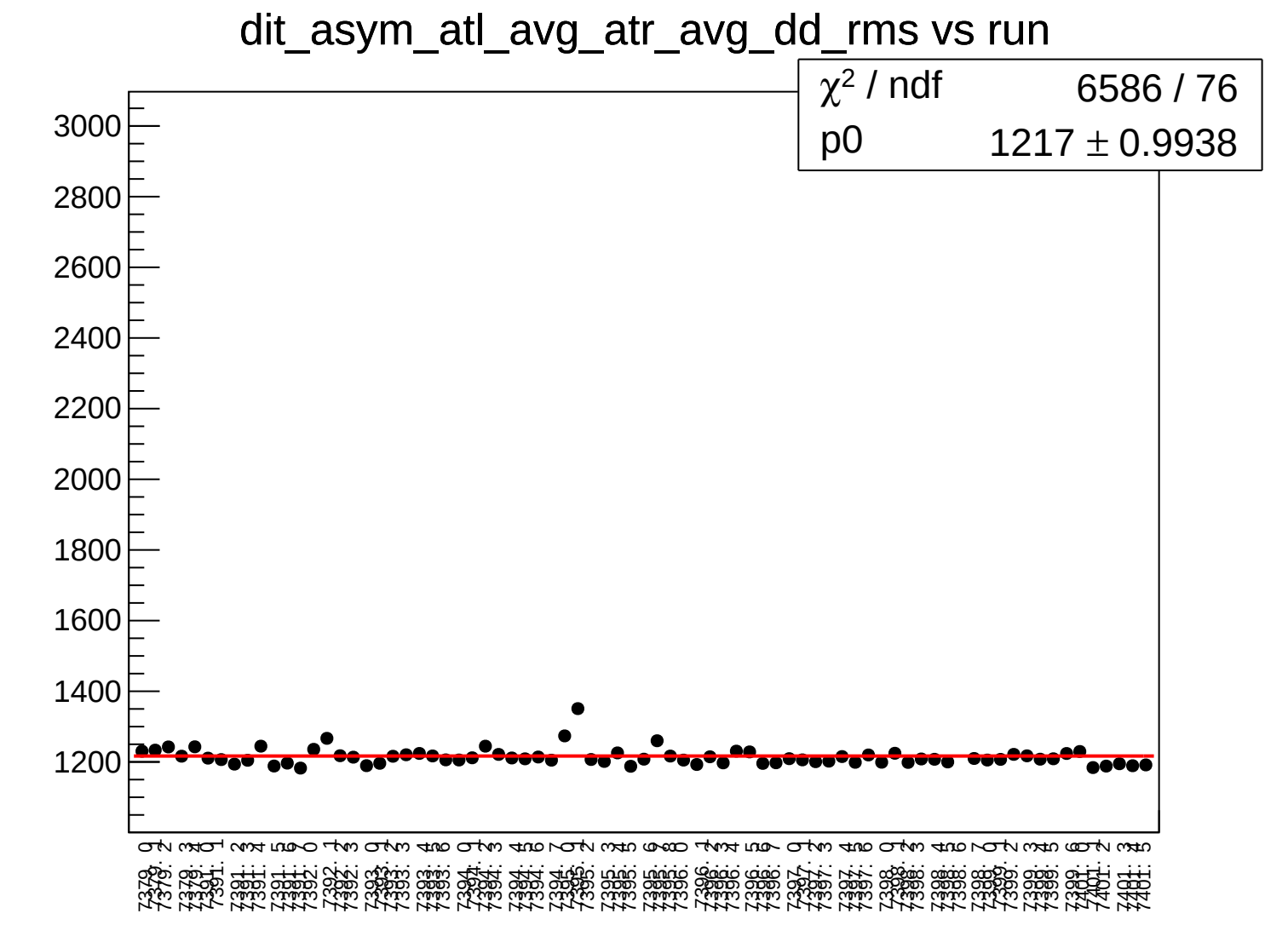

asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 77.03 / 76
p0 −6009 ± 4826
×10³
pull
Entries 77
Mean 98.5
Std Dev 23.63

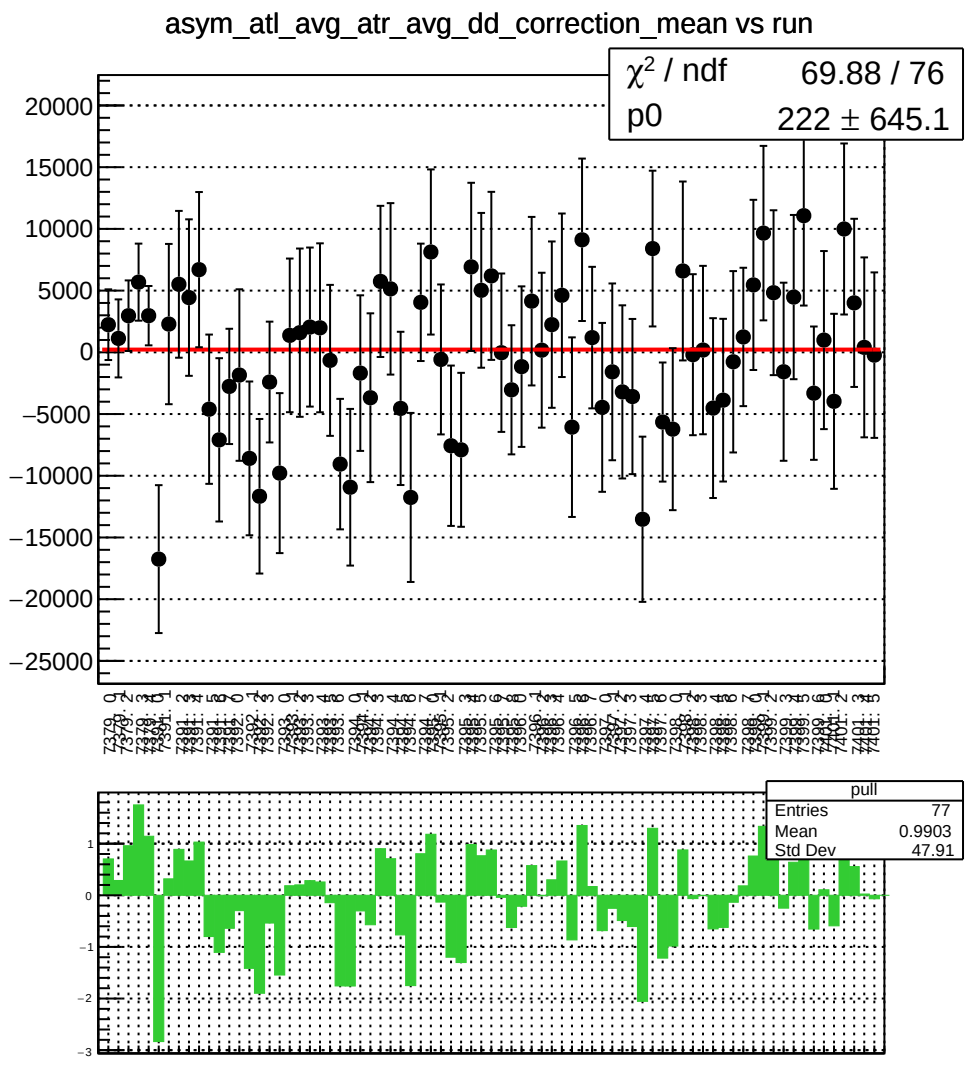

pull1D
Entries 77
Mean 0.02803
Std Dev 0.9998

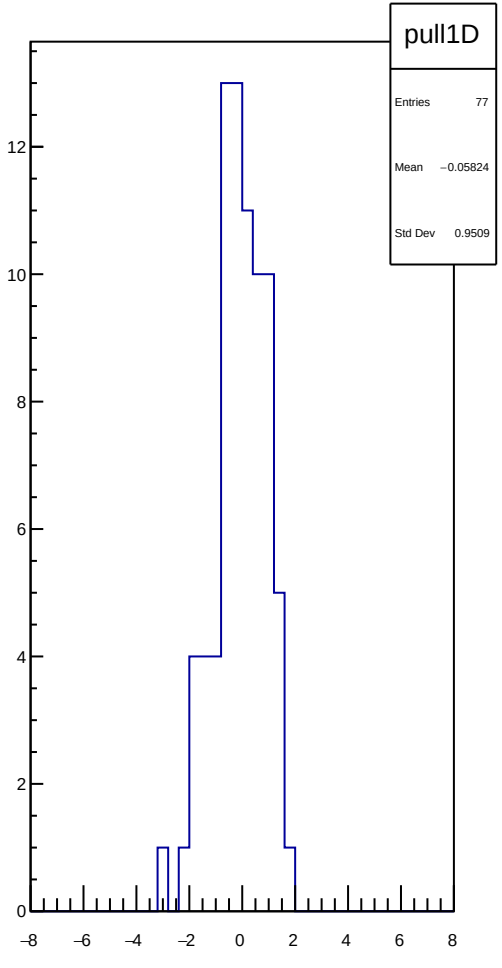

asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 7035 / 76
p0 4177 ± 3.412
5400
5200
5000
4800
4600
4400
4200
4000
3800
3600

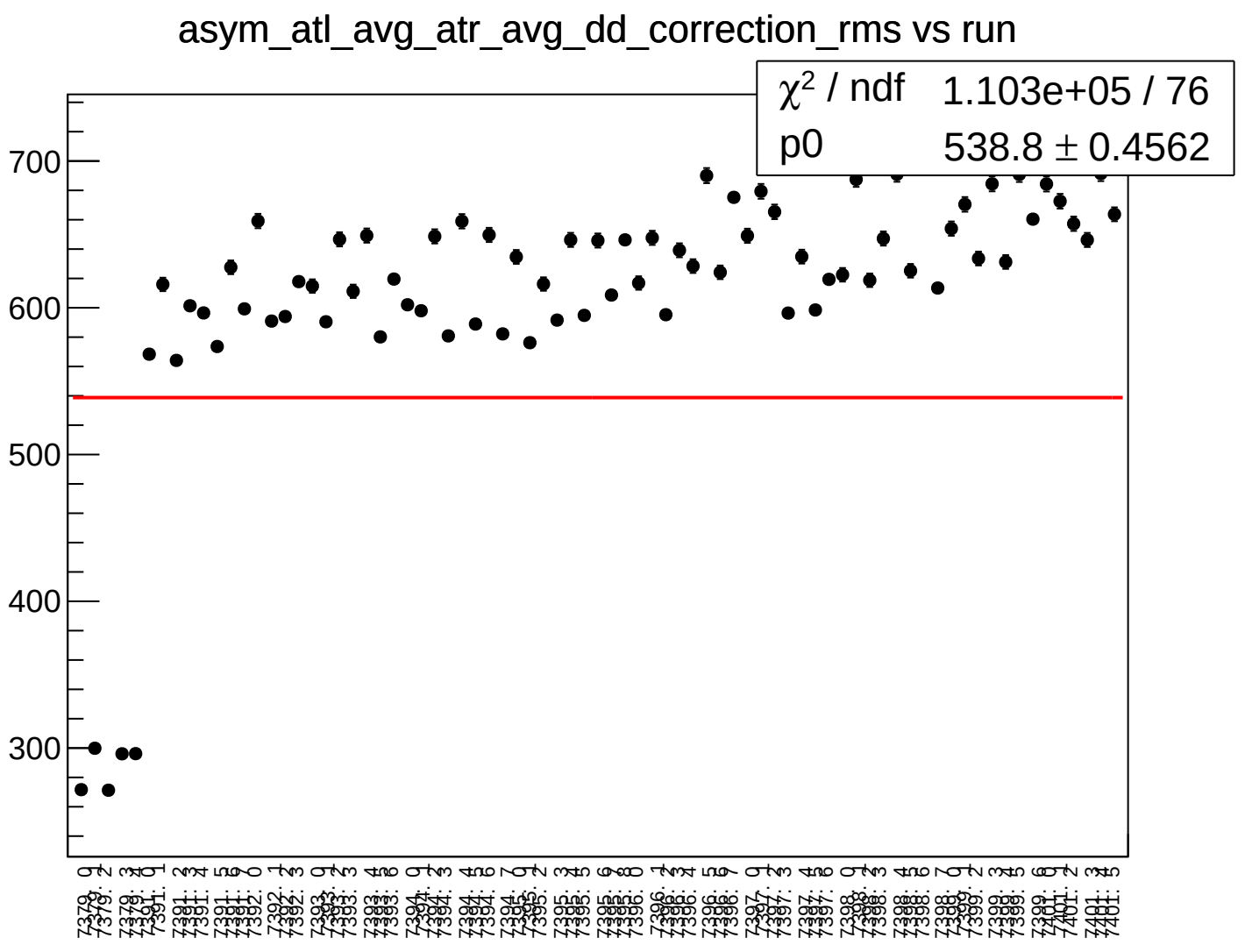

dit_asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 73.72 / 76
p0 10.33 ± 1406
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 77
Mean −3.8e+04
Std Dev 3.803e+04
3
2
1
0
−1
−2

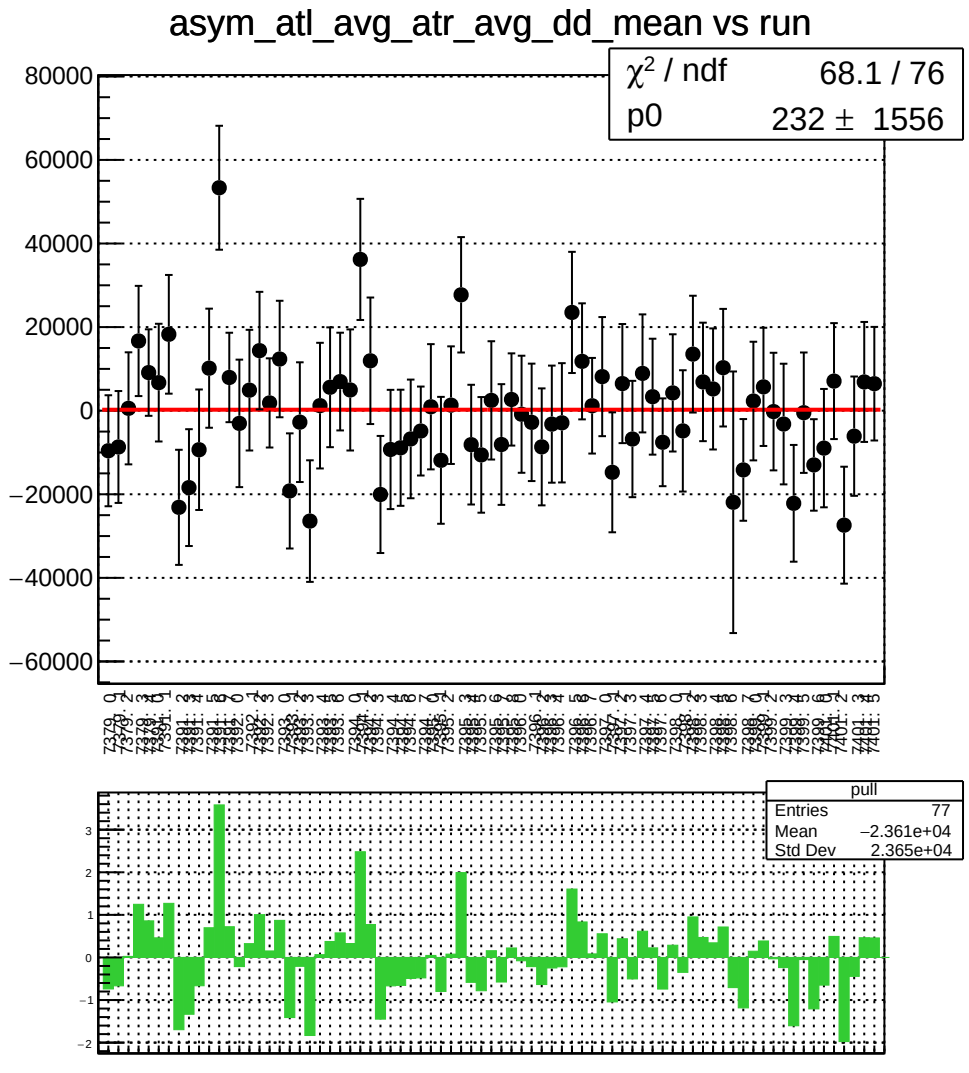

pull1D
Entries 77
Mean 4.48e−05
Std Dev 0.9785
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

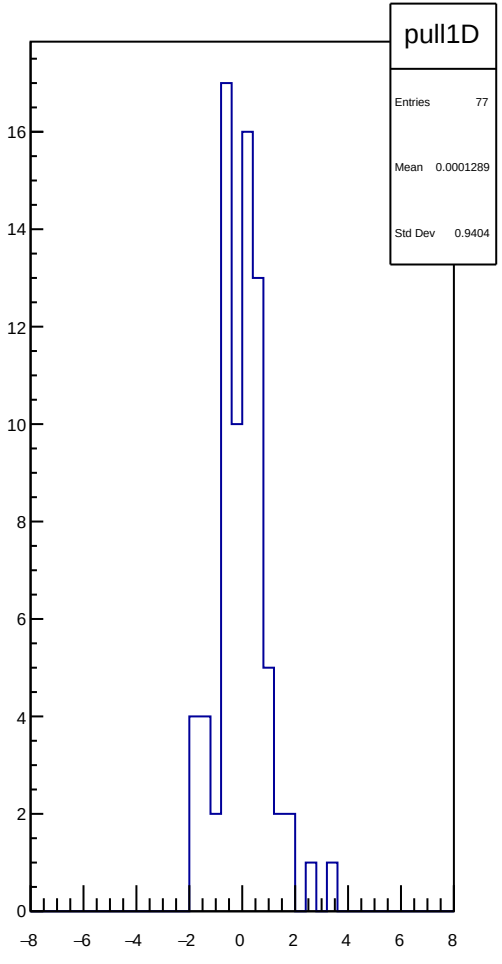

dit_asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 6586 / 76
p0 1217 ± 0.9938
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

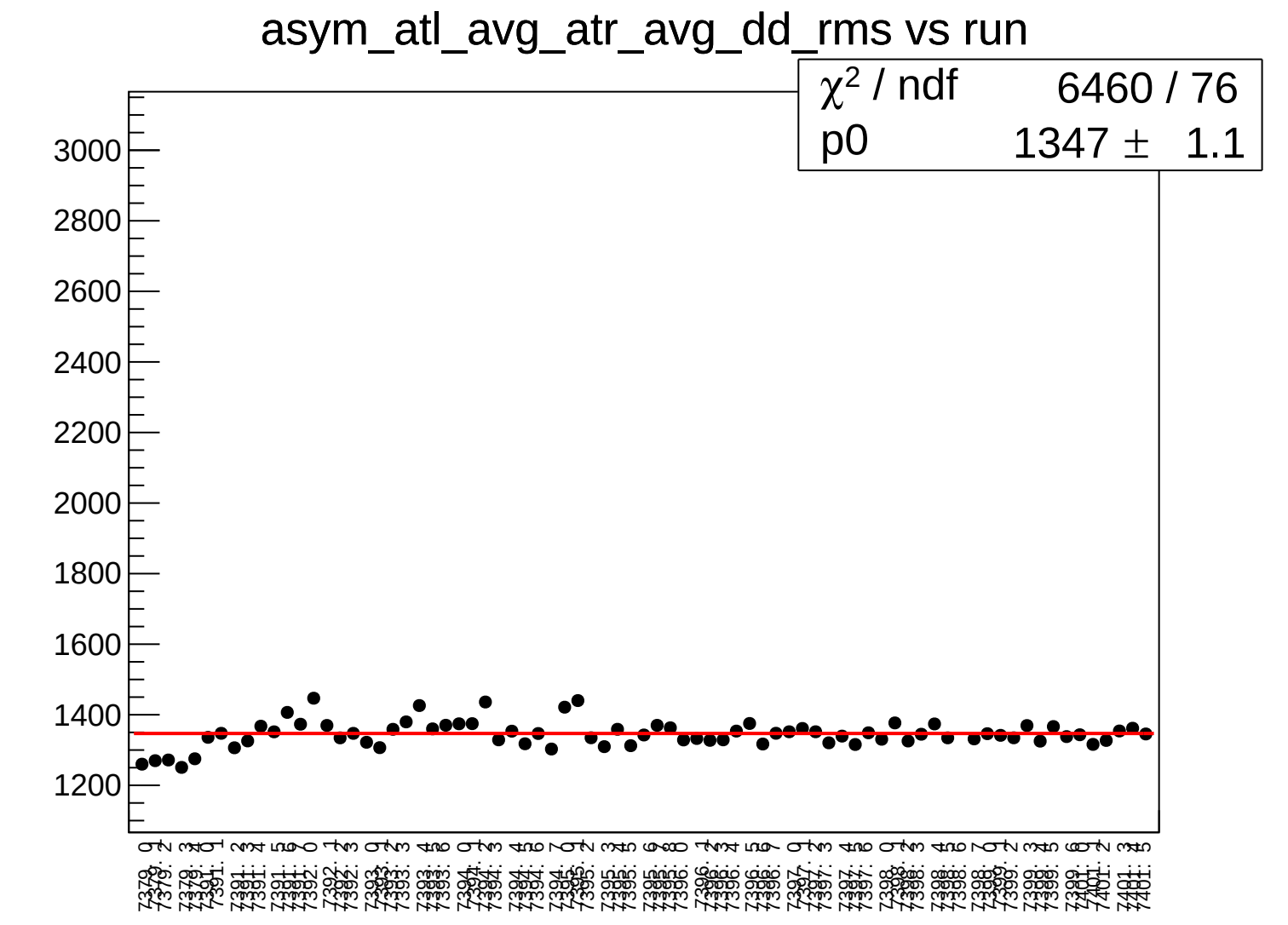

asym_atl_avg_atr_avg_dd_correction_mean vs run
χ² / ndf 69.88 / 76
p0 222 ± 645.1
pull
Entries 77
Mean 0.9903
Std Dev 47.91

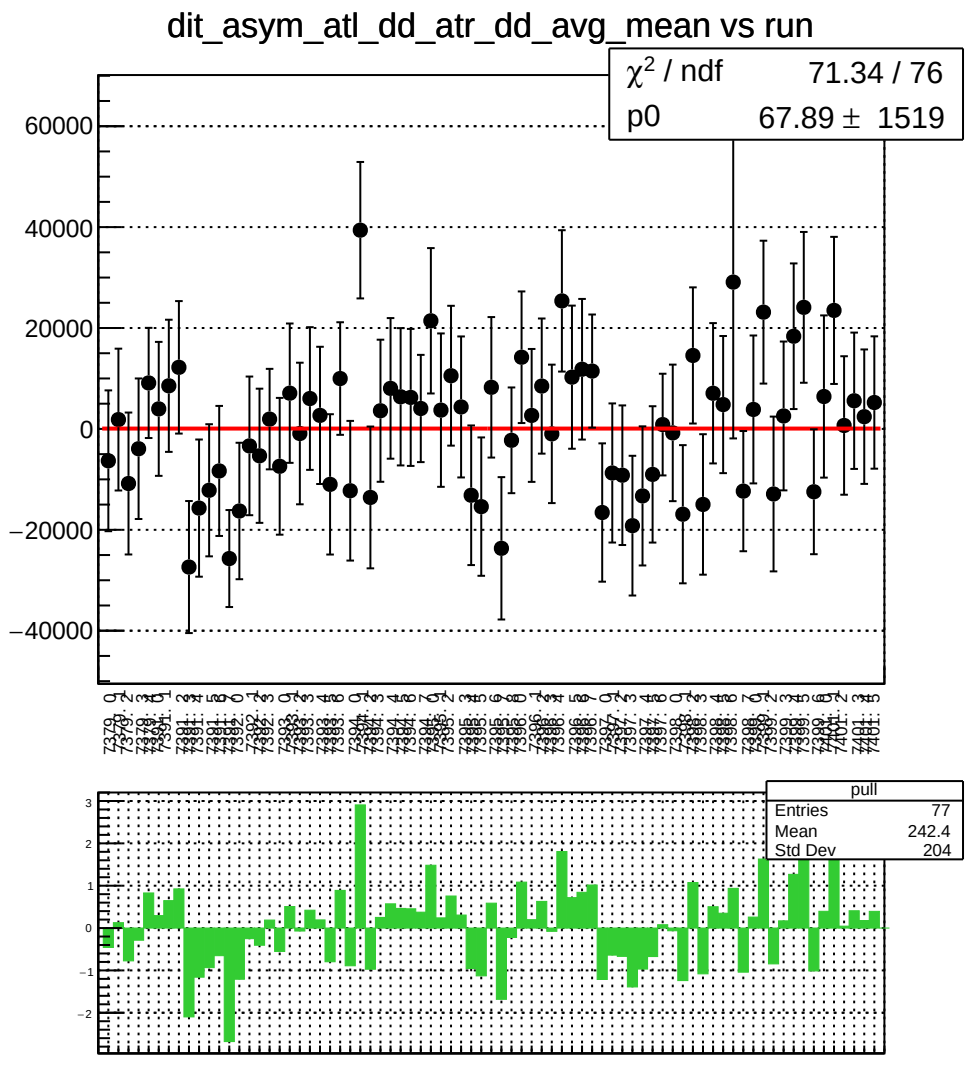

pull1D
Entries 77
Mean −0.05824
Std Dev 0.9509

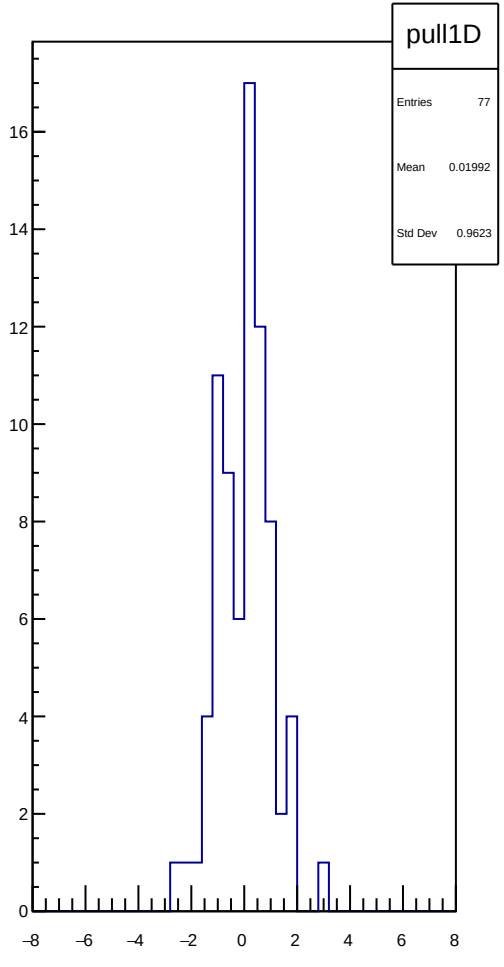

asym_atl_avg_atr_avg_dd_correction_rms vs run
χ² / ndf 1.103e+05 / 76
p0 538.8 ± 0.4562
700
600
500
400
300

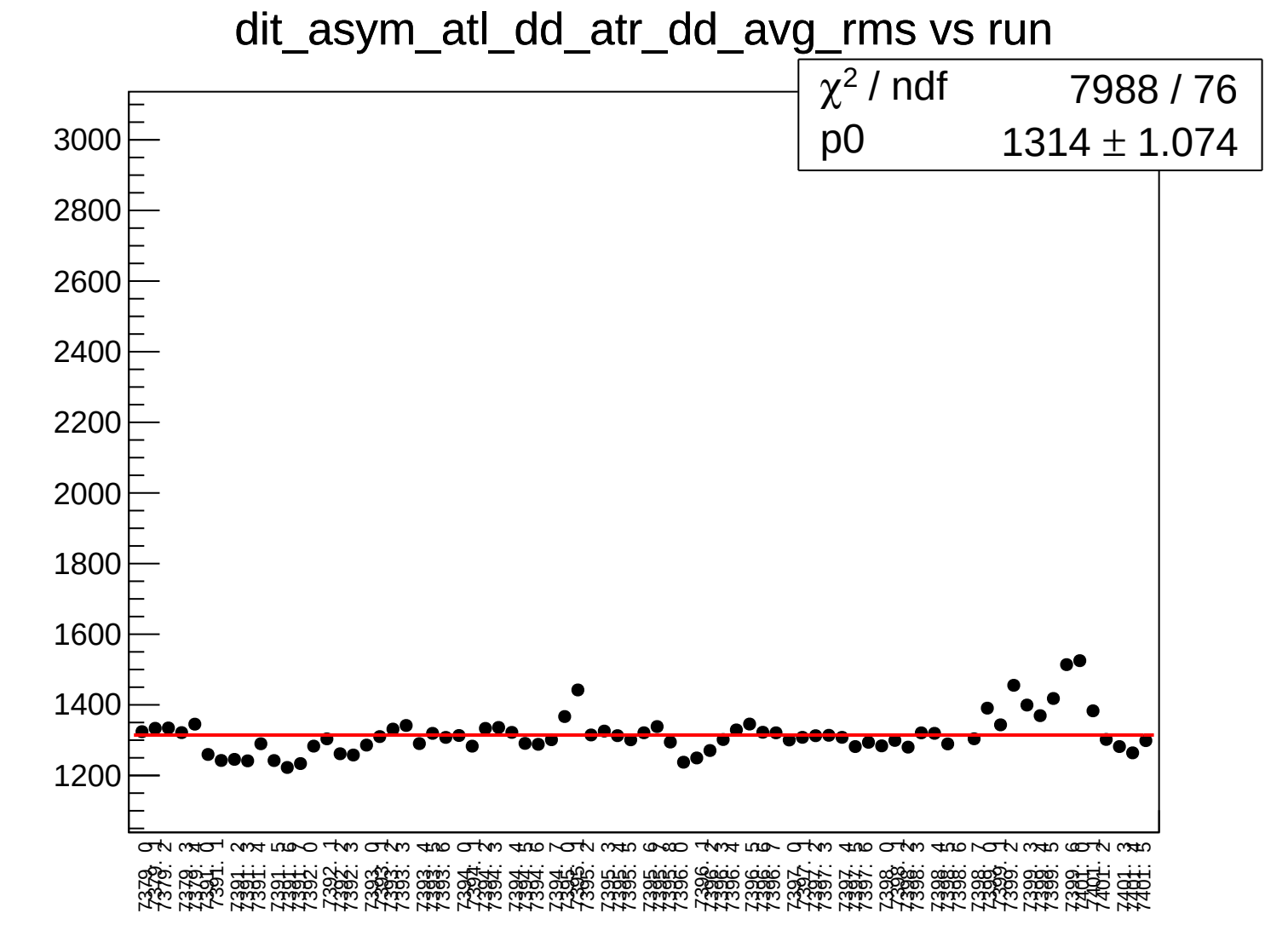

asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 68.1 / 76
p0 232 ± 1556
80000
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 77
Mean −2.361e+04
Std Dev 2.365e+04
3
2
1
0
−1
−2

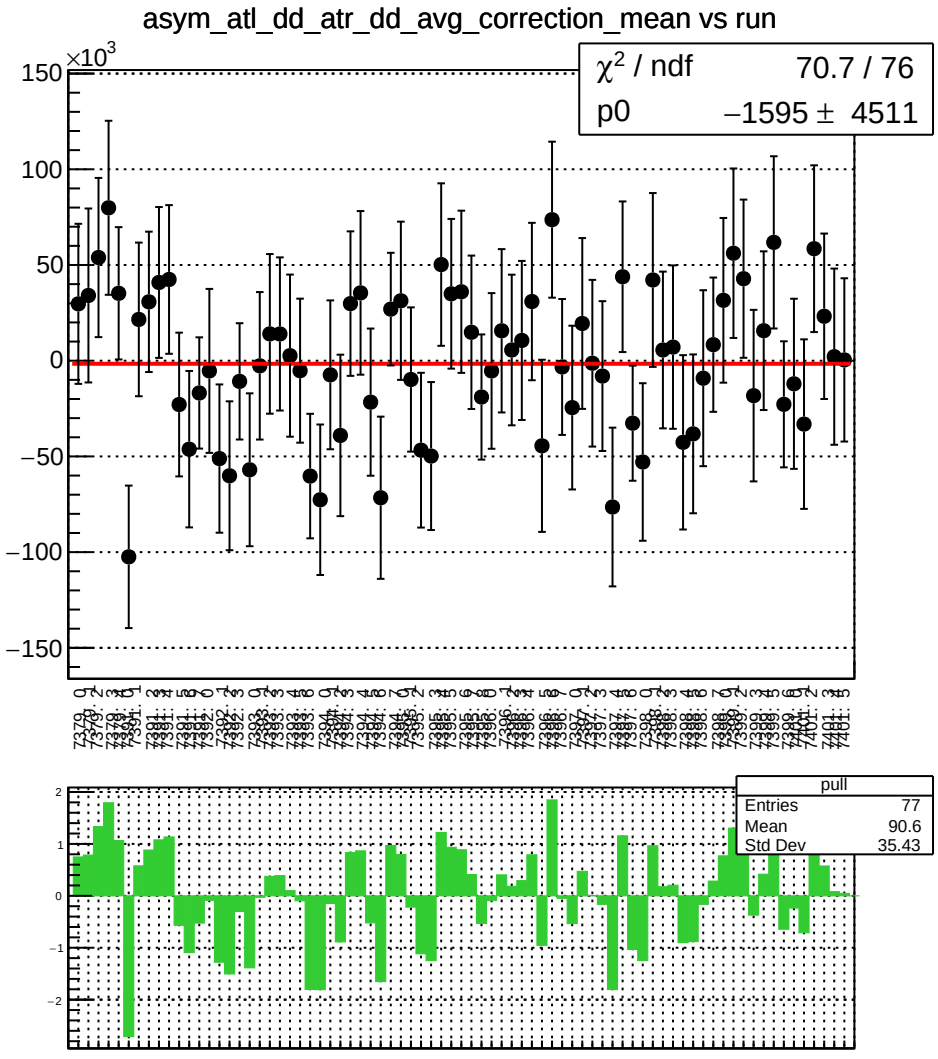

pull1D
Entries 77
Mean 0.0001289
Std Dev 0.9404
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

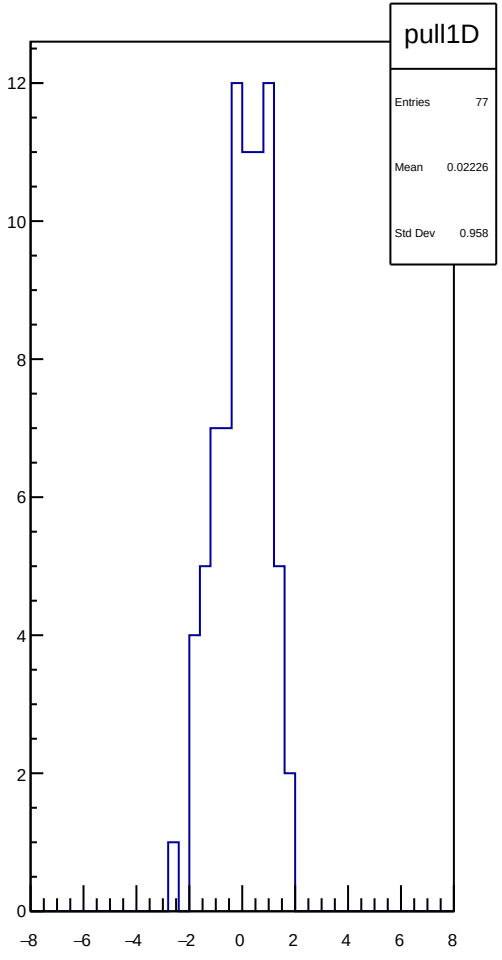

asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 6460 / 76
p0 1347 ± 1.1
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

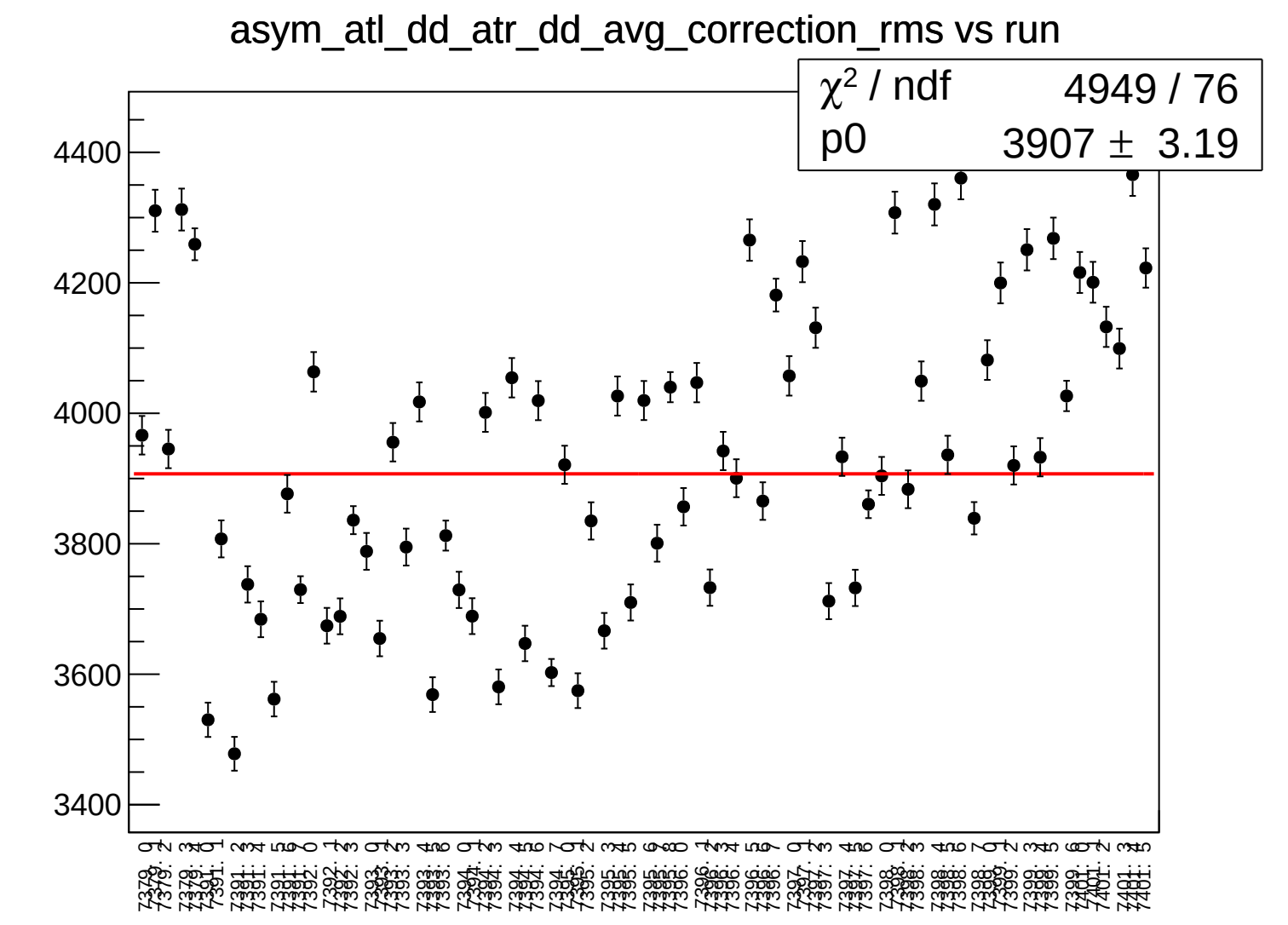

dit_asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 71.34 / 76
p0 67.89 ± 1519
60000
40000
20000
0
−20000
−40000
pull
Entries 77
Mean 242.4
Std Dev 204
3
2
1
0
−1
−2

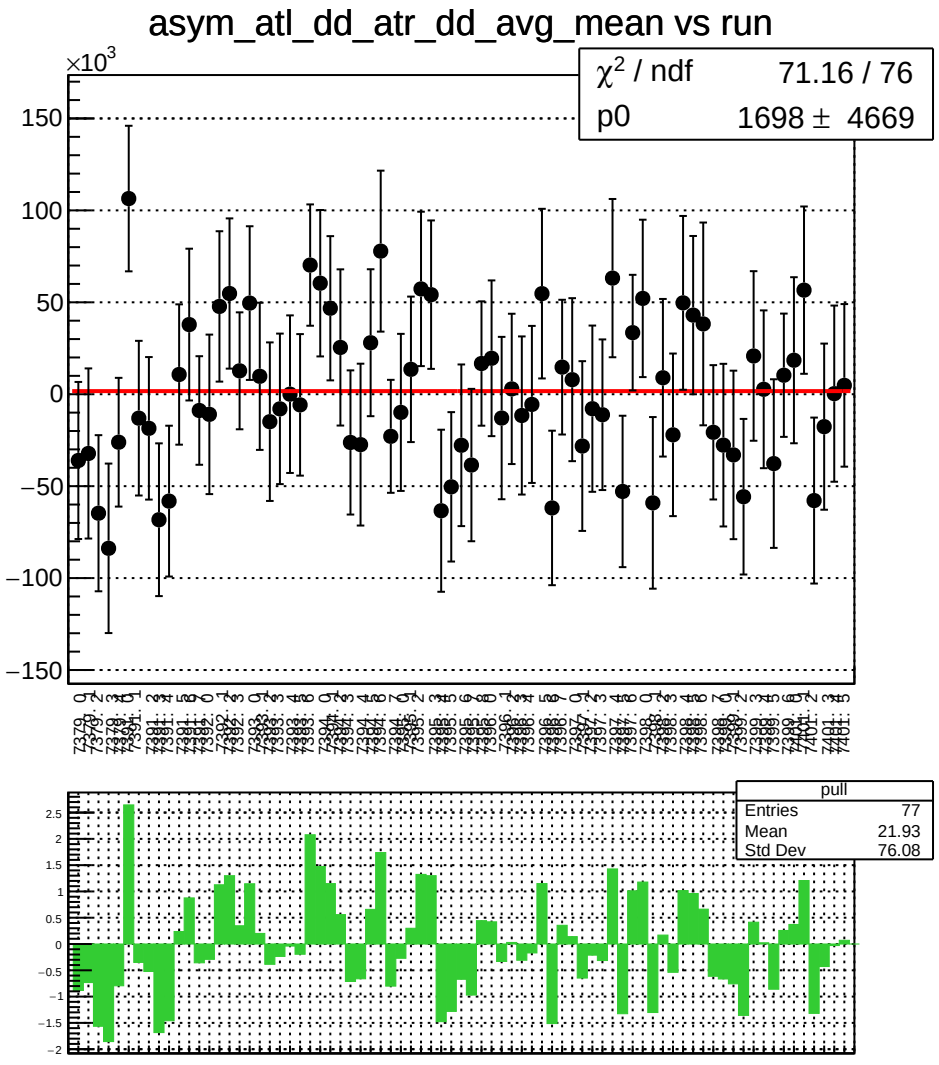

pull1D
Entries 77
Mean 0.01992
Std Dev 0.9623
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

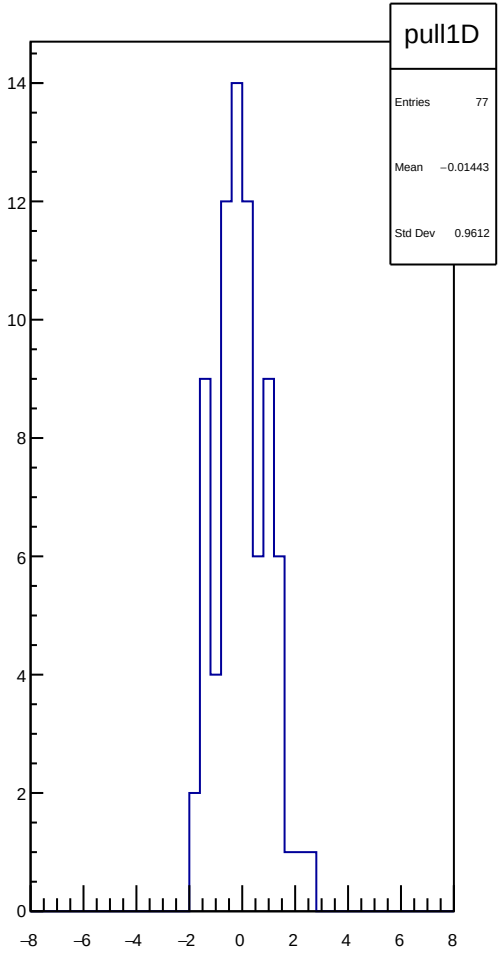

dit_asym_atl_dd_atr_dd_avg_rms vs run
χ² / ndf 7988 / 76
p0 1314 ± 1.074
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

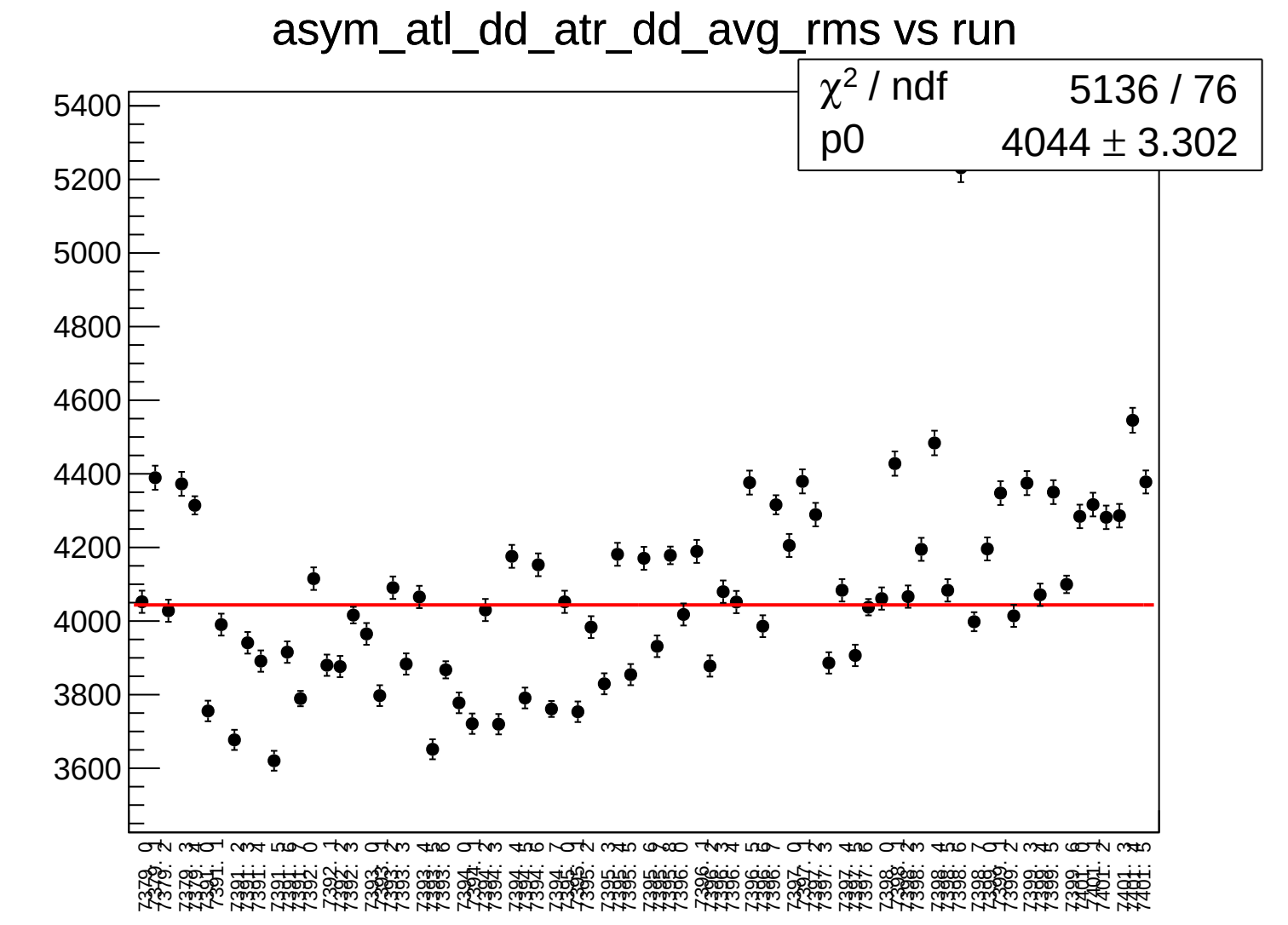

asym_atl_dd_atr_dd_avg_correction_mean vs run
×10^3
χ² / ndf 70.7 / 76
p0 −1595 ± 4511
pull
Entries 77
Mean 90.6
Std Dev 35.43

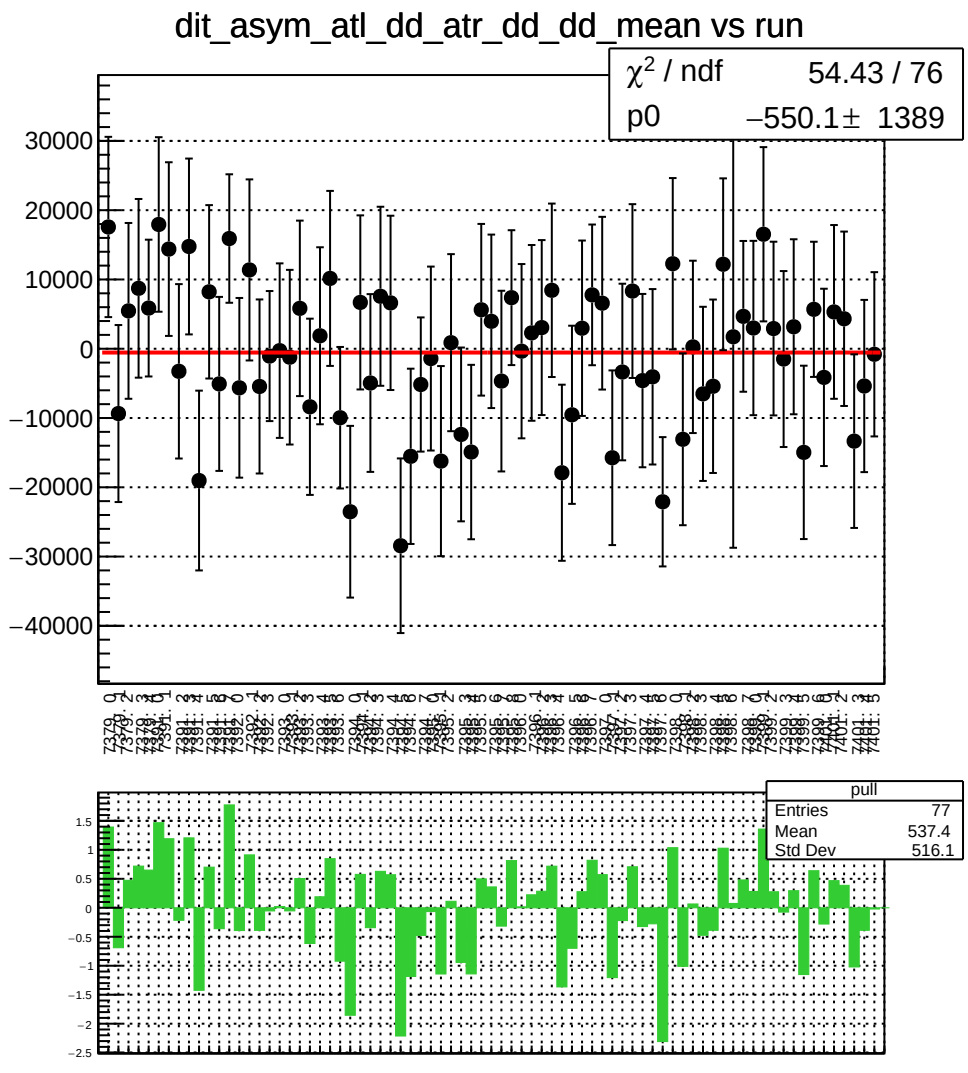

pull1D
Entries 77
Mean 0.02226
Std Dev 0.958

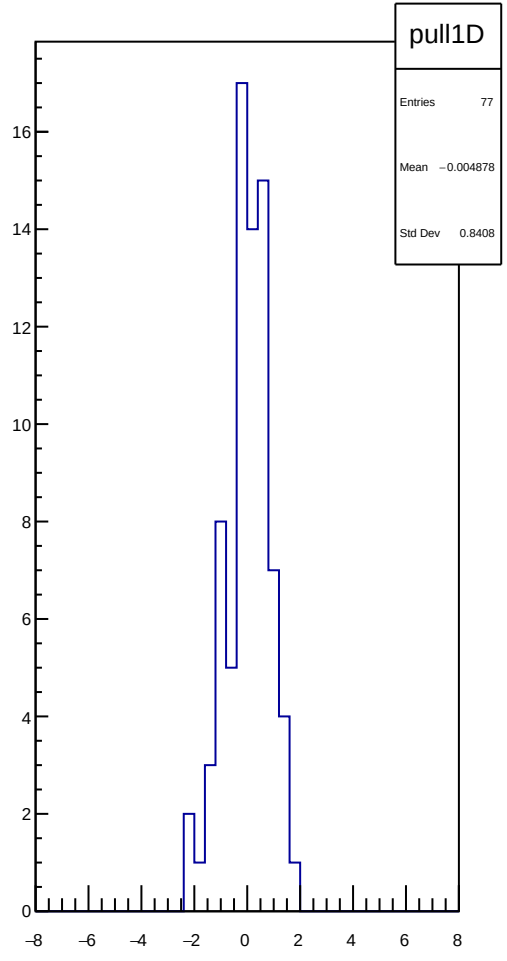

asym_atl_dd_atr_dd_avg_correction_rms vs run
χ² / ndf 4949 / 76
p0 3907 ± 3.19
4400
4200
4000
3800
3600
3400

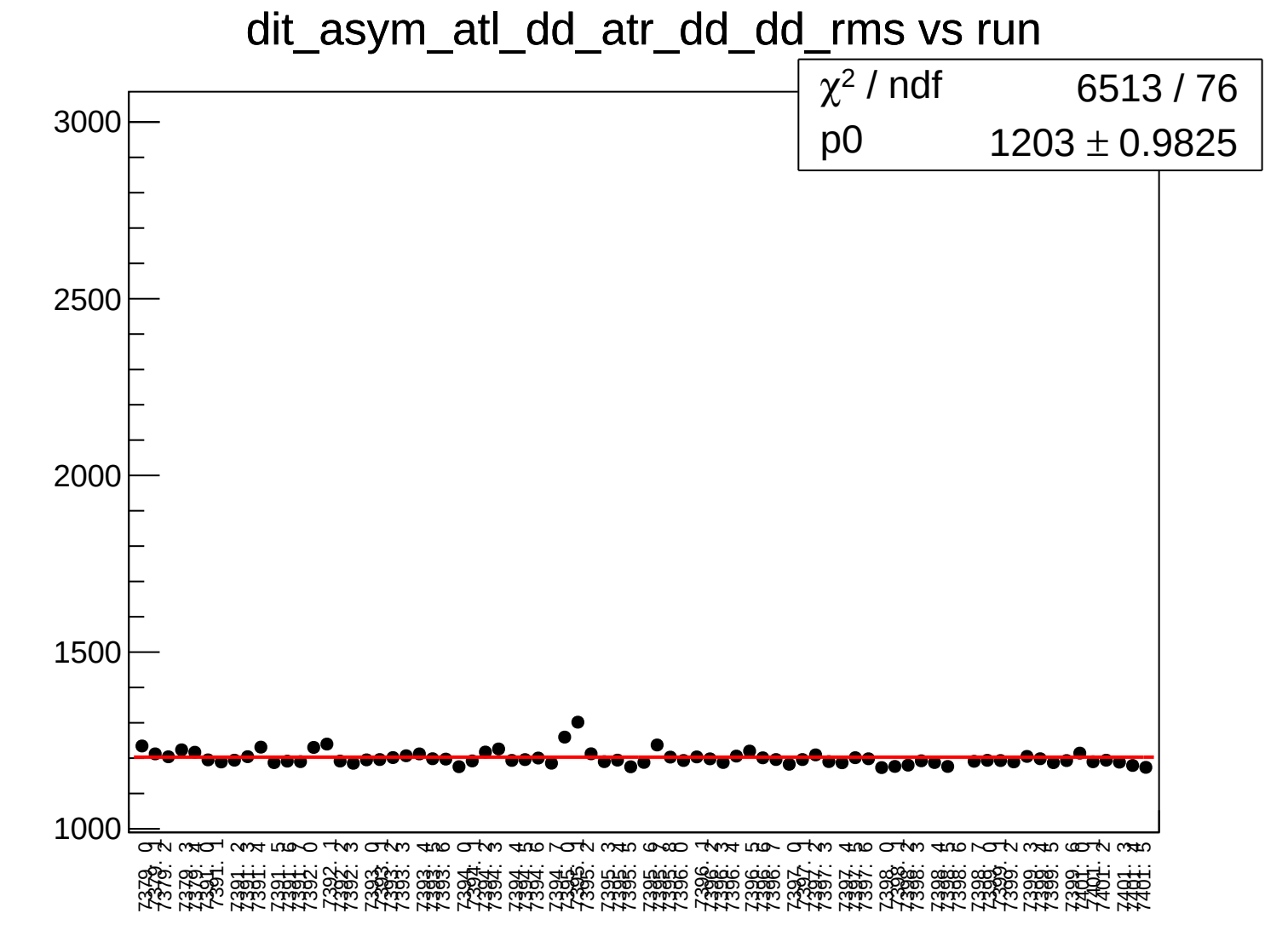

asym_atl_dd_atr_dd_avg_mean vs run
×10^3
χ² / ndf 71.16 / 76
p0 1698 ± 4669
150
100
50
0
−50
−100
−150
pull
Entries 77
Mean 21.93
Std Dev 76.08
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

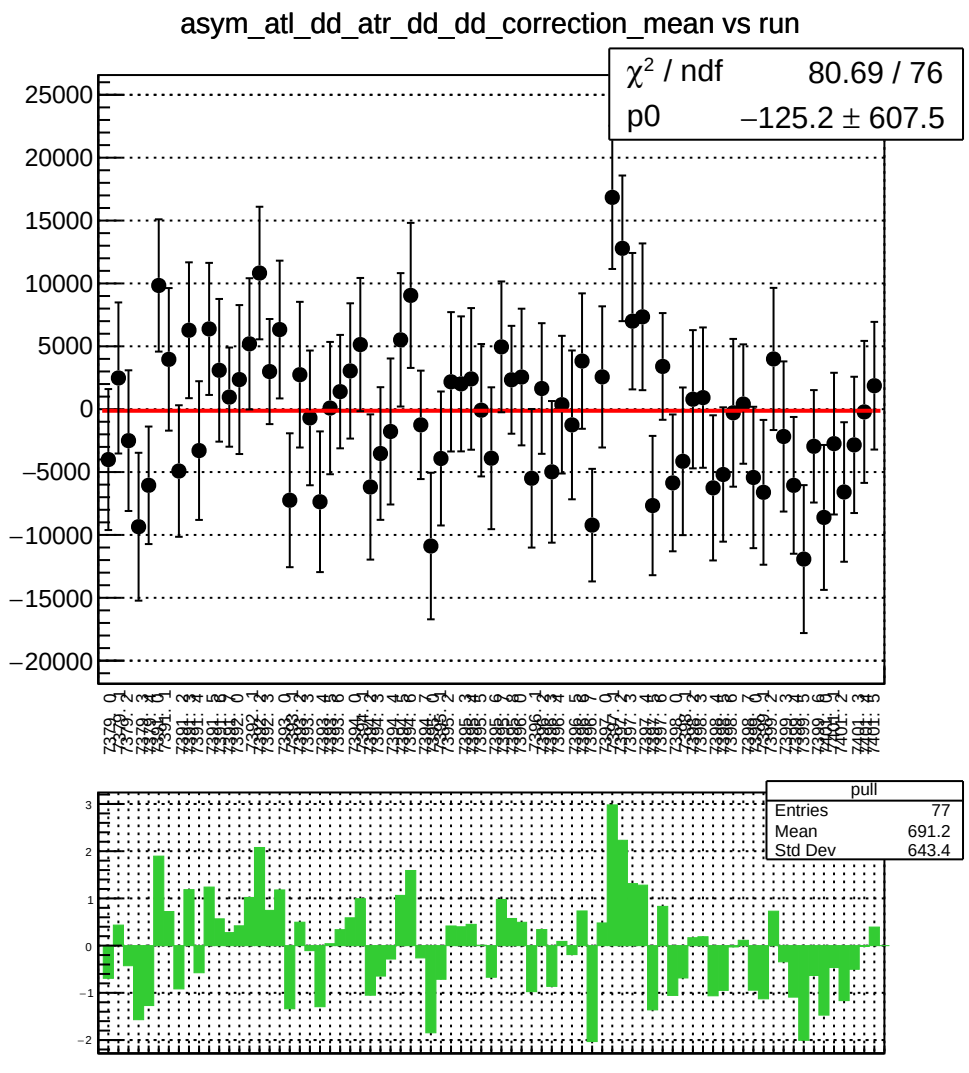

pull1D
Entries 77
Mean −0.01443
Std Dev 0.9612
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

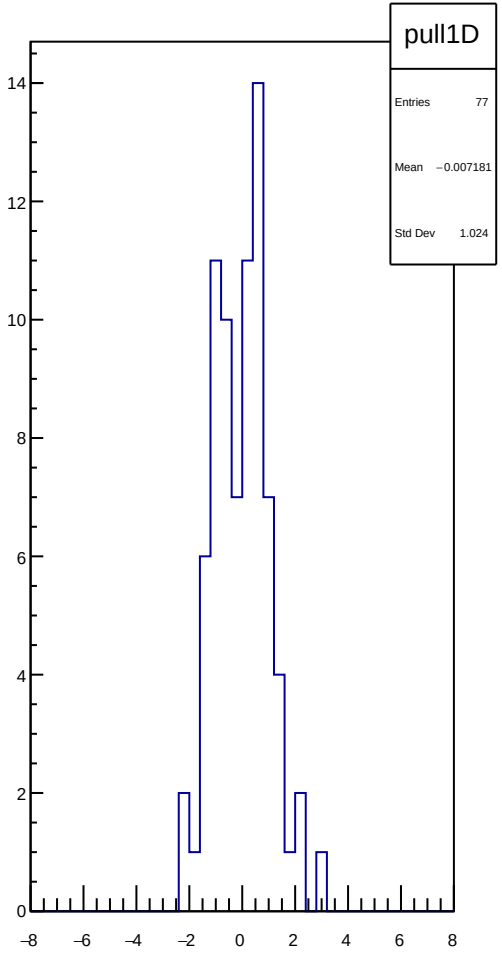

asym_atl_dd_atr_dd_avg_rms vs run
χ^2 / ndf 5136 / 76
p0 4044 ± 3.302
5400
5200
5000
4800
4600
4400
4200
4000
3800
3600

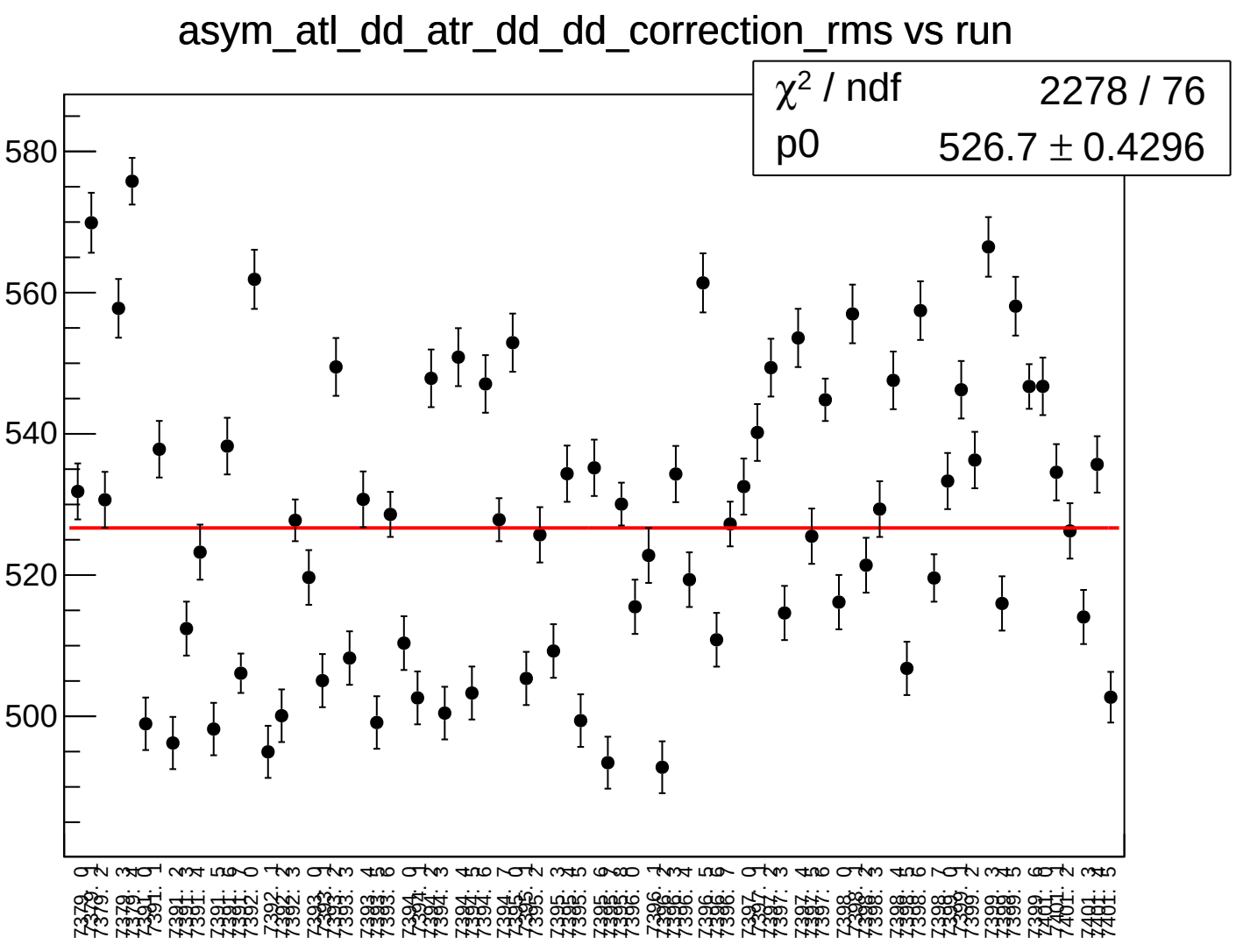

dit_asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 54.43 / 76
p0 −550.1± 1389
30000
20000
10000
0
−10000
−20000
−30000
−40000
pull
Entries 77
Mean 537.4
Std Dev 516.1
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

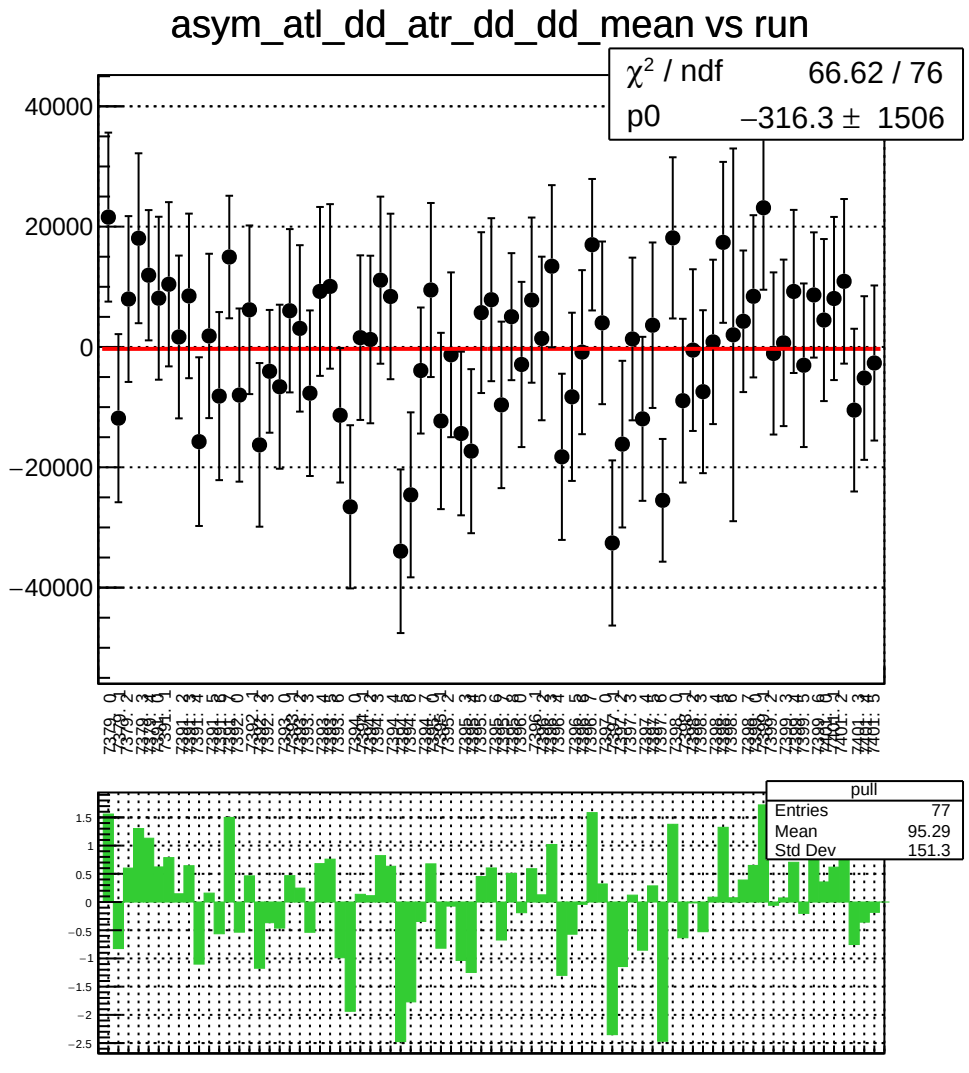

pull1D
Entries 77
Mean −0.004878
Std Dev 0.8408
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

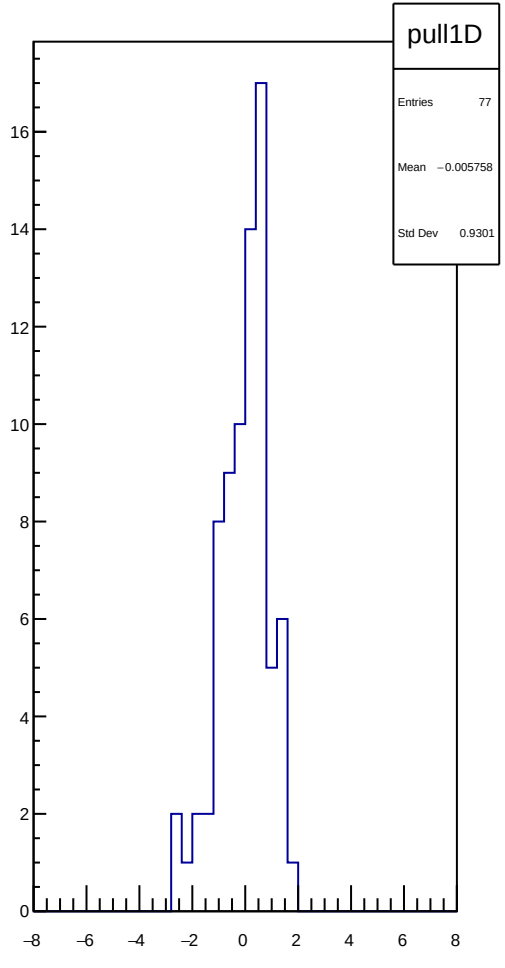

dit_asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 6513 / 76
p0 1203 ± 0.9825
3000
2500
2000
1500
1000

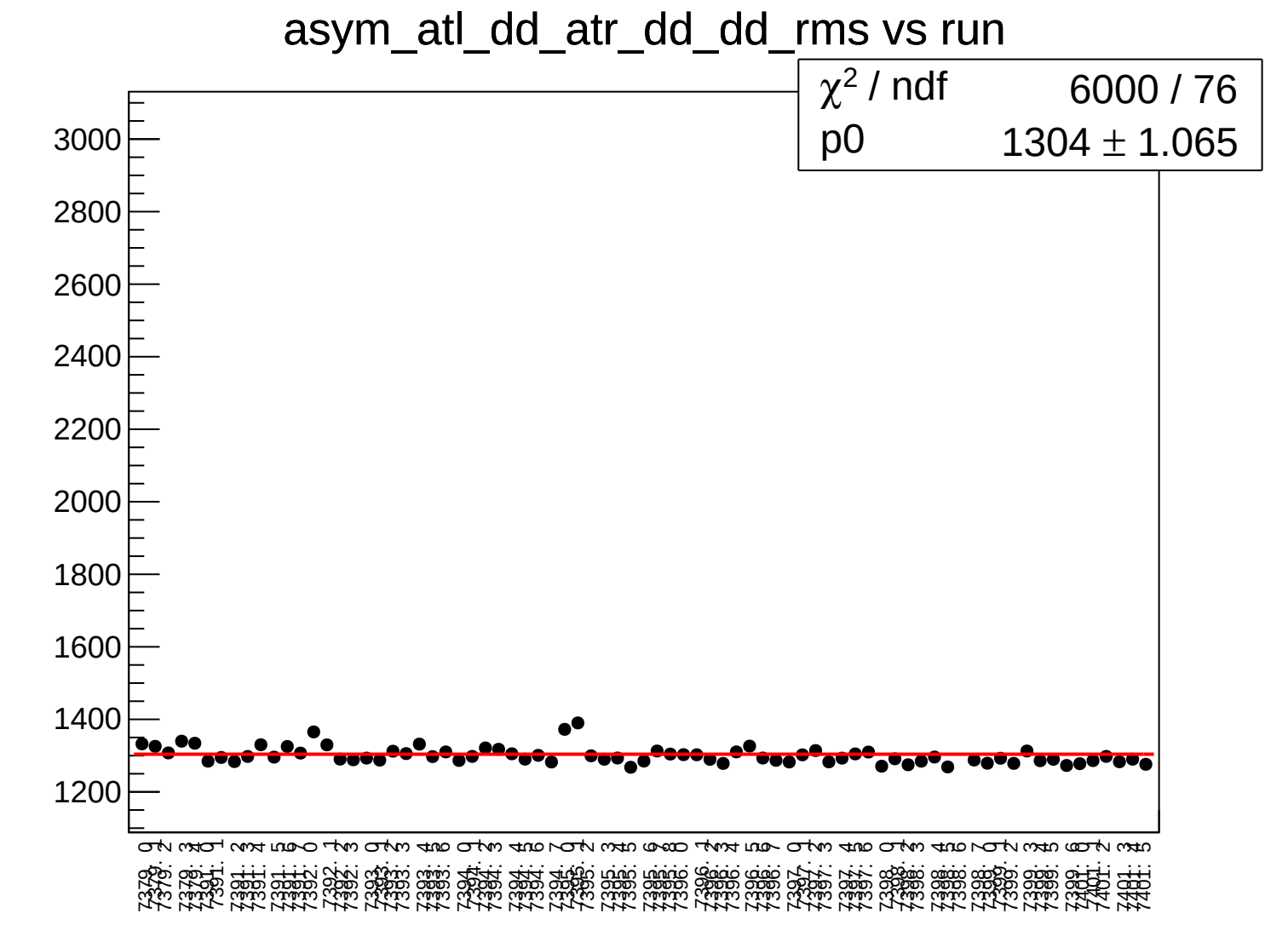

asym_atl_dd_atr_dd_dd_correction_mean vs run
χ² / ndf 80.69 / 76
p0 −125.2 ± 607.5
pull
Entries 77
Mean 691.2
Std Dev 643.4

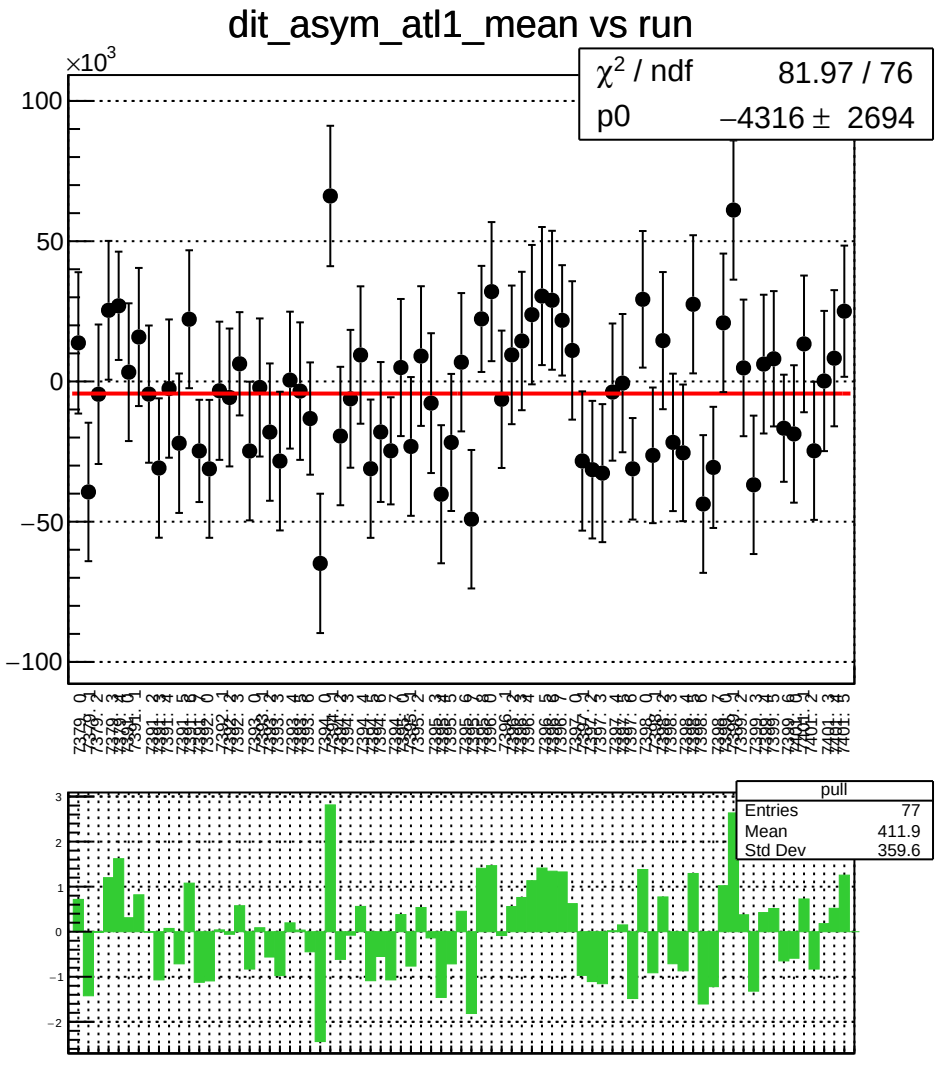

pull1D
Entries 77
Mean −0.007181
Std Dev 1.024

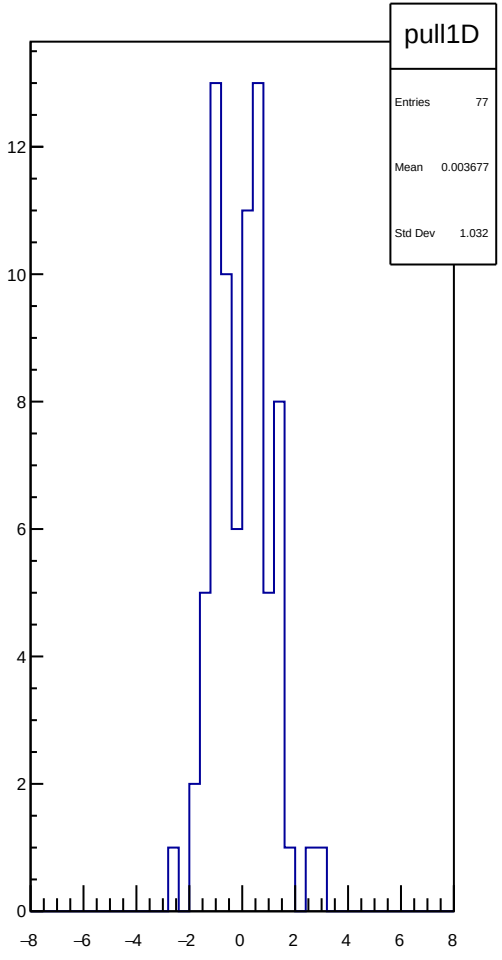

asym_atl_dd_atr_dd_dd_correction_rms vs run
χ² / ndf 2278 / 76
p0 526.7 ± 0.4296
580
560
540
520
500

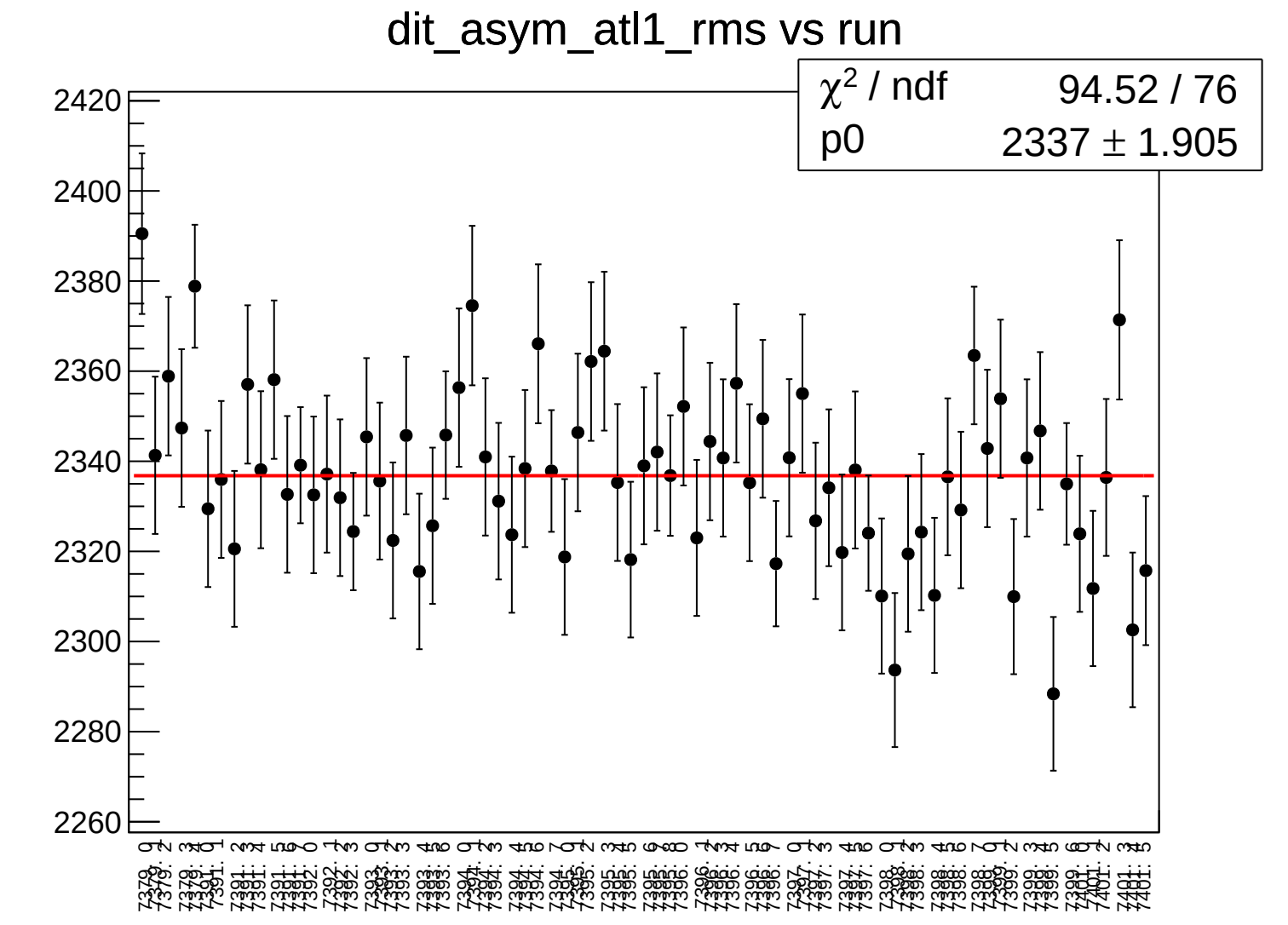

asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 66.62 / 76
p0 −316.3 ± 1506
40000
20000
0
−20000
−40000
pull
Entries 77
Mean 95.29
Std Dev 151.3
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

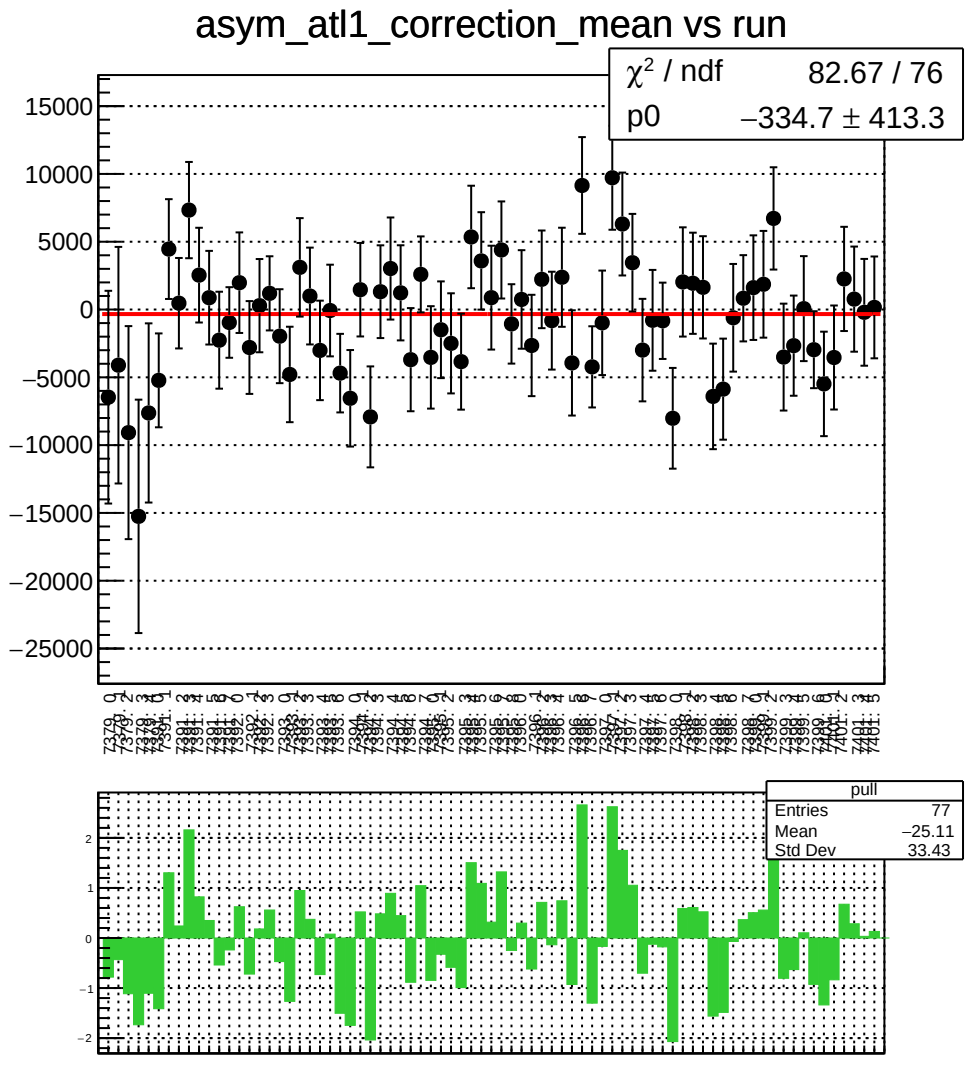

pull1D
Entries 77
Mean −0.005758
Std Dev 0.9301
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

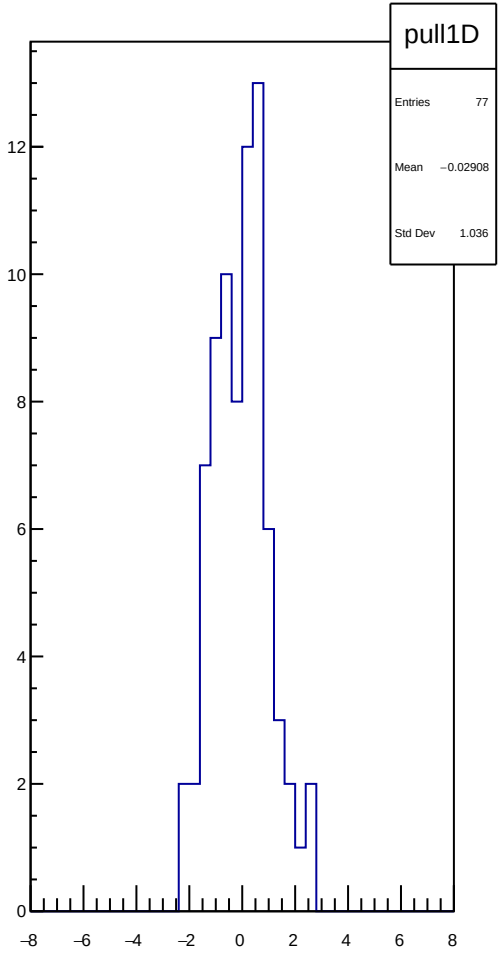

asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 6000 / 76
p0 1304 ± 1.065
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

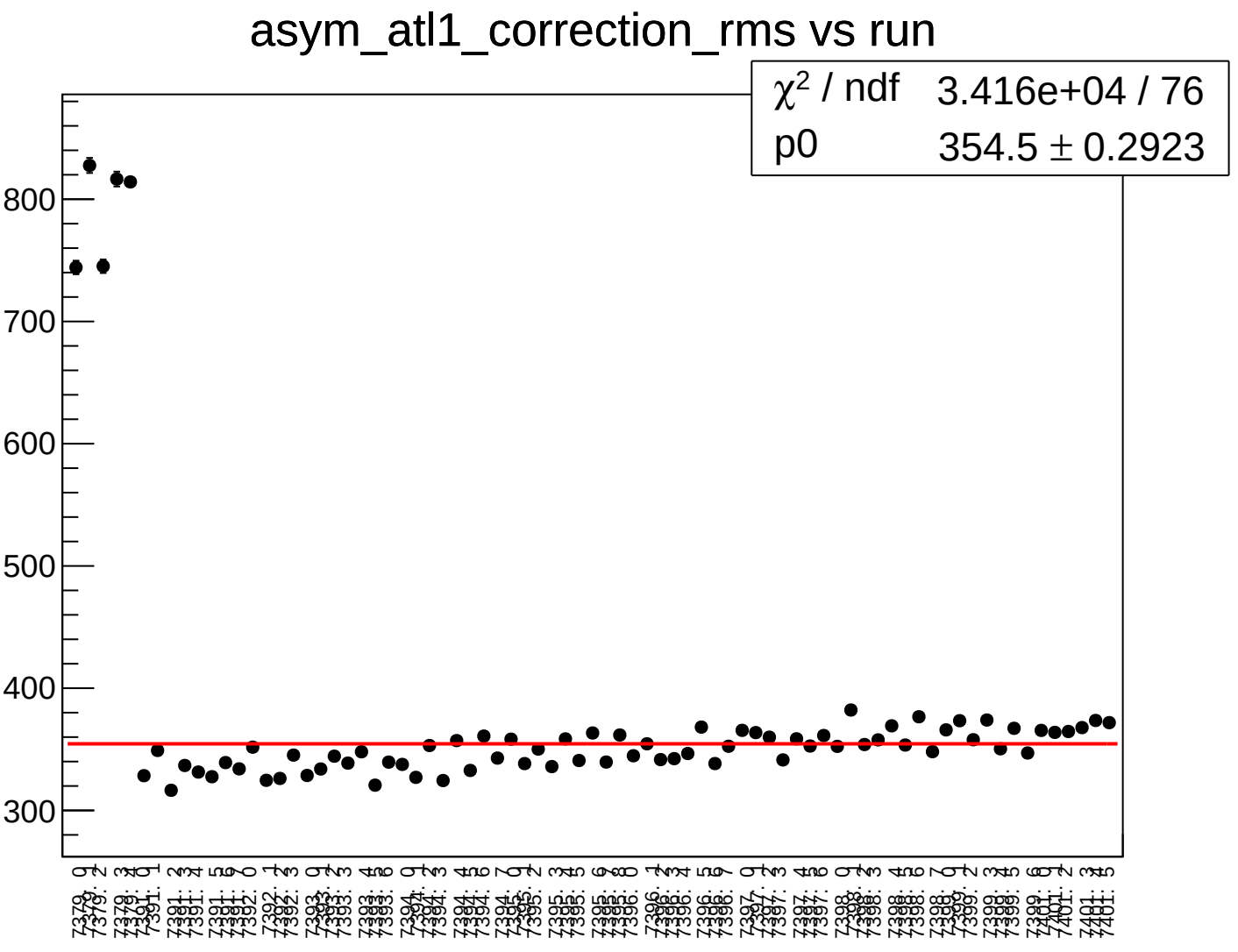

dit_asym_atl1_mean vs run
χ^2 / ndf 81.97 / 76
p0 −4316 ± 2694
pull
Entries 77
Mean 411.9
Std Dev 359.6

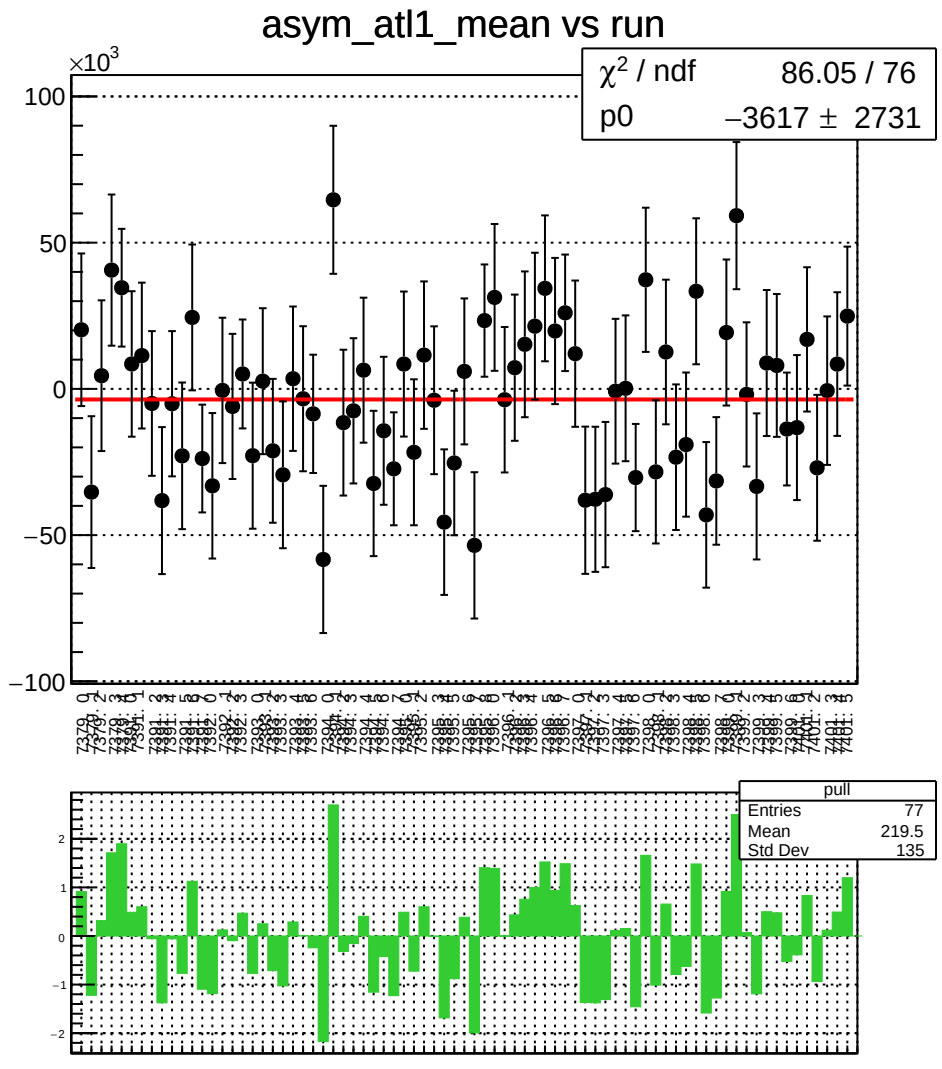

pull1D
Entries 77
Mean 0.003677
Std Dev 1.032

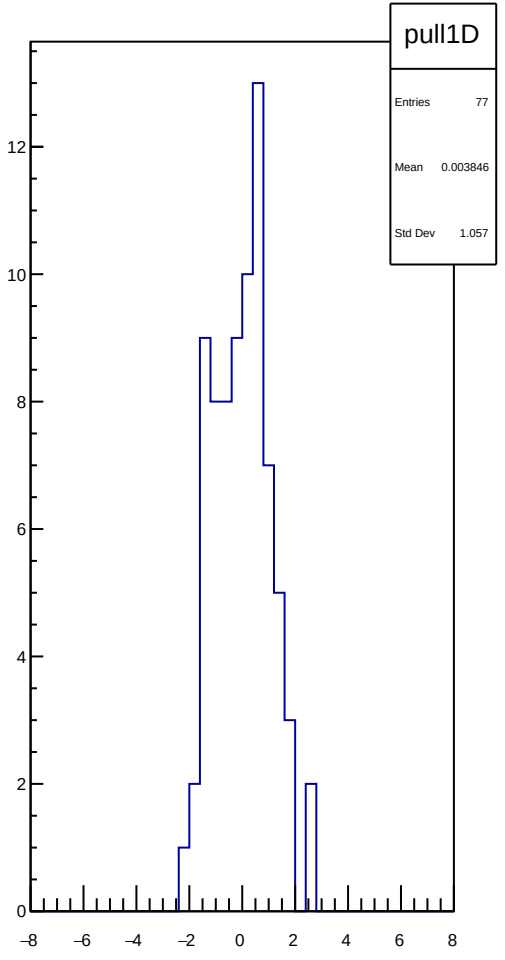

dit_asym_atl1_rms vs run
χ² / ndf 94.52 / 76
p0 2337 ± 1.905
2420
2400
2380
2360
2340
2320
2300
2280
2260

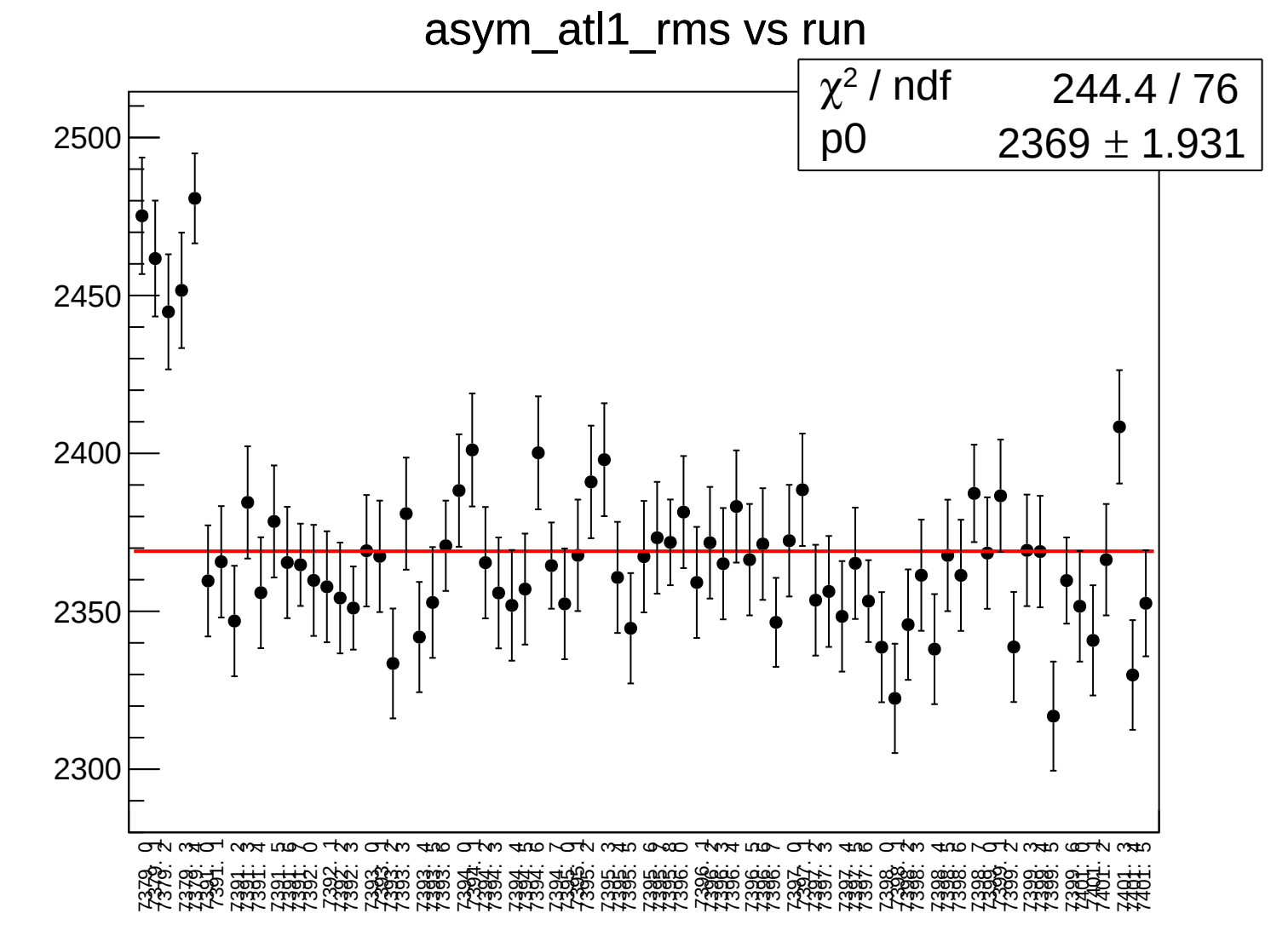

asym_atl1_correction_mean vs run
χ² / ndf 82.67 / 76
p0 −334.7 ± 413.3
15000
10000
5000
0
−5000
−10000
−15000
−20000
−25000
pull
Entries 77
Mean −25.11
Std Dev 33.43
2
1
0
−1
−2

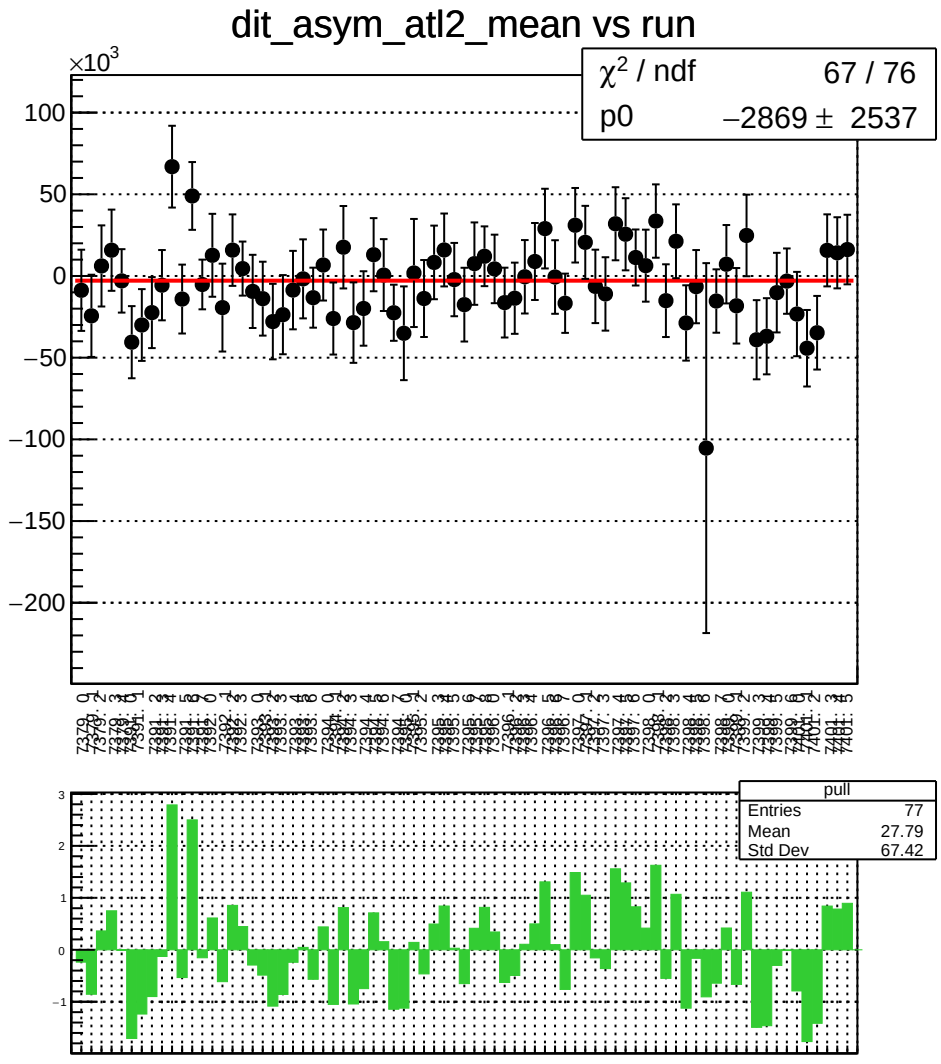

pull1D
Entries 77
Mean −0.02908
Std Dev 1.036
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

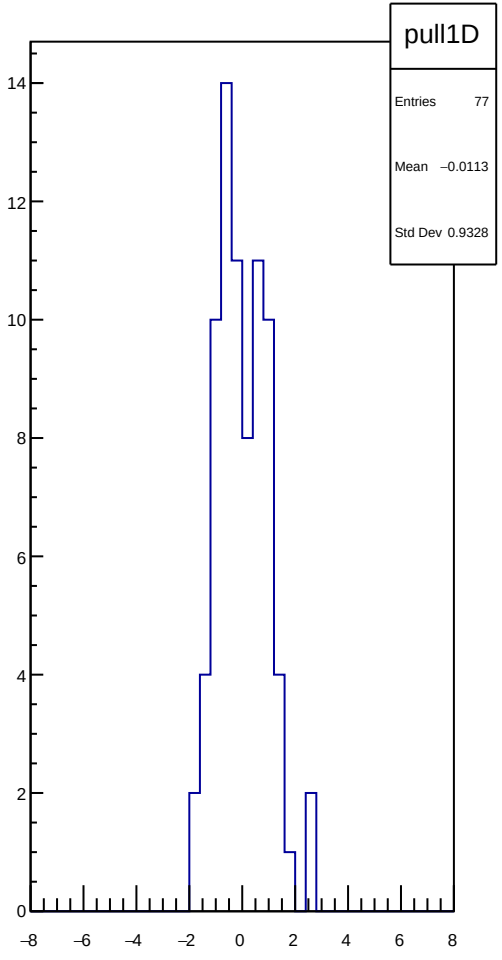

asym_atl1_correction_rms vs run
χ² / ndf 3.416e+04 / 76
p0 354.5 ± 0.2923
800
700
600
500
400
300

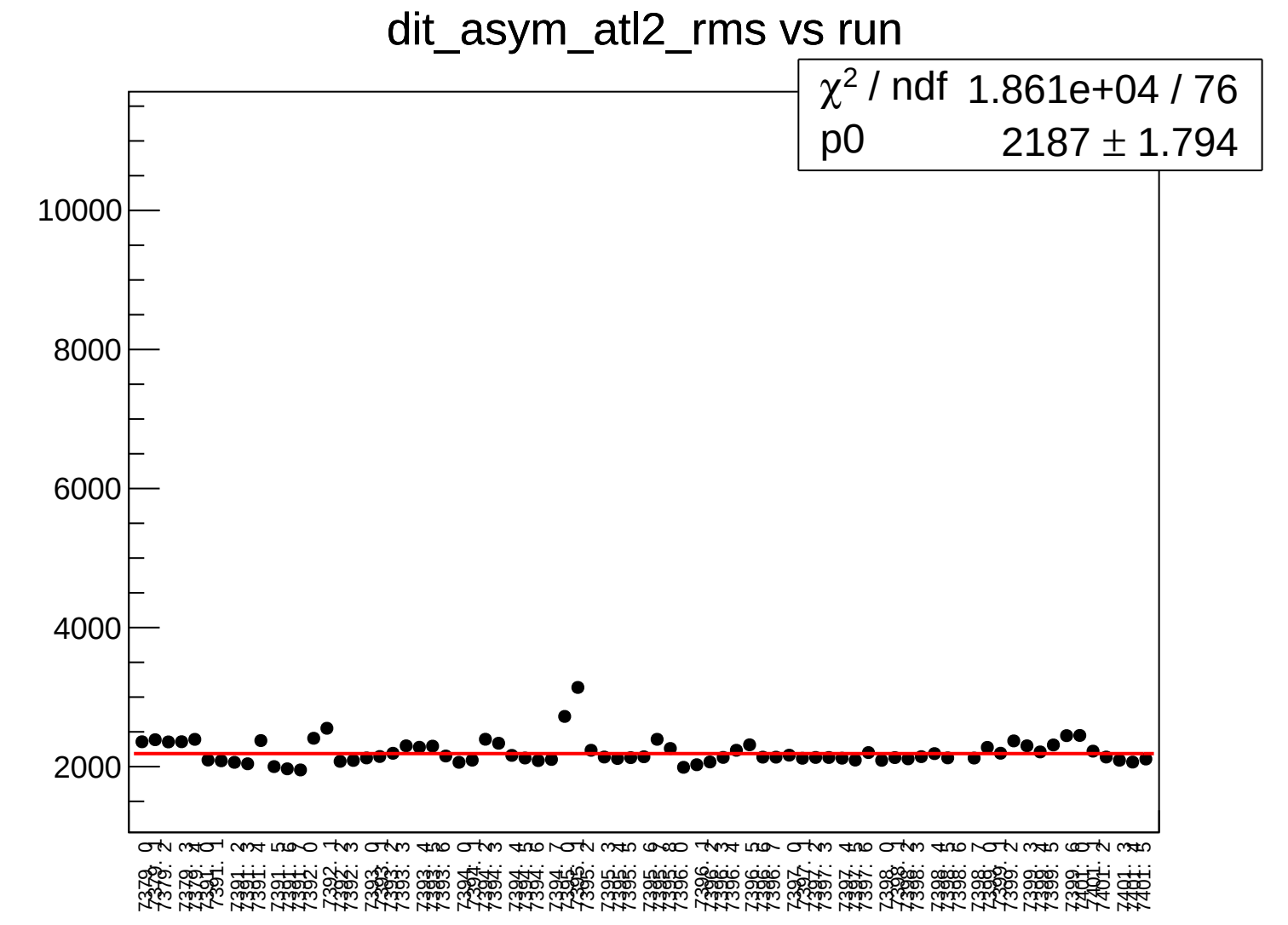

asym_atl1_mean vs run
×10^3
χ² / ndf 86.05 / 76
p0 −3617 ± 2731
100
50
0
−50
−100
pull
Entries 77
Mean 219.5
Std Dev 135
2
1
0
−1
−2

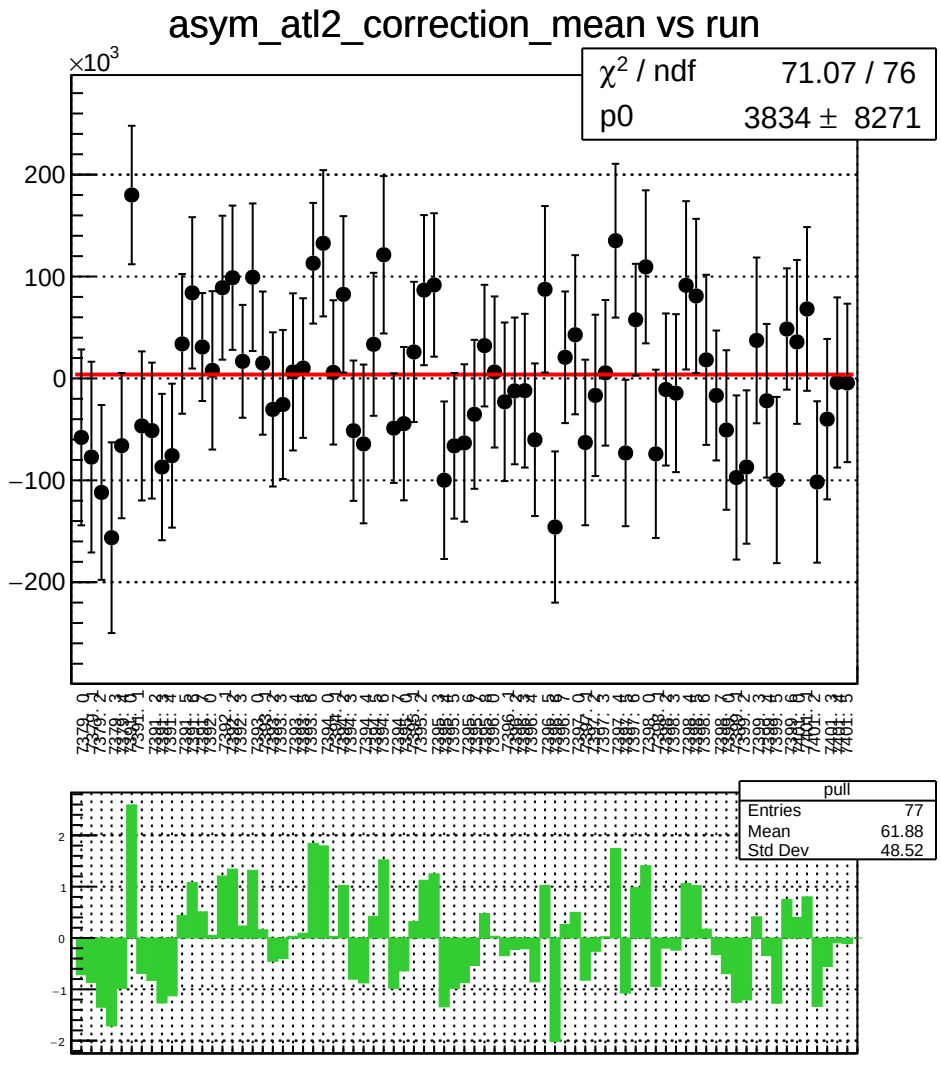

pull1D
Entries 77
Mean 0.003846
Std Dev 1.057
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

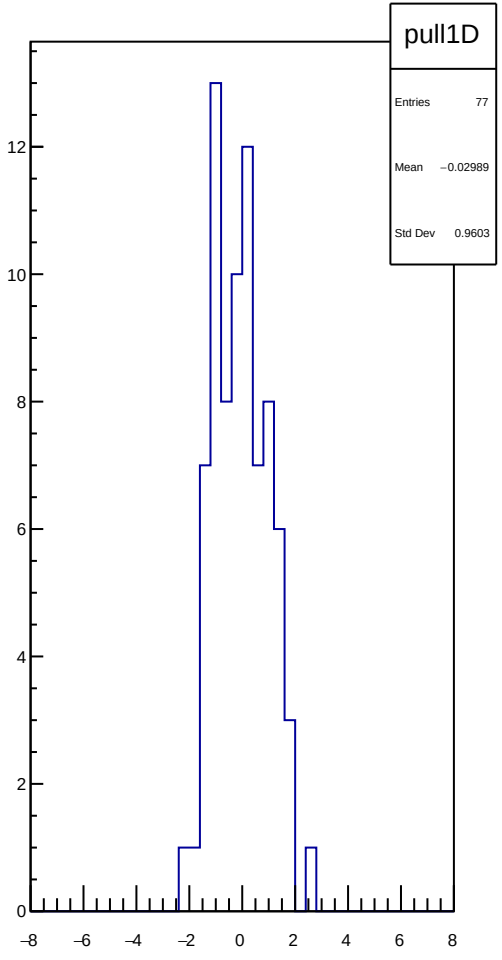

asym_atl1_rms vs run
χ² / ndf 244.4 / 76
p0 2369 ± 1.931
2500
2450
2400
2350
2300

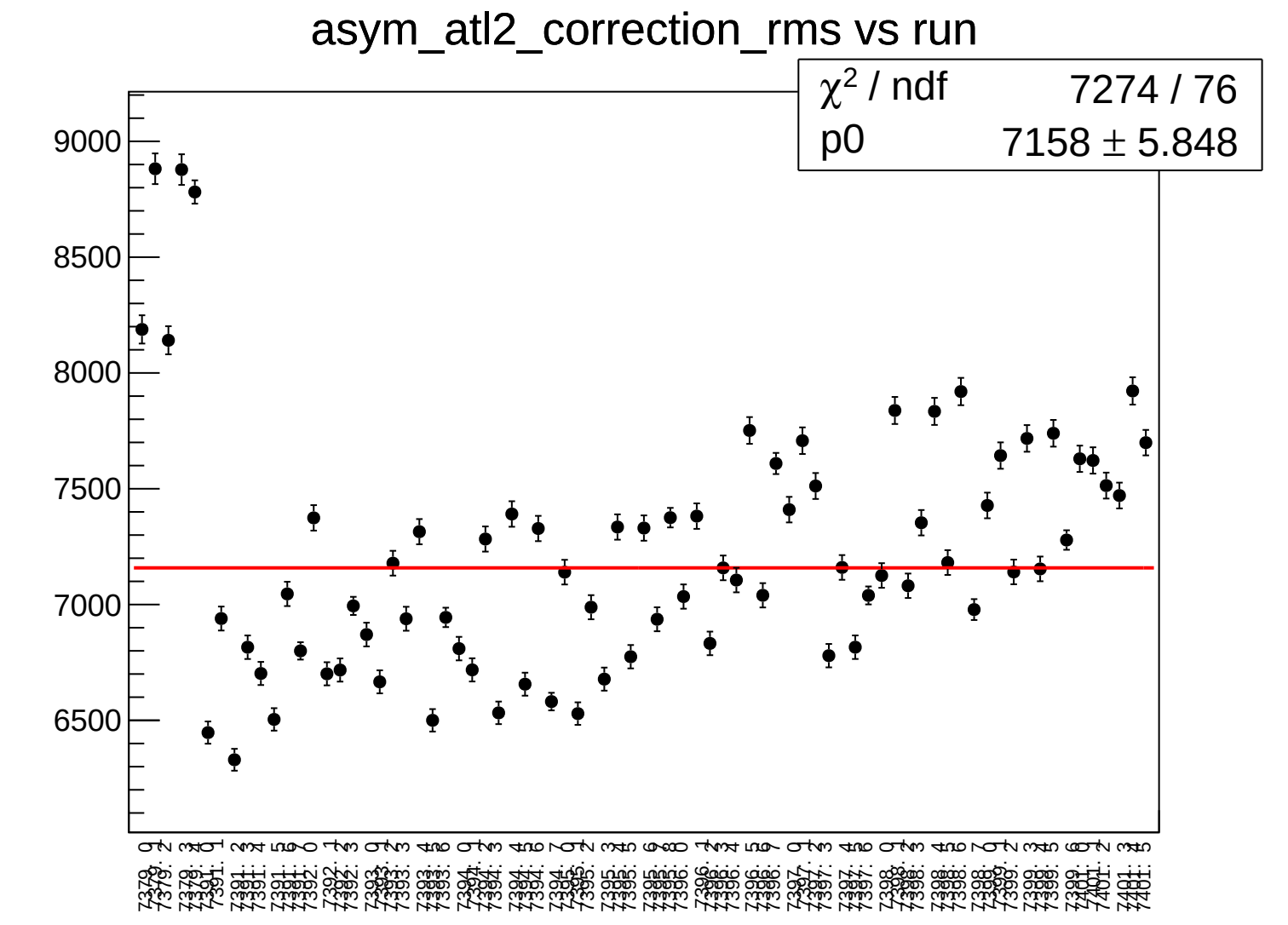

dit_asym_atl2_mean vs run
×10^3
χ² / ndf 67 / 76
p0 −2869 ± 2537
pull
Entries 77
Mean 27.79
Std Dev 67.42

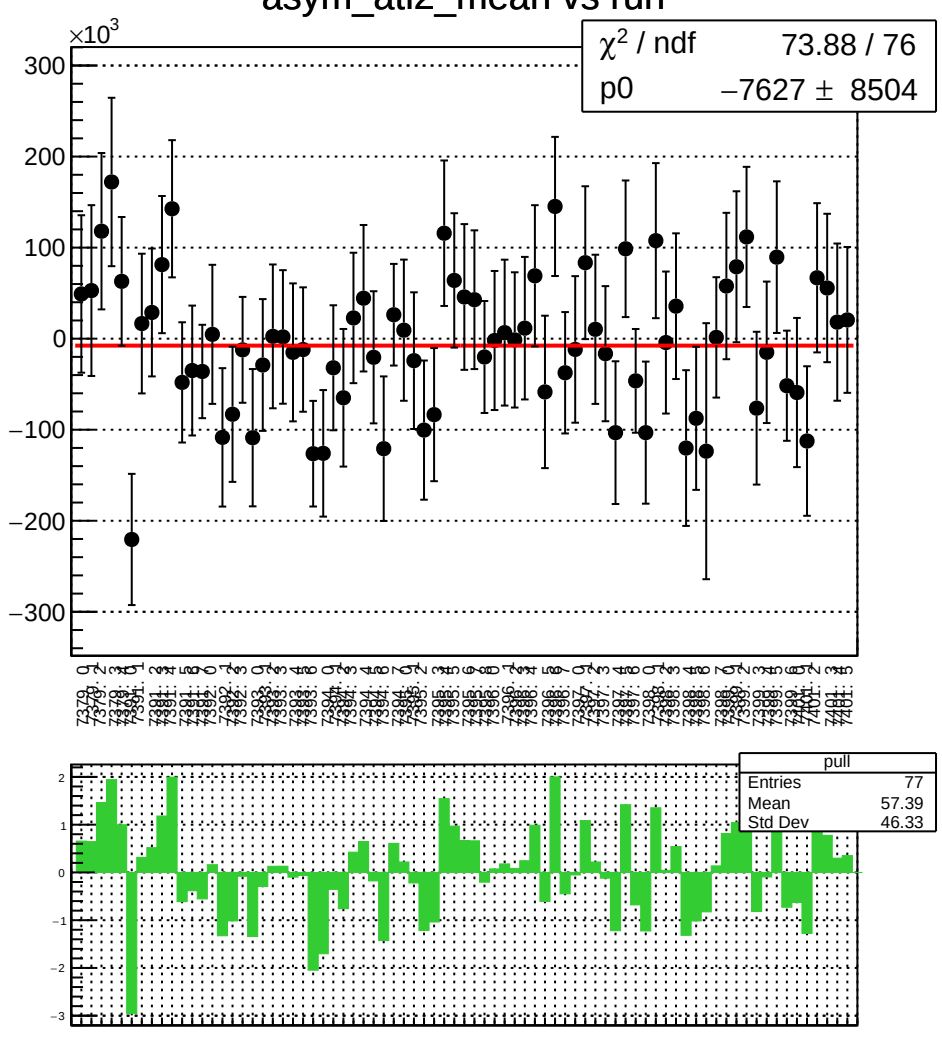

pull1D
Entries 77
Mean −0.0113
Std Dev 0.9328

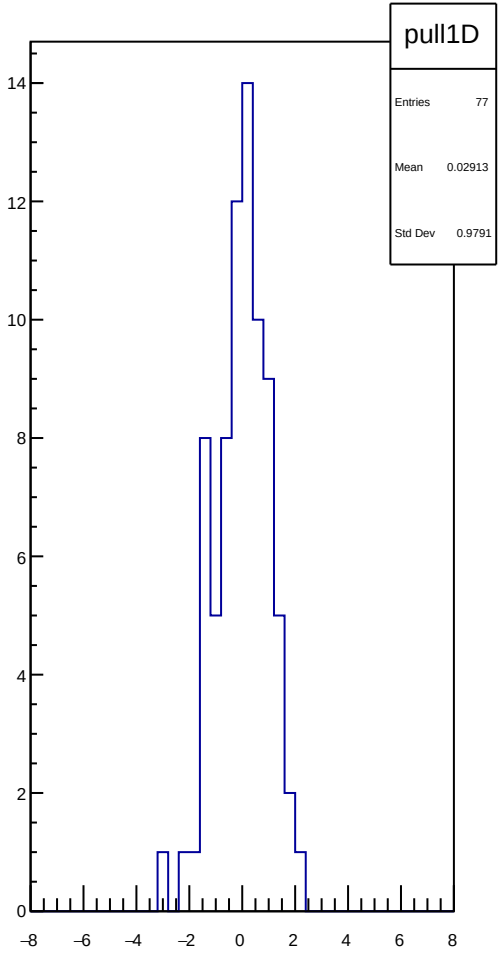

dit_asym_atl2_rms vs run
χ^2 / ndf 1.861e+04 / 76
p0 2187 ± 1.794
10000
8000
6000
4000
2000

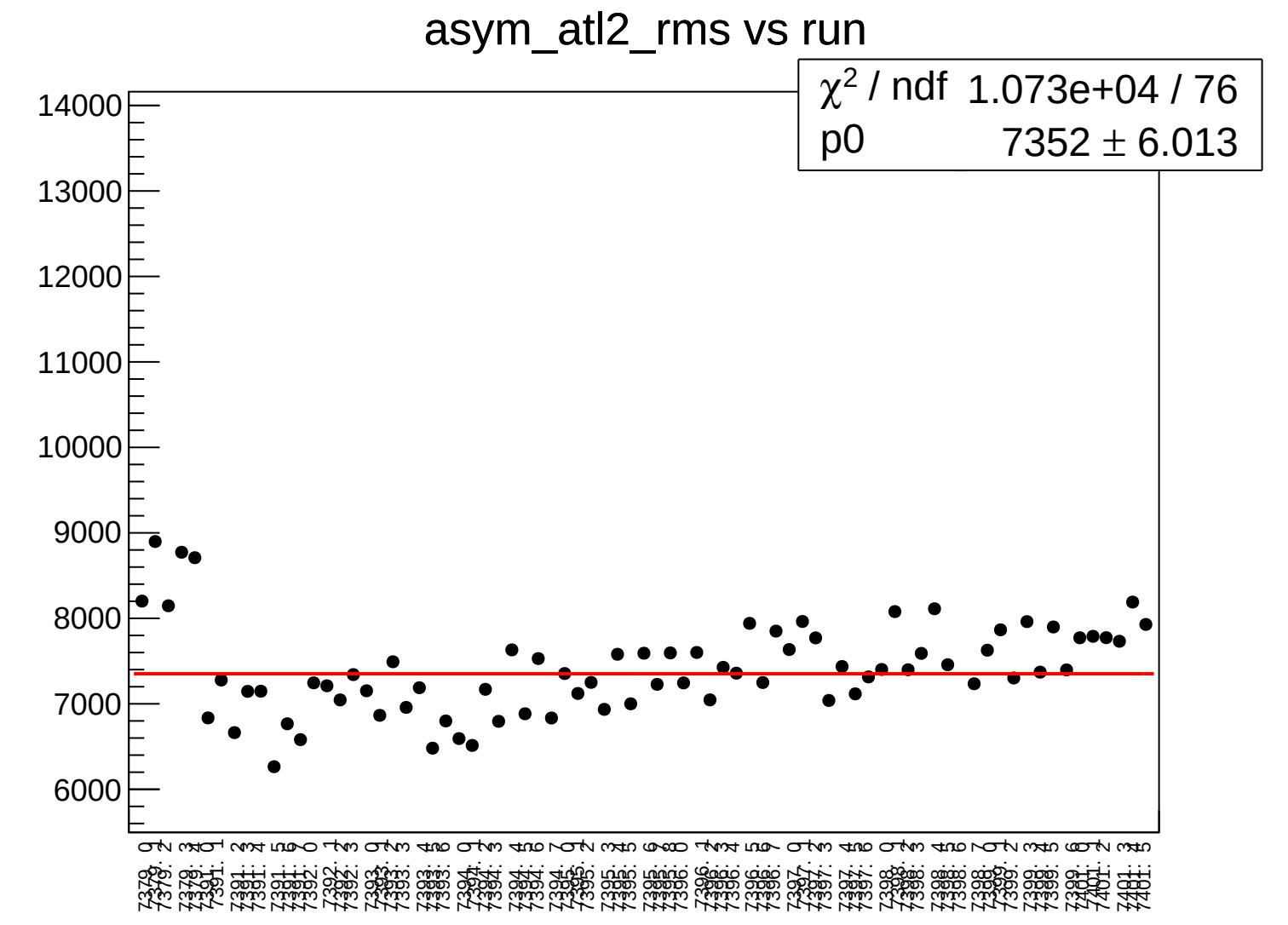

asym_atl2_correction_mean vs run
×10^3
χ² / ndf 71.07 / 76
p0 3834 ± 8271
200
100
0
−100
−200
pull
Entries 77
Mean 61.88
Std Dev 48.52
2
1
0
−1
−2

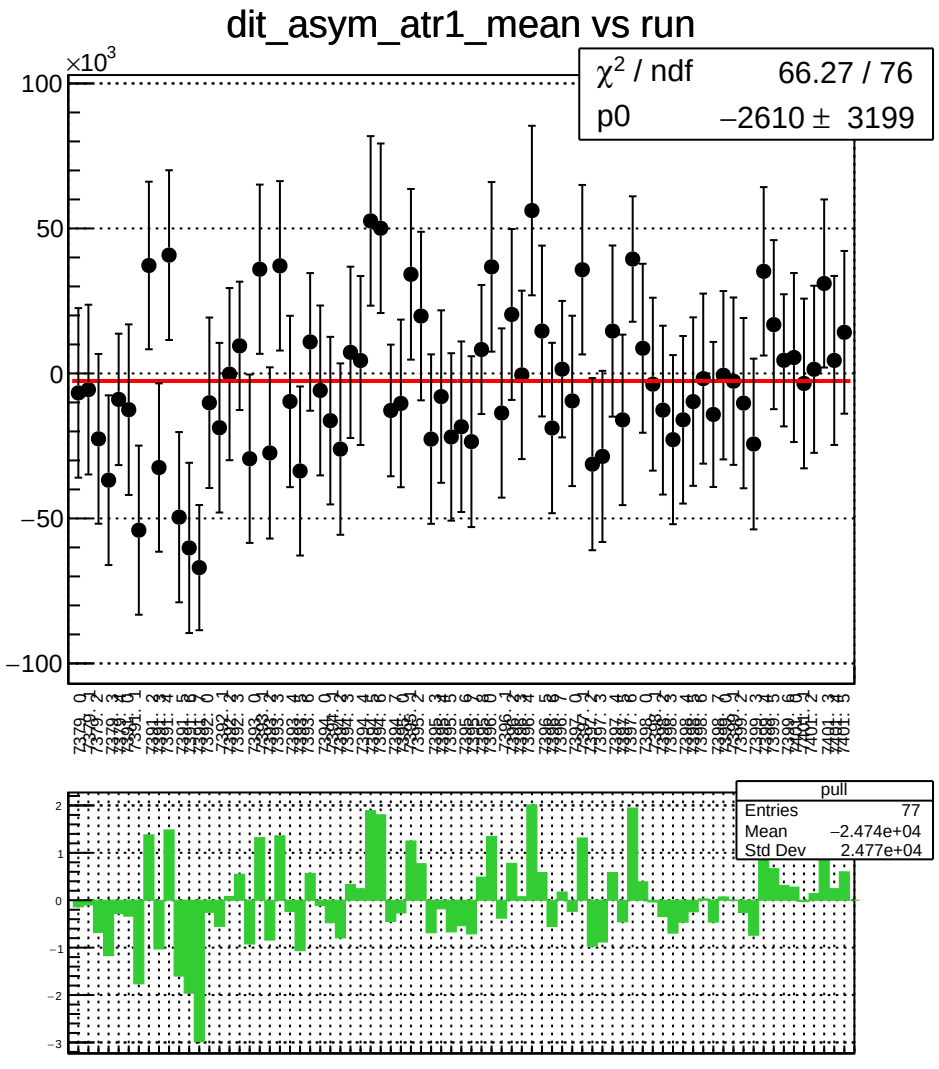

pull1D
Entries 77
Mean −0.02989
Std Dev 0.9603
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

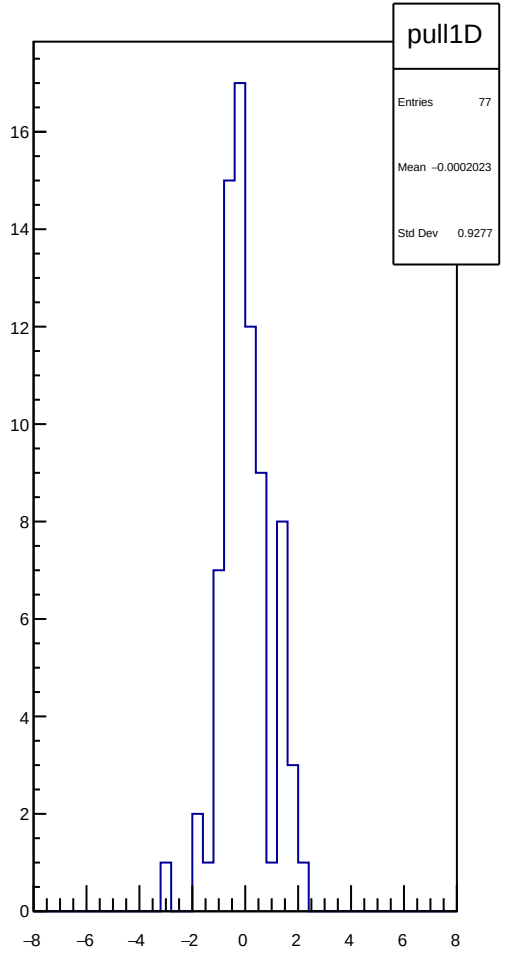

asym_atl2_correction_rms vs run
χ^2 / ndf 7274 / 76
p0 7158 ± 5.848
9000
8500
8000
7500
7000
6500

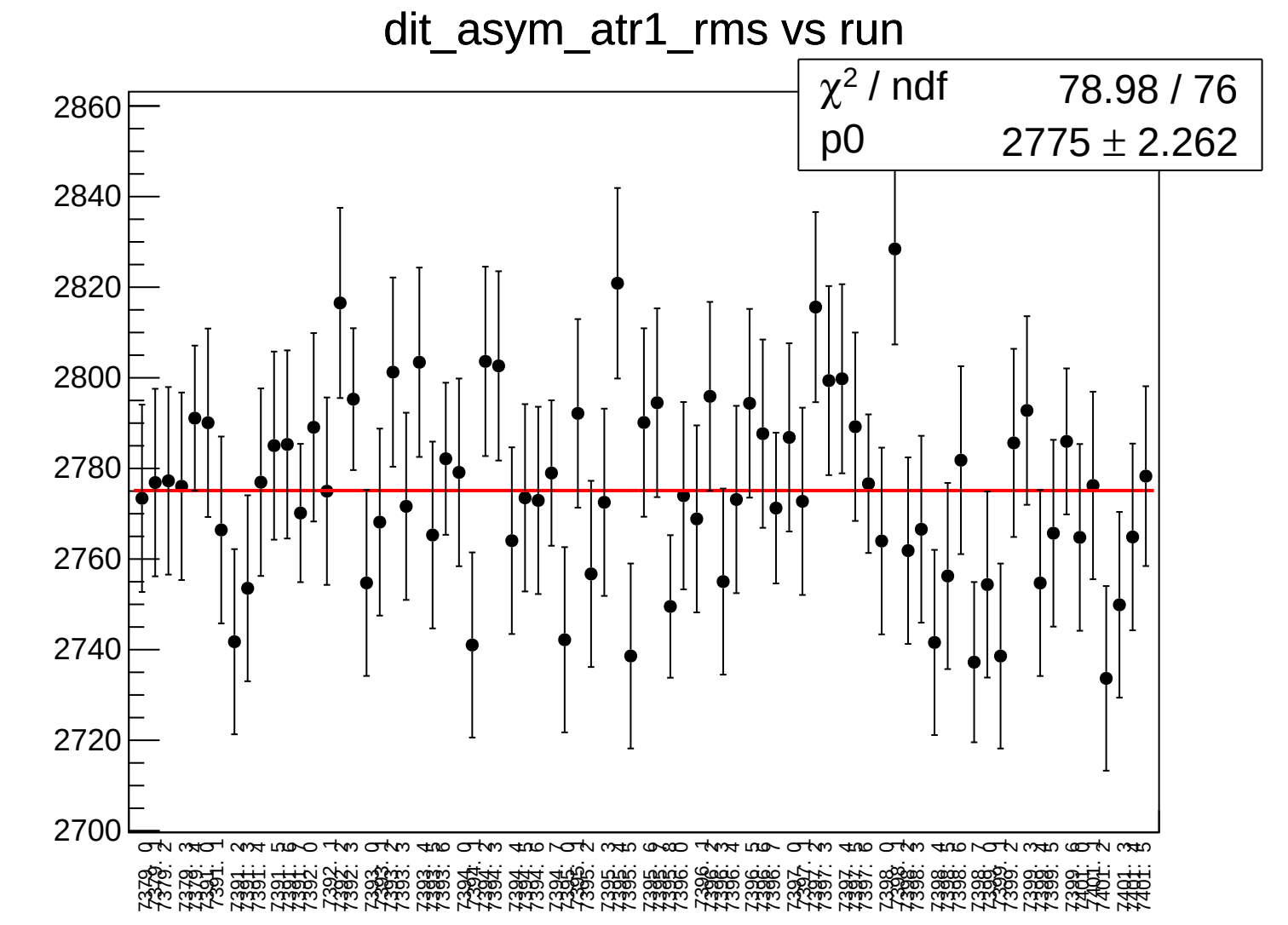

asym_atl2_mean vs run
×10^3
χ² / ndf 73.88 / 76
p0 −7627 ± 8504
pull
Entries 77
Mean 57.39
Std Dev 46.33

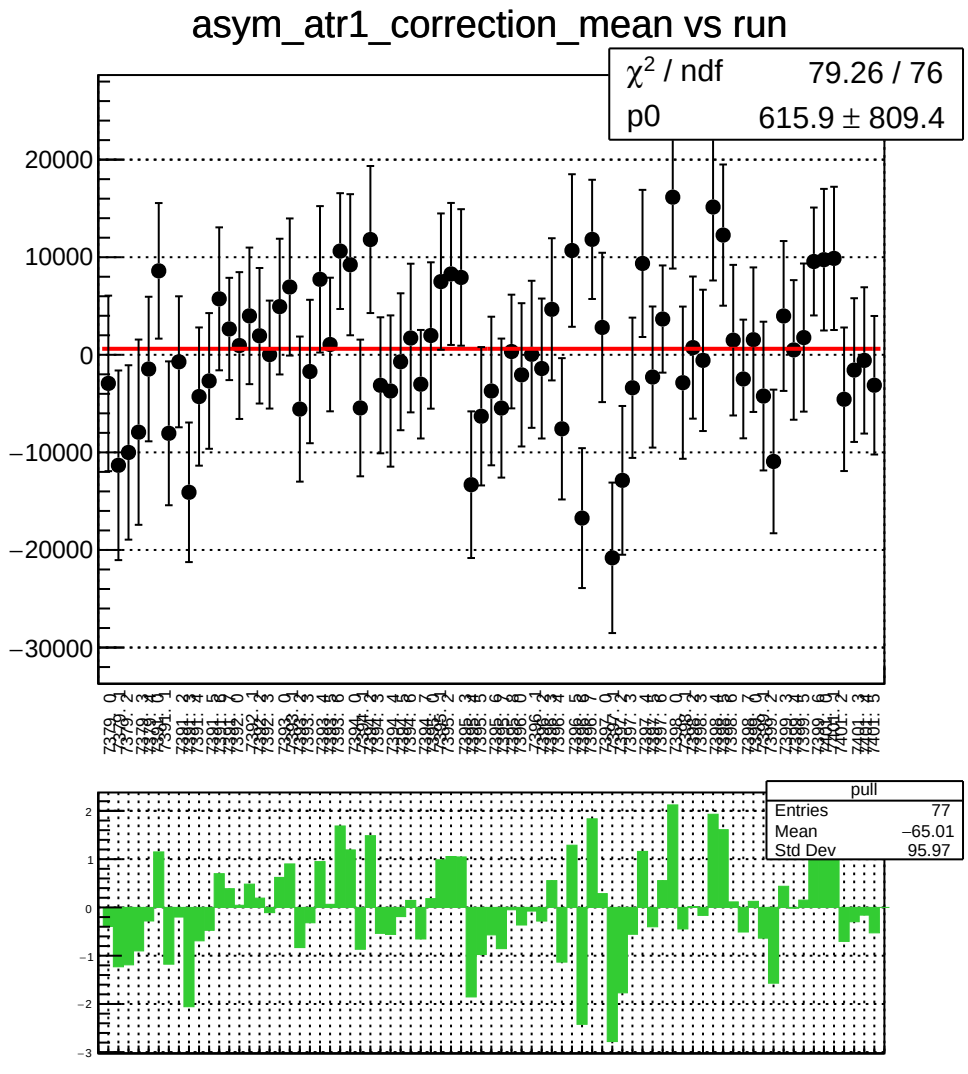

pull1D
Entries 77
Mean 0.02913
Std Dev 0.9791

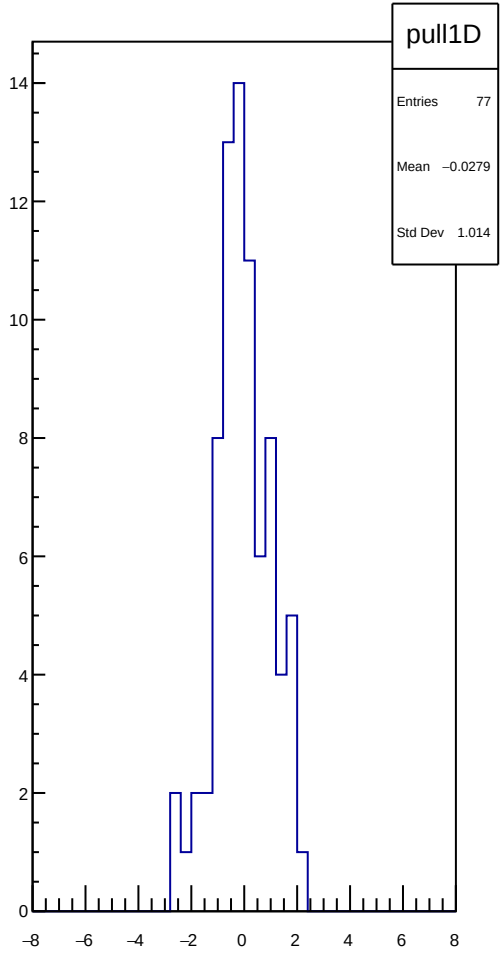

asym_atl2_rms vs run
χ^2 / ndf 1.073e+04 / 76
p0 7352 ± 6.013
14000
13000
12000
11000
10000
9000
8000
7000
6000

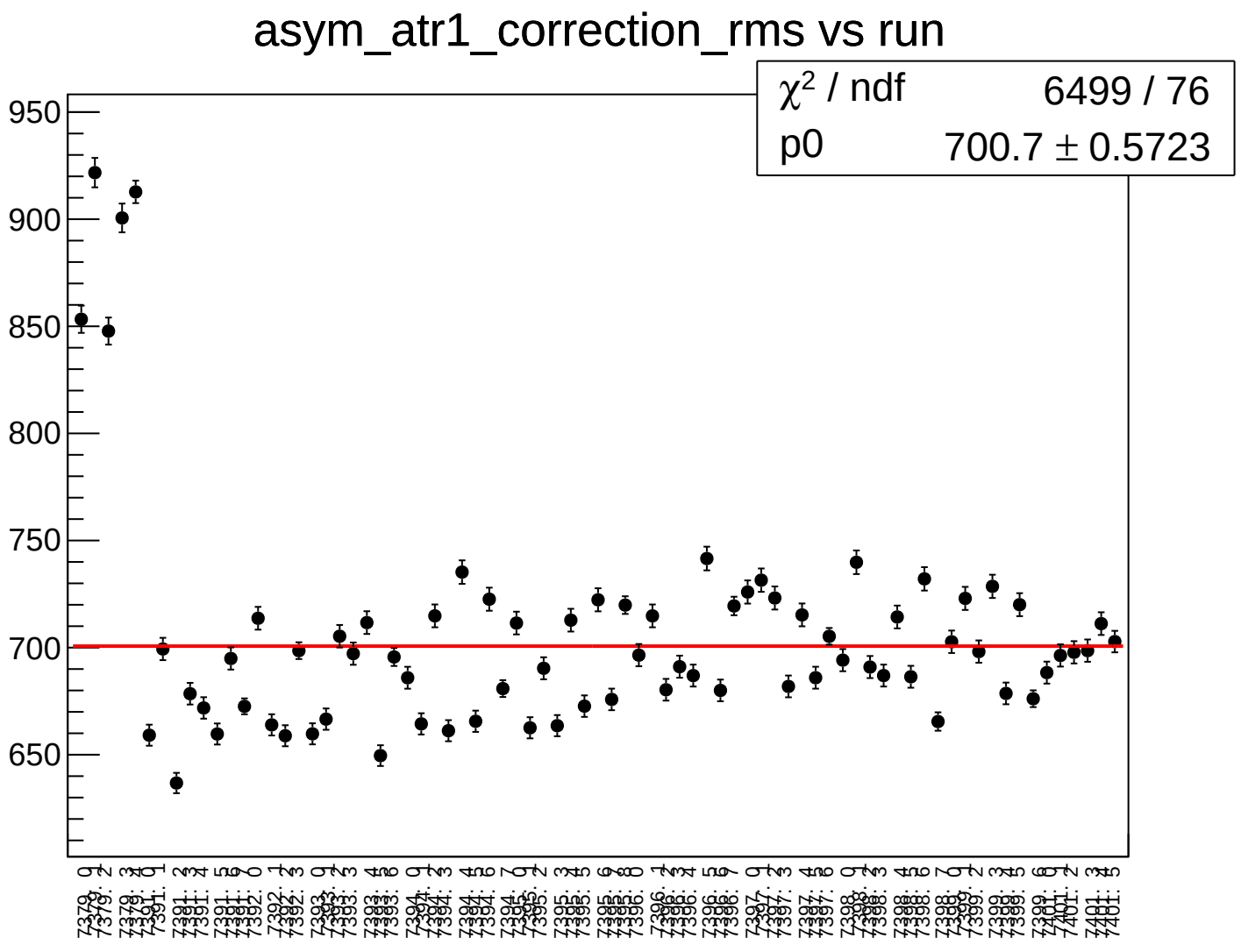

dit_asym_atr1_mean vs run
×10^3
χ² / ndf 66.27 / 76
p0 −2610 ± 3199
100
50
0
−50
−100
pull
Entries 77
Mean −2.474e+04
Std Dev 2.477e+04
2
1
0
−1
−2
−3

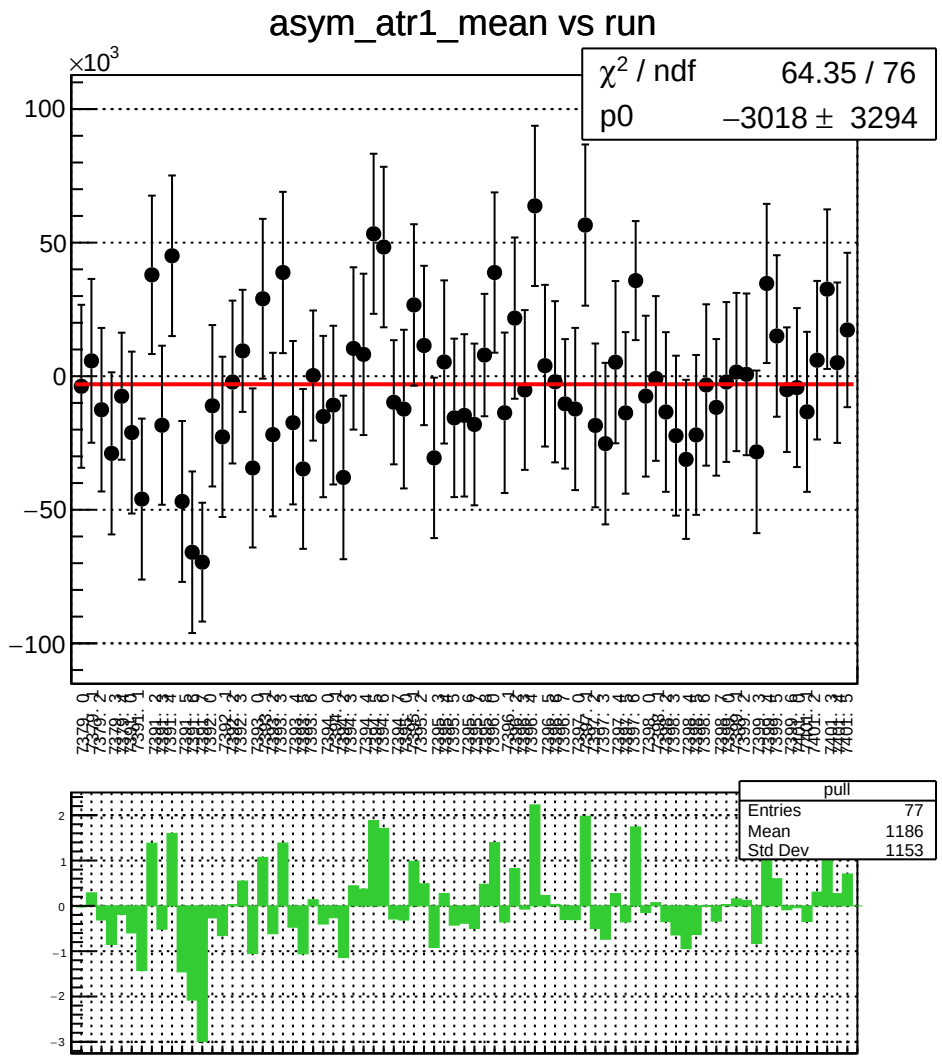

pull1D
Entries 77
Mean −0.0002023
Std Dev 0.9277
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

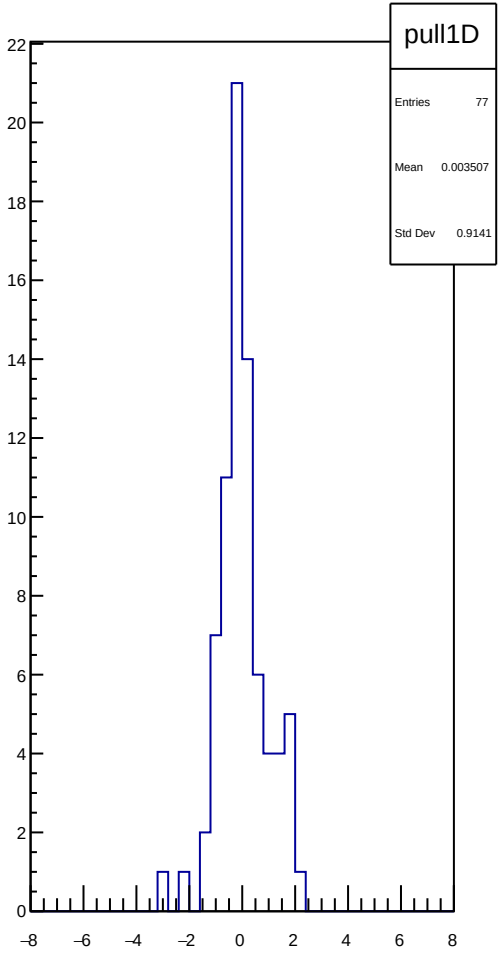

dit_asym_atr1_rms vs run
χ^2 / ndf 78.98 / 76
p0 2775 ± 2.262
2860
2840
2820
2800
2780
2760
2740
2720
2700

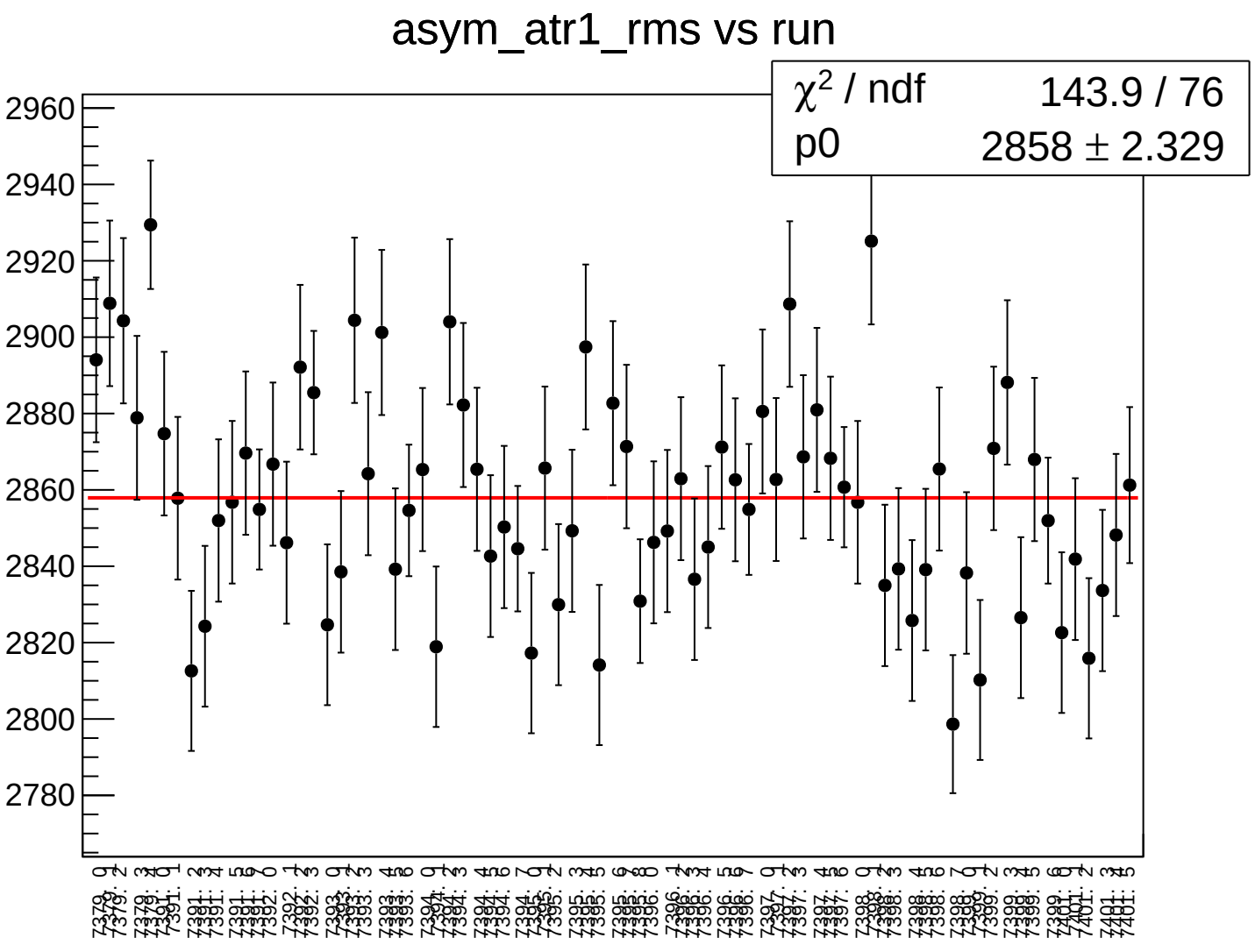

asym_atr1_correction_mean vs run
χ² / ndf 79.26 / 76
p0 615.9 ± 809.4
20000
10000
0
−10000
−20000
−30000
pull
Entries 77
Mean −65.01
Std Dev 95.97
2
1
0
−1
−2
−3

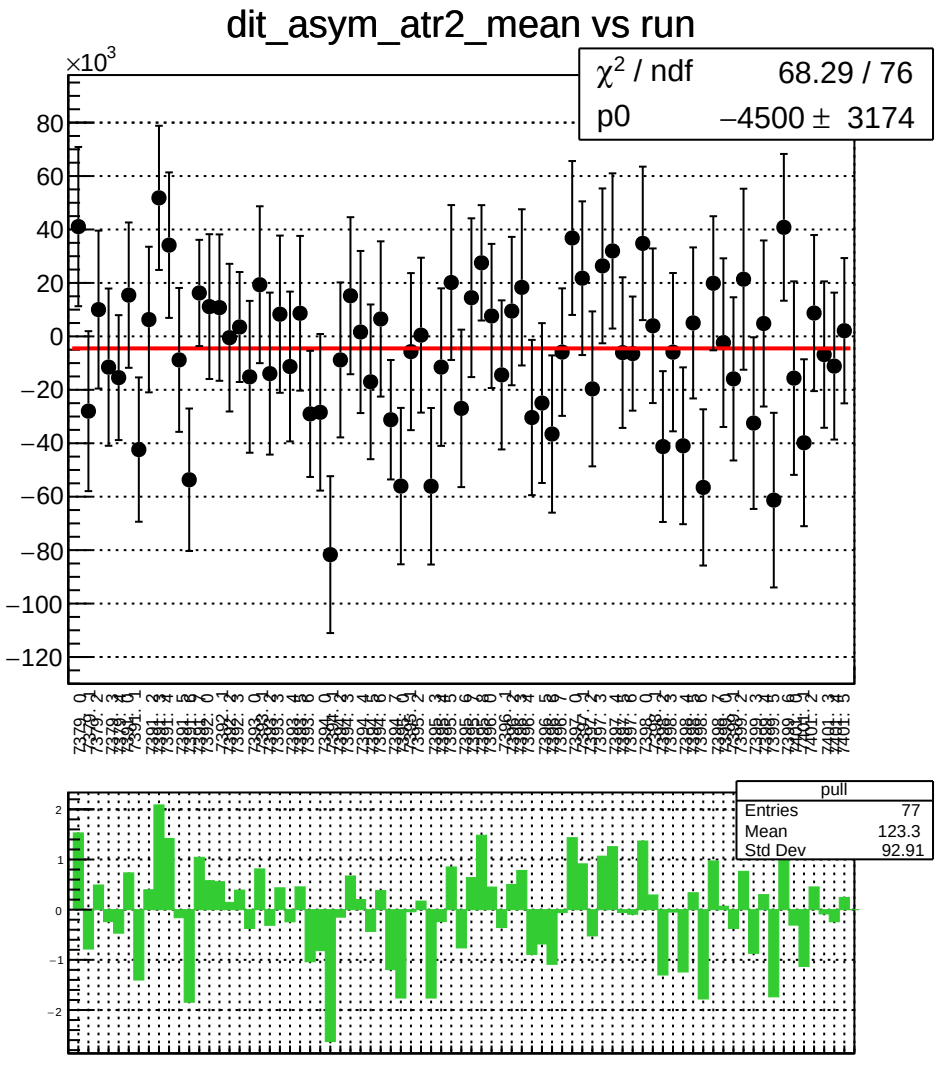

pull1D
Entries 77
Mean −0.0279
Std Dev 1.014
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

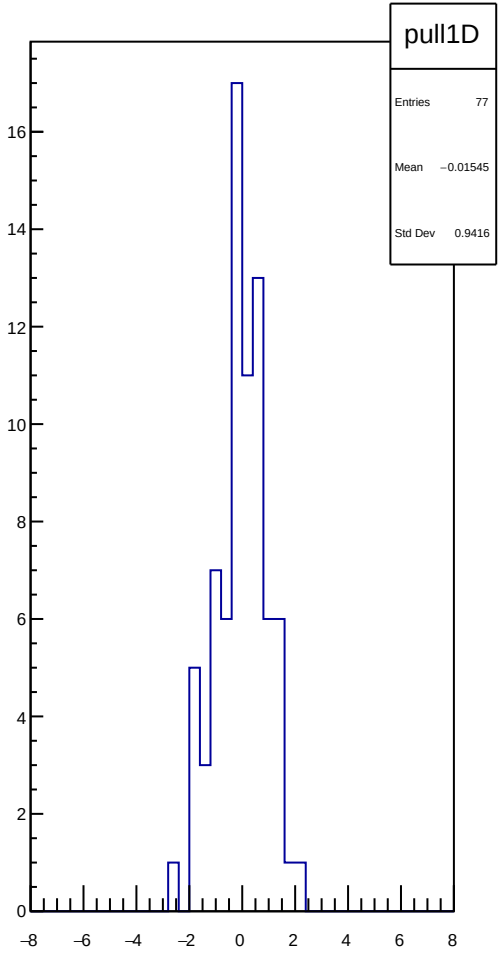

asym_atr1_correction_rms vs run
χ² / ndf 6499 / 76
p0 700.7 ± 0.5723
950
900
850
800
750
700
650

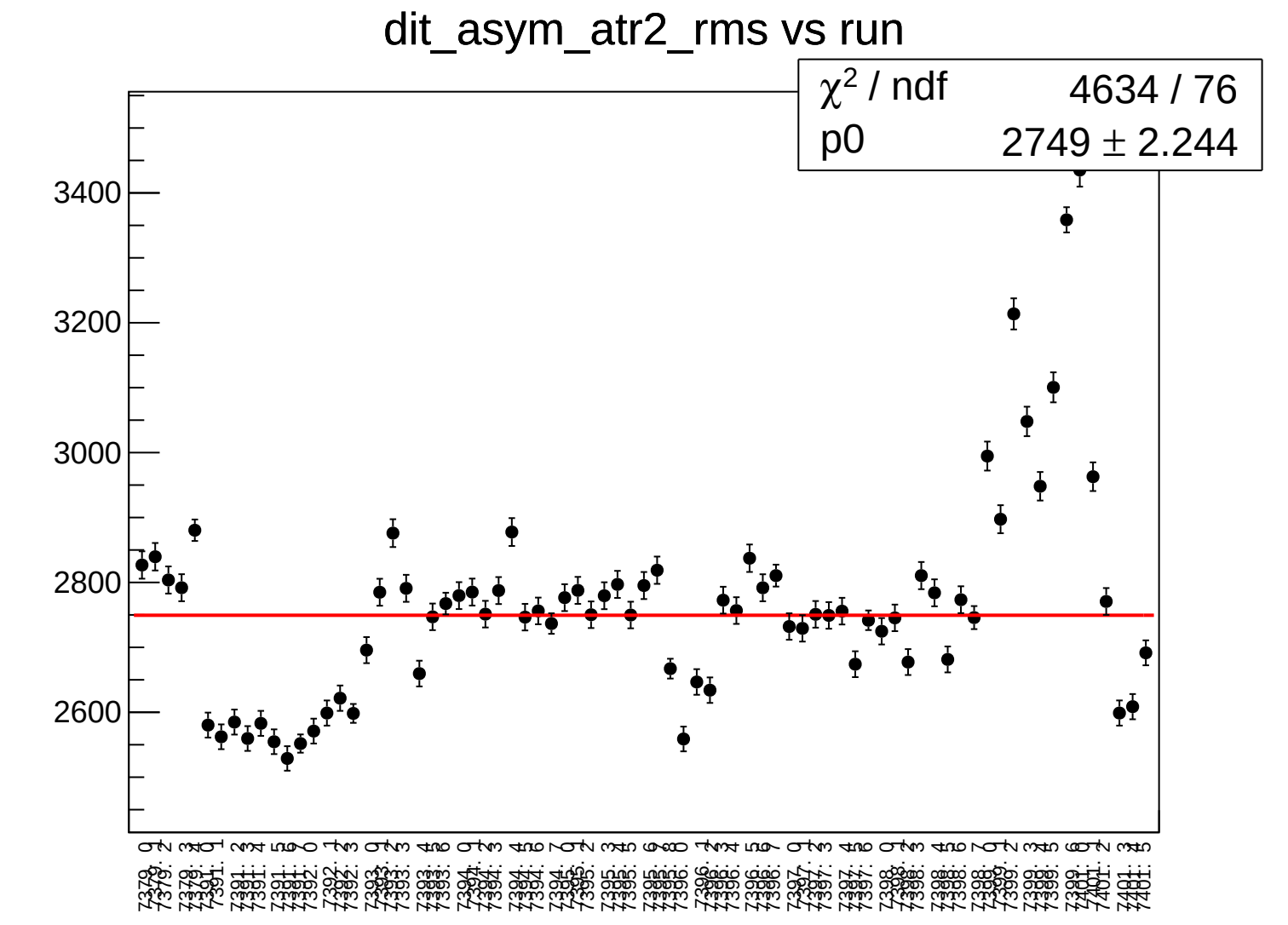

asym_atr1_mean vs run
×10^3
χ² / ndf 64.35 / 76
p0 −3018 ± 3294
pull
Entries 77
Mean 1186
Std Dev 1153

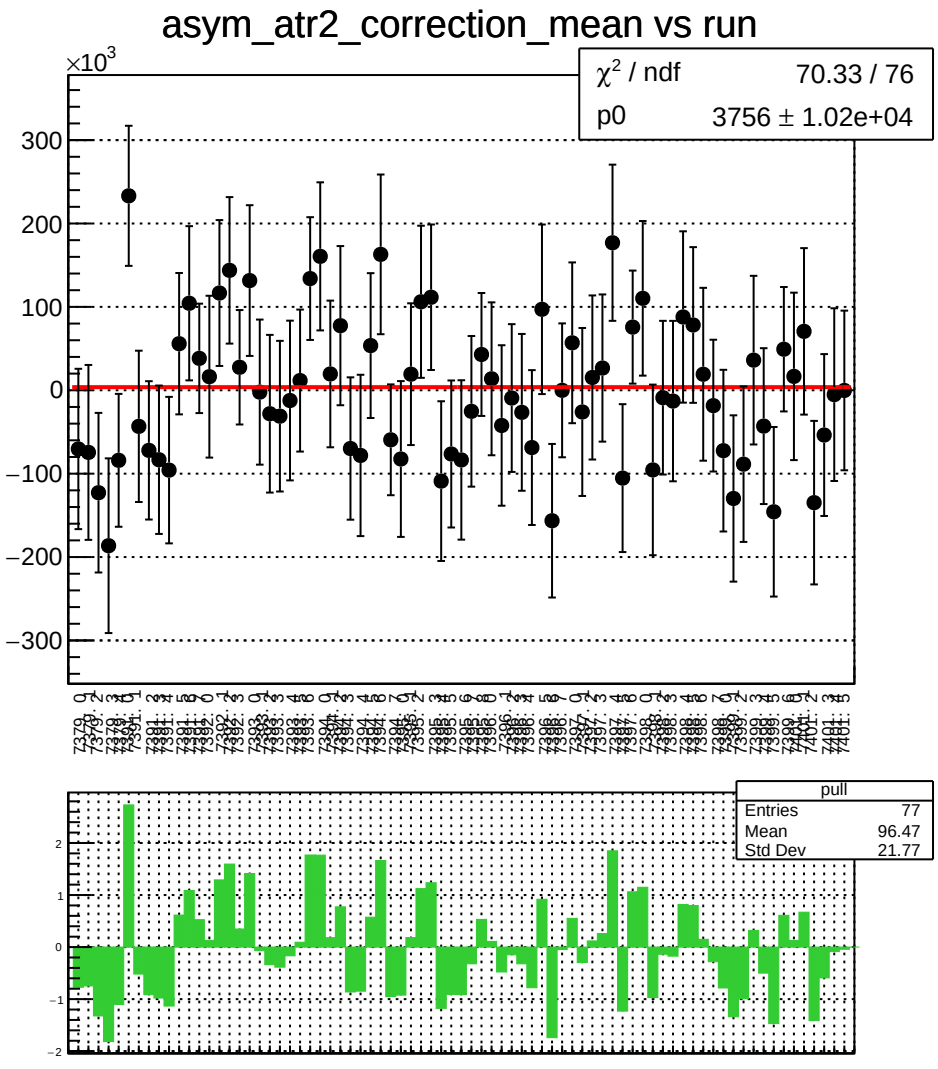

pull1D
Entries 77
Mean 0.003507
Std Dev 0.9141

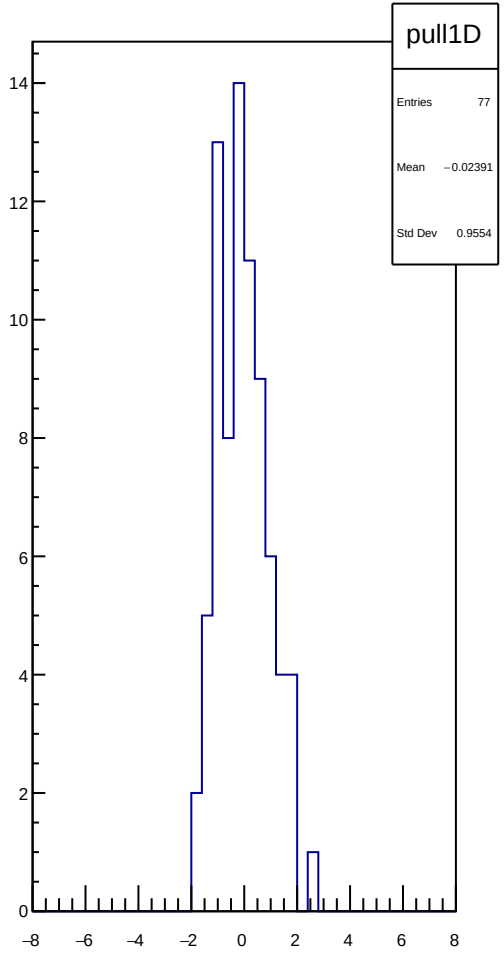

asym_atr1_rms vs run
χ^2 / ndf 143.9 / 76
p0 2858 ± 2.329
2960
2940
2920
2900
2880
2860
2840
2820
2800
2780

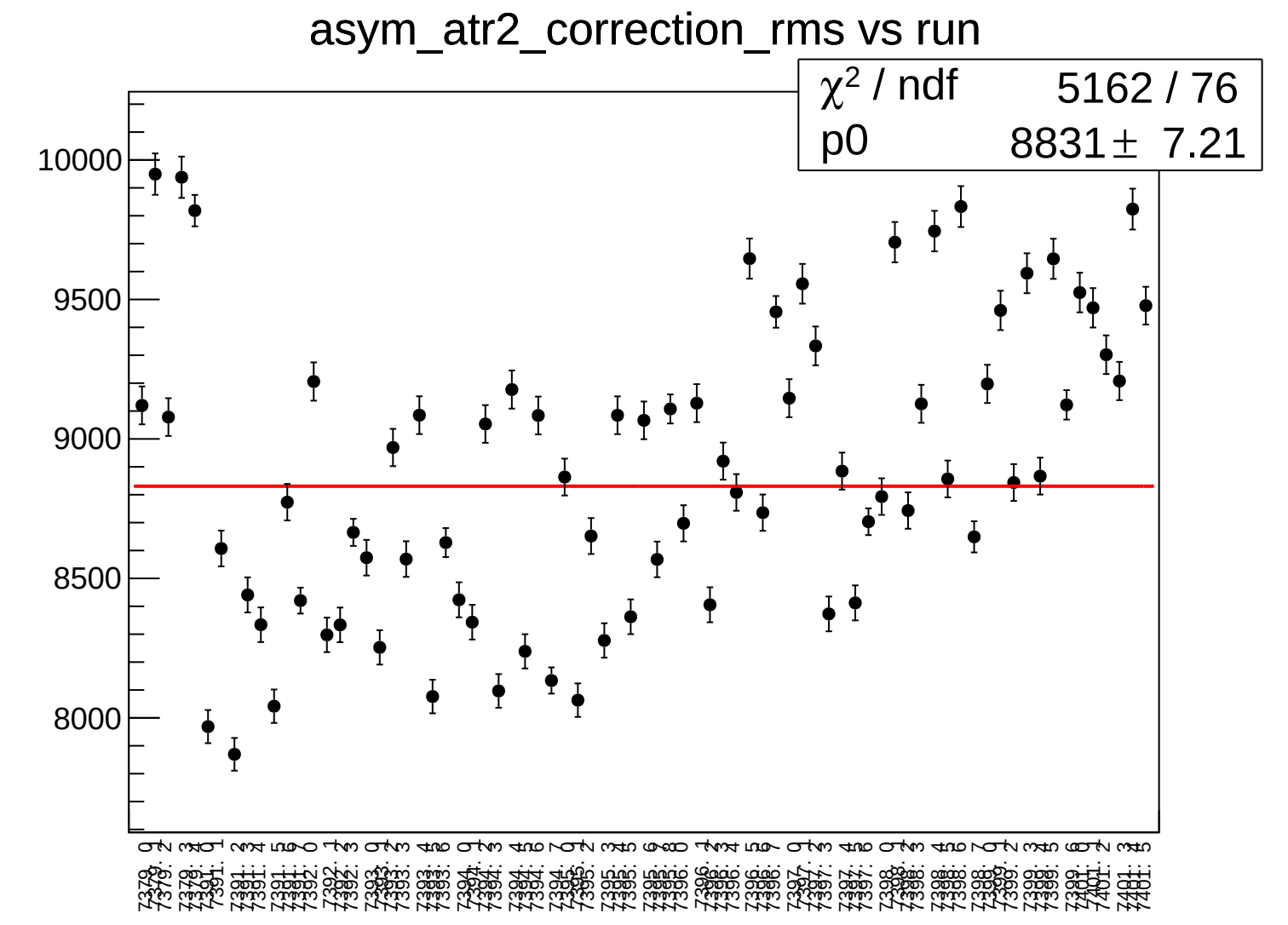

dit_asym_atr2_mean vs run
×10^3
χ² / ndf 68.29 / 76
p0 −4500 ± 3174
pull
Entries 77
Mean 123.3
Std Dev 92.91

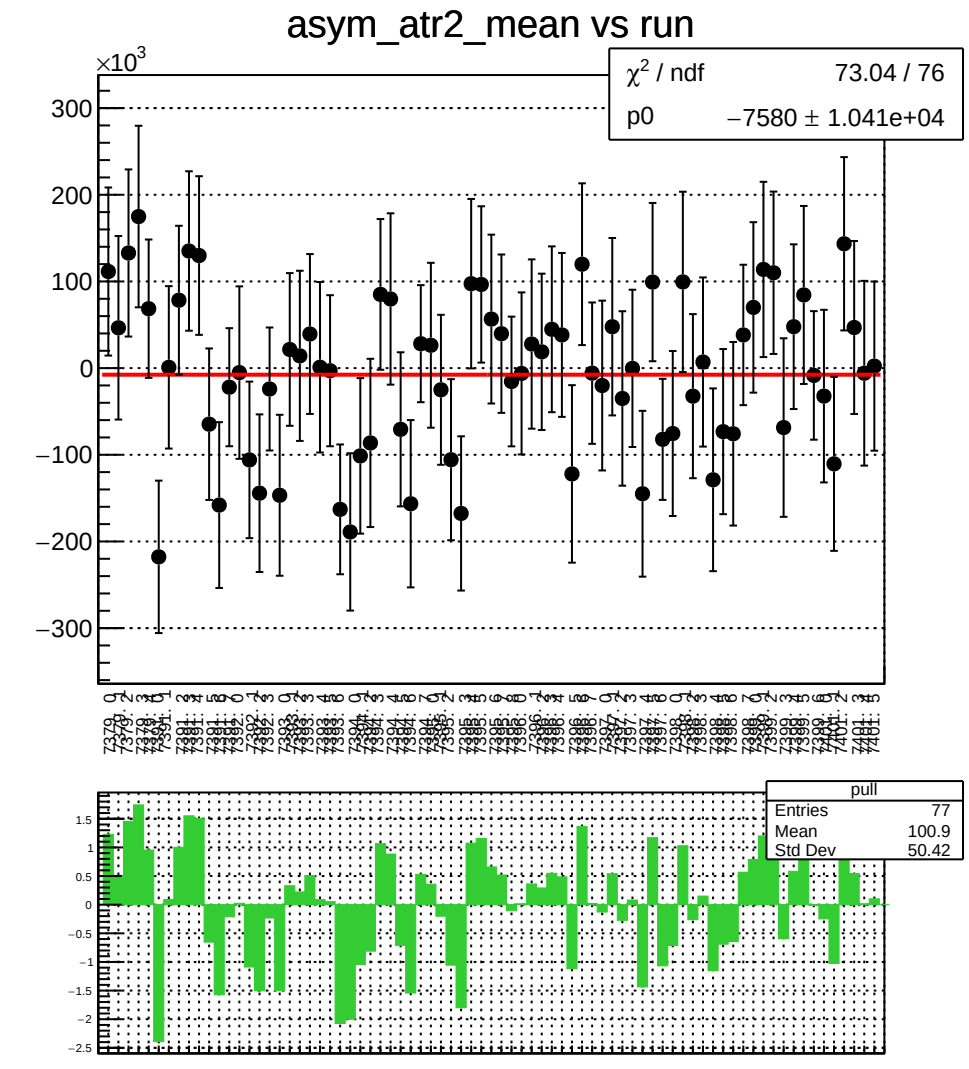

pull1D
Entries 77
Mean −0.01545
Std Dev 0.9416

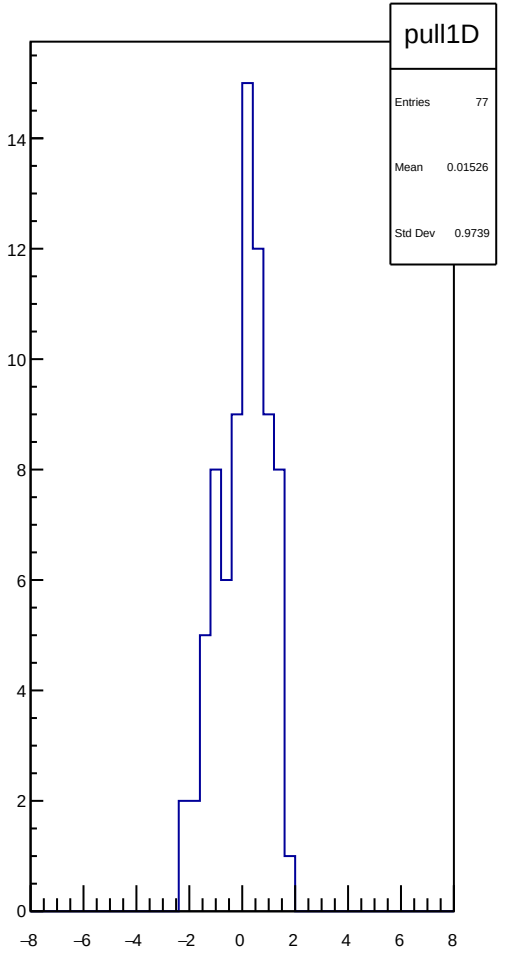

dit_asym_atr2_rms vs run
χ² / ndf 4634 / 76
p0 2749 ± 2.244
3400
3200
3000
2800
2600

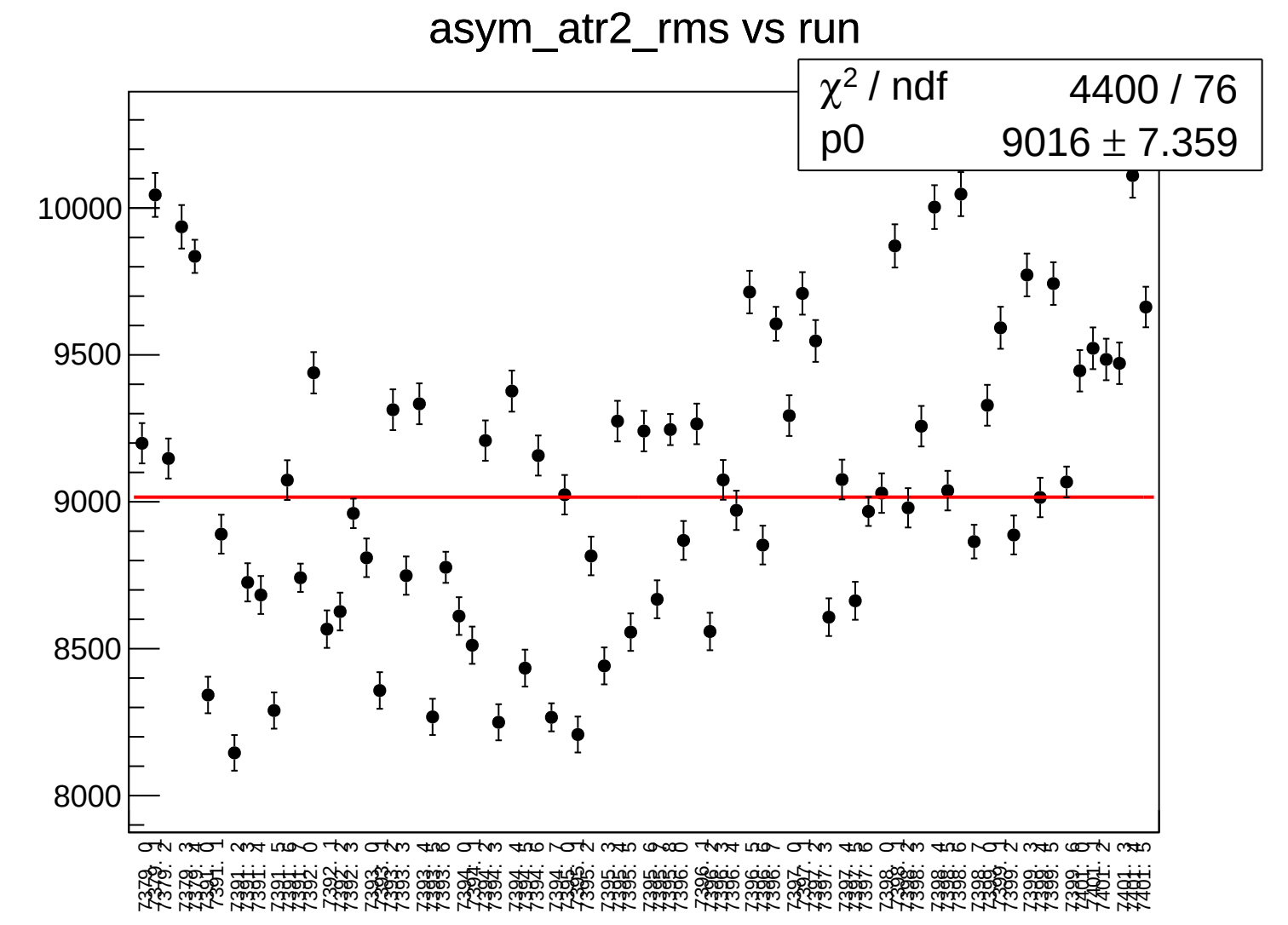

asym_atr2_correction_mean vs run
×10^3
χ² / ndf 70.33 / 76
p0 3756 ± 1.02e+04
300
200
100
0
−100
−200
−300
pull
Entries 77
Mean 96.47
Std Dev 21.77
2
1
0
−1
−2

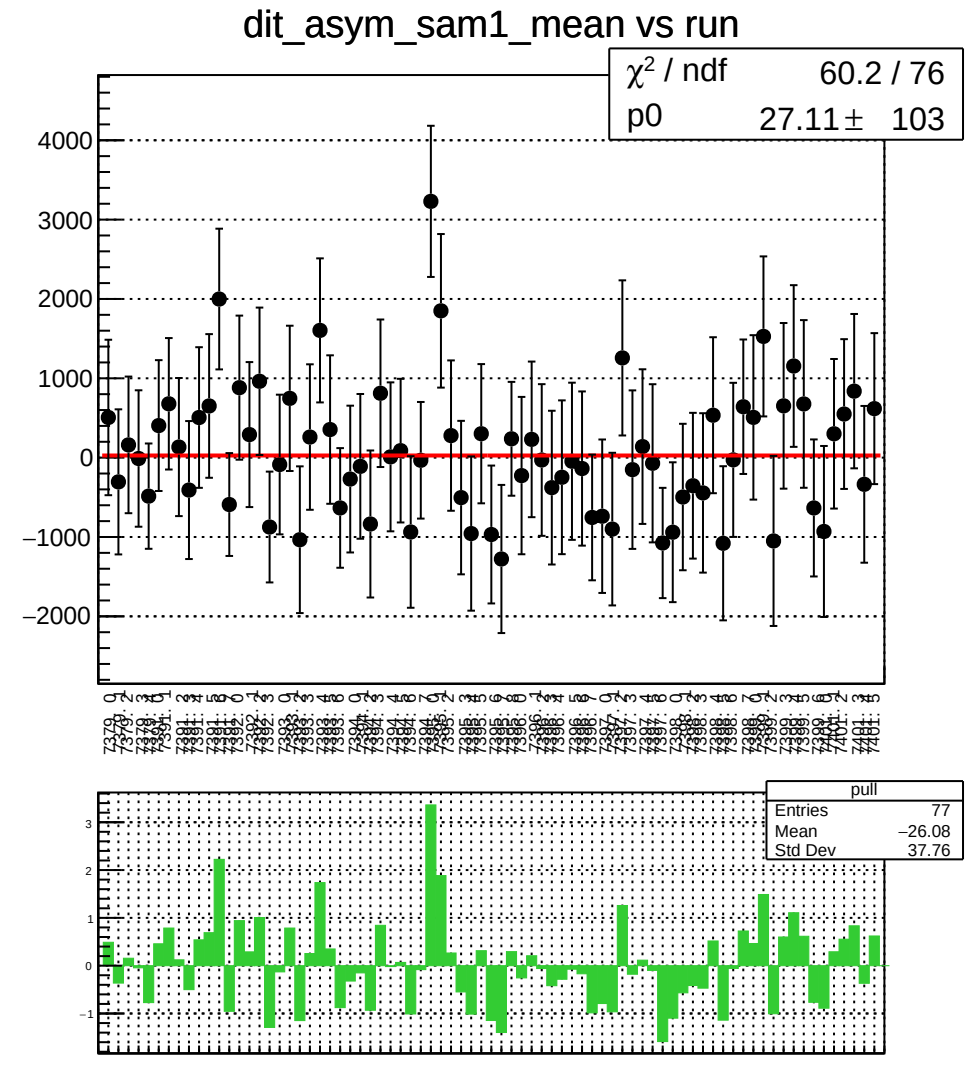

pull1D
Entries 77
Mean −0.02391
Std Dev 0.9554
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

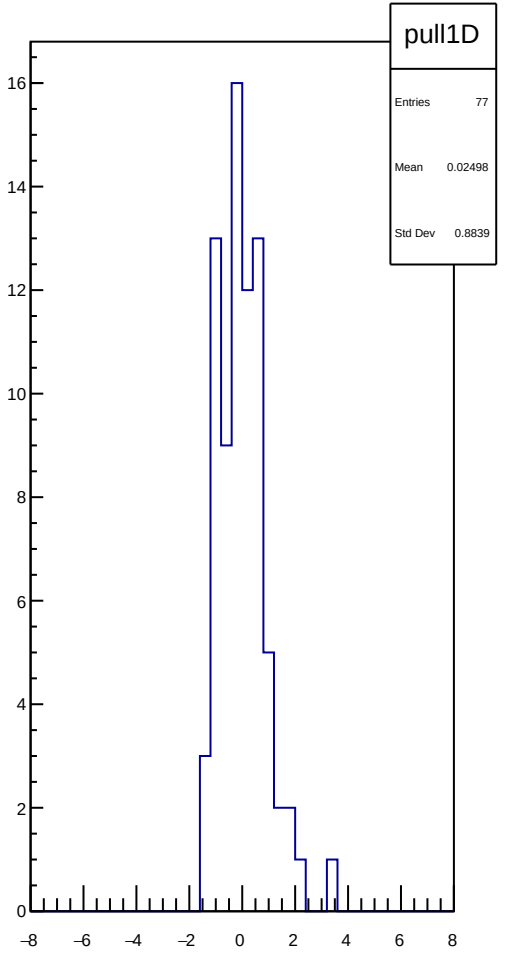

asym_atr2_correction_rms vs run
χ² / ndf 5162 / 76
p0 8831 ± 7.21
10000
9500
9000
8500
8000

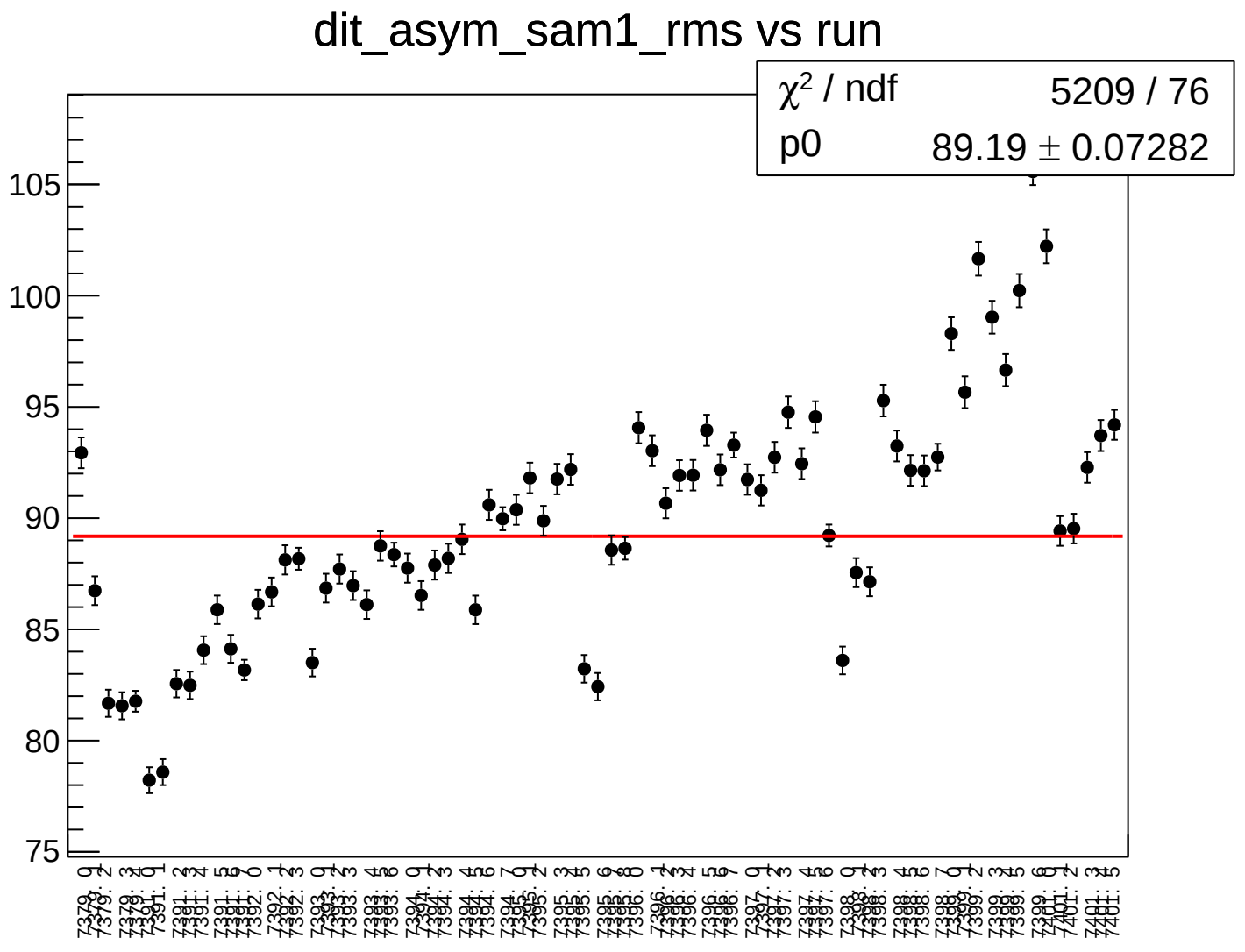

asym_atr2_mean vs run
×10^3
χ² / ndf 73.04 / 76
p0 −7580 ± 1.041e+04
pull
Entries 77
Mean 100.9
Std Dev 50.42

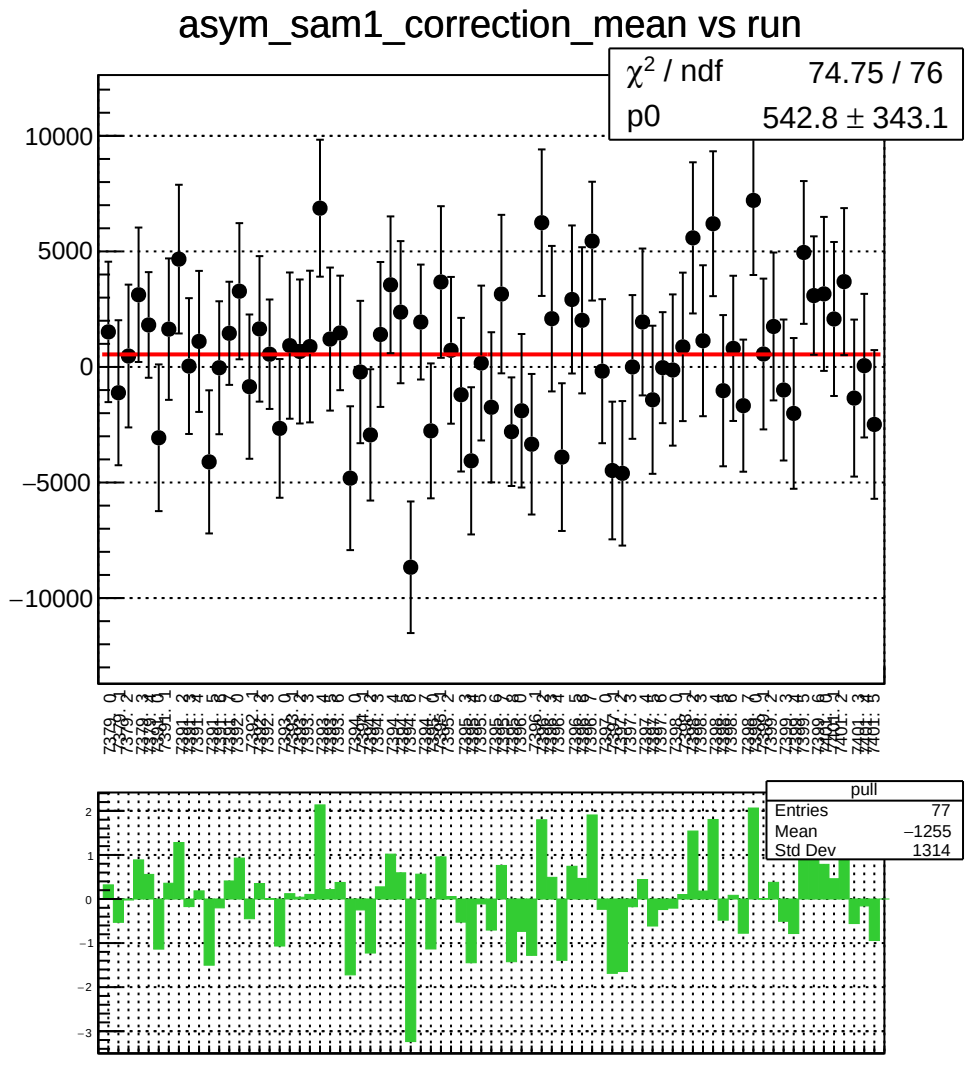

pull1D
Entries 77
Mean 0.01526
Std Dev 0.9739

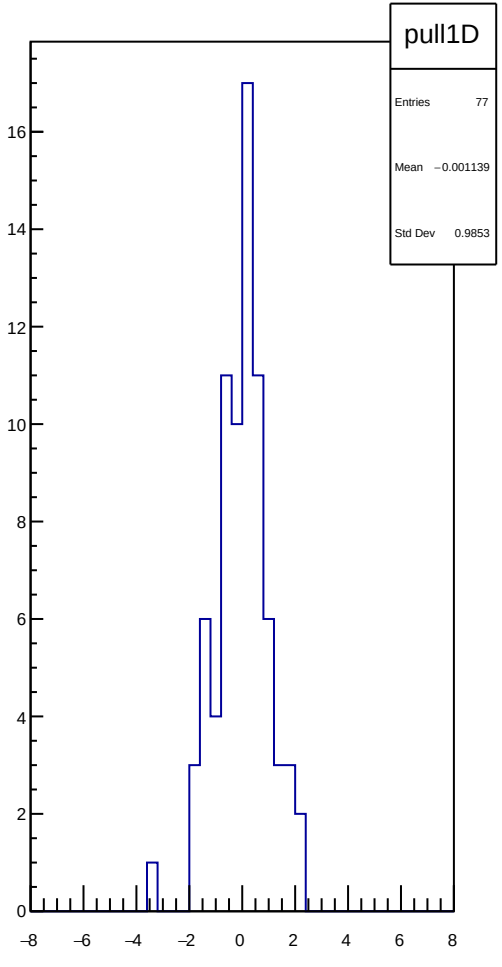

asym_atr2_rms vs run
χ^2 / ndf 4400 / 76
p0 9016 ± 7.359
10000
9500
9000
8500
8000

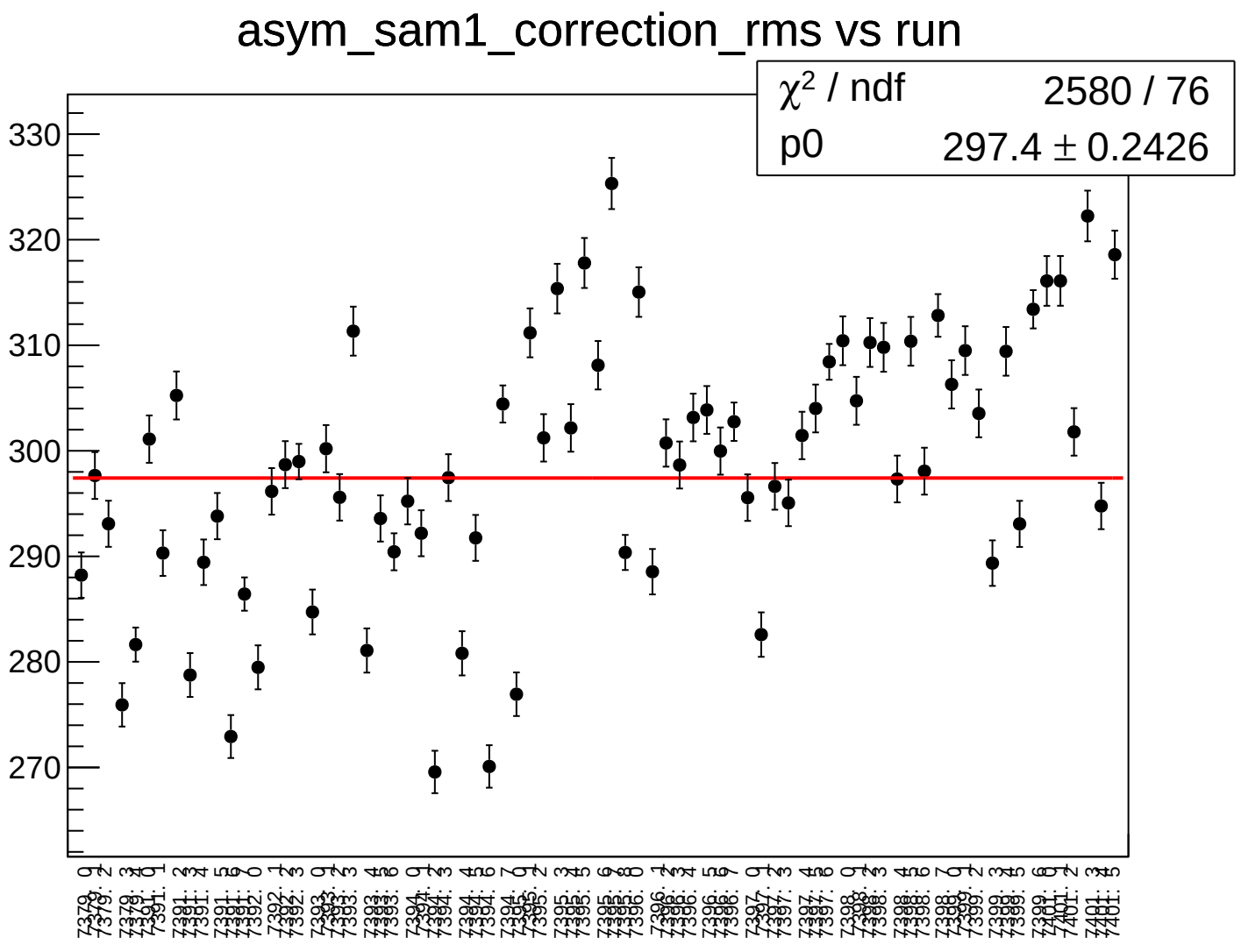

dit_asym_sam1_mean vs run
χ² / ndf 60.2 / 76
p0 27.11 ± 103
pull
Entries 77
Mean −26.08
Std Dev 37.76

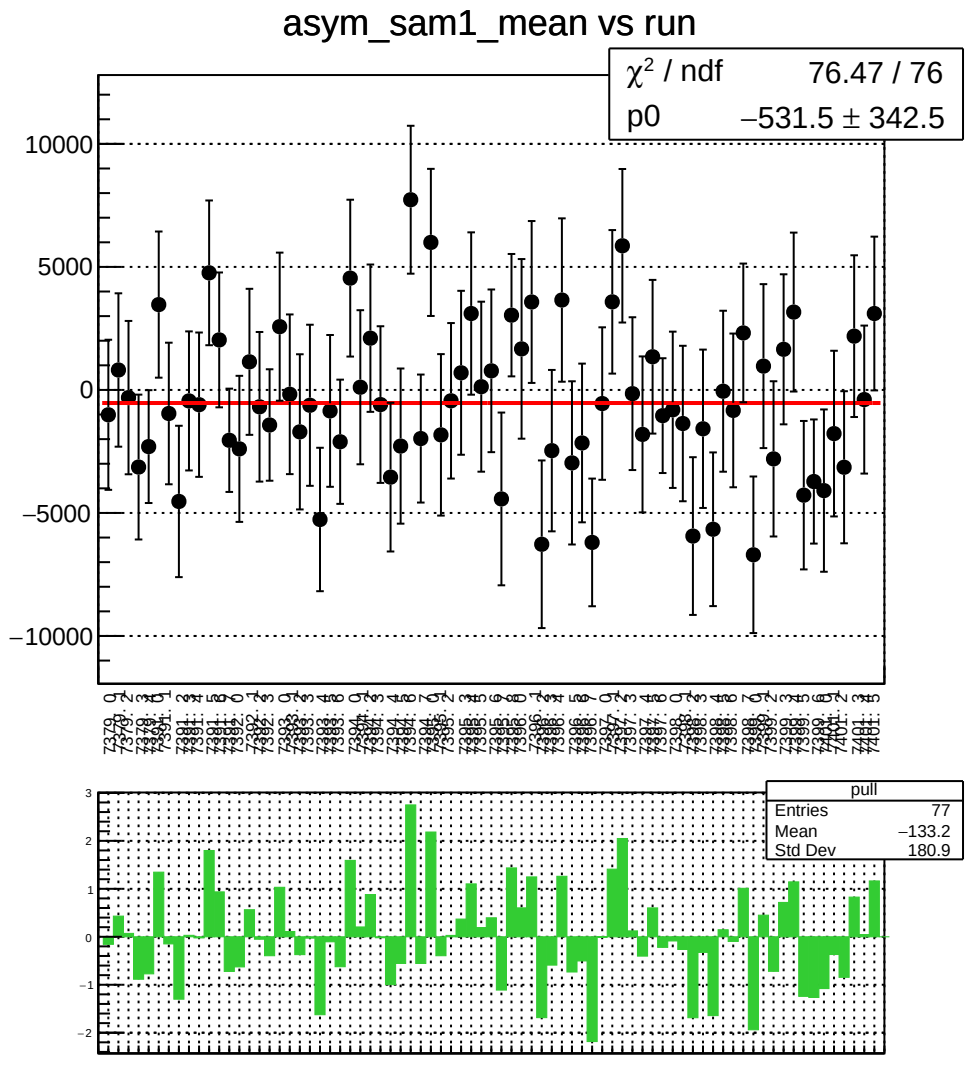

pull1D
Entries 77
Mean 0.02498
Std Dev 0.8839

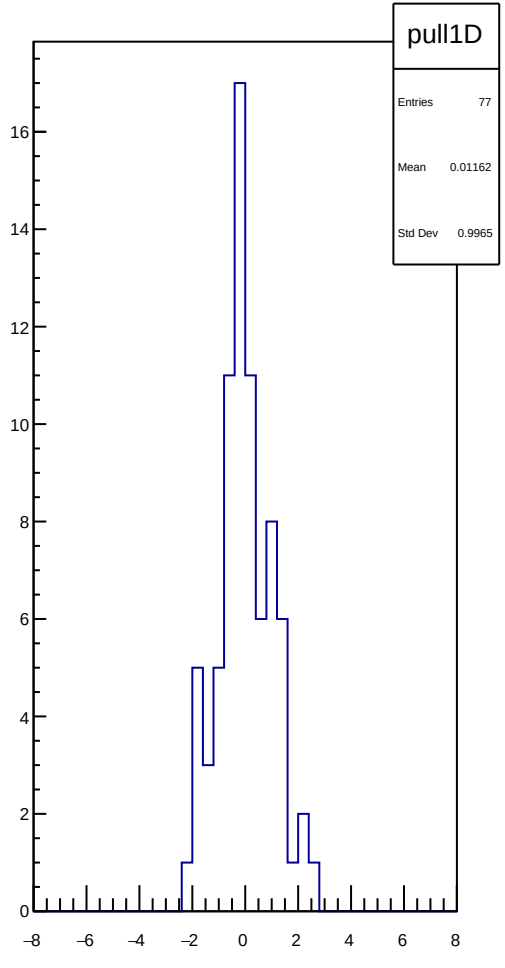

dit_asym_sam1_rms vs run
χ^2 / ndf 5209 / 76
p0 89.19 ± 0.07282
105
100
95
90
85
80
75

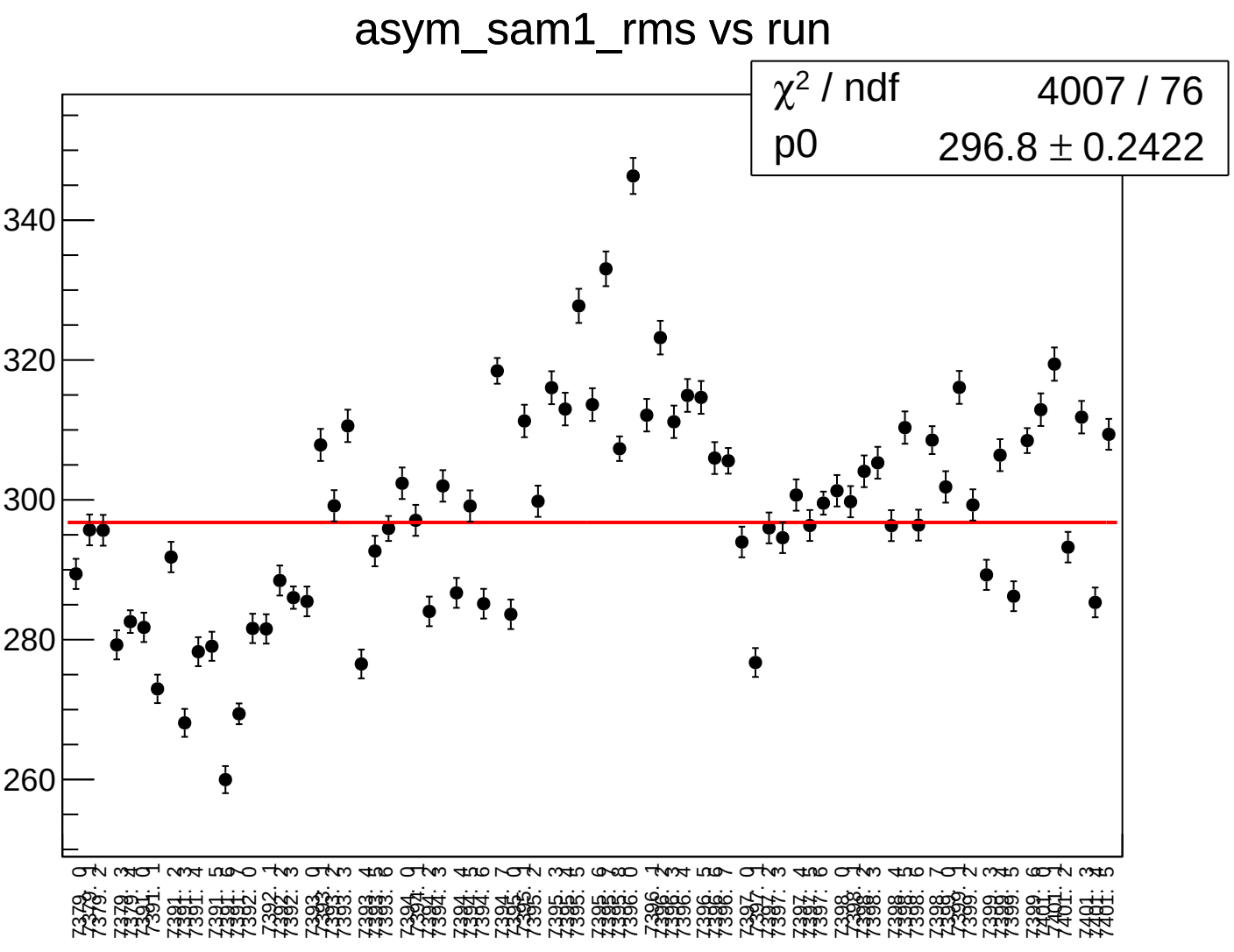

asym_sam1_correction_mean vs run
χ² / ndf 74.75 / 76
p0 542.8 ± 343.1
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −1255
Std Dev 1314
2
1
0
−1
−2
−3

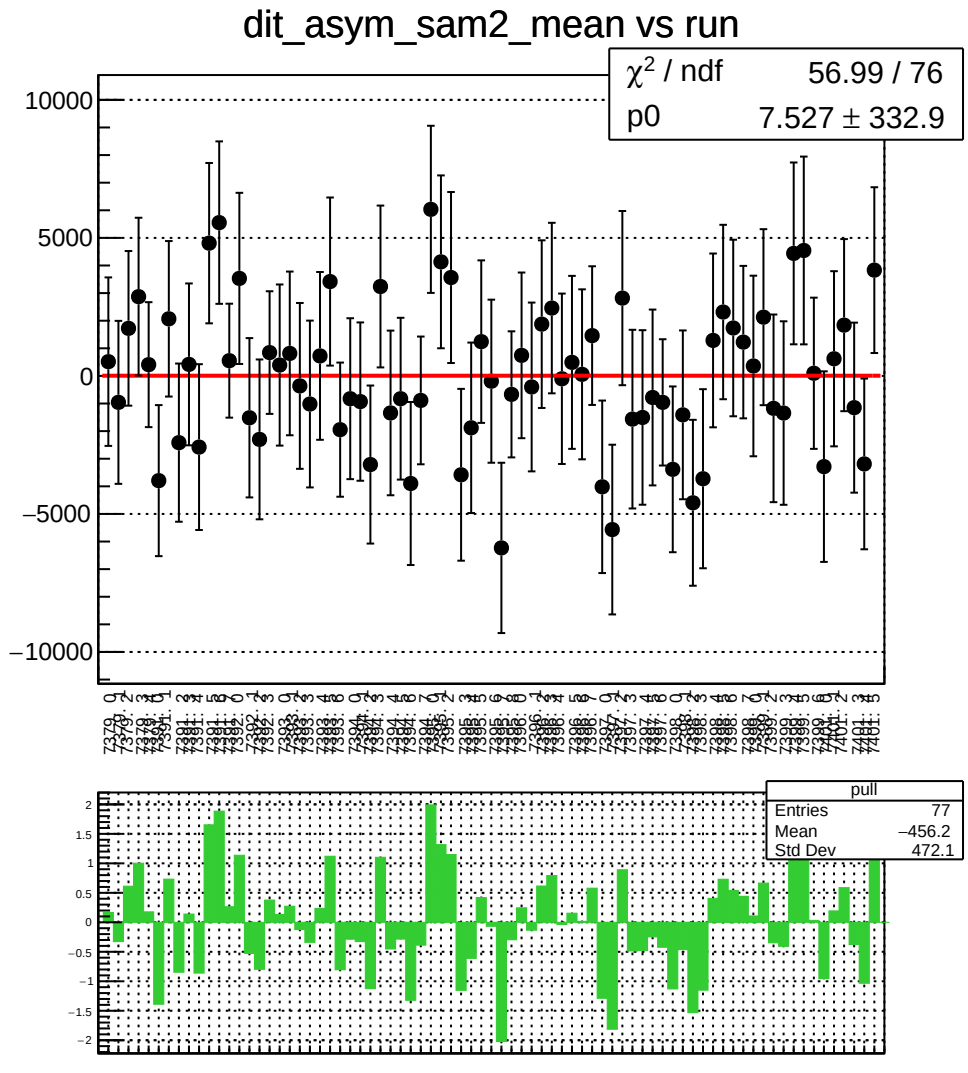

pull1D
Entries 77
Mean −0.001139
Std Dev 0.9853
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

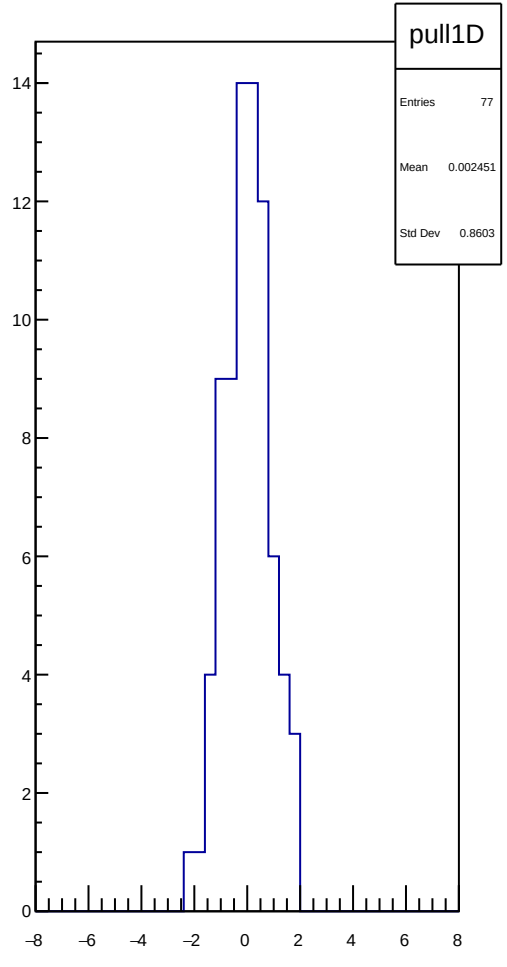

asym_sam1_correction_rms vs run
χ² / ndf 2580 / 76
p0 297.4 ± 0.2426
330
320
310
300
290
280
270

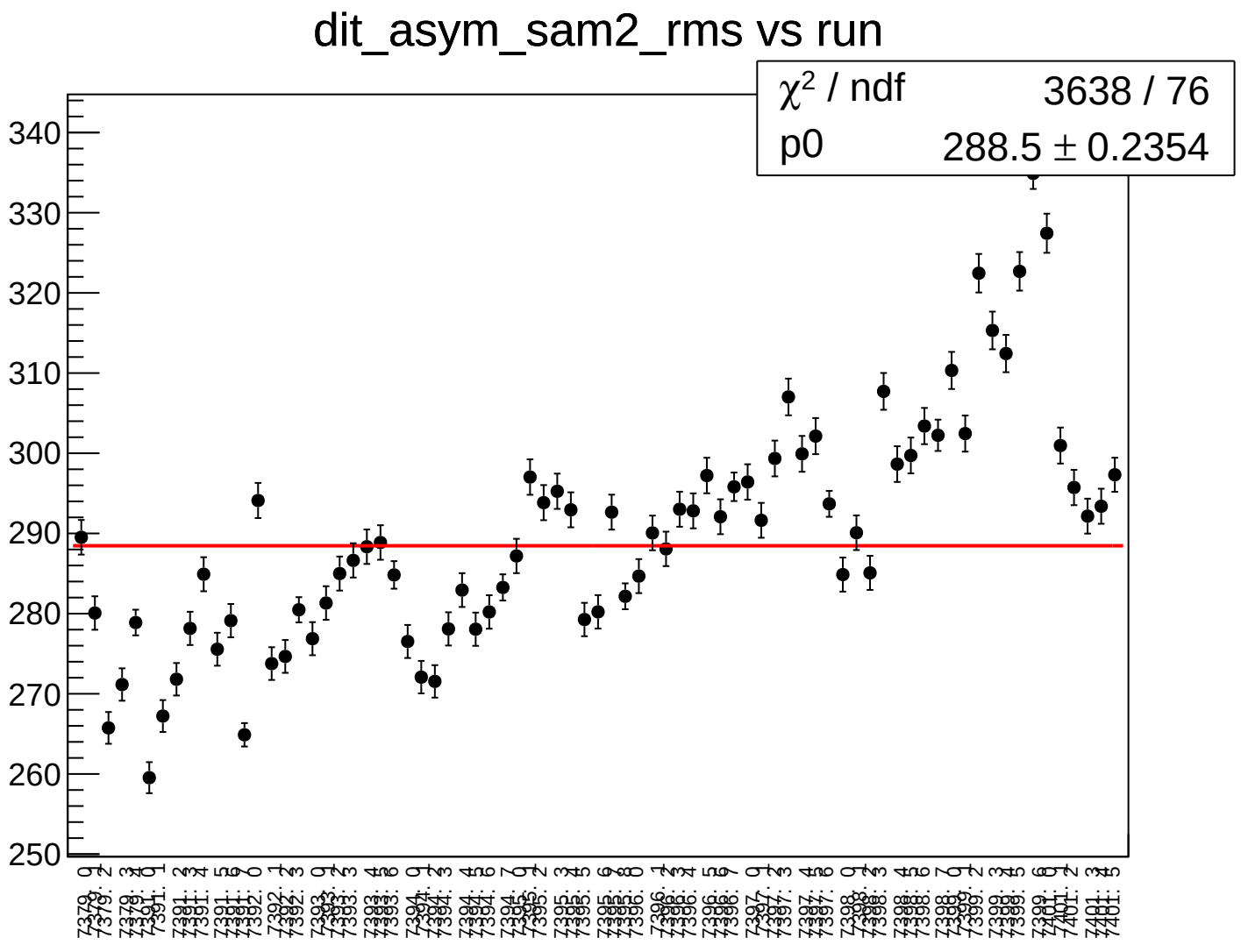

asym_sam1_mean vs run
χ² / ndf 76.47 / 76
p0 −531.5 ± 342.5
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −133.2
Std Dev 180.9
3
2
1
0
−1
−2

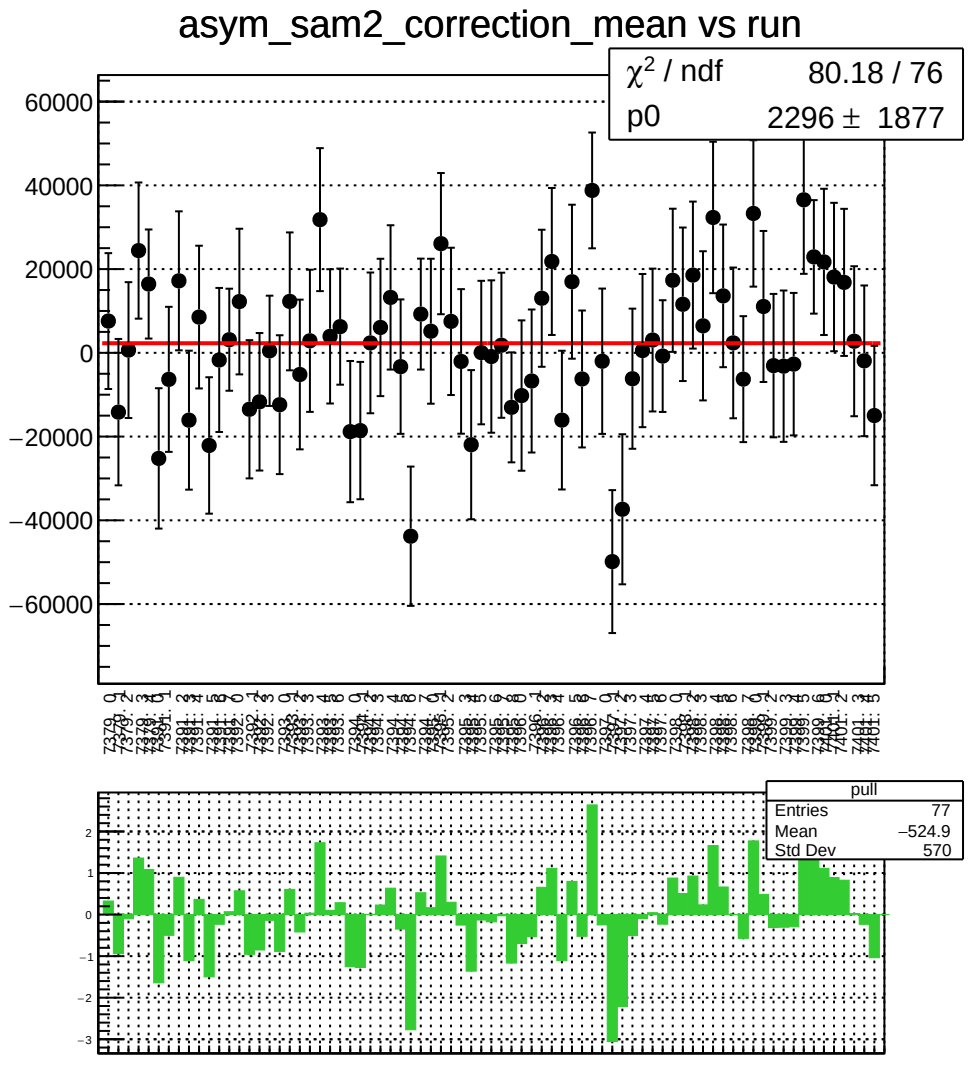

pull1D
Entries 77
Mean 0.01162
Std Dev 0.9965
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

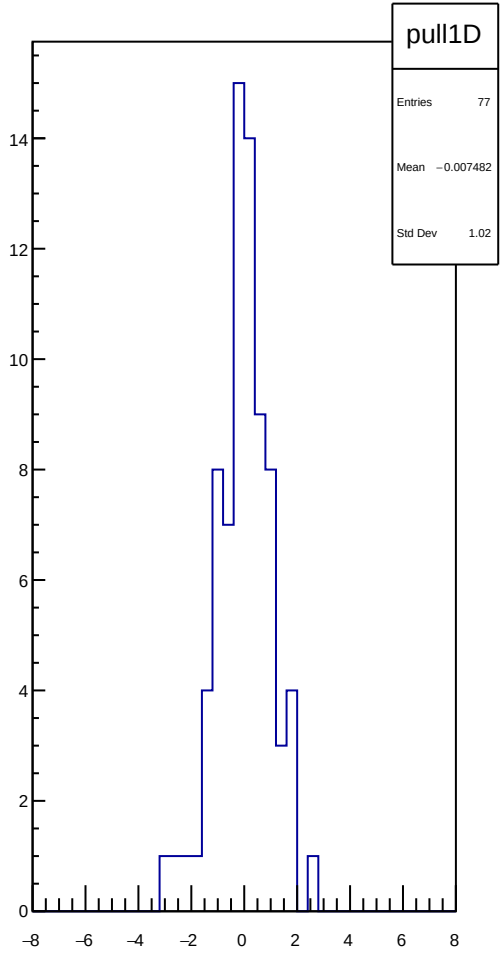

asym_sam1_rms vs run
χ^2 / ndf 4007 / 76
p0 296.8 ± 0.2422
340
320
300
280
260

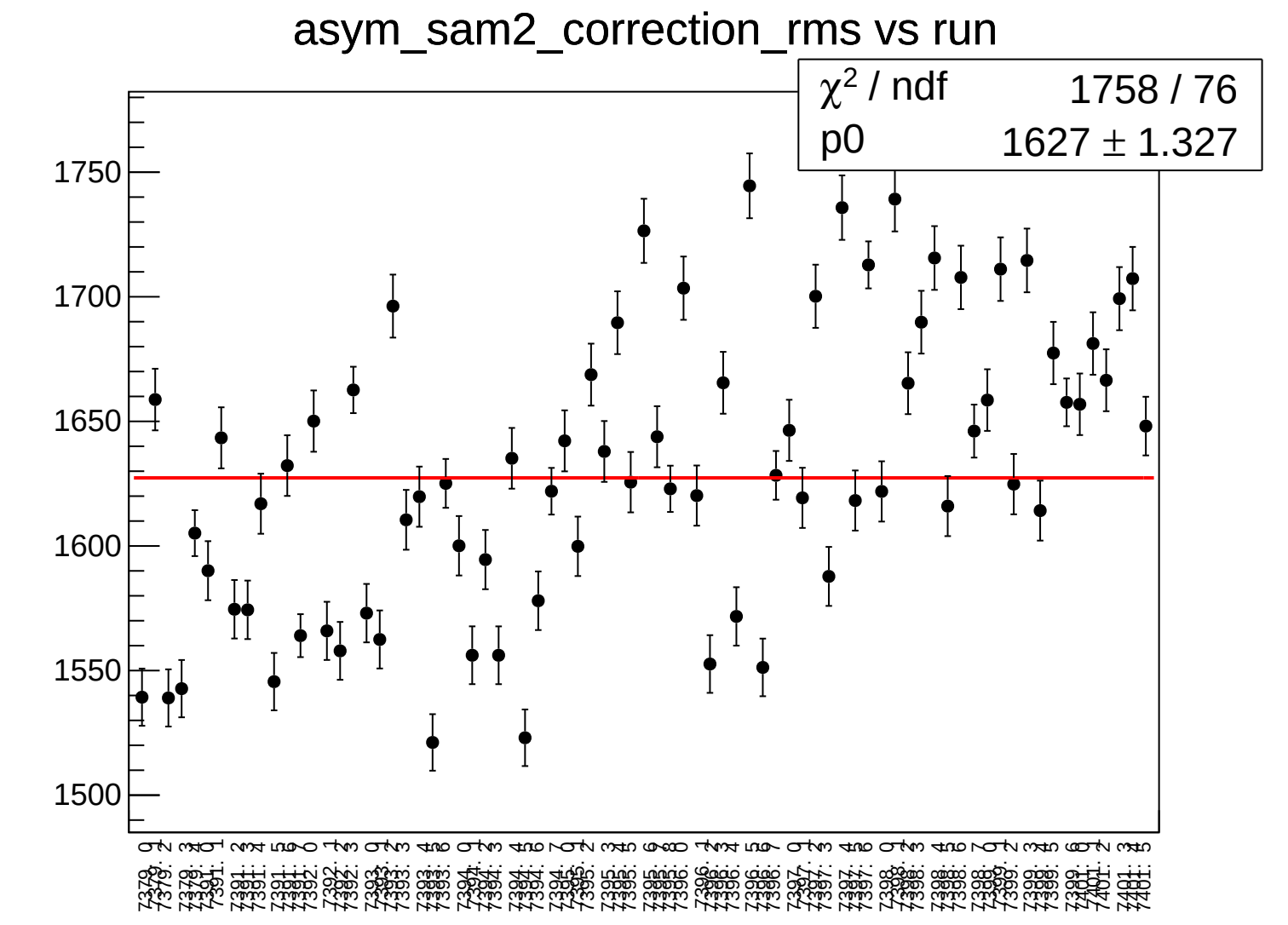

dit_asym_sam2_mean vs run
χ² / ndf 56.99 / 76
p0 7.527 ± 332.9
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −456.2
Std Dev 472.1
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

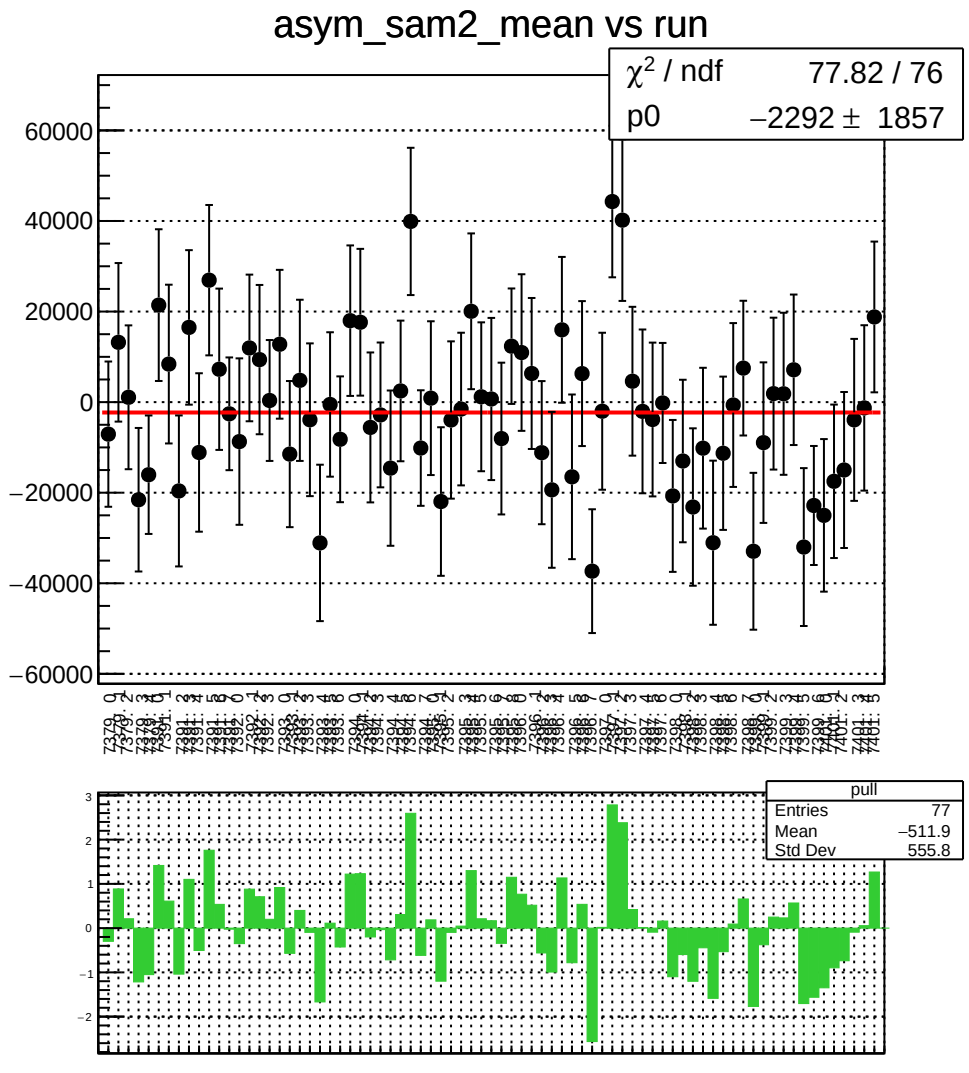

pull1D
Entries 77
Mean 0.002451
Std Dev 0.8603
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

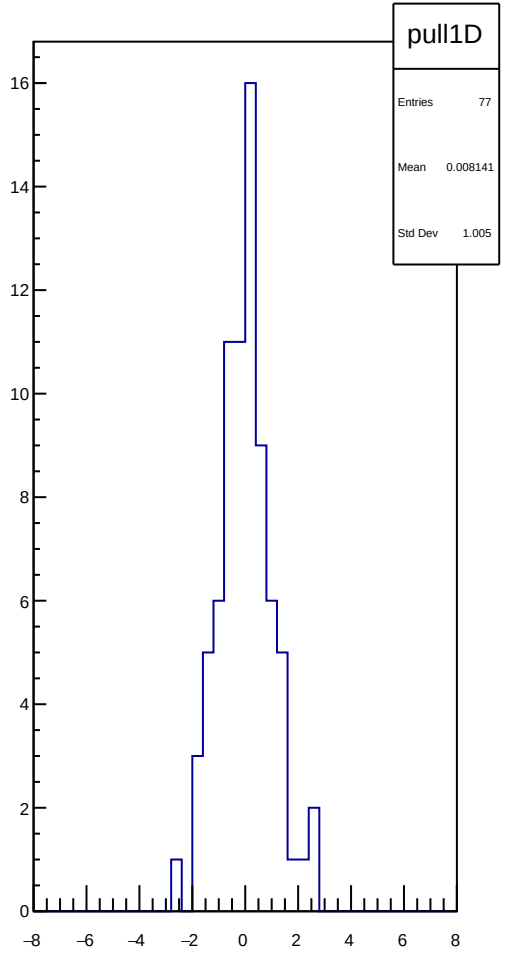

dit_asym_sam2_rms vs run
χ² / ndf 3638 / 76
p0 288.5 ± 0.2354
340
330
320
310
300
290
280
270
260
250

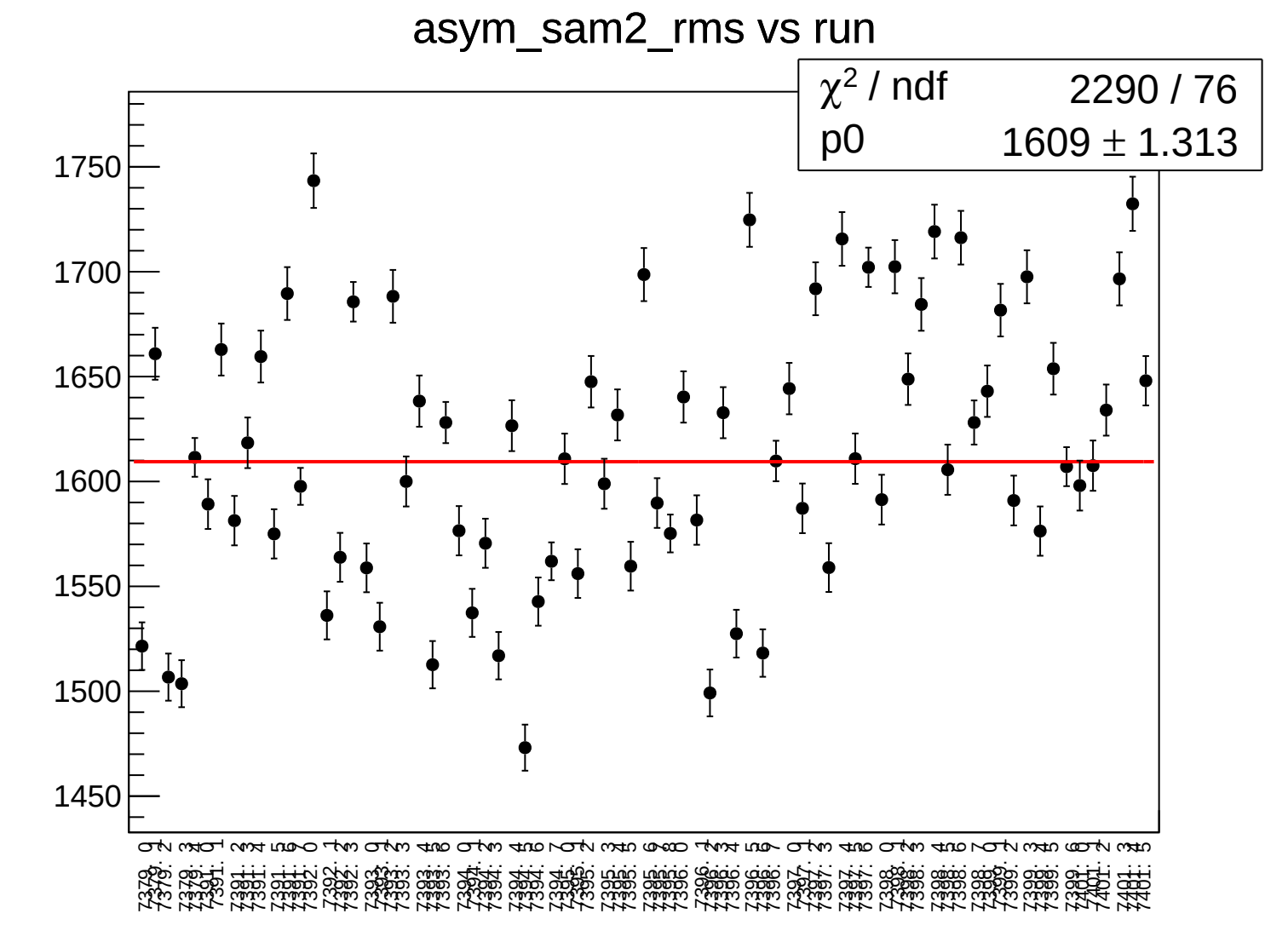

asym_sam2_correction_mean vs run
χ² / ndf 80.18 / 76
p0 2296 ± 1877
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 77
Mean −524.9
Std Dev 570
2
1
0
−1
−2
−3

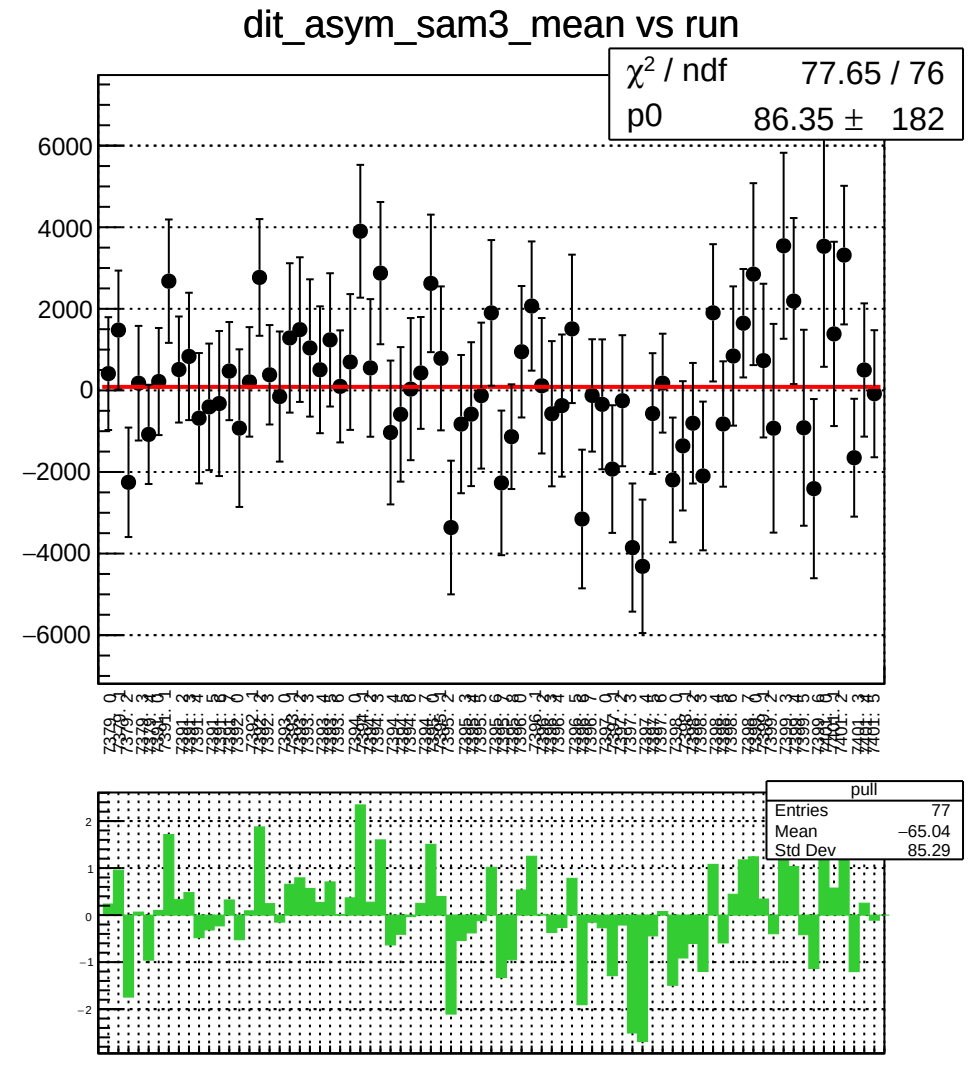

pull1D
Entries 77
Mean −0.007482
Std Dev 1.02
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

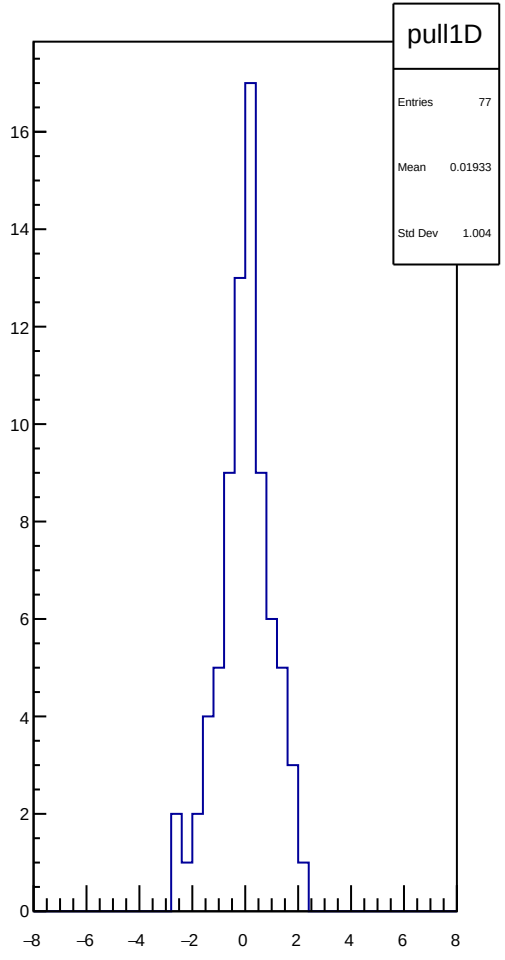

asym_sam2_correction_rms vs run
χ² / ndf 1758 / 76
p0 1627 ± 1.327
1750
1700
1650
1600
1550
1500

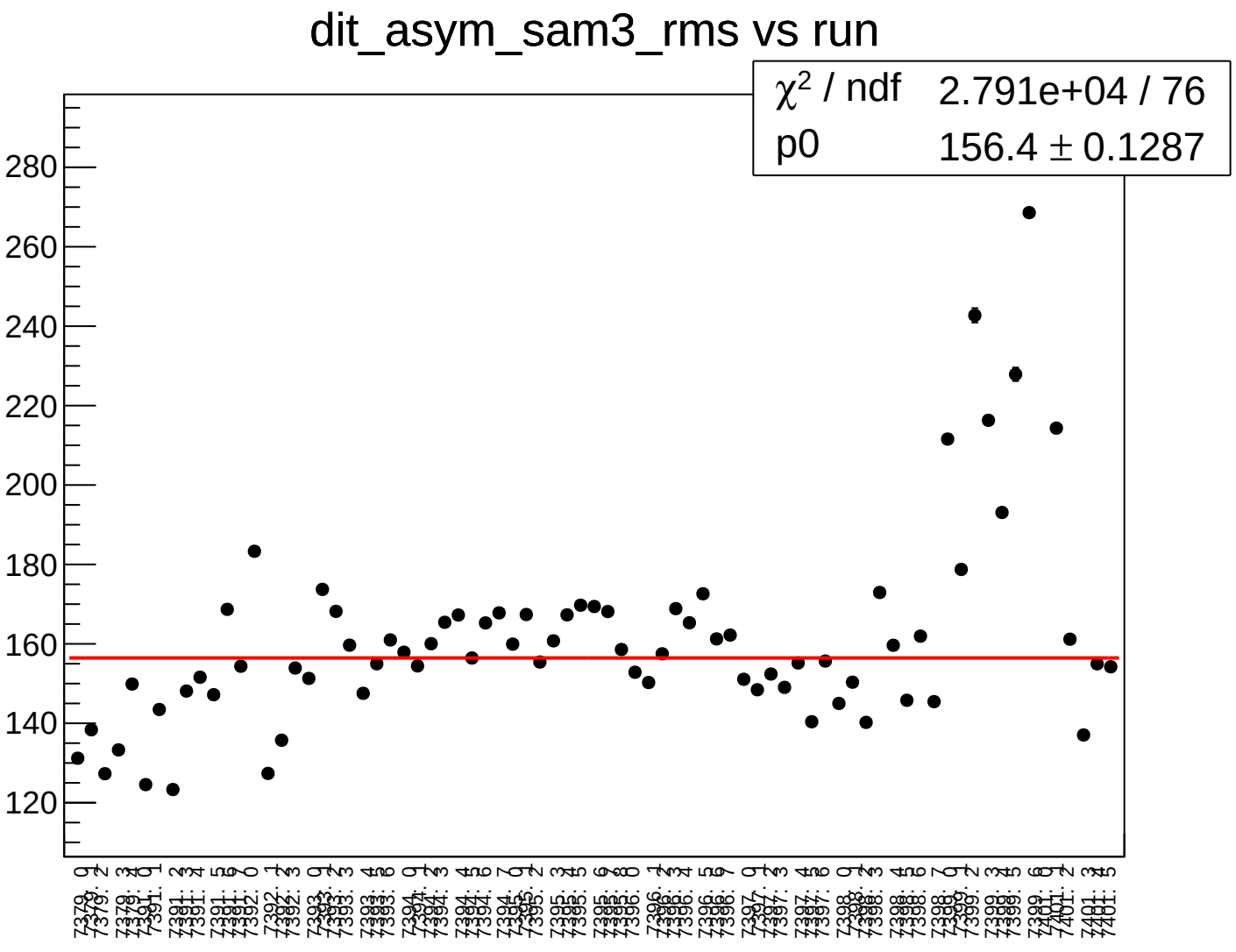

asym_sam2_mean vs run
χ² / ndf 77.82 / 76
p0 −2292 ± 1857
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 77
Mean −511.9
Std Dev 555.8
3
2
1
0
−1
−2

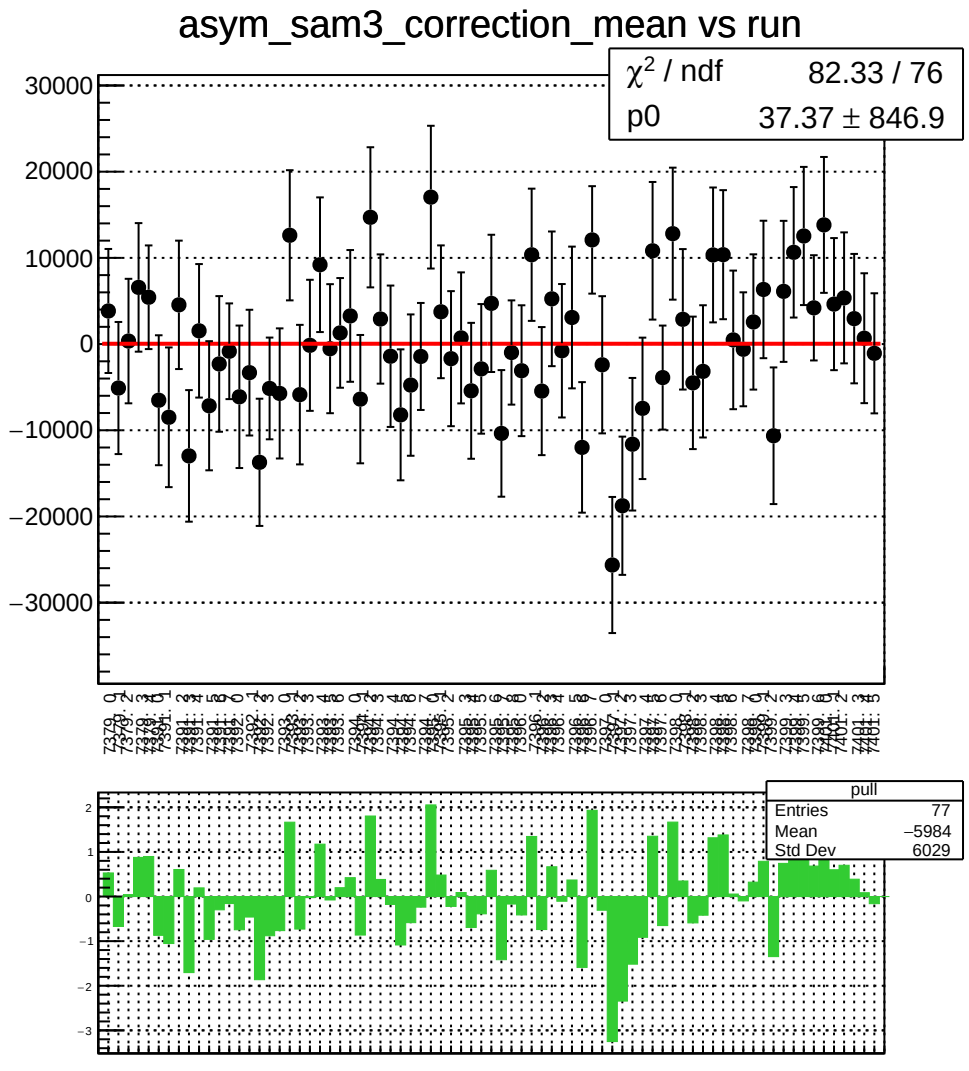

pull1D
Entries 77
Mean 0.008141
Std Dev 1.005
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

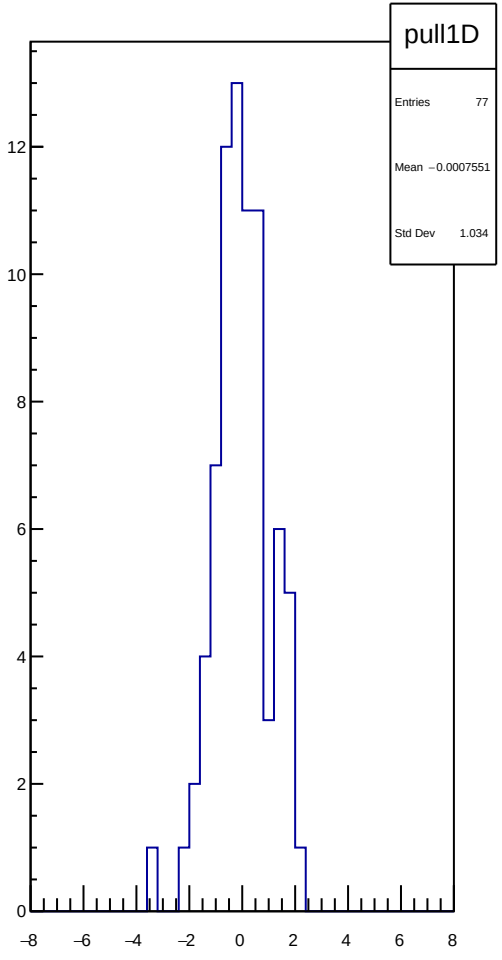

asym_sam2_rms vs run
χ^2 / ndf 2290 / 76
p0 1609 ± 1.313
1750
1700
1650
1600
1550
1500
1450

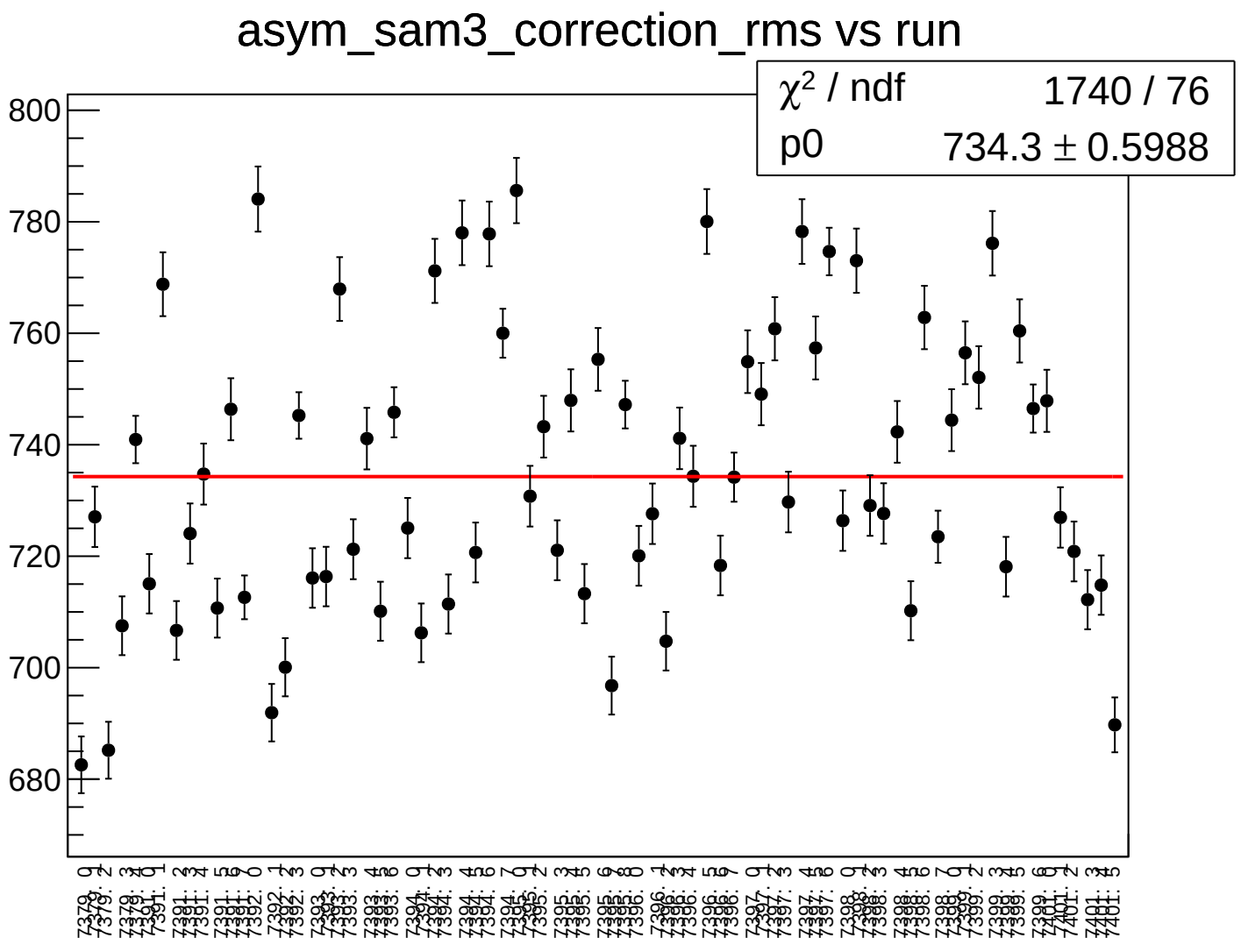

dit_asym_sam3_mean vs run
χ^2 / ndf 77.65 / 76
p0 86.35 ± 182
pull
Entries 77
Mean −65.04
Std Dev 85.29

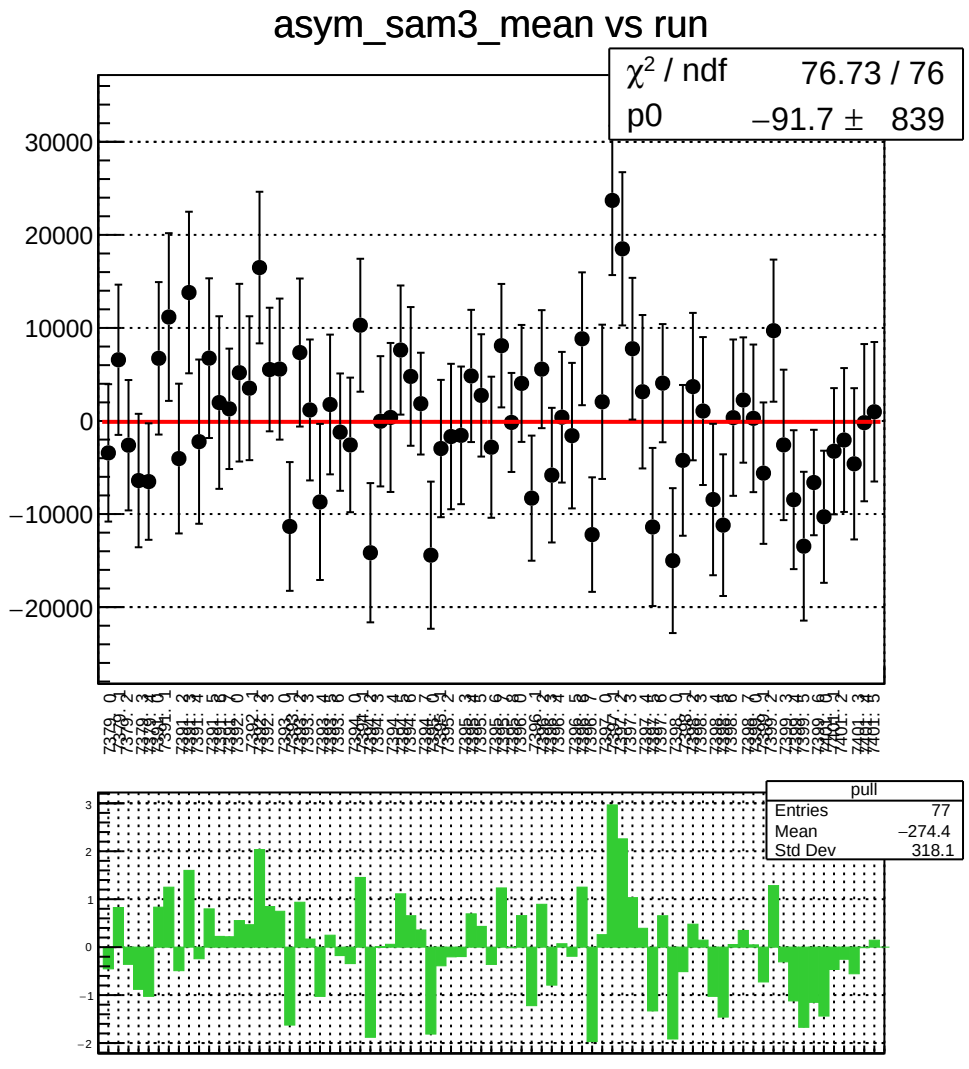

pull1D
Entries 77
Mean 0.01933
Std Dev 1.004

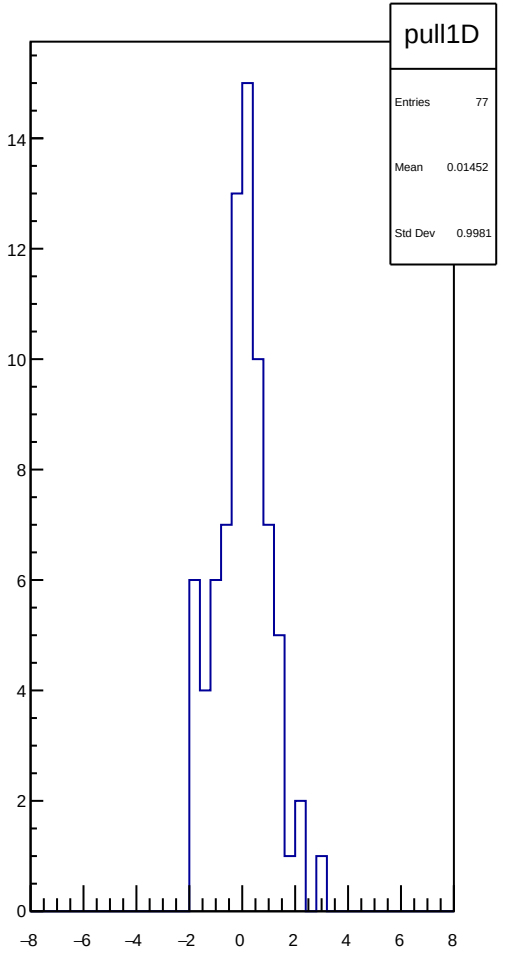

dit_asym_sam3_rms vs run
χ² / ndf 2.791e+04 / 76
p0 156.4 ± 0.1287
280
260
240
220
200
180
160
140
120

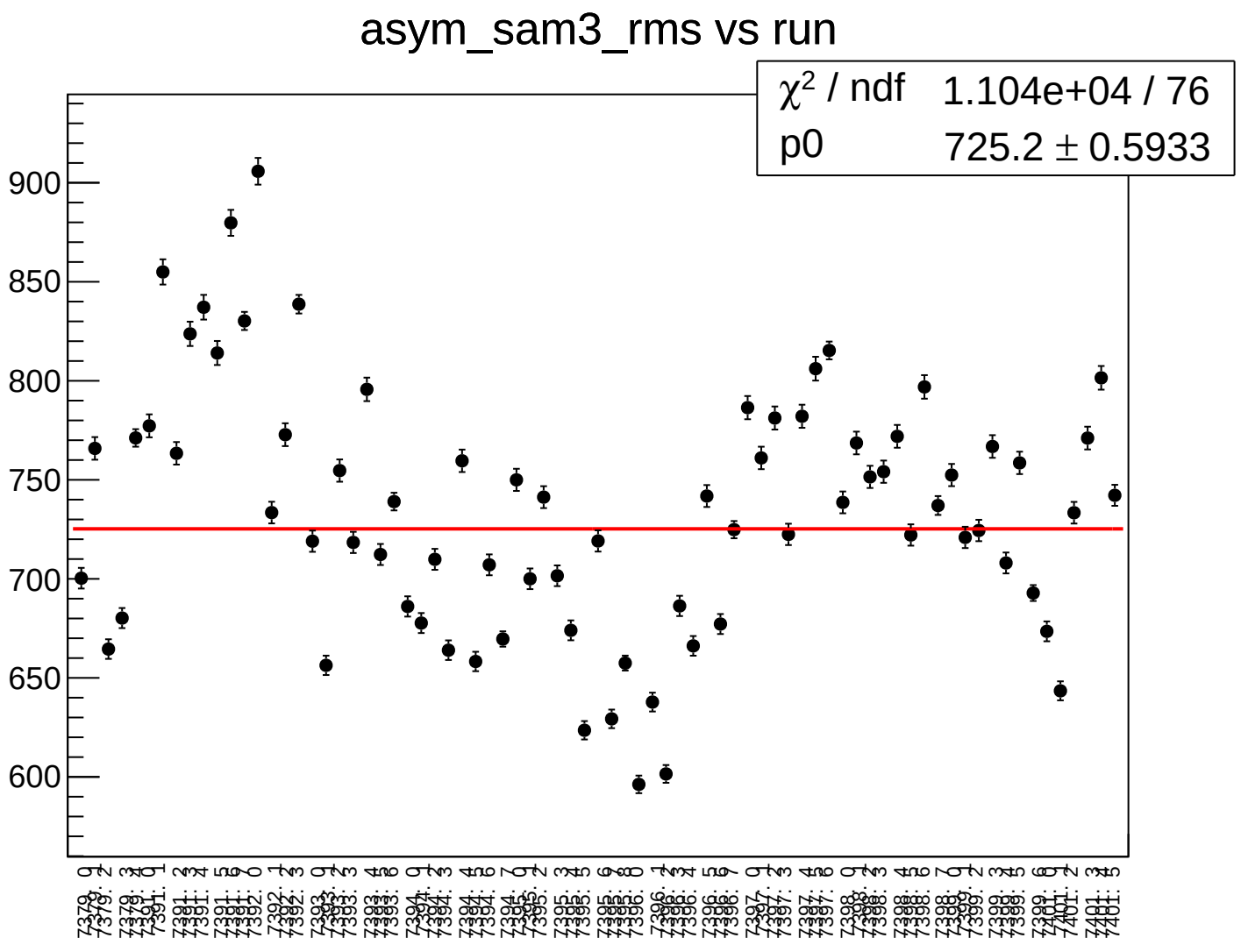

asym_sam3_correction_mean vs run
χ² / ndf 82.33 / 76
p0 37.37 ± 846.9
pull
Entries 77
Mean −5984
Std Dev 6029

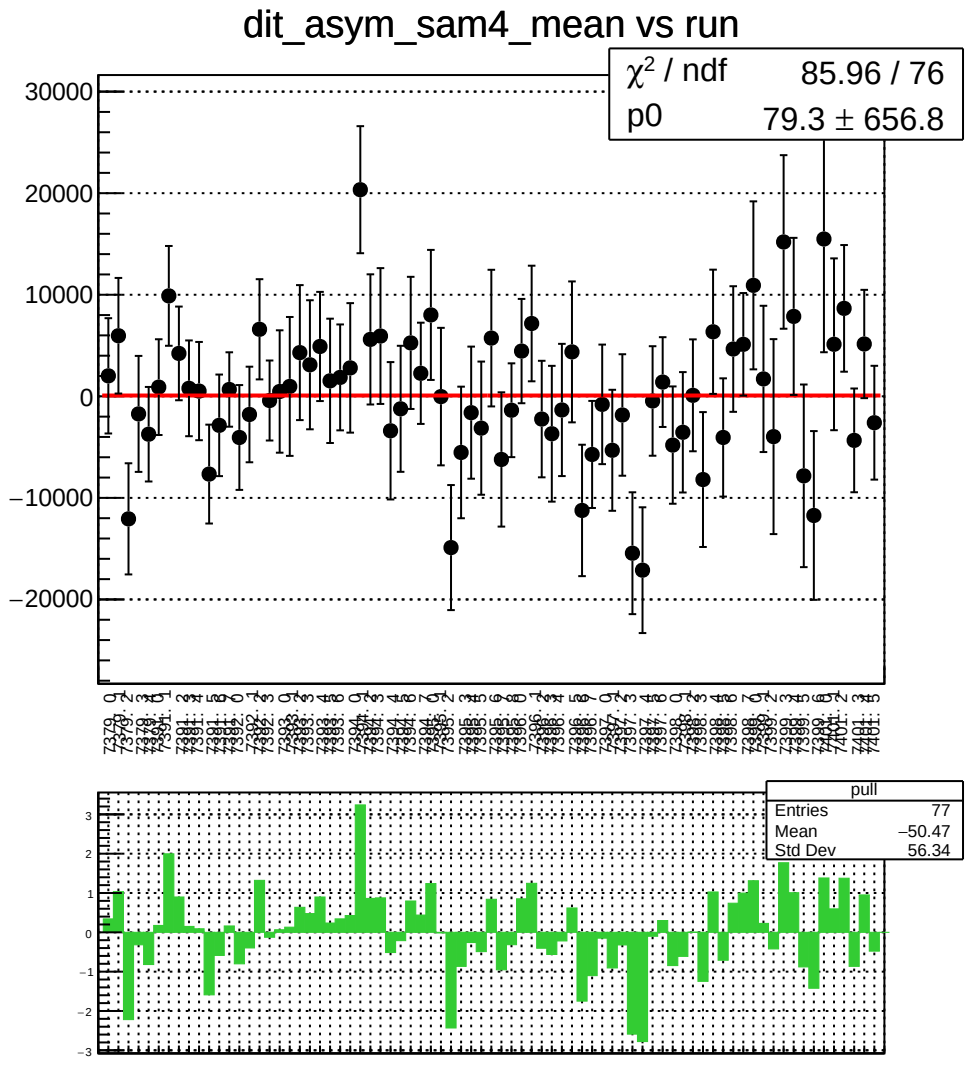

pull1D
Entries 77
Mean −0.0007551
Std Dev 1.034

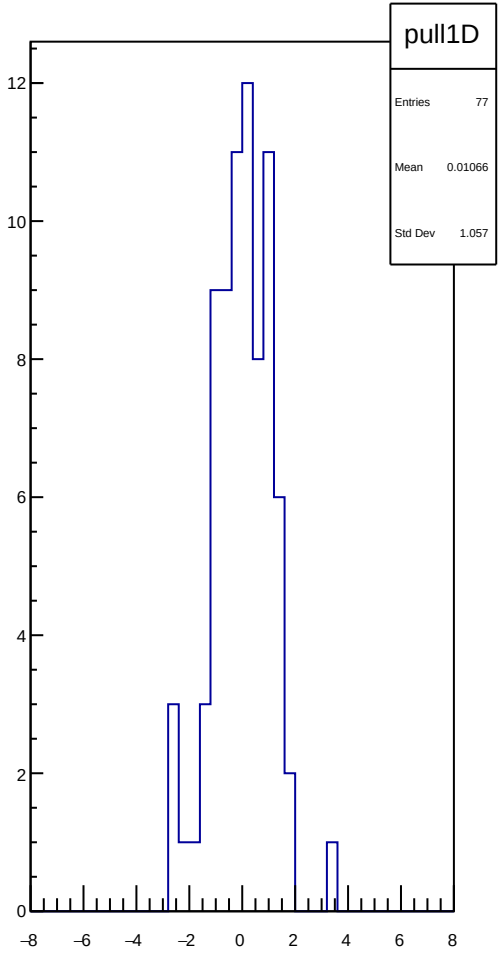

asym_sam3_correction_rms vs run
χ² / ndf 1740 / 76
p0 734.3 ± 0.5988
800
780
760
740
720
700
680

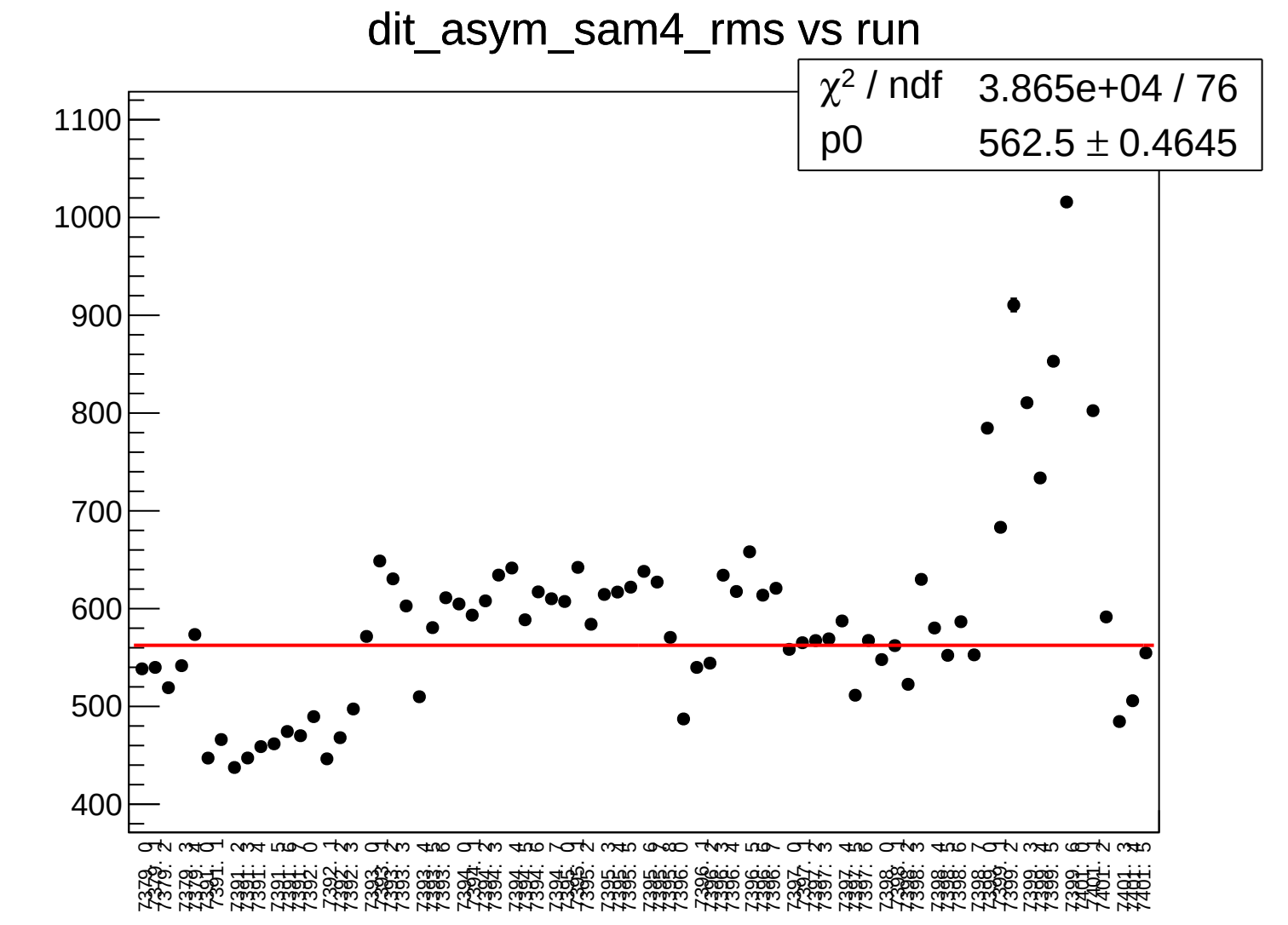

asym_sam3_mean vs run
χ² / ndf 76.73 / 76
p0 −91.7 ± 839
30000
20000
10000
0
−10000
−20000
pull
Entries 77
Mean −274.4
Std Dev 318.1
3
2
1
0
−1
−2

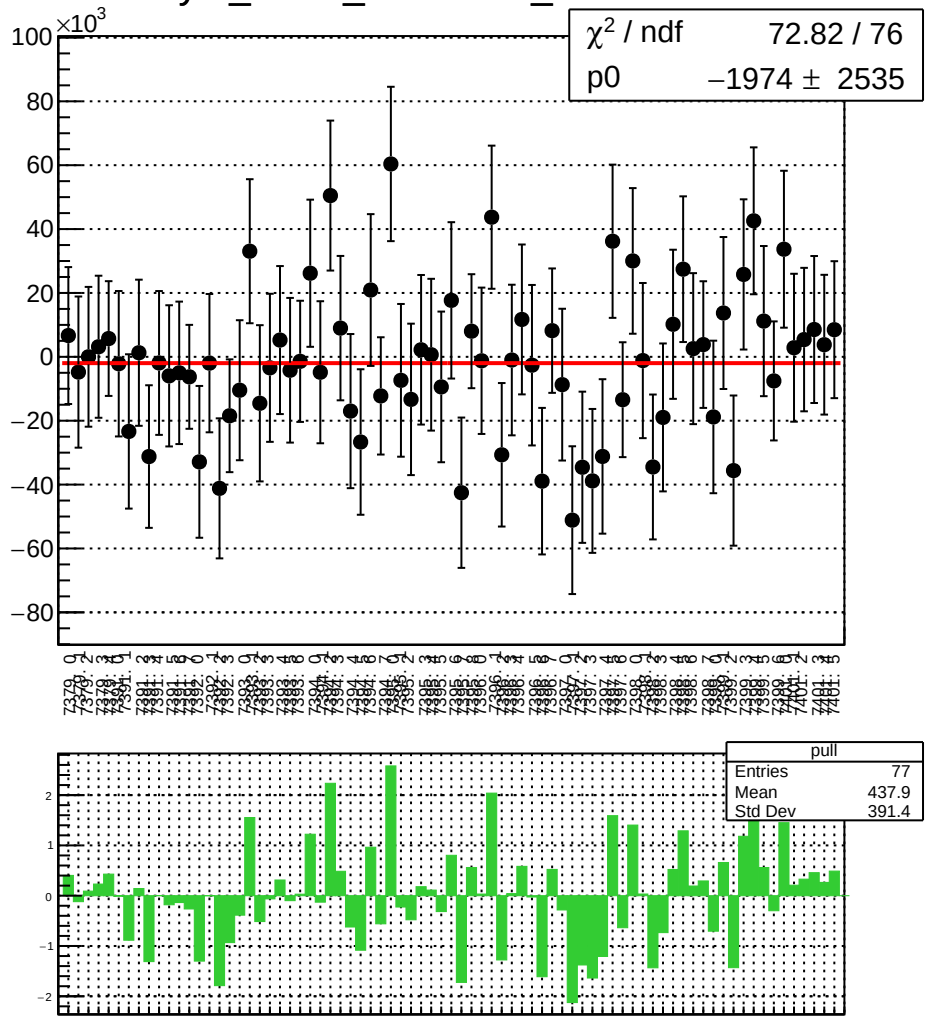

pull1D
Entries 77
Mean 0.01452
Std Dev 0.9981
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

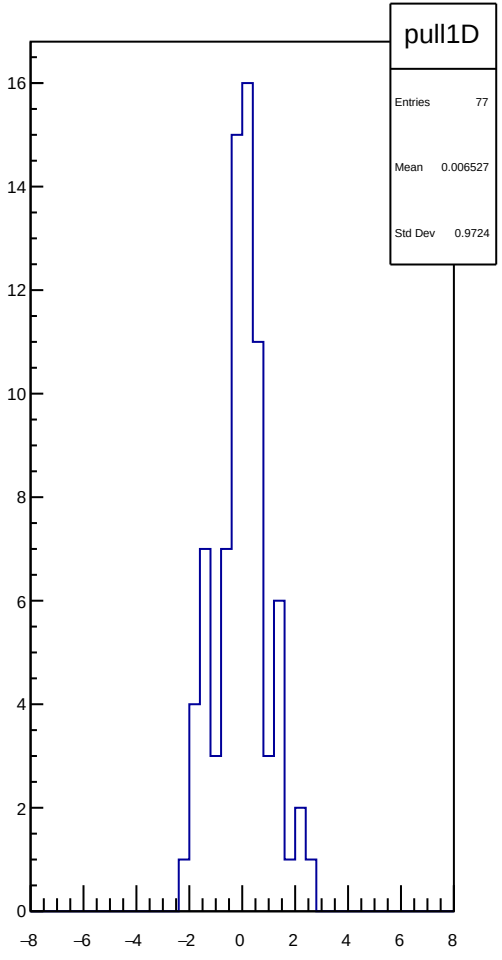

asym_sam3_rms vs run
χ^2 / ndf 1.104e+04 / 76
p0 725.2 ± 0.5933
900
850
800
750
700
650
600

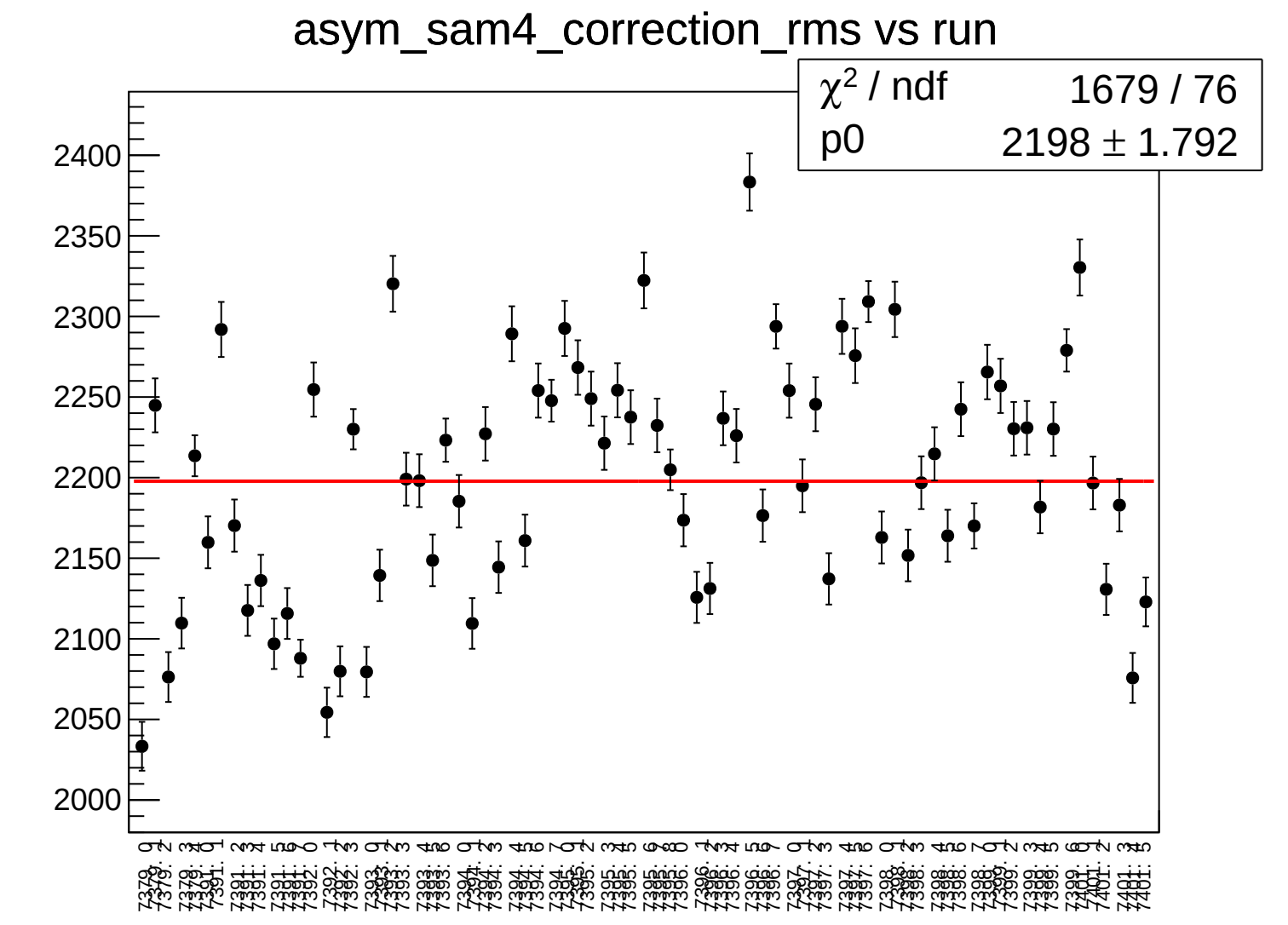

dit_asym_sam4_mean vs run
χ² / ndf 85.96 / 76
p0 79.3 ± 656.8
30000
20000
10000
0
−10000
−20000
pull
Entries 77
Mean −50.47
Std Dev 56.34
3
2
1
0
−1
−2
−3

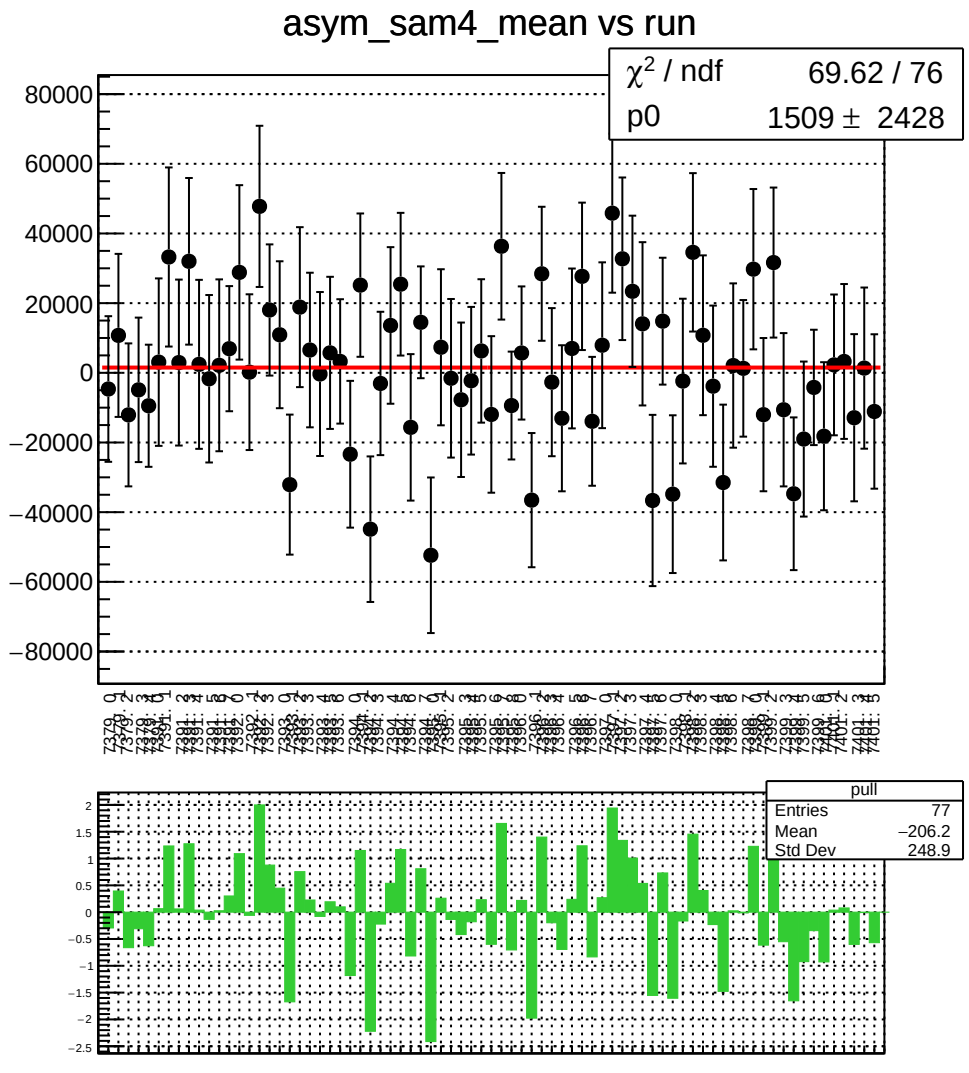

pull1D
Entries 77
Mean 0.01066
Std Dev 1.057
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

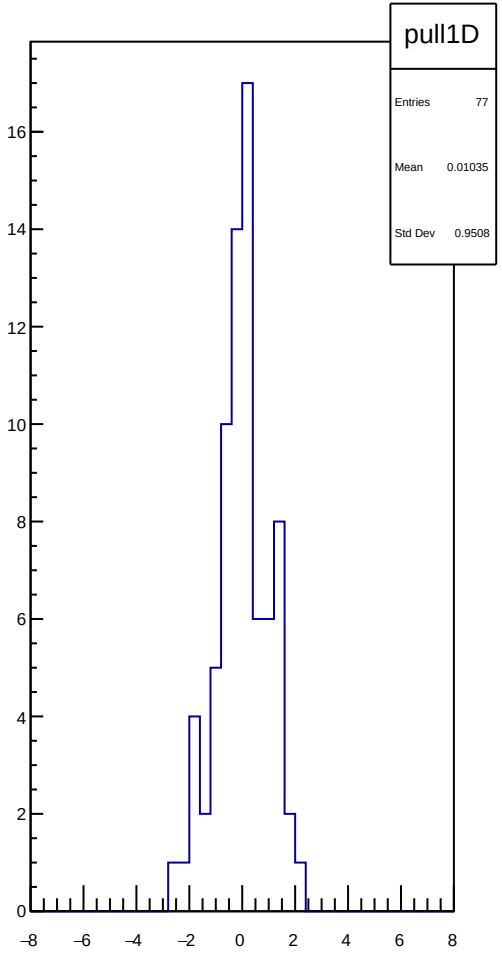

dit_asym_sam4_rms vs run
χ² / ndf 3.865e+04 / 76
p0 562.5 ± 0.4645
1100
1000
900
800
700
600
500
400

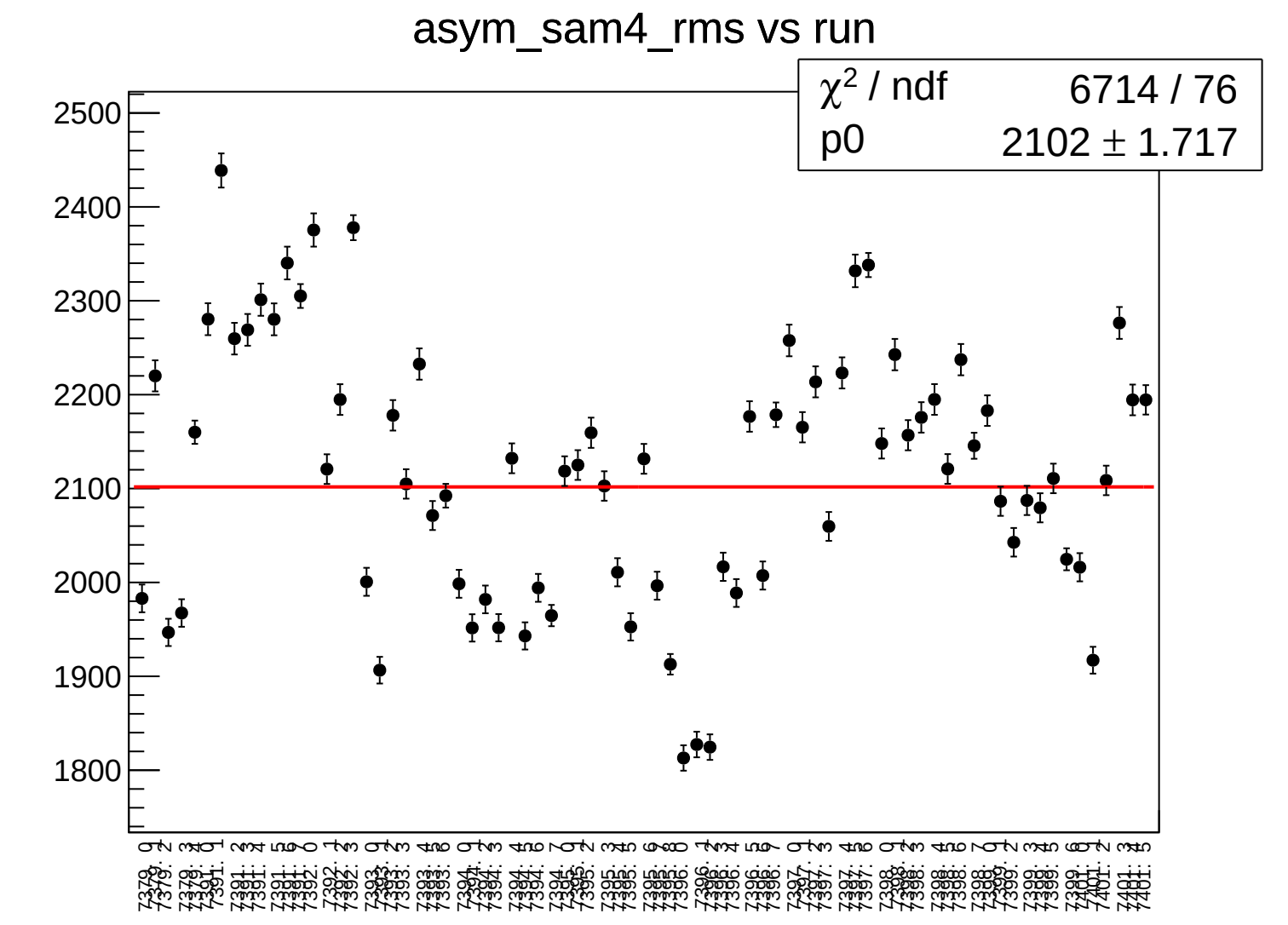

asym_sam4_correction_mean vs run
χ² / ndf 72.82 / 76
p0 −1974 ± 2535
×10³
pull
Entries 77
Mean 437.9
Std Dev 391.4

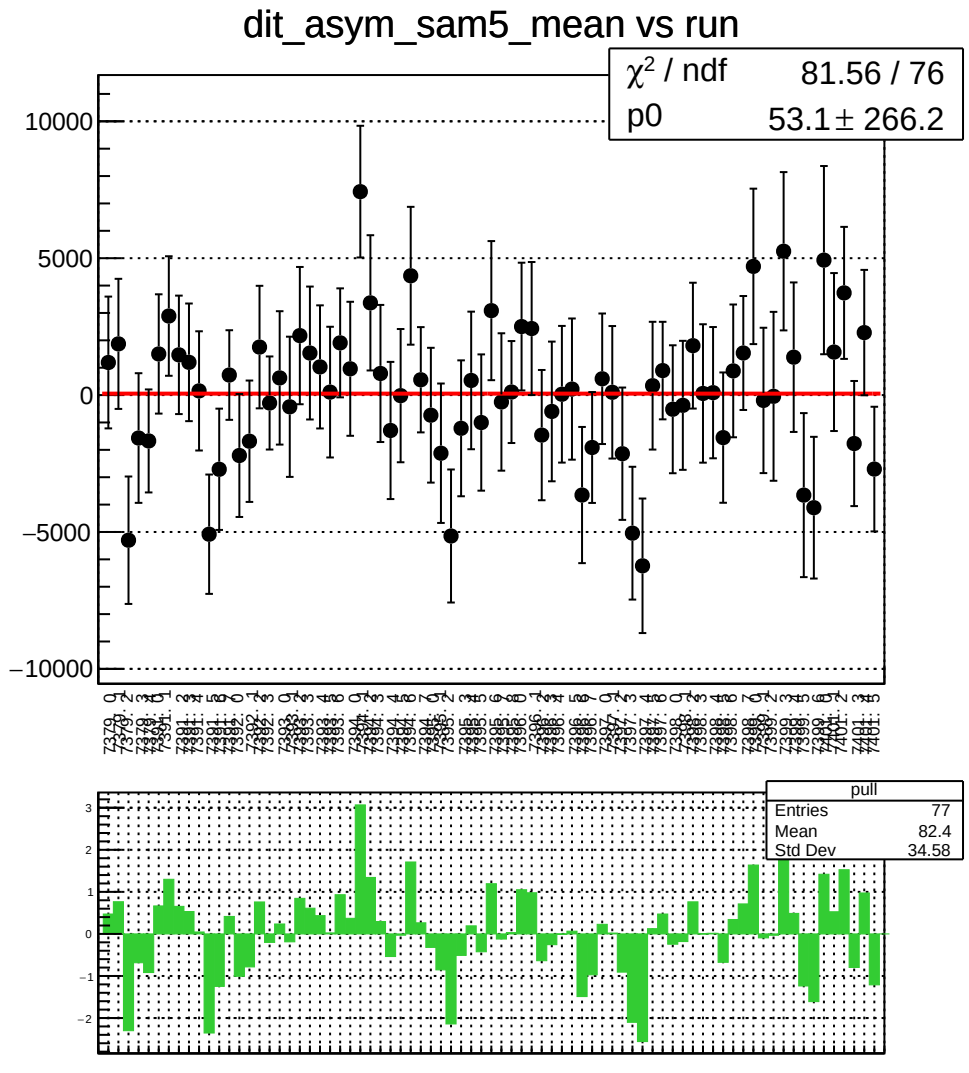

pull1D
Entries 77
Mean 0.006527
Std Dev 0.9724

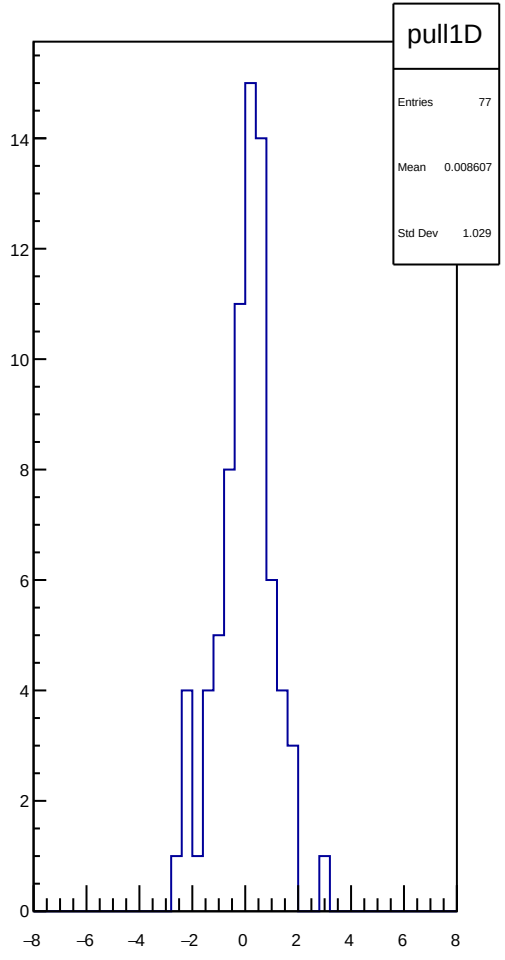

asym_sam4_correction_rms vs run
χ² / ndf 1679 / 76
p0 2198 ± 1.792
2400
2350
2300
2250
2200
2150
2100
2050
2000

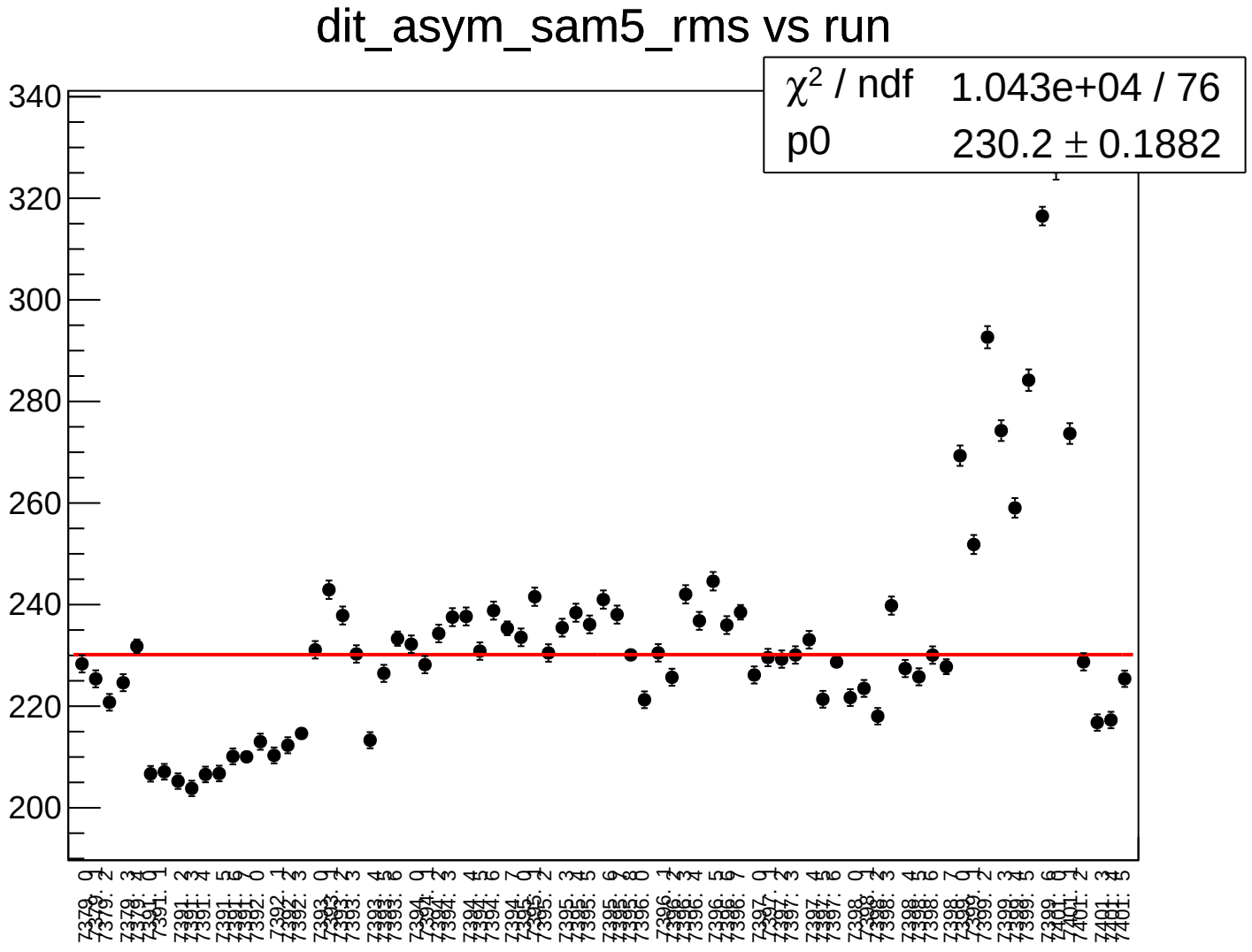

asym_sam4_mean vs run
χ² / ndf 69.62 / 76
p0 1509 ± 2428
pull
Entries 77
Mean −206.2
Std Dev 248.9

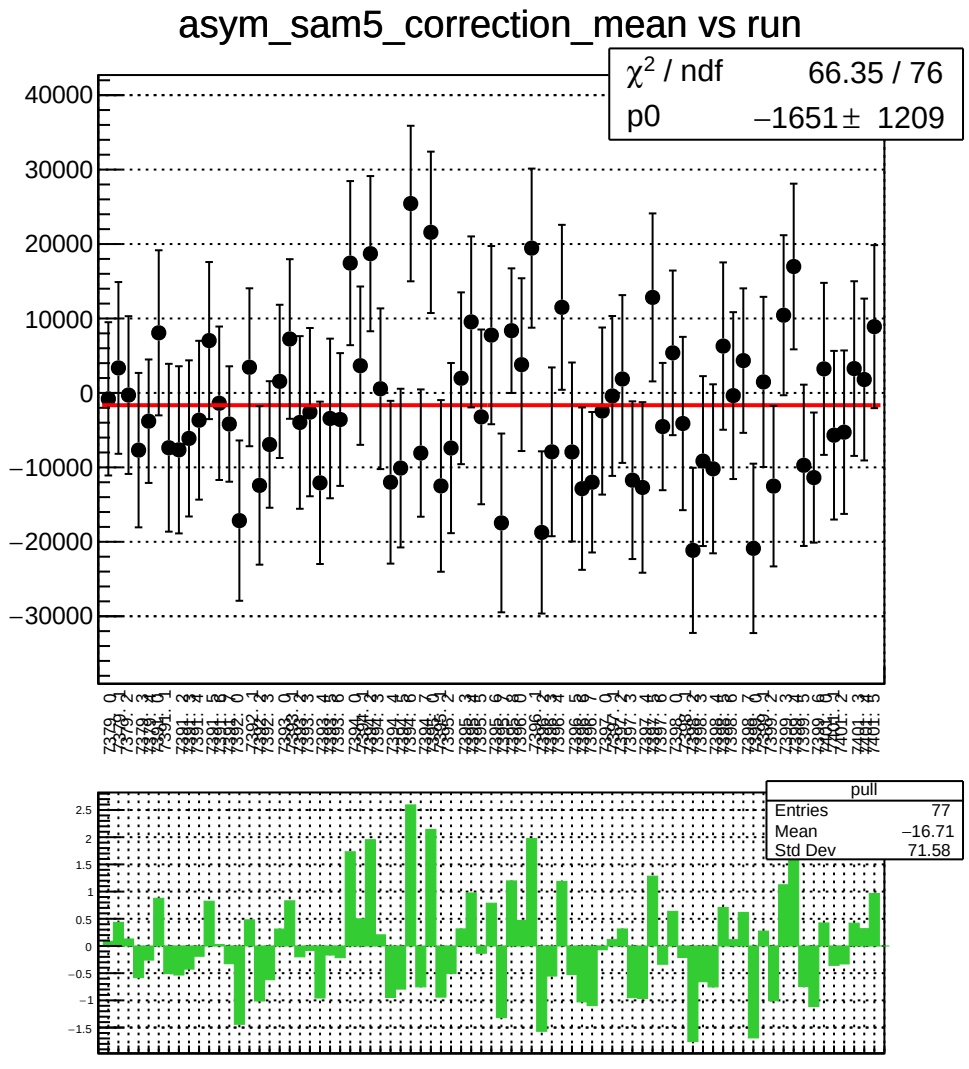

pull1D
Entries 77
Mean 0.01035
Std Dev 0.9508

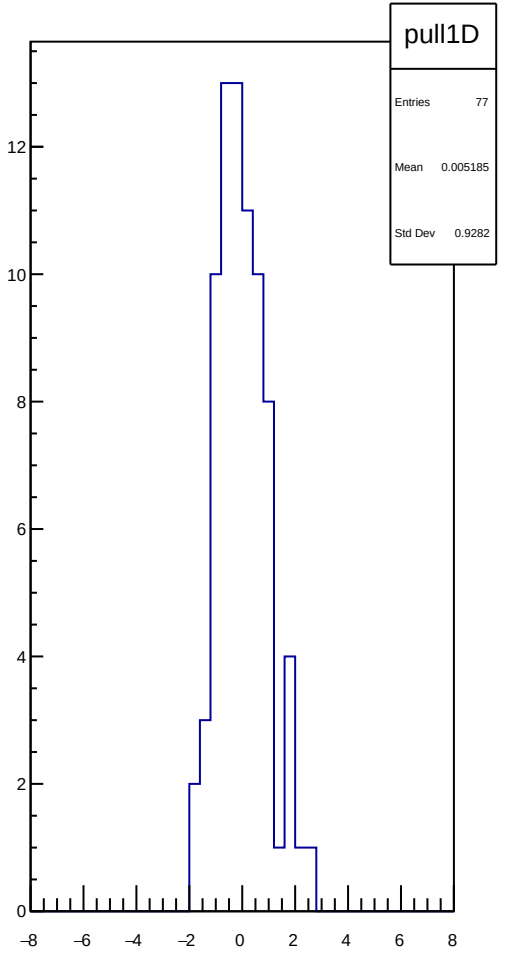

asym_sam4_rms vs run
χ² / ndf 6714 / 76
p0 2102 ± 1.717
2500
2400
2300
2200
2100
2000
1900
1800

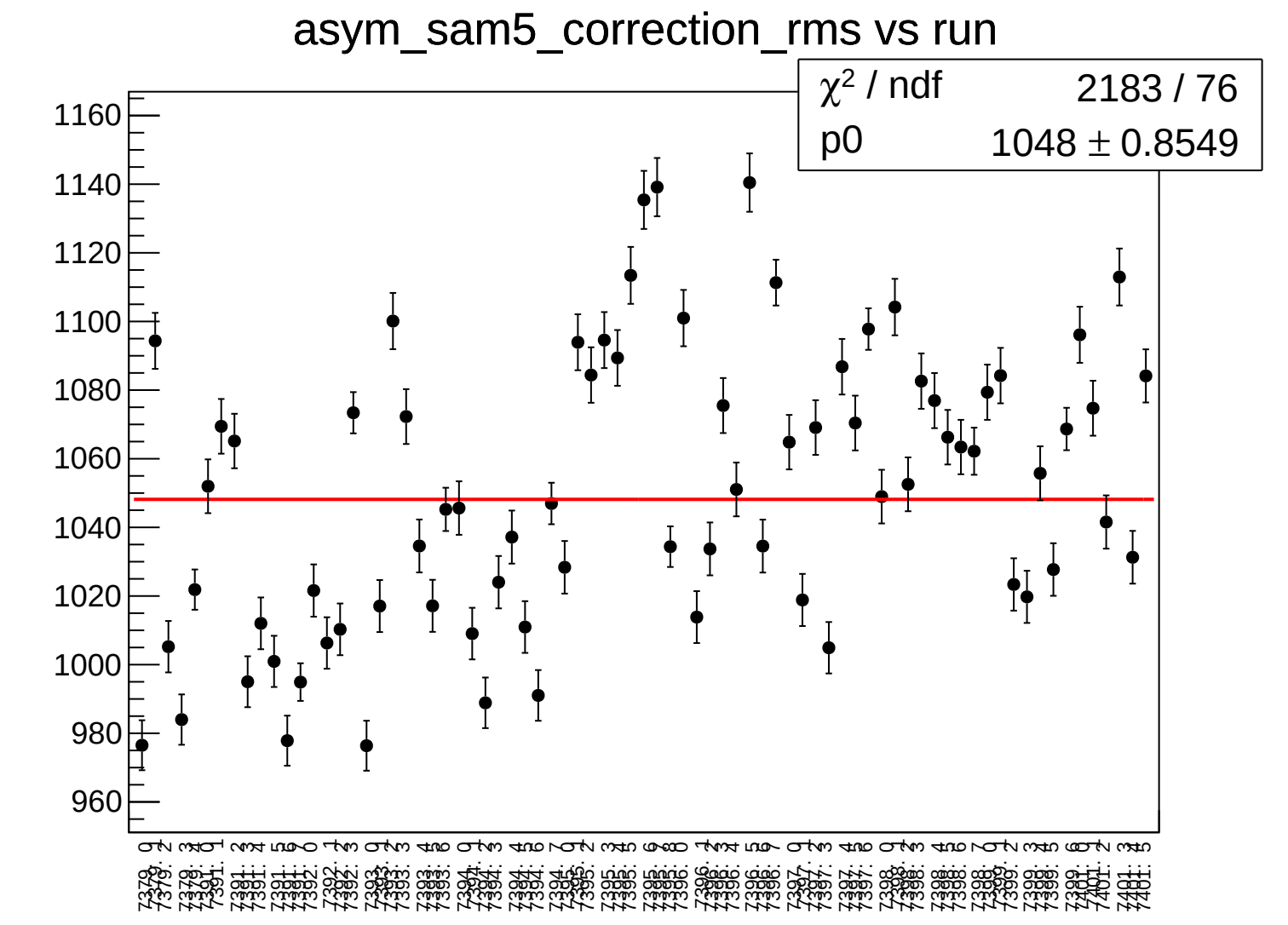

dit_asym_sam5_mean vs run
χ^2 / ndf 81.56 / 76
p0 53.1 ± 266.2
10000
5000
0
−5000
−10000
pull
Entries 77
Mean 82.4
Std Dev 34.58
3
2
1
0
−1
−2

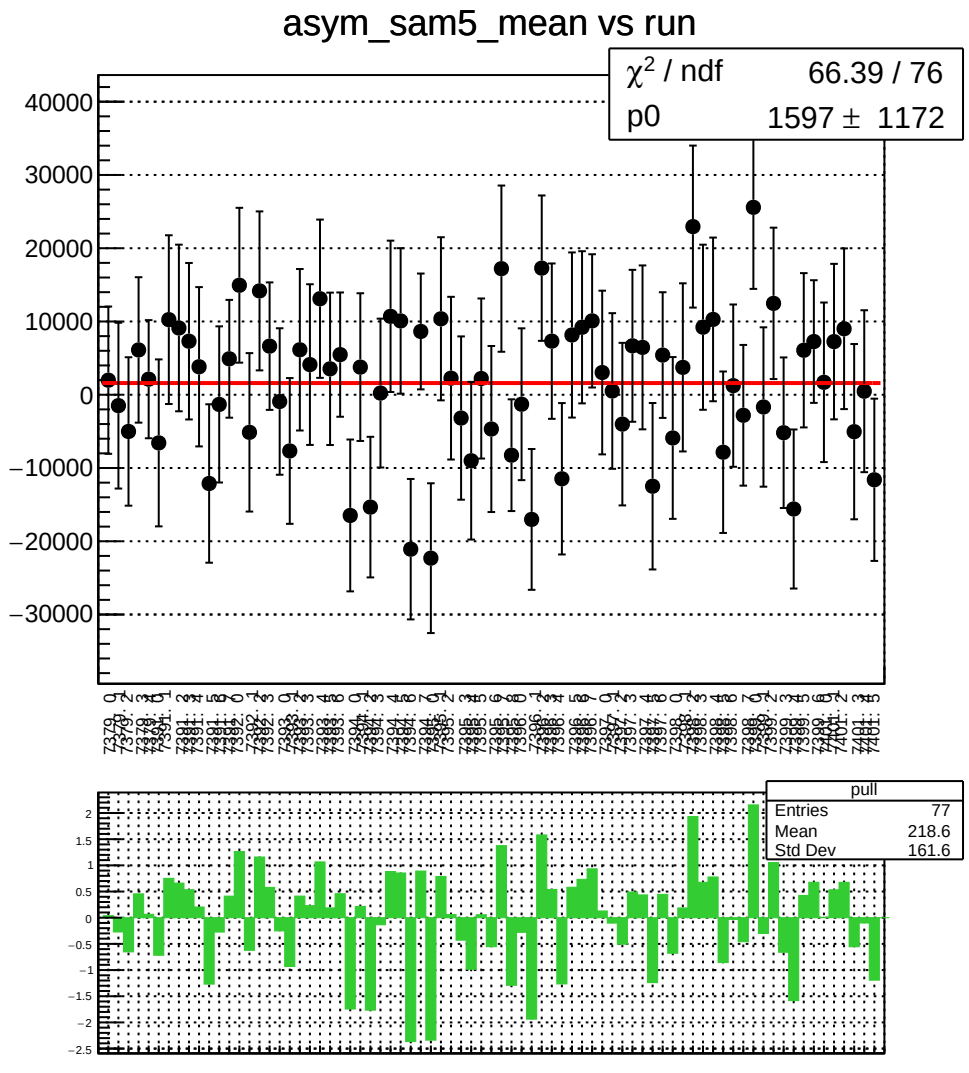

pull1D
Entries 77
Mean 0.008607
Std Dev 1.029
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

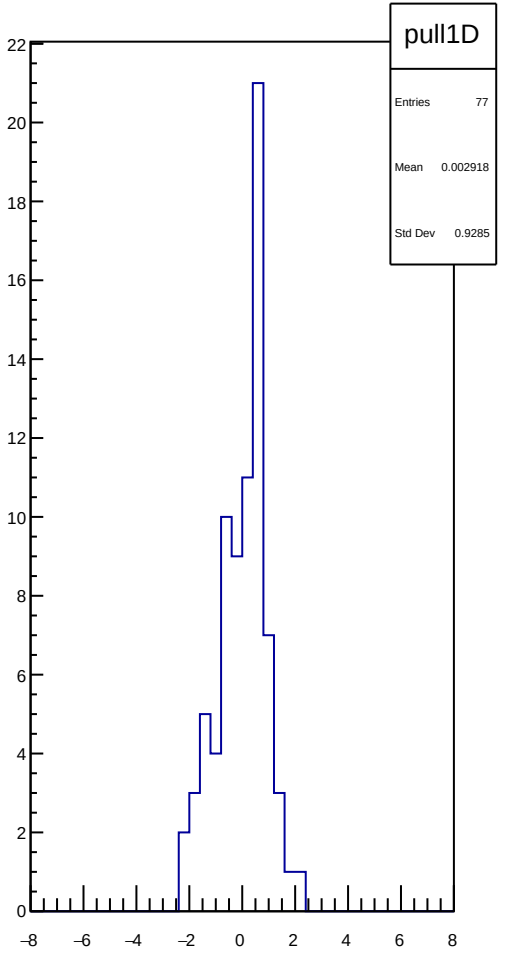

dit_asym_sam5_rms vs run
χ² / ndf 1.043e+04 / 76
p0 230.2 ± 0.1882
340
320
300
280
260
240
220
200

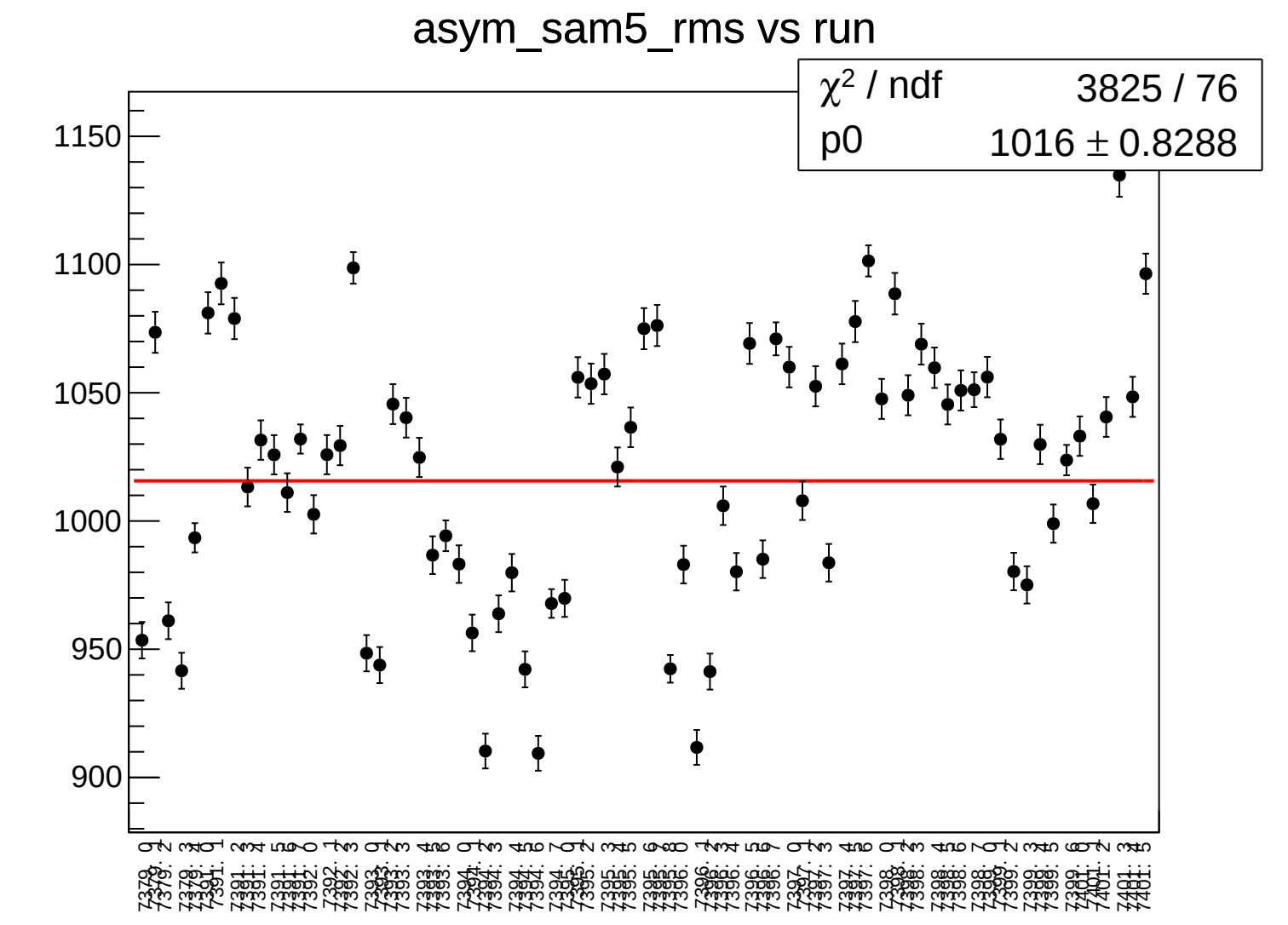

asym_sam5_correction_mean vs run
χ² / ndf 66.35 / 76
p0 −1651 ± 1209
pull
Entries 77
Mean −16.71
Std Dev 71.58

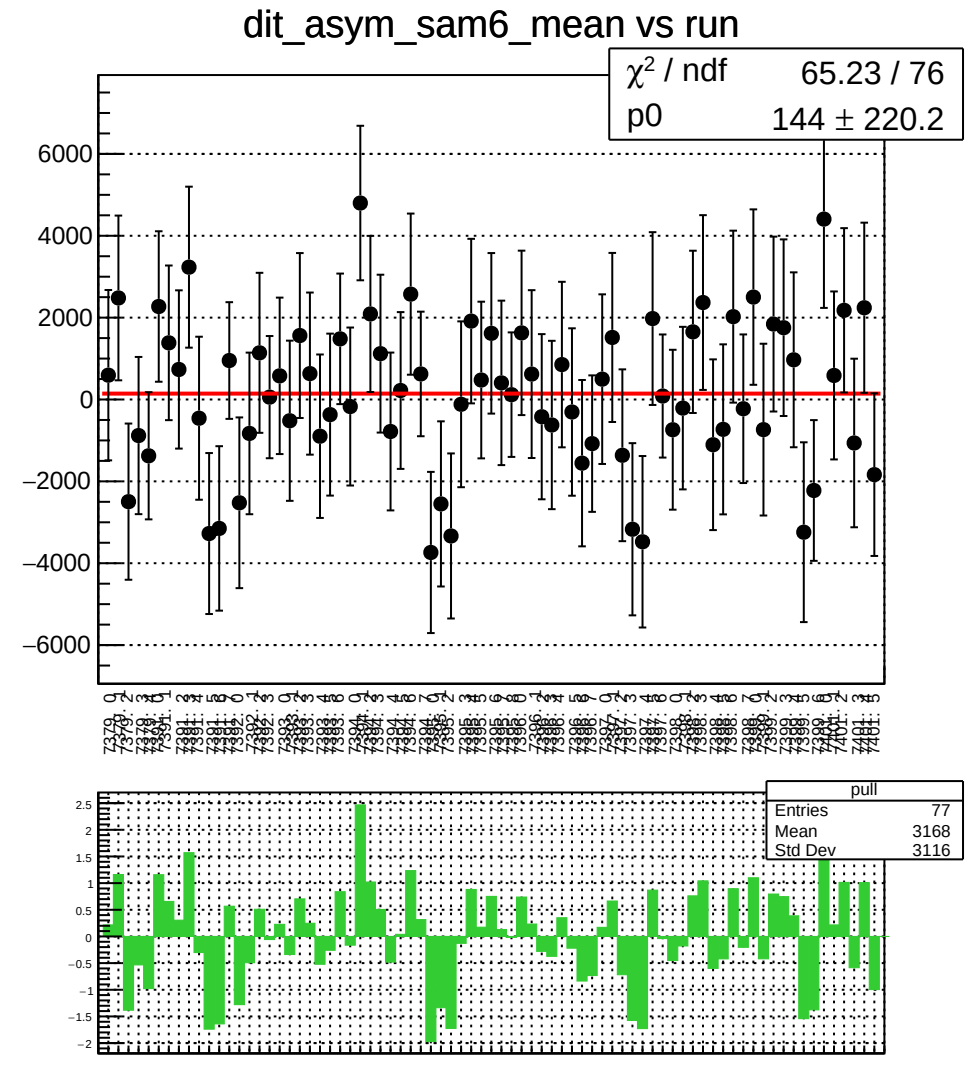

pull1D
Entries 77
Mean 0.005185
Std Dev 0.9282

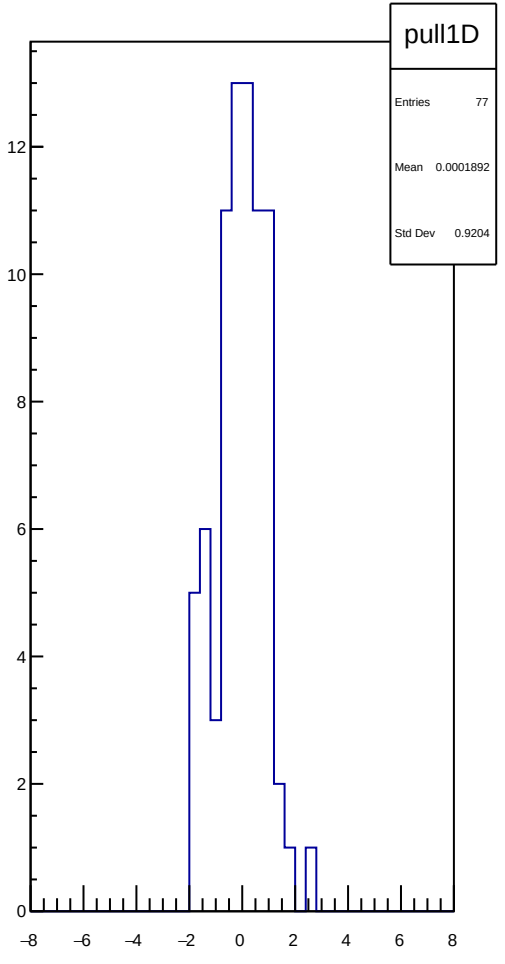

asym_sam5_correction_rms vs run
χ² / ndf 2183 / 76
p0 1048 ± 0.8549
1160
1140
1120
1100
1080
1060
1040
1020
1000
980
960

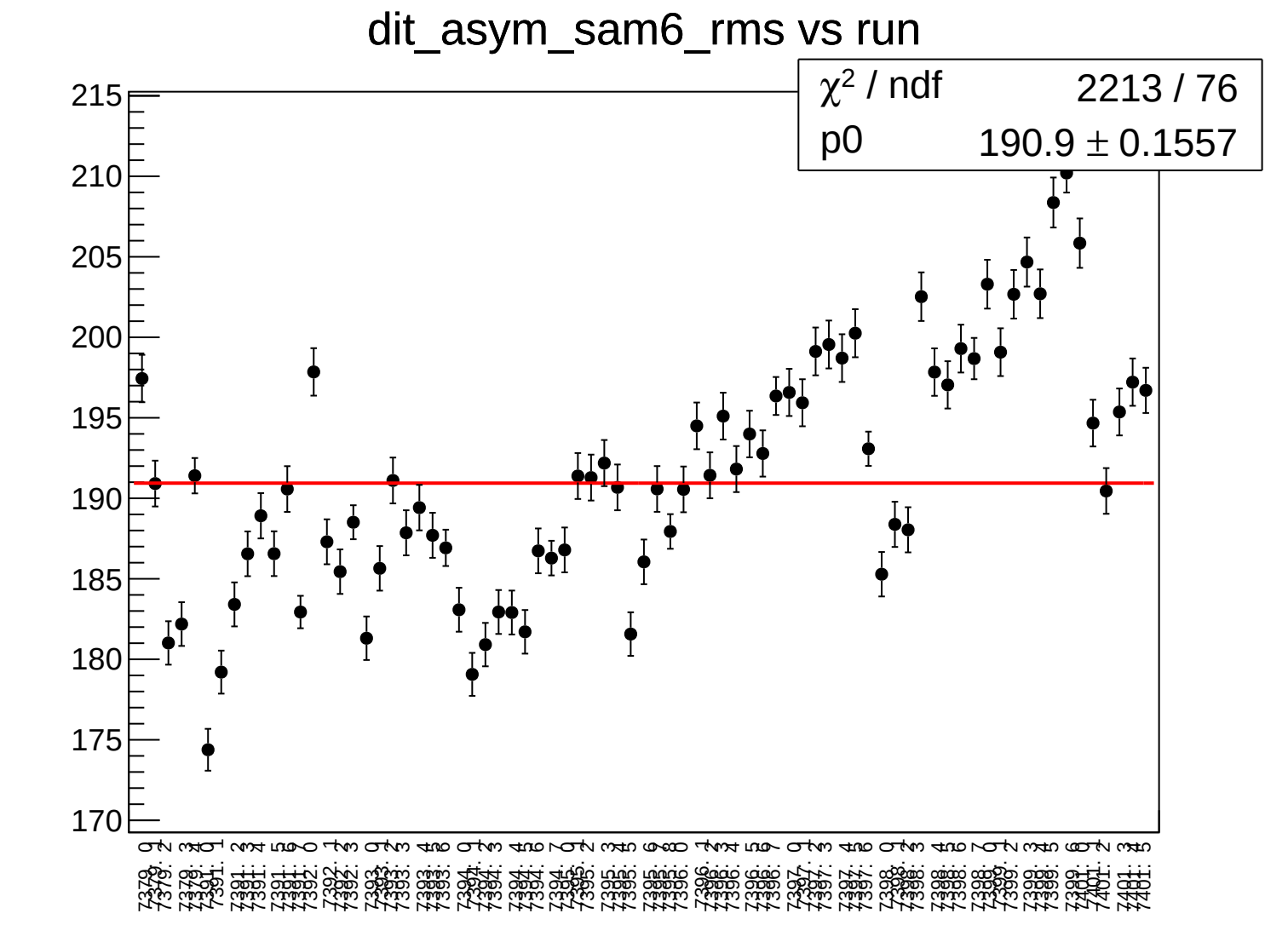

asym_sam5_mean vs run
χ² / ndf 66.39 / 76
p0 1597 ± 1172
pull
Entries 77
Mean 218.6
Std Dev 161.6

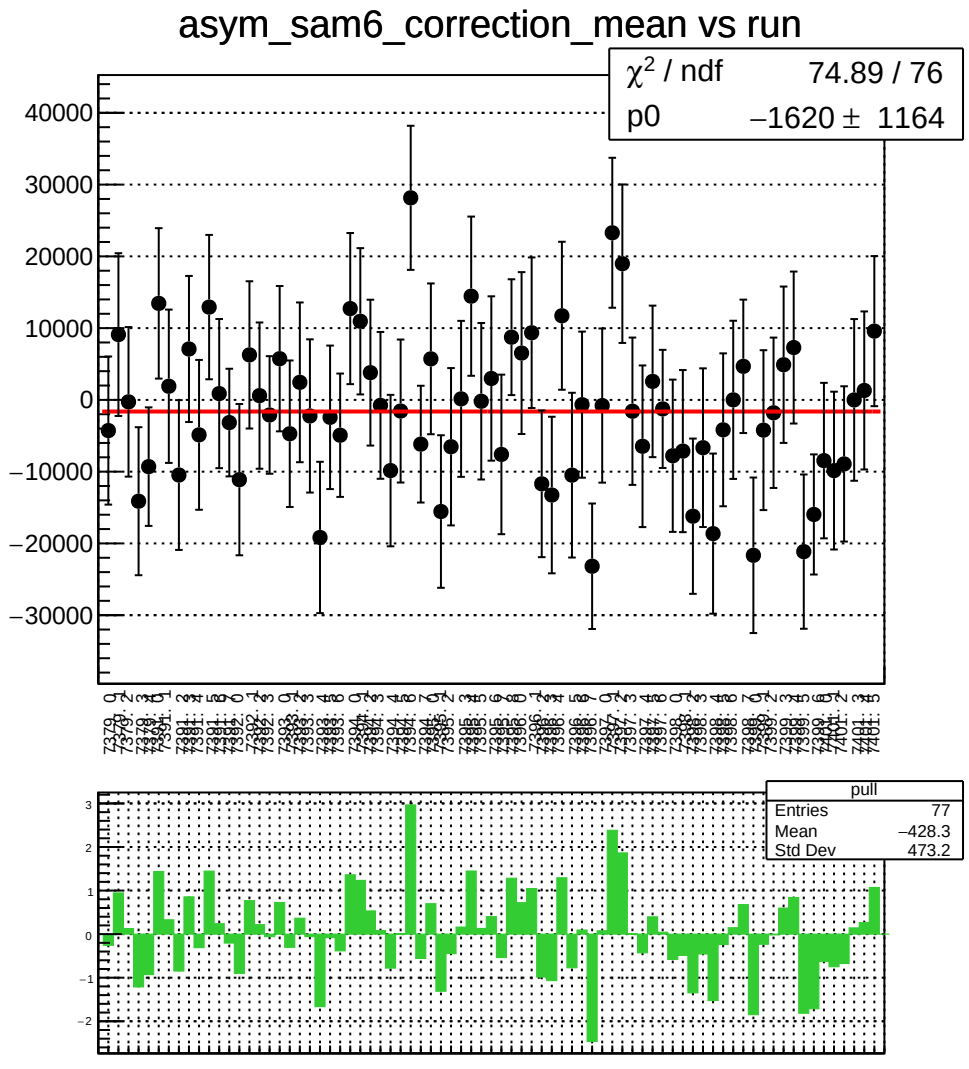

pull1D
Entries 77
Mean 0.002918
Std Dev 0.9285

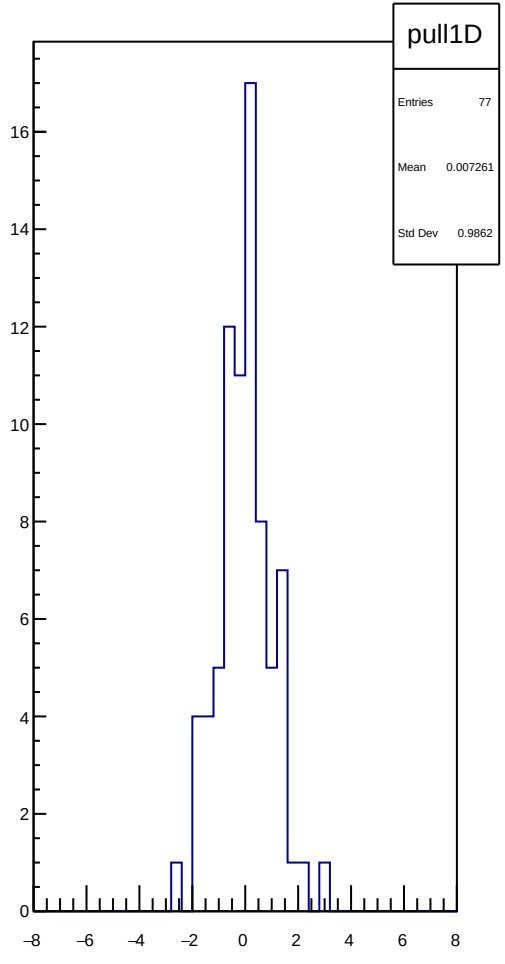

asym_sam5_rms vs run
χ² / ndf 3825 / 76
p0 1016 ± 0.8288
1150
1100
1050
1000
950
900

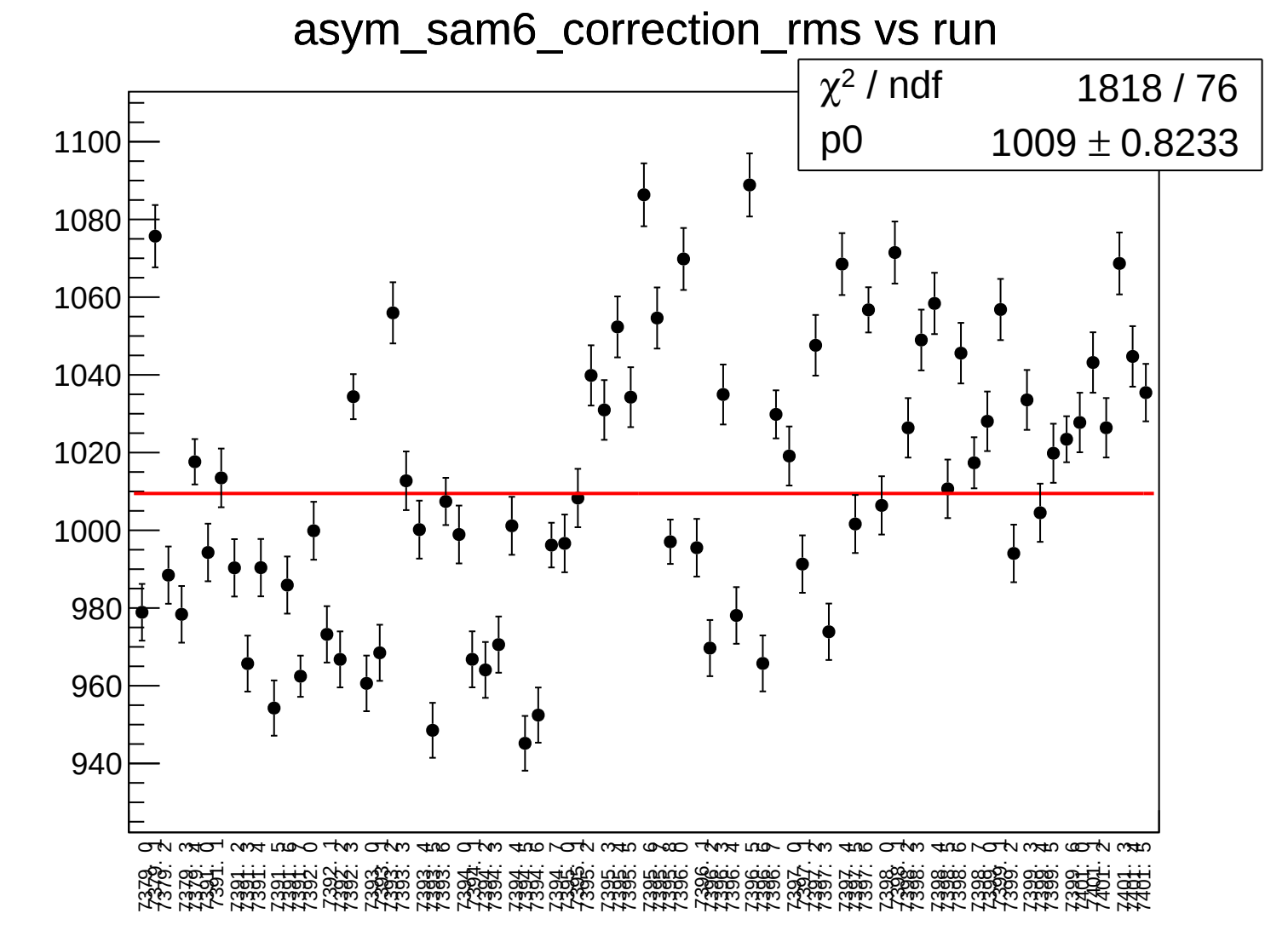

dit_asym_sam6_mean vs run
χ² / ndf 65.23 / 76
p0 144 ± 220.2
6000
4000
2000
0
−2000
−4000
−6000
pull
Entries 77
Mean 3168
Std Dev 3116
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

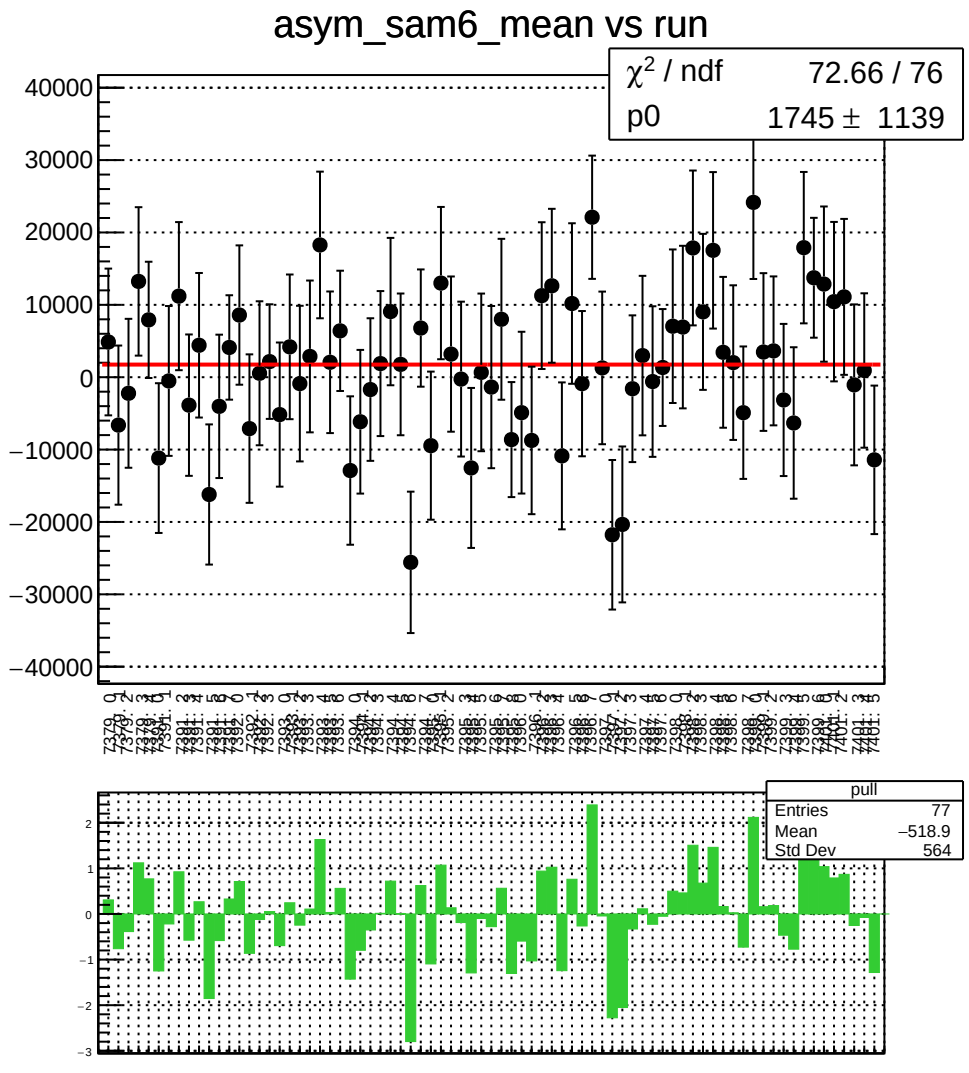

pull1D
Entries 77
Mean 0.0001892
Std Dev 0.9204
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

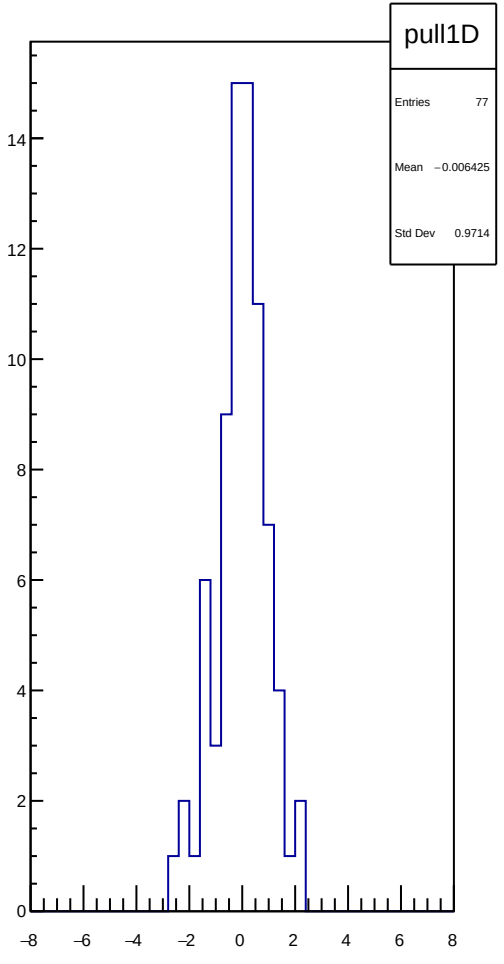

dit_asym_sam6_rms vs run
χ² / ndf 2213 / 76
p0 190.9 ± 0.1557
215
210
205
200
195
190
185
180
175
170

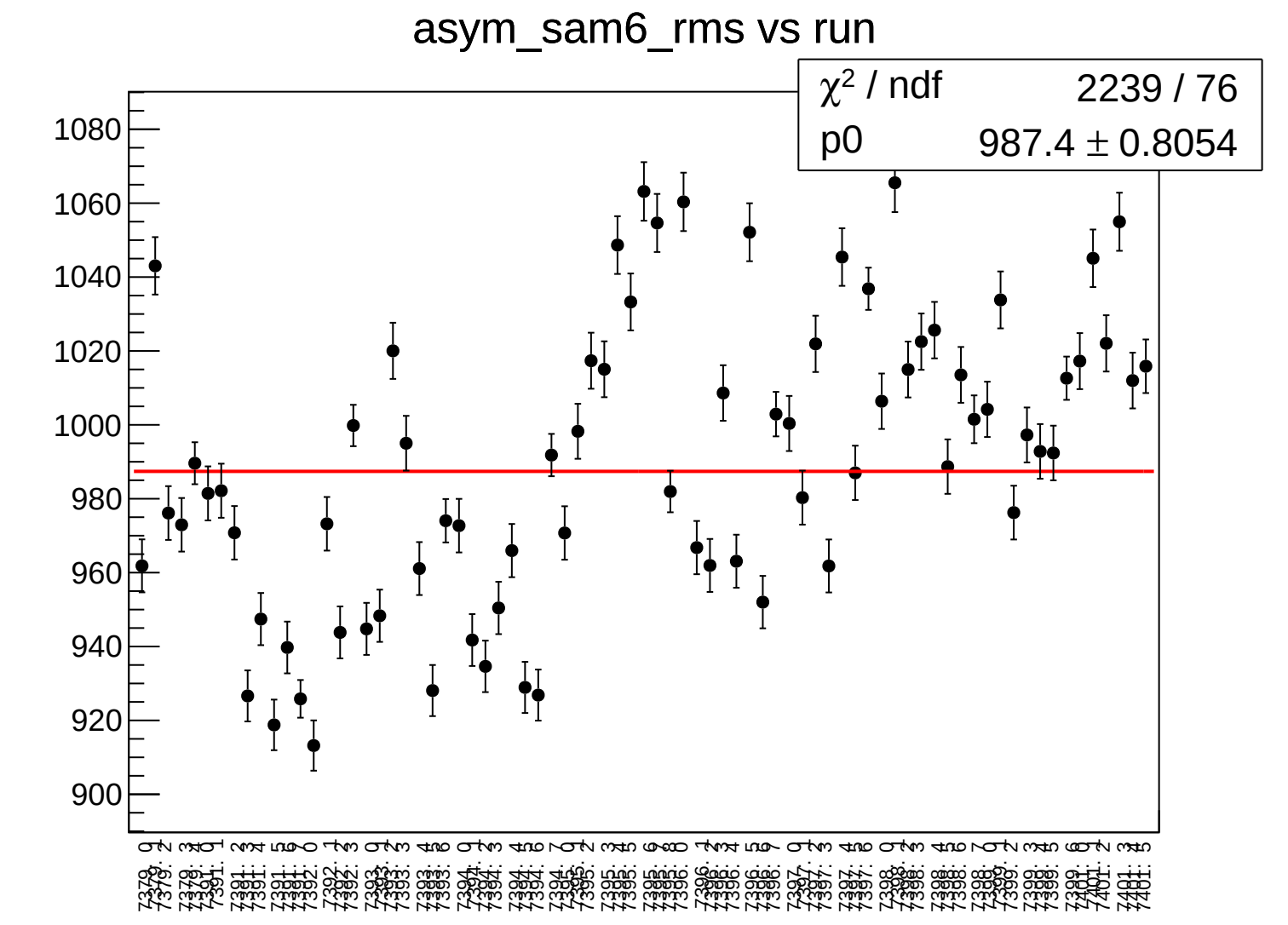

asym_sam6_correction_mean vs run
χ² / ndf 74.89 / 76
p0 −1620 ± 1164
40000
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 77
Mean −428.3
Std Dev 473.2
3
2
1
0
−1
−2

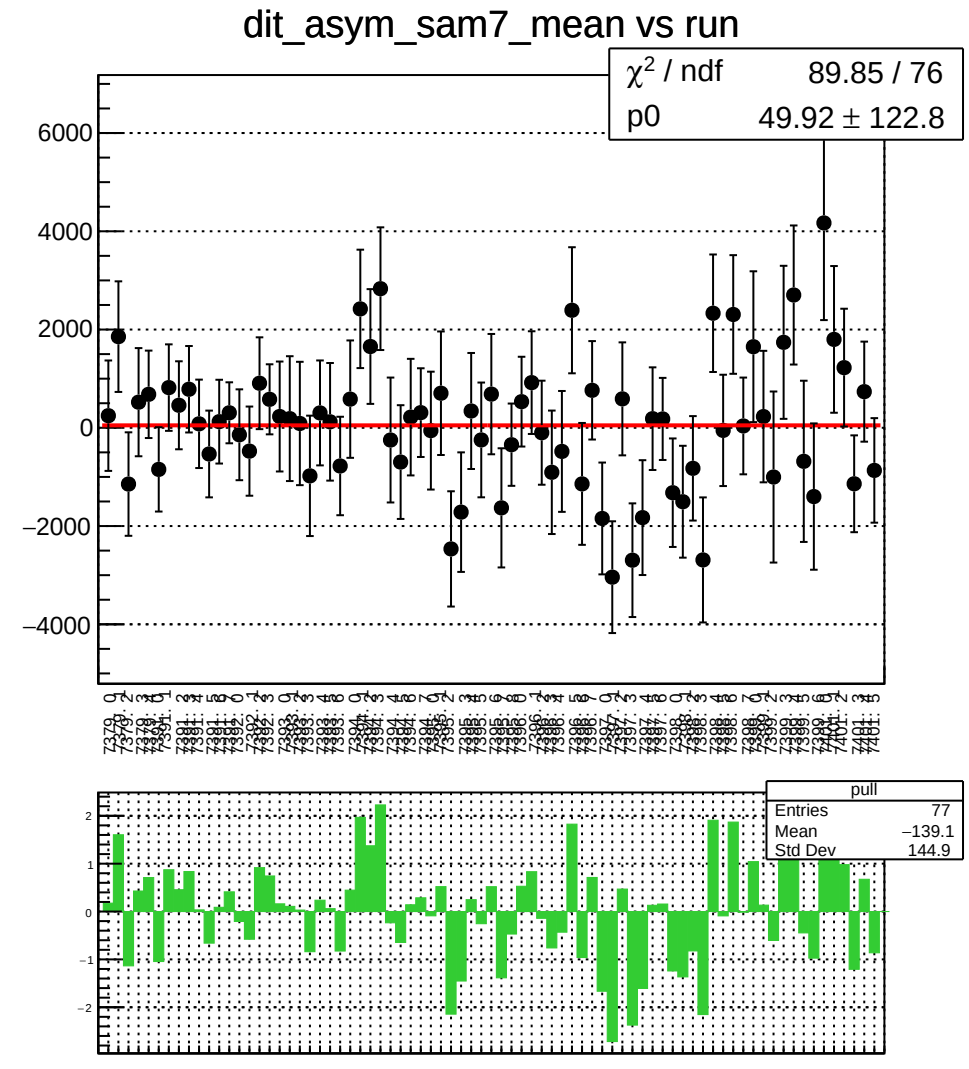

pull1D
Entries 77
Mean 0.007261
Std Dev 0.9862
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

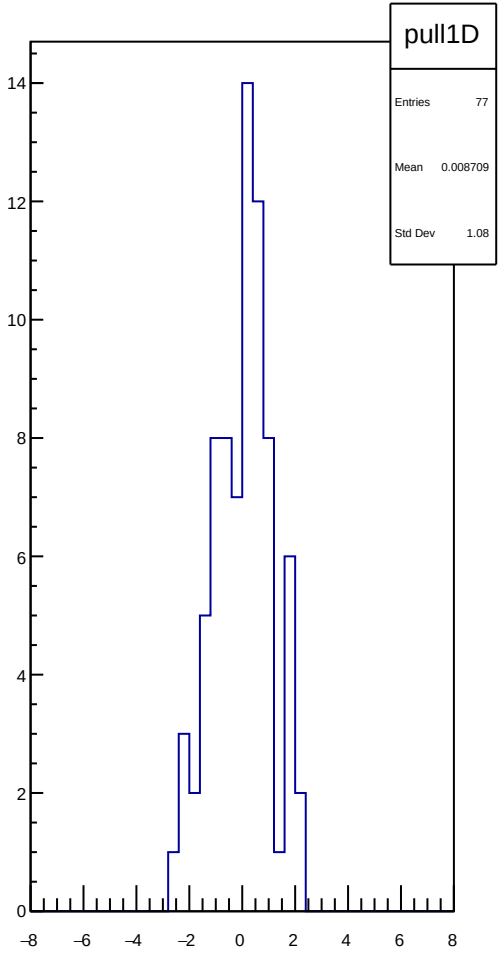

asym_sam6_correction_rms vs run
χ² / ndf 1818 / 76
p0 1009 ± 0.8233
1100
1080
1060
1040
1020
1000
980
960
940

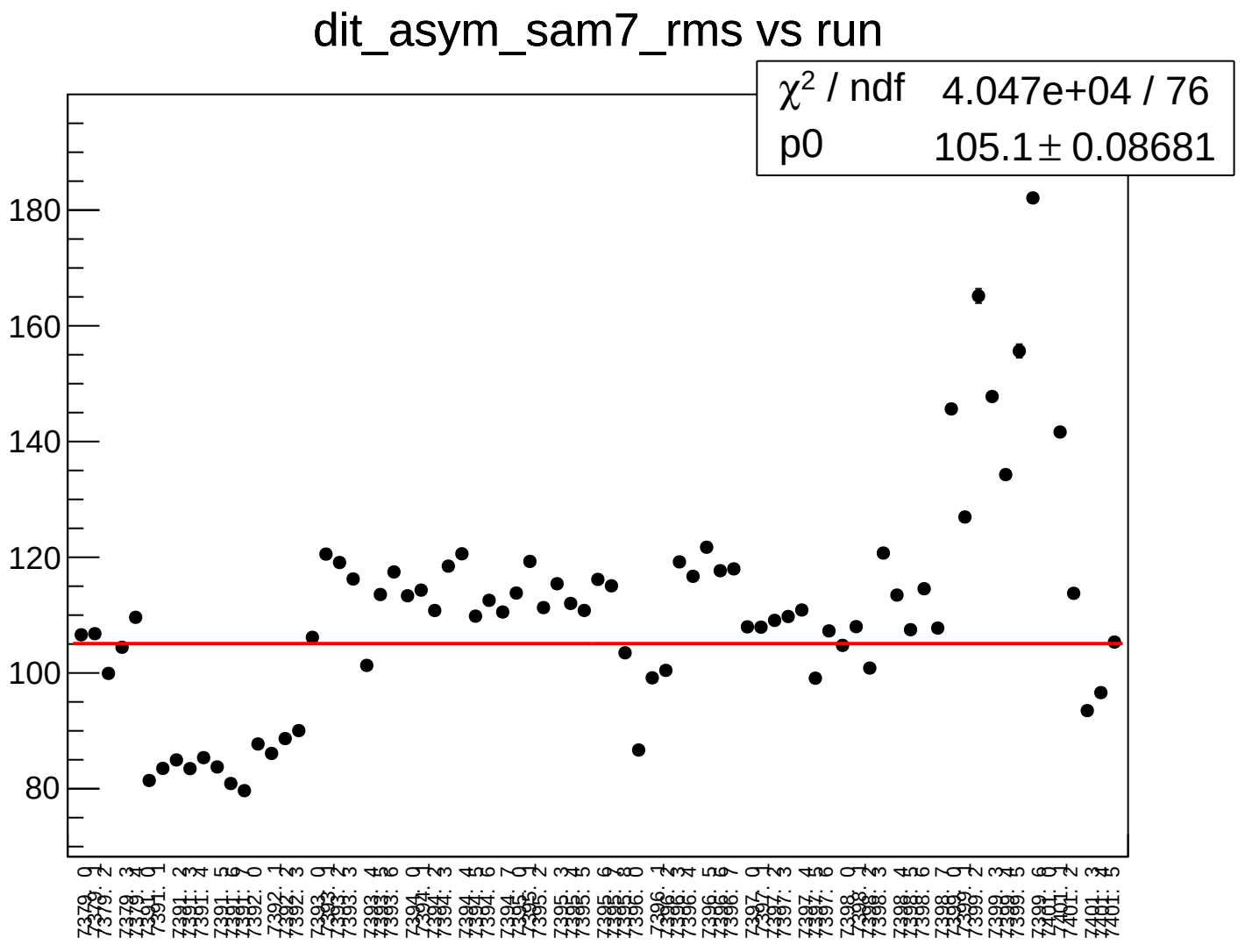

asym_sam6_mean vs run
χ² / ndf 72.66 / 76
p0 1745 ± 1139
pull
Entries 77
Mean −518.9
Std Dev 564

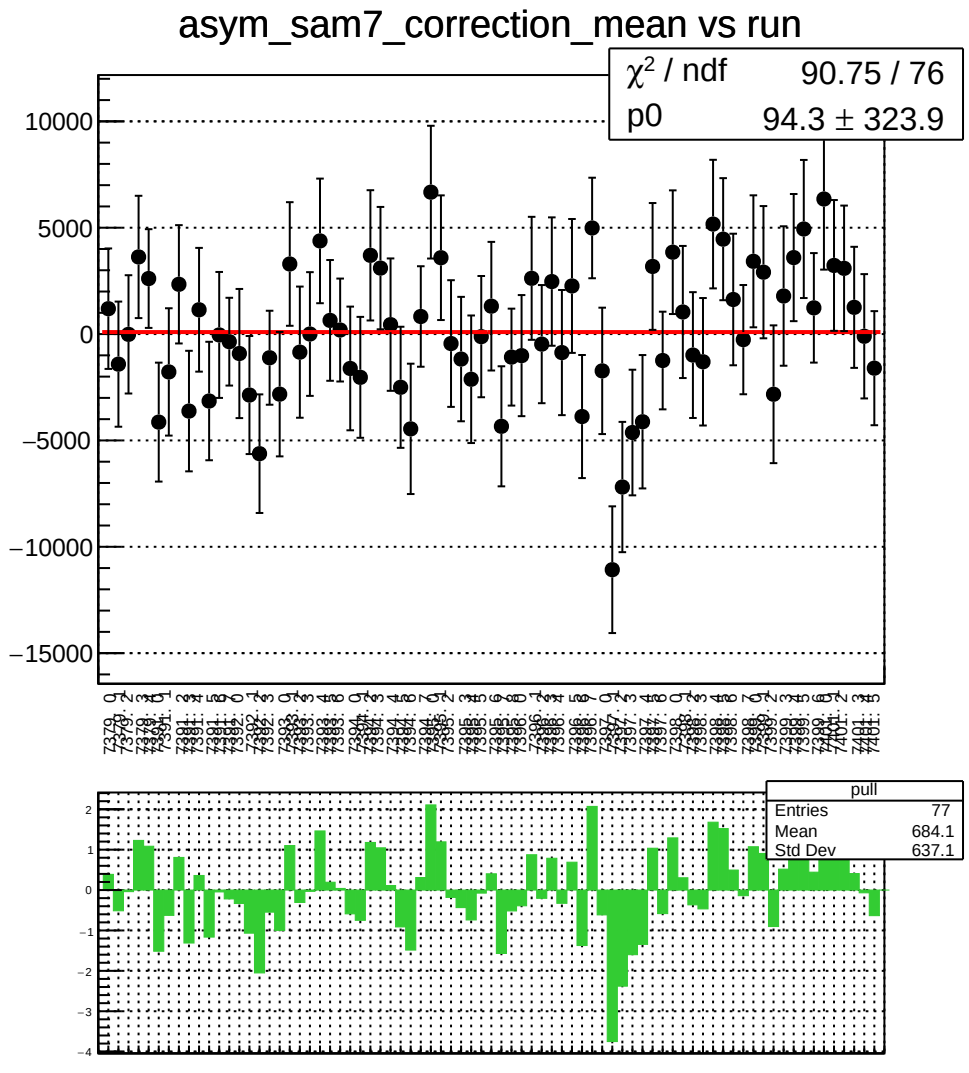

pull1D
Entries 77
Mean −0.006425
Std Dev 0.9714

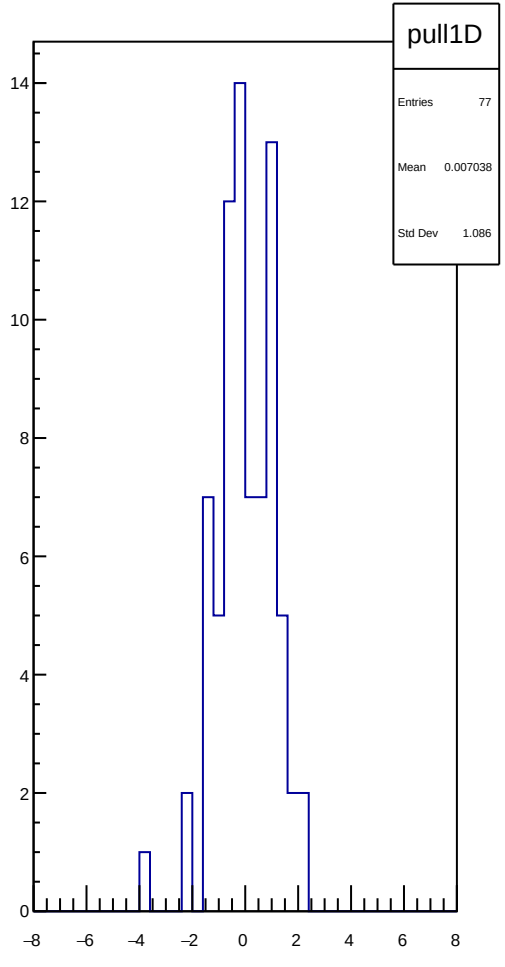

asym_sam6_rms vs run
χ² / ndf 2239 / 76
p0 987.4 ± 0.8054
1080
1060
1040
1020
1000
980
960
940
920
900

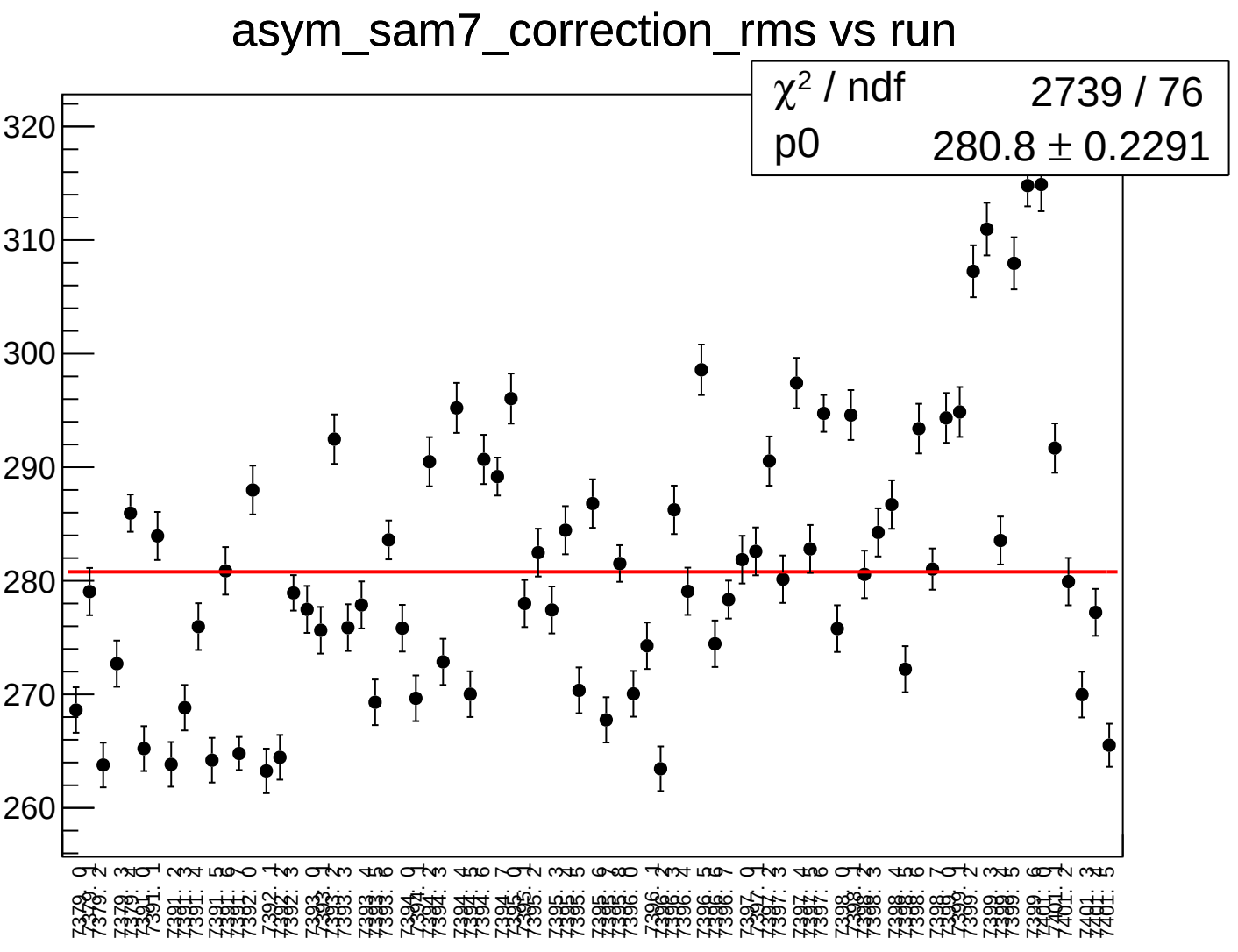

dit_asym_sam7_mean vs run
χ^2 / ndf 89.85 / 76
p0 49.92 ± 122.8
pull
Entries 77
Mean −139.1
Std Dev 144.9

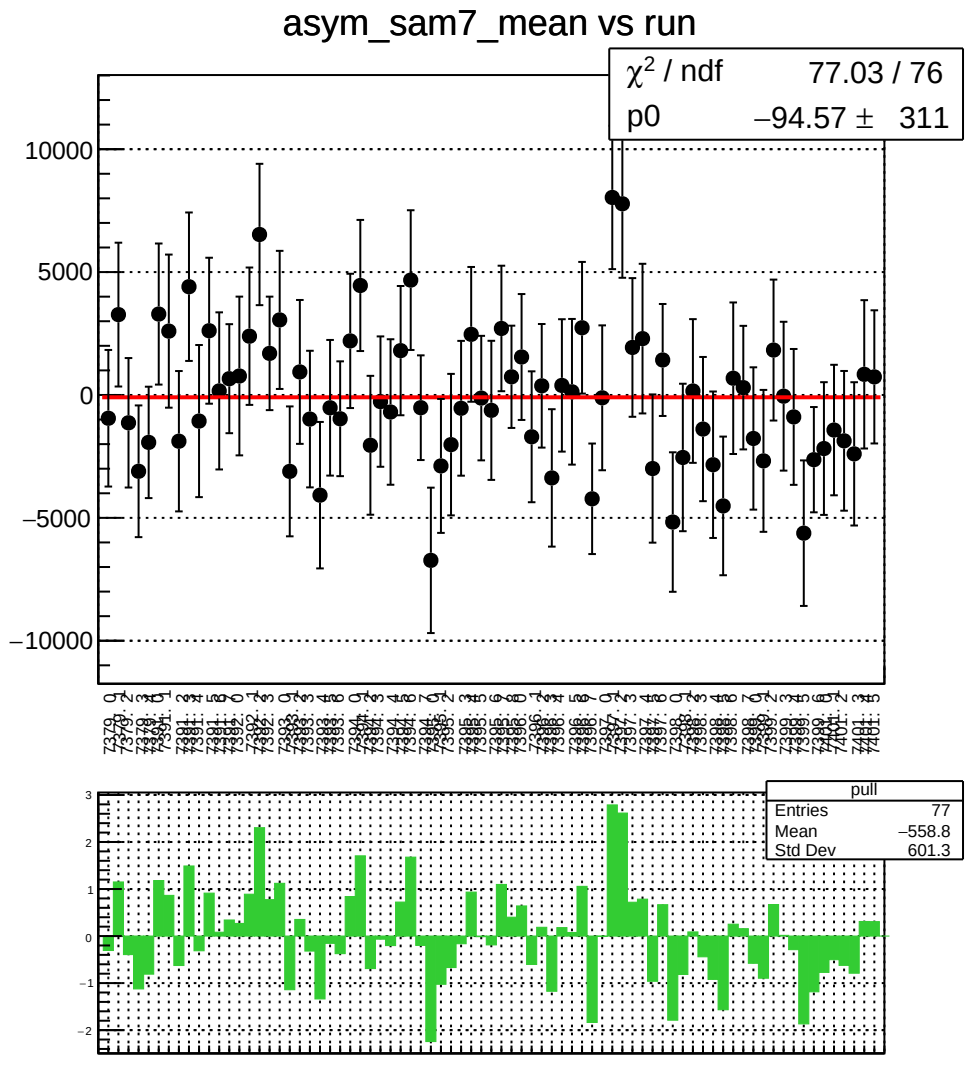

pull1D
Entries 77
Mean 0.008709
Std Dev 1.08

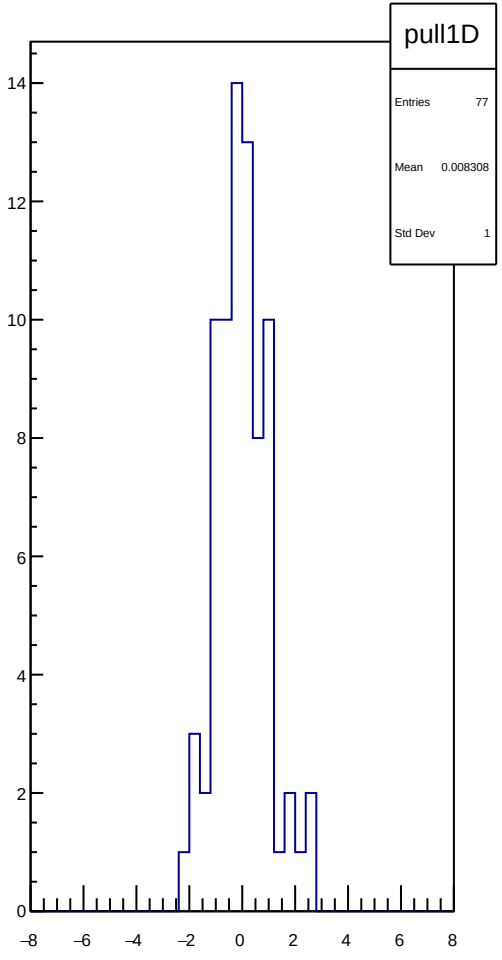

dit_asym_sam7_rms vs run
χ² / ndf 4.047e+04 / 76
p0 105.1 ± 0.08681
180
160
140
120
100
80

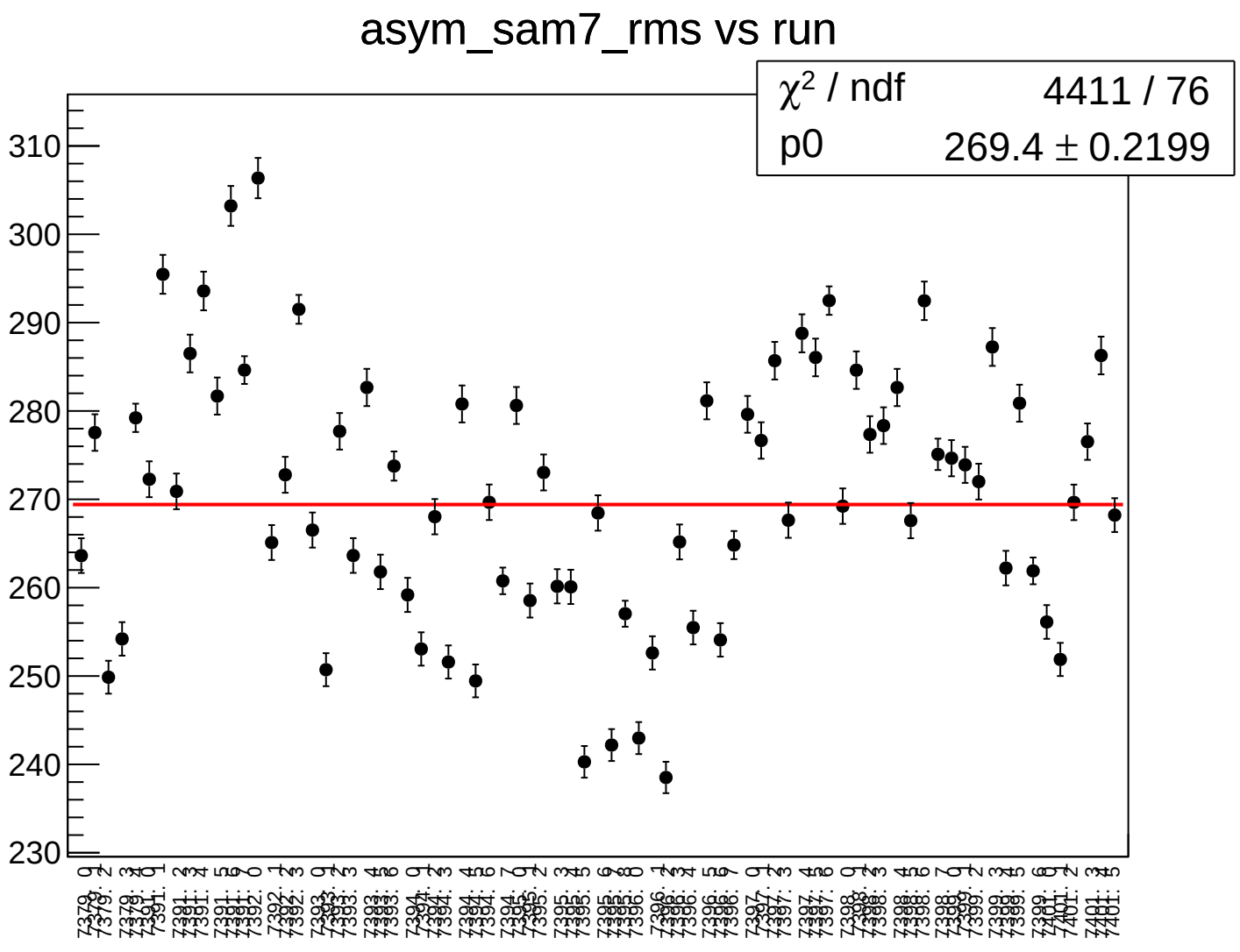

asym_sam7_correction_mean vs run
χ² / ndf 90.75 / 76
p0 94.3 ± 323.9
10000
5000
0
−5000
−10000
−15000
pull
Entries 77
Mean 684.1
Std Dev 637.1
2
1
0
−1
−2
−3
−4

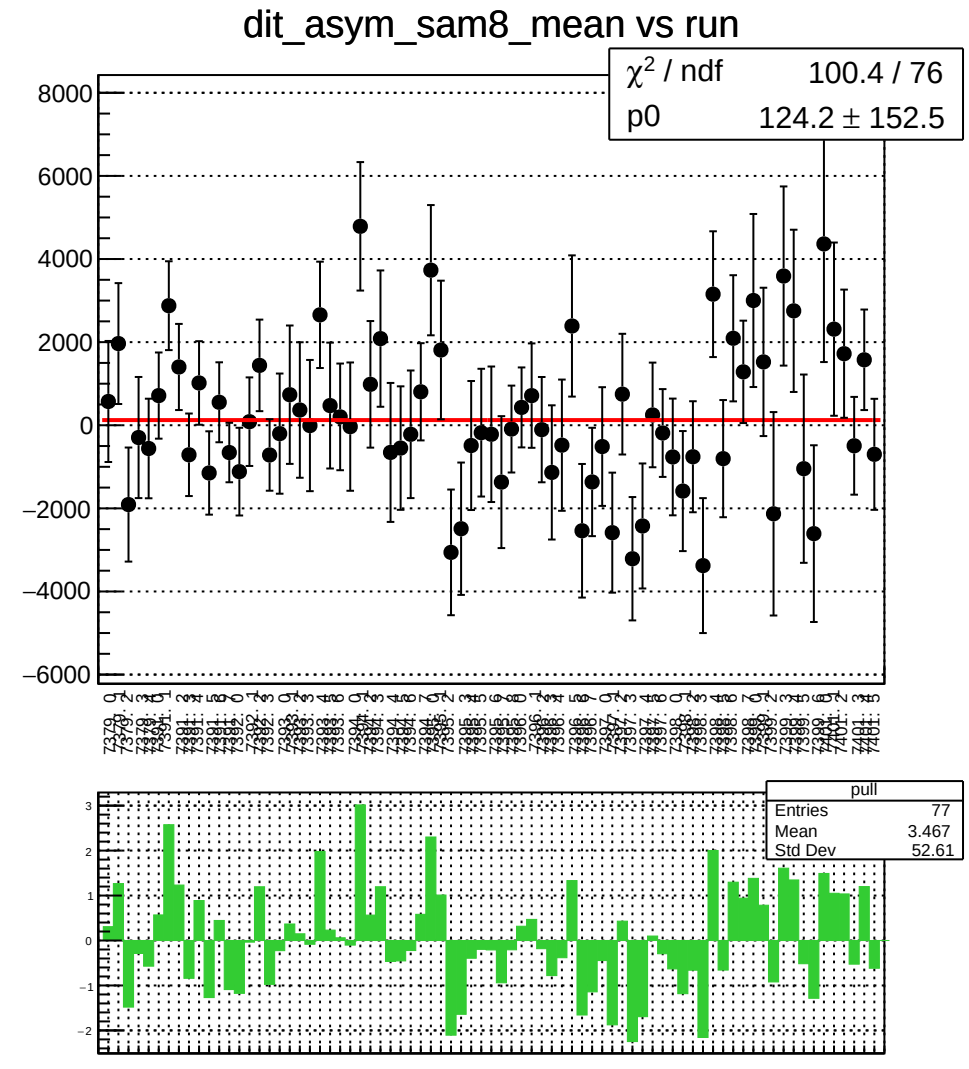

pull1D
Entries 77
Mean 0.007038
Std Dev 1.086
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

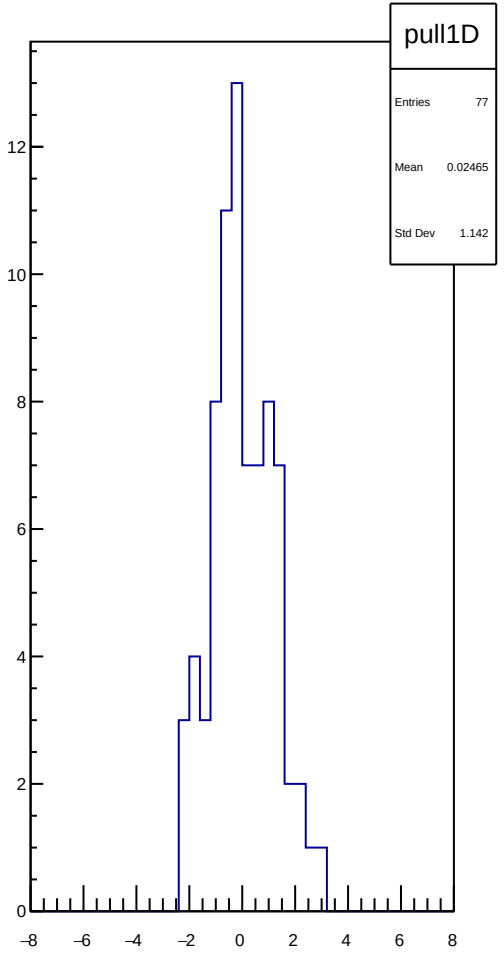

asym_sam7_correction_rms vs run
χ² / ndf 2739 / 76
p0 280.8 ± 0.2291
320
310
300
290
280
270
260

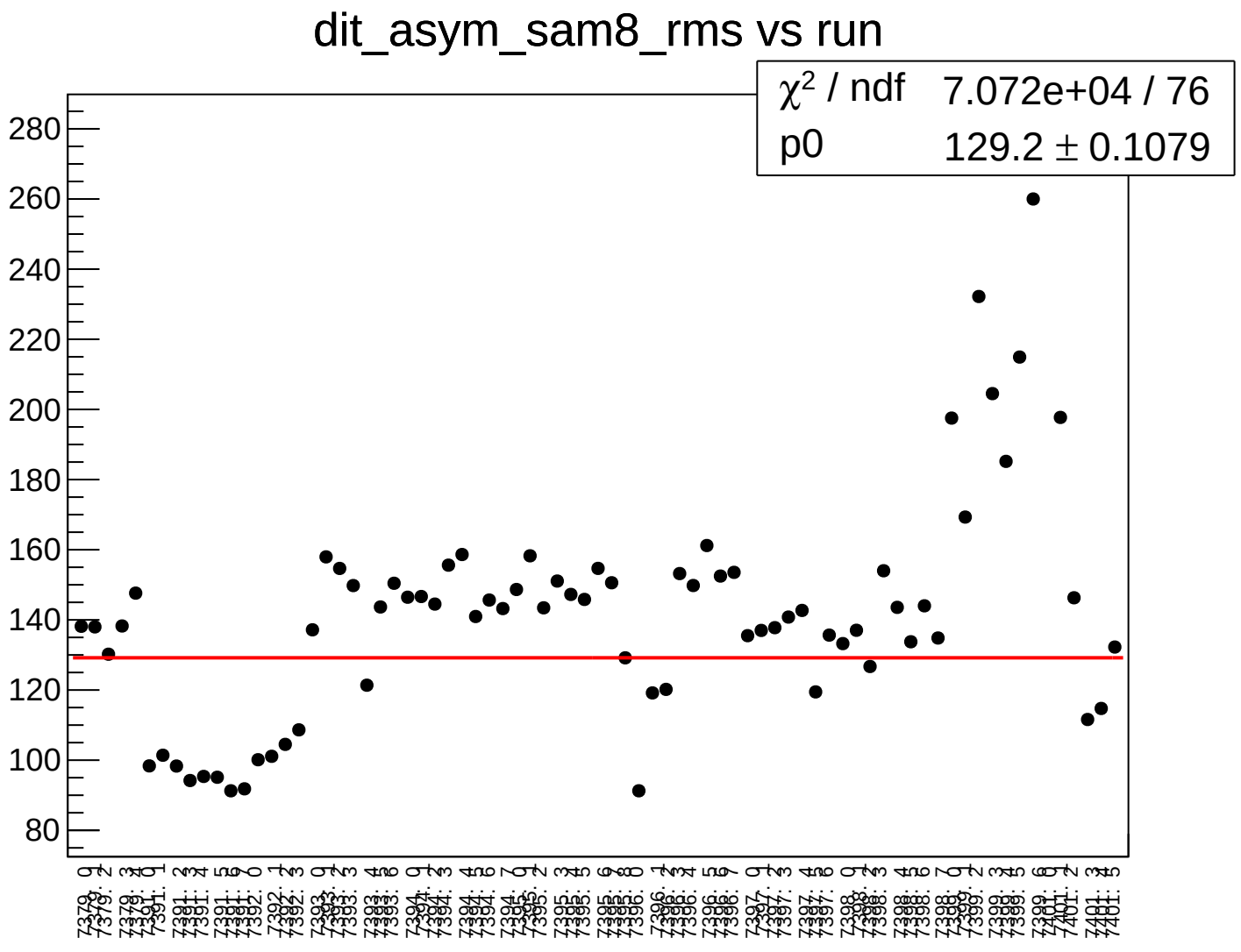

asym_sam7_mean vs run
χ² / ndf 77.03 / 76
p0 −94.57 ± 311
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −558.8
Std Dev 601.3
3
2
1
0
−1
−2

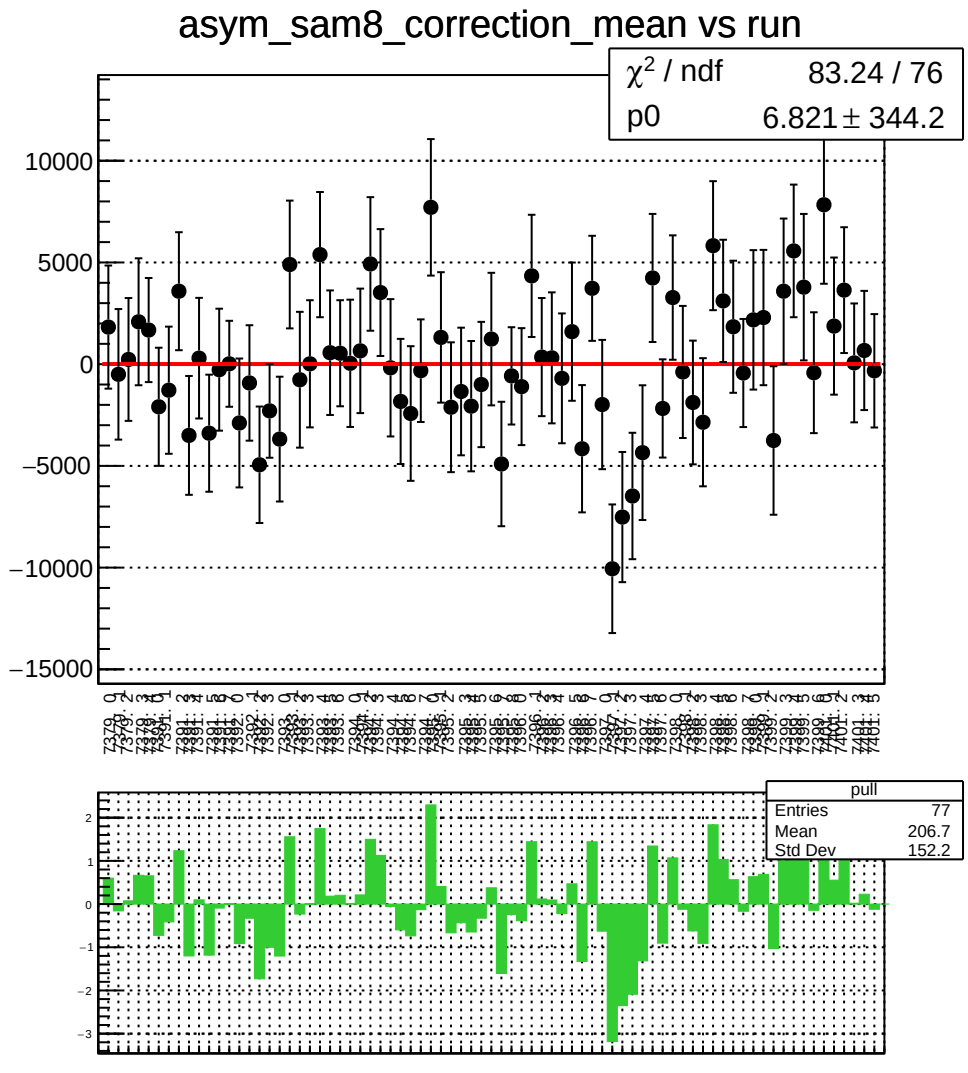

pull1D
Entries 77
Mean 0.008308
Std Dev 1
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

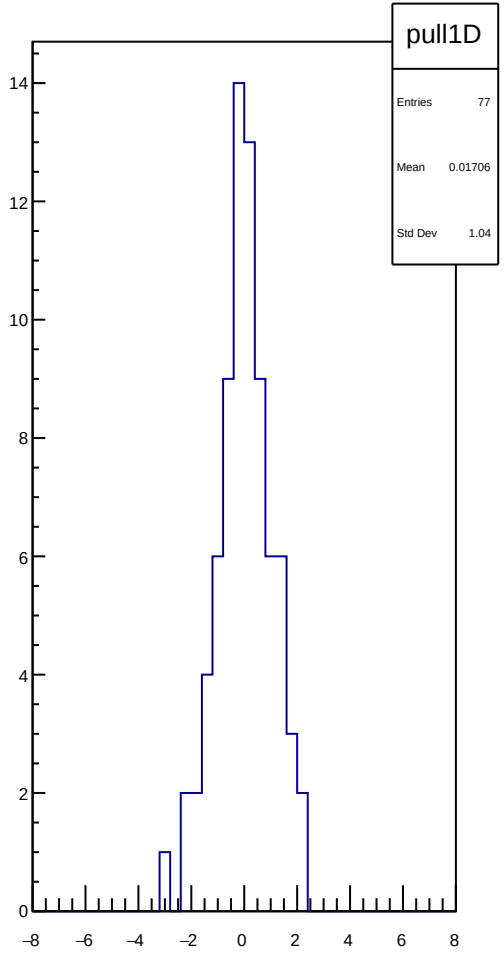

asym_sam7_rms vs run
χ^2 / ndf 4411 / 76
p0 269.4 ± 0.2199
310
300
290
280
270
260
250
240
230

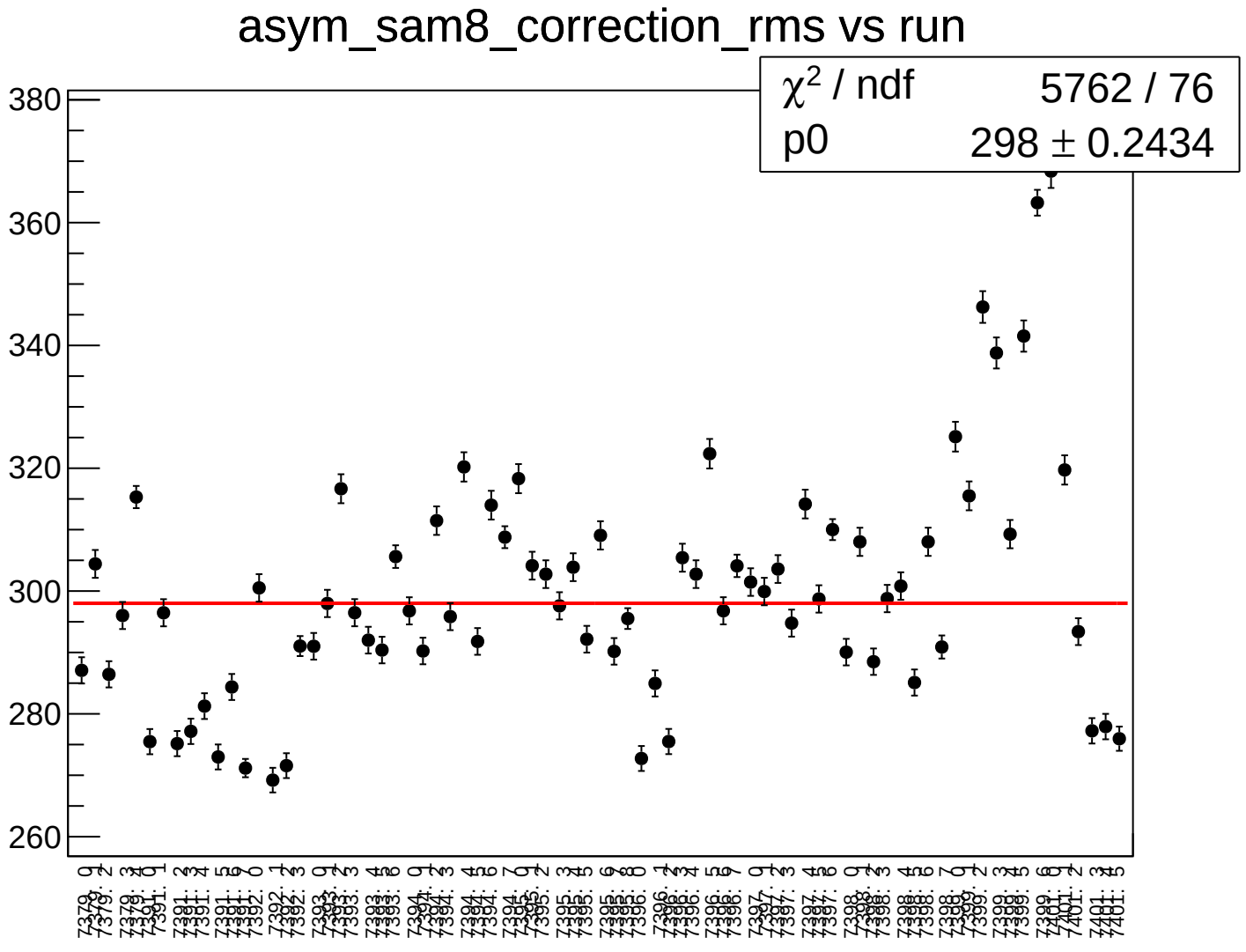

dit_asym_sam8_mean vs run
χ^2 / ndf 100.4 / 76
p0 124.2 ± 152.5
pull
Entries 77
Mean 3.467
Std Dev 52.61

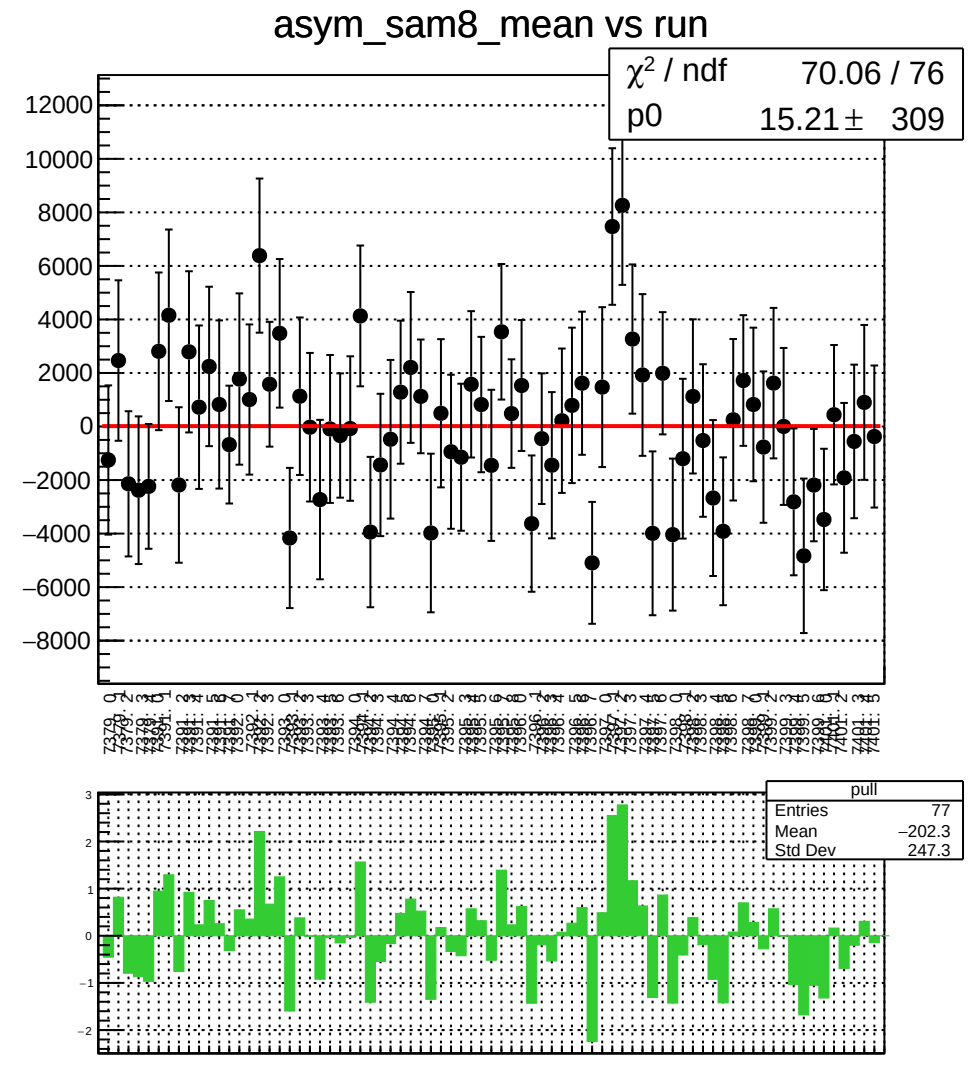

pull1D
Entries 77
Mean 0.02465
Std Dev 1.142

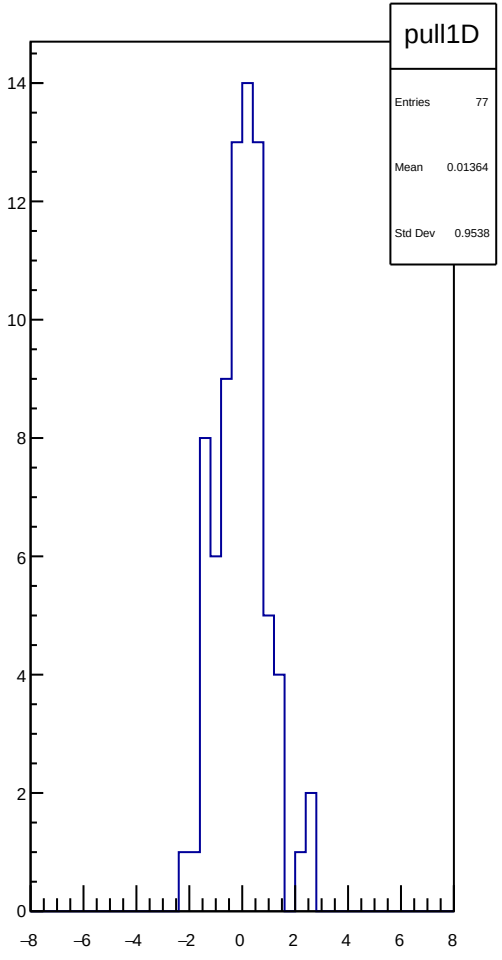

dit_asym_sam8_rms vs run
χ^2 / ndf 7.072e+04 / 76
p0 129.2 ± 0.1079
280
260
240
220
200
180
160
140
120
100
80

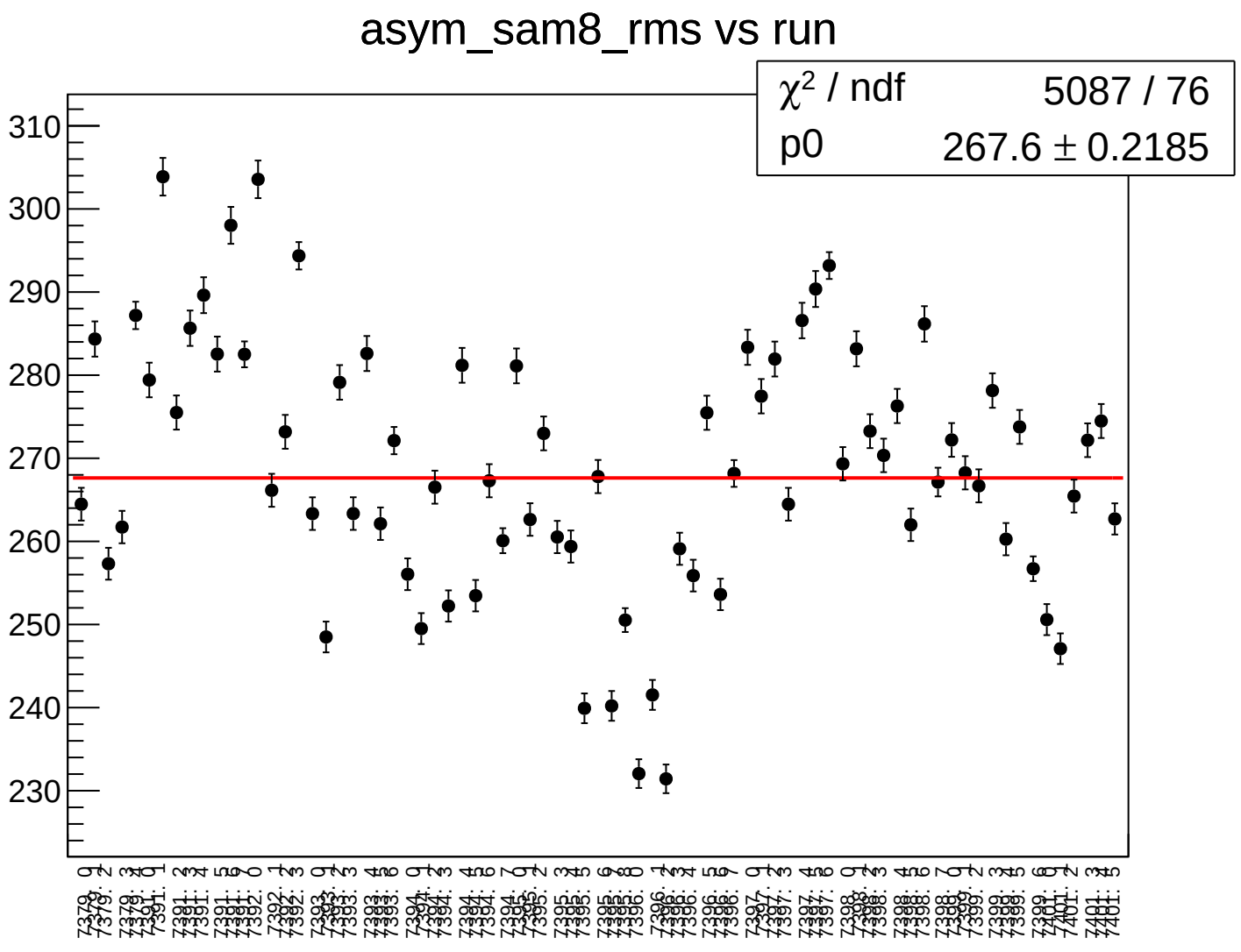

asym_sam8_correction_mean vs run
χ² / ndf 83.24 / 76
p0 6.821 ± 344.2
pull
Entries 77
Mean 206.7
Std Dev 152.2

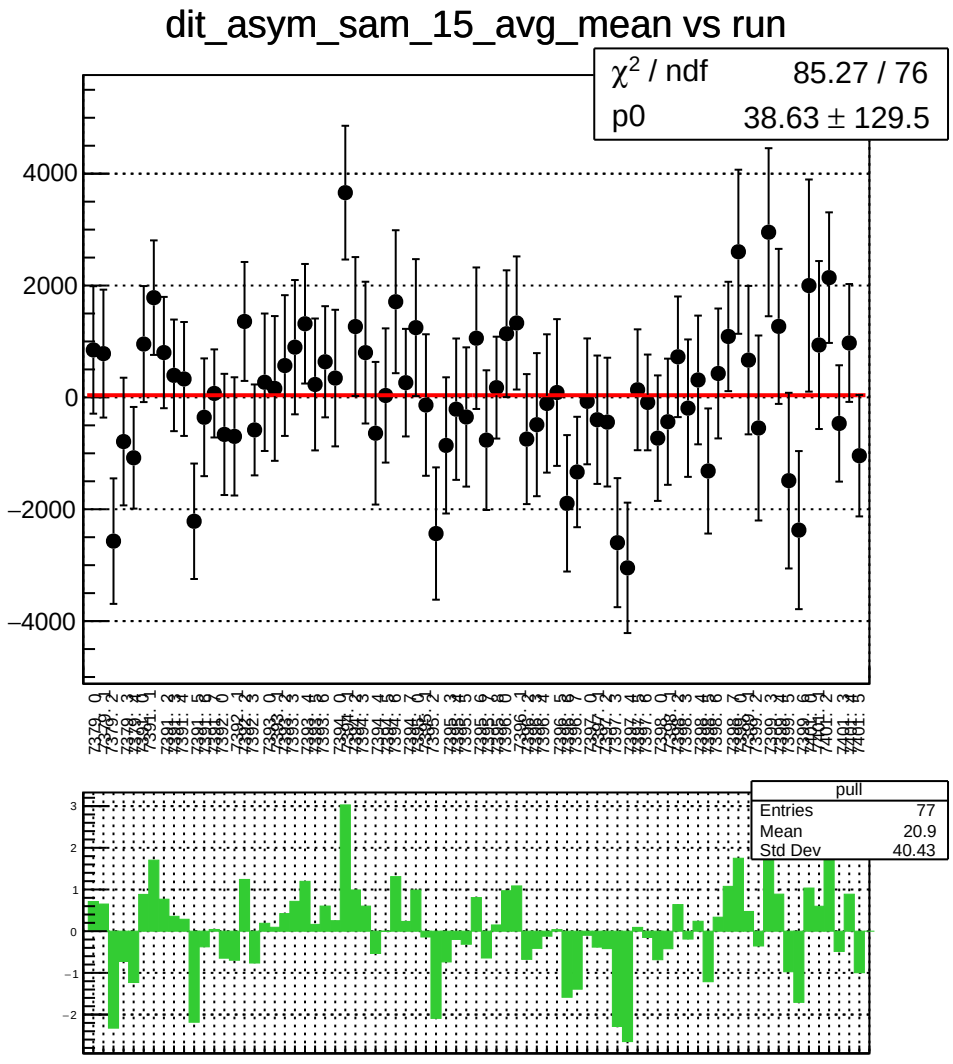

pull1D
Entries 77
Mean 0.01706
Std Dev 1.04

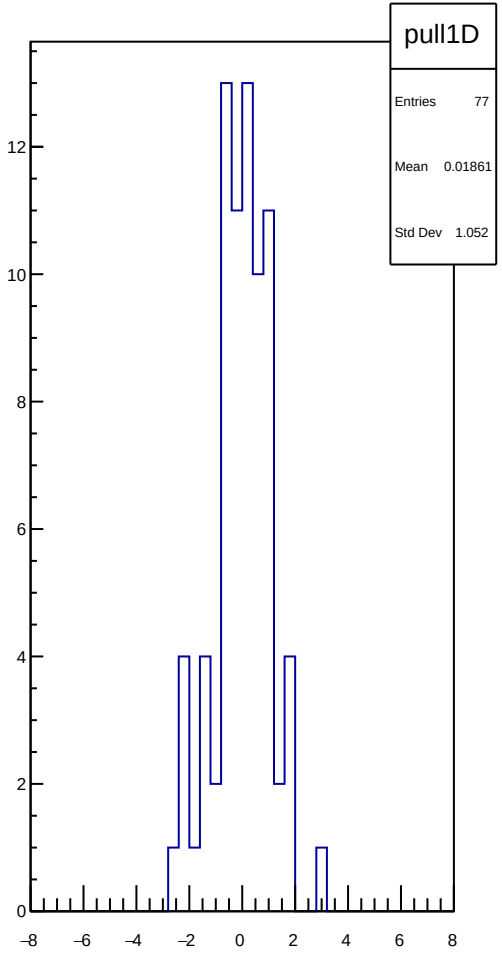

asym_sam8_correction_rms vs run
χ² / ndf 5762 / 76
p0 298 ± 0.2434
380
360
340
320
300
280
260

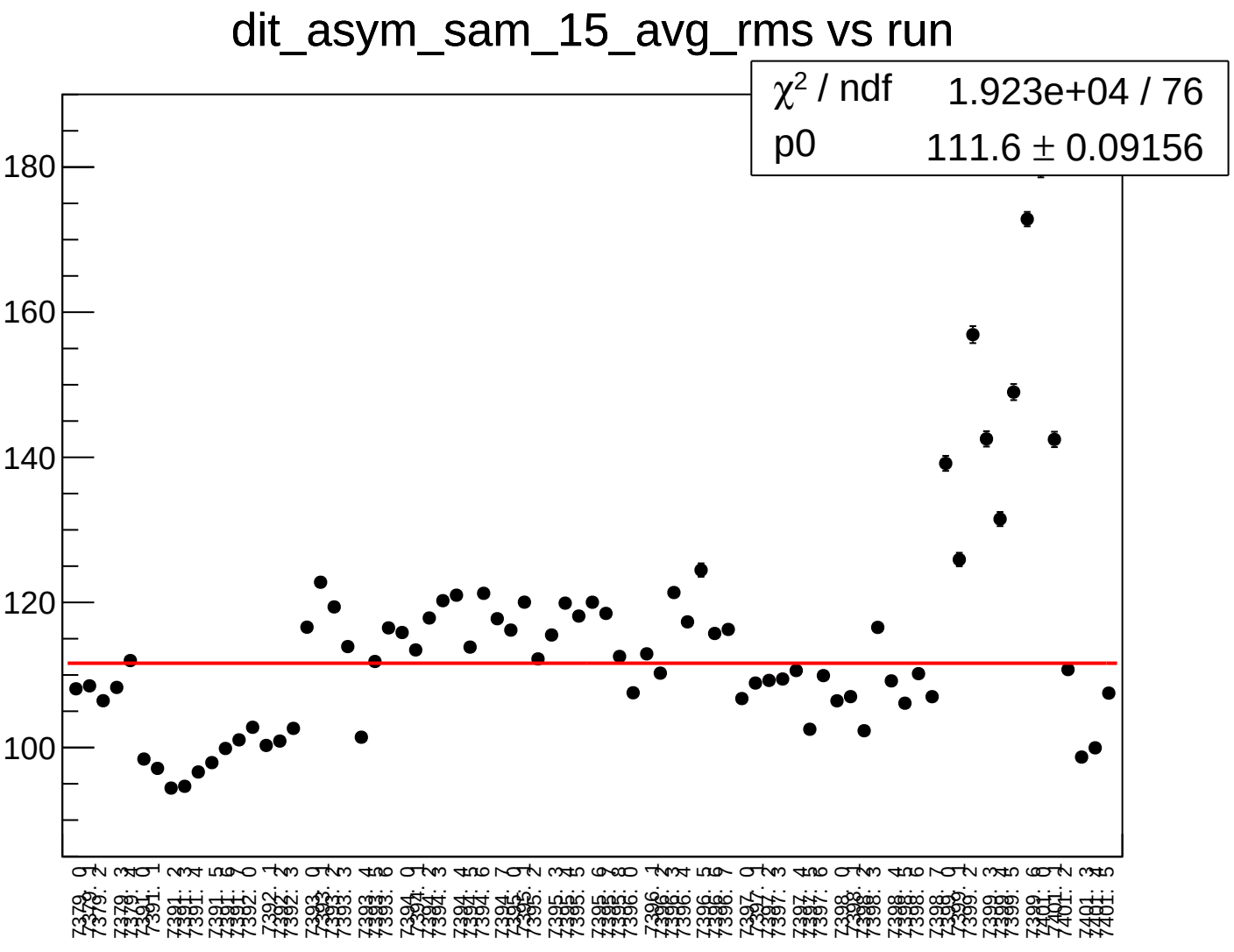

asym_sam8_mean vs run
χ² / ndf 70.06 / 76
p0 15.21 ± 309
pull
Entries 77
Mean −202.3
Std Dev 247.3

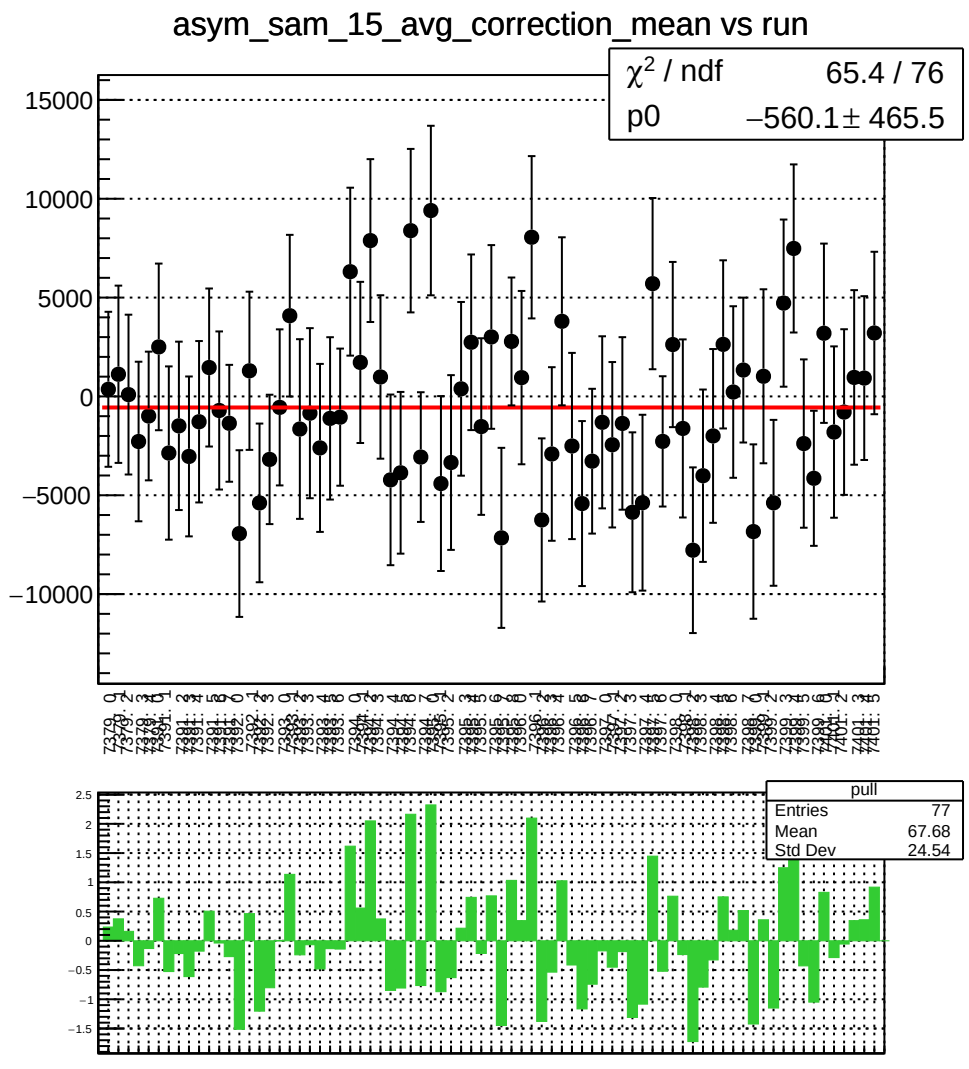

pull1D
Entries 77
Mean 0.01364
Std Dev 0.9538

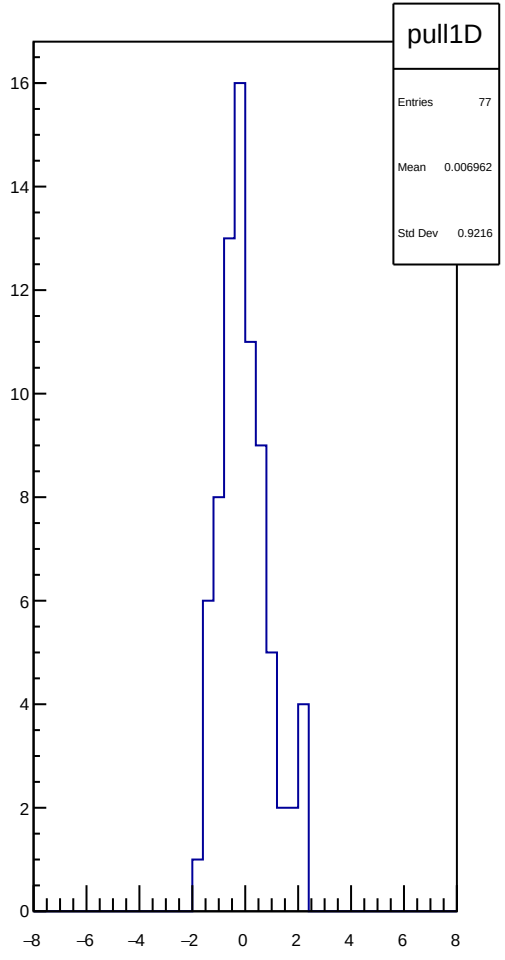

asym_sam8_rms vs run
χ² / ndf 5087 / 76
p0 267.6 ± 0.2185
310
300
290
280
270
260
250
240
230

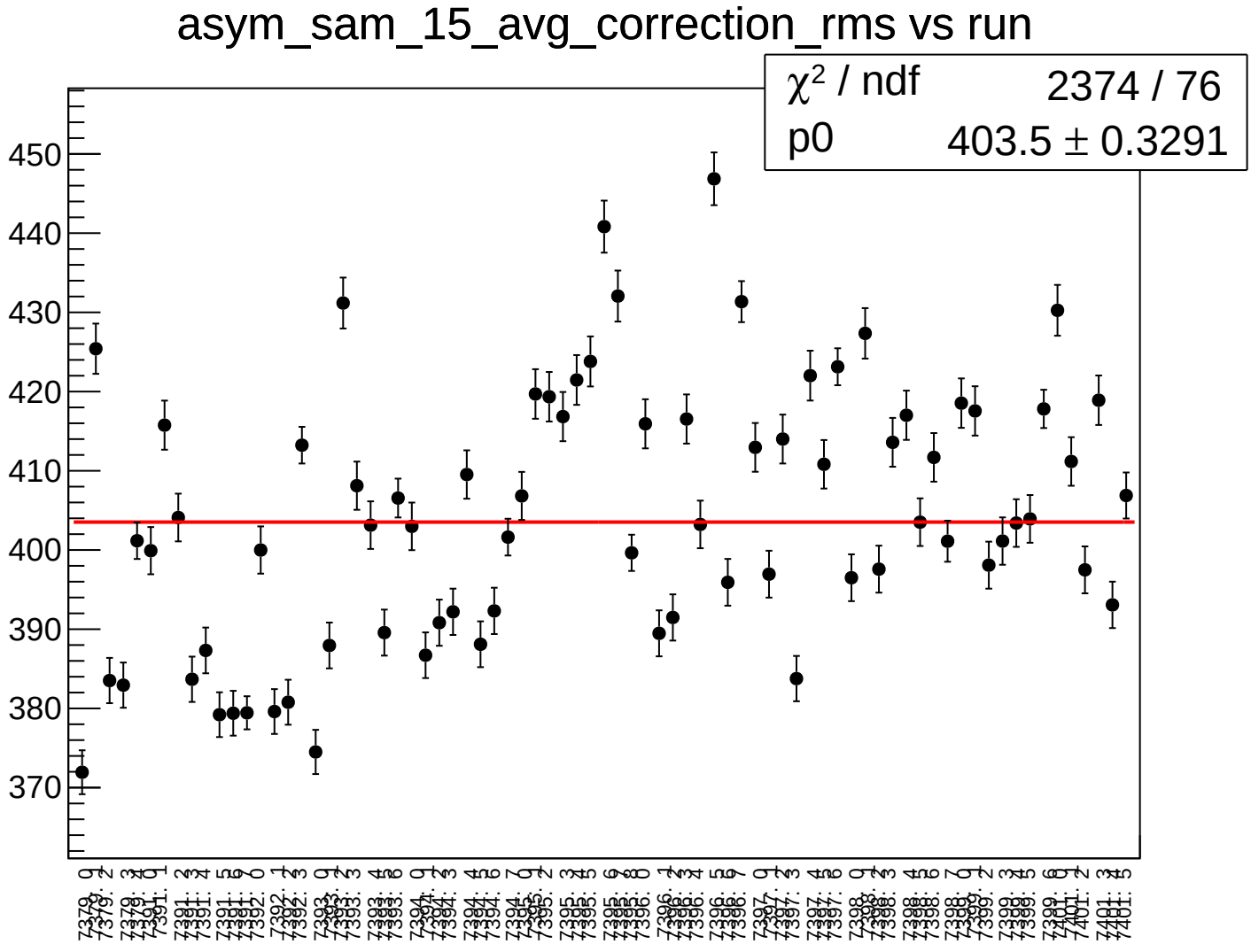

dit_asym_sam_15_avg_mean vs run
χ² / ndf 85.27 / 76
p0 38.63 ± 129.5
4000
2000
0
−2000
−4000
pull
Entries 77
Mean 20.9
Std Dev 40.43
3
2
1
0
−1
−2

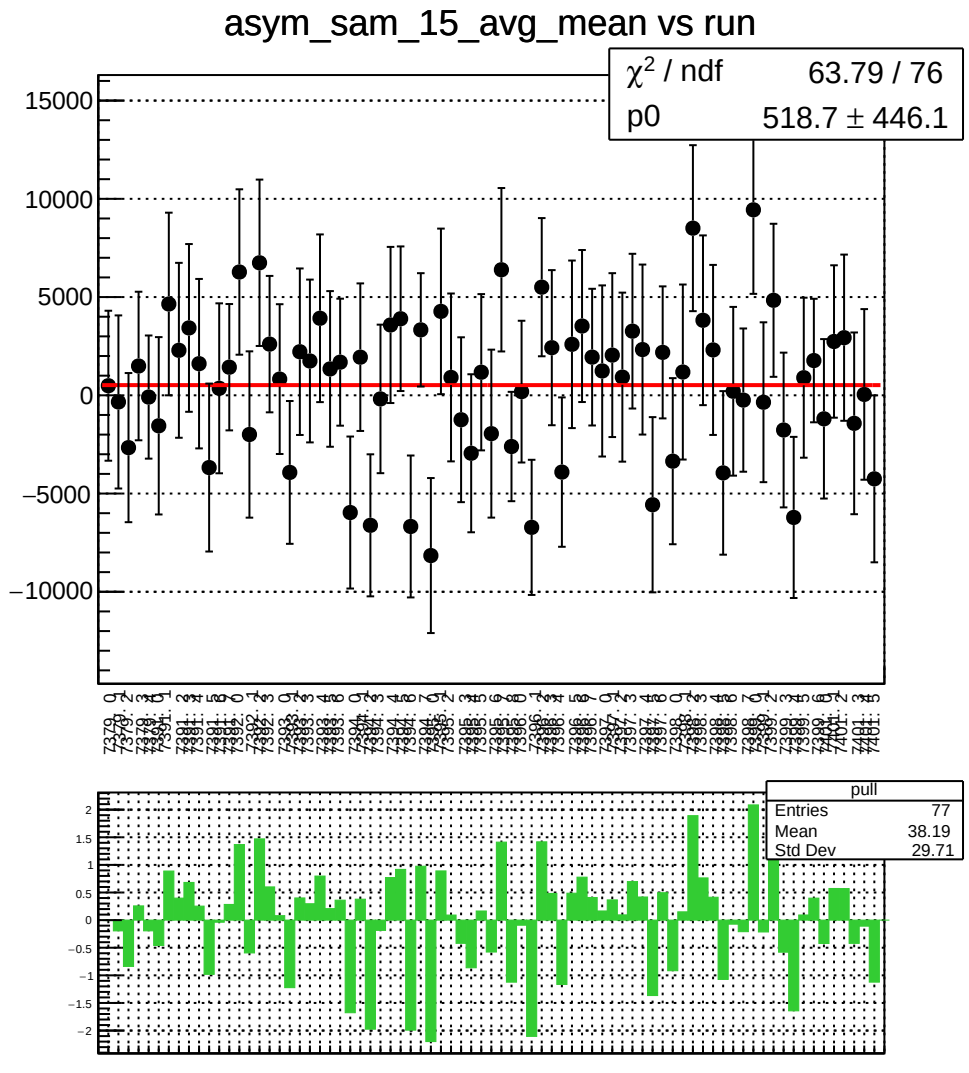

pull1D
Entries 77
Mean 0.01861
Std Dev 1.052
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

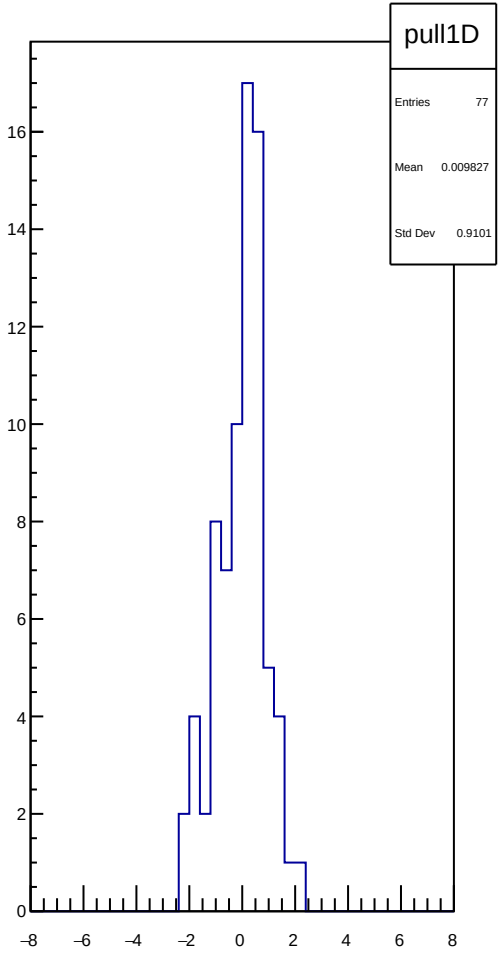

dit_asym_sam_15_avg_rms vs run
χ^2 / ndf 1.923e+04 / 76
p0 111.6 ± 0.09156
180
160
140
120
100

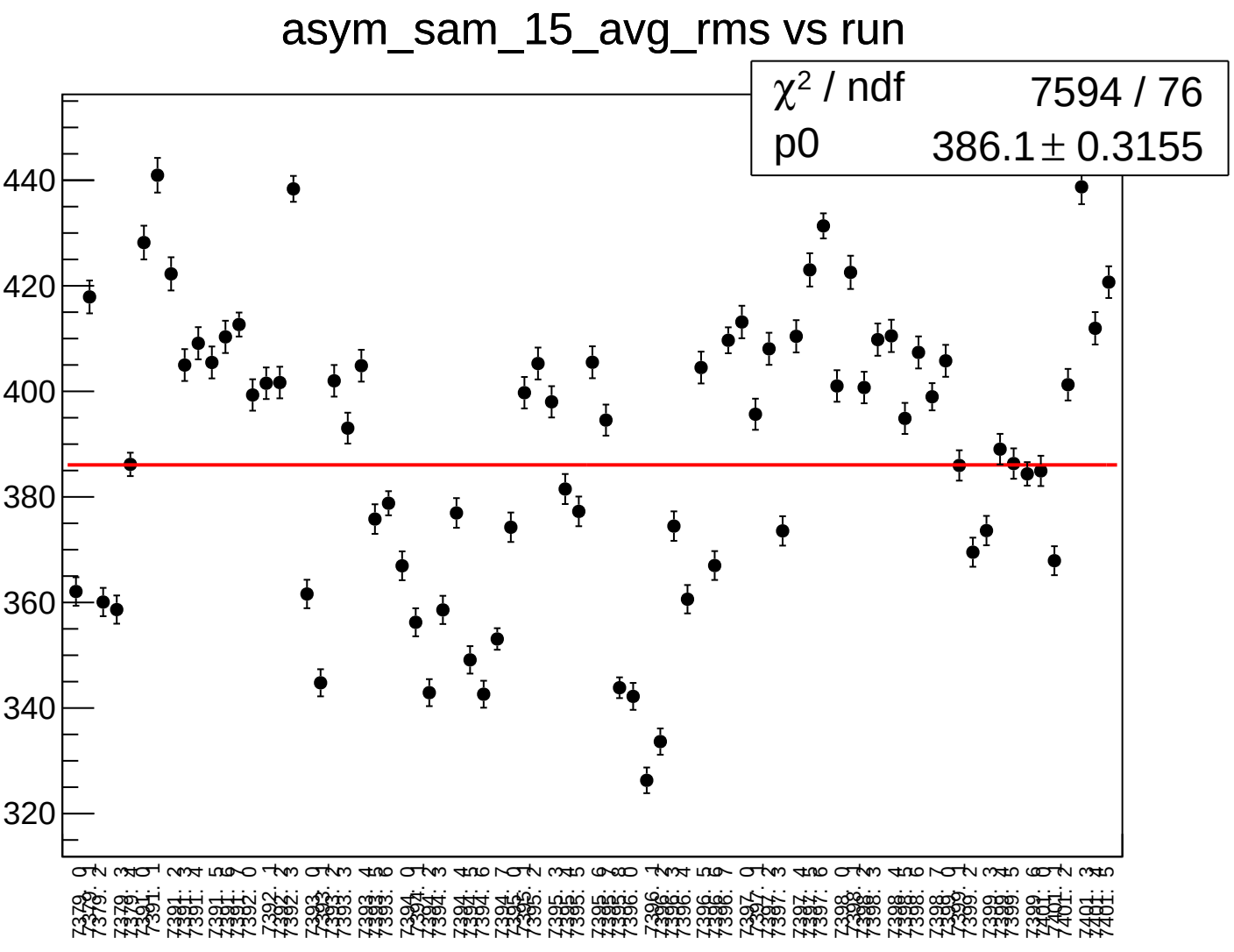

asym_sam_15_avg_correction_mean vs run
χ² / ndf 65.4 / 76
p0 −560.1 ± 465.5
15000
10000
5000
0
−5000
−10000
pull
Entries 77
Mean 67.68
Std Dev 24.54
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5

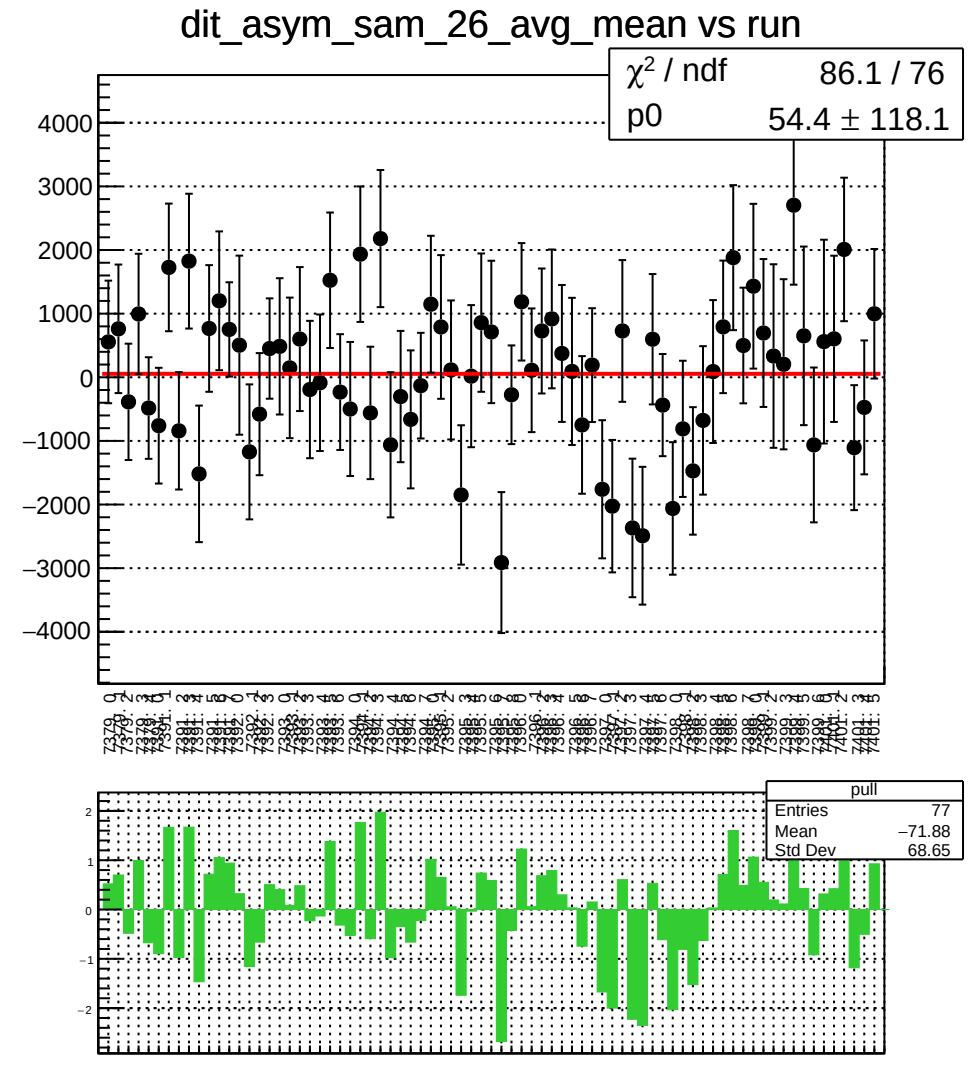

pull1D
Entries 77
Mean 0.006962
Std Dev 0.9216
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

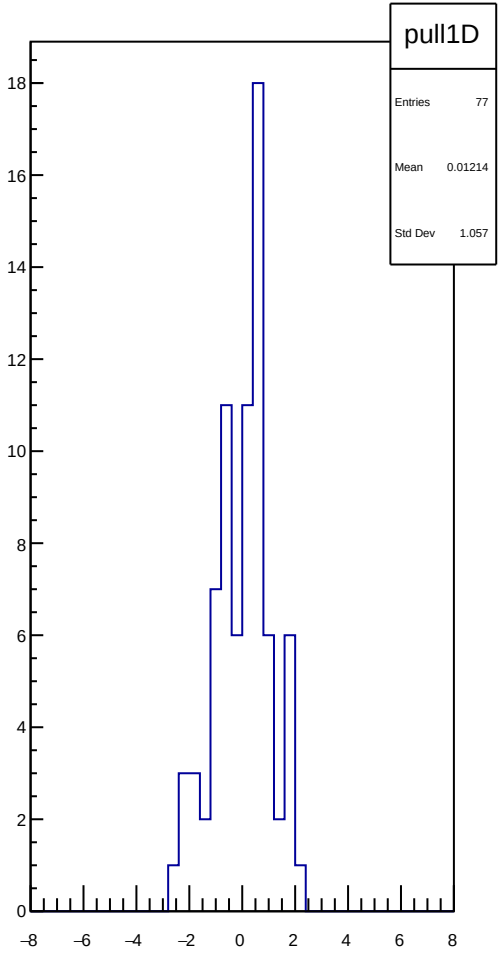

asym_sam_15_avg_correction_rms vs run
χ² / ndf 2374 / 76
p0 403.5 ± 0.3291
450
440
430
420
410
400
390
380
370

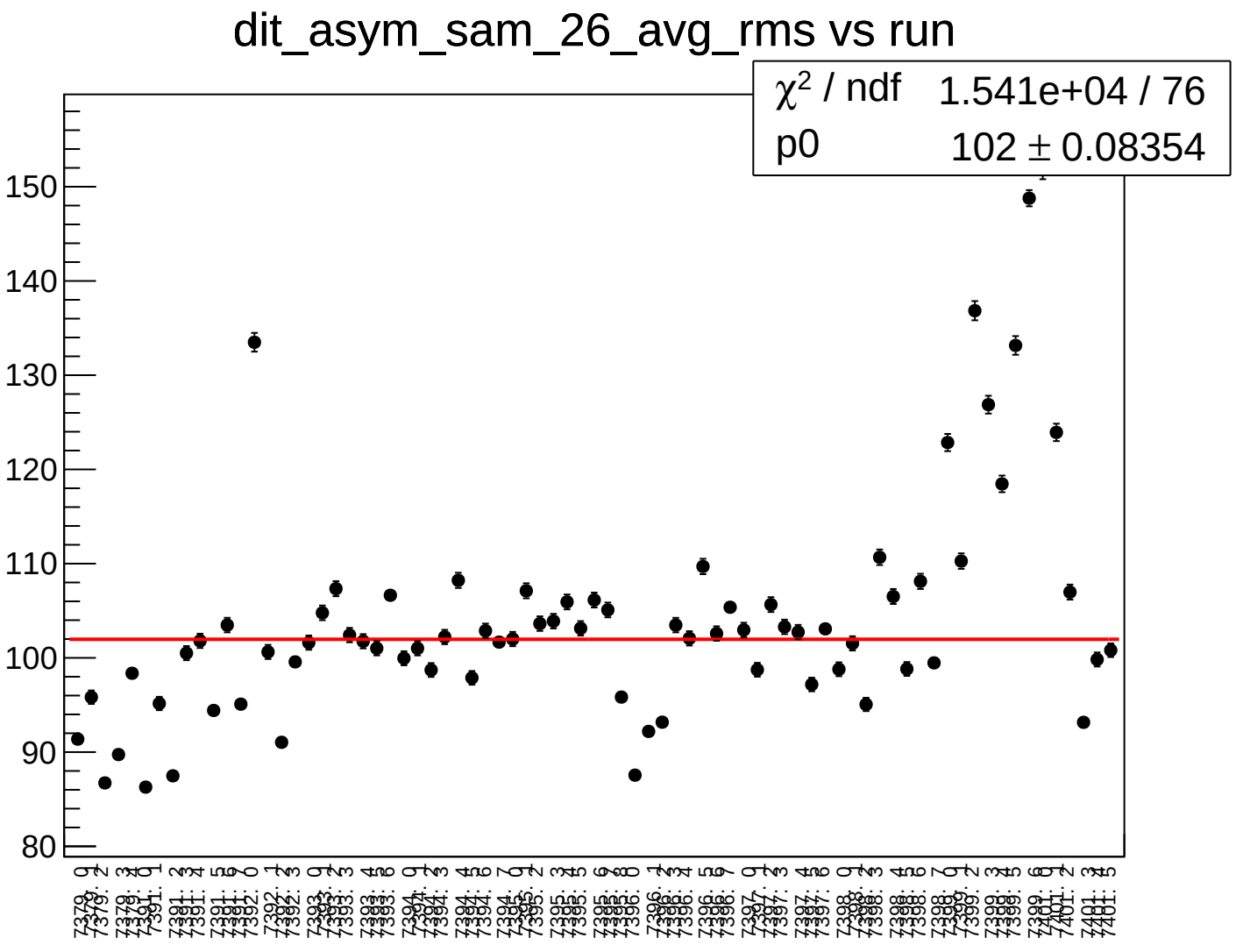

asym_sam_15_avg_mean vs run
χ² / ndf 63.79 / 76
p0 518.7 ± 446.1
15000
10000
5000
0
−5000
−10000
pull
Entries 77
Mean 38.19
Std Dev 29.71
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

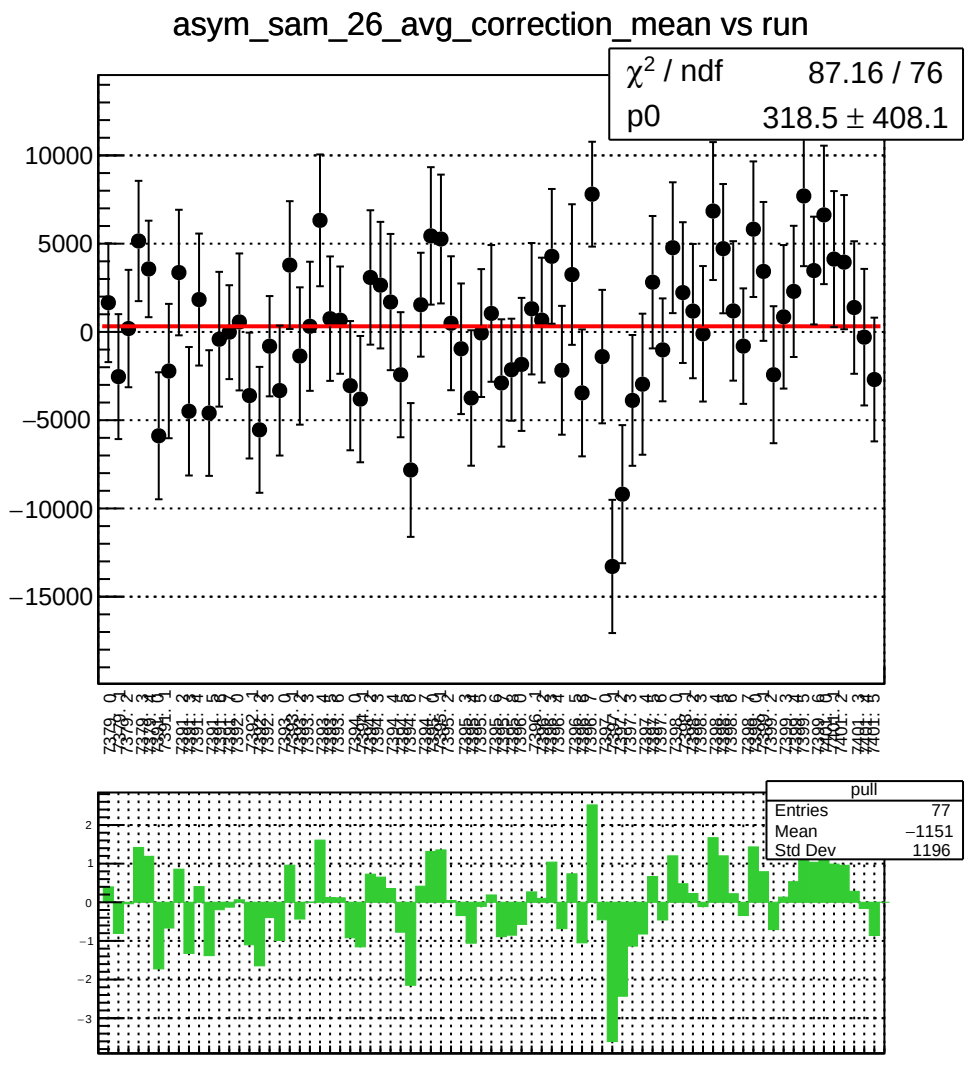

pull1D
Entries 77
Mean 0.009827
Std Dev 0.9101
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

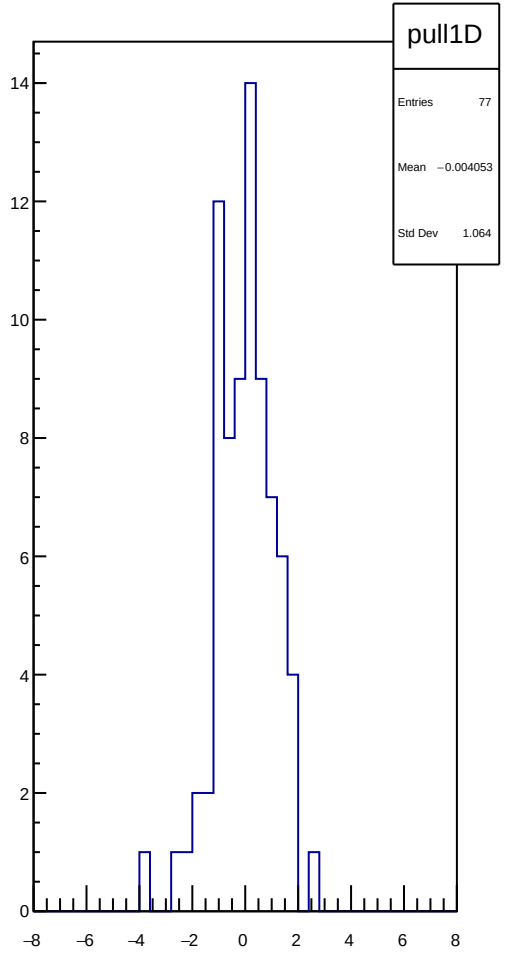

asym_sam_15_avg_rms vs run
χ² / ndf 7594 / 76
p0 386.1 ± 0.3155
440
420
400
380
360
340
320

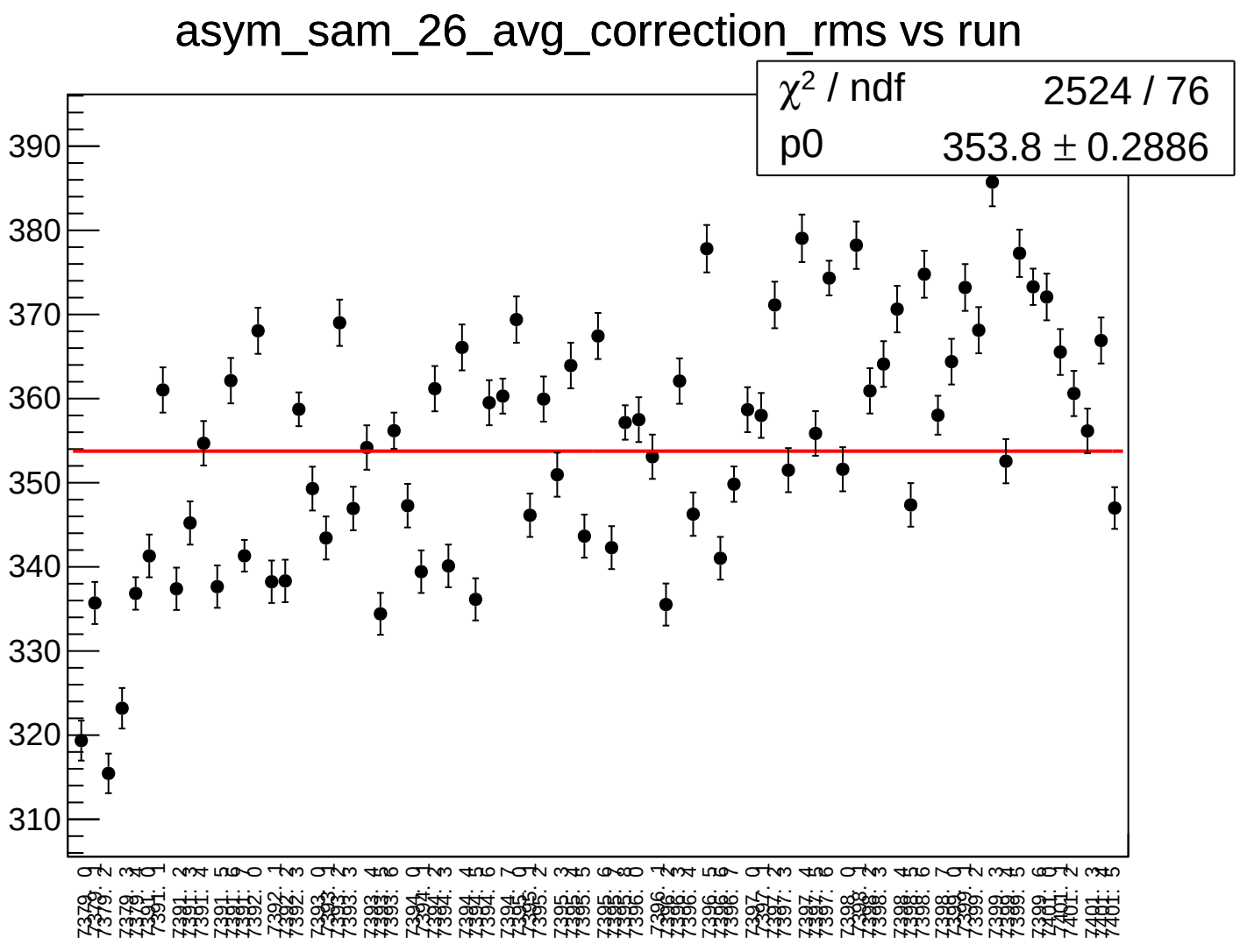

dit_asym_sam_26_avg_mean vs run
χ² / ndf 86.1 / 76
p0 54.4 ± 118.1
pull
Entries 77
Mean −71.88
Std Dev 68.65

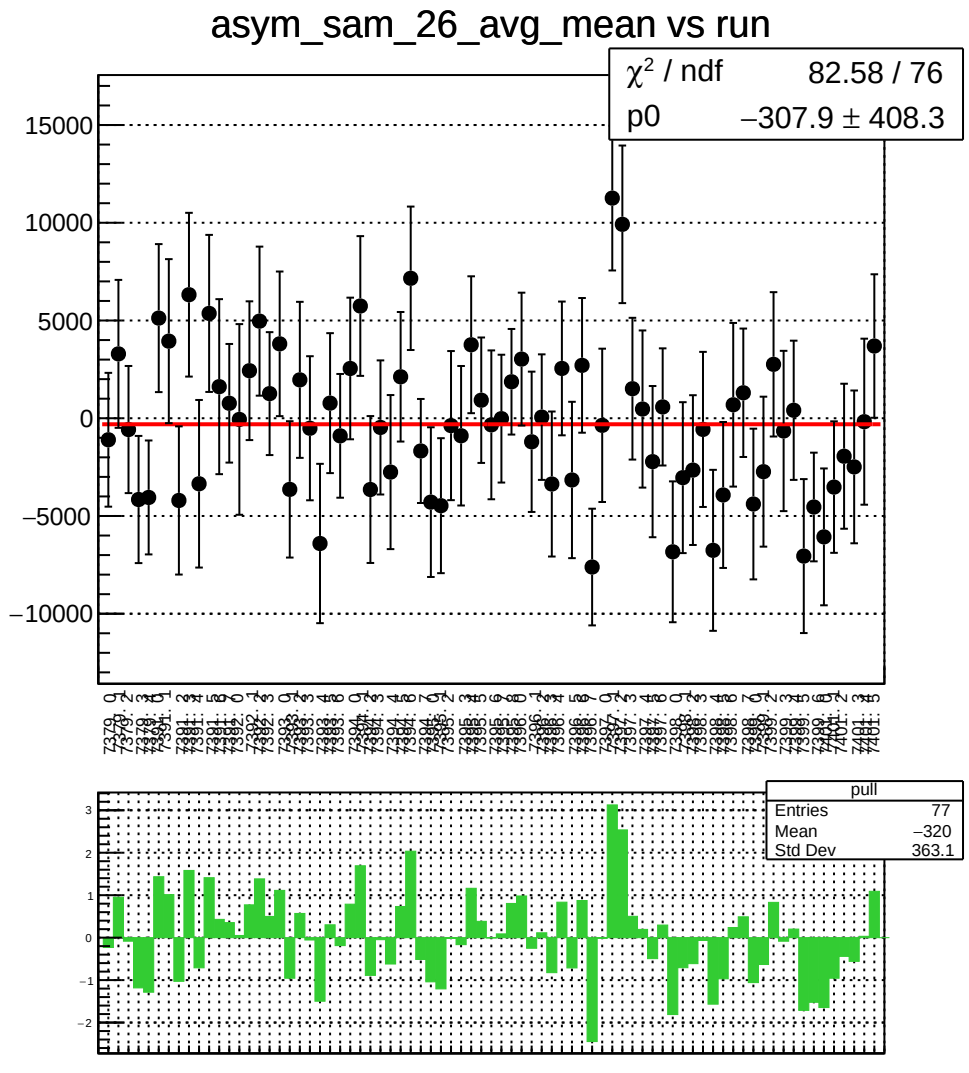

pull1D
Entries 77
Mean 0.01214
Std Dev 1.057

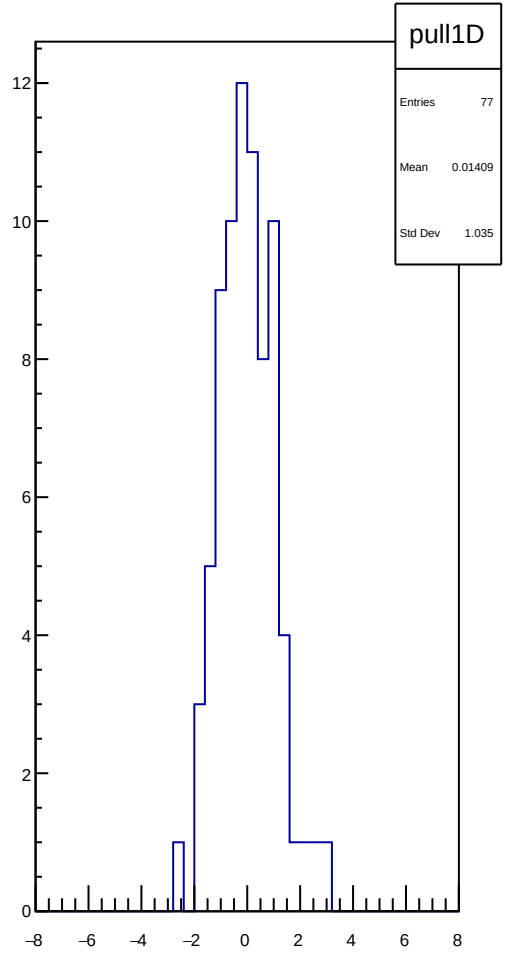

dit_asym_sam_26_avg_rms vs run
χ^2 / ndf 1.541e+04 / 76
p0 102 ± 0.08354
150
140
130
120
110
100
90
80

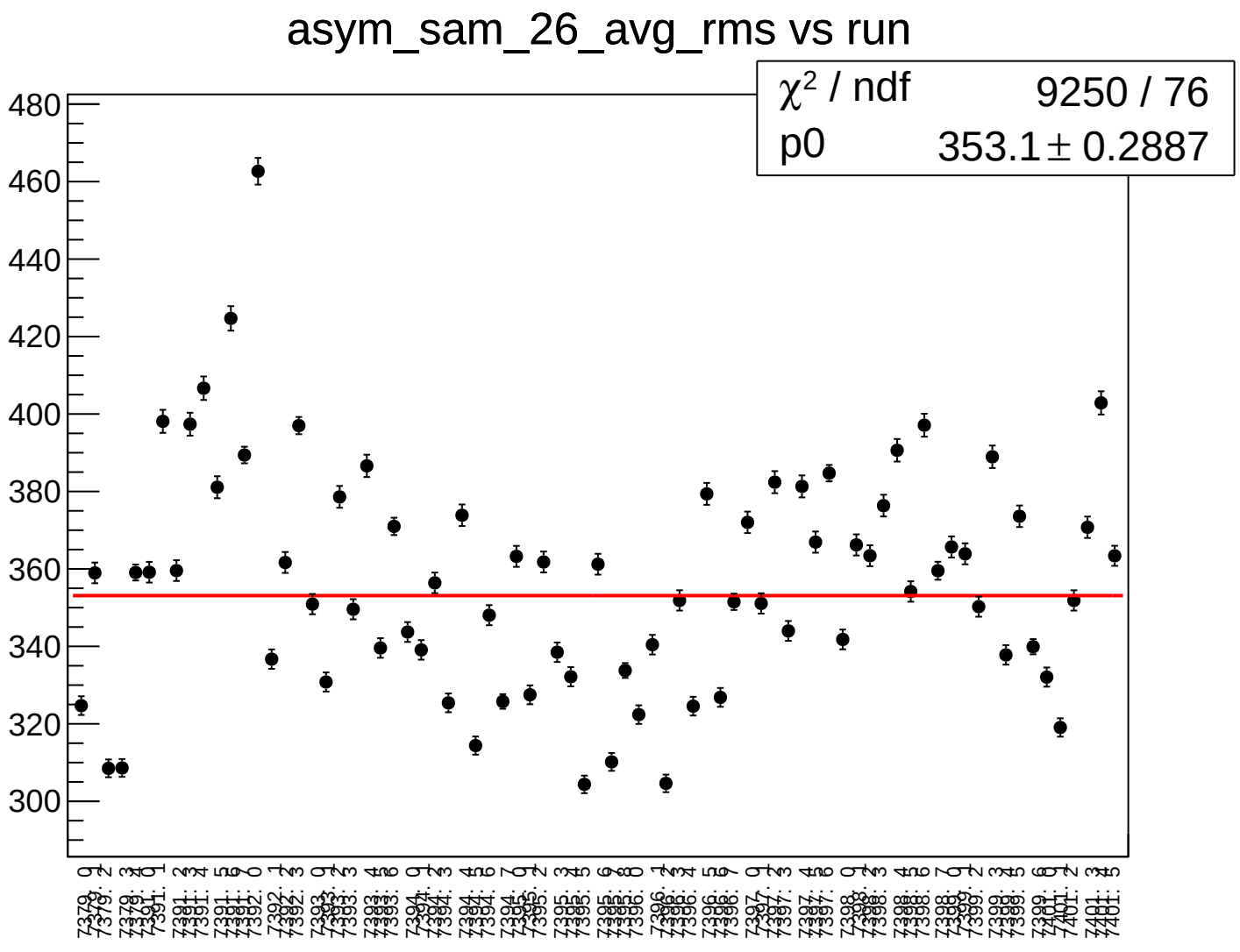

asym_sam_26_avg_correction_mean vs run
χ² / ndf 87.16 / 76
p0 318.5 ± 408.1
10000
5000
0
−5000
−10000
−15000
pull
Entries 77
Mean −1151
Std Dev 1196
2
1
0
−1
−2
−3

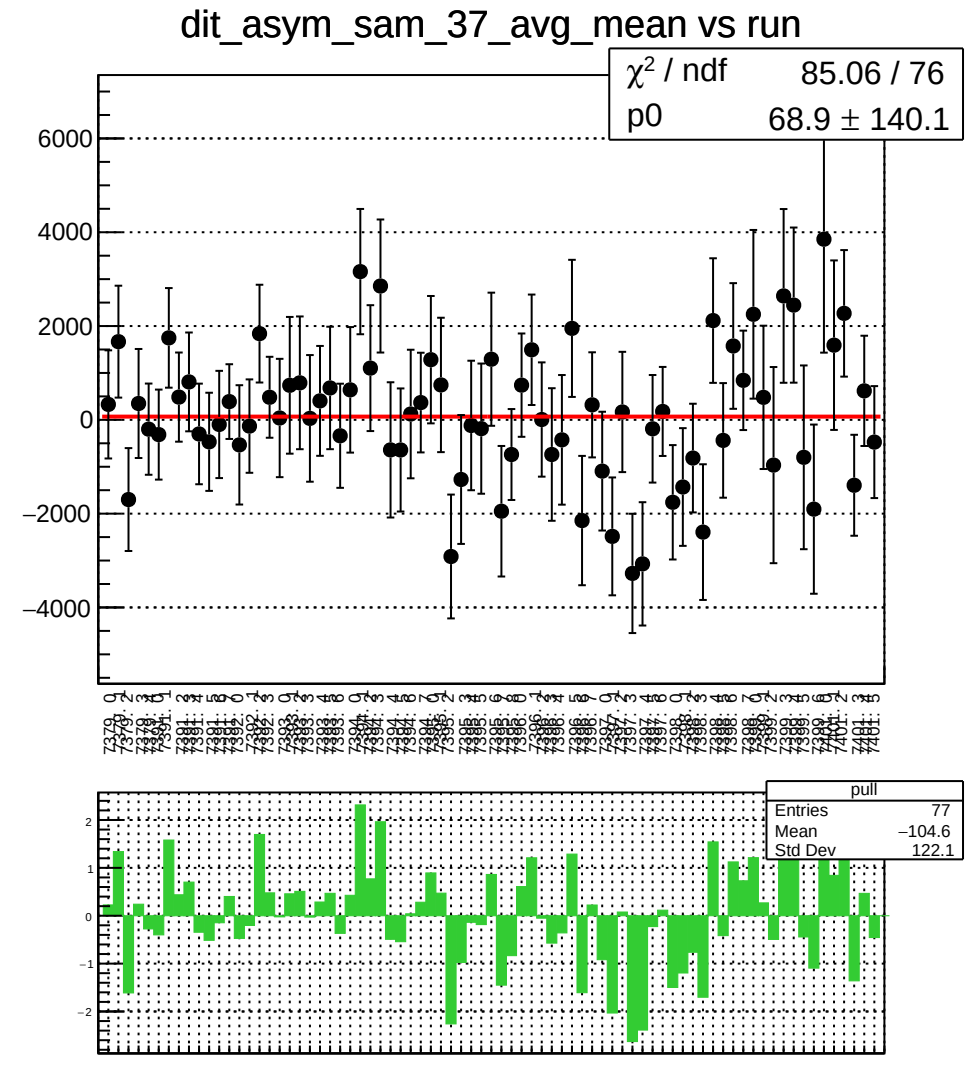

pull1D
Entries 77
Mean −0.004053
Std Dev 1.064
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

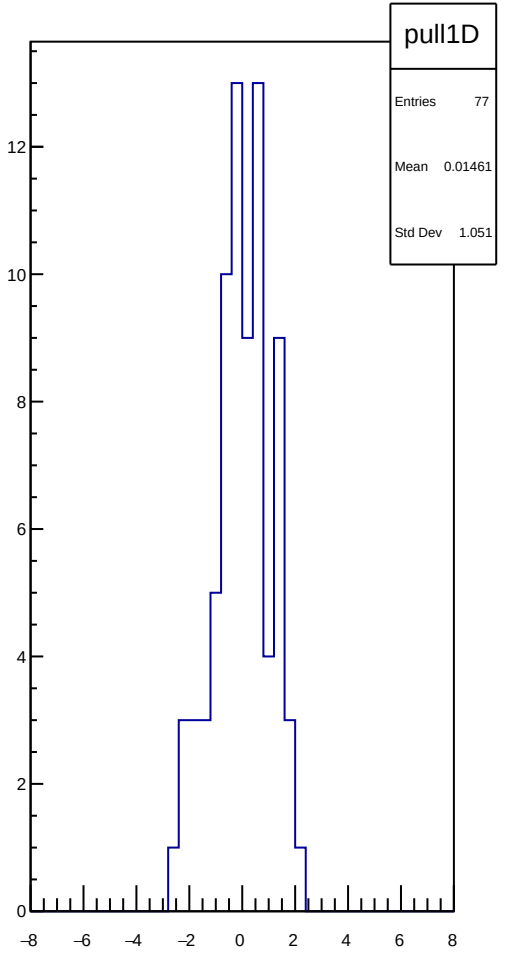

asym_sam_26_avg_correction_rms vs run
χ² / ndf 2524 / 76
p0 353.8 ± 0.2886
390
380
370
360
350
340
330
320
310

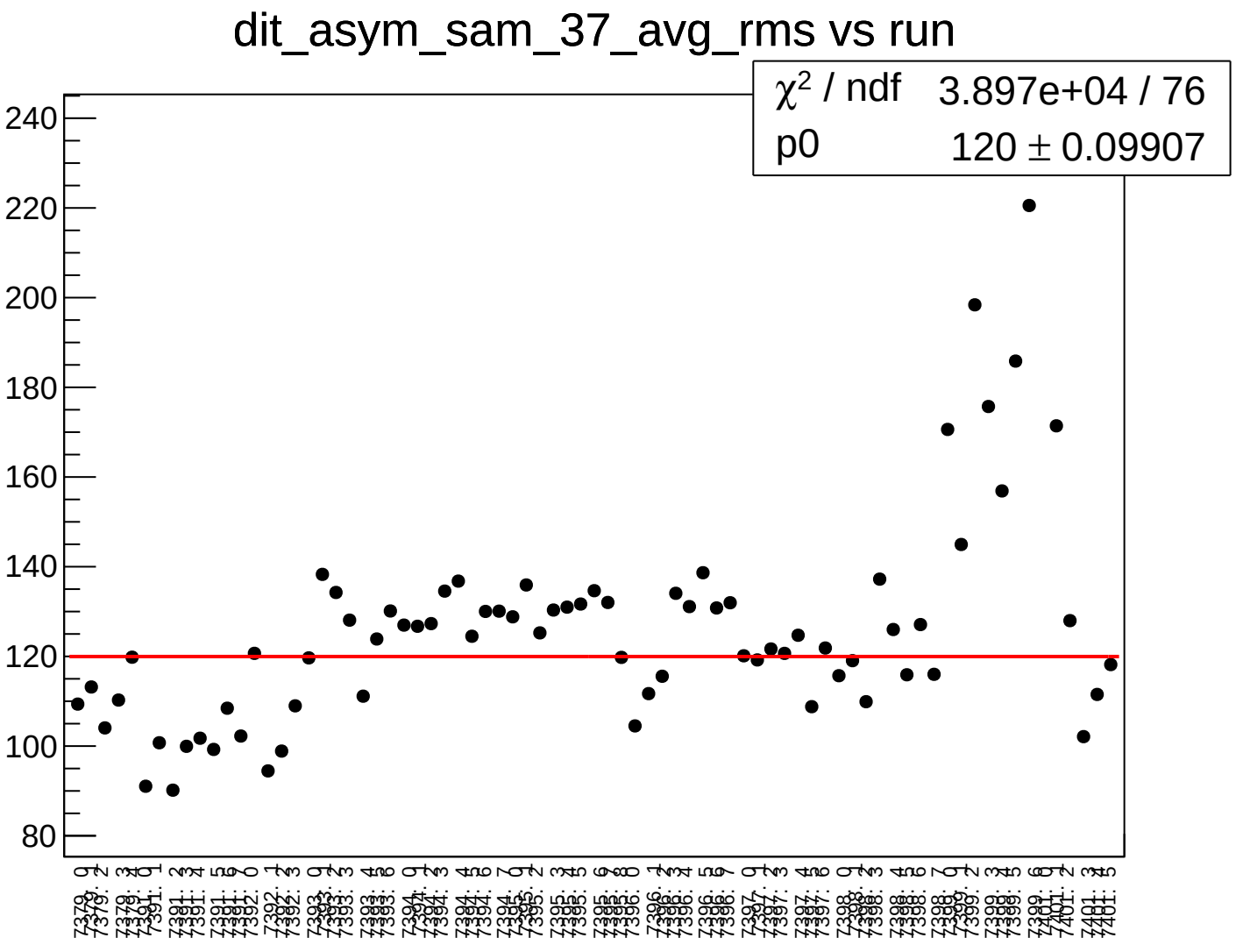

asym_sam_26_avg_mean vs run
χ² / ndf 82.58 / 76
p0 −307.9 ± 408.3
15000
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −320
Std Dev 363.1
3
2
1
0
−1
−2

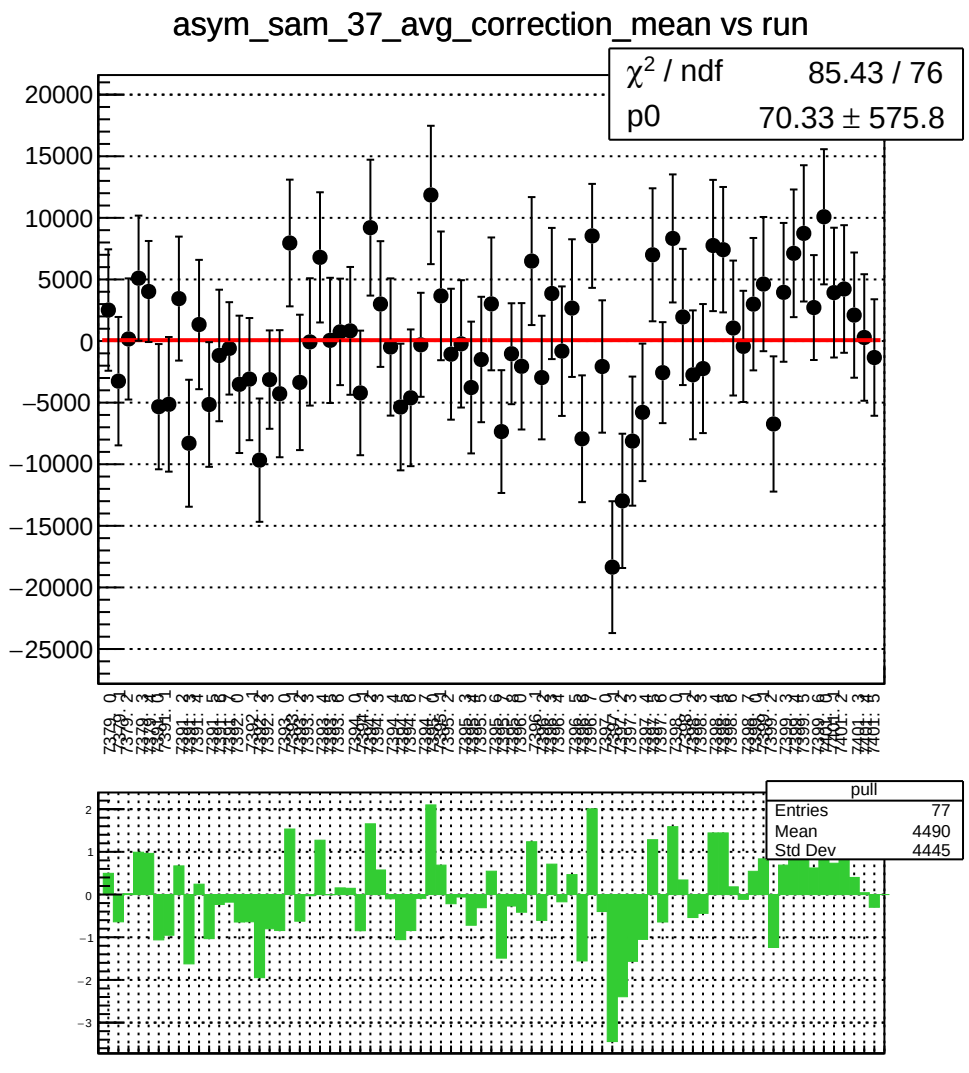

pull1D
Entries 77
Mean 0.01409
Std Dev 1.035
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

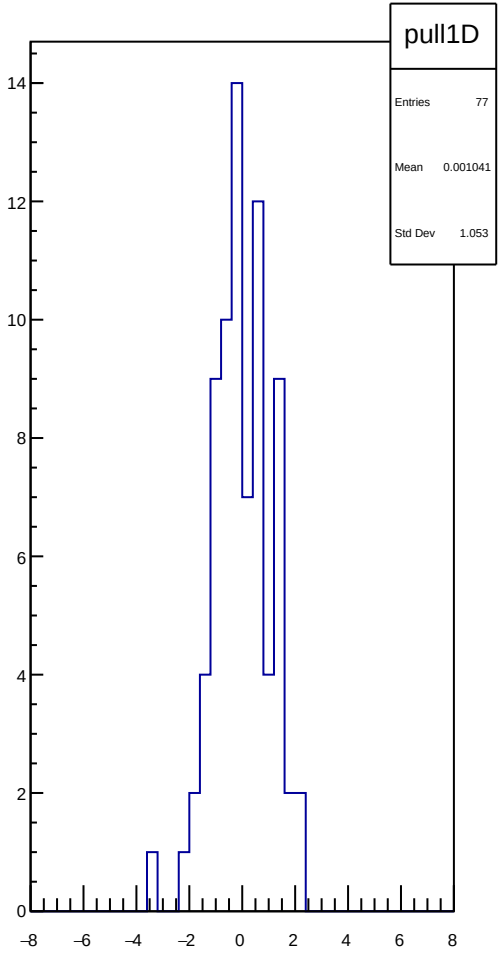

asym_sam_26_avg_rms vs run
χ² / ndf 9250 / 76
p0 353.1 ± 0.2887
480
460
440
420
400
380
360
340
320
300

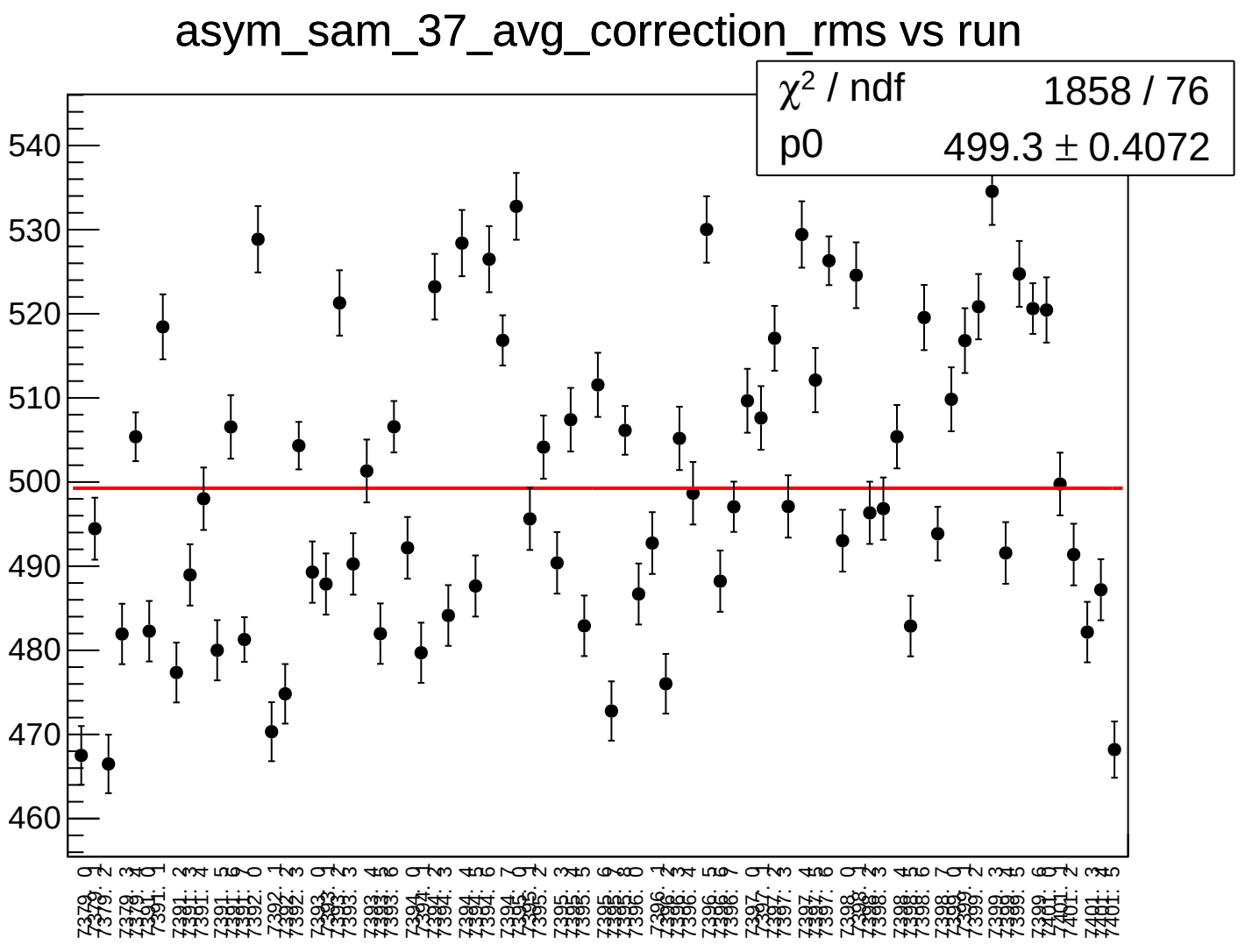

dit_asym_sam_37_avg_mean vs run
χ² / ndf 85.06 / 76
p0 68.9 ± 140.1
pull
Entries 77
Mean −104.6
Std Dev 122.1

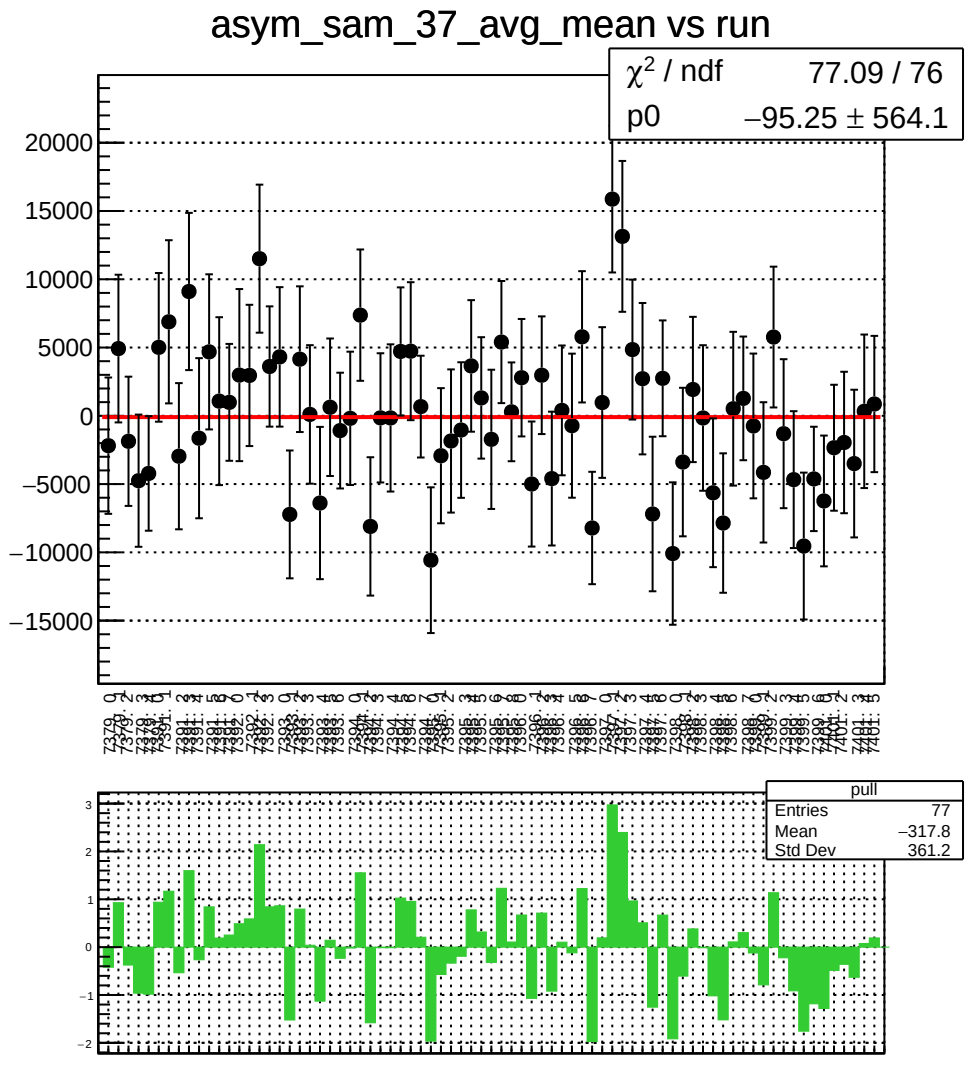

pull1D
Entries 77
Mean 0.01461
Std Dev 1.051

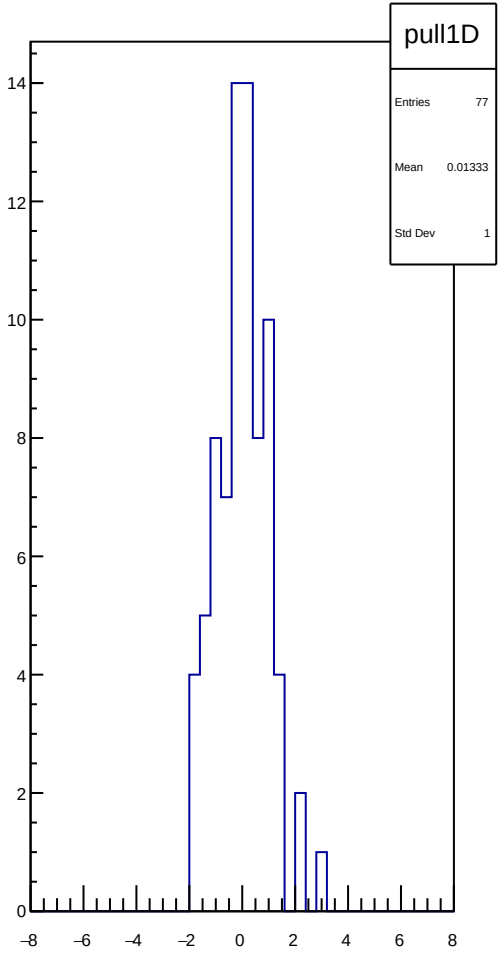

dit_asym_sam_37_avg_rms vs run
χ² / ndf 3.897e+04 / 76
p0 120 ± 0.09907
240
220
200
180
160
140
120
100
80

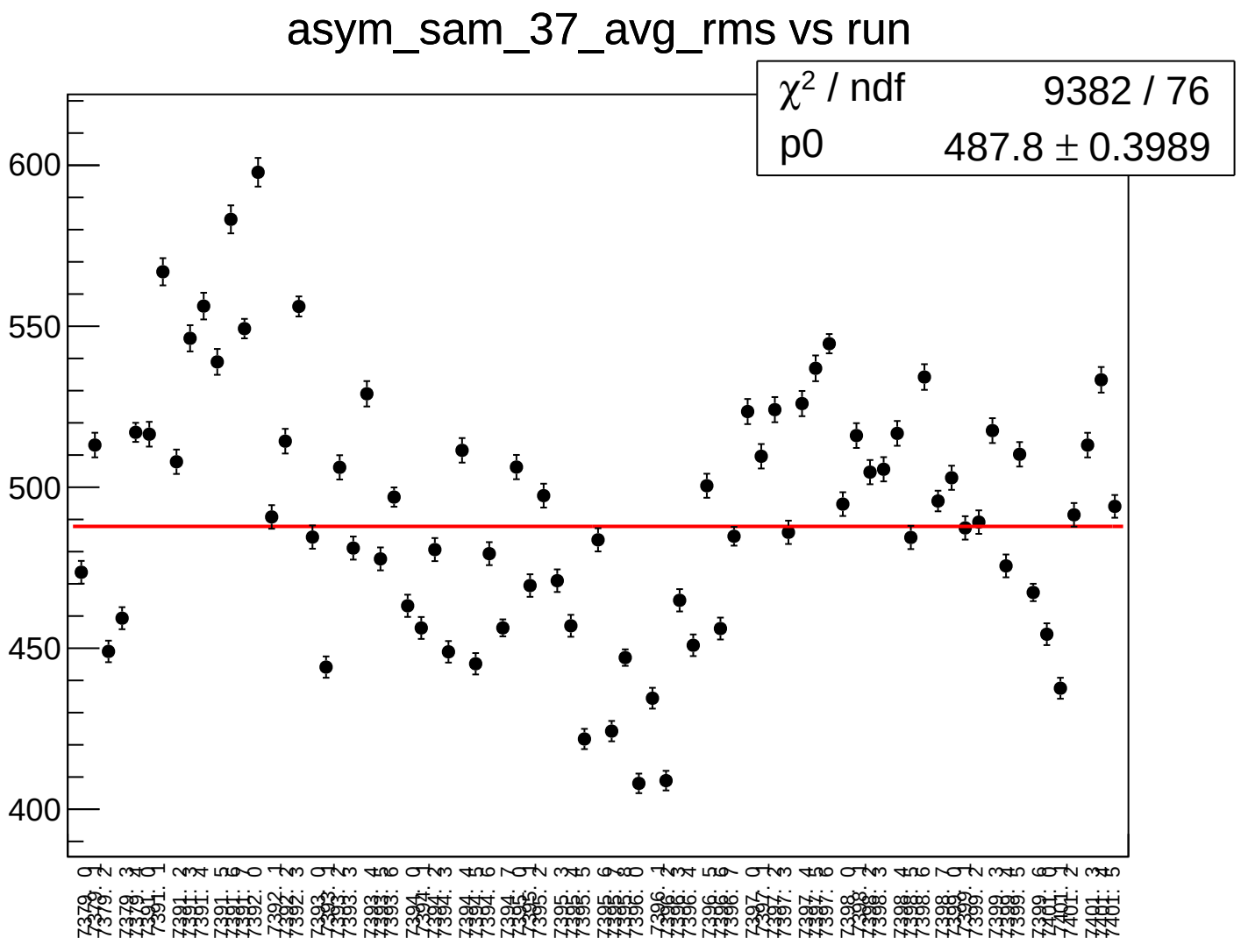

asym_sam_37_avg_correction_mean vs run
χ² / ndf 85.43 / 76
p0 70.33 ± 575.8
pull
Entries 77
Mean 4490
Std Dev 4445

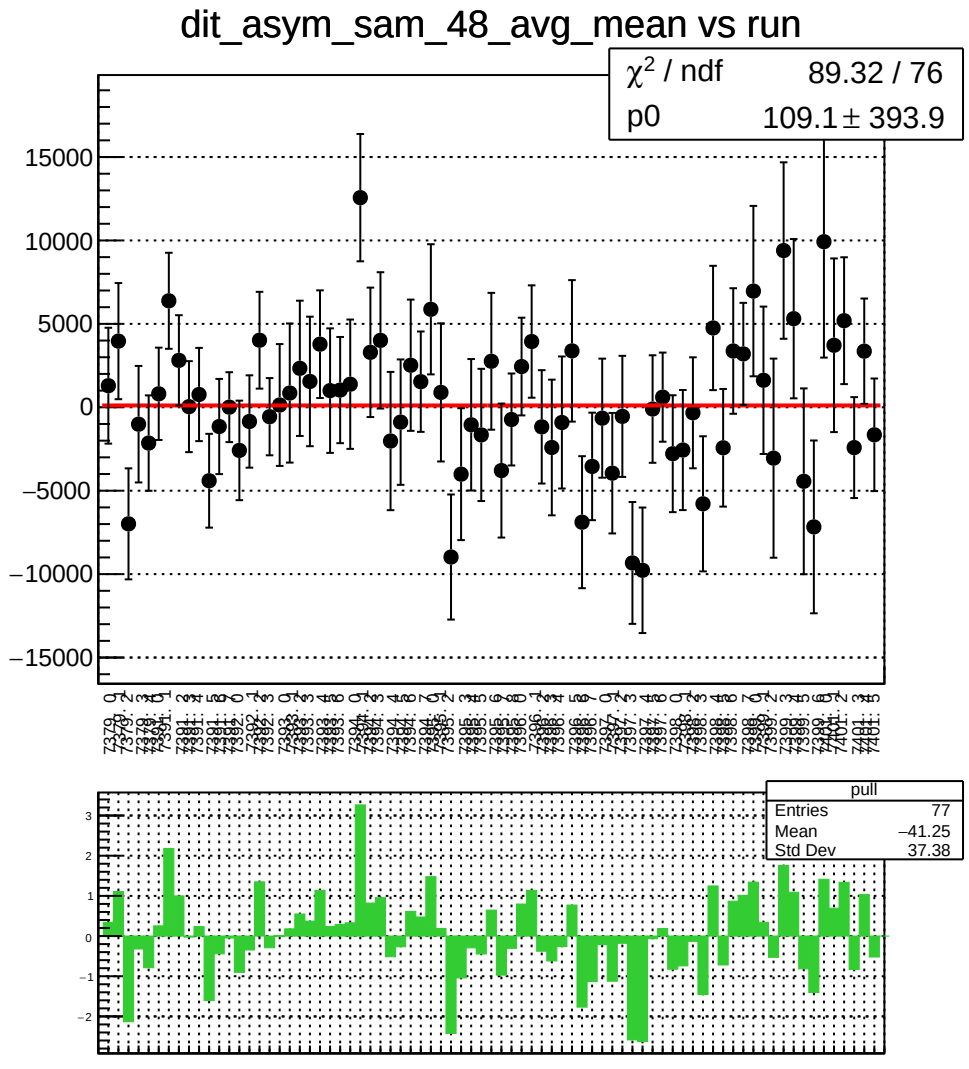

pull1D
Entries 77
Mean 0.001041
Std Dev 1.053

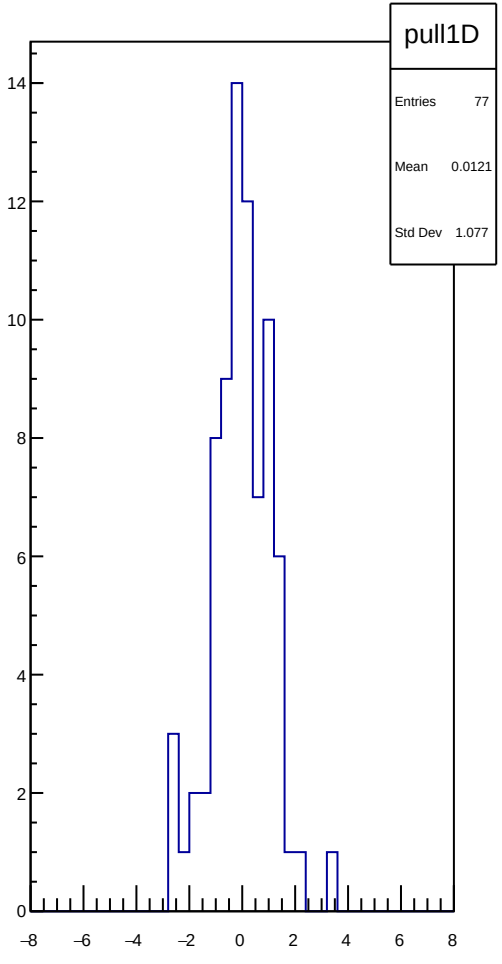

asym_sam_37_avg_correction_rms vs run
χ² / ndf 1858 / 76
p0 499.3 ± 0.4072
540
530
520
510
500
490
480
470
460

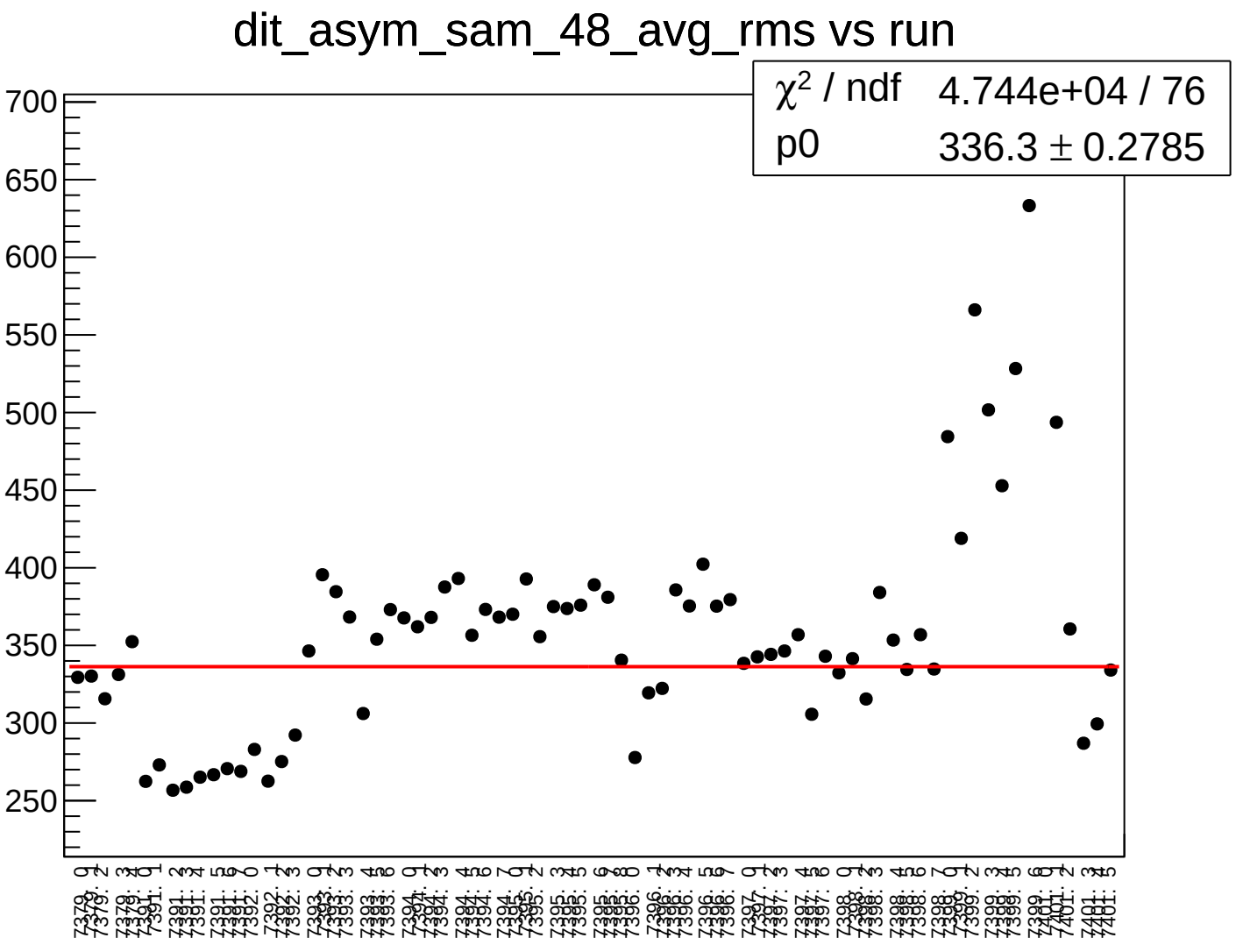

asym_sam_37_avg_mean vs run
χ² / ndf 77.09 / 76
p0 −95.25 ± 564.1
pull
Entries 77
Mean −317.8
Std Dev 361.2

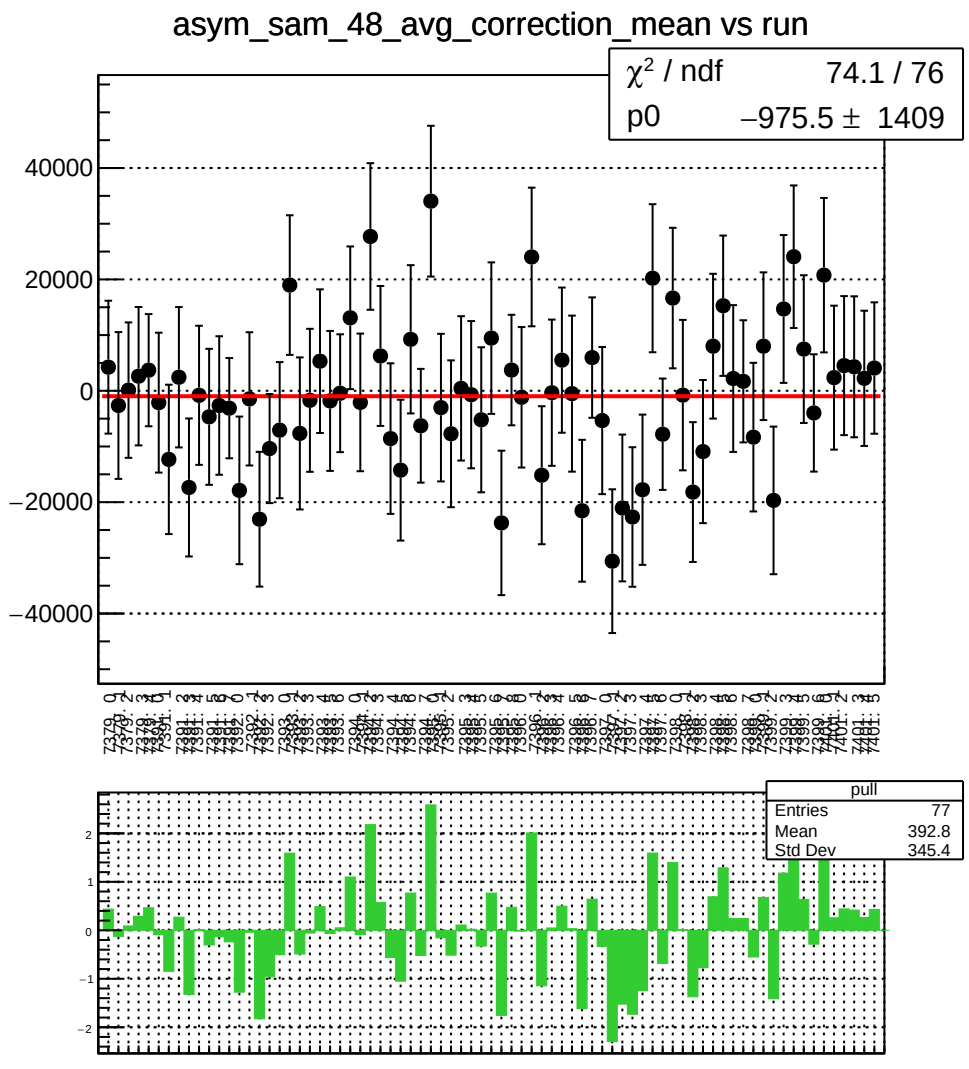

pull1D
Entries 77
Mean 0.01333
Std Dev 1

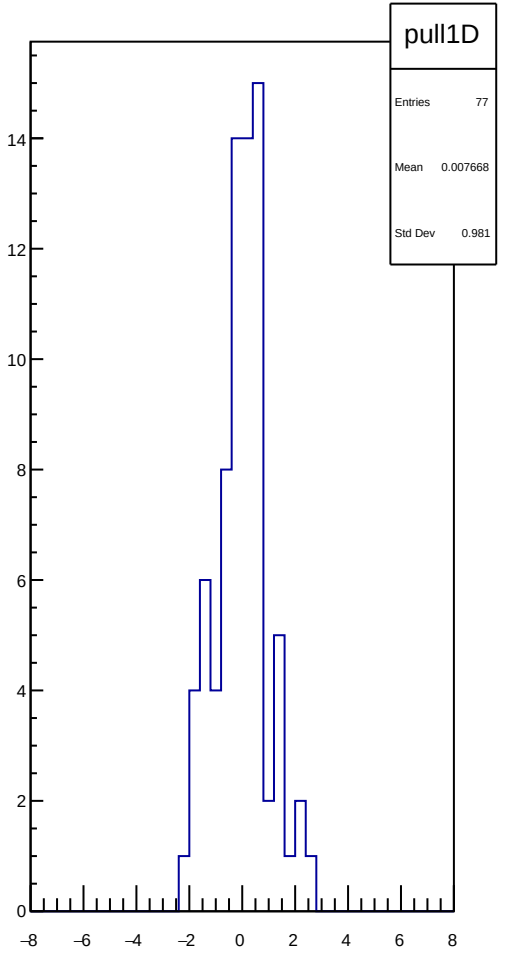

asym_sam_37_avg_rms vs run
χ^2 / ndf 9382 / 76
p0 487.8 ± 0.3989
600
550
500
450
400

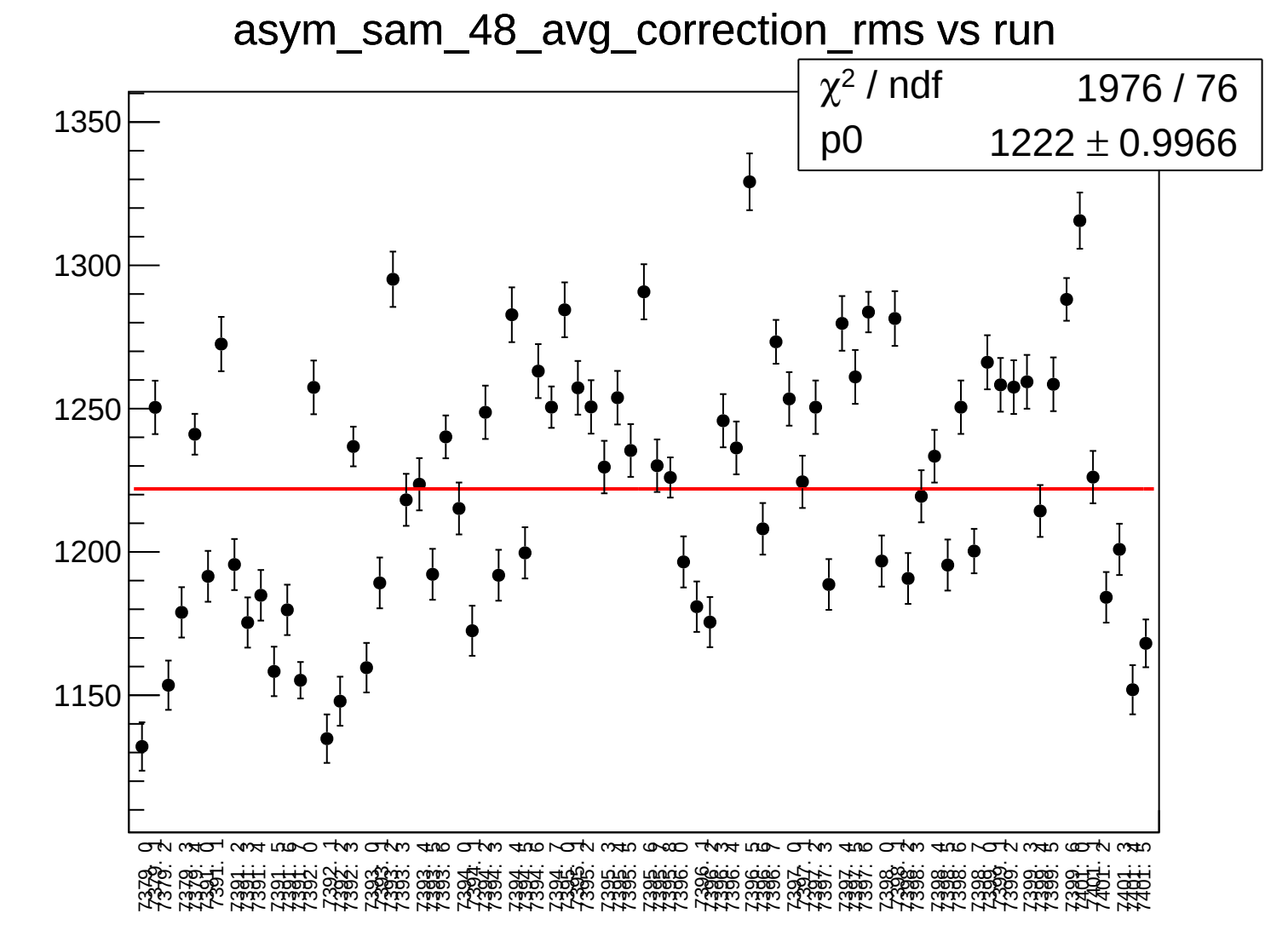

dit_asym_sam_48_avg_mean vs run
χ² / ndf 89.32 / 76
p0 109.1 ± 393.9
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 77
Mean −41.25
Std Dev 37.38
3
2
1
0
−1
−2

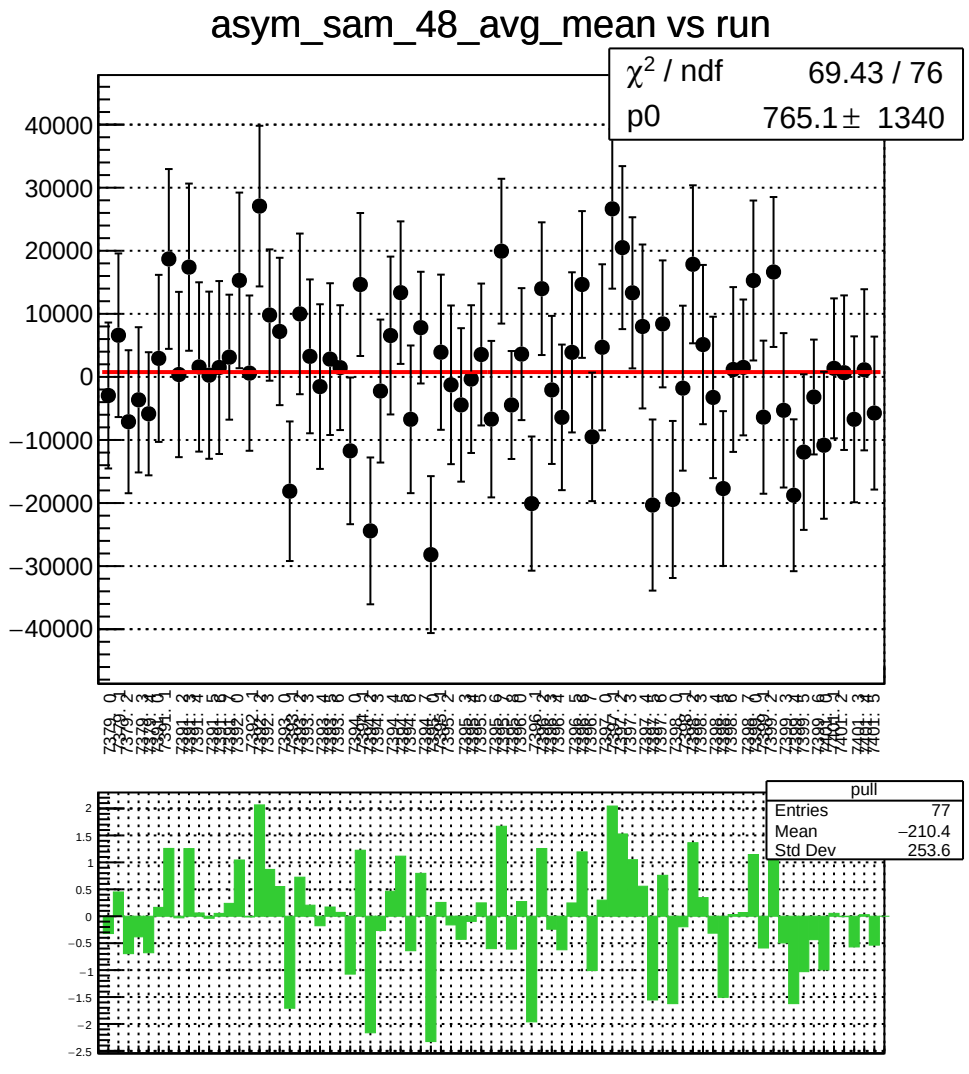

pull1D
Entries 77
Mean 0.0121
Std Dev 1.077
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

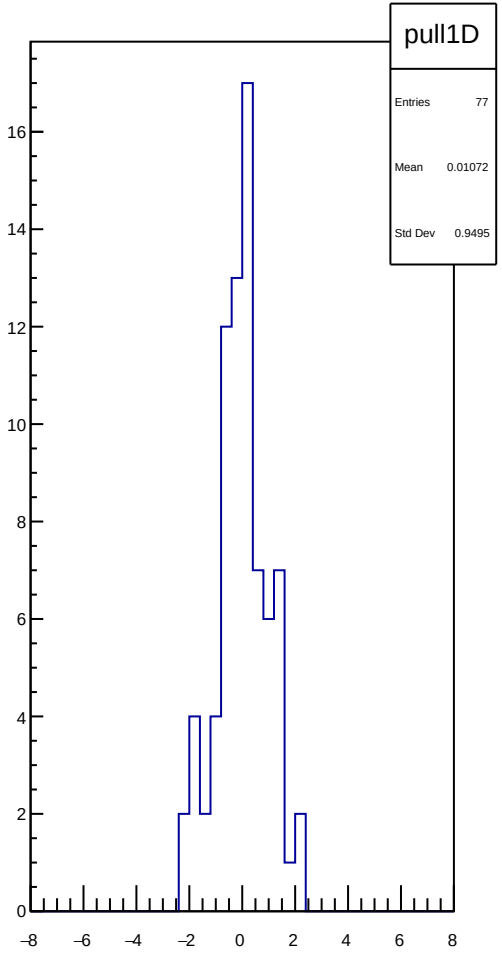

dit_asym_sam_48_avg_rms vs run
χ² / ndf 4.744e+04 / 76
p0 336.3 ± 0.2785
700
650
600
550
500
450
400
350
300
250

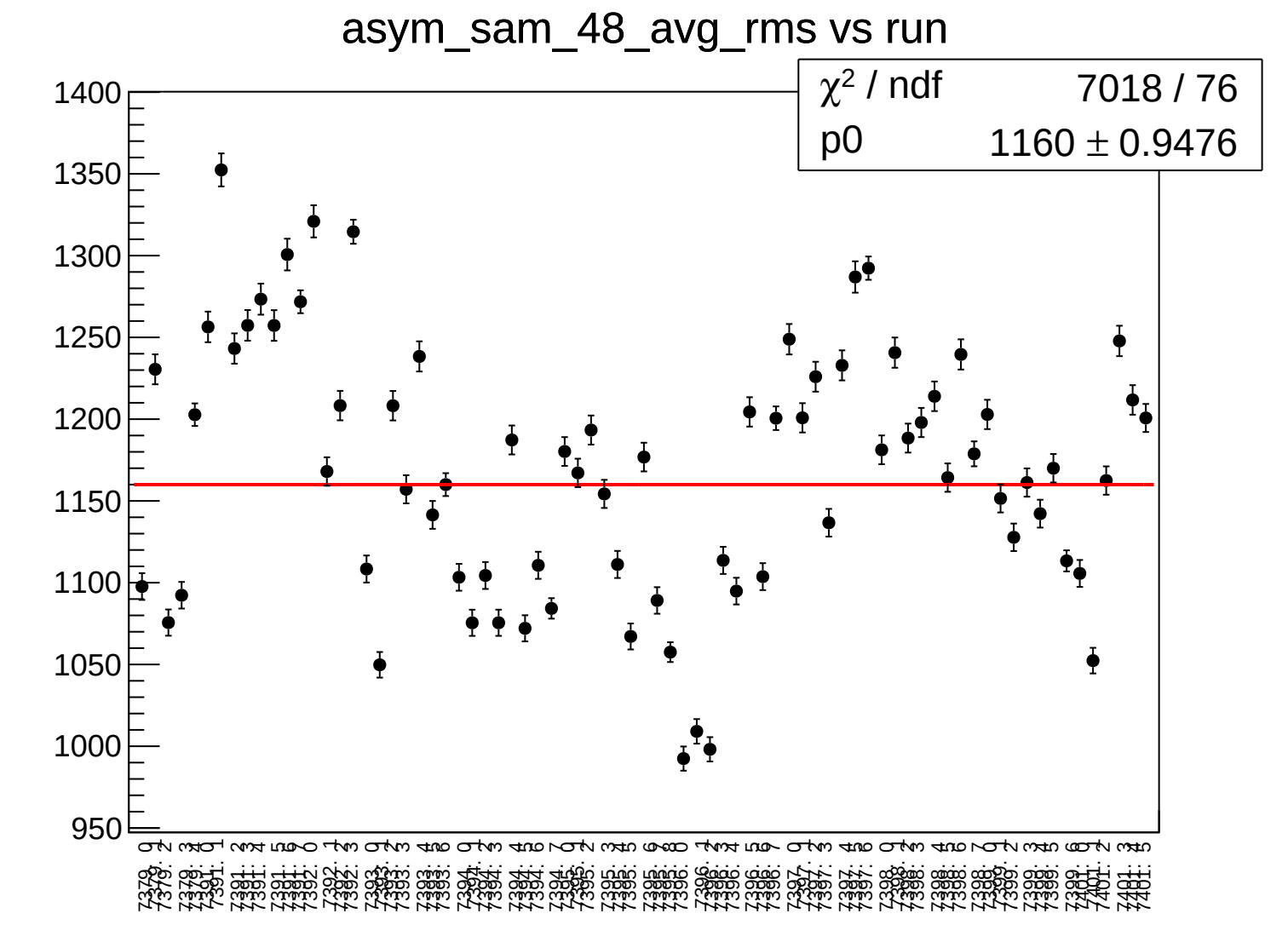

asym_sam_48_avg_correction_mean vs run
χ² / ndf 74.1 / 76
p0 −975.5 ± 1409
40000
20000
0
−20000
−40000
pull
Entries 77
Mean 392.8
Std Dev 345.4
2
1
0
−1
−2

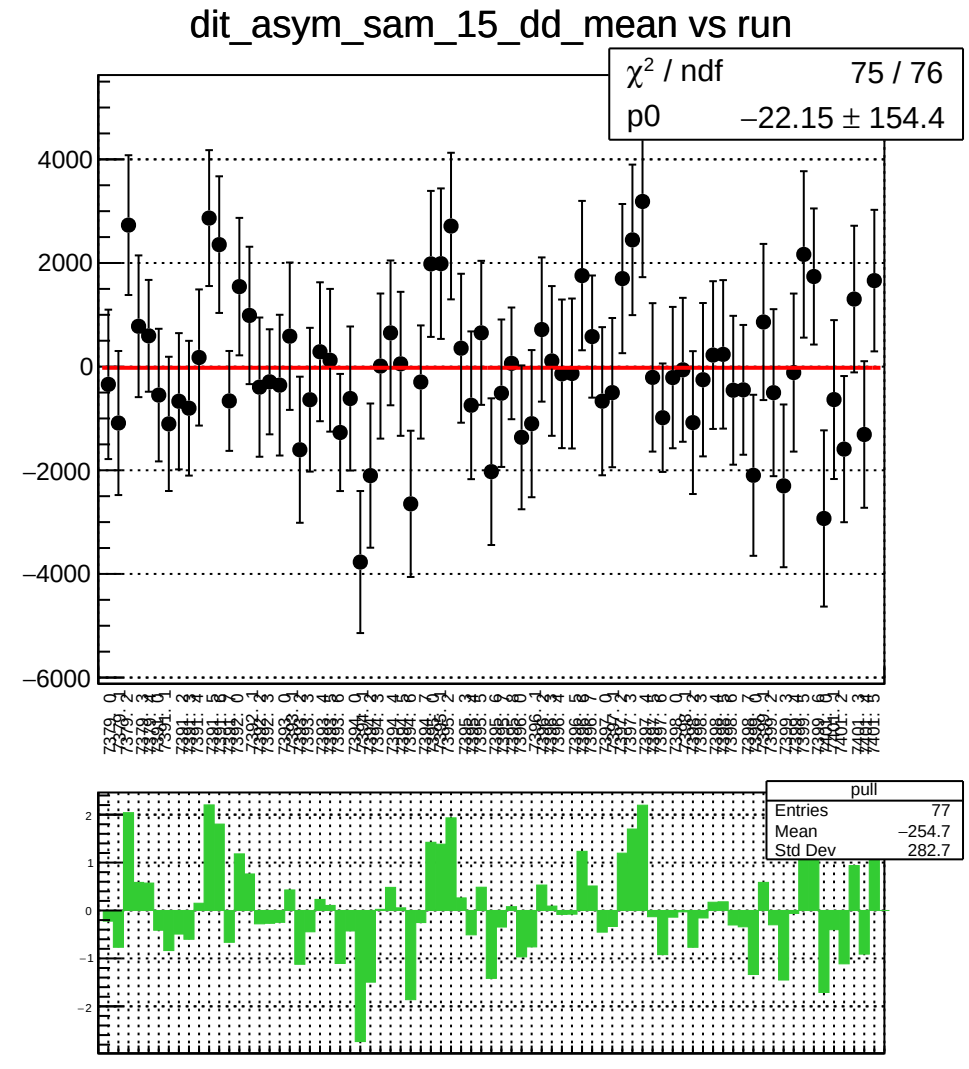

pull1D
Entries 77
Mean 0.007668
Std Dev 0.981
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

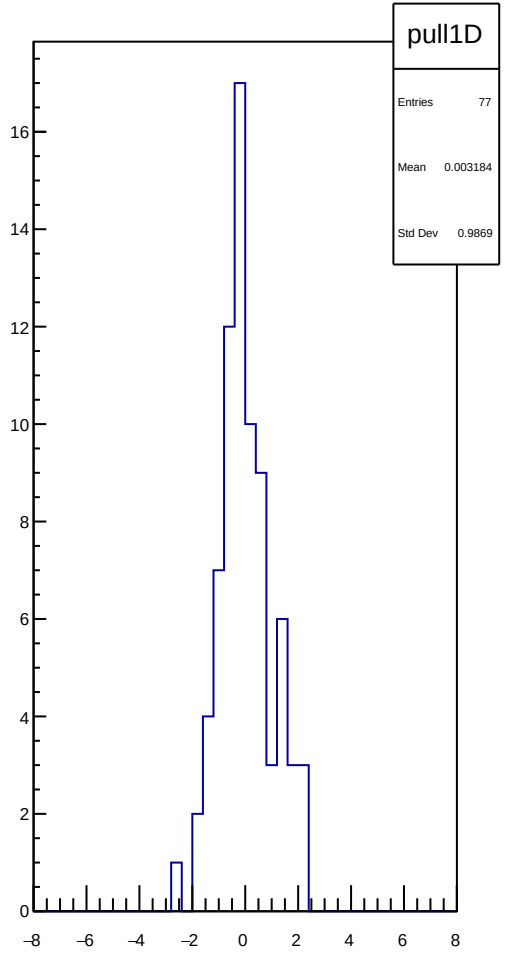

asym_sam_48_avg_correction_rms vs run
χ² / ndf 1976 / 76
p0 1222 ± 0.9966
1350
1300
1250
1200
1150

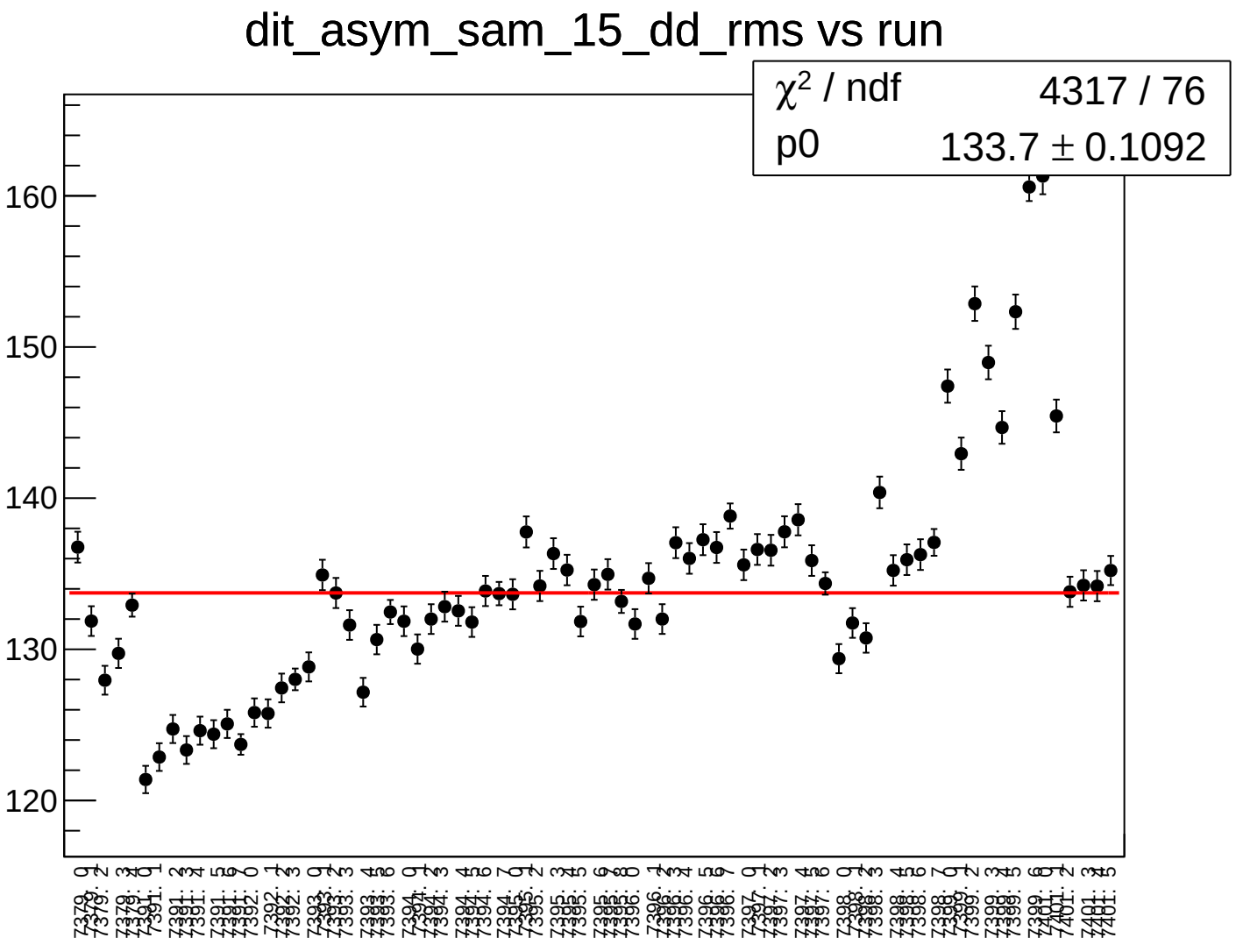

asym_sam_48_avg_mean vs run
χ² / ndf 69.43 / 76
p0 765.1 ± 1340
pull
Entries 77
Mean −210.4
Std Dev 253.6

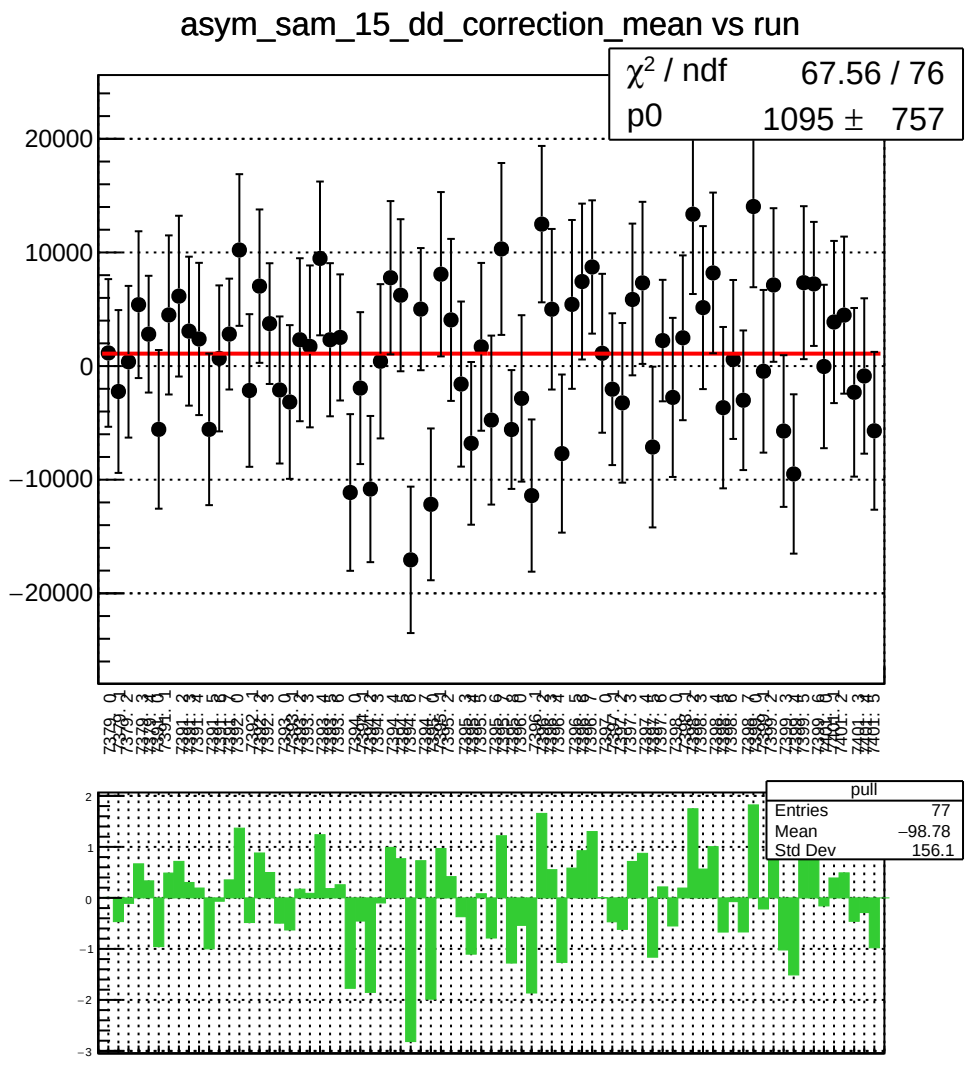

pull1D
Entries 77
Mean 0.01072
Std Dev 0.9495

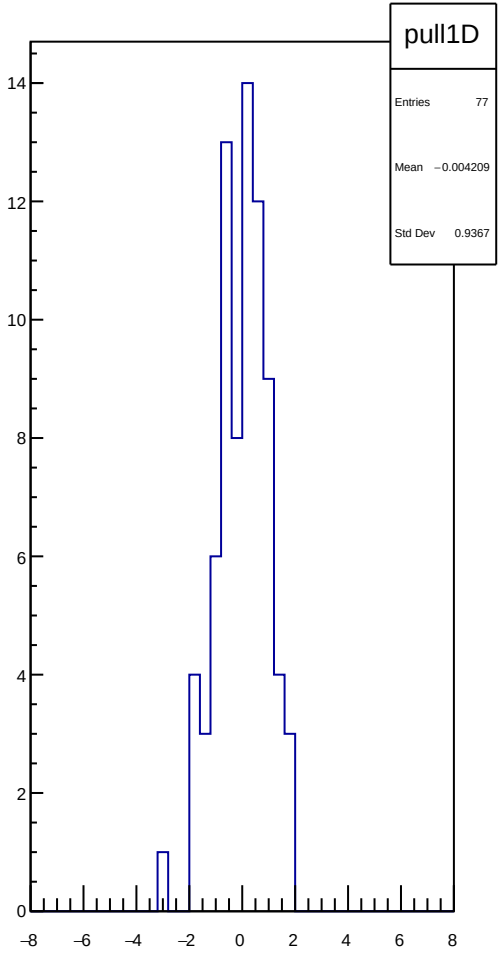

asym_sam_48_avg_rms vs run
χ² / ndf 7018 / 76
p0 1160 ± 0.9476
1400
1350
1300
1250
1200
1150
1100
1050
1000
950

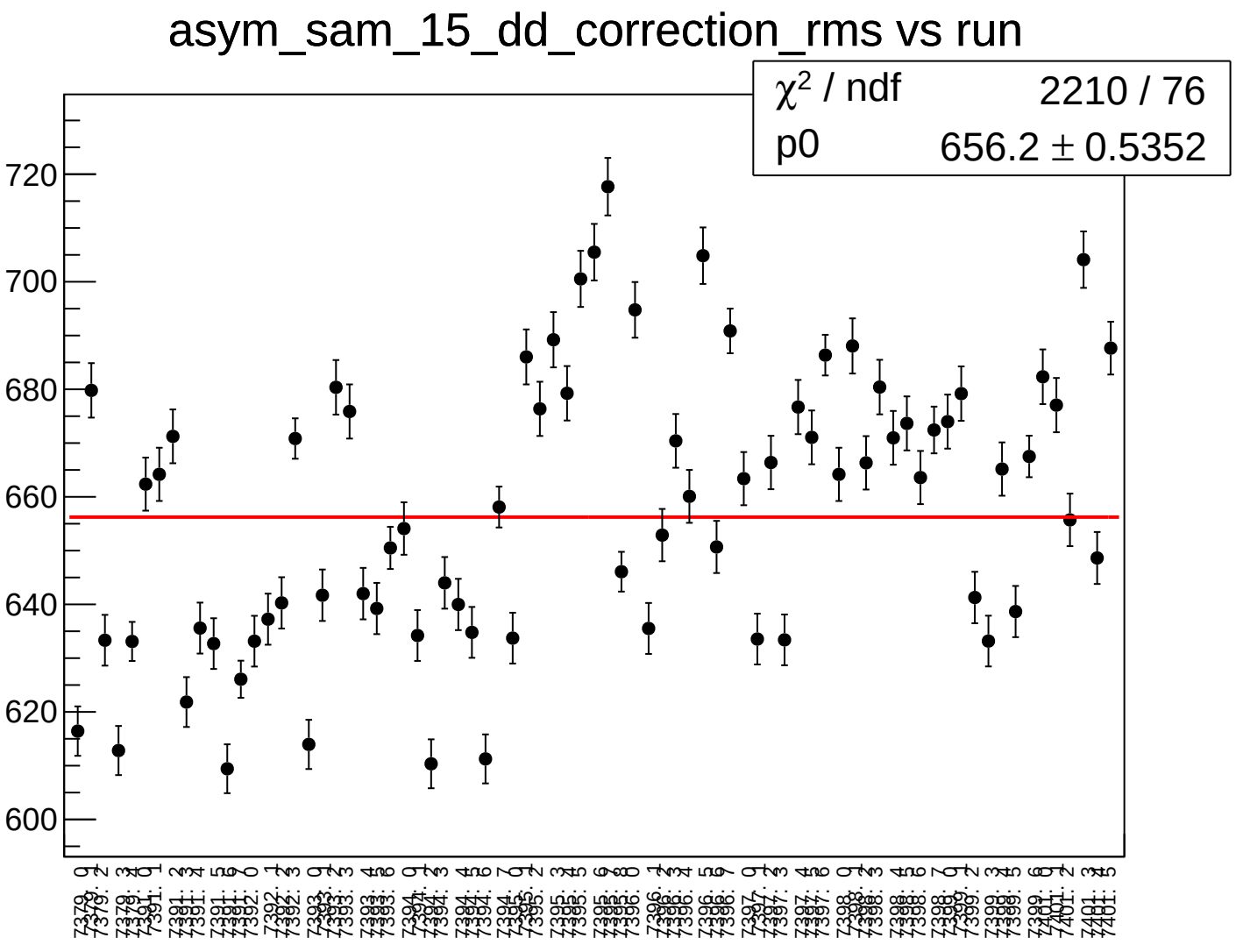

dit_asym_sam_15_dd_mean vs run
χ² / ndf 75 / 76
p0 −22.15 ± 154.4
4000
2000
0
−2000
−4000
−6000
pull
Entries 77
Mean −254.7
Std Dev 282.7
2
1
0
−1
−2

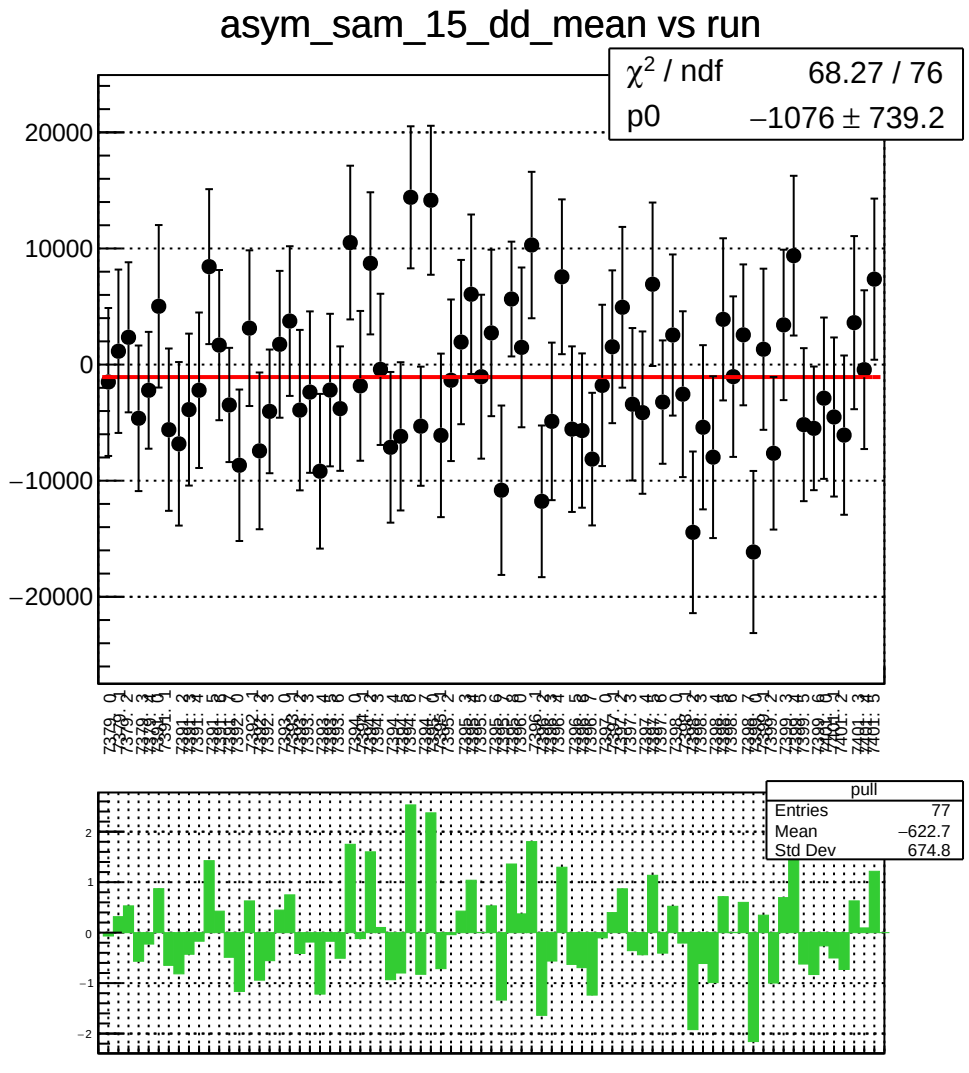

pull1D
Entries 77
Mean 0.003184
Std Dev 0.9869
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

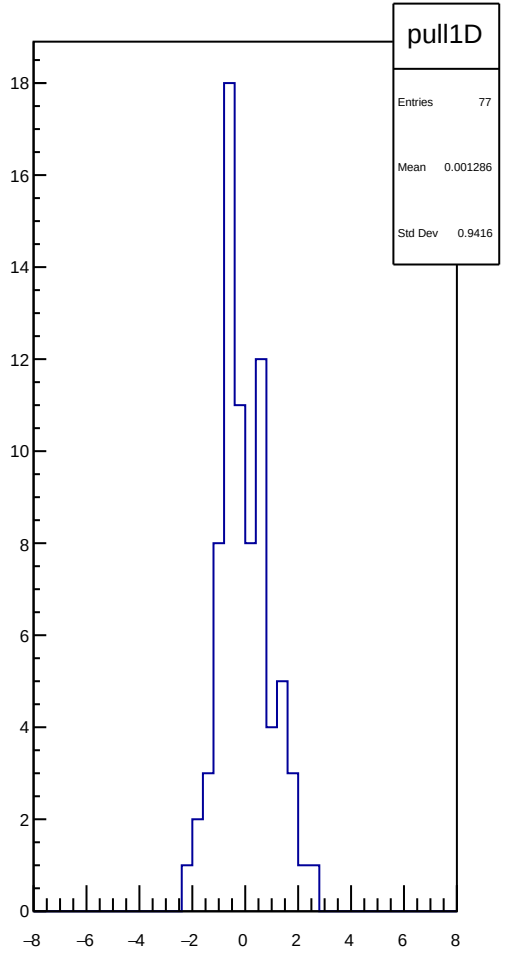

dit_asym_sam_15_dd_rms vs run
χ² / ndf 4317 / 76
p0 133.7 ± 0.1092
160
150
140
130
120

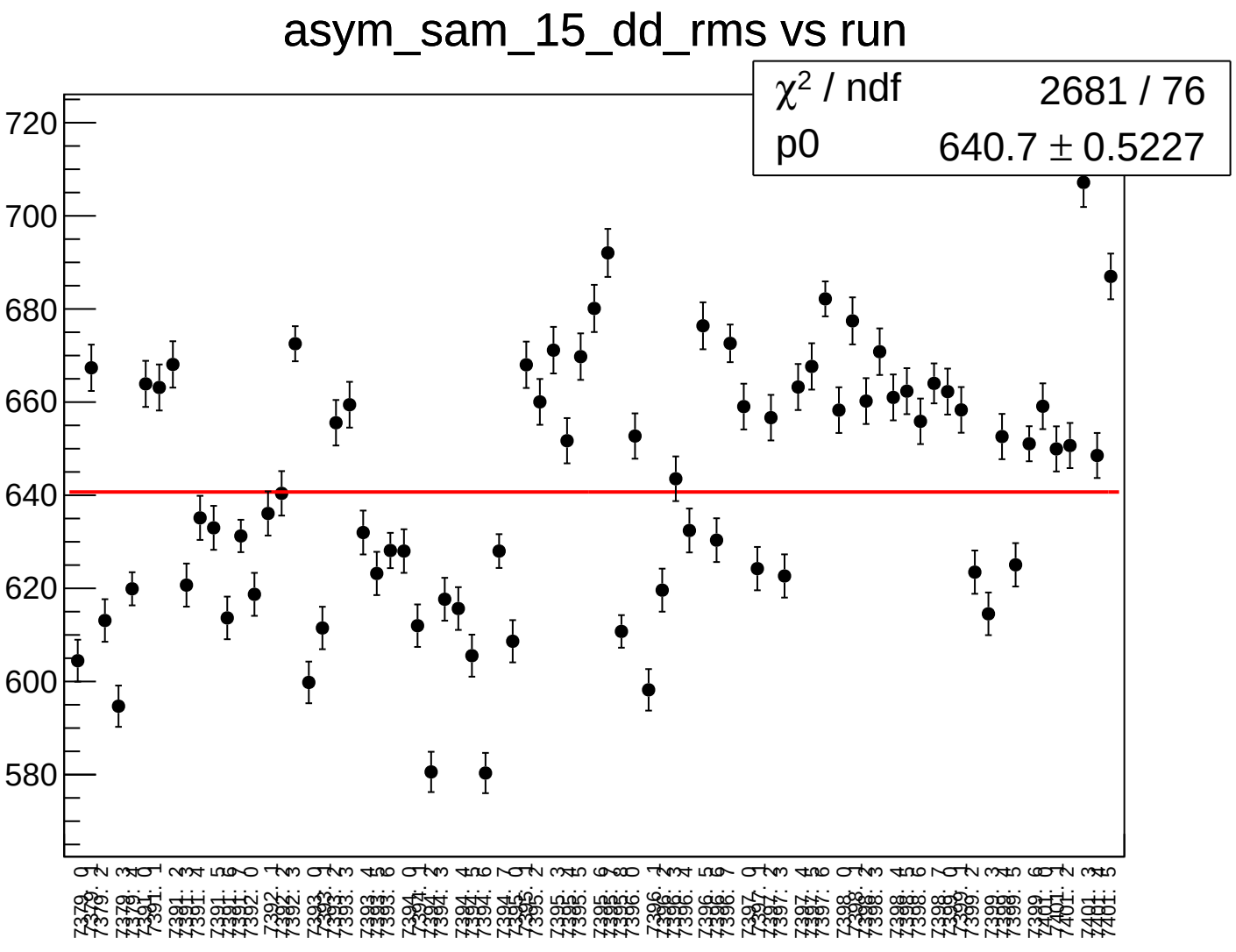

asym_sam_15_dd_correction_mean vs run
χ² / ndf 67.56 / 76
p0 1095 ± 757
20000
10000
0
−10000
−20000
pull
Entries 77
Mean −98.78
Std Dev 156.1
2
1
0
−1
−2
−3

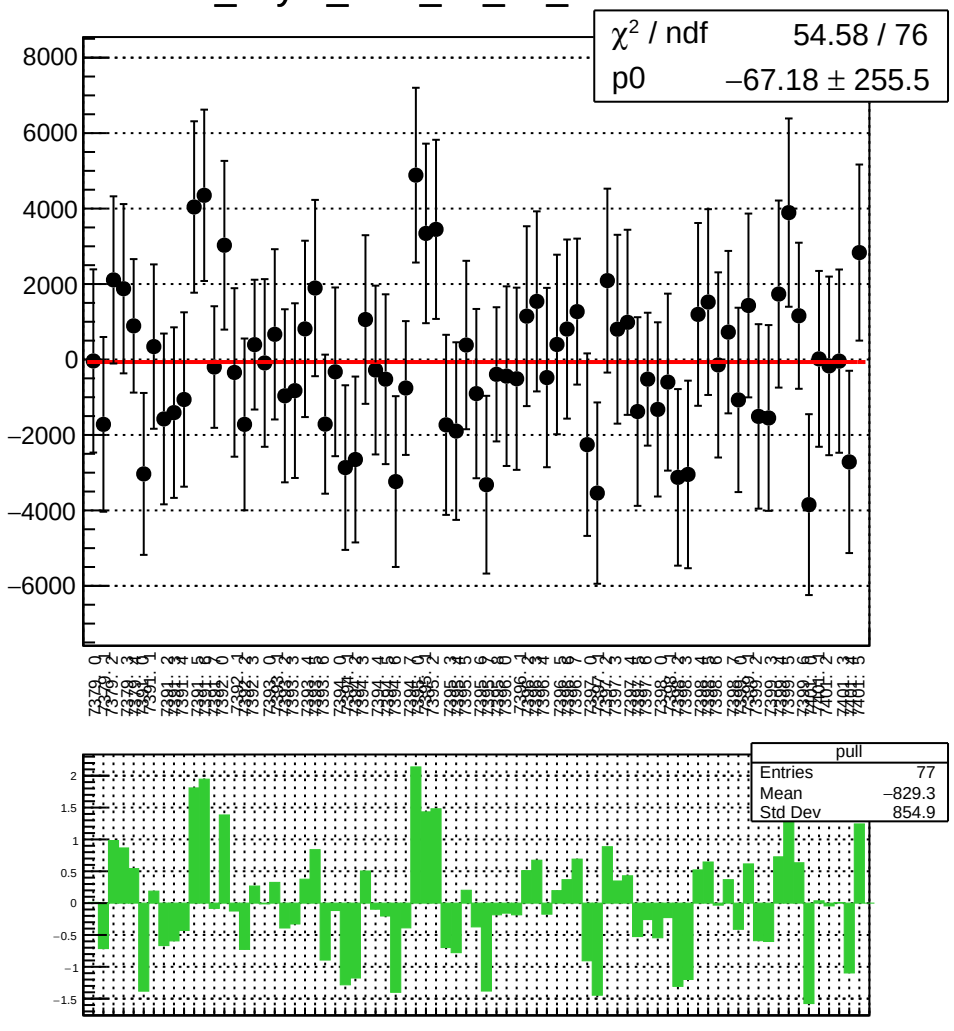

pull1D
Entries 77
Mean −0.004209
Std Dev 0.9367
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

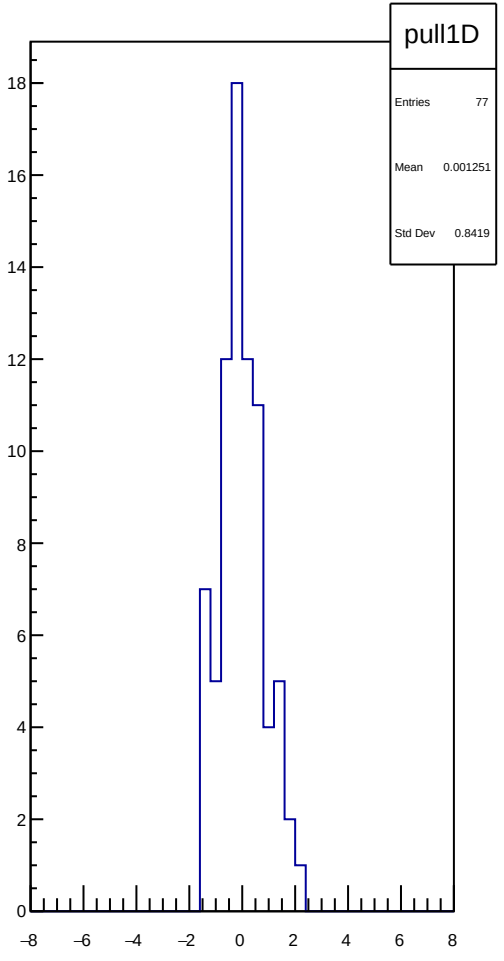

asym_sam_15_dd_correction_rms vs run
χ² / ndf 2210 / 76
p0 656.2 ± 0.5352
720
700
680
660
640
620
600

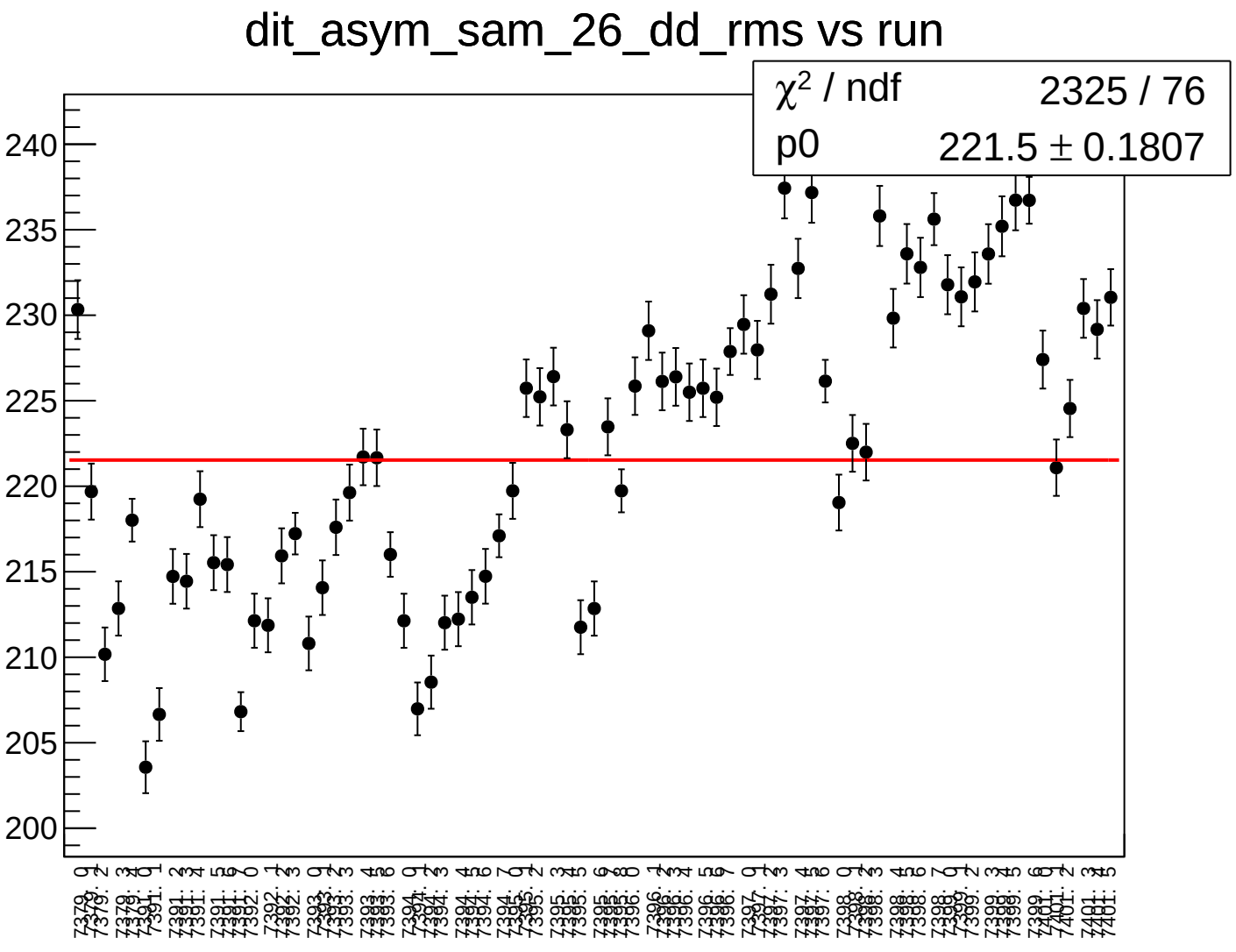

asym_sam_15_dd_mean vs run
χ² / ndf 68.27 / 76
p0 −1076 ± 739.2
20000
10000
0
−10000
−20000
pull
Entries 77
Mean −622.7
Std Dev 674.8
2
1
0
−1
−2

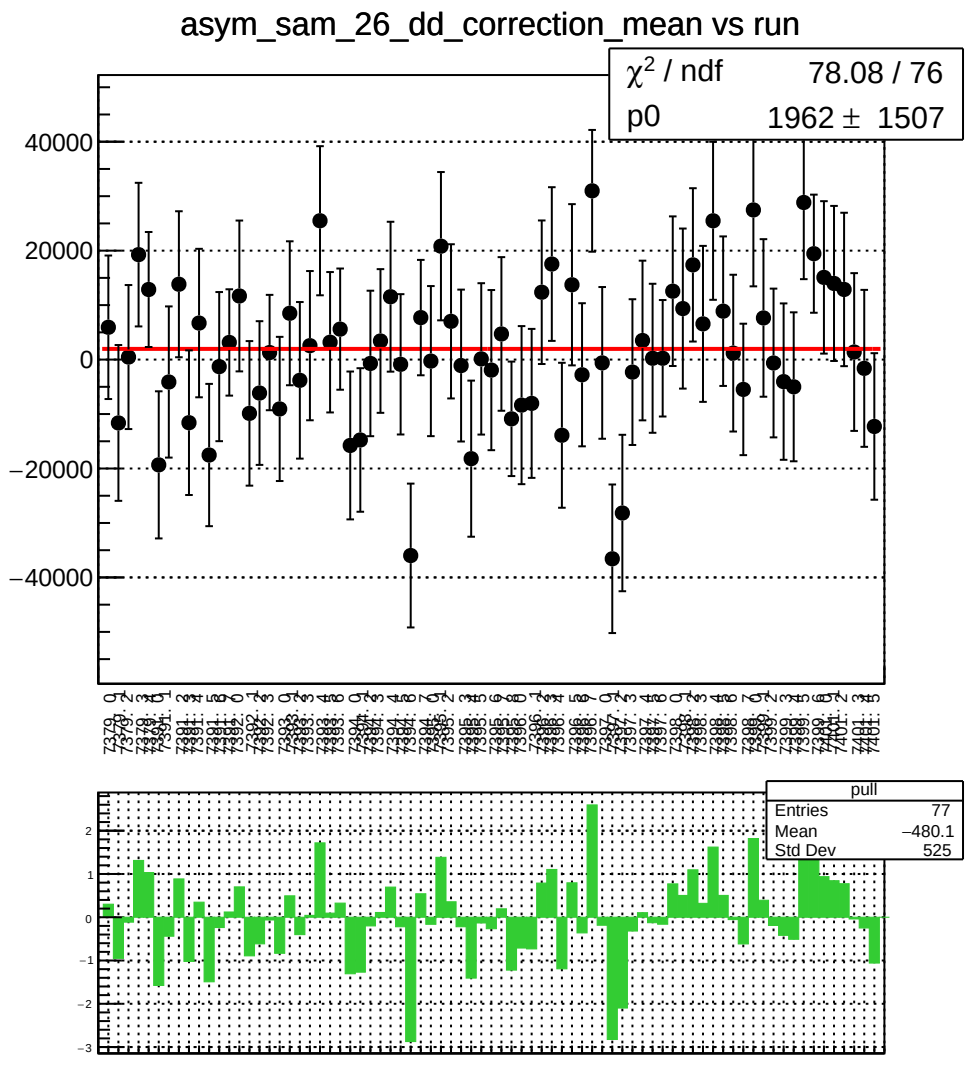

pull1D
Entries 77
Mean 0.001286
Std Dev 0.9416
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

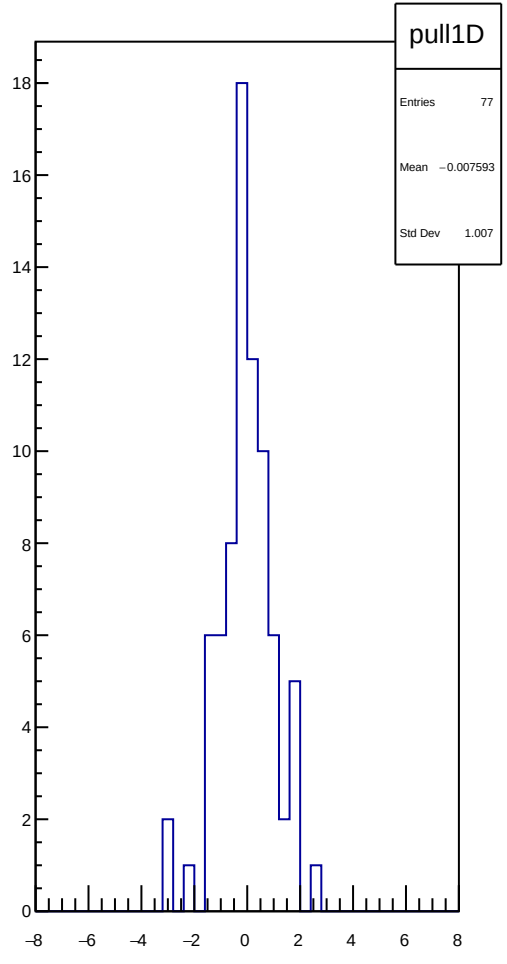

asym_sam_15_dd_rms vs run
χ² / ndf 2681 / 76
p0 640.7 ± 0.5227
720
700
680
660
640
620
600
580

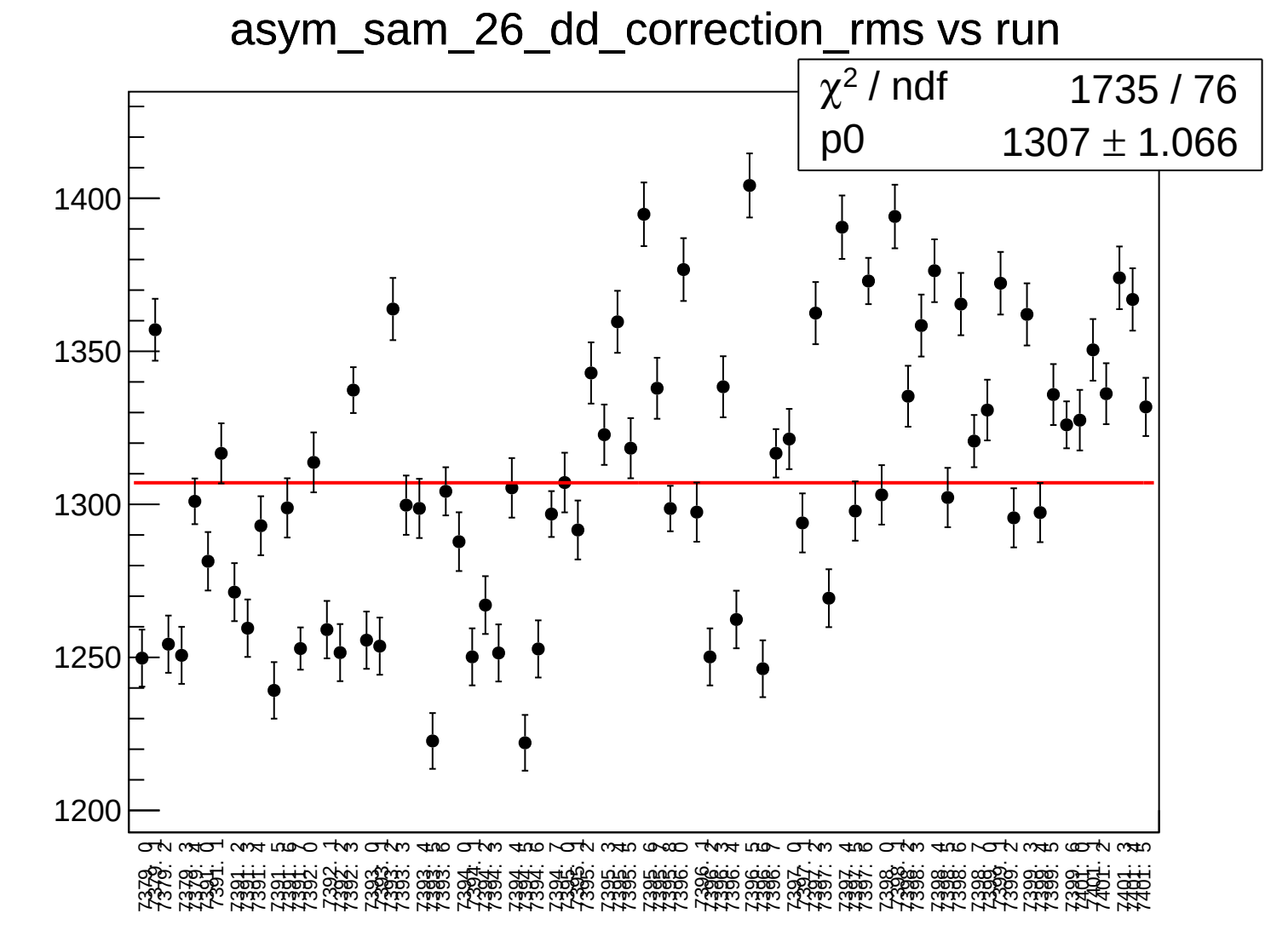

dit_asym_sam_26_dd_mean vs run
χ² / ndf 54.58 / 76
p0 −67.18 ± 255.5
pull
Entries 77
Mean −829.3
Std Dev 854.9

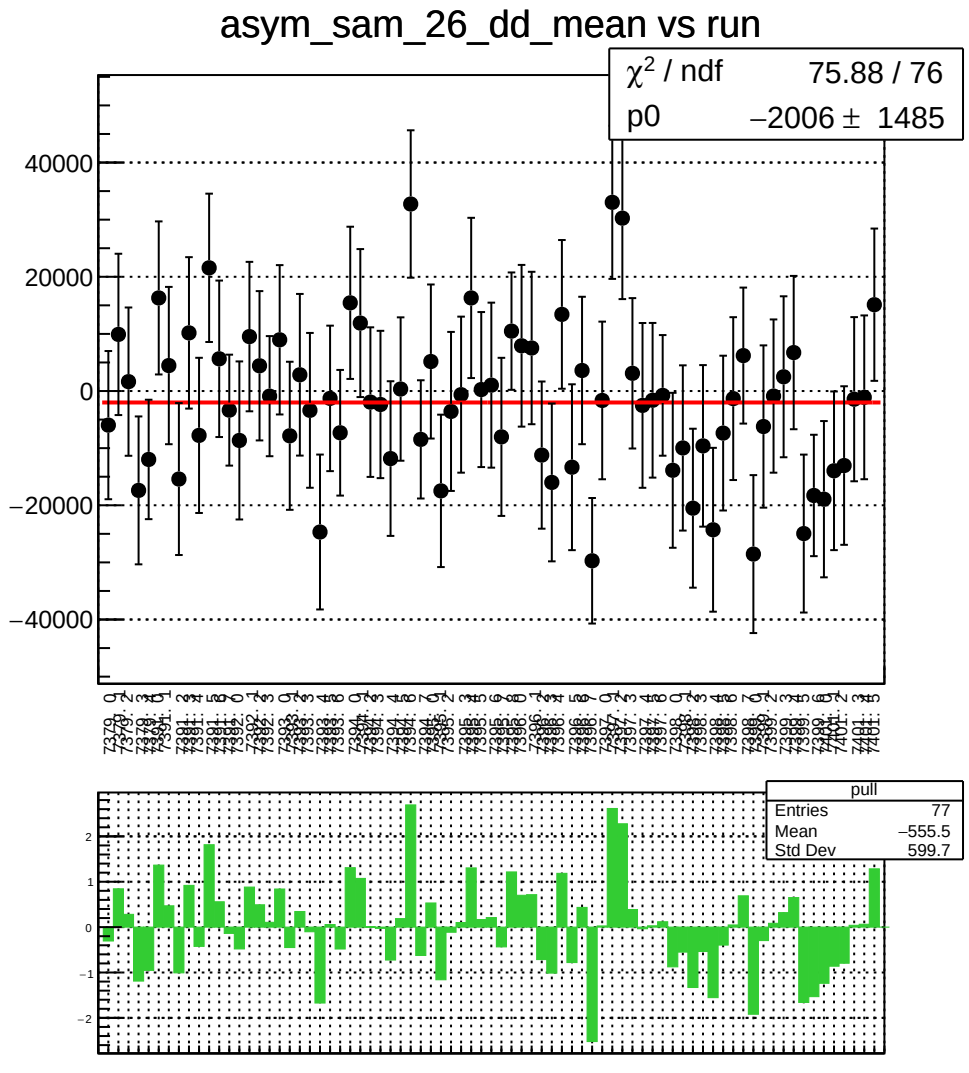

pull1D
Entries 77
Mean 0.001251
Std Dev 0.8419

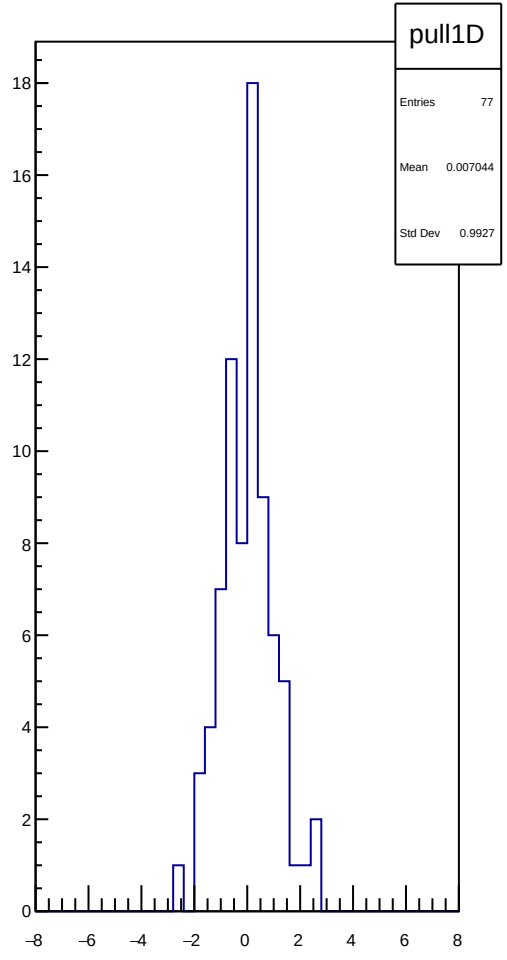

dit_asym_sam_26_dd_rms vs run
χ² / ndf 2325 / 76
p0 221.5 ± 0.1807
240
235
230
225
220
215
210
205
200

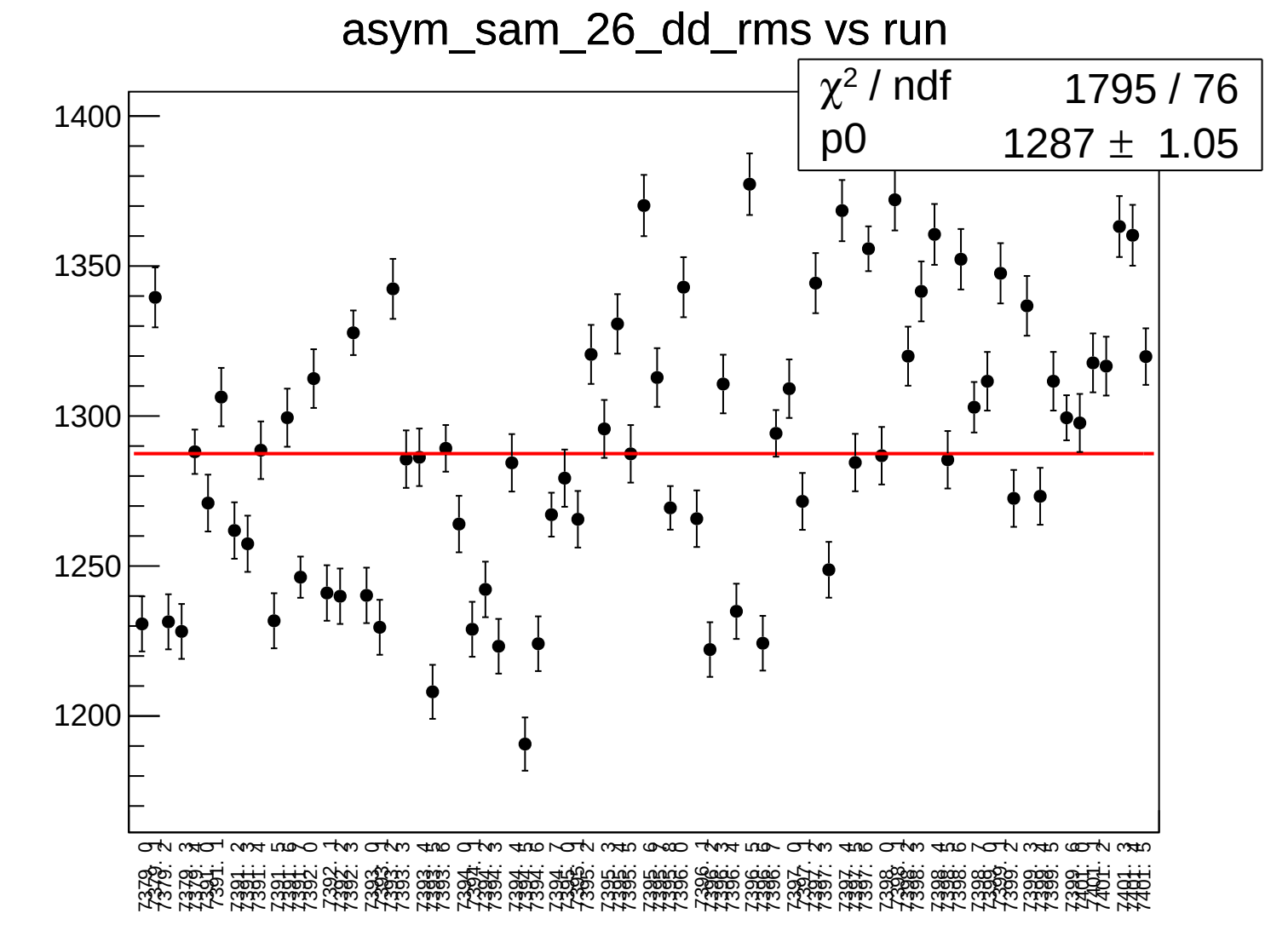

asym_sam_26_dd_correction_mean vs run
χ² / ndf 78.08 / 76
p0 1962 ± 1507
40000
20000
0
−20000
−40000
pull
Entries 77
Mean −480.1
Std Dev 525
2
1
0
−1
−2
−3

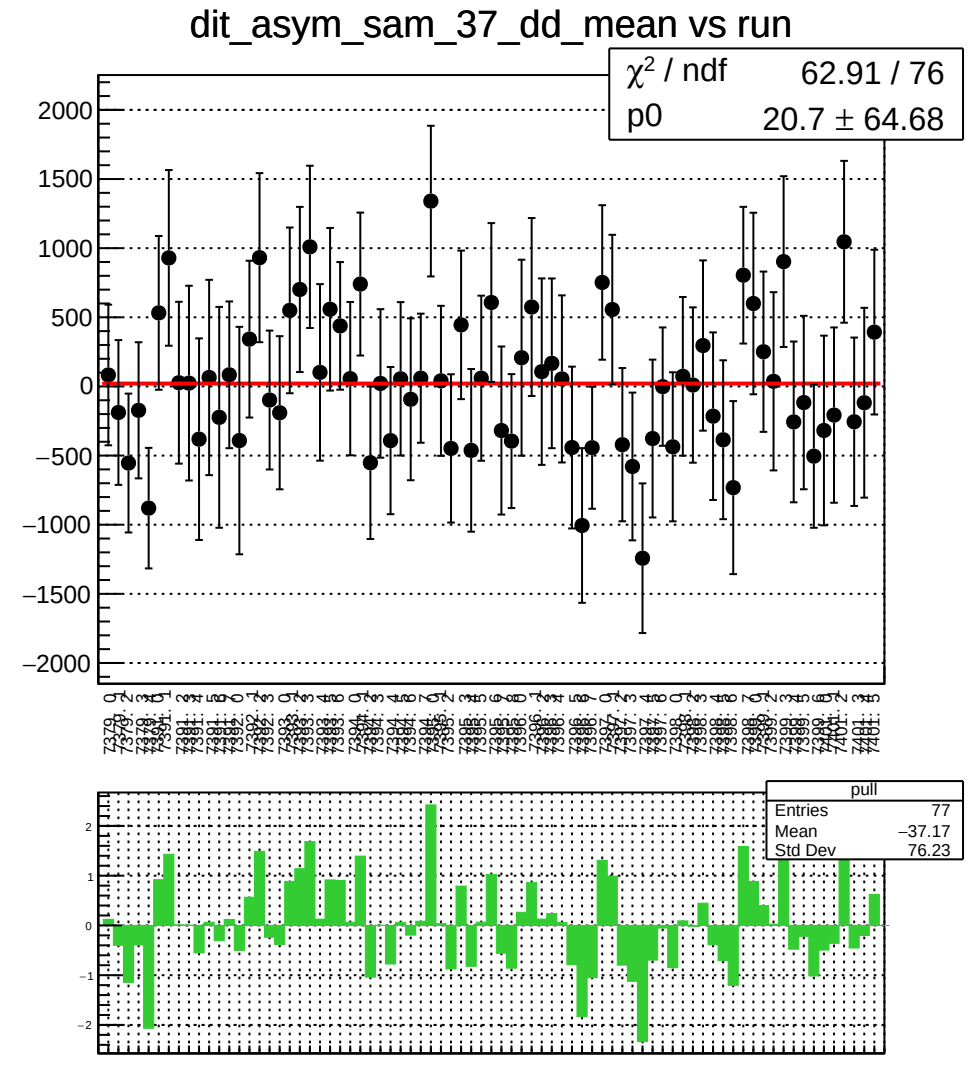

pull1D
Entries 77
Mean −0.007593
Std Dev 1.007
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

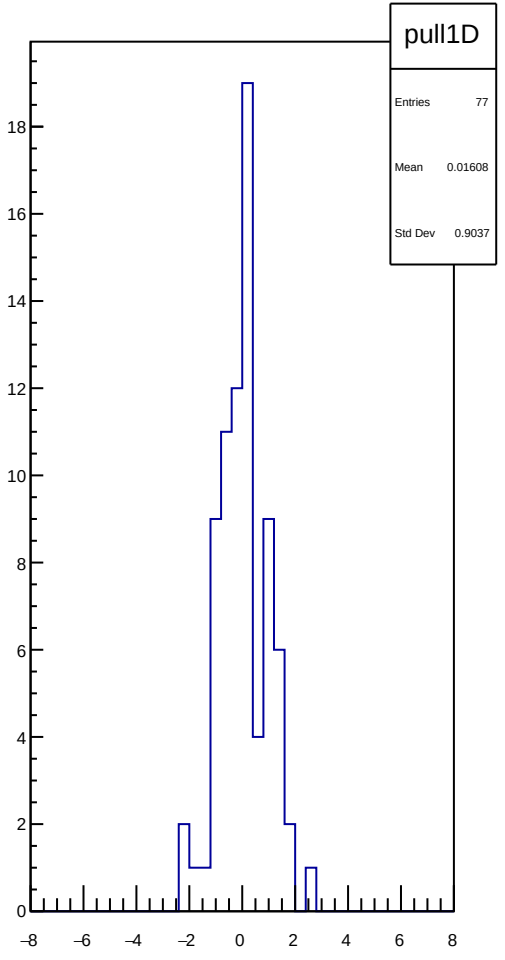

asym_sam_26_dd_correction_rms vs run
χ² / ndf 1735 / 76
p0 1307 ± 1.066
1400
1350
1300
1250
1200

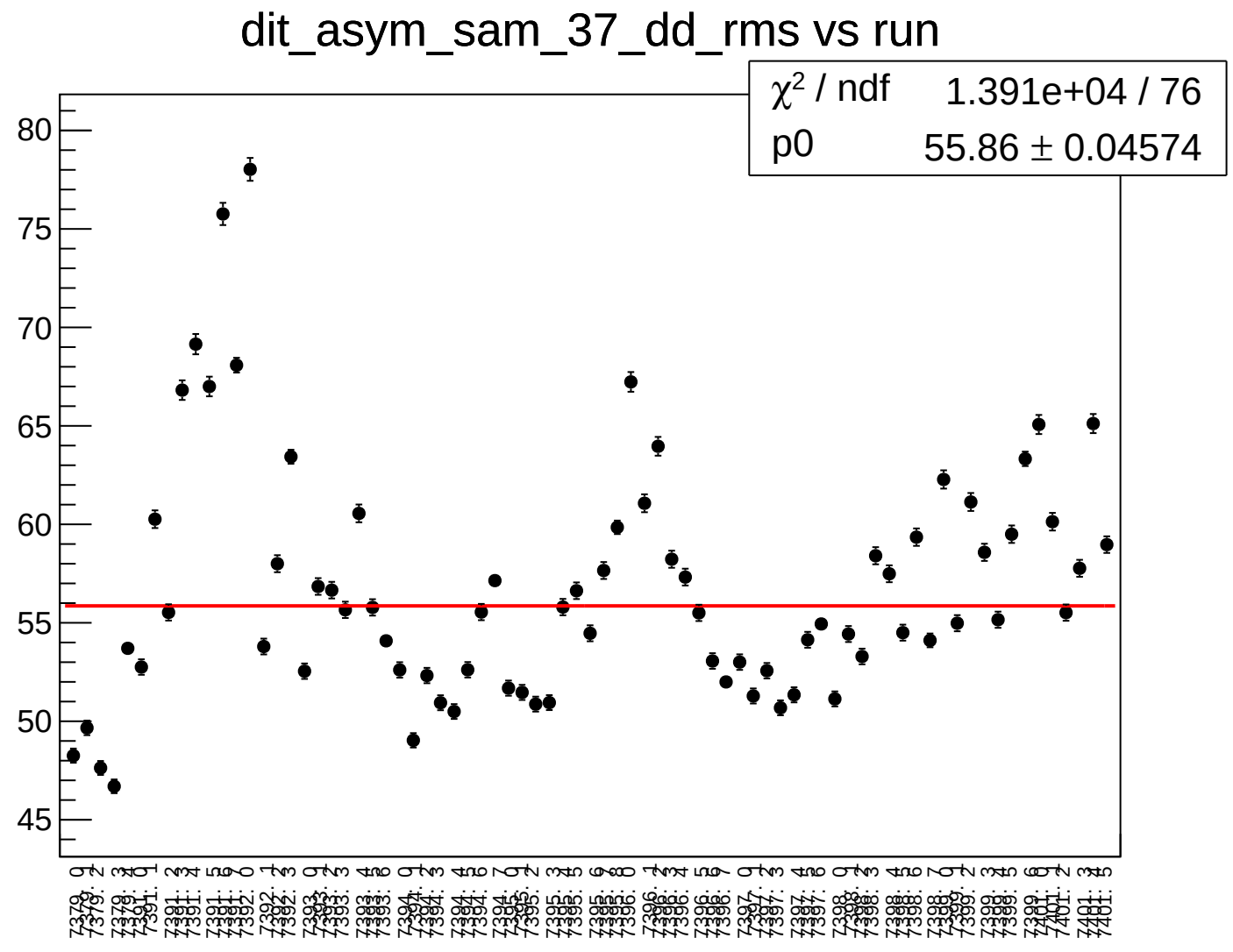

asym_sam_26_dd_mean vs run
χ^2 / ndf 75.88 / 76
p0 −2006 ± 1485
40000
20000
0
−20000
−40000
pull
Entries 77
Mean −555.5
Std Dev 599.7
2
1
0
−1
−2

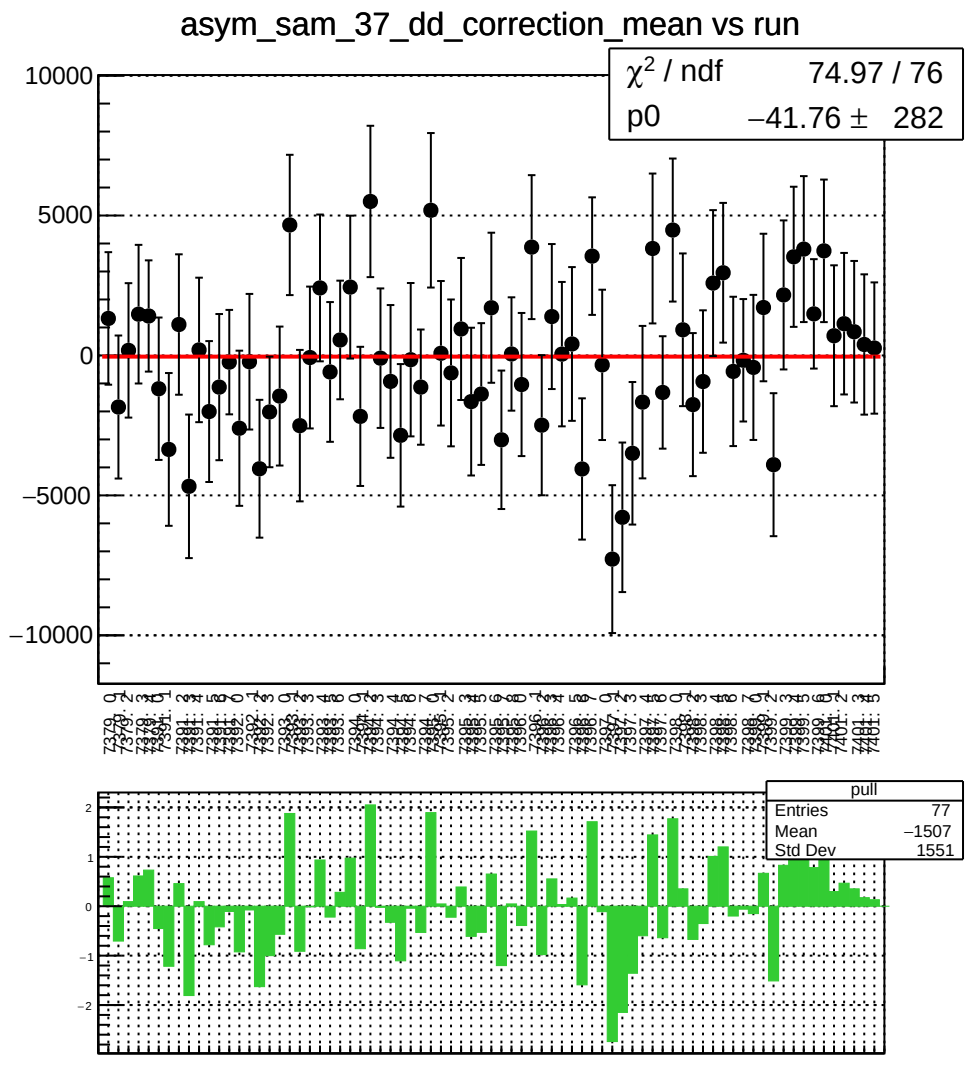

pull1D
Entries 77
Mean 0.007044
Std Dev 0.9927
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

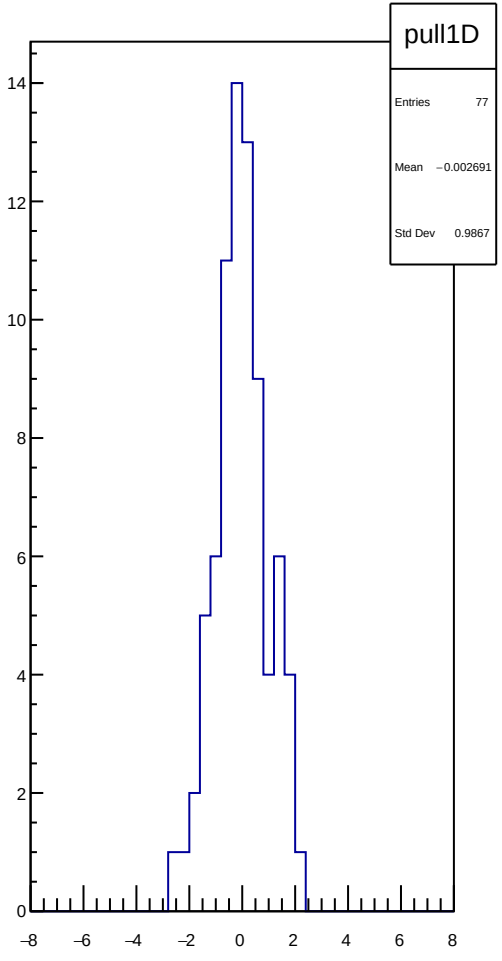

asym_sam_26_dd_rms vs run
χ² / ndf 1795 / 76
p0 1287 ± 1.05
1400
1350
1300
1250
1200

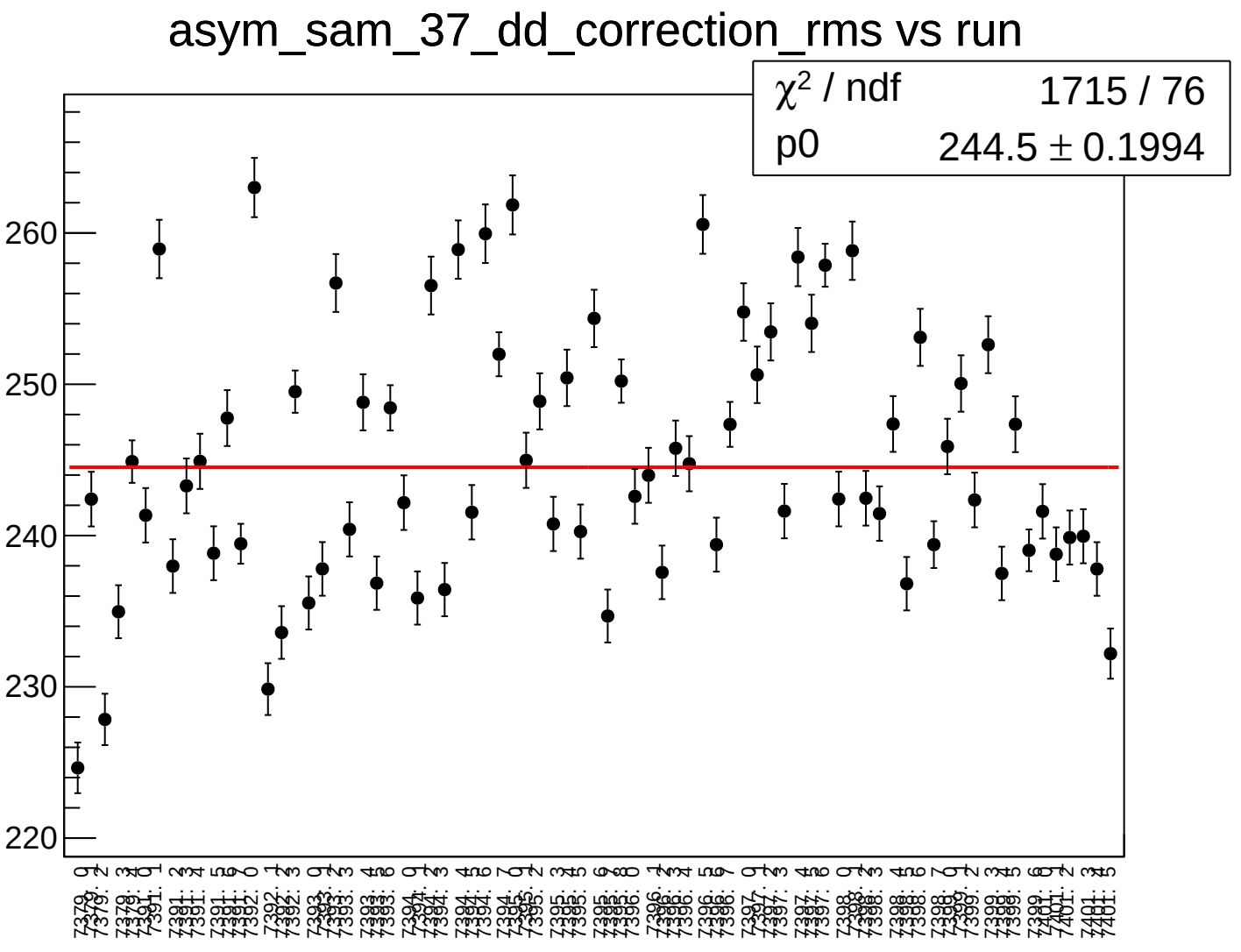

dit_asym_sam_37_dd_mean vs run
χ² / ndf 62.91 / 76
p0 20.7 ± 64.68
pull
Entries 77
Mean −37.17
Std Dev 76.23

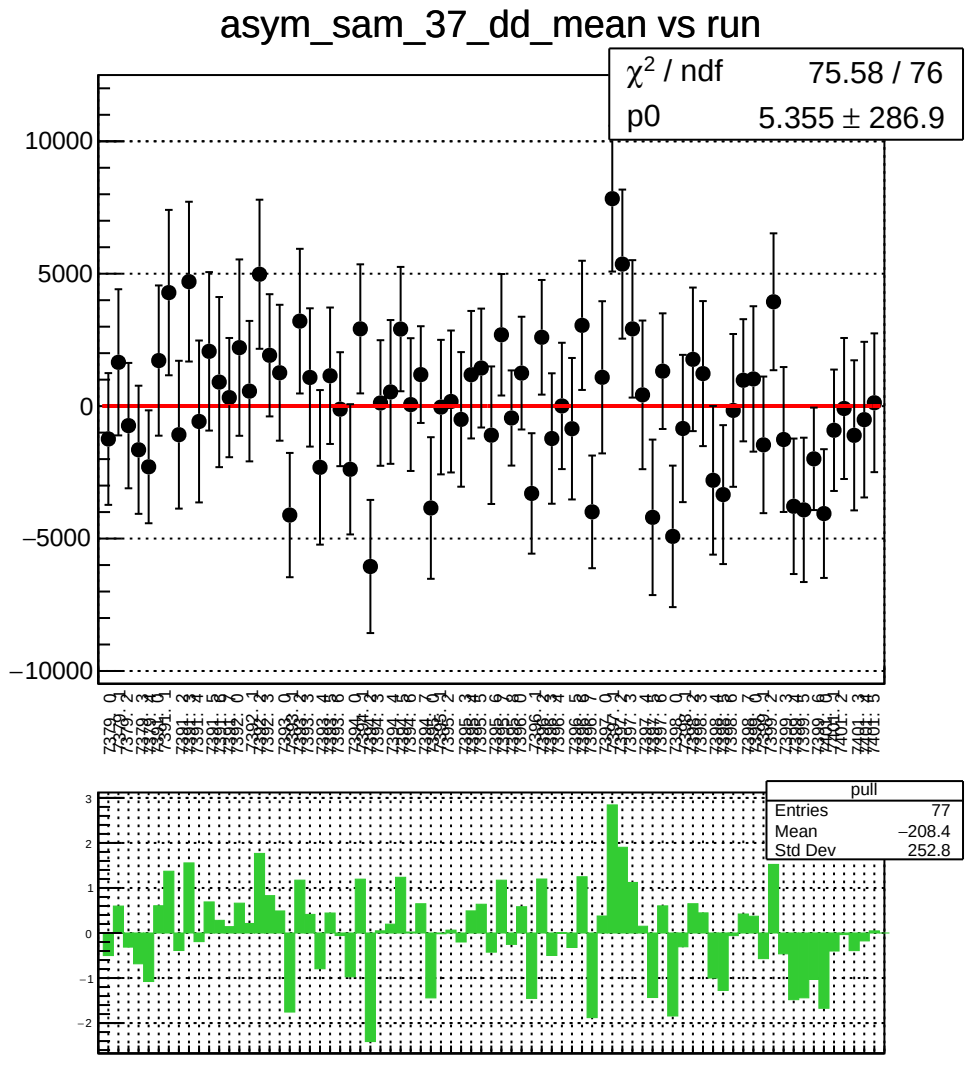

pull1D
Entries 77
Mean 0.01608
Std Dev 0.9037

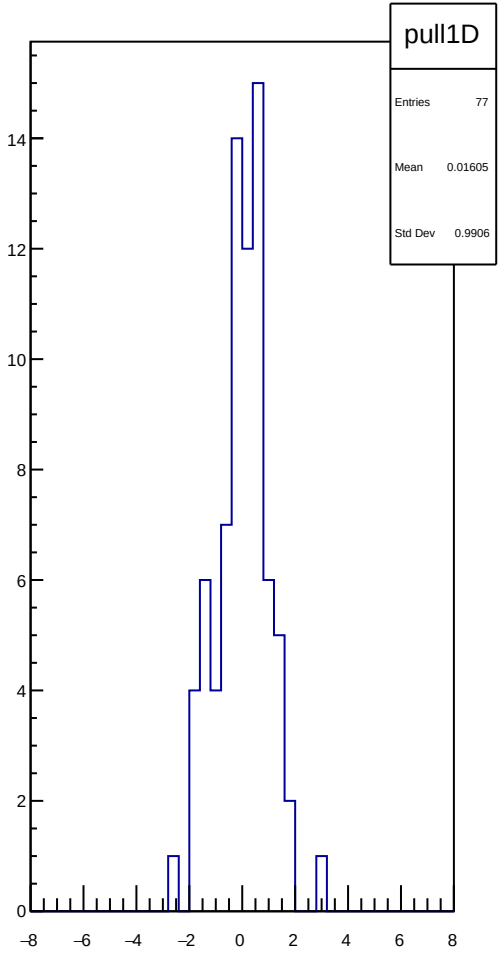

dit_asym_sam_37_dd_rms vs run
χ² / ndf 1.391e+04 / 76
p0 55.86 ± 0.04574
80
75
70
65
60
55
50
45

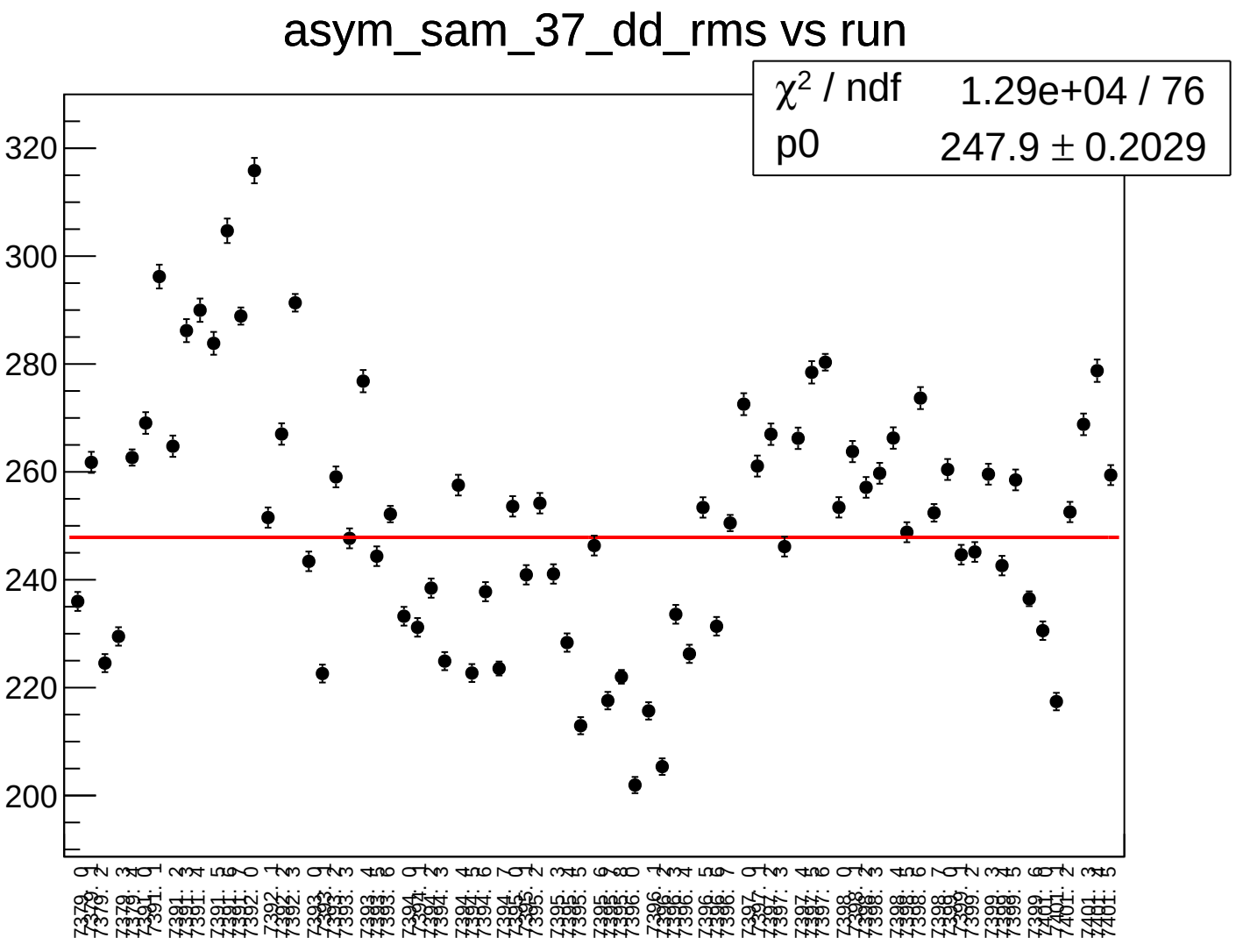

asym_sam_37_dd_correction_mean vs run
χ² / ndf 74.97 / 76
p0 −41.76 ± 282
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −1507
Std Dev 1551
2
1
0
−1
−2

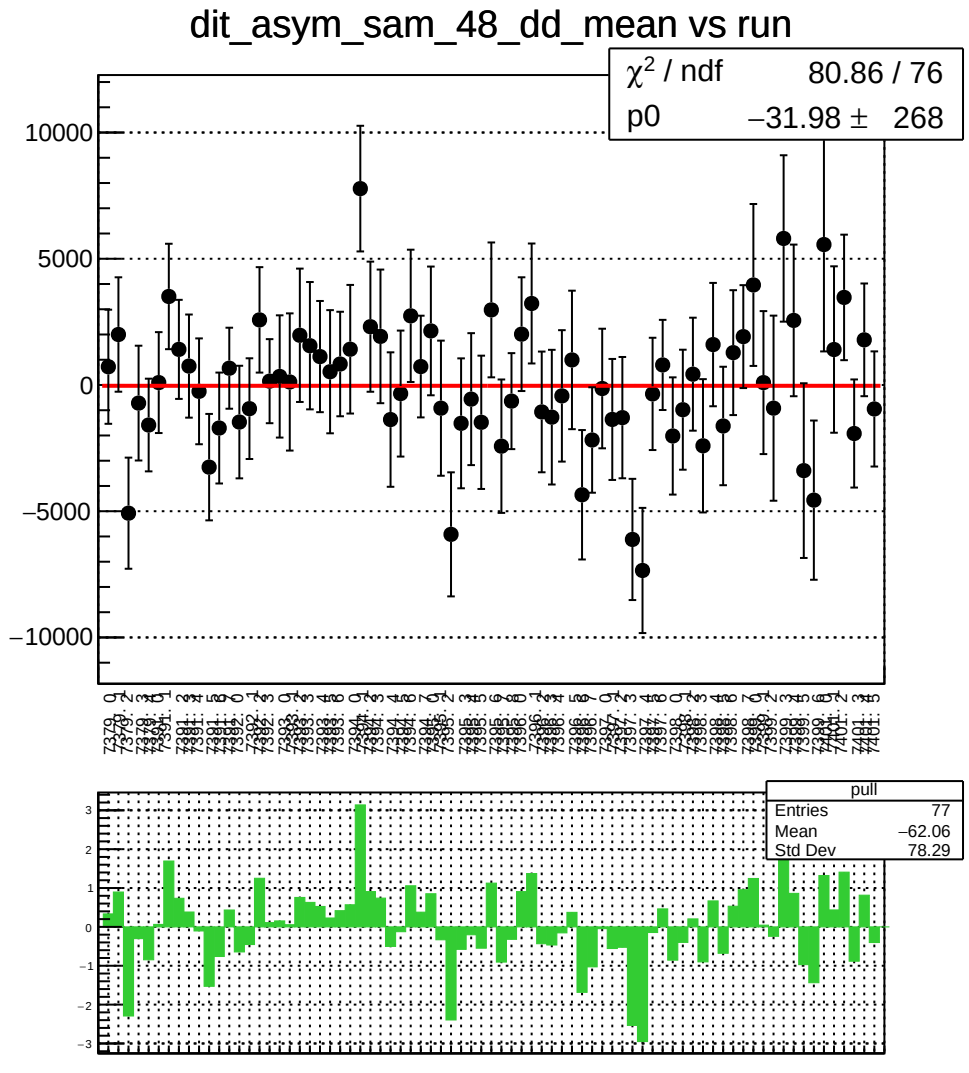

pull1D
Entries 77
Mean −0.002691
Std Dev 0.9867
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

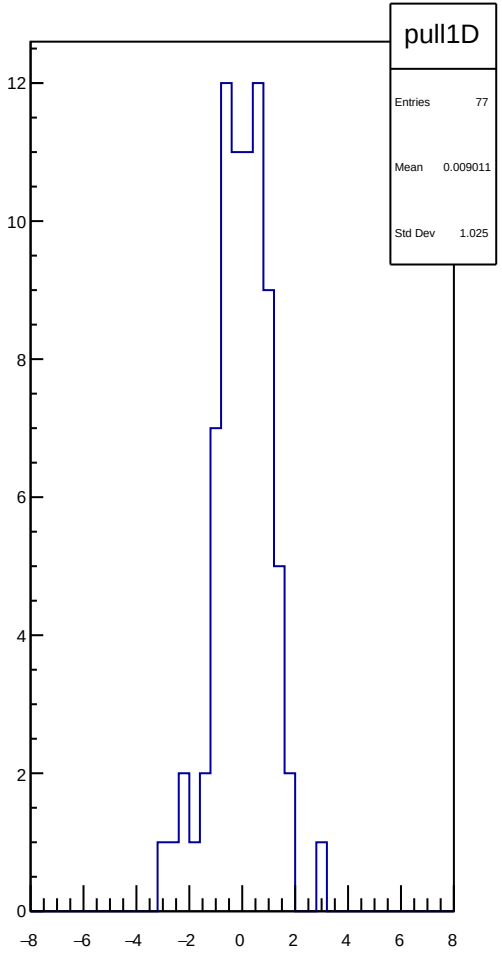

asym_sam_37_dd_correction_rms vs run
χ² / ndf 1715 / 76
p0 244.5 ± 0.1994
260
250
240
230
220

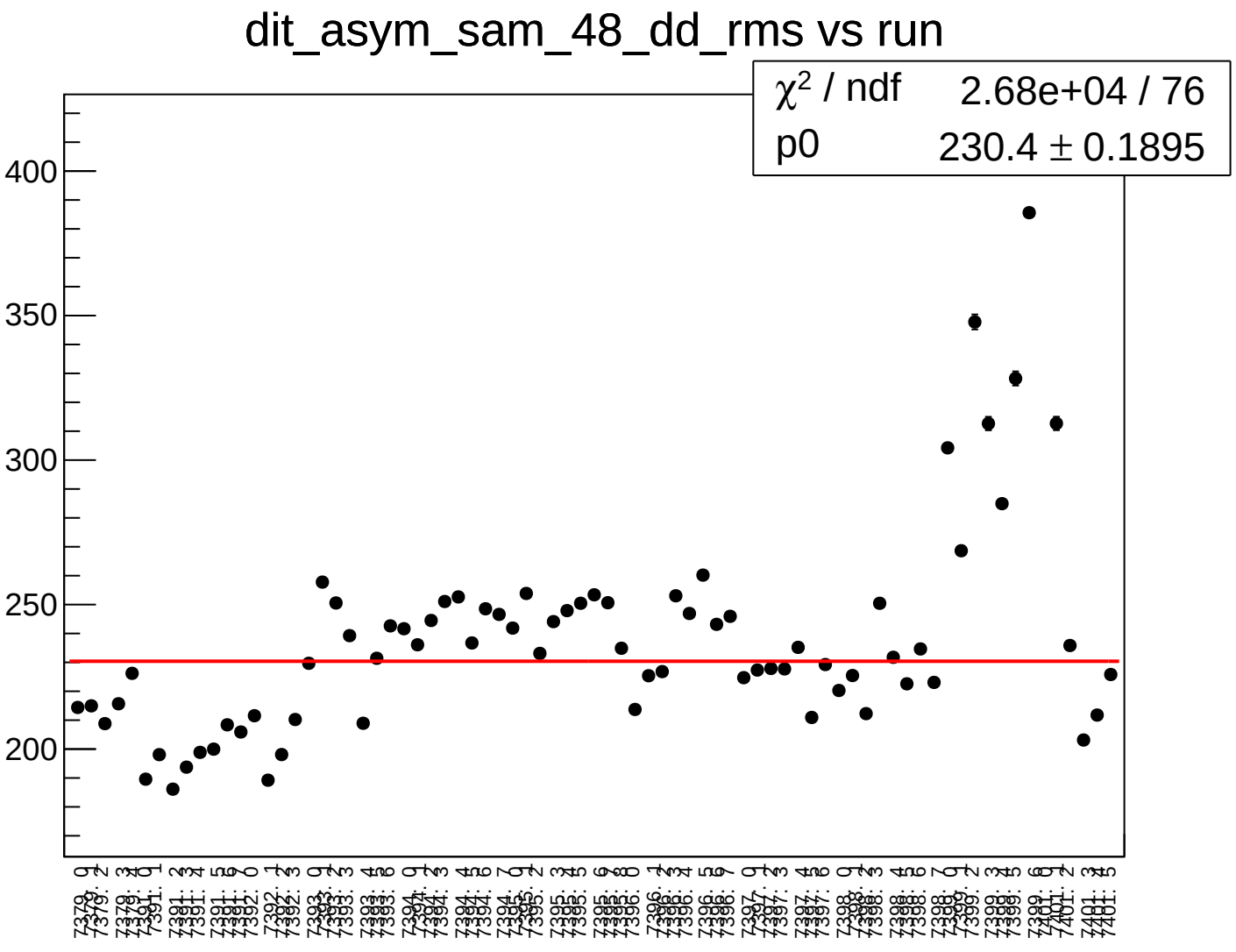

asym_sam_37_dd_mean vs run
χ^2 / ndf 75.58 / 76
p0 5.355 ± 286.9
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −208.4
Std Dev 252.8
3
2
1
0
−1
−2

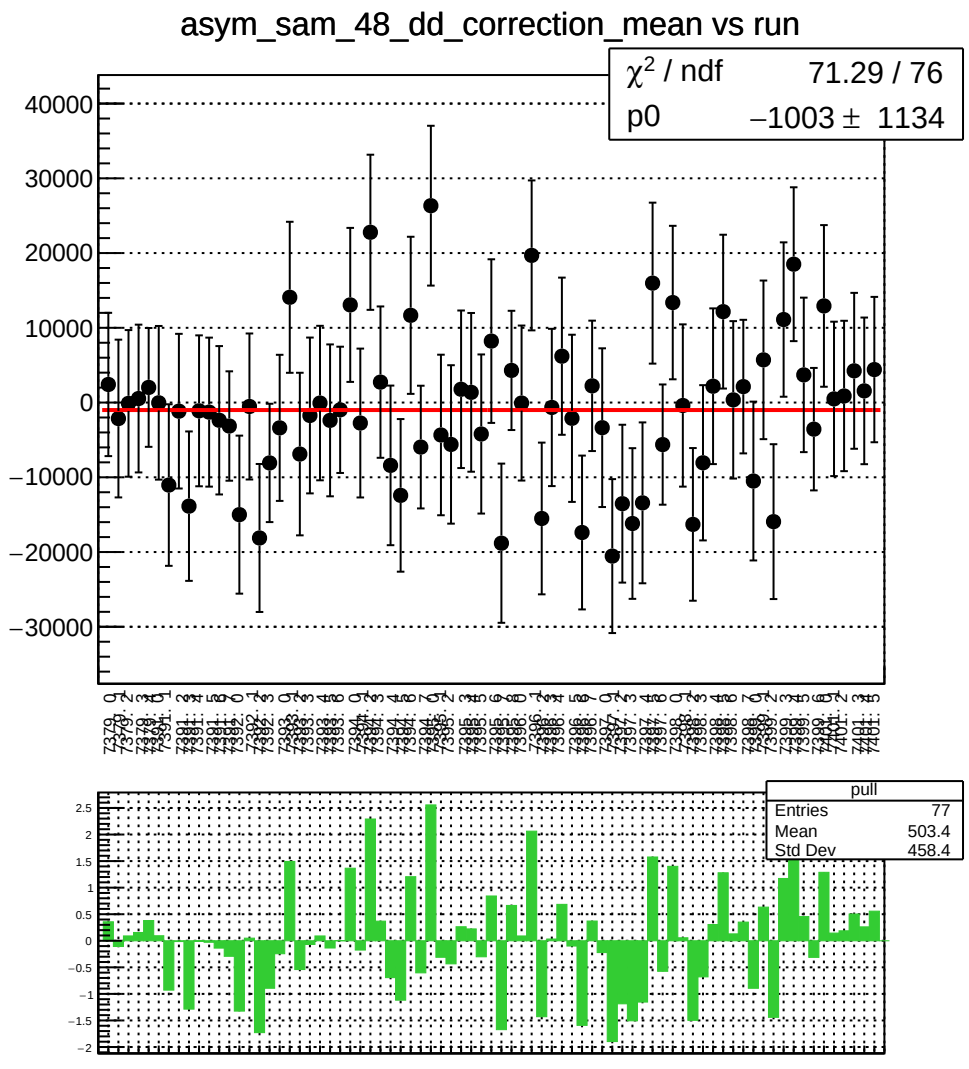

pull1D
Entries 77
Mean 0.01605
Std Dev 0.9906
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

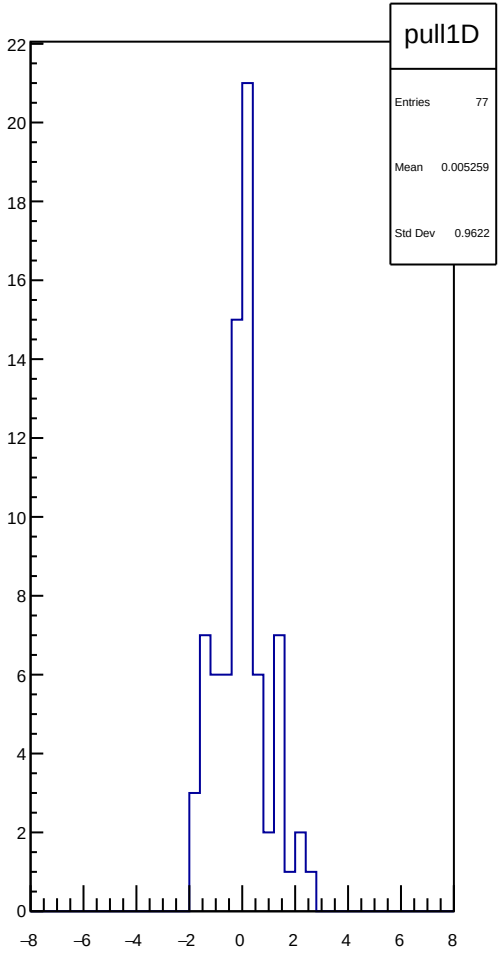

asym_sam_37_dd_rms vs run
χ² / ndf 1.29e+04 / 76
p0 247.9 ± 0.2029
320
300
280
260
240
220
200

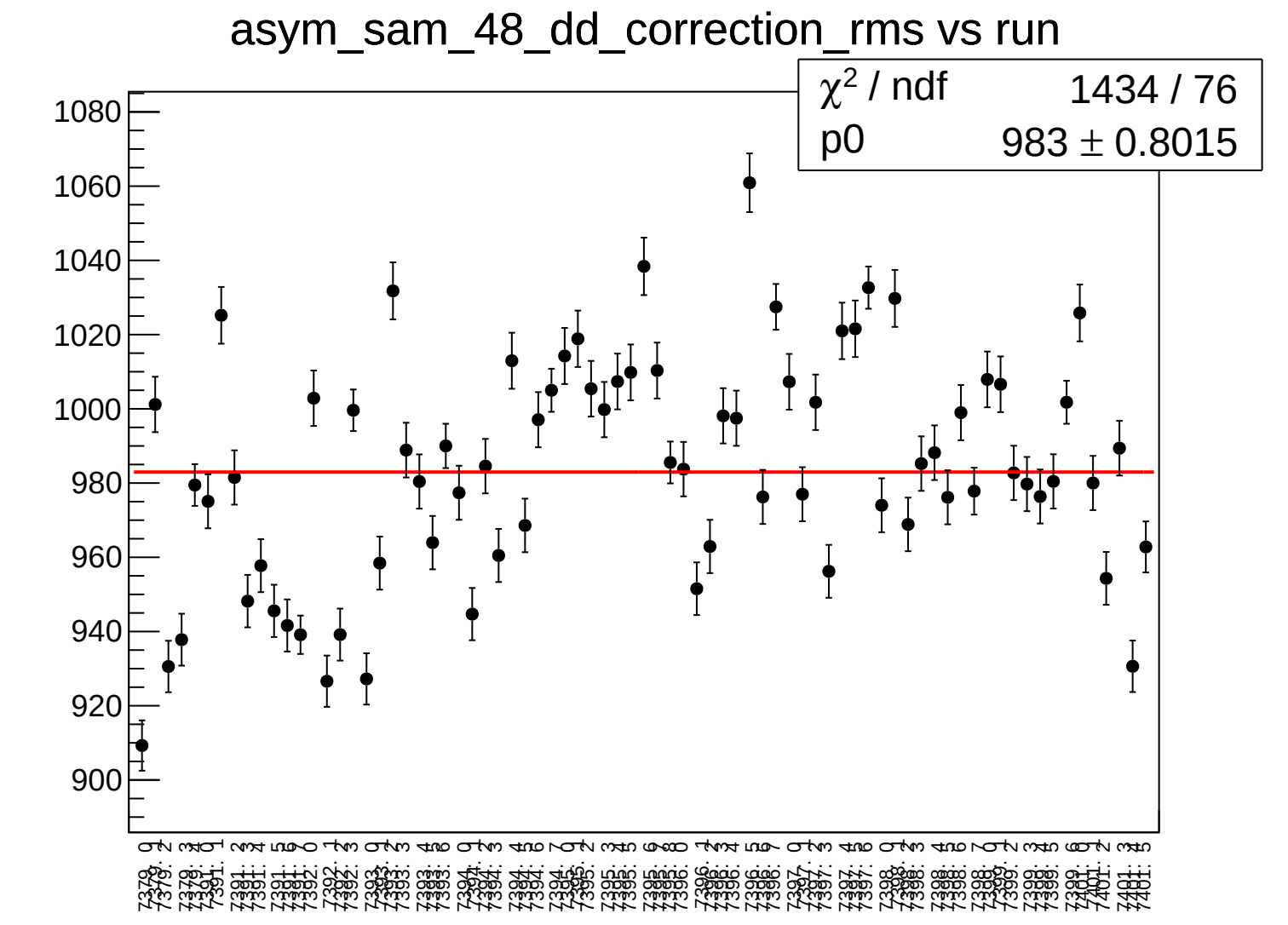

dit_asym_sam_48_dd_mean vs run
χ² / ndf 80.86 / 76
p0 −31.98 ± 268
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −62.06
Std Dev 78.29
3
2
1
0
−1
−2
−3

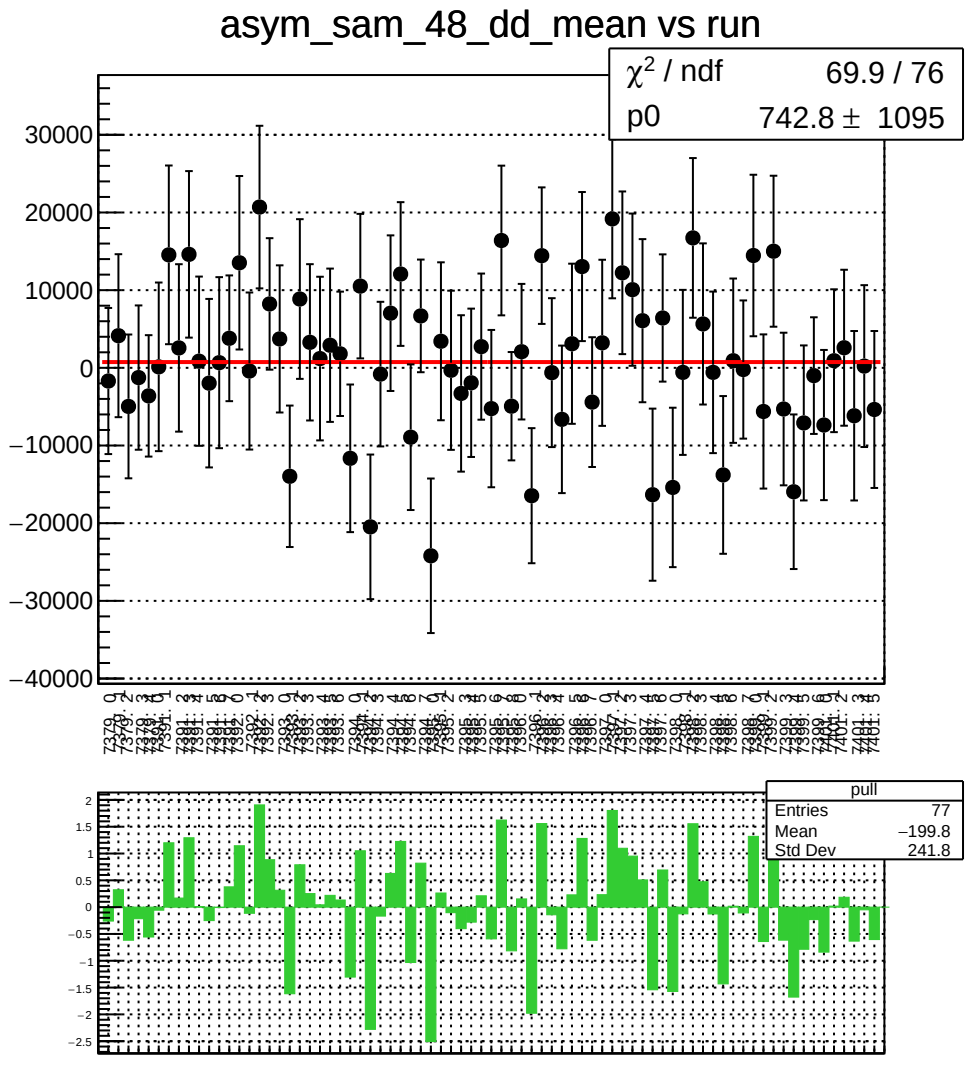

pull1D
Entries 77
Mean 0.009011
Std Dev 1.025
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

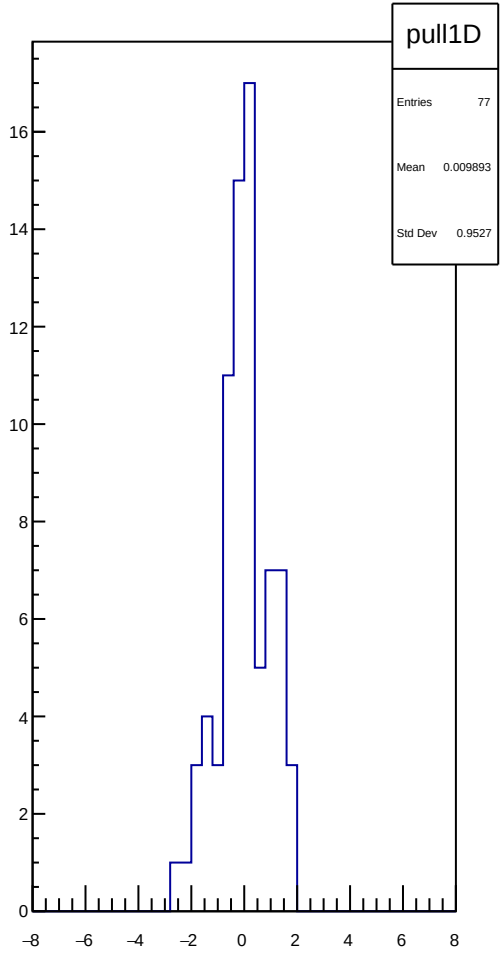

dit_asym_sam_48_dd_rms vs run
χ² / ndf 2.68e+04 / 76
p0 230.4 ± 0.1895
400
350
300
250
200

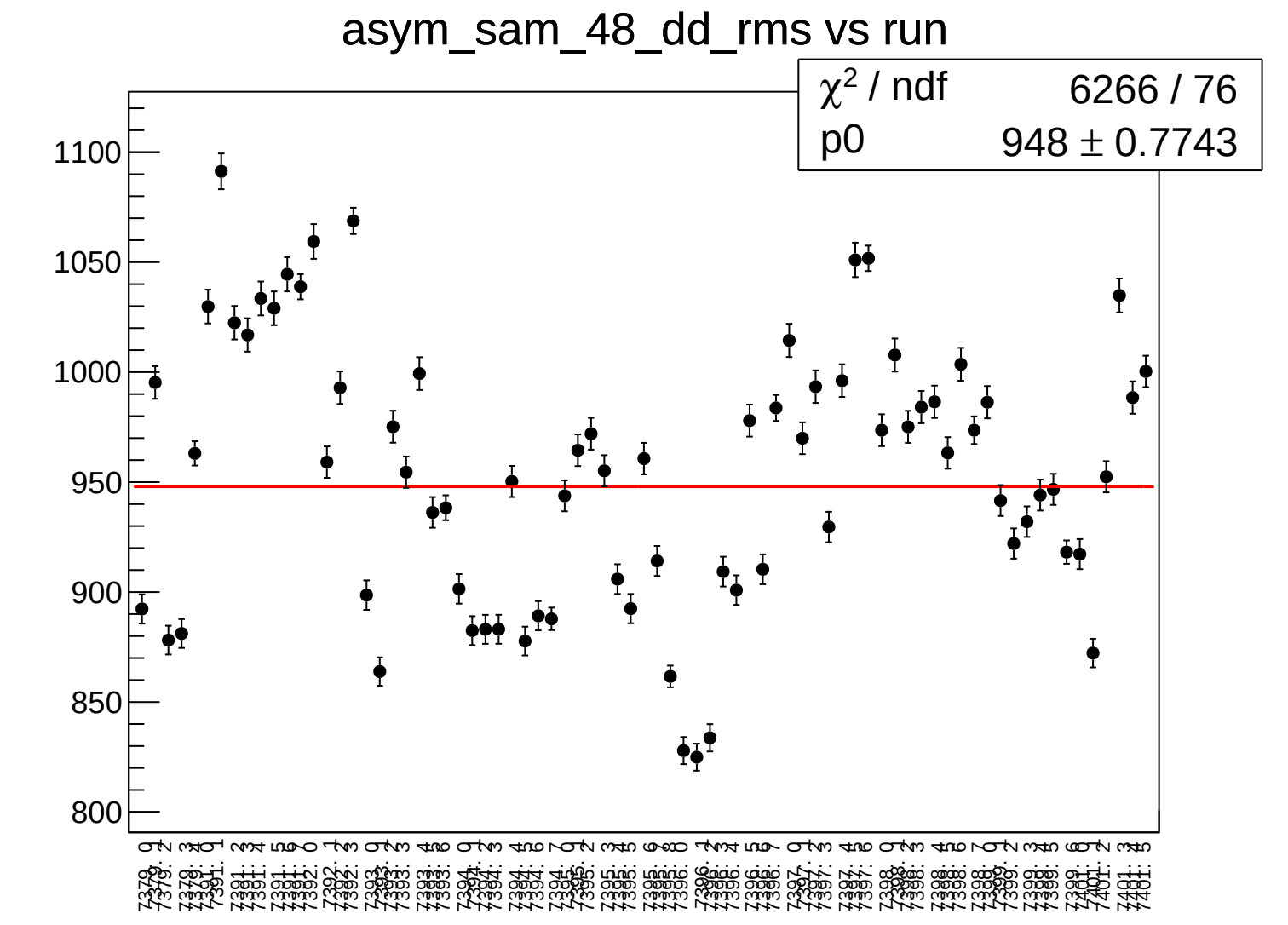

asym_sam_48_dd_correction_mean vs run
χ² / ndf 71.29 / 76
p0 −1003 ± 1134
pull
Entries 77
Mean 503.4
Std Dev 458.4

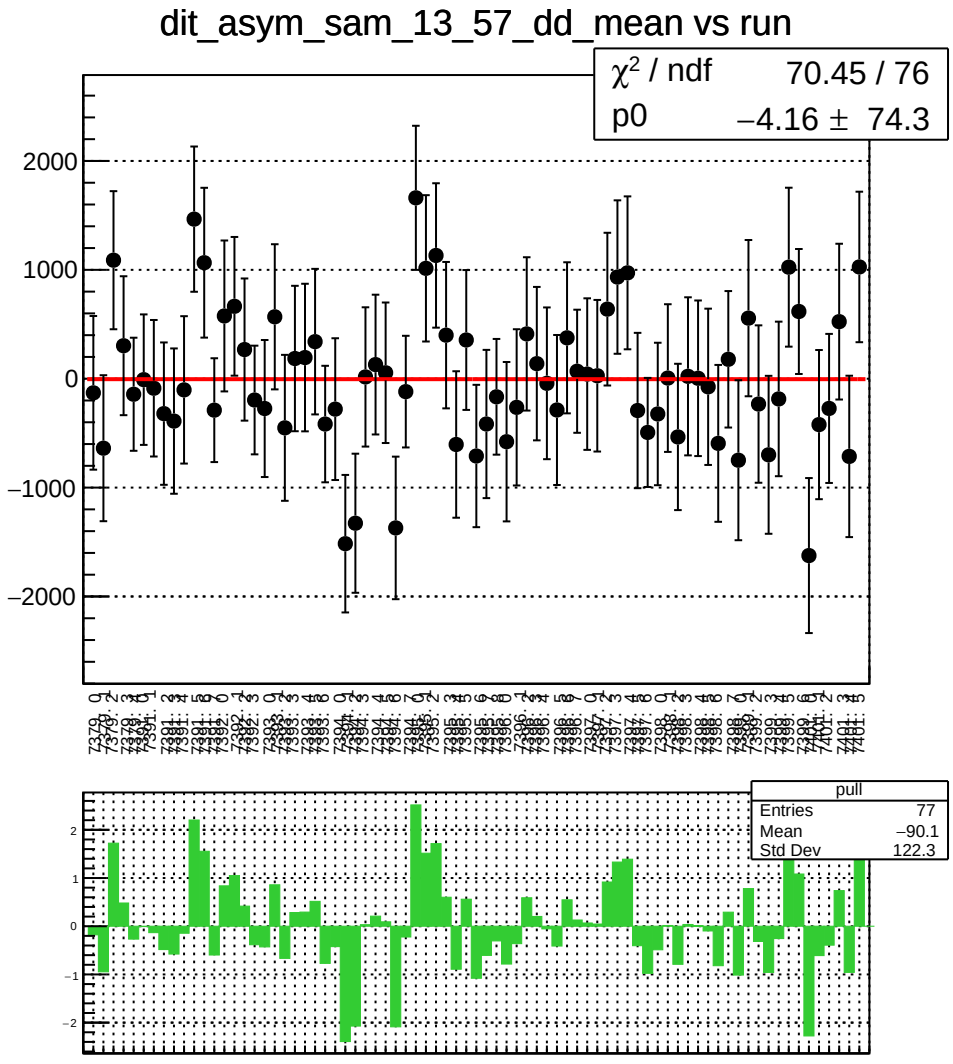

pull1D
Entries 77
Mean 0.005259
Std Dev 0.9622

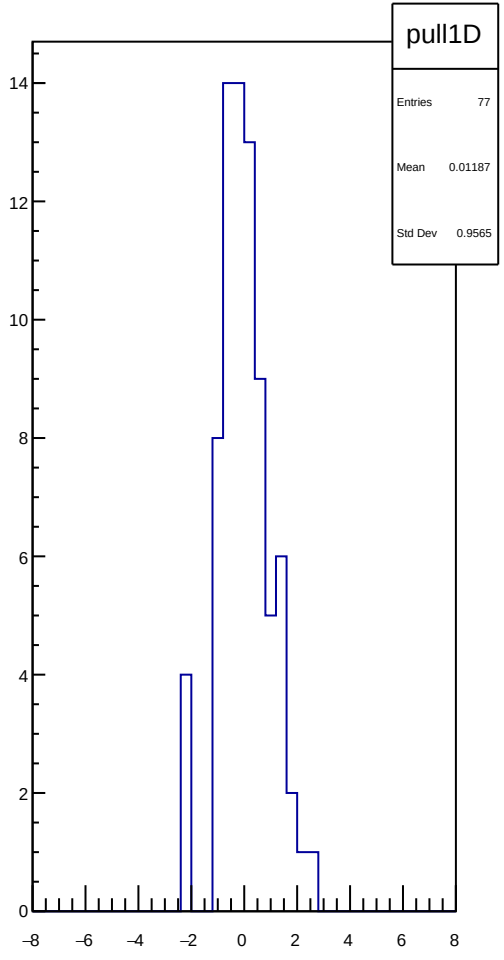

asym_sam_48_dd_correction_rms vs run
χ^2 / ndf 1434 / 76
p0 983 ± 0.8015
1080
1060
1040
1020
1000
980
960
940
920
900

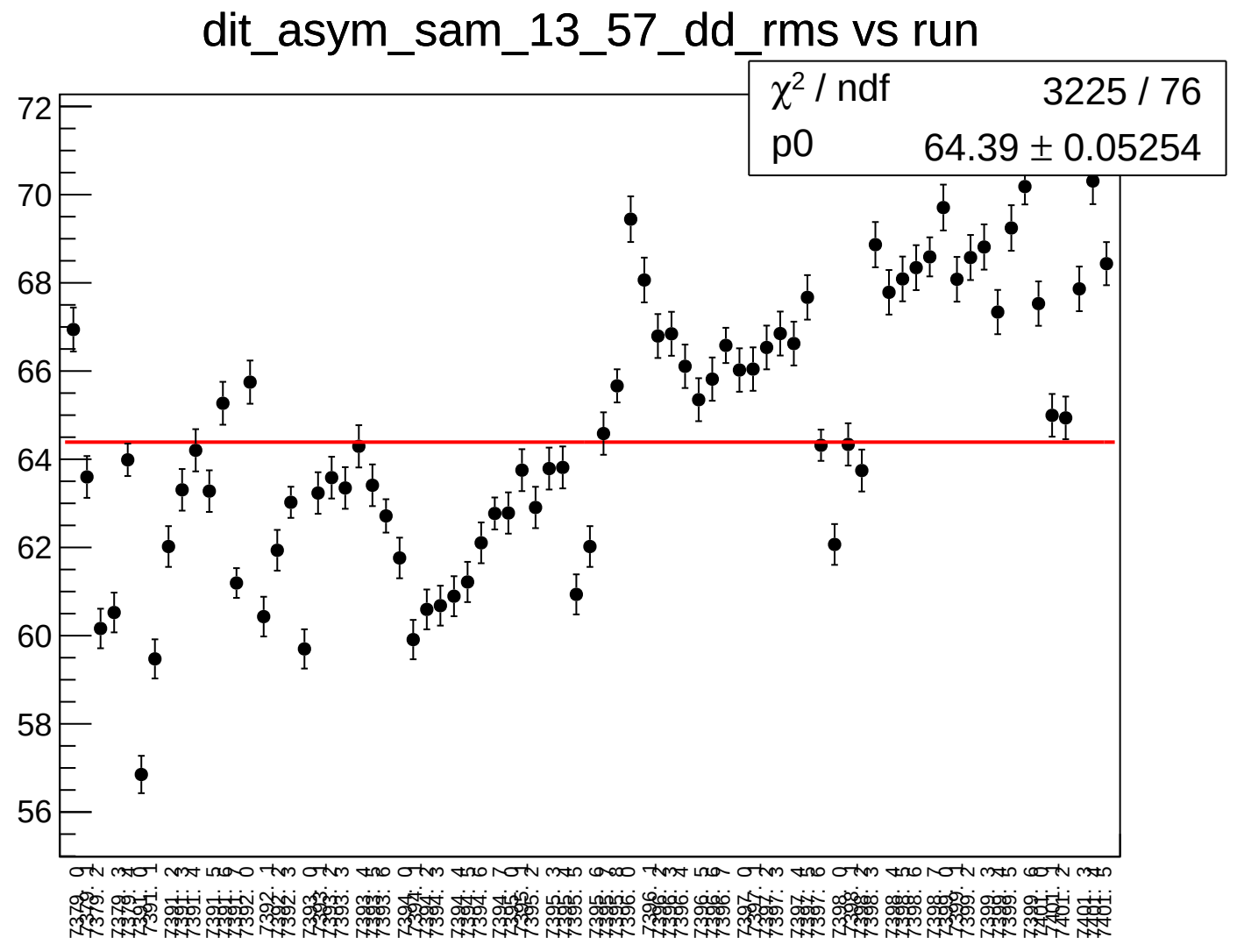

asym_sam_48_dd_mean vs run
χ² / ndf 69.9 / 76
p0 742.8 ± 1095
pull
Entries 77
Mean −199.8
Std Dev 241.8

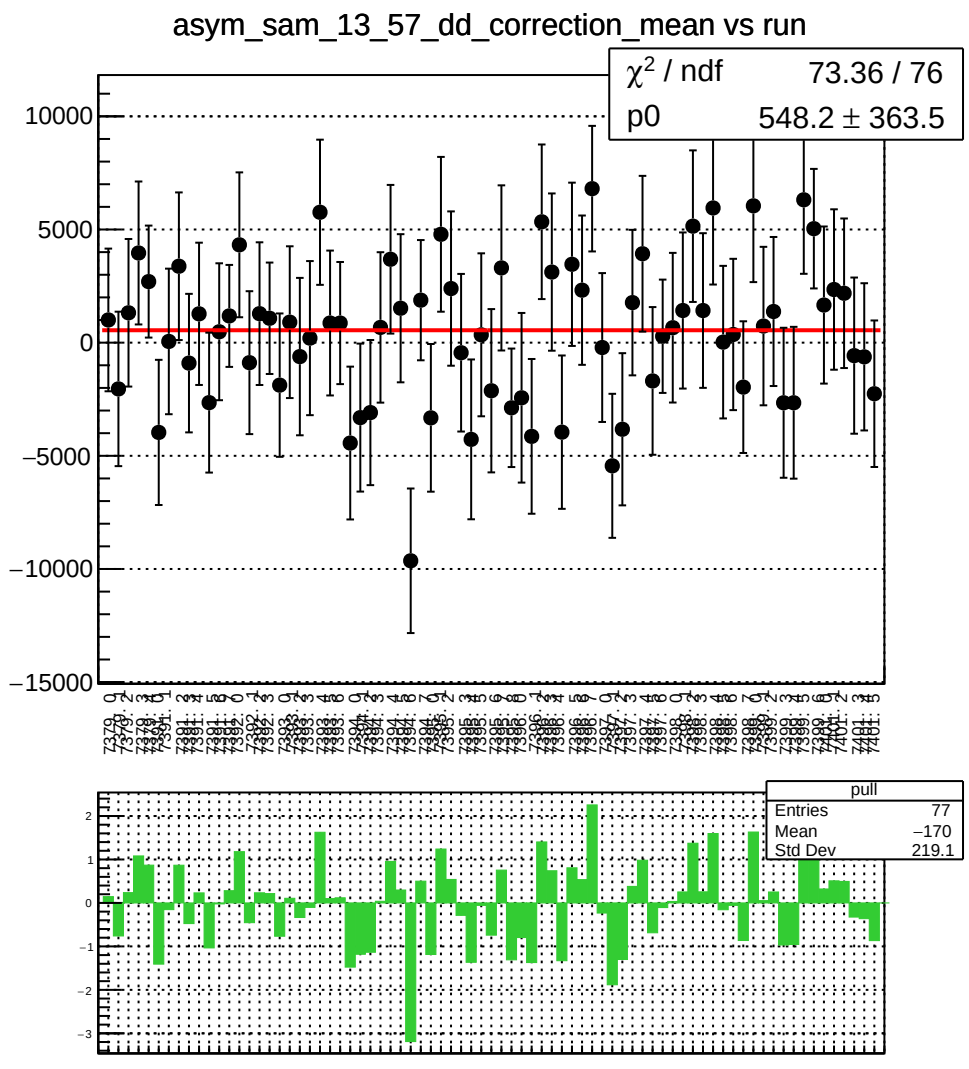

pull1D
Entries 77
Mean 0.009893
Std Dev 0.9527

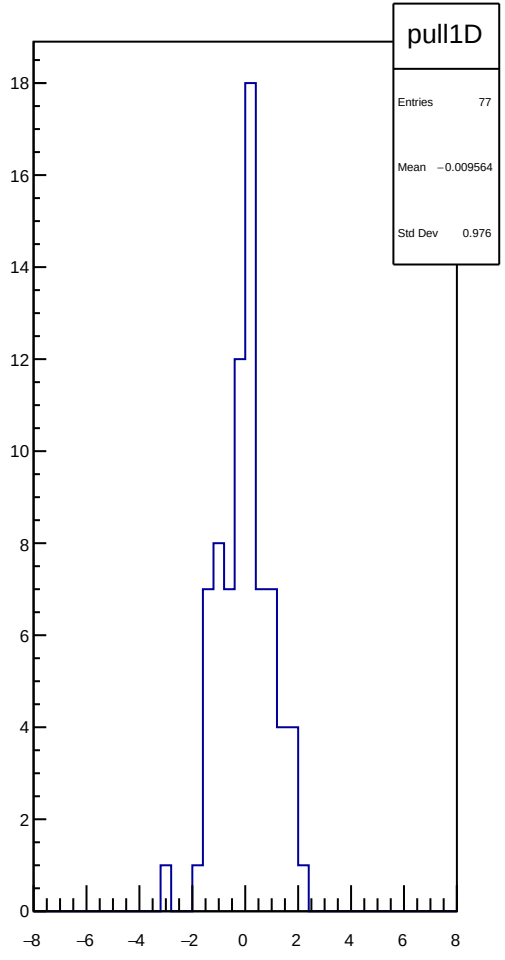

asym_sam_48_dd_rms vs run
χ² / ndf 6266 / 76
p0 948 ± 0.7743
1100
1050
1000
950
900
850
800

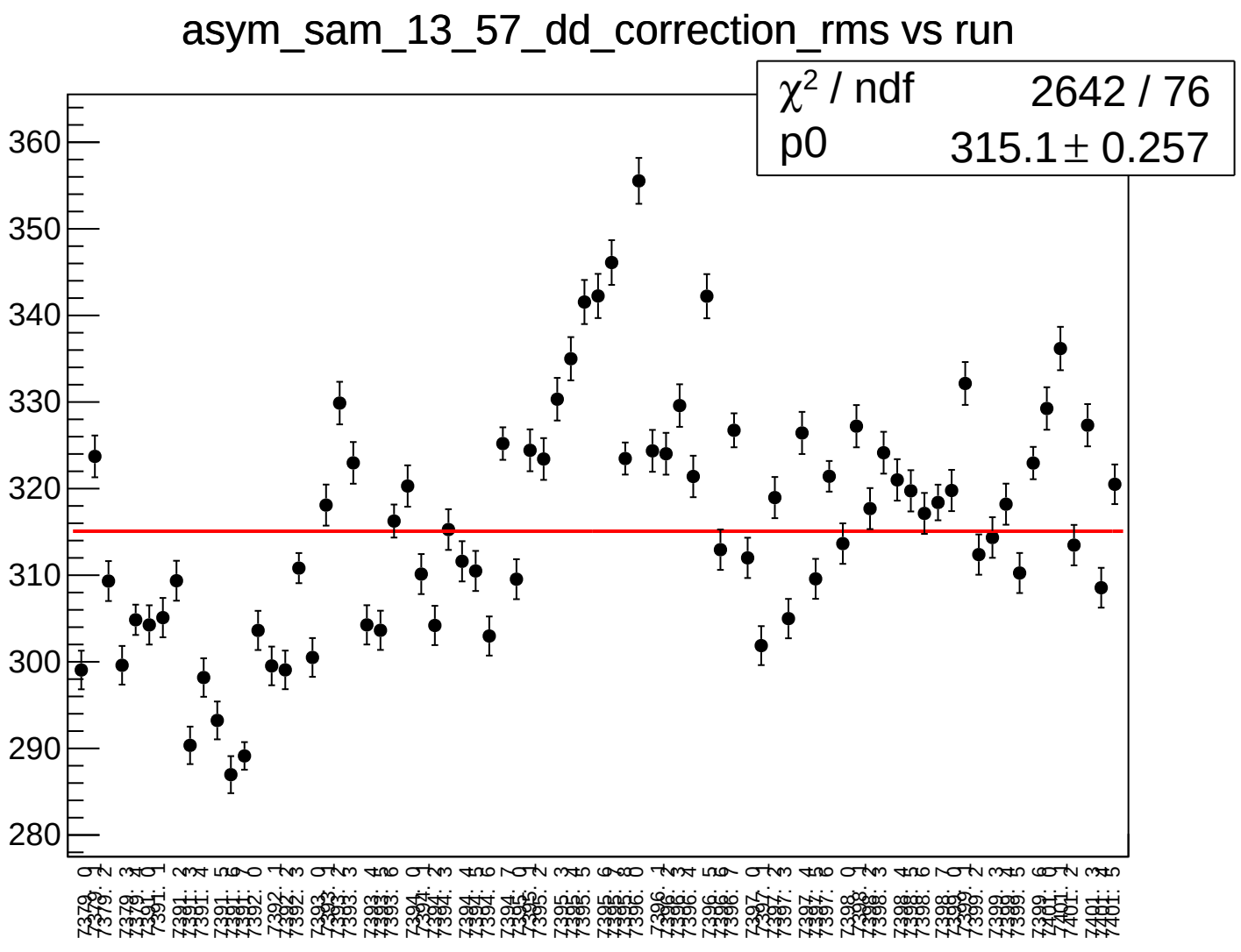

dit_asym_sam_13_57_dd_mean vs run
χ² / ndf 70.45 / 76
p0 −4.16 ± 74.3
2000
1000
0
−1000
−2000
pull
Entries 77
Mean −90.1
Std Dev 122.3
2
1
0
−1
−2

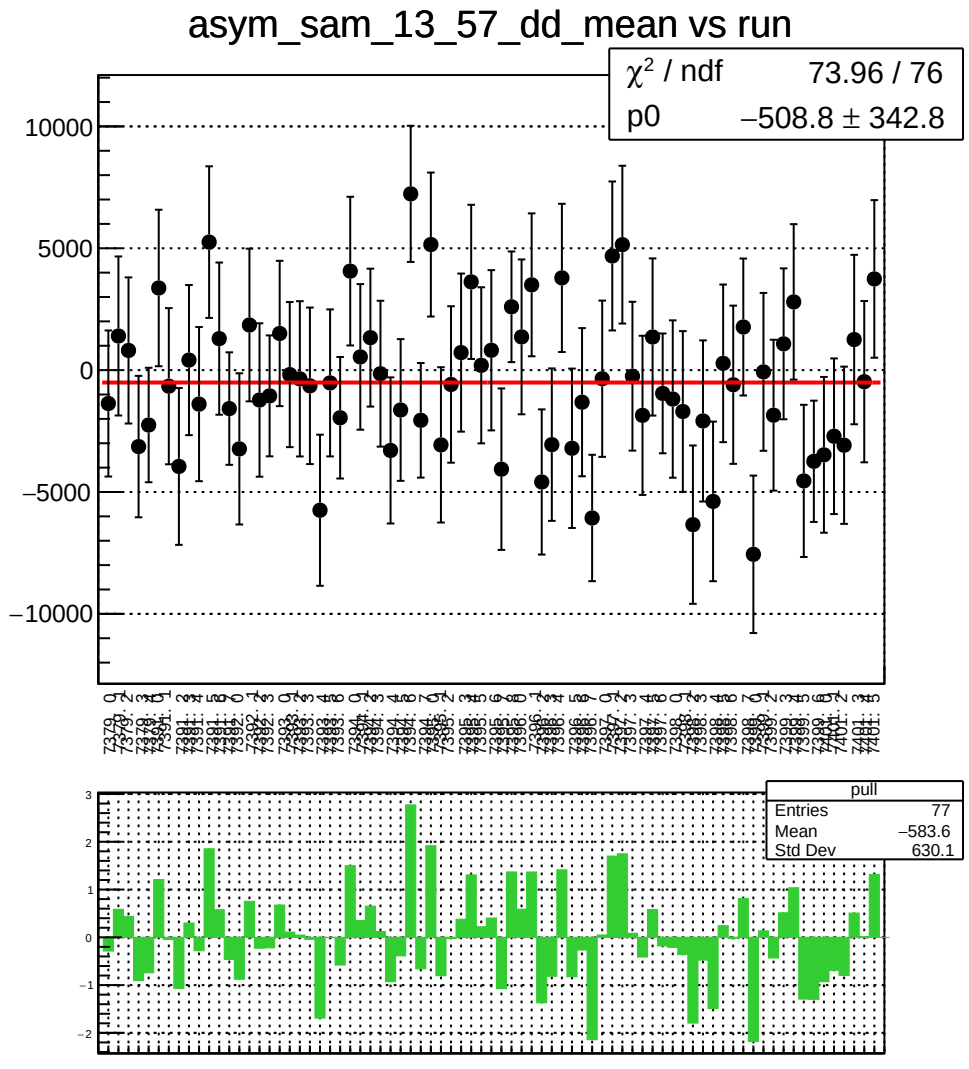

pull1D
Entries 77
Mean 0.01187
Std Dev 0.9565
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

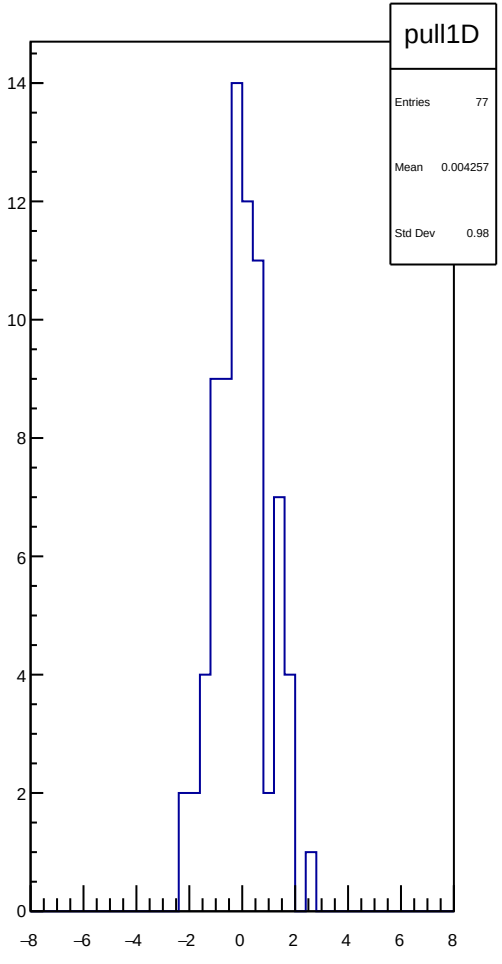

dit_asym_sam_13_57_dd_rms vs run
χ² / ndf 3225 / 76
p0 64.39 ± 0.05254
72
70
68
66
64
62
60
58
56

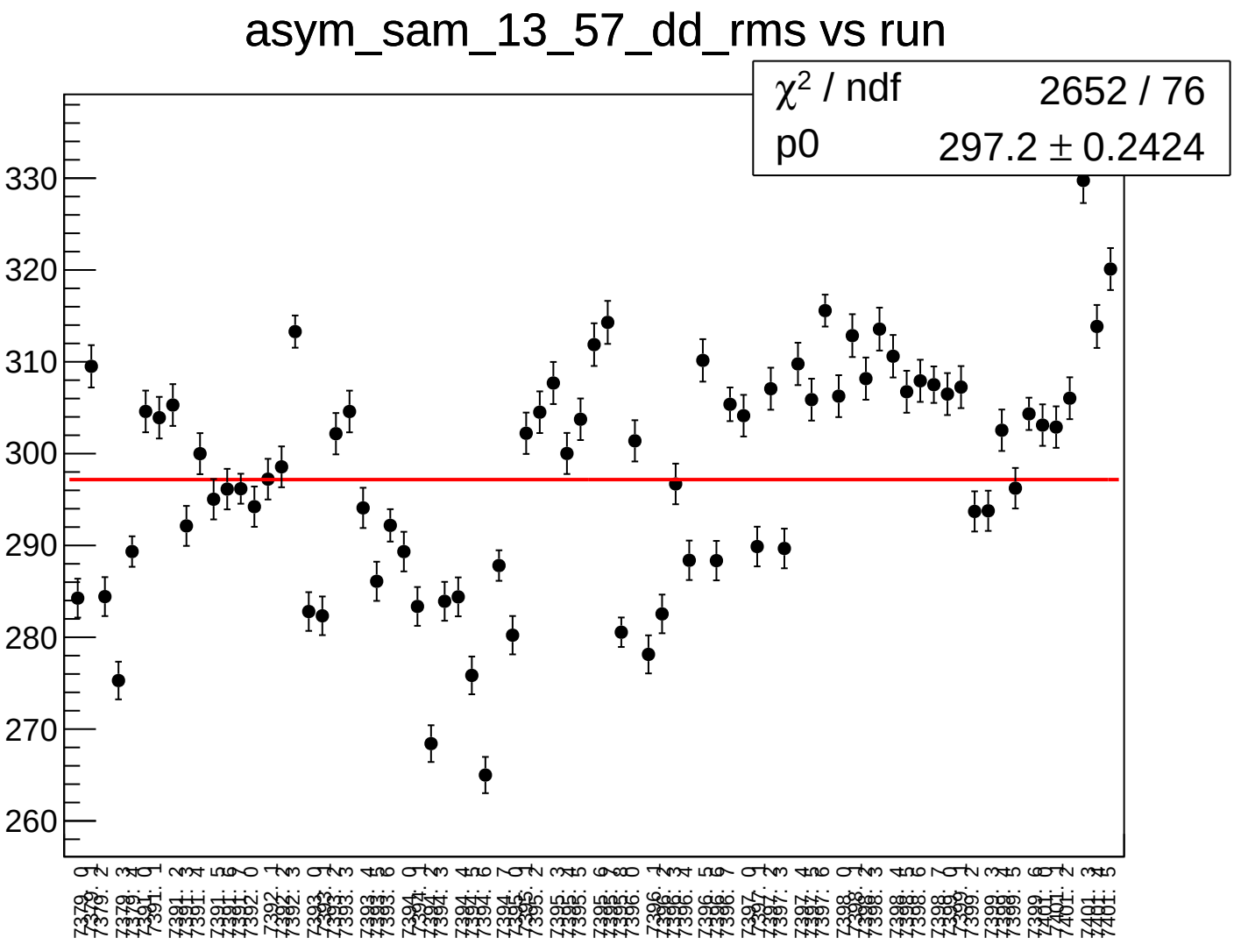

asym_sam_13_57_dd_correction_mean vs run
χ^2 / ndf 73.36 / 76
p0 548.2 ± 363.5
10000
5000
0
−5000
−10000
−15000
pull
Entries 77
Mean −170
Std Dev 219.1
2
1
0
−1
−2
−3

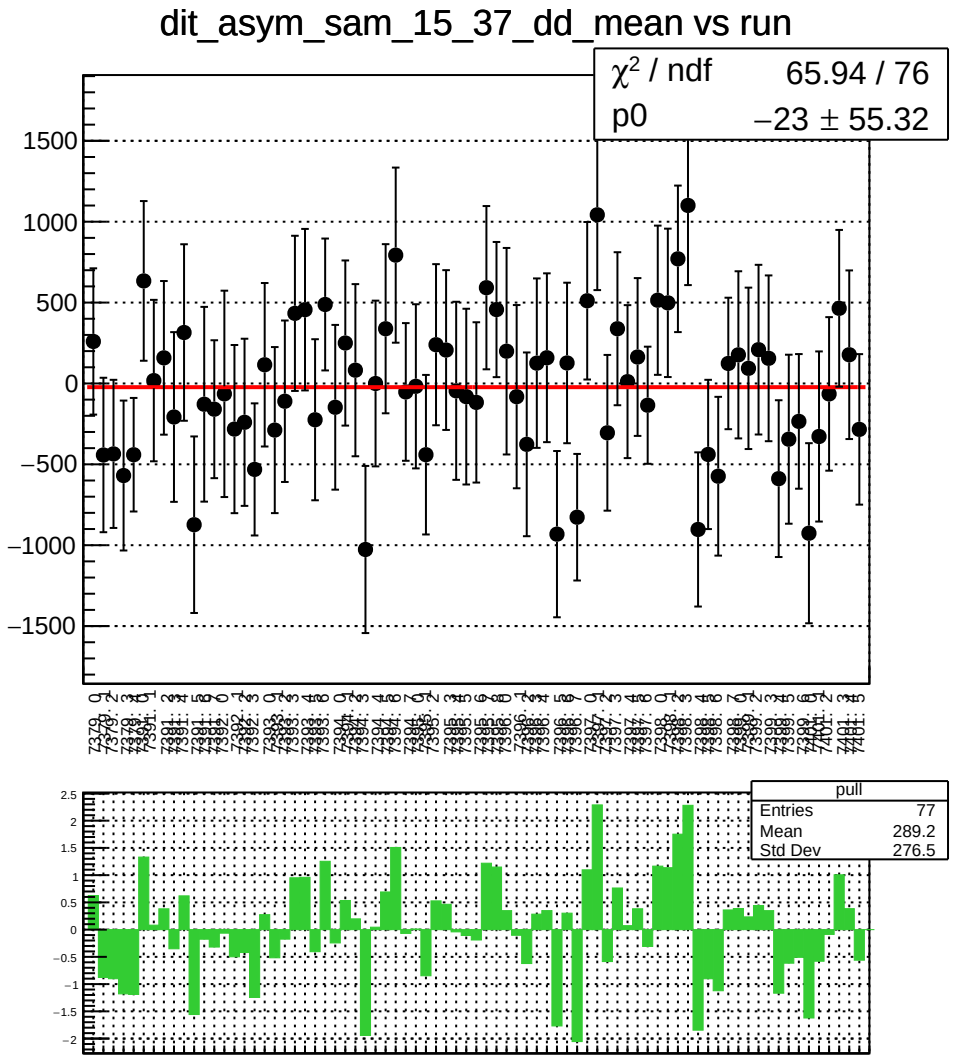

pull1D
Entries 77
Mean −0.009564
Std Dev 0.976
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

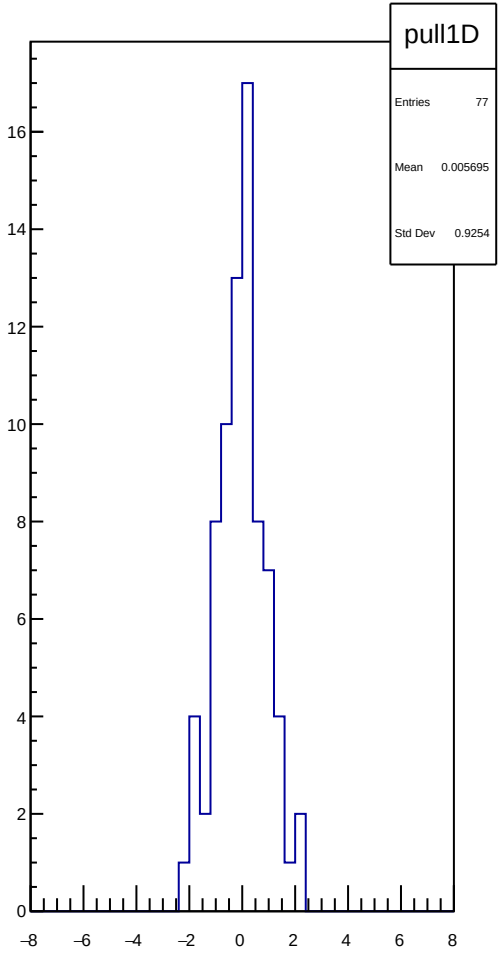

asym_sam_13_57_dd_correction_rms vs run
χ^2 / ndf 2642 / 76
p0 315.1 ± 0.257
360
350
340
330
320
310
300
290
280

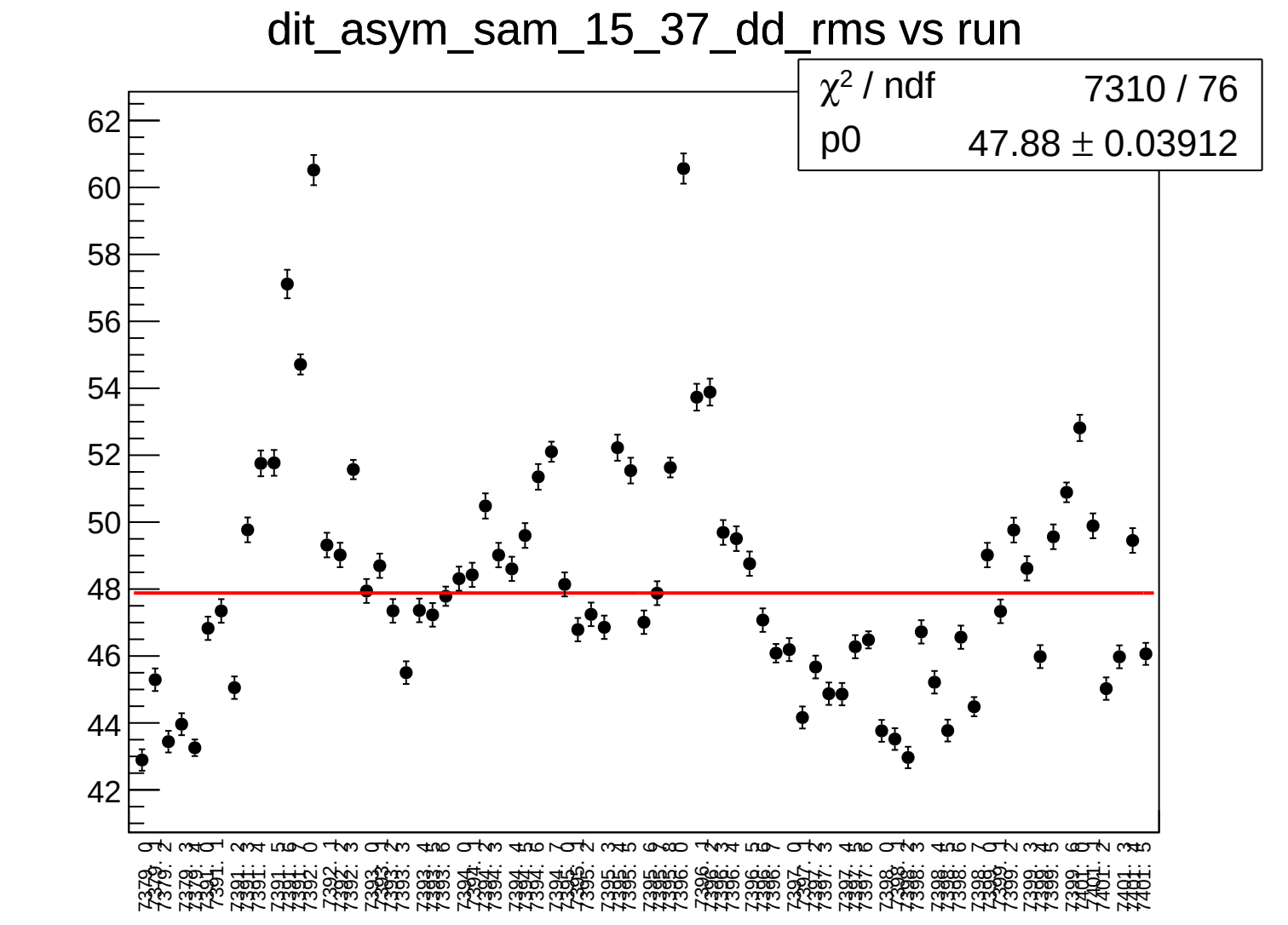

asym_sam_13_57_dd_mean vs run
χ² / ndf 73.96 / 76
p0 −508.8 ± 342.8
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −583.6
Std Dev 630.1
3
2
1
0
−1
−2

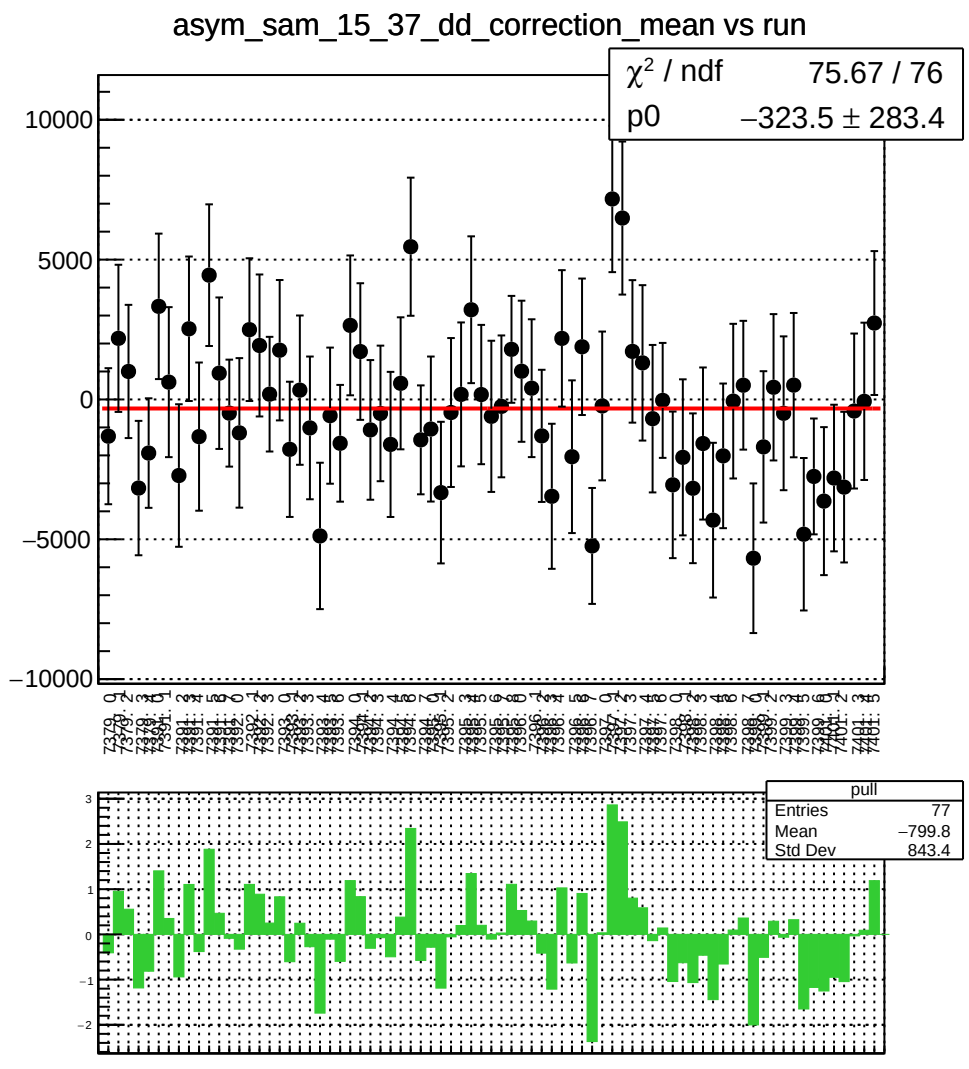

pull1D
Entries 77
Mean 0.004257
Std Dev 0.98
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

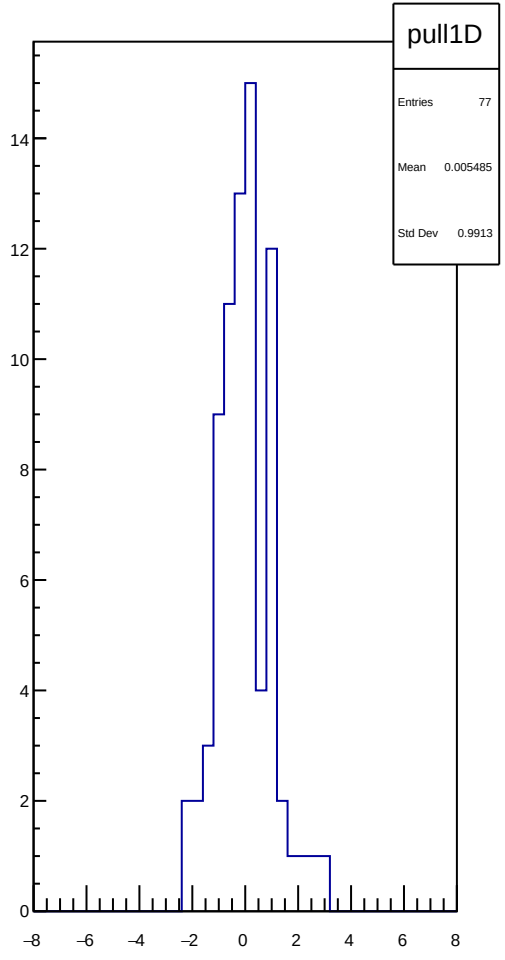

asym_sam_13_57_dd_rms vs run
χ² / ndf 2652 / 76
p0 297.2 ± 0.2424
330
320
310
300
290
280
270
260

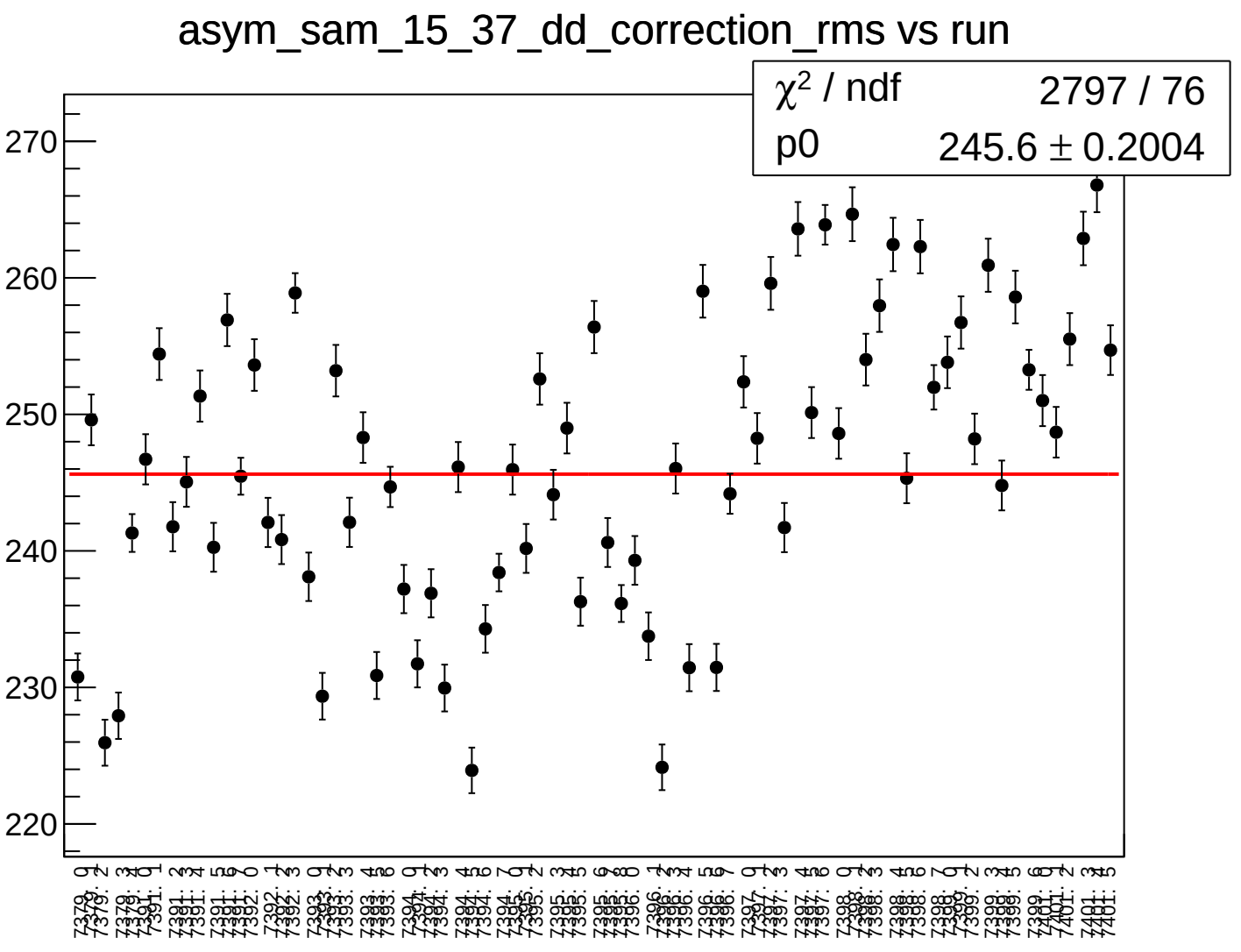

dit_asym_sam_15_37_dd_mean vs run
χ² / ndf 65.94 / 76
p0 −23 ± 55.32
pull
Entries 77
Mean 289.2
Std Dev 276.5

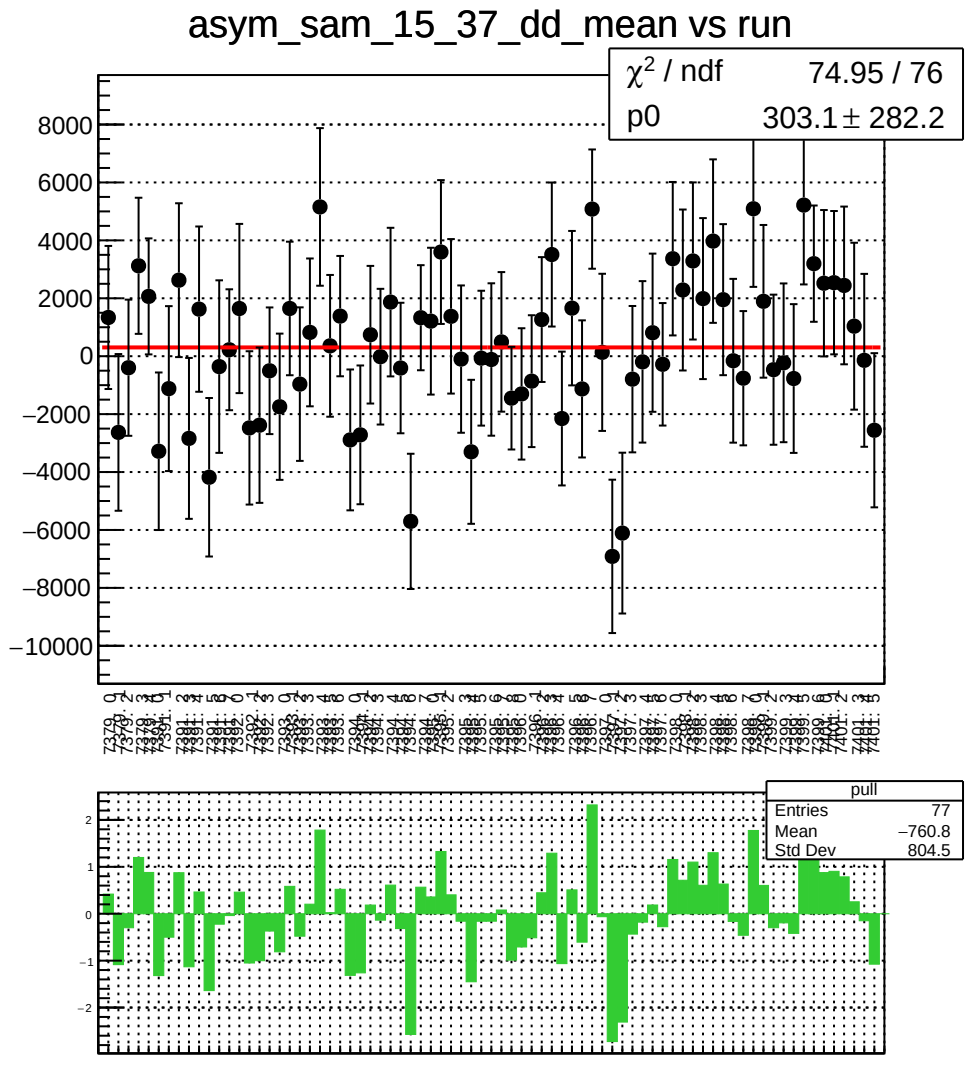

pull1D
Entries 77
Mean 0.005695
Std Dev 0.9254

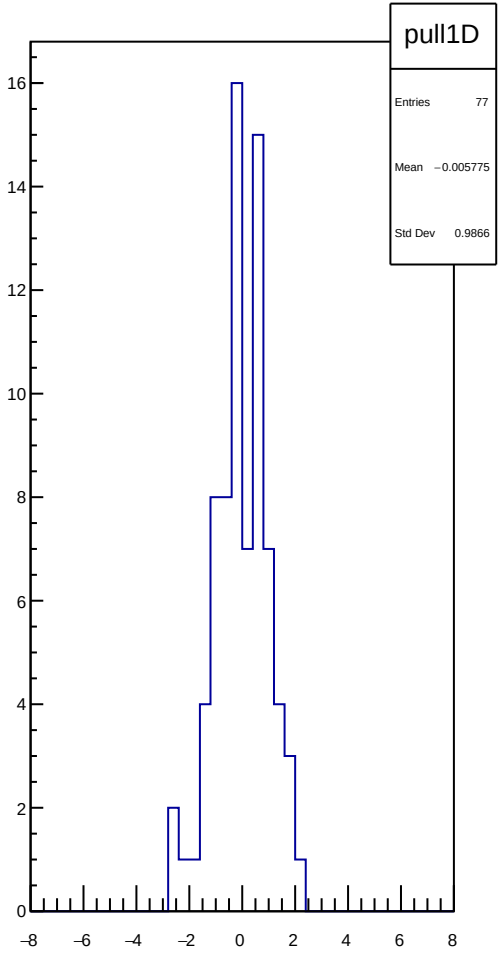

dit_asym_sam_15_37_dd_rms vs run
χ² / ndf 7310 / 76
p0 47.88 ± 0.03912
62
60
58
56
54
52
50
48
46
44
42

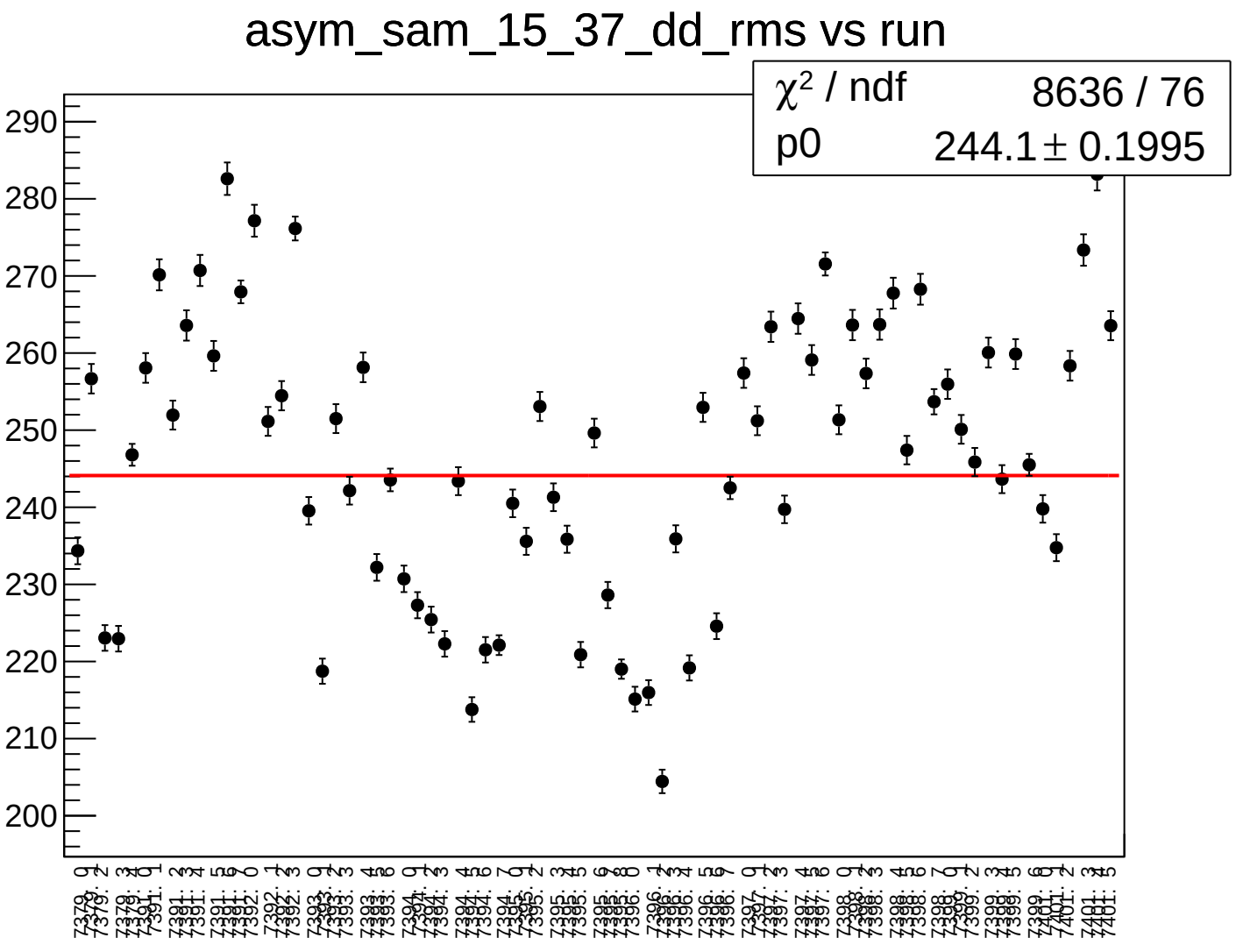

asym_sam_15_37_dd_correction_mean vs run
χ² / ndf 75.67 / 76
p0 −323.5 ± 283.4
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −799.8
Std Dev 843.4
3
2
1
0
−1
−2

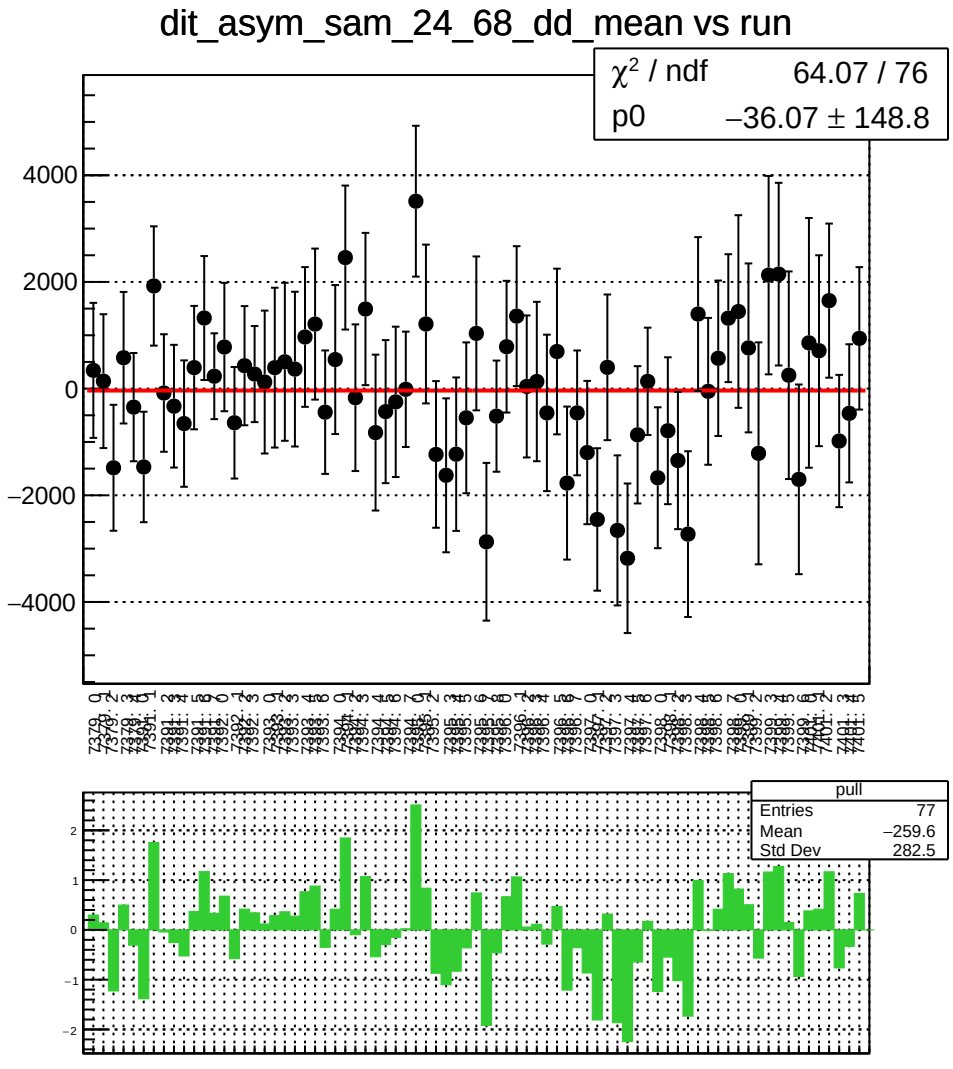

pull1D
Entries 77
Mean 0.005485
Std Dev 0.9913
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

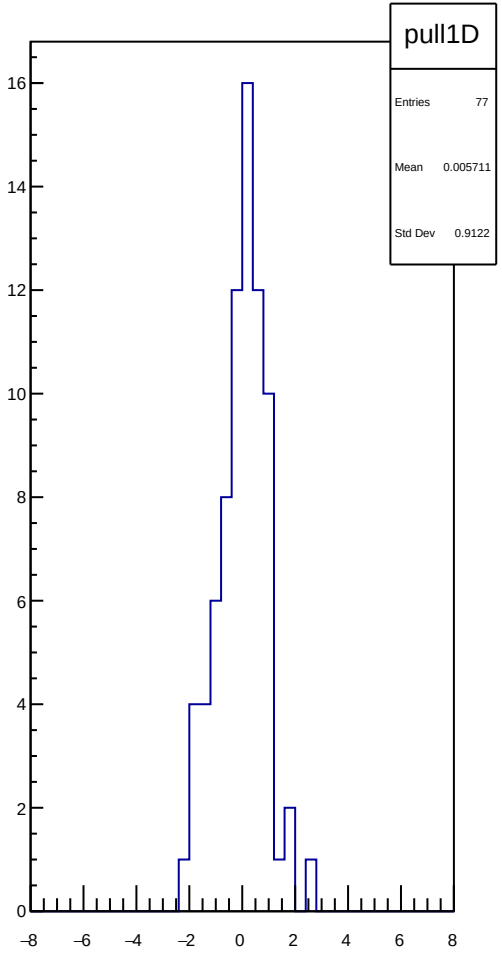

asym_sam_15_37_dd_correction_rms vs run
χ² / ndf 2797 / 76
p0 245.6 ± 0.2004
270
260
250
240
230
220

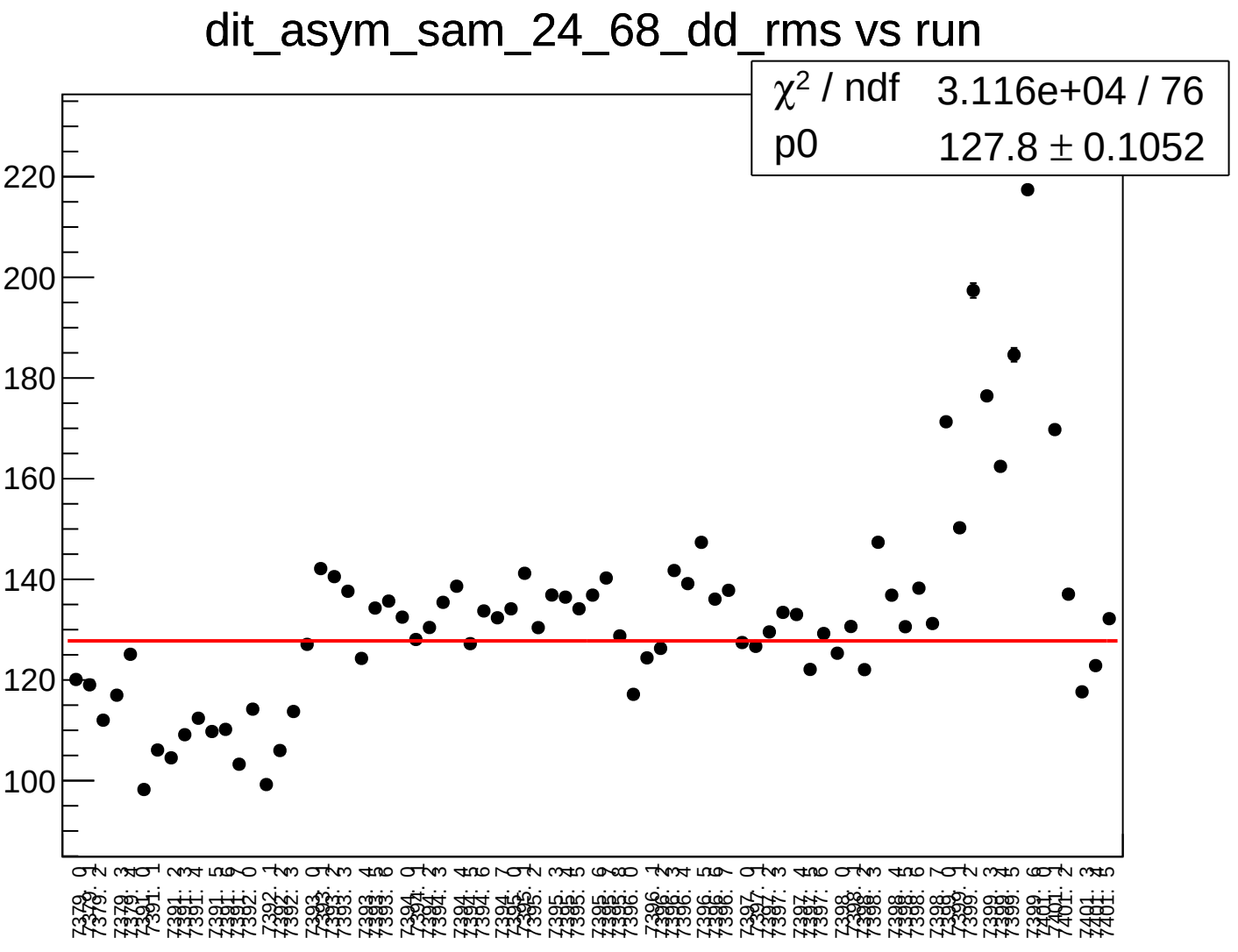

asym_sam_15_37_dd_mean vs run
χ² / ndf 74.95 / 76
p0 303.1 ± 282.2
pull
Entries 77
Mean −760.8
Std Dev 804.5

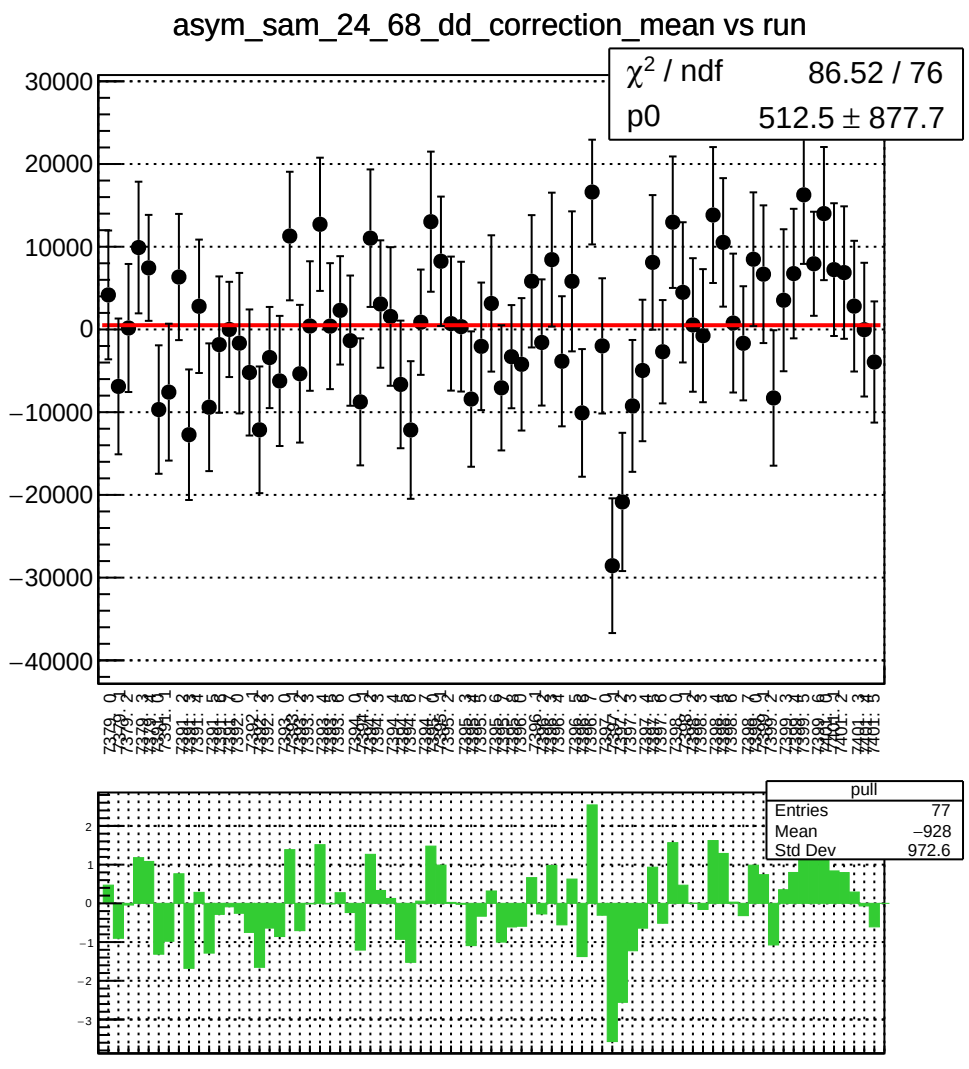

pull1D
Entries 77
Mean −0.005775
Std Dev 0.9866

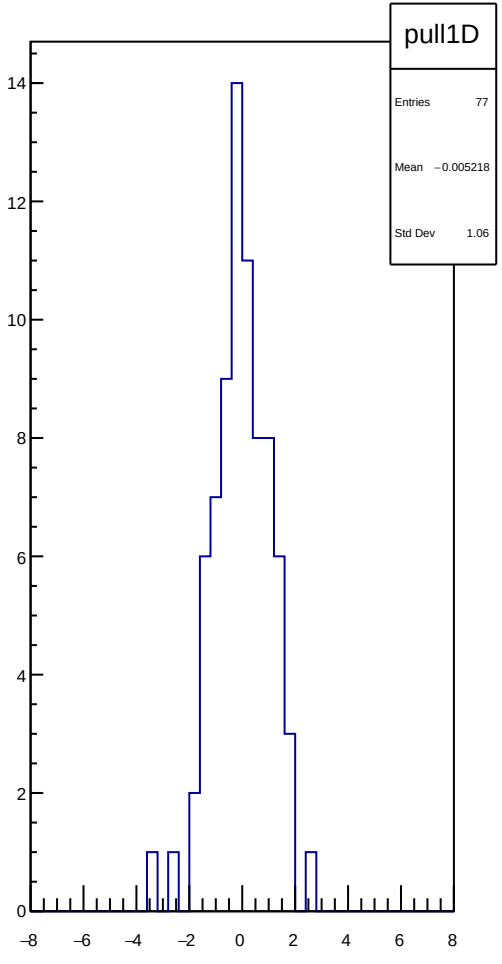

asym_sam_15_37_dd_rms vs run
χ² / ndf 8636 / 76
p0 244.1 ± 0.1995
290
280
270
260
250
240
230
220
210
200

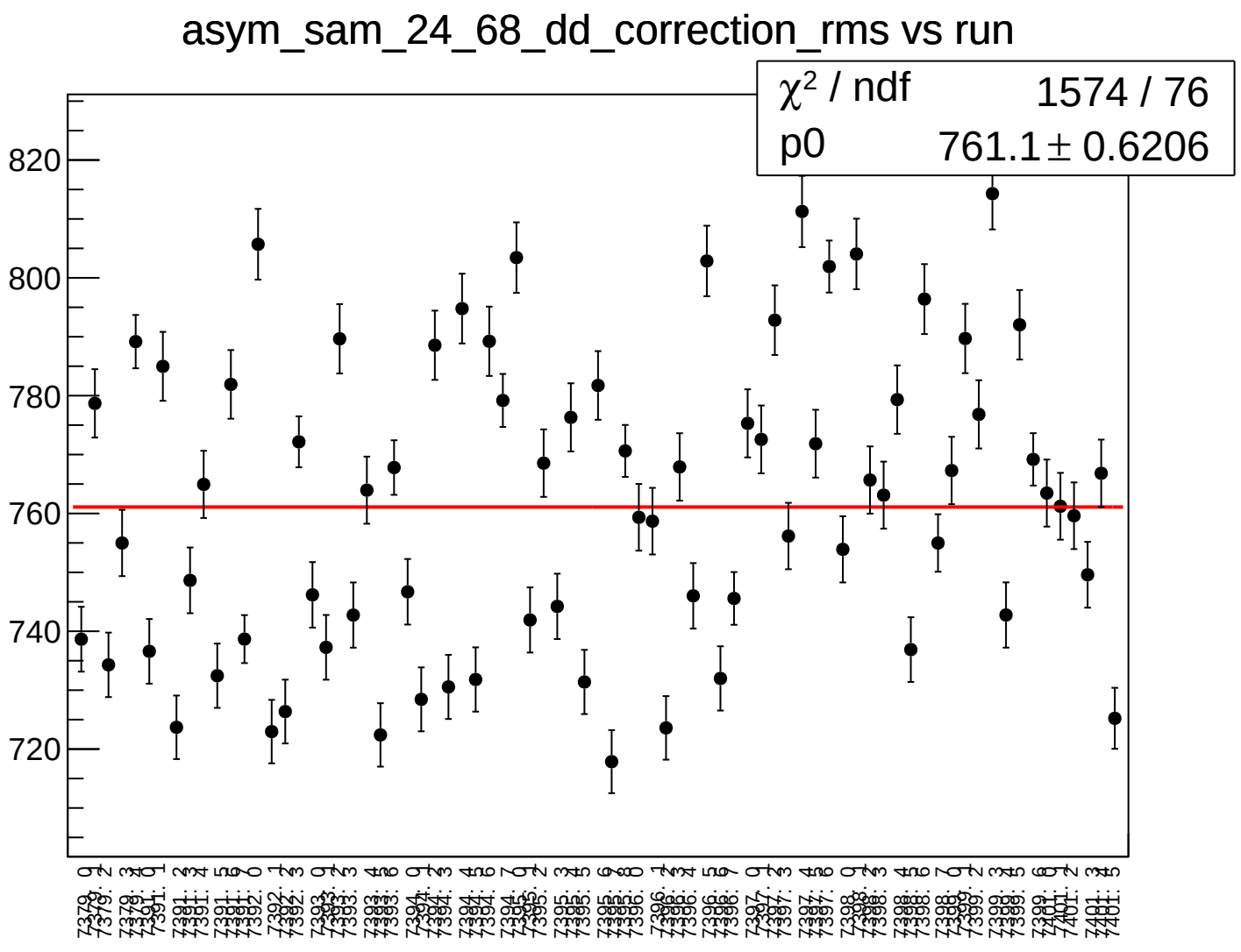

dit_asym_sam_24_68_dd_mean vs run
χ² / ndf 64.07 / 76
p0 −36.07 ± 148.8
4000
2000
0
−2000
−4000
pull
Entries 77
Mean −259.6
Std Dev 282.5
2
1
0
−1
−2

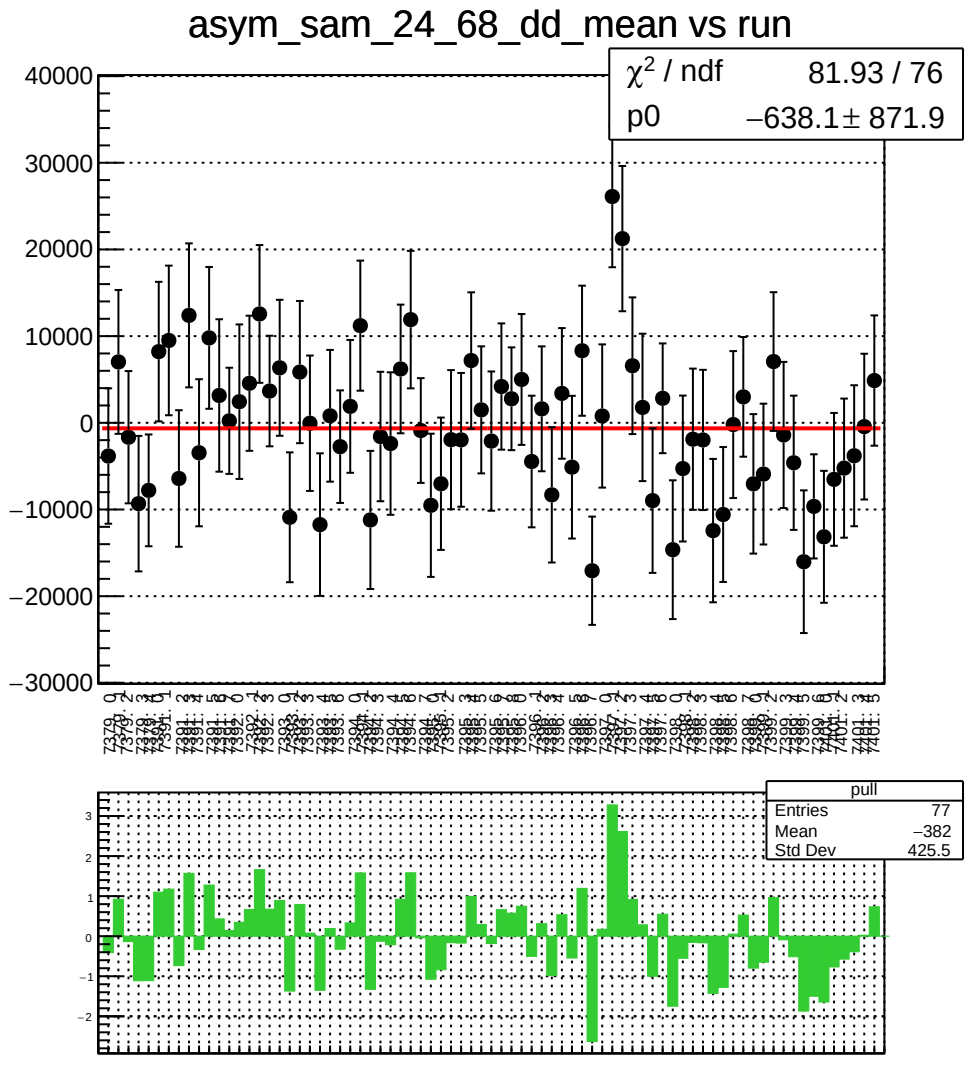

pull1D
Entries 77
Mean 0.005711
Std Dev 0.9122
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

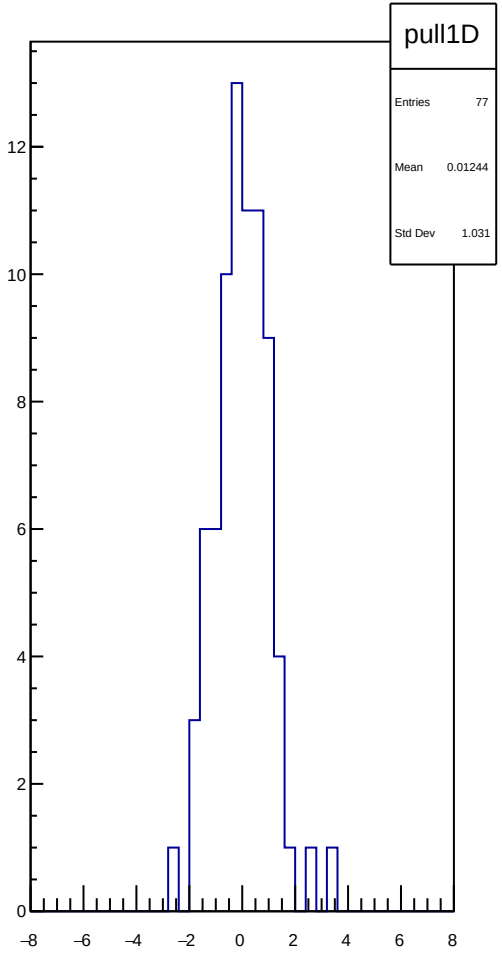

dit_asym_sam_24_68_dd_rms vs run
χ² / ndf 3.116e+04 / 76
p0 127.8 ± 0.1052
220
200
180
160
140
120
100

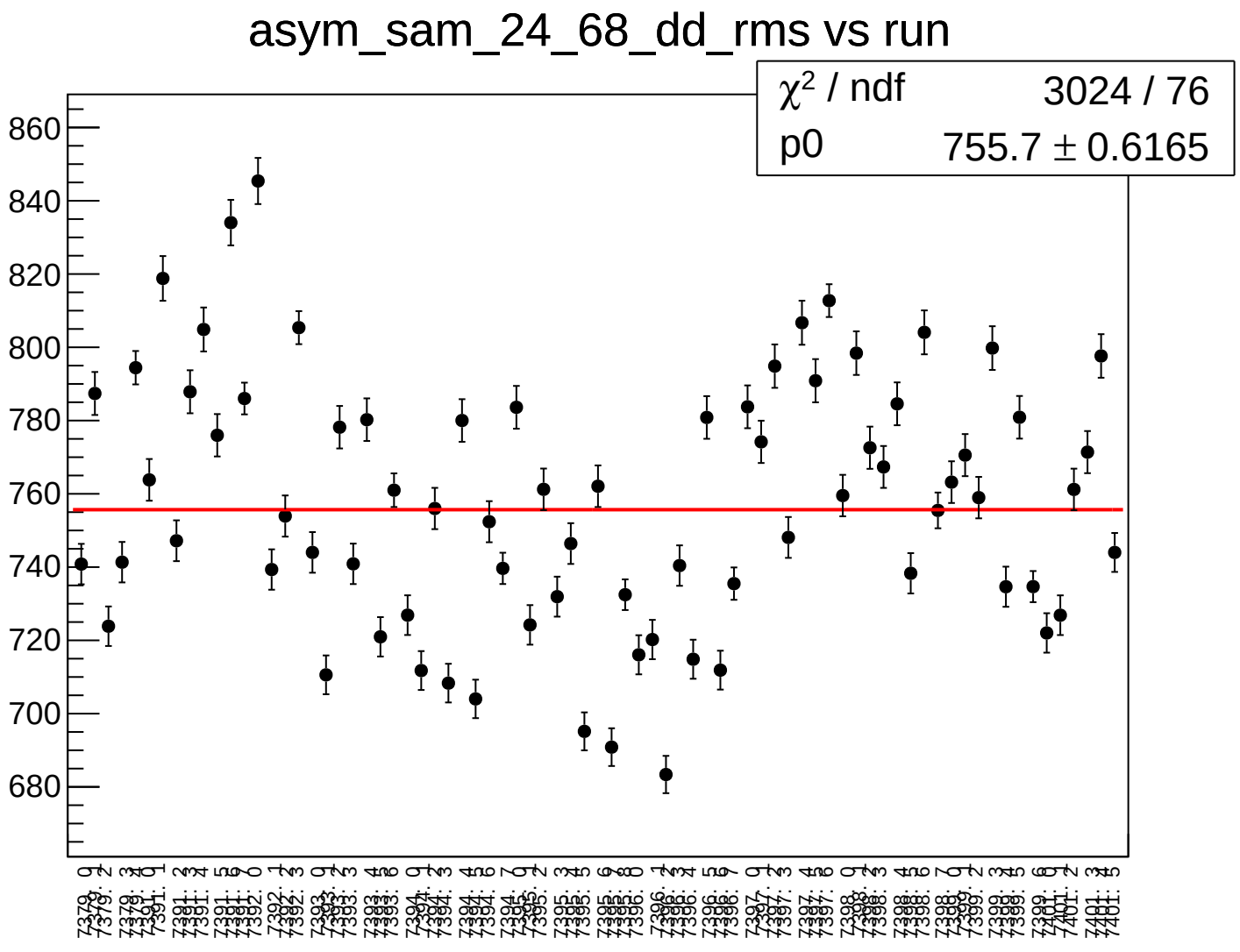

asym_sam_24_68_dd_correction_mean vs run
χ² / ndf 86.52 / 76
p0 512.5 ± 877.7
pull
Entries 77
Mean −928
Std Dev 972.6

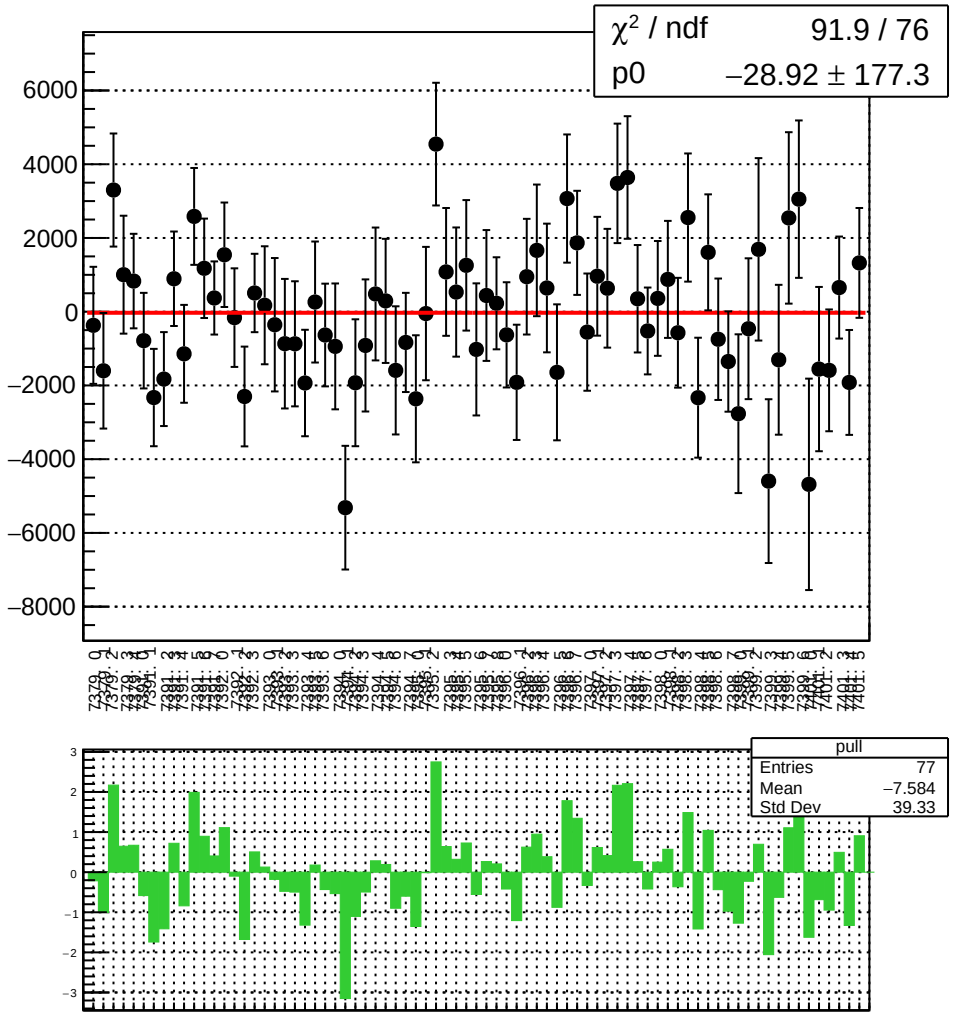

pull1D
Entries 77
Mean −0.005218
Std Dev 1.06

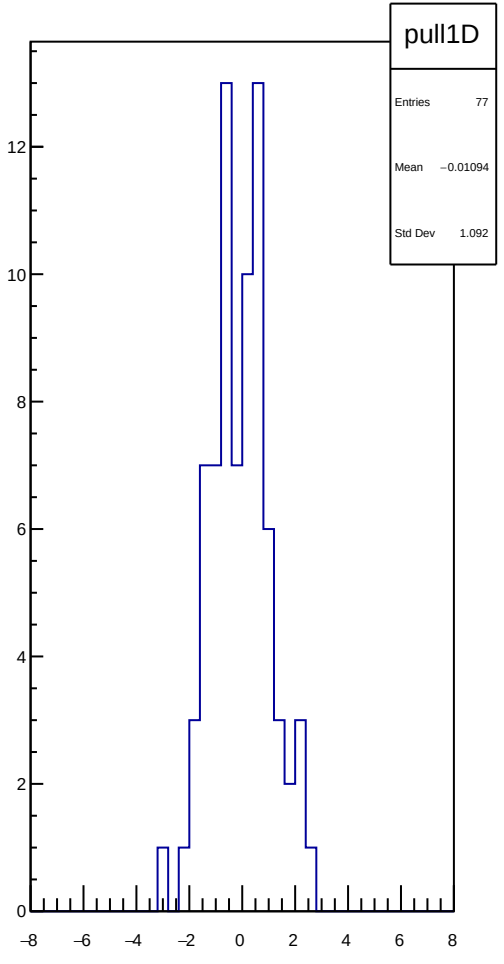

asym_sam_24_68_dd_correction_rms vs run
χ² / ndf 1574 / 76
p0 761.1 ± 0.6206
820
800
780
760
740
720

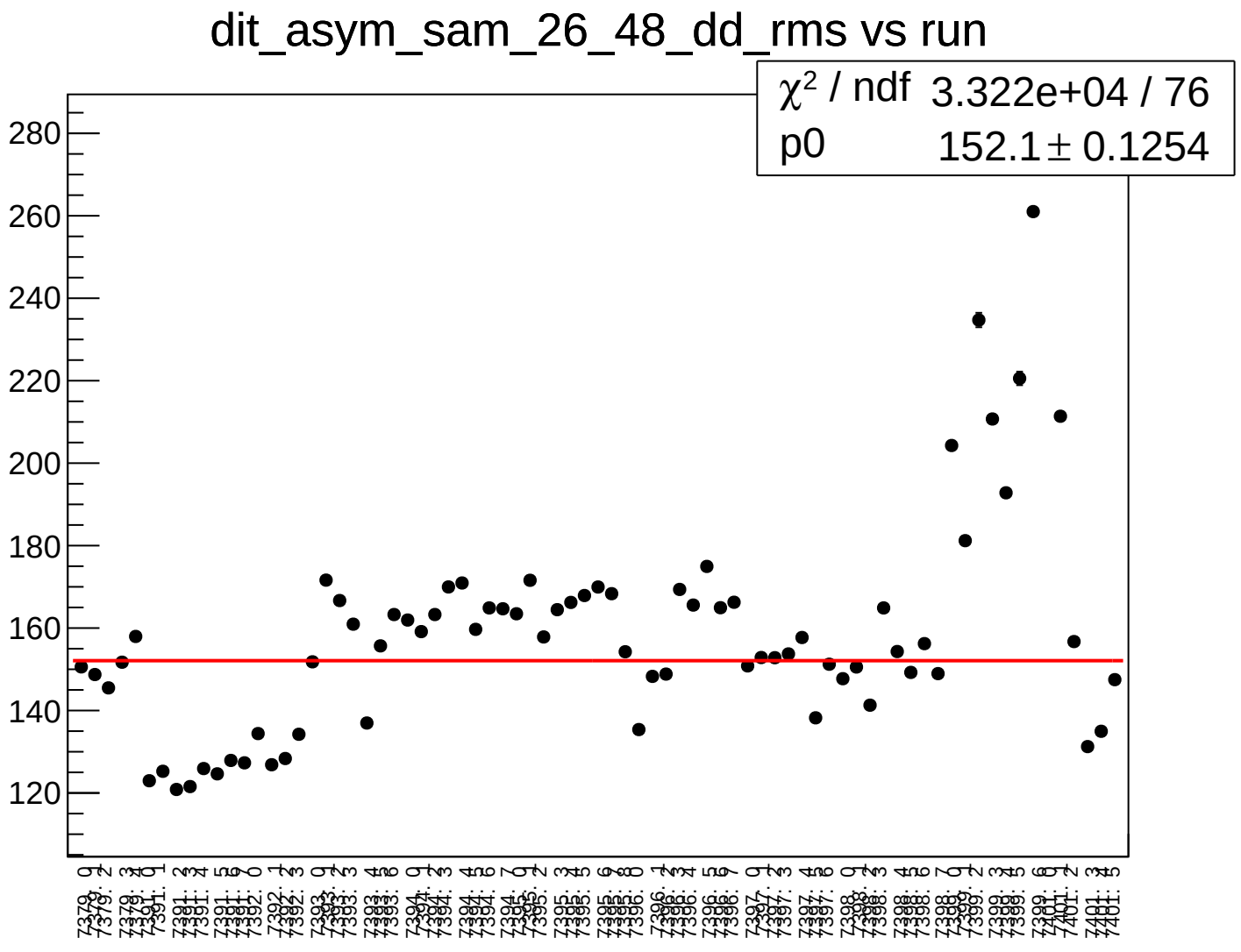

asym_sam_24_68_dd_mean vs run
χ² / ndf 81.93 / 76
p0 −638.1 ± 871.9
pull
Entries 77
Mean −382
Std Dev 425.5

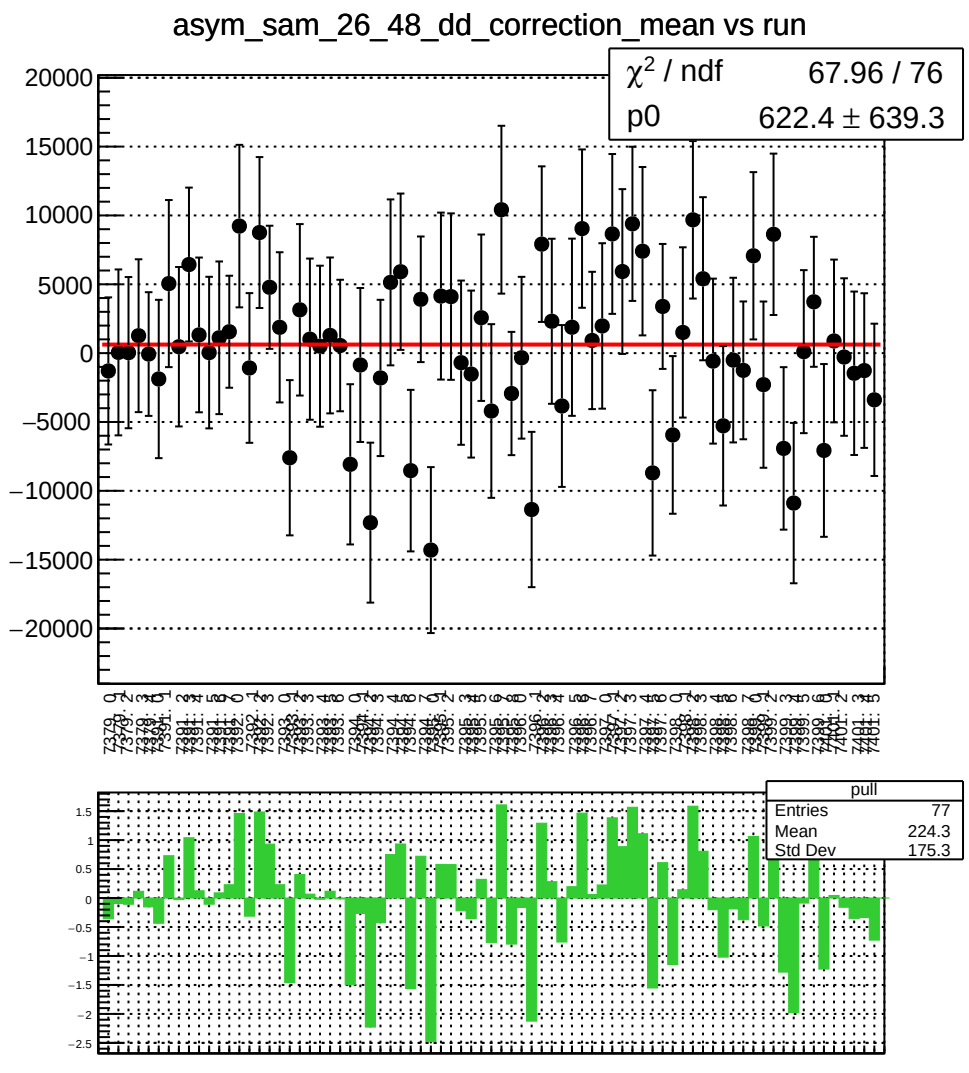

pull1D
Entries 77
Mean 0.01244
Std Dev 1.031

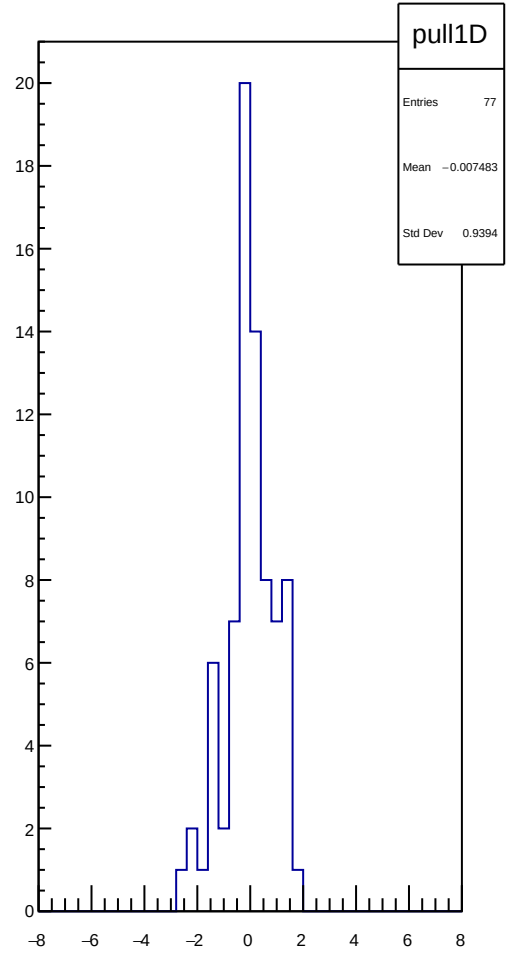

asym_sam_24_68_dd_rms vs run
χ² / ndf 3024 / 76
p0 755.7 ± 0.6165
860
840
820
800
780
760
740
720
700
680

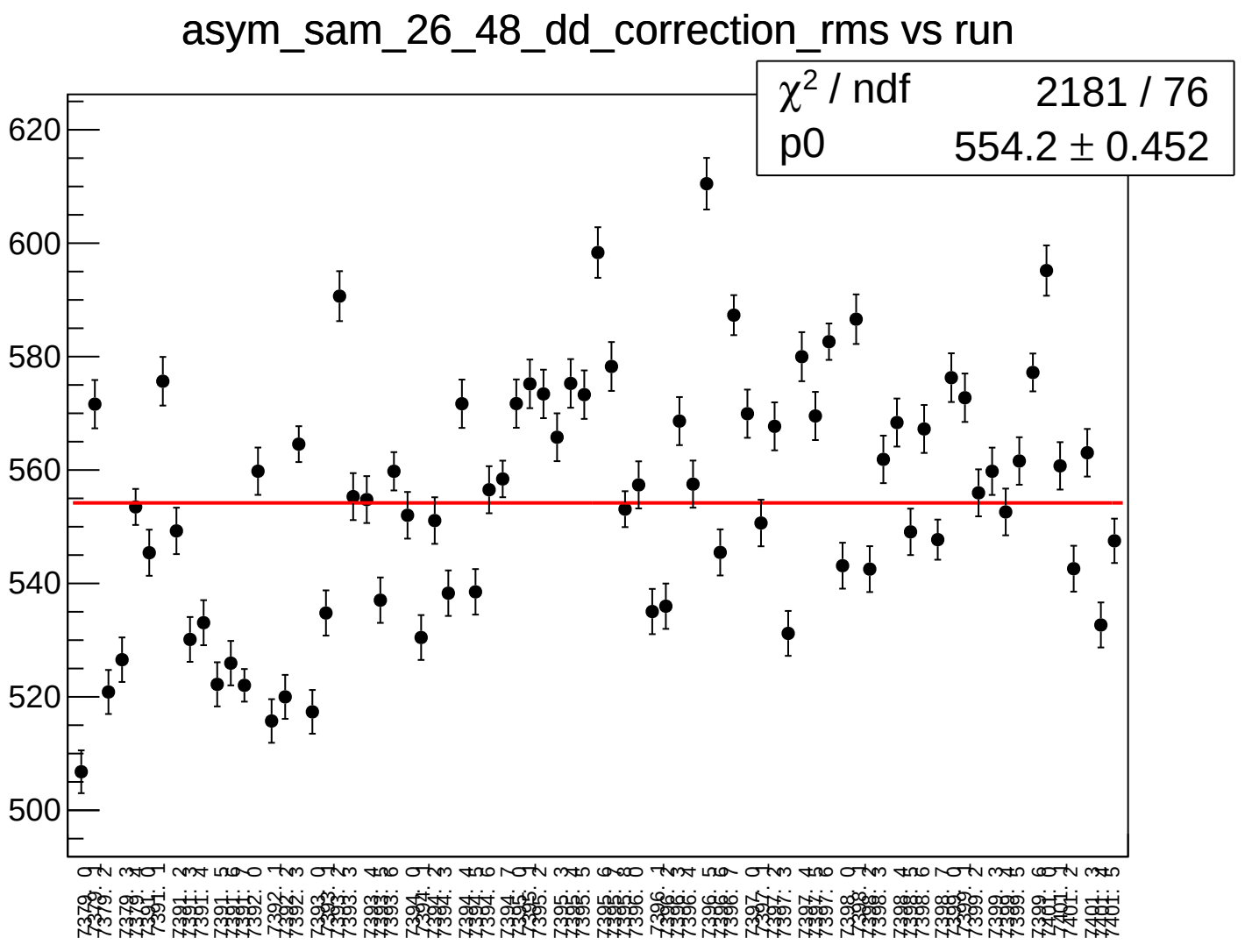

dit_asym_sam_26_48_dd_mean vs run
χ² / ndf 91.9 / 76
p0 −28.92 ± 177.3
pull
Entries 77
Mean −7.584
Std Dev 39.33

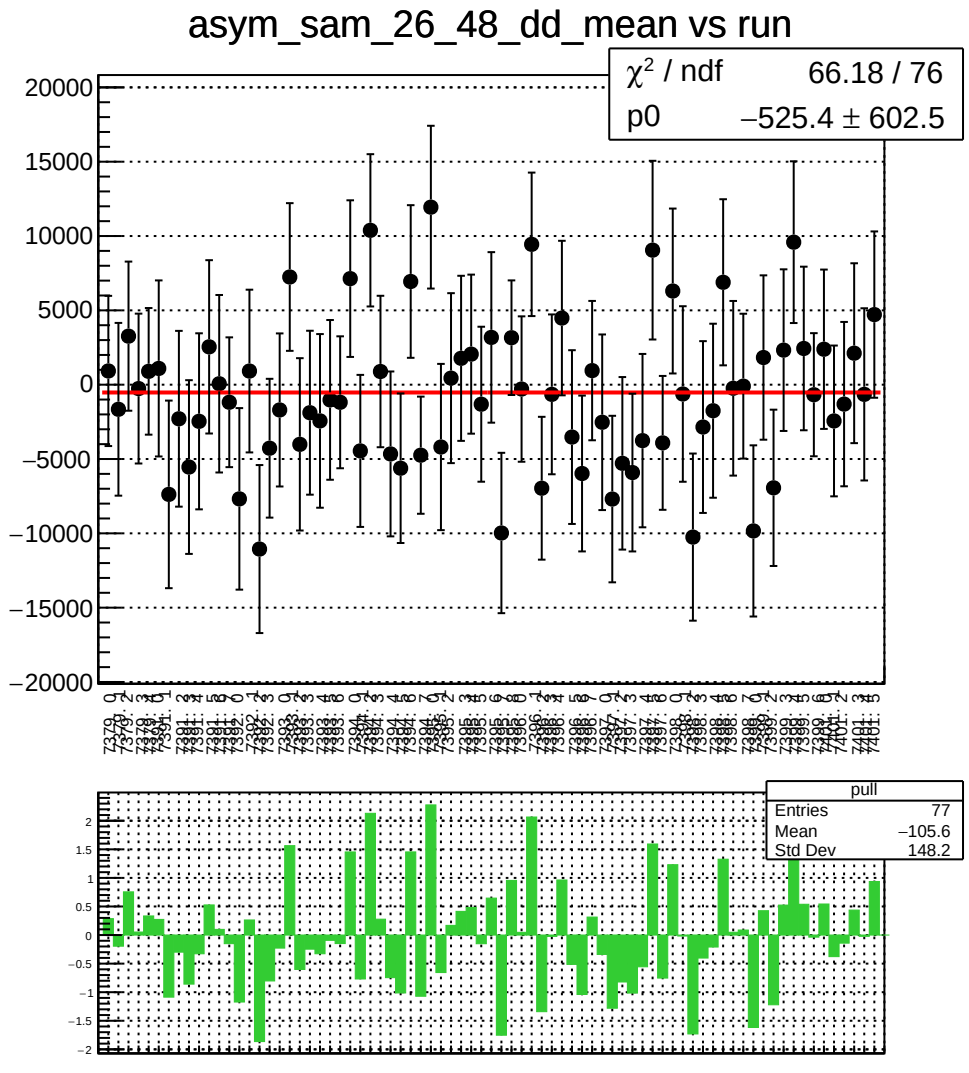

pull1D
Entries 77
Mean −0.01094
Std Dev 1.092

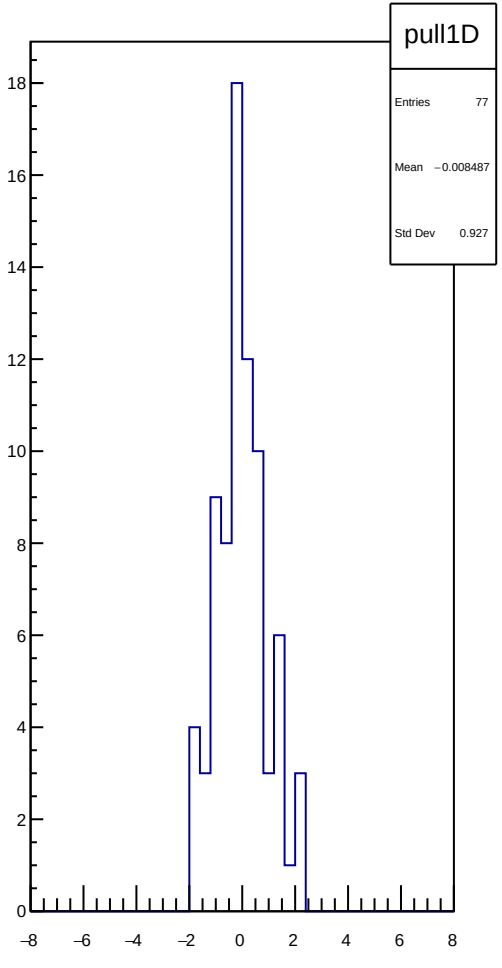

dit_asym_sam_26_48_dd_rms vs run
χ² / ndf 3.322e+04 / 76
p0 152.1 ± 0.1254
280
260
240
220
200
180
160
140
120

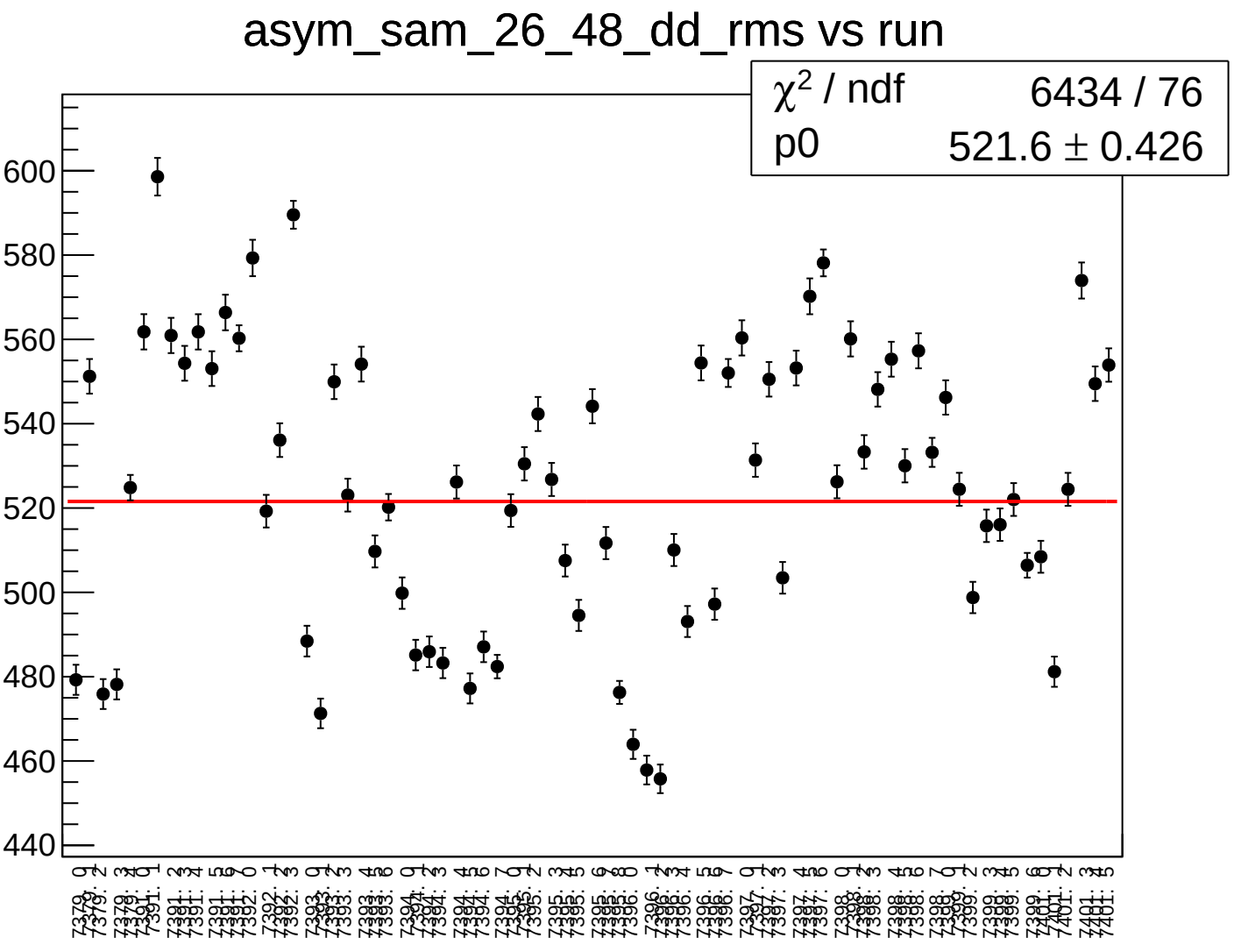

asym_sam_26_48_dd_correction_mean vs run
χ² / ndf 67.96 / 76
p0 622.4 ± 639.3
pull
Entries 77
Mean 224.3
Std Dev 175.3

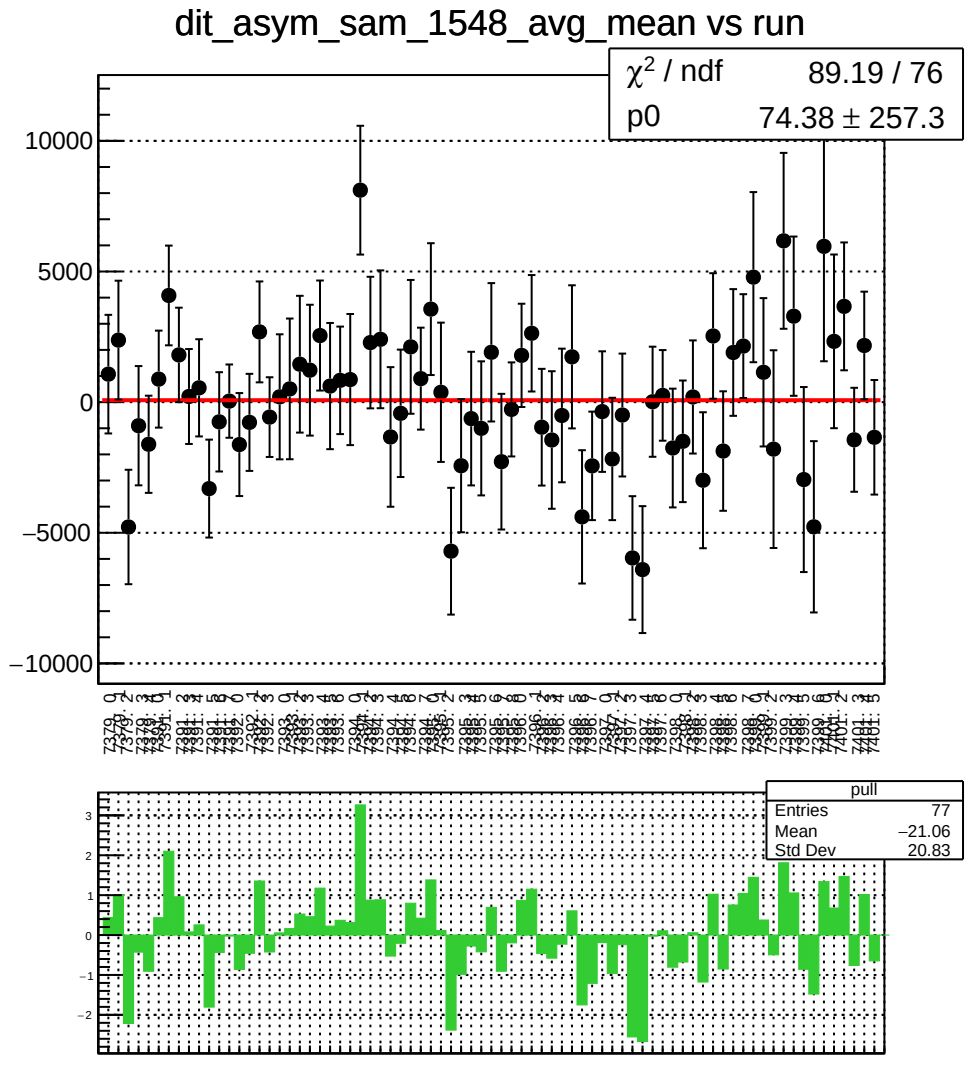

pull1D
Entries 77
Mean −0.007483
Std Dev 0.9394

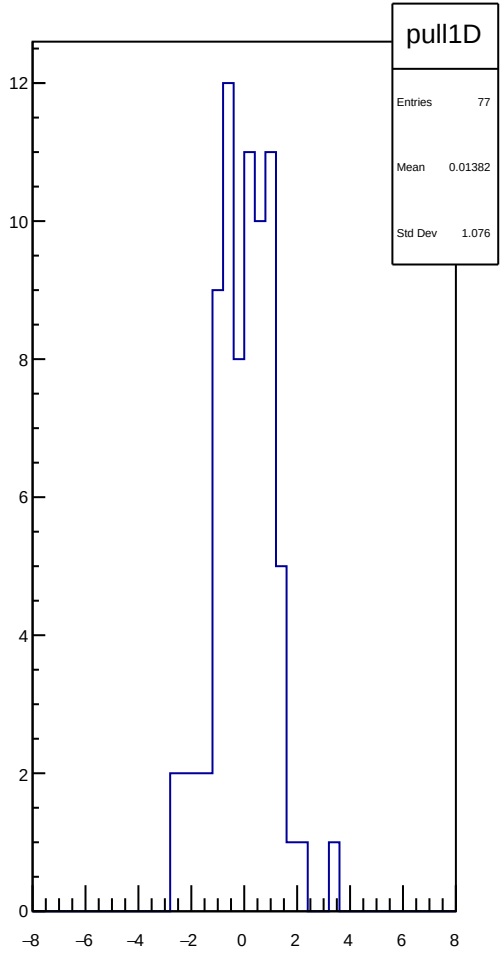

asym_sam_26_48_dd_correction_rms vs run
χ² / ndf 2181 / 76
p0 554.2 ± 0.452
620
600
580
560
540
520
500

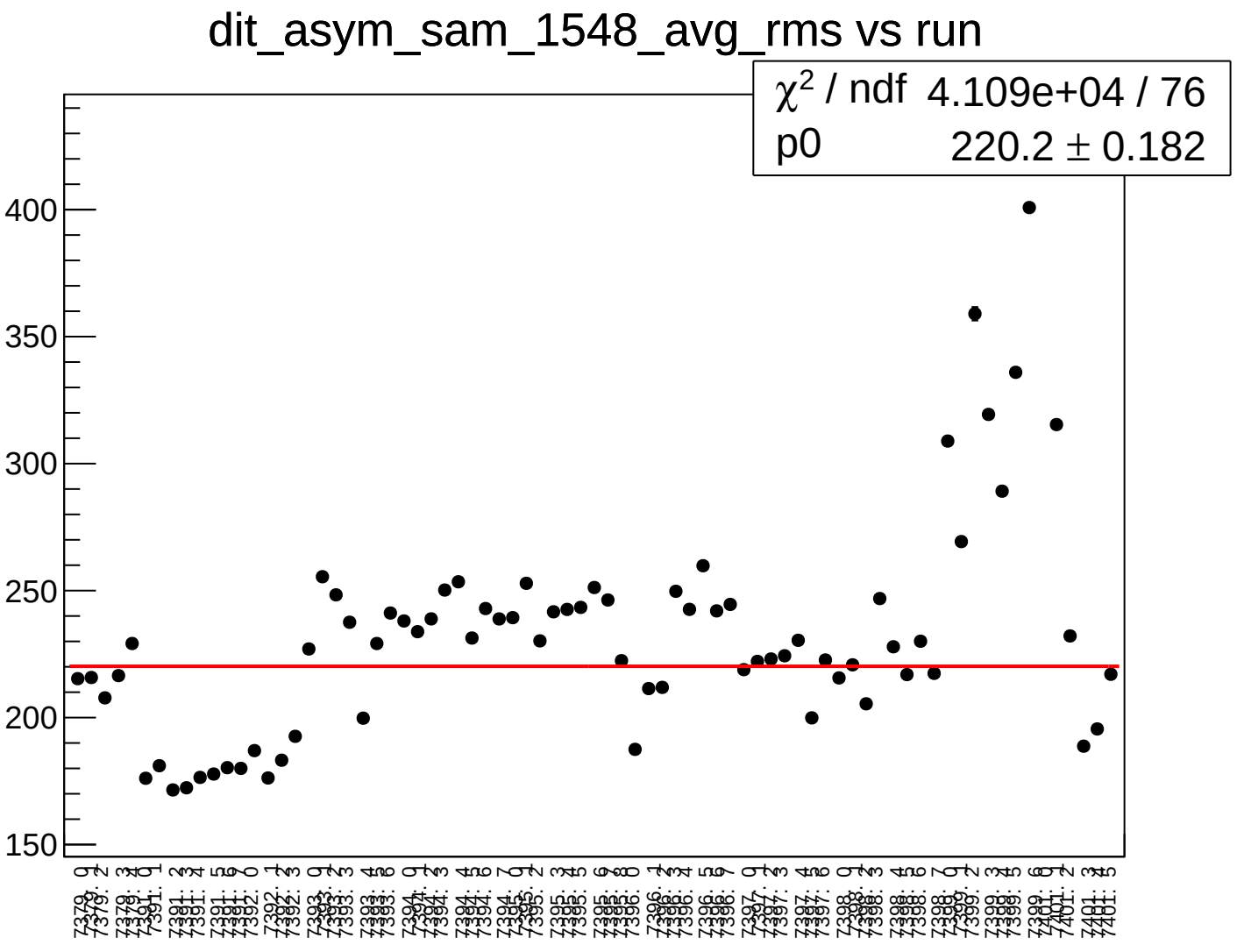

asym_sam_26_48_dd_mean vs run
χ² / ndf 66.18 / 76
p0 −525.4 ± 602.5
pull
Entries 77
Mean −105.6
Std Dev 148.2

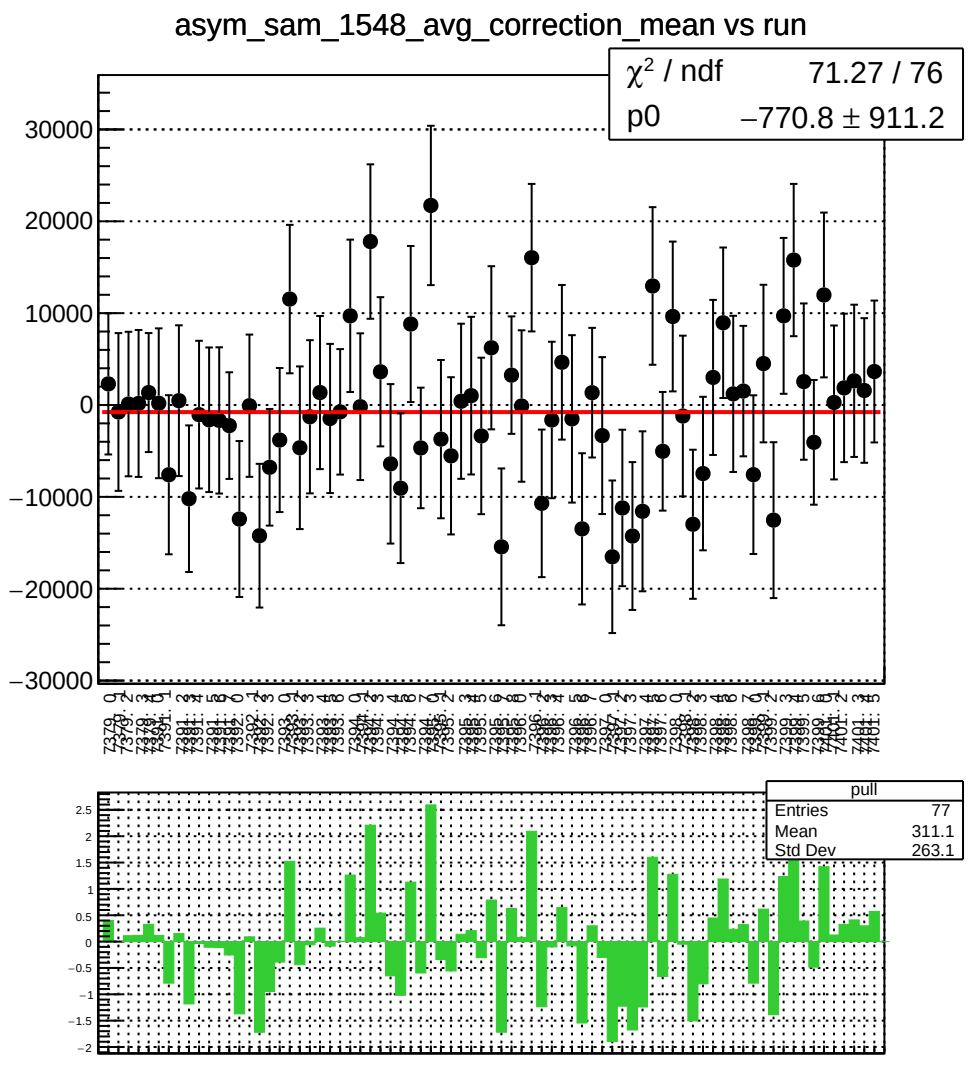

pull1D
Entries 77
Mean −0.008487
Std Dev 0.927

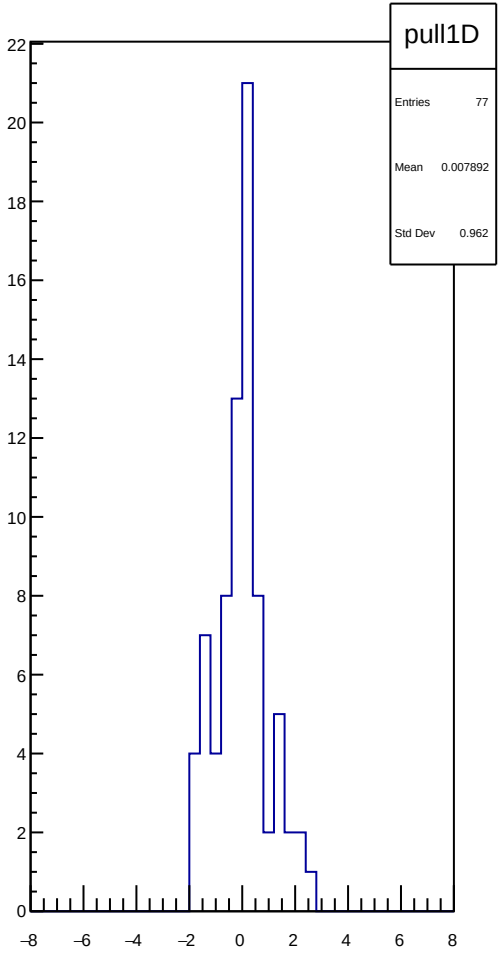

asym_sam_26_48_dd_rms vs run
χ² / ndf 6434 / 76
p0 521.6 ± 0.426
600
580
560
540
520
500
480
460
440

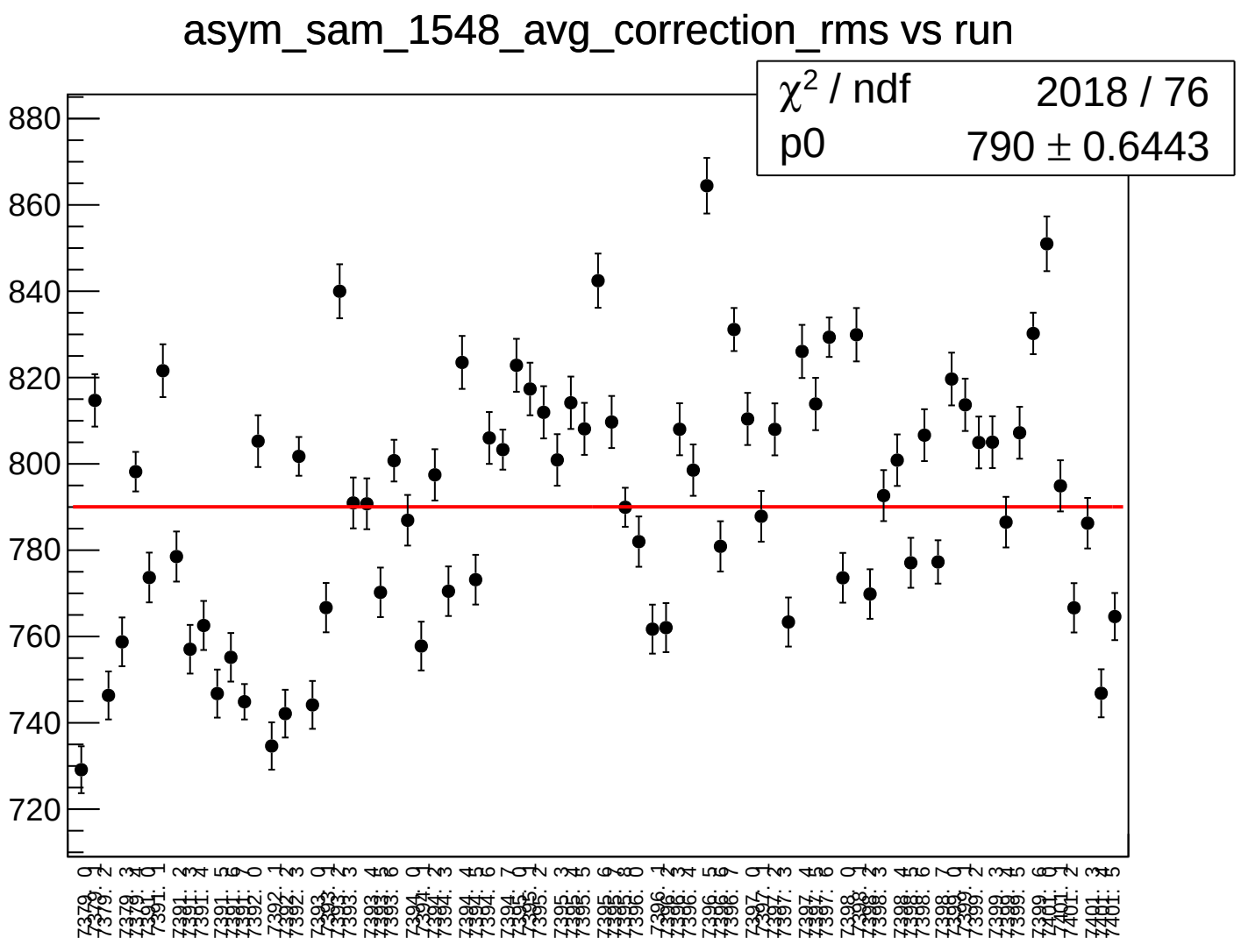

dit_asym_sam_1548_avg_mean vs run
χ² / ndf 89.19 / 76
p0 74.38 ± 257.3
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −21.06
Std Dev 20.83
3
2
1
0
−1
−2

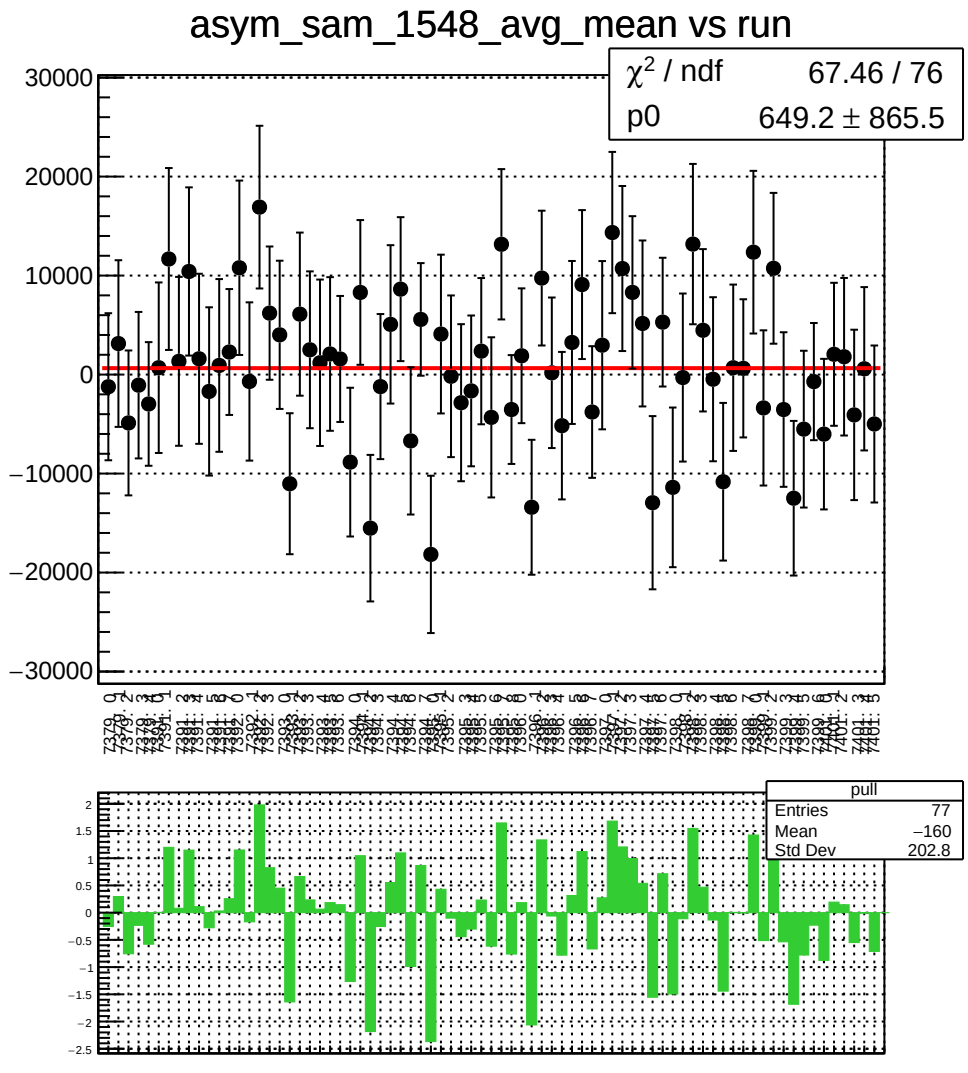

pull1D
Entries 77
Mean 0.01382
Std Dev 1.076
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

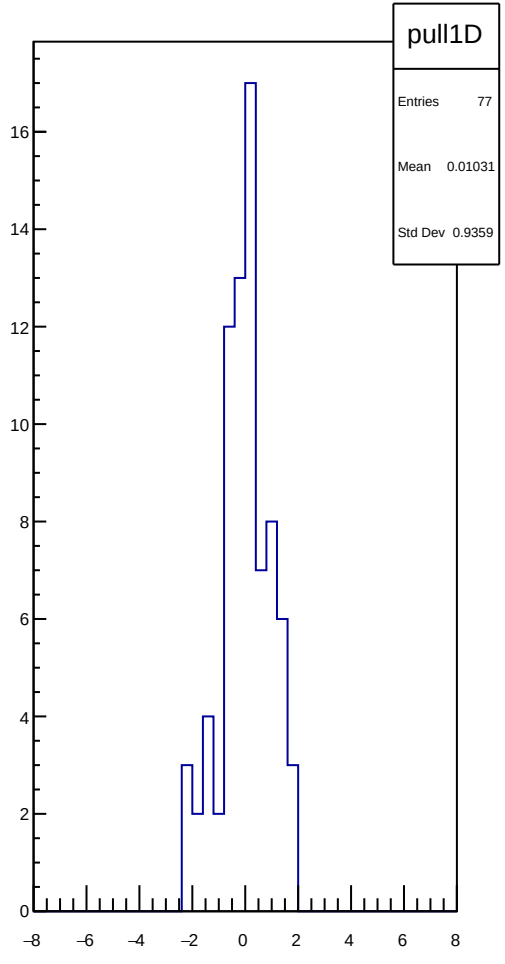

dit_asym_sam_1548_avg_rms vs run
χ² / ndf 4.109e+04 / 76
p0 220.2 ± 0.182
400
350
300
250
200
150

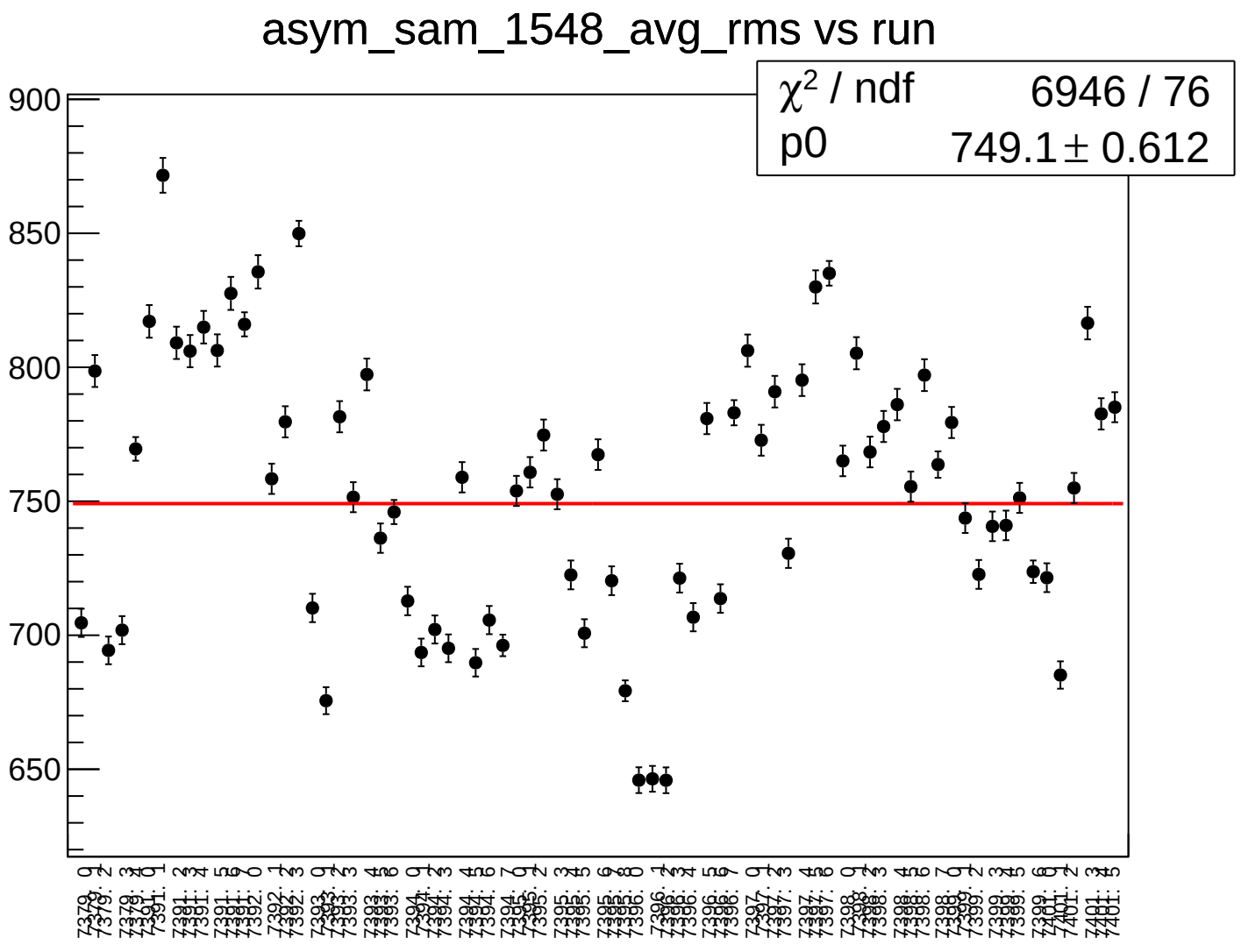

asym_sam_1548_avg_correction_mean vs run
χ² / ndf 71.27 / 76
p0 −770.8 ± 911.2
pull
Entries 77
Mean 311.1
Std Dev 263.1

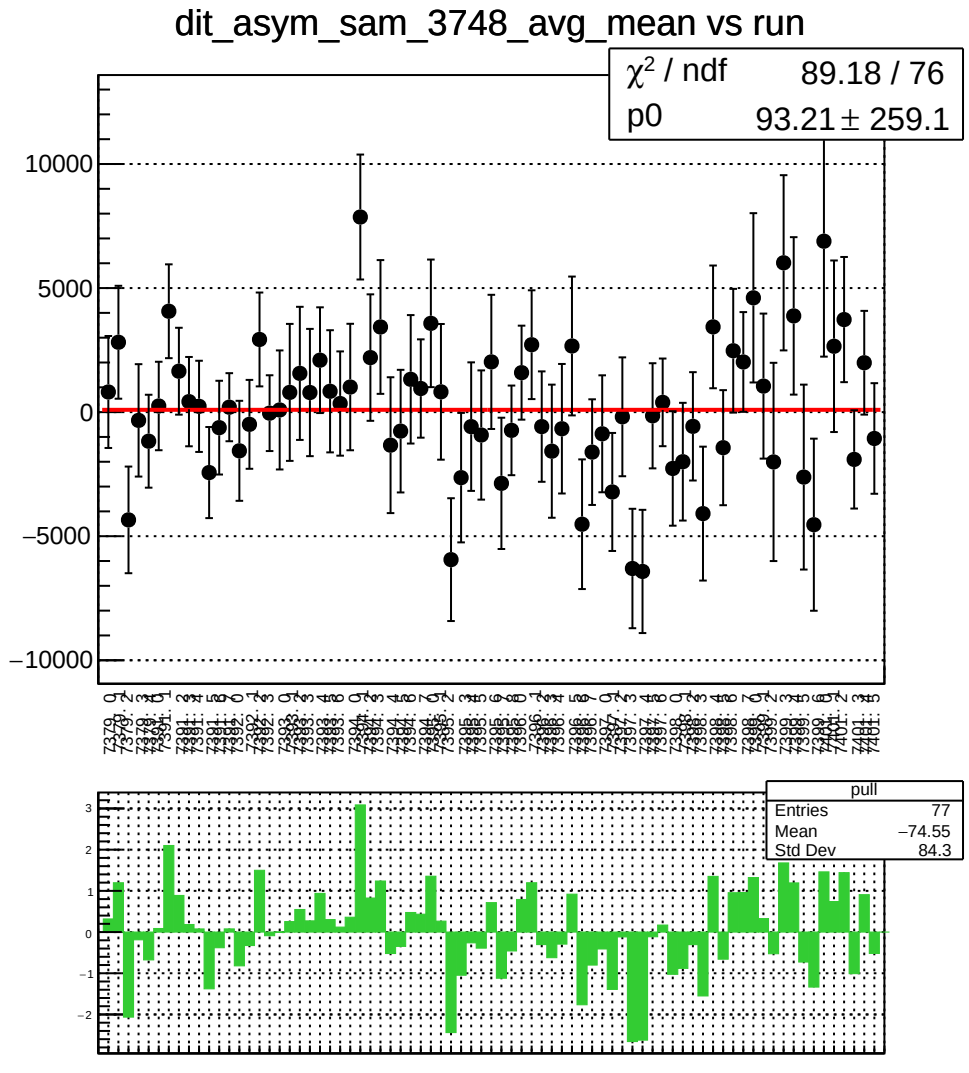

pull1D
Entries 77
Mean 0.007892
Std Dev 0.962

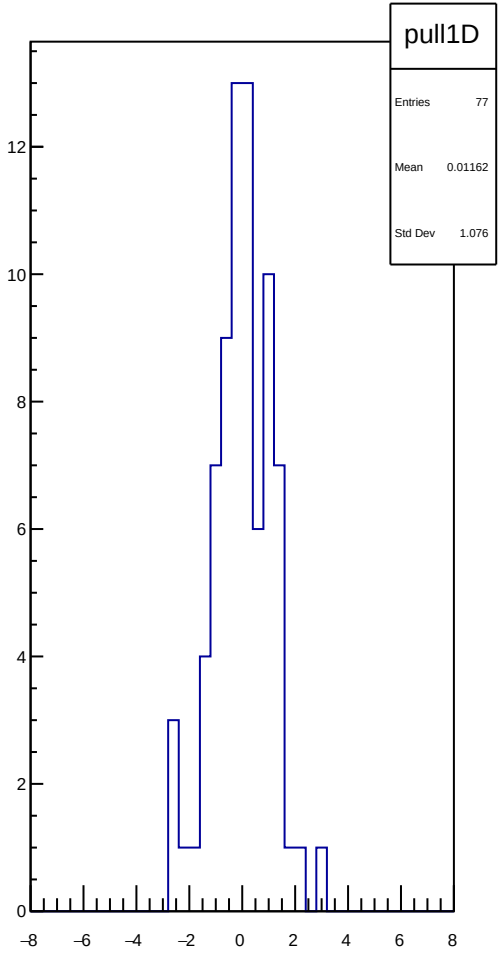

asym_sam_1548_avg_correction_rms vs run
χ² / ndf 2018 / 76
p0 790 ± 0.6443
880
860
840
820
800
780
760
740
720

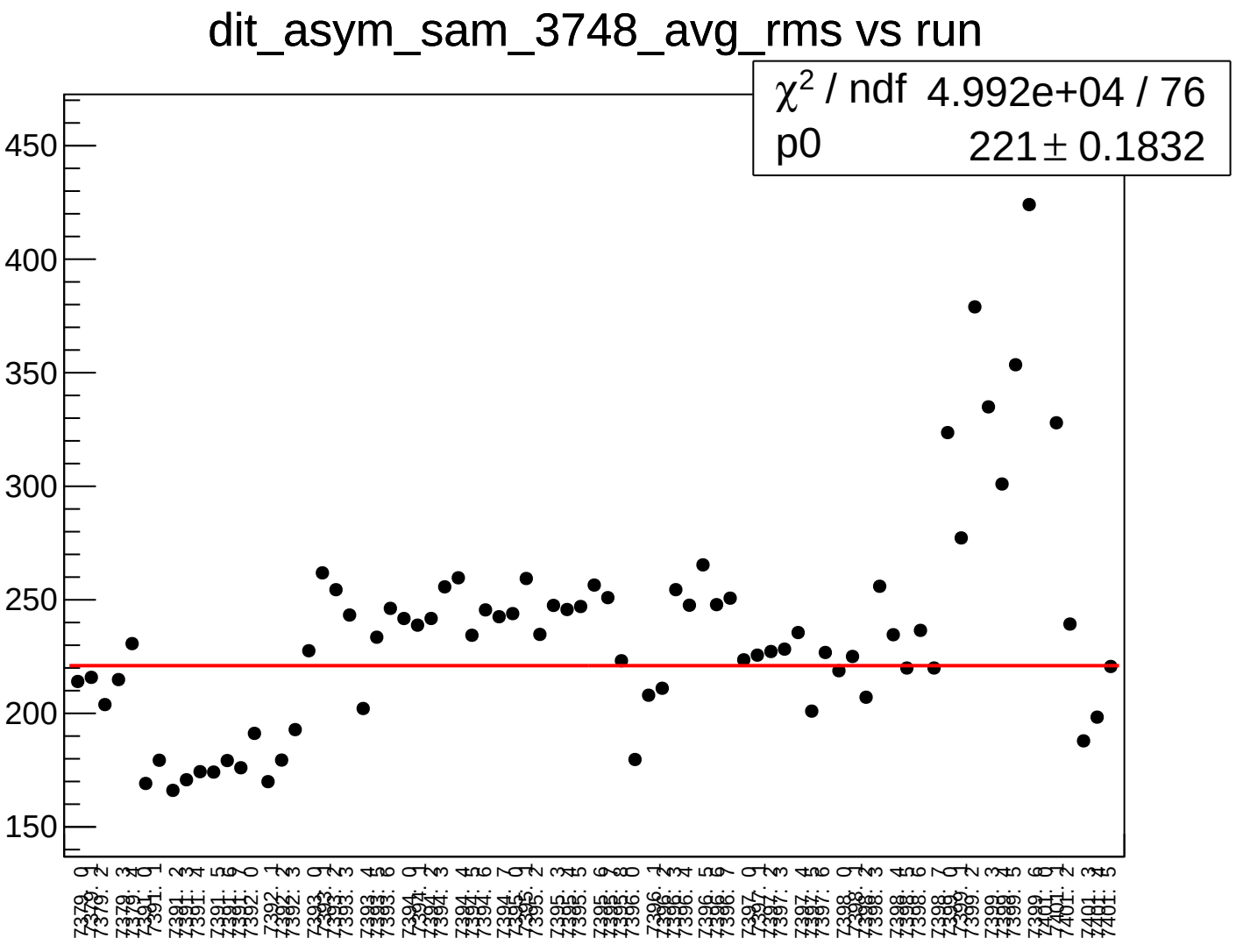

asym_sam_1548_avg_mean vs run
χ² / ndf 67.46 / 76
p0 649.2 ± 865.5
pull
Entries 77
Mean −160
Std Dev 202.8

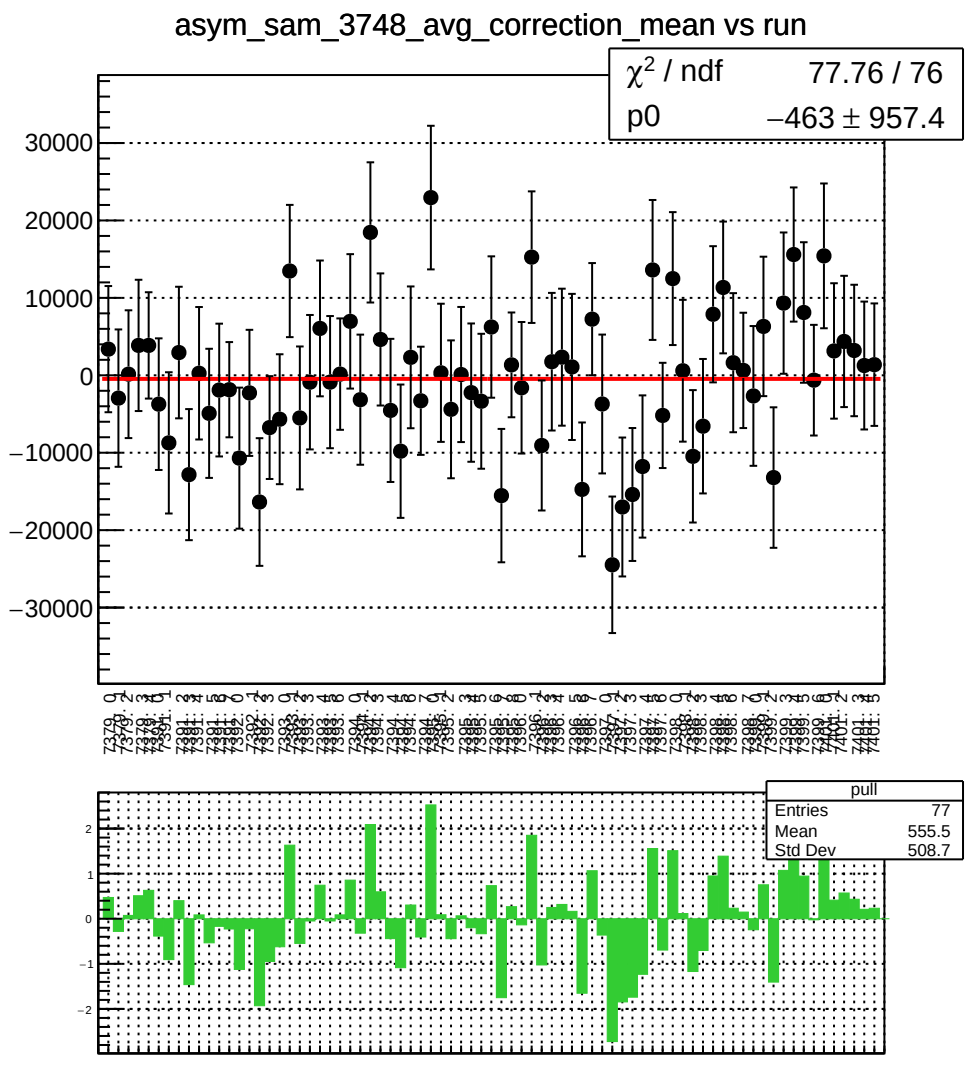

pull1D
Entries 77
Mean 0.01031
Std Dev 0.9359

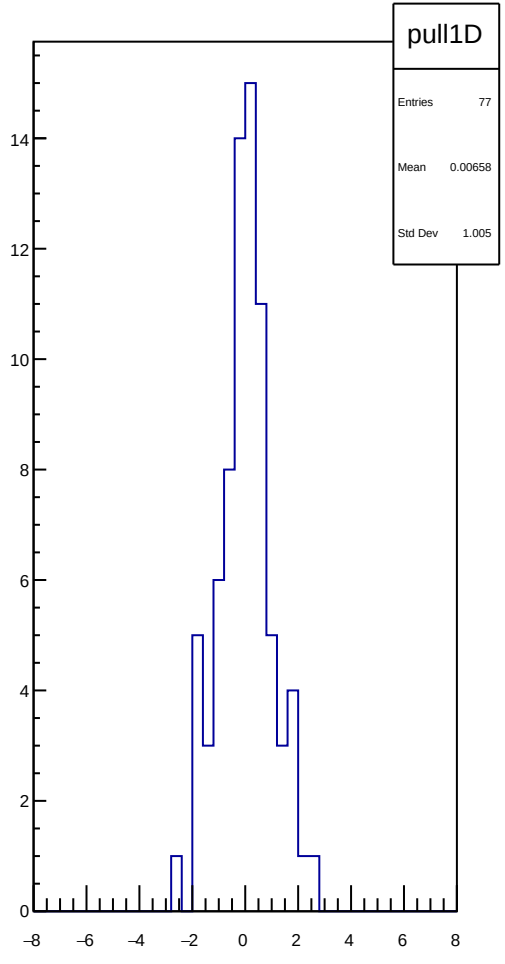

asym_sam_1548_avg_rms vs run
χ² / ndf 6946 / 76
p0 749.1 ± 0.612
900
850
800
750
700
650

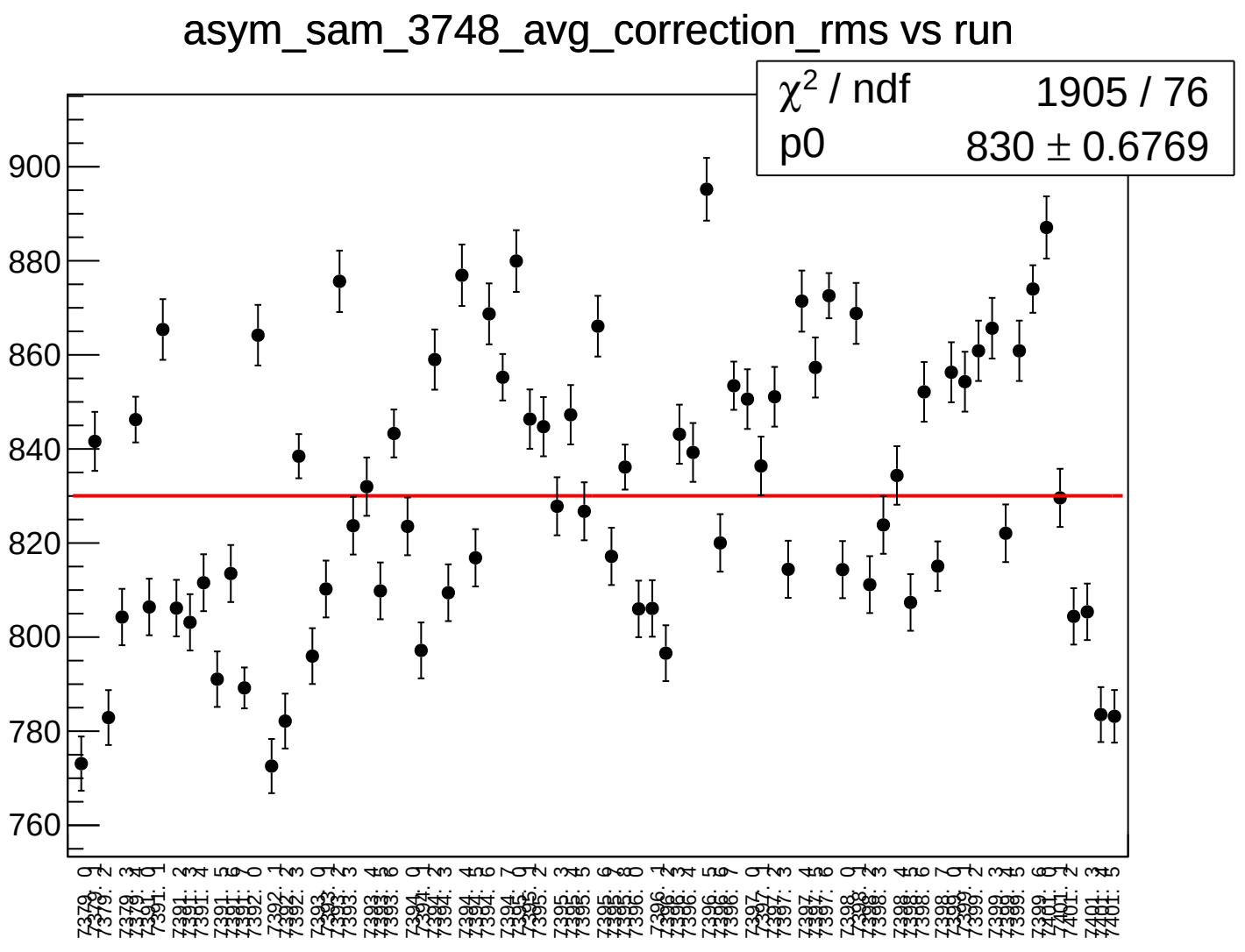

dit_asym_sam_3748_avg_mean vs run
χ² / ndf 89.18 / 76
p0 93.21 ± 259.1
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −74.55
Std Dev 84.3
3
2
1
0
−1
−2

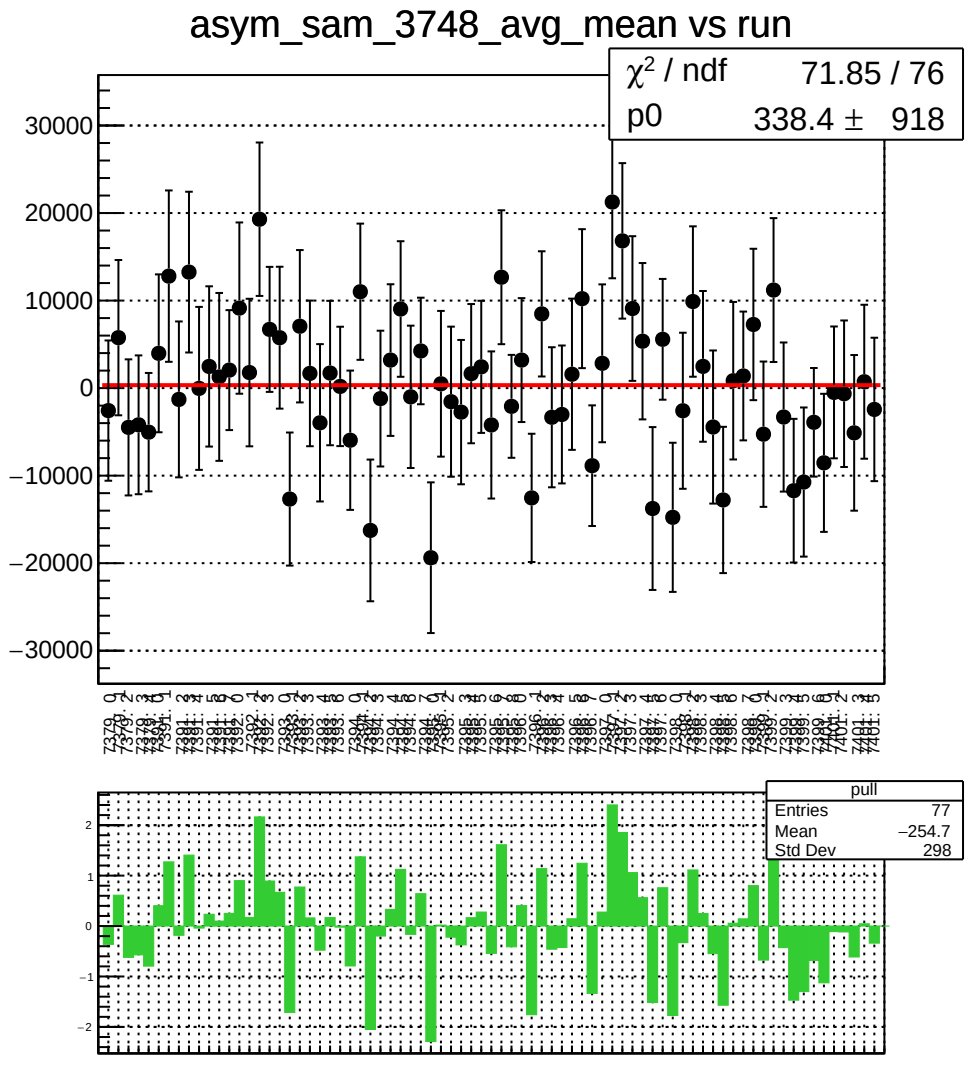

pull1D
Entries 77
Mean 0.01162
Std Dev 1.076
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

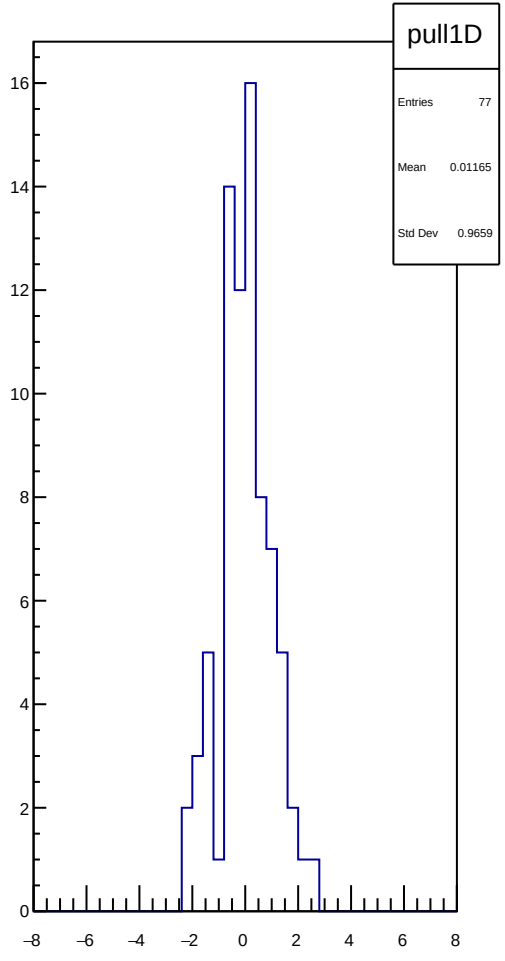

dit_asym_sam_3748_avg_rms vs run
χ^2 / ndf 4.992e+04 / 76
p0 221 ± 0.1832
450
400
350
300
250
200
150

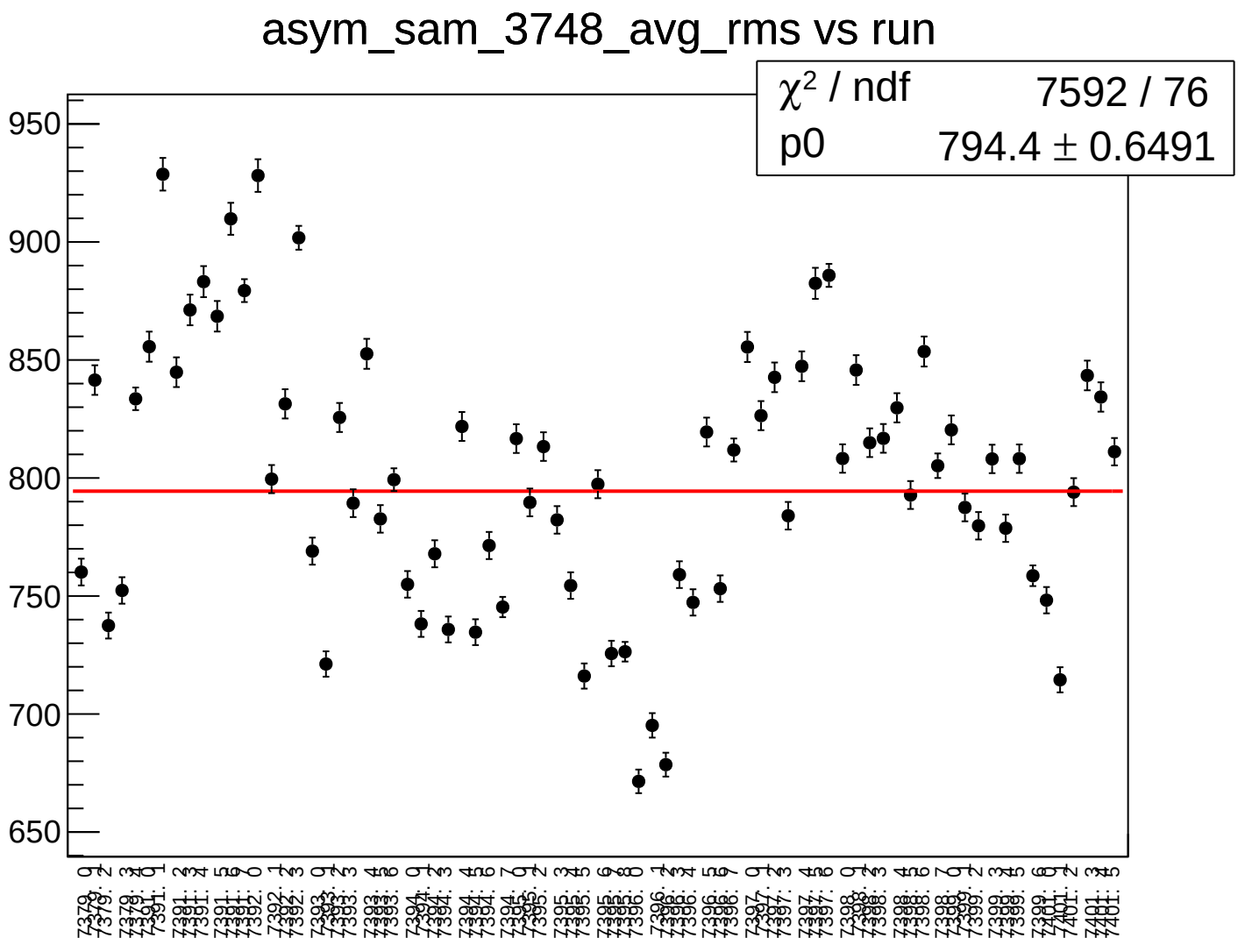

asym_sam_3748_avg_correction_mean vs run
χ² / ndf 77.76 / 76
p0 −463 ± 957.4
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 77
Mean 555.5
Std Dev 508.7
2
1
0
−1
−2

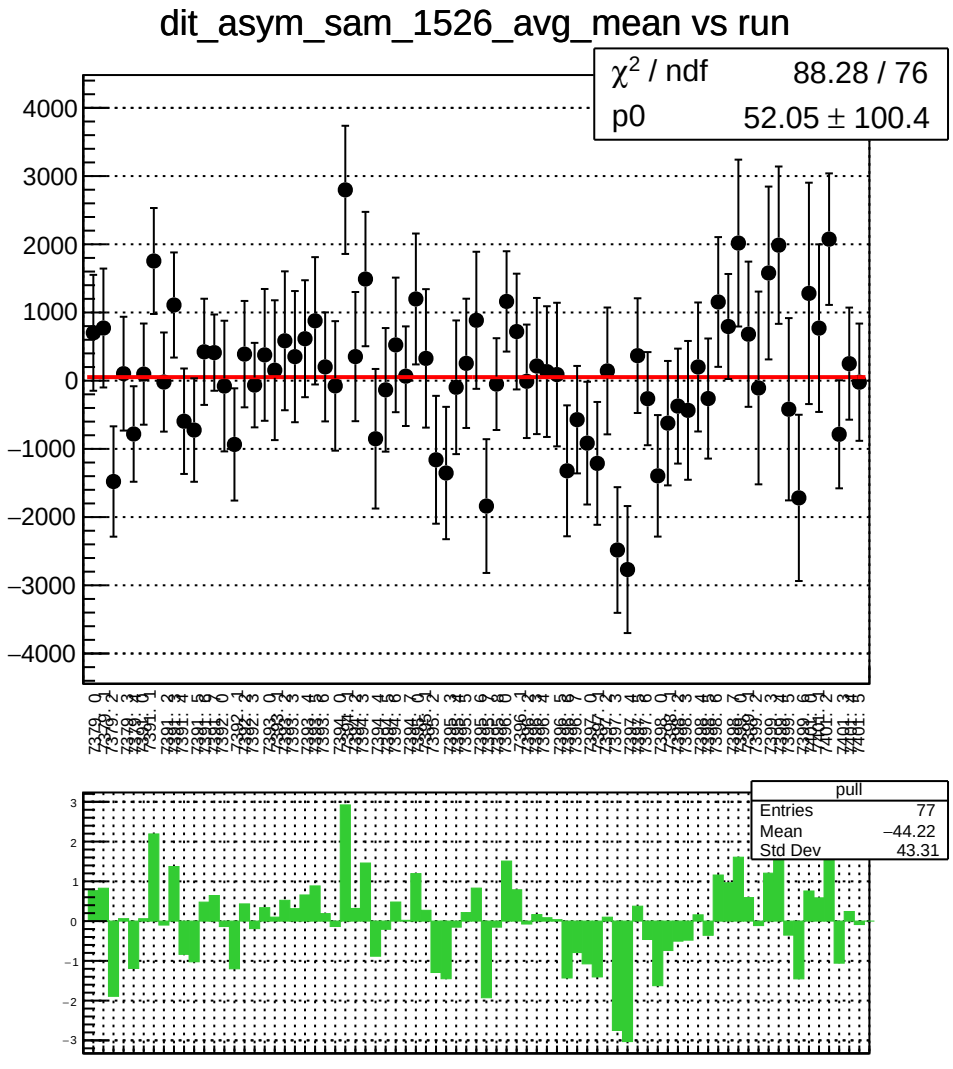

pull1D
Entries 77
Mean 0.00658
Std Dev 1.005
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

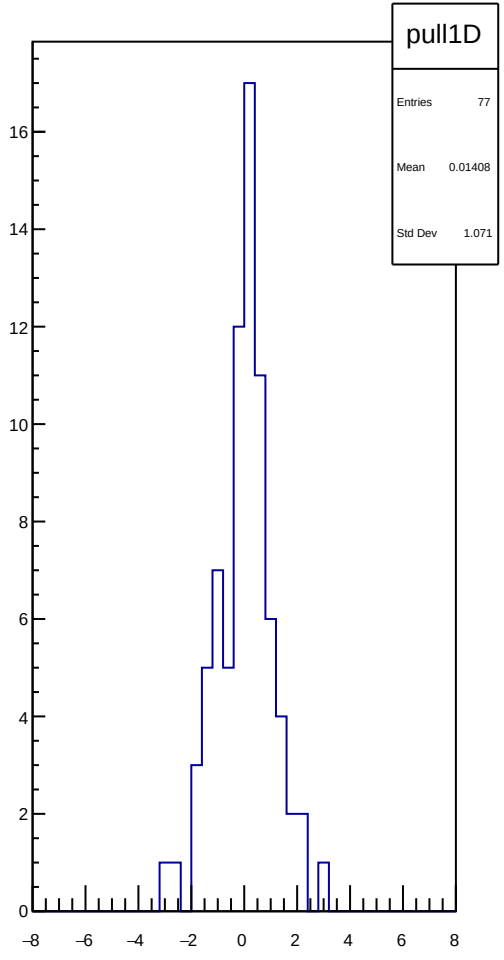

asym_sam_3748_avg_correction_rms vs run
χ² / ndf 1905 / 76
p0 830 ± 0.6769
900
880
860
840
820
800
780
760

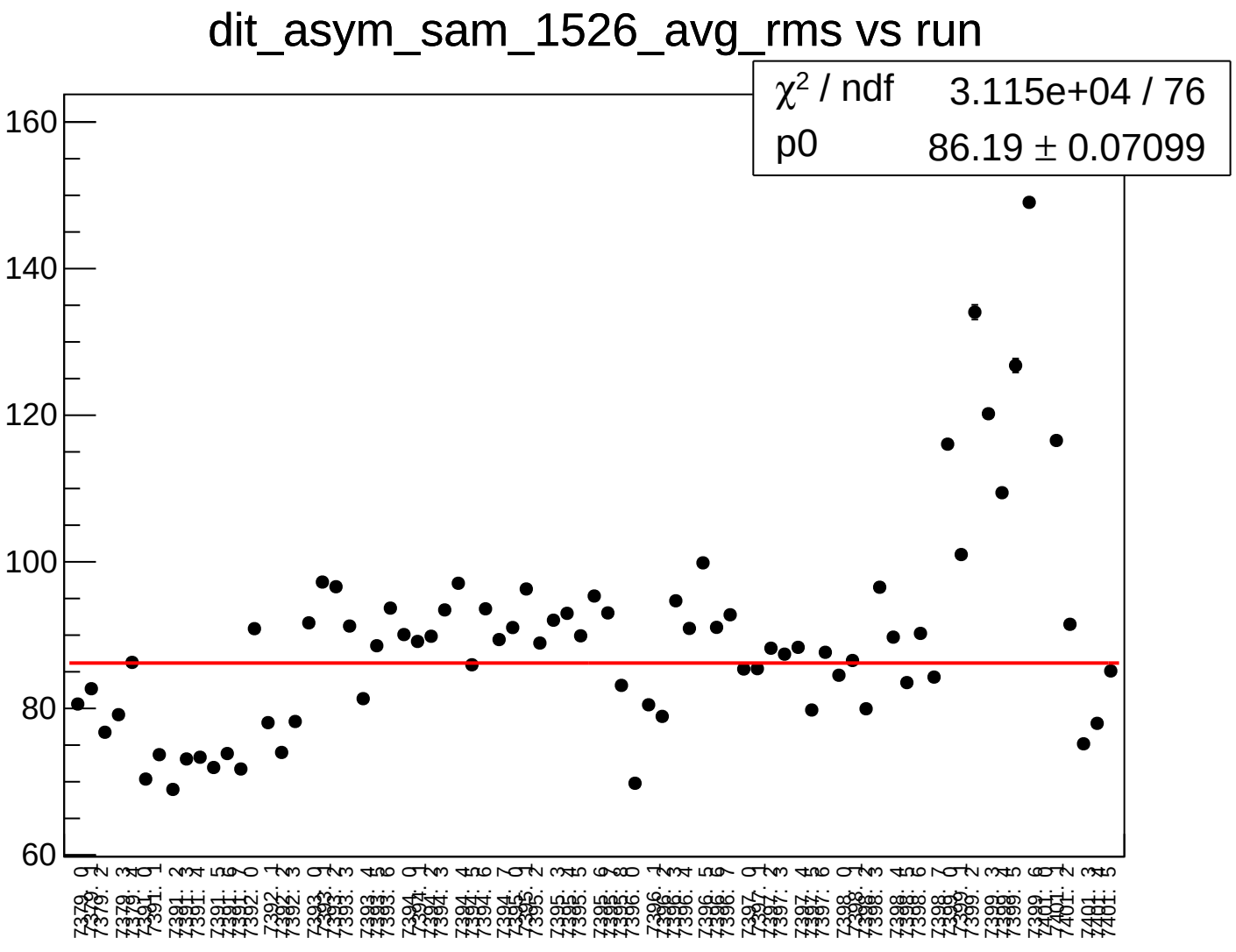

asym_sam_3748_avg_mean vs run
χ² / ndf 71.85 / 76
p0 338.4 ± 918
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 77
Mean −254.7
Std Dev 298
2
1
0
−1
−2

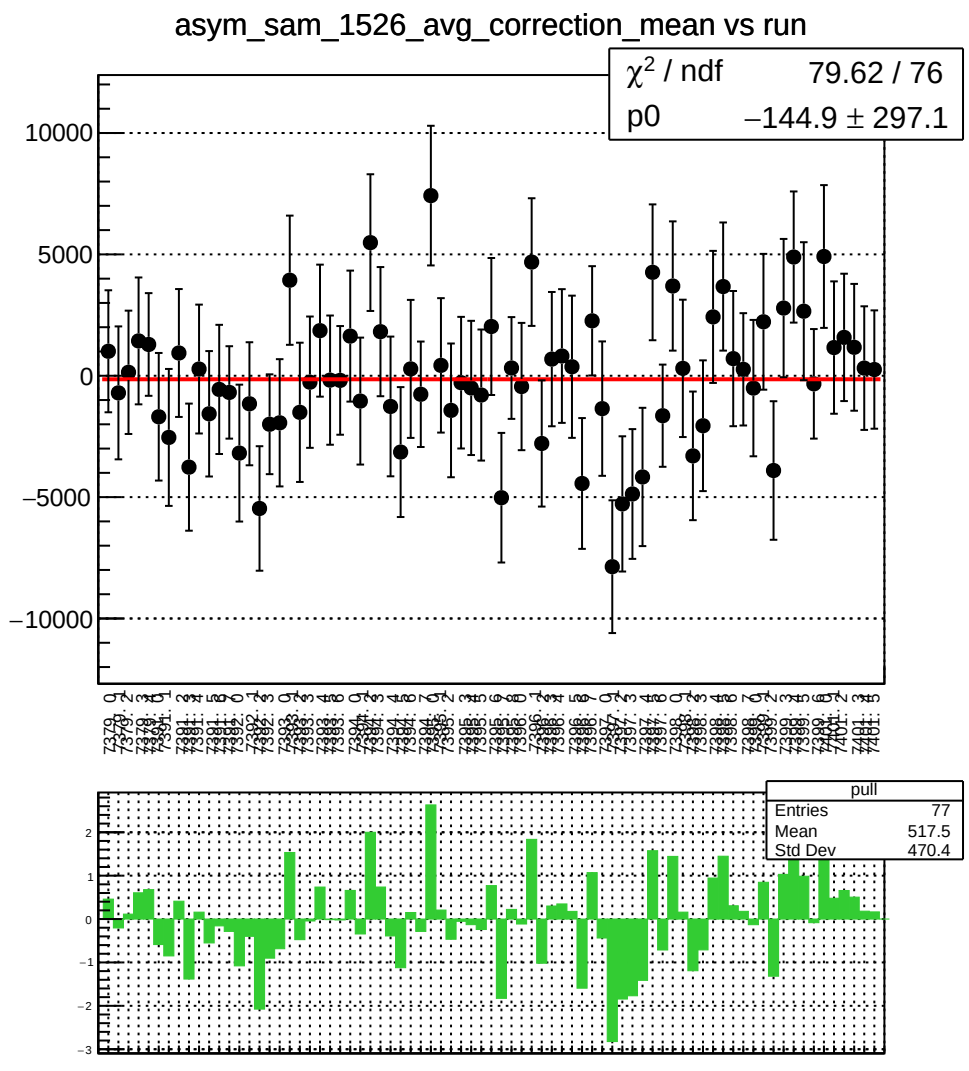

pull1D
Entries 77
Mean 0.01165
Std Dev 0.9659
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

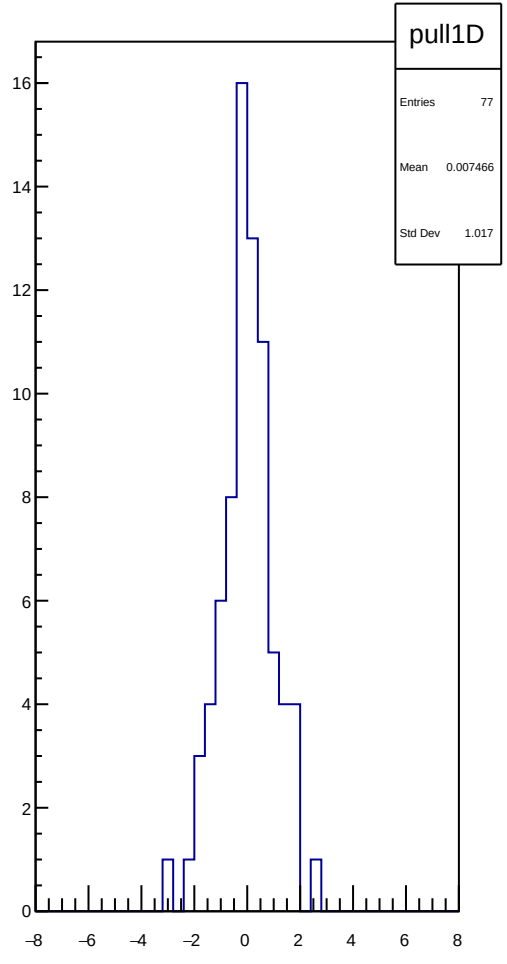

asym_sam_3748_avg_rms vs run
χ² / ndf 7592 / 76
p0 794.4 ± 0.6491
950
900
850
800
750
700
650

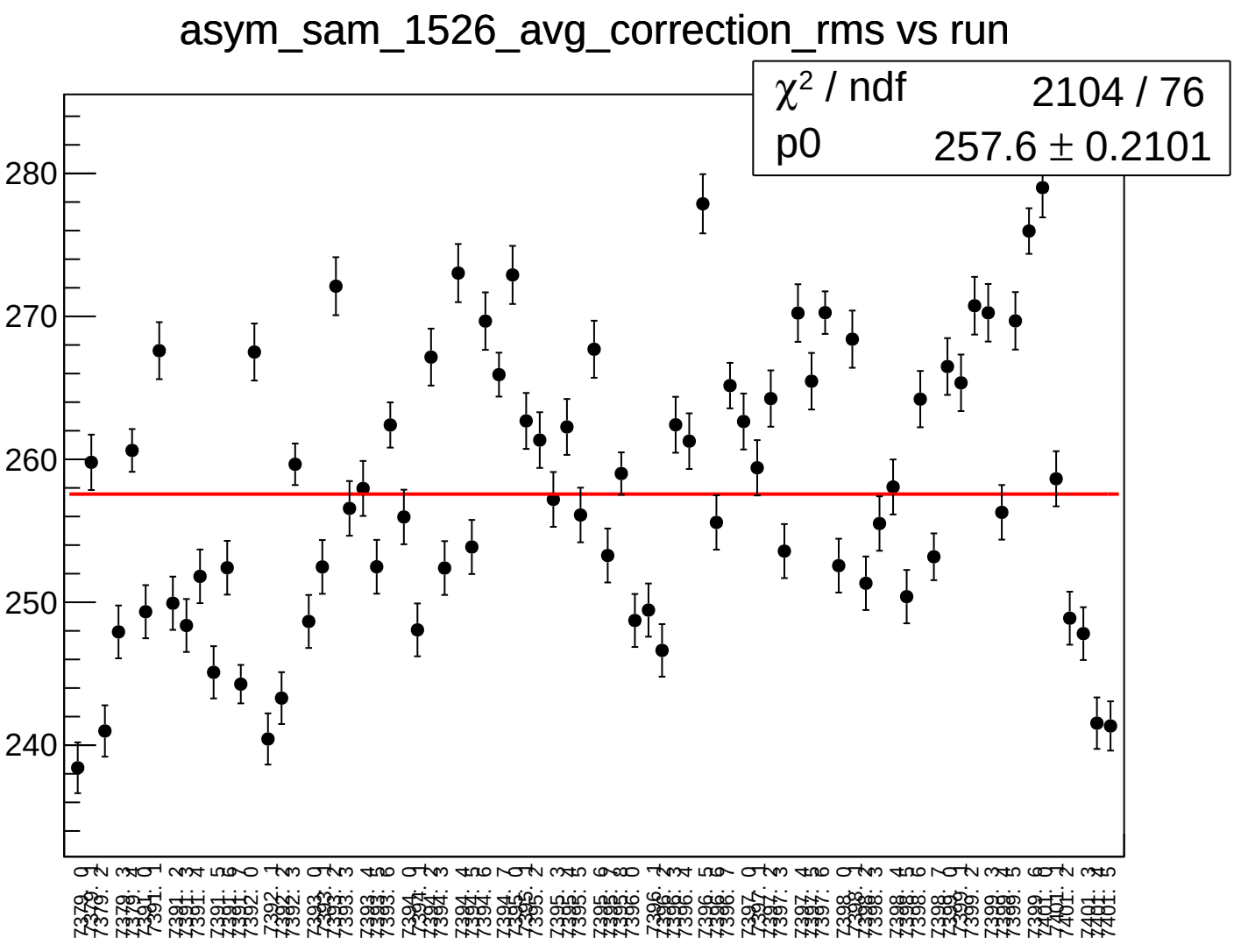

dit_asym_sam_1526_avg_mean vs run
χ² / ndf 88.28 / 76
p0 52.05 ± 100.4
pull
Entries 77
Mean −44.22
Std Dev 43.31

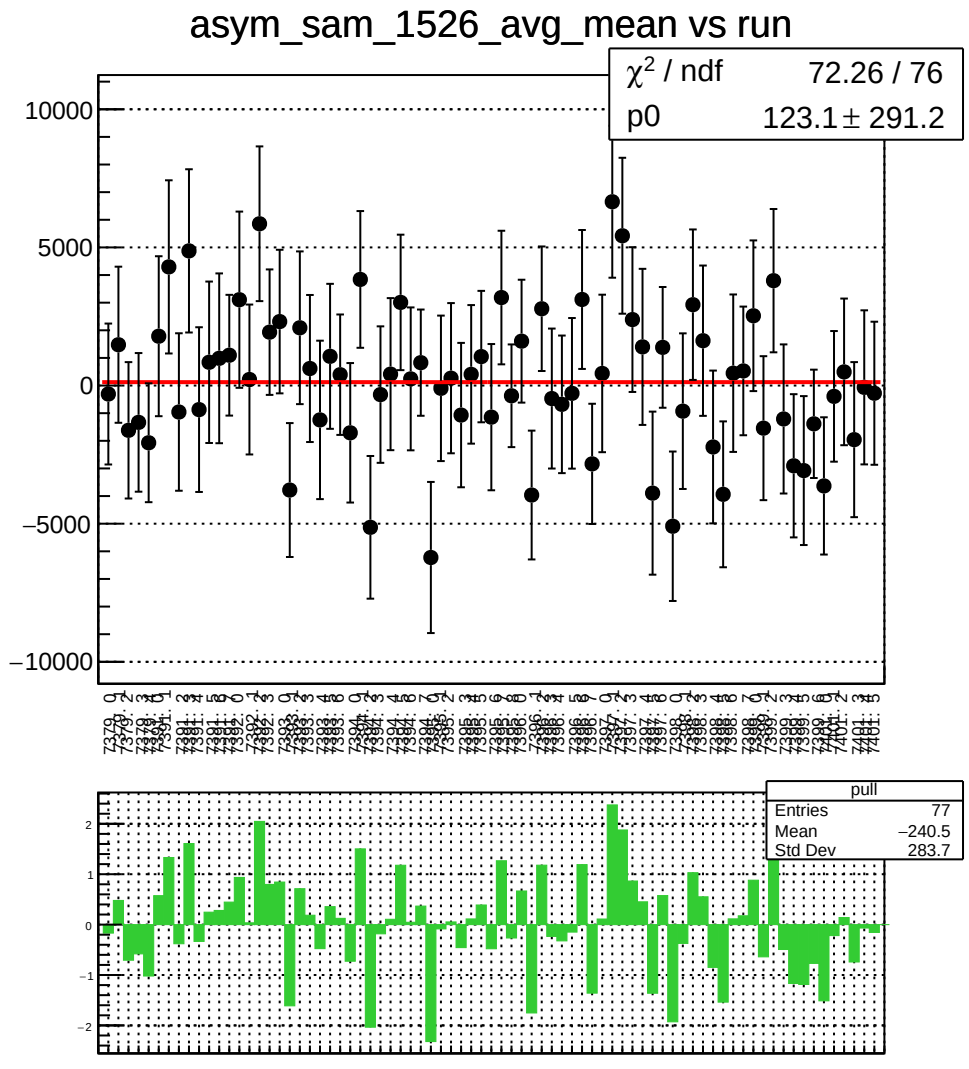

pull1D
Entries 77
Mean 0.01408
Std Dev 1.071

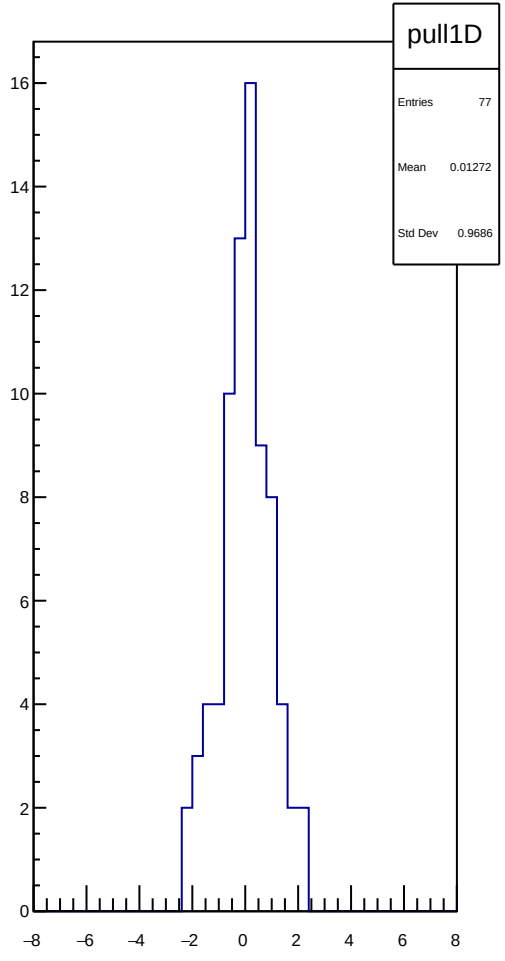

dit_asym_sam_1526_avg_rms vs run
χ^2 / ndf 3.115e+04 / 76
p0 86.19 ± 0.07099
160
140
120
100
80
60

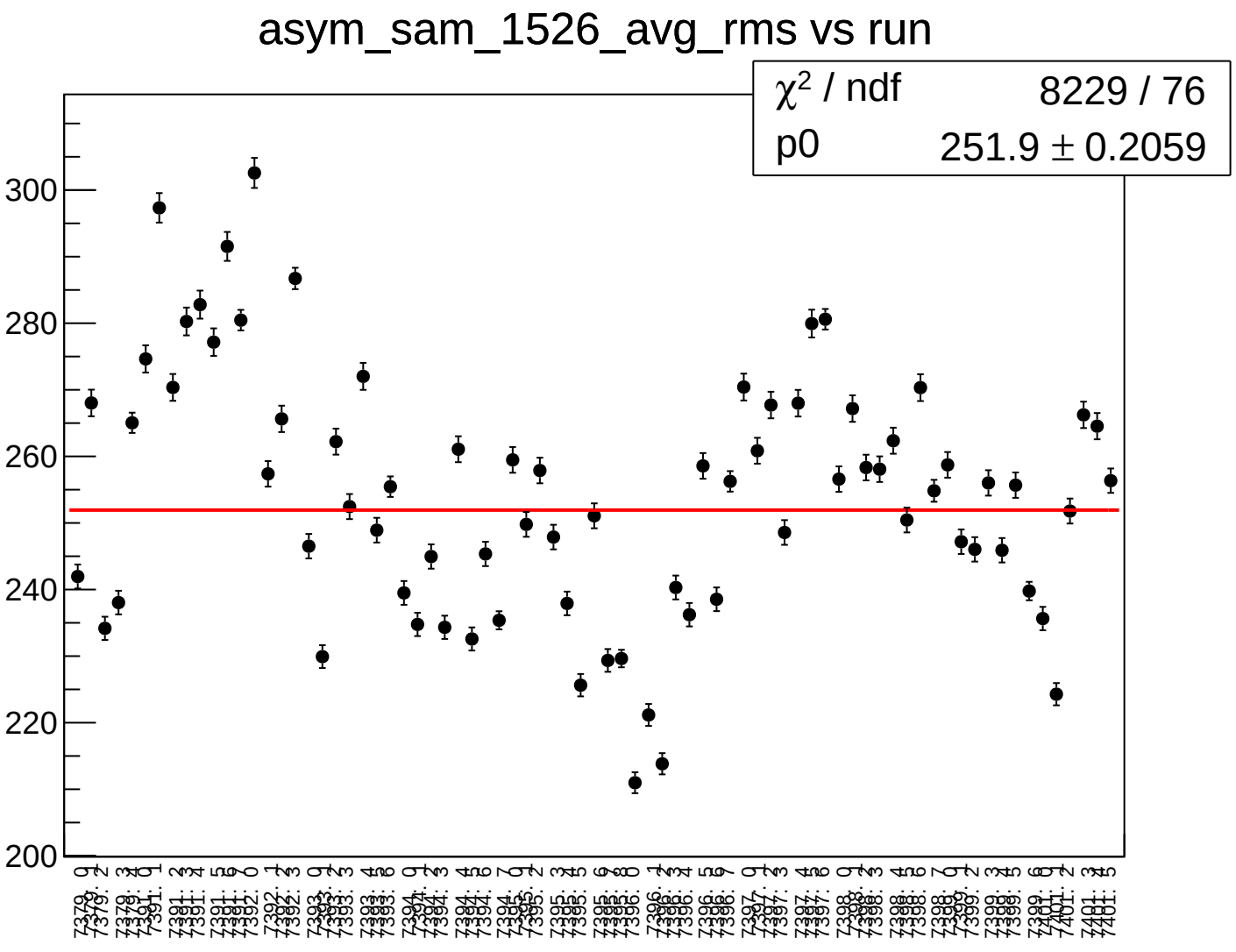

asym_sam_1526_avg_correction_mean vs run
χ² / ndf 79.62 / 76
p0 −144.9 ± 297.1
10000
5000
0
−5000
−10000
pull
Entries 77
Mean 517.5
Std Dev 470.4
2
1
0
−1
−2
−3

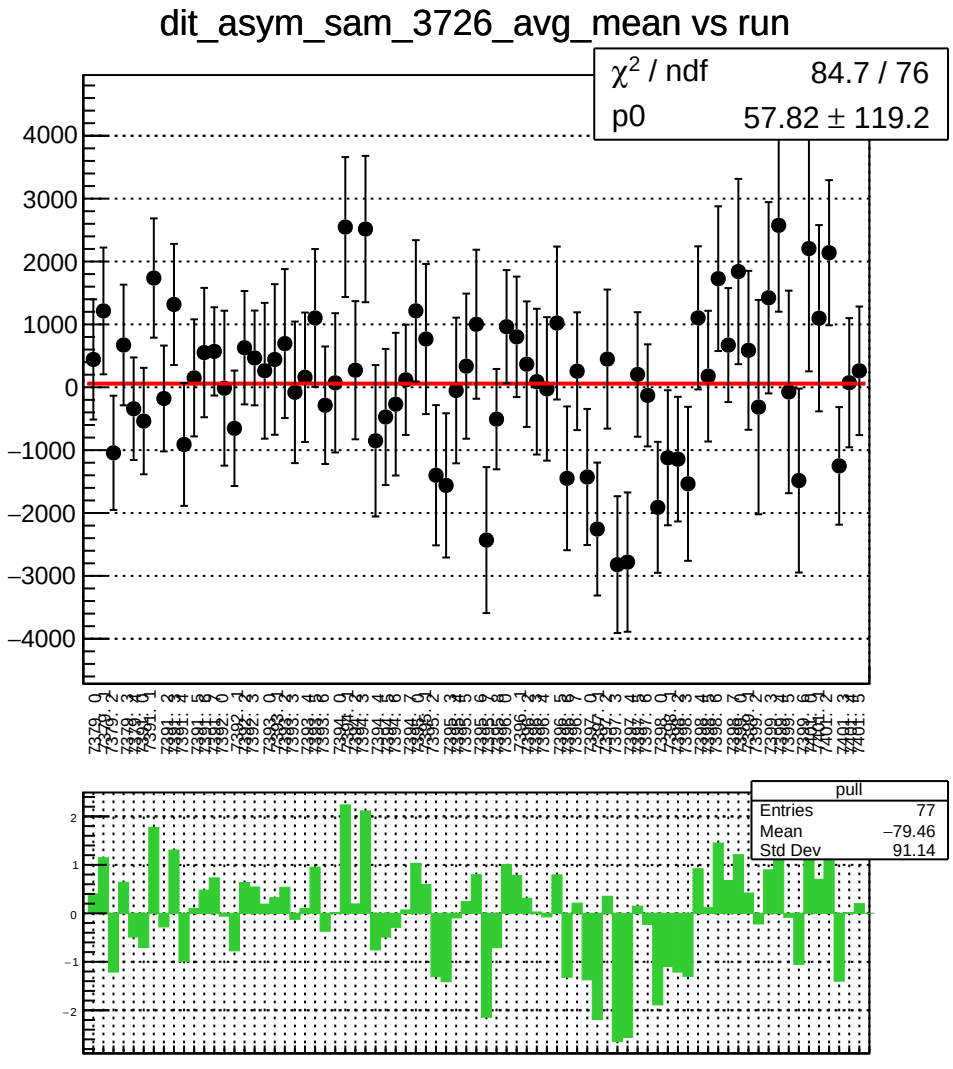

pull1D
Entries 77
Mean 0.007466
Std Dev 1.017
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

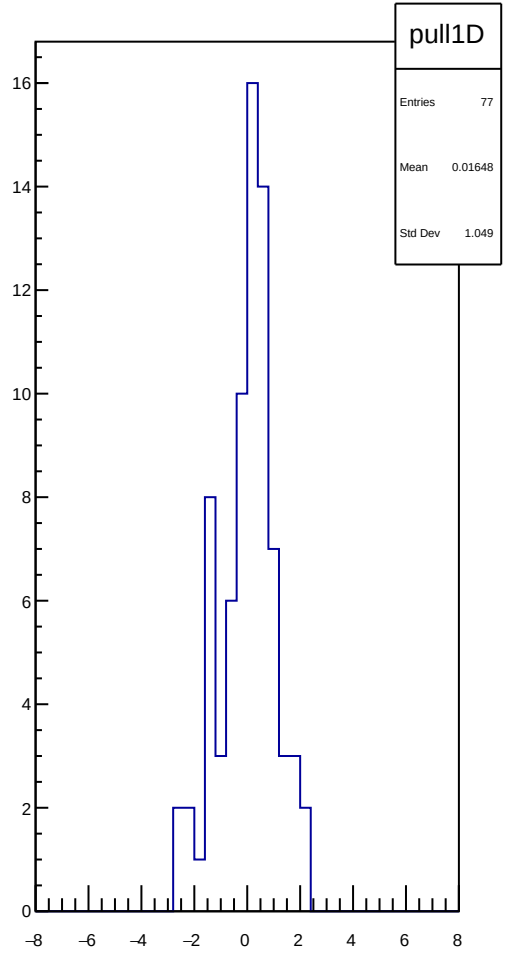

asym_sam_1526_avg_correction_rms vs run
χ² / ndf 2104 / 76
p0 257.6 ± 0.2101
280
270
260
250
240

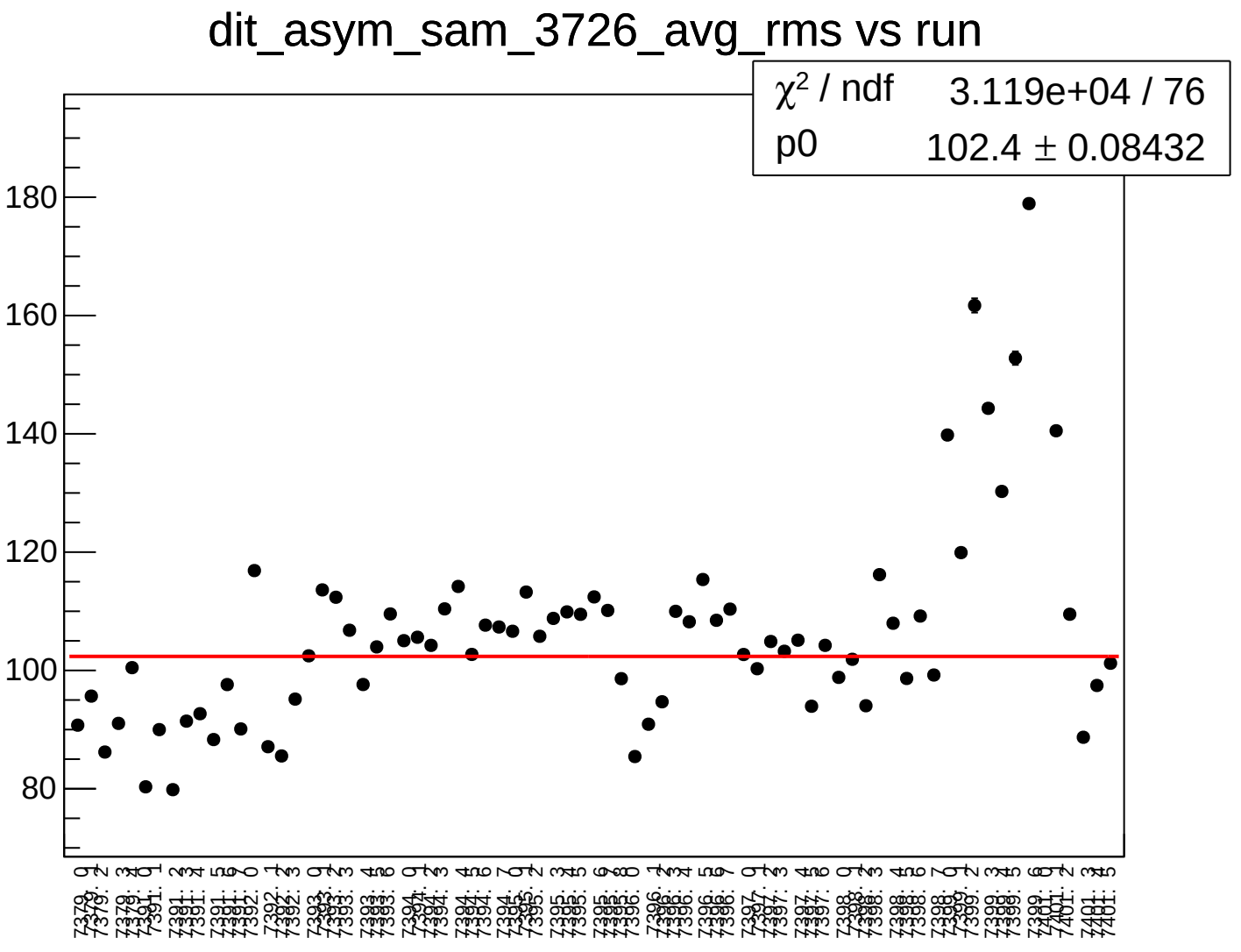

asym_sam_1526_avg_mean vs run
χ² / ndf 72.26 / 76
p0 123.1 ± 291.2
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −240.5
Std Dev 283.7
2
1
0
−1
−2

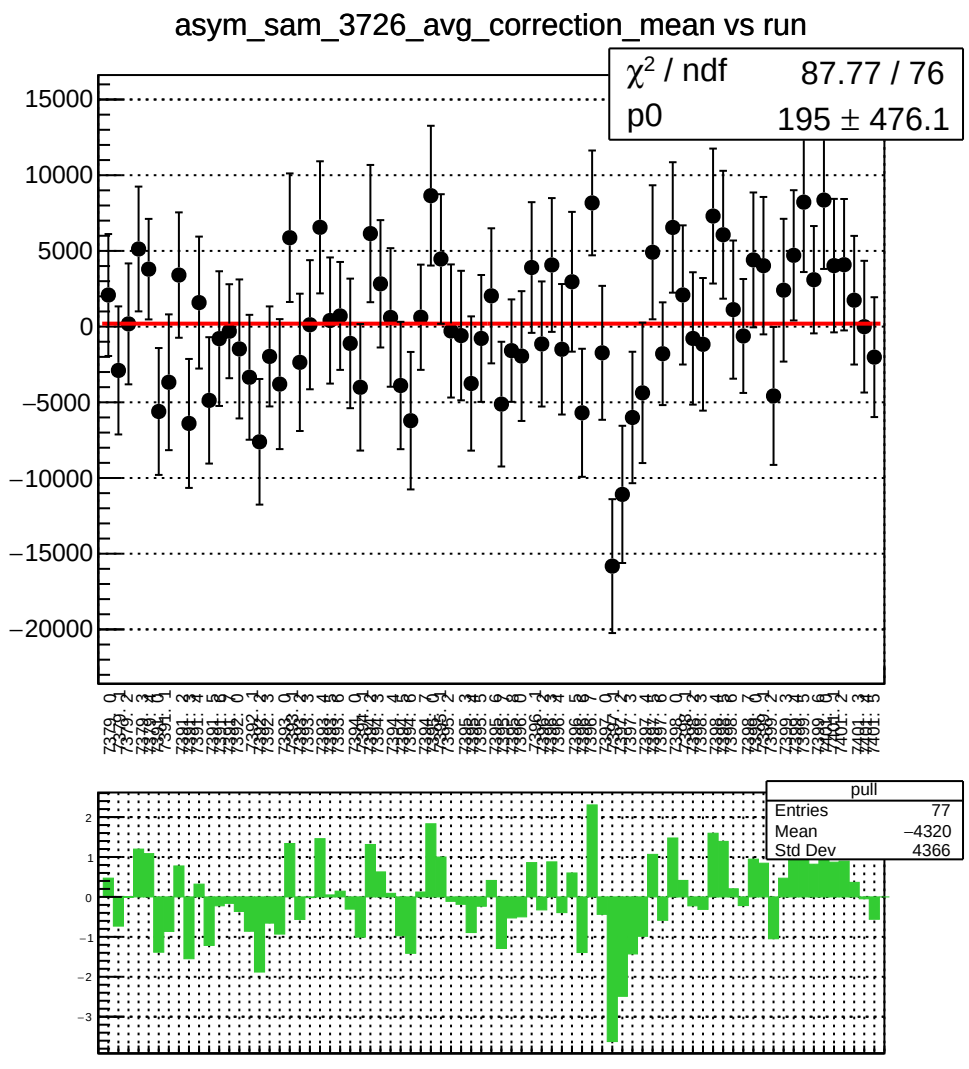

pull1D
Entries 77
Mean 0.01272
Std Dev 0.9686
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

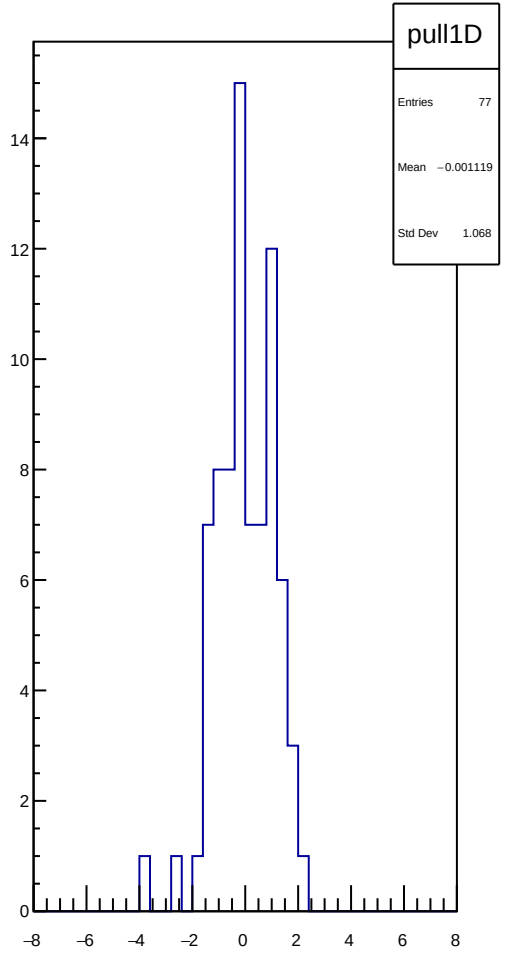

asym_sam_1526_avg_rms vs run
χ² / ndf 8229 / 76
p0 251.9 ± 0.2059
300
280
260
240
220
200

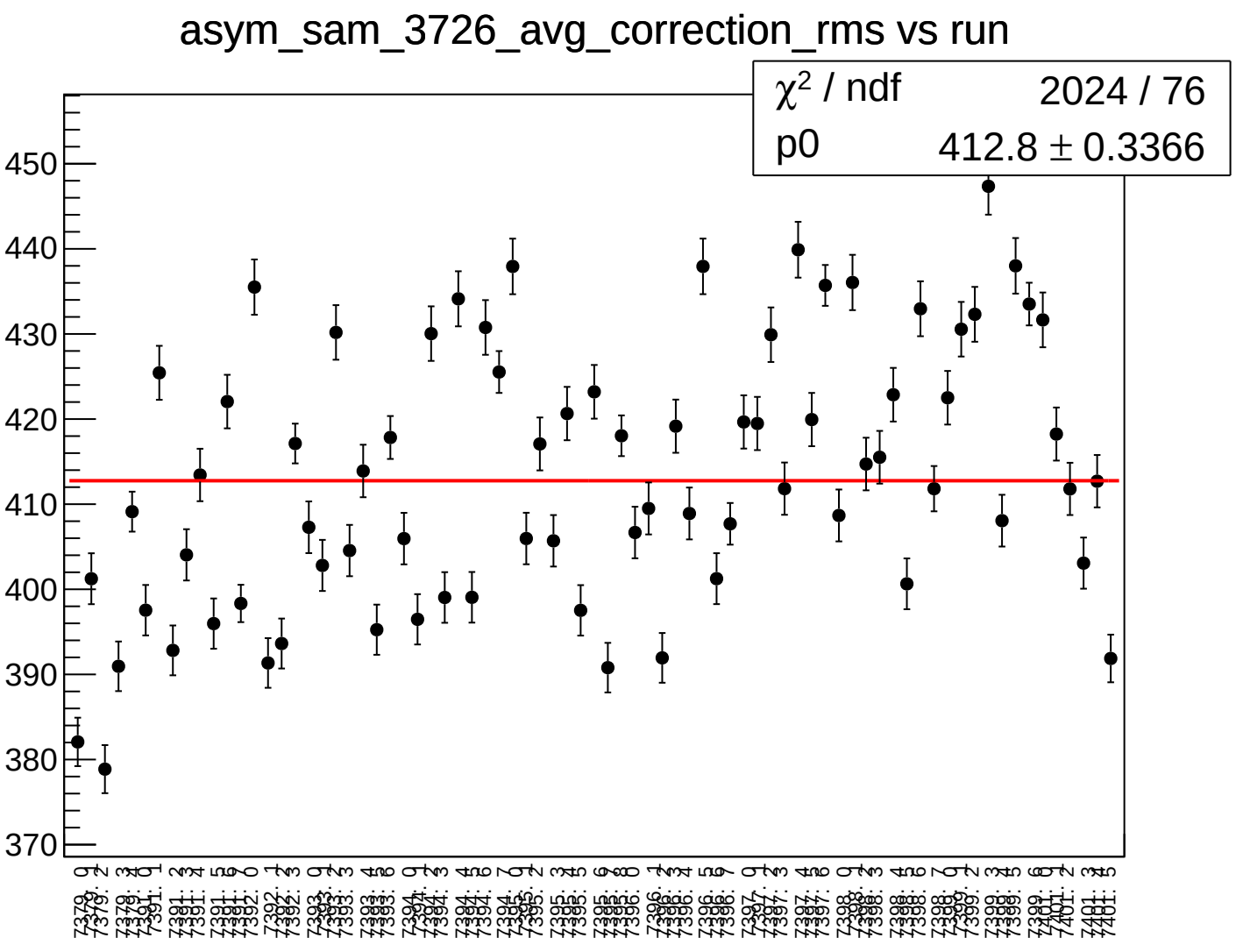

dit_asym_sam_3726_avg_mean vs run
χ² / ndf 84.7 / 76
p0 57.82 ± 119.2
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
pull
Entries 77
Mean −79.46
Std Dev 91.14
2
1
0
−1
−2

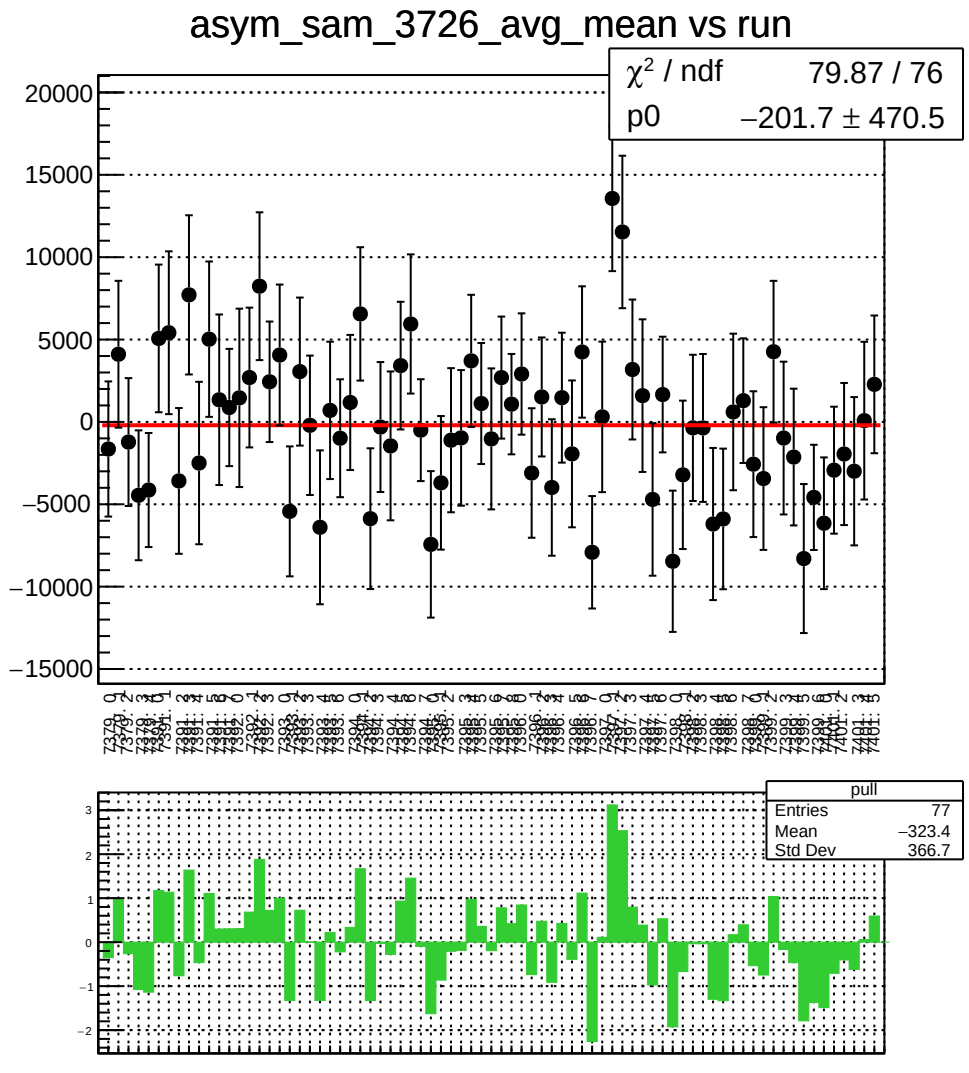

pull1D
Entries 77
Mean 0.01648
Std Dev 1.049
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

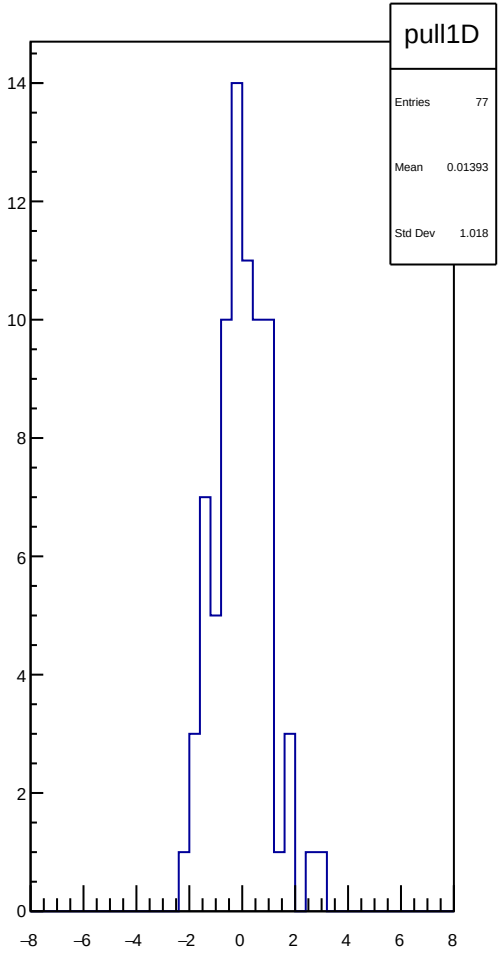

dit_asym_sam_3726_avg_rms vs run
χ² / ndf 3.119e+04 / 76
p0 102.4 ± 0.08432
180
160
140
120
100
80

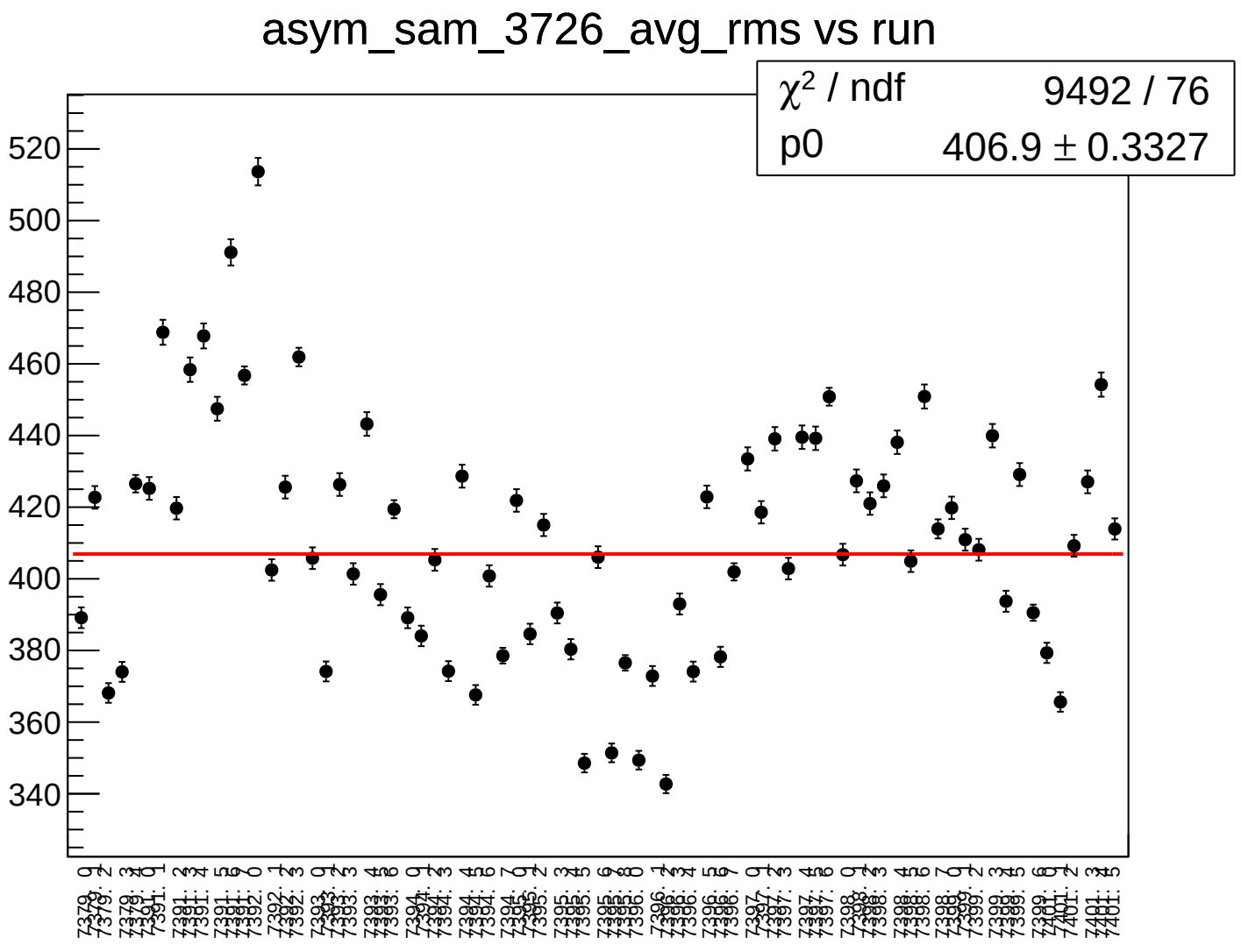

asym_sam_3726_avg_correction_mean vs run
χ² / ndf 87.77 / 76
p0 195 ± 476.1
pull
Entries 77
Mean −4320
Std Dev 4366

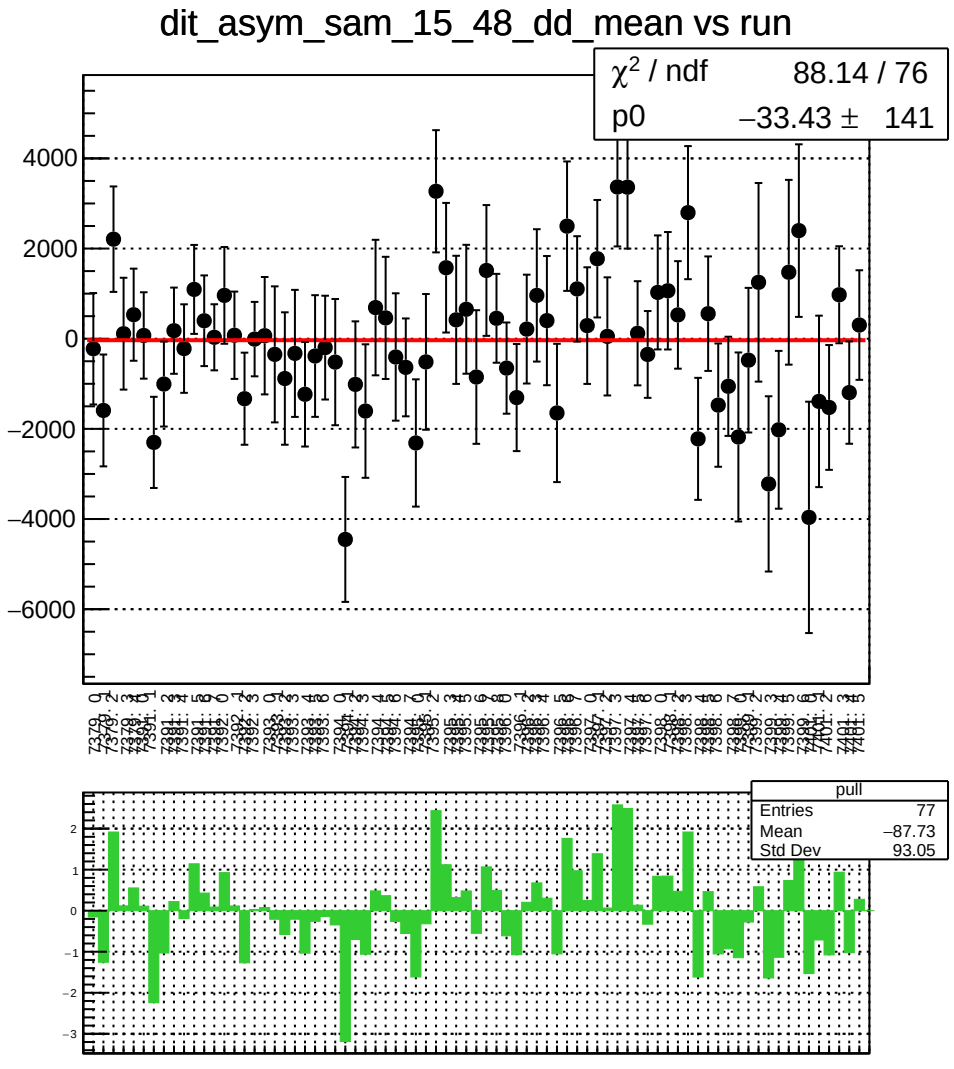

pull1D
Entries 77
Mean −0.001119
Std Dev 1.068

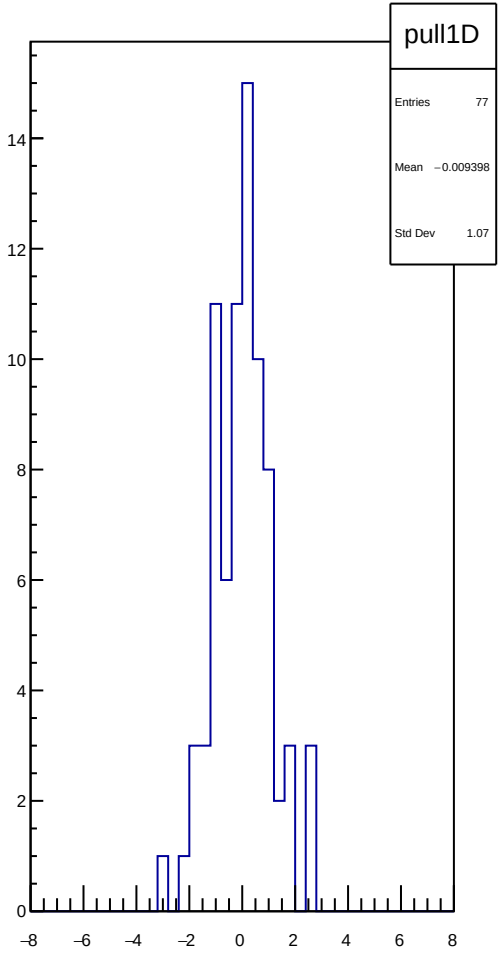

asym_sam_3726_avg_correction_rms vs run
χ² / ndf 2024 / 76
p0 412.8 ± 0.3366
450
440
430
420
410
400
390
380
370

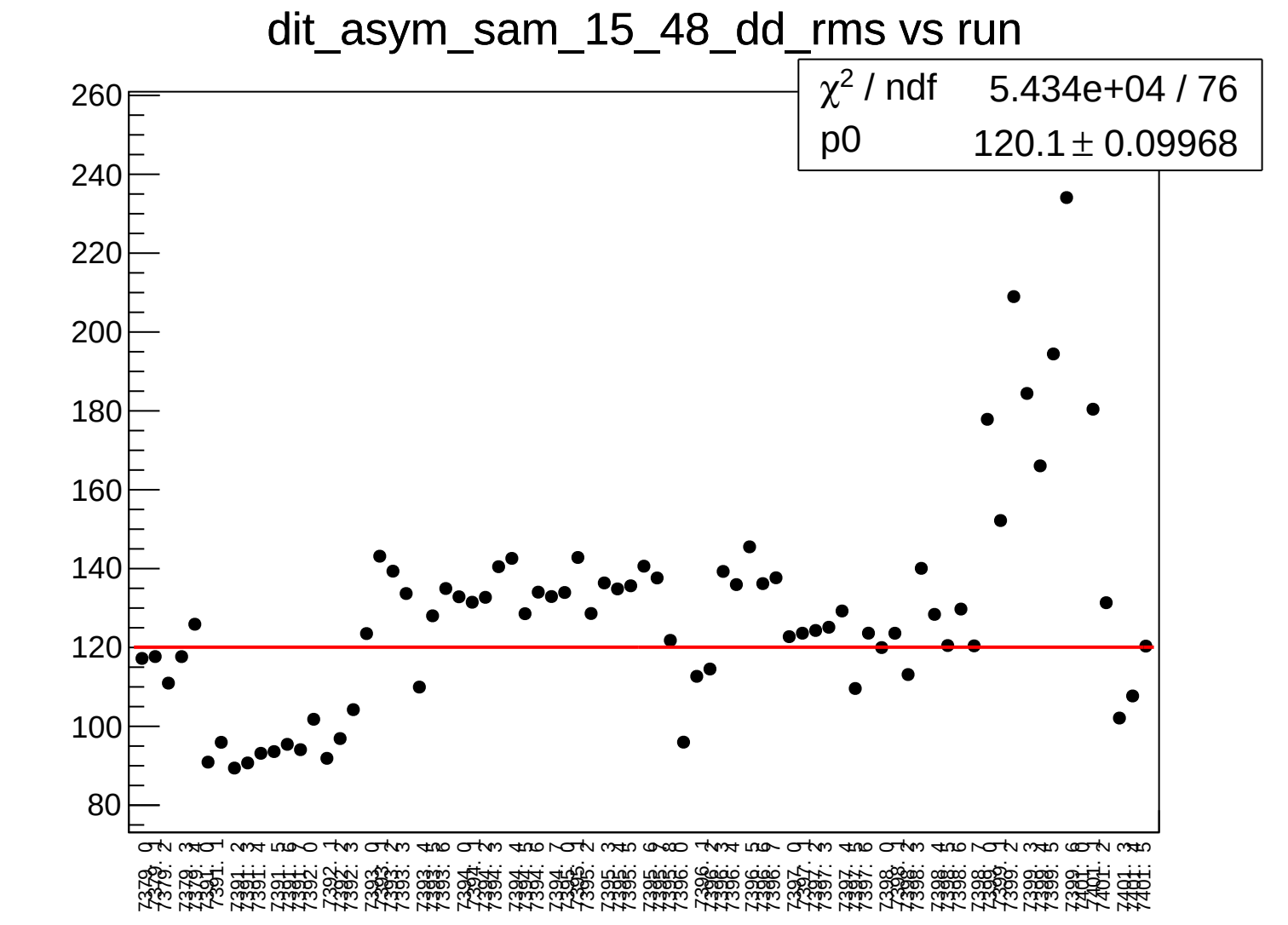

asym_sam_3726_avg_mean vs run
χ² / ndf 79.87 / 76
p0 −201.7 ± 470.5
pull
Entries 77
Mean −323.4
Std Dev 366.7

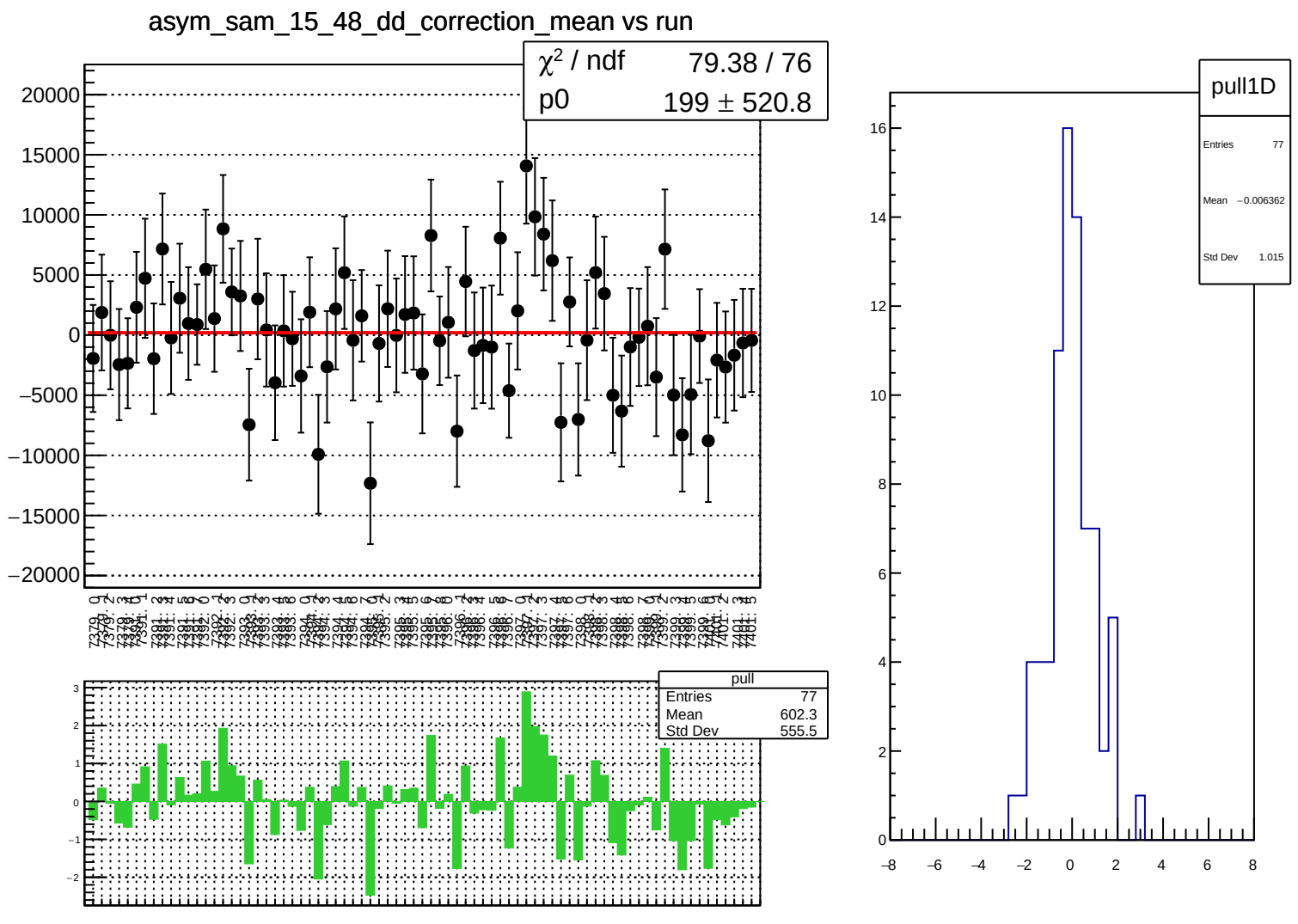

pull1D
Entries 77
Mean 0.01393
Std Dev 1.018

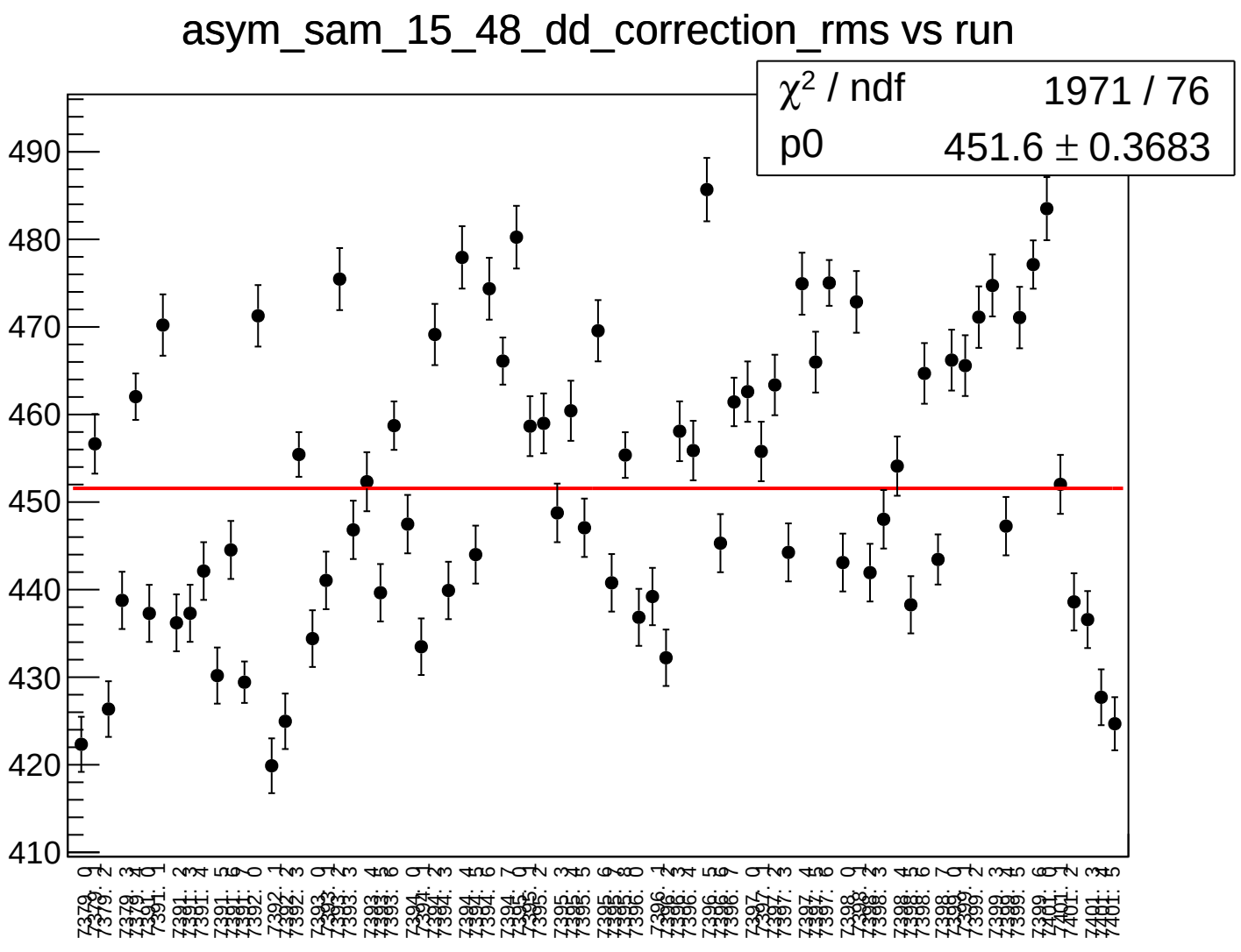

asym_sam_3726_avg_rms vs run
χ² / ndf 9492 / 76
p0 406.9 ± 0.3327
520
500
480
460
440
420
400
380
360
340

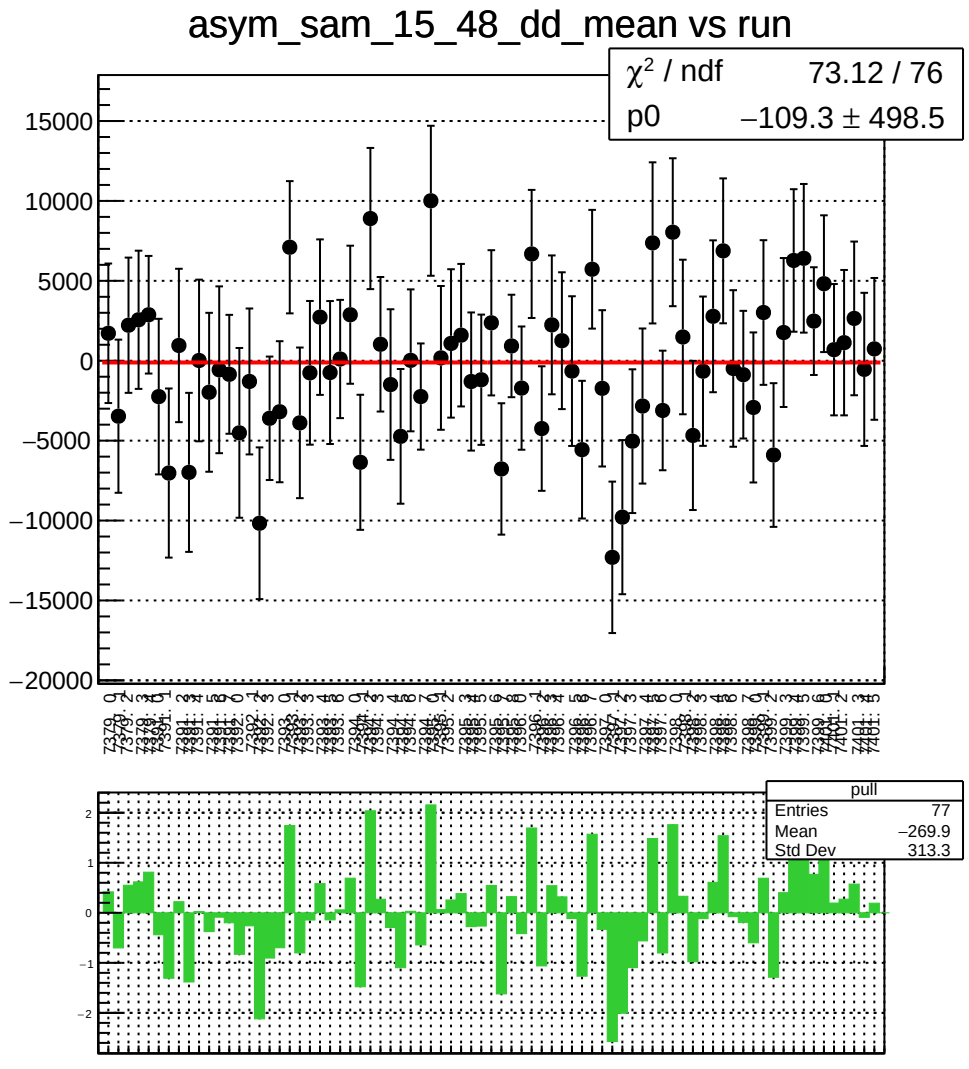

dit_asym_sam_15_48_dd_mean vs run
χ² / ndf 88.14 / 76
p0 −33.43 ± 141
4000
2000
0
−2000
−4000
−6000
pull
Entries 77
Mean −87.73
Std Dev 93.05
2
1
0
−1
−2
−3

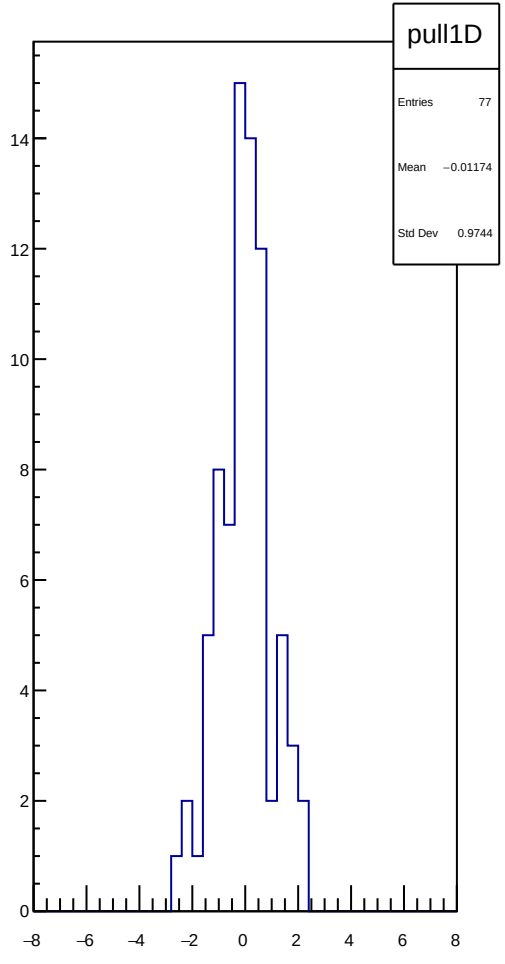

pull1D
Entries 77
Mean −0.009398
Std Dev 1.07
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

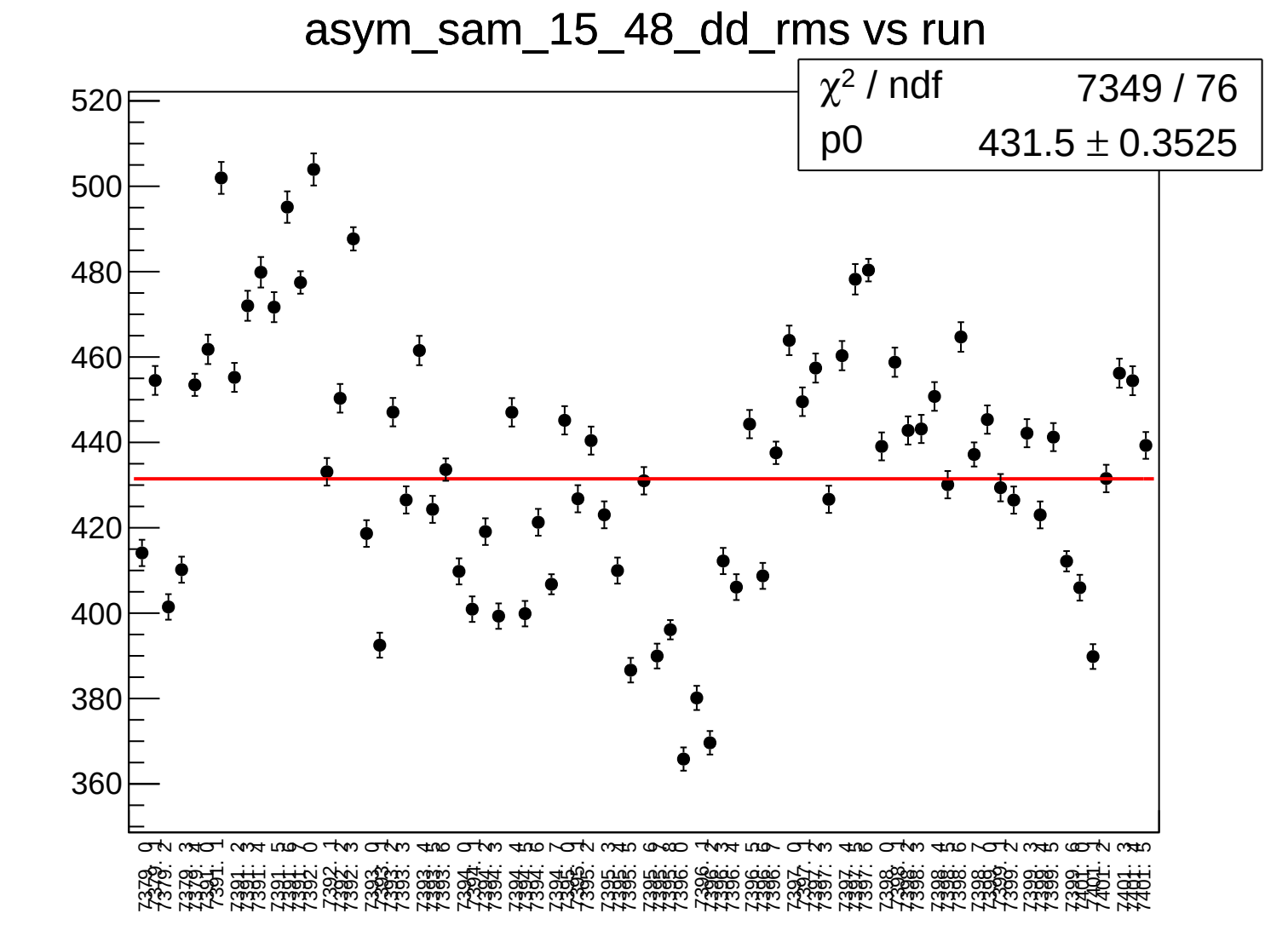

dit_asym_sam_15_48_dd_rms vs run
χ^2 / ndf 5.434e+04 / 76
p0 120.1 ± 0.09968
260
240
220
200
180
160
140
120
100
80

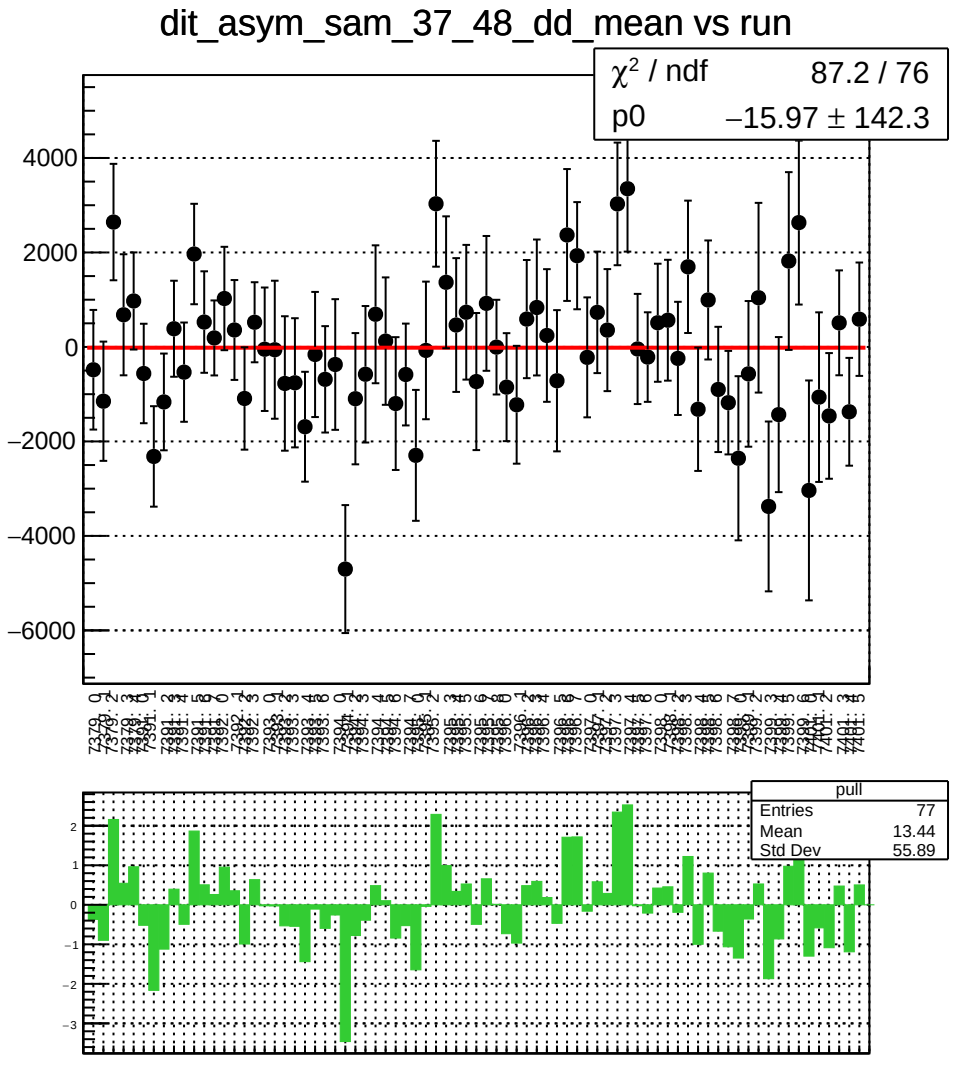

asym_sam_15_48_dd_correction_mean vs run
χ² / ndf 79.38 / 76
p0 199 ± 520.8
pull
Entries 77
Mean 602.3
Std Dev 555.5
pull1D
Entries 77
Mean −0.006362
Std Dev 1.015

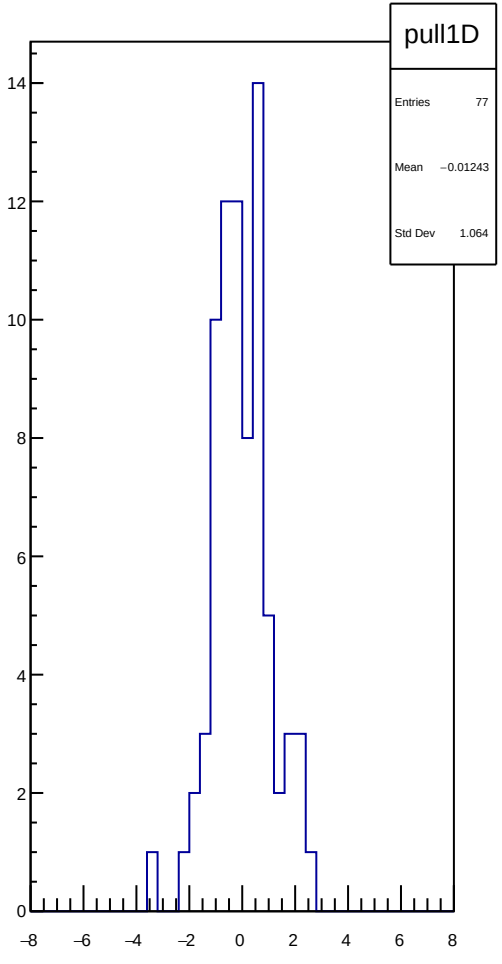

asym_sam_15_48_dd_correction_rms vs run
χ² / ndf 1971 / 76
p0 451.6 ± 0.3683
490
480
470
460
450
440
430
420
410

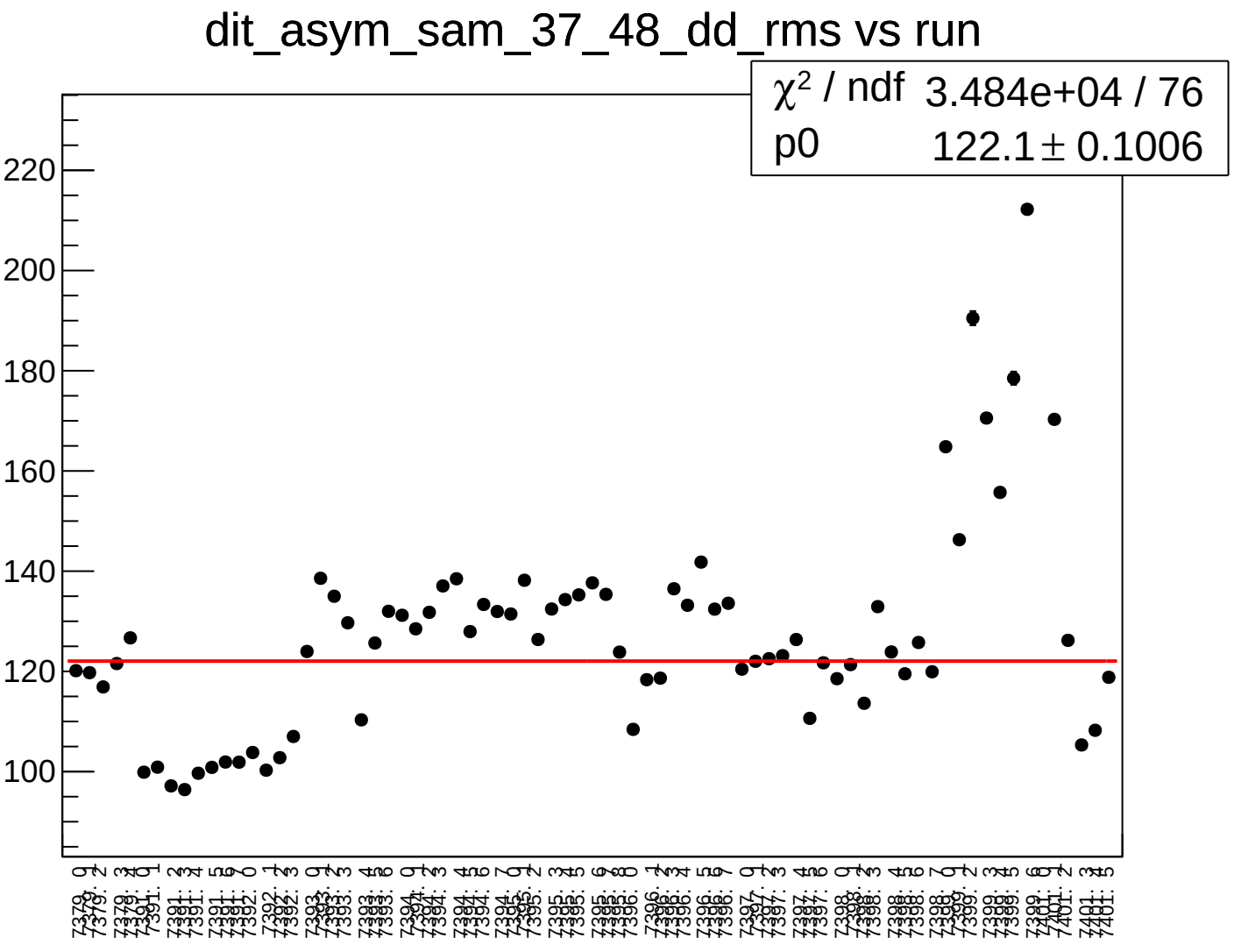

asym_sam_15_48_dd_mean vs run
χ² / ndf 73.12 / 76
p0 −109.3 ± 498.5
pull
Entries 77
Mean −269.9
Std Dev 313.3

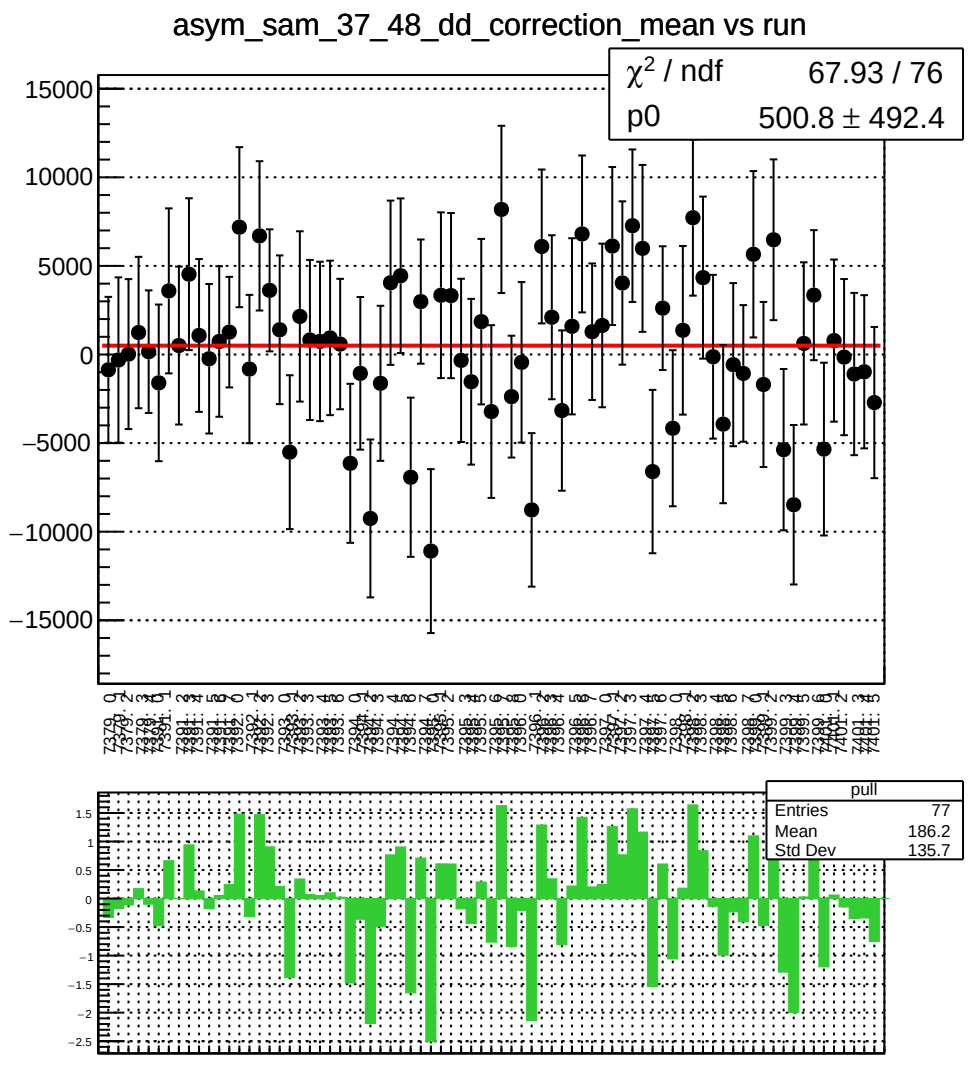

pull1D
Entries 77
Mean −0.01174
Std Dev 0.9744

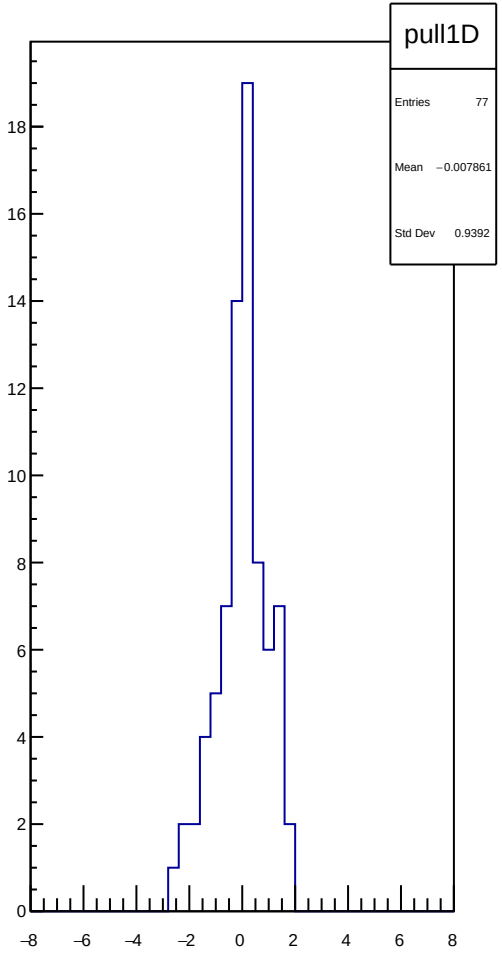

asym_sam_15_48_dd_rms vs run
χ² / ndf 7349 / 76
p0 431.5 ± 0.3525
520
500
480
460
440
420
400
380
360

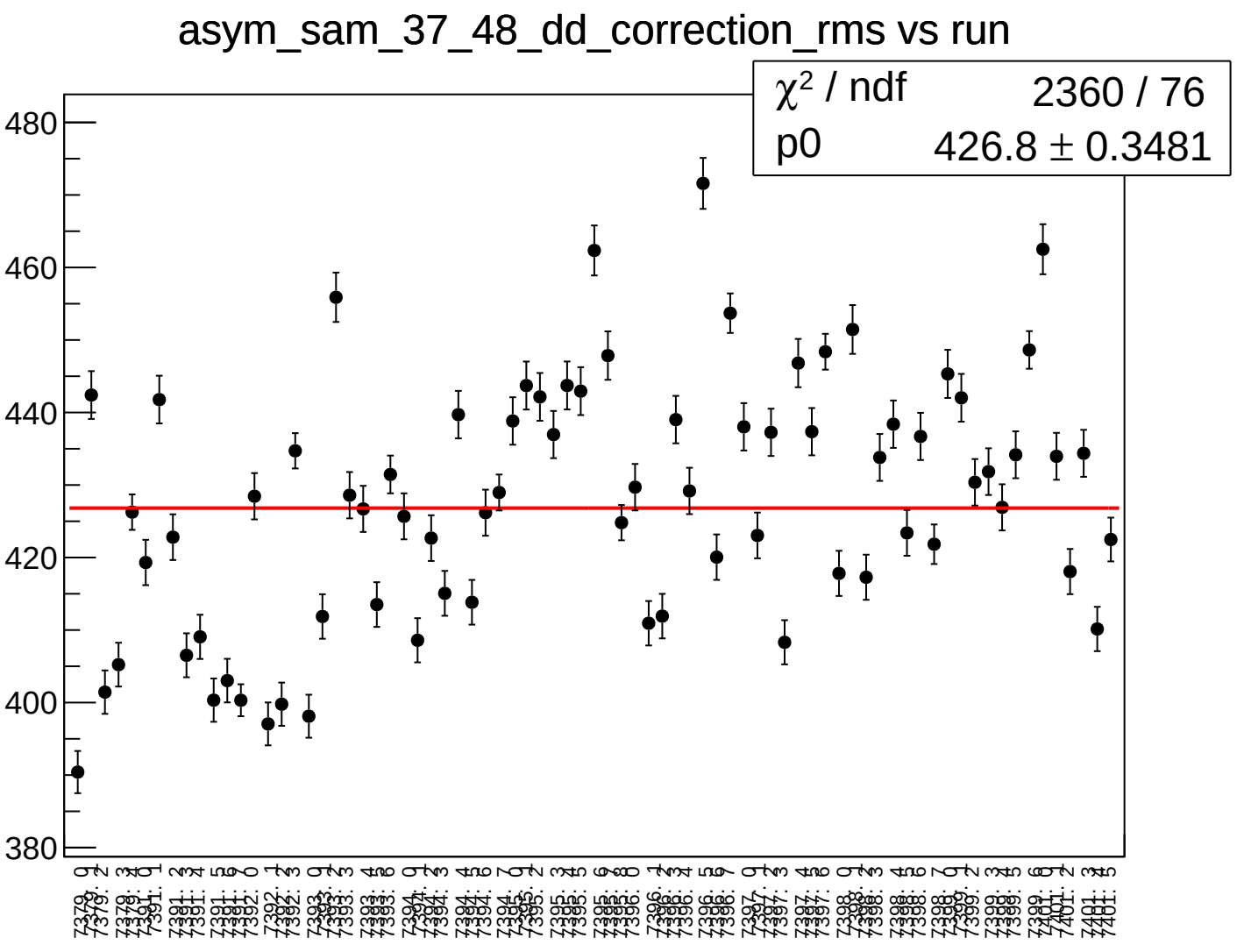

dit_asym_sam_37_48_dd_mean vs run
χ² / ndf 87.2 / 76
p0 −15.97 ± 142.3
4000
2000
0
−2000
−4000
−6000
pull
Entries 77
Mean 13.44
Std Dev 55.89
2
1
0
−1
−2
−3

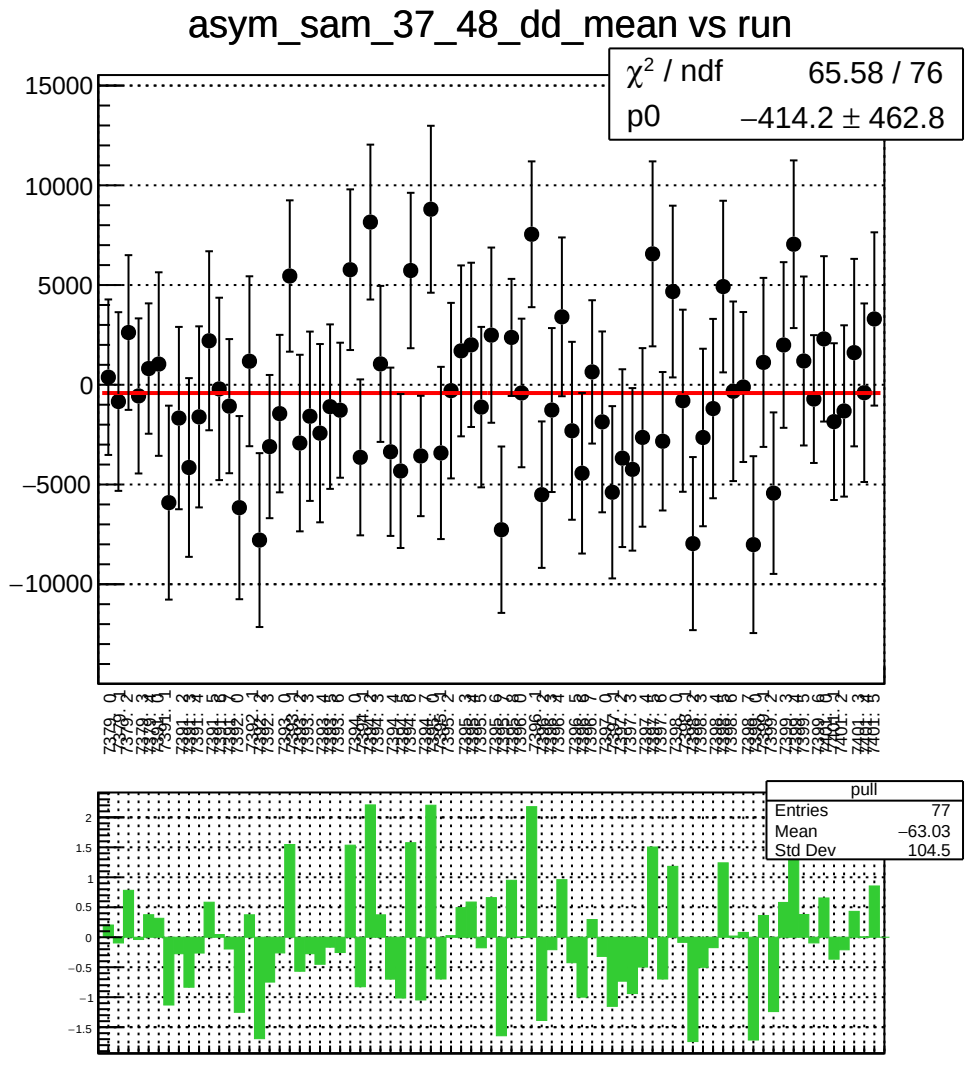

pull1D
Entries 77
Mean −0.01243
Std Dev 1.064
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

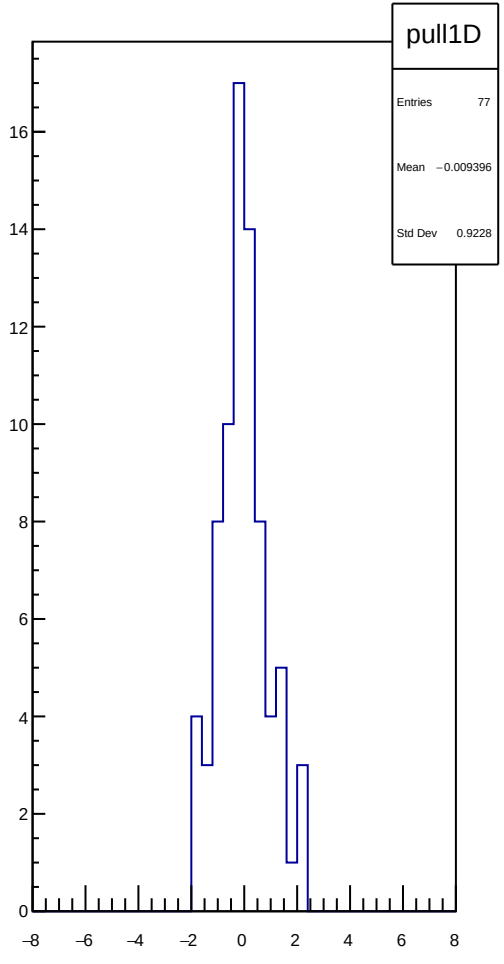

dit_asym_sam_37_48_dd_rms vs run
χ² / ndf 3.484e+04 / 76
p0 122.1 ± 0.1006
220
200
180
160
140
120
100

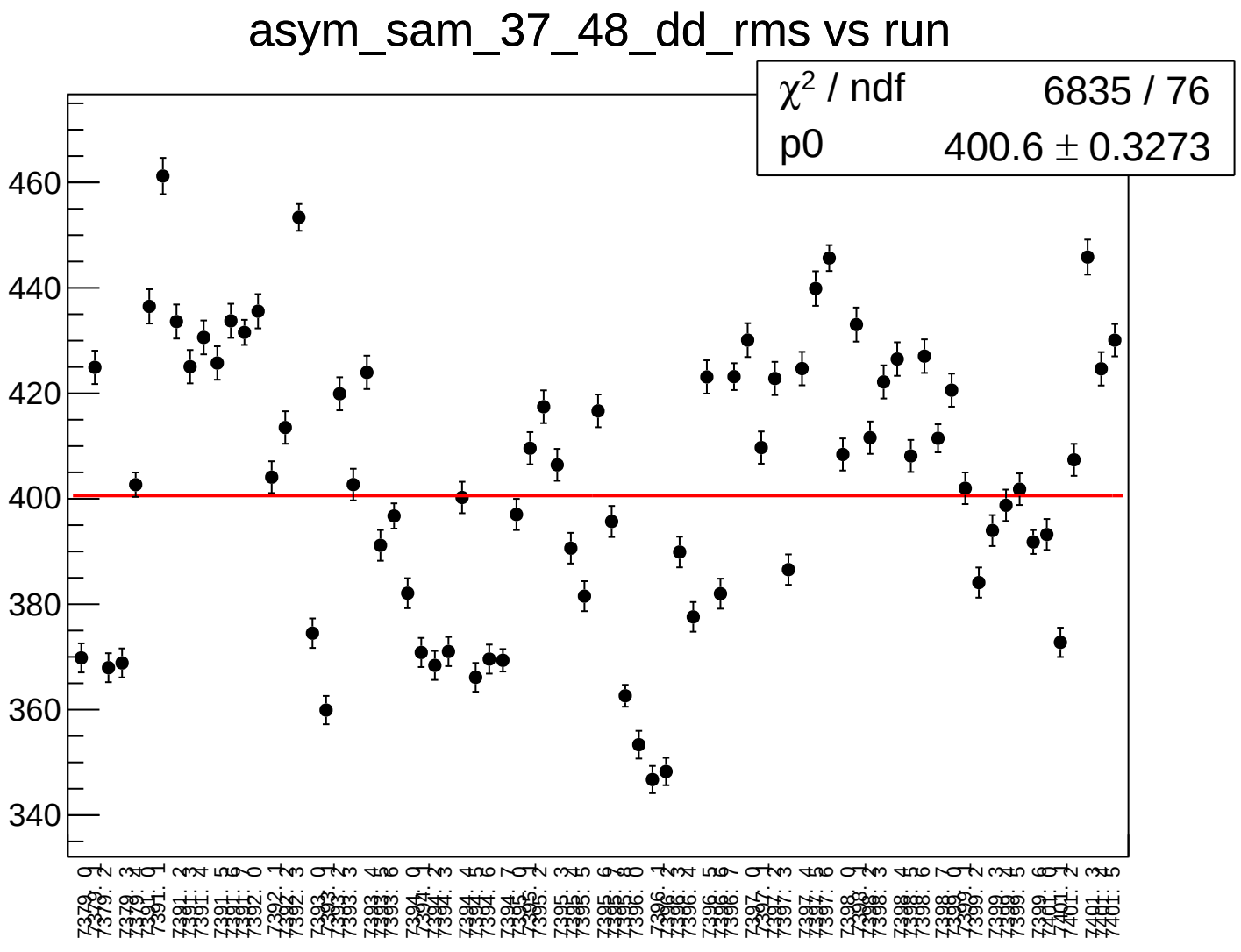

asym_sam_37_48_dd_correction_mean vs run
χ² / ndf 67.93 / 76
p0 500.8 ± 492.4
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 77
Mean 186.2
Std Dev 135.7
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

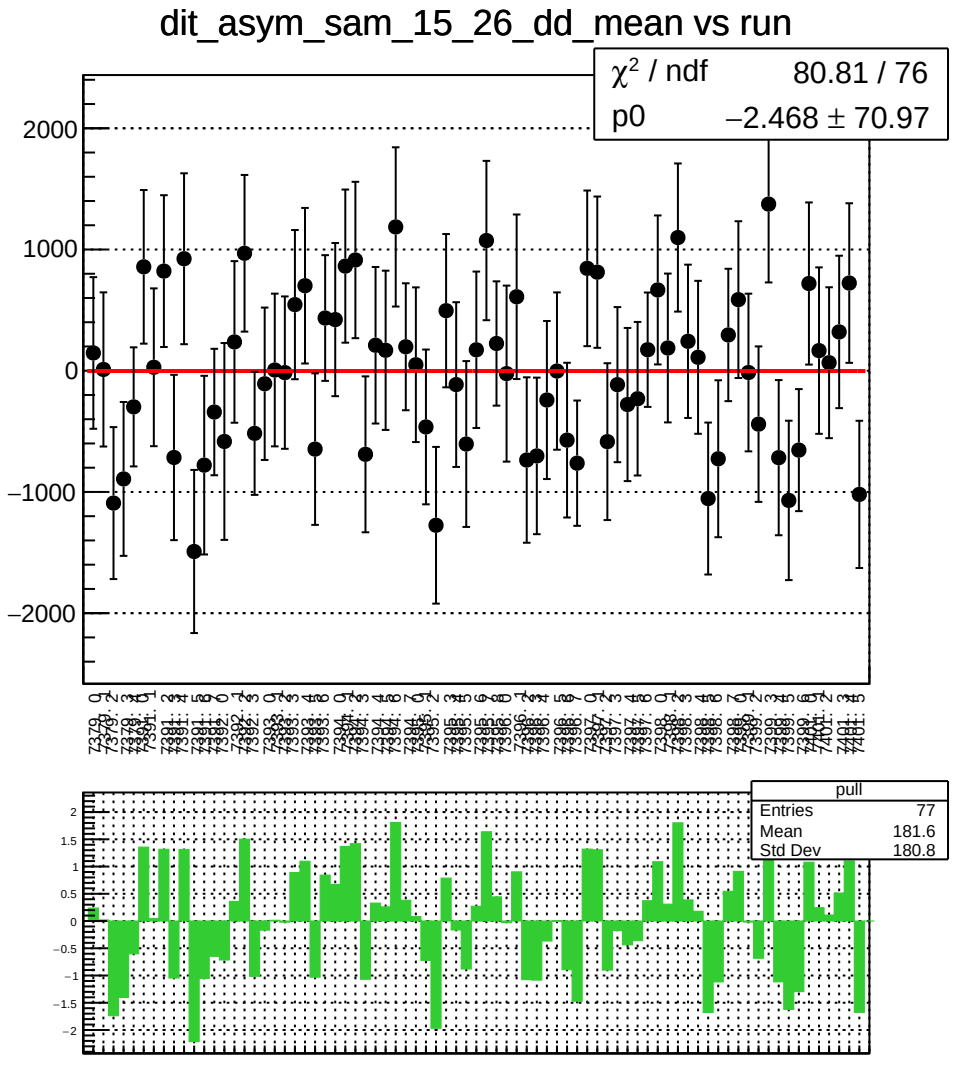

pull1D
Entries 77
Mean −0.007861
Std Dev 0.9392
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

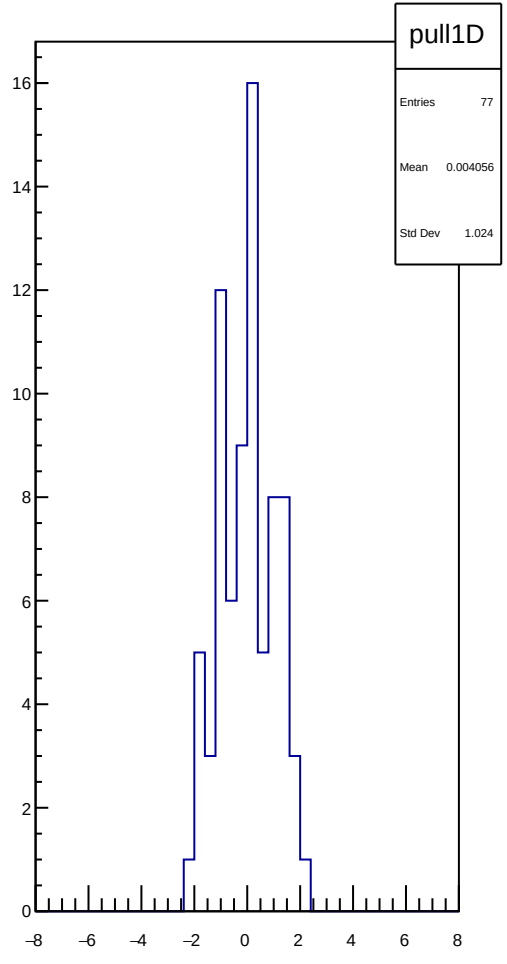

asym_sam_37_48_dd_correction_rms vs run
χ² / ndf 2360 / 76
p0 426.8 ± 0.3481
480
460
440
420
400
380

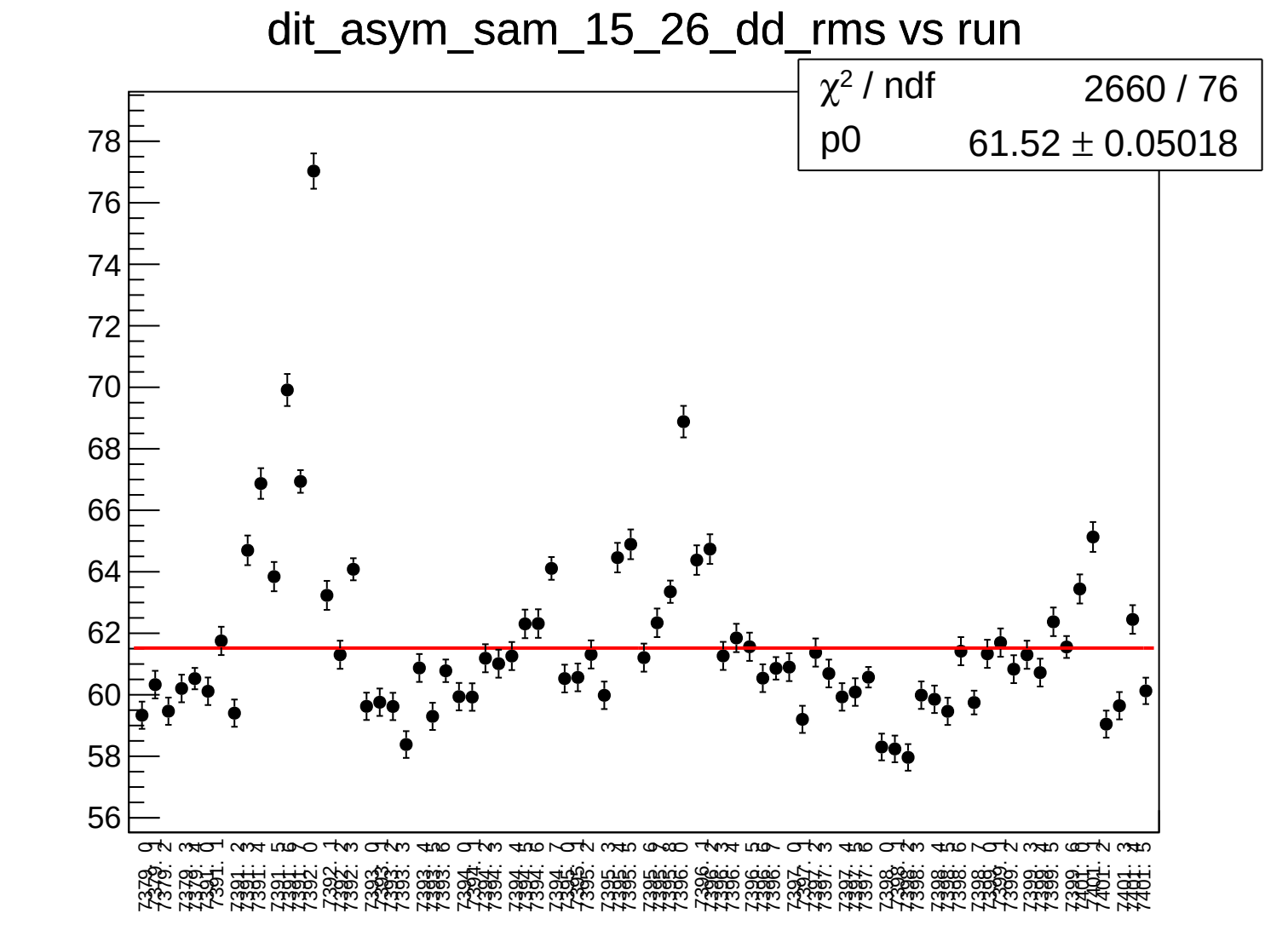

asym_sam_37_48_dd_mean vs run
χ² / ndf 65.58 / 76
p0 −414.2 ± 462.8
15000
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −63.03
Std Dev 104.5
2
1.5
1
0.5
0
−0.5
−1
−1.5

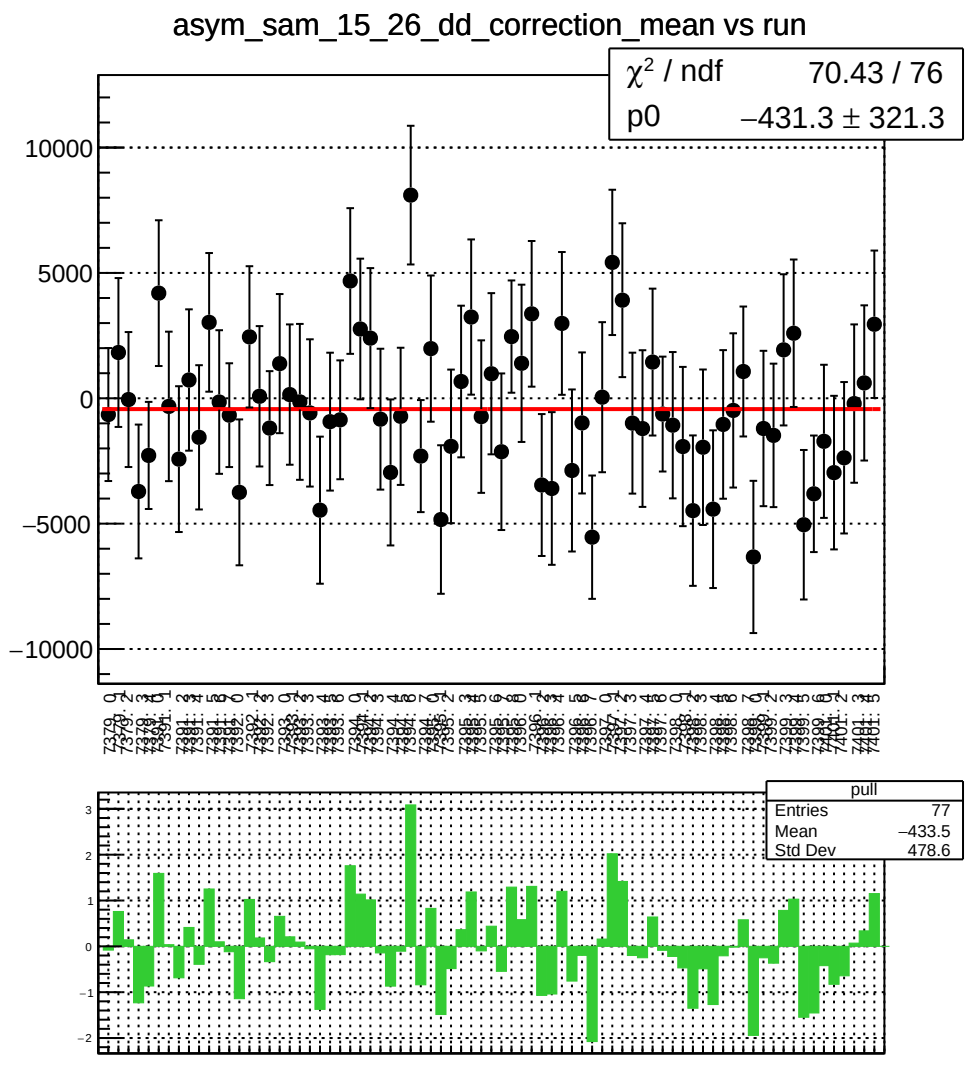

pull1D
Entries 77
Mean −0.009396
Std Dev 0.9228
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

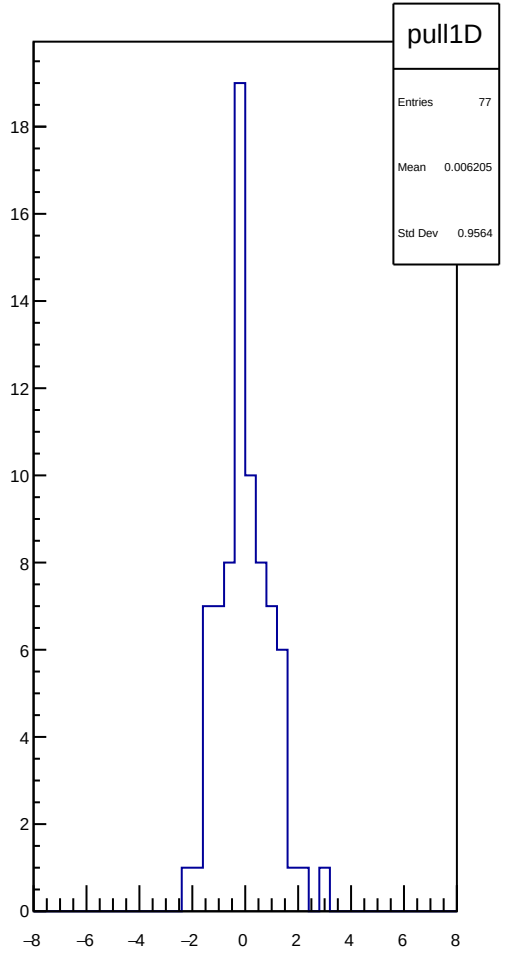

asym_sam_37_48_dd_rms vs run
χ² / ndf 6835 / 76
p0 400.6 ± 0.3273
460
440
420
400
380
360
340

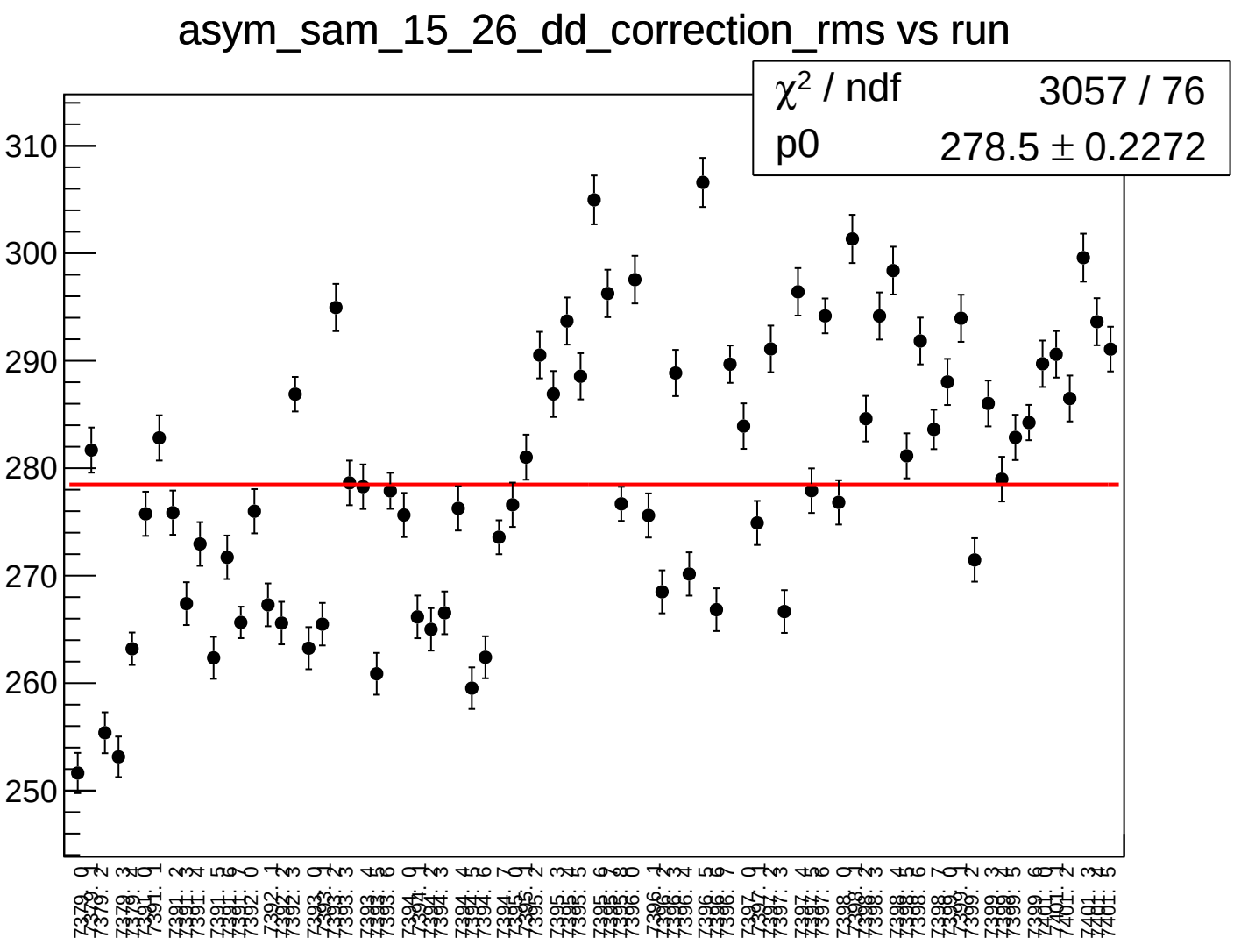

dit_asym_sam_15_26_dd_mean vs run
χ² / ndf 80.81 / 76
p0 −2.468 ± 70.97
2000
1000
0
−1000
−2000
pull
Entries 77
Mean 181.6
Std Dev 180.8
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

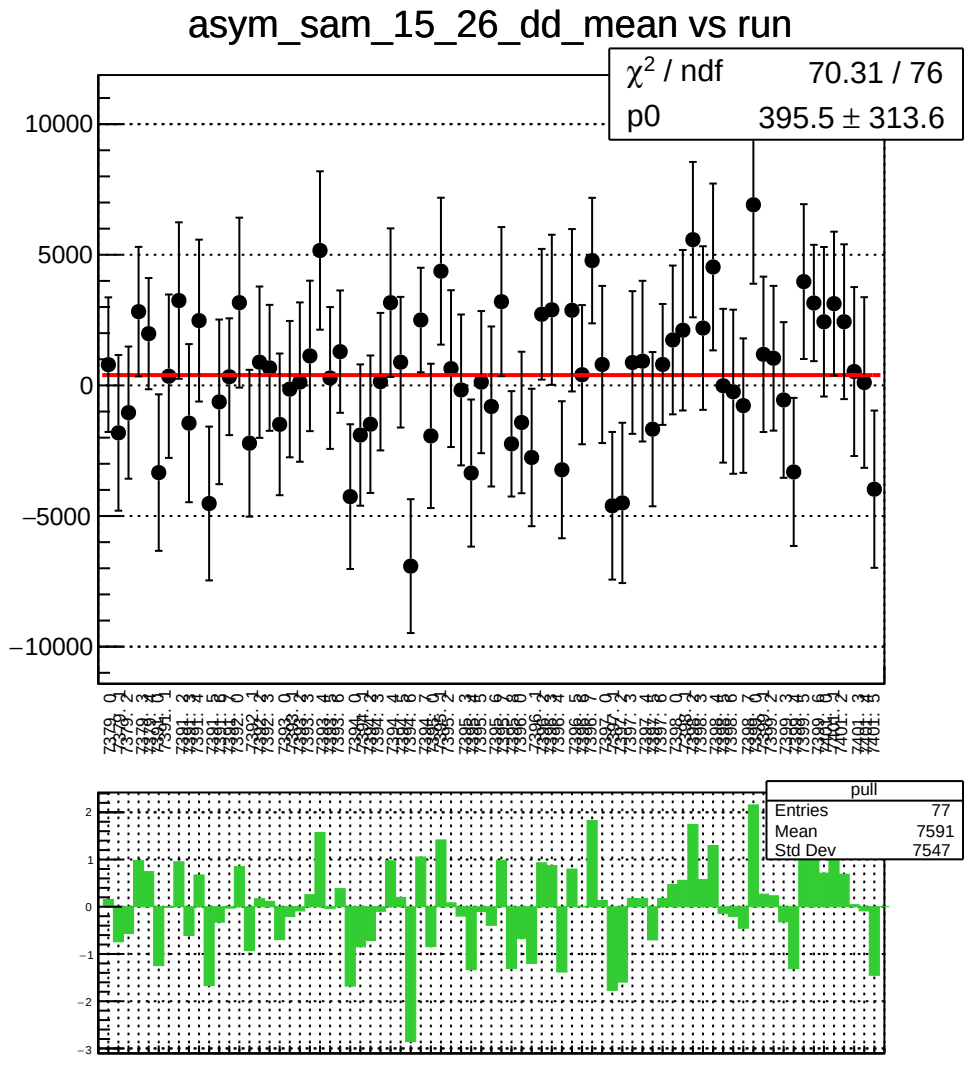

pull1D
Entries 77
Mean 0.004056
Std Dev 1.024
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

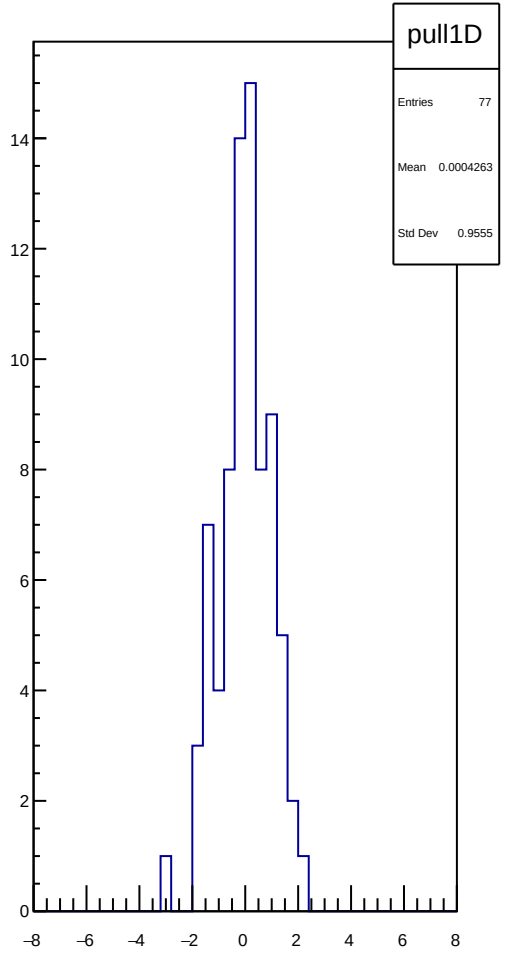

dit_asym_sam_15_26_dd_rms vs run
χ^2 / ndf 2660 / 76
p0 61.52 ± 0.05018
78
76
74
72
70
68
66
64
62
60
58
56

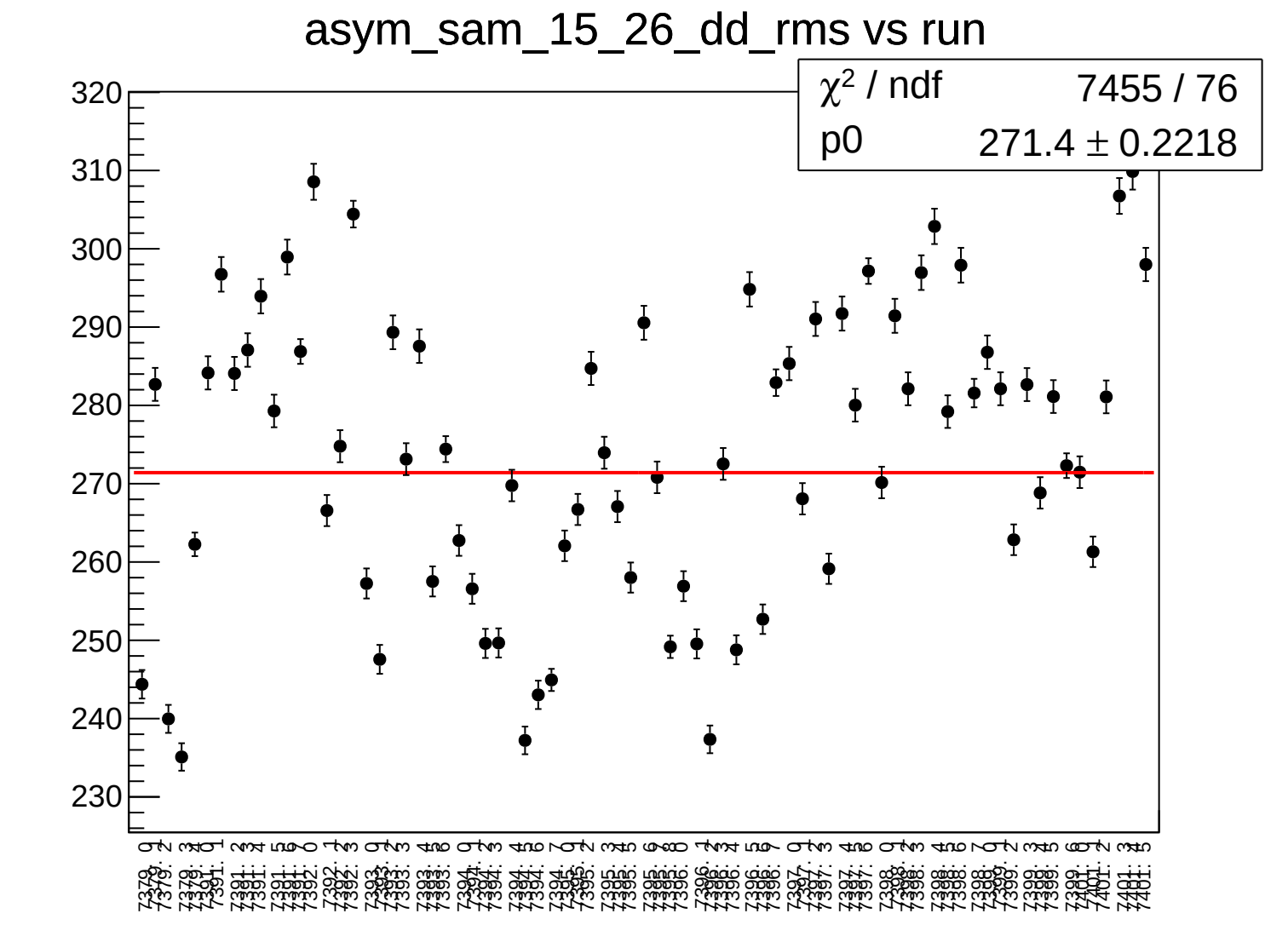

asym_sam_15_26_dd_correction_mean vs run
χ² / ndf 70.43 / 76
p0 −431.3 ± 321.3
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −433.5
Std Dev 478.6
3
2
1
0
−1
−2

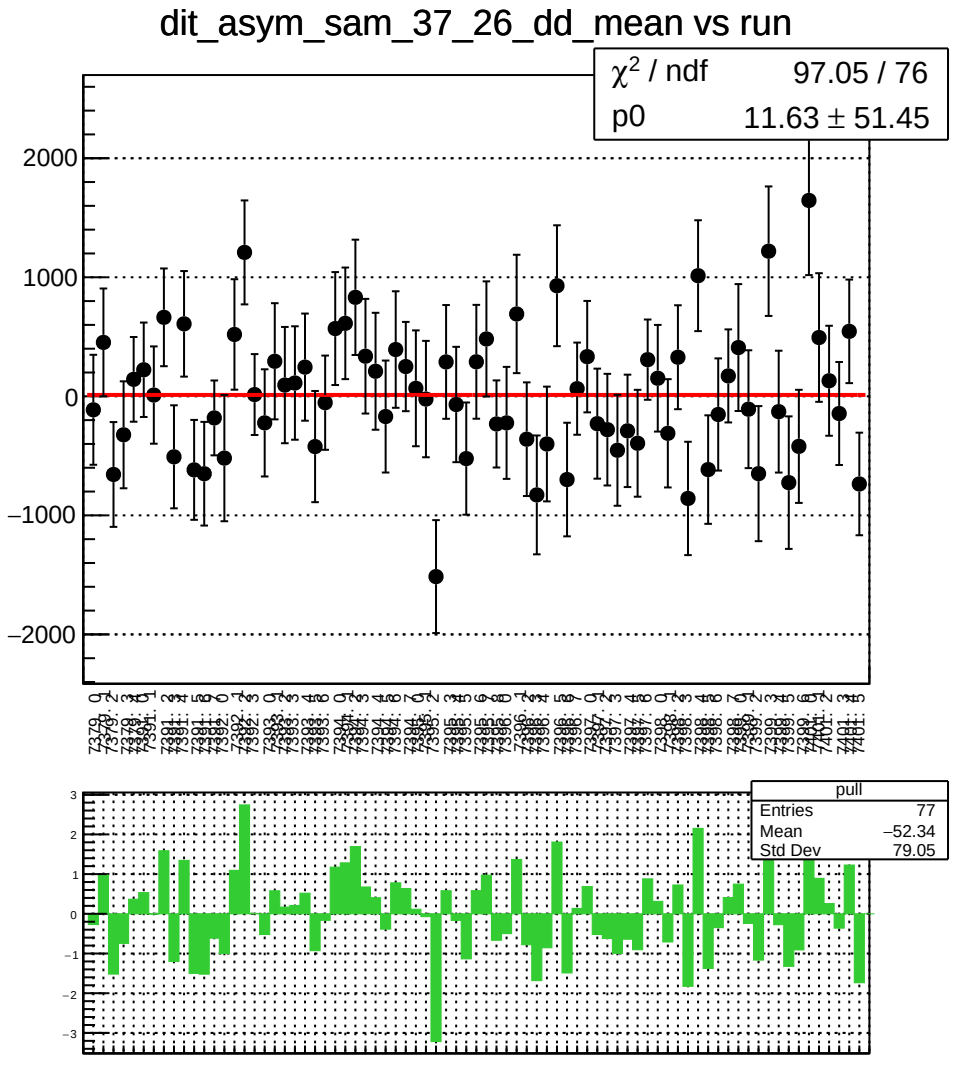

pull1D
Entries 77
Mean 0.006205
Std Dev 0.9564
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

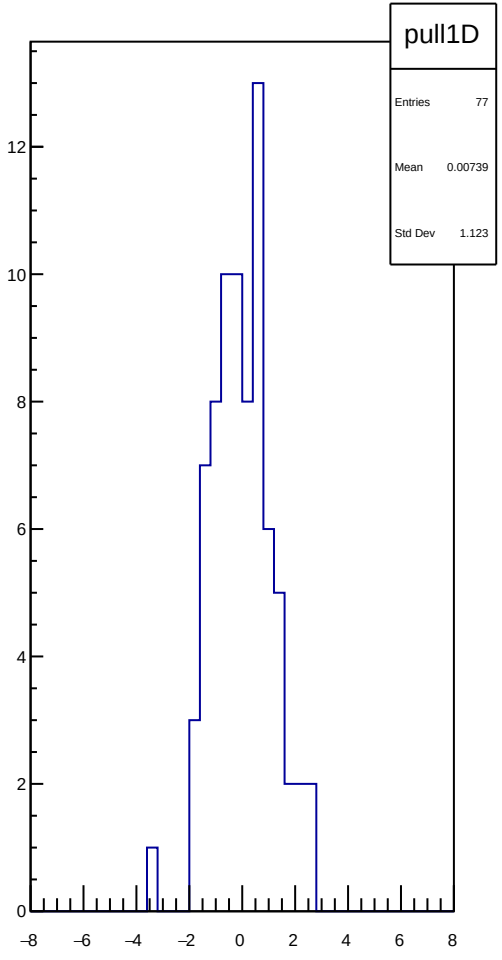

asym_sam_15_26_dd_correction_rms vs run
χ² / ndf 3057 / 76
p0 278.5 ± 0.2272
310
300
290
280
270
260
250

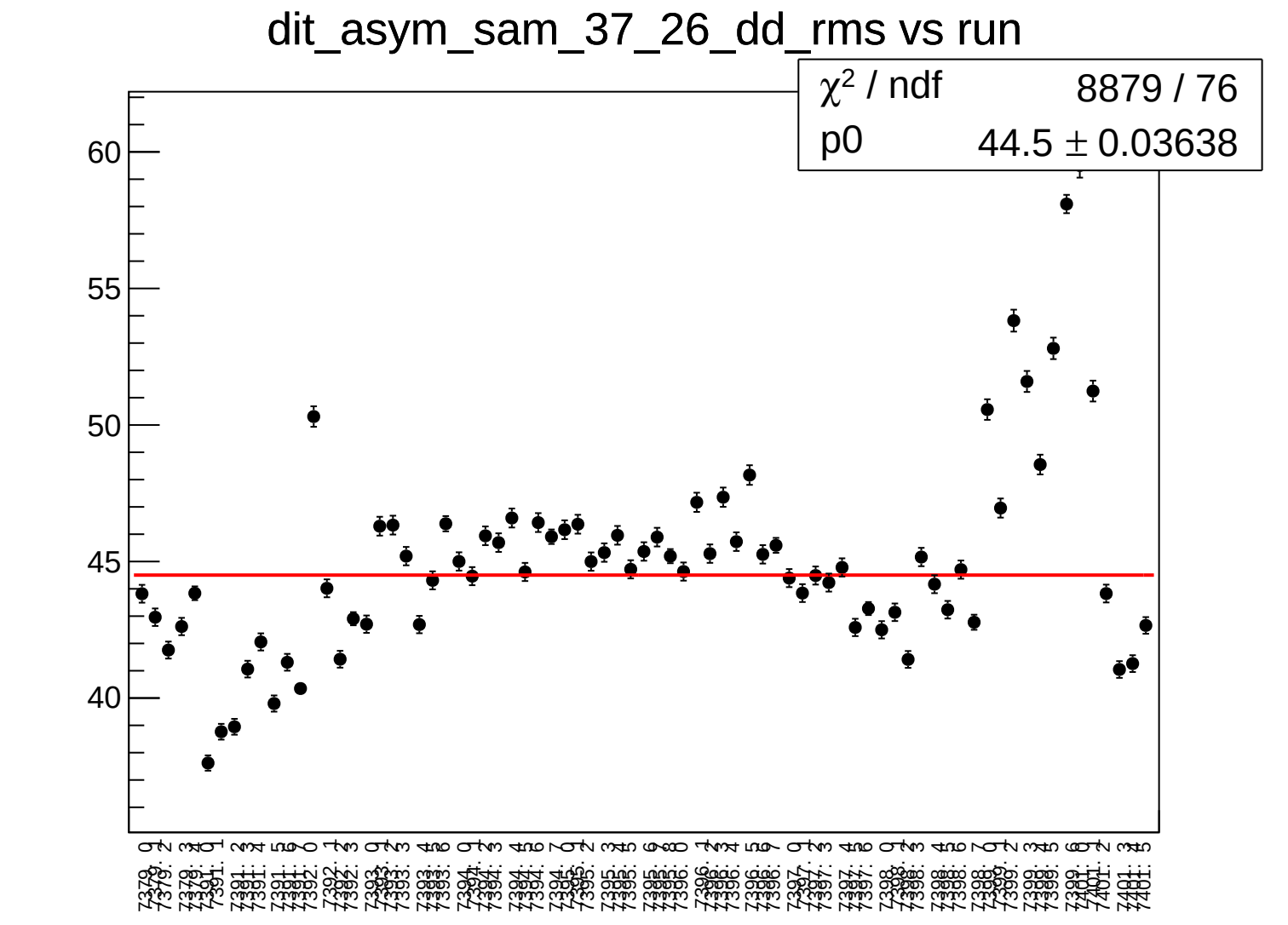

asym_sam_15_26_dd_mean vs run
χ^2 / ndf 70.31 / 76
p0 395.5 ± 313.6
10000
5000
0
−5000
−10000
pull
Entries 77
Mean 7591
Std Dev 7547
2
1
0
−1
−2
−3

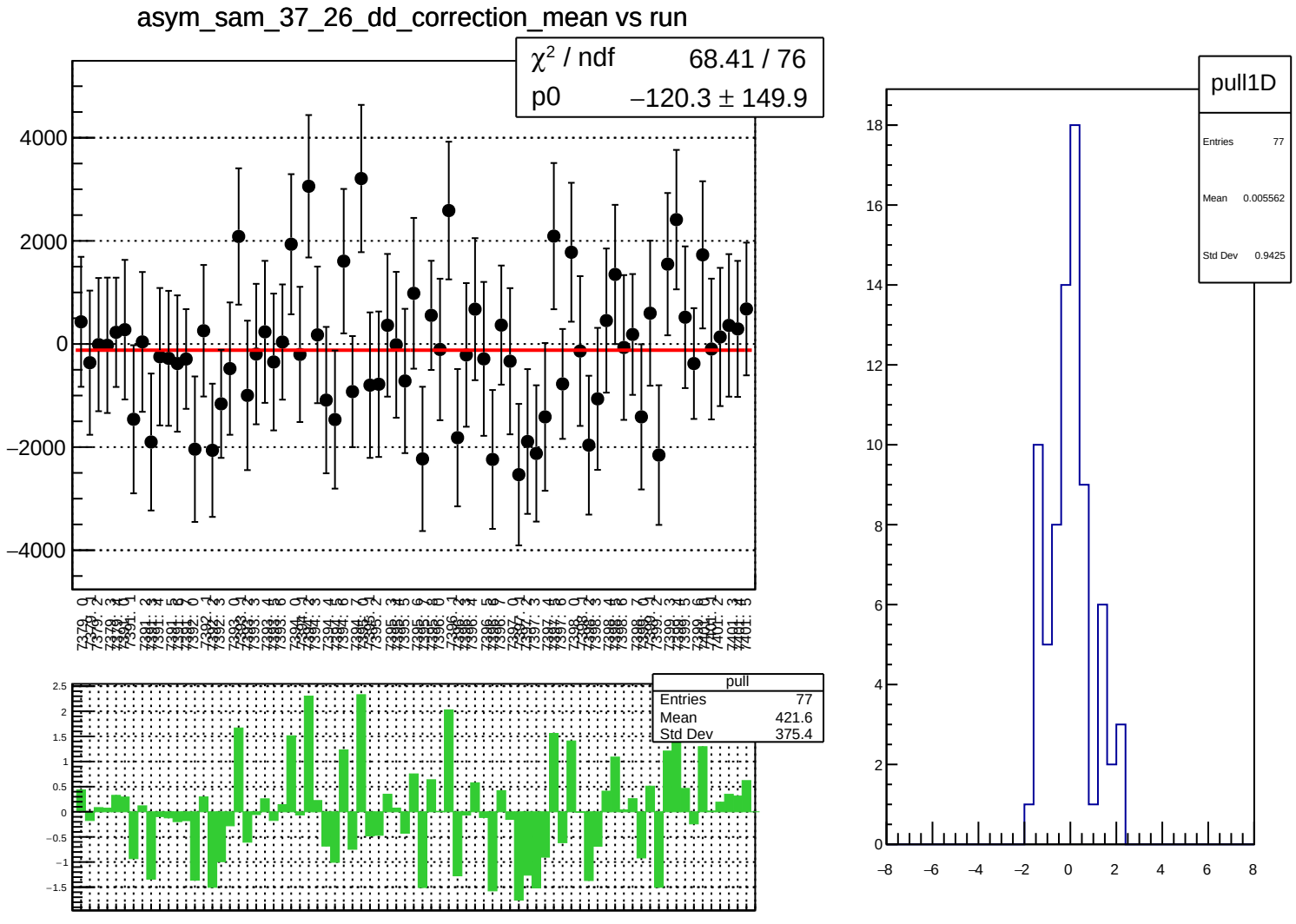

pull1D
Entries 77
Mean 0.0004263
Std Dev 0.9555
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

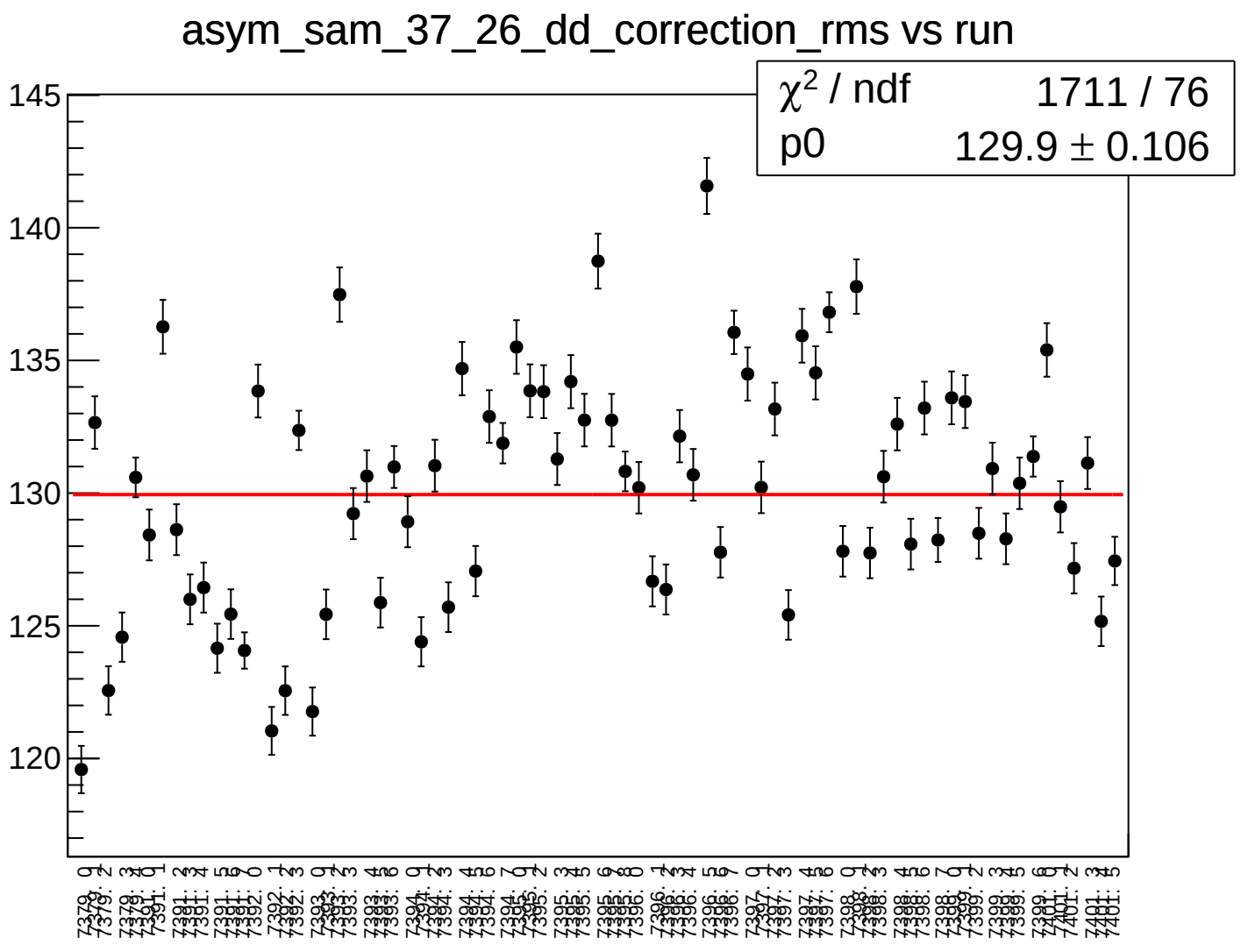

asym_sam_15_26_dd_rms vs run
χ² / ndf 7455 / 76
p0 271.4 ± 0.2218
320
310
300
290
280
270
260
250
240
230

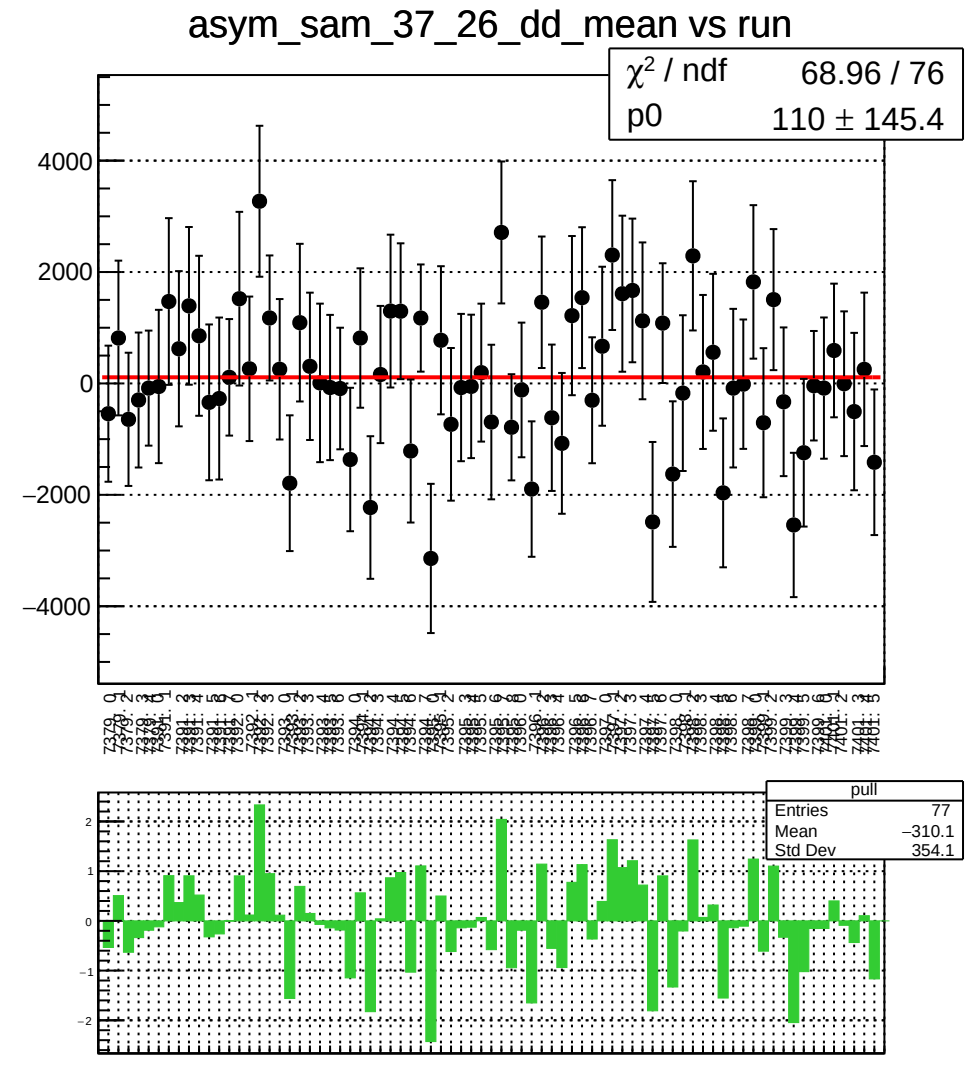

dit_asym_sam_37_26_dd_mean vs run
χ² / ndf 97.05 / 76
p0 11.63 ± 51.45
2000
1000
0
−1000
−2000
pull
Entries 77
Mean −52.34
Std Dev 79.05
3
2
1
0
−1
−2
−3

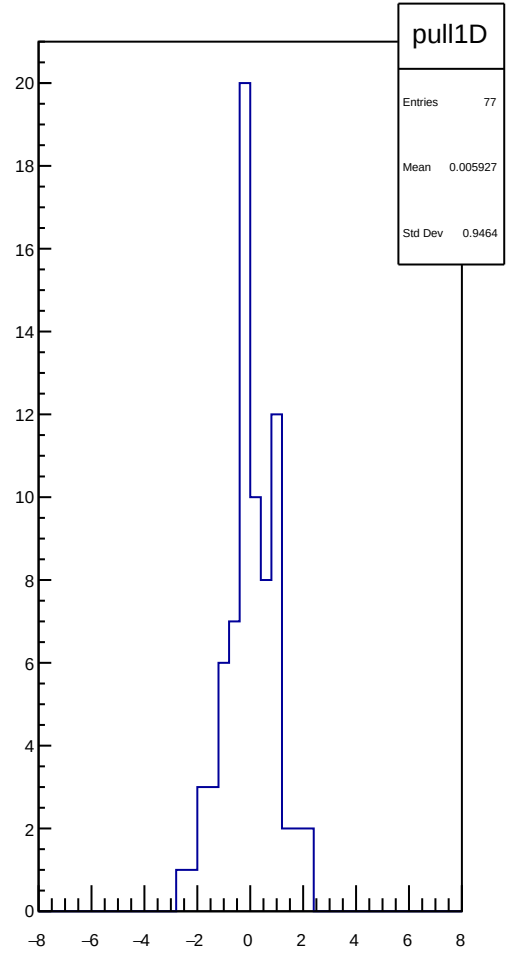

pull1D
Entries 77
Mean 0.00739
Std Dev 1.123
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

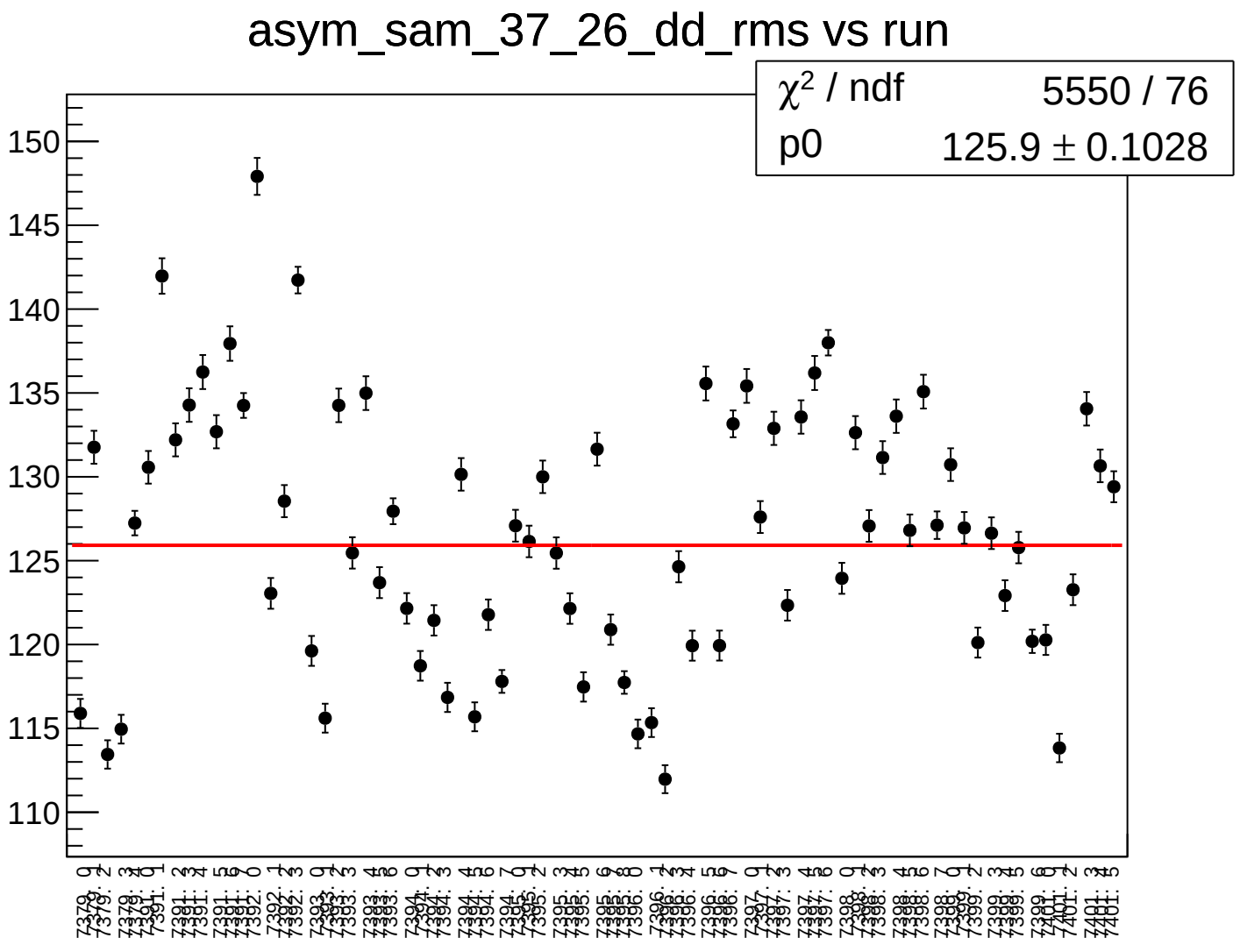

dit_asym_sam_37_26_dd_rms vs run
χ² / ndf 8879 / 76
p0 44.5 ± 0.03638
60
55
50
45
40

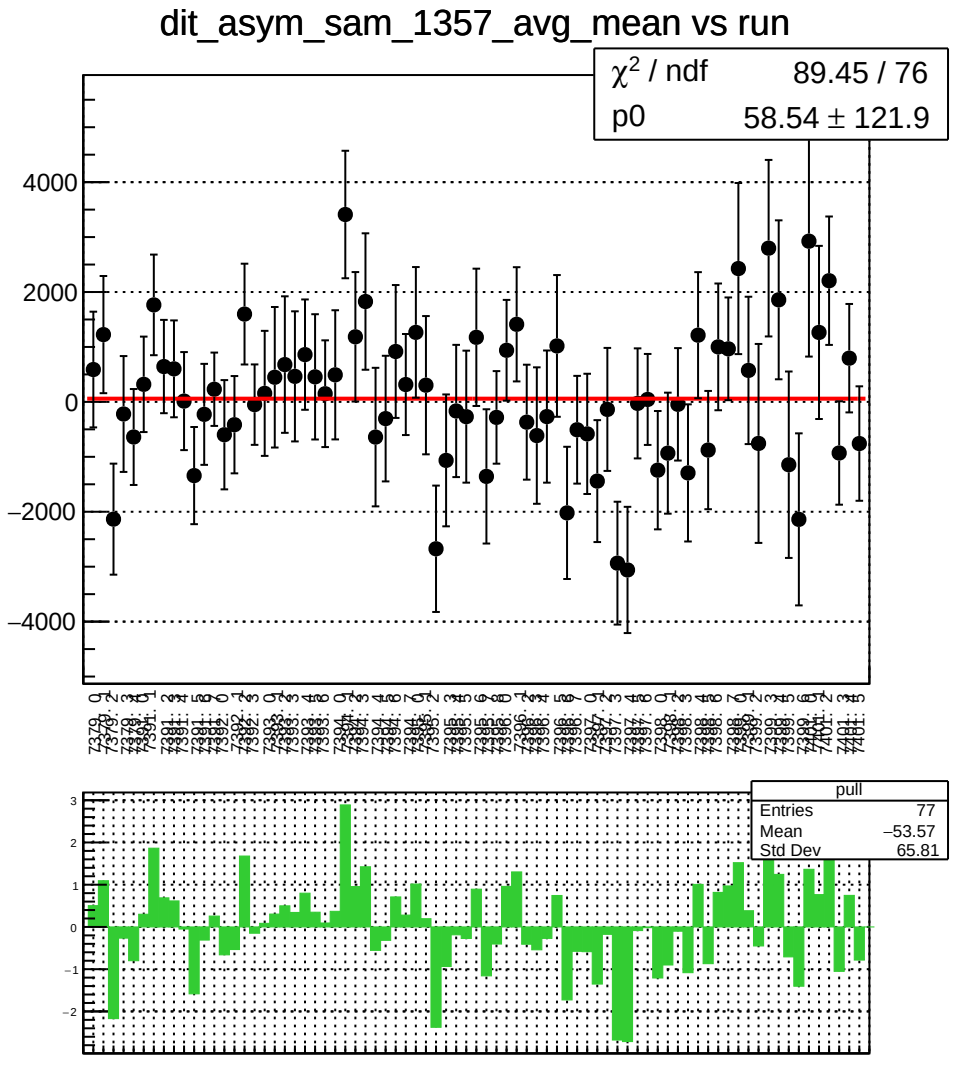

asym_sam_37_26_dd_correction_mean vs run
χ² / ndf 68.41 / 76
p0 −120.3 ± 149.9
4000
2000
0
−2000
−4000
pull
Entries 77
Mean 421.6
Std Dev 375.4
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
pull1D
Entries 77
Mean 0.005562
Std Dev 0.9425
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

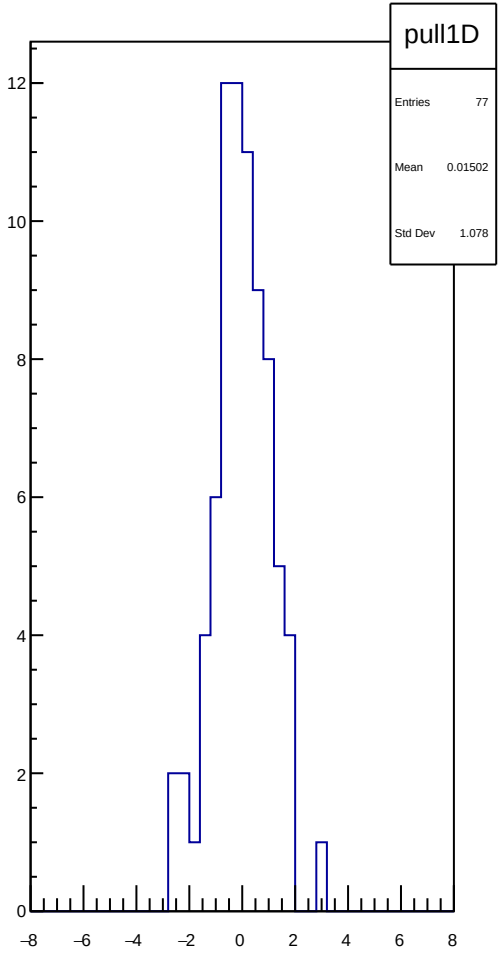

asym_sam_37_26_dd_correction_rms vs run
χ² / ndf 1711 / 76
p0 129.9 ± 0.106
145
140
135
130
125
120

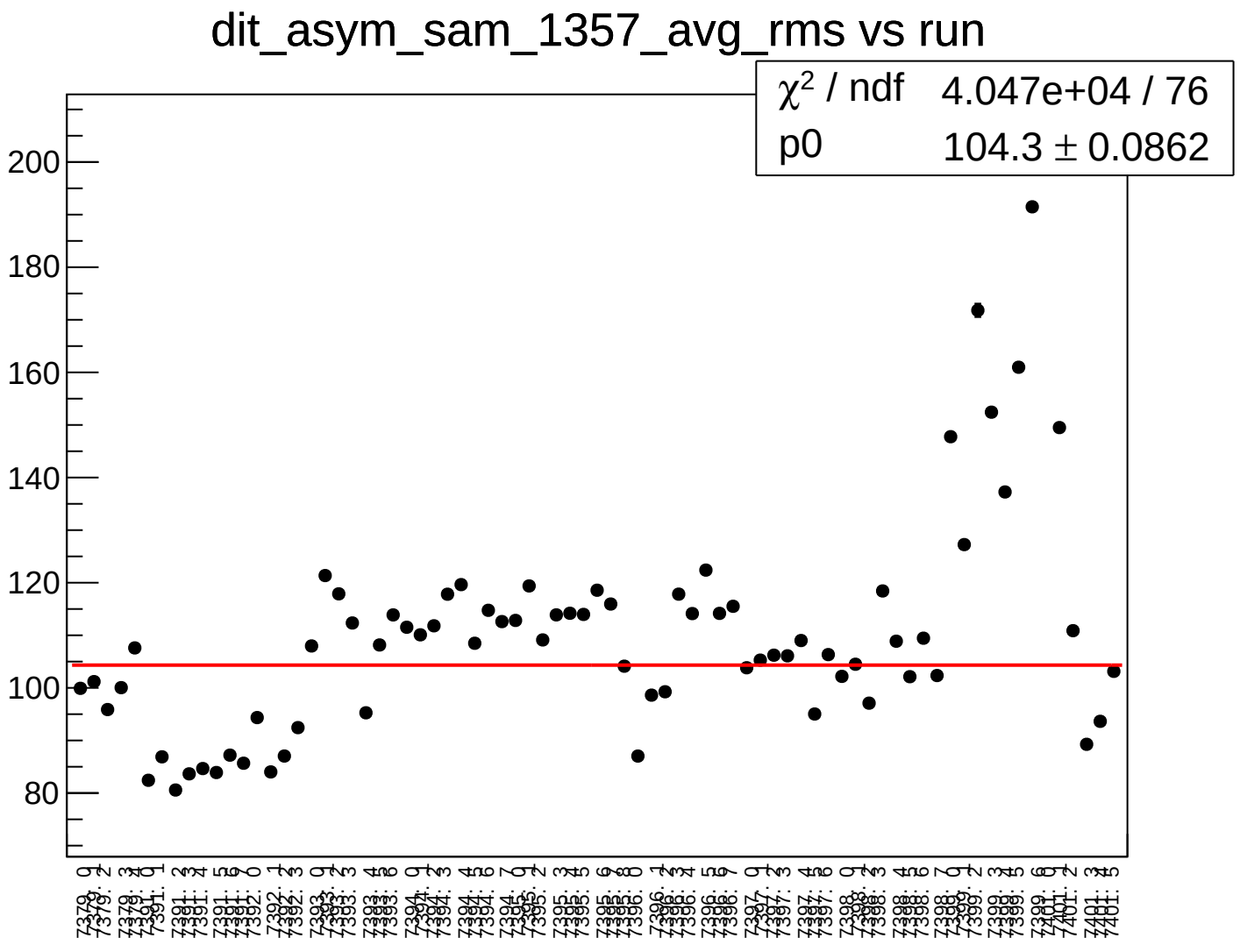

asym_sam_37_26_dd_mean vs run
χ² / ndf 68.96 / 76
p0 110 ± 145.4
4000
2000
0
−2000
−4000
pull
Entries 77
Mean −310.1
Std Dev 354.1
2
1
0
−1
−2

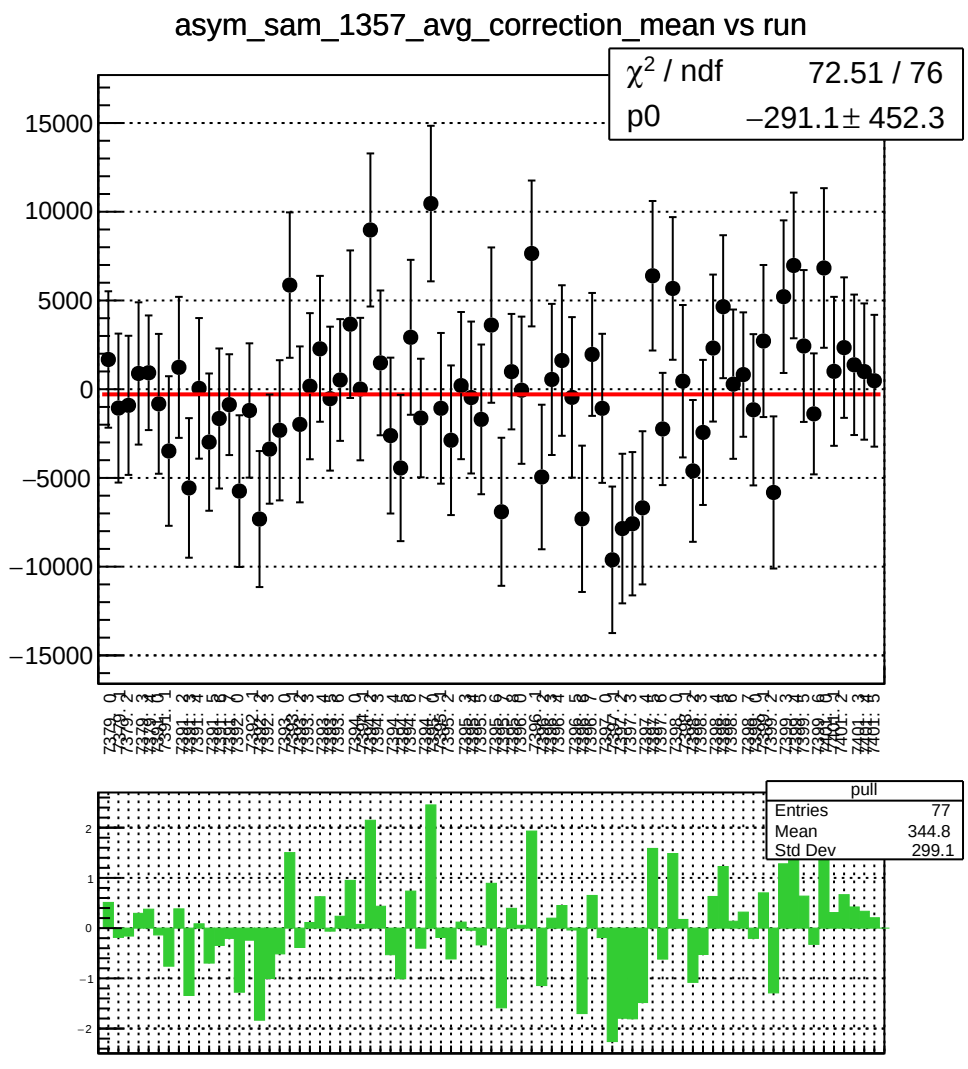

pull1D
Entries 77
Mean 0.005927
Std Dev 0.9464
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

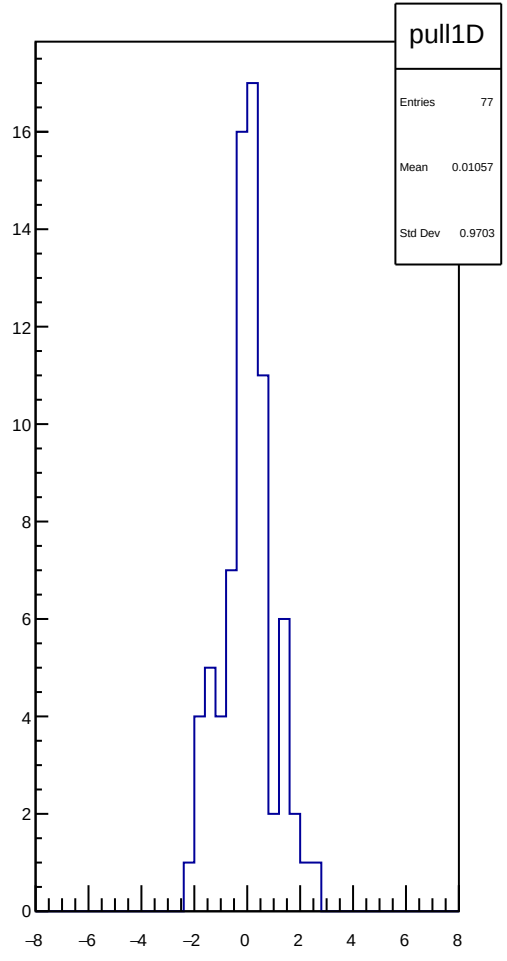

asym_sam_37_26_dd_rms vs run
χ² / ndf 5550 / 76
p0 125.9 ± 0.1028
150
145
140
135
130
125
120
115
110

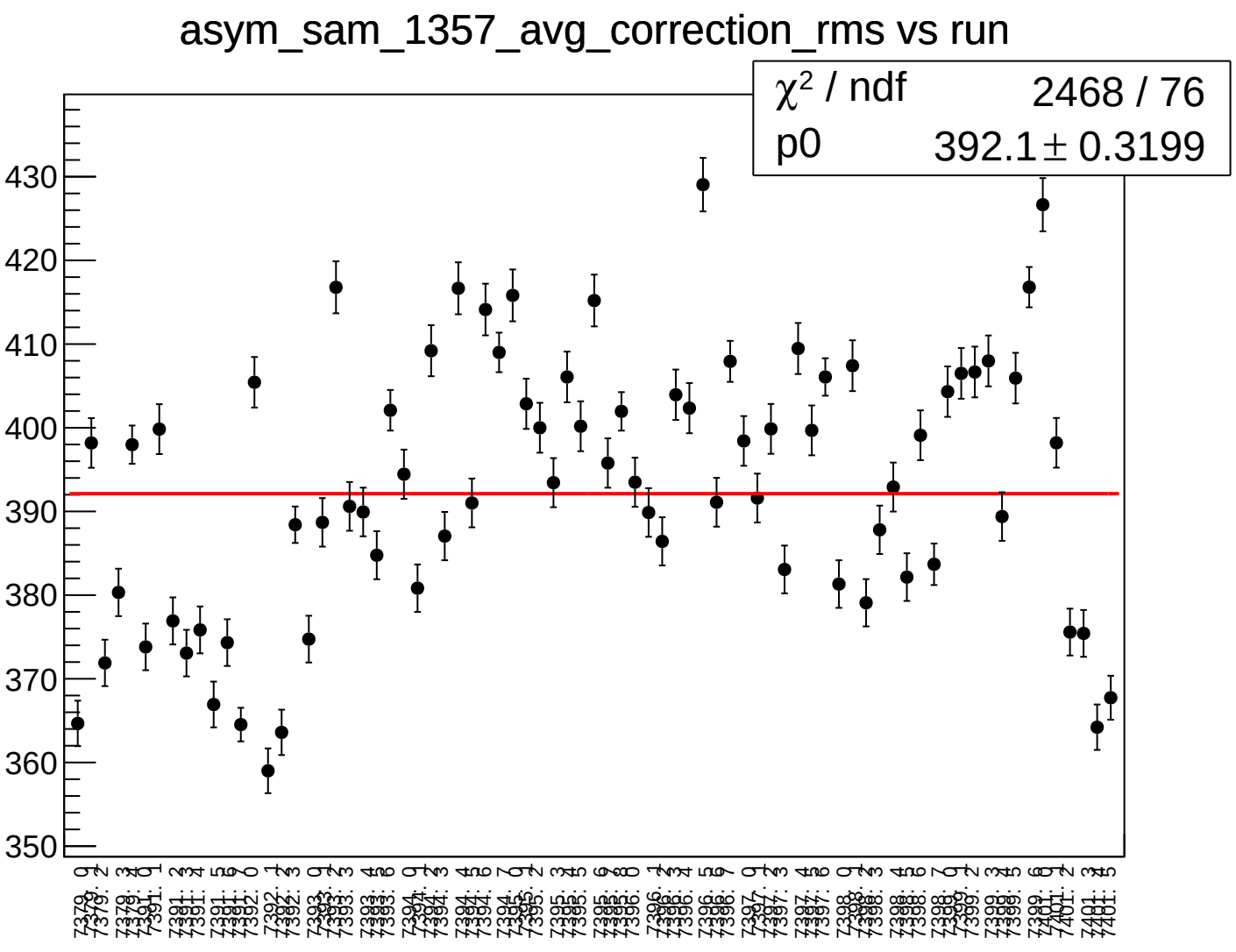

dit_asym_sam_1357_avg_mean vs run
χ² / ndf 89.45 / 76
p0 58.54 ± 121.9
4000
2000
0
−2000
−4000
pull
Entries 77
Mean −53.57
Std Dev 65.81
3
2
1
0
−1
−2

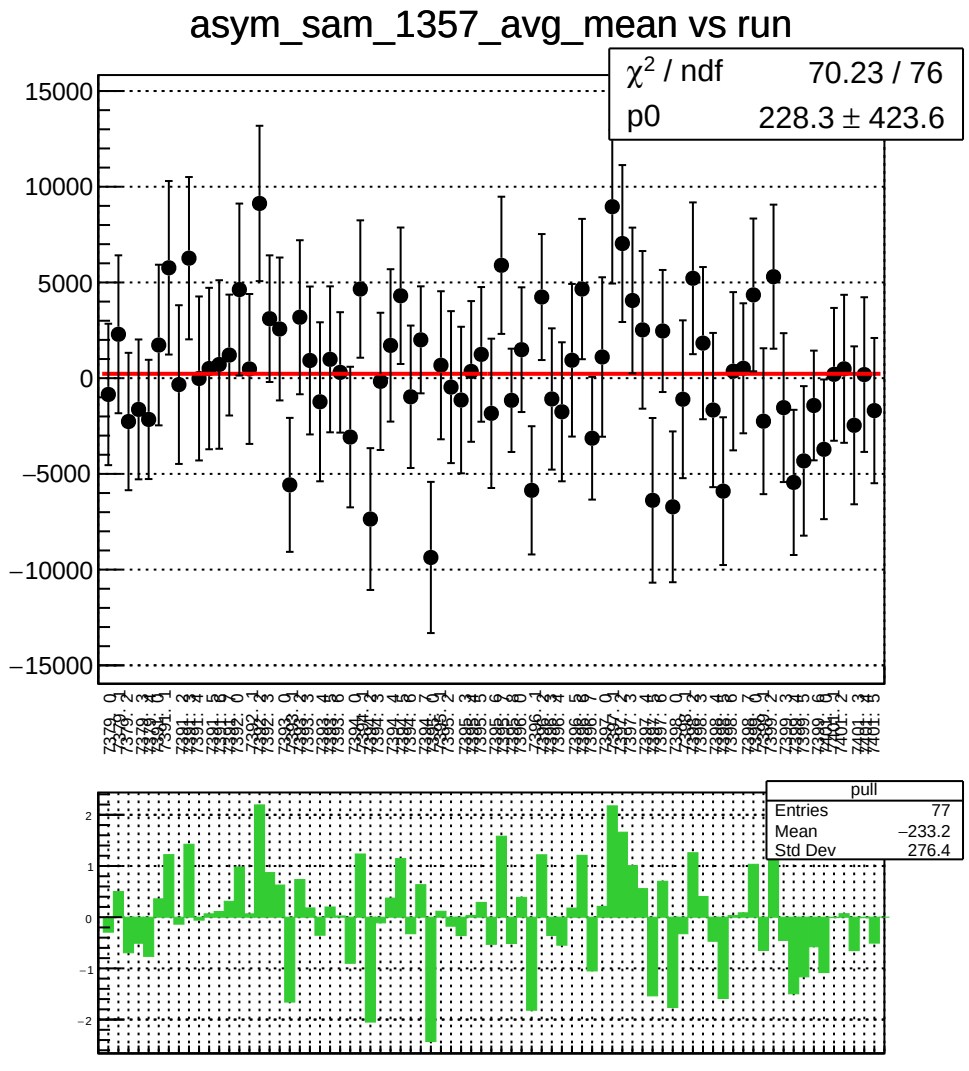

pull1D
Entries 77
Mean 0.01502
Std Dev 1.078
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

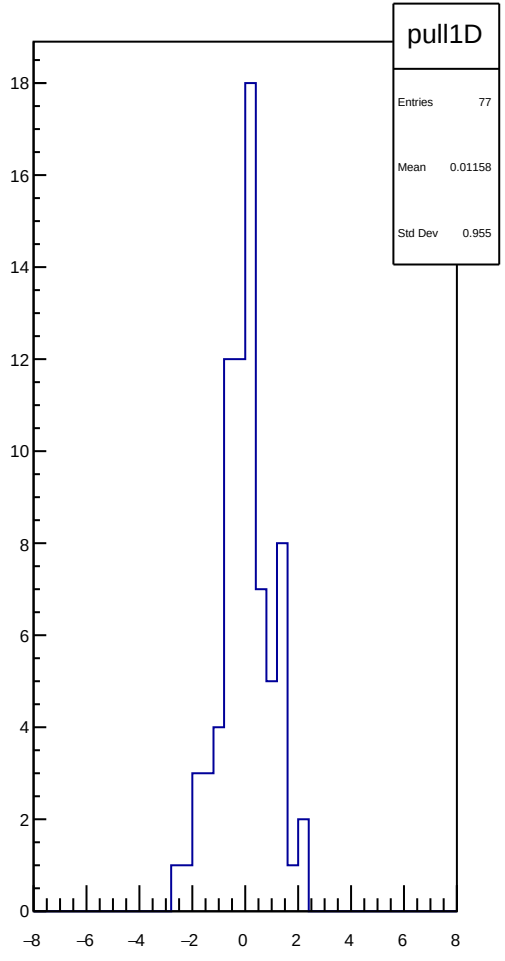

dit_asym_sam_1357_avg_rms vs run
χ² / ndf 4.047e+04 / 76
p0 104.3 ± 0.0862
200
180
160
140
120
100
80

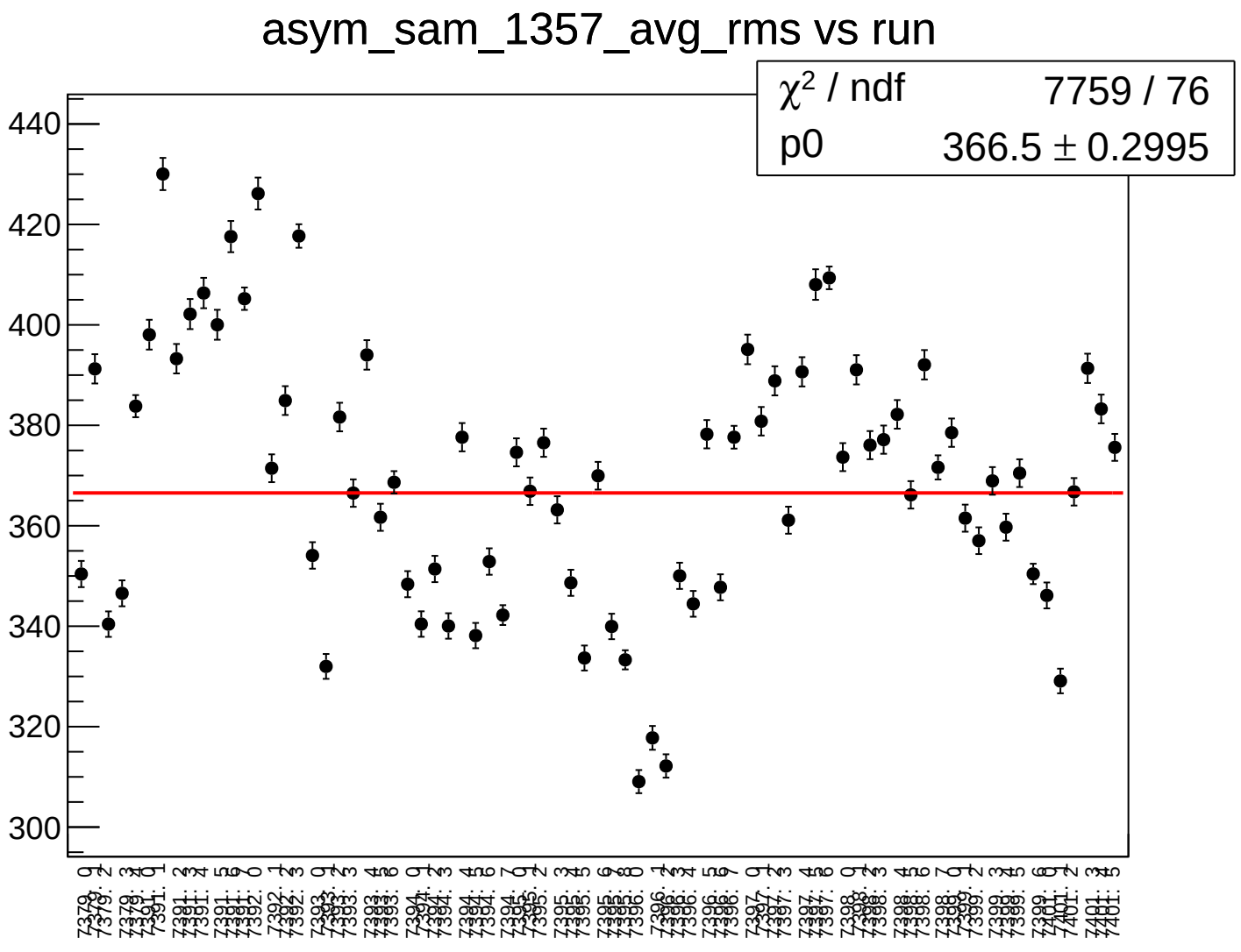

asym_sam_1357_avg_correction_mean vs run
χ² / ndf 72.51 / 76
p0 −291.1 ± 452.3
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 77
Mean 344.8
Std Dev 299.1
2
1
0
−1
−2

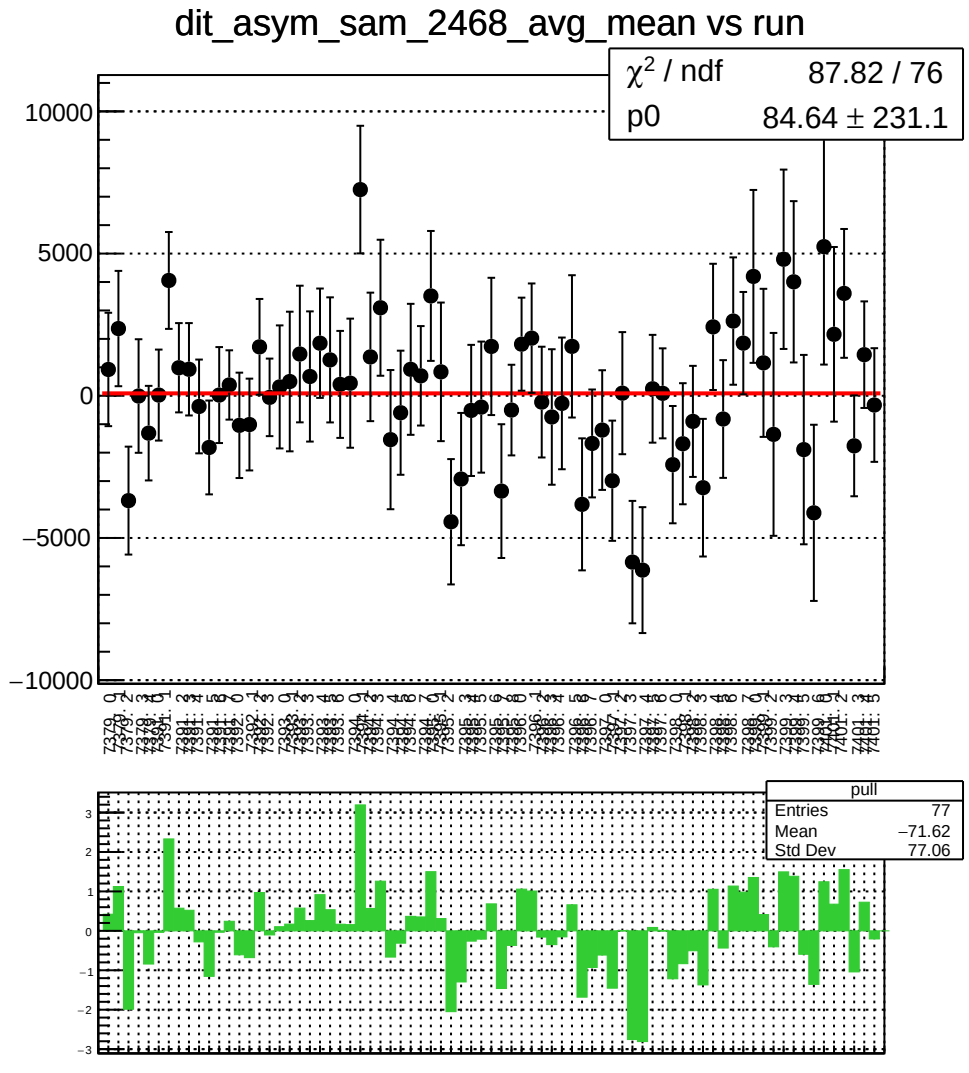

pull1D
Entries 77
Mean 0.01057
Std Dev 0.9703
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

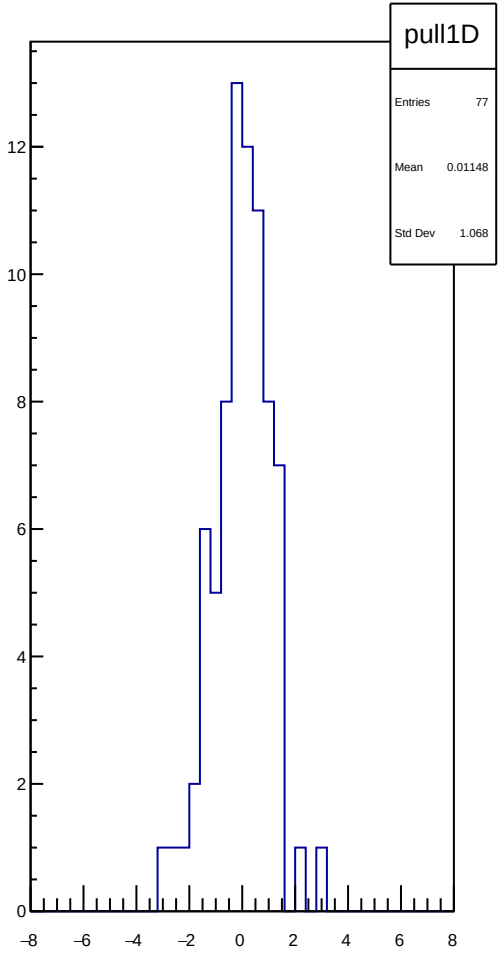

asym_sam_1357_avg_correction_rms vs run
χ² / ndf 2468 / 76
p0 392.1 ± 0.3199
430
420
410
400
390
380
370
360
350

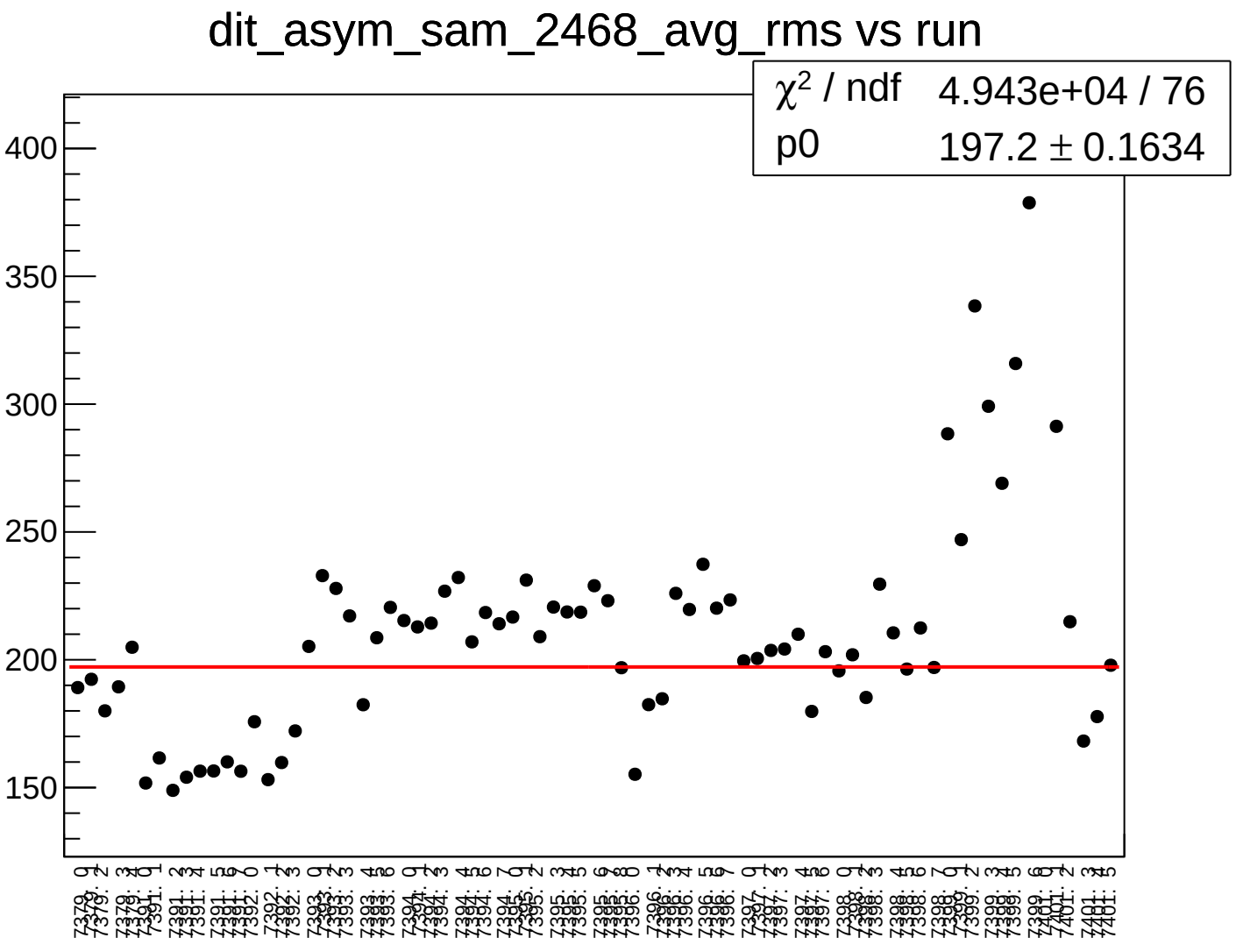

asym_sam_1357_avg_mean vs run
χ² / ndf 70.23 / 76
p0 228.3 ± 423.6
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 77
Mean −233.2
Std Dev 276.4
2
1
0
−1
−2

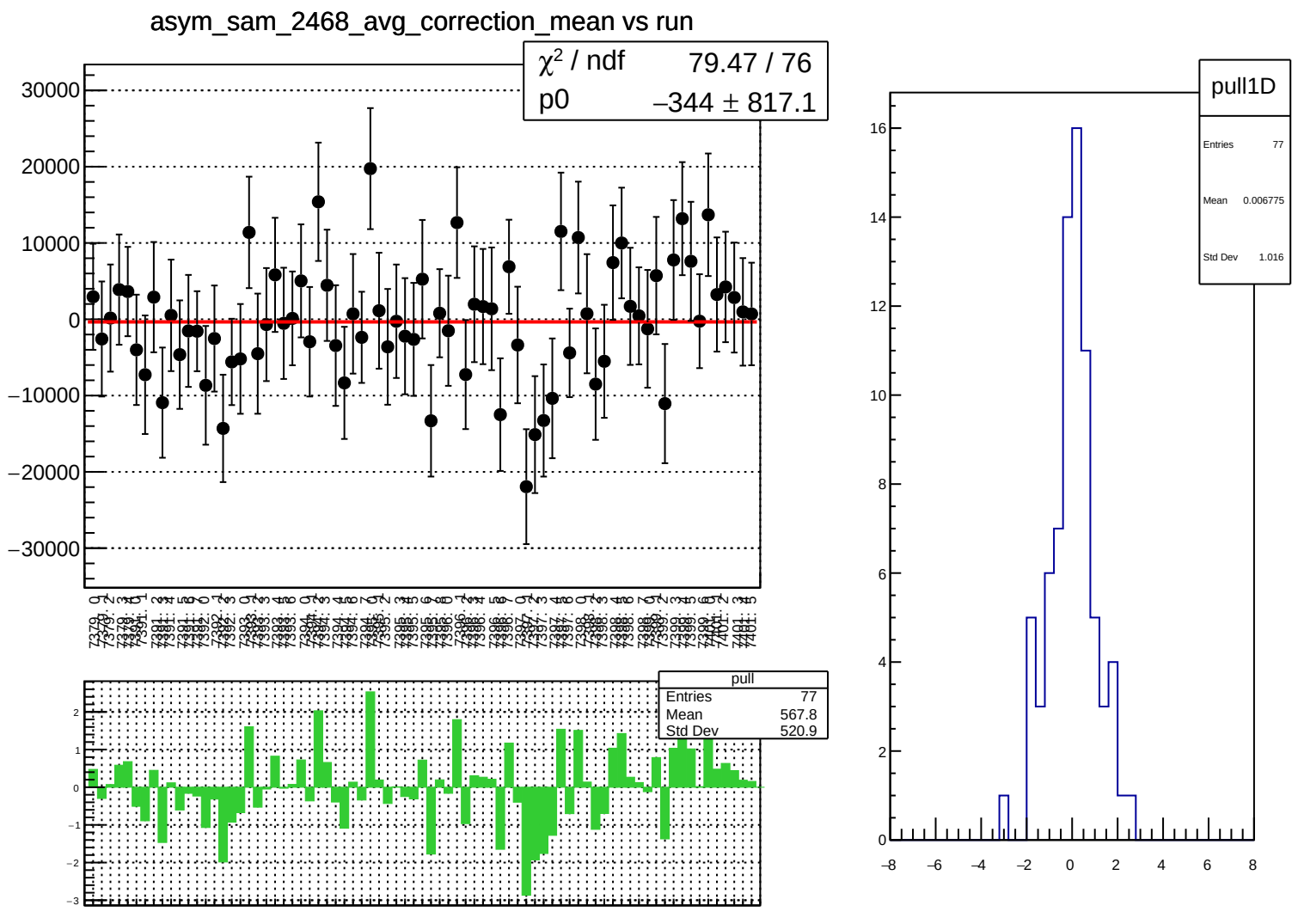

pull1D
Entries 77
Mean 0.01158
Std Dev 0.955
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

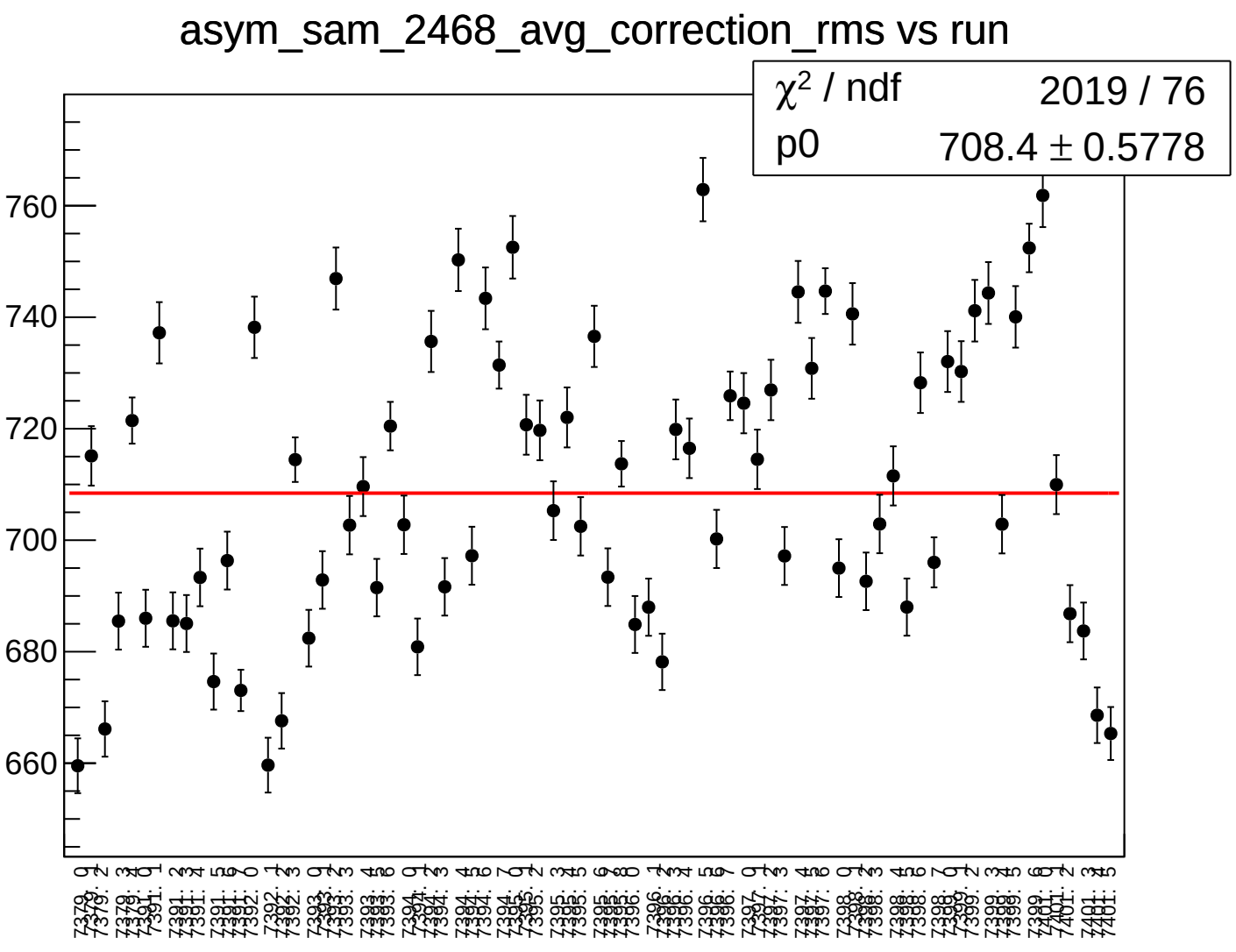

asym_sam_1357_avg_rms vs run
χ^2 / ndf 7759 / 76
p0 366.5 ± 0.2995
440
420
400
380
360
340
320
300

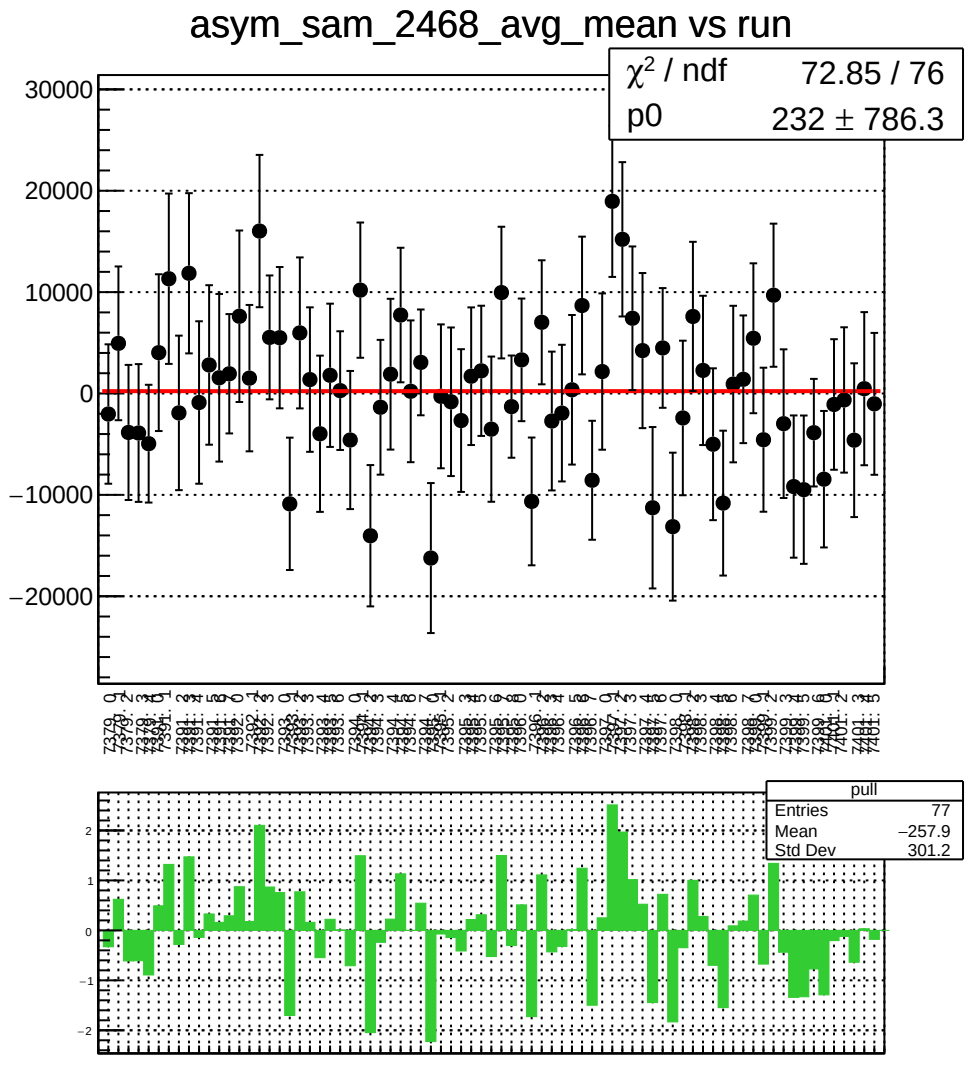

dit_asym_sam_2468_avg_mean vs run
χ² / ndf 87.82 / 76
p0 84.64 ± 231.1
10000
5000
0
−5000
−10000
pull
Entries 77
Mean −71.62
Std Dev 77.06
3
2
1
0
−1
−2
−3

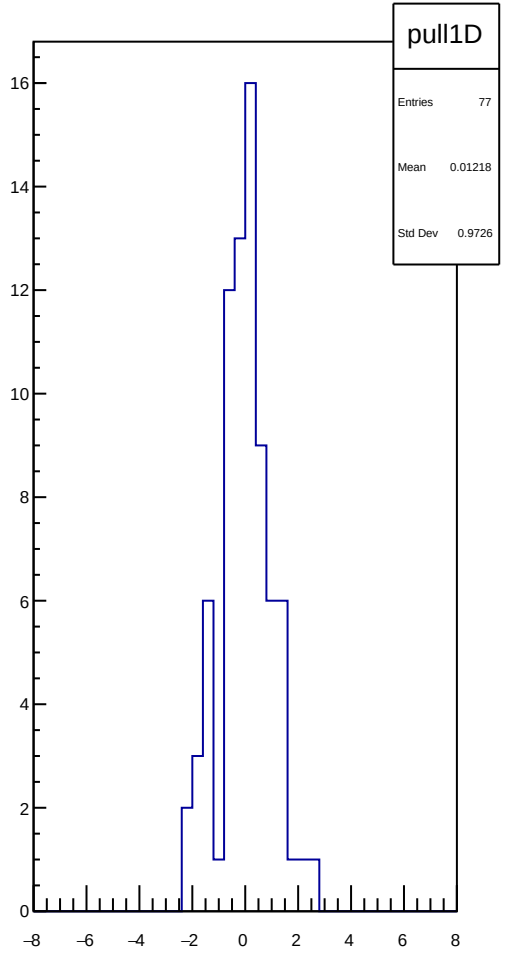

pull1D
Entries 77
Mean 0.01148
Std Dev 1.068
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

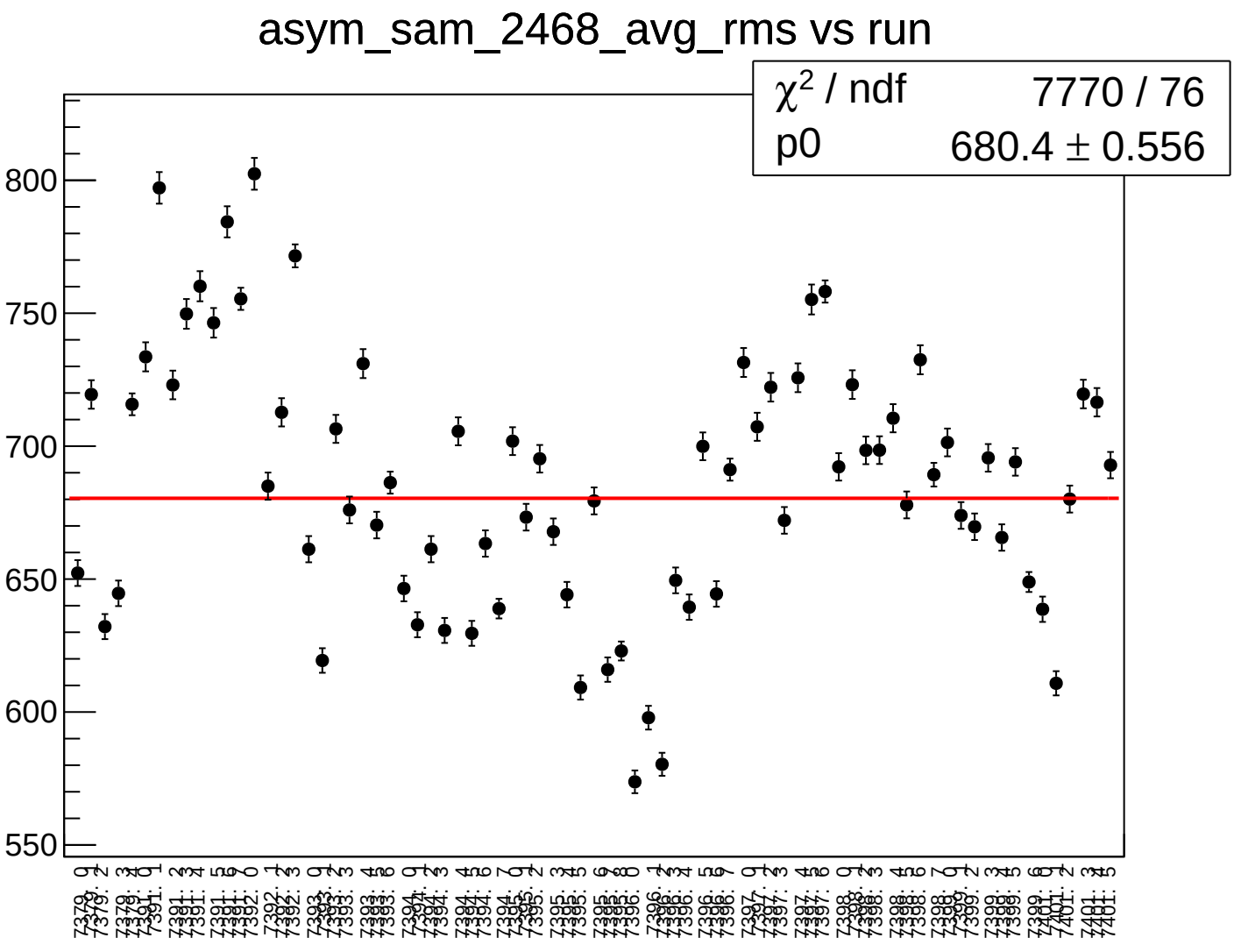

dit_asym_sam_2468_avg_rms vs run
χ² / ndf 4.943e+04 / 76
p0 197.2 ± 0.1634
400
350
300
250
200
150

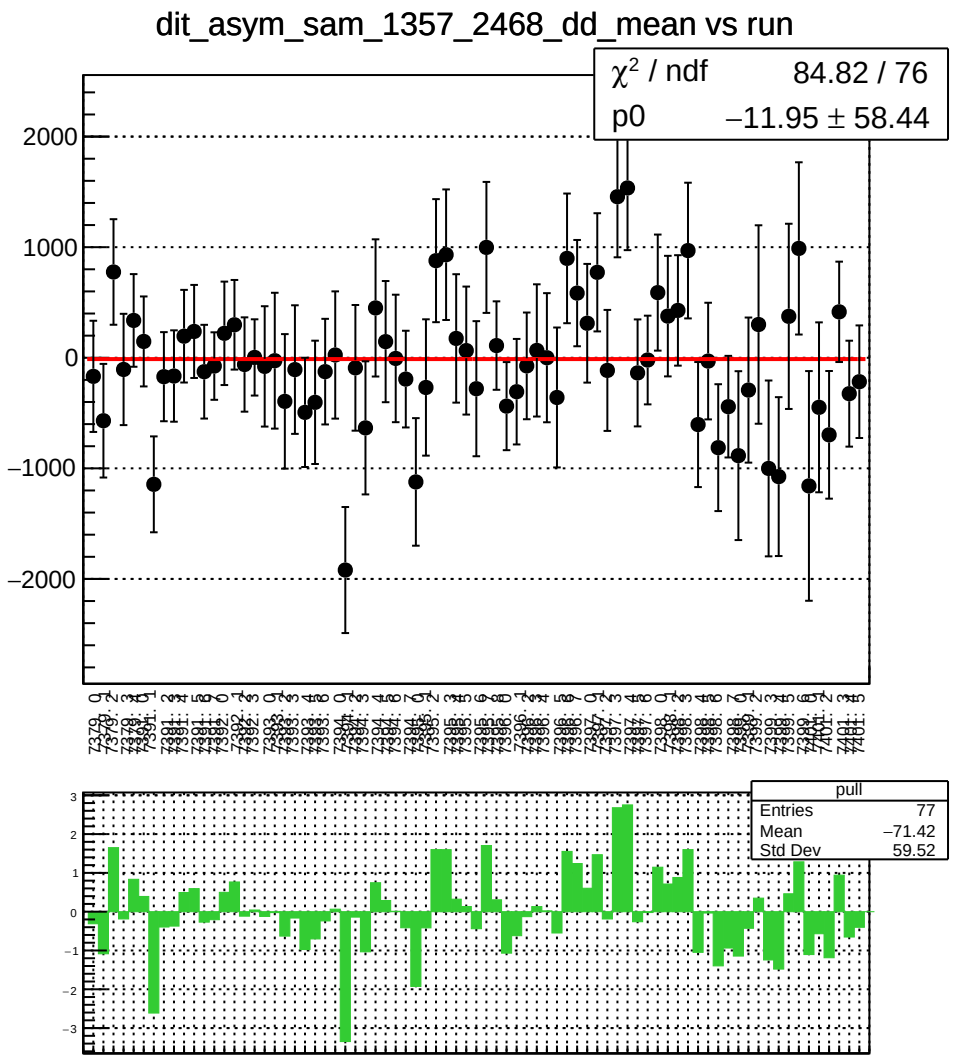

asym_sam_2468_avg_correction_mean vs run
χ² / ndf 79.47 / 76
p0 −344 ± 817.1
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 77
Mean 567.8
Std Dev 520.9
pull1D
Entries 77
Mean 0.006775
Std Dev 1.016

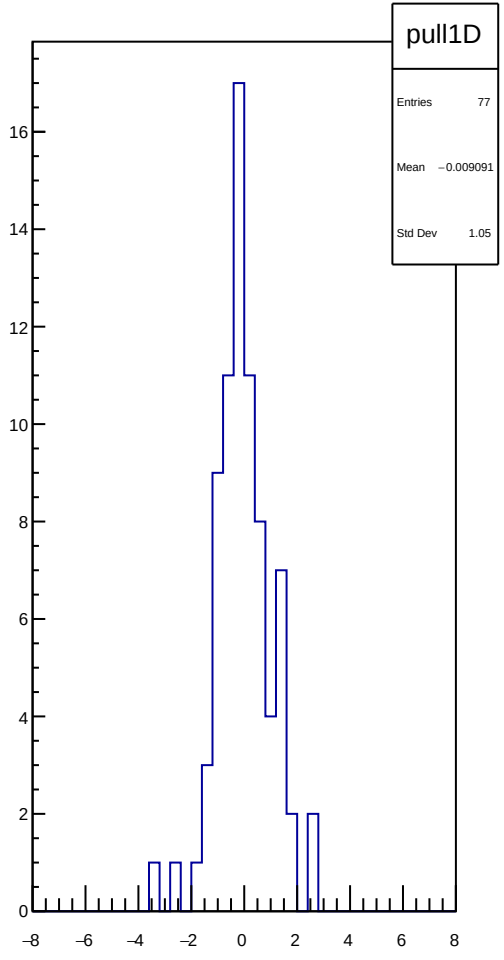

asym_sam_2468_avg_correction_rms vs run
χ² / ndf 2019 / 76
p0 708.4 ± 0.5778
760
740
720
700
680
660

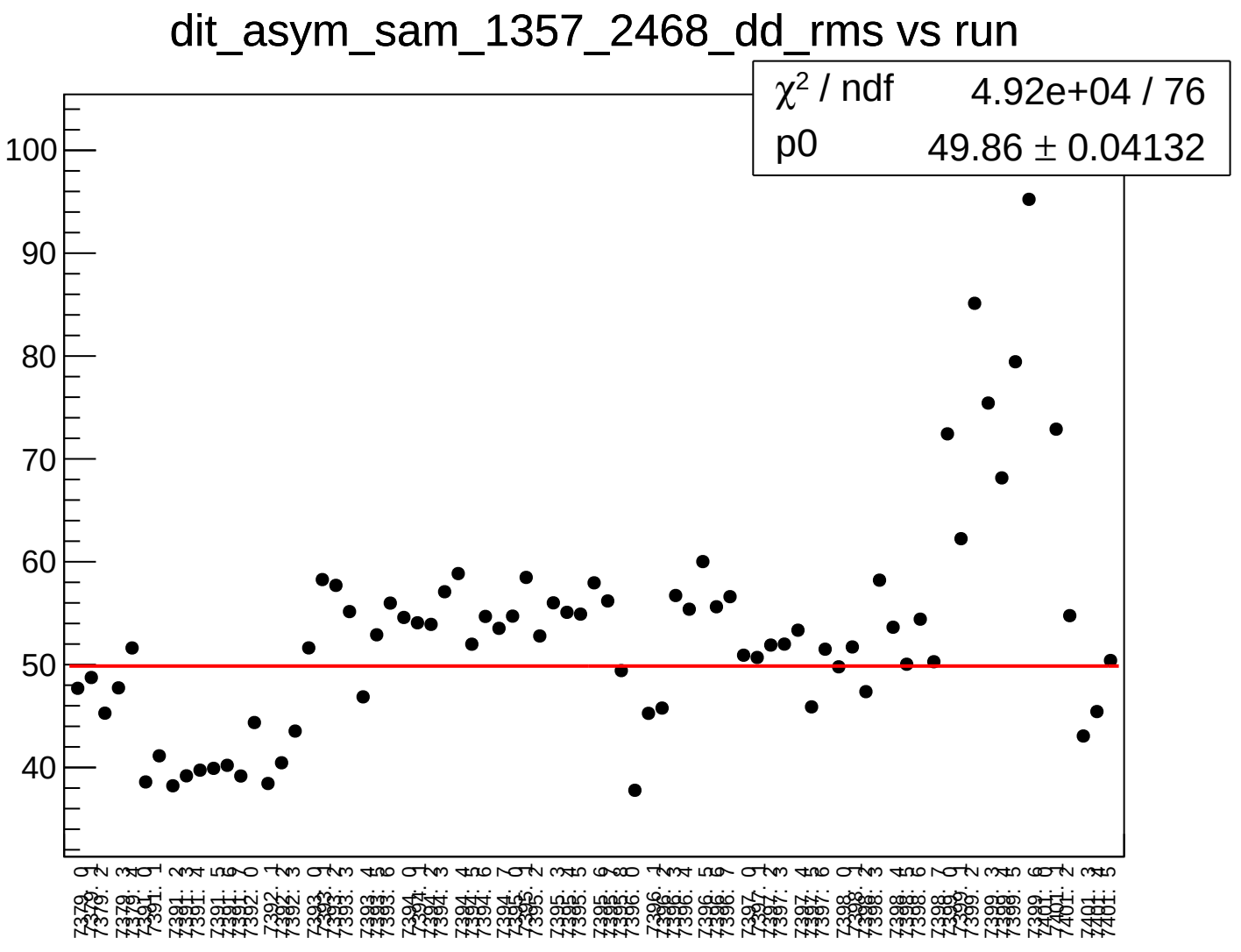

asym_sam_2468_avg_mean vs run
χ² / ndf 72.85 / 76
p0 232 ± 786.3
30000
20000
10000
0
−10000
−20000
pull
Entries 77
Mean −257.9
Std Dev 301.2
2
1
0
−1
−2

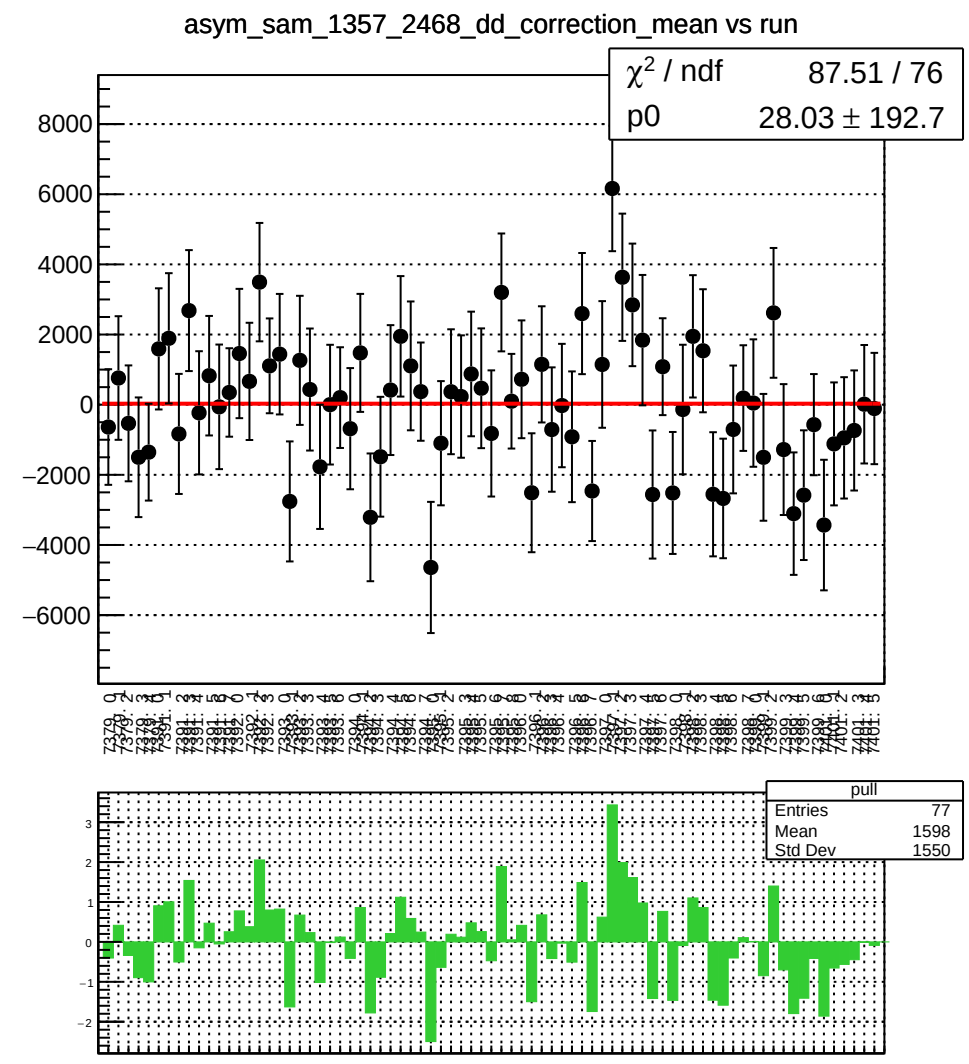

pull1D
Entries 77
Mean 0.01218
Std Dev 0.9726
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

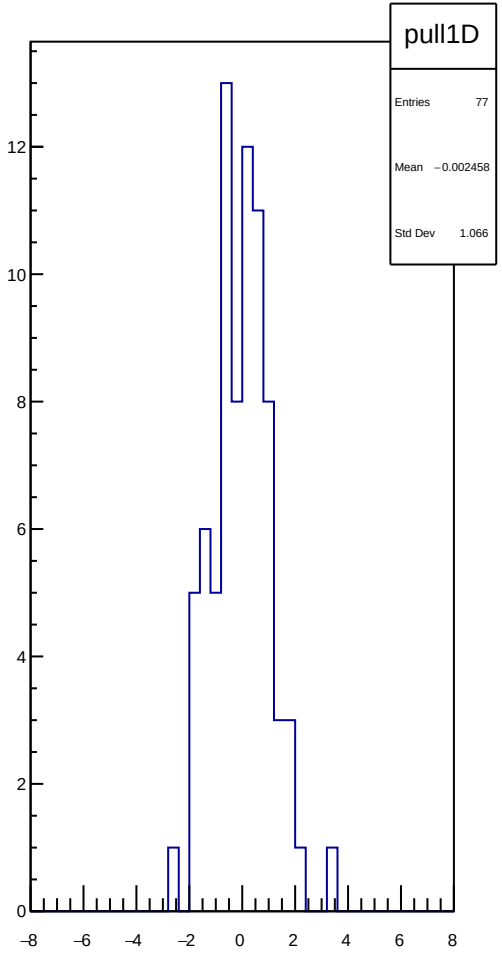

asym_sam_2468_avg_rms vs run
χ² / ndf 7770 / 76
p0 680.4 ± 0.556
800
750
700
650
600
550

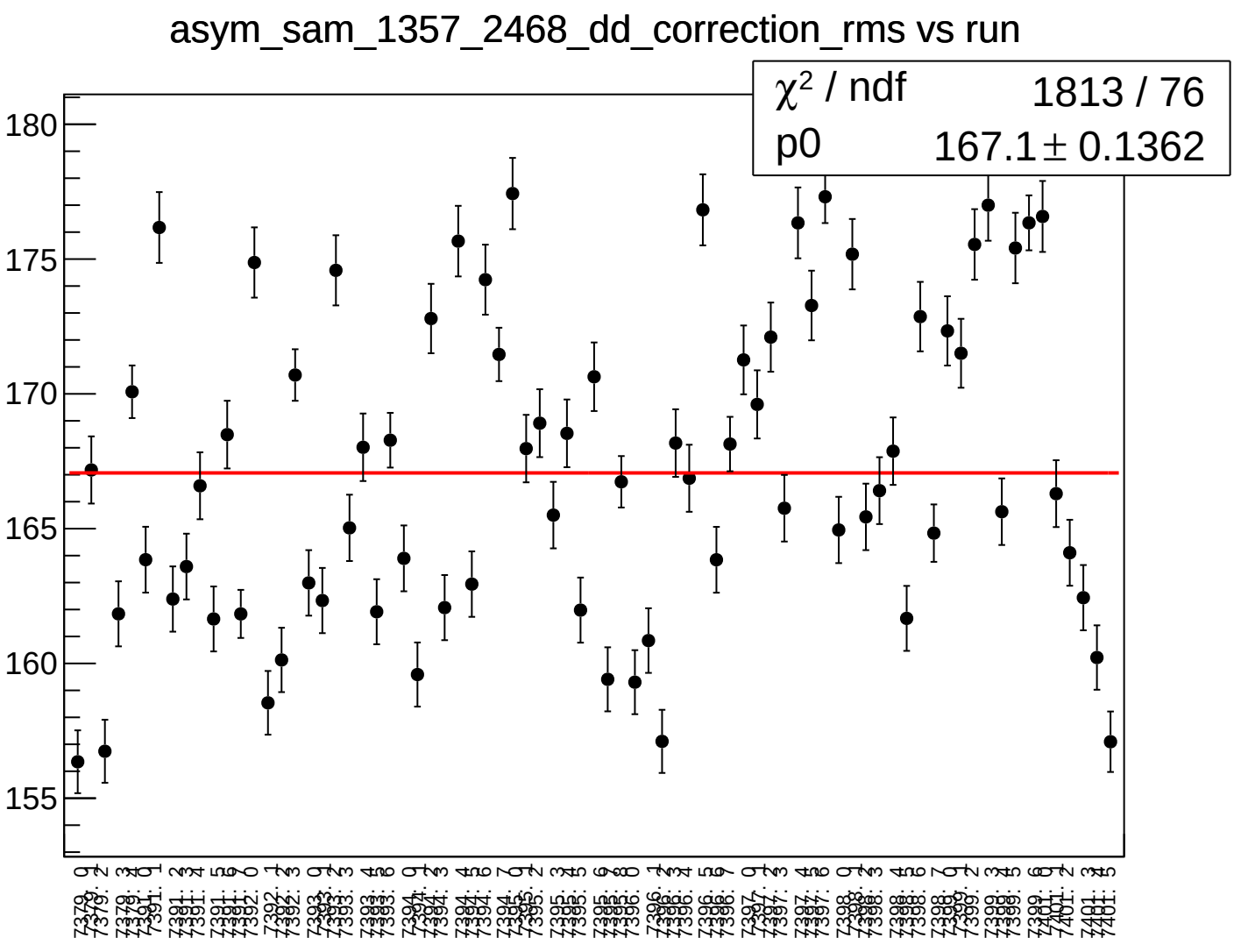

dit_asym_sam_1357_2468_dd_mean vs run
χ² / ndf 84.82 / 76
p0 −11.95 ± 58.44
2000
1000
0
−1000
−2000
pull
Entries 77
Mean −71.42
Std Dev 59.52
3
2
1
0
−1
−2
−3

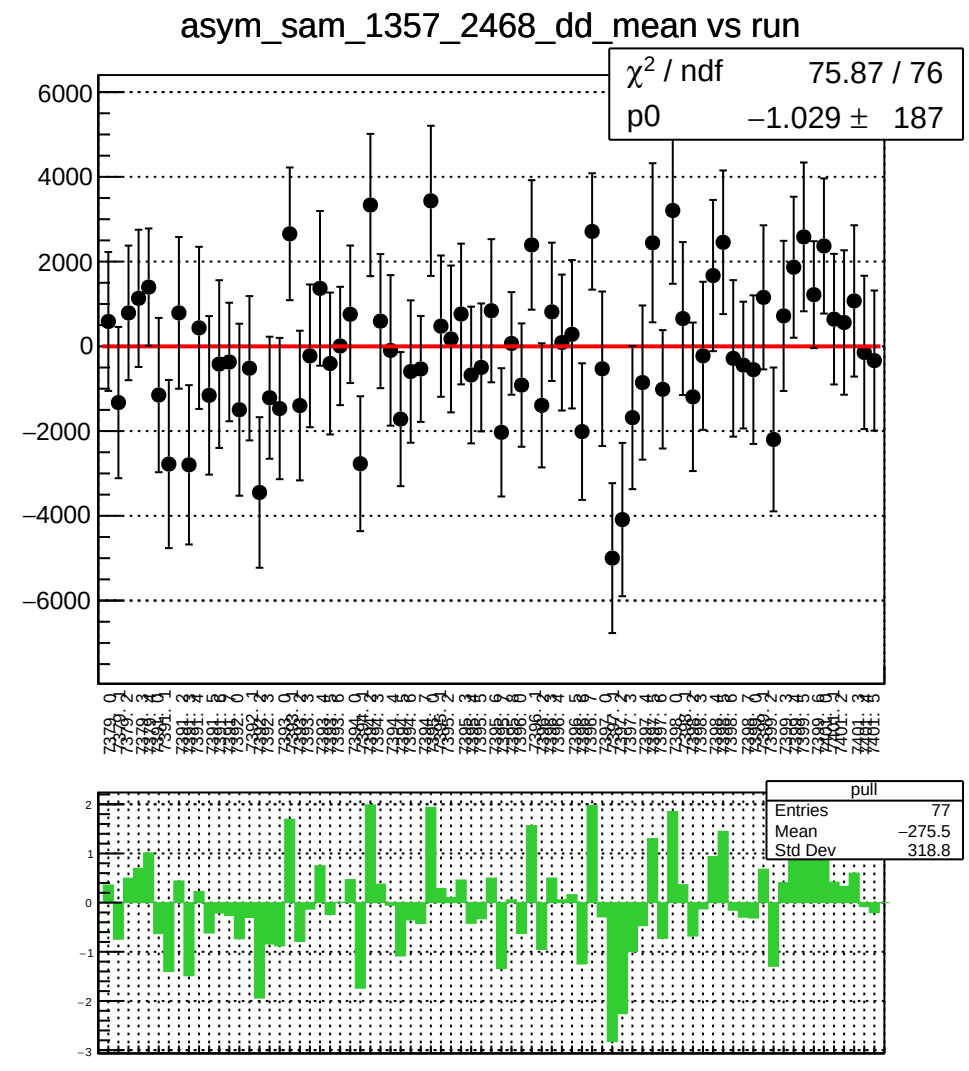

pull1D
Entries 77
Mean −0.009091
Std Dev 1.05
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

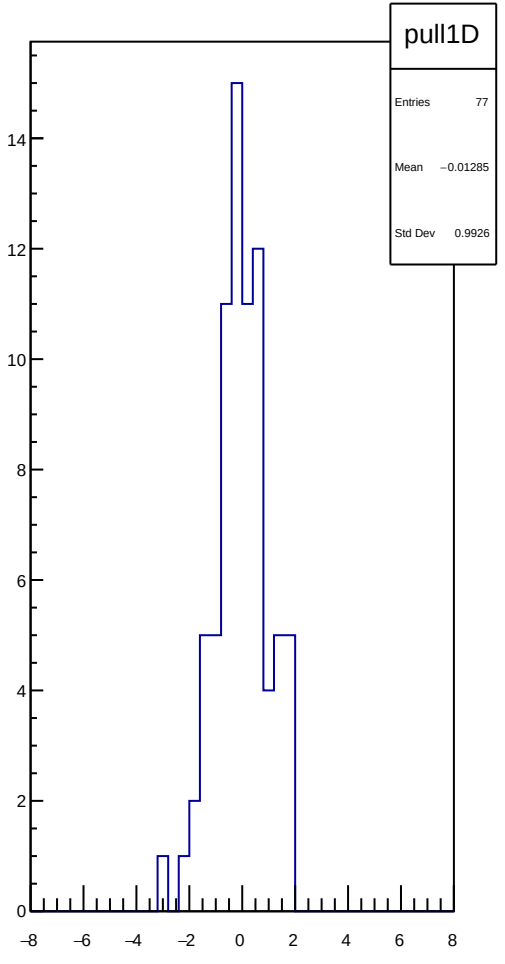

dit_asym_sam_1357_2468_dd_rms vs run
χ² / ndf 4.92e+04 / 76
p0 49.86 ± 0.04132
100
90
80
70
60
50
40

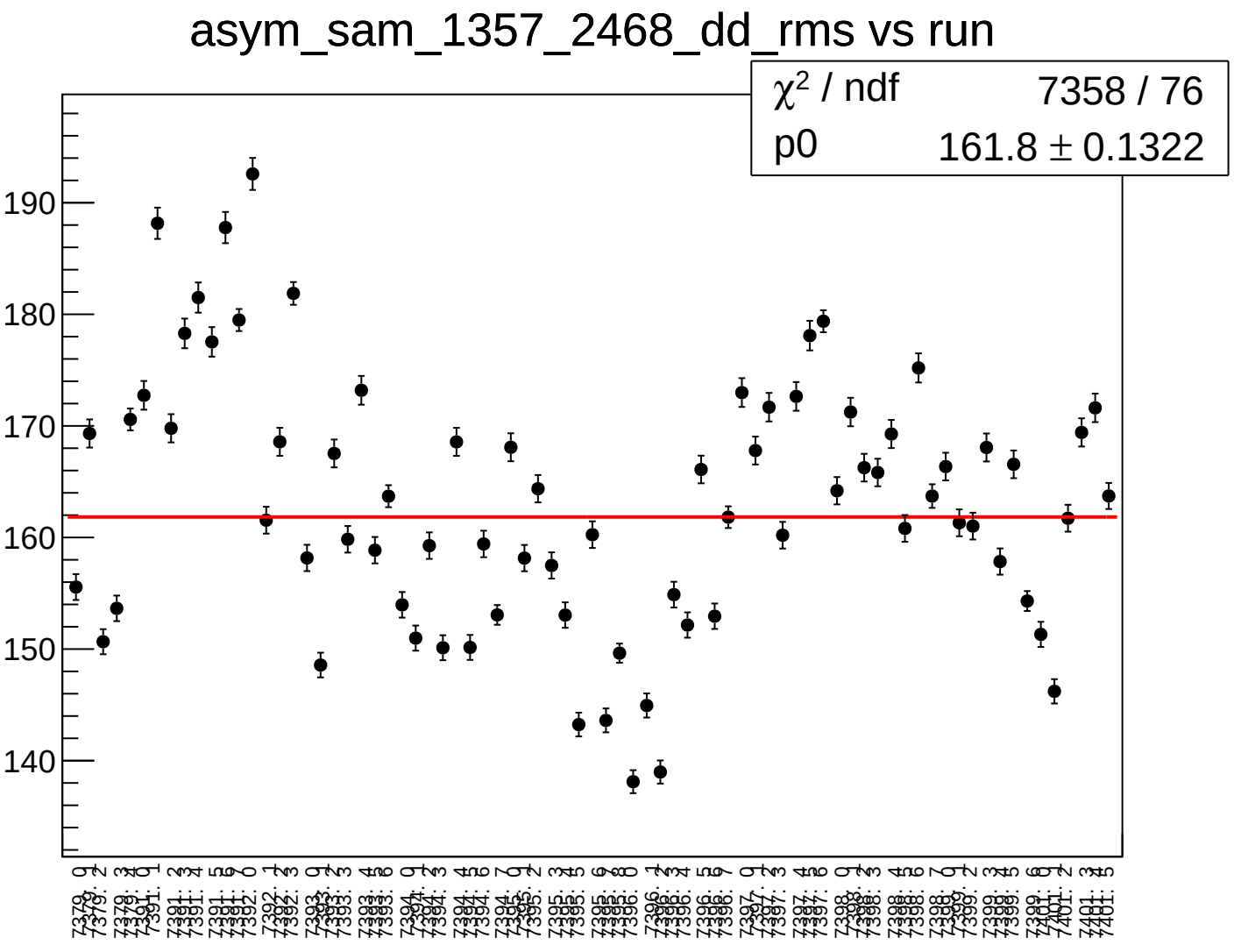

asym_sam_1357_2468_dd_correction_mean vs run
χ² / ndf 87.51 / 76
p0 28.03 ± 192.7
8000
6000
4000
2000
0
−2000
−4000
−6000
pull
Entries 77
Mean 1598
Std Dev 1550
3
2
1
0
−1
−2

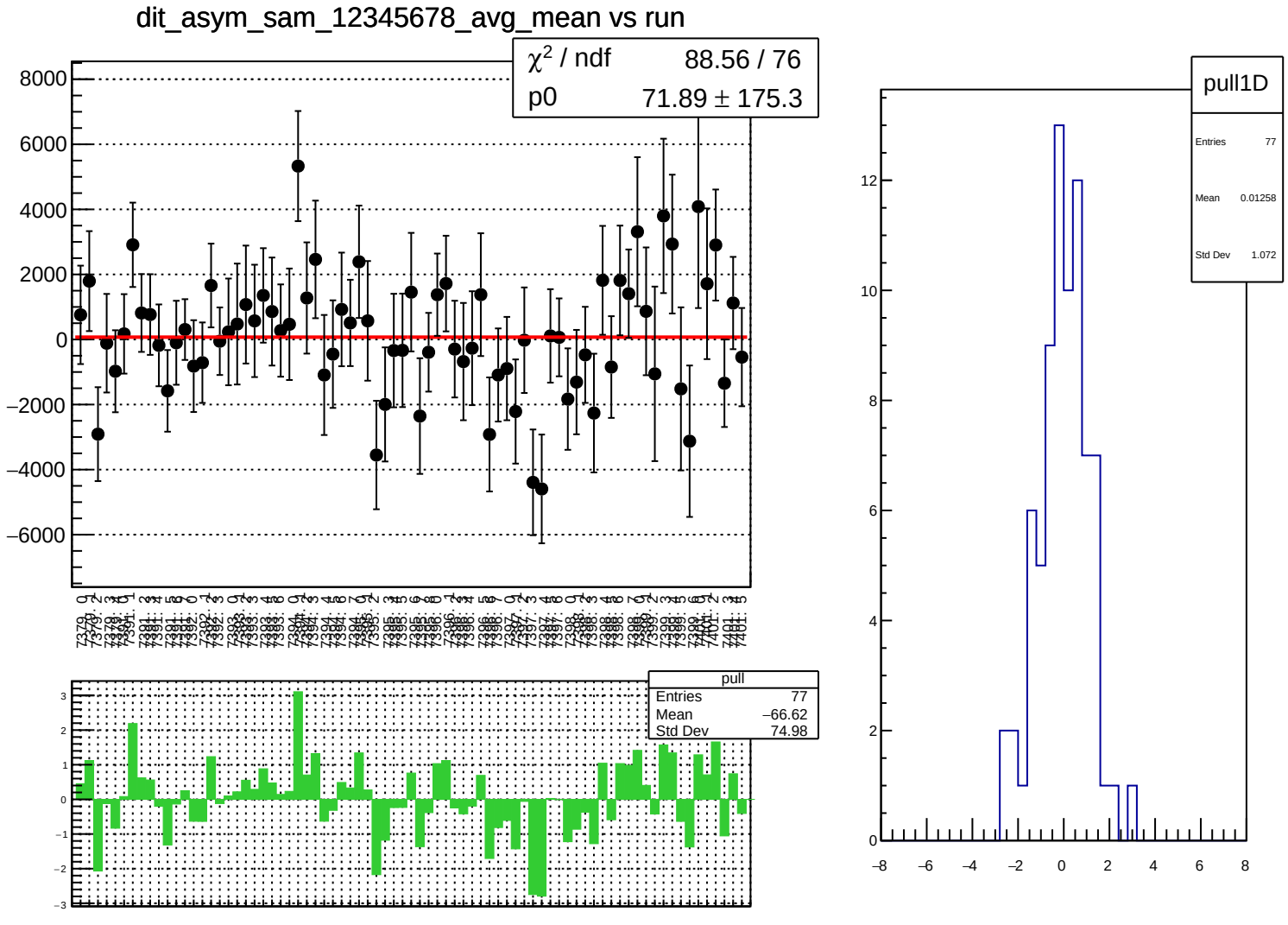

pull1D
Entries 77
Mean −0.002458
Std Dev 1.066
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

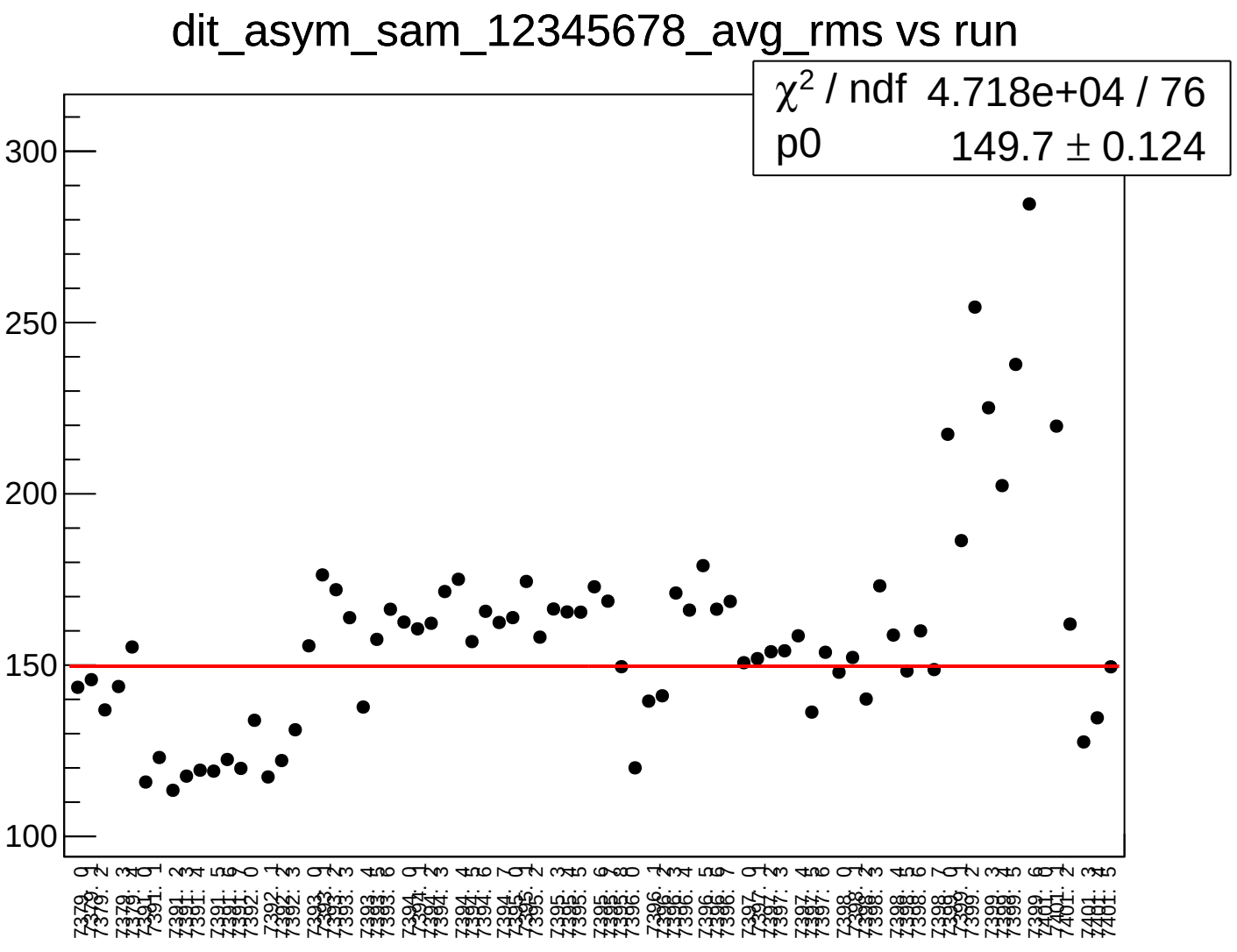

asym_sam_1357_2468_dd_correction_rms vs run
χ² / ndf 1813 / 76
p0 167.1 ± 0.1362
180
175
170
165
160
155

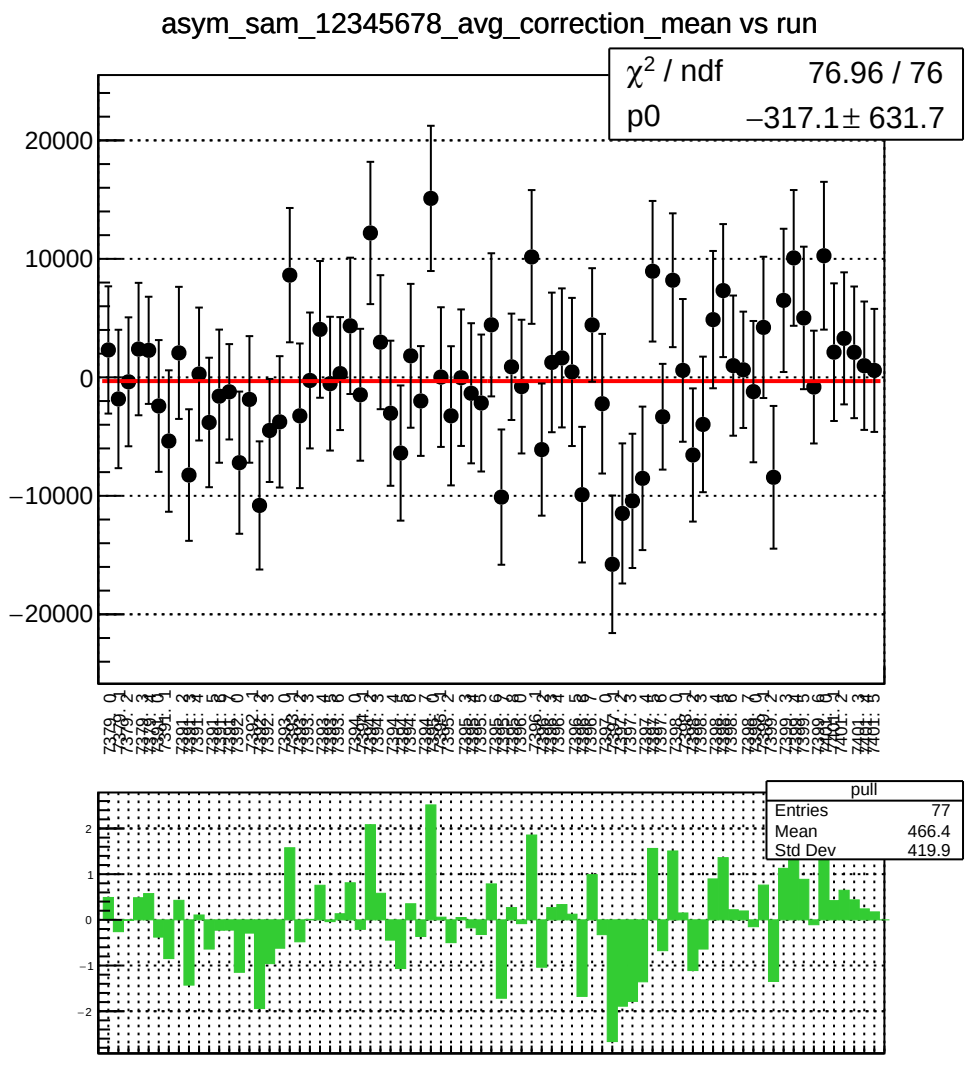

asym_sam_1357_2468_dd_mean vs run
χ² / ndf 75.87 / 76
p0 −1.029 ± 187
pull
Entries 77
Mean −275.5
Std Dev 318.8

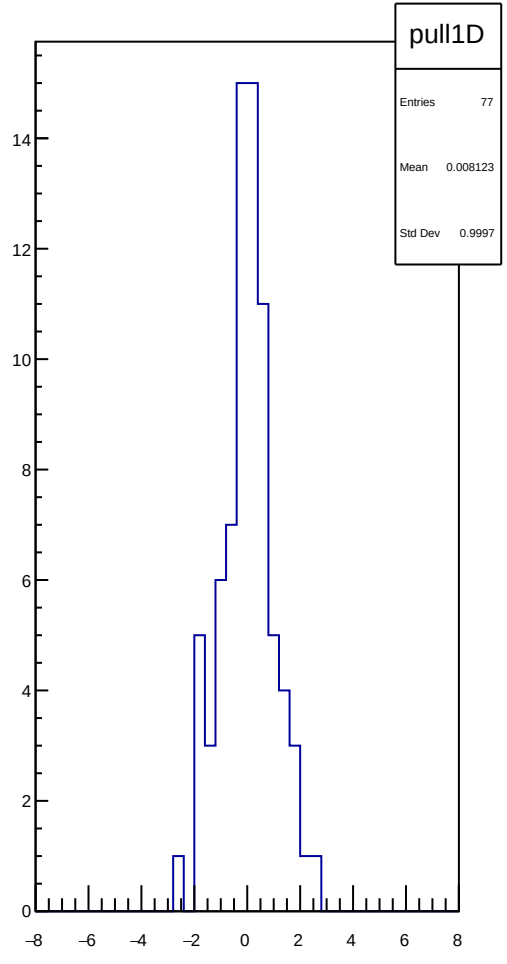

pull1D
Entries 77
Mean −0.01285
Std Dev 0.9926

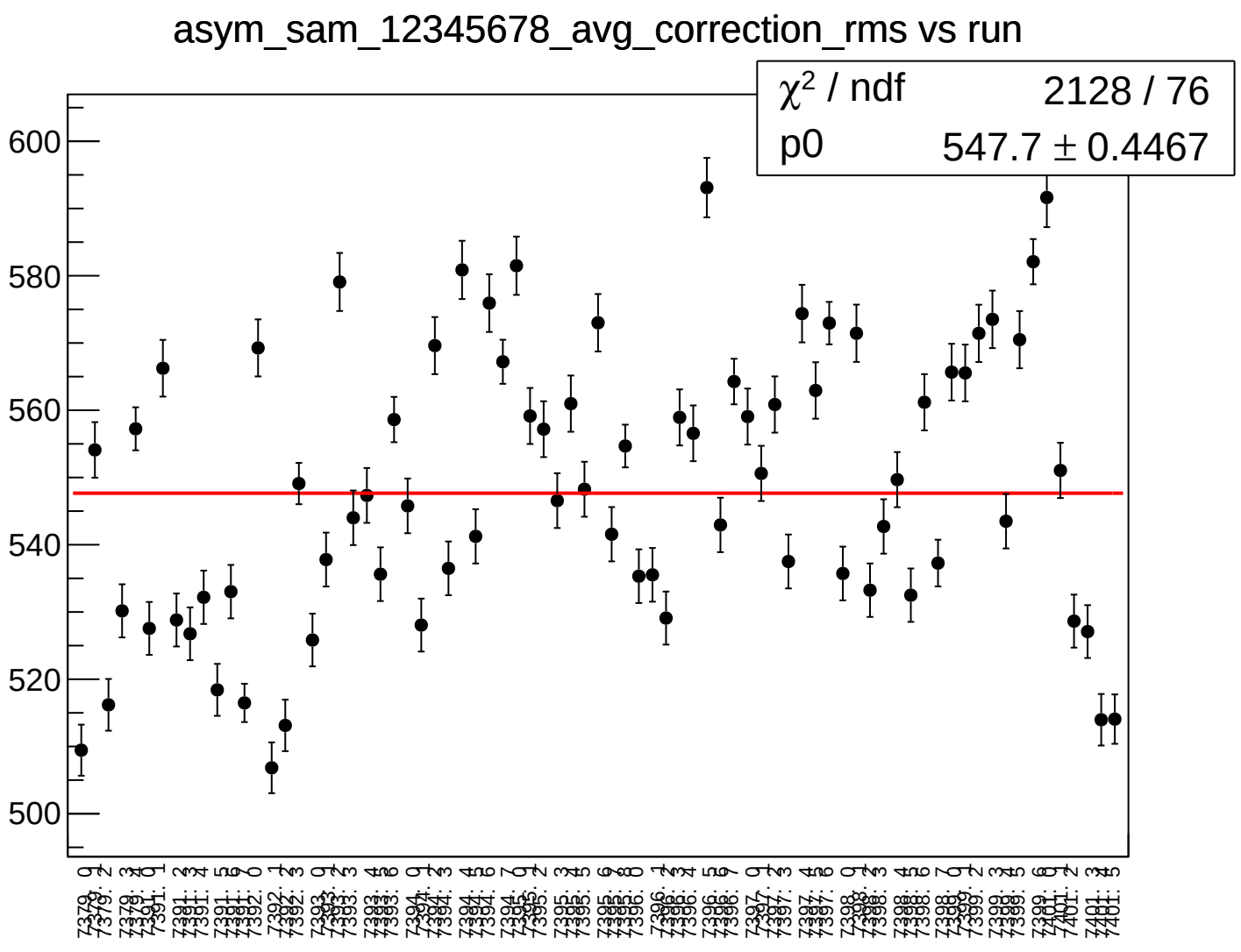

asym_sam_1357_2468_dd_rms vs run
χ² / ndf 7358 / 76
p0 161.8 ± 0.1322
190
180
170
160
150
140

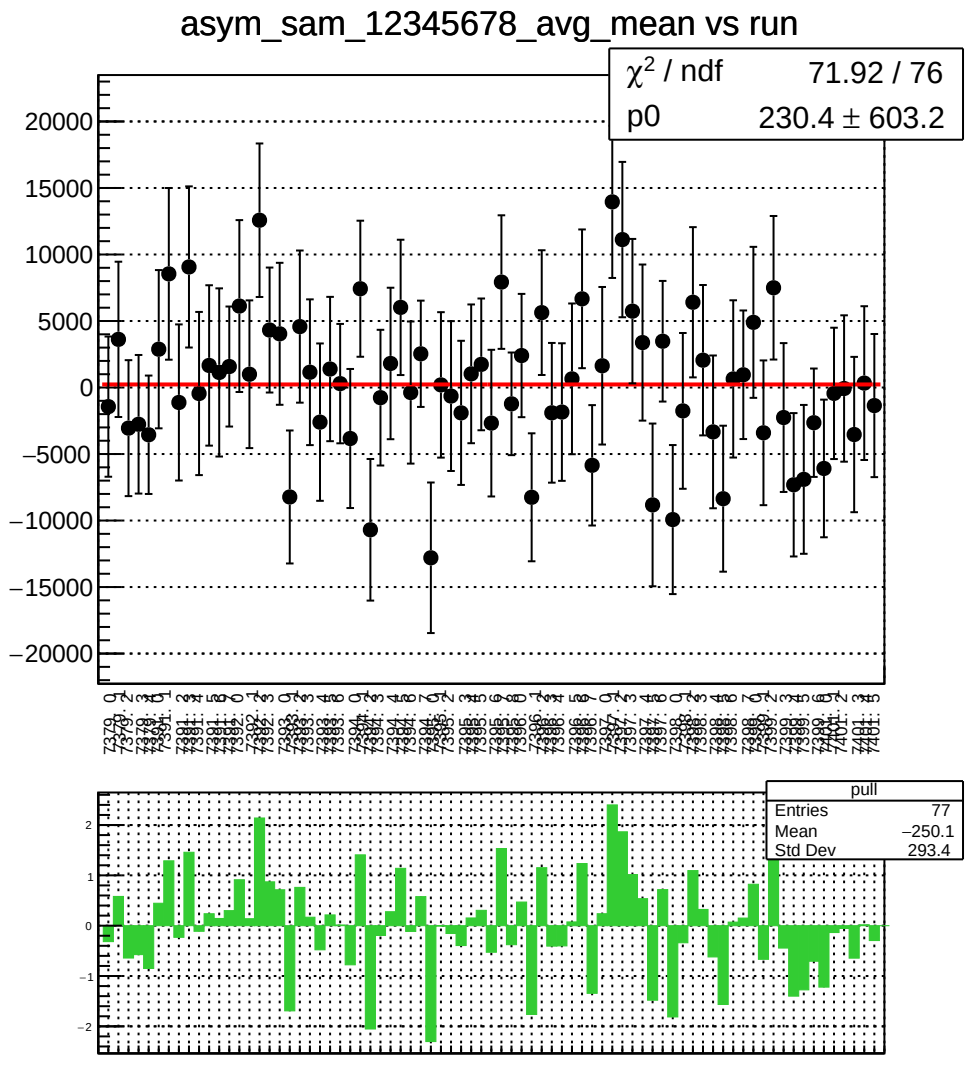

dit_asym_sam_12345678_avg_mean vs run
χ² / ndf 88.56 / 76
p0 71.89 ± 175.3
pull
Entries 77
Mean −66.62
Std Dev 74.98
pull1D
Entries 77
Mean 0.01258
Std Dev 1.072

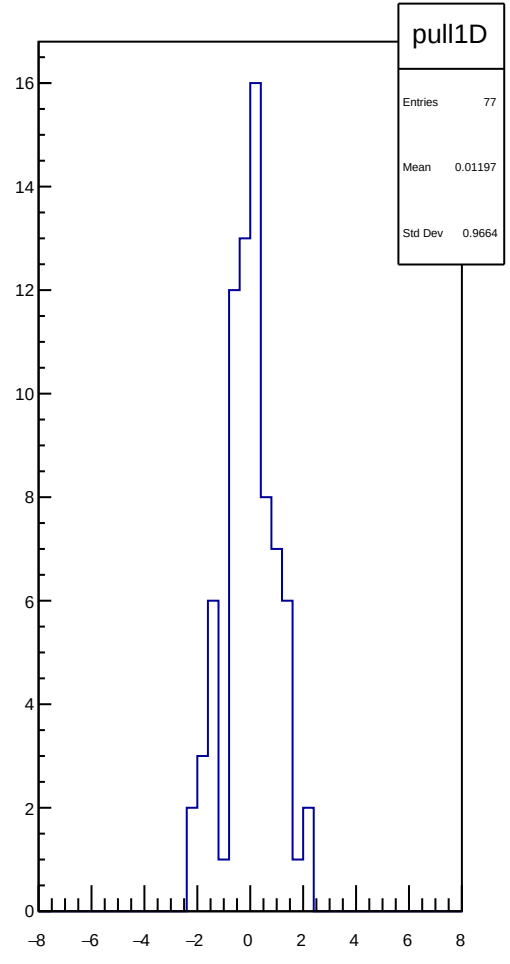

dit_asym_sam_12345678_avg_rms vs run
χ² / ndf 4.718e+04 / 76
p0 149.7 ± 0.124
300
250
200
150
100

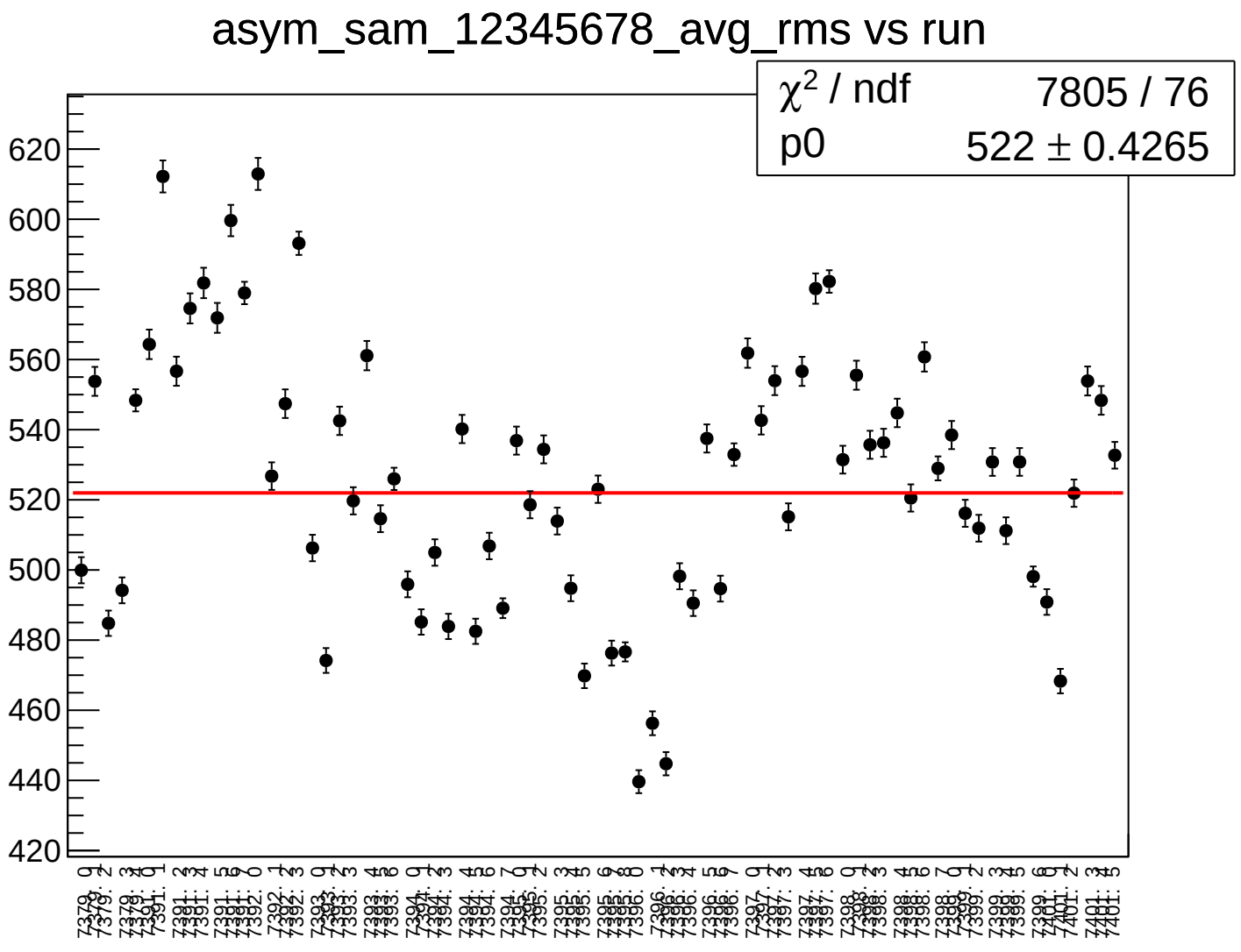

asym_sam_12345678_avg_correction_mean vs run
χ² / ndf 76.96 / 76
p0 −317.1± 631.7
20000
10000
0
−10000
−20000
pull
Entries 77
Mean 466.4
Std Dev 419.9
2
1
0
−1
−2

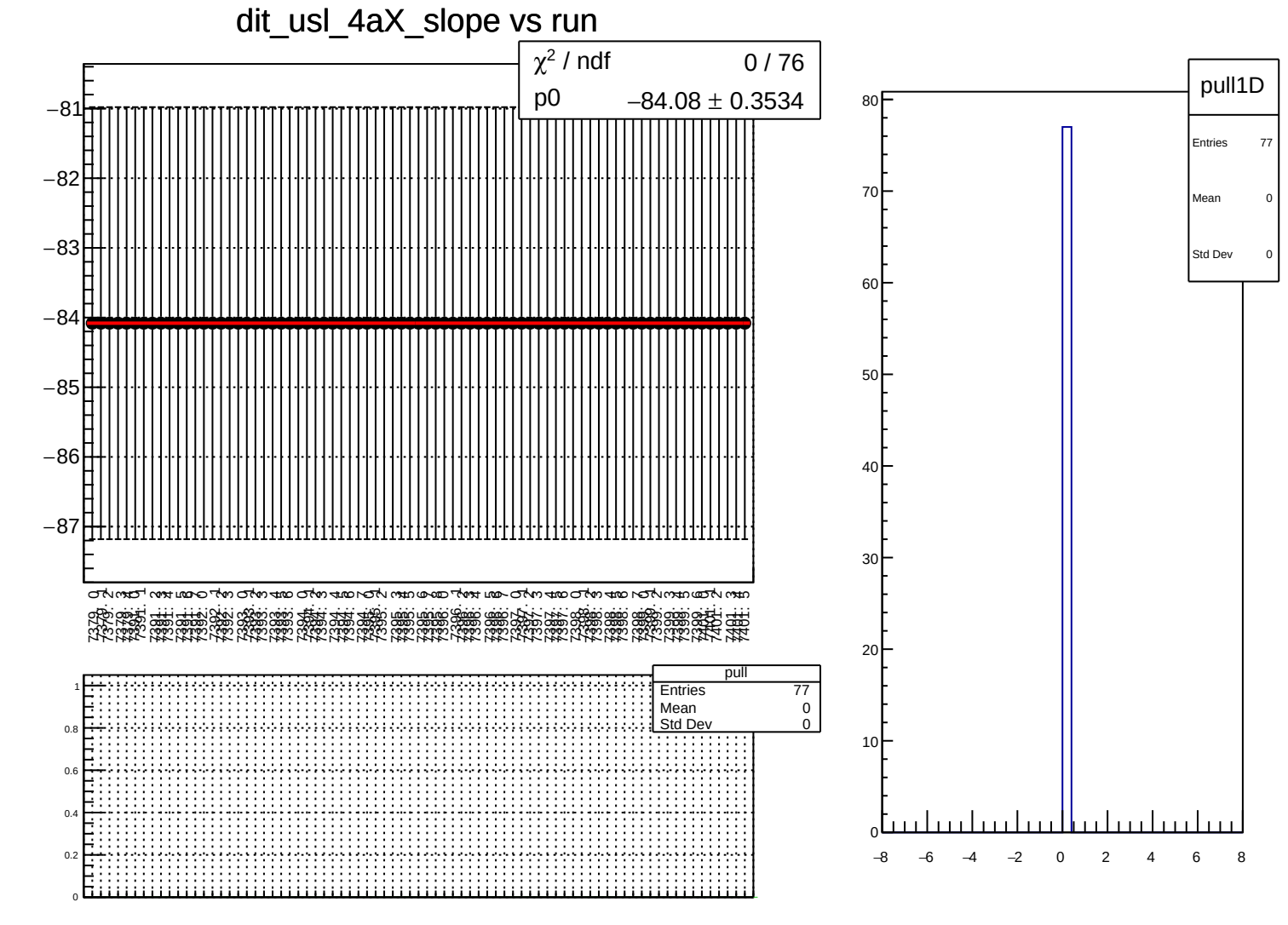

pull1D
Entries 77
Mean 0.008123
Std Dev 0.9997
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

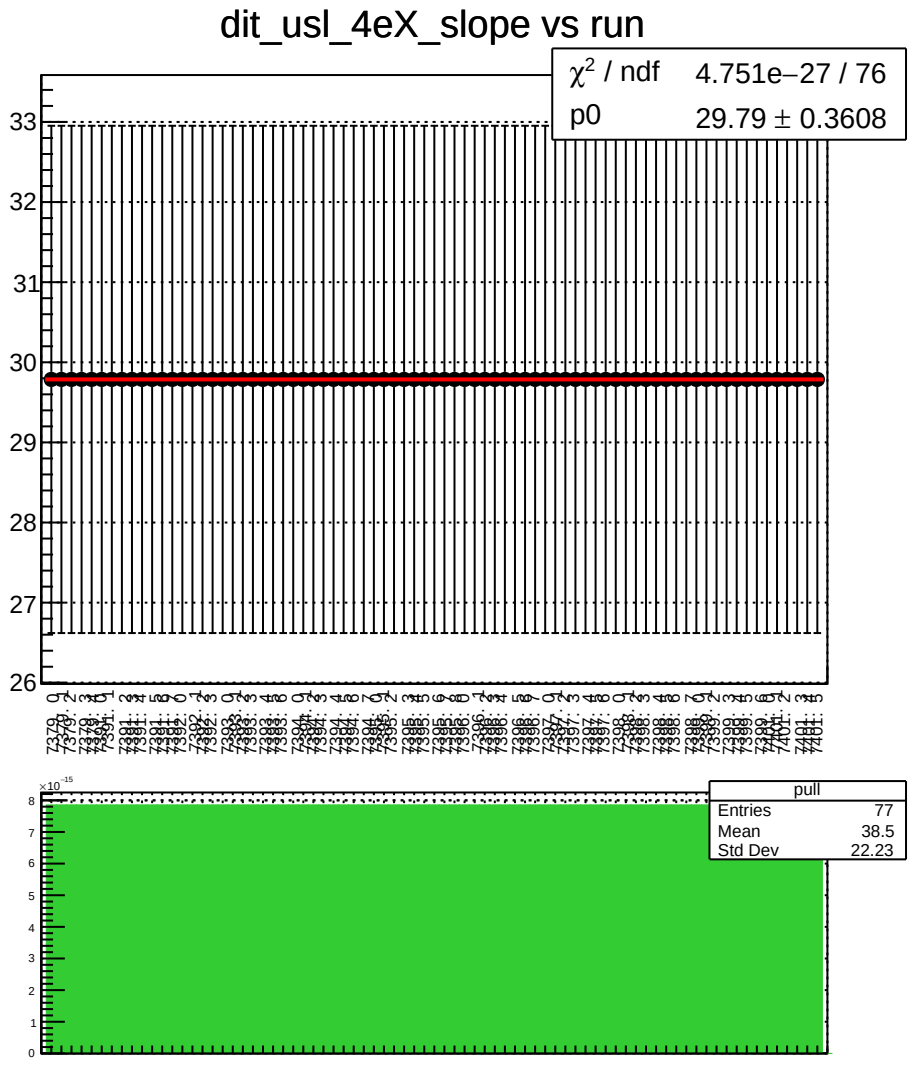

asym_sam_12345678_avg_correction_rms vs run
χ² / ndf 2128 / 76
p0 547.7 ± 0.4467
600
580
560
540
520
500

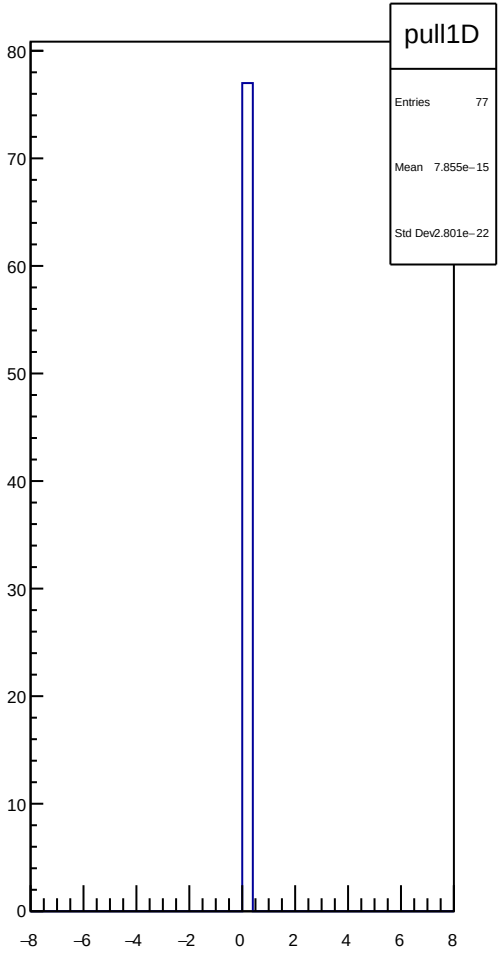

asym_sam_12345678_avg_mean vs run
χ² / ndf 71.92 / 76
p0 230.4 ± 603.2
pull
Entries 77
Mean −250.1
Std Dev 293.4

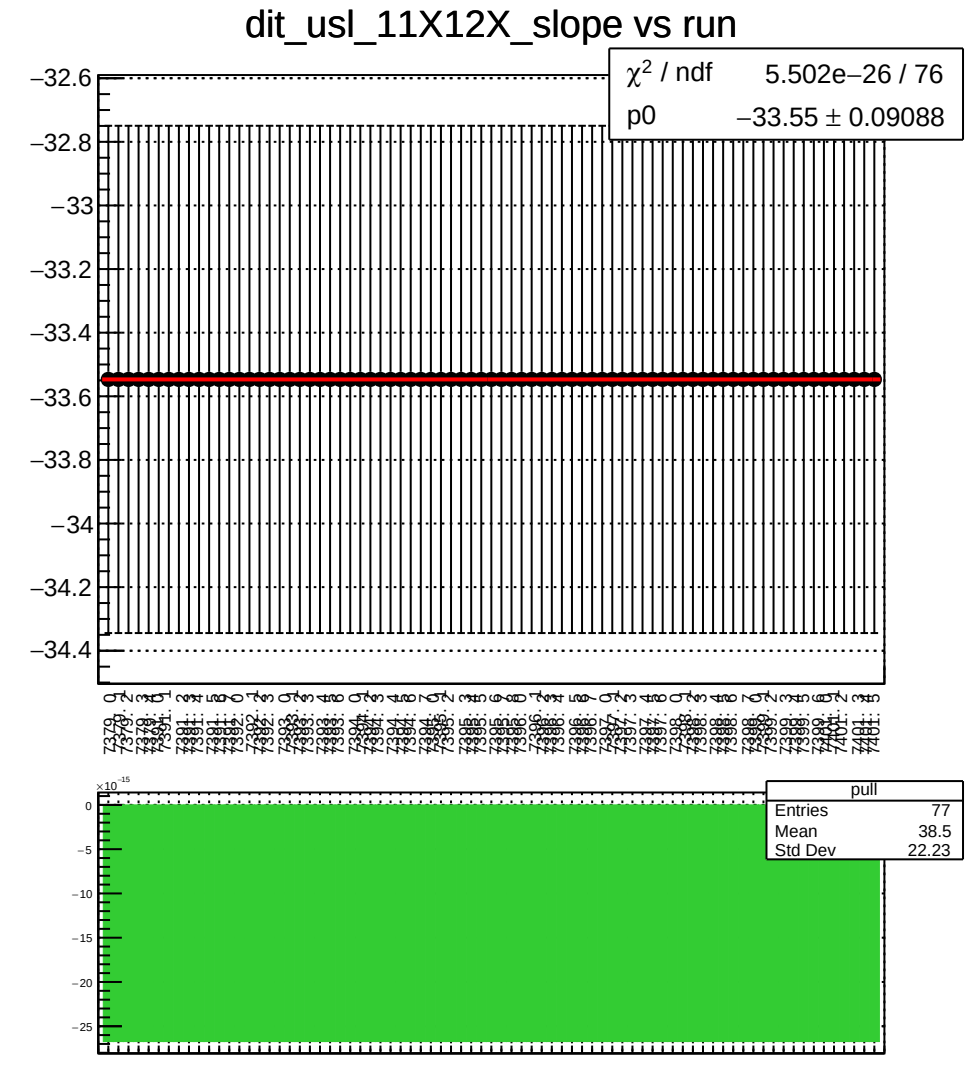

pull1D
Entries 77
Mean 0.01197
Std Dev 0.9664

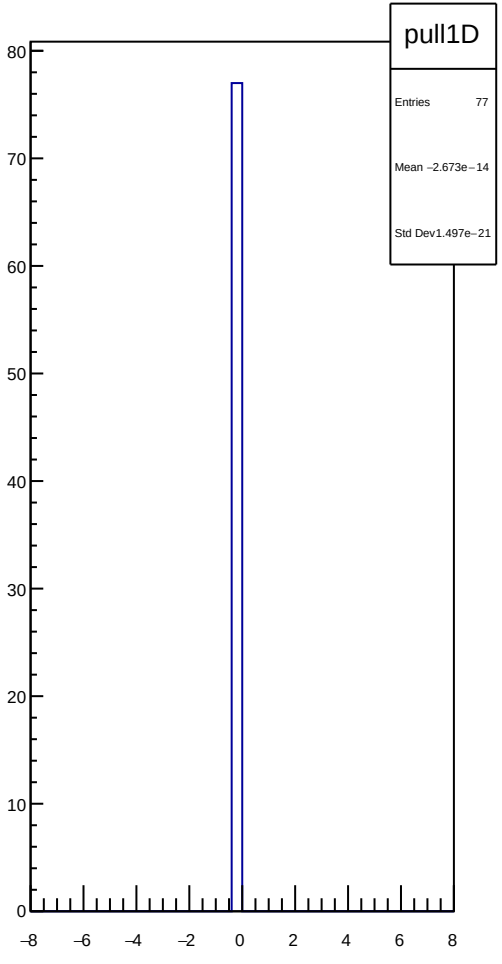

asym_sam_12345678_avg_rms vs run
χ² / ndf 7805 / 76
p0 522 ± 0.4265
620
600
580
560
540
520
500
480
460
440
420

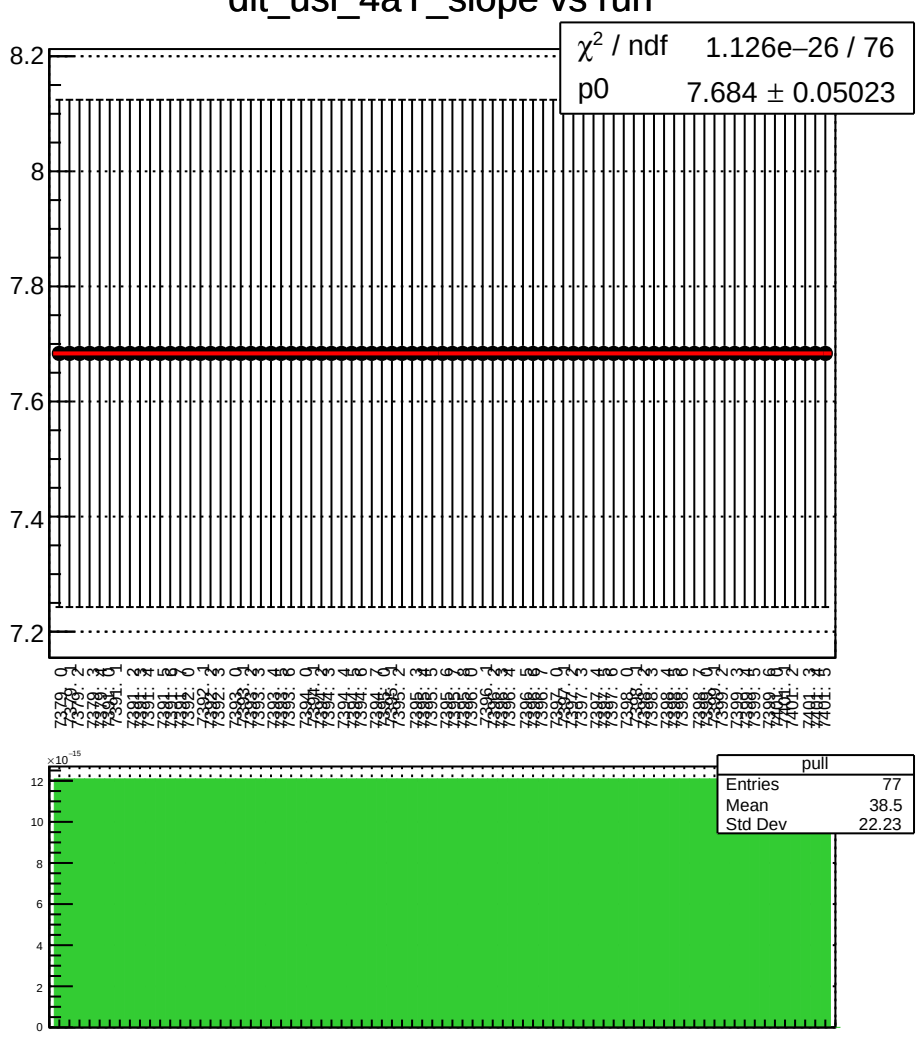

dit_usl_4aX_slope vs run
χ² / ndf 0 / 76
p0 −84.08 ± 0.3534
pull
Entries 77
Mean 0
Std Dev 0
pull1D
Entries 77
Mean 0
Std Dev 0

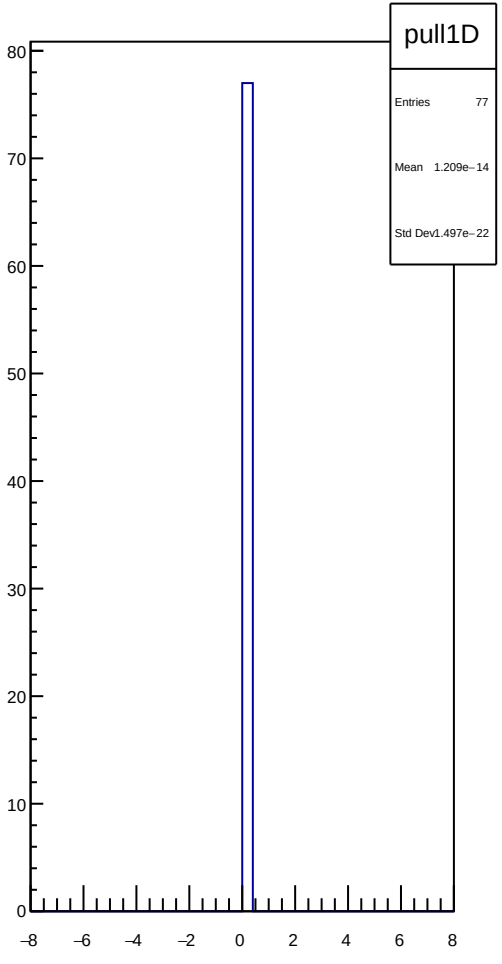

dit_usl_4eX_slope vs run
χ² / ndf 4.751e−27 / 76
p0 29.79 ± 0.3608
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵

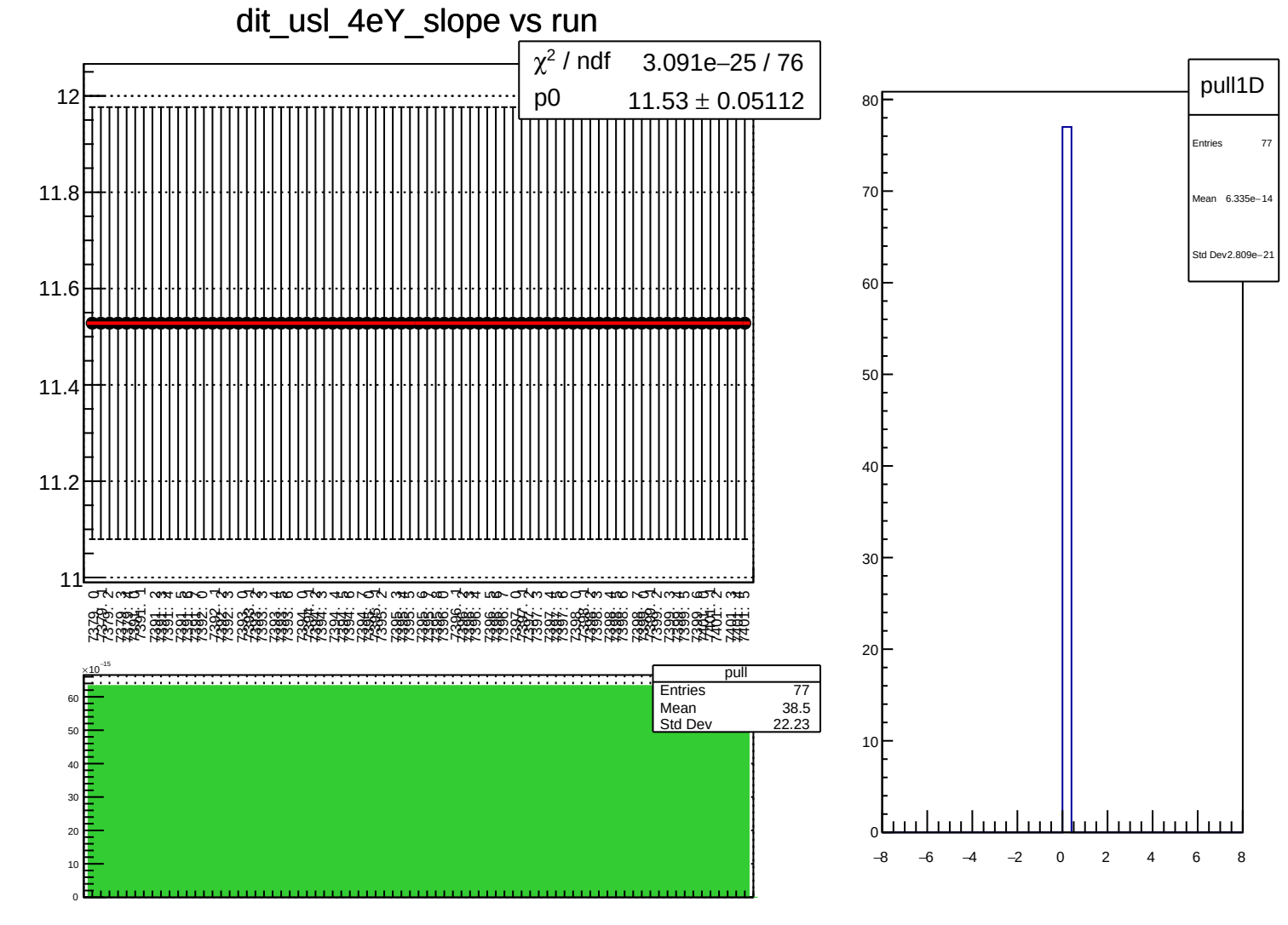

pull1D
Entries 77
Mean 7.855e−15
Std Dev 2.801e−22

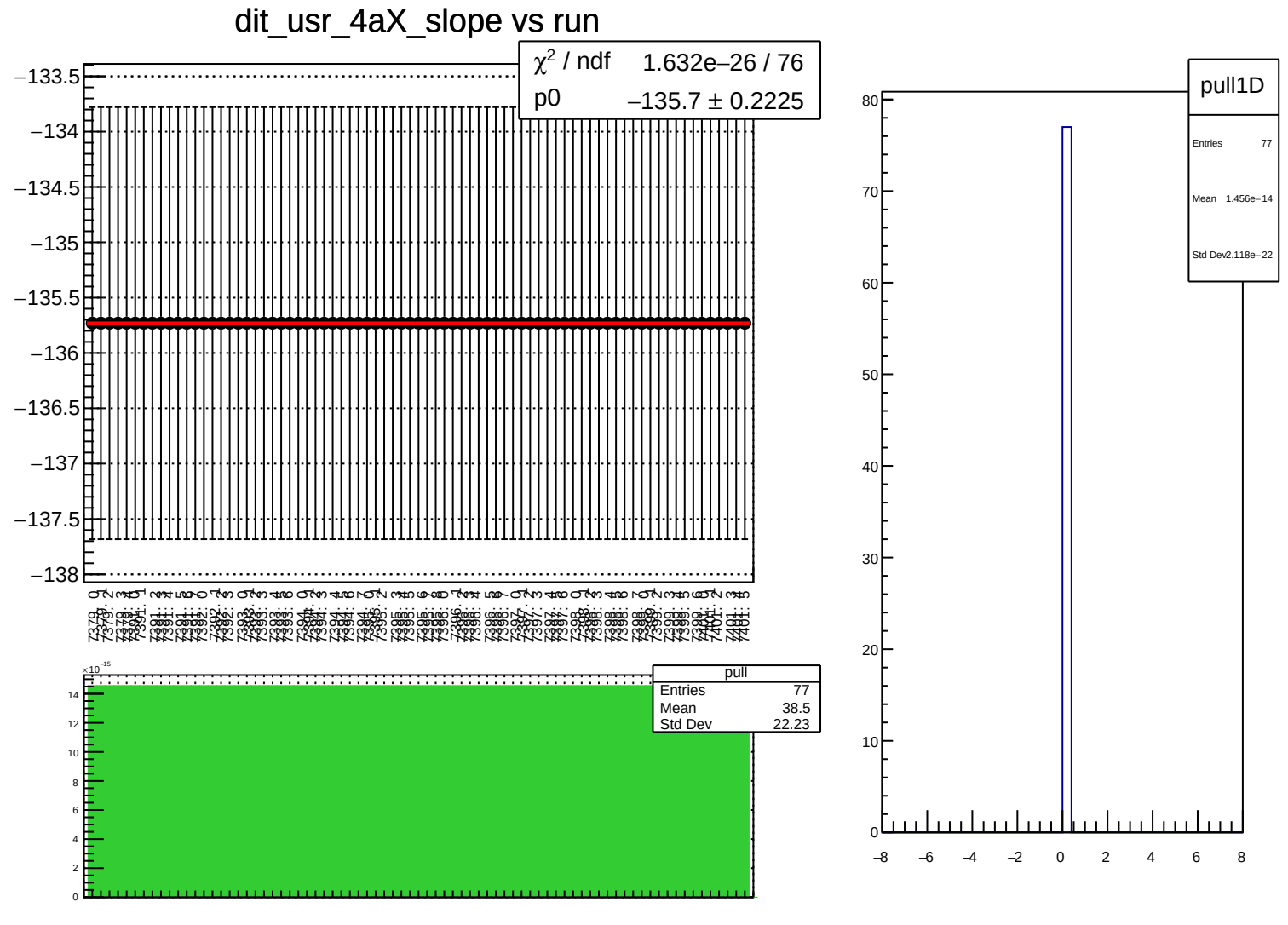

dit_usl_11X12X_slope vs run
χ² / ndf 5.502e−26 / 76
p0 −33.55 ± 0.09088
pull
Entries 77
Mean 38.5
Std Dev 22.23

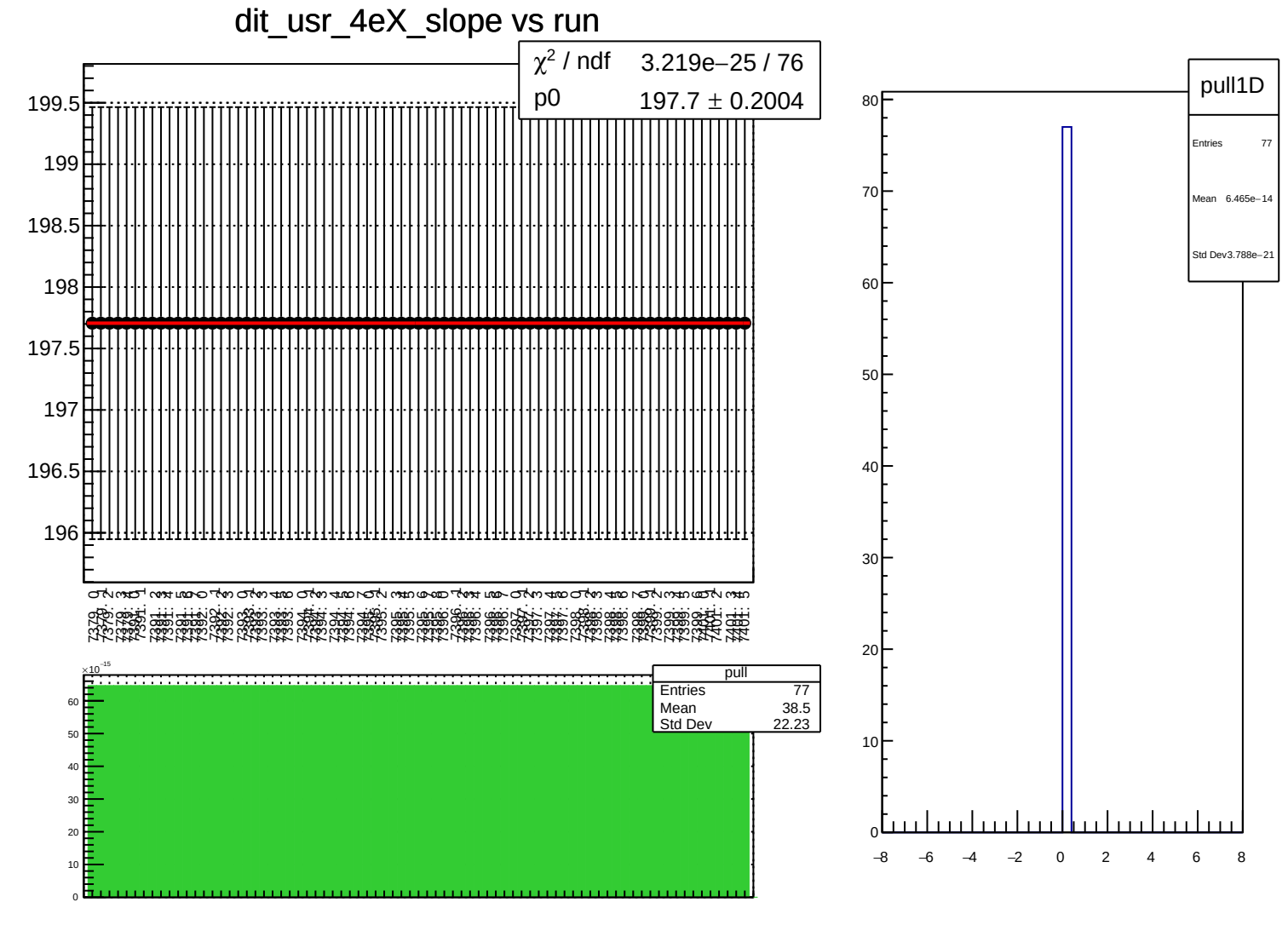

pull1D
Entries 77
Mean −2.673e−14
Std Dev1.497e−21

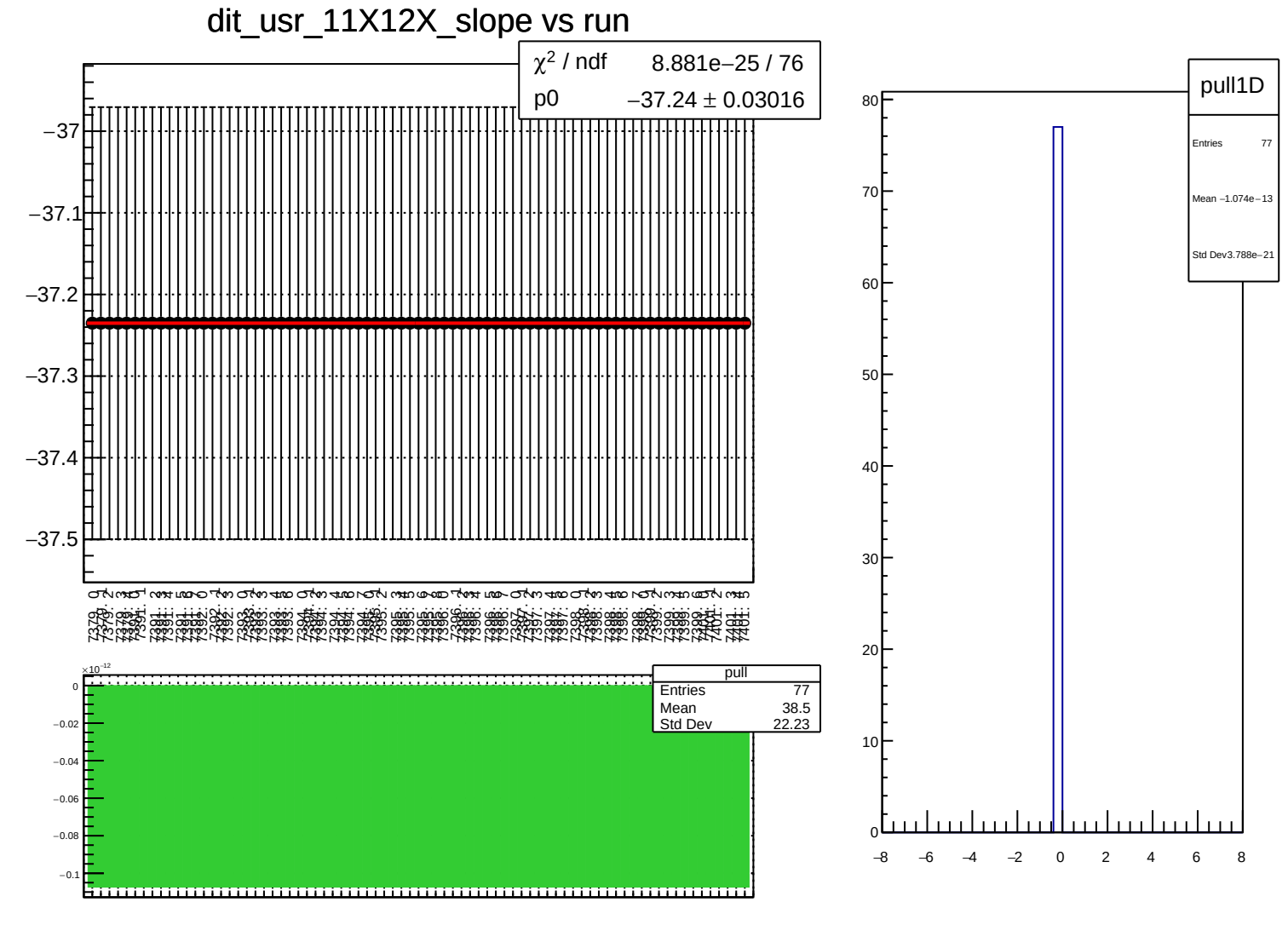

dit_usl_4aY_slope vs run
χ² / ndf 1.126e−26 / 76
p0 7.684 ± 0.05023
pull
Entries 77
Mean 38.5
Std Dev 22.23

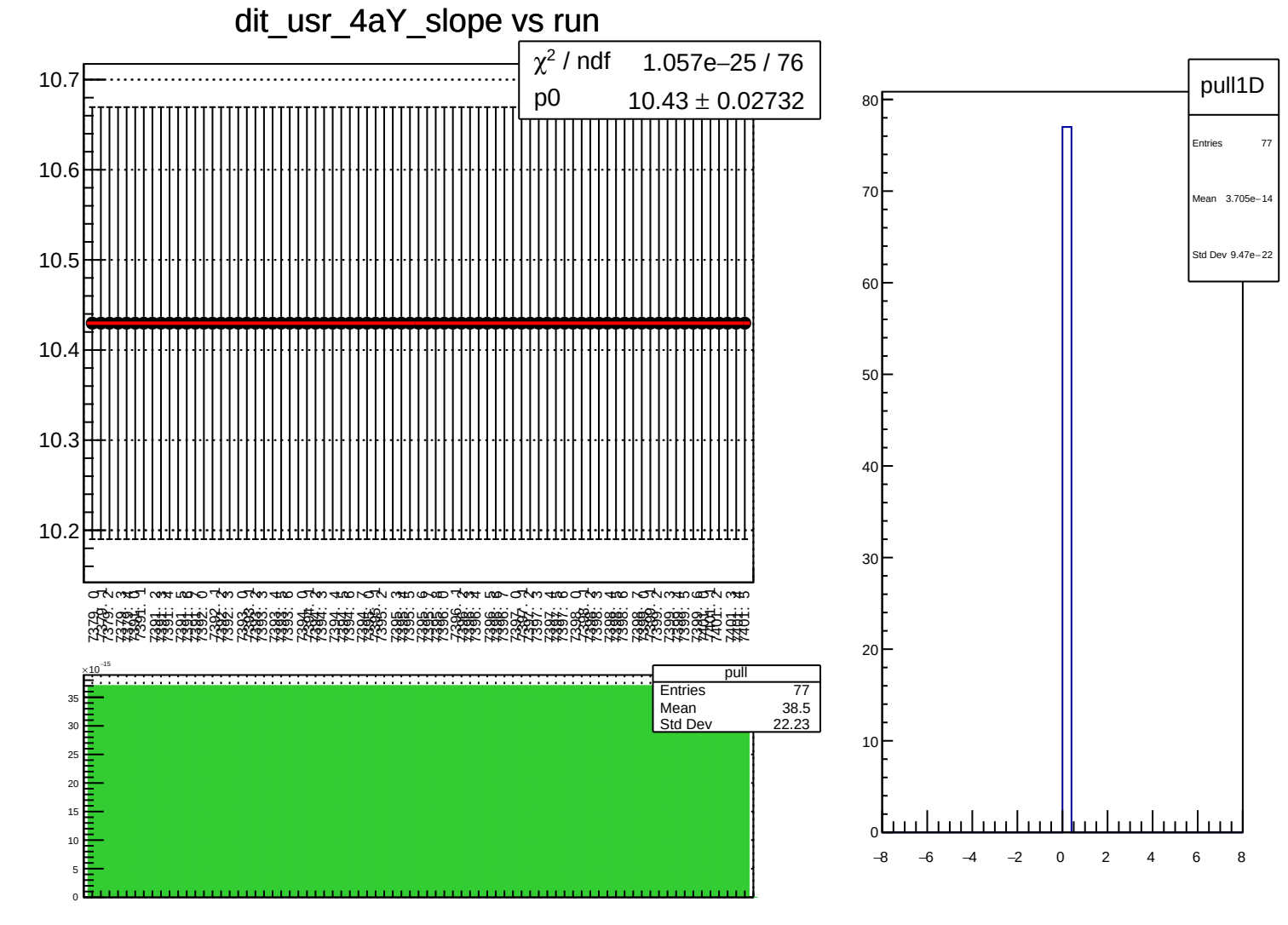

pull1D
Entries 77
Mean 1.209e−14
Std Dev1.497e−22

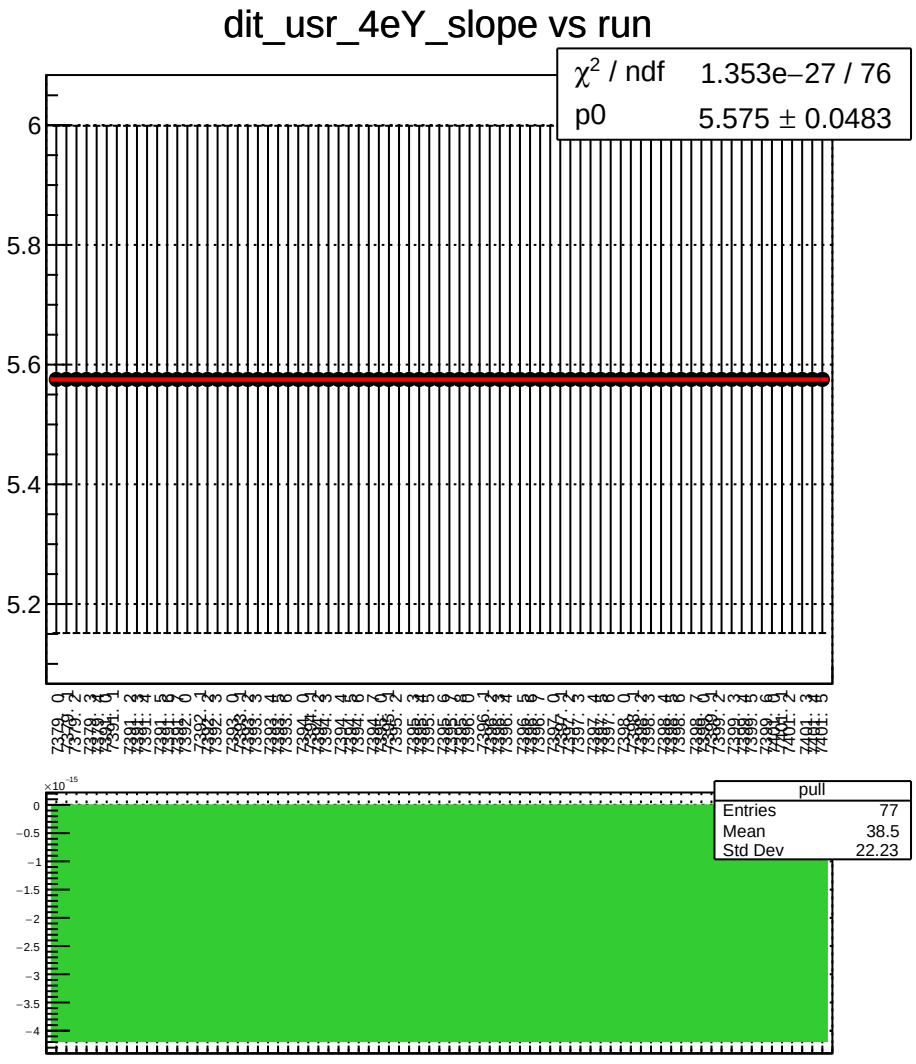

dit_usl_4eY_slope vs run
χ² / ndf 3.091e−25 / 76
p0 11.53 ± 0.05112
12
11.8
11.6
11.4
11.2
11
×10⁻¹⁵
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean 6.335e−14
Std Dev2.809e−21

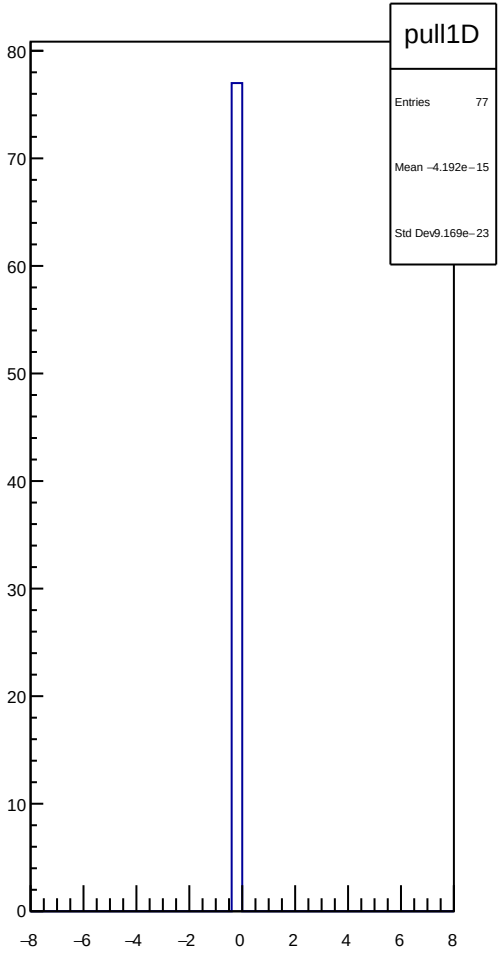

dit_usr_4aX_slope vs run
χ² / ndf 1.632e−26 / 76
p0 −135.7 ± 0.2225
−133.5
−134
−134.5
−135
−135.5
−136
−136.5
−137
−137.5
−138
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
pull1D
Entries 77
Mean 1.456e−14
Std Dev 2.118e−22

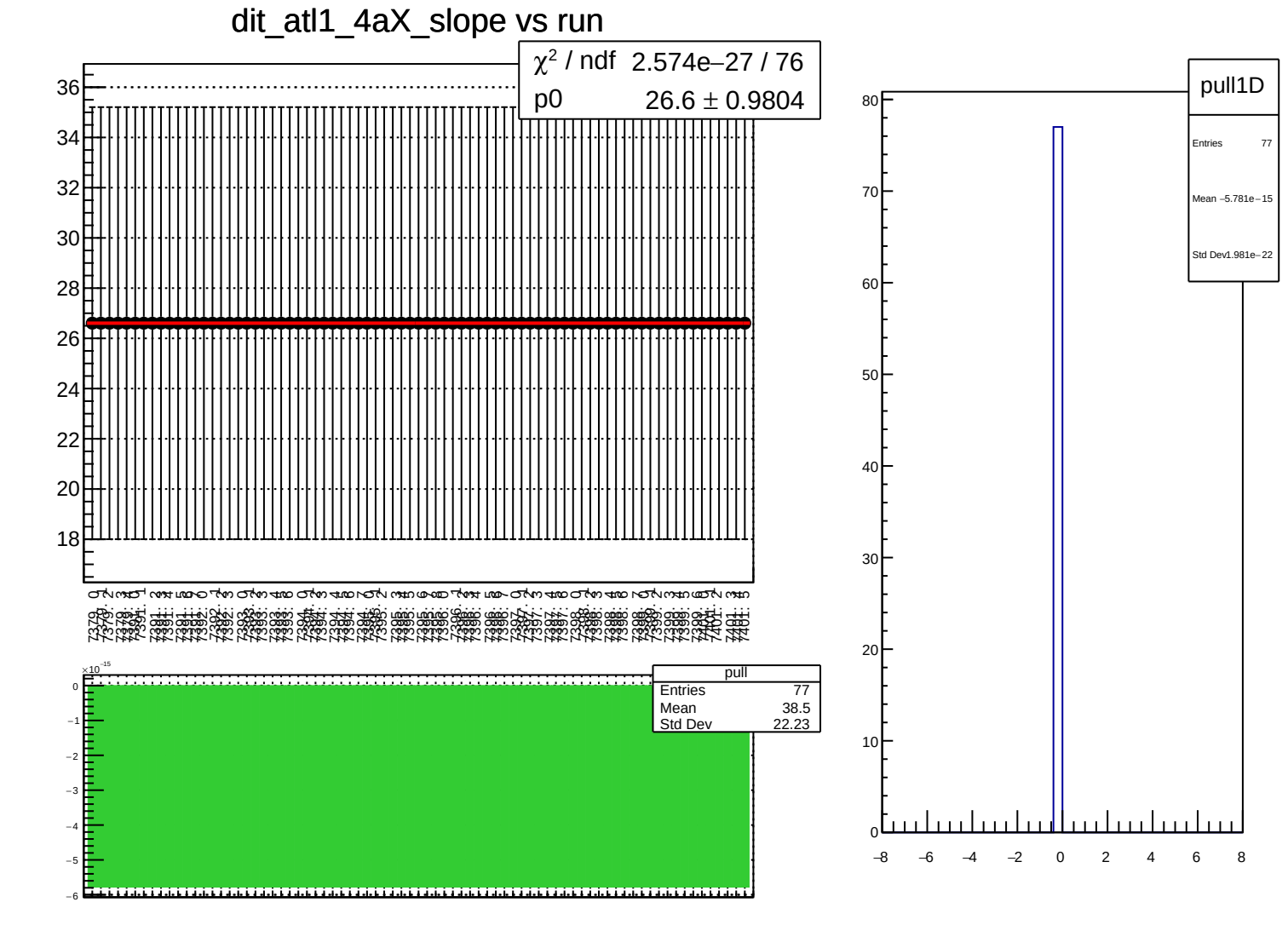

dit_usr_4eX_slope vs run
χ² / ndf 3.219e−25 / 76
p0 197.7 ± 0.2004
199.5
199
198.5
198
197.5
197
196.5
196
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
60
50
40
30
20
10
0
pull1D
Entries 77
Mean 6.465e−14
Std Dev 3.788e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

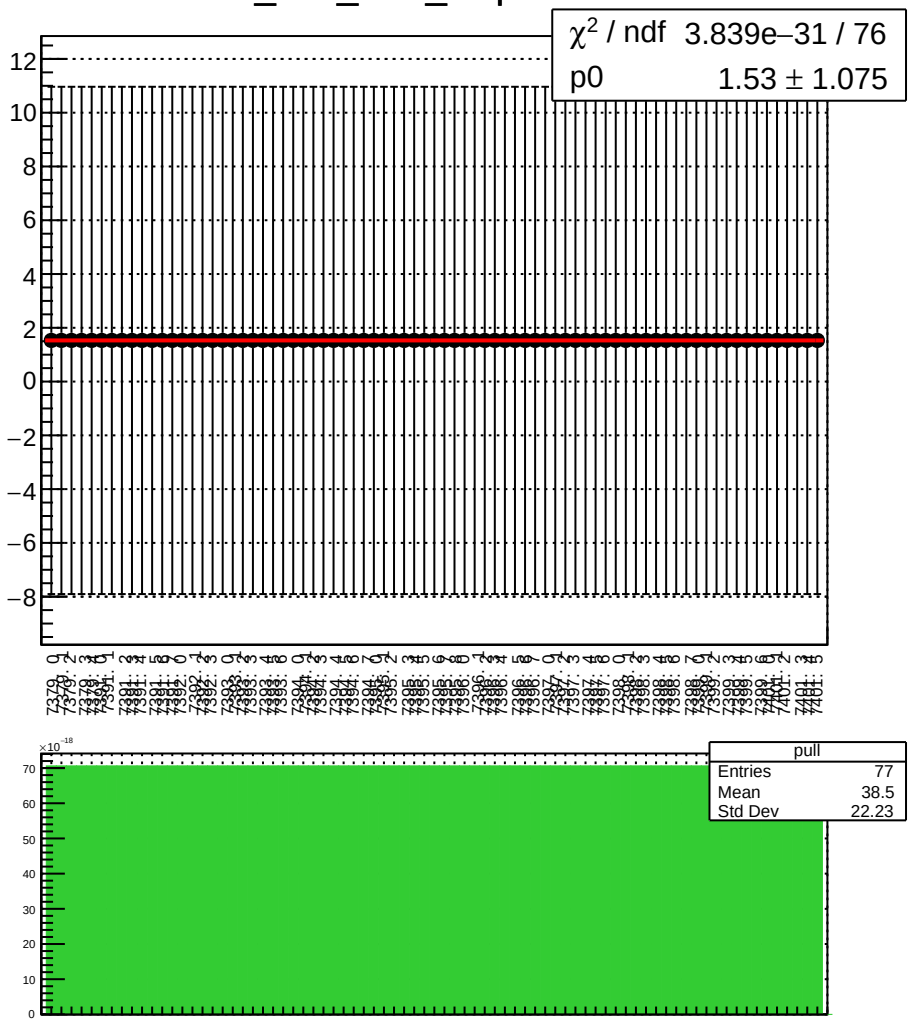

dit_usr_11X12X_slope vs run
χ² / ndf 8.881e−25 / 76
p0 −37.24 ± 0.03016
−37
−37.1
−37.2
−37.3
−37.4
−37.5
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 77
Mean −1.074e−13
Std Dev3.788e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

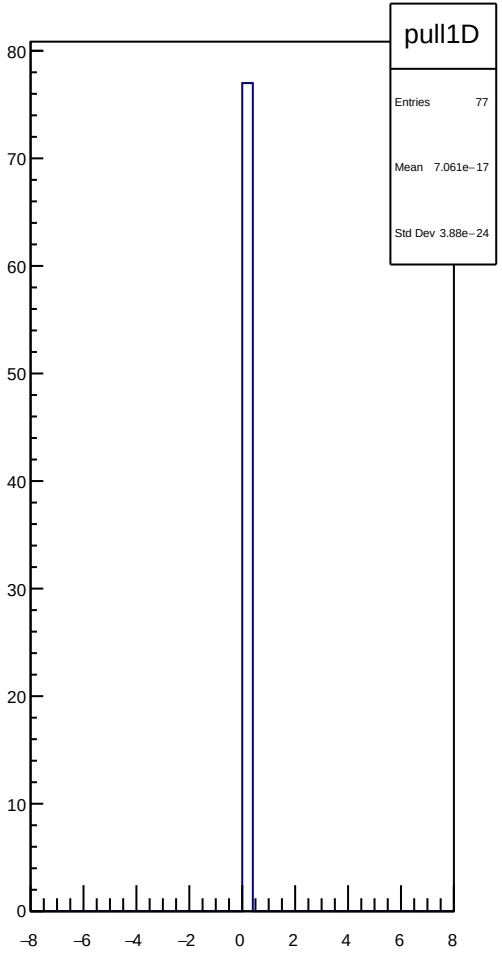

dit_usr_4aY_slope vs run
χ² / ndf 1.057e−25 / 76
p0 10.43 ± 0.02732
10.7
10.6
10.5
10.4
10.3
10.2
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
35
30
25
20
15
10
5
0
pull1D
Entries 77
Mean 3.705e−14
Std Dev 9.47e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

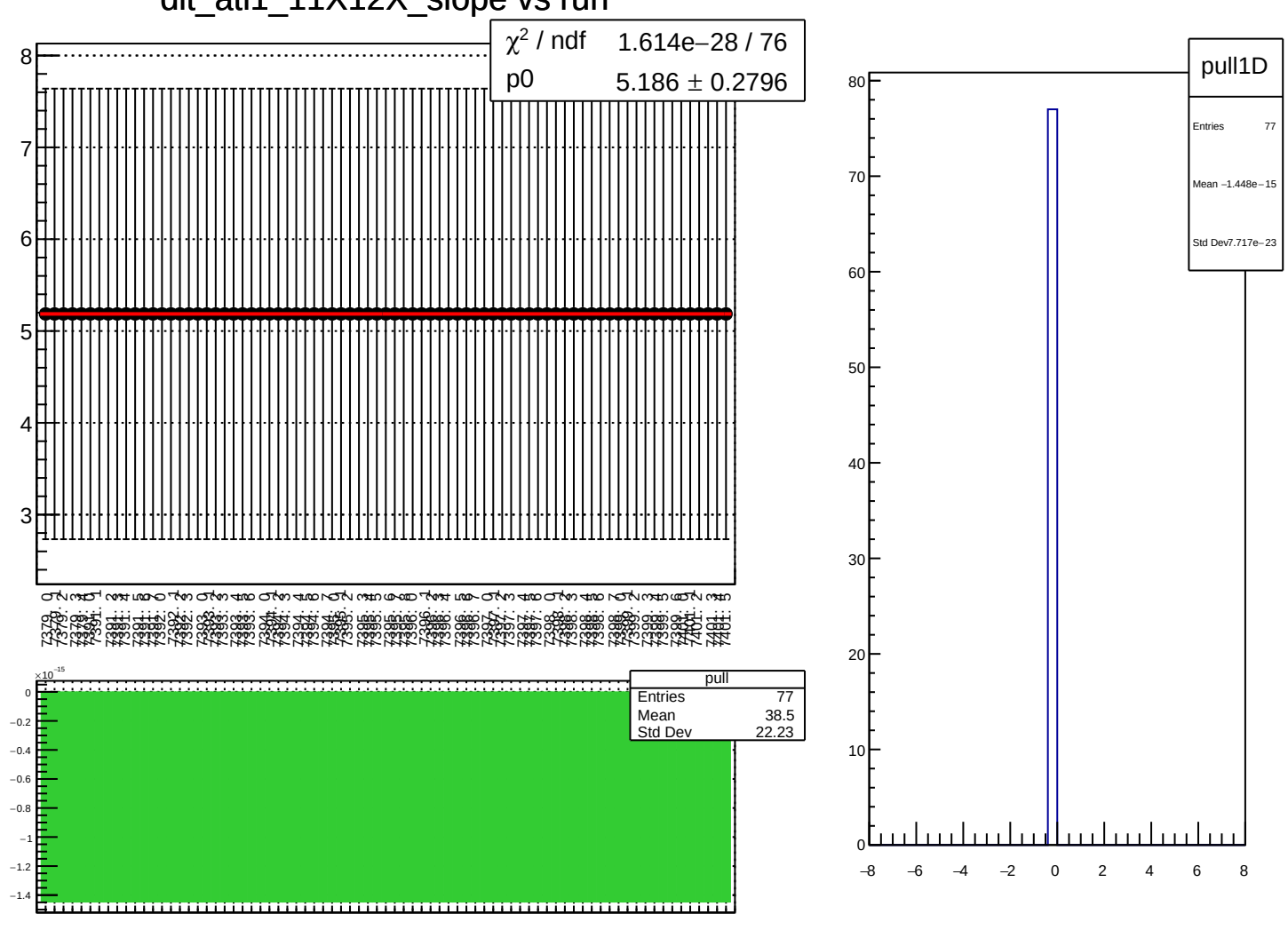

dit_usr_4eY_slope vs run
χ² / ndf 1.353e−27 / 76
p0 5.575 ± 0.0483
pull
Entries 77
Mean 38.5
Std Dev 22.23

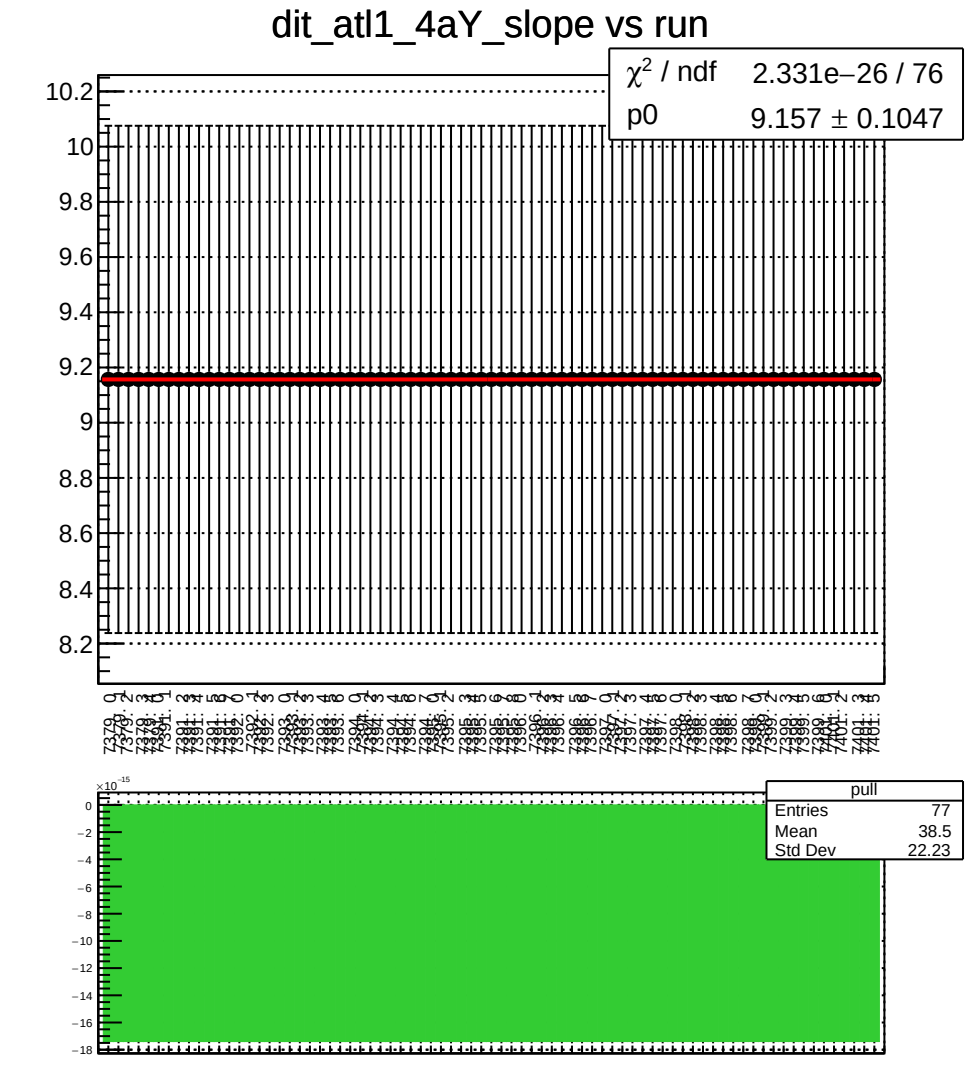

pull1D
Entries 77
Mean −4.192e−15
Std Dev 9.169e−23

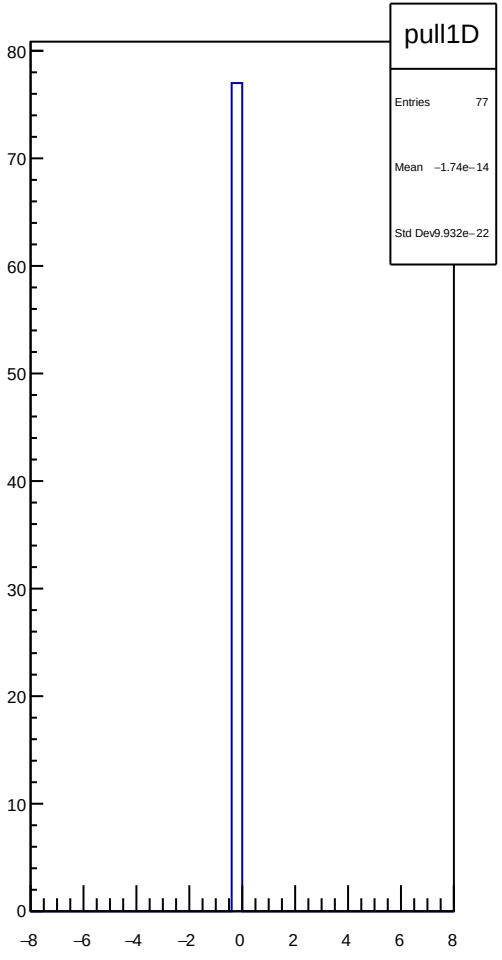

dit_atl1_4aX_slope vs run
χ² / ndf 2.574e−27 / 76
p0 26.6 ± 0.9804
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −5.781e−15
Std Dev1.981e−22

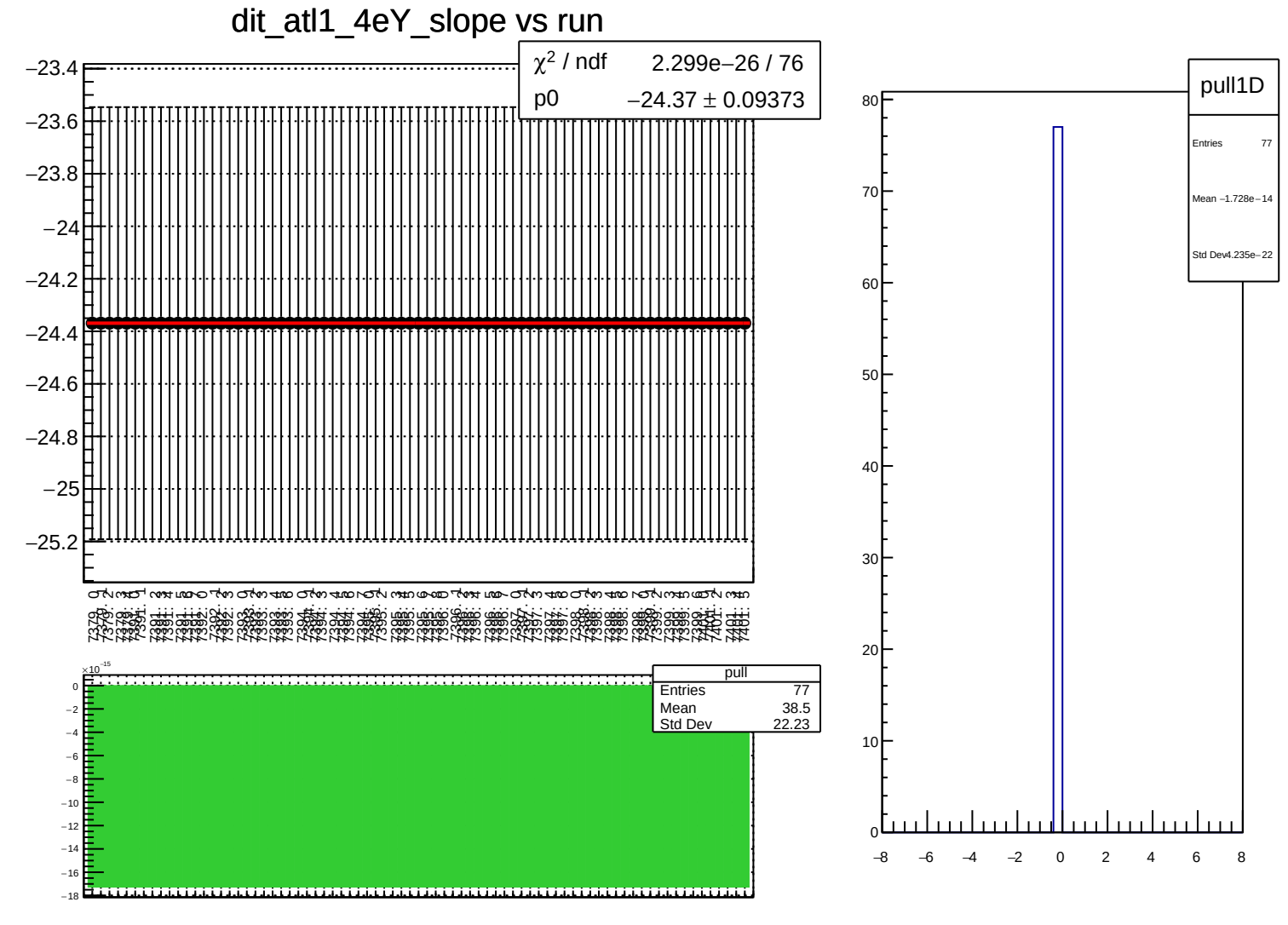

dit_atl1_4eX_slope vs run
χ² / ndf 3.839e−31 / 76
p0 1.53 ± 1.075
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁸

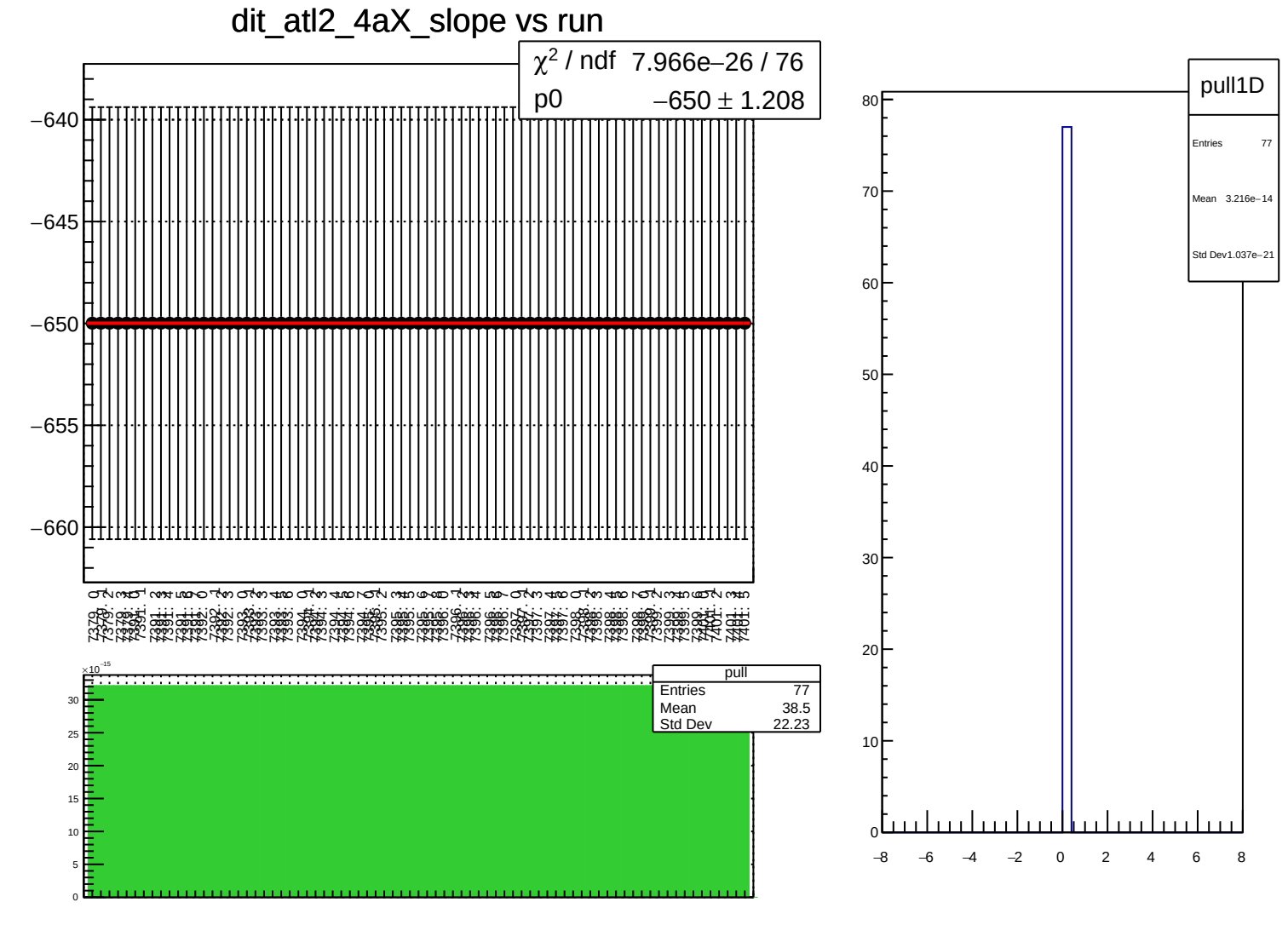

pull1D
Entries 77
Mean 7.061e−17
Std Dev 3.88e−24

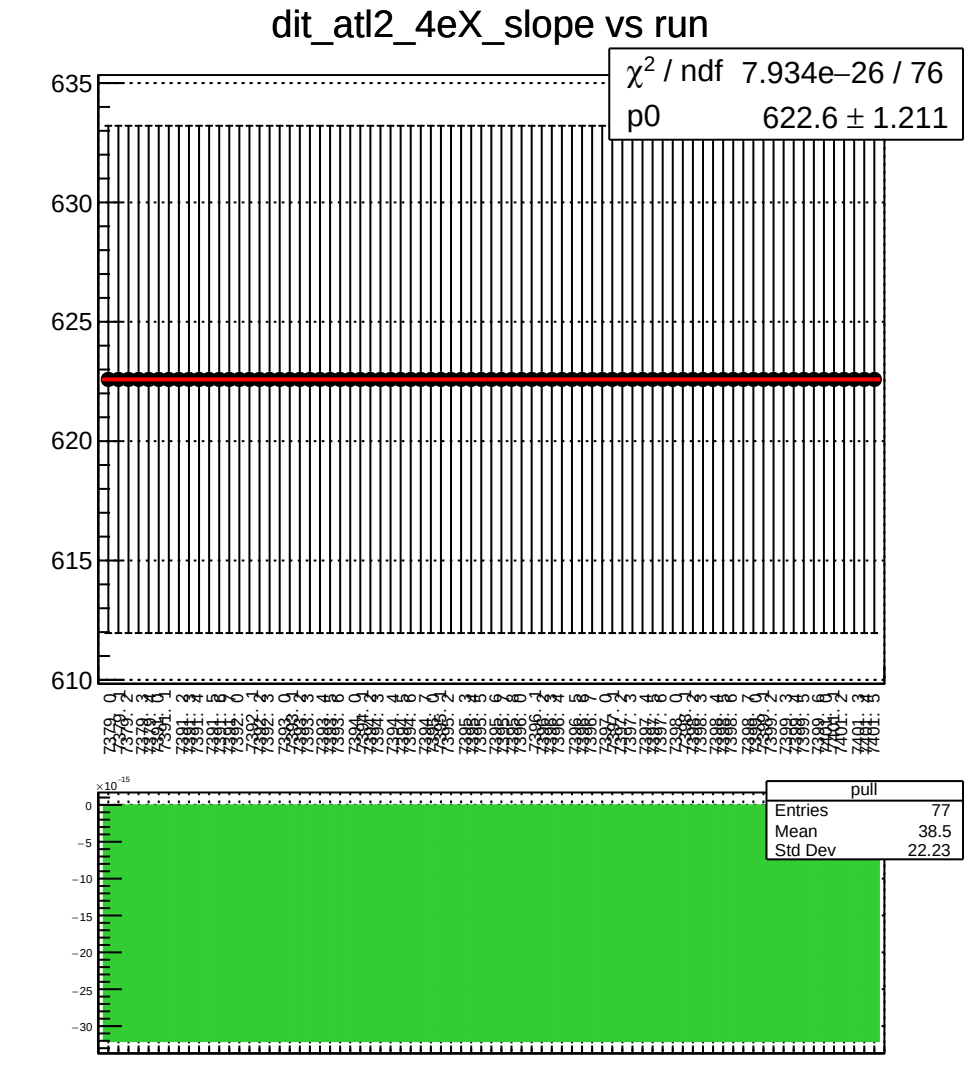

dit_atl1_11X12X_slope vs run
χ² / ndf 1.614e−28 / 76
p0 5.186 ± 0.2796
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −1.448e−15
Std Dev7.717e−23

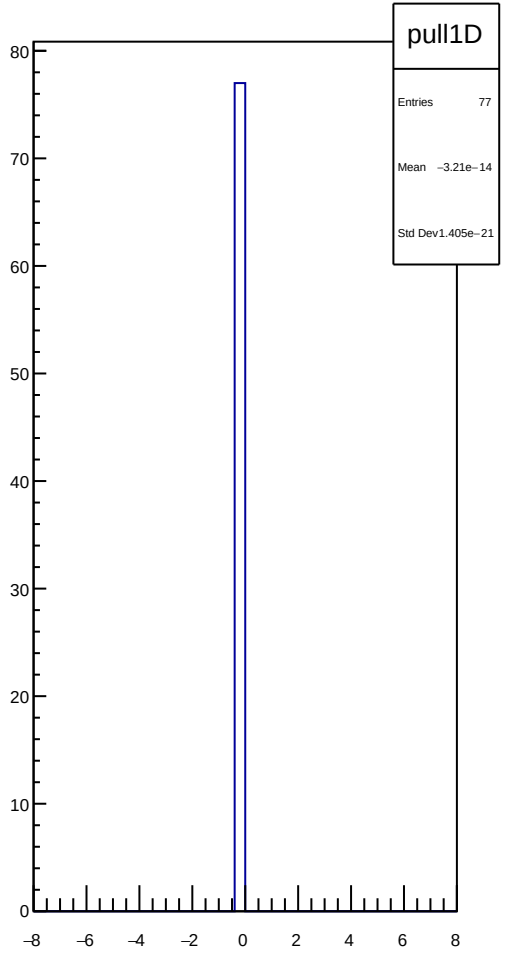

dit_atl1_4aY_slope vs run
χ² / ndf 2.331e−26 / 76
p0 9.157 ± 0.1047
pull
Entries 77
Mean 38.5
Std Dev 22.23

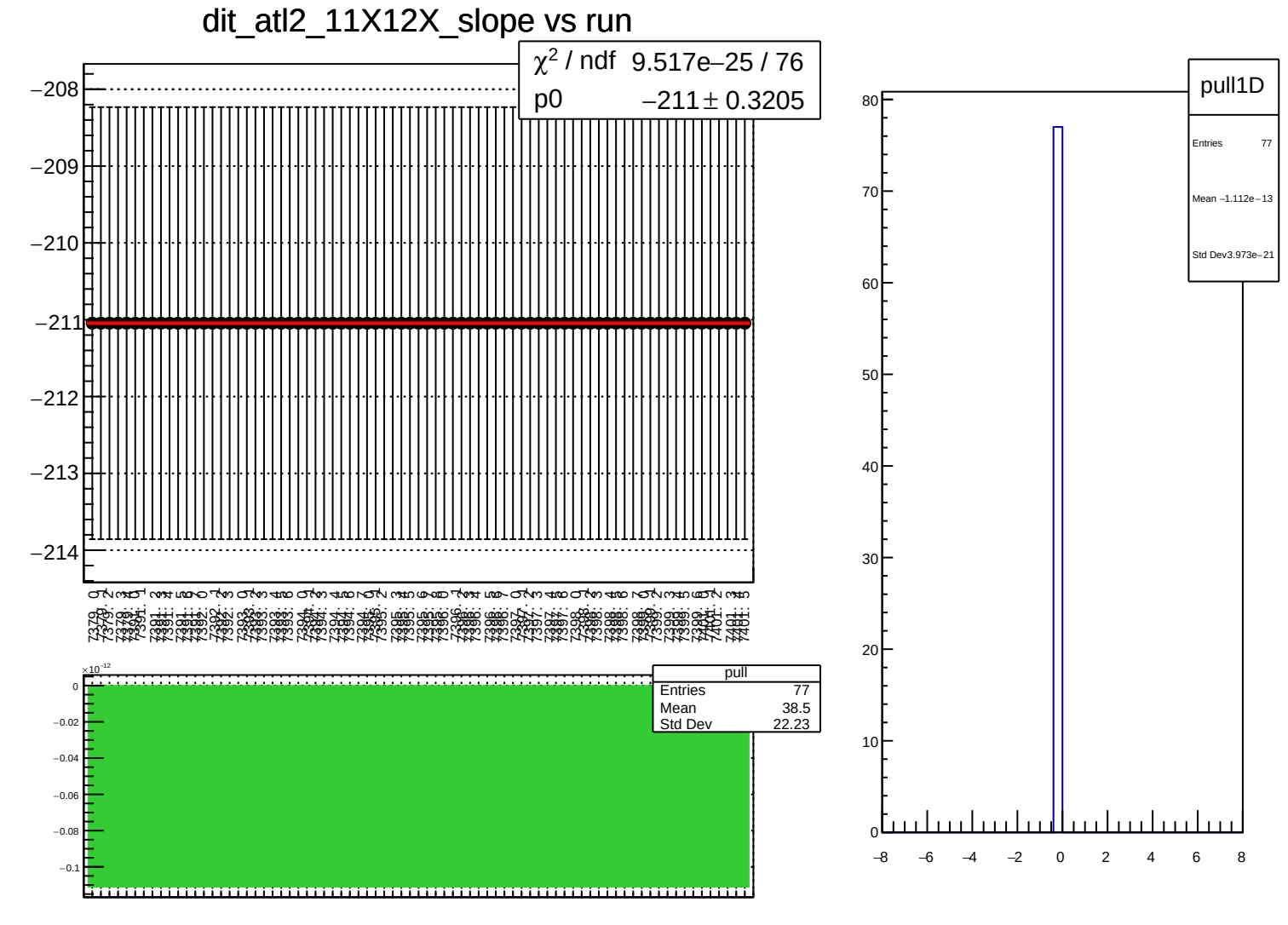

pull1D
Entries 77
Mean −1.74e−14
Std Dev 9.932e−22

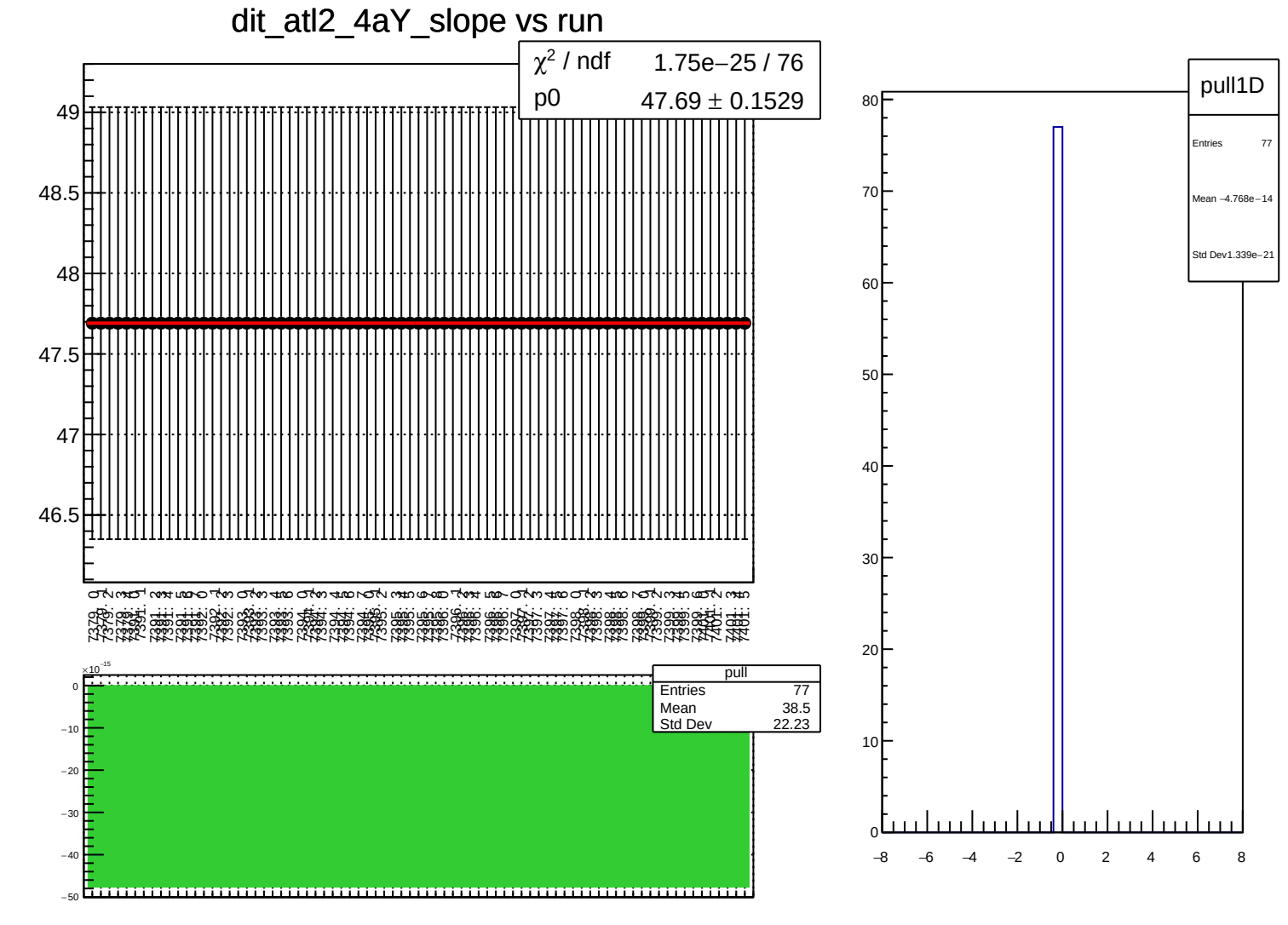

dit_atl1_4eY_slope vs run
χ² / ndf 2.299e−26 / 76
p0 −24.37 ± 0.09373
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −1.728e−14
Std Dev4.235e−22

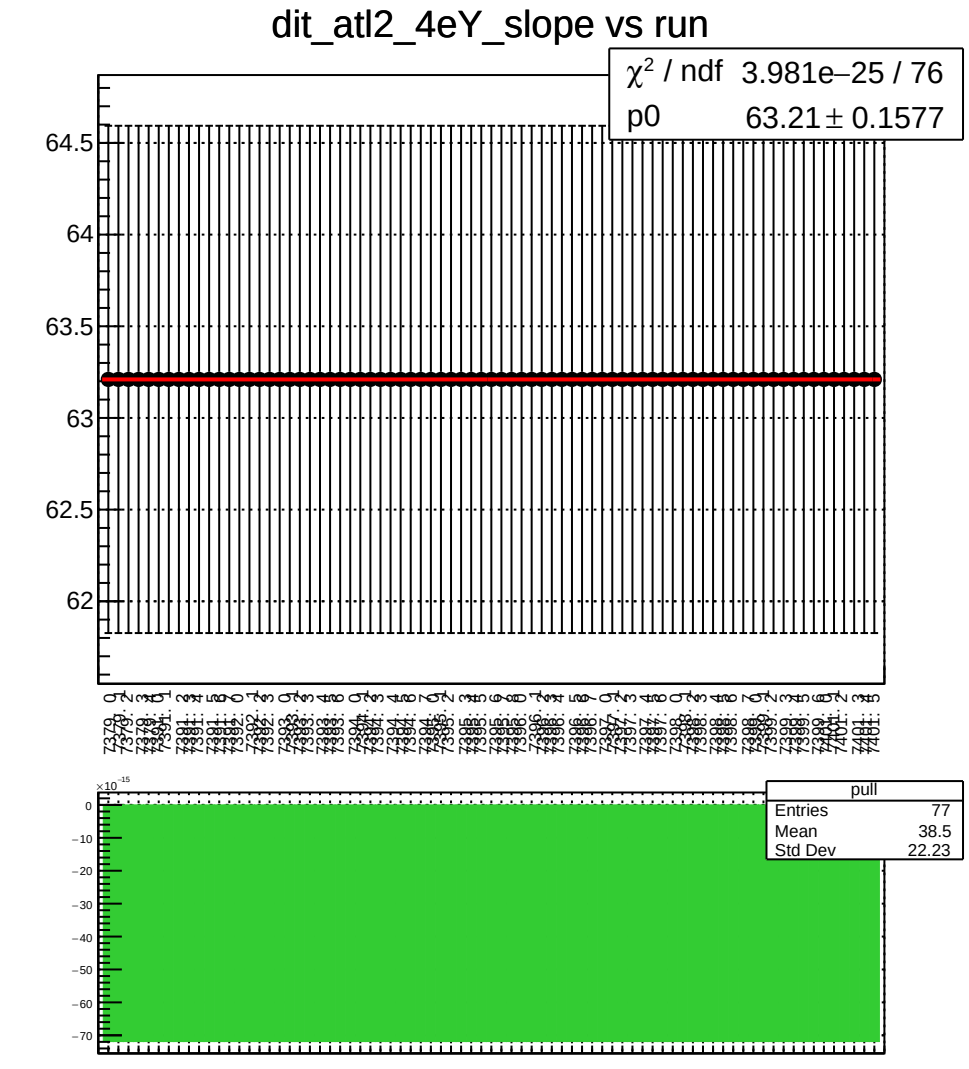

dit_atl2_4aX_slope vs run
χ^2 / ndf 7.966e−26 / 76
p0 −650 ± 1.208
−640
−645
−650
−655
−660
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10^-15
30
25
20
15
10
5
0
pull1D
Entries 77
Mean 3.216e−14
Std Dev1.037e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

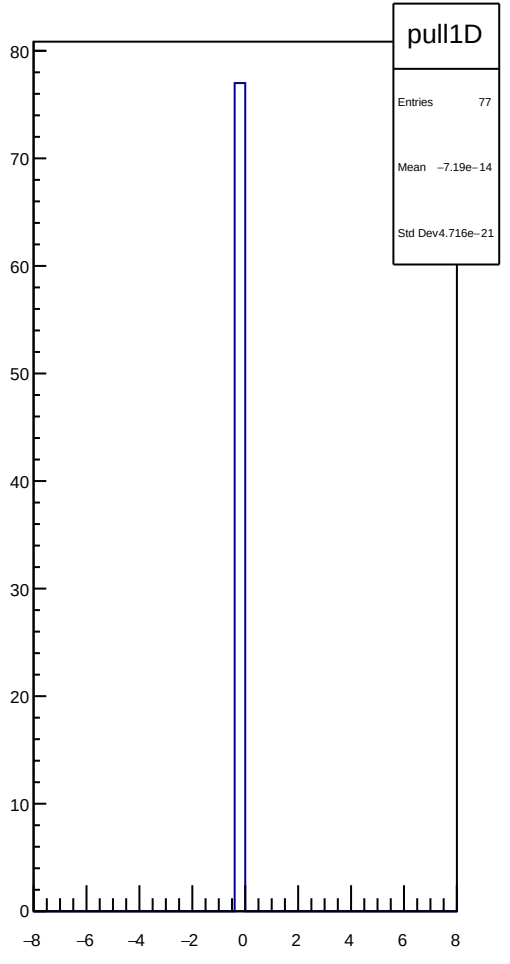

dit_atl2_4eX_slope vs run
χ² / ndf 7.934e−26 / 76
p0 622.6 ± 1.211
635
630
625
620
615
610
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30

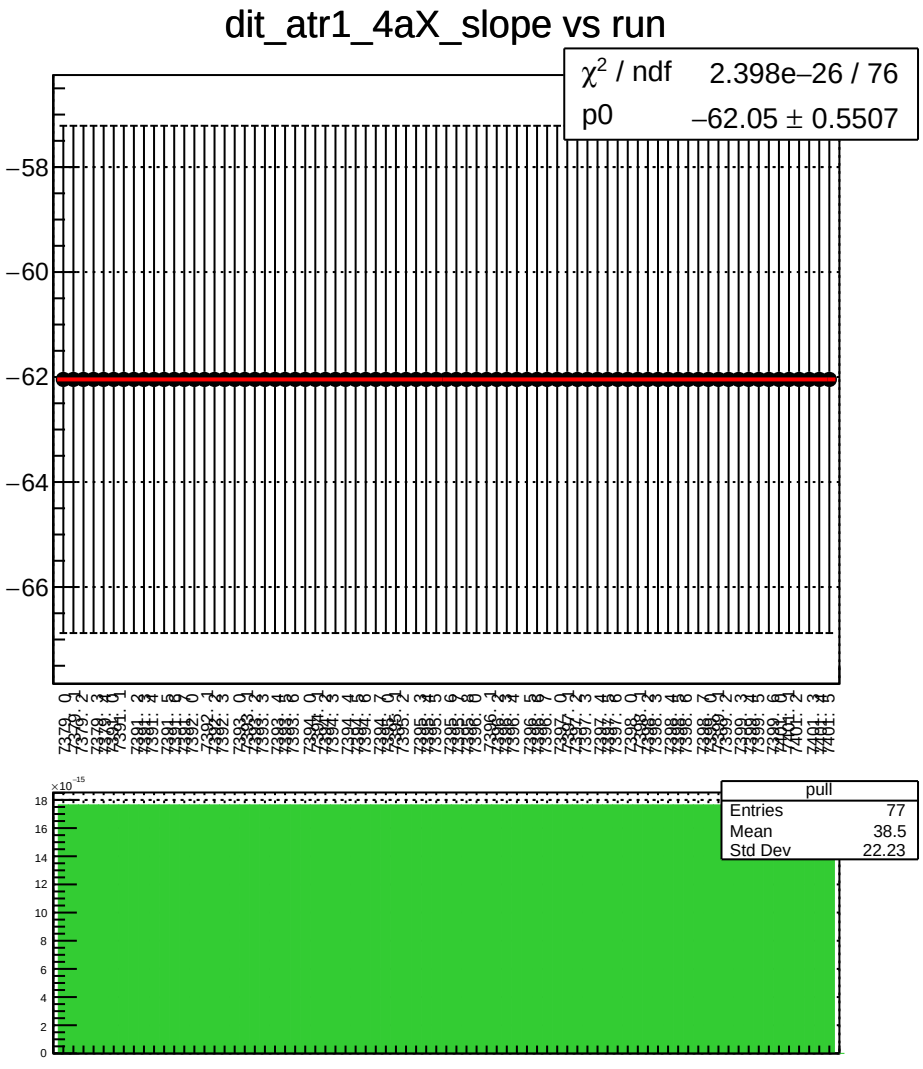

pull1D
Entries 77
Mean −3.21e−14
Std Dev1.405e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

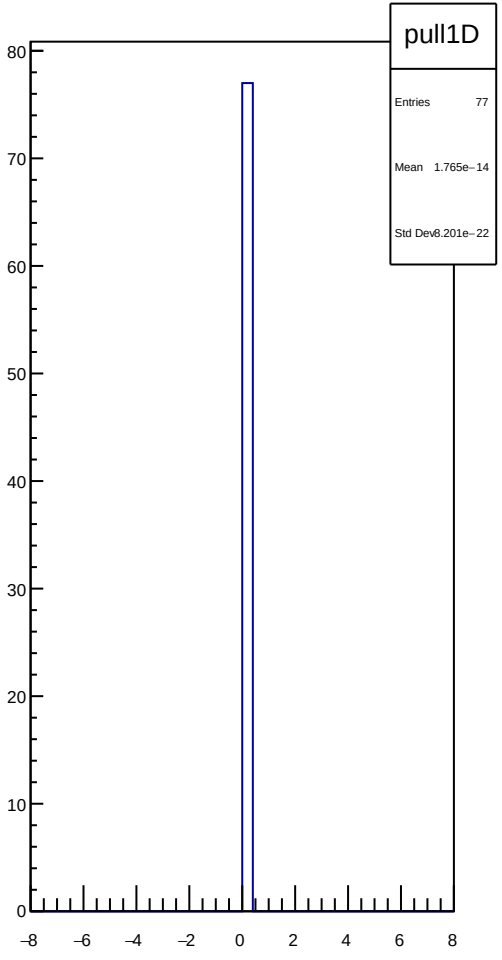

dit_atl2_11X12X_slope vs run
χ² / ndf 9.517e−25 / 76
p0 −211 ± 0.3205
−208
−209
−210
−211
−212
−213
−214
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 77
Mean −1.112e−13
Std Dev3.973e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

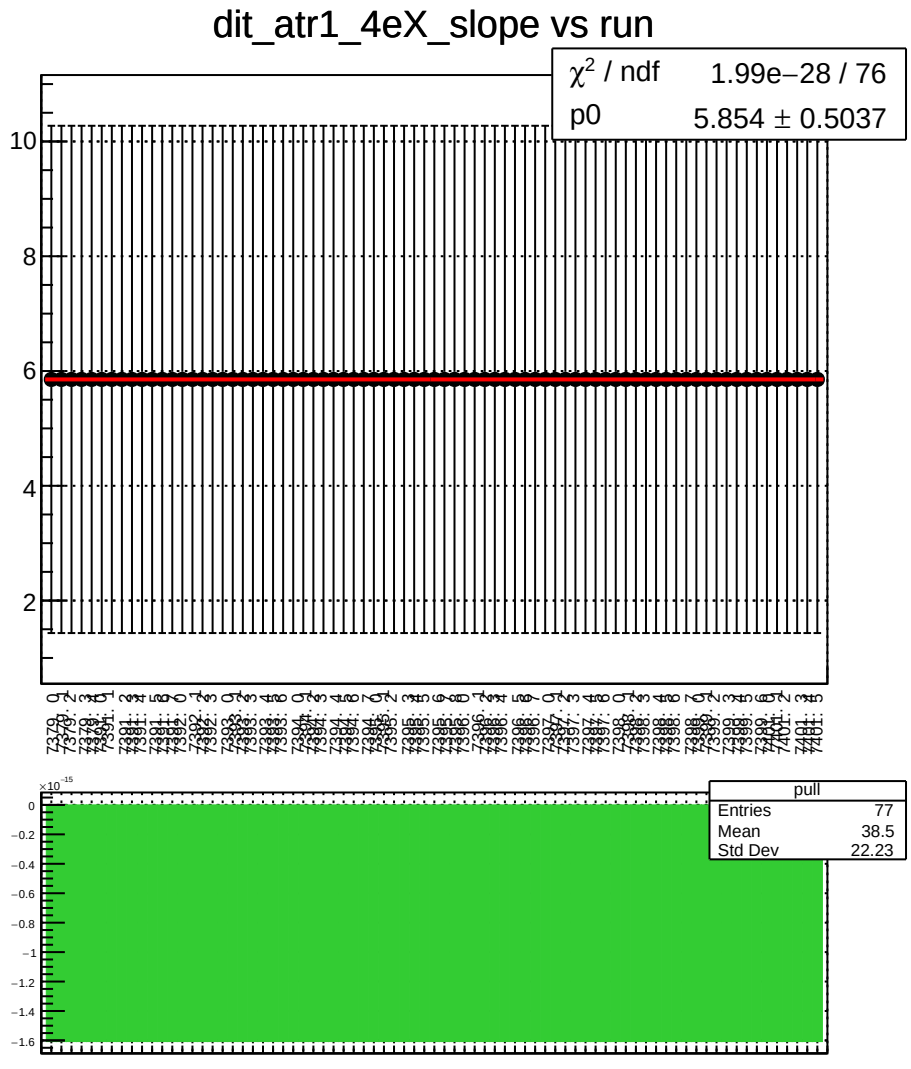

dit_atl2_4aY_slope vs run
χ² / ndf 1.75e−25 / 76
p0 47.69 ± 0.1529
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −4.768e−14
Std Dev1.339e−21

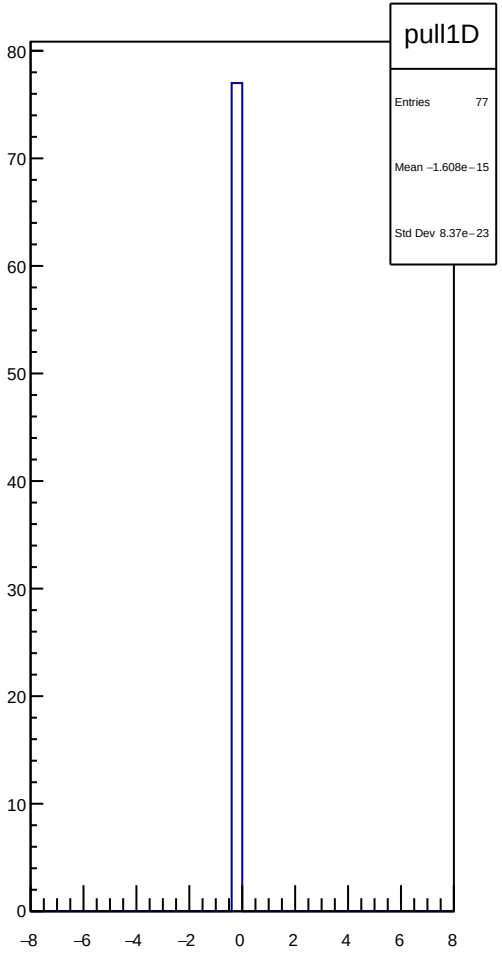

dit_atl2_4eY_slope vs run
χ² / ndf 3.981e−25 / 76
p0 63.21 ± 0.1577
64.5
64
63.5
63
62.5
62
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70

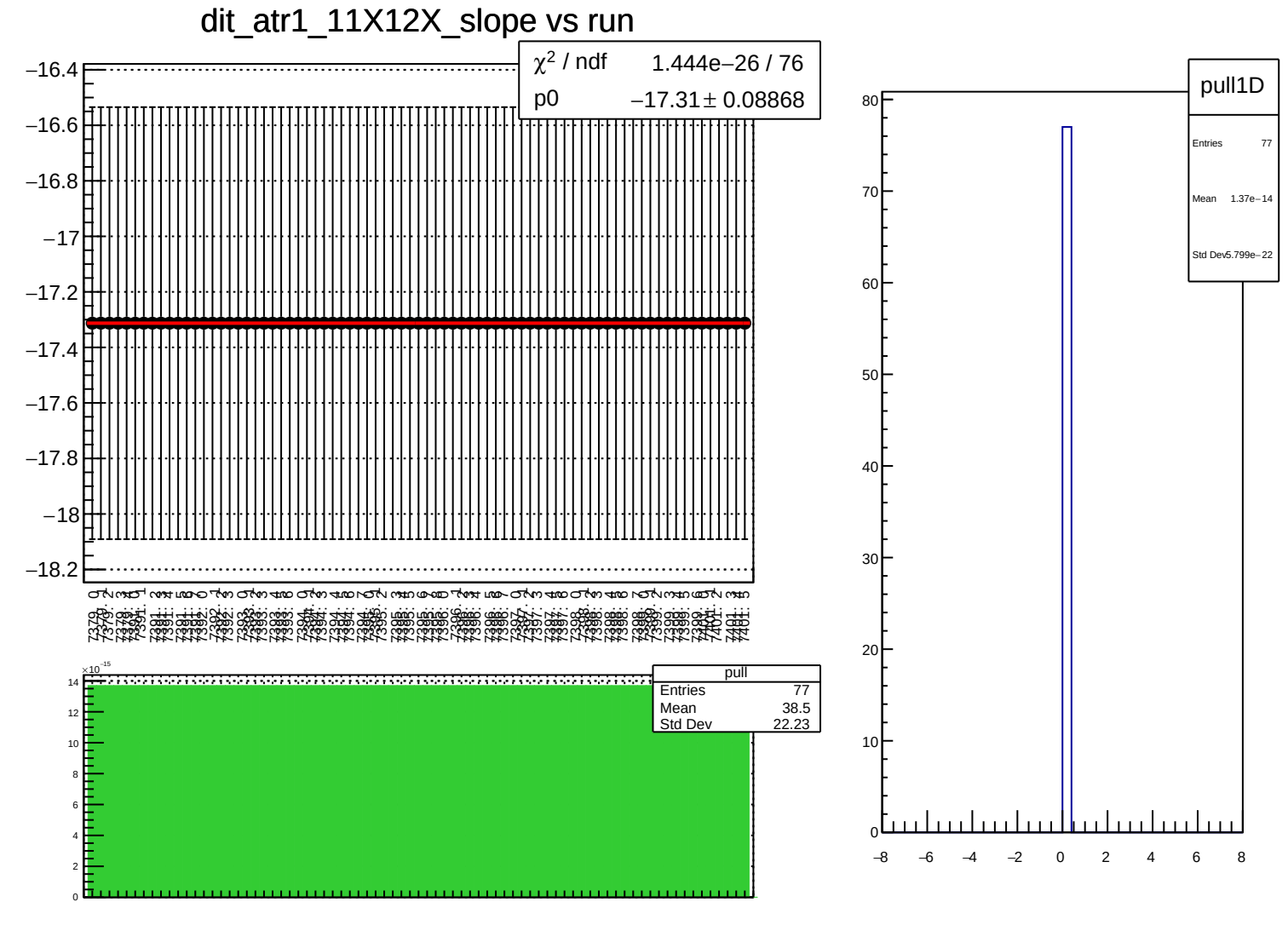

pull1D
Entries 77
Mean −7.19e−14
Std Dev4.716e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

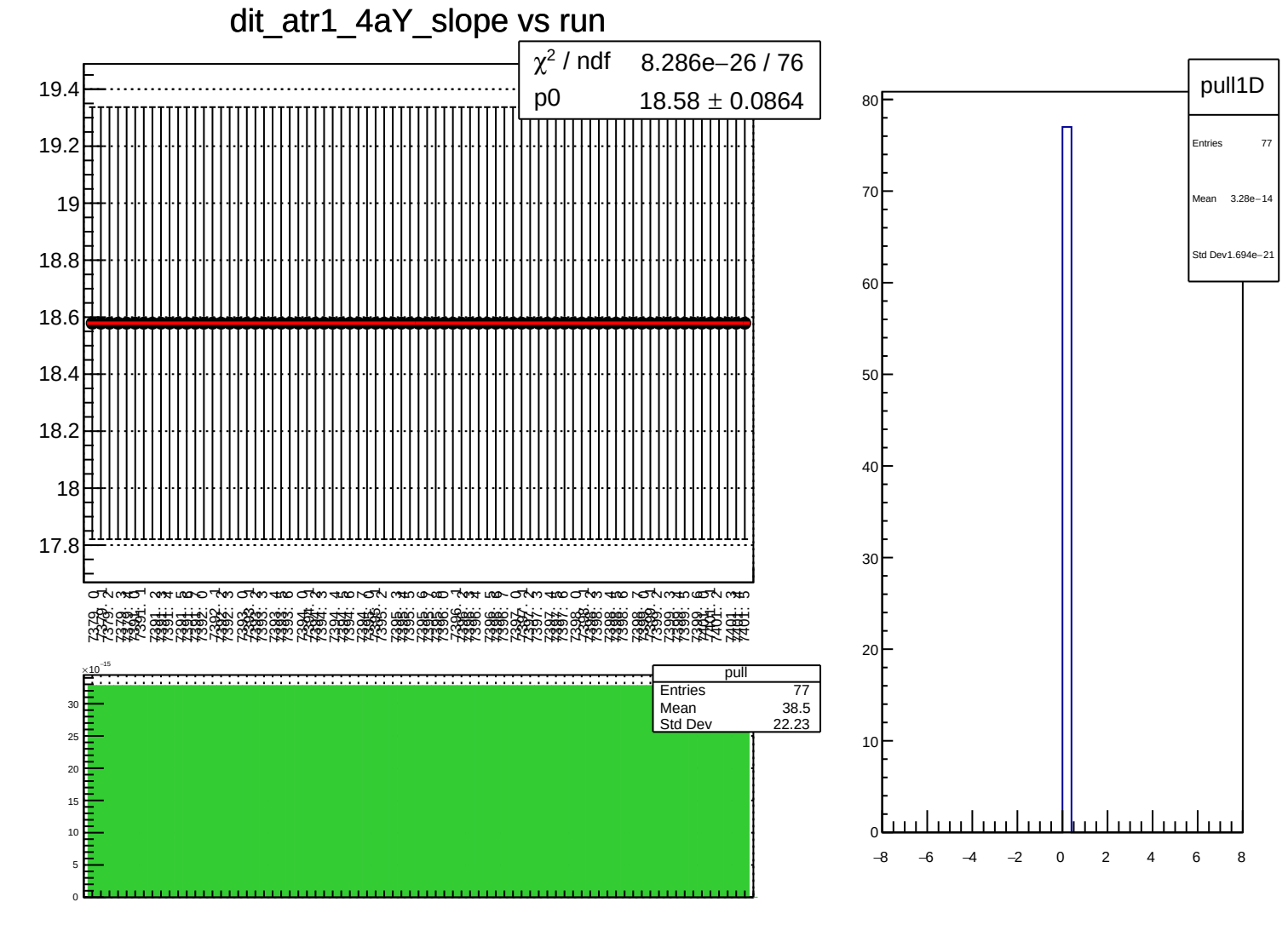

dit_atr1_4aX_slope vs run
χ² / ndf 2.398e−26 / 76
p0 −62.05 ± 0.5507
−58
−60
−62
−64
−66
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵

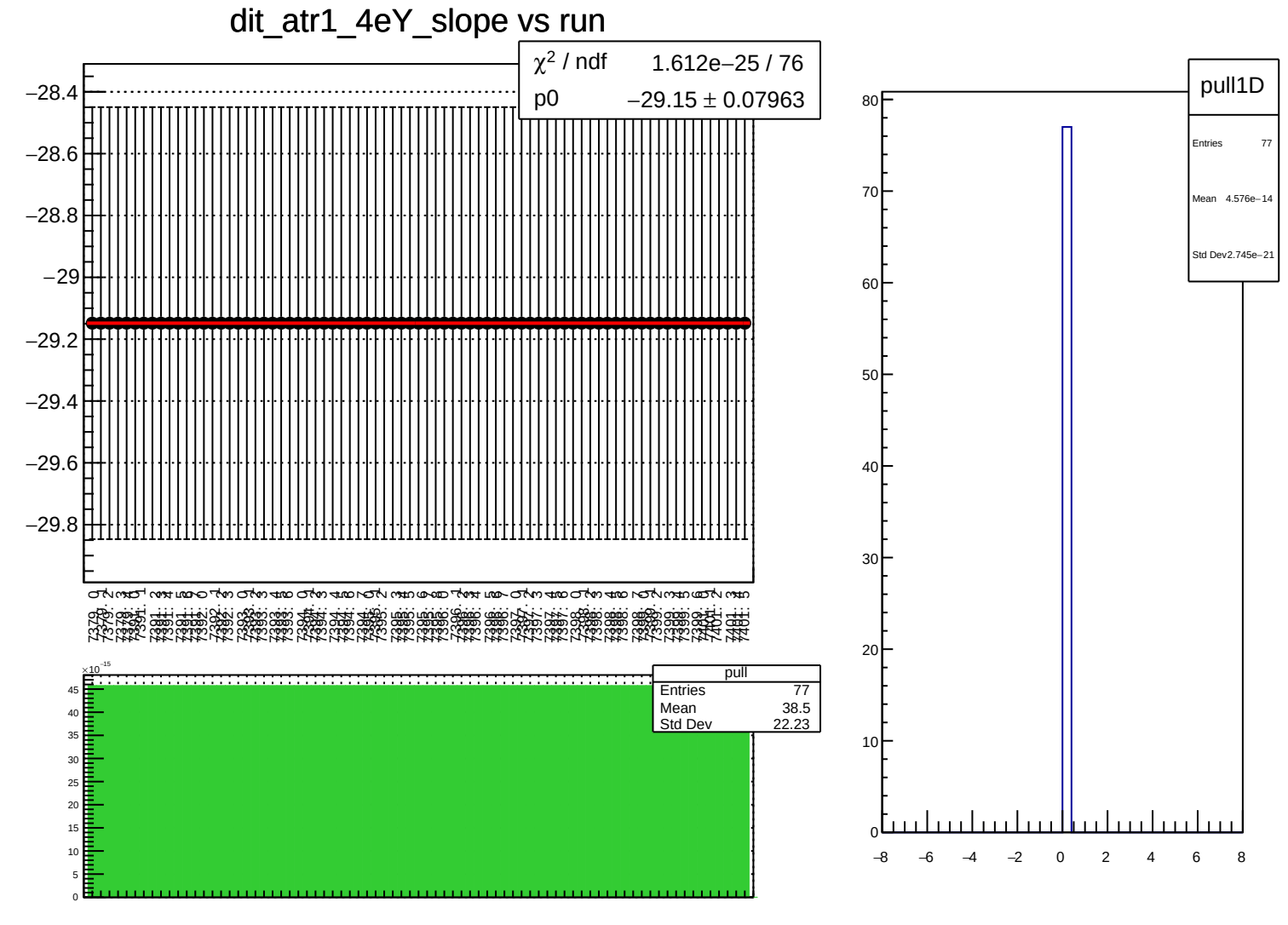

pull1D
Entries 77
Mean 1.765e−14
Std Dev 8.201e−22

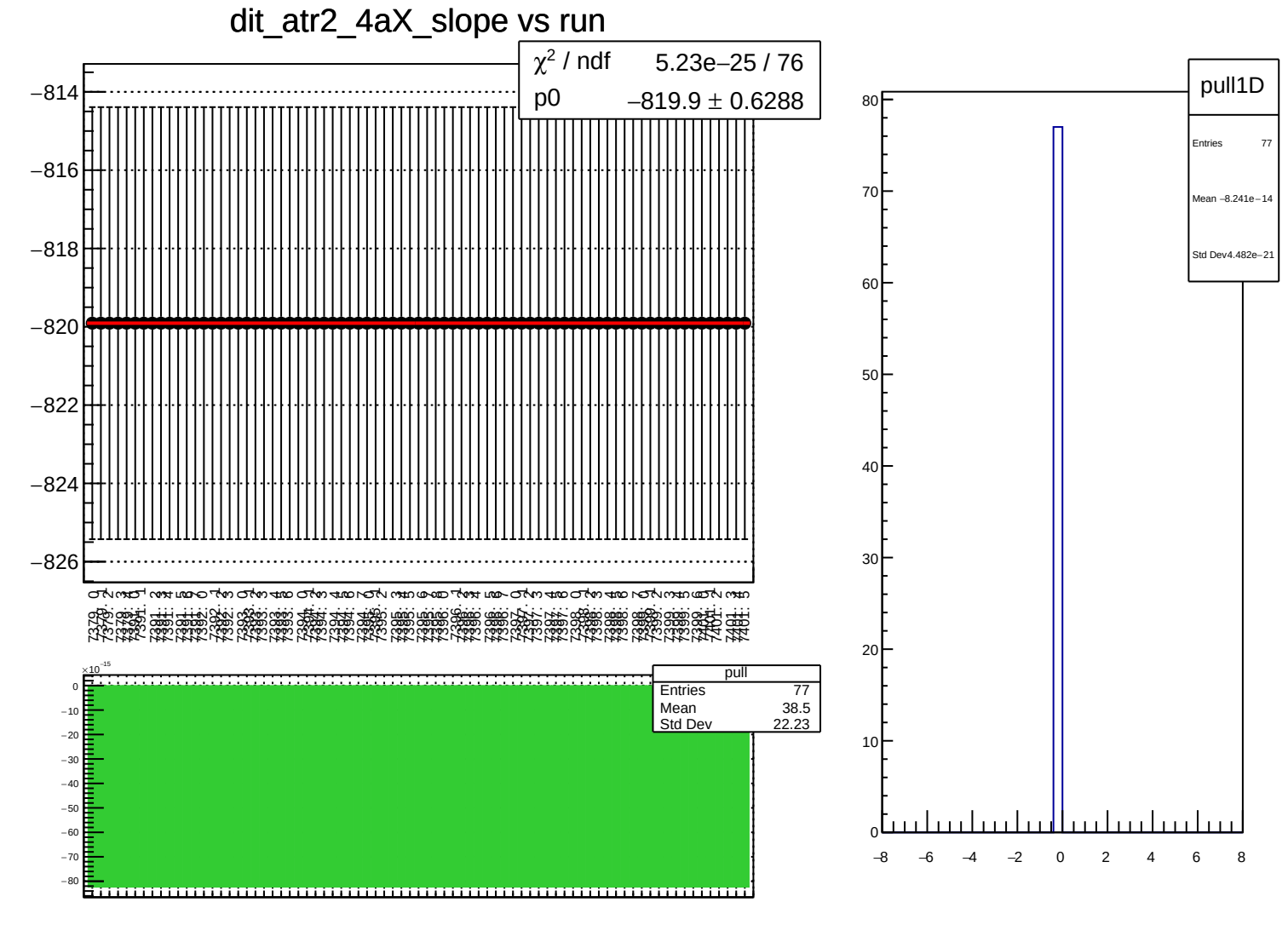

dit_atr1_4eX_slope vs run
χ² / ndf 1.99e−28 / 76
p0 5.854 ± 0.5037
pull
Entries 77
Mean 38.5
Std Dev 22.23

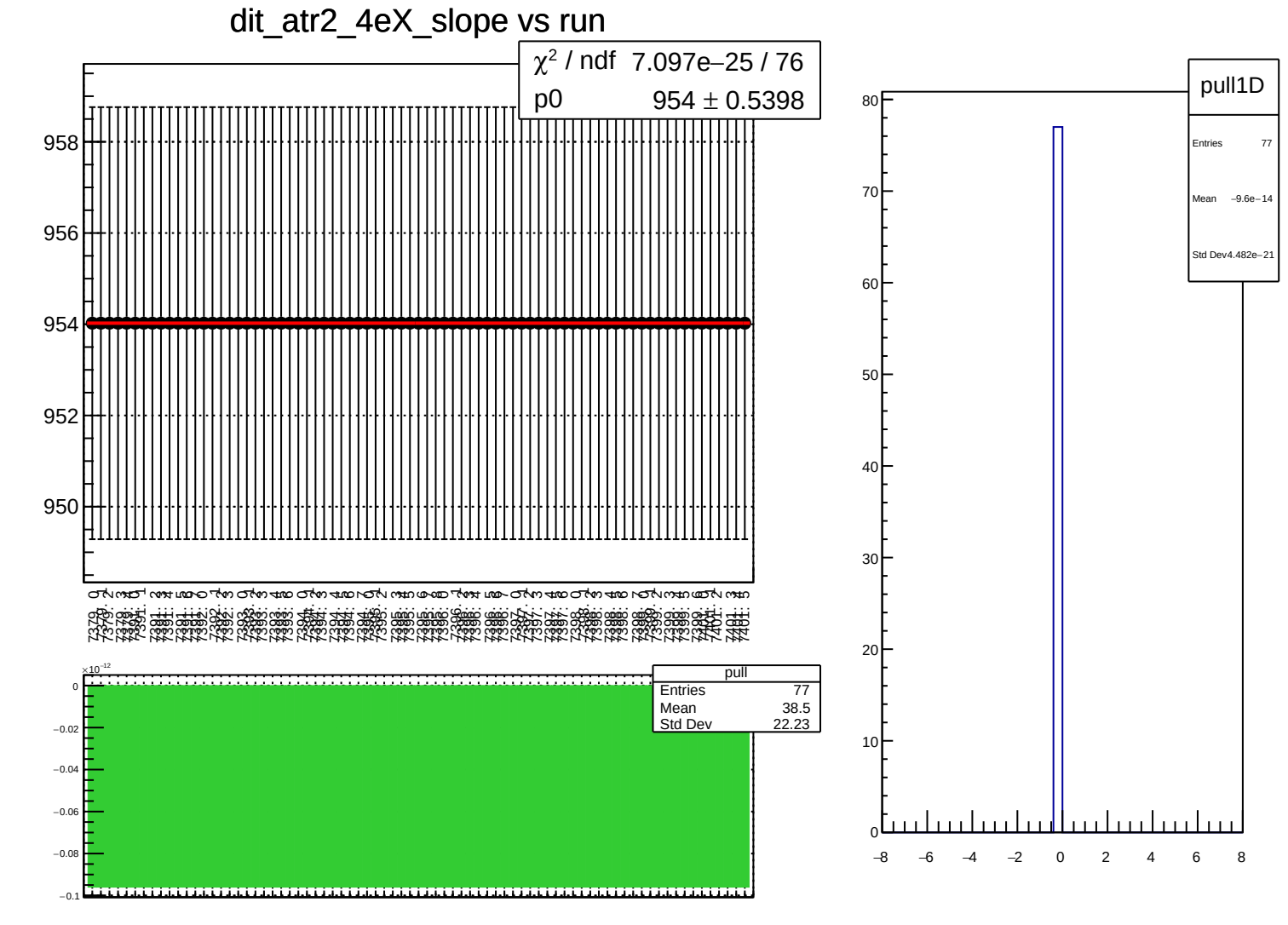

pull1D
Entries 77
Mean −1.608e−15
Std Dev 8.37e−23

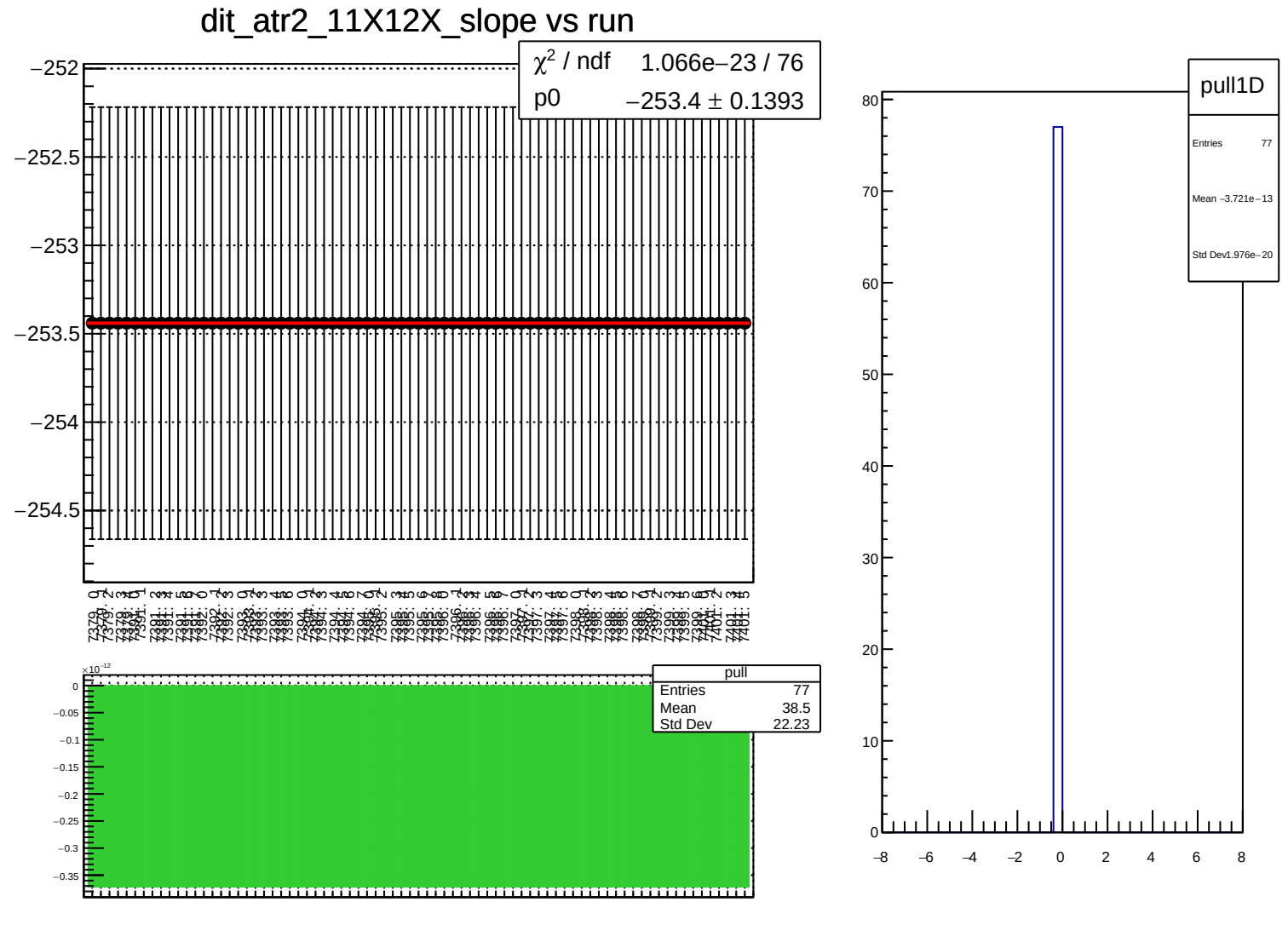

dit_atr1_11X12X_slope vs run
χ² / ndf 1.444e−26 / 76
p0 −17.31 ± 0.08868
−16.4
−16.6
−16.8
−17
−17.2
−17.4
−17.6
−17.8
−18
−18.2
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
pull1D
Entries 77
Mean 1.37e−14
Std Dev 5.799e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

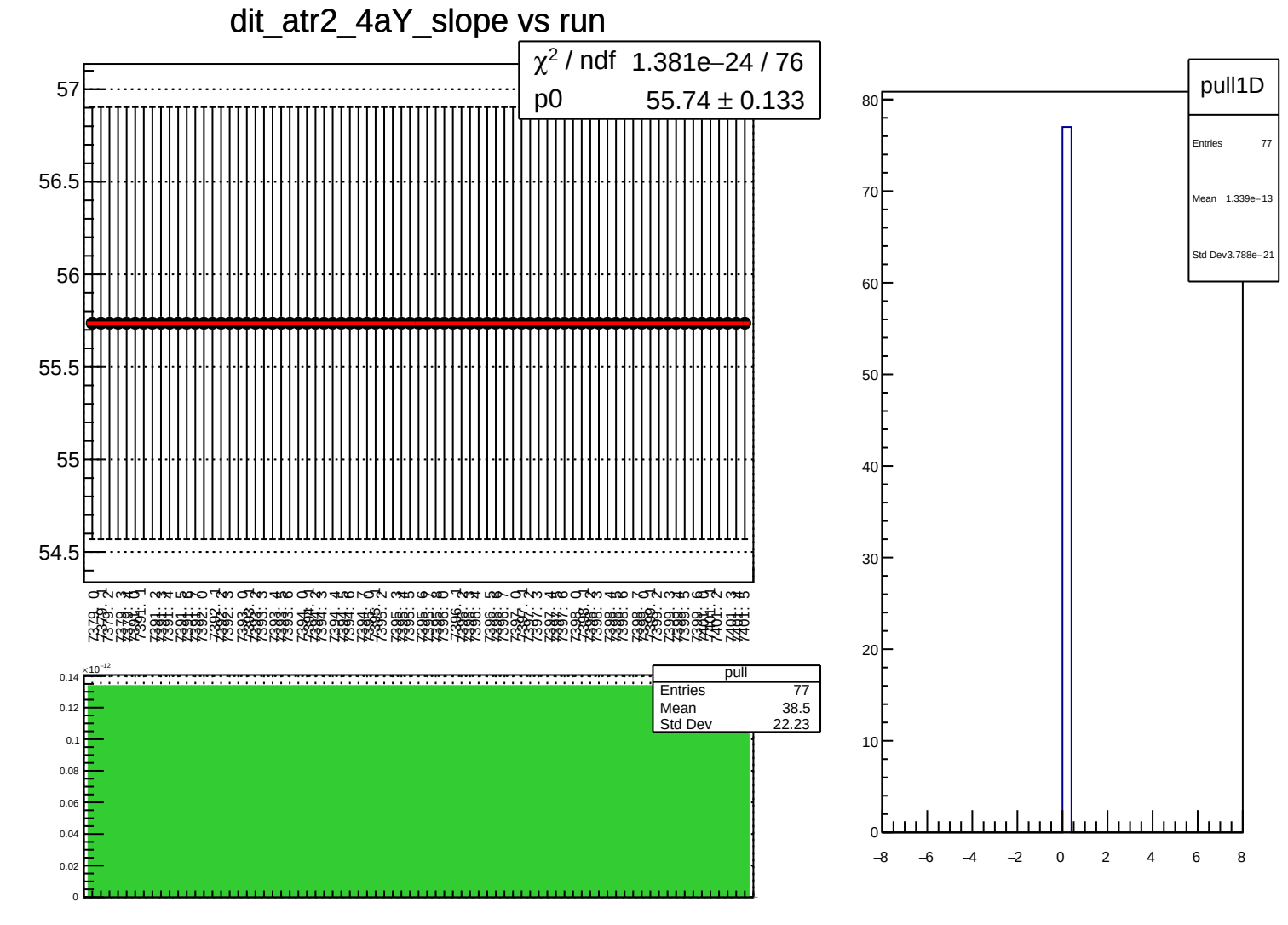

dit_atr1_4aY_slope vs run
χ² / ndf 8.286e−26 / 76
p0 18.58 ± 0.0864
19.4
19.2
19
18.8
18.6
18.4
18.2
18
17.8
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
30
25
20
15
10
5
0
pull1D
Entries 77
Mean 3.28e−14
Std Dev1.694e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

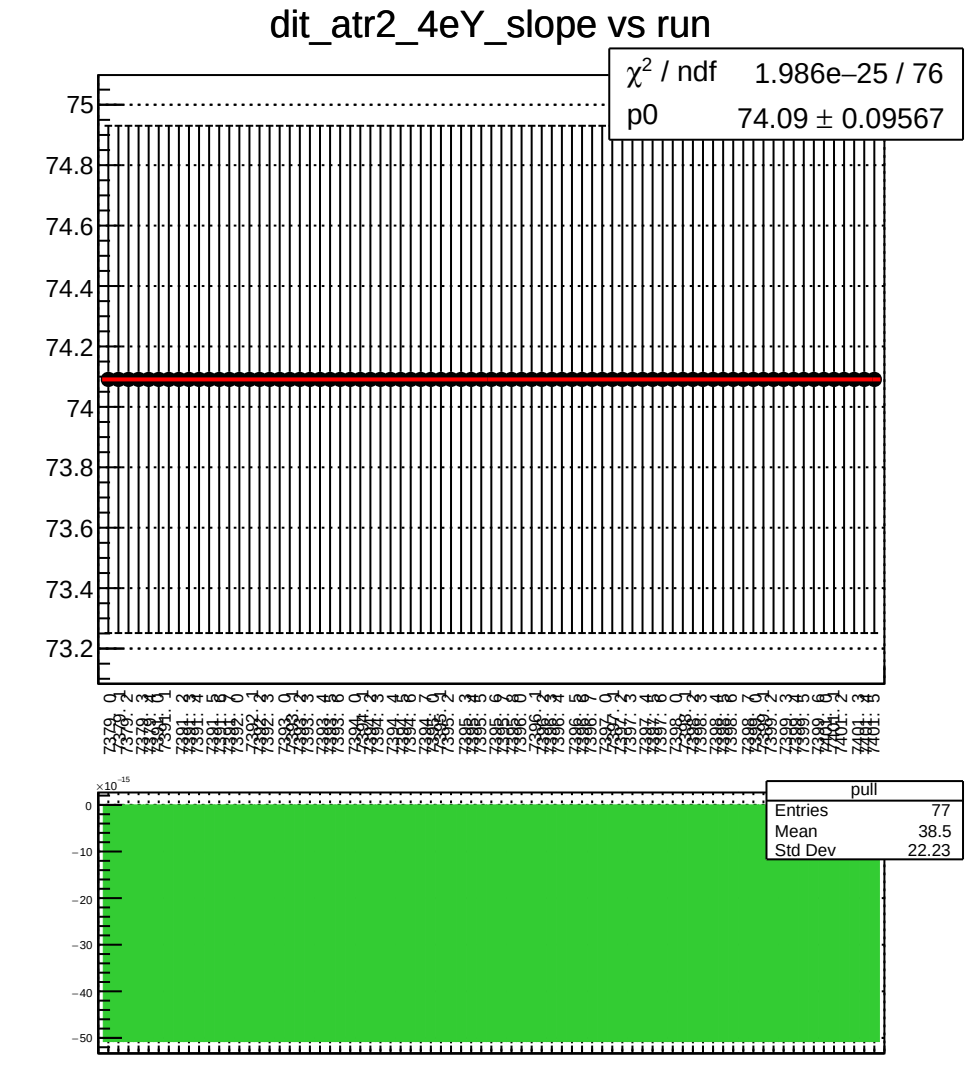

dit_atr1_4eY_slope vs run
χ² / ndf 1.612e−25 / 76
p0 −29.15 ± 0.07963
−28.4
−28.6
−28.8
−29
−29.2
−29.4
−29.6
−29.8
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
pull1D
Entries 77
Mean 4.576e−14
Std Dev2.745e−21

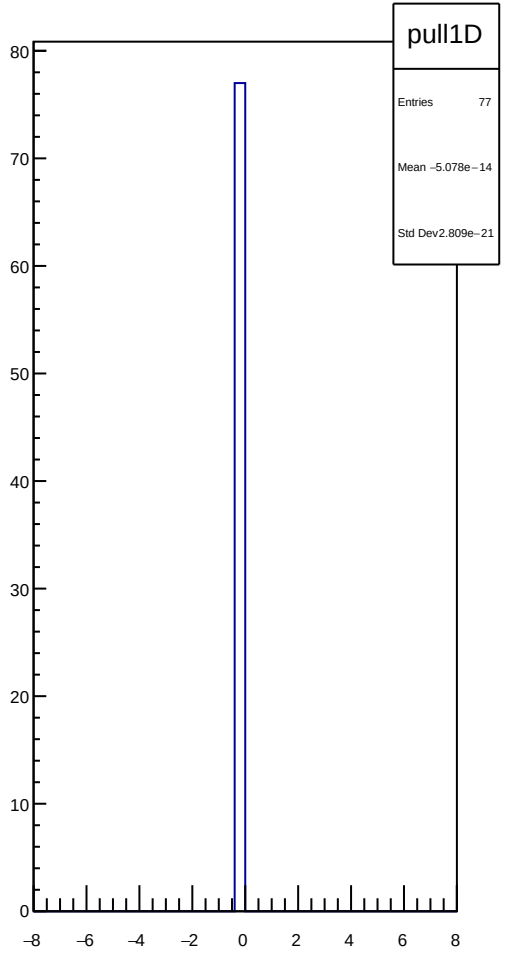

dit_atr2_4aX_slope vs run
χ² / ndf 5.23e−25 / 76
p0 −819.9 ± 0.6288
−814
−816
−818
−820
−822
−824
−826
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70
−80
pull1D
Entries 77
Mean −8.241e−14
Std Dev4.482e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

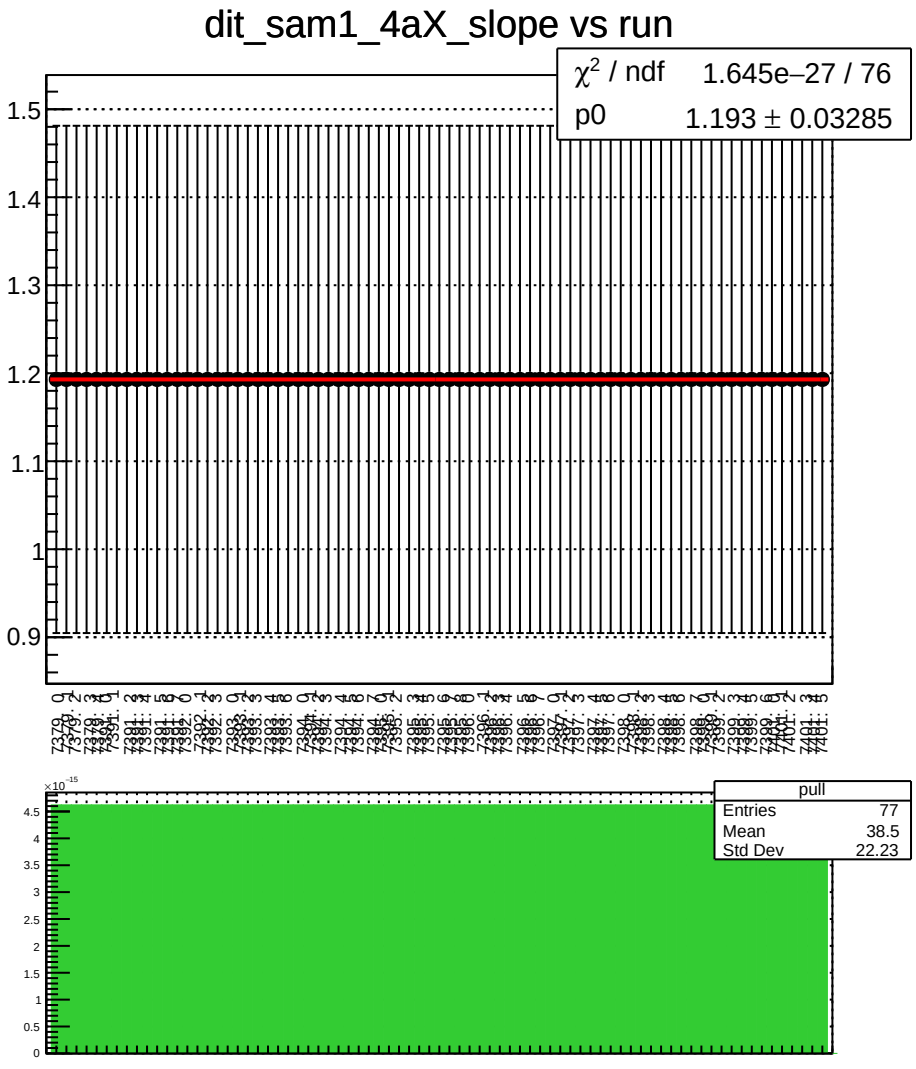

dit_atr2_4eX_slope vs run
χ² / ndf 7.097e−25 / 76
p0 954 ± 0.5398
958
956
954
952
950
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 77
Mean −9.6e−14
Std Dev4.482e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

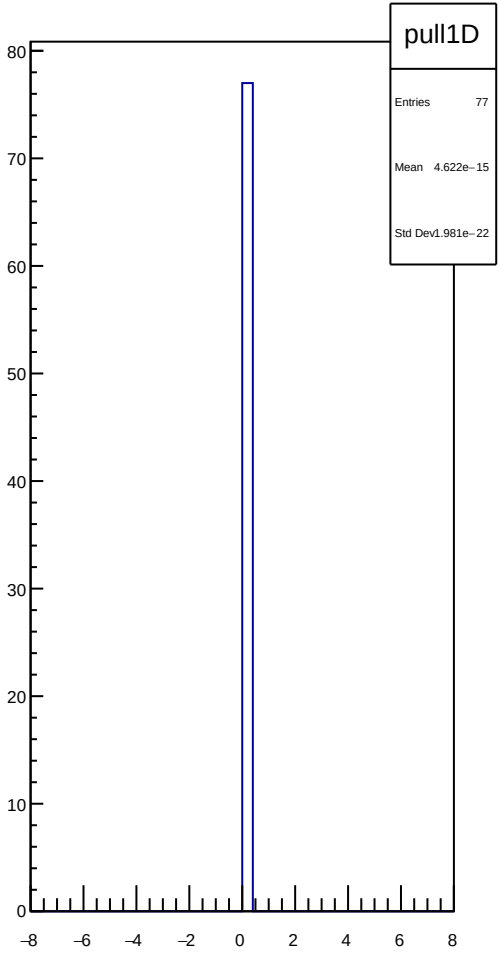

dit_atr2_11X12X_slope vs run
χ² / ndf 1.066e−23 / 76
p0 −253.4 ± 0.1393
−252
−252.5
−253
−253.5
−254
−254.5
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −3.721e−13
Std Dev1.976e−20

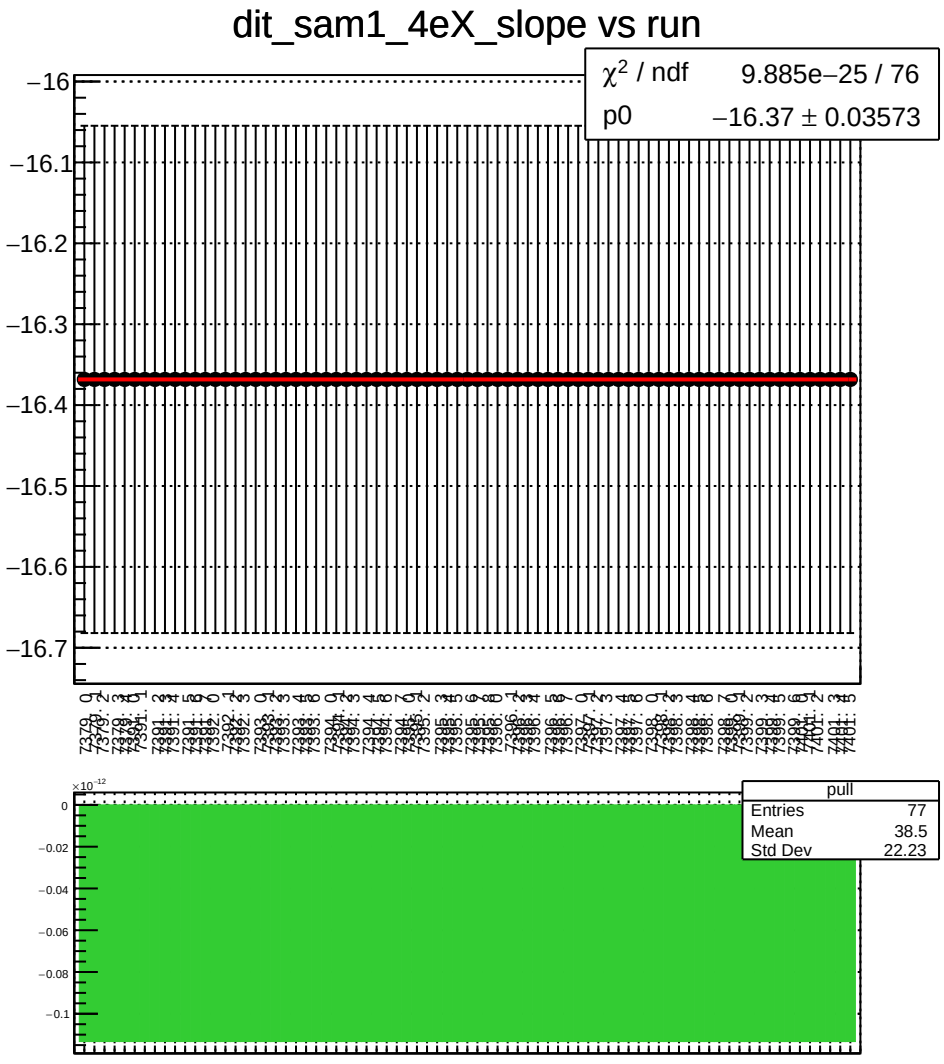

dit_atr2_4aY_slope vs run
χ² / ndf 1.381e−24 / 76
p0 55.74 ± 0.133
57
56.5
56
55.5
55
54.5
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹²
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
pull1D
Entries 77
Mean 1.339e−13
Std Dev3.788e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

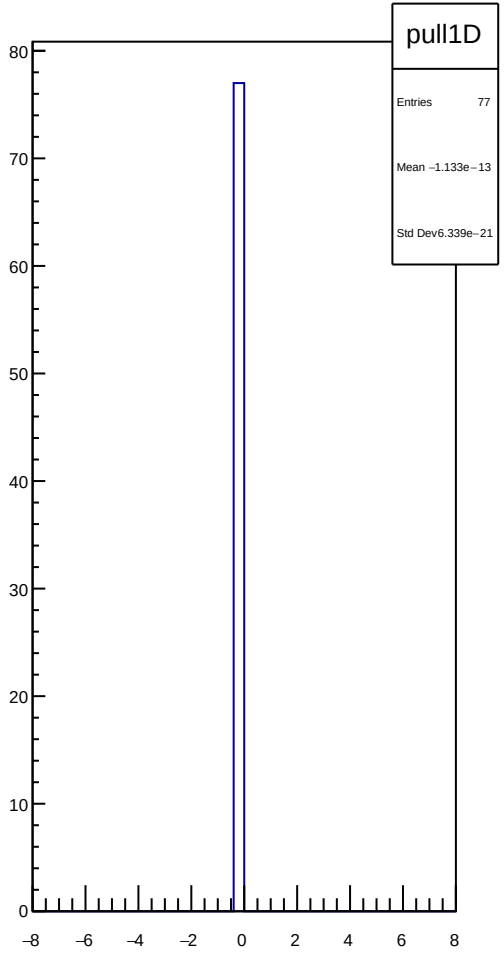

dit_atr2_4eY_slope vs run
χ² / ndf 1.986e−25 / 76
p0 74.09 ± 0.09567
75
74.8
74.6
74.4
74.2
74
73.8
73.6
73.4
73.2
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−10
−20
−30
−40
−50

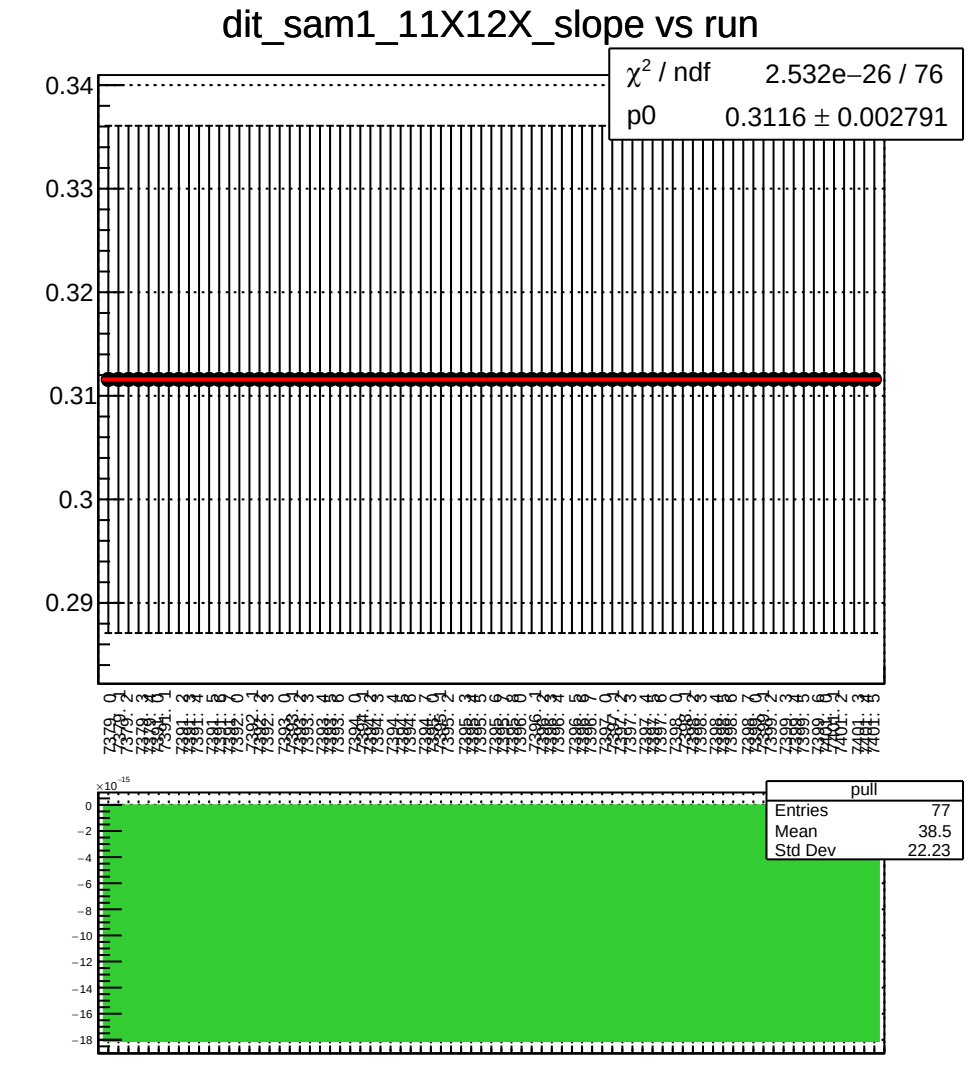

pull1D
Entries 77
Mean −5.078e−14
Std Dev2.809e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

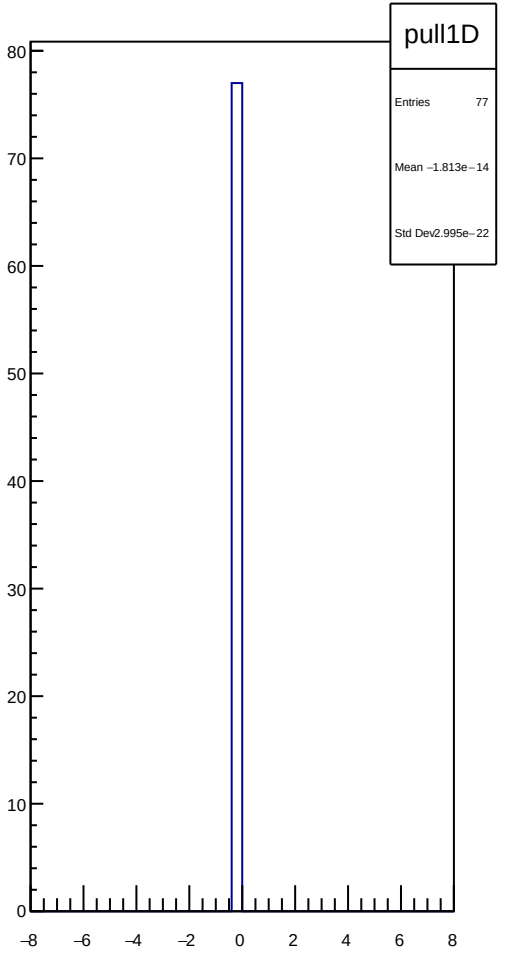

dit_sam1_4aX_slope vs run
χ^2 / ndf 1.645e−27 / 76
p0 1.193 ± 0.03285
pull
Entries 77
Mean 38.5
Std Dev 22.23

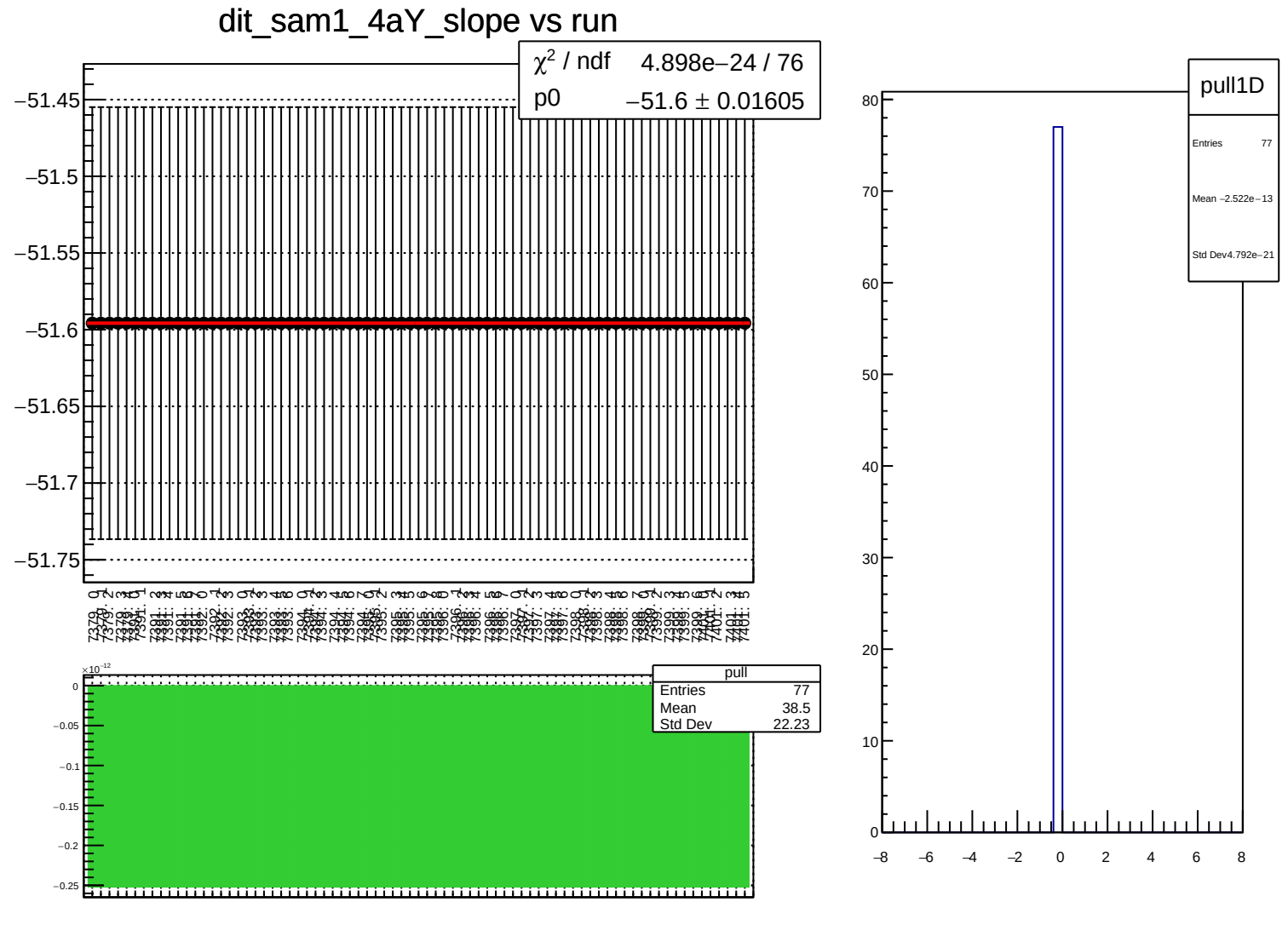

pull1D
Entries 77
Mean 4.622e−15
Std Dev1.981e−22

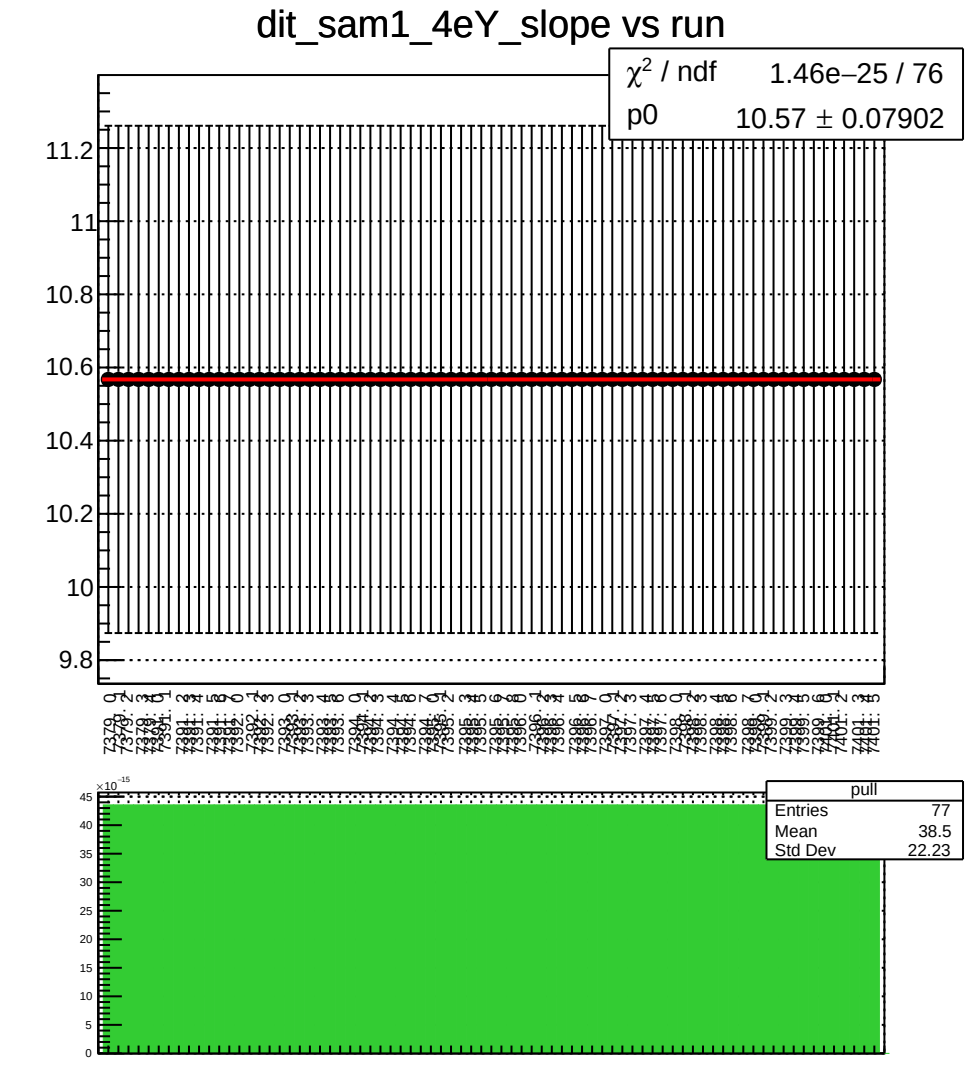

dit_sam1_4eX_slope vs run
χ² / ndf 9.885e−25 / 76
p0 −16.37 ± 0.03573
−16
−16.1
−16.2
−16.3
−16.4
−16.5
−16.6
−16.7
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1

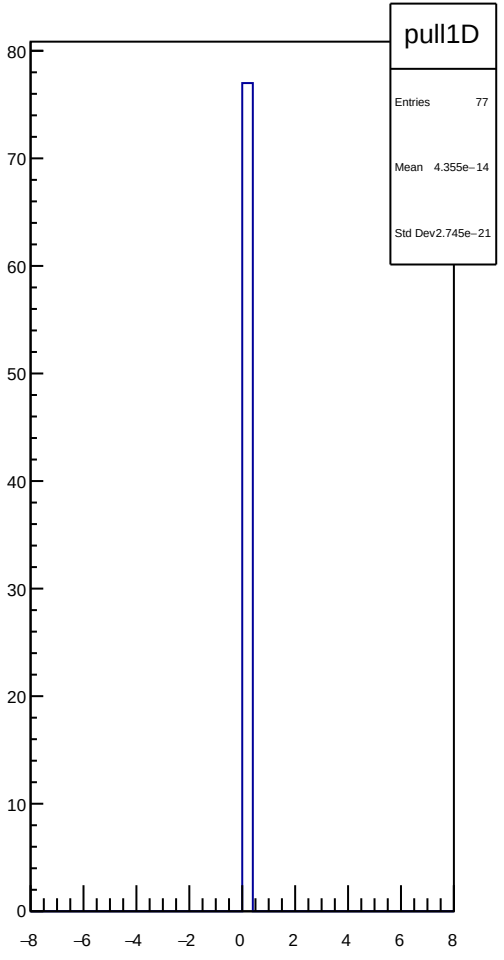

pull1D
Entries 77
Mean −1.133e−13
Std Dev6.339e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

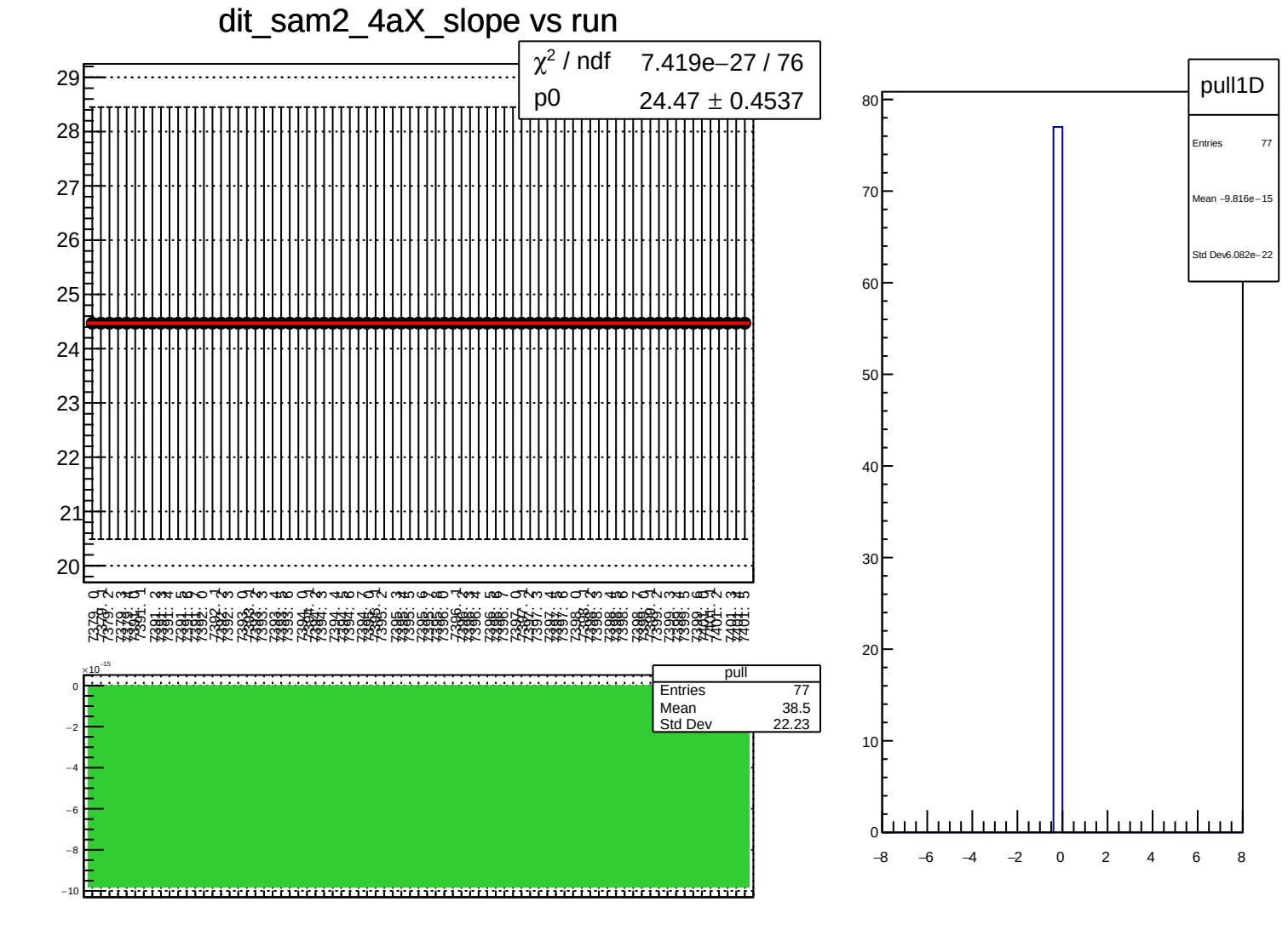

dit_sam1_11X12X_slope vs run
χ² / ndf 2.532e−26 / 76
p0 0.3116 ± 0.002791
0.34
0.33
0.32
0.31
0.3
0.29
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
−16
−18

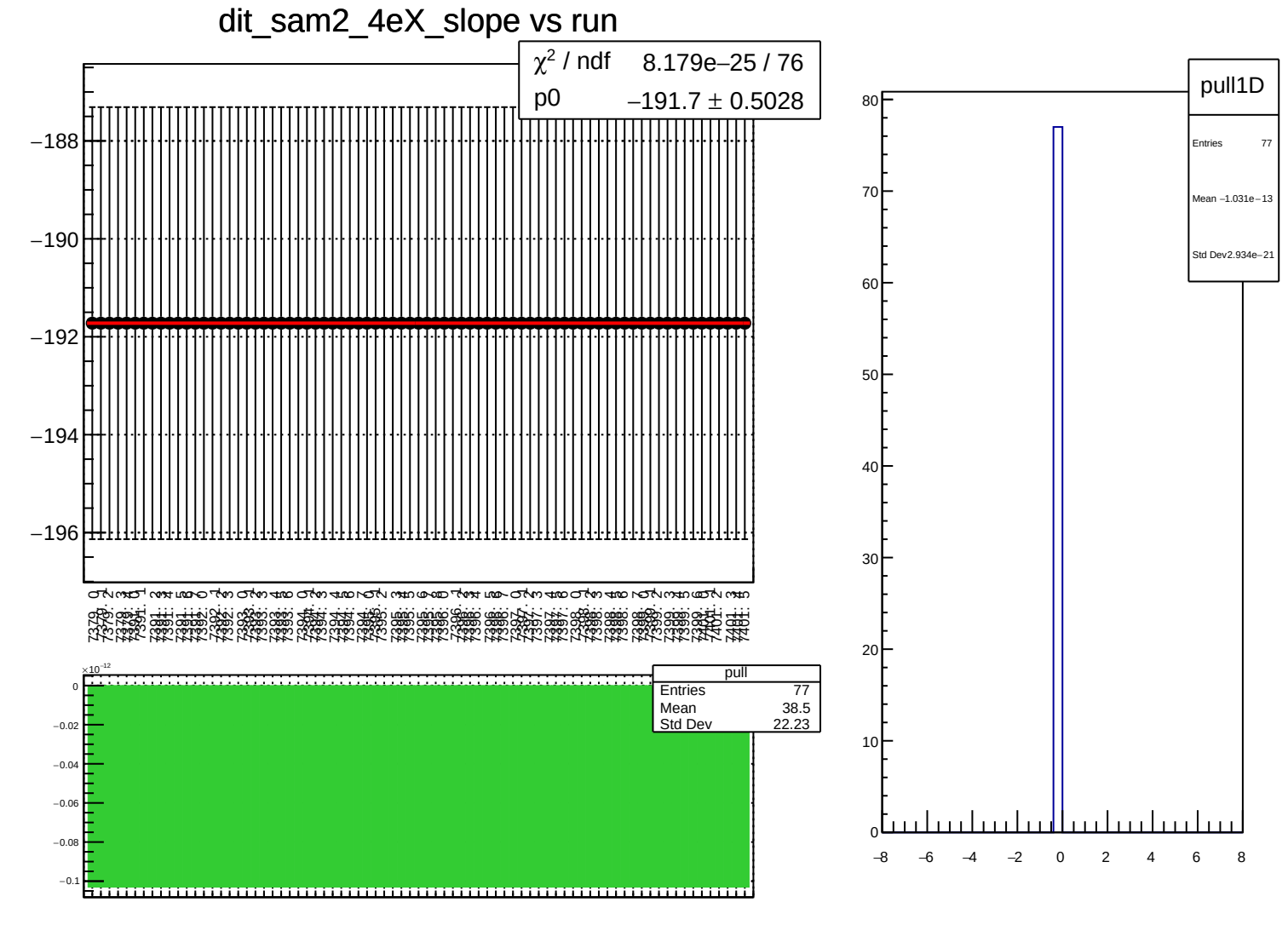

pull1D
Entries 77
Mean −1.813e−14
Std Dev 2.995e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

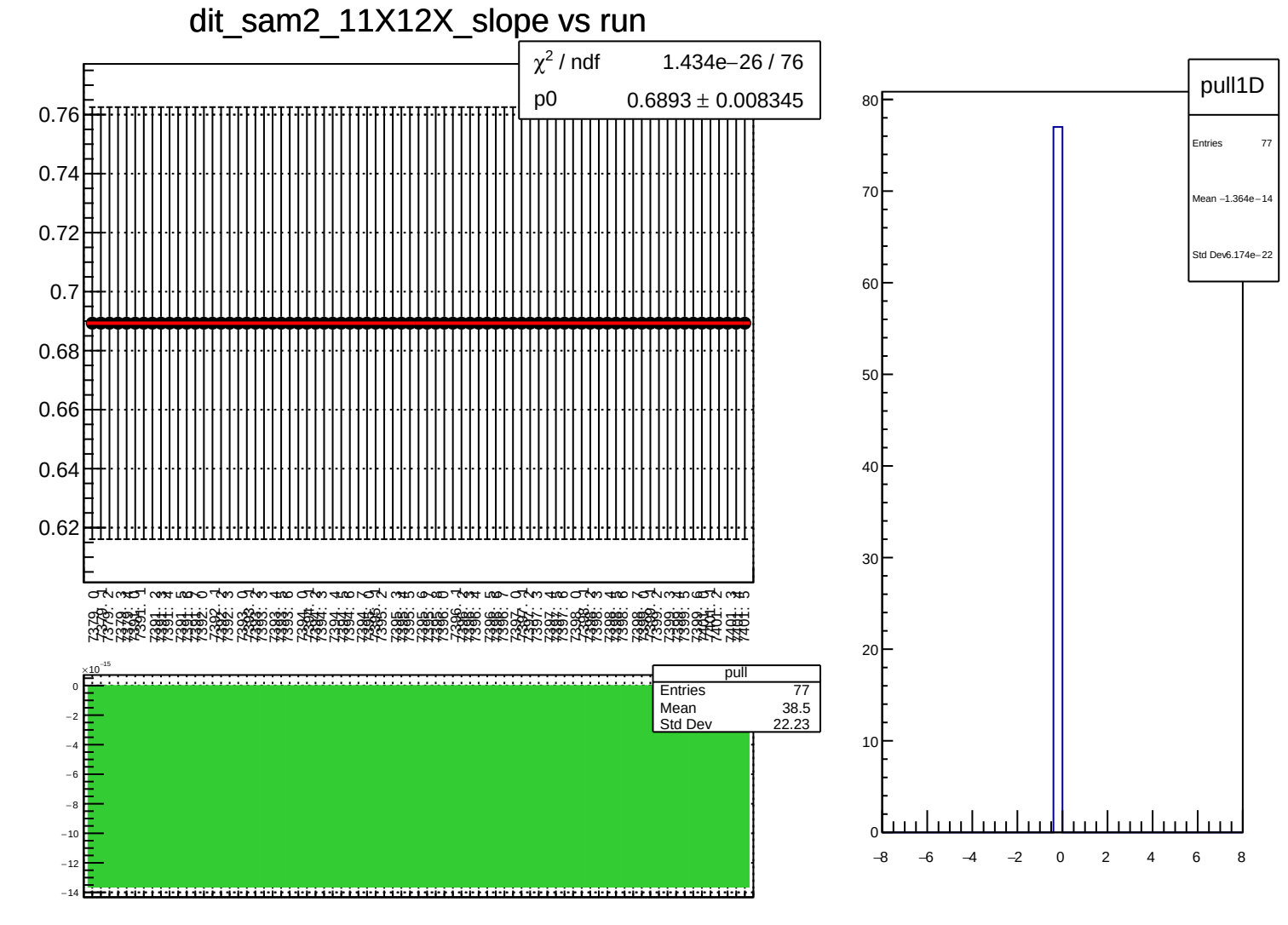

dit_sam1_4aY_slope vs run
χ² / ndf 4.898e−24 / 76
p0 −51.6 ± 0.01605
−51.45
−51.5
−51.55
−51.6
−51.65
−51.7
−51.75
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
pull1D
Entries 77
Mean −2.522e−13
Std Dev 4.792e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

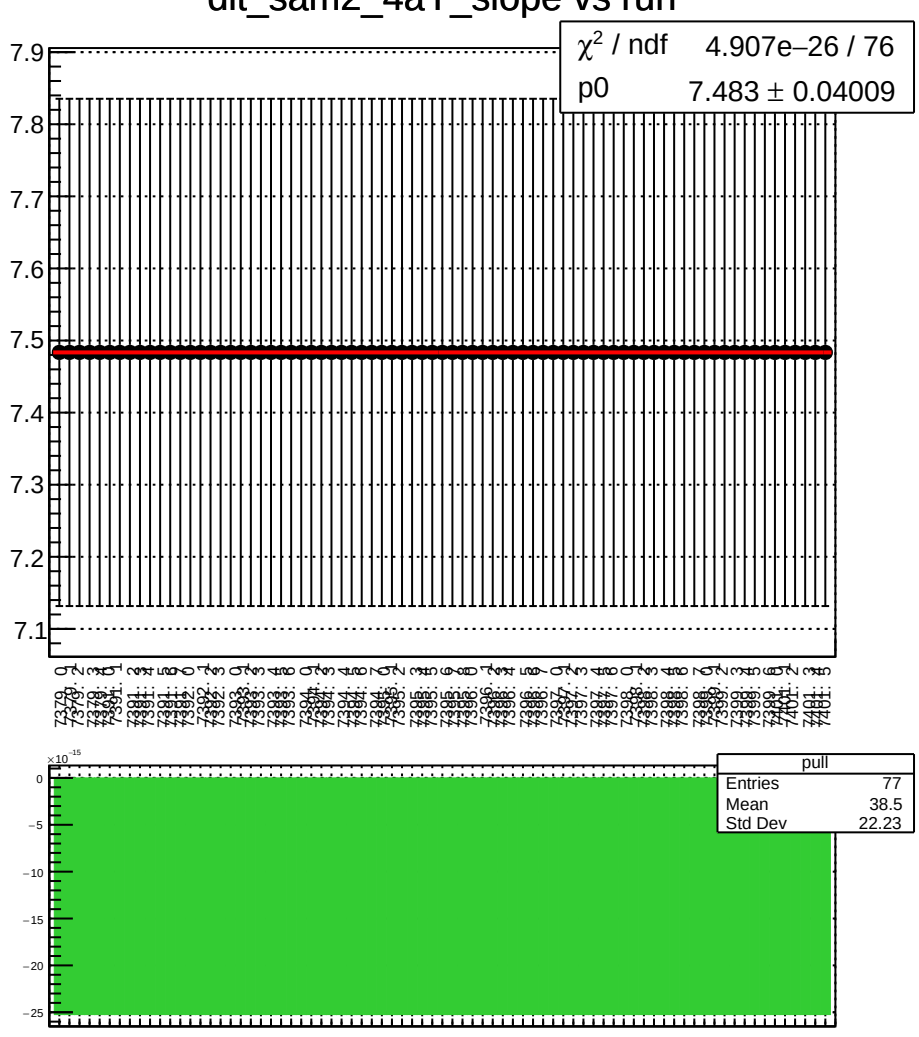

dit_sam1_4eY_slope vs run
χ² / ndf 1.46e−25 / 76
p0 10.57 ± 0.07902
pull
Entries 77
Mean 38.5
Std Dev 22.23

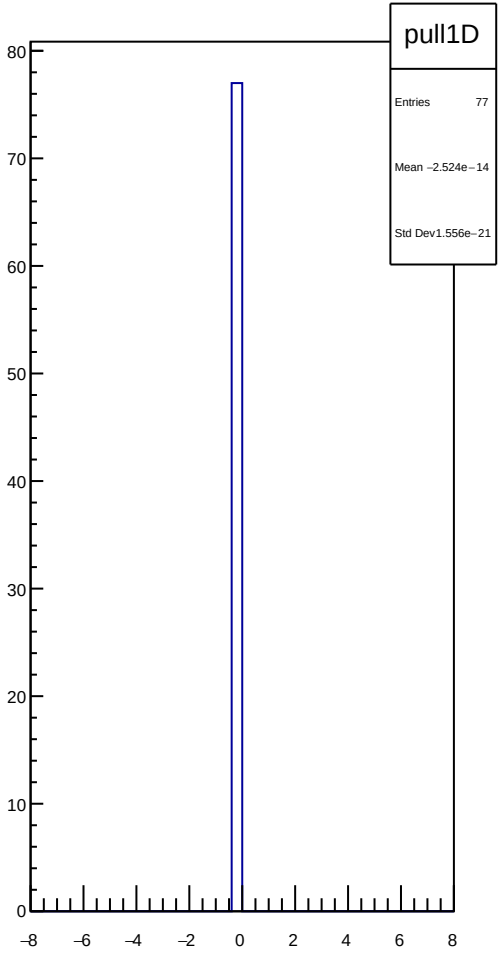

pull1D
Entries 77
Mean 4.355e−14
Std Dev2.745e−21

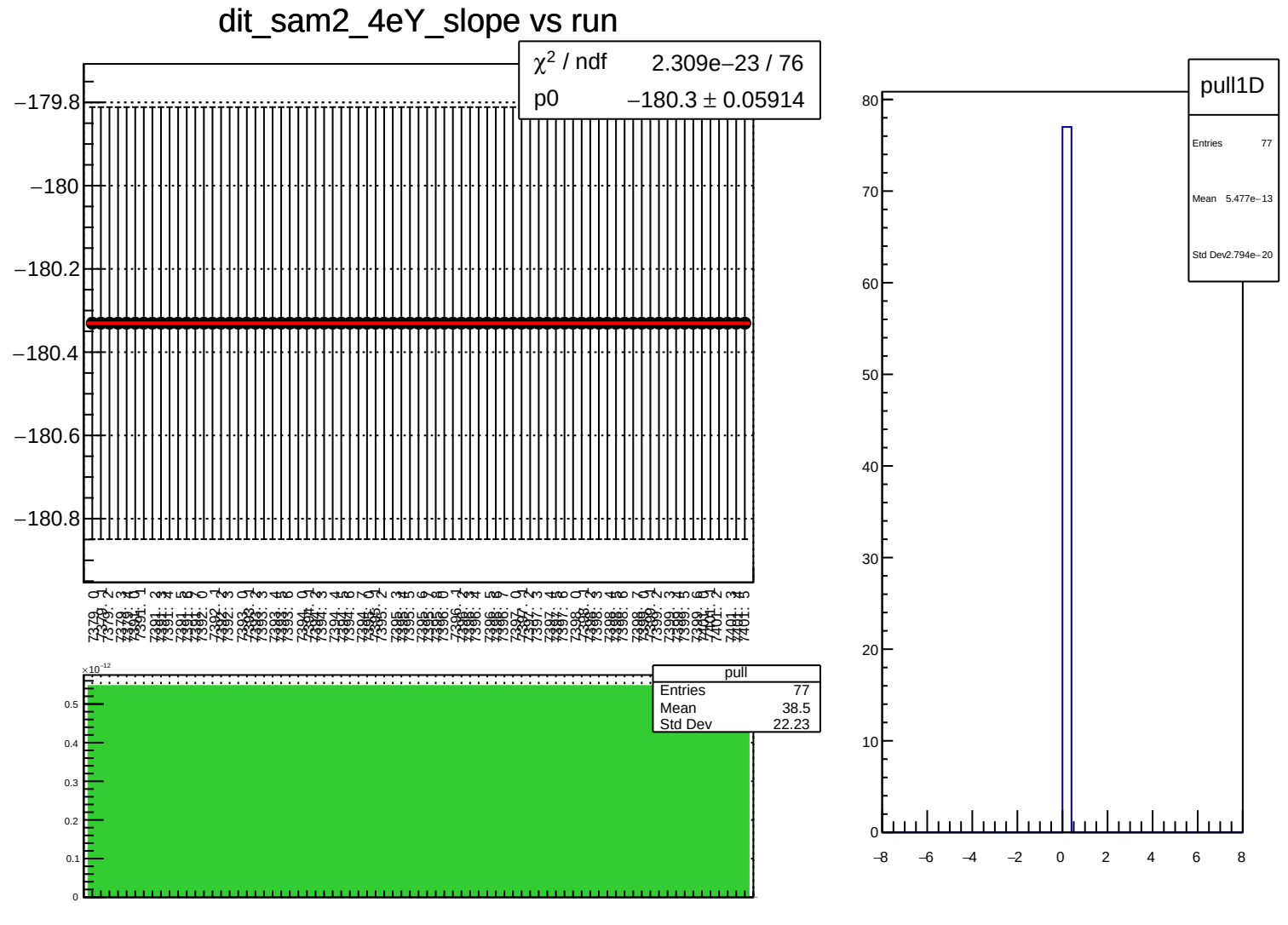

dit_sam2_4aX_slope vs run
χ² / ndf 7.419e−27 / 76
p0 24.47 ± 0.4537
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −9.816e−15
Std Dev 6.082e−22

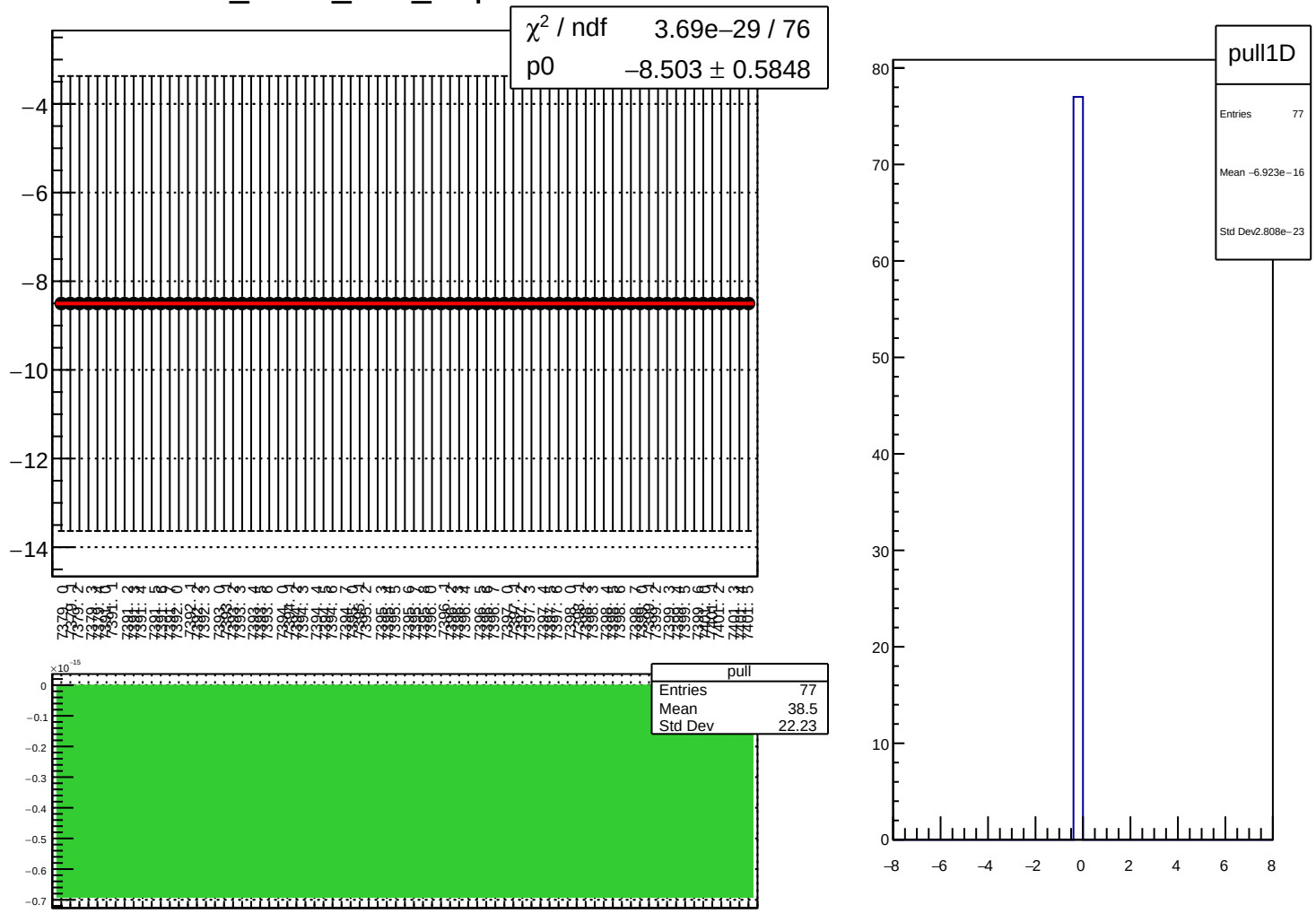

dit_sam2_4eX_slope vs run
χ² / ndf 8.179e−25 / 76
p0 −191.7 ± 0.5028
−188
−190
−192
−194
−196
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 77
Mean −1.031e−13
Std Dev2.934e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

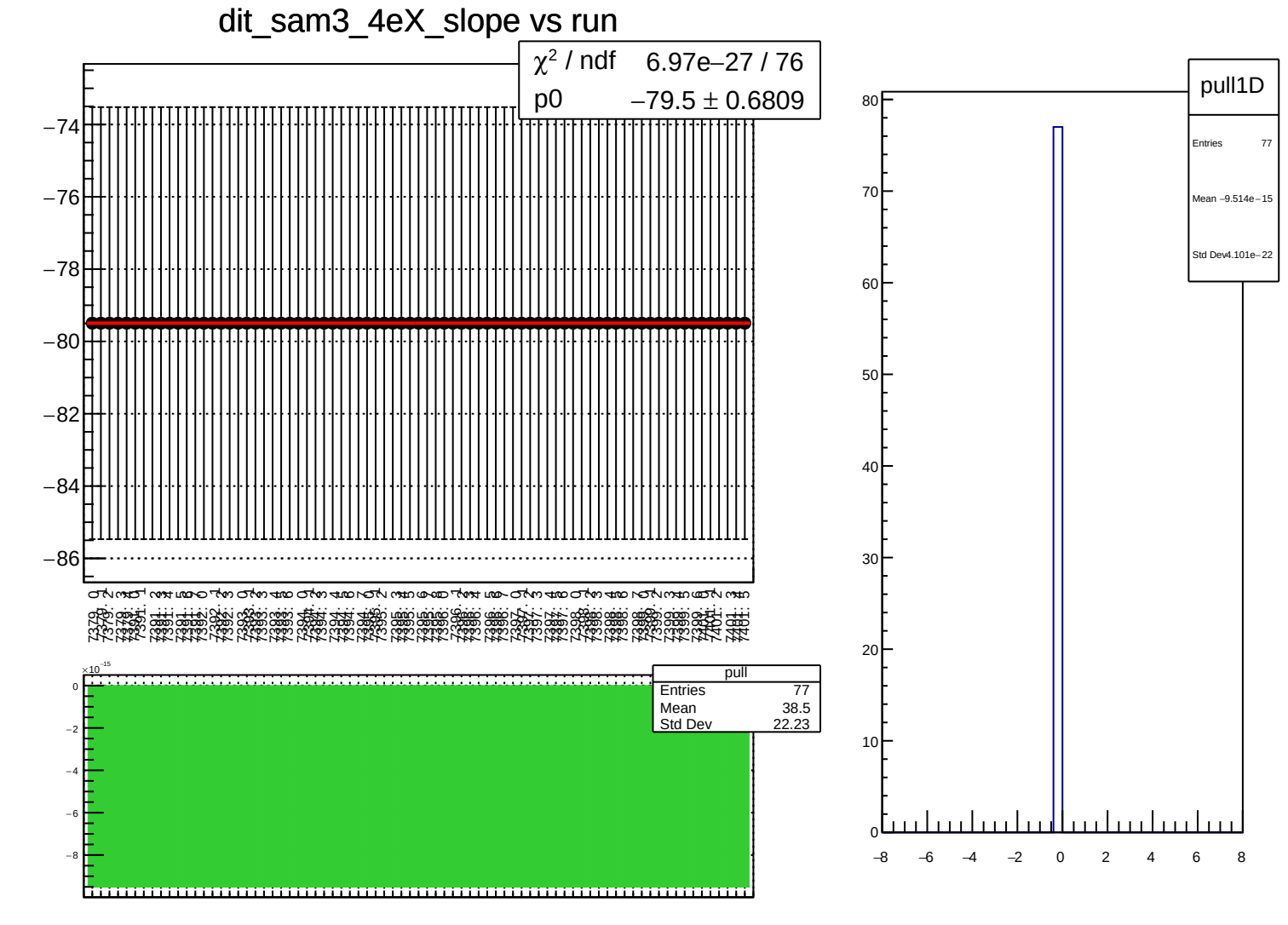

dit_sam2_11X12X_slope vs run
χ² / ndf 1.434e−26 / 76
p0 0.6893 ± 0.008345
0.76
0.74
0.72
0.7
0.68
0.66
0.64
0.62
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
pull1D
Entries 77
Mean −1.364e−14
Std Dev 6.174e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

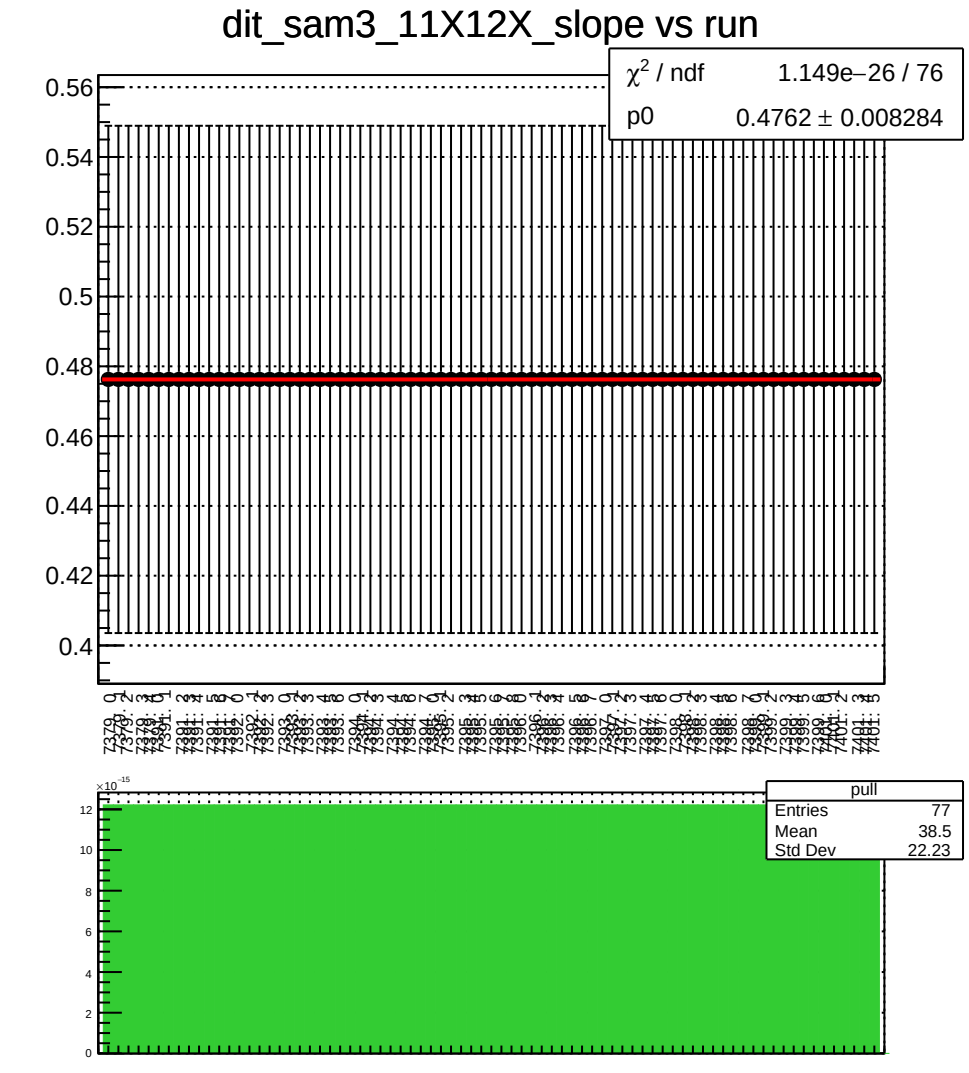

dit_sam2_4aY_slope vs run
χ² / ndf 4.907e−26 / 76
p0 7.483 ± 0.04009
pull
Entries 77
Mean 38.5
Std Dev 22.23

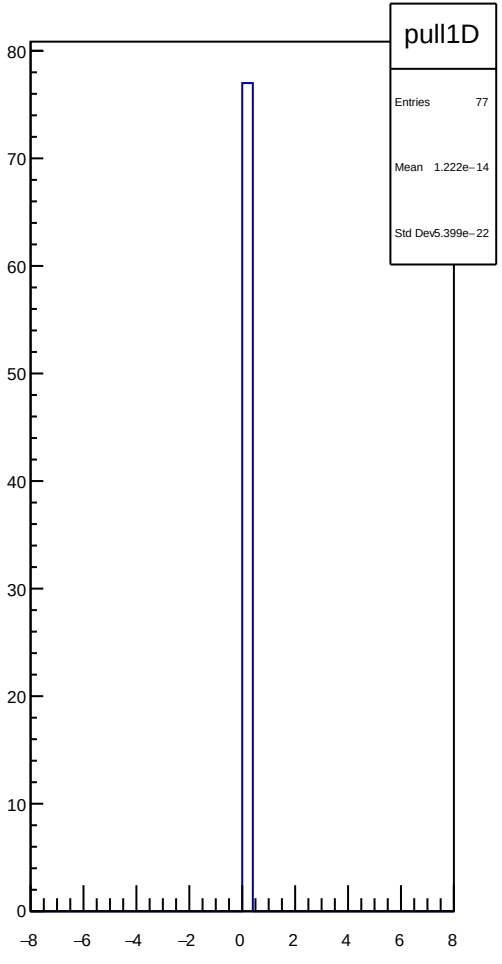

pull1D
Entries 77
Mean −2.524e−14
Std Dev1.556e−21

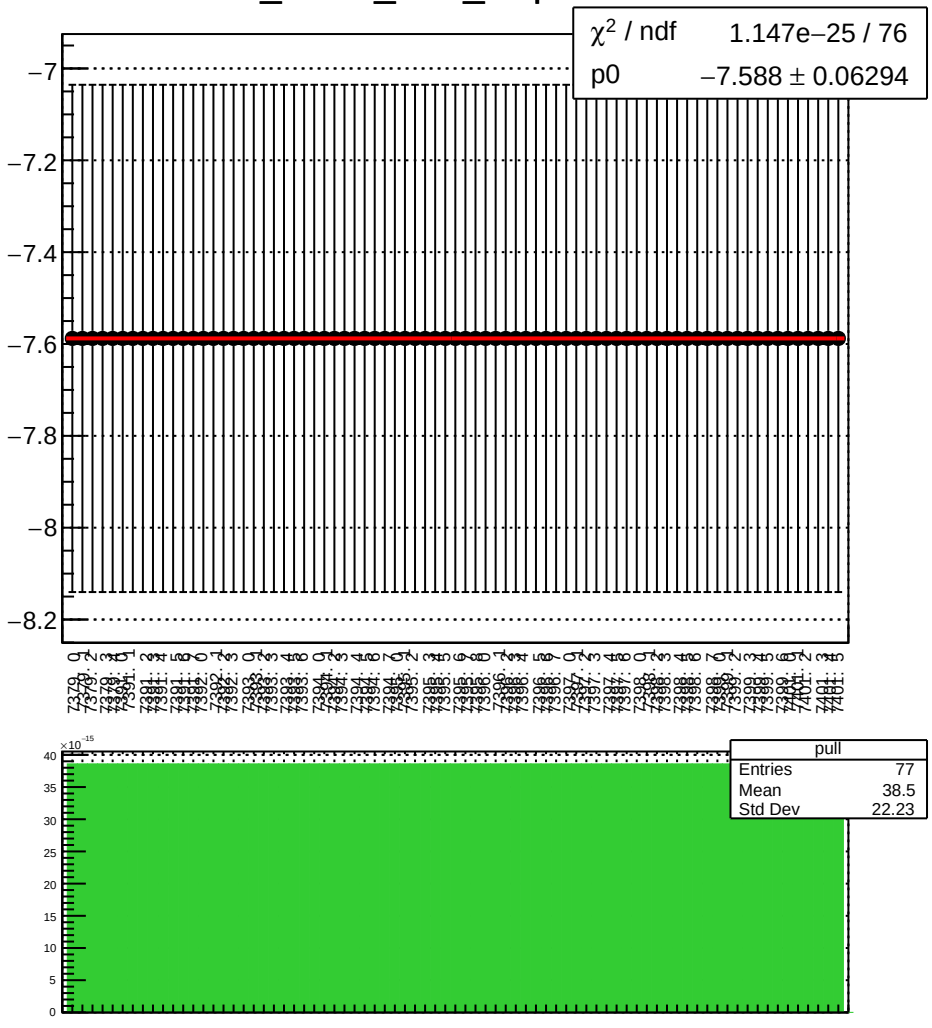

dit_sam2_4eY_slope vs run
χ² / ndf 2.309e−23 / 76
p0 −180.3 ± 0.05914
−179.8
−180
−180.2
−180.4
−180.6
−180.8
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹²
0.5
0.4
0.3
0.2
0.1
0
pull1D
Entries 77
Mean 5.477e−13
Std Dev 2.794e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

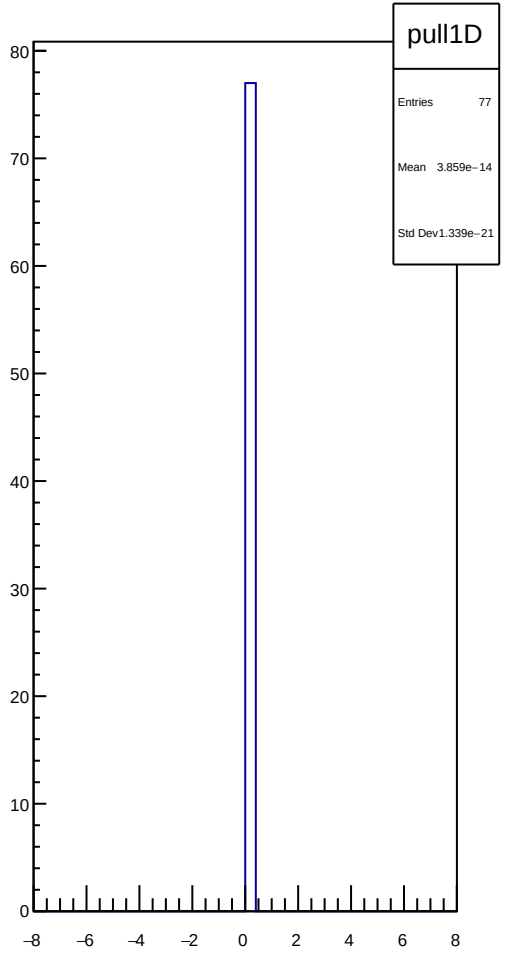

dit_sam3_4aX_slope vs run
χ² / ndf 3.69e−29 / 76
p0 −8.503 ± 0.5848
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −6.923e−16
Std Dev2.808e−23

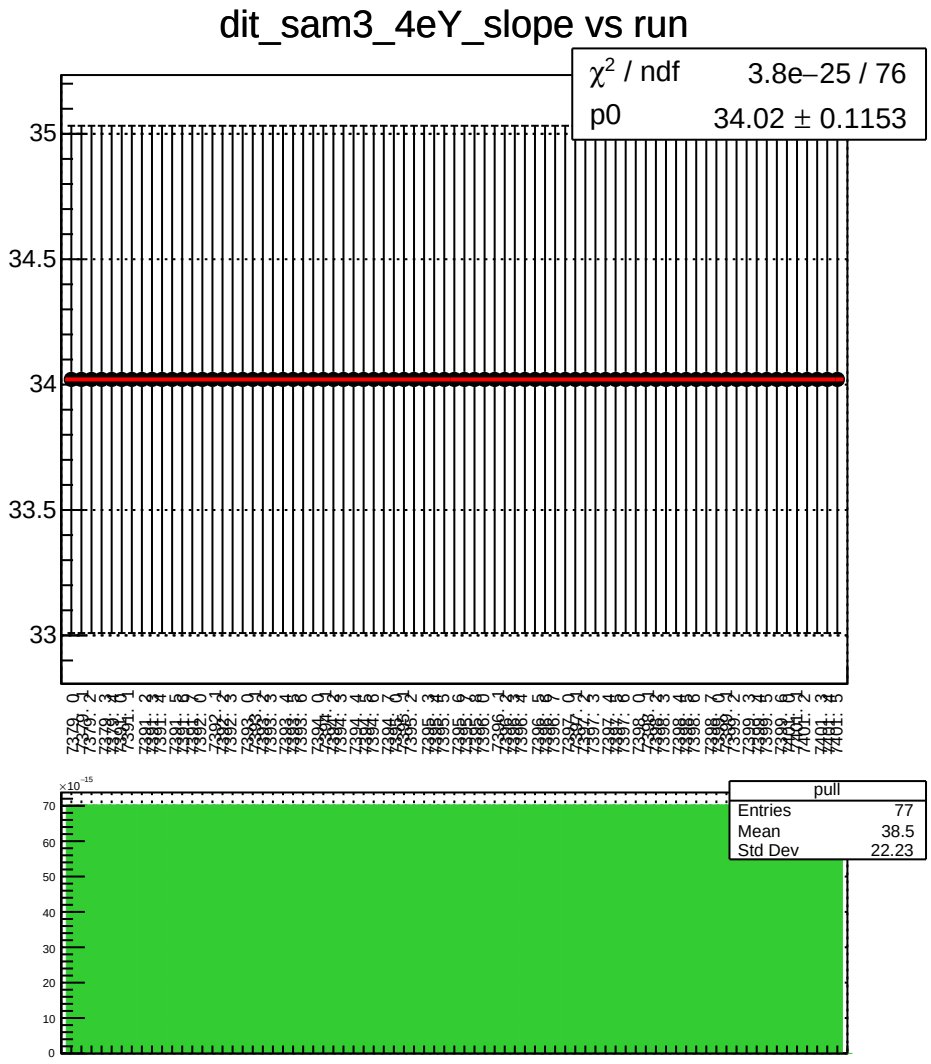

dit_sam3_4eX_slope vs run
χ² / ndf 6.97e−27 / 76
p0 −79.5 ± 0.6809
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −9.514e−15
Std Dev4.101e−22

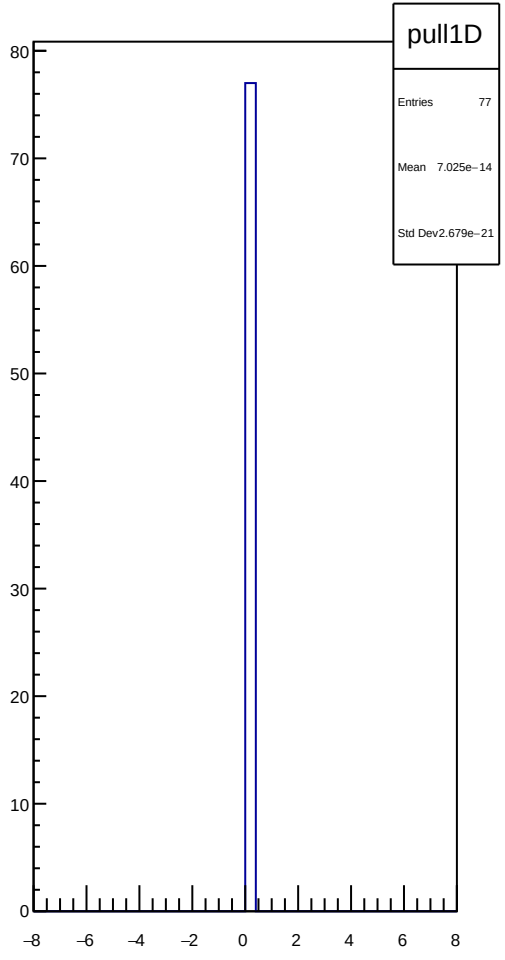

dit_sam3_11X12X_slope vs run
χ² / ndf 1.149e−26 / 76
p0 0.4762 ± 0.008284
pull
Entries 77
Mean 38.5
Std Dev 22.23

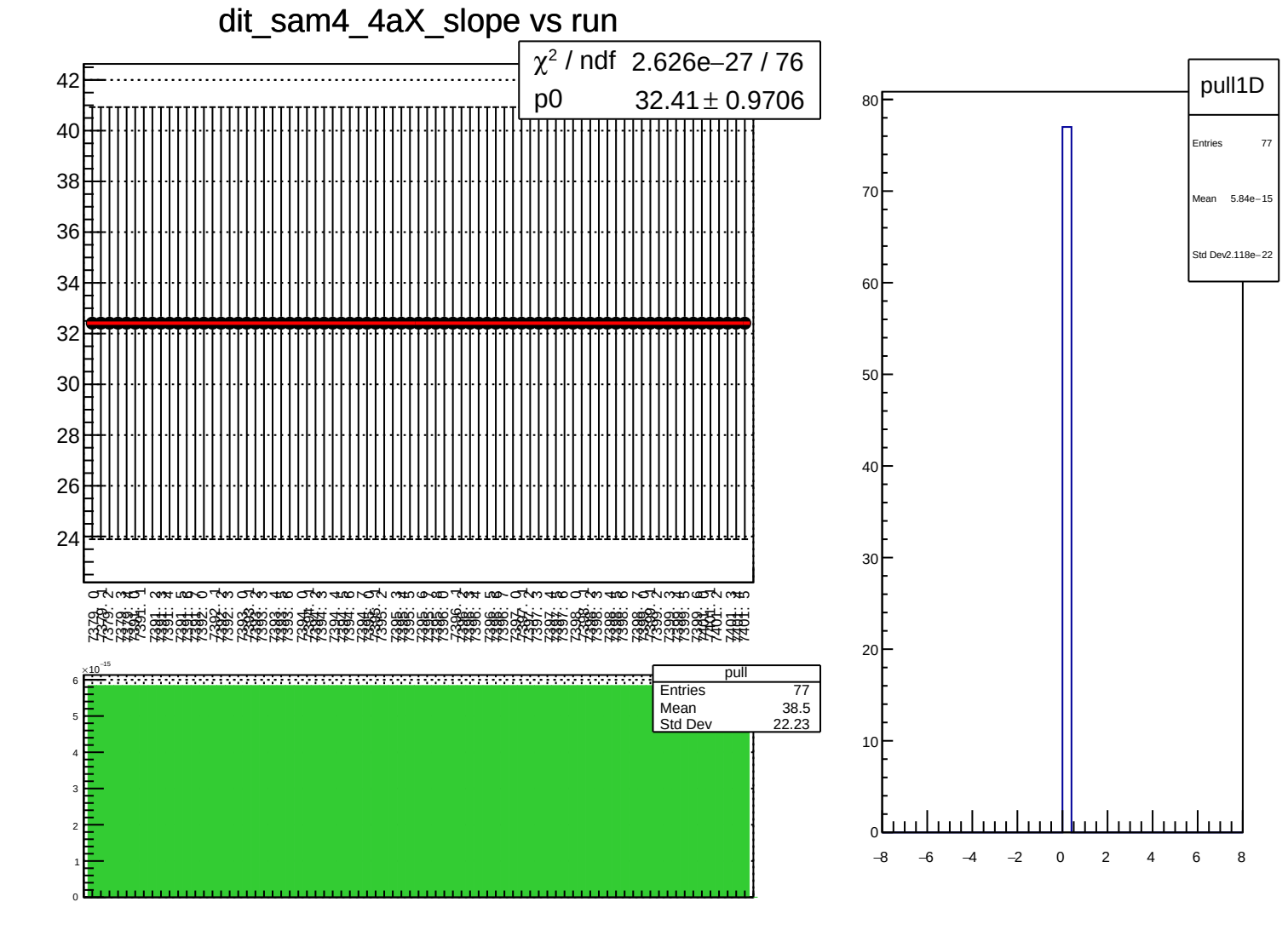

pull1D
Entries 77
Mean 1.222e−14
Std Dev 5.399e−22

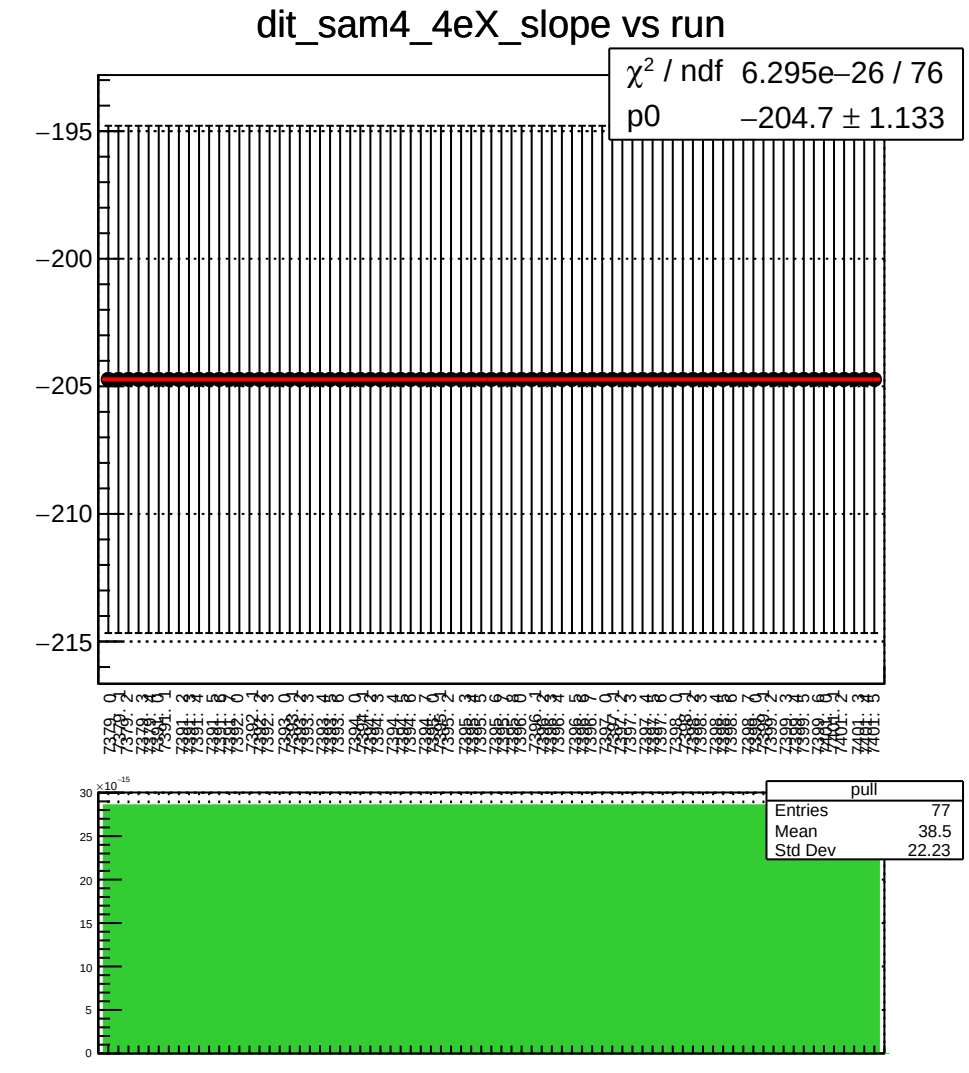

dit_sam3_4aY_slope vs run
χ² / ndf 1.147e−25 / 76
p0 −7.588 ± 0.06294
−7
−7.2
−7.4
−7.6
−7.8
−8
−8.2
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
40
35
30
25
20
15
10
5
0

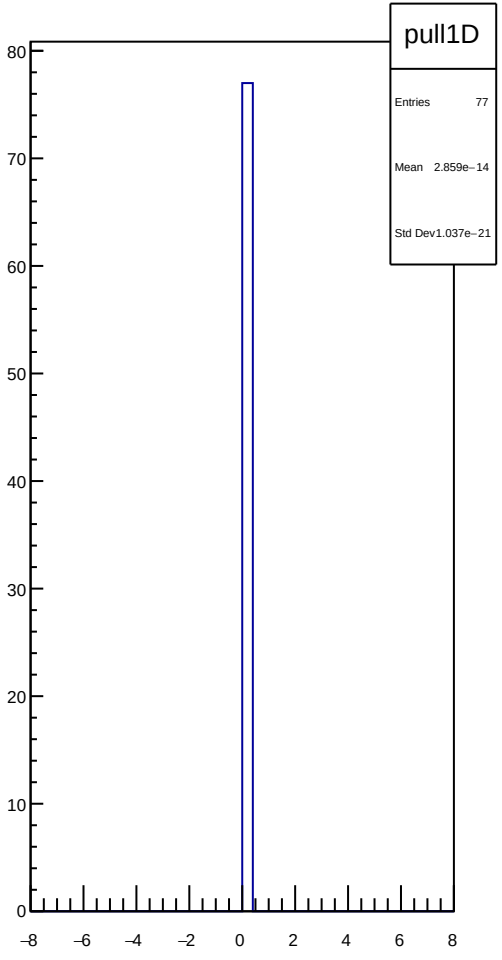

pull1D
Entries 77
Mean 3.859e−14
Std Dev1.339e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

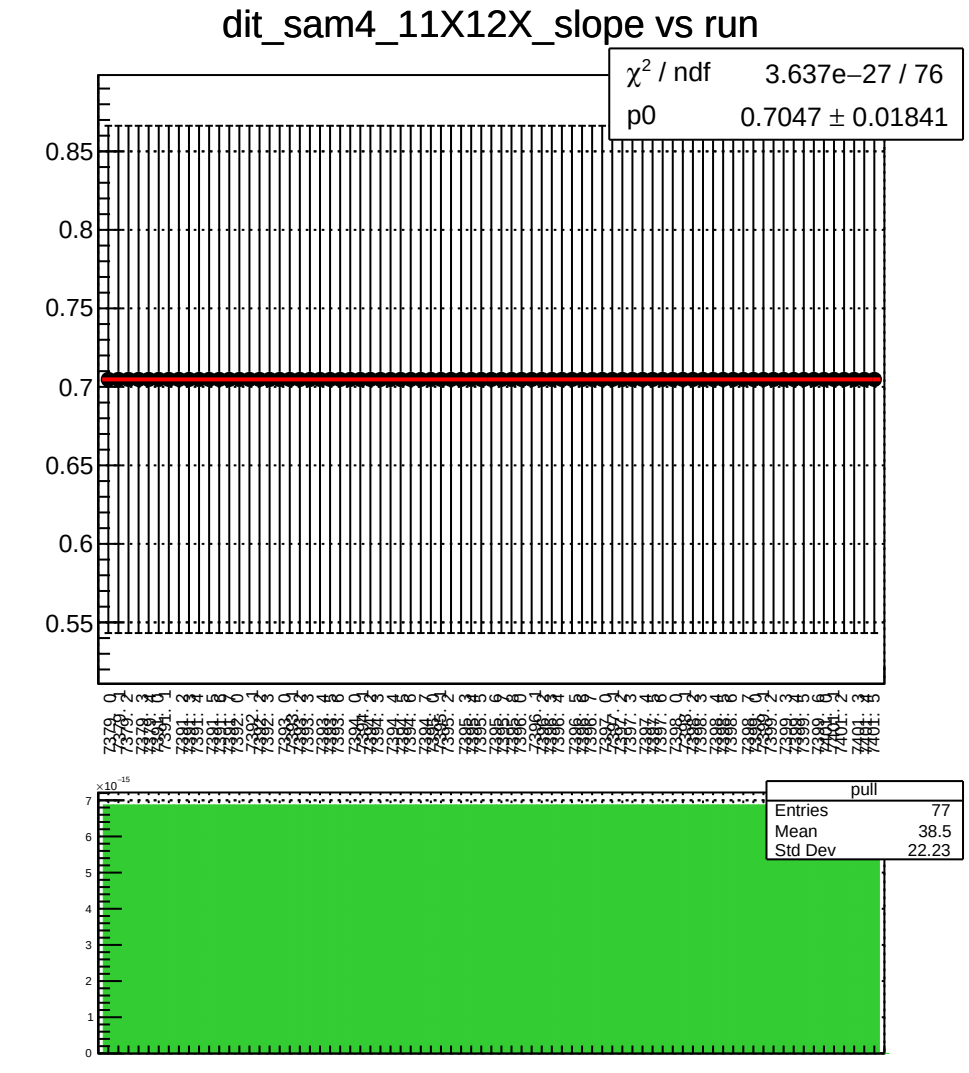

dit_sam3_4eY_slope vs run
χ² / ndf 3.8e−25 / 76
p0 34.02 ± 0.1153
35
34.5
34
33.5
33
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
70
60
50
40
30
20
10
0

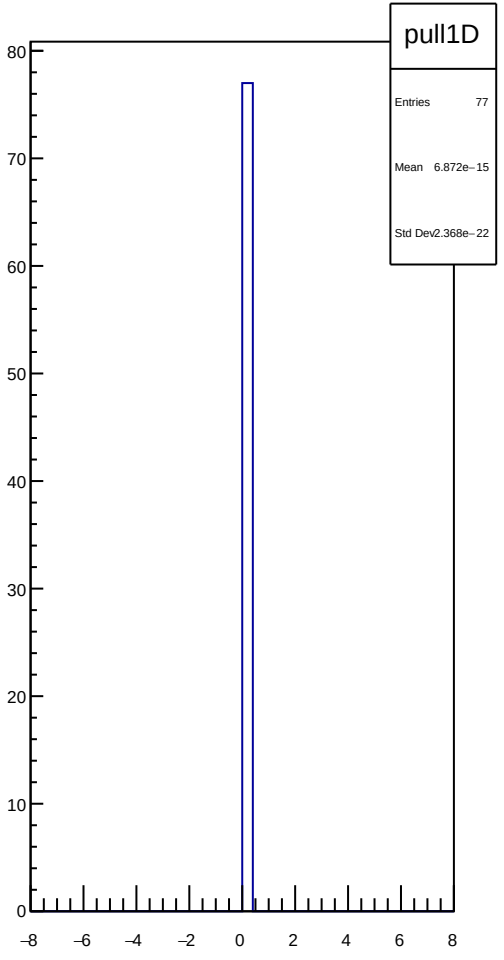

pull1D
Entries 77
Mean 7.025e−14
Std Dev2.679e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

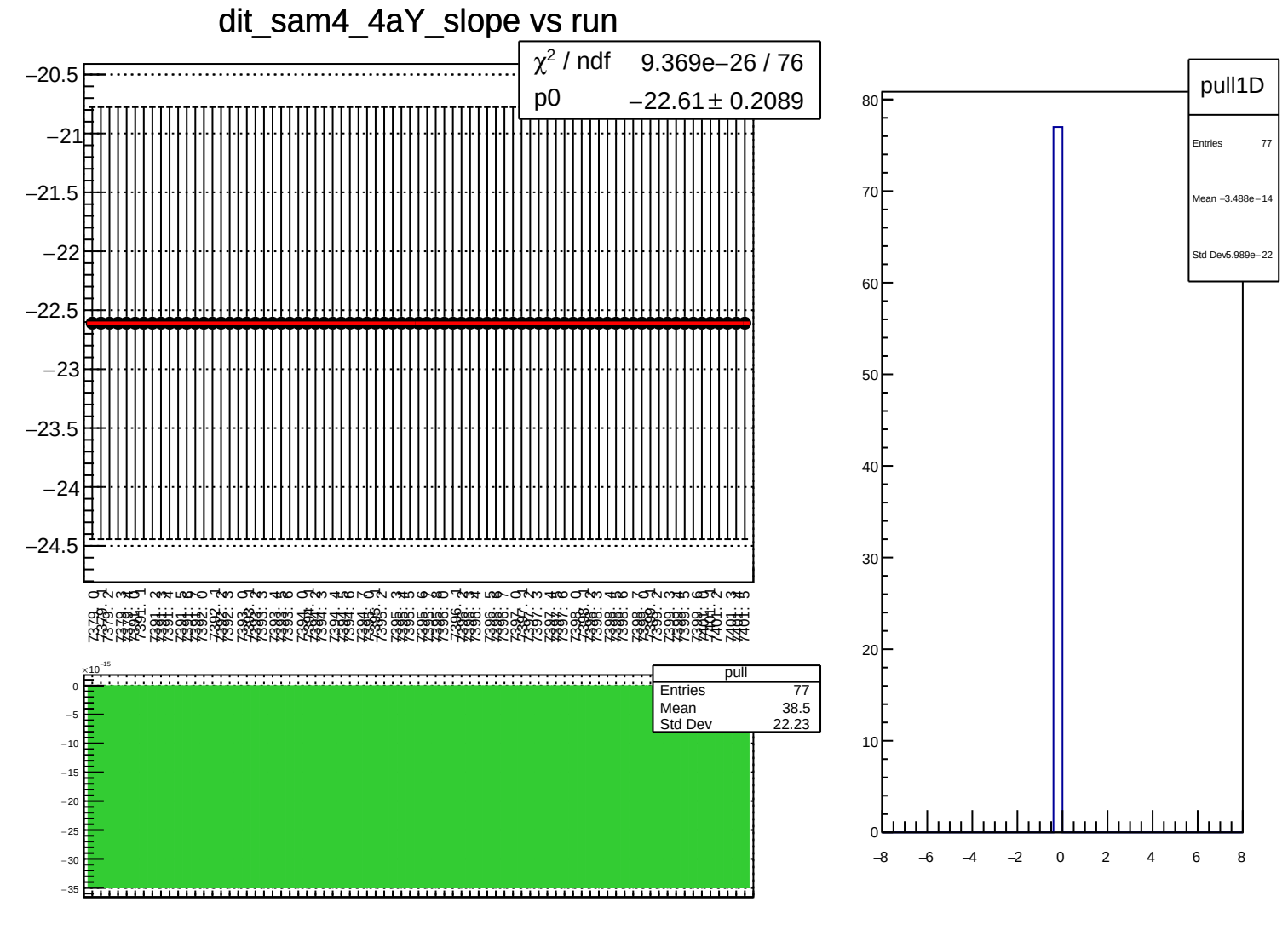

dit_sam4_4aX_slope vs run
χ² / ndf 2.626e−27 / 76
p0 32.41 ± 0.9706
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean 5.84e−15
Std Dev 2.118e−22

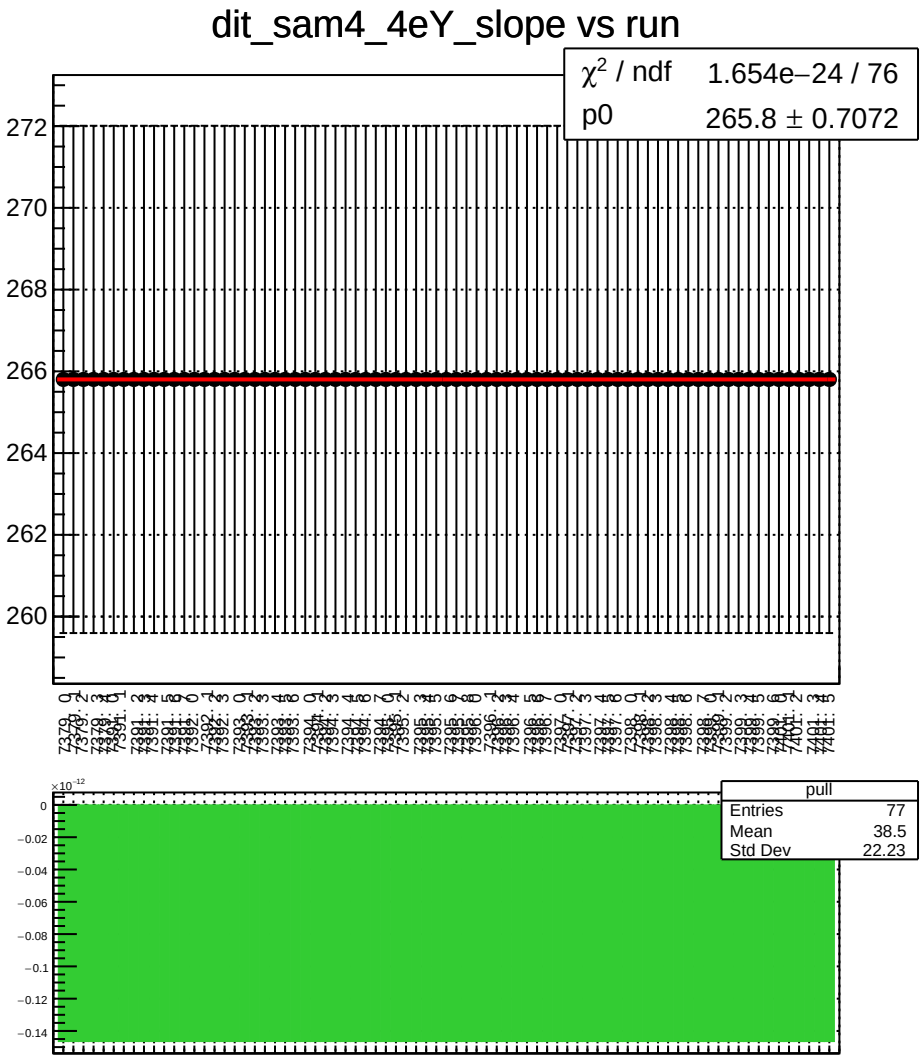

dit_sam4_4eX_slope vs run
χ^2 / ndf 6.295e−26 / 76
p0 −204.7 ± 1.133
−195
−200
−205
−210
−215
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10^-15
30
25
20
15
10
5
0

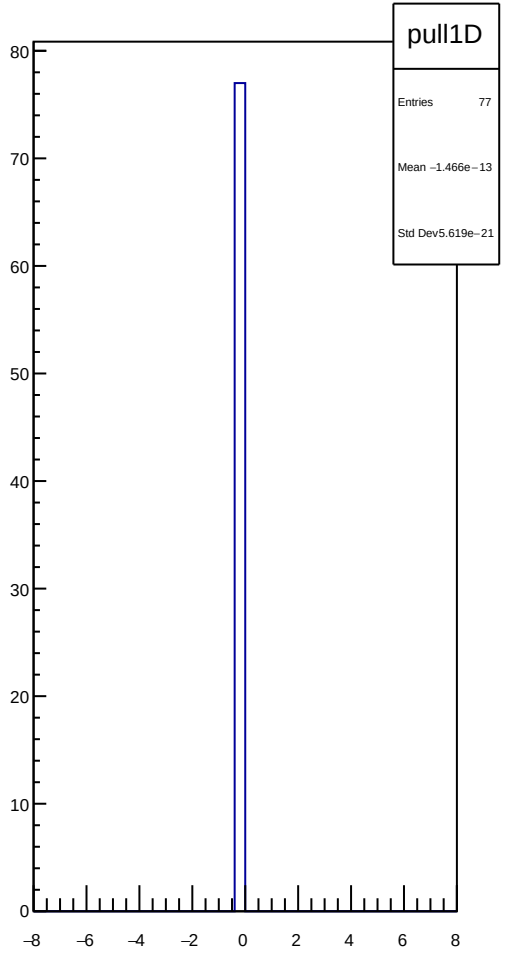

pull1D
Entries 77
Mean 2.859e−14
Std Dev1.037e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

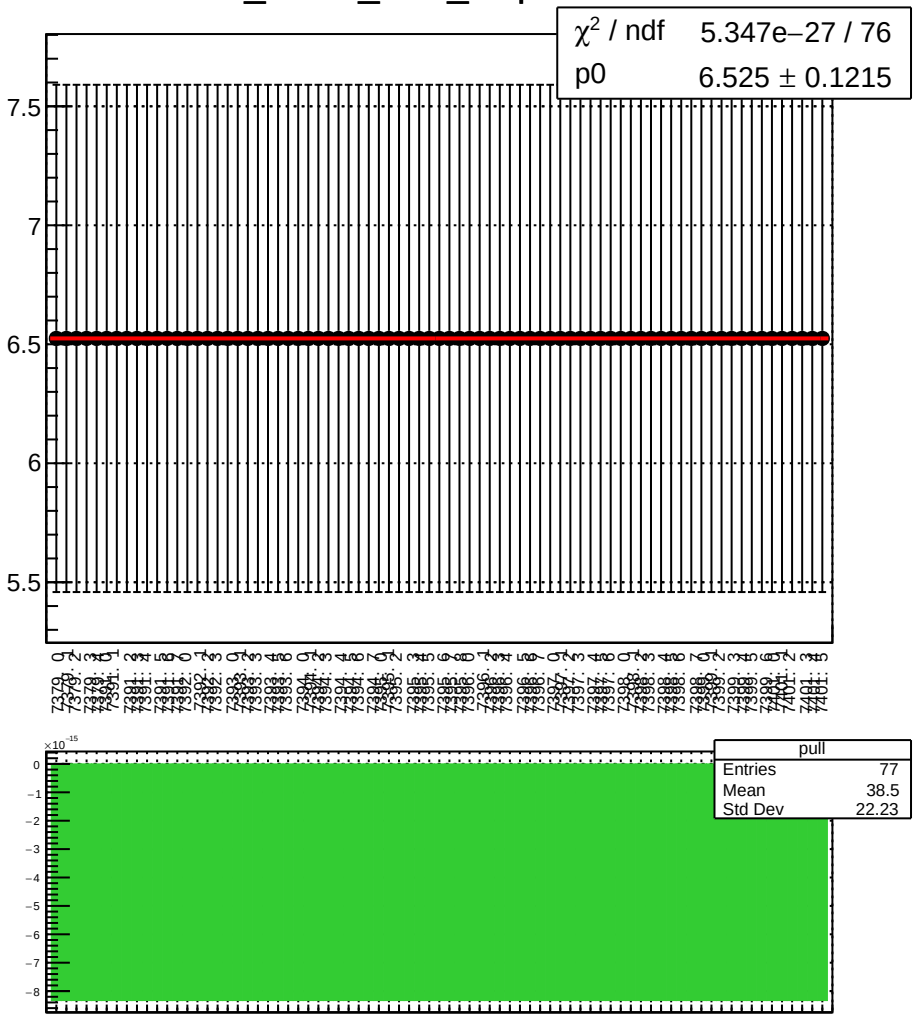

dit_sam4_11X12X_slope vs run
χ² / ndf 3.637e−27 / 76
p0 0.7047 ± 0.01841
0.85
0.8
0.75
0.7
0.65
0.6
0.55
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵

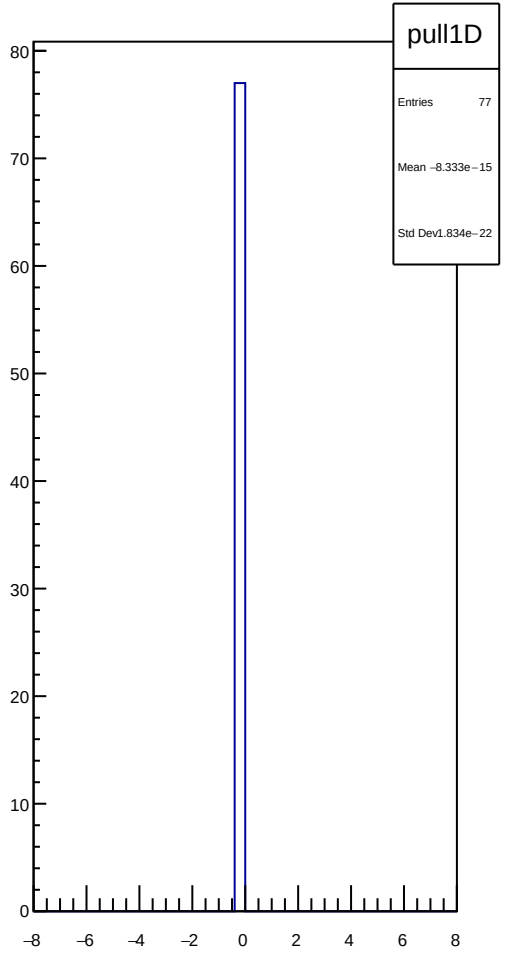

pull1D
Entries 77
Mean 6.872e−15
Std Dev 2.368e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

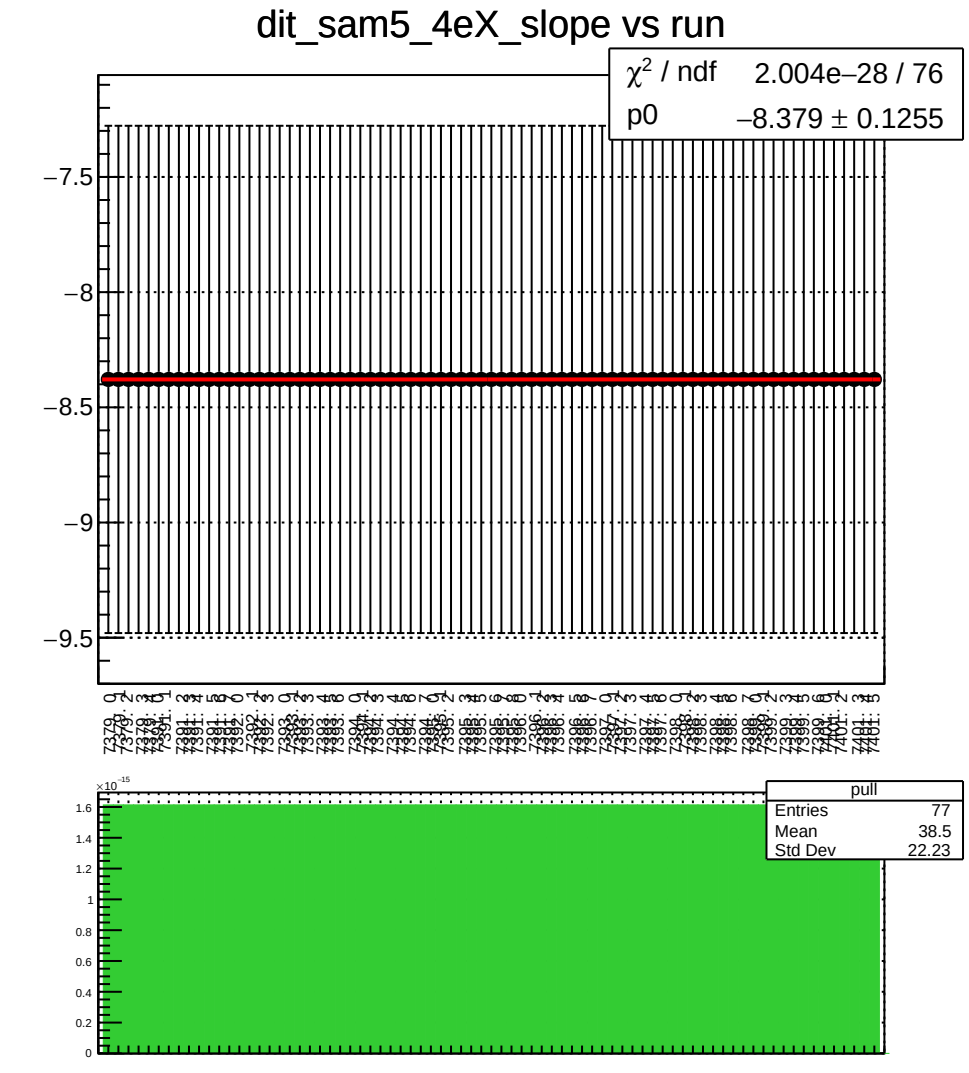

dit_sam4_4aY_slope vs run
χ² / ndf 9.369e−26 / 76
p0 −22.61 ± 0.2089
−20.5
−21
−21.5
−22
−22.5
−23
−23.5
−24
−24.5
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
pull1D
Entries 77
Mean −3.488e−14
Std Dev 5.989e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

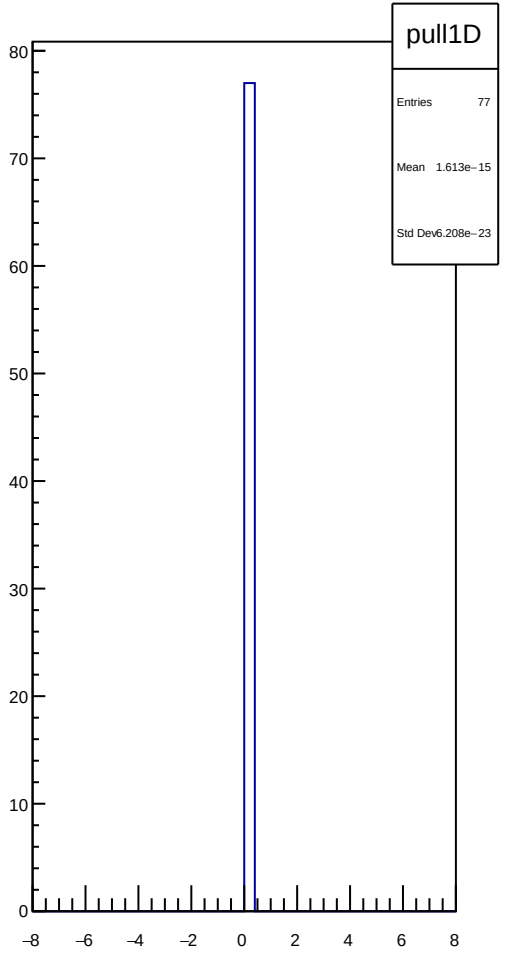

dit_sam4_4eY_slope vs run
χ² / ndf 1.654e−24 / 76
p0 265.8 ± 0.7072
272
270
268
266
264
262
260
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
−0.14

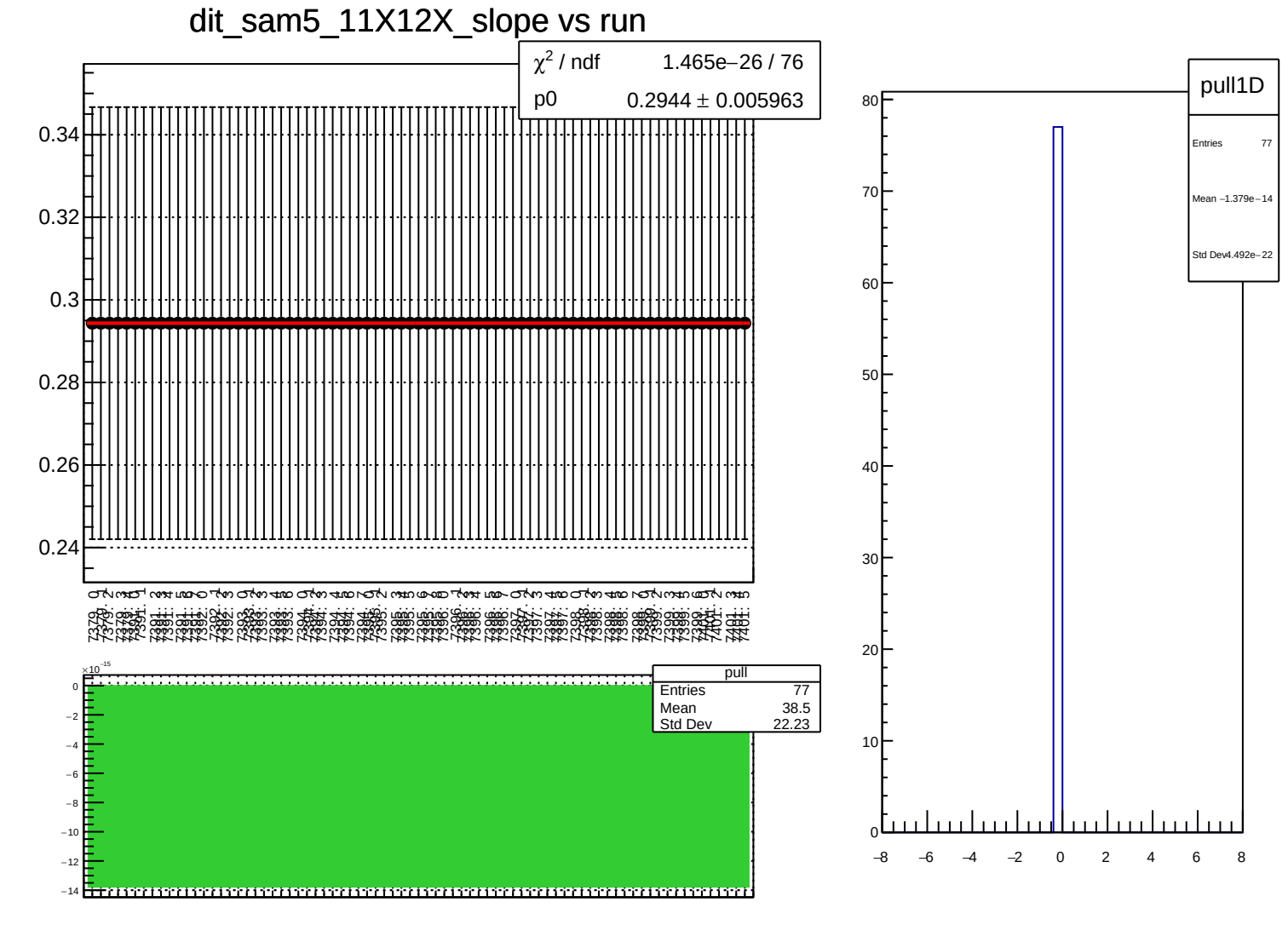

pull1D
Entries 77
Mean −1.466e−13
Std Dev5.619e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

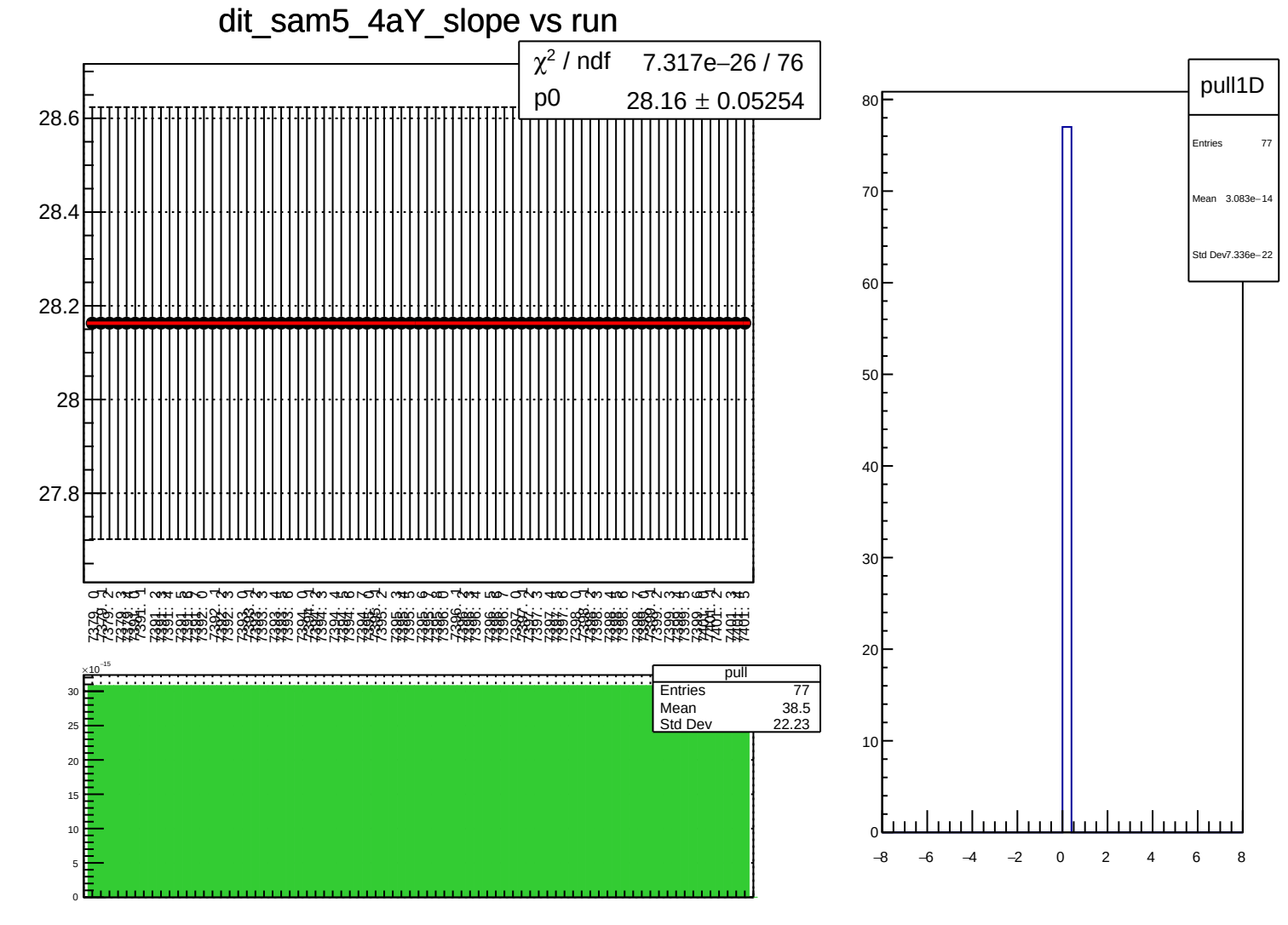

dit_sam5_4aX_slope vs run
χ² / ndf 5.347e−27 / 76
p0 6.525 ± 0.1215
7.5
7
6.5
6
5.5
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−1
−2
−3
−4
−5
−6
−7
−8

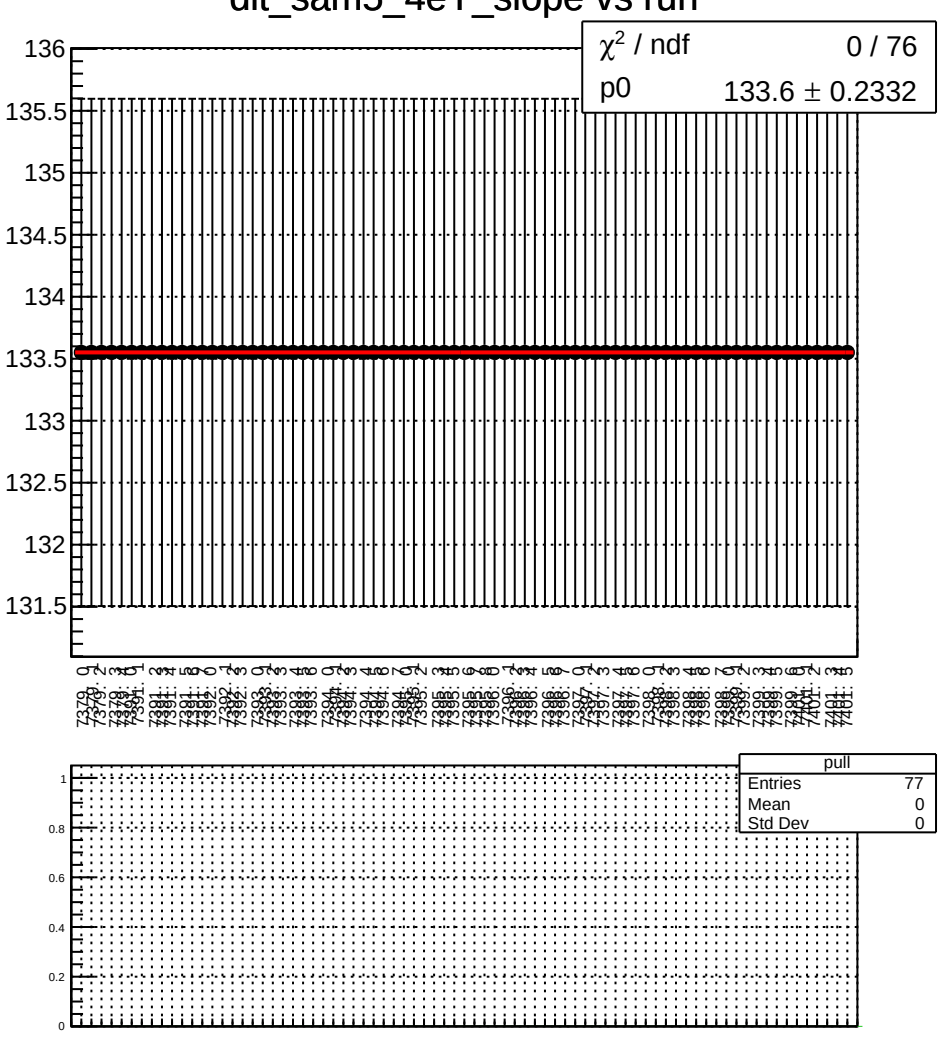

pull1D
Entries 77
Mean −8.333e−15
Std Dev1.834e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

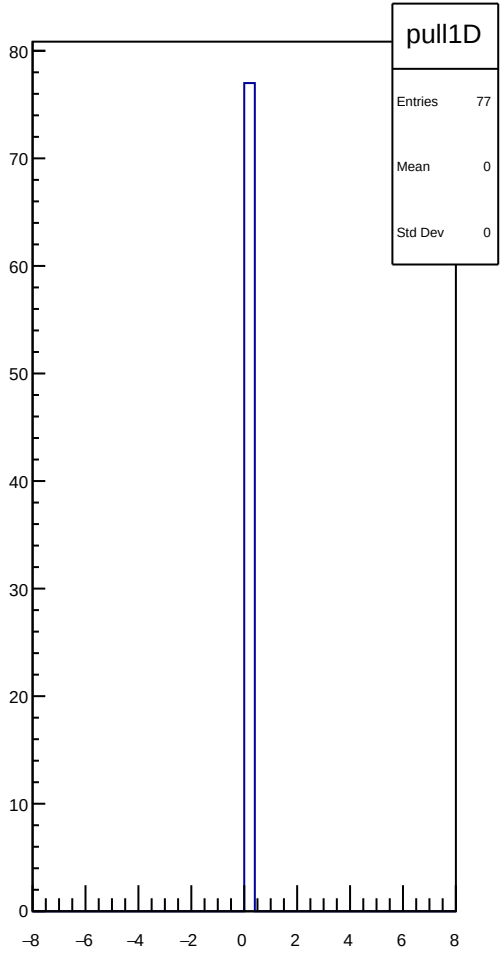

dit_sam5_4eX_slope vs run
χ² / ndf 2.004e−28 / 76
p0 −8.379 ± 0.1255
−7.5
−8
−8.5
−9
−9.5
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0

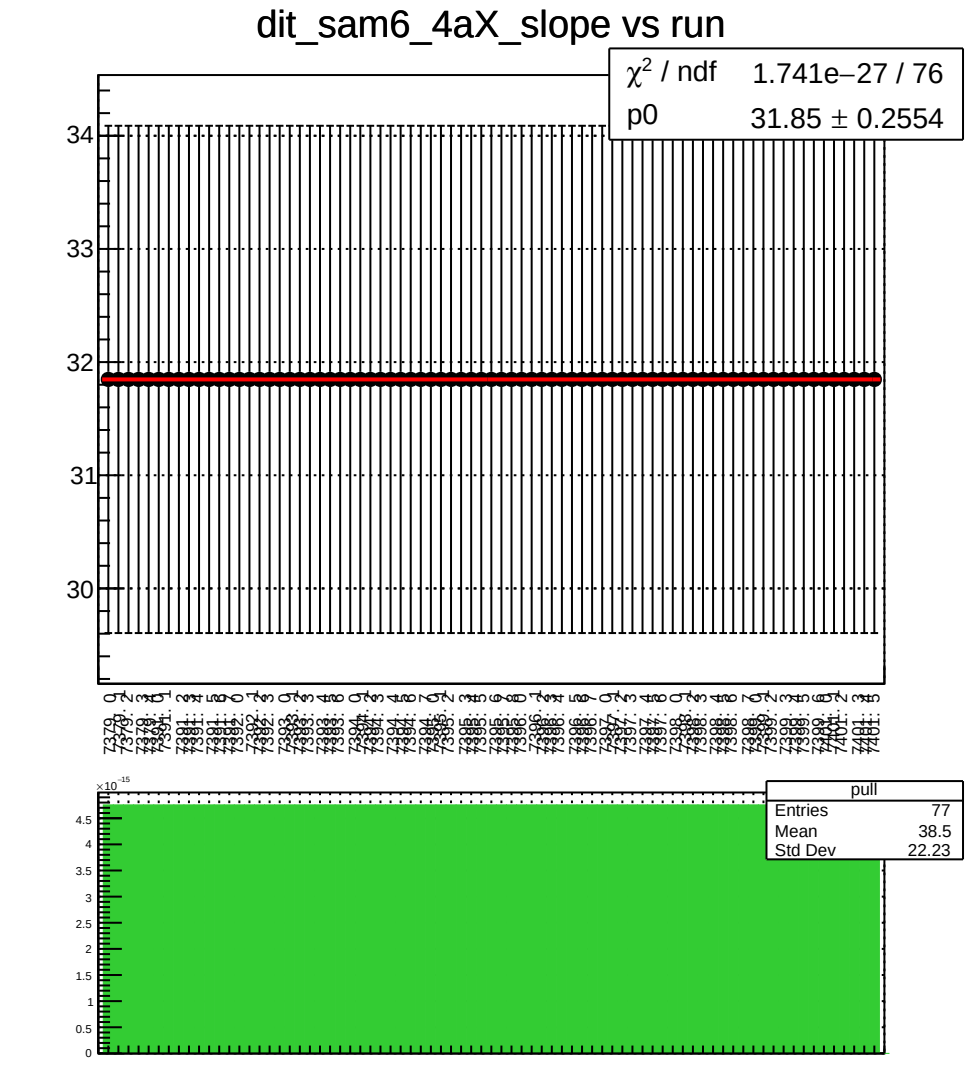

pull1D
Entries 77
Mean 1.613e−15
Std Dev 6.208e−23
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

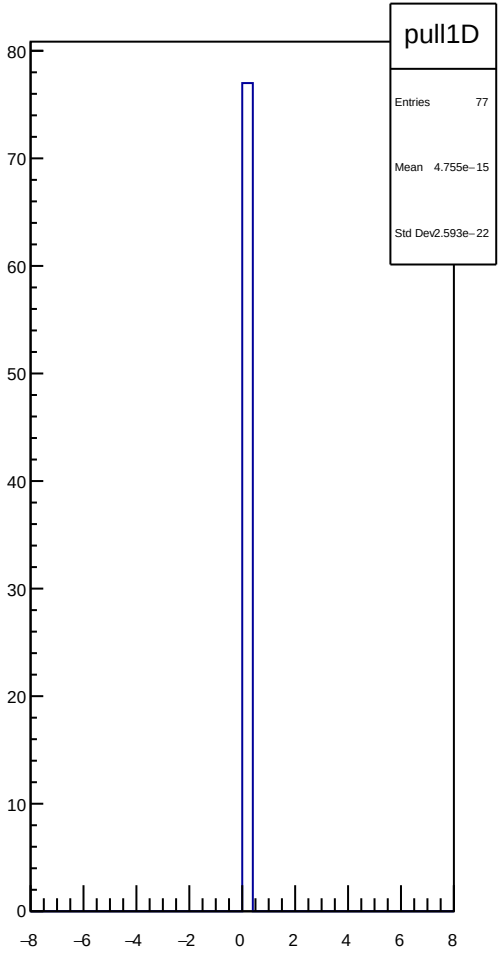

dit_sam5_11X12X_slope vs run
χ² / ndf 1.465e−26 / 76
p0 0.2944 ± 0.005963
0.34
0.32
0.3
0.28
0.26
0.24
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
pull1D
Entries 77
Mean −1.379e−14
Std Dev4.492e−22

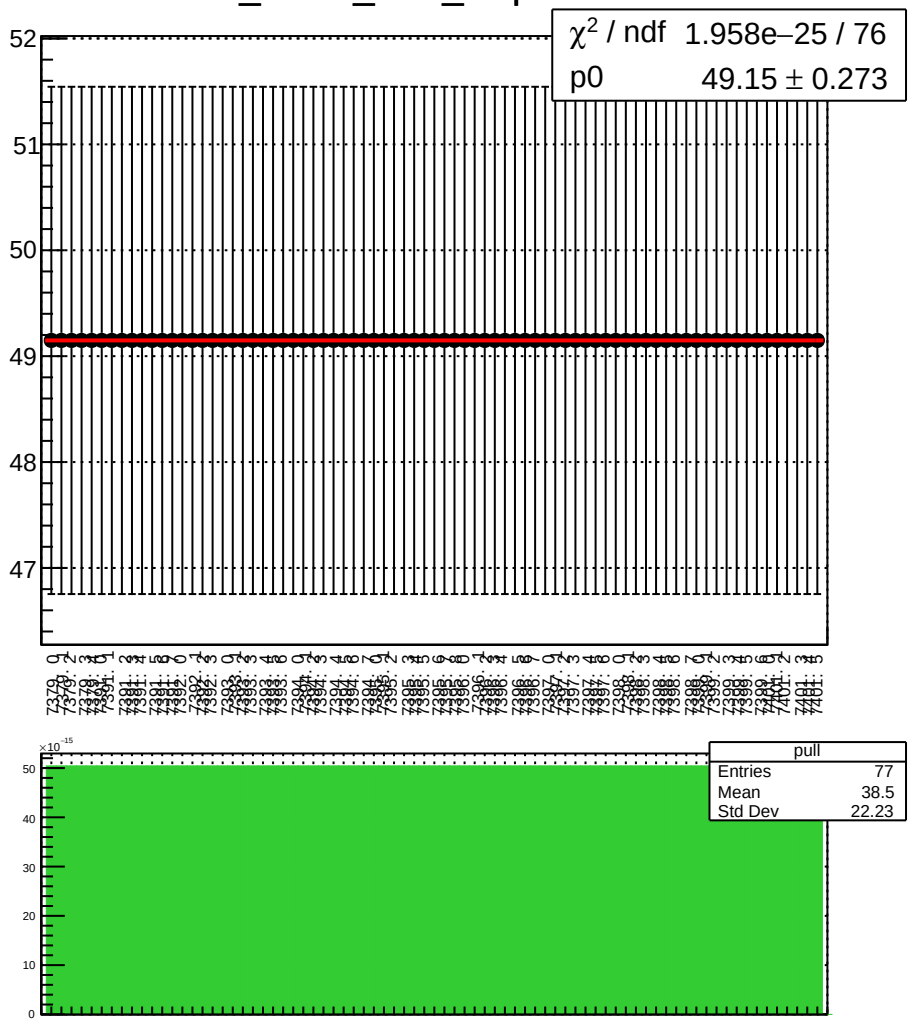

dit_sam5_4aY_slope vs run
χ² / ndf 7.317e−26 / 76
p0 28.16 ± 0.05254
28.6
28.4
28.2
28
27.8
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean 3.083e−14
Std Dev7.336e−22

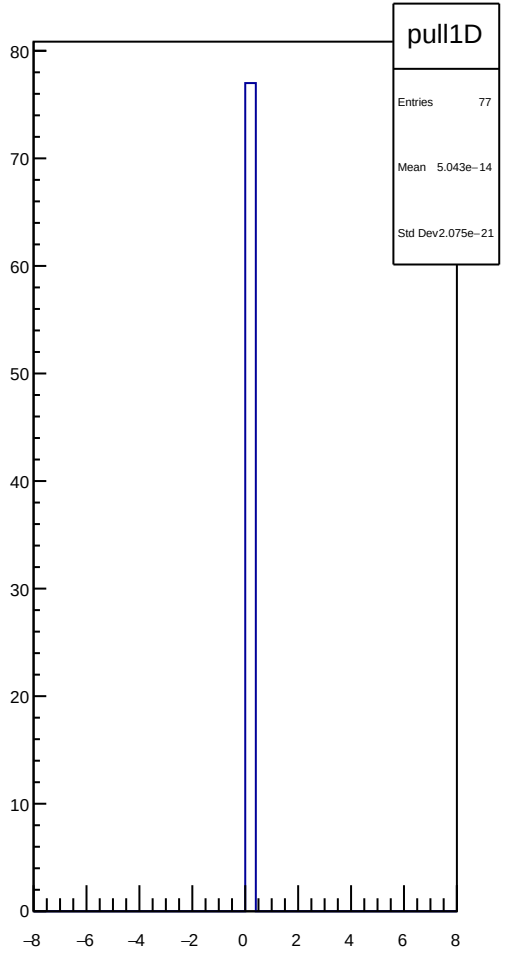

dit_sam5_4eY_slope vs run
χ^2 / ndf 0 / 76
p0 133.6 ± 0.2332
pull
Entries 77
Mean 0
Std Dev 0

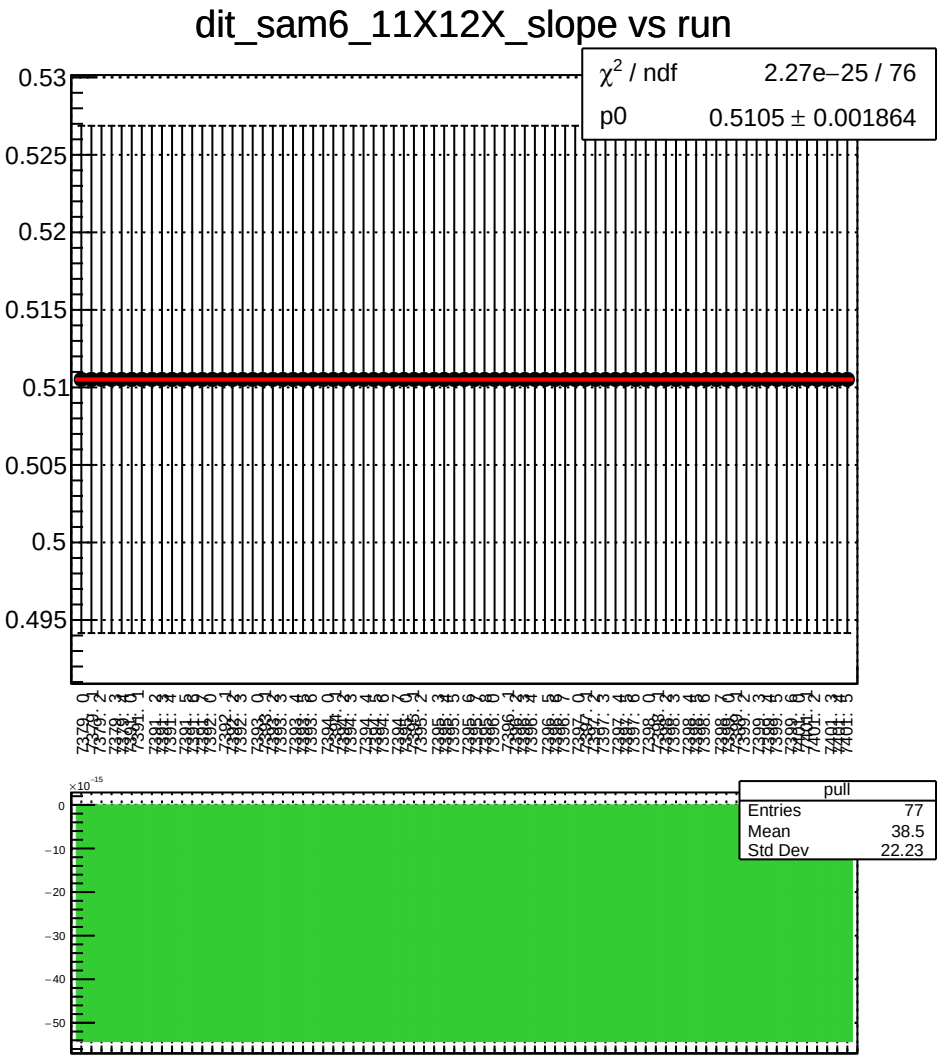

pull1D
Entries 77
Mean 0
Std Dev 0

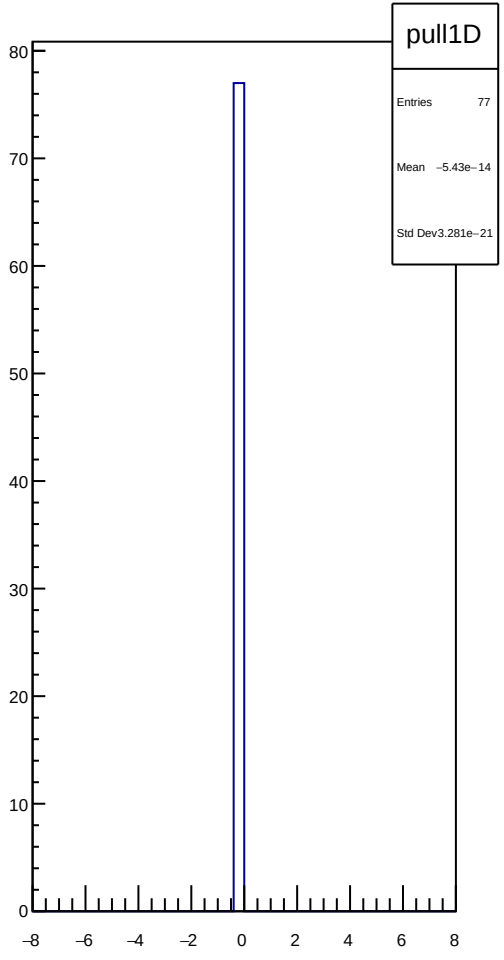

dit_sam6_4aX_slope vs run
χ² / ndf 1.741e−27 / 76
p0 31.85 ± 0.2554
pull
Entries 77
Mean 38.5
Std Dev 22.23

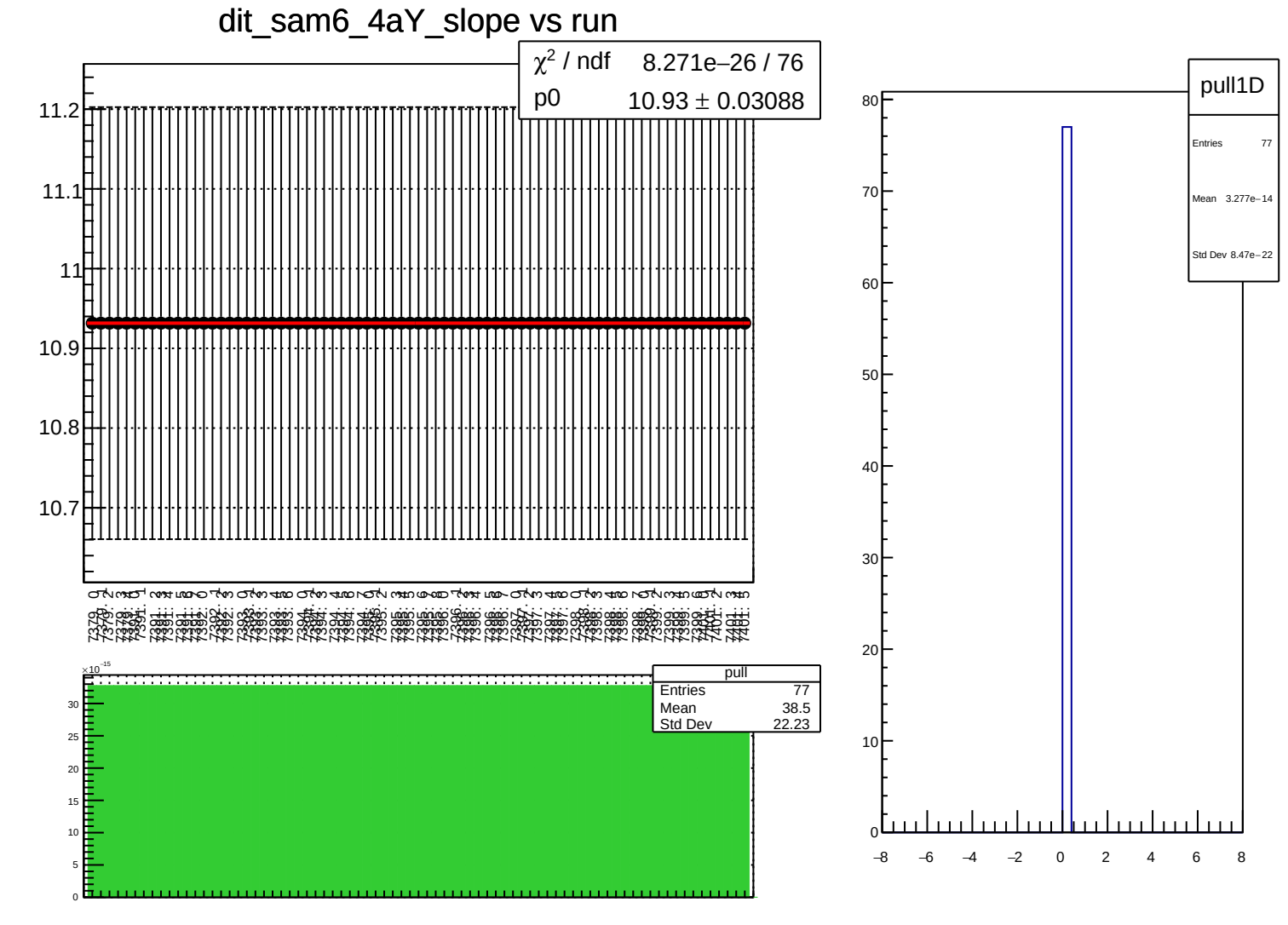

pull1D
Entries 77
Mean 4.755e−15
Std Dev 2.593e−22

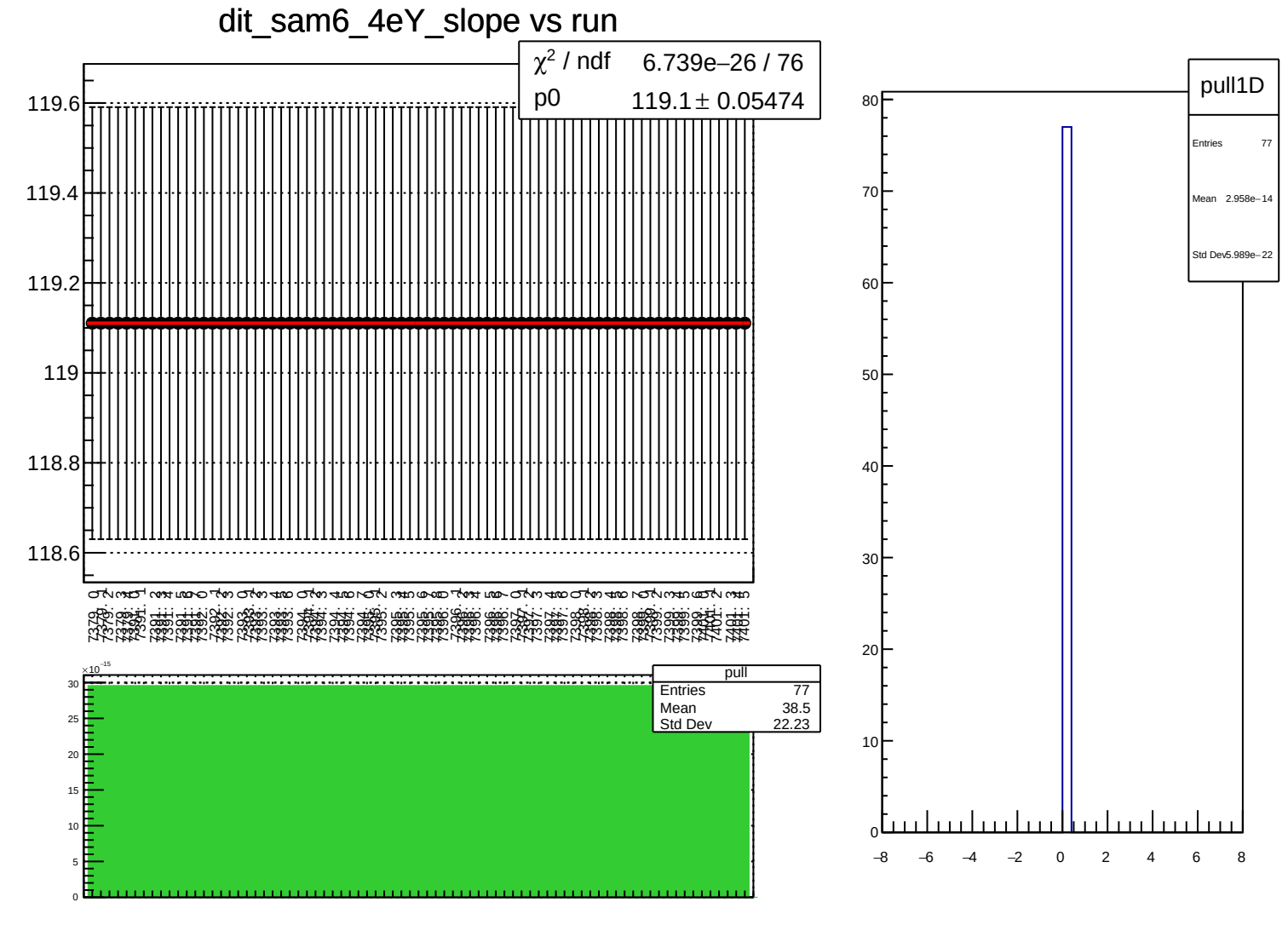

dit_sam6_4eX_slope vs run
χ^2 / ndf 1.958e−25 / 76
p0 49.15 ± 0.273
52
51
50
49
48
47
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10^-15
50
40
30
20
10
0

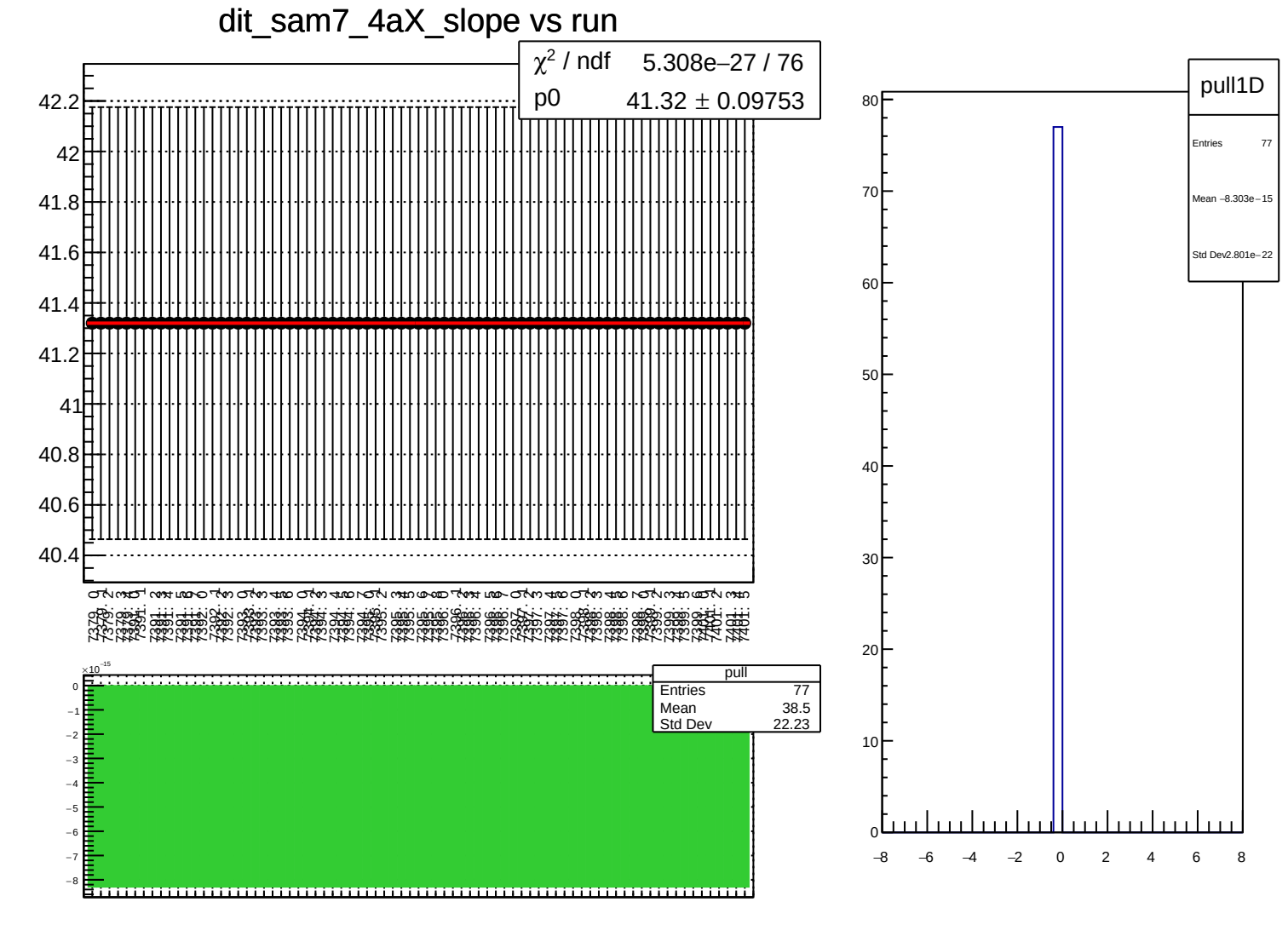

pull1D
Entries 77
Mean 5.043e−14
Std Dev2.075e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

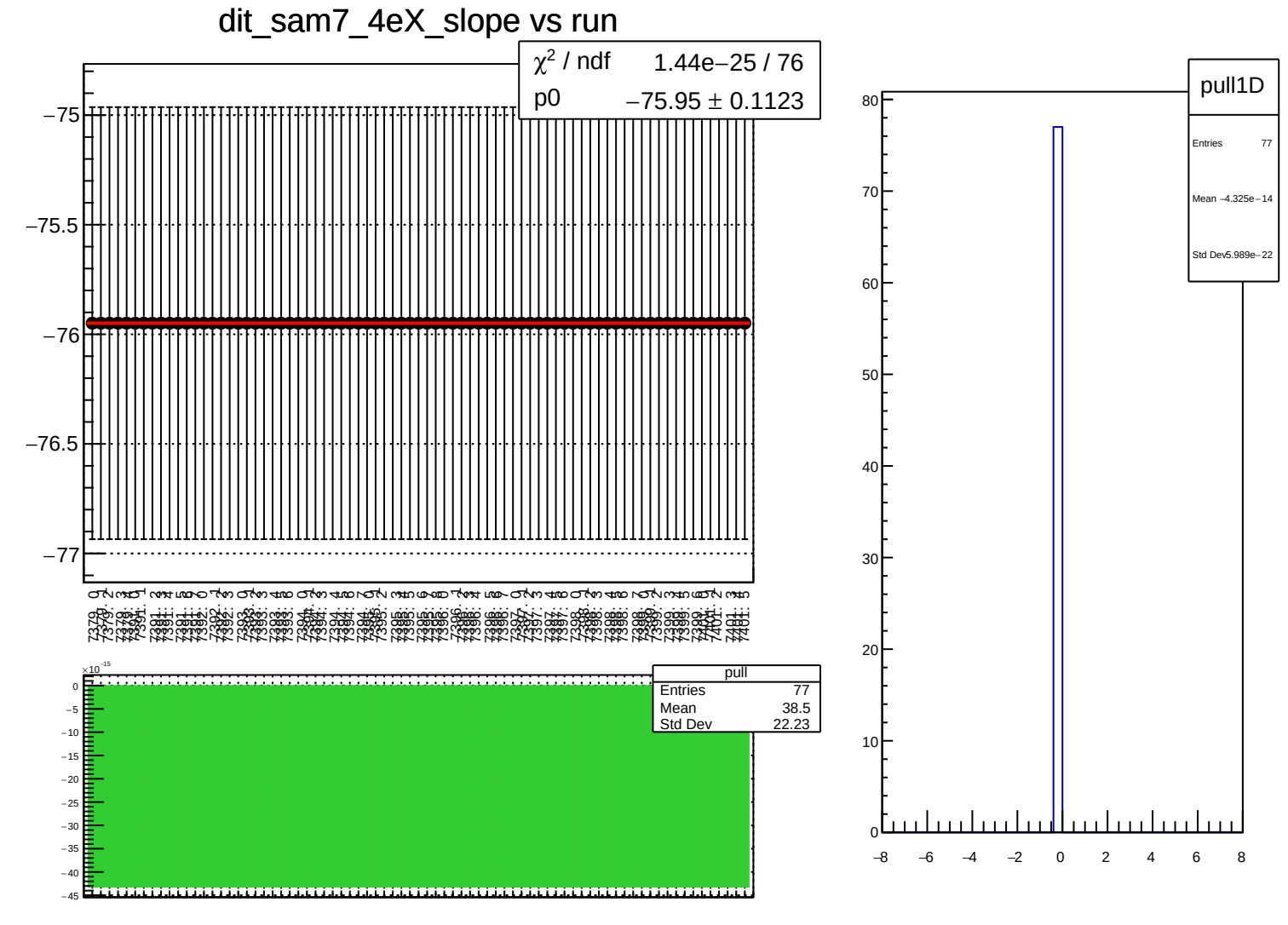

dit_sam6_11X12X_slope vs run
χ² / ndf 2.27e−25 / 76
p0 0.5105 ± 0.001864
pull
Entries 77
Mean 38.5
Std Dev 22.23

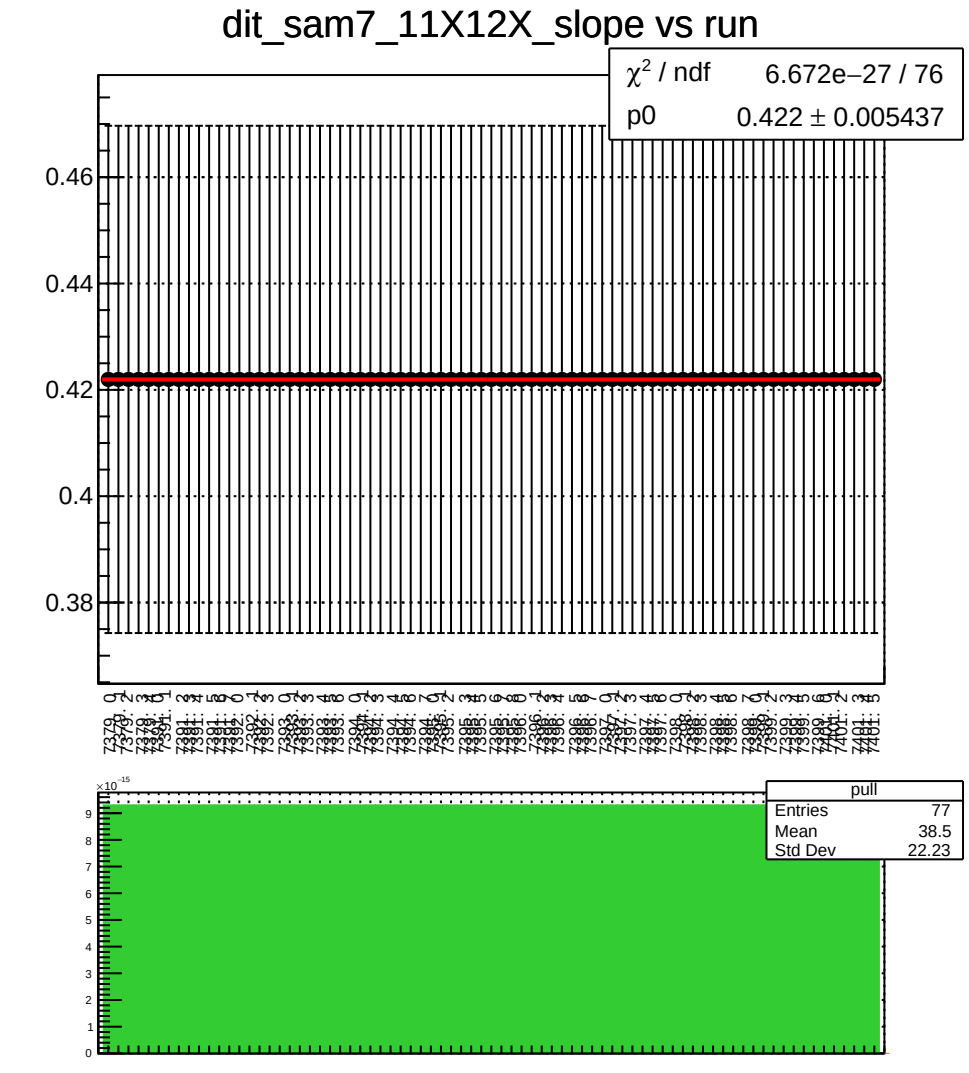

pull1D
Entries 77
Mean −5.43e−14
Std Dev3.281e−21

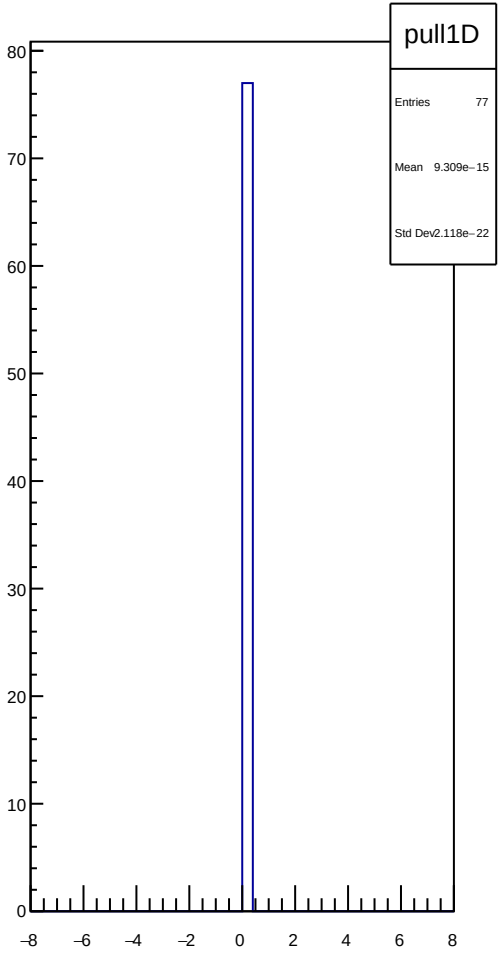

dit_sam6_4aY_slope vs run
χ² / ndf 8.271e−26 / 76
p0 10.93 ± 0.03088
11.2
11.1
11
10.9
10.8
10.7
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
30
25
20
15
10
5
0
pull1D
Entries 77
Mean 3.277e−14
Std Dev 8.47e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

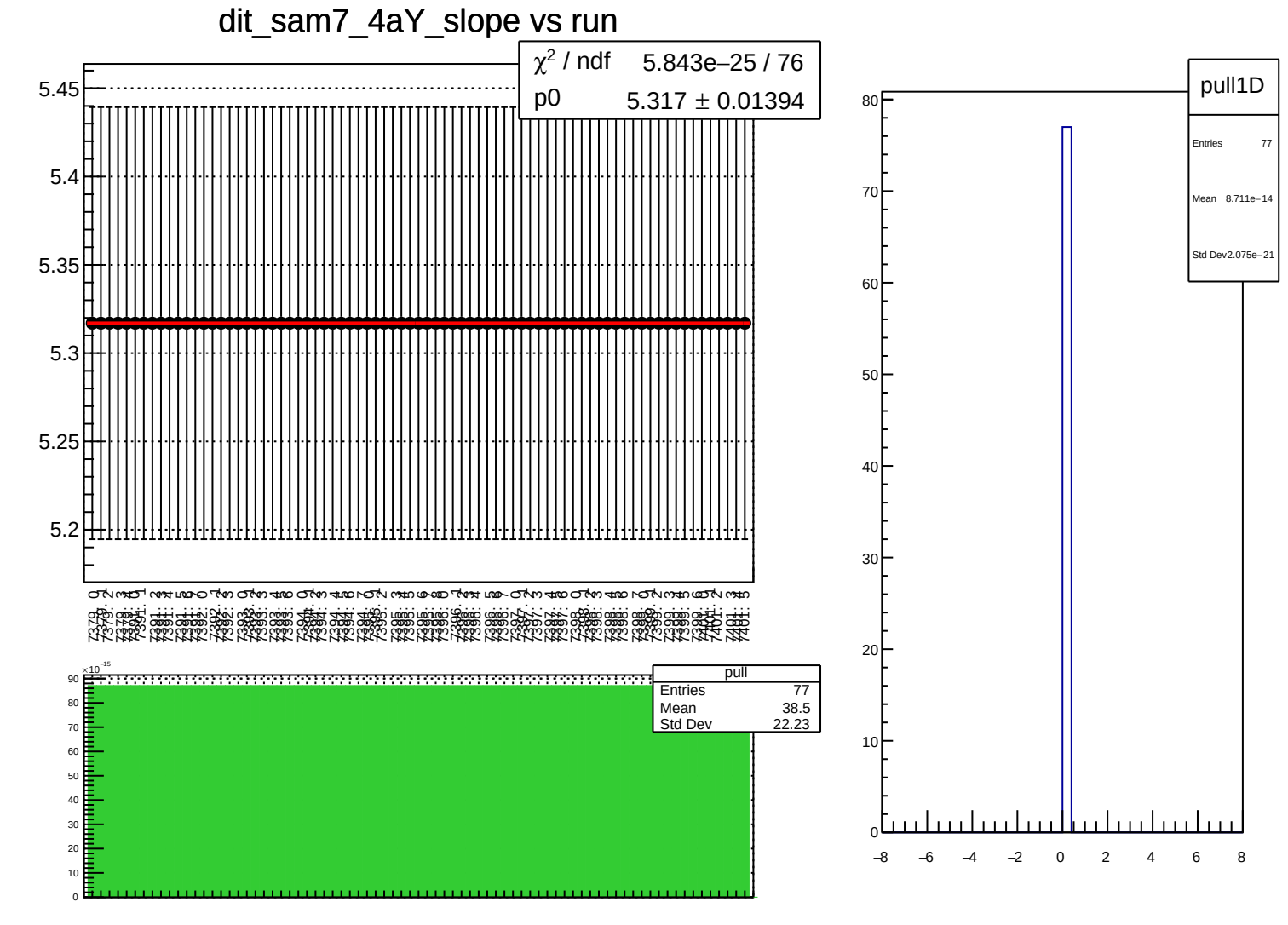

dit_sam6_4eY_slope vs run
χ² / ndf 6.739e−26 / 76
p0 119.1 ± 0.05474
119.6
119.4
119.2
119
118.8
118.6
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
30
25
20
15
10
5
0
pull1D
Entries 77
Mean 2.958e−14
Std Dev 5.989e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

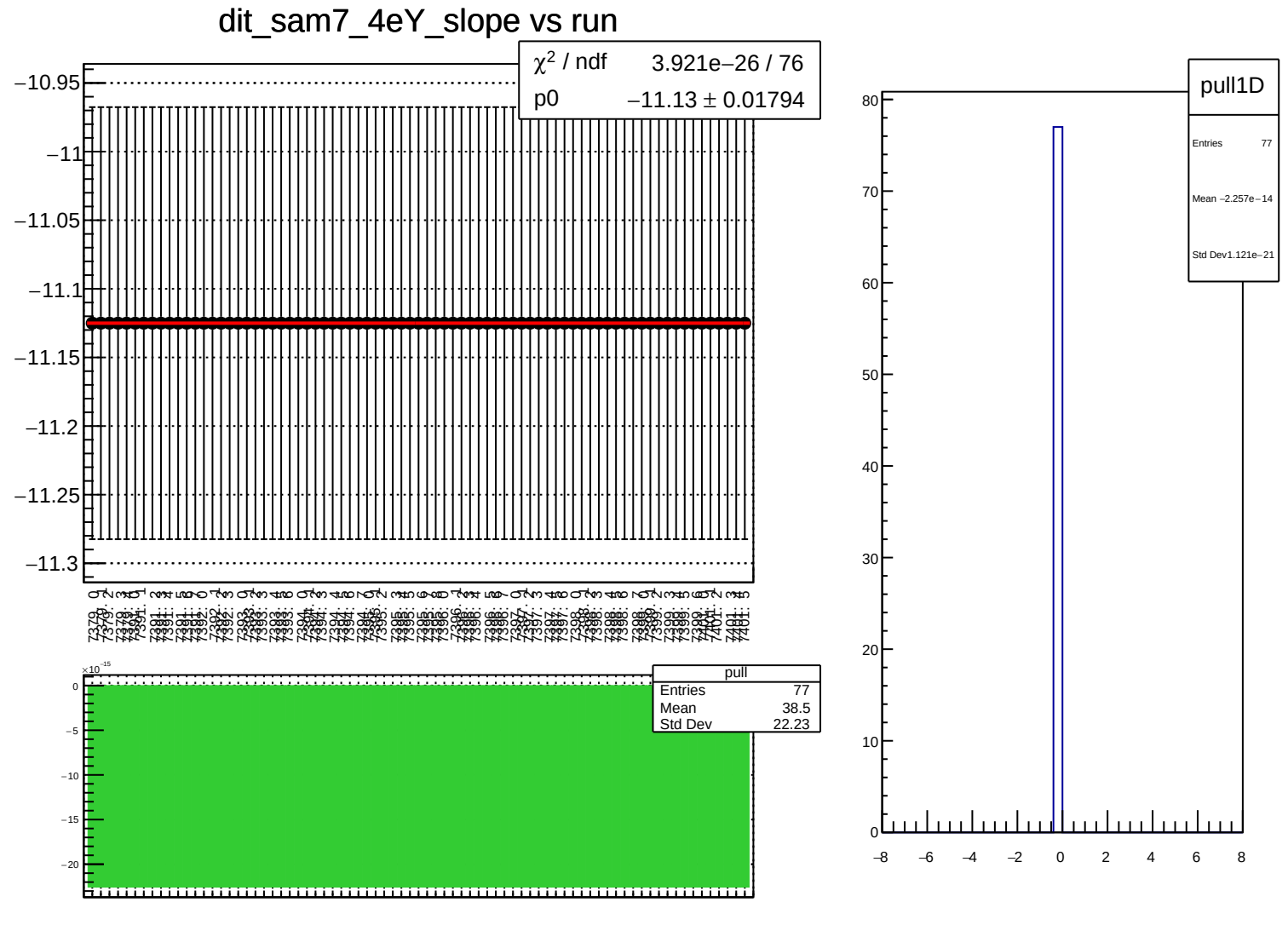

dit_sam7_4aX_slope vs run
χ² / ndf 5.308e−27 / 76
p0 41.32 ± 0.09753
42.2
42
41.8
41.6
41.4
41.2
41
40.8
40.6
40.4
×10⁻¹⁵
0
−1
−2
−3
−4
−5
−6
−7
−8
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −8.303e−15
Std Dev 2.801e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

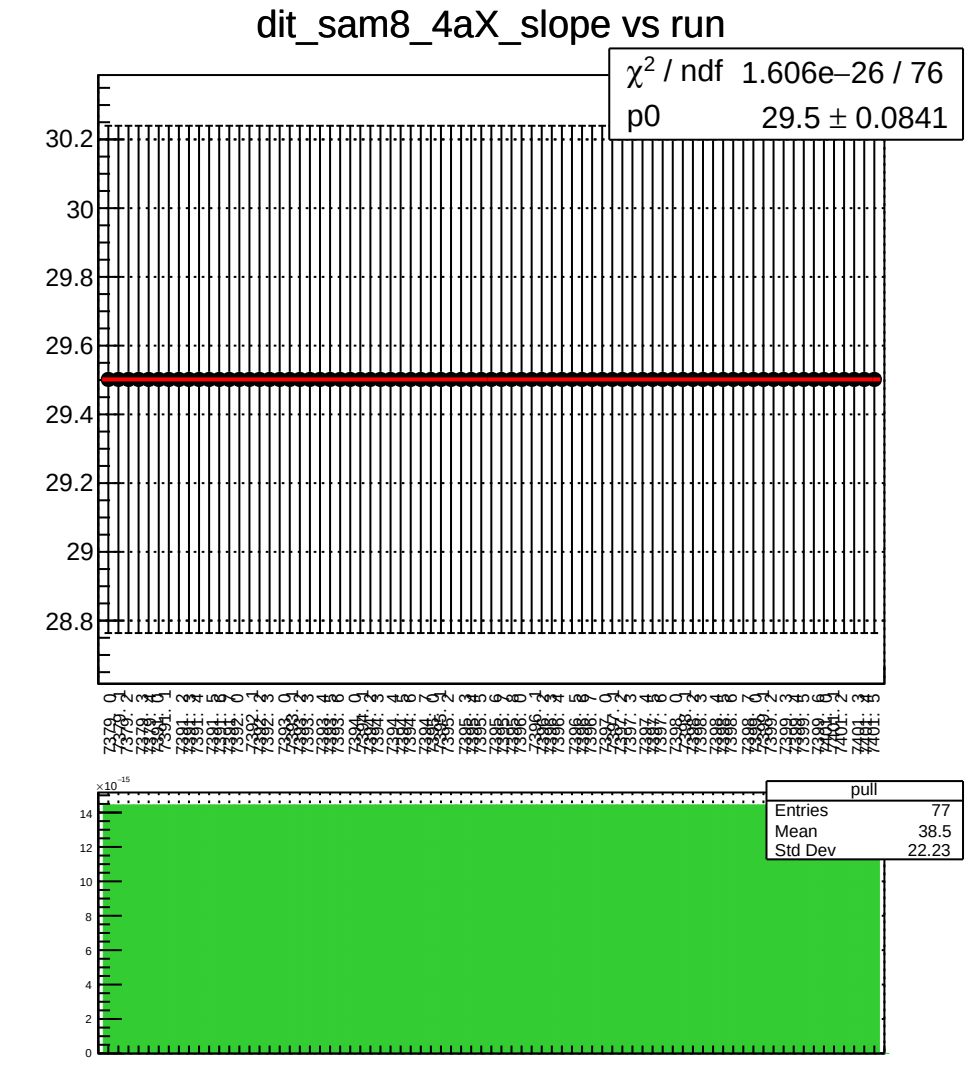

dit_sam7_4eX_slope vs run
χ^2 / ndf 1.44e−25 / 76
p0 −75.95 ± 0.1123
−75
−75.5
−76
−76.5
−77
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −4.325e−14
Std Dev 5.989e−22

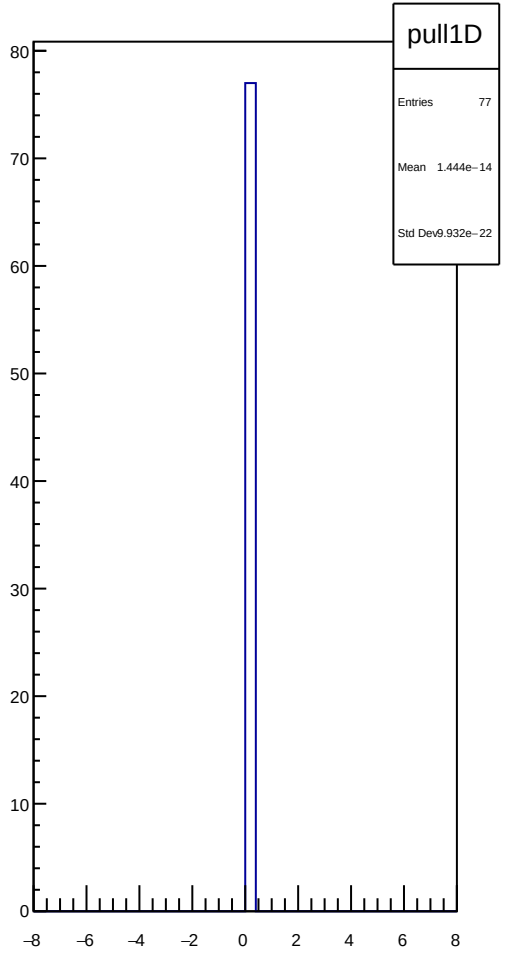

dit_sam7_11X12X_slope vs run
χ² / ndf 6.672e−27 / 76
p0 0.422 ± 0.005437
0.46
0.44
0.42
0.4
0.38
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵

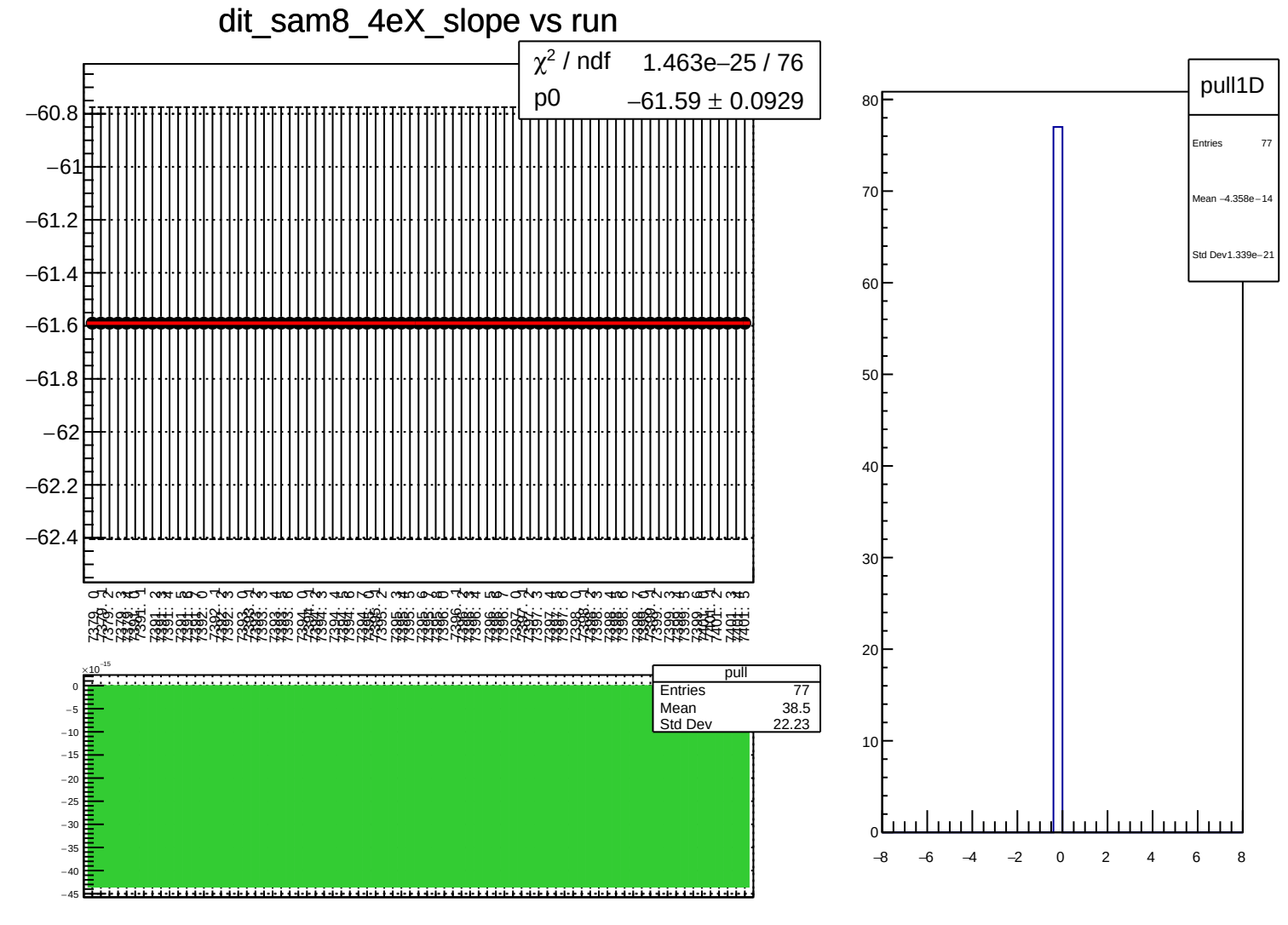

pull1D
Entries 77
Mean 9.309e−15
Std Dev 2.118e−22

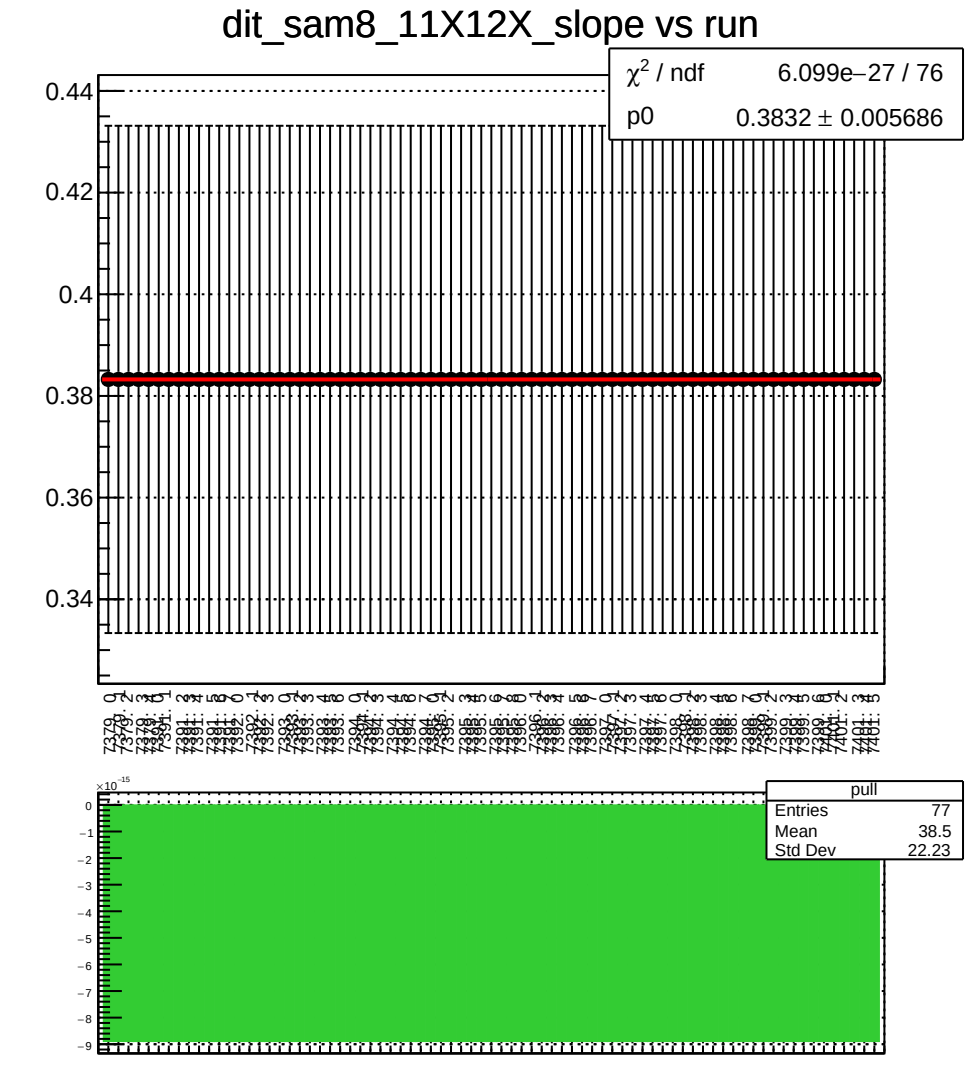

dit_sam7_4aY_slope vs run
χ² / ndf 5.843e−25 / 76
p0 5.317 ± 0.01394
5.45
5.4
5.35
5.3
5.25
5.2
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
90
80
70
60
50
40
30
20
10
0
pull1D
Entries 77
Mean 8.711e−14
Std Dev2.075e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

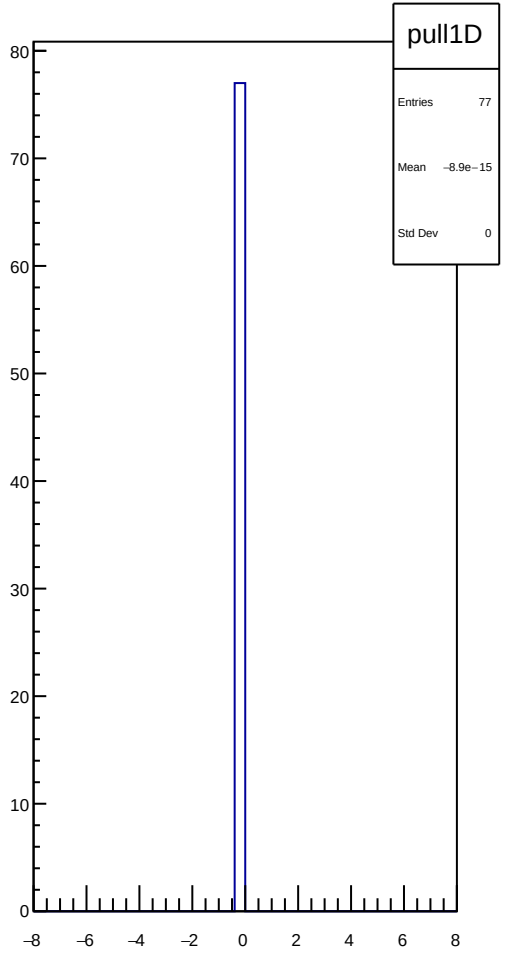

dit_sam7_4eY_slope vs run
χ² / ndf 3.921e−26 / 76
p0 −11.13 ± 0.01794
−10.95
−11
−11.05
−11.1
−11.15
−11.2
−11.25
−11.3
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−5
−10
−15
−20
pull1D
Entries 77
Mean −2.257e−14
Std Dev1.121e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

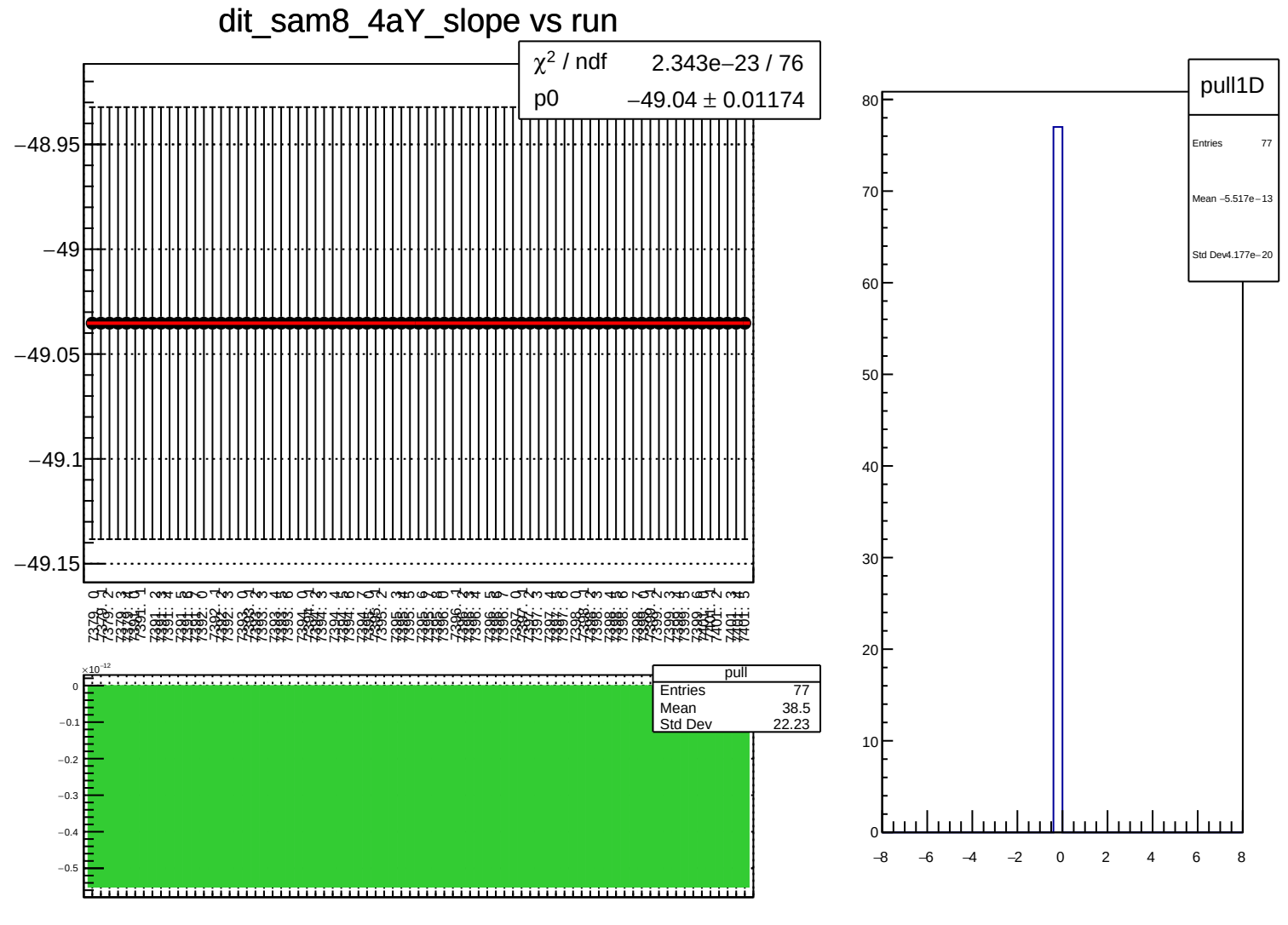

dit_sam8_4aX_slope vs run
χ^2 / ndf 1.606e−26 / 76
p0 29.5 ± 0.0841
30.2
30
29.8
29.6
29.4
29.2
29
28.8
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
14
12
10
8
6
4
2
0

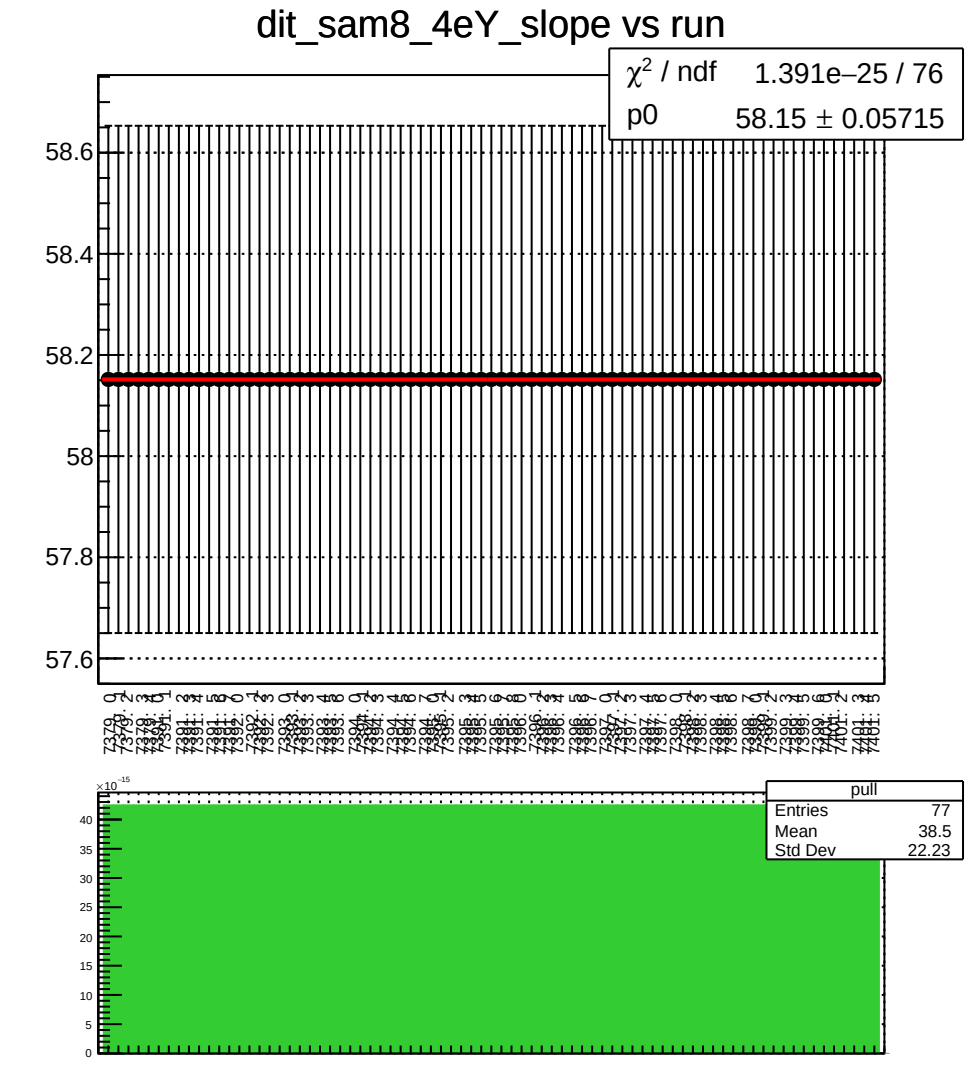

pull1D
Entries 77
Mean 1.444e−14
Std Dev 9.932e−22
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70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

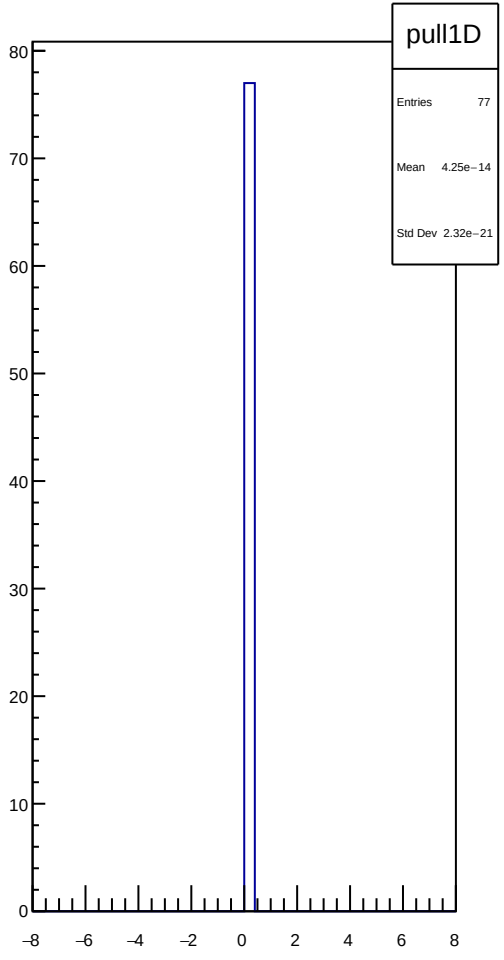

dit_sam8_4eX_slope vs run
χ² / ndf 1.463e−25 / 76
p0 −61.59 ± 0.0929
−60.8
−61
−61.2
−61.4
−61.6
−61.8
−62
−62.2
−62.4
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
−40
−45
pull1D
Entries 77
Mean −4.358e−14
Std Dev1.339e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

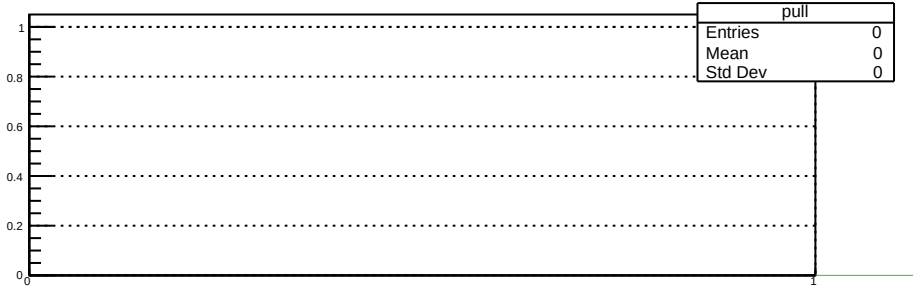

dit_sam8_11X12X_slope vs run
χ^2 / ndf 6.099e−27 / 76
p0 0.3832 ± 0.005686
0.44
0.42
0.4
0.38
0.36
0.34
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10^-15
0
−1
−2
−3
−4
−5
−6
−7
−8
−9

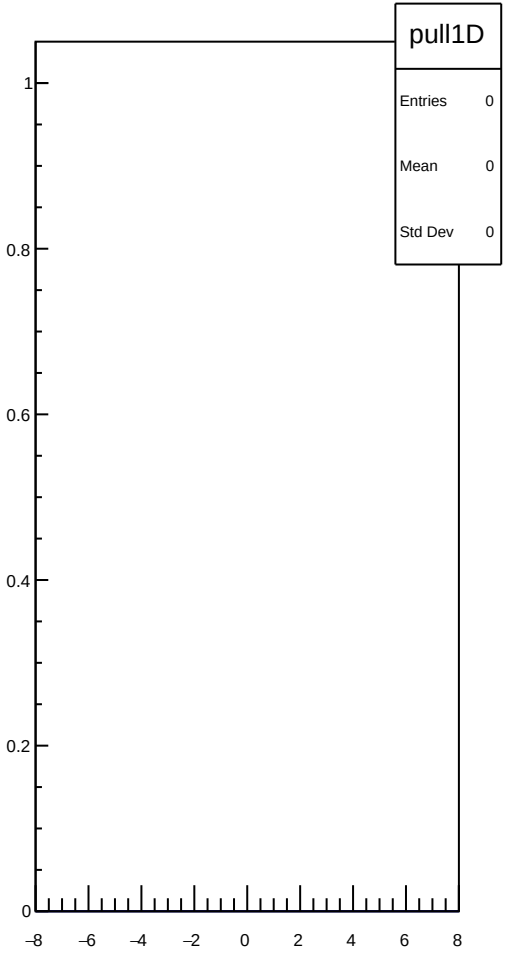

pull1D
Entries 77
Mean −8.9e−15
Std Dev 0
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

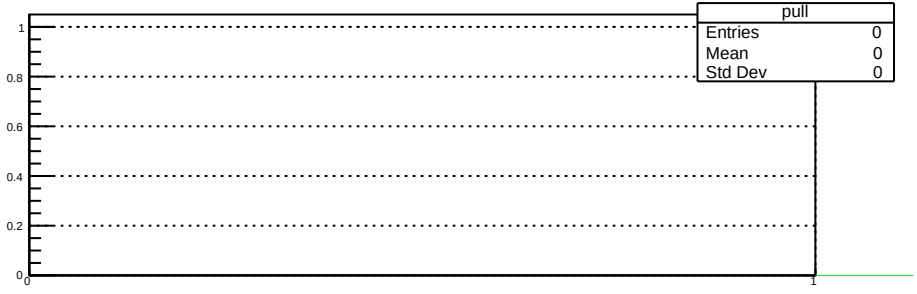

dit_sam8_4aY_slope vs run
χ² / ndf 2.343e−23 / 76
p0 −49.04 ± 0.01174
−48.95
−49
−49.05
−49.1
−49.15
pull
Entries 77
Mean 38.5
Std Dev 22.23
pull1D
Entries 77
Mean −5.517e−13
Std Dev4.177e−20

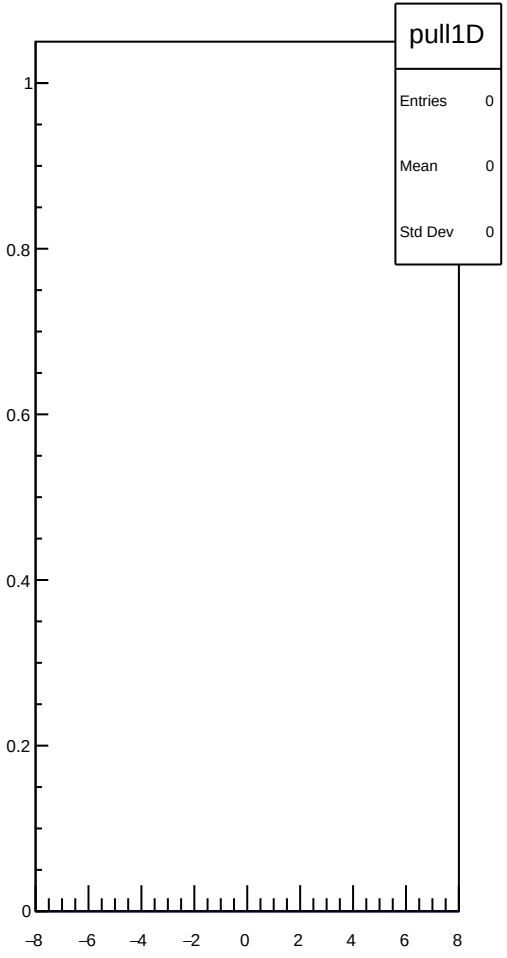

dit_sam8_4eY_slope vs run
χ² / ndf 1.391e−25 / 76
p0 58.15 ± 0.05715
58.6
58.4
58.2
58
57.8
57.6
pull
Entries 77
Mean 38.5
Std Dev 22.23
×10⁻¹⁵
40
35
30
25
20
15
10
5
0

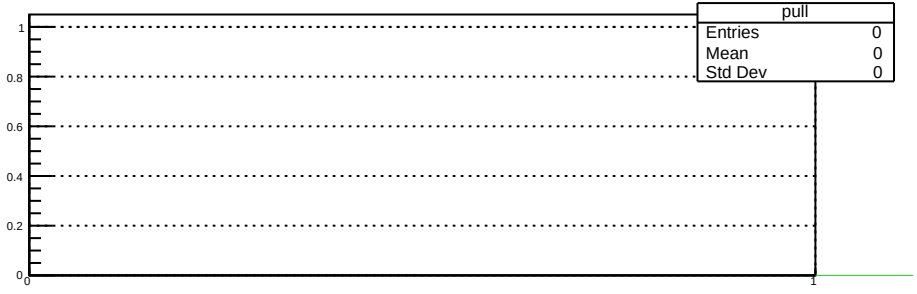

pull1D
Entries 77
Mean 4.25e−14
Std Dev 2.32e−21
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70
60
50
40
30
20
10
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−8
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−4
−2
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2
4
6
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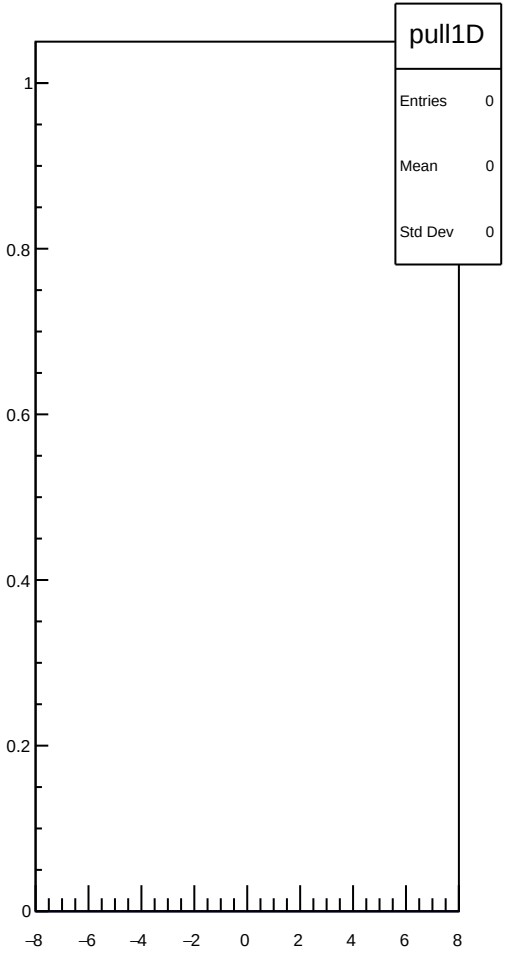

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

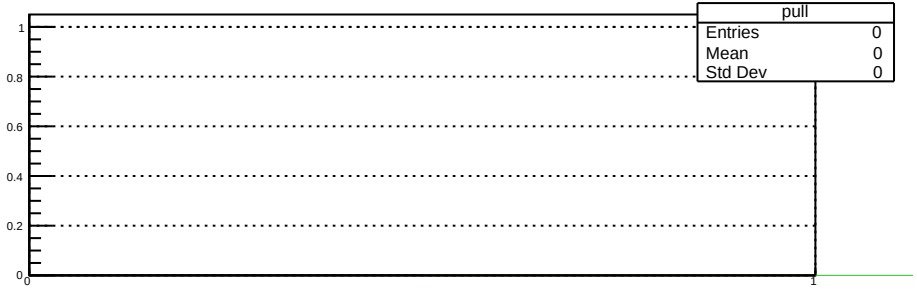

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

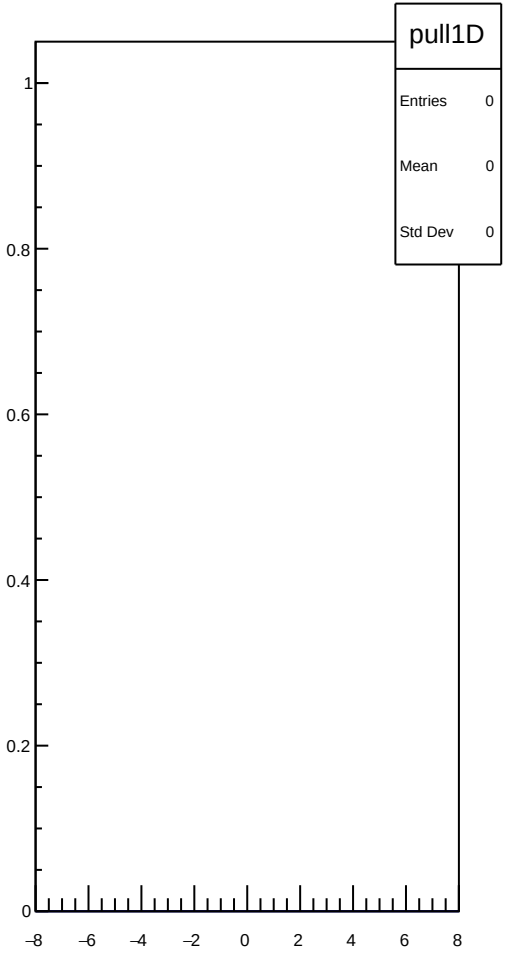

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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0
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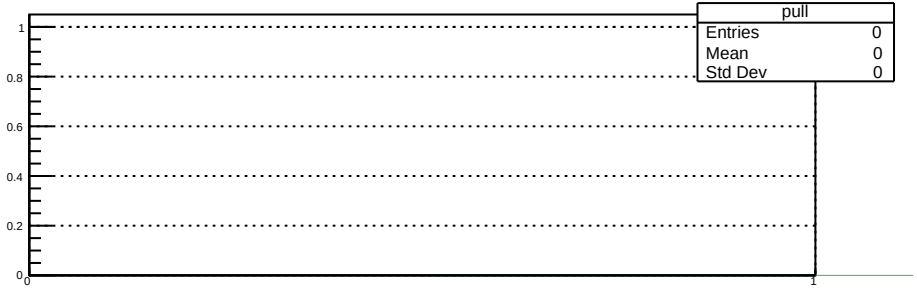

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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–2
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2
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6
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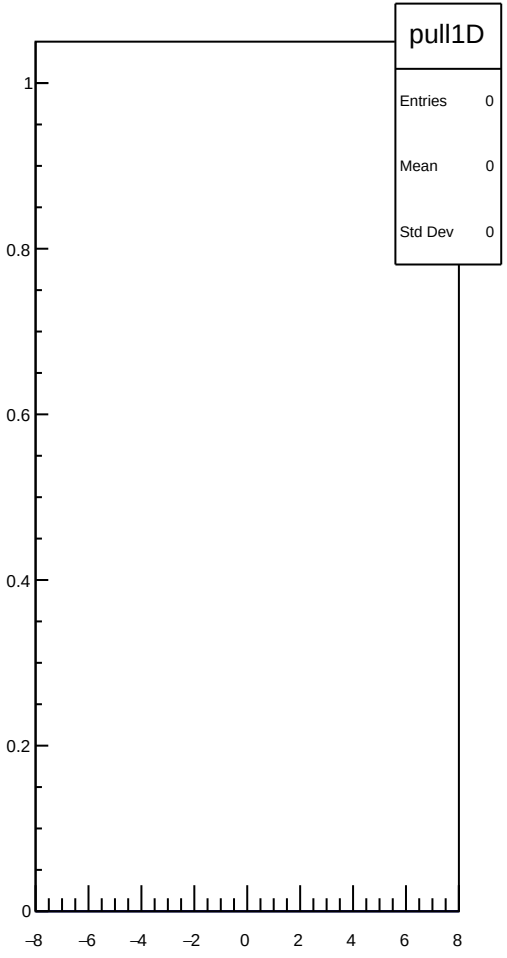

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
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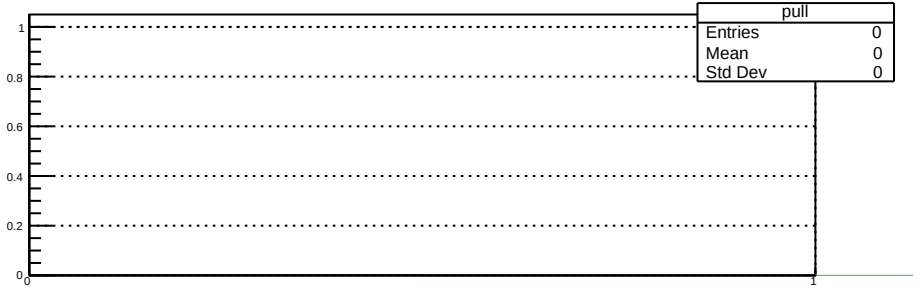

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
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6
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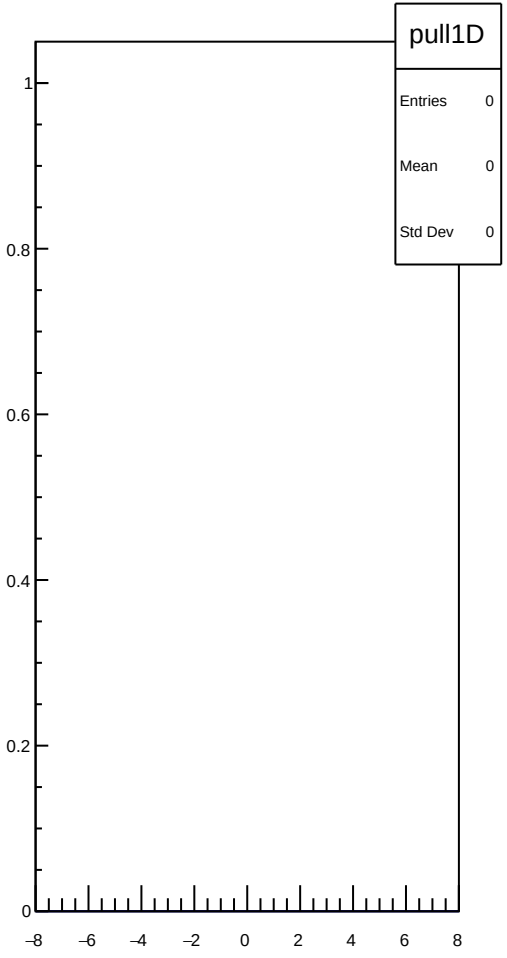

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
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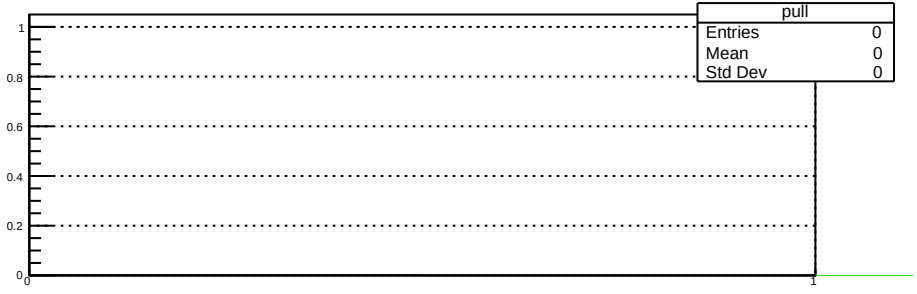

pull1D
Entries 0
Mean 0
Std Dev 0
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0.4
0.2
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–4
–2
0
2
4
6
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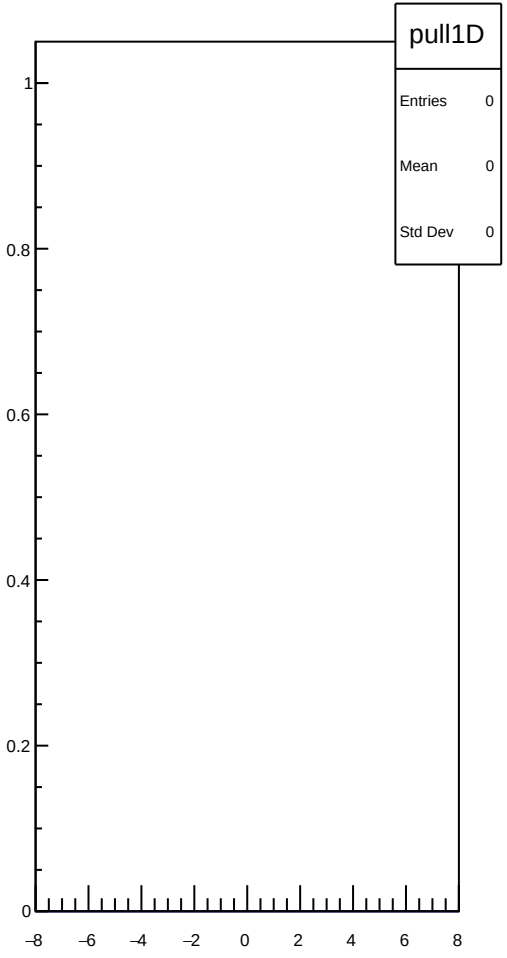

pull
Entries 0
Mean 0
Std Dev 0
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0.4
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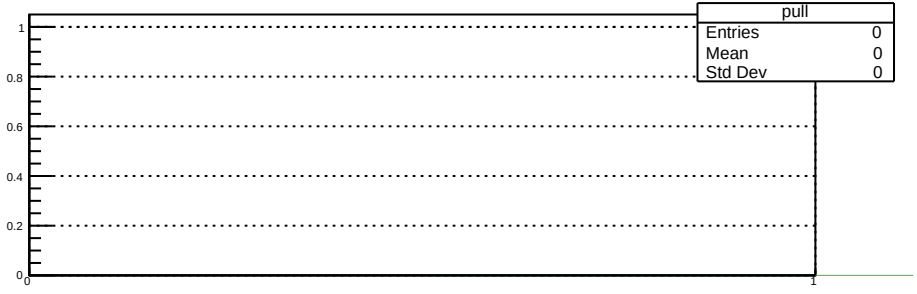

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

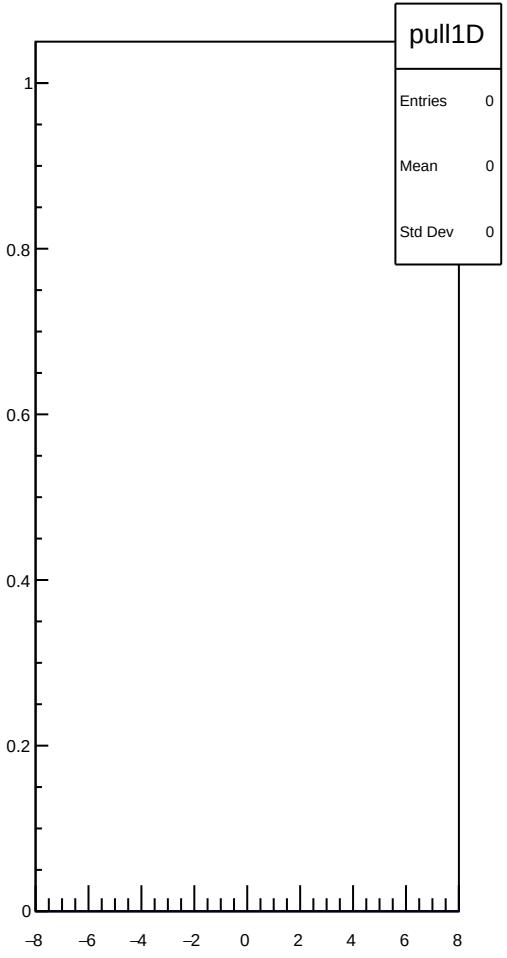

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
0
0
1

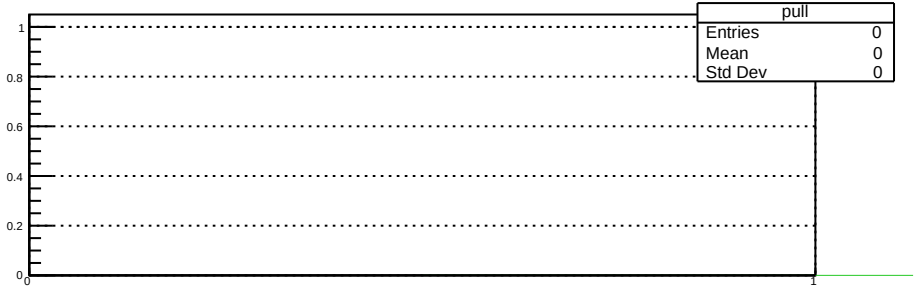

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

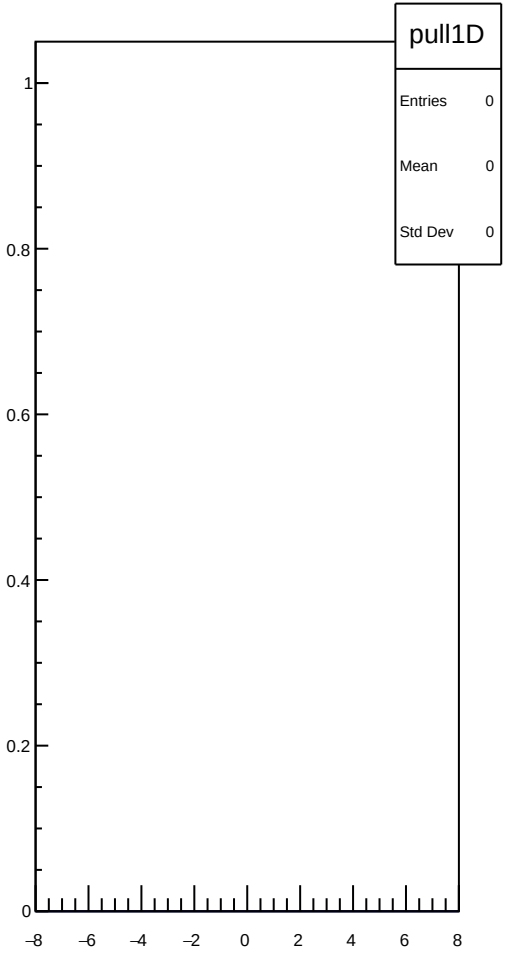

pull
Entries 0
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Std Dev 0
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0.6
0.4
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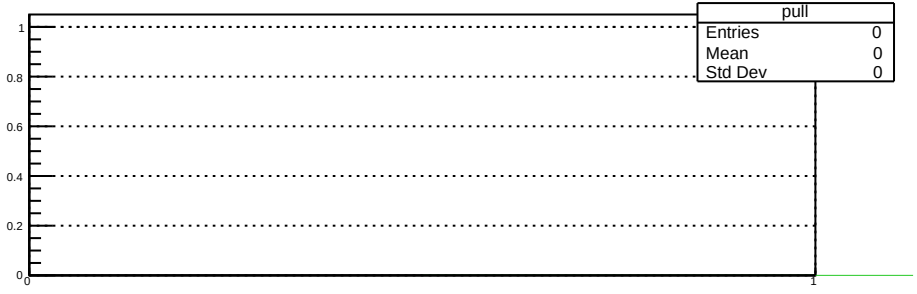

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
0
–8
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–2
0
2
4
6
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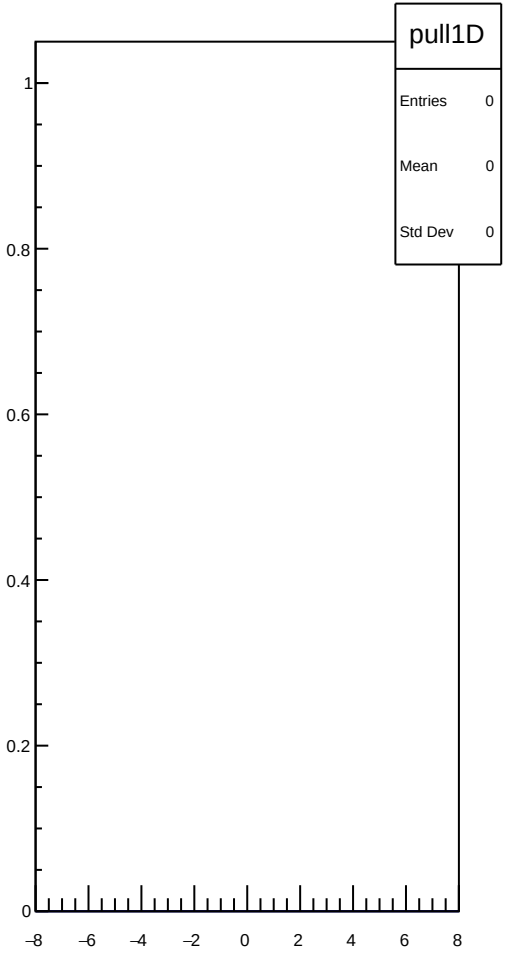

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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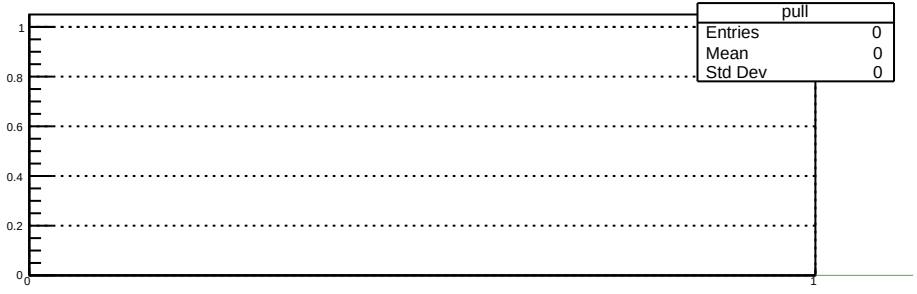

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

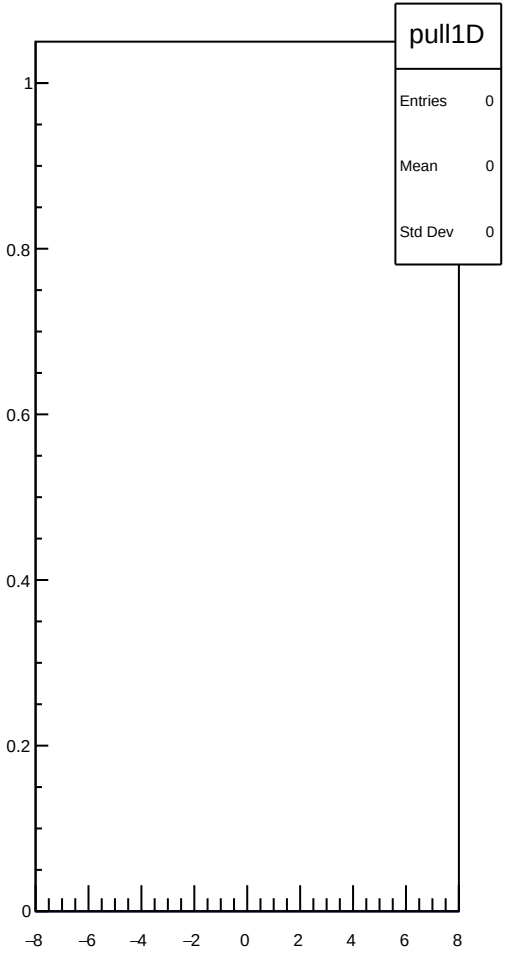

pull
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Mean 0
Std Dev 0
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0.6
0.4
0.2
0
0
1

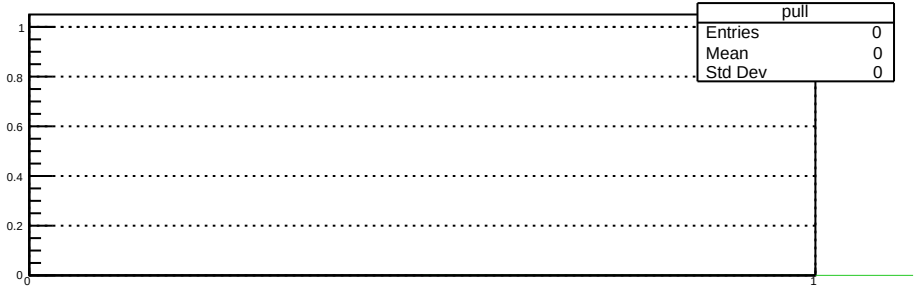

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
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–8
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–2
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2
4
6
8

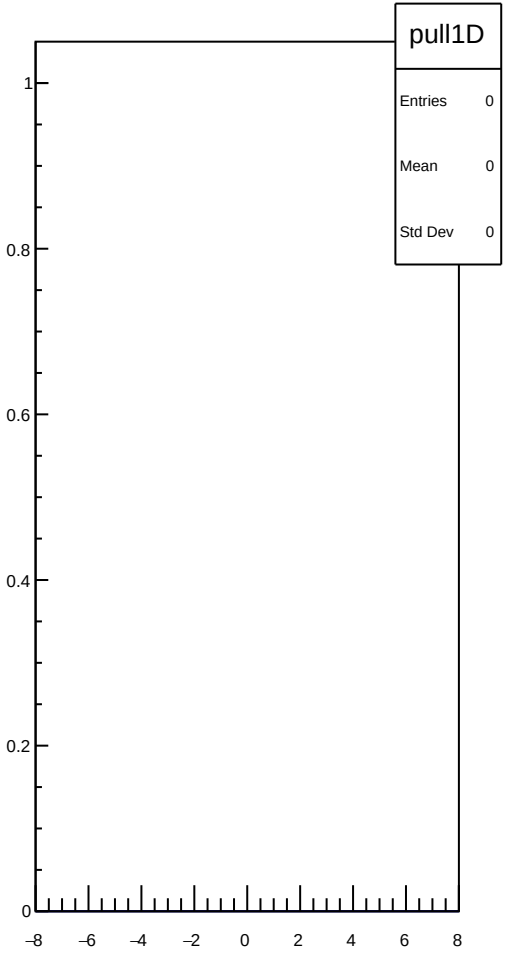

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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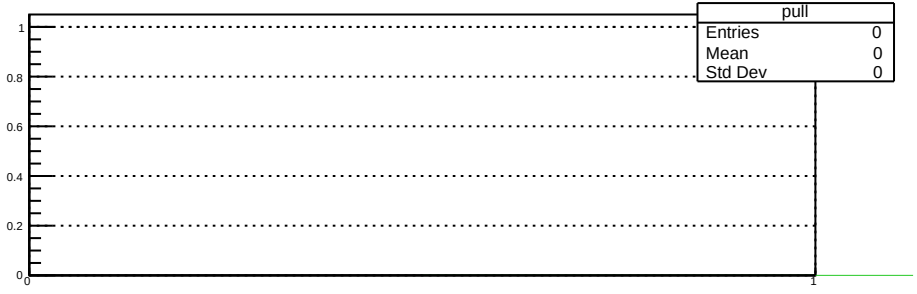

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
0
–8
–6
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2
4
6
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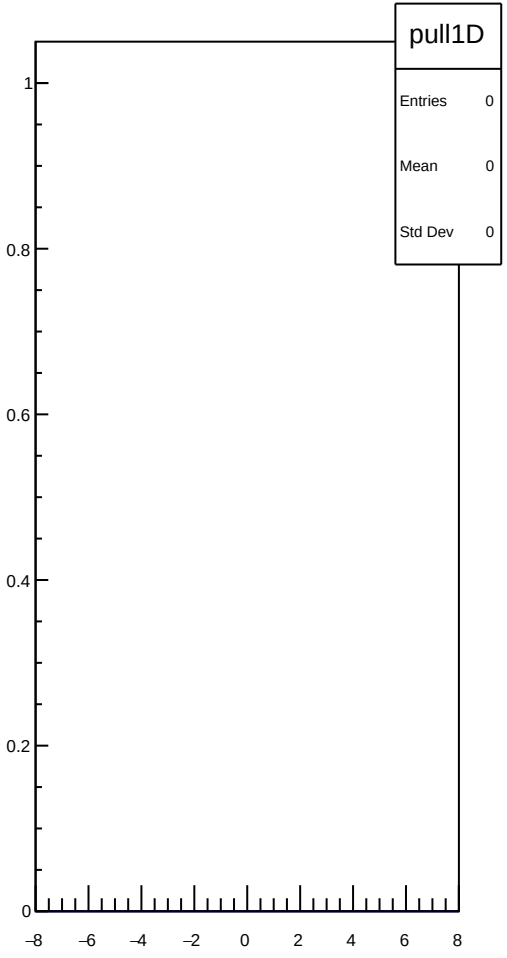

pull
Entries 0
Mean 0
Std Dev 0
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0.8
0.6
0.4
0.2
0
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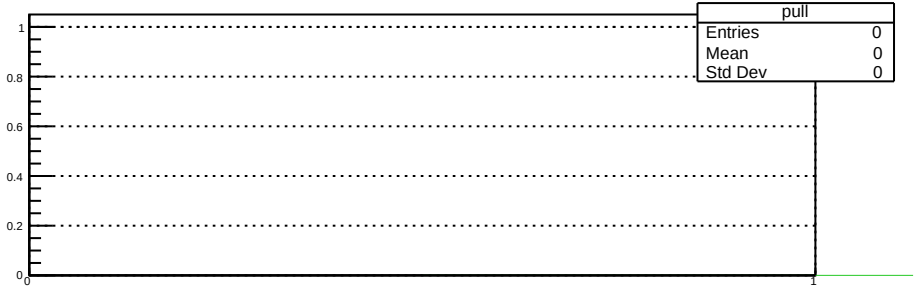

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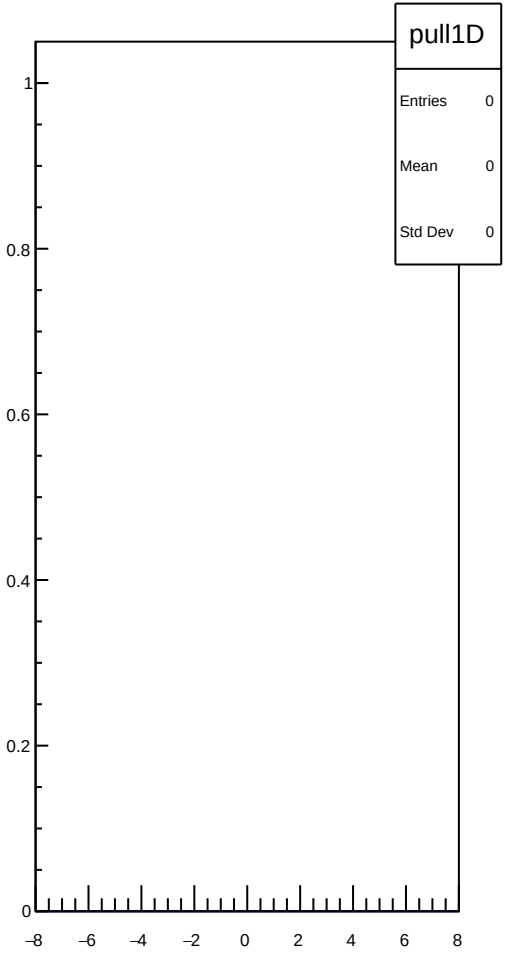

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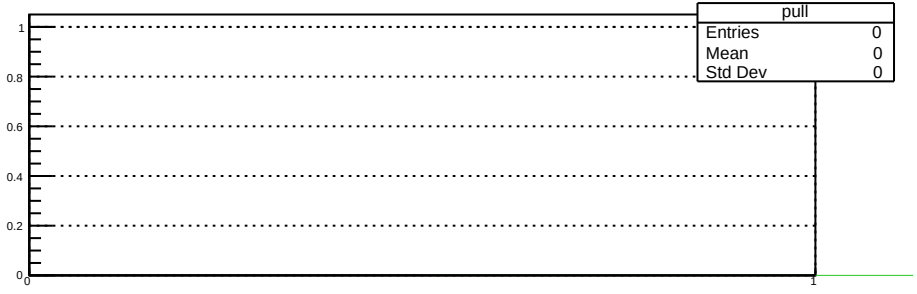

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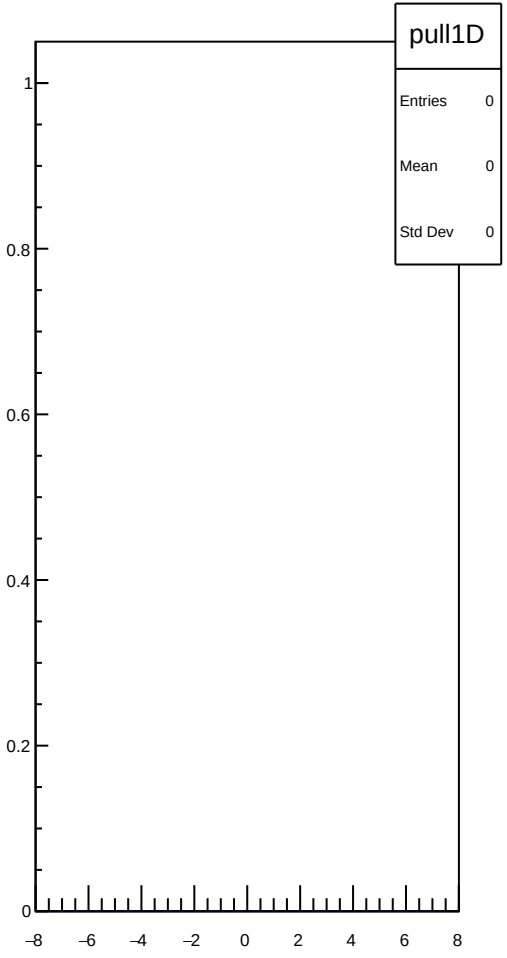

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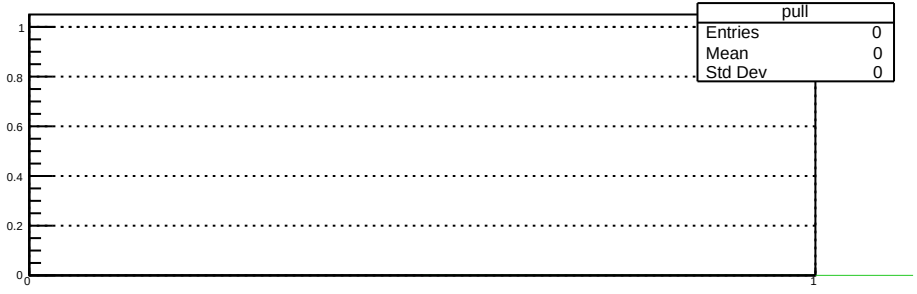

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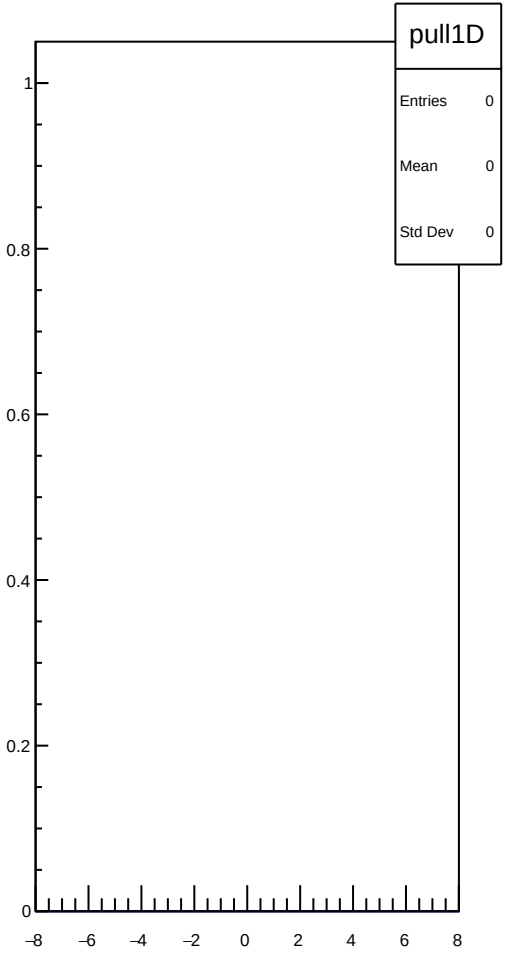

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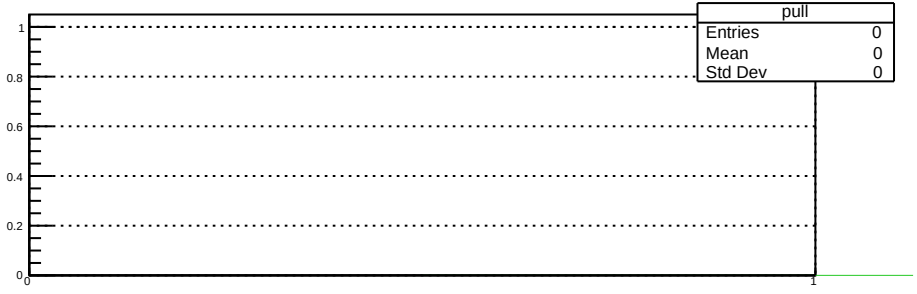

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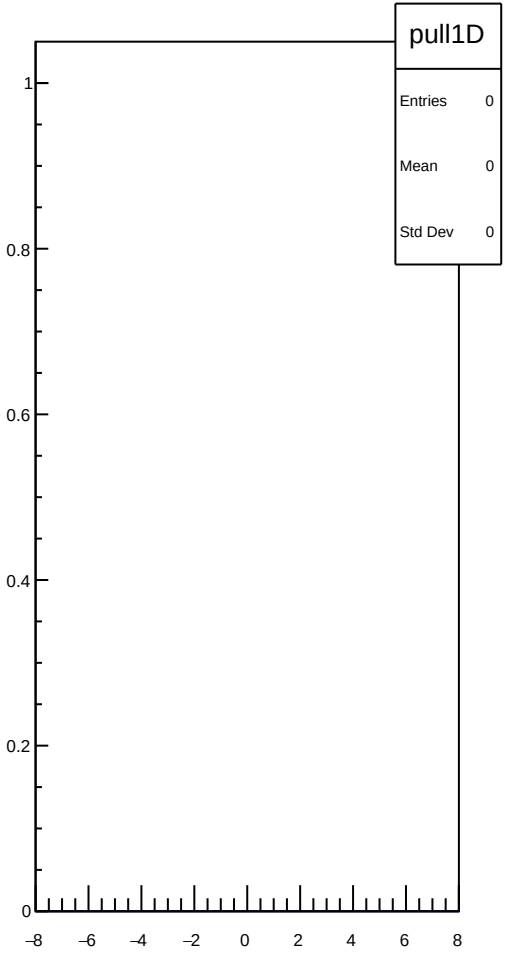

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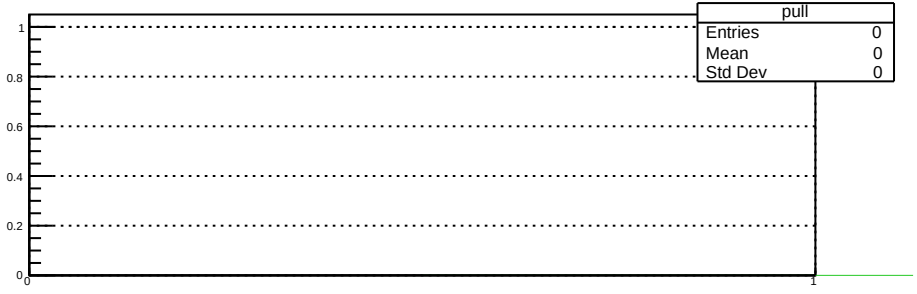

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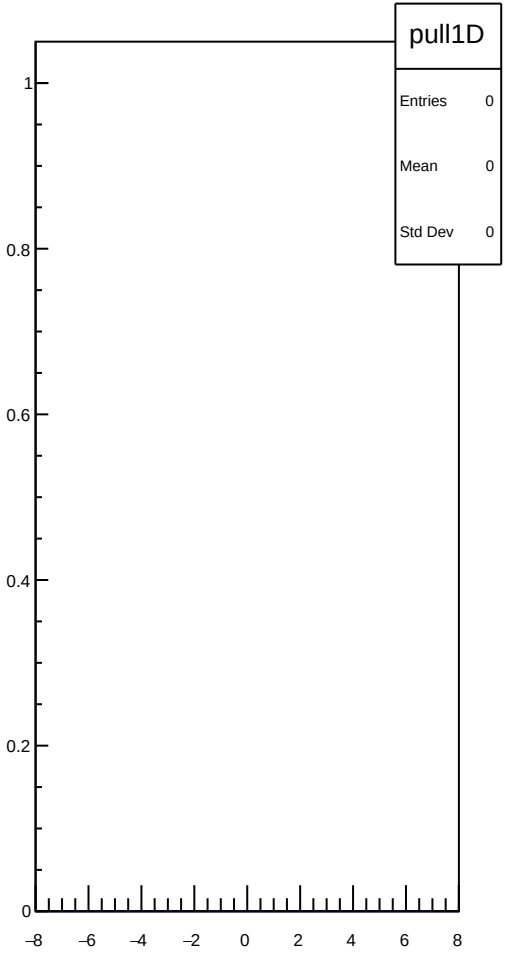

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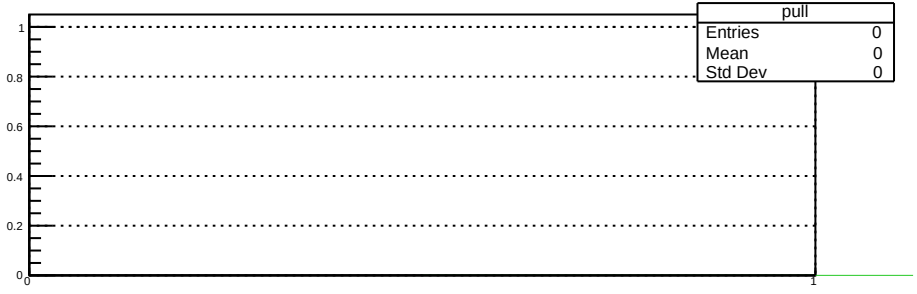

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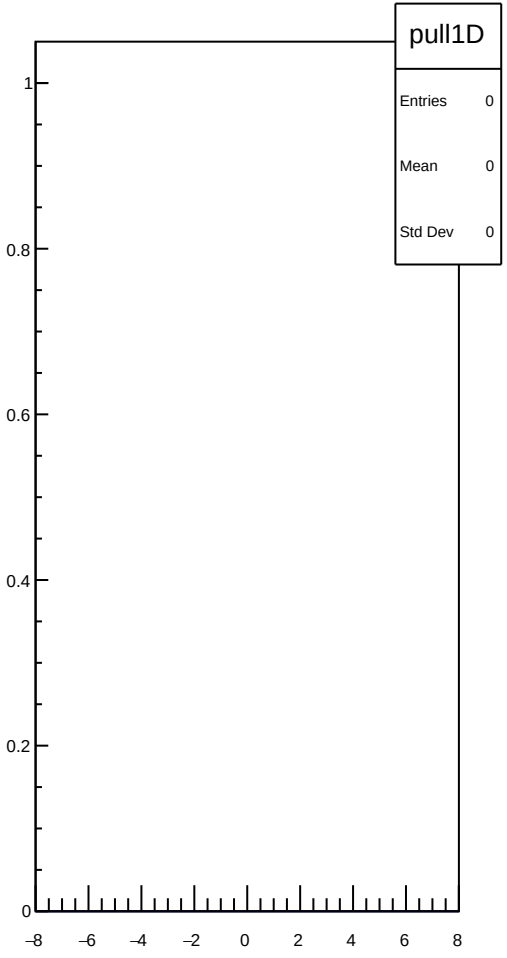

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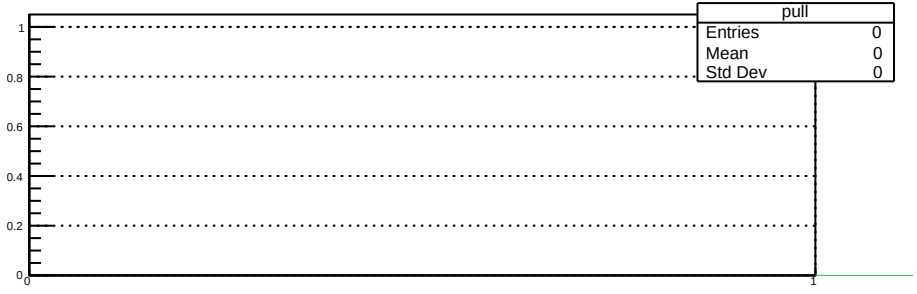

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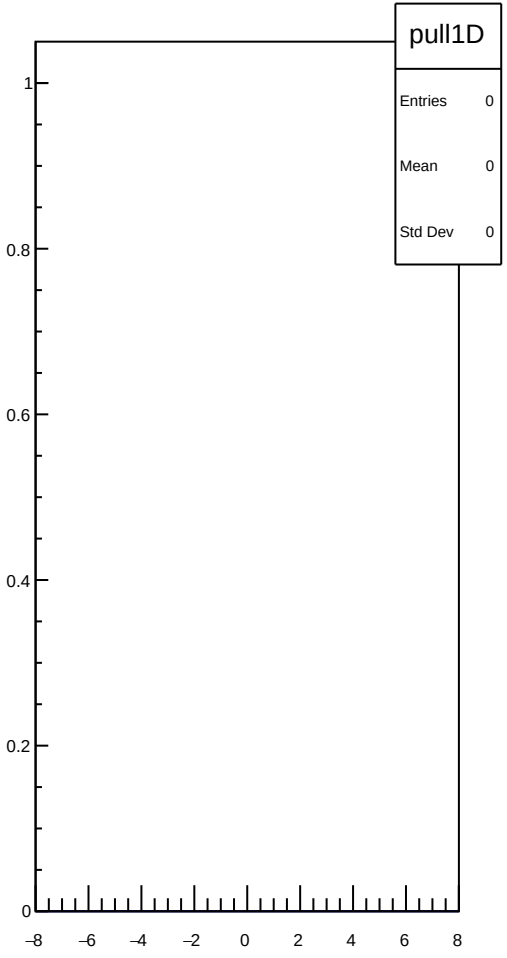

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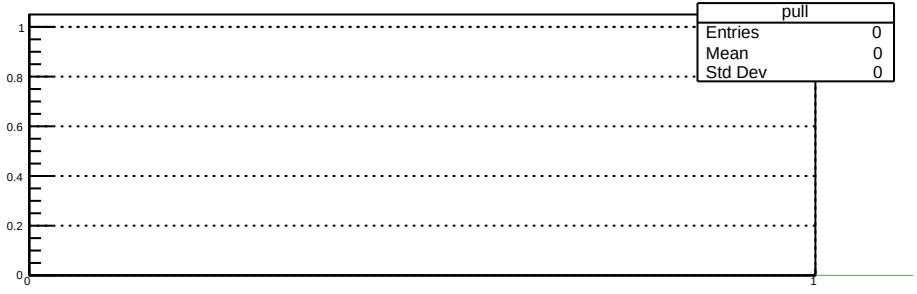

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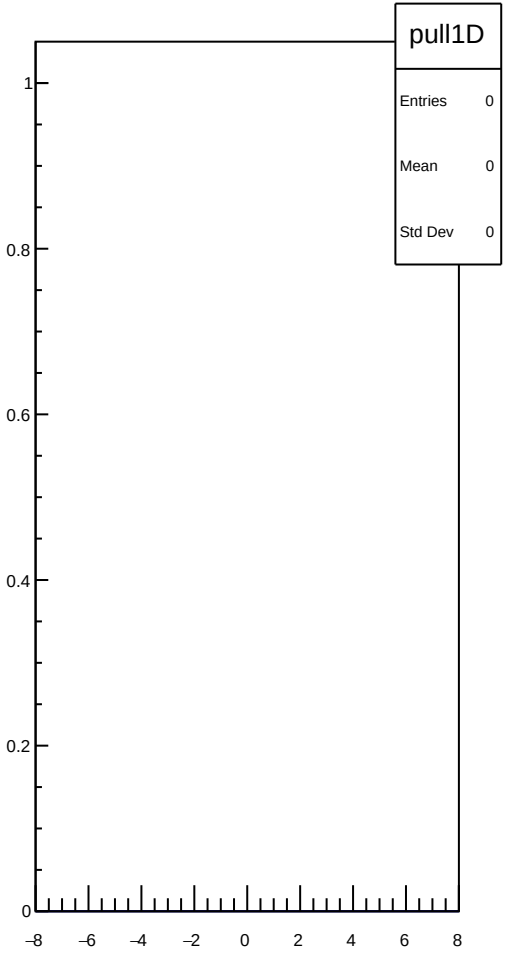

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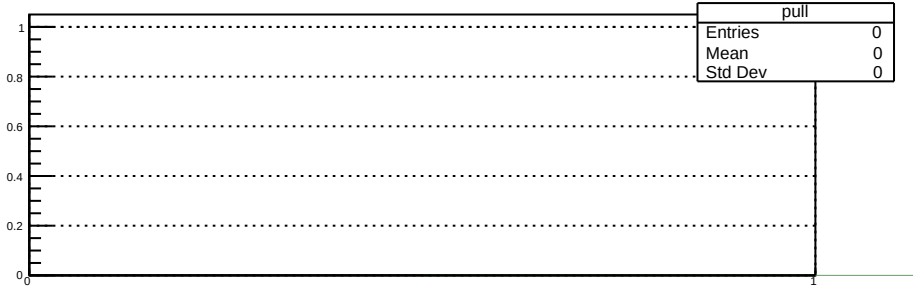

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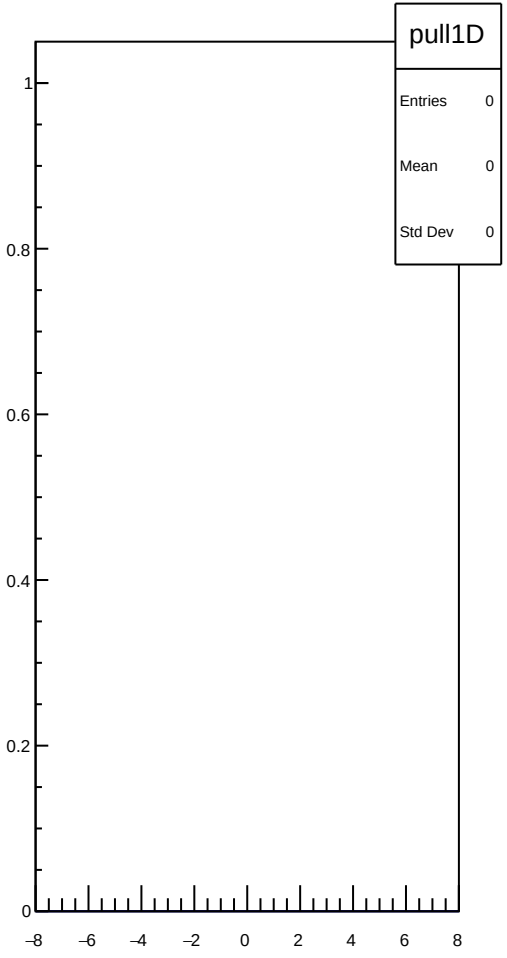

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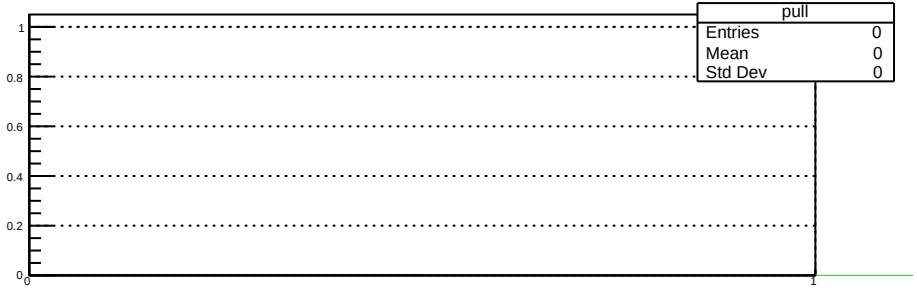

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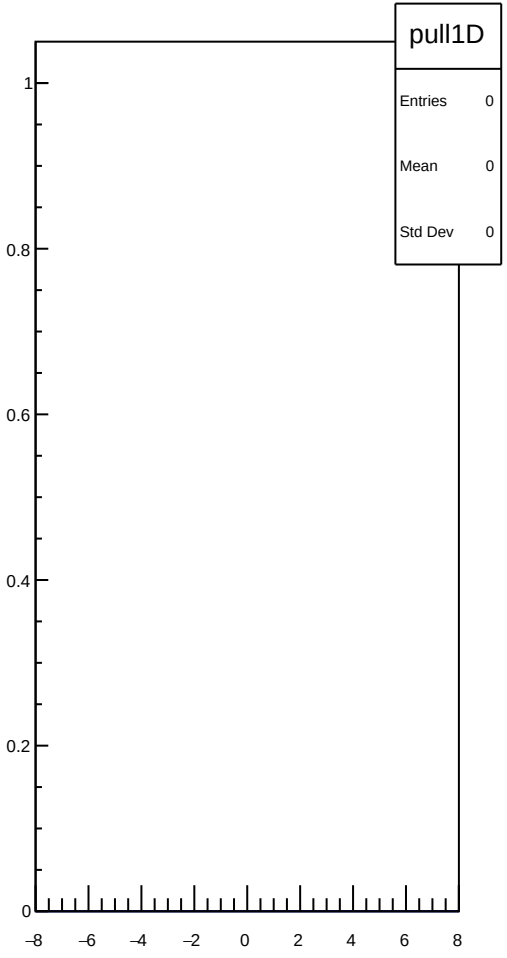

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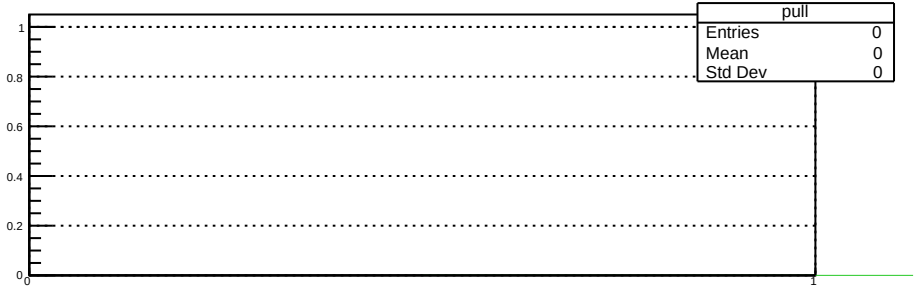

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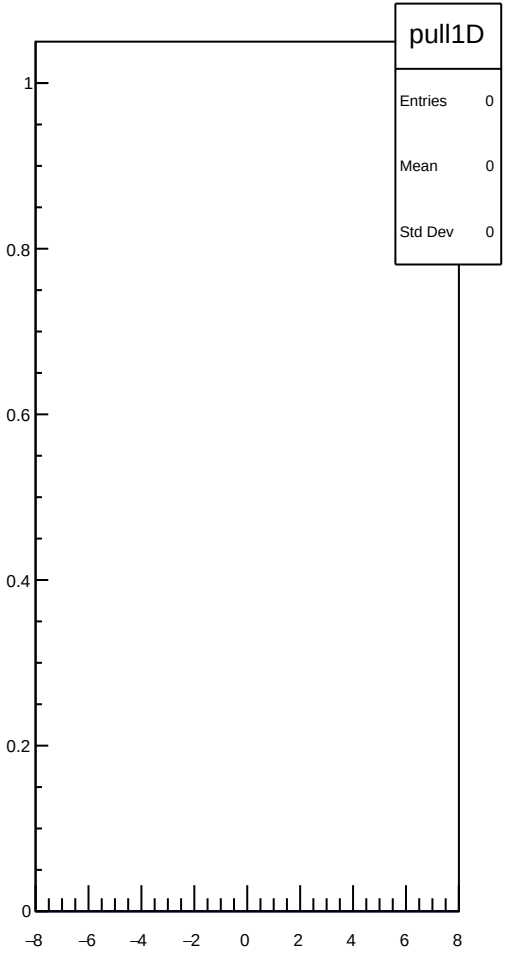

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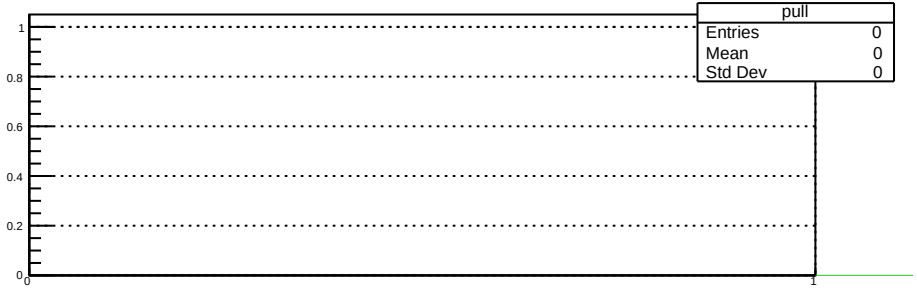

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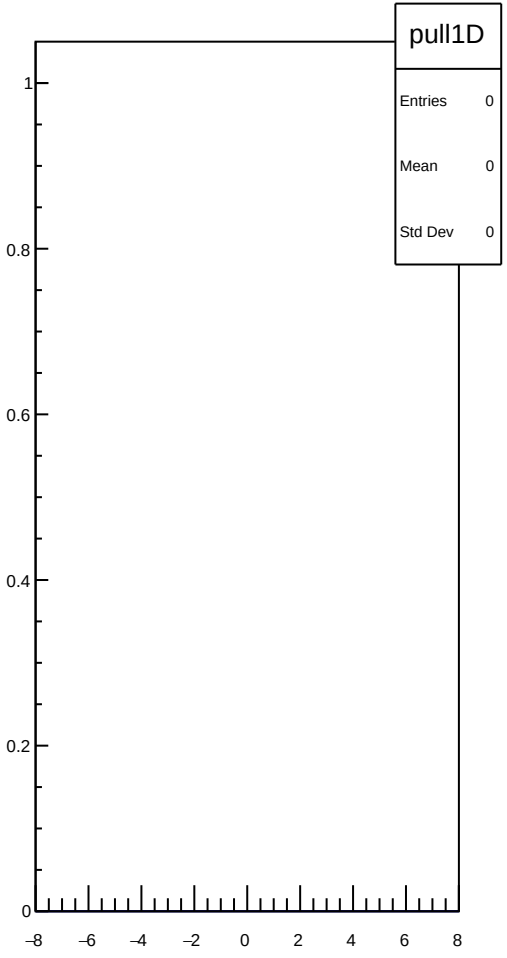

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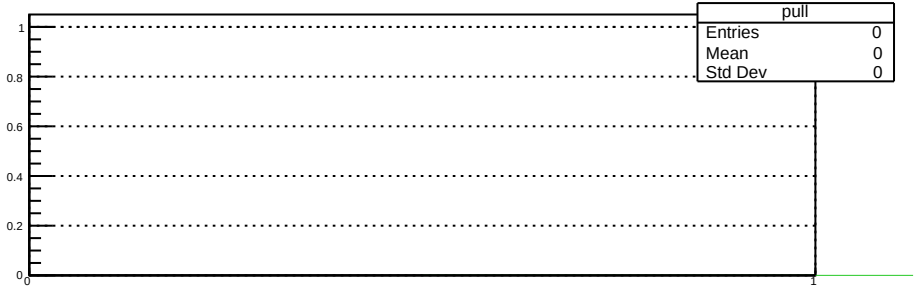

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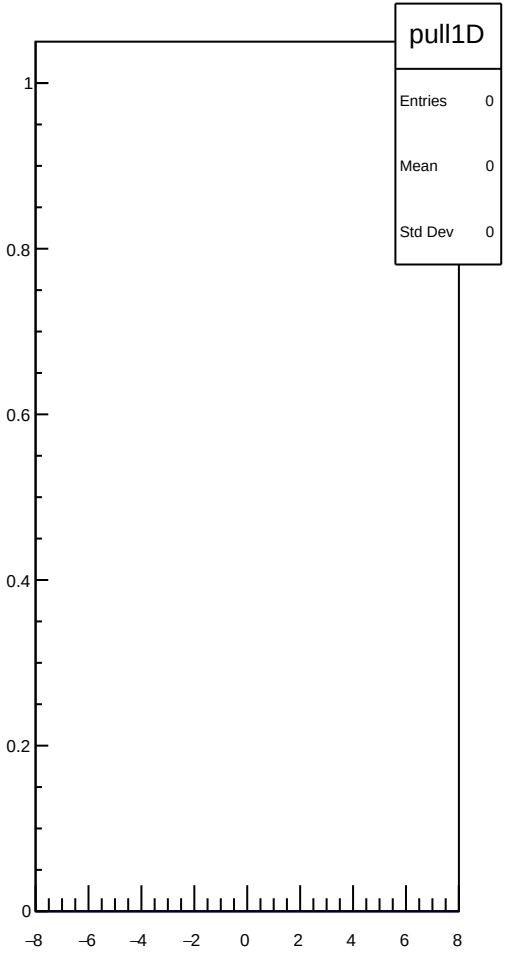

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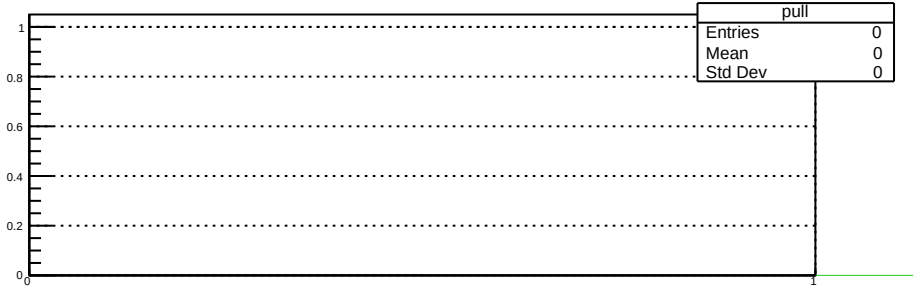

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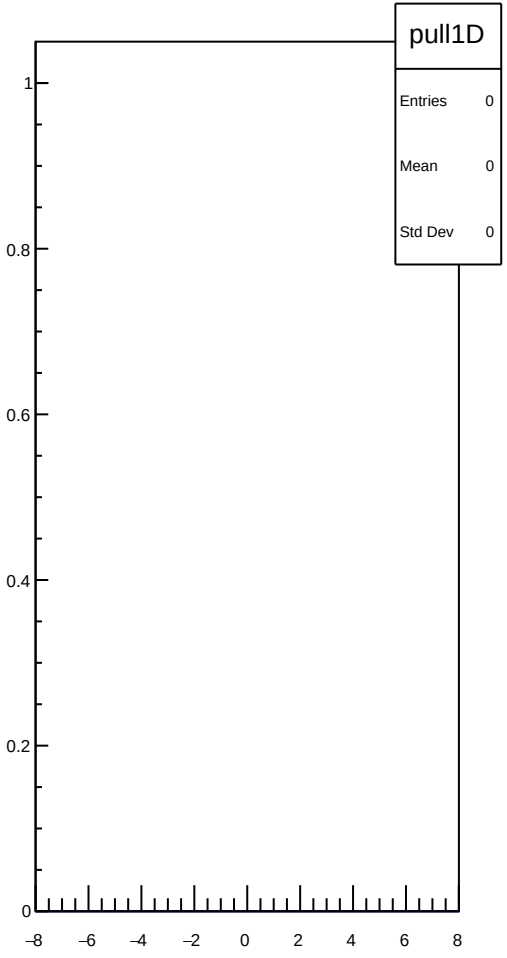

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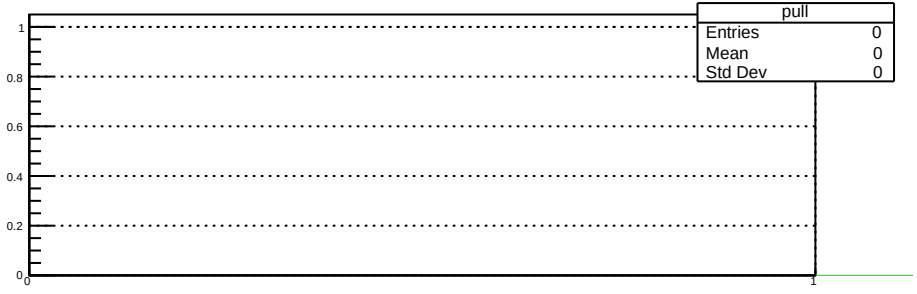

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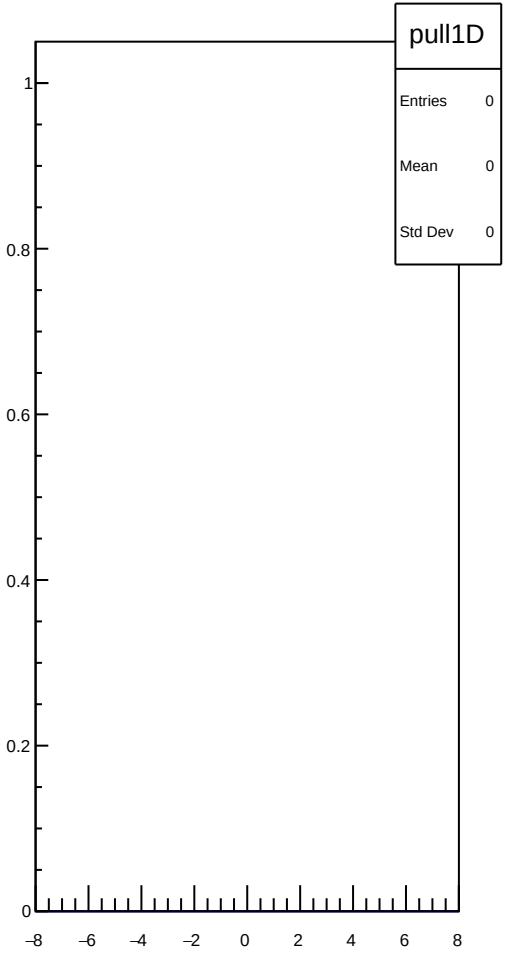

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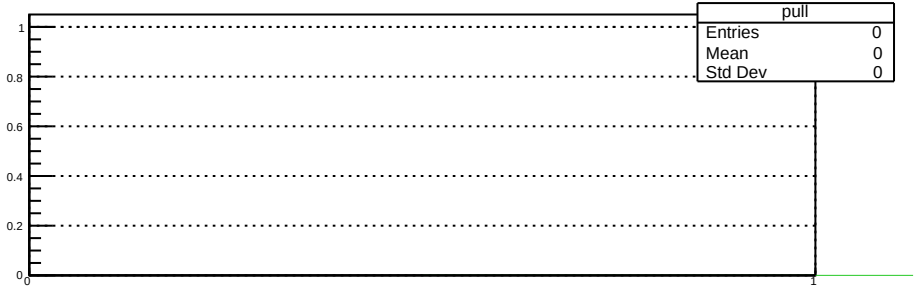

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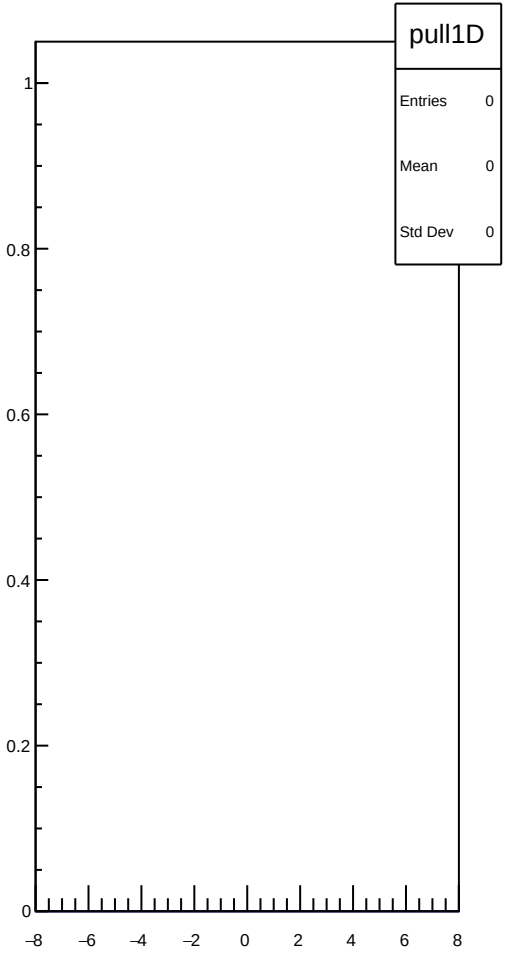

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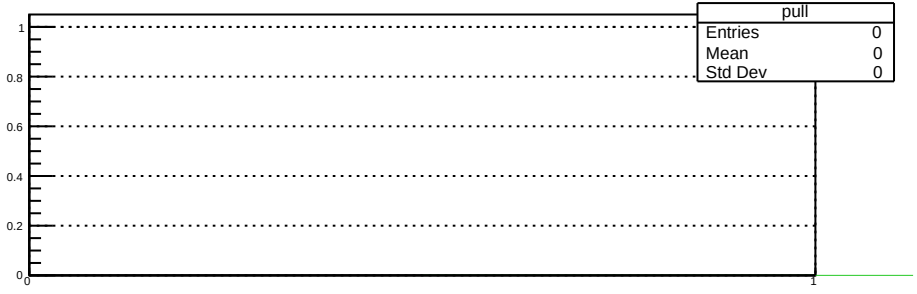

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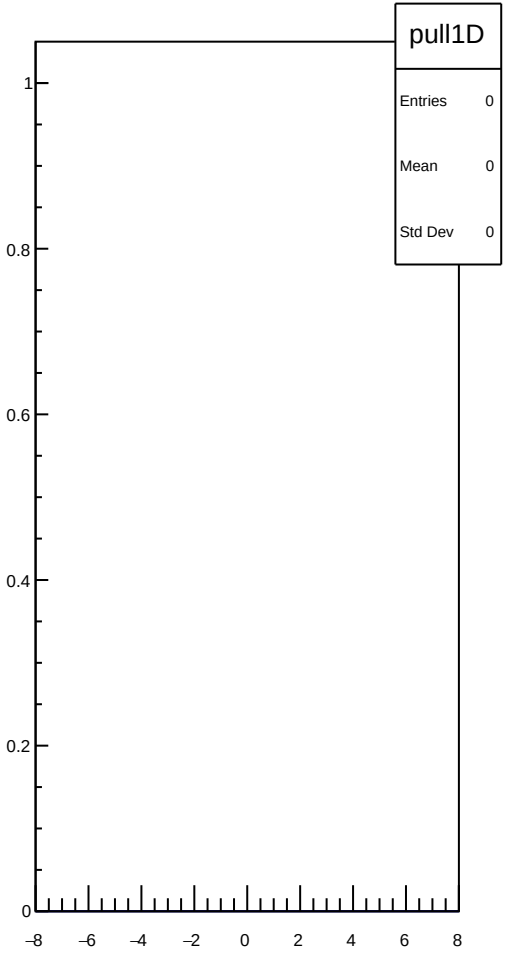

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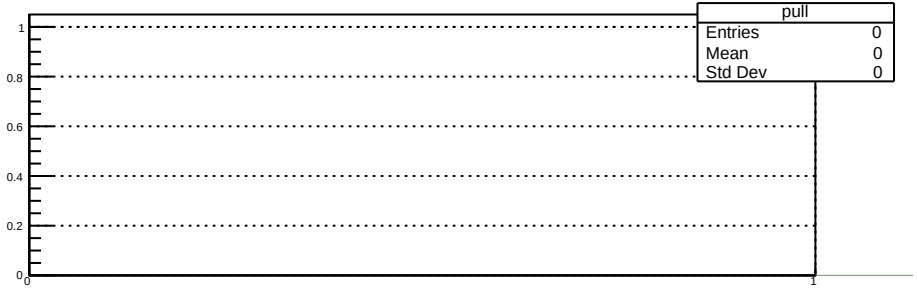

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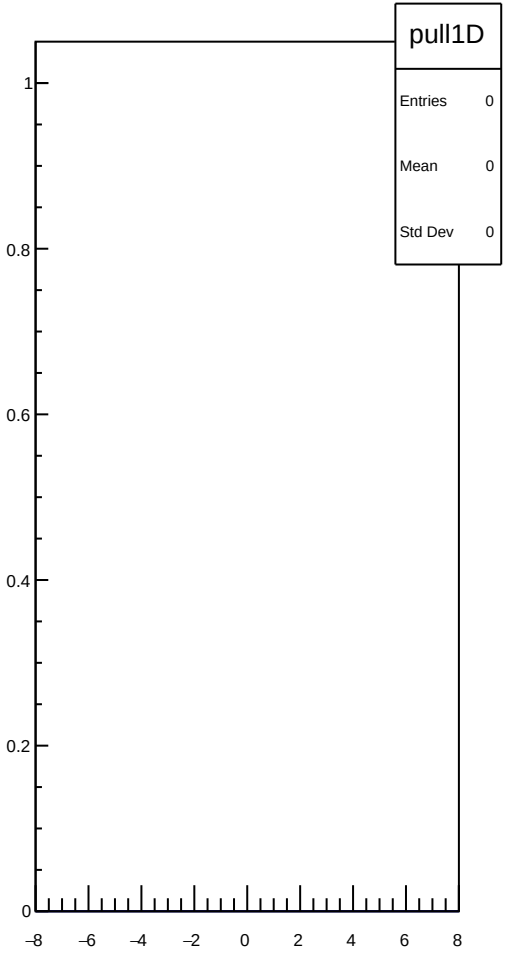

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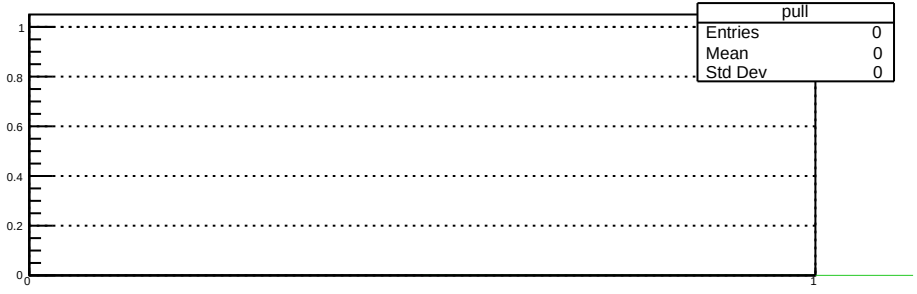

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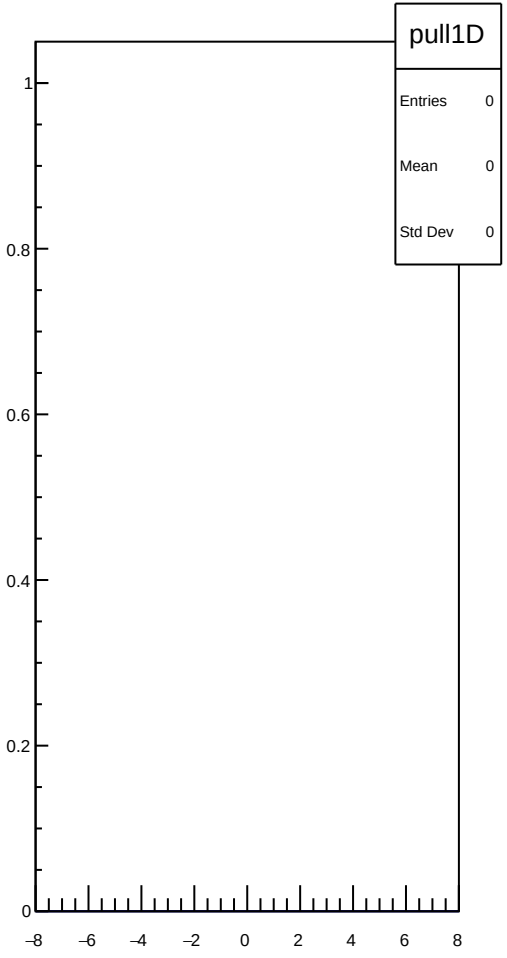

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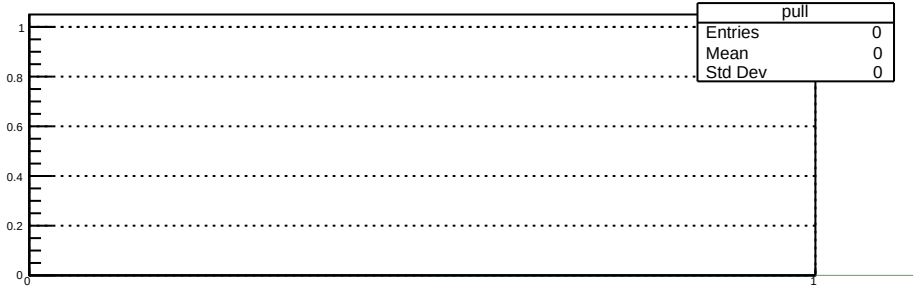

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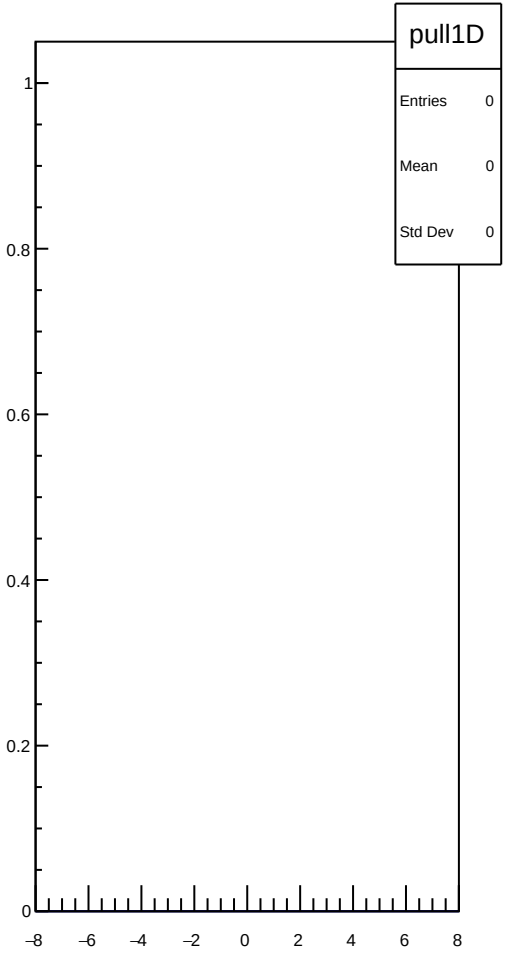

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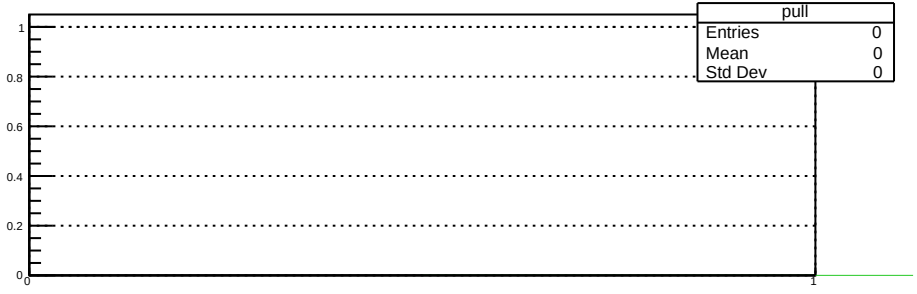

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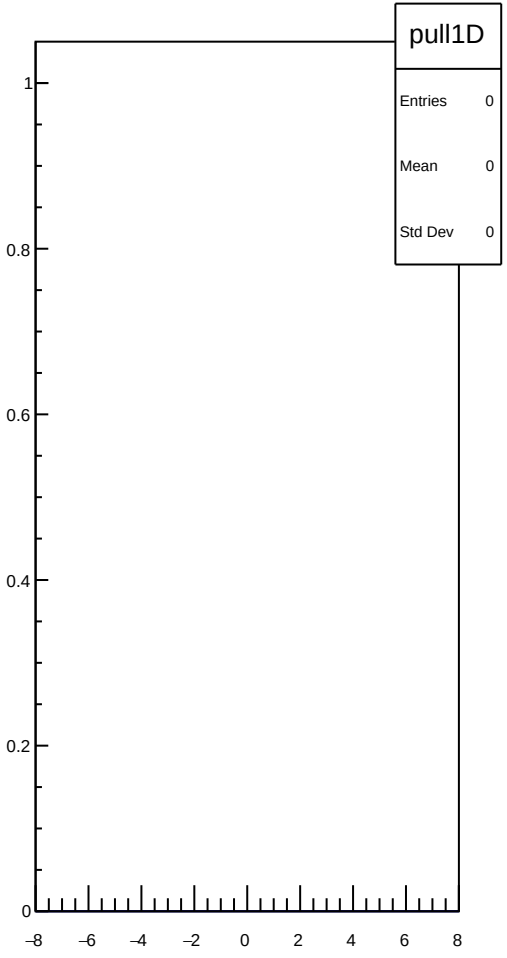

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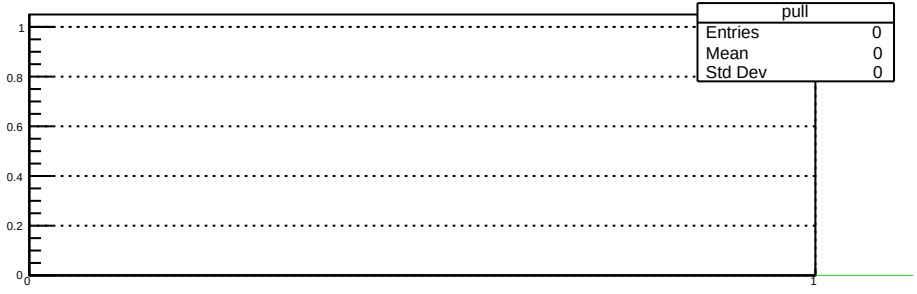

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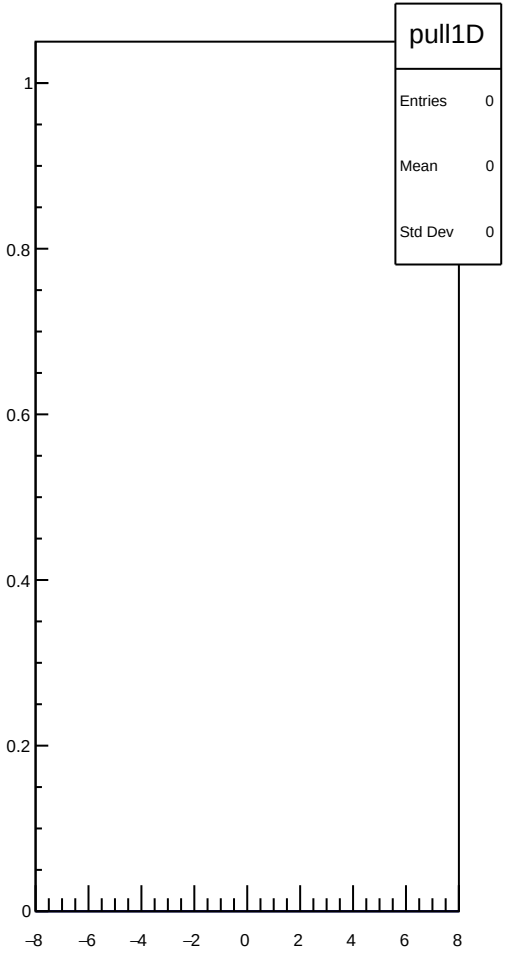

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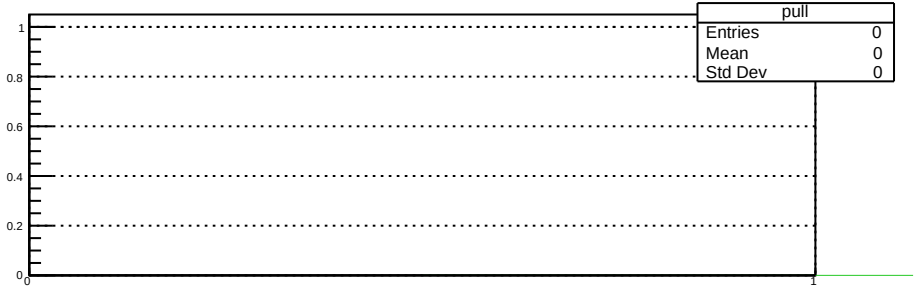

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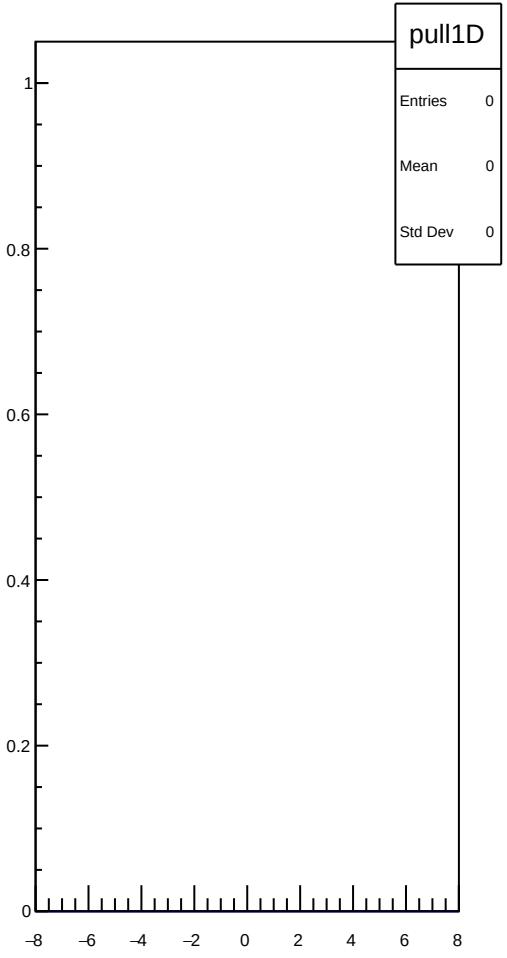

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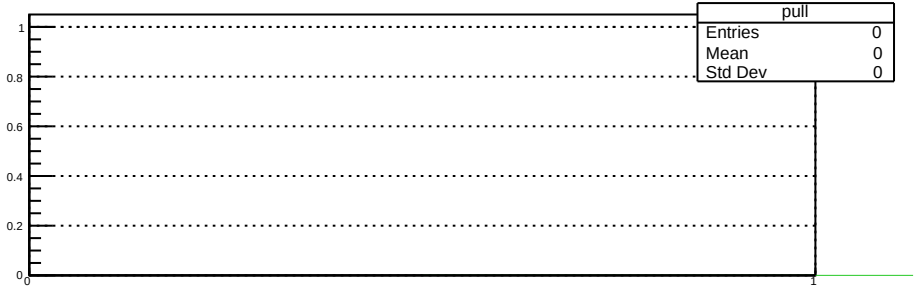

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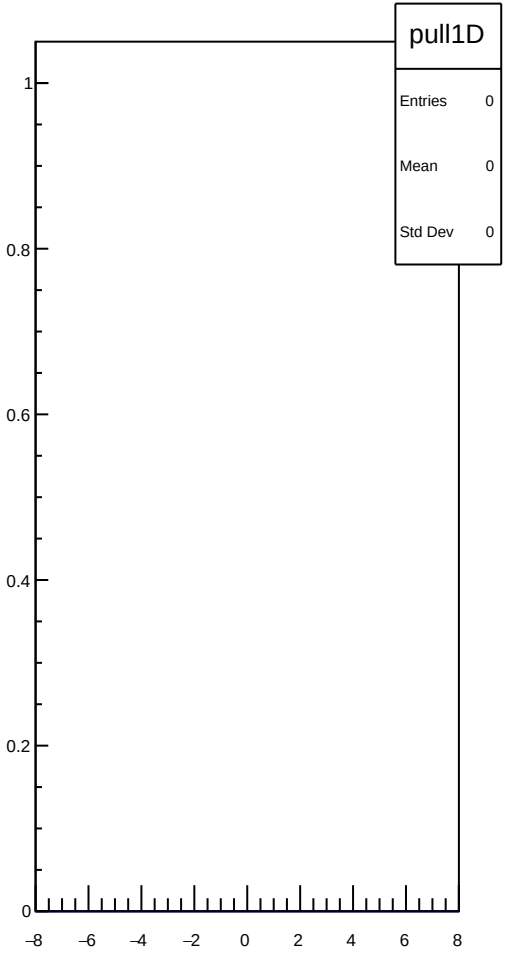

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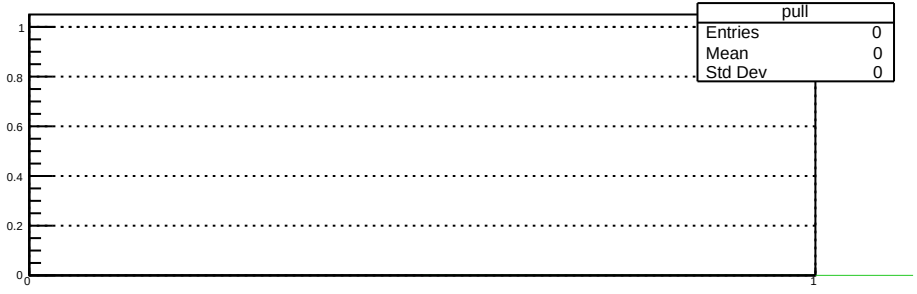

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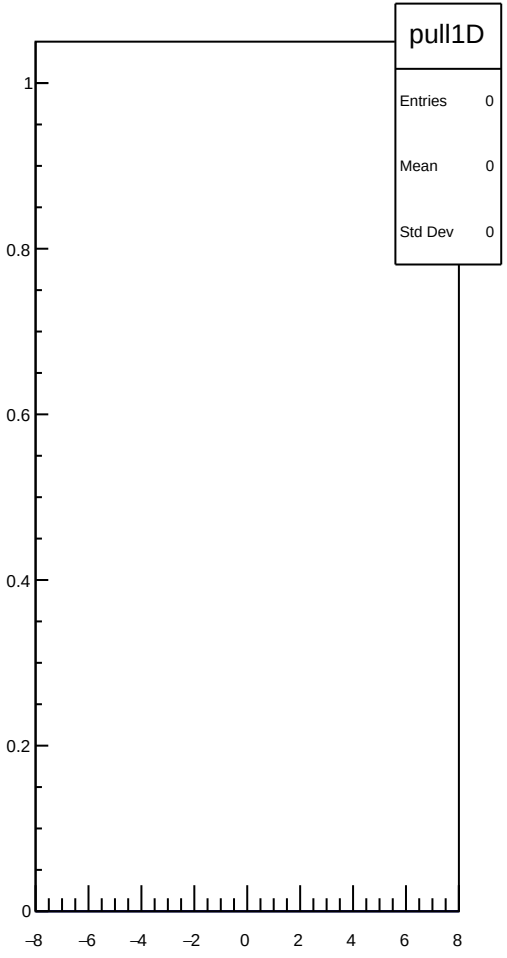

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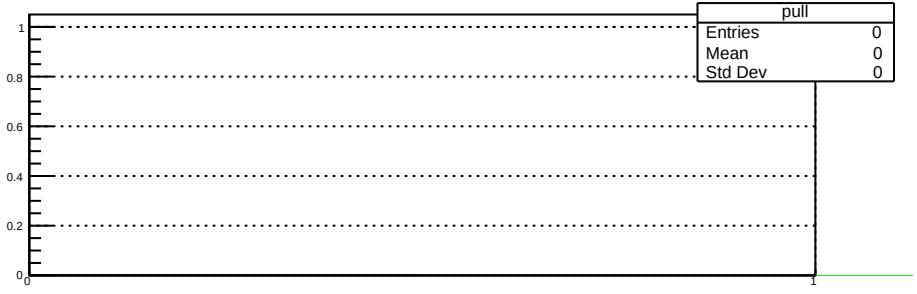

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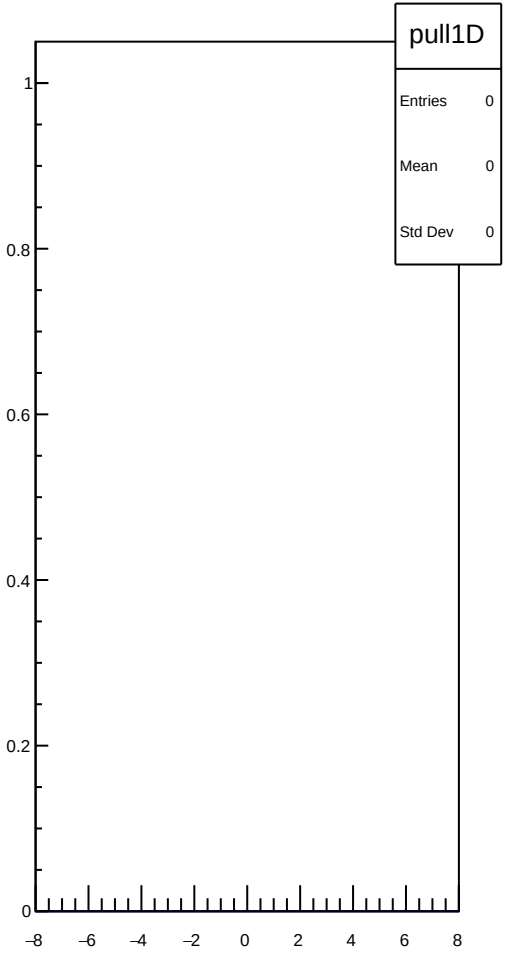

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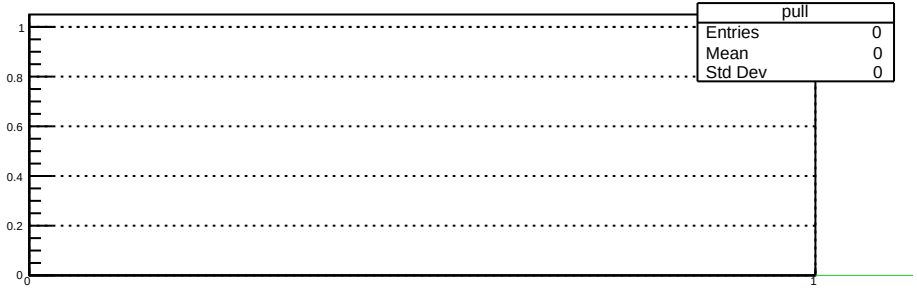

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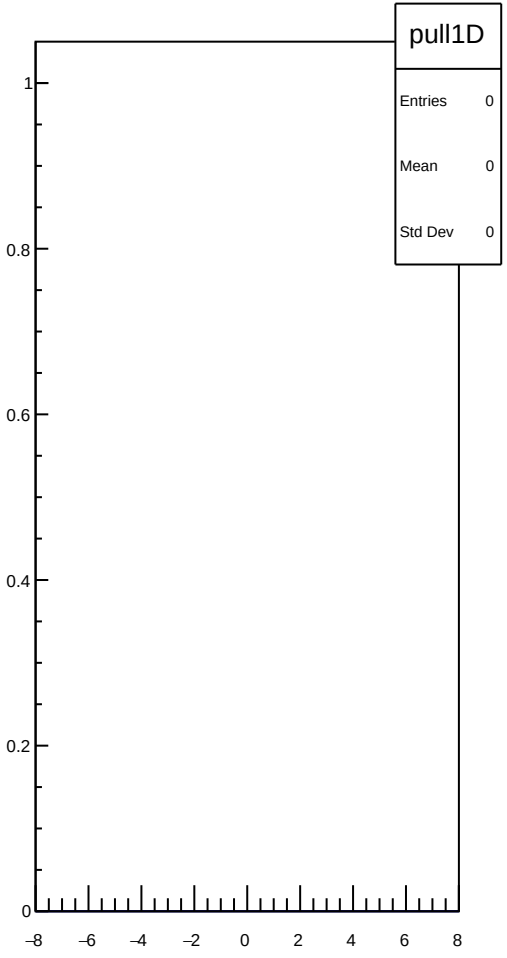

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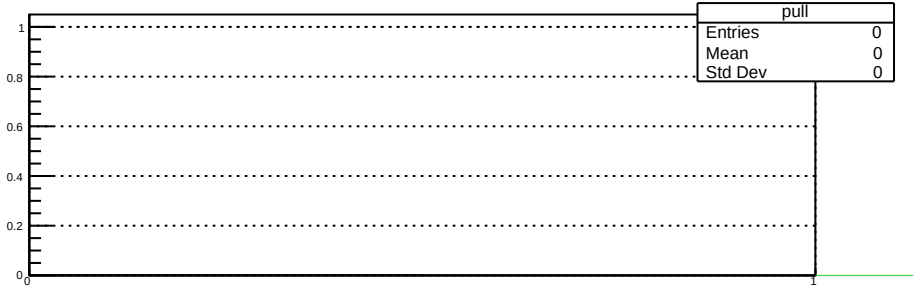

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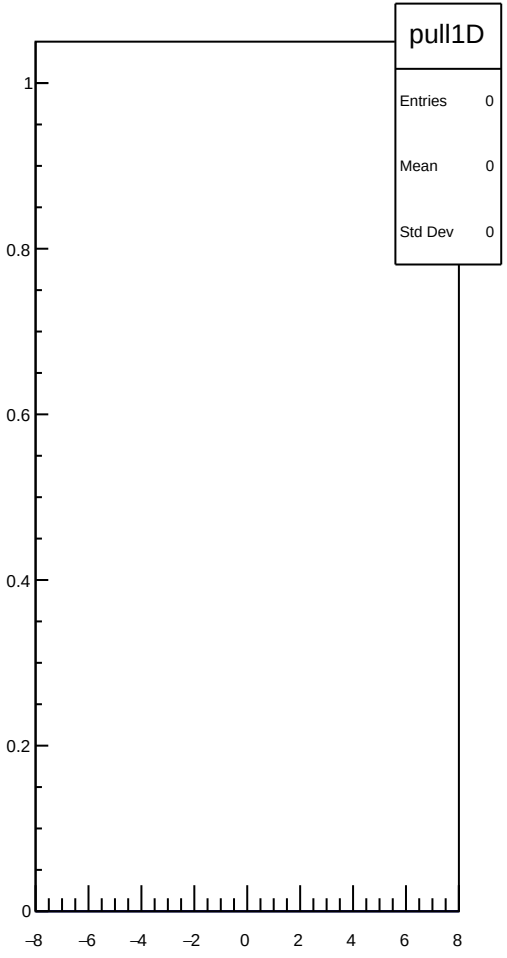

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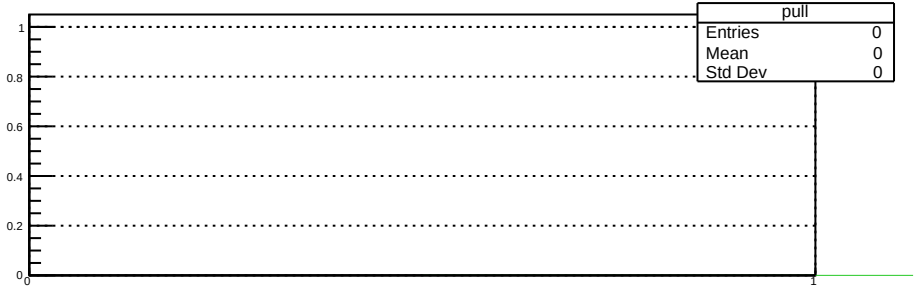

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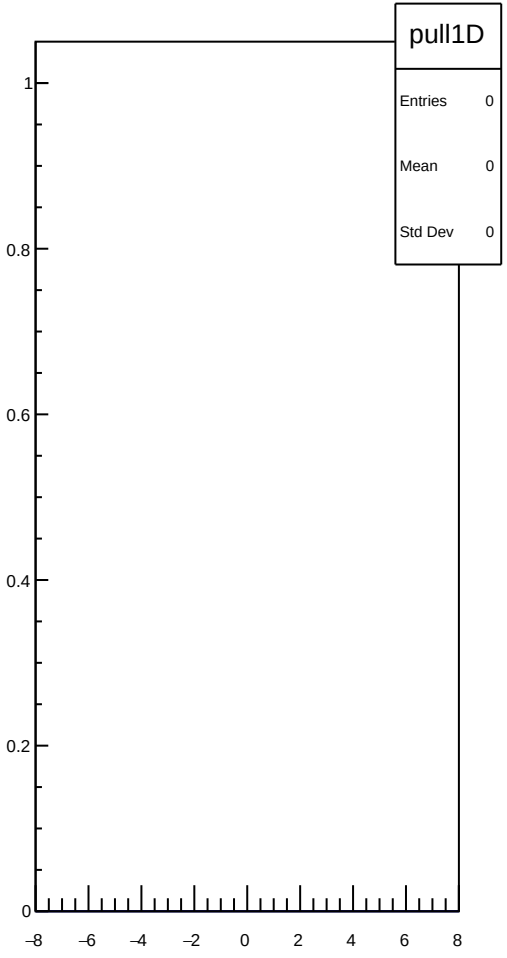

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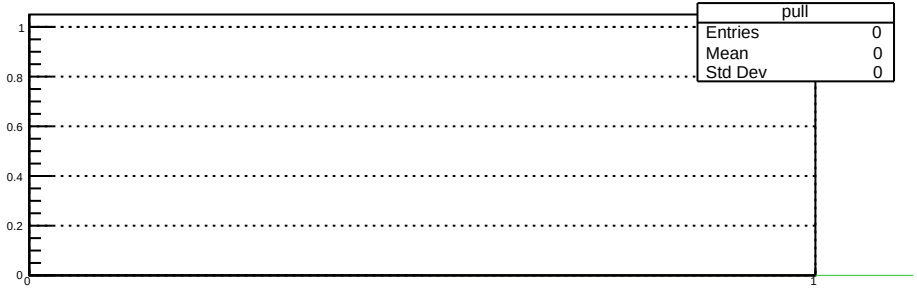

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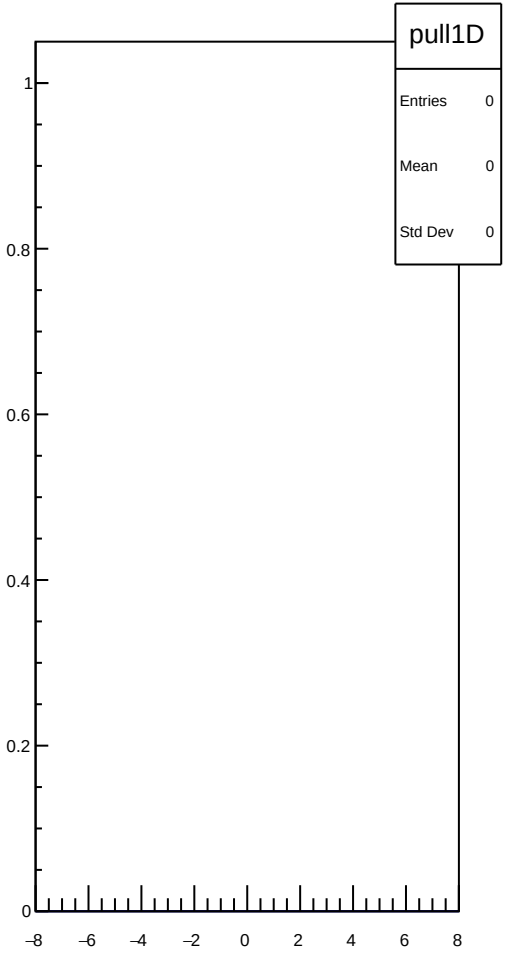

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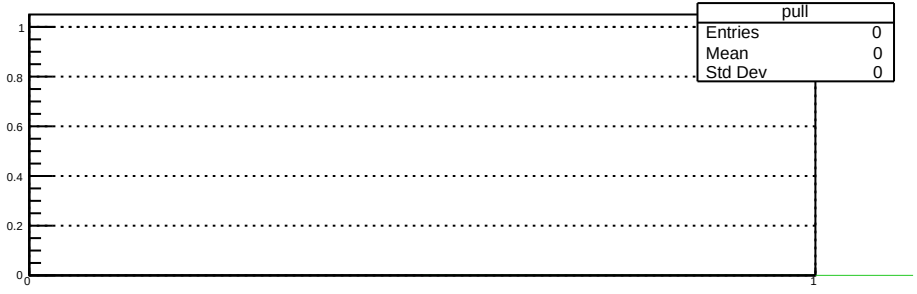

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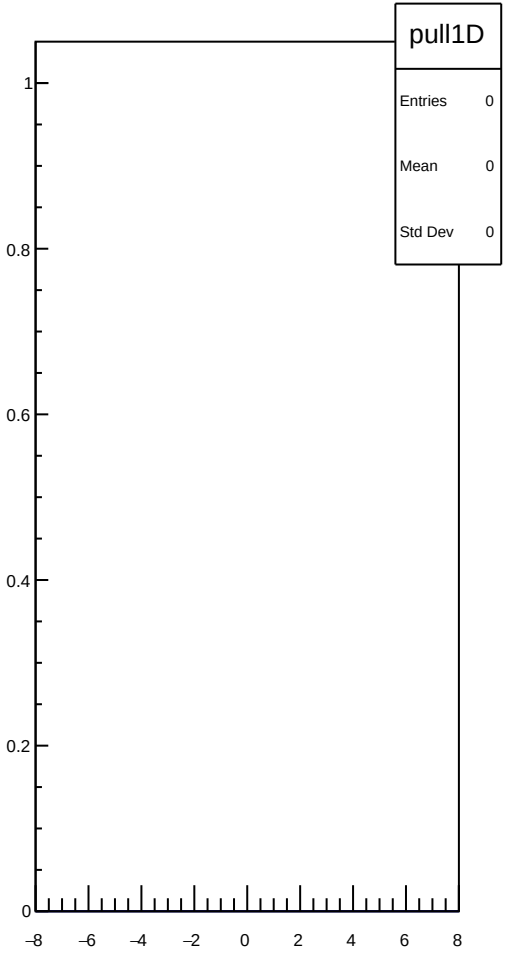

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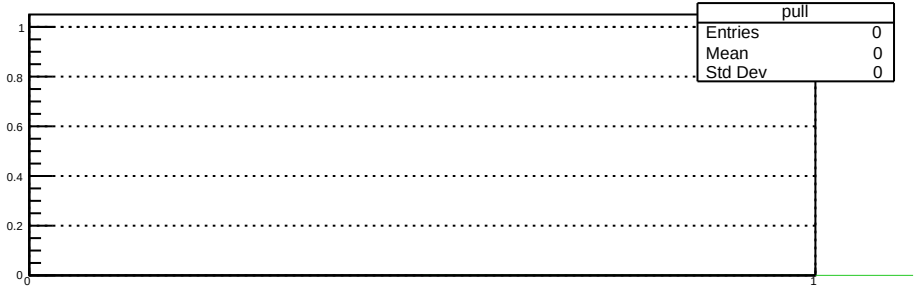

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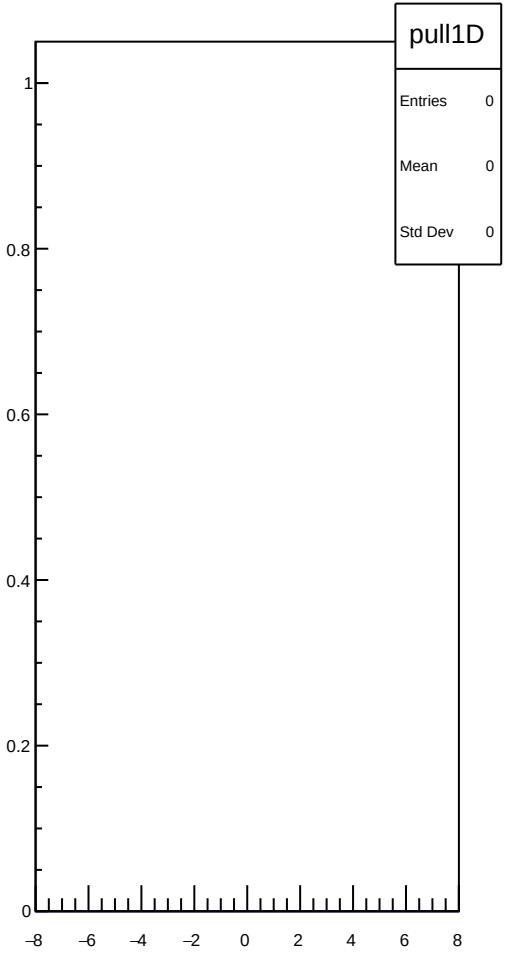

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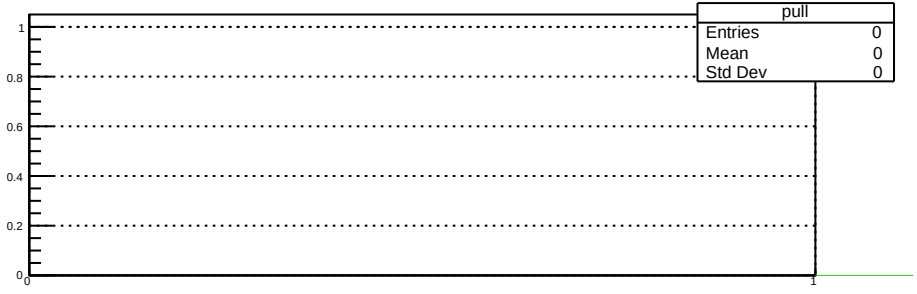

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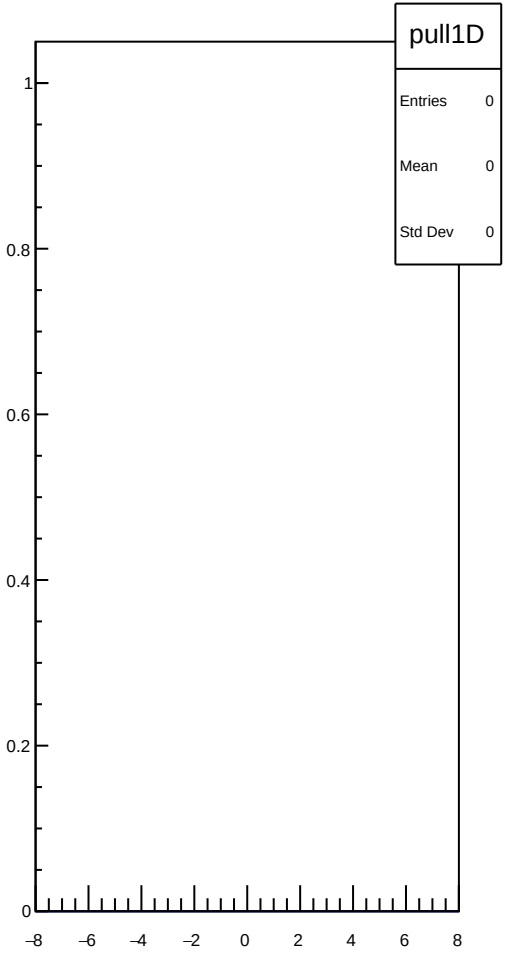

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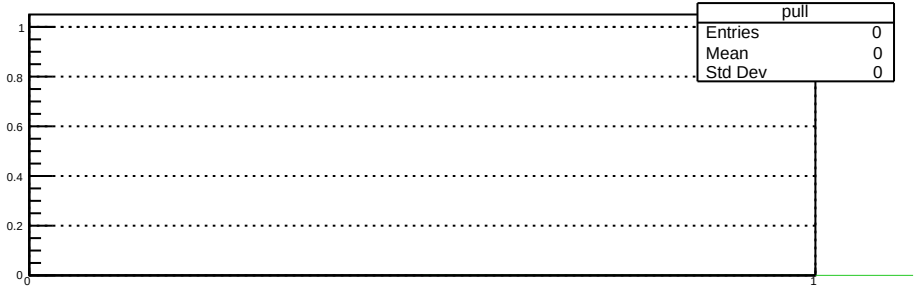

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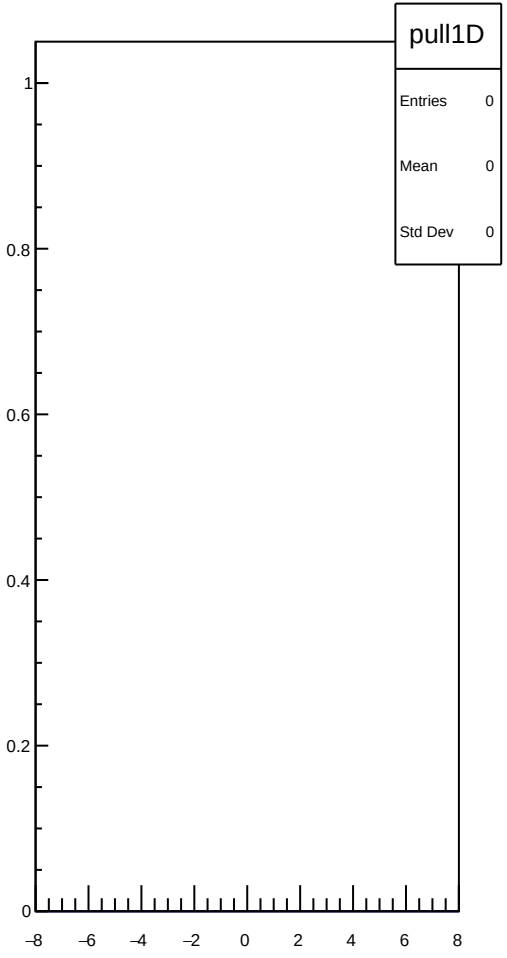

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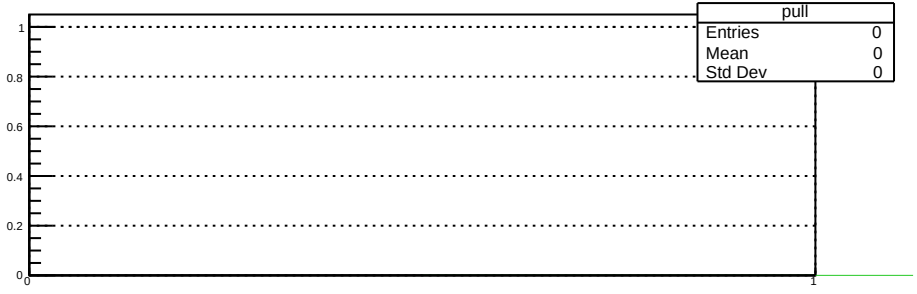

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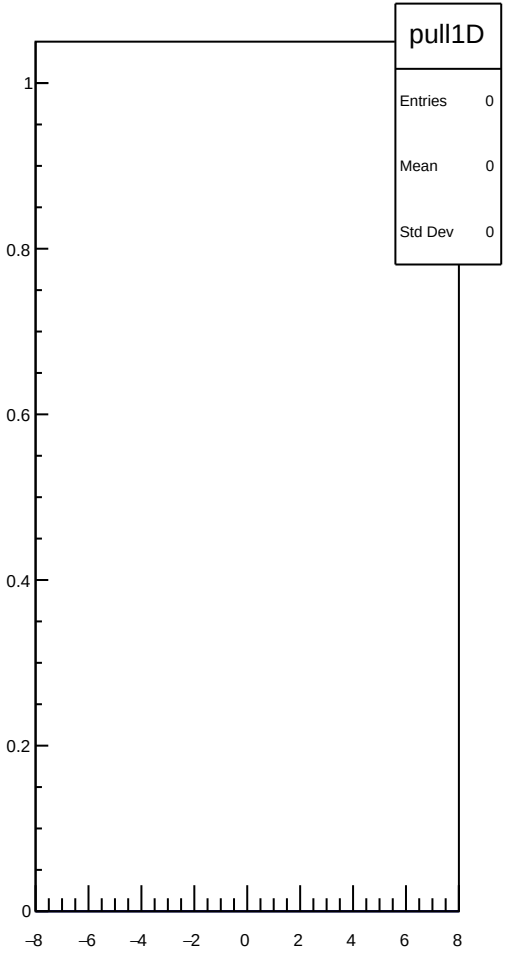

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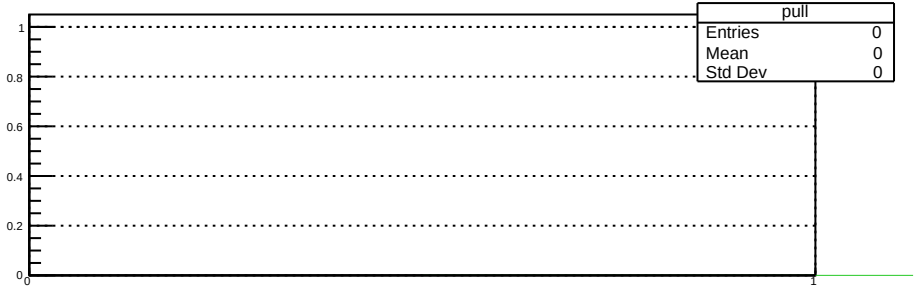

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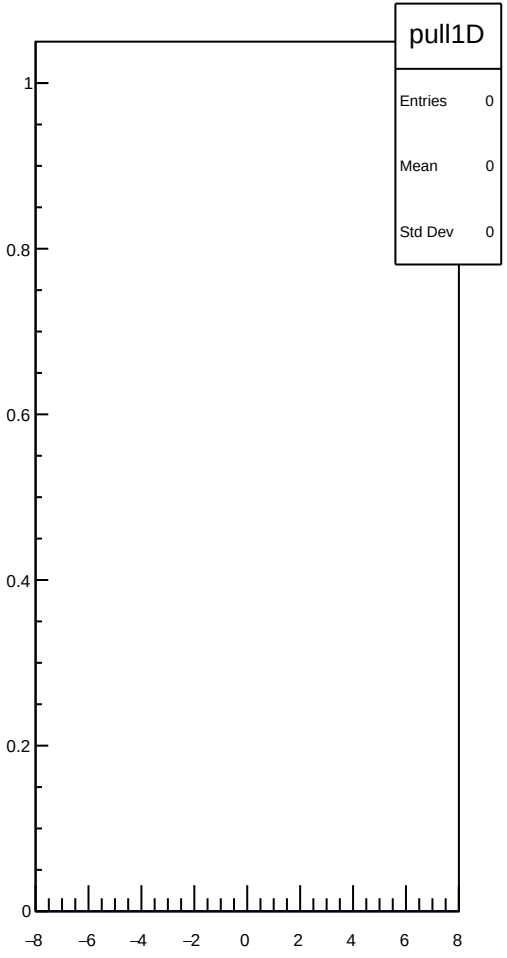

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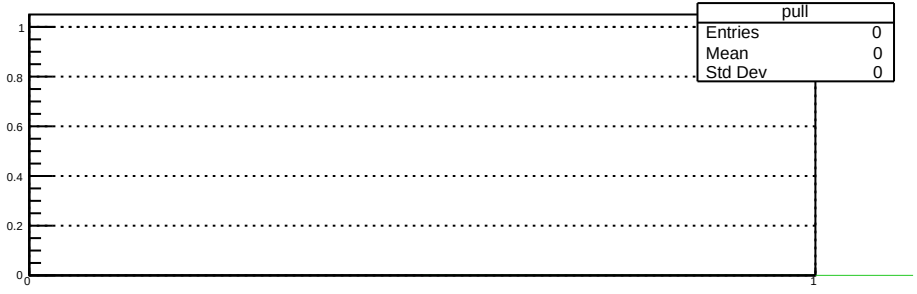

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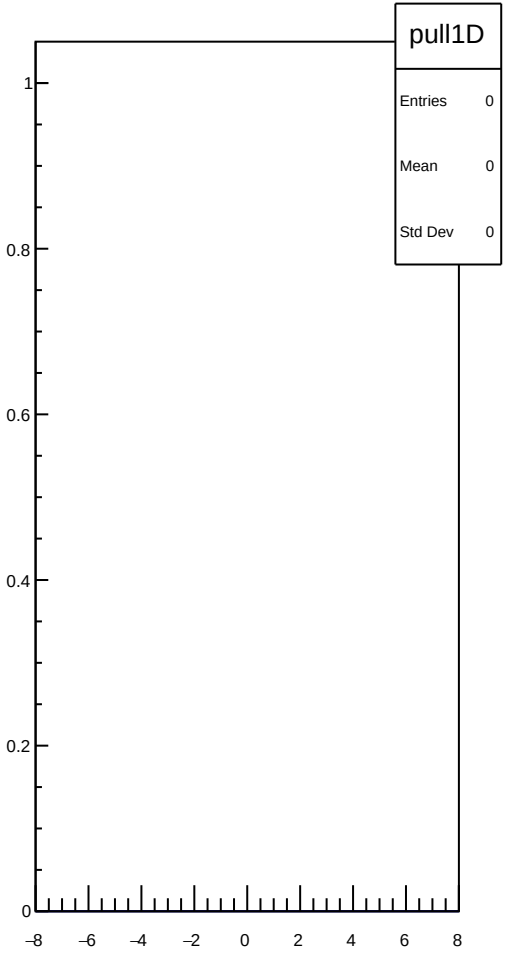

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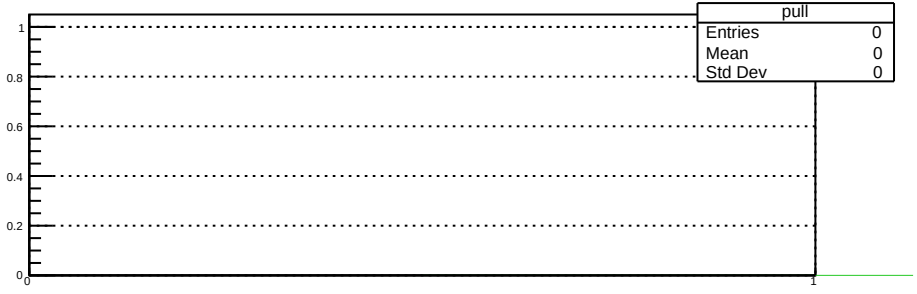

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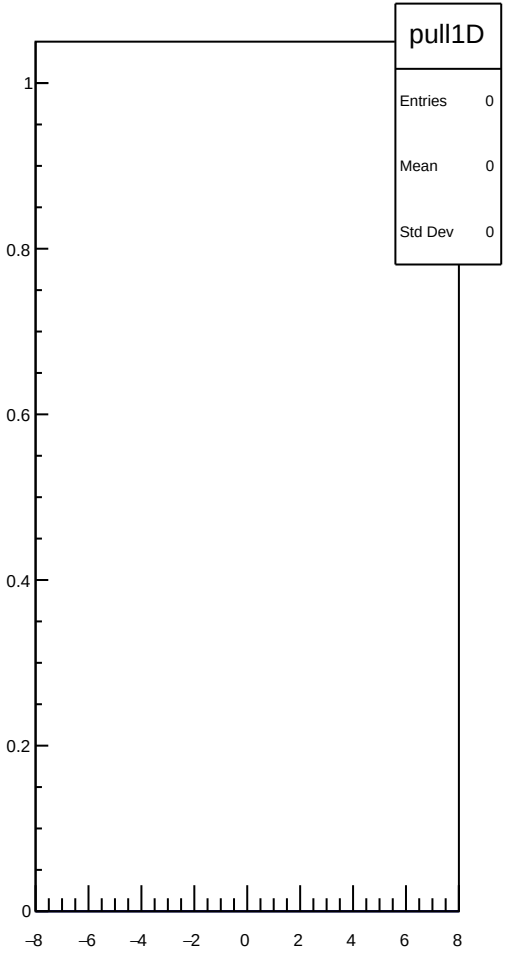

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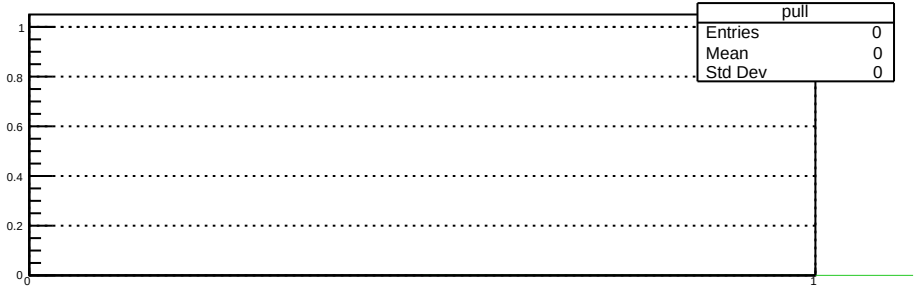

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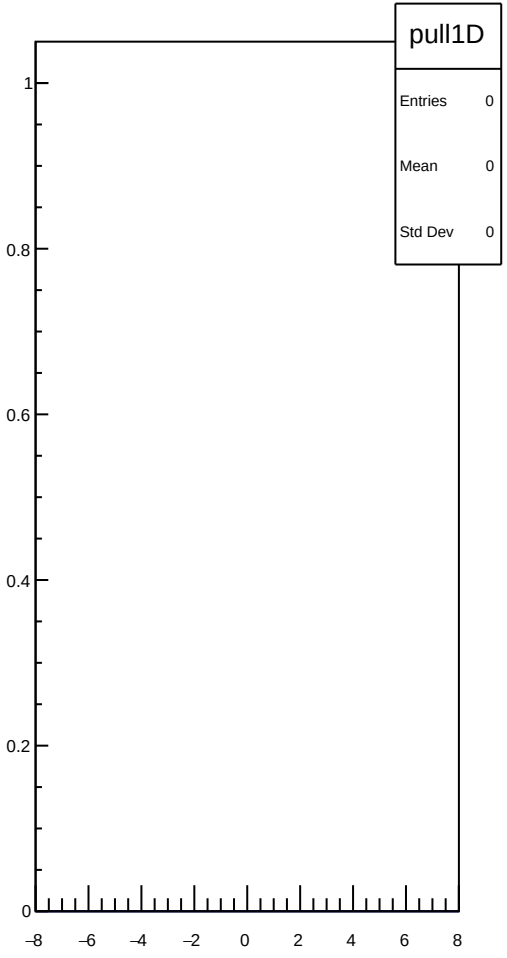

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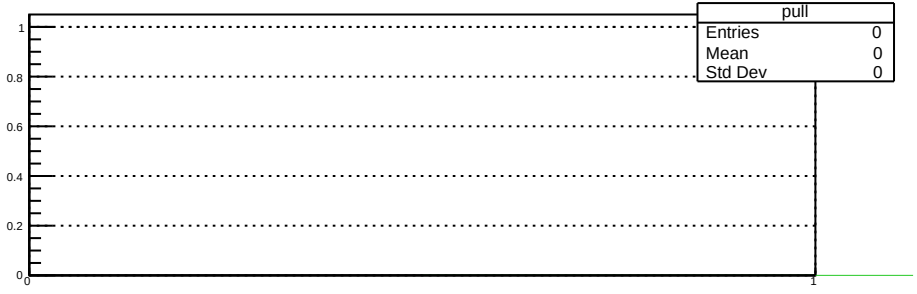

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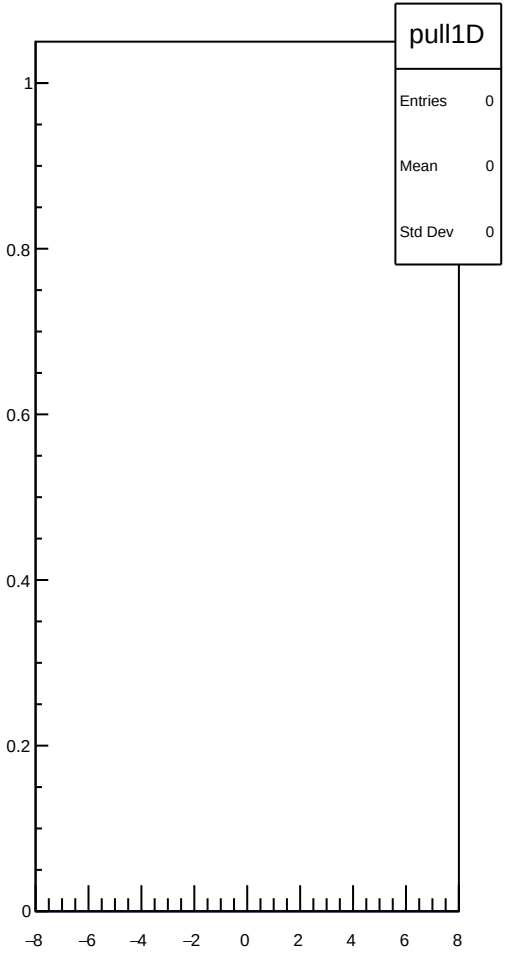

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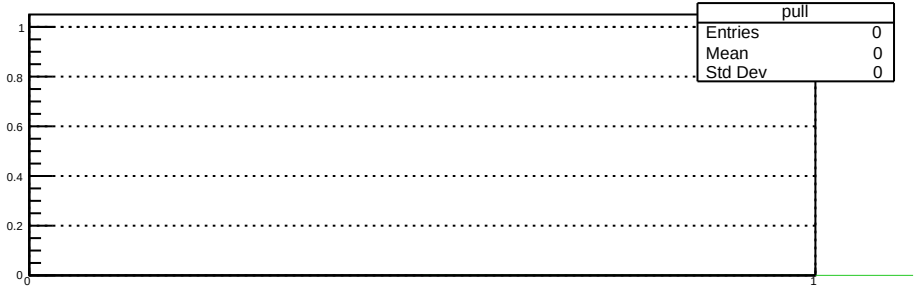

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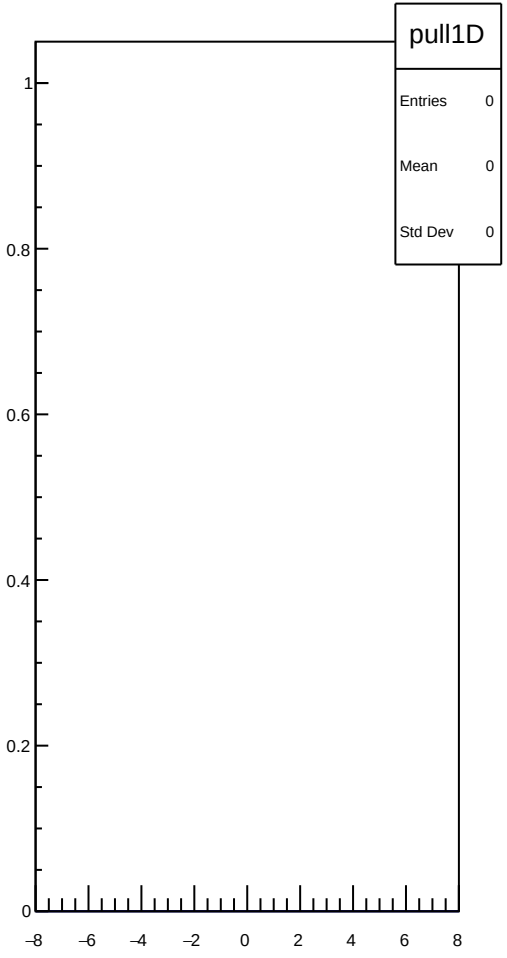

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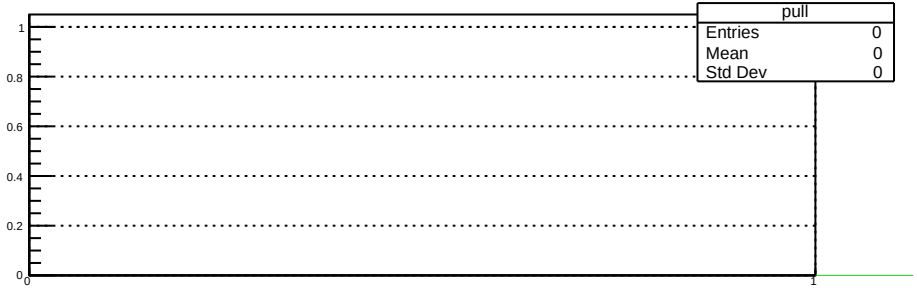

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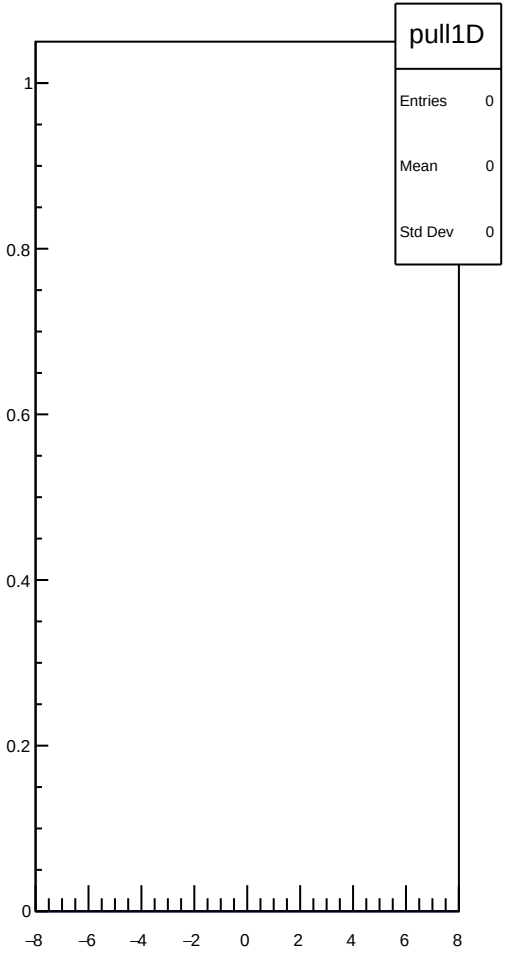

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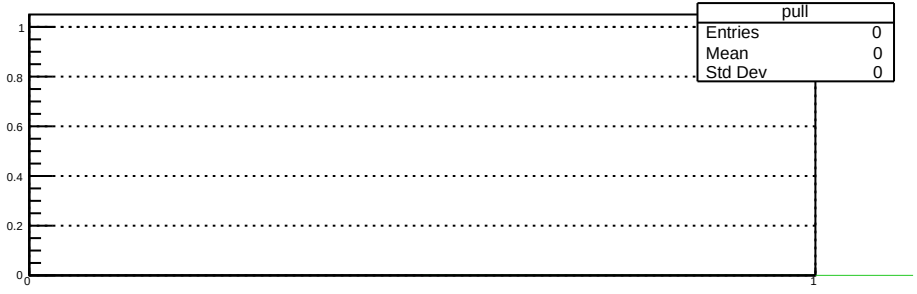

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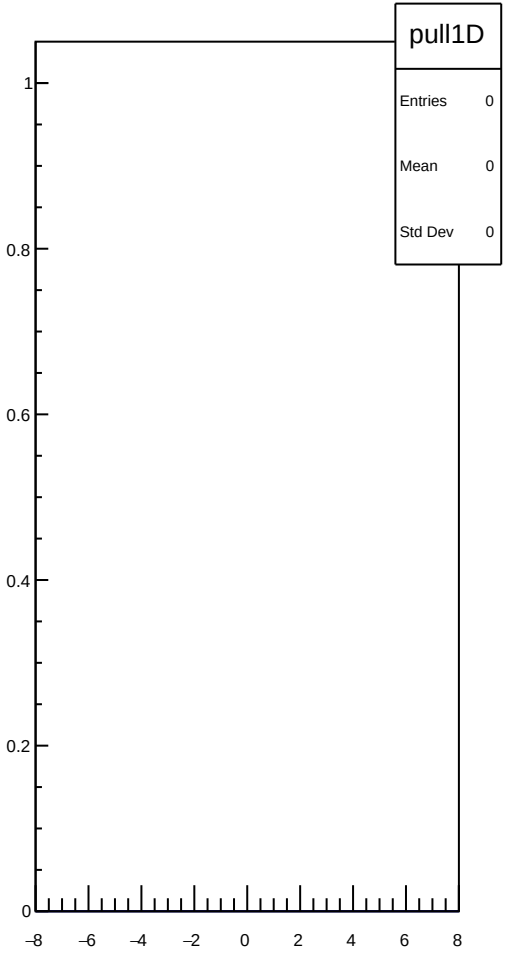

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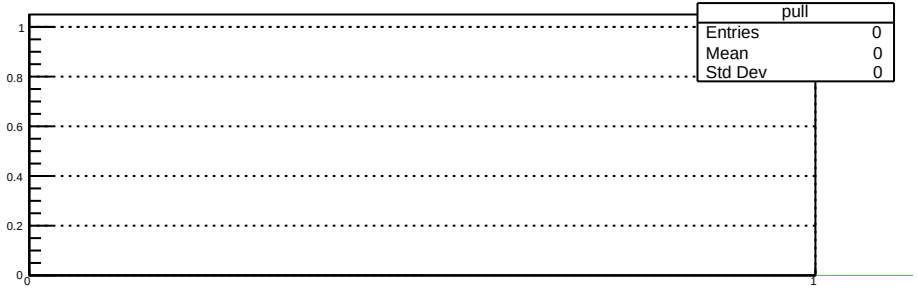

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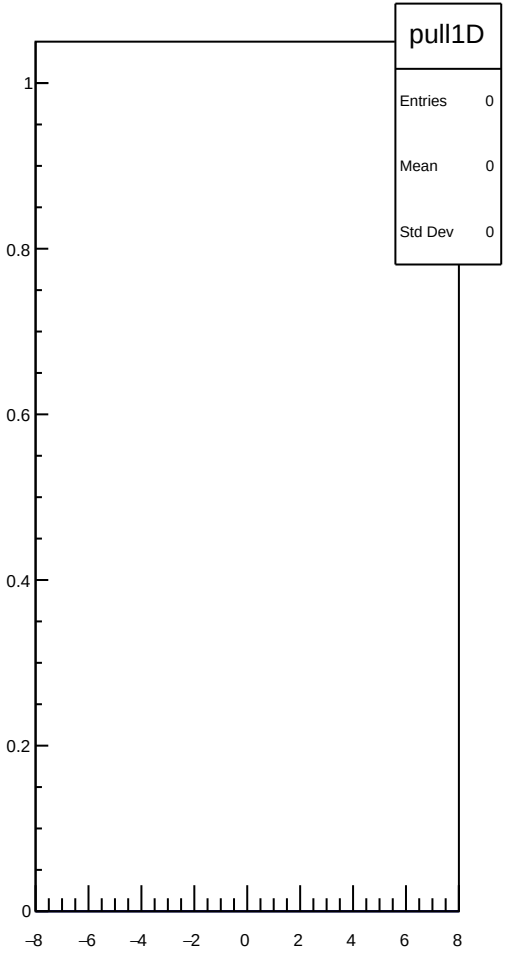

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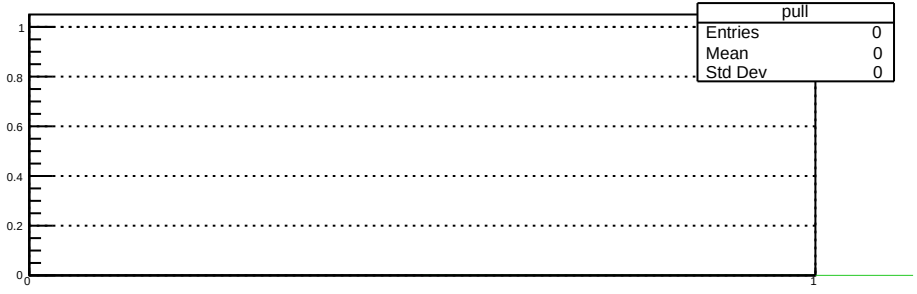

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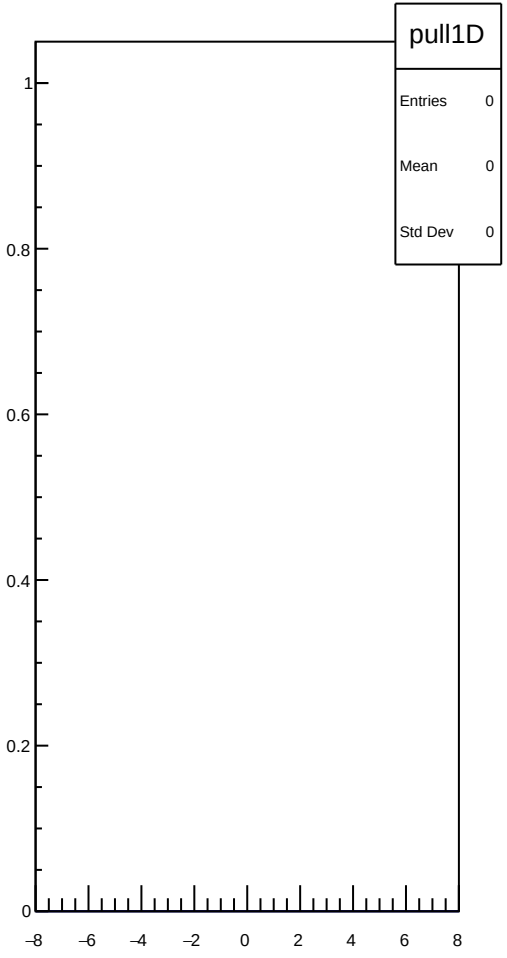

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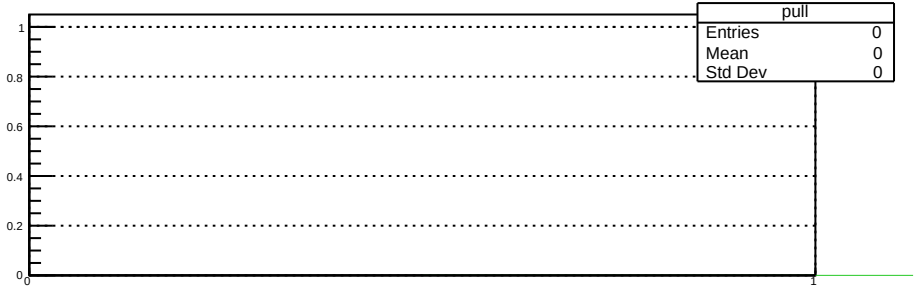

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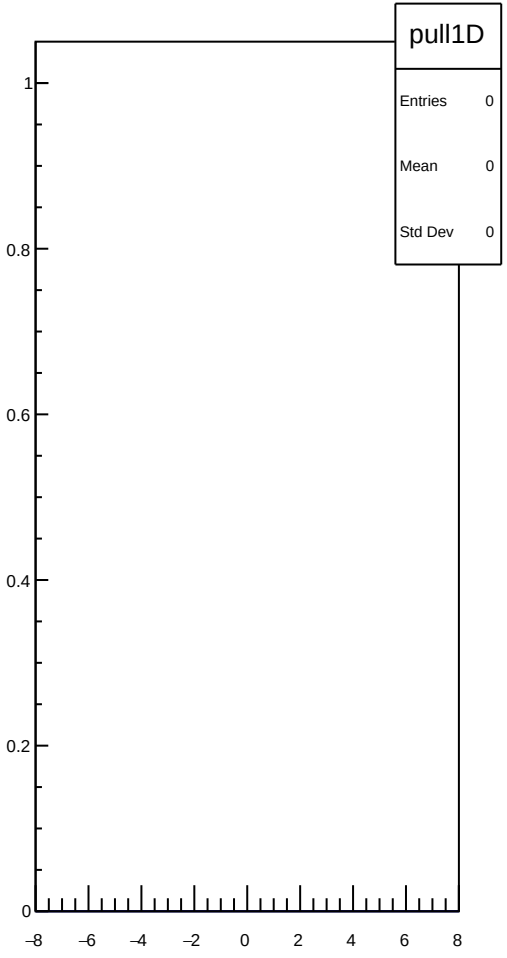

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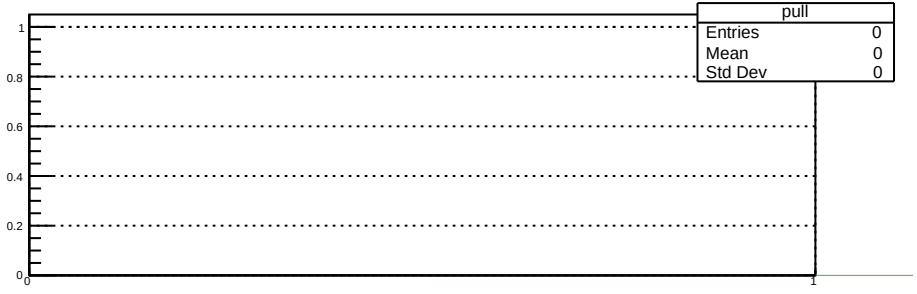

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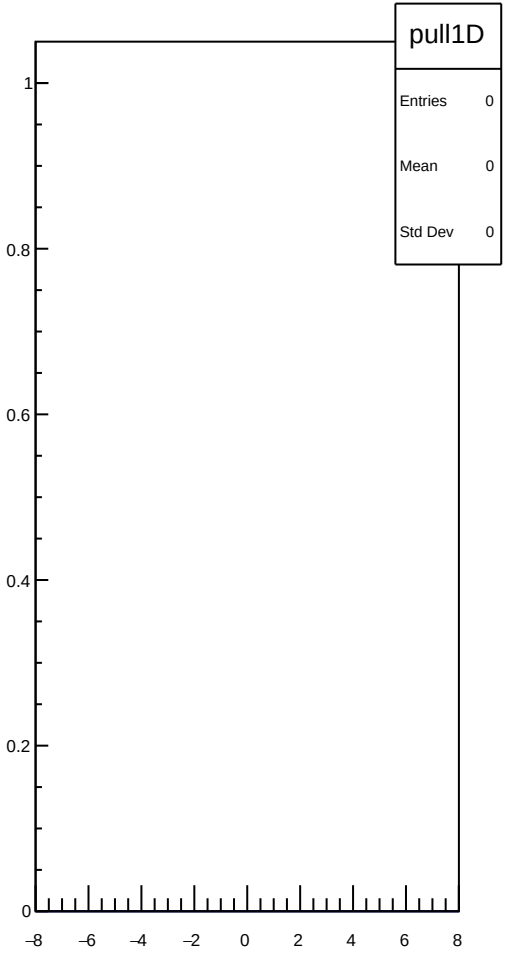

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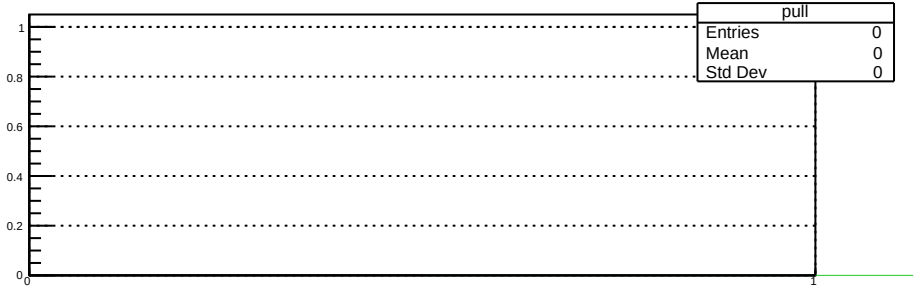

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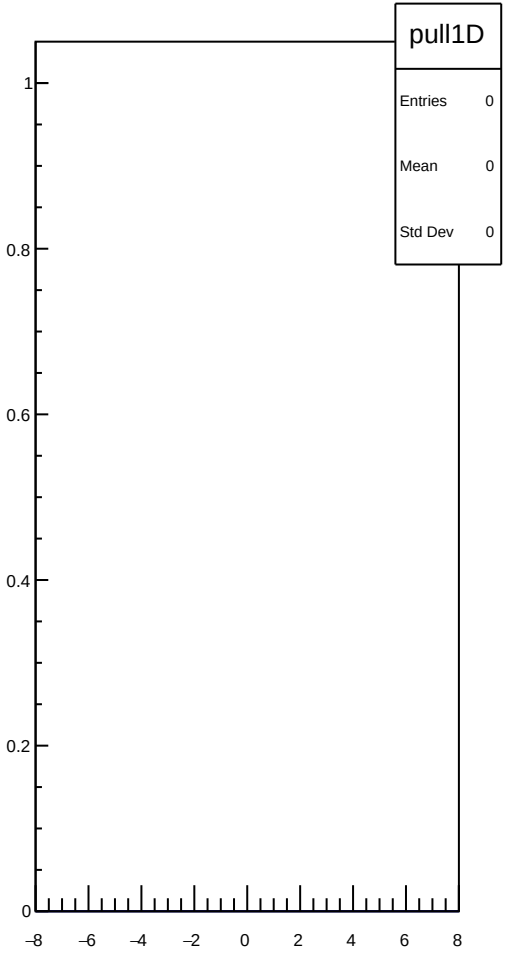

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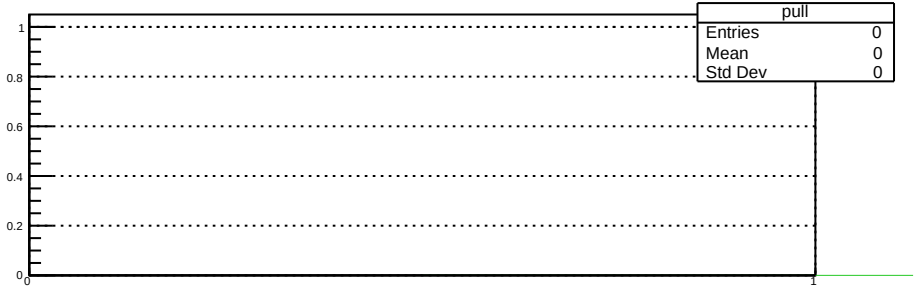

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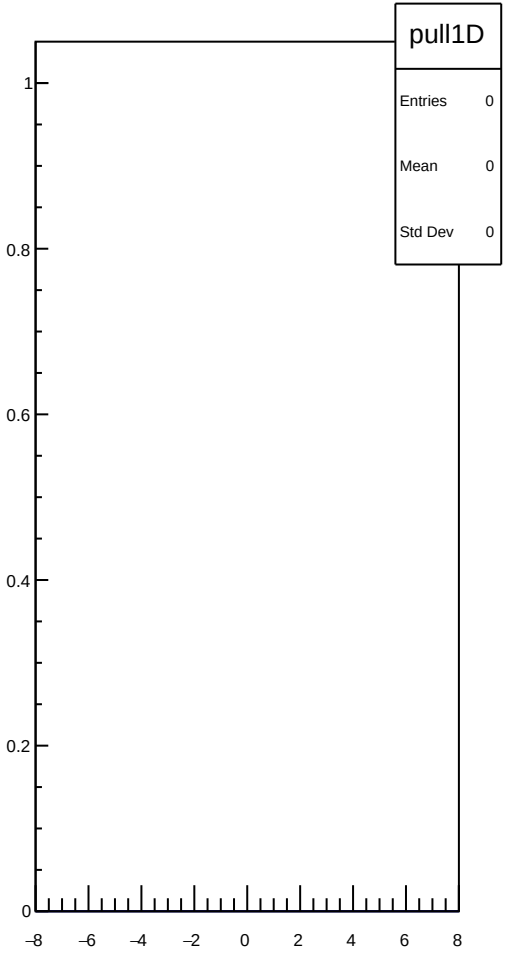

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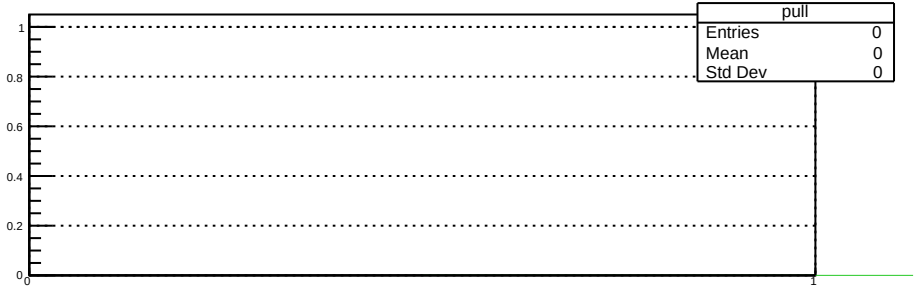

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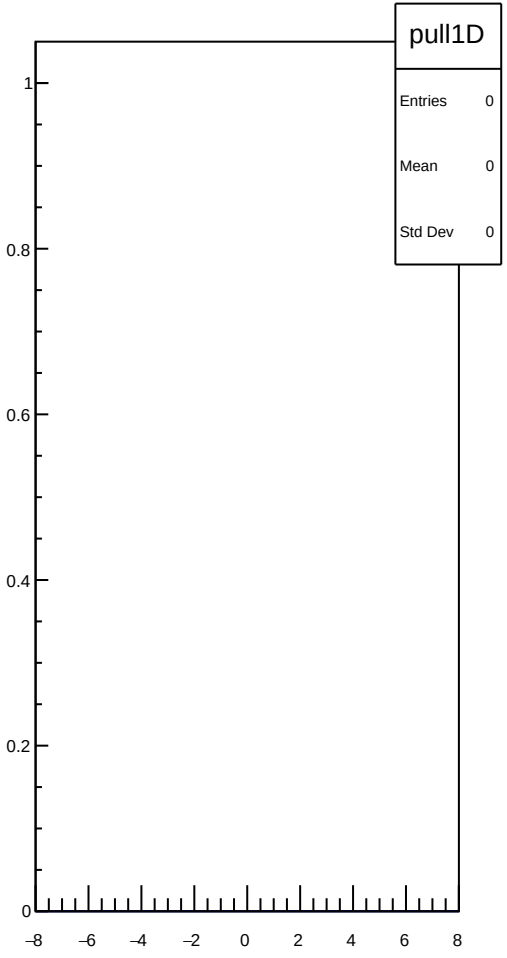

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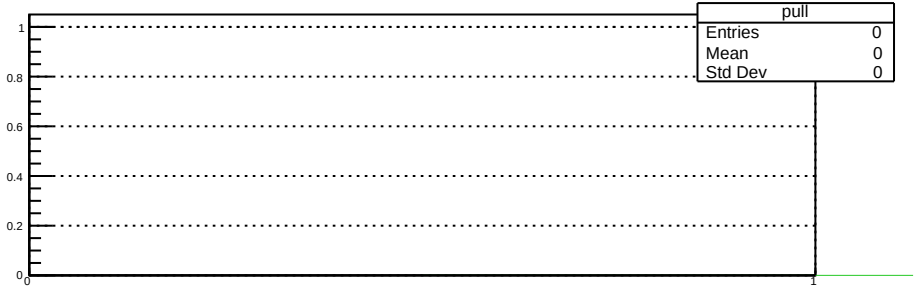

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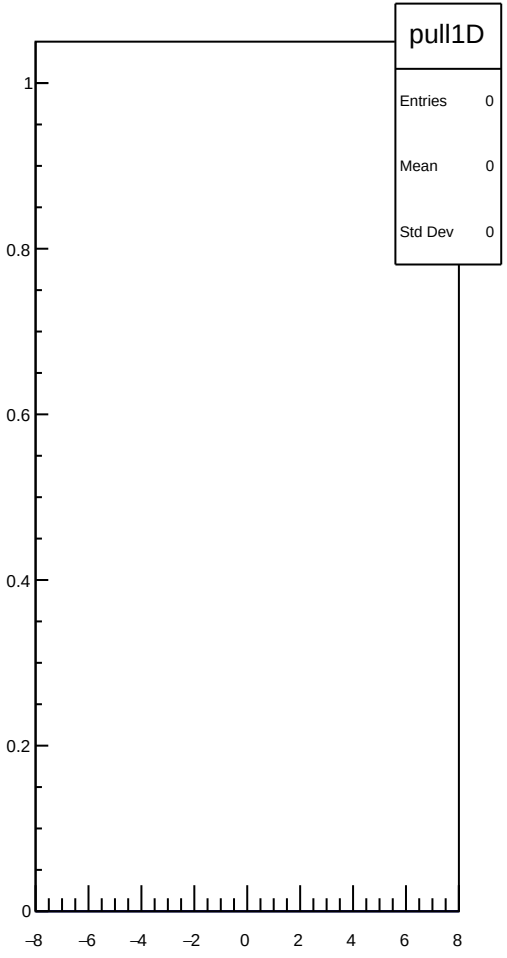

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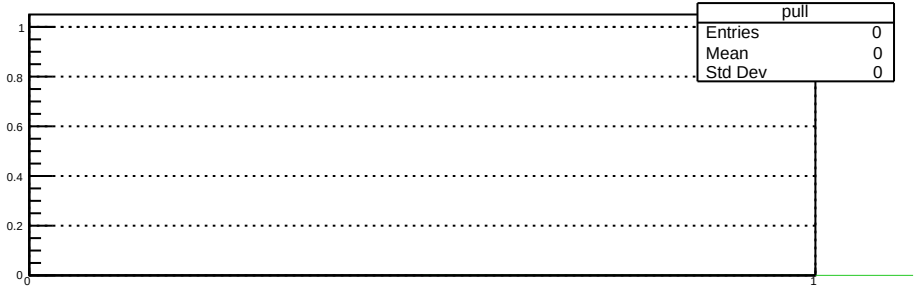

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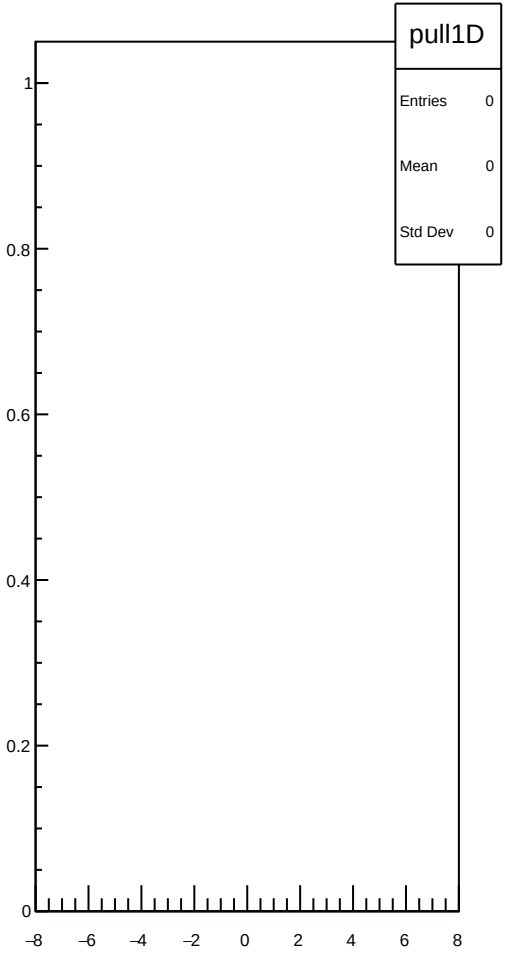

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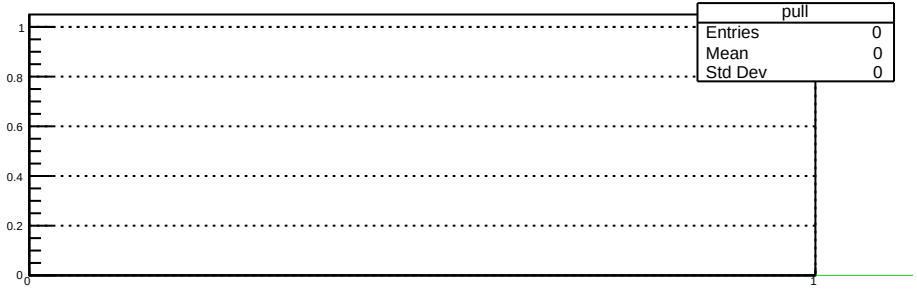

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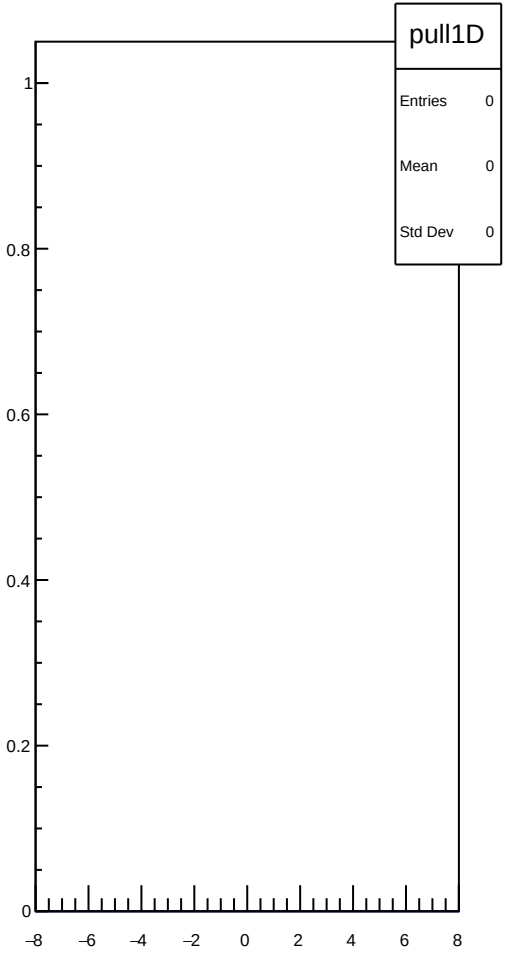

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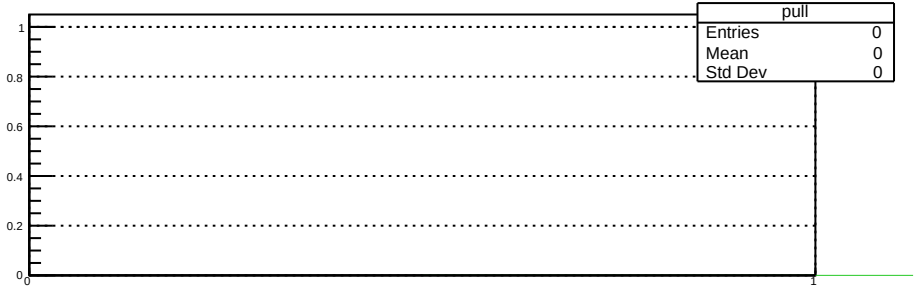

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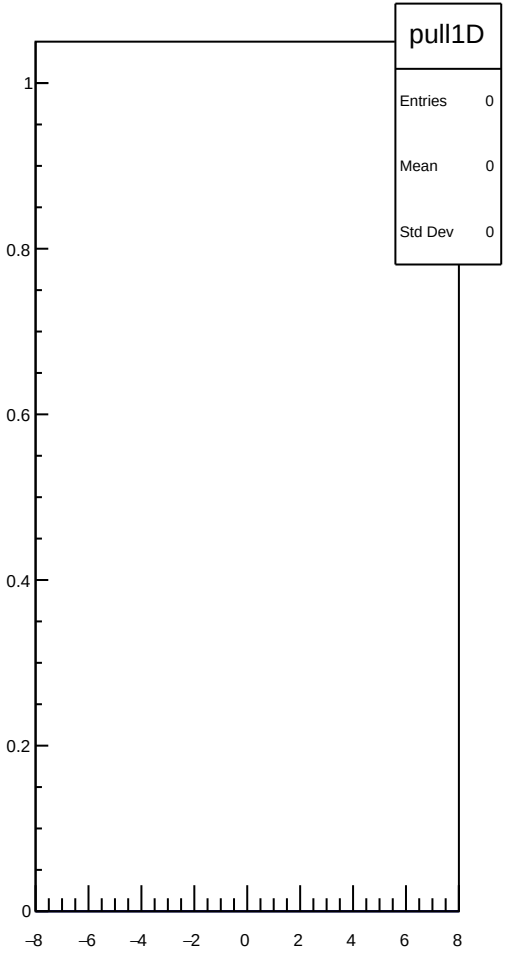

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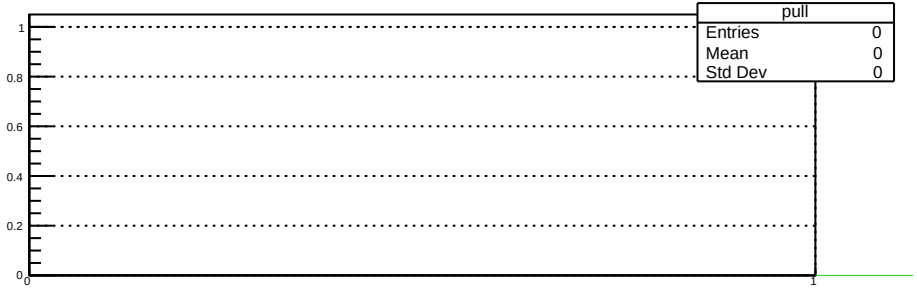

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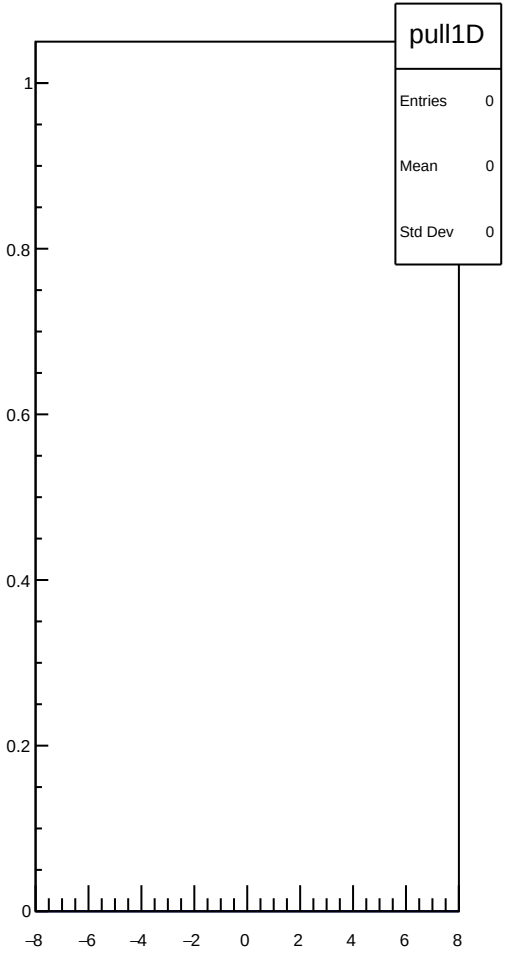

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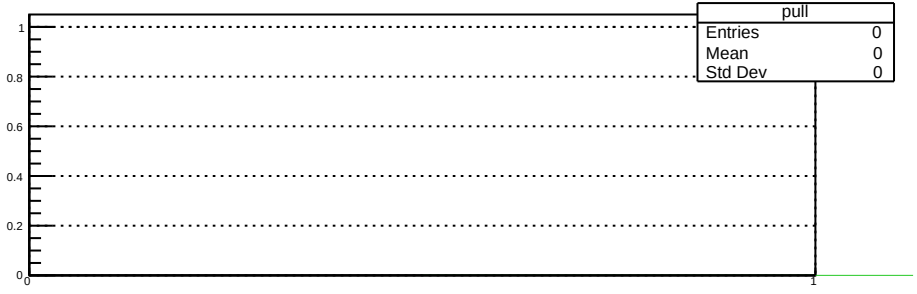

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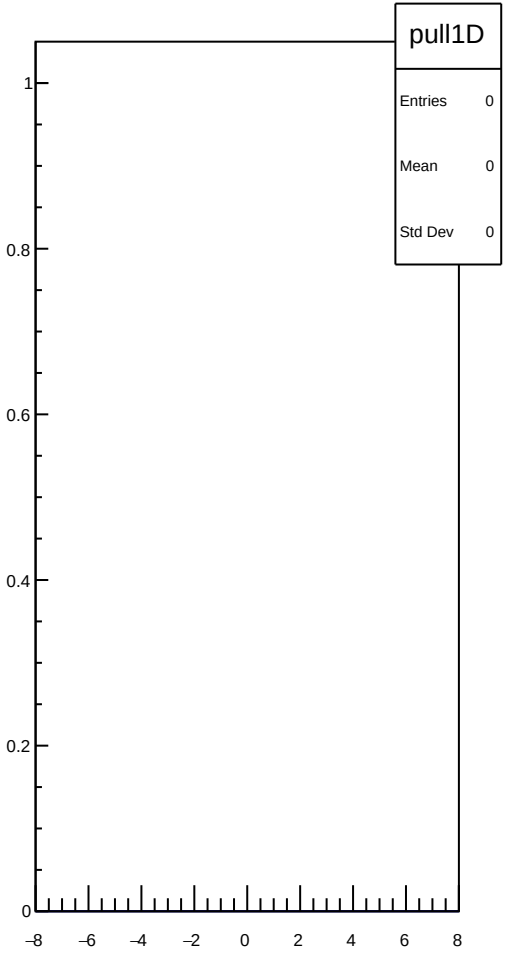

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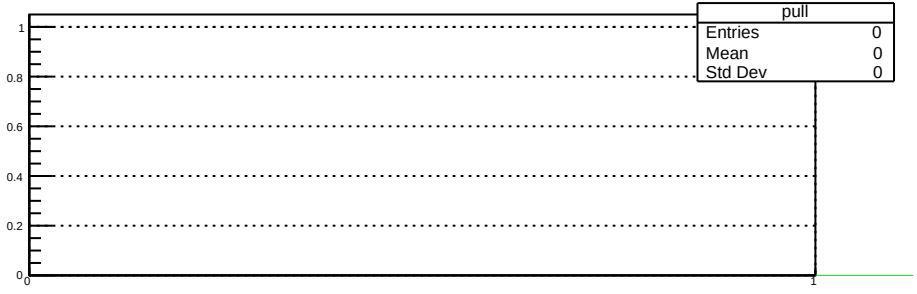

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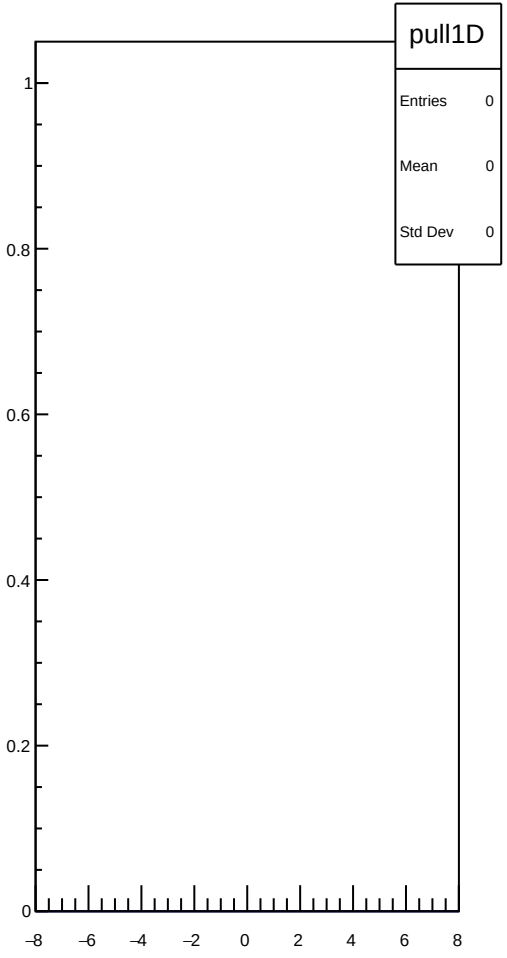

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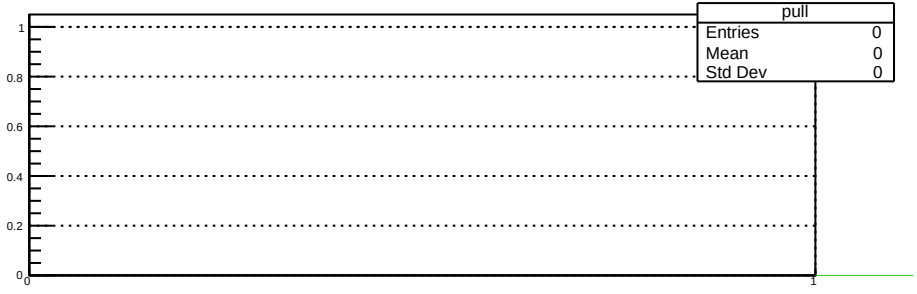

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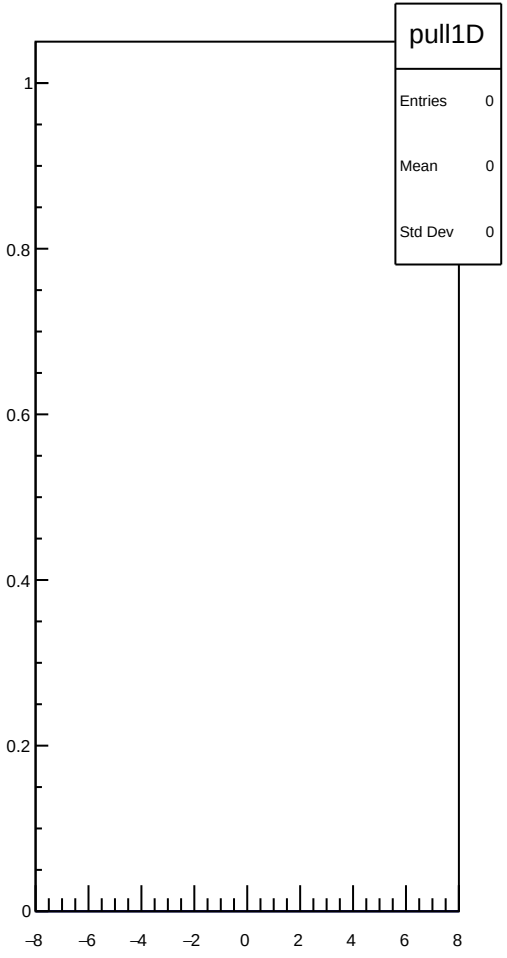

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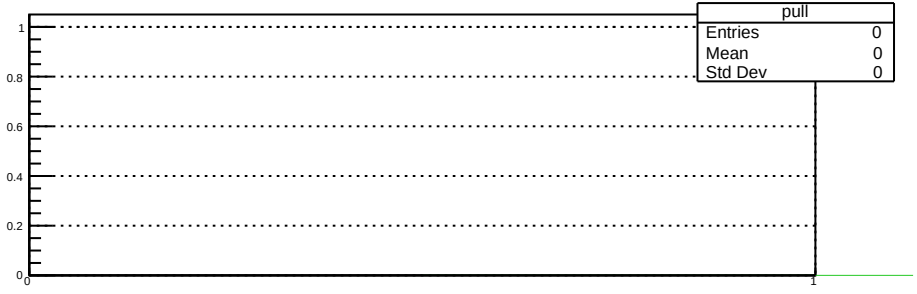

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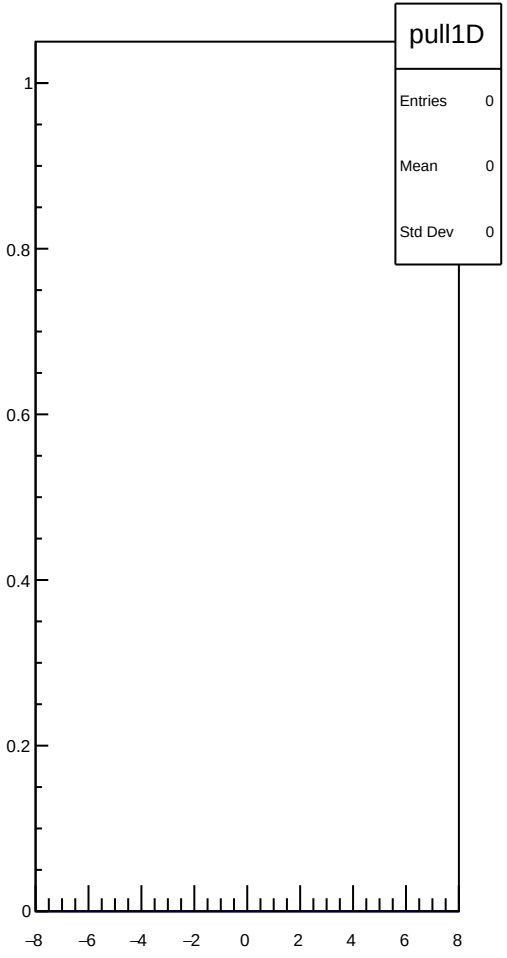

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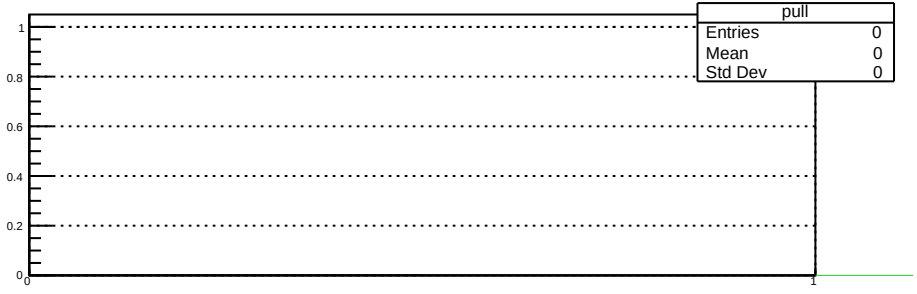

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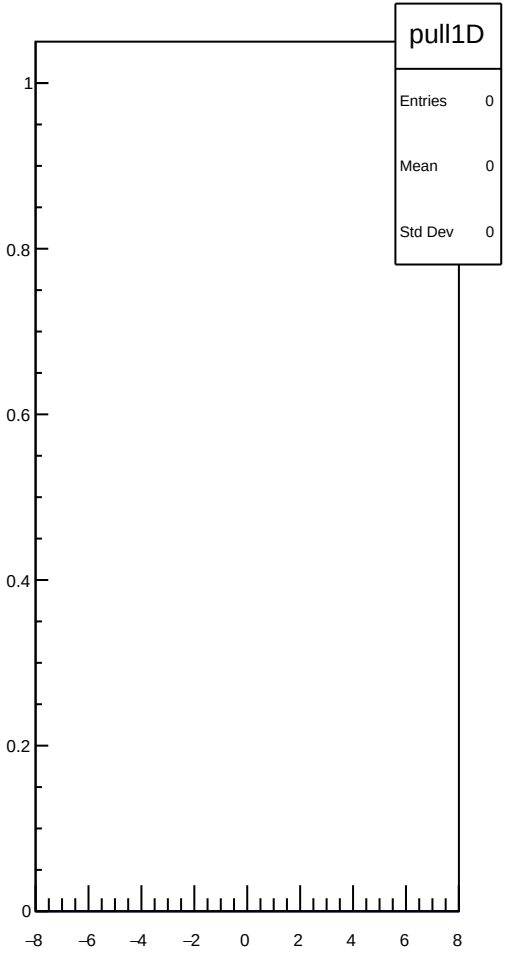

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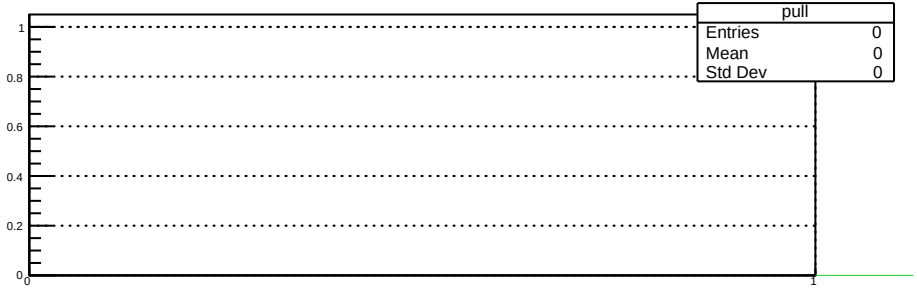

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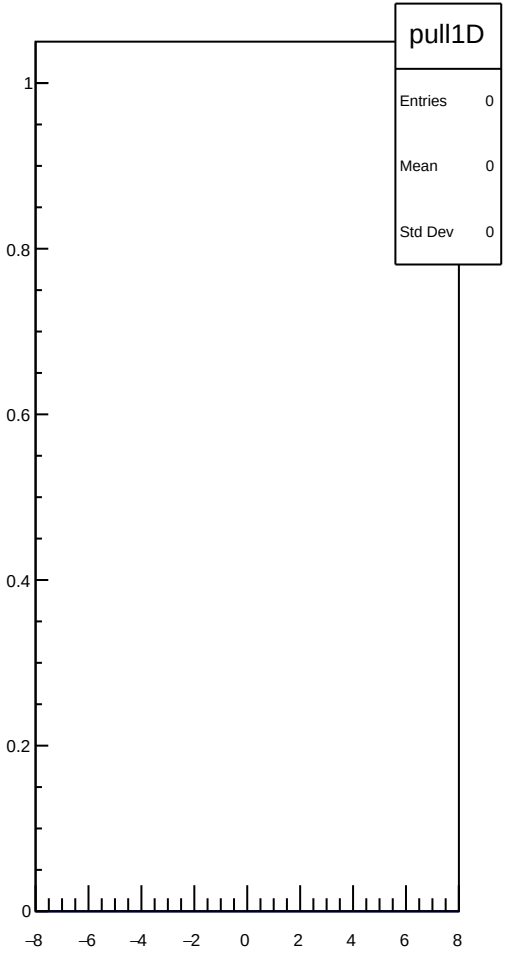

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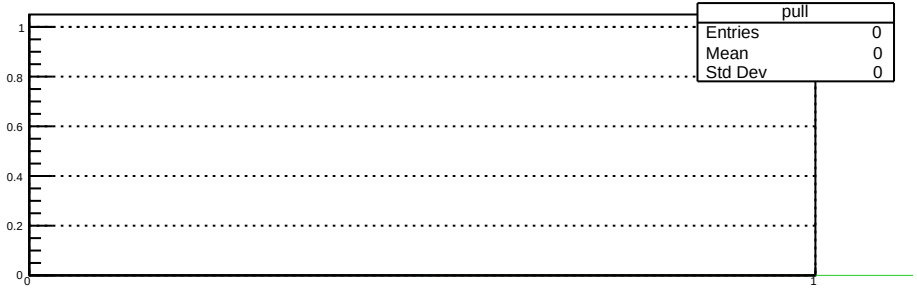

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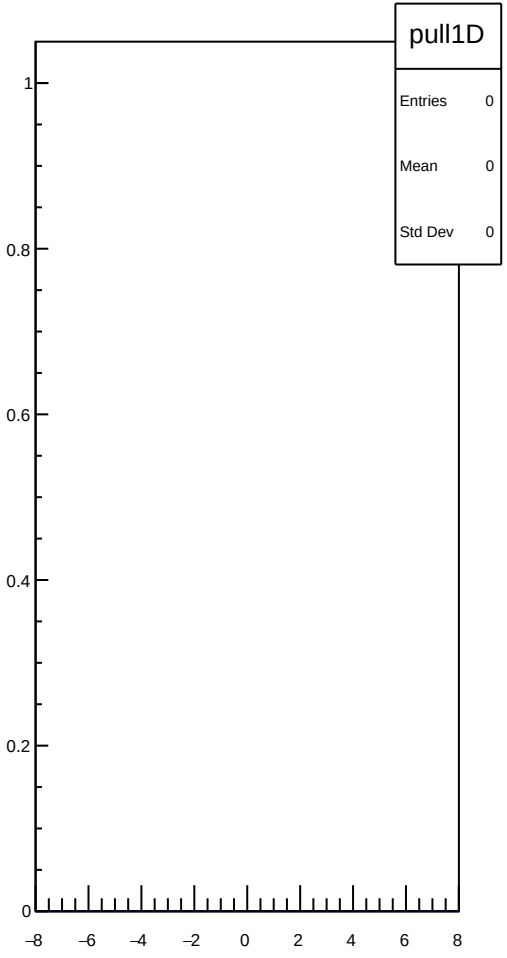

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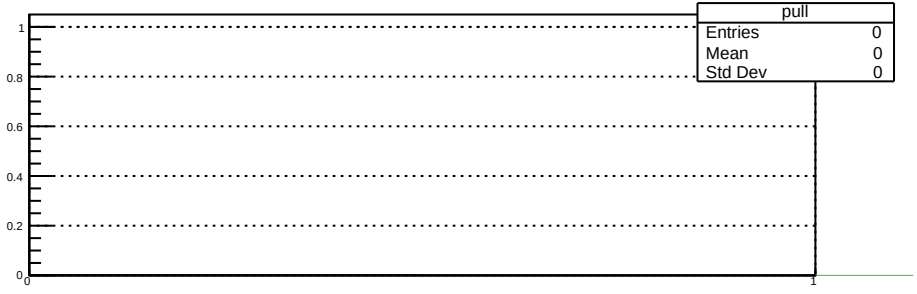

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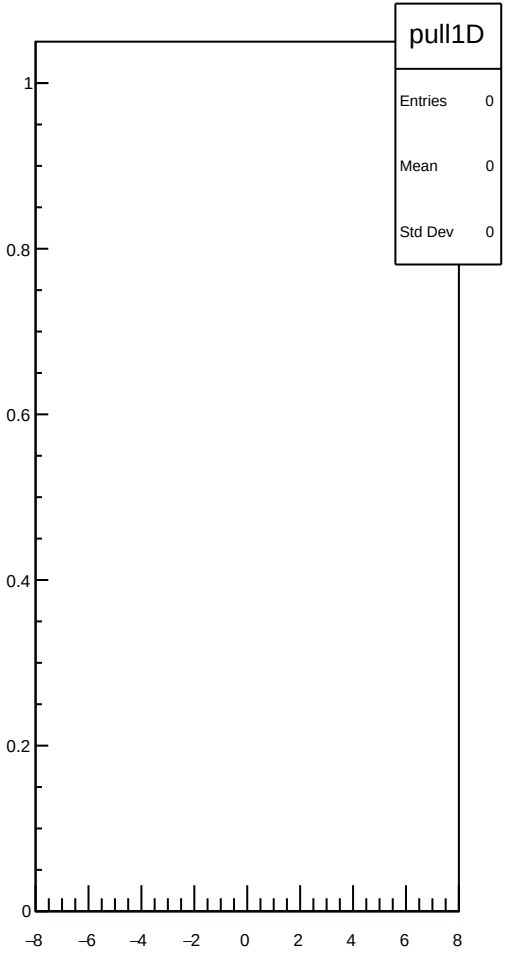

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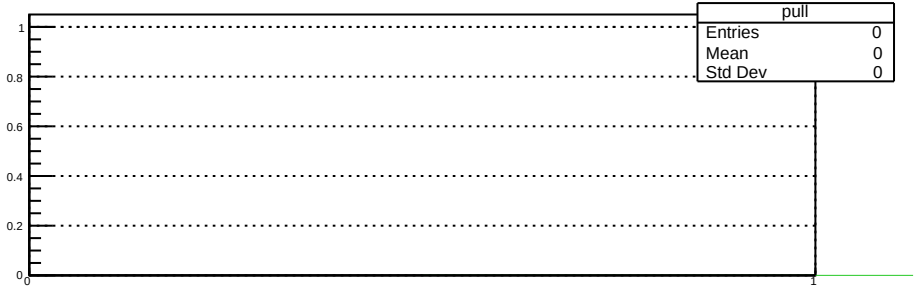

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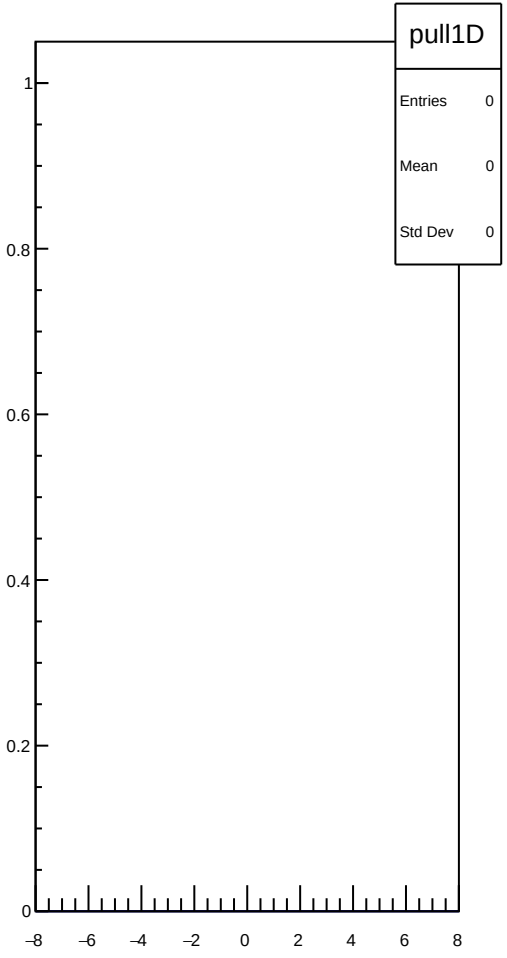

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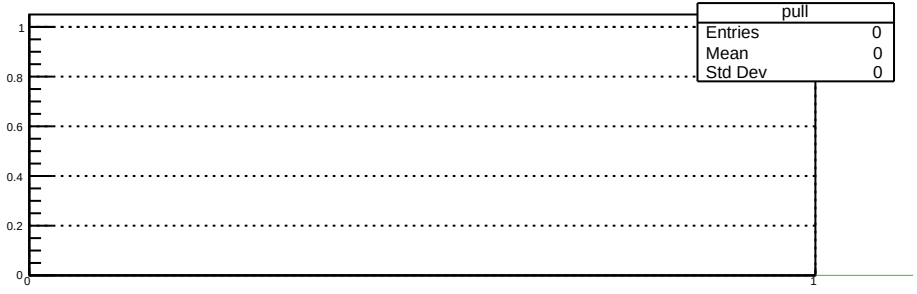

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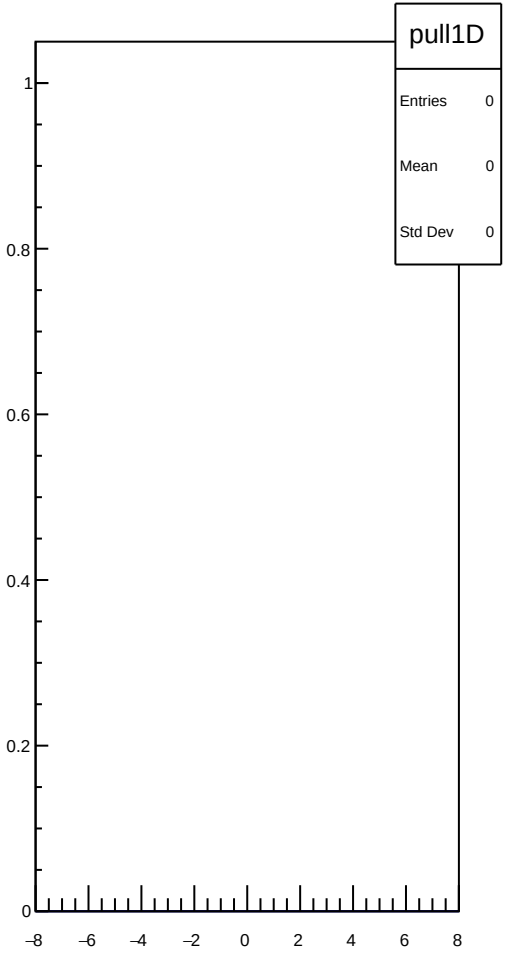

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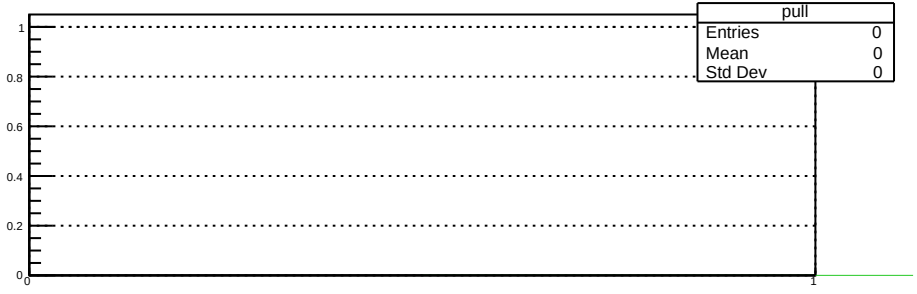

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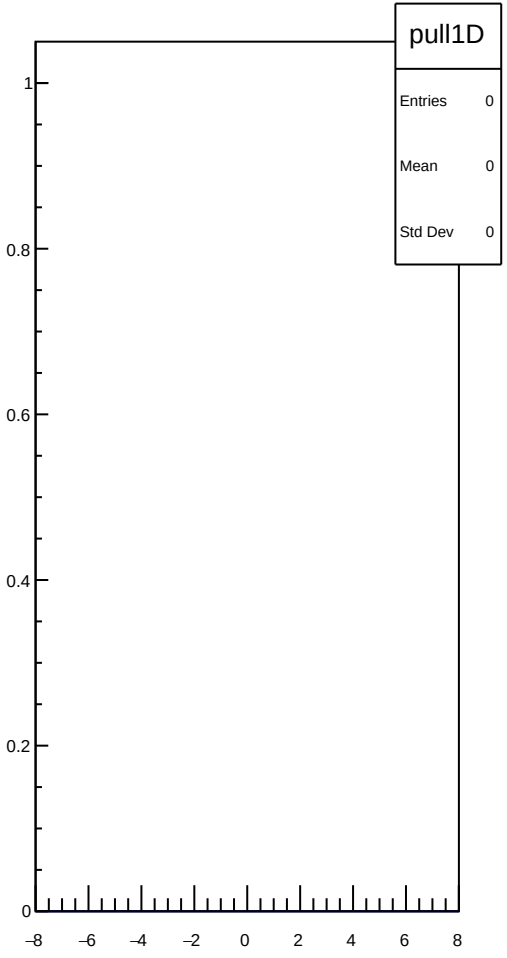

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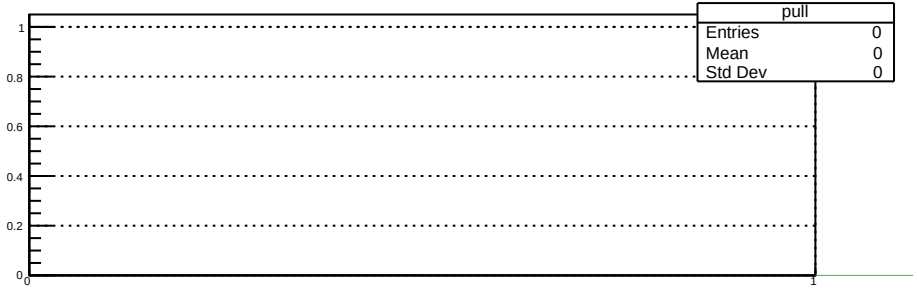

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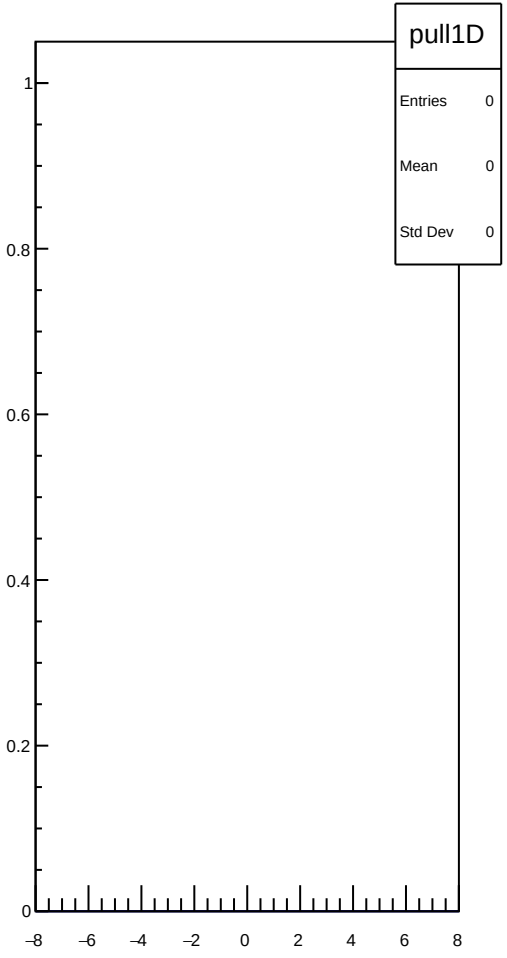

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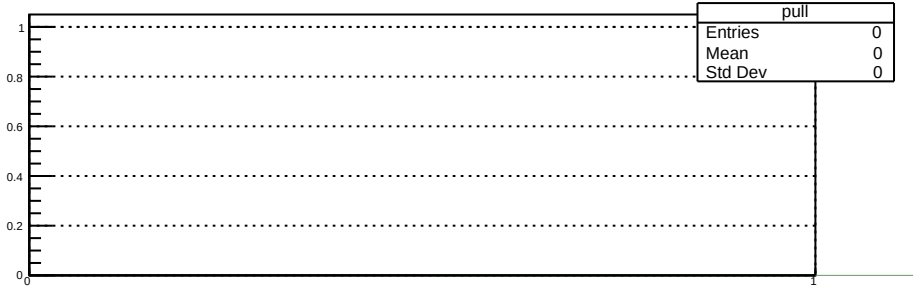

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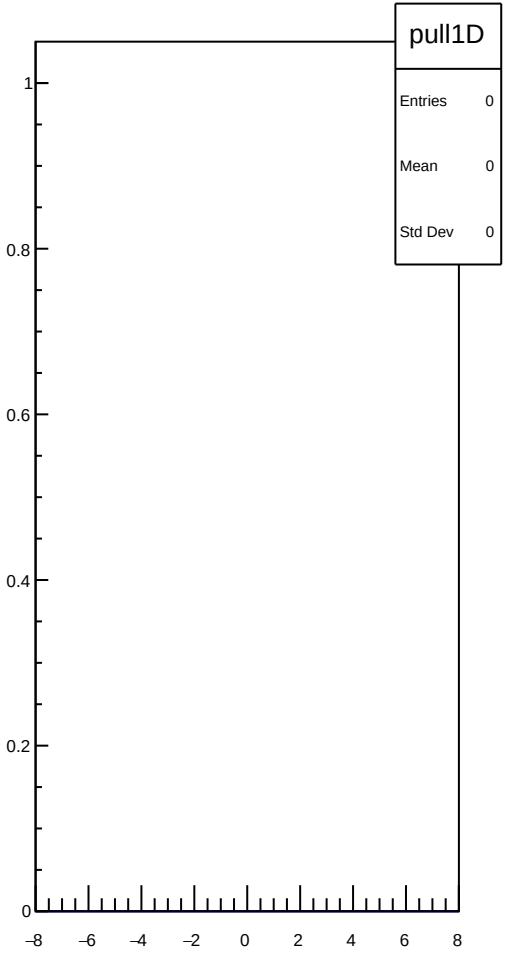

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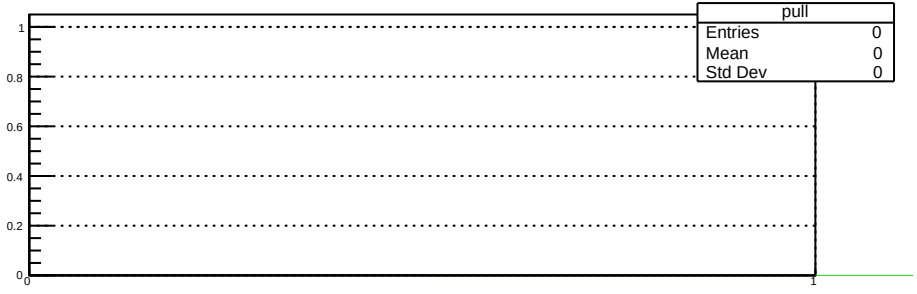

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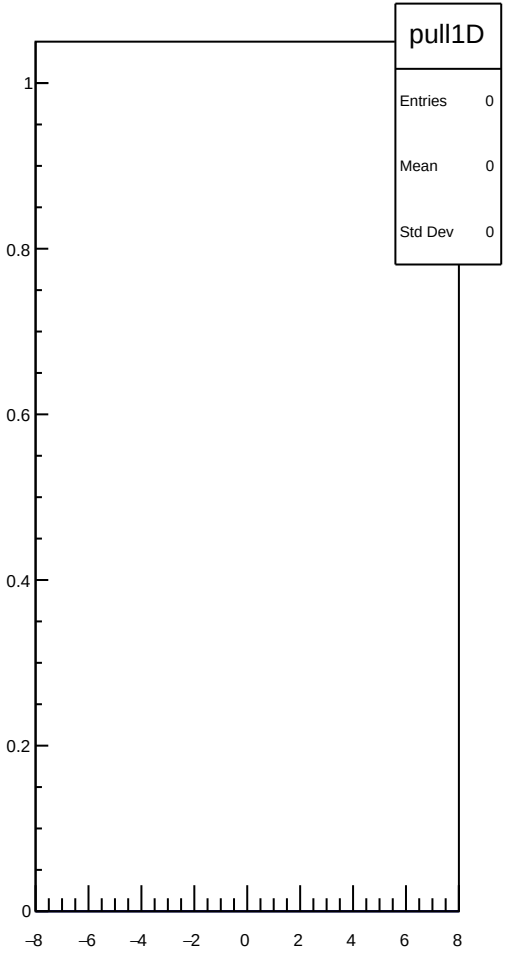

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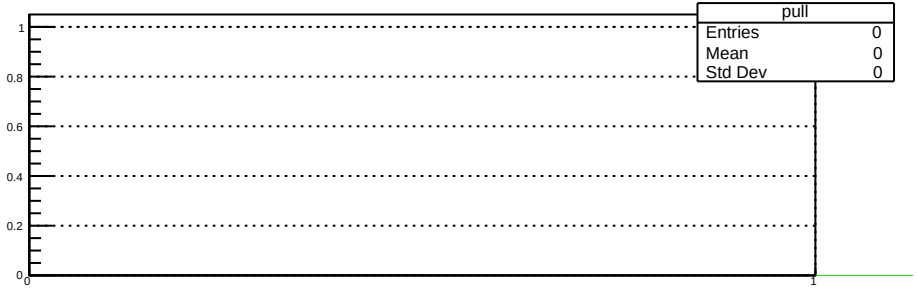

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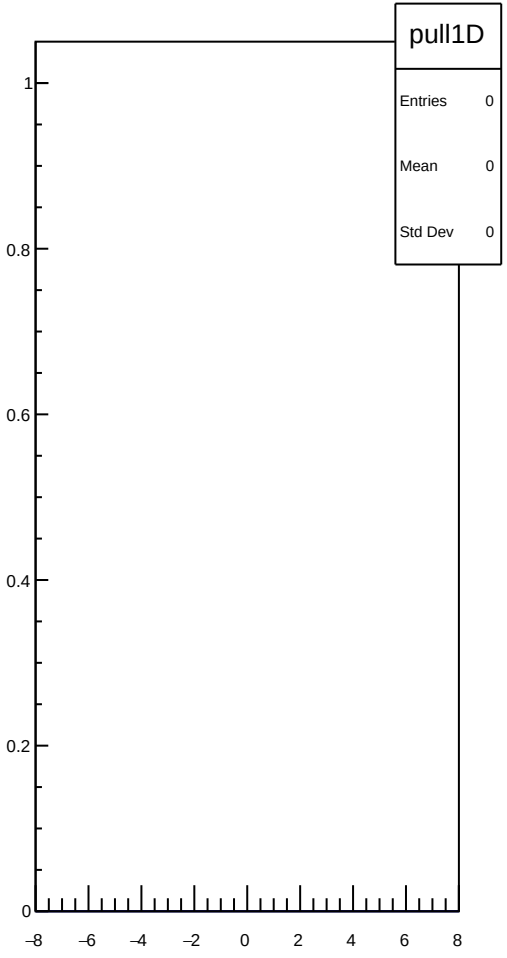

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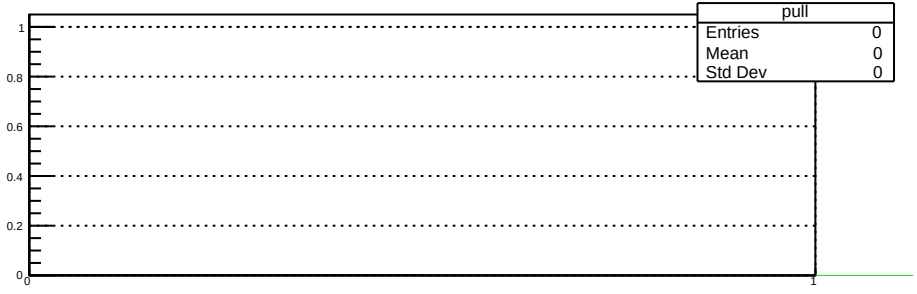

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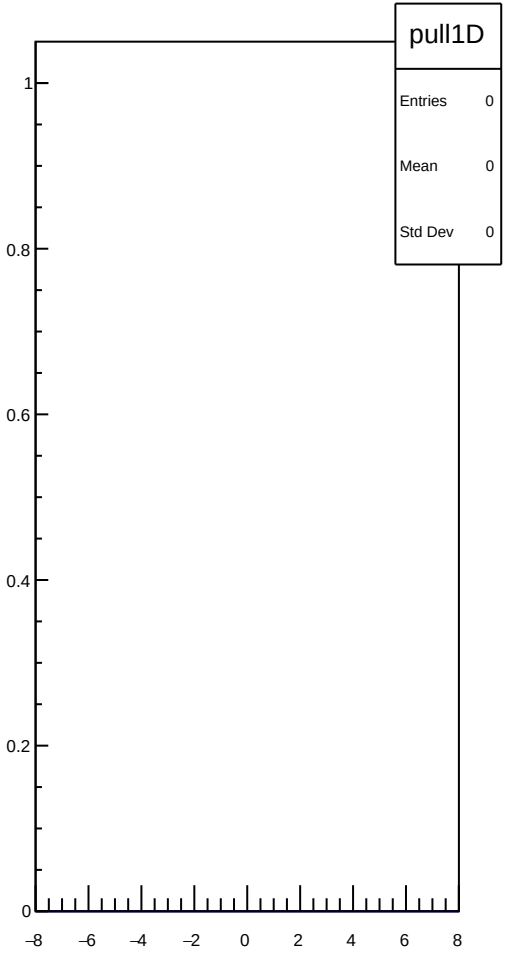

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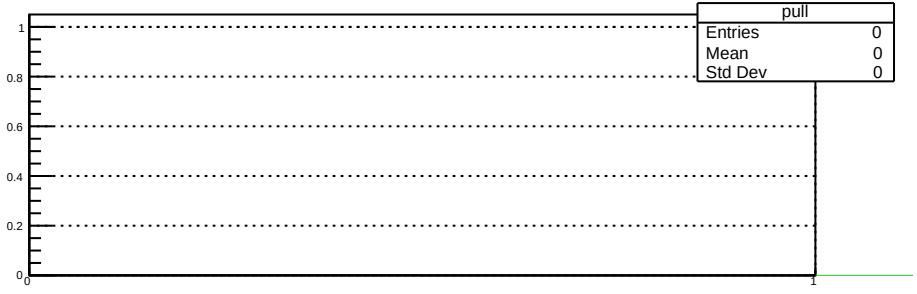

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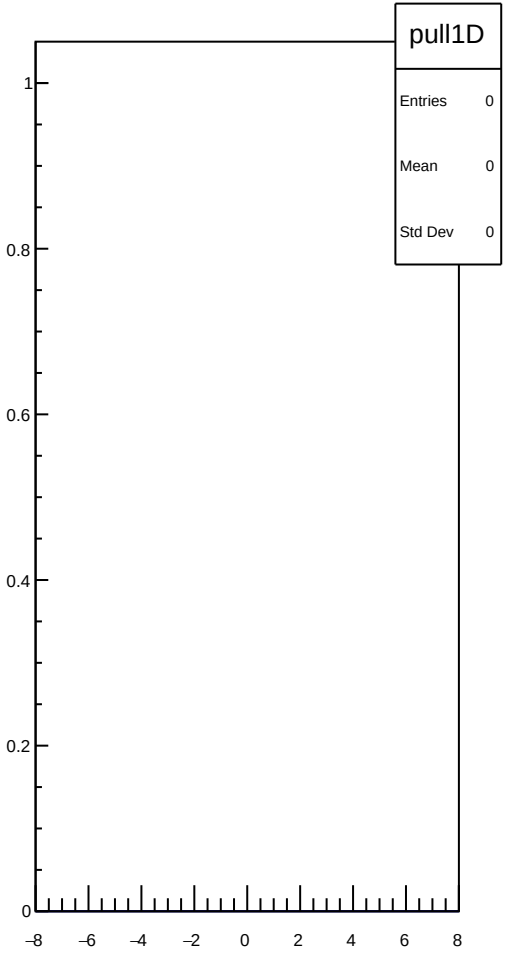

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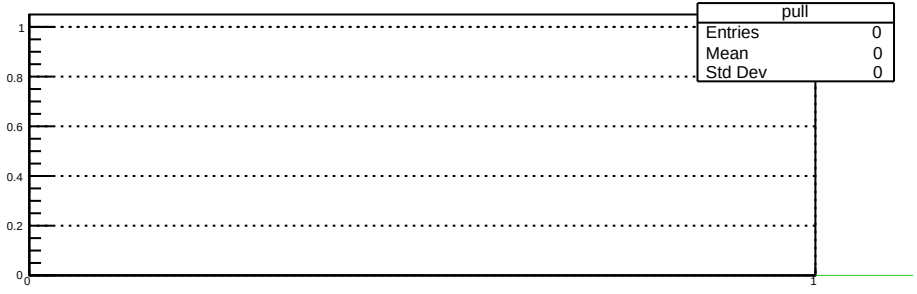

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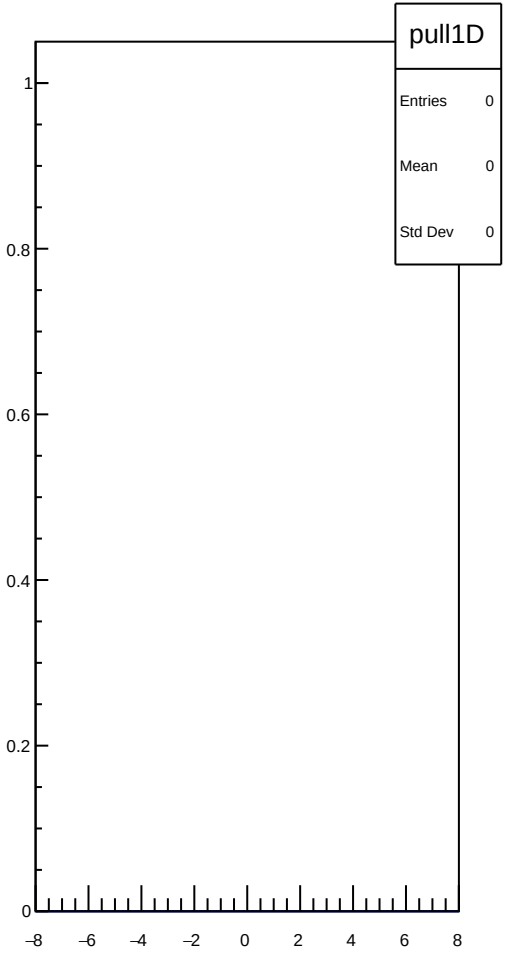

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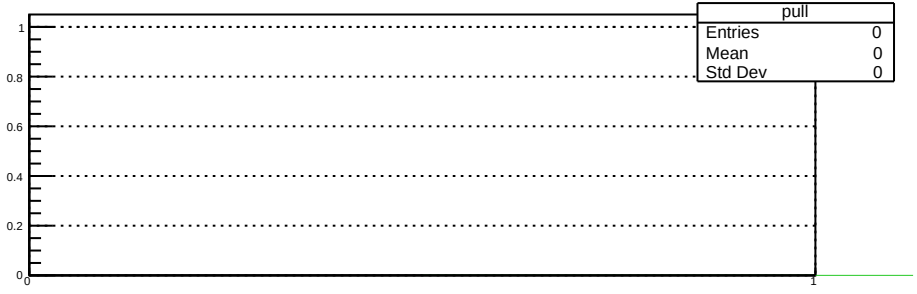

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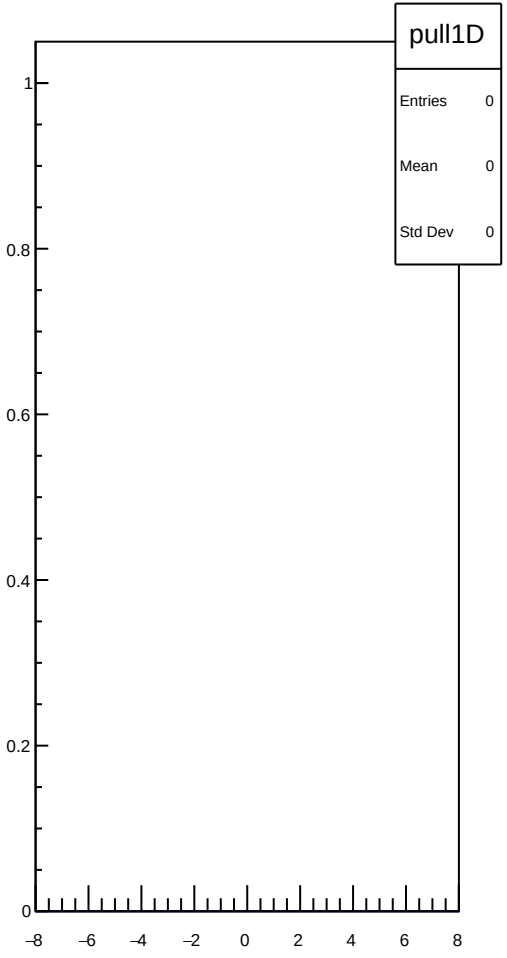

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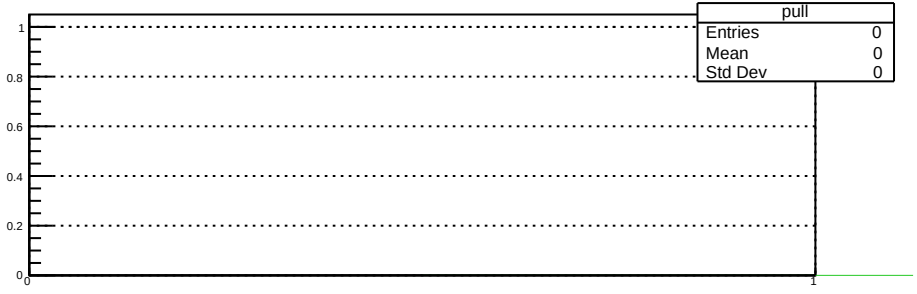

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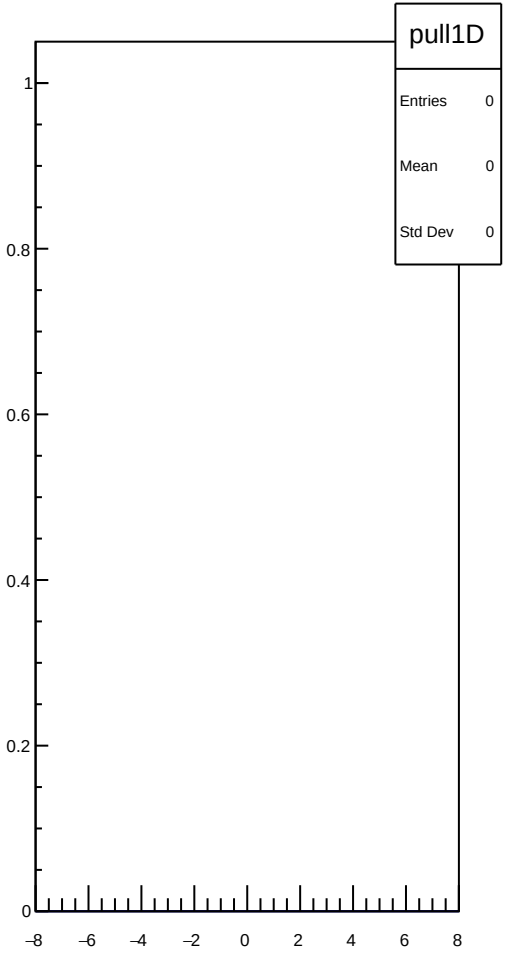

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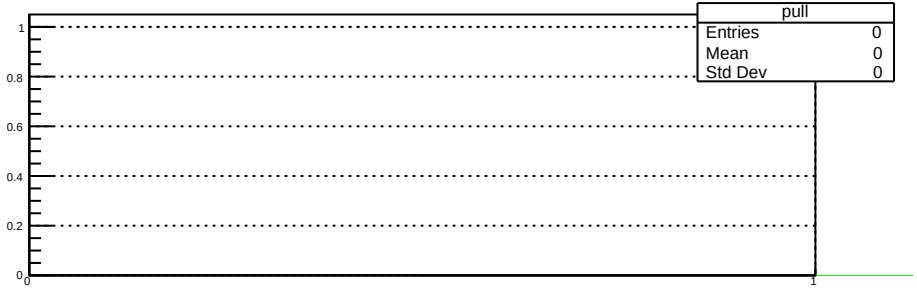

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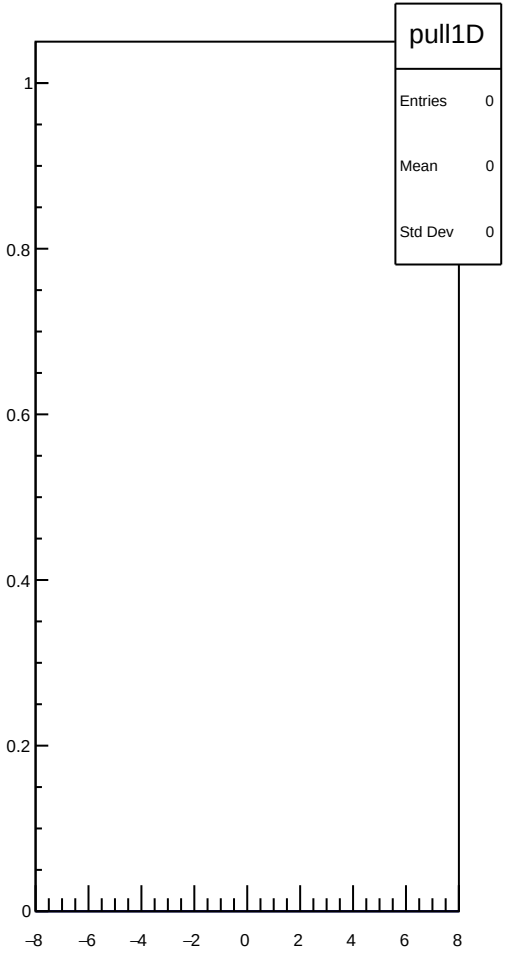

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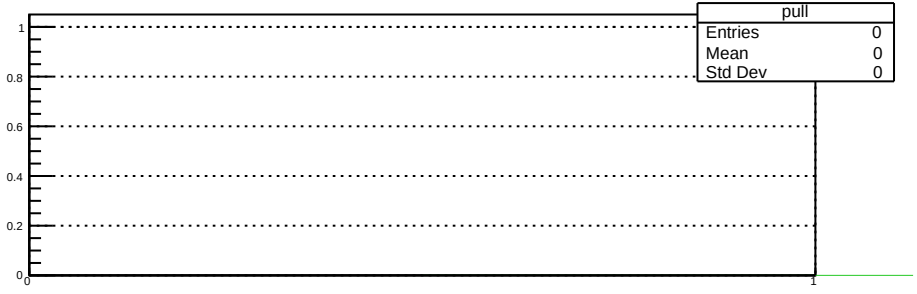

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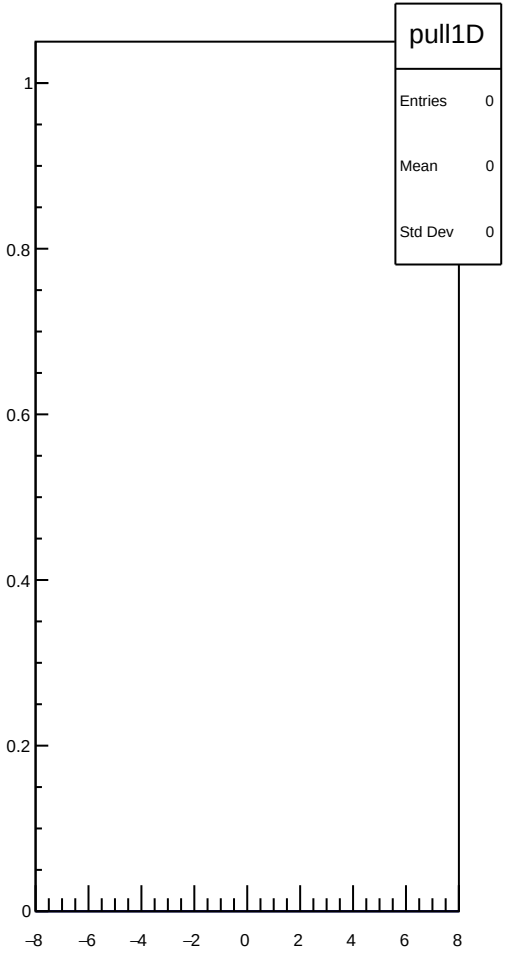

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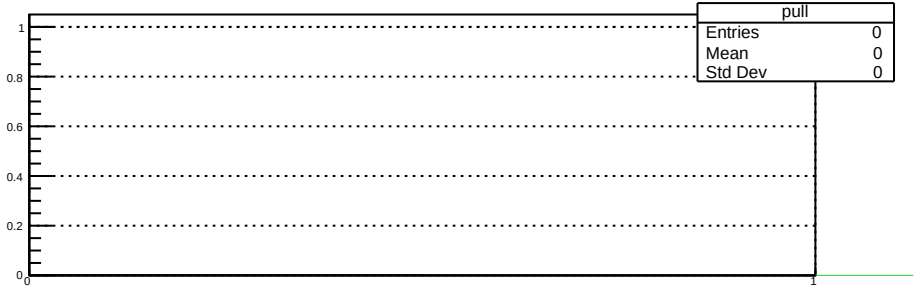

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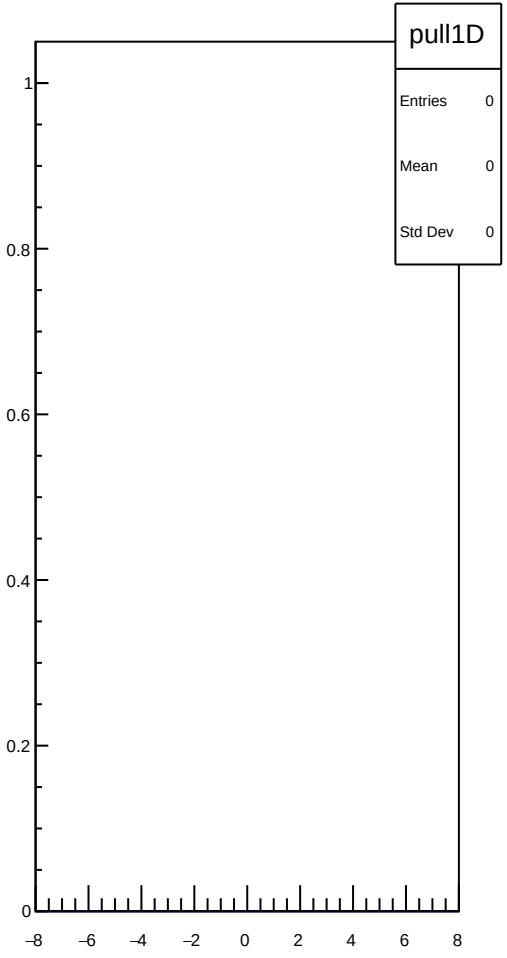

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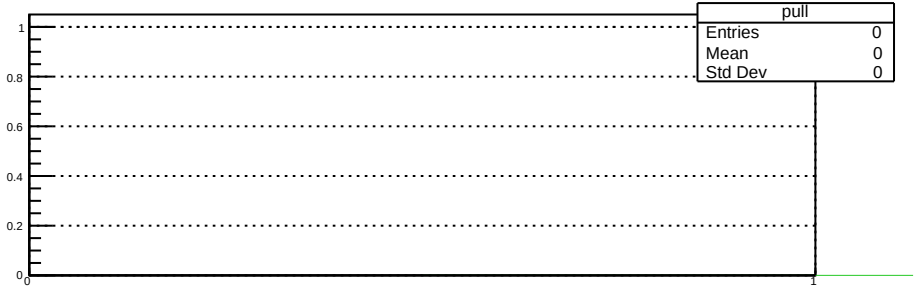

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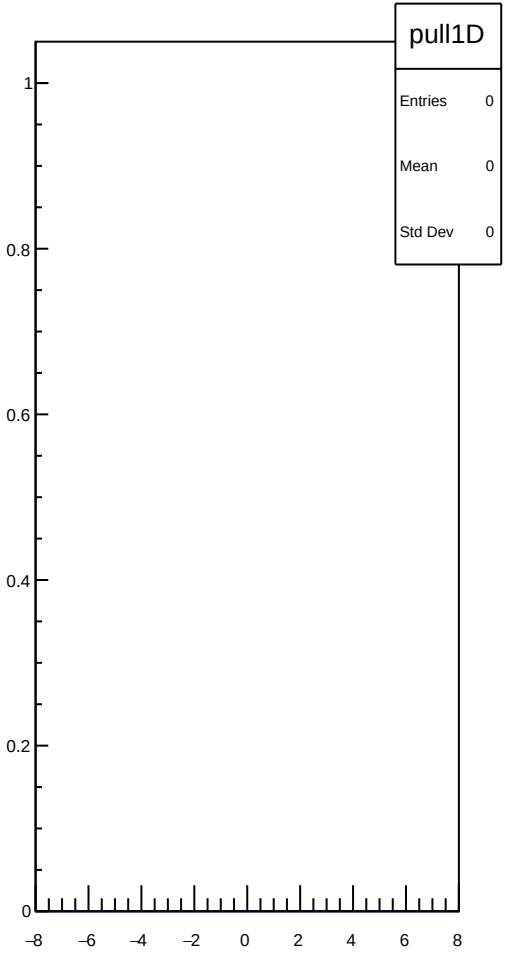

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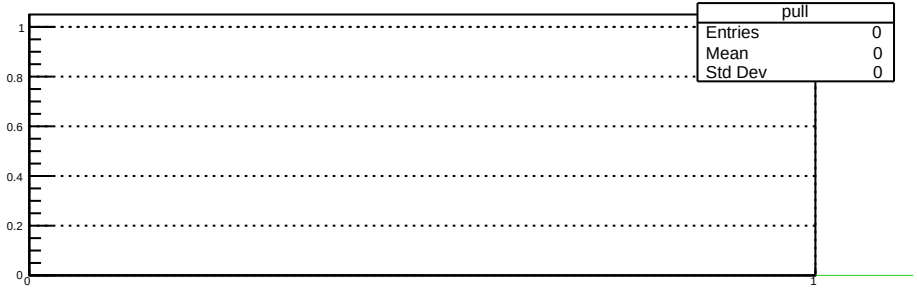

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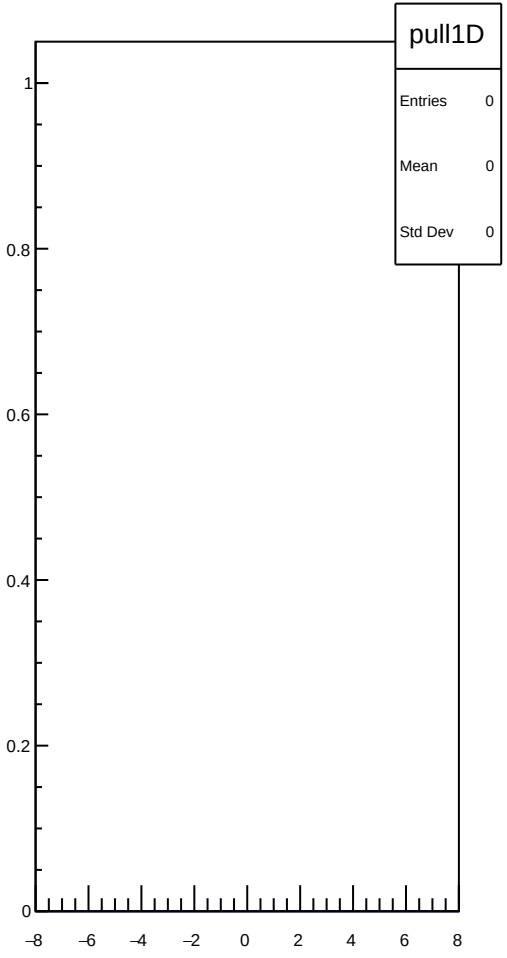

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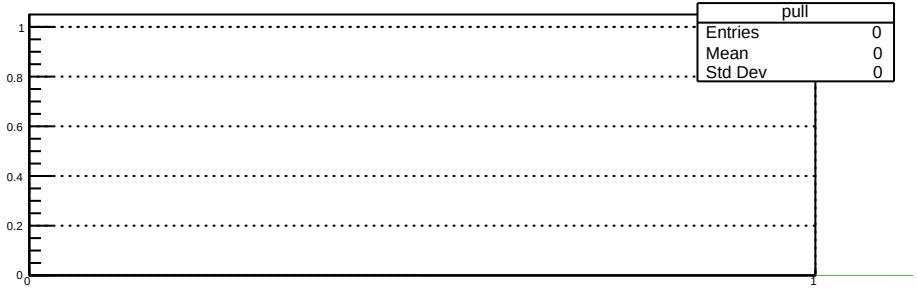

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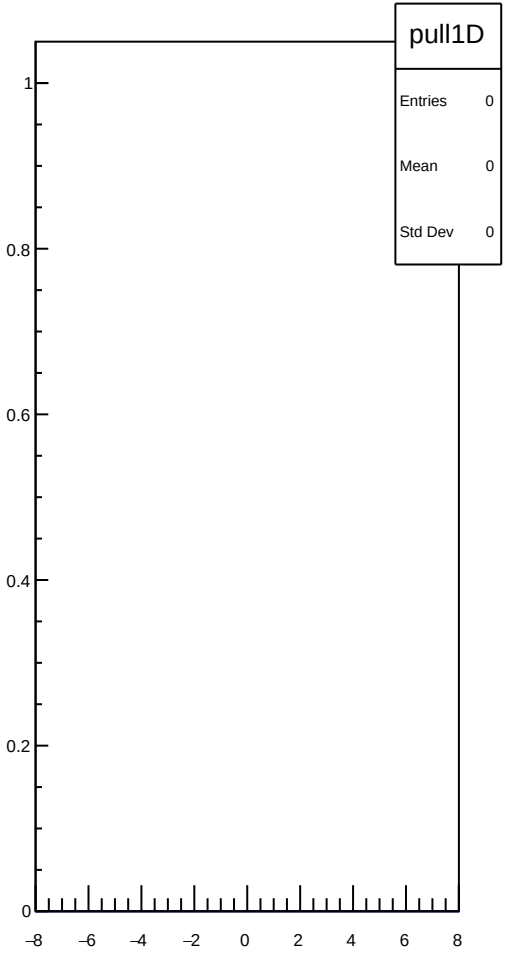

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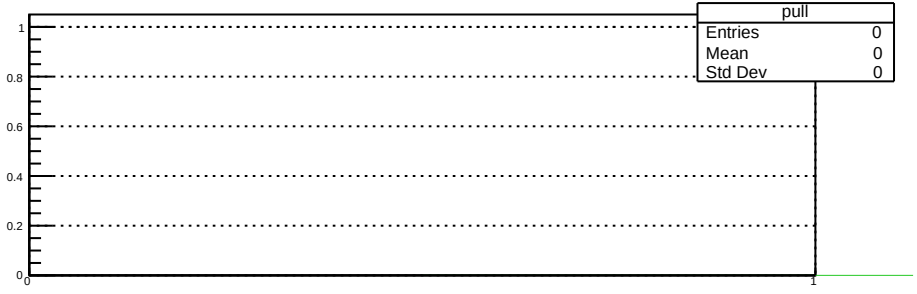

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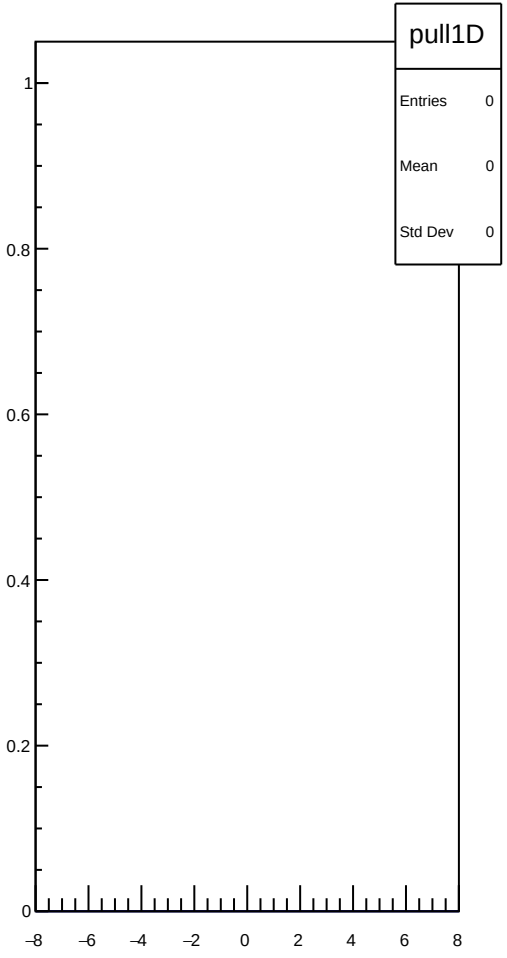

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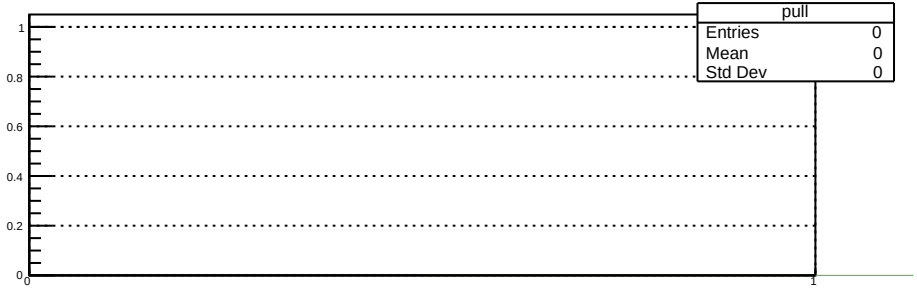

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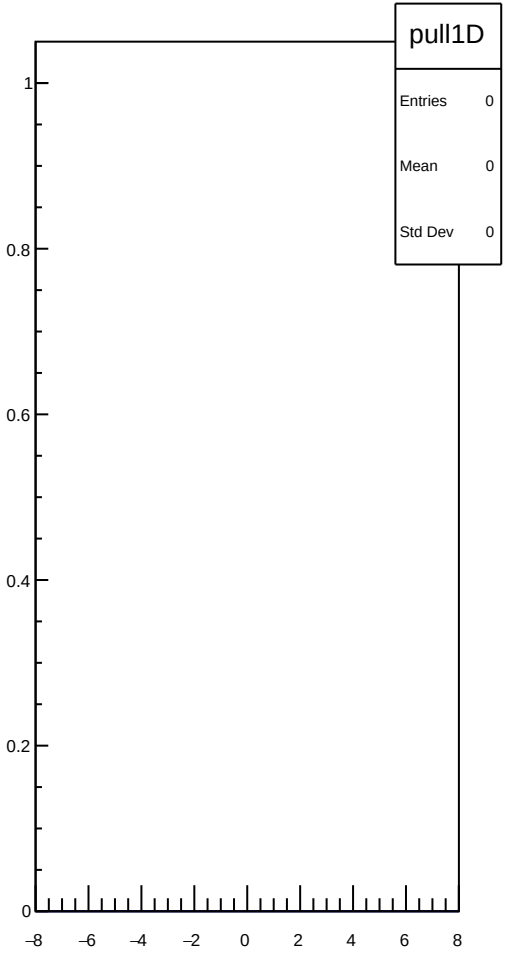

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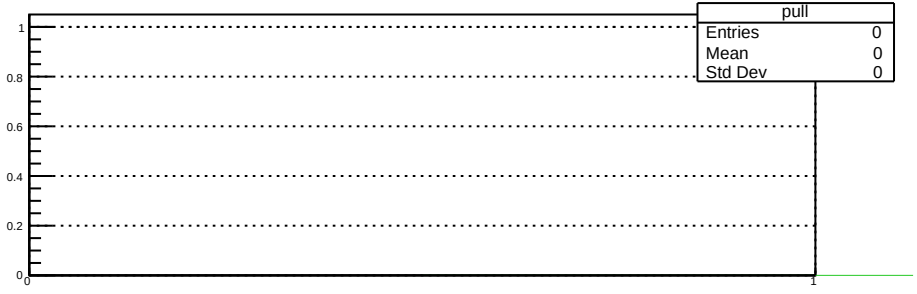

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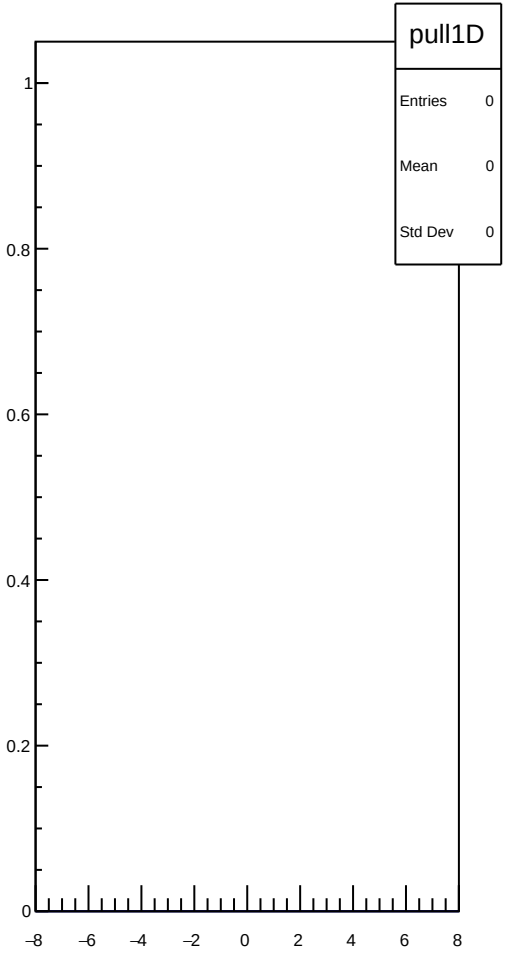

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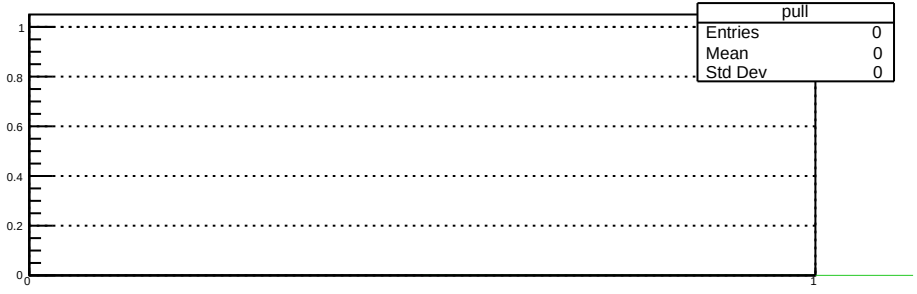

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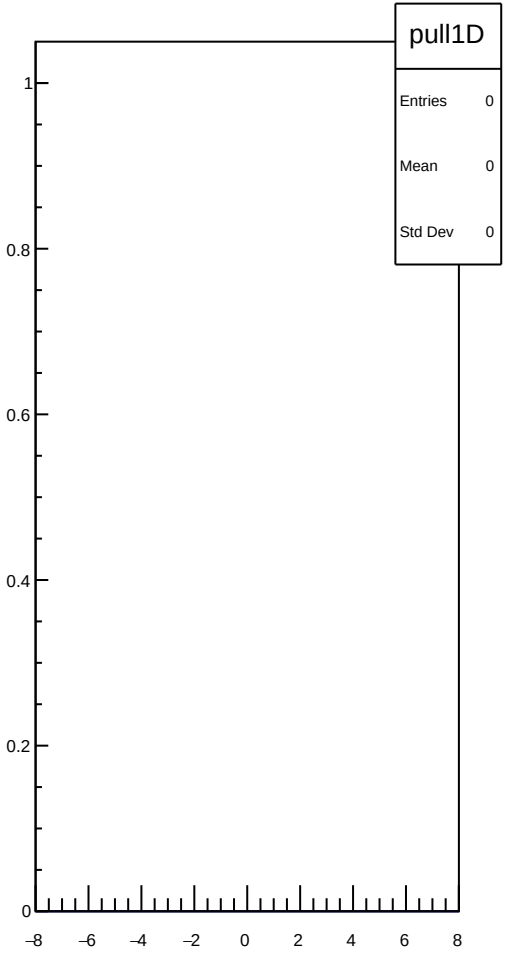

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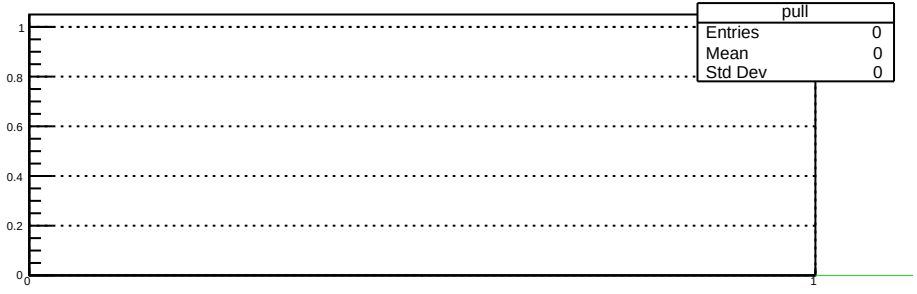

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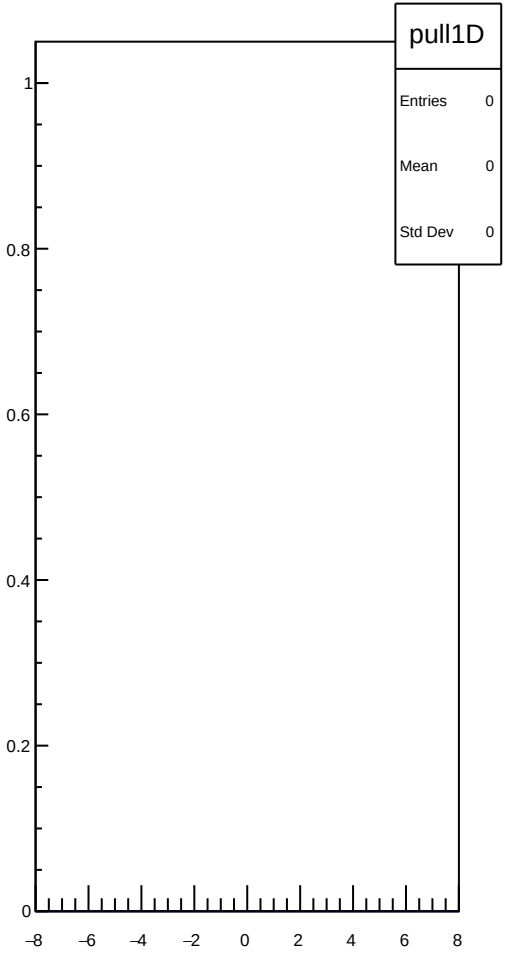

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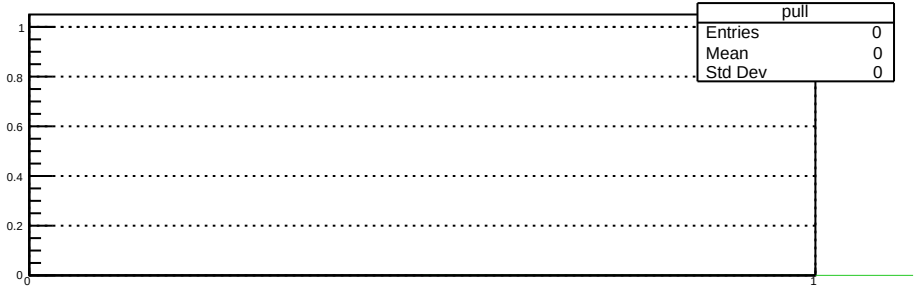

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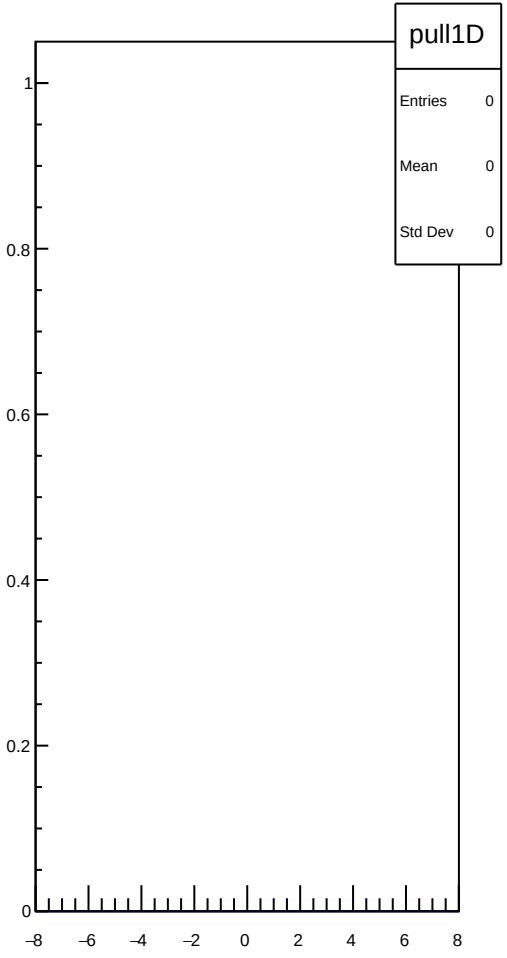

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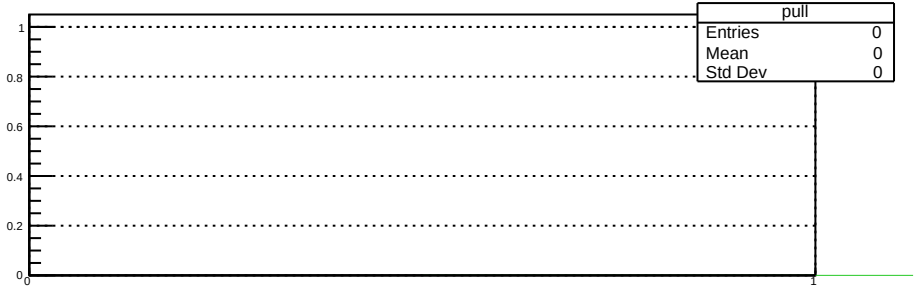

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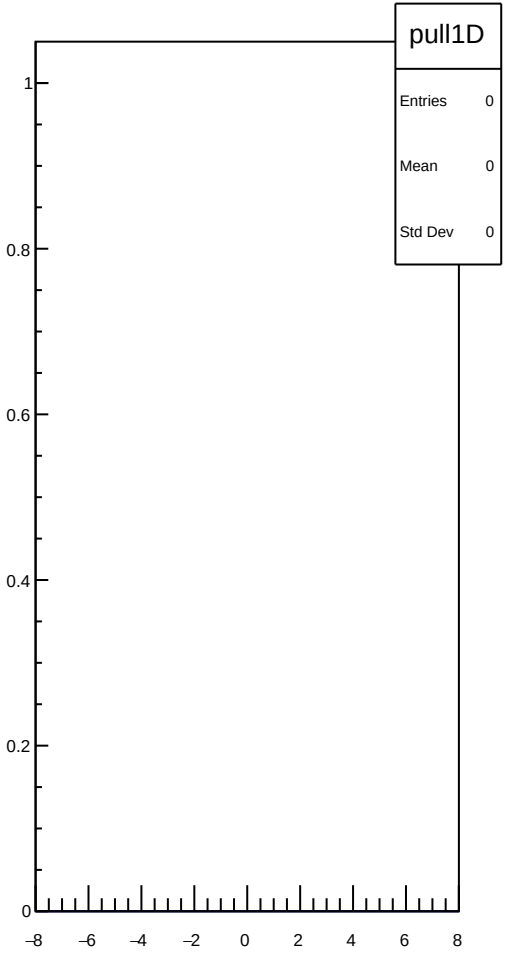

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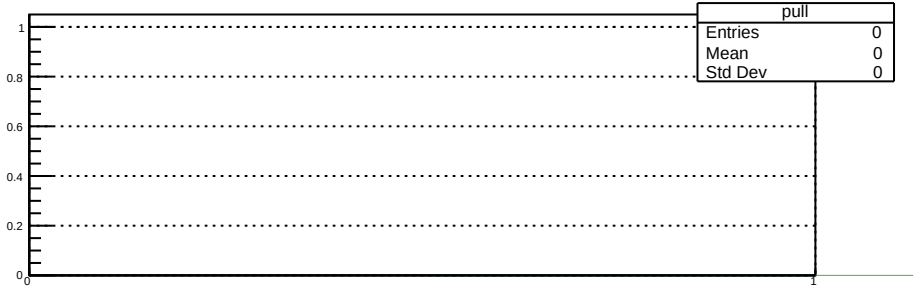

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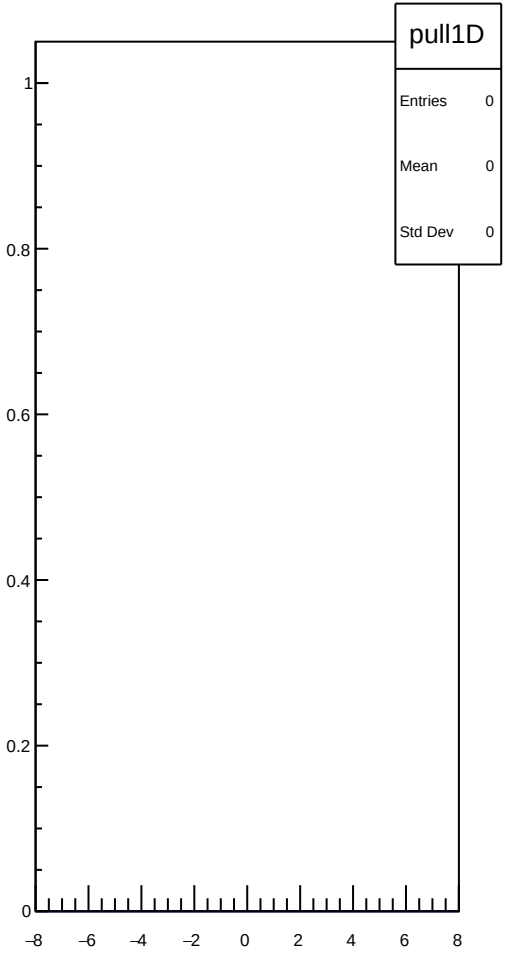

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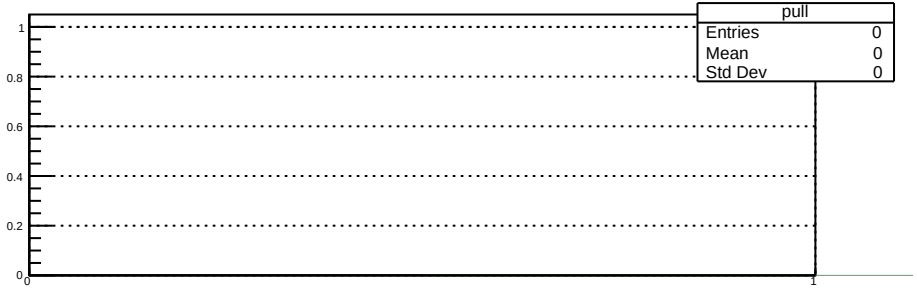

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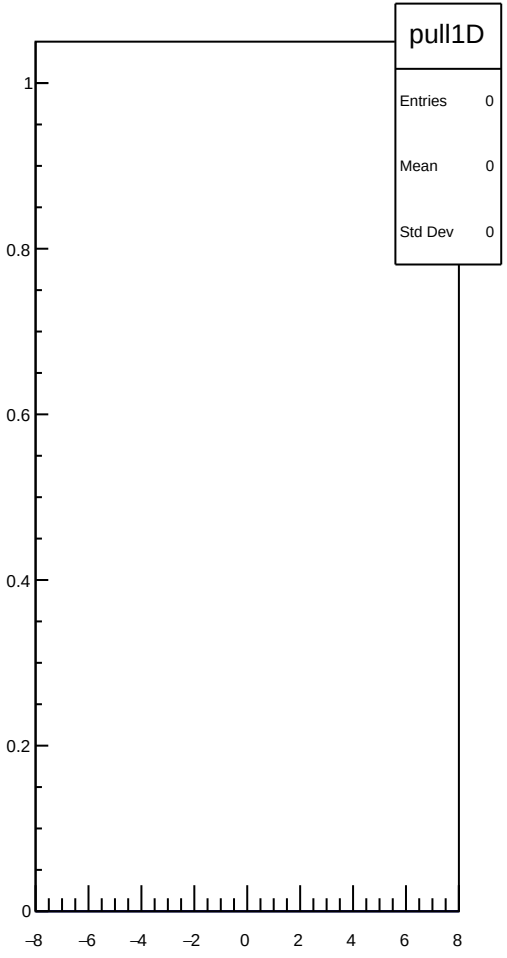

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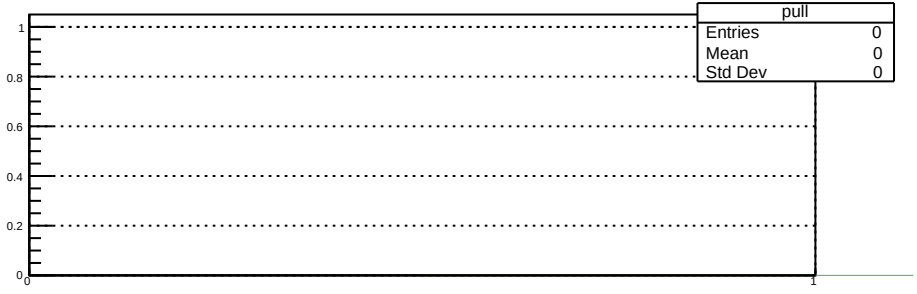

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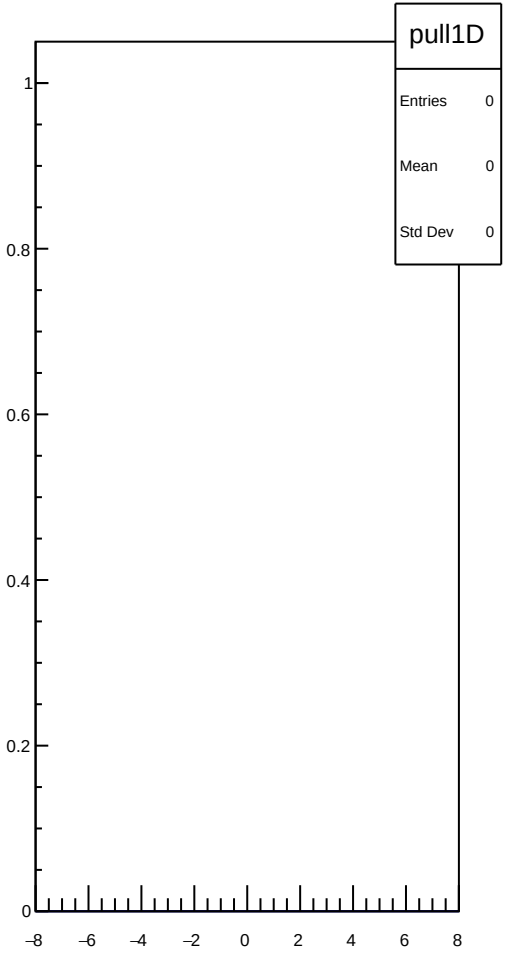

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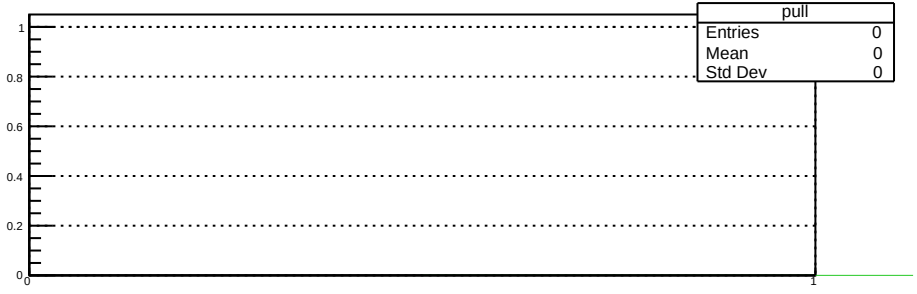

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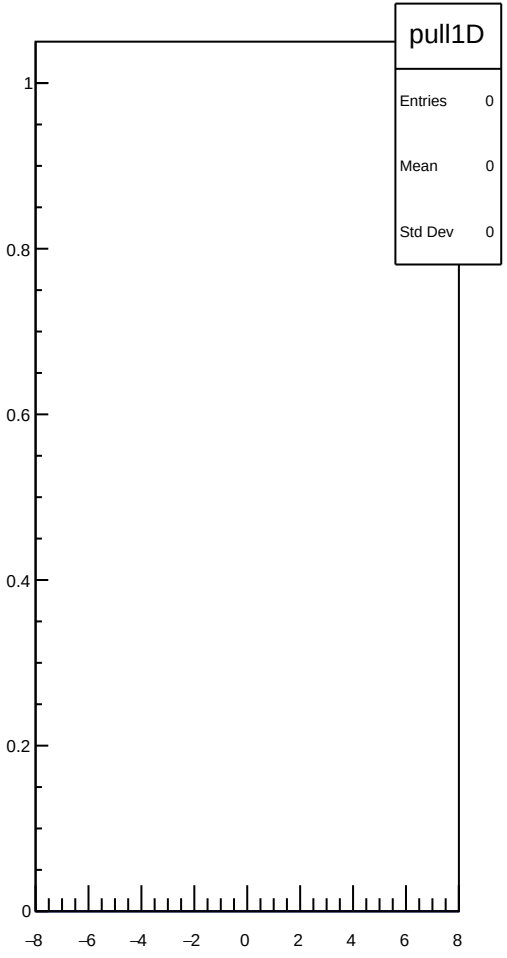

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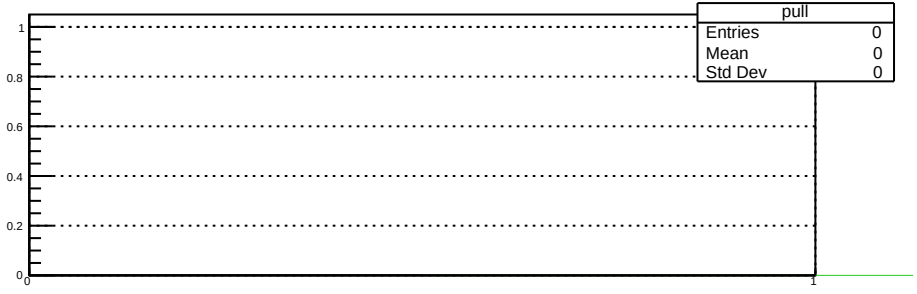

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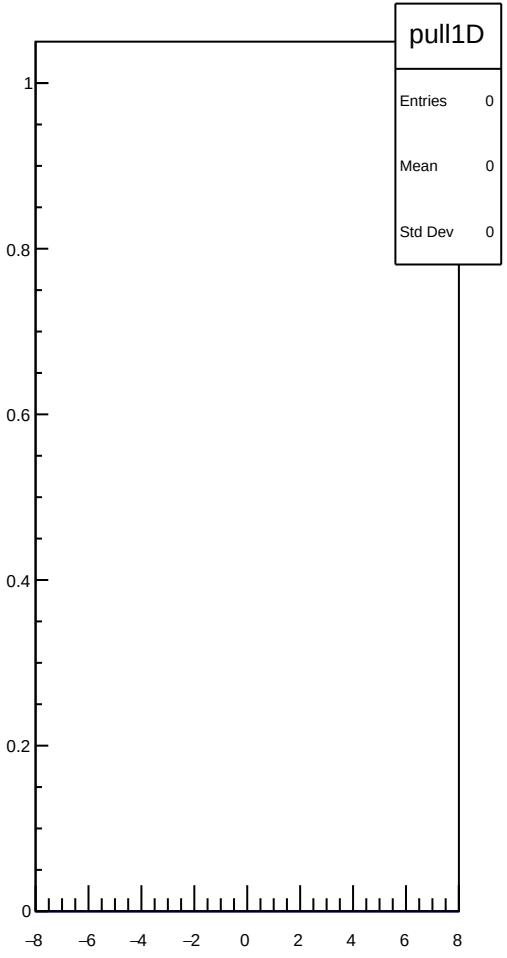

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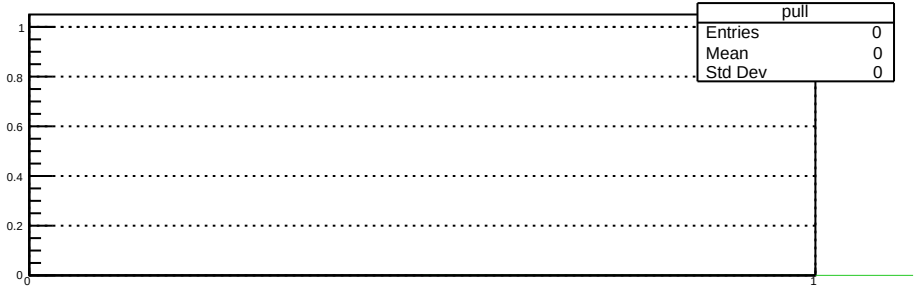

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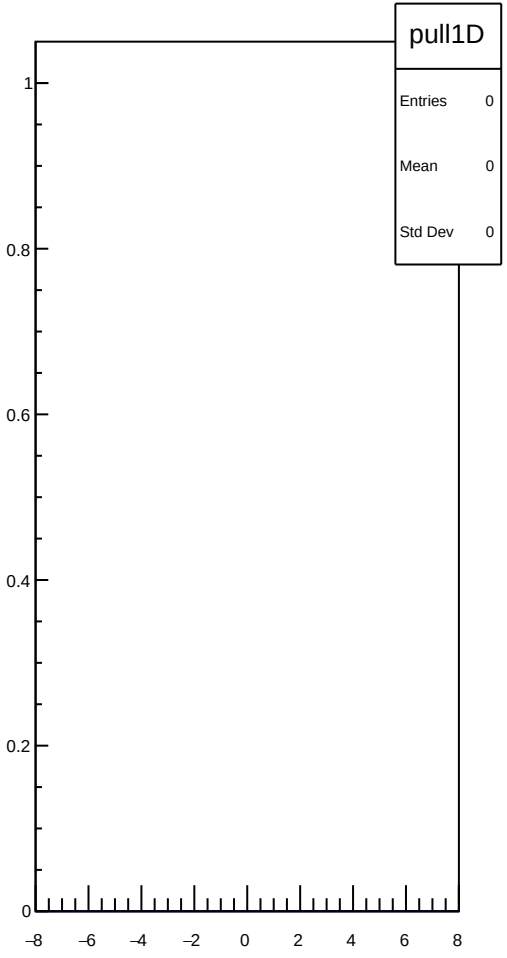

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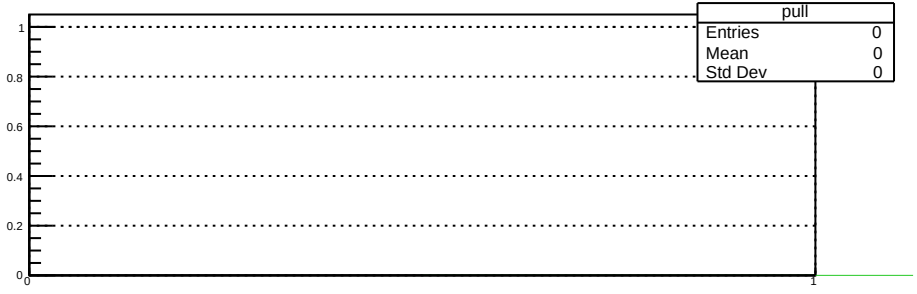

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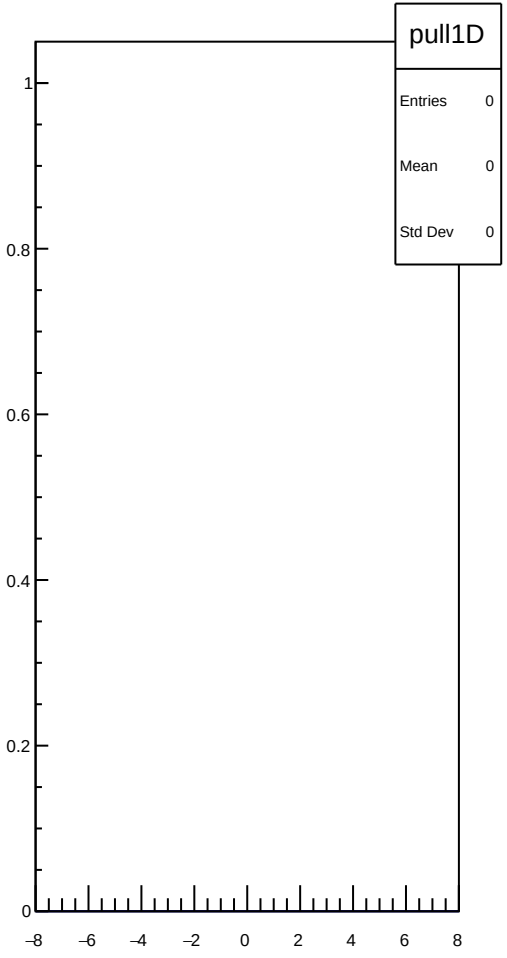

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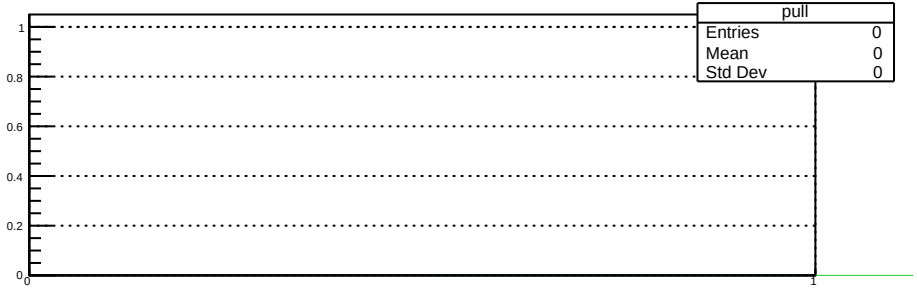

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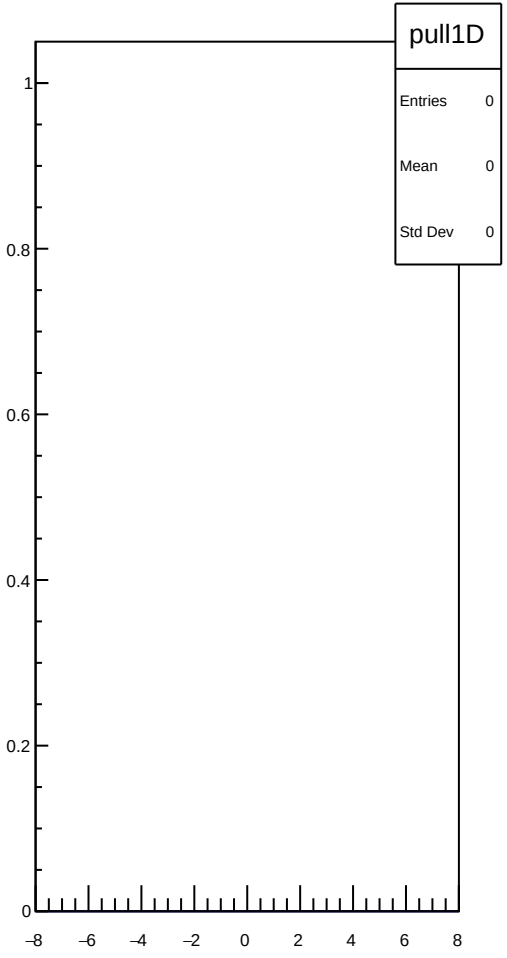

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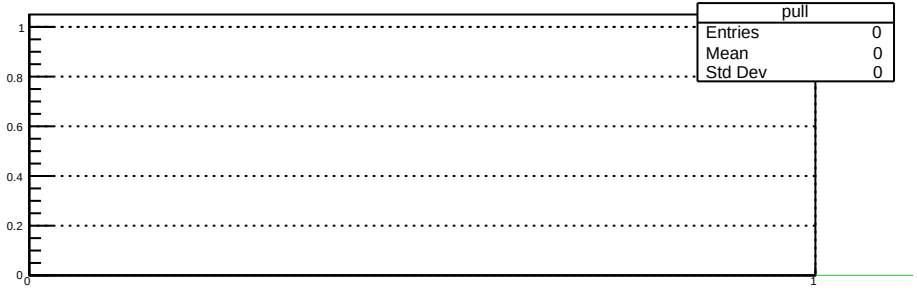

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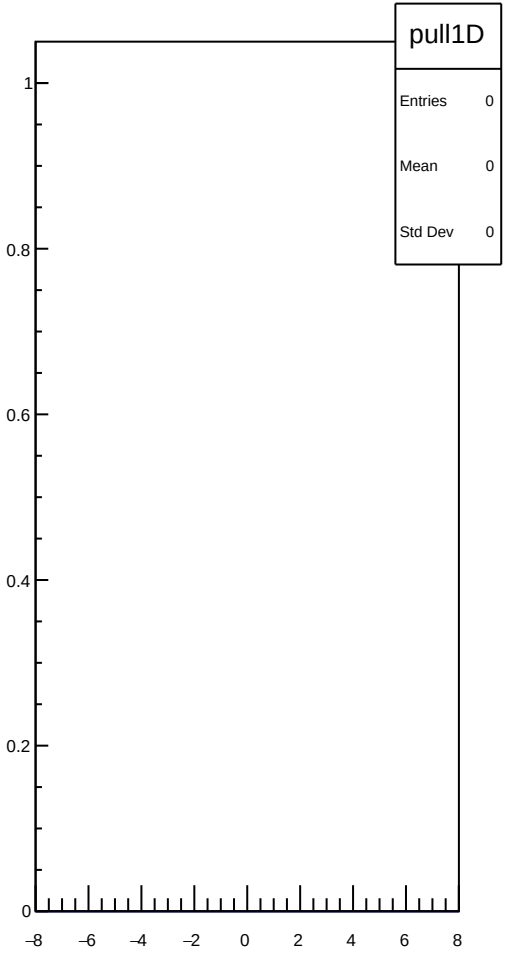

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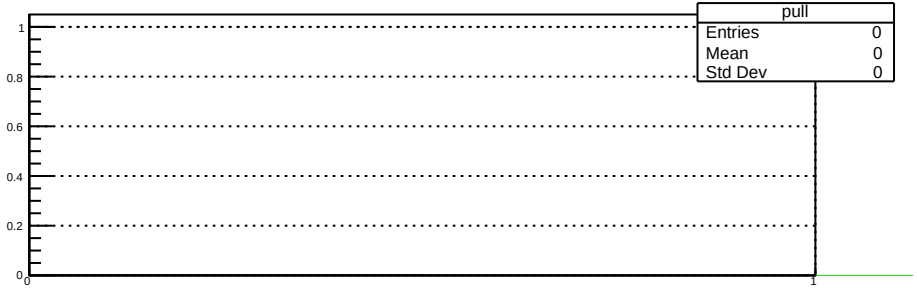

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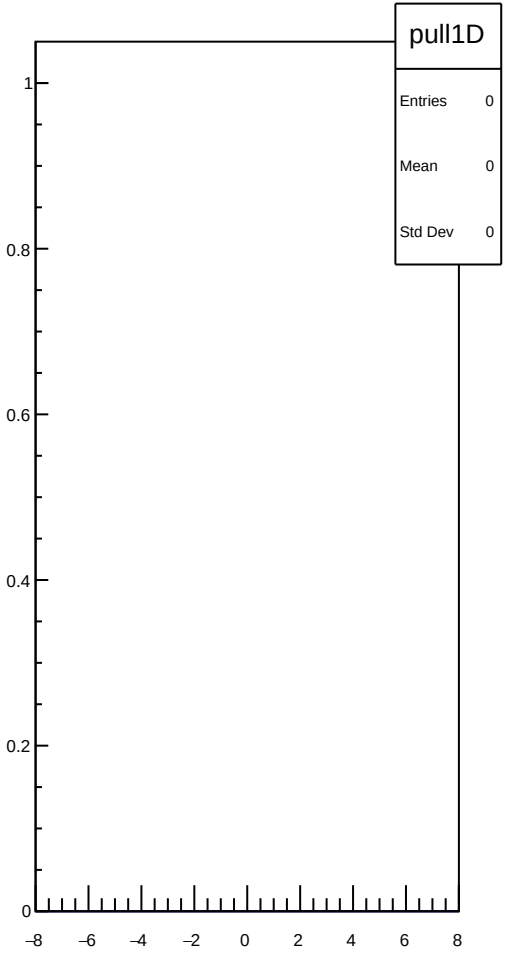

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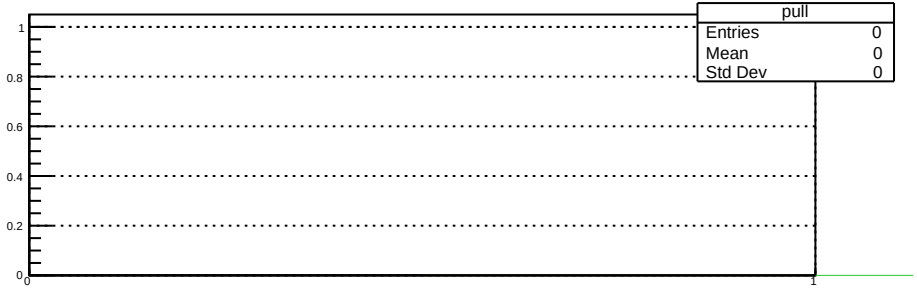

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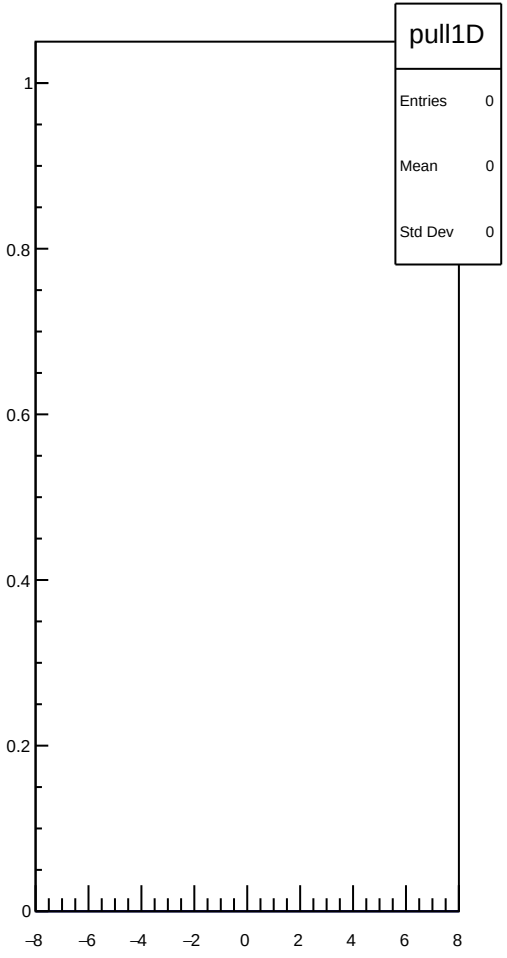

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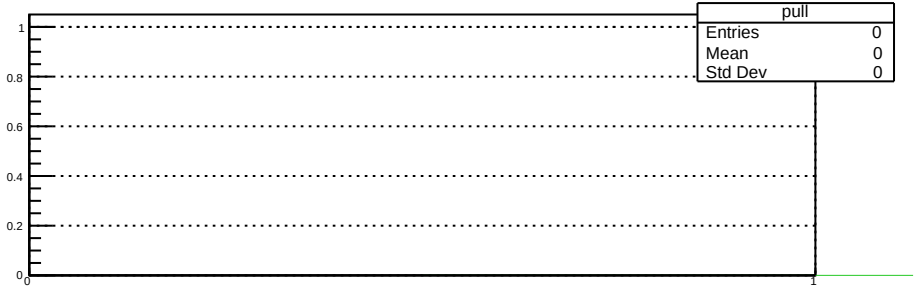

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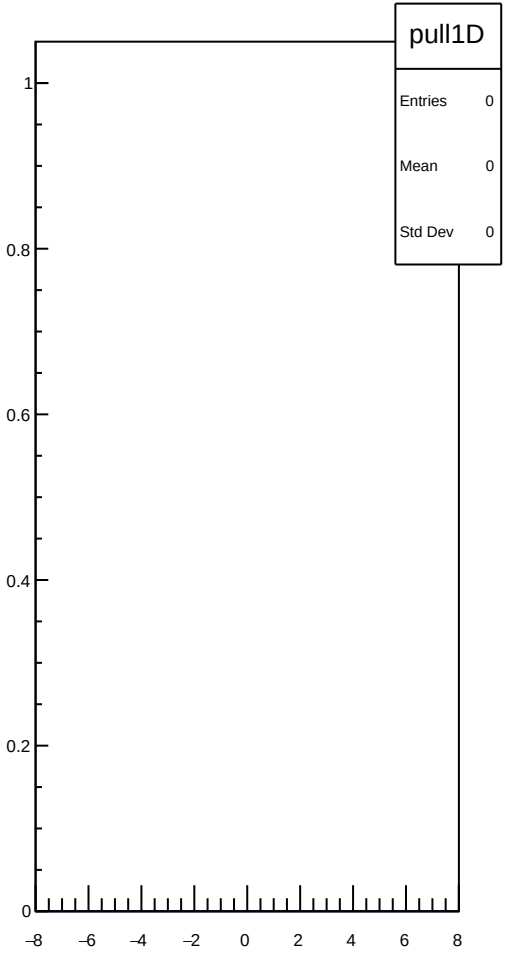

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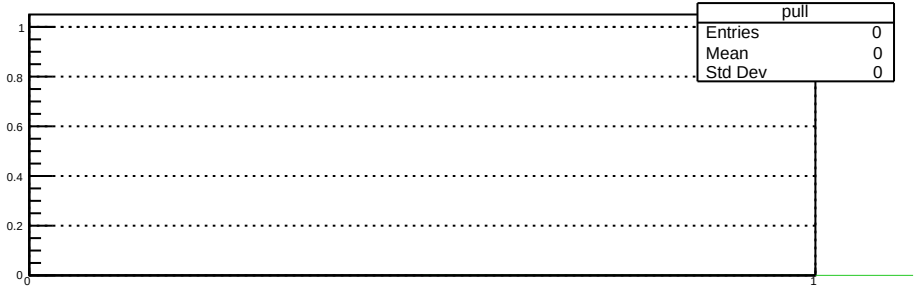

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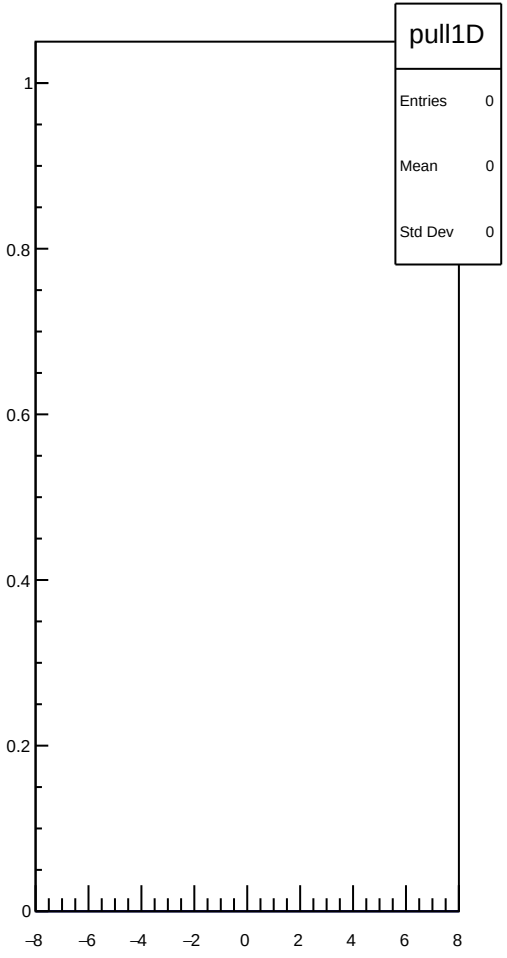

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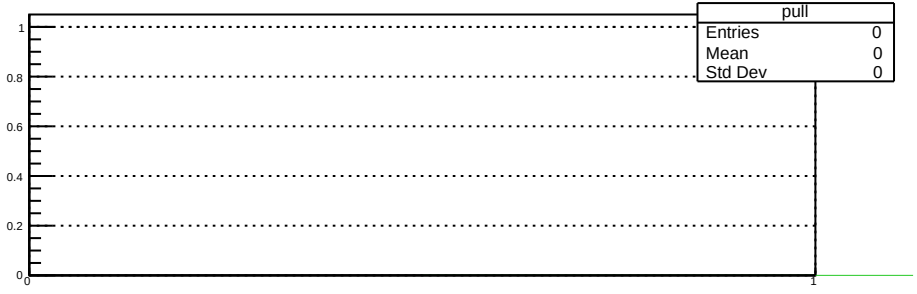

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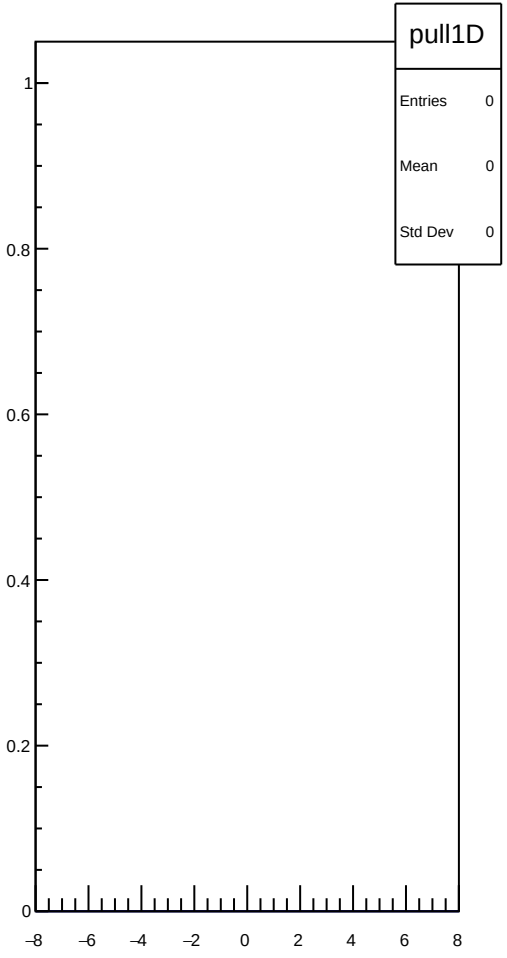

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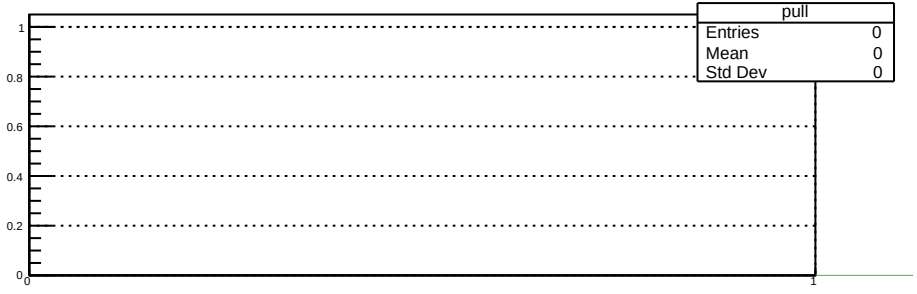

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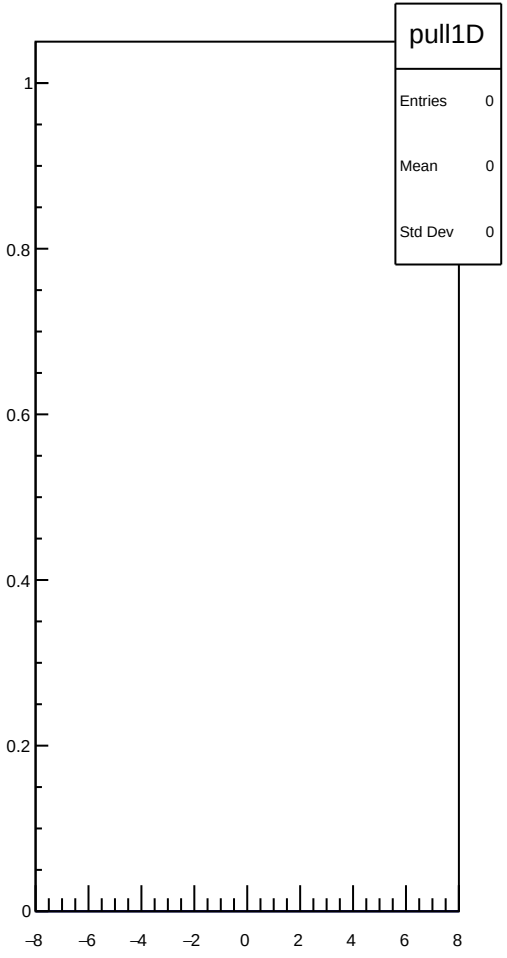

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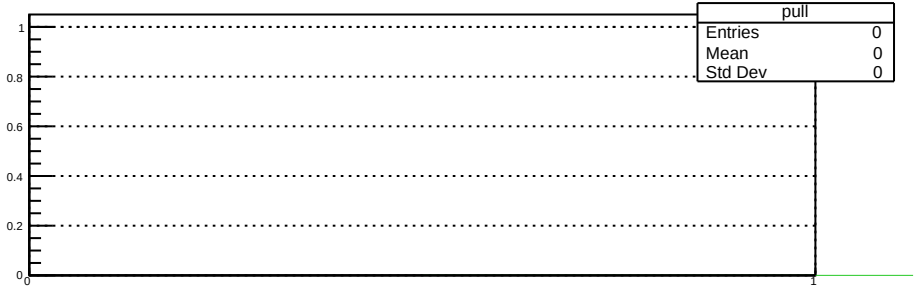

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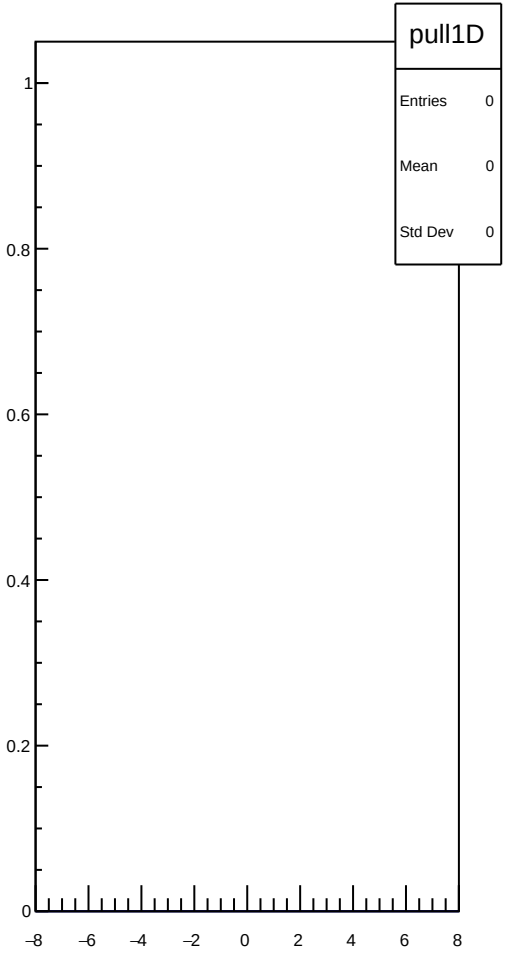

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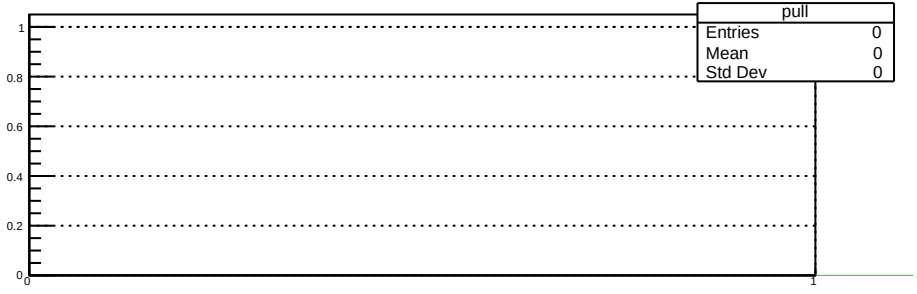

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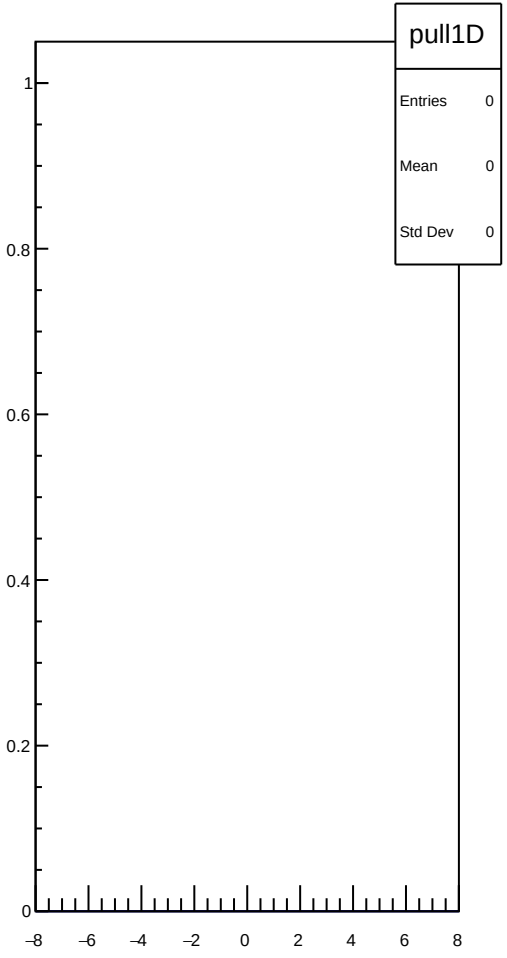

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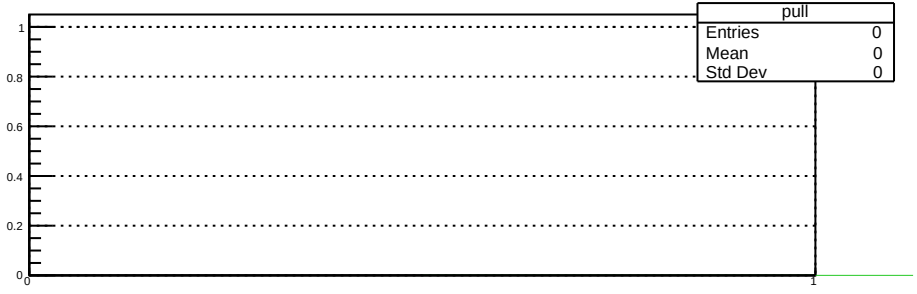

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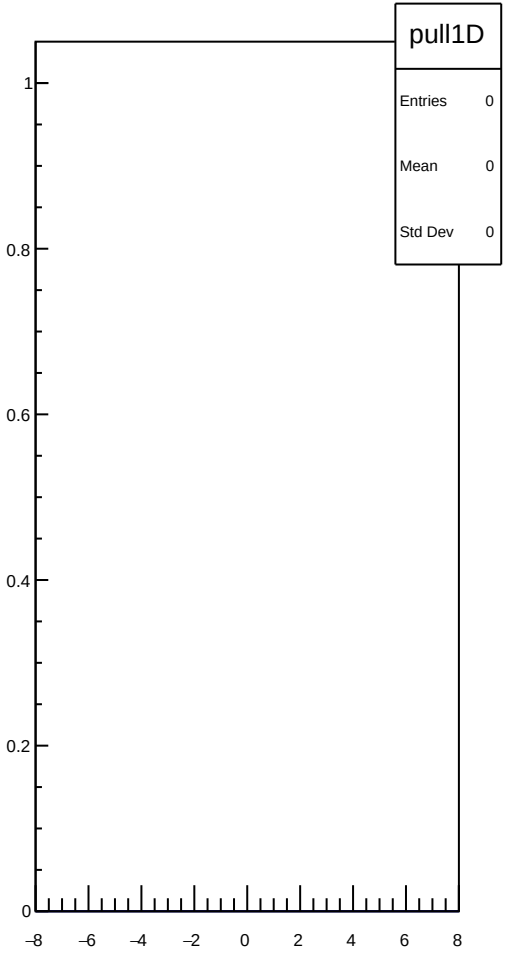

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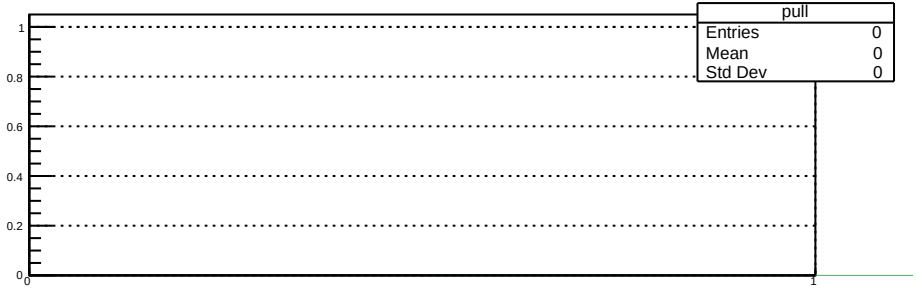

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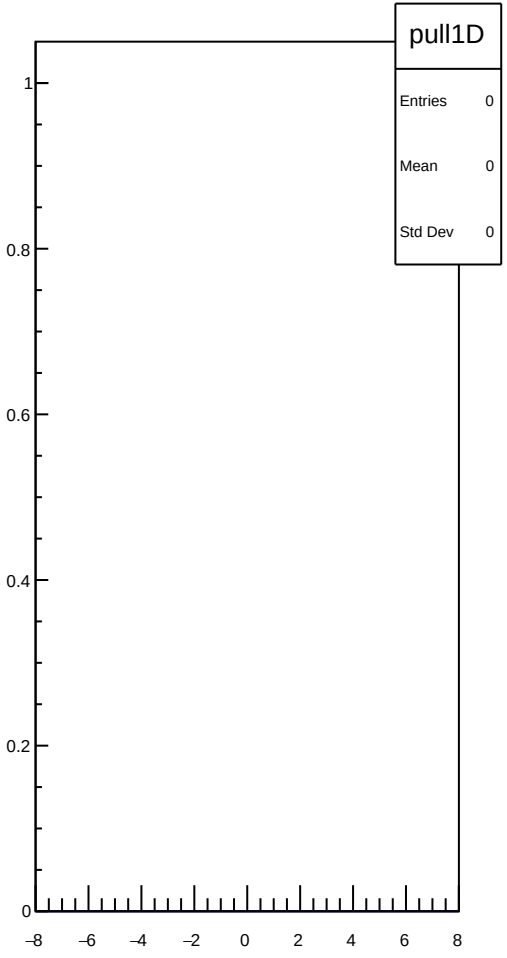

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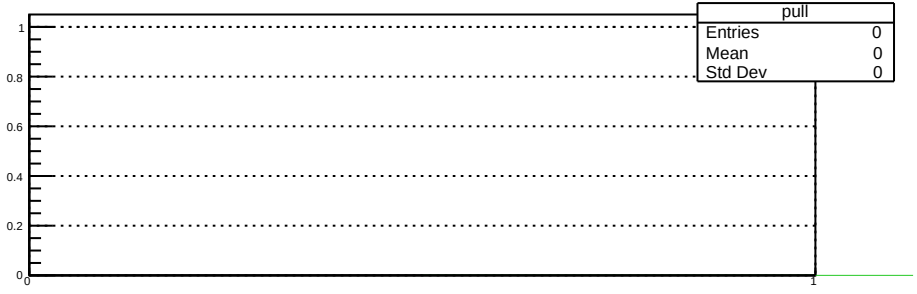

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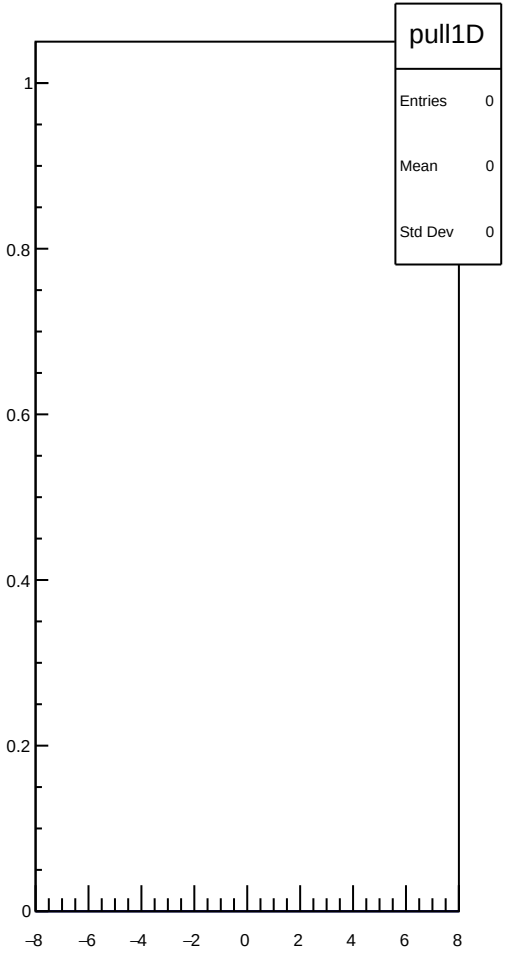

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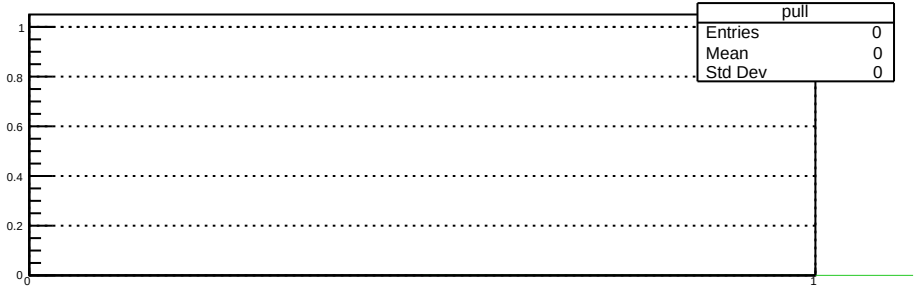

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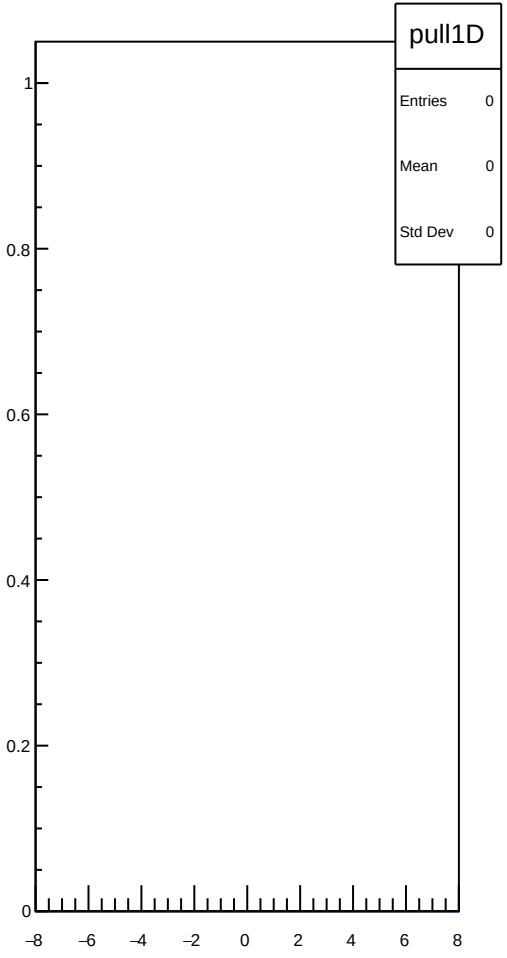

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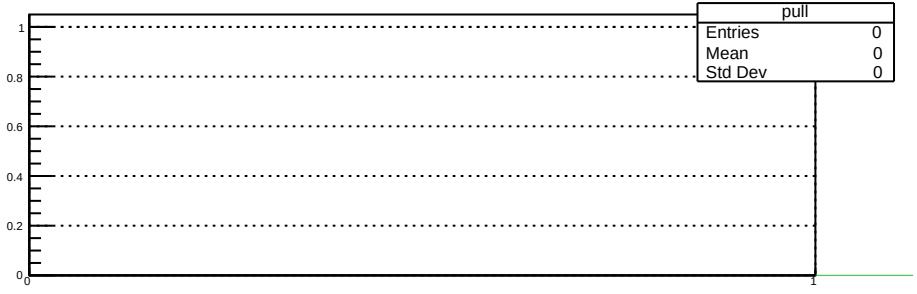

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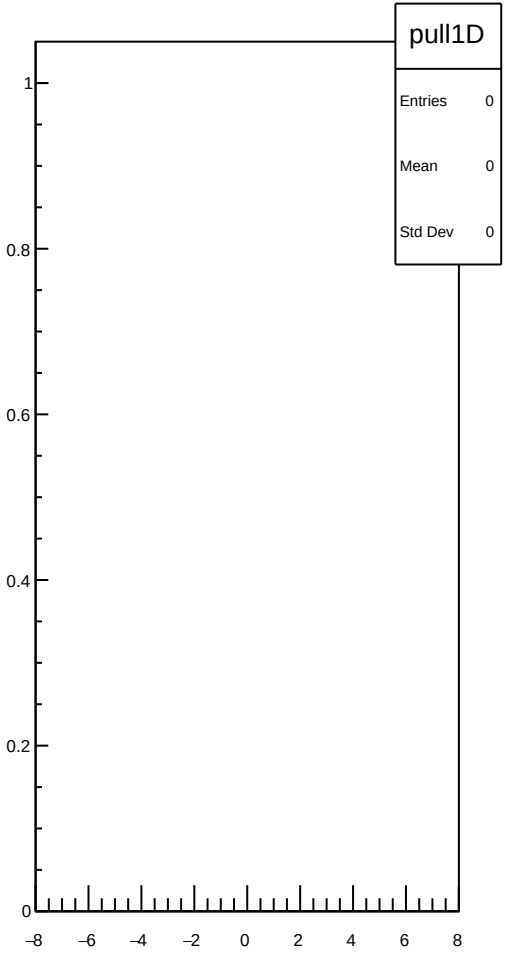

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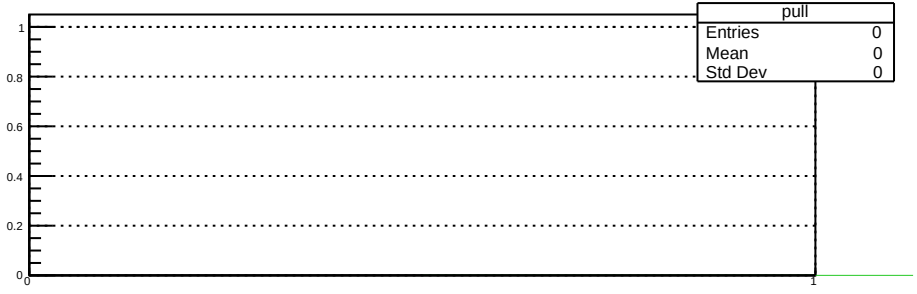

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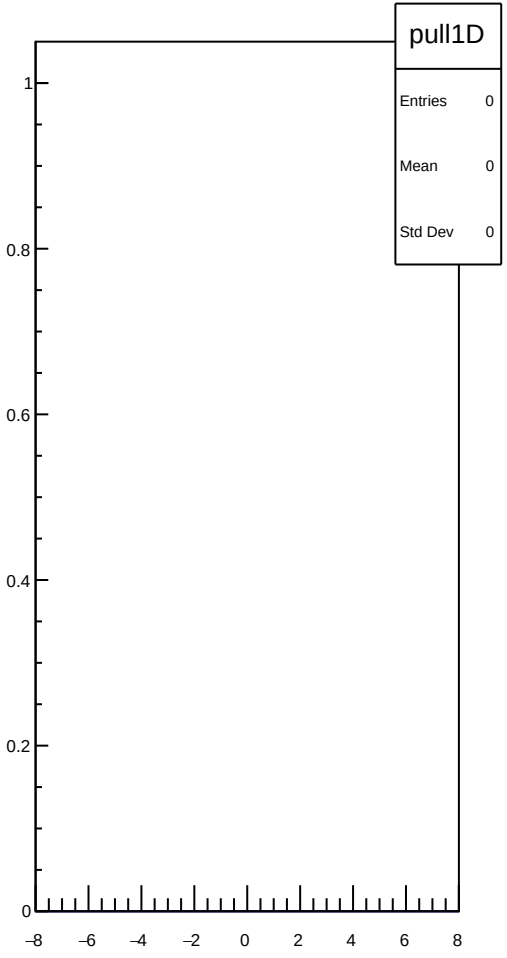

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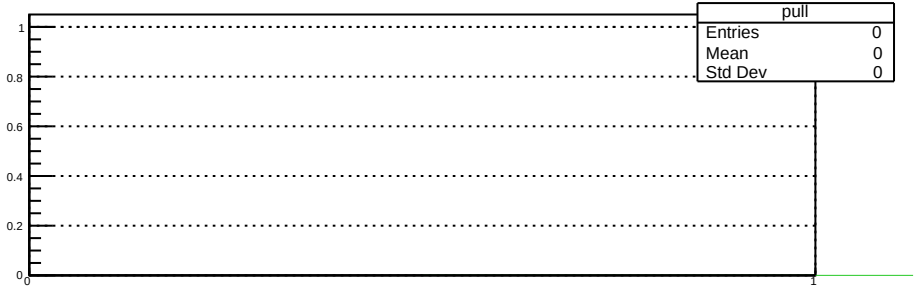

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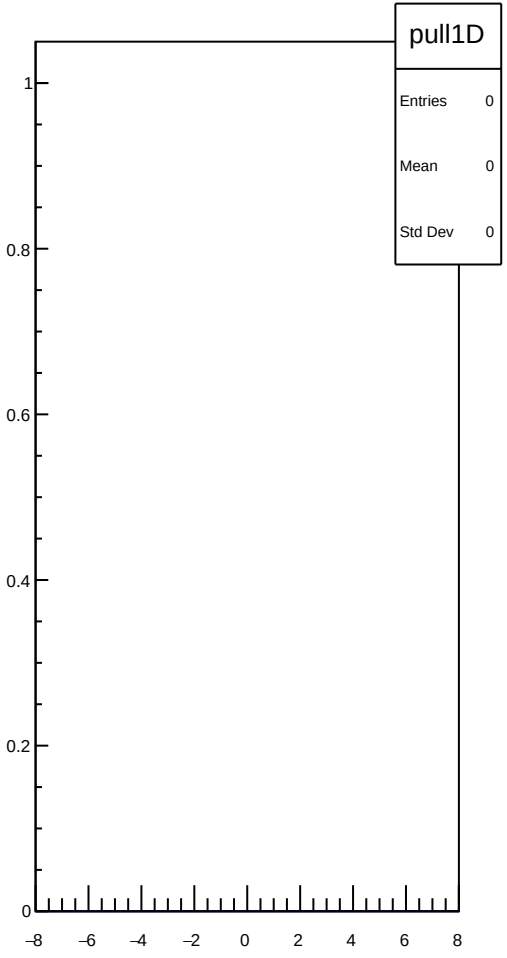

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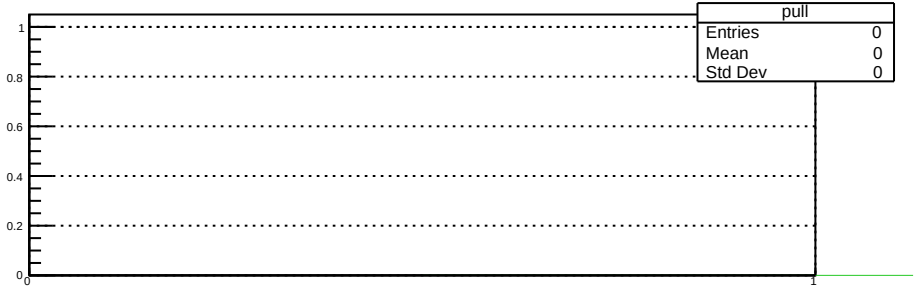

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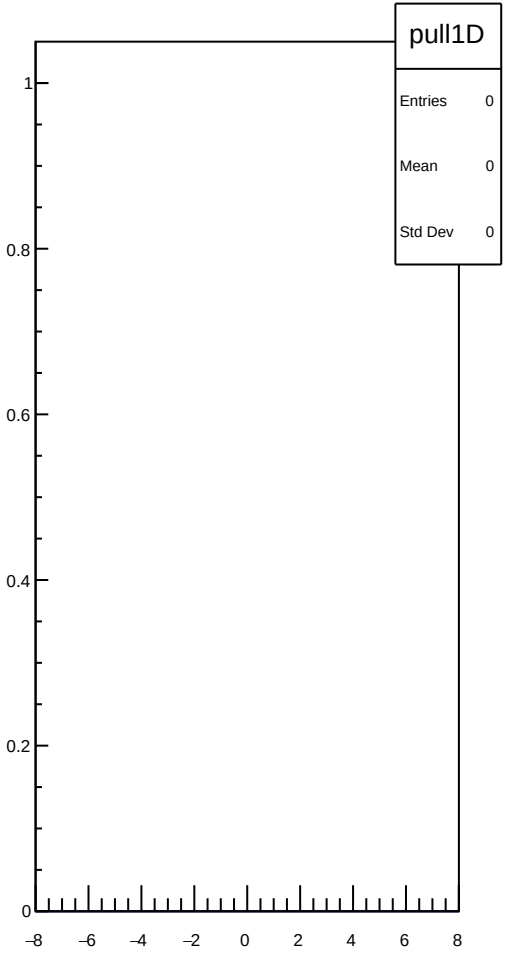

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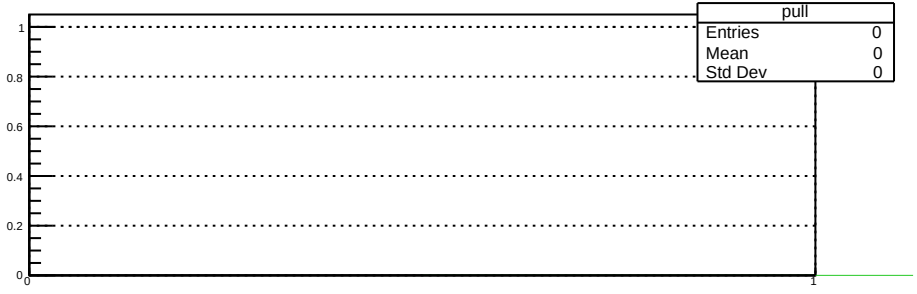

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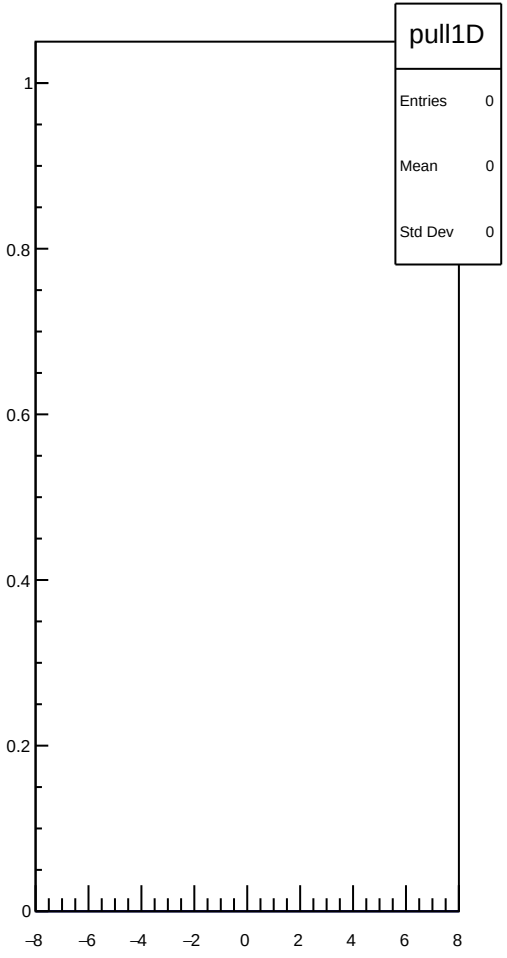

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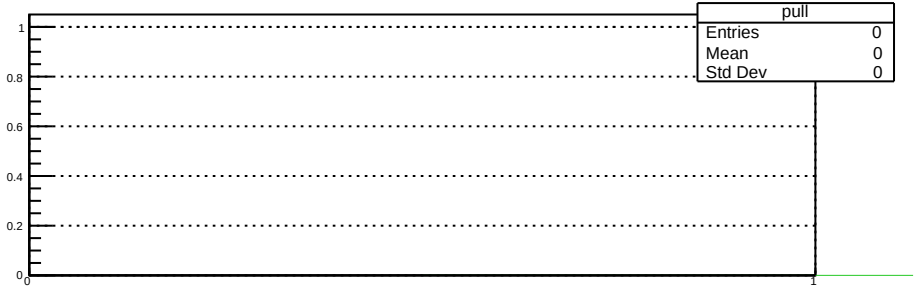

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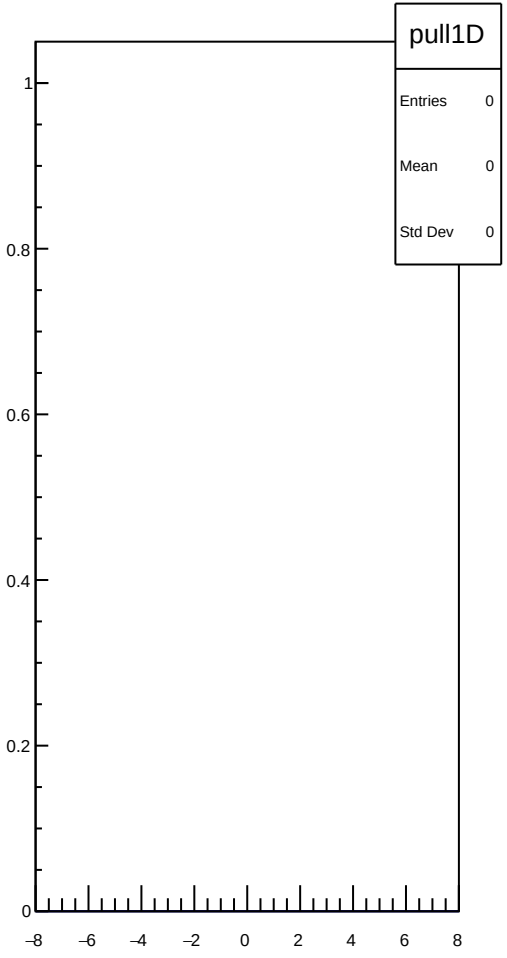

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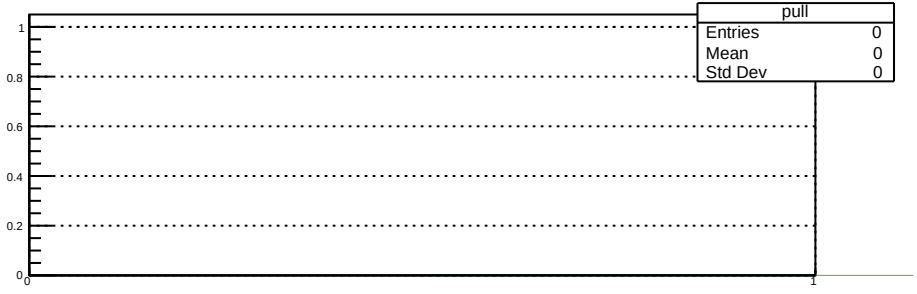

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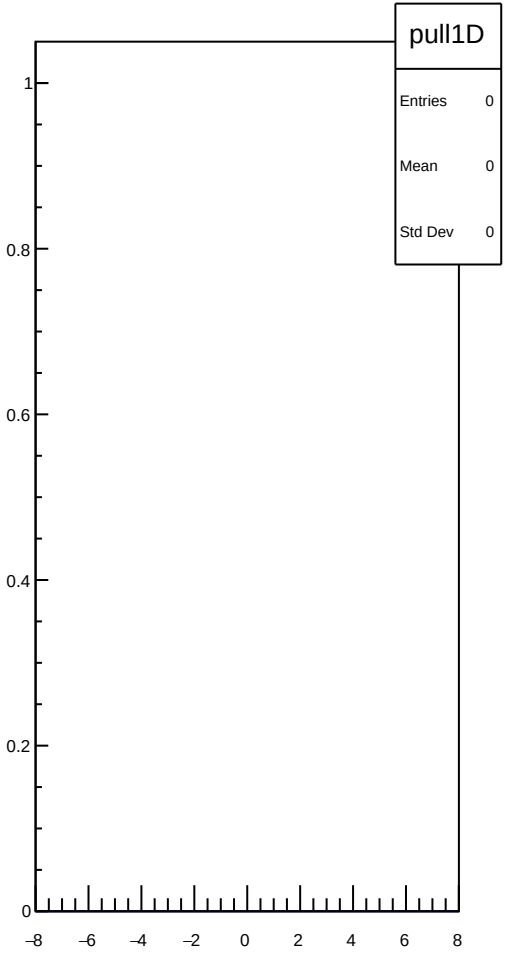

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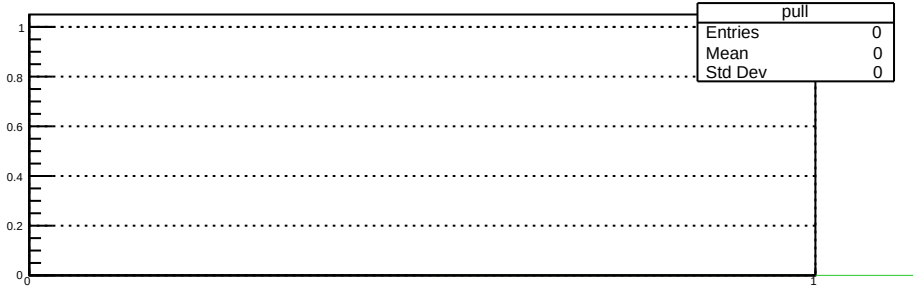

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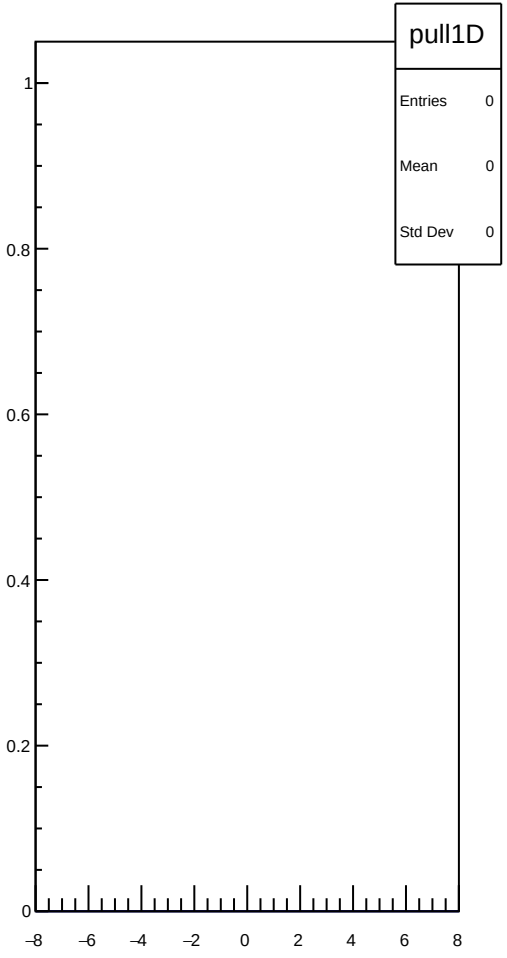

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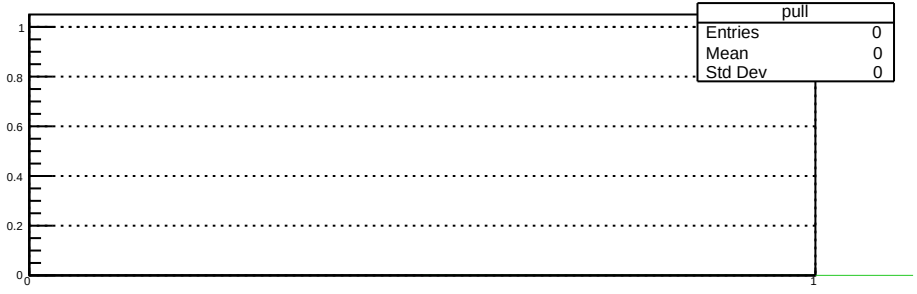

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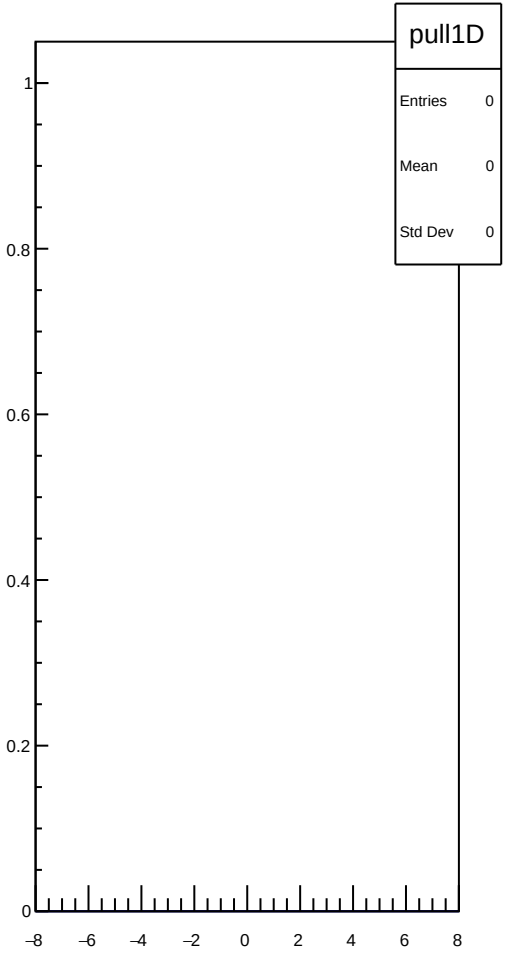

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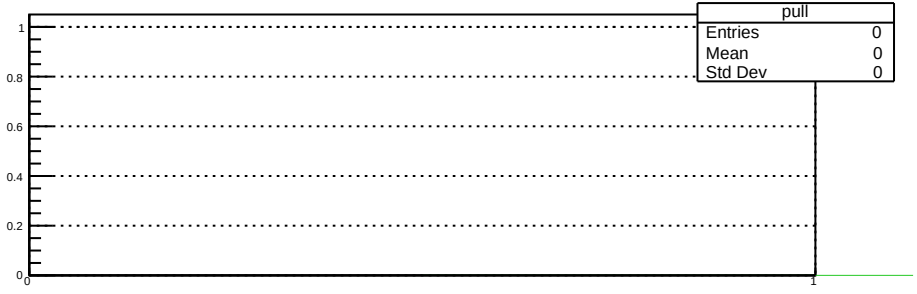

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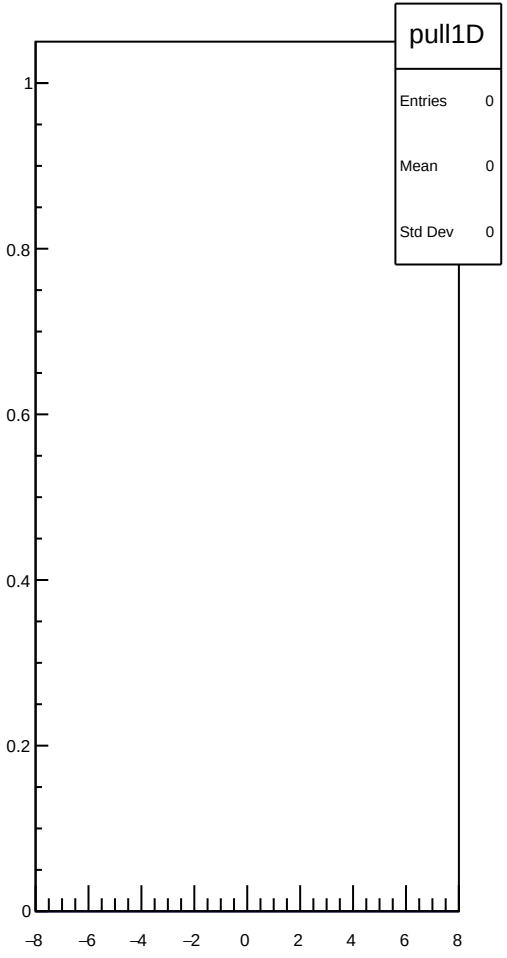

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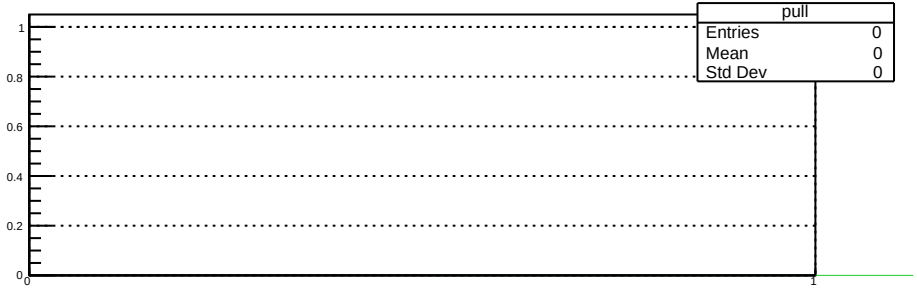

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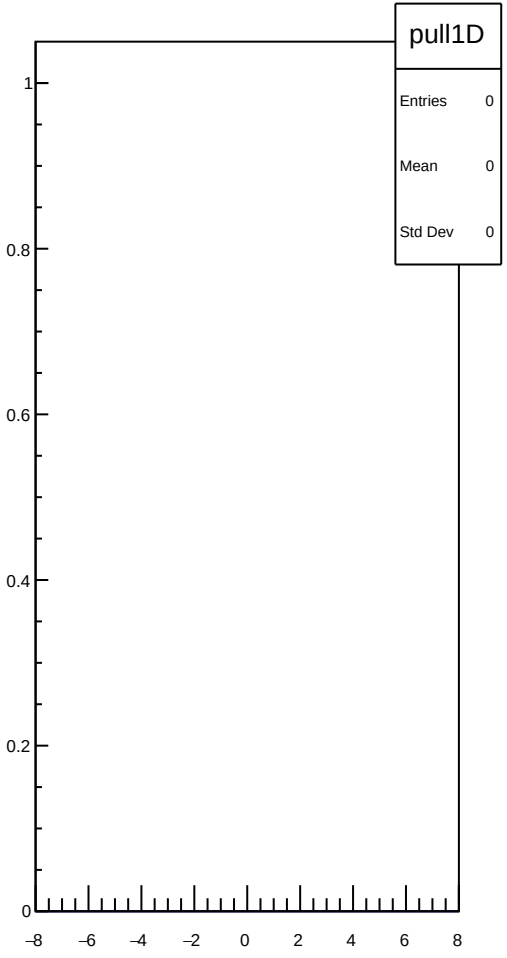

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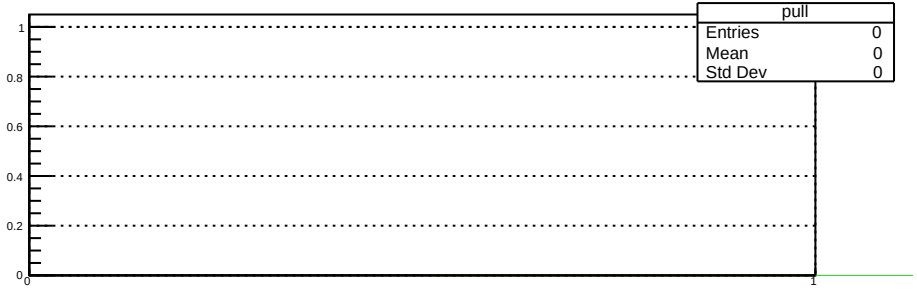

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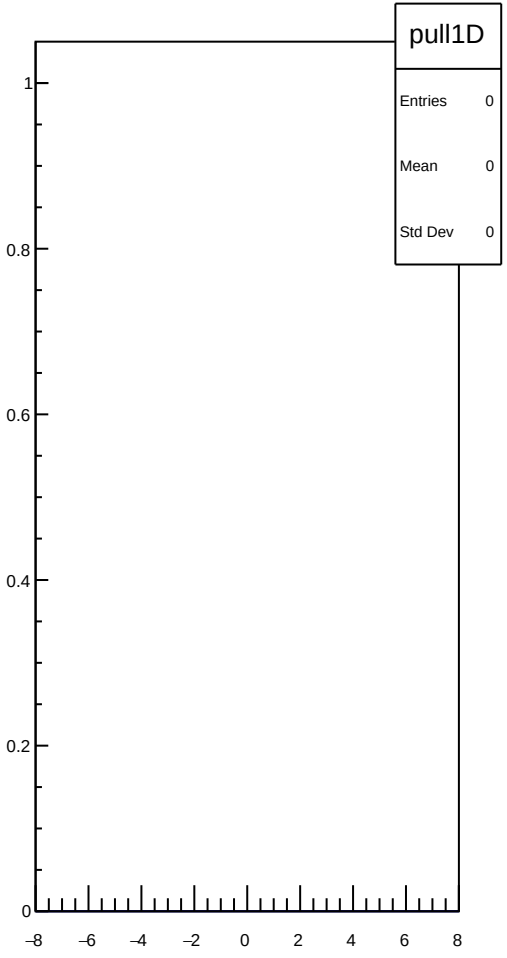

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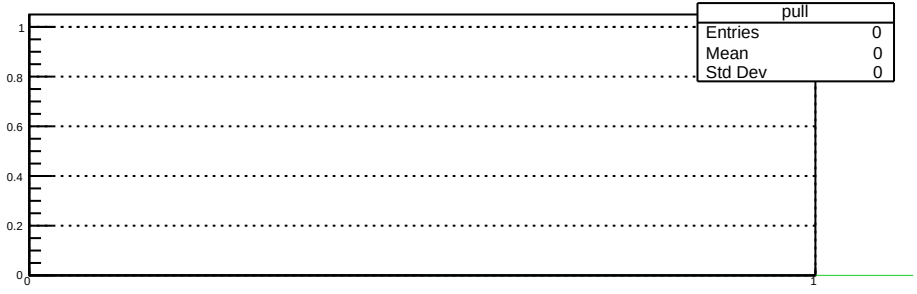

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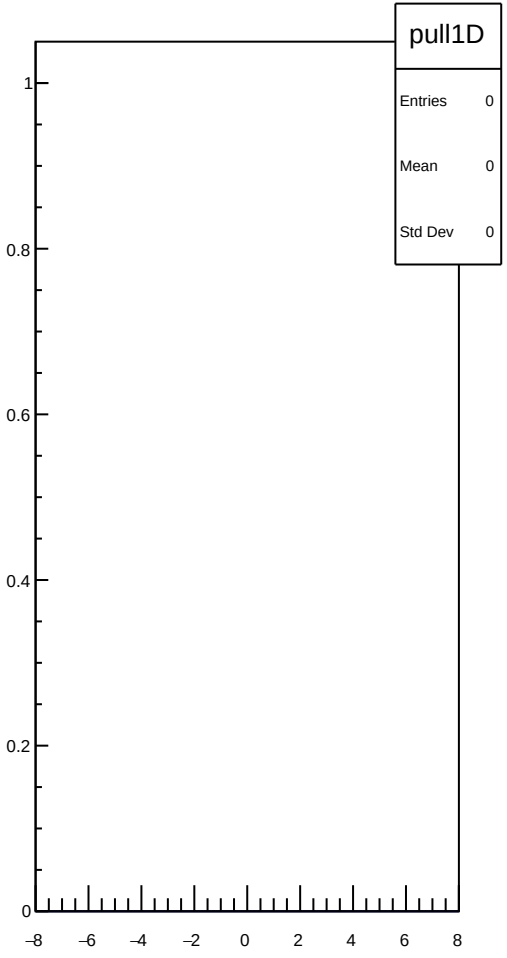

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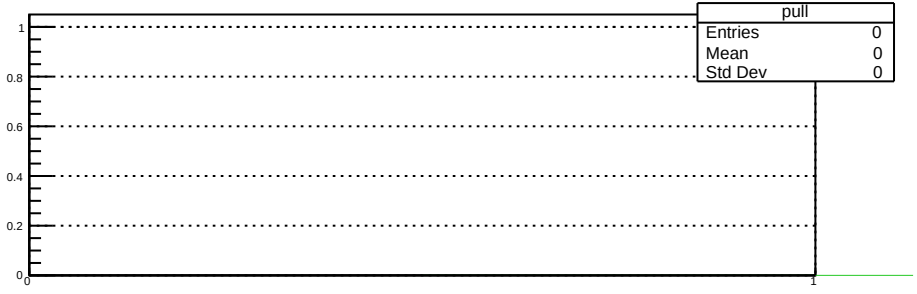

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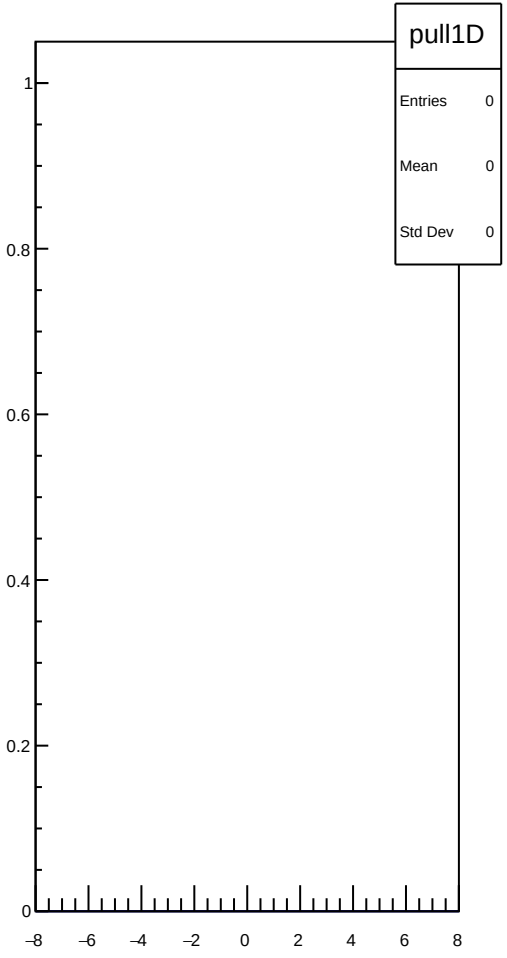

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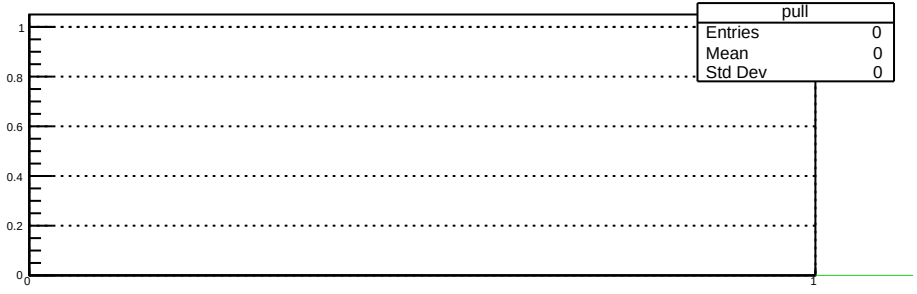

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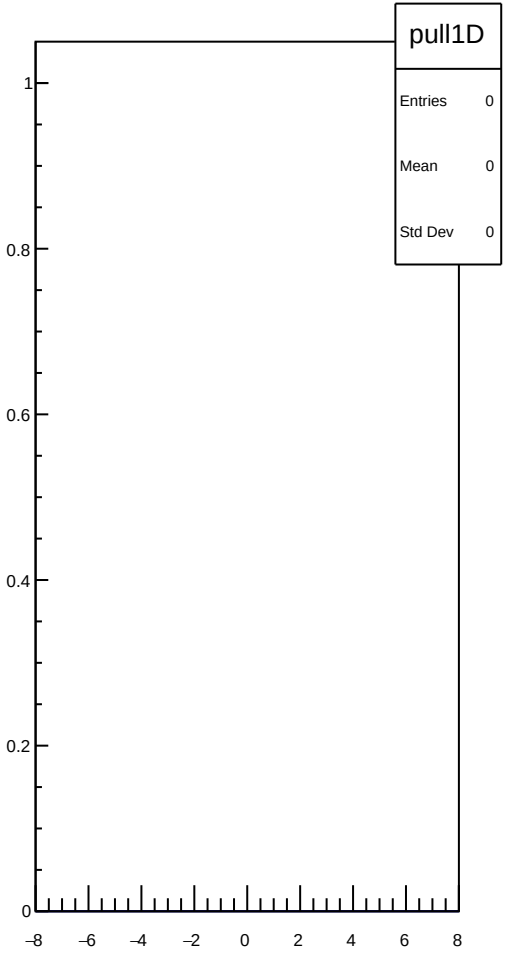

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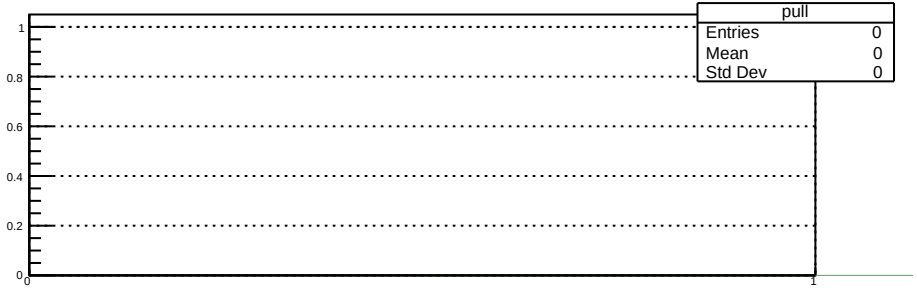

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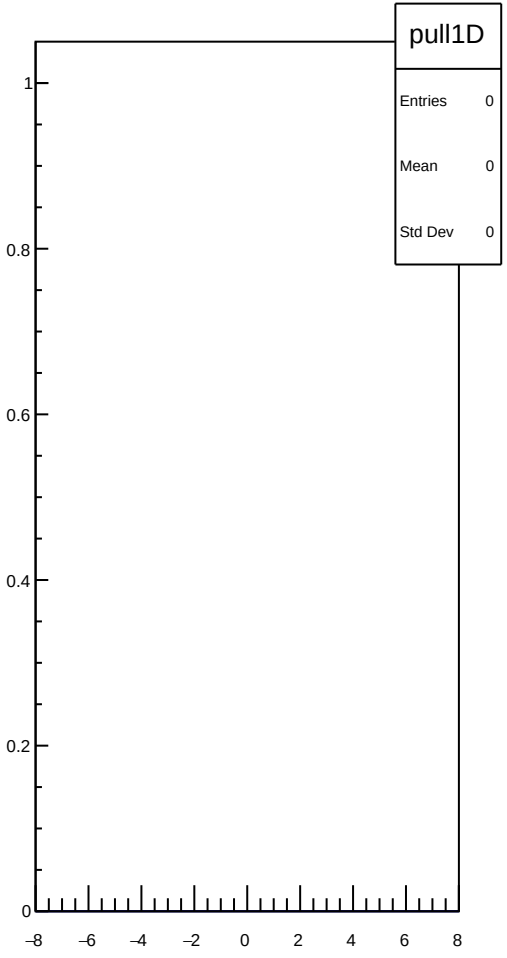

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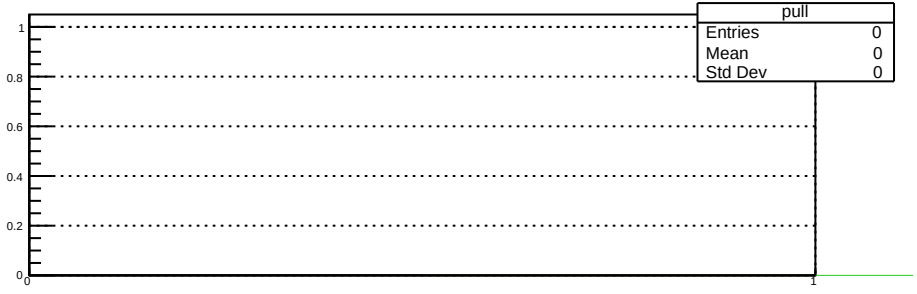

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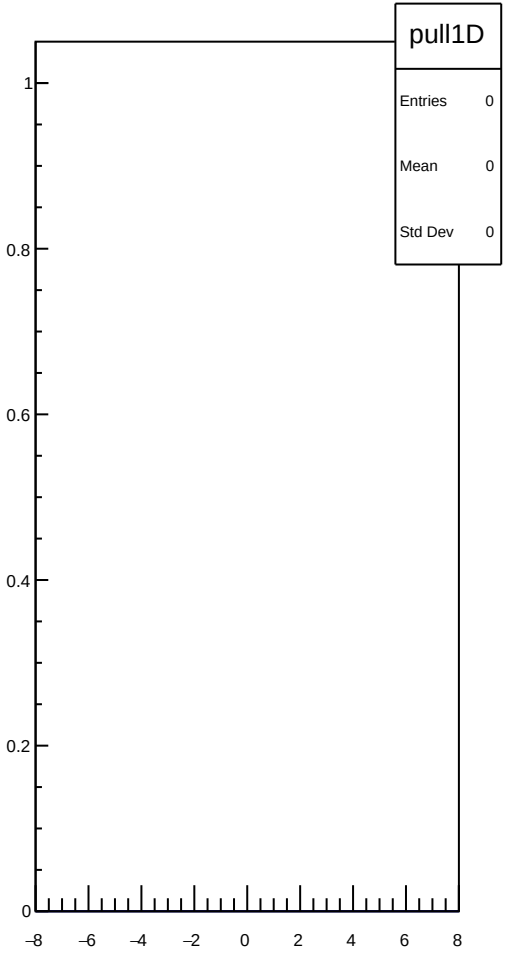

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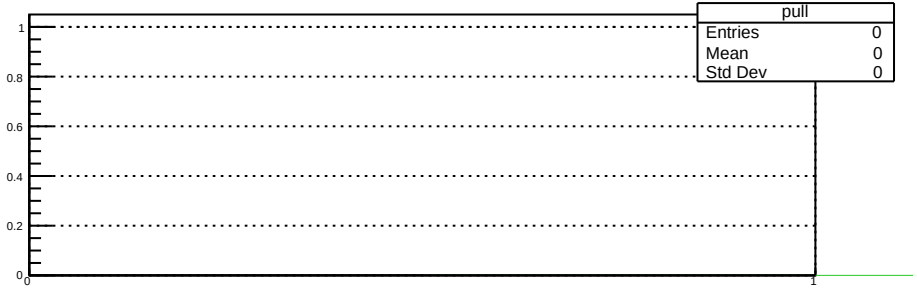

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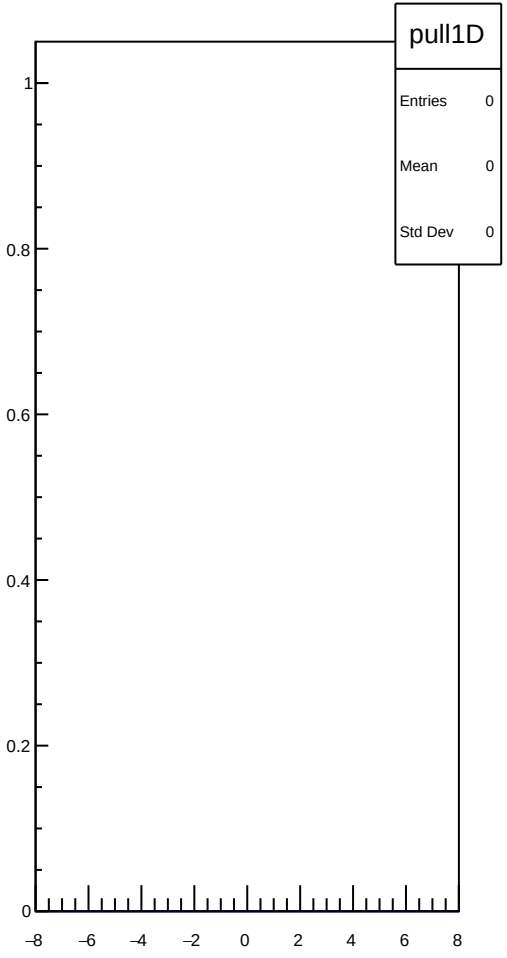

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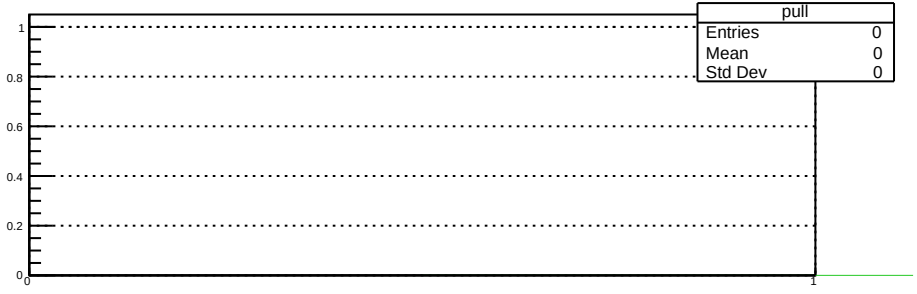

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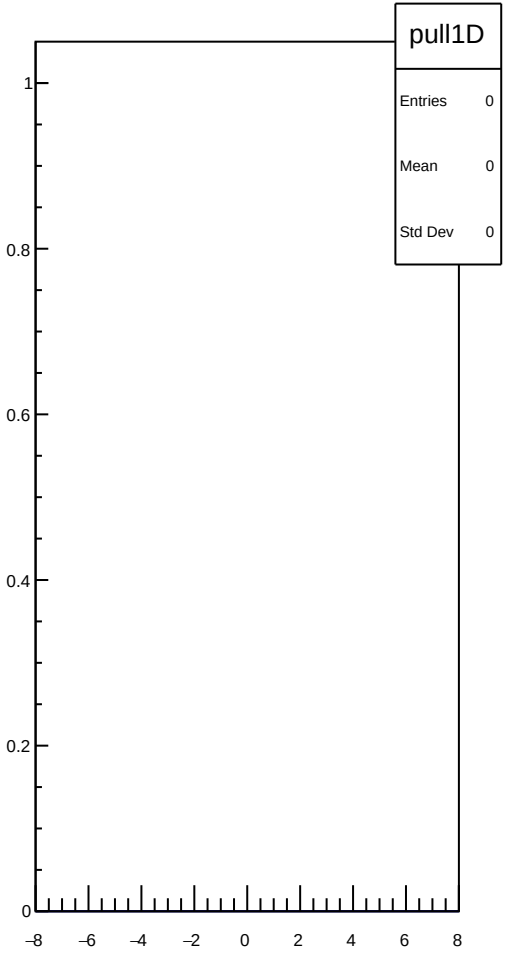

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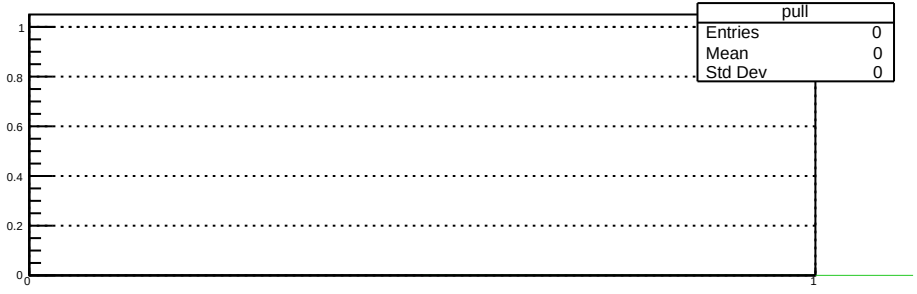

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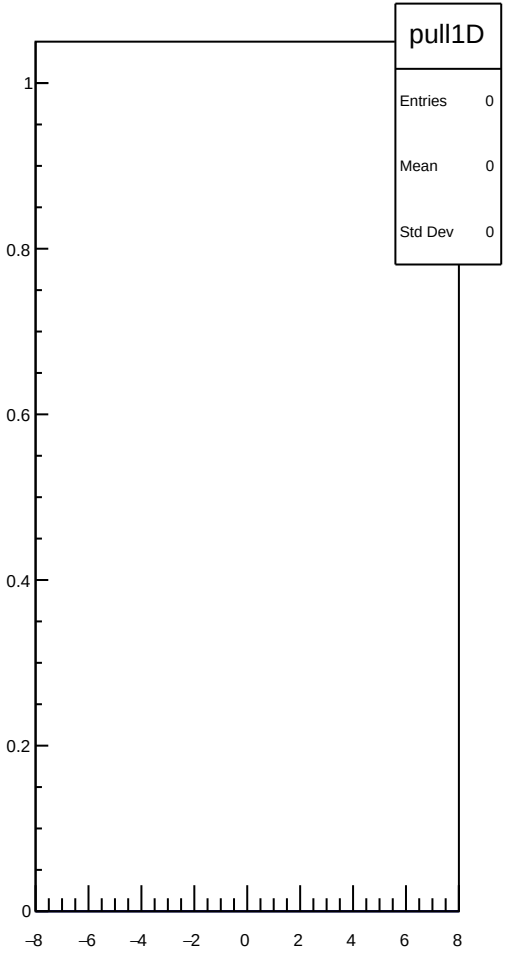

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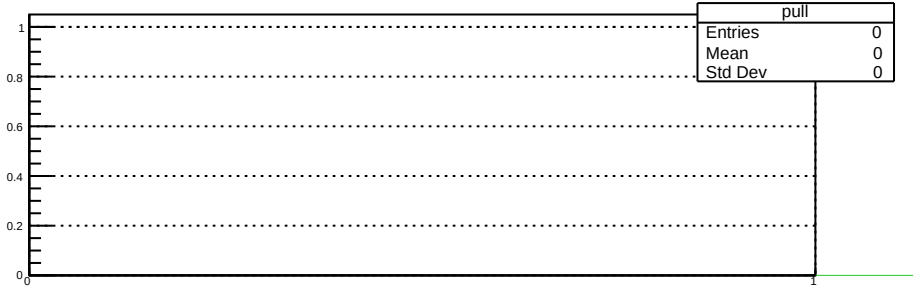

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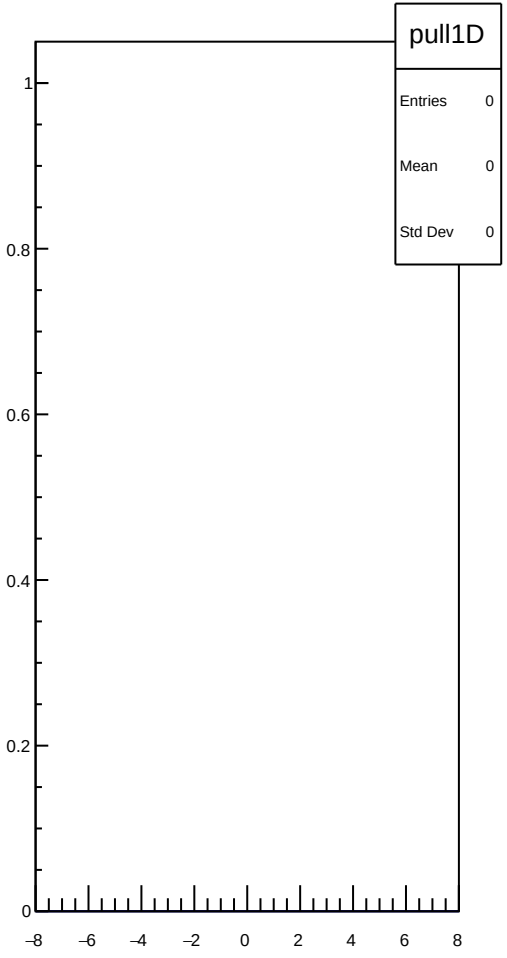

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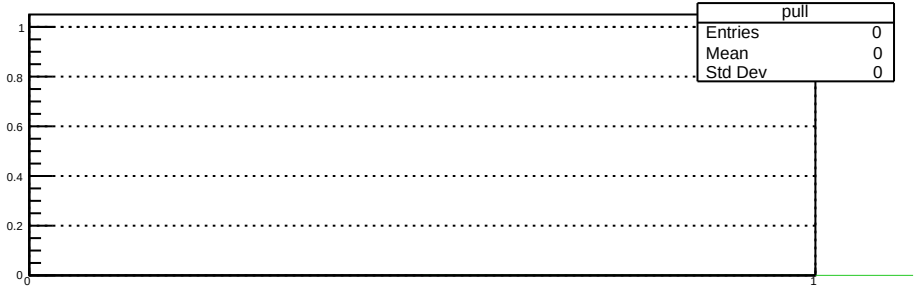

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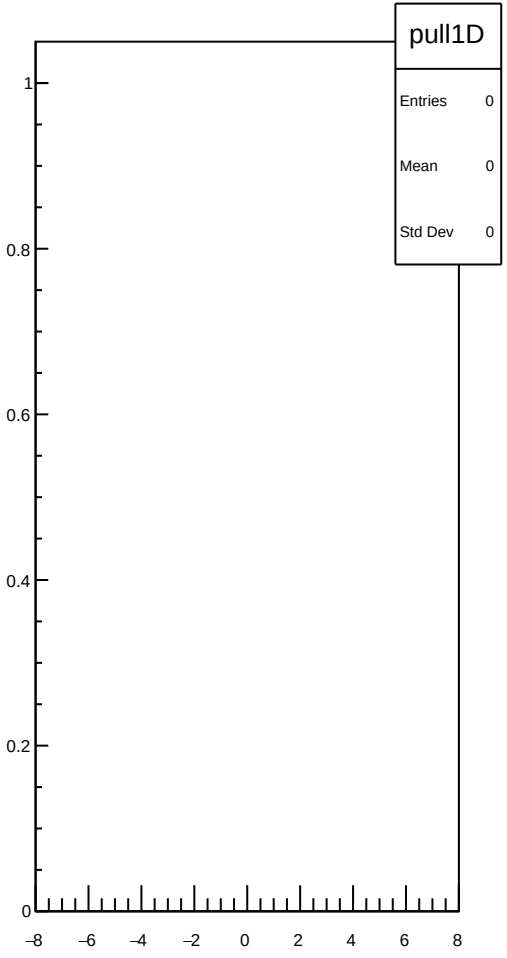

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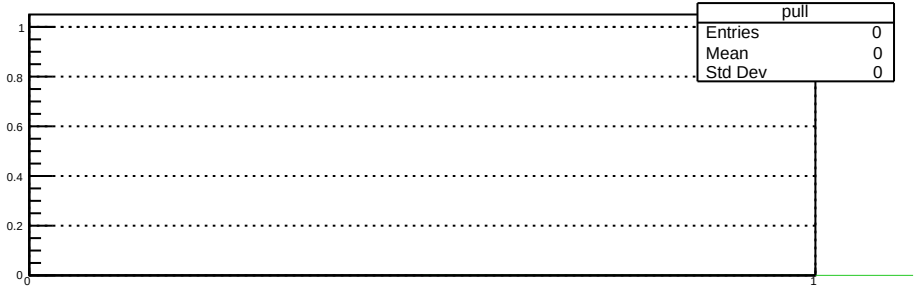

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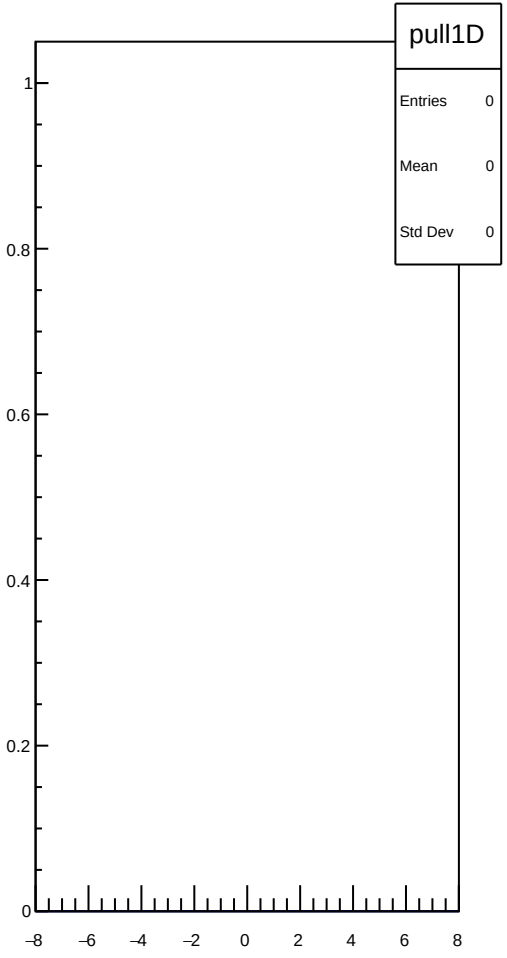

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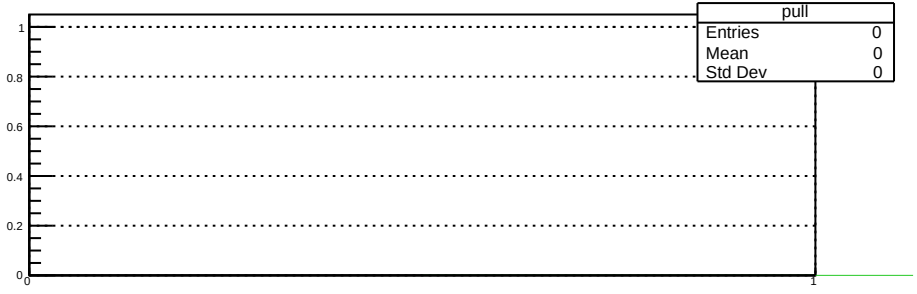

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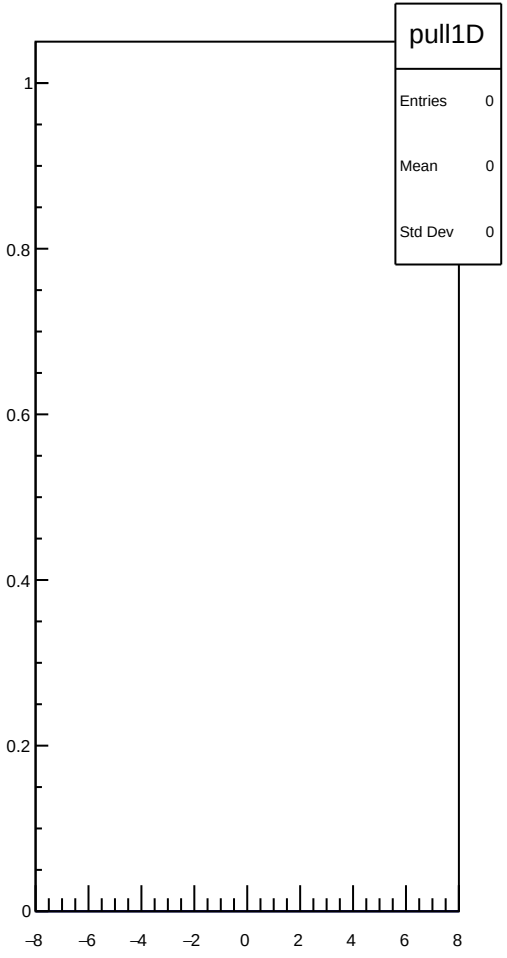

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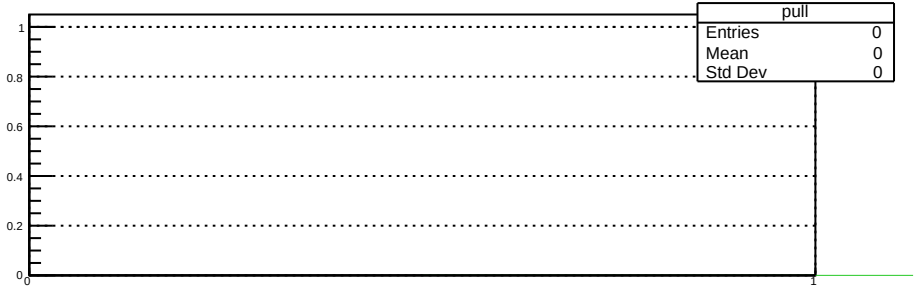

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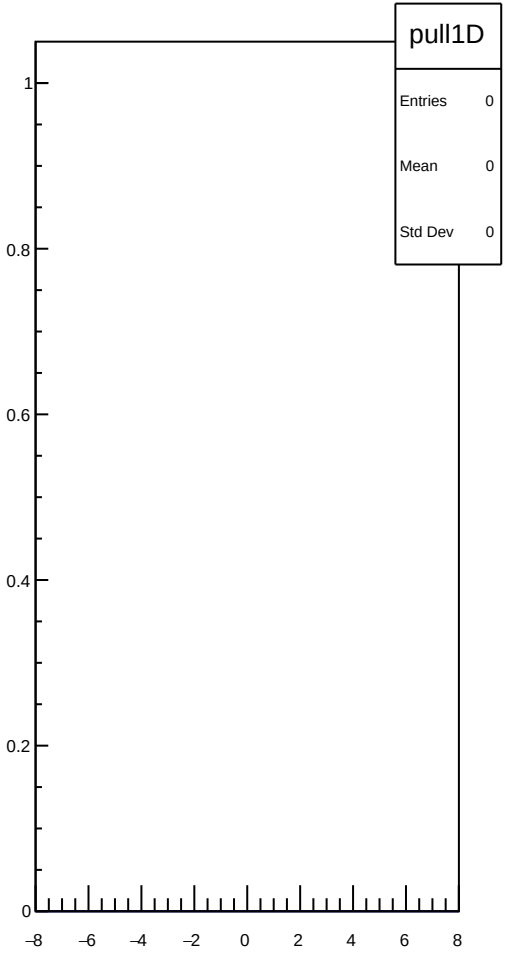

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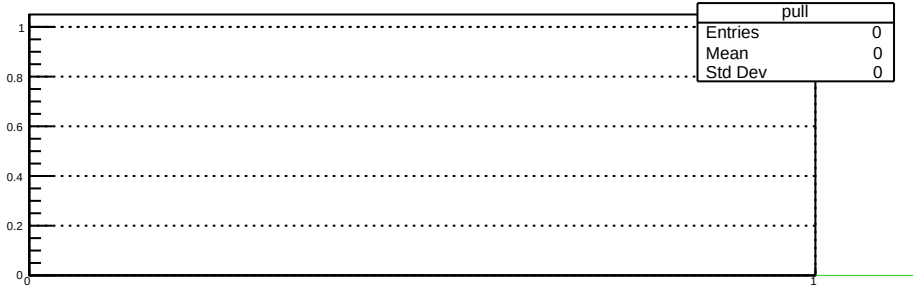

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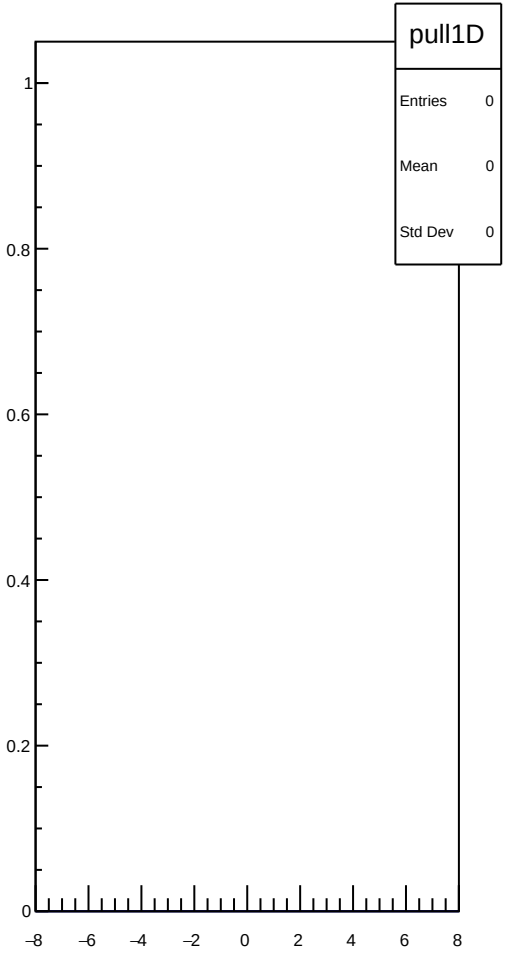

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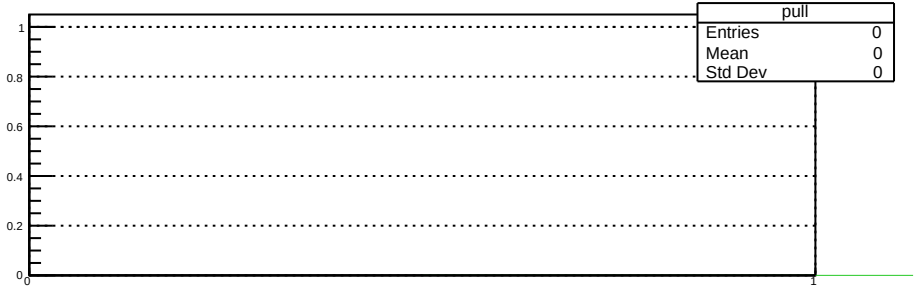

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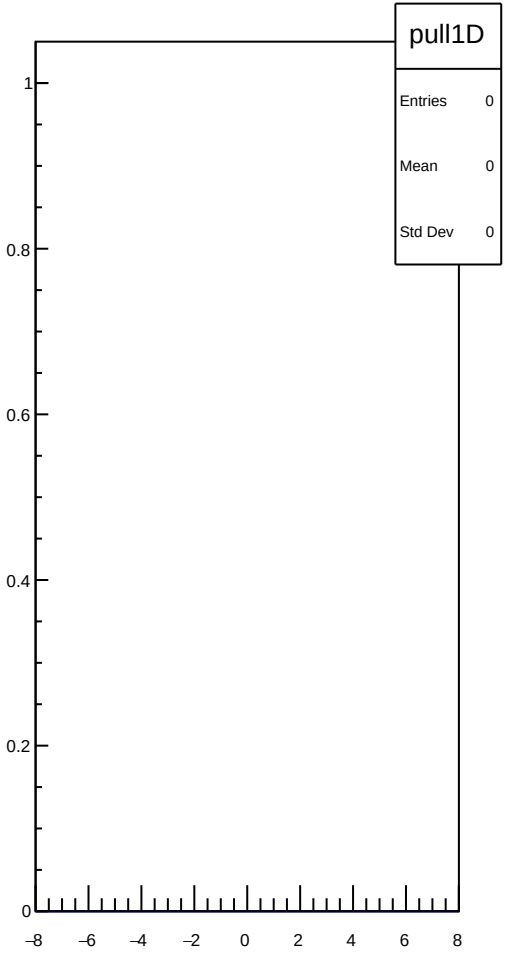

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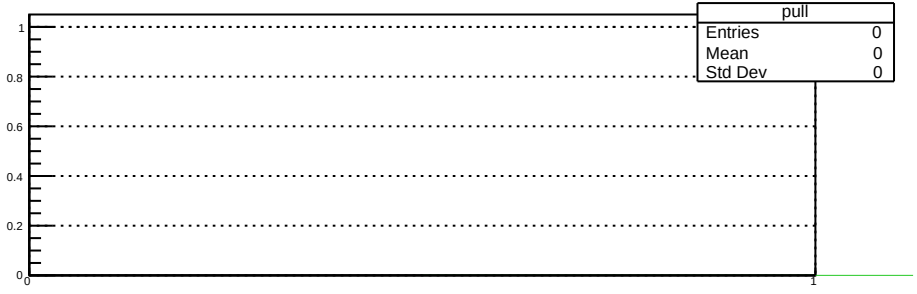

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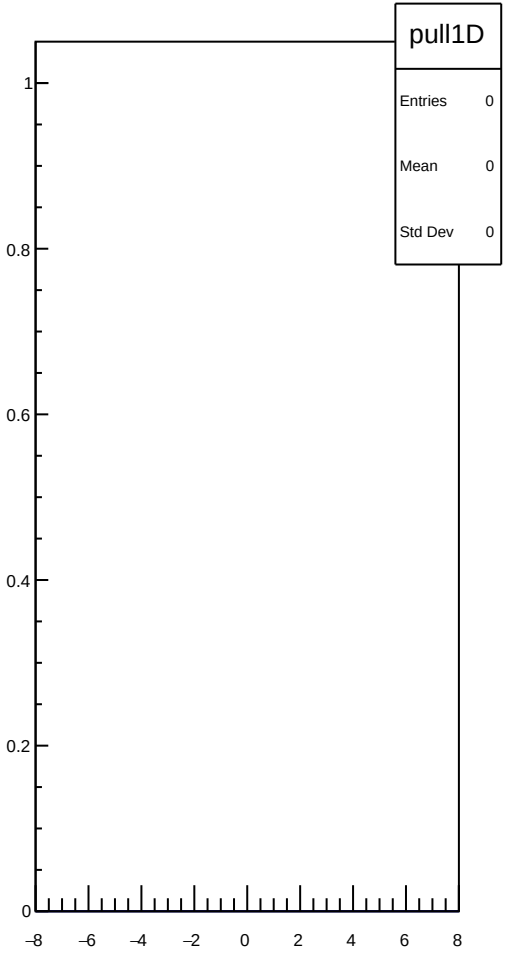

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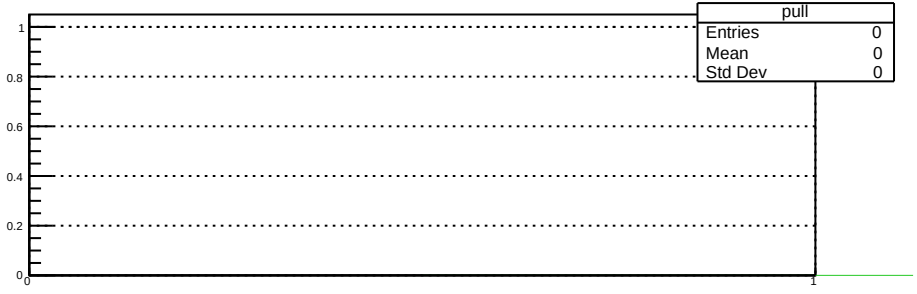

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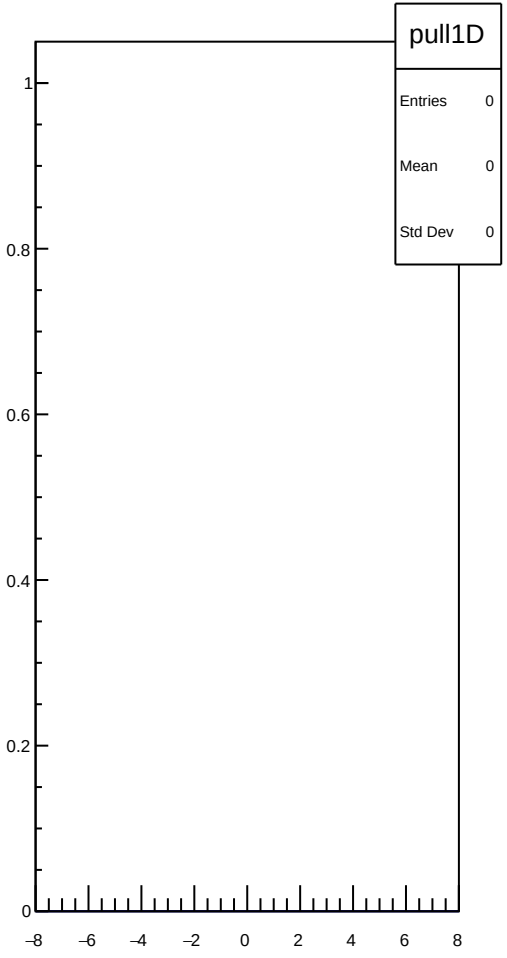

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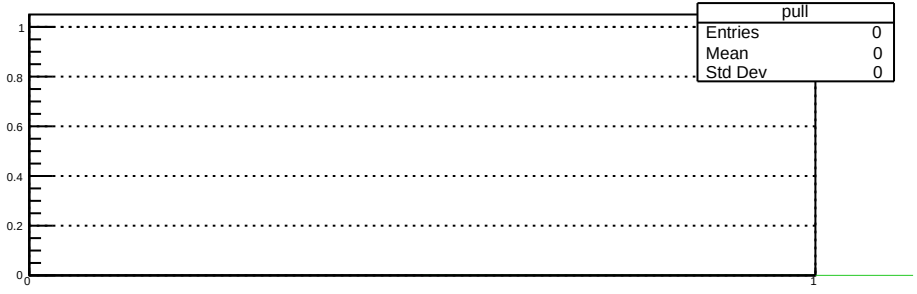

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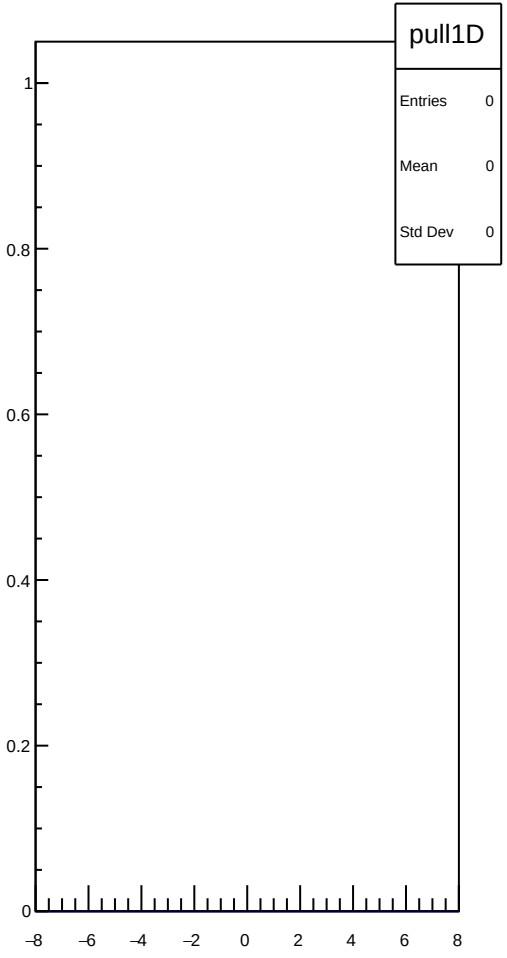

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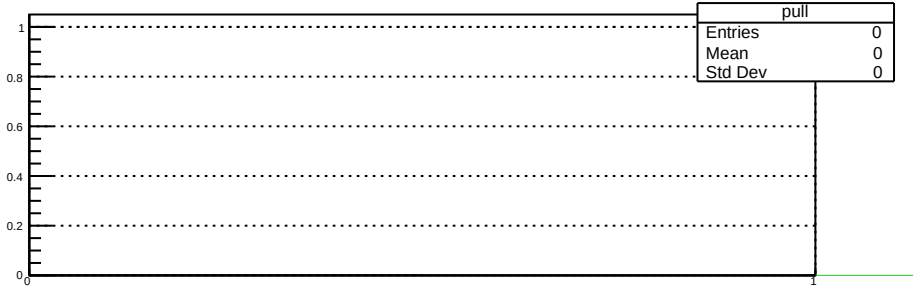

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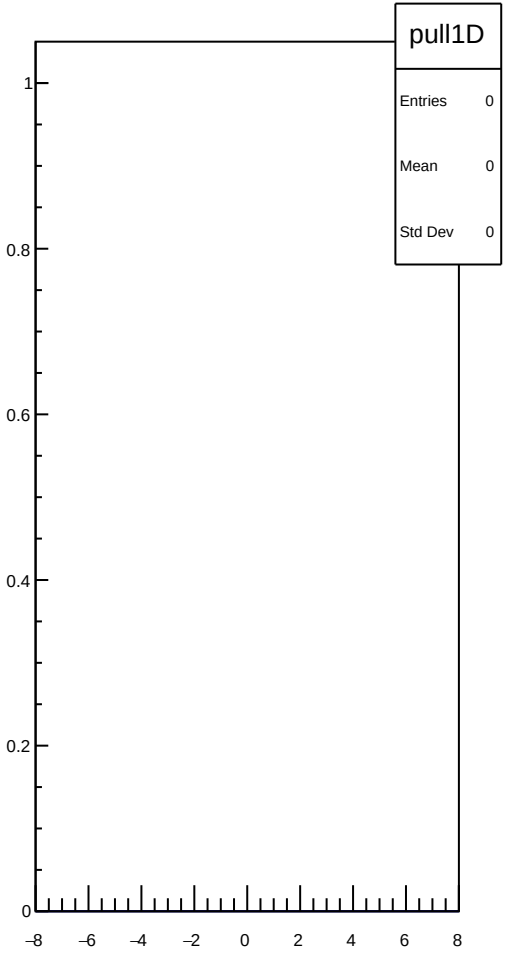

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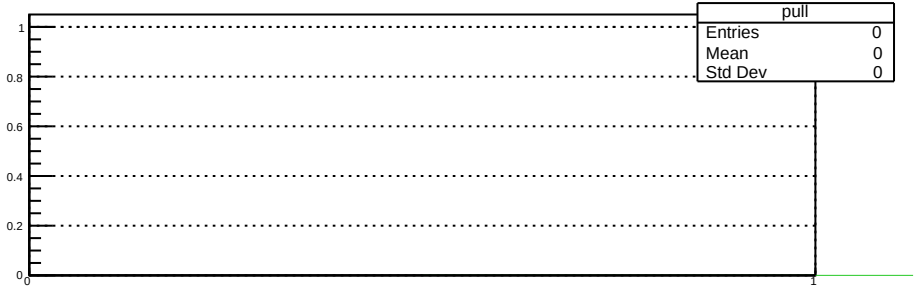

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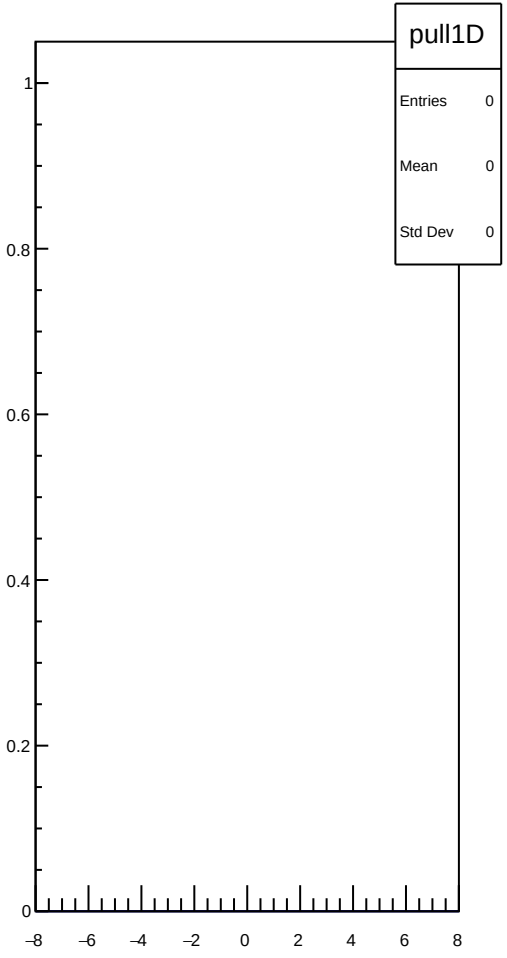

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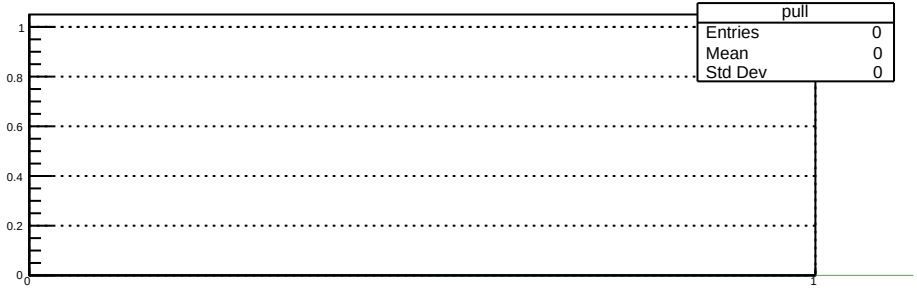

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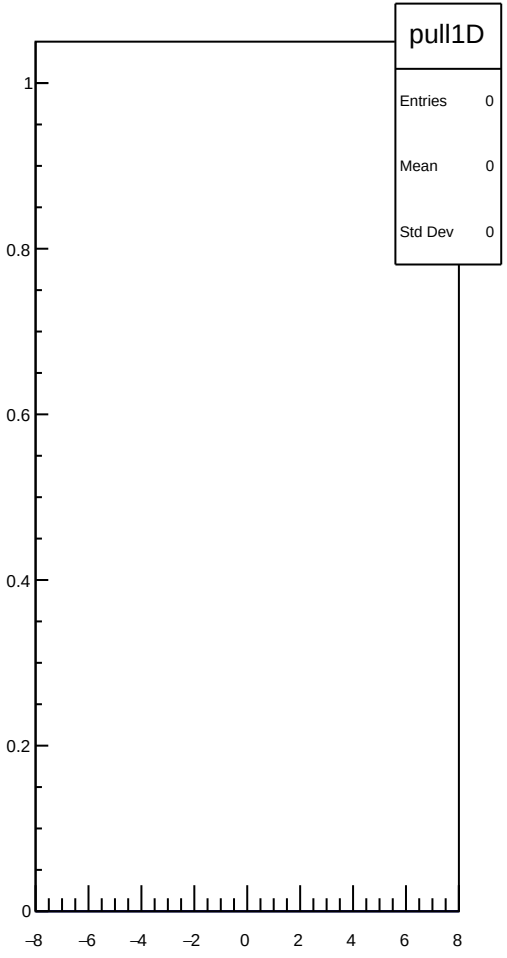

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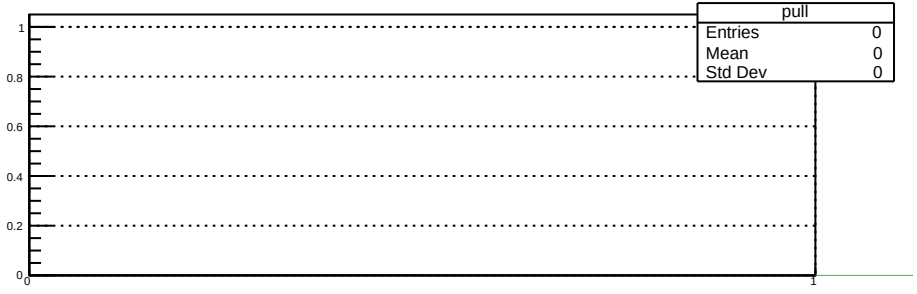

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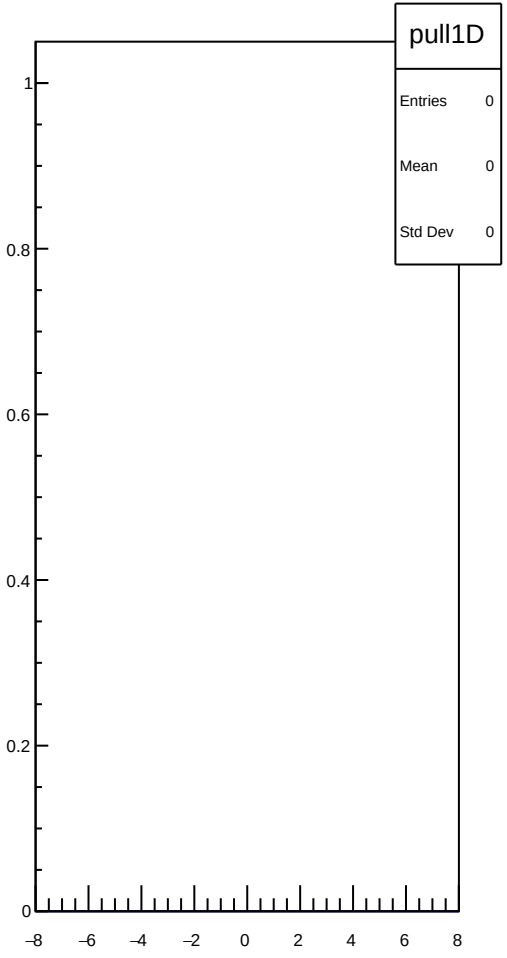

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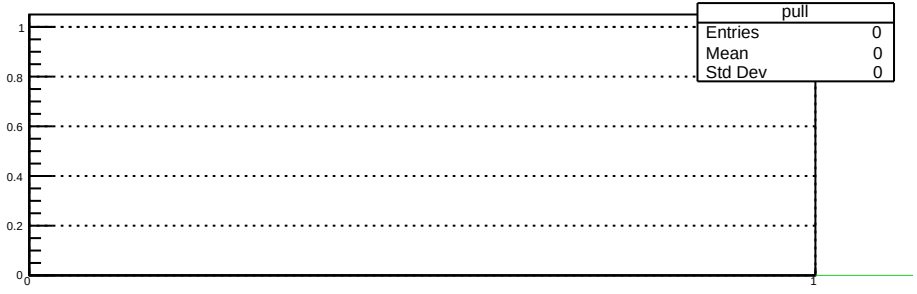

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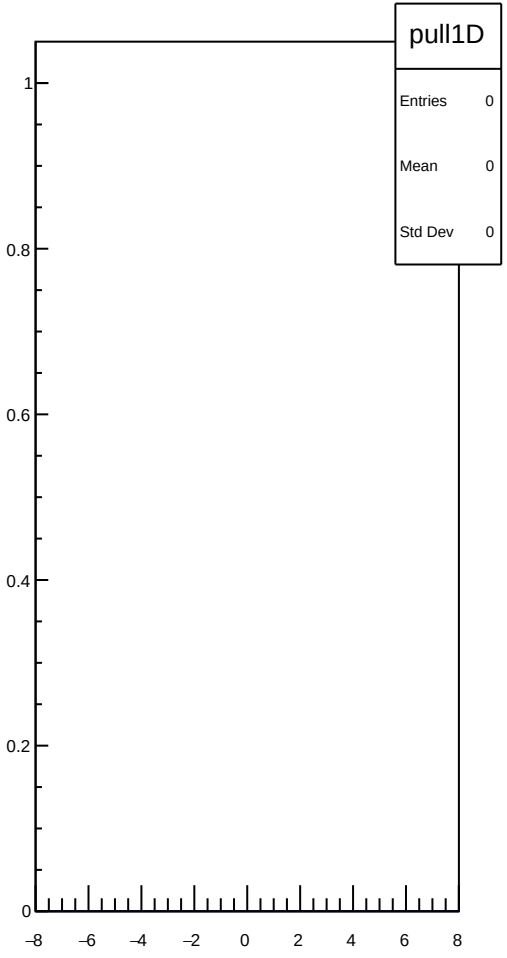

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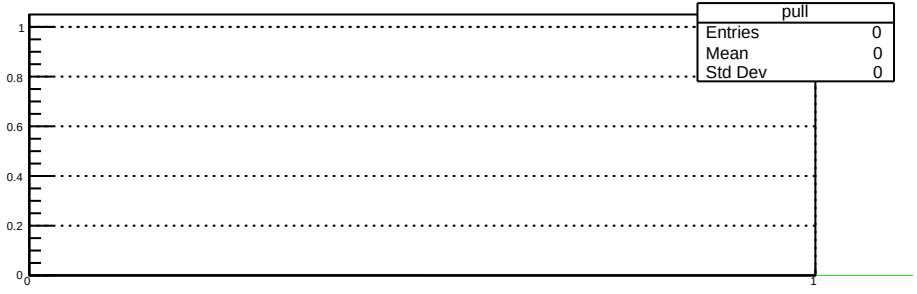

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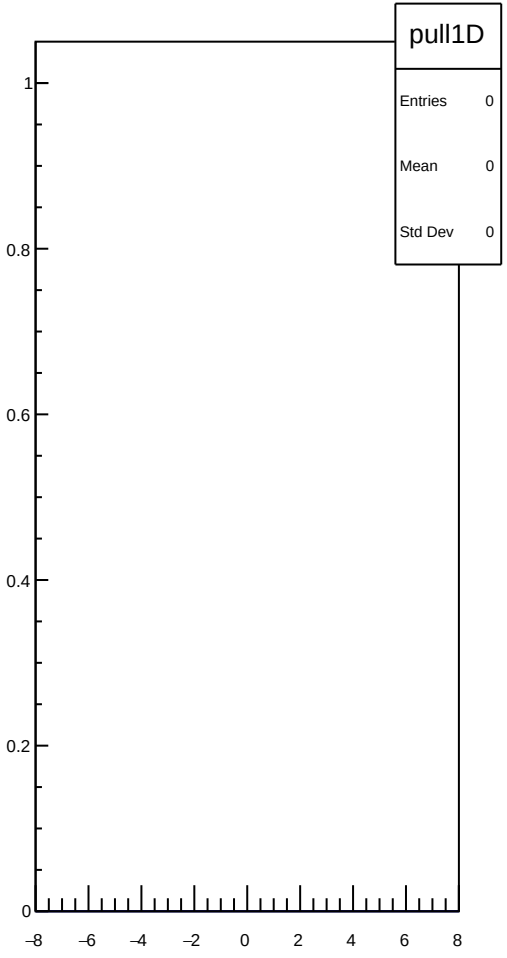

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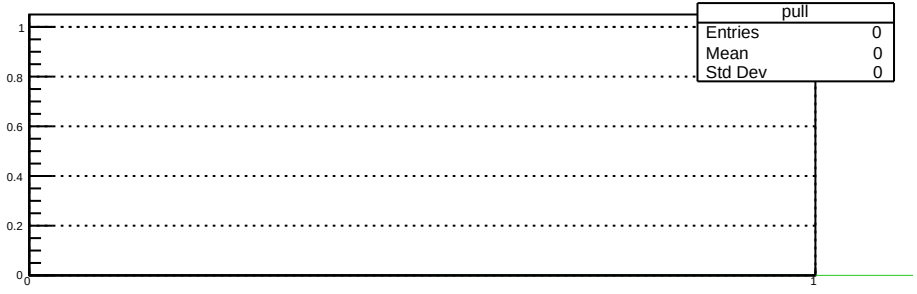

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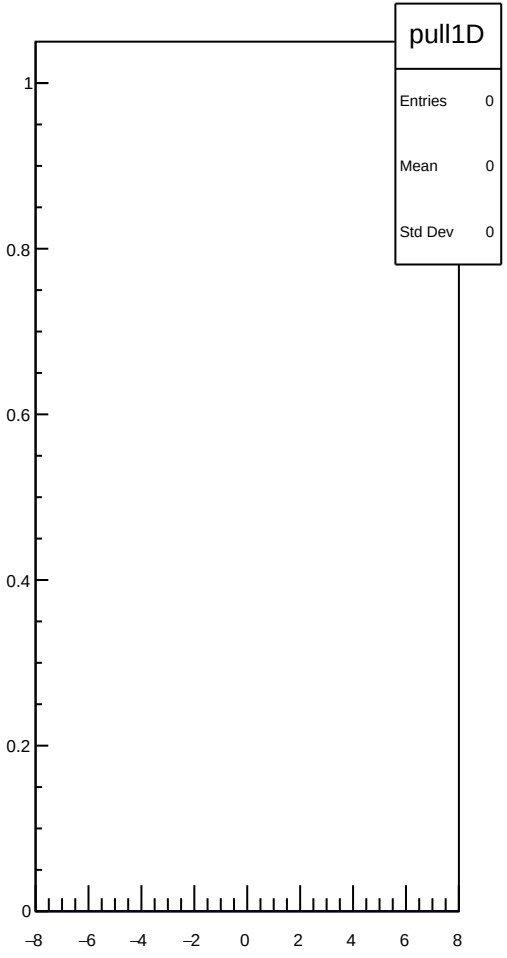

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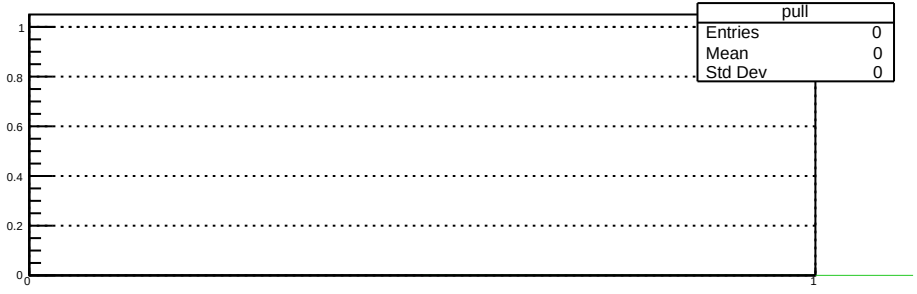

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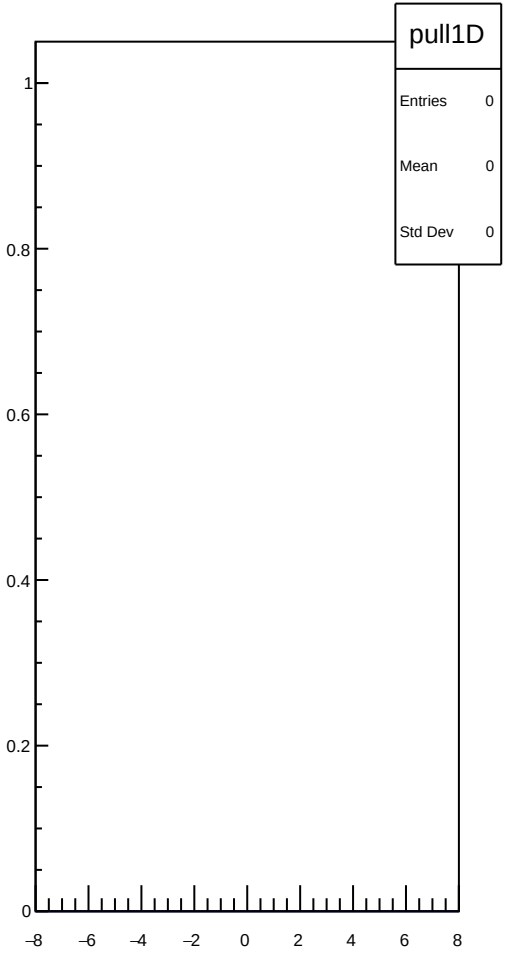

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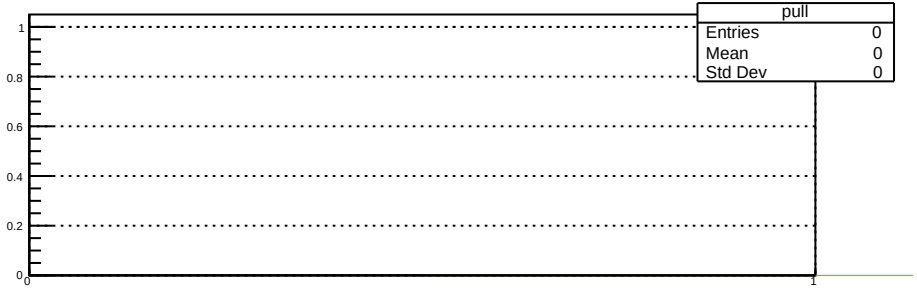

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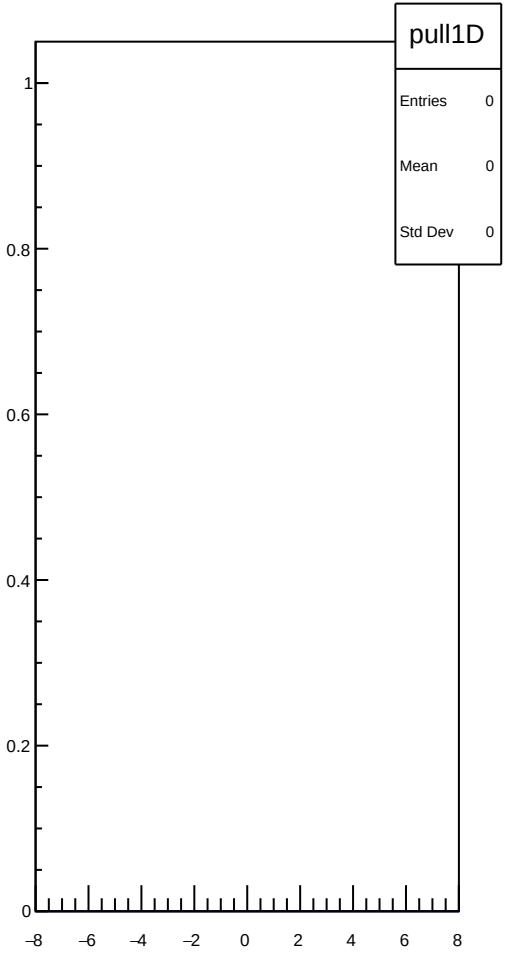

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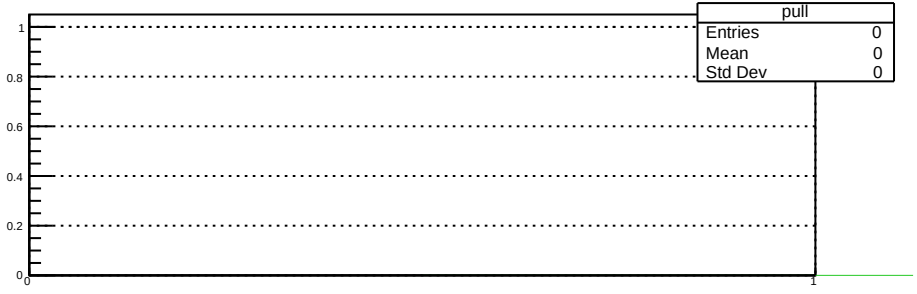

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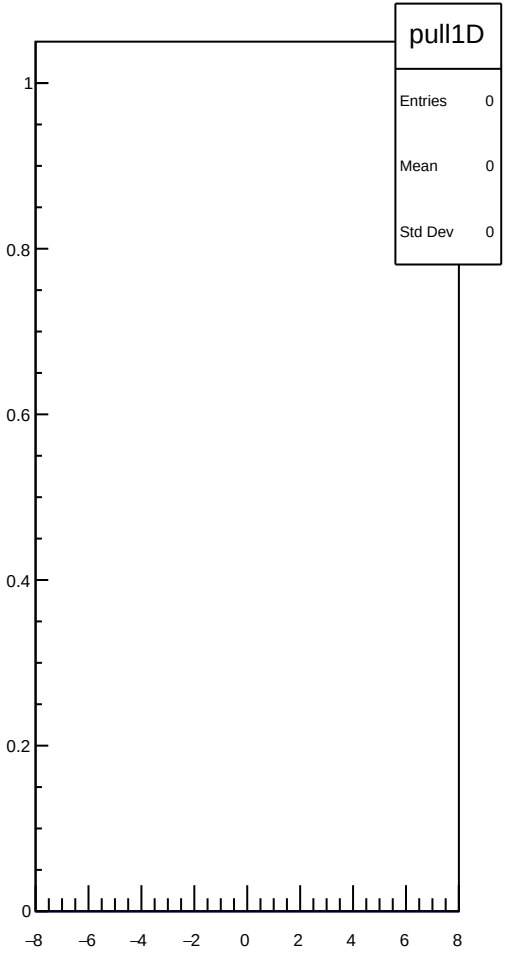

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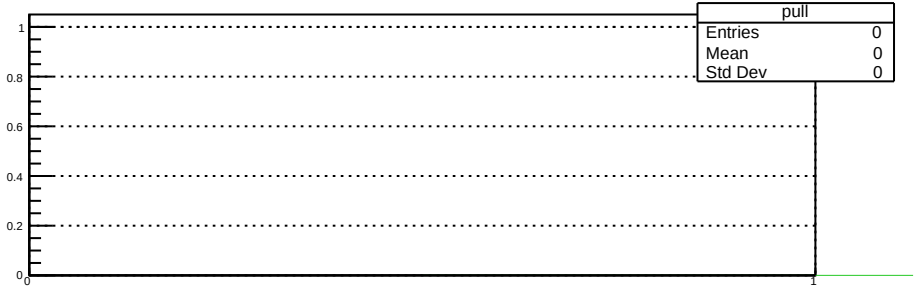

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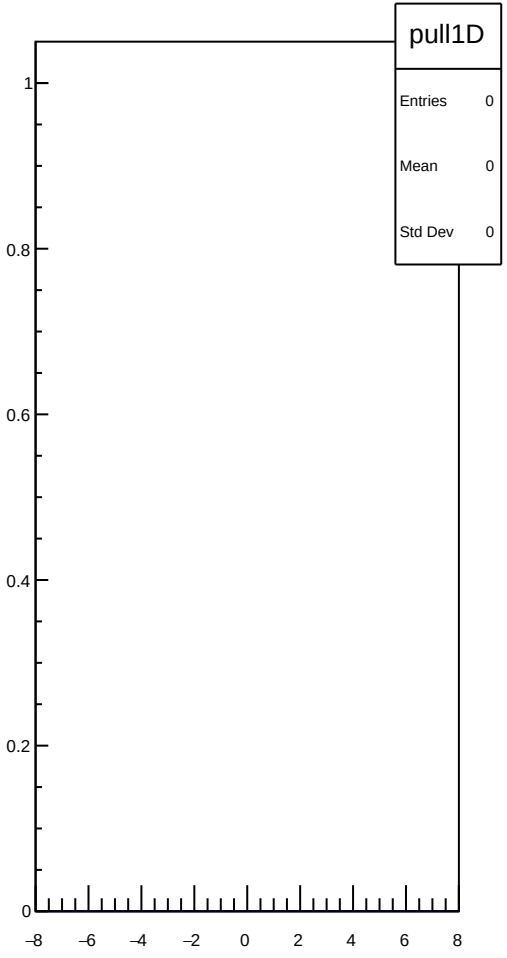

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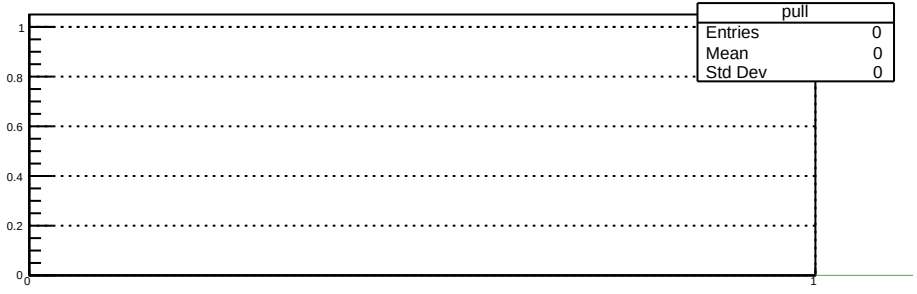

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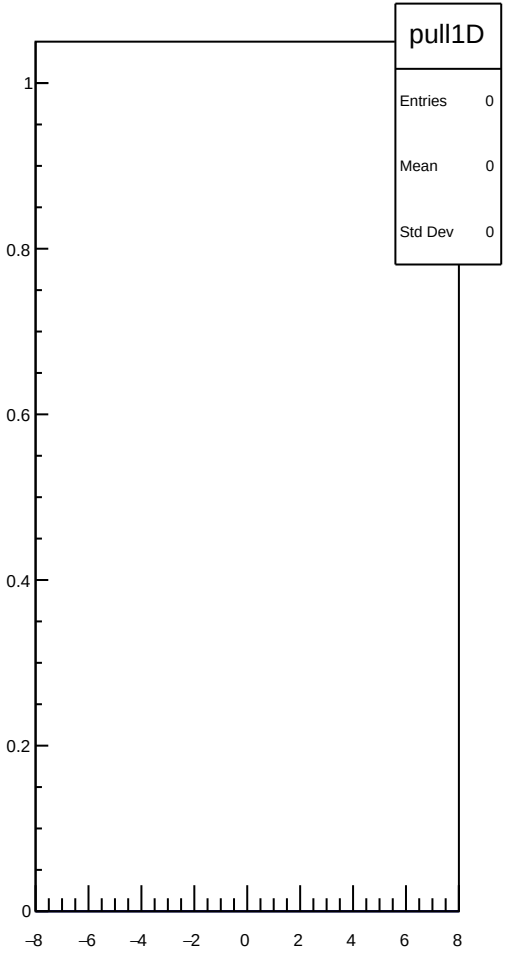

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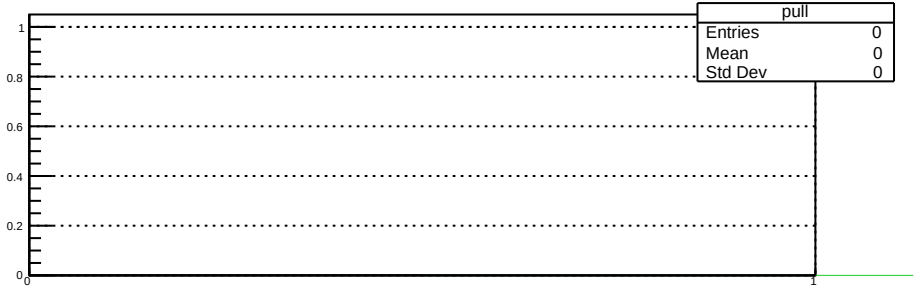

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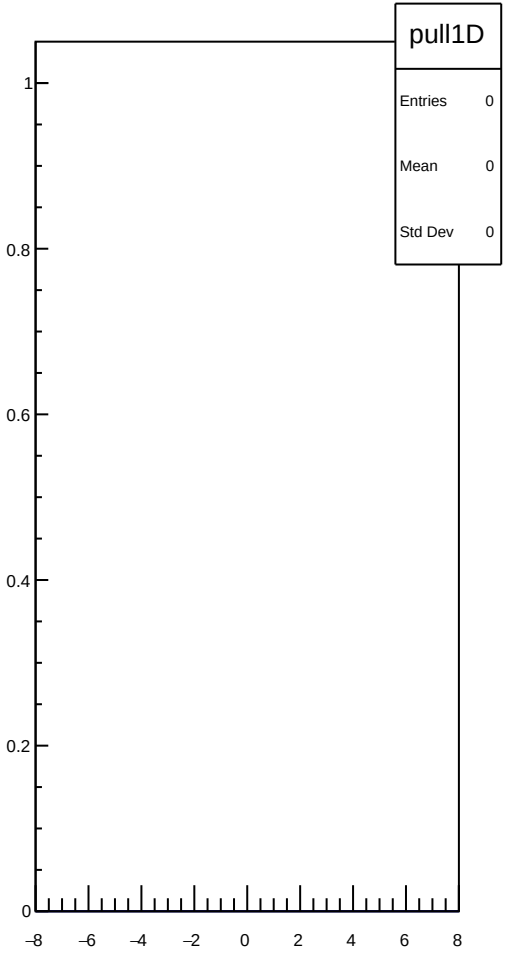

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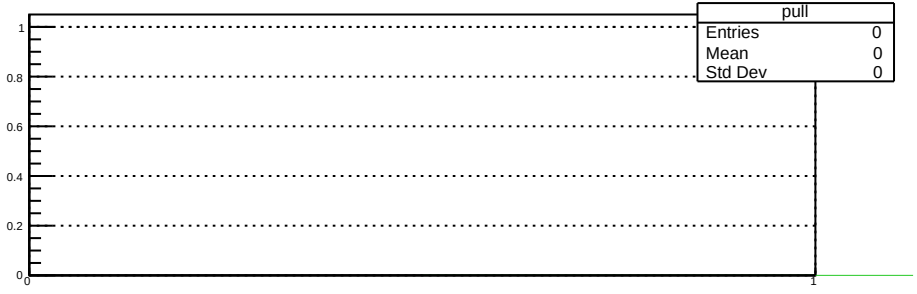

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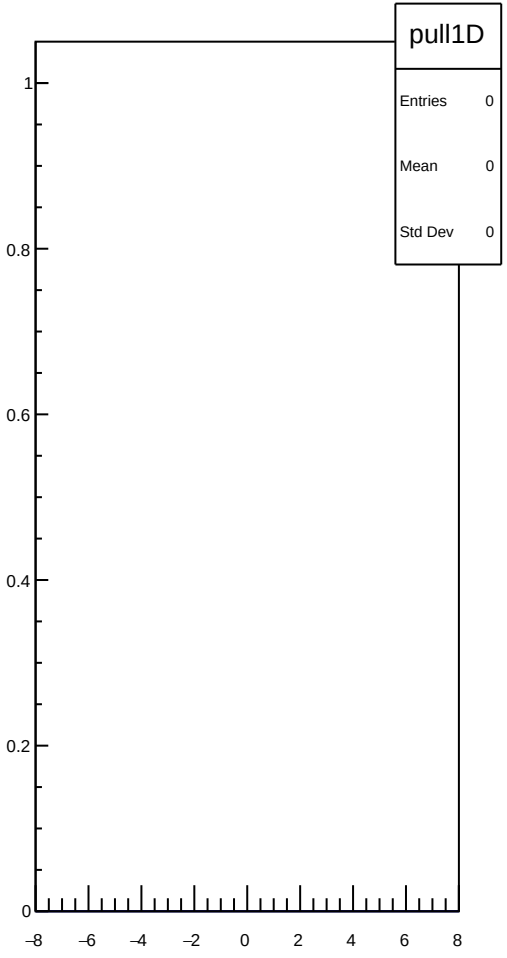

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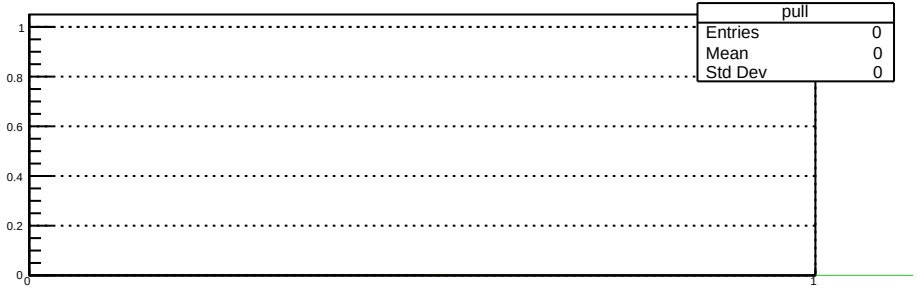

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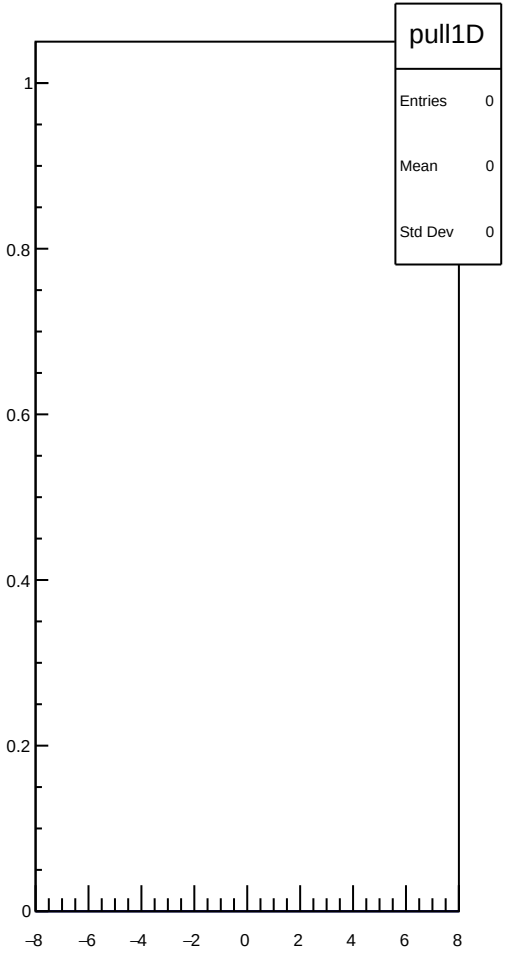

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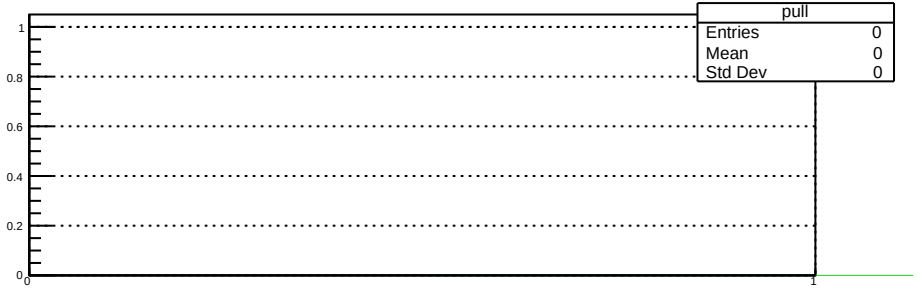

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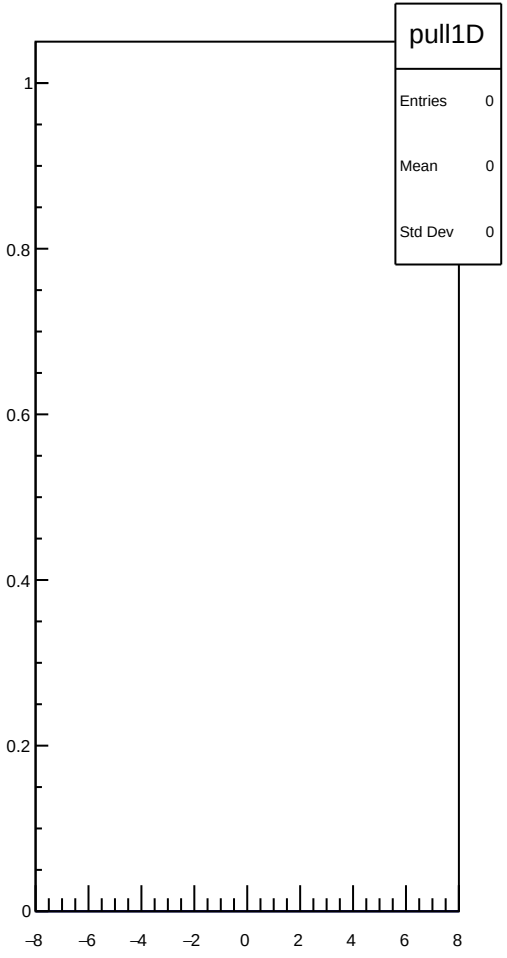

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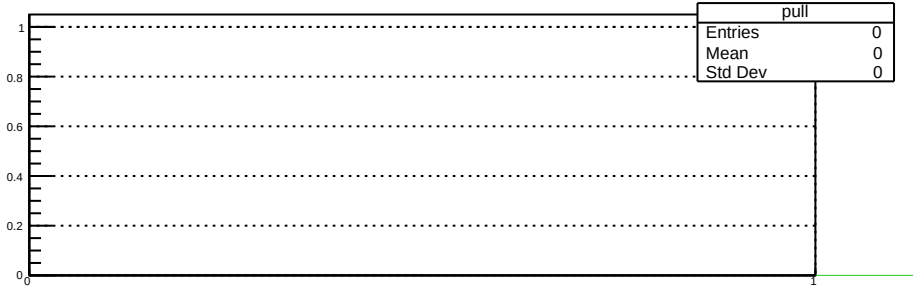

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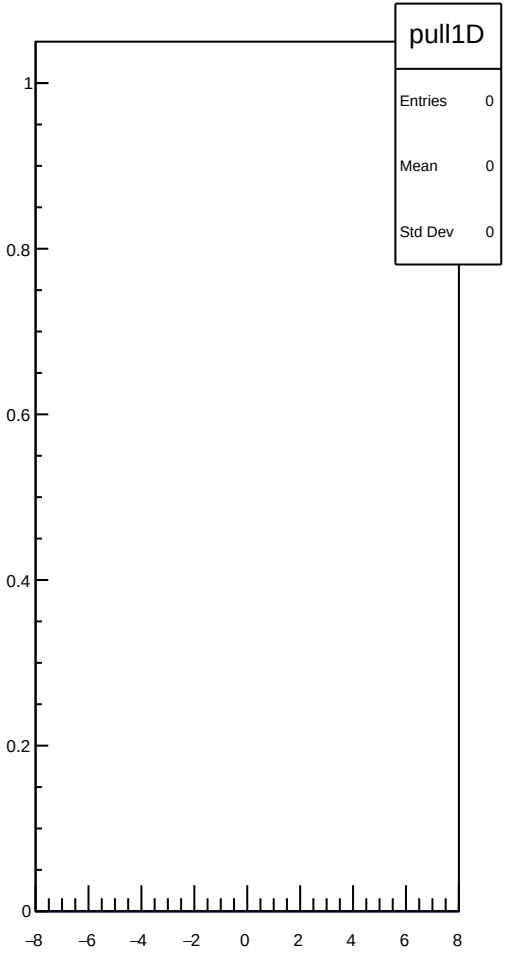

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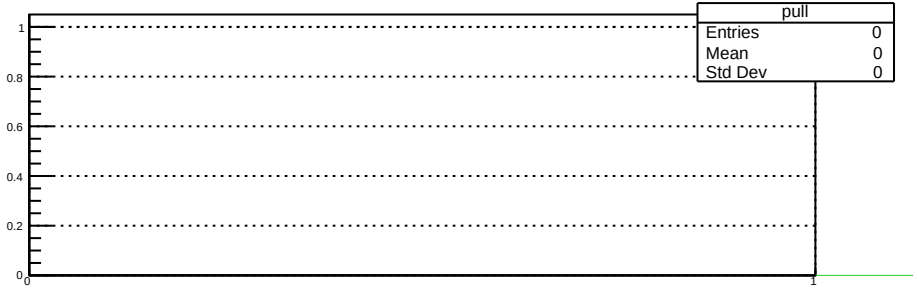

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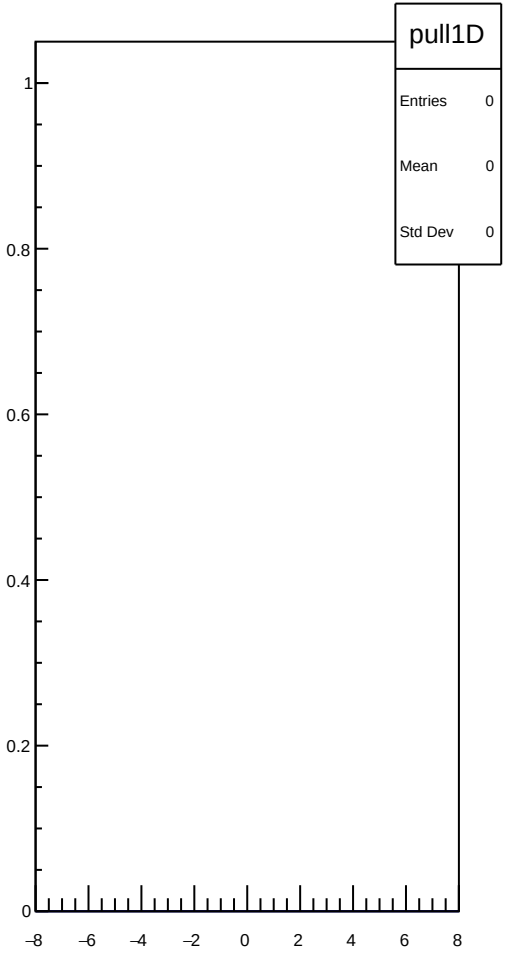

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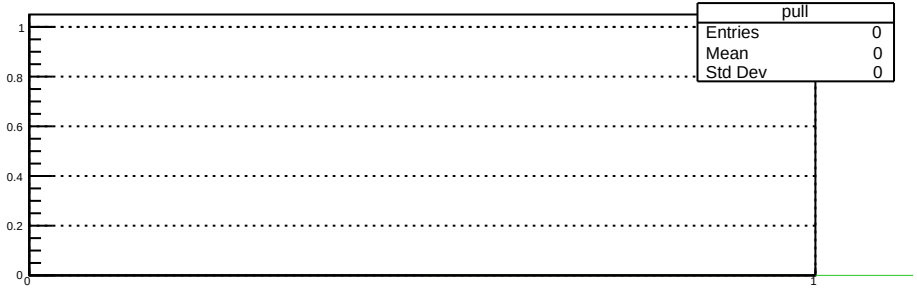

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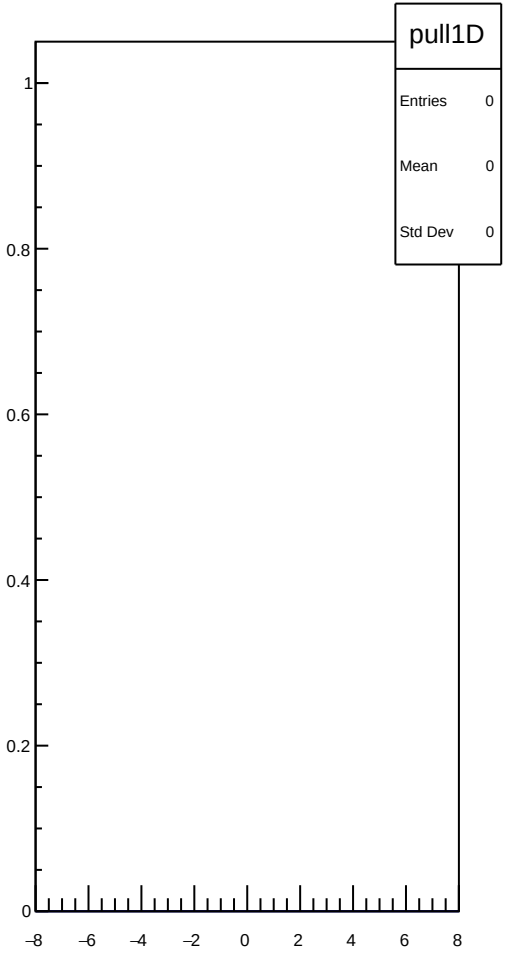

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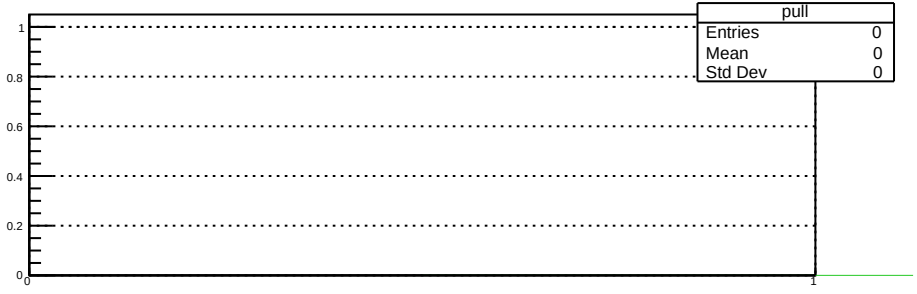

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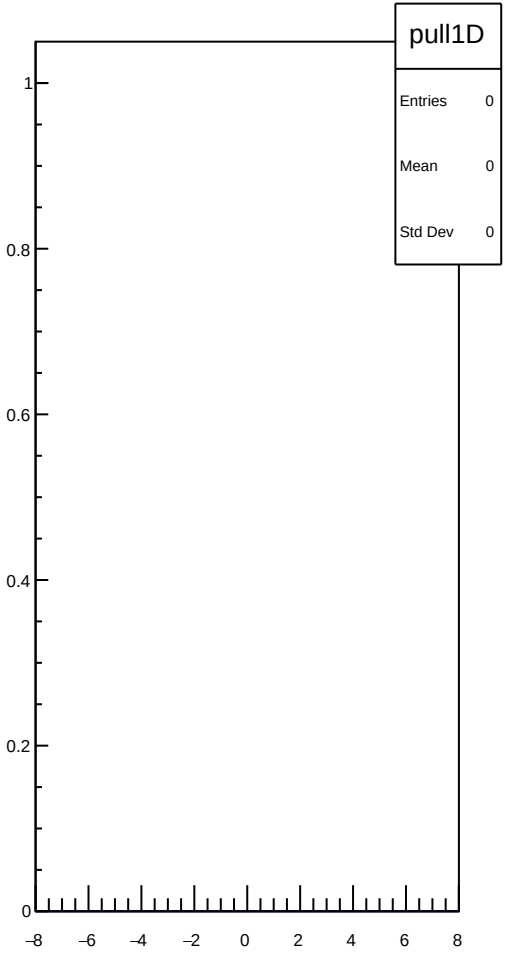

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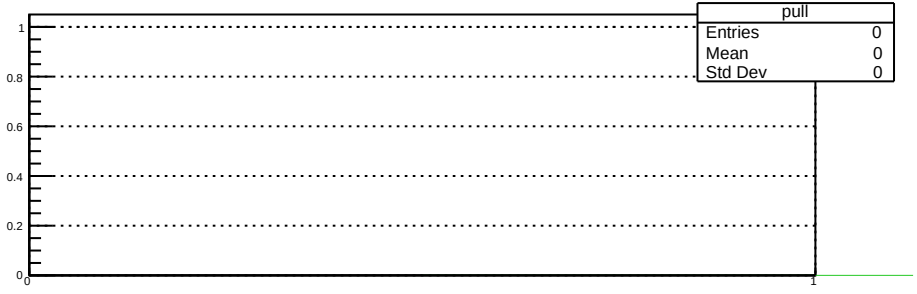

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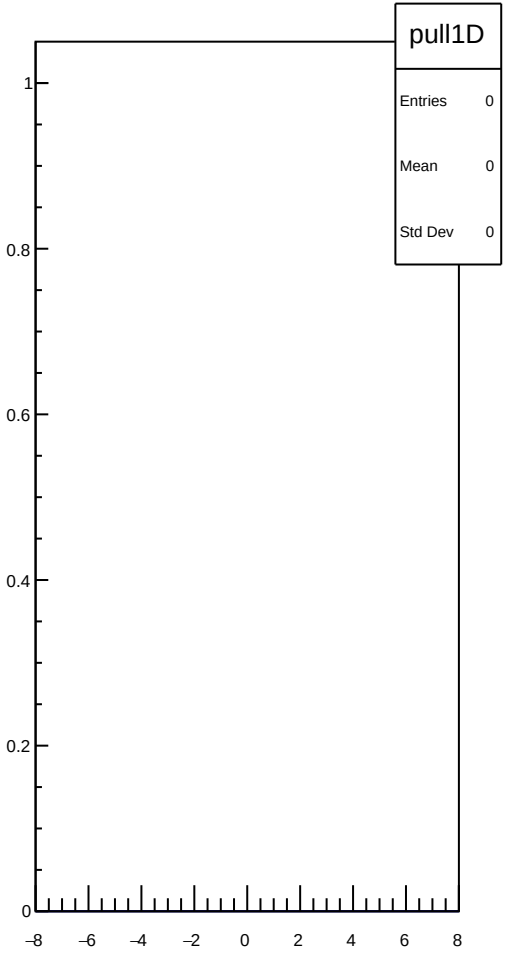

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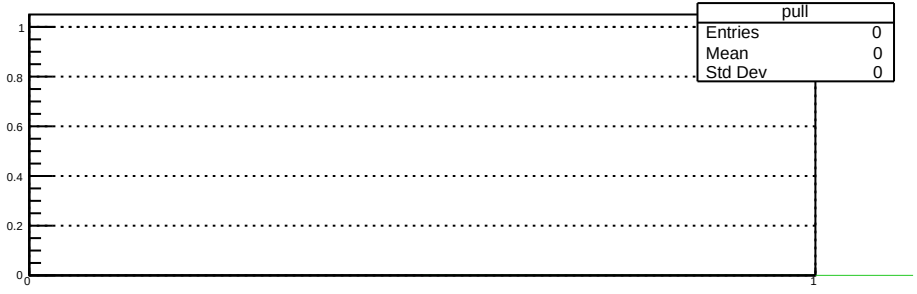

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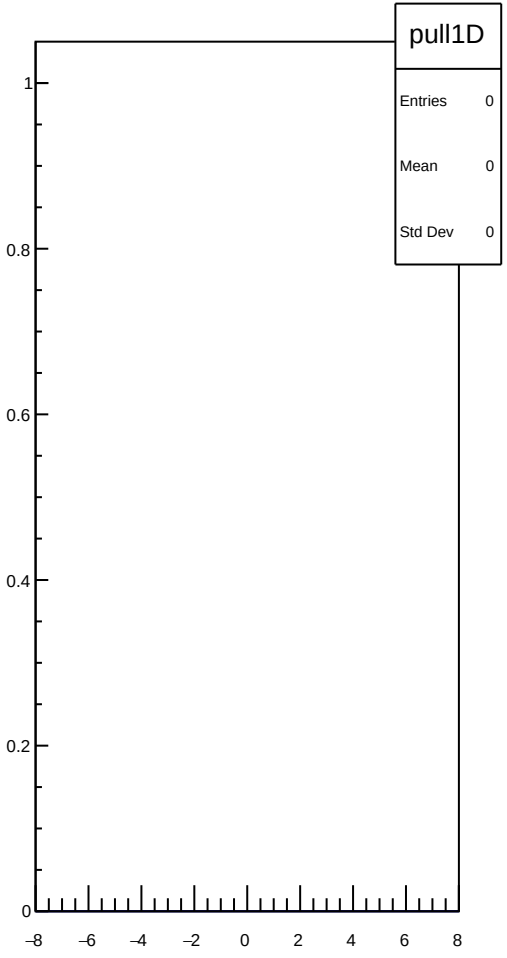

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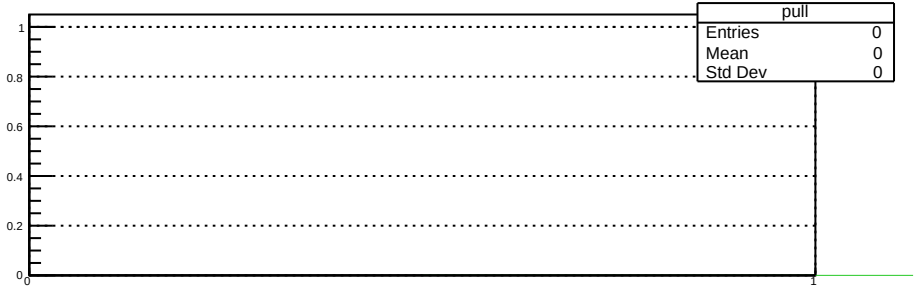

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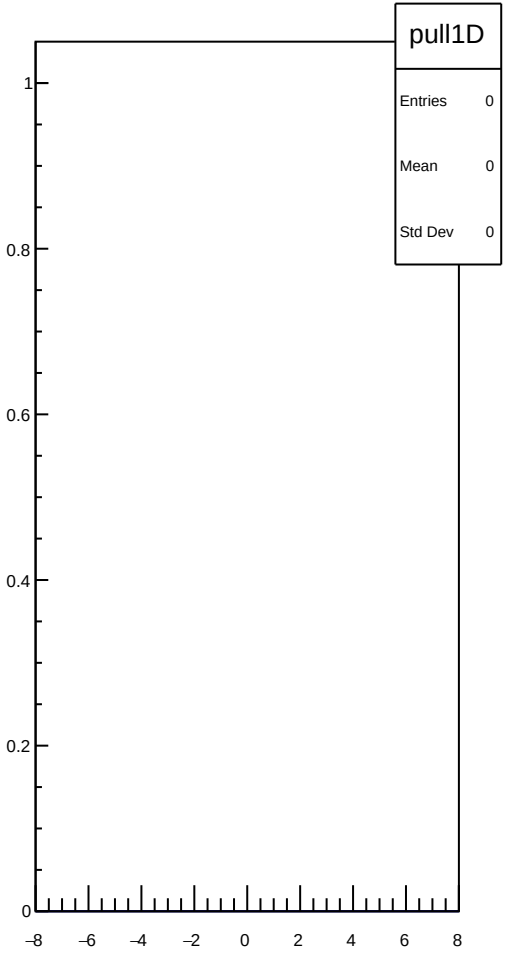

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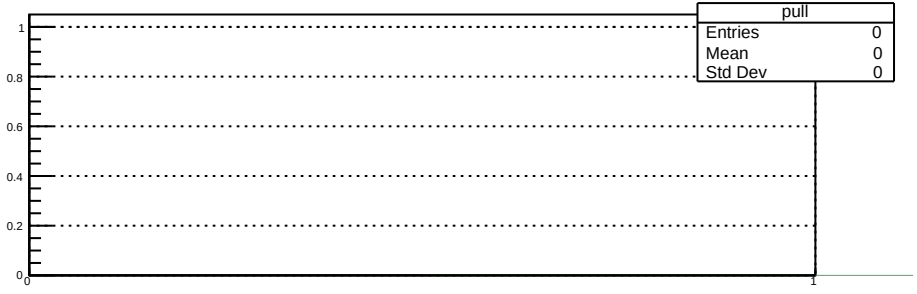

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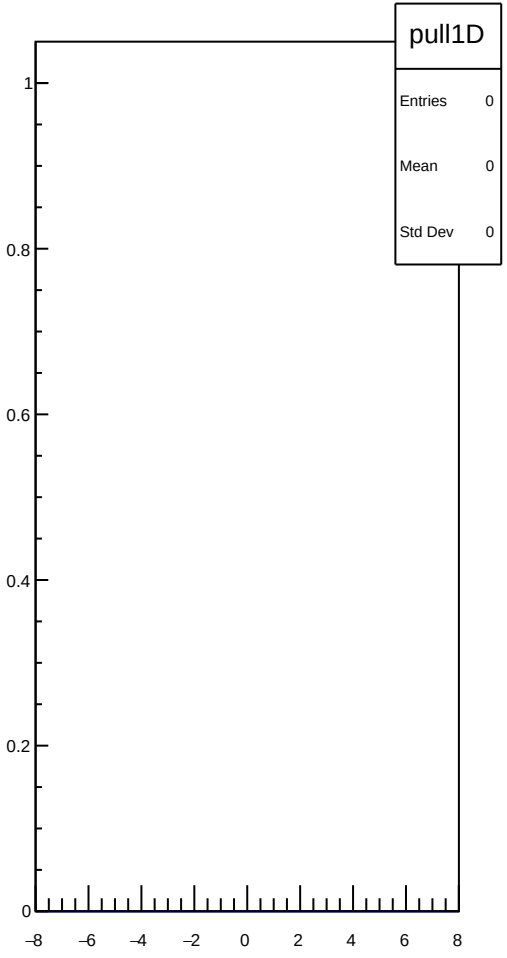

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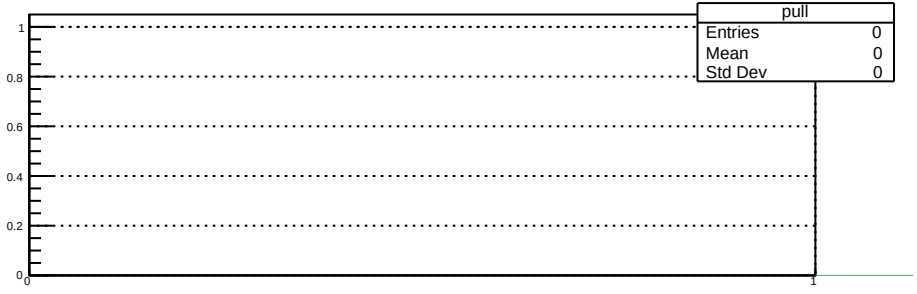

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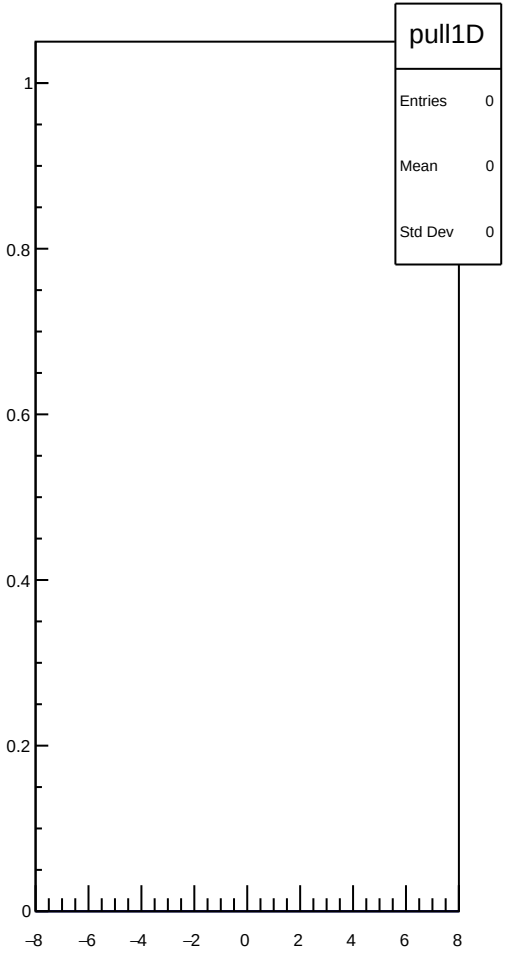

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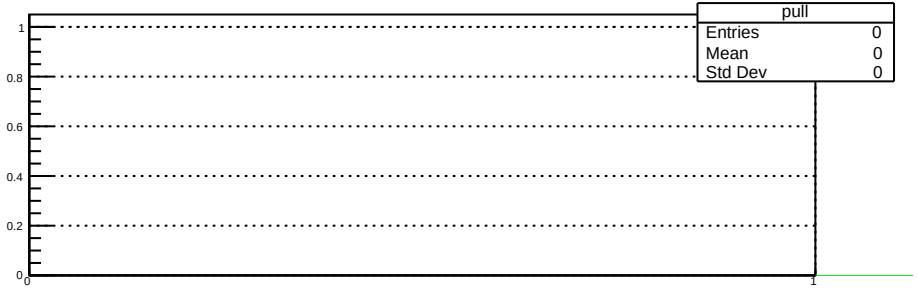

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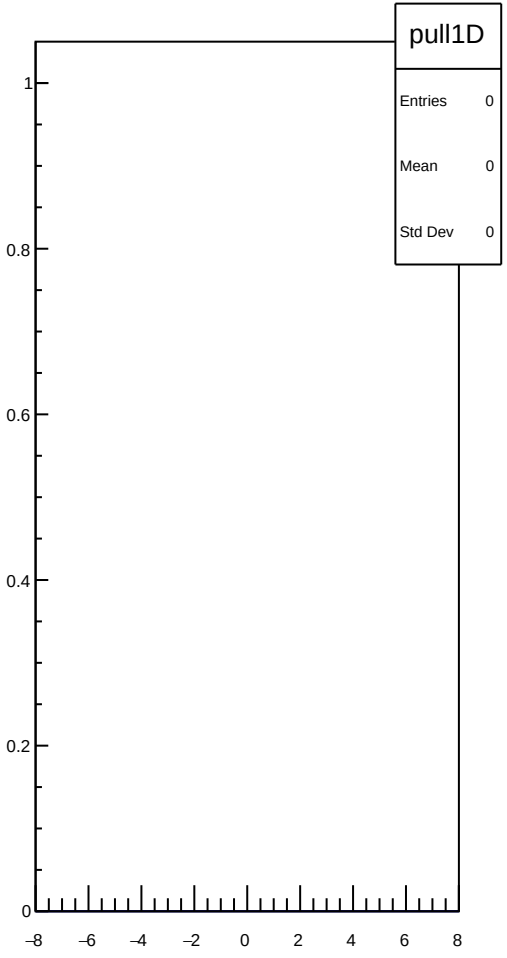

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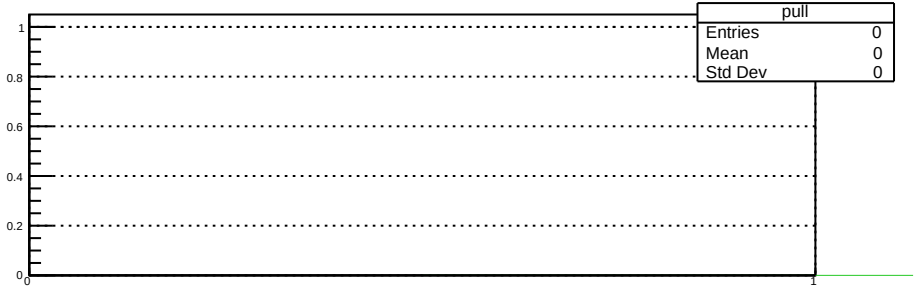

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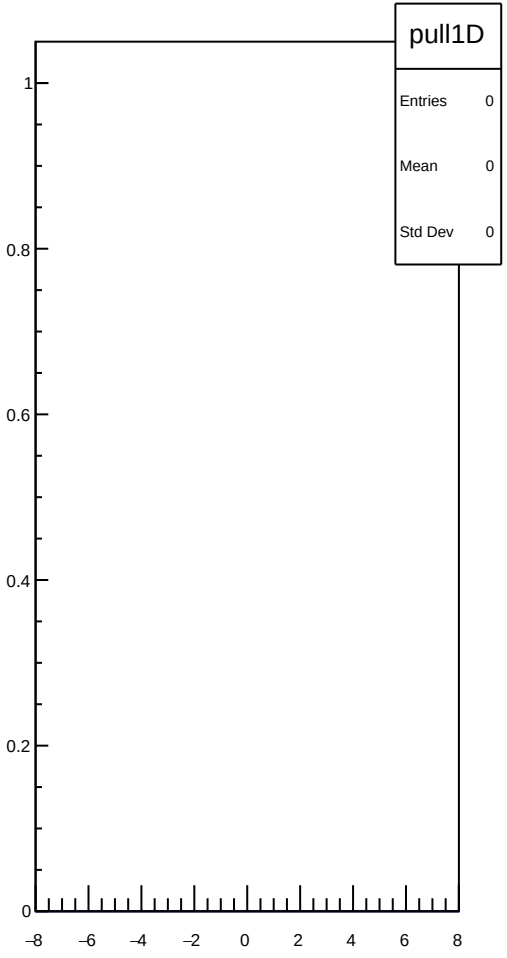

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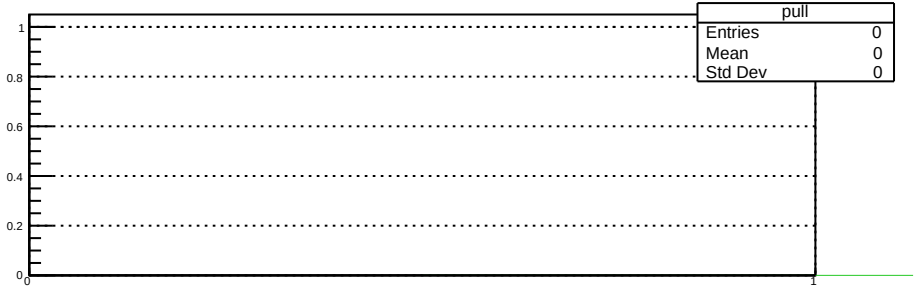

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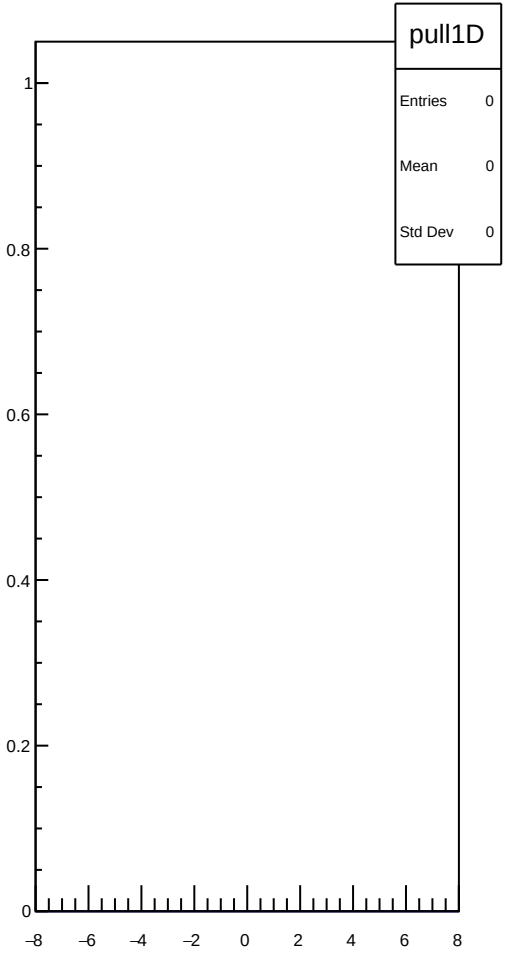

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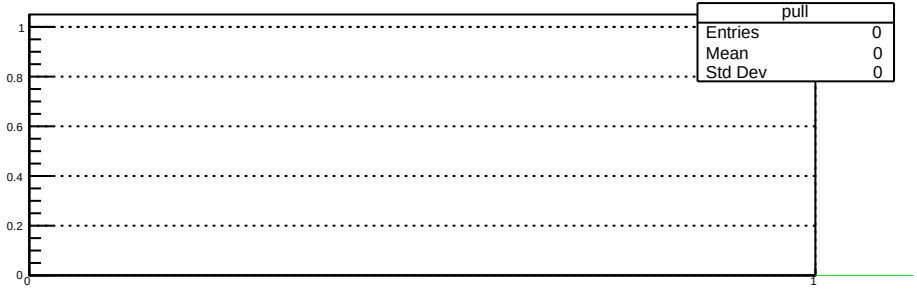

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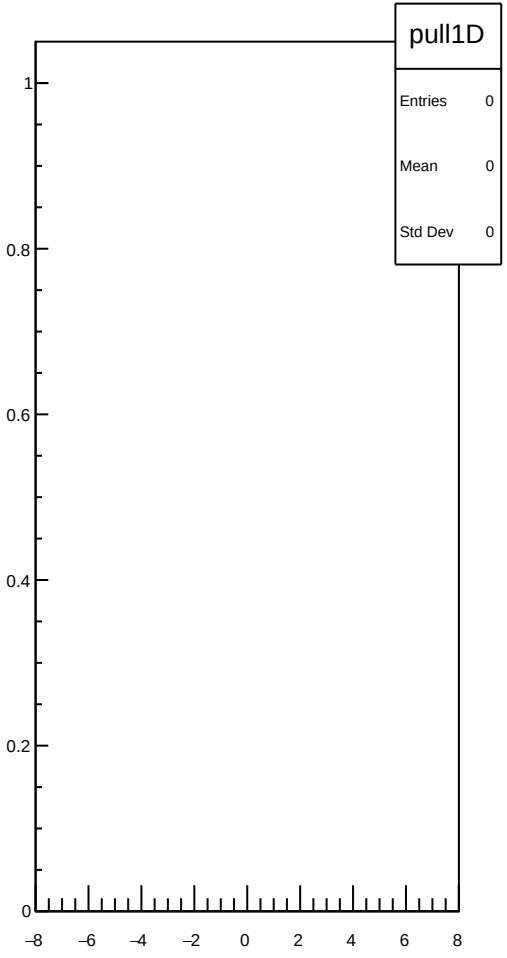

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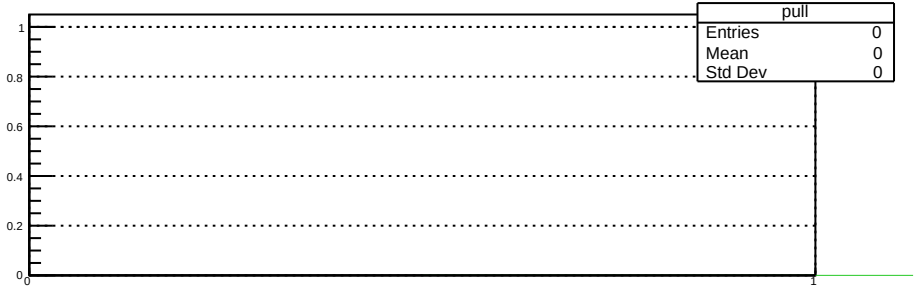

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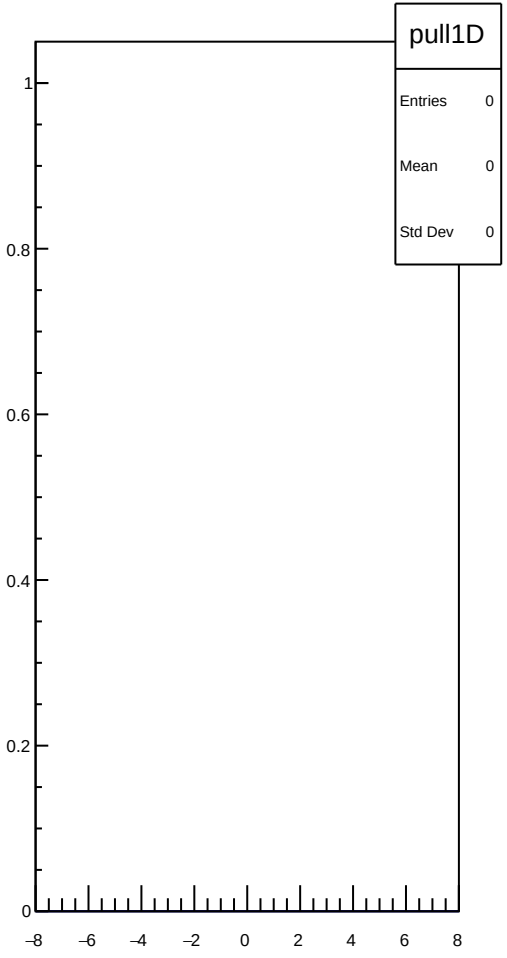

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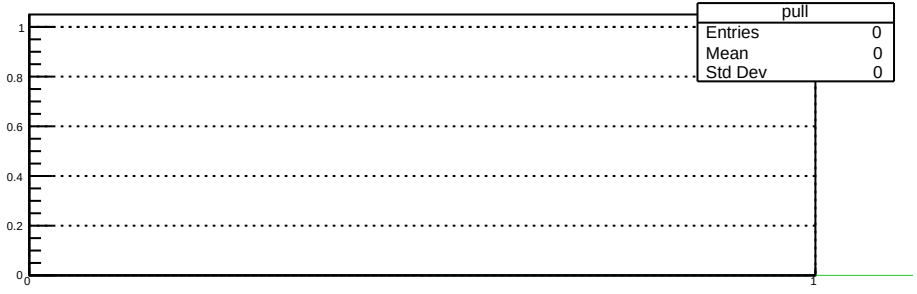

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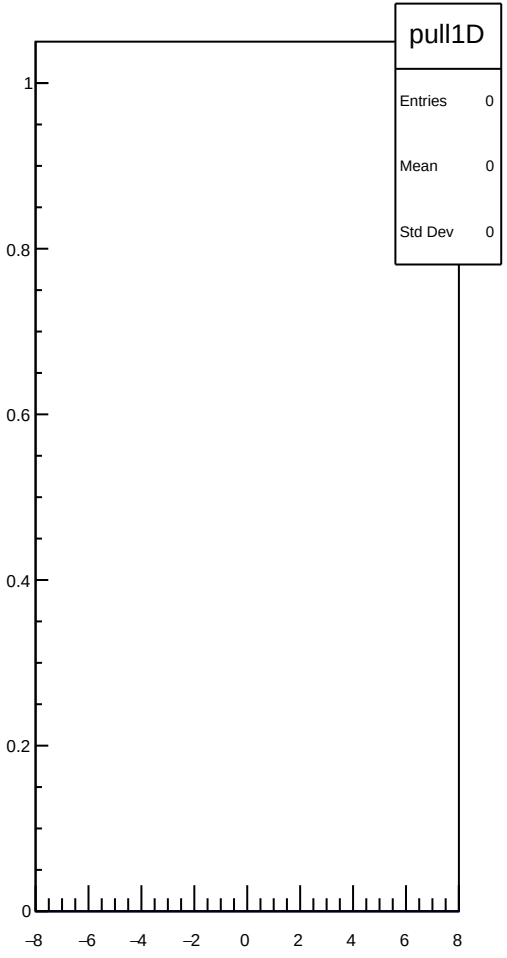

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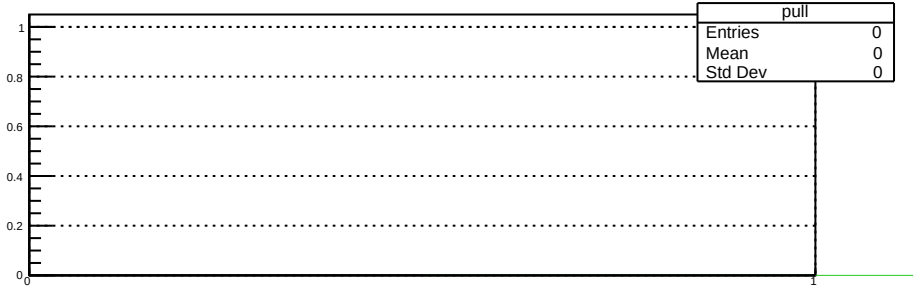

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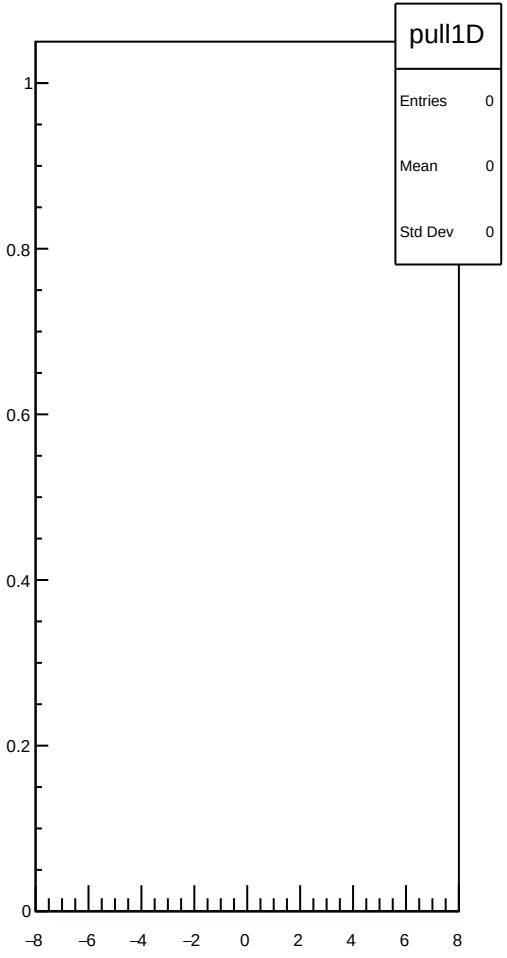

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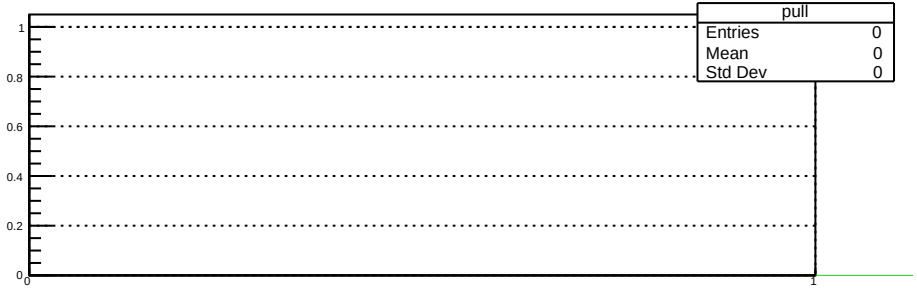

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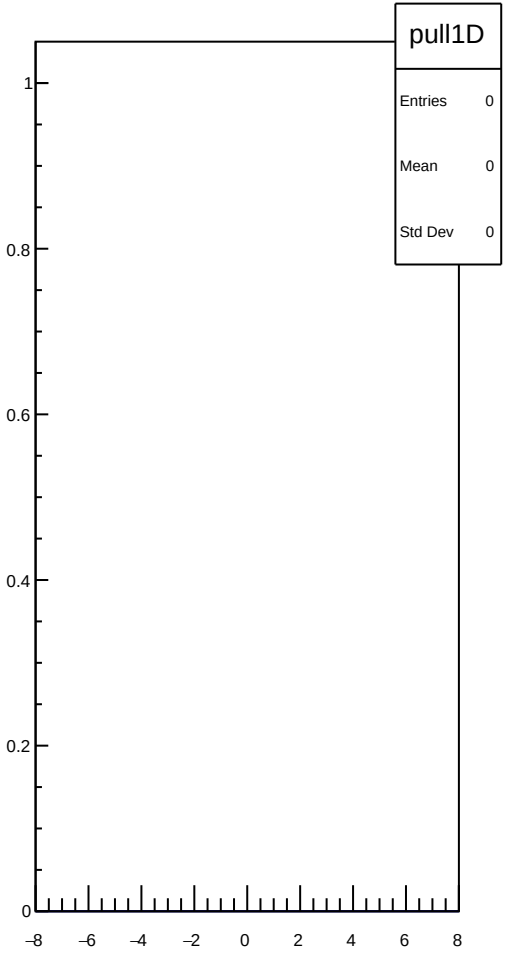

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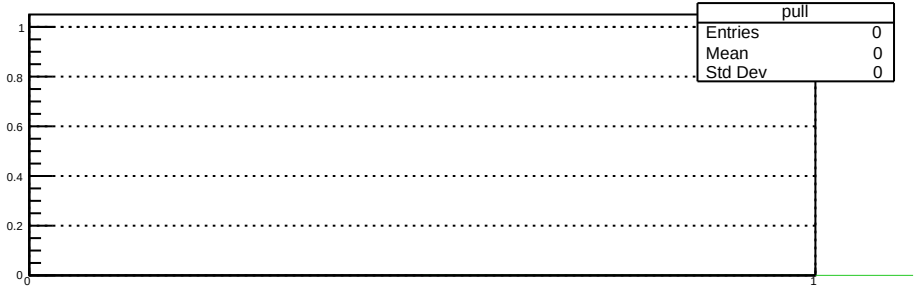

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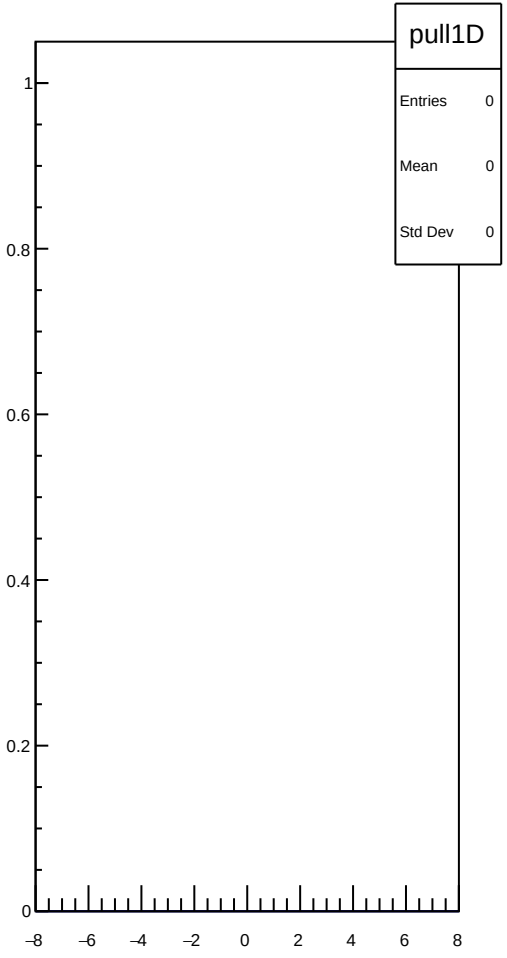

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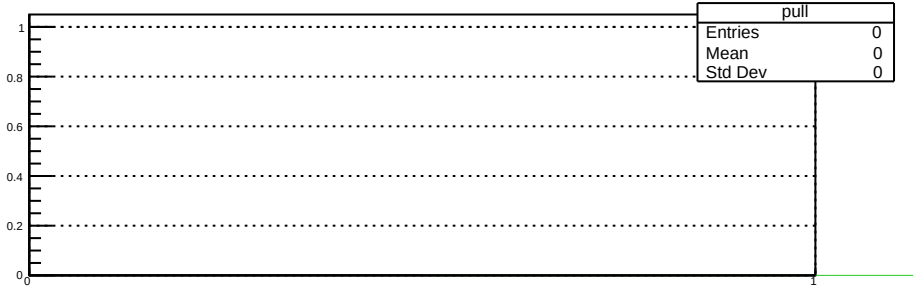

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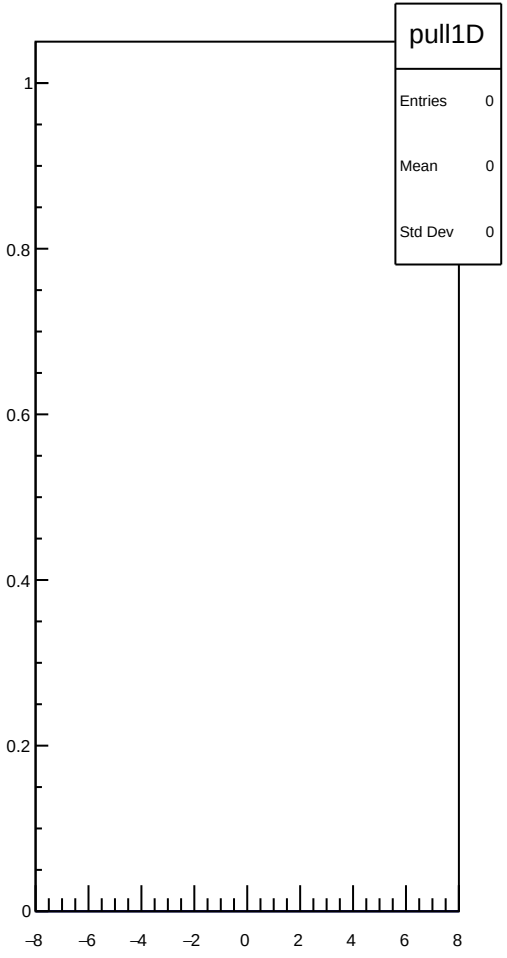

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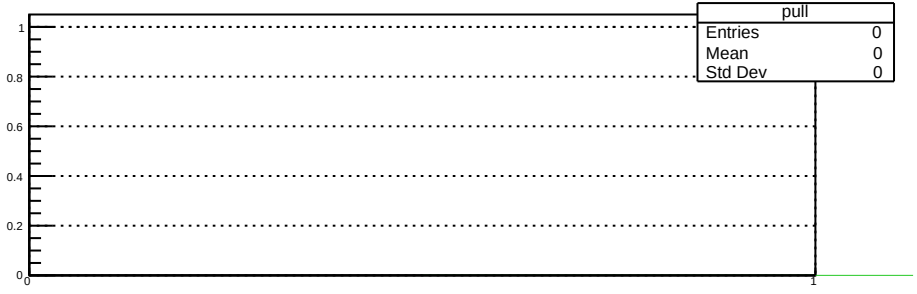

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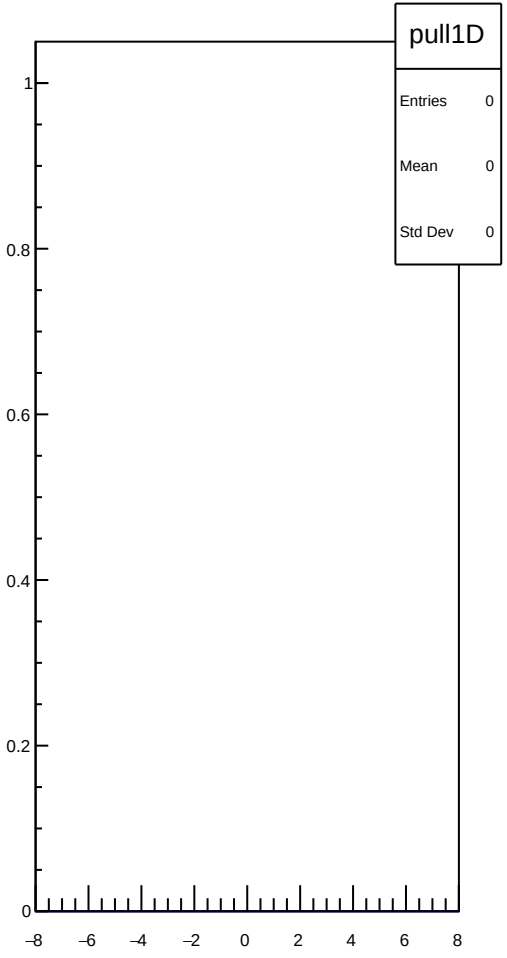

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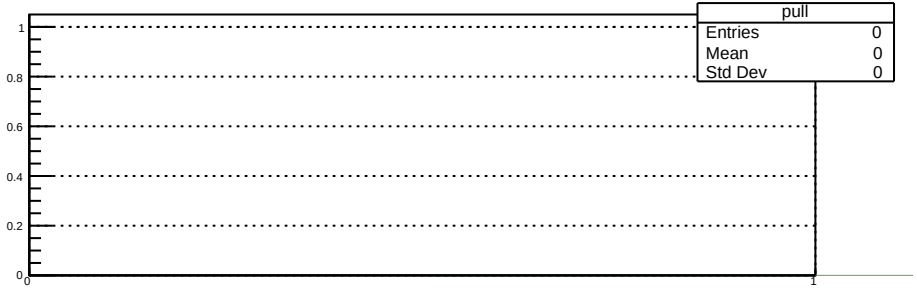

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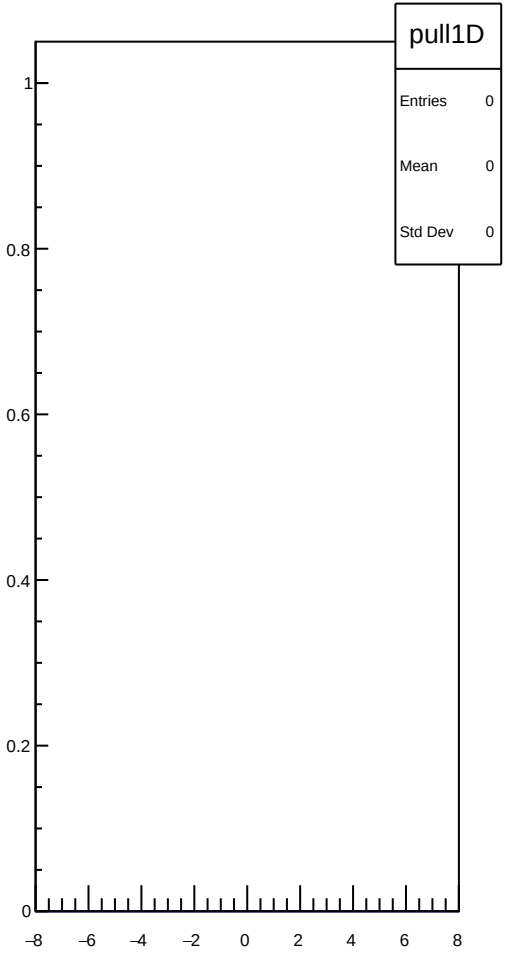

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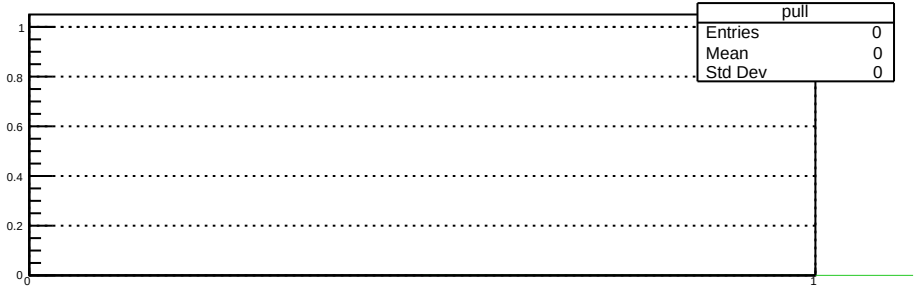

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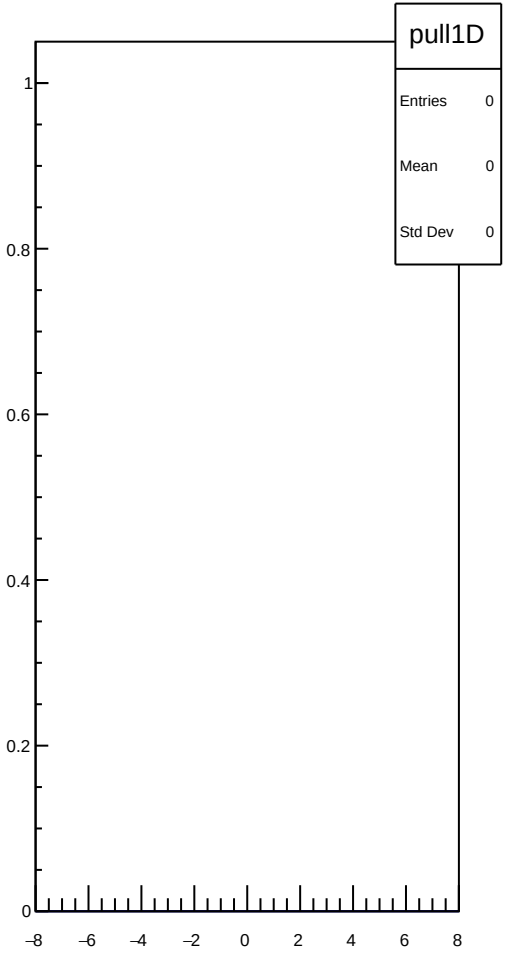

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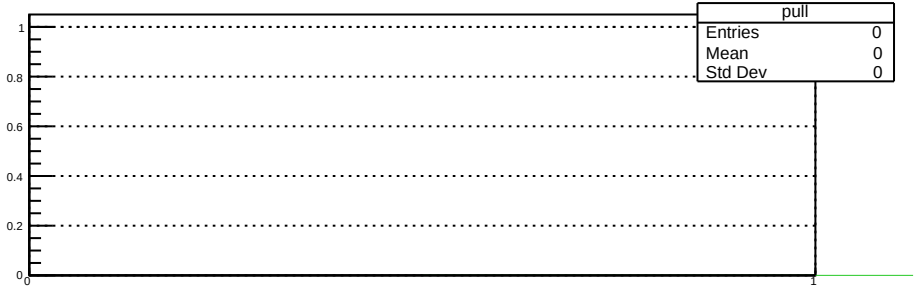

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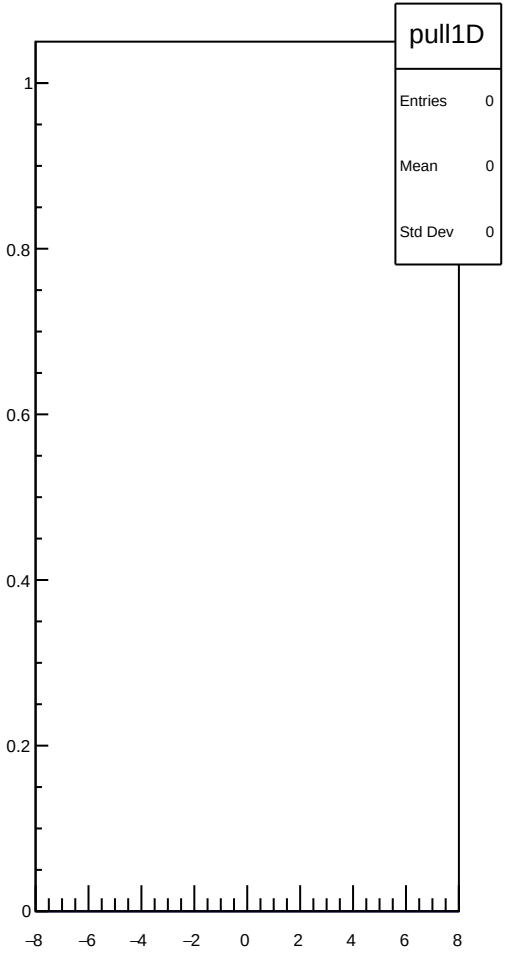

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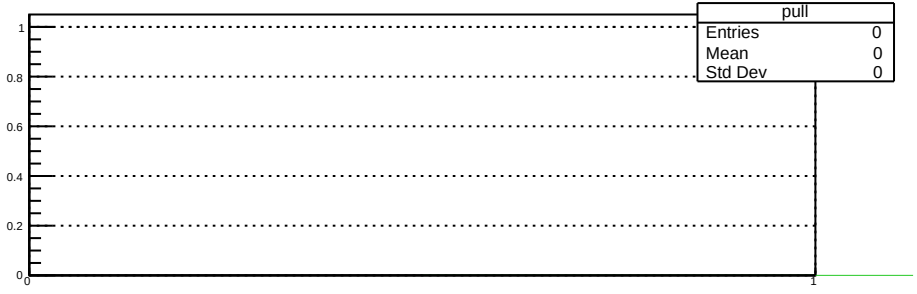

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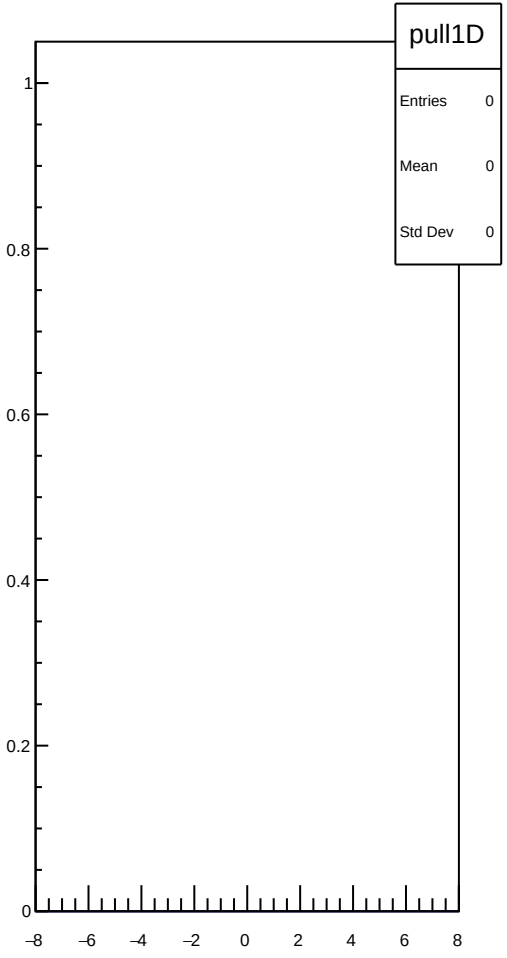

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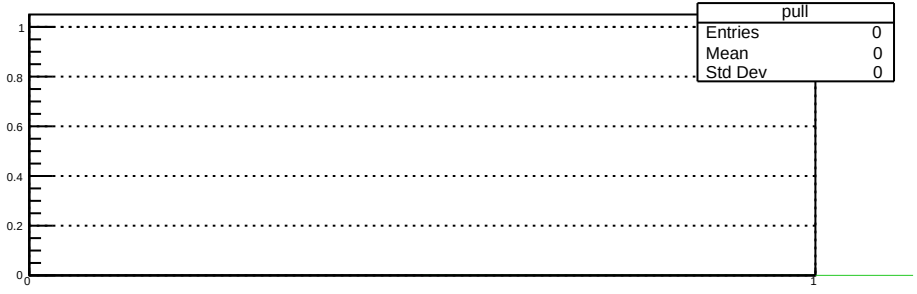

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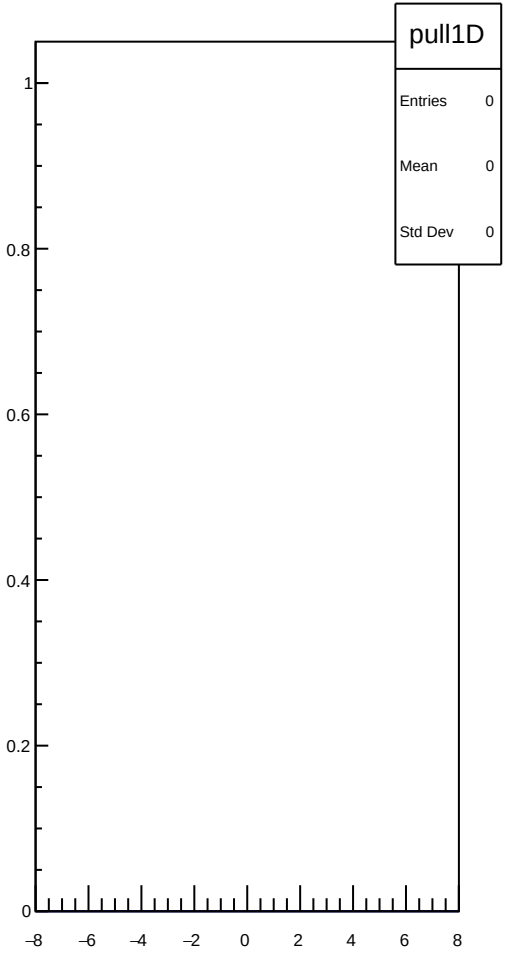

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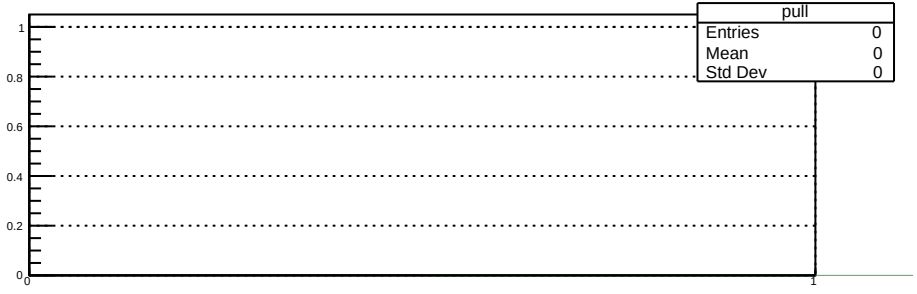

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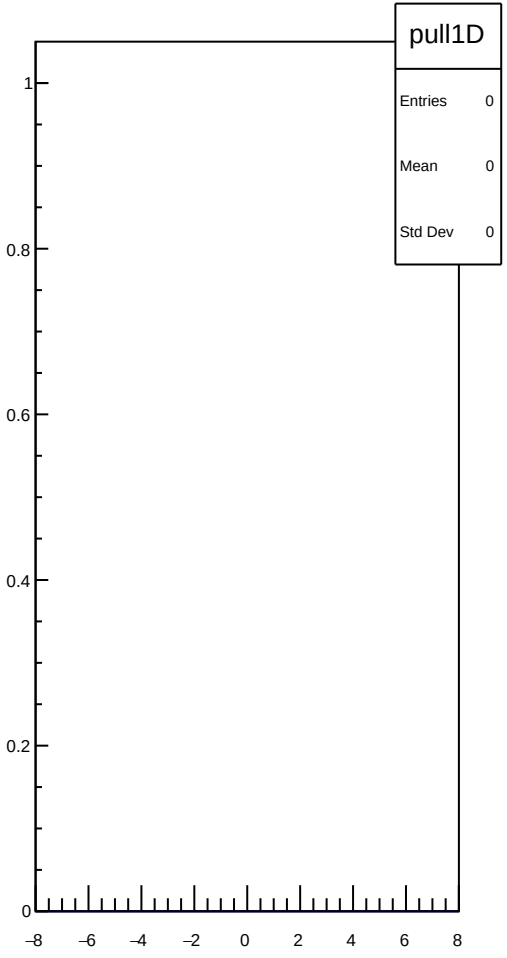

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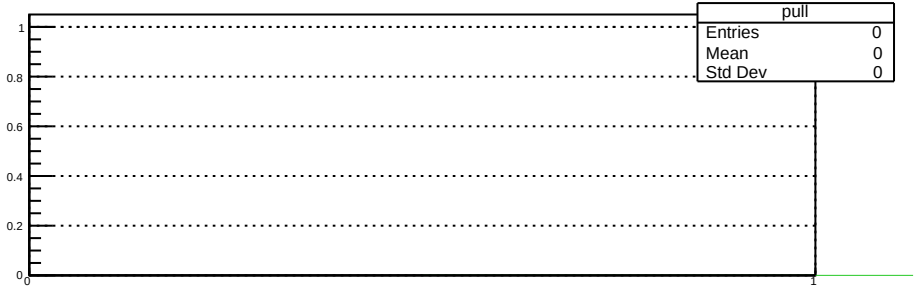

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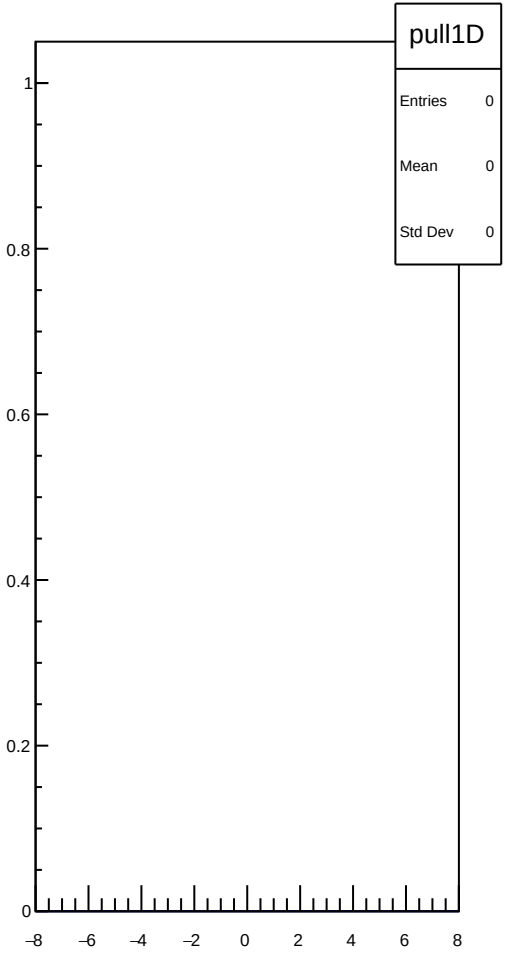

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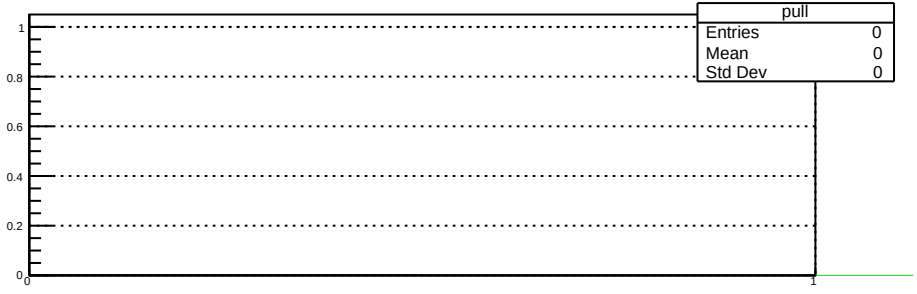

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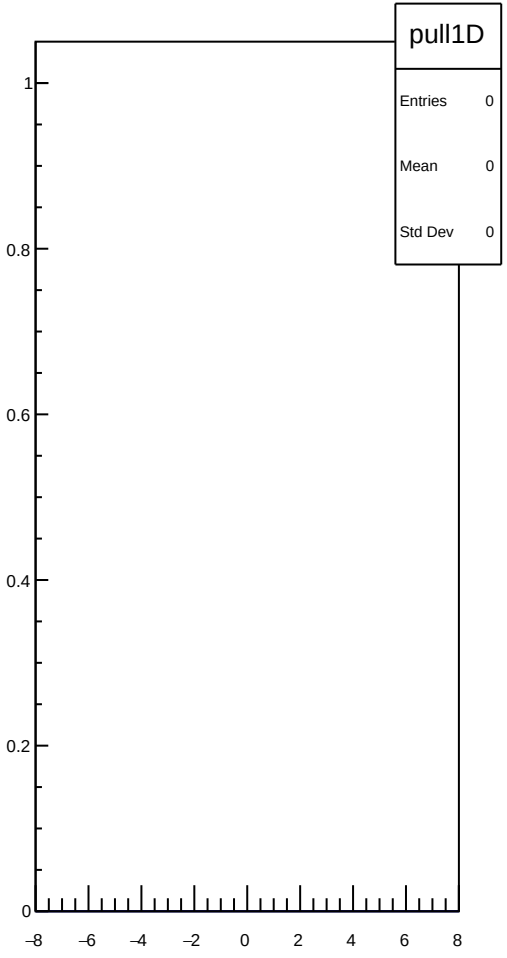

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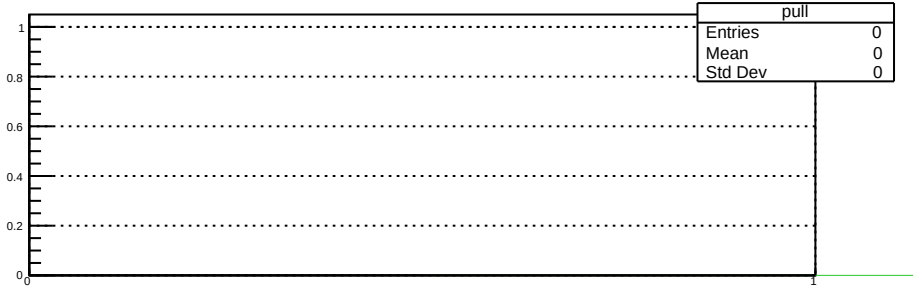

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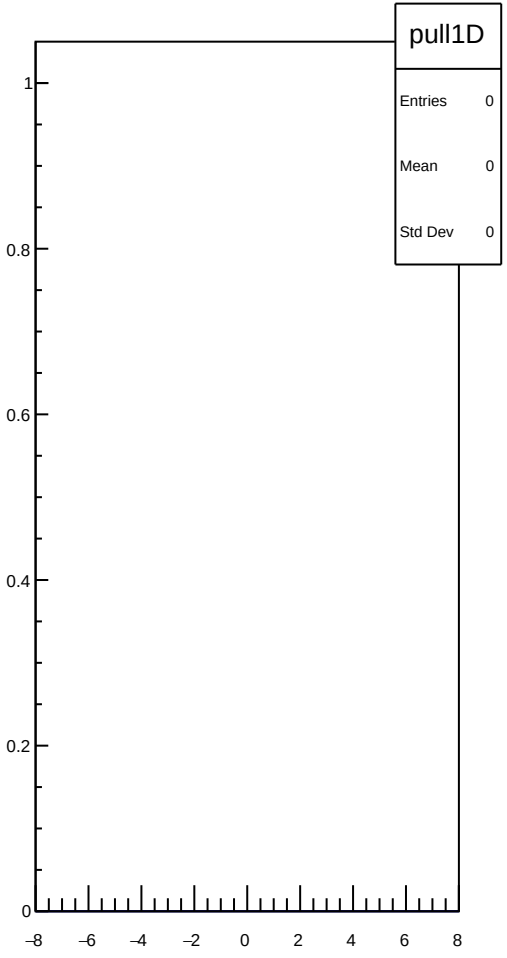

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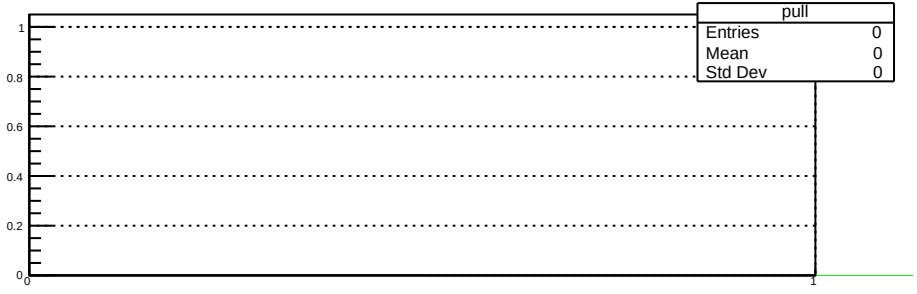

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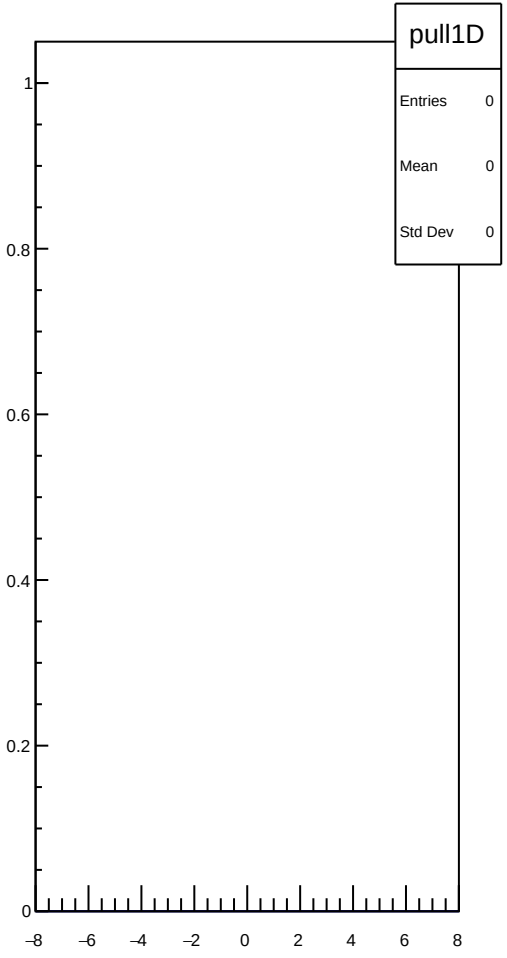

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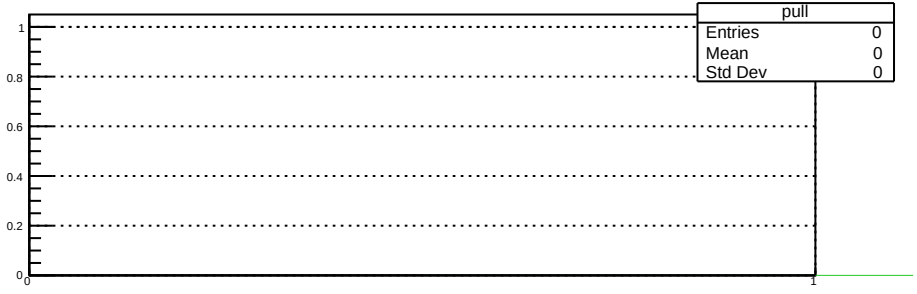

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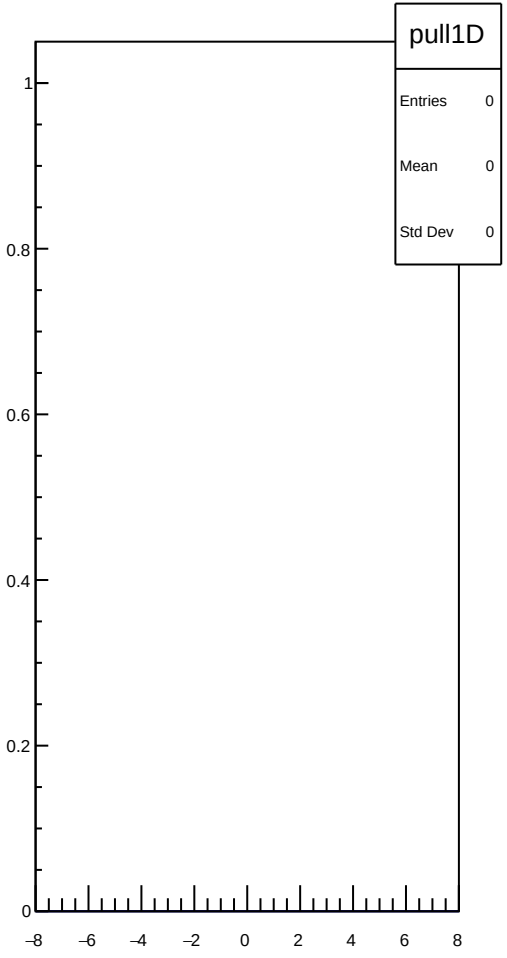

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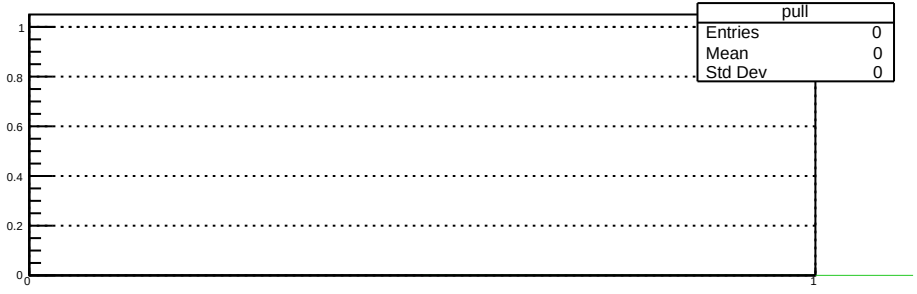

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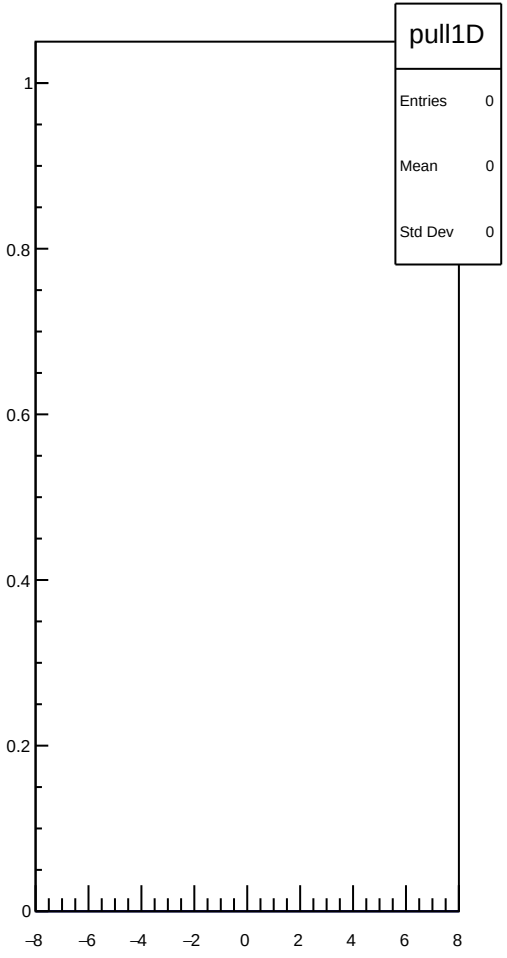

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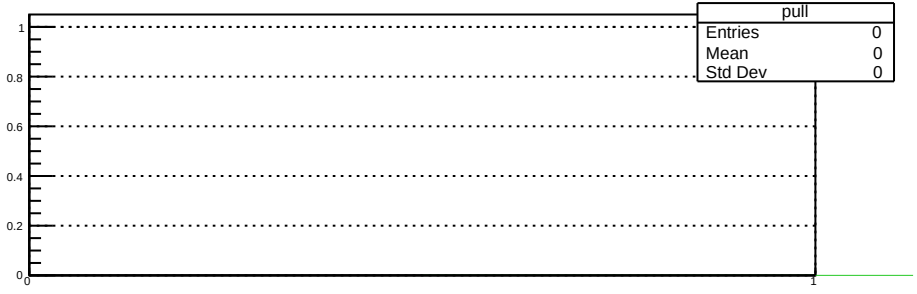

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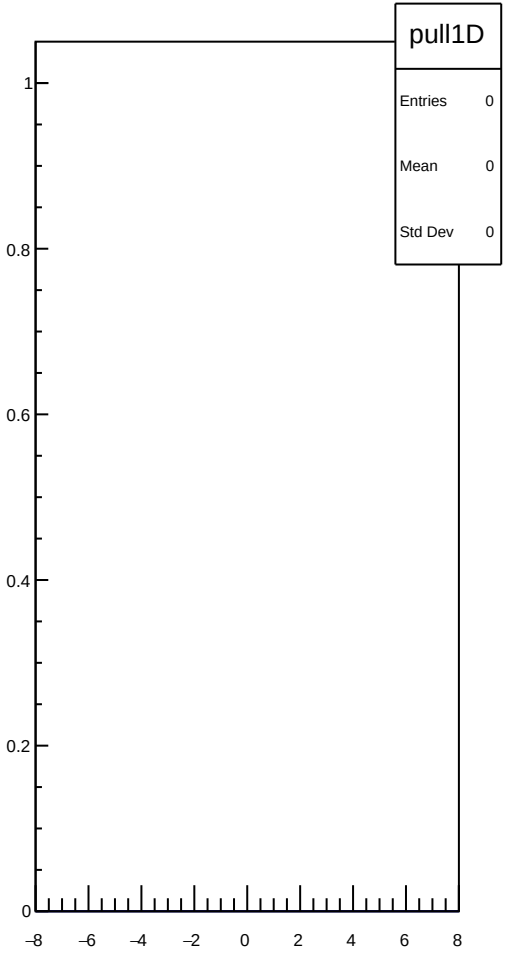

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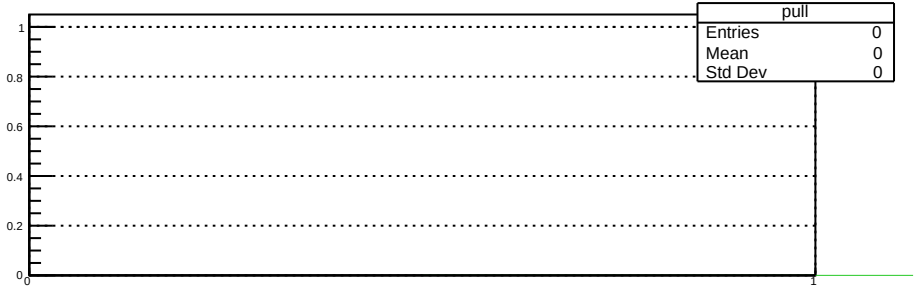

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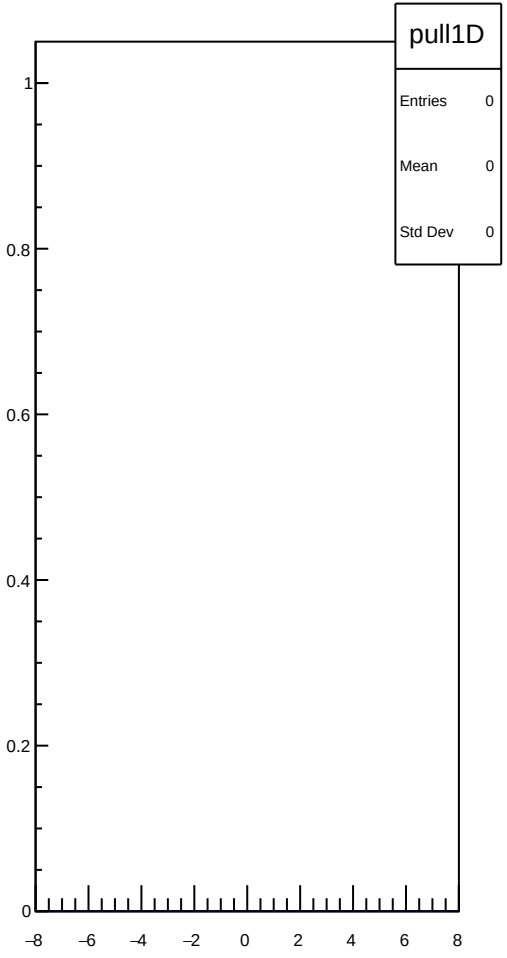

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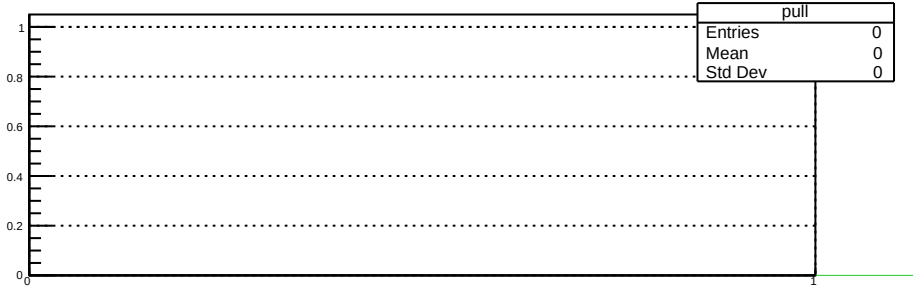

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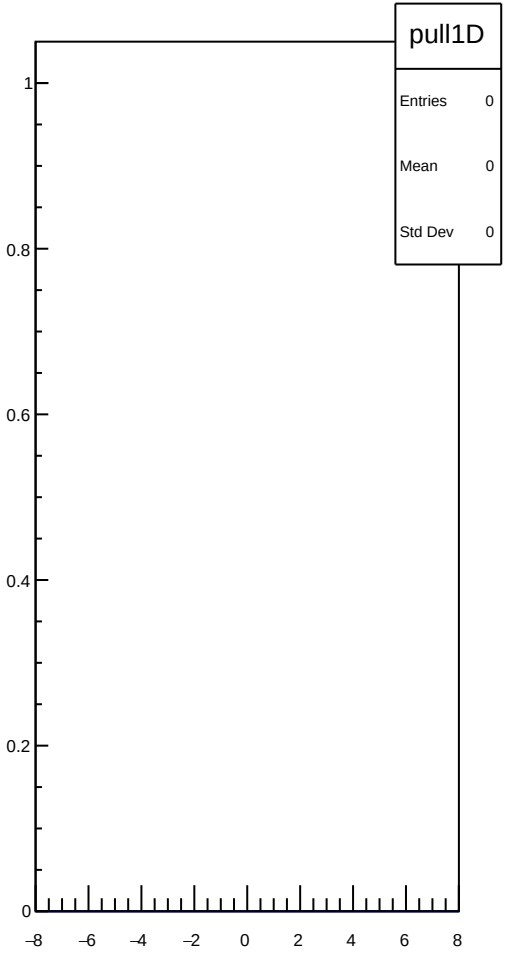

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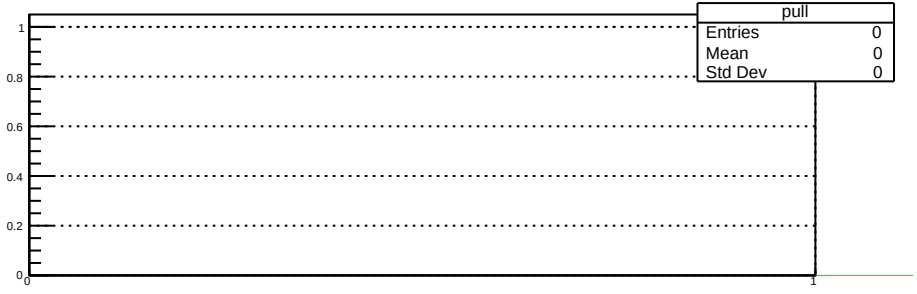

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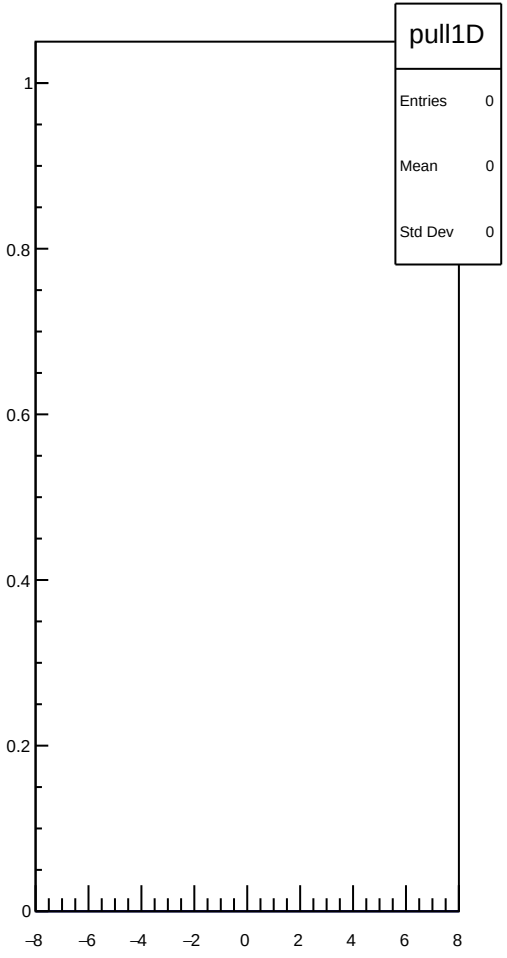

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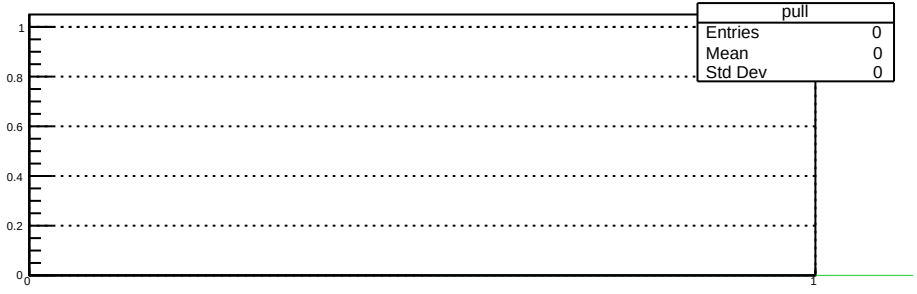

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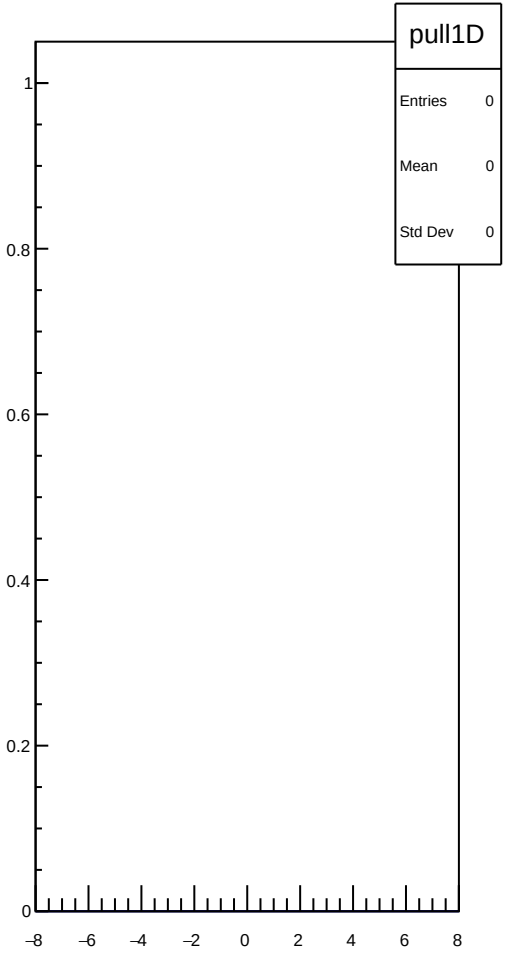

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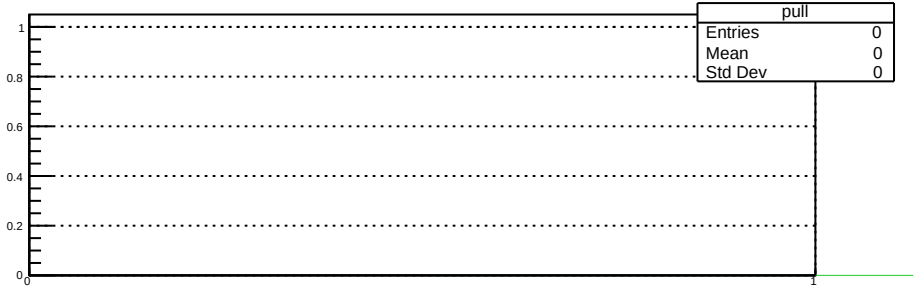

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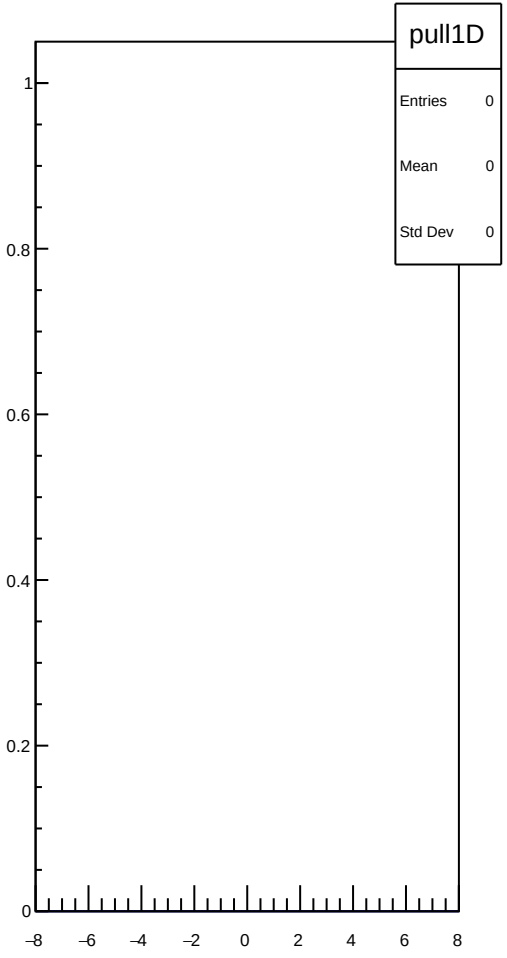

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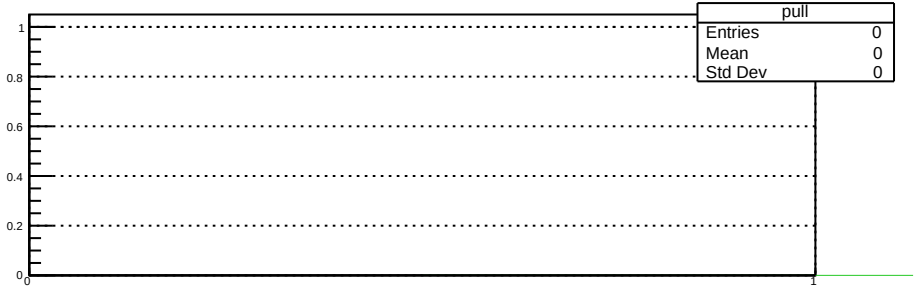

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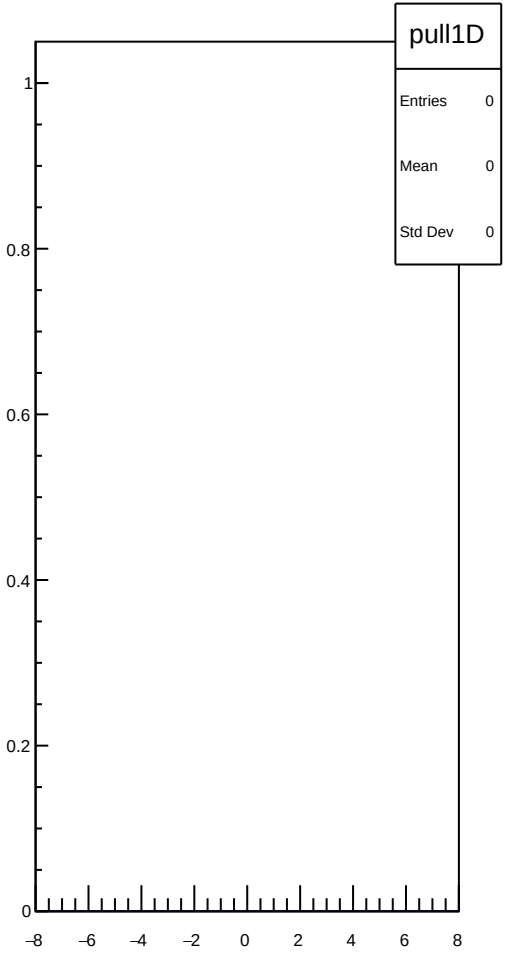

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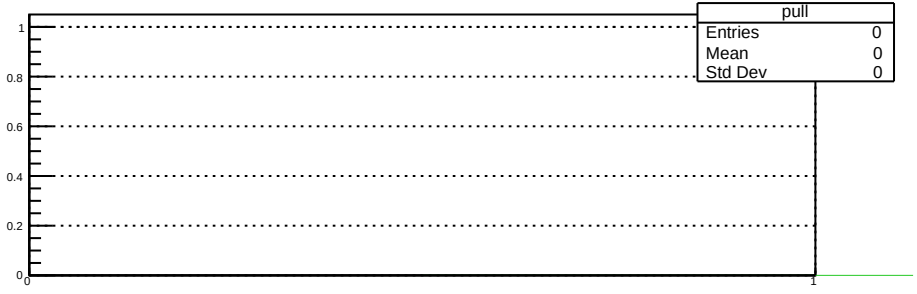

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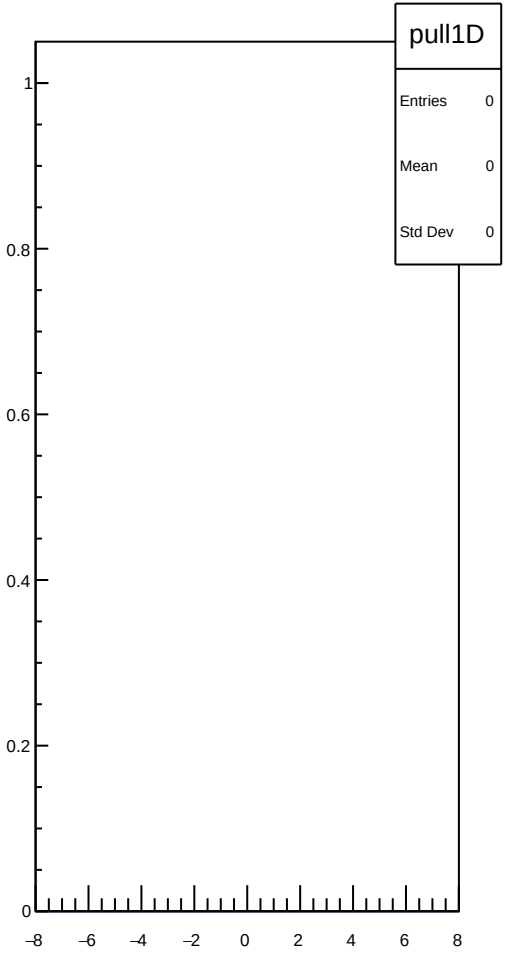

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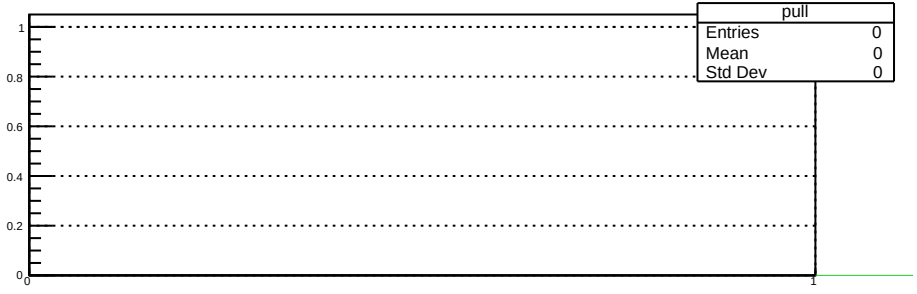

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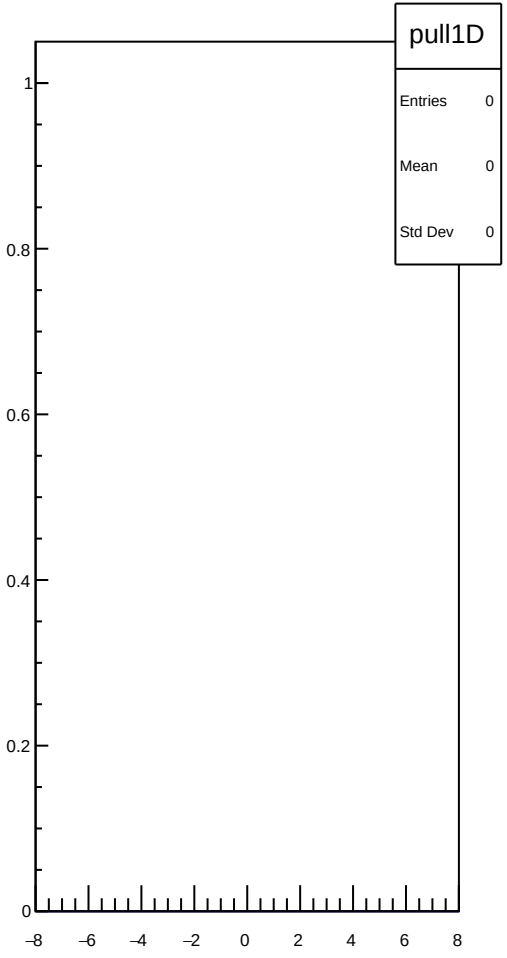

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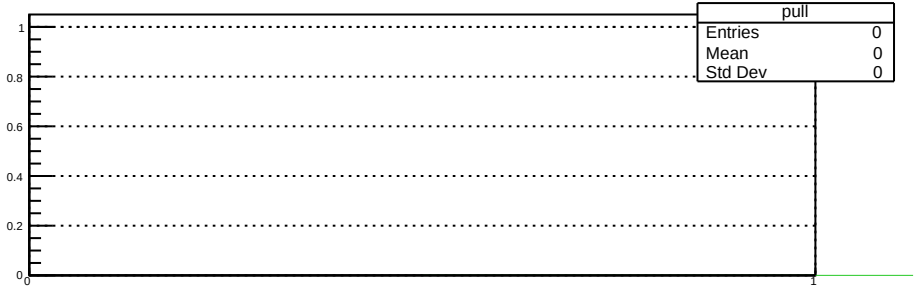

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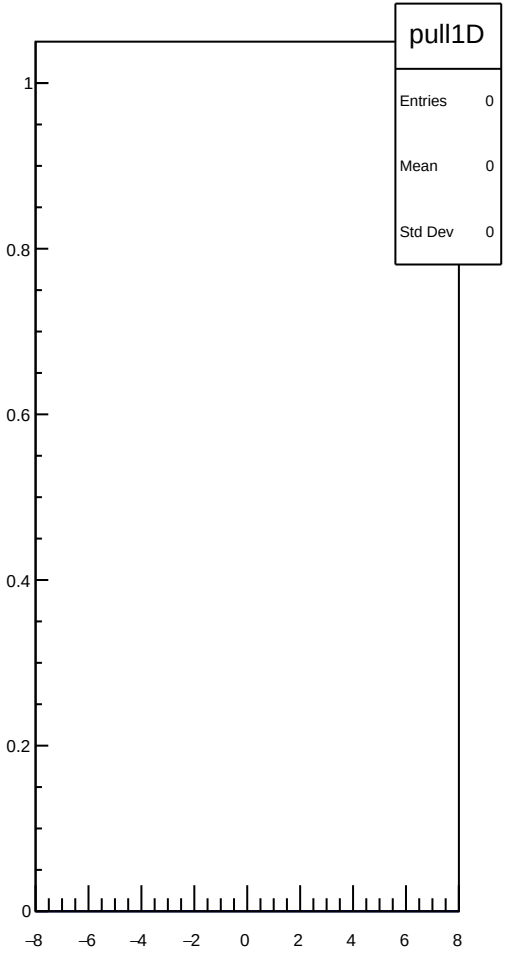

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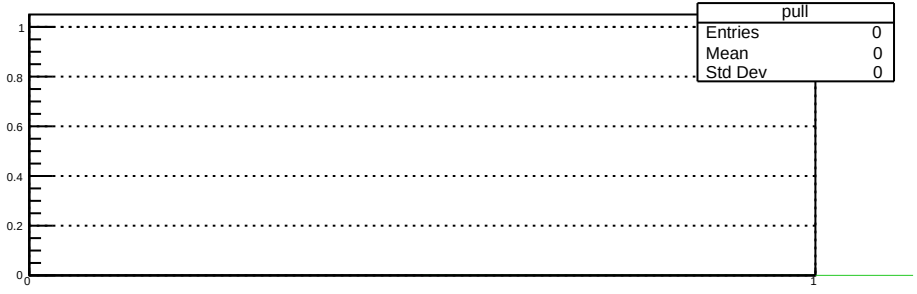

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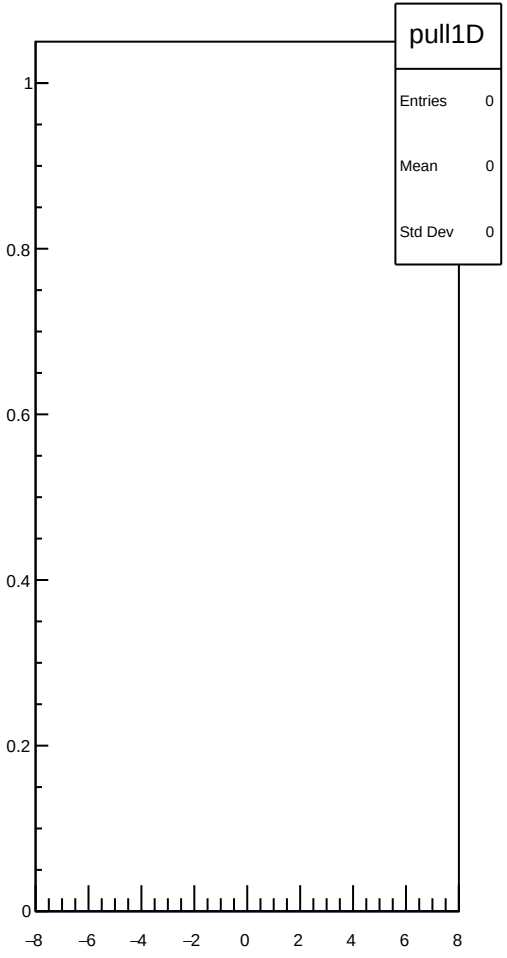

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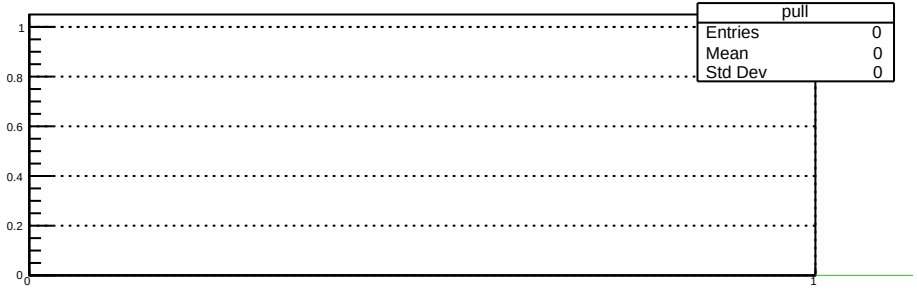

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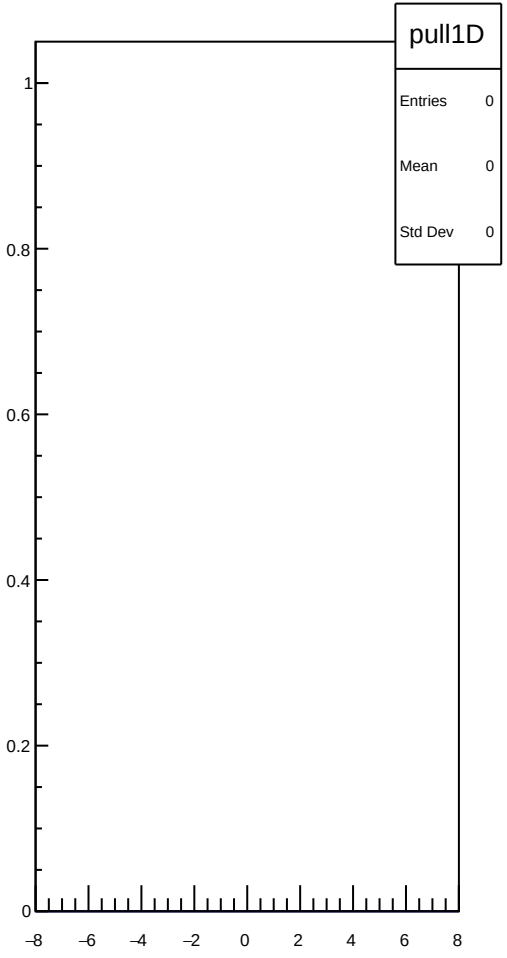

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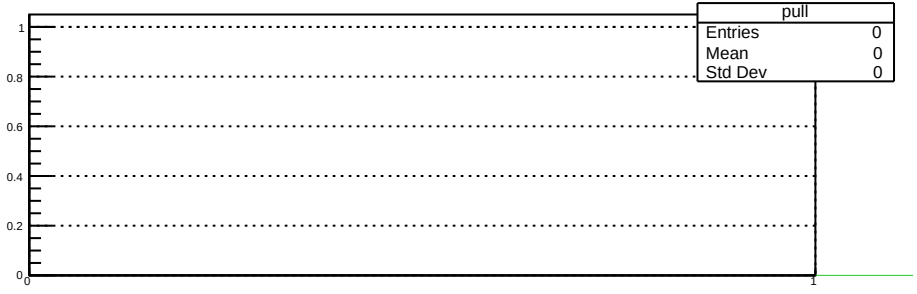

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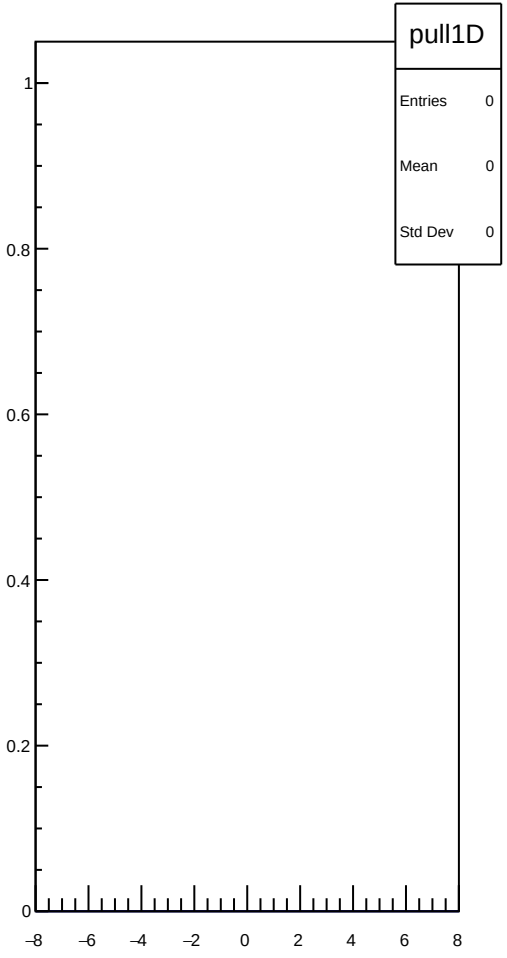

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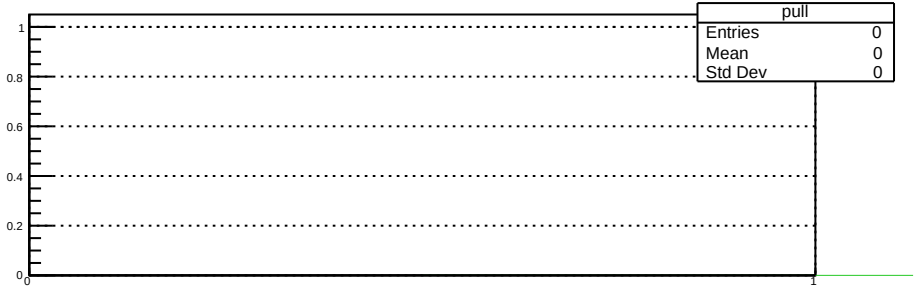

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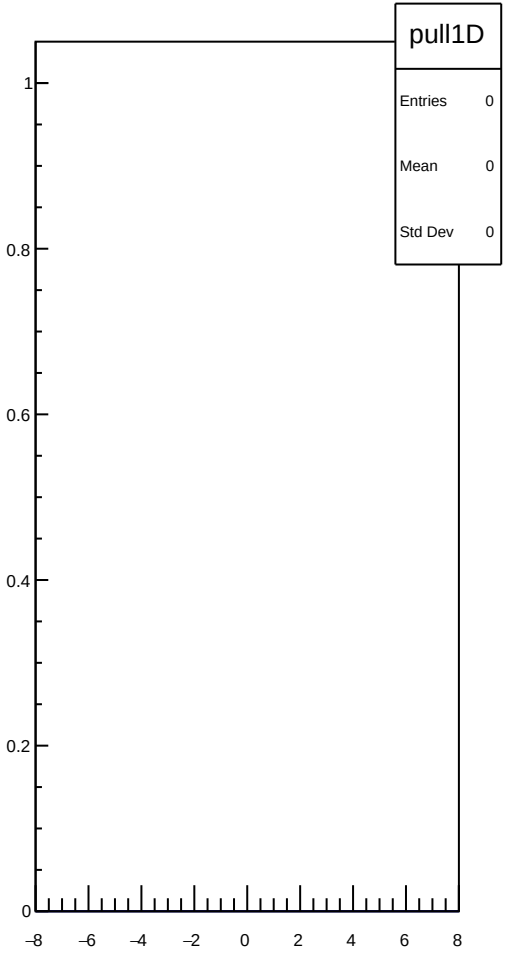

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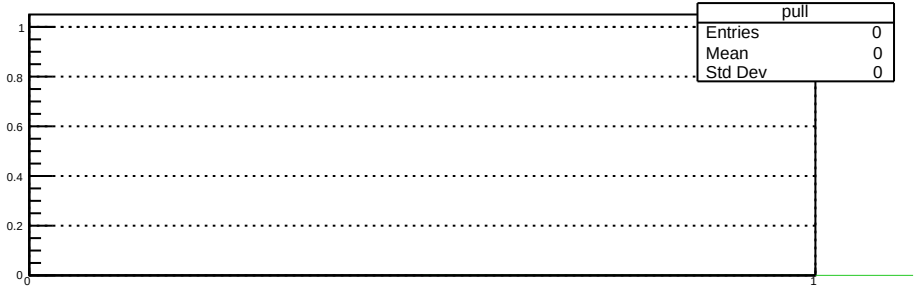

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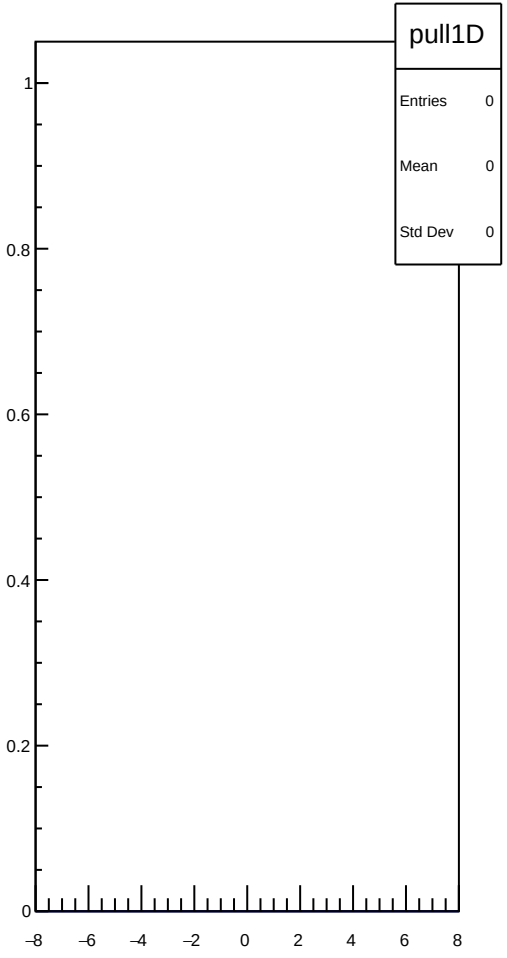

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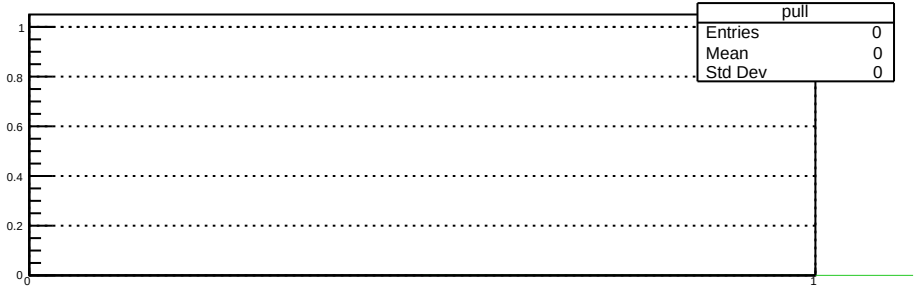

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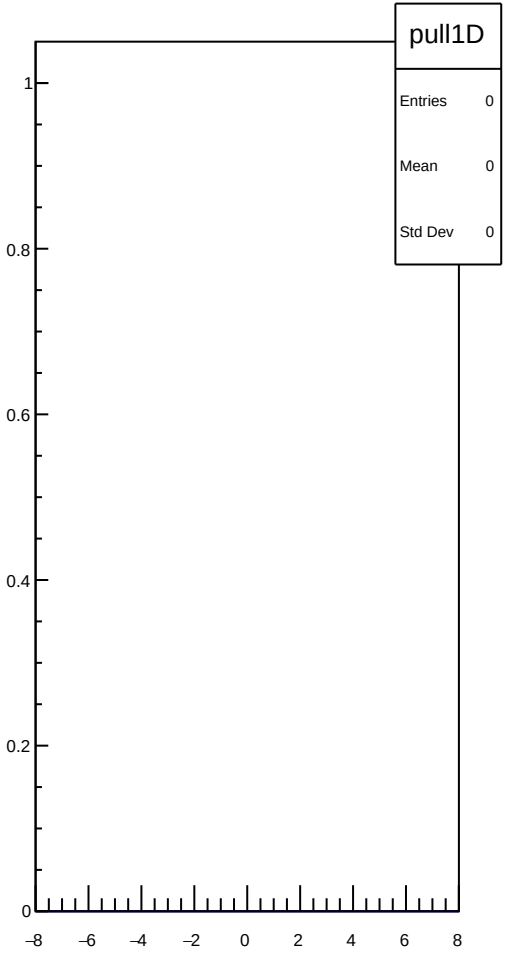

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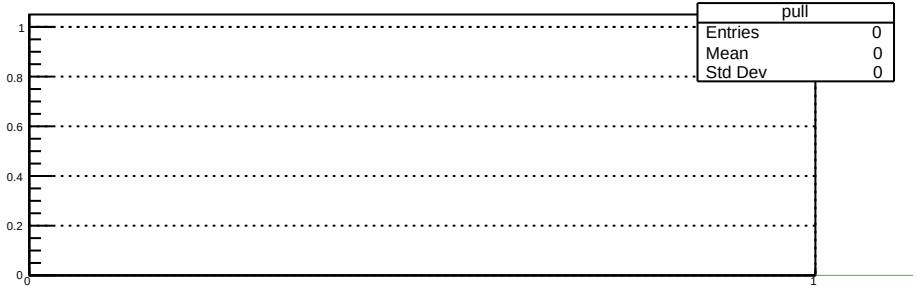

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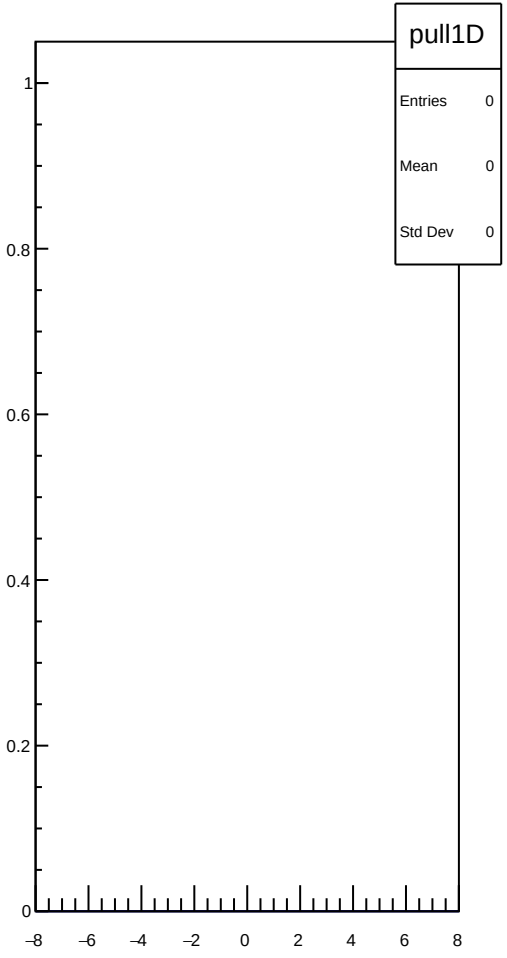

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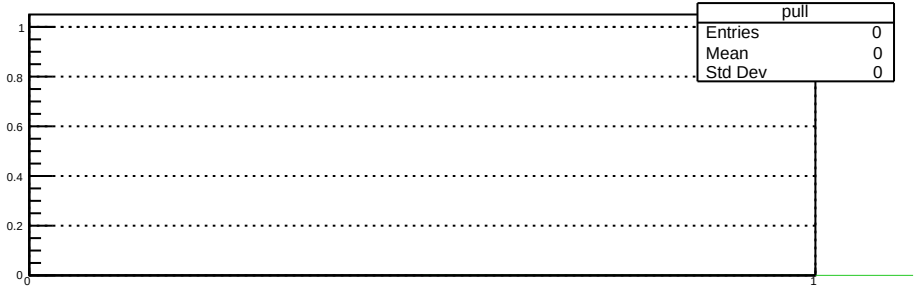

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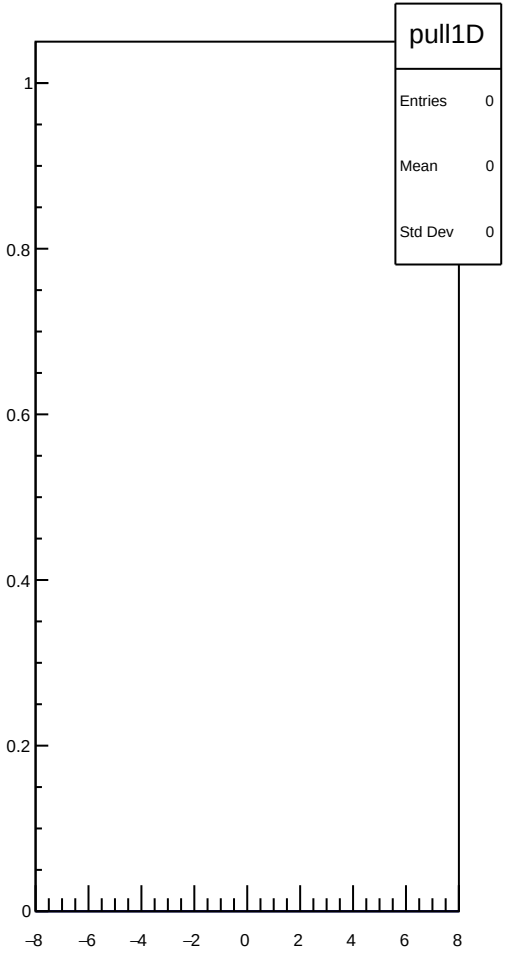

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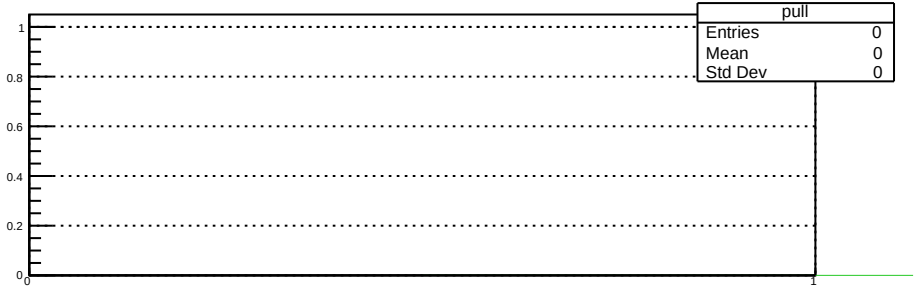

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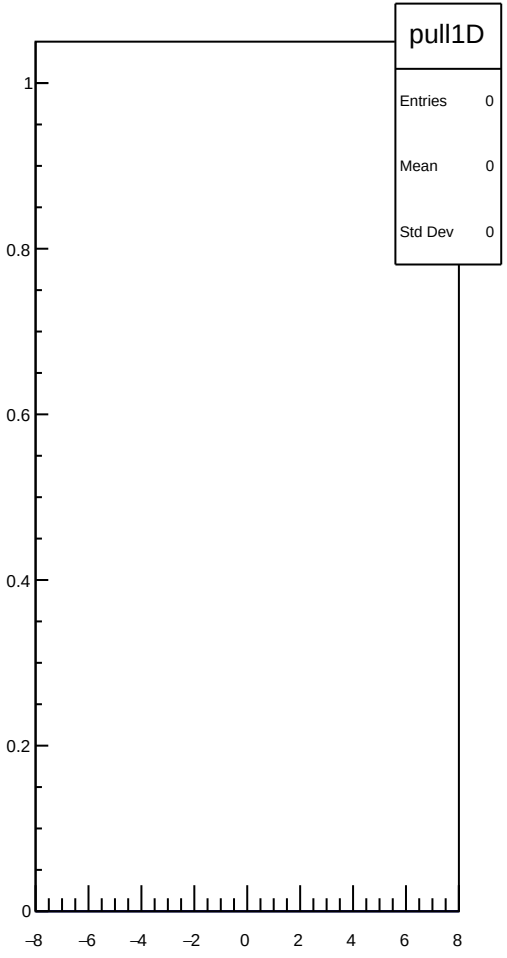

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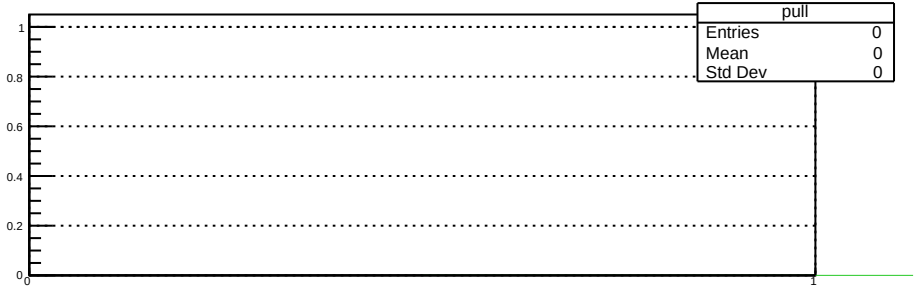

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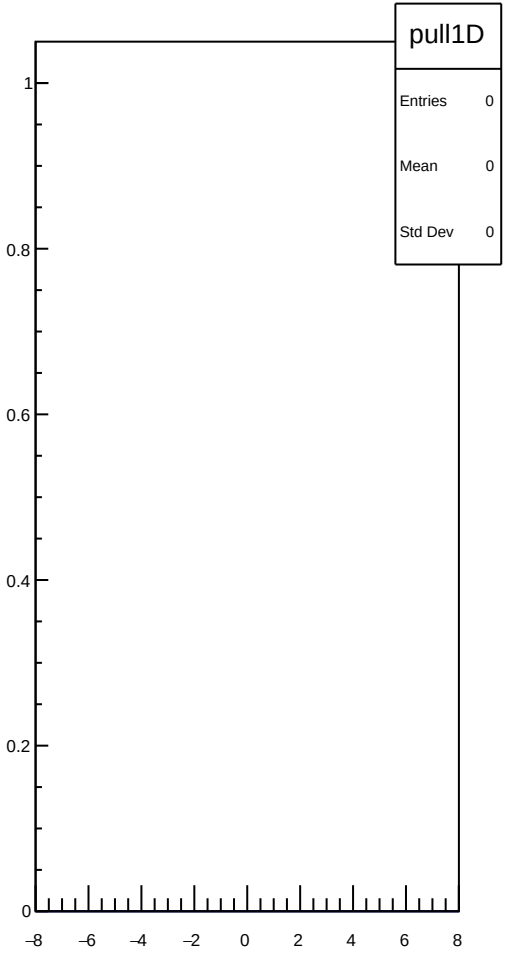

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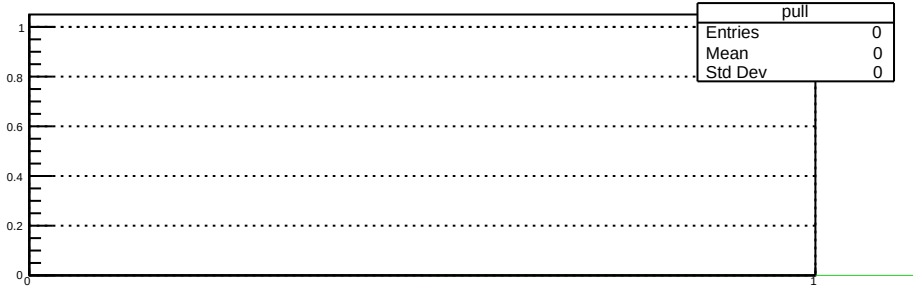

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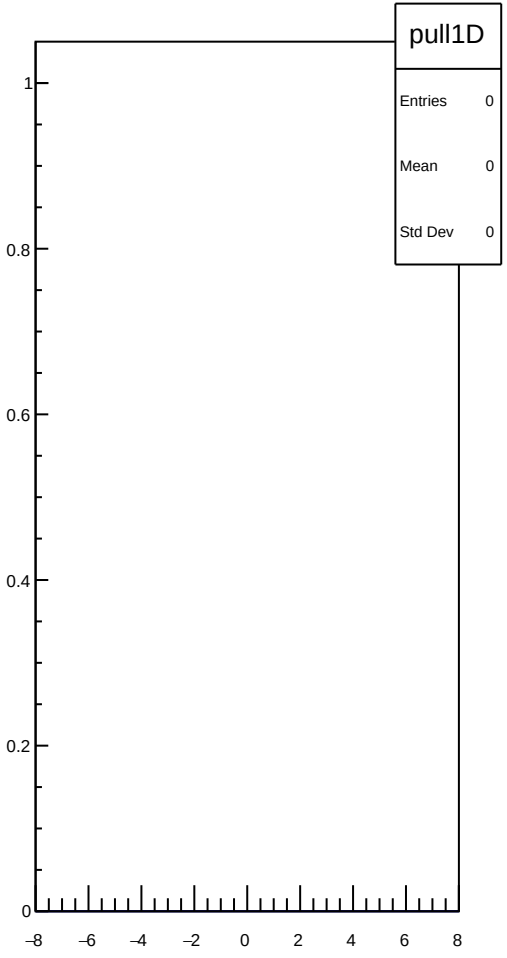

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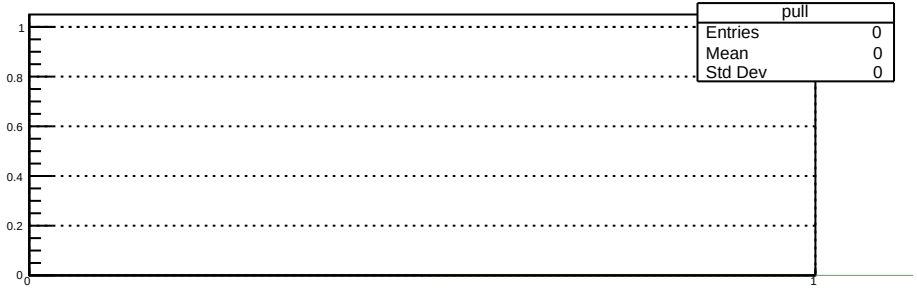

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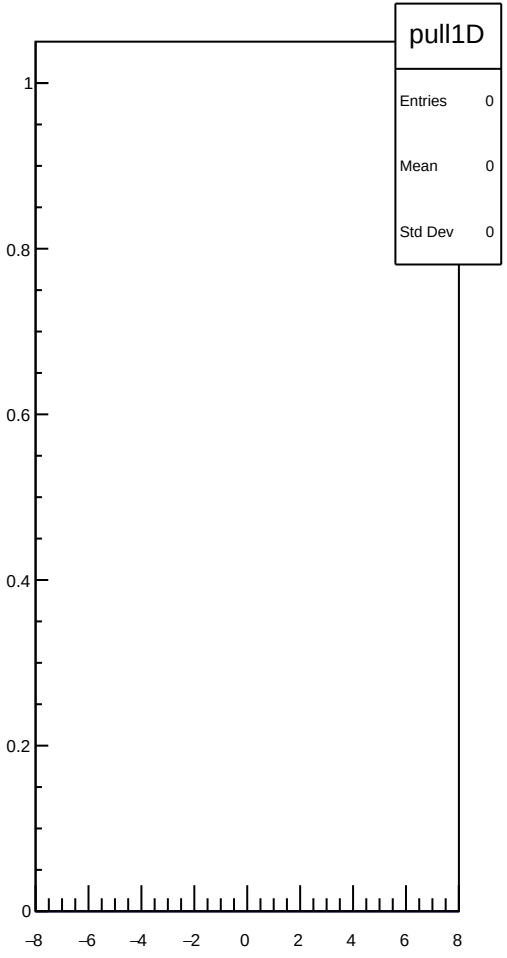

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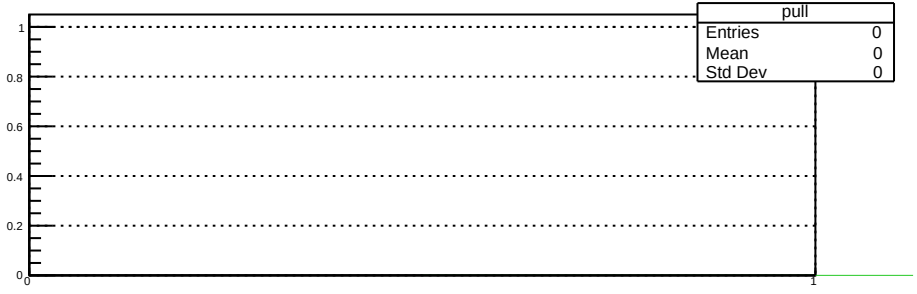

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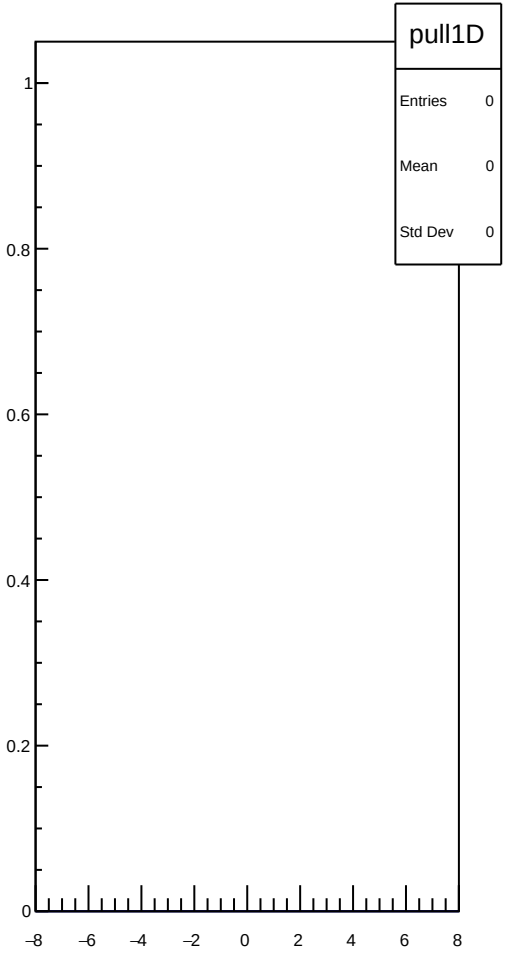

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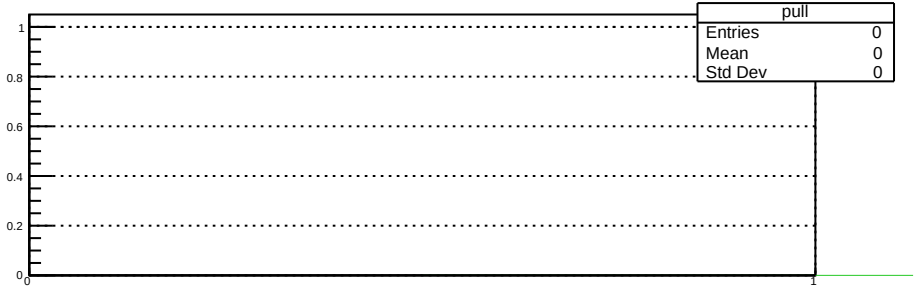

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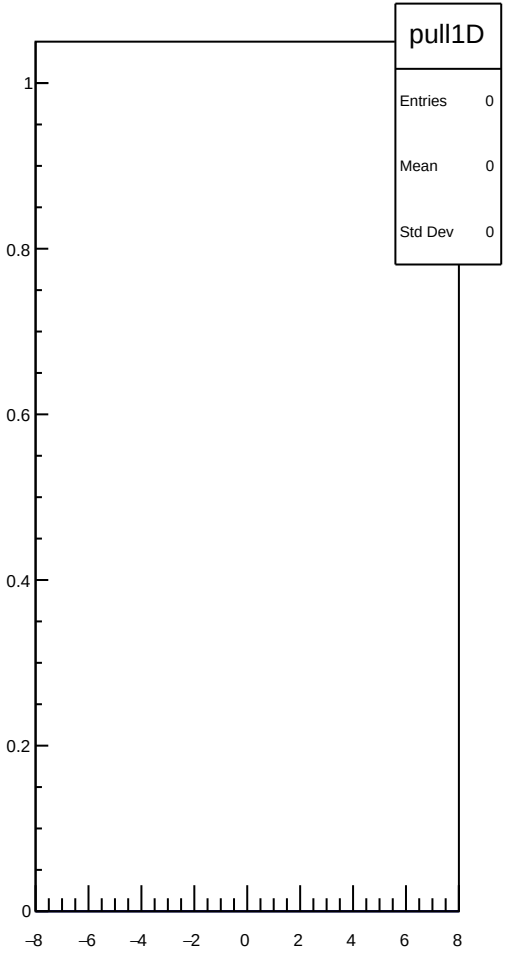

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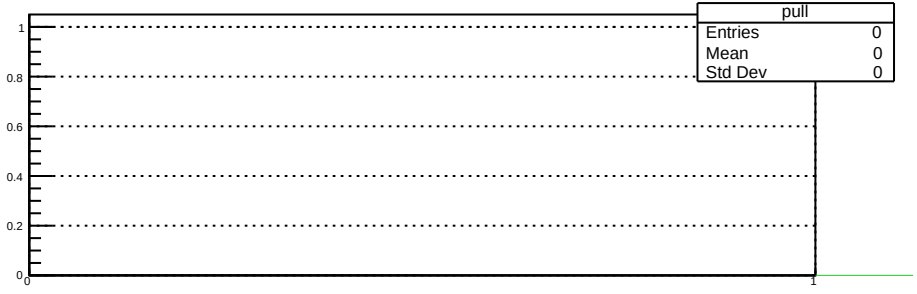

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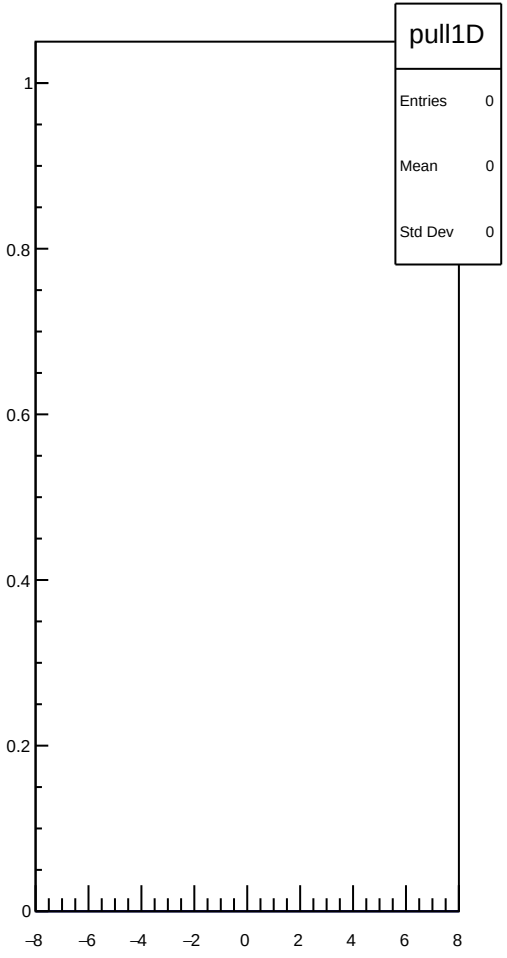

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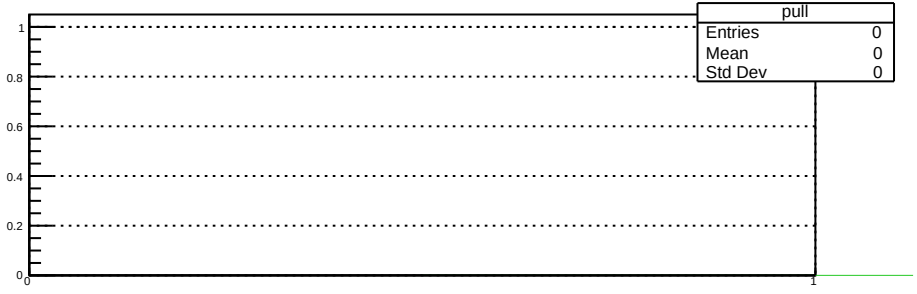

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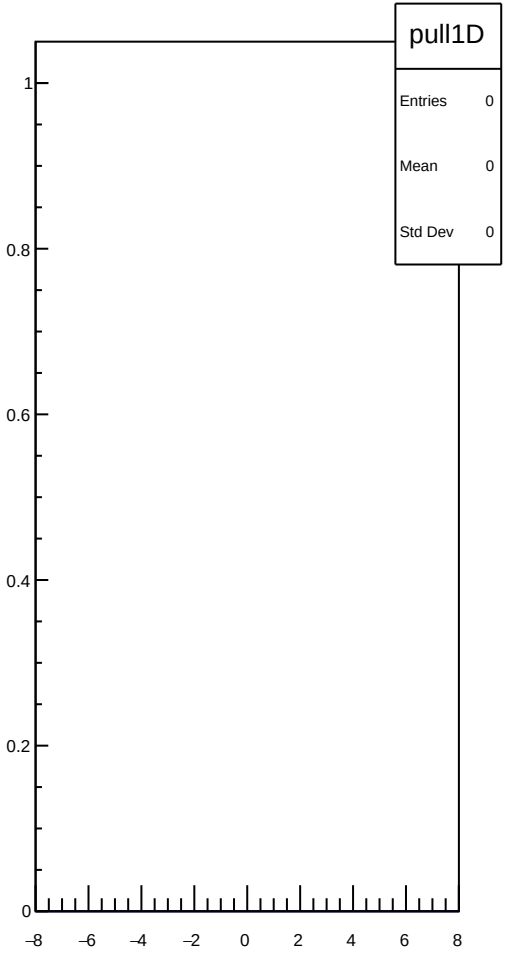

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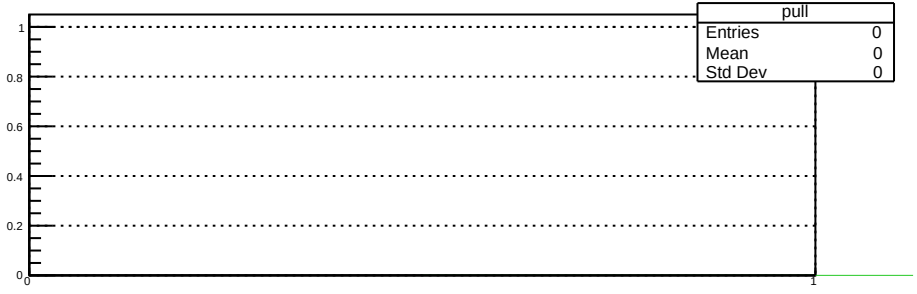

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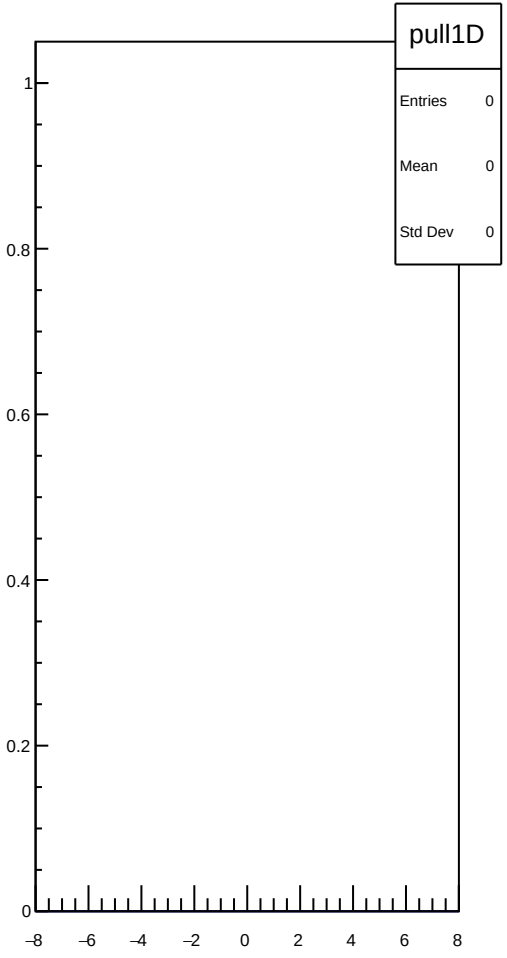

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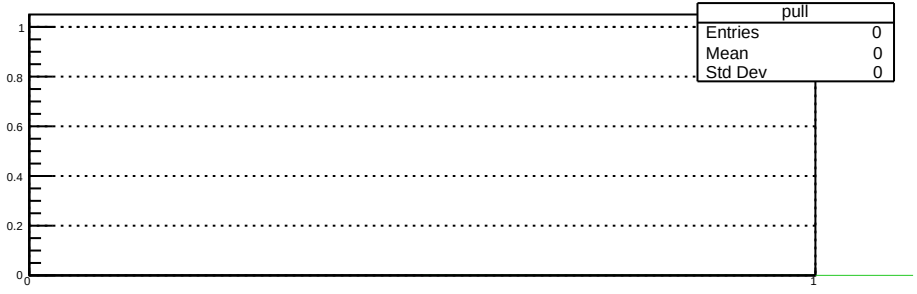

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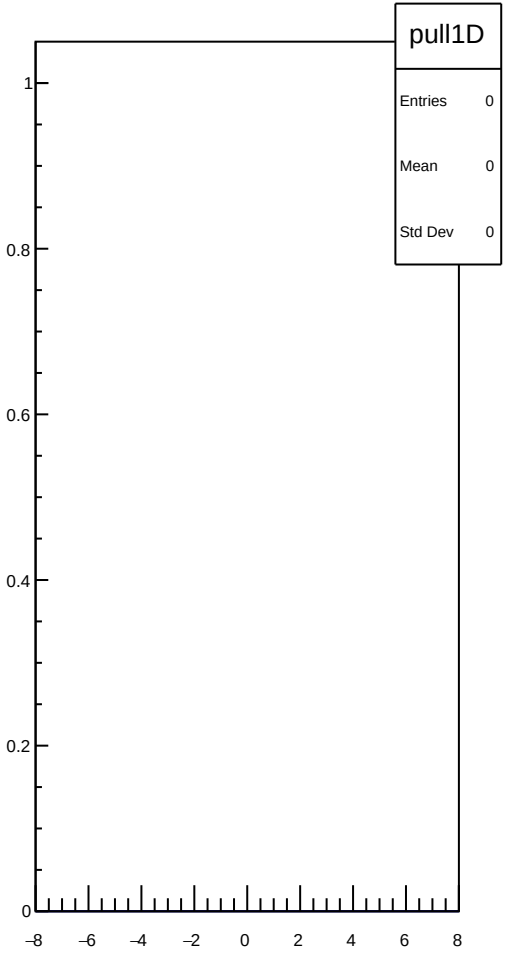

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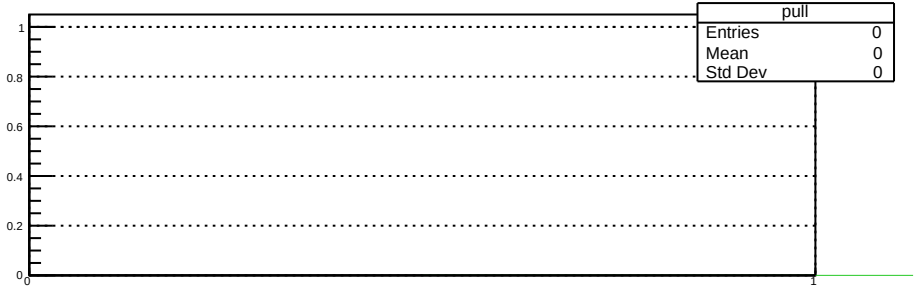

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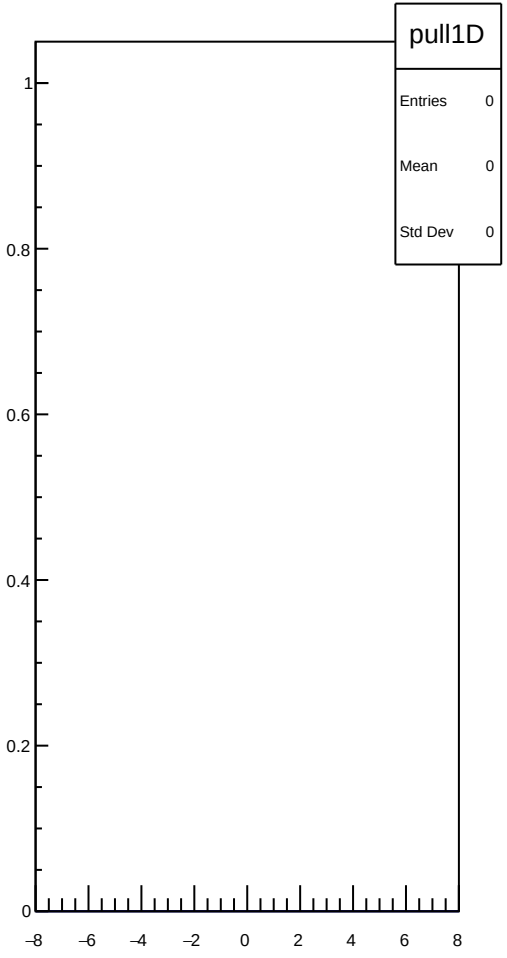

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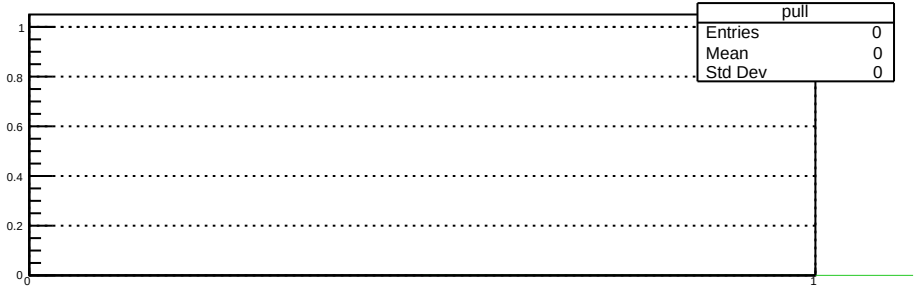

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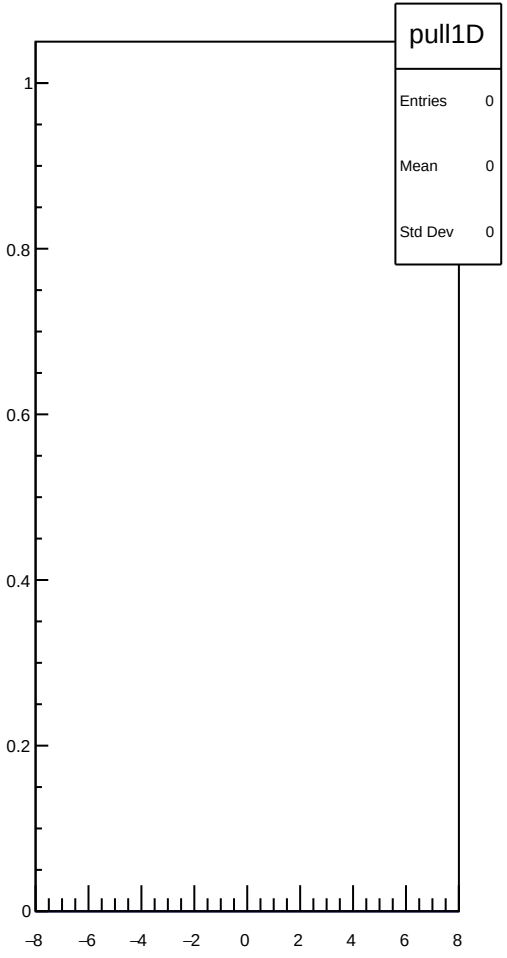

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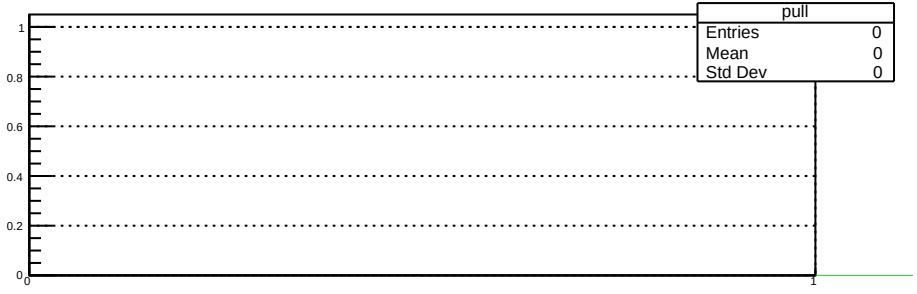

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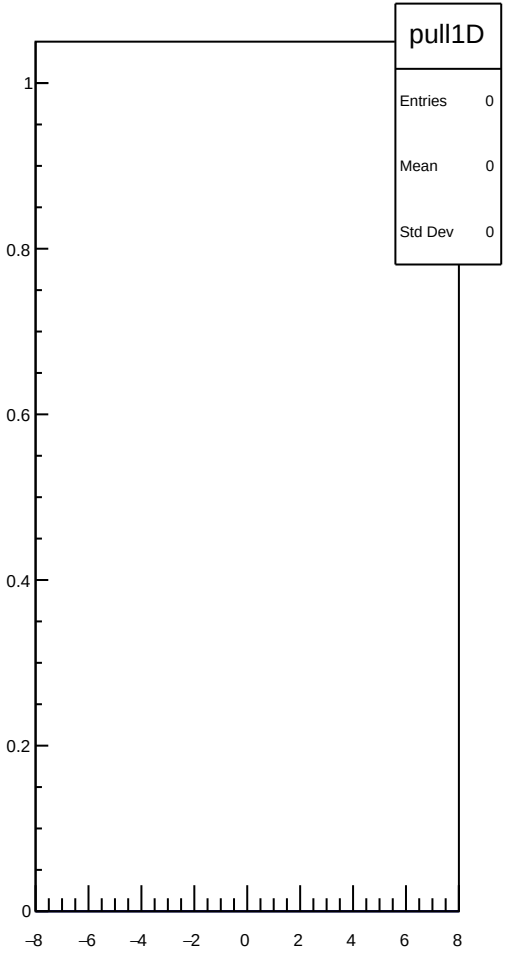

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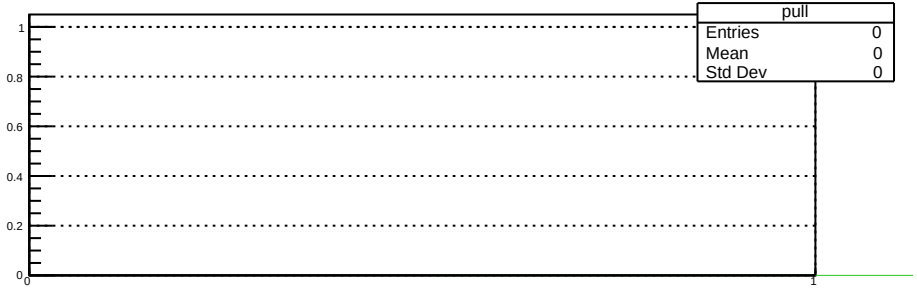

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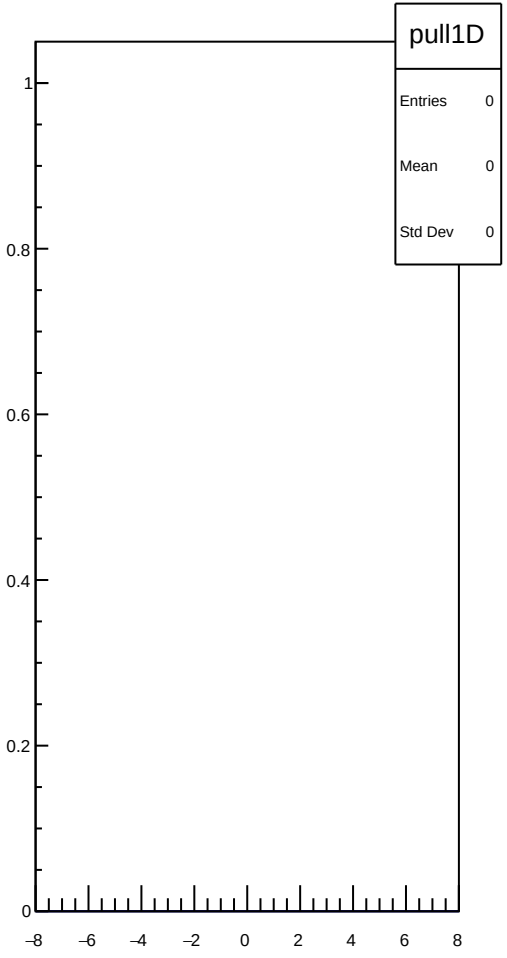

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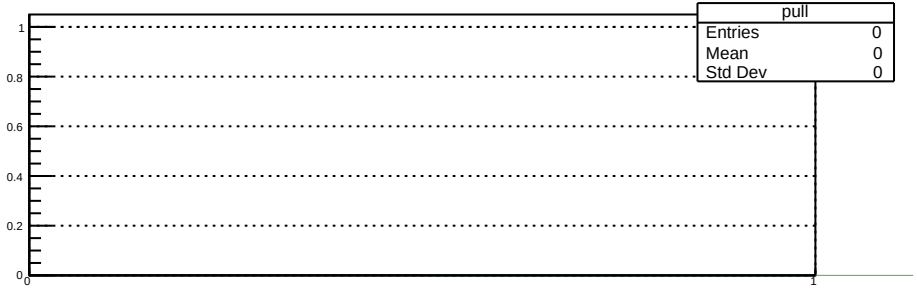

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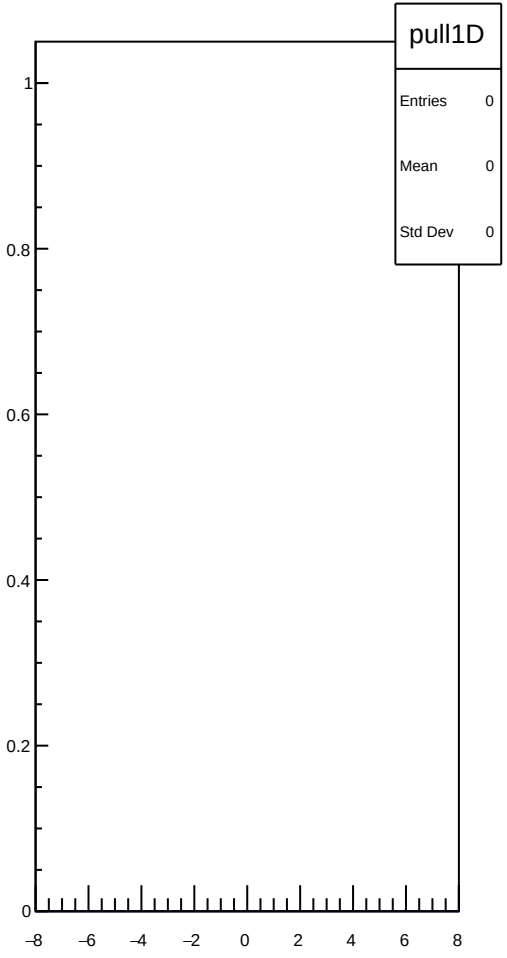

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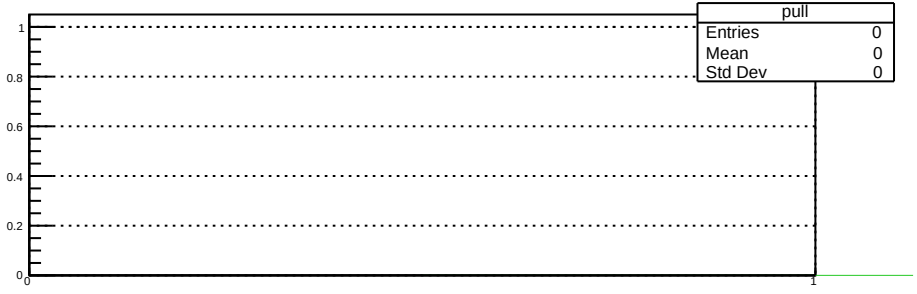

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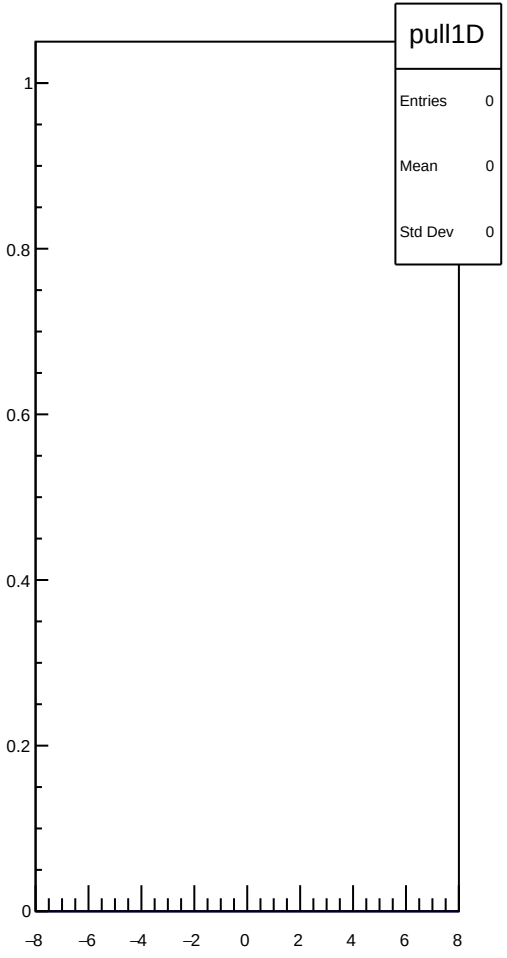

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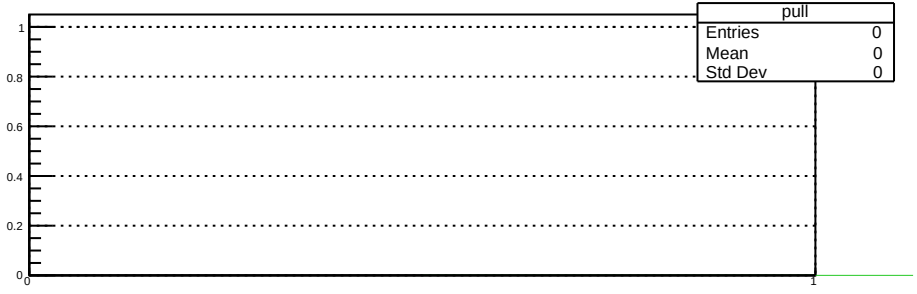

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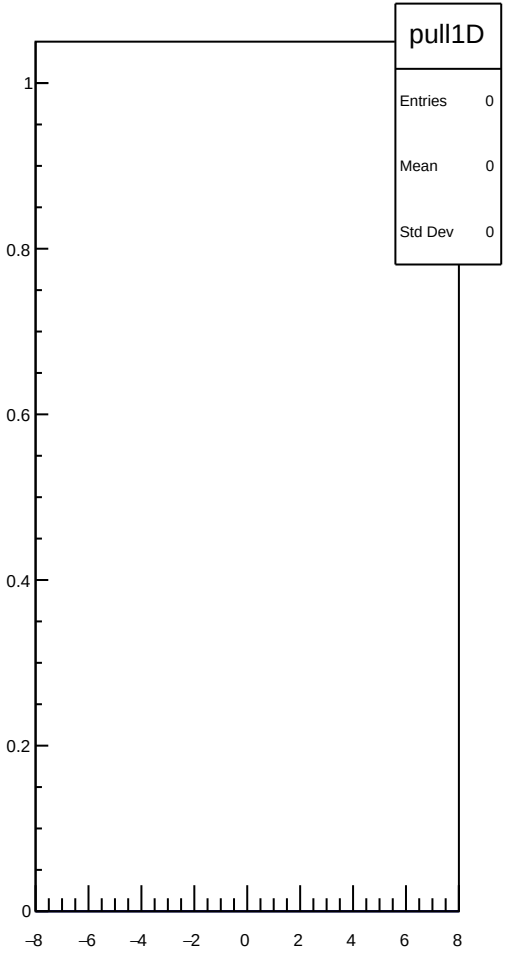

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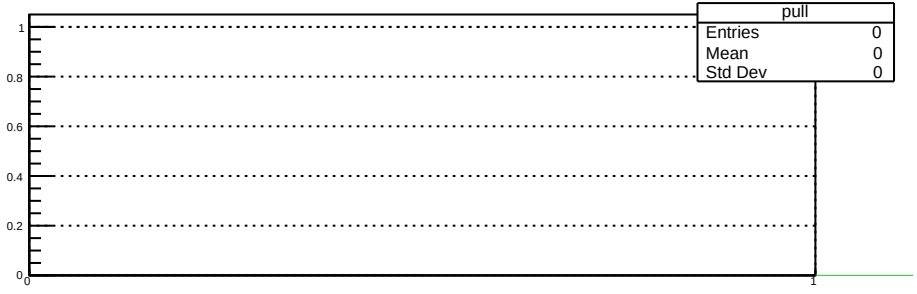

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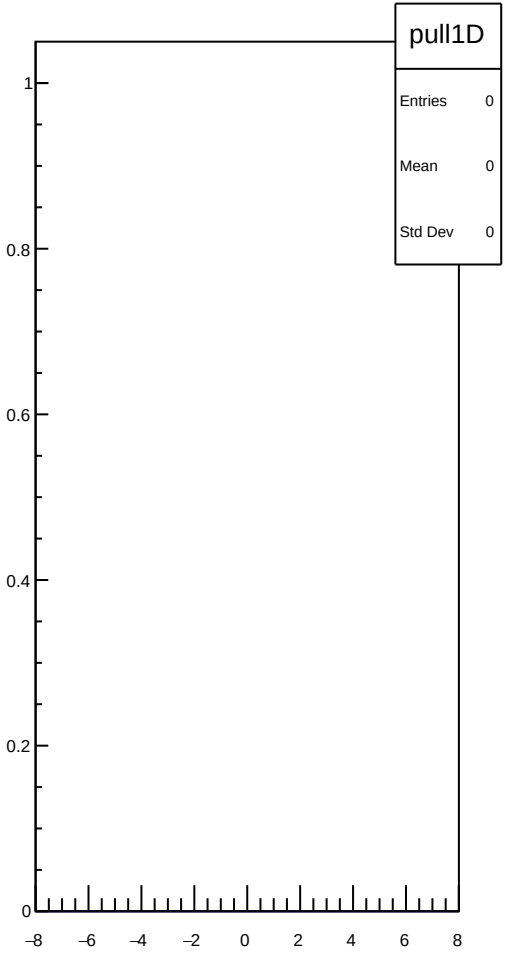

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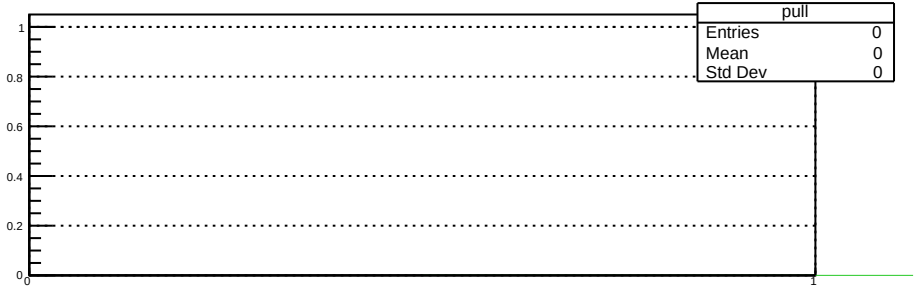

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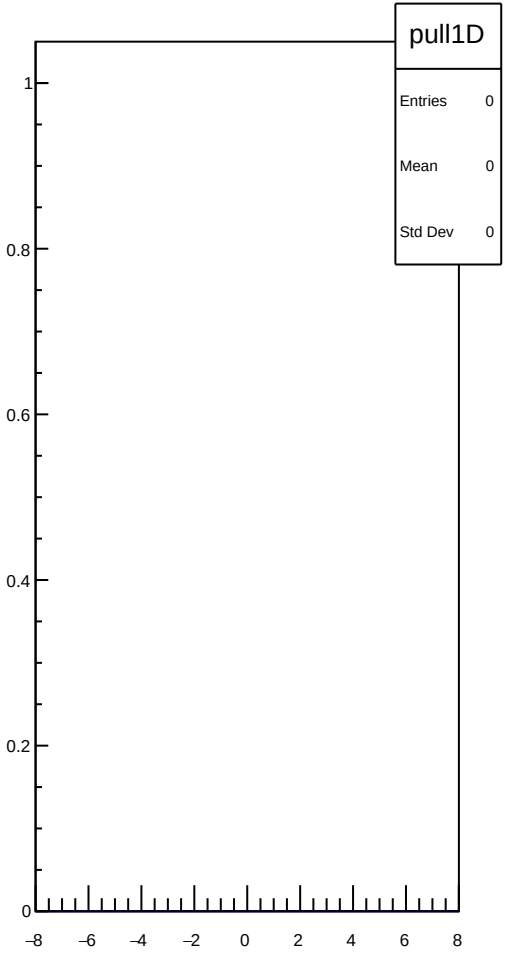

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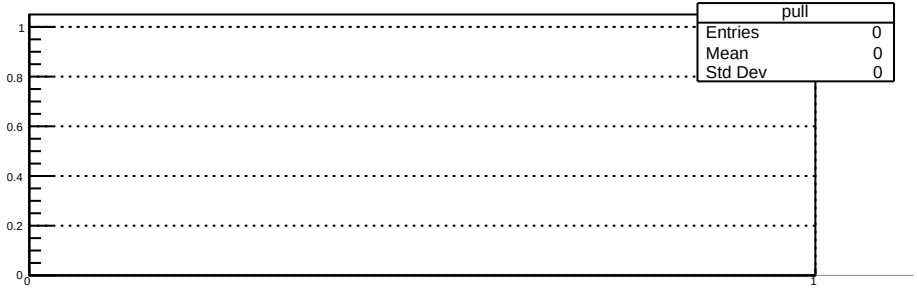

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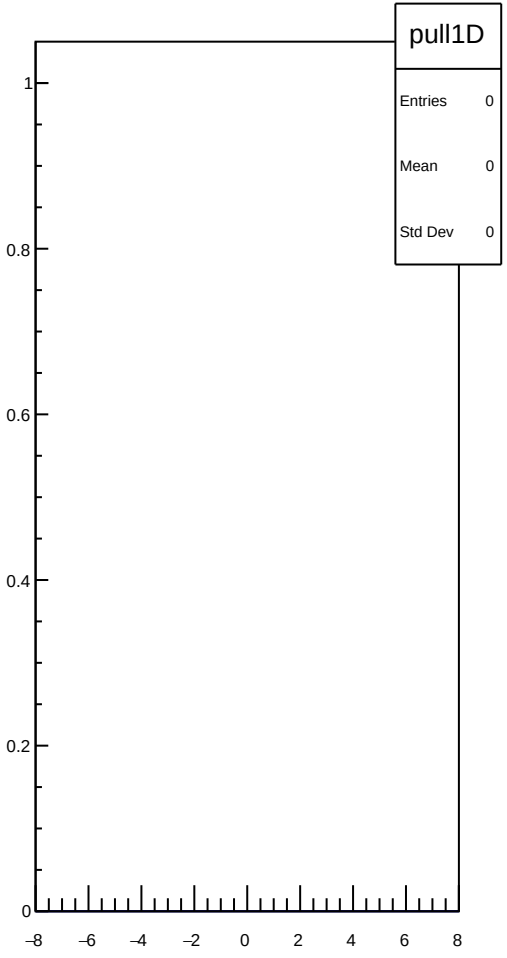

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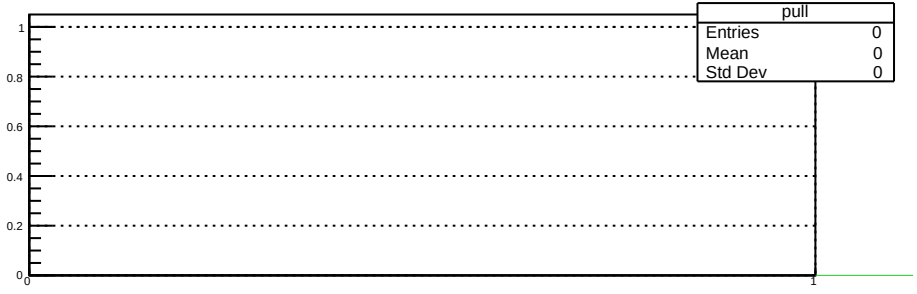

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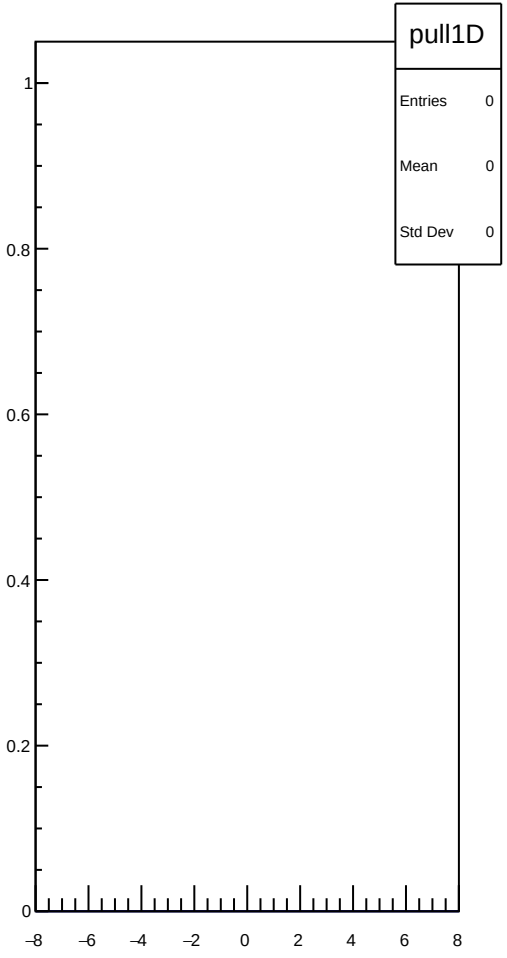

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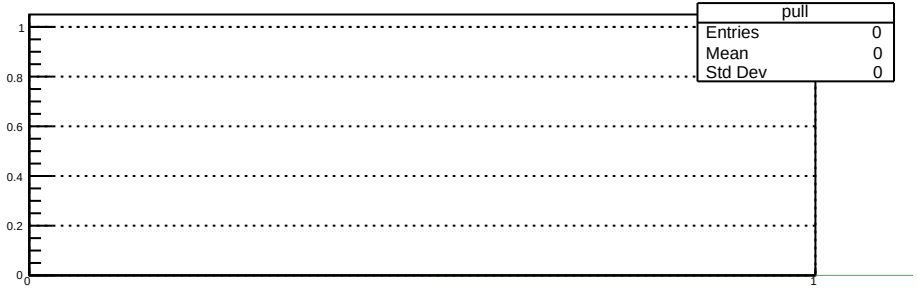

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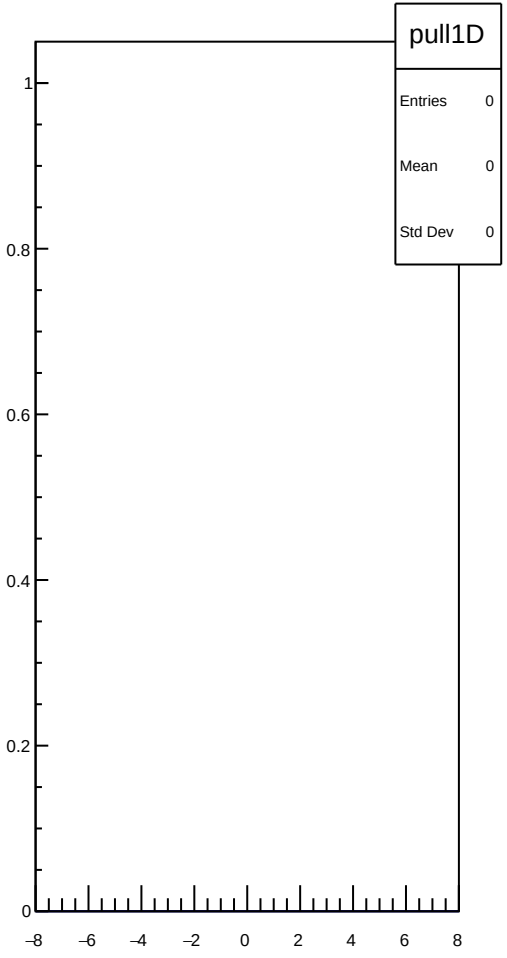

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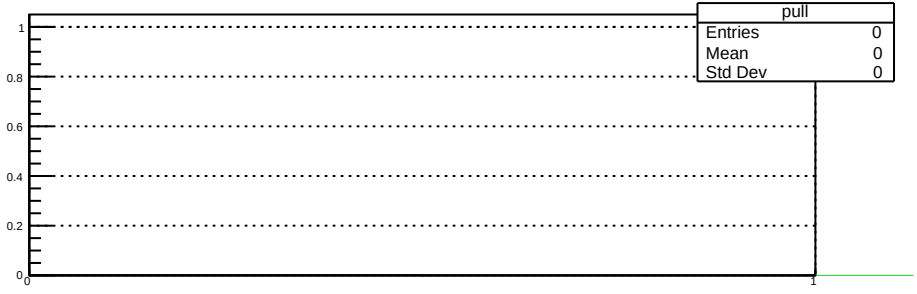

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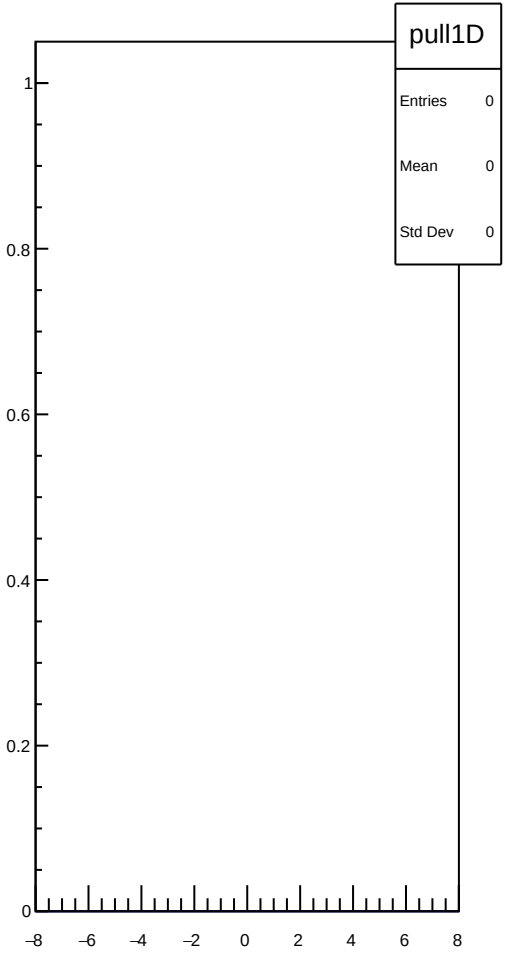

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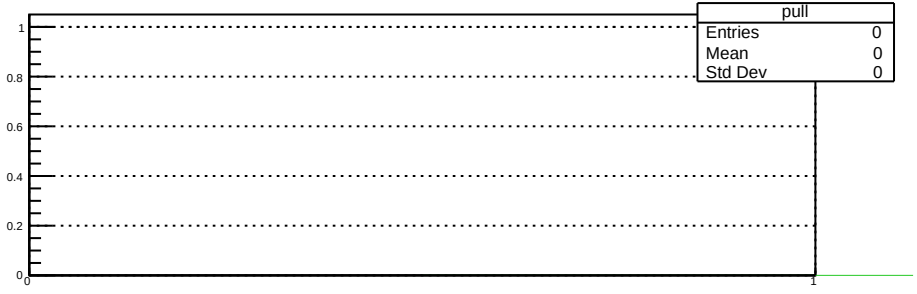

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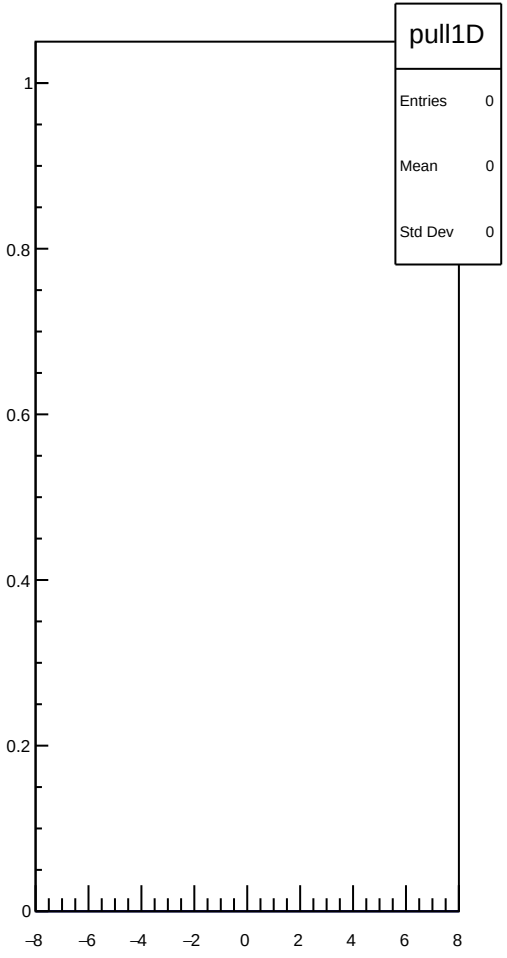

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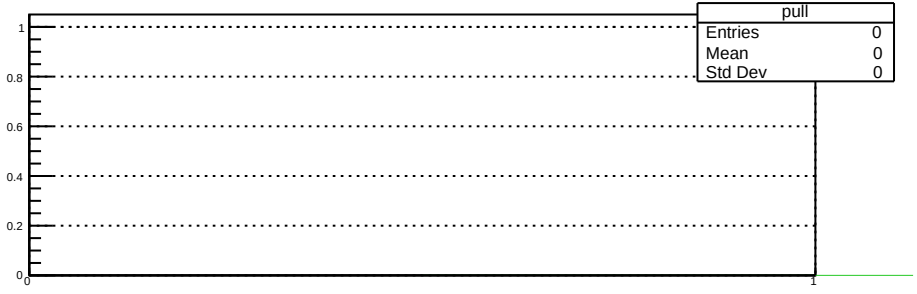

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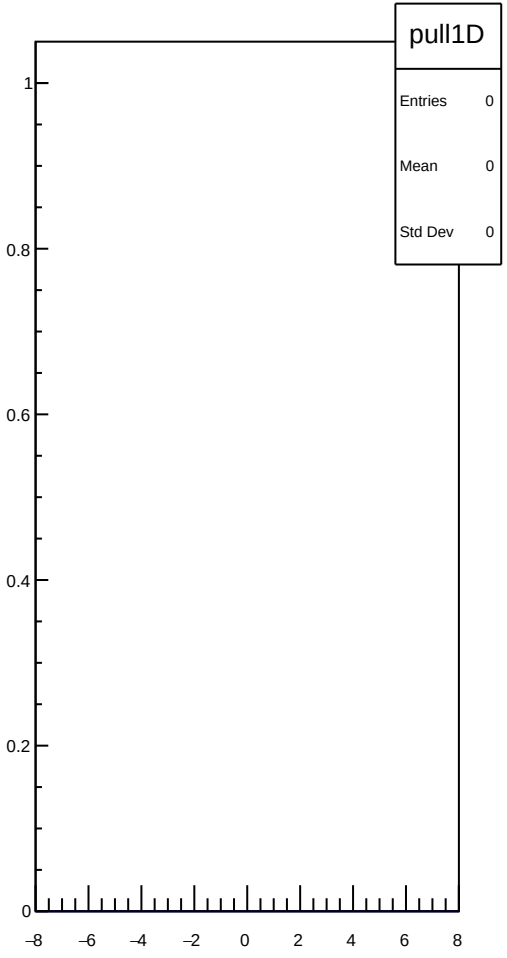

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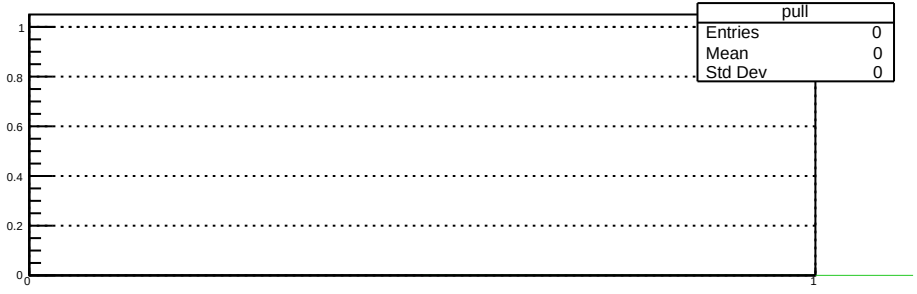

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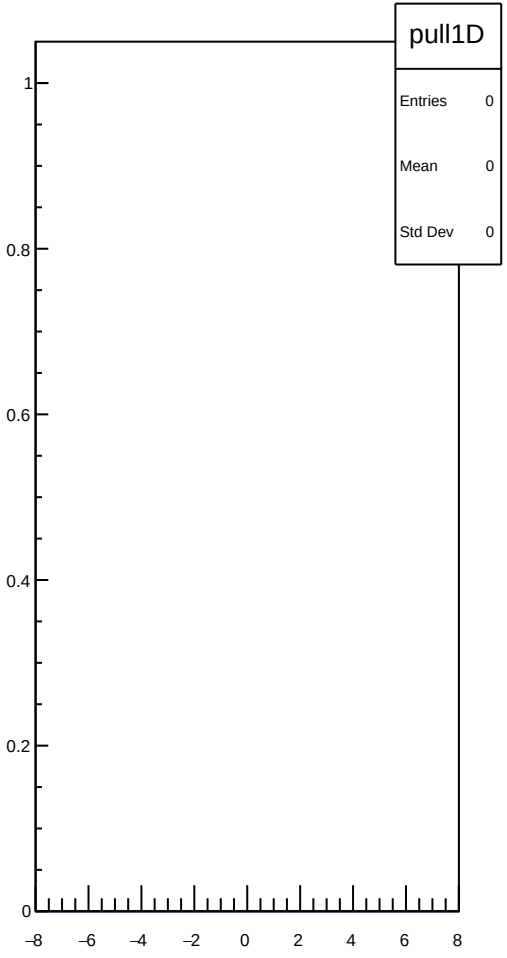

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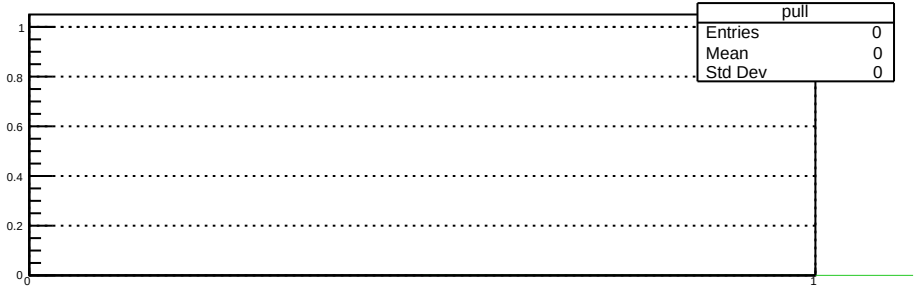

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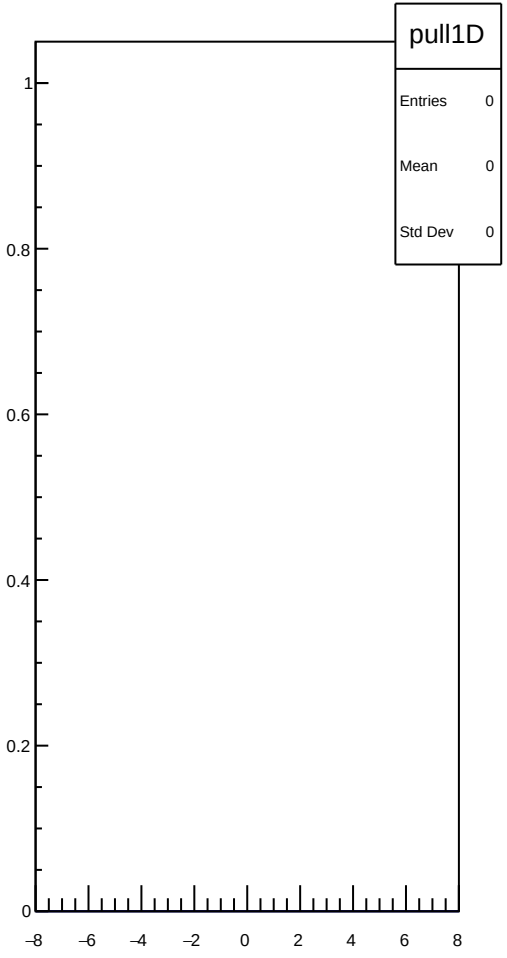

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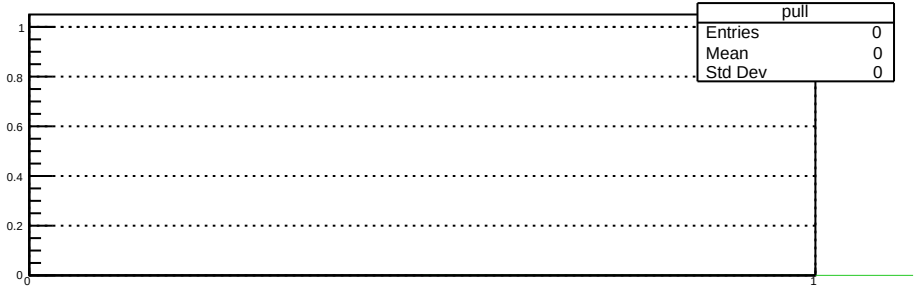

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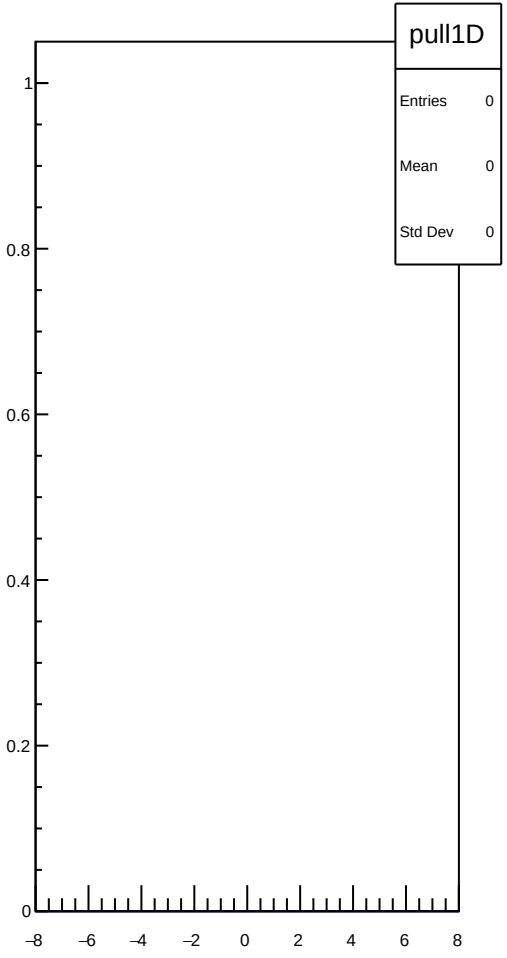

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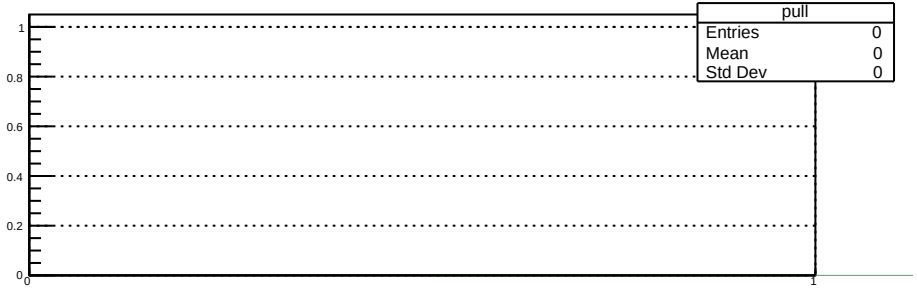

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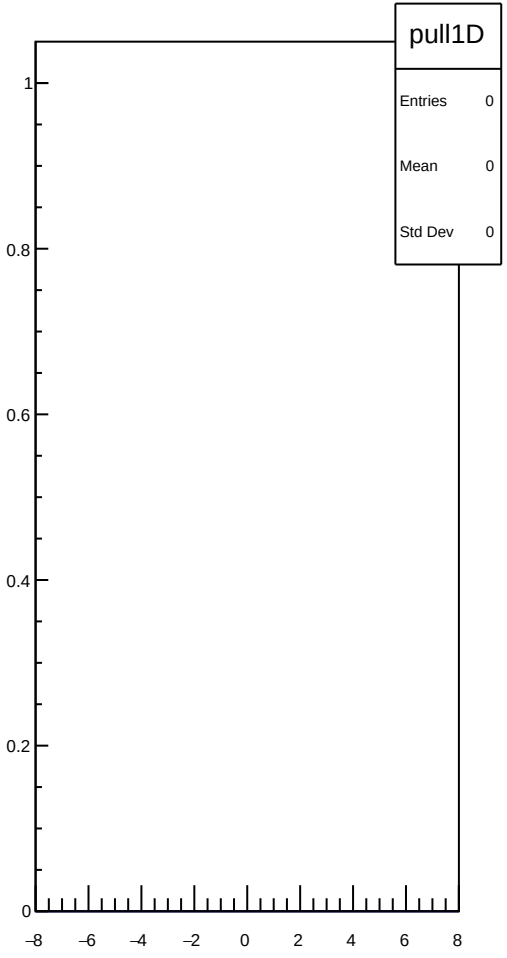

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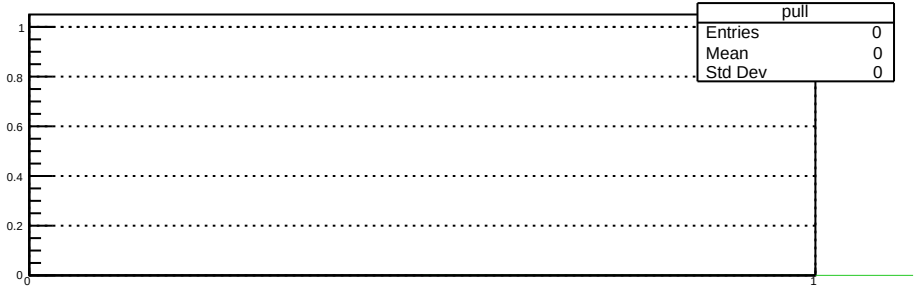

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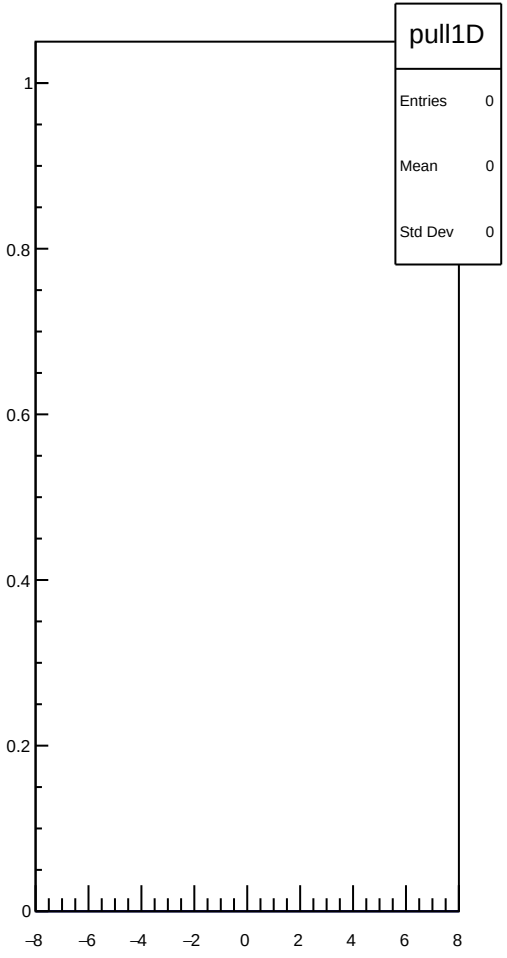

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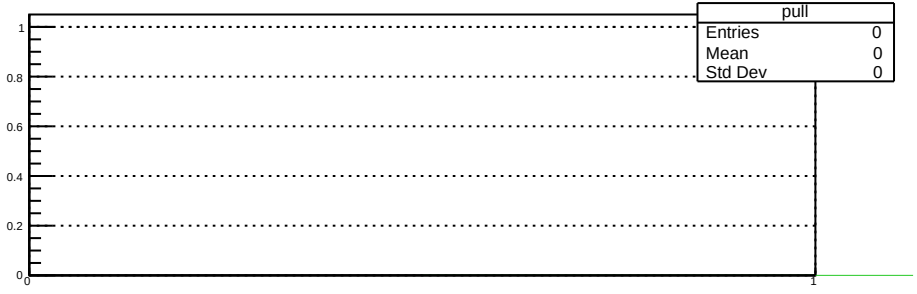

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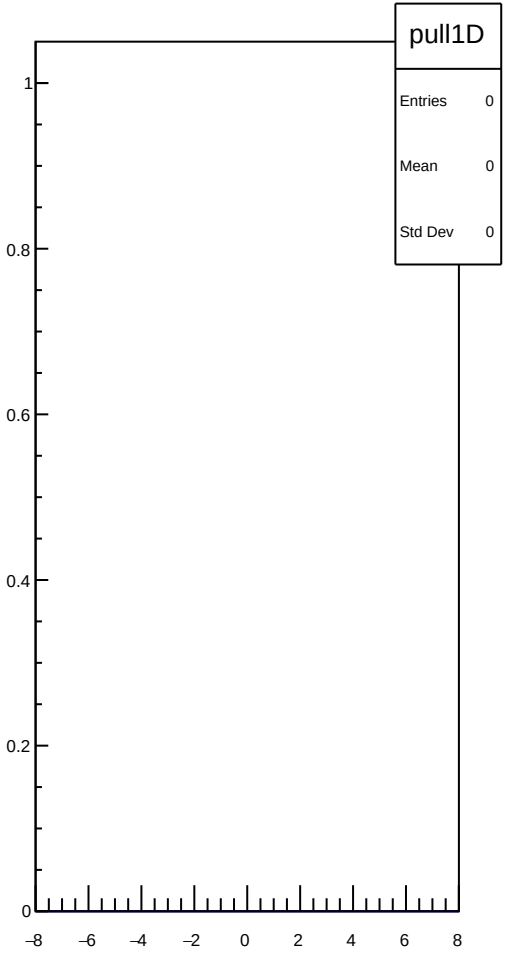

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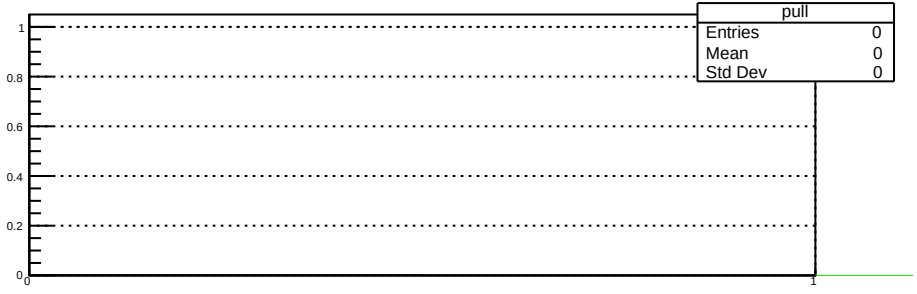

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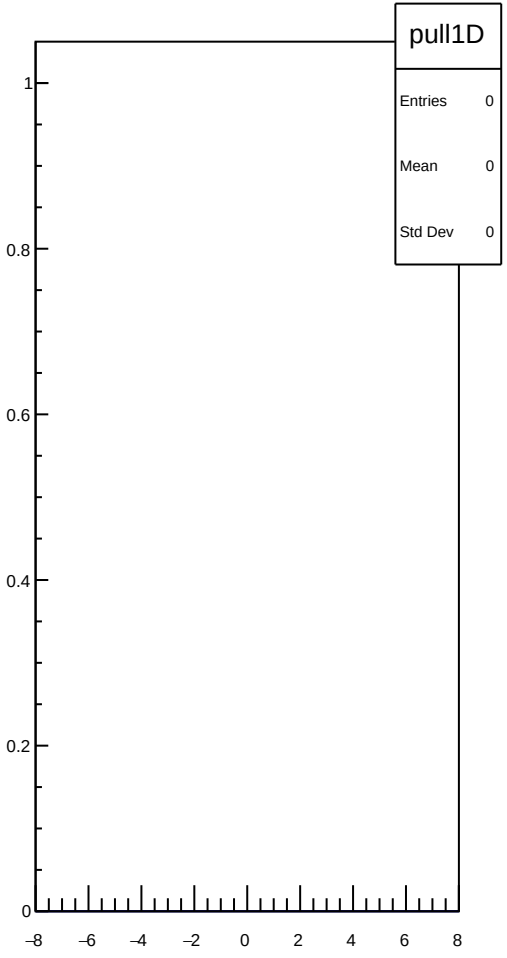

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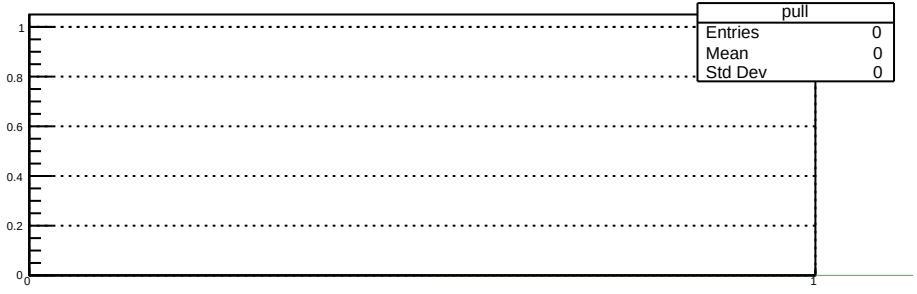

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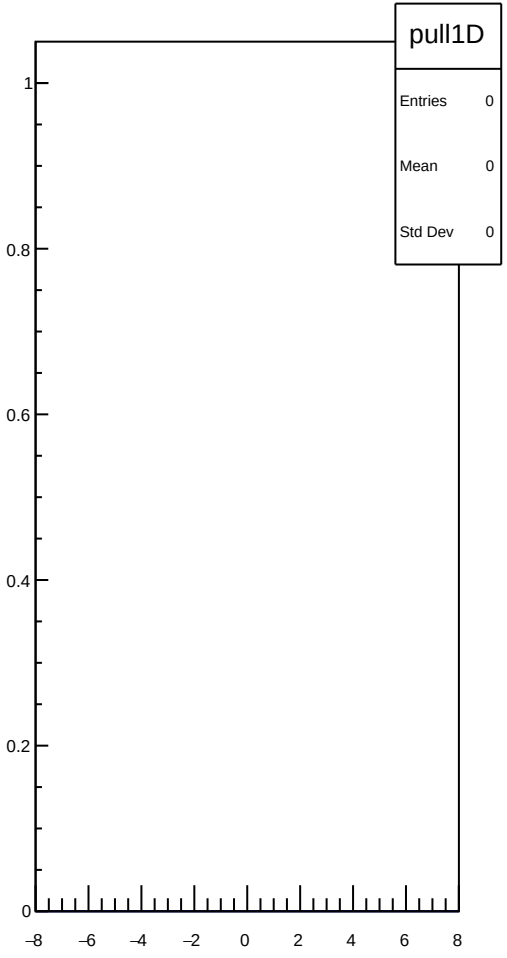

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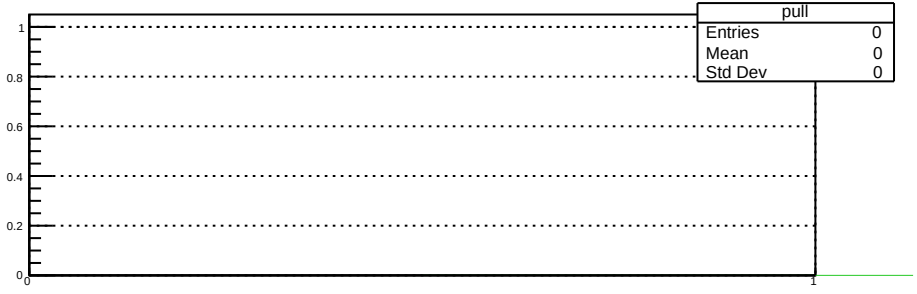

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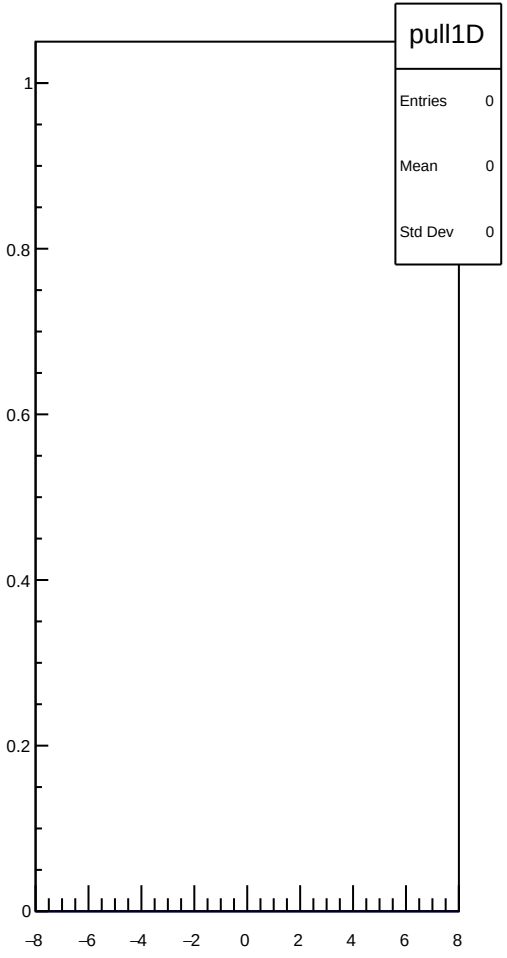

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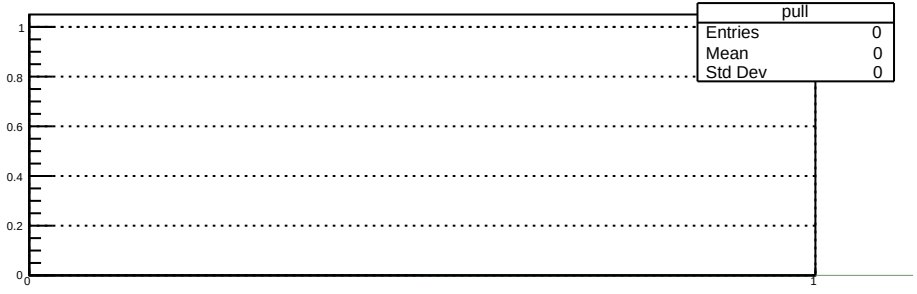

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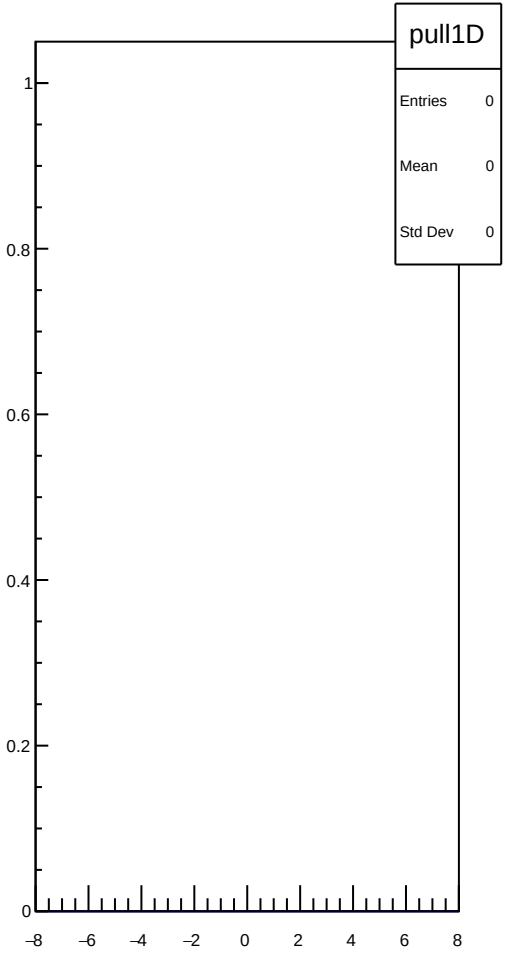

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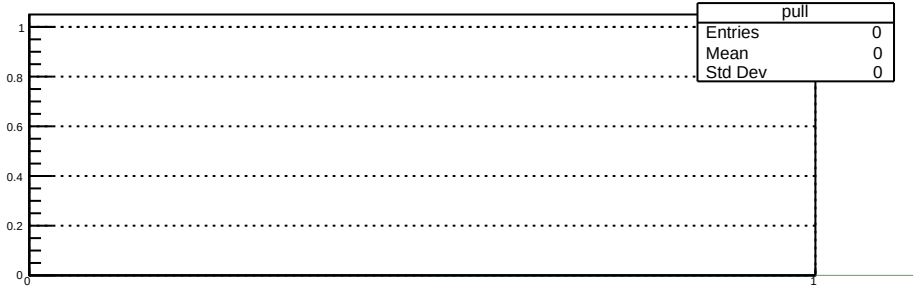

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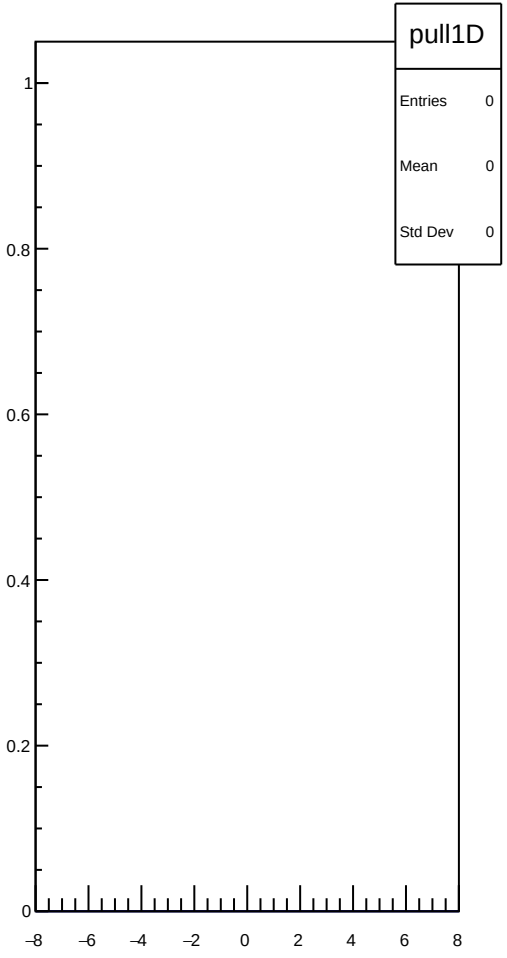

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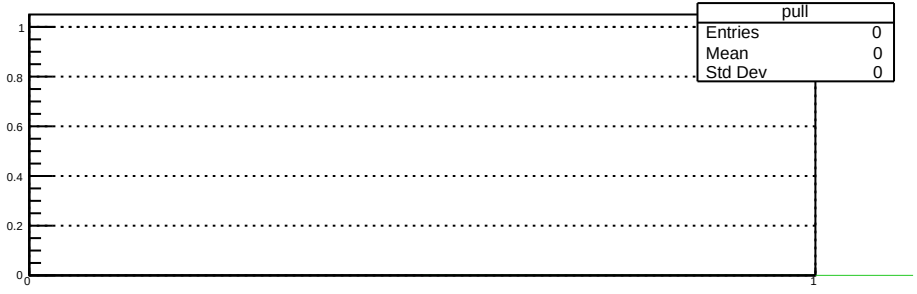

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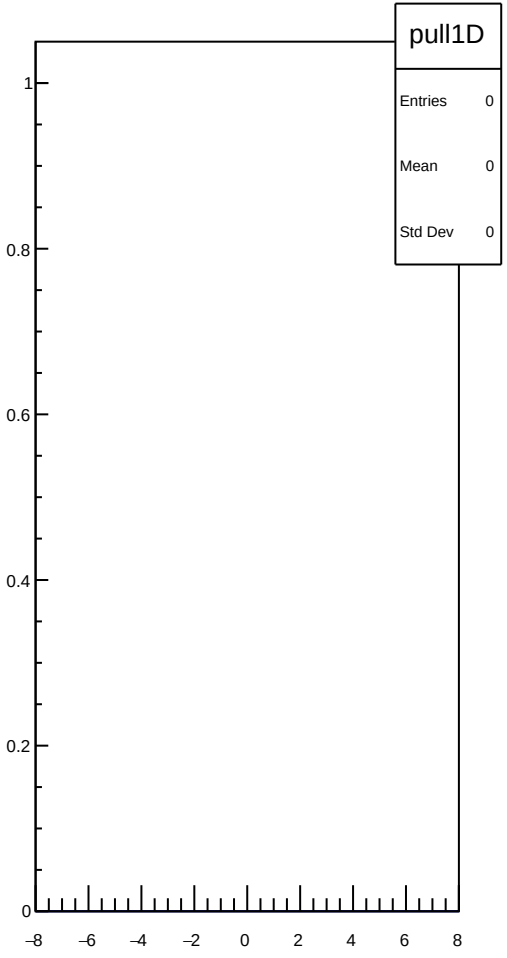

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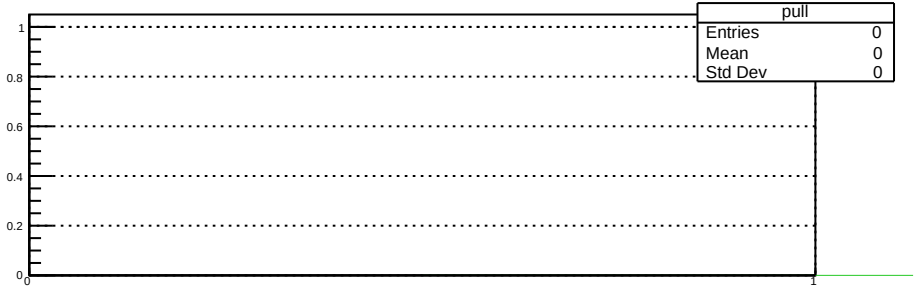

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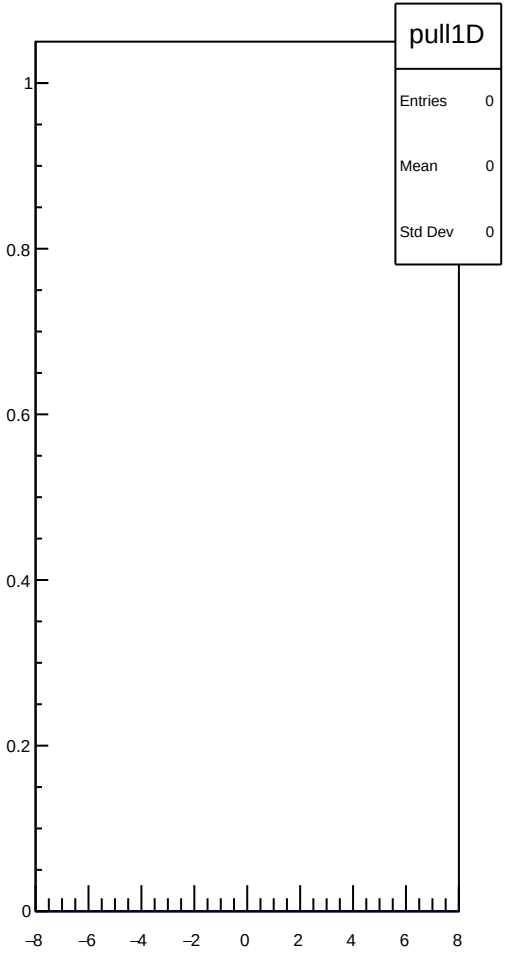

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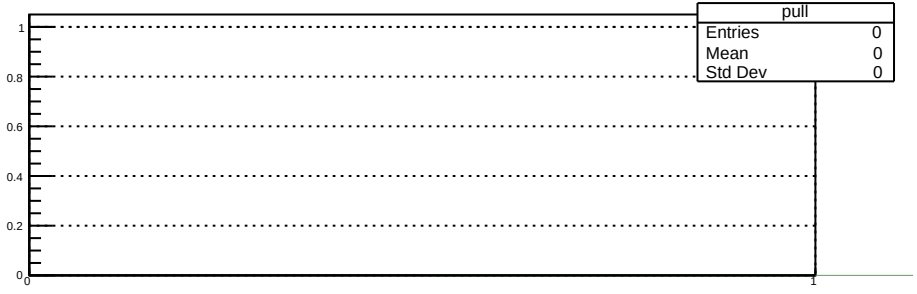

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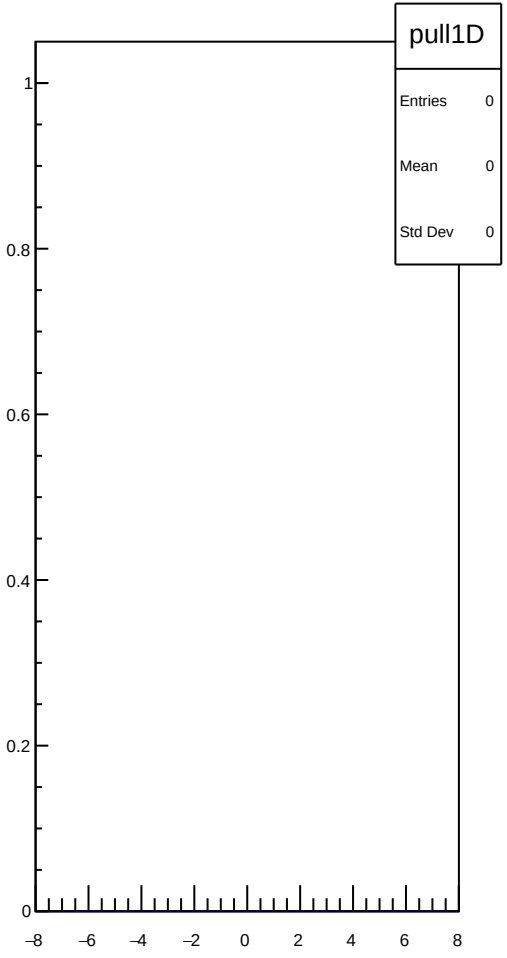

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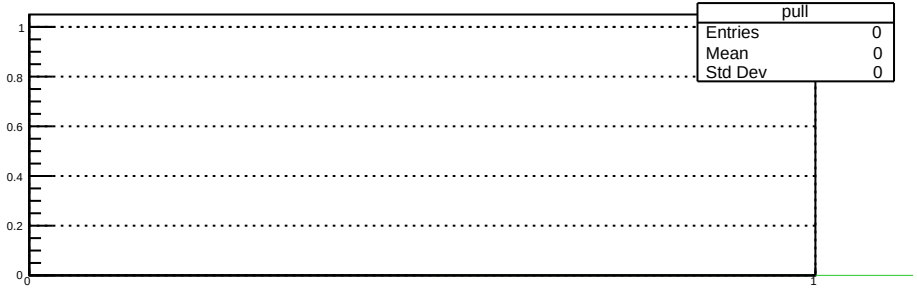

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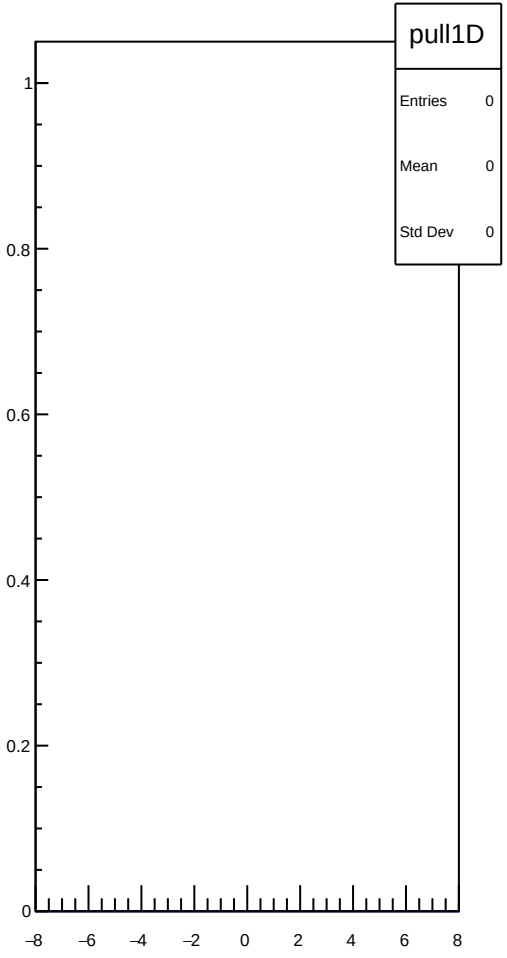

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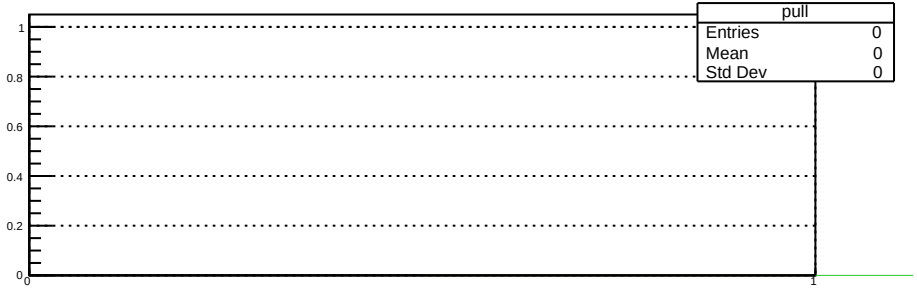

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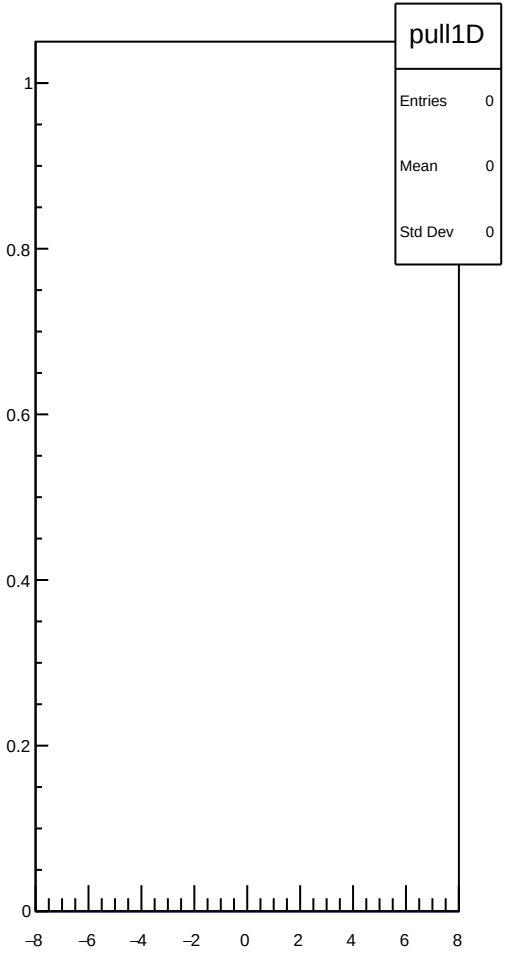

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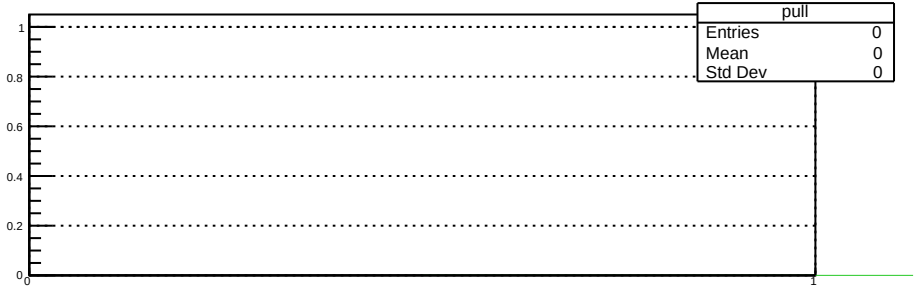

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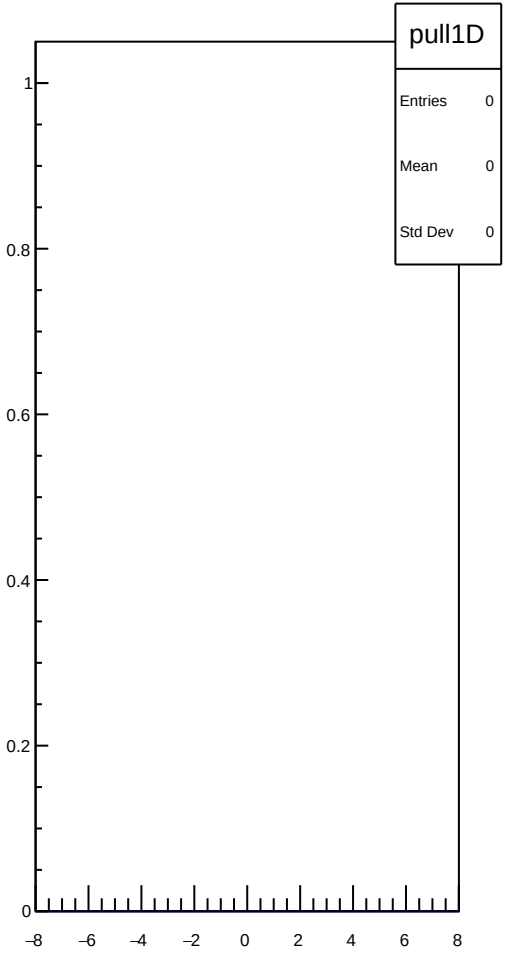

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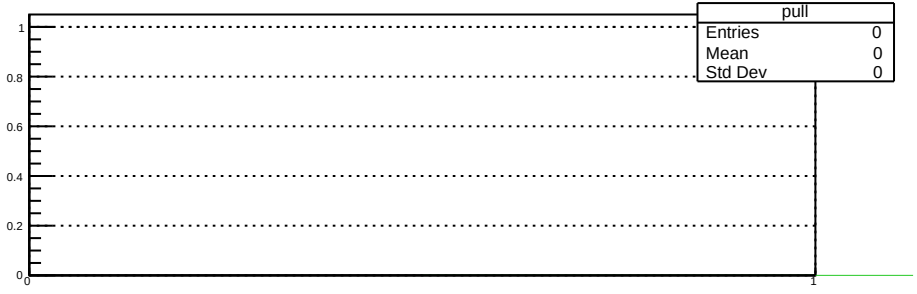

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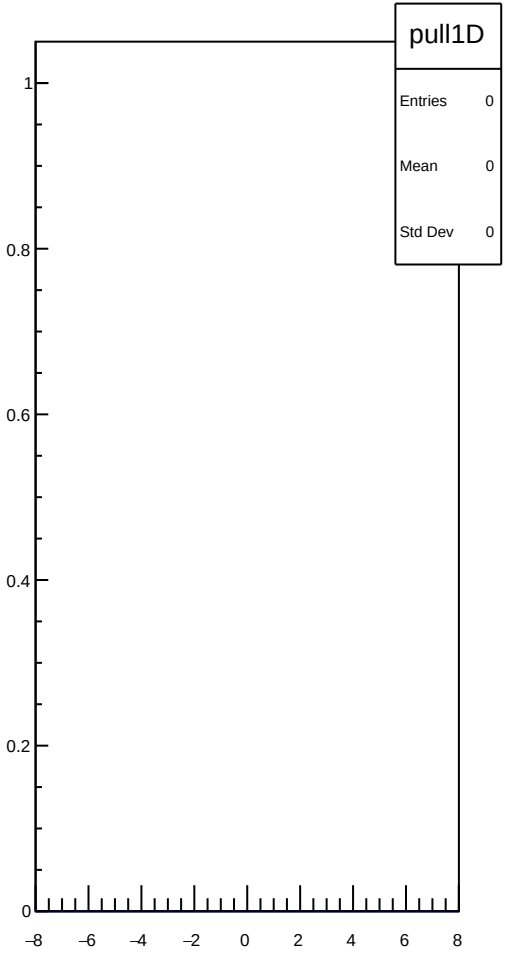

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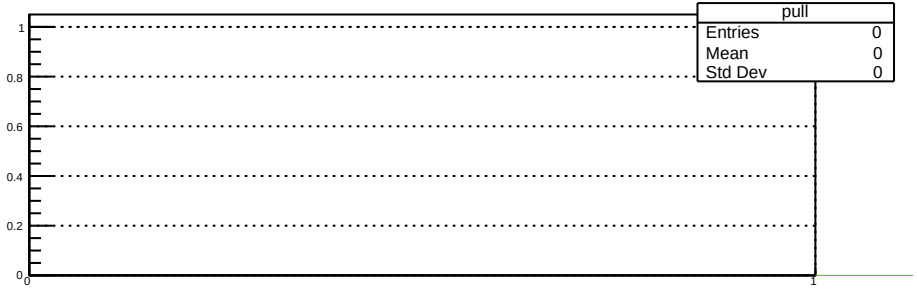

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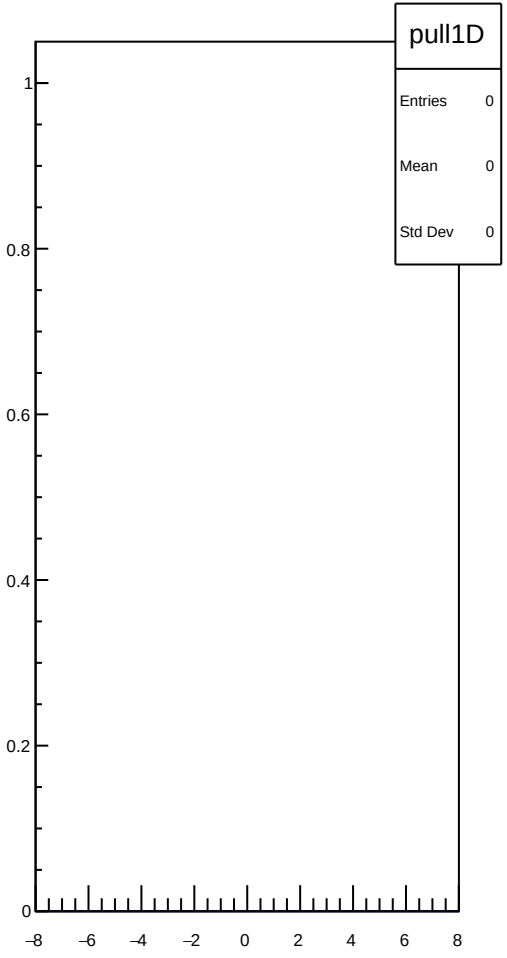

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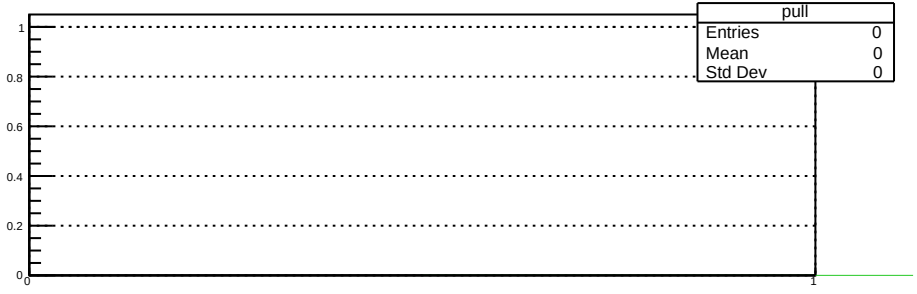

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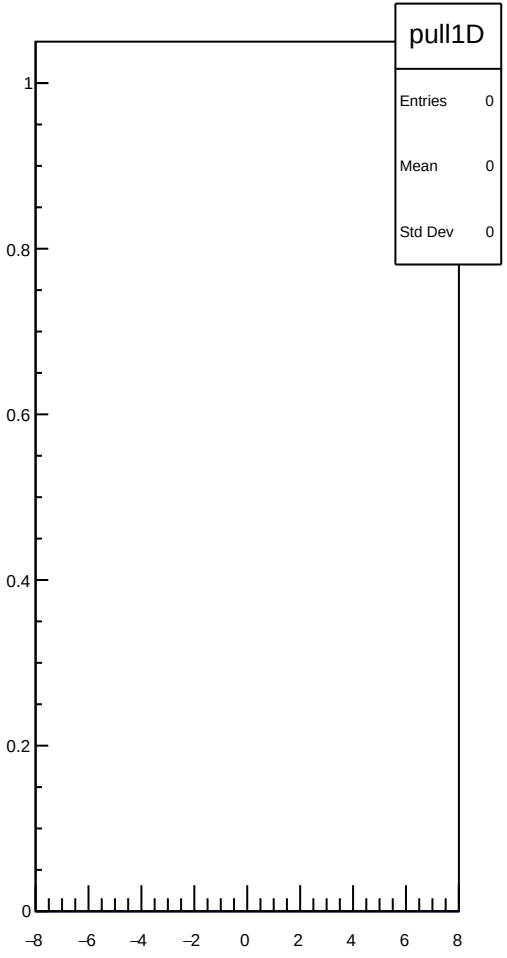

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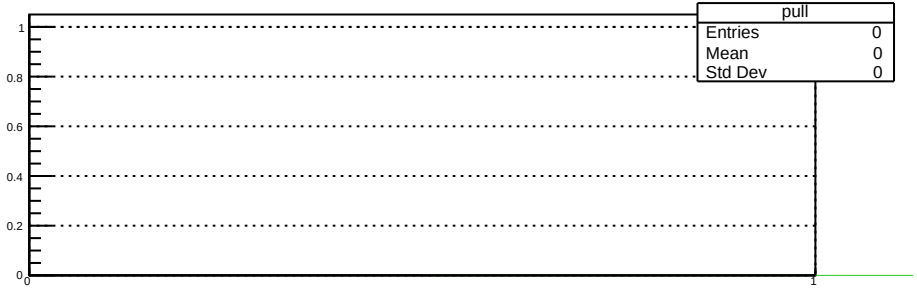

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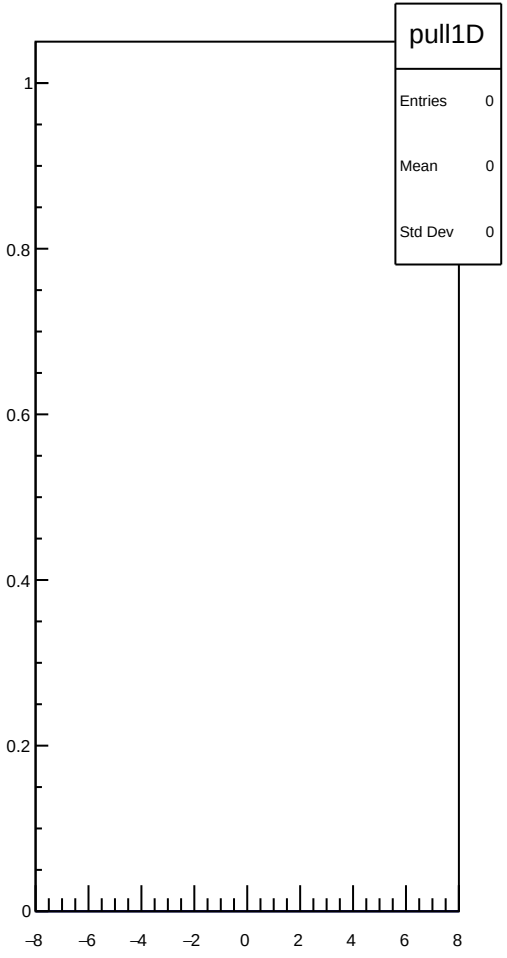

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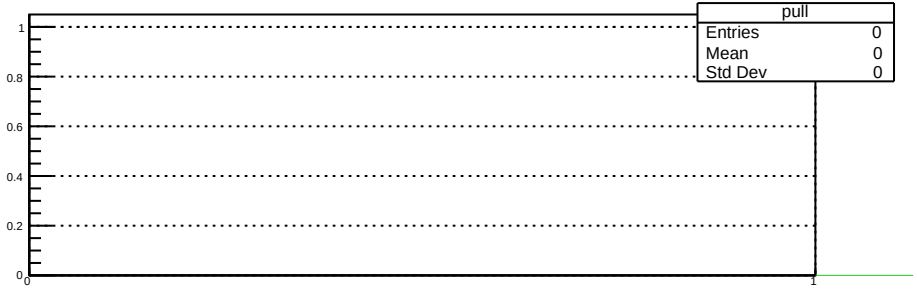

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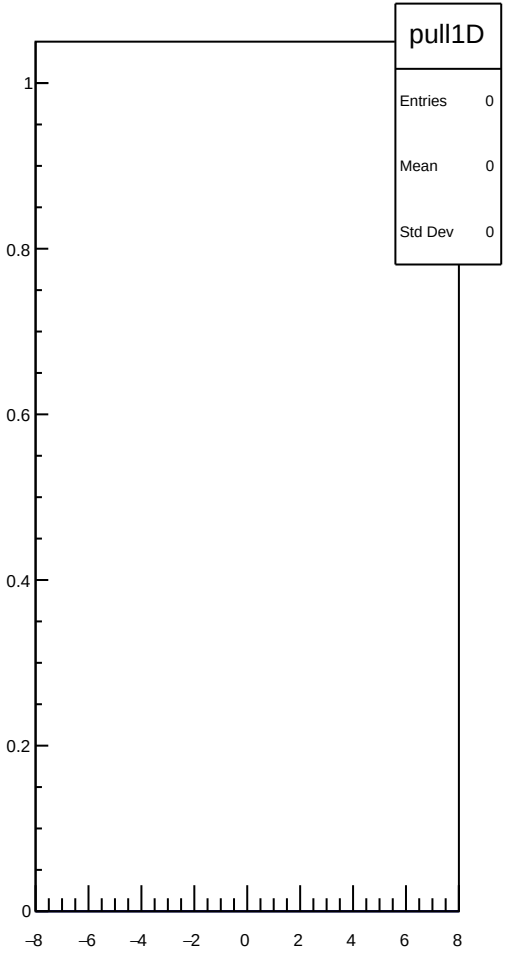

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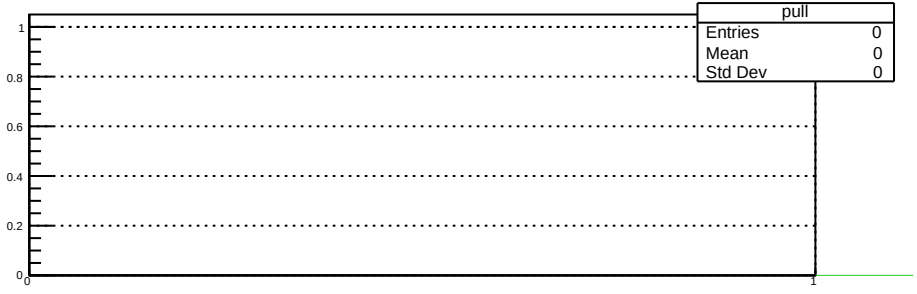

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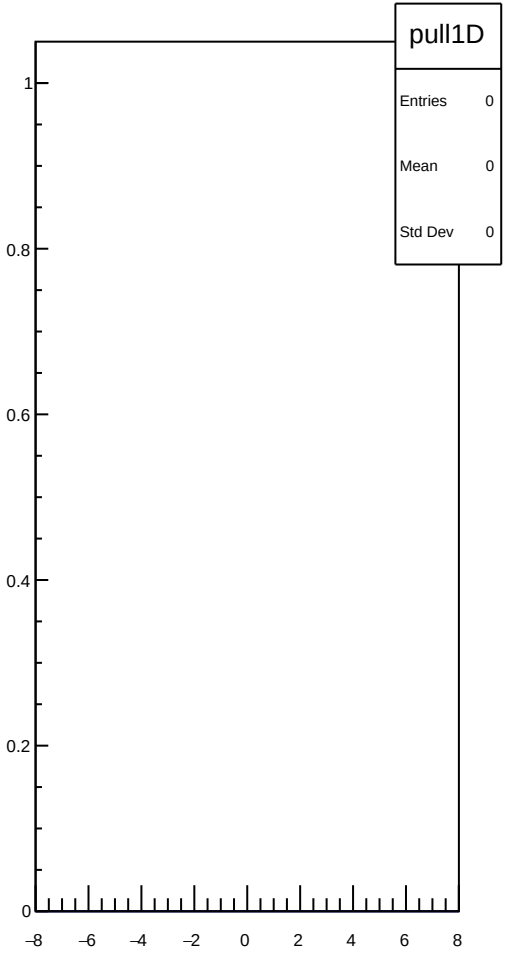

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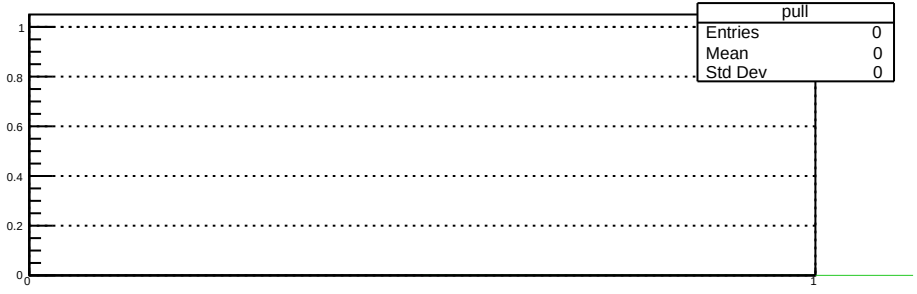

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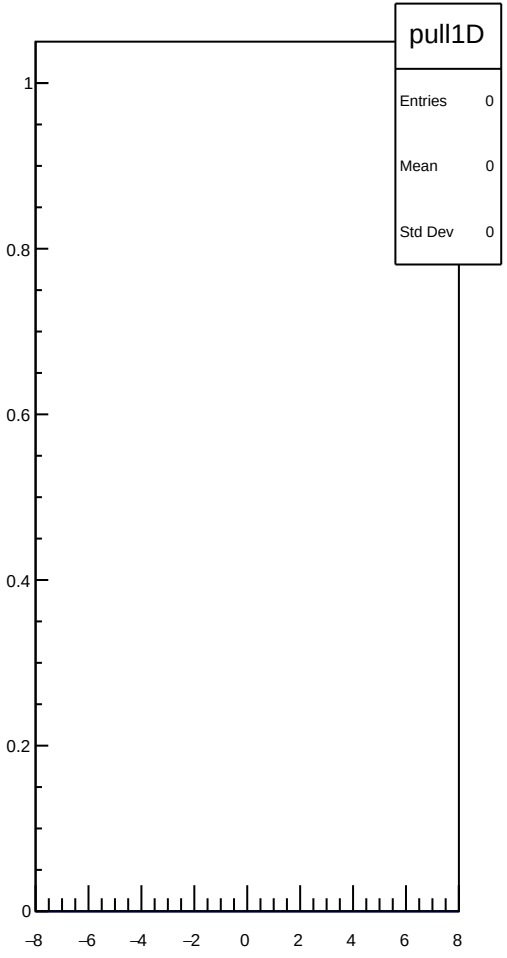

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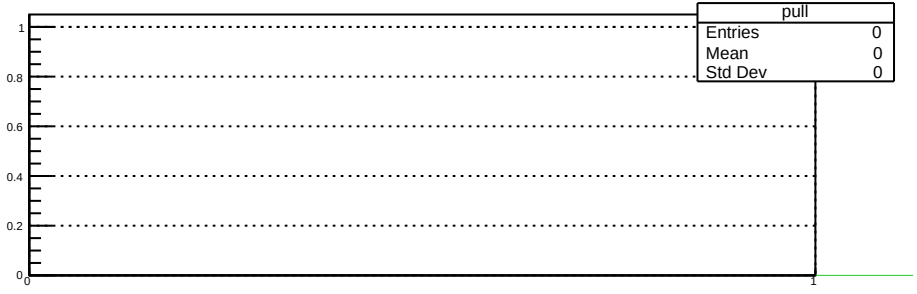

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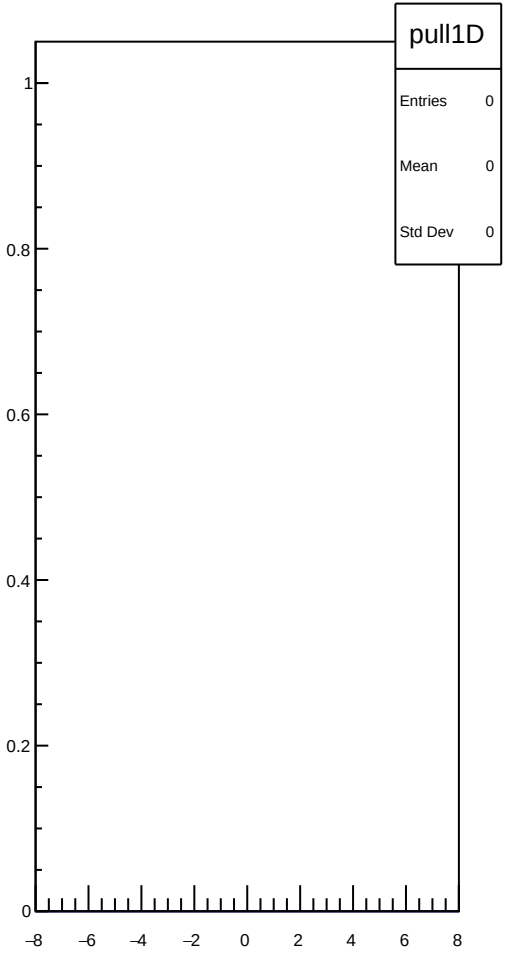

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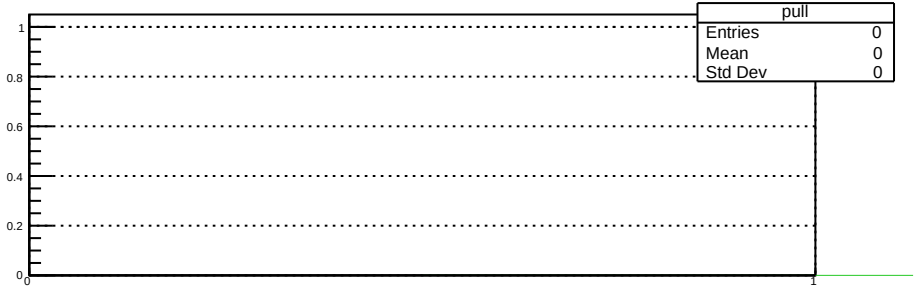

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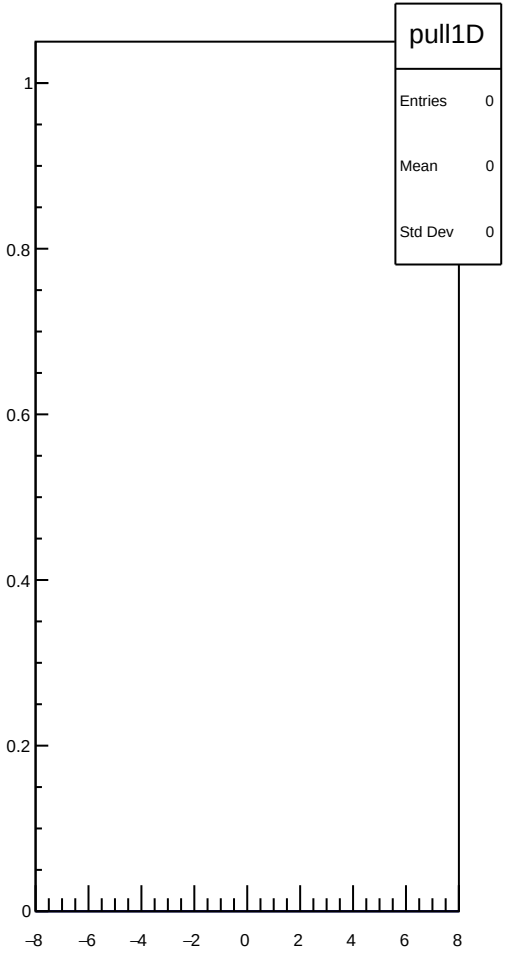

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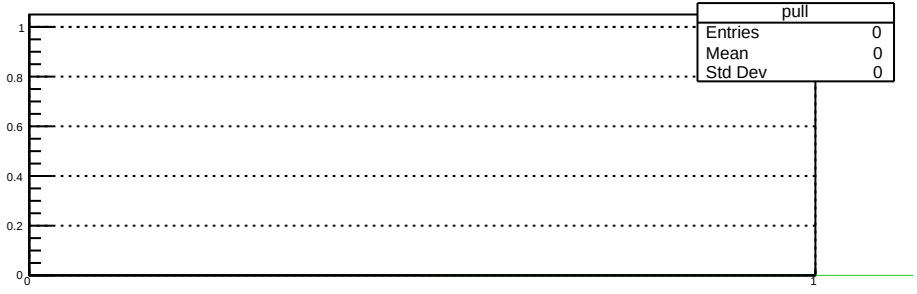

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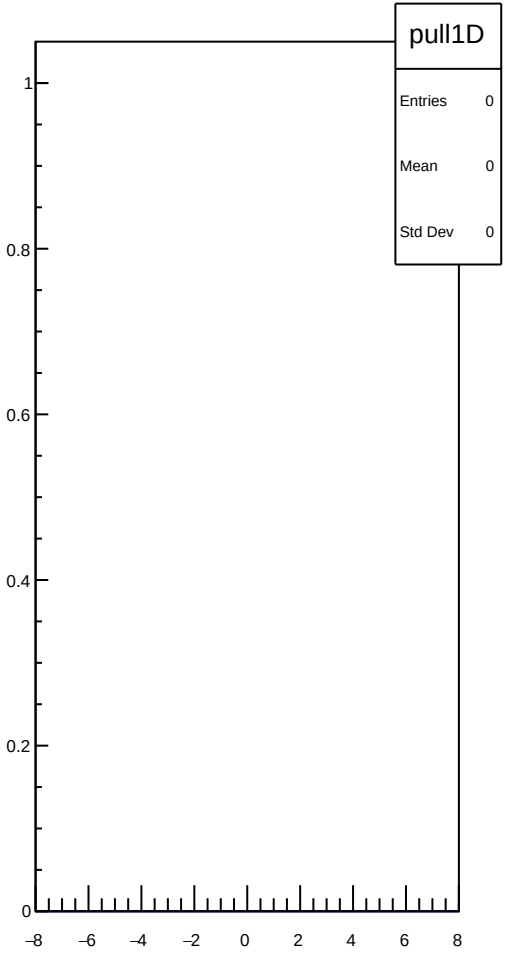

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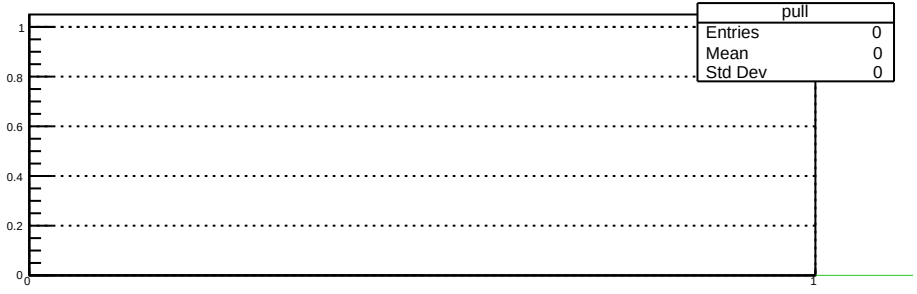

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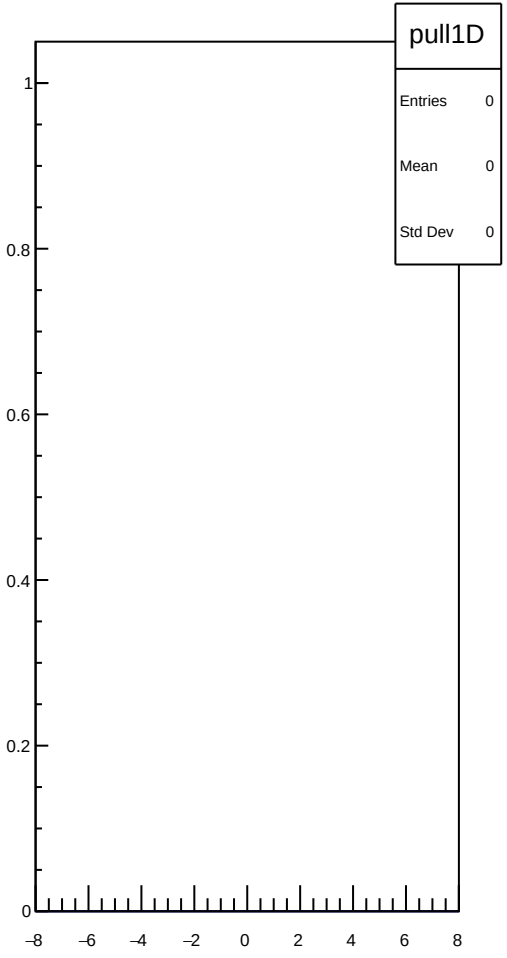

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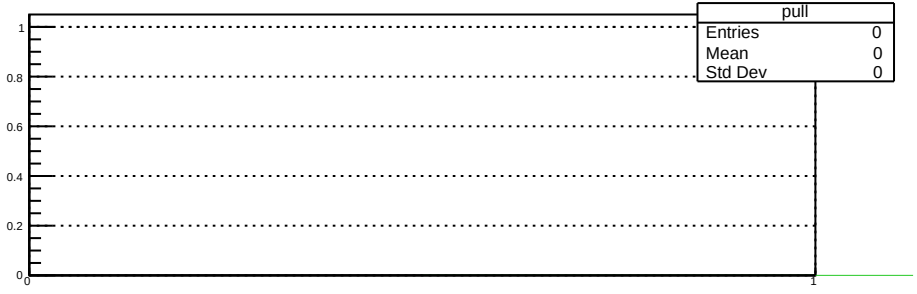

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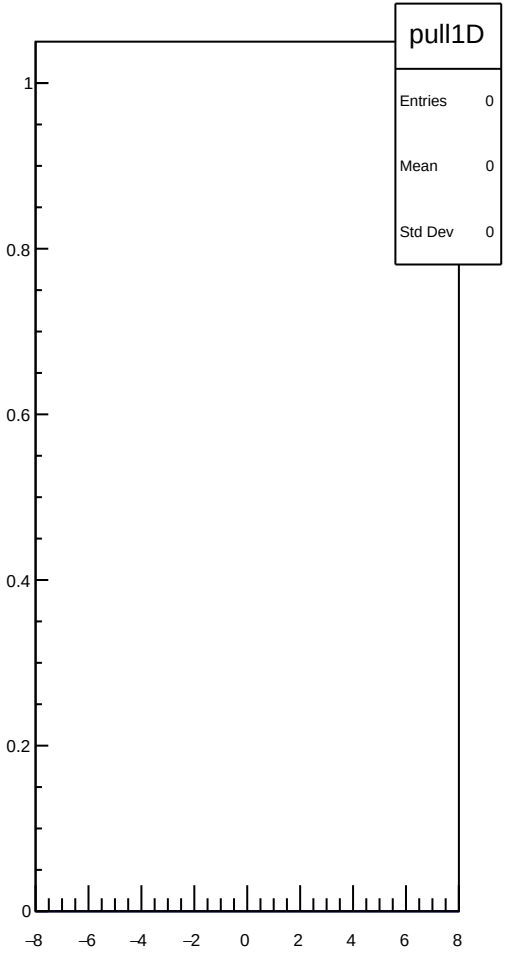

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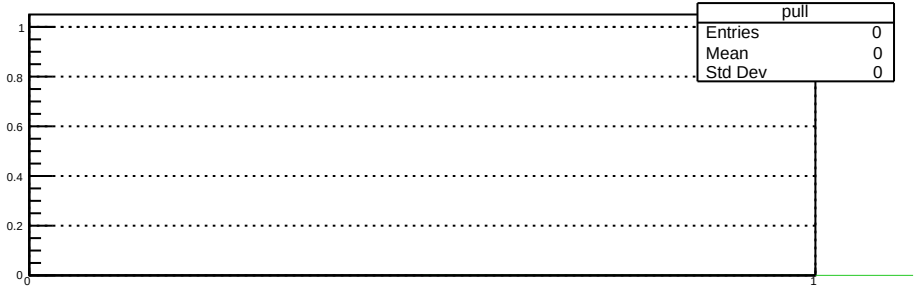

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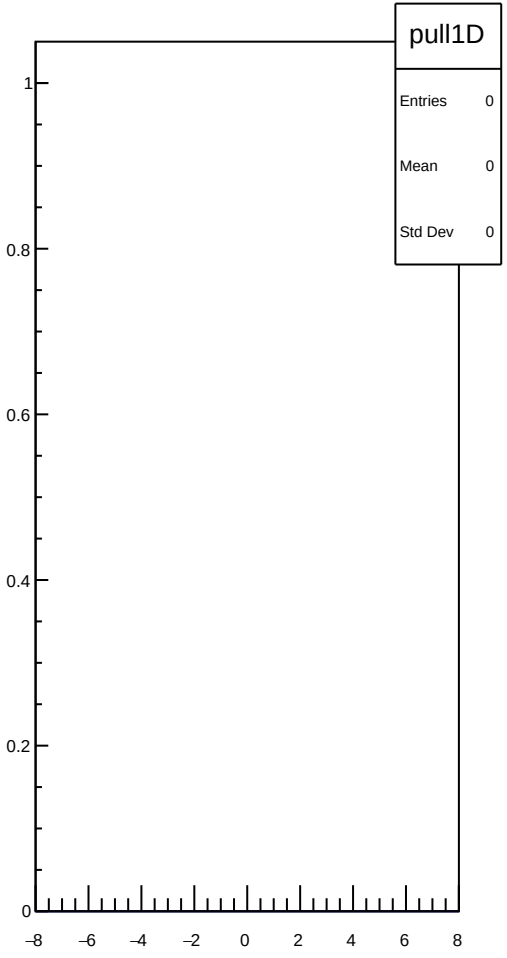

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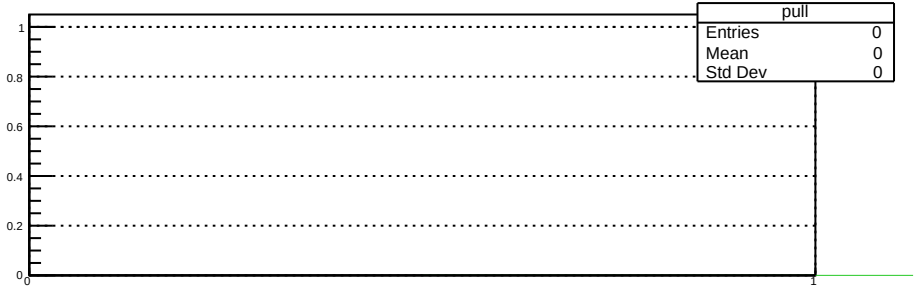

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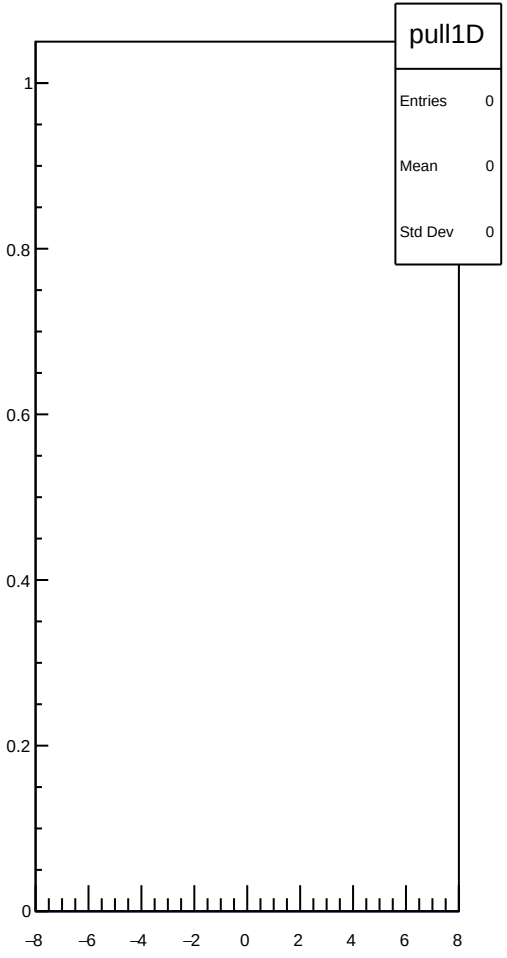

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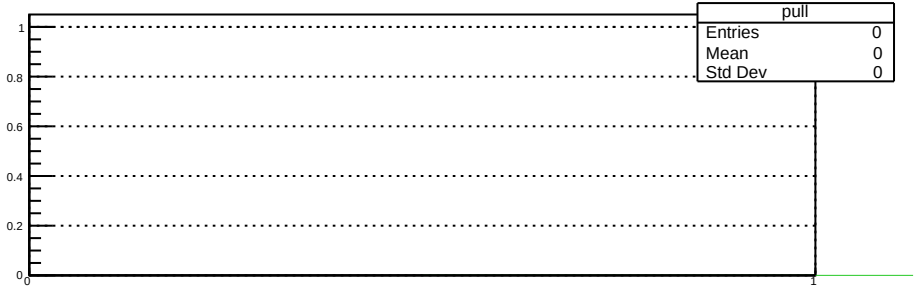

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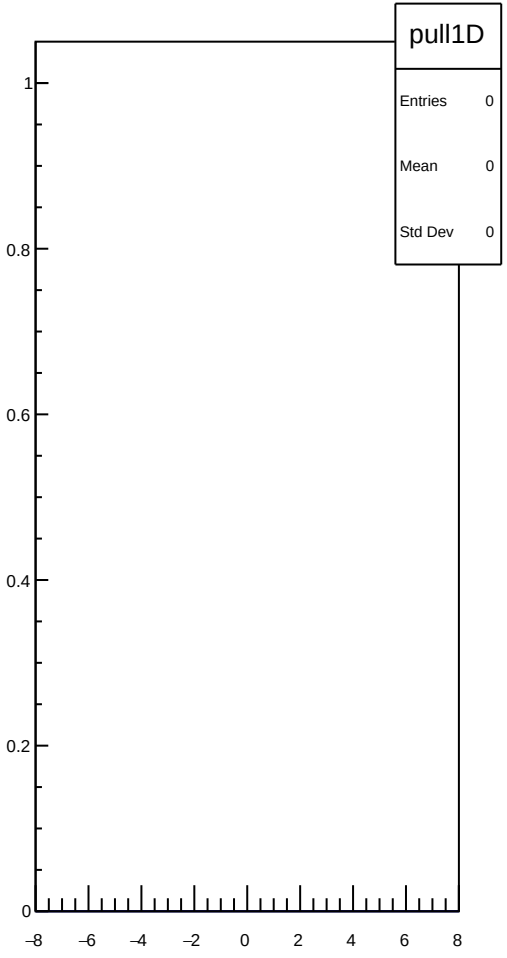

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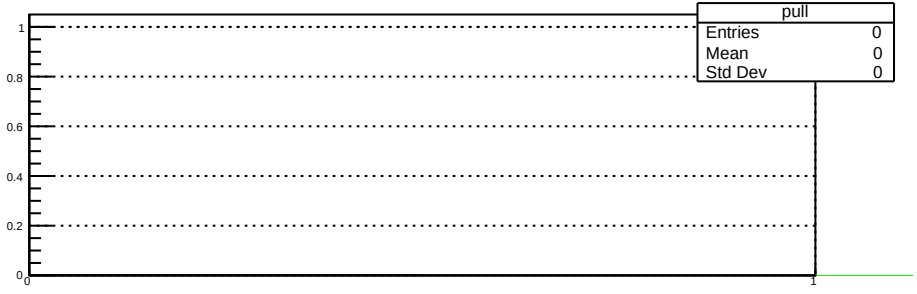

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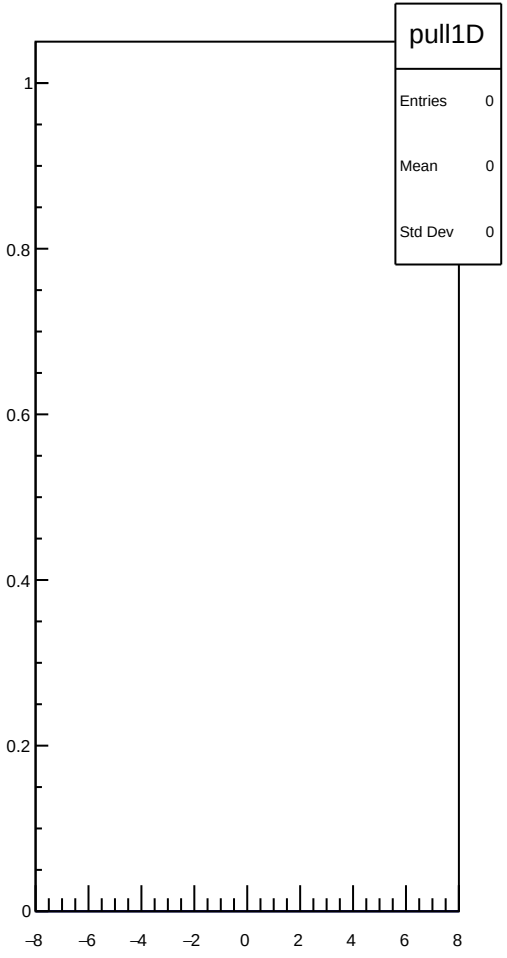

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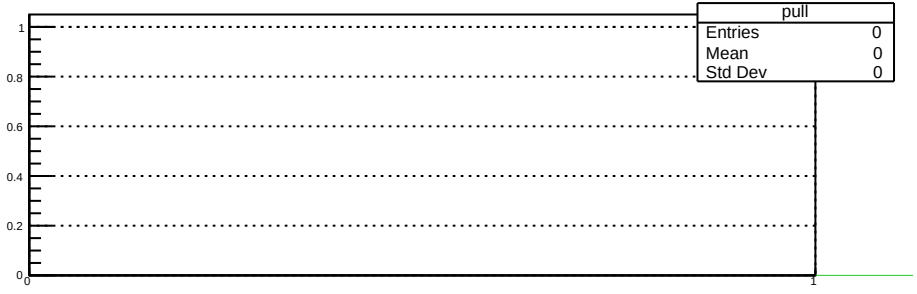

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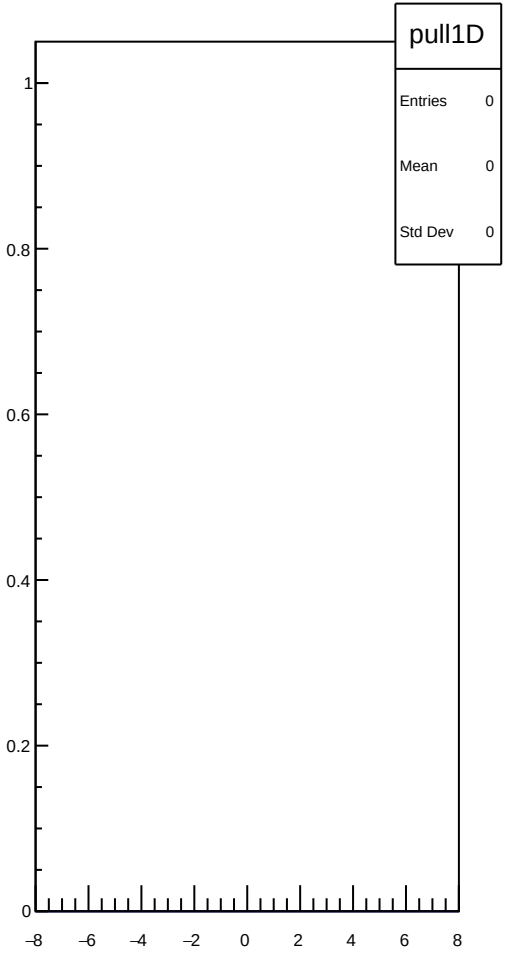

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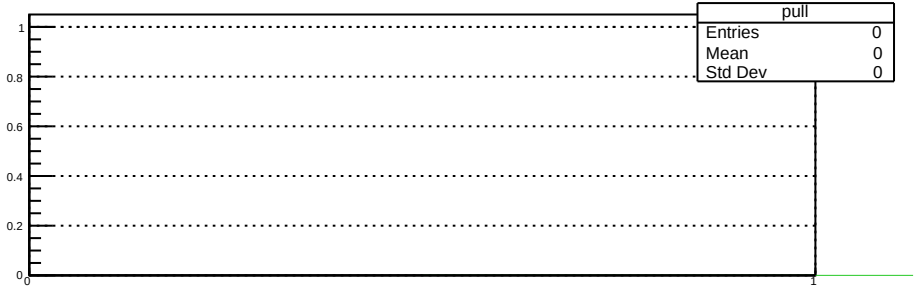

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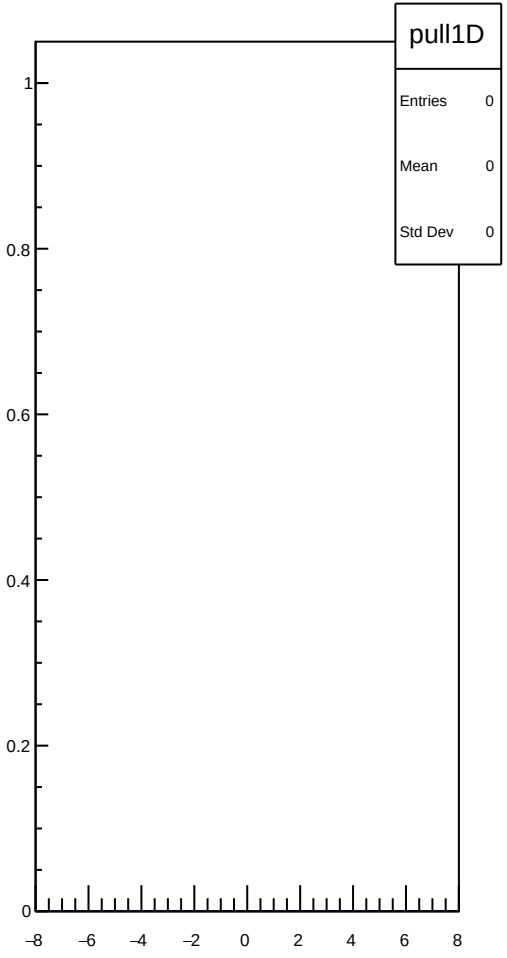

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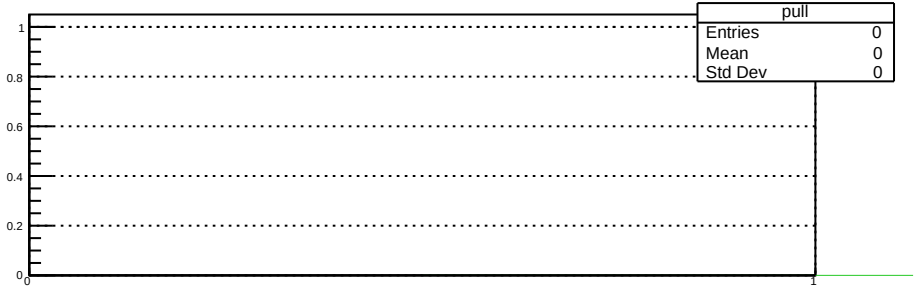

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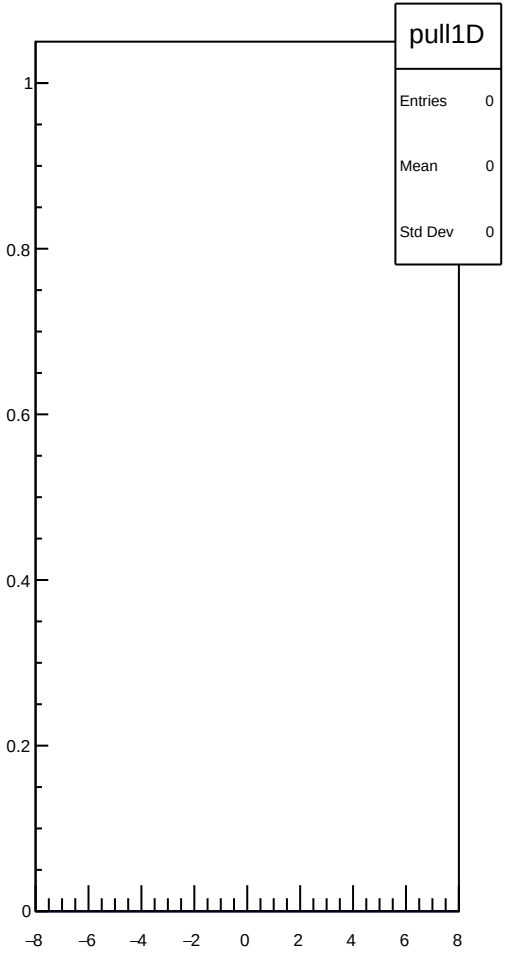

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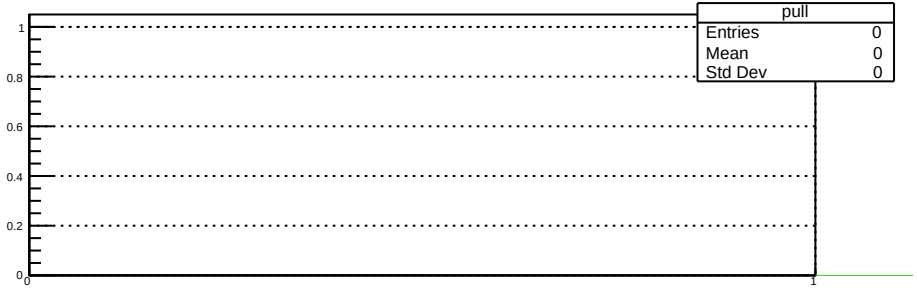

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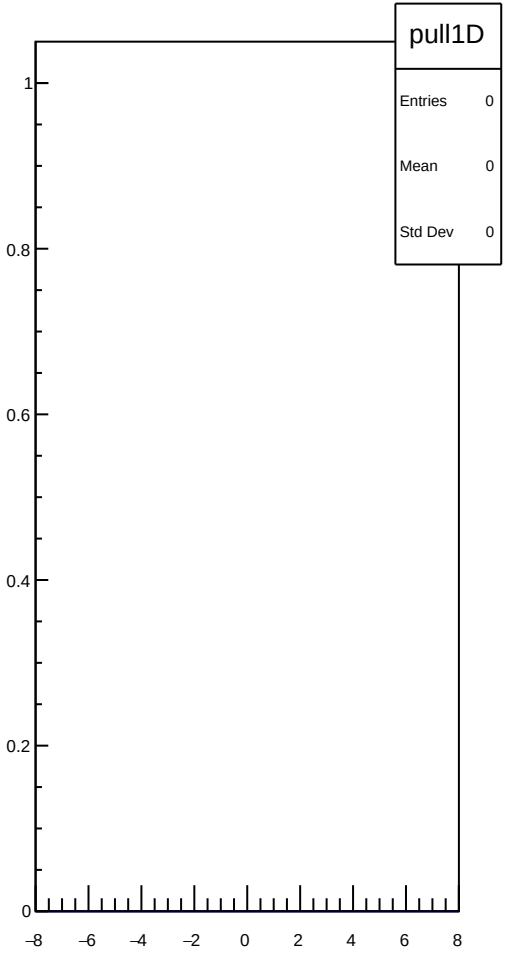

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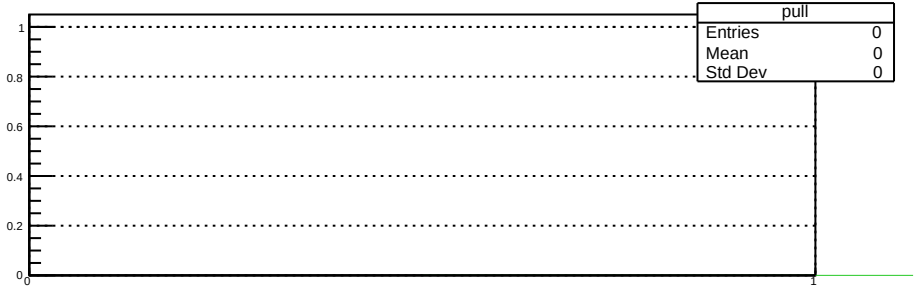

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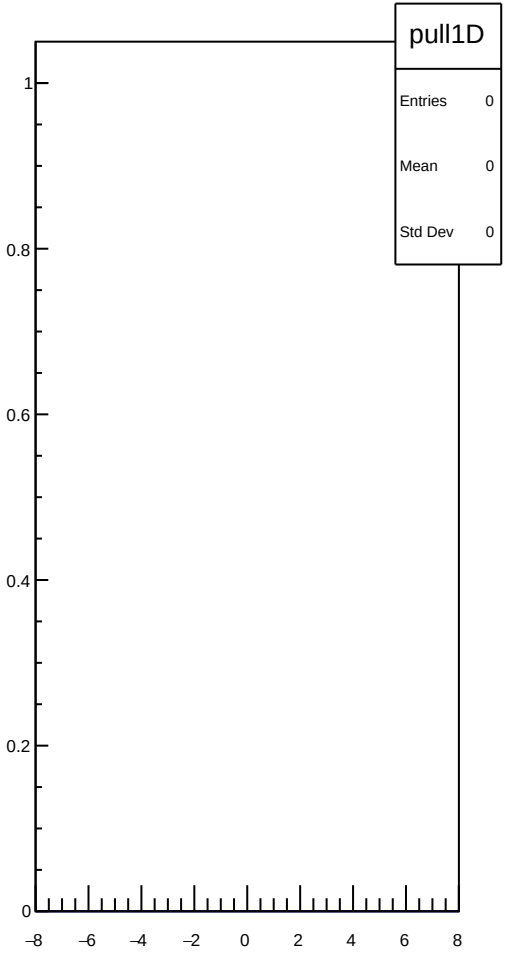

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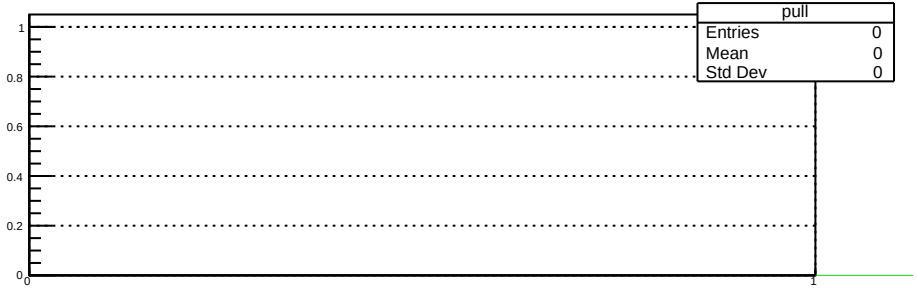

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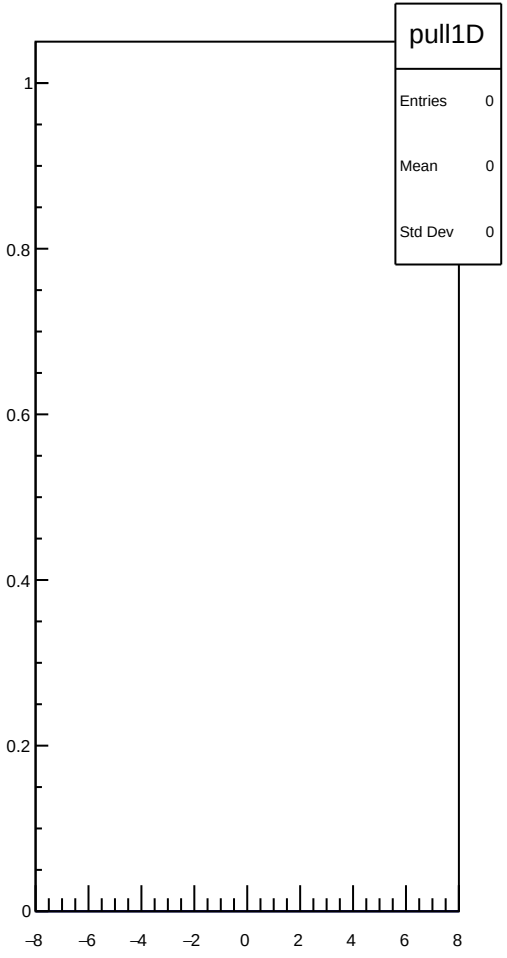

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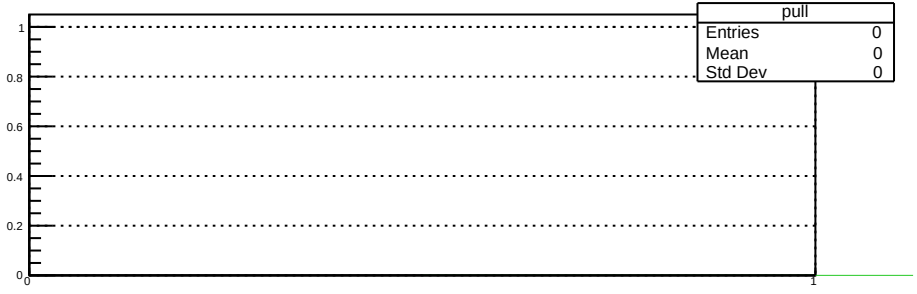

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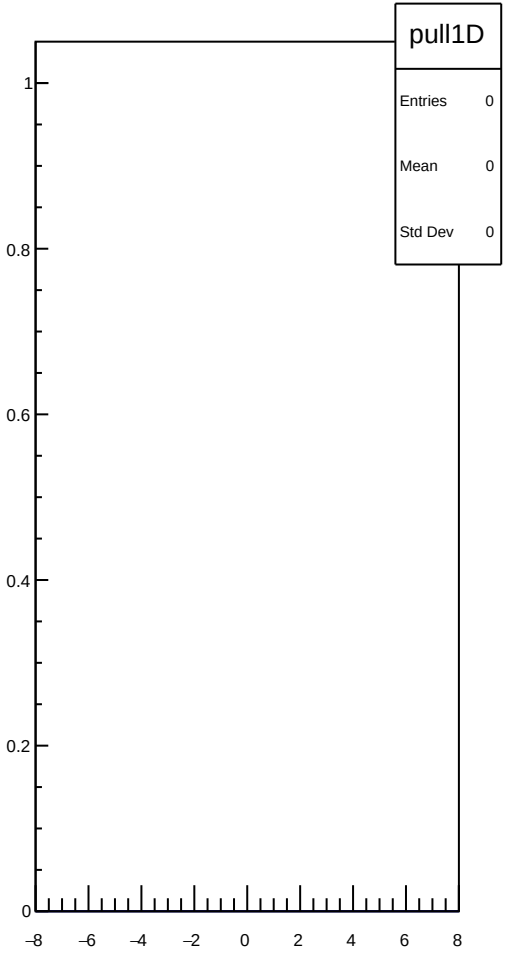

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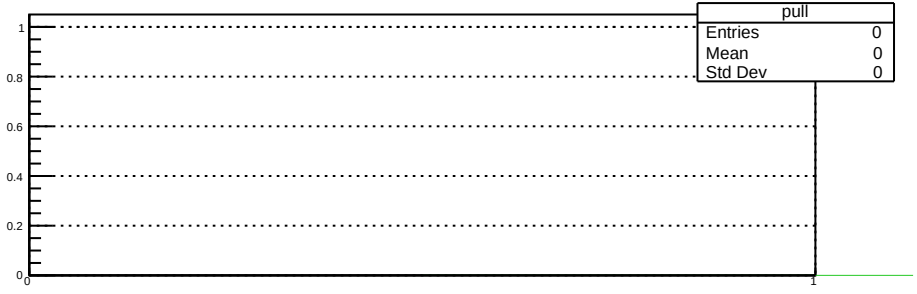

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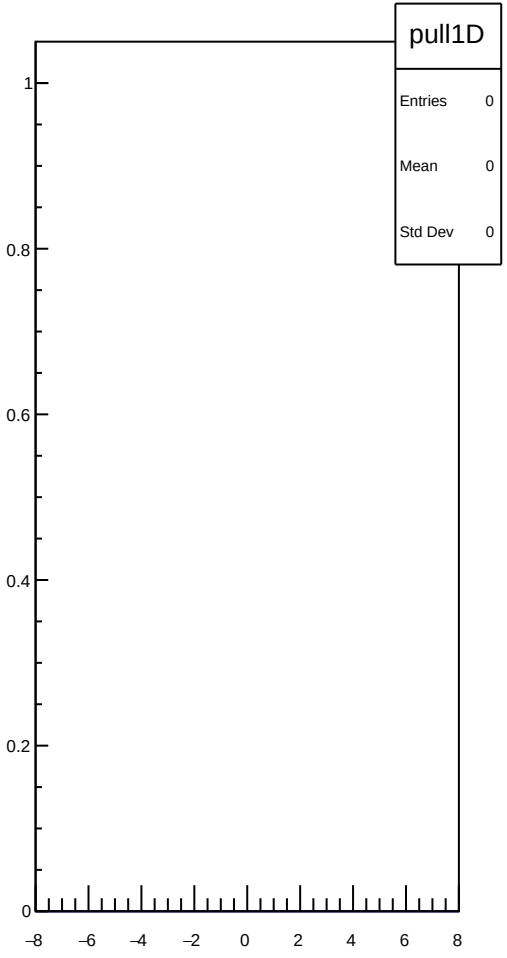

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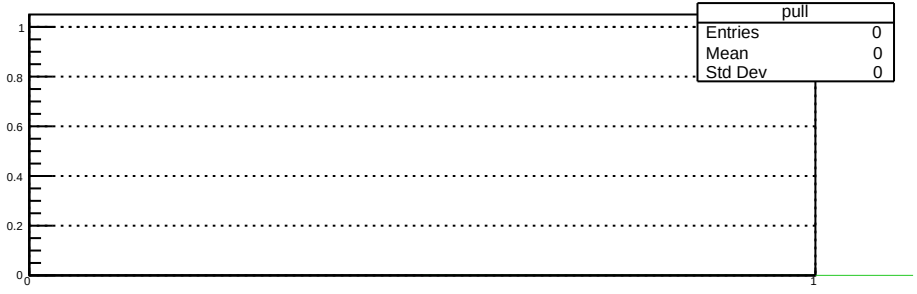

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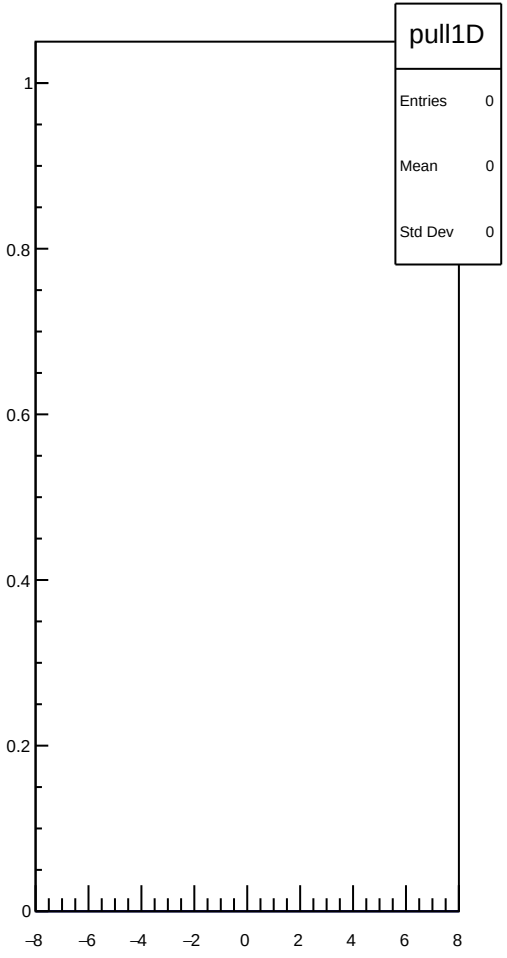

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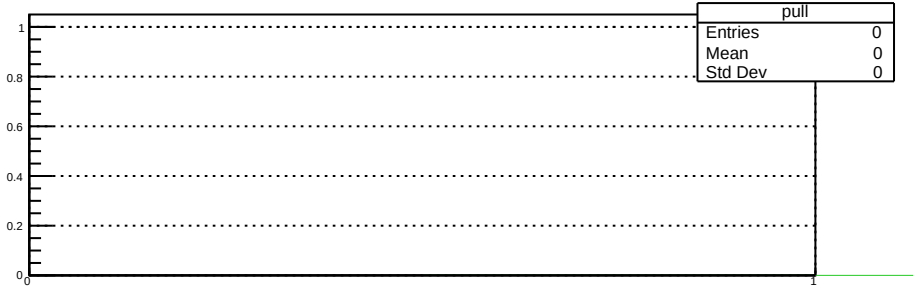

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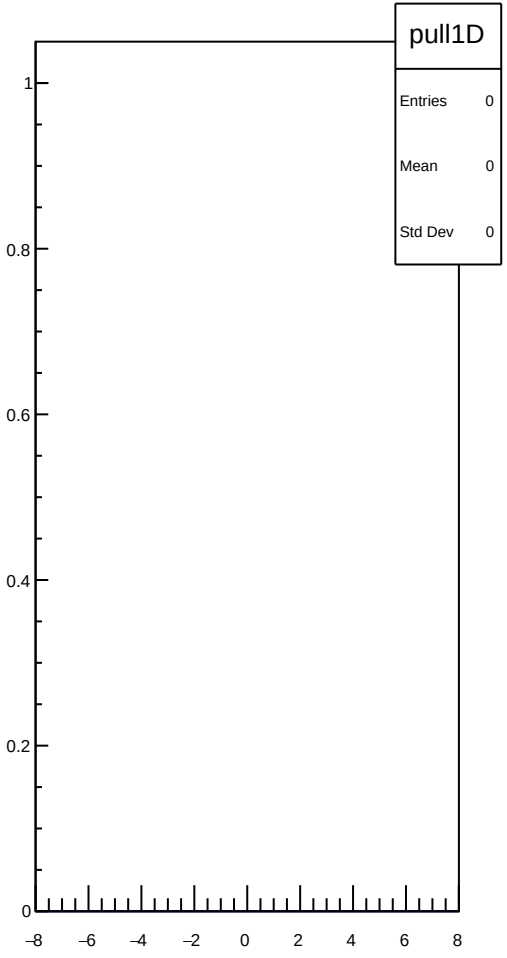

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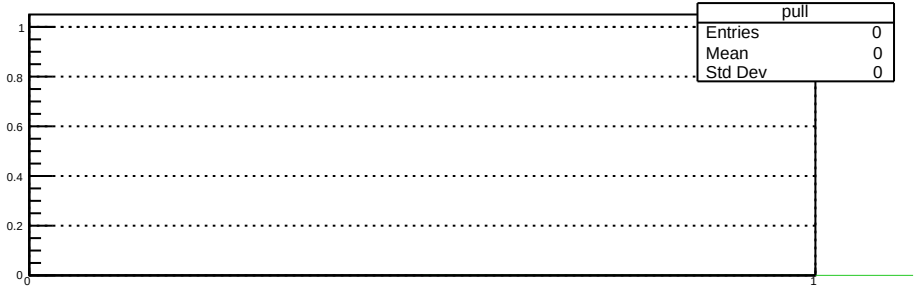

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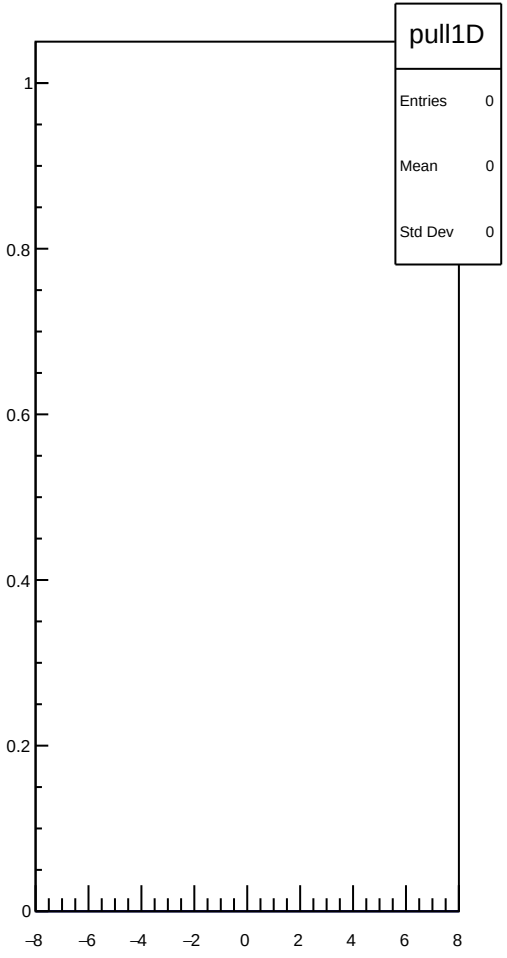

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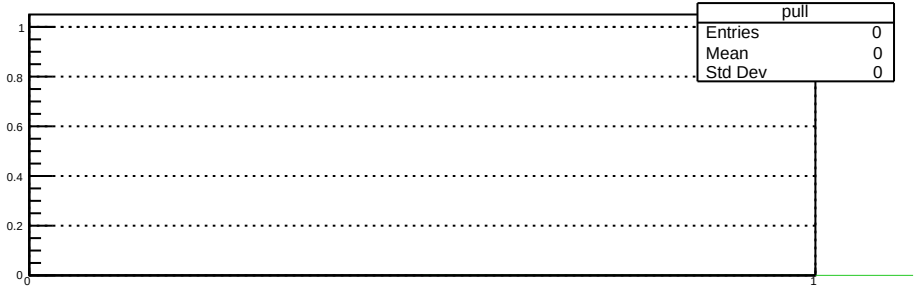

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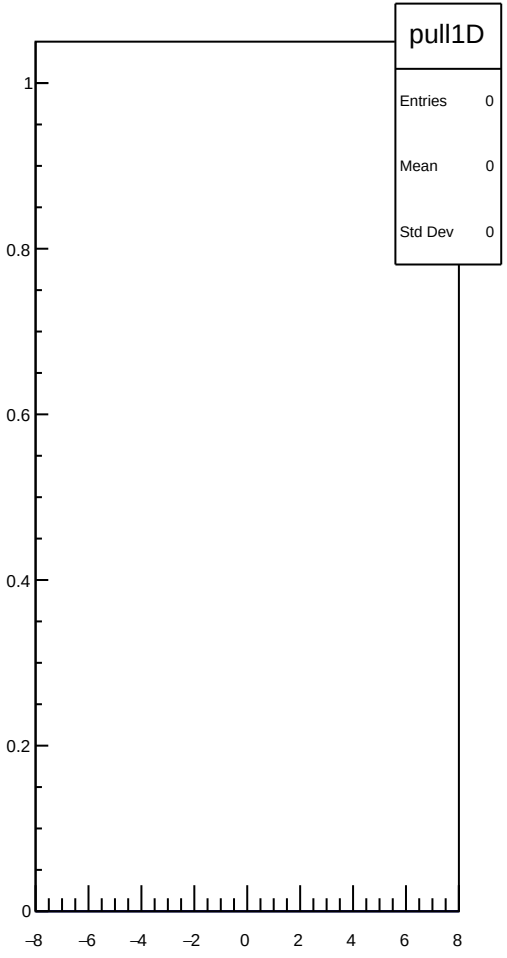

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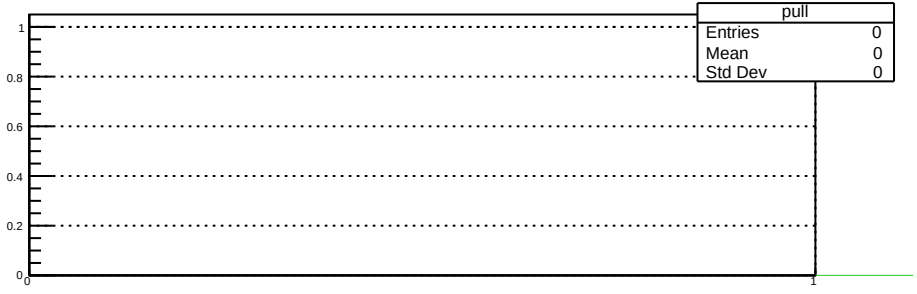

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1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

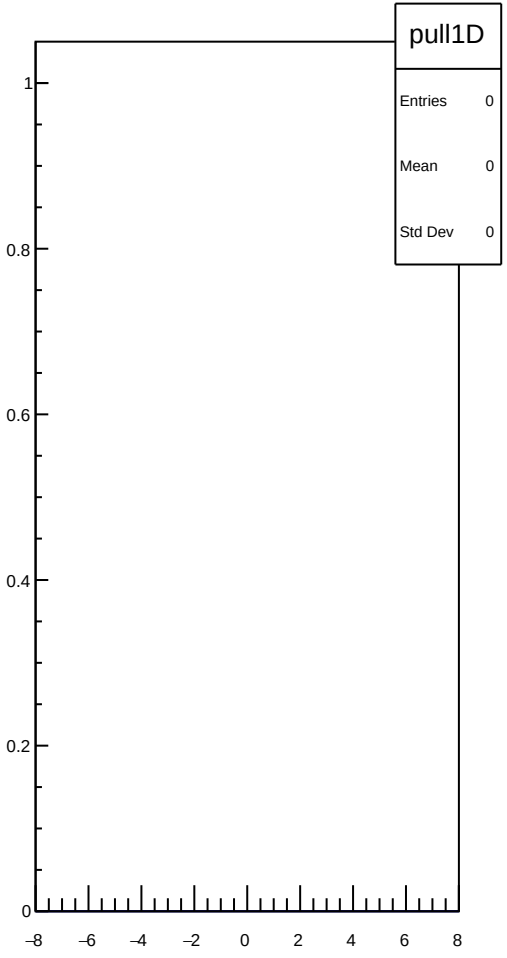

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

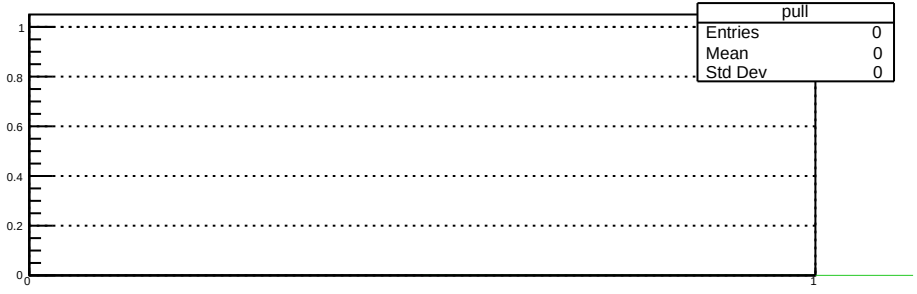

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

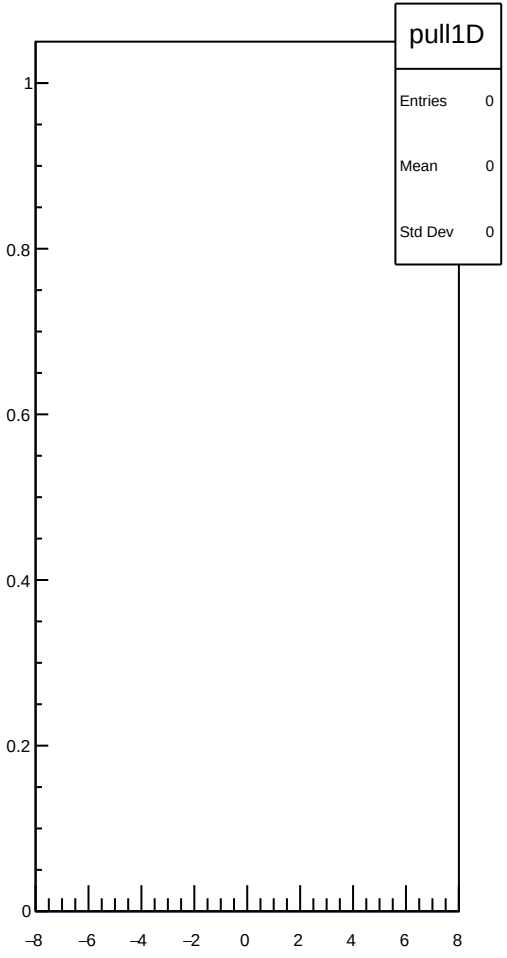

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

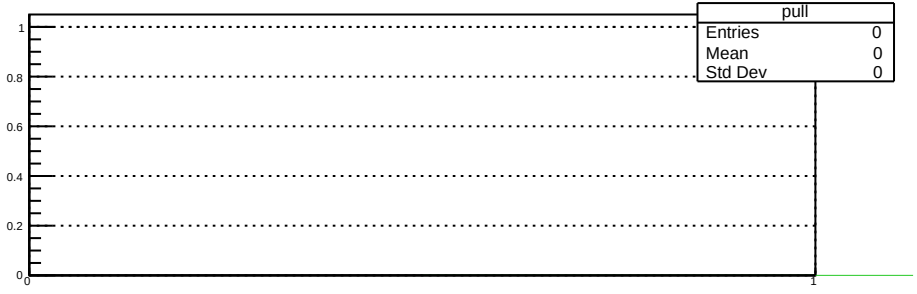

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

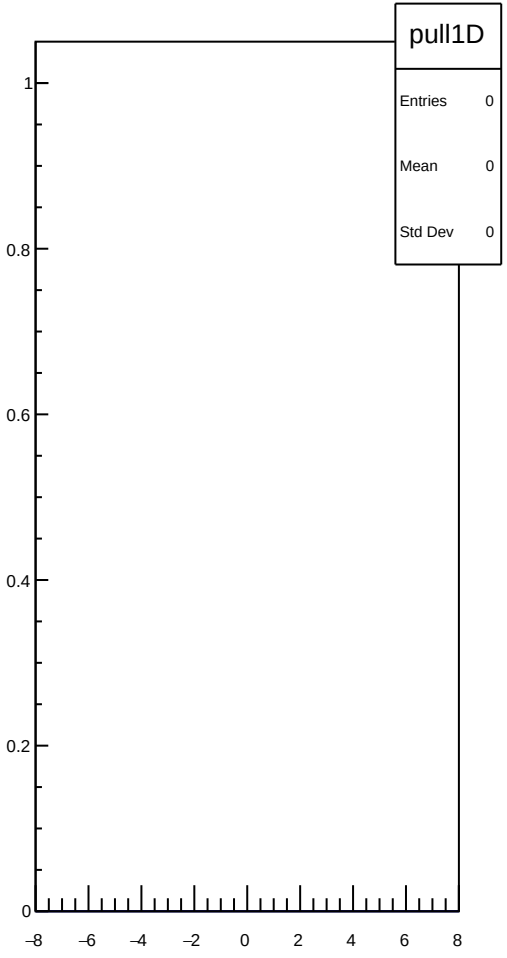

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

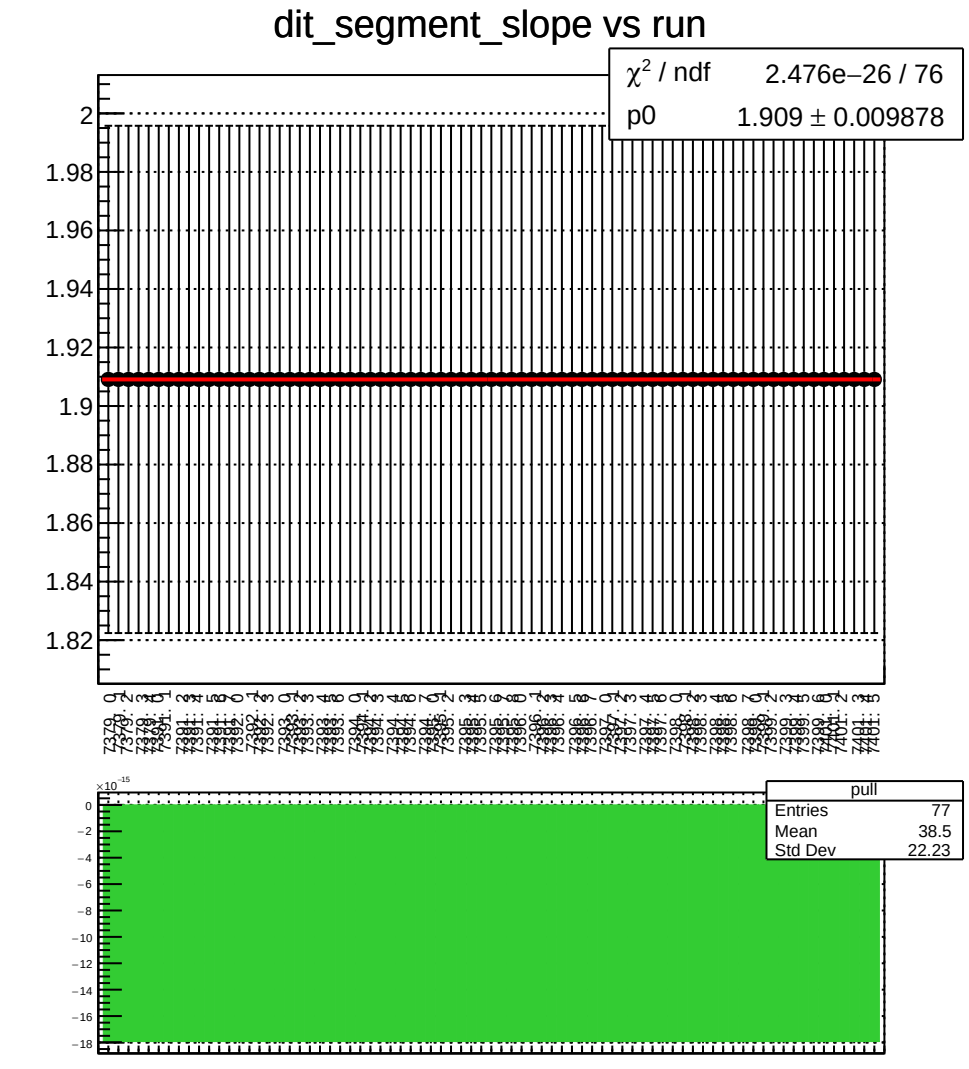

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

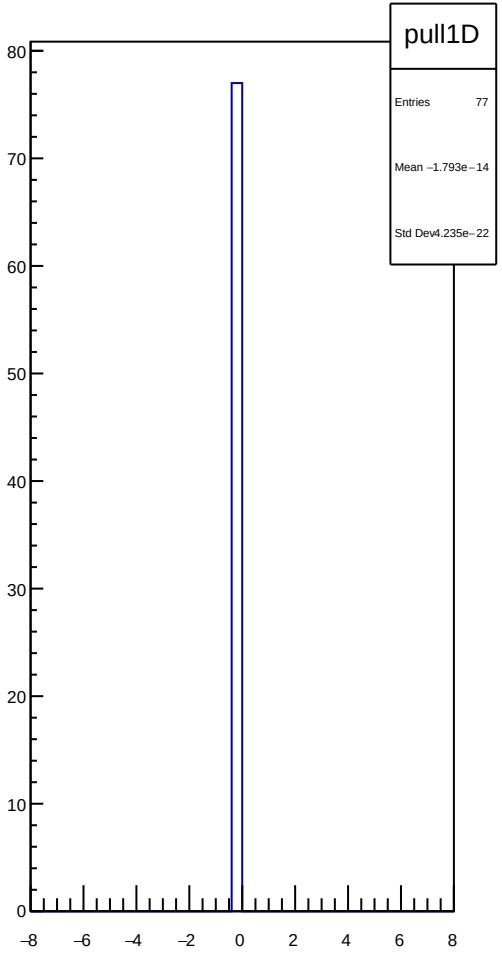

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

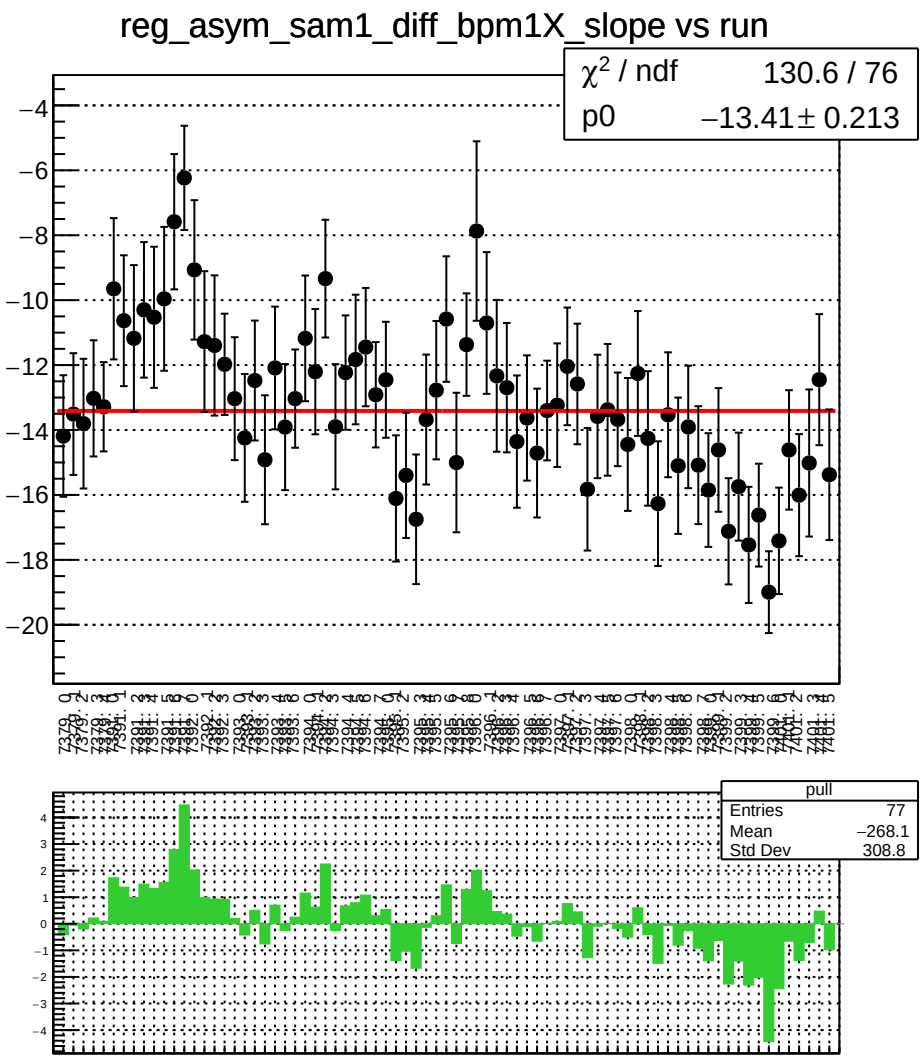

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

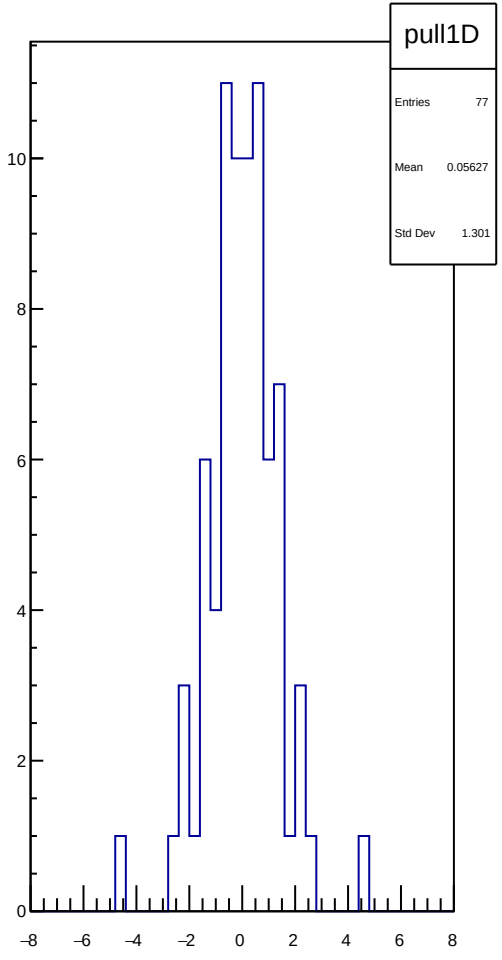

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

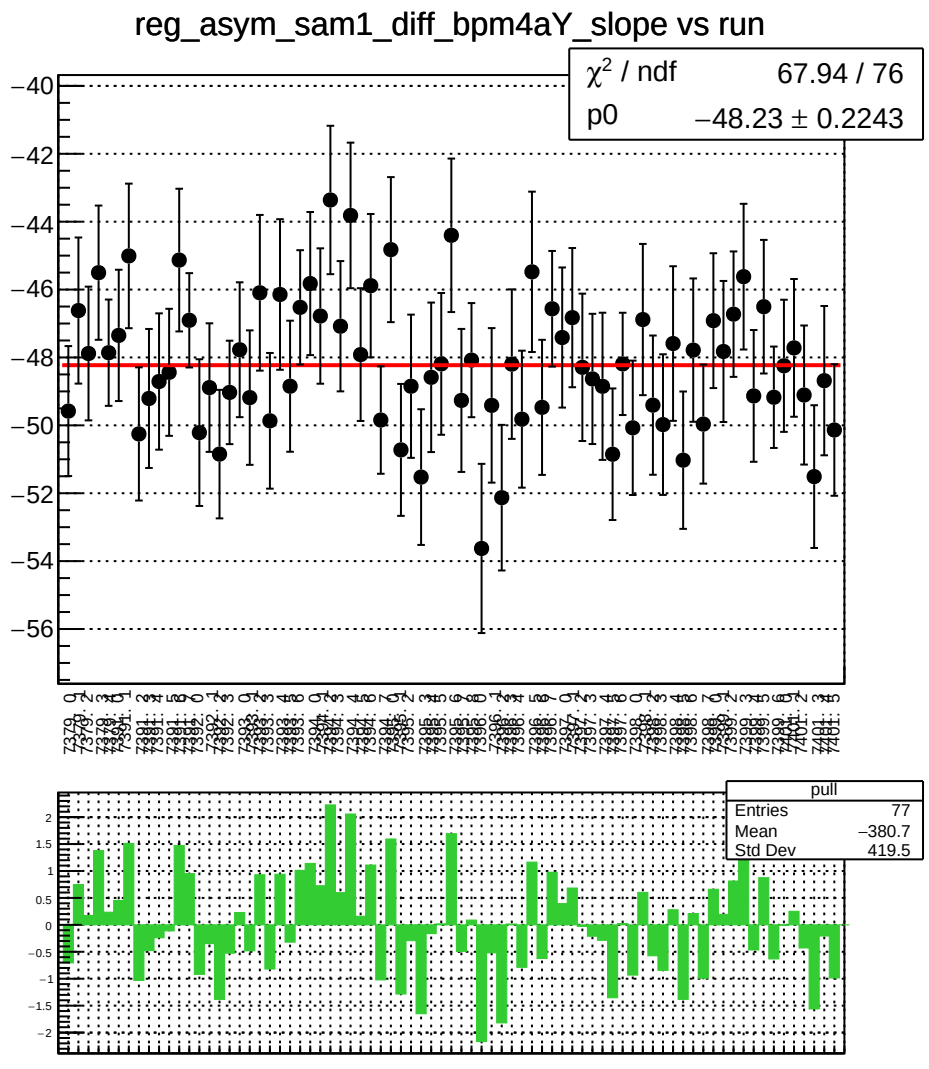

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

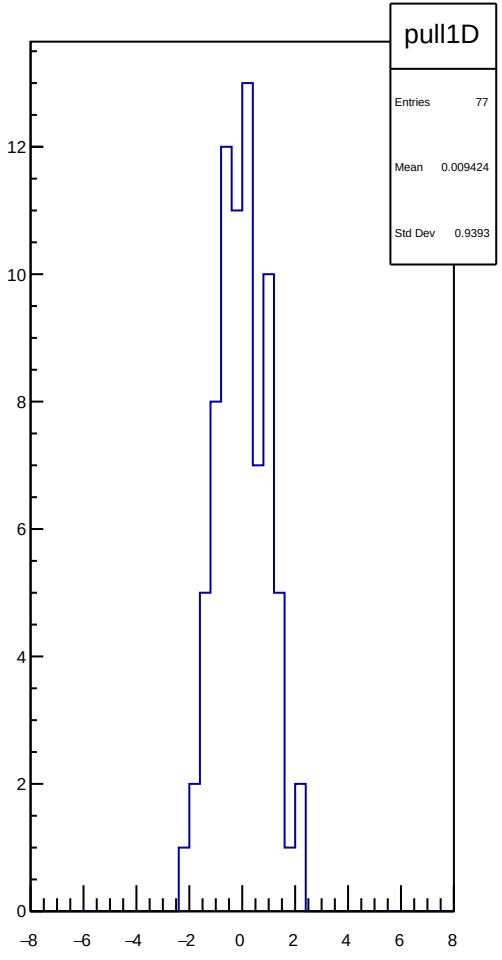

dit_segment_slope vs run
χ² / ndf 2.476e−26 / 76
p0 1.909 ± 0.009878
pull
Entries 77
Mean 38.5
Std Dev 22.23

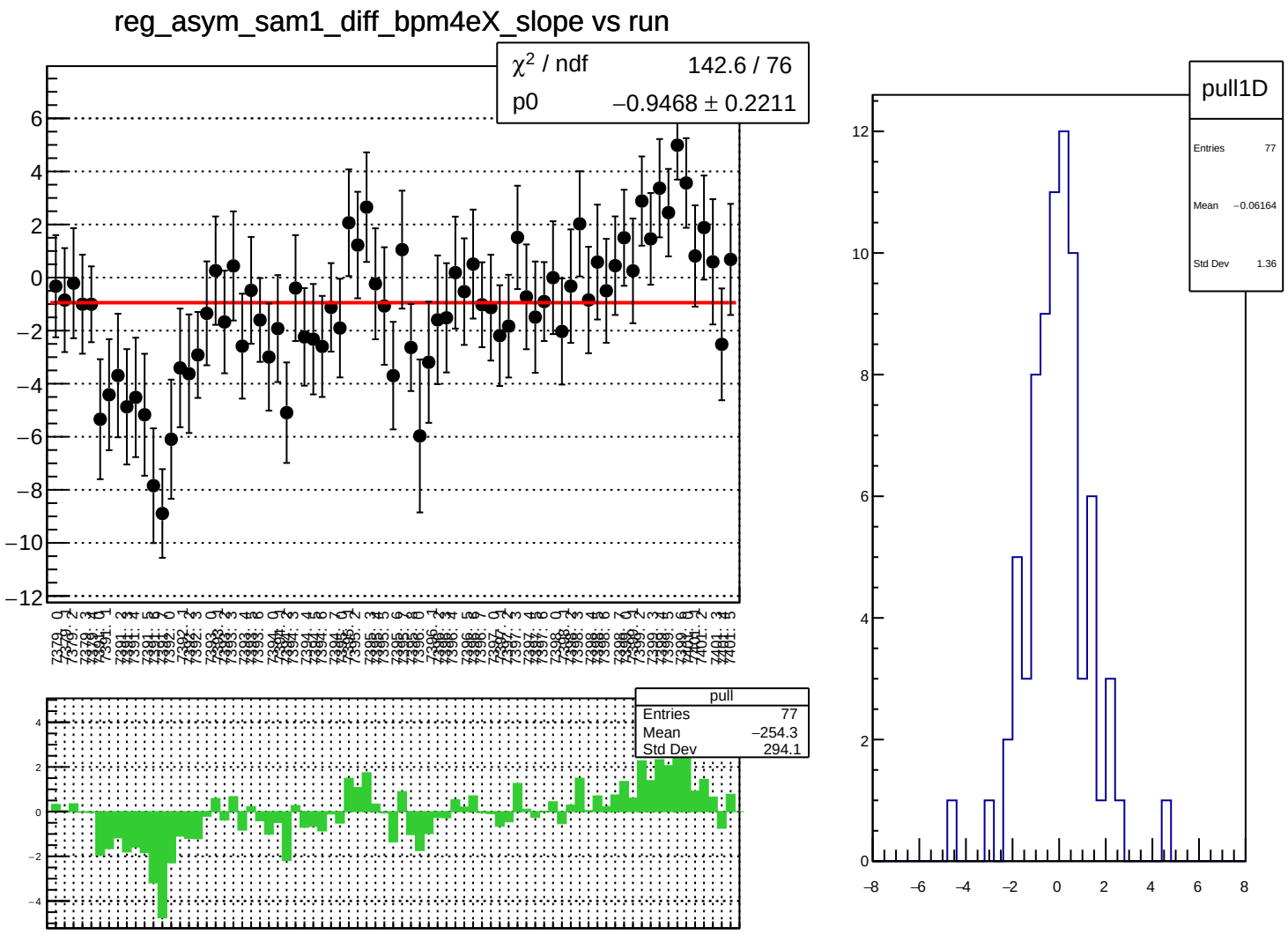

pull1D
Entries 77
Mean −1.793e−14
Std Dev4.235e−22

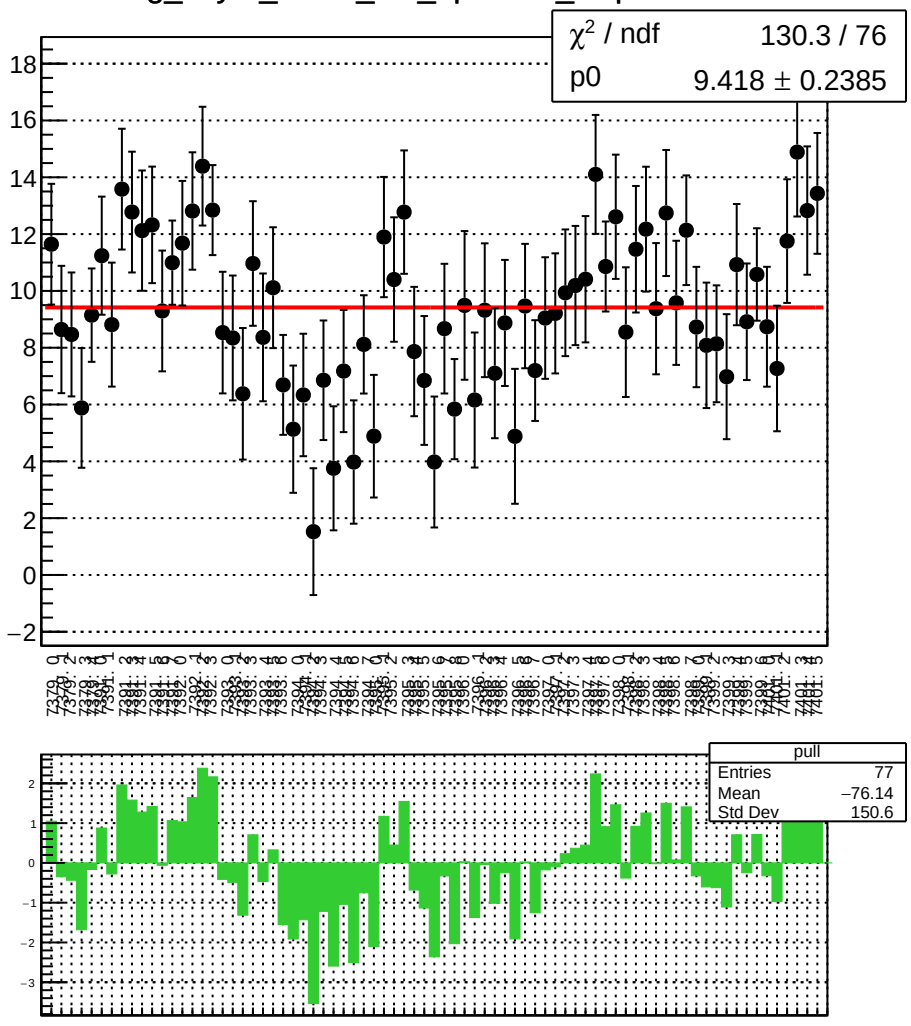

reg_asym_sam1_diff_bpm1X_slope vs run
χ² / ndf 130.6 / 76
p0 −13.41 ± 0.213
pull
Entries 77
Mean −268.1
Std Dev 308.8

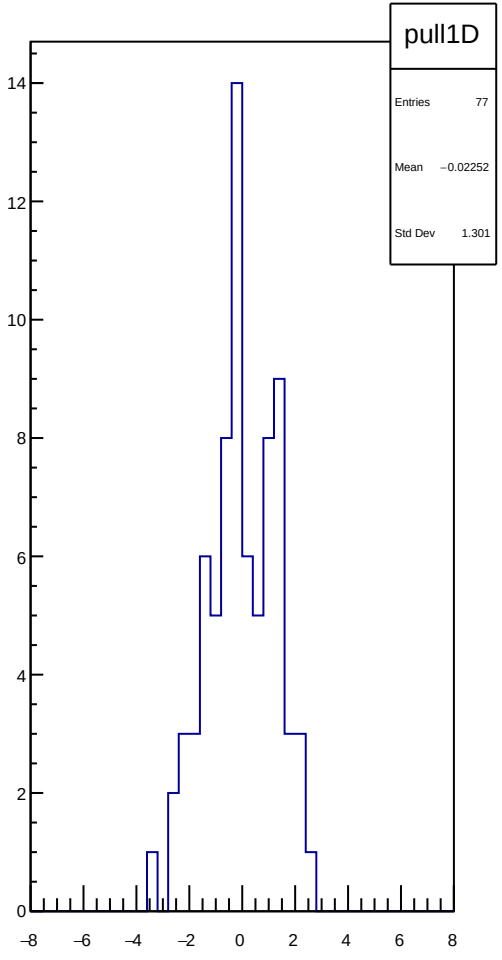

pull1D
Entries 77
Mean 0.05627
Std Dev 1.301

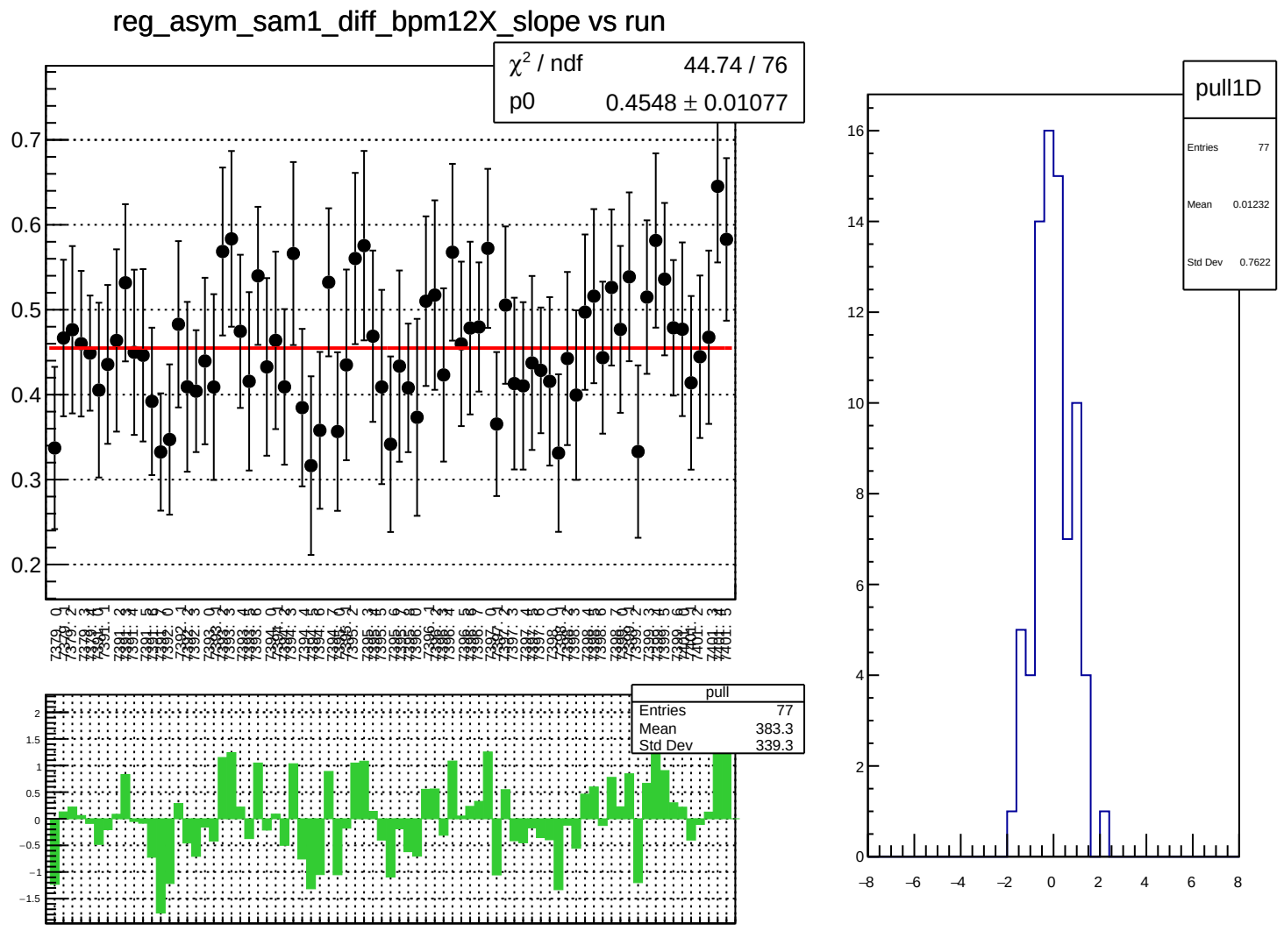

reg_asym_sam1_diff_bpm4aY_slope vs run
χ² / ndf 67.94 / 76
p0 −48.23 ± 0.2243
pull
Entries 77
Mean −380.7
Std Dev 419.5

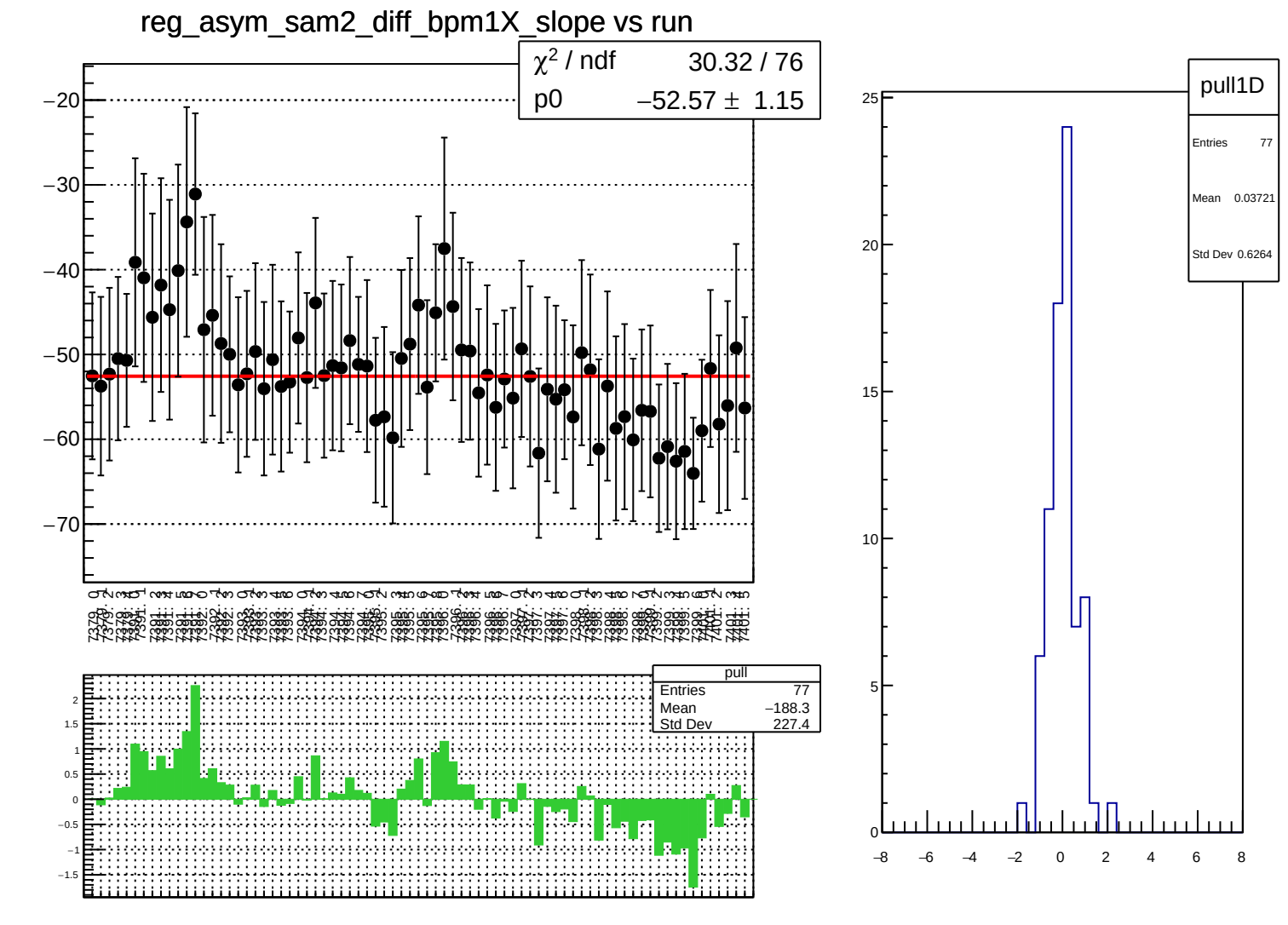

pull1D
Entries 77
Mean 0.009424
Std Dev 0.9393

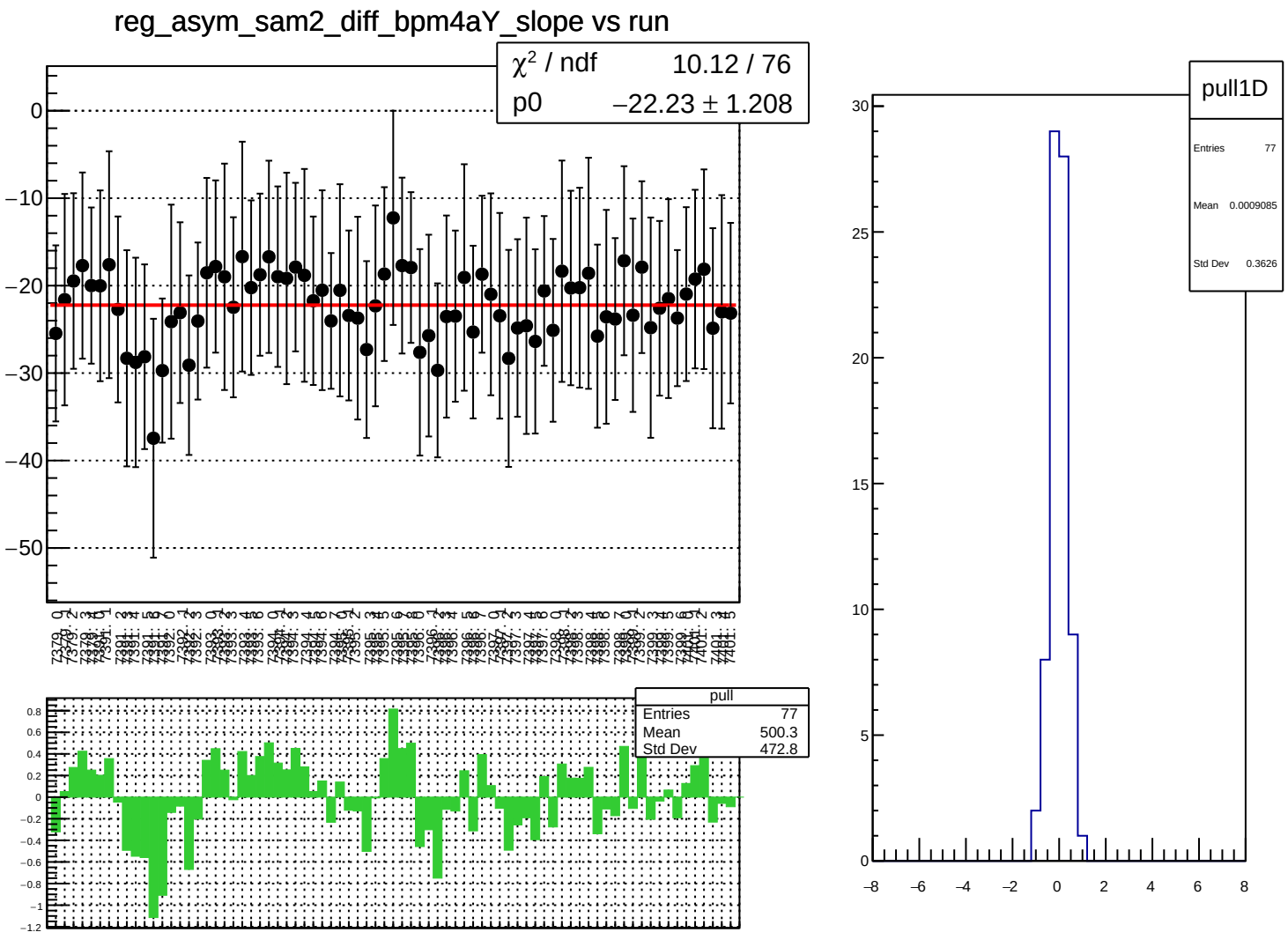

reg_asym_sam1_diff_bpm4eX_slope vs run
χ² / ndf 142.6 / 76
p0 −0.9468 ± 0.2211
pull
Entries 77
Mean −254.3
Std Dev 294.1
pull1D
Entries 77
Mean −0.06164
Std Dev 1.36

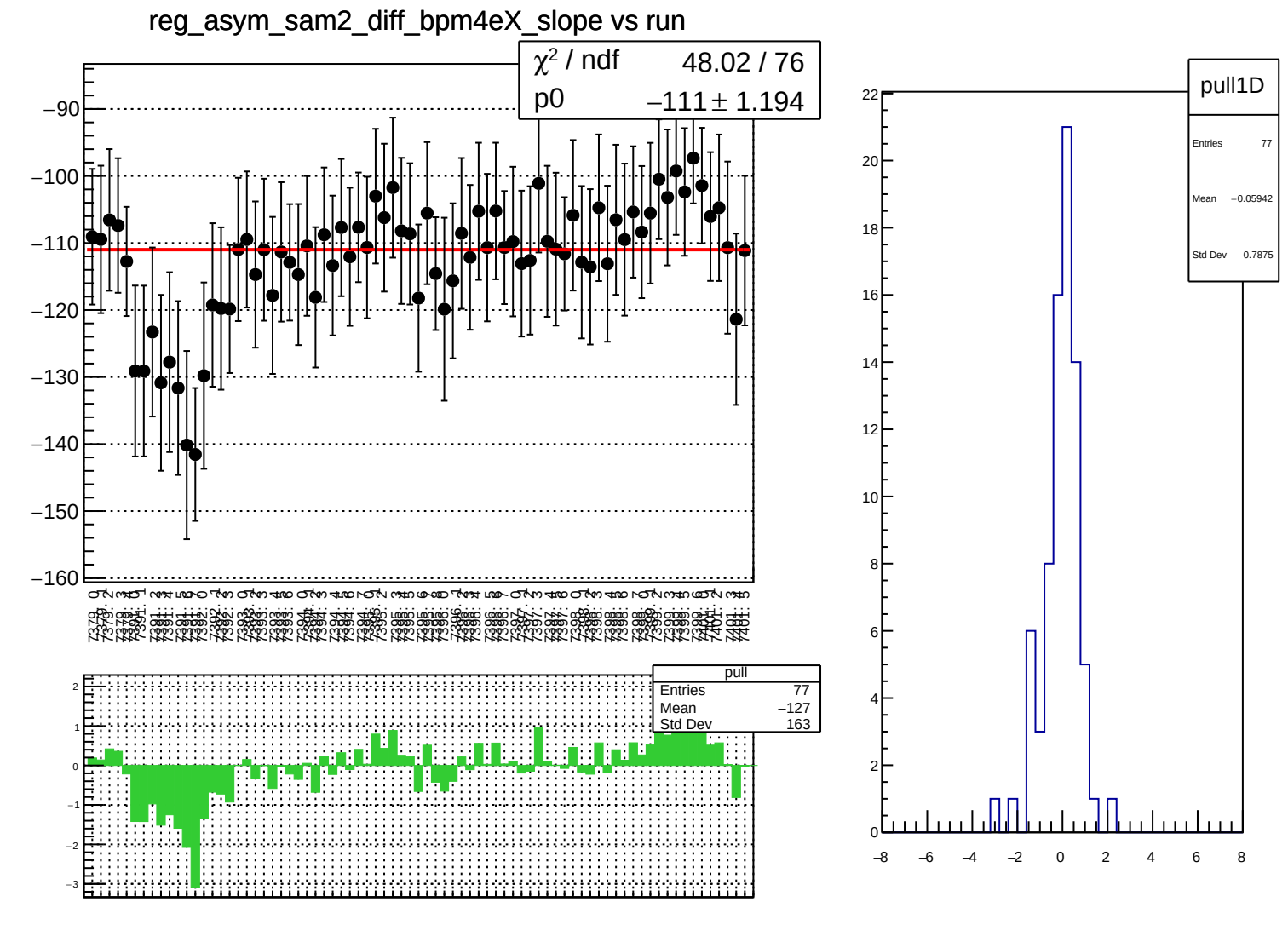

reg_asym_sam1_diff_bpm4eY_slope vs run
χ² / ndf 130.3 / 76
p0 9.418 ± 0.2385
pull
Entries 77
Mean −76.14
Std Dev 150.6

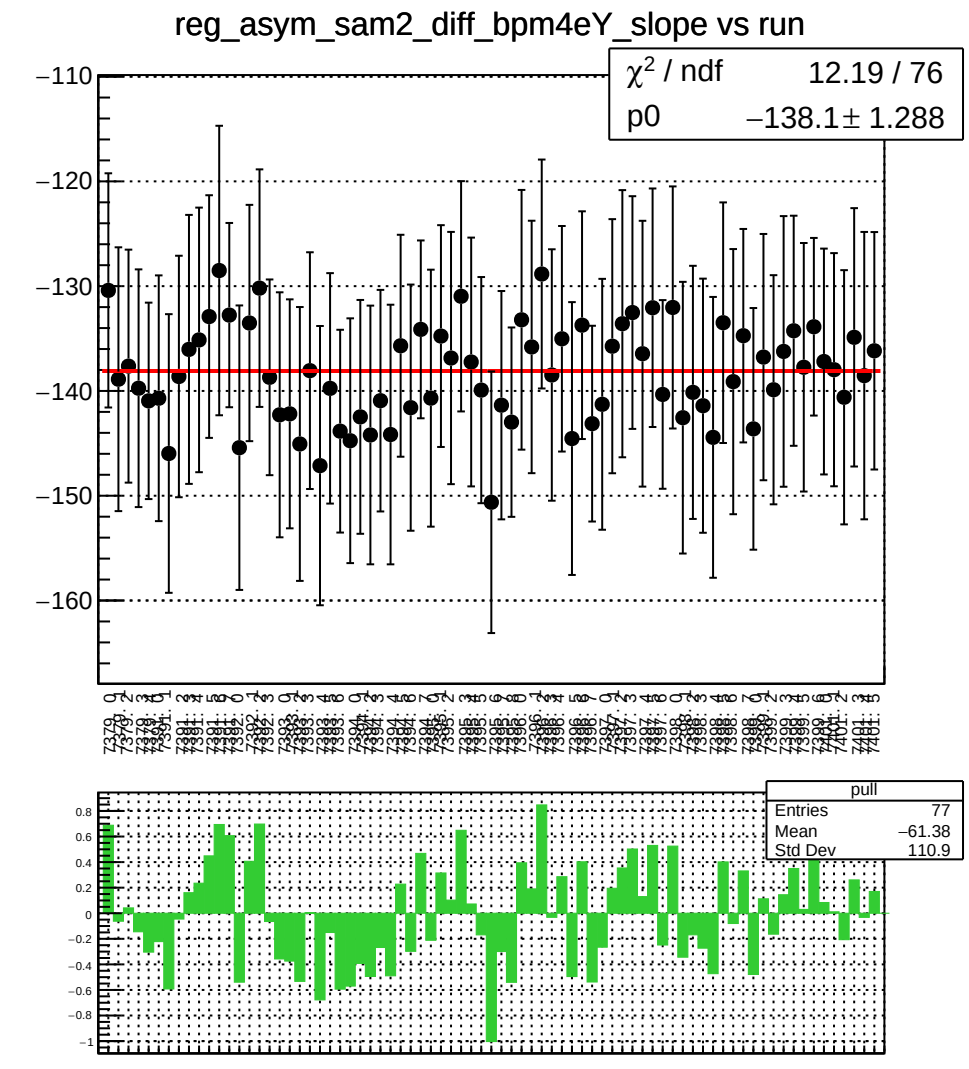

pull1D
Entries 77
Mean −0.02252
Std Dev 1.301

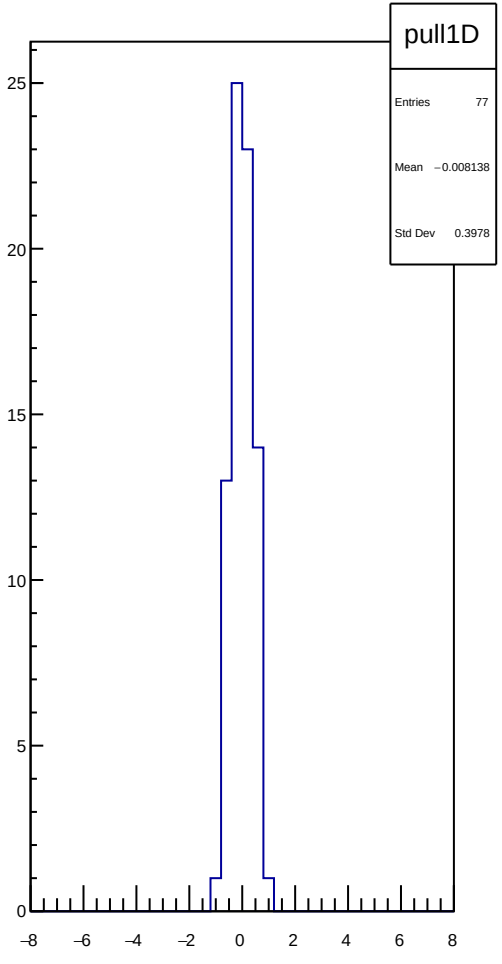

reg_asym_sam1_diff_bpm12X_slope vs run
χ² / ndf 44.74 / 76
p0 0.4548 ± 0.01077
pull
Entries 77
Mean 383.3
Std Dev 339.3
pull1D
Entries 77
Mean 0.01232
Std Dev 0.7622

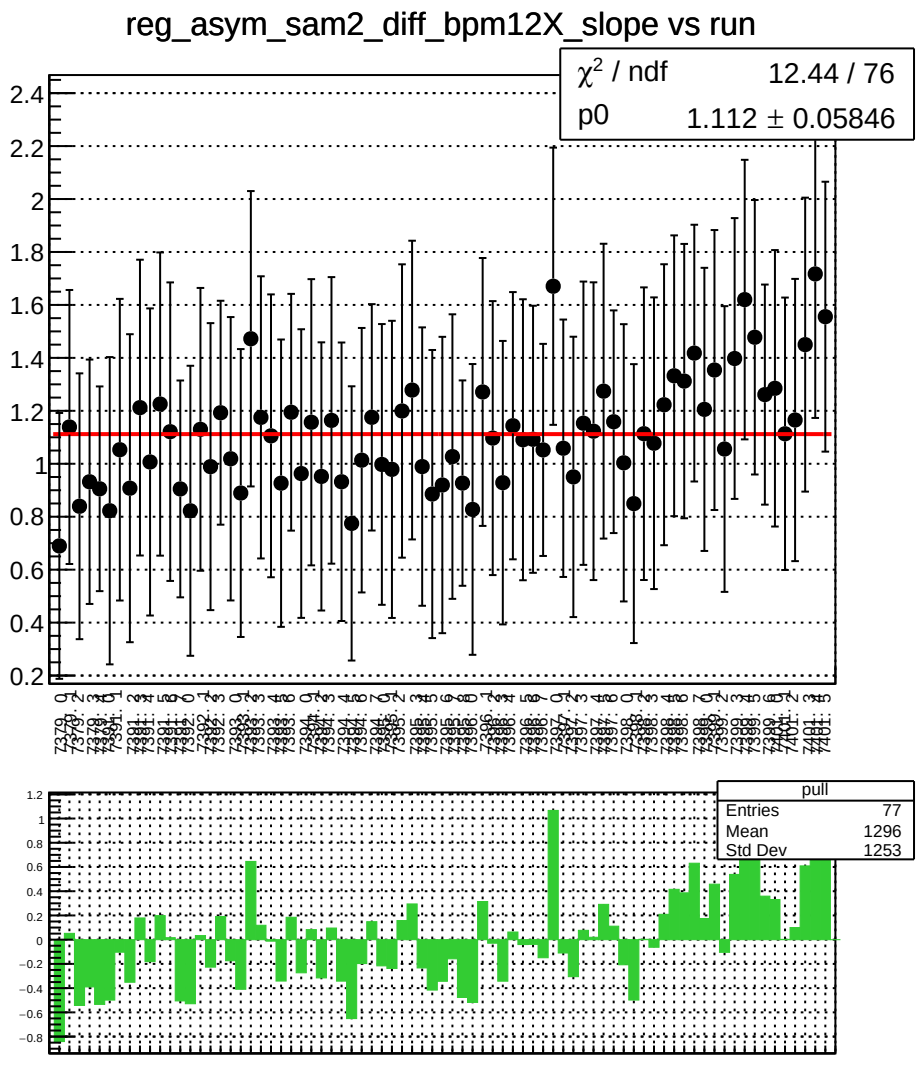

reg_asym_sam2_diff_bpm1X_slope vs run
χ² / ndf 30.32 / 76
p0 −52.57 ± 1.15
pull
Entries 77
Mean −188.3
Std Dev 227.4
pull1D
Entries 77
Mean 0.03721
Std Dev 0.6264

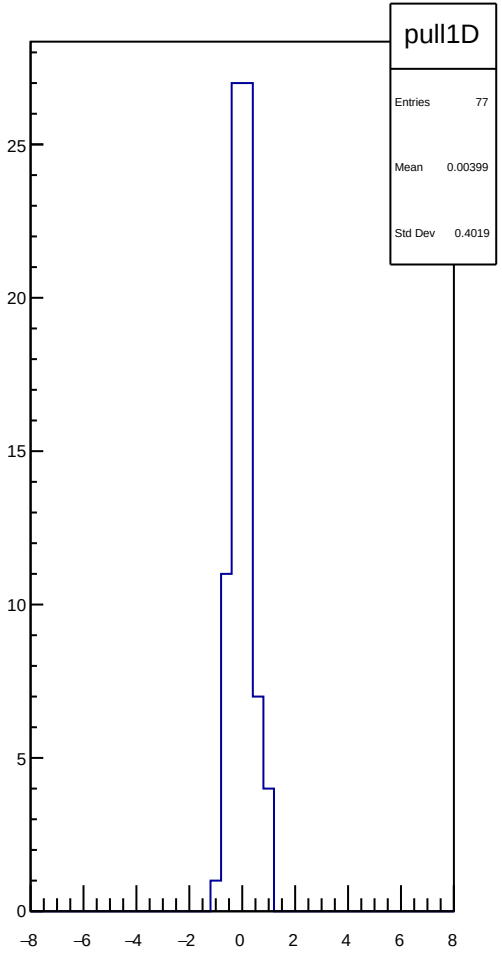

reg_asym_sam2_diff_bpm4aY_slope vs run
χ² / ndf 10.12 / 76
p0 −22.23 ± 1.208
pull
Entries 77
Mean 500.3
Std Dev 472.8
pull1D
Entries 77
Mean 0.0009085
Std Dev 0.3626

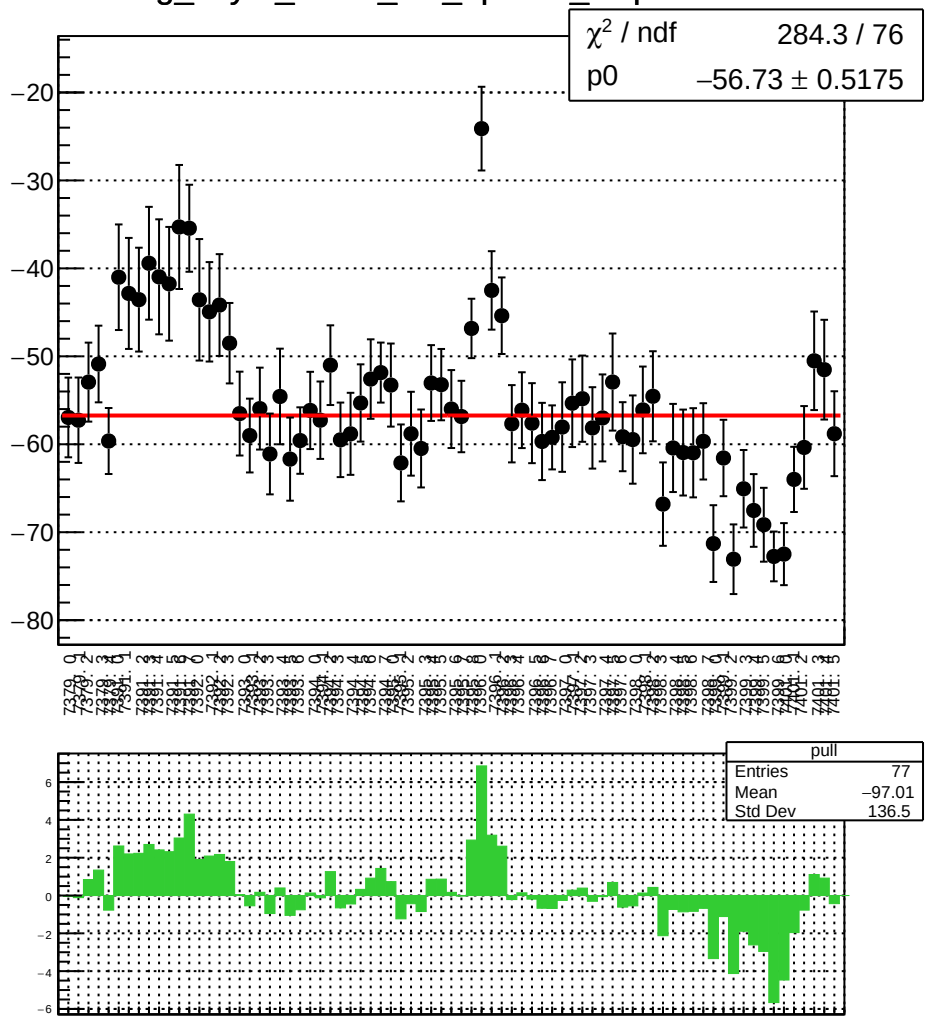

reg_asym_sam2_diff_bpm4eX_slope vs run
χ² / ndf 48.02 / 76
p0 −111 ± 1.194
pull
Entries 77
Mean −127
Std Dev 163
pull1D
Entries 77
Mean −0.05942
Std Dev 0.7875

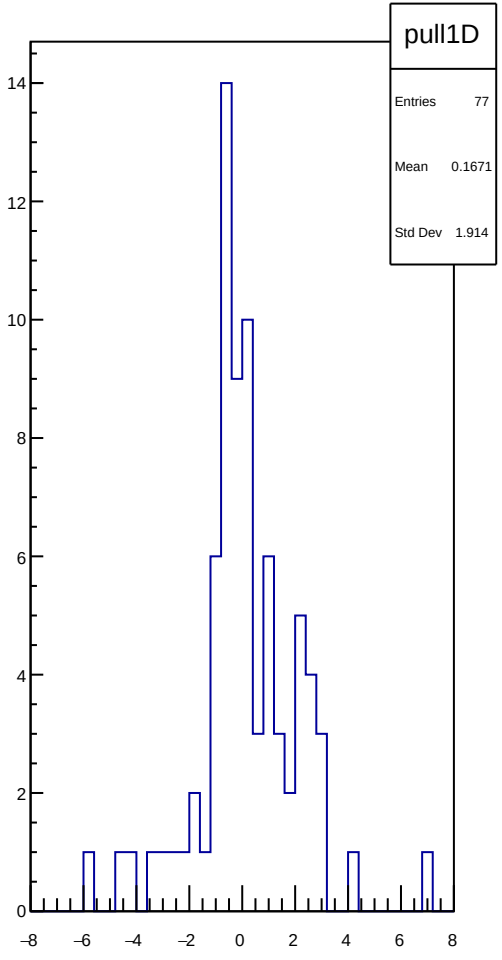

reg_asym_sam2_diff_bpm4eY_slope vs run
χ² / ndf 12.19 / 76
p0 −138.1± 1.288
pull
Entries 77
Mean −61.38
Std Dev 110.9

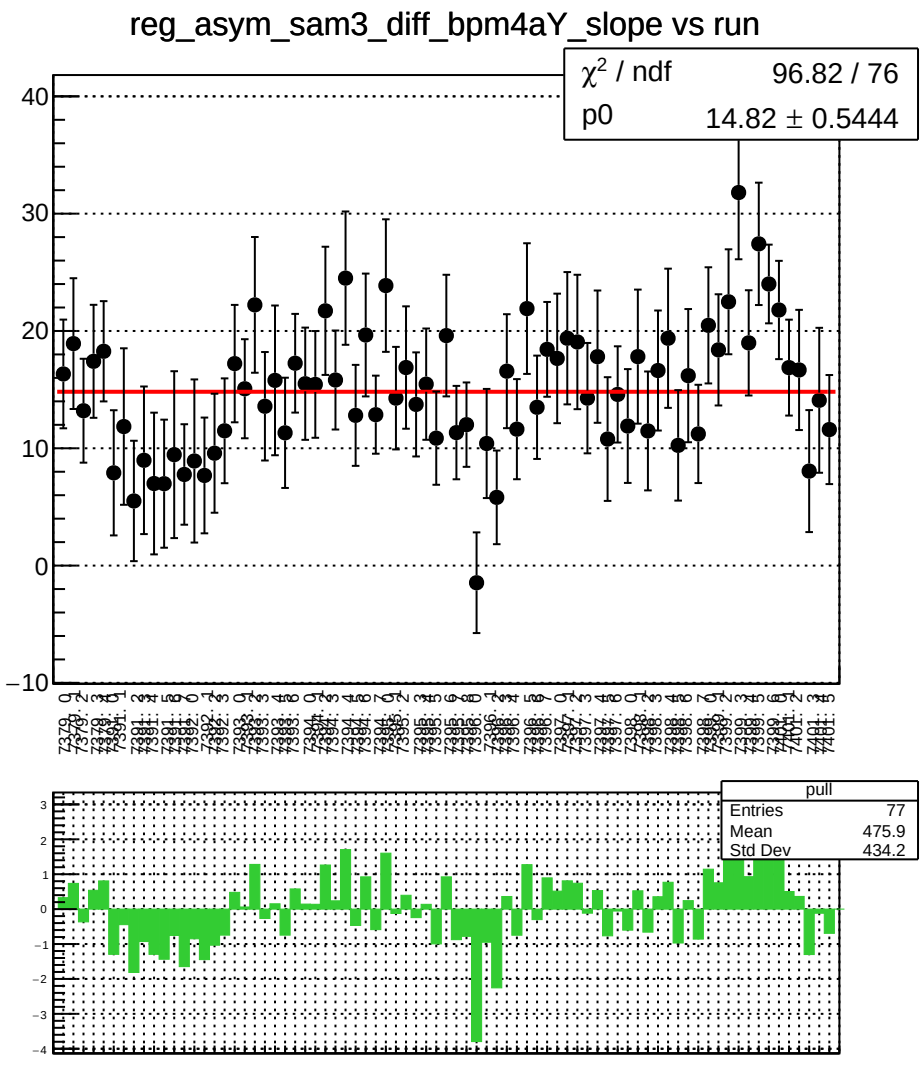

pull1D
Entries 77
Mean −0.008138
Std Dev 0.3978

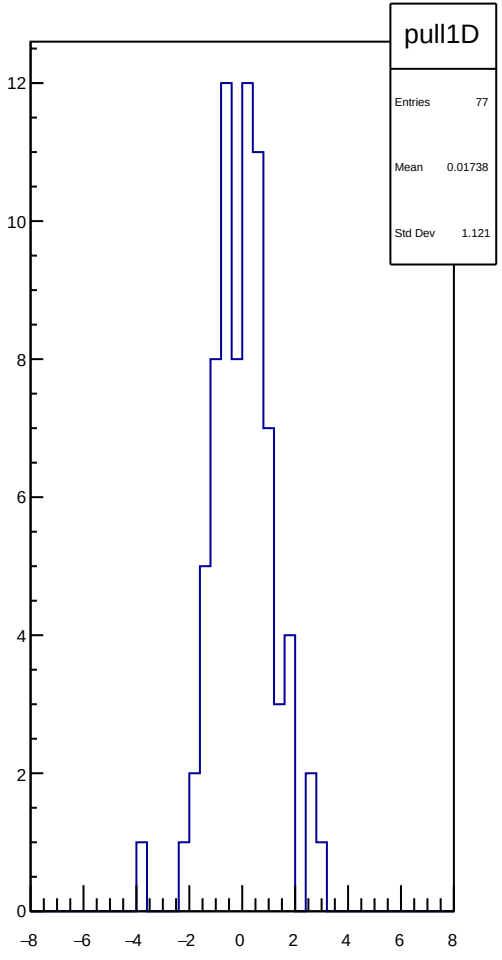

reg_asym_sam2_diff_bpm12X_slope vs run
χ² / ndf 12.44 / 76
p0 1.112 ± 0.05846
pull
Entries 77
Mean 1296
Std Dev 1253

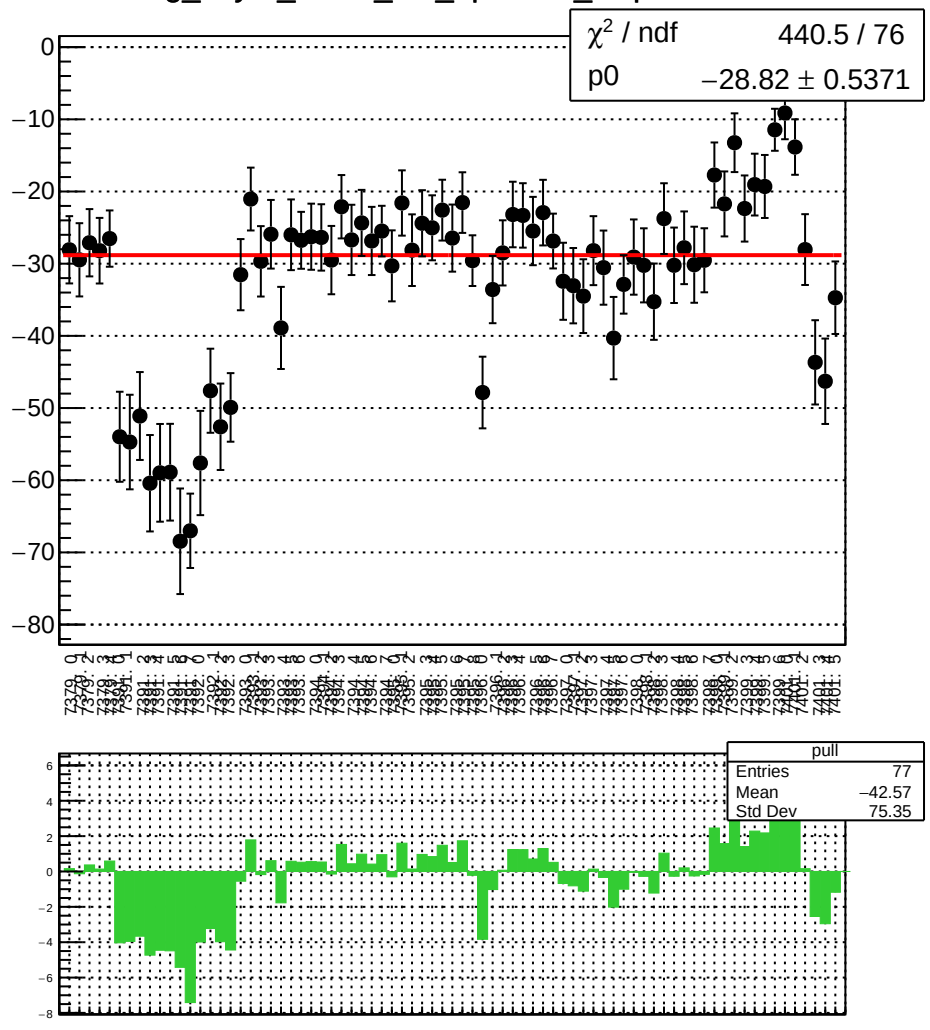

pull1D
Entries 77
Mean 0.00399
Std Dev 0.4019

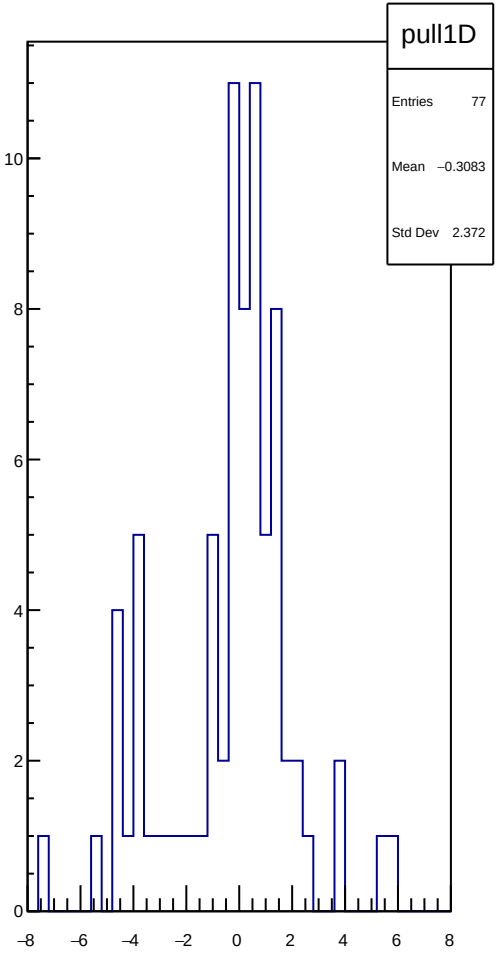

reg_asym_sam3_diff_bpm1X_slope vs run
χ² / ndf 284.3 / 76
p0 −56.73 ± 0.5175
pull
Entries 77
Mean −97.01
Std Dev 136.5

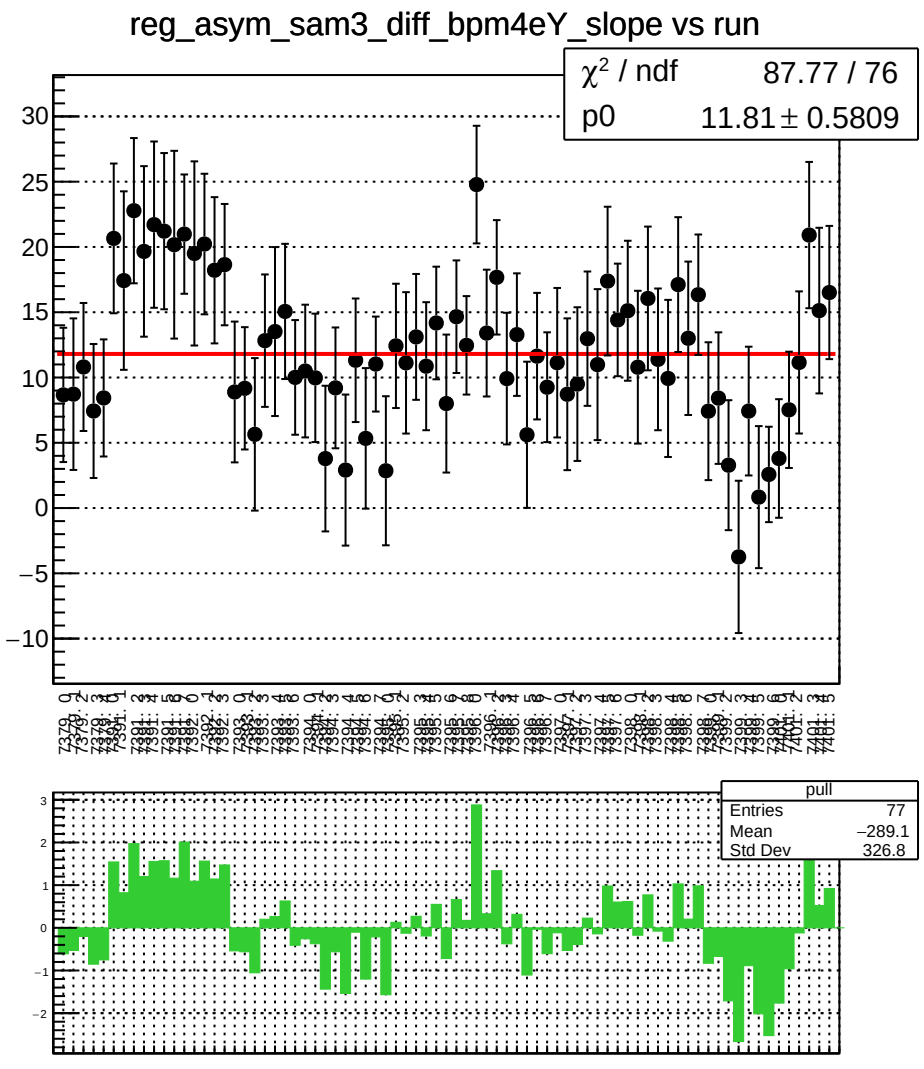

pull1D
Entries 77
Mean 0.1671
Std Dev 1.914

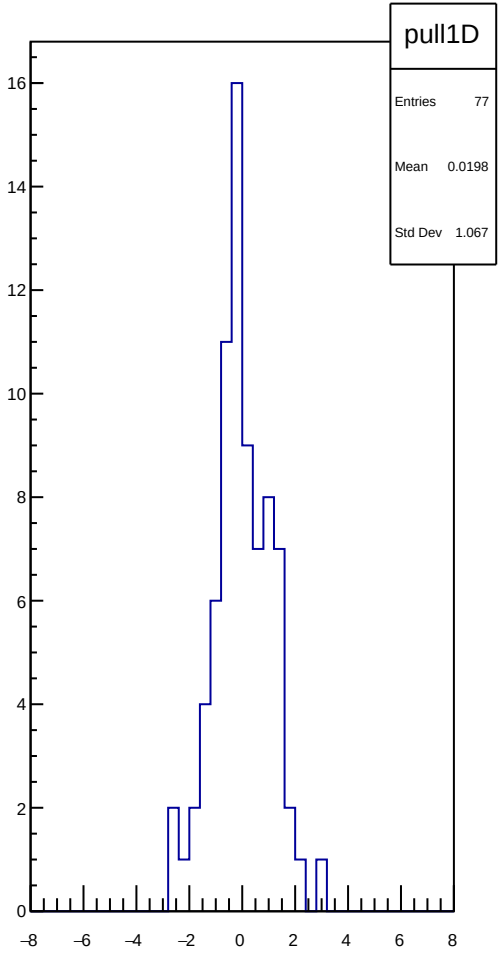

reg_asym_sam3_diff_bpm4aY_slope vs run
χ² / ndf 96.82 / 76
p0 14.82 ± 0.5444
pull
Entries 77
Mean 475.9
Std Dev 434.2

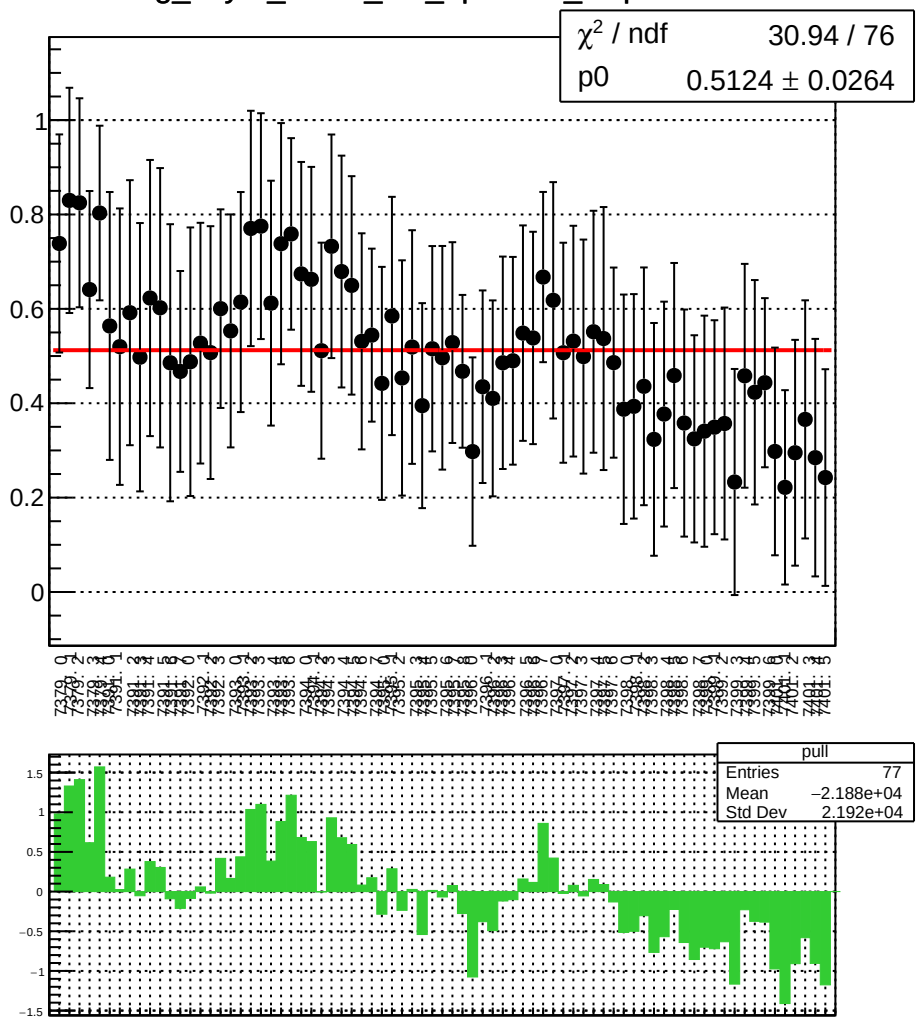

pull1D
Entries 77
Mean 0.01738
Std Dev 1.121

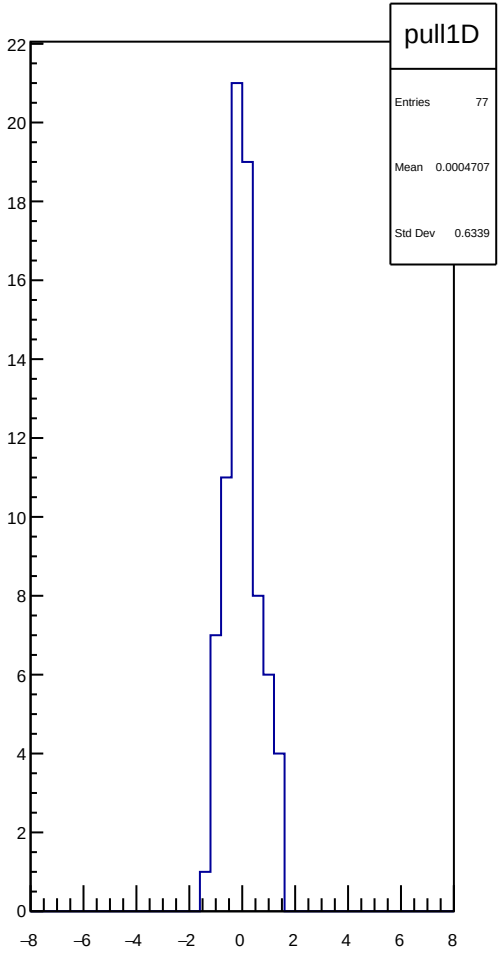

reg_asym_sam3_diff_bpm4eX_slope vs run
χ² / ndf 440.5 / 76
p0 −28.82 ± 0.5371
pull
Entries 77
Mean −42.57
Std Dev 75.35

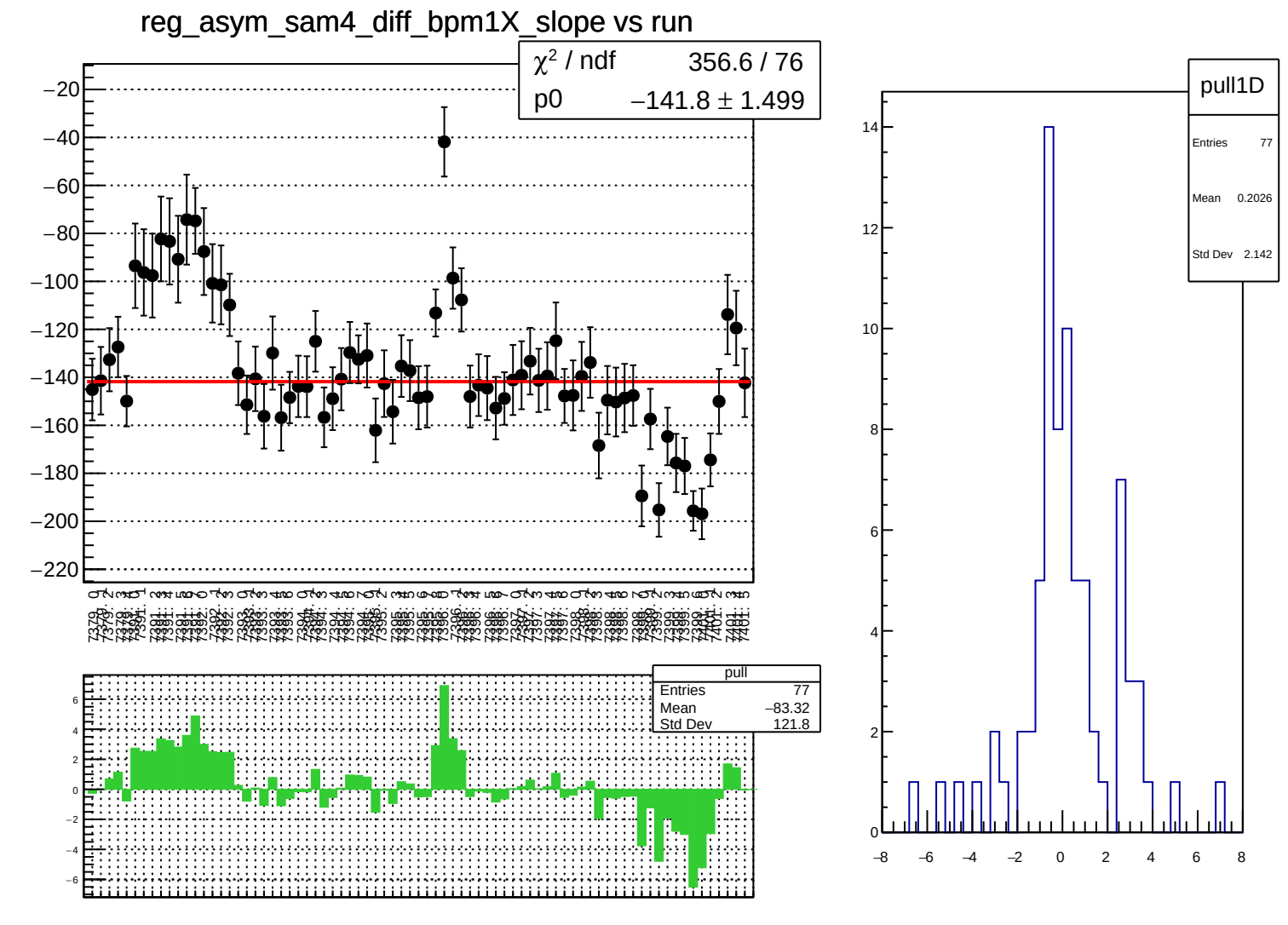

pull1D
Entries 77
Mean −0.3083
Std Dev 2.372

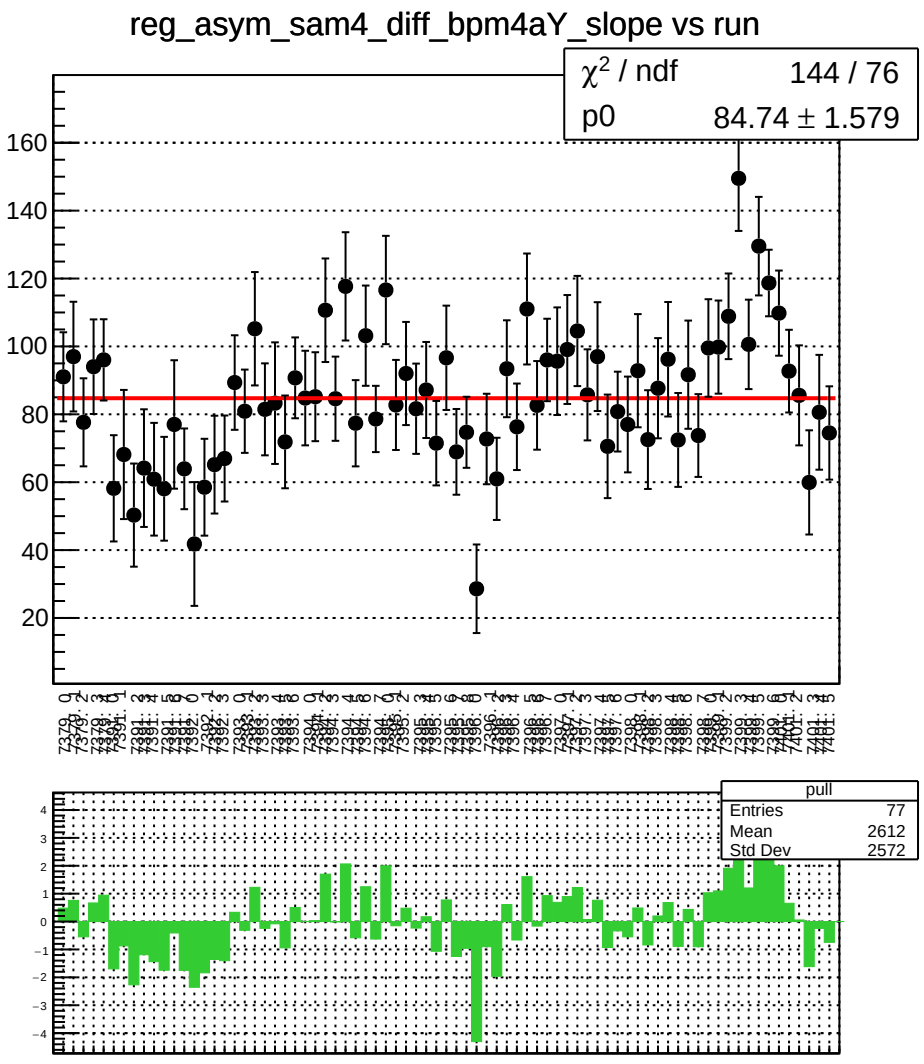

reg_asym_sam3_diff_bpm4eY_slope vs run
χ² / ndf 87.77 / 76
p0 11.81 ± 0.5809
pull
Entries 77
Mean −289.1
Std Dev 326.8

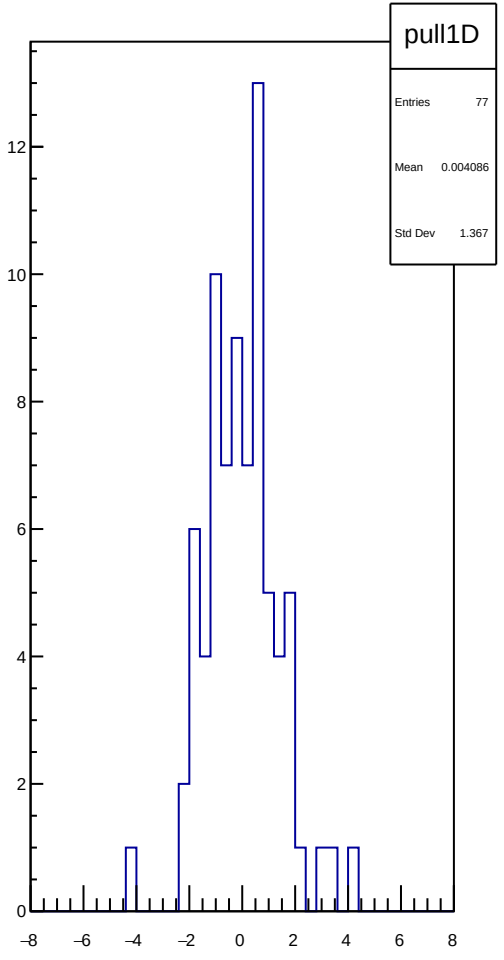

pull1D
Entries 77
Mean 0.0198
Std Dev 1.067

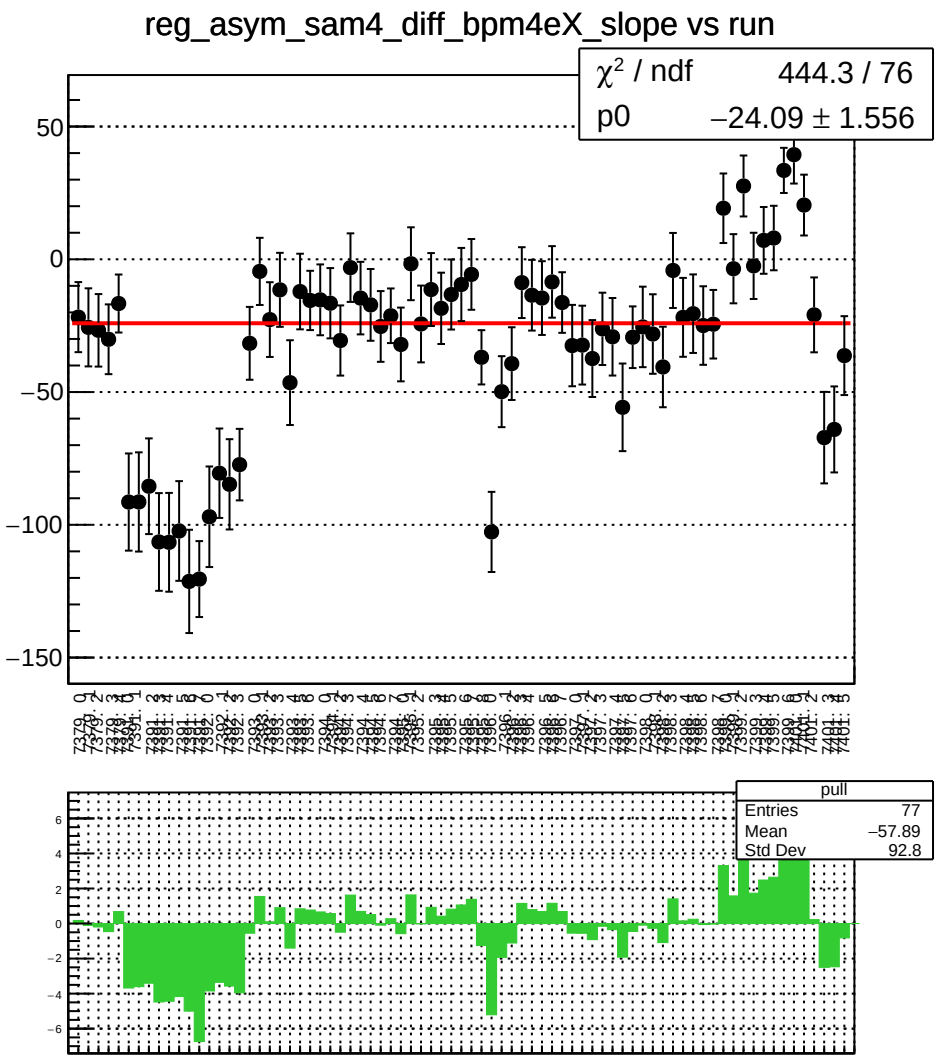

reg_asym_sam3_diff_bpm12X_slope vs run
χ² / ndf 30.94 / 76
p0 0.5124 ± 0.0264
pull
Entries 77
Mean −2.188e+04
Std Dev 2.192e+04

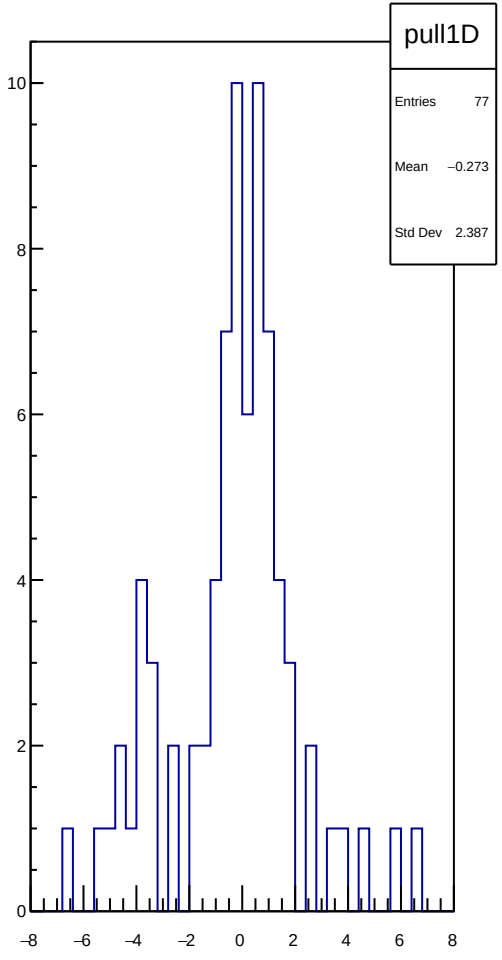

pull1D
Entries 77
Mean 0.0004707
Std Dev 0.6339

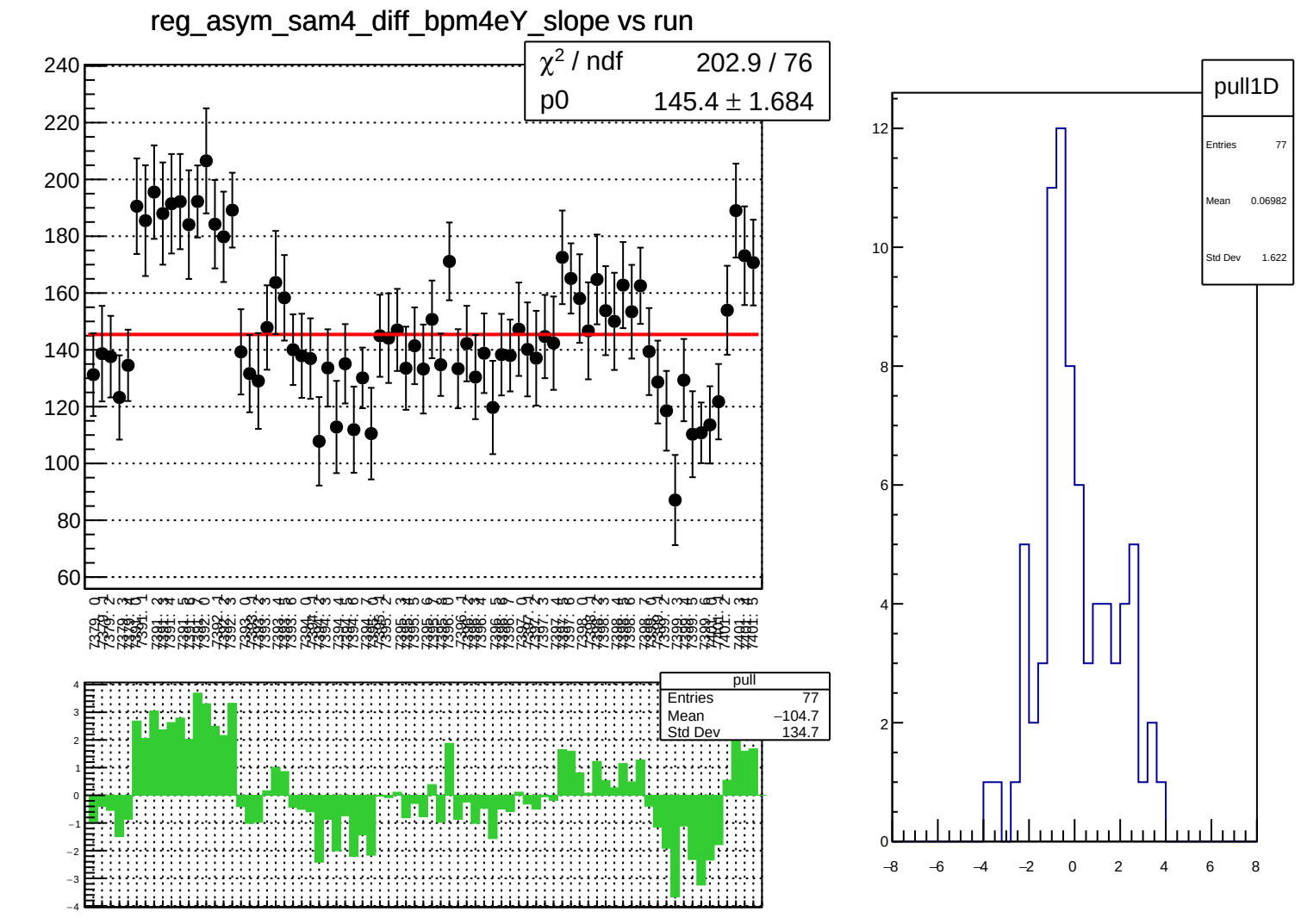

reg_asym_sam4_diff_bpm1X_slope vs run
χ² / ndf 356.6 / 76
p0 −141.8 ± 1.499
pull
Entries 77
Mean −83.32
Std Dev 121.8
pull1D
Entries 77
Mean 0.2026
Std Dev 2.142

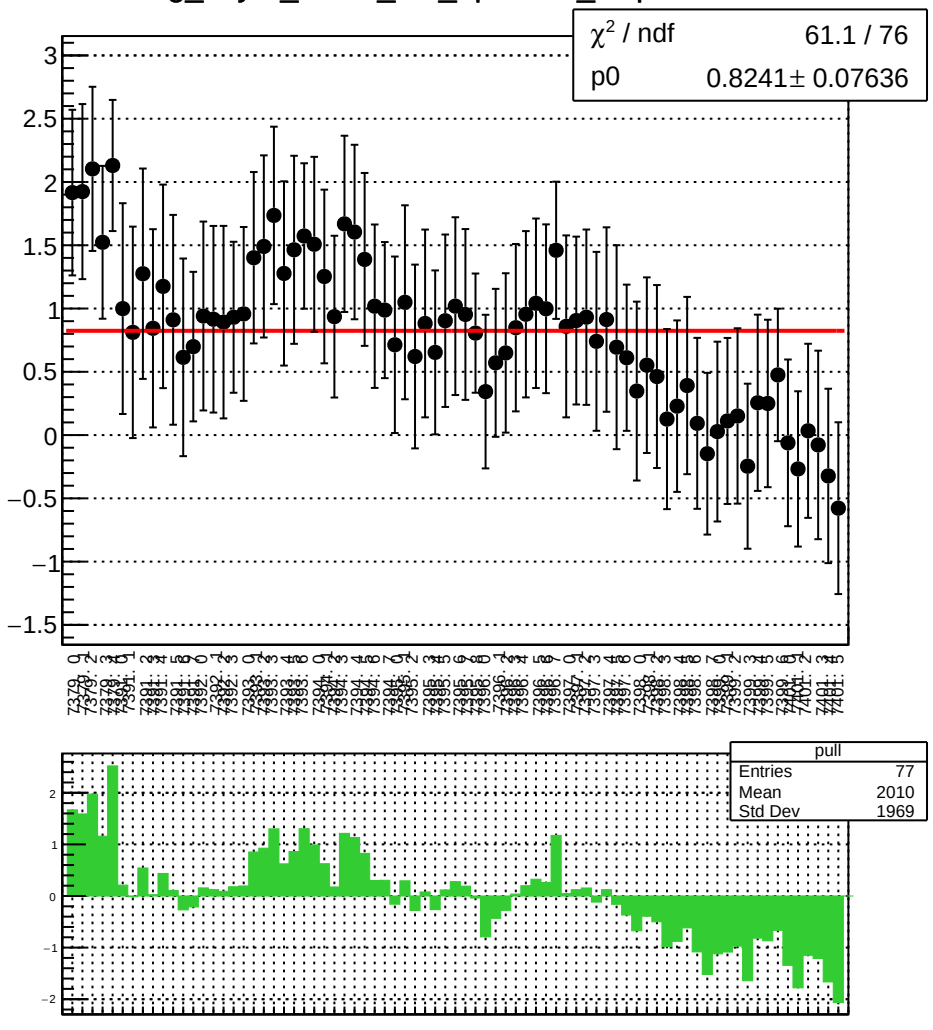

reg_asym_sam4_diff_bpm4aY_slope vs run
χ² / ndf 144 / 76
p0 84.74 ± 1.579
pull
Entries 77
Mean 2612
Std Dev 2572

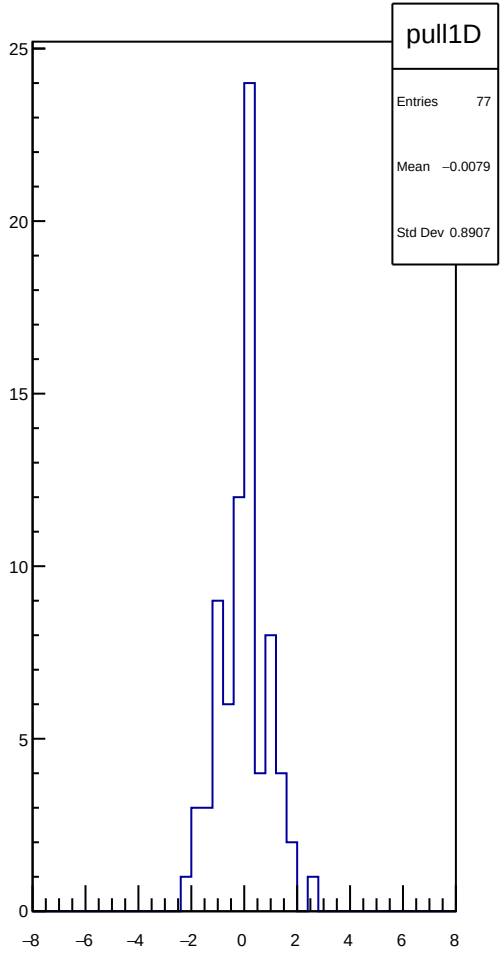

pull1D
Entries 77
Mean 0.004086
Std Dev 1.367

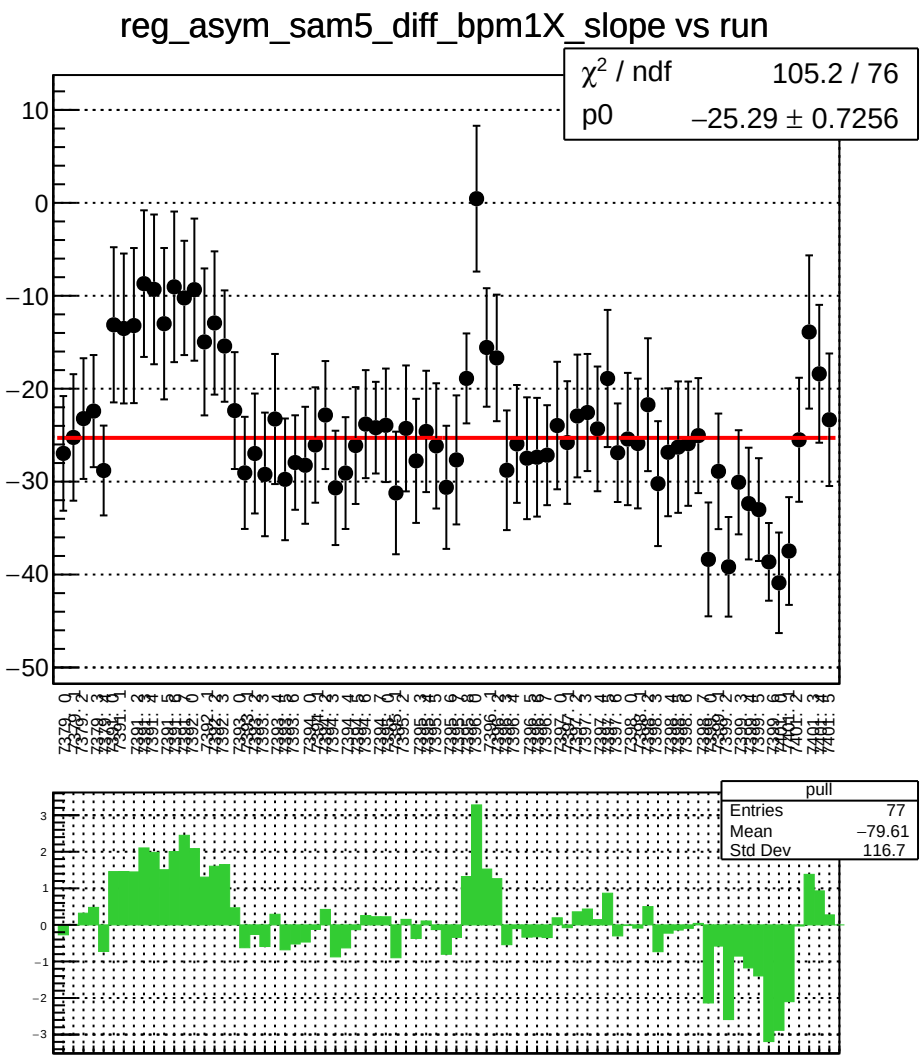

reg_asym_sam4_diff_bpm4eX_slope vs run
χ² / ndf 444.3 / 76
p0 −24.09 ± 1.556
pull
Entries 77
Mean −57.89
Std Dev 92.8

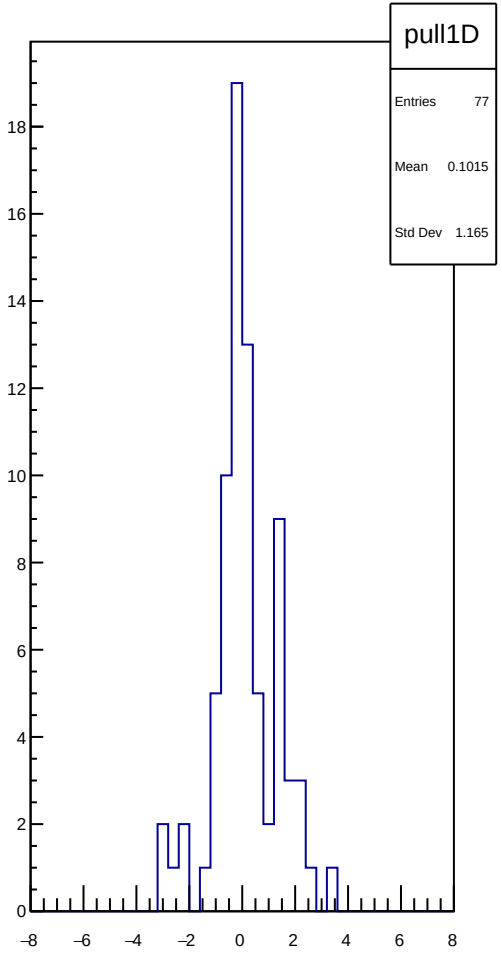

pull1D
Entries 77
Mean −0.273
Std Dev 2.387

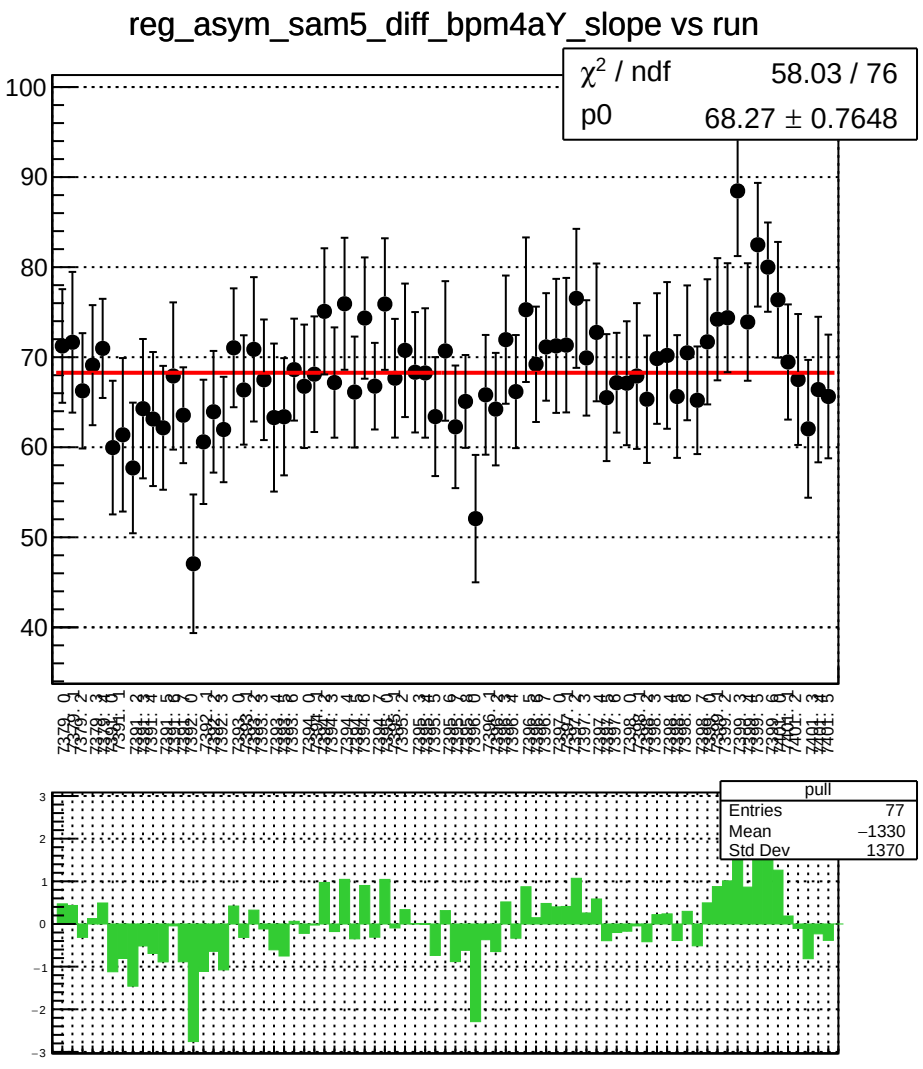

reg_asym_sam4_diff_bpm4eY_slope vs run
χ² / ndf 202.9 / 76
p0 145.4 ± 1.684
pull
Entries 77
Mean −104.7
Std Dev 134.7
pull1D
Entries 77
Mean 0.06982
Std Dev 1.622

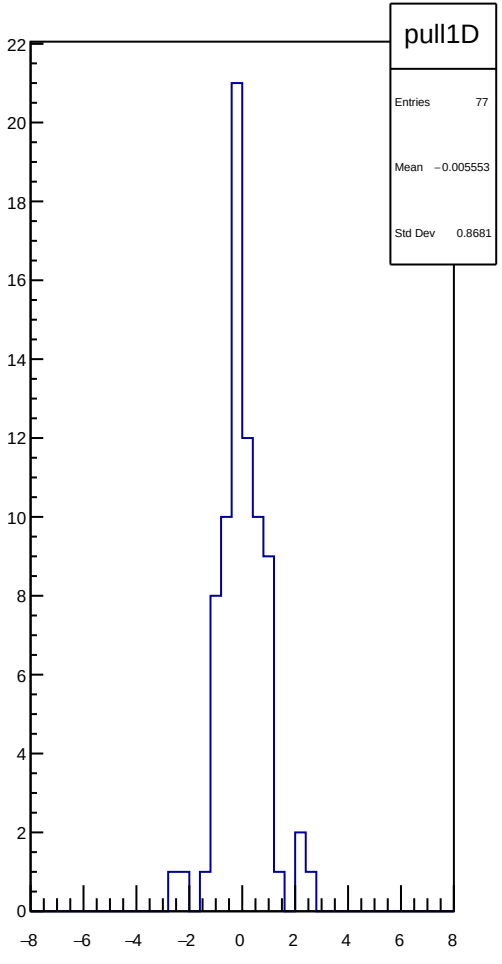

reg_asym_sam4_diff_bpm12X_slope vs run
χ² / ndf 61.1 / 76
p0 0.8241± 0.07636
pull
Entries 77
Mean 2010
Std Dev 1969

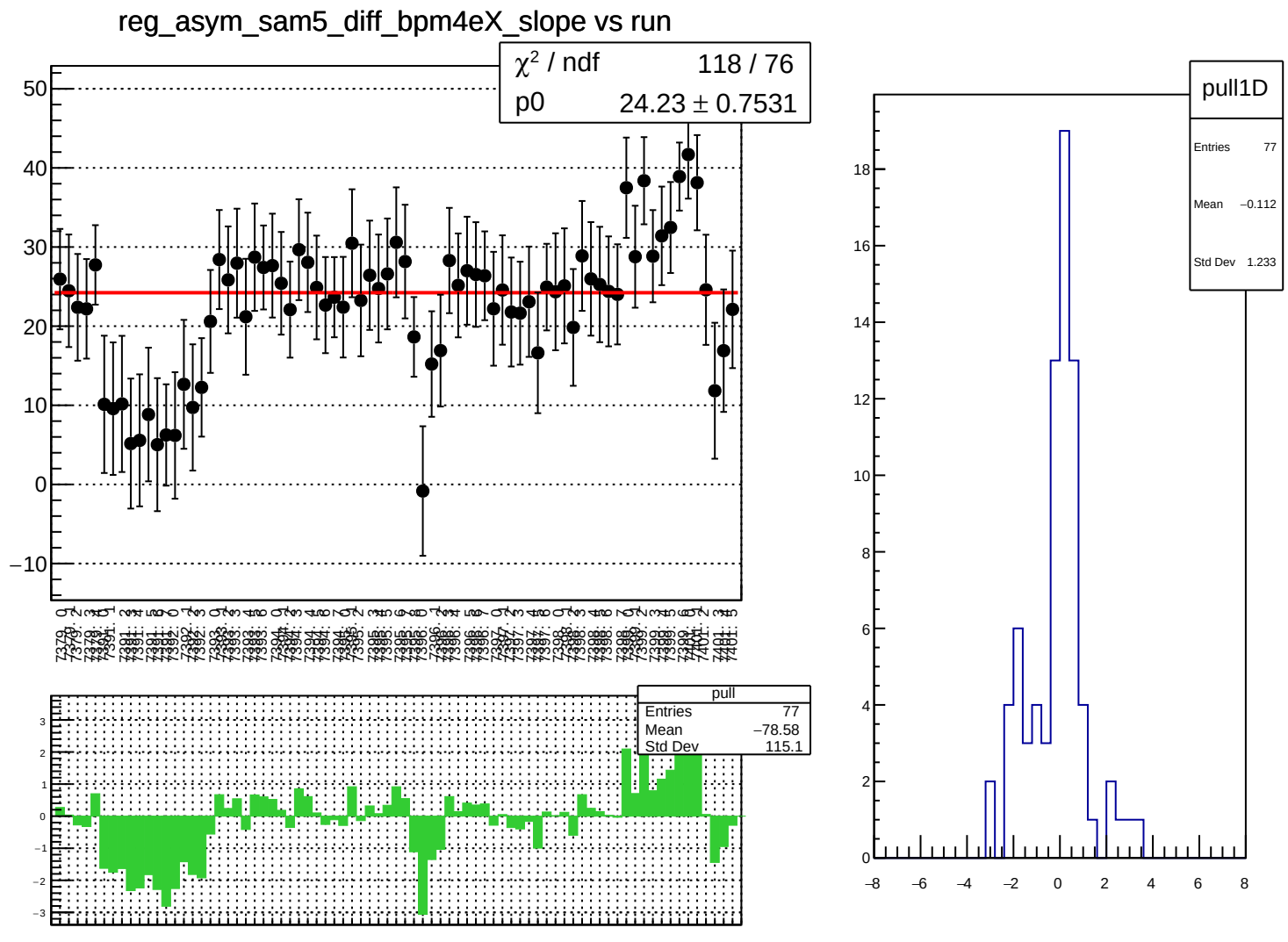

pull1D
Entries 77
Mean −0.0079
Std Dev 0.8907

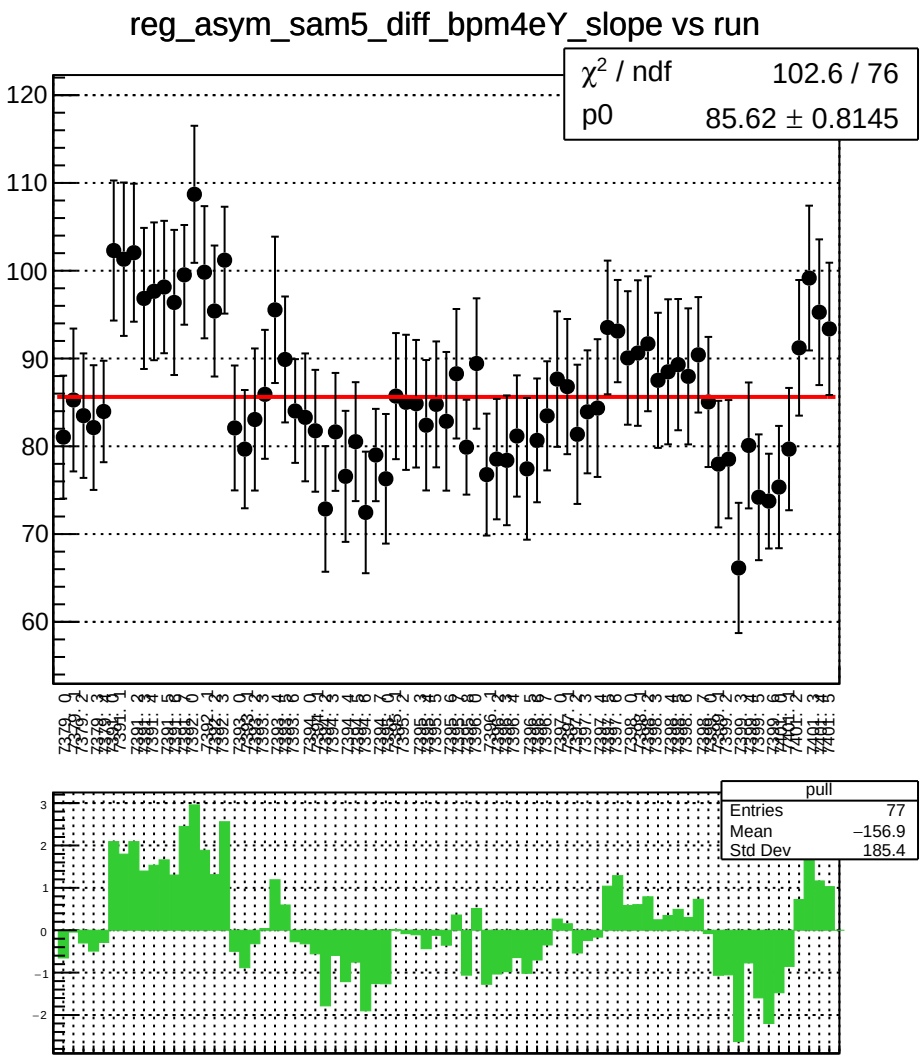

reg_asym_sam5_diff_bpm1X_slope vs run
χ² / ndf 105.2 / 76
p0 −25.29 ± 0.7256
pull
Entries 77
Mean −79.61
Std Dev 116.7

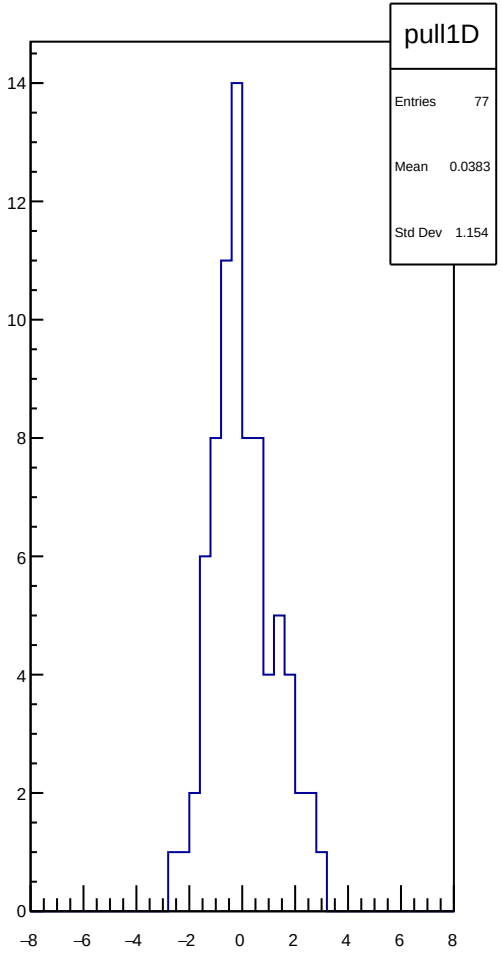

pull1D
Entries 77
Mean 0.1015
Std Dev 1.165

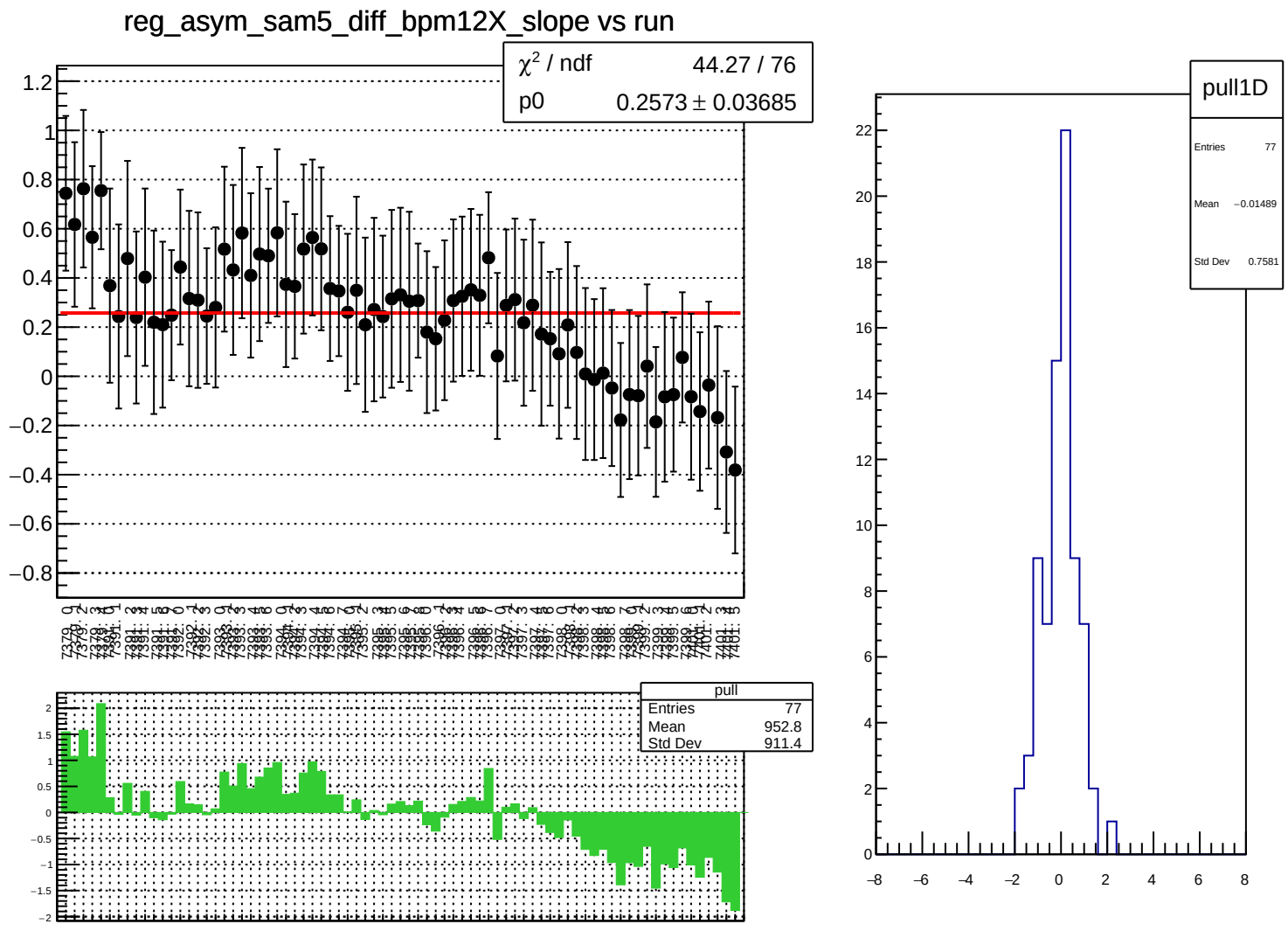

reg_asym_sam5_diff_bpm4aY_slope vs run
χ² / ndf 58.03 / 76
p0 68.27 ± 0.7648
pull
Entries 77
Mean −1330
Std Dev 1370

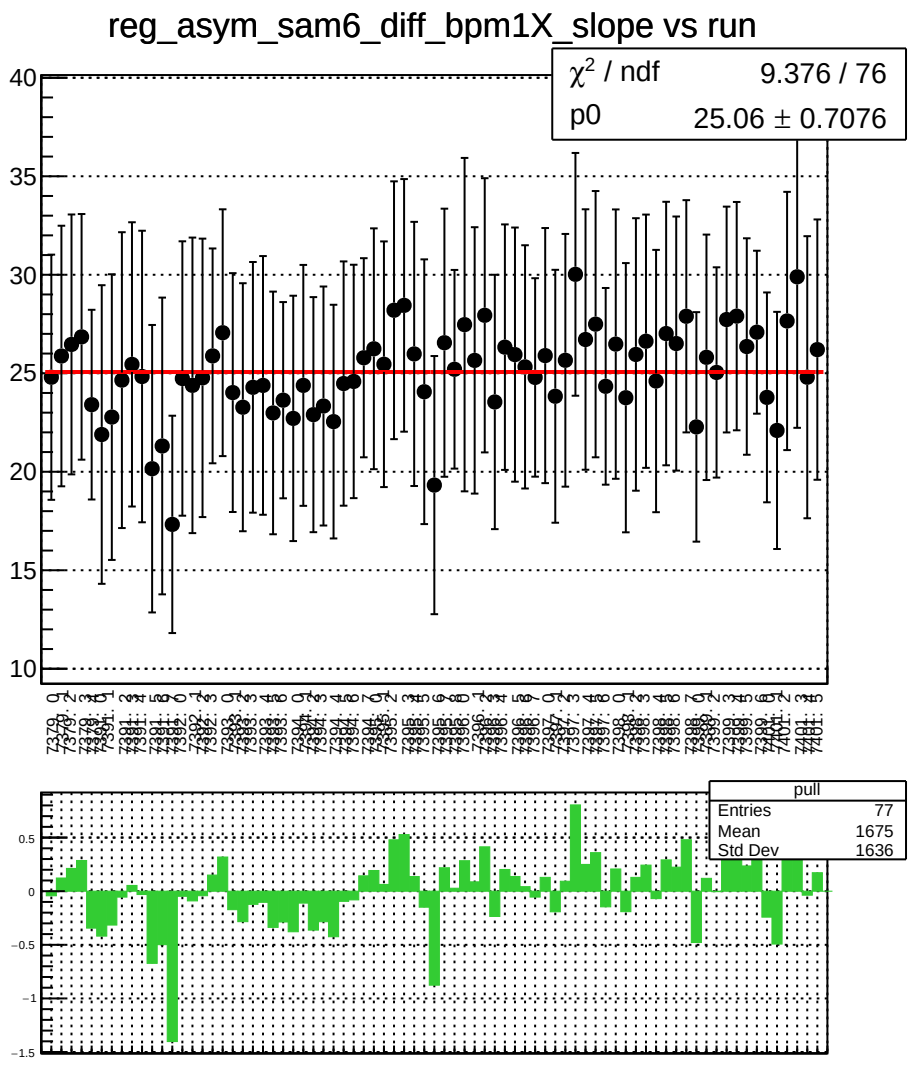

pull1D
Entries 77
Mean −0.005553
Std Dev 0.8681

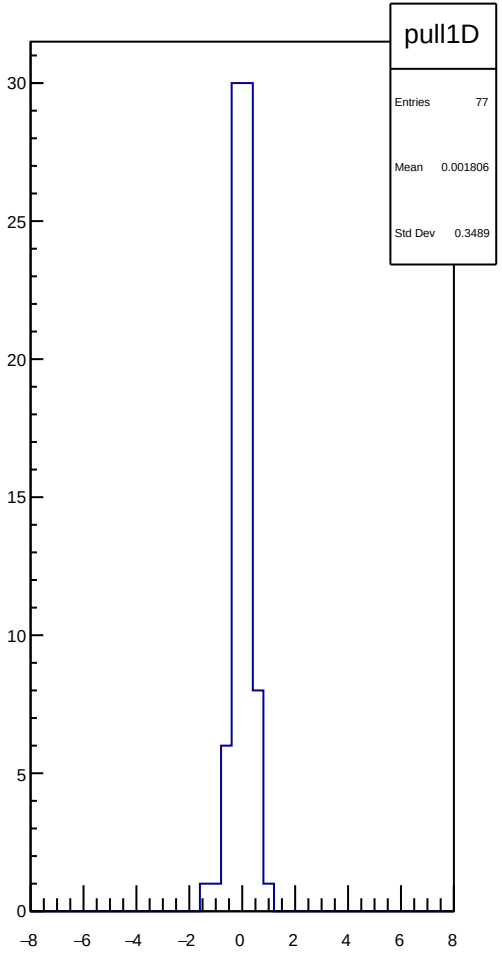

reg_asym_sam5_diff_bpm4eX_slope vs run
χ² / ndf 118 / 76
p0 24.23 ± 0.7531
pull
Entries 77
Mean −78.58
Std Dev 115.1
pull1D
Entries 77
Mean −0.112
Std Dev 1.233

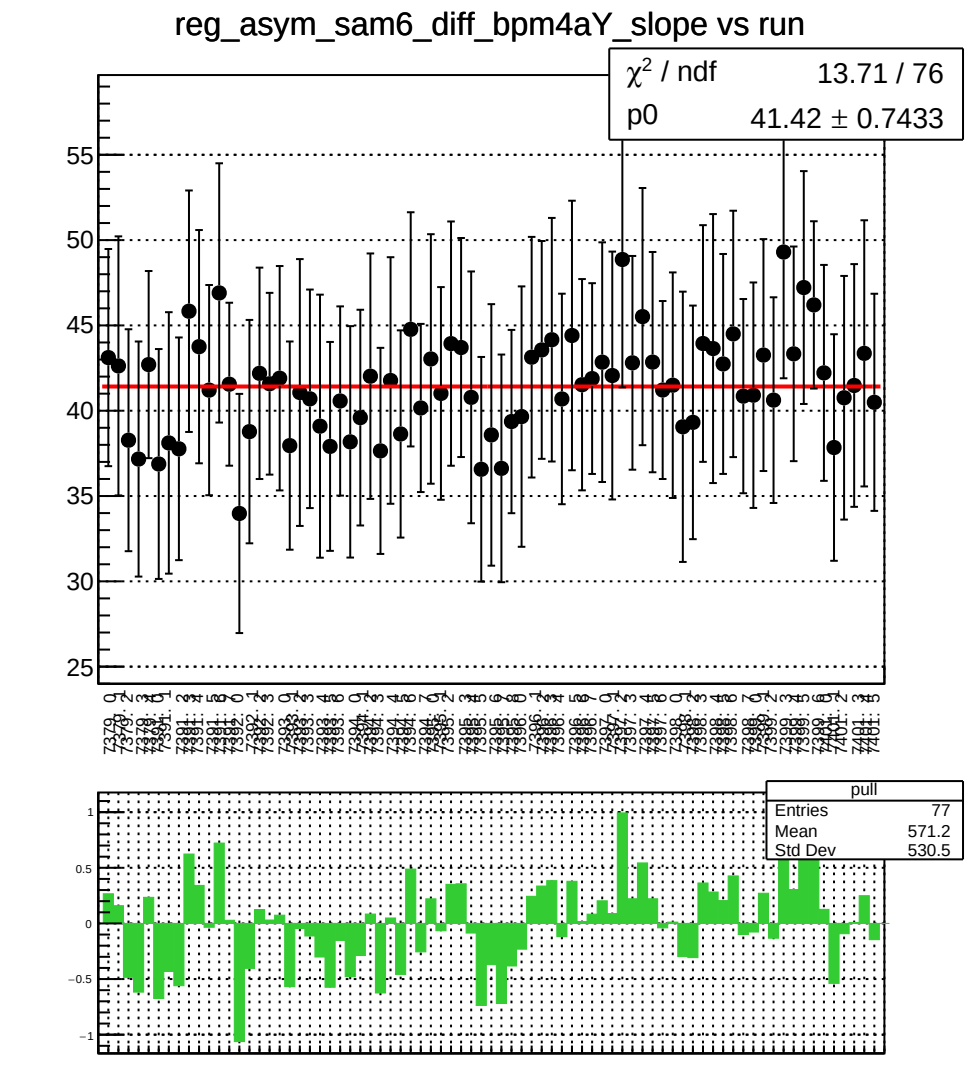

reg_asym_sam5_diff_bpm4eY_slope vs run
χ² / ndf 102.6 / 76
p0 85.62 ± 0.8145
pull
Entries 77
Mean −156.9
Std Dev 185.4

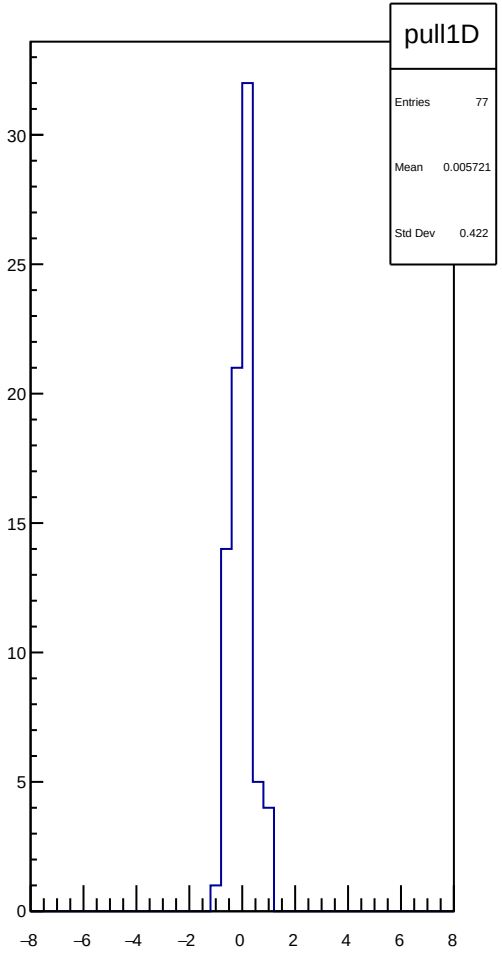

pull1D
Entries 77
Mean 0.0383
Std Dev 1.154

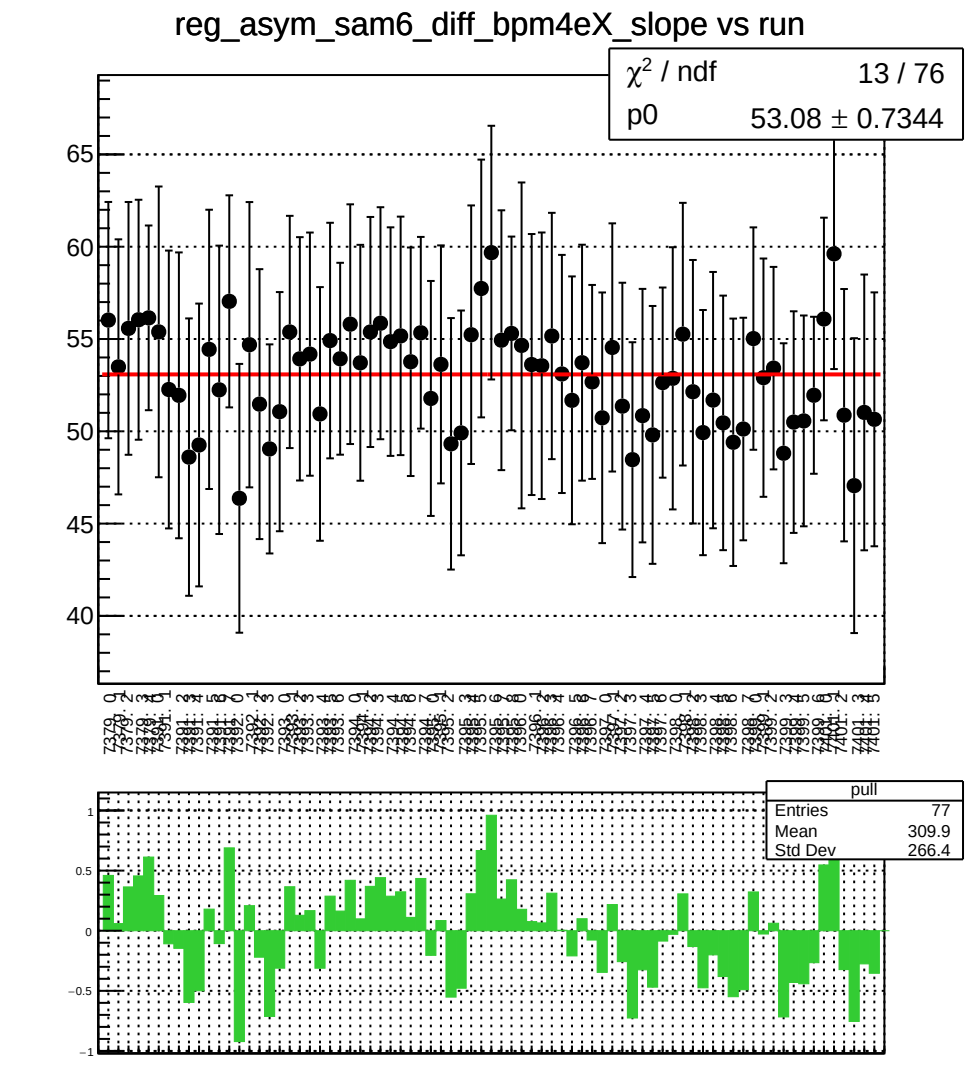

reg_asym_sam5_diff_bpm12X_slope vs run
χ² / ndf 44.27 / 76
p0 0.2573 ± 0.03685
pull
Entries 77
Mean 952.8
Std Dev 911.4
pull1D
Entries 77
Mean −0.01489
Std Dev 0.7581

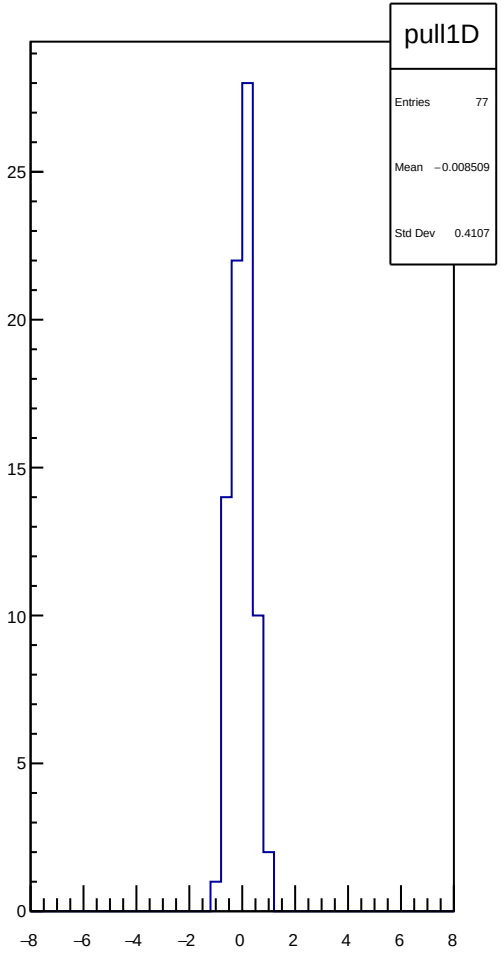

reg_asym_sam6_diff_bpm1X_slope vs run
χ² / ndf 9.376 / 76
p0 25.06 ± 0.7076
pull
Entries 77
Mean 1675
Std Dev 1636

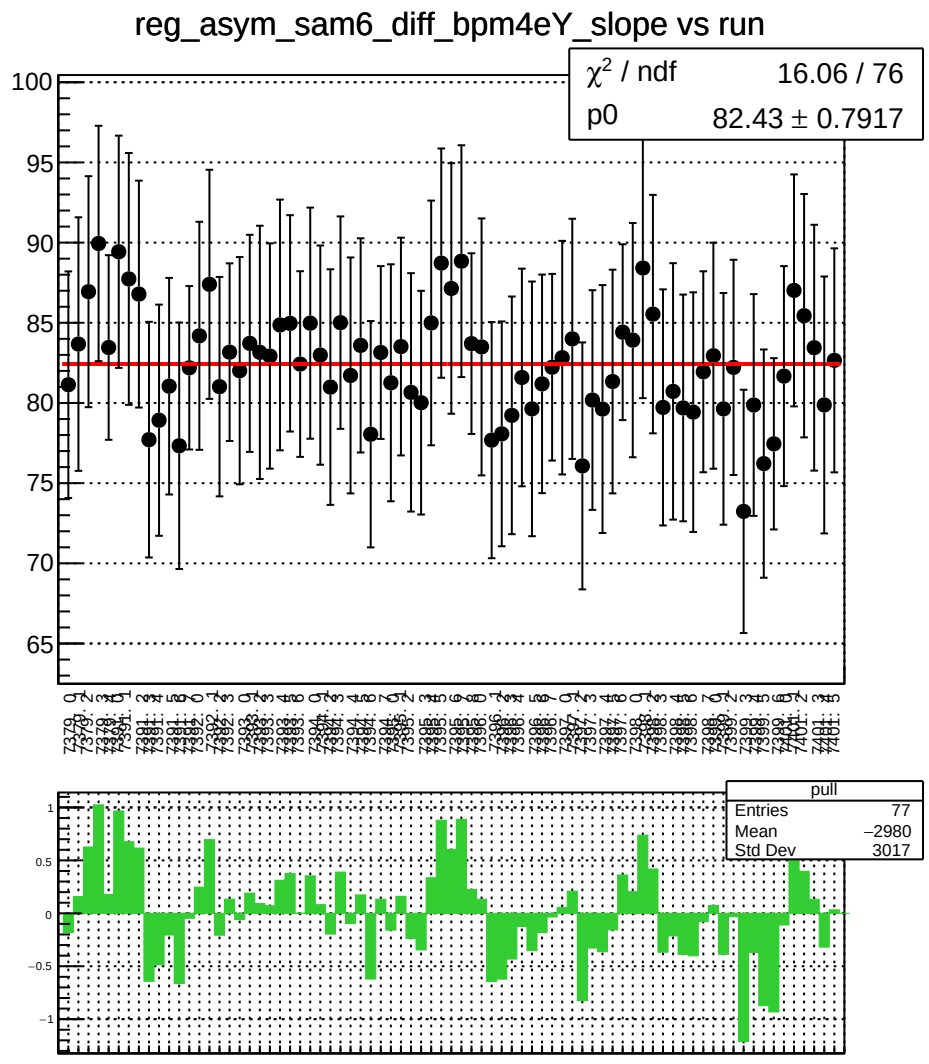

pull1D
Entries 77
Mean 0.001806
Std Dev 0.3489

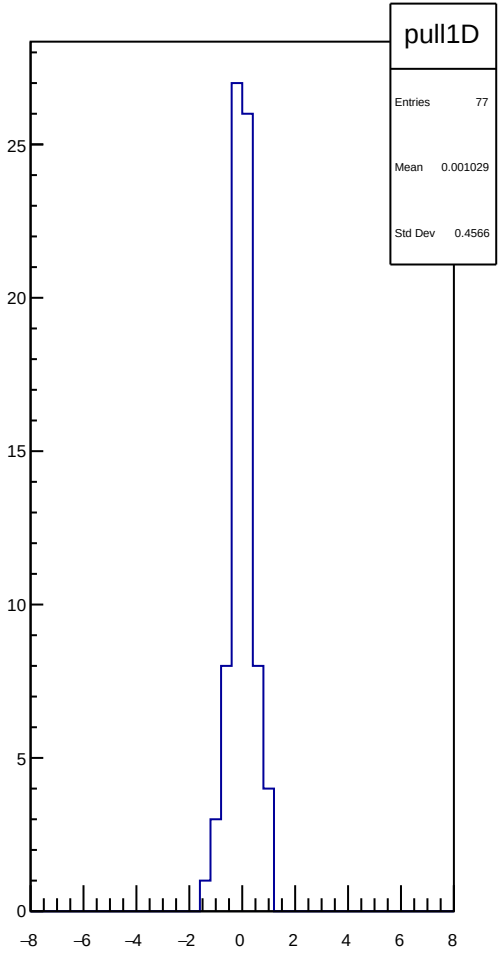

reg_asym_sam6_diff_bpm4aY_slope vs run
χ² / ndf 13.71 / 76
p0 41.42 ± 0.7433
pull
Entries 77
Mean 571.2
Std Dev 530.5

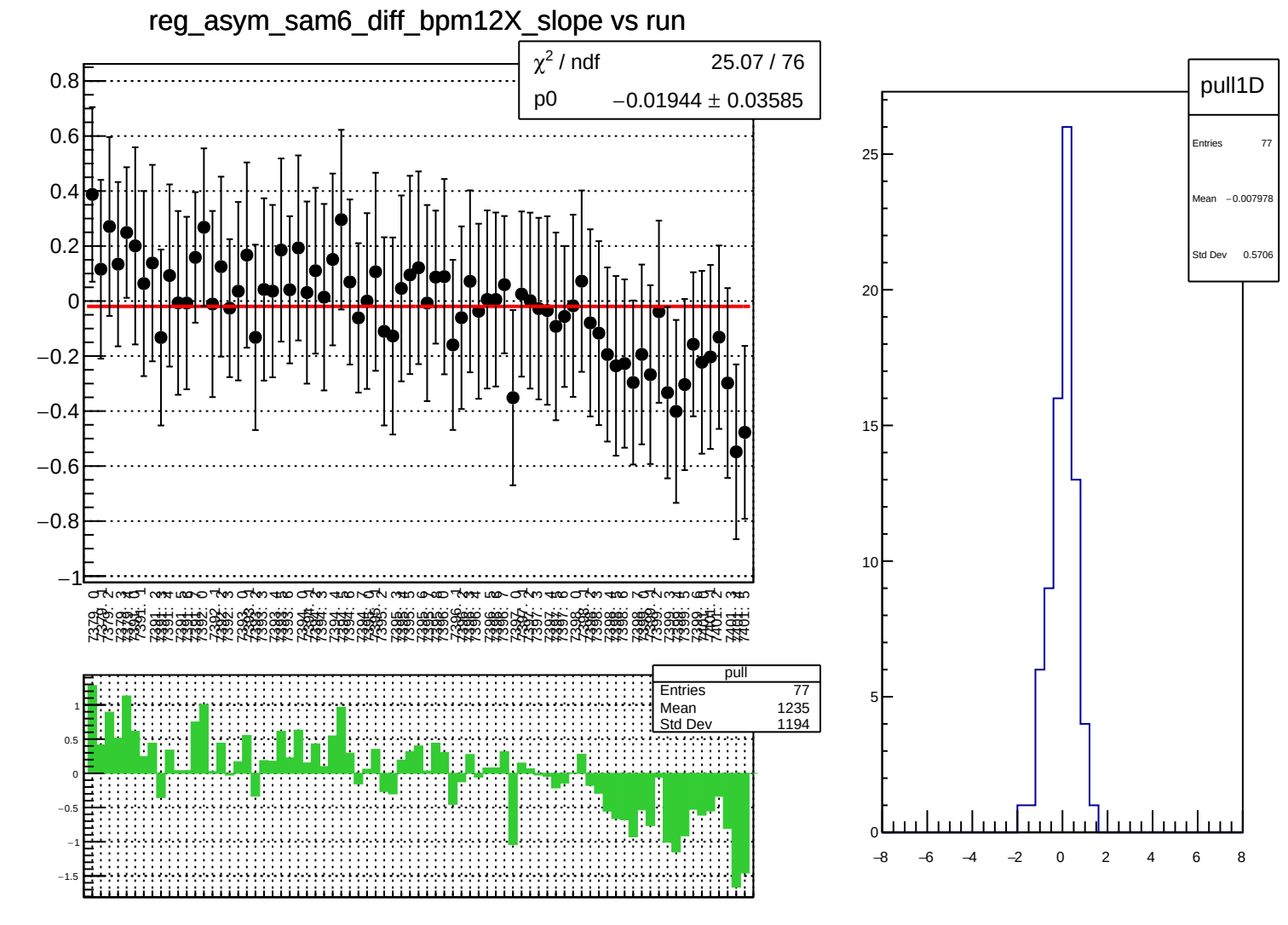

pull1D
Entries 77
Mean 0.005721
Std Dev 0.422

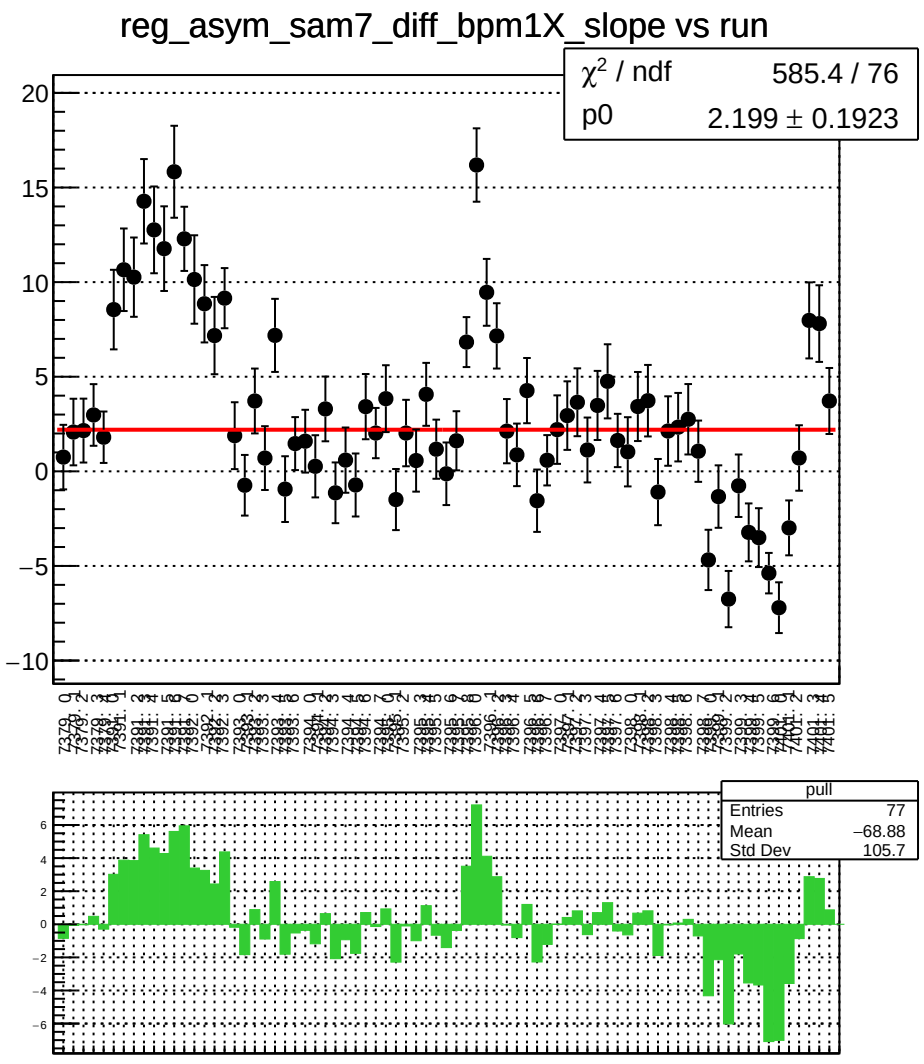

reg_asym_sam6_diff_bpm4eX_slope vs run
χ² / ndf 13 / 76
p0 53.08 ± 0.7344
pull
Entries 77
Mean 309.9
Std Dev 266.4

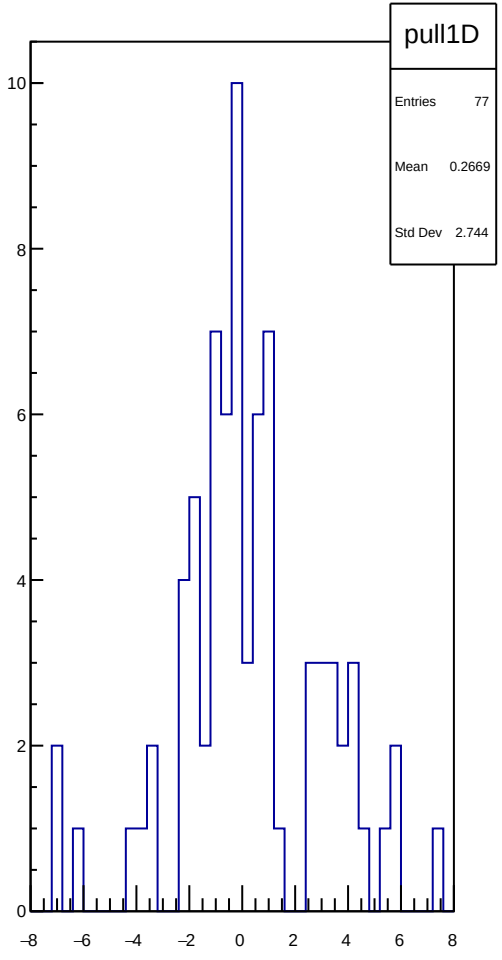

pull1D
Entries 77
Mean −0.008509
Std Dev 0.4107

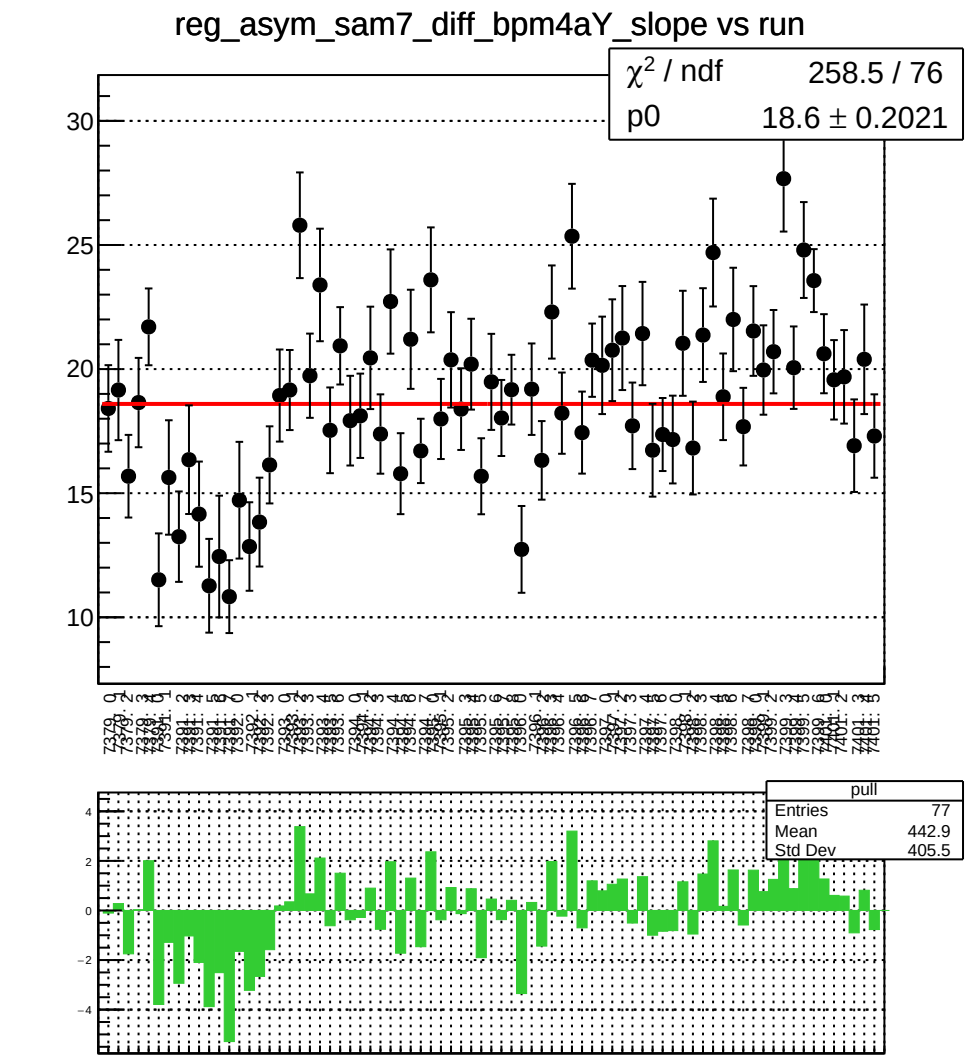

reg_asym_sam6_diff_bpm4eY_slope vs run
χ² / ndf 16.06 / 76
p0 82.43 ± 0.7917
pull
Entries 77
Mean −2980
Std Dev 3017

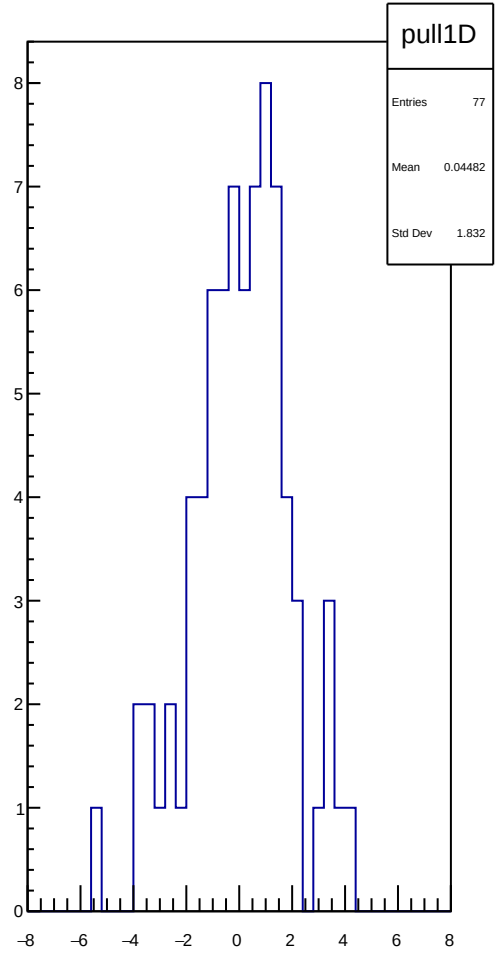

pull1D
Entries 77
Mean 0.001029
Std Dev 0.4566

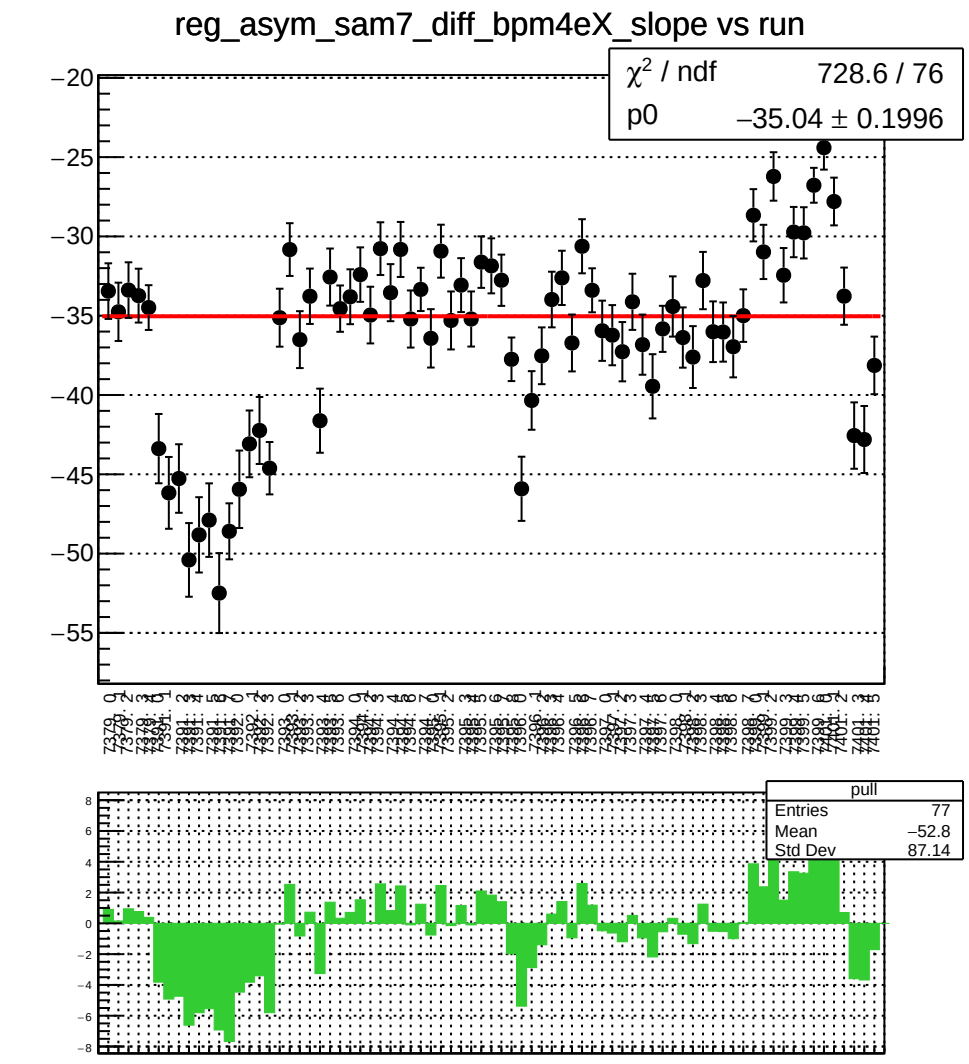

reg_asym_sam6_diff_bpm12X_slope vs run
χ² / ndf 25.07 / 76
p0 −0.01944 ± 0.03585
pull
Entries 77
Mean 1235
Std Dev 1194
pull1D
Entries 77
Mean −0.007978
Std Dev 0.5706

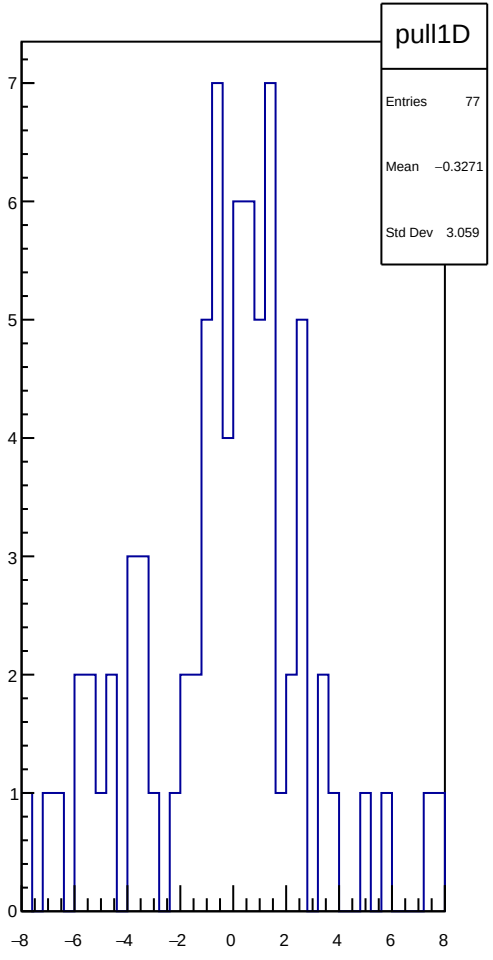

reg_asym_sam7_diff_bpm1X_slope vs run
χ² / ndf 585.4 / 76
p0 2.199 ± 0.1923
pull
Entries 77
Mean −68.88
Std Dev 105.7

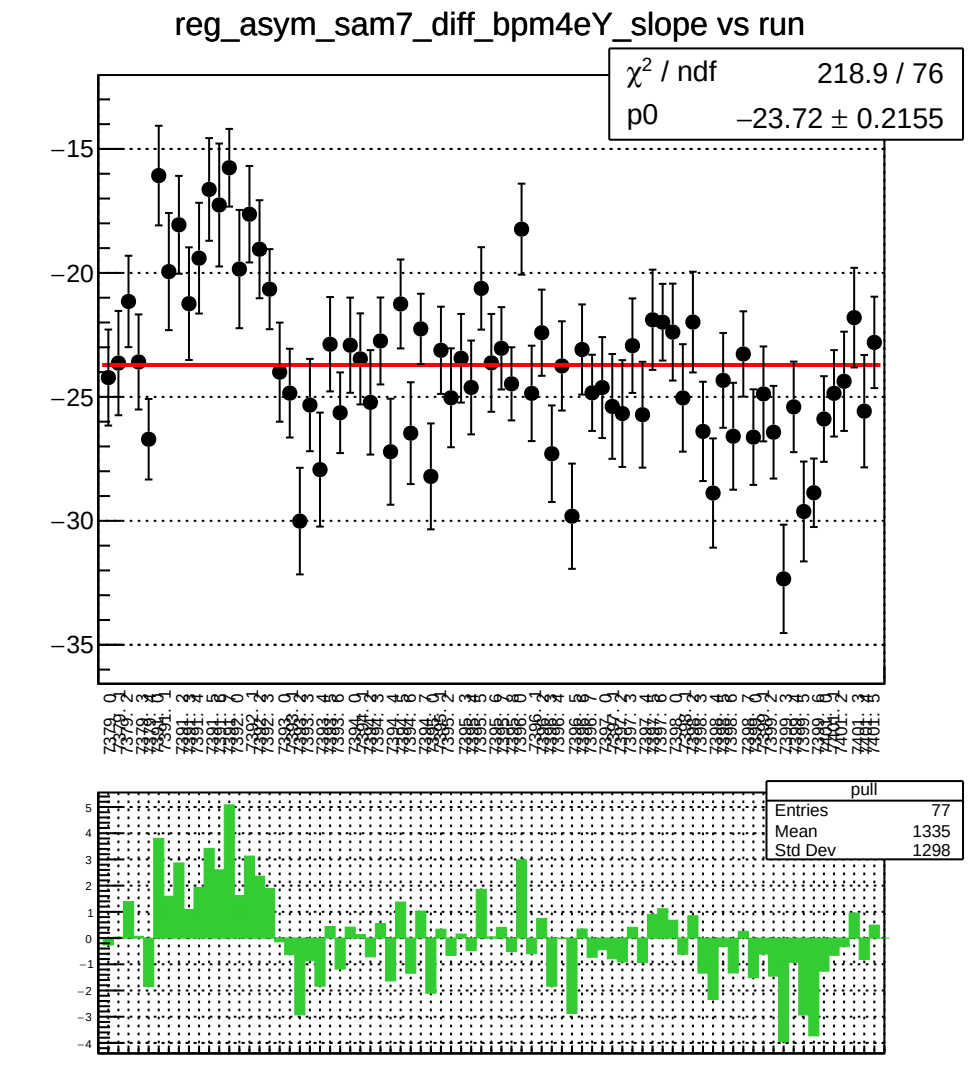

pull1D
Entries 77
Mean 0.2669
Std Dev 2.744

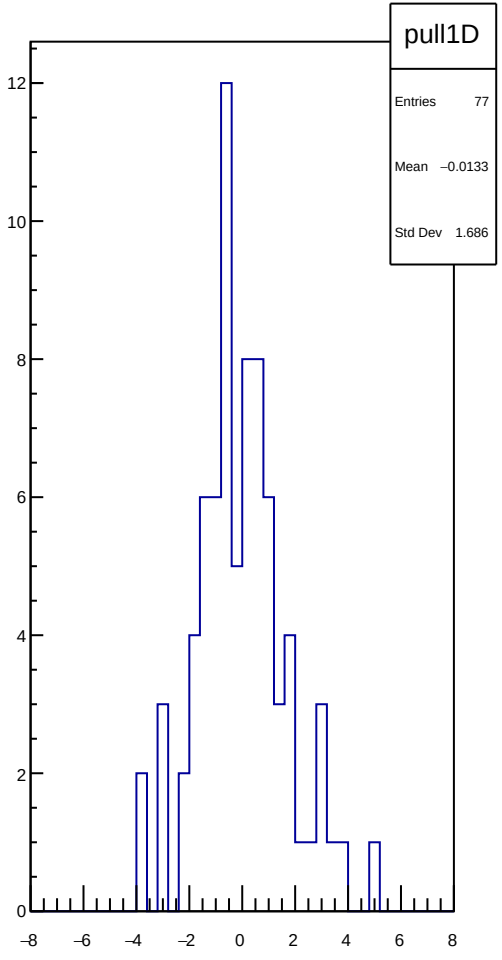

reg_asym_sam7_diff_bpm4aY_slope vs run
χ² / ndf 258.5 / 76
p0 18.6 ± 0.2021
pull
Entries 77
Mean 442.9
Std Dev 405.5

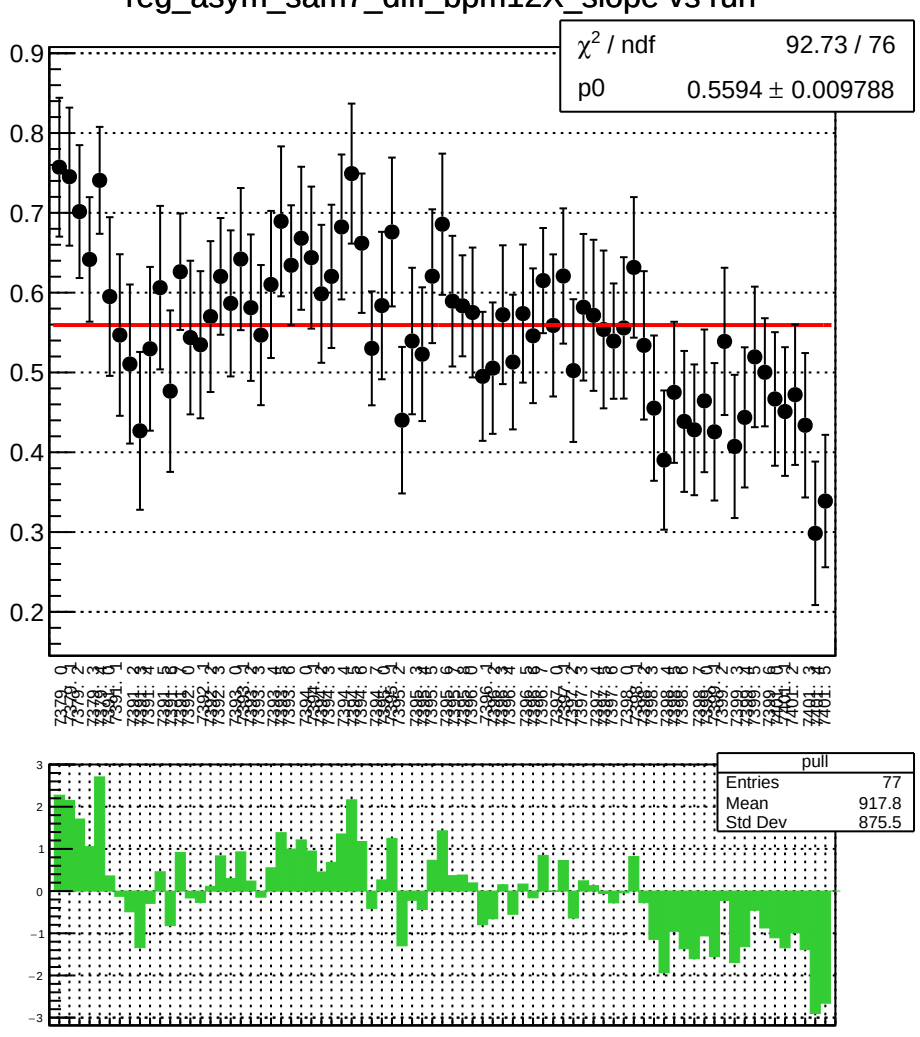

pull1D
Entries 77
Mean 0.04482
Std Dev 1.832

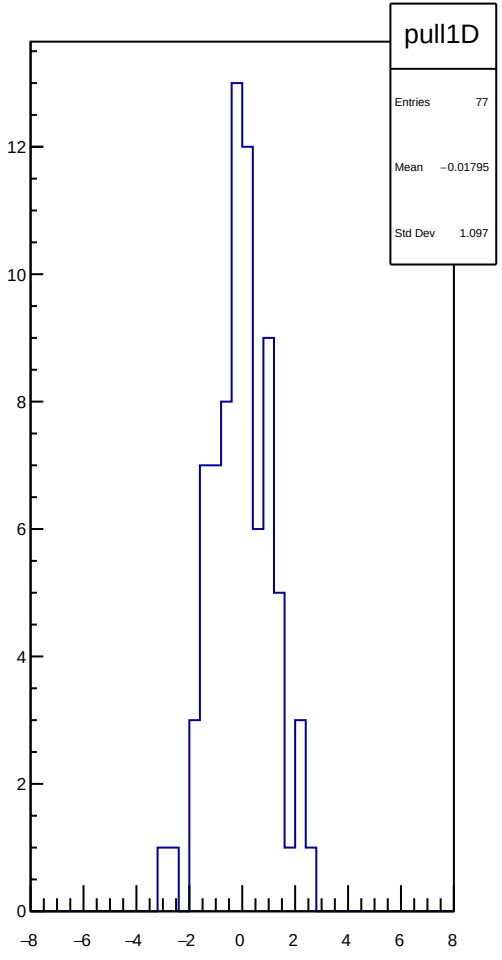

reg_asym_sam7_diff_bpm4eX_slope vs run
χ² / ndf 728.6 / 76
p0 −35.04 ± 0.1996
pull
Entries 77
Mean −52.8
Std Dev 87.14

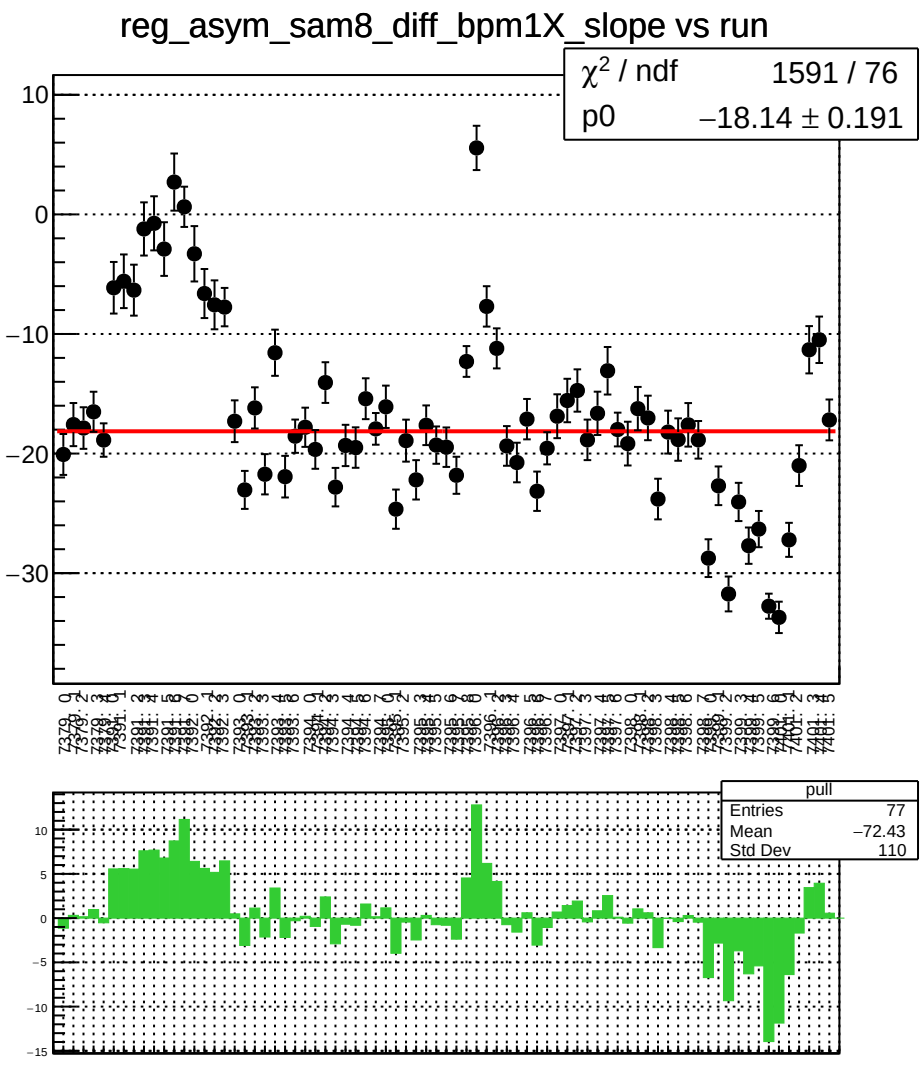

pull1D
Entries 77
Mean −0.3271
Std Dev 3.059

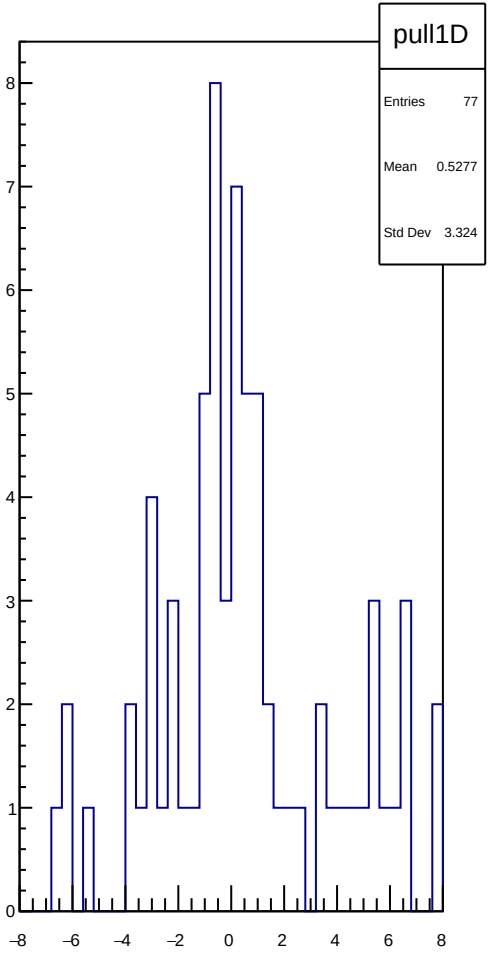

reg_asym_sam7_diff_bpm4eY_slope vs run
χ² / ndf 218.9 / 76
p0 −23.72 ± 0.2155
pull
Entries 77
Mean 1335
Std Dev 1298

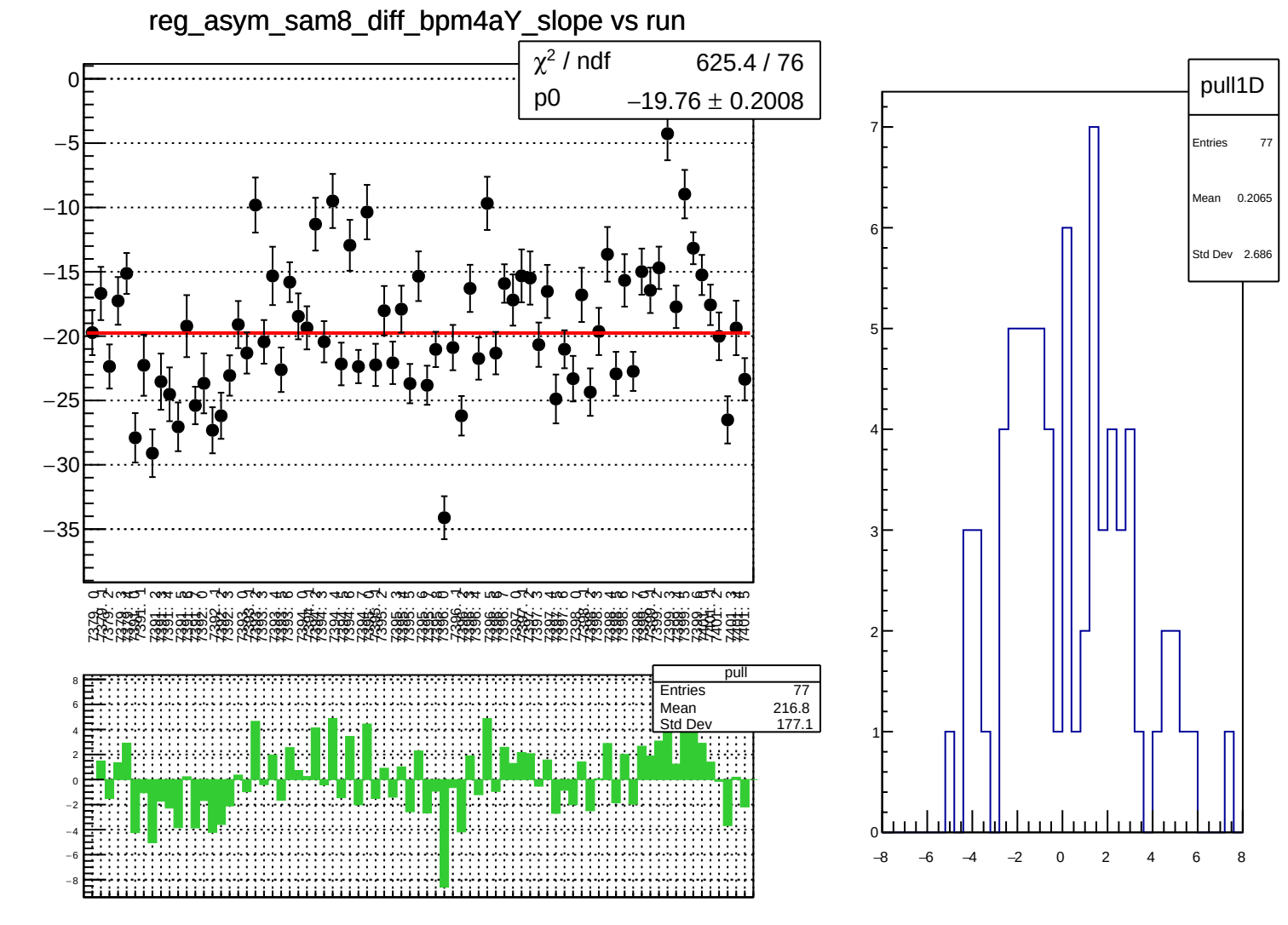

pull1D
Entries 77
Mean −0.0133
Std Dev 1.686

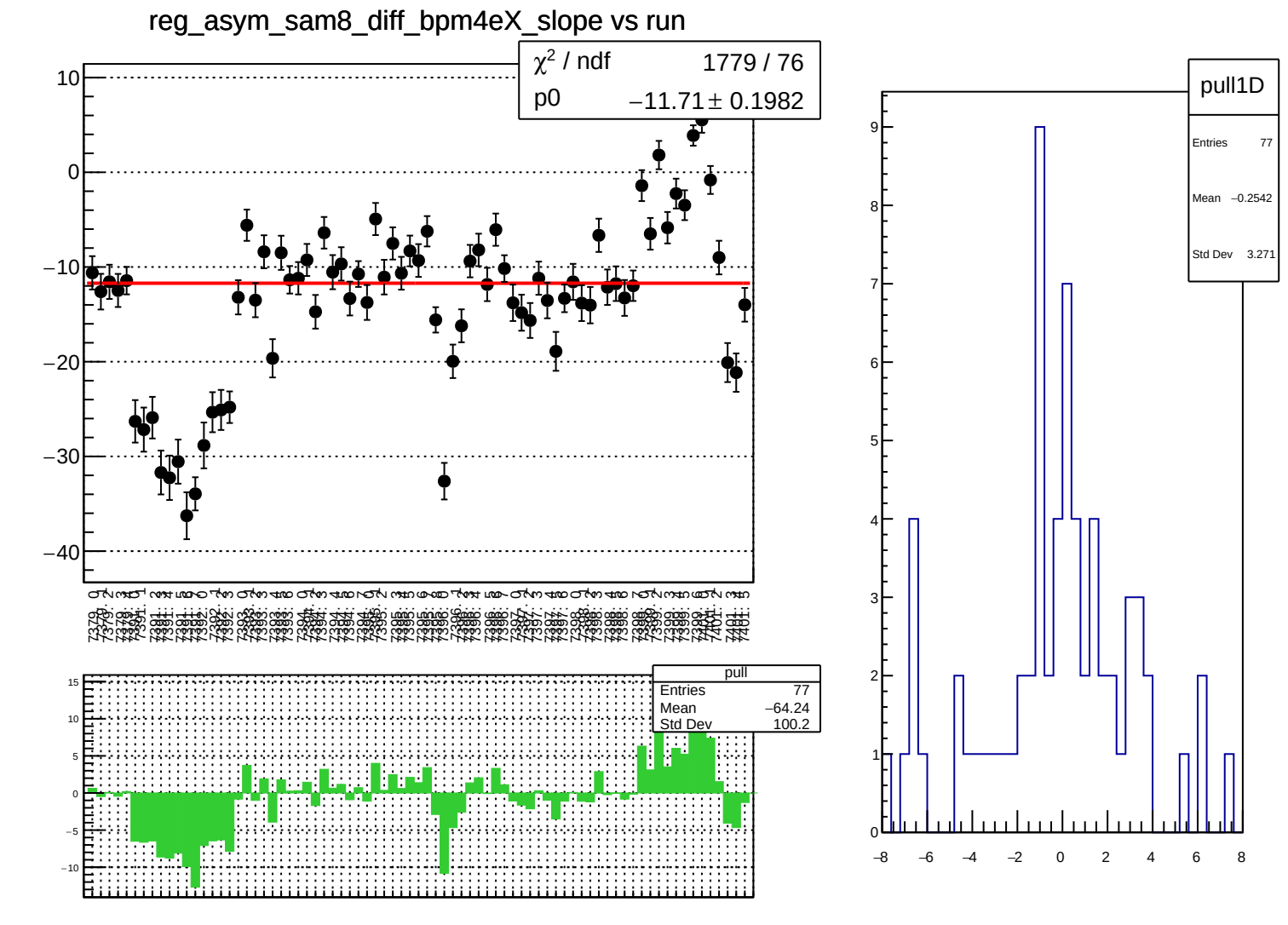

reg_asym_sam7_diff_bpm12X_slope vs run
χ² / ndf 92.73 / 76
p0 0.5594 ± 0.009788
pull
Entries 77
Mean 917.8
Std Dev 875.5

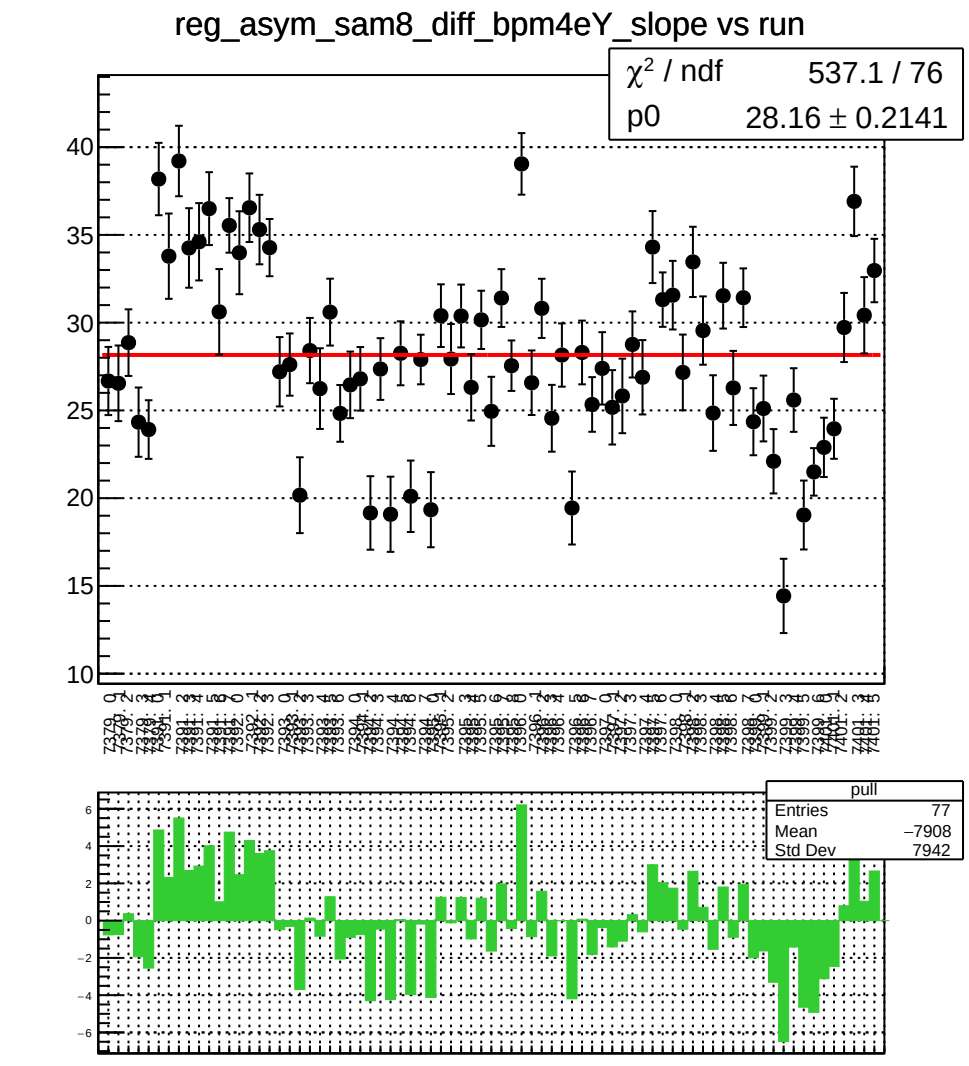

pull1D
Entries 77
Mean −0.01795
Std Dev 1.097

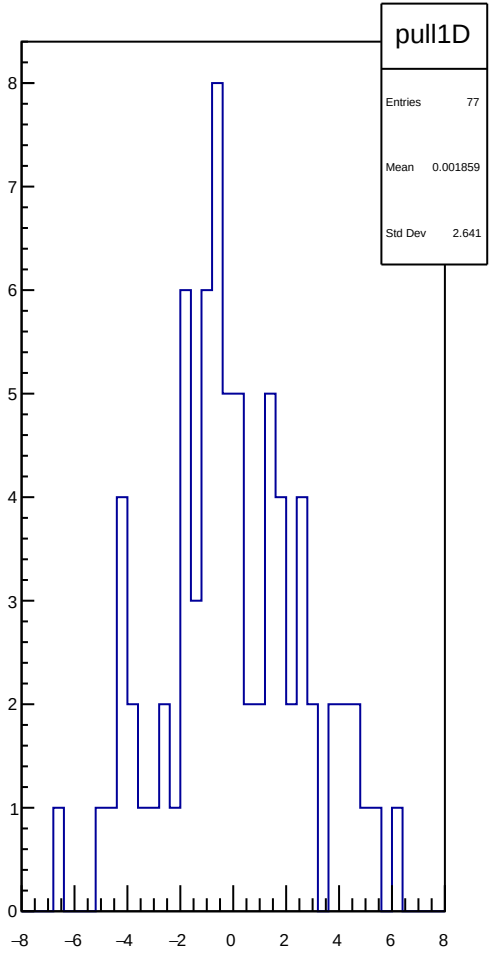

reg_asym_sam8_diff_bpm1X_slope vs run
χ² / ndf 1591 / 76
p0 −18.14 ± 0.191
pull
Entries 77
Mean −72.43
Std Dev 110

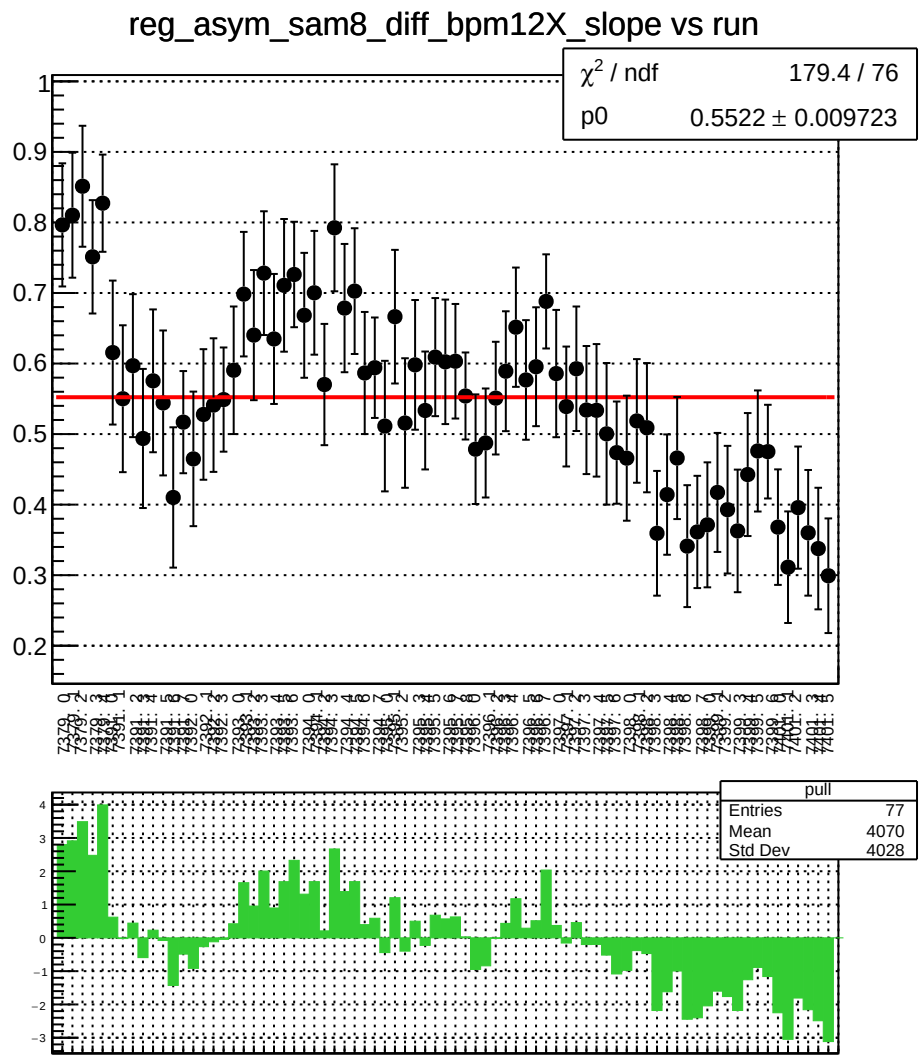

pull1D
Entries 77
Mean 0.5277
Std Dev 3.324

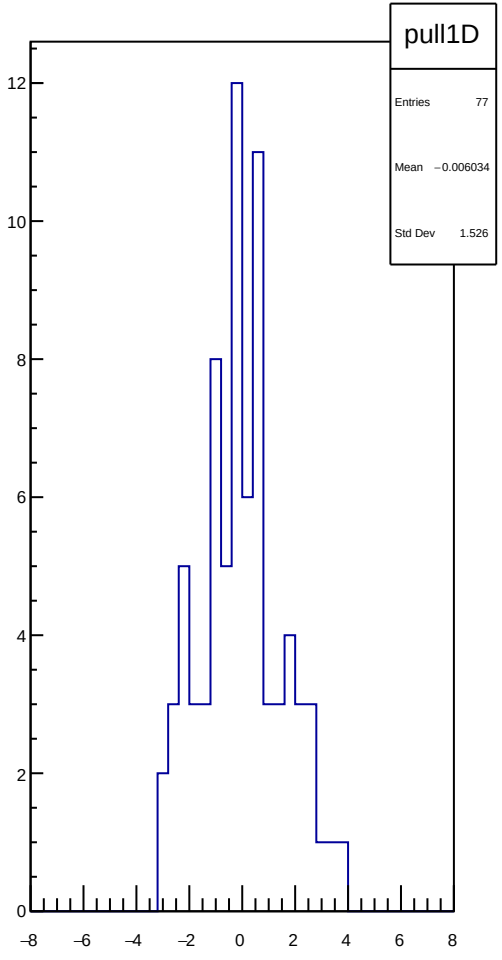

reg_asym_sam8_diff_bpm4aY_slope vs run
χ² / ndf 625.4 / 76
p0 −19.76 ± 0.2008
pull
Entries 77
Mean 216.8
Std Dev 177.1
pull1D
Entries 77
Mean 0.2065
Std Dev 2.686

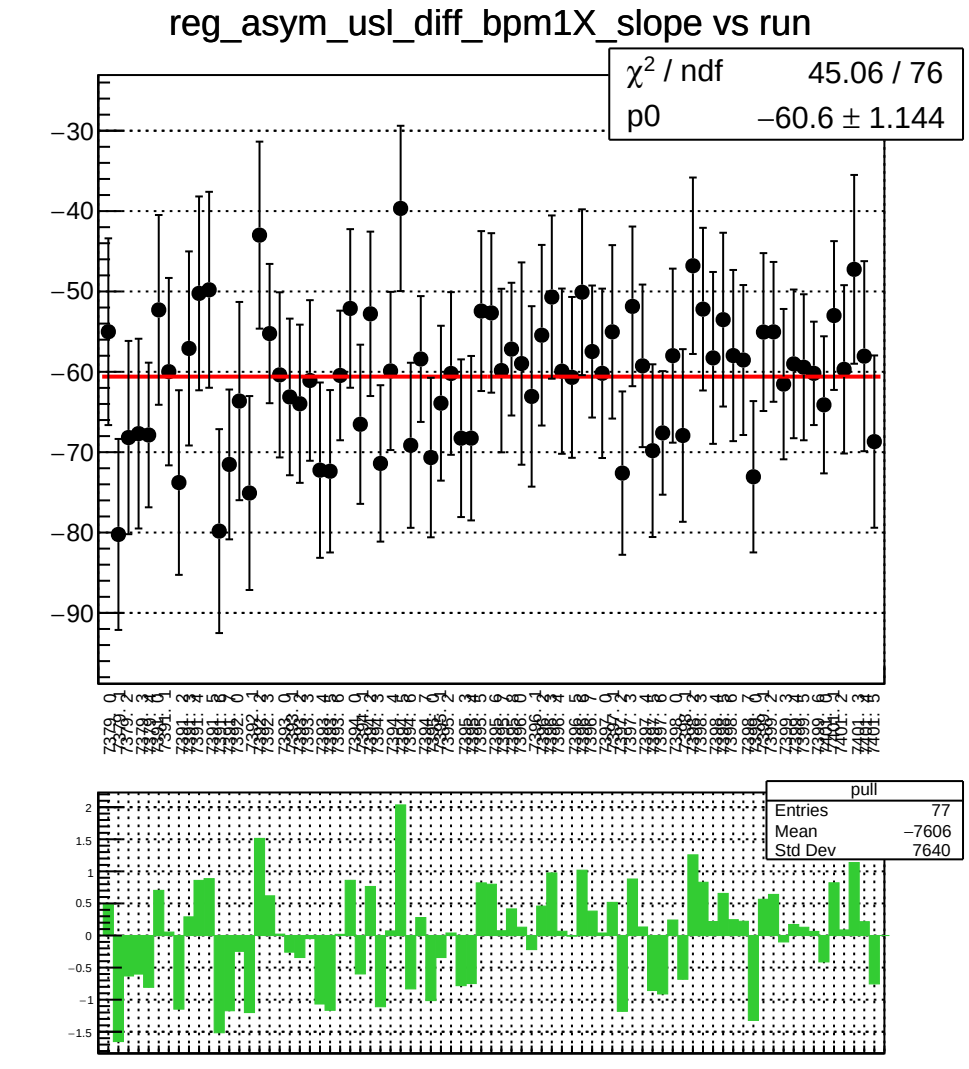

reg_asym_sam8_diff_bpm4eX_slope vs run
χ² / ndf 1779 / 76
p0 −11.71 ± 0.1982
pull
Entries 77
Mean −64.24
Std Dev 100.2
pull1D
Entries 77
Mean −0.2542
Std Dev 3.271

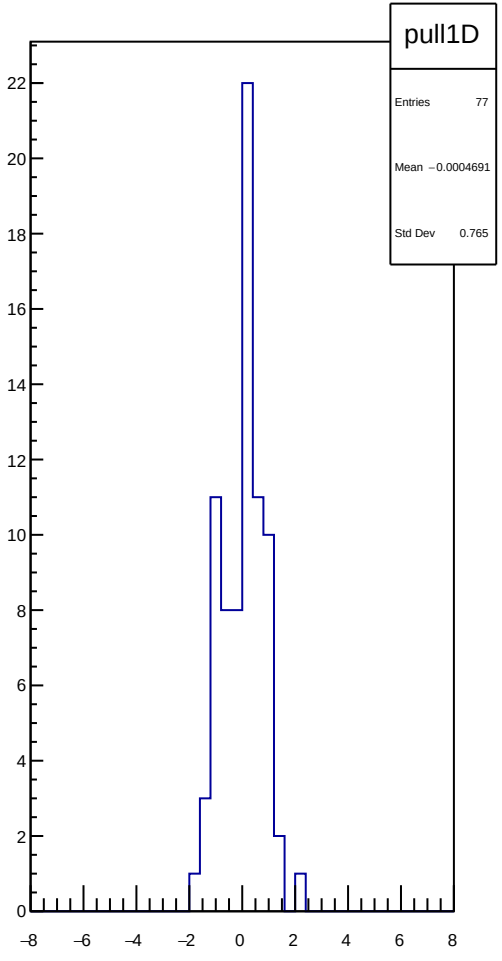

reg_asym_sam8_diff_bpm4eY_slope vs run
χ² / ndf 537.1 / 76
p0 28.16 ± 0.2141
pull
Entries 77
Mean −7908
Std Dev 7942

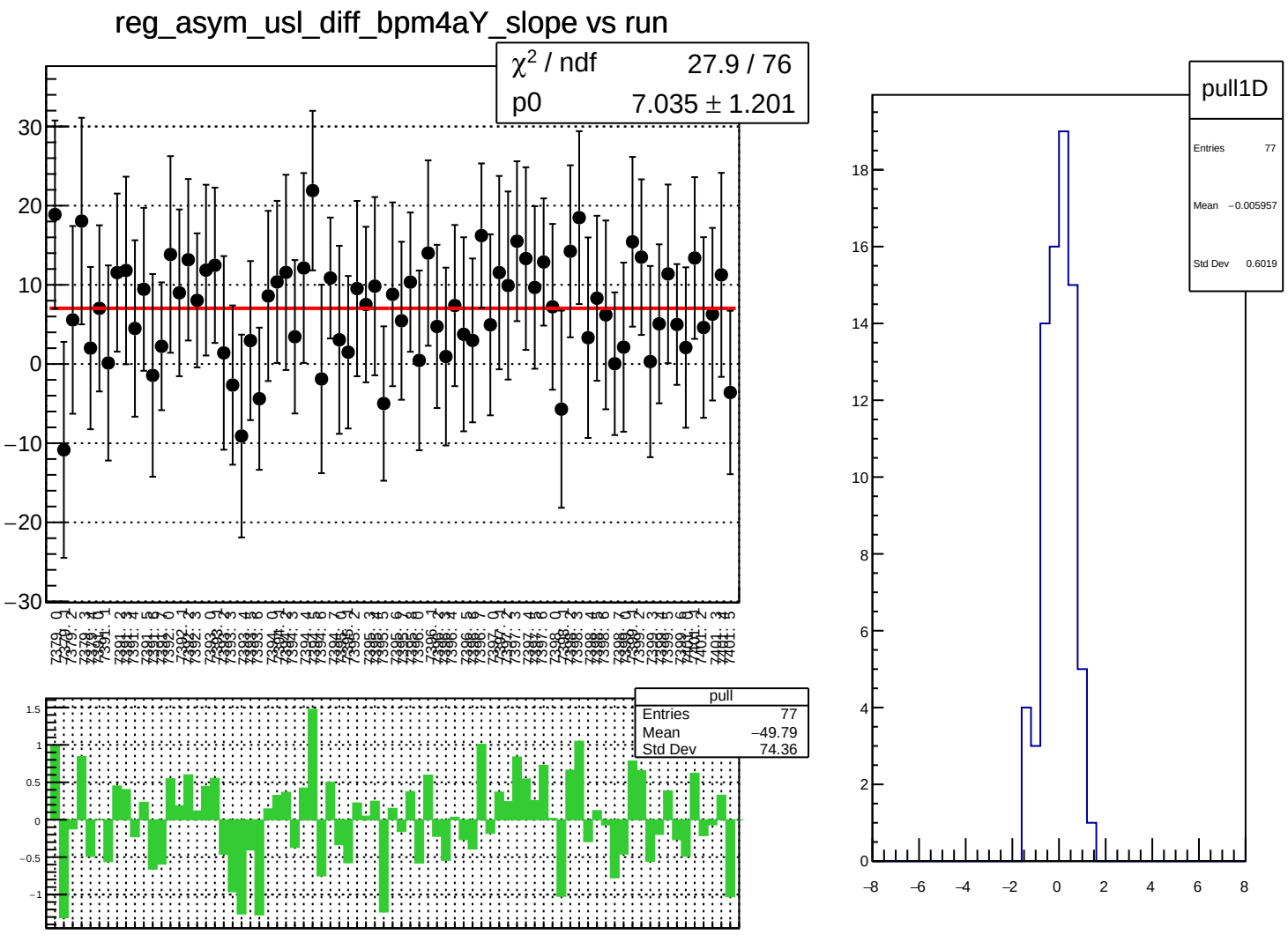

pull1D
Entries 77
Mean 0.001859
Std Dev 2.641

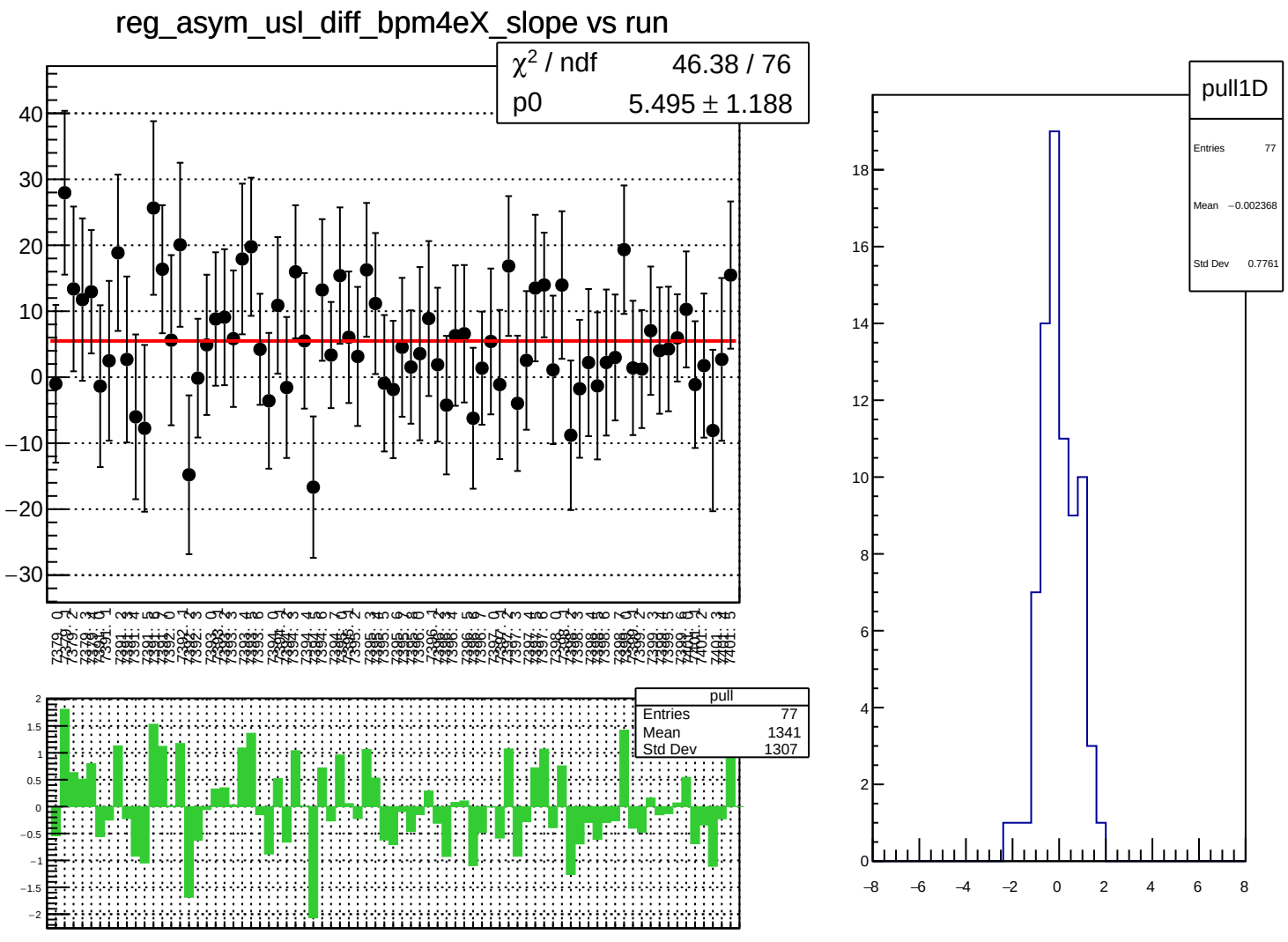

reg_asym_sam8_diff_bpm12X_slope vs run
χ² / ndf 179.4 / 76
p0 0.5522 ± 0.009723
pull
Entries 77
Mean 4070
Std Dev 4028

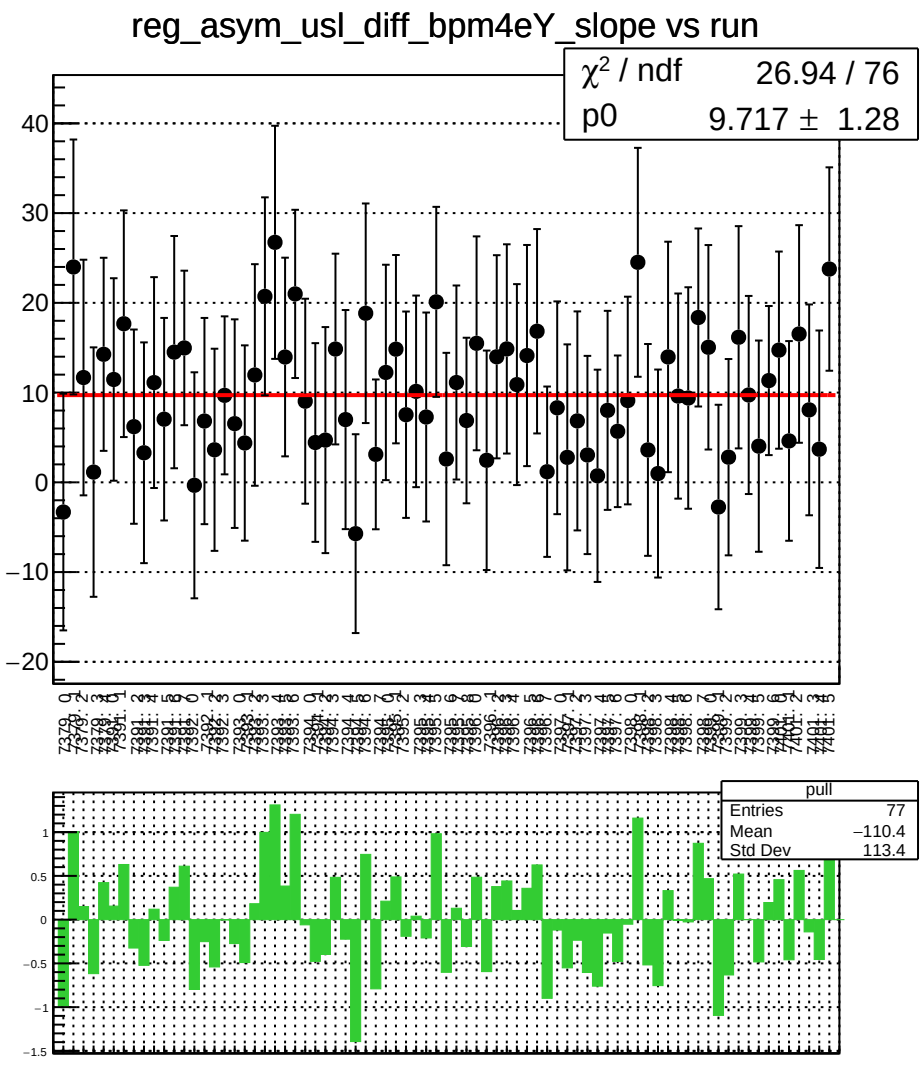

pull1D
Entries 77
Mean −0.006034
Std Dev 1.526

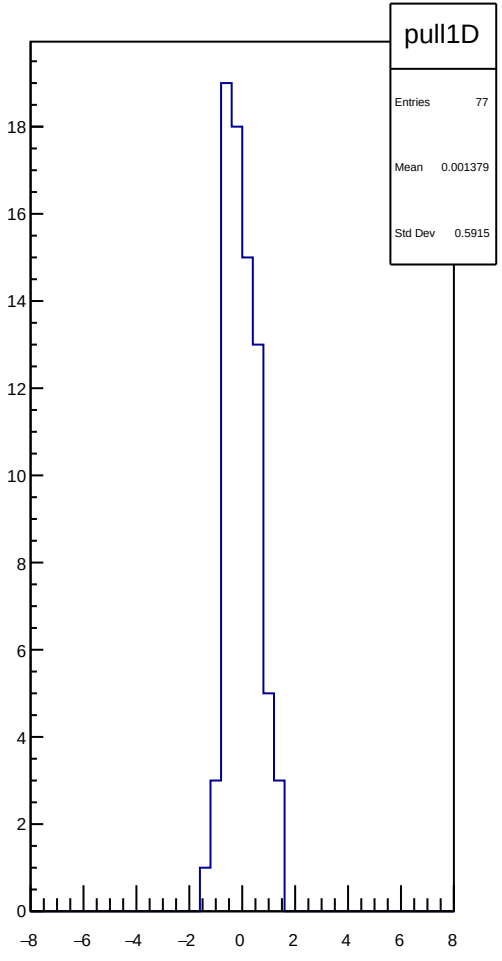

reg_asym_usl_diff_bpm1X_slope vs run
χ² / ndf 45.06 / 76
p0 −60.6 ± 1.144
pull
Entries 77
Mean −7606
Std Dev 7640

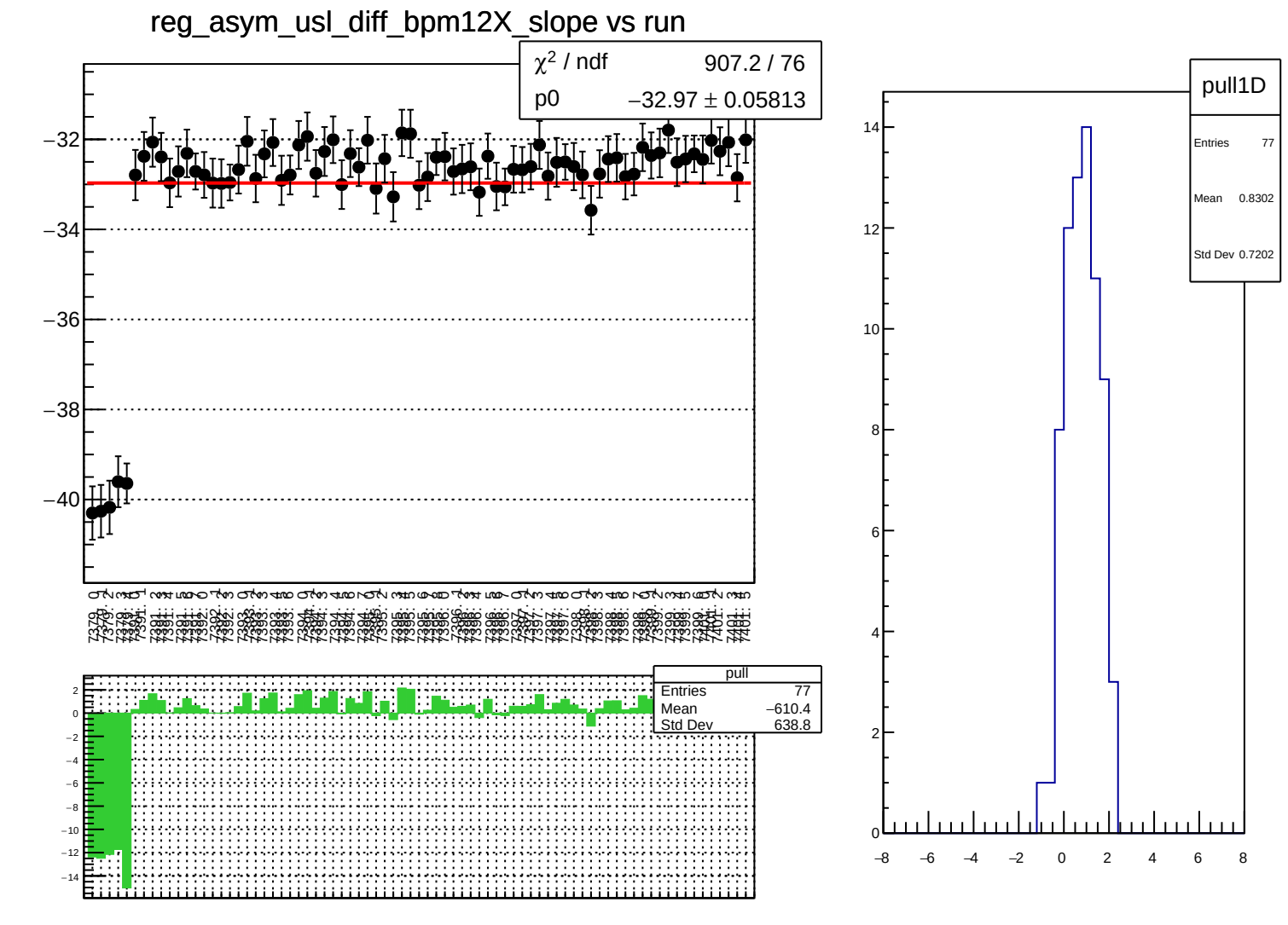

pull1D
Entries 77
Mean −0.0004691
Std Dev 0.765

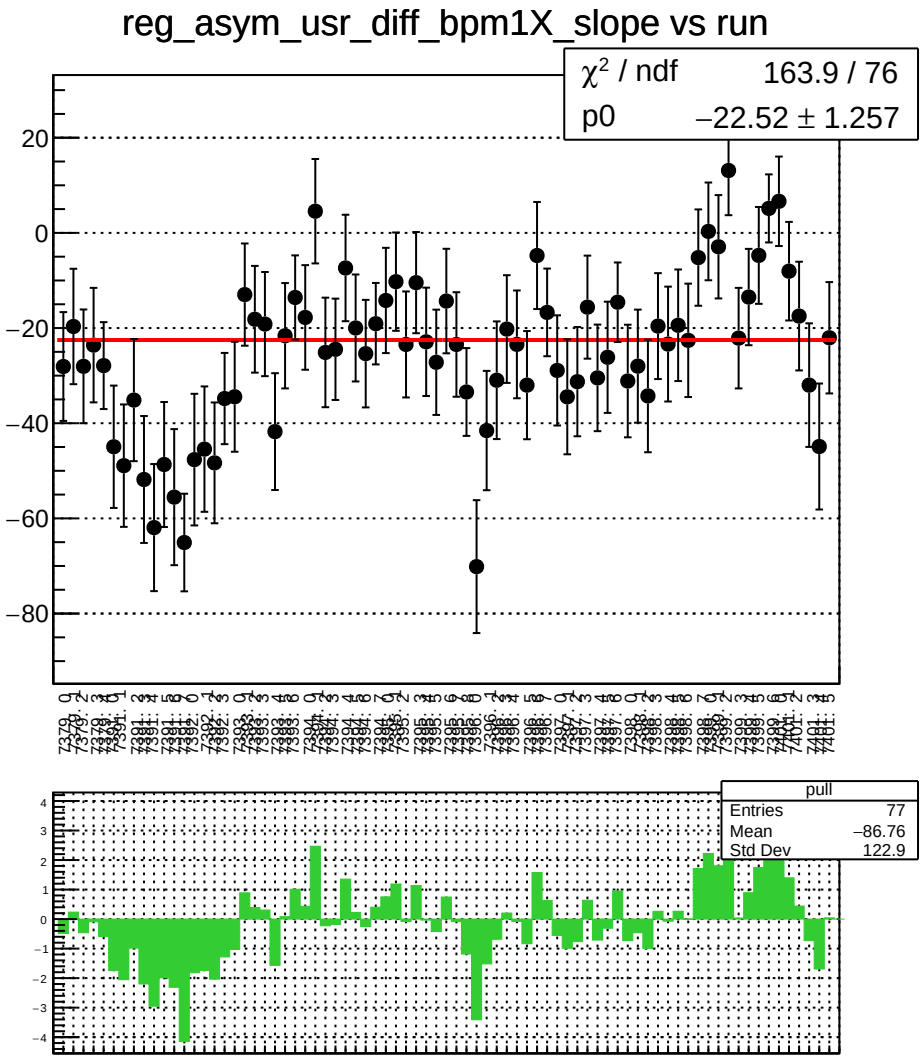

reg_asym_usl_diff_bpm4aY_slope vs run
χ² / ndf 27.9 / 76
p0 7.035 ± 1.201
pull
Entries 77
Mean −49.79
Std Dev 74.36
pull1D
Entries 77
Mean −0.005957
Std Dev 0.6019

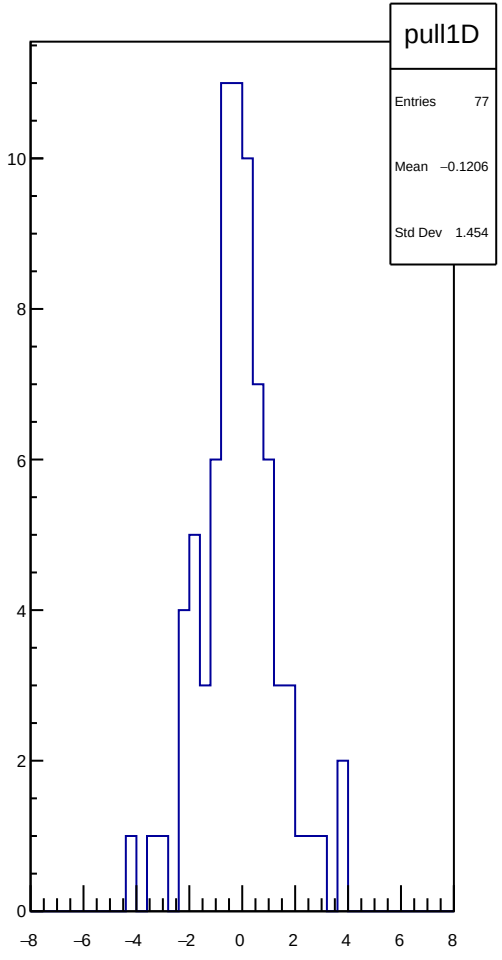

reg_asym_usl_diff_bpm4eX_slope vs run
χ² / ndf 46.38 / 76
p0 5.495 ± 1.188
pull
Entries 77
Mean 1341
Std Dev 1307
pull1D
Entries 77
Mean −0.002368
Std Dev 0.7761

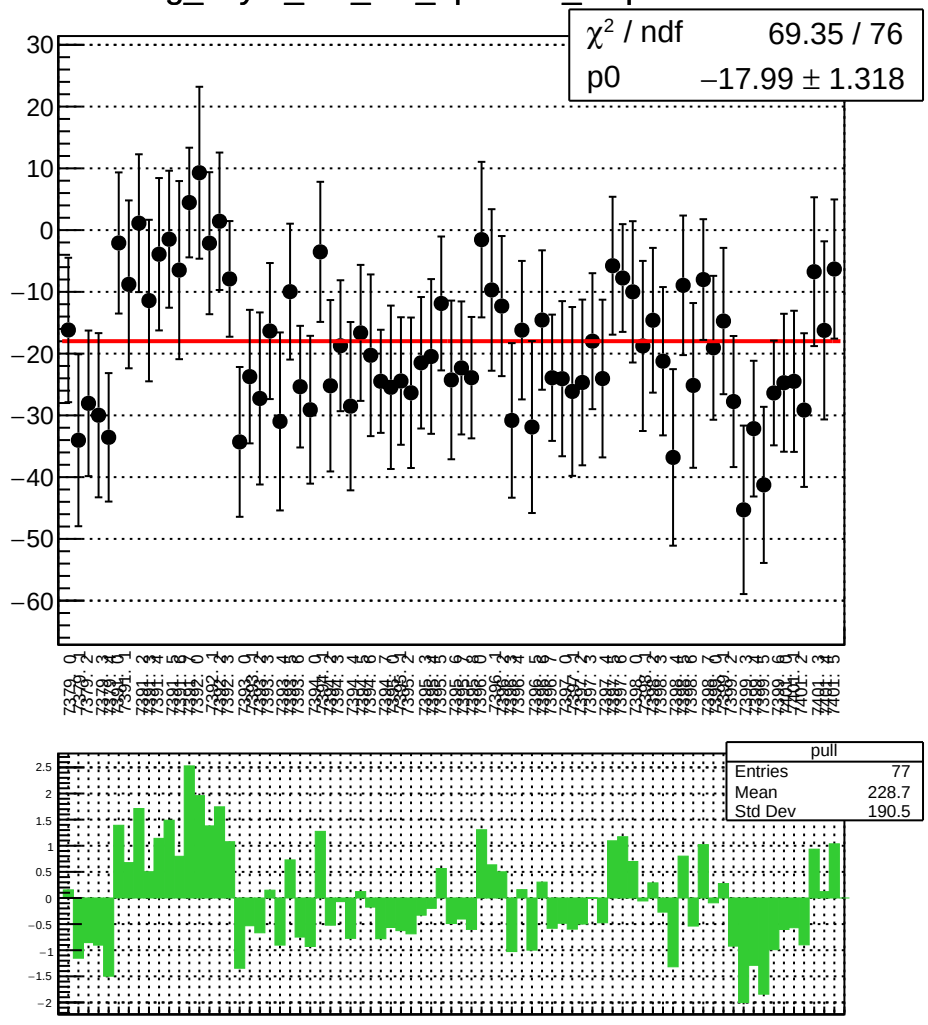

reg_asym_usl_diff_bpm4eY_slope vs run
χ² / ndf 26.94 / 76
p0 9.717 ± 1.28
pull
Entries 77
Mean −110.4
Std Dev 113.4

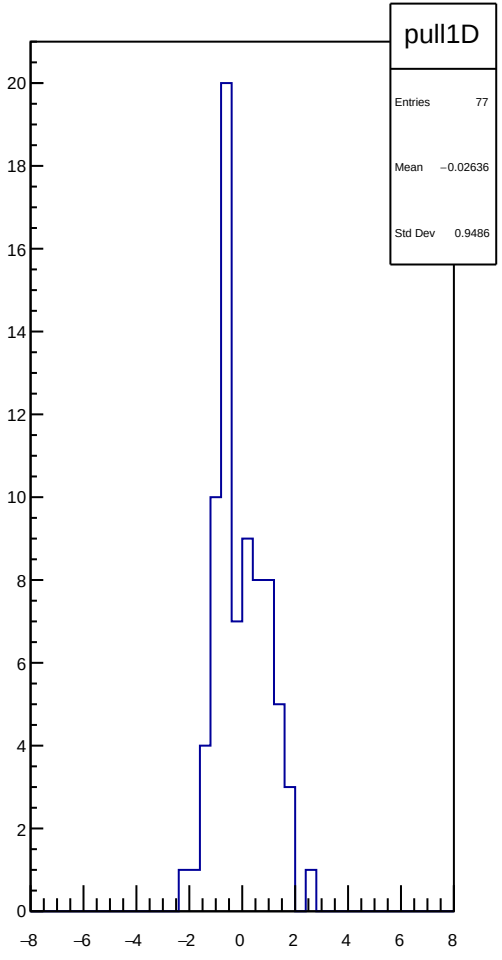

pull1D
Entries 77
Mean 0.001379
Std Dev 0.5915

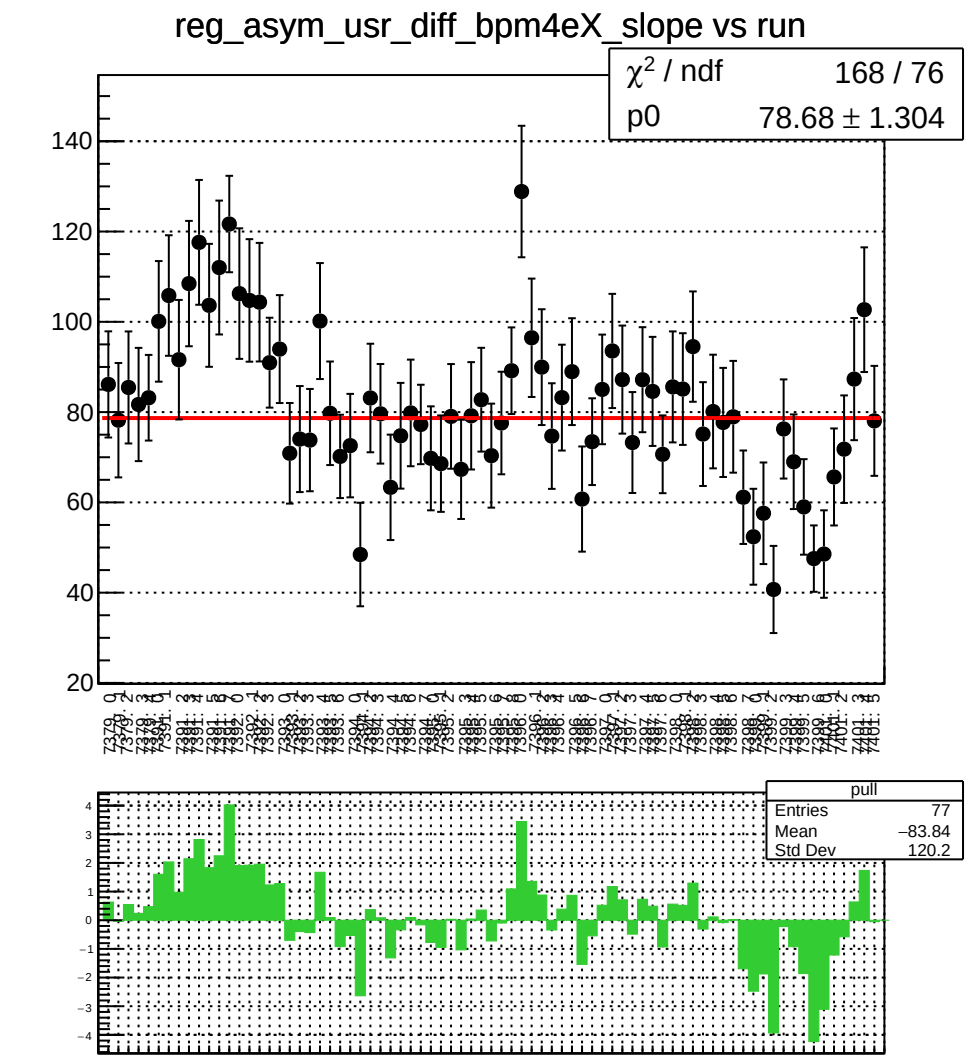

reg_asym_usl_diff_bpm12X_slope vs run
χ² / ndf 907.2 / 76
p0 −32.97 ± 0.05813
−32
−34
−36
−38
−40
pull
Entries 77
Mean −610.4
Std Dev 638.8
pull1D
Entries 77
Mean 0.8302
Std Dev 0.7202

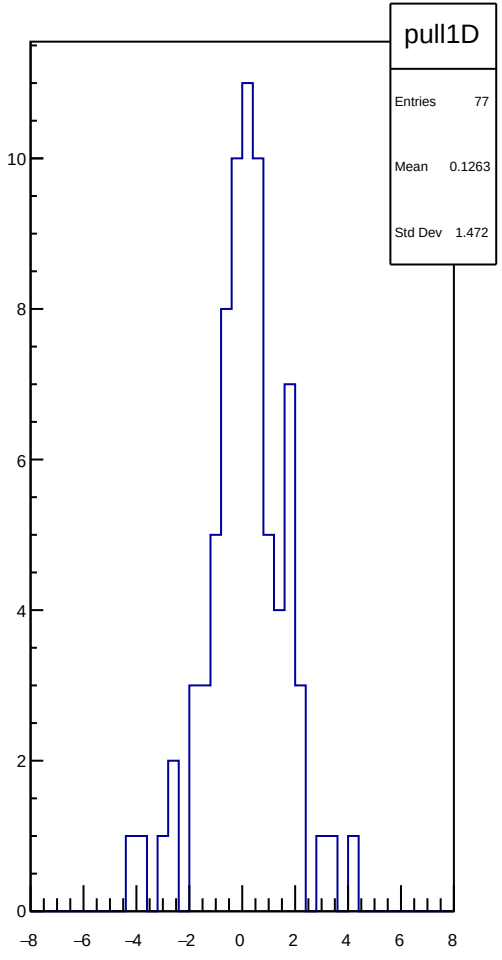

reg_asym_usr_diff_bpm1X_slope vs run
χ² / ndf 163.9 / 76
p0 −22.52 ± 1.257
pull
Entries 77
Mean −86.76
Std Dev 122.9

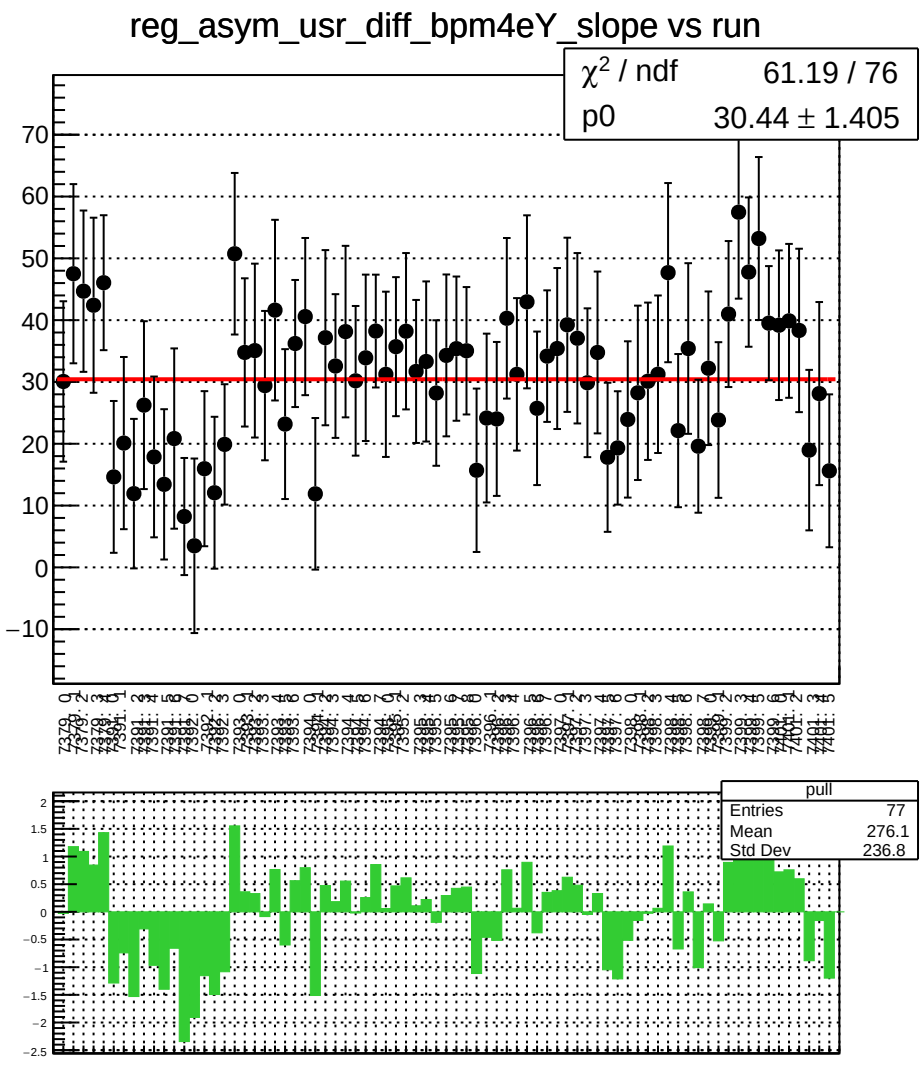

pull1D
Entries 77
Mean −0.1206
Std Dev 1.454

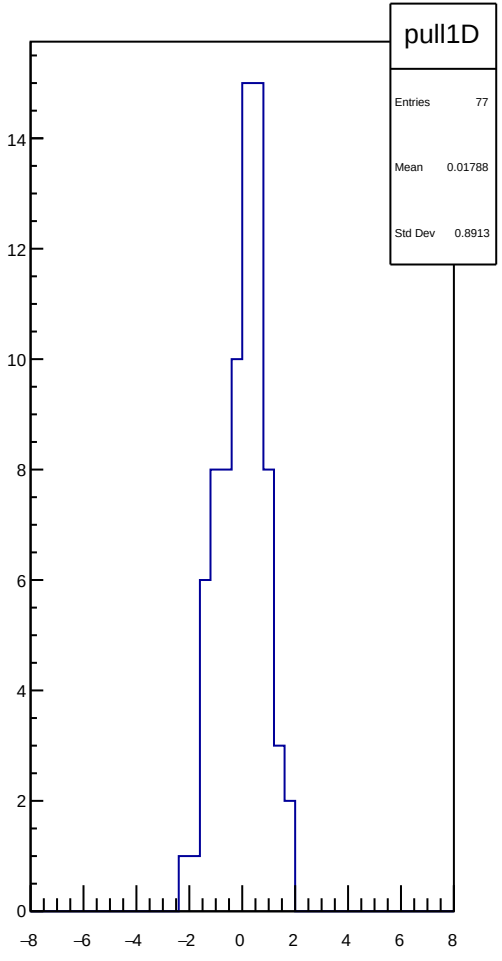

reg_asym_usr_diff_bpm4aY_slope vs run
χ² / ndf 69.35 / 76
p0 −17.99 ± 1.318
pull
Entries 77
Mean 228.7
Std Dev 190.5

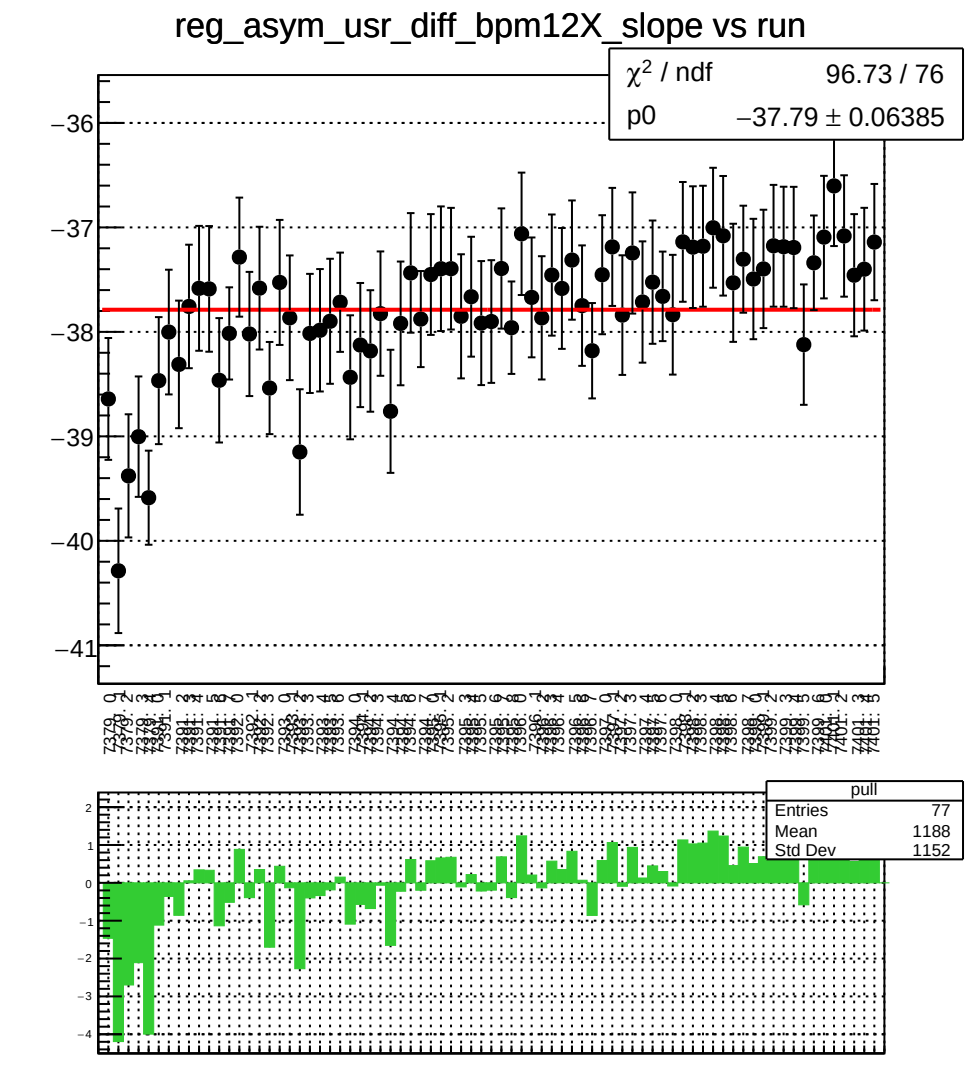

pull1D
Entries 77
Mean −0.02636
Std Dev 0.9486

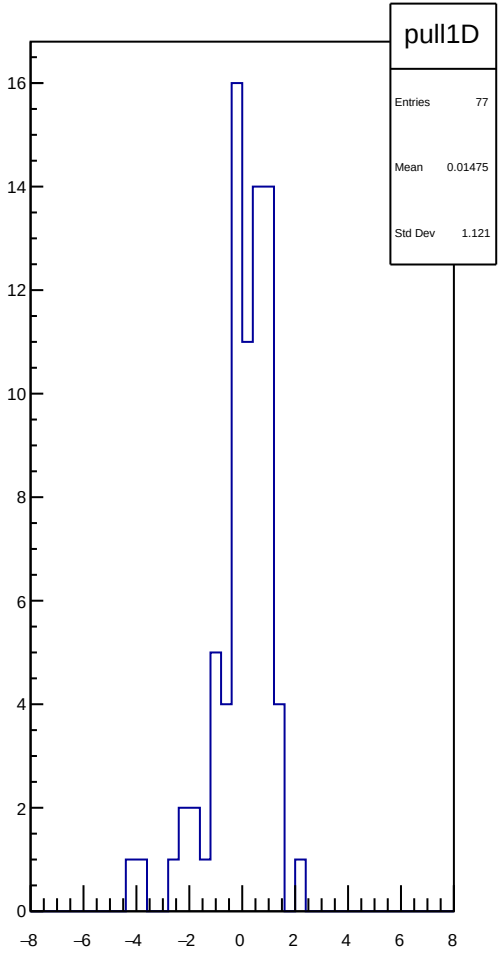

reg_asym_usr_diff_bpm4eX_slope vs run
χ² / ndf 168 / 76
p0 78.68 ± 1.304
pull
Entries 77
Mean −83.84
Std Dev 120.2

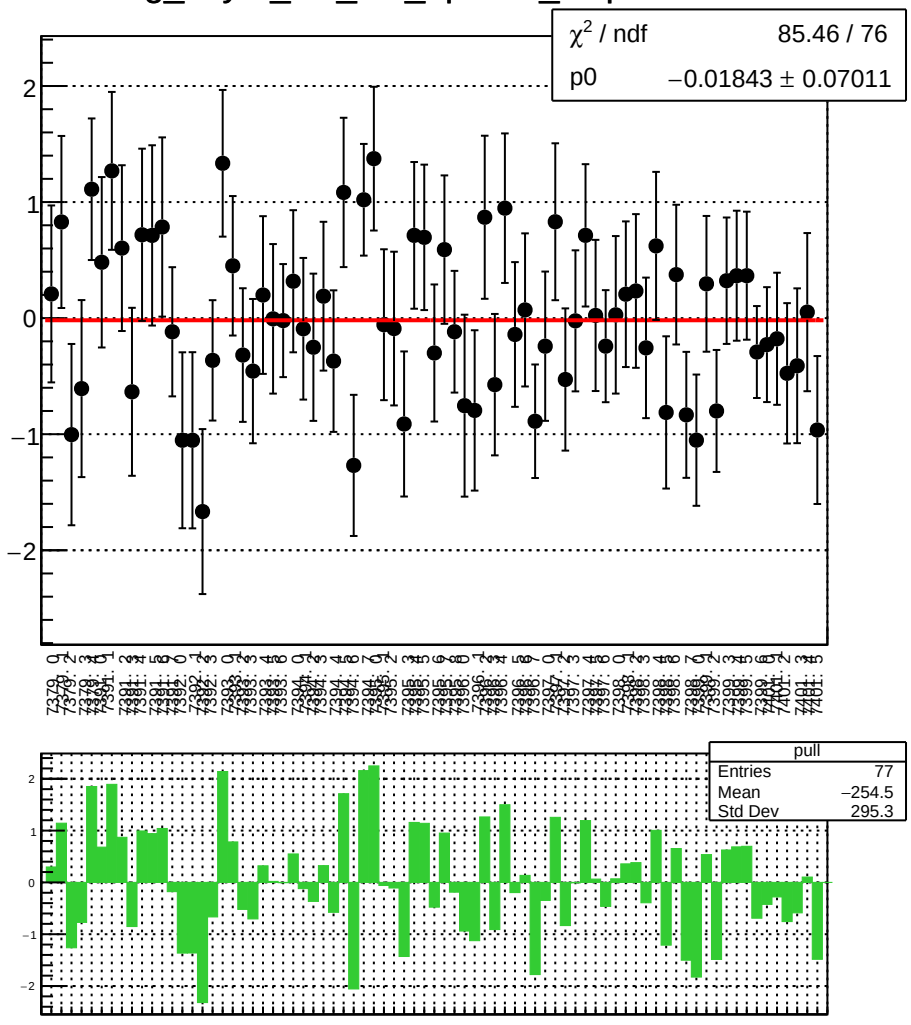

pull1D
Entries 77
Mean 0.1263
Std Dev 1.472

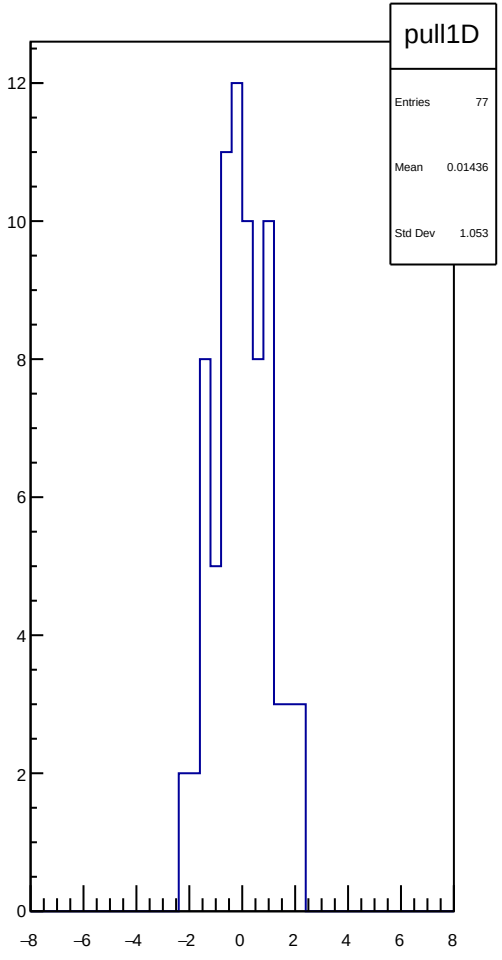

reg_asym_usr_diff_bpm4eY_slope vs run
χ^2 / ndf 61.19 / 76
p0 30.44 ± 1.405
pull
Entries 77
Mean 276.1
Std Dev 236.8

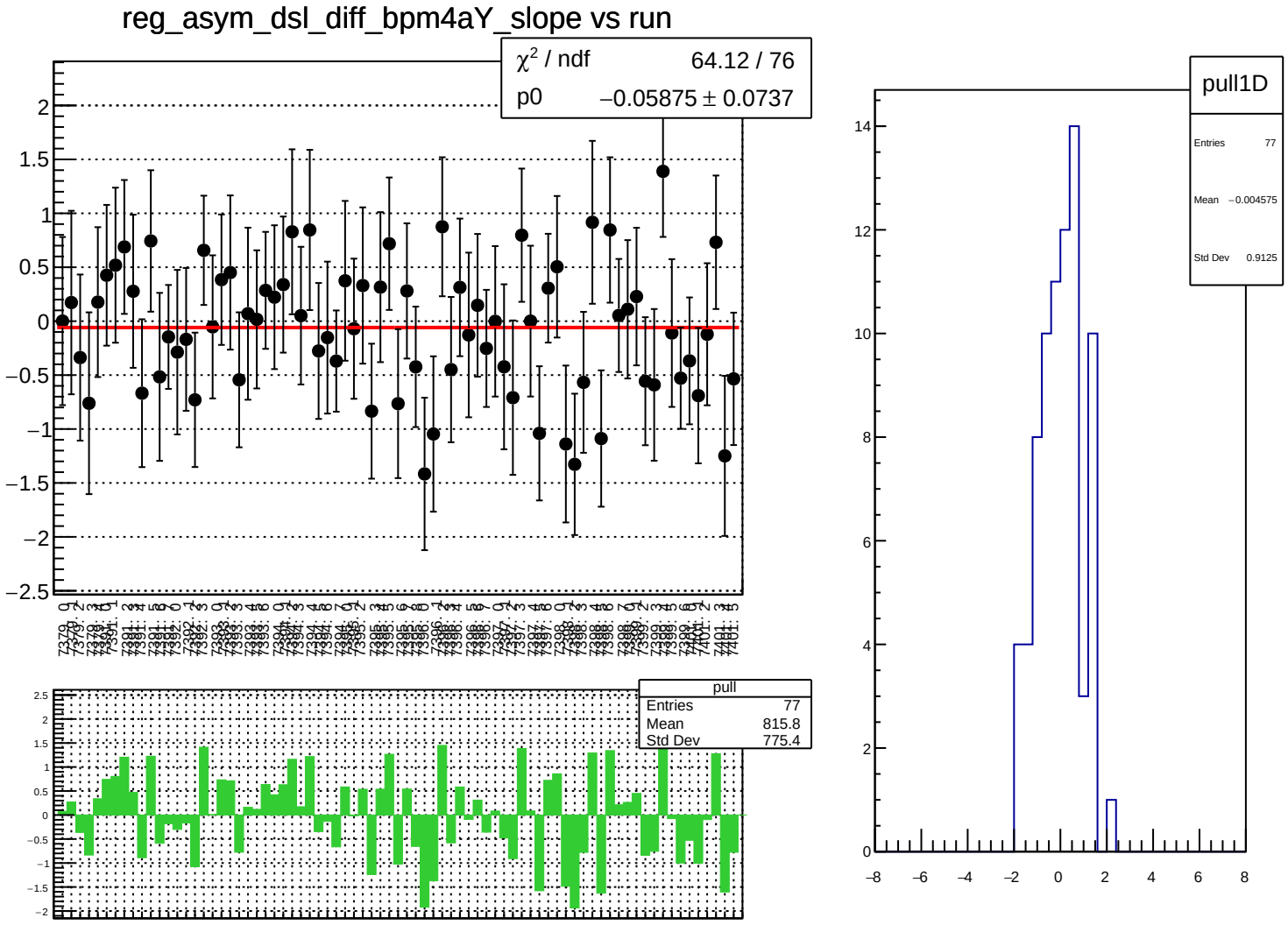

pull1D
Entries 77
Mean 0.01788
Std Dev 0.8913

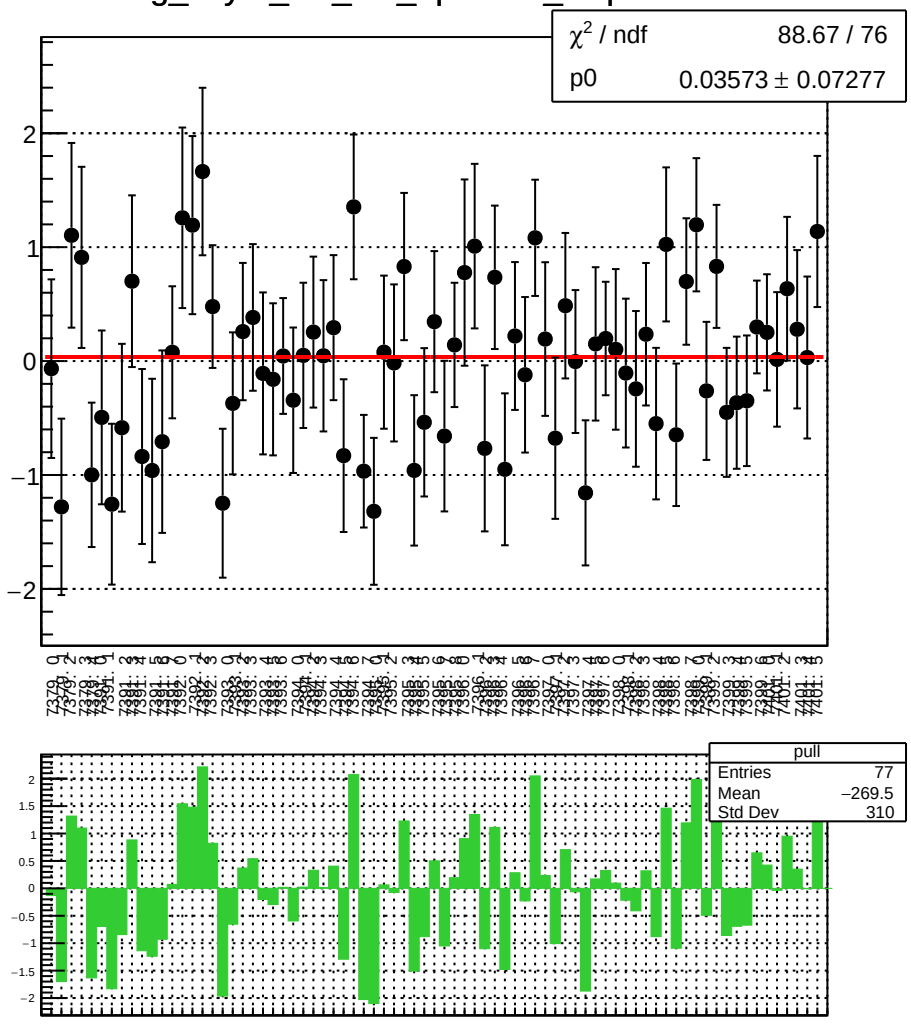

reg_asym_usr_diff_bpm12X_slope vs run
χ² / ndf 96.73 / 76
p0 −37.79 ± 0.06385
pull
Entries 77
Mean 1188
Std Dev 1152

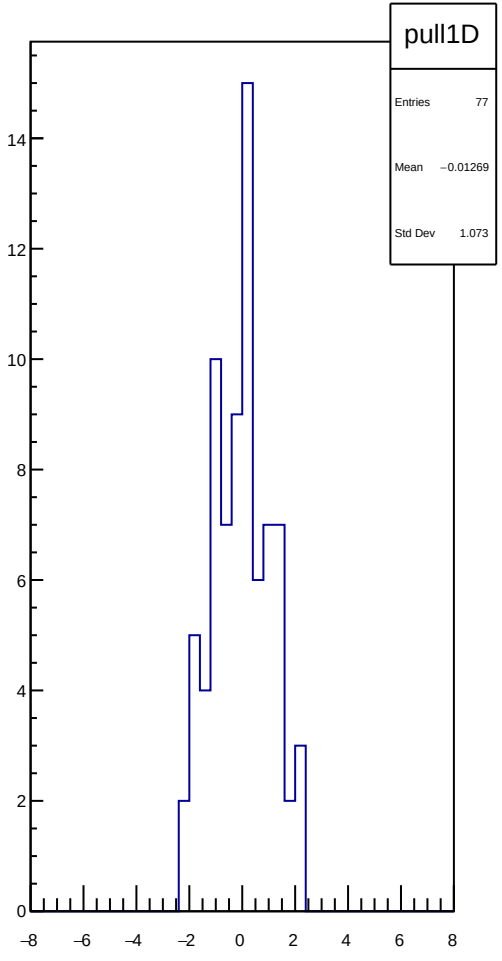

pull1D
Entries 77
Mean 0.01475
Std Dev 1.121

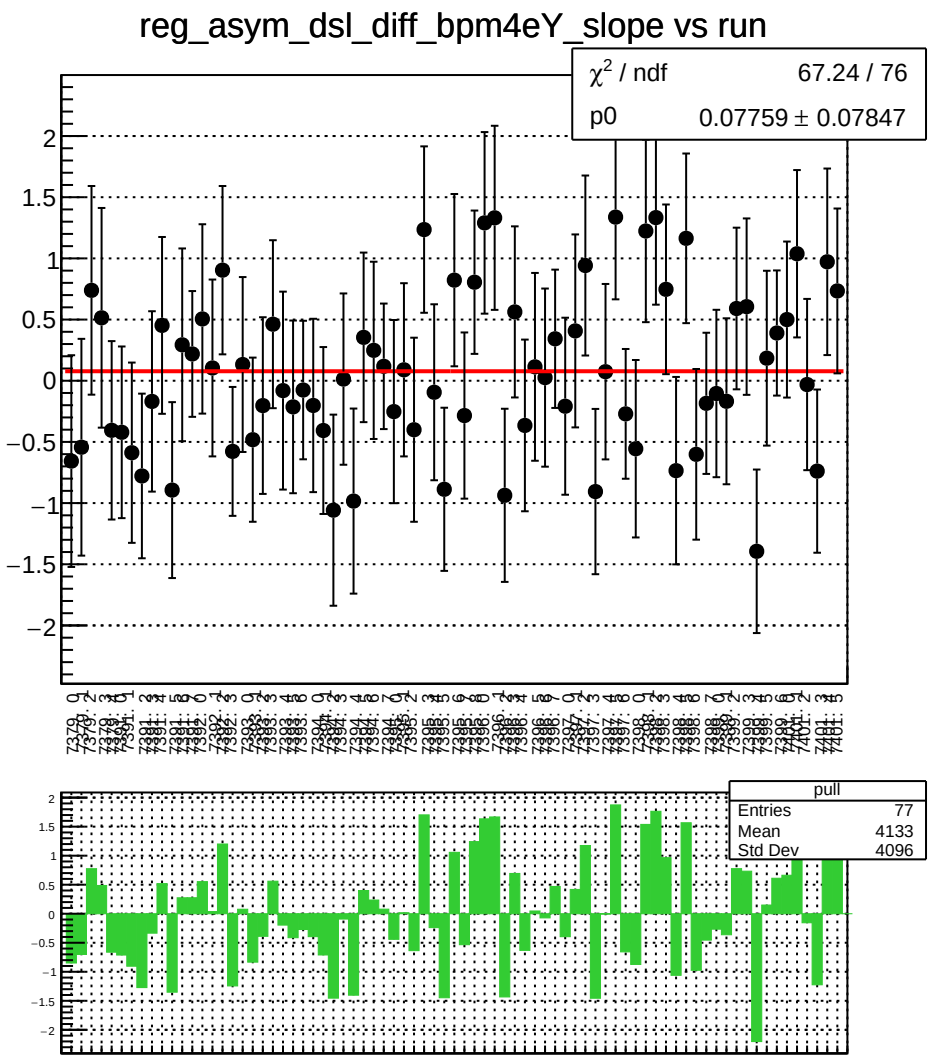

reg_asym_dsl_diff_bpm1X_slope vs run
χ² / ndf 85.46 / 76
p0 −0.01843 ± 0.07011
pull
Entries 77
Mean −254.5
Std Dev 295.3

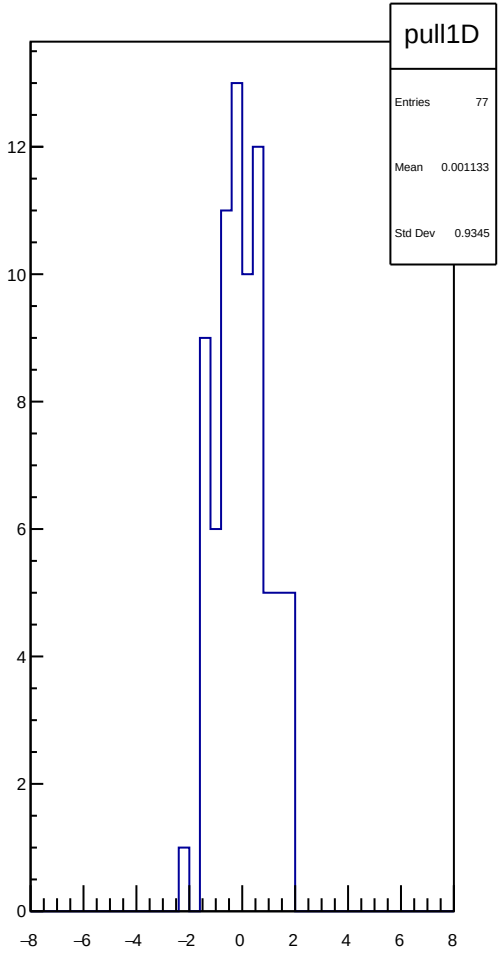

pull1D
Entries 77
Mean 0.01436
Std Dev 1.053

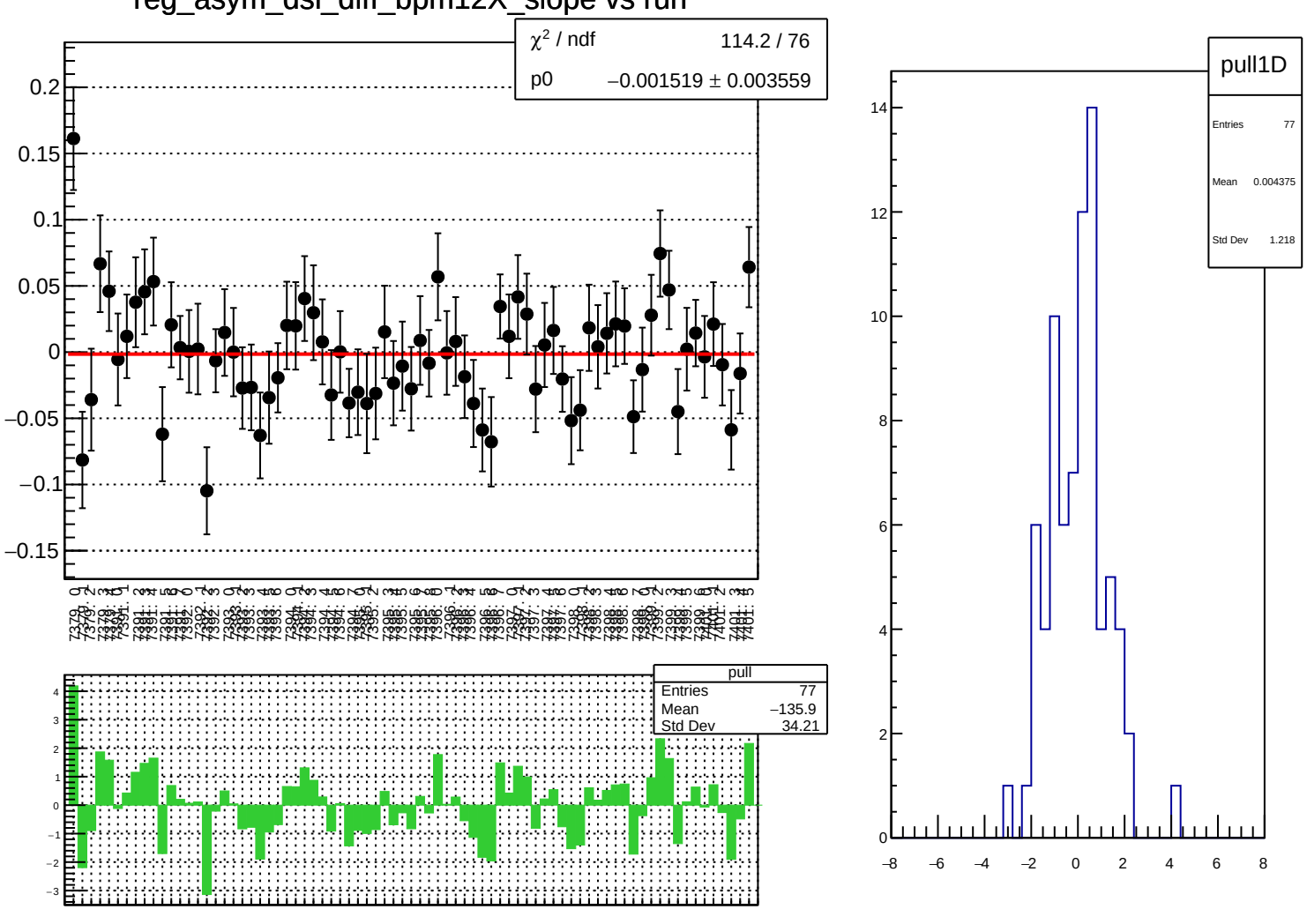

reg_asym_dsl_diff_bpm4aY_slope vs run
χ² / ndf 64.12 / 76
p0 −0.05875 ± 0.0737
pull
Entries 77
Mean 815.8
Std Dev 775.4
pull1D
Entries 77
Mean −0.004575
Std Dev 0.9125

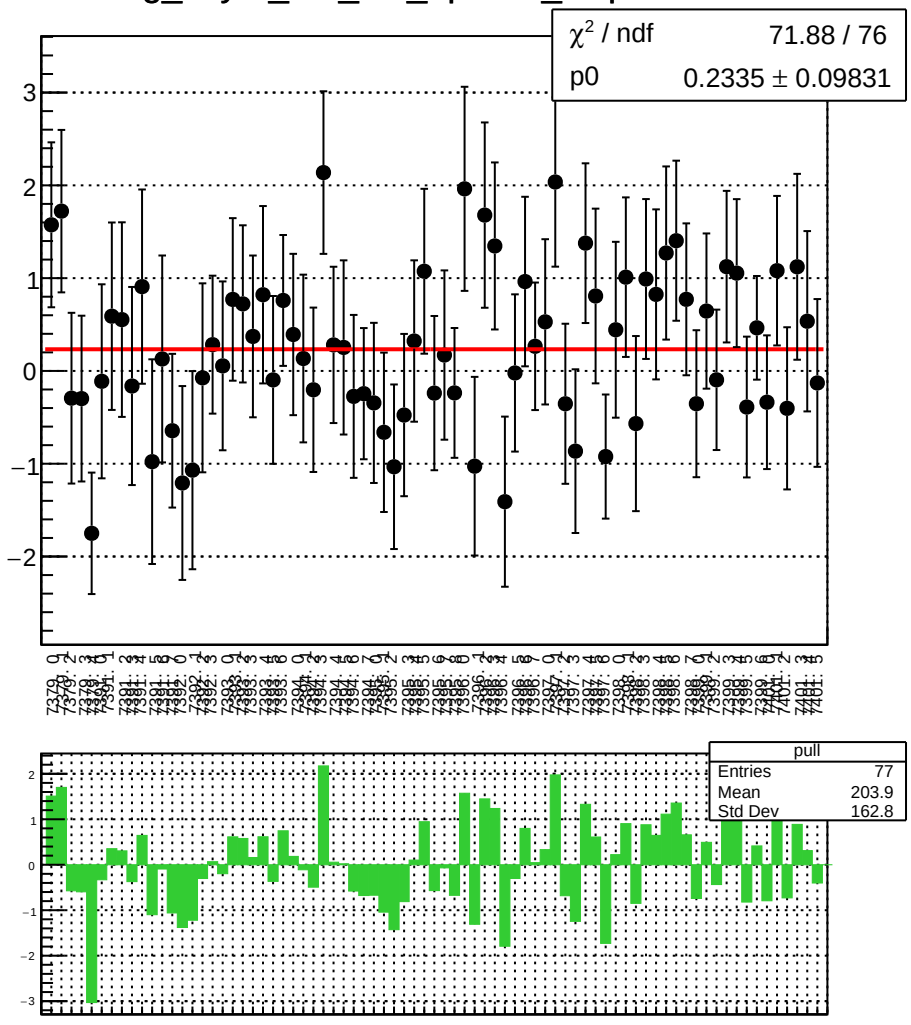

reg_asym_dsl_diff_bpm4eX_slope vs run
χ² / ndf 88.67 / 76
p0 0.03573 ± 0.07277
pull
Entries 77
Mean −269.5
Std Dev 310

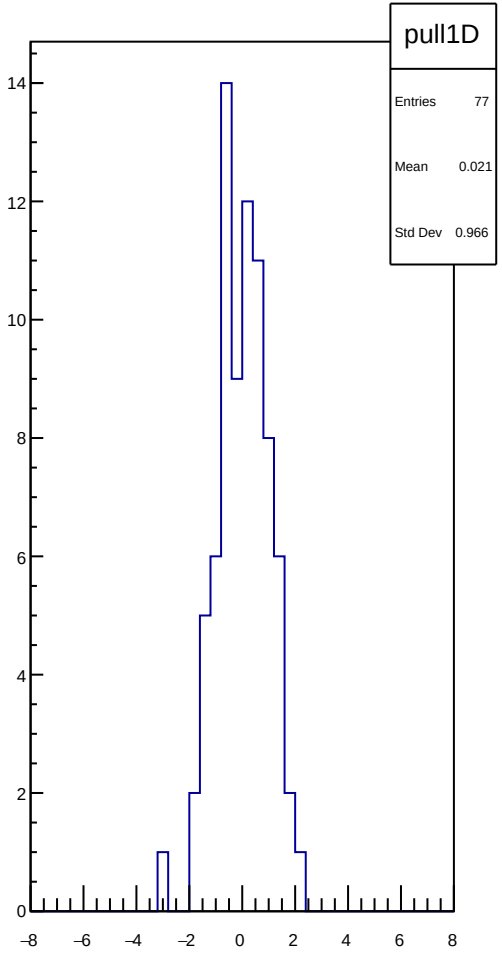

pull1D
Entries 77
Mean −0.01269
Std Dev 1.073

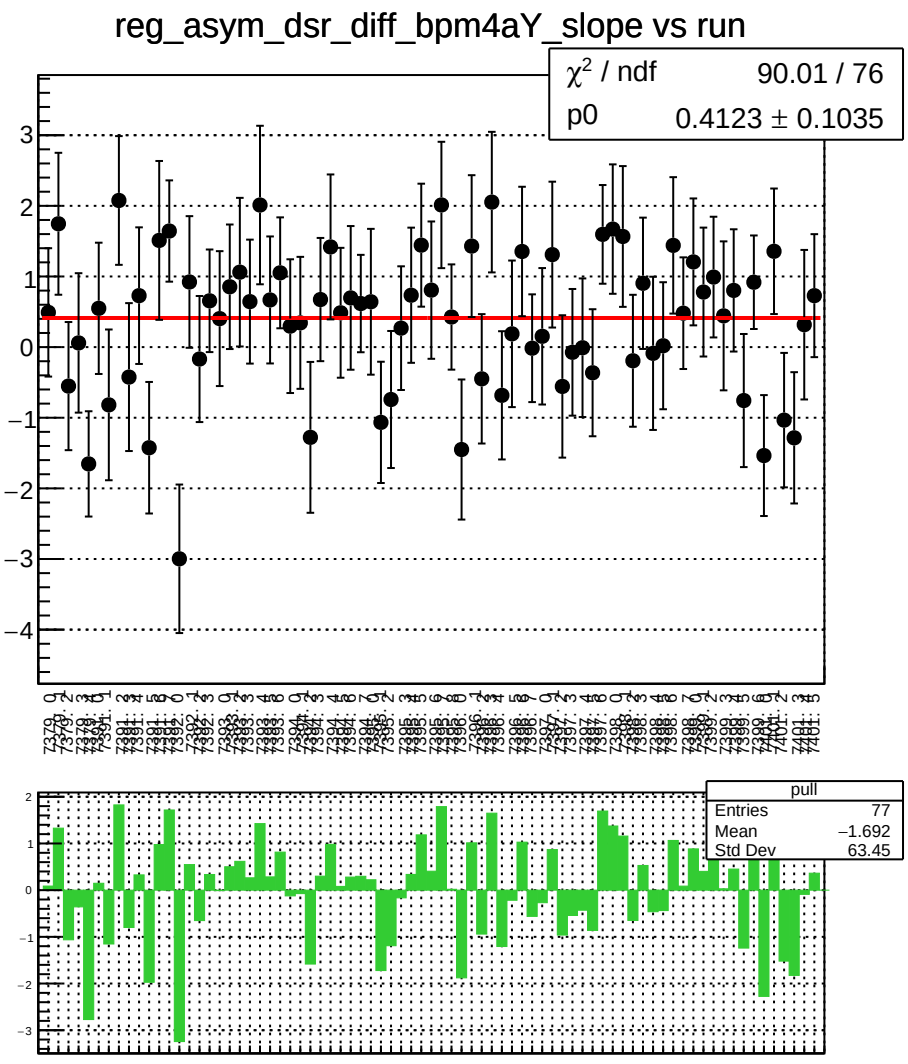

reg_asym_dsl_diff_bpm4eY_slope vs run
χ² / ndf 67.24 / 76
p0 0.07759 ± 0.07847
pull
Entries 77
Mean 4133
Std Dev 4096

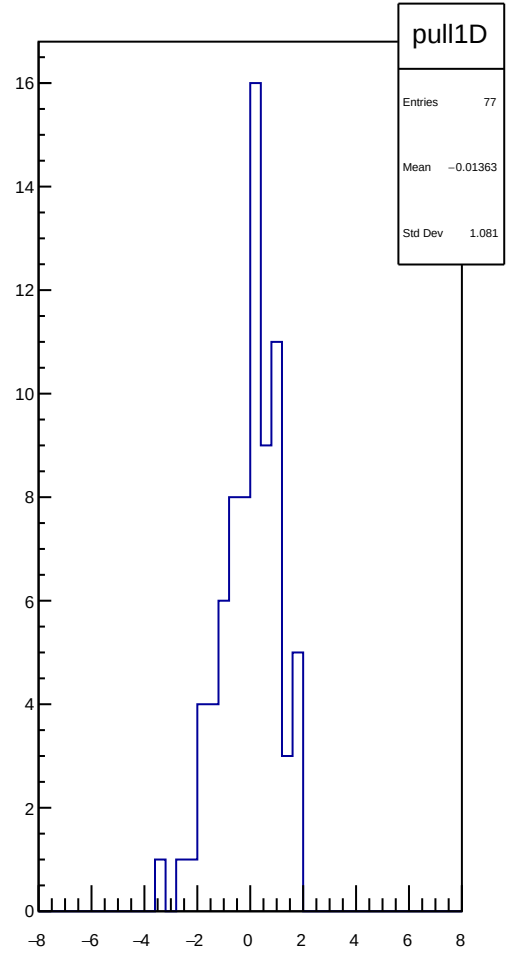

pull1D
Entries 77
Mean 0.001133
Std Dev 0.9345

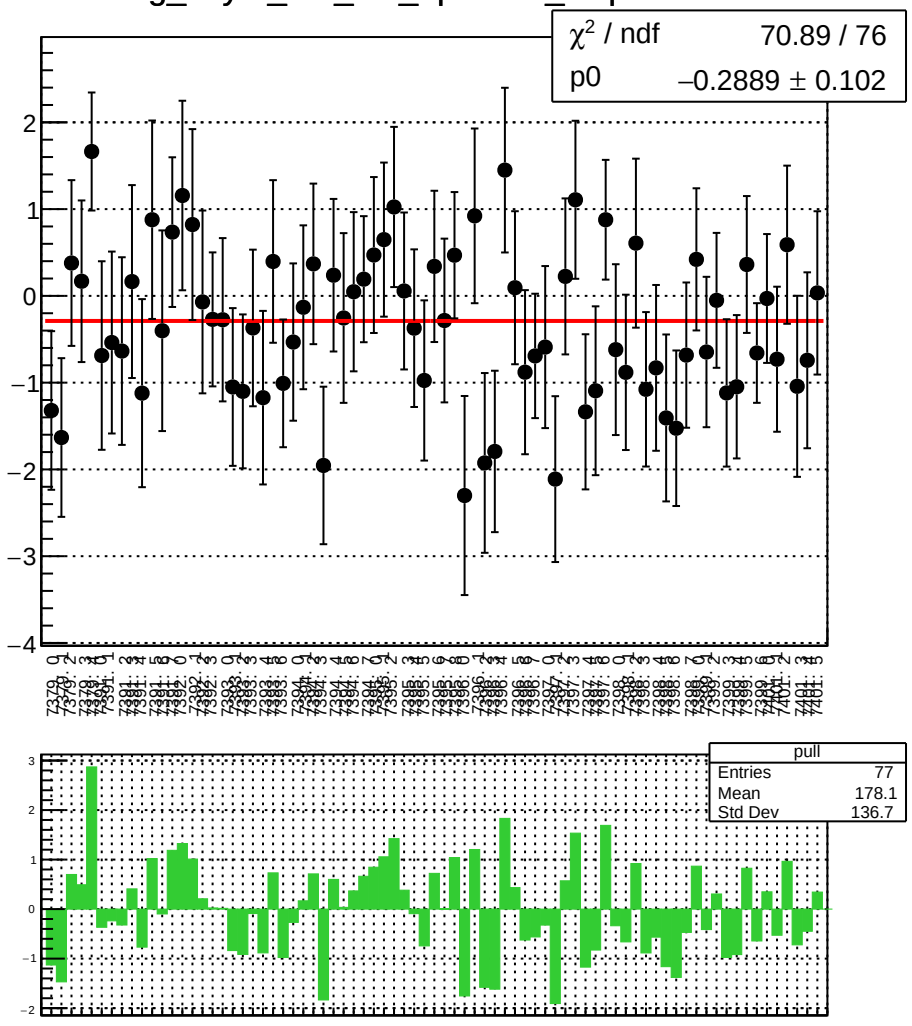

reg_asym_dsl_diff_bpm12X_slope vs run
χ² / ndf 114.2 / 76
p0 −0.001519 ± 0.003559
pull
Entries 77
Mean −135.9
Std Dev 34.21
pull1D
Entries 77
Mean 0.004375
Std Dev 1.218

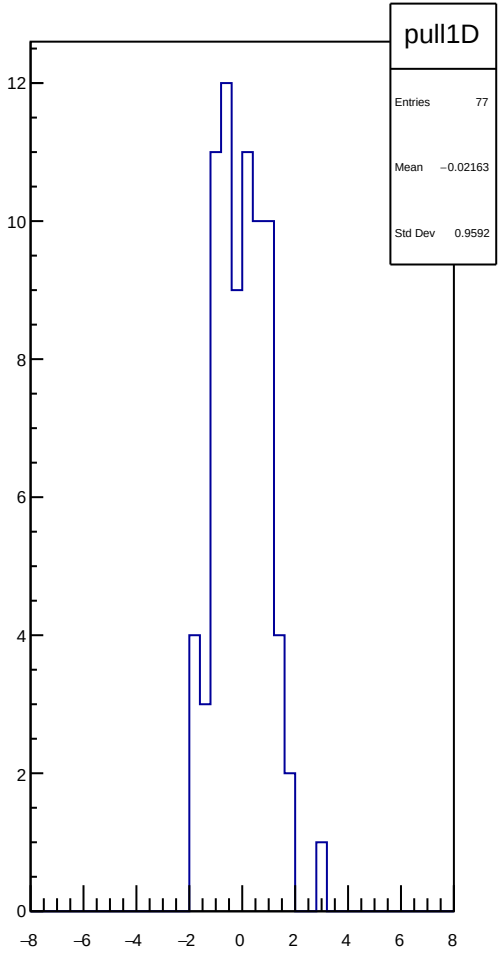

reg_asym_dsr_diff_bpm1X_slope vs run
χ² / ndf 71.88 / 76
p0 0.2335 ± 0.09831
pull
Entries 77
Mean 203.9
Std Dev 162.8

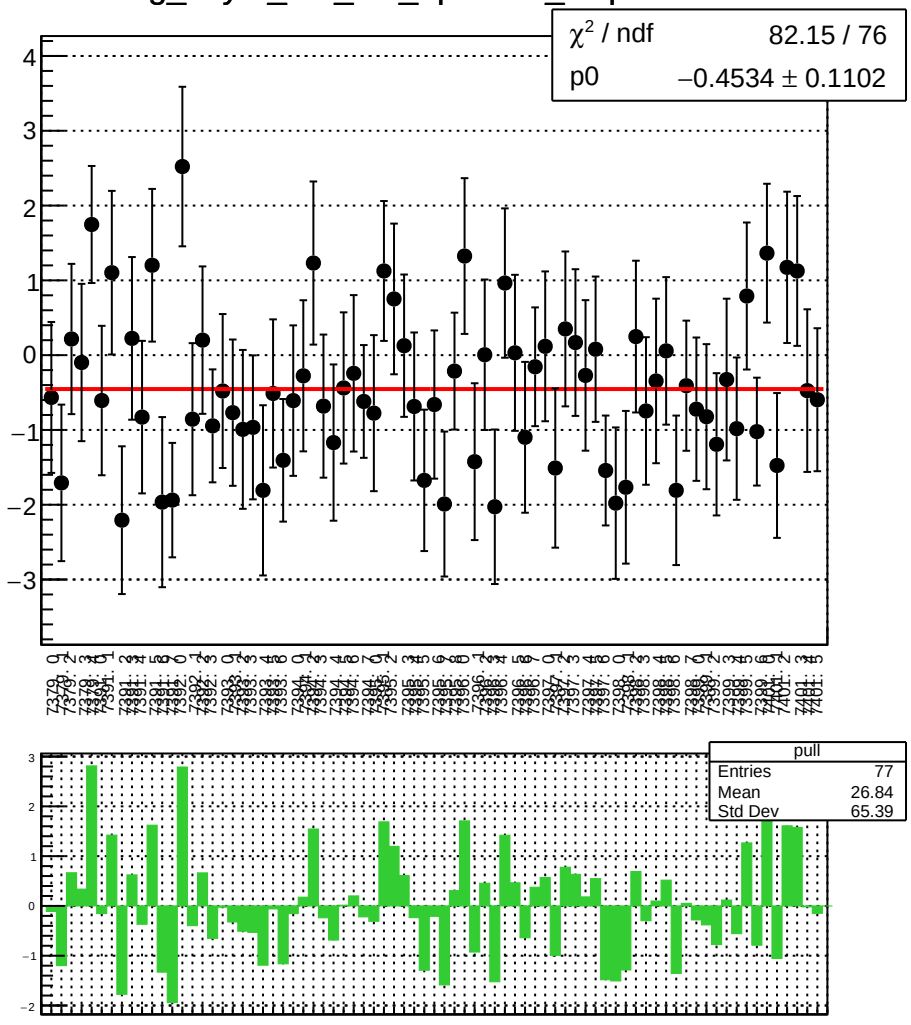

pull1D
Entries 77
Mean 0.021
Std Dev 0.966

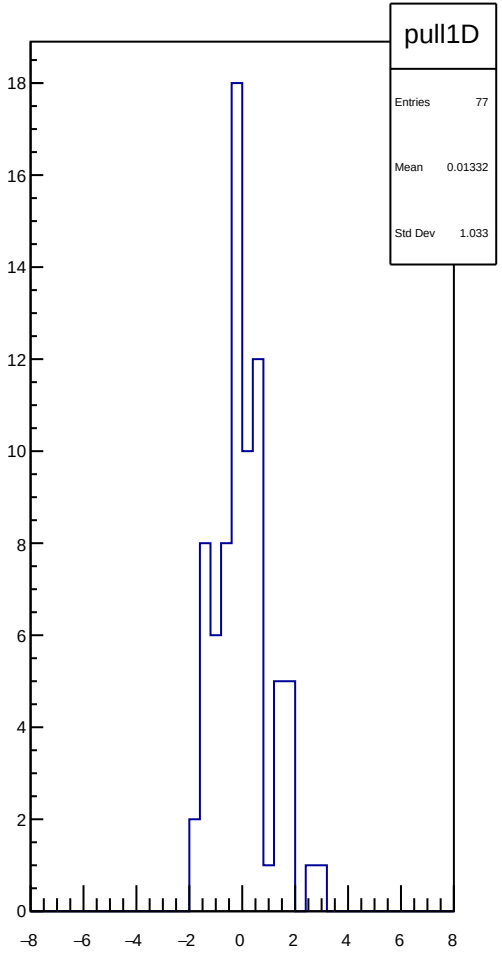

reg_asym_dsr_diff_bpm4aY_slope vs run
χ² / ndf 90.01 / 76
p0 0.4123 ± 0.1035
pull
Entries 77
Mean −1.692
Std Dev 63.45

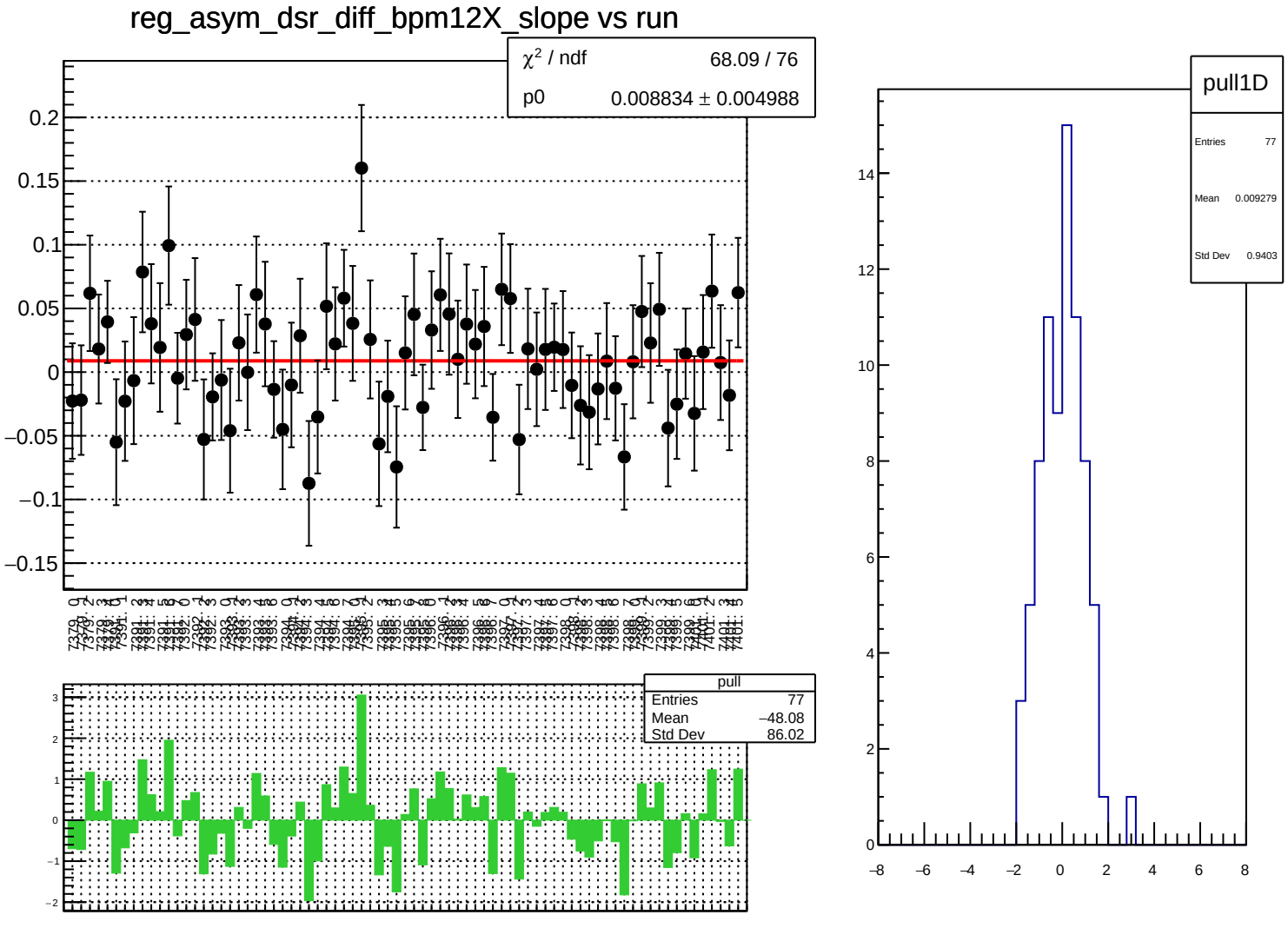

pull1D
Entries 77
Mean −0.01363
Std Dev 1.081

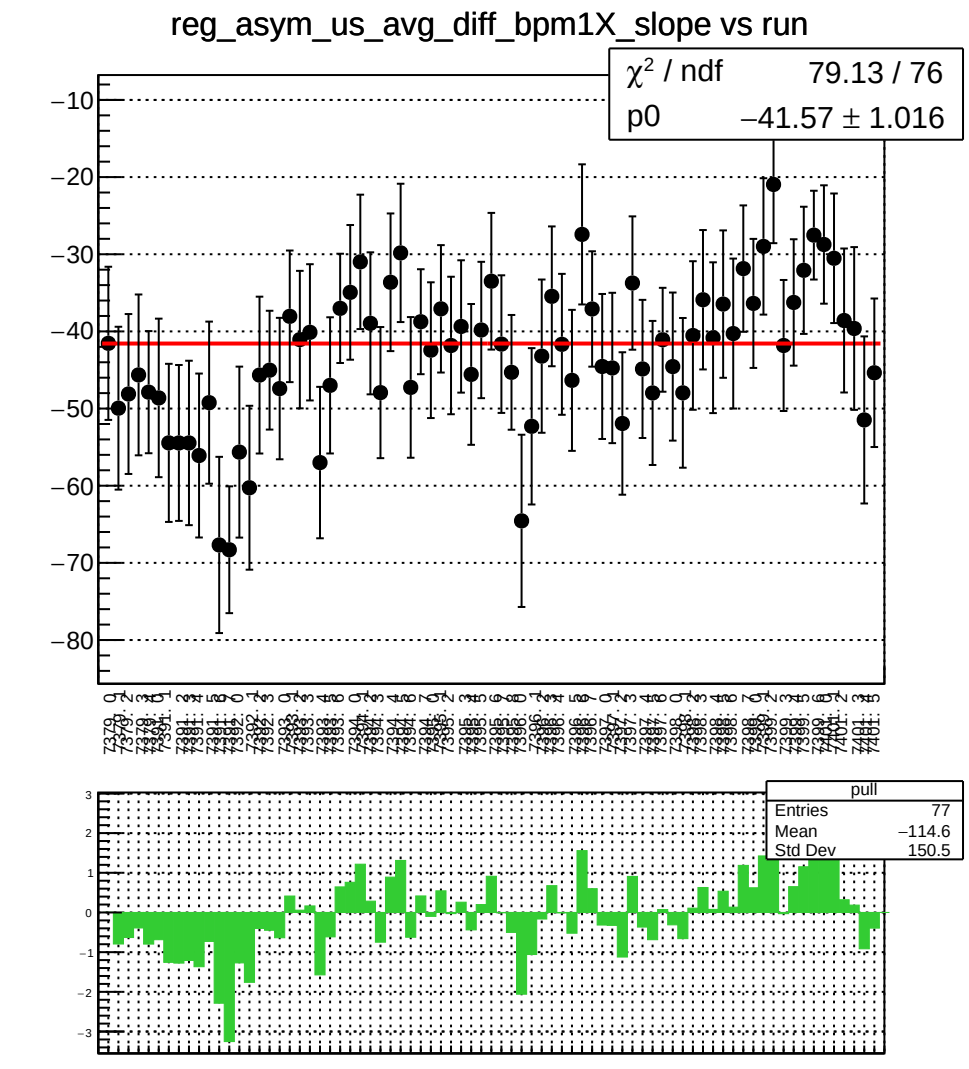

reg_asym_dsr_diff_bpm4eX_slope vs run
χ² / ndf 70.89 / 76
p0 −0.2889 ± 0.102
pull
Entries 77
Mean 178.1
Std Dev 136.7

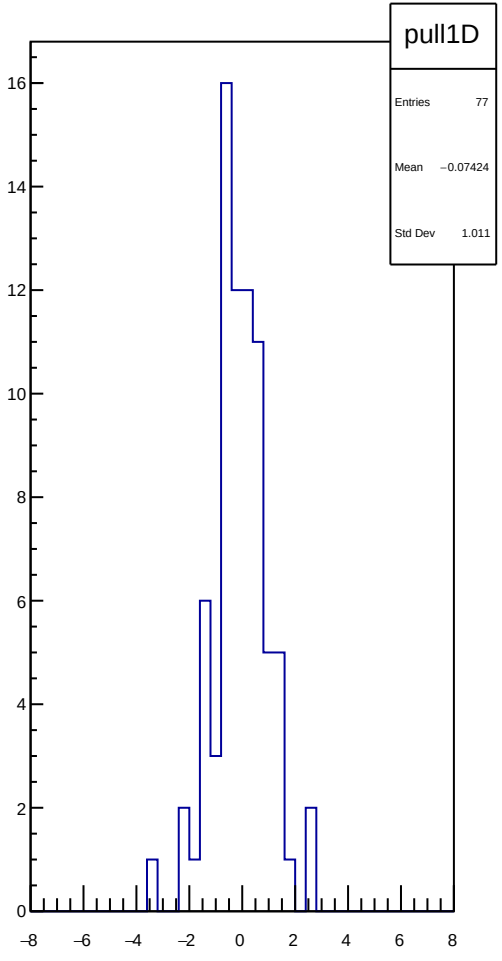

pull1D
Entries 77
Mean −0.02163
Std Dev 0.9592

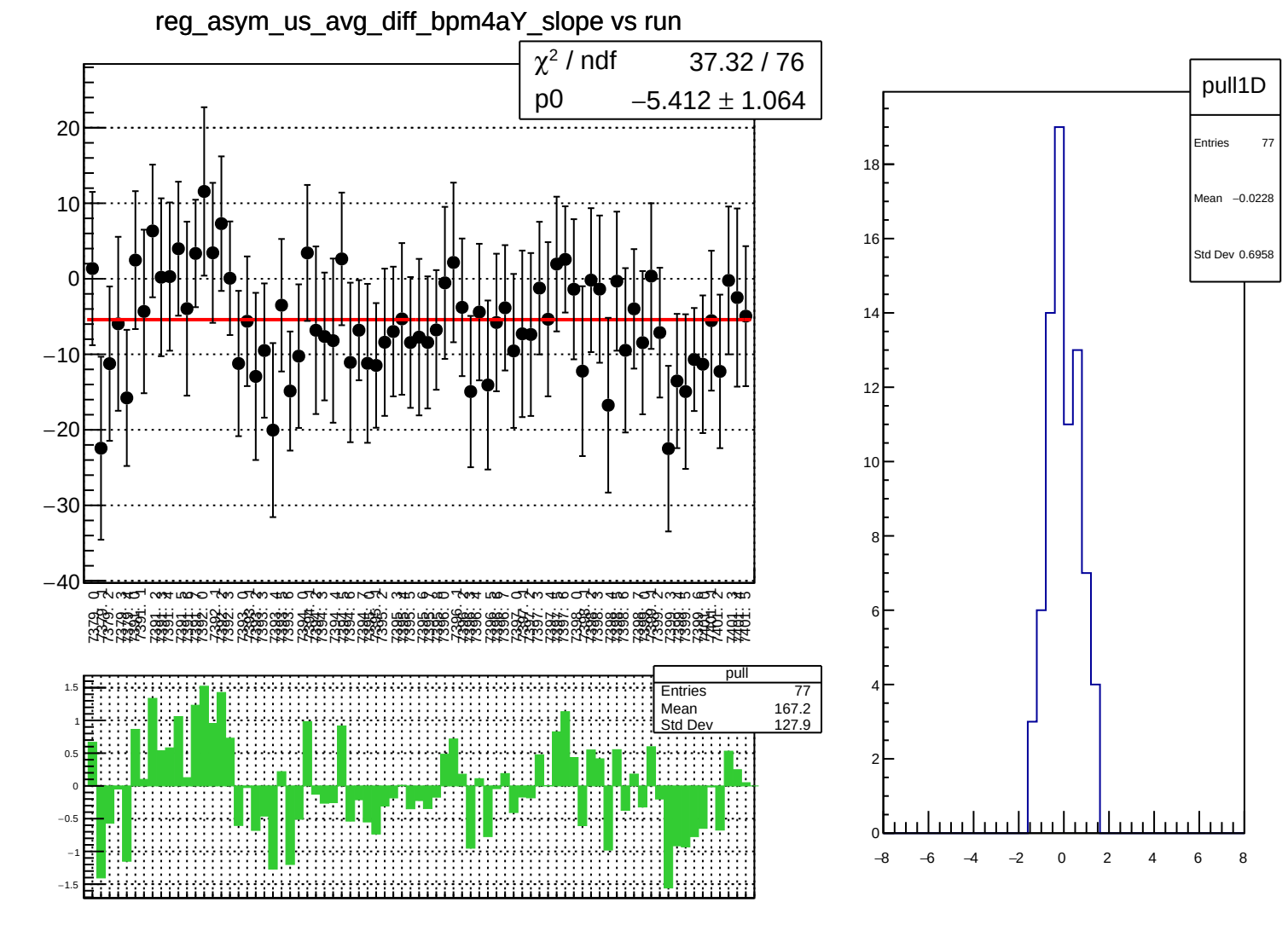

reg_asym_dsr_diff_bpm4eY_slope vs run
χ² / ndf 82.15 / 76
p0 −0.4534 ± 0.1102
pull
Entries 77
Mean 26.84
Std Dev 65.39

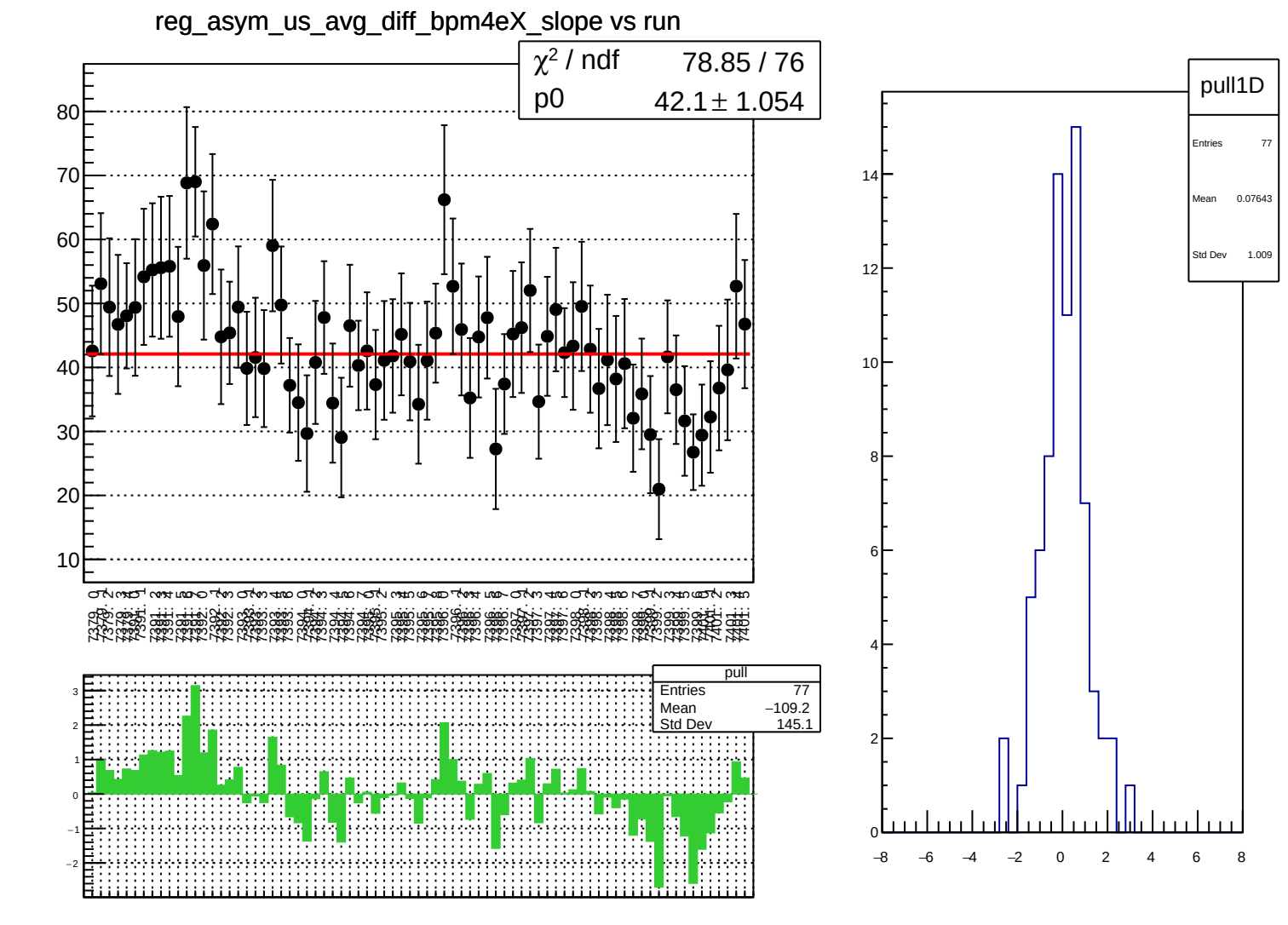

pull1D
Entries 77
Mean 0.01332
Std Dev 1.033

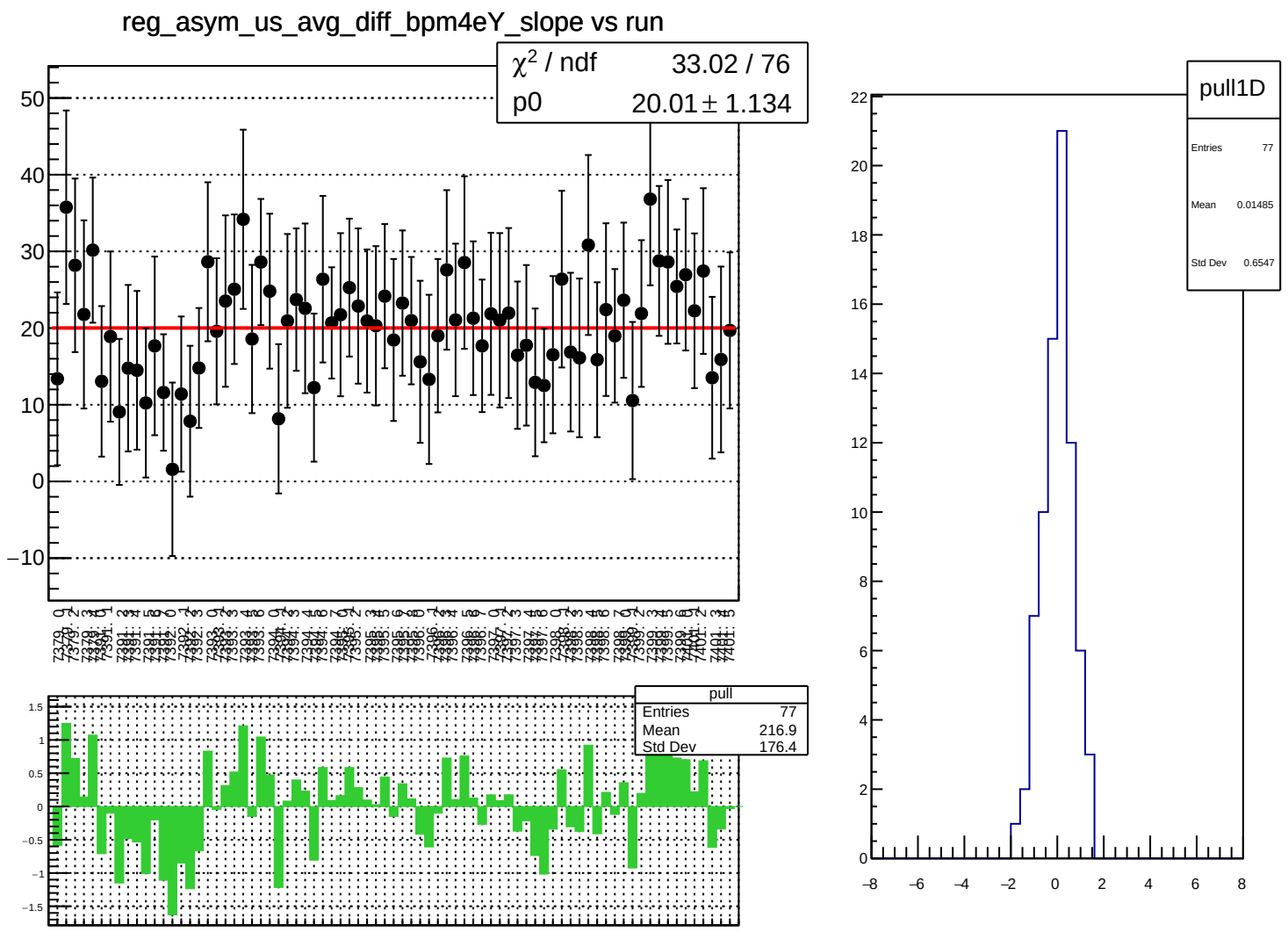

reg_asym_dsr_diff_bpm12X_slope vs run
χ² / ndf 68.09 / 76
p0 0.008834 ± 0.004988
pull
Entries 77
Mean −48.08
Std Dev 86.02
pull1D
Entries 77
Mean 0.009279
Std Dev 0.9403

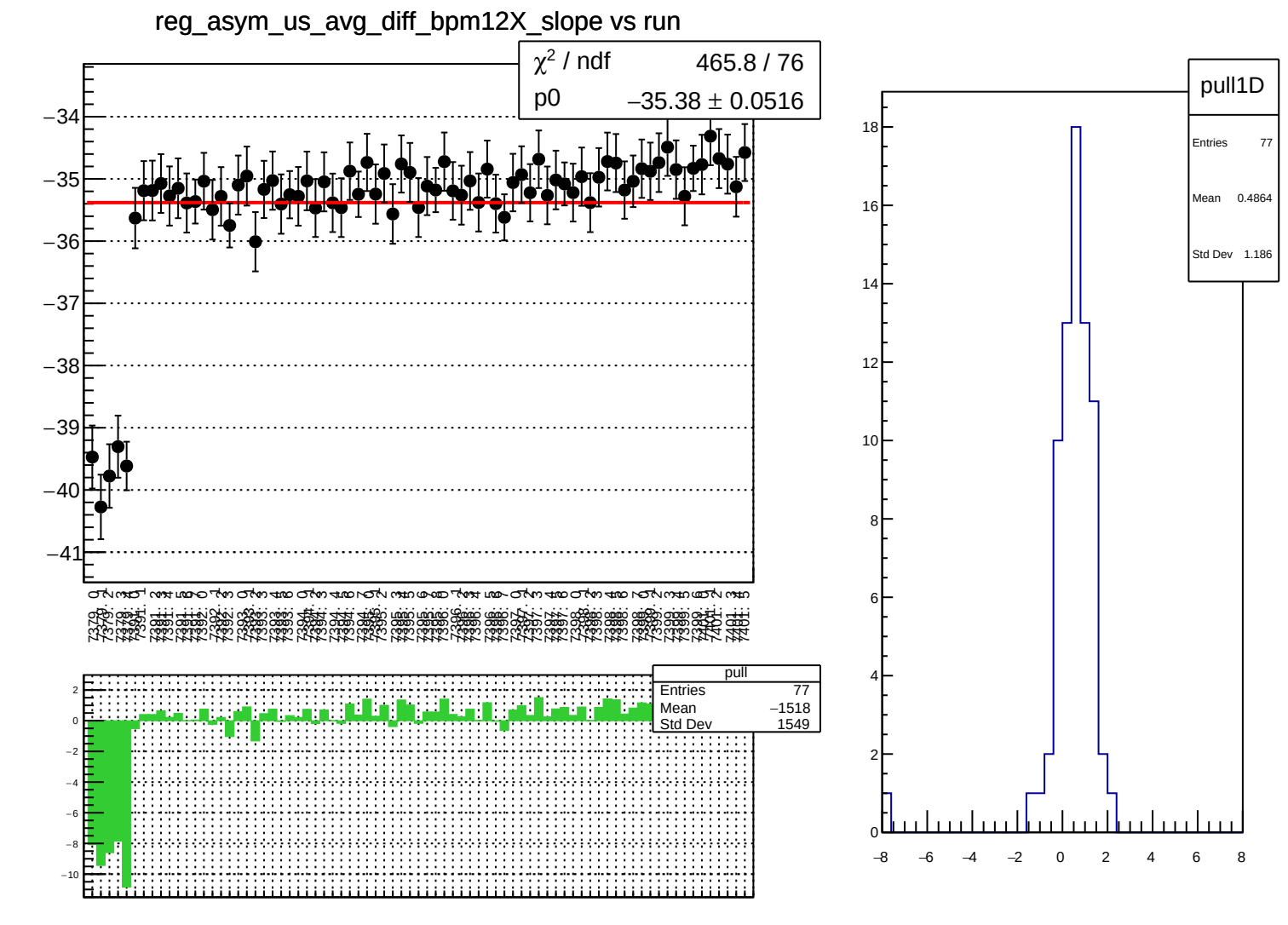

reg_asym_us_avg_diff_bpm1X_slope vs run
χ² / ndf 79.13 / 76
p0 −41.57 ± 1.016
pull
Entries 77
Mean −114.6
Std Dev 150.5

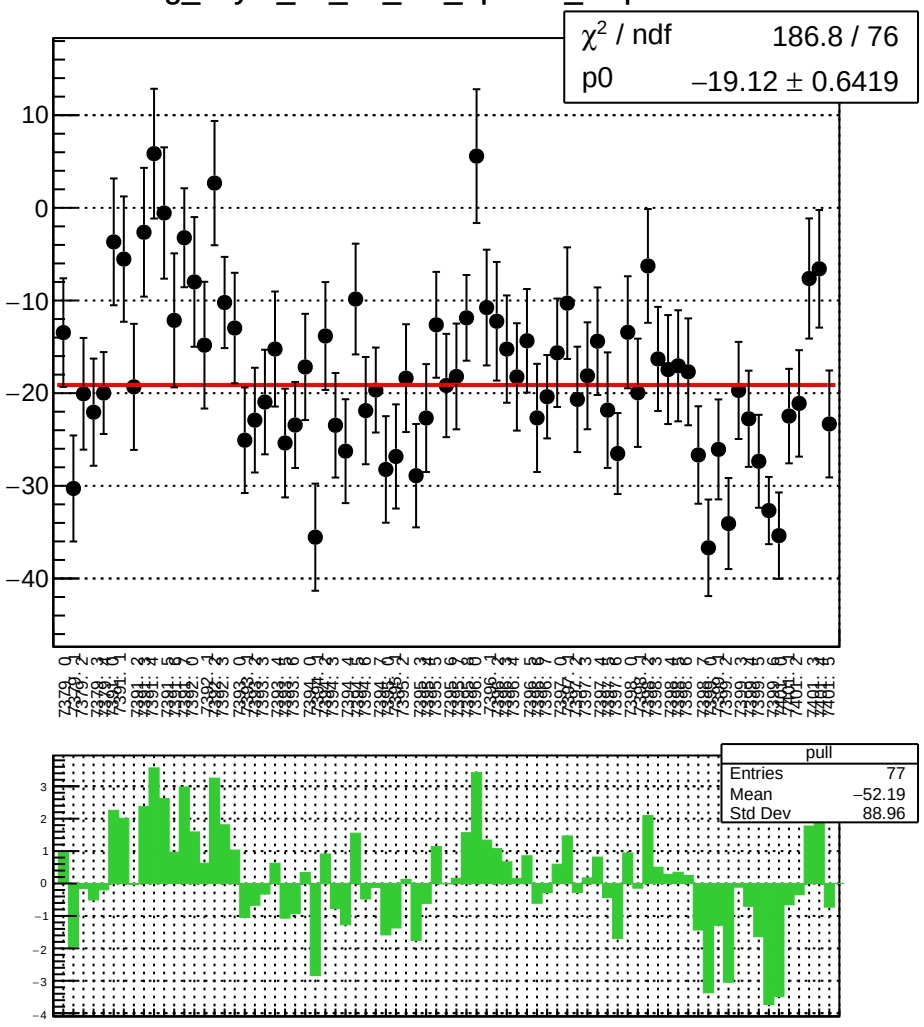

pull1D
Entries 77
Mean −0.07424
Std Dev 1.011

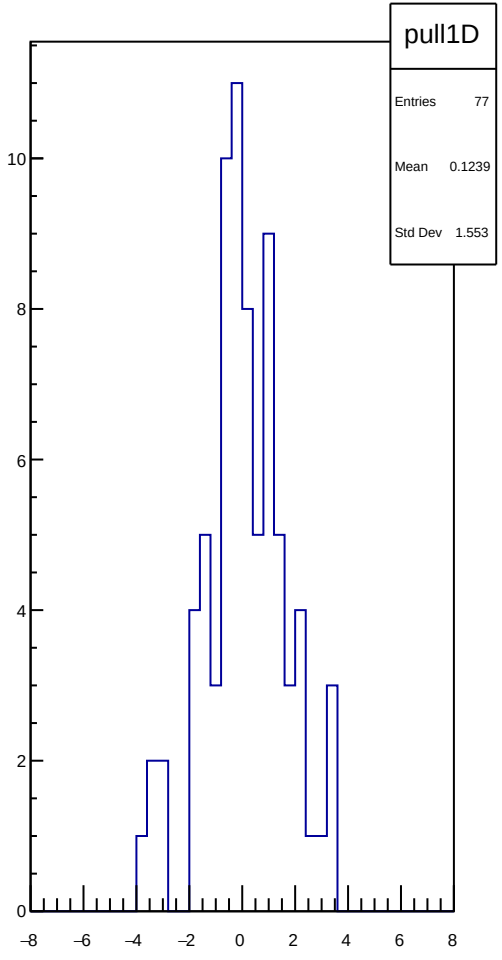

reg_asym_us_avg_diff_bpm4aY_slope vs run
χ² / ndf 37.32 / 76
p0 −5.412 ± 1.064
pull
Entries 77
Mean 167.2
Std Dev 127.9
pull1D
Entries 77
Mean −0.0228
Std Dev 0.6958

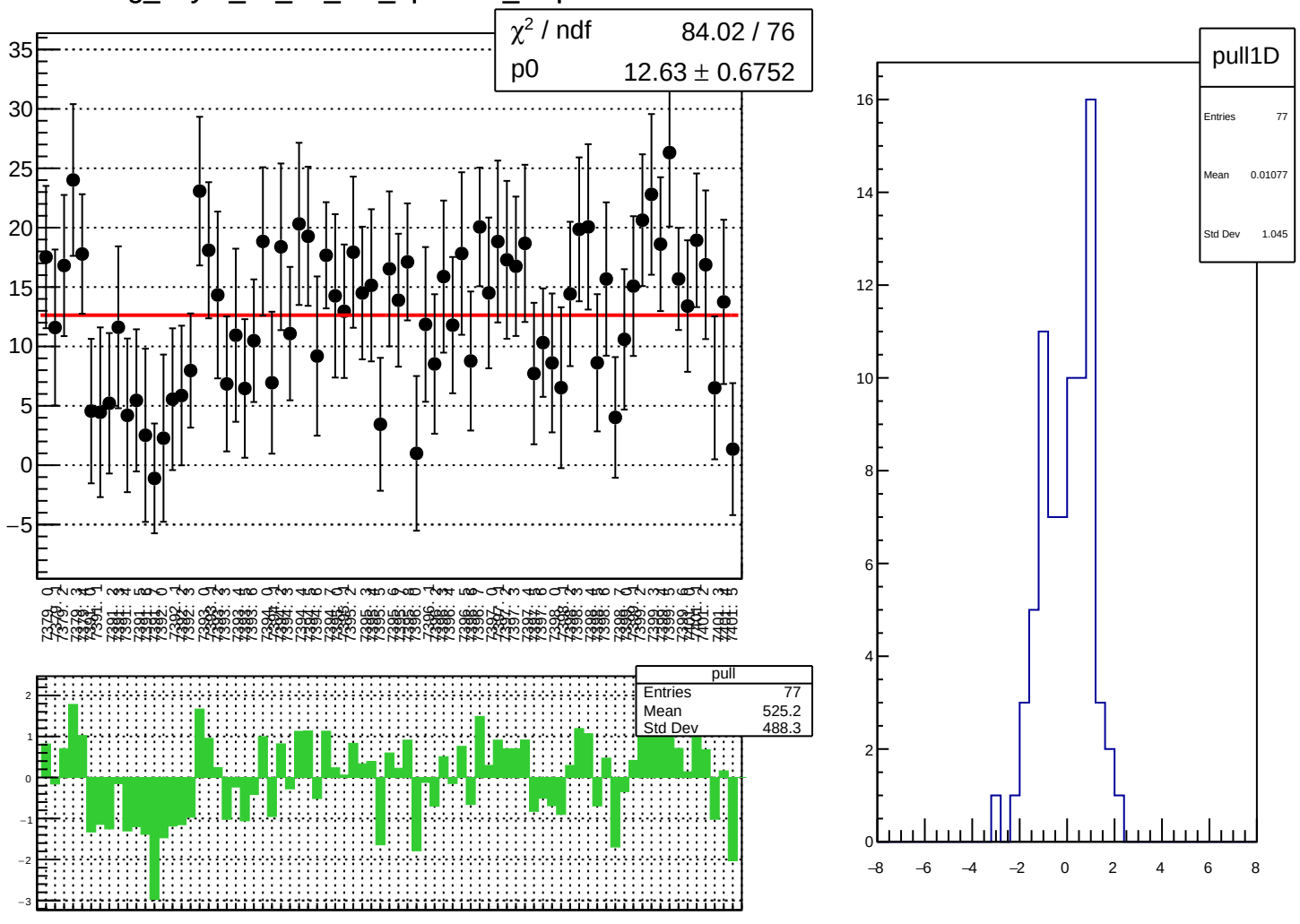

reg_asym_us_avg_diff_bpm4eX_slope vs run
χ² / ndf 78.85 / 76
p0 42.1 ± 1.054
pull
Entries 77
Mean −109.2
Std Dev 145.1
pull1D
Entries 77
Mean 0.07643
Std Dev 1.009

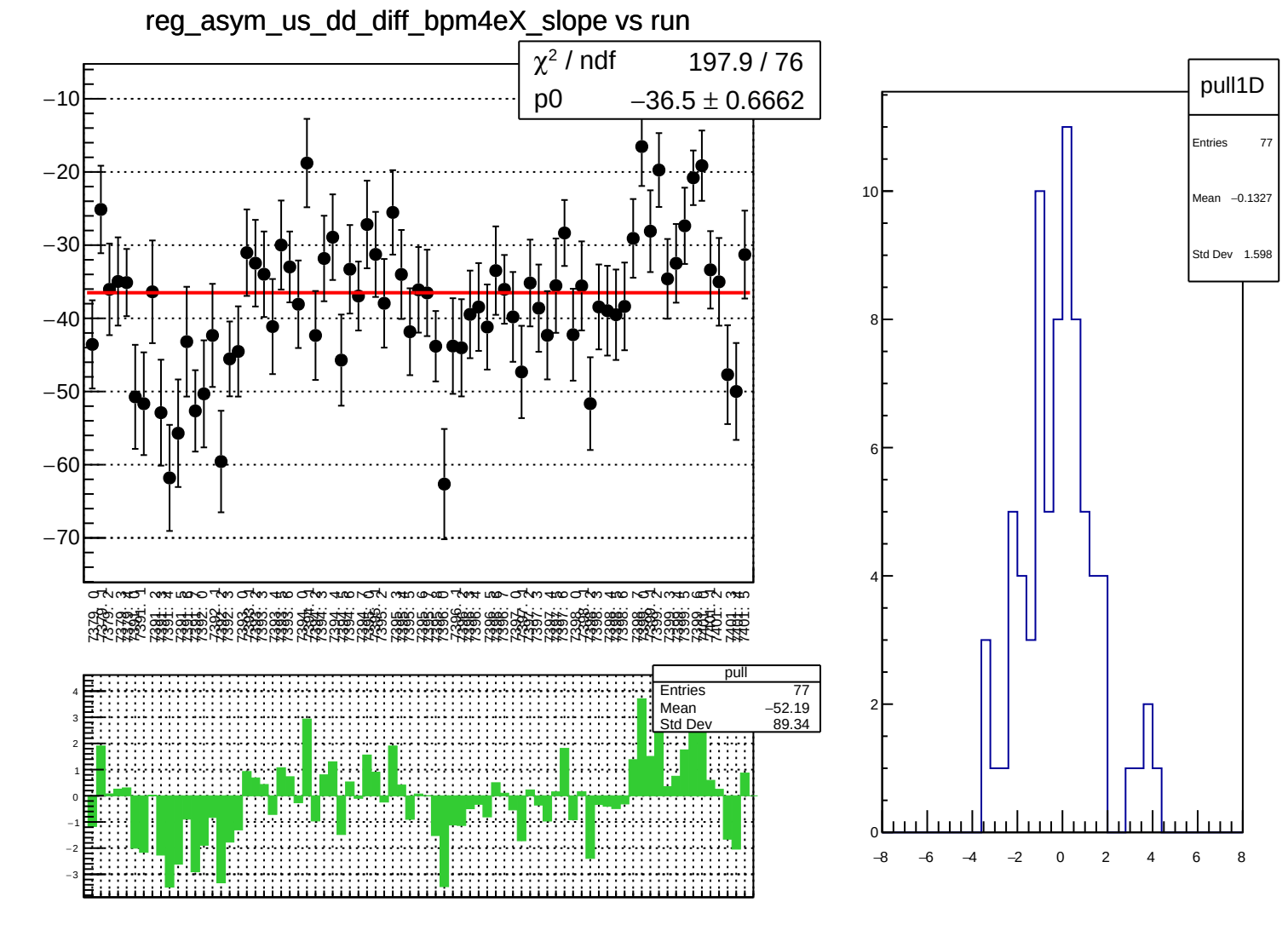

reg_asym_us_avg_diff_bpm4eY_slope vs run
χ² / ndf 33.02 / 76
p0 20.01 ± 1.134
pull
Entries 77
Mean 216.9
Std Dev 176.4
pull1D
Entries 77
Mean 0.01485
Std Dev 0.6547

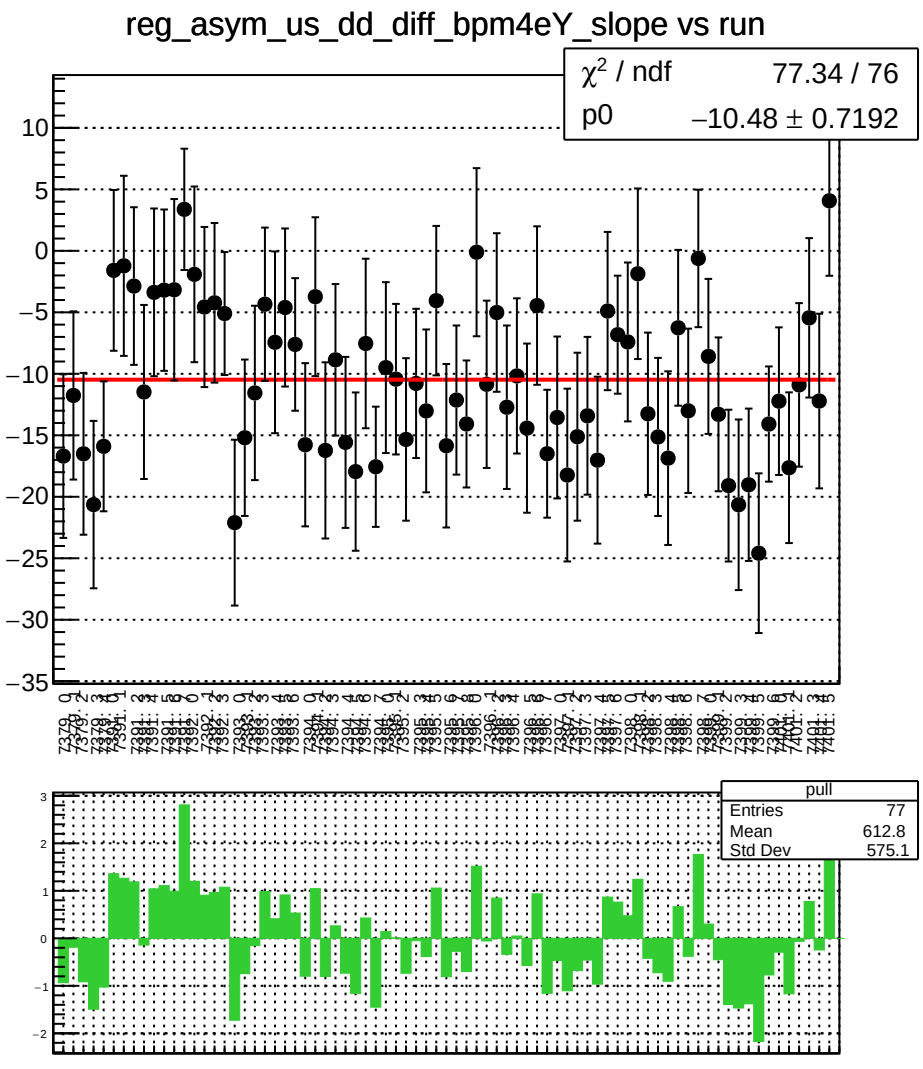

reg_asym_us_avg_diff_bpm12X_slope vs run
χ² / ndf 465.8 / 76
p0 −35.38 ± 0.0516
pull
Entries 77
Mean −1518
Std Dev 1549
pull1D
Entries 77
Mean 0.4864
Std Dev 1.186

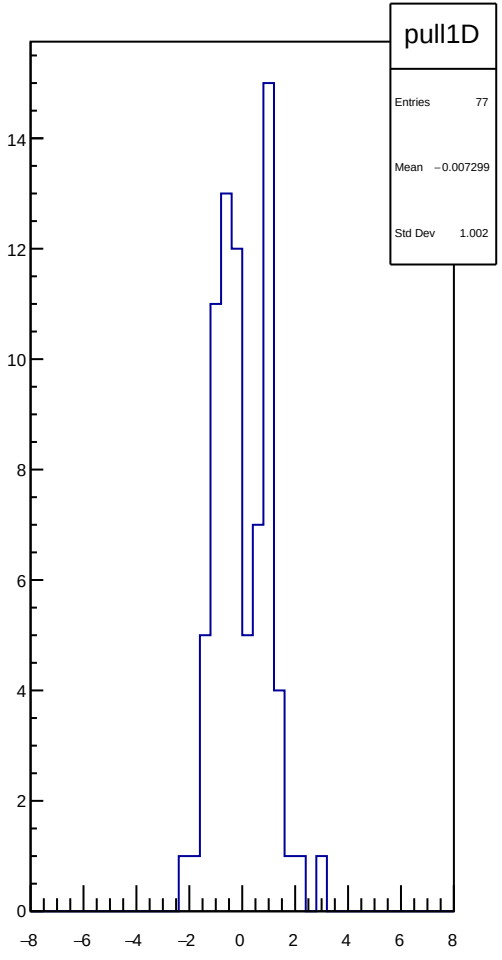

reg_asym_us_dd_diff_bpm1X_slope vs run
χ² / ndf 186.8 / 76
p0 −19.12 ± 0.6419
pull
Entries 77
Mean −52.19
Std Dev 88.96

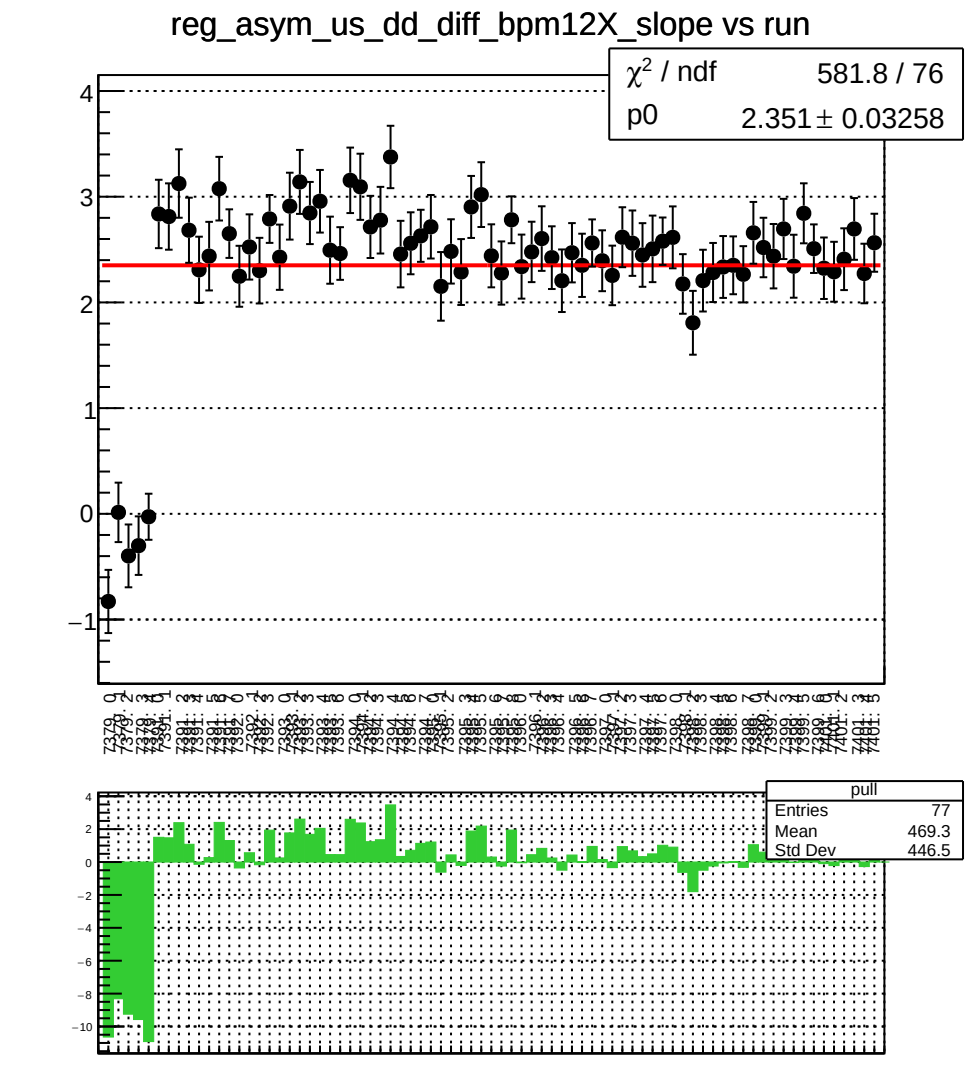

pull1D
Entries 77
Mean 0.1239
Std Dev 1.553

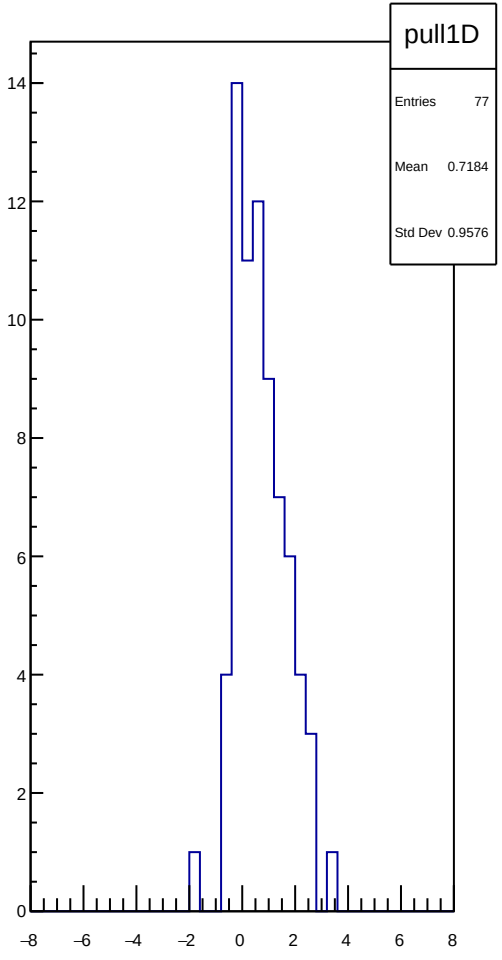

reg_asym_us_dd_diff_bpm4aY_slope vs run
χ² / ndf 84.02 / 76
p0 12.63 ± 0.6752
pull
Entries 77
Mean 525.2
Std Dev 488.3
pull1D
Entries 77
Mean 0.01077
Std Dev 1.045

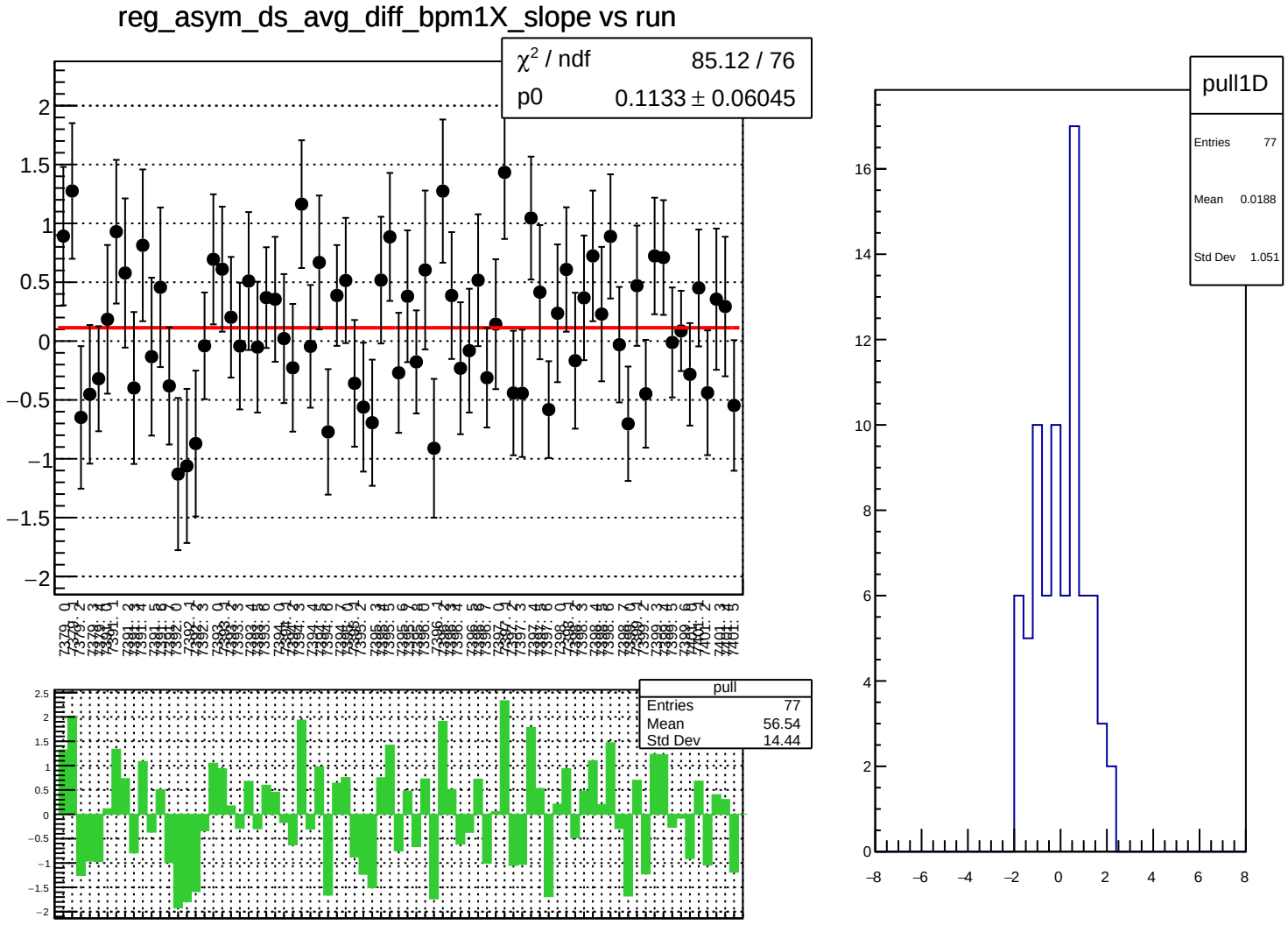

reg_asym_us_dd_diff_bpm4eX_slope vs run
χ² / ndf 197.9 / 76
p0 −36.5 ± 0.6662
pull
Entries 77
Mean −52.19
Std Dev 89.34
pull1D
Entries 77
Mean −0.1327
Std Dev 1.598

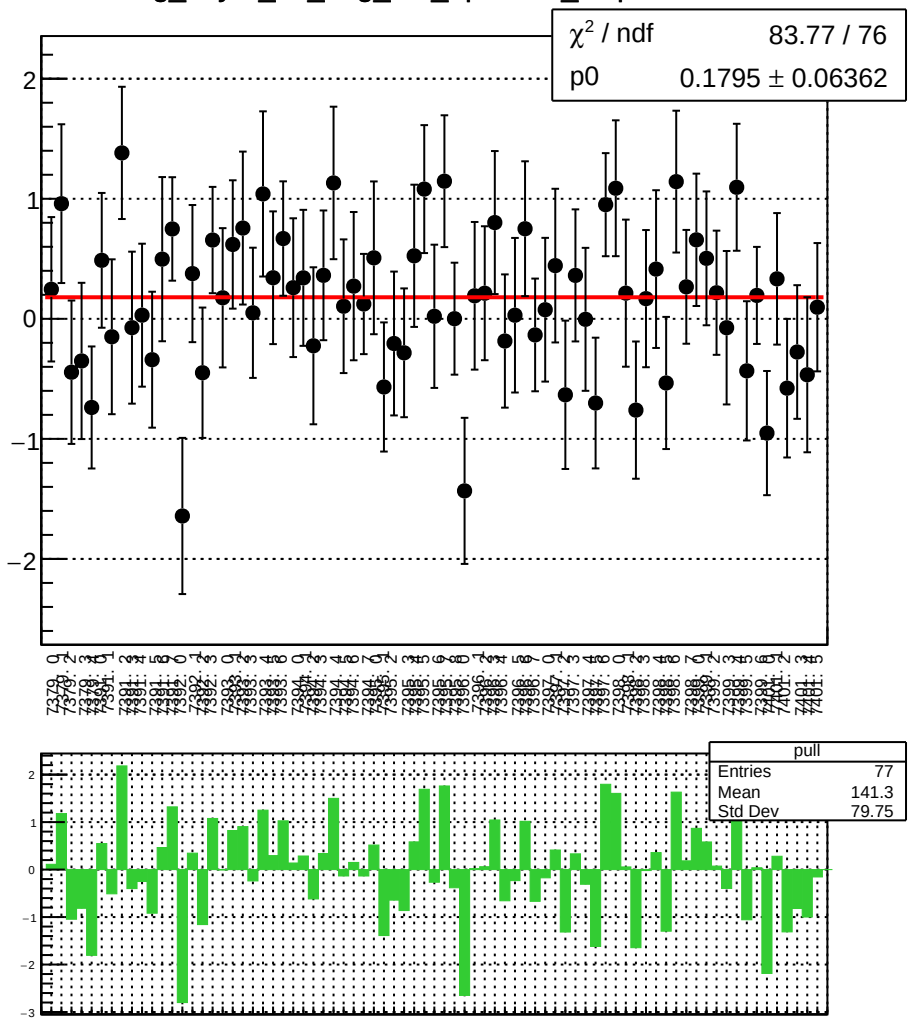

reg_asym_us_dd_diff_bpm4eY_slope vs run
χ² / ndf 77.34 / 76
p0 −10.48 ± 0.7192
pull
Entries 77
Mean 612.8
Std Dev 575.1

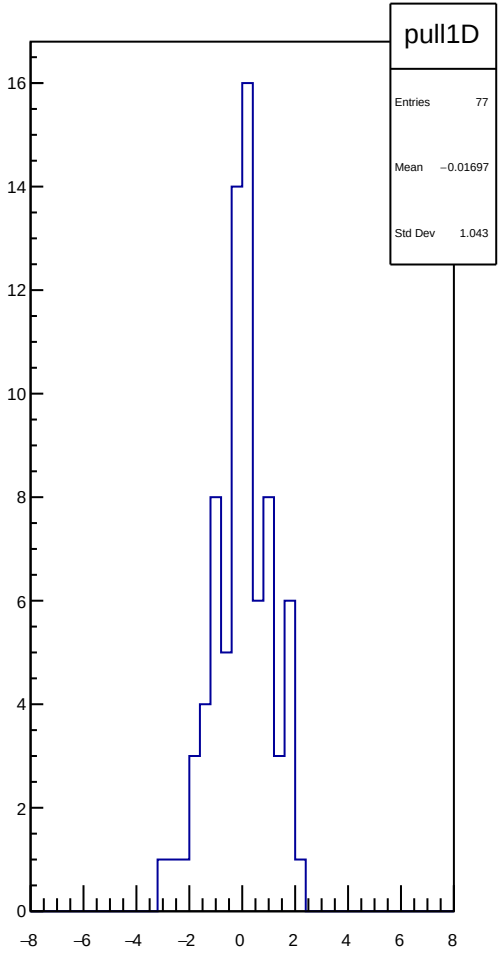

pull1D
Entries 77
Mean −0.007299
Std Dev 1.002

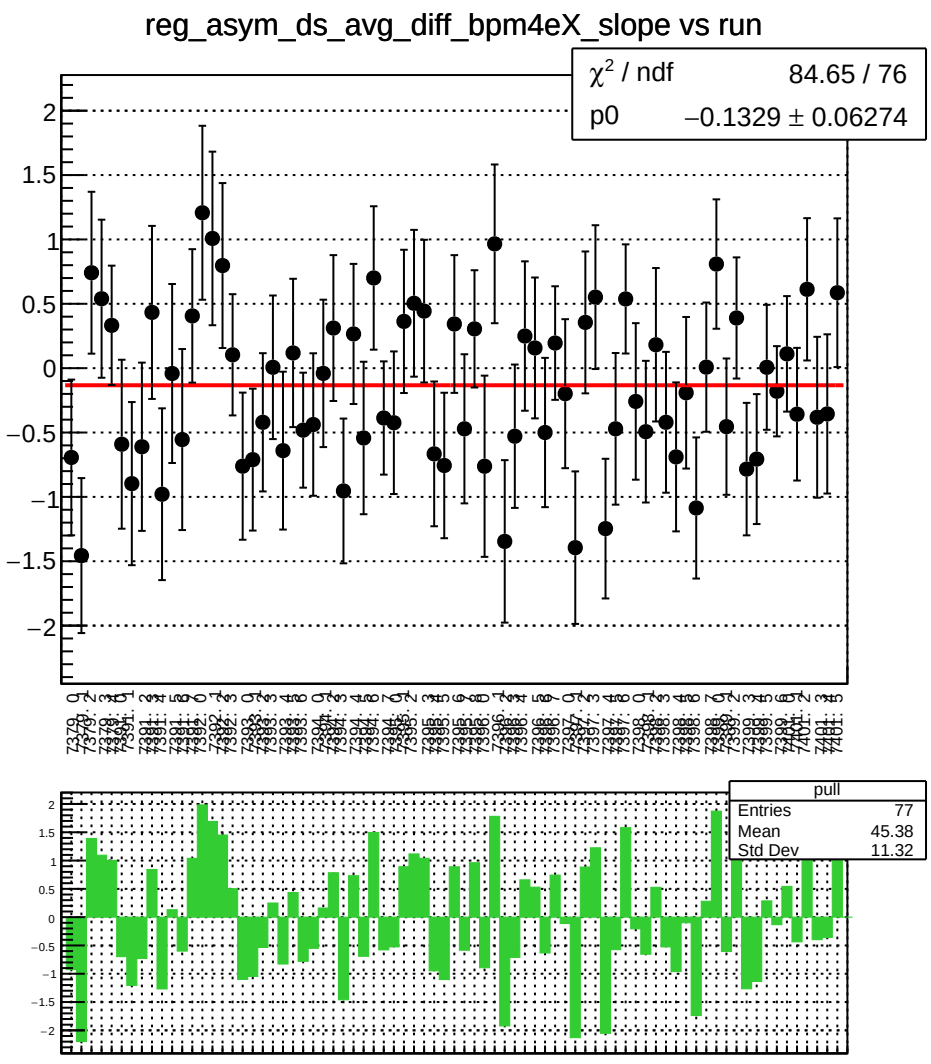

reg_asym_us_dd_diff_bpm12X_slope vs run
χ² / ndf 581.8 / 76
p0 2.351 ± 0.03258
pull
Entries 77
Mean 469.3
Std Dev 446.5

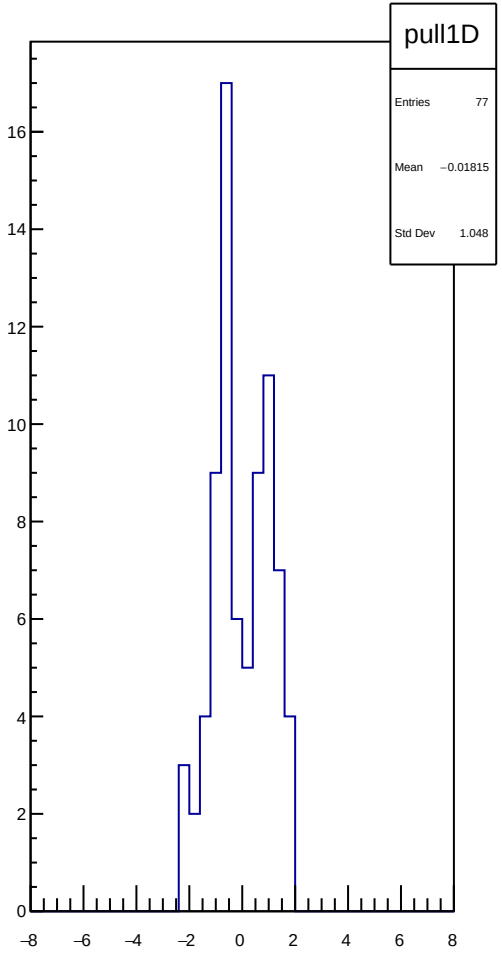

pull1D
Entries 77
Mean 0.7184
Std Dev 0.9576

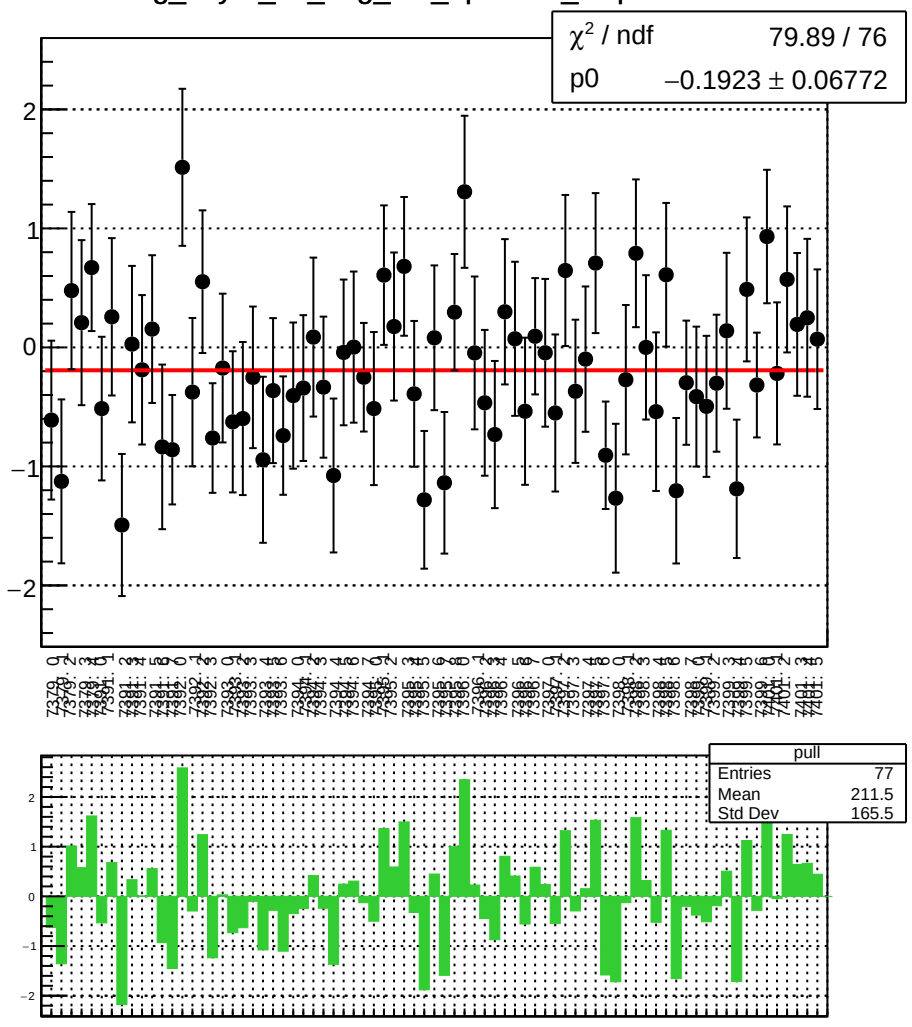

reg_asym_ds_avg_diff_bpm1X_slope vs run
χ^2 / ndf 85.12 / 76
p0 0.1133 ± 0.06045
pull
Entries 77
Mean 56.54
Std Dev 14.44
pull1D
Entries 77
Mean 0.0188
Std Dev 1.051

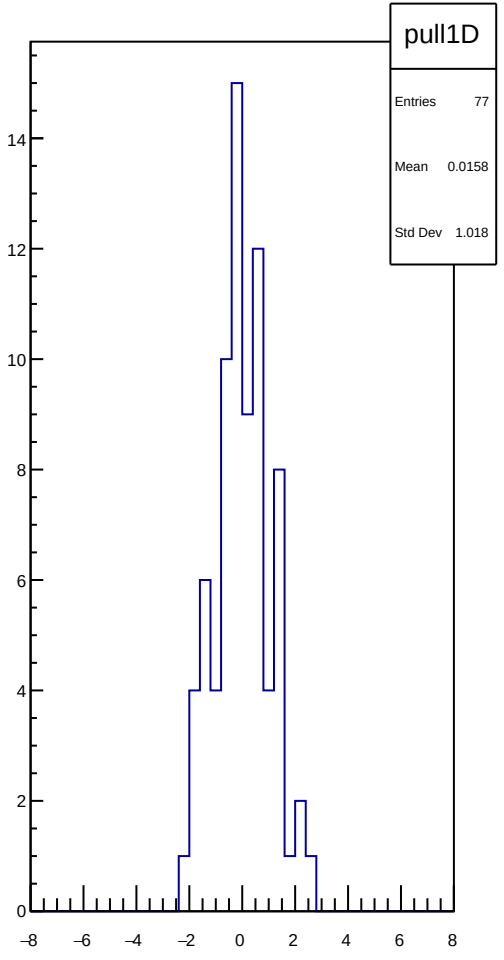

reg_asym_ds_avg_diff_bpm4aY_slope vs run
χ² / ndf 83.77 / 76
p0 0.1795 ± 0.06362
pull
Entries 77
Mean 141.3
Std Dev 79.75

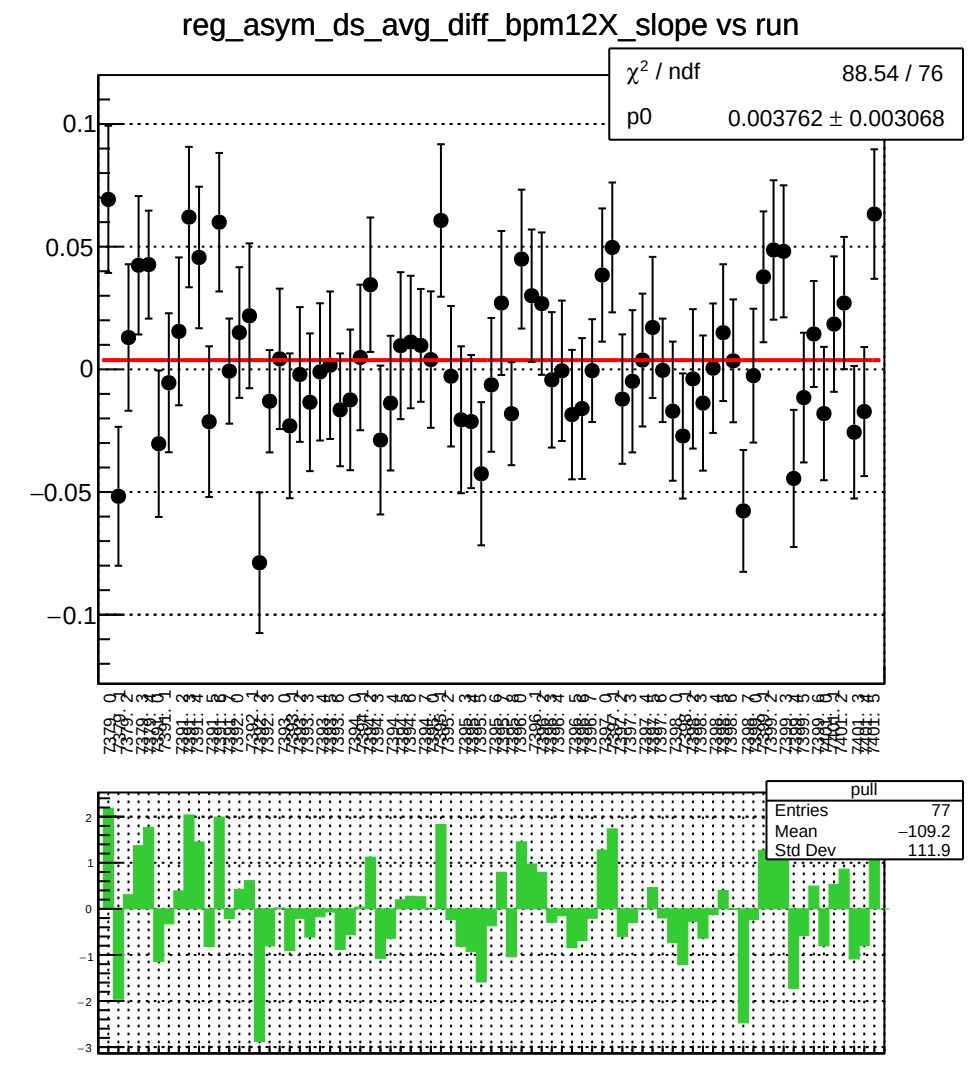

pull1D
Entries 77
Mean −0.01697
Std Dev 1.043

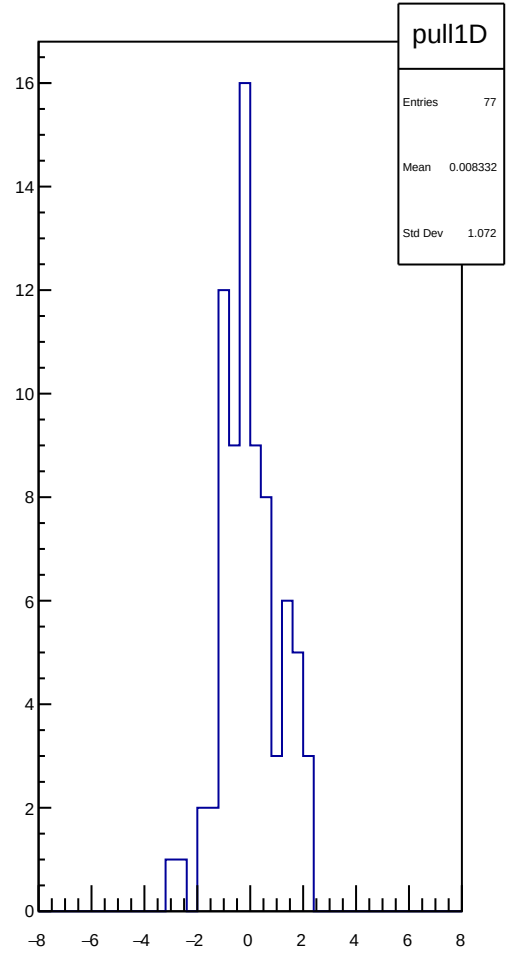

reg_asym_ds_avg_diff_bpm4eX_slope vs run
χ² / ndf 84.65 / 76
p0 −0.1329 ± 0.06274
pull
Entries 77
Mean 45.38
Std Dev 11.32

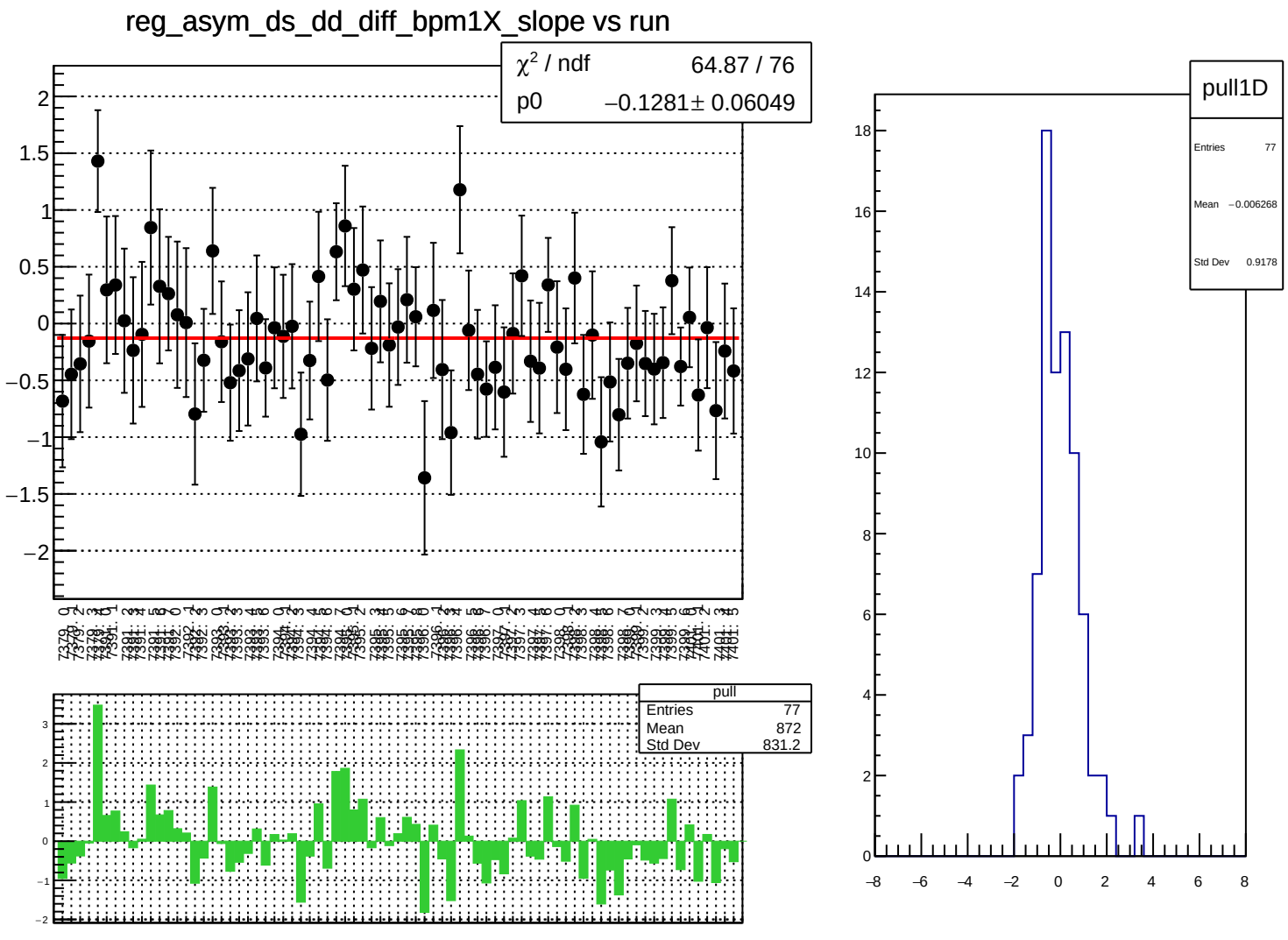

pull1D
Entries 77
Mean −0.01815
Std Dev 1.048

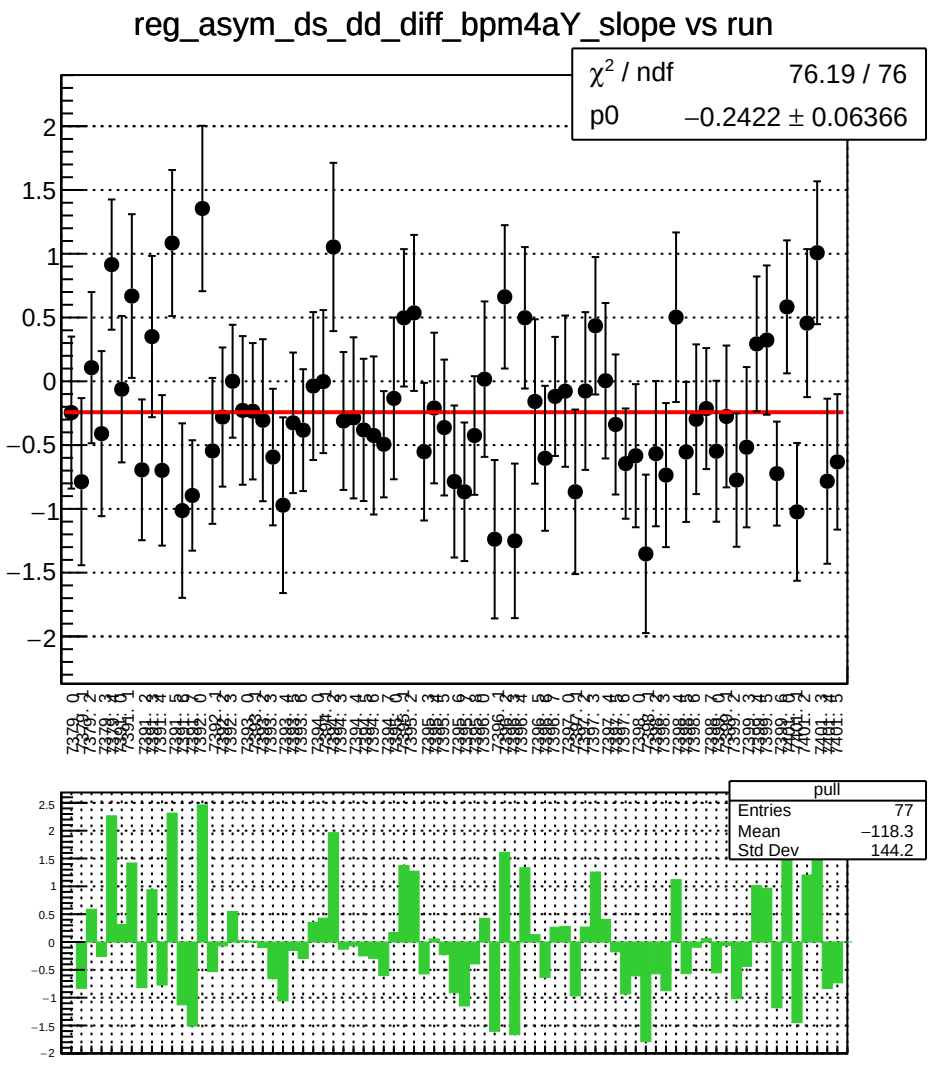

reg_asym_ds_avg_diff_bpm4eY_slope vs run
χ² / ndf 79.89 / 76
p0 −0.1923 ± 0.06772
pull
Entries 77
Mean 211.5
Std Dev 165.5

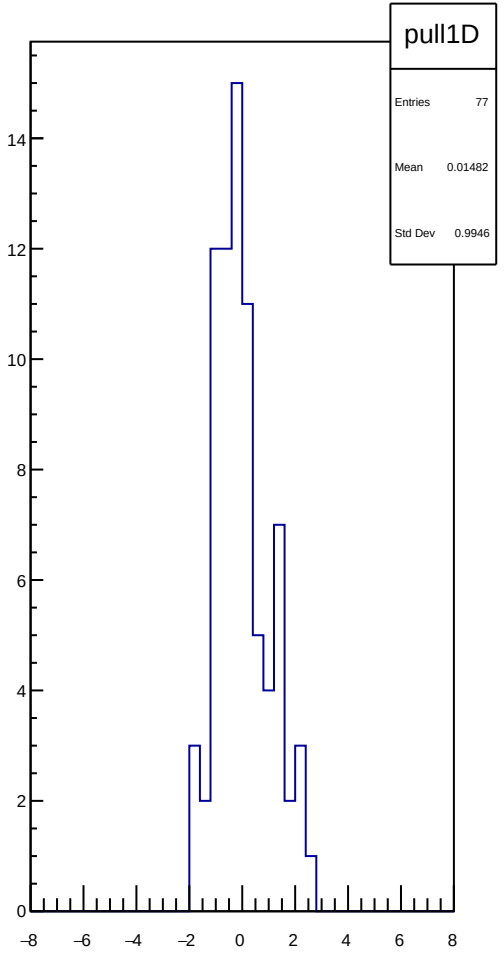

pull1D
Entries 77
Mean 0.0158
Std Dev 1.018

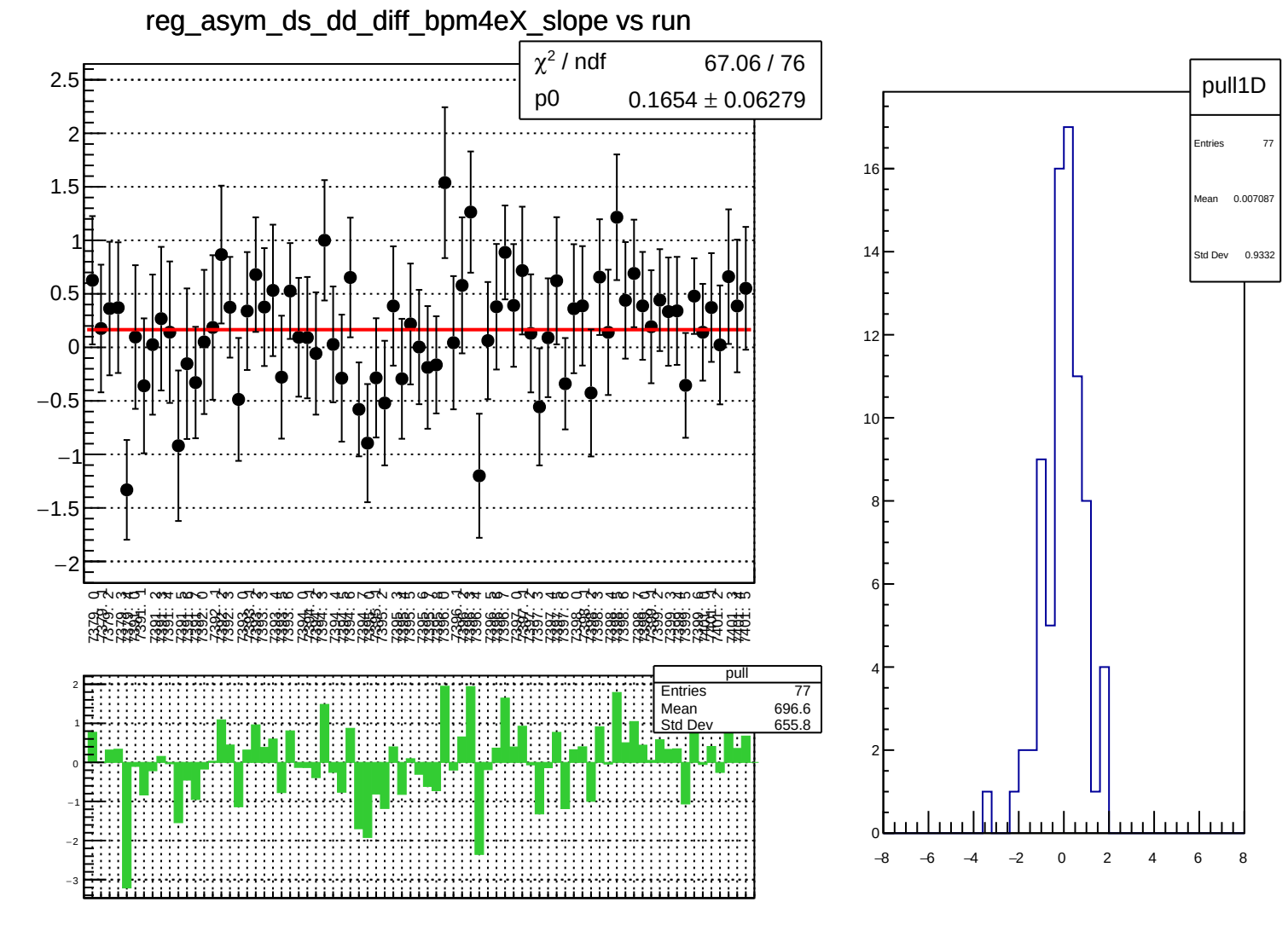

reg_asym_ds_avg_diff_bpm12X_slope vs run
χ² / ndf 88.54 / 76
p0 0.003762 ± 0.003068
pull
Entries 77
Mean −109.2
Std Dev 111.9

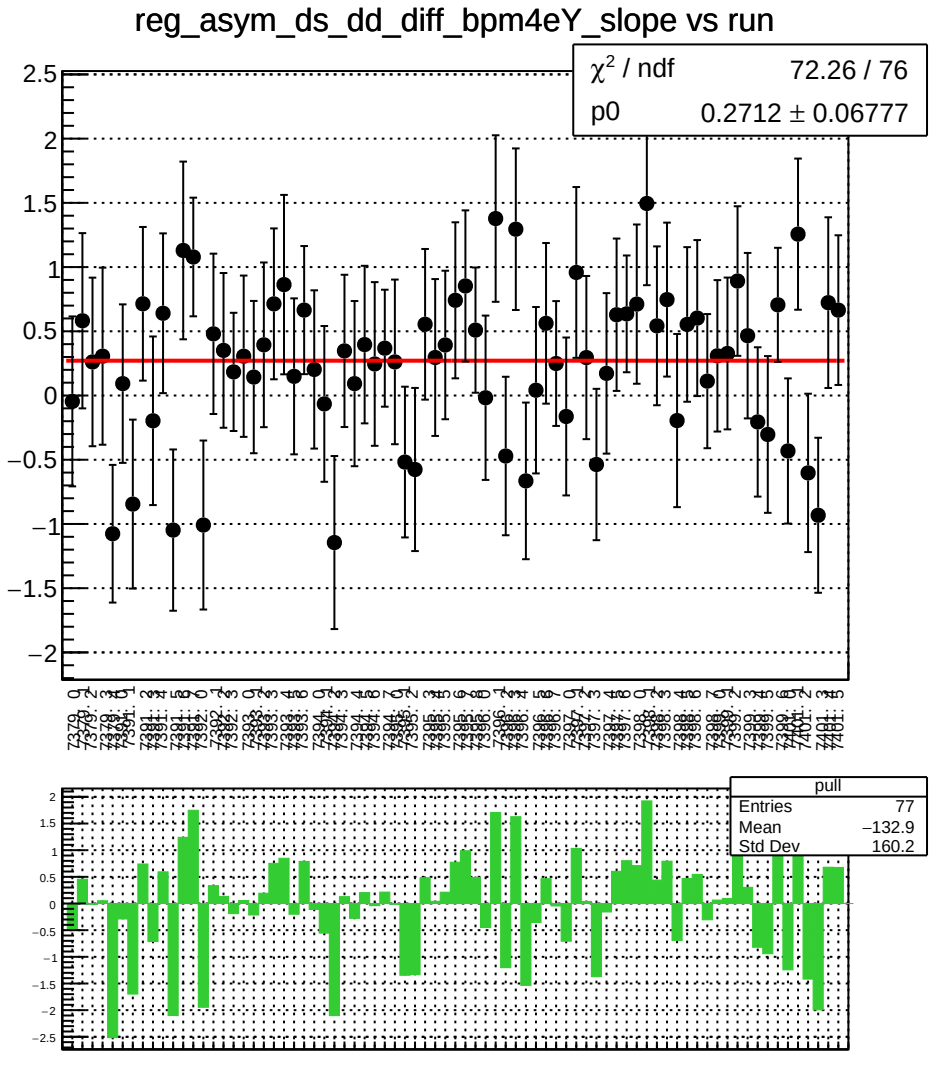

pull1D
Entries 77
Mean 0.008332
Std Dev 1.072

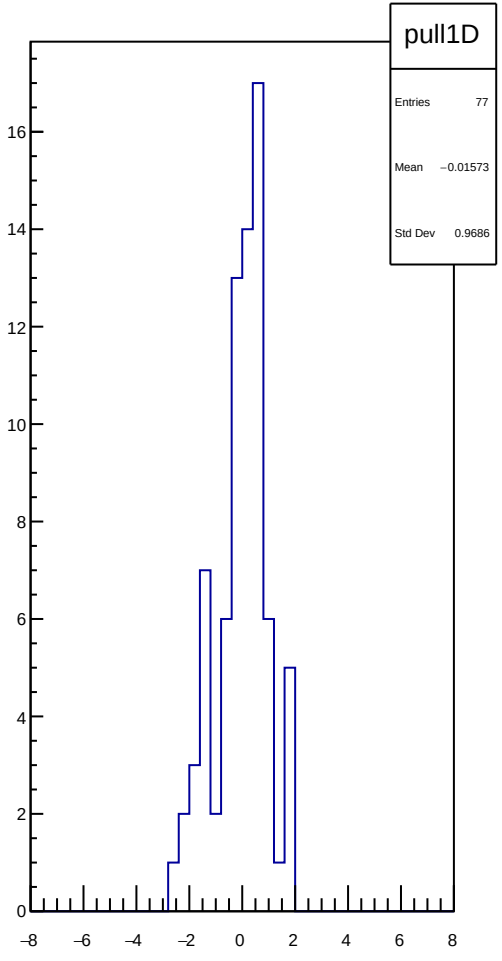

reg_asym_ds_dd_diff_bpm1X_slope vs run
χ² / ndf 64.87 / 76
p0 −0.1281± 0.06049
pull
Entries 77
Mean 872
Std Dev 831.2
pull1D
Entries 77
Mean −0.006268
Std Dev 0.9178

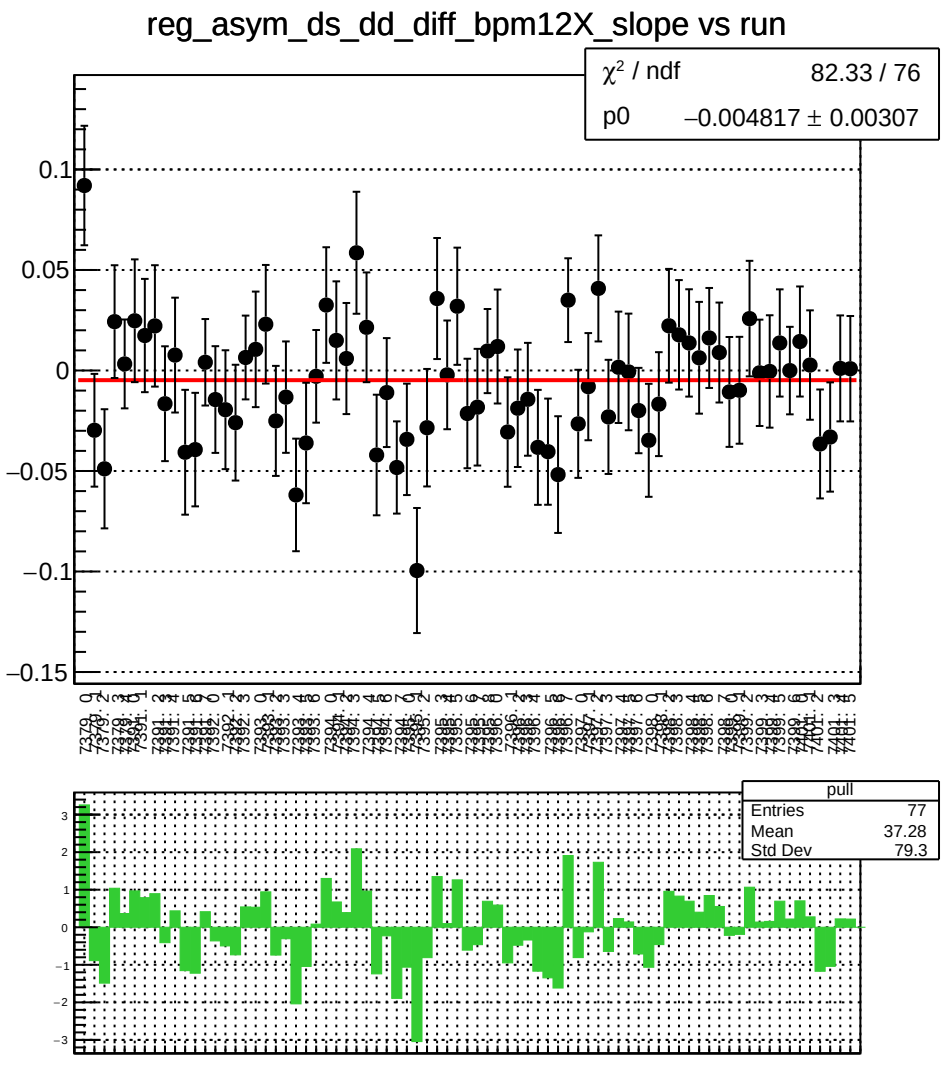

reg_asym_ds_dd_diff_bpm4aY_slope vs run
χ^2 / ndf 76.19 / 76
p0 −0.2422 ± 0.06366
pull
Entries 77
Mean −118.3
Std Dev 144.2

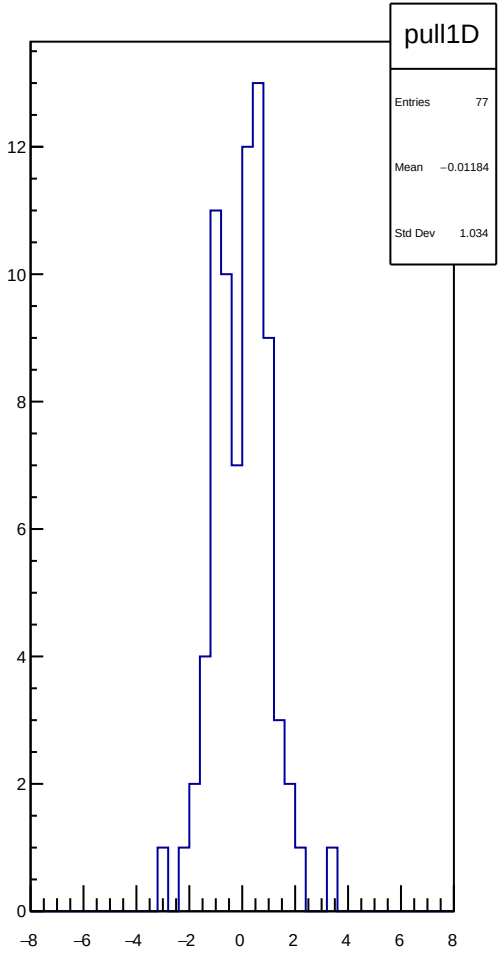

pull1D
Entries 77
Mean 0.01482
Std Dev 0.9946

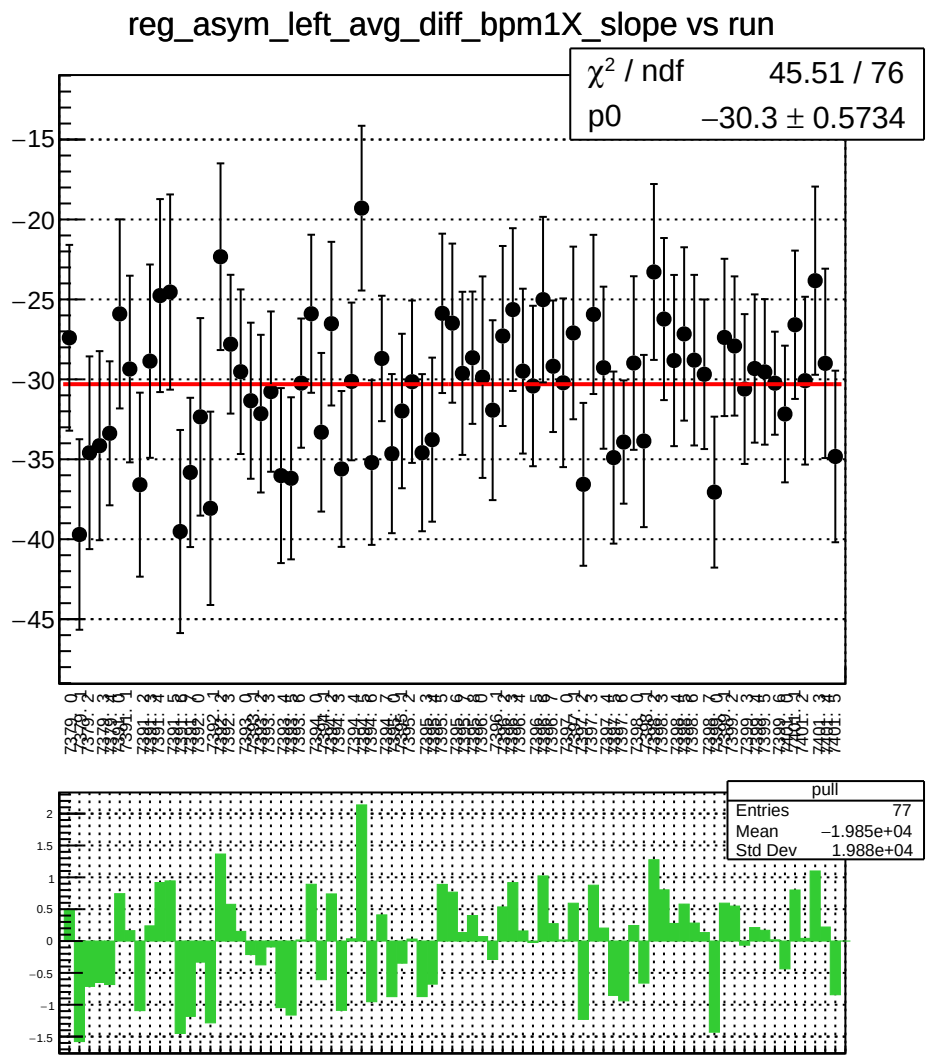

reg_asym_ds_dd_diff_bpm4eX_slope vs run
χ² / ndf 67.06 / 76
p0 0.1654 ± 0.06279
pull
Entries 77
Mean 696.6
Std Dev 655.8
pull1D
Entries 77
Mean 0.007087
Std Dev 0.9332

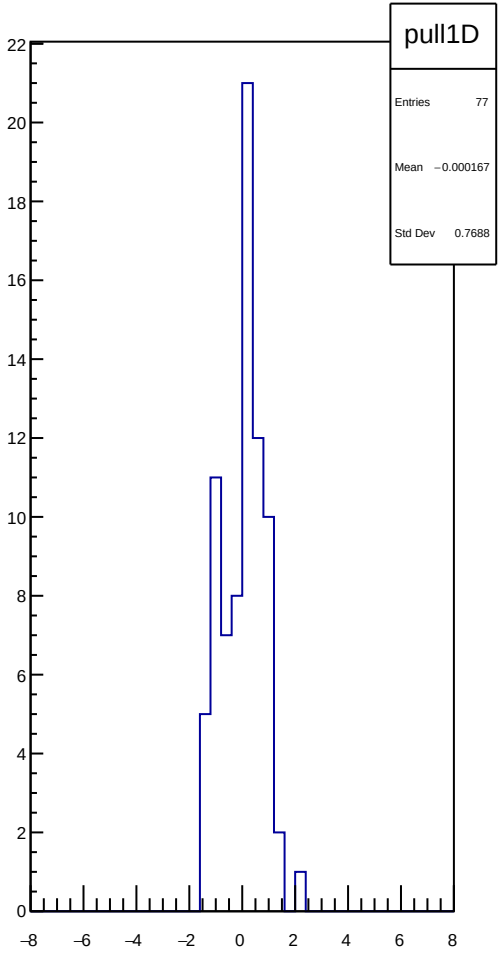

reg_asym_ds_dd_diff_bpm4eY_slope vs run
χ² / ndf 72.26 / 76
p0 0.2712 ± 0.06777
pull
Entries 77
Mean −132.9
Std Dev 160.2

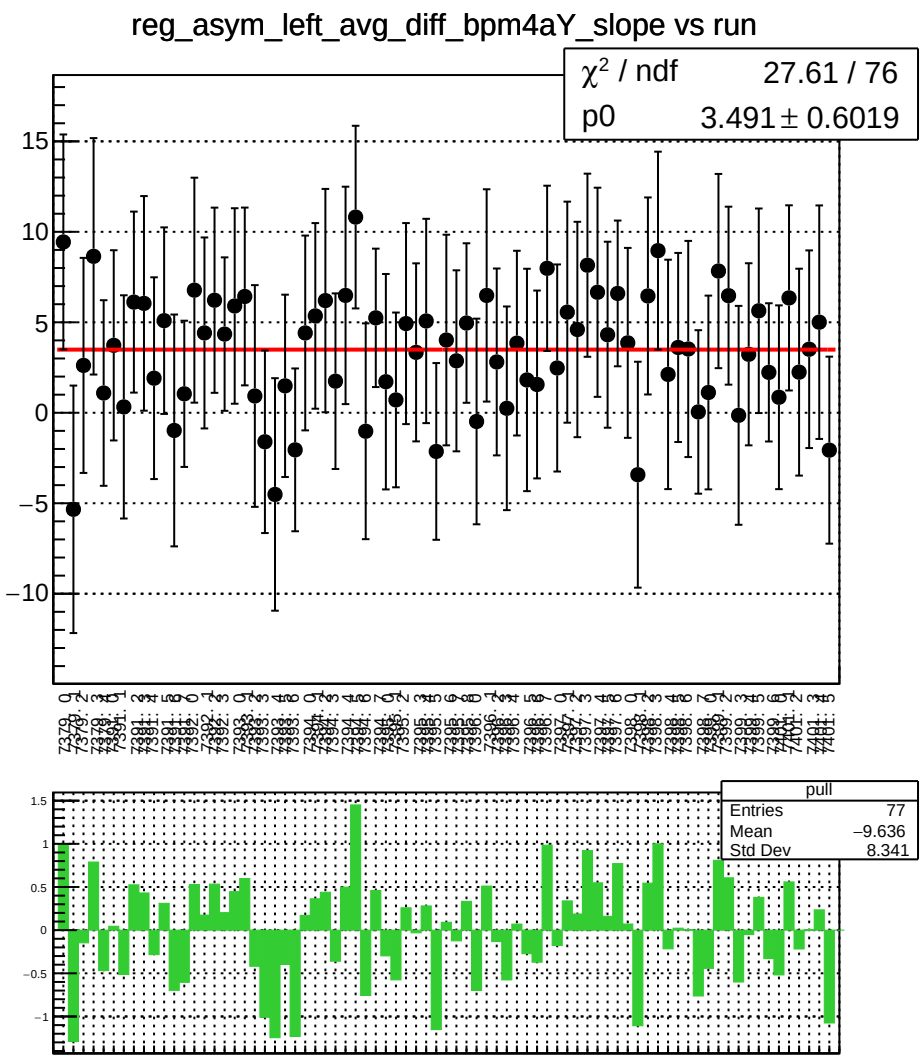

pull1D
Entries 77
Mean −0.01573
Std Dev 0.9686

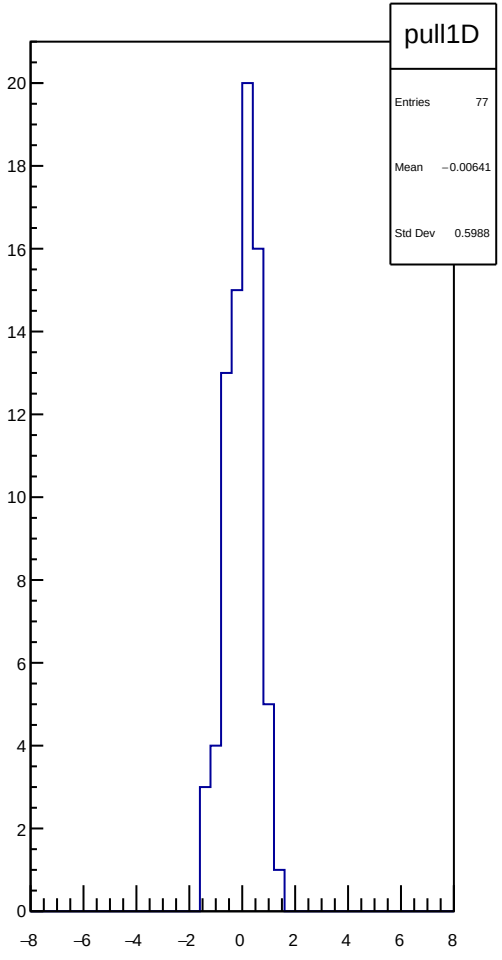

reg_asym_ds_dd_diff_bpm12X_slope vs run
χ² / ndf 82.33 / 76
p0 −0.004817 ± 0.00307
pull
Entries 77
Mean 37.28
Std Dev 79.3

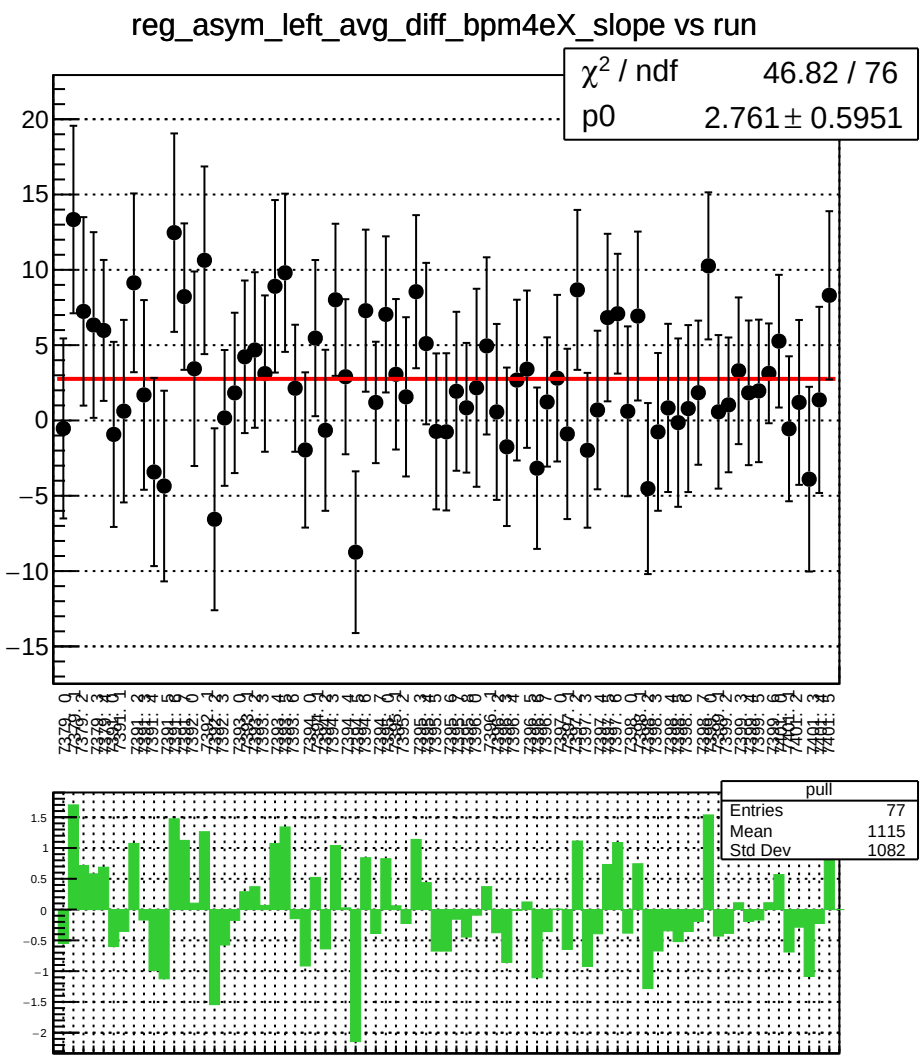

pull1D
Entries 77
Mean −0.01184
Std Dev 1.034

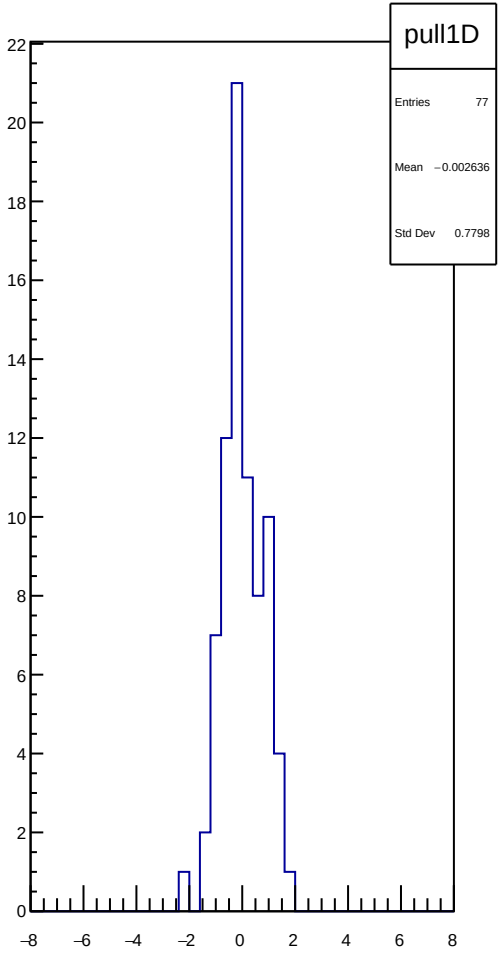

reg_asym_left_avg_diff_bpm1X_slope vs run
χ² / ndf 45.51 / 76
p0 −30.3 ± 0.5734
pull
Entries 77
Mean −1.985e+04
Std Dev 1.988e+04

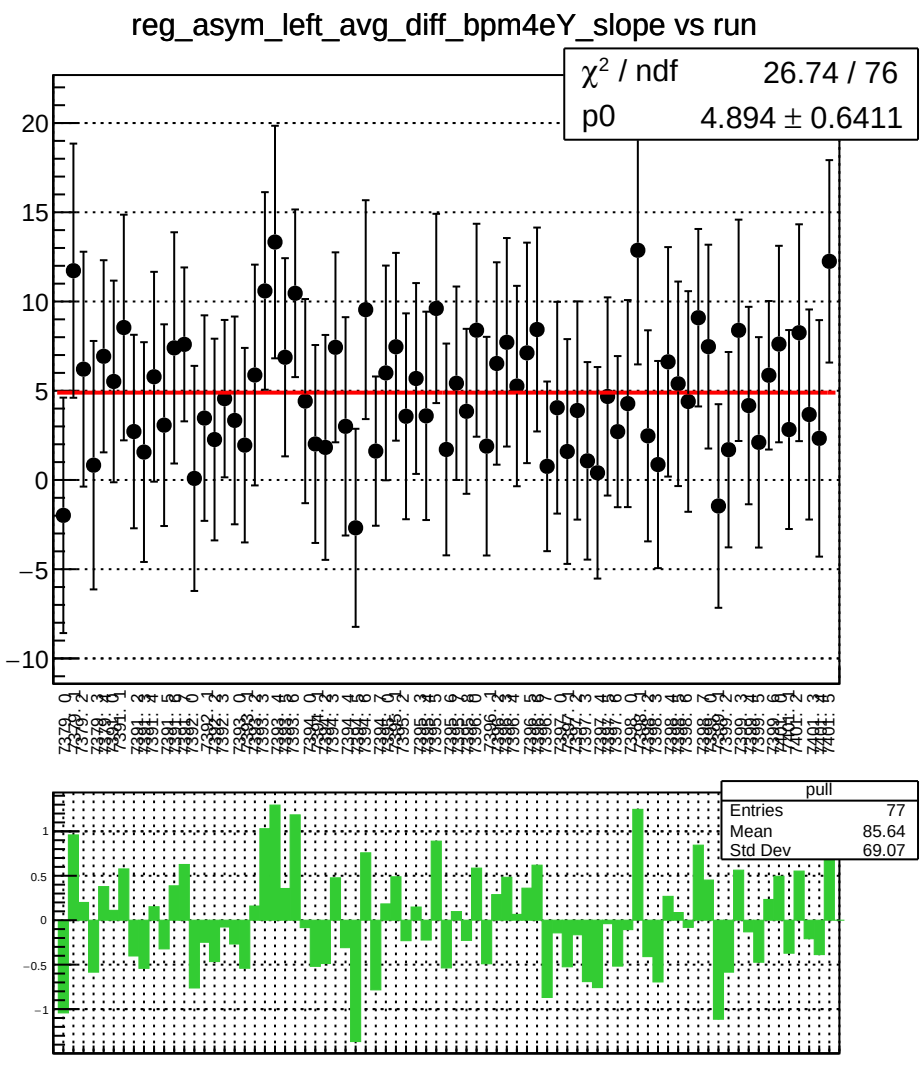

pull1D
Entries 77
Mean −0.000167
Std Dev 0.7688

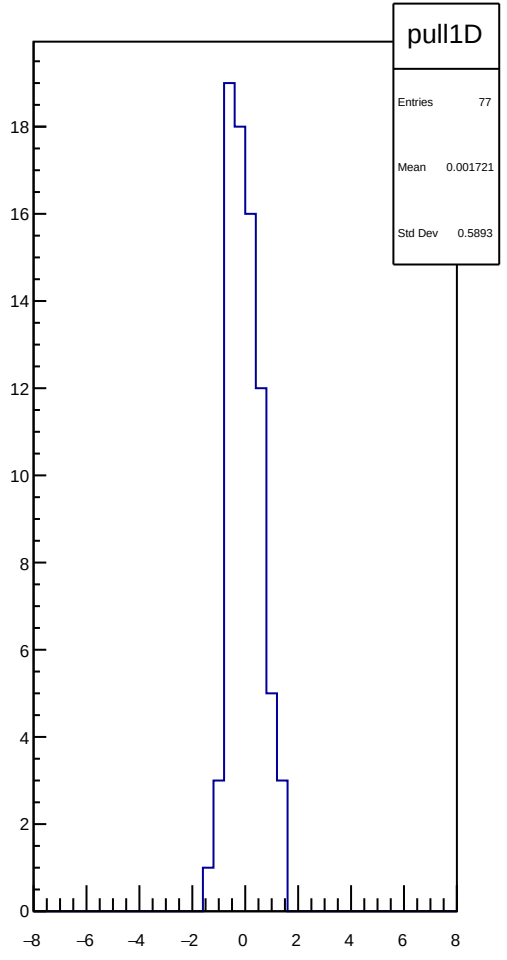

reg_asym_left_avg_diff_bpm4aY_slope vs run
χ² / ndf 27.61 / 76
p0 3.491 ± 0.6019
pull
Entries 77
Mean −9.636
Std Dev 8.341

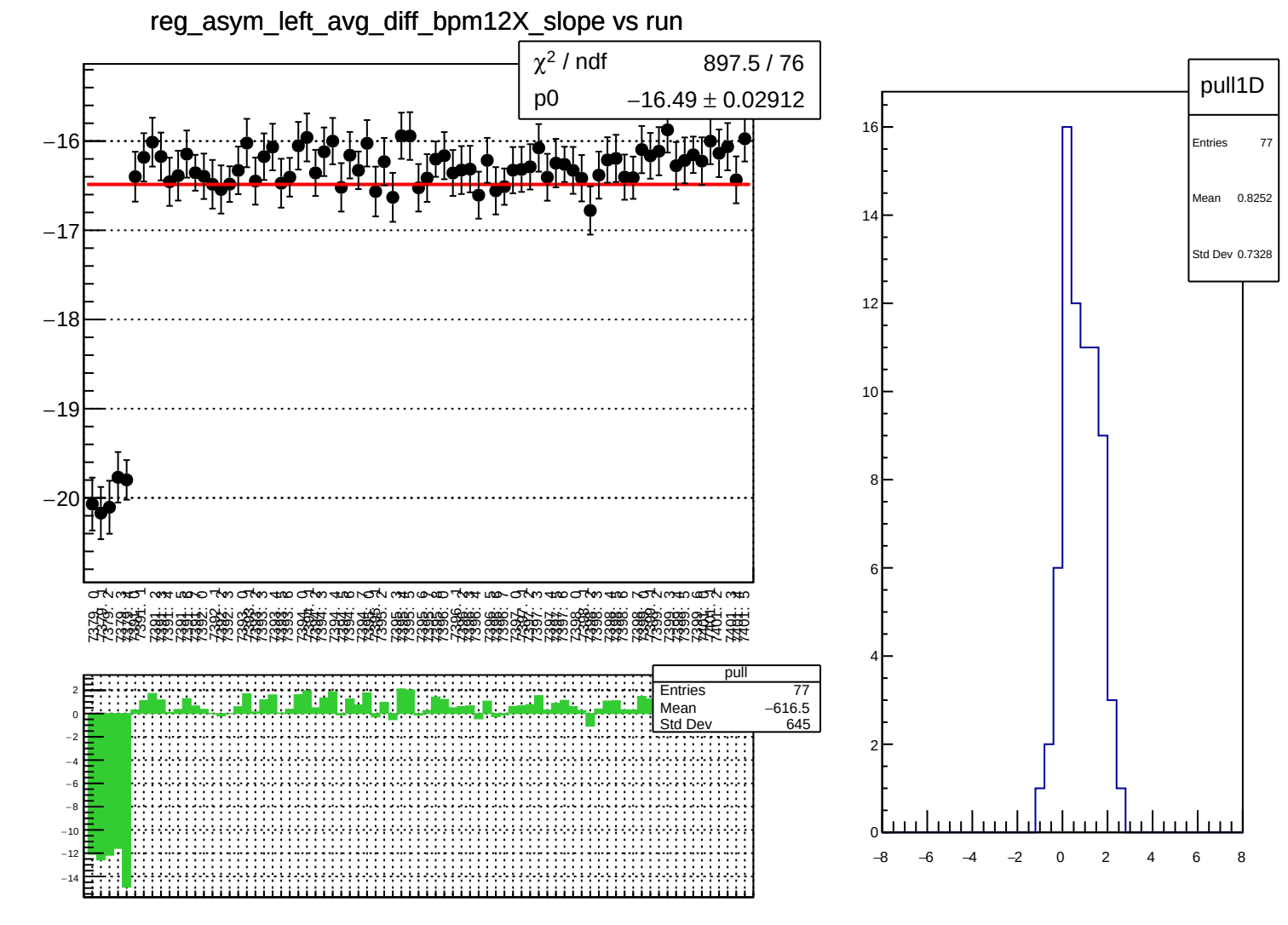

pull1D
Entries 77
Mean −0.00641
Std Dev 0.5988

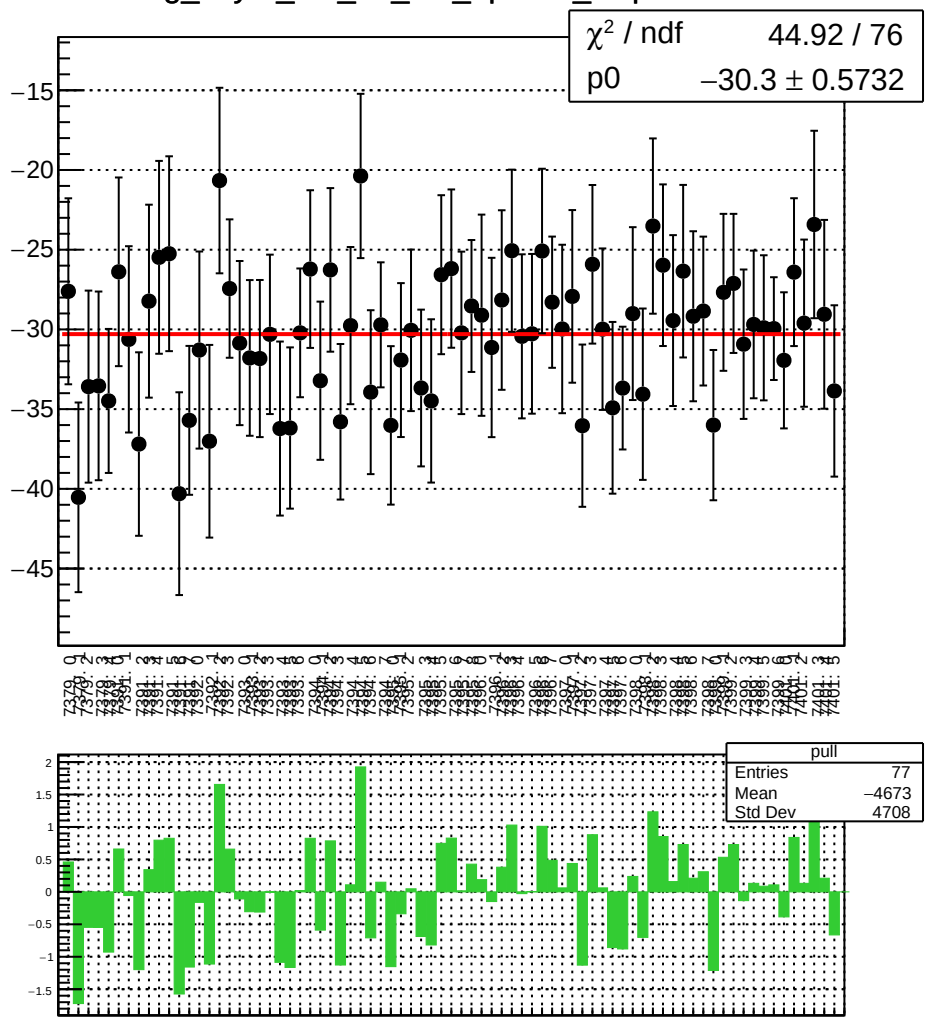

reg_asym_left_avg_diff_bpm4eX_slope vs run
χ² / ndf 46.82 / 76
p0 2.761 ± 0.5951
pull
Entries 77
Mean 1115
Std Dev 1082

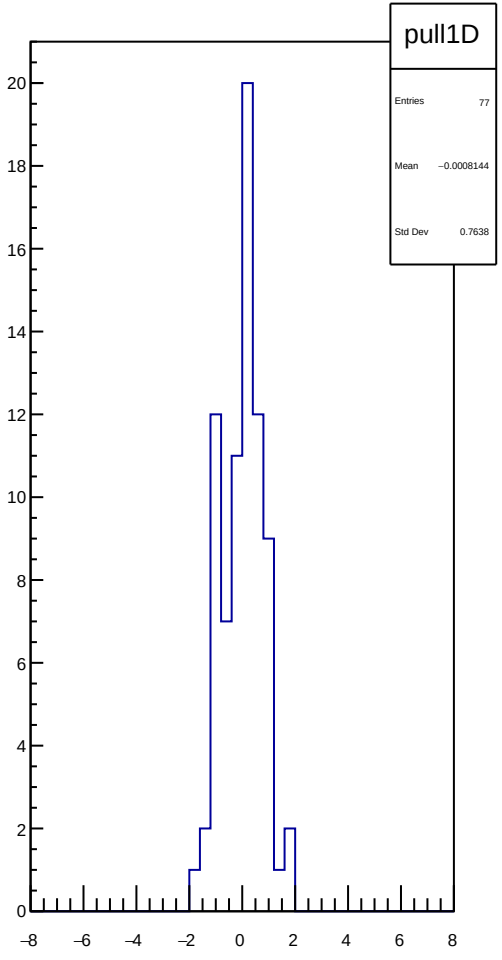

pull1D
Entries 77
Mean −0.002636
Std Dev 0.7798

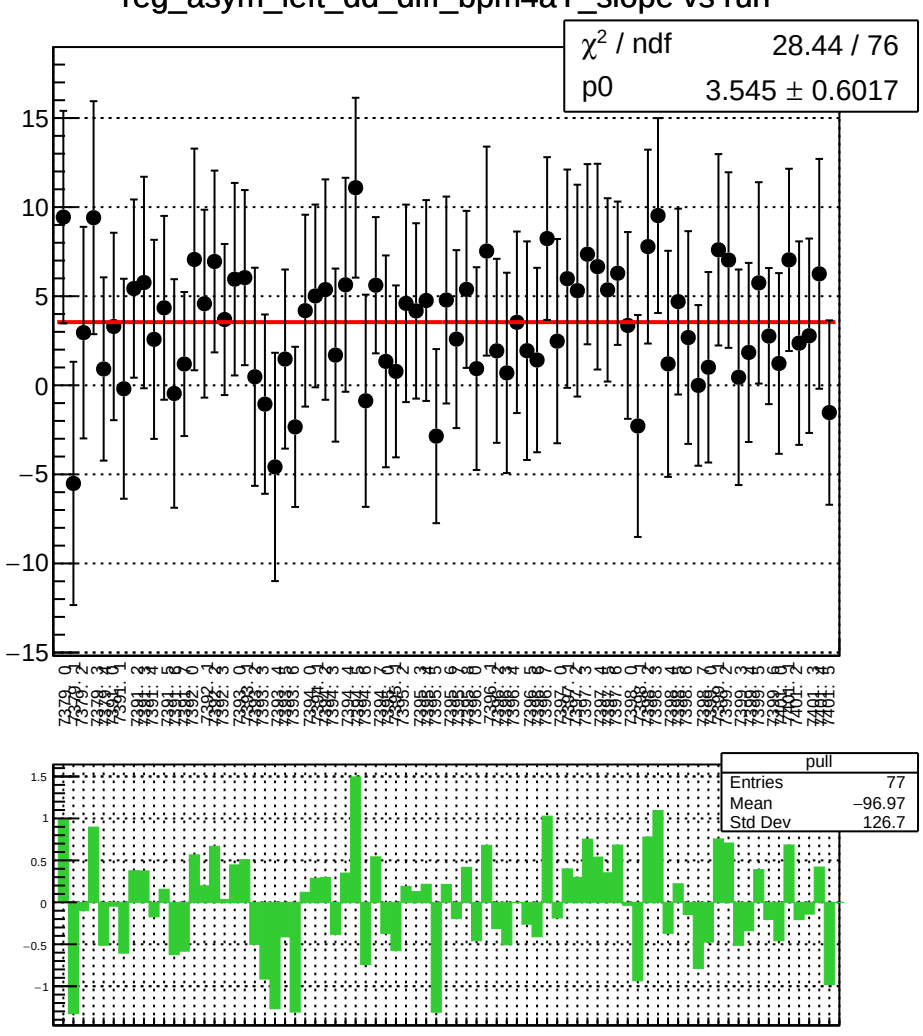

reg_asym_left_avg_diff_bpm4eY_slope vs run
χ² / ndf 26.74 / 76
p0 4.894 ± 0.6411
pull
Entries 77
Mean 85.64
Std Dev 69.07

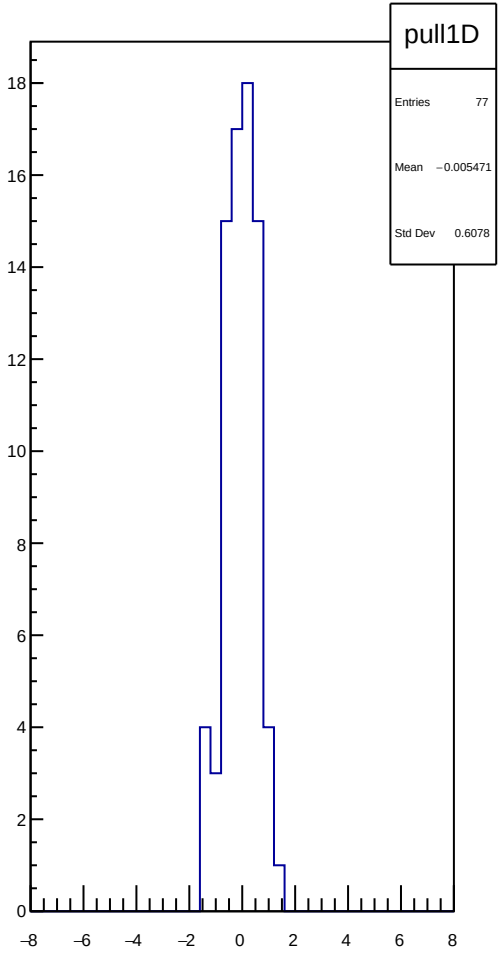

pull1D
Entries 77
Mean 0.001721
Std Dev 0.5893

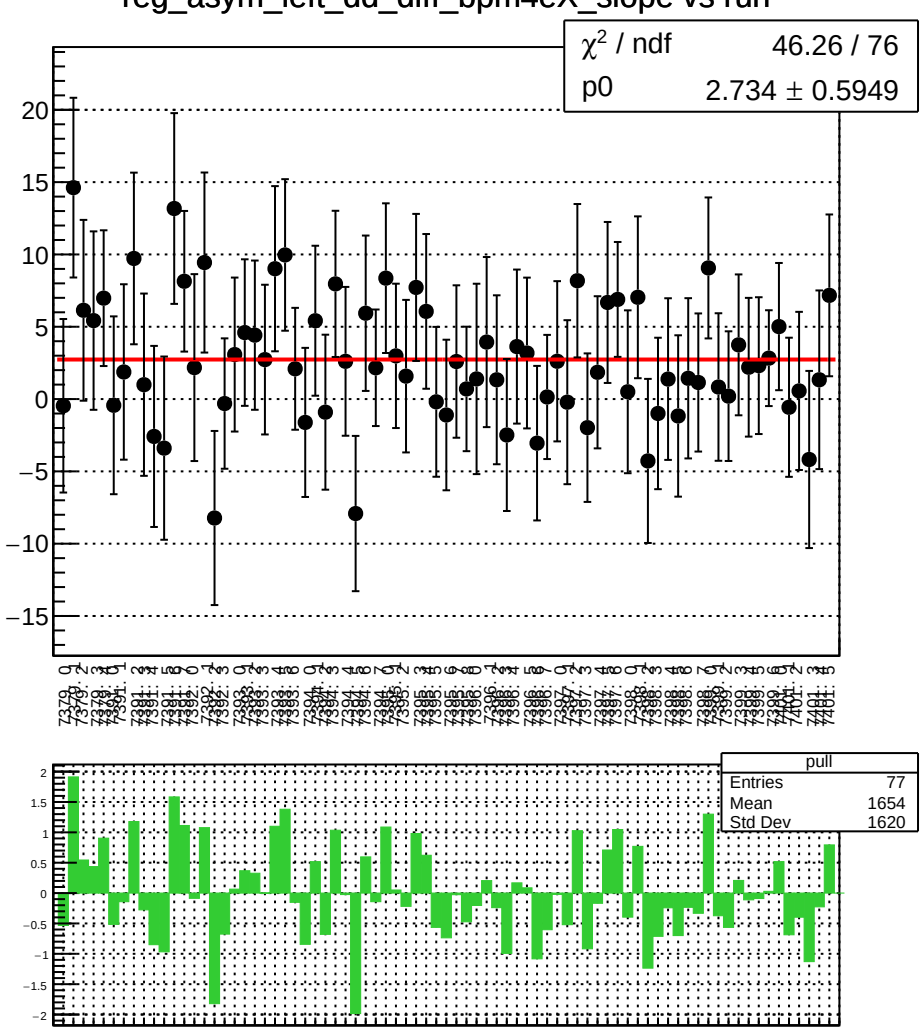

reg_asym_left_avg_diff_bpm12X_slope vs run
χ² / ndf 897.5 / 76
p0 −16.49 ± 0.02912
pull
Entries 77
Mean −616.5
Std Dev 645
pull1D
Entries 77
Mean 0.8252
Std Dev 0.7328

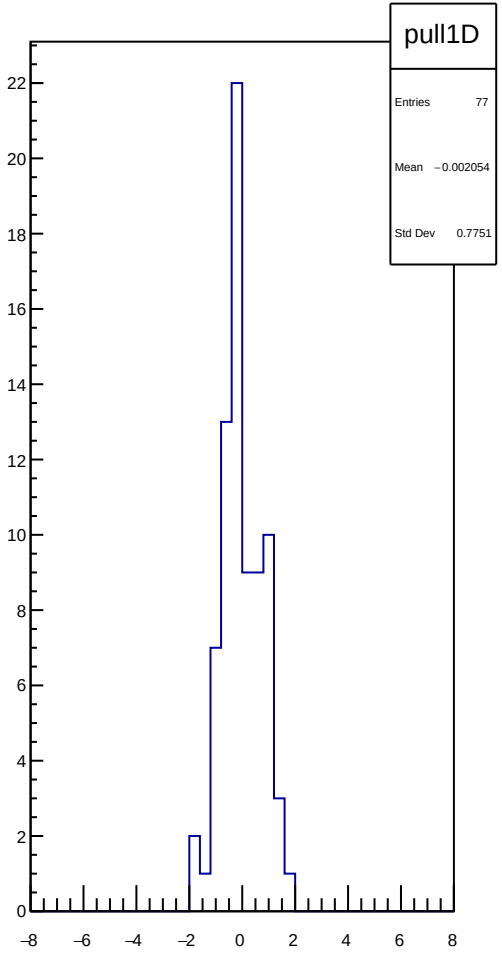

reg_asym_left_dd_diff_bpm1X_slope vs run
χ² / ndf 44.92 / 76
p0 −30.3 ± 0.5732
pull
Entries 77
Mean −4673
Std Dev 4708

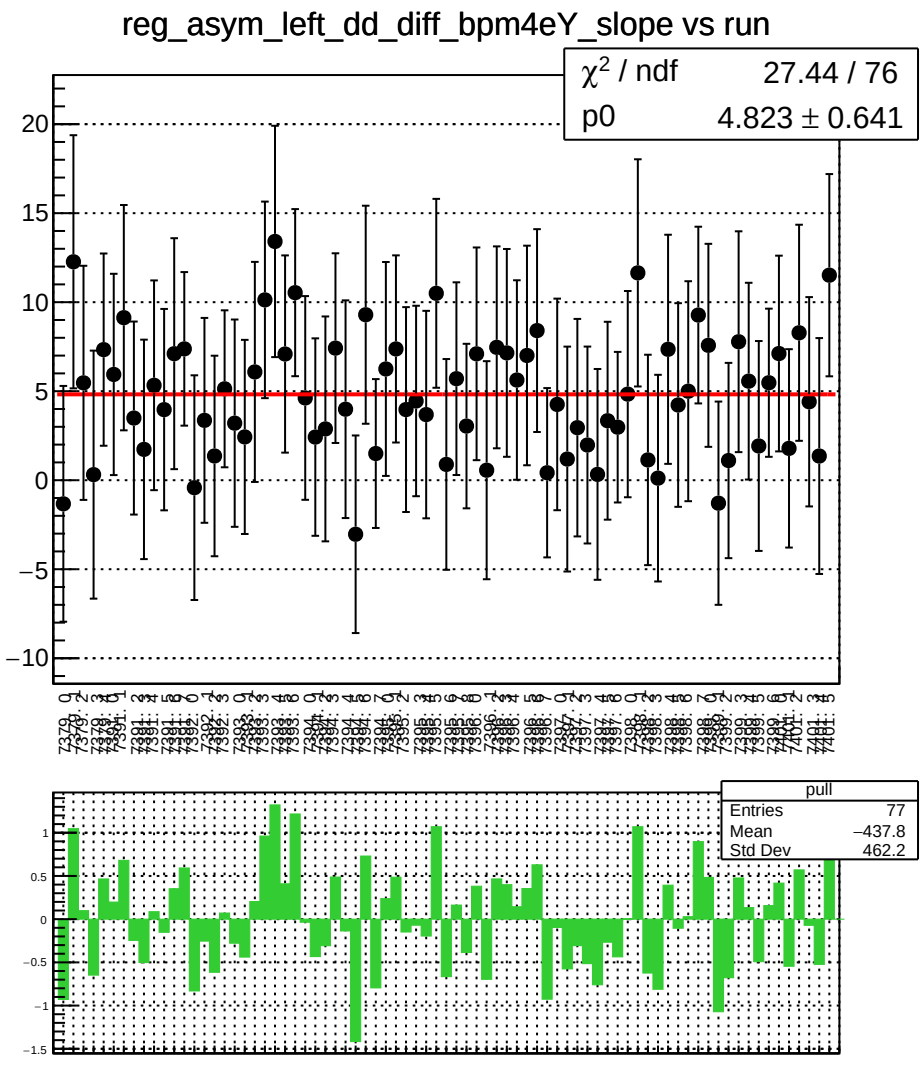

pull1D
Entries 77
Mean −0.0008144
Std Dev 0.7638

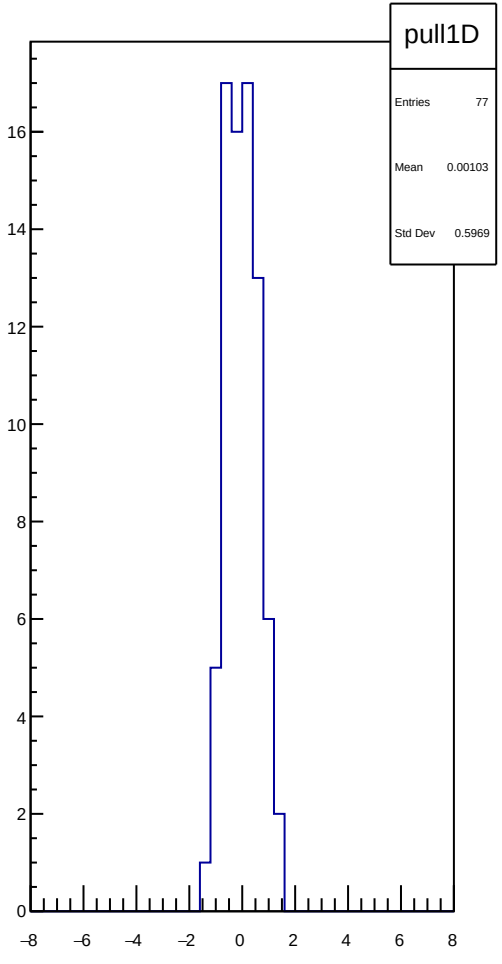

reg_asym_left_dd_diff_bpm4aY_slope vs run
χ² / ndf 28.44 / 76
p0 3.545 ± 0.6017
pull
Entries 77
Mean −96.97
Std Dev 126.7

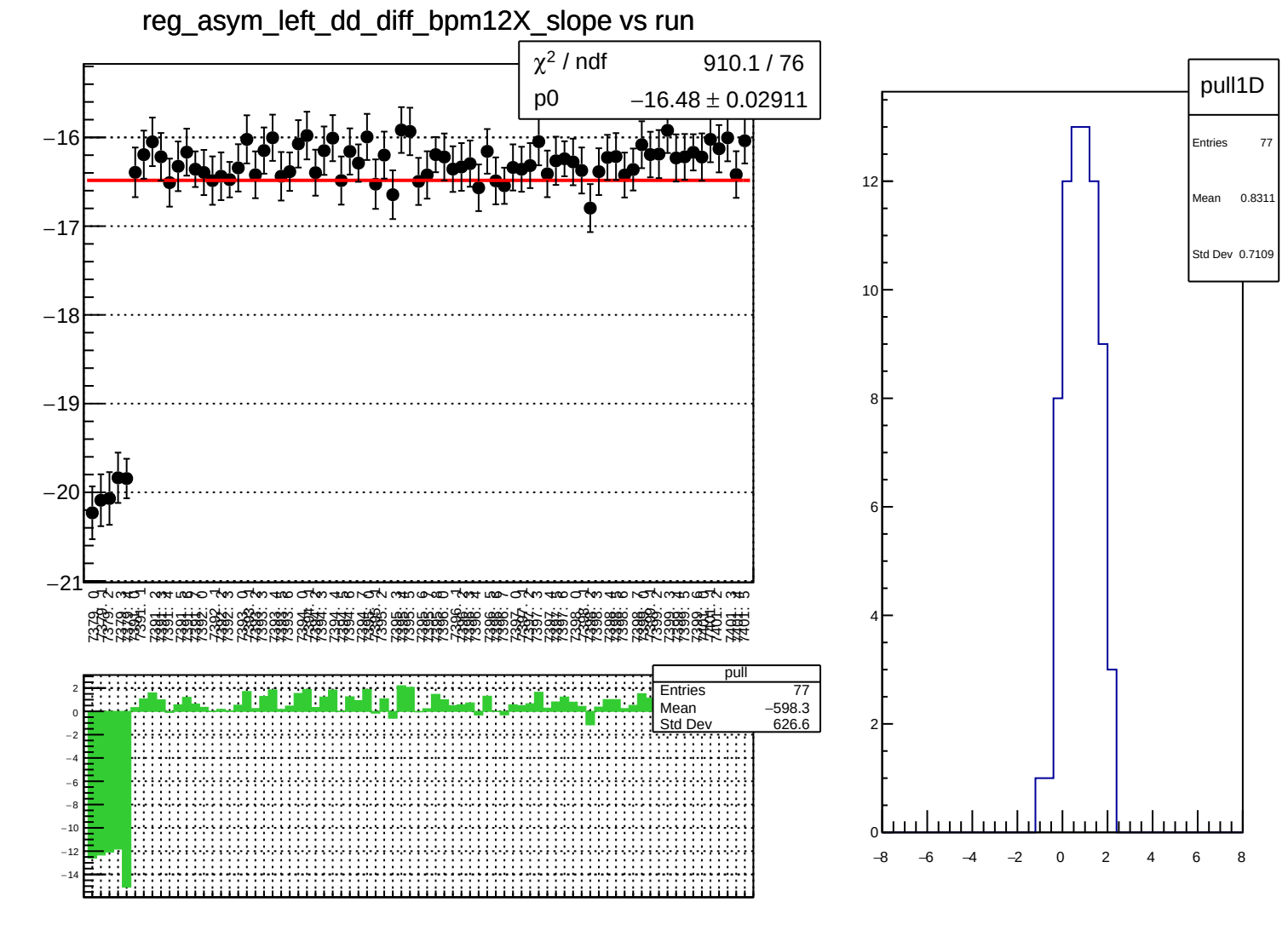

pull1D
Entries 77
Mean −0.005471
Std Dev 0.6078

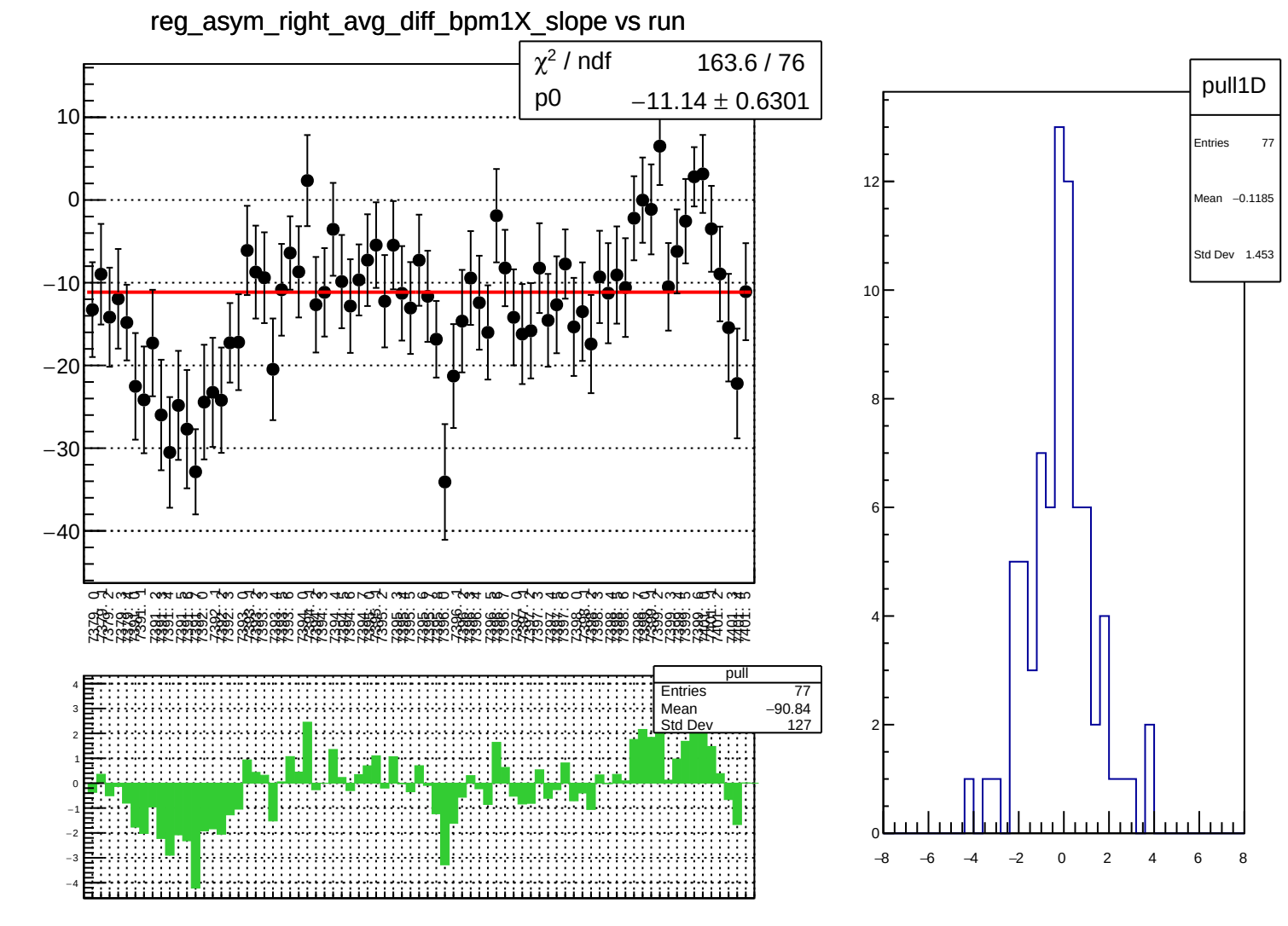

reg_asym_left_dd_diff_bpm4eX_slope vs run
χ² / ndf 46.26 / 76
p0 2.734 ± 0.5949
pull
Entries 77
Mean 1654
Std Dev 1620

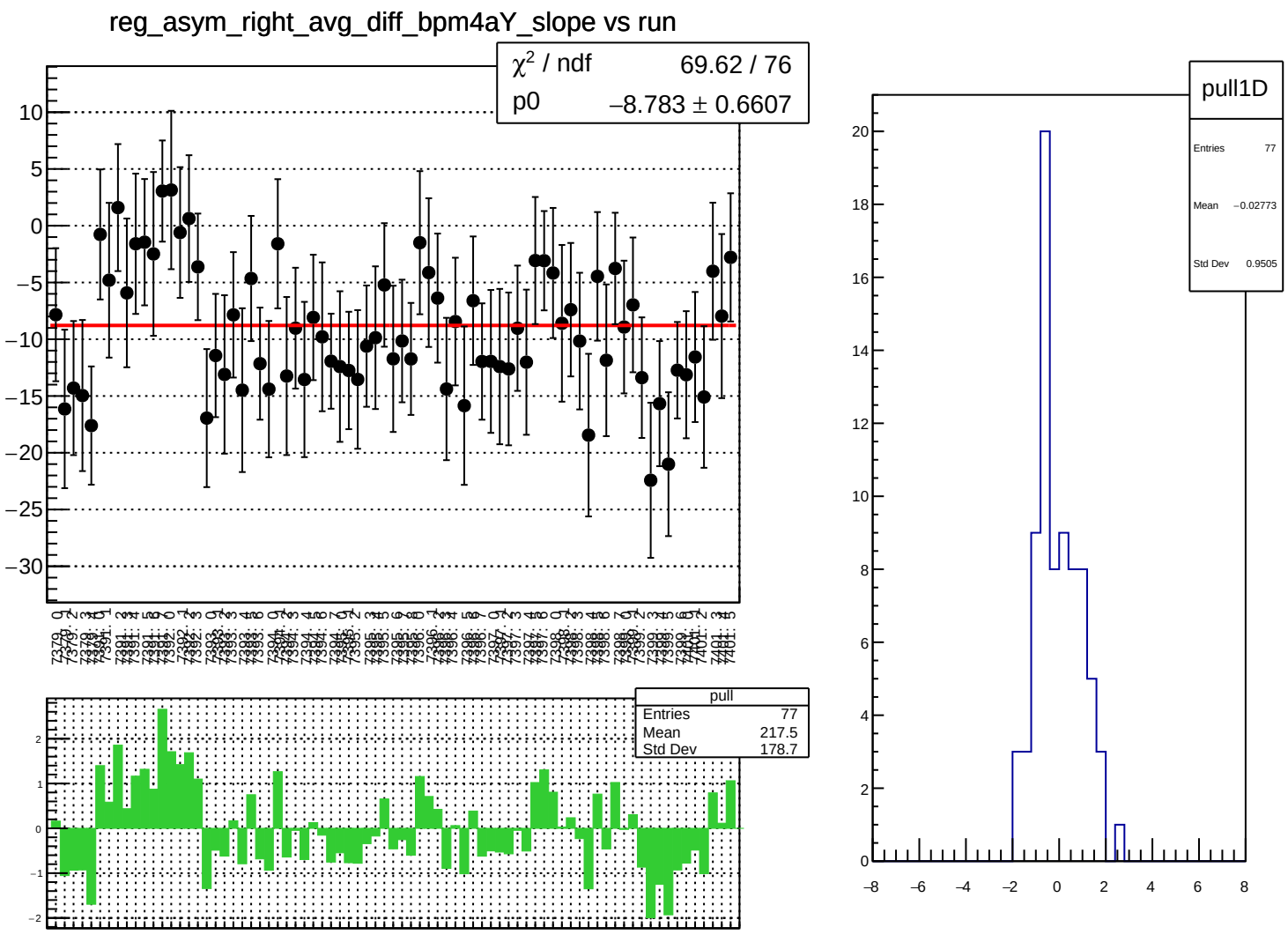

pull1D
Entries 77
Mean −0.002054
Std Dev 0.7751

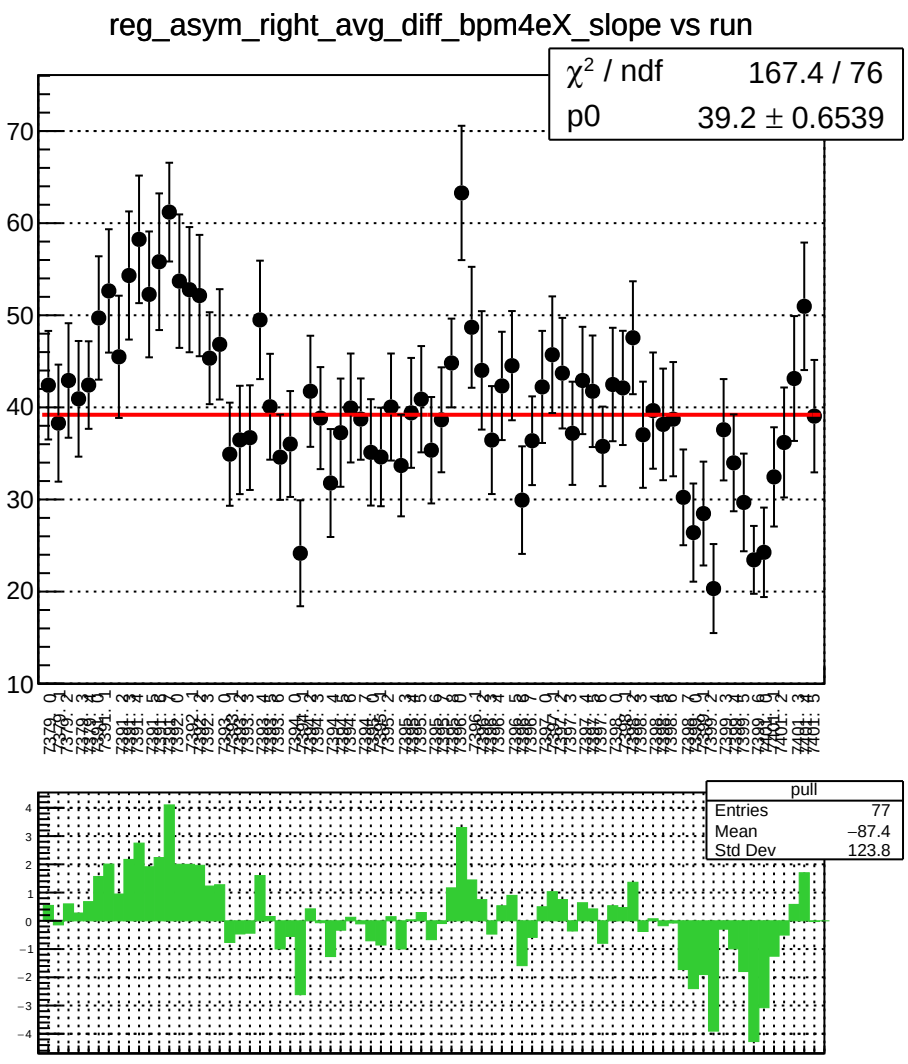

reg_asym_left_dd_diff_bpm4eY_slope vs run
χ² / ndf 27.44 / 76
p0 4.823 ± 0.641
pull
Entries 77
Mean −437.8
Std Dev 462.2

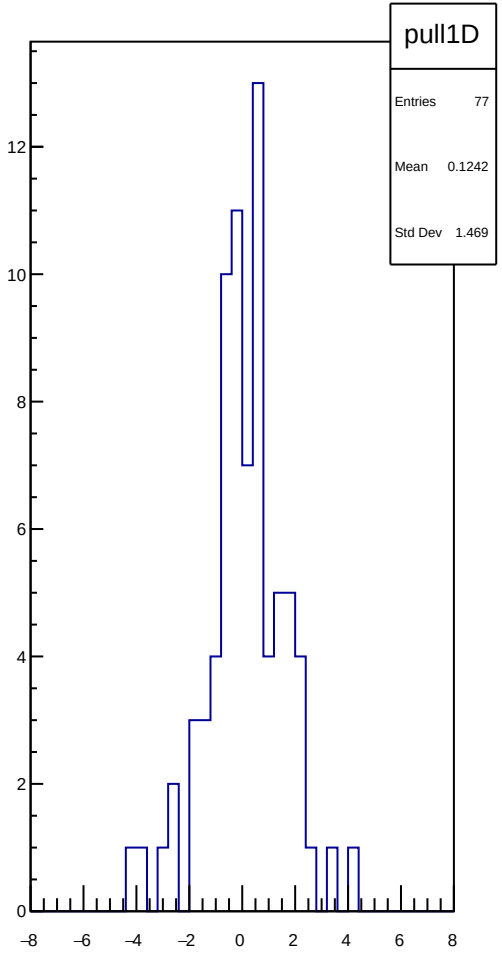

pull1D
Entries 77
Mean 0.00103
Std Dev 0.5969

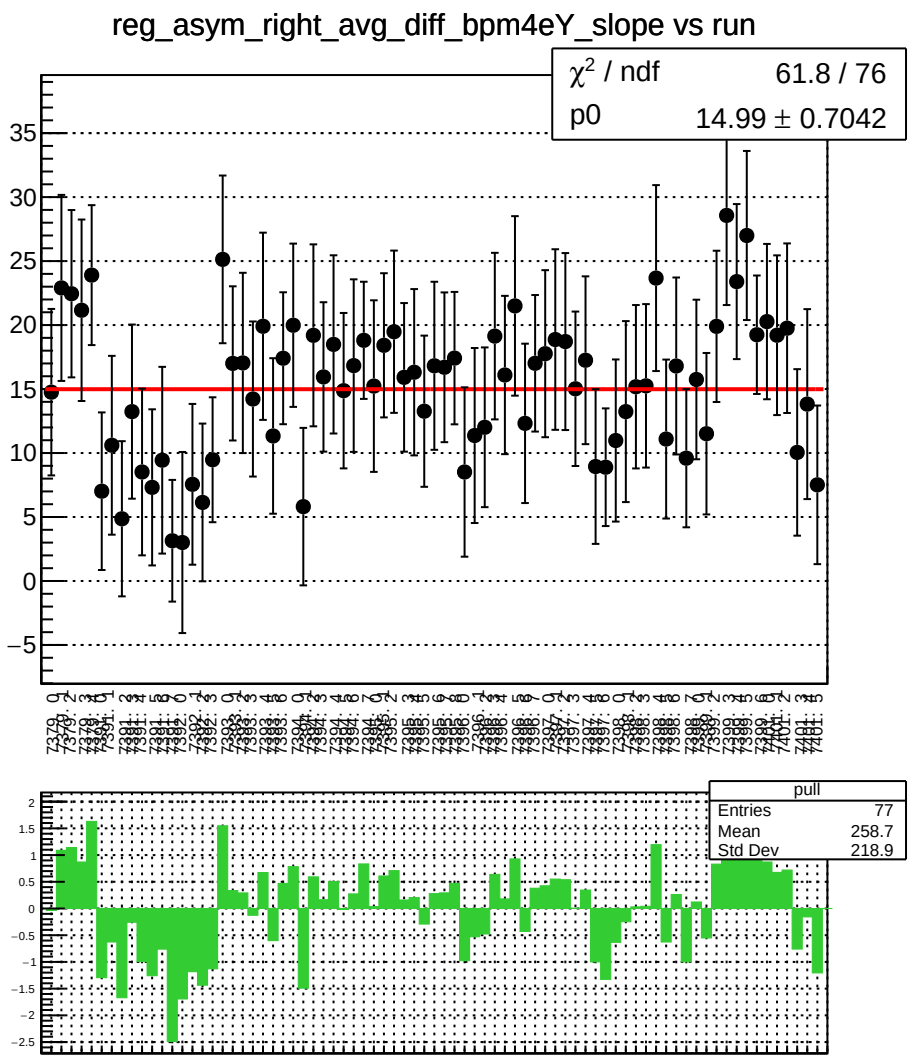

reg_asym_left_dd_diff_bpm12X_slope vs run
χ² / ndf 910.1 / 76
p0 −16.48 ± 0.02911
pull
Entries 77
Mean −598.3
Std Dev 626.6
pull1D
Entries 77
Mean 0.8311
Std Dev 0.7109

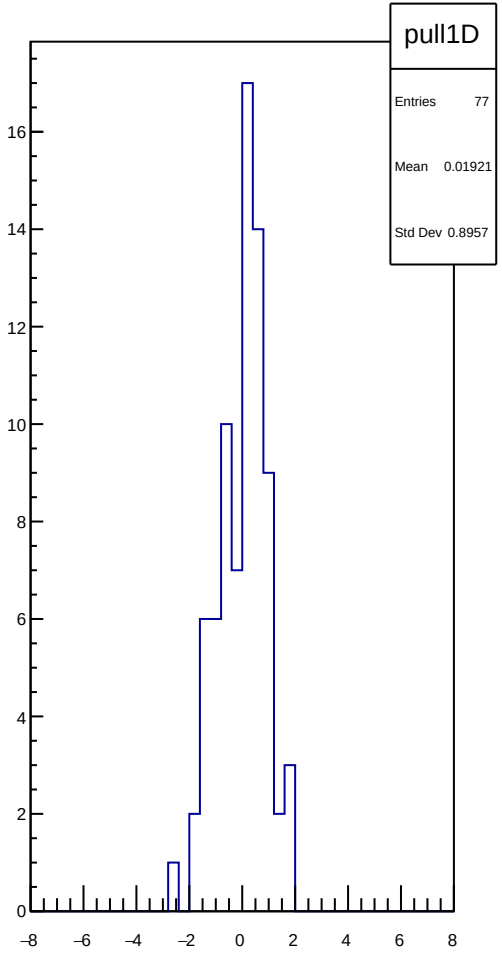

reg_asym_right_avg_diff_bpm1X_slope vs run
χ² / ndf 163.6 / 76
p0 −11.14 ± 0.6301
pull
Entries 77
Mean −90.84
Std Dev 127
pull1D
Entries 77
Mean −0.1185
Std Dev 1.453

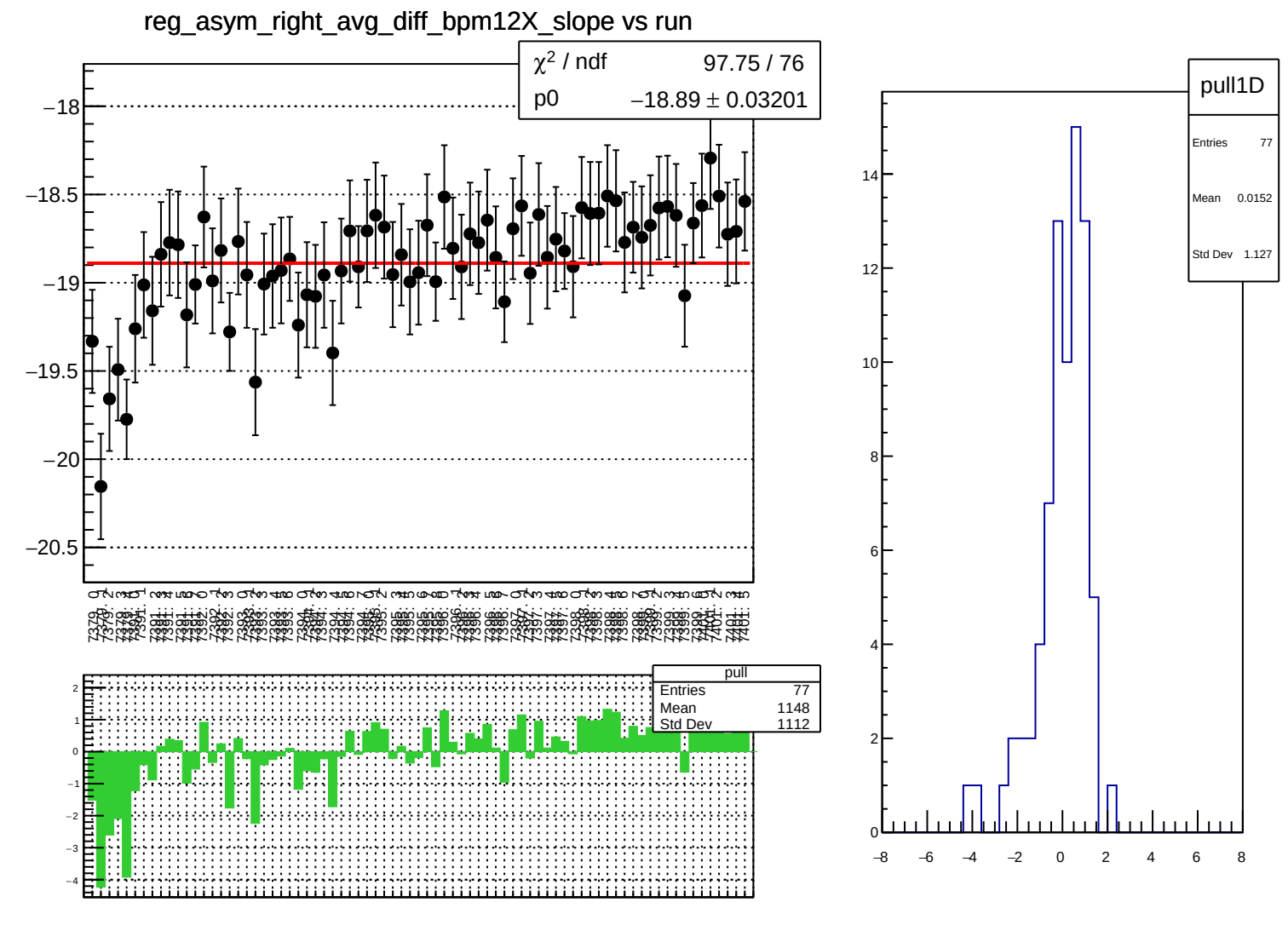

reg_asym_right_avg_diff_bpm4aY_slope vs run
χ² / ndf 69.62 / 76
p0 −8.783 ± 0.6607
pull
Entries 77
Mean 217.5
Std Dev 178.7
pull1D
Entries 77
Mean −0.02773
Std Dev 0.9505

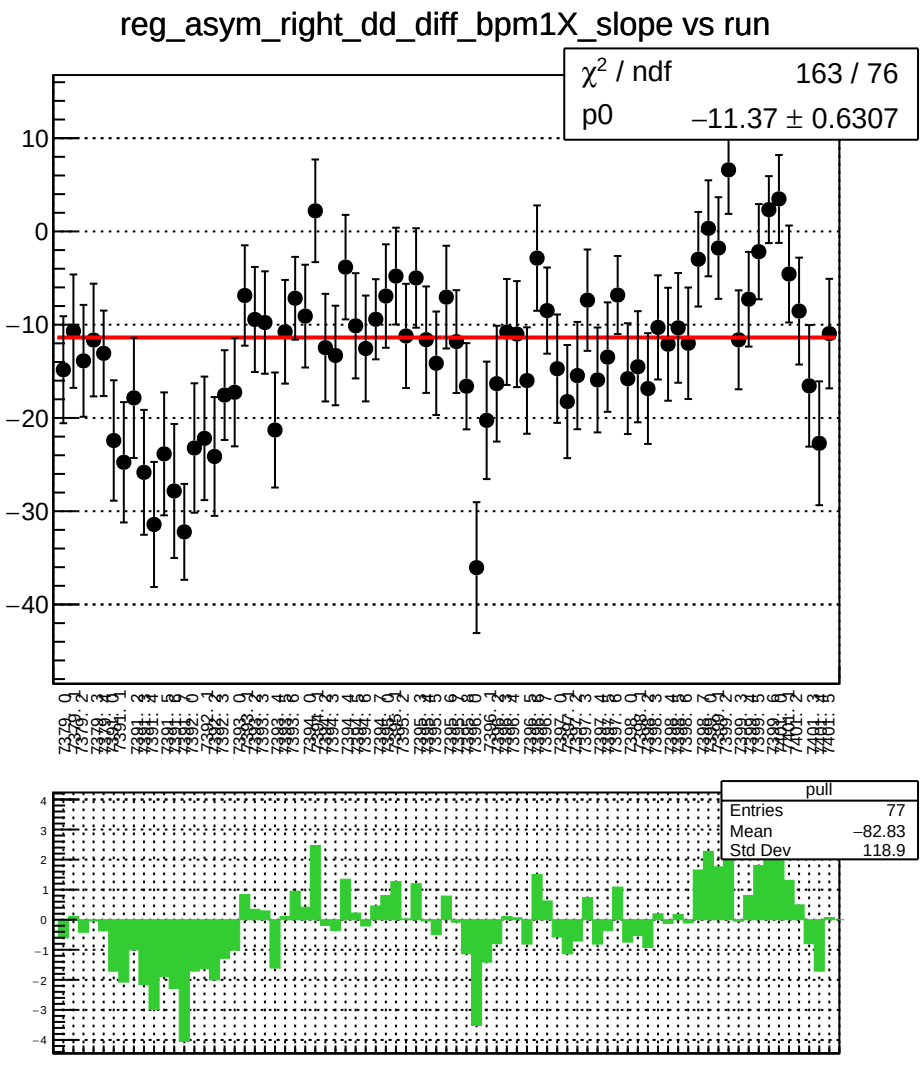

reg_asym_right_avg_diff_bpm4eX_slope vs run
χ² / ndf 167.4 / 76
p0 39.2 ± 0.6539
pull
Entries 77
Mean −87.4
Std Dev 123.8

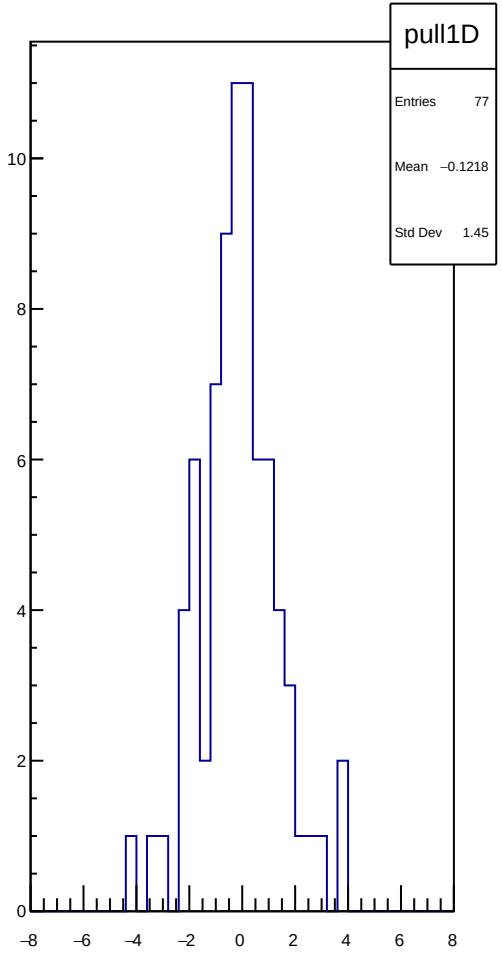

pull1D
Entries 77
Mean 0.1242
Std Dev 1.469

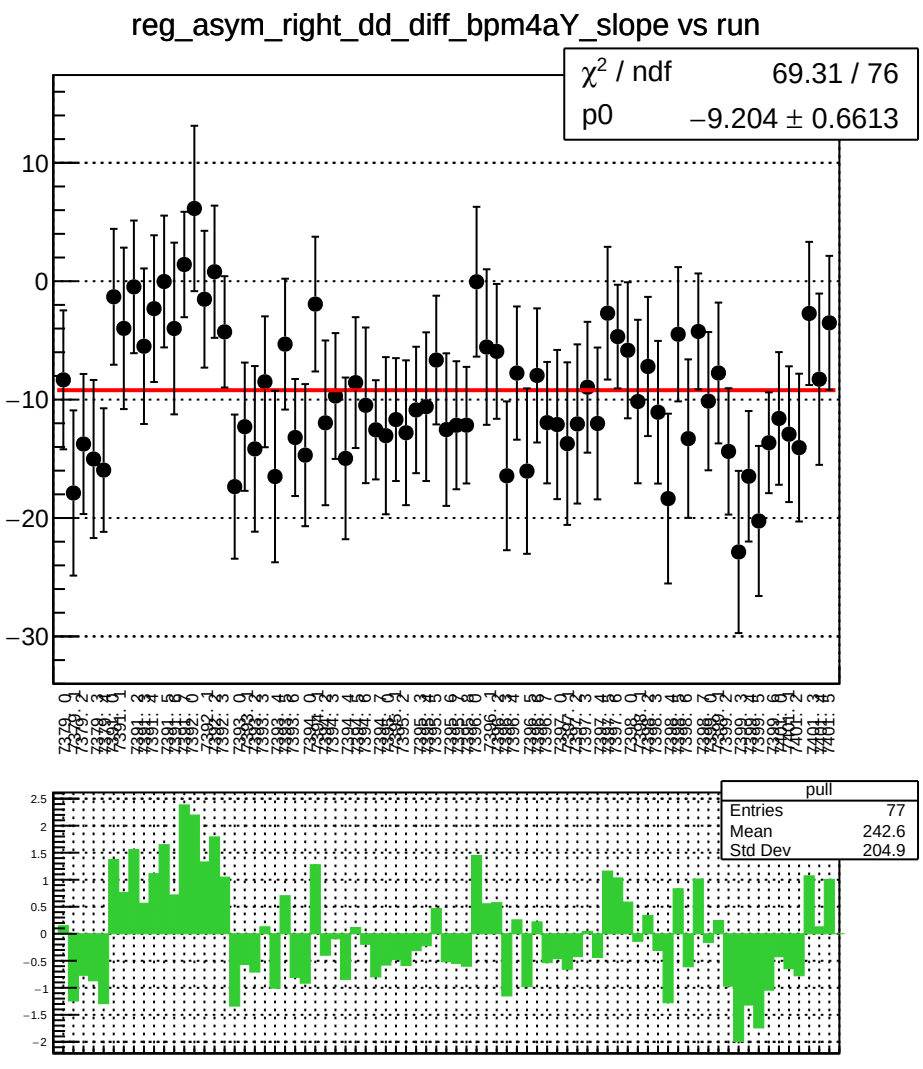

reg_asym_right_avg_diff_bpm4eY_slope vs run
χ² / ndf 61.8 / 76
p0 14.99 ± 0.7042
pull
Entries 77
Mean 258.7
Std Dev 218.9

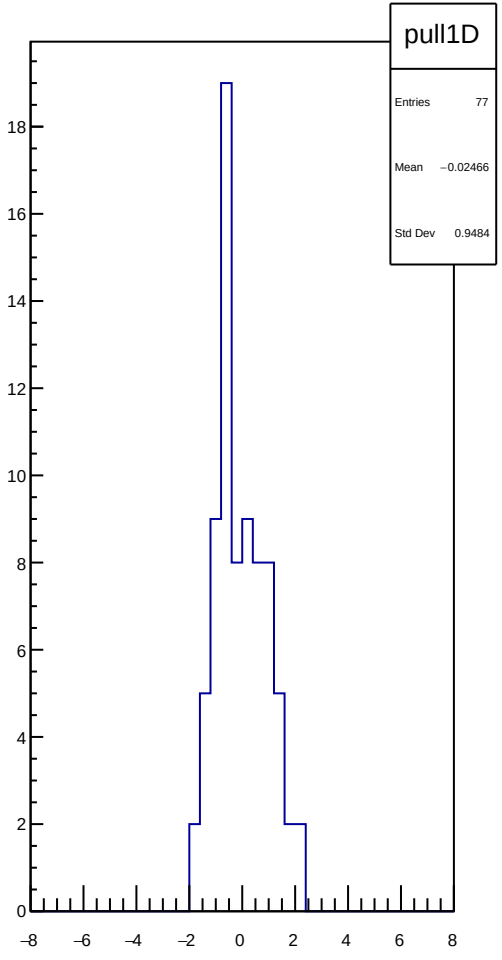

pull1D
Entries 77
Mean 0.01921
Std Dev 0.8957

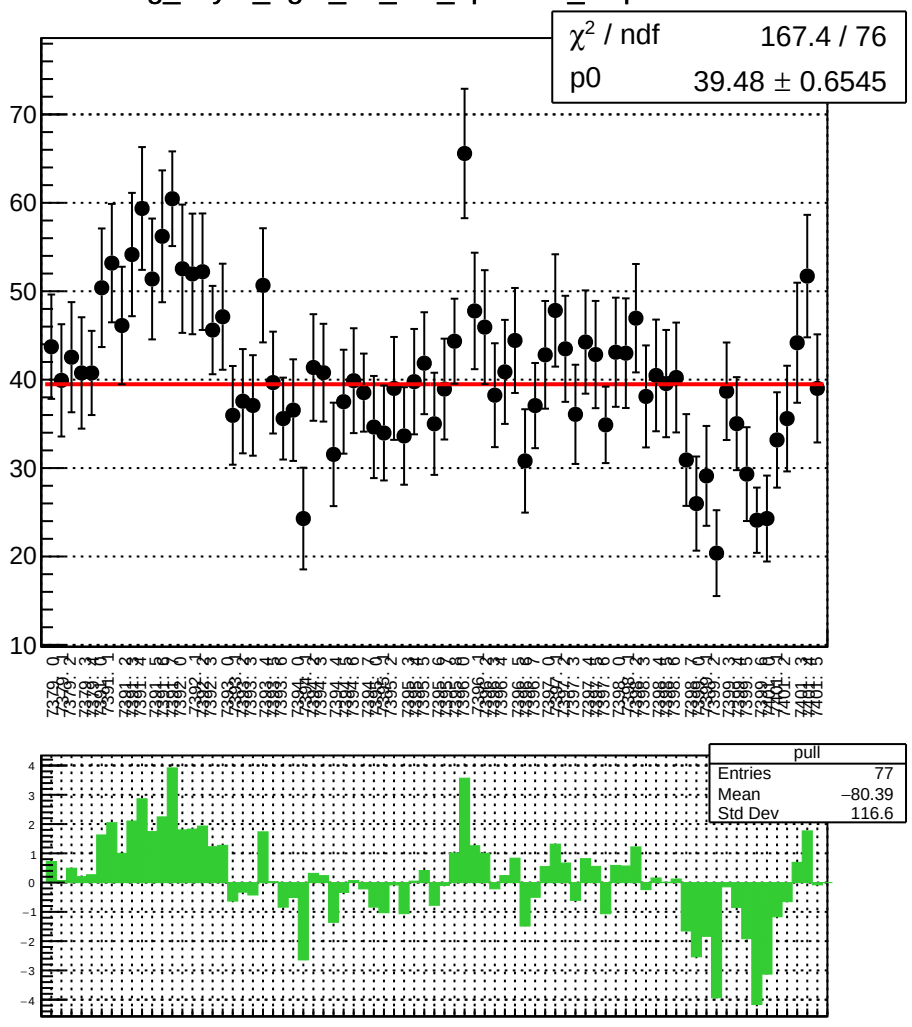

reg_asym_right_avg_diff_bpm12X_slope vs run
χ² / ndf 97.75 / 76
p0 −18.89 ± 0.03201
−18
−18.5
−19
−19.5
−20
−20.5
pull
Entries 77
Mean 1148
Std Dev 1112
2
1
0
−1
−2
−3
−4
pull1D
Entries 77
Mean 0.0152
Std Dev 1.127
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

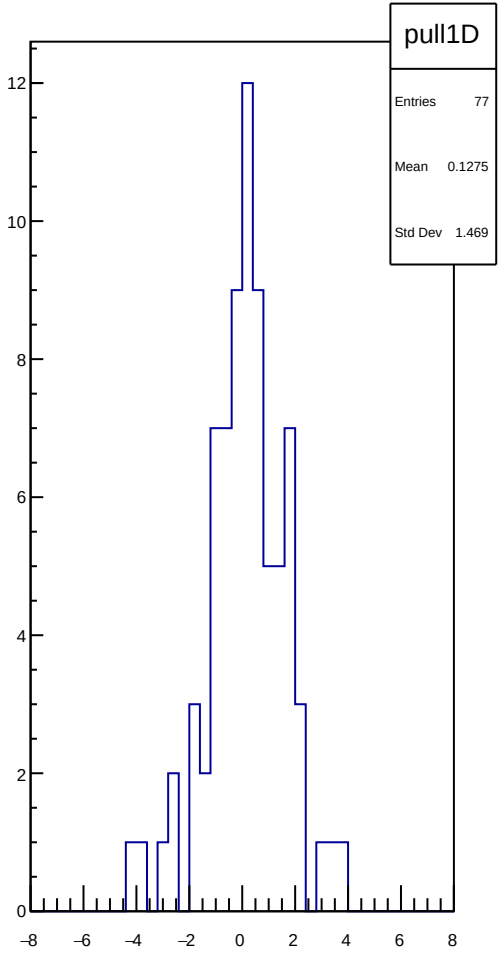

reg_asym_right_dd_diff_bpm1X_slope vs run
χ² / ndf 163 / 76
p0 −11.37 ± 0.6307
pull
Entries 77
Mean −82.83
Std Dev 118.9

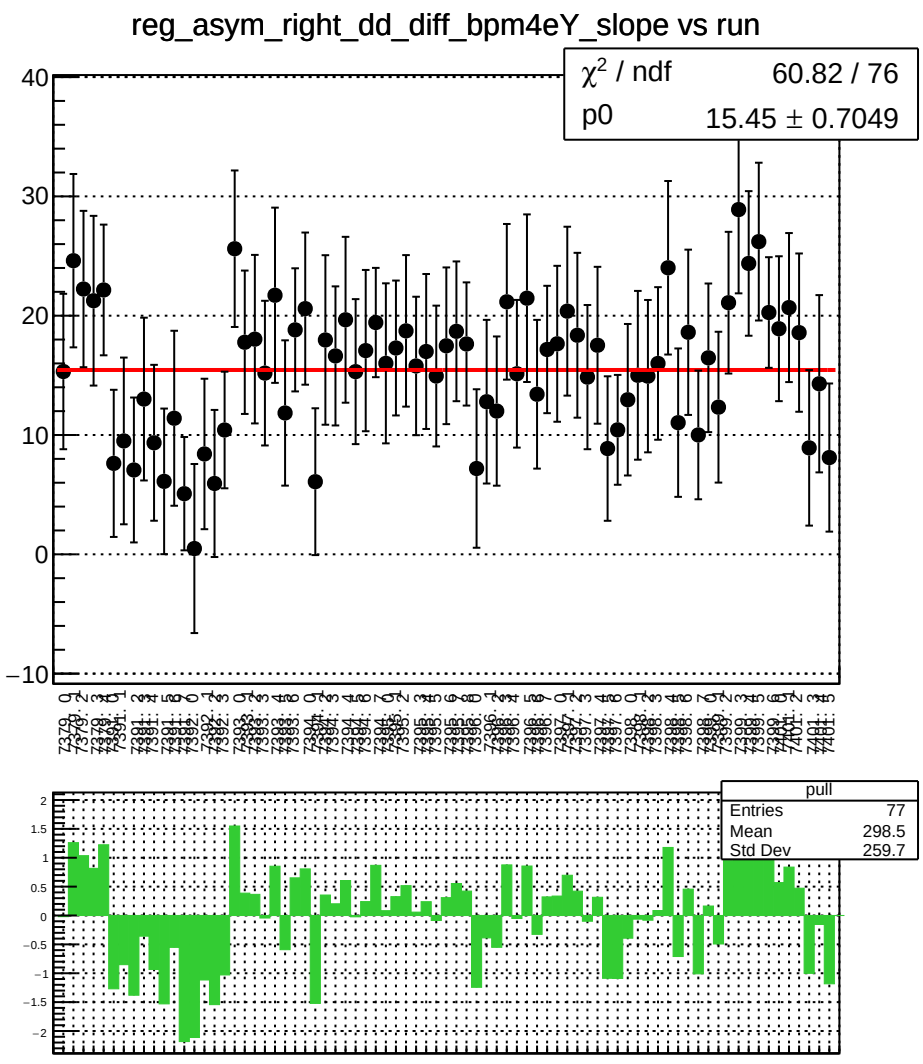

pull1D
Entries 77
Mean −0.1218
Std Dev 1.45

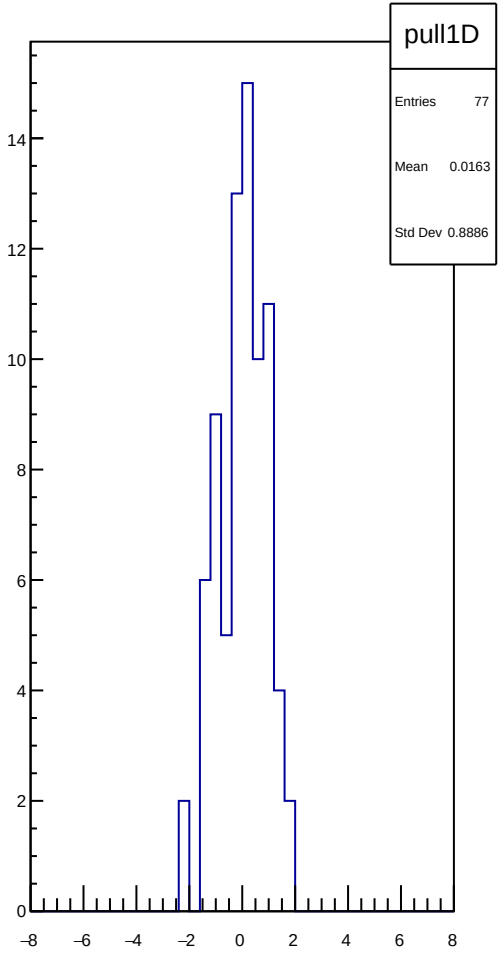

reg_asym_right_dd_diff_bpm4aY_slope vs run
χ² / ndf 69.31 / 76
p0 −9.204 ± 0.6613
pull
Entries 77
Mean 242.6
Std Dev 204.9

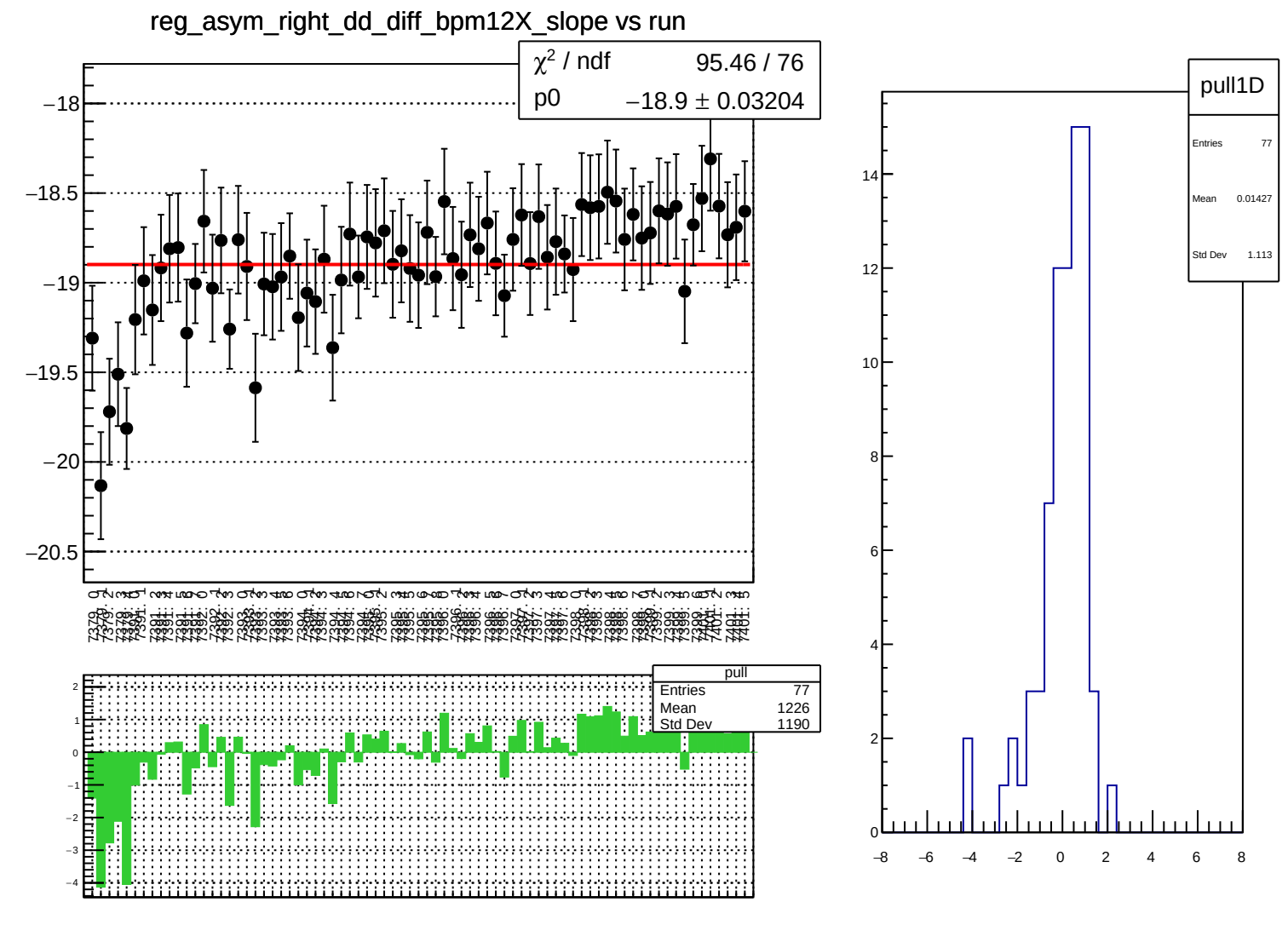

pull1D
Entries 77
Mean −0.02466
Std Dev 0.9484

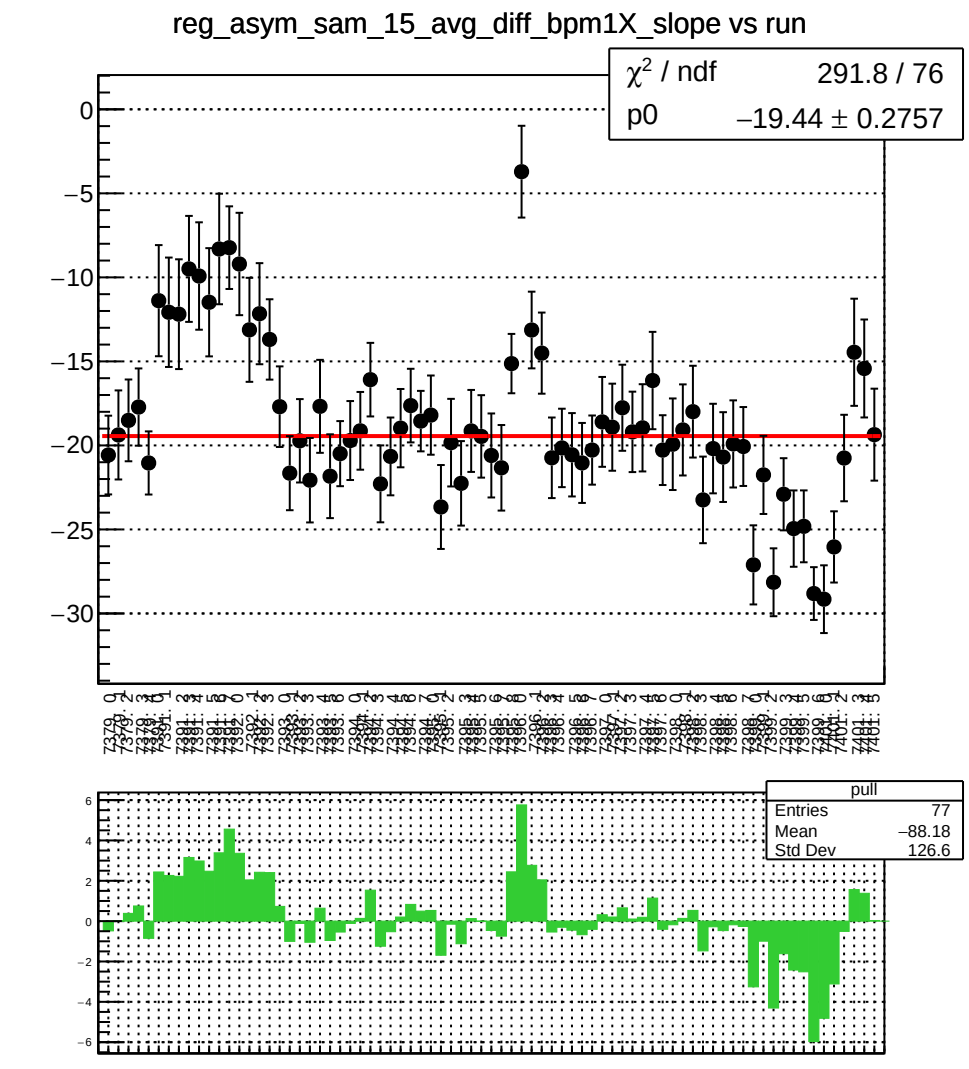

reg_asym_right_dd_diff_bpm4eX_slope vs run
χ² / ndf 167.4 / 76
p0 39.48 ± 0.6545
pull
Entries 77
Mean −80.39
Std Dev 116.6

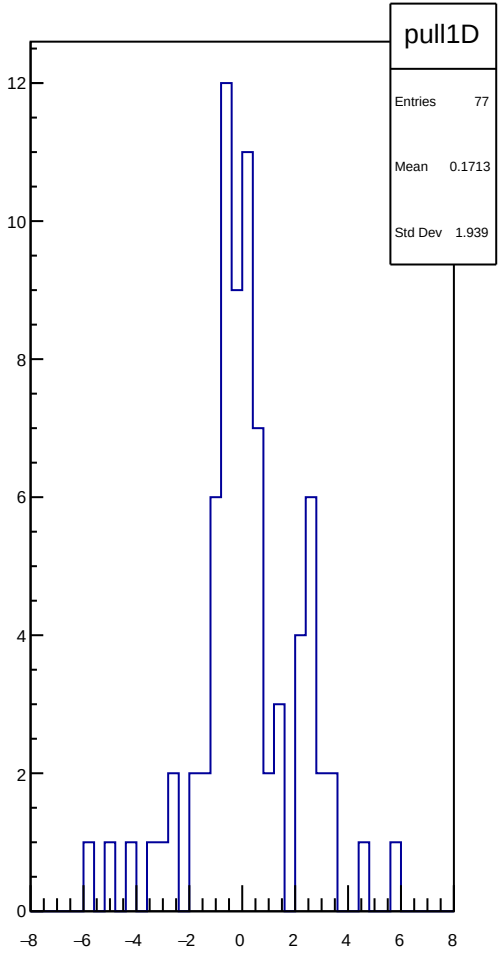

pull1D
Entries 77
Mean 0.1275
Std Dev 1.469

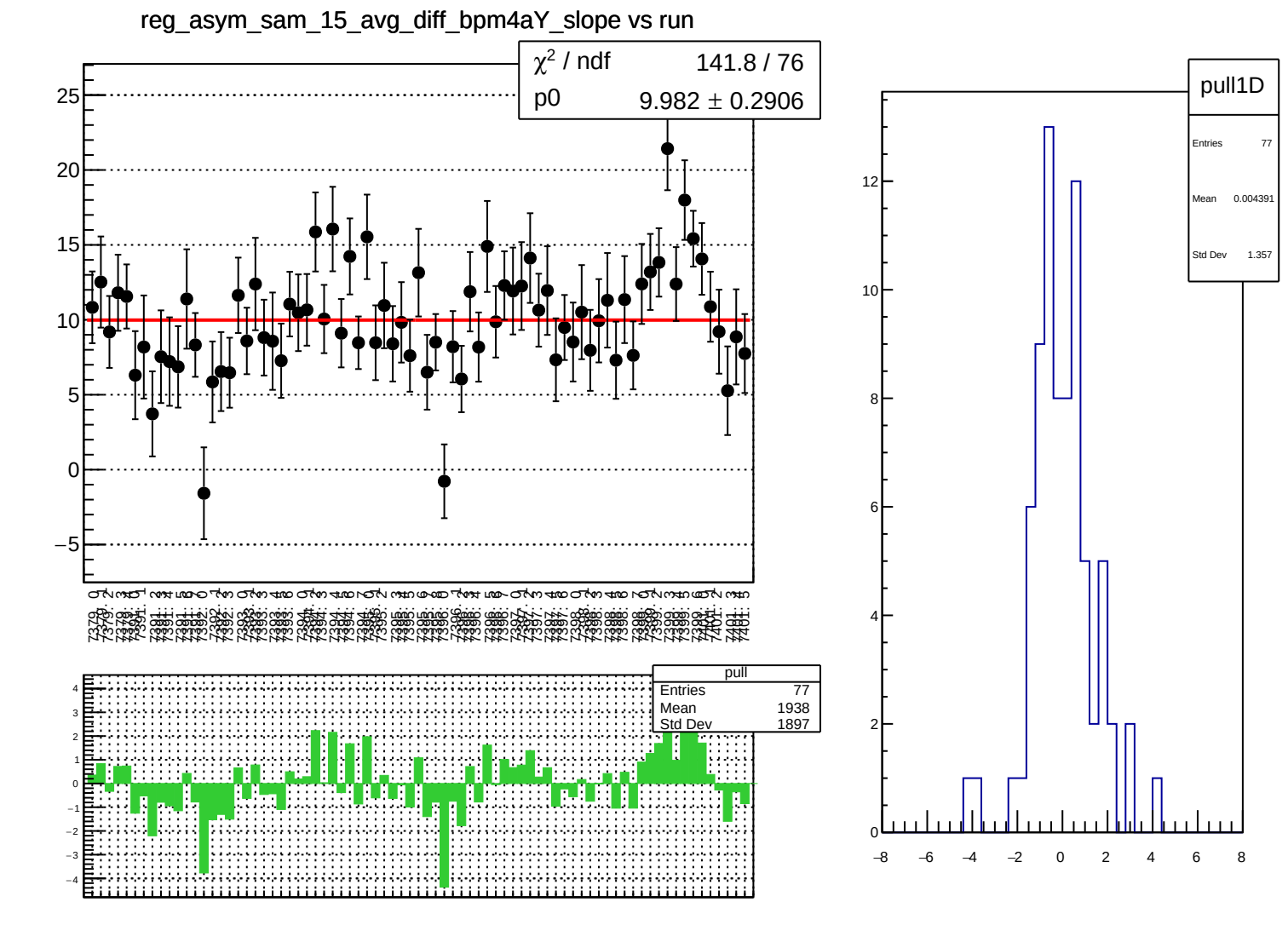

reg_asym_right_dd_diff_bpm4eY_slope vs run
χ² / ndf 60.82 / 76
p0 15.45 ± 0.7049
pull
Entries 77
Mean 298.5
Std Dev 259.7

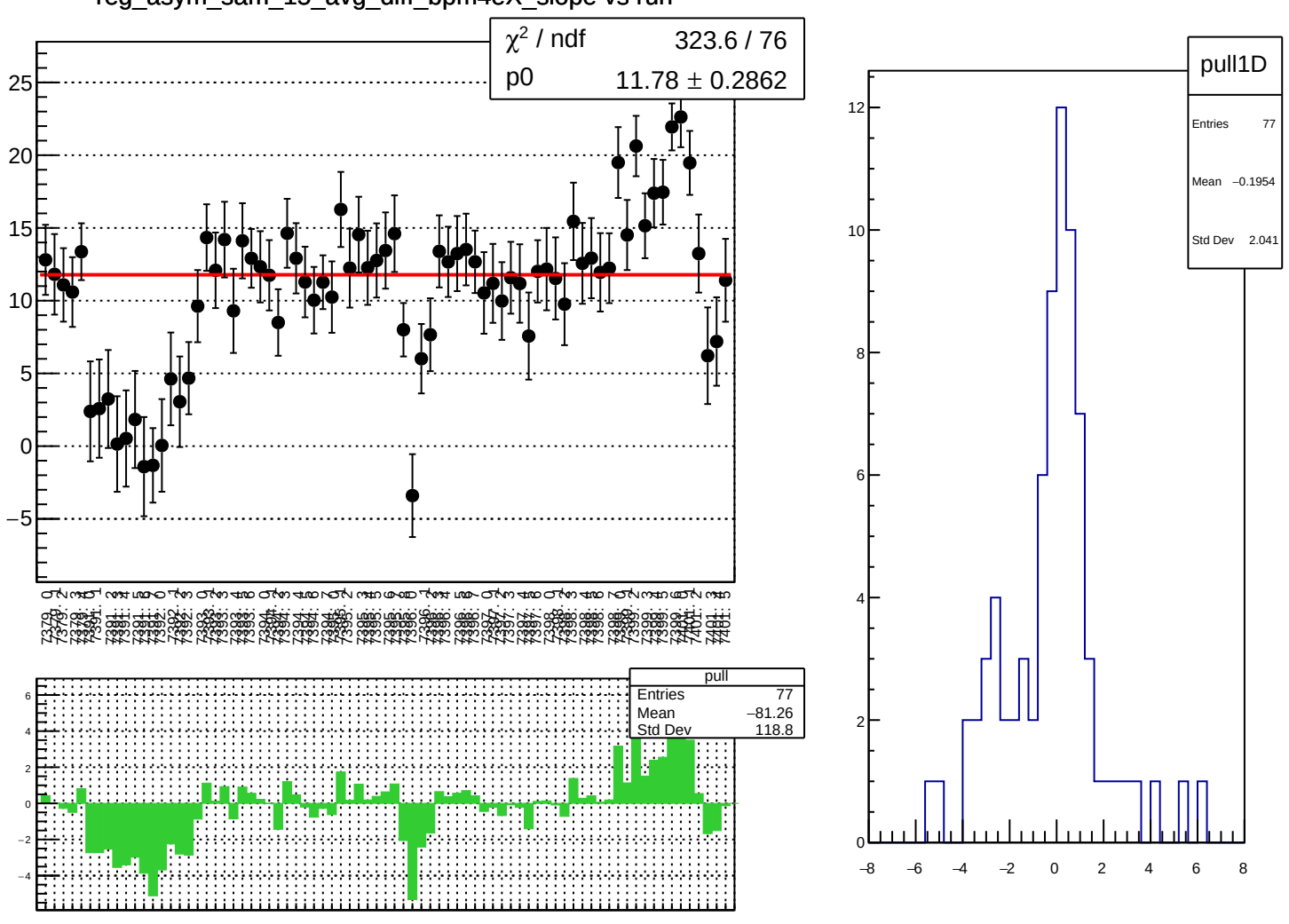

pull1D
Entries 77
Mean 0.0163
Std Dev 0.8886

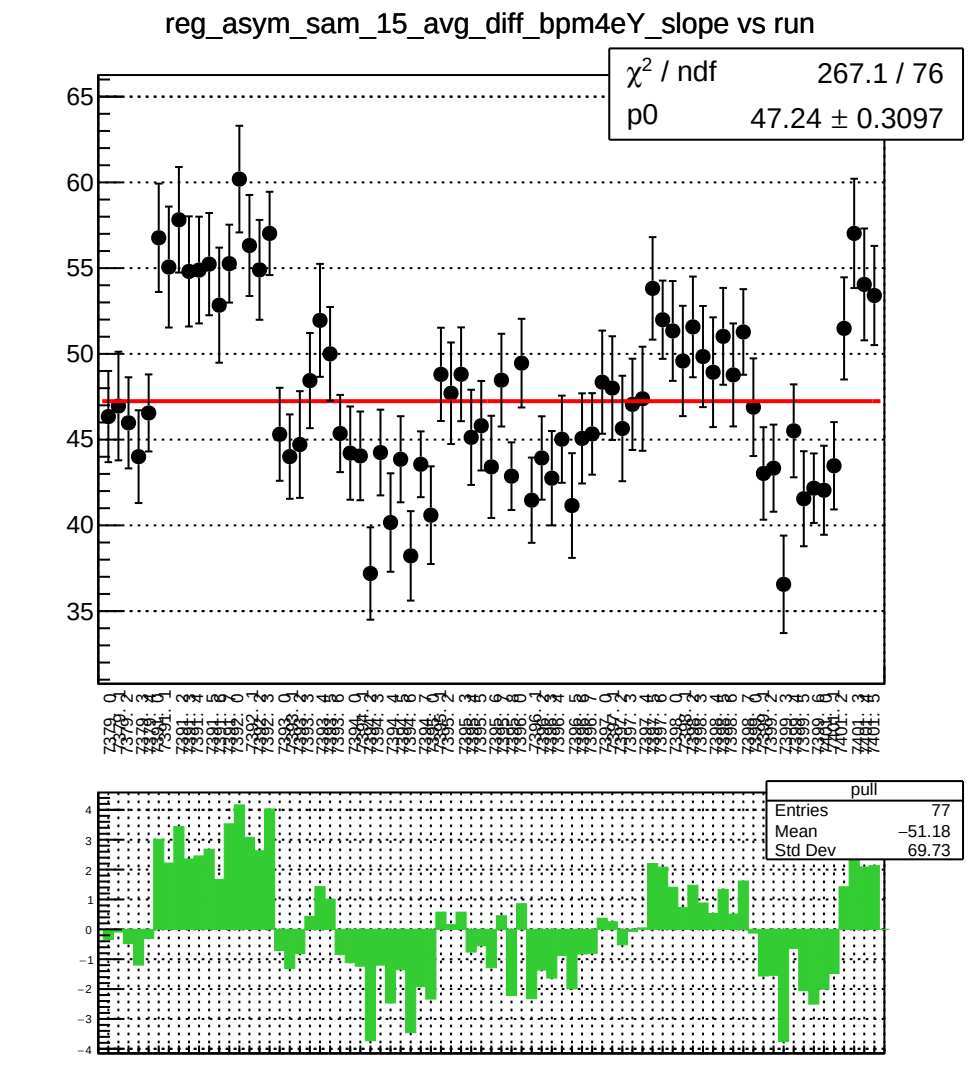

reg_asym_right_dd_diff_bpm12X_slope vs run
χ² / ndf 95.46 / 76
p0 −18.9 ± 0.03204
−18
−18.5
−19
−19.5
−20
−20.5
pull
Entries 77
Mean 1226
Std Dev 1190
pull1D
Entries 77
Mean 0.01427
Std Dev 1.113

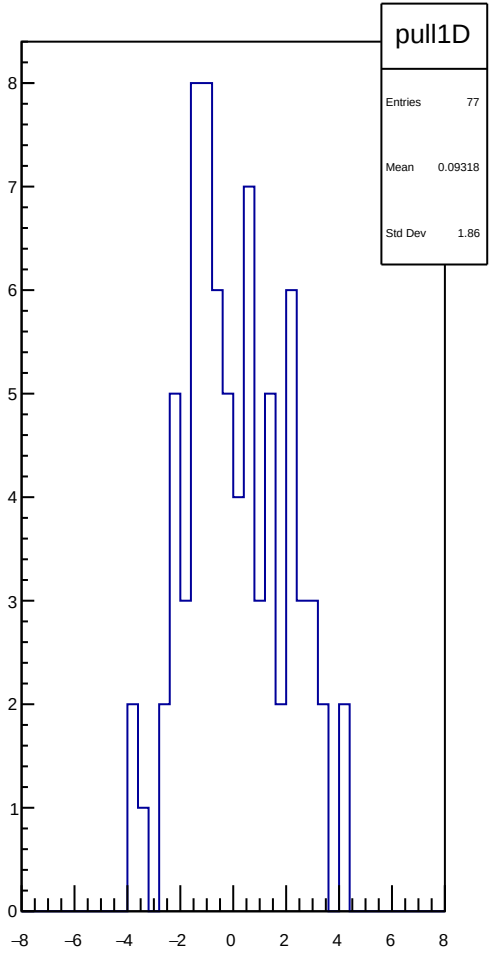

reg_asym_sam_15_avg_diff_bpm1X_slope vs run
χ² / ndf 291.8 / 76
p0 −19.44 ± 0.2757
pull
Entries 77
Mean −88.18
Std Dev 126.6

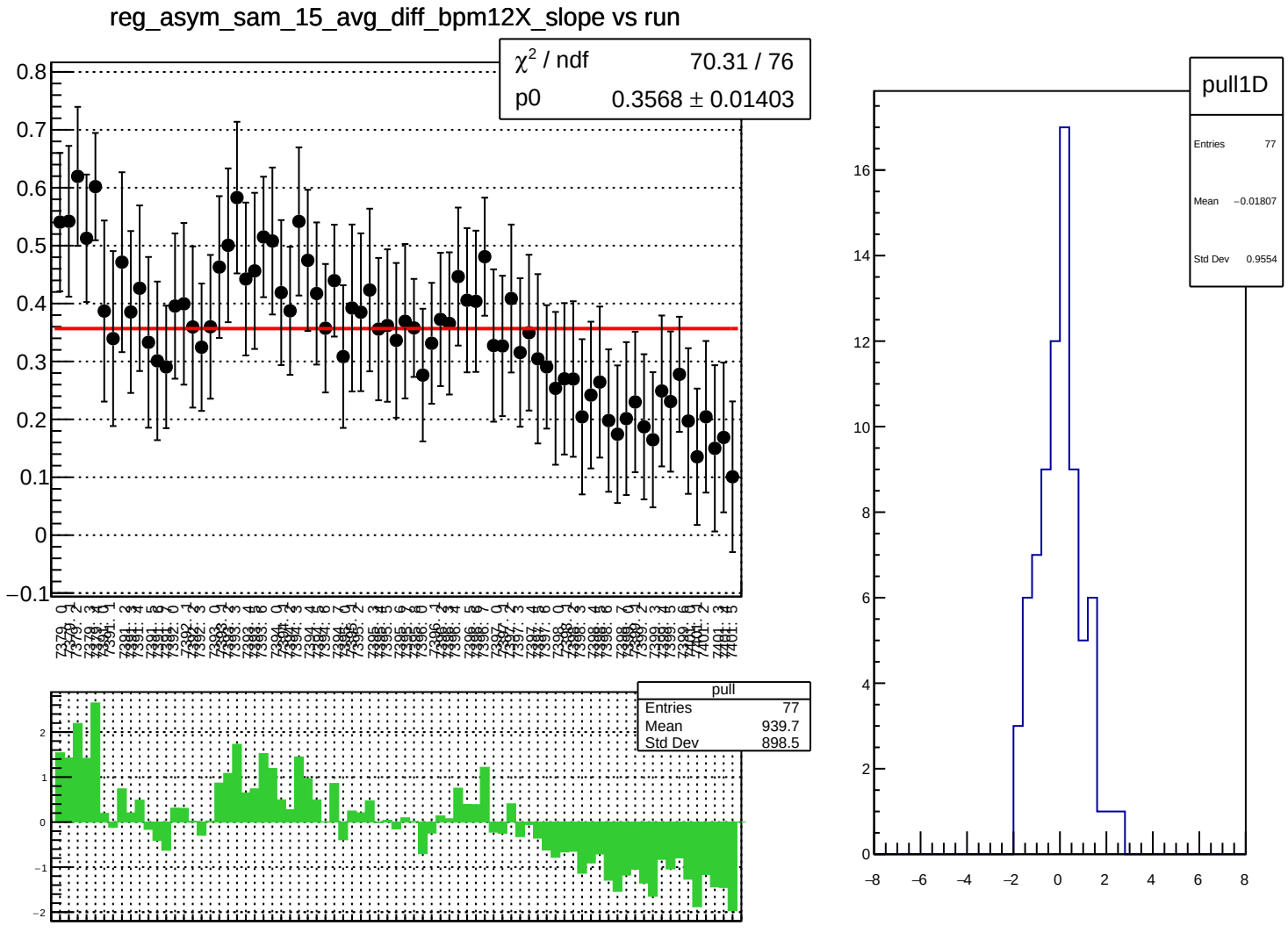

pull1D
Entries 77
Mean 0.1713
Std Dev 1.939

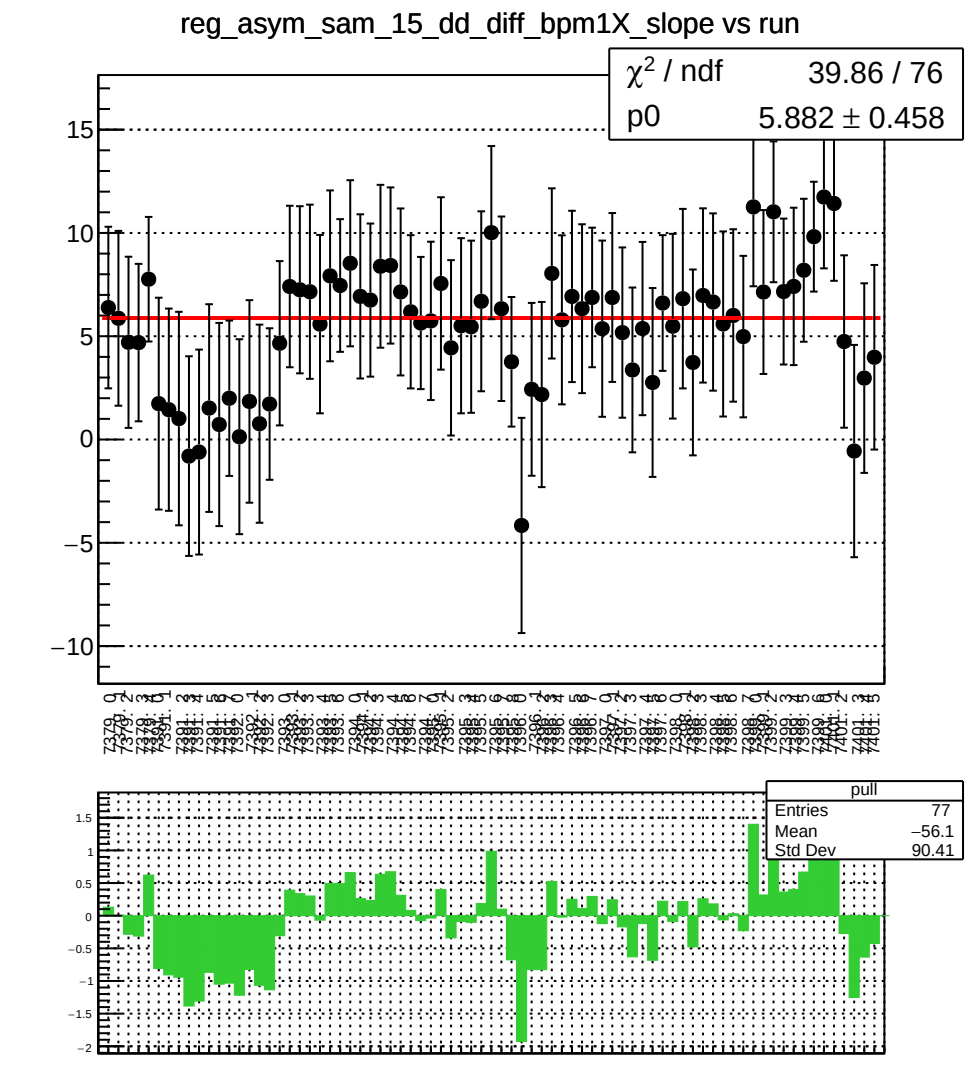

reg_asym_sam_15_avg_diff_bpm4aY_slope vs run
χ² / ndf 141.8 / 76
p0 9.982 ± 0.2906
pull
Entries 77
Mean 1938
Std Dev 1897
pull1D
Entries 77
Mean 0.004391
Std Dev 1.357

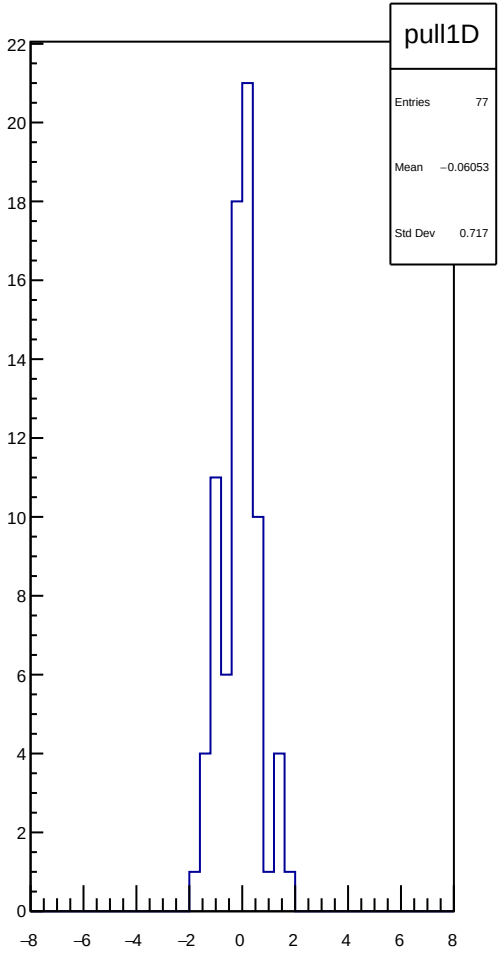

reg_asym_sam_15_avg_diff_bpm4eX_slope vs run
χ² / ndf 323.6 / 76
p0 11.78 ± 0.2862
pull
Entries 77
Mean −81.26
Std Dev 118.8
pull1D
Entries 77
Mean −0.1954
Std Dev 2.041

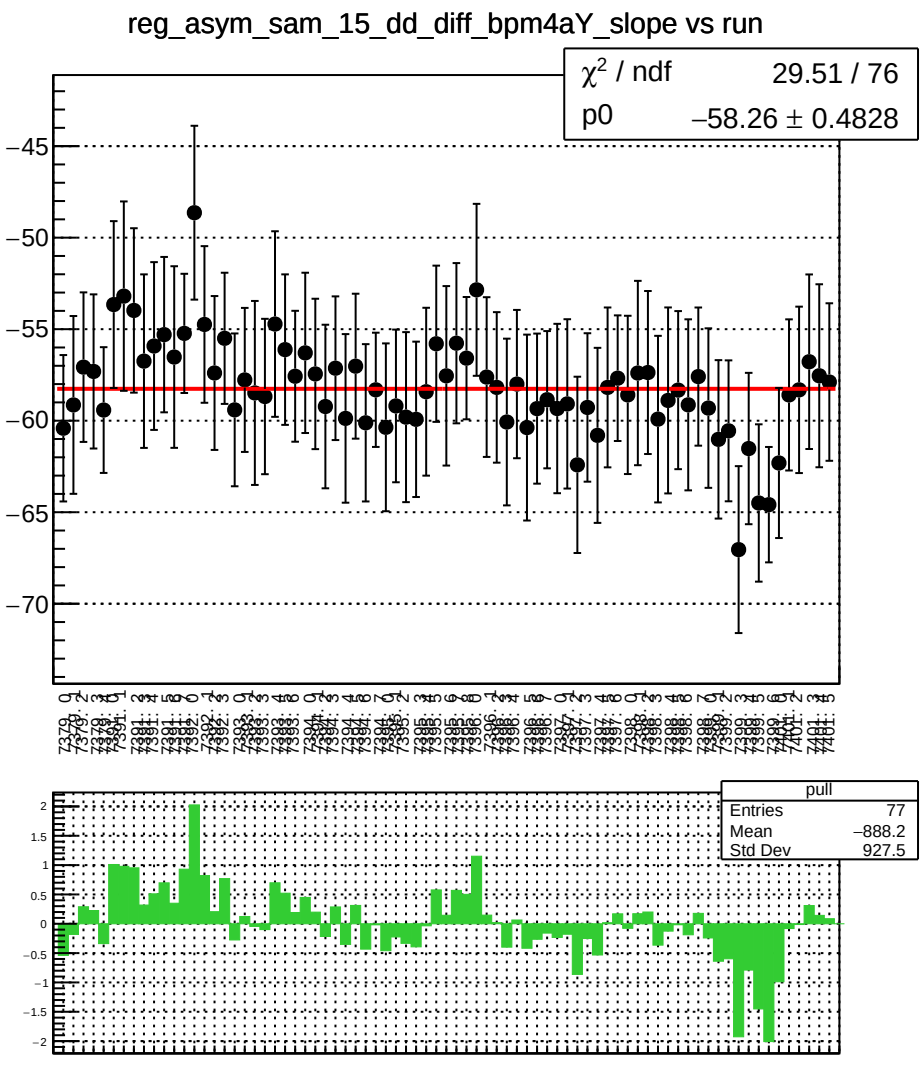

reg_asym_sam_15_avg_diff_bpm4eY_slope vs run
χ² / ndf 267.1 / 76
p0 47.24 ± 0.3097
pull
Entries 77
Mean −51.18
Std Dev 69.73

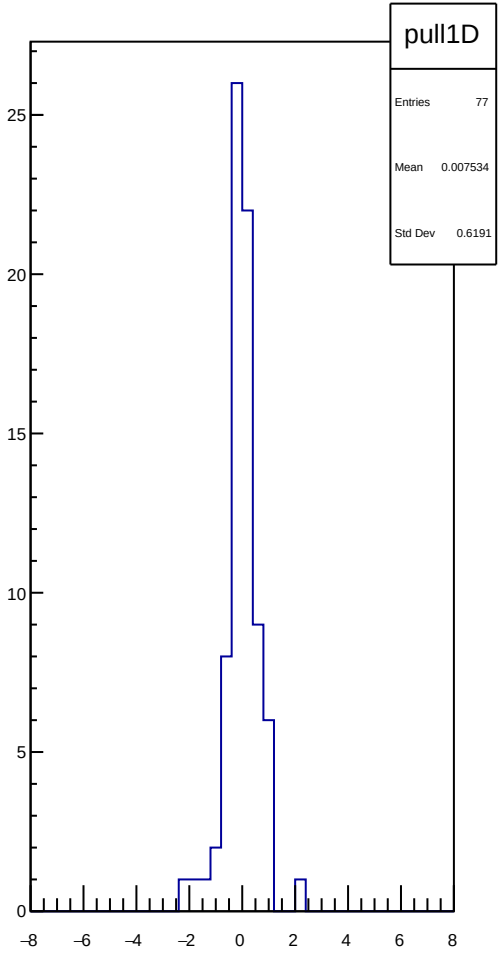

pull1D
Entries 77
Mean 0.09318
Std Dev 1.86

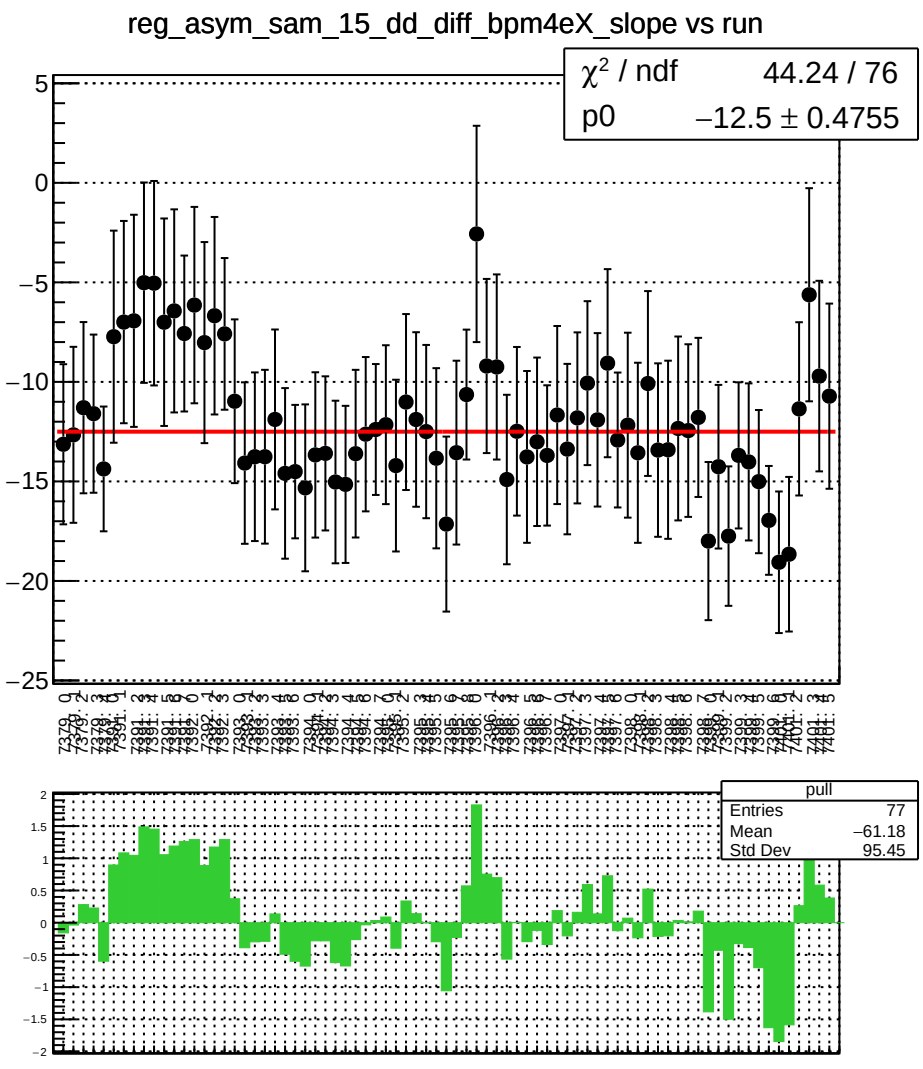

reg_asym_sam_15_avg_diff_bpm12X_slope vs run
χ² / ndf 70.31 / 76
p0 0.3568 ± 0.01403
pull
Entries 77
Mean 939.7
Std Dev 898.5
pull1D
Entries 77
Mean −0.01807
Std Dev 0.9554

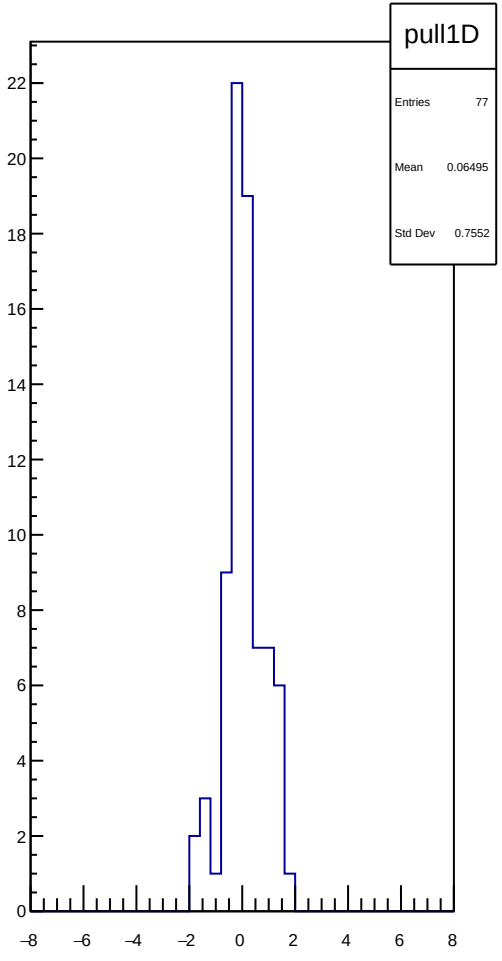

reg_asym_sam_15_dd_diff_bpm1X_slope vs run
χ² / ndf 39.86 / 76
p0 5.882 ± 0.458
pull
Entries 77
Mean −56.1
Std Dev 90.41

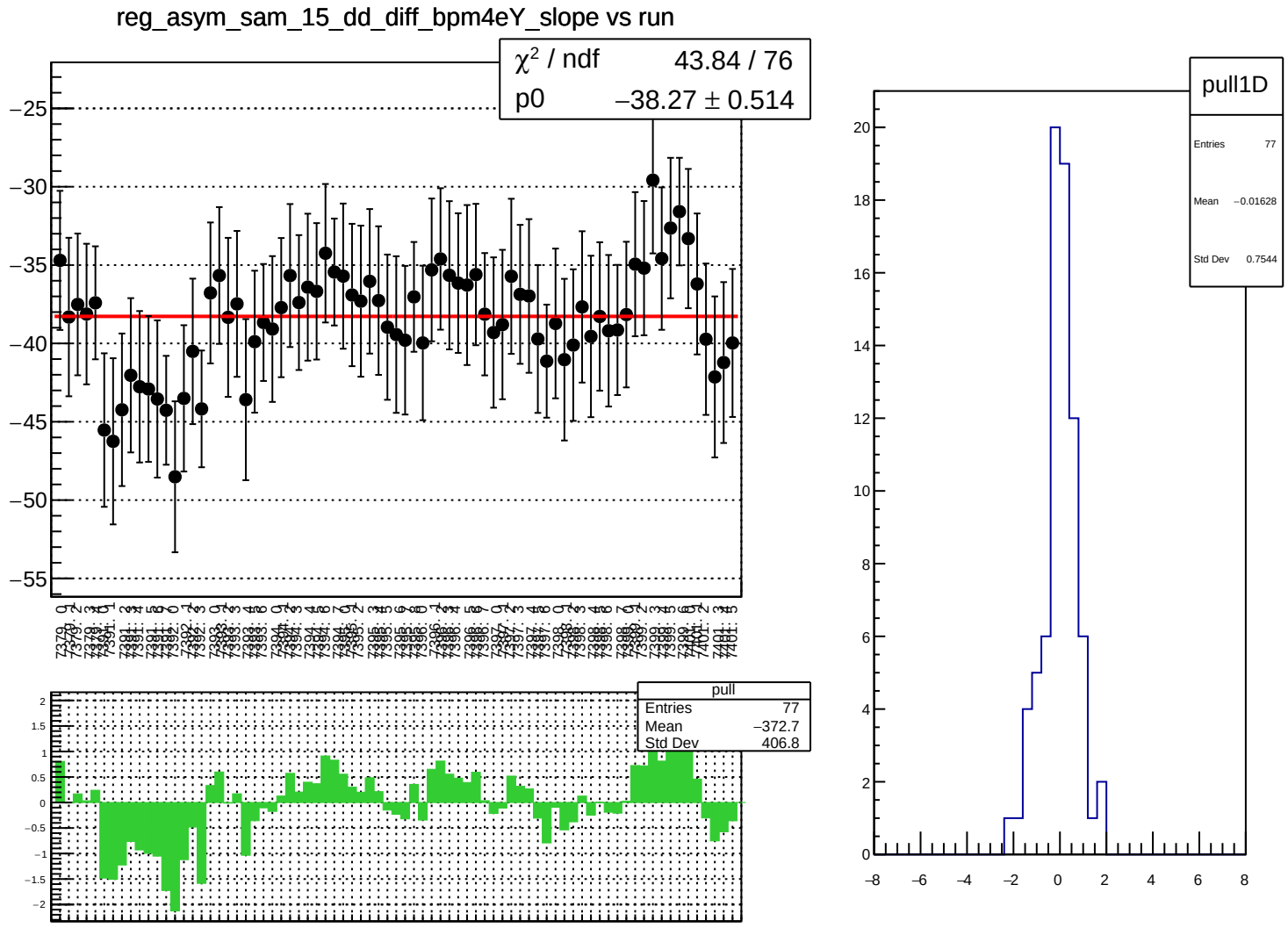

pull1D
Entries 77
Mean −0.06053
Std Dev 0.717

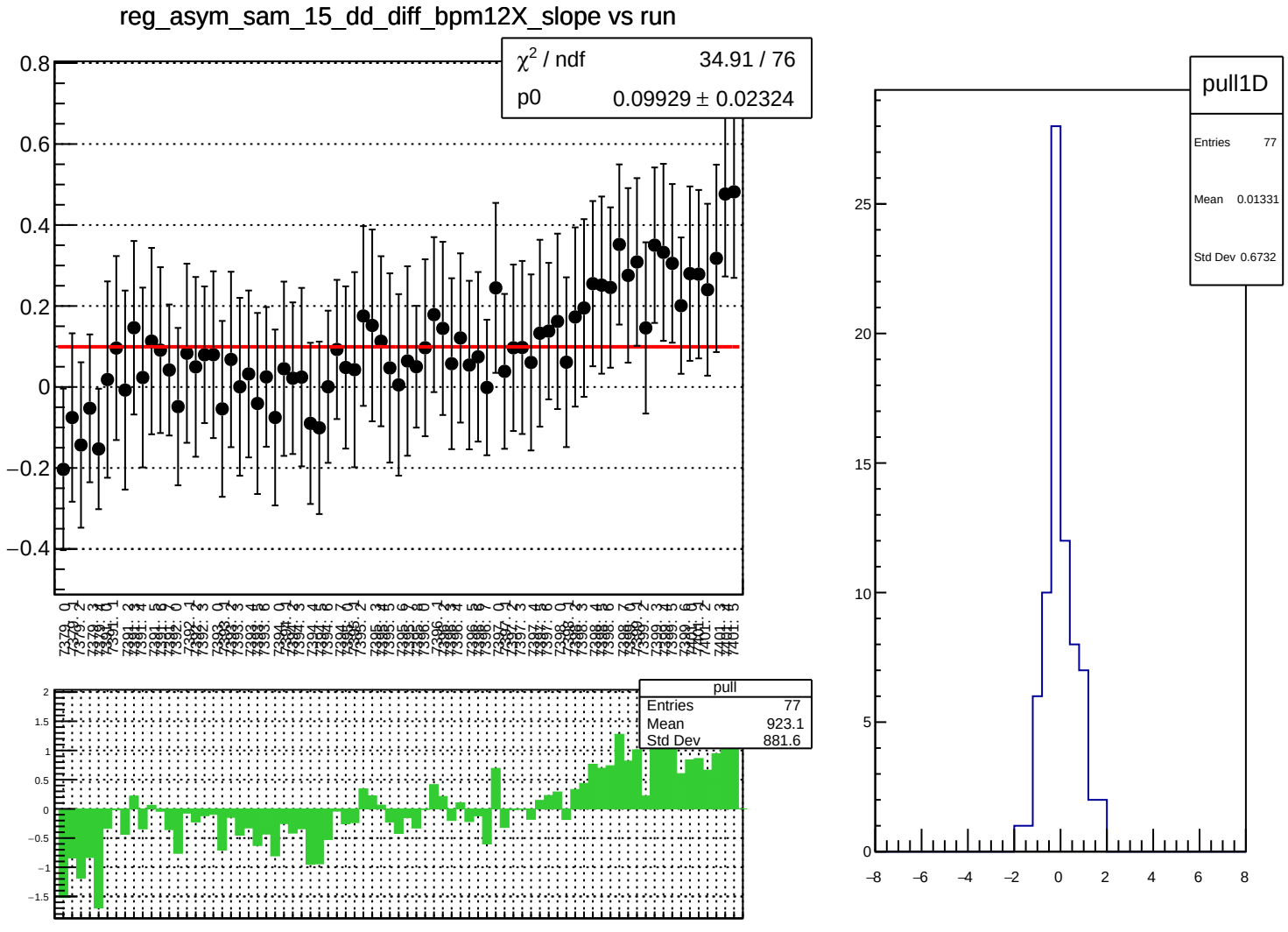

reg_asym_sam_15_dd_diff_bpm4aY_slope vs run
χ² / ndf 29.51 / 76
p0 −58.26 ± 0.4828
pull
Entries 77
Mean −888.2
Std Dev 927.5

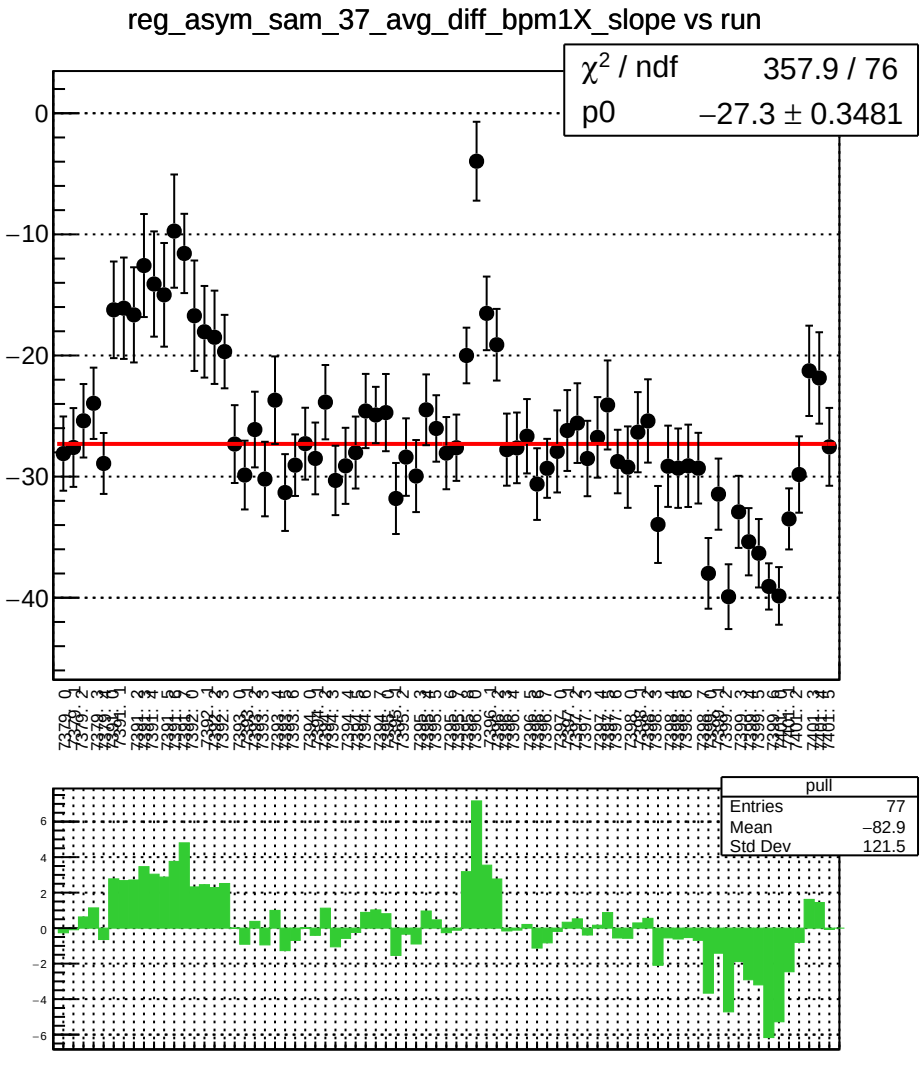

pull1D
Entries 77
Mean 0.007534
Std Dev 0.6191

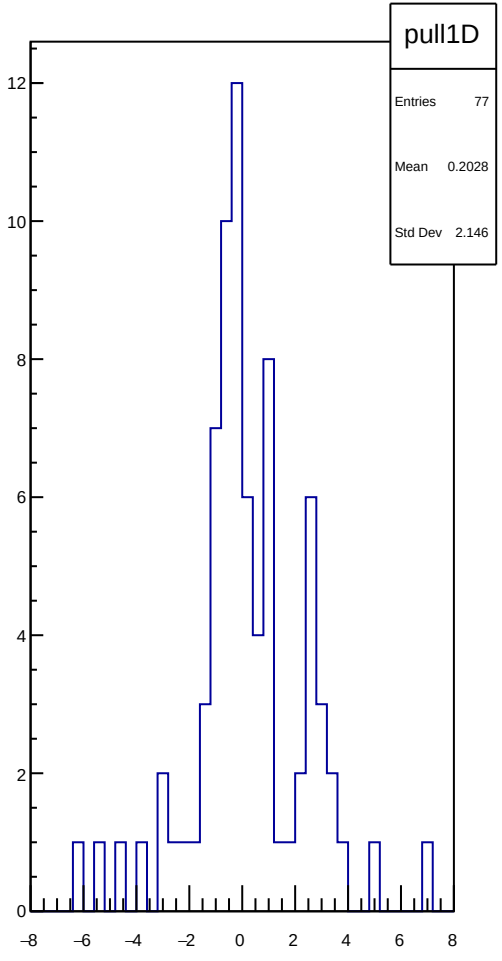

reg_asym_sam_15_dd_diff_bpm4eX_slope vs run
χ² / ndf 44.24 / 76
p0 −12.5 ± 0.4755
pull
Entries 77
Mean −61.18
Std Dev 95.45

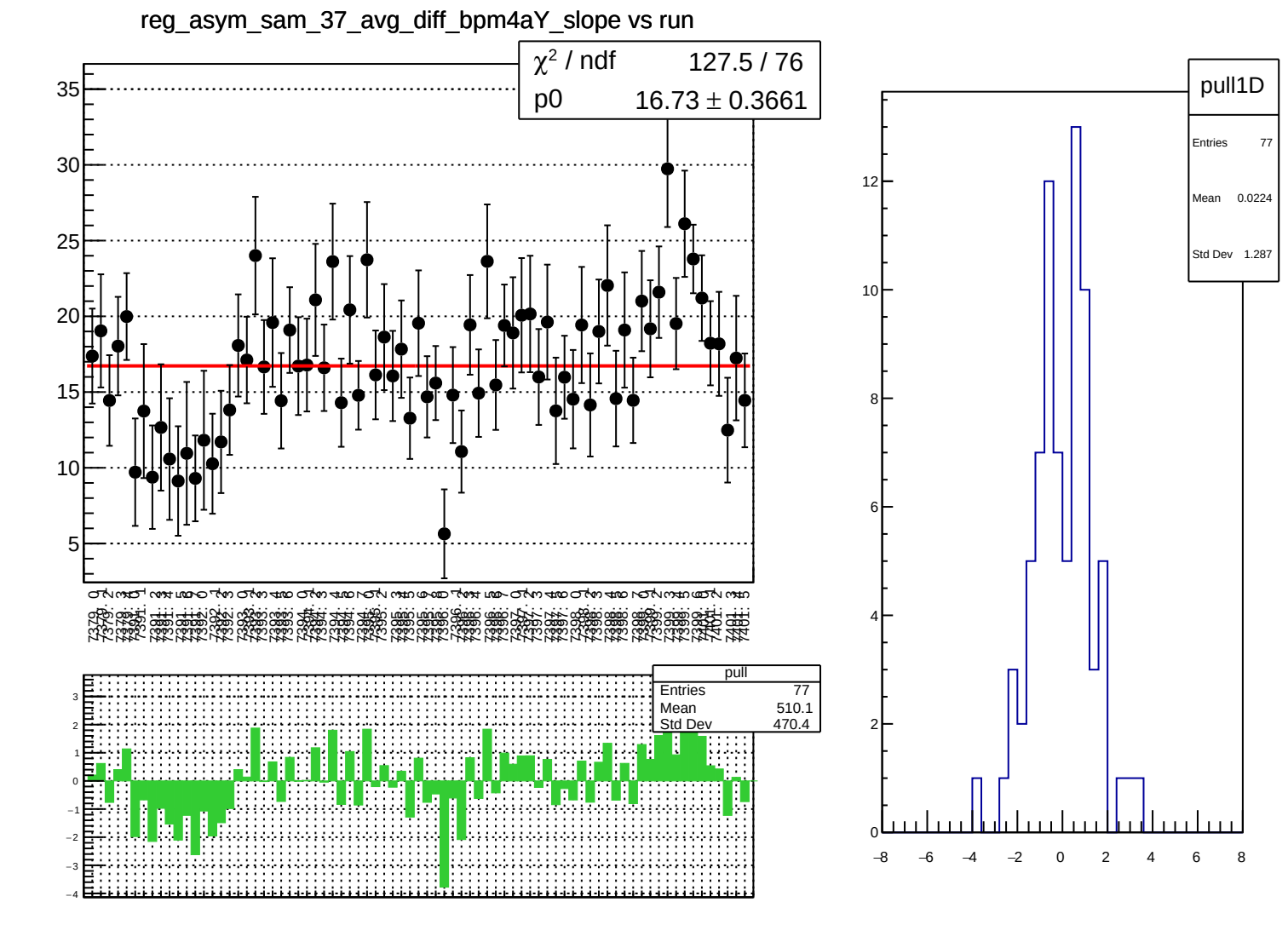

pull1D
Entries 77
Mean 0.06495
Std Dev 0.7552

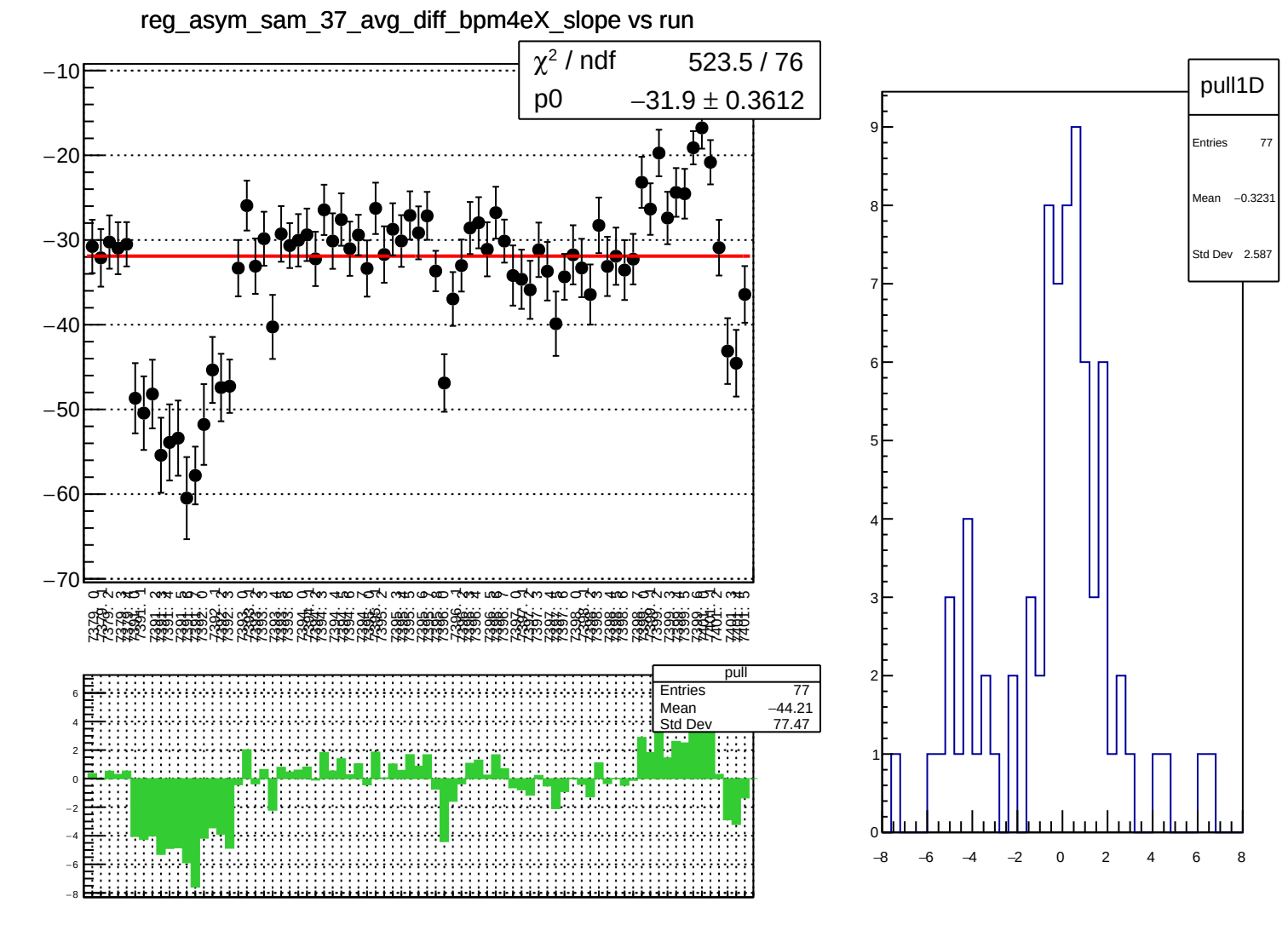

reg_asym_sam_15_dd_diff_bpm4eY_slope vs run
χ² / ndf 43.84 / 76
p0 −38.27 ± 0.514
pull
Entries 77
Mean −372.7
Std Dev 406.8
pull1D
Entries 77
Mean −0.01628
Std Dev 0.7544

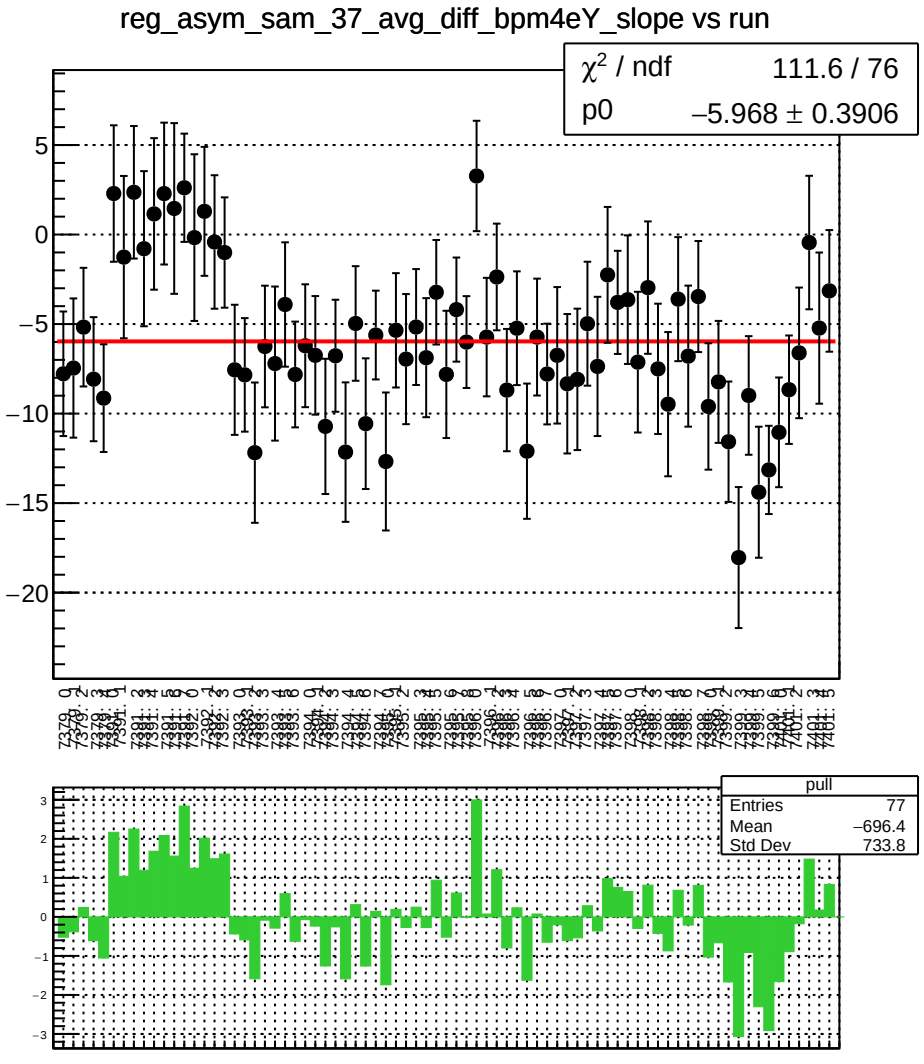

reg_asym_sam_15_dd_diff_bpm12X_slope vs run
χ² / ndf 34.91 / 76
p0 0.09929 ± 0.02324
pull
Entries 77
Mean 923.1
Std Dev 881.6
pull1D
Entries 77
Mean 0.01331
Std Dev 0.6732

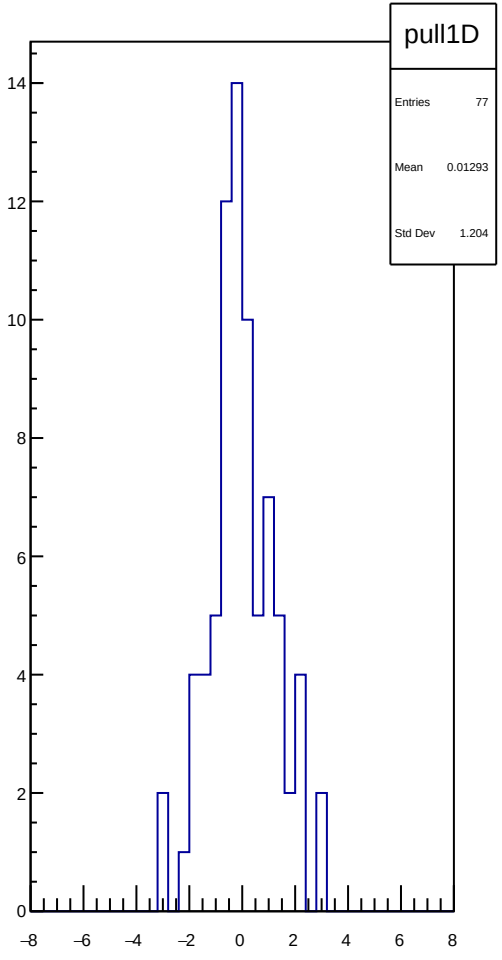

reg_asym_sam_37_avg_diff_bpm1X_slope vs run
χ² / ndf 357.9 / 76
p0 −27.3 ± 0.3481
pull
Entries 77
Mean −82.9
Std Dev 121.5

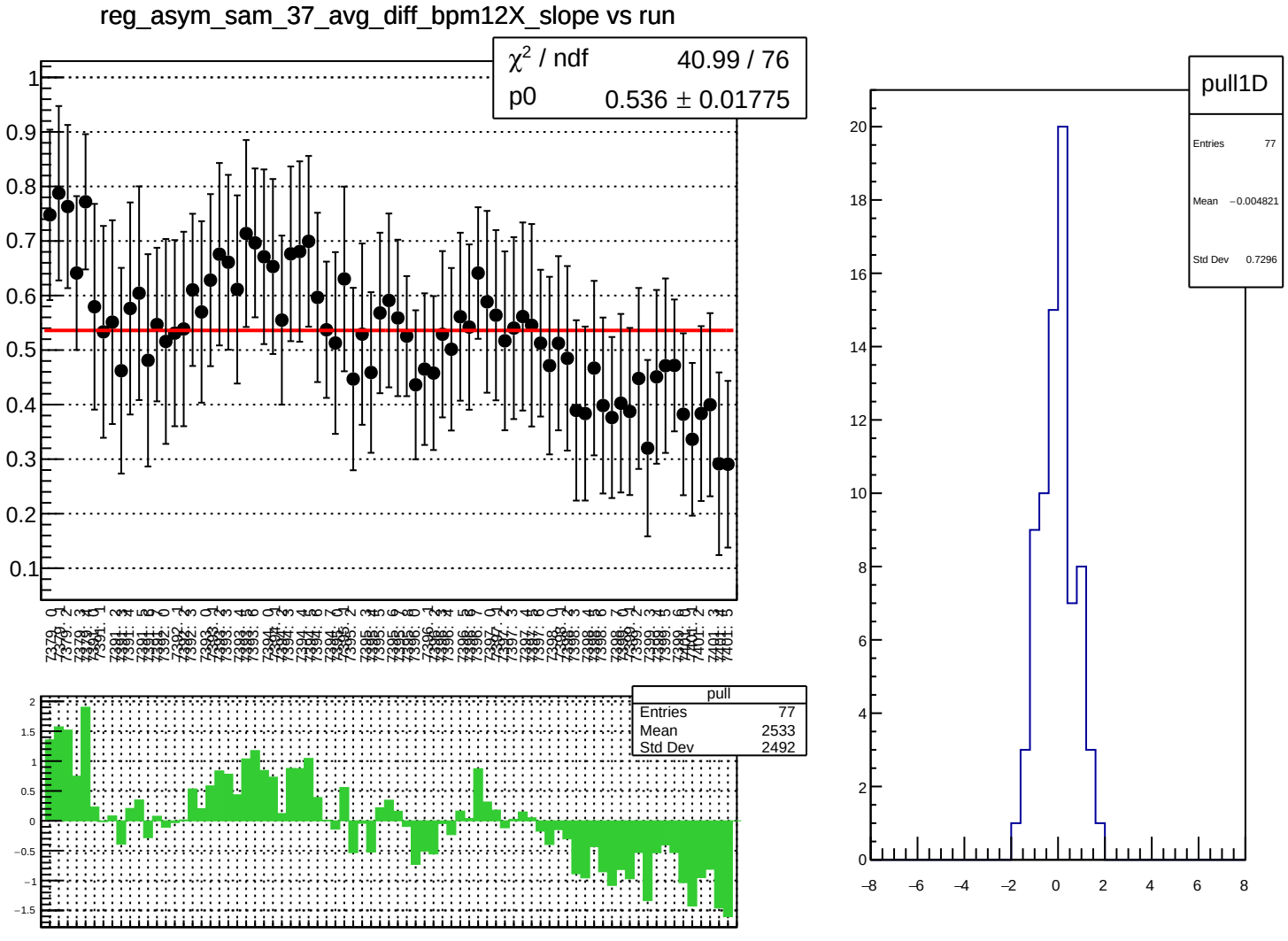

pull1D
Entries 77
Mean 0.2028
Std Dev 2.146

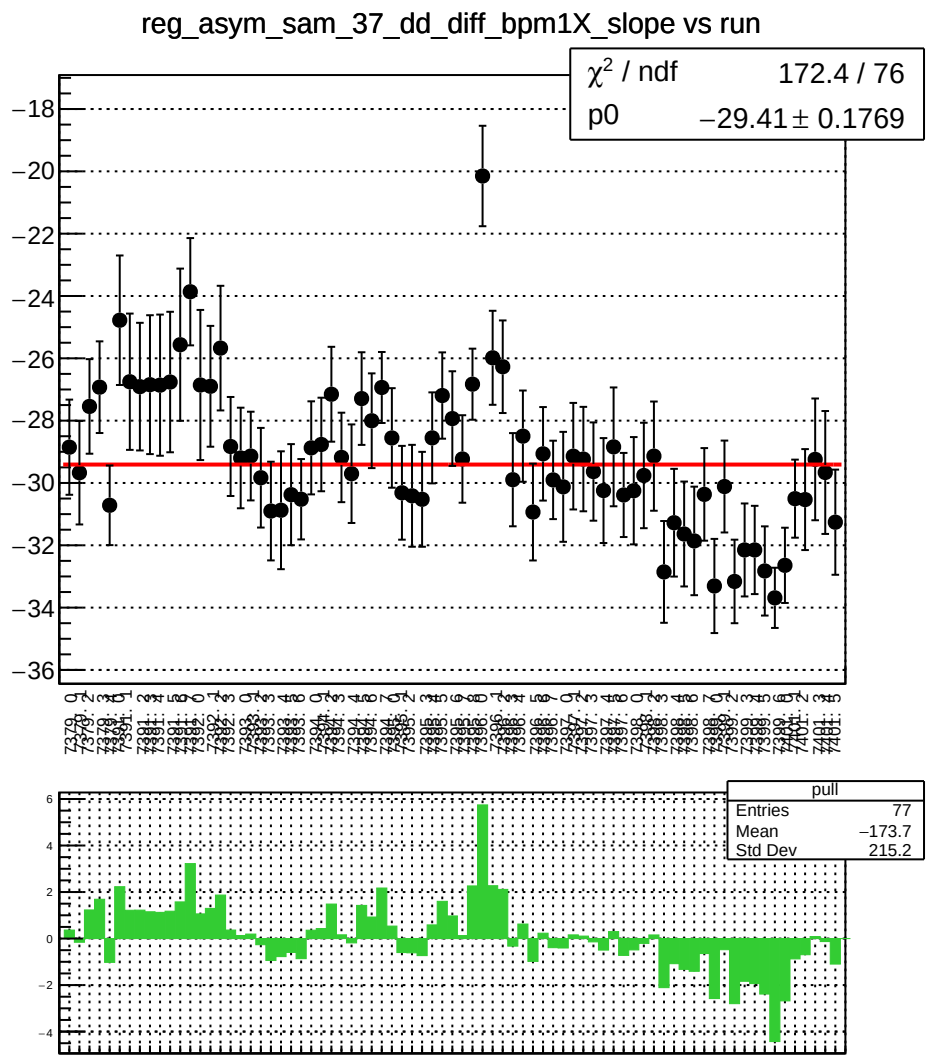

reg_asym_sam_37_avg_diff_bpm4aY_slope vs run
χ² / ndf 127.5 / 76
p0 16.73 ± 0.3661
pull
Entries 77
Mean 510.1
Std Dev 470.4
pull1D
Entries 77
Mean 0.0224
Std Dev 1.287

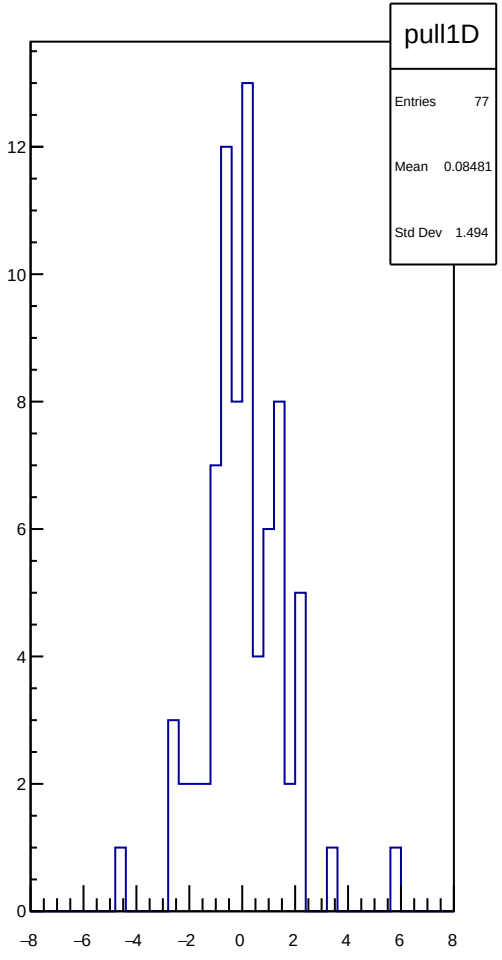

reg_asym_sam_37_avg_diff_bpm4eX_slope vs run
χ² / ndf 523.5 / 76
p0 −31.9 ± 0.3612
pull
Entries 77
Mean −44.21
Std Dev 77.47
pull1D
Entries 77
Mean −0.3231
Std Dev 2.587

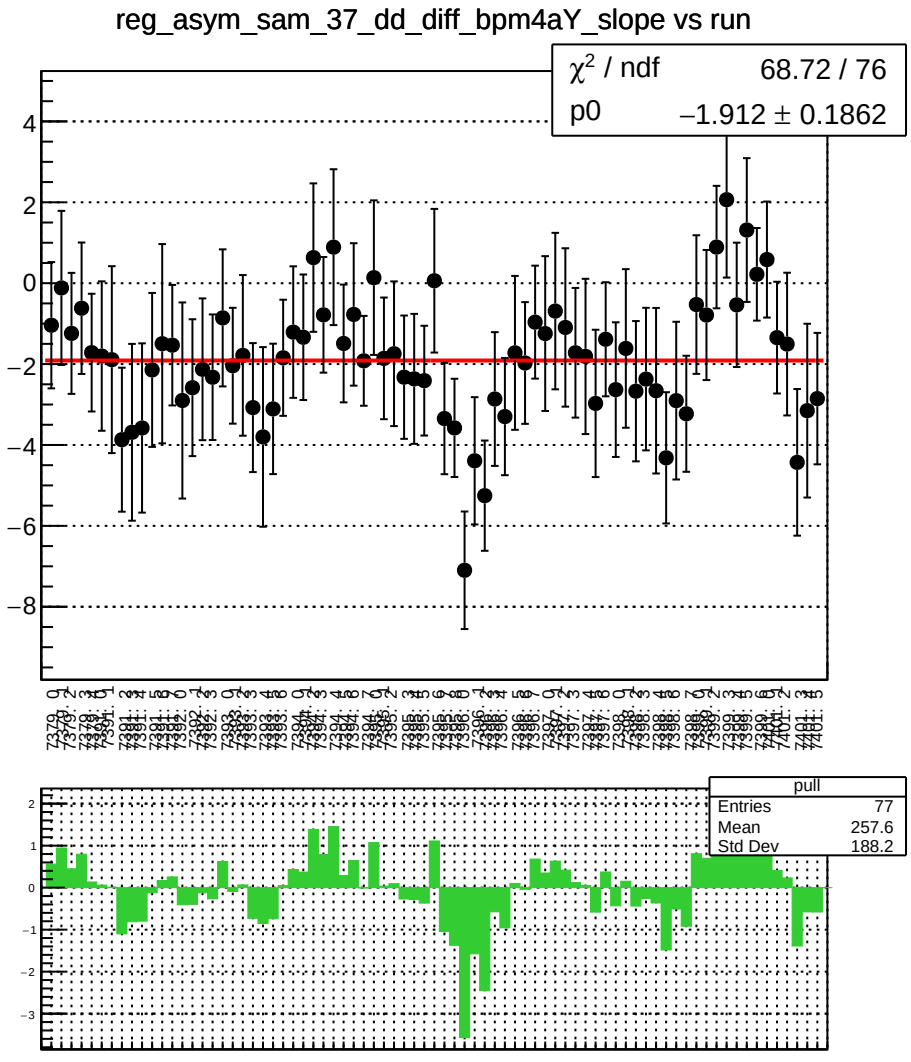

reg_asym_sam_37_avg_diff_bpm4eY_slope vs run
χ² / ndf 111.6 / 76
p0 −5.968 ± 0.3906
pull
Entries 77
Mean −696.4
Std Dev 733.8

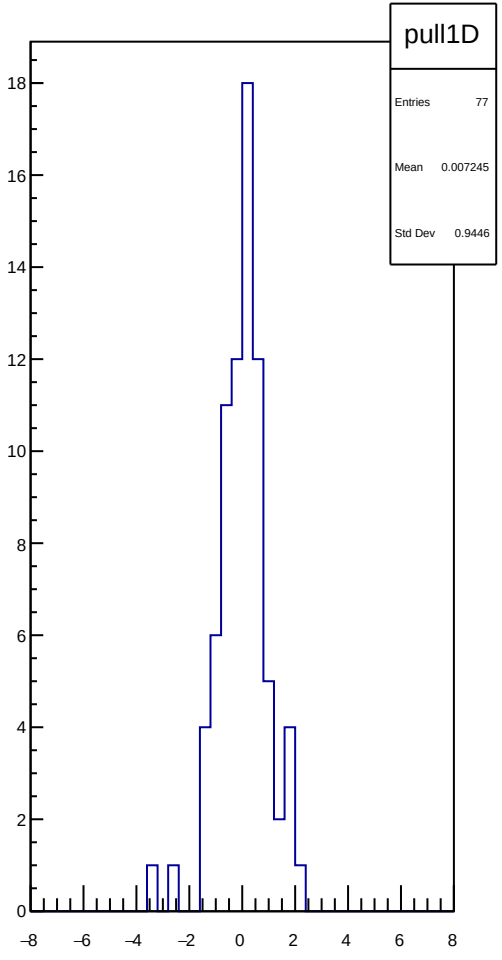

pull1D
Entries 77
Mean 0.01293
Std Dev 1.204

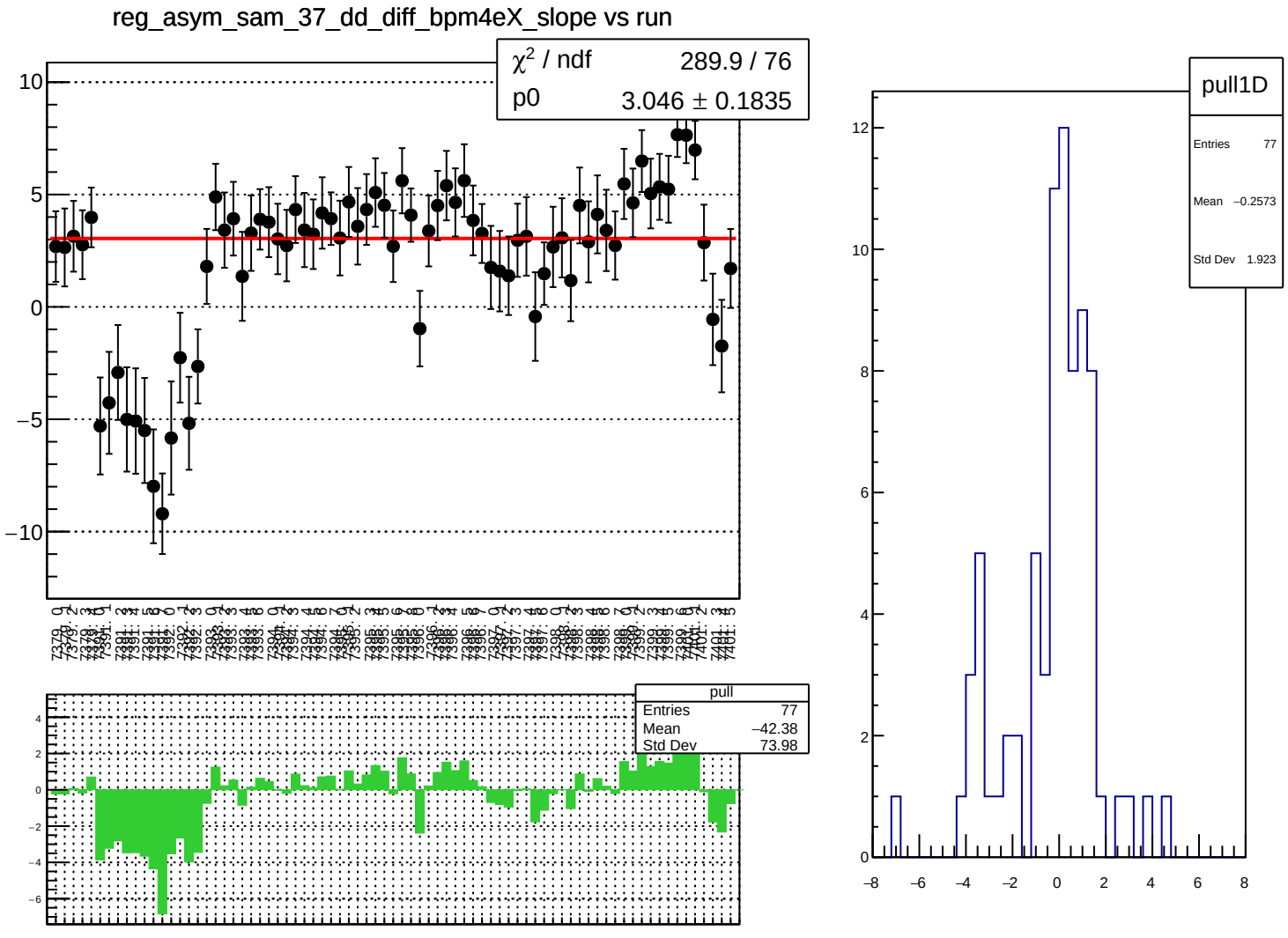

reg_asym_sam_37_avg_diff_bpm12X_slope vs run
χ² / ndf 40.99 / 76
p0 0.536 ± 0.01775
pull
Entries 77
Mean 2533
Std Dev 2492
pull1D
Entries 77
Mean −0.004821
Std Dev 0.7296

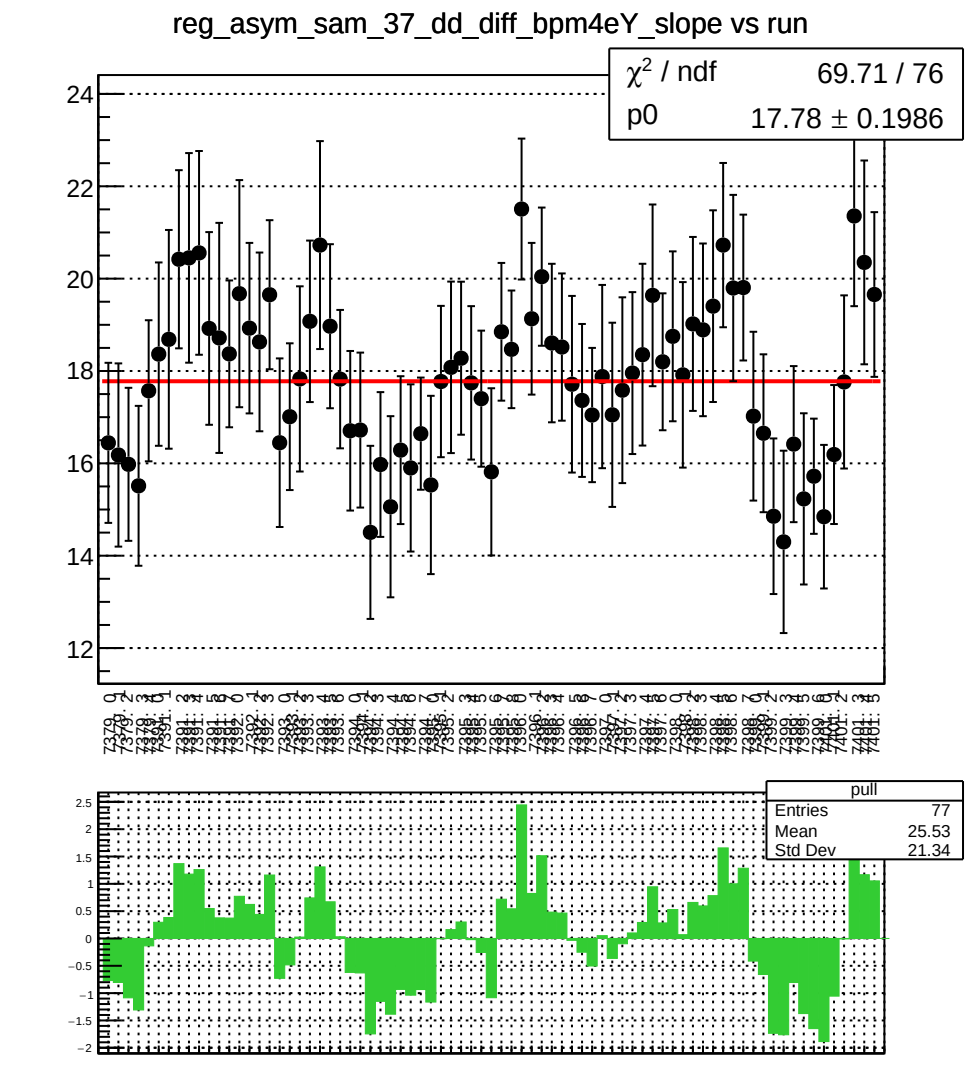

reg_asym_sam_37_dd_diff_bpm1X_slope vs run
χ² / ndf 172.4 / 76
p0 −29.41 ± 0.1769
pull
Entries 77
Mean −173.7
Std Dev 215.2

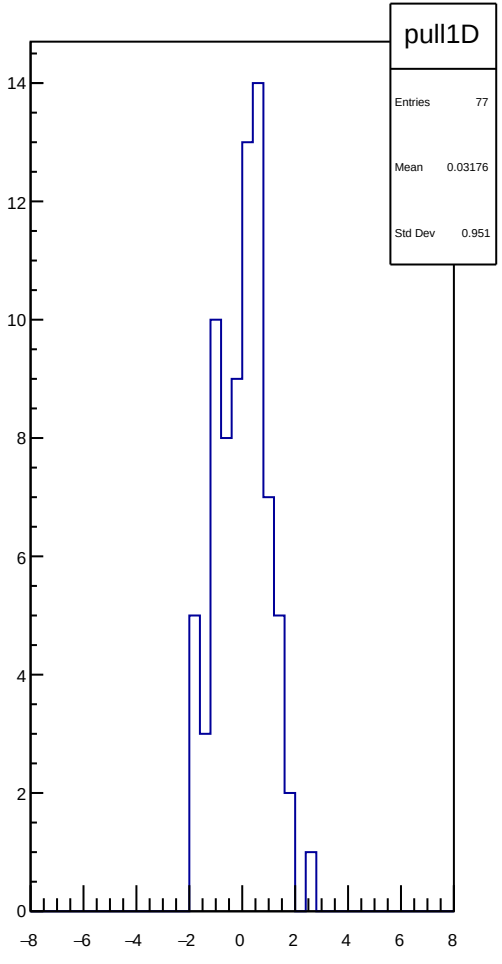

pull1D
Entries 77
Mean 0.08481
Std Dev 1.494

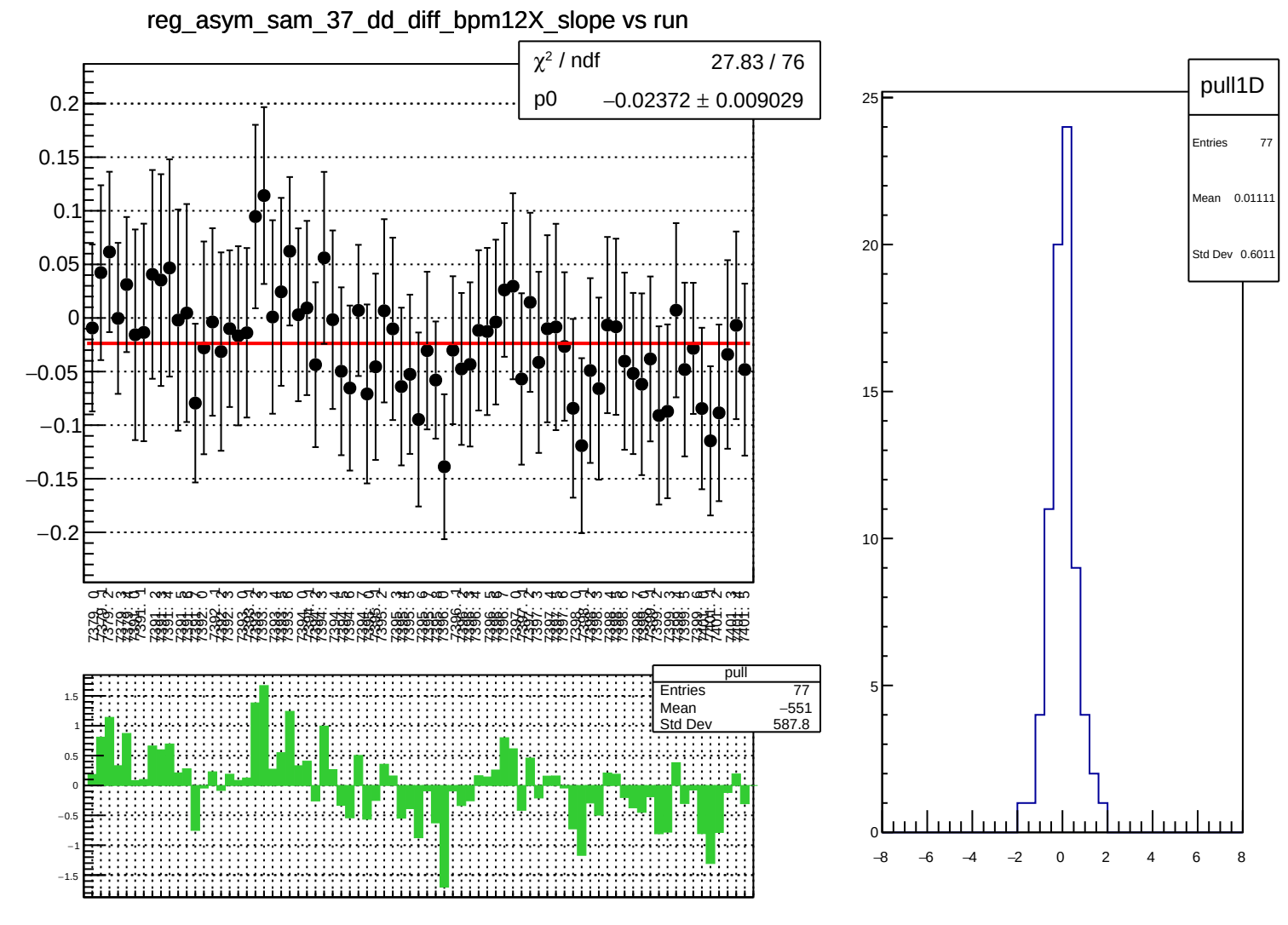

reg_asym_sam_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 68.72 / 76
p0 −1.912 ± 0.1862
pull
Entries 77
Mean 257.6
Std Dev 188.2

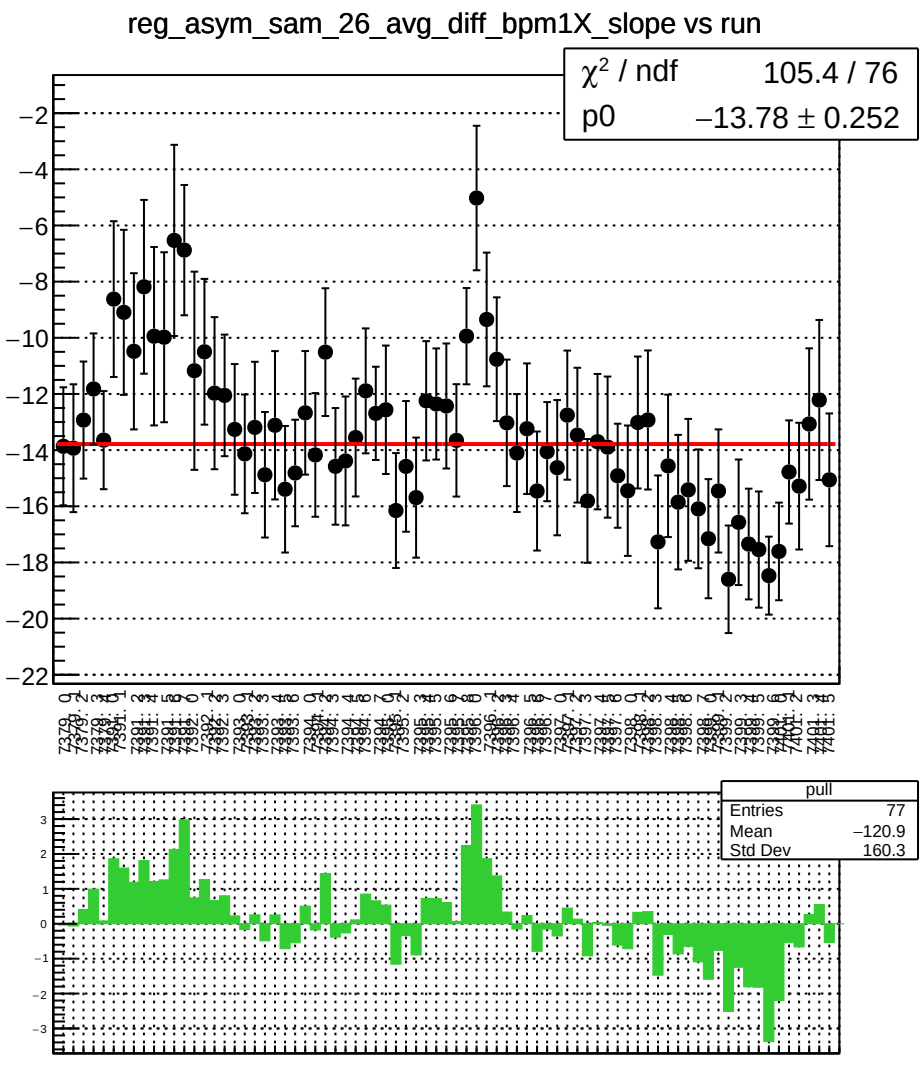

pull1D
Entries 77
Mean 0.007245
Std Dev 0.9446

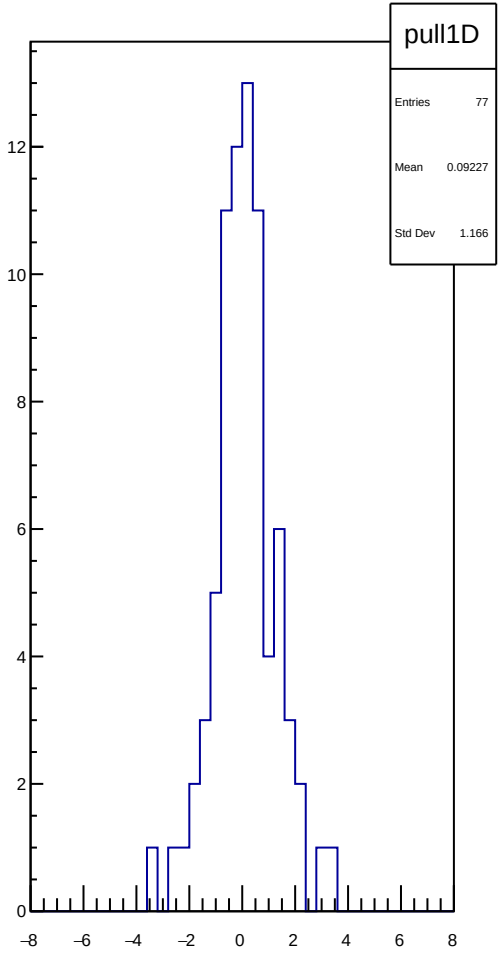

reg_asym_sam_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 289.9 / 76
p0 3.046 ± 0.1835
pull
Entries 77
Mean −42.38
Std Dev 73.98
pull1D
Entries 77
Mean −0.2573
Std Dev 1.923

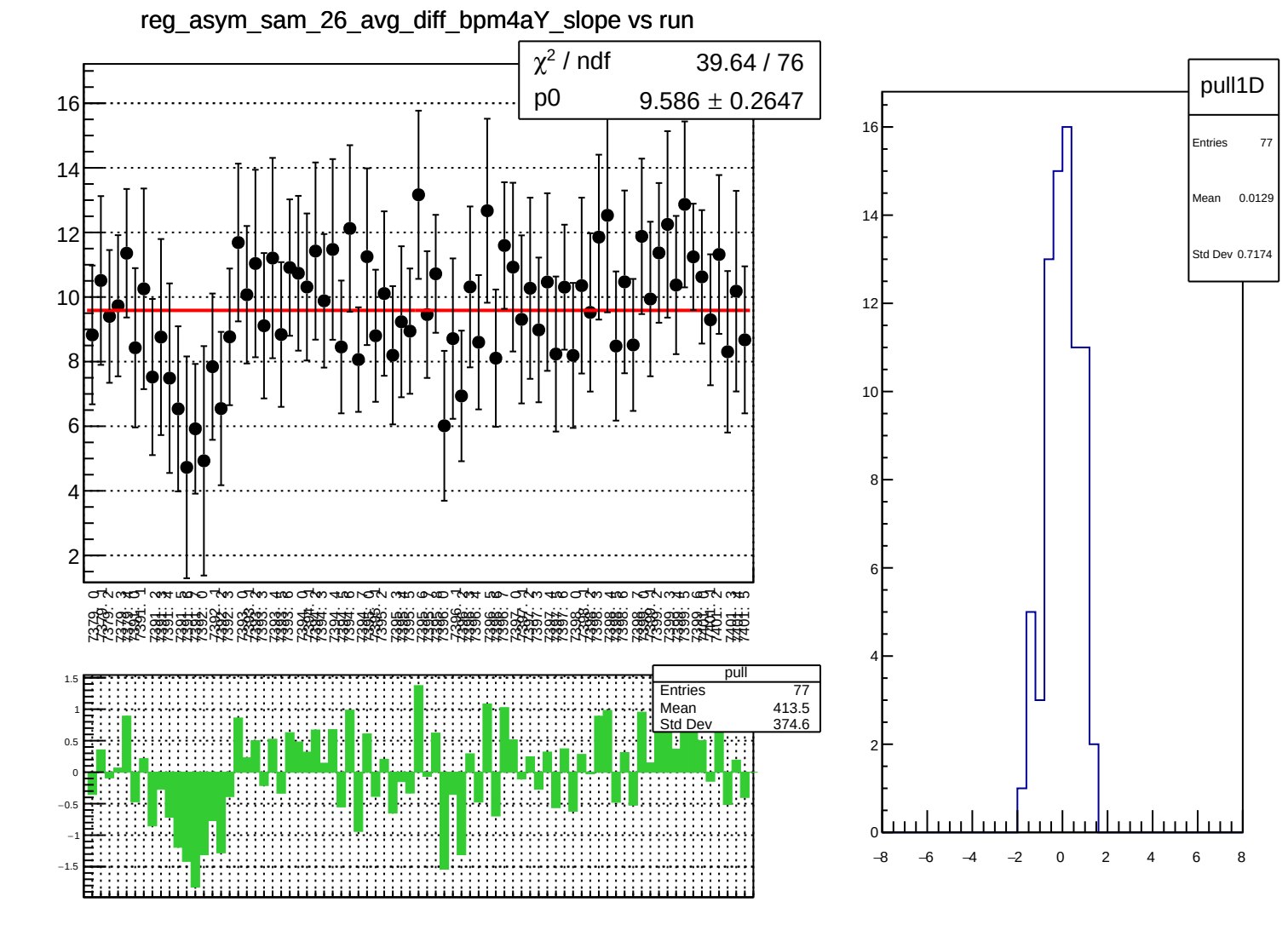

reg_asym_sam_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 69.71 / 76
p0 17.78 ± 0.1986
pull
Entries 77
Mean 25.53
Std Dev 21.34

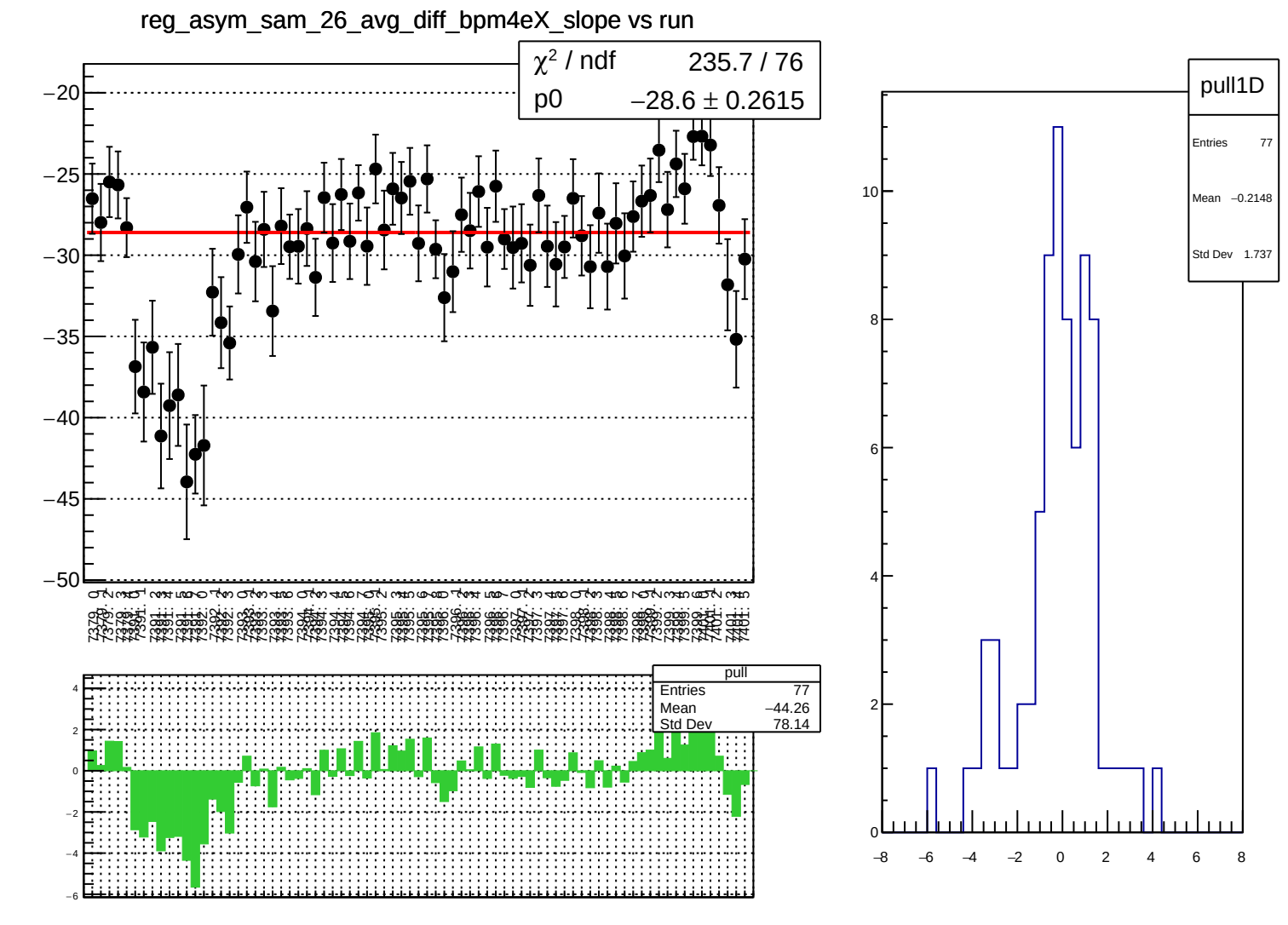

pull1D
Entries 77
Mean 0.03176
Std Dev 0.951

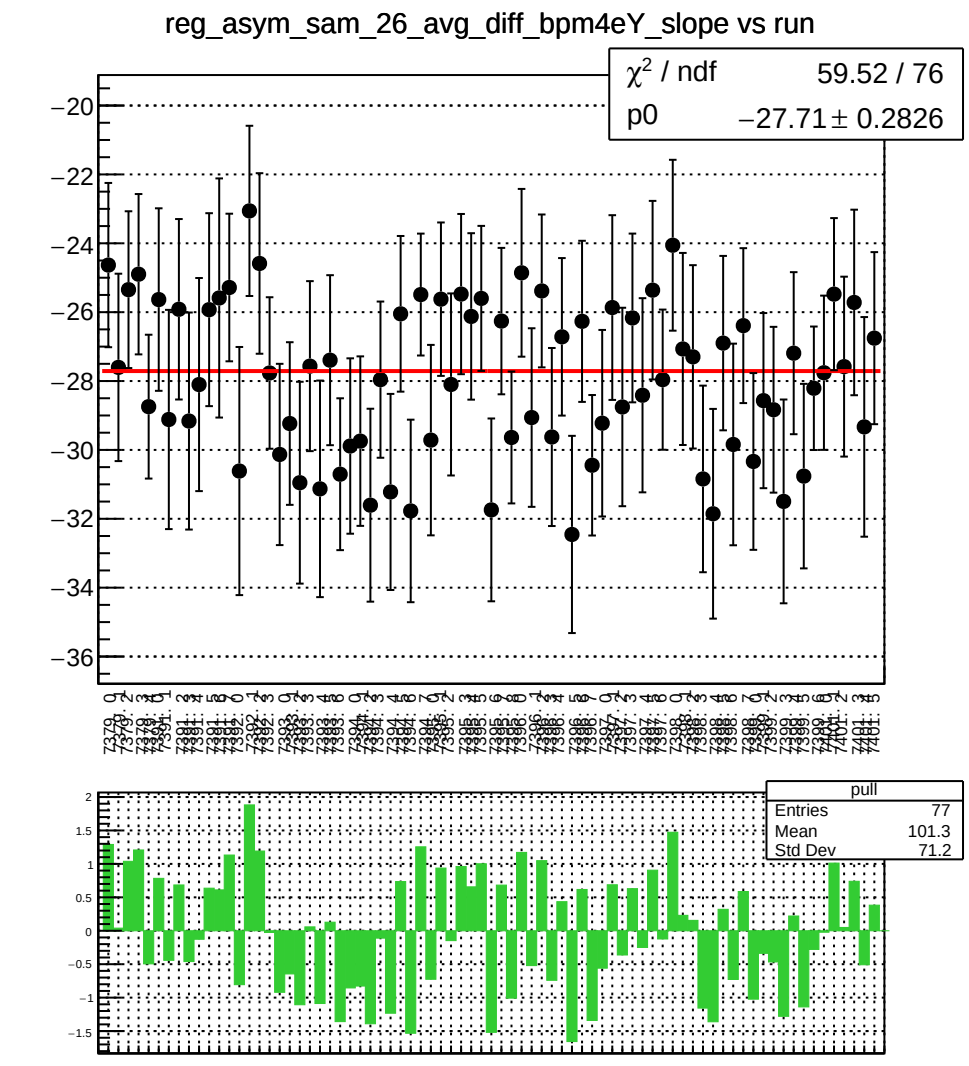

reg_asym_sam_37_dd_diff_bpm12X_slope vs run
χ² / ndf 27.83 / 76
p0 −0.02372 ± 0.009029
pull
Entries 77
Mean −551
Std Dev 587.8
pull1D
Entries 77
Mean 0.01111
Std Dev 0.6011

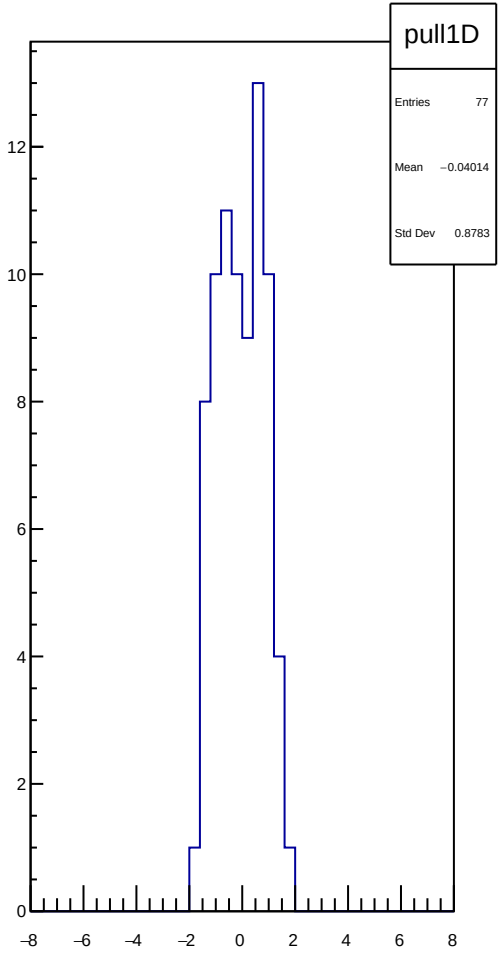

reg_asym_sam_26_avg_diff_bpm1X_slope vs run
χ² / ndf 105.4 / 76
p0 −13.78 ± 0.252
pull
Entries 77
Mean −120.9
Std Dev 160.3

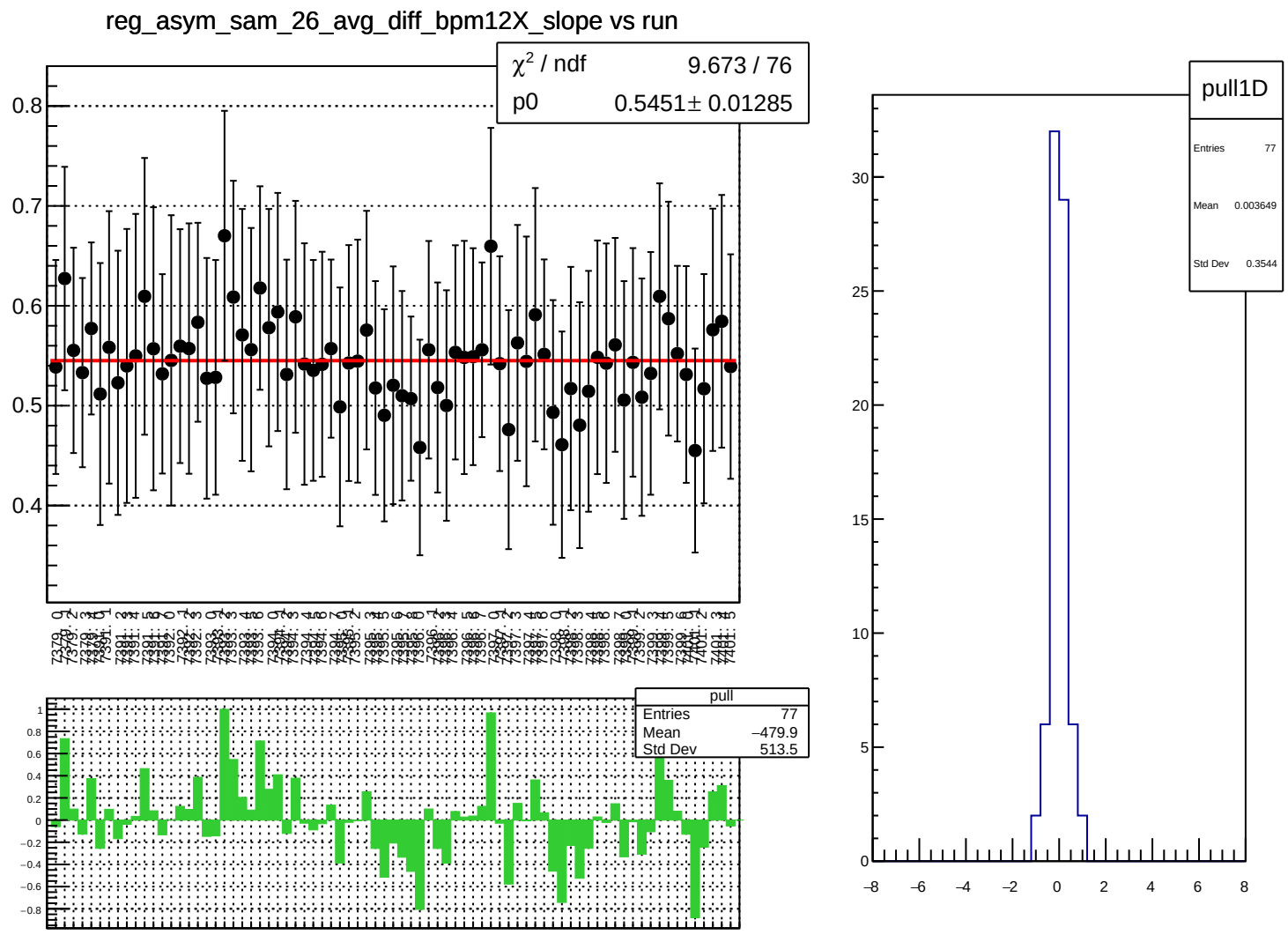

pull1D
Entries 77
Mean 0.09227
Std Dev 1.166

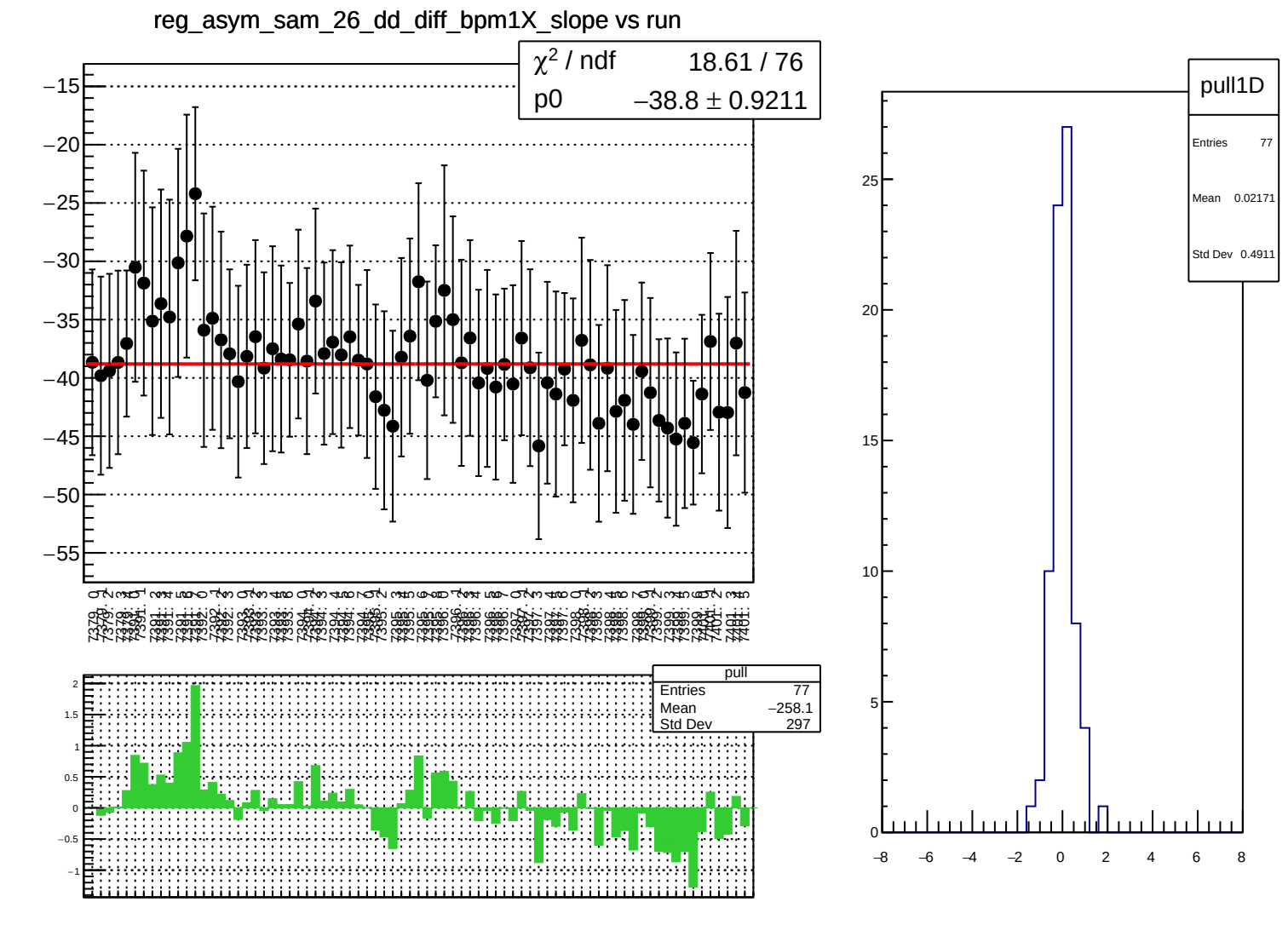

reg_asym_sam_26_avg_diff_bpm4aY_slope vs run
χ² / ndf 39.64 / 76
p0 9.586 ± 0.2647
pull
Entries 77
Mean 413.5
Std Dev 374.6
pull1D
Entries 77
Mean 0.0129
Std Dev 0.7174

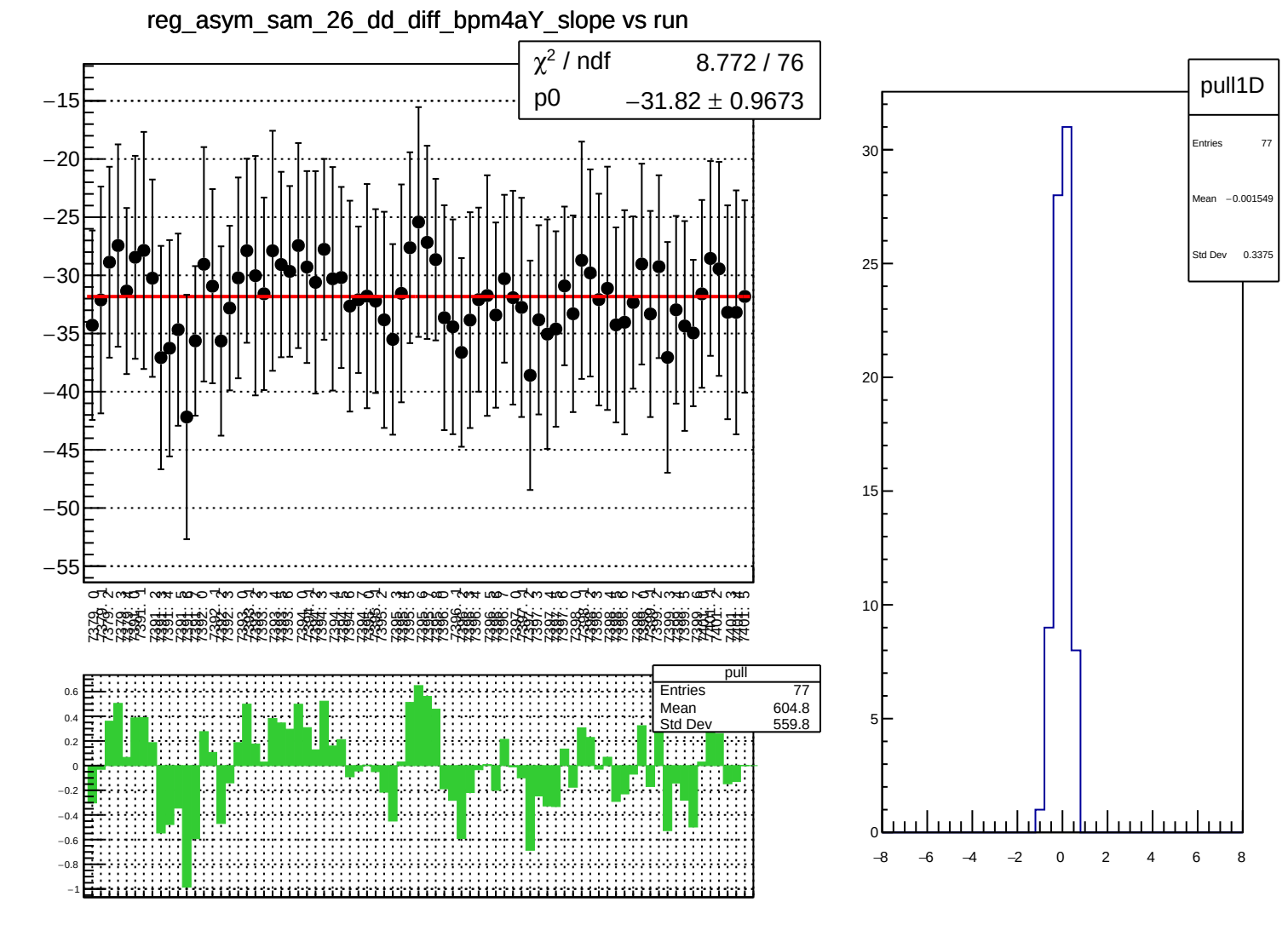

reg_asym_sam_26_avg_diff_bpm4eX_slope vs run
χ² / ndf 235.7 / 76
p0 −28.6 ± 0.2615
pull
Entries 77
Mean −44.26
Std Dev 78.14
pull1D
Entries 77
Mean −0.2148
Std Dev 1.737

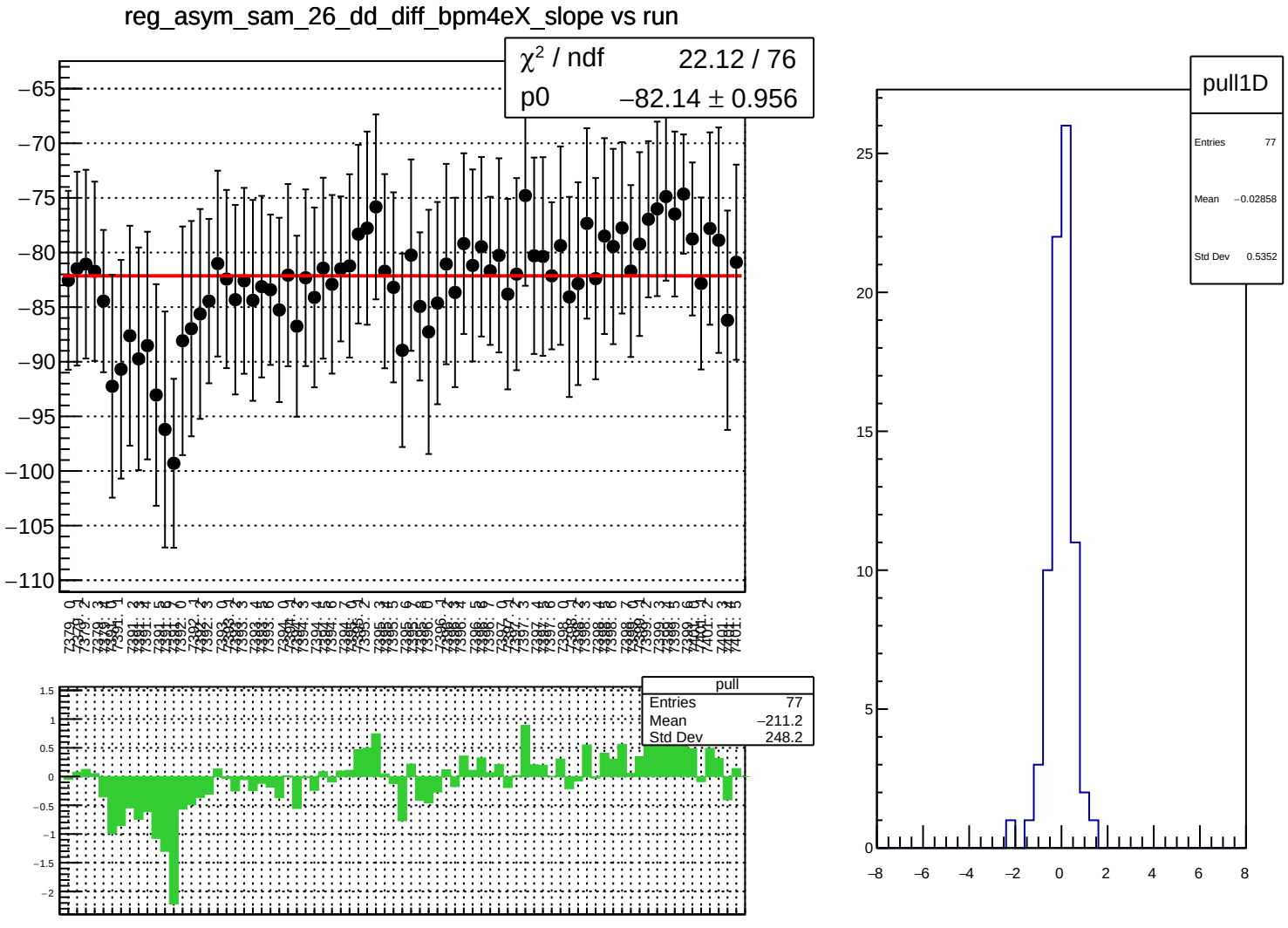

reg_asym_sam_26_avg_diff_bpm4eY_slope vs run
χ² / ndf 59.52 / 76
p0 −27.71 ± 0.2826
pull
Entries 77
Mean 101.3
Std Dev 71.2

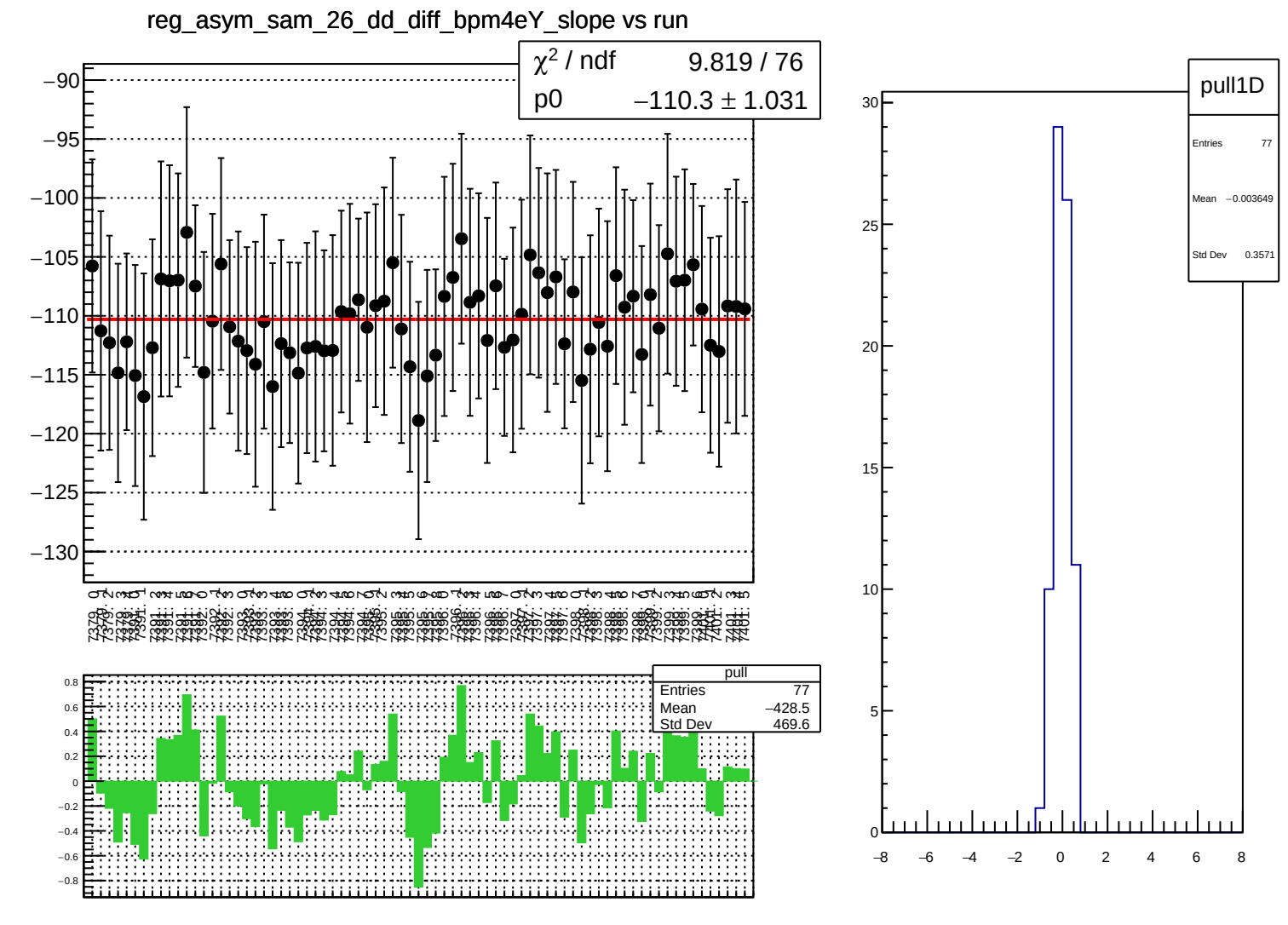

pull1D
Entries 77
Mean −0.04014
Std Dev 0.8783

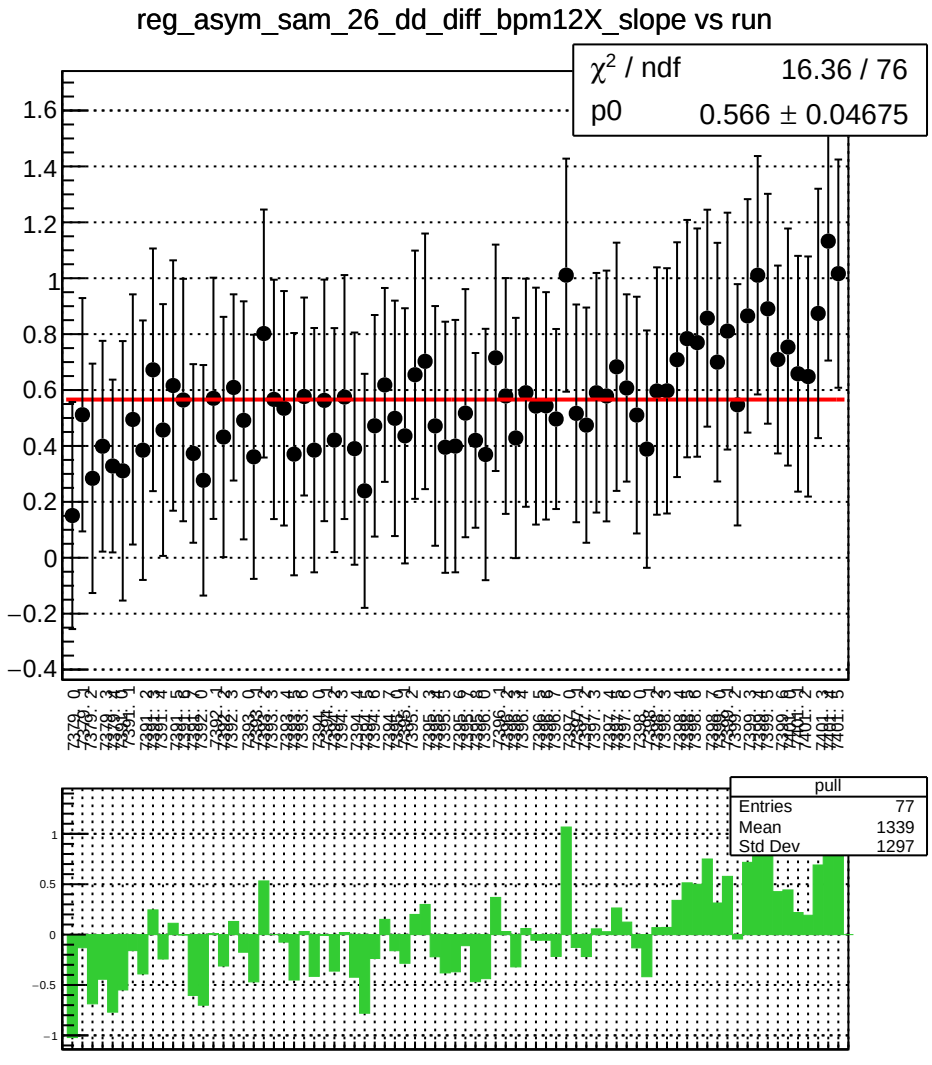

reg_asym_sam_26_avg_diff_bpm12X_slope vs run
χ² / ndf 9.673 / 76
p0 0.5451± 0.01285
pull
Entries 77
Mean −479.9
Std Dev 513.5
pull1D
Entries 77
Mean 0.003649
Std Dev 0.3544

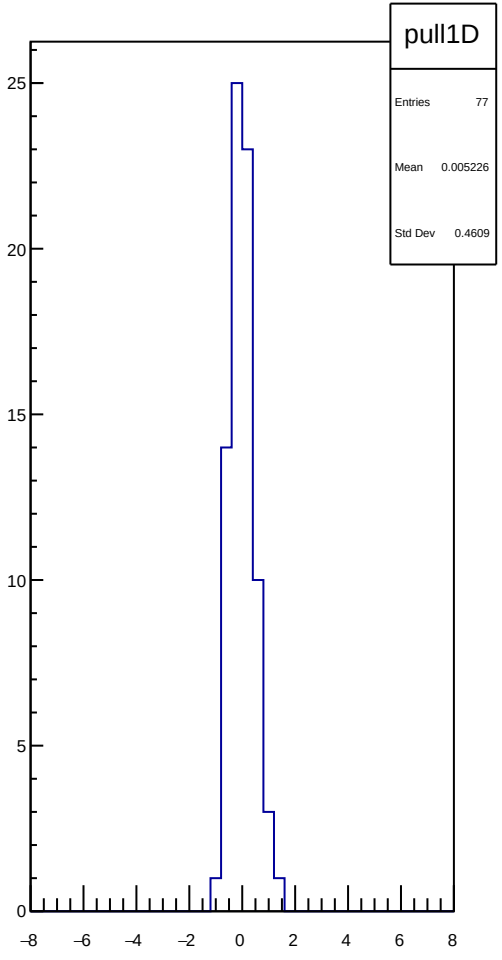

reg_asym_sam_26_dd_diff_bpm1X_slope vs run
χ² / ndf 18.61 / 76
p0 −38.8 ± 0.9211
pull
Entries 77
Mean −258.1
Std Dev 297
pull1D
Entries 77
Mean 0.02171
Std Dev 0.4911

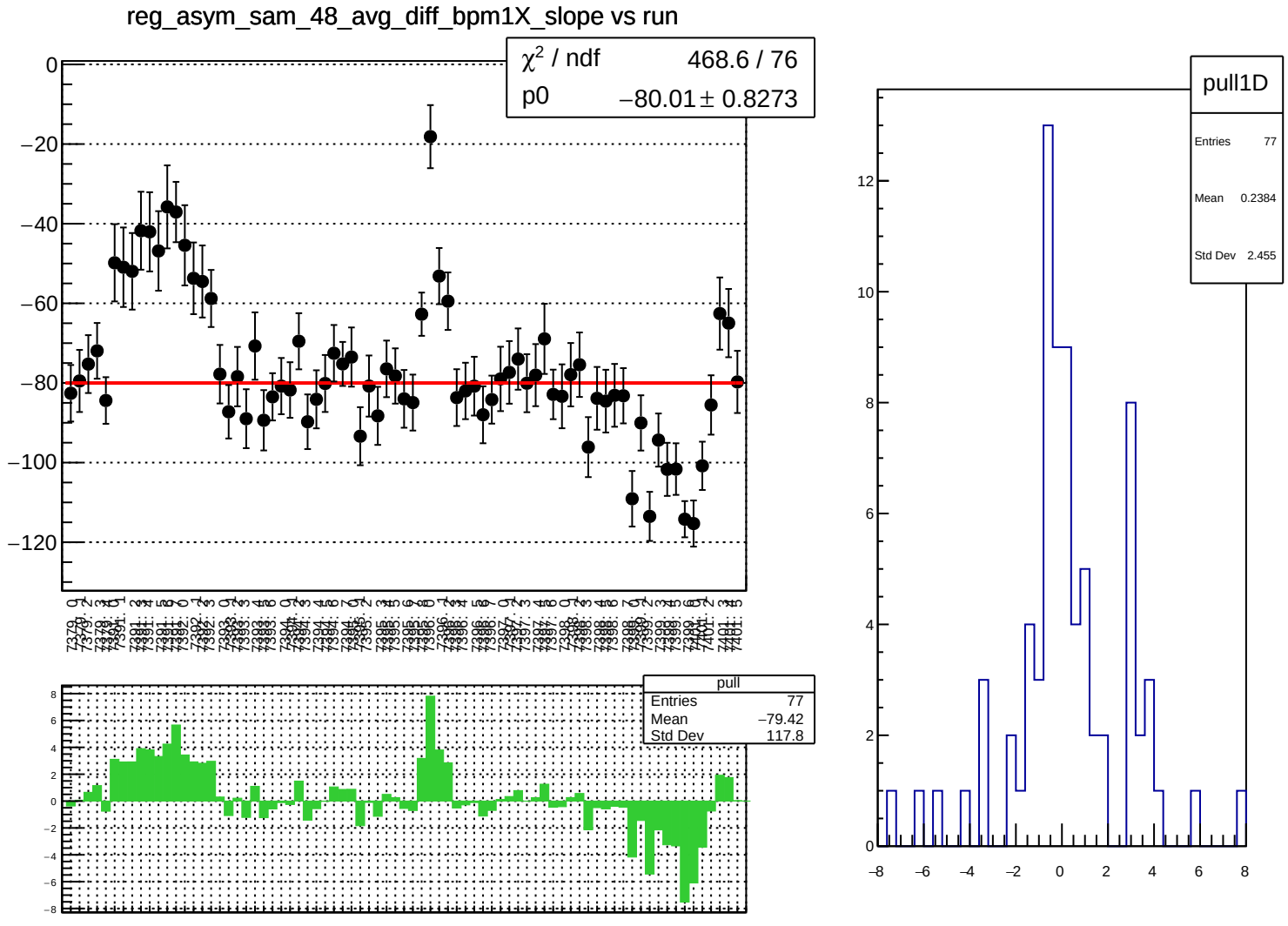

reg_asym_sam_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 8.772 / 76
p0 −31.82 ± 0.9673
pull
Entries 77
Mean 604.8
Std Dev 559.8
pull1D
Entries 77
Mean −0.001549
Std Dev 0.3375

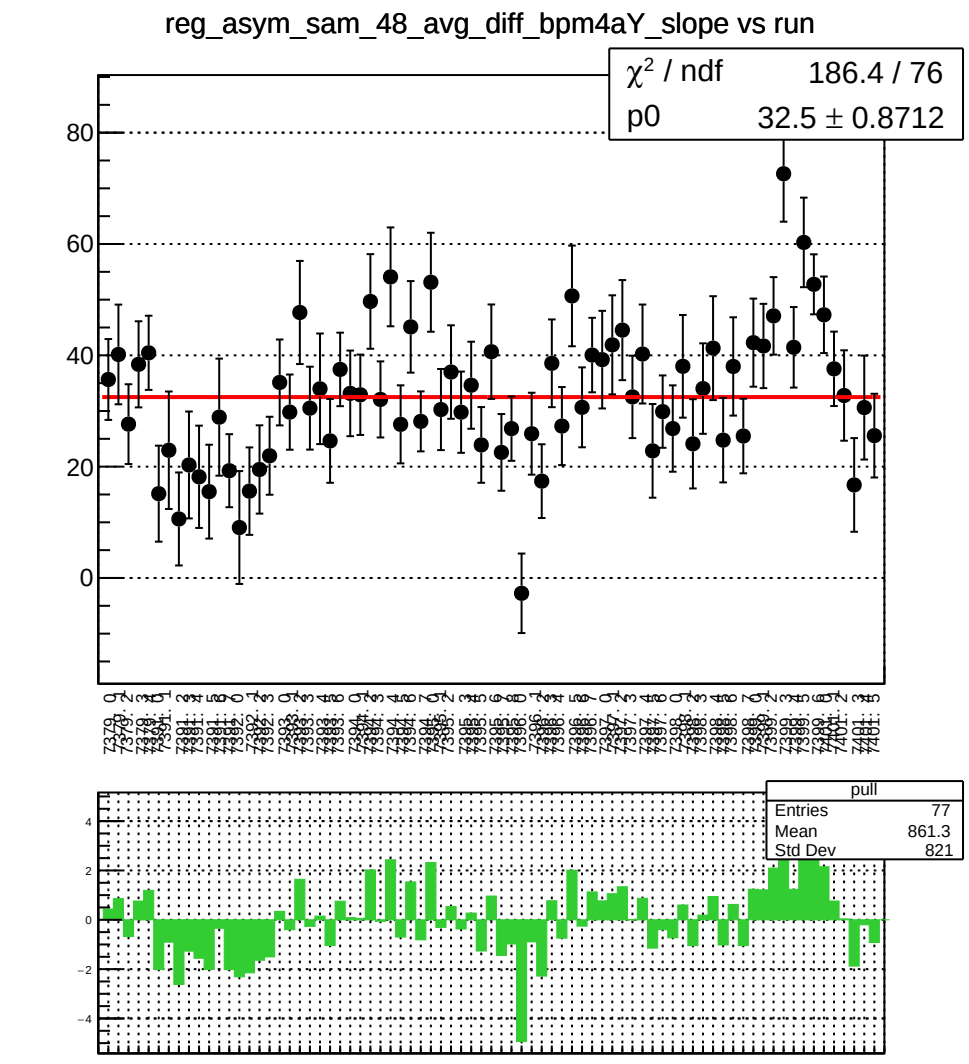

reg_asym_sam_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 22.12 / 76
p0 −82.14 ± 0.956
pull
Entries 77
Mean −211.2
Std Dev 248.2
pull1D
Entries 77
Mean −0.02858
Std Dev 0.5352

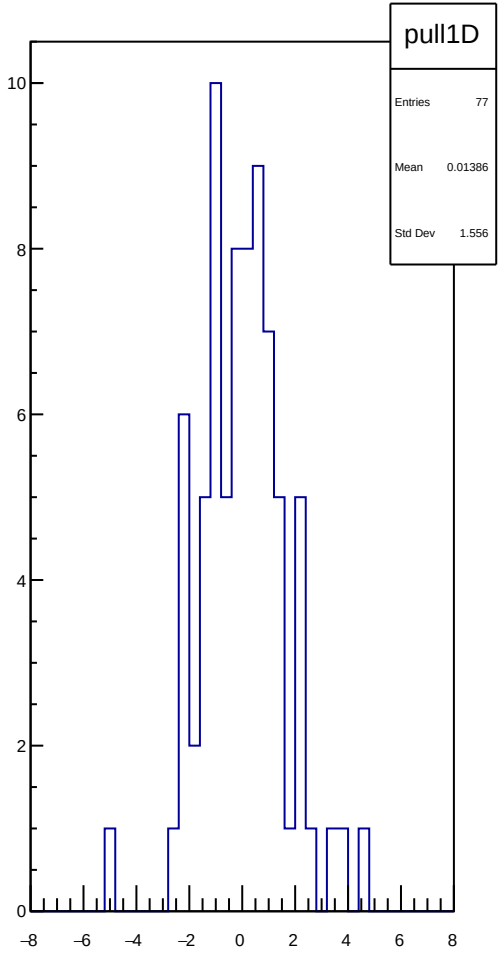

reg_asym_sam_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 9.819 / 76
p0 −110.3 ± 1.031
pull
Entries 77
Mean −428.5
Std Dev 469.6
pull1D
Entries 77
Mean −0.003649
Std Dev 0.3571

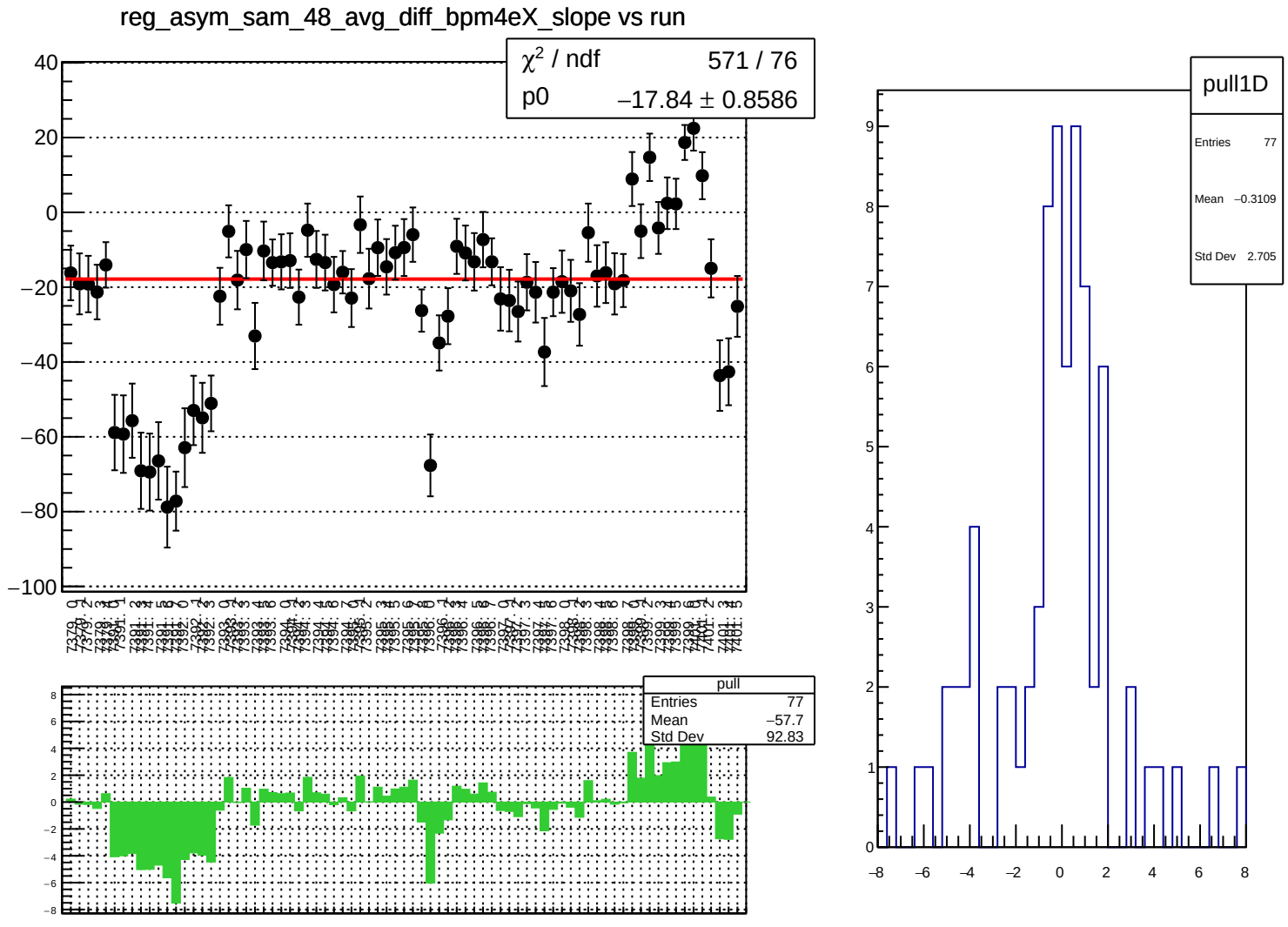

reg_asym_sam_26_dd_diff_bpm12X_slope vs run
χ² / ndf 16.36 / 76
p0 0.566 ± 0.04675
pull
Entries 77
Mean 1339
Std Dev 1297

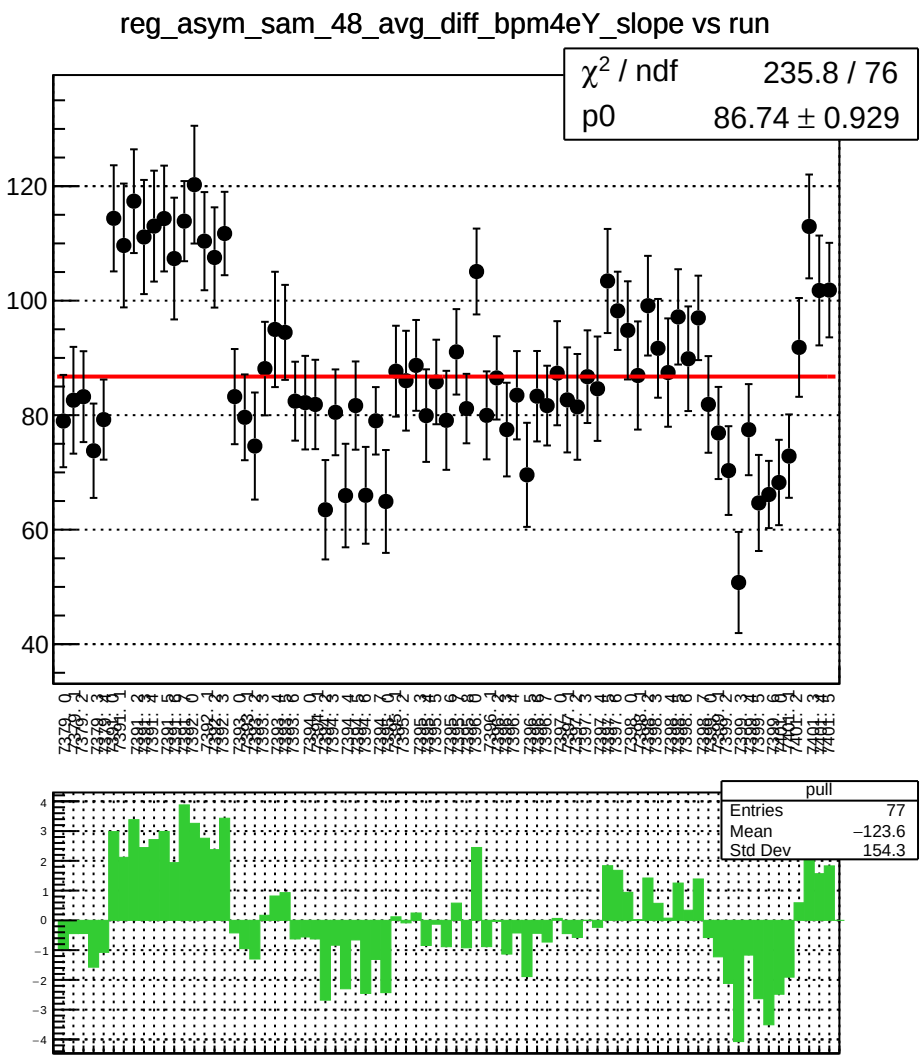

pull1D
Entries 77
Mean 0.005226
Std Dev 0.4609

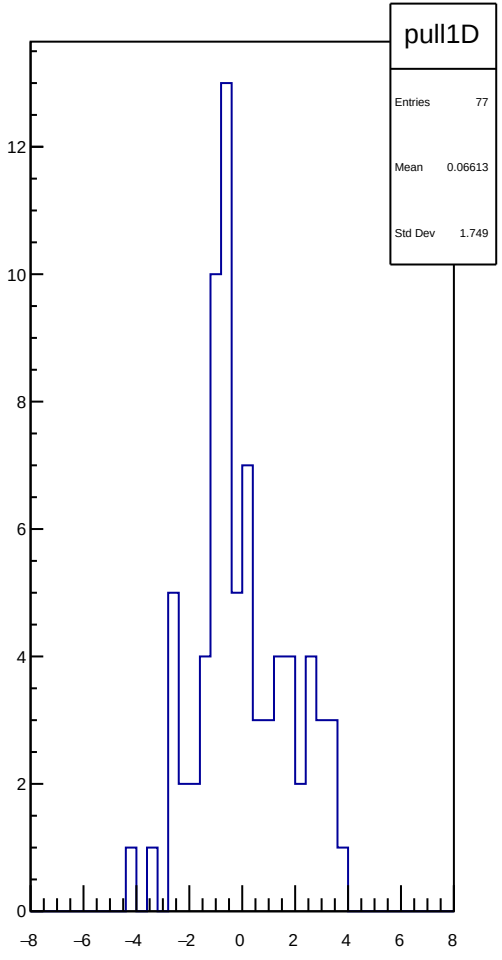

reg_asym_sam_48_avg_diff_bpm1X_slope vs run
χ² / ndf 468.6 / 76
p0 −80.01 ± 0.8273
pull
Entries 77
Mean −79.42
Std Dev 117.8
pull1D
Entries 77
Mean 0.2384
Std Dev 2.455

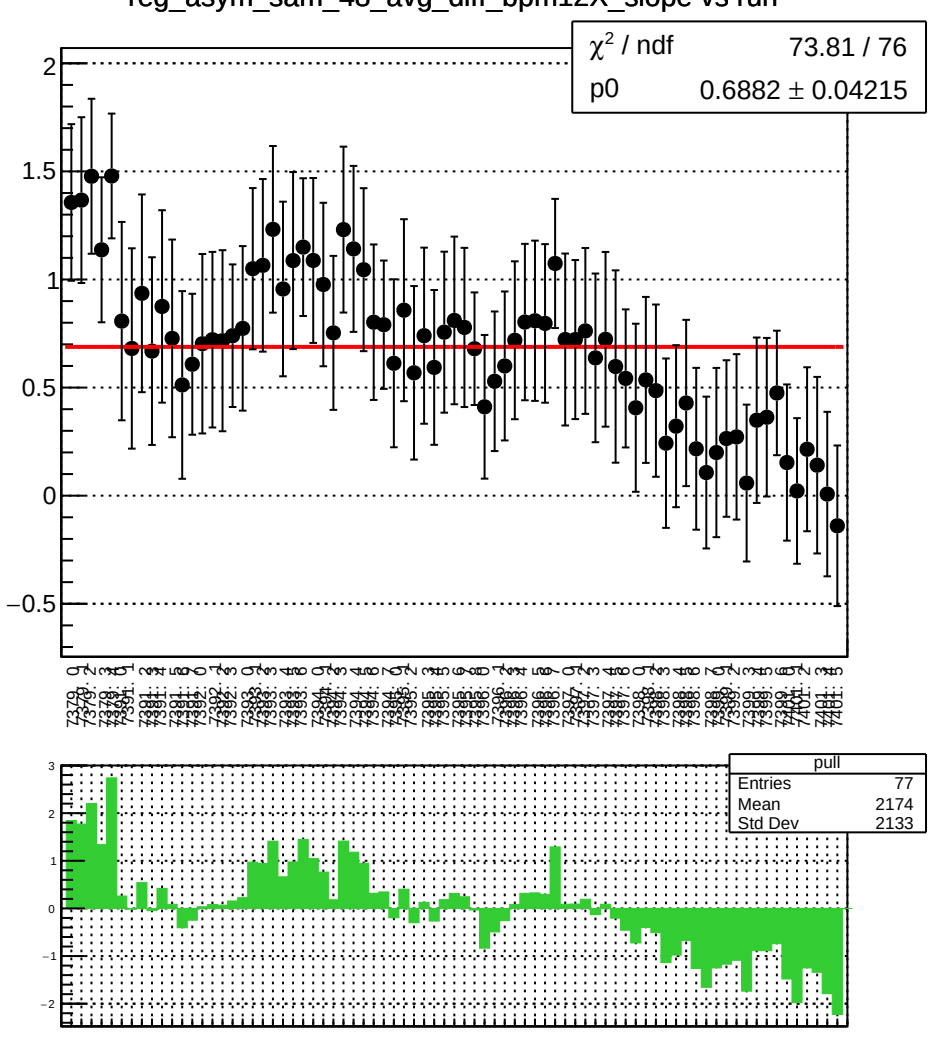

reg_asym_sam_48_avg_diff_bpm4aY_slope vs run
χ² / ndf 186.4 / 76
p0 32.5 ± 0.8712
pull
Entries 77
Mean 861.3
Std Dev 821

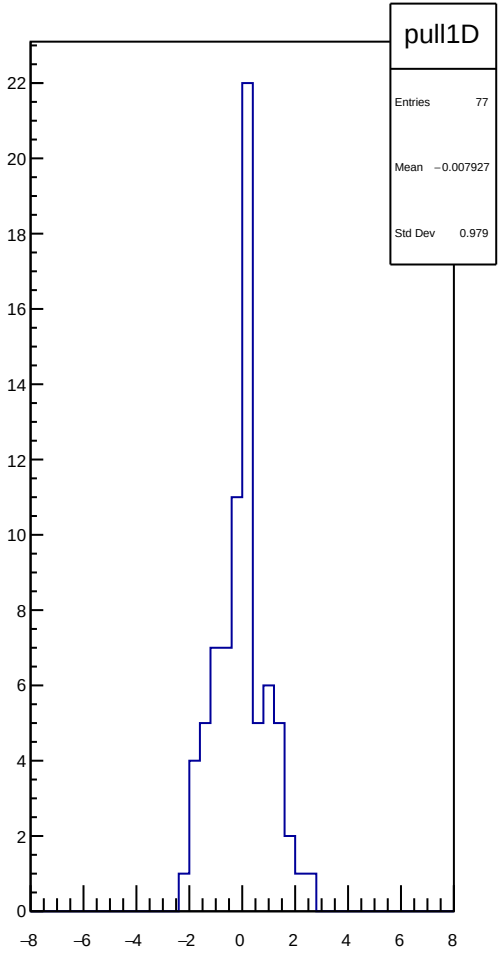

pull1D
Entries 77
Mean 0.01386
Std Dev 1.556

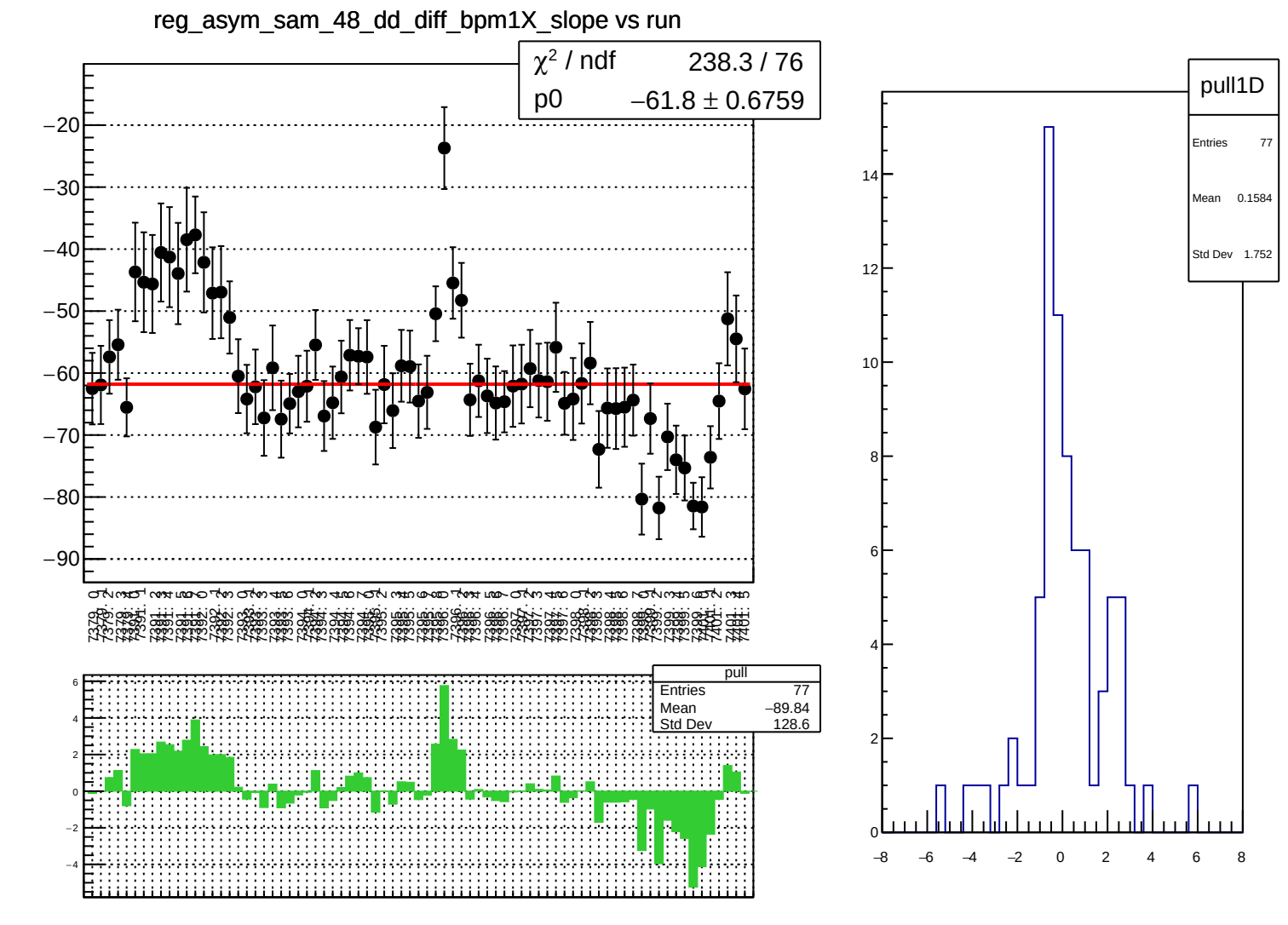

reg_asym_sam_48_avg_diff_bpm4eX_slope vs run
χ² / ndf 571 / 76
p0 −17.84 ± 0.8586
pull
Entries 77
Mean −57.7
Std Dev 92.83
pull1D
Entries 77
Mean −0.3109
Std Dev 2.705

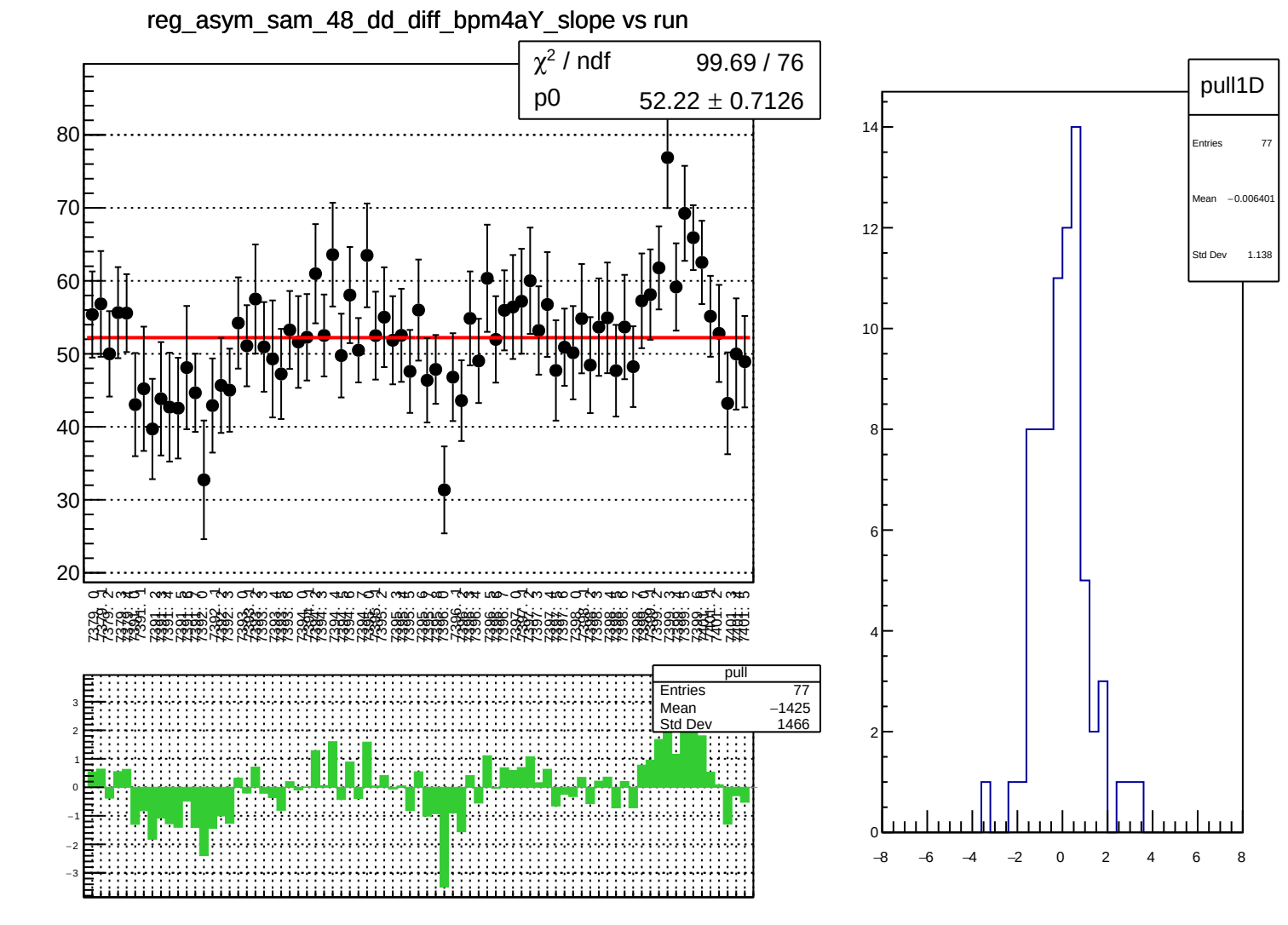

reg_asym_sam_48_avg_diff_bpm4eY_slope vs run
χ² / ndf 235.8 / 76
p0 86.74 ± 0.929
120
100
80
60
40
pull
Entries 77
Mean −123.6
Std Dev 154.3
4
3
2
1
0
−1
−2
−3
−4

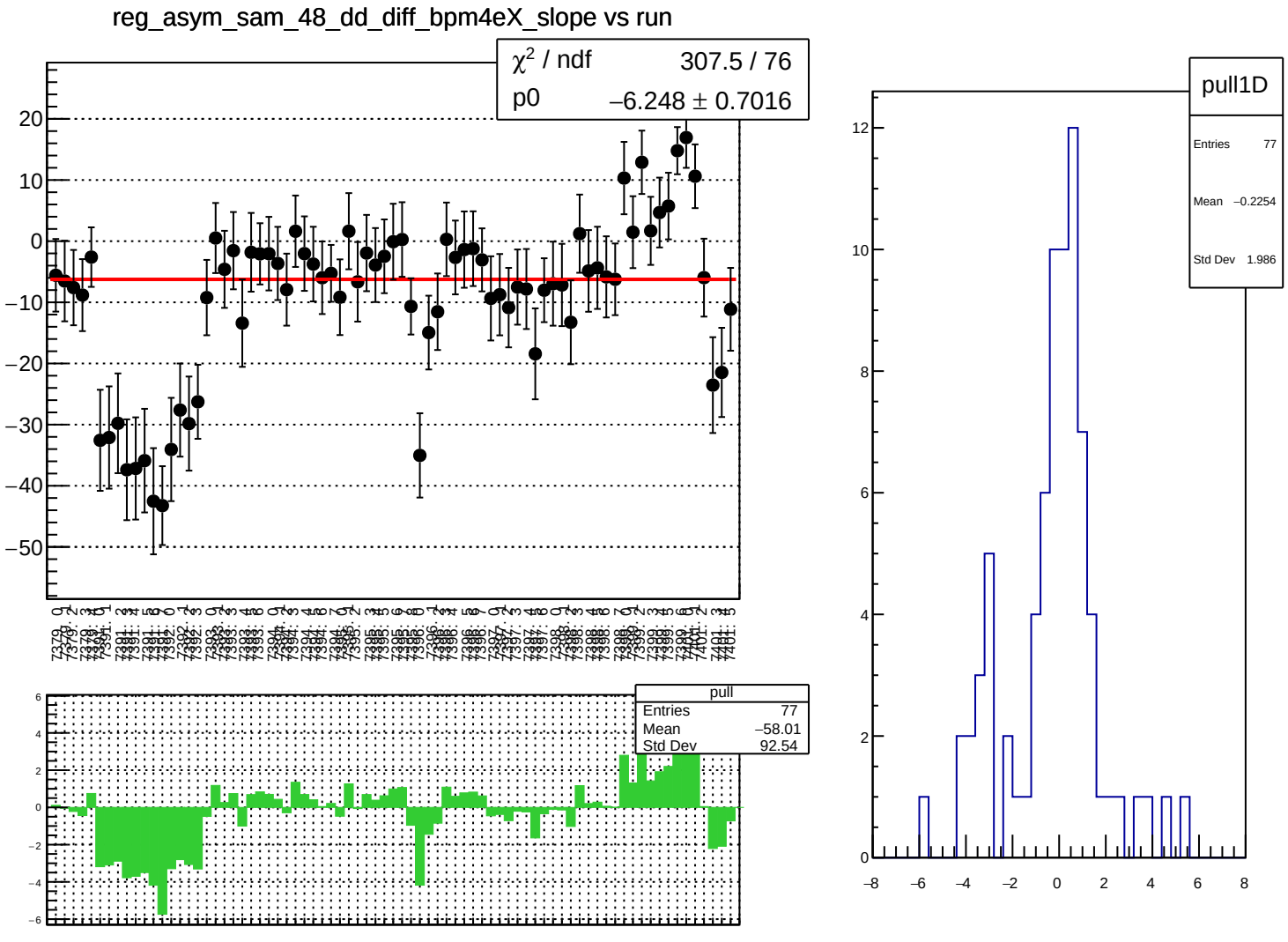

pull1D
Entries 77
Mean 0.06613
Std Dev 1.749
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

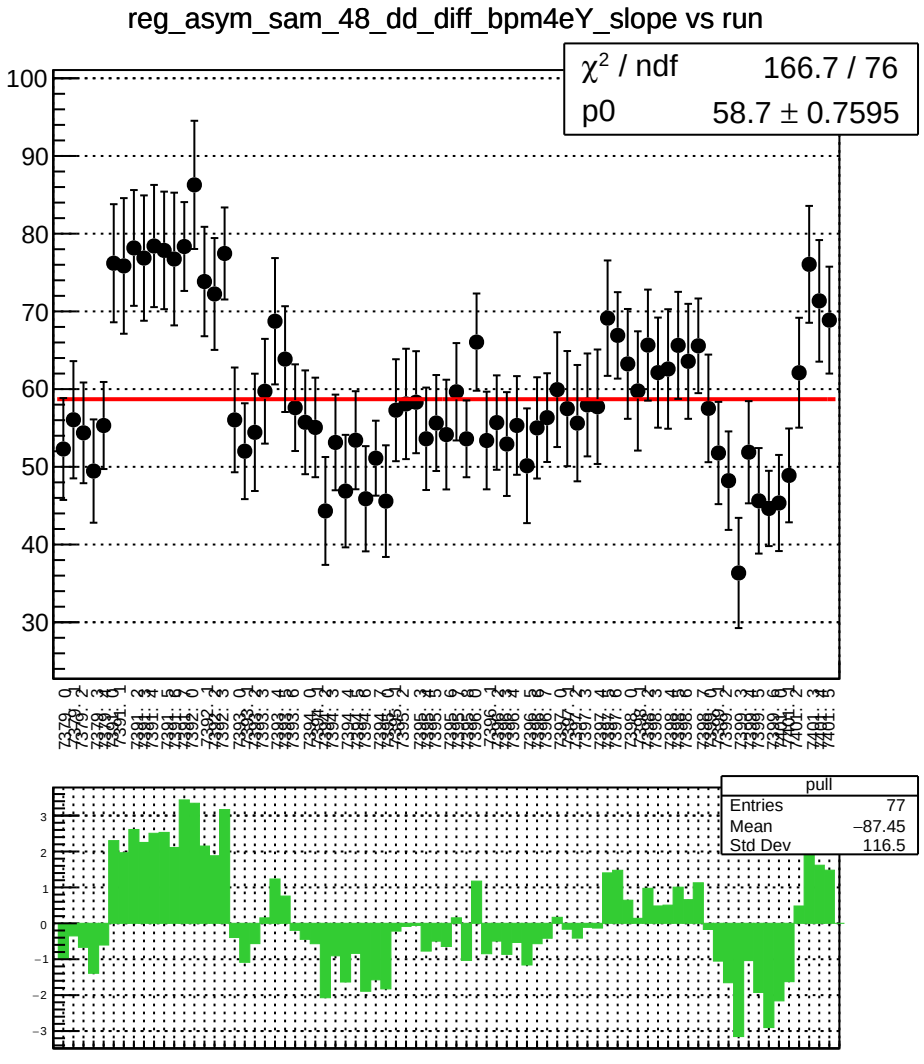

reg_asym_sam_48_avg_diff_bpm12X_slope vs run
χ² / ndf 73.81 / 76
p0 0.6882 ± 0.04215
pull
Entries 77
Mean 2174
Std Dev 2133

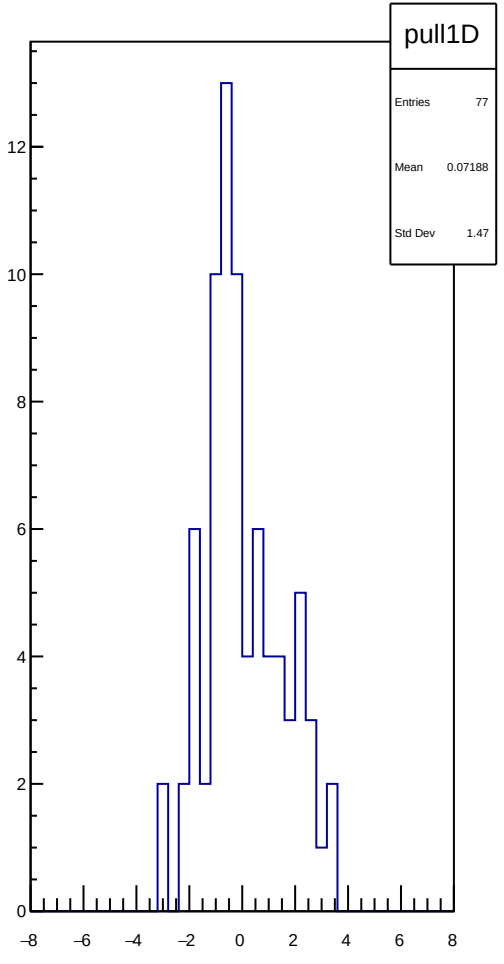

pull1D
Entries 77
Mean −0.007927
Std Dev 0.979

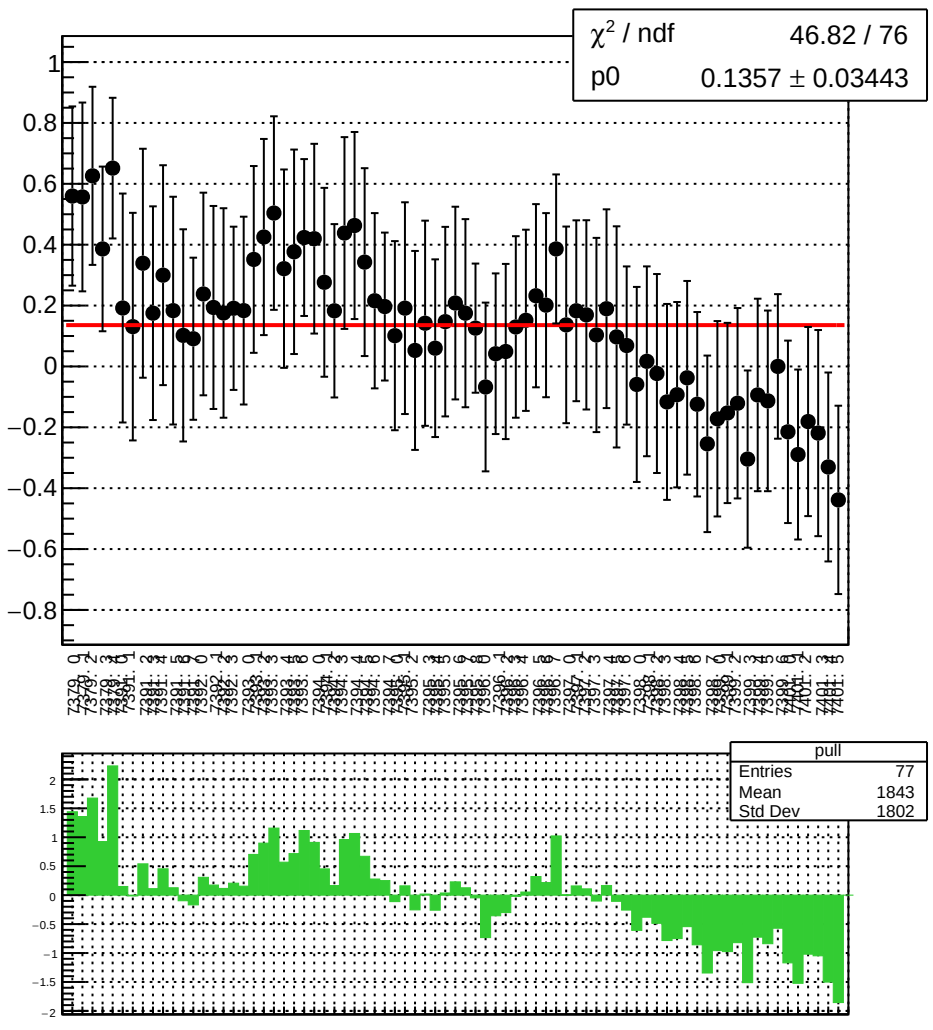

reg_asym_sam_48_dd_diff_bpm1X_slope vs run
χ² / ndf 238.3 / 76
p0 −61.8 ± 0.6759
pull
Entries 77
Mean −89.84
Std Dev 128.6
pull1D
Entries 77
Mean 0.1584
Std Dev 1.752

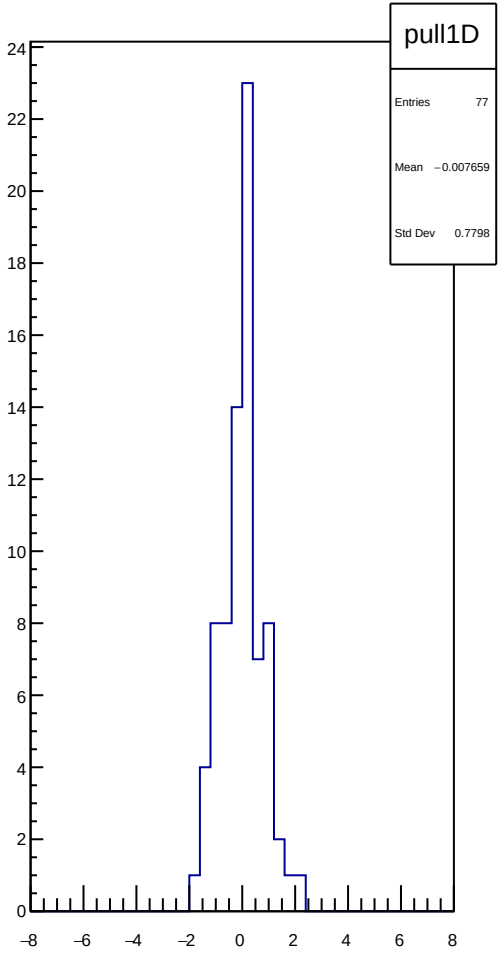

reg_asym_sam_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 99.69 / 76
p0 52.22 ± 0.7126
pull
Entries 77
Mean −1425
Std Dev 1466
pull1D
Entries 77
Mean −0.006401
Std Dev 1.138

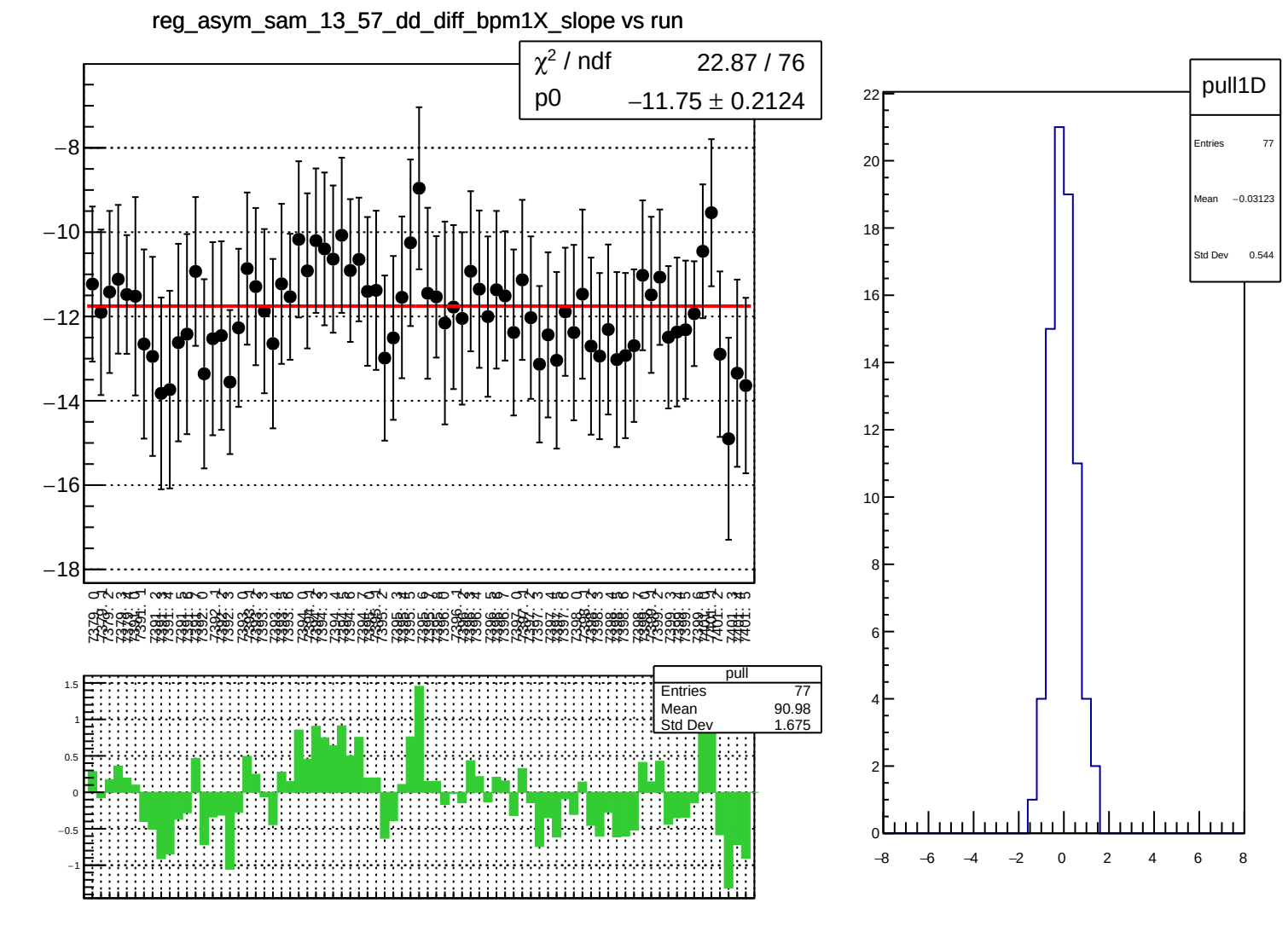

reg_asym_sam_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 307.5 / 76
p0 −6.248 ± 0.7016
pull
Entries 77
Mean −58.01
Std Dev 92.54
pull1D
Entries 77
Mean −0.2254
Std Dev 1.986

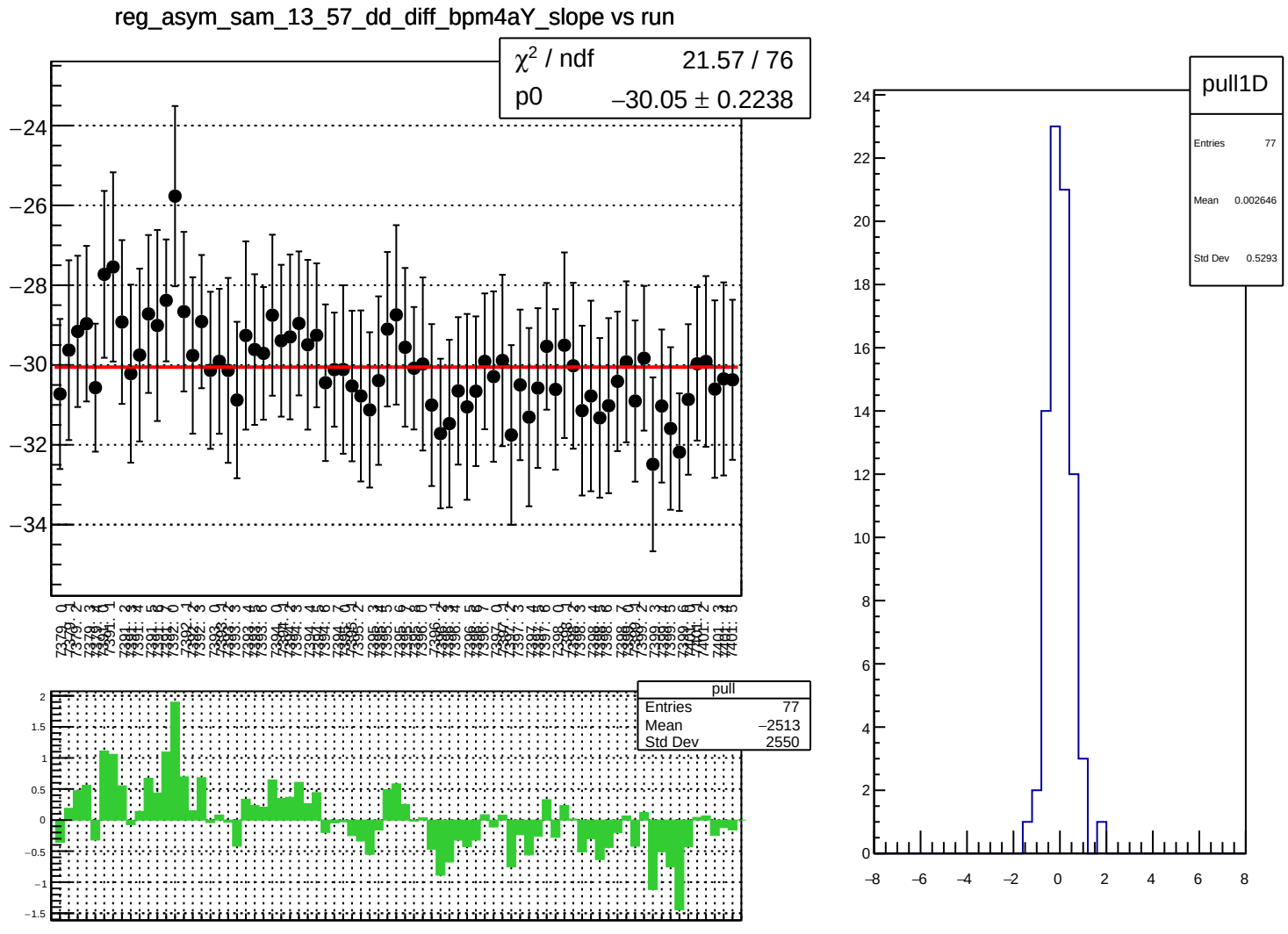

reg_asym_sam_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 166.7 / 76
p0 58.7 ± 0.7595
pull
Entries 77
Mean −87.45
Std Dev 116.5

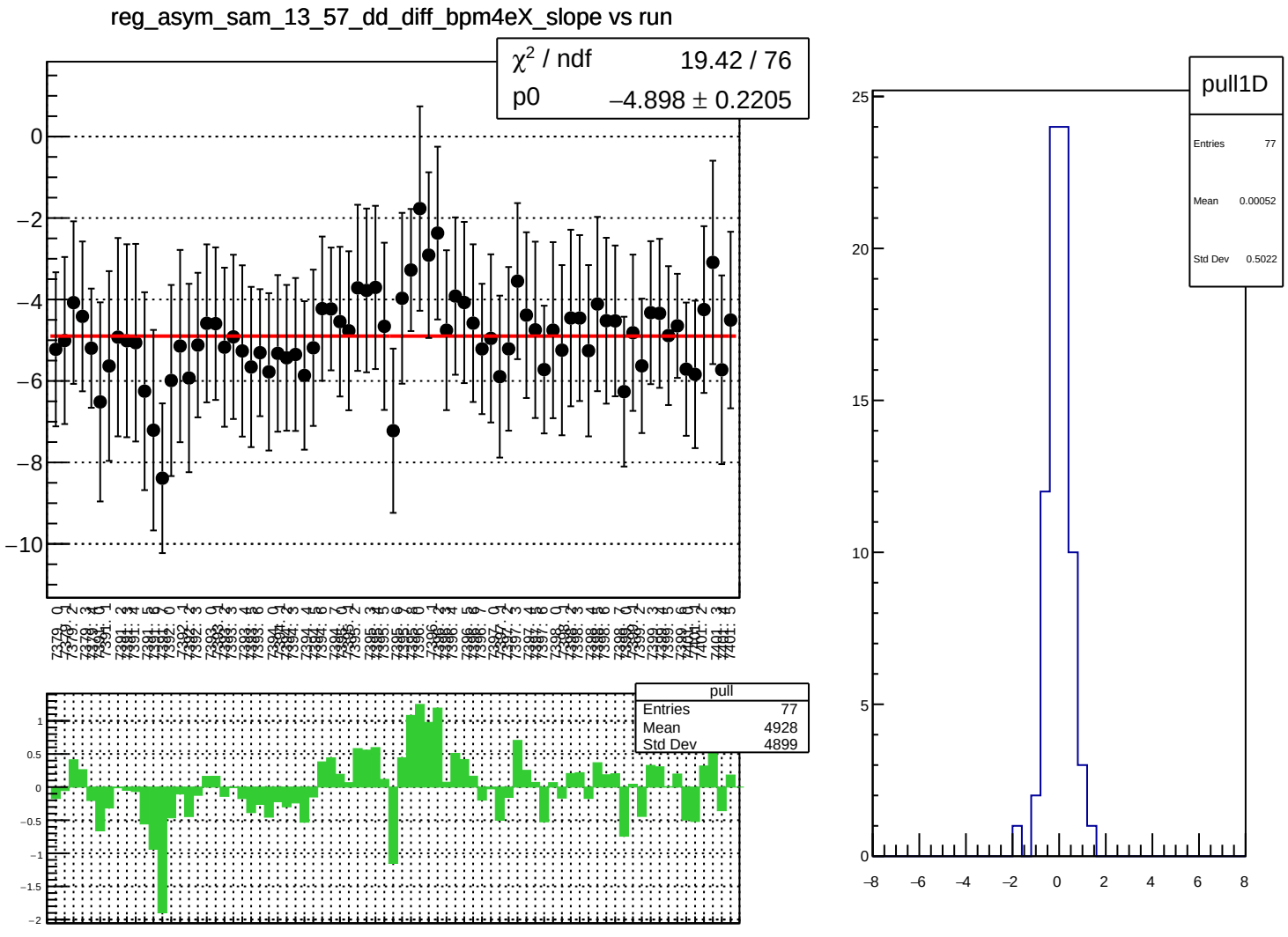

pull1D
Entries 77
Mean 0.07188
Std Dev 1.47

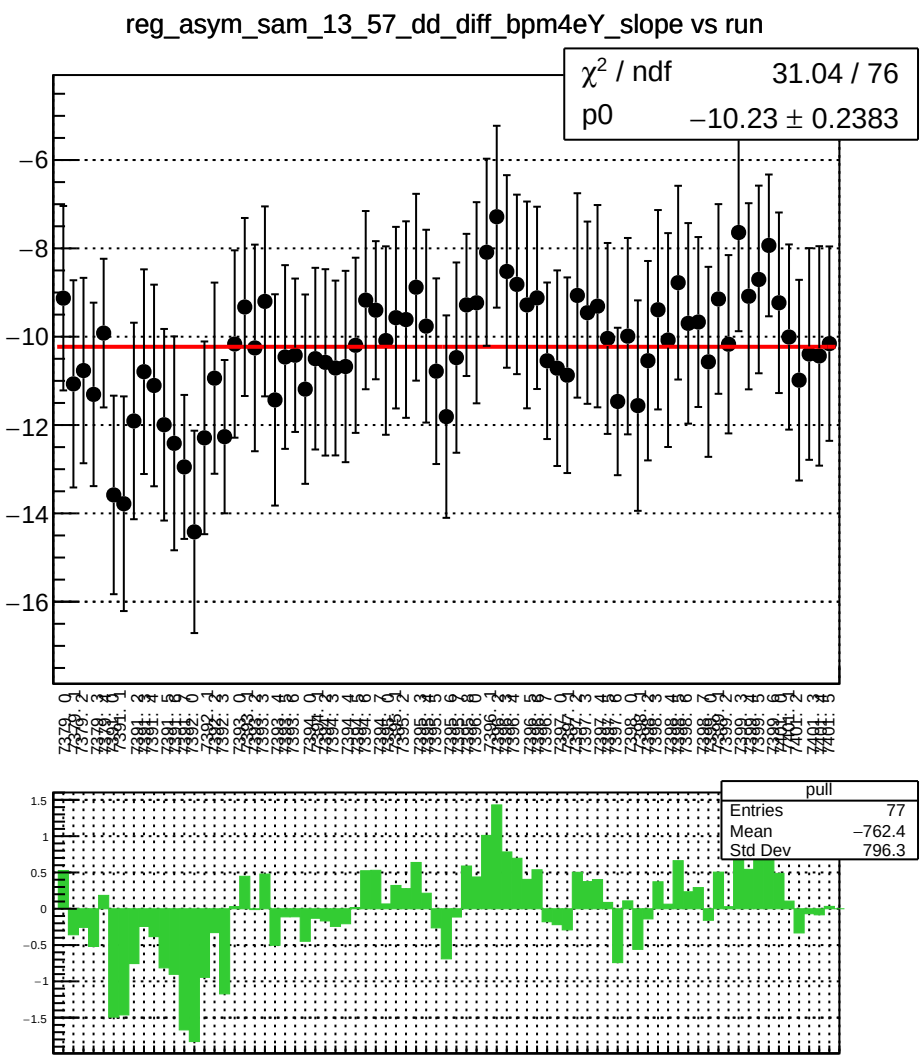

reg_asym_sam_48_dd_diff_bpm12X_slope vs run
χ² / ndf 46.82 / 76
p0 0.1357 ± 0.03443
pull
Entries 77
Mean 1843
Std Dev 1802

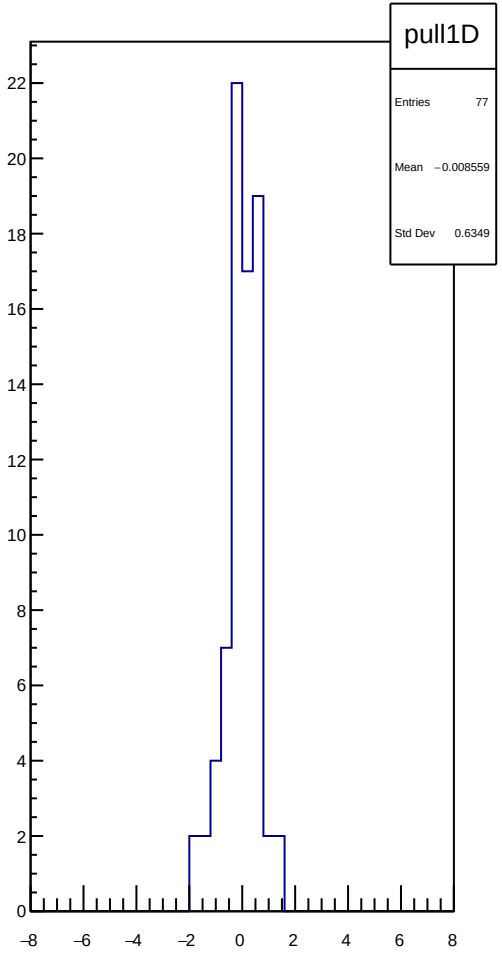

pull1D
Entries 77
Mean −0.007659
Std Dev 0.7798

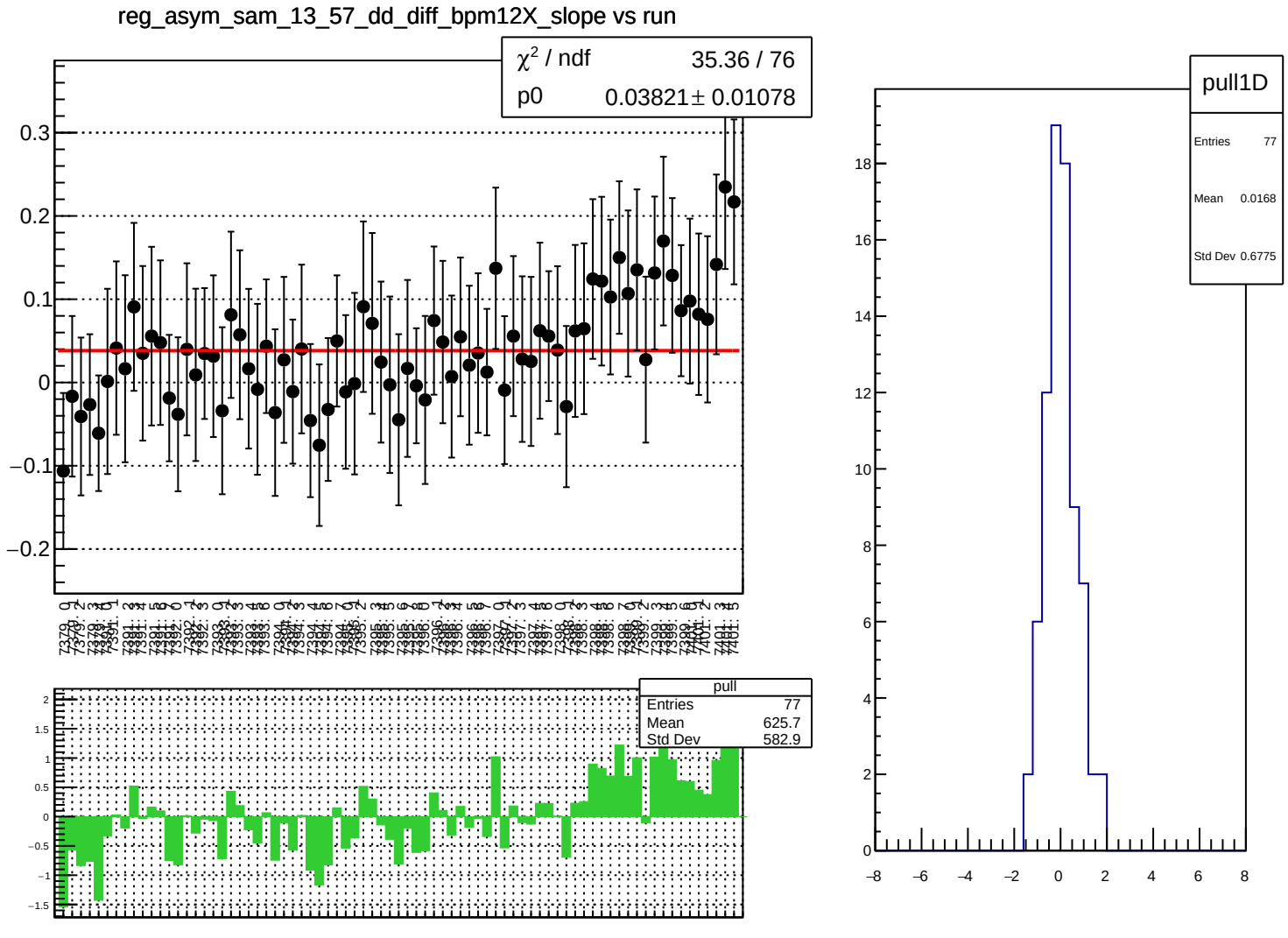

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs run
χ² / ndf 22.87 / 76
p0 −11.75 ± 0.2124
pull
Entries 77
Mean 90.98
Std Dev 1.675
pull1D
Entries 77
Mean −0.03123
Std Dev 0.544

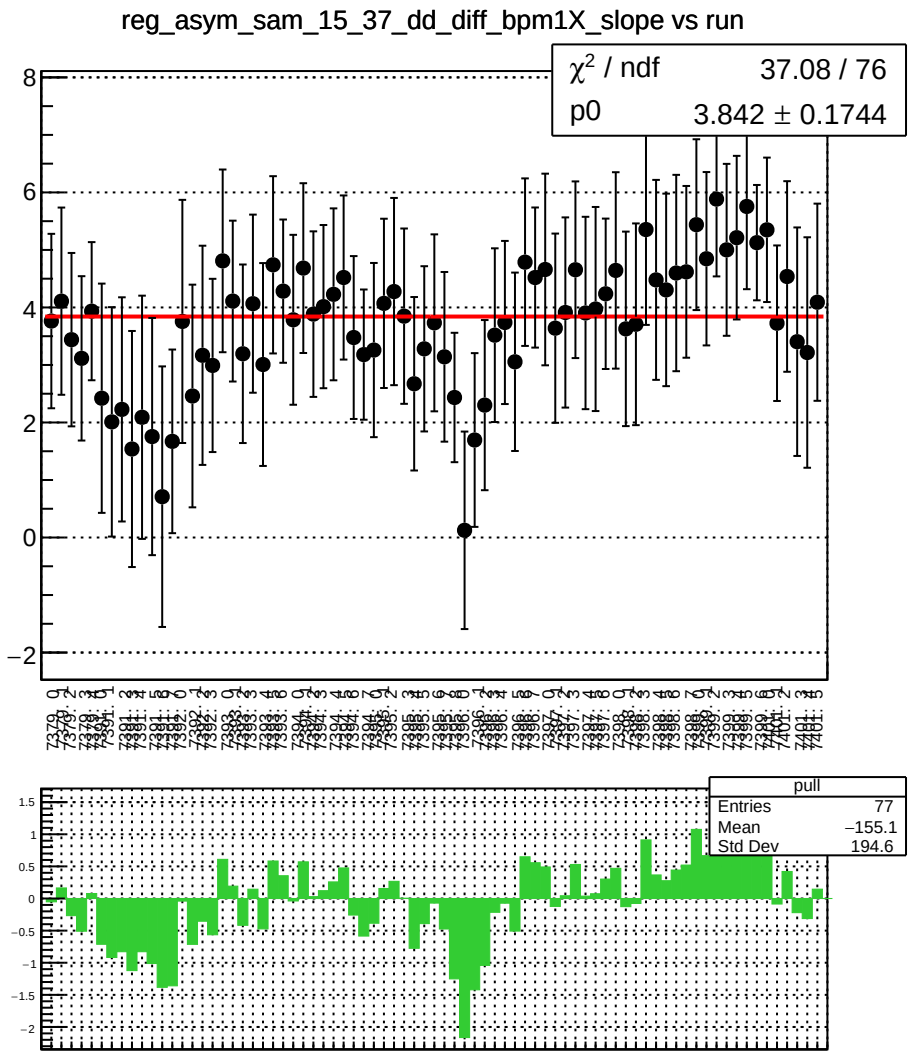

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs run
χ² / ndf 21.57 / 76
p0 −30.05 ± 0.2238
pull
Entries 77
Mean −2513
Std Dev 2550
pull1D
Entries 77
Mean 0.002646
Std Dev 0.5293

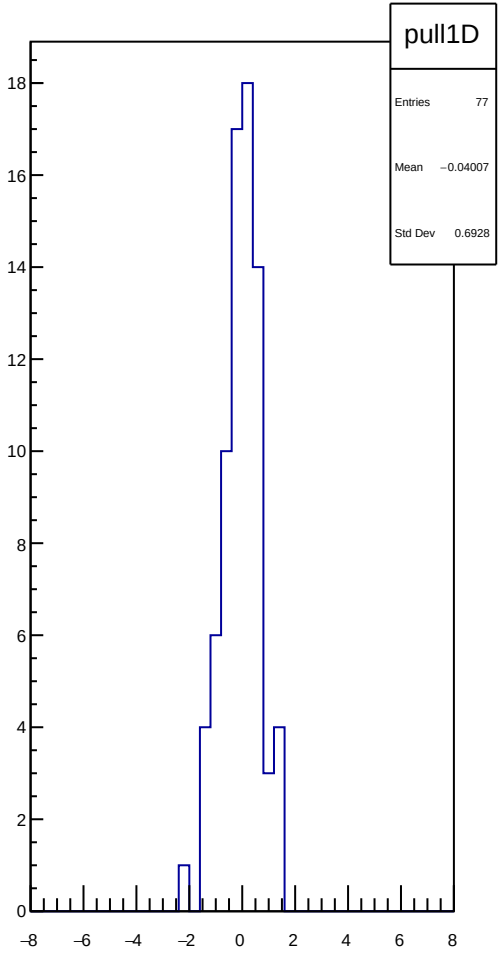

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs run
χ² / ndf 19.42 / 76
p0 −4.898 ± 0.2205
pull
Entries 77
Mean 4928
Std Dev 4899
pull1D
Entries 77
Mean 0.00052
Std Dev 0.5022

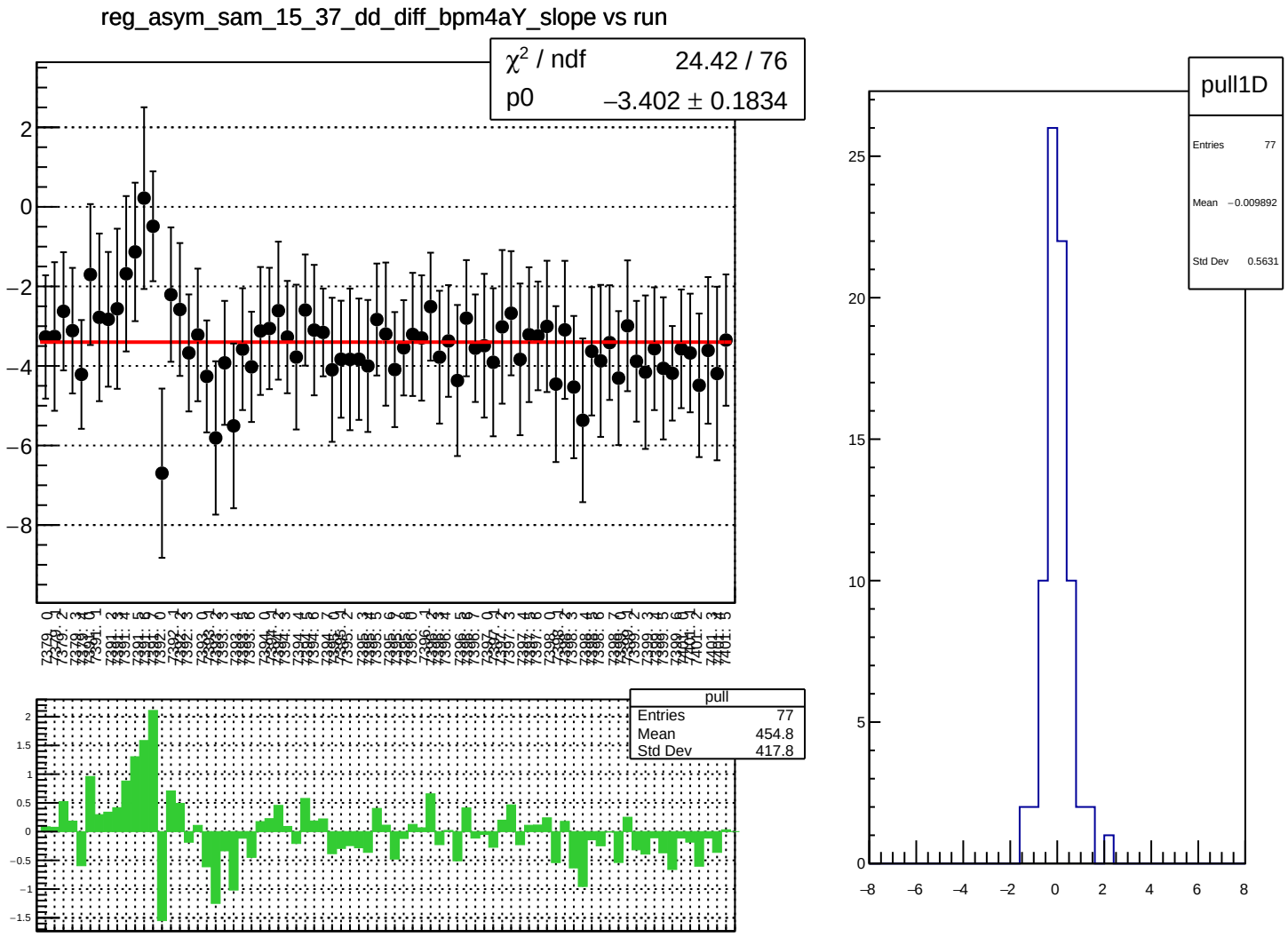

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs run
χ² / ndf 31.04 / 76
p0 −10.23 ± 0.2383
pull
Entries 77
Mean −762.4
Std Dev 796.3

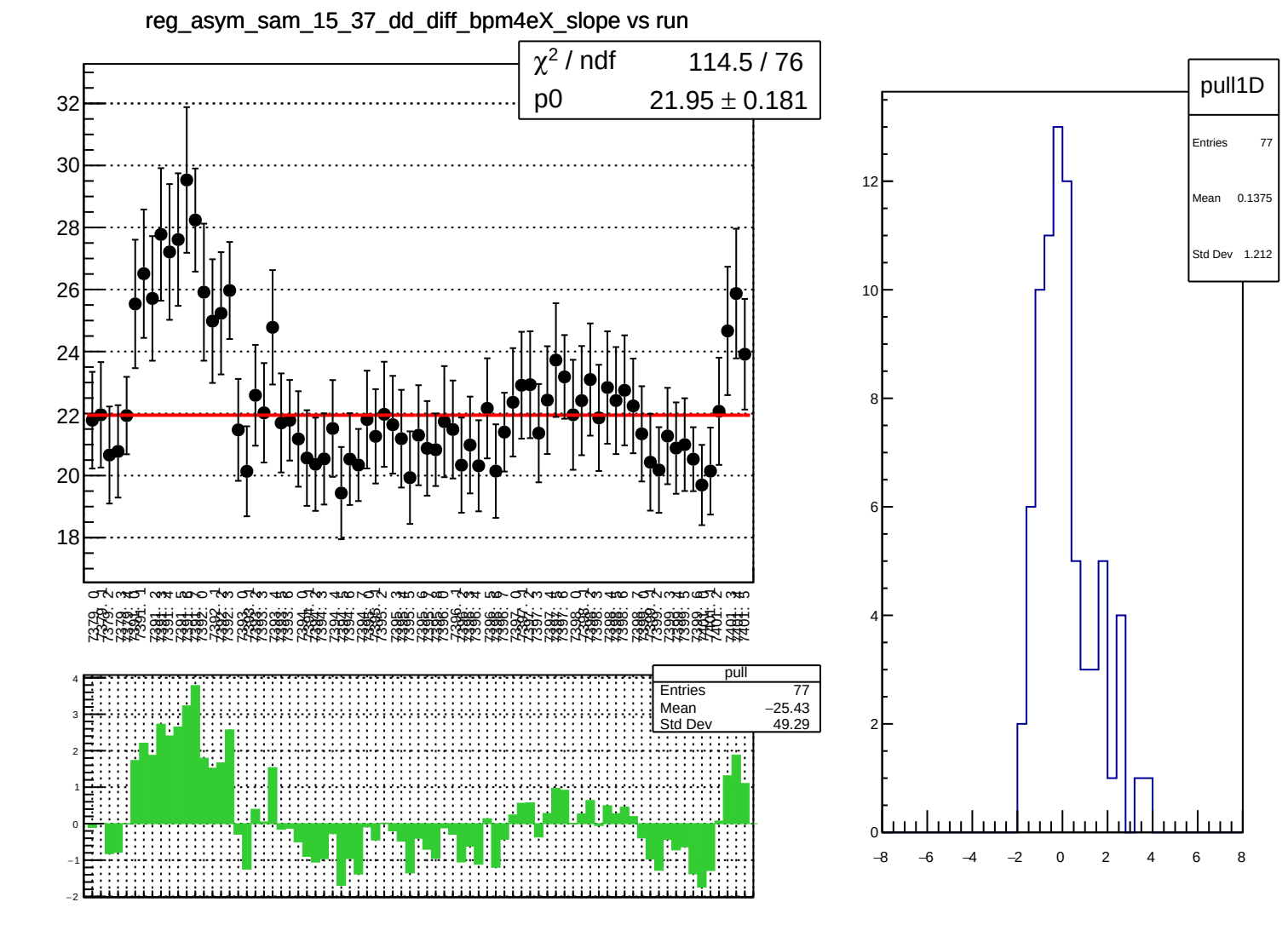

pull1D
Entries 77
Mean −0.008559
Std Dev 0.6349

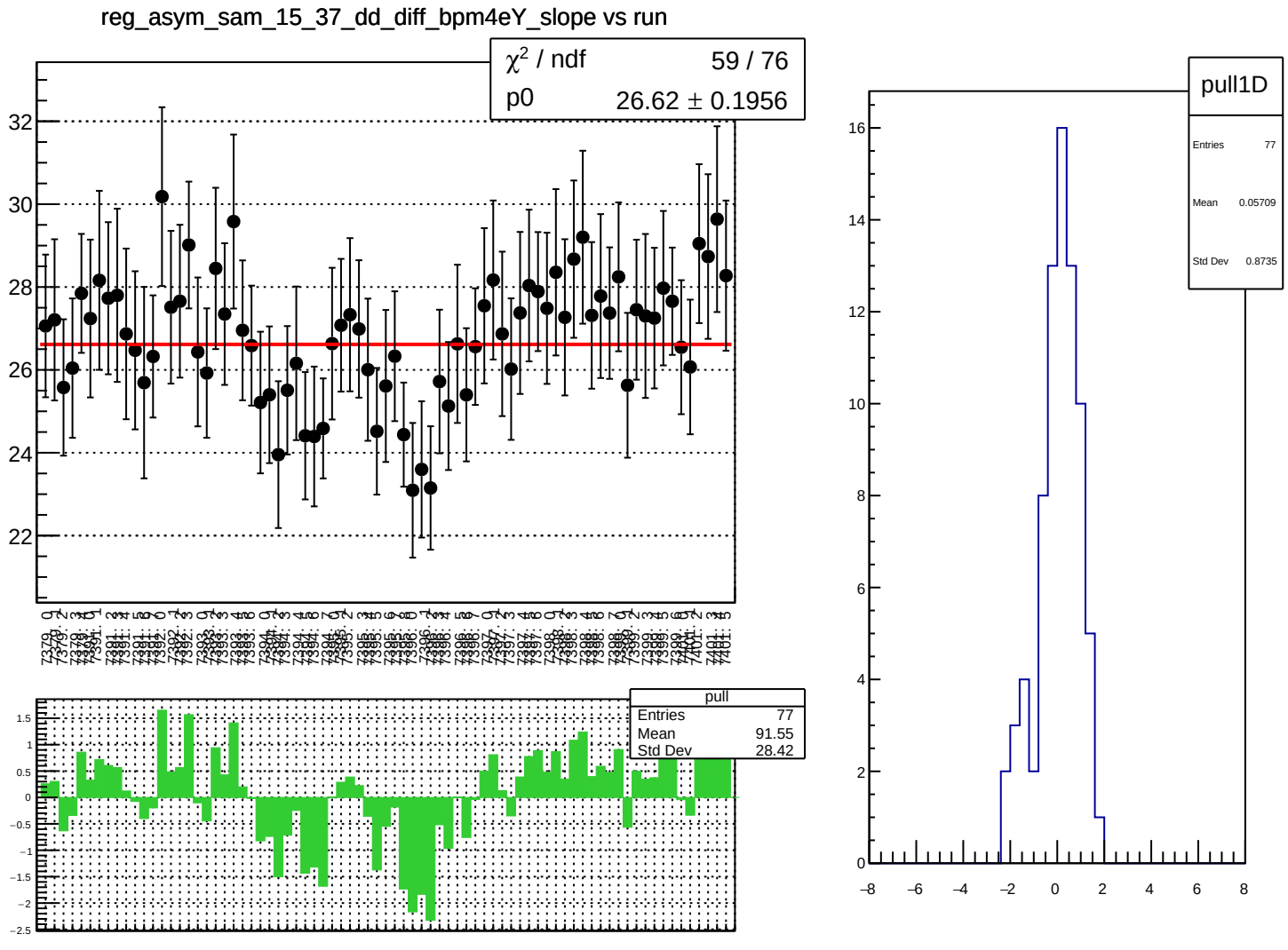

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs run
χ² / ndf 35.36 / 76
p0 0.03821 ± 0.01078
pull
Entries 77
Mean 625.7
Std Dev 582.9
pull1D
Entries 77
Mean 0.0168
Std Dev 0.6775

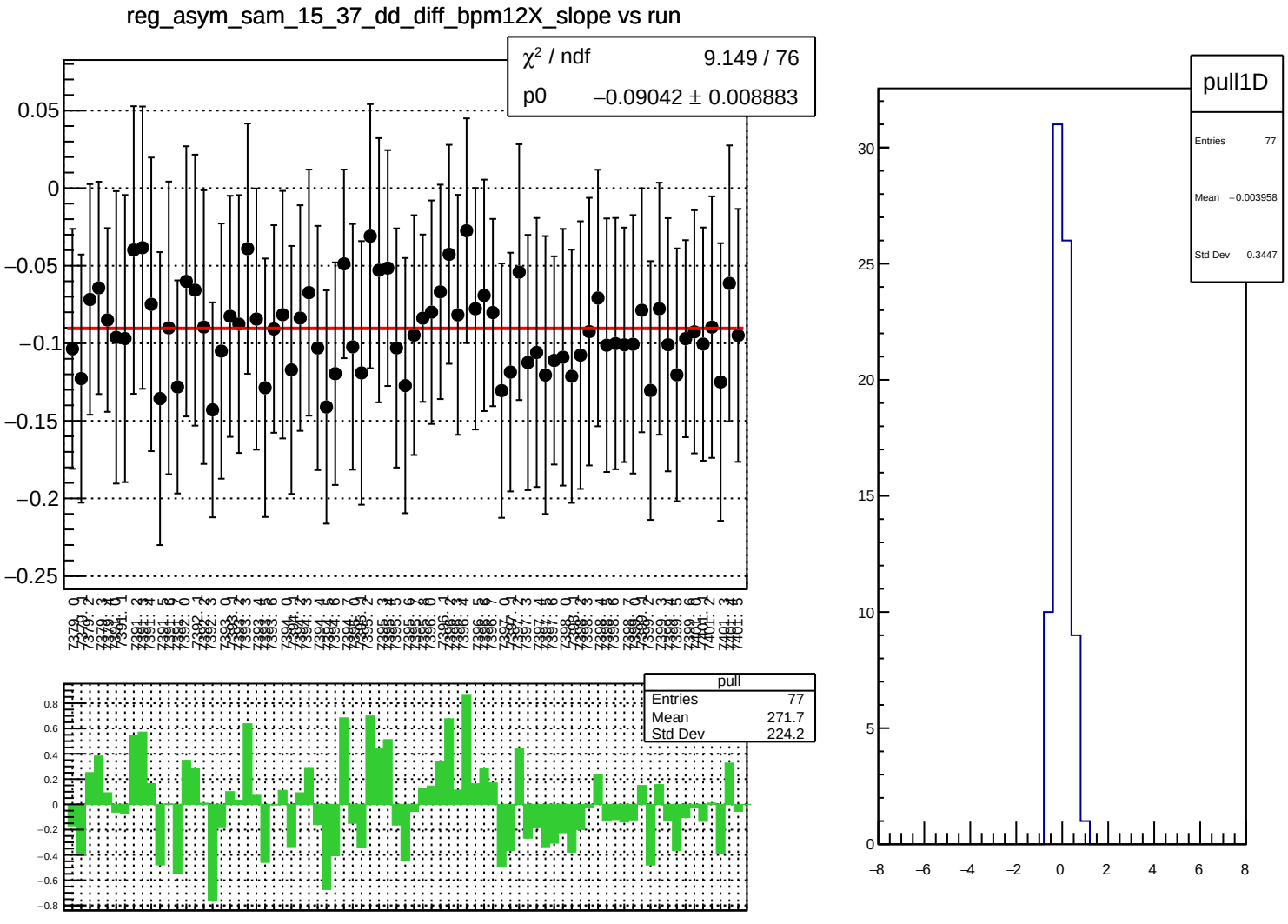

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs run
χ² / ndf 37.08 / 76
p0 3.842 ± 0.1744
pull
Entries 77
Mean −155.1
Std Dev 194.6

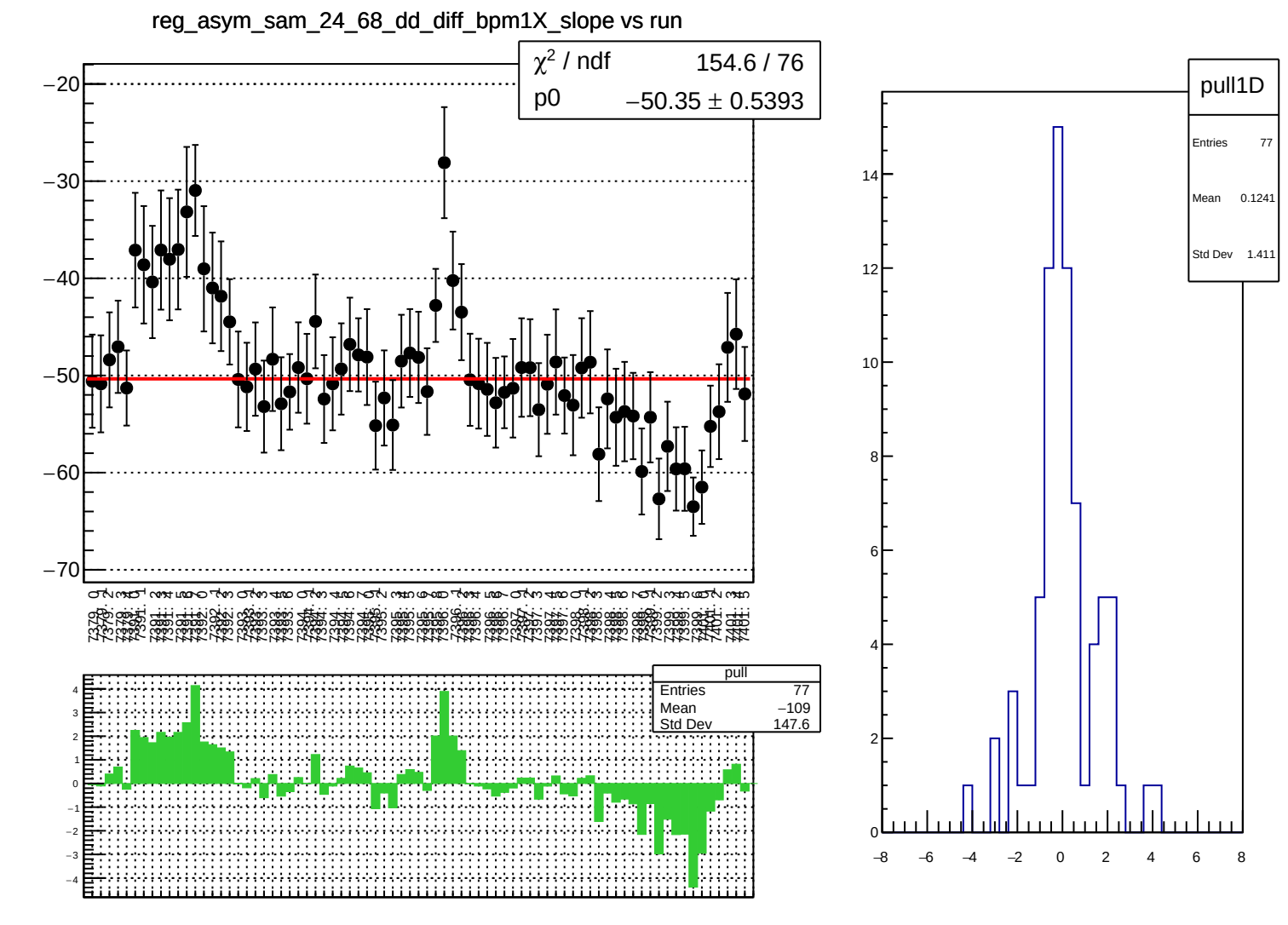

pull1D
Entries 77
Mean −0.04007
Std Dev 0.6928

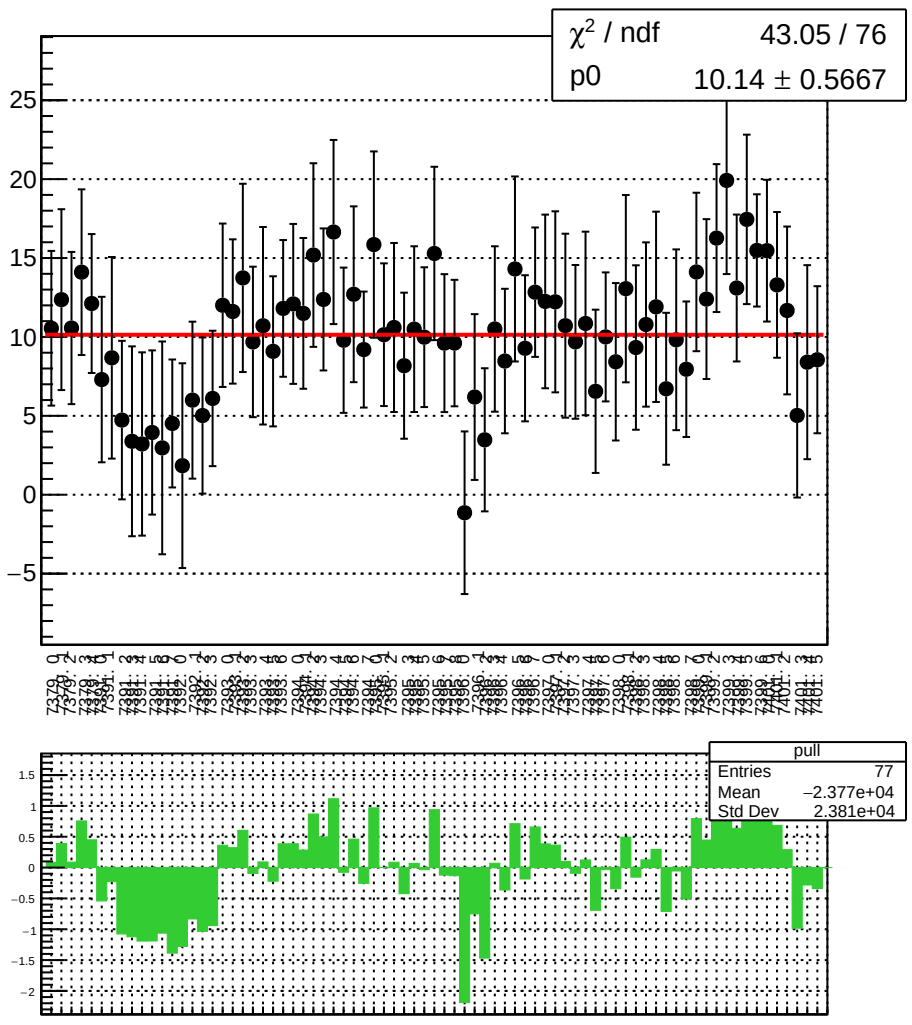

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 24.42 / 76
p0 −3.402 ± 0.1834
pull
Entries 77
Mean 454.8
Std Dev 417.8
pull1D
Entries 77
Mean −0.009892
Std Dev 0.5631

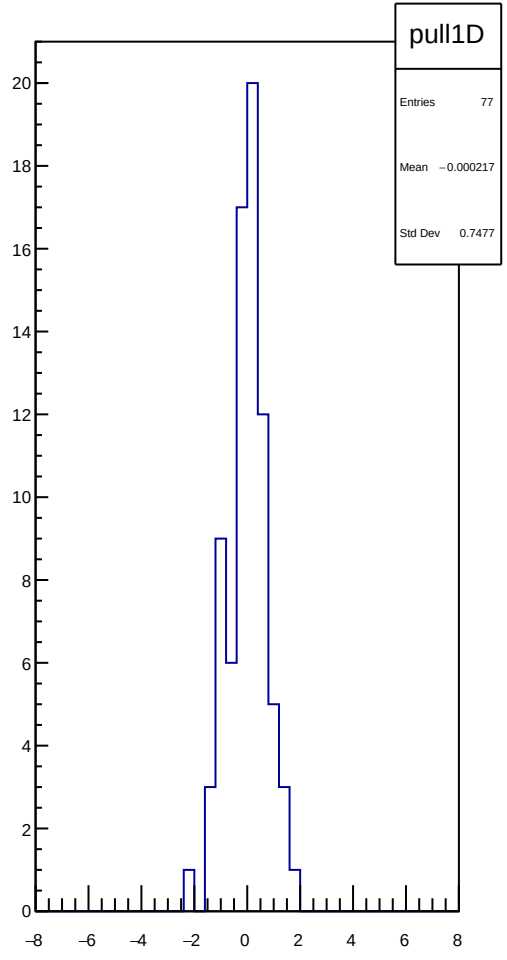

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 114.5 / 76
p0 21.95 ± 0.181
pull
Entries 77
Mean −25.43
Std Dev 49.29
pull1D
Entries 77
Mean 0.1375
Std Dev 1.212

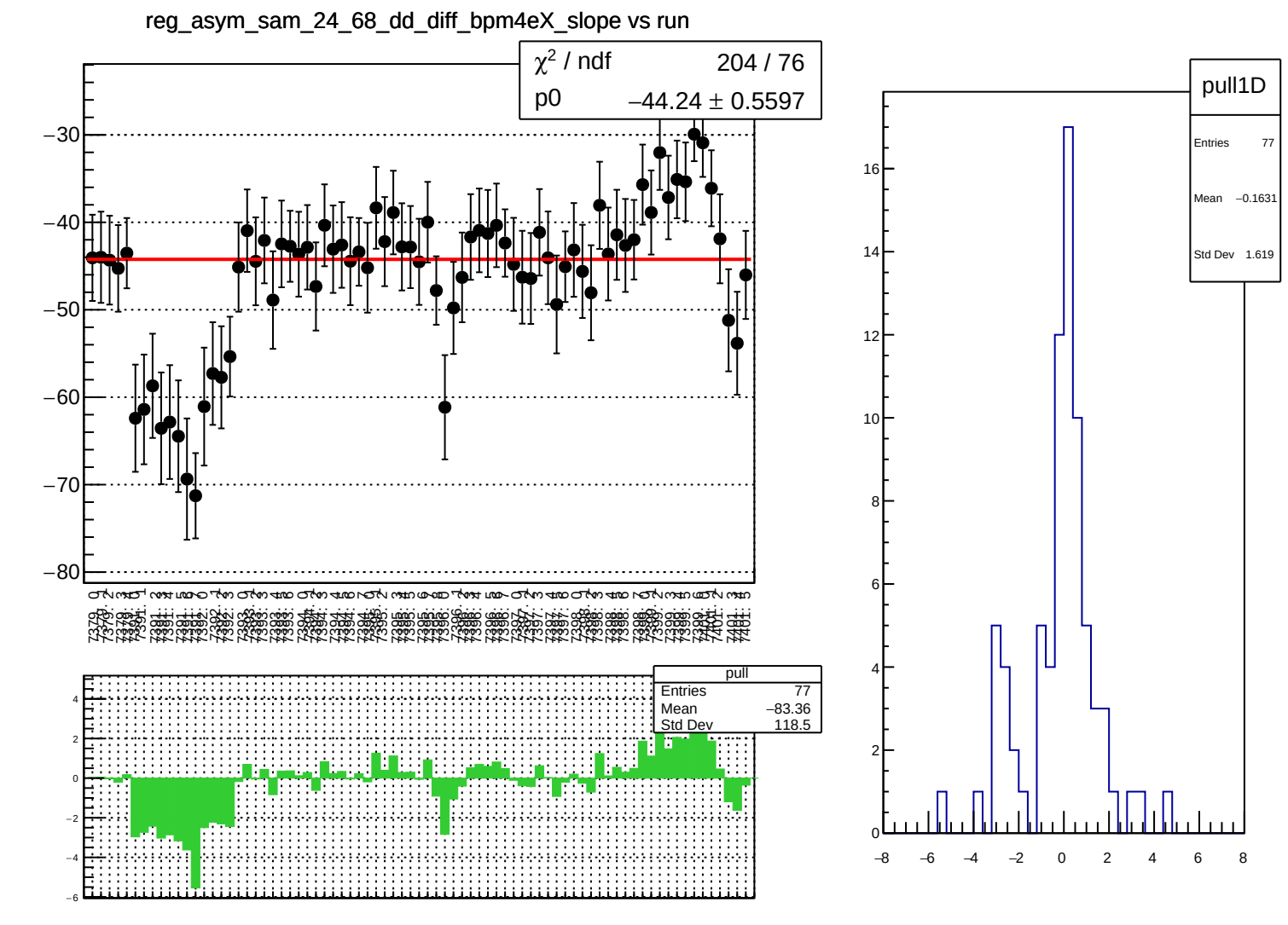

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 59 / 76
p0 26.62 ± 0.1956
pull
Entries 77
Mean 91.55
Std Dev 28.42
pull1D
Entries 77
Mean 0.05709
Std Dev 0.8735

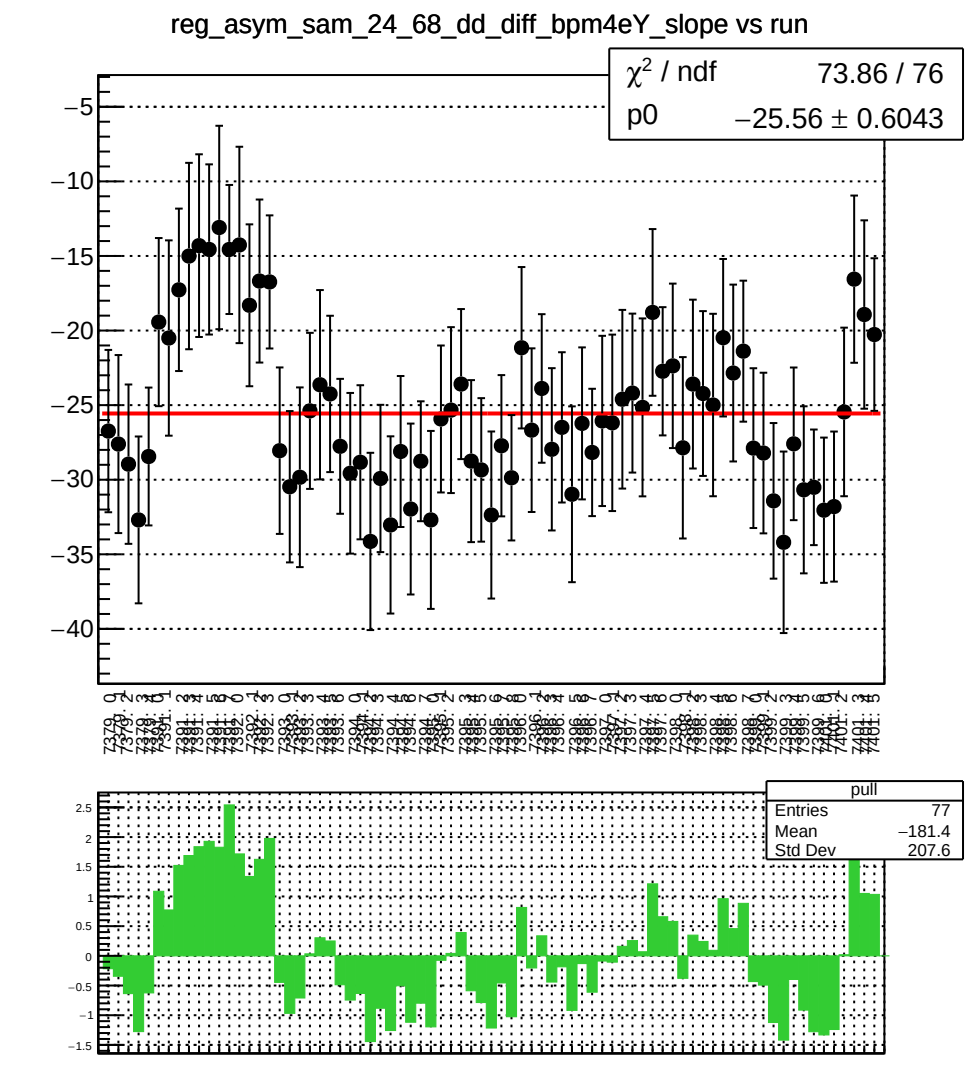

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs run
χ² / ndf 9.149 / 76
p0 −0.09042 ± 0.008883
pull
Entries 77
Mean 271.7
Std Dev 224.2
pull1D
Entries 77
Mean −0.003958
Std Dev 0.3447

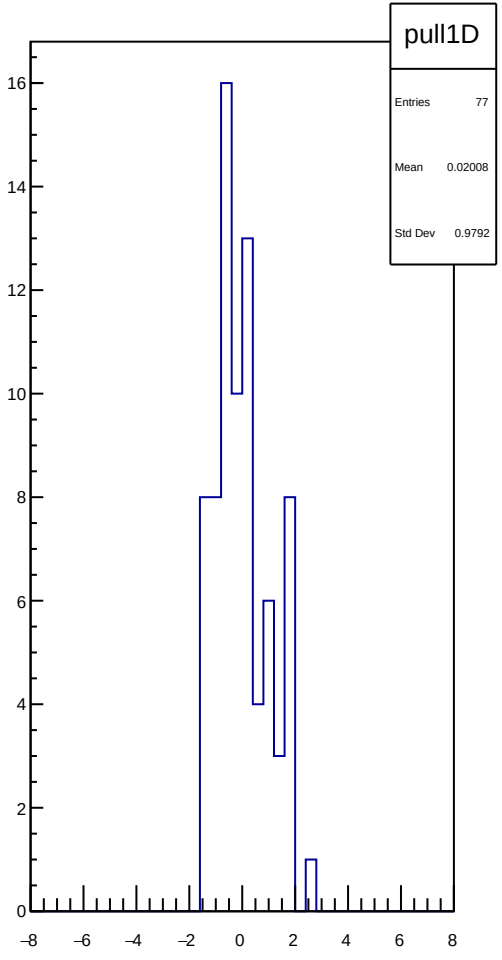

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs run
χ² / ndf 154.6 / 76
p0 −50.35 ± 0.5393
pull
Entries 77
Mean −109
Std Dev 147.6
pull1D
Entries 77
Mean 0.1241
Std Dev 1.411

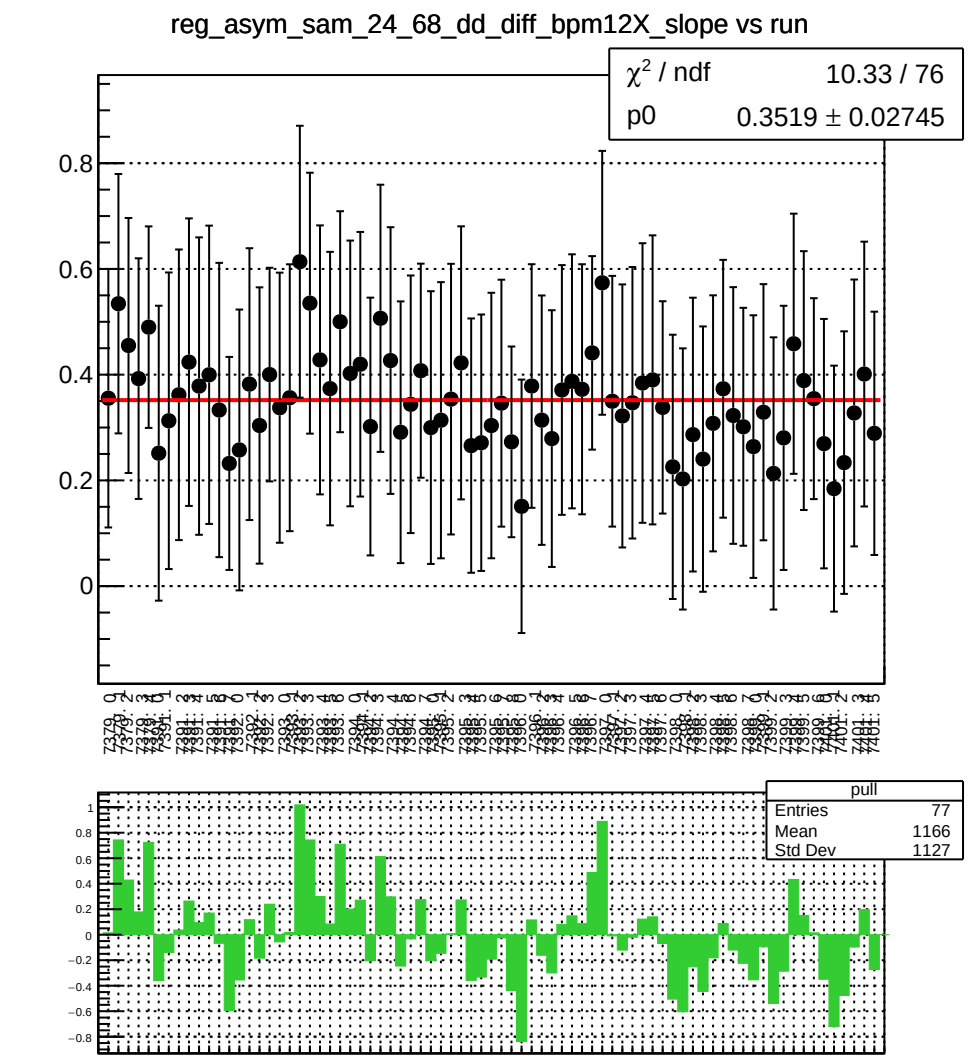

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs run
χ² / ndf 43.05 / 76
p0 10.14 ± 0.5667
pull
Entries 77
Mean −2.377e+04
Std Dev 2.381e+04

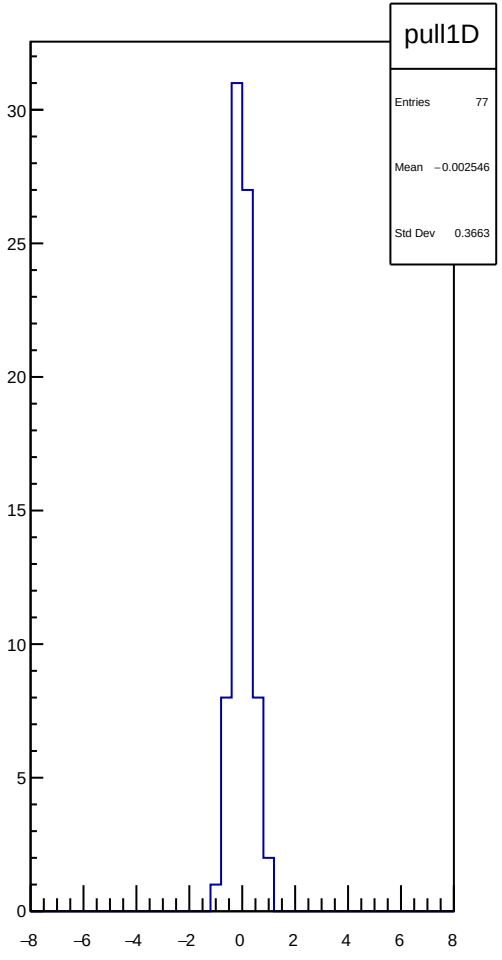

pull1D
Entries 77
Mean −0.000217
Std Dev 0.7477

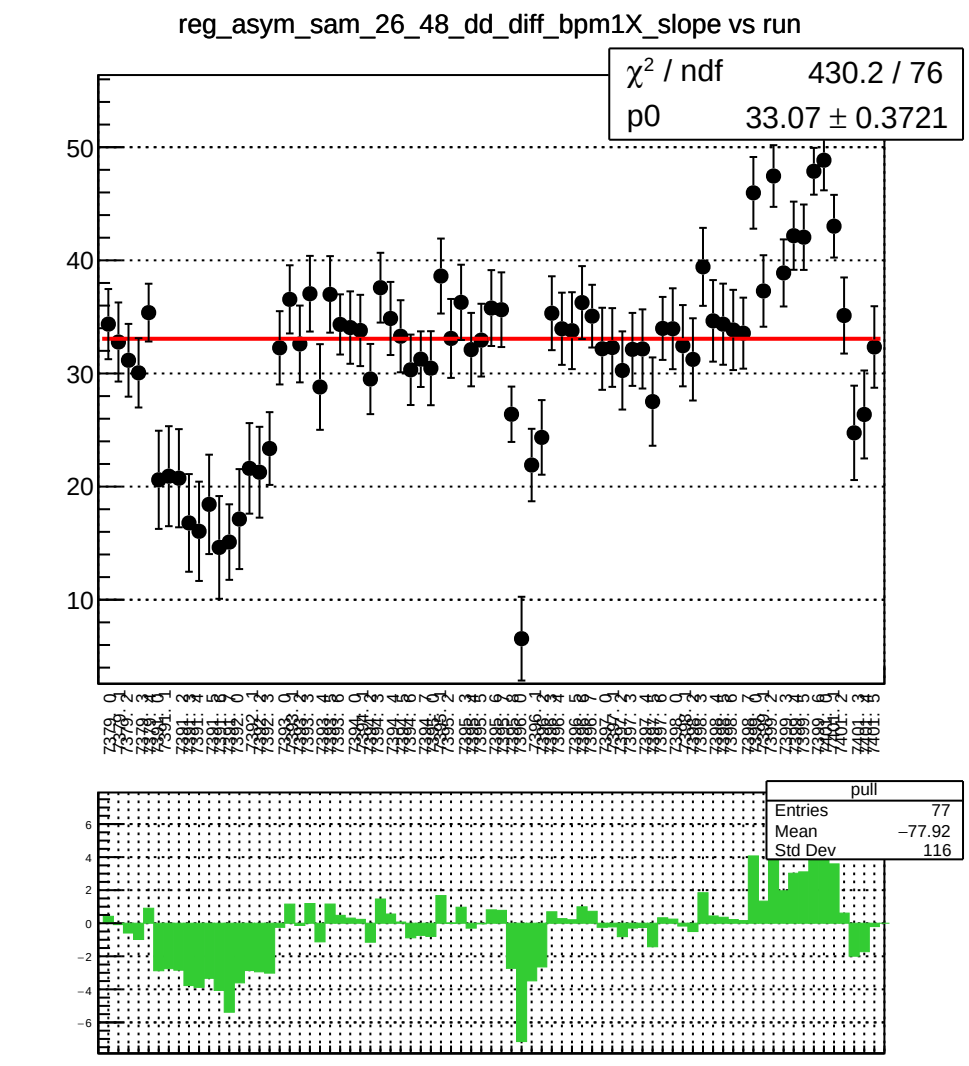

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs run
χ² / ndf 204 / 76
p0 −44.24 ± 0.5597
pull
Entries 77
Mean −83.36
Std Dev 118.5
pull1D
Entries 77
Mean −0.1631
Std Dev 1.619

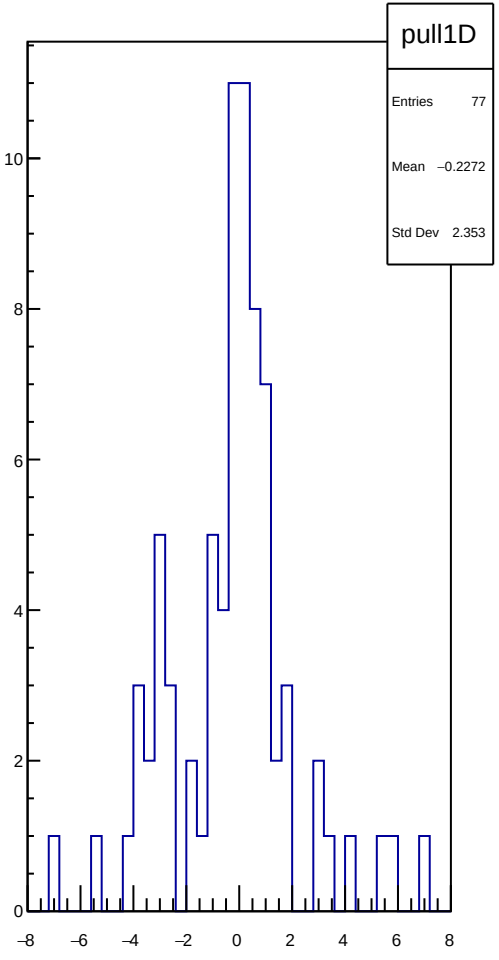

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs run
χ² / ndf 73.86 / 76
p0 −25.56 ± 0.6043
pull
Entries 77
Mean −181.4
Std Dev 207.6

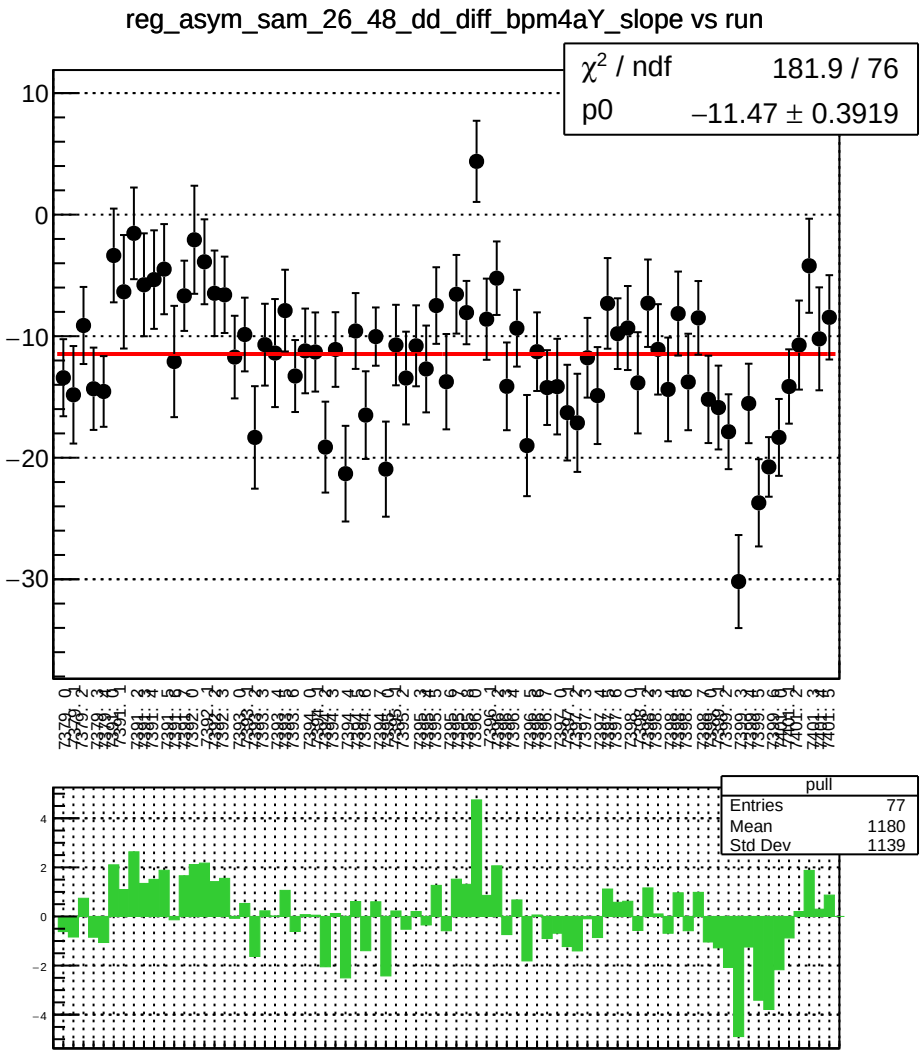

pull1D
Entries 77
Mean 0.02008
Std Dev 0.9792

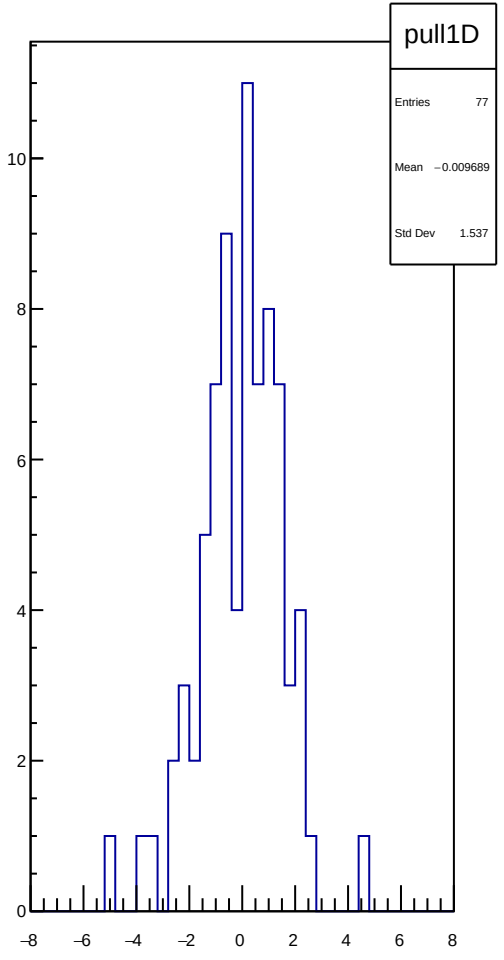

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs run
χ² / ndf 10.33 / 76
p0 0.3519 ± 0.02745
pull
Entries 77
Mean 1166
Std Dev 1127

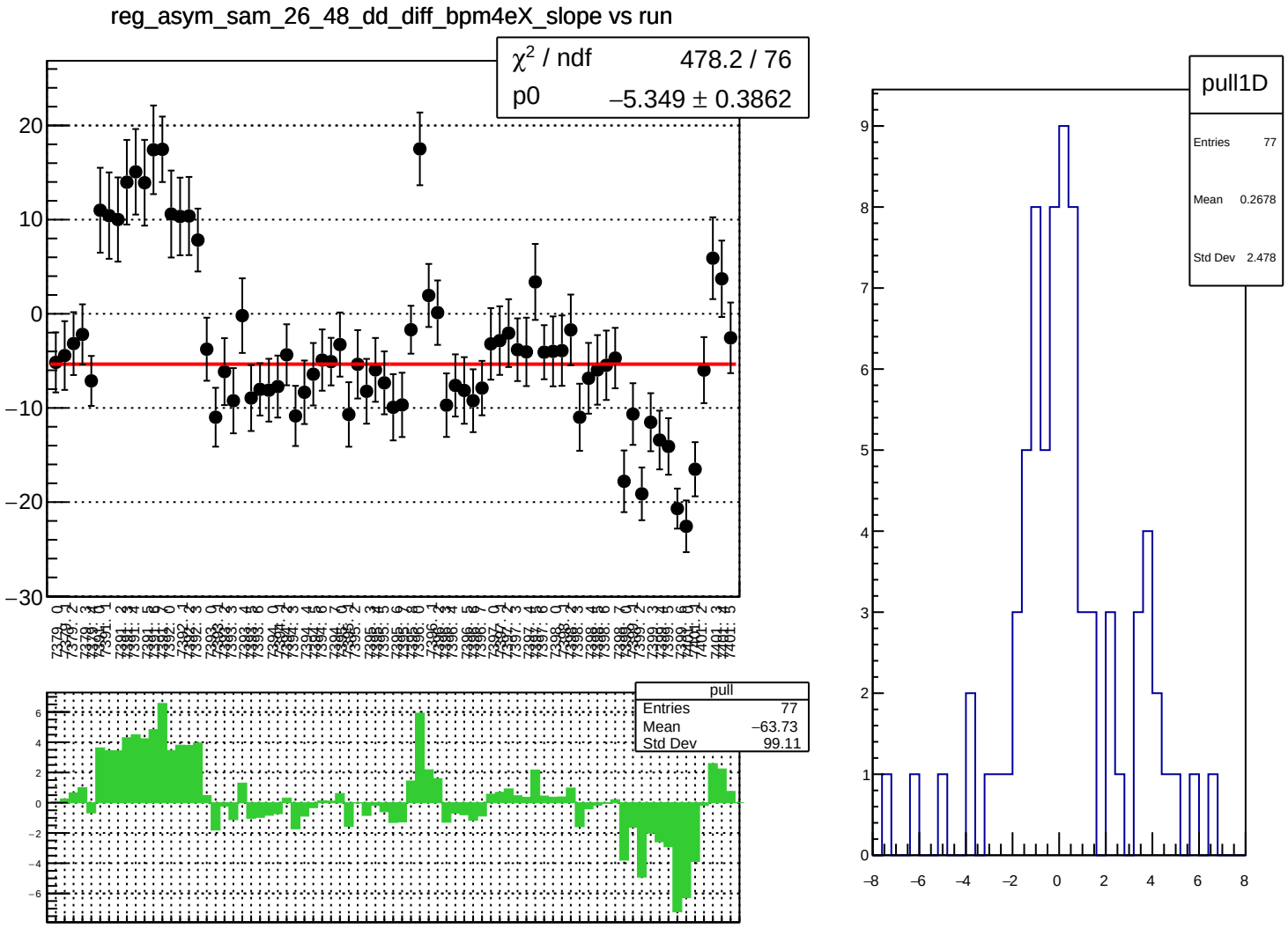

pull1D
Entries 77
Mean −0.002546
Std Dev 0.3663

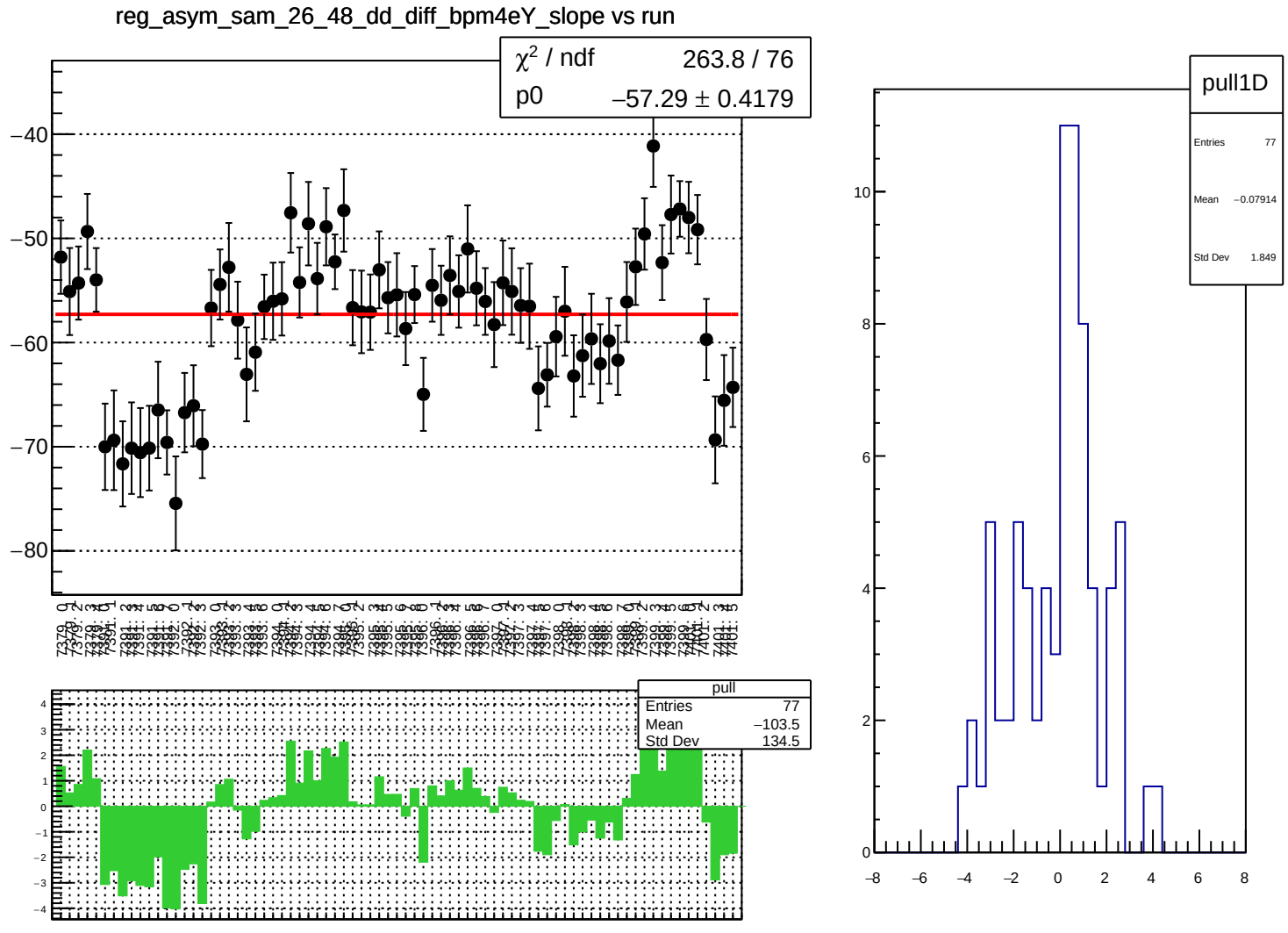

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs run
χ² / ndf 430.2 / 76
p0 33.07 ± 0.3721
pull
Entries 77
Mean −77.92
Std Dev 116

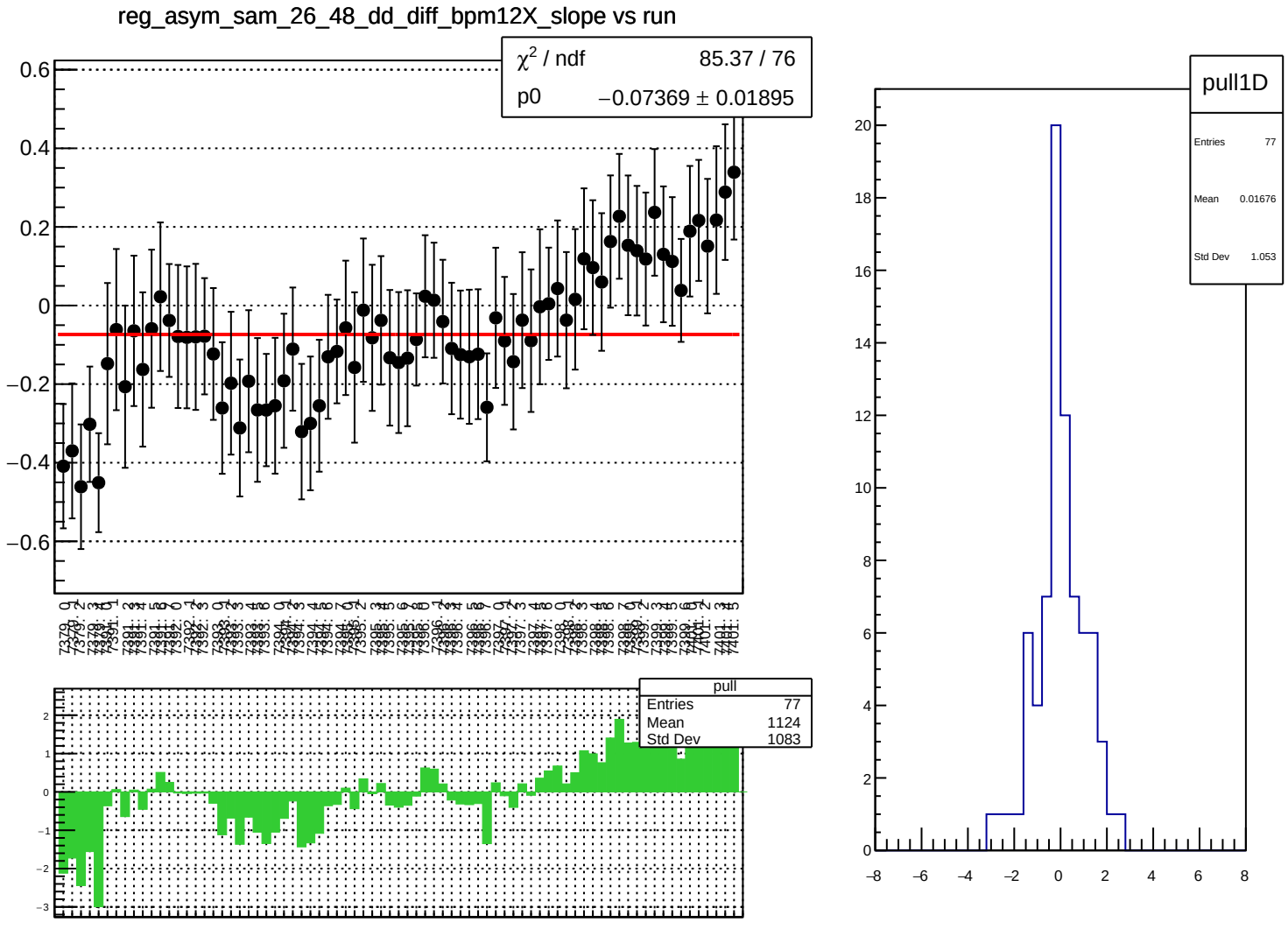

pull1D
Entries 77
Mean −0.2272
Std Dev 2.353

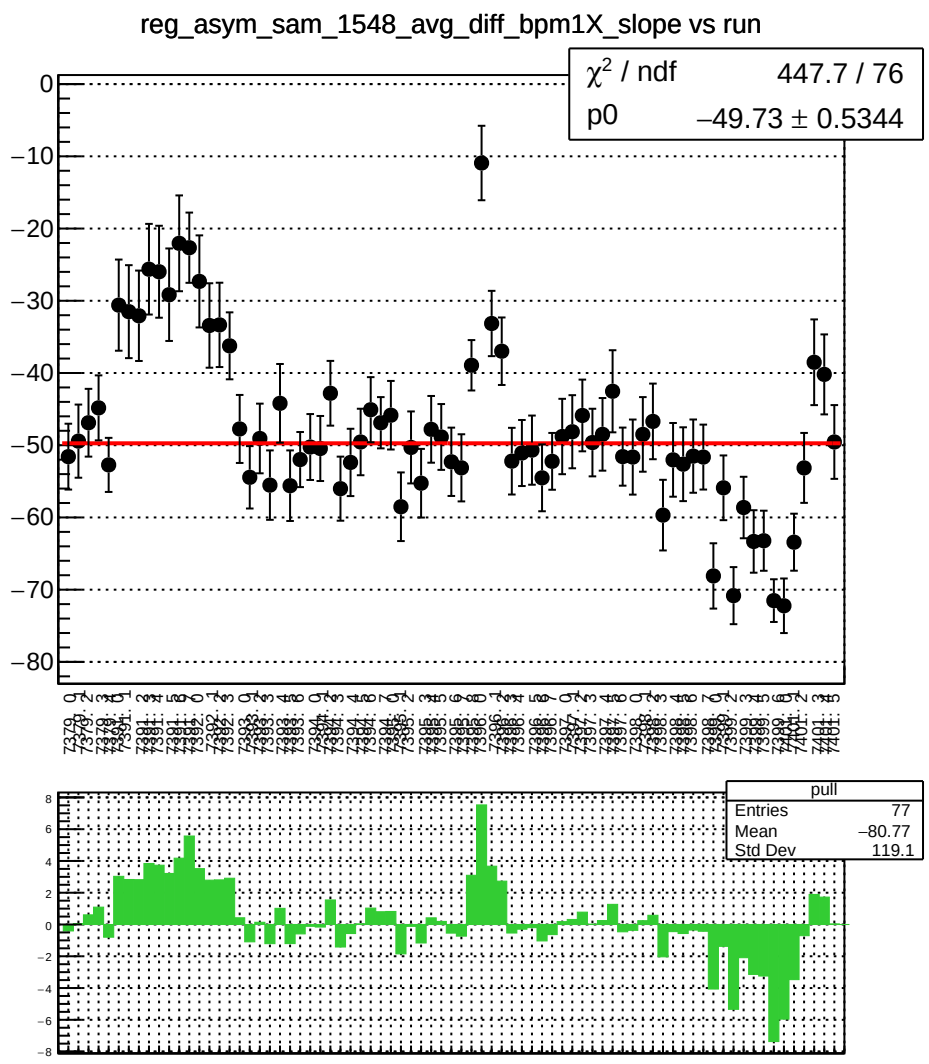

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 181.9 / 76
p0 −11.47 ± 0.3919
pull
Entries 77
Mean 1180
Std Dev 1139

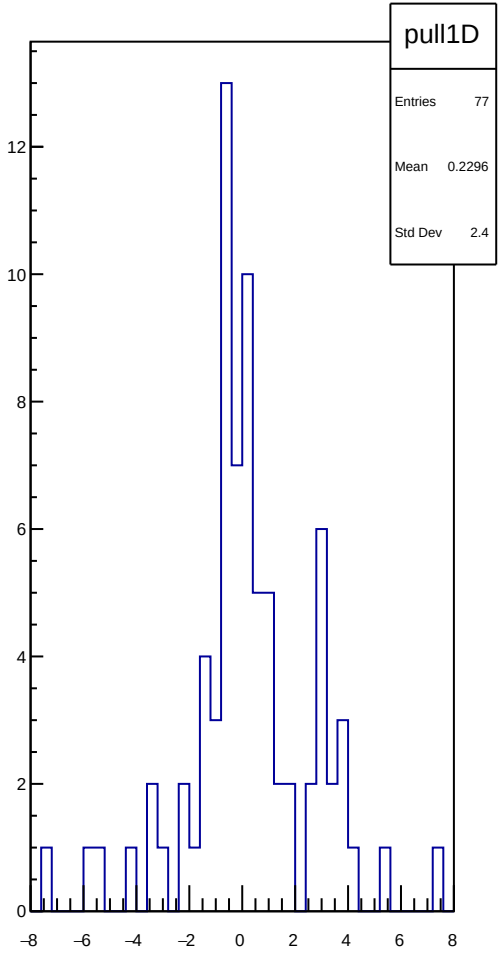

pull1D
Entries 77
Mean −0.009689
Std Dev 1.537

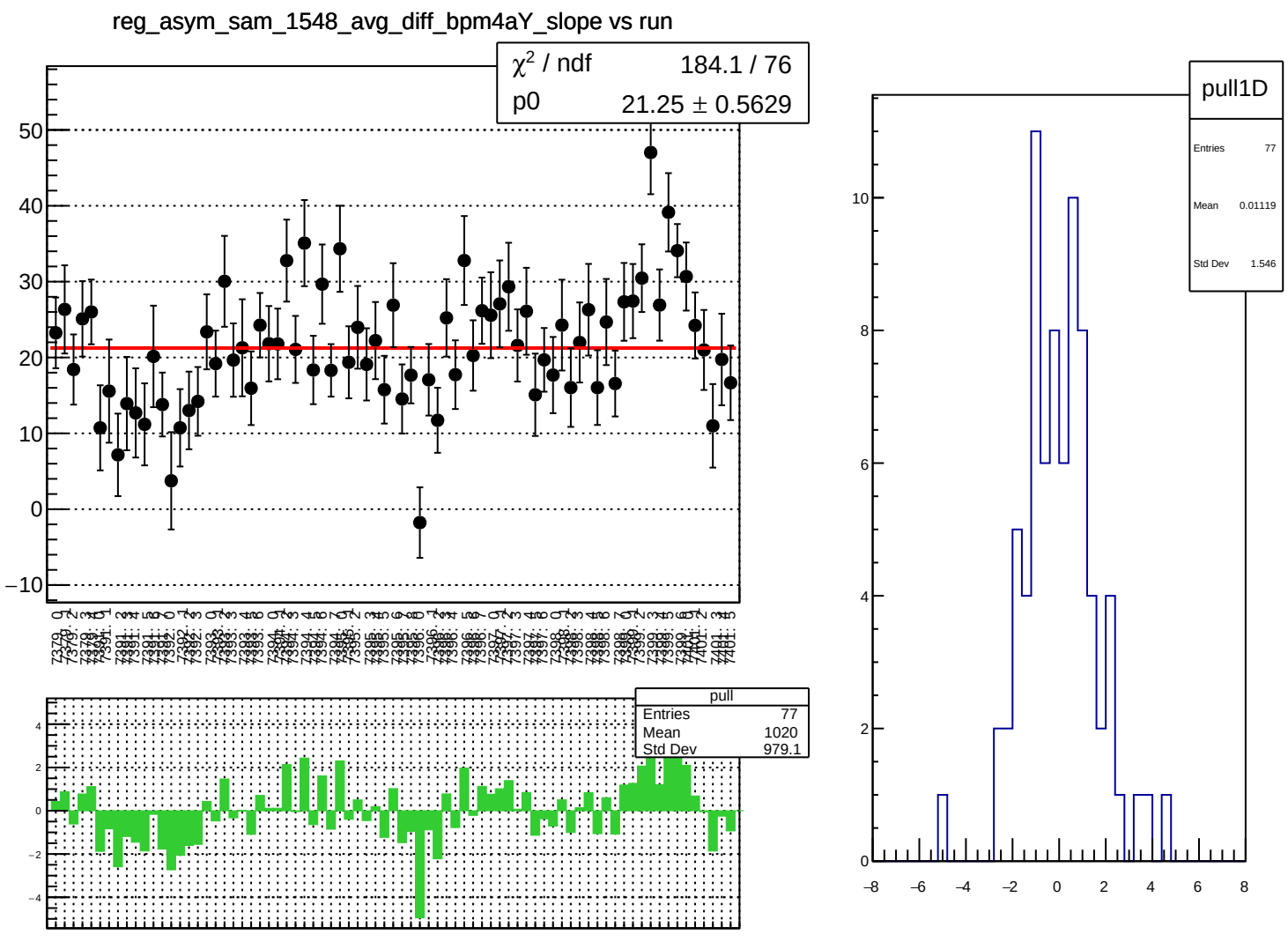

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 478.2 / 76
p0 −5.349 ± 0.3862
pull
Entries 77
Mean −63.73
Std Dev 99.11
pull1D
Entries 77
Mean 0.2678
Std Dev 2.478

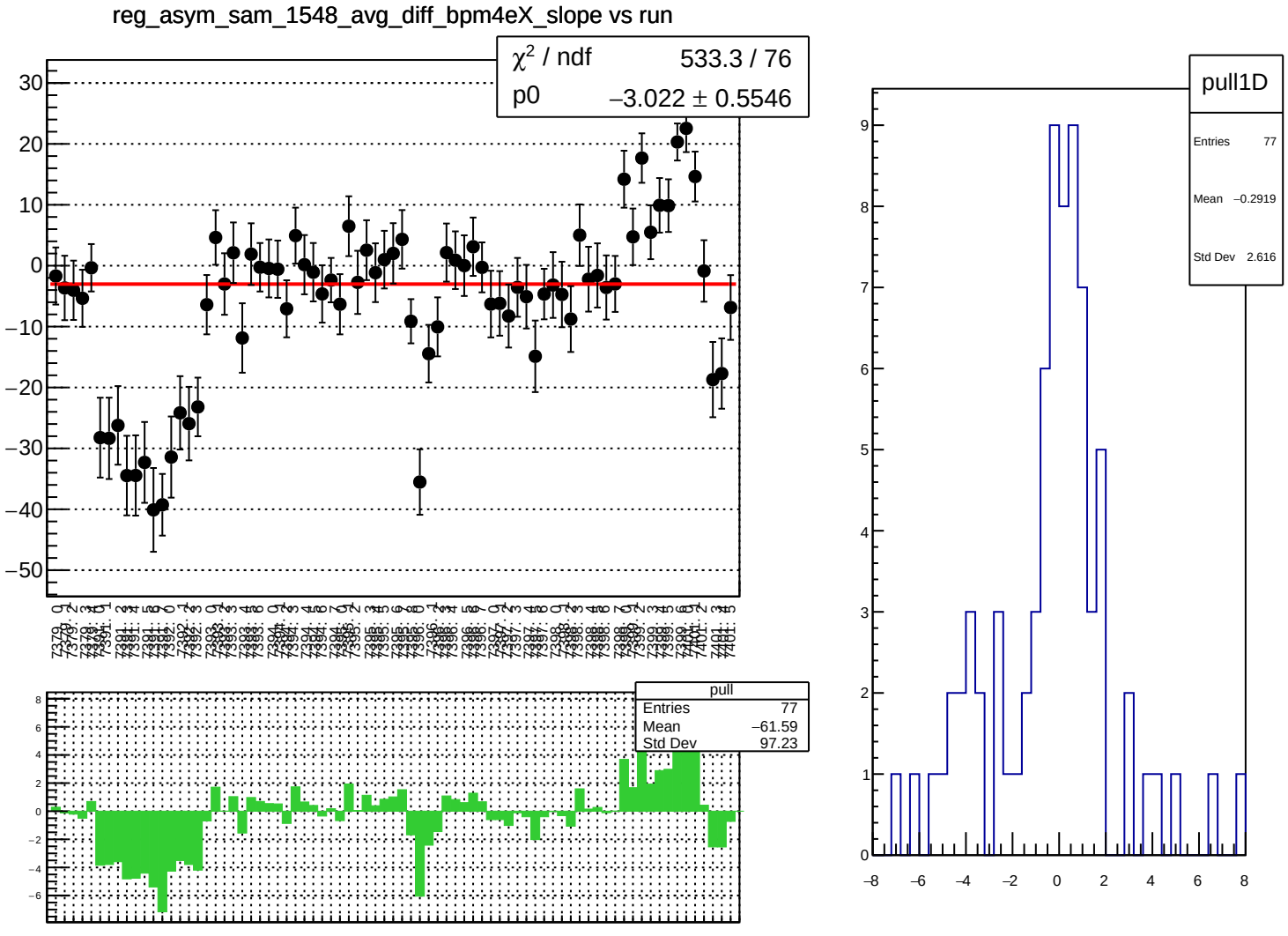

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 263.8 / 76
p0 −57.29 ± 0.4179
−40
−50
−60
−70
−80
pull
Entries 77
Mean −103.5
Std Dev 134.5
4
3
2
1
0
−1
−2
−3
−4
pull1D
Entries 77
Mean −0.07914
Std Dev 1.849
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

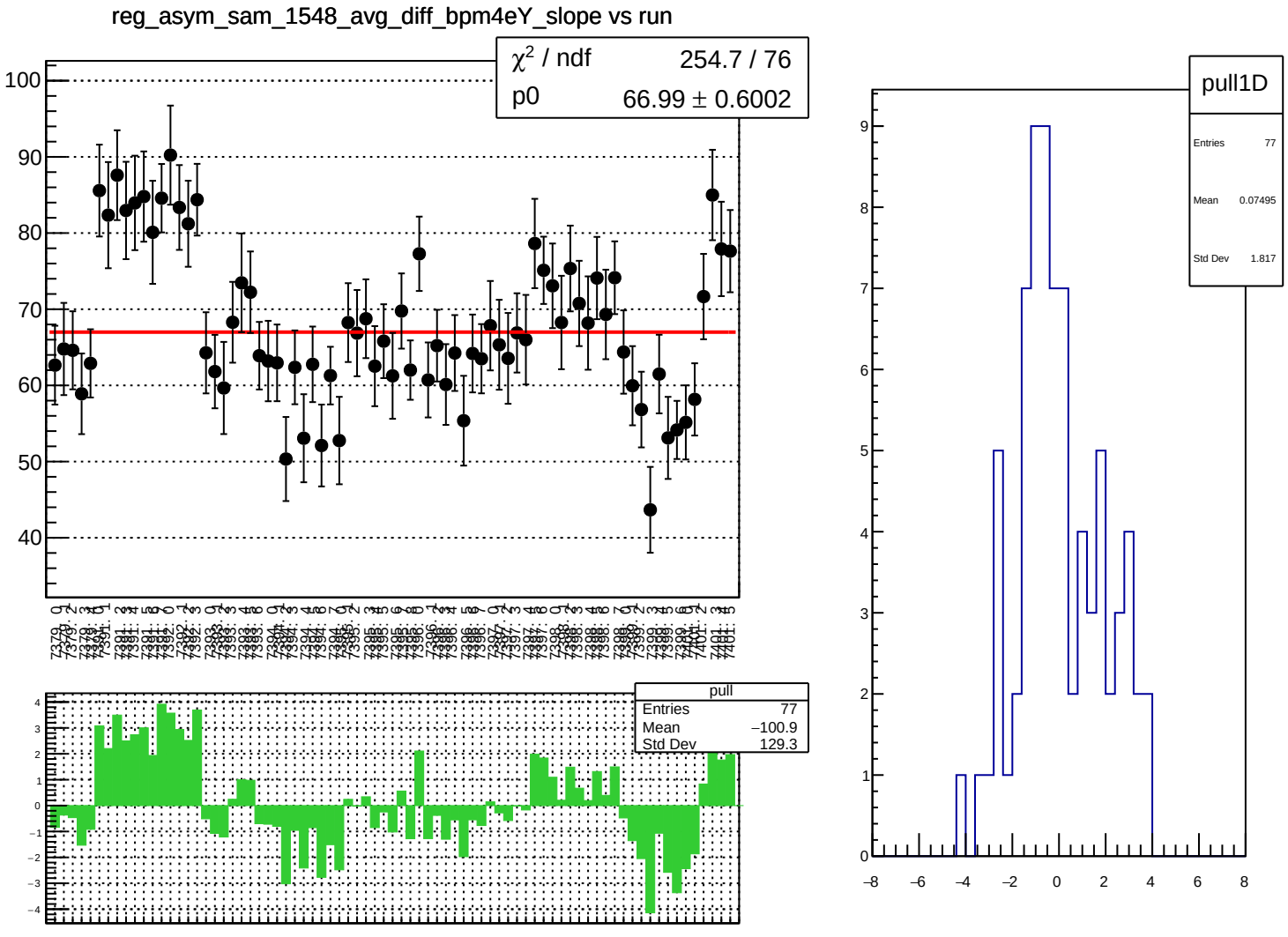

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs run
χ² / ndf 85.37 / 76
p0 −0.07369 ± 0.01895
pull
Entries 77
Mean 1124
Std Dev 1083
pull1D
Entries 77
Mean 0.01676
Std Dev 1.053

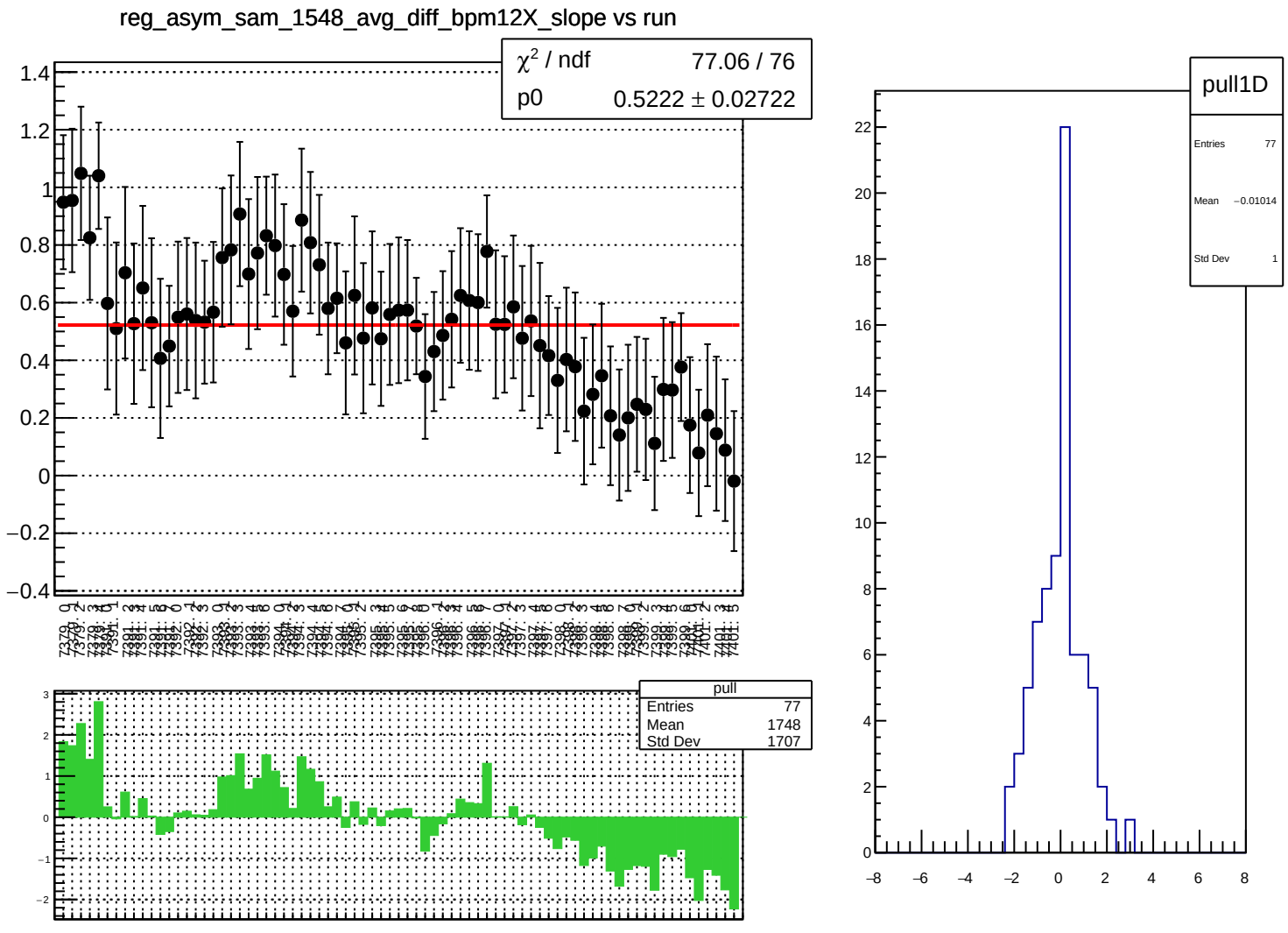

reg_asym_sam_1548_avg_diff_bpm1X_slope vs run
χ² / ndf 447.7 / 76
p0 −49.73 ± 0.5344
pull
Entries 77
Mean −80.77
Std Dev 119.1

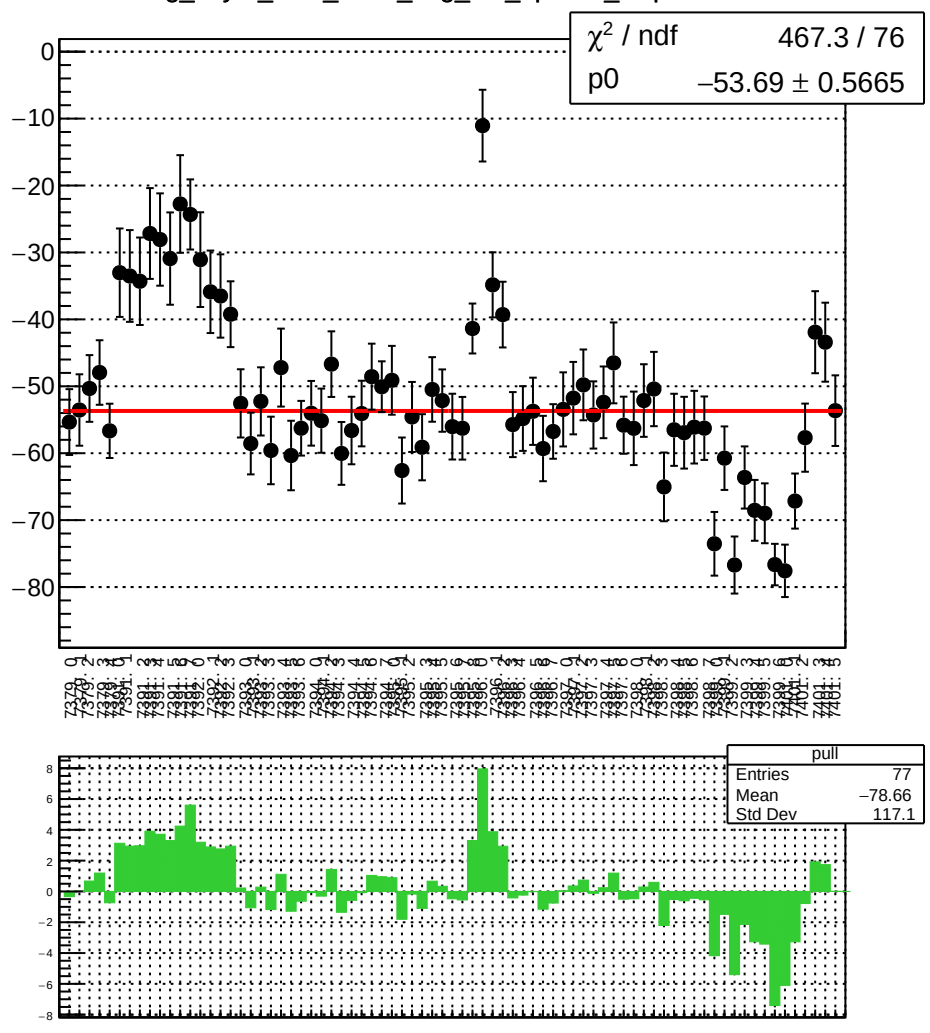

pull1D
Entries 77
Mean 0.2296
Std Dev 2.4

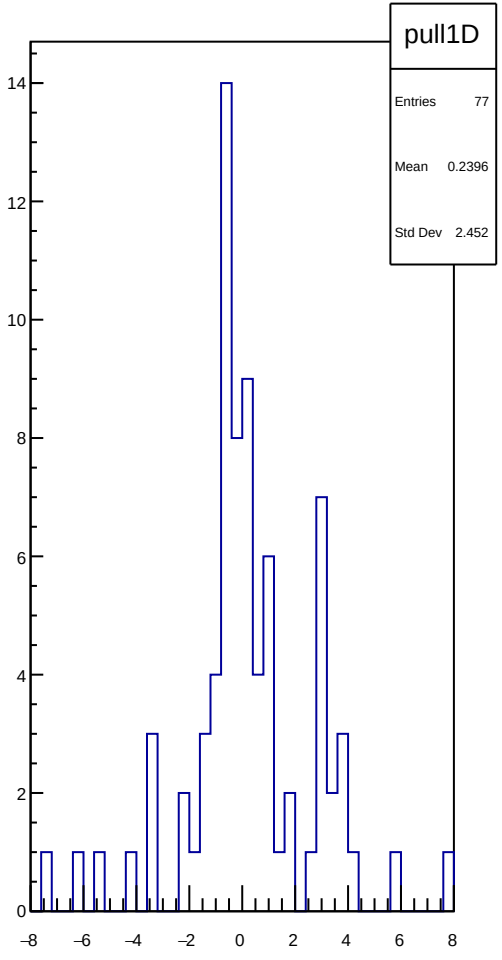

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs run
χ² / ndf 184.1 / 76
p0 21.25 ± 0.5629
pull
Entries 77
Mean 1020
Std Dev 979.1
pull1D
Entries 77
Mean 0.01119
Std Dev 1.546

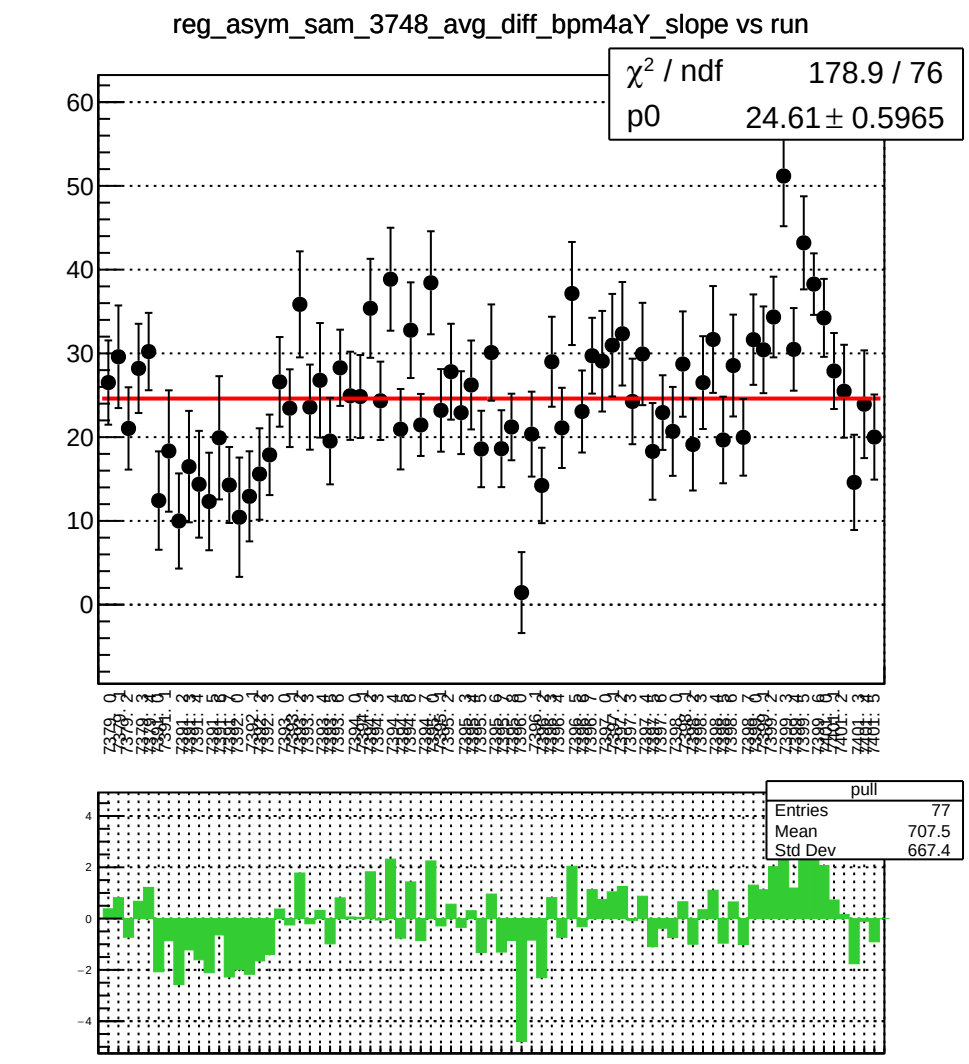

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs run
χ² / ndf 533.3 / 76
p0 −3.022 ± 0.5546
pull
Entries 77
Mean −61.59
Std Dev 97.23
pull1D
Entries 77
Mean −0.2919
Std Dev 2.616

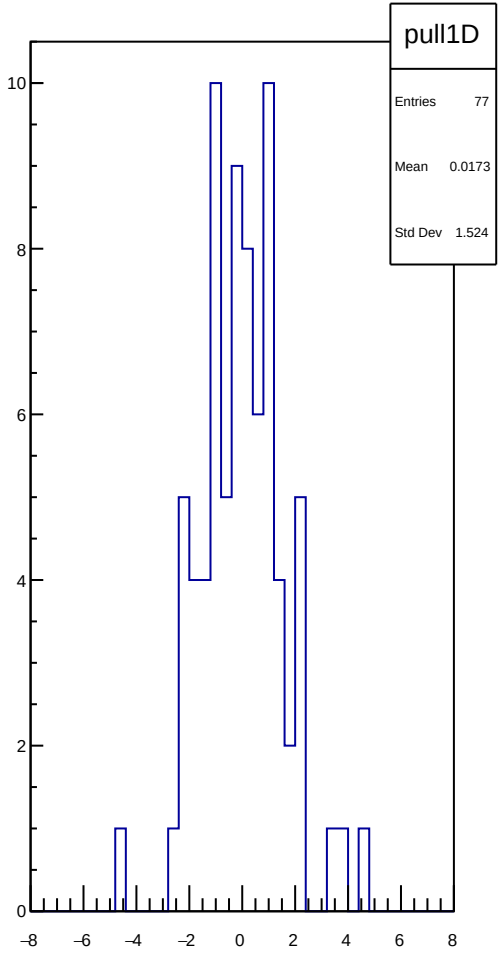

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs run
χ² / ndf 254.7 / 76
p0 66.99 ± 0.6002
pull
Entries 77
Mean −100.9
Std Dev 129.3
pull1D
Entries 77
Mean 0.07495
Std Dev 1.817

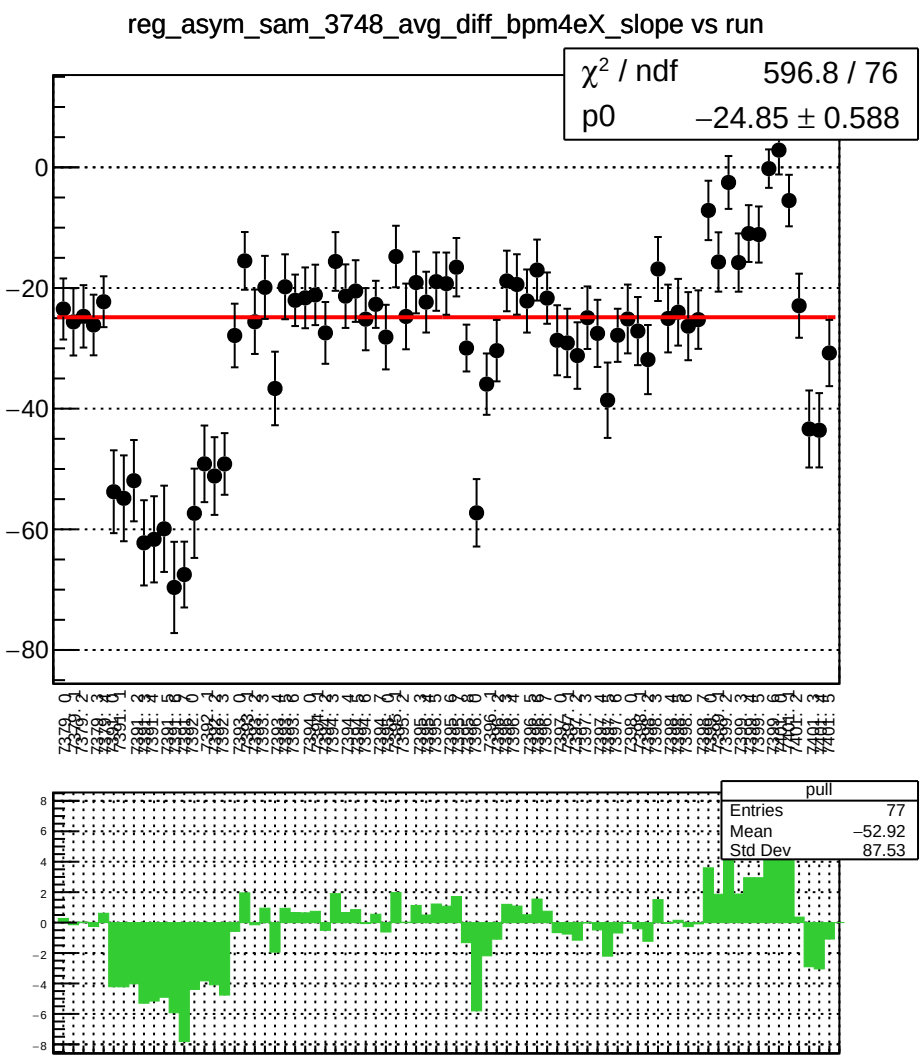

reg_asym_sam_1548_avg_diff_bpm12X_slope vs run
χ² / ndf 77.06 / 76
p0 0.5222 ± 0.02722
pull
Entries 77
Mean 1748
Std Dev 1707
pull1D
Entries 77
Mean −0.01014
Std Dev 1

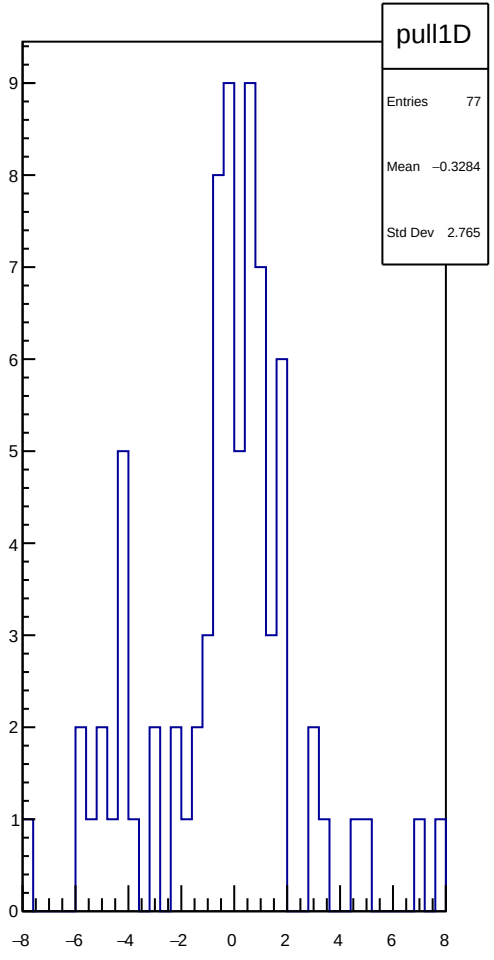

reg_asym_sam_3748_avg_diff_bpm1X_slope vs run
χ² / ndf 467.3 / 76
p0 −53.69 ± 0.5665
pull
Entries 77
Mean −78.66
Std Dev 117.1

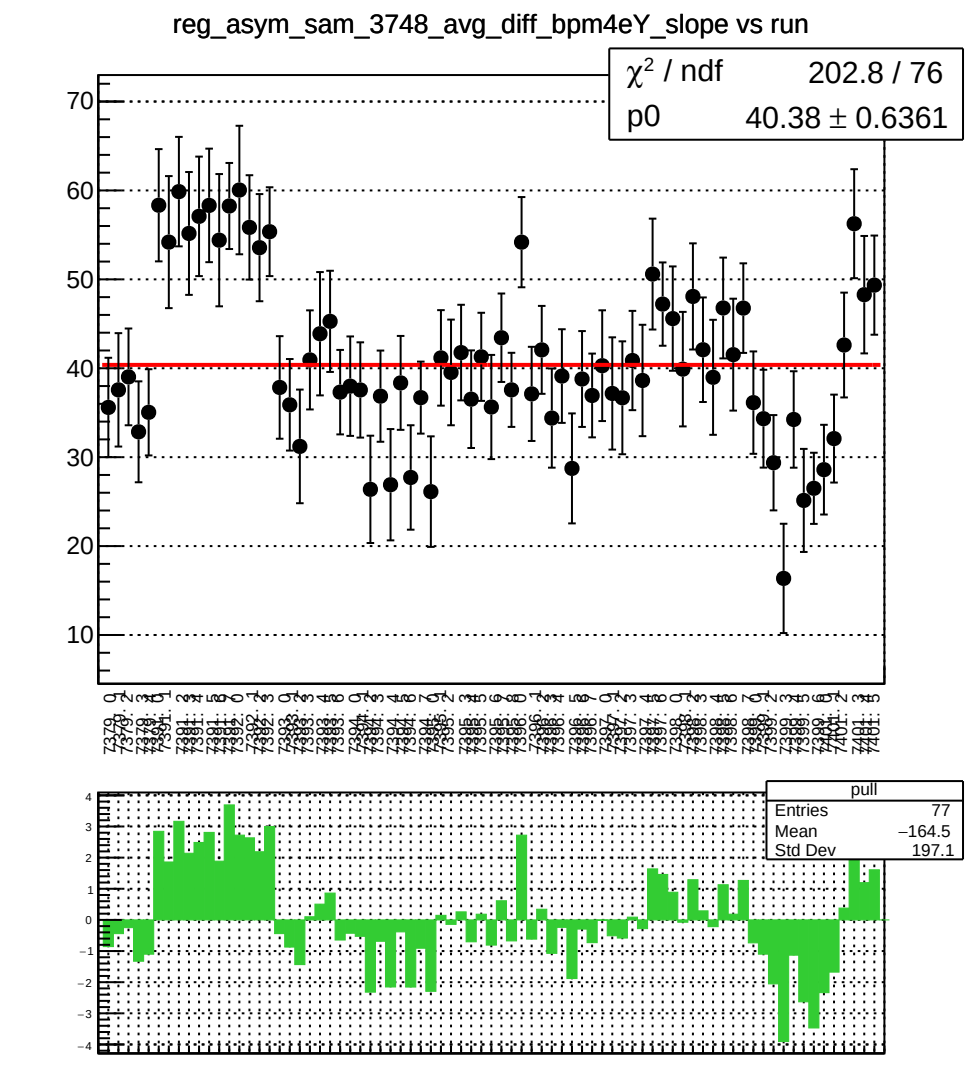

pull1D
Entries 77
Mean 0.2396
Std Dev 2.452

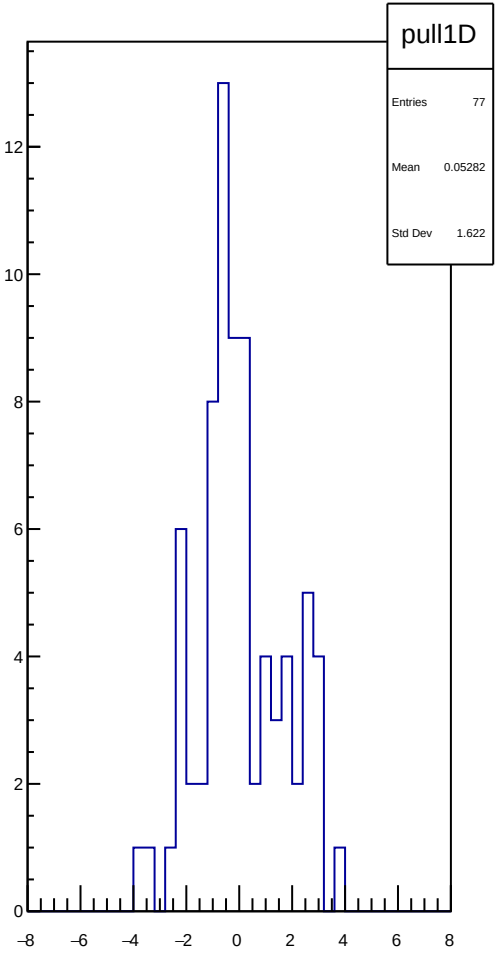

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs run
χ² / ndf 178.9 / 76
p0 24.61 ± 0.5965
pull
Entries 77
Mean 707.5
Std Dev 667.4

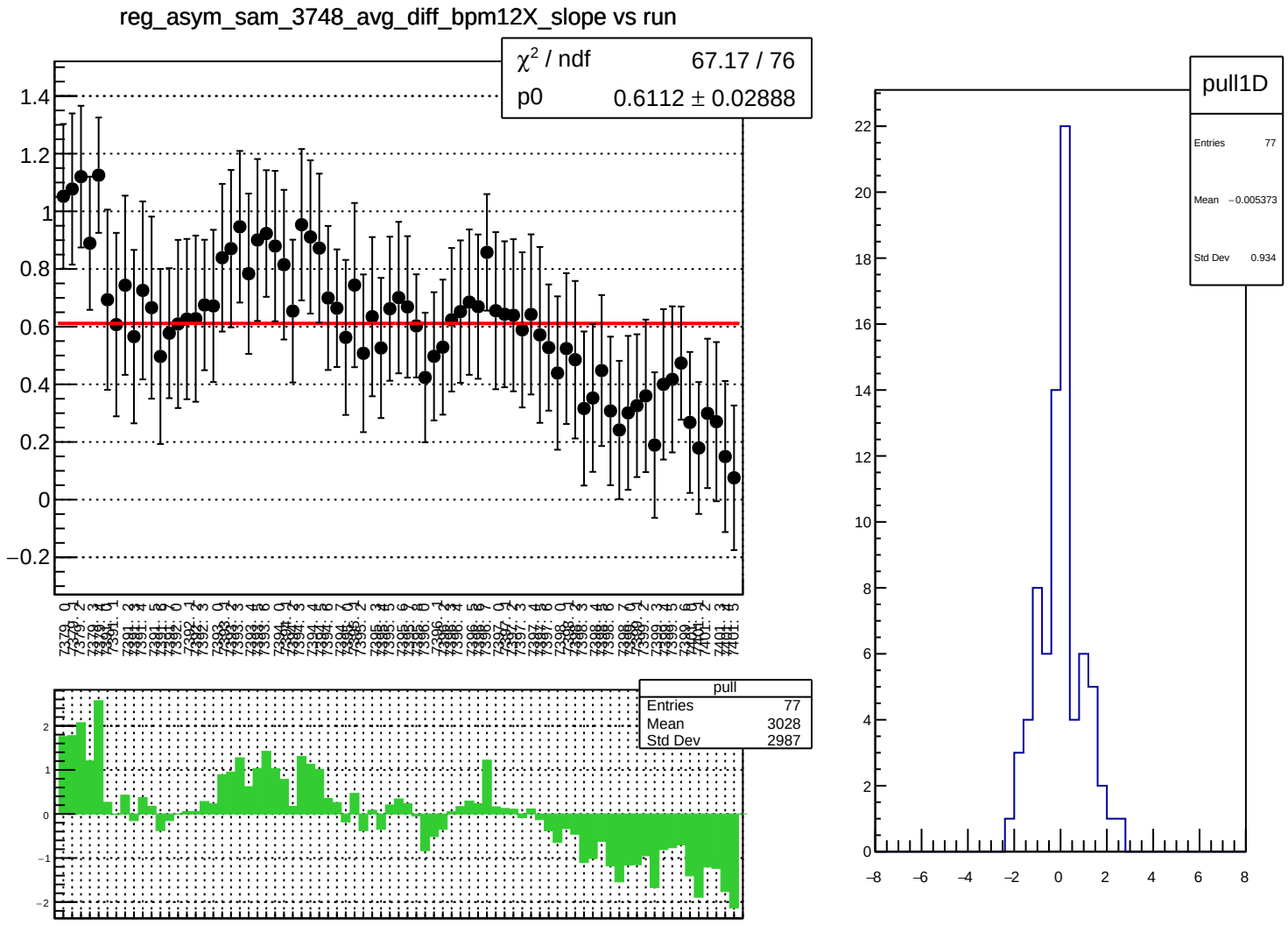

pull1D
Entries 77
Mean 0.0173
Std Dev 1.524

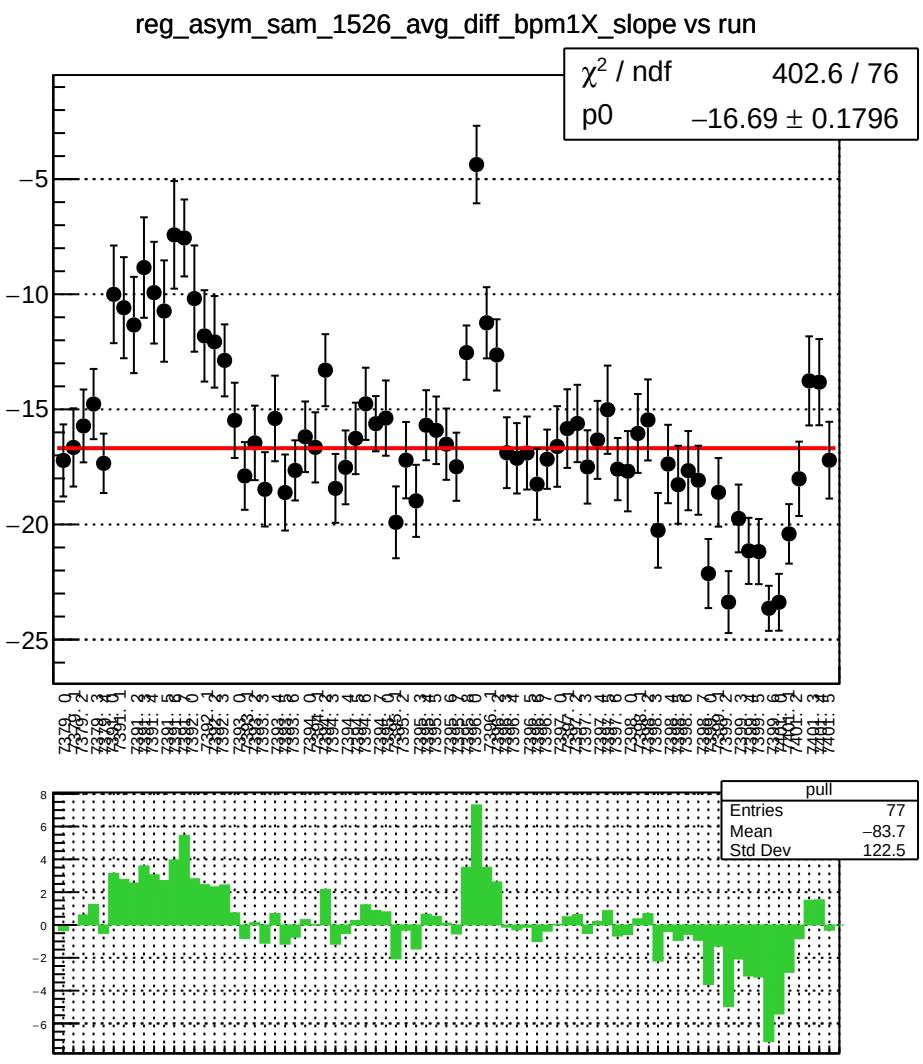

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs run
χ² / ndf 596.8 / 76
p0 −24.85 ± 0.588
pull
Entries 77
Mean −52.92
Std Dev 87.53

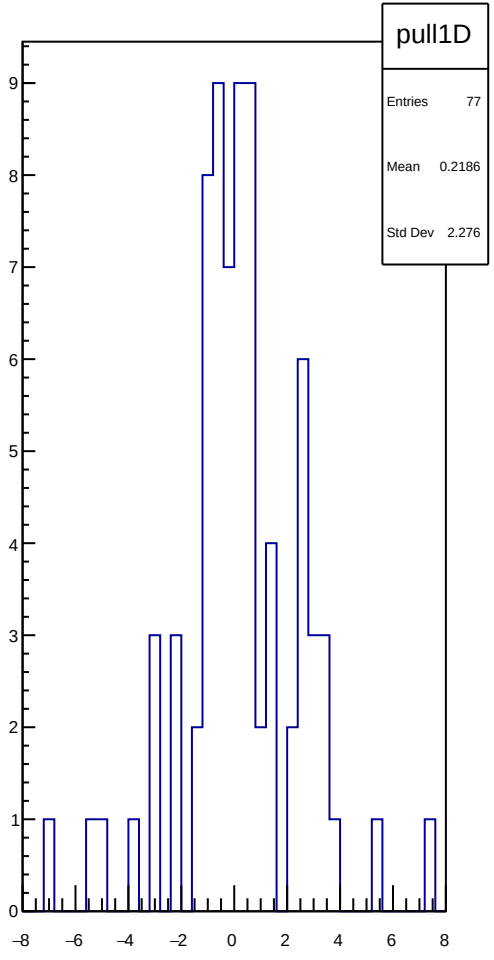

pull1D
Entries 77
Mean −0.3284
Std Dev 2.765

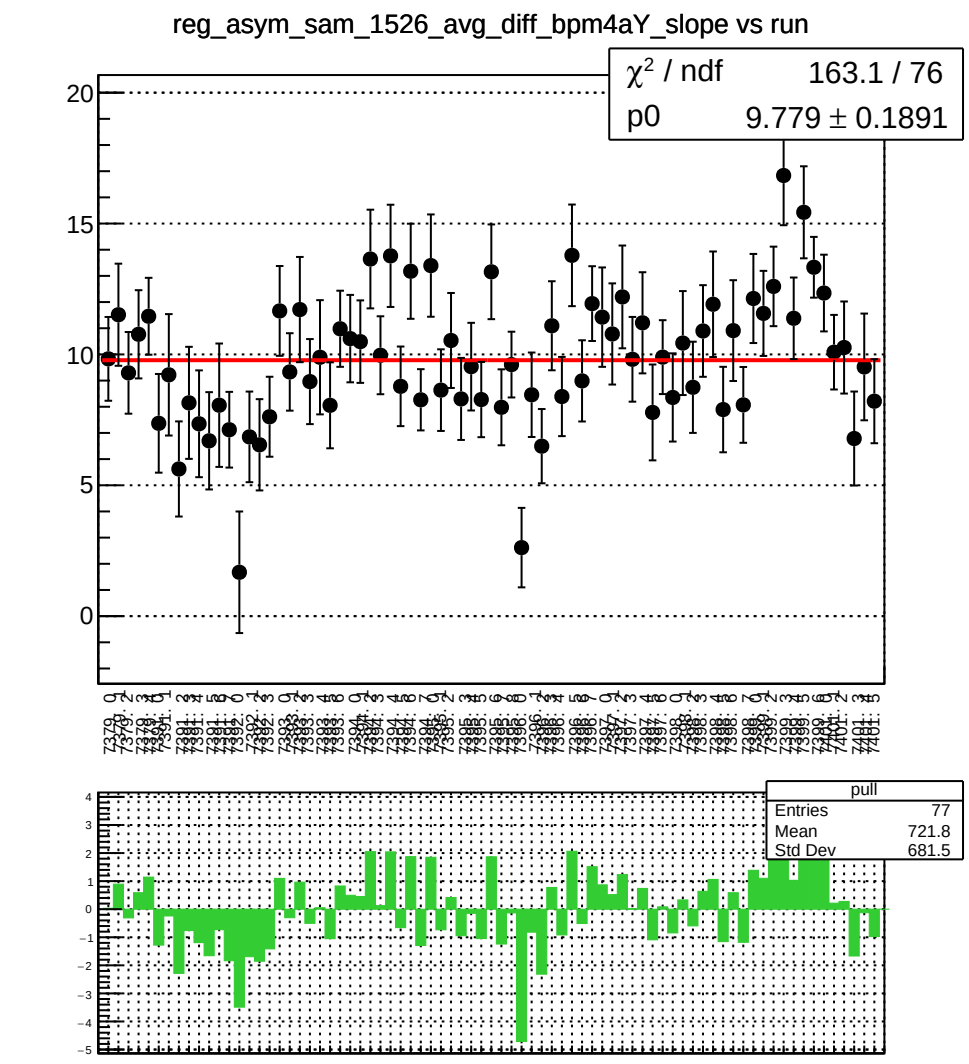

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs run
χ² / ndf 202.8 / 76
p0 40.38 ± 0.6361
pull
Entries 77
Mean −164.5
Std Dev 197.1

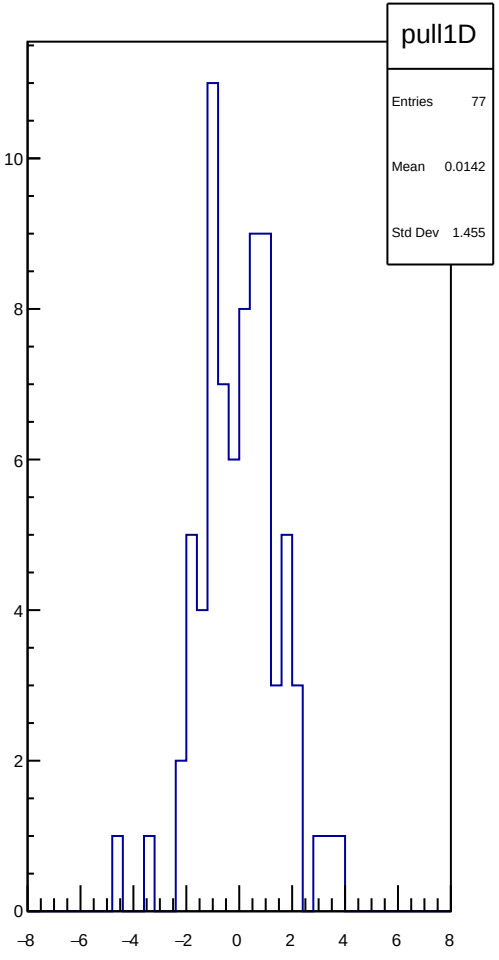

pull1D
Entries 77
Mean 0.05282
Std Dev 1.622

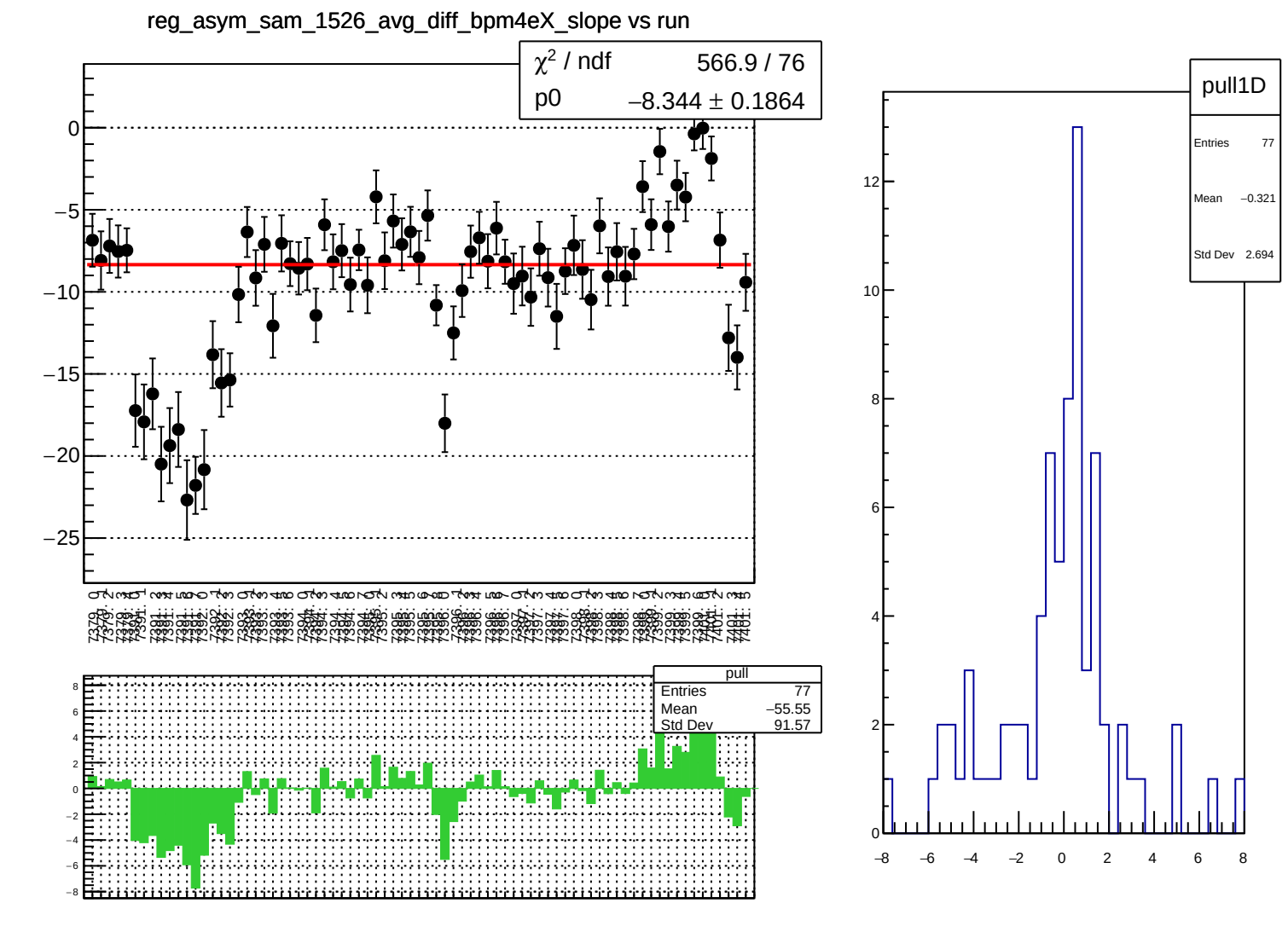

reg_asym_sam_3748_avg_diff_bpm12X_slope vs run
χ² / ndf 67.17 / 76
p0 0.6112 ± 0.02888
pull
Entries 77
Mean 3028
Std Dev 2987
pull1D
Entries 77
Mean −0.005373
Std Dev 0.934

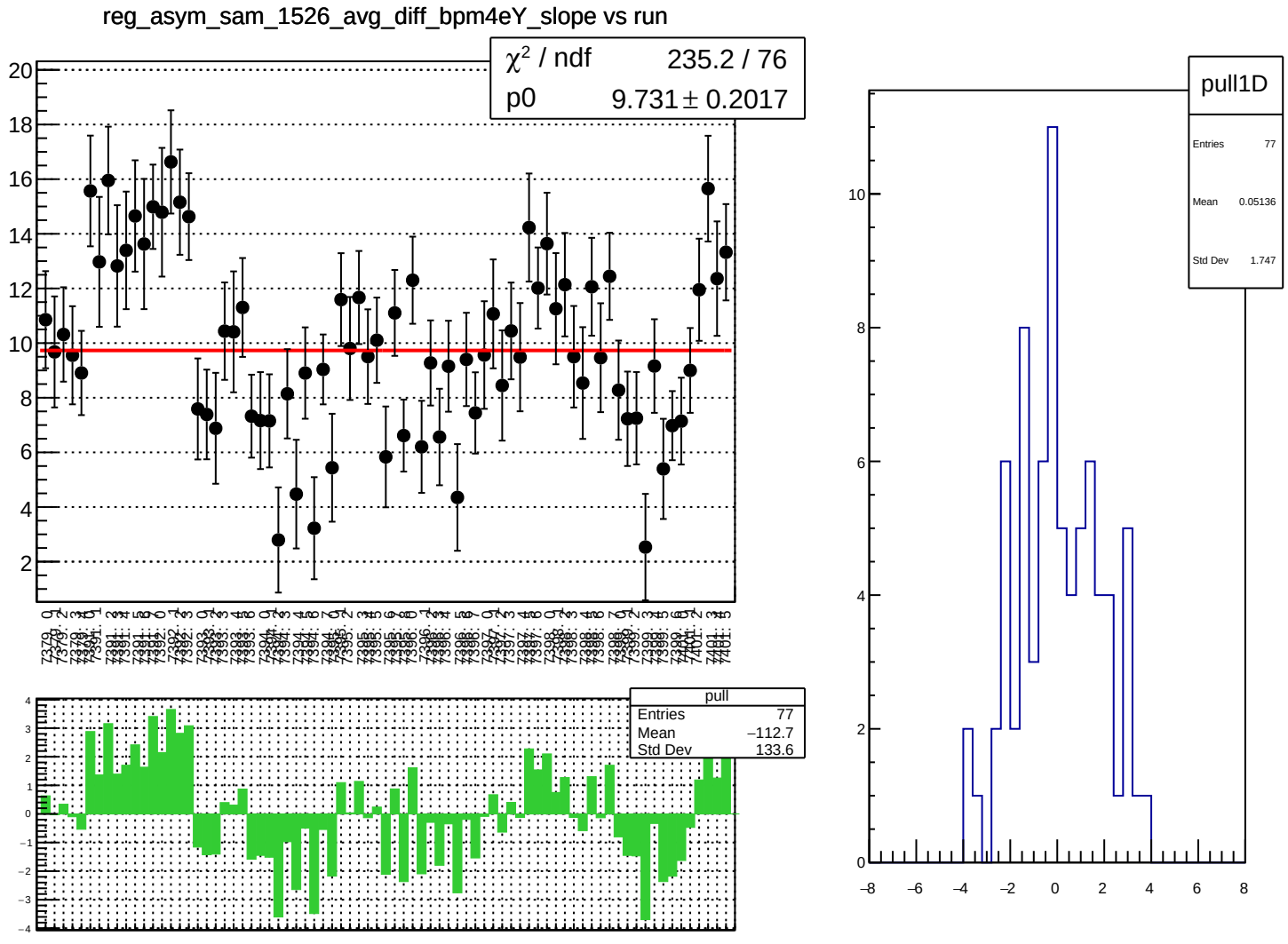

reg_asym_sam_1526_avg_diff_bpm1X_slope vs run
χ² / ndf 402.6 / 76
p0 −16.69 ± 0.1796
pull
Entries 77
Mean −83.7
Std Dev 122.5

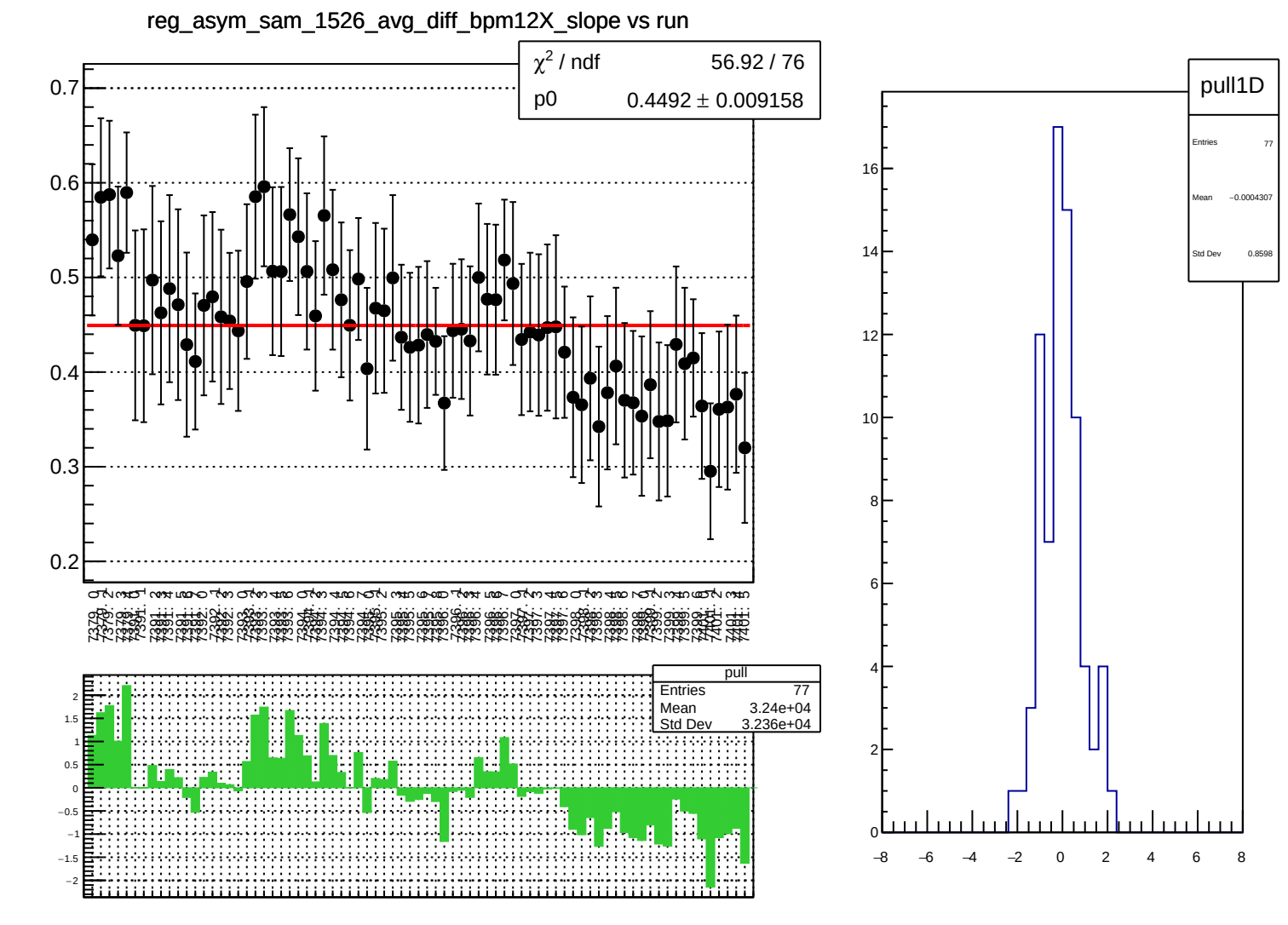

pull1D
Entries 77
Mean 0.2186
Std Dev 2.276

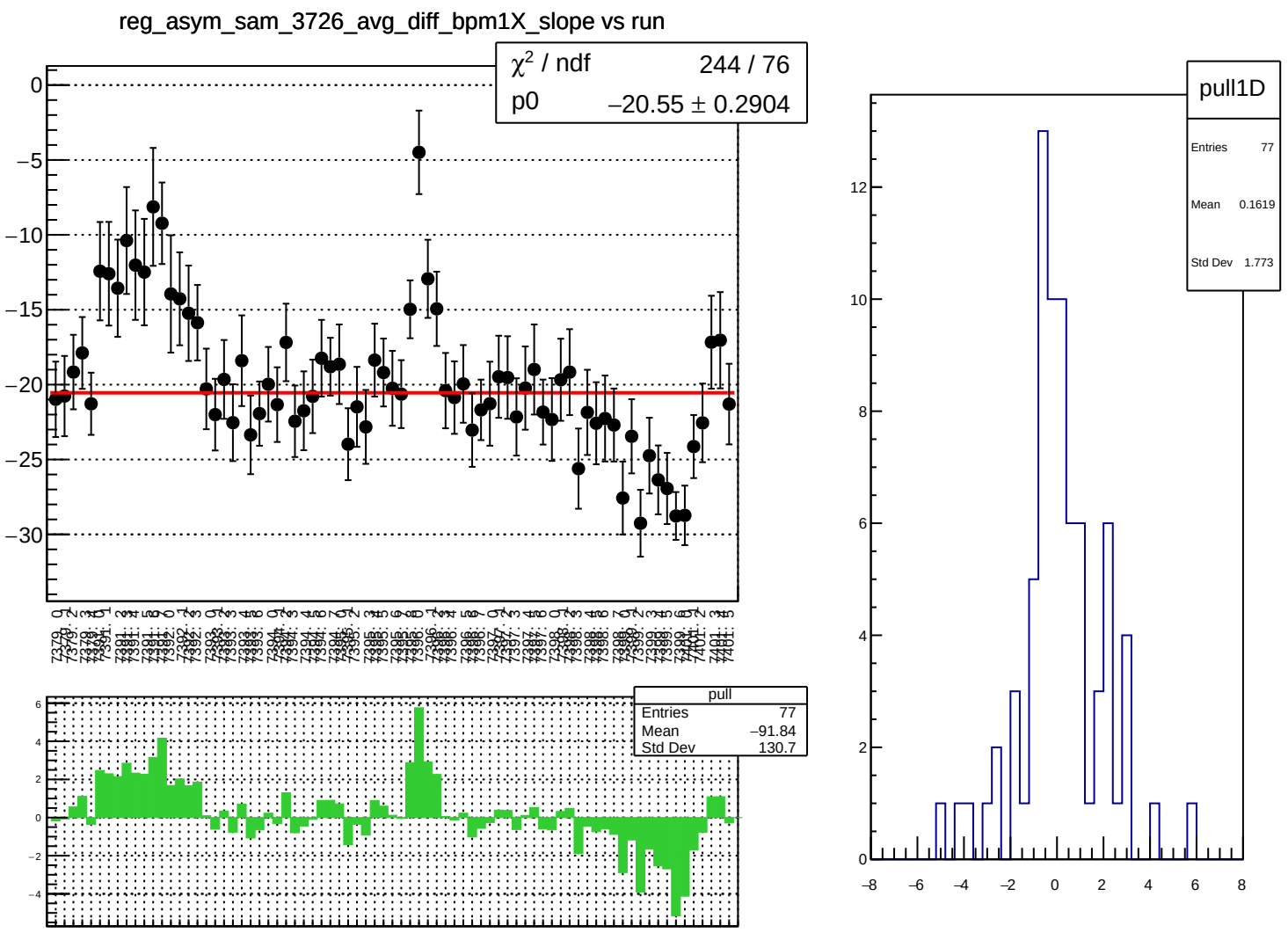

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs run
χ² / ndf 163.1 / 76
p0 9.779 ± 0.1891
pull
Entries 77
Mean 721.8
Std Dev 681.5

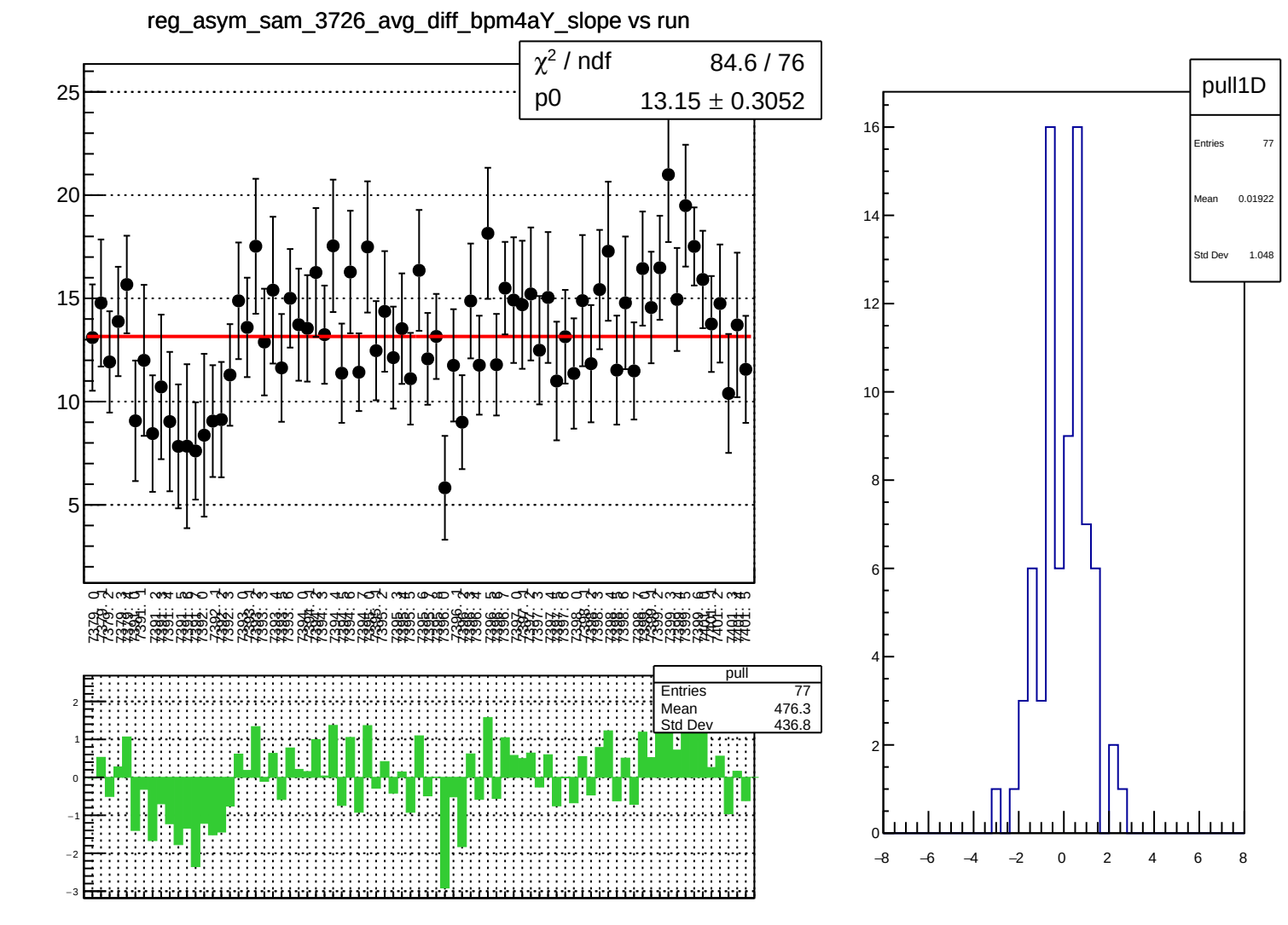

pull1D
Entries 77
Mean 0.0142
Std Dev 1.455

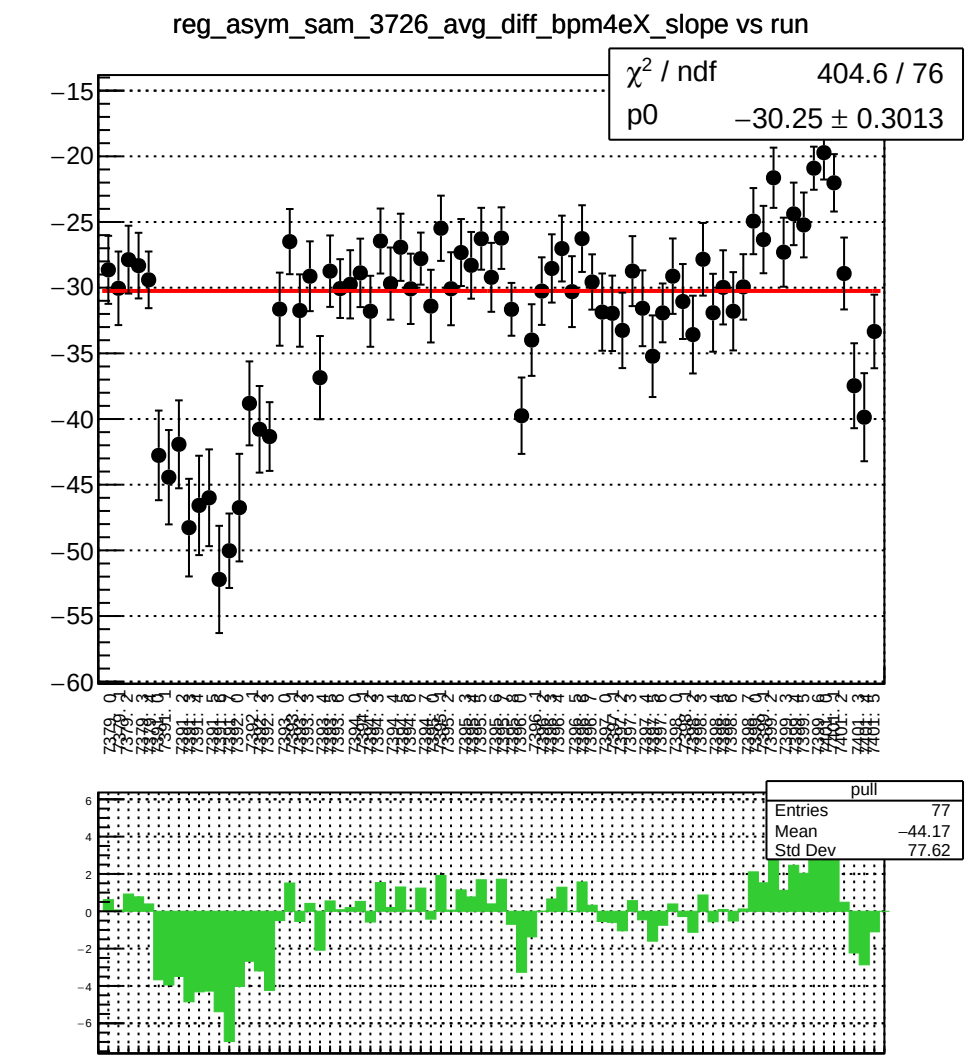

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs run
χ² / ndf 566.9 / 76
p0 −8.344 ± 0.1864
pull
Entries 77
Mean −55.55
Std Dev 91.57
pull1D
Entries 77
Mean −0.321
Std Dev 2.694

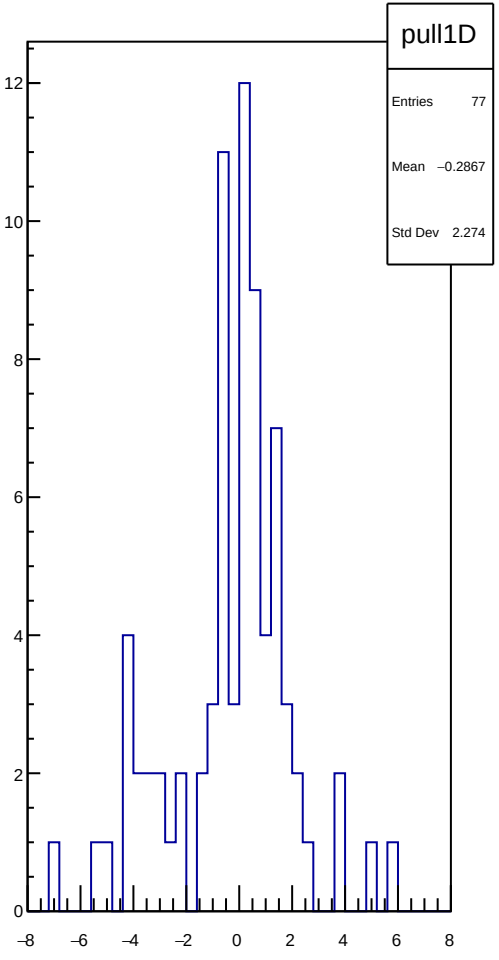

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs run
χ^2 / ndf 235.2 / 76
p0 9.731 ± 0.2017
pull
Entries 77
Mean −112.7
Std Dev 133.6
pull1D
Entries 77
Mean 0.05136
Std Dev 1.747

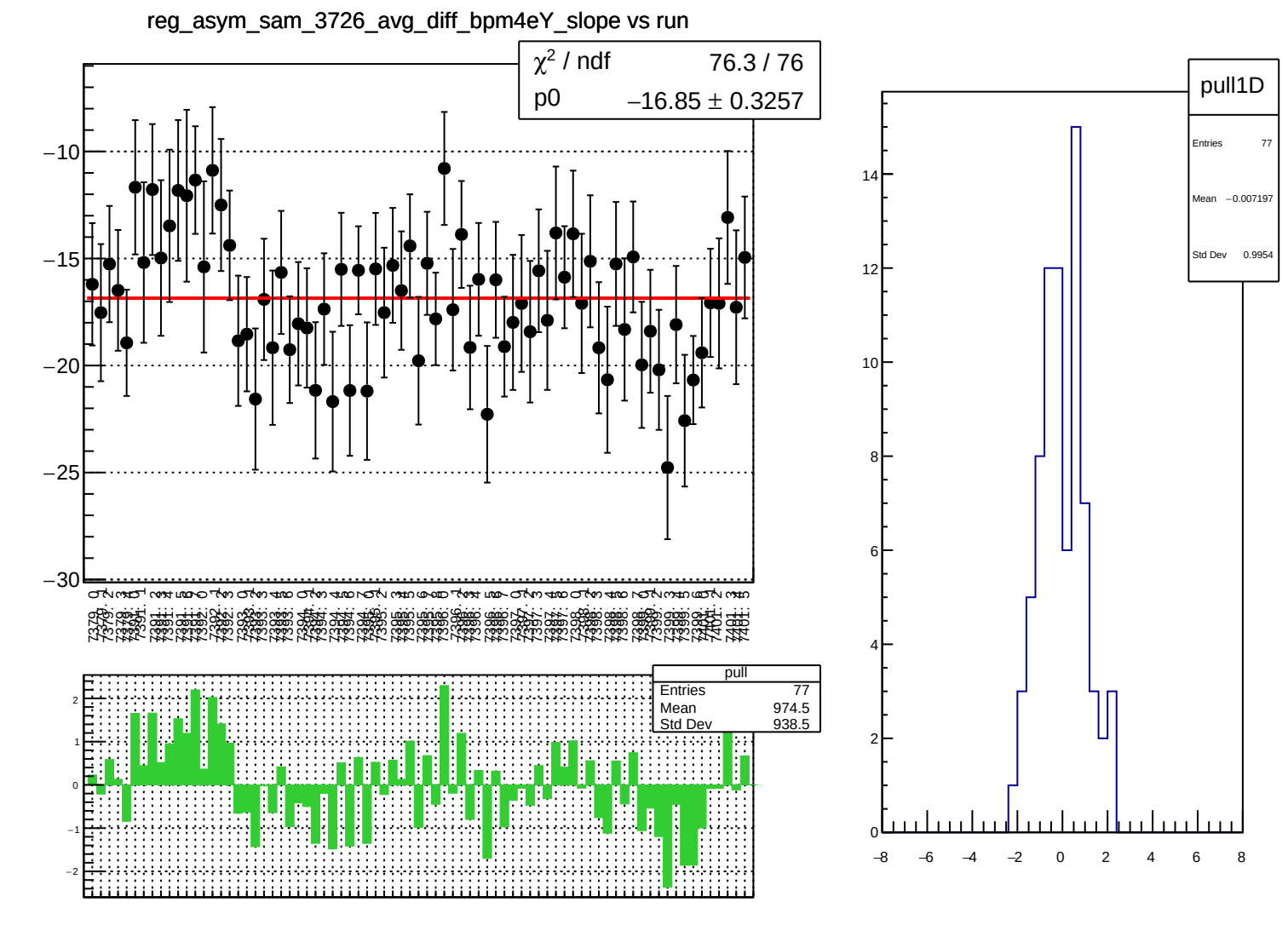

reg_asym_sam_1526_avg_diff_bpm12X_slope vs run
χ² / ndf 56.92 / 76
p0 0.4492 ± 0.009158
pull
Entries 77
Mean 3.24e+04
Std Dev 3.236e+04
pull1D
Entries 77
Mean −0.0004307
Std Dev 0.8598

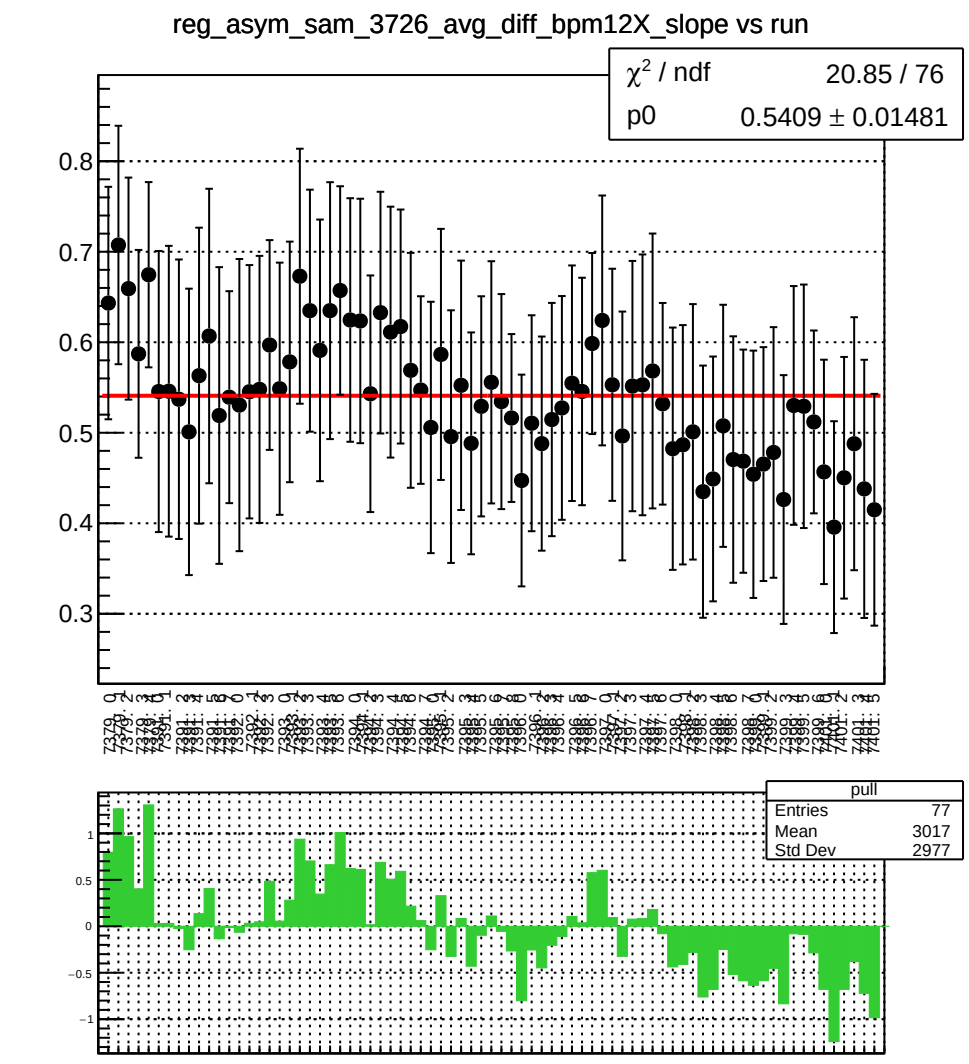

reg_asym_sam_3726_avg_diff_bpm1X_slope vs run
χ² / ndf 244 / 76
p0 −20.55 ± 0.2904
pull
Entries 77
Mean −91.84
Std Dev 130.7
pull1D
Entries 77
Mean 0.1619
Std Dev 1.773

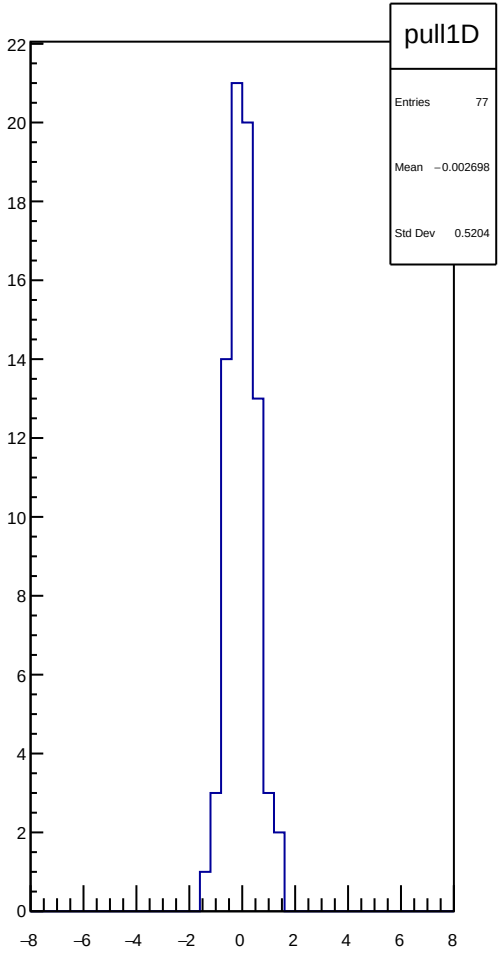

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs run
χ² / ndf 84.6 / 76
p0 13.15 ± 0.3052
pull
Entries 77
Mean 476.3
Std Dev 436.8
pull1D
Entries 77
Mean 0.01922
Std Dev 1.048

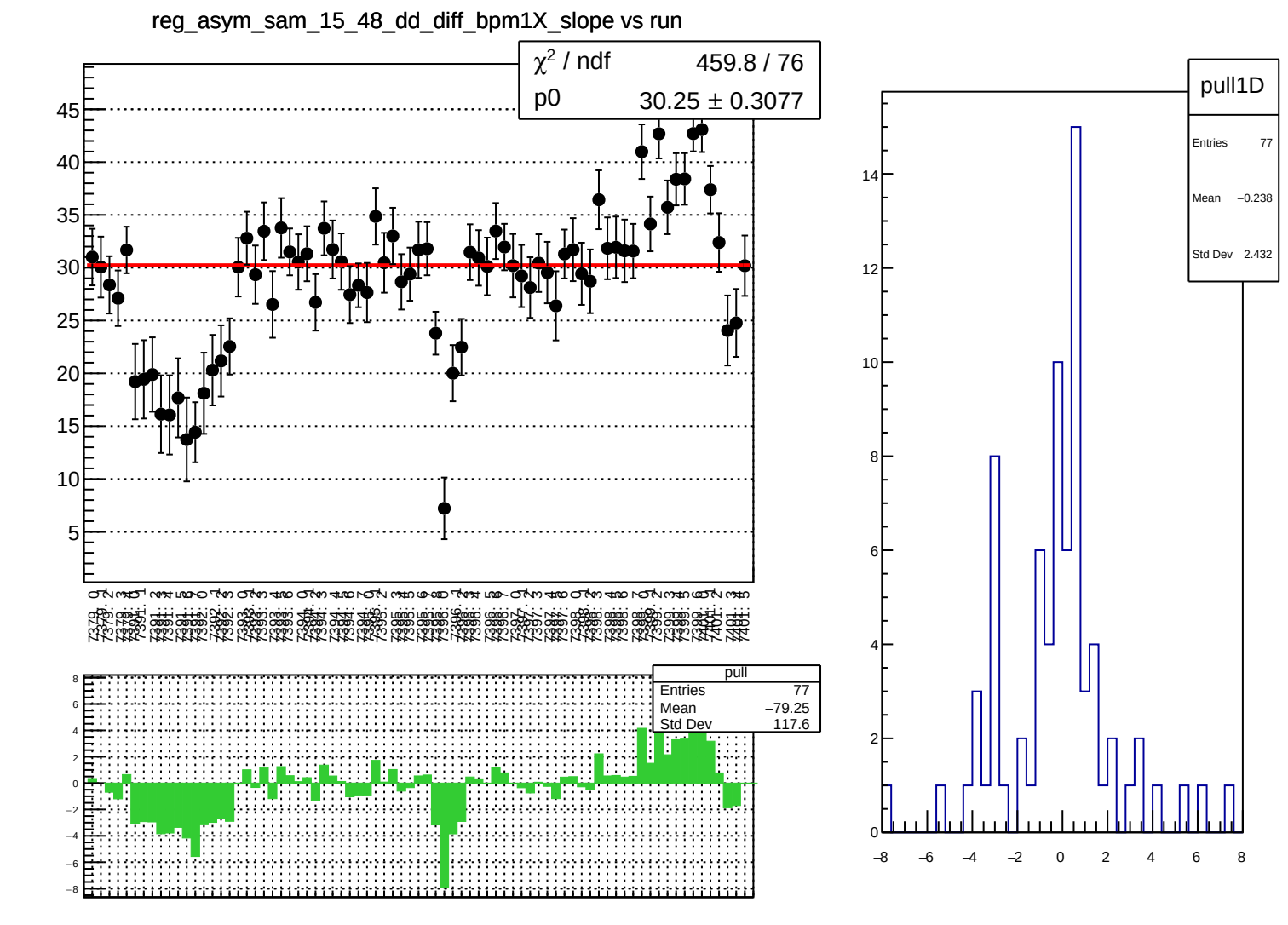

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs run
χ² / ndf 404.6 / 76
p0 −30.25 ± 0.3013
pull
Entries 77
Mean −44.17
Std Dev 77.62

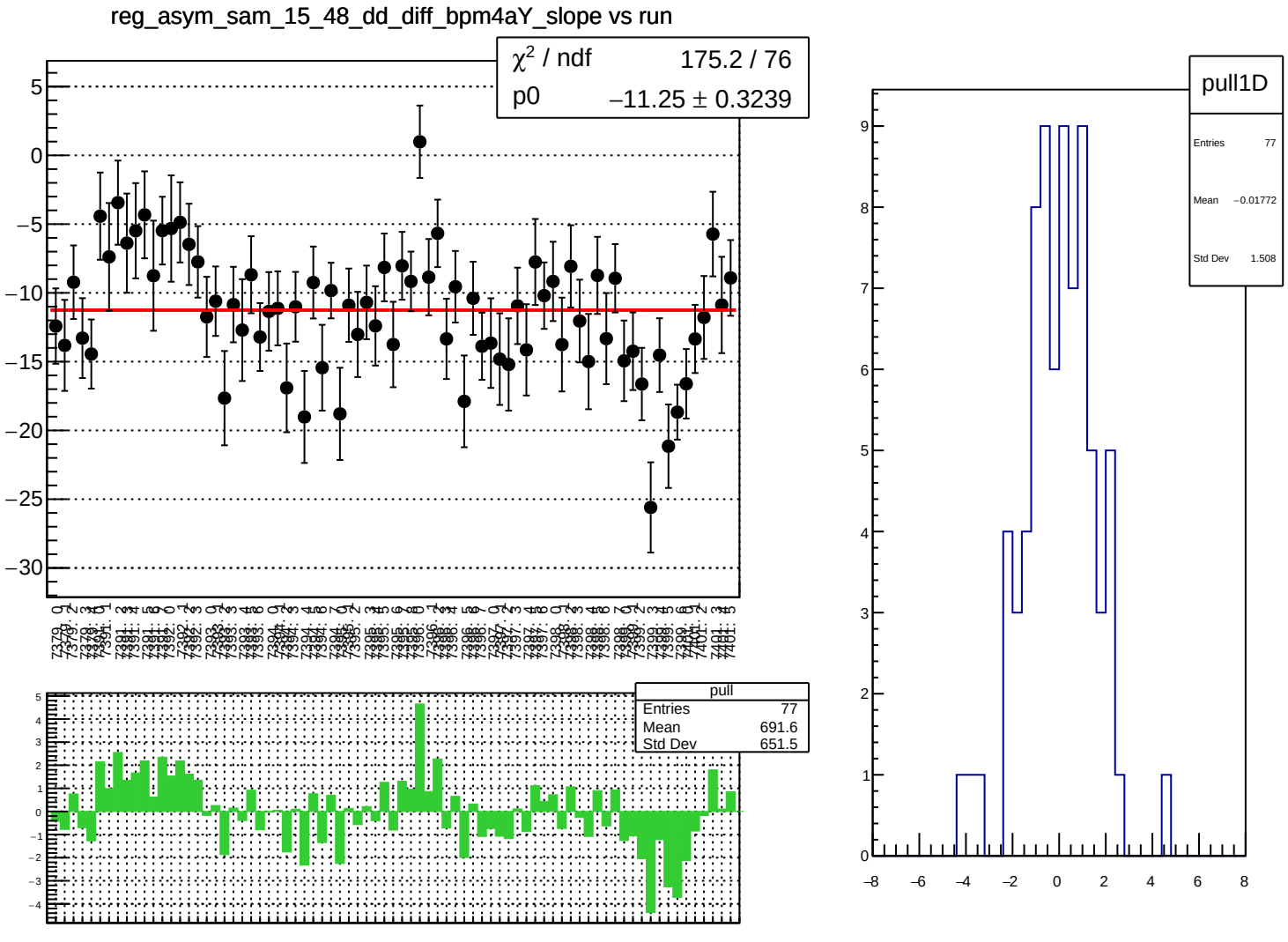

pull1D
Entries 77
Mean −0.2867
Std Dev 2.274

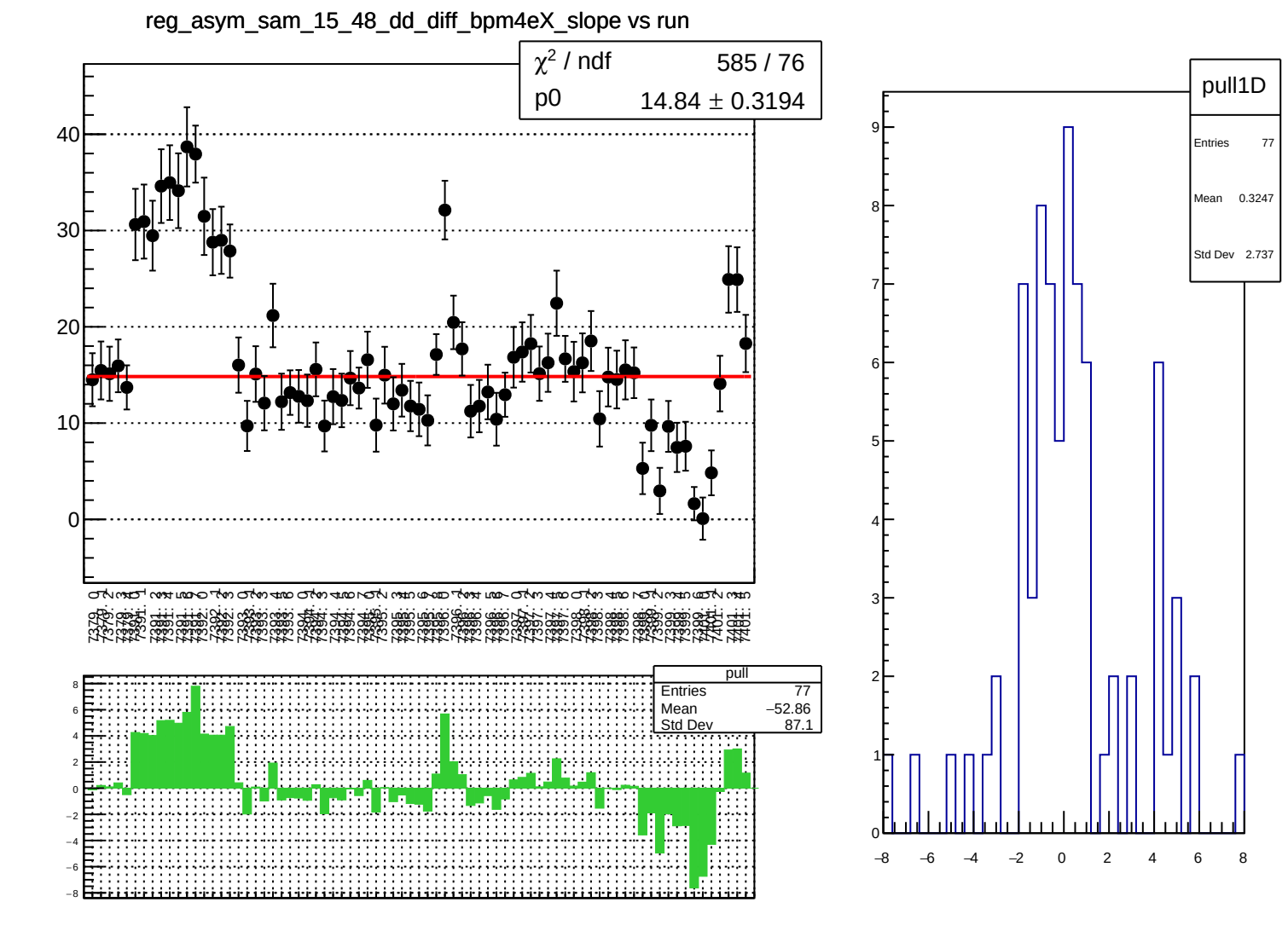

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs run
χ² / ndf 76.3 / 76
p0 −16.85 ± 0.3257
pull
Entries 77
Mean 974.5
Std Dev 938.5
pull1D
Entries 77
Mean −0.007197
Std Dev 0.9954

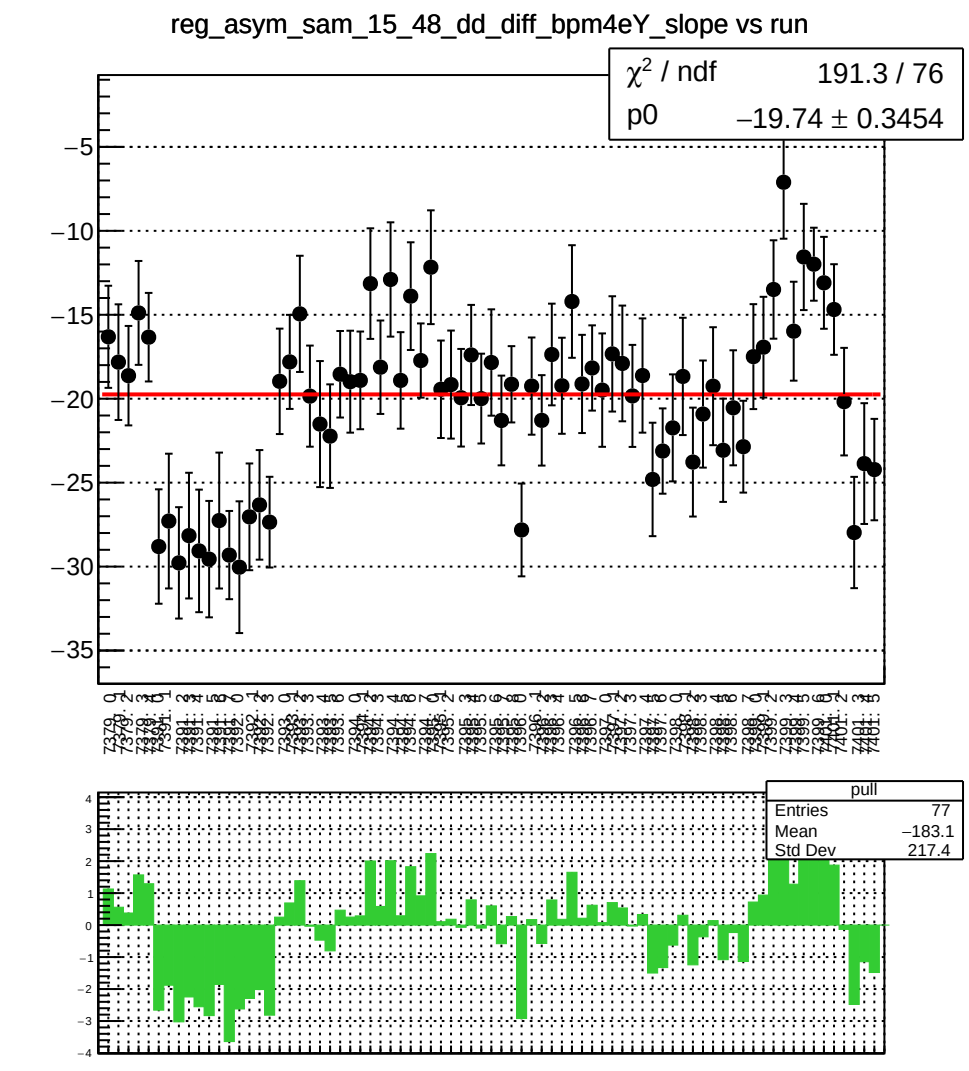

reg_asym_sam_3726_avg_diff_bpm12X_slope vs run
χ² / ndf 20.85 / 76
p0 0.5409 ± 0.01481
pull
Entries 77
Mean 3017
Std Dev 2977

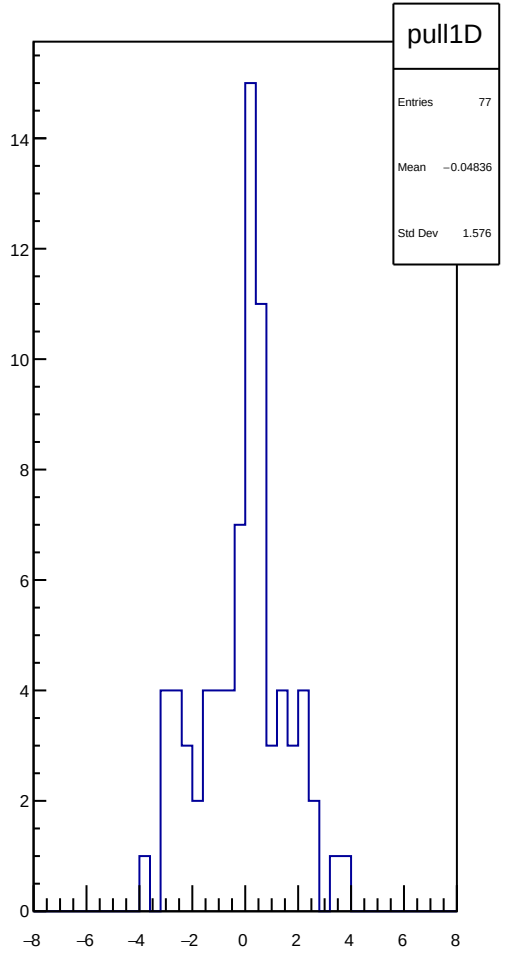

pull1D
Entries 77
Mean −0.002698
Std Dev 0.5204

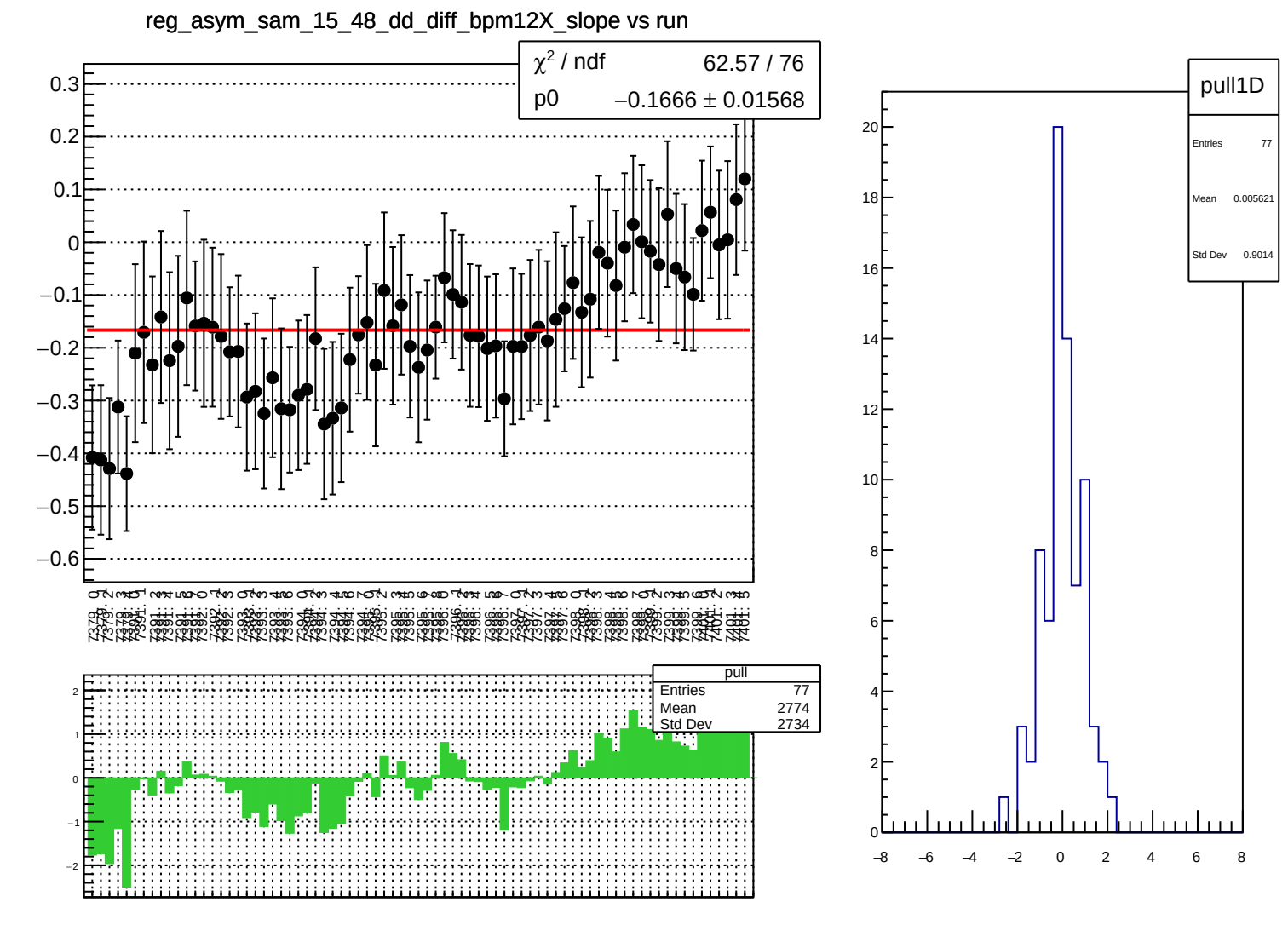

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs run
χ² / ndf 459.8 / 76
p0 30.25 ± 0.3077
pull
Entries 77
Mean −79.25
Std Dev 117.6
pull1D
Entries 77
Mean −0.238
Std Dev 2.432

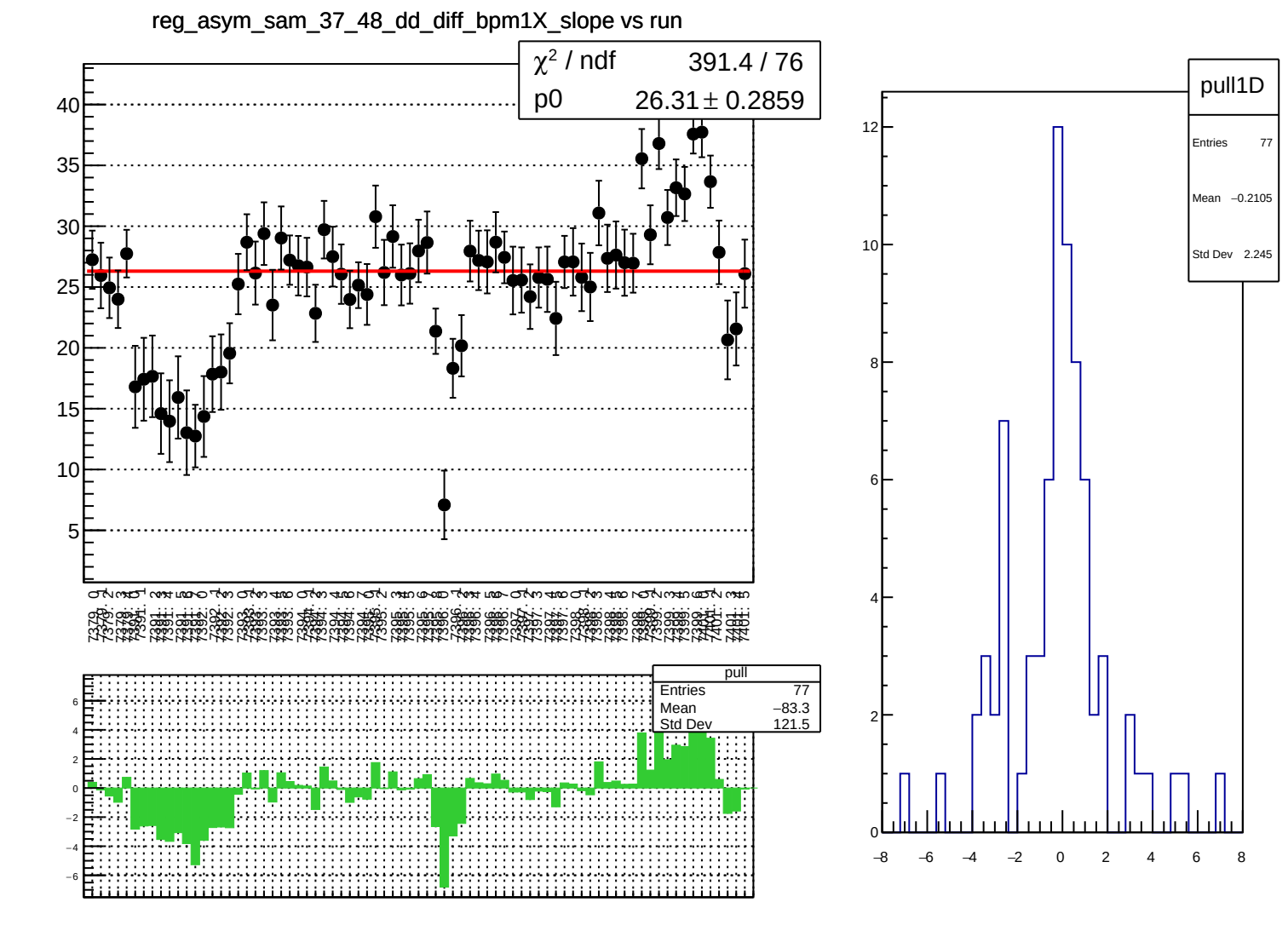

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 175.2 / 76
p0 −11.25 ± 0.3239
pull
Entries 77
Mean 691.6
Std Dev 651.5
pull1D
Entries 77
Mean −0.01772
Std Dev 1.508

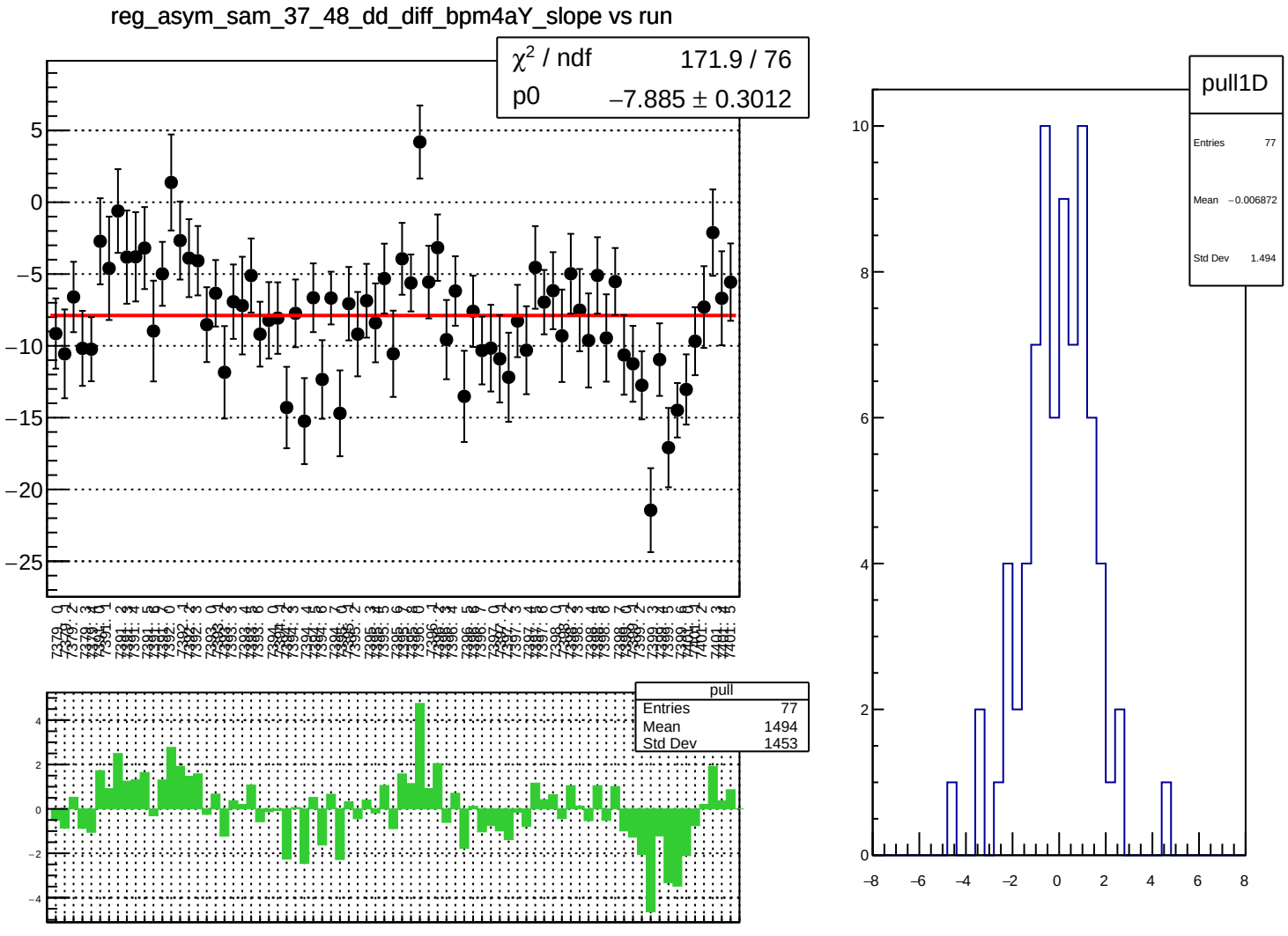

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 585 / 76
p0 14.84 ± 0.3194
pull
Entries 77
Mean −52.86
Std Dev 87.1
pull1D
Entries 77
Mean 0.3247
Std Dev 2.737

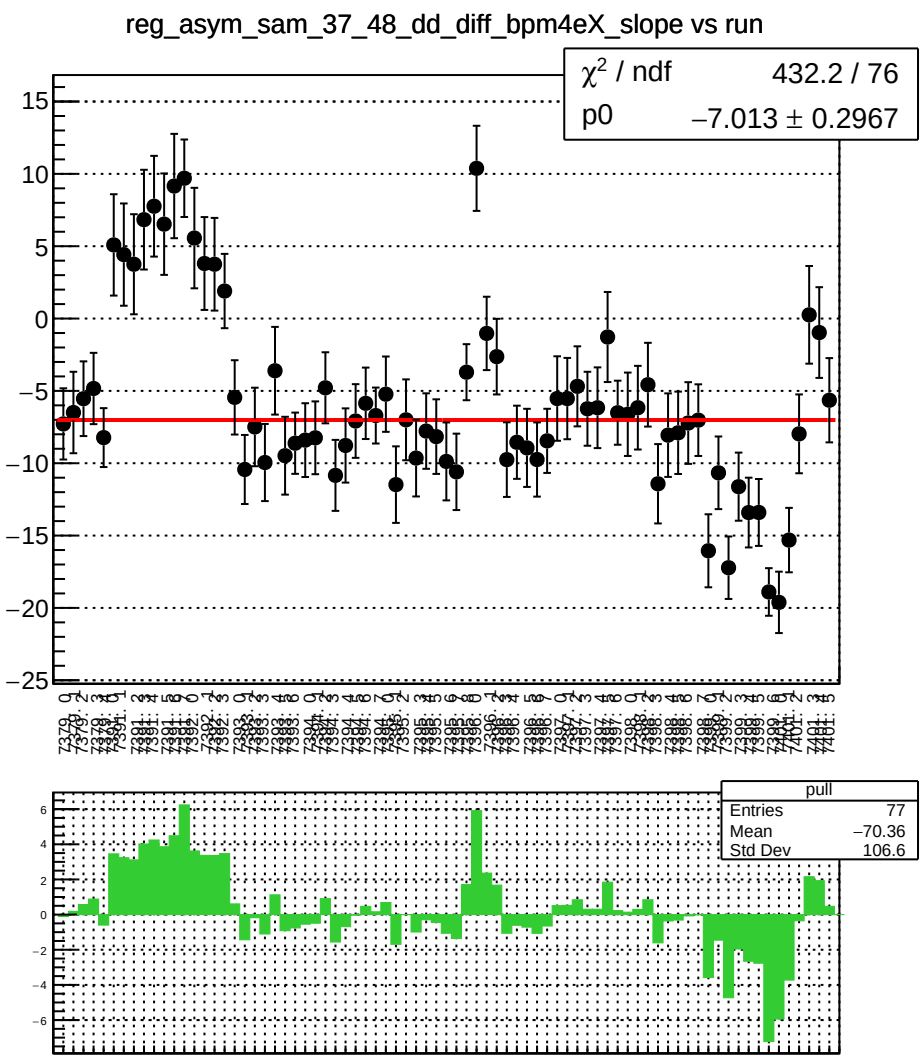

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 191.3 / 76
p0 −19.74 ± 0.3454
pull
Entries 77
Mean −183.1
Std Dev 217.4

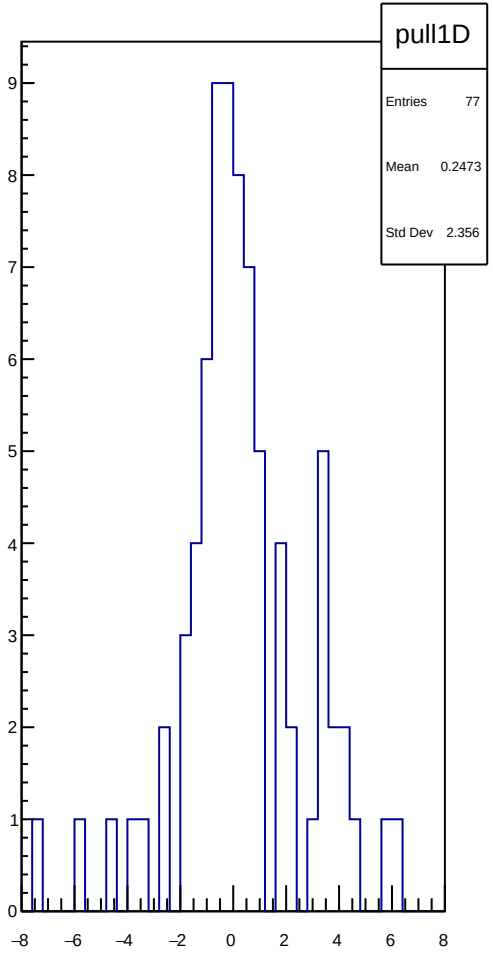

pull1D
Entries 77
Mean −0.04836
Std Dev 1.576

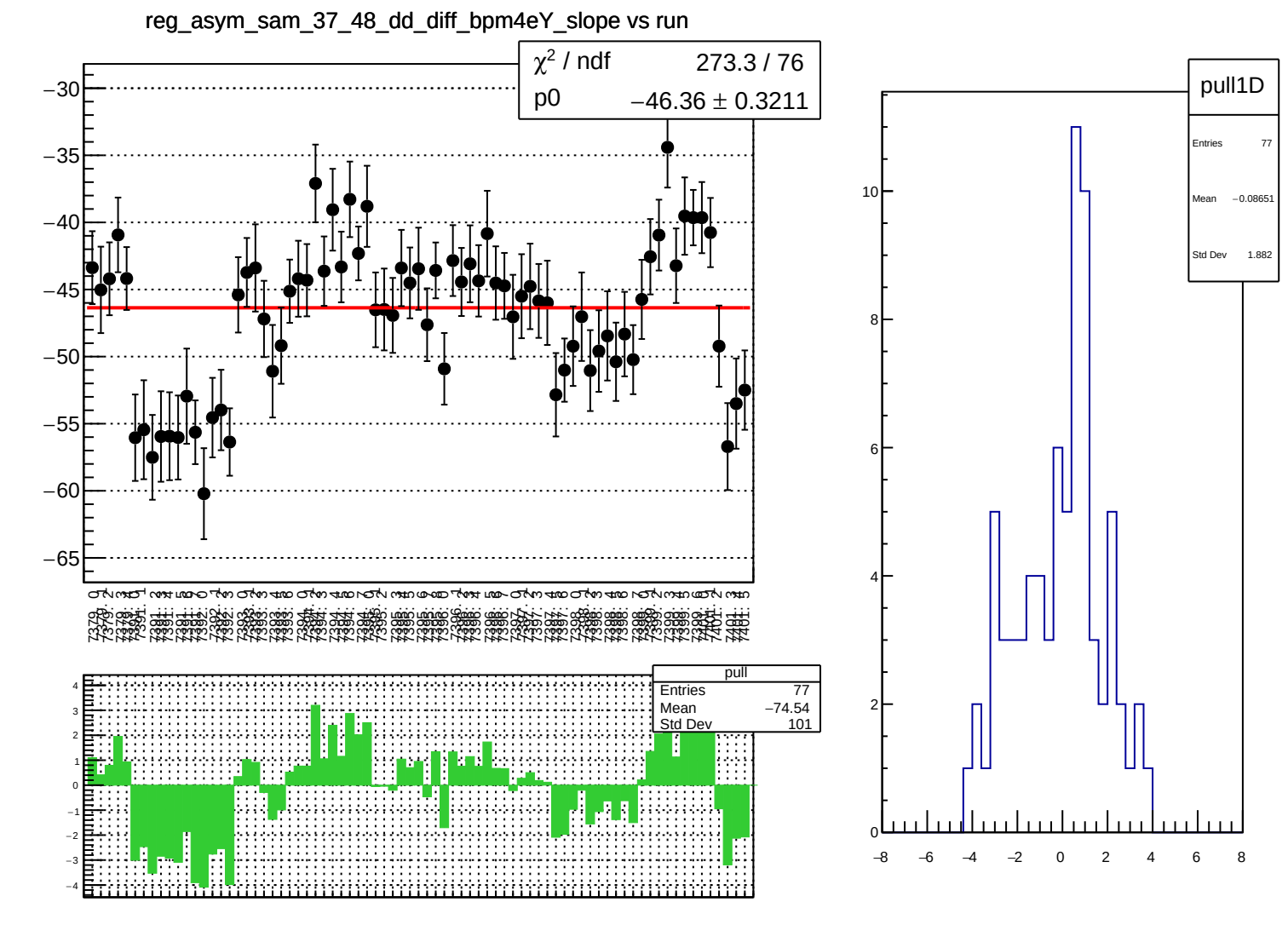

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs run
χ² / ndf 62.57 / 76
p0 −0.1666 ± 0.01568
pull
Entries 77
Mean 2774
Std Dev 2734
pull1D
Entries 77
Mean 0.005621
Std Dev 0.9014

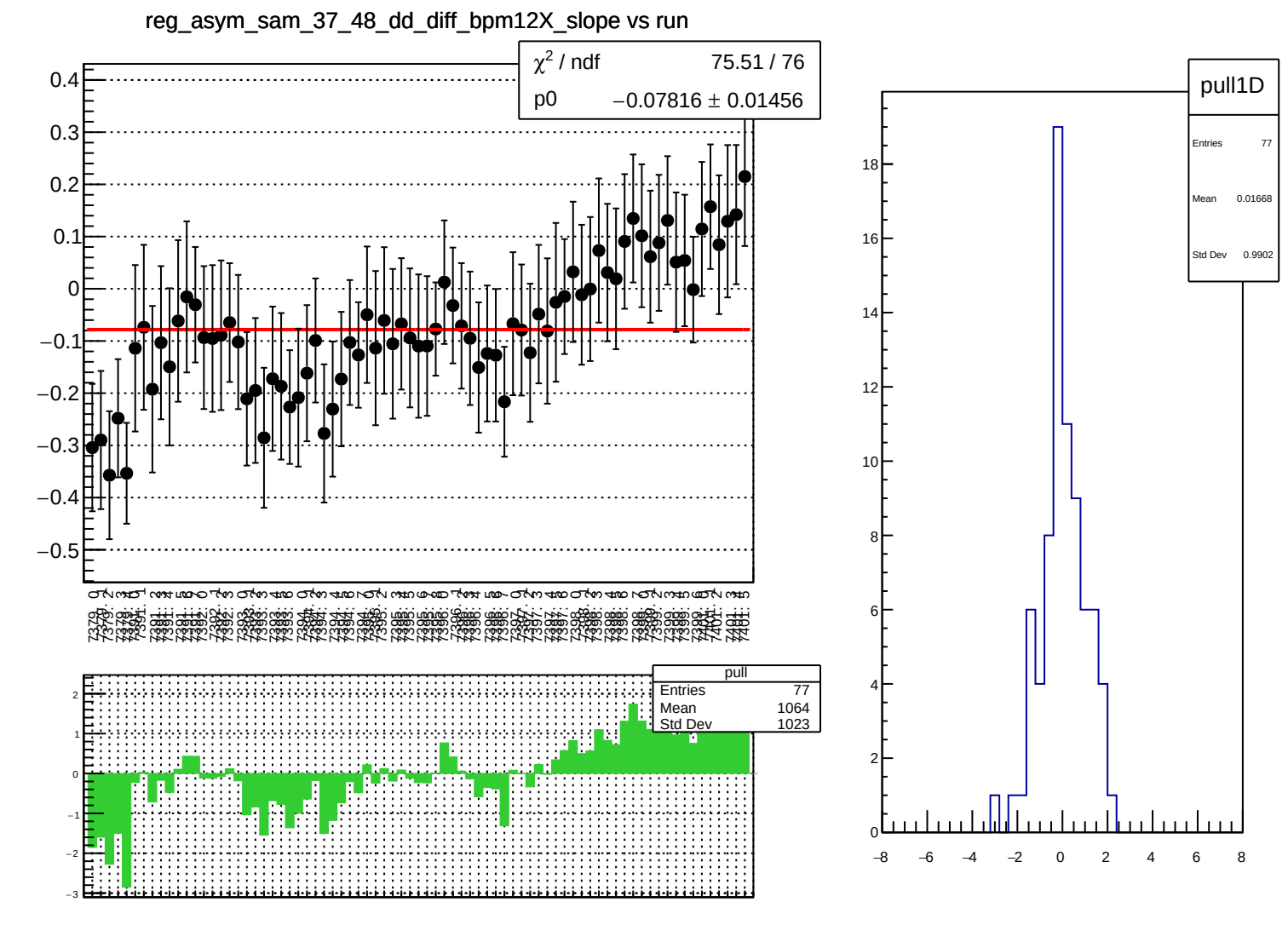

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs run
χ² / ndf 391.4 / 76
p0 26.31 ± 0.2859
pull
Entries 77
Mean −83.3
Std Dev 121.5
pull1D
Entries 77
Mean −0.2105
Std Dev 2.245

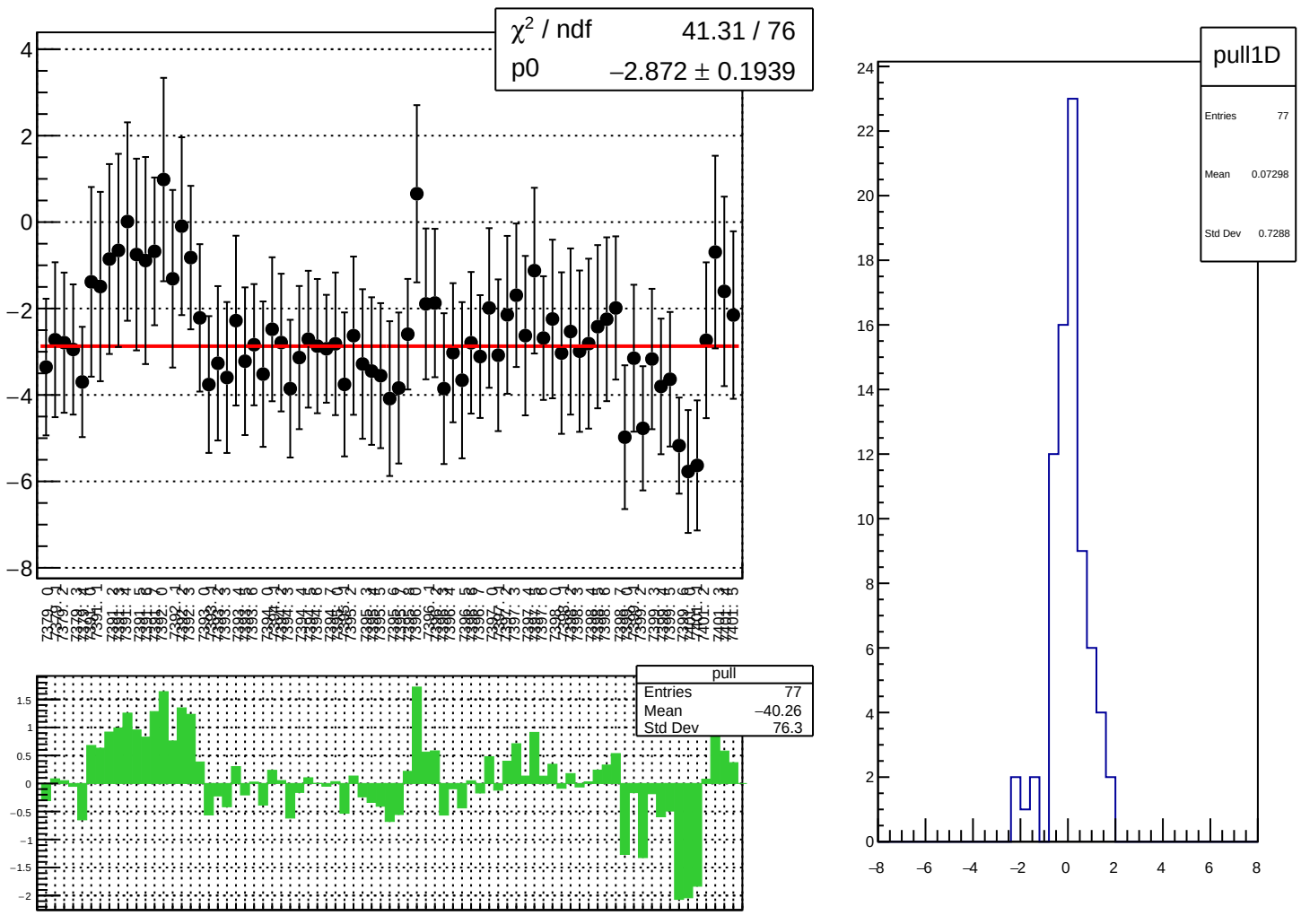

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 171.9 / 76
p0 −7.885 ± 0.3012
pull
Entries 77
Mean 1494
Std Dev 1453
pull1D
Entries 77
Mean −0.006872
Std Dev 1.494

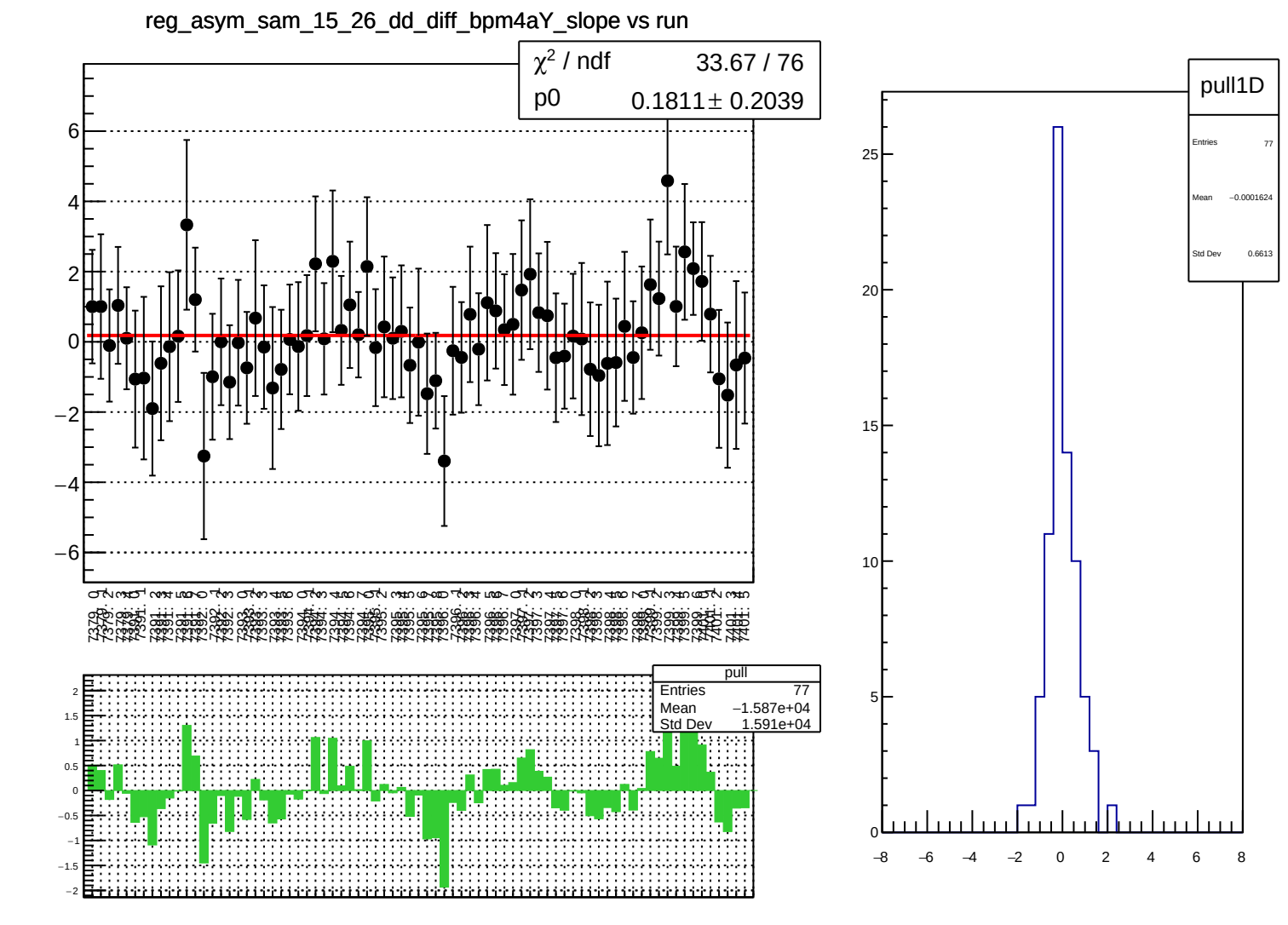

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 432.2 / 76
p0 −7.013 ± 0.2967
pull
Entries 77
Mean −70.36
Std Dev 106.6

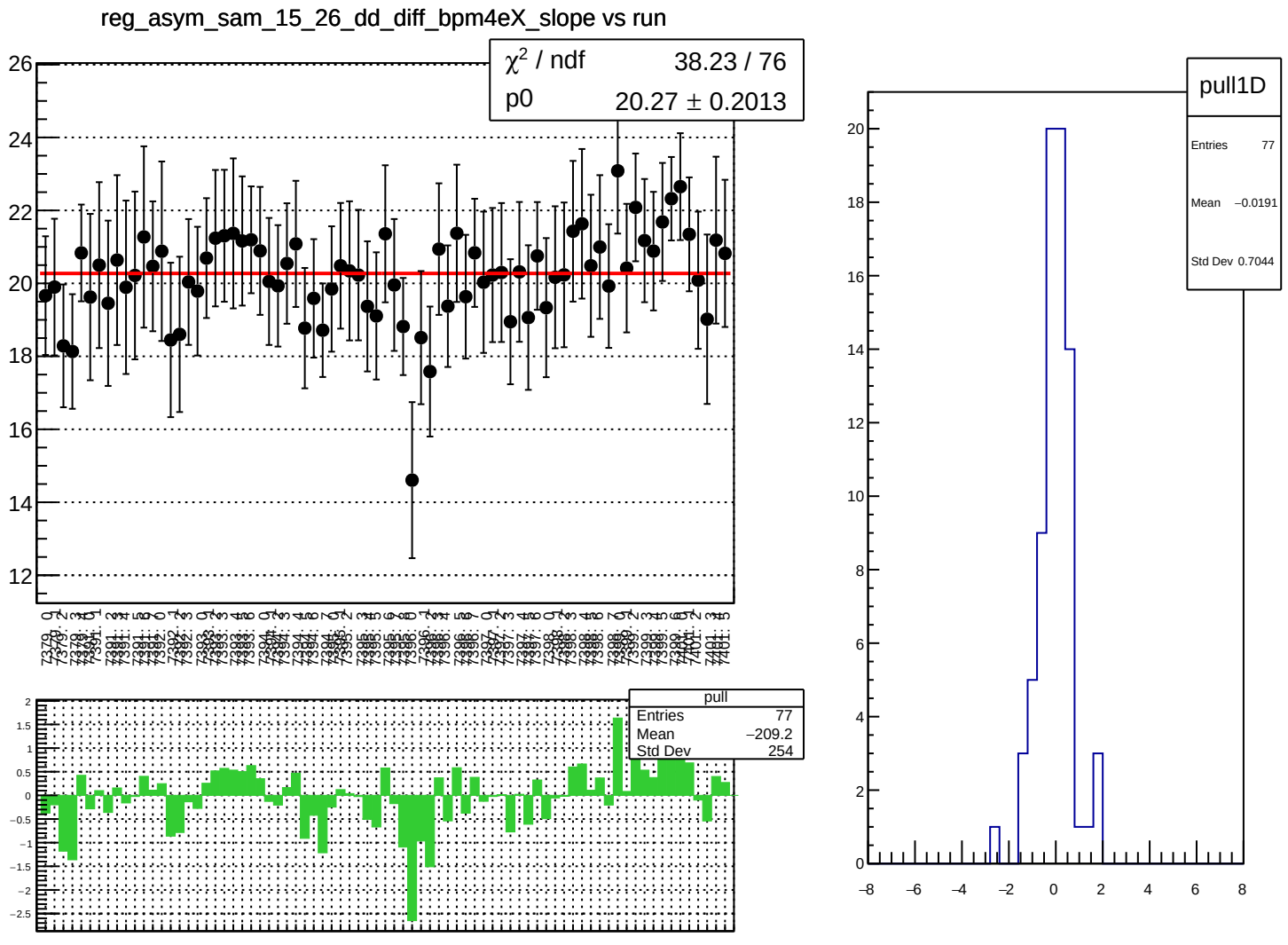

pull1D
Entries 77
Mean 0.2473
Std Dev 2.356

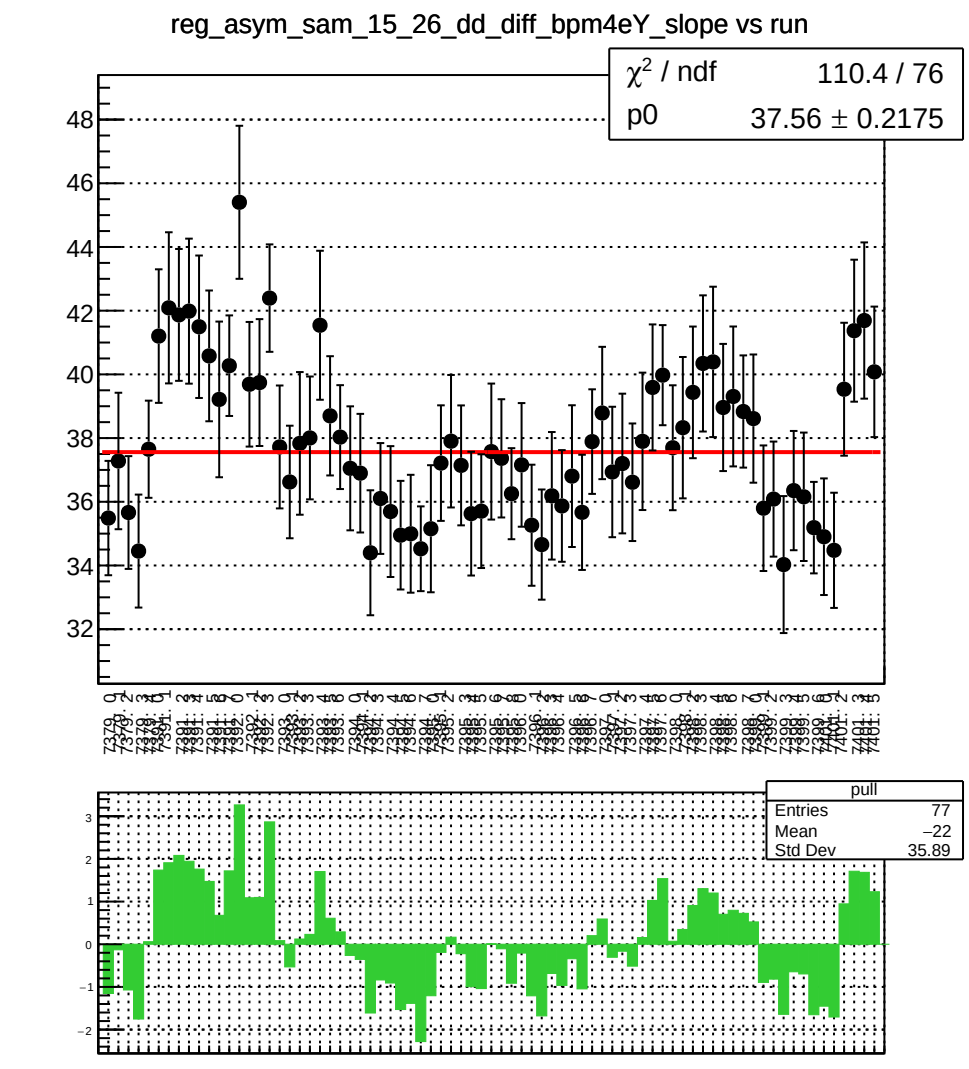

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 273.3 / 76
p0 −46.36 ± 0.3211
pull
Entries 77
Mean −74.54
Std Dev 101
pull1D
Entries 77
Mean −0.08651
Std Dev 1.882

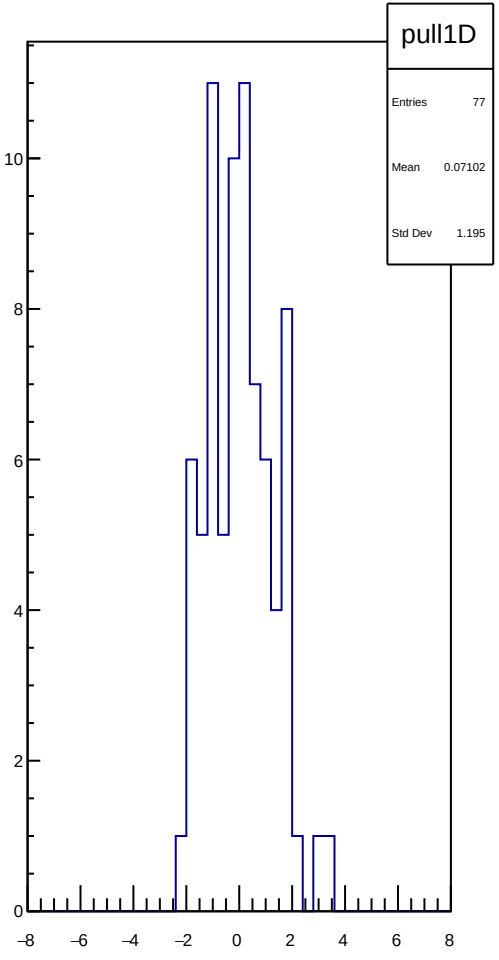

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs run
χ² / ndf 75.51 / 76
p0 −0.07816 ± 0.01456
pull
Entries 77
Mean 1064
Std Dev 1023
pull1D
Entries 77
Mean 0.01668
Std Dev 0.9902

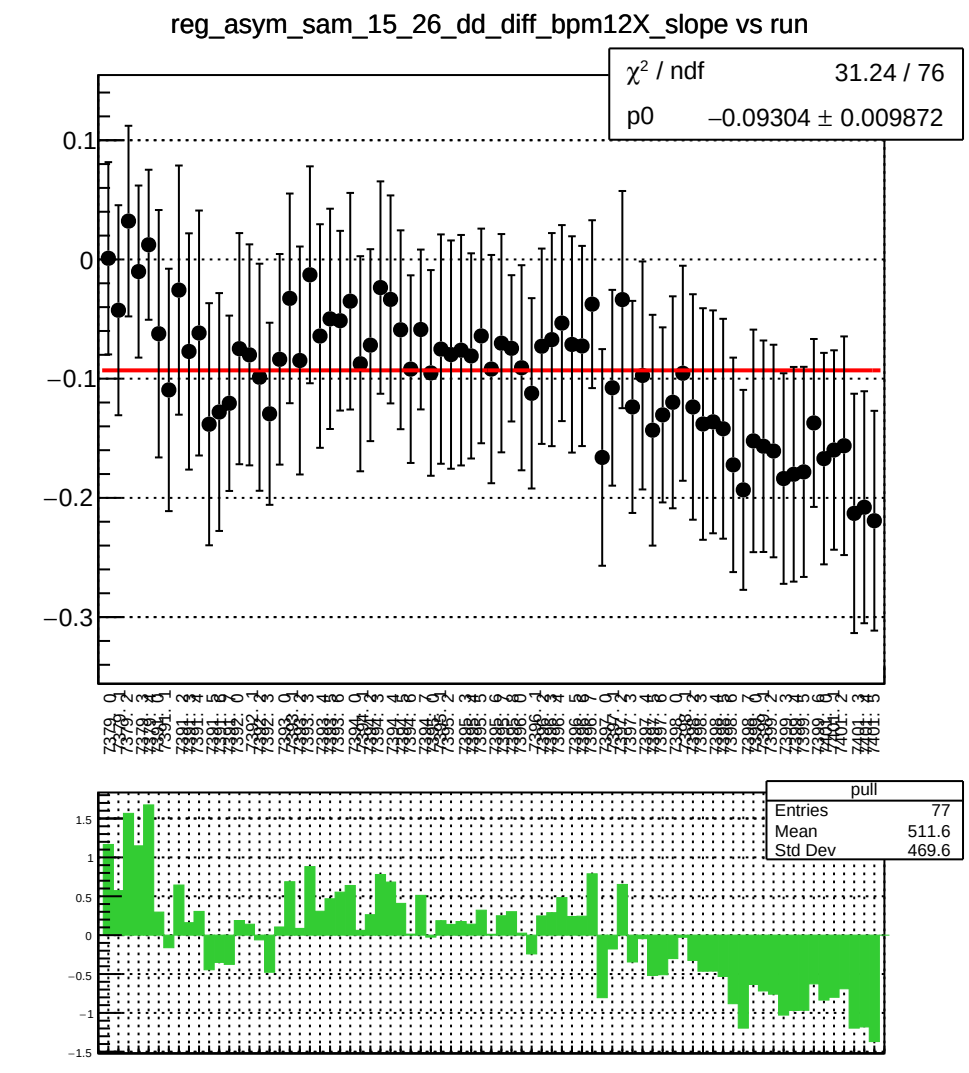

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs run
χ² / ndf 41.31 / 76
p0 −2.872 ± 0.1939
pull
Entries 77
Mean −40.26
Std Dev 76.3
pull1D
Entries 77
Mean 0.07298
Std Dev 0.7288

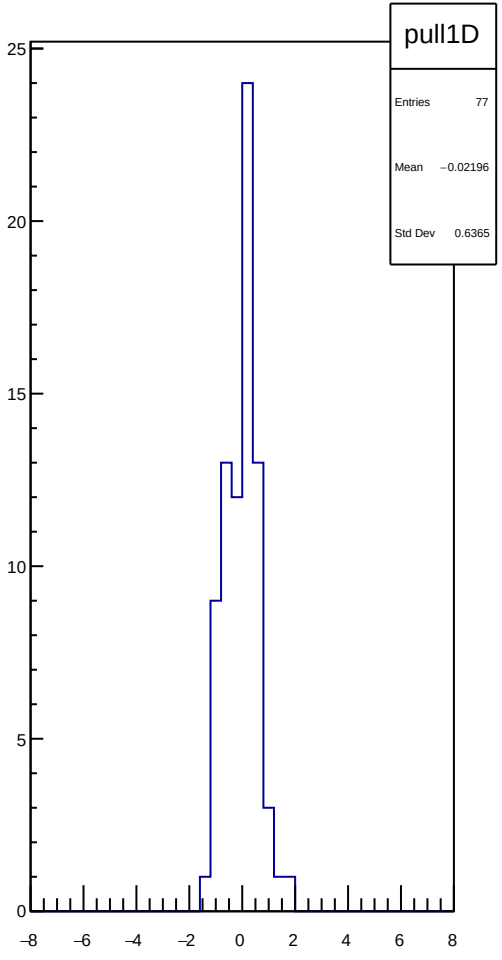

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 33.67 / 76
p0 0.1811 ± 0.2039
pull
Entries 77
Mean −1.587e+04
Std Dev 1.591e+04
pull1D
Entries 77
Mean −0.0001624
Std Dev 0.6613

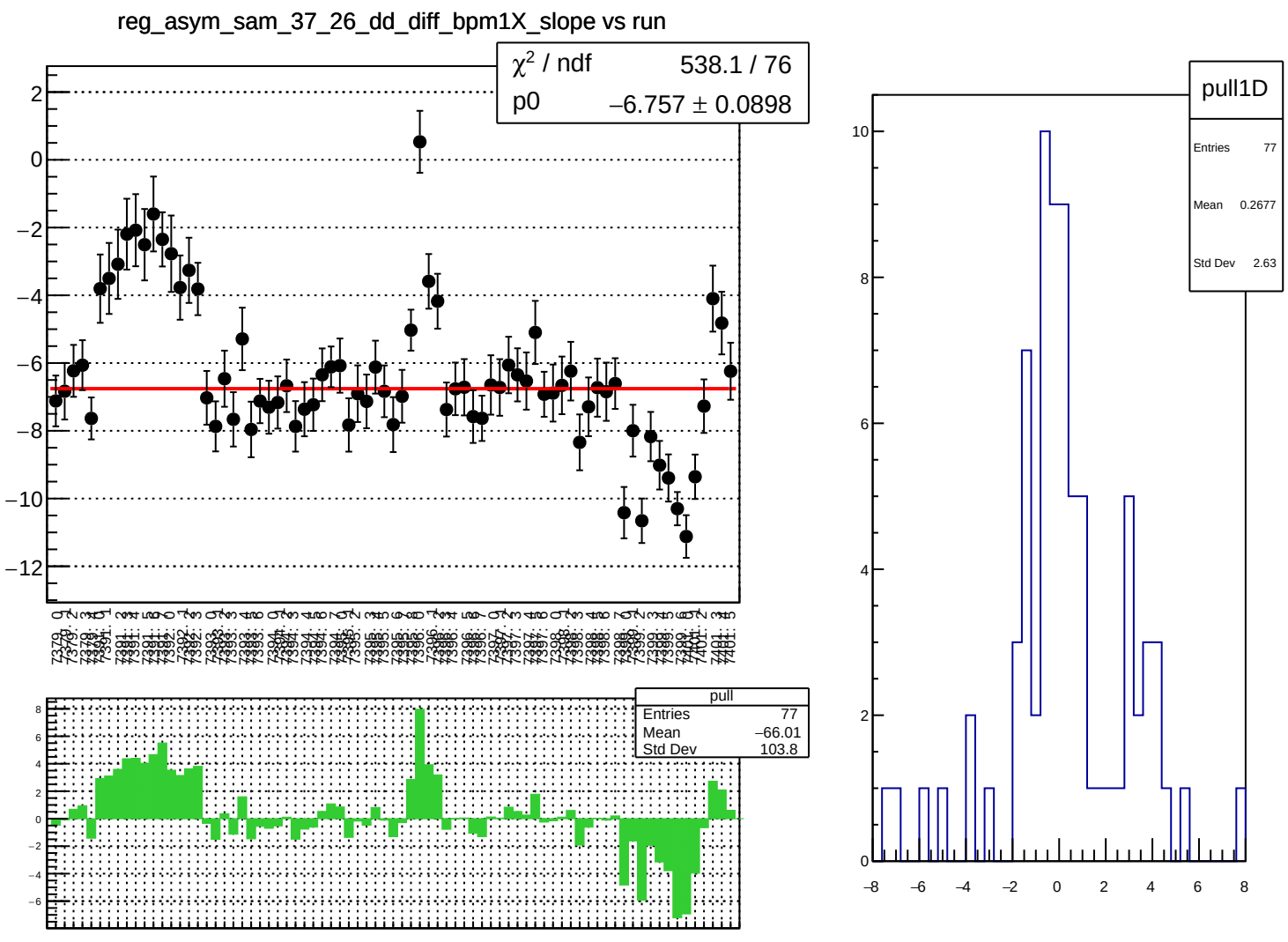

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 38.23 / 76
p0 20.27 ± 0.2013
pull
Entries 77
Mean −209.2
Std Dev 254
pull1D
Entries 77
Mean −0.0191
Std Dev 0.7044

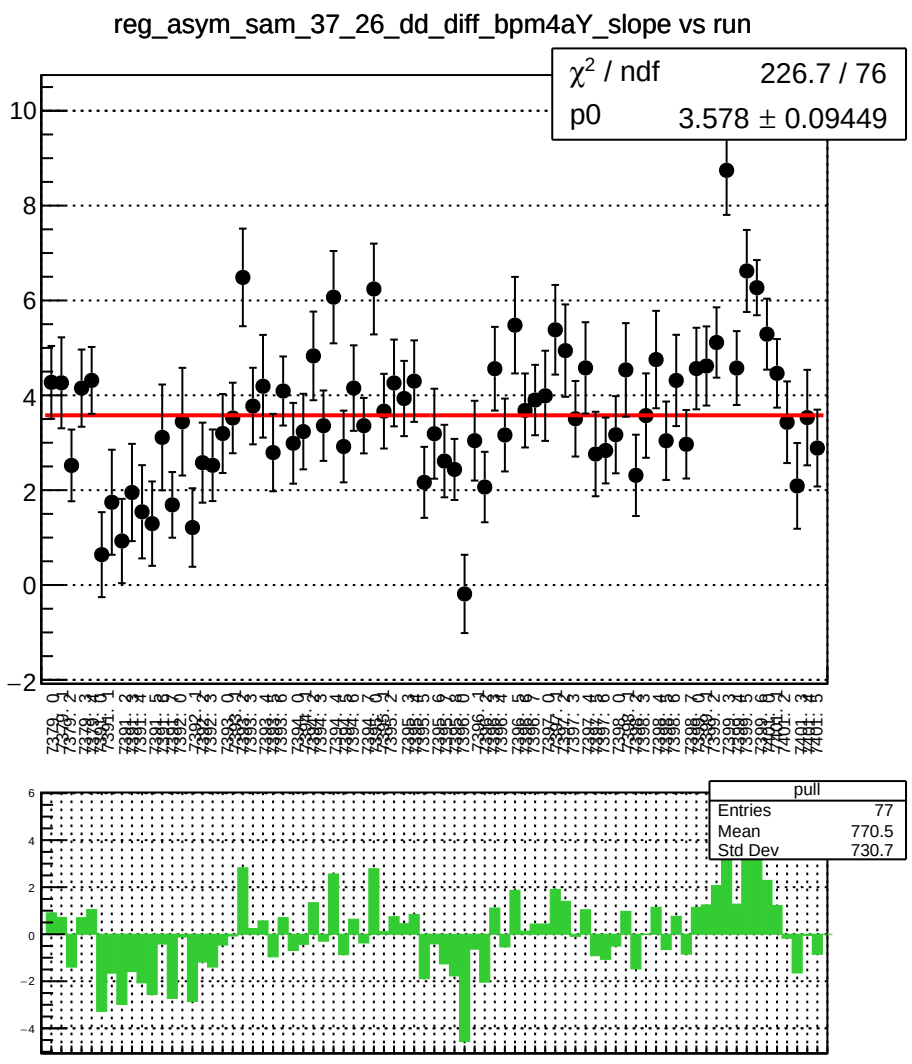

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 110.4 / 76
p0 37.56 ± 0.2175
pull
Entries 77
Mean −22
Std Dev 35.89

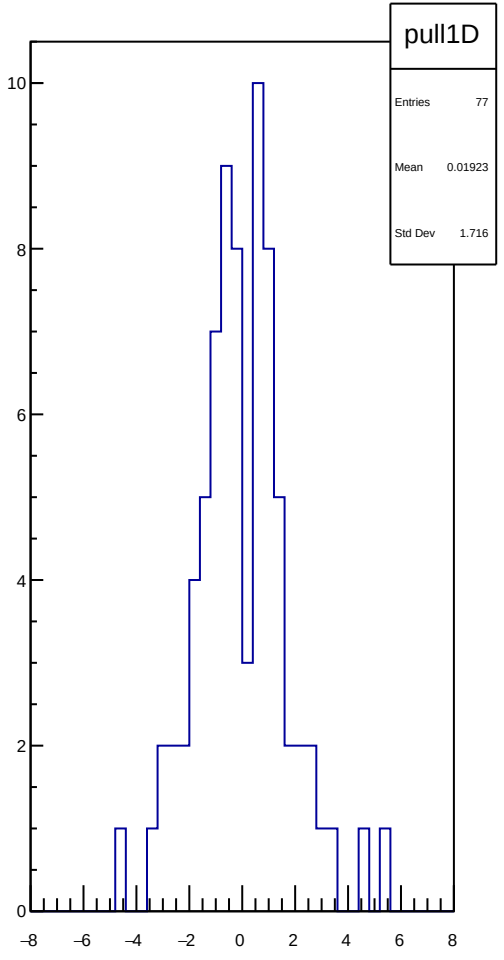

pull1D
Entries 77
Mean 0.07102
Std Dev 1.195

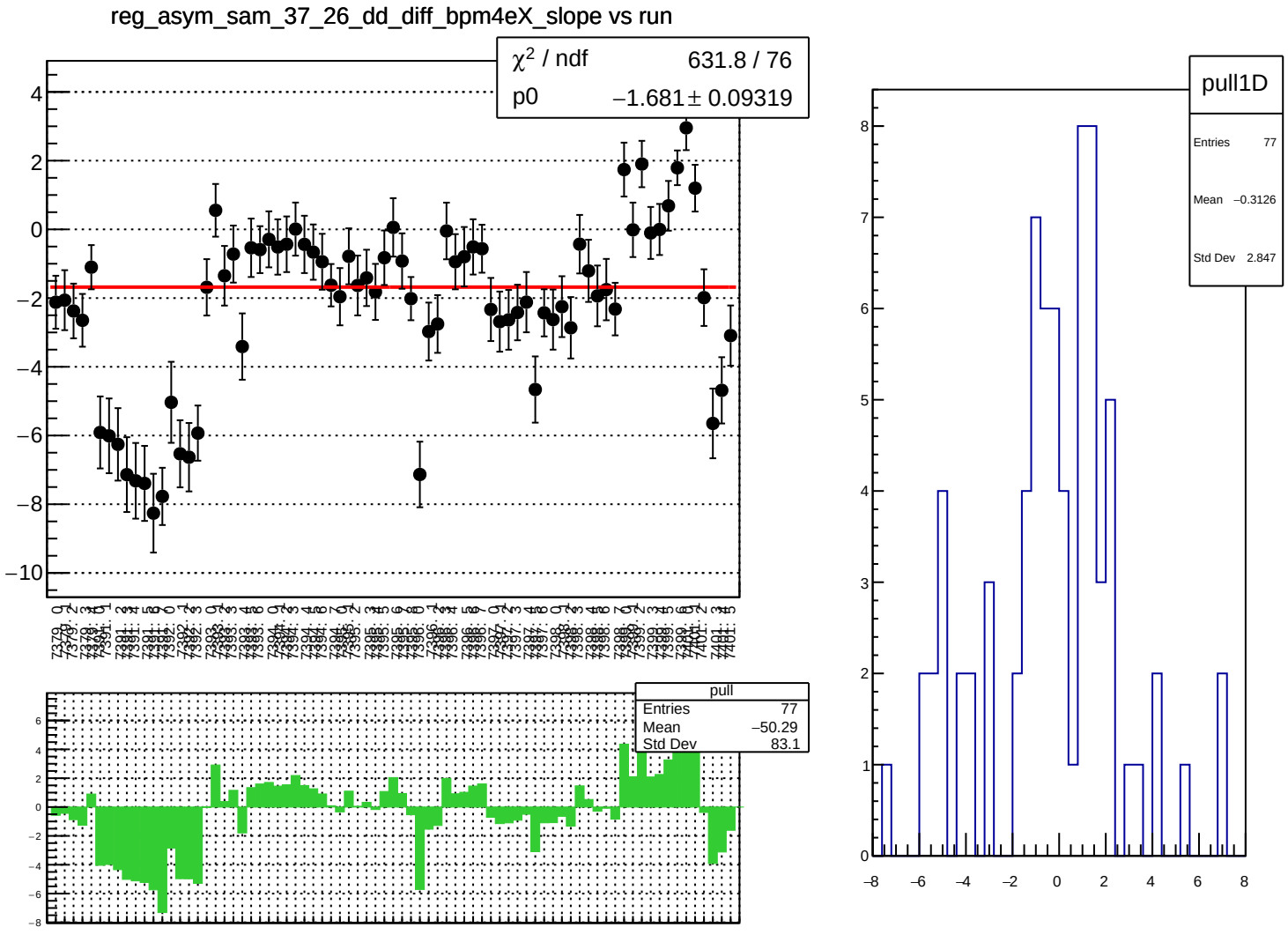

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs run
χ² / ndf 31.24 / 76
p0 −0.09304 ± 0.009872
pull
Entries 77
Mean 511.6
Std Dev 469.6

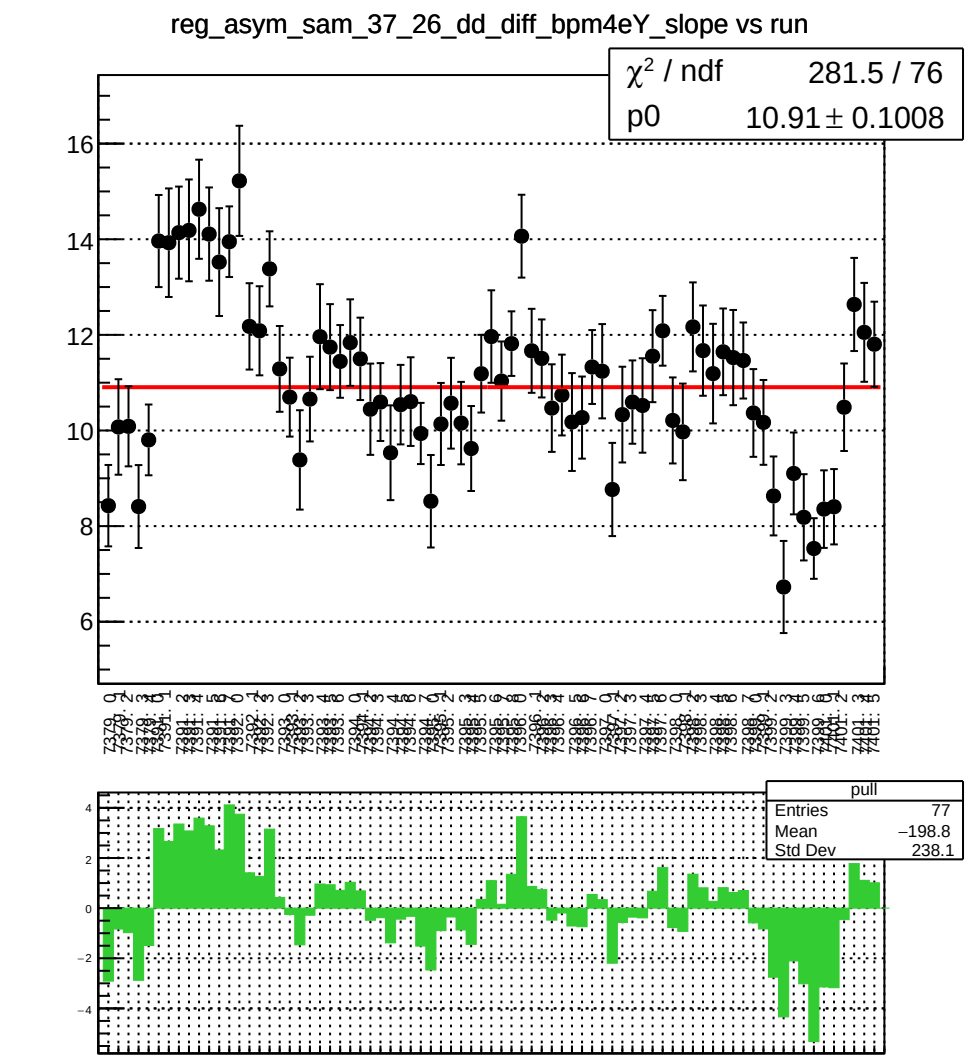

pull1D
Entries 77
Mean −0.02196
Std Dev 0.6365

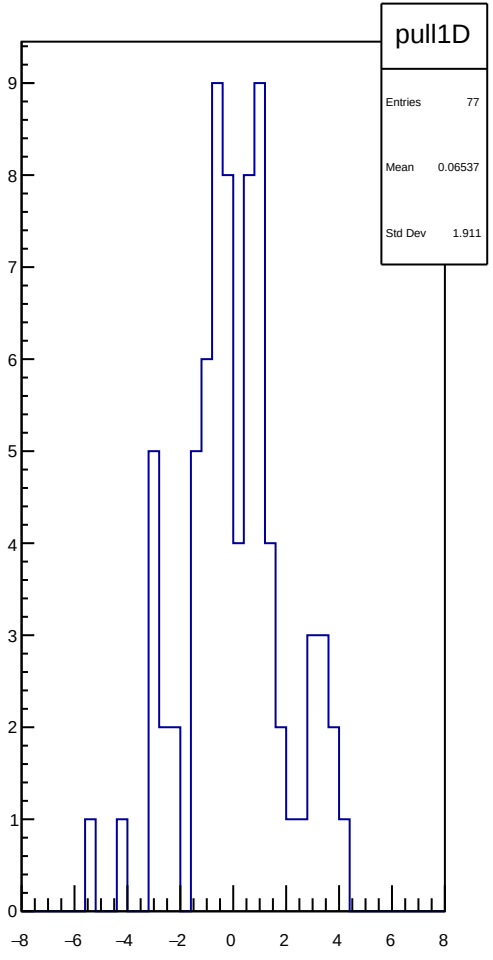

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs run
χ² / ndf 538.1 / 76
p0 −6.757 ± 0.0898
pull
Entries 77
Mean −66.01
Std Dev 103.8
pull1D
Entries 77
Mean 0.2677
Std Dev 2.63

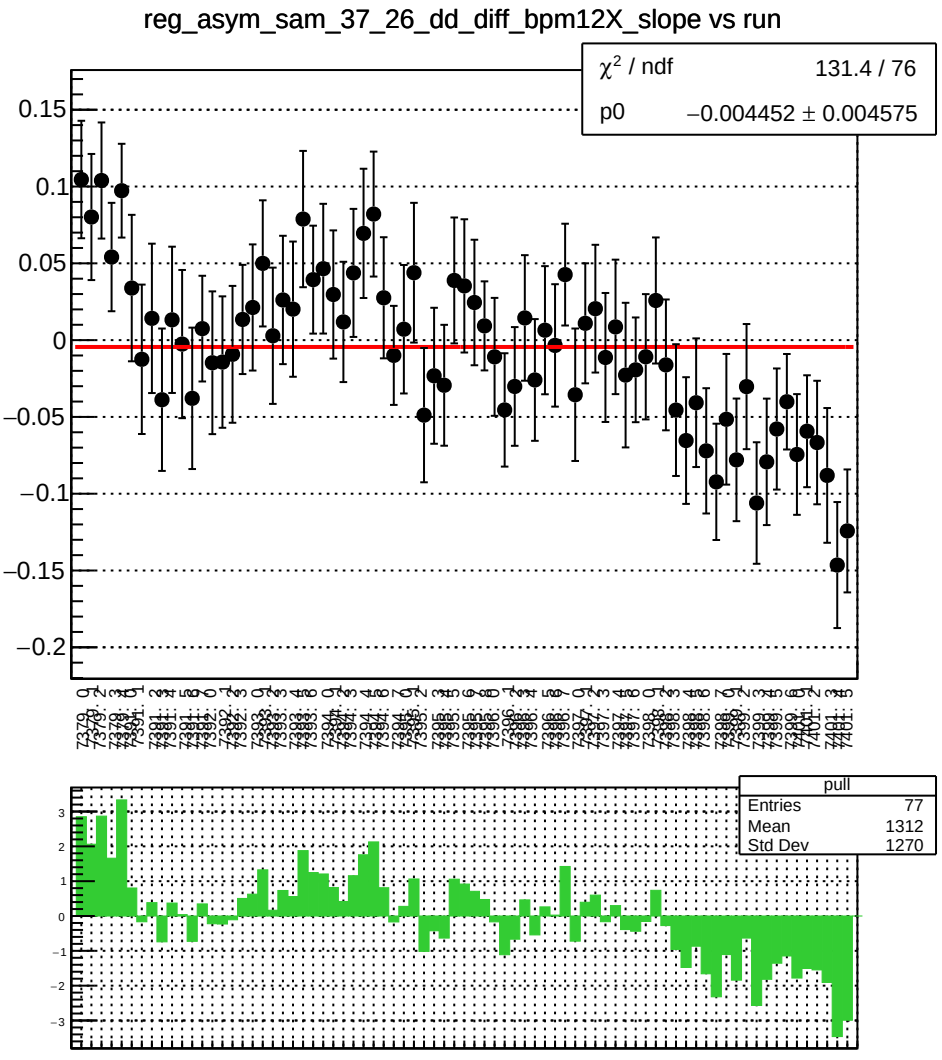

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 226.7 / 76
p0 3.578 ± 0.09449
pull
Entries 77
Mean 770.5
Std Dev 730.7

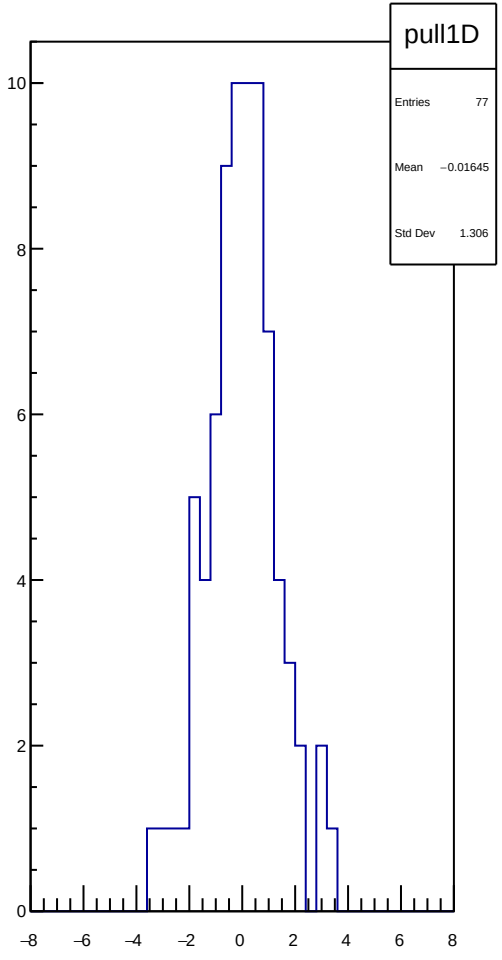

pull1D
Entries 77
Mean 0.01923
Std Dev 1.716

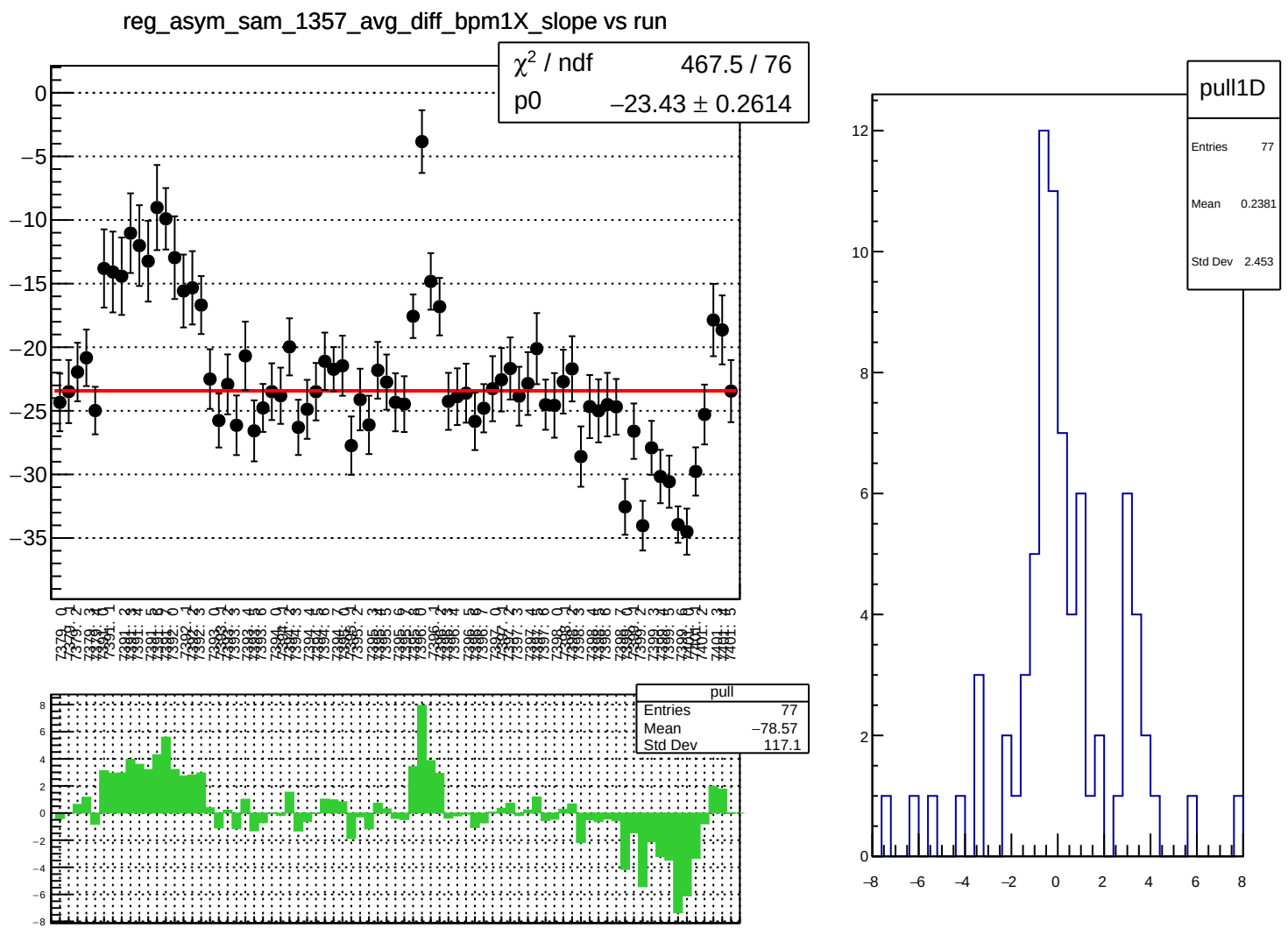

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 631.8 / 76
p0 −1.681 ± 0.09319
pull
Entries 77
Mean −50.29
Std Dev 83.1
pull1D
Entries 77
Mean −0.3126
Std Dev 2.847

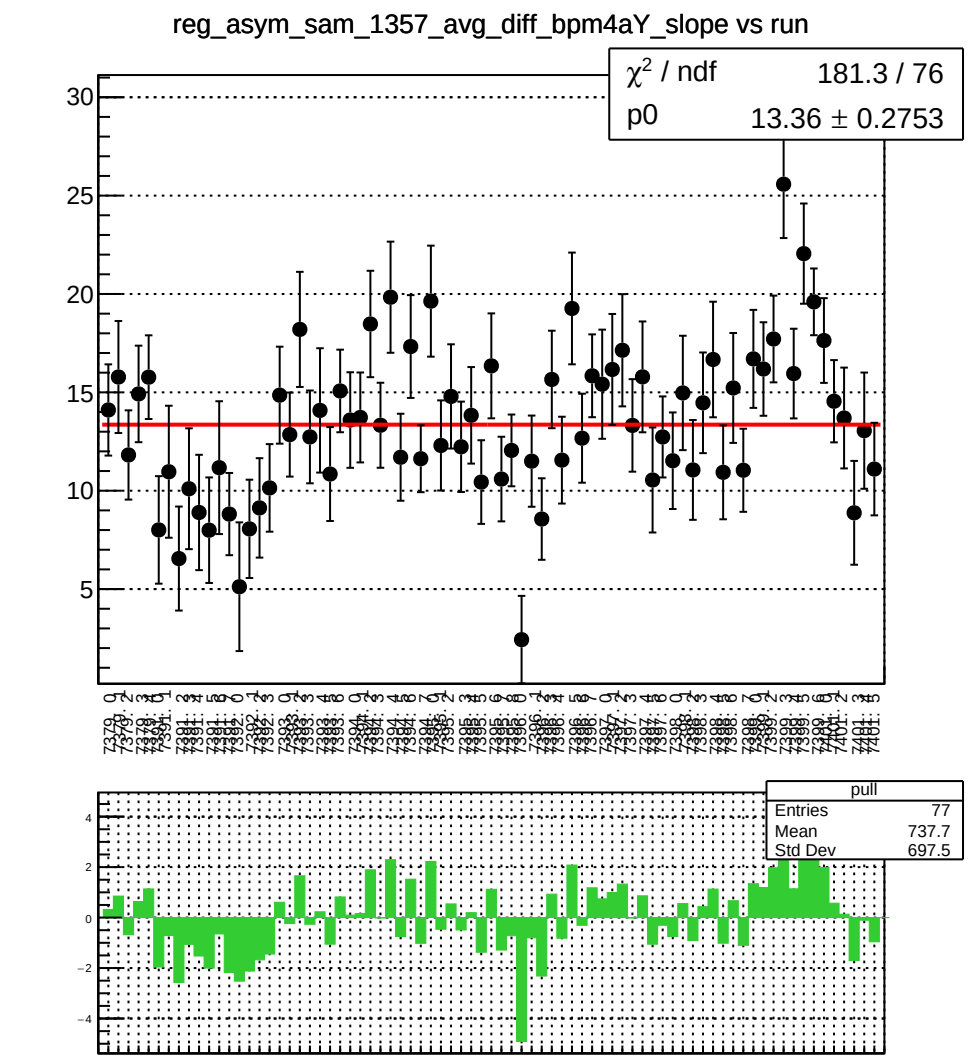

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 281.5 / 76
p0 10.91 ± 0.1008
pull
Entries 77
Mean −198.8
Std Dev 238.1

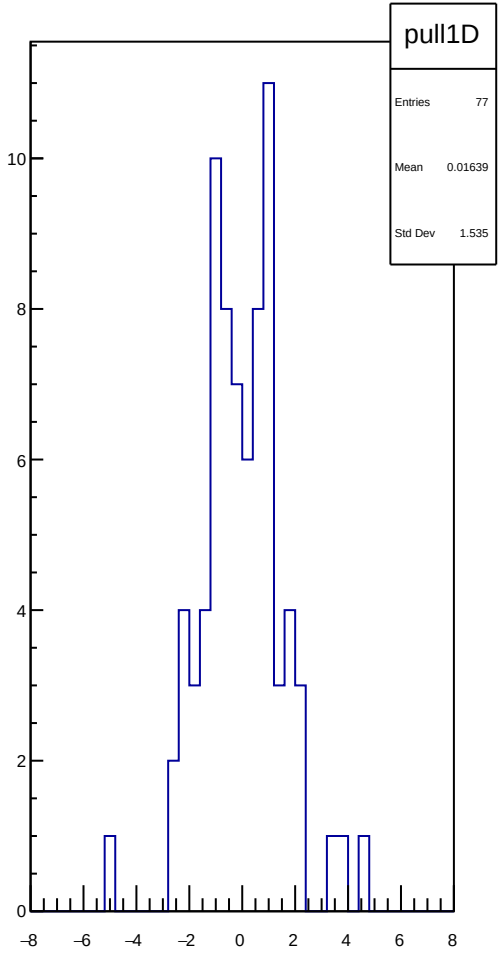

pull1D
Entries 77
Mean 0.06537
Std Dev 1.911

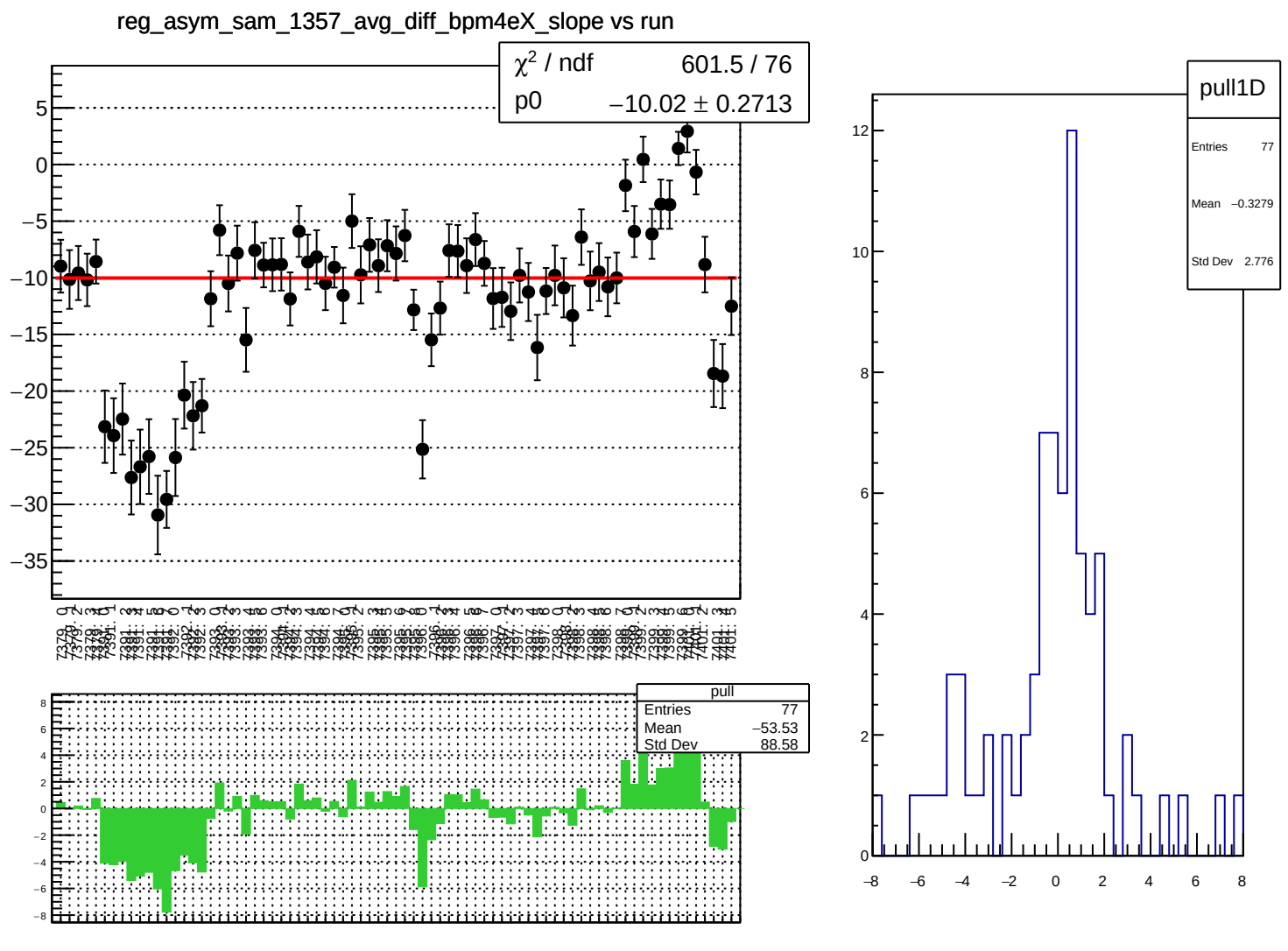

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs run
χ² / ndf 131.4 / 76
p0 −0.004452 ± 0.004575
pull
Entries 77
Mean 1312
Std Dev 1270

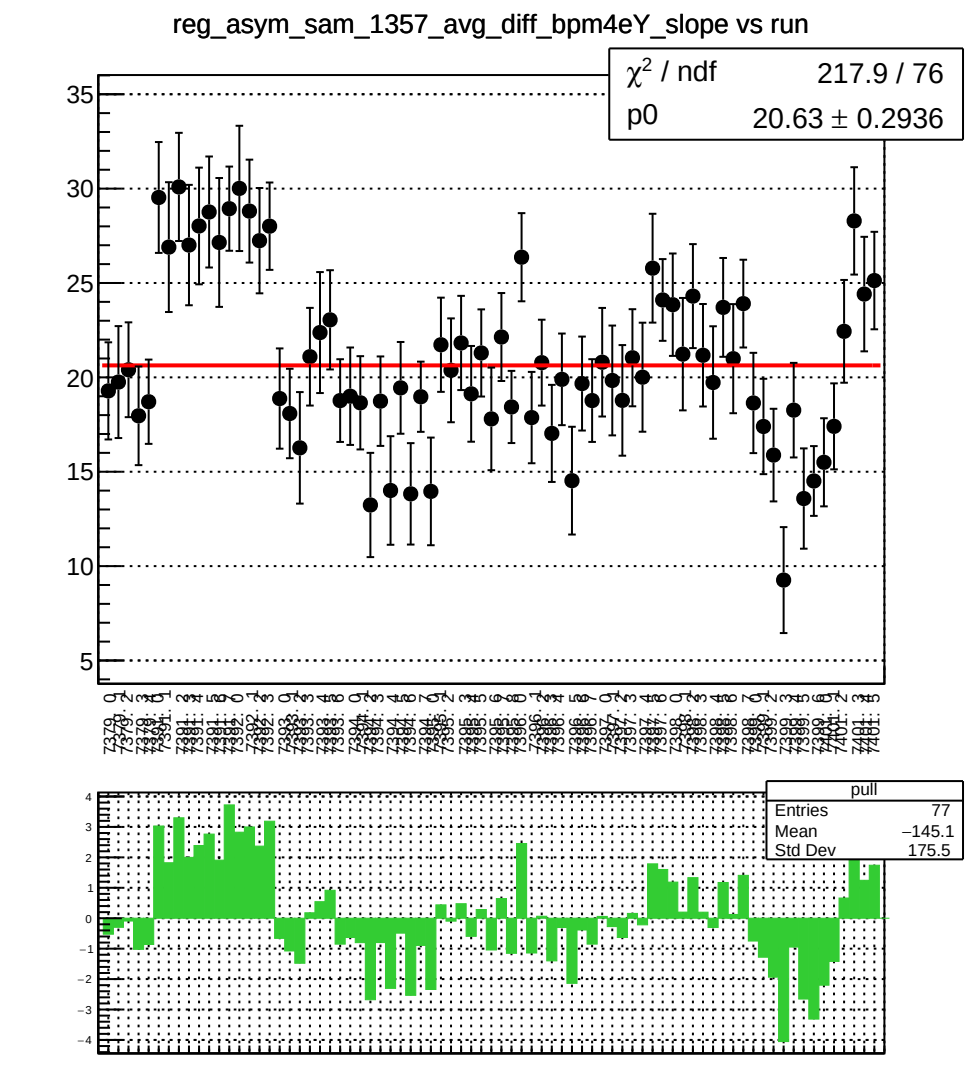

pull1D
Entries 77
Mean −0.01645
Std Dev 1.306

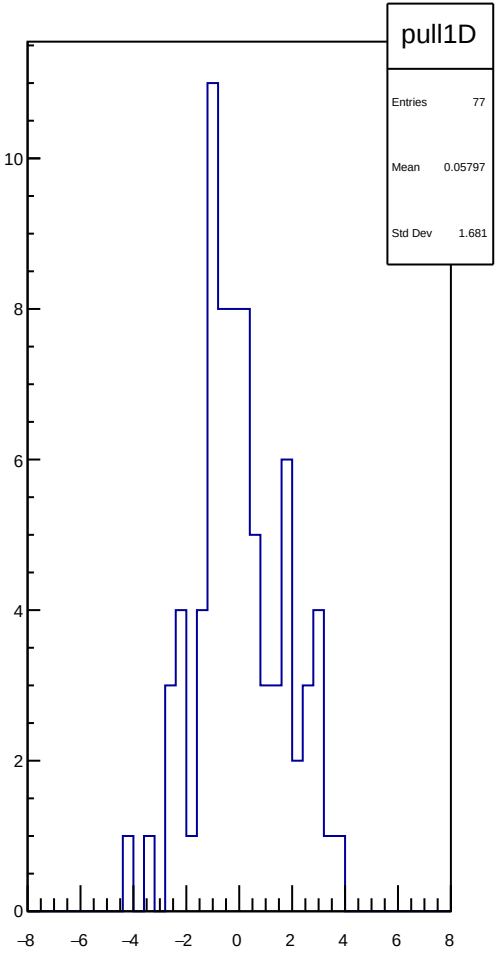

reg_asym_sam_1357_avg_diff_bpm1X_slope vs run
χ² / ndf 467.5 / 76
p0 −23.43 ± 0.2614
pull
Entries 77
Mean −78.57
Std Dev 117.1
pull1D
Entries 77
Mean 0.2381
Std Dev 2.453

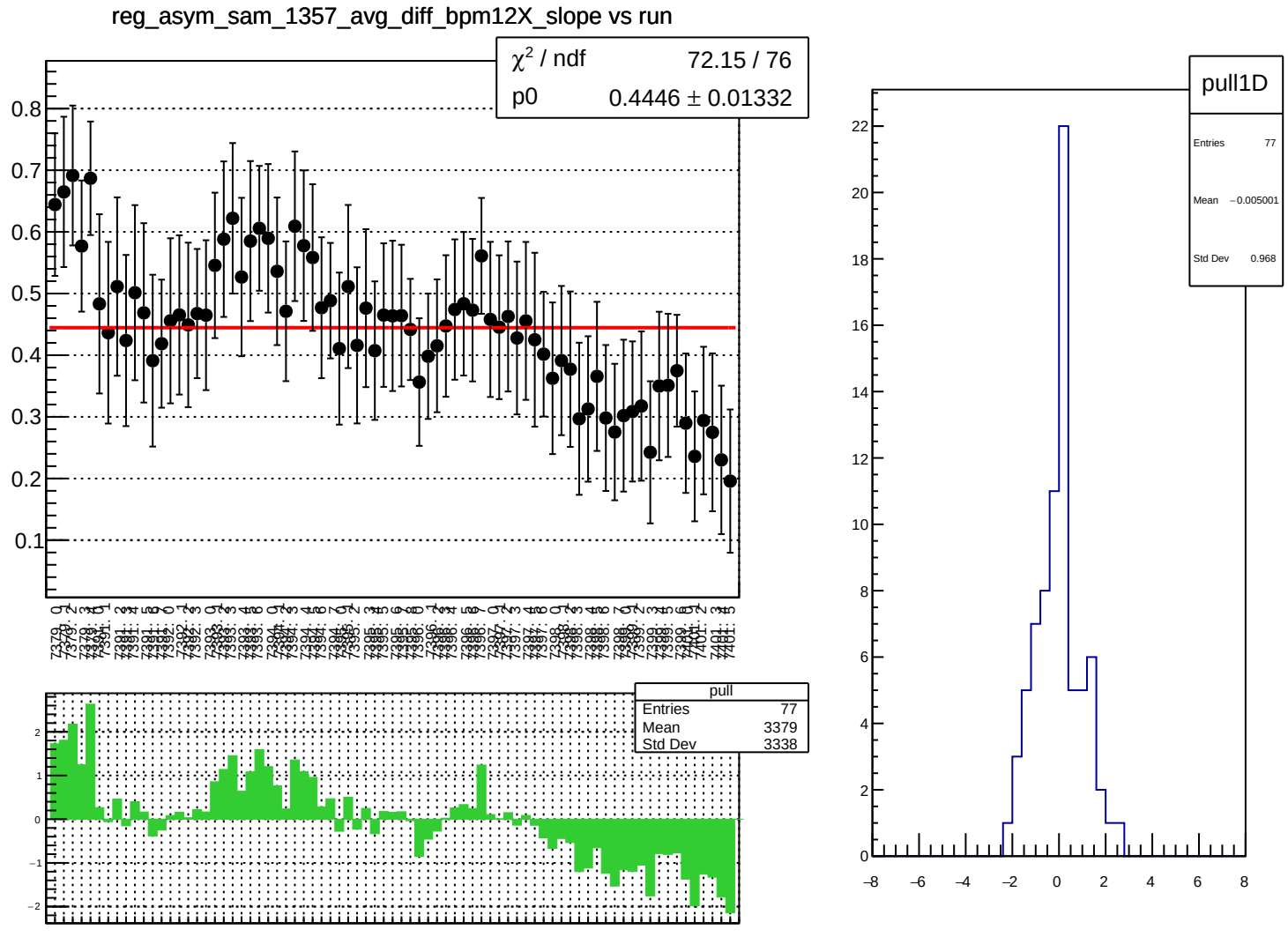

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs run
χ² / ndf 181.3 / 76
p0 13.36 ± 0.2753
pull
Entries 77
Mean 737.7
Std Dev 697.5

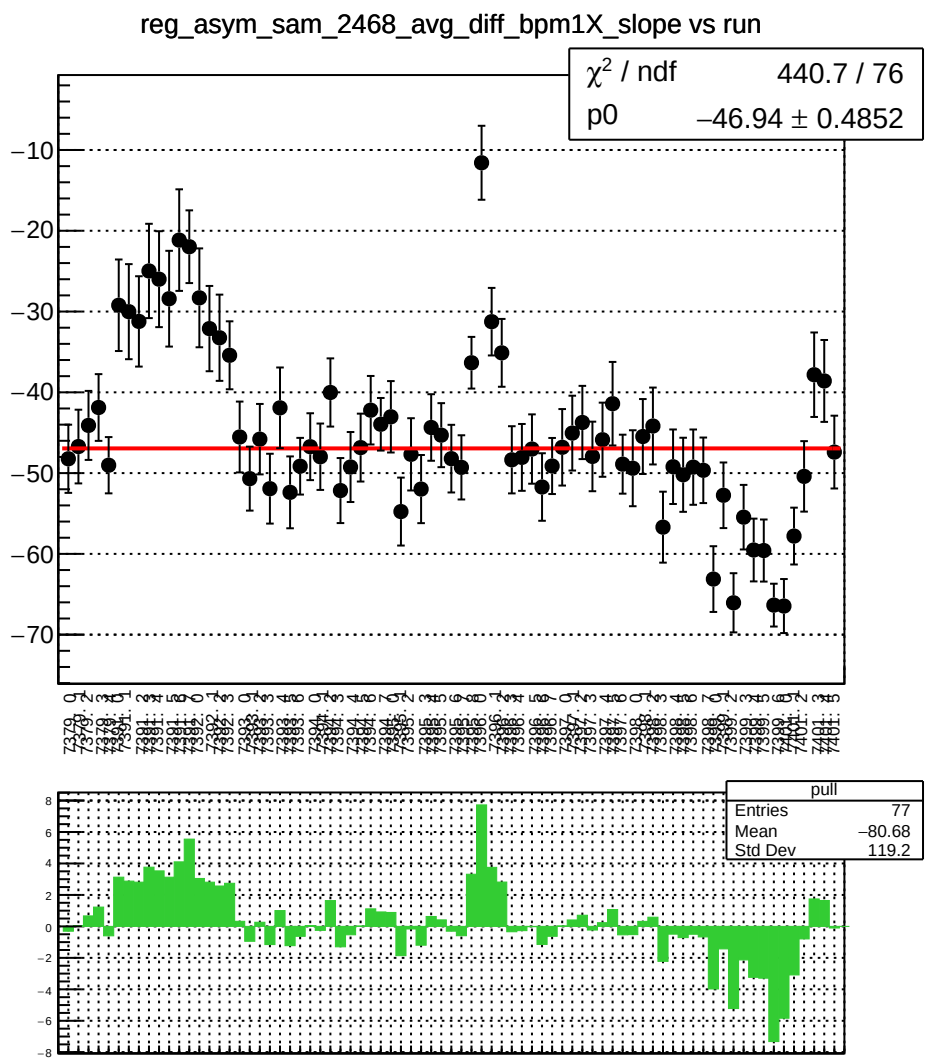

pull1D
Entries 77
Mean 0.01639
Std Dev 1.535

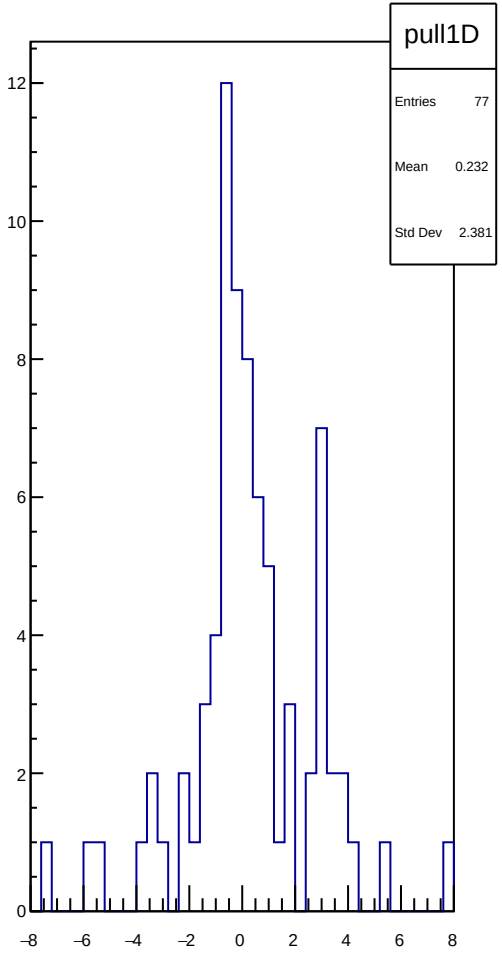

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs run
χ² / ndf 601.5 / 76
p0 −10.02 ± 0.2713
pull
Entries 77
Mean −53.53
Std Dev 88.58
pull1D
Entries 77
Mean −0.3279
Std Dev 2.776

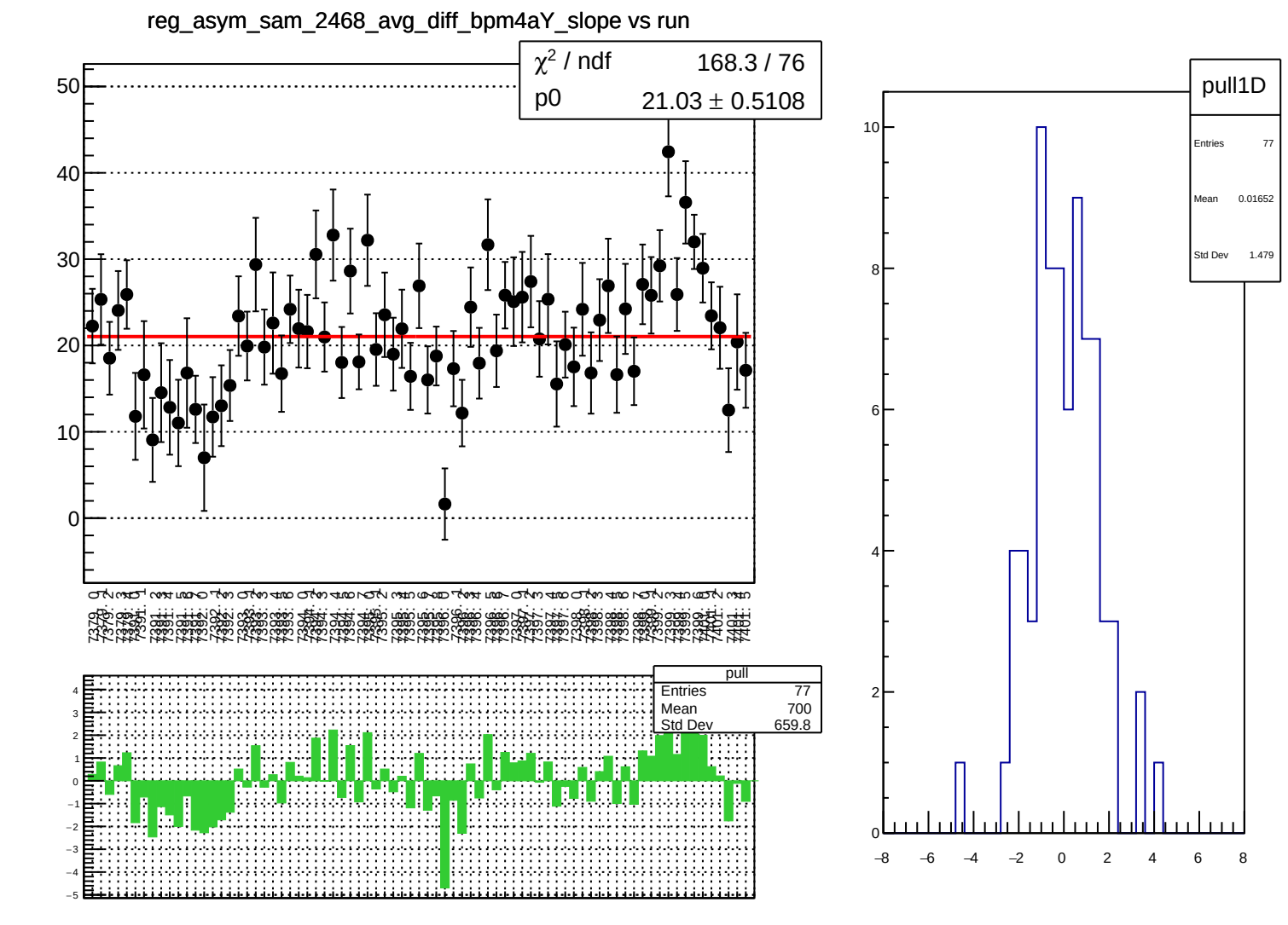

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs run
χ² / ndf 217.9 / 76
p0 20.63 ± 0.2936
pull
Entries 77
Mean −145.1
Std Dev 175.5

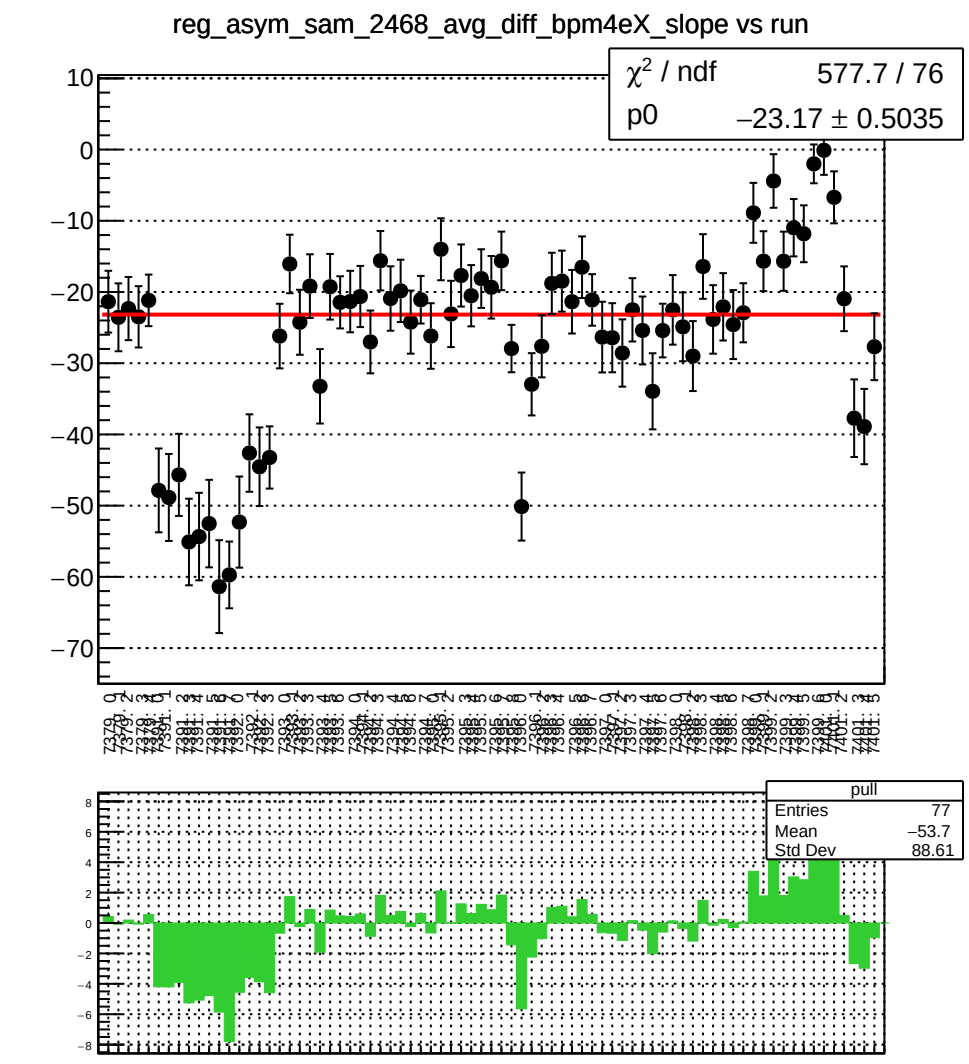

pull1D
Entries 77
Mean 0.05797
Std Dev 1.681

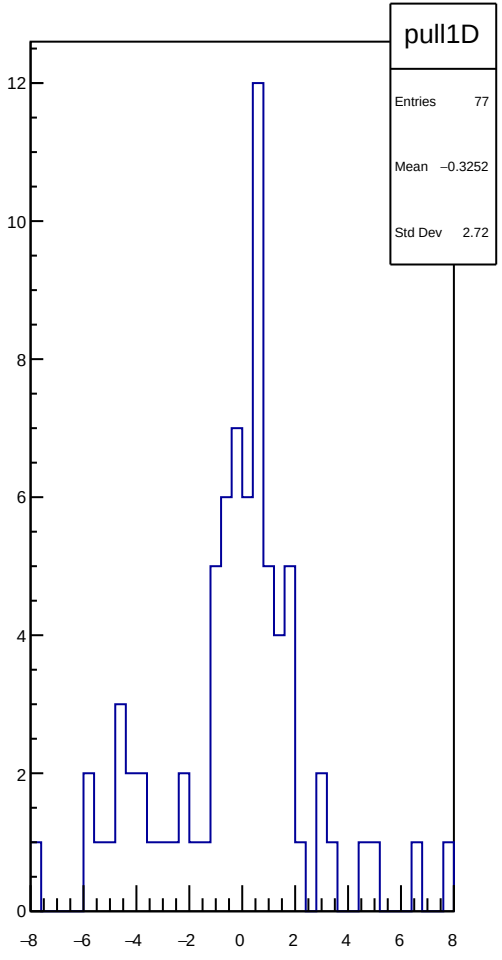

reg_asym_sam_1357_avg_diff_bpm12X_slope vs run
χ² / ndf 72.15 / 76
p0 0.4446 ± 0.01332
pull
Entries 77
Mean 3379
Std Dev 3338
pull1D
Entries 77
Mean −0.005001
Std Dev 0.968

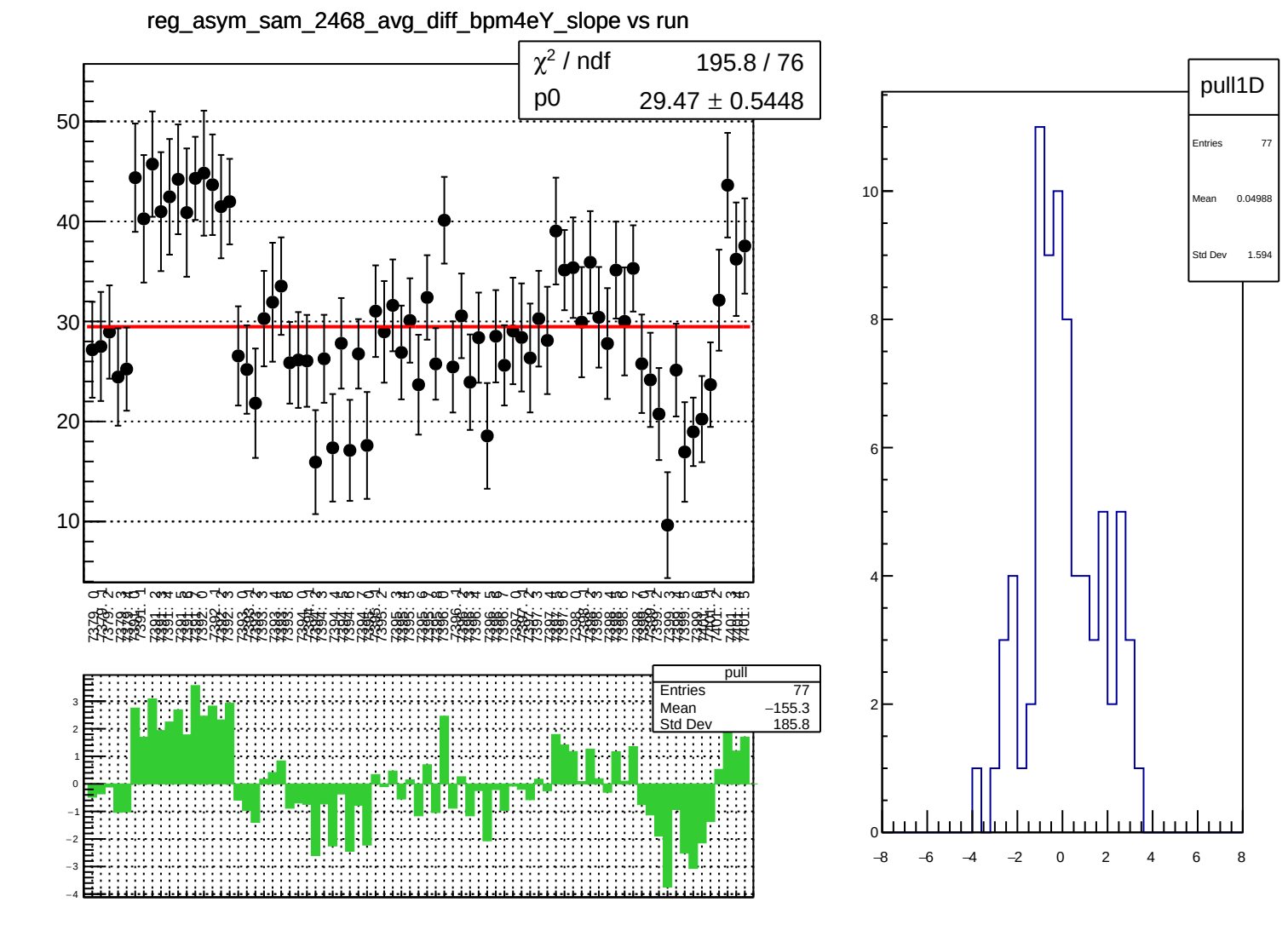

reg_asym_sam_2468_avg_diff_bpm1X_slope vs run
χ² / ndf 440.7 / 76
p0 −46.94 ± 0.4852
pull
Entries 77
Mean −80.68
Std Dev 119.2

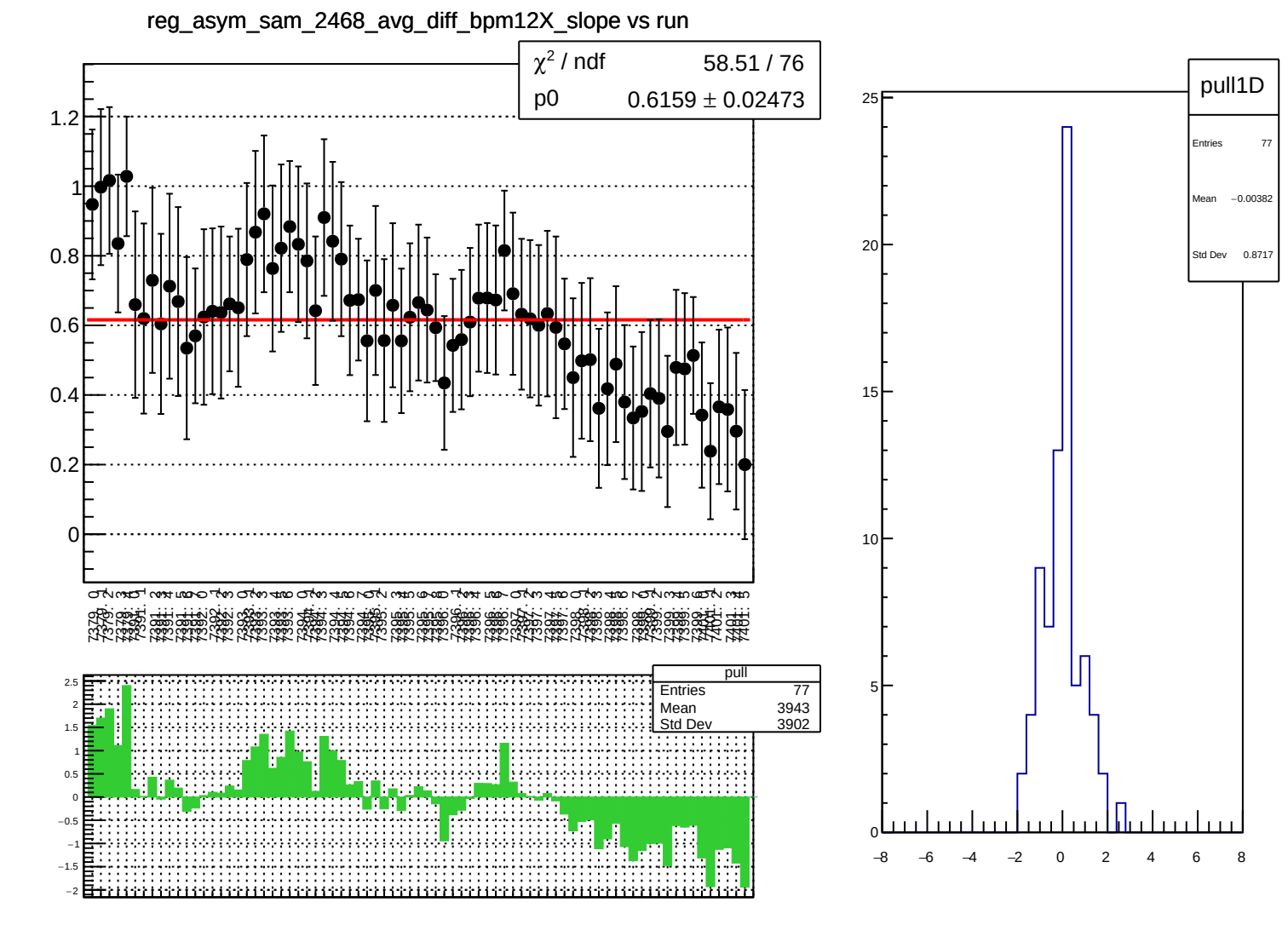

pull1D
Entries 77
Mean 0.232
Std Dev 2.381

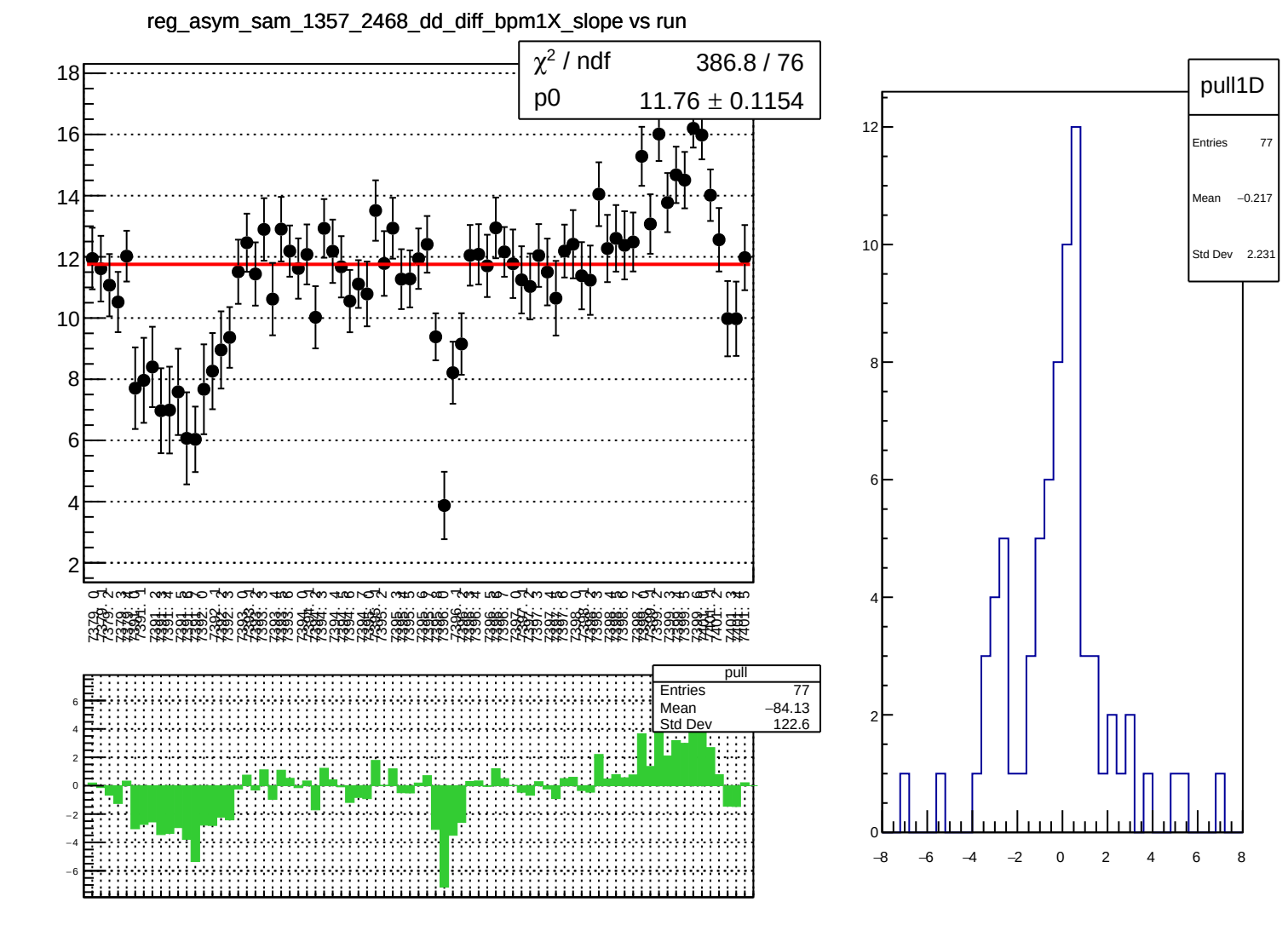

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs run
χ² / ndf 168.3 / 76
p0 21.03 ± 0.5108
pull
Entries 77
Mean 700
Std Dev 659.8
pull1D
Entries 77
Mean 0.01652
Std Dev 1.479

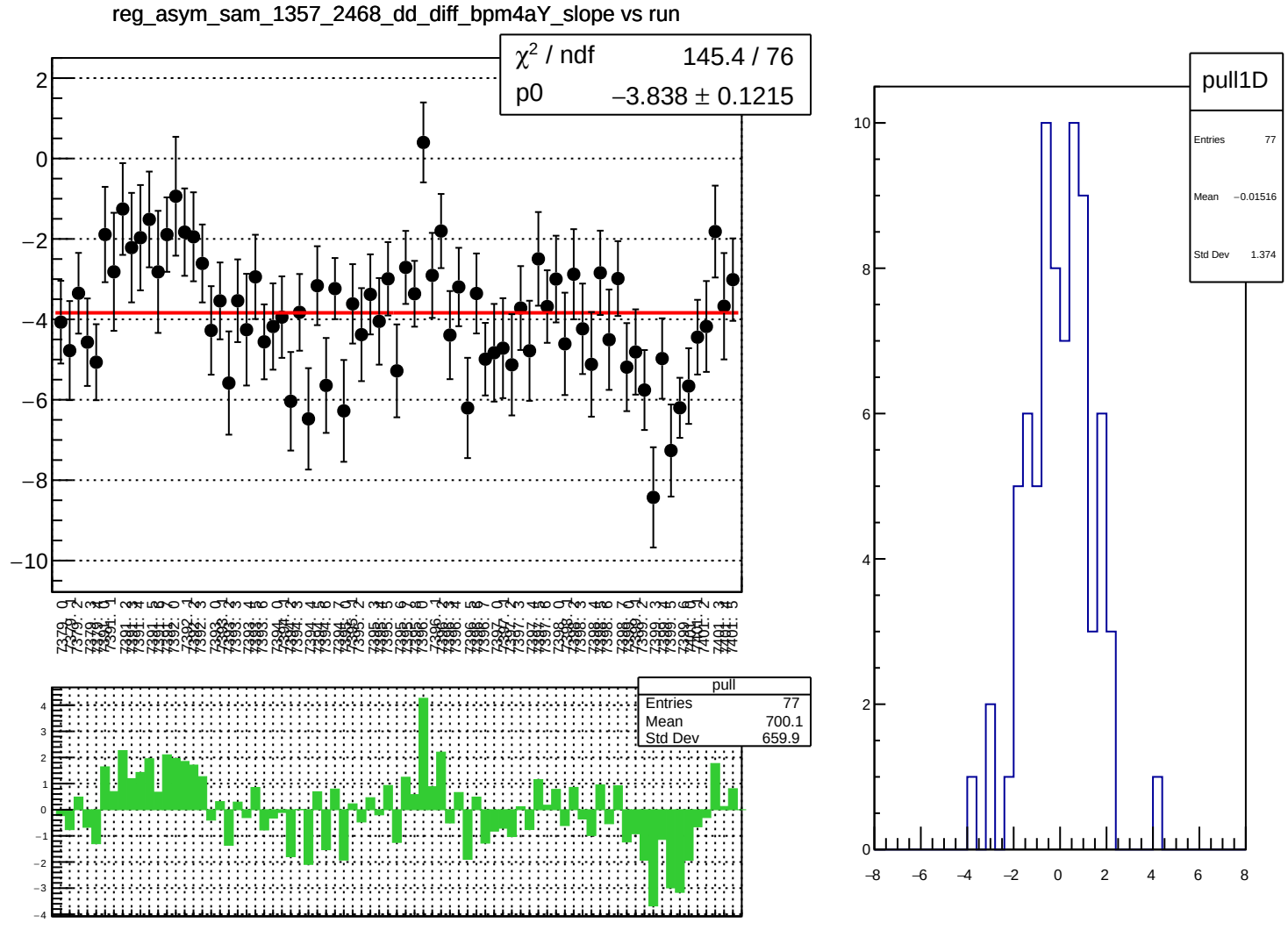

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs run
χ² / ndf 577.7 / 76
p0 −23.17 ± 0.5035
pull
Entries 77
Mean −53.7
Std Dev 88.61

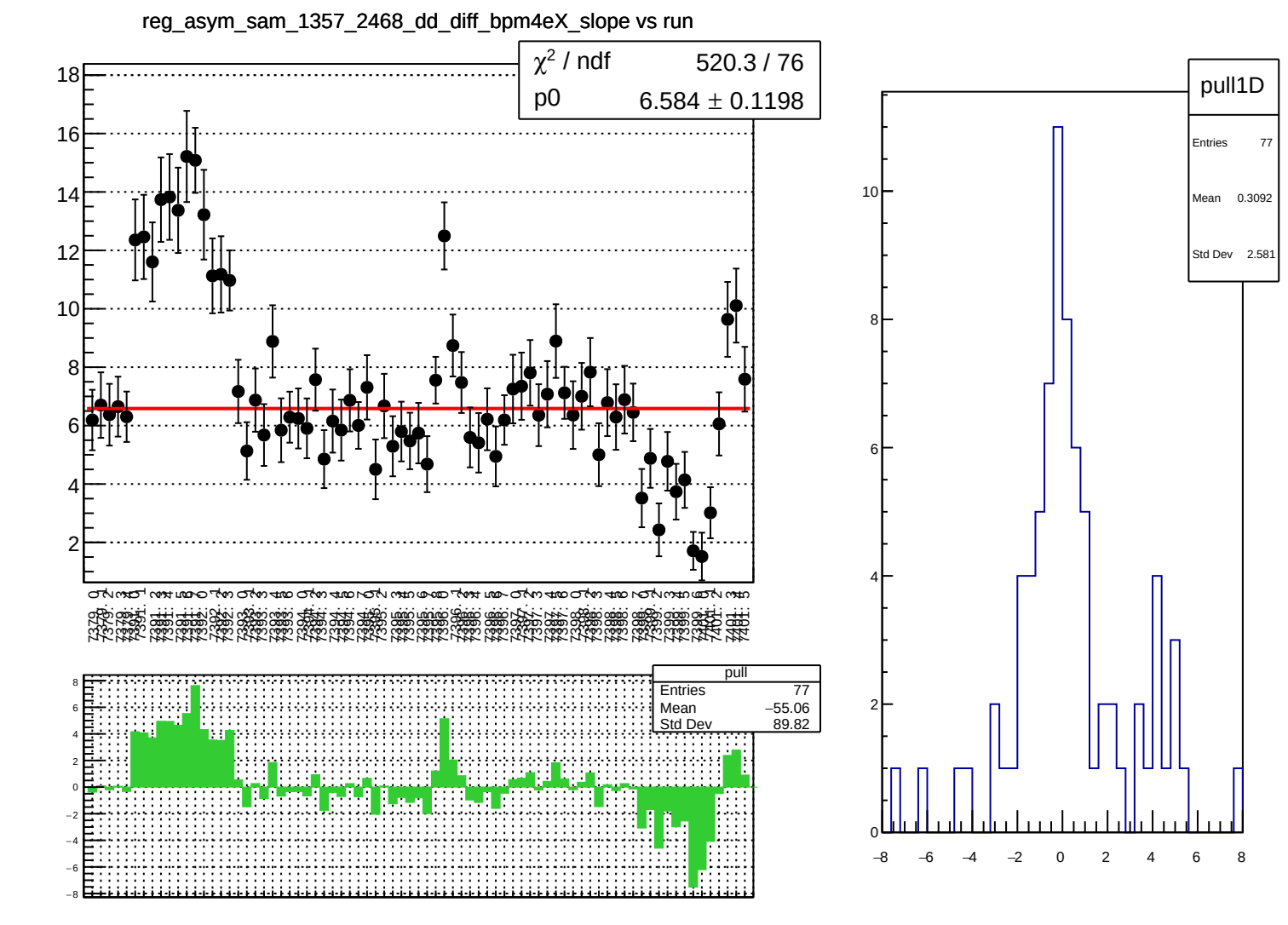

pull1D
Entries 77
Mean −0.3252
Std Dev 2.72

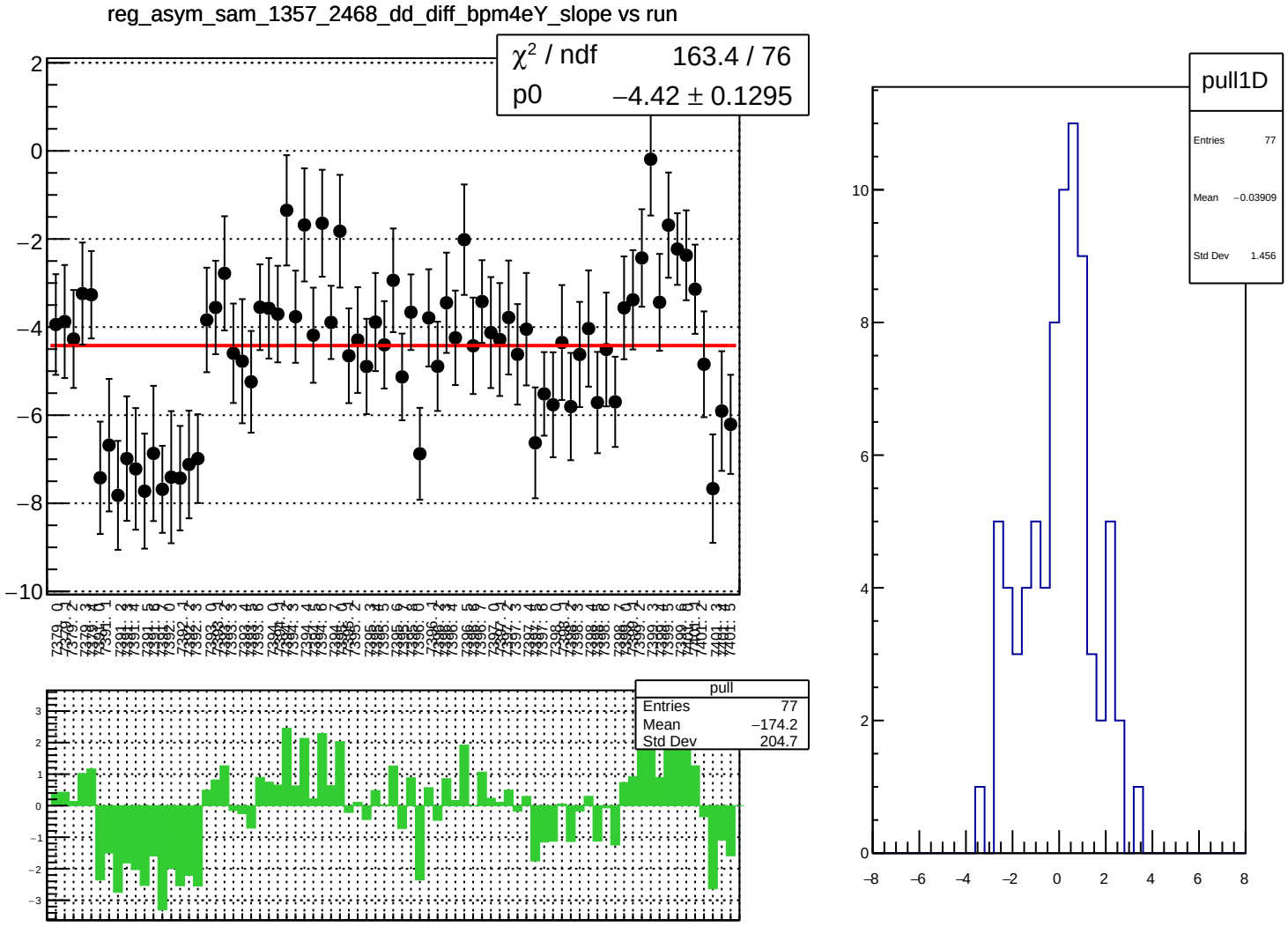

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs run
χ² / ndf 195.8 / 76
p0 29.47 ± 0.5448
pull
Entries 77
Mean −155.3
Std Dev 185.8
pull1D
Entries 77
Mean 0.04988
Std Dev 1.594

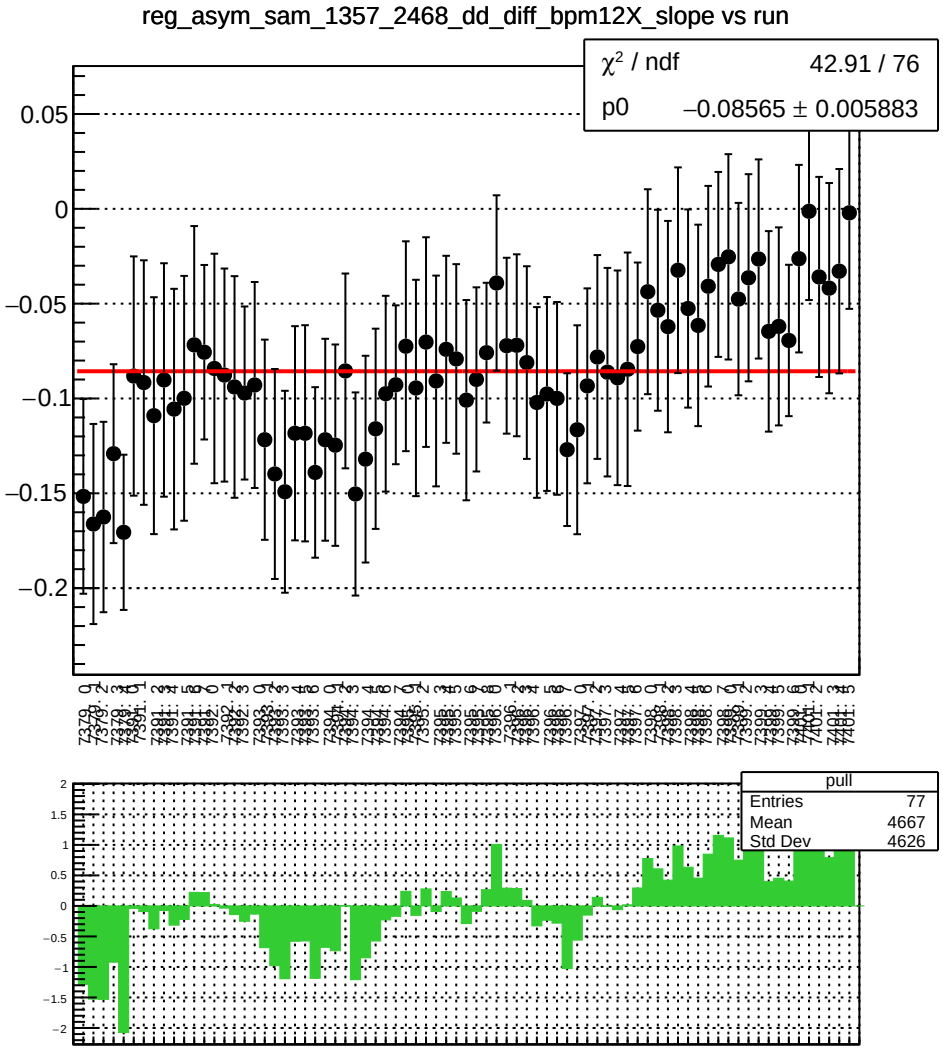

reg_asym_sam_2468_avg_diff_bpm12X_slope vs run
χ² / ndf 58.51 / 76
p0 0.6159 ± 0.02473
pull
Entries 77
Mean 3943
Std Dev 3902
pull1D
Entries 77
Mean −0.00382
Std Dev 0.8717

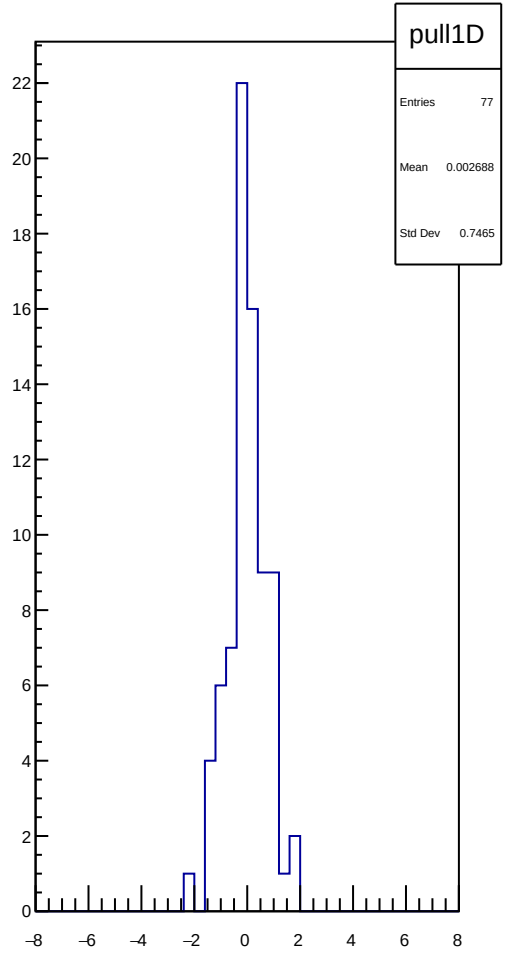

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs run
χ² / ndf 386.8 / 76
p0 11.76 ± 0.1154
pull
Entries 77
Mean −84.13
Std Dev 122.6
pull1D
Entries 77
Mean −0.217
Std Dev 2.231

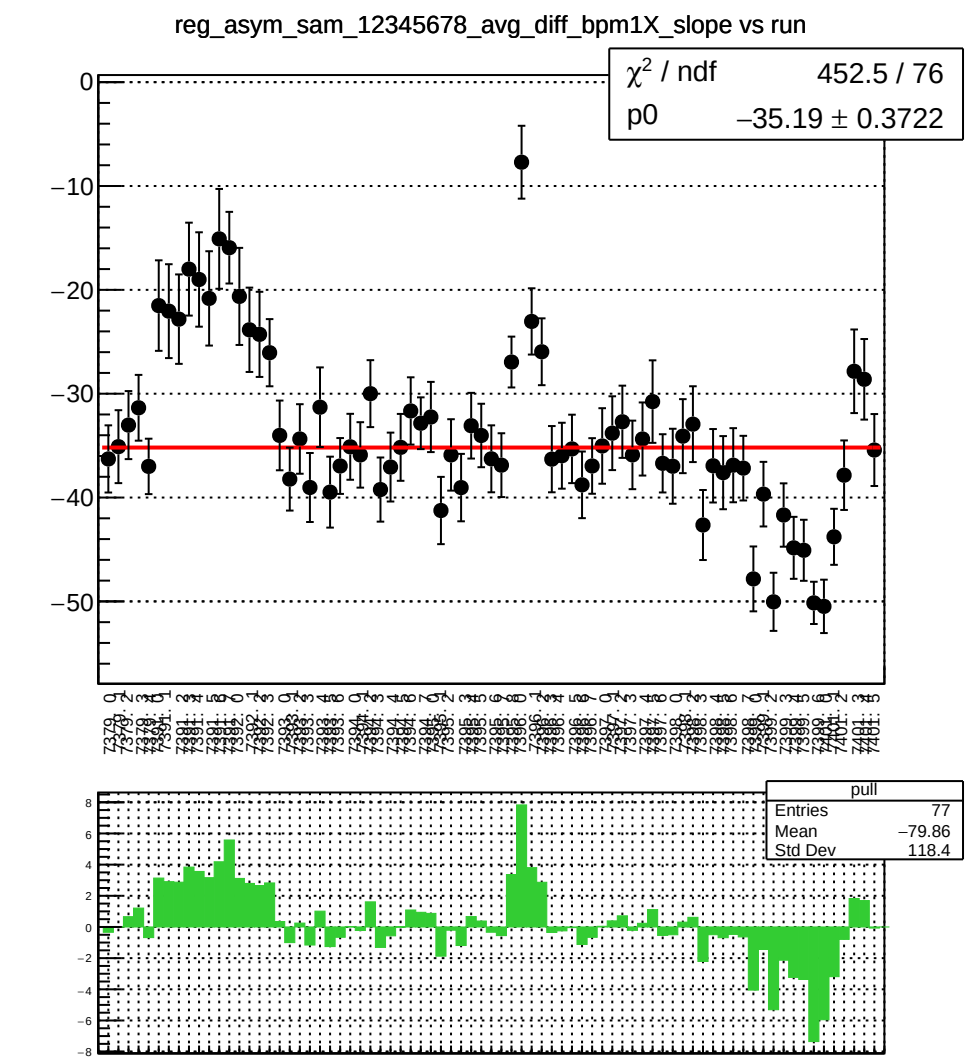

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs run
χ² / ndf 145.4 / 76
p0 −3.838 ± 0.1215
pull
Entries 77
Mean 700.1
Std Dev 659.9
pull1D
Entries 77
Mean −0.01516
Std Dev 1.374

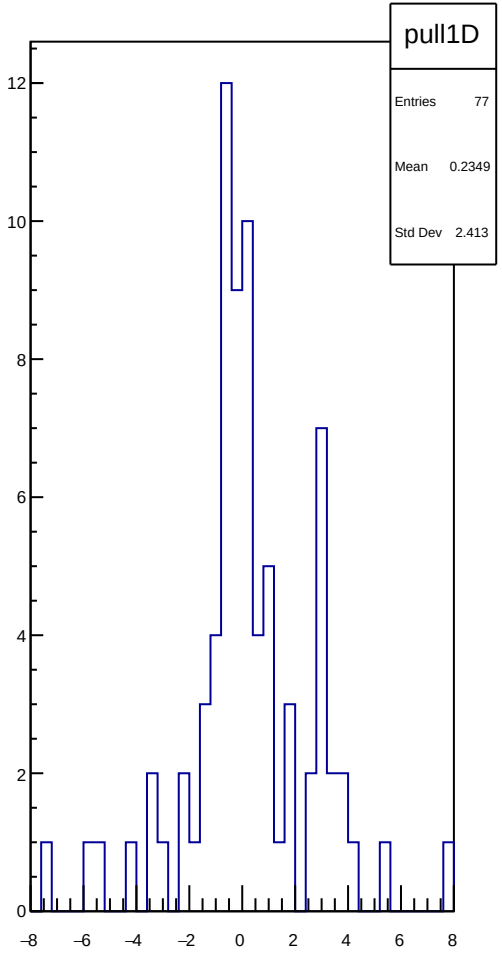

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs run
χ² / ndf 520.3 / 76
p0 6.584 ± 0.1198
pull
Entries 77
Mean −55.06
Std Dev 89.82
pull1D
Entries 77
Mean 0.3092
Std Dev 2.581

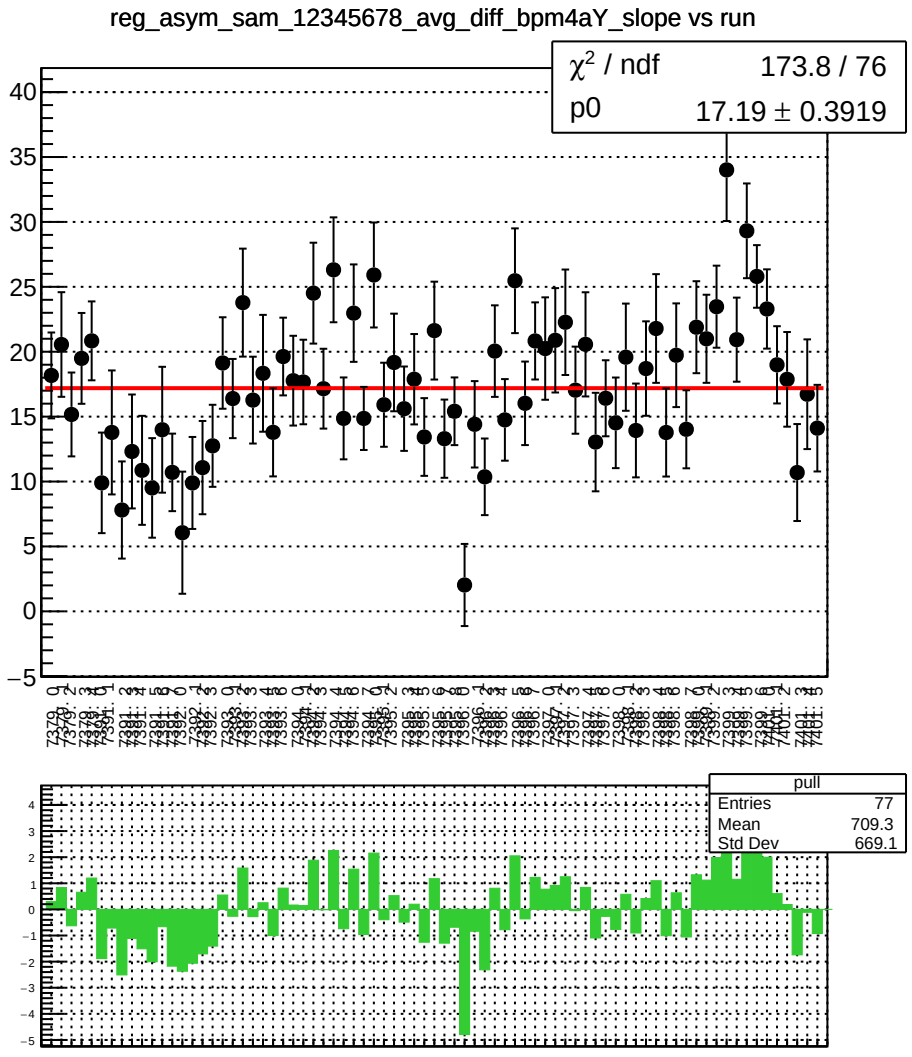

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs run
χ² / ndf 163.4 / 76
p0 −4.42 ± 0.1295
pull
Entries 77
Mean −174.2
Std Dev 204.7
pull1D
Entries 77
Mean −0.03909
Std Dev 1.456

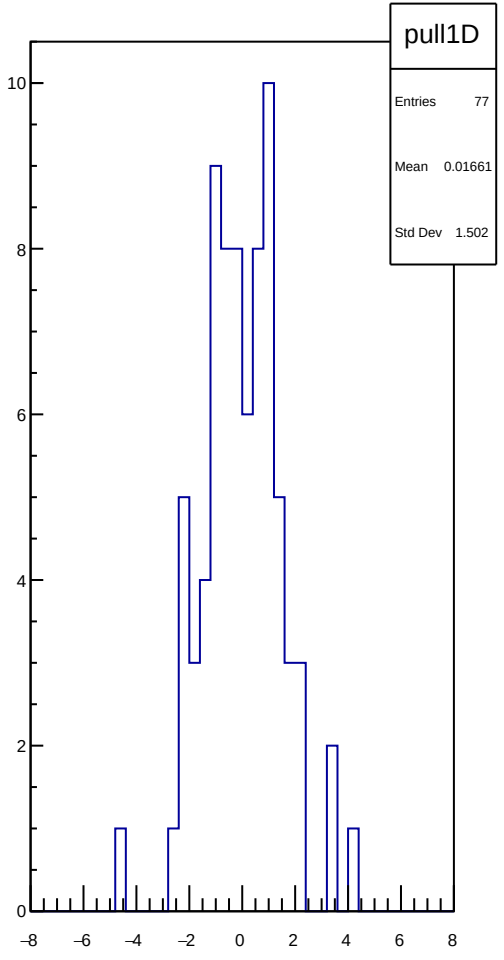

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs run
χ² / ndf 42.91 / 76
p0 −0.08565 ± 0.005883
pull
Entries 77
Mean 4667
Std Dev 4626

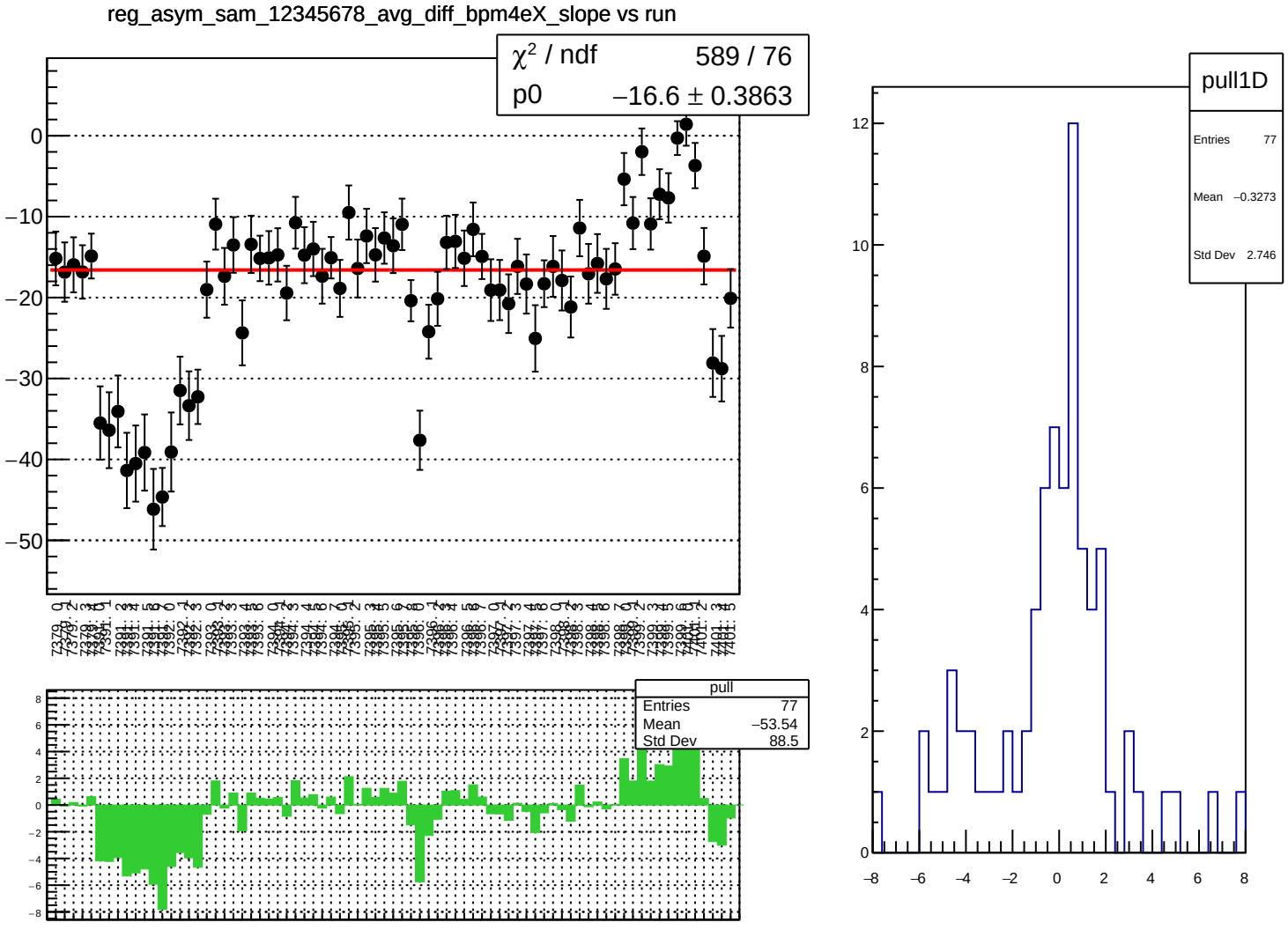

pull1D
Entries 77
Mean 0.002688
Std Dev 0.7465

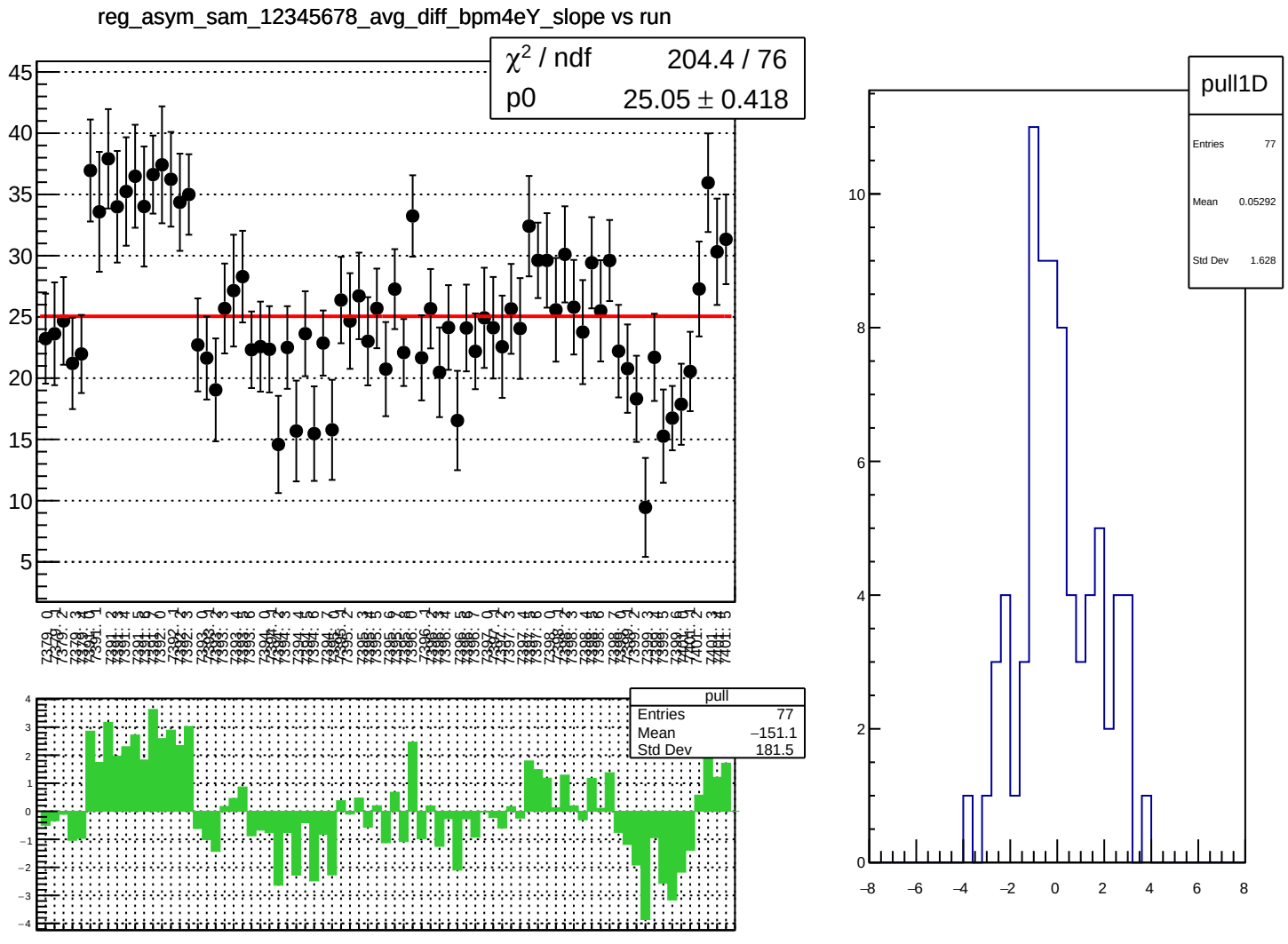

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs run
χ² / ndf 452.5 / 76
p0 −35.19 ± 0.3722
pull
Entries 77
Mean −79.86
Std Dev 118.4

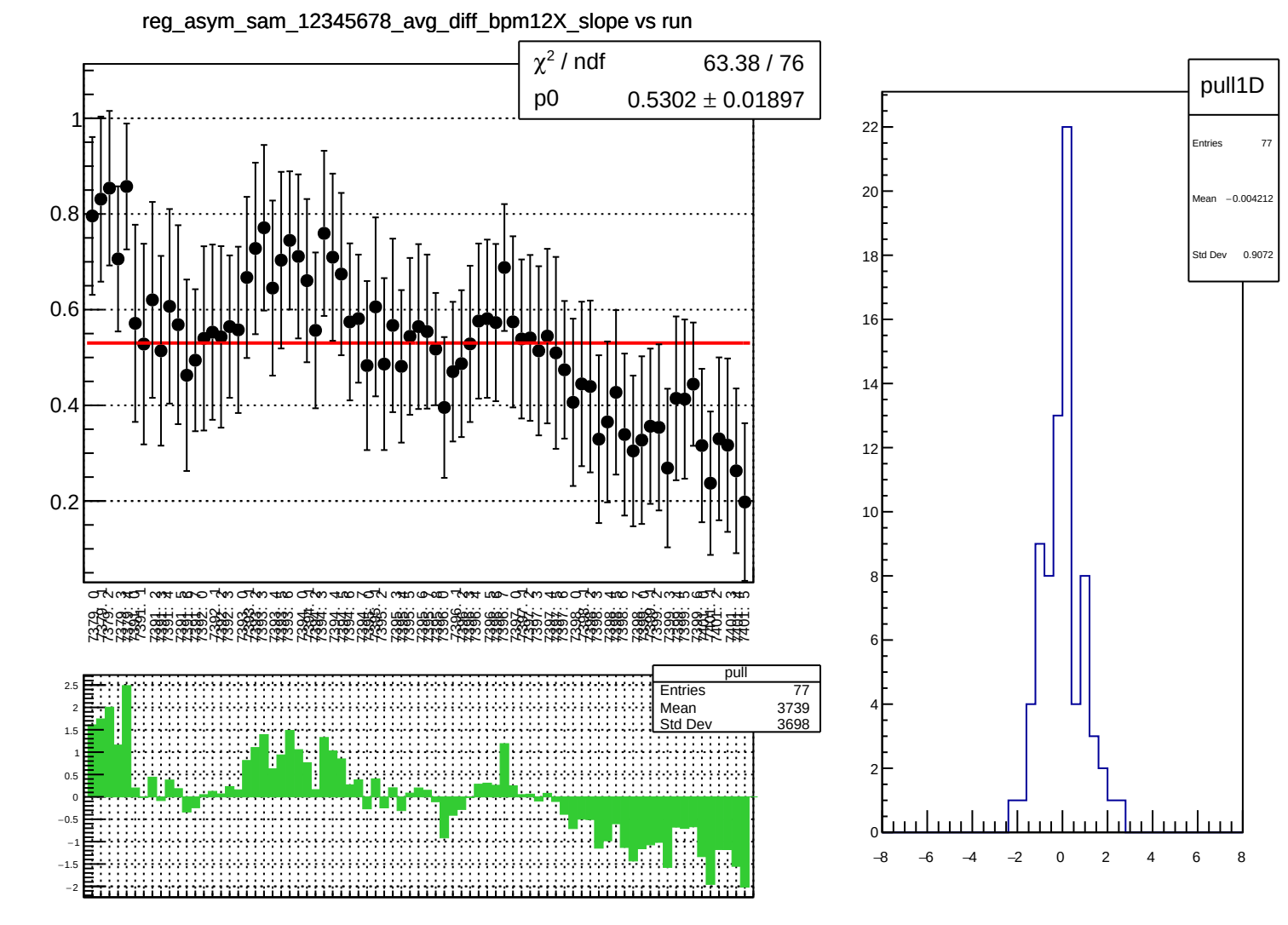

pull1D
Entries 77
Mean 0.2349
Std Dev 2.413

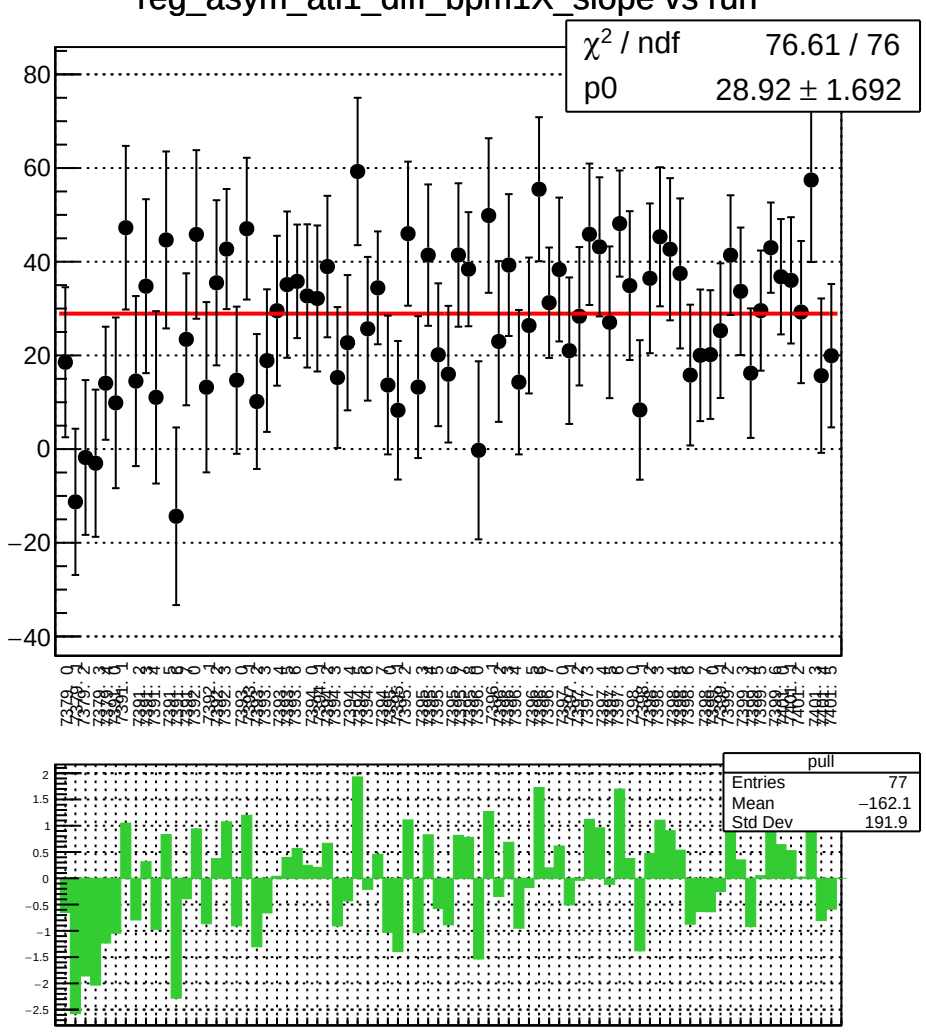

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs run
χ² / ndf 173.8 / 76
p0 17.19 ± 0.3919
pull
Entries 77
Mean 709.3
Std Dev 669.1

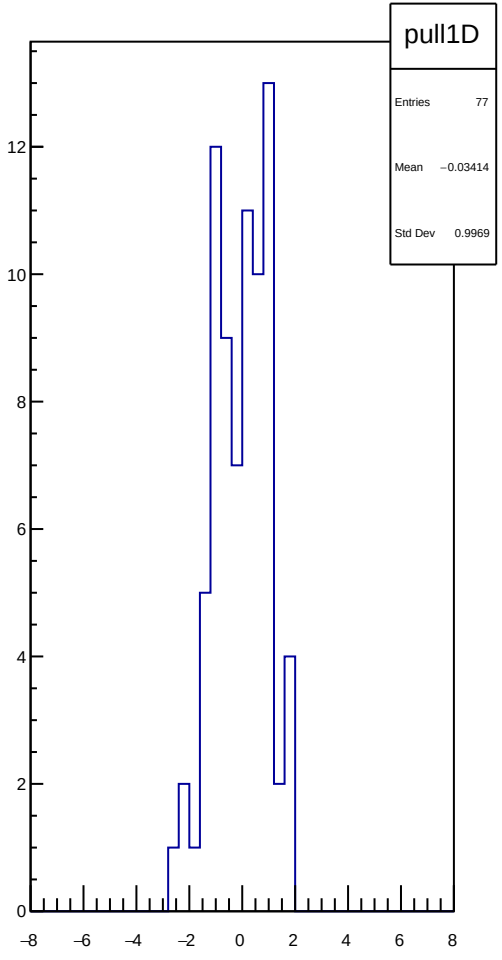

pull1D
Entries 77
Mean 0.01661
Std Dev 1.502

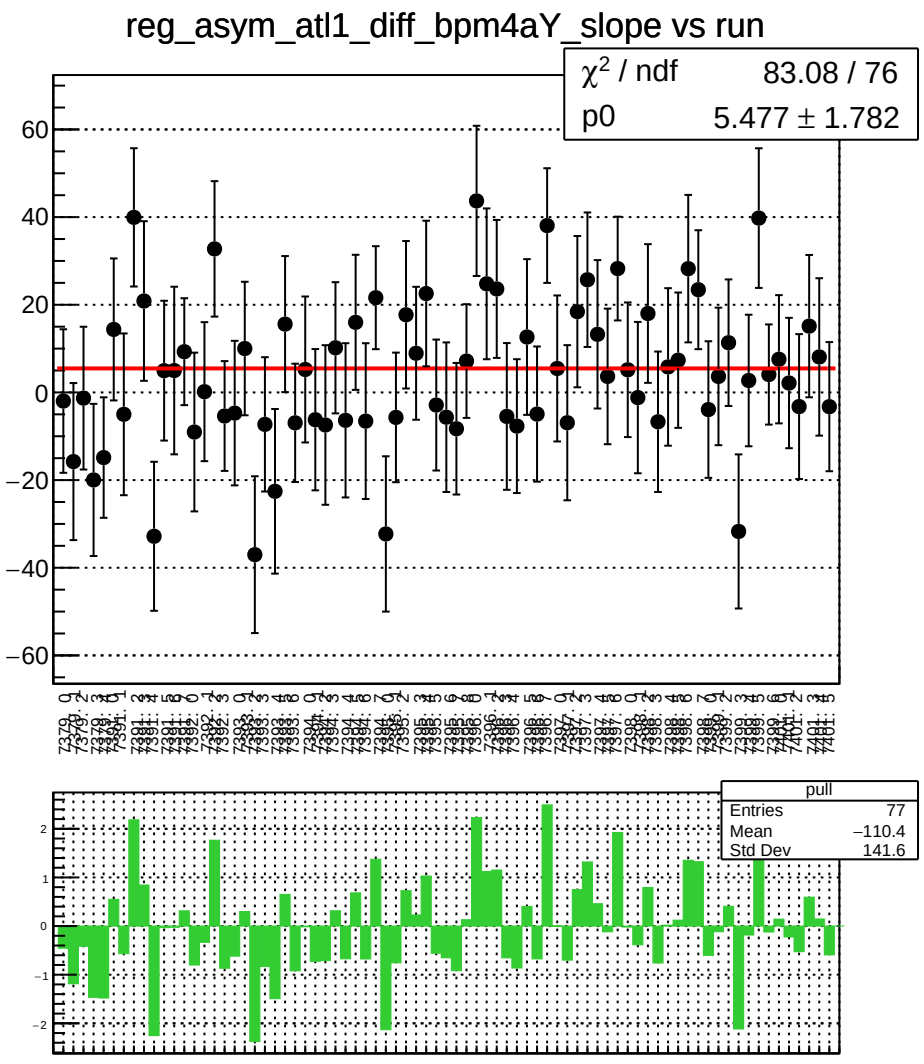

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs run
χ² / ndf 589 / 76
p0 −16.6 ± 0.3863
pull
Entries 77
Mean −53.54
Std Dev 88.5
pull1D
Entries 77
Mean −0.3273
Std Dev 2.746

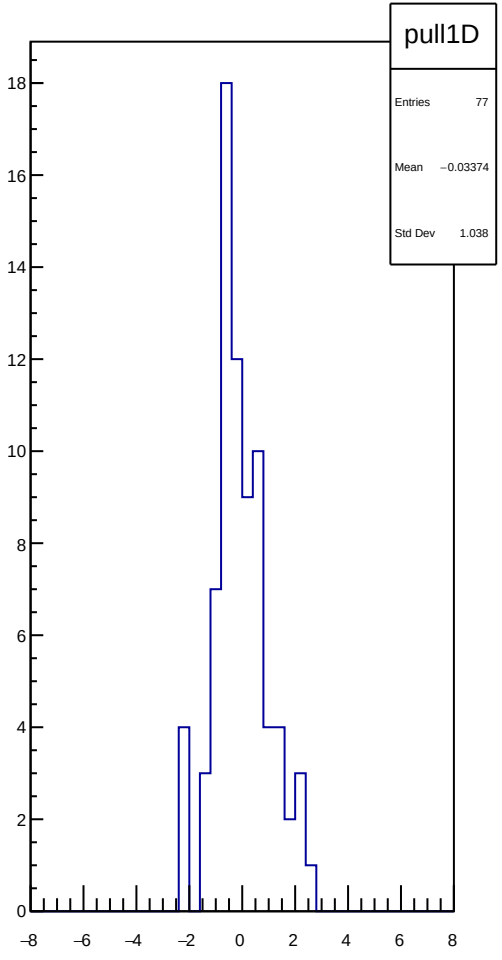

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs run
χ² / ndf 204.4 / 76
p0 25.05 ± 0.418
pull
Entries 77
Mean −151.1
Std Dev 181.5
pull1D
Entries 77
Mean 0.05292
Std Dev 1.628

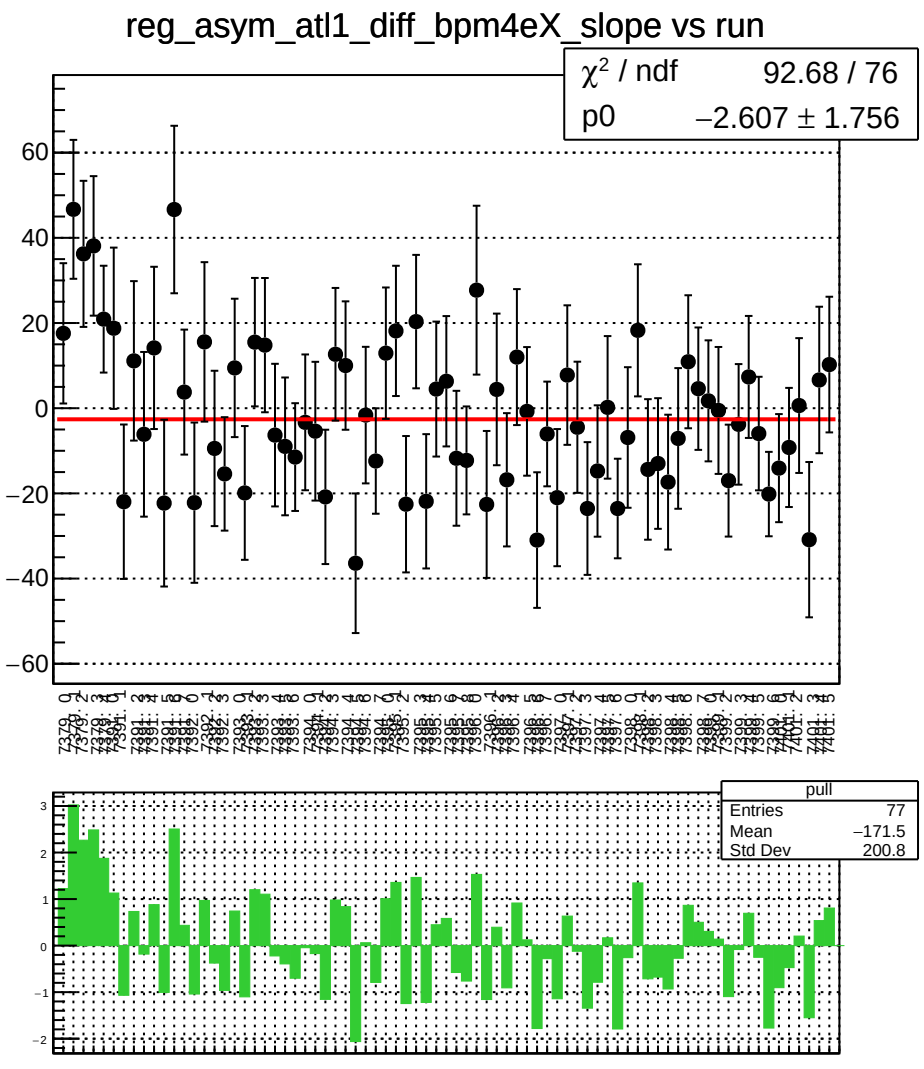

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs run
χ² / ndf 63.38 / 76
p0 0.5302 ± 0.01897
pull
Entries 77
Mean 3739
Std Dev 3698
pull1D
Entries 77
Mean −0.004212
Std Dev 0.9072

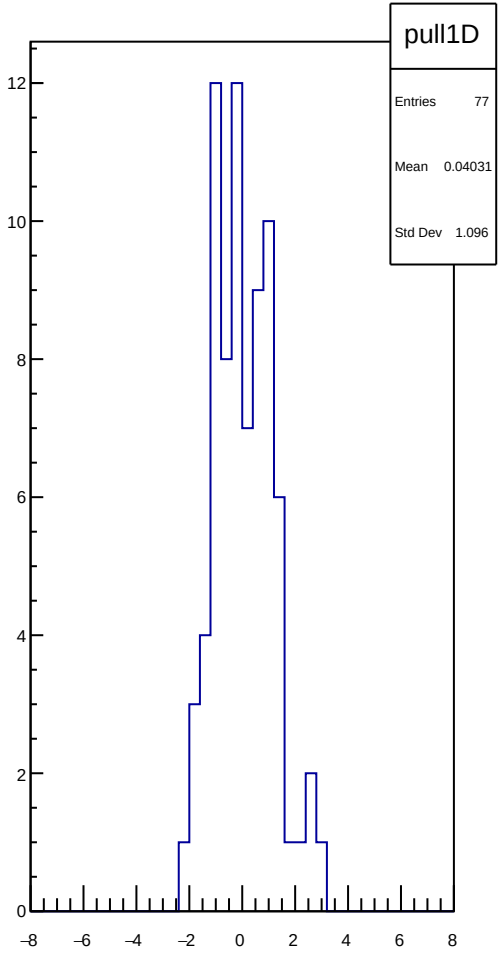

reg_asym_atl1_diff_bpm1X_slope vs run
χ² / ndf 76.61 / 76
p0 28.92 ± 1.692
pull
Entries 77
Mean −162.1
Std Dev 191.9

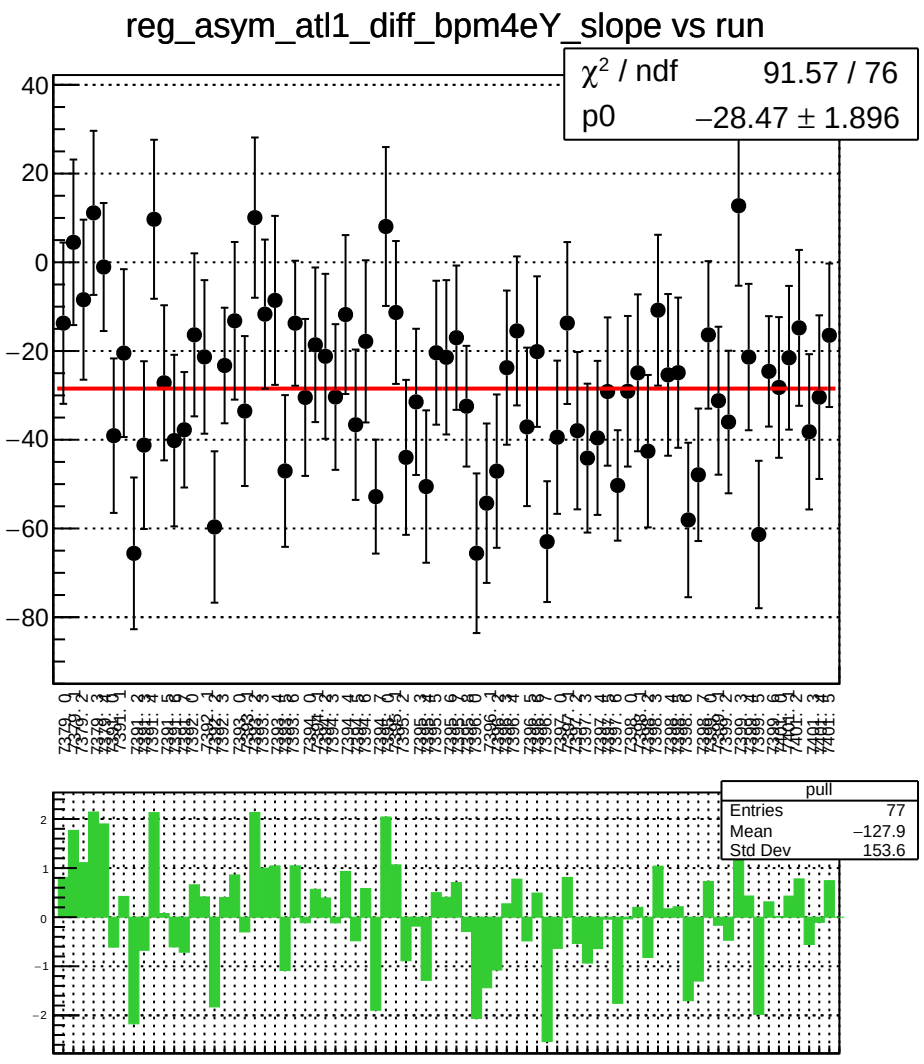

pull1D
Entries 77
Mean −0.03414
Std Dev 0.9969

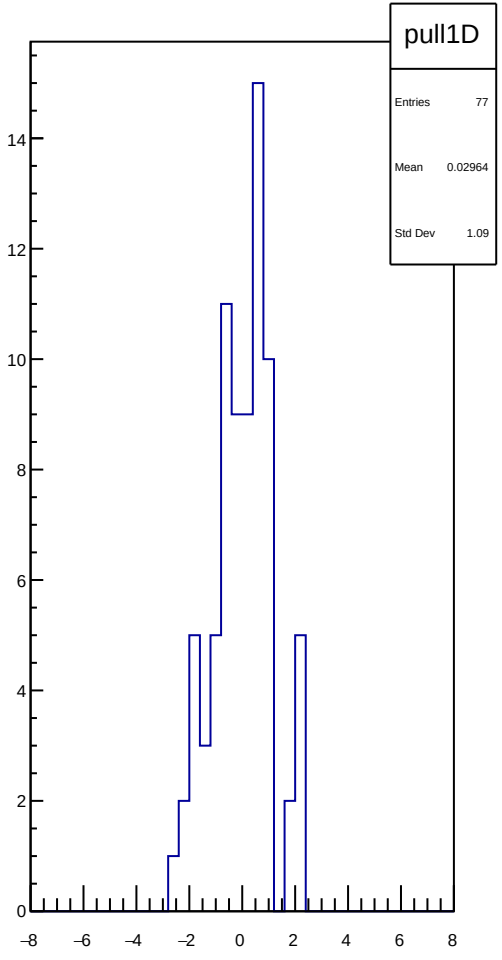

reg_asym_atl1_diff_bpm4aY_slope vs run
χ² / ndf 83.08 / 76
p0 5.477 ± 1.782
pull
Entries 77
Mean −110.4
Std Dev 141.6

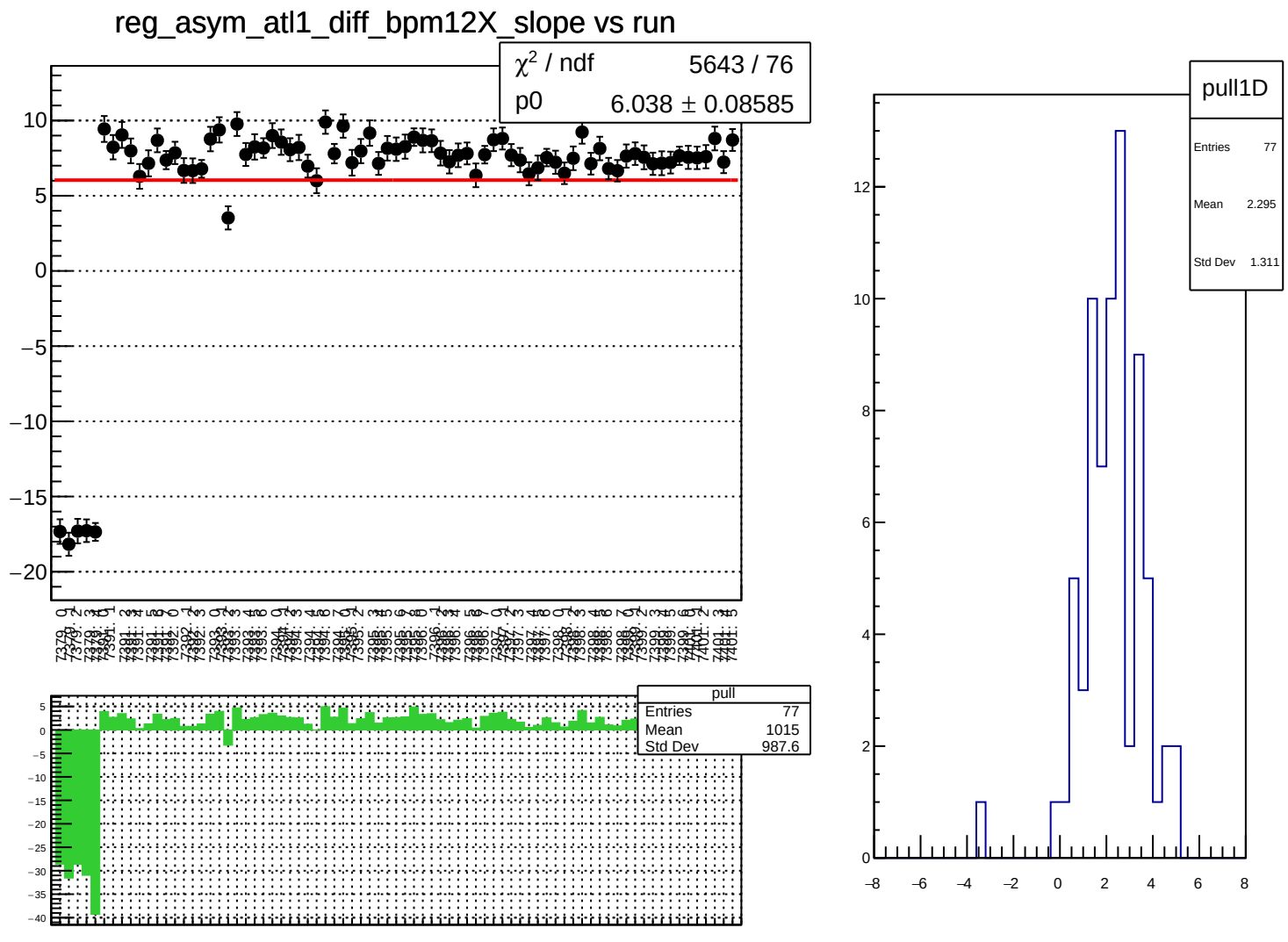

pull1D
Entries 77
Mean −0.03374
Std Dev 1.038

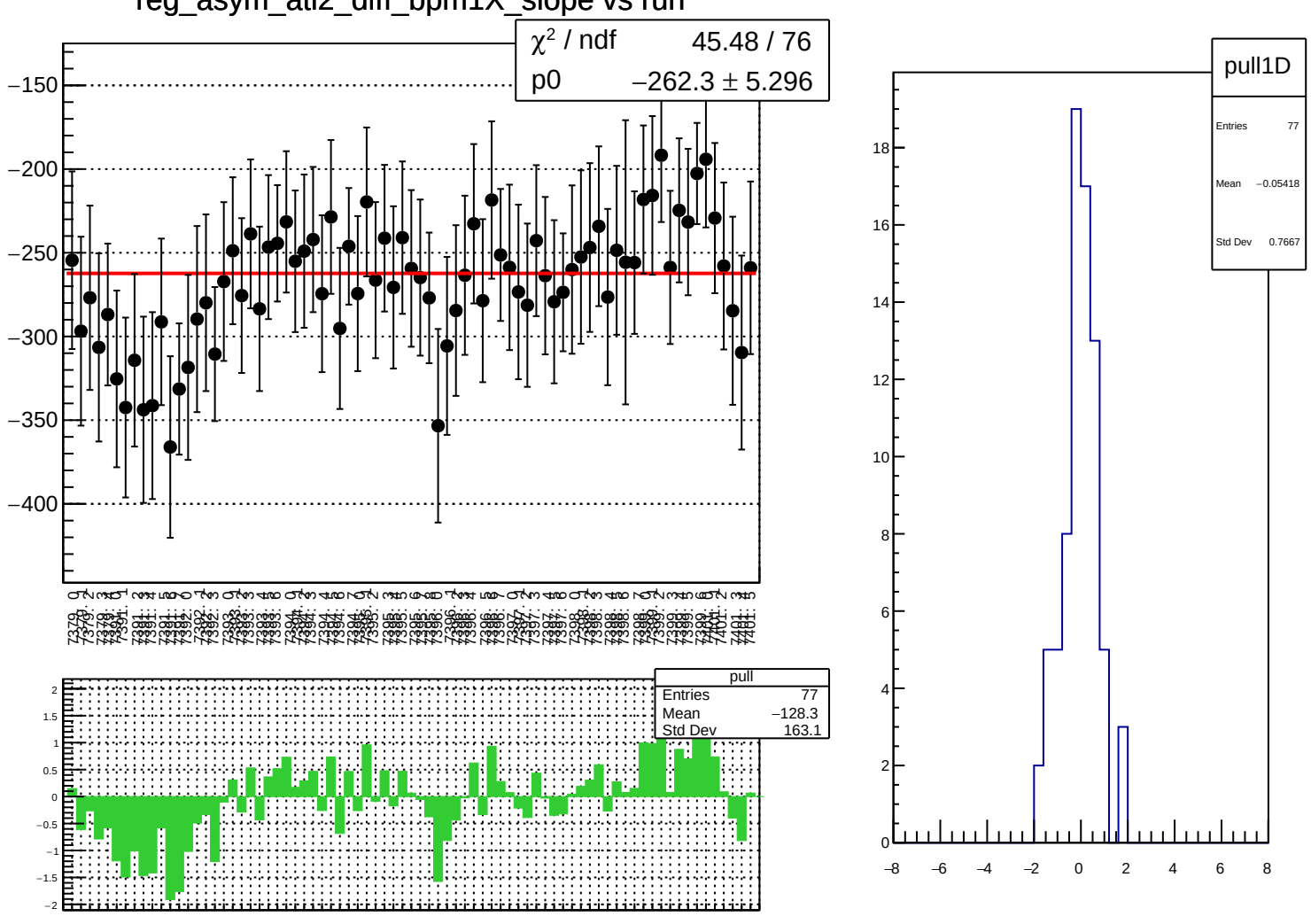

reg_asym_atl1_diff_bpm4eX_slope vs run
χ² / ndf 92.68 / 76
p0 −2.607 ± 1.756
pull
Entries 77
Mean −171.5
Std Dev 200.8

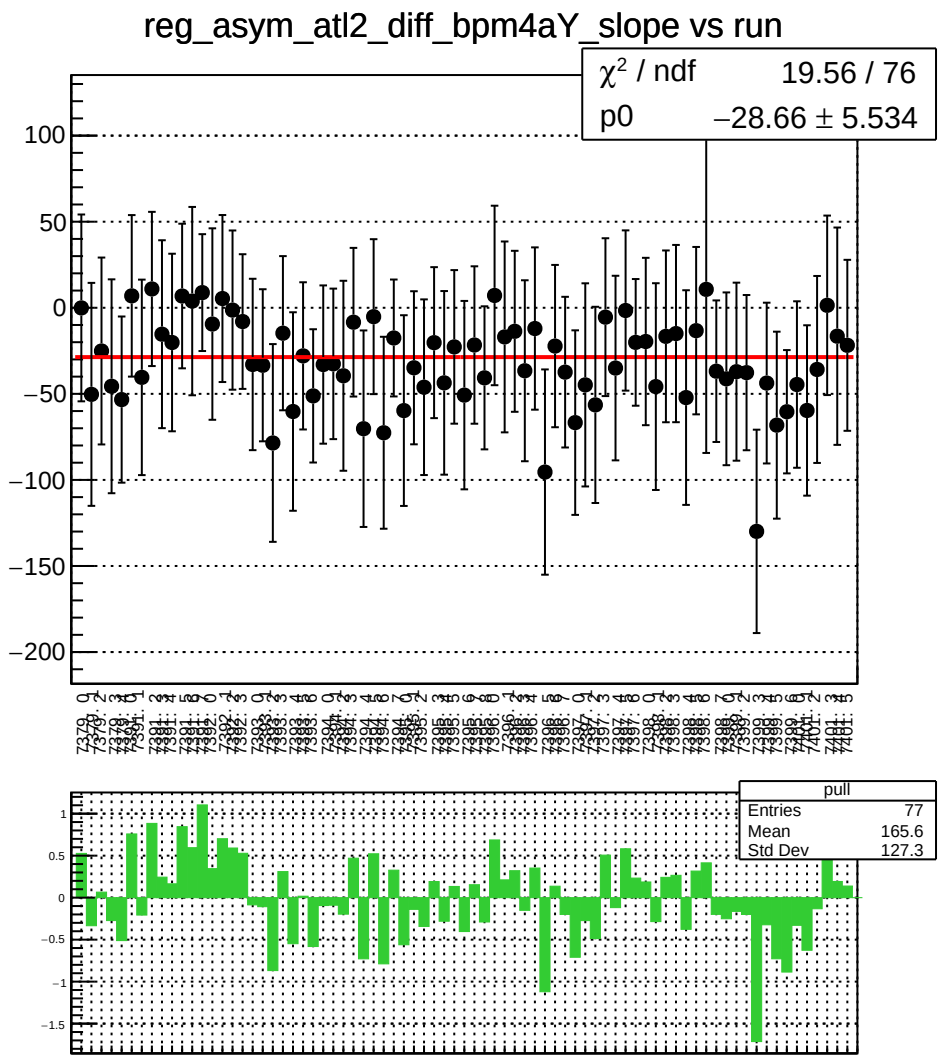

pull1D
Entries 77
Mean 0.04031
Std Dev 1.096

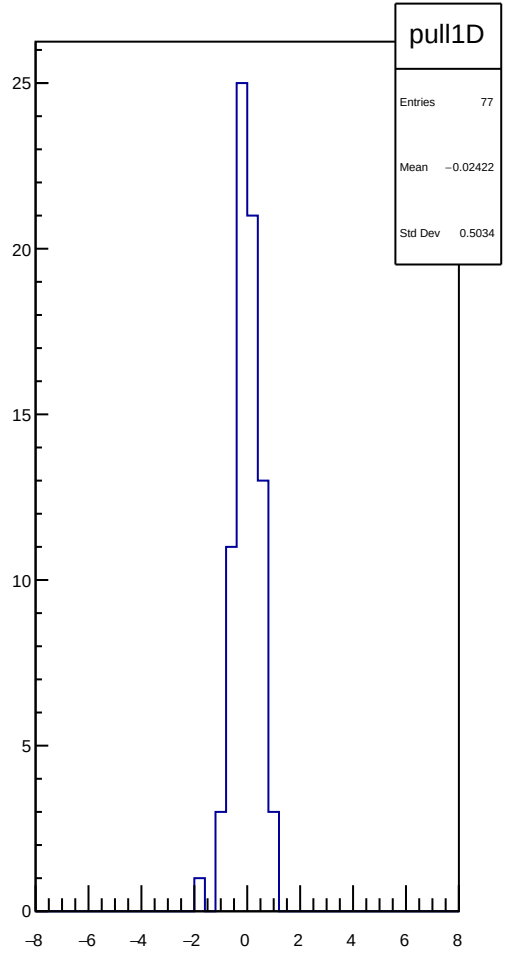

reg_asym_atl1_diff_bpm4eY_slope vs run
χ² / ndf 91.57 / 76
p0 −28.47 ± 1.896
pull
Entries 77
Mean −127.9
Std Dev 153.6

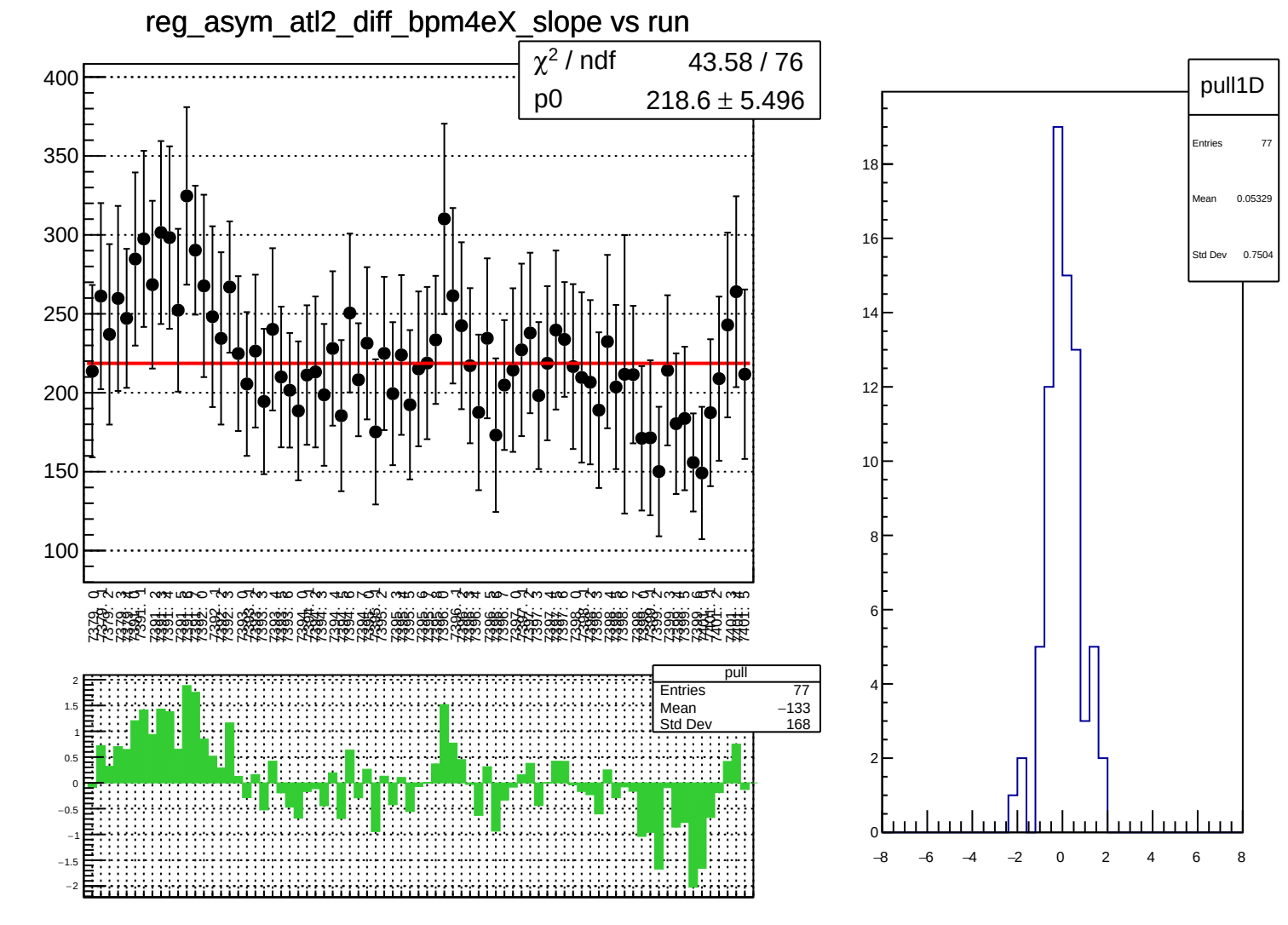

pull1D
Entries 77
Mean 0.02964
Std Dev 1.09

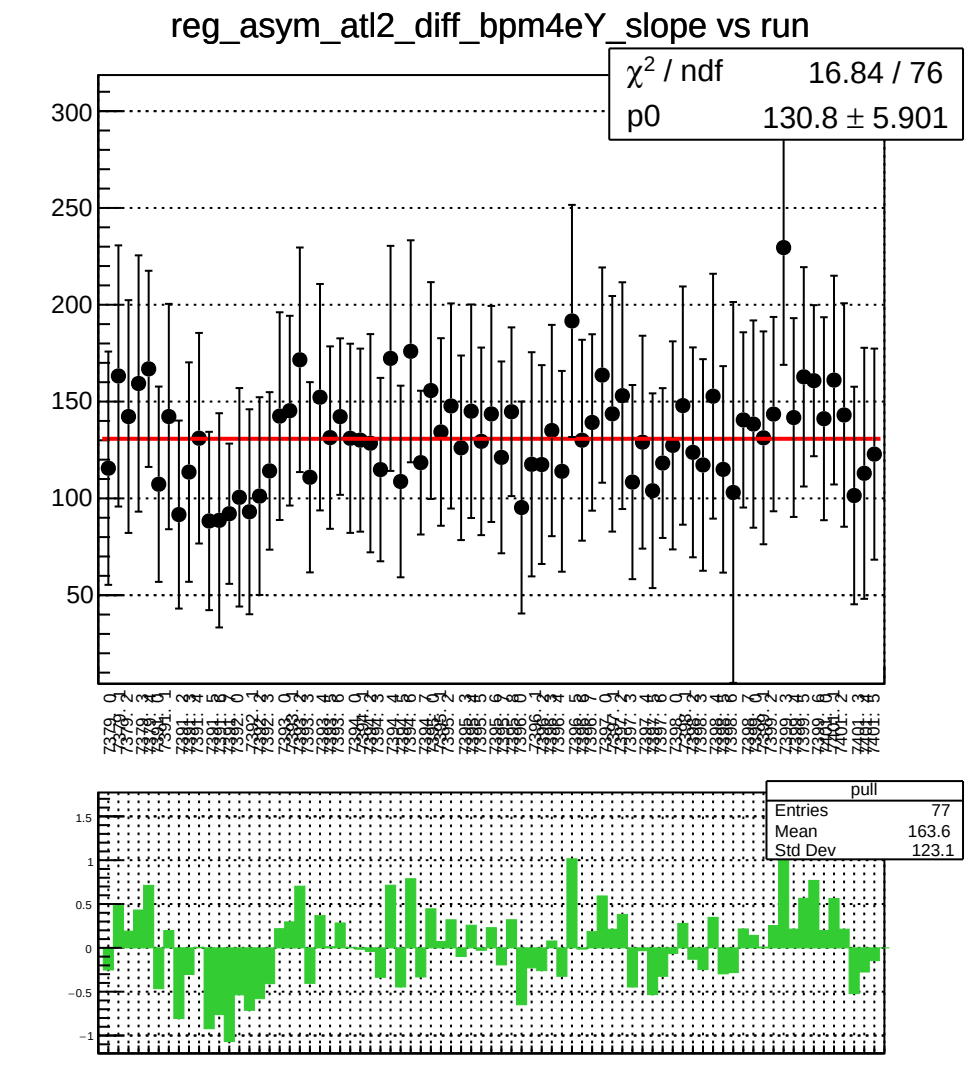

reg_asym_atl1_diff_bpm12X_slope vs run
χ² / ndf 5643 / 76
p0 6.038 ± 0.08585
pull
Entries 77
Mean 1015
Std Dev 987.6
pull1D
Entries 77
Mean 2.295
Std Dev 1.311

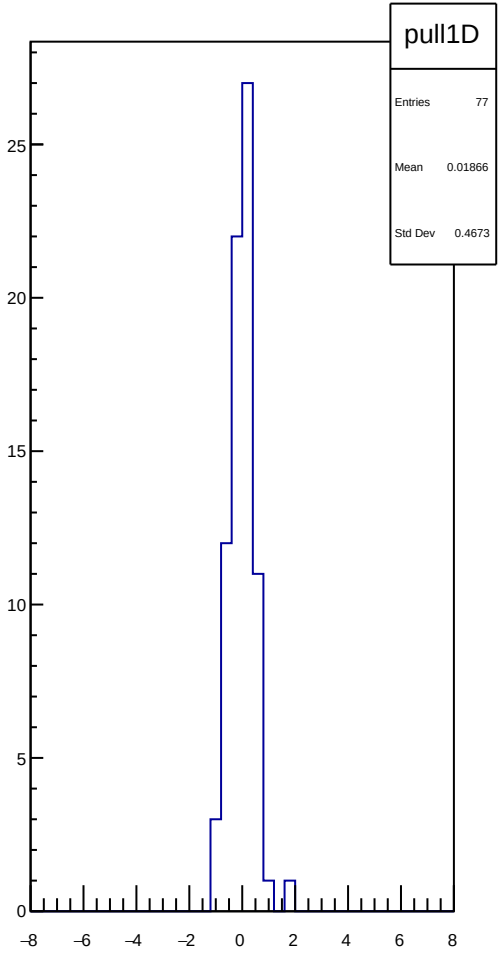

reg_asym_atl2_diff_bpm1X_slope vs run
χ² / ndf 45.48 / 76
p0 −262.3 ± 5.296
pull
Entries 77
Mean −128.3
Std Dev 163.1
pull1D
Entries 77
Mean −0.05418
Std Dev 0.7667

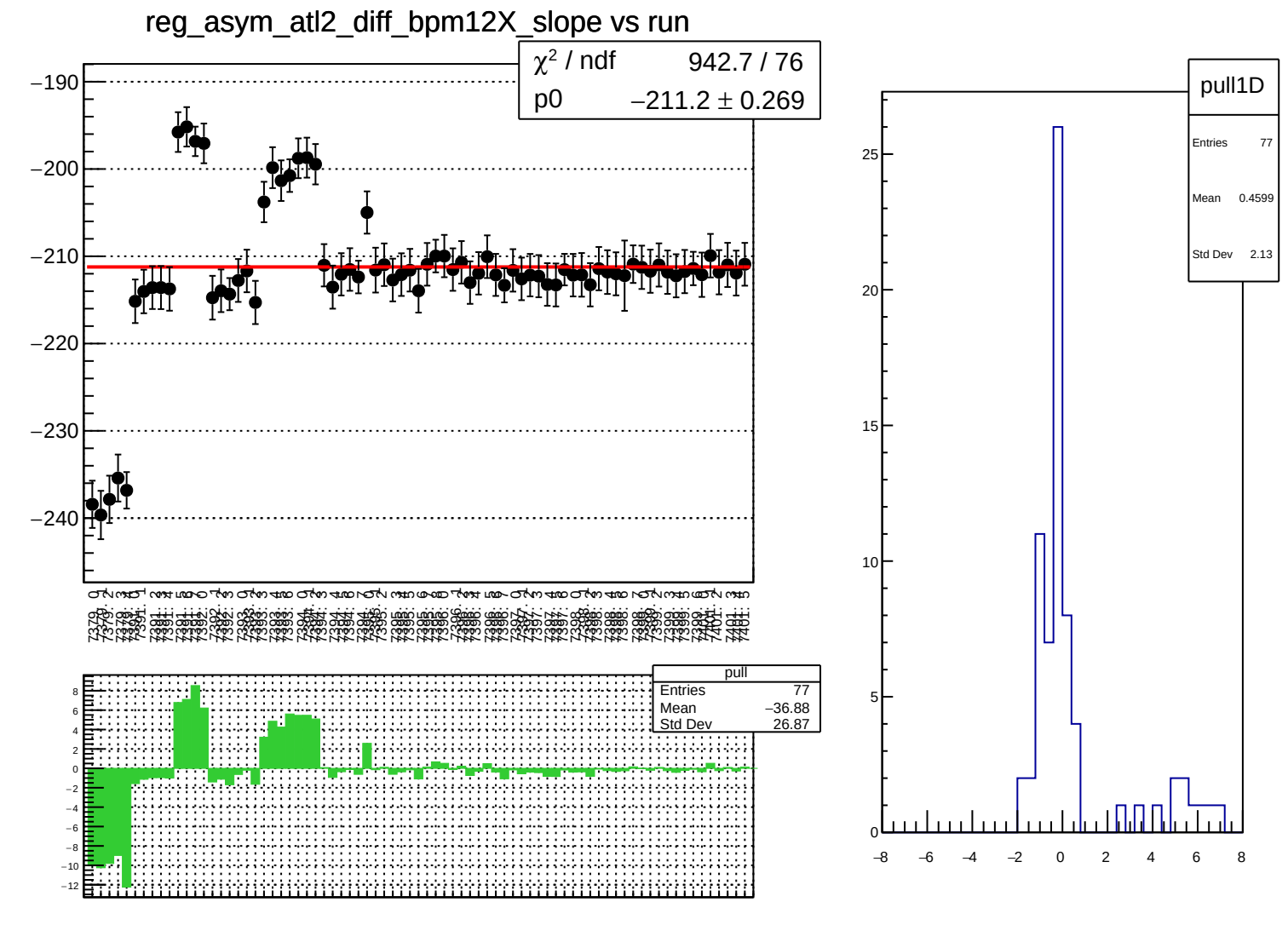

reg_asym_atl2_diff_bpm4aY_slope vs run
χ² / ndf 19.56 / 76
p0 −28.66 ± 5.534
pull
Entries 77
Mean 165.6
Std Dev 127.3

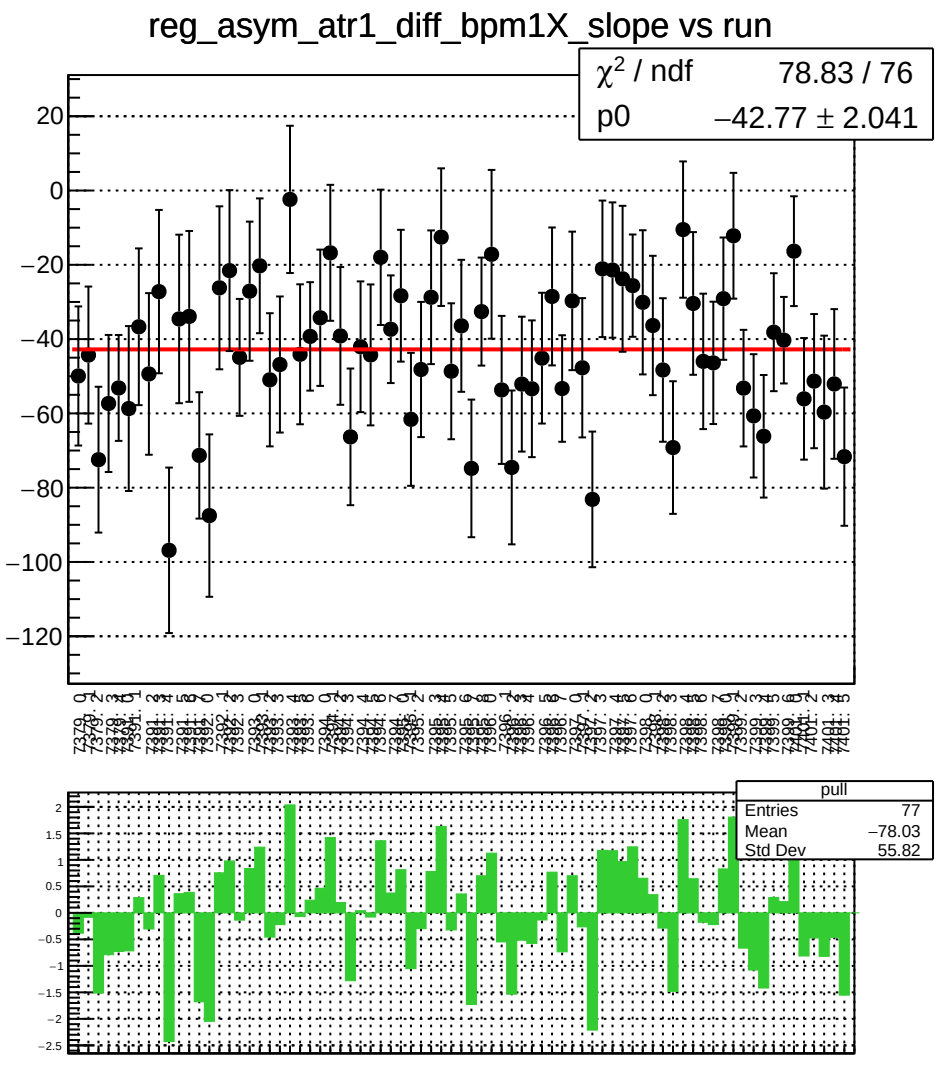

pull1D
Entries 77
Mean −0.02422
Std Dev 0.5034

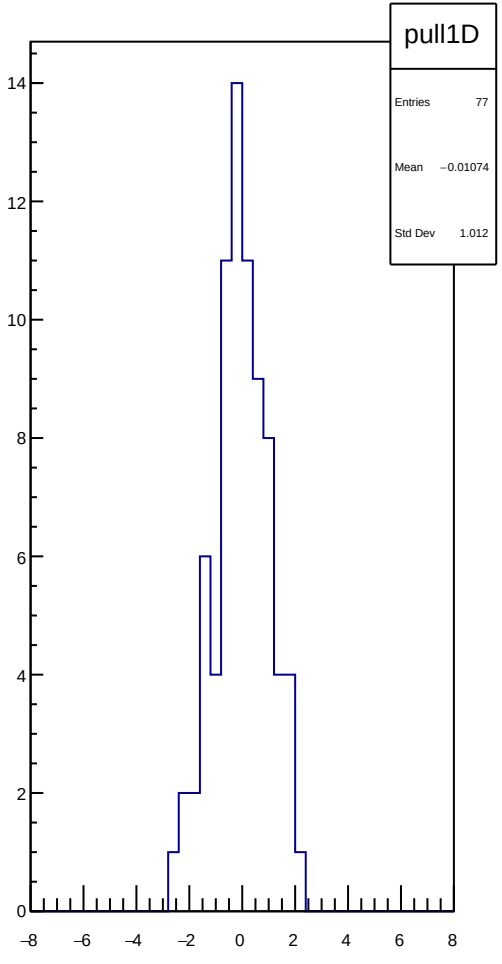

reg_asym_atl2_diff_bpm4eX_slope vs run
χ² / ndf 43.58 / 76
p0 218.6 ± 5.496
pull
Entries 77
Mean −133
Std Dev 168
pull1D
Entries 77
Mean 0.05329
Std Dev 0.7504

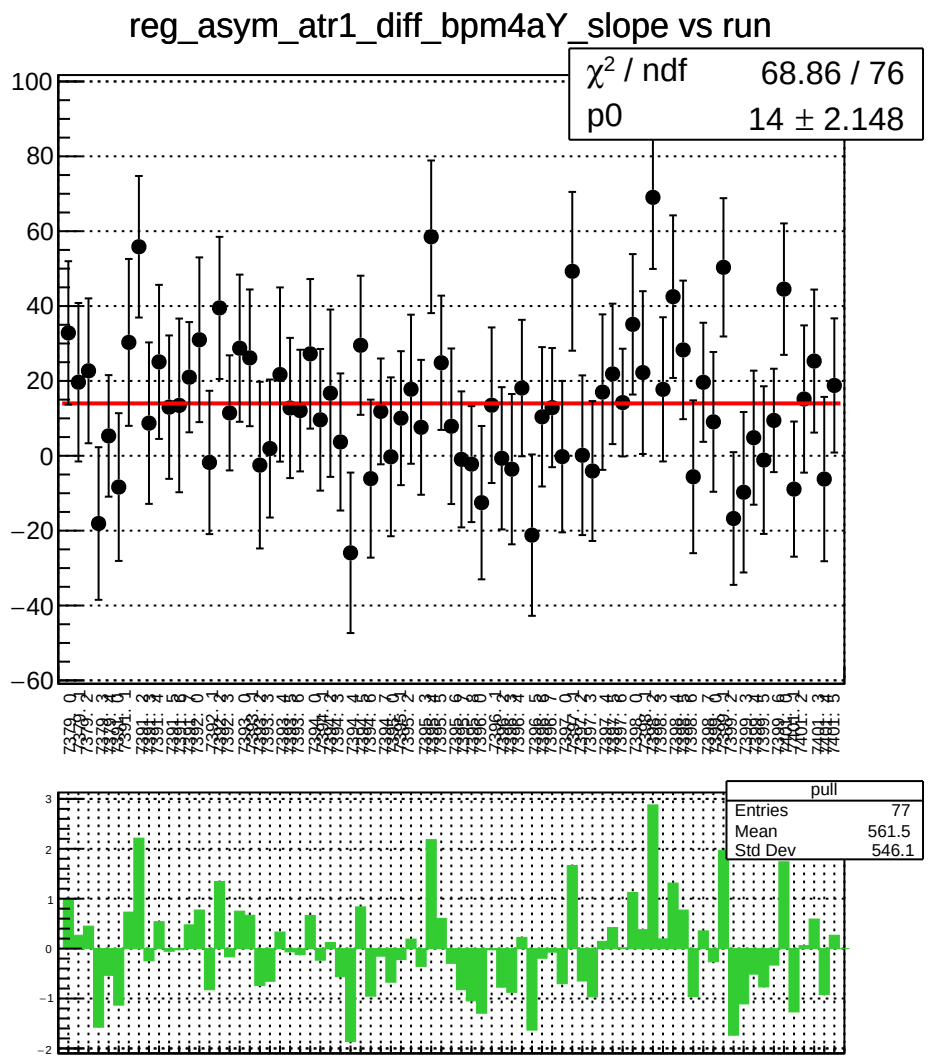

reg_asym_atl2_diff_bpm4eY_slope vs run
χ² / ndf 16.84 / 76
p0 130.8 ± 5.901
pull
Entries 77
Mean 163.6
Std Dev 123.1

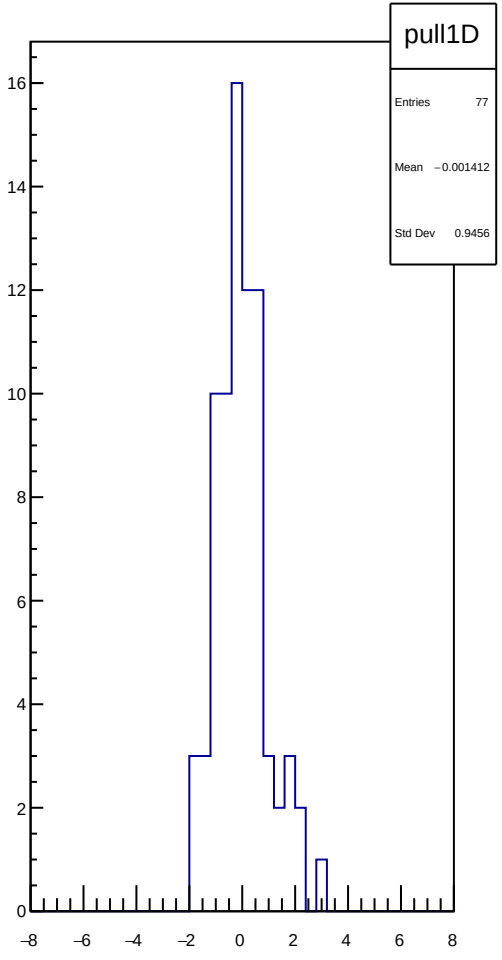

pull1D
Entries 77
Mean 0.01866
Std Dev 0.4673

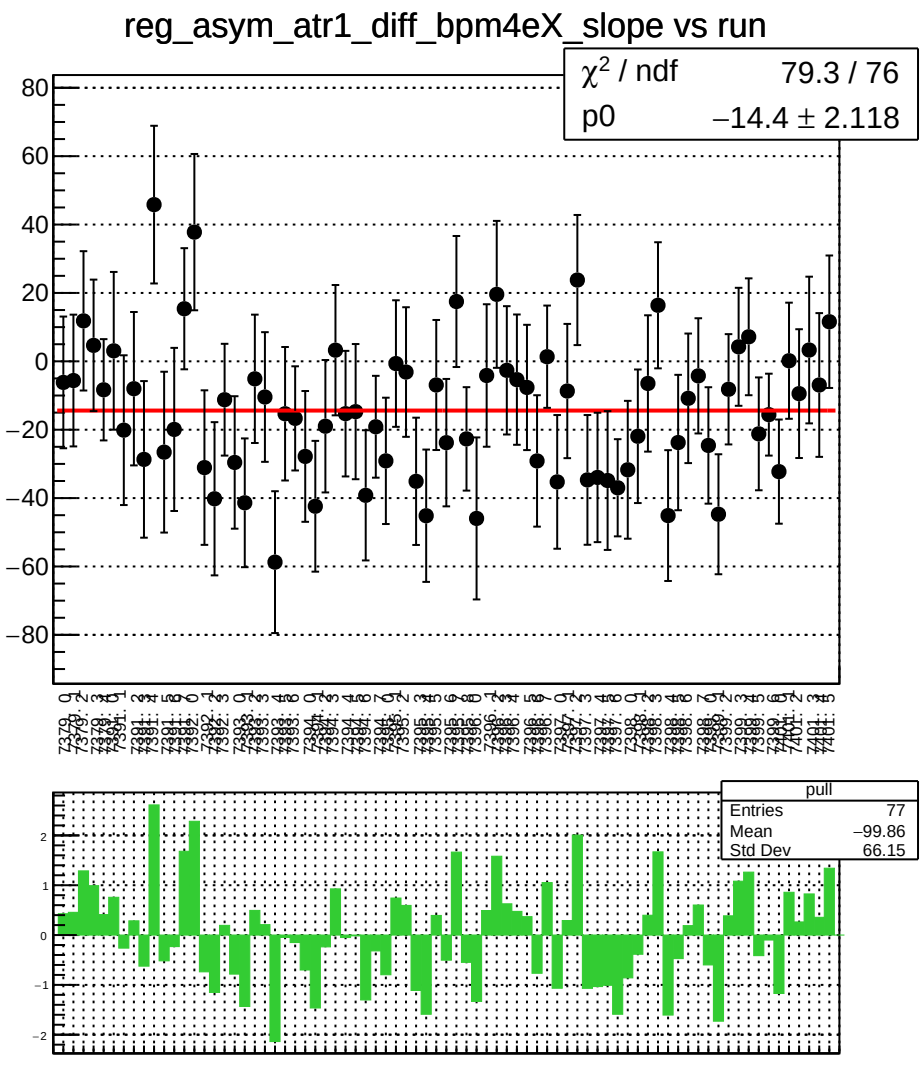

reg_asym_atl2_diff_bpm12X_slope vs run
χ² / ndf 942.7 / 76
p0 −211.2 ± 0.269
pull
Entries 77
Mean −36.88
Std Dev 26.87
pull1D
Entries 77
Mean 0.4599
Std Dev 2.13

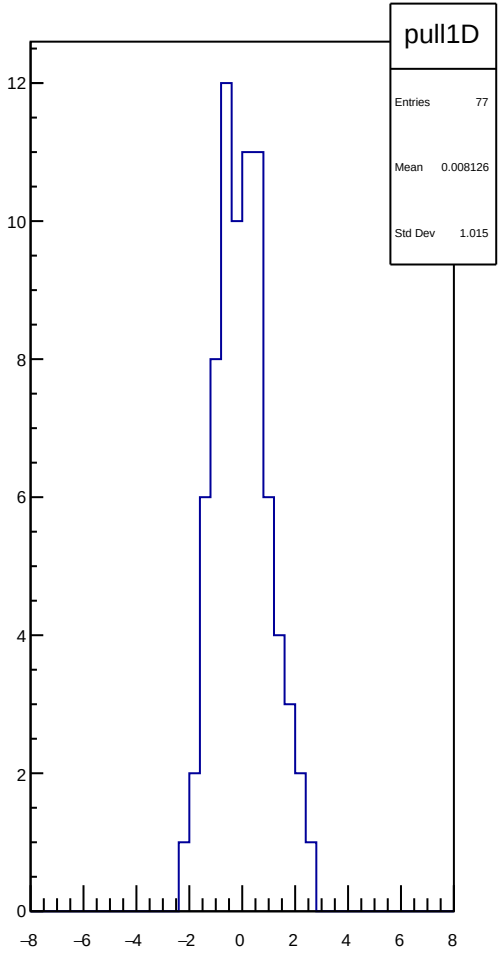

reg_asym_atr1_diff_bpm1X_slope vs run
χ² / ndf 78.83 / 76
p0 −42.77 ± 2.041
pull
Entries 77
Mean −78.03
Std Dev 55.82

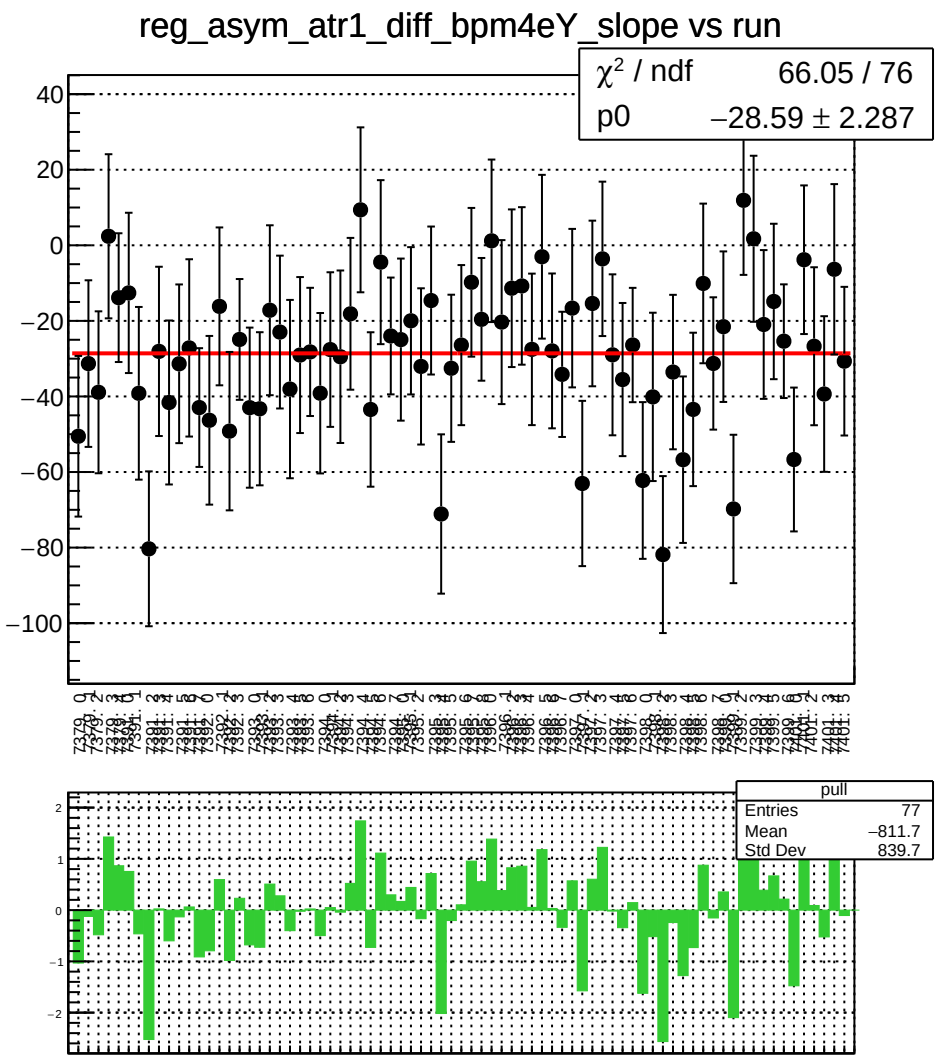

pull1D
Entries 77
Mean −0.01074
Std Dev 1.012

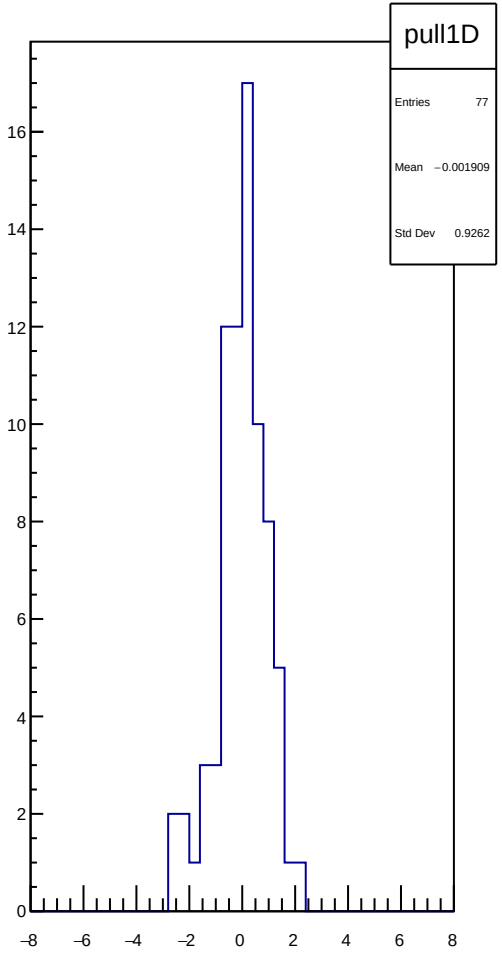

reg_asym_atr1_diff_bpm4aY_slope vs run
χ² / ndf 68.86 / 76
p0 14 ± 2.148
pull
Entries 77
Mean 561.5
Std Dev 546.1

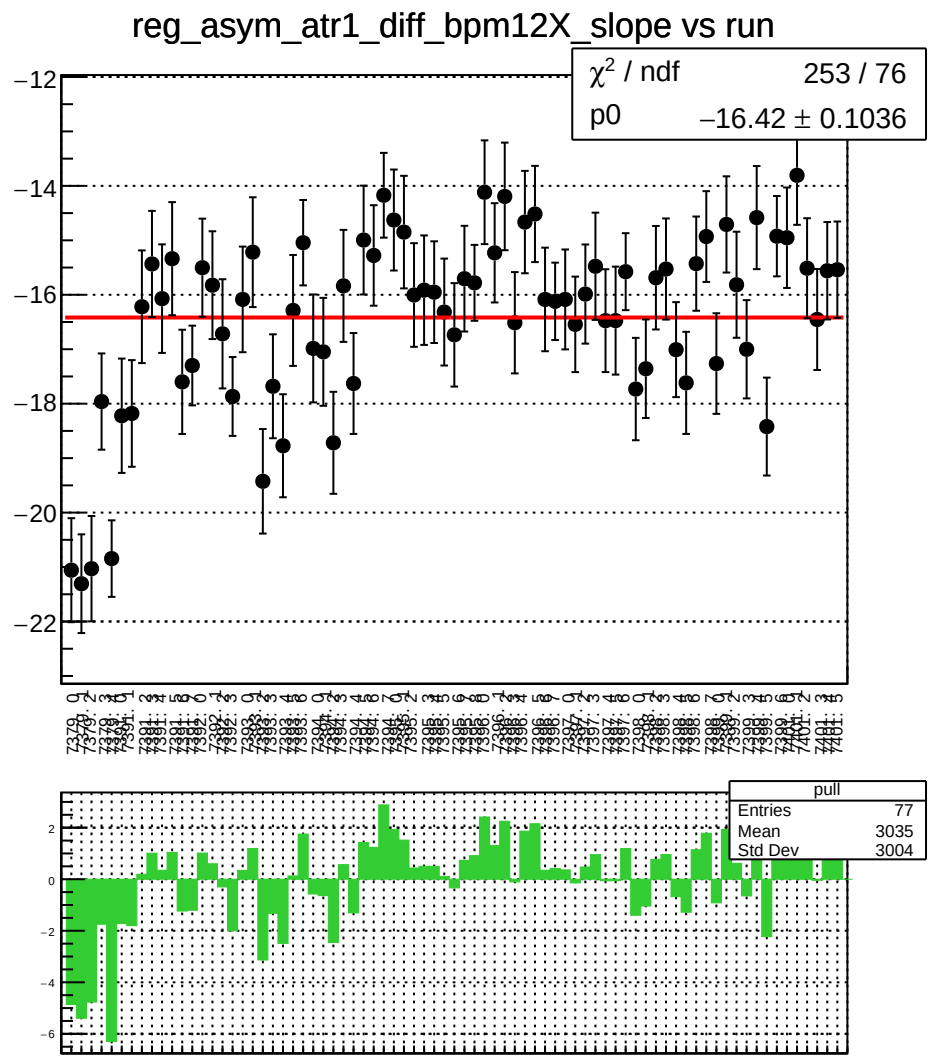

pull1D
Entries 77
Mean −0.001412
Std Dev 0.9456

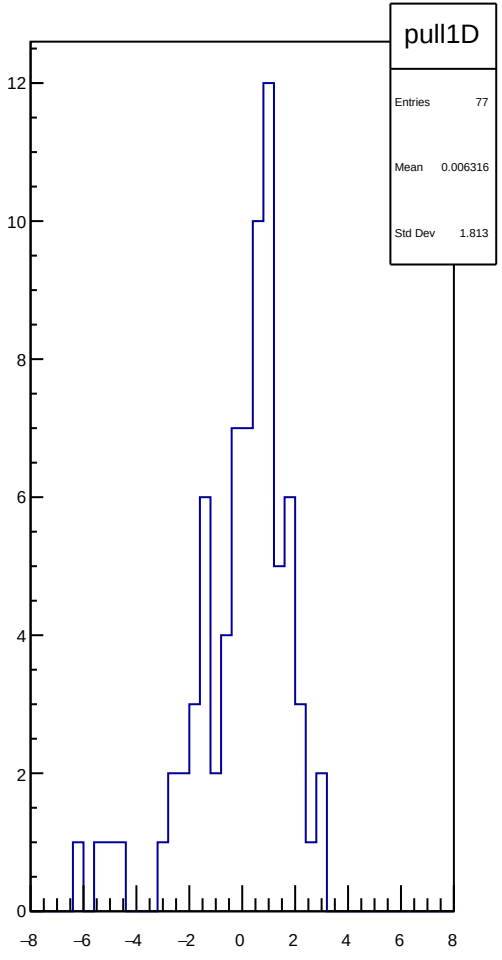

reg_asym_atr1_diff_bpm4eX_slope vs run
χ² / ndf 79.3 / 76
p0 −14.4 ± 2.118
pull
Entries 77
Mean −99.86
Std Dev 66.15

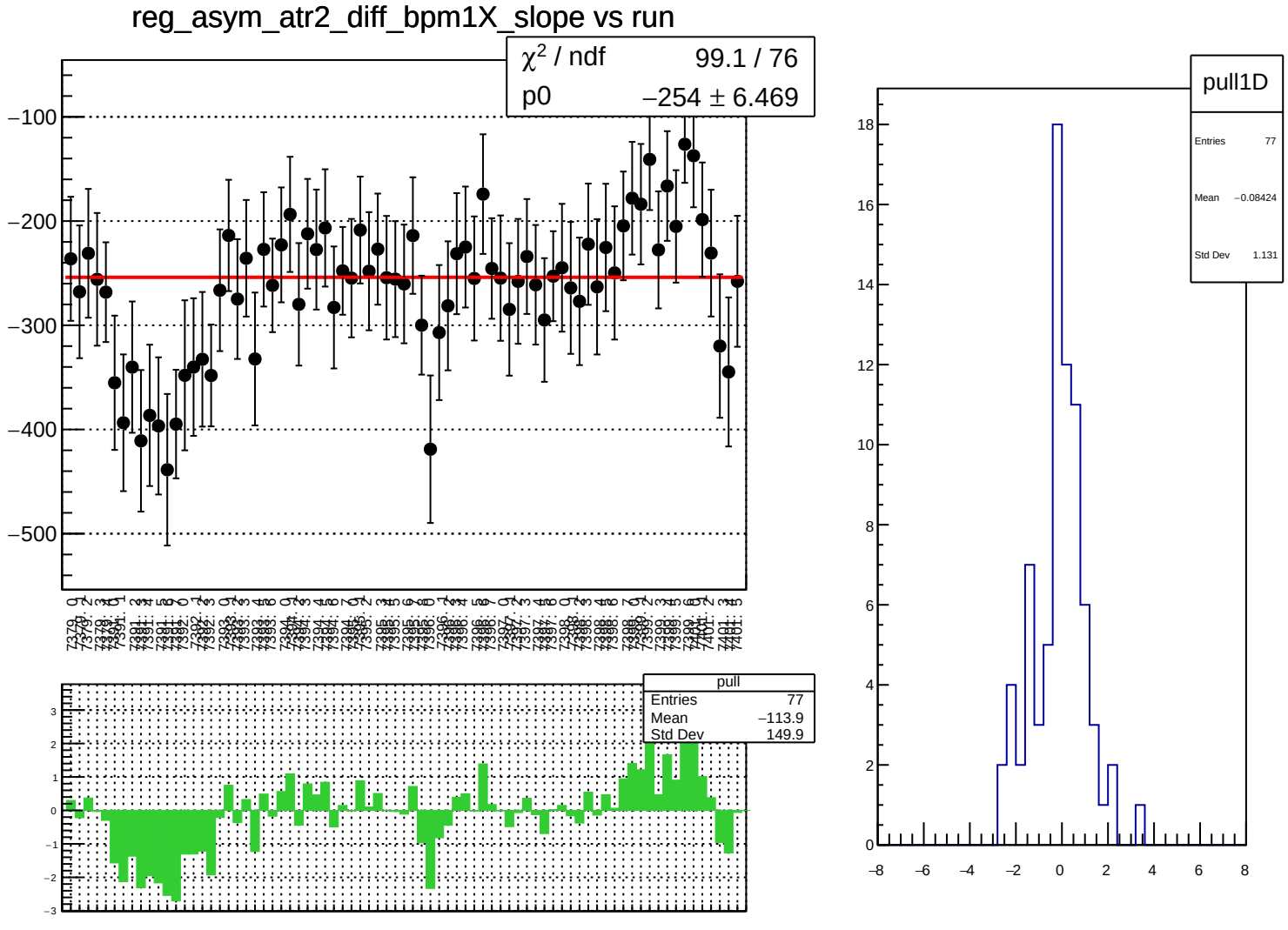

pull1D
Entries 77
Mean 0.008126
Std Dev 1.015

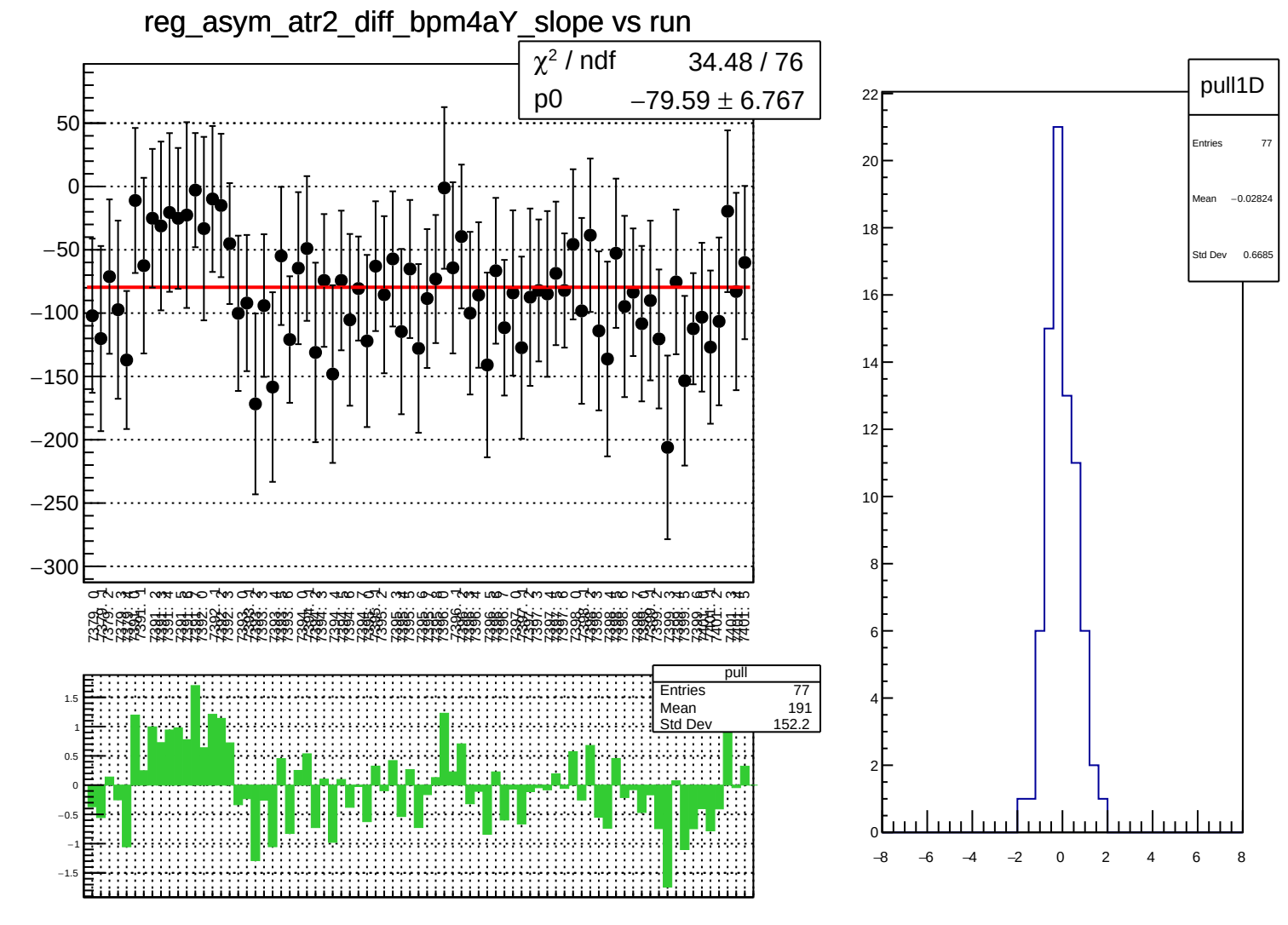

reg_asym_atr1_diff_bpm4eY_slope vs run
χ² / ndf 66.05 / 76
p0 −28.59 ± 2.287
pull
Entries 77
Mean −811.7
Std Dev 839.7

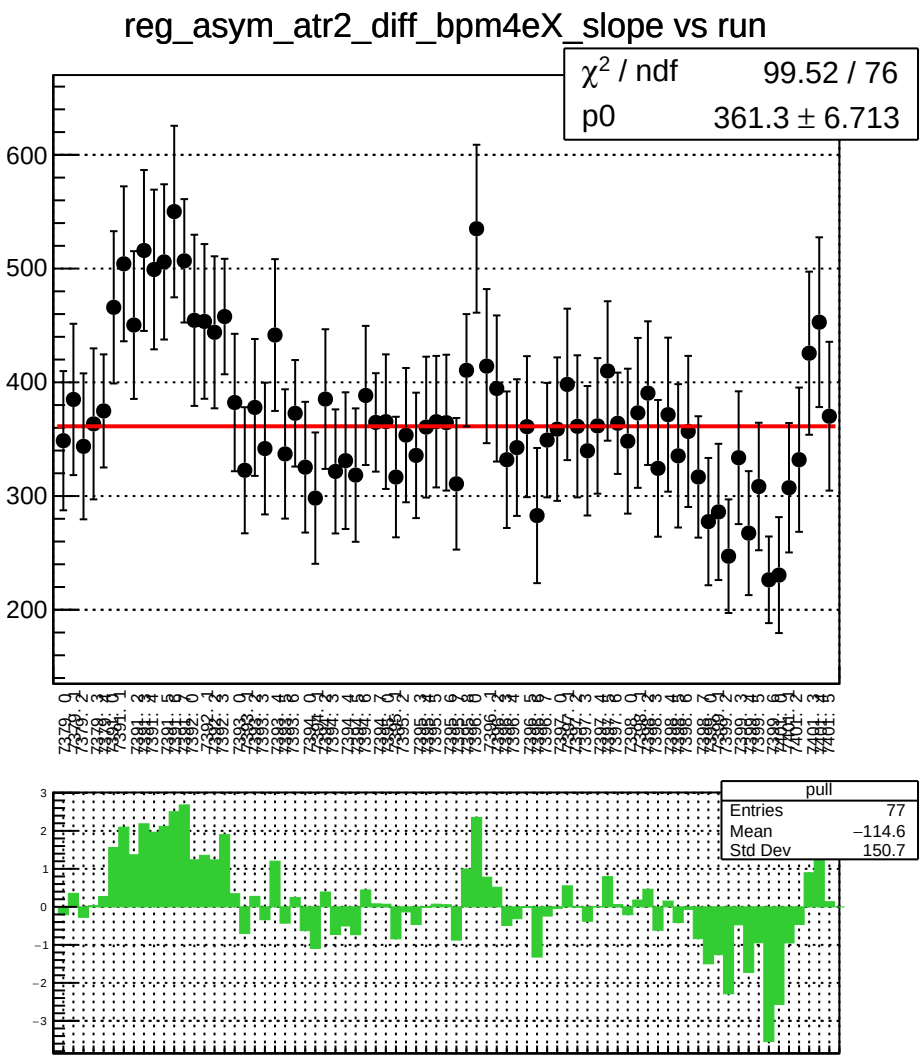

pull1D
Entries 77
Mean −0.001909
Std Dev 0.9262

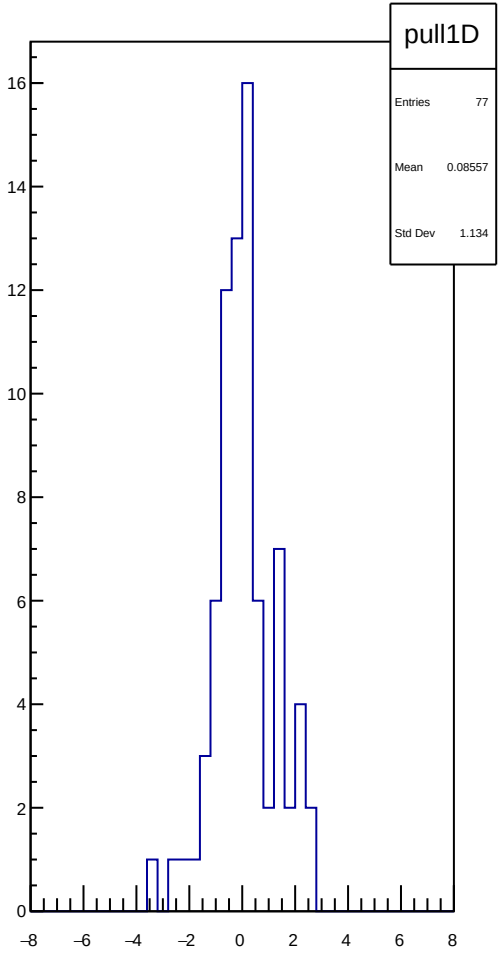

reg_asym_atr1_diff_bpm12X_slope vs run
χ² / ndf 253 / 76
p0 −16.42 ± 0.1036
pull
Entries 77
Mean 3035
Std Dev 3004

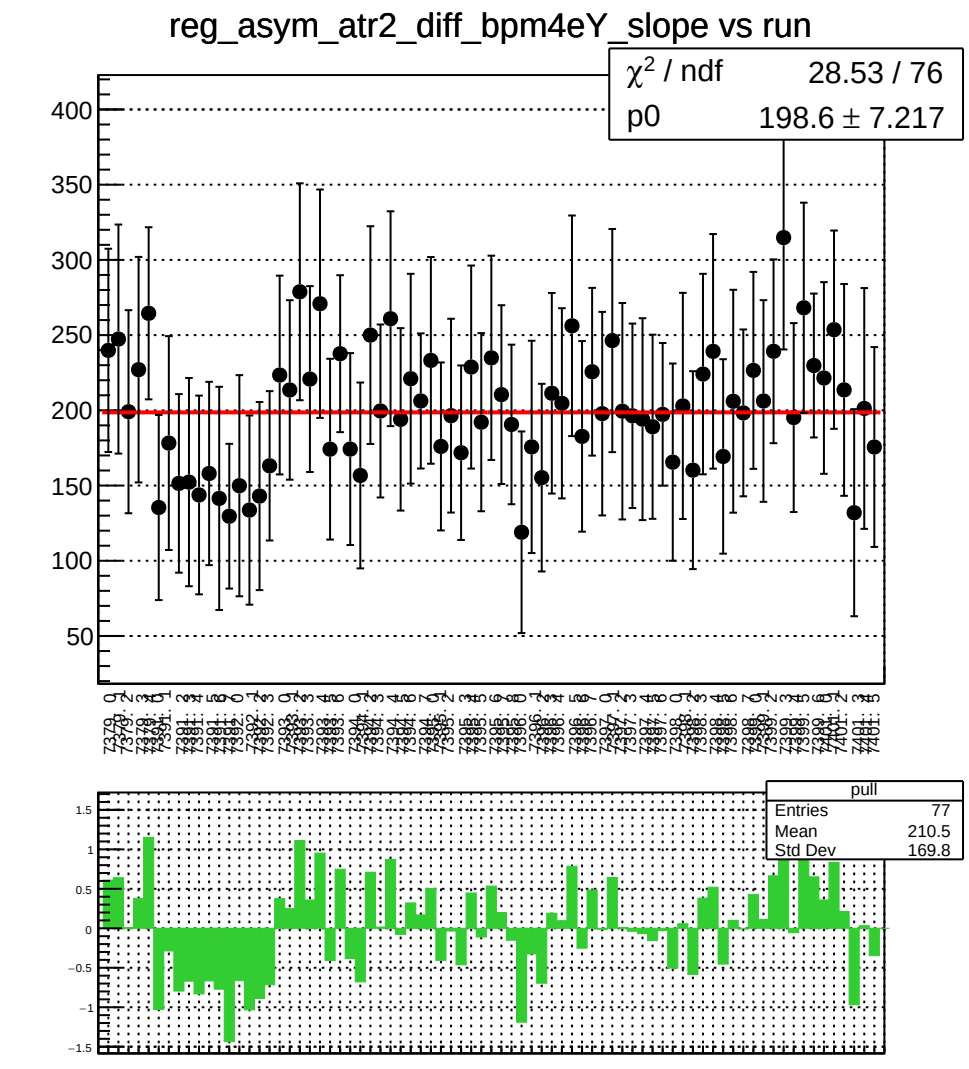

pull1D
Entries 77
Mean 0.006316
Std Dev 1.813

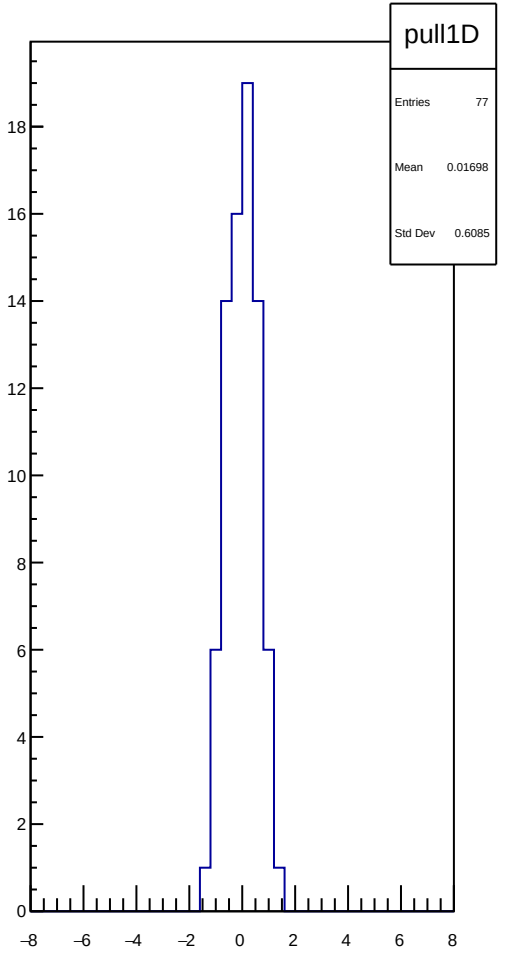

reg_asym_atr2_diff_bpm1X_slope vs run
χ² / ndf 99.1 / 76
p0 −254 ± 6.469
pull
Entries 77
Mean −113.9
Std Dev 149.9
pull1D
Entries 77
Mean −0.08424
Std Dev 1.131

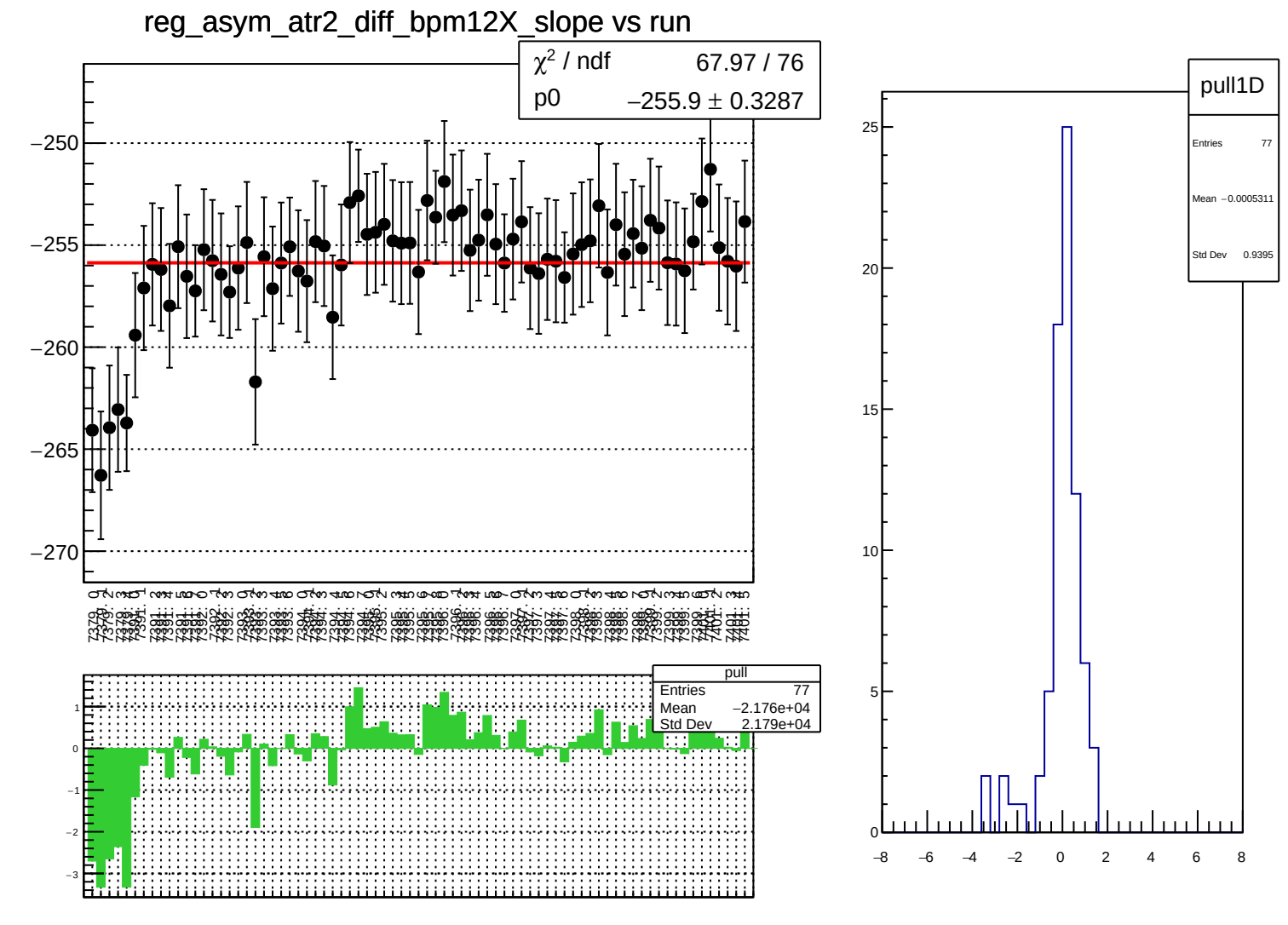

reg_asym_atr2_diff_bpm4aY_slope vs run
χ² / ndf 34.48 / 76
p0 −79.59 ± 6.767
pull
Entries 77
Mean 191
Std Dev 152.2
pull1D
Entries 77
Mean −0.02824
Std Dev 0.6685

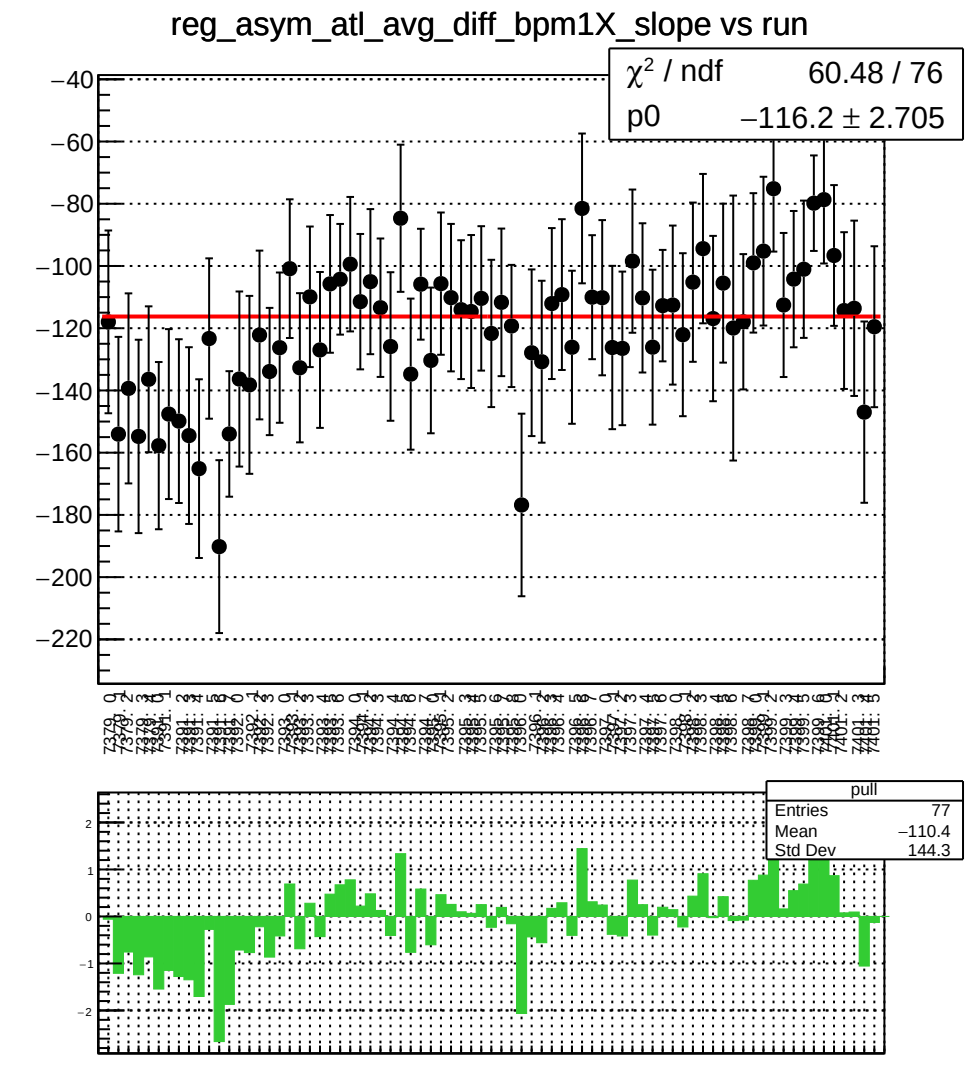

reg_asym_atr2_diff_bpm4eX_slope vs run
χ² / ndf 99.52 / 76
p0 361.3 ± 6.713
pull
Entries 77
Mean −114.6
Std Dev 150.7

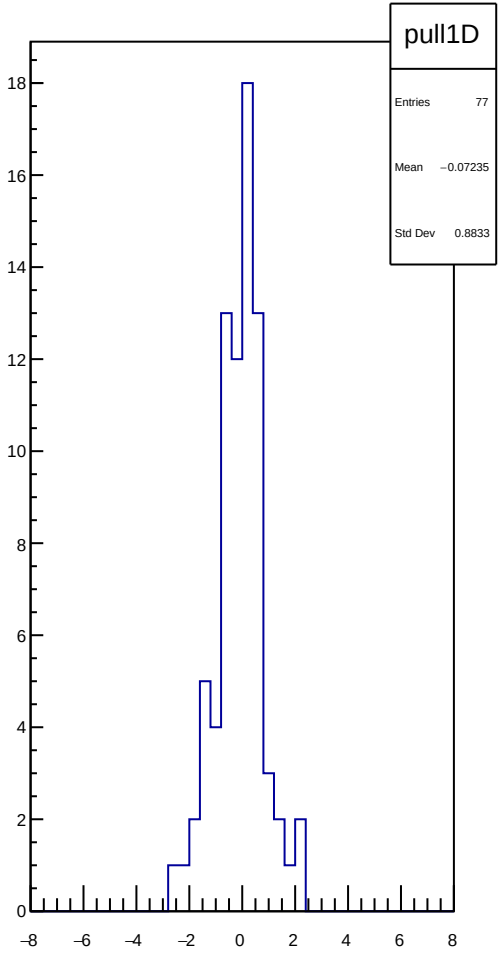

pull1D
Entries 77
Mean 0.08557
Std Dev 1.134

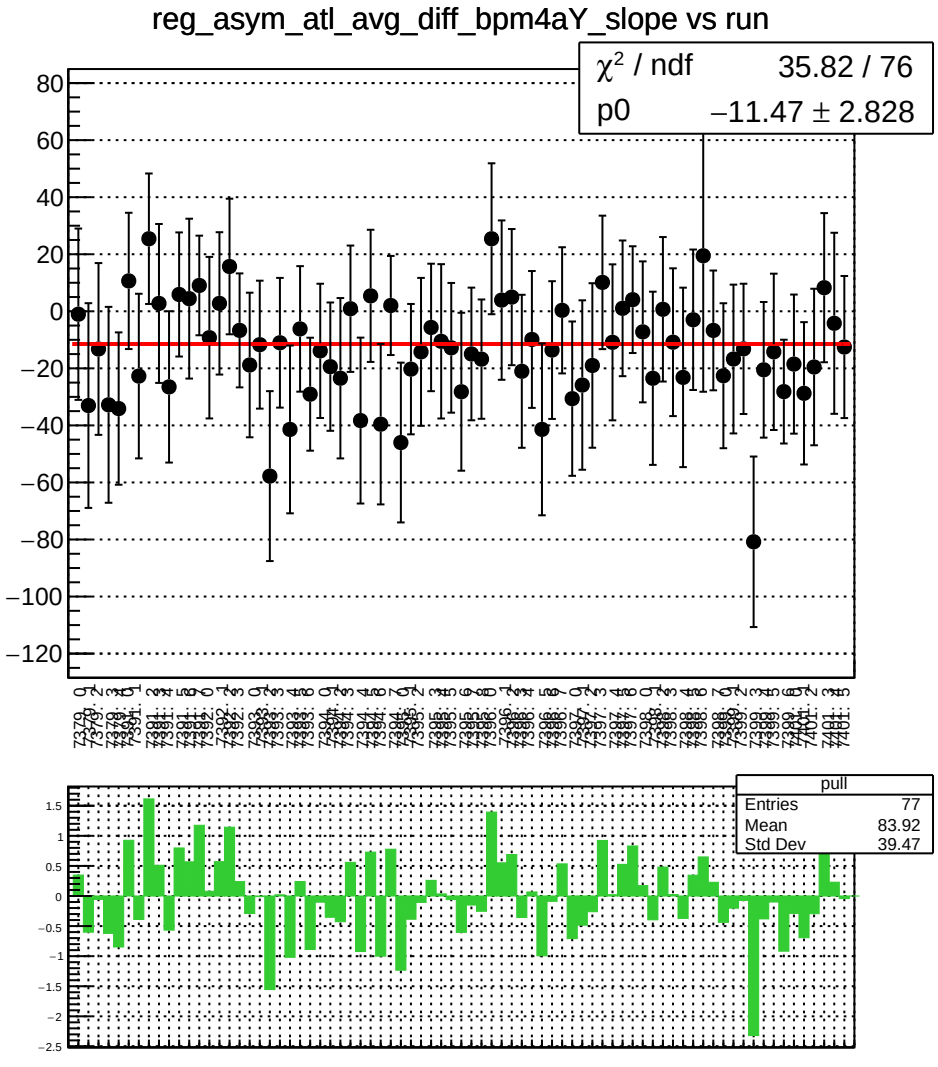

reg_asym_atr2_diff_bpm4eY_slope vs run
χ² / ndf 28.53 / 76
p0 198.6 ± 7.217
pull
Entries 77
Mean 210.5
Std Dev 169.8

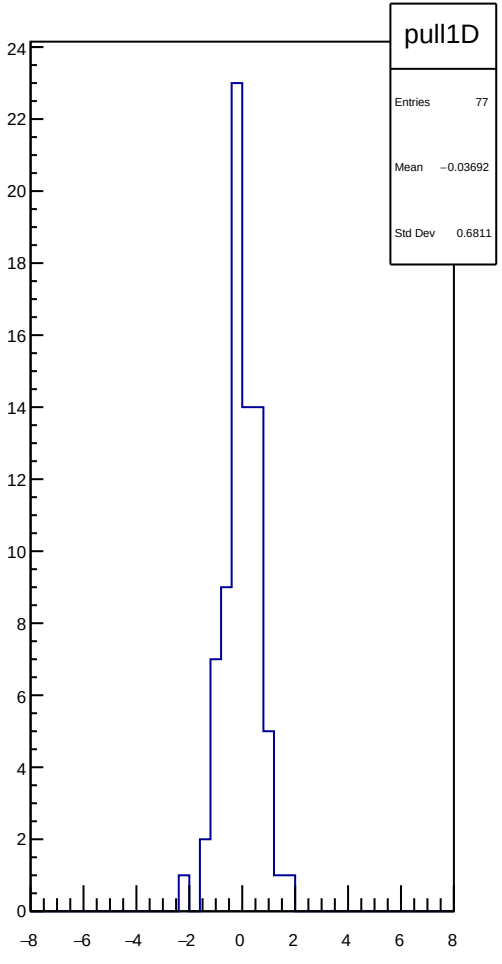

pull1D
Entries 77
Mean 0.01698
Std Dev 0.6085

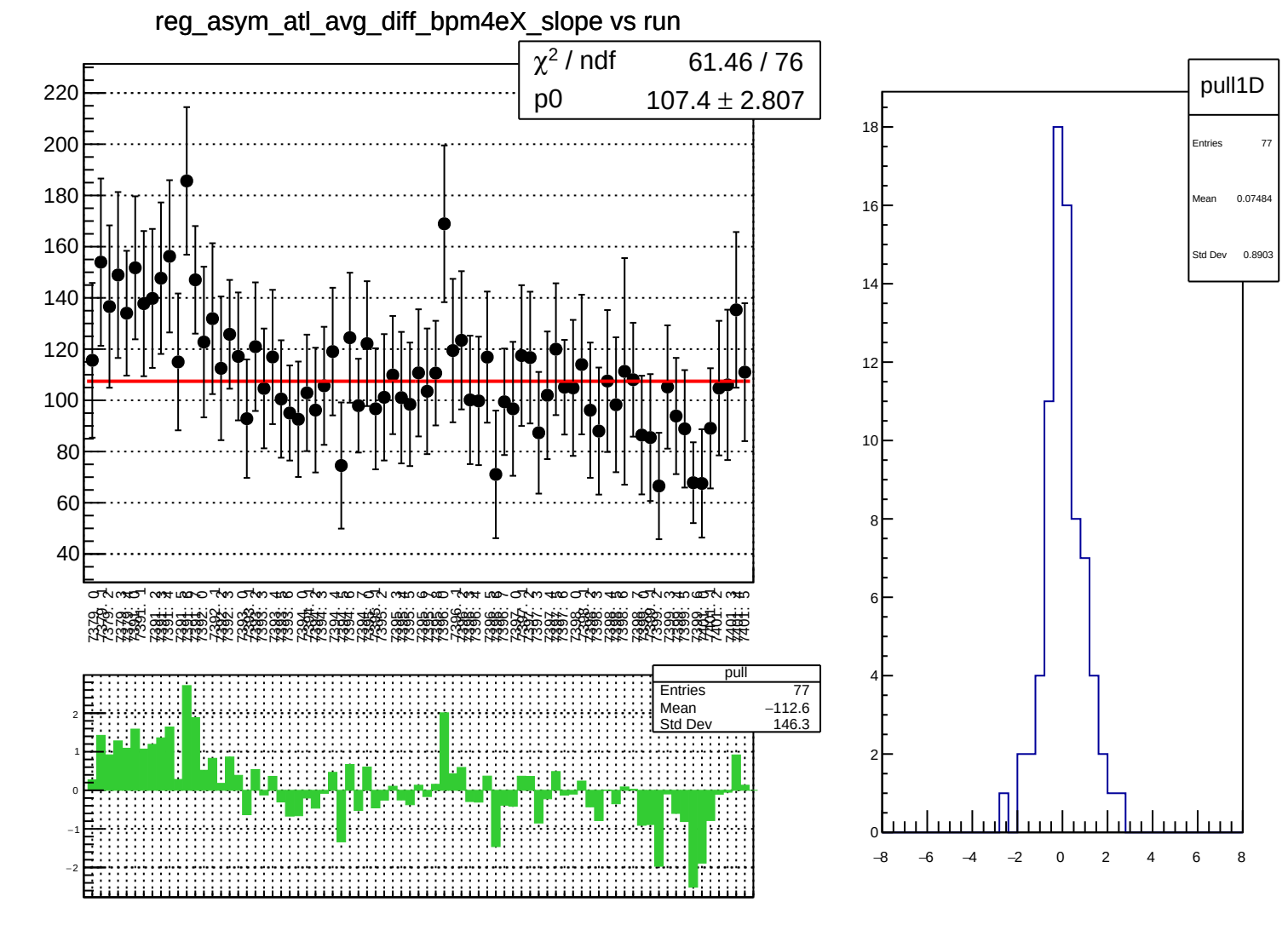

reg_asym_atr2_diff_bpm12X_slope vs run
χ² / ndf 67.97 / 76
p0 −255.9 ± 0.3287
−250
−255
−260
−265
−270
pull
Entries 77
Mean −2.176e+04
Std Dev 2.179e+04
1
0
−1
−2
−3
pull1D
Entries 77
Mean −0.0005311
Std Dev 0.9395
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

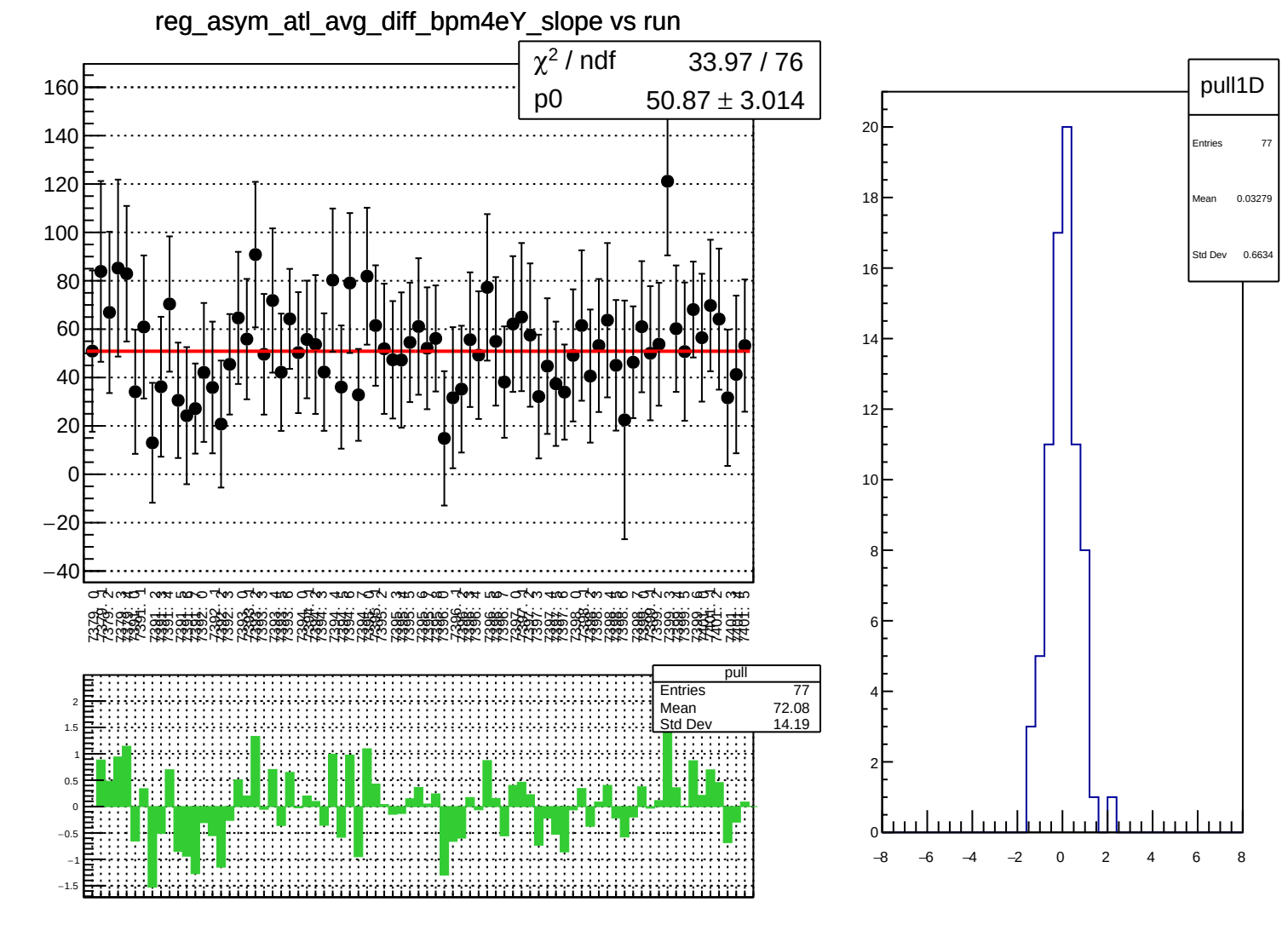

reg_asym_atl_avg_diff_bpm1X_slope vs run
χ² / ndf 60.48 / 76
p0 −116.2 ± 2.705
pull
Entries 77
Mean −110.4
Std Dev 144.3

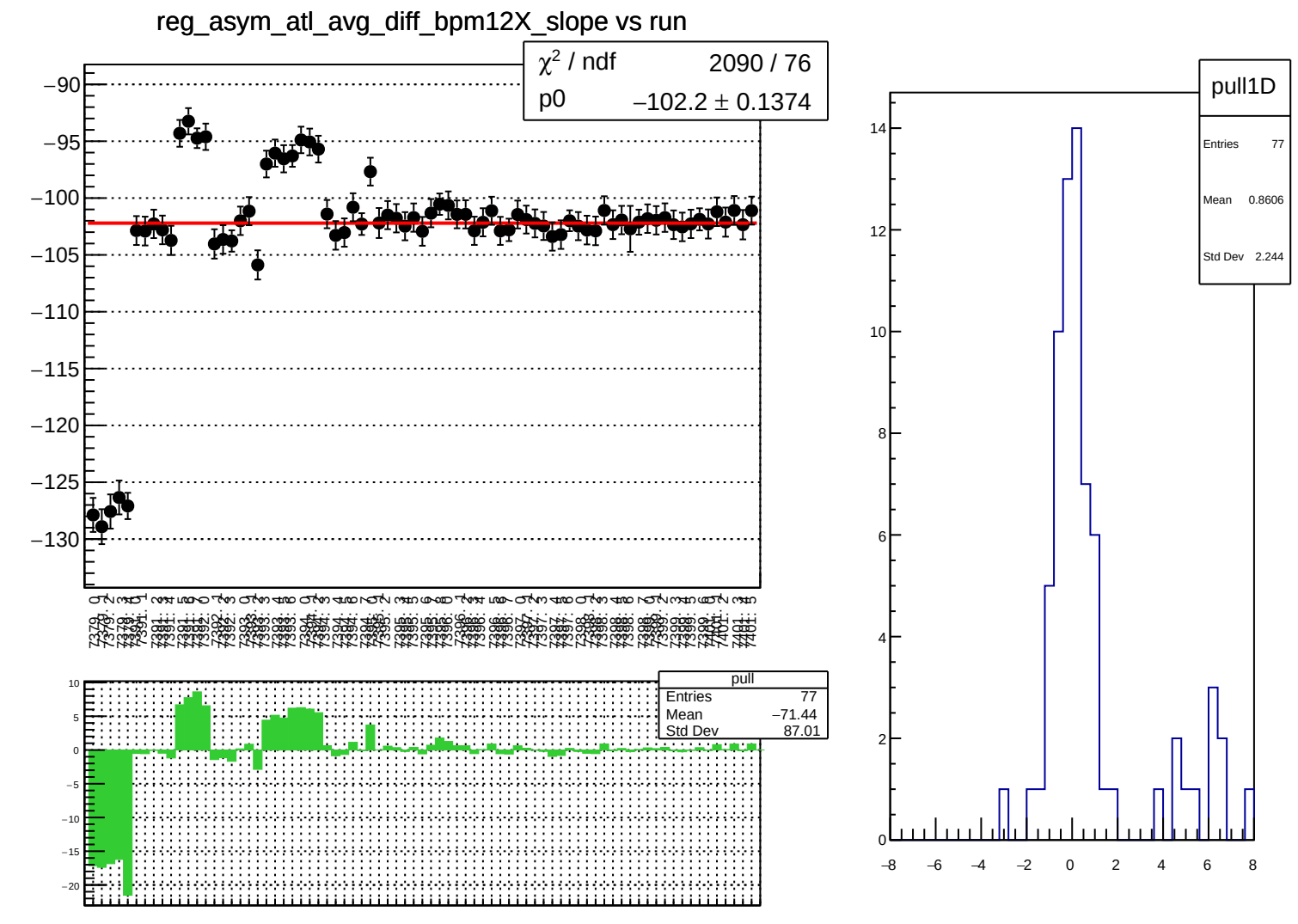

pull1D
Entries 77
Mean −0.07235
Std Dev 0.8833

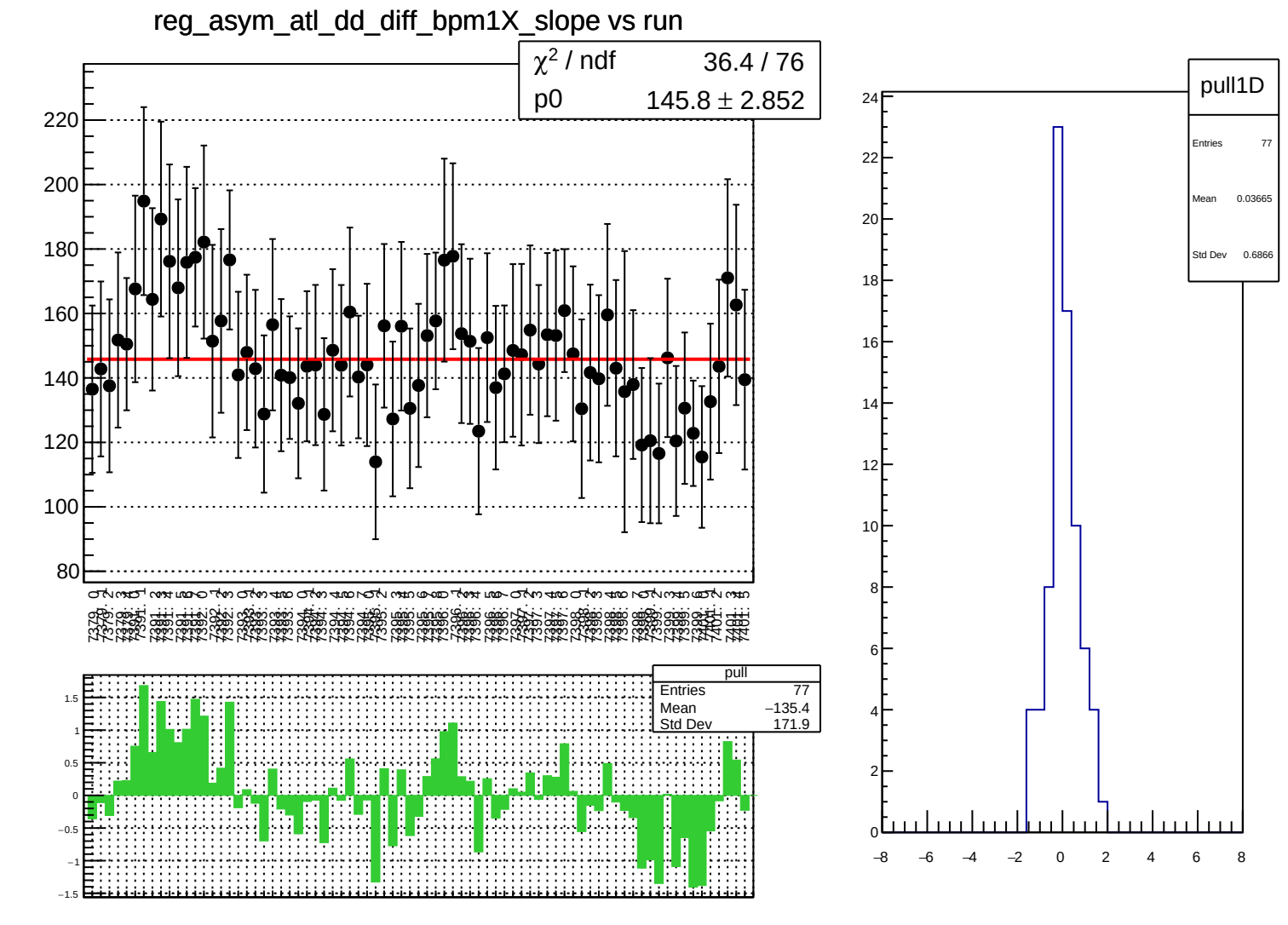

reg_asym_atl_avg_diff_bpm4aY_slope vs run
χ² / ndf 35.82 / 76
p0 −11.47 ± 2.828
pull
Entries 77
Mean 83.92
Std Dev 39.47

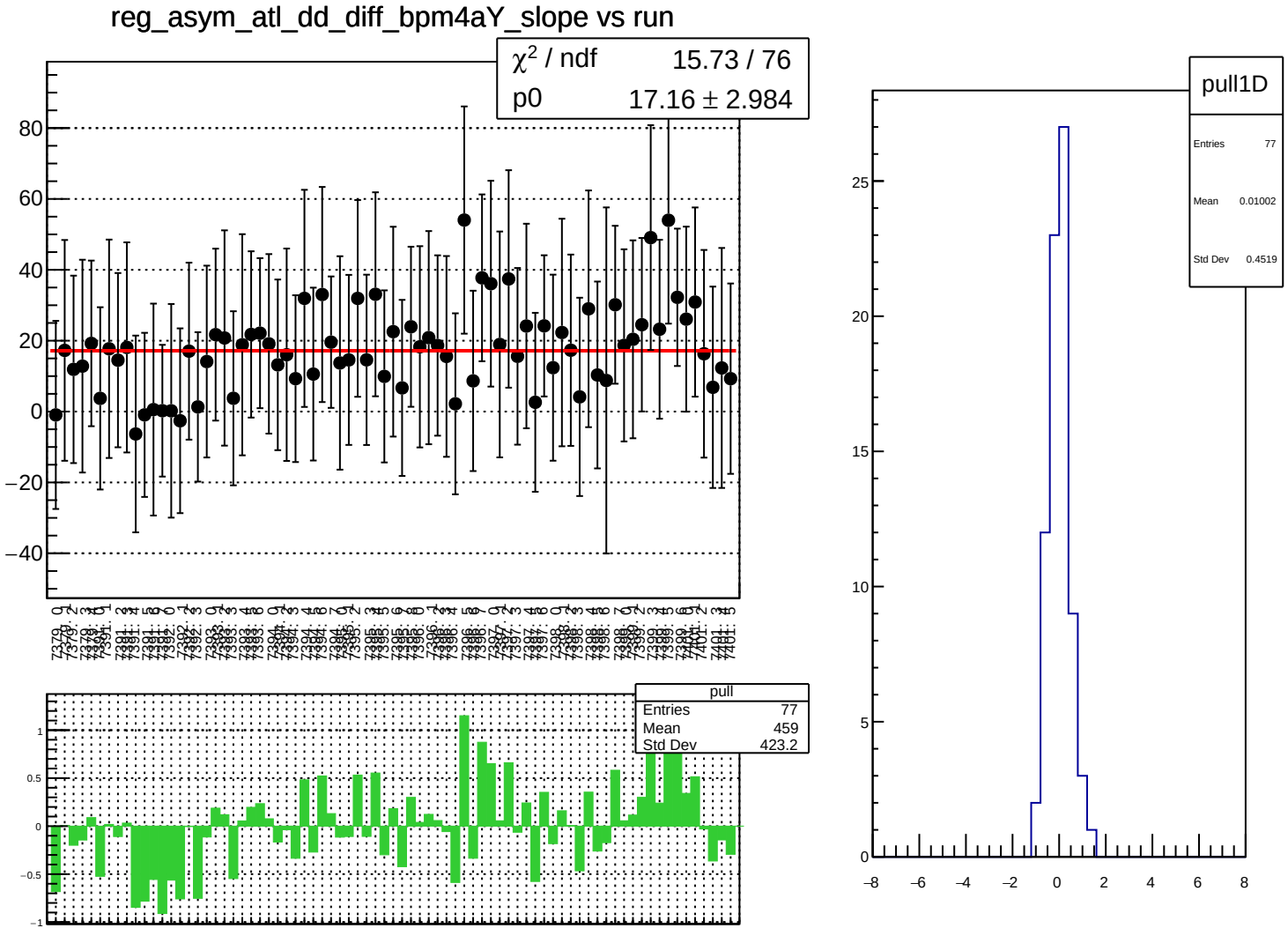

pull1D
Entries 77
Mean −0.03692
Std Dev 0.6811

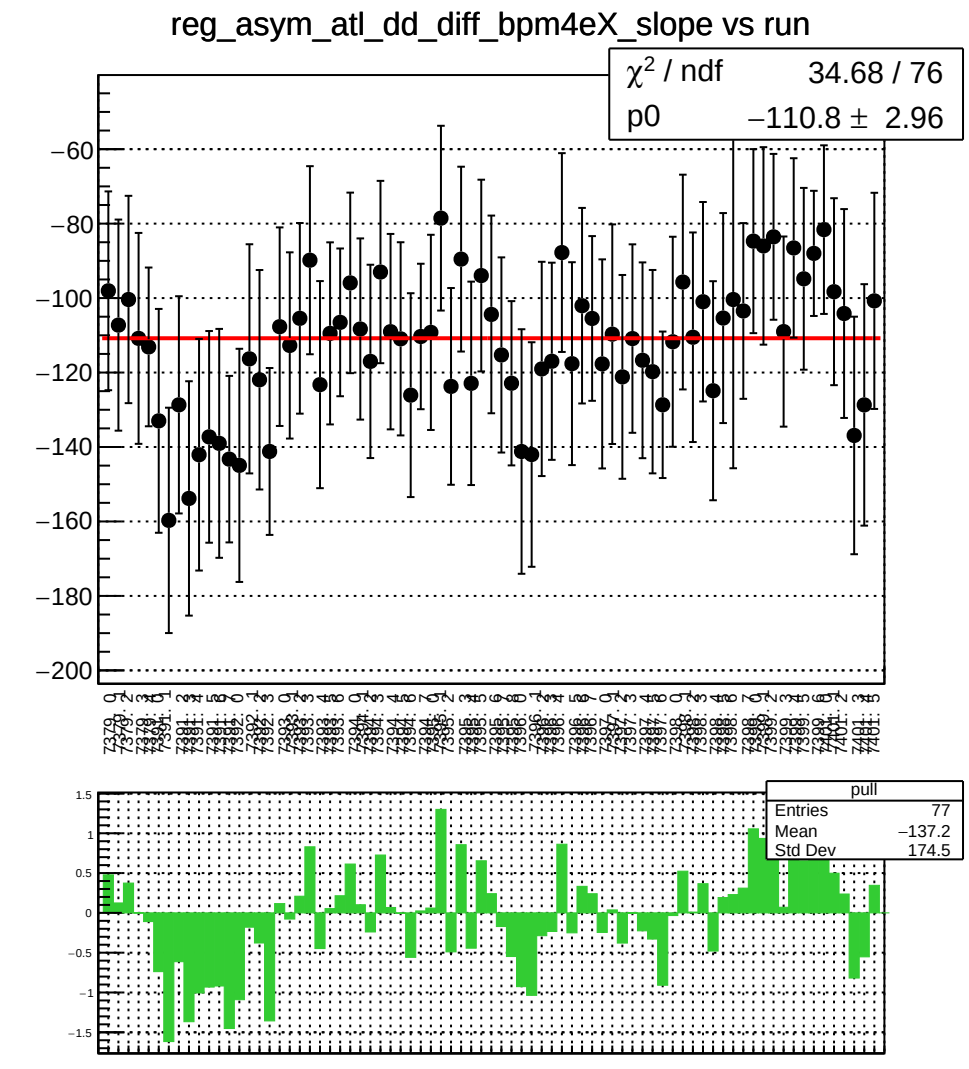

reg_asym_atl_avg_diff_bpm4eX_slope vs run
χ² / ndf 61.46 / 76
p0 107.4 ± 2.807
pull
Entries 77
Mean −112.6
Std Dev 146.3
pull1D
Entries 77
Mean 0.07484
Std Dev 0.8903

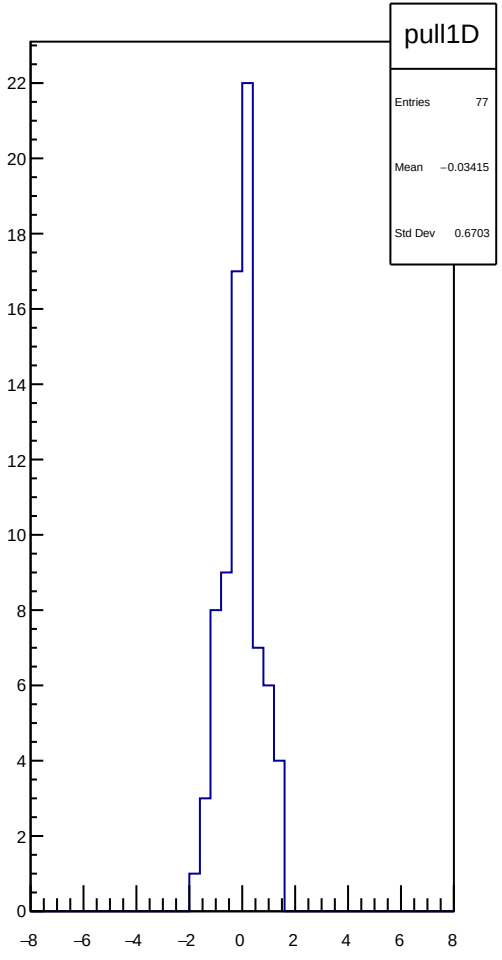

reg_asym_atl_avg_diff_bpm4eY_slope vs run
χ² / ndf 33.97 / 76
p0 50.87 ± 3.014
pull
Entries 77
Mean 72.08
Std Dev 14.19
pull1D
Entries 77
Mean 0.03279
Std Dev 0.6634

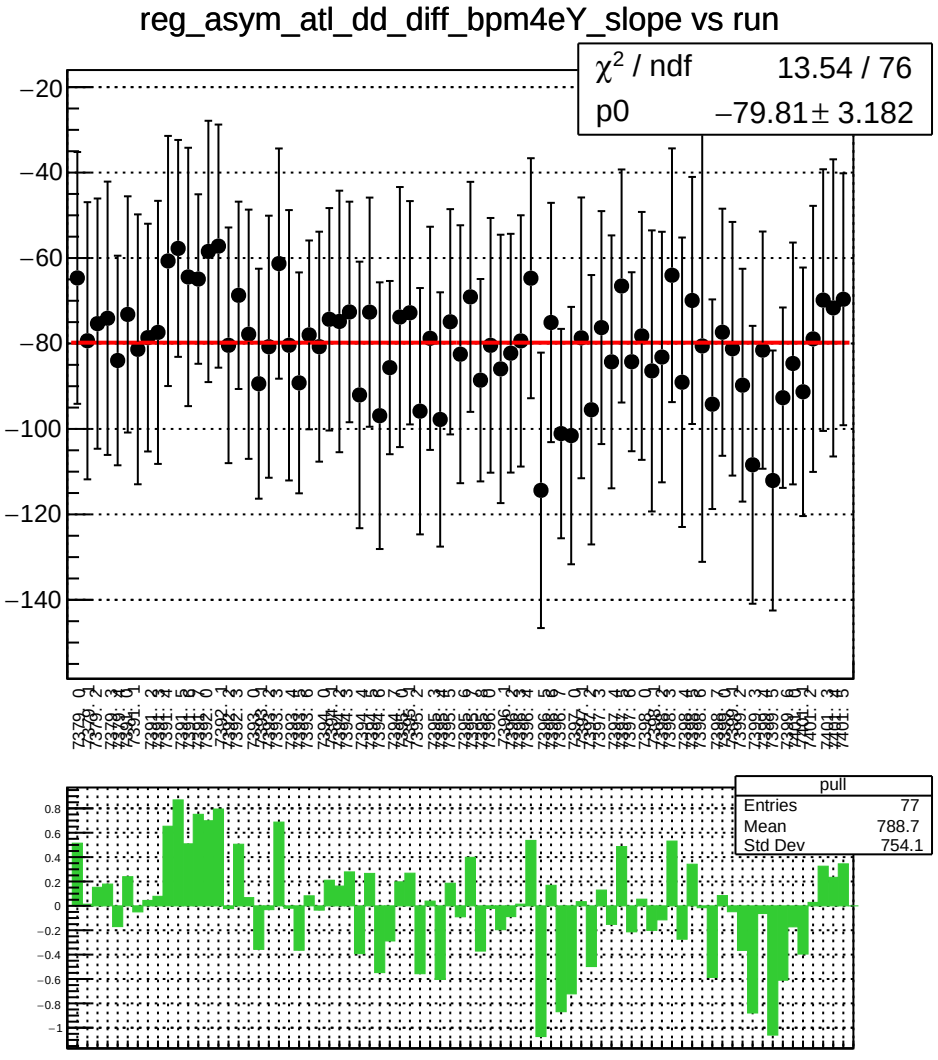

reg_asym_atl_avg_diff_bpm12X_slope vs run
χ² / ndf 2090 / 76
p0 −102.2 ± 0.1374
pull
Entries 77
Mean −71.44
Std Dev 87.01
pull1D
Entries 77
Mean 0.8606
Std Dev 2.244

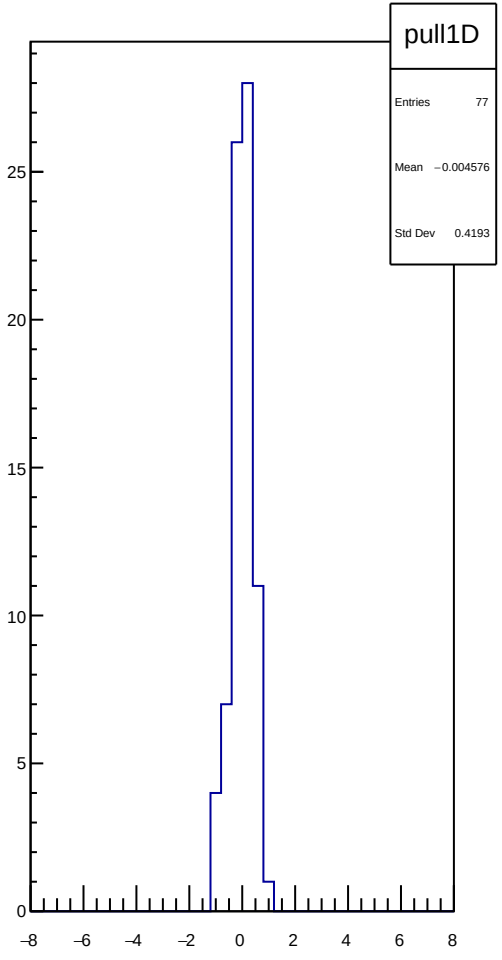

reg_asym_atl_dd_diff_bpm1X_slope vs run
χ² / ndf 36.4 / 76
p0 145.8 ± 2.852
pull
Entries 77
Mean −135.4
Std Dev 171.9
pull1D
Entries 77
Mean 0.03665
Std Dev 0.6866

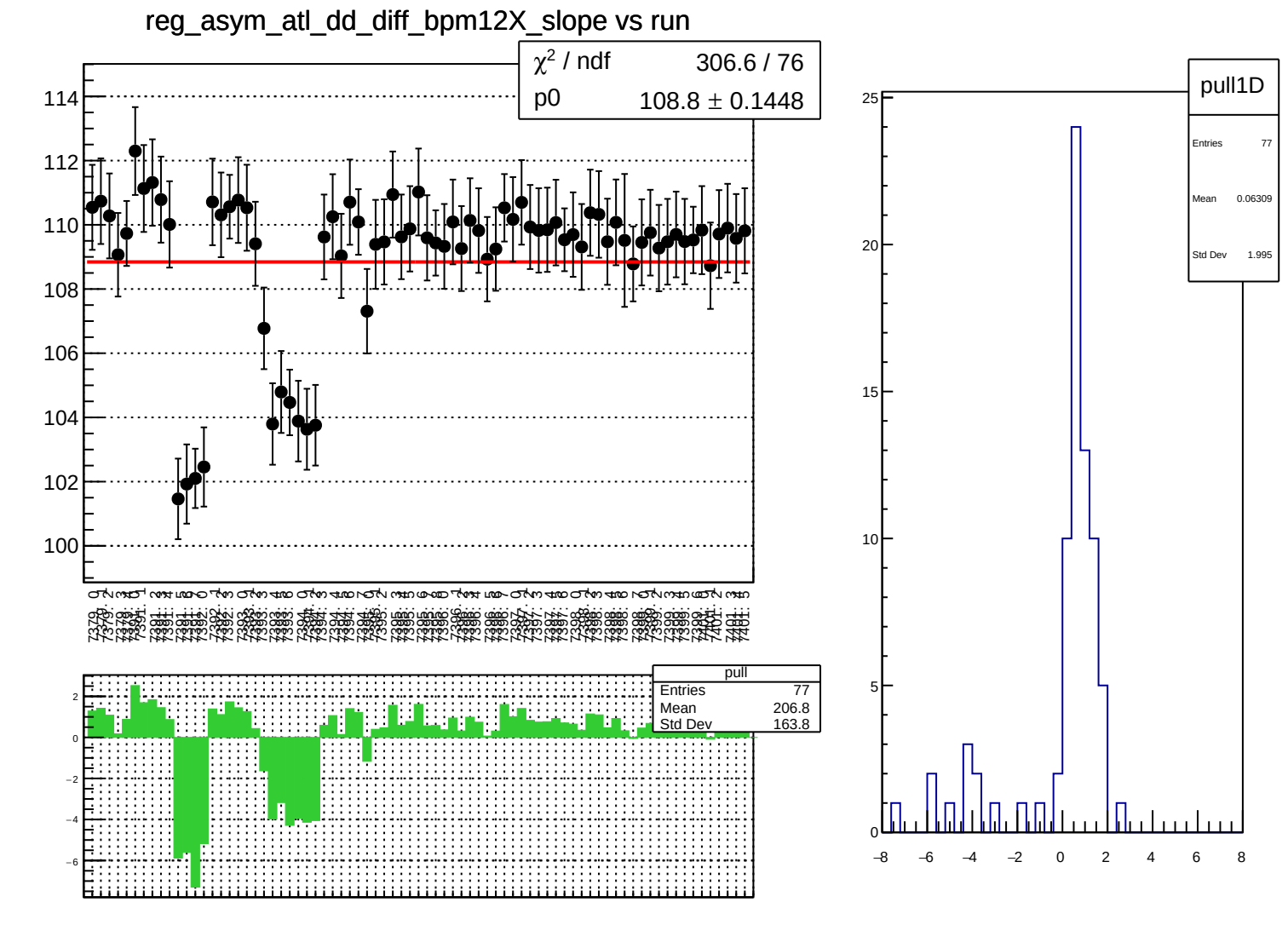

reg_asym_atl_dd_diff_bpm4aY_slope vs run
χ² / ndf 15.73 / 76
p0 17.16 ± 2.984
pull
Entries 77
Mean 459
Std Dev 423.2
pull1D
Entries 77
Mean 0.01002
Std Dev 0.4519

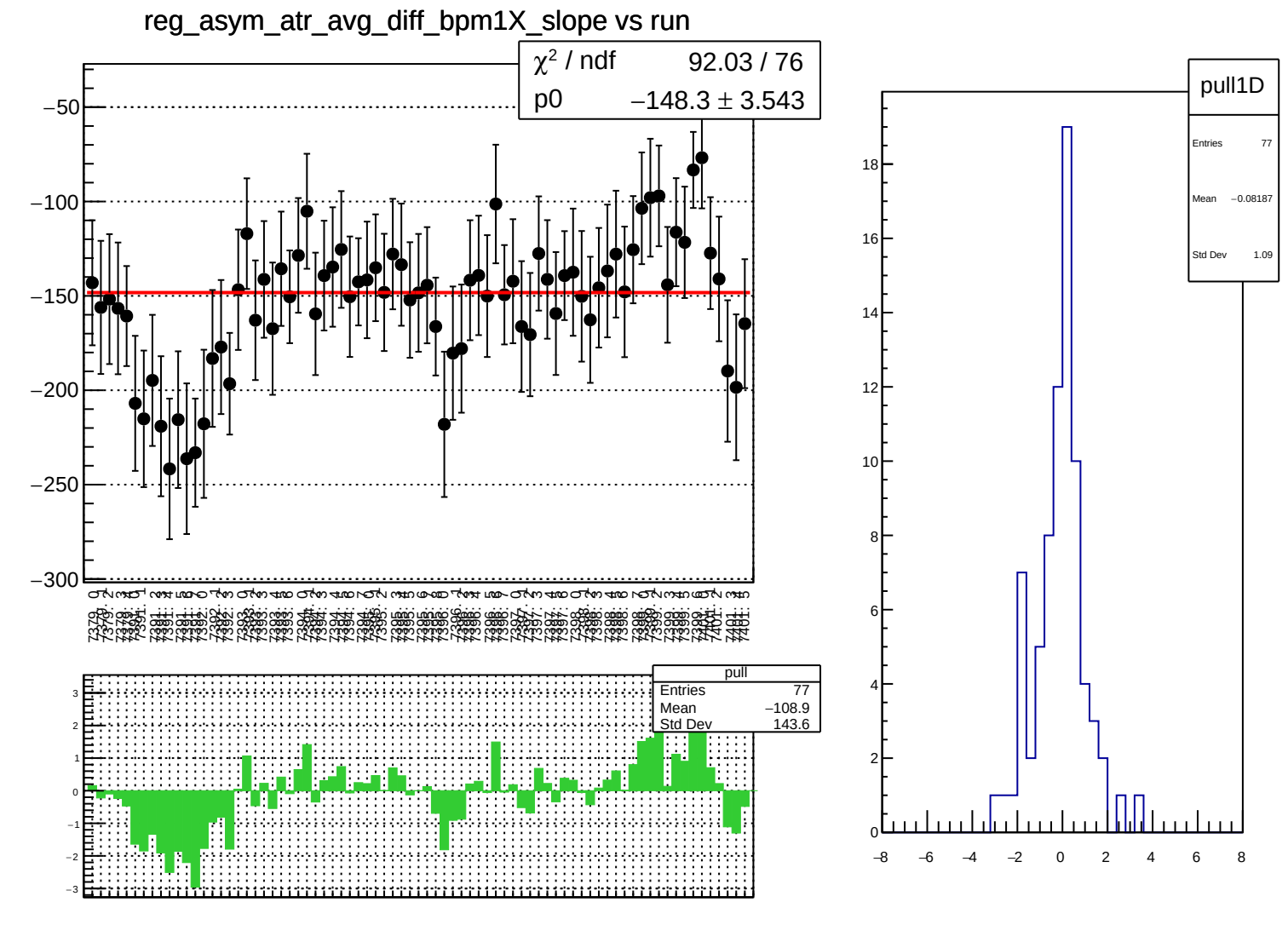

reg_asym_atl_dd_diff_bpm4eX_slope vs run
χ² / ndf 34.68 / 76
p0 −110.8 ± 2.96
pull
Entries 77
Mean −137.2
Std Dev 174.5

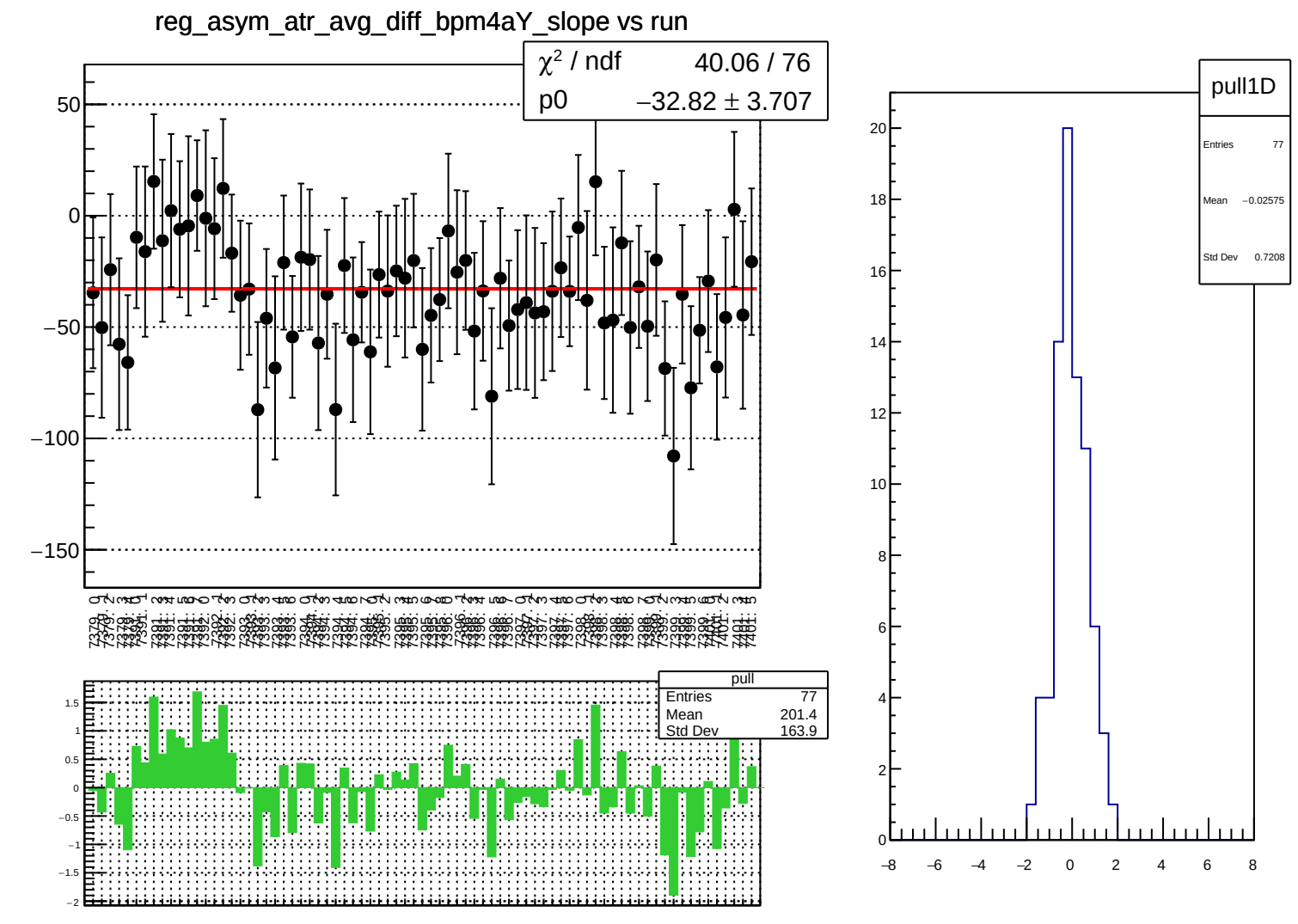

pull1D
Entries 77
Mean −0.03415
Std Dev 0.6703

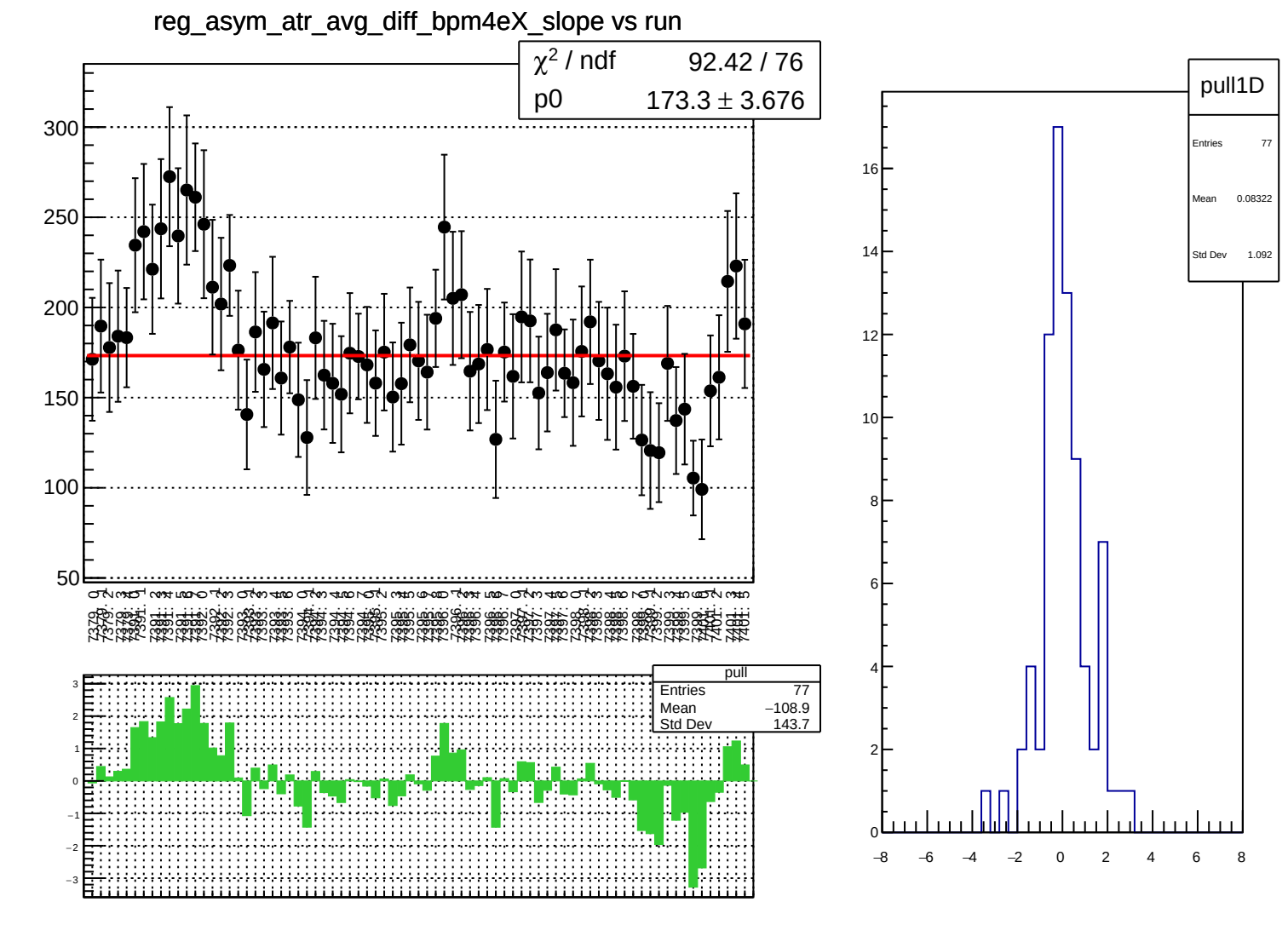

reg_asym_atl_dd_diff_bpm4eY_slope vs run
χ^2 / ndf 13.54 / 76
p0 −79.81 ± 3.182
pull
Entries 77
Mean 788.7
Std Dev 754.1

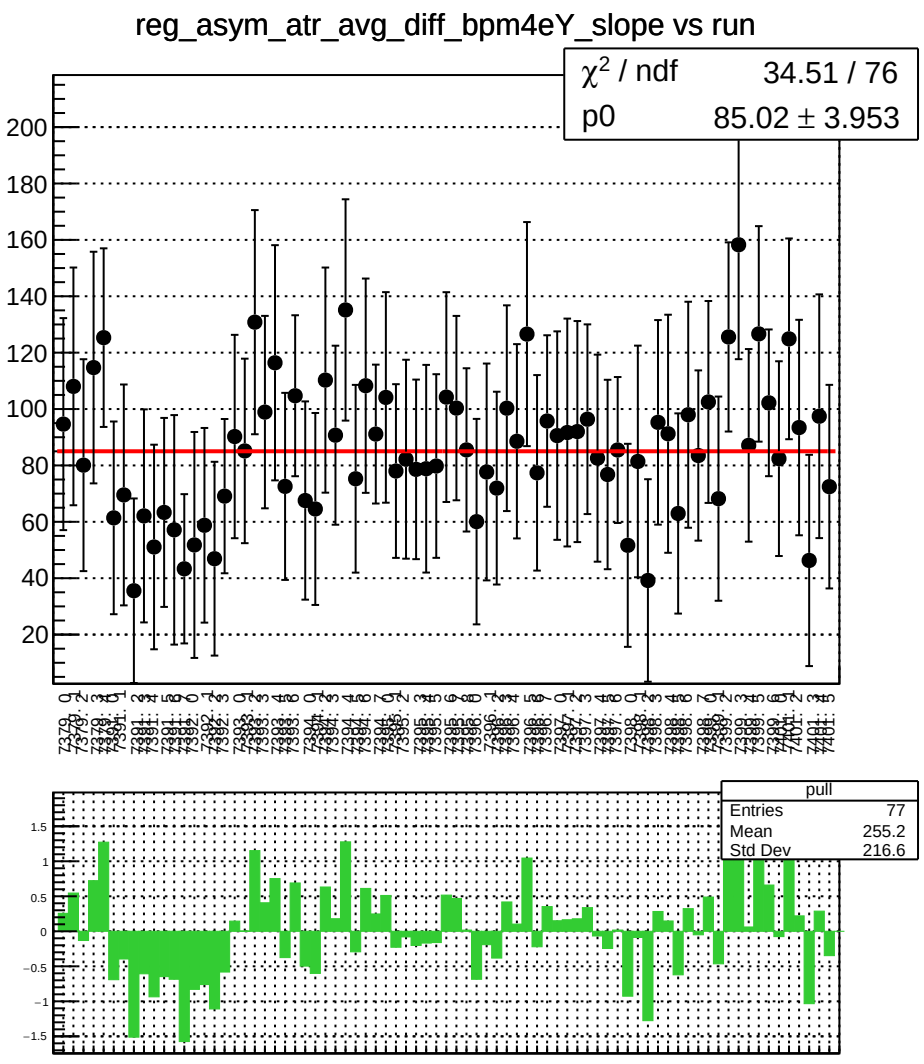

pull1D
Entries 77
Mean −0.004576
Std Dev 0.4193

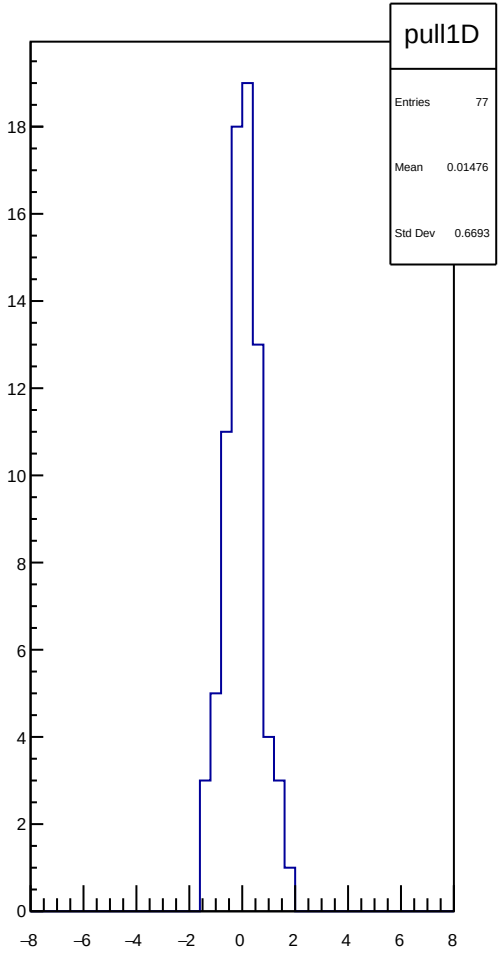

reg_asym_atl_dd_diff_bpm12X_slope vs run
χ² / ndf 306.6 / 76
p0 108.8 ± 0.1448
pull
Entries 77
Mean 206.8
Std Dev 163.8
pull1D
Entries 77
Mean 0.06309
Std Dev 1.995

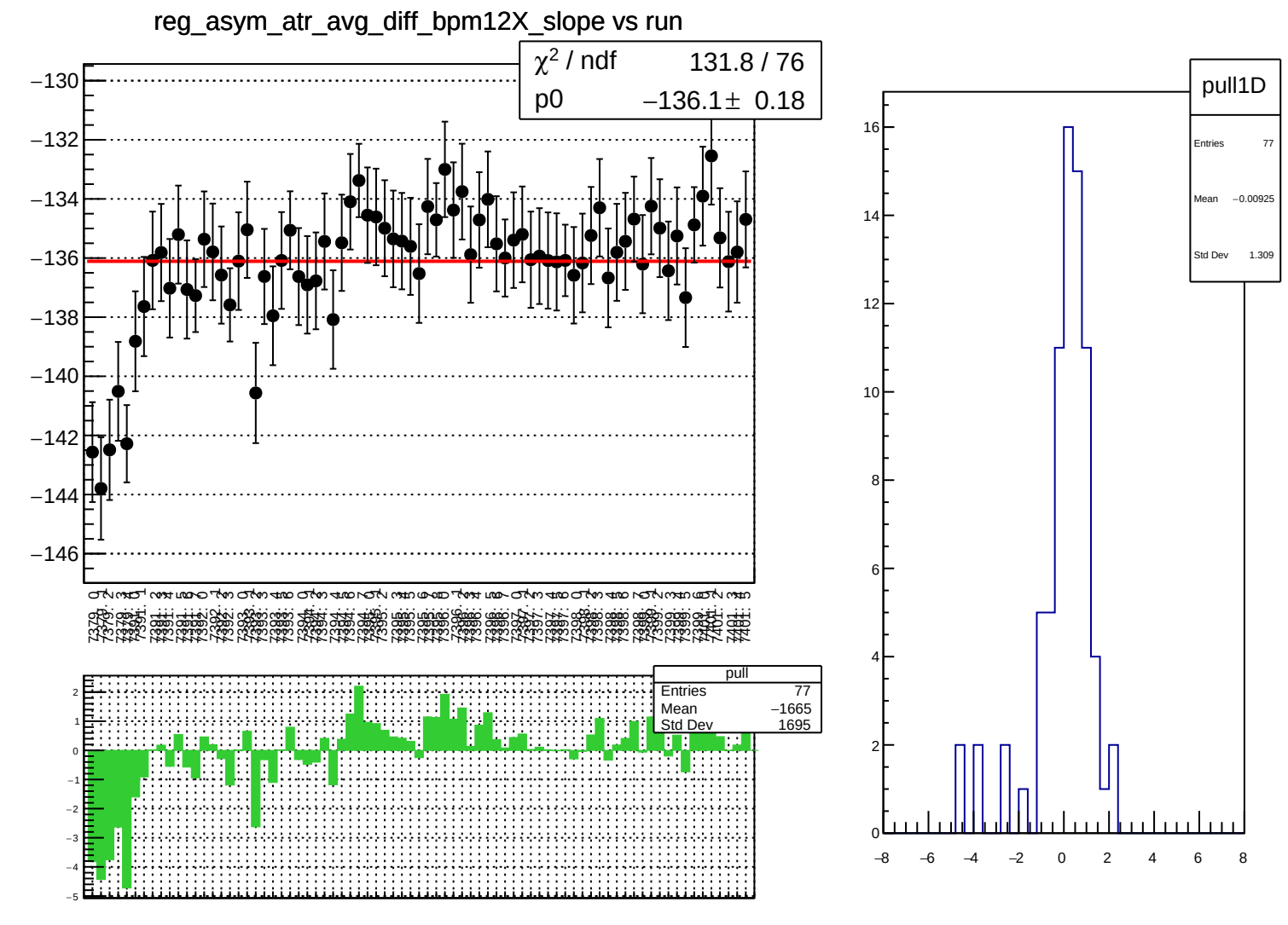

reg_asym_atr_avg_diff_bpm1X_slope vs run
χ² / ndf 92.03 / 76
p0 −148.3 ± 3.543
pull
Entries 77
Mean −108.9
Std Dev 143.6
pull1D
Entries 77
Mean −0.08187
Std Dev 1.09

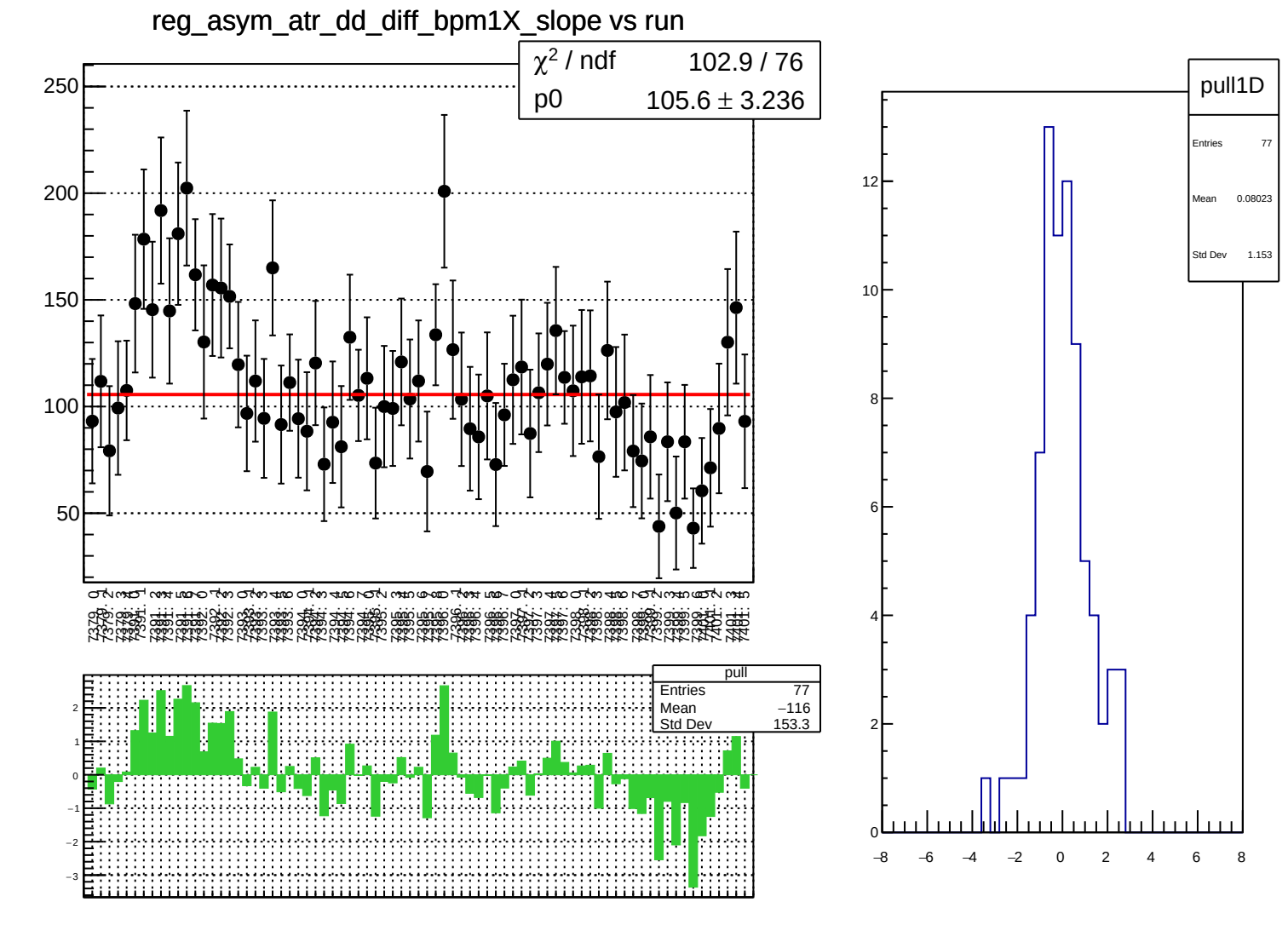

reg_asym_atr_avg_diff_bpm4aY_slope vs run
χ² / ndf 40.06 / 76
p0 −32.82 ± 3.707
pull
Entries 77
Mean 201.4
Std Dev 163.9
pull1D
Entries 77
Mean −0.02575
Std Dev 0.7208

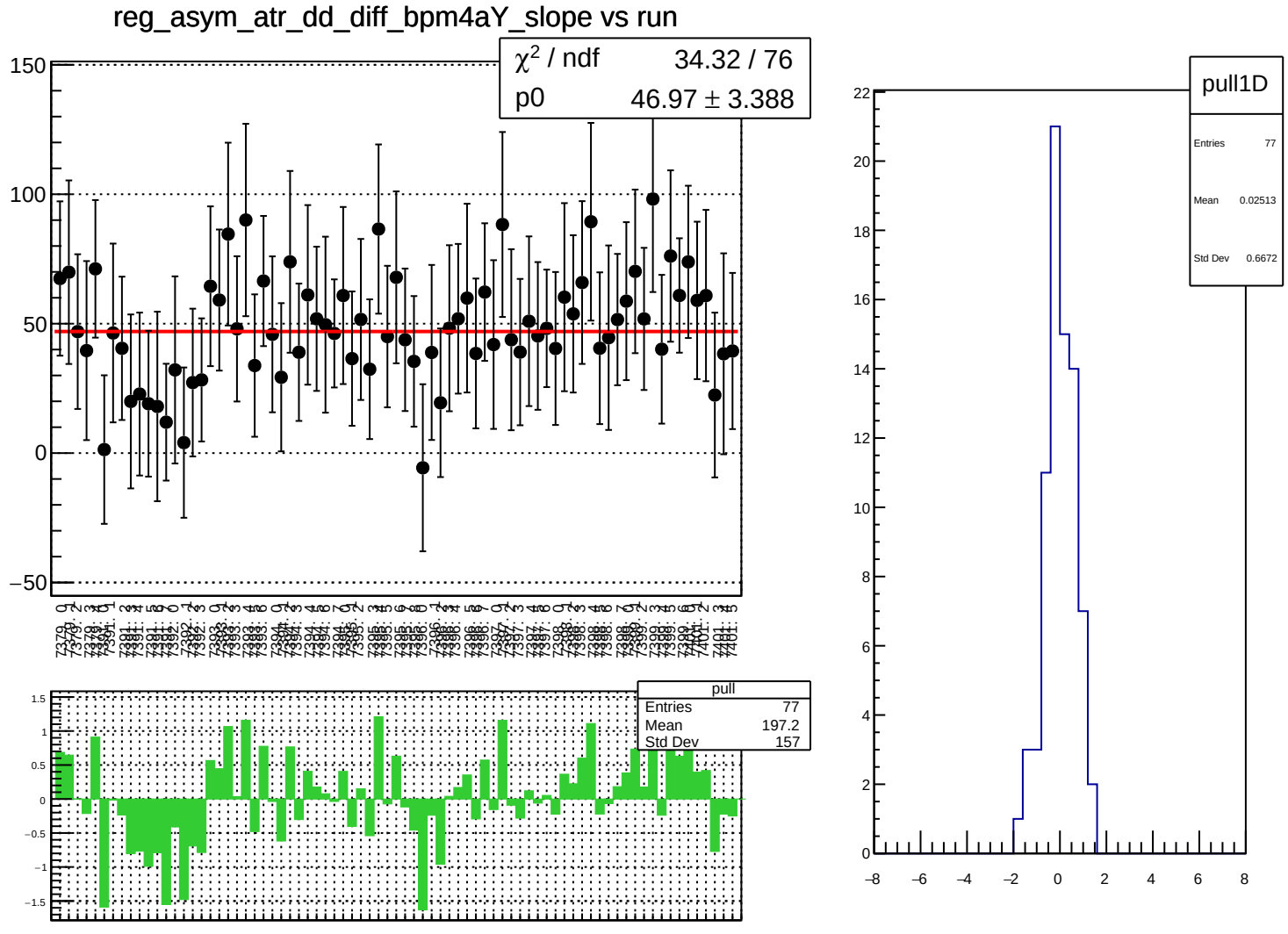

reg_asym_atr_avg_diff_bpm4eX_slope vs run
χ² / ndf 92.42 / 76
p0 173.3 ± 3.676
pull
Entries 77
Mean −108.9
Std Dev 143.7
pull1D
Entries 77
Mean 0.08322
Std Dev 1.092

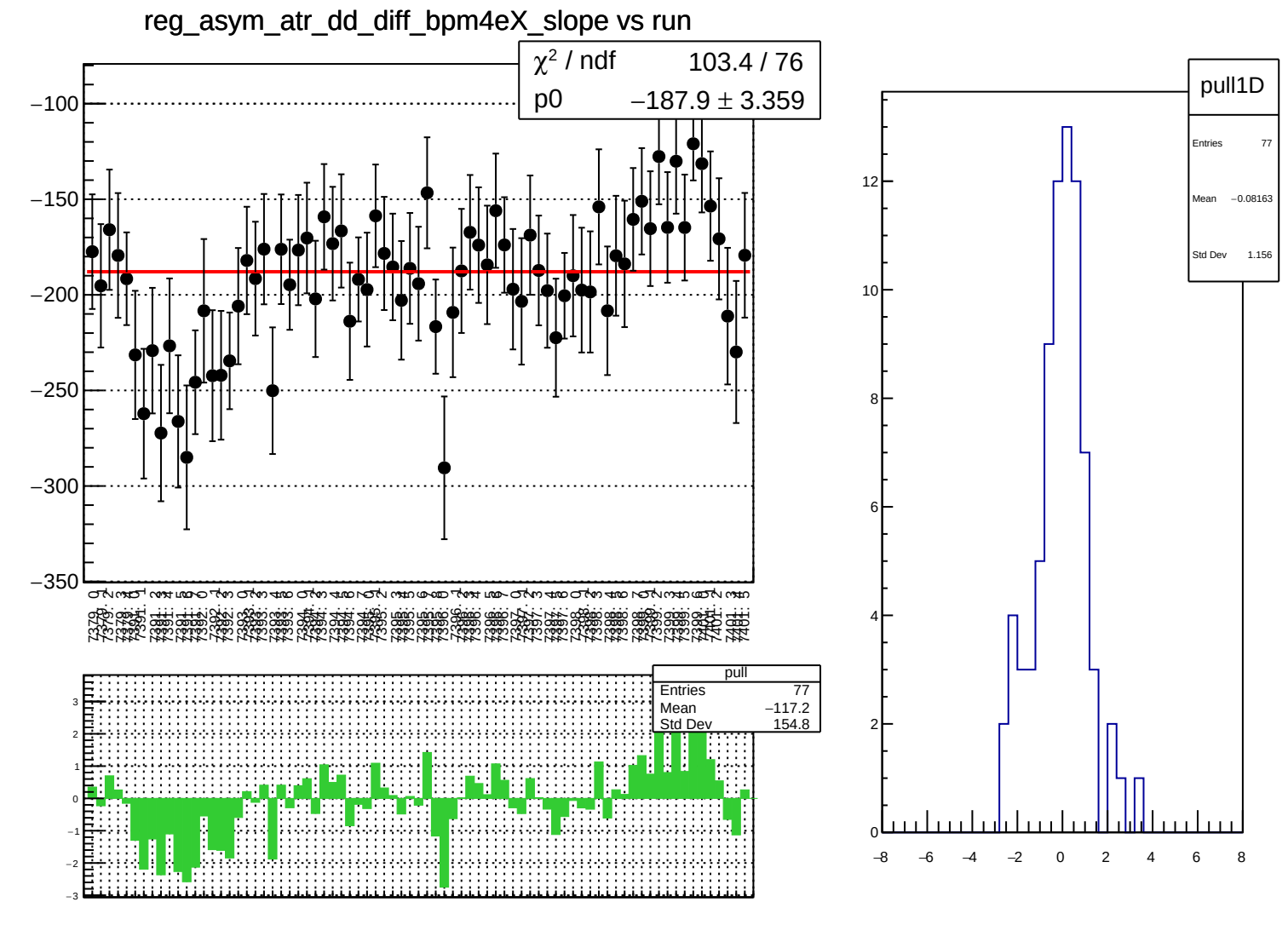

reg_asym_atr_avg_diff_bpm4eY_slope vs run
χ² / ndf 34.51 / 76
p0 85.02 ± 3.953
pull
Entries 77
Mean 255.2
Std Dev 216.6

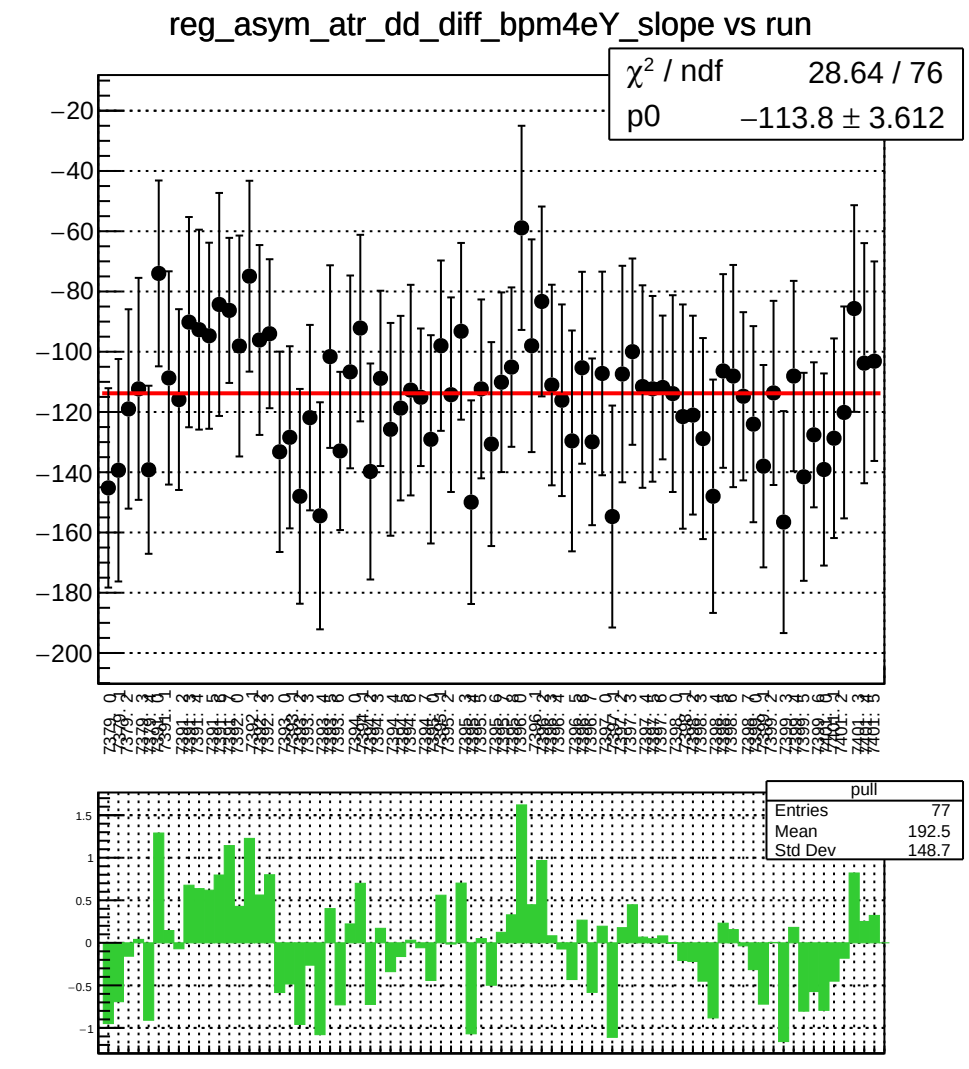

pull1D
Entries 77
Mean 0.01476
Std Dev 0.6693

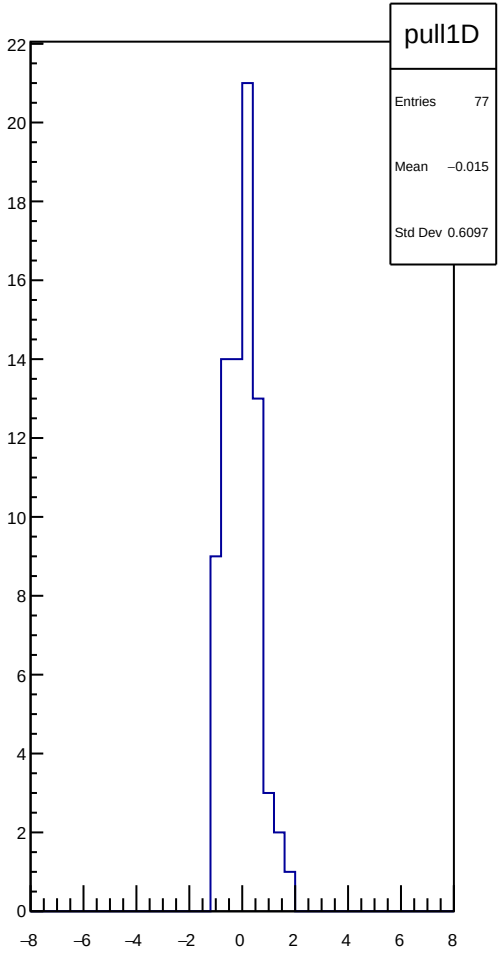

reg_asym_atr_avg_diff_bpm12X_slope vs run
χ^2 / ndf 131.8 / 76
p0 −136.1± 0.18
pull
Entries 77
Mean −1665
Std Dev 1695
pull1D
Entries 77
Mean −0.00925
Std Dev 1.309

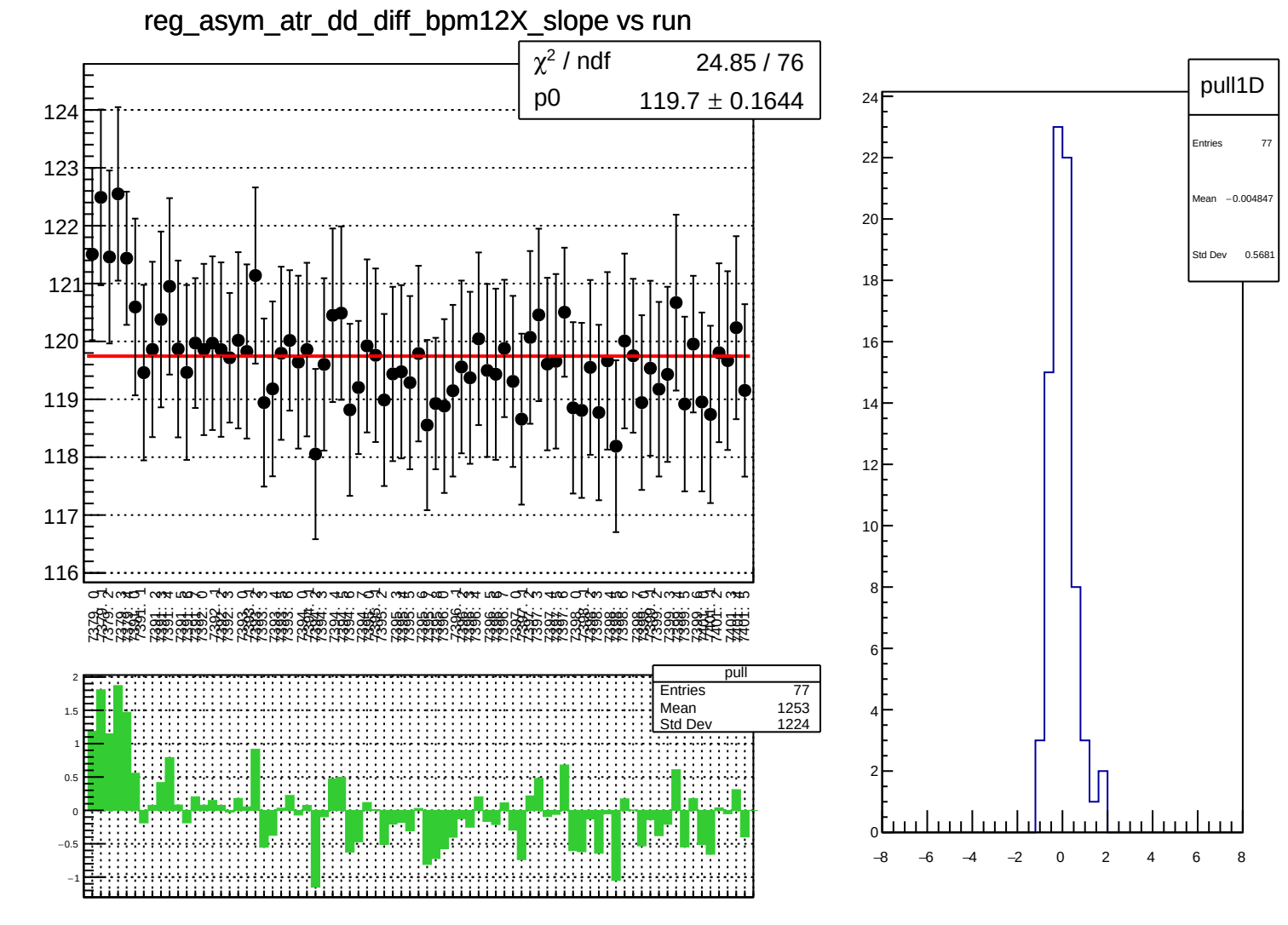

reg_asym_atr_dd_diff_bpm1X_slope vs run
χ² / ndf 102.9 / 76
p0 105.6 ± 3.236
250
200
150
100
50
pull
Entries 77
Mean −116
Std Dev 153.3
2
1
0
−1
−2
−3
pull1D
Entries 77
Mean 0.08023
Std Dev 1.153
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

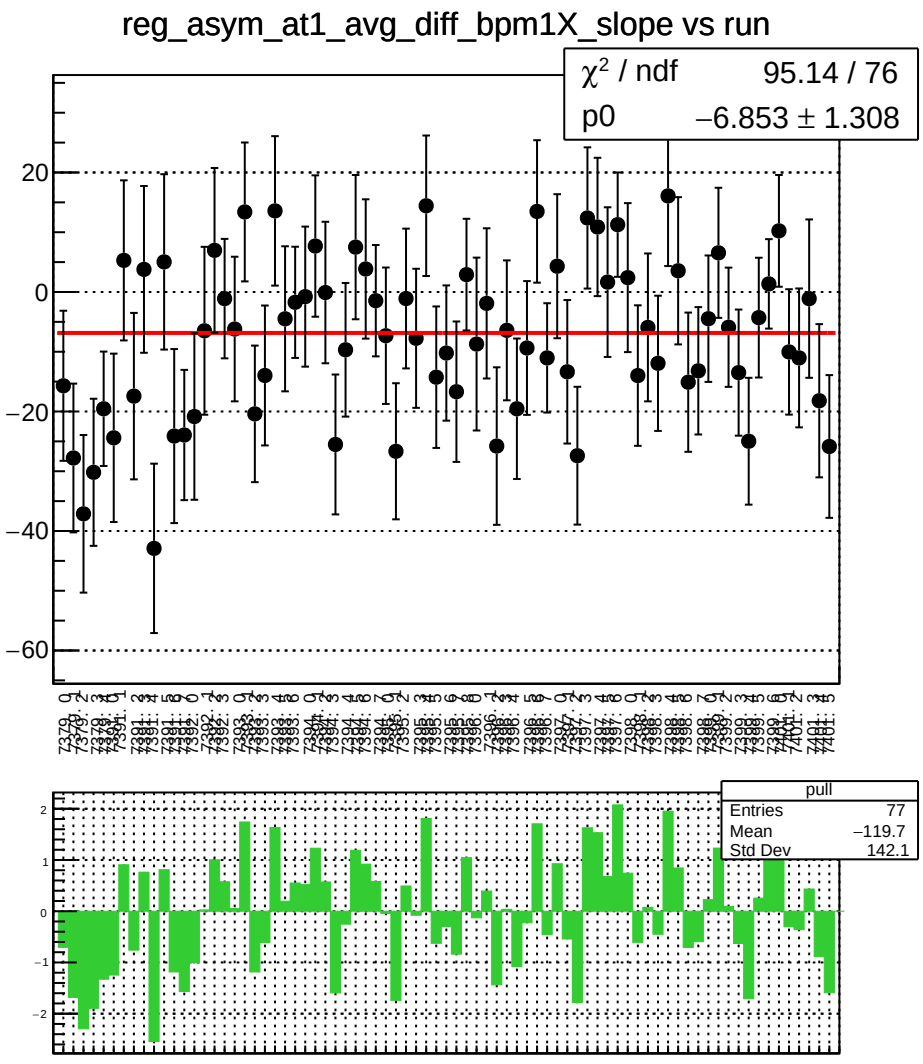

reg_asym_atr_dd_diff_bpm4aY_slope vs run
χ² / ndf 34.32 / 76
p0 46.97 ± 3.388
150
100
50
0
−50
pull
Entries 77
Mean 197.2
Std Dev 157
1.5
1
0.5
0
−0.5
−1
−1.5
pull1D
Entries 77
Mean 0.02513
Std Dev 0.6672
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

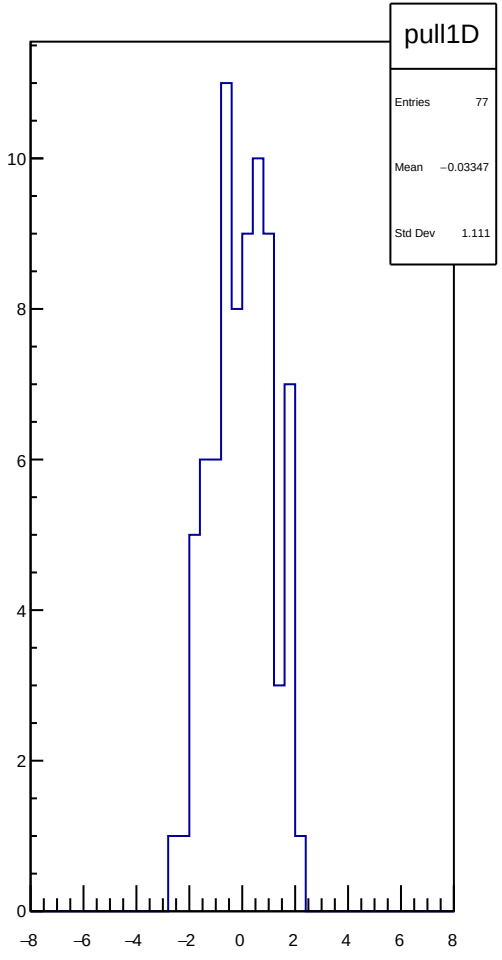

reg_asym_atr_dd_diff_bpm4eX_slope vs run
χ² / ndf 103.4 / 76
p0 −187.9 ± 3.359
pull
Entries 77
Mean −117.2
Std Dev 154.8
pull1D
Entries 77
Mean −0.08163
Std Dev 1.156

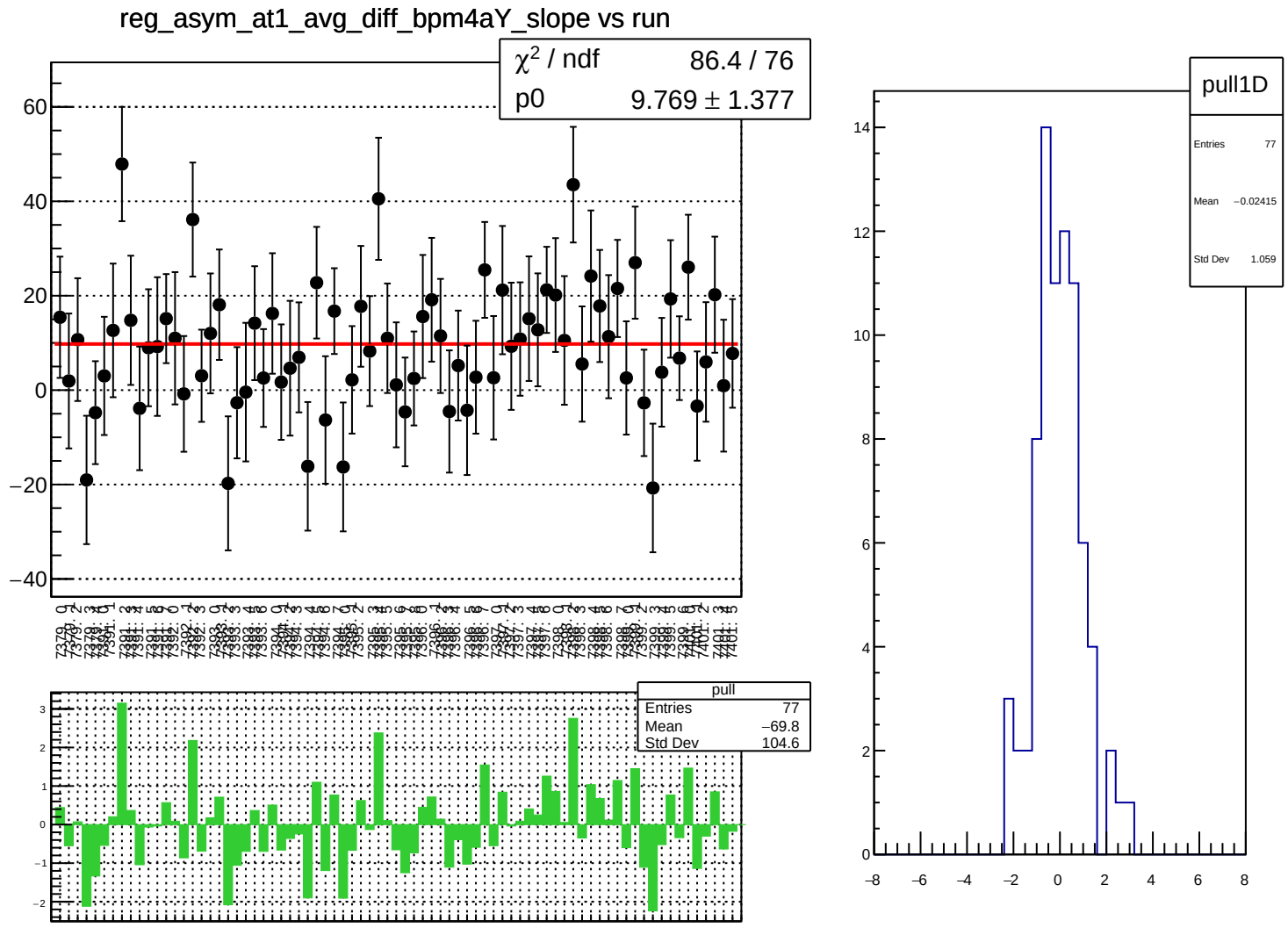

reg_asym_atr_dd_diff_bpm4eY_slope vs run
χ² / ndf 28.64 / 76
p0 −113.8 ± 3.612
pull
Entries 77
Mean 192.5
Std Dev 148.7

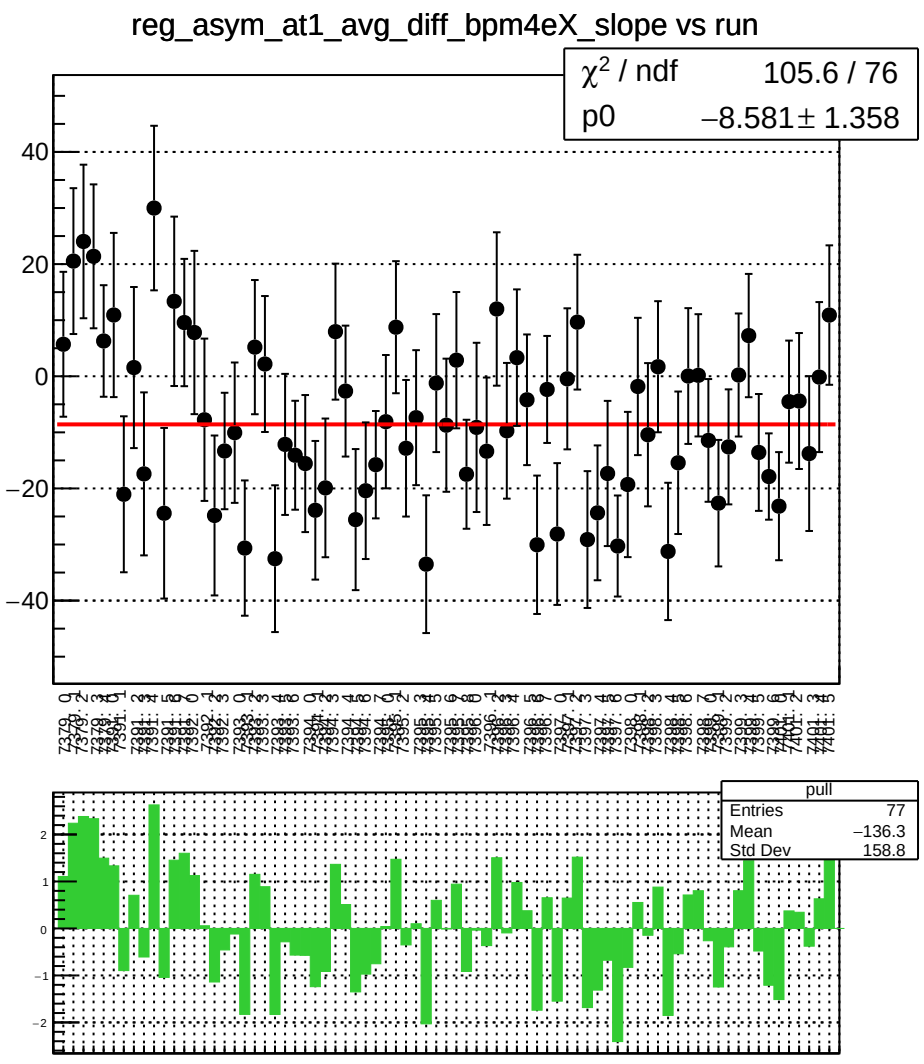

pull1D
Entries 77
Mean −0.015
Std Dev 0.6097

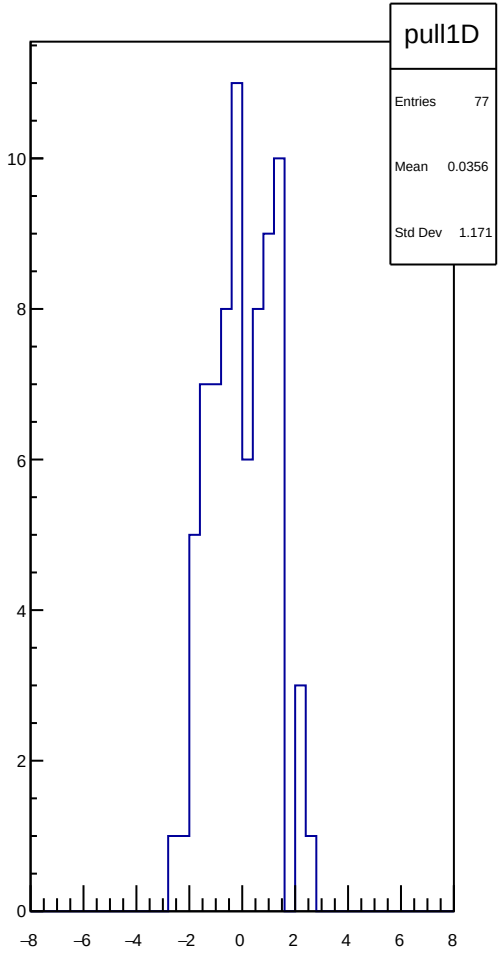

reg_asym_atr_dd_diff_bpm12X_slope vs run
χ² / ndf 24.85 / 76
p0 119.7 ± 0.1644
pull
Entries 77
Mean 1253
Std Dev 1224
pull1D
Entries 77
Mean −0.004847
Std Dev 0.5681

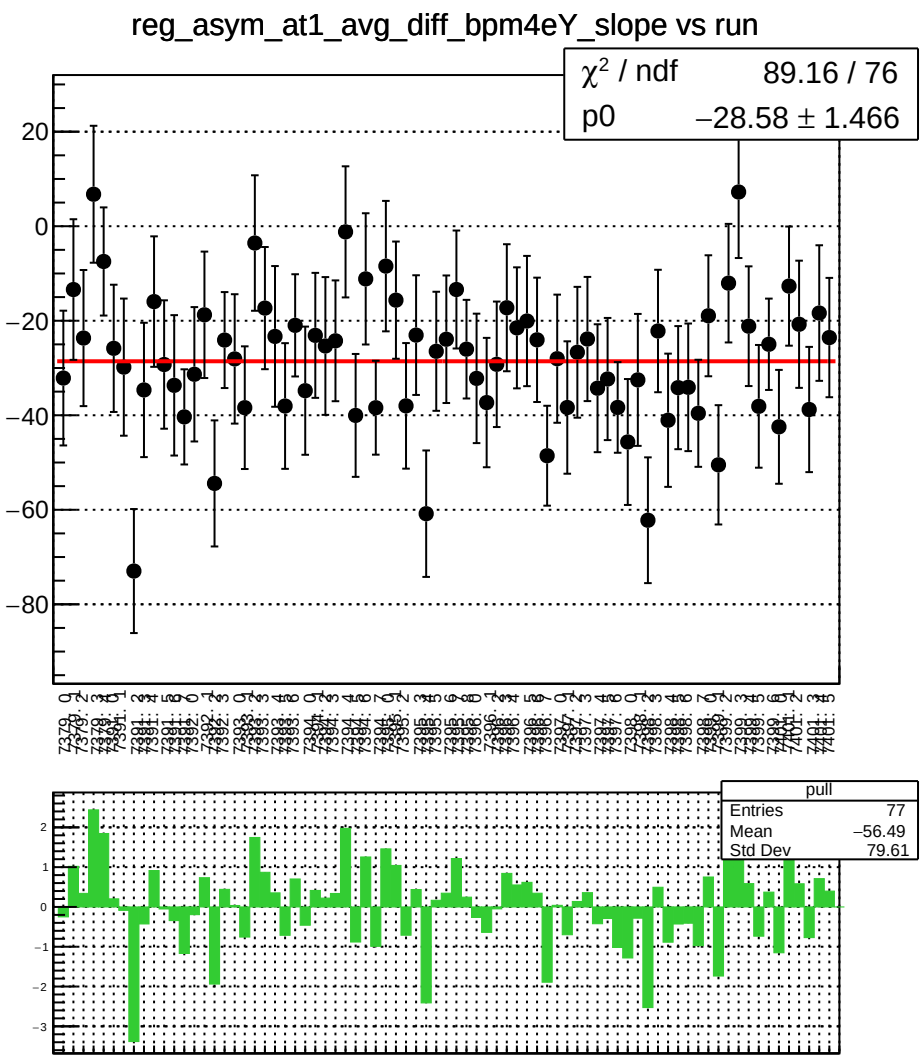

reg_asym_at1_avg_diff_bpm1X_slope vs run
χ² / ndf 95.14 / 76
p0 −6.853 ± 1.308
pull
Entries 77
Mean −119.7
Std Dev 142.1

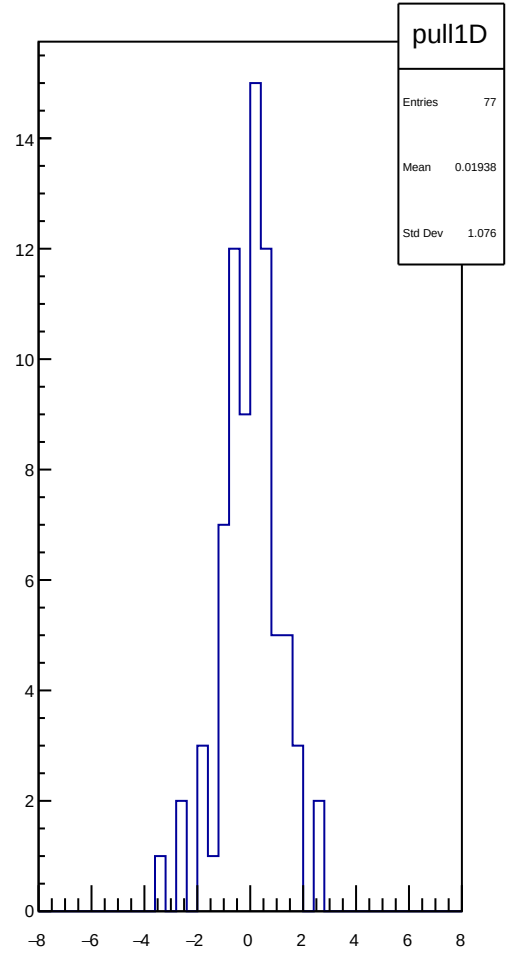

pull1D
Entries 77
Mean −0.03347
Std Dev 1.111

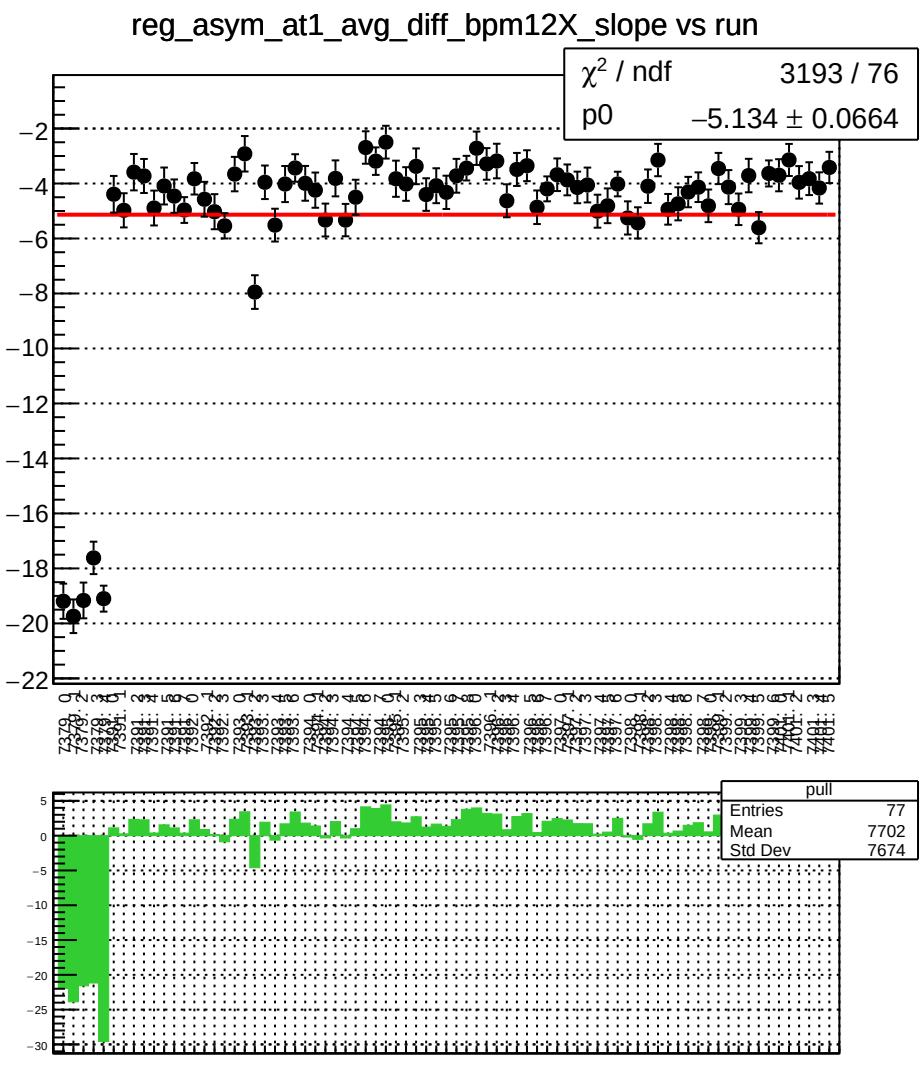

reg_asym_at1_avg_diff_bpm4aY_slope vs run
χ² / ndf 86.4 / 76
p0 9.769 ± 1.377
pull
Entries 77
Mean −69.8
Std Dev 104.6
pull1D
Entries 77
Mean −0.02415
Std Dev 1.059

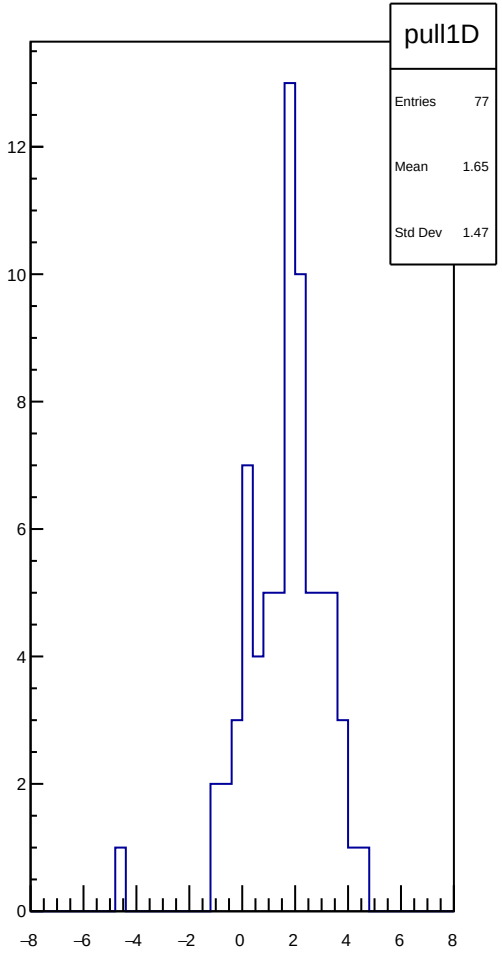

reg_asym_at1_avg_diff_bpm4eX_slope vs run
χ² / ndf 105.6 / 76
p0 −8.581 ± 1.358
pull
Entries 77
Mean −136.3
Std Dev 158.8

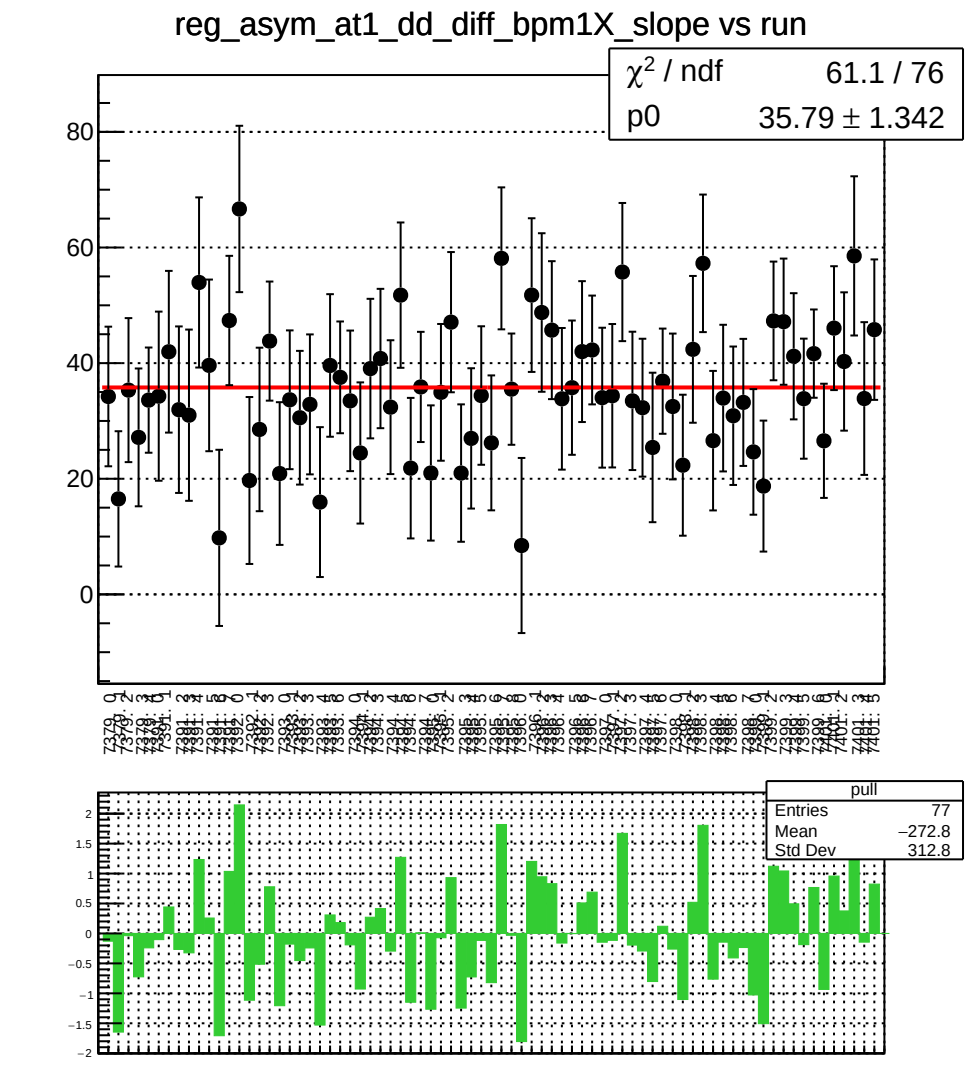

pull1D
Entries 77
Mean 0.0356
Std Dev 1.171

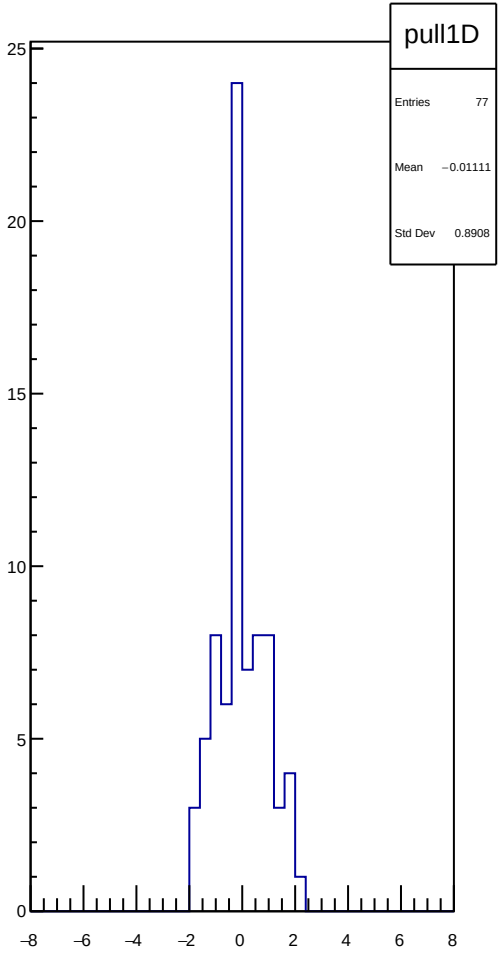

reg_asym_at1_avg_diff_bpm4eY_slope vs run
χ² / ndf 89.16 / 76
p0 −28.58 ± 1.466
pull
Entries 77
Mean −56.49
Std Dev 79.61

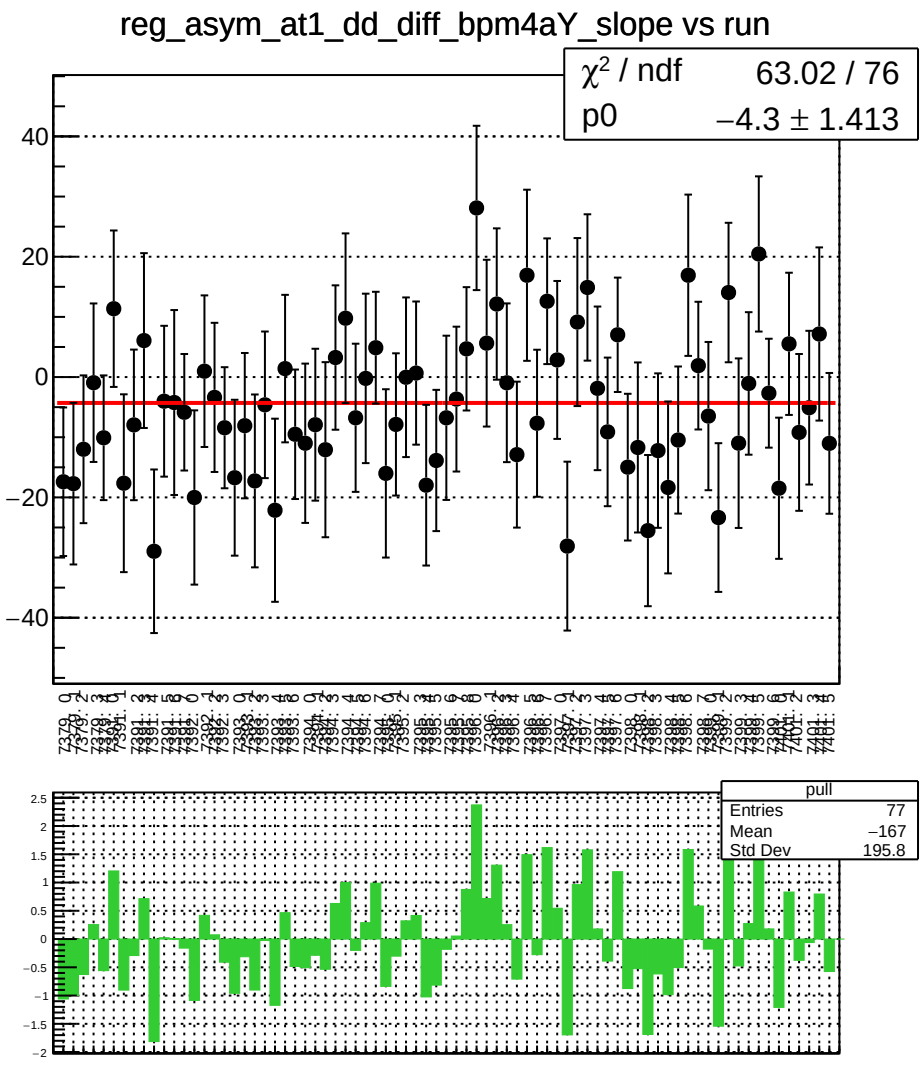

pull1D
Entries 77
Mean 0.01938
Std Dev 1.076

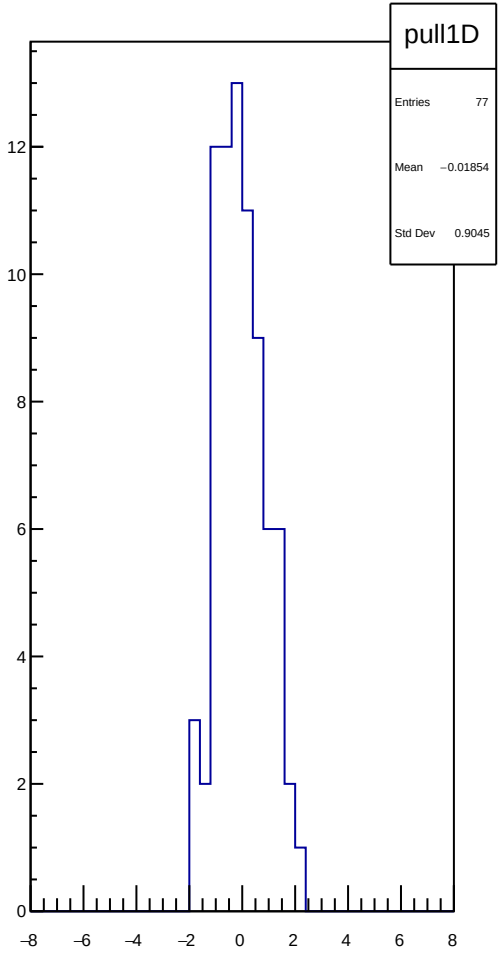

reg_asym_at1_avg_diff_bpm12X_slope vs run
χ² / ndf 3193 / 76
p0 −5.134 ± 0.0664
pull
Entries 77
Mean 7702
Std Dev 7674

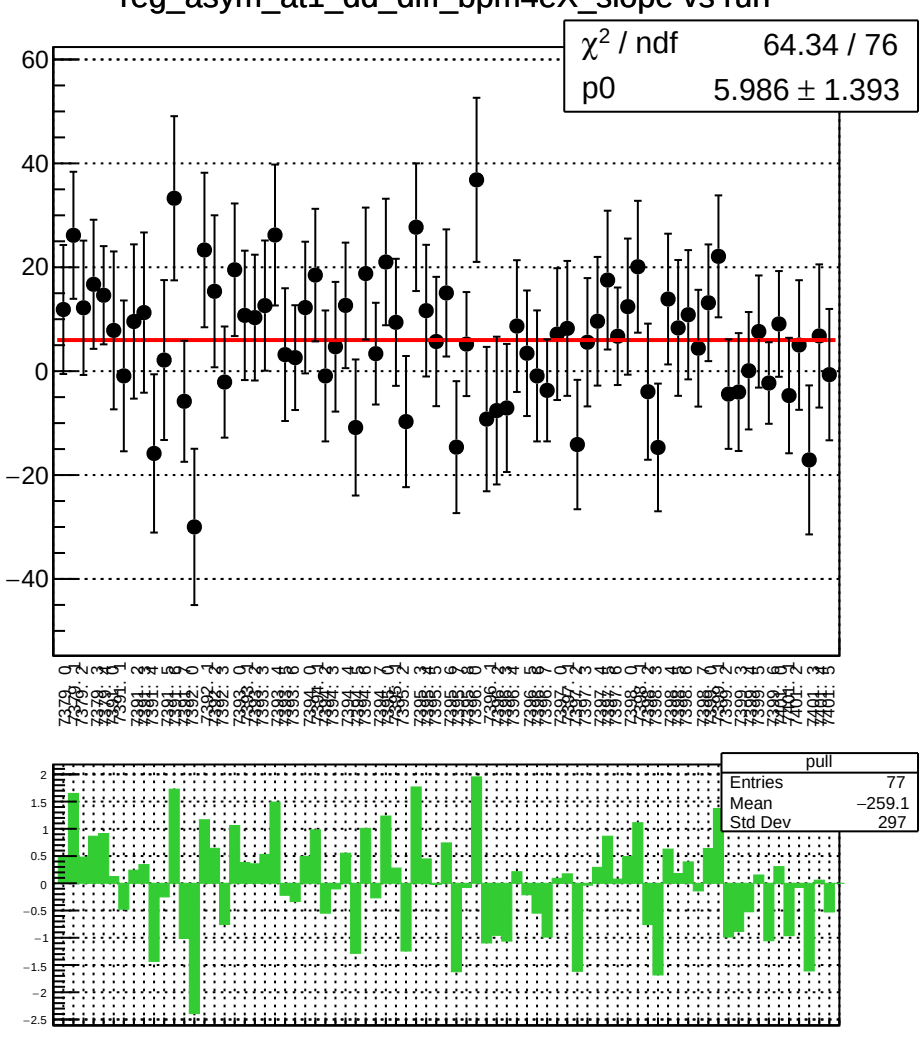

pull1D
Entries 77
Mean 1.65
Std Dev 1.47

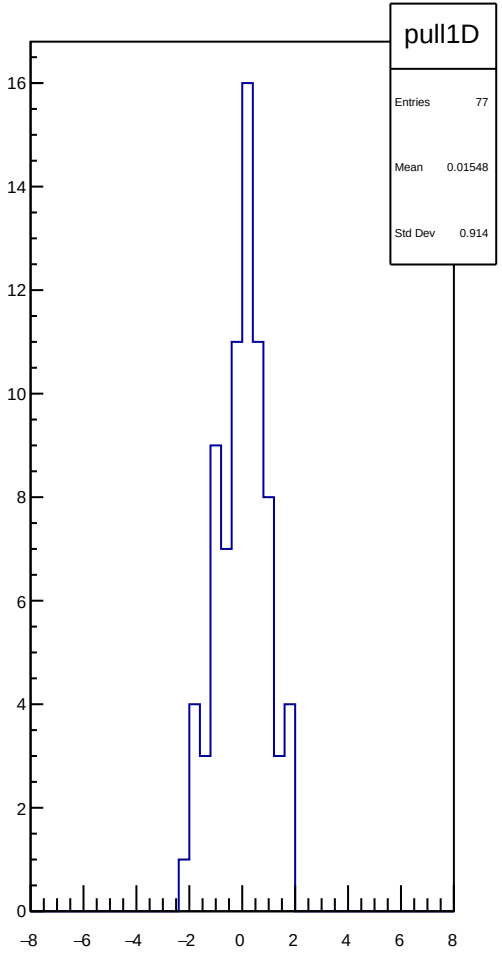

reg_asym_at1_dd_diff_bpm1X_slope vs run
χ² / ndf 61.1 / 76
p0 35.79 ± 1.342
pull
Entries 77
Mean −272.8
Std Dev 312.8

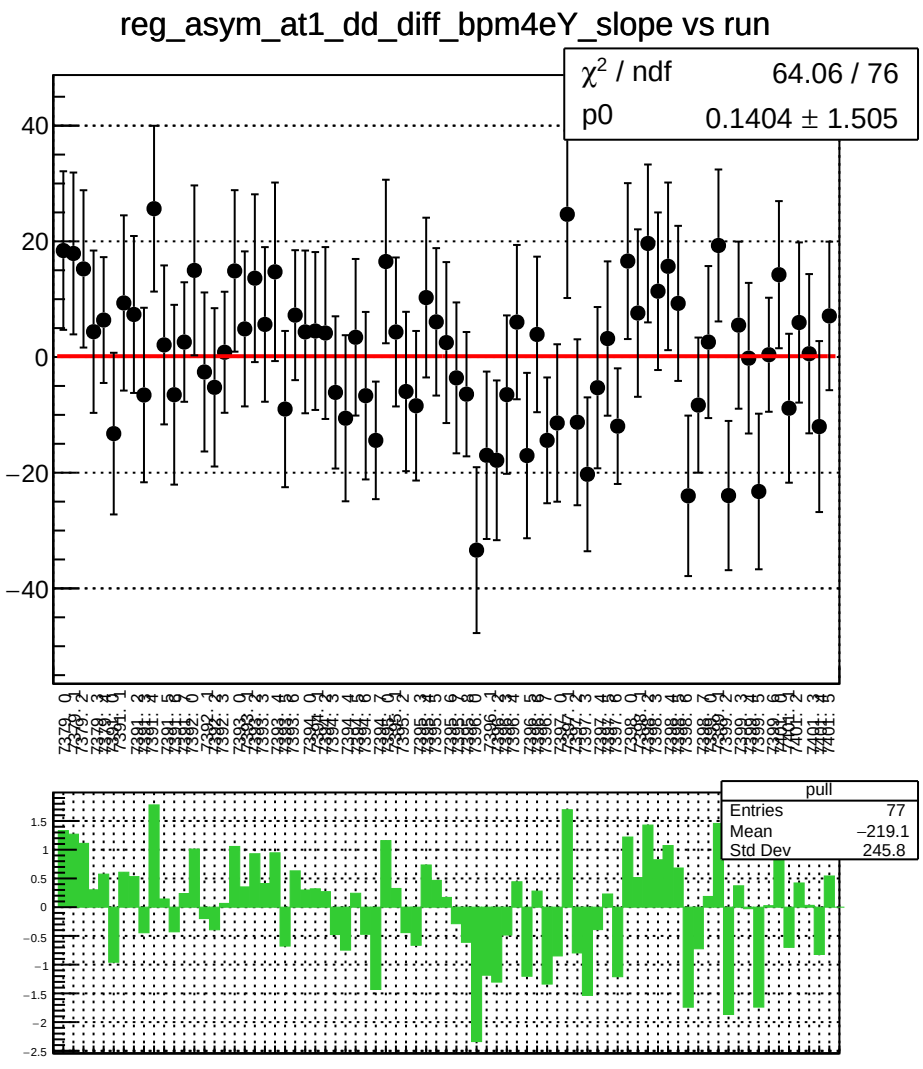

pull1D
Entries 77
Mean −0.01111
Std Dev 0.8908

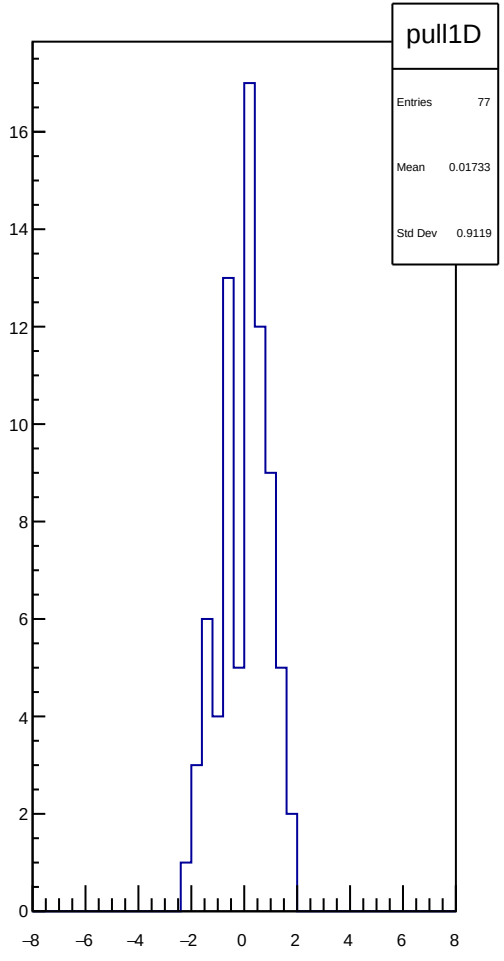

reg_asym_at1_dd_diff_bpm4aY_slope vs run
χ² / ndf 63.02 / 76
p0 −4.3 ± 1.413
pull
Entries 77
Mean −167
Std Dev 195.8

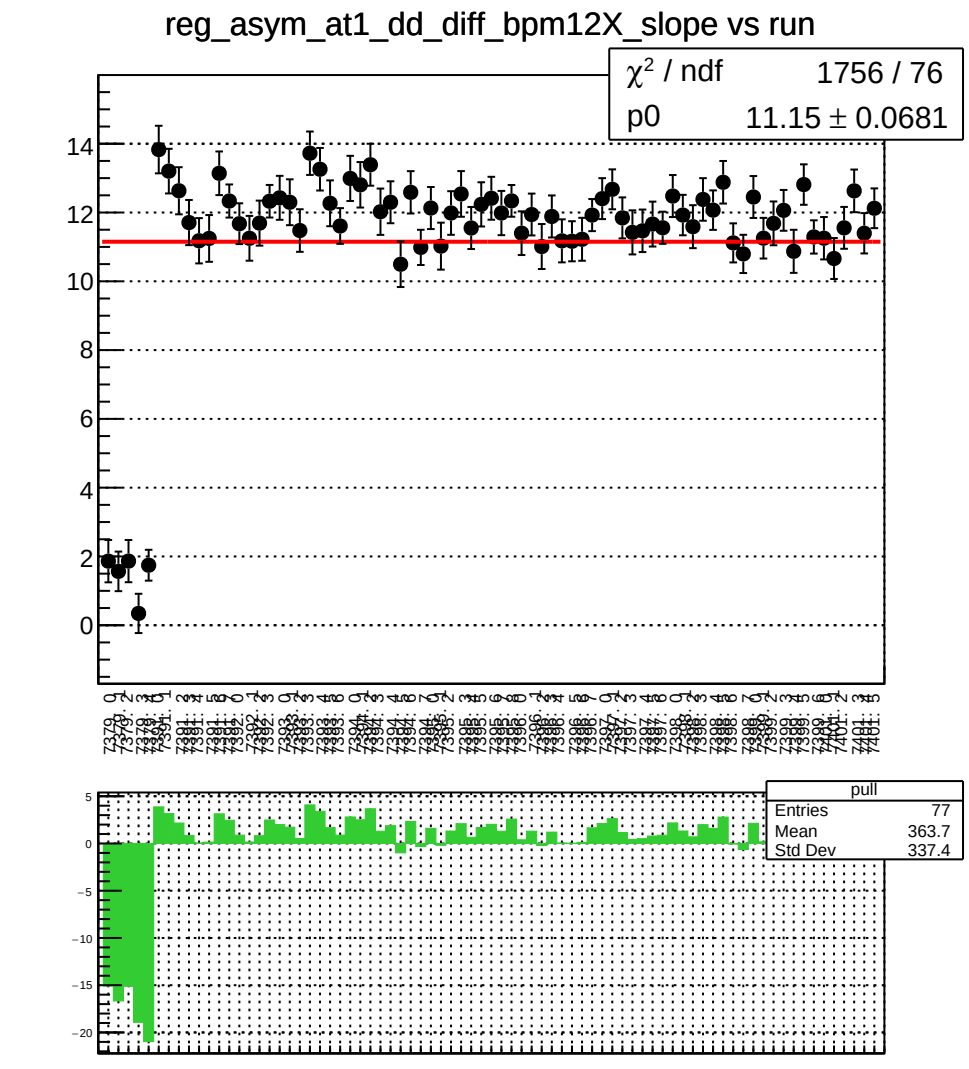

pull1D
Entries 77
Mean −0.01854
Std Dev 0.9045

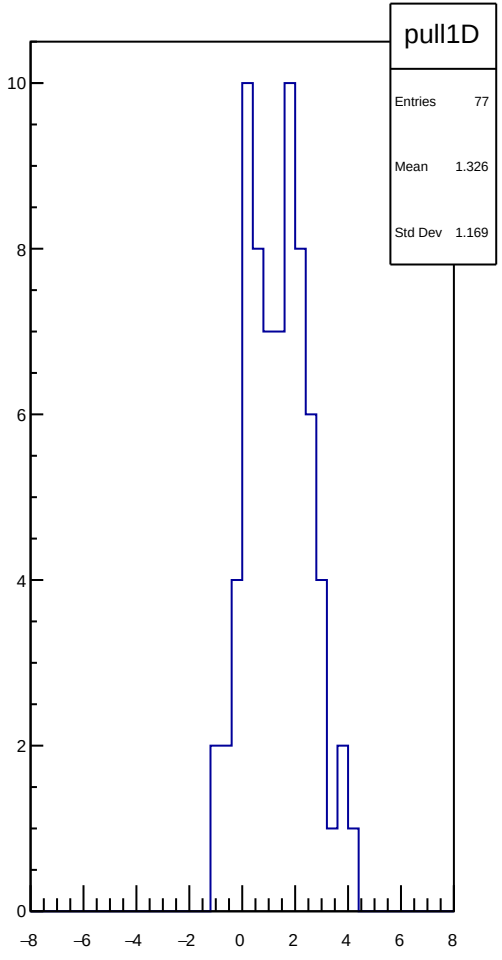

reg_asym_at1_dd_diff_bpm4eX_slope vs run
χ² / ndf 64.34 / 76
p0 5.986 ± 1.393
pull
Entries 77
Mean −259.1
Std Dev 297

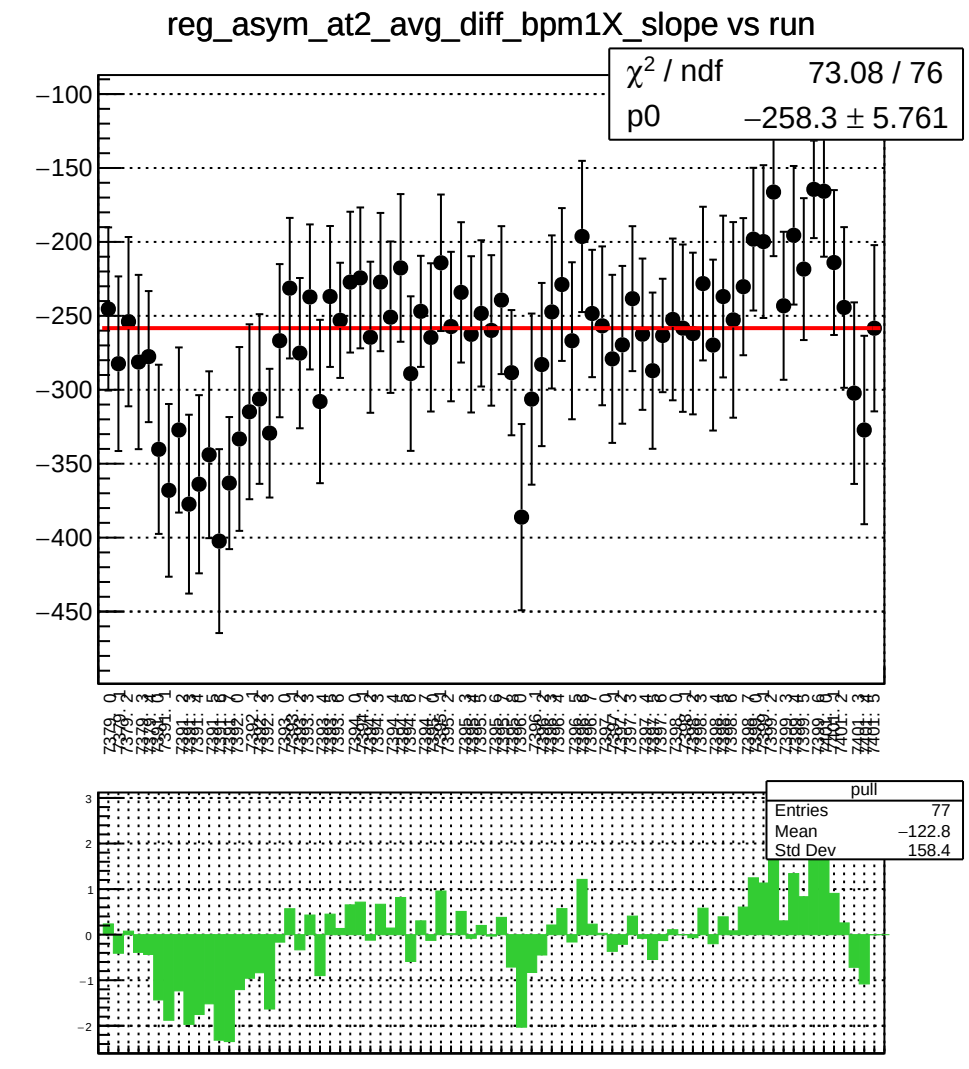

pull1D
Entries 77
Mean 0.01548
Std Dev 0.914

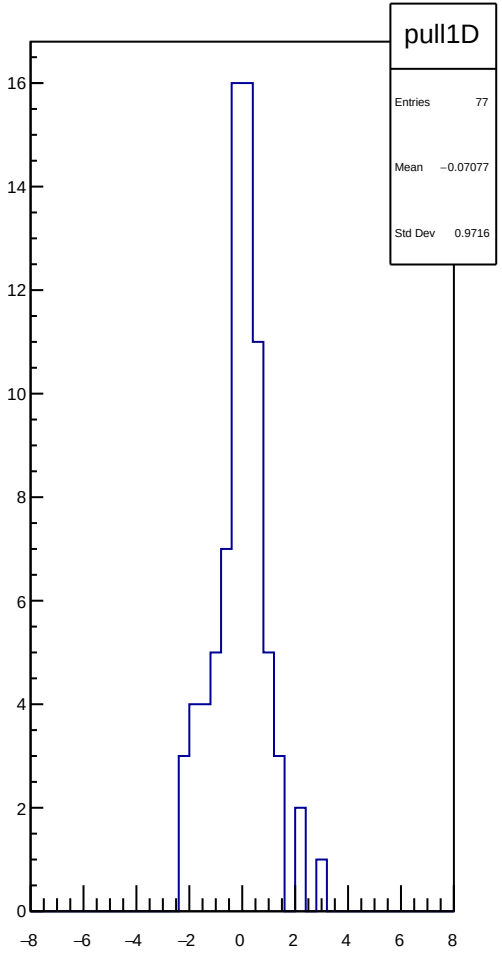

reg_asym_at1_dd_diff_bpm4eY_slope vs run
χ² / ndf 64.06 / 76
p0 0.1404 ± 1.505
40
20
0
−20
−40
pull
Entries 77
Mean −219.1
Std Dev 245.8
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

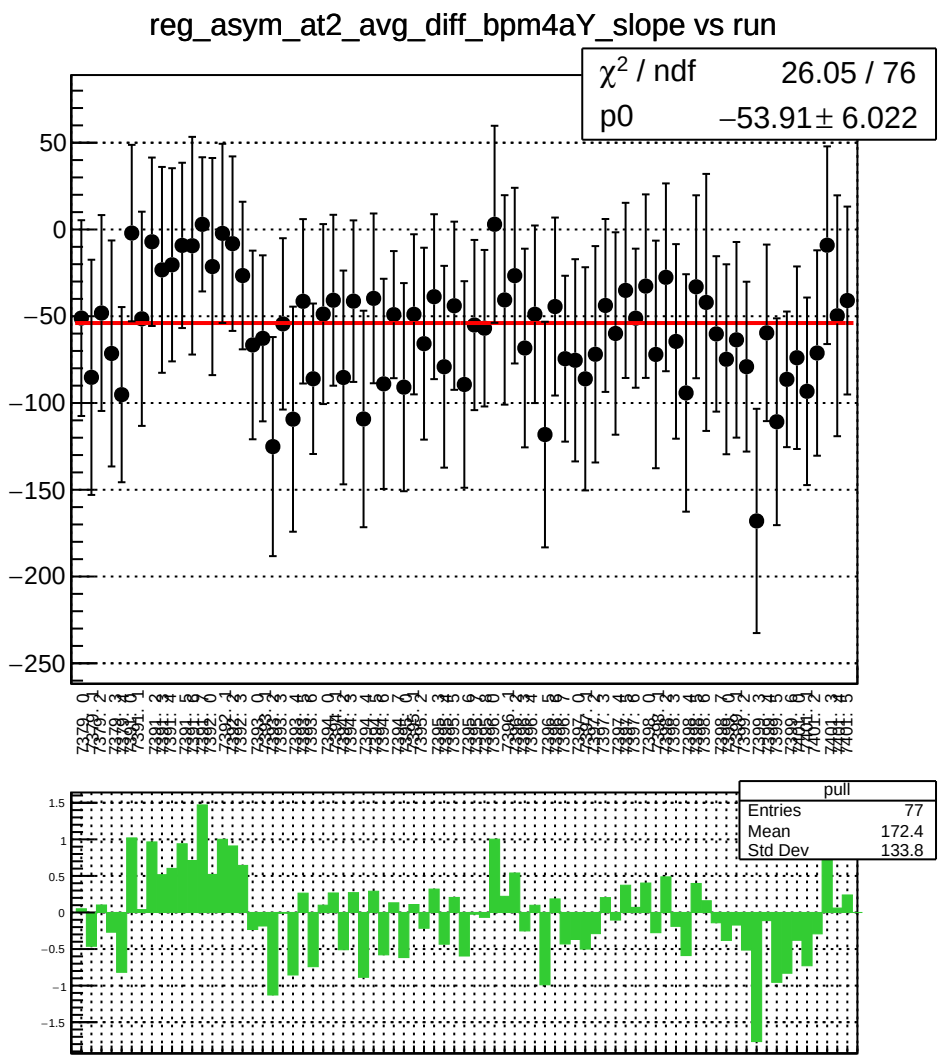

pull1D
Entries 77
Mean 0.01733
Std Dev 0.9119
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

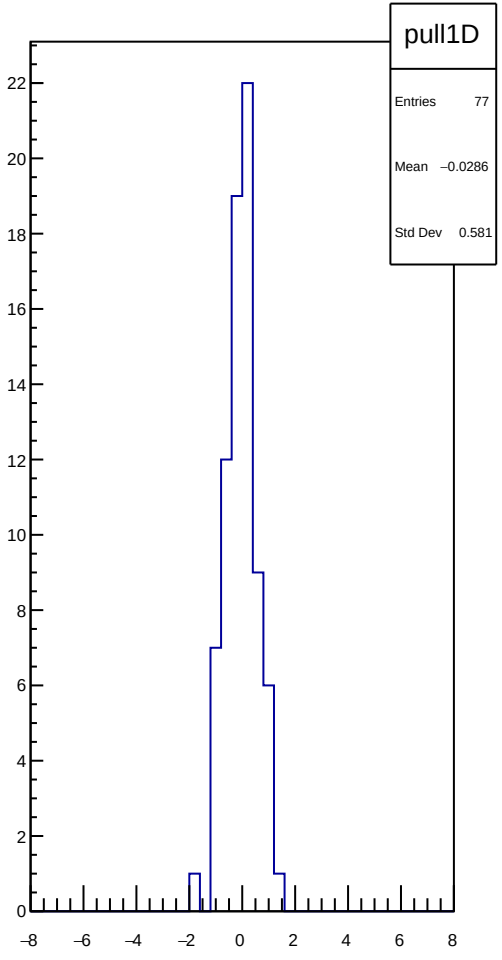

reg_asym_at1_dd_diff_bpm12X_slope vs run
χ² / ndf 1756 / 76
p0 11.15 ± 0.0681
pull
Entries 77
Mean 363.7
Std Dev 337.4

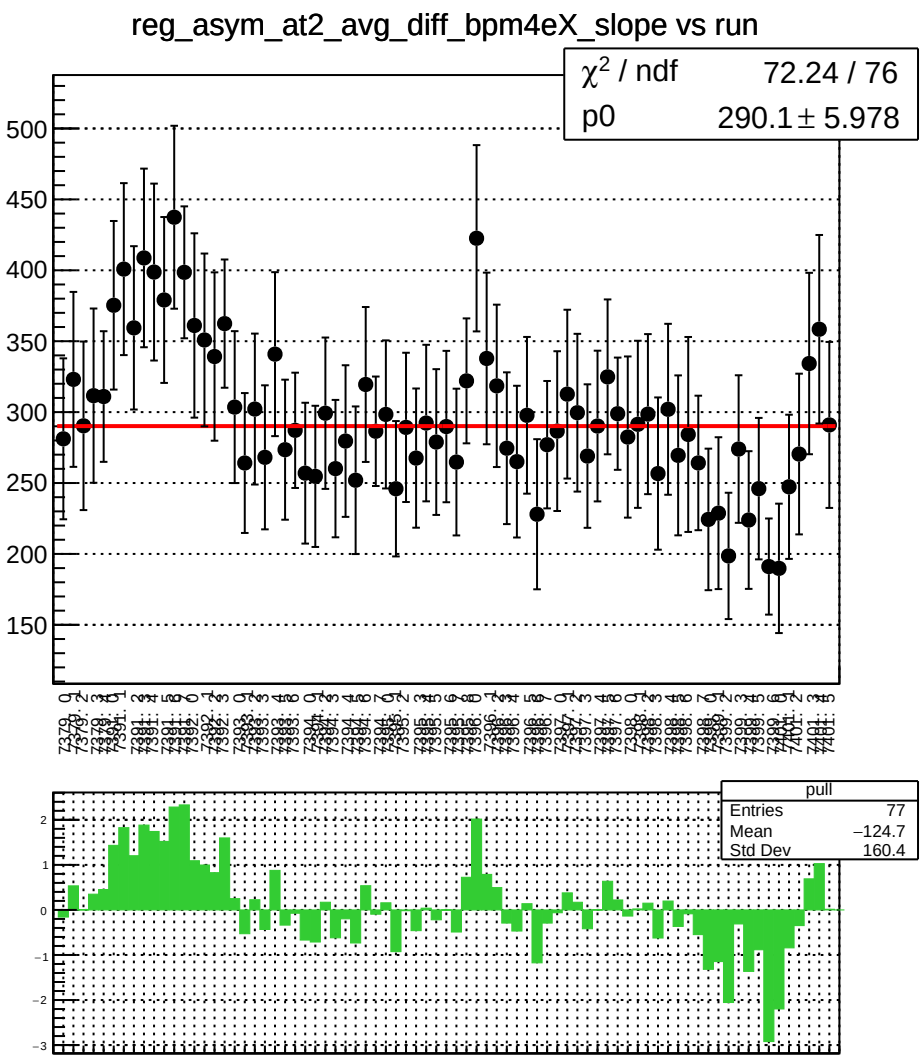

pull1D
Entries 77
Mean 1.326
Std Dev 1.169

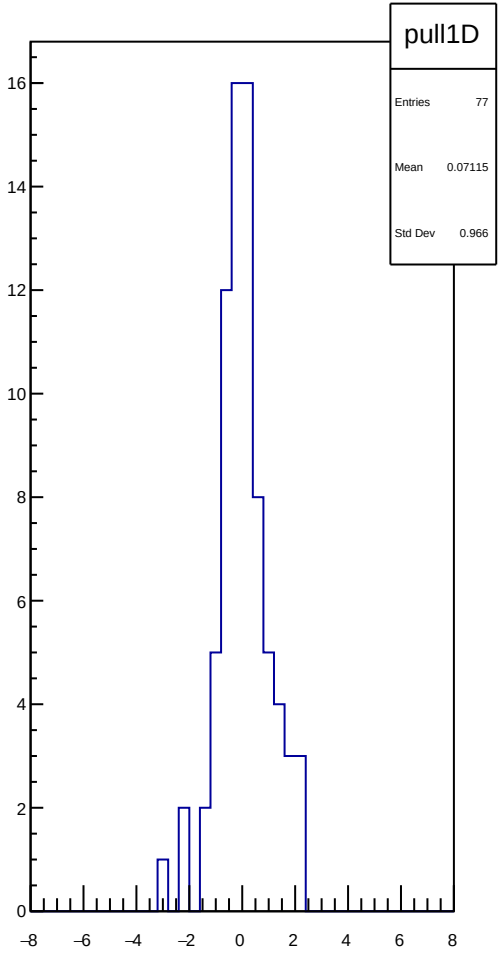

reg_asym_at2_avg_diff_bpm1X_slope vs run
χ² / ndf 73.08 / 76
p0 −258.3 ± 5.761
pull
Entries 77
Mean −122.8
Std Dev 158.4

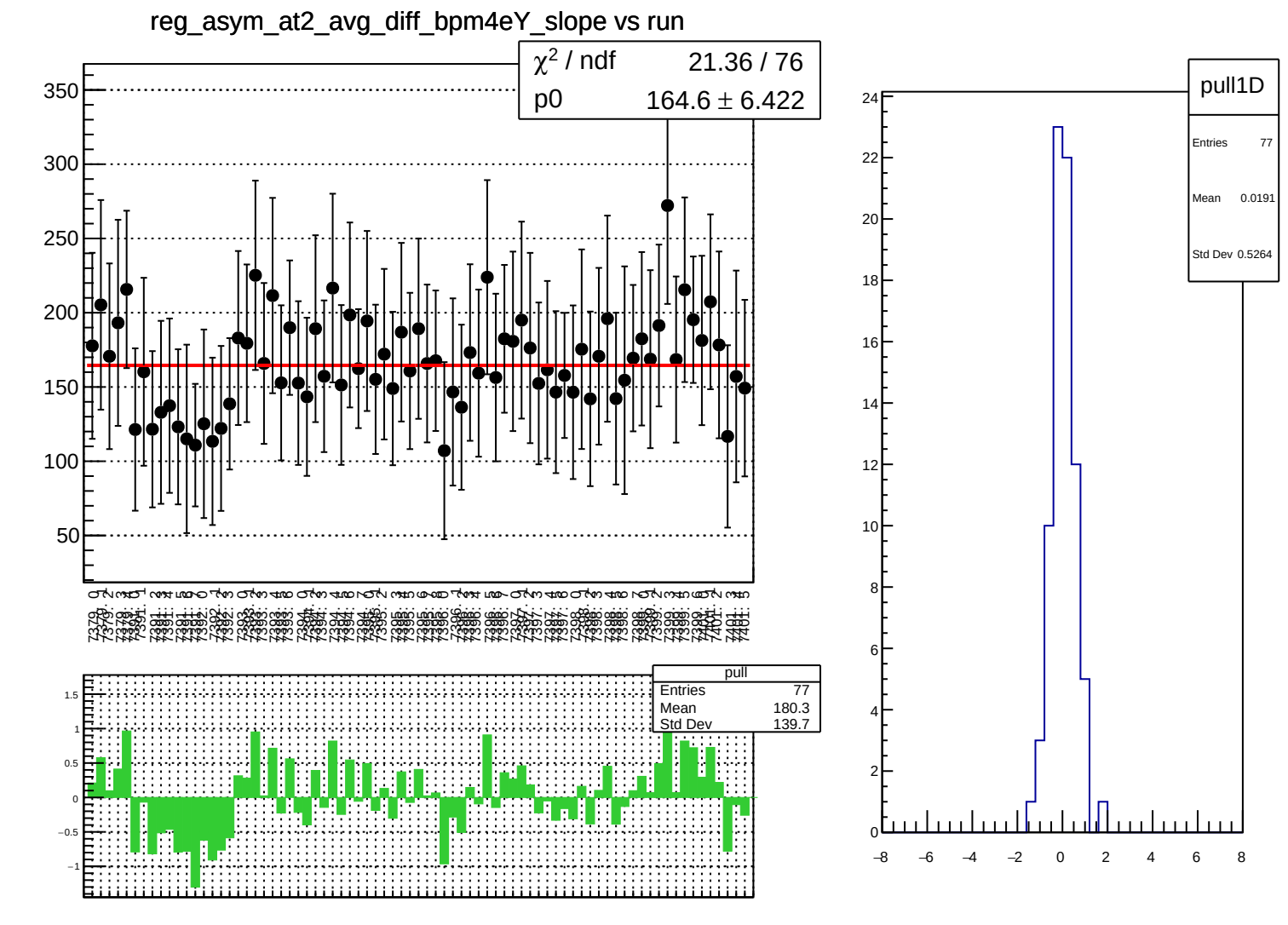

pull1D
Entries 77
Mean −0.07077
Std Dev 0.9716

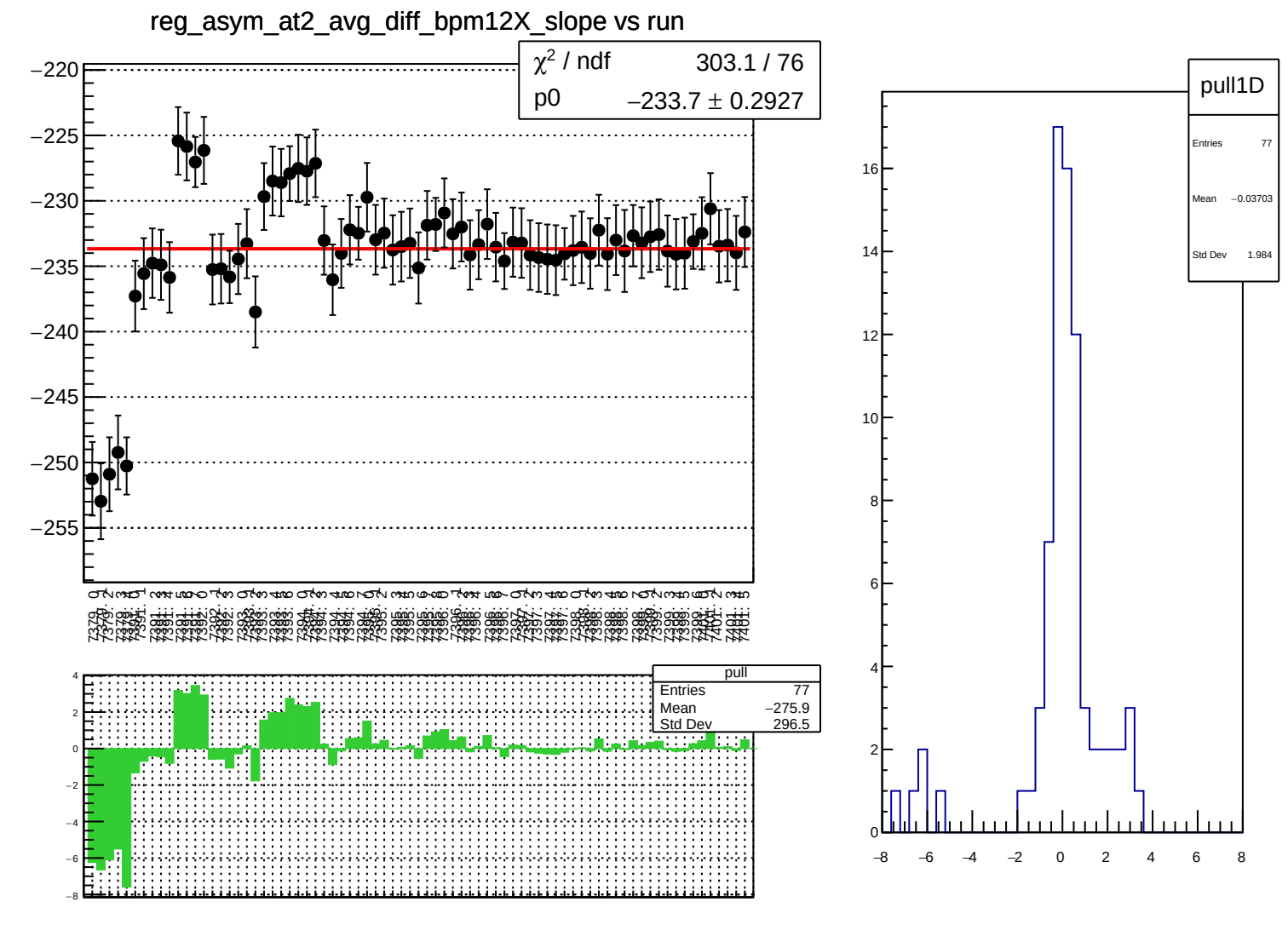

reg_asym_at2_avg_diff_bpm4aY_slope vs run
χ² / ndf 26.05 / 76
p0 −53.91 ± 6.022
pull
Entries 77
Mean 172.4
Std Dev 133.8

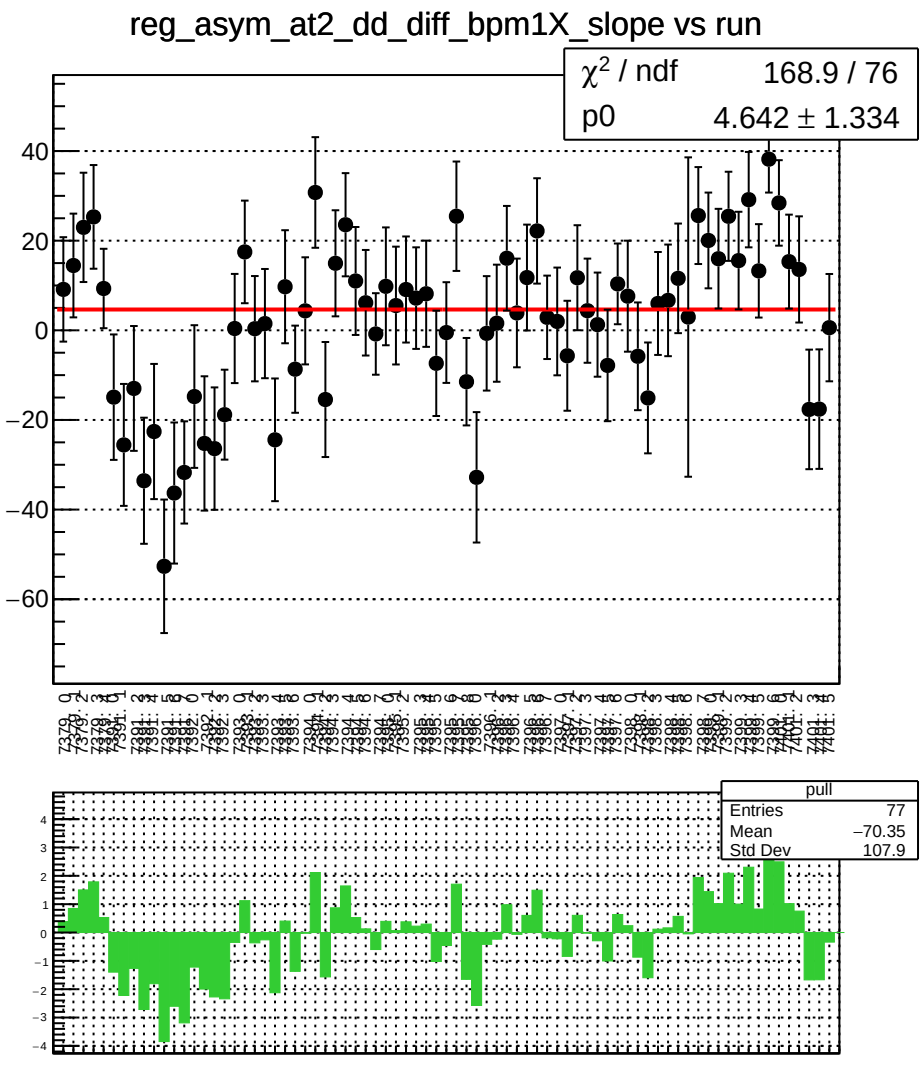

pull1D
Entries 77
Mean −0.0286
Std Dev 0.581

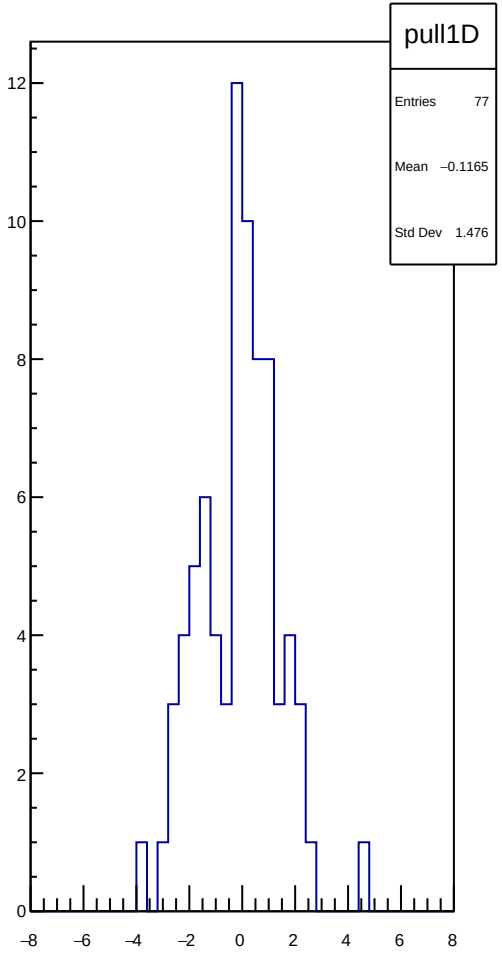

reg_asym_at2_avg_diff_bpm4eX_slope vs run
χ² / ndf 72.24 / 76
p0 290.1 ± 5.978
pull
Entries 77
Mean −124.7
Std Dev 160.4

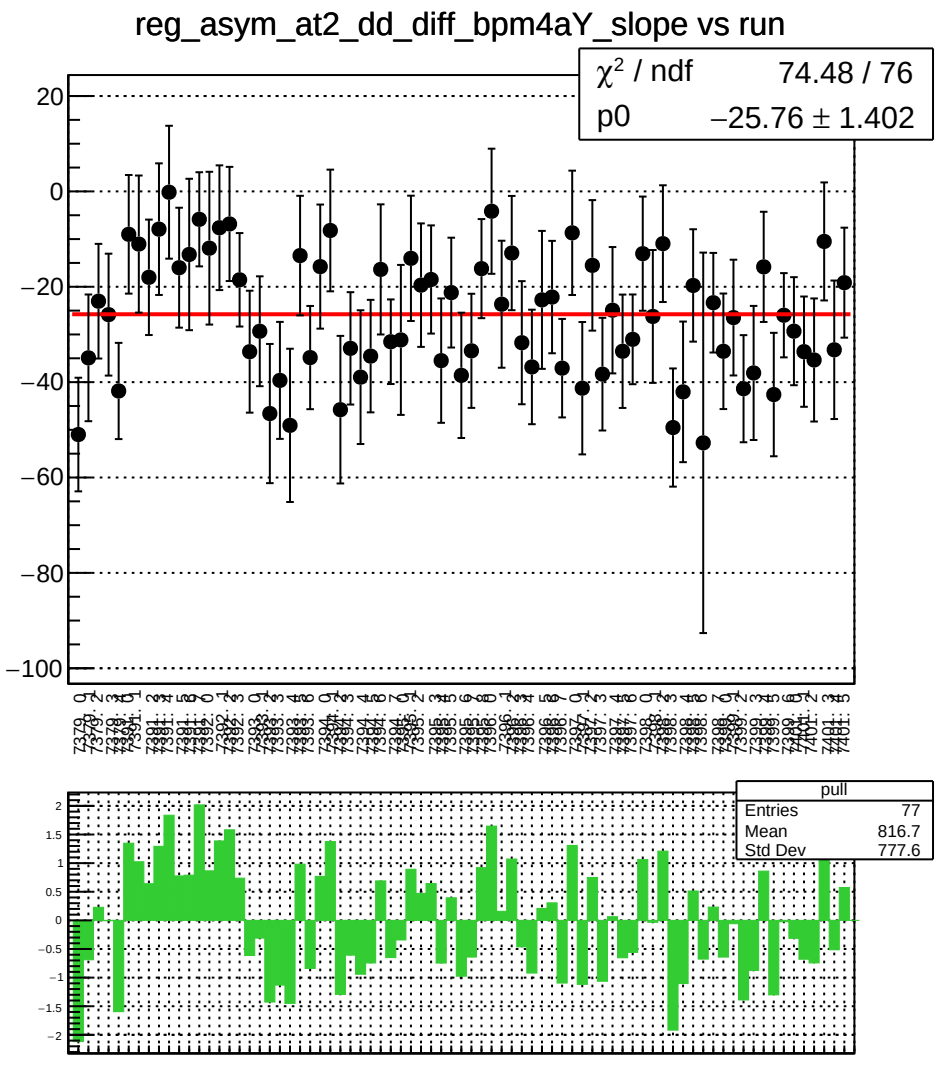

pull1D
Entries 77
Mean 0.07115
Std Dev 0.966

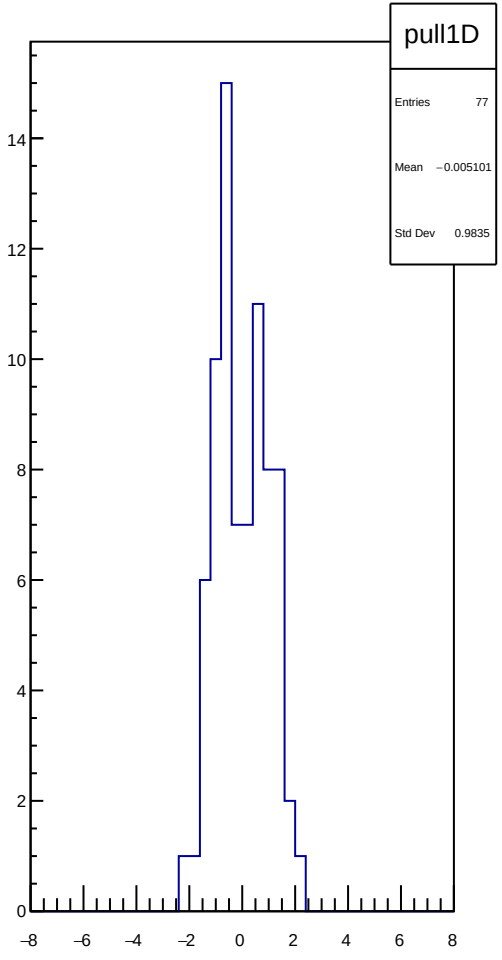

reg_asym_at2_avg_diff_bpm4eY_slope vs run
χ² / ndf 21.36 / 76
p0 164.6 ± 6.422
pull
Entries 77
Mean 180.3
Std Dev 139.7
pull1D
Entries 77
Mean 0.0191
Std Dev 0.5264

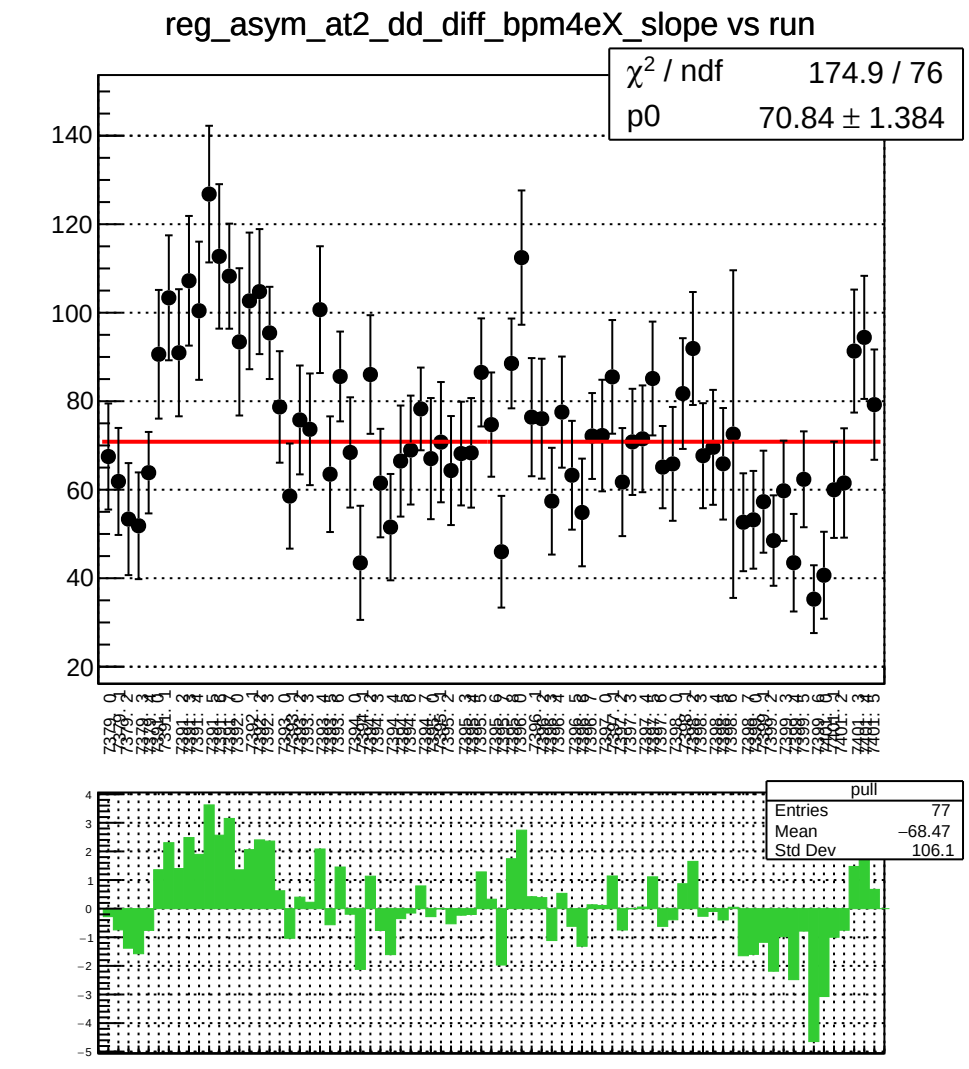

reg_asym_at2_avg_diff_bpm12X_slope vs run
χ² / ndf 303.1 / 76
p0 −233.7 ± 0.2927
pull
Entries 77
Mean −275.9
Std Dev 296.5
pull1D
Entries 77
Mean −0.03703
Std Dev 1.984

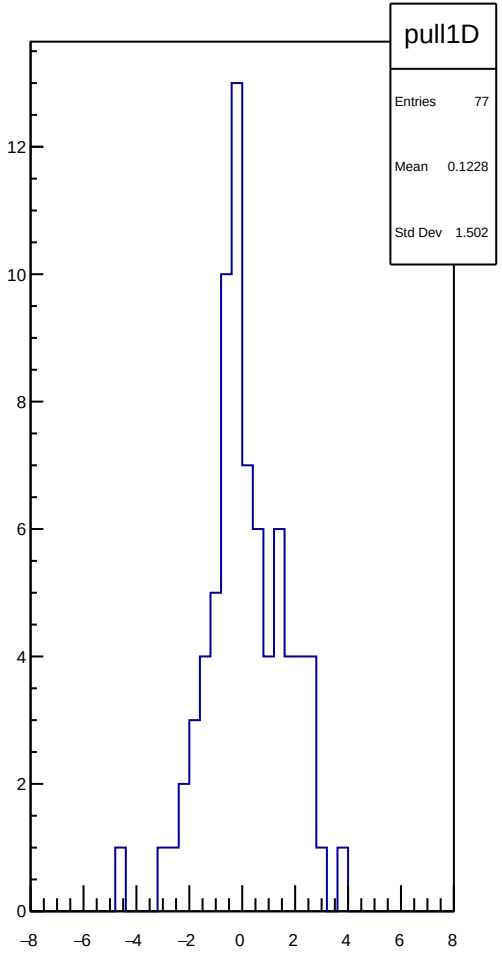

reg_asym_at2_dd_diff_bpm1X_slope vs run
χ² / ndf 168.9 / 76
p0 4.642 ± 1.334
pull
Entries 77
Mean −70.35
Std Dev 107.9

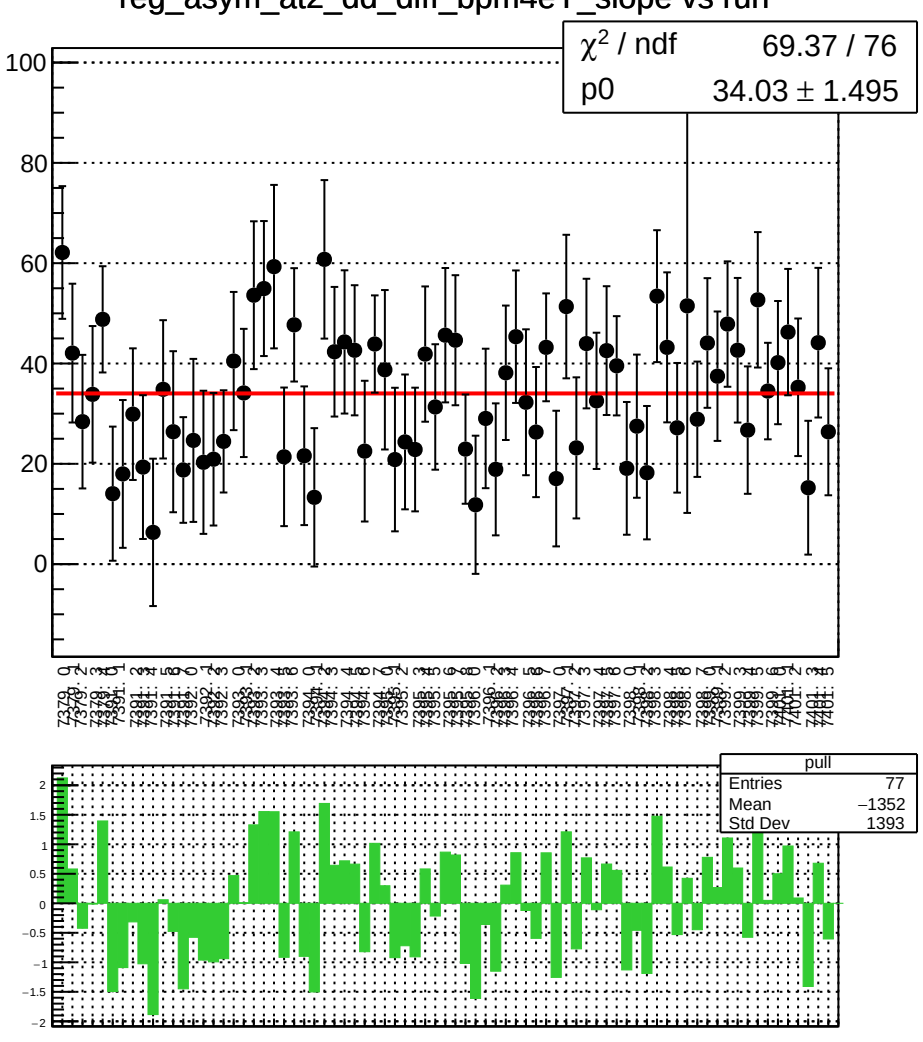

pull1D
Entries 77
Mean −0.1165
Std Dev 1.476

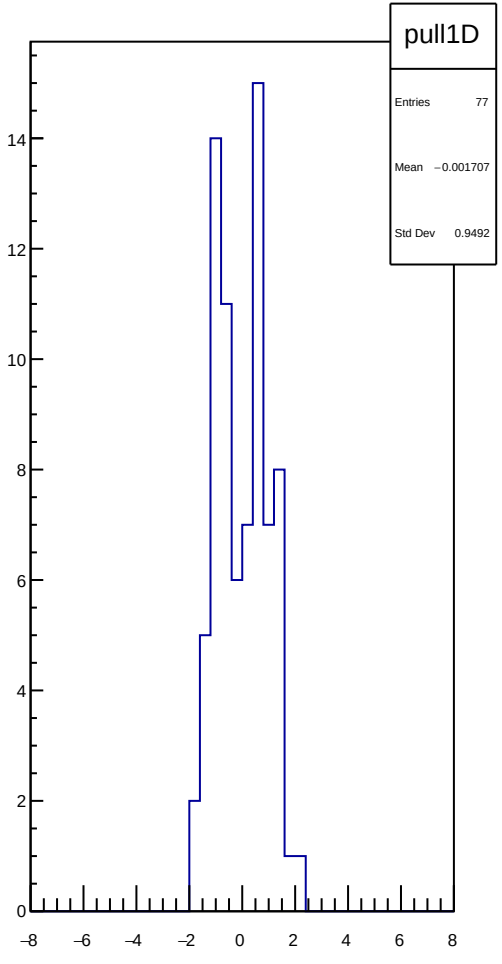

reg_asym_at2_dd_diff_bpm4aY_slope vs run
χ² / ndf 74.48 / 76
p0 −25.76 ± 1.402
pull
Entries 77
Mean 816.7
Std Dev 777.6

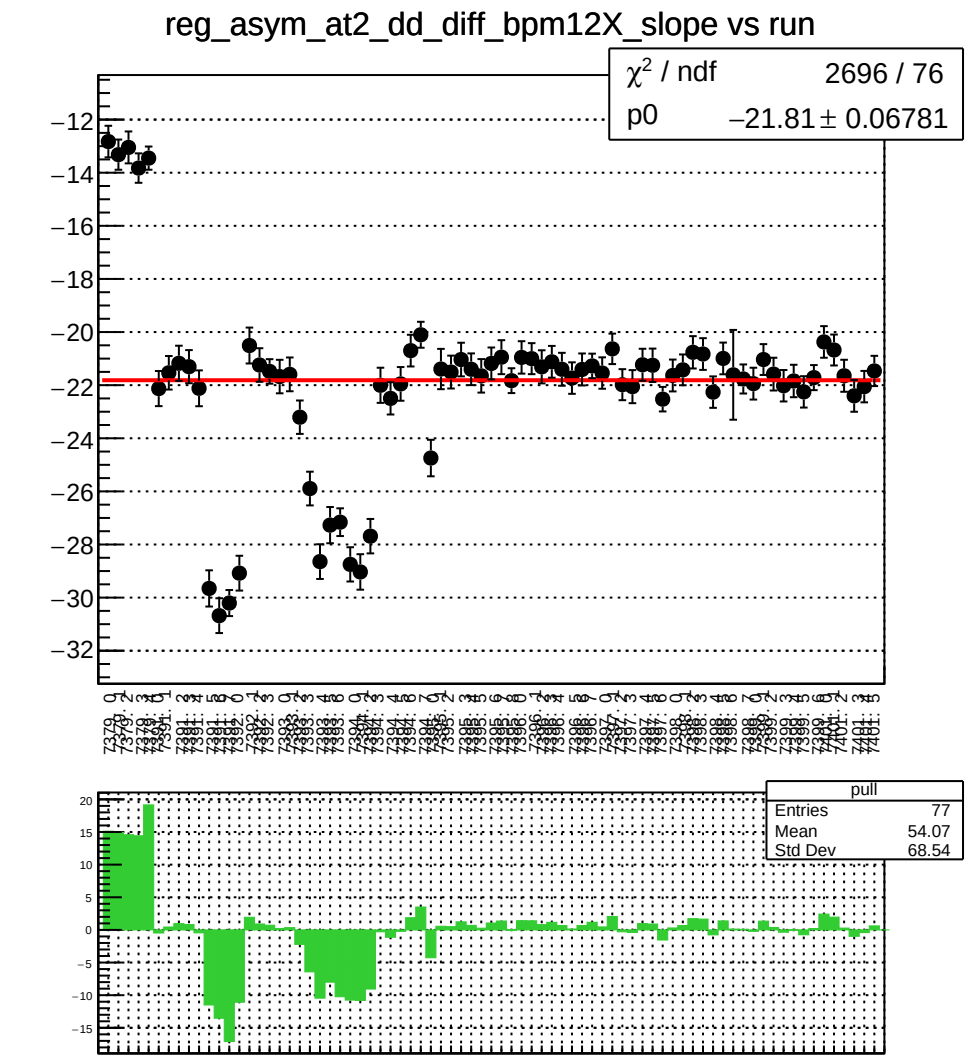

pull1D
Entries 77
Mean −0.005101
Std Dev 0.9835

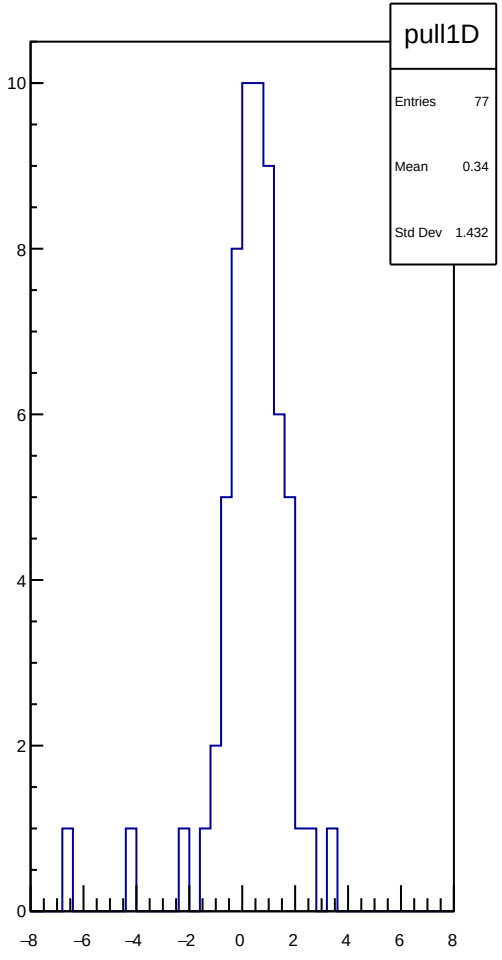

reg_asym_at2_dd_diff_bpm4eX_slope vs run
χ² / ndf 174.9 / 76
p0 70.84 ± 1.384
pull
Entries 77
Mean −68.47
Std Dev 106.1

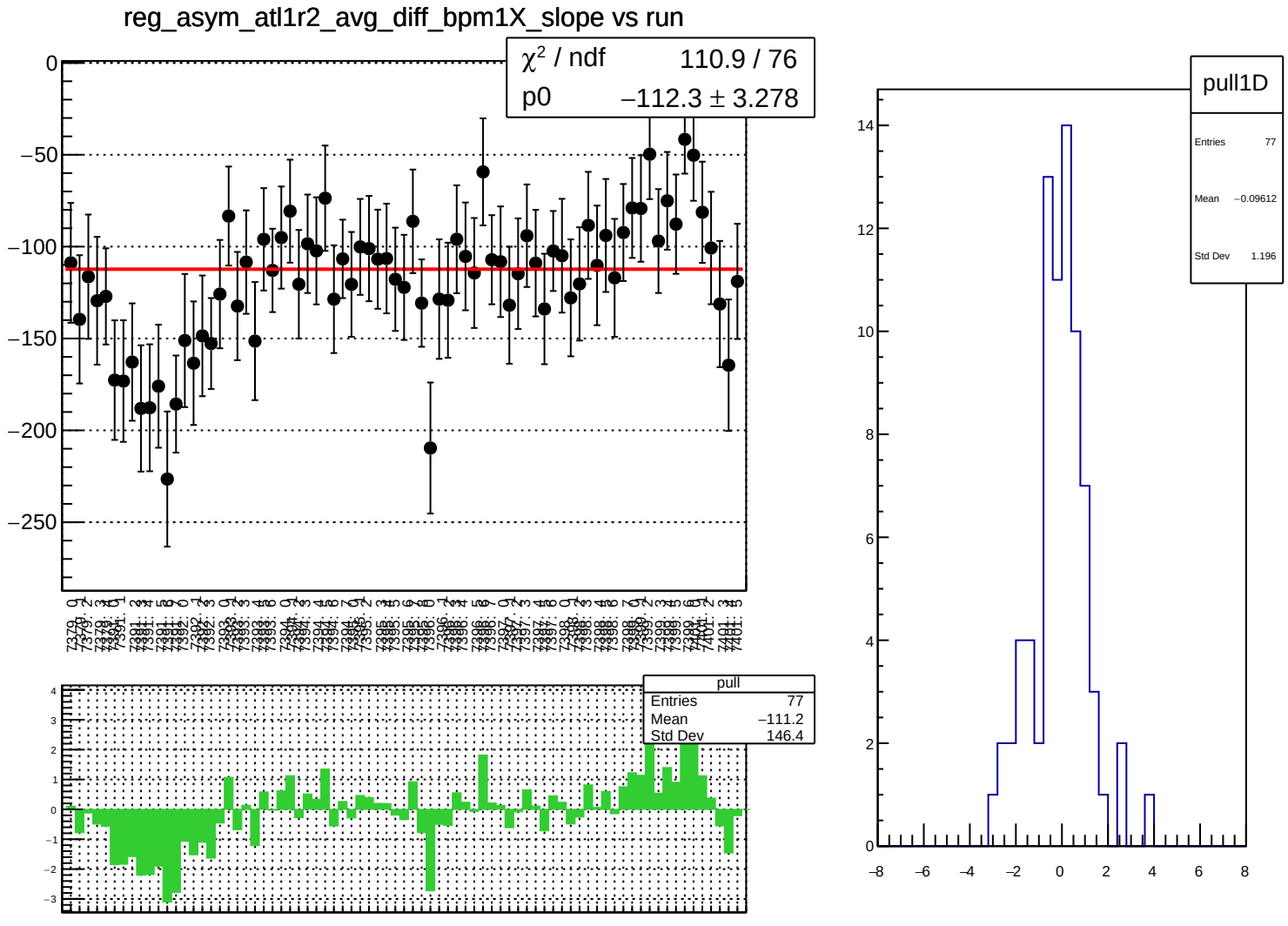

pull1D
Entries 77
Mean 0.1228
Std Dev 1.502

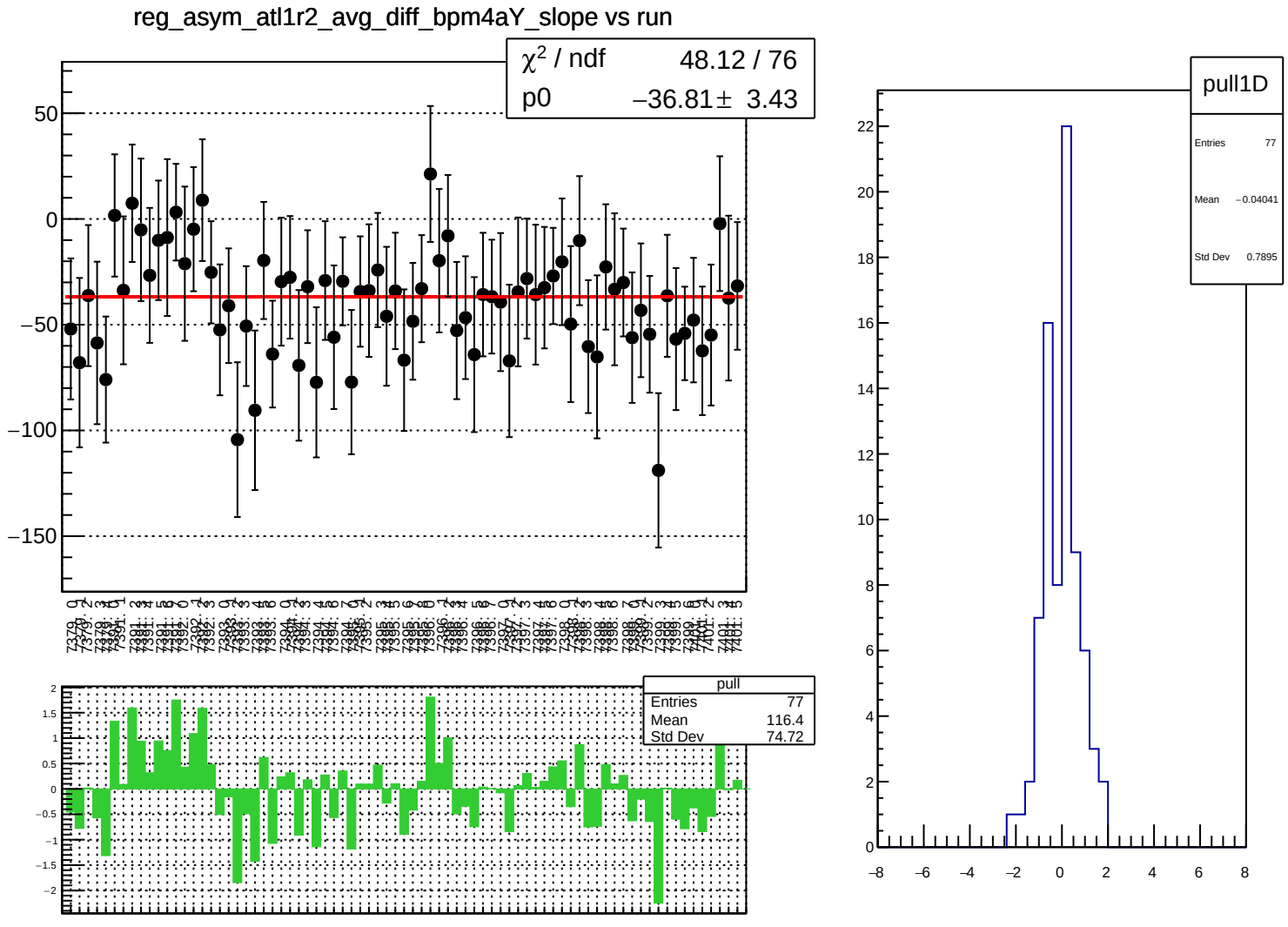

reg_asym_at2_dd_diff_bpm4eY_slope vs run
χ² / ndf 69.37 / 76
p0 34.03 ± 1.495
pull
Entries 77
Mean −1352
Std Dev 1393

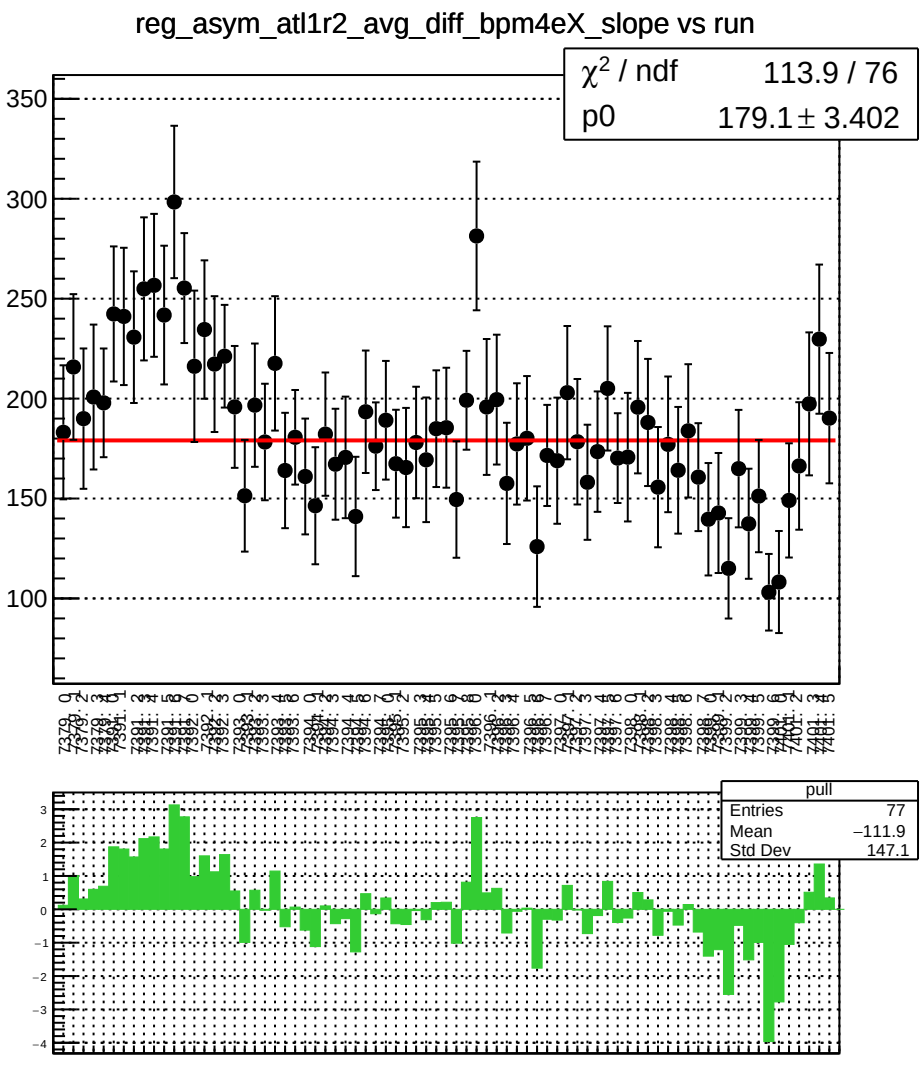

pull1D
Entries 77
Mean −0.001707
Std Dev 0.9492

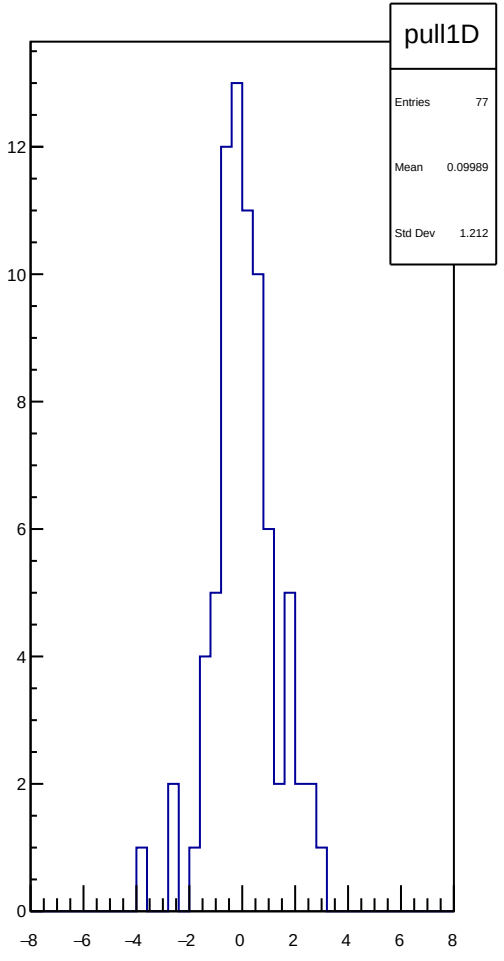

reg_asym_at2_dd_diff_bpm12X_slope vs run
χ² / ndf 2696 / 76
p0 −21.81 ± 0.06781
pull
Entries 77
Mean 54.07
Std Dev 68.54

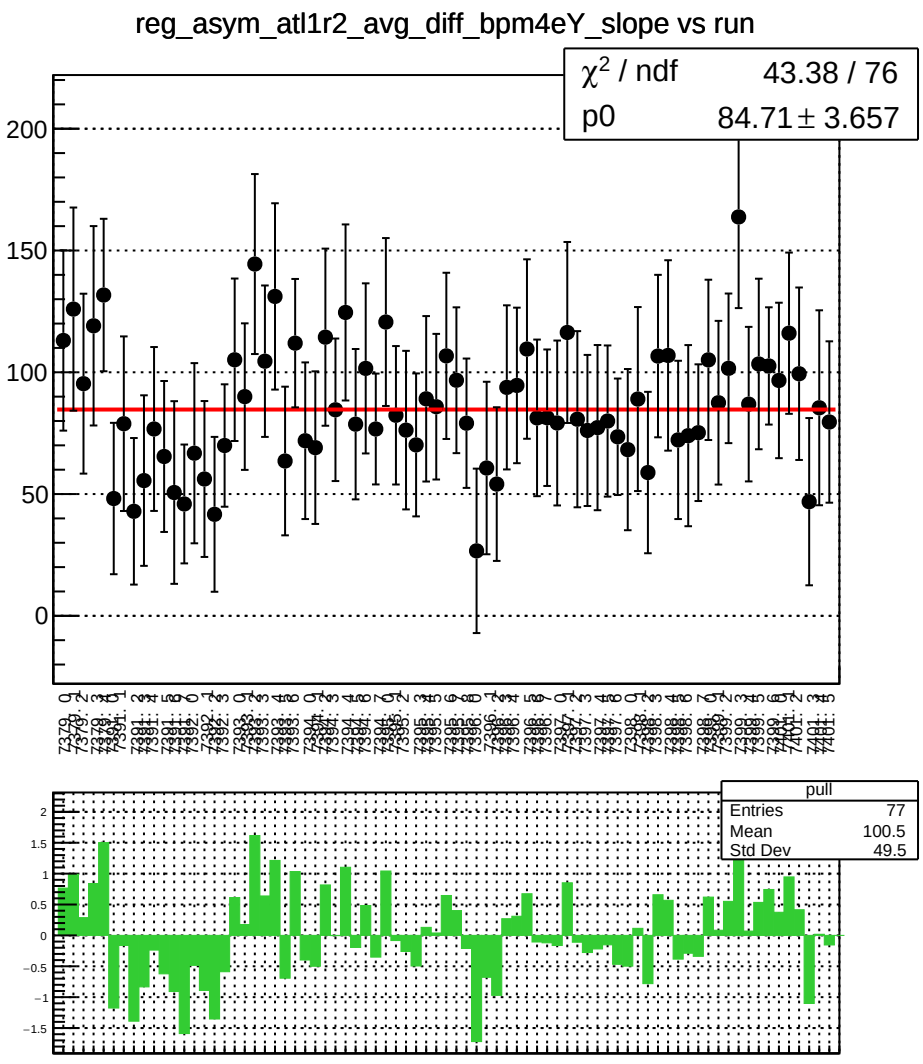

pull1D
Entries 77
Mean 0.34
Std Dev 1.432

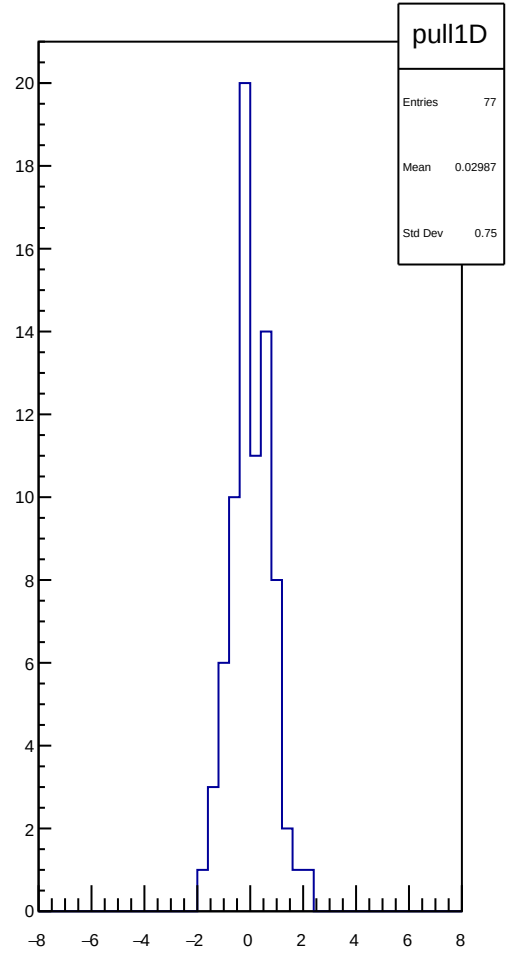

reg_asym_atl1r2_avg_diff_bpm1X_slope vs run
χ² / ndf 110.9 / 76
p0 −112.3 ± 3.278
pull
Entries 77
Mean −111.2
Std Dev 146.4
pull1D
Entries 77
Mean −0.09612
Std Dev 1.196

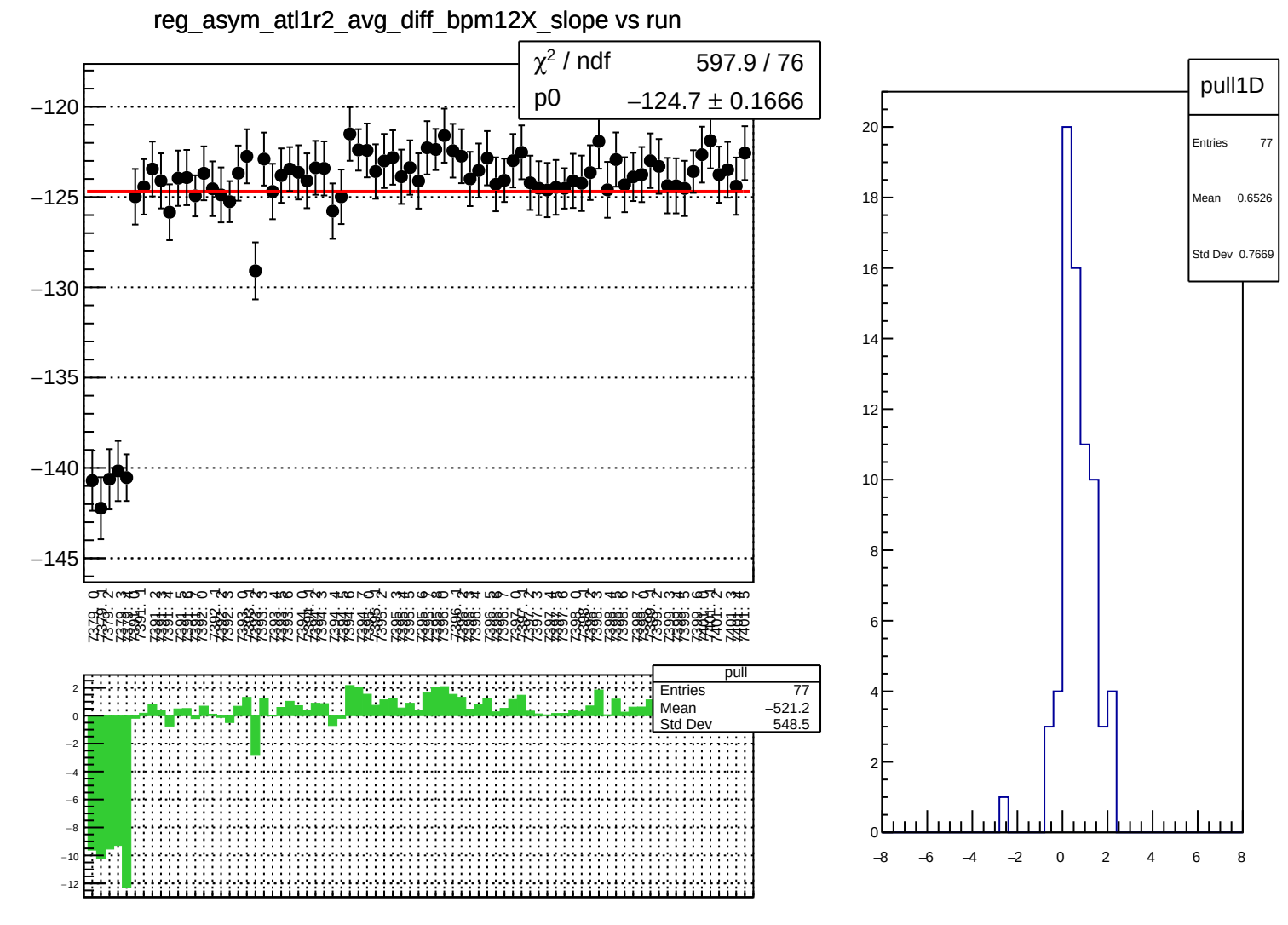

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs run
χ² / ndf 48.12 / 76
p0 −36.81 ± 3.43
50
0
−50
−100
−150
pull
Entries 77
Mean 116.4
Std Dev 74.72
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
pull1D
Entries 77
Mean −0.04041
Std Dev 0.7895
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

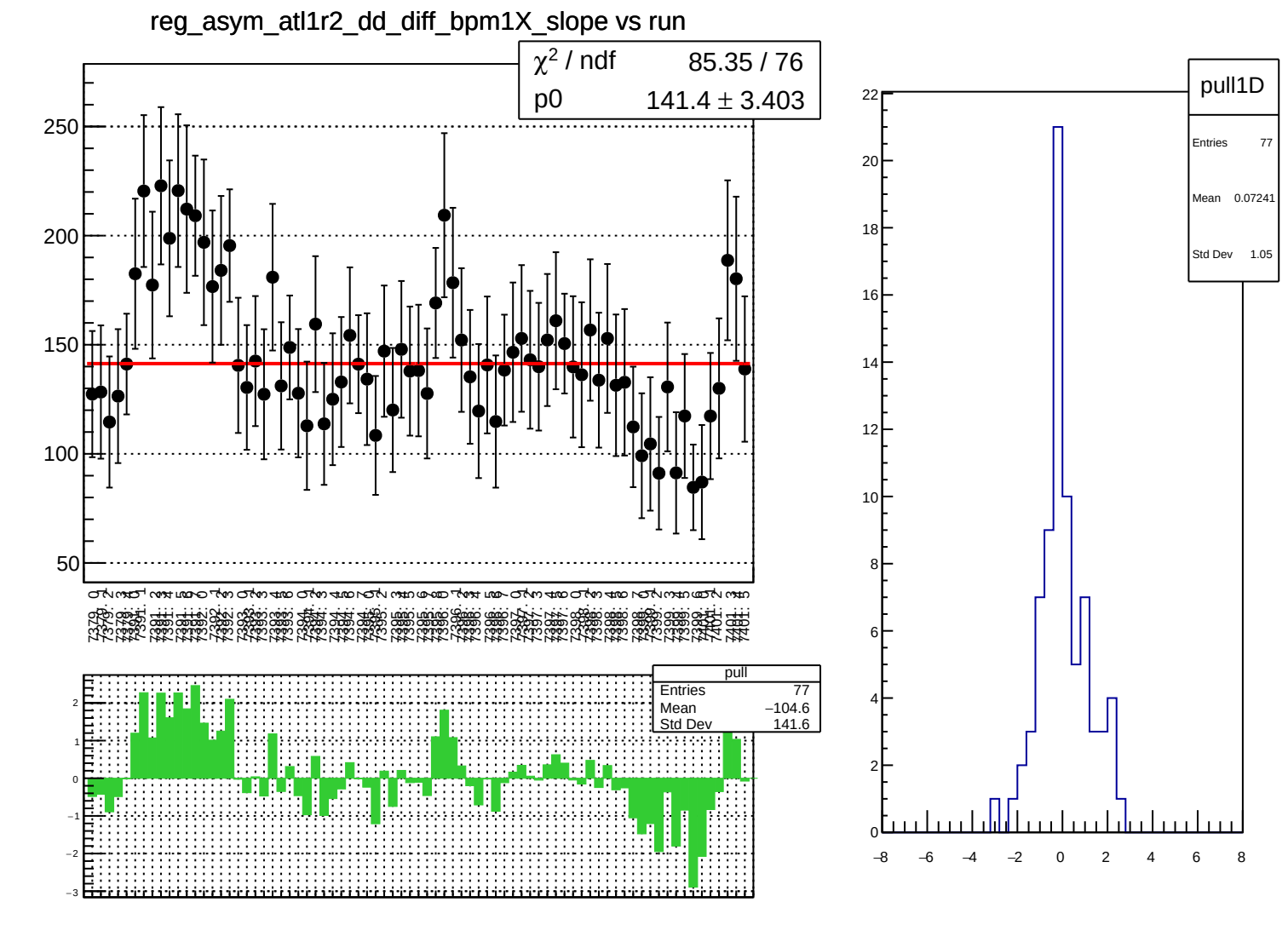

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs run
χ² / ndf 113.9 / 76
p0 179.1 ± 3.402
pull
Entries 77
Mean −111.9
Std Dev 147.1

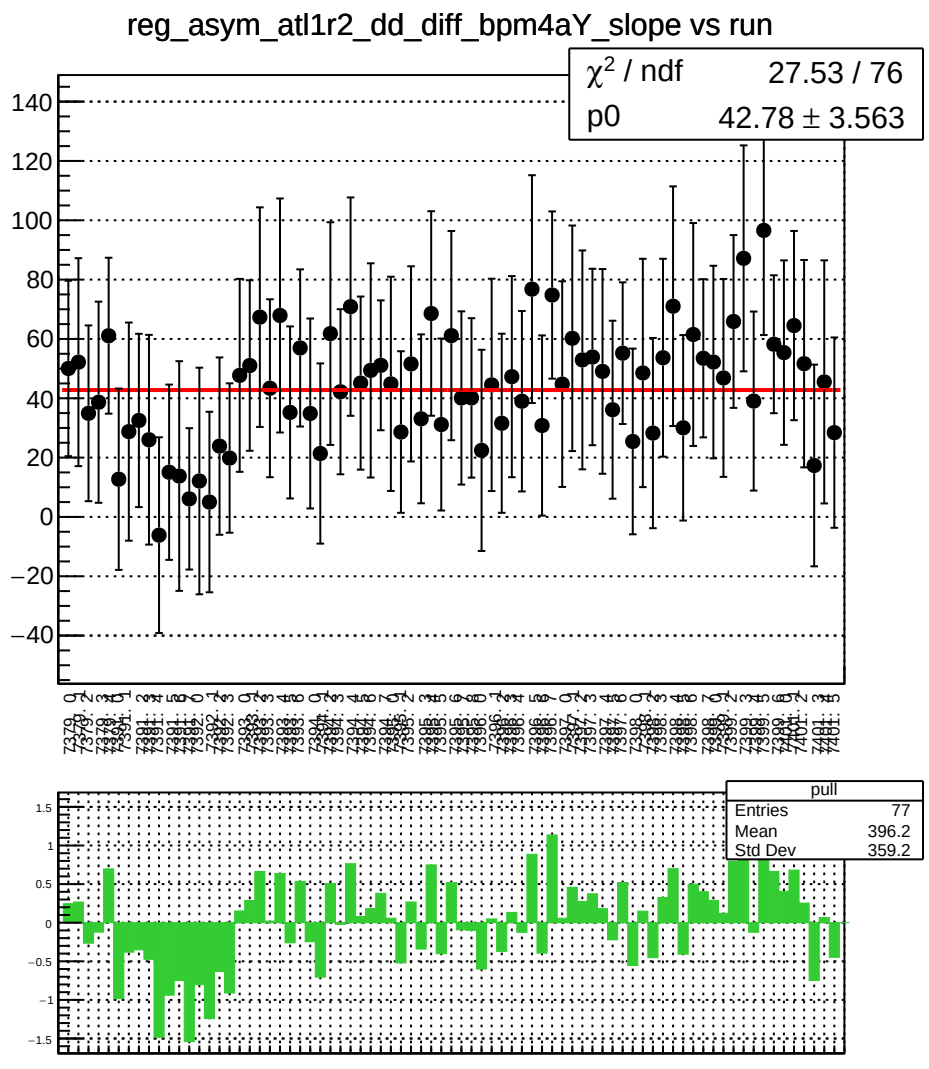

pull1D
Entries 77
Mean 0.09989
Std Dev 1.212

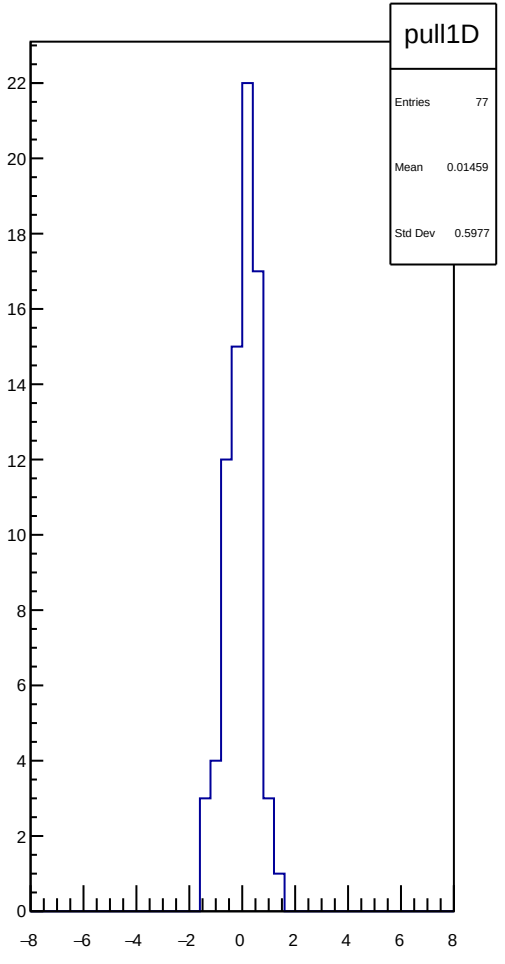

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs run
χ² / ndf 43.38 / 76
p0 84.71 ± 3.657
200
150
100
50
0
pull
Entries 77
Mean 100.5
Std Dev 49.5
2
1.5
1
0.5
0
−0.5
−1
−1.5

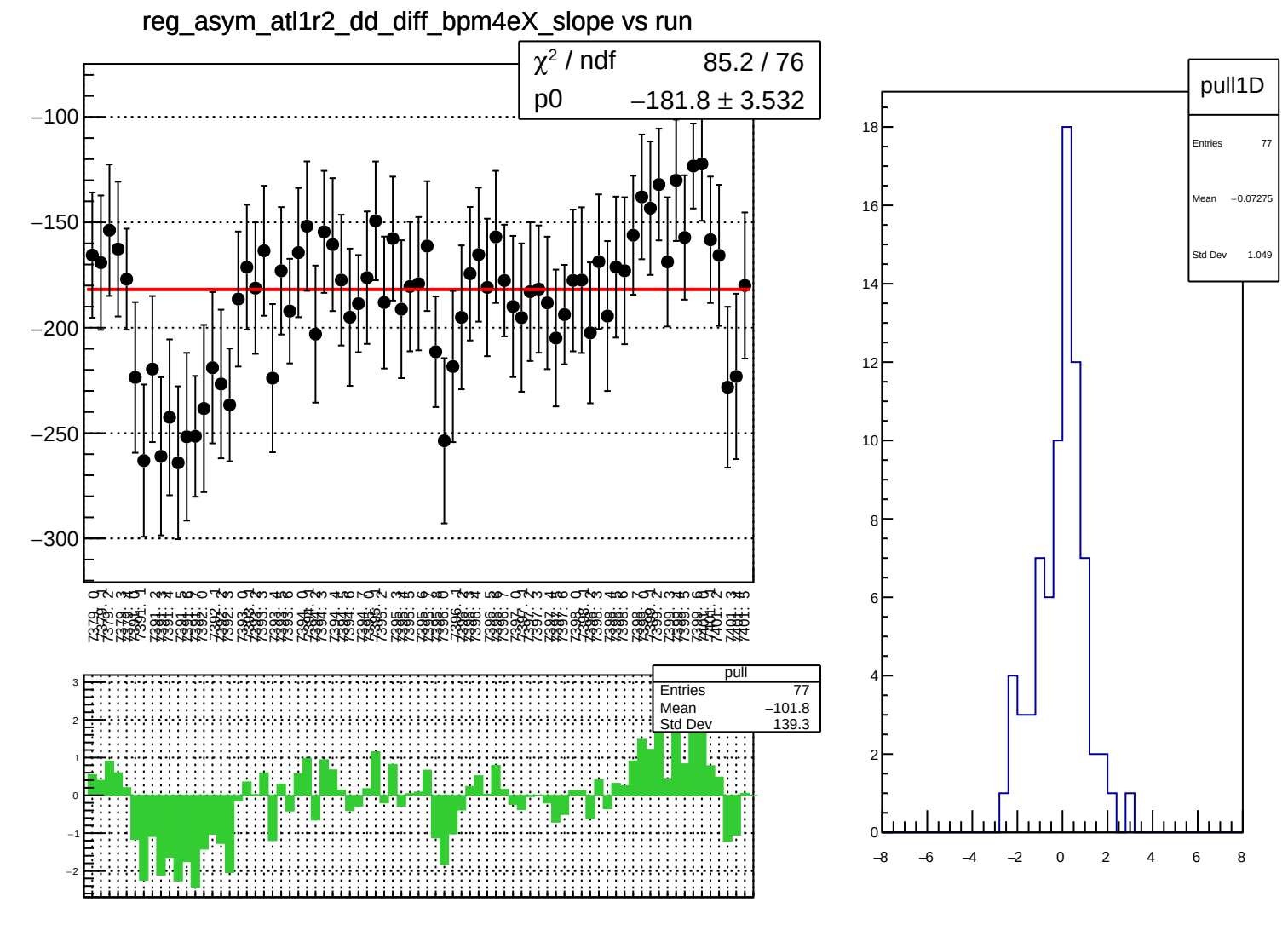

pull1D
Entries 77
Mean 0.02987
Std Dev 0.75
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

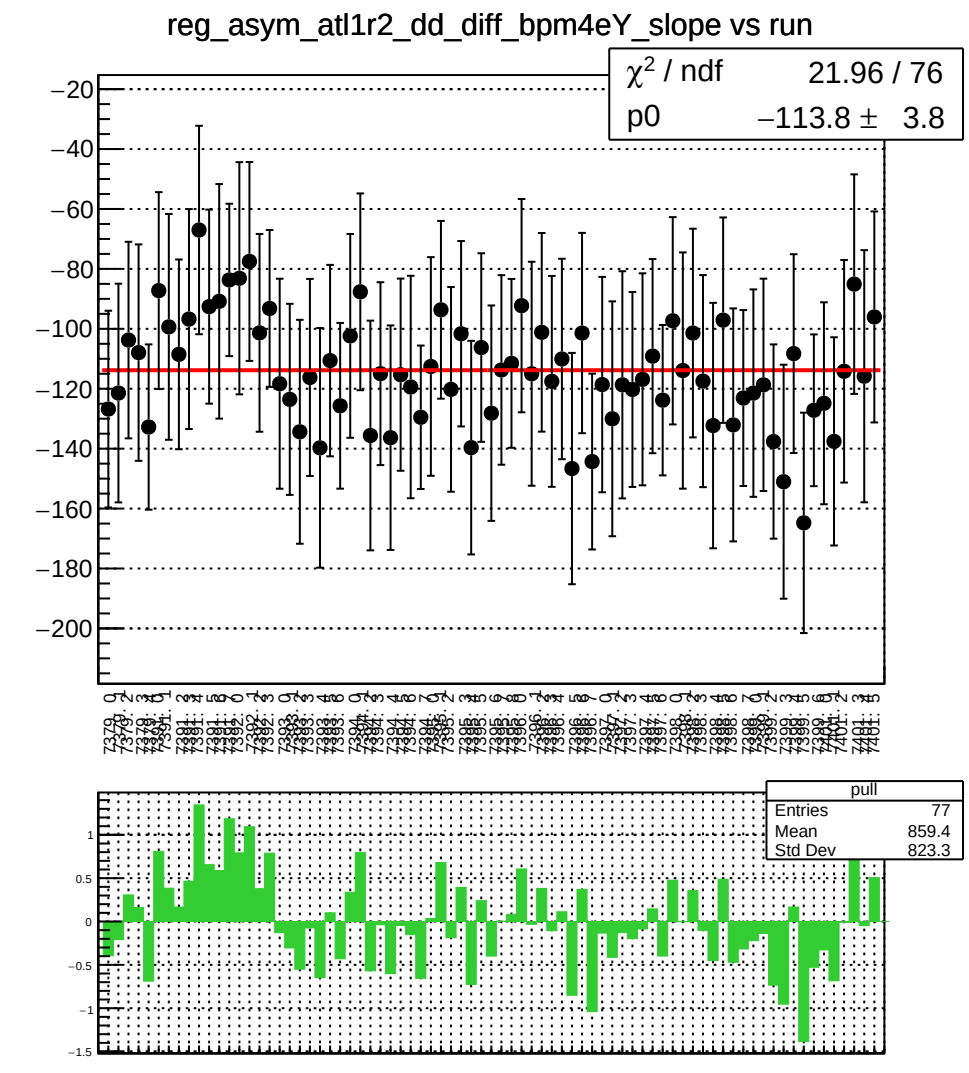

reg_asym_atl1r2_avg_diff_bpm12X_slope vs run
χ² / ndf 597.9 / 76
p0 −124.7 ± 0.1666
pull
Entries 77
Mean −521.2
Std Dev 548.5
pull1D
Entries 77
Mean 0.6526
Std Dev 0.7669

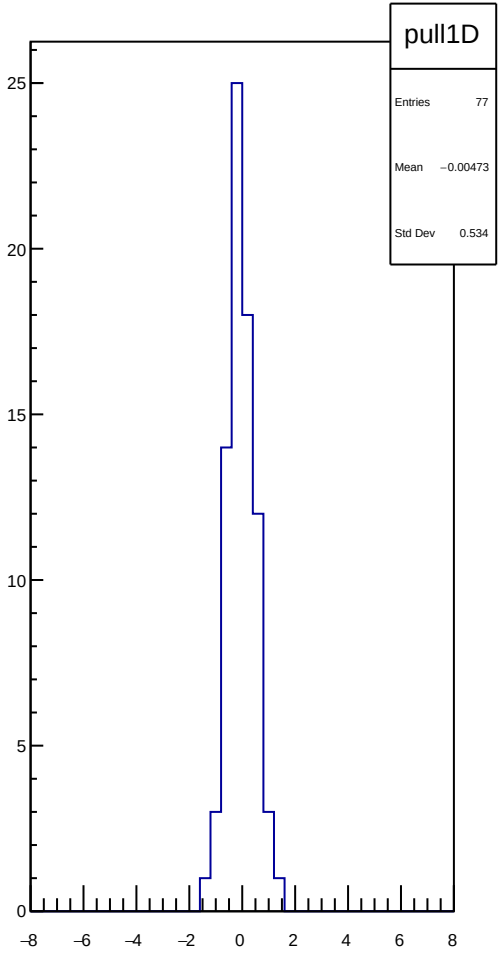

reg_asym_atl1r2_dd_diff_bpm1X_slope vs run
χ² / ndf 85.35 / 76
p0 141.4 ± 3.403
250
200
150
100
50
pull
Entries 77
Mean −104.6
Std Dev 141.6
2
1
0
−1
−2
−3
pull1D
Entries 77
Mean 0.07241
Std Dev 1.05
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

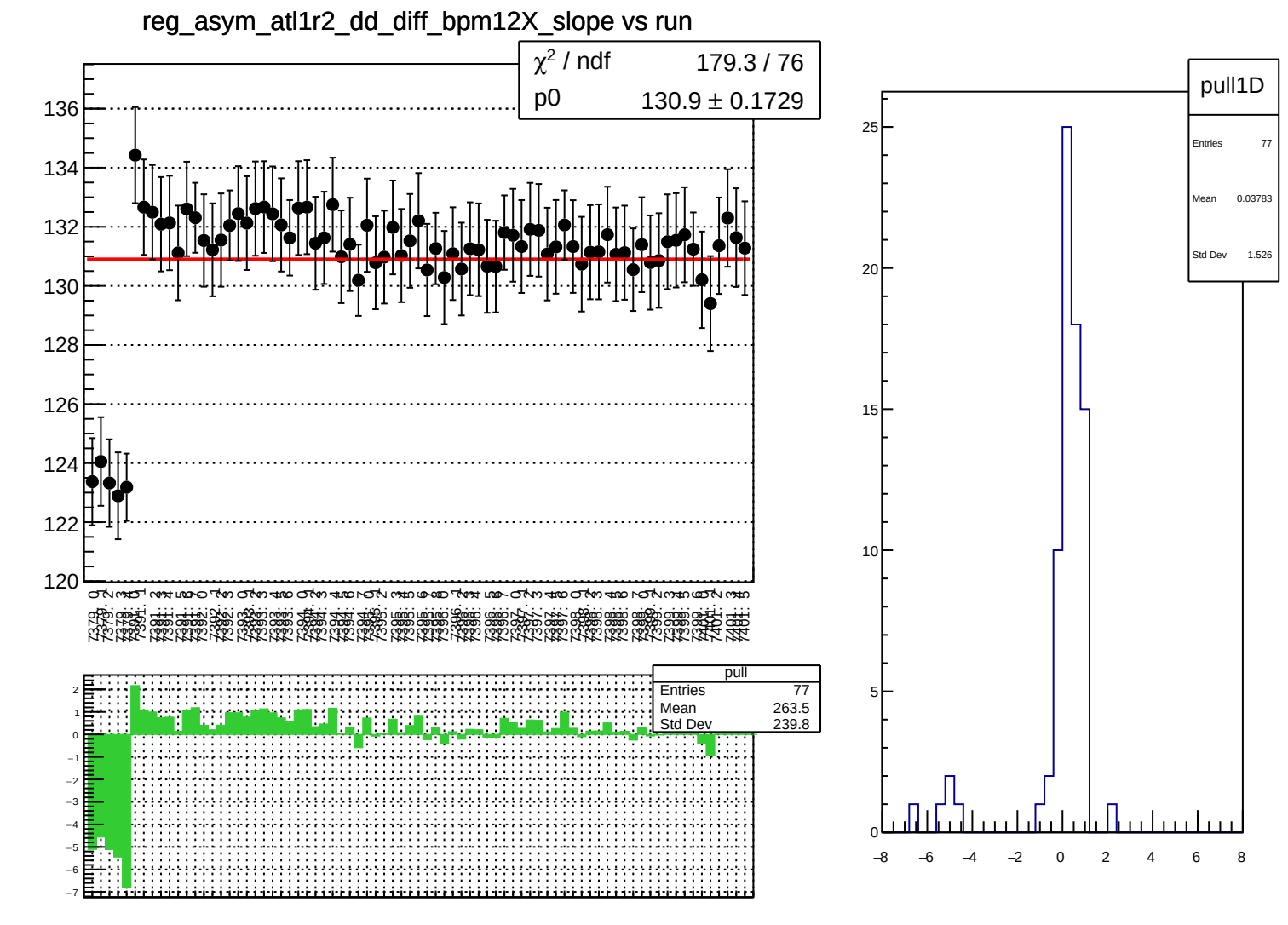

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs run
χ² / ndf 27.53 / 76
p0 42.78 ± 3.563
pull
Entries 77
Mean 396.2
Std Dev 359.2

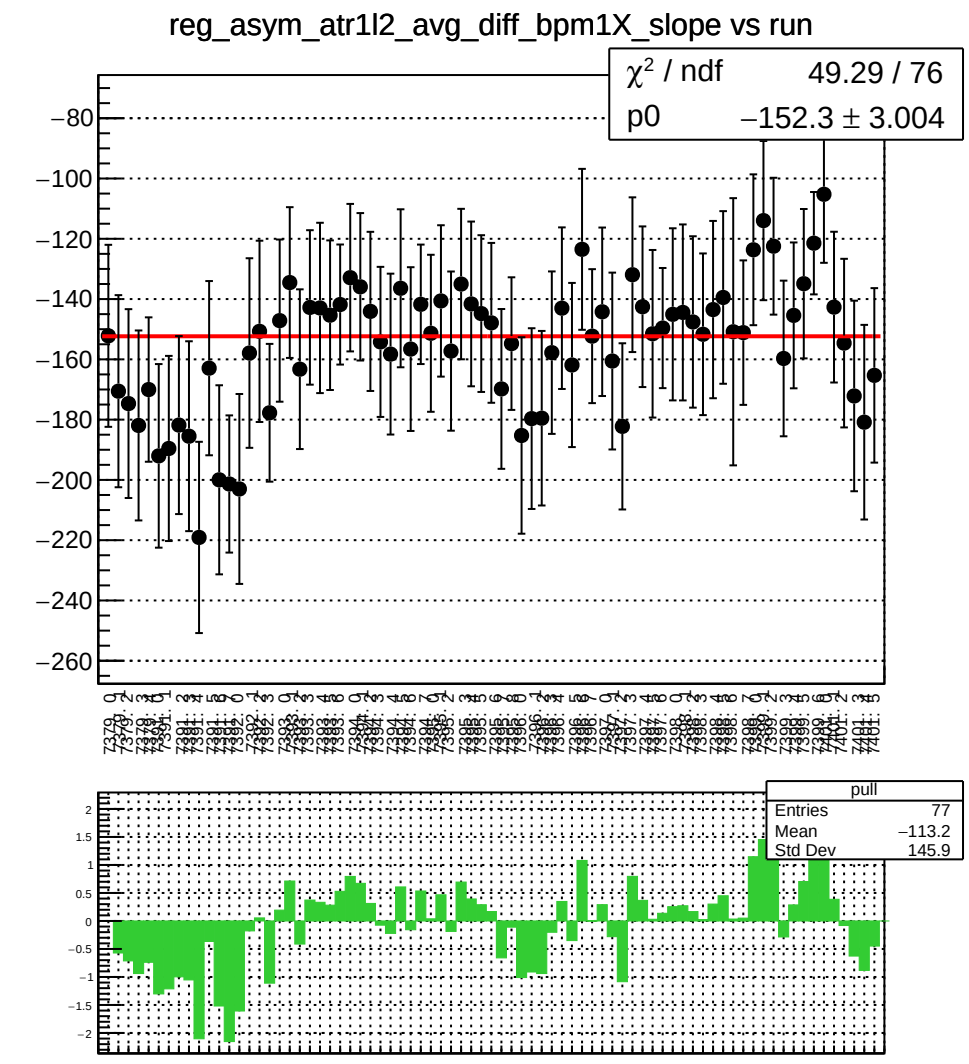

pull1D
Entries 77
Mean 0.01459
Std Dev 0.5977

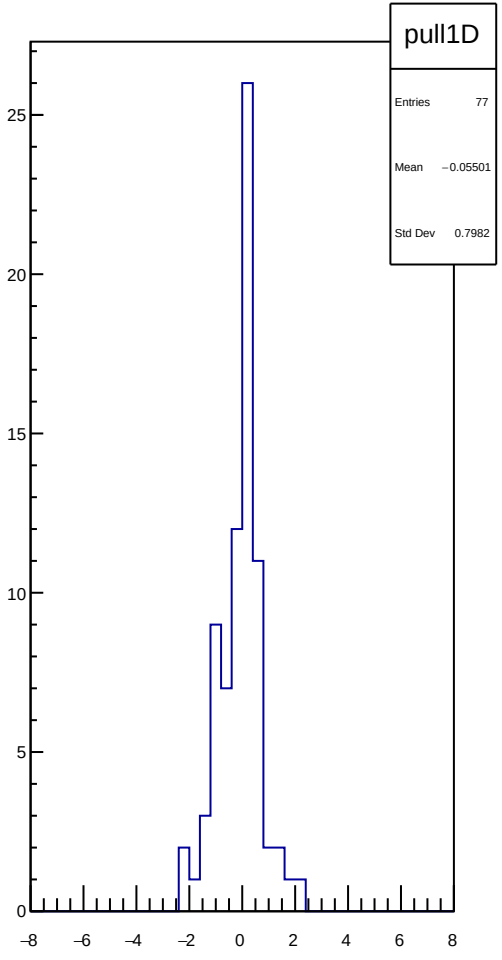

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs run
χ² / ndf 85.2 / 76
p0 −181.8 ± 3.532
pull
Entries 77
Mean −101.8
Std Dev 139.3
pull1D
Entries 77
Mean −0.07275
Std Dev 1.049

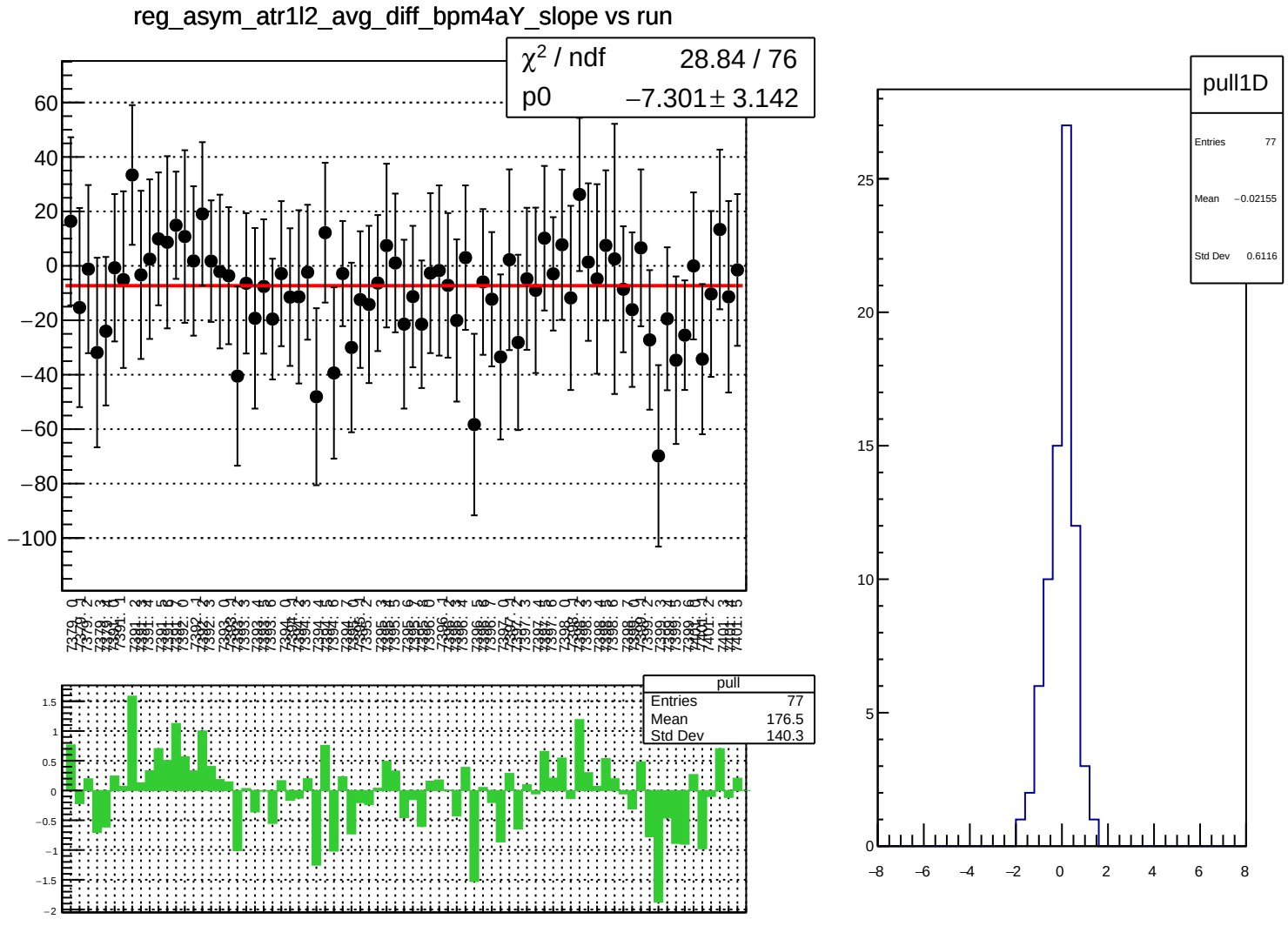

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs run
χ² / ndf 21.96 / 76
p0 −113.8 ± 3.8
pull
Entries 77
Mean 859.4
Std Dev 823.3

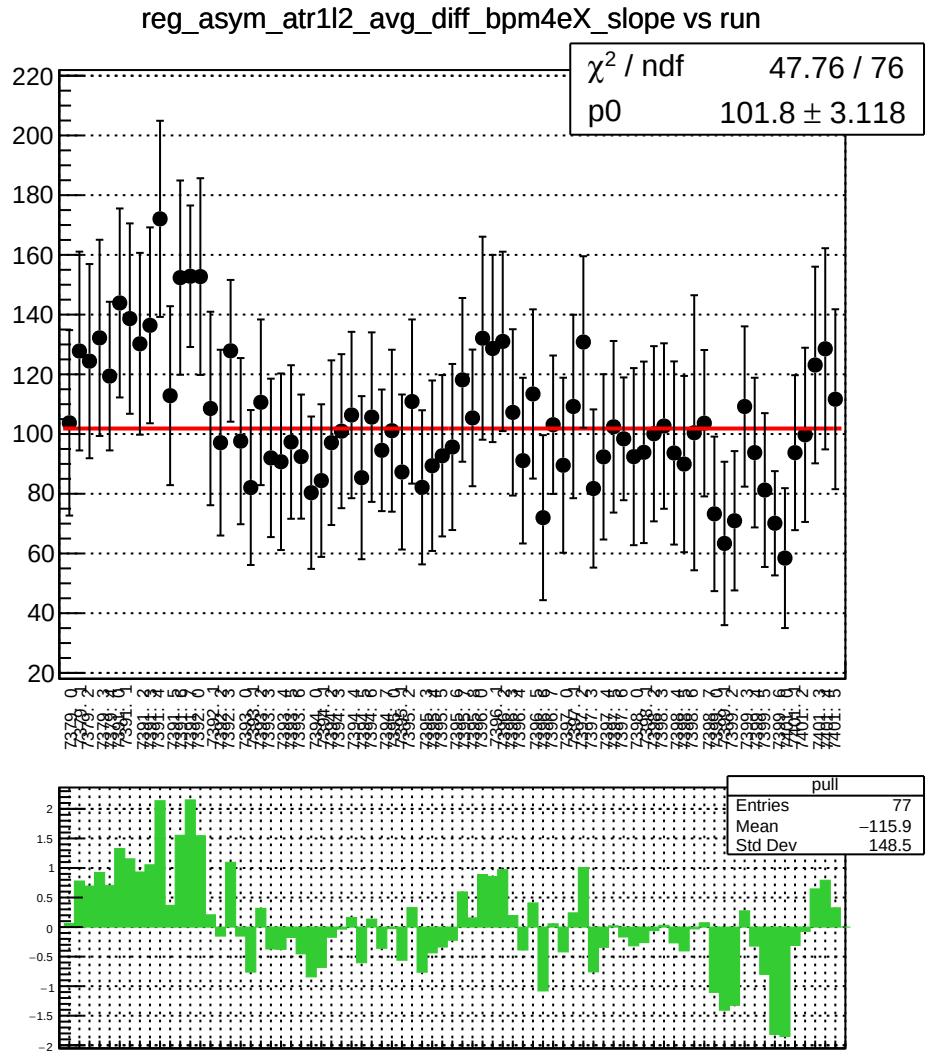

pull1D
Entries 77
Mean −0.00473
Std Dev 0.534

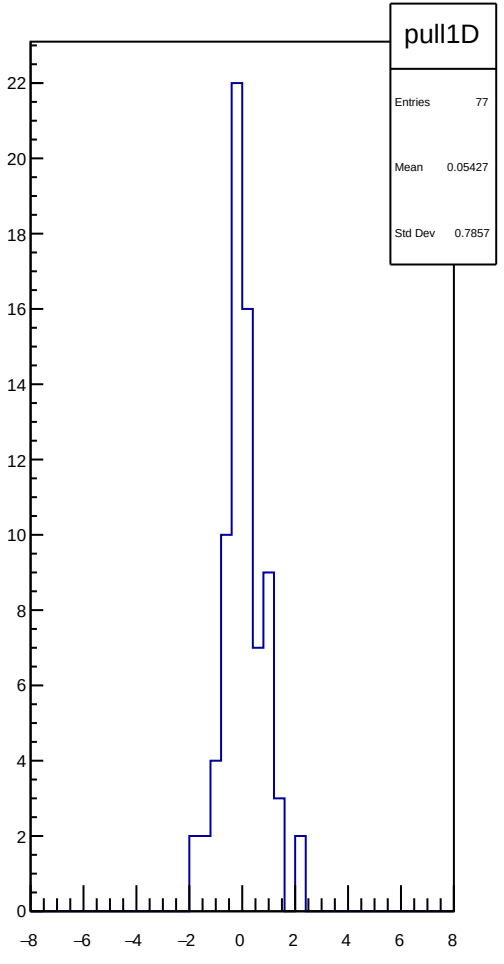

reg_asym_atl1r2_dd_diff_bpm12X_slope vs run
χ² / ndf 179.3 / 76
p0 130.9 ± 0.1729
pull
Entries 77
Mean 263.5
Std Dev 239.8
pull1D
Entries 77
Mean 0.03783
Std Dev 1.526

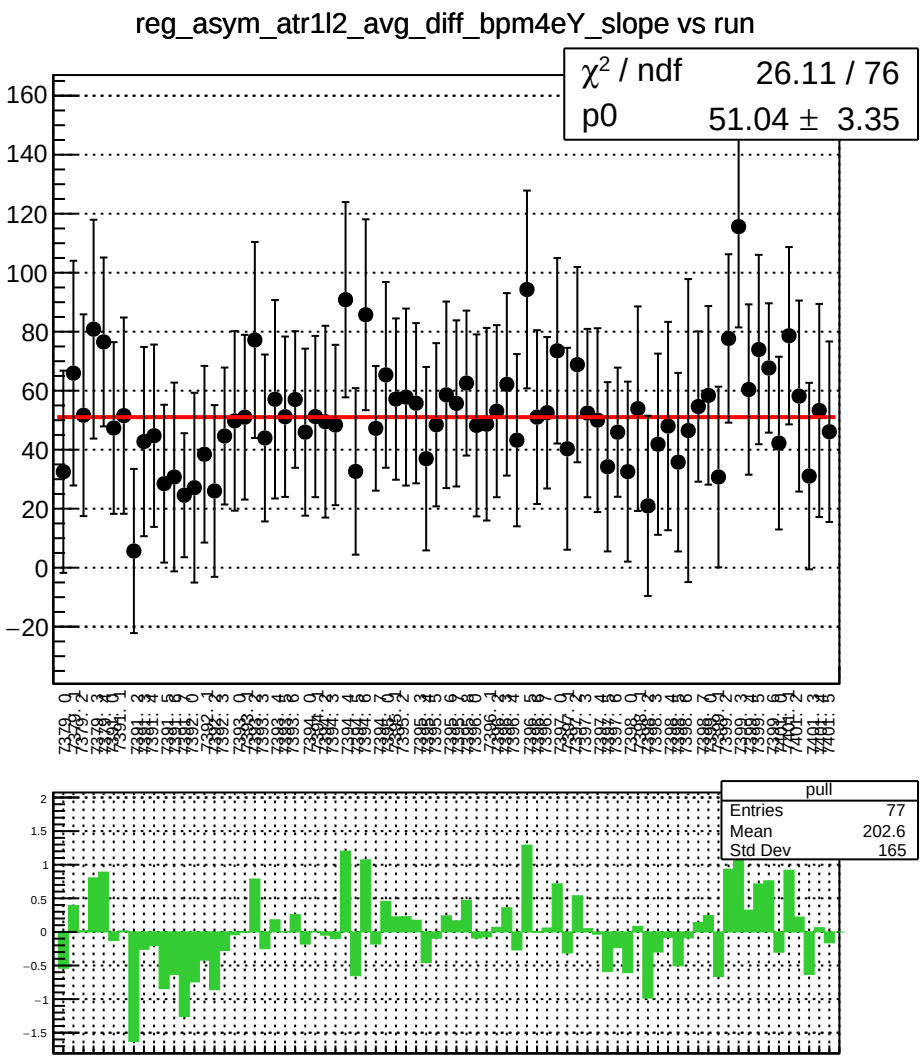

reg_asym_atr1l2_avg_diff_bpm1X_slope vs run
χ² / ndf 49.29 / 76
p0 −152.3 ± 3.004
pull
Entries 77
Mean −113.2
Std Dev 145.9

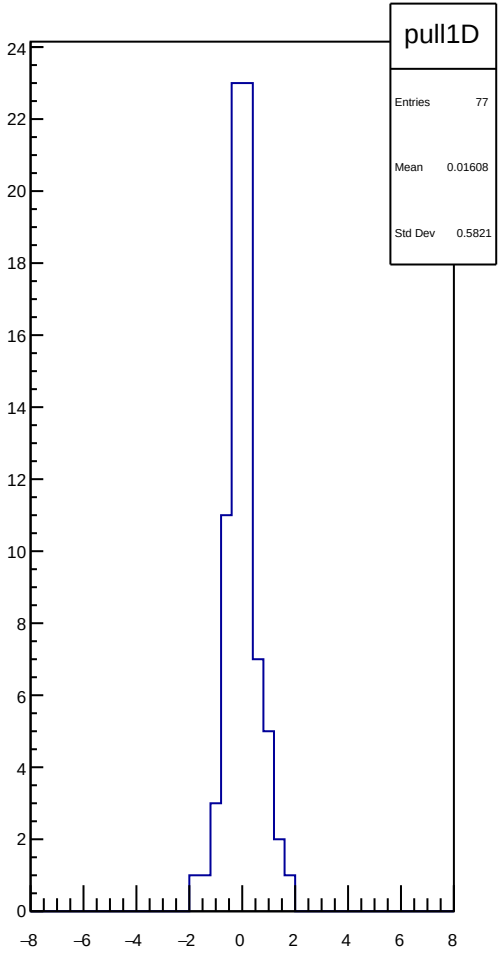

pull1D
Entries 77
Mean −0.05501
Std Dev 0.7982

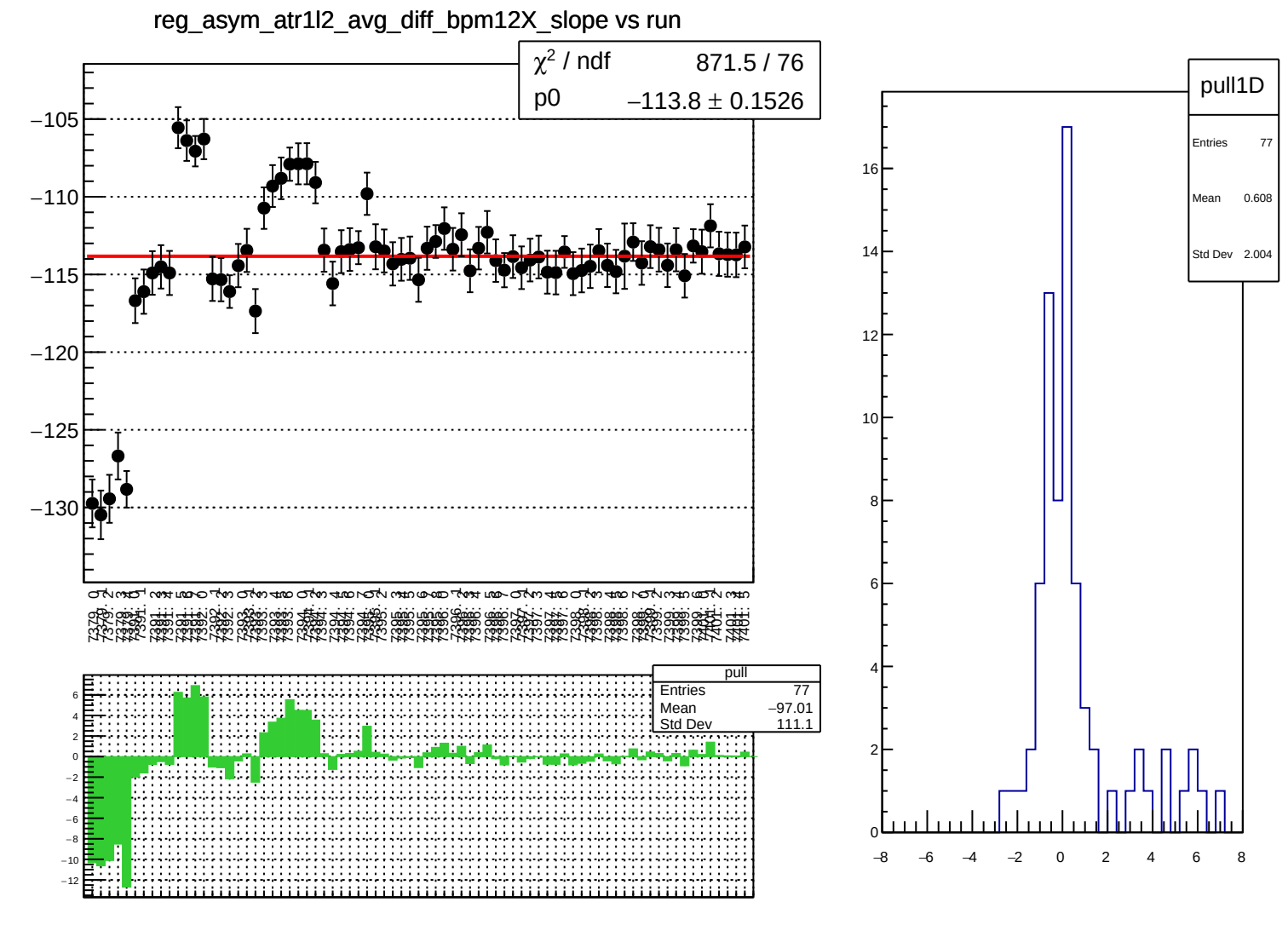

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs run
χ² / ndf 28.84 / 76
p0 −7.301 ± 3.142
pull
Entries 77
Mean 176.5
Std Dev 140.3
pull1D
Entries 77
Mean −0.02155
Std Dev 0.6116

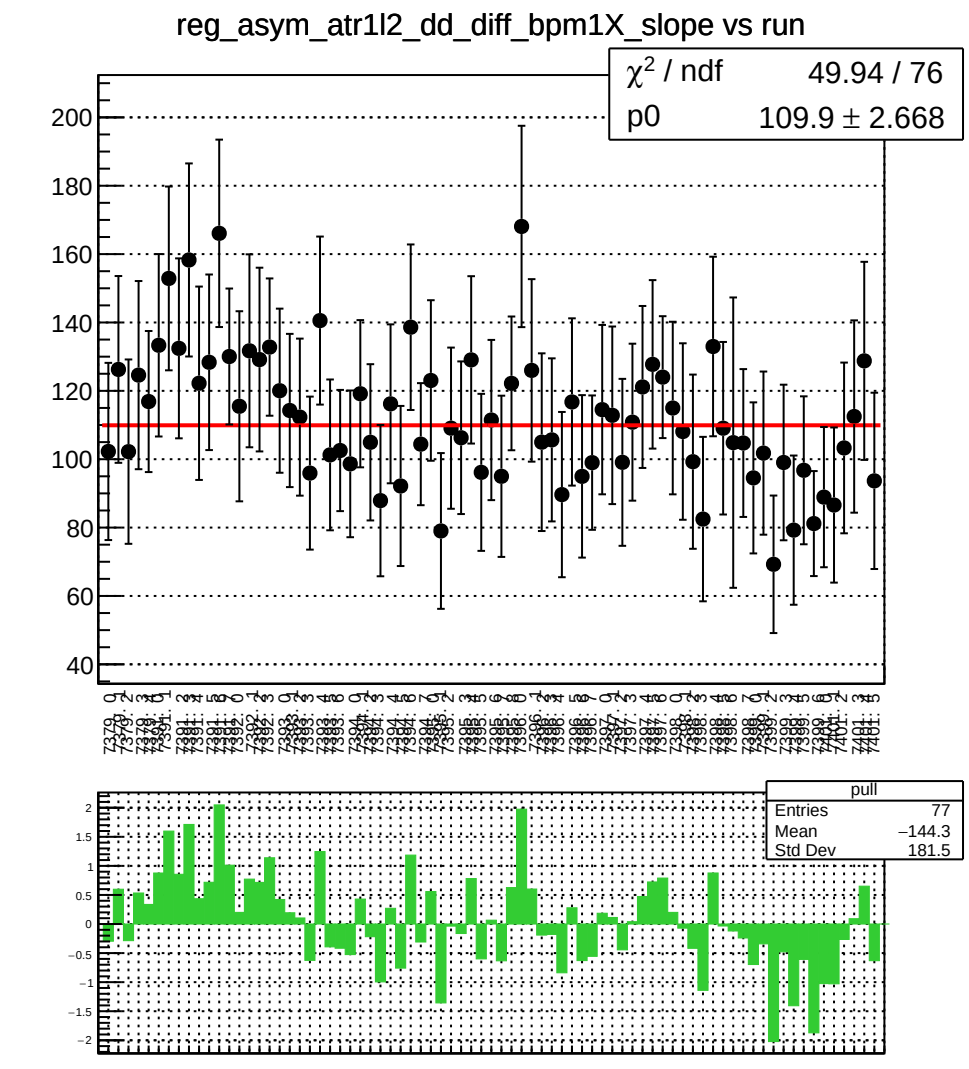

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs run
χ² / ndf 47.76 / 76
p0 101.8 ± 3.118
pull
Entries 77
Mean −115.9
Std Dev 148.5

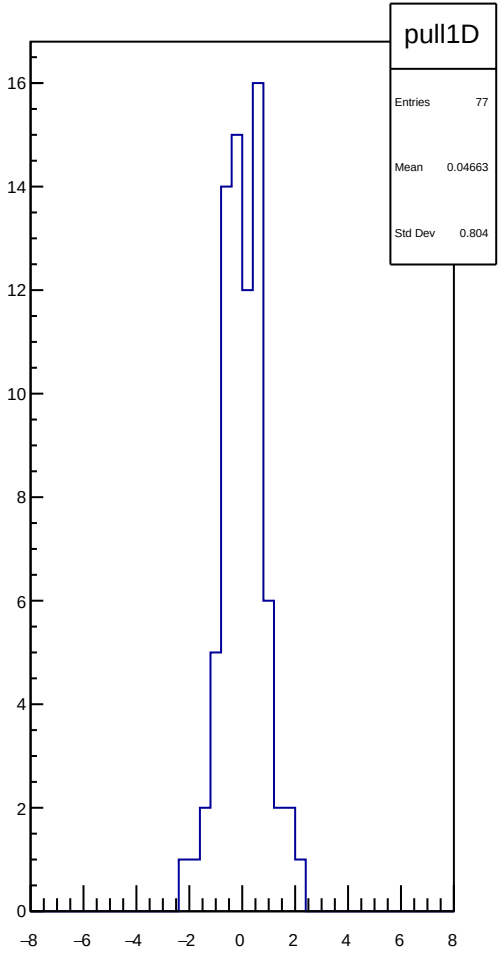

pull1D
Entries 77
Mean 0.05427
Std Dev 0.7857

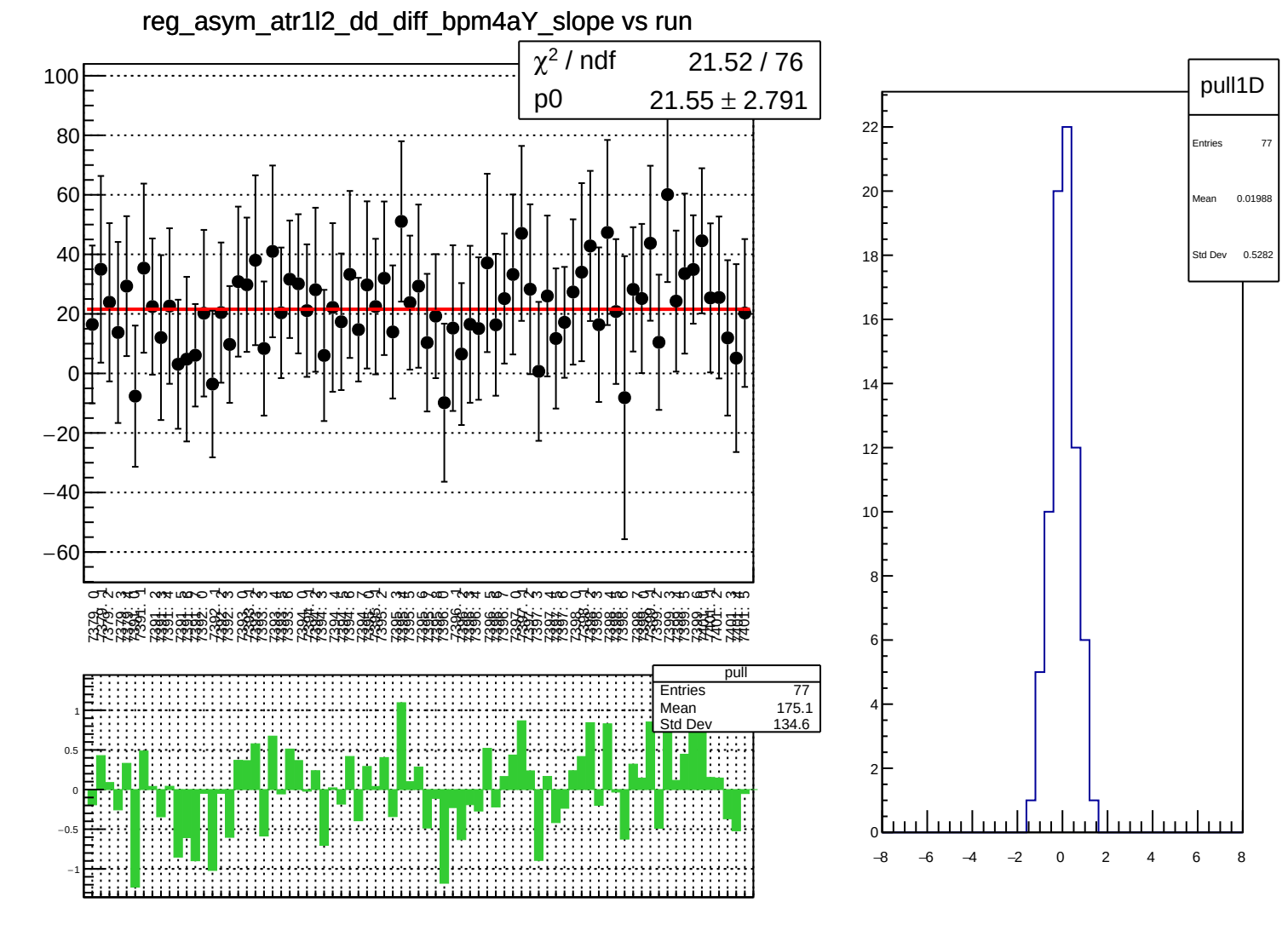

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs run
χ² / ndf 26.11 / 76
p0 51.04 ± 3.35
pull
Entries 77
Mean 202.6
Std Dev 165

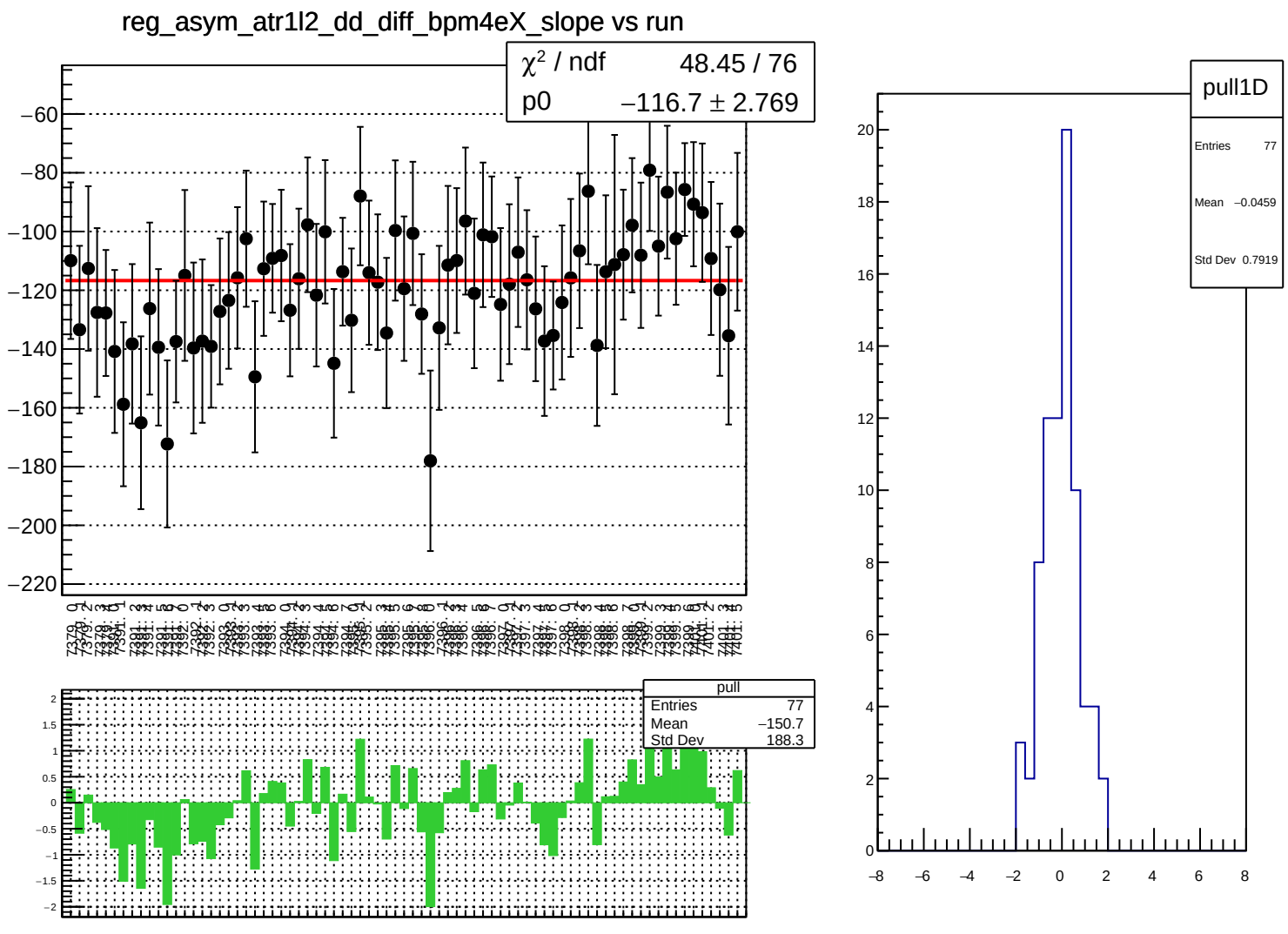

pull1D
Entries 77
Mean 0.01608
Std Dev 0.5821

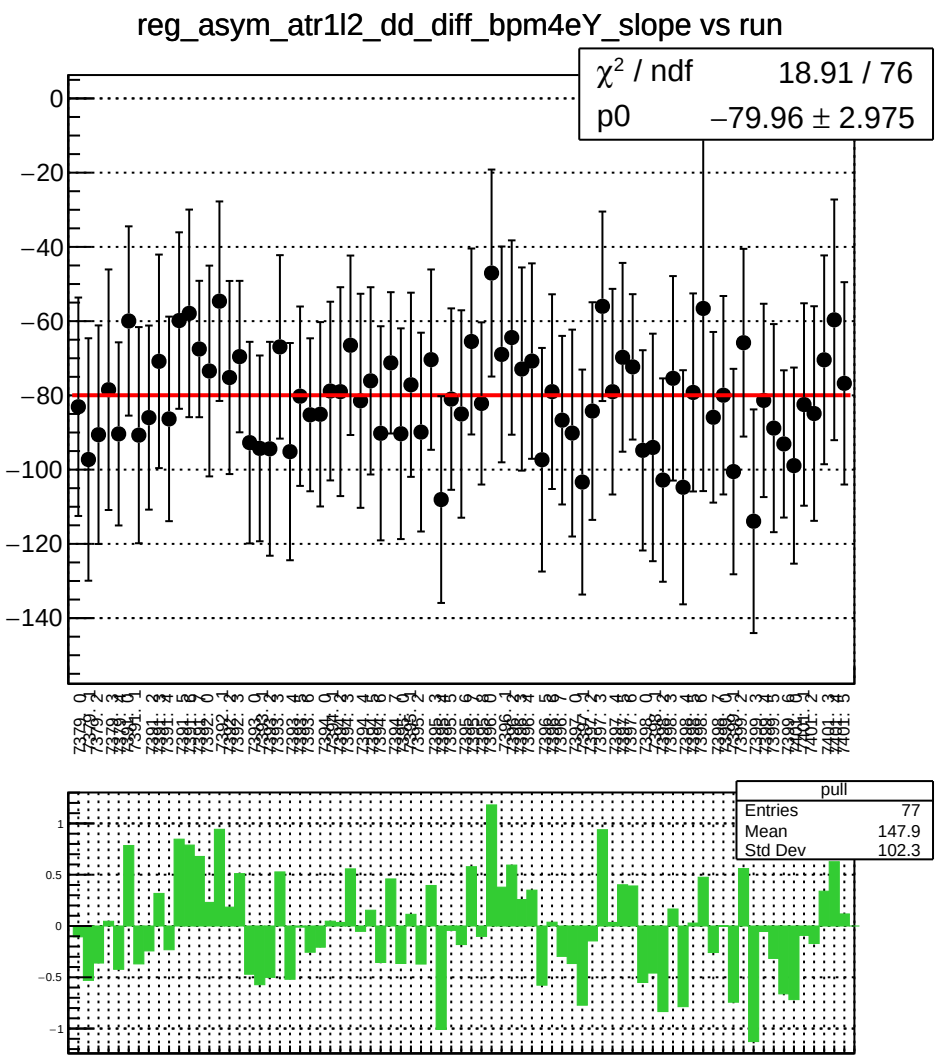

reg_asym_atr1l2_avg_diff_bpm12X_slope vs run
χ² / ndf 871.5 / 76
p0 −113.8 ± 0.1526
−105
−110
−115
−120
−125
−130
pull
Entries 77
Mean −97.01
Std Dev 111.1
pull1D
Entries 77
Mean 0.608
Std Dev 2.004

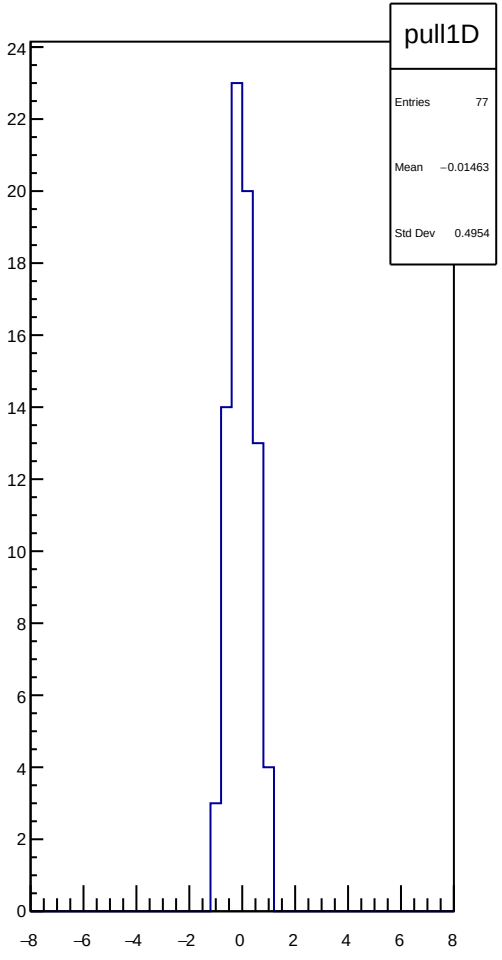

reg_asym_atr1l2_dd_diff_bpm1X_slope vs run
χ² / ndf 49.94 / 76
p0 109.9 ± 2.668
pull
Entries 77
Mean −144.3
Std Dev 181.5

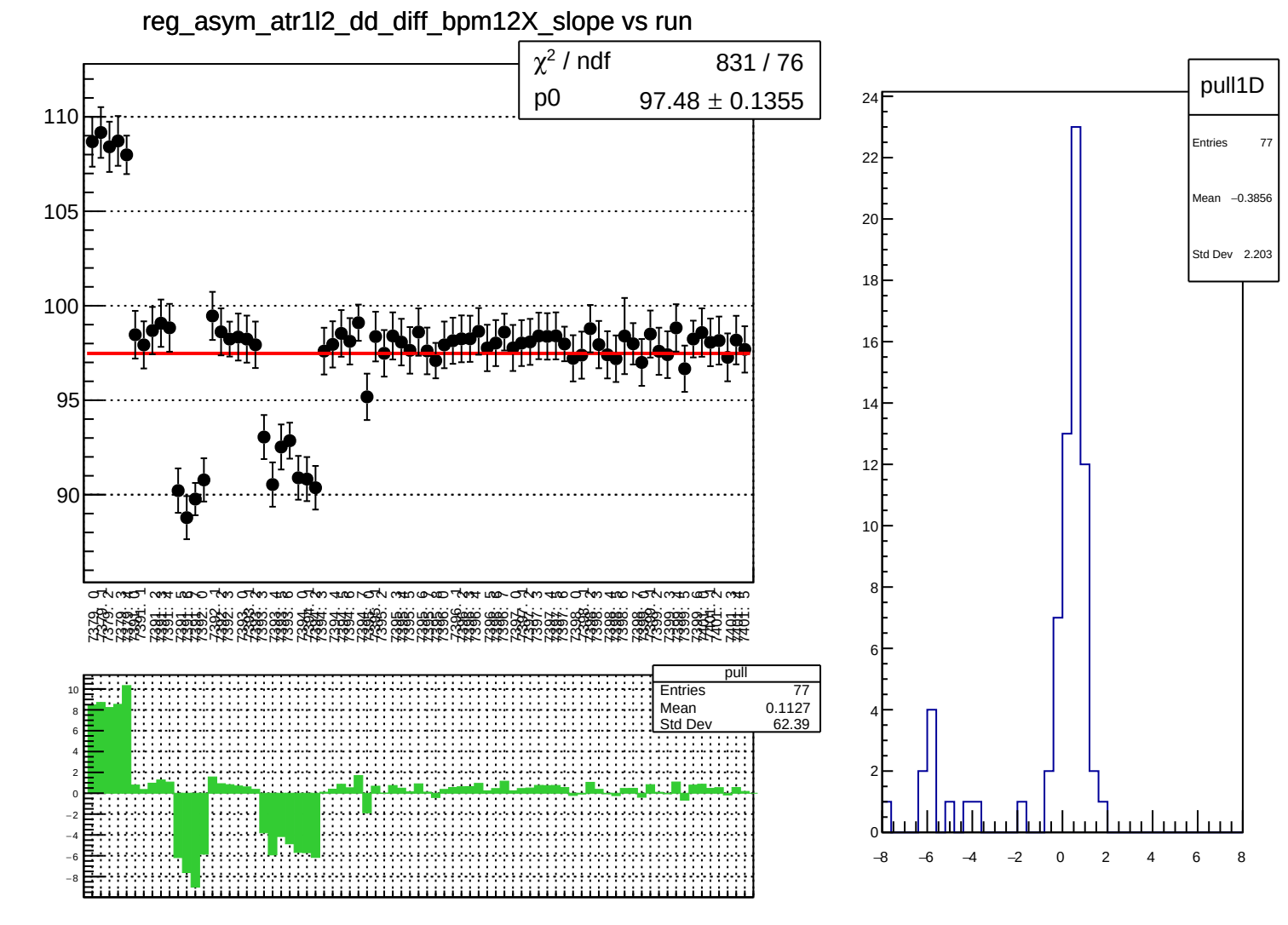

pull1D
Entries 77
Mean 0.04663
Std Dev 0.804

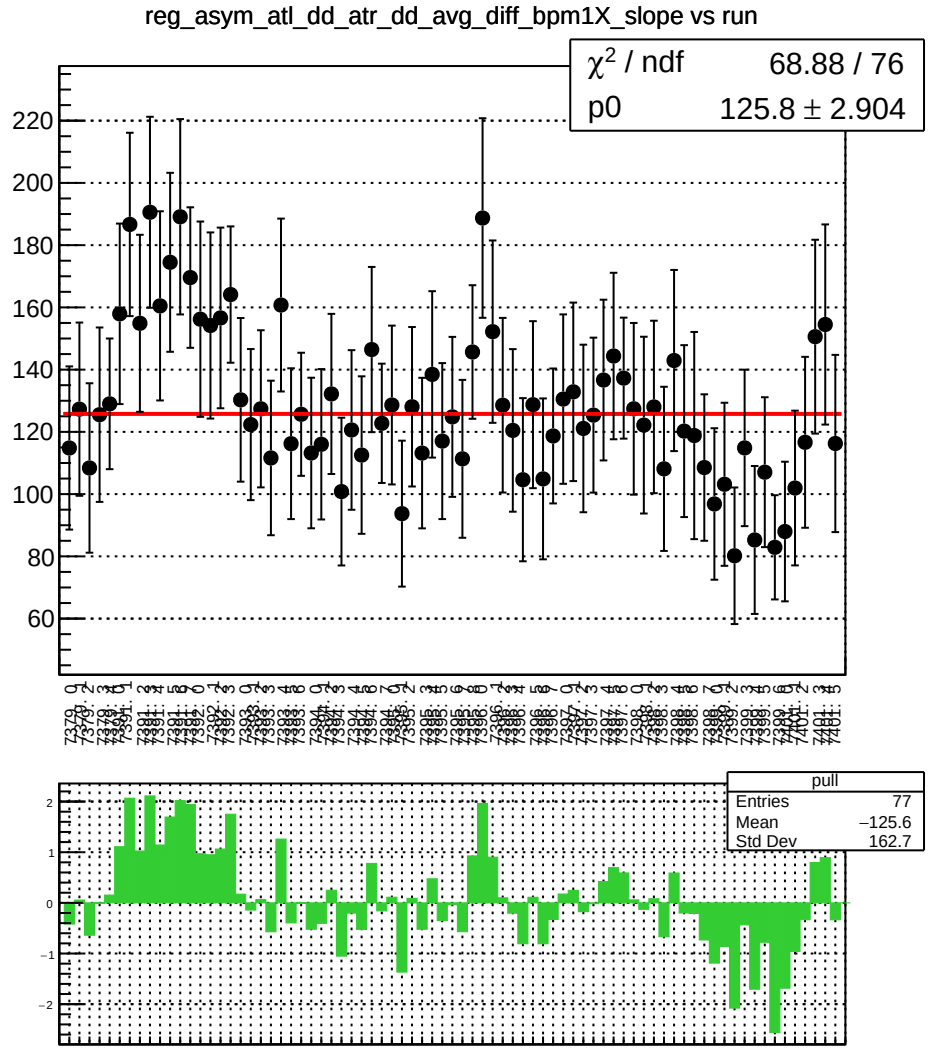

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs run
χ² / ndf 21.52 / 76
p0 21.55 ± 2.791
pull
Entries 77
Mean 175.1
Std Dev 134.6
pull1D
Entries 77
Mean 0.01988
Std Dev 0.5282

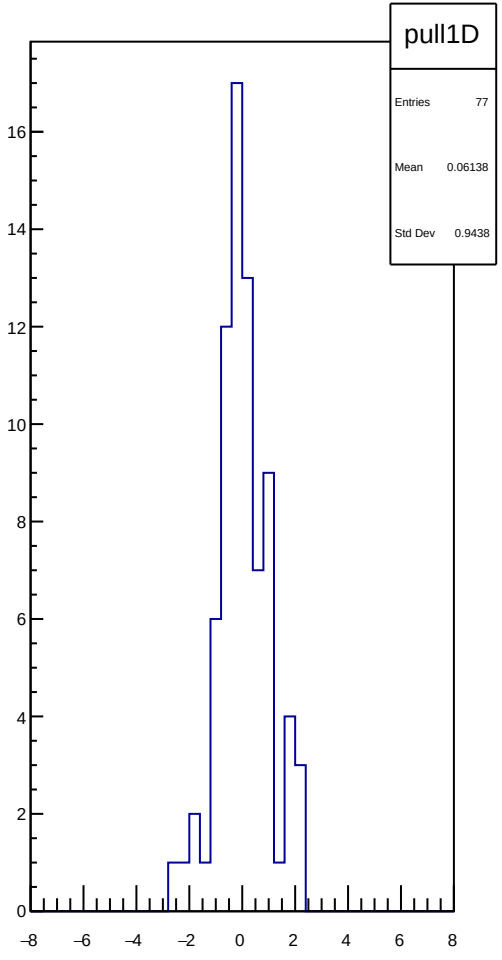

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs run
χ² / ndf 48.45 / 76
p0 −116.7 ± 2.769
pull
Entries 77
Mean −150.7
Std Dev 188.3
pull1D
Entries 77
Mean −0.0459
Std Dev 0.7919

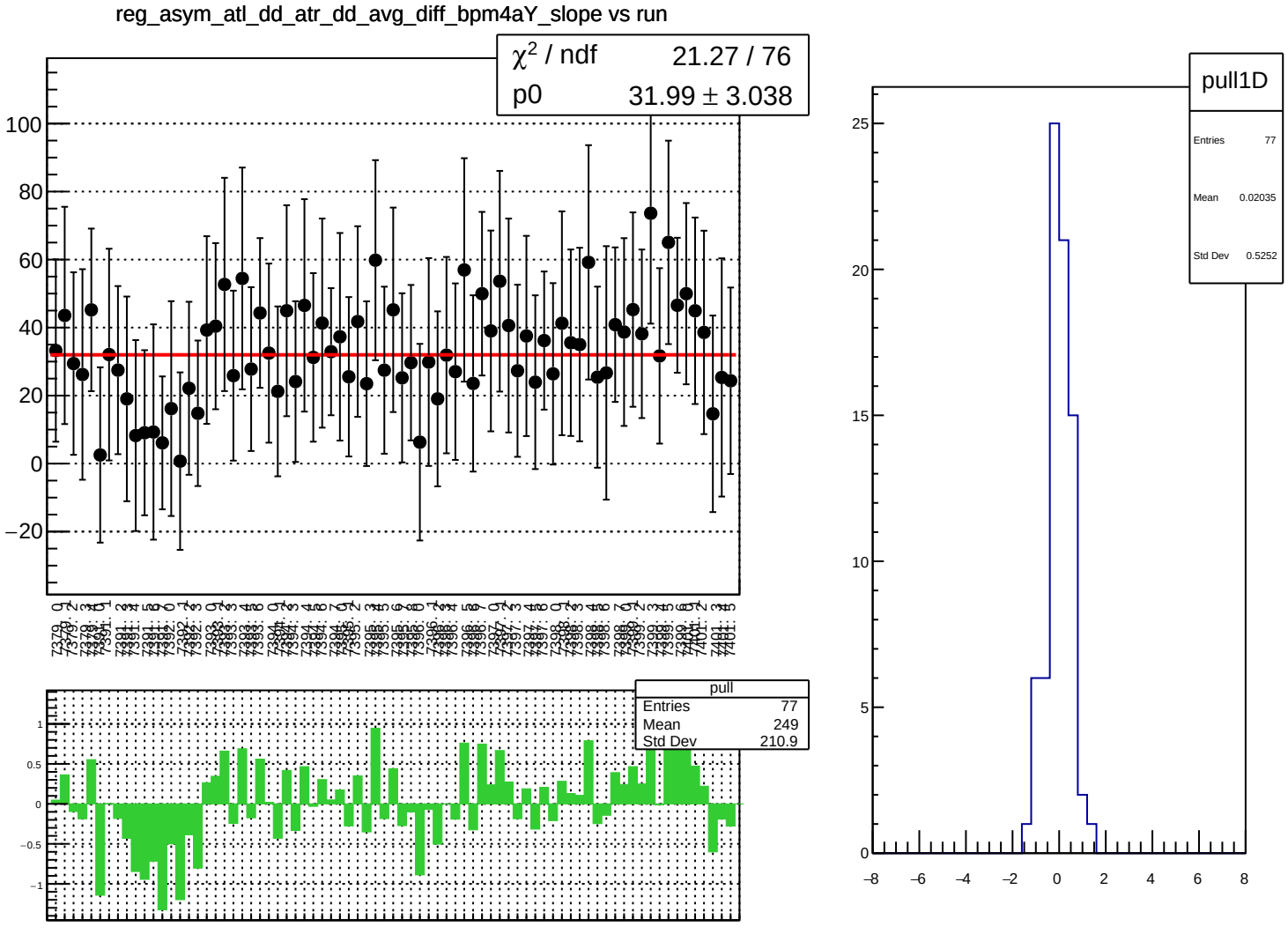

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs run
χ² / ndf 18.91 / 76
p0 −79.96 ± 2.975
pull
Entries 77
Mean 147.9
Std Dev 102.3

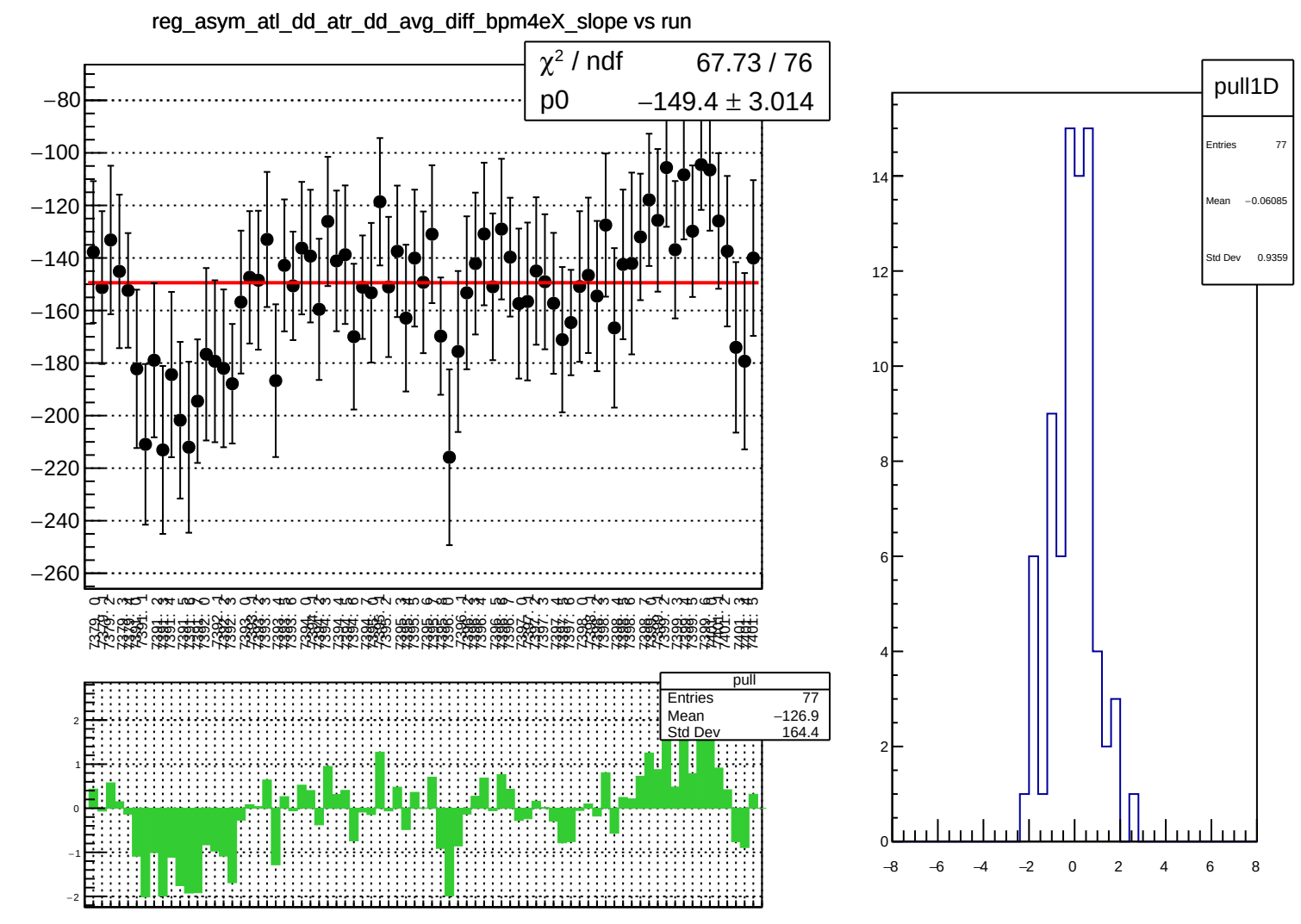

pull1D
Entries 77
Mean −0.01463
Std Dev 0.4954

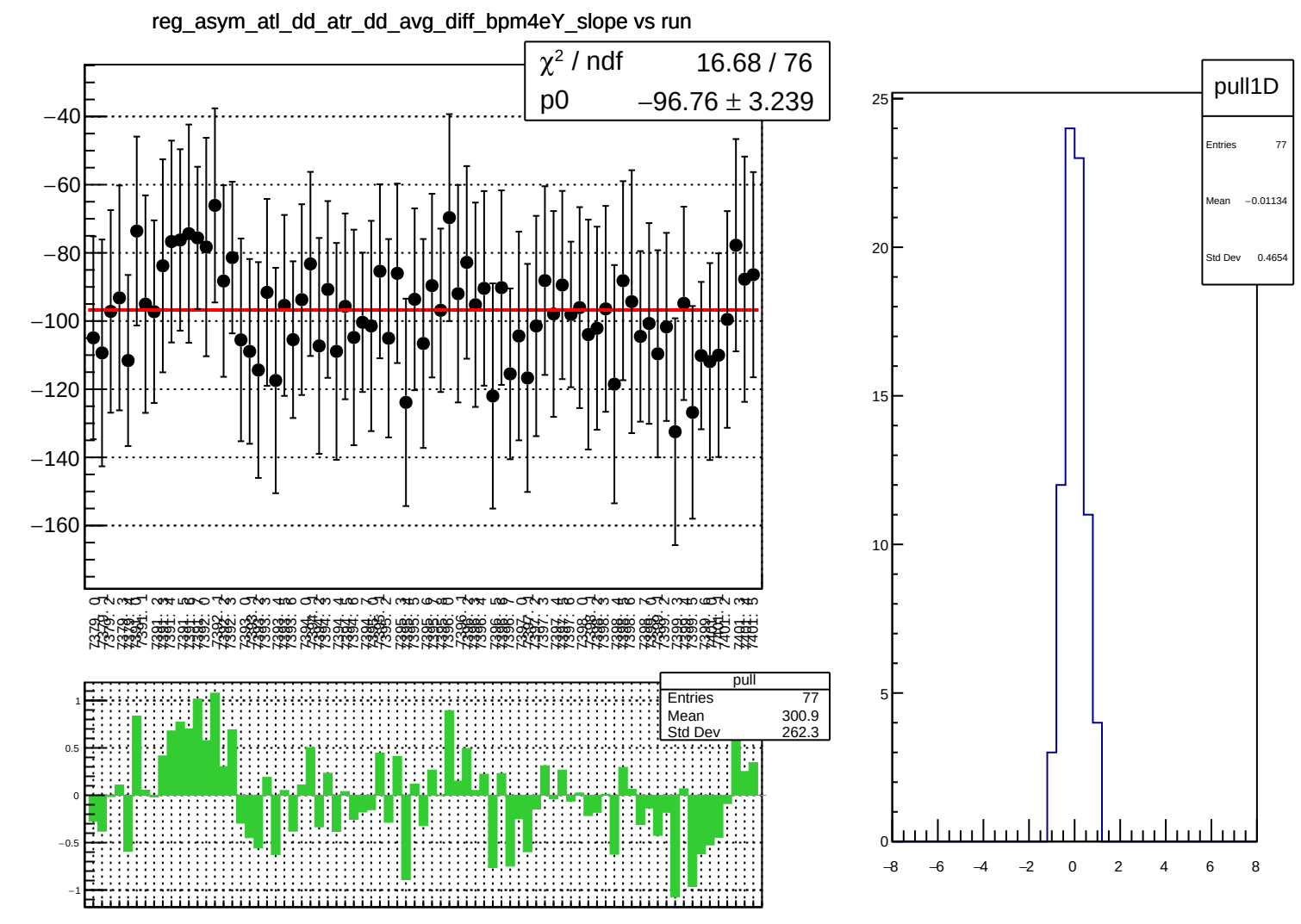

reg_asym_atr1l2_dd_diff_bpm12X_slope vs run
χ² / ndf 831 / 76
p0 97.48 ± 0.1355
110
105
100
95
90
pull
Entries 77
Mean 0.1127
Std Dev 62.39
pull1D
Entries 77
Mean −0.3856
Std Dev 2.203

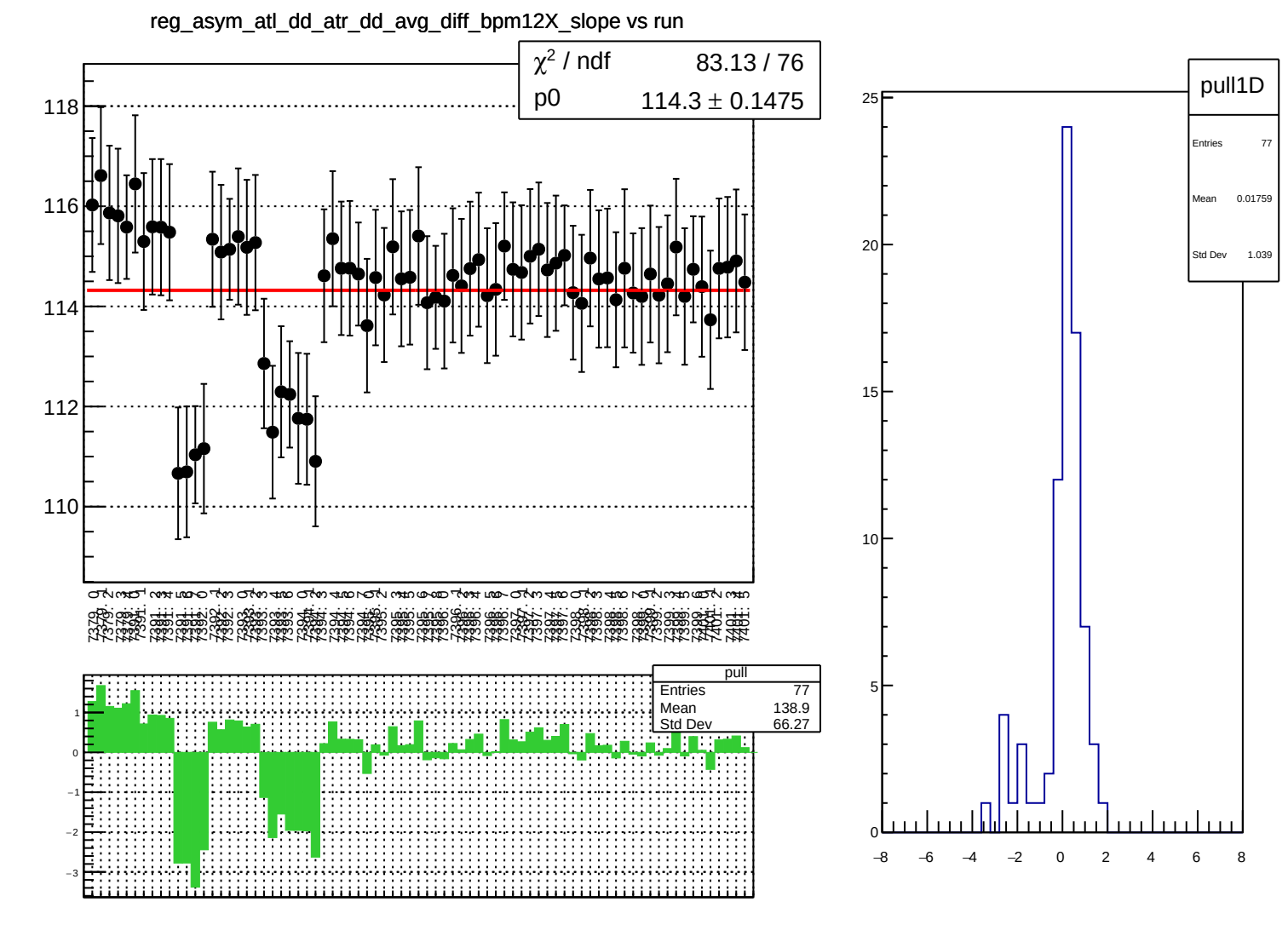

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs run
χ² / ndf 68.88 / 76
p0 125.8 ± 2.904
pull
Entries 77
Mean −125.6
Std Dev 162.7

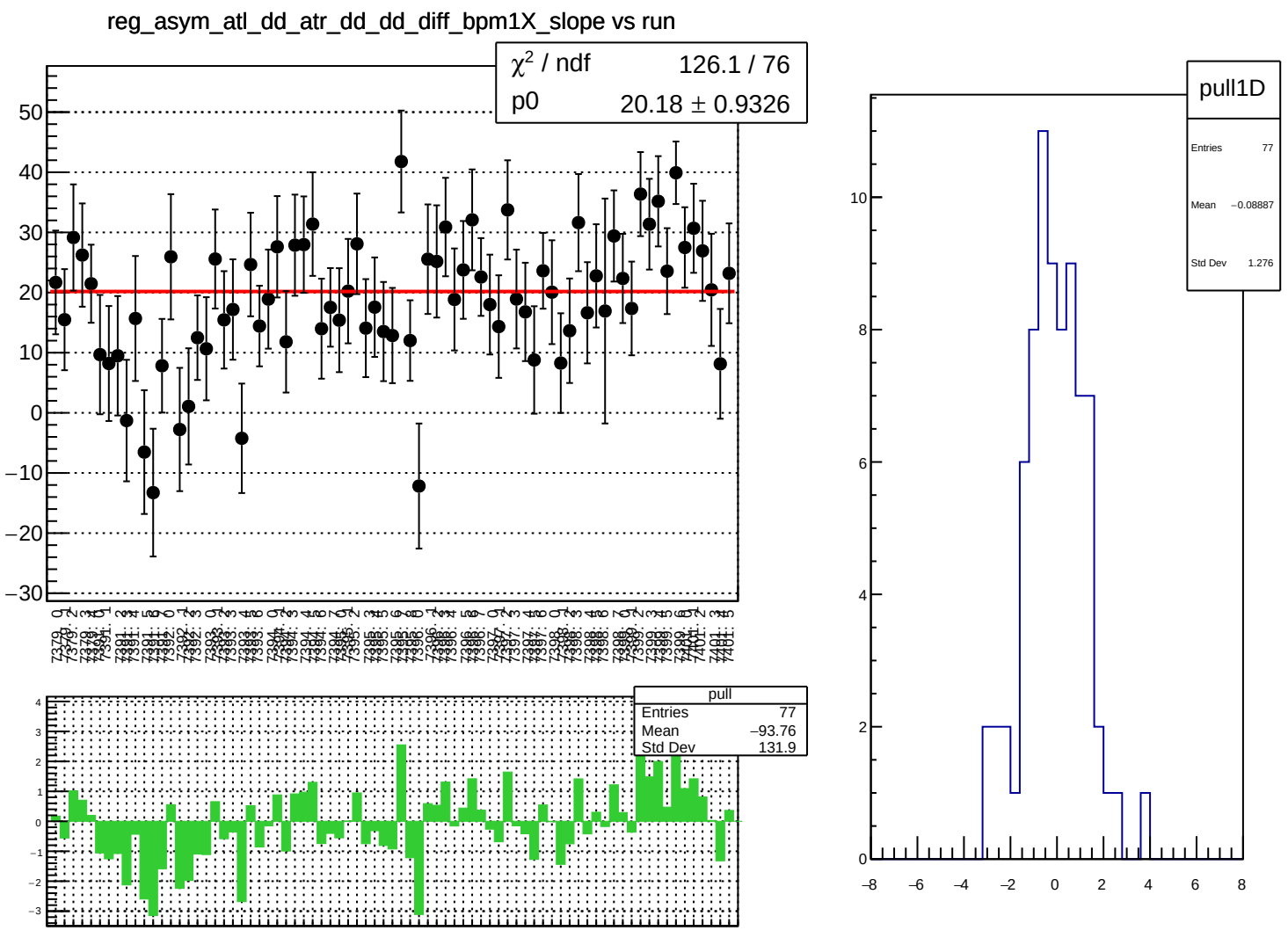

pull1D
Entries 77
Mean 0.06138
Std Dev 0.9438

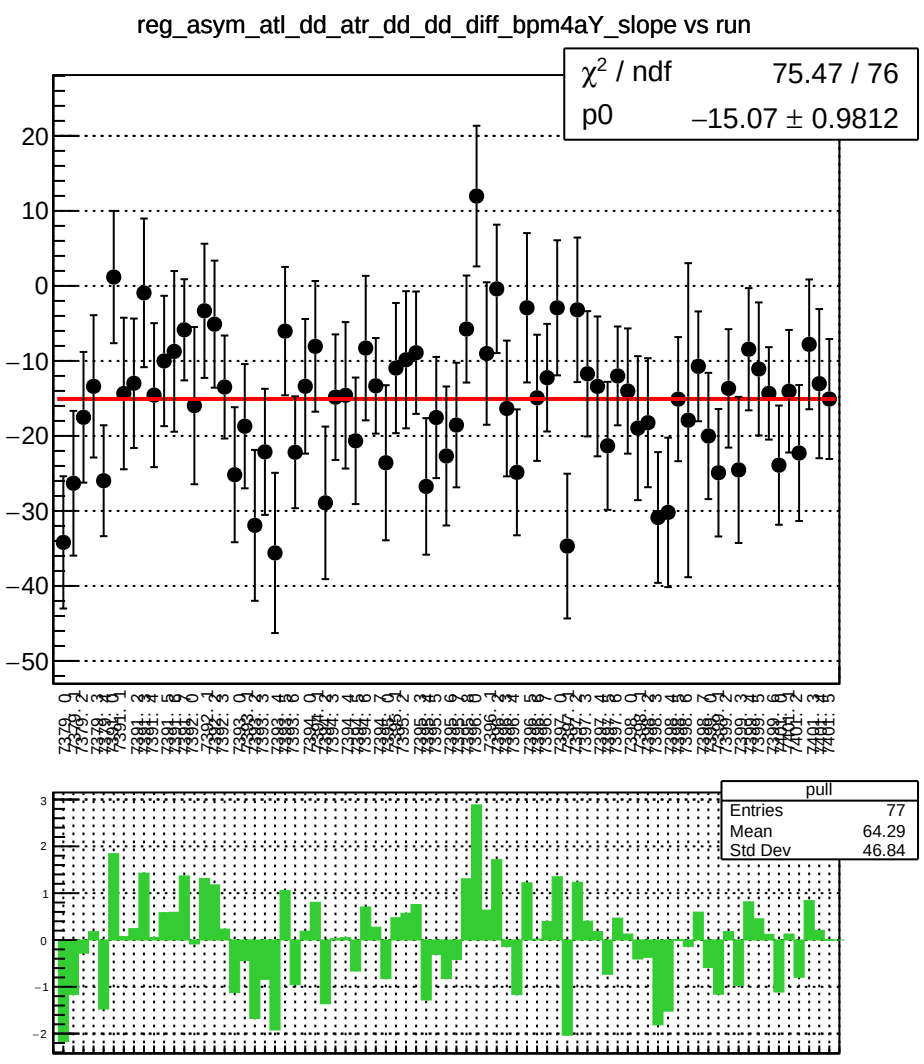

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs run
χ² / ndf 21.27 / 76
p0 31.99 ± 3.038
pull
Entries 77
Mean 249
Std Dev 210.9
pull1D
Entries 77
Mean 0.02035
Std Dev 0.5252

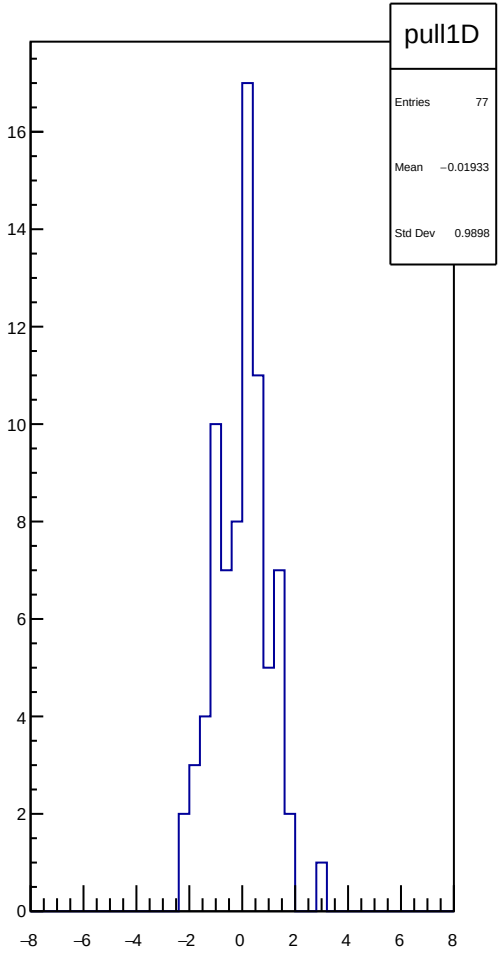

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs run
χ² / ndf 67.73 / 76
p0 −149.4 ± 3.014
pull
Entries 77
Mean −126.9
Std Dev 164.4
pull1D
Entries 77
Mean −0.06085
Std Dev 0.9359

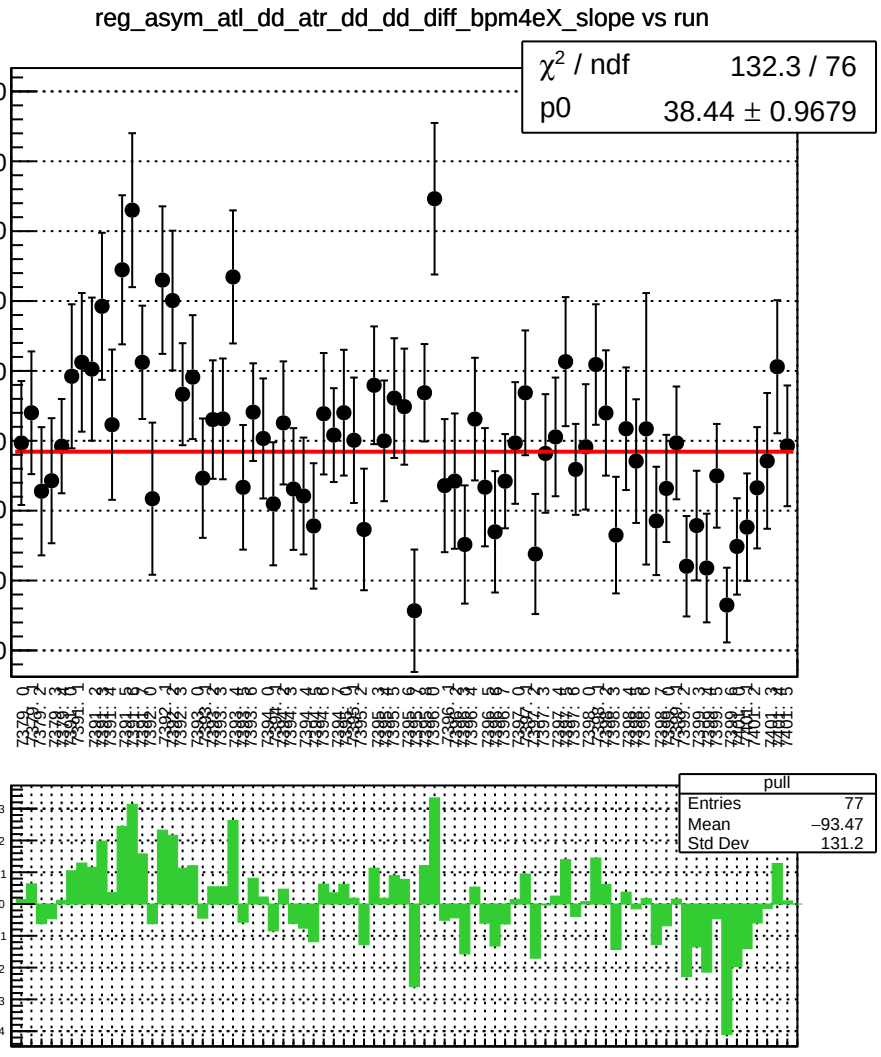

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs run
χ² / ndf 16.68 / 76
p0 −96.76 ± 3.239
−40
−60
−80
−100
−120
−140
−160
pull
Entries 77
Mean 300.9
Std Dev 262.3
1
0.5
0
−0.5
−1
pull1D
Entries 77
Mean −0.01134
Std Dev 0.4654
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

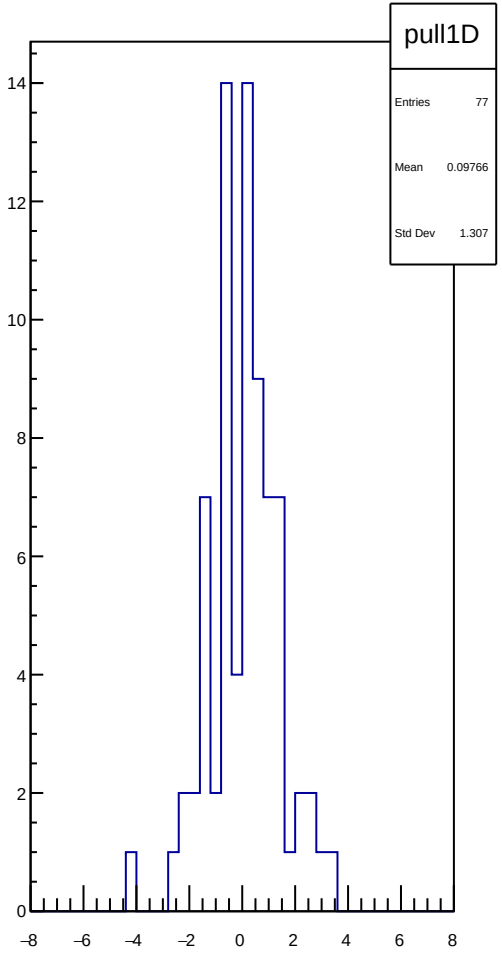

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs run
χ² / ndf 83.13 / 76
p0 114.3 ± 0.1475
118
116
114
112
110
pull
Entries 77
Mean 138.9
Std Dev 66.27
1
0
−1
−2
−3
pull1D
Entries 77
Mean 0.01759
Std Dev 1.039
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

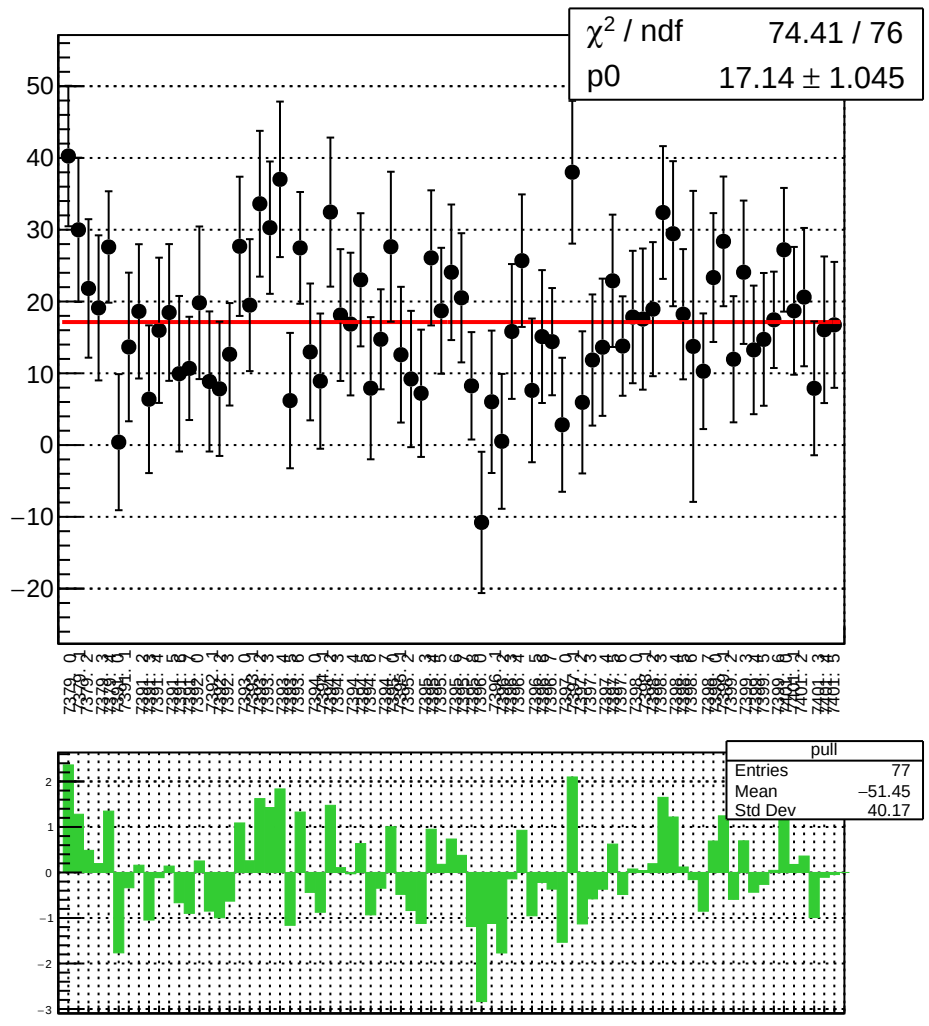

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs run
χ² / ndf 126.1 / 76
p0 20.18 ± 0.9326
pull
Entries 77
Mean −93.76
Std Dev 131.9
pull1D
Entries 77
Mean −0.08887
Std Dev 1.276

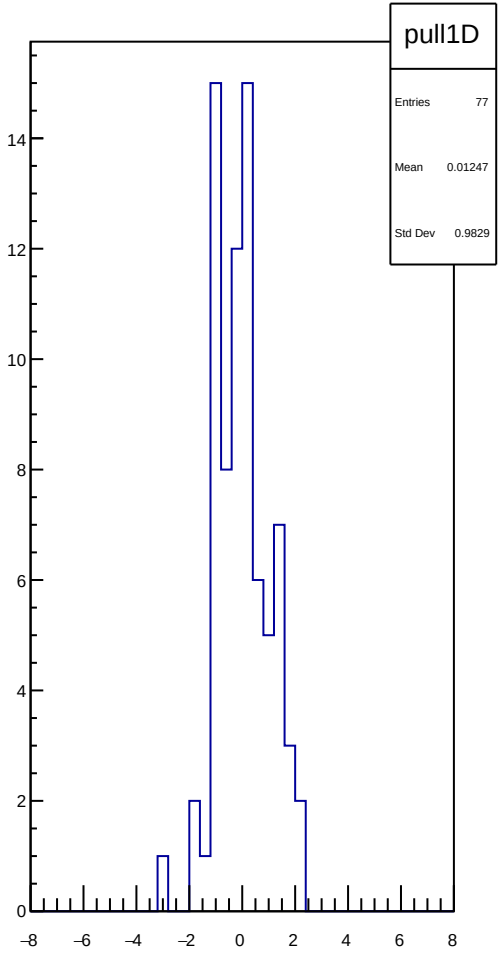

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs run
χ² / ndf 75.47 / 76
p0 −15.07 ± 0.9812
pull
Entries 77
Mean 64.29
Std Dev 46.84

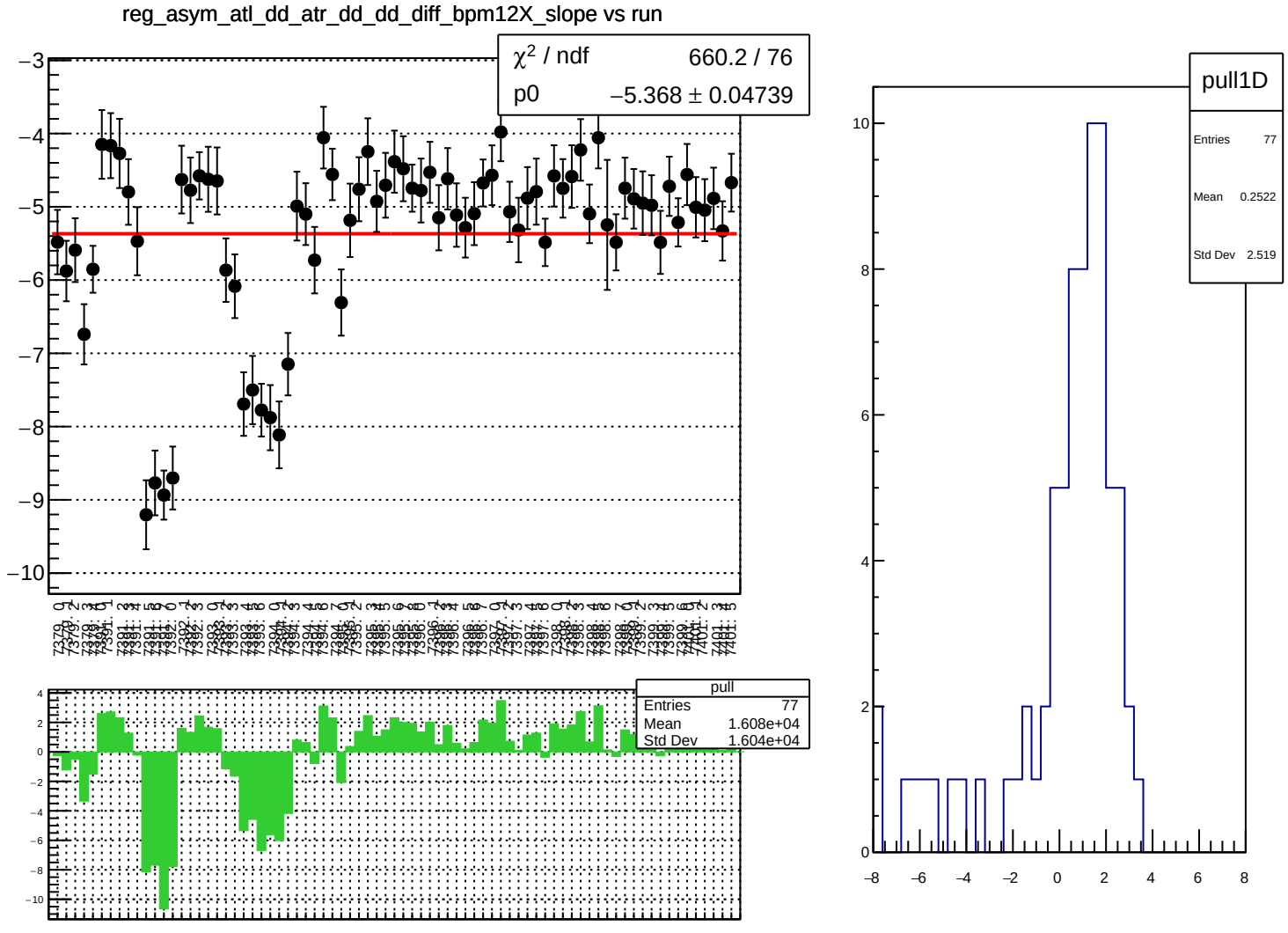

pull1D
Entries 77
Mean −0.01933
Std Dev 0.9898

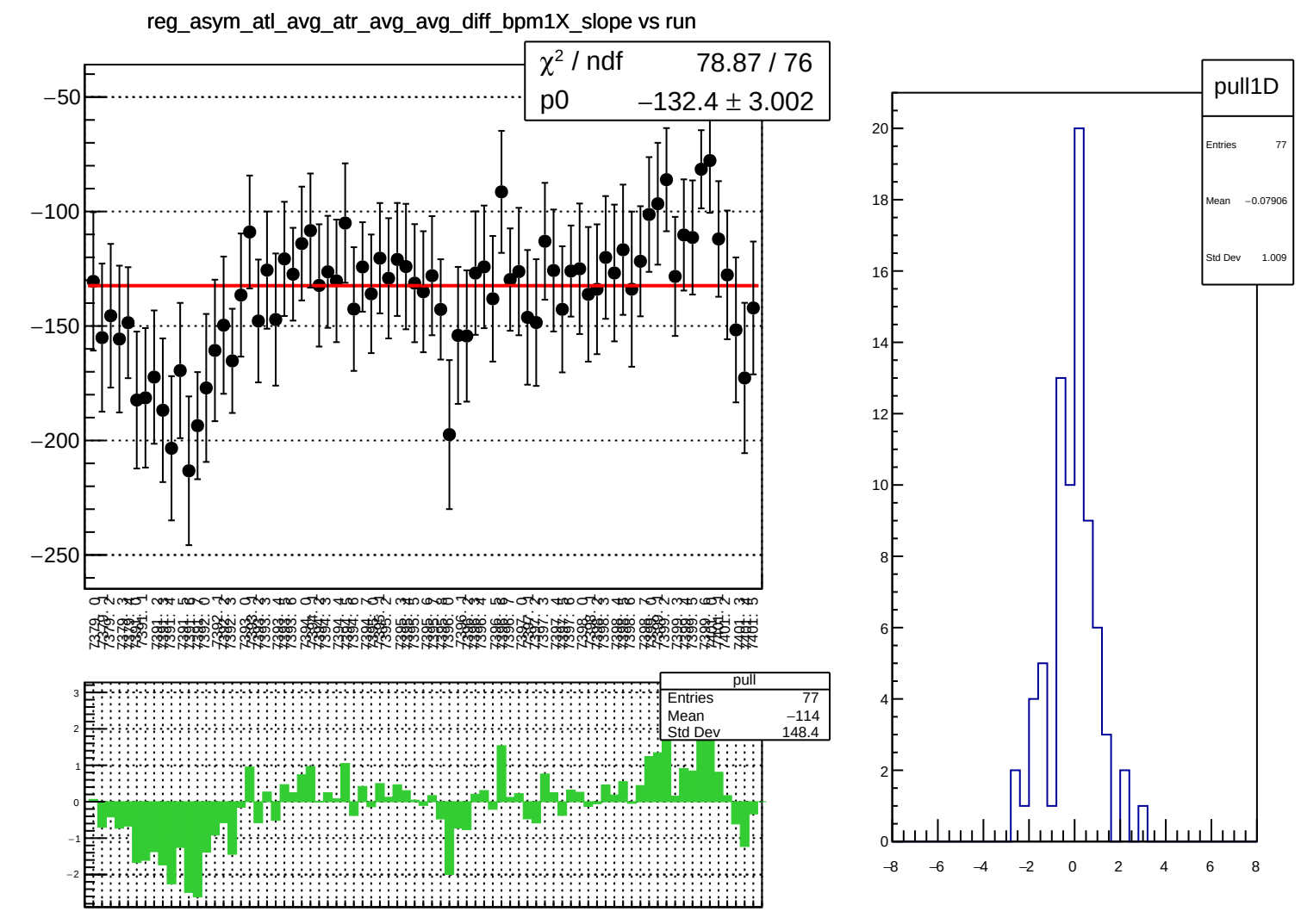

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs run
χ² / ndf 132.3 / 76
p0 38.44 ± 0.9679
pull
Entries 77
Mean −93.47
Std Dev 131.2

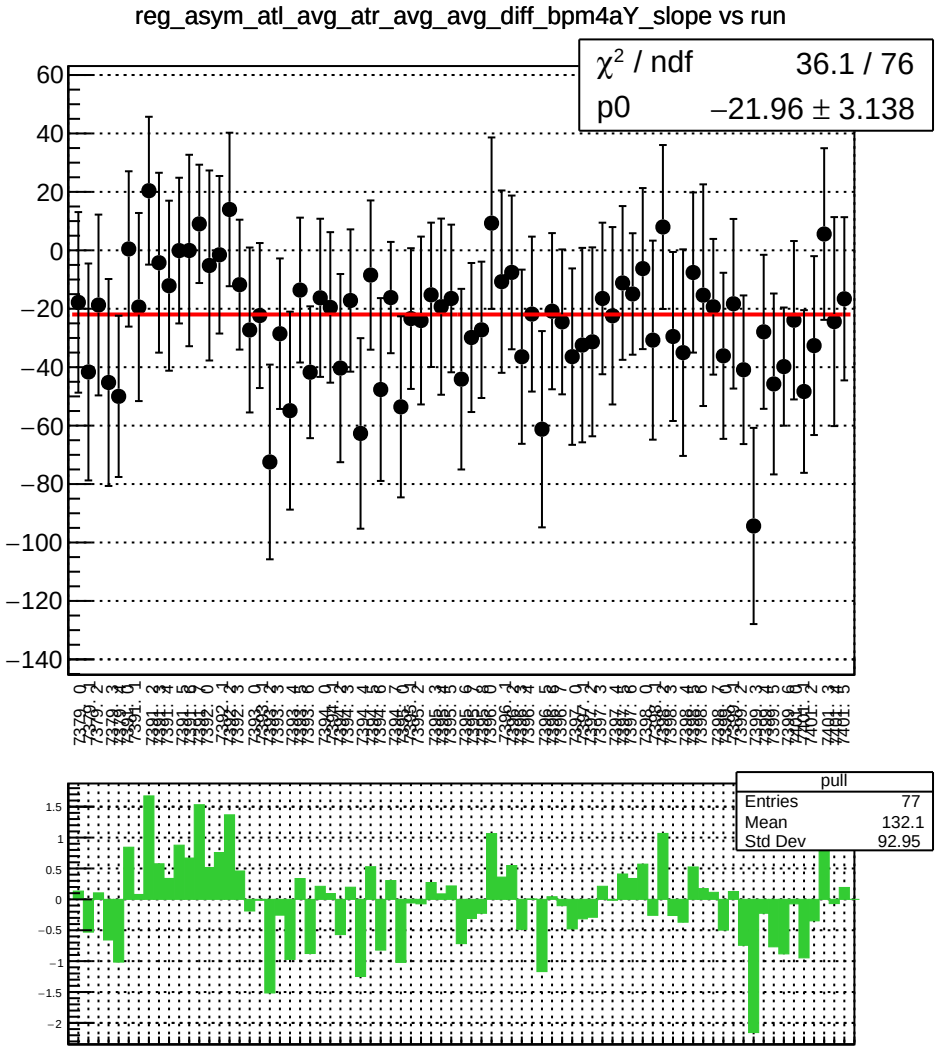

pull1D
Entries 77
Mean 0.09766
Std Dev 1.307

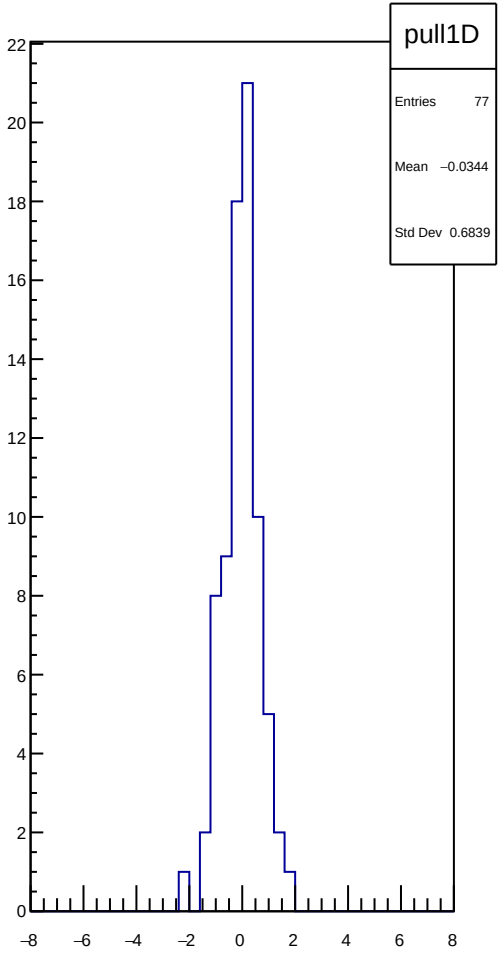

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs run
χ² / ndf 74.41 / 76
p0 17.14 ± 1.045
pull
Entries 77
Mean −51.45
Std Dev 40.17

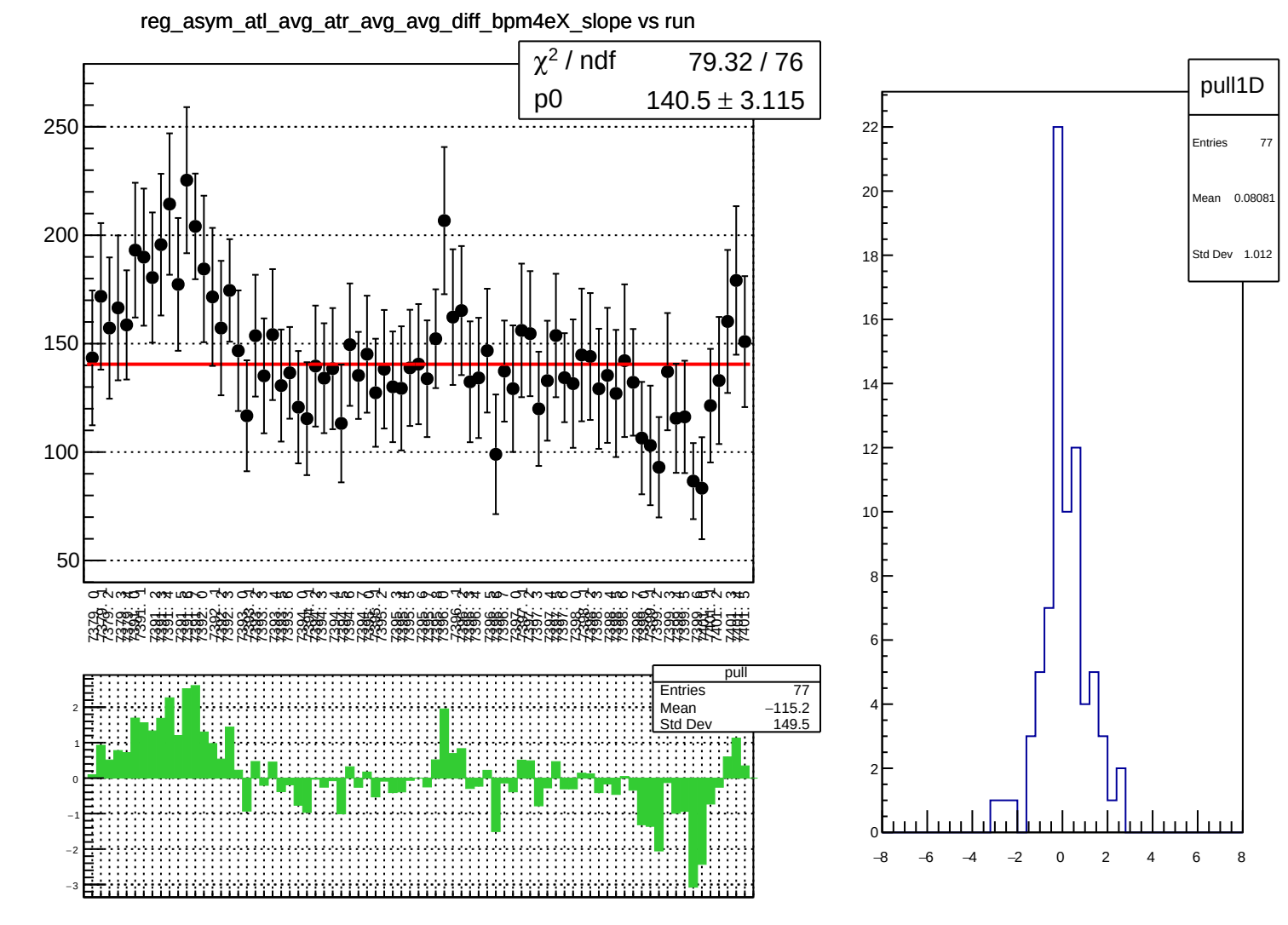

pull1D
Entries 77
Mean 0.01247
Std Dev 0.9829

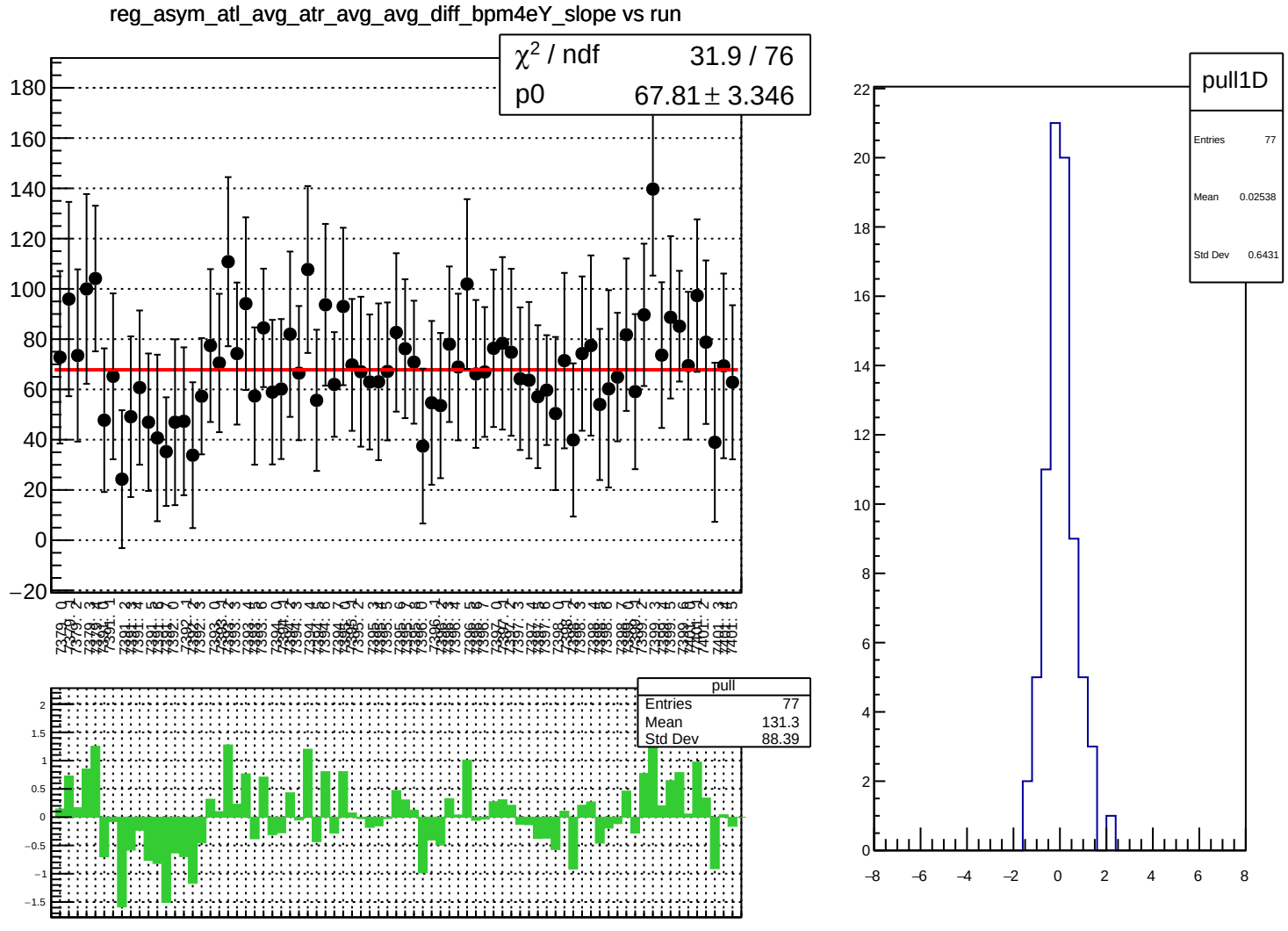

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs run
χ² / ndf 660.2 / 76
p0 −5.368 ± 0.04739
pull
Entries 77
Mean 1.608e+04
Std Dev 1.604e+04
pull1D
Entries 77
Mean 0.2522
Std Dev 2.519

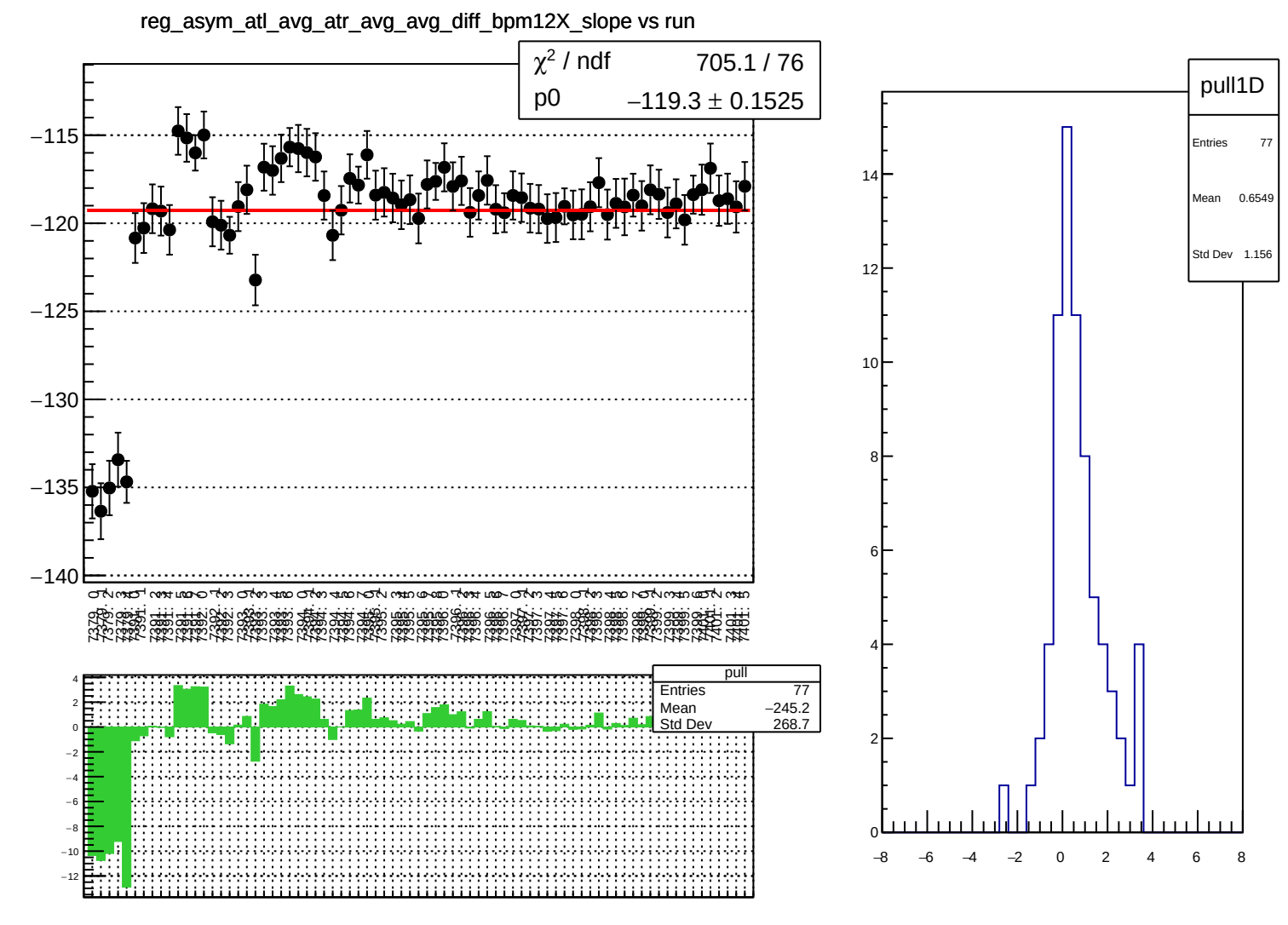

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs run
χ² / ndf 78.87 / 76
p0 −132.4 ± 3.002
−50
−100
−150
−200
−250
pull
Entries 77
Mean −114
Std Dev 148.4
3
2
1
0
−1
−2
pull1D
Entries 77
Mean −0.07906
Std Dev 1.009
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

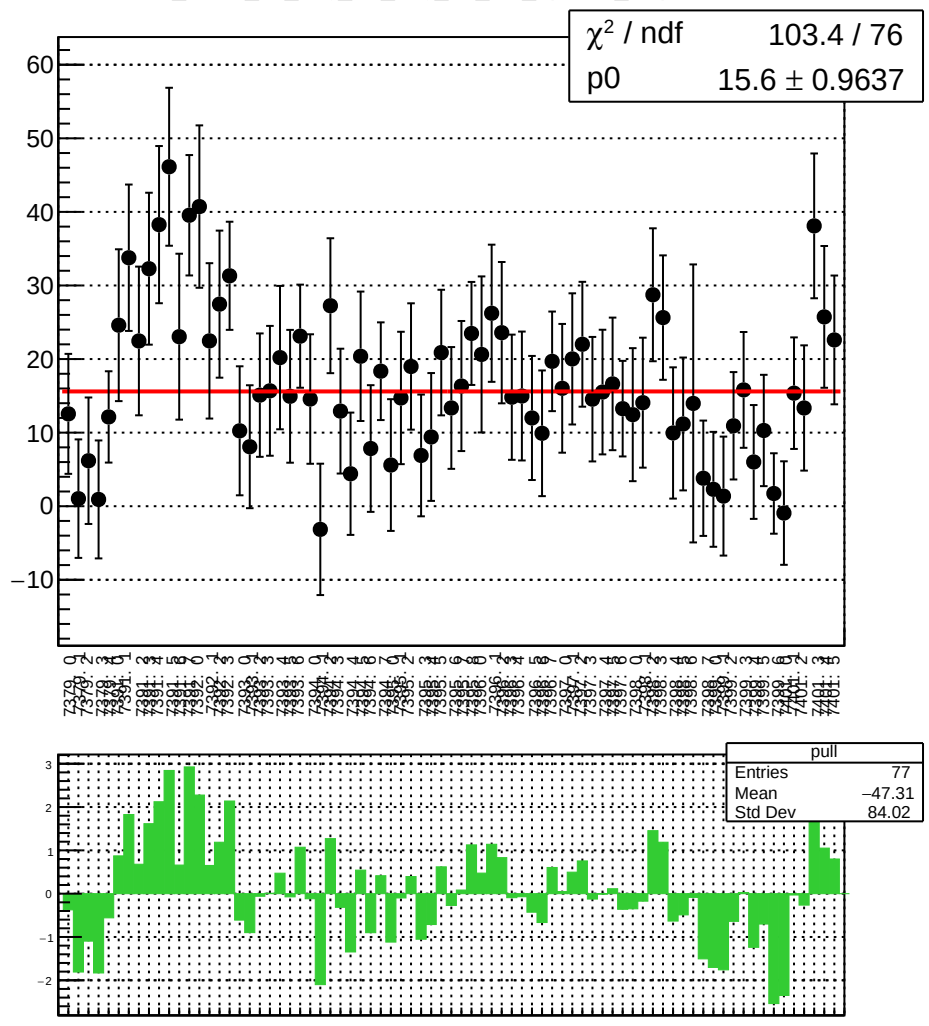

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs run
χ² / ndf 36.1 / 76
p0 −21.96 ± 3.138
pull
Entries 77
Mean 132.1
Std Dev 92.95

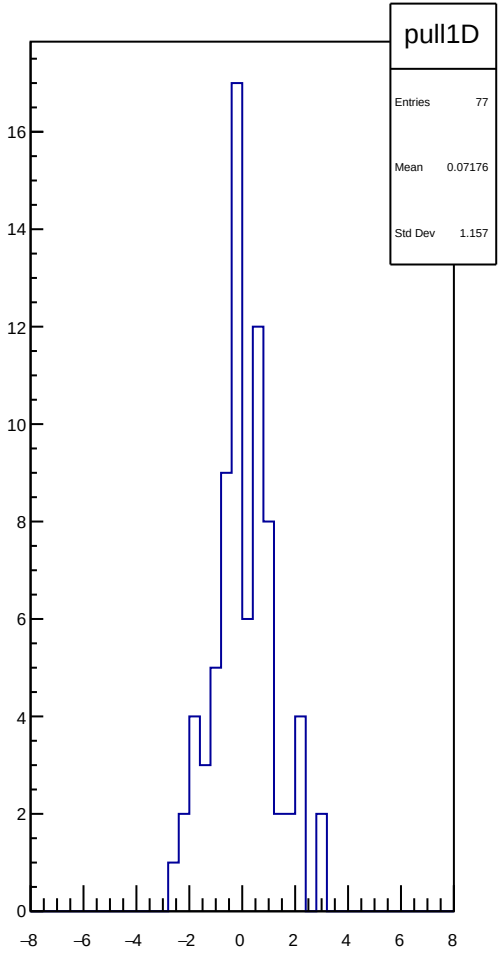

pull1D
Entries 77
Mean −0.0344
Std Dev 0.6839

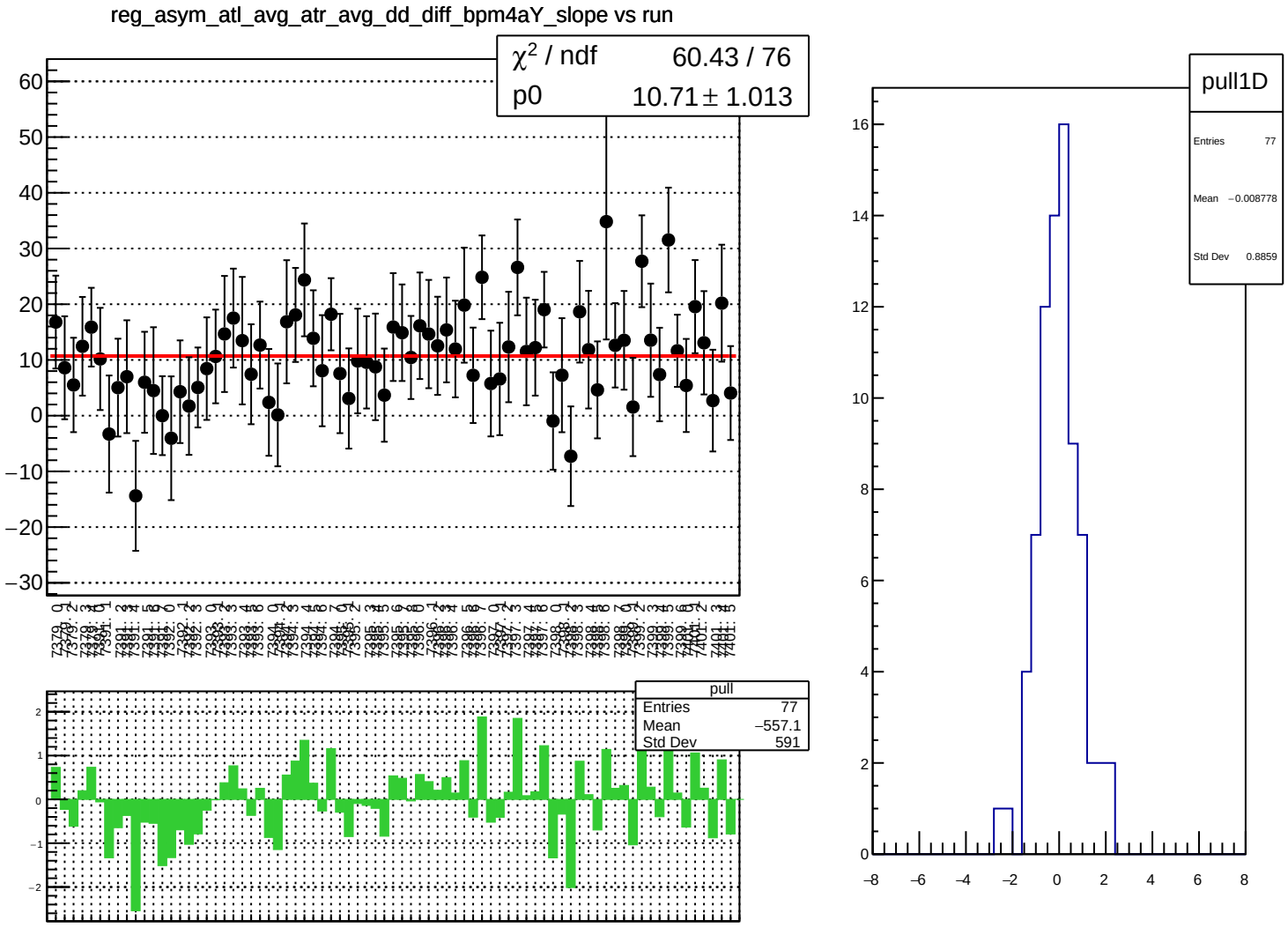

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs run
χ² / ndf 79.32 / 76
p0 140.5 ± 3.115
pull
Entries 77
Mean −115.2
Std Dev 149.5
pull1D
Entries 77
Mean 0.08081
Std Dev 1.012

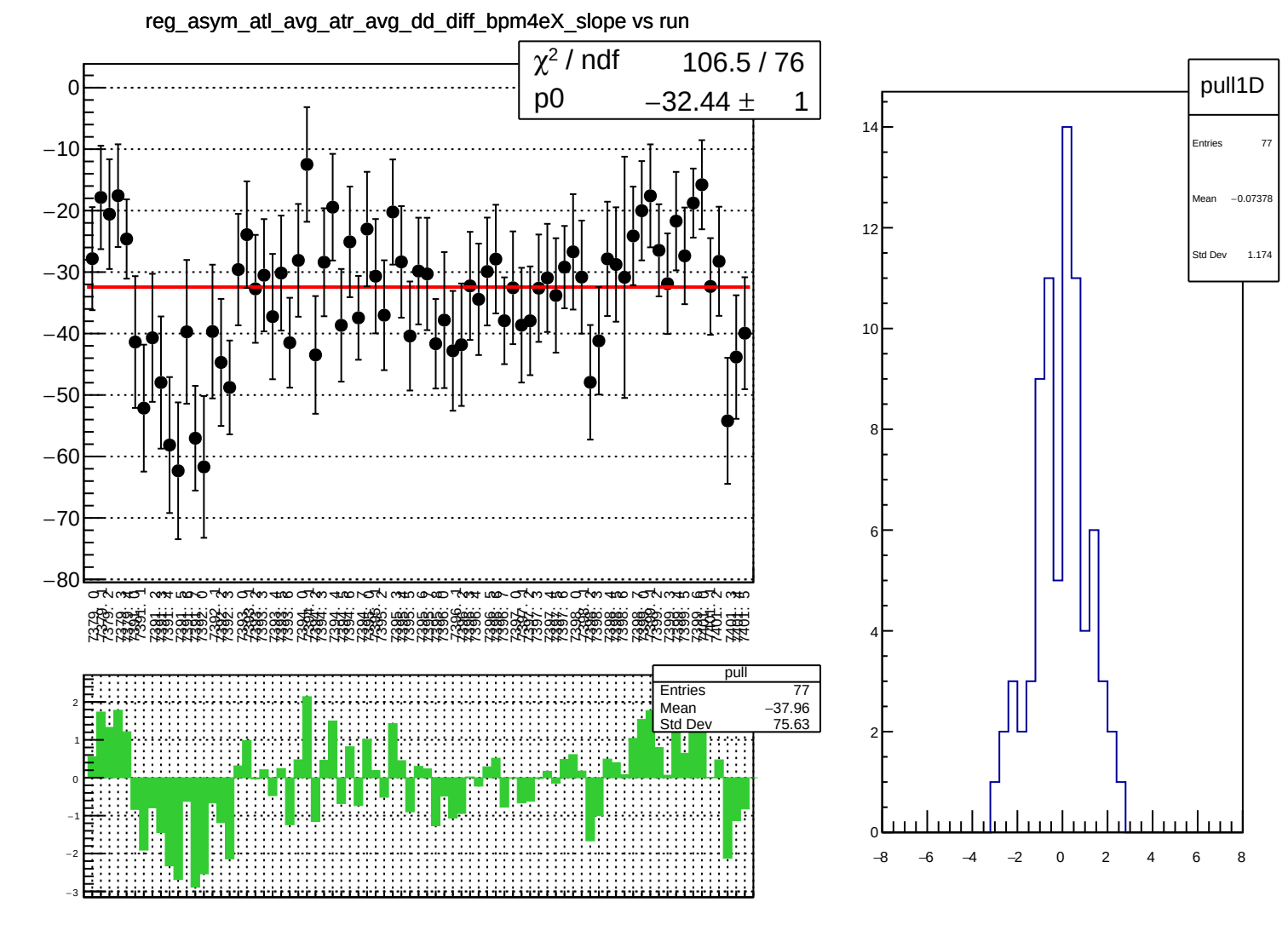

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs run
χ² / ndf 31.9 / 76
p0 67.81 ± 3.346
pull
Entries 77
Mean 131.3
Std Dev 88.39
pull1D
Entries 77
Mean 0.02538
Std Dev 0.6431

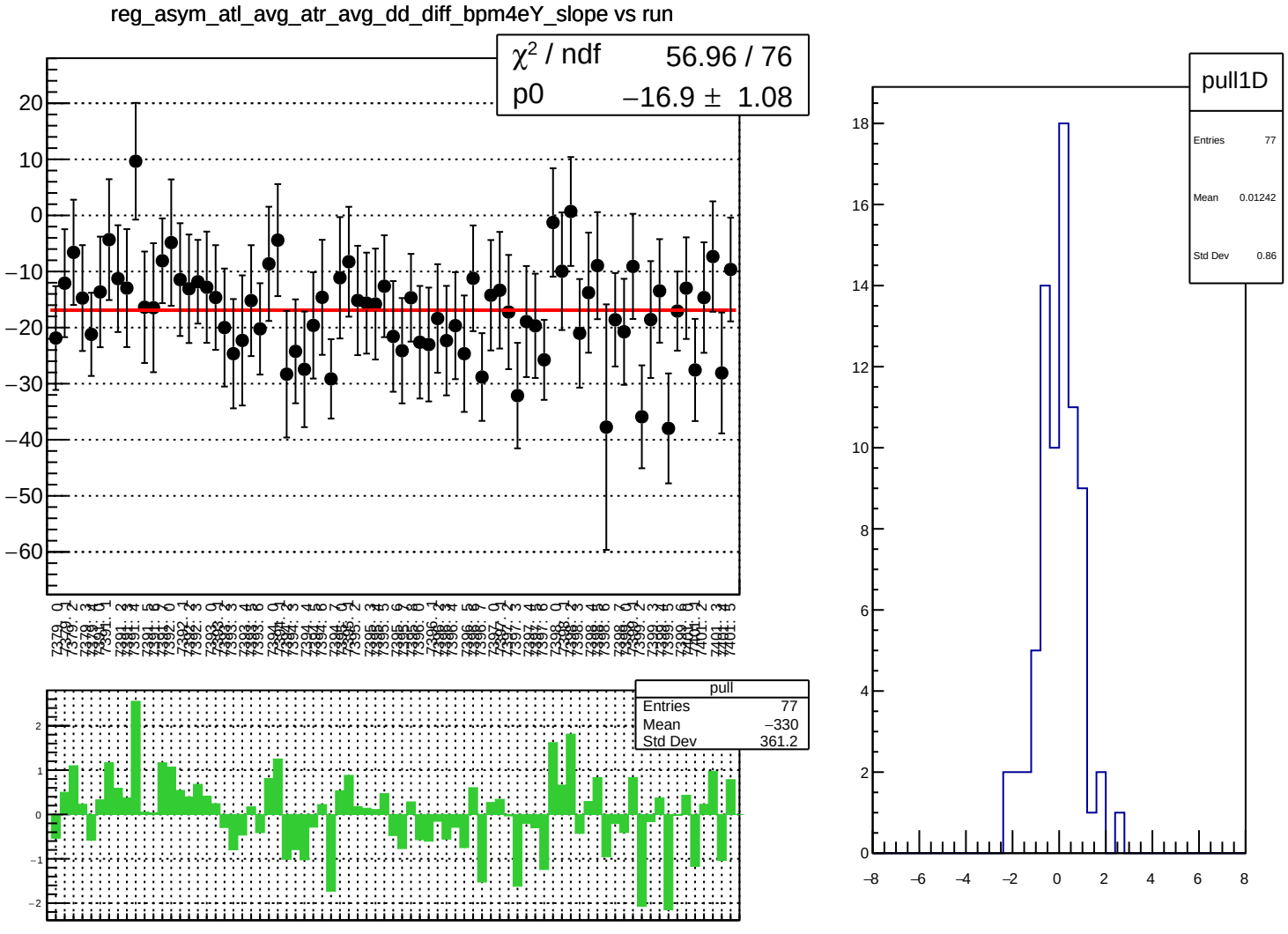

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs run
χ² / ndf 705.1 / 76
p0 −119.3 ± 0.1525
pull
Entries 77
Mean −245.2
Std Dev 268.7
pull1D
Entries 77
Mean 0.6549
Std Dev 1.156

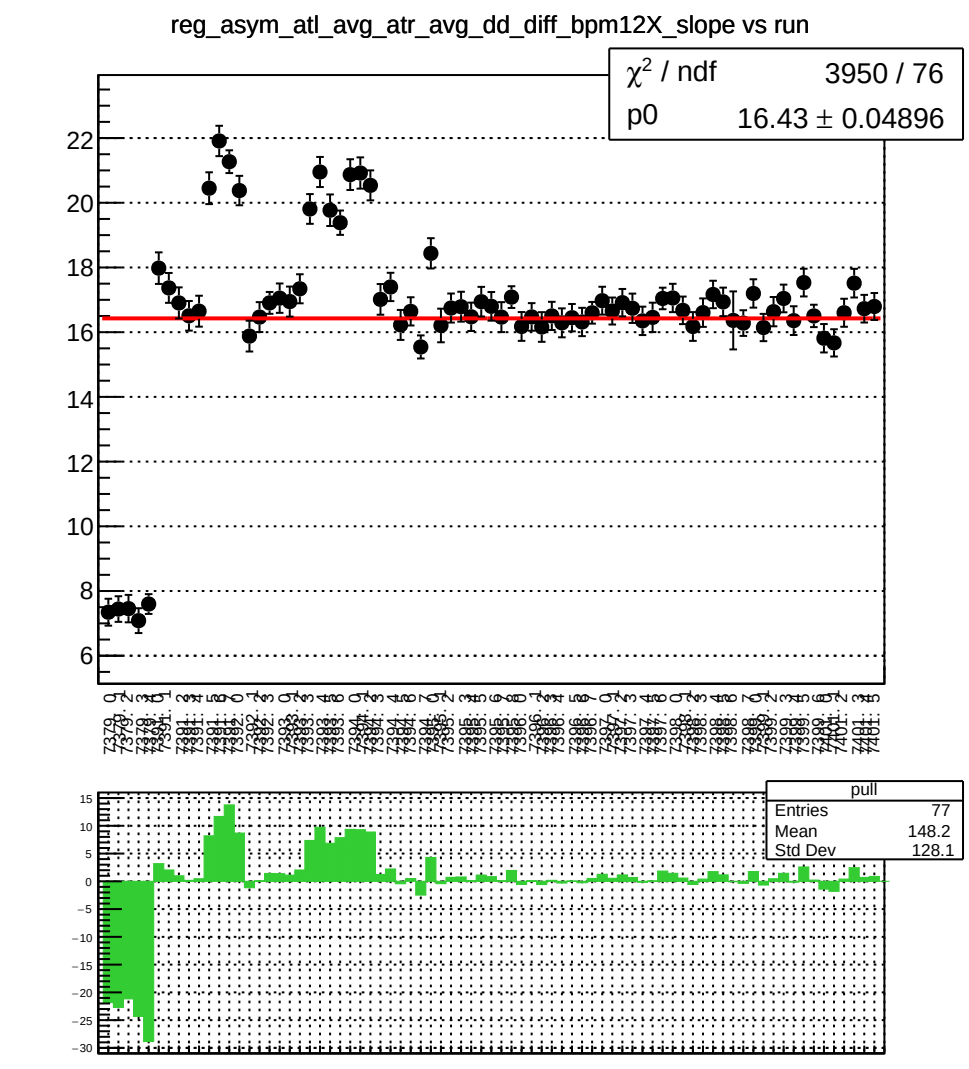

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs run
χ² / ndf 103.4 / 76
p0 15.6 ± 0.9637
pull
Entries 77
Mean −47.31
Std Dev 84.02

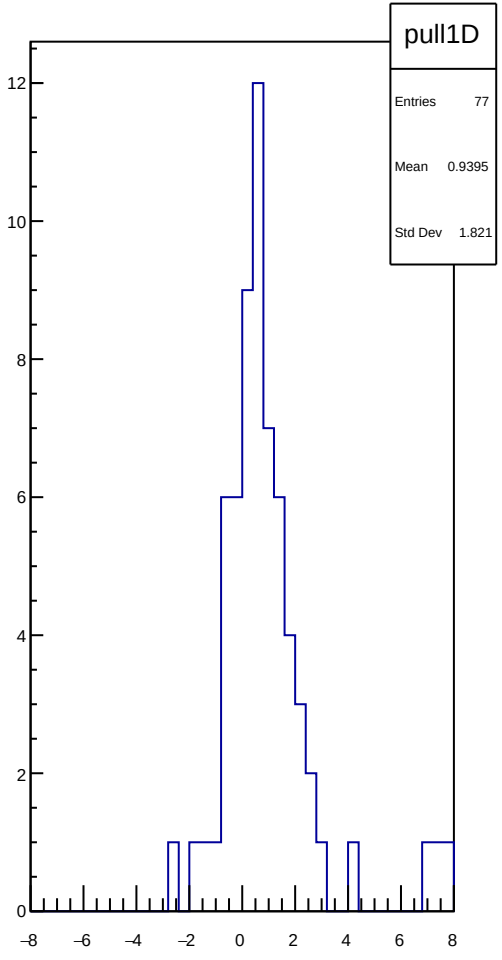

pull1D
Entries 77
Mean 0.07176
Std Dev 1.157

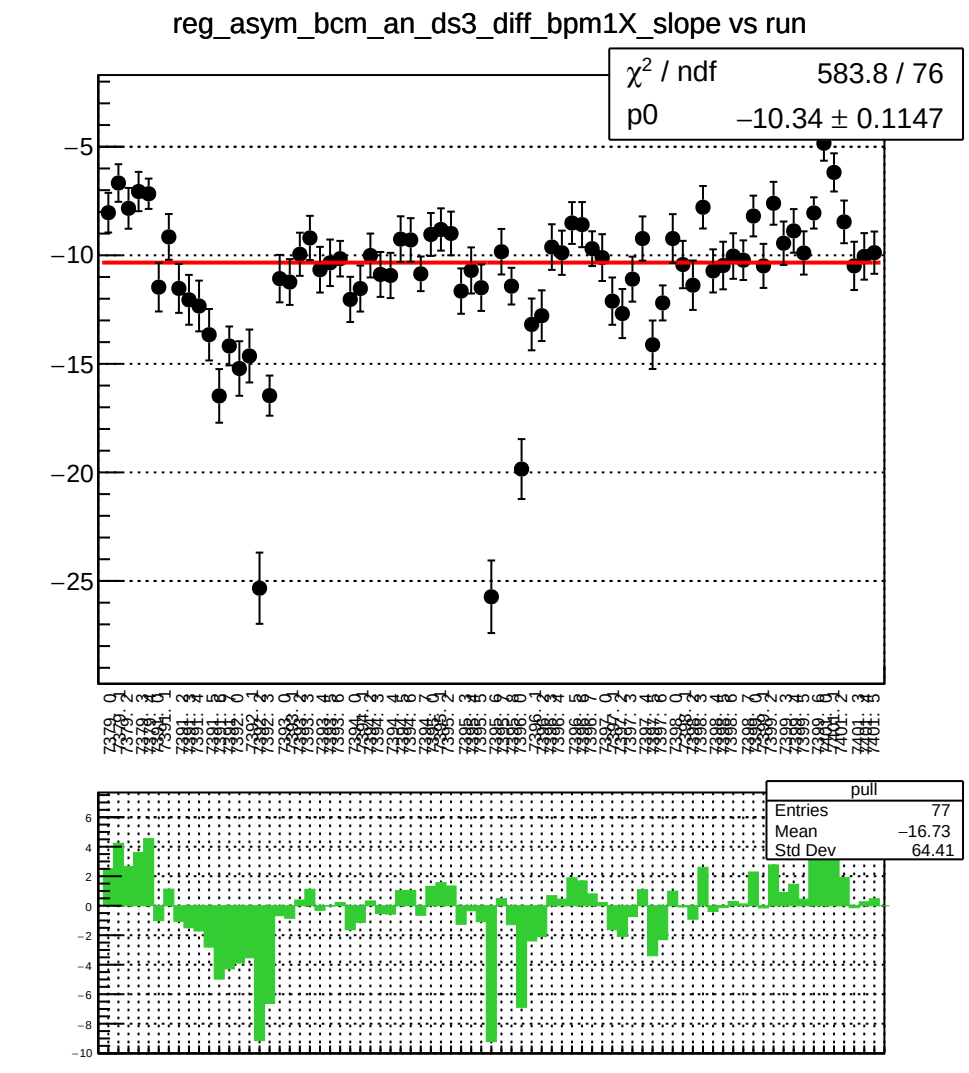

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs run
χ² / ndf 60.43 / 76
p0 10.71 ± 1.013
pull
Entries 77
Mean −557.1
Std Dev 591
pull1D
Entries 77
Mean −0.008778
Std Dev 0.8859

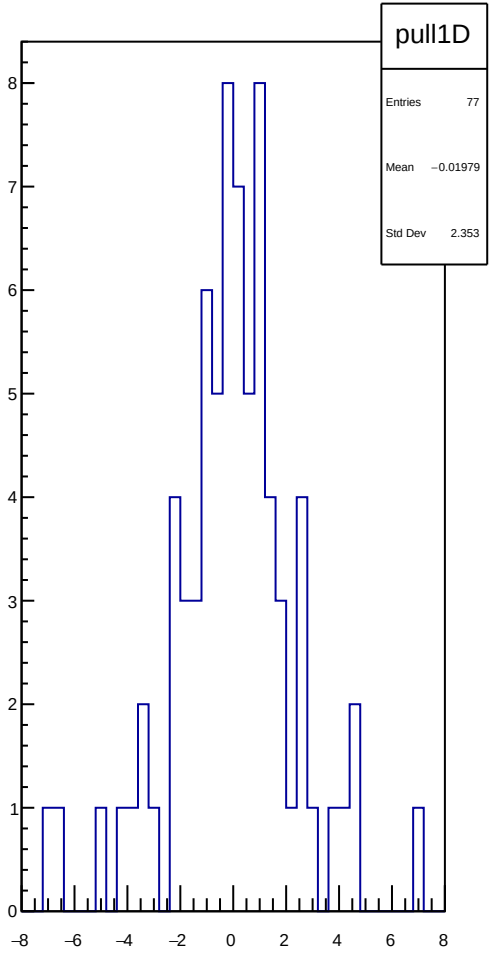

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs run
χ² / ndf 106.5 / 76
p0 −32.44 ± 1
pull
Entries 77
Mean −37.96
Std Dev 75.63
pull1D
Entries 77
Mean −0.07378
Std Dev 1.174

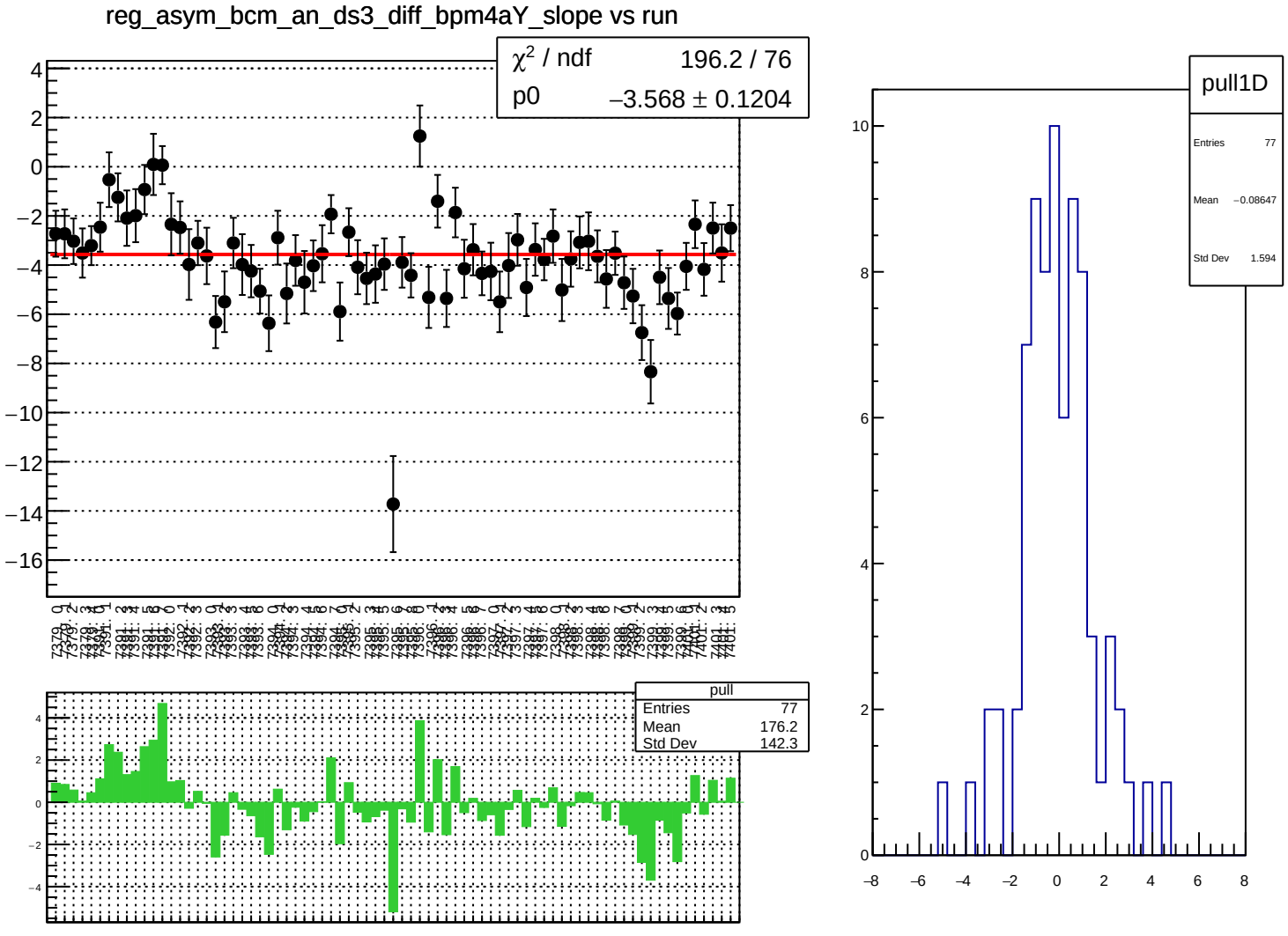

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs run
χ² / ndf 56.96 / 76
p0 −16.9 ± 1.08
pull
Entries 77
Mean −330
Std Dev 361.2
pull1D
Entries 77
Mean 0.01242
Std Dev 0.86

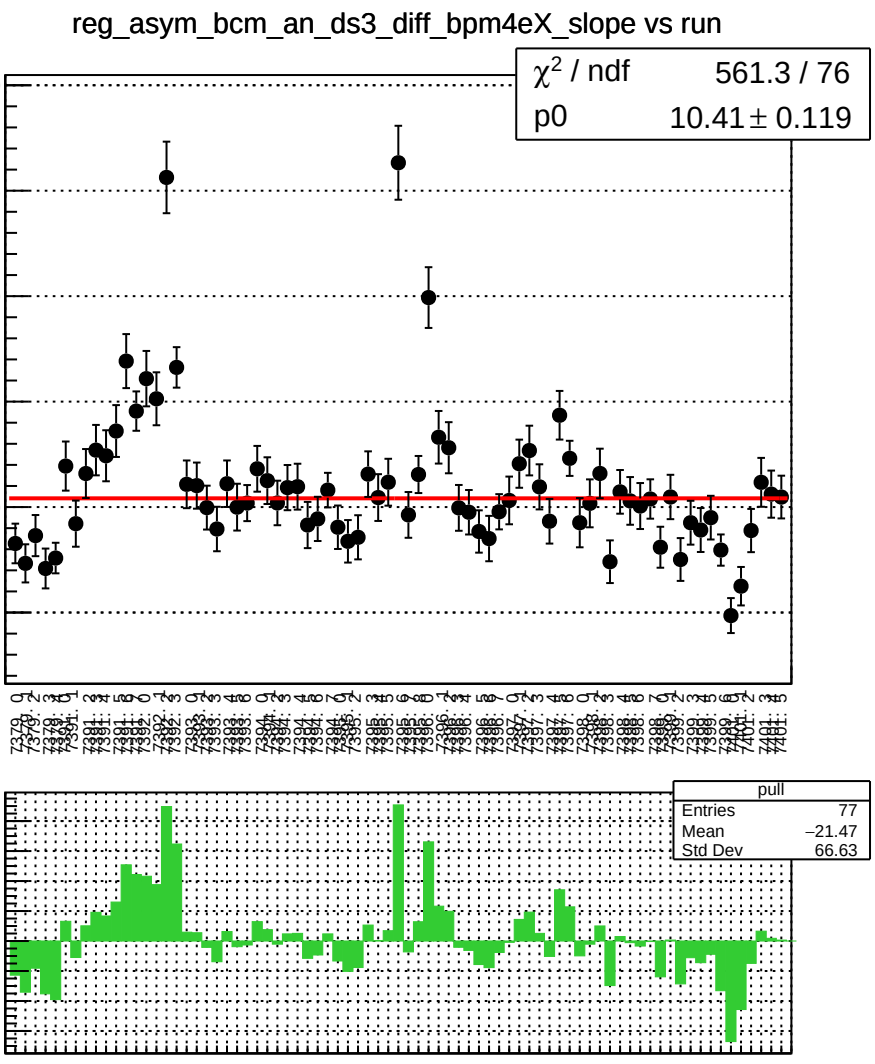

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs run
χ² / ndf 3950 / 76
p0 16.43 ± 0.04896
pull
Entries 77
Mean 148.2
Std Dev 128.1

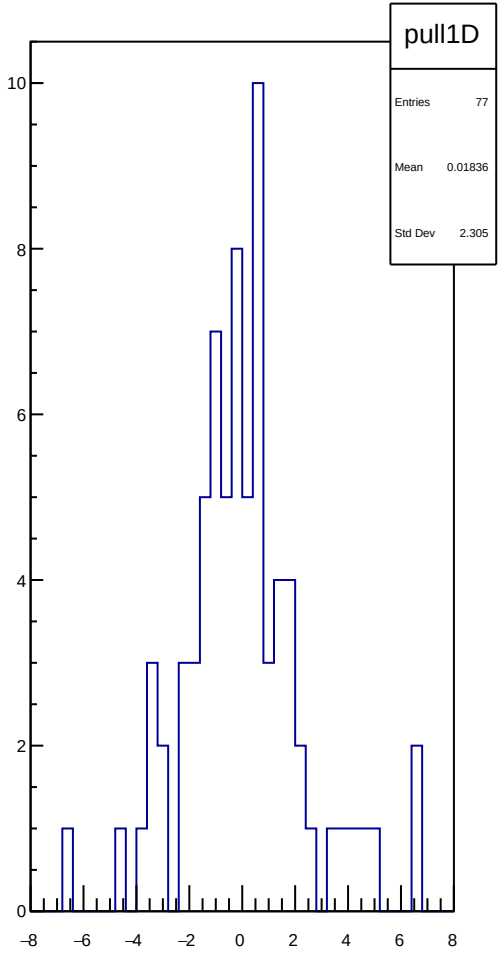

pull1D
Entries 77
Mean 0.9395
Std Dev 1.821

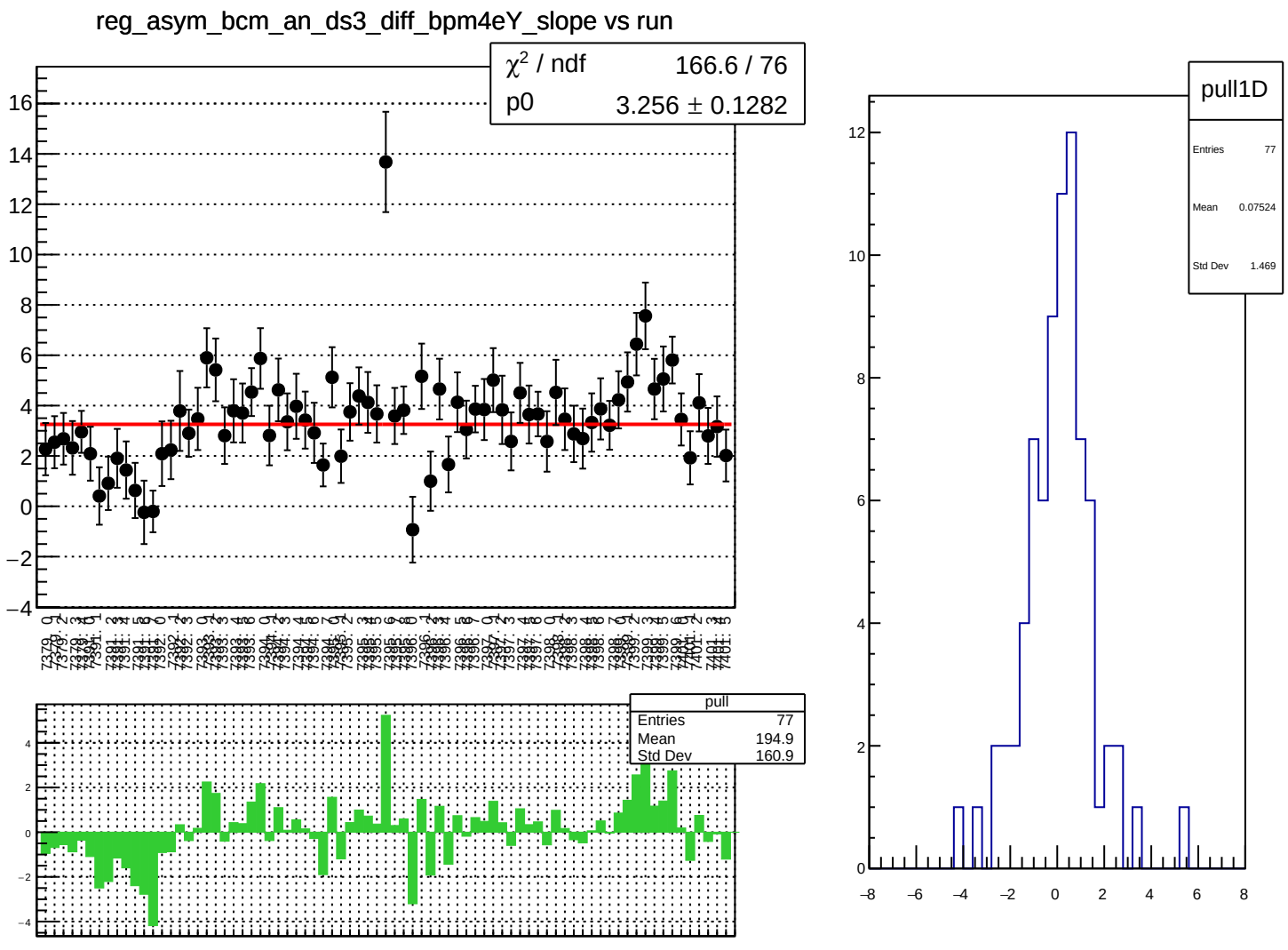

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs run
χ² / ndf 583.8 / 76
p0 −10.34 ± 0.1147
pull
Entries 77
Mean −16.73
Std Dev 64.41

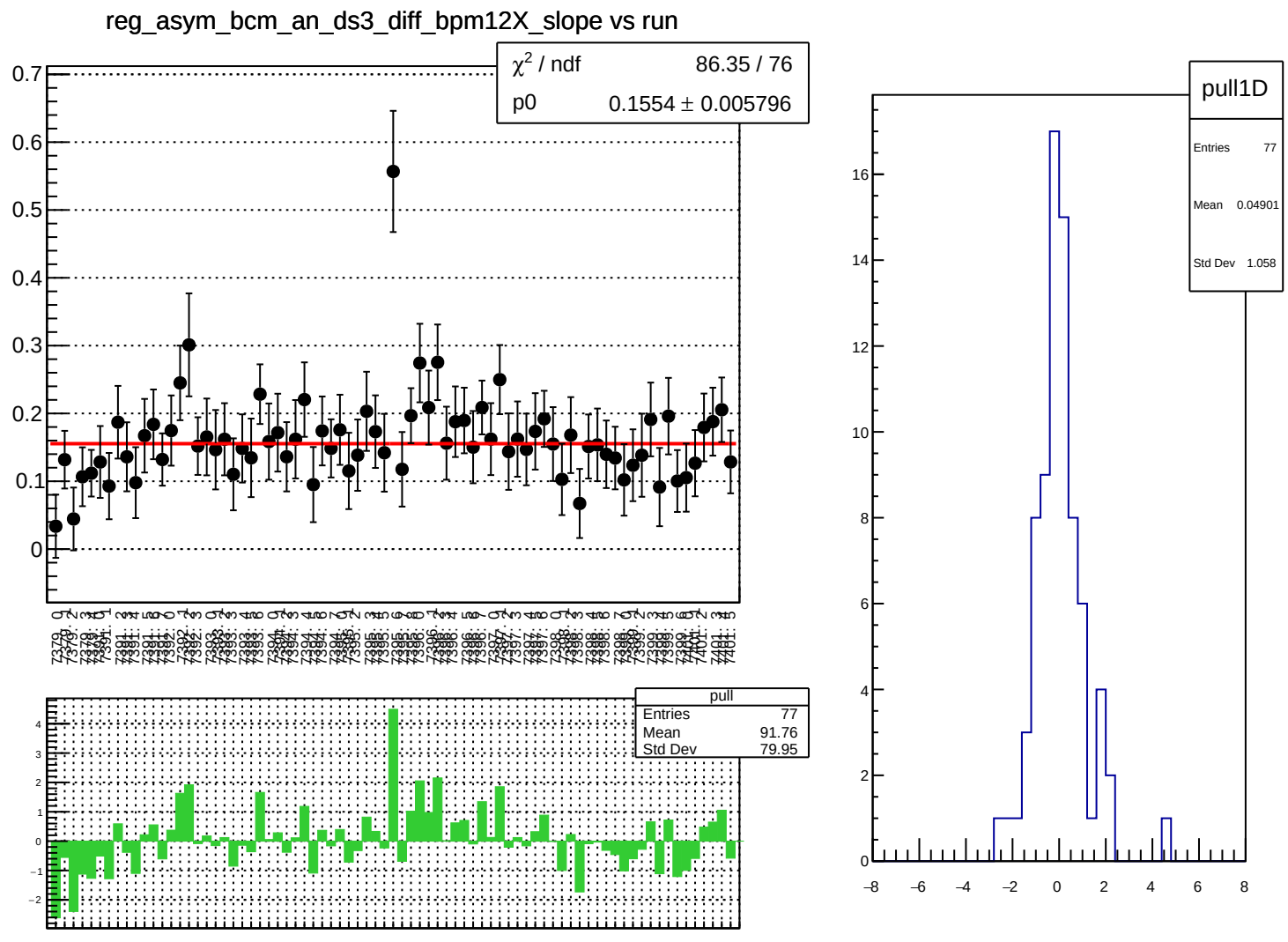

pull1D
Entries 77
Mean −0.01979
Std Dev 2.353

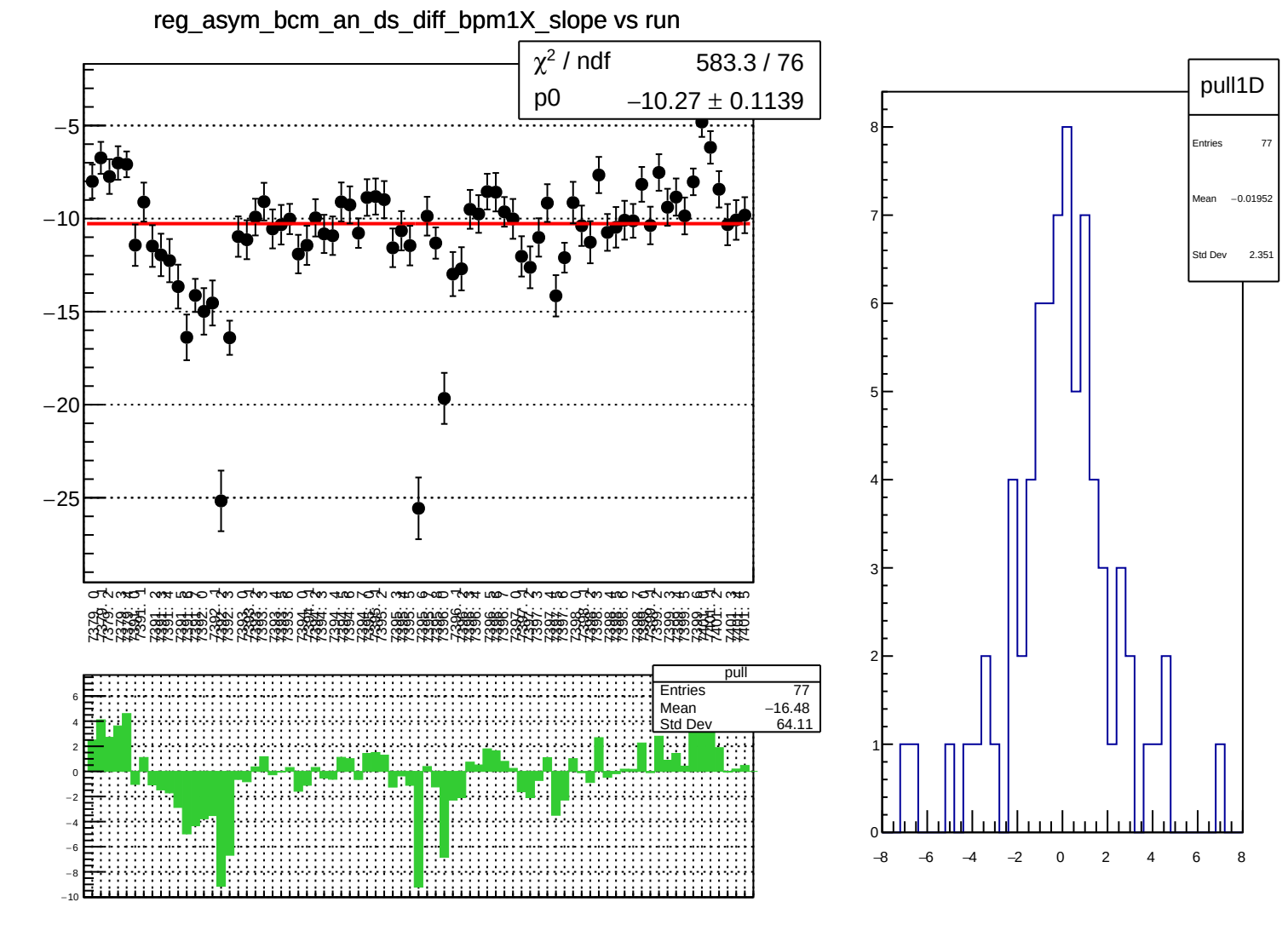

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs run
χ² / ndf 196.2 / 76
p0 −3.568 ± 0.1204
pull
Entries 77
Mean 176.2
Std Dev 142.3
pull1D
Entries 77
Mean −0.08647
Std Dev 1.594

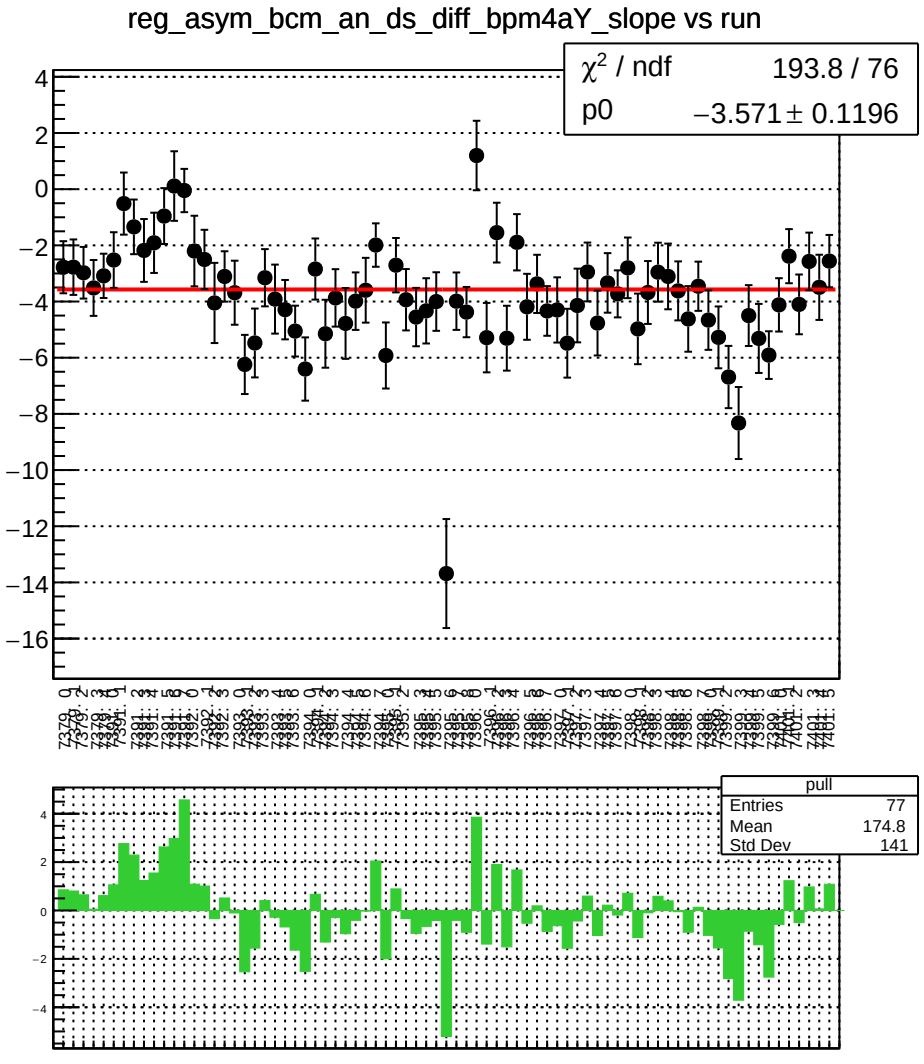

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs run
χ² / ndf 561.3 / 76
p0 10.41 ± 0.119
pull
Entries 77
Mean −21.47
Std Dev 66.63

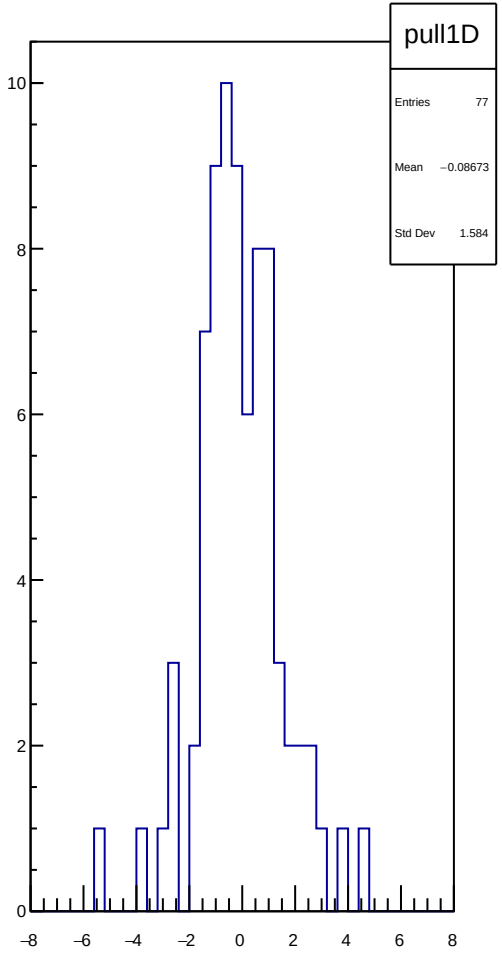

pull1D
Entries 77
Mean 0.01836
Std Dev 2.305

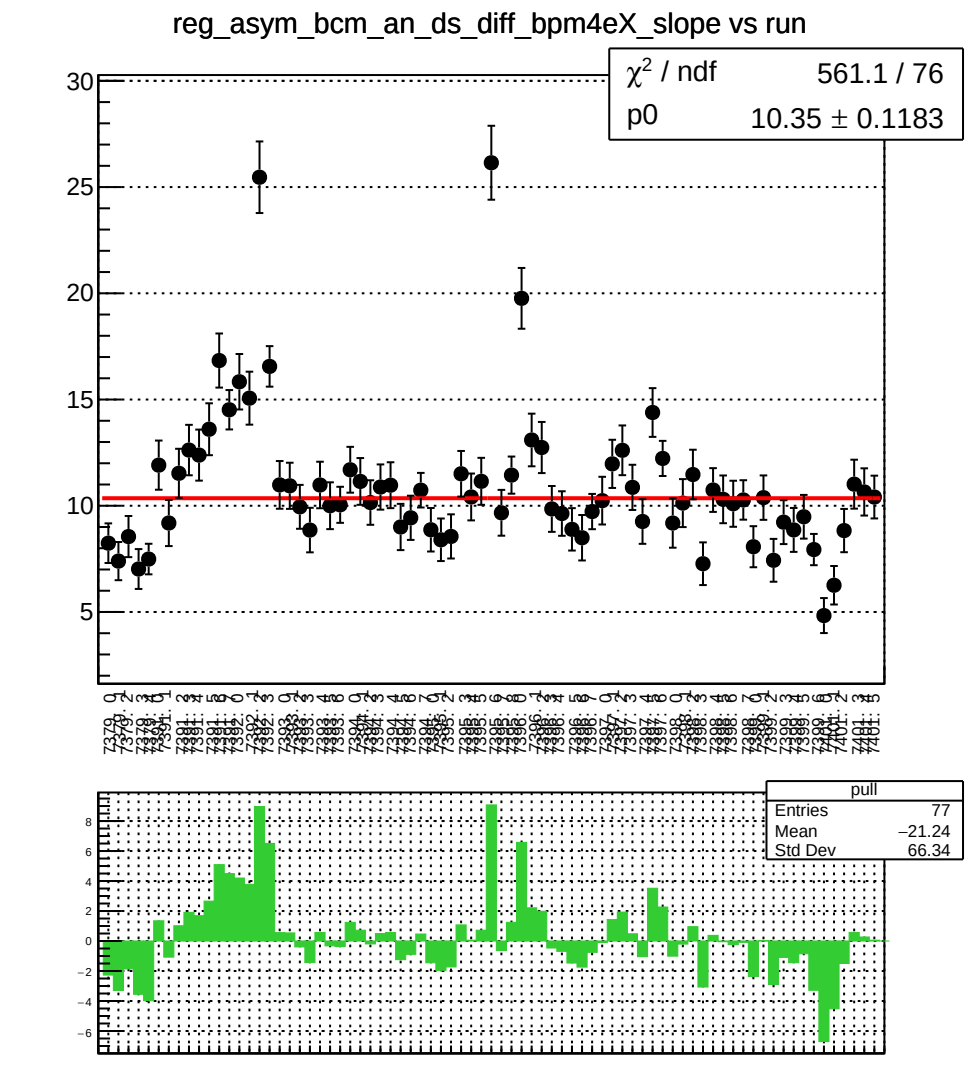

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs run
χ² / ndf 166.6 / 76
p0 3.256 ± 0.1282
pull
Entries 77
Mean 194.9
Std Dev 160.9
pull1D
Entries 77
Mean 0.07524
Std Dev 1.469

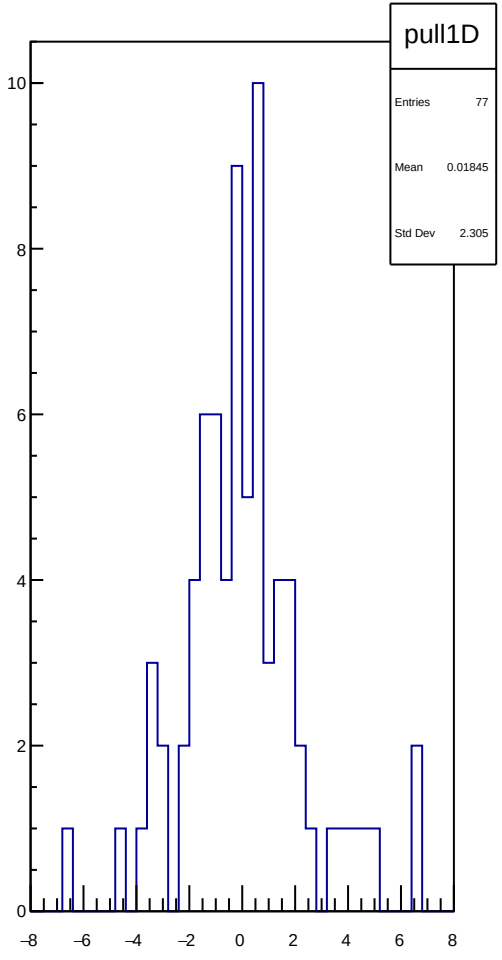

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs run
χ² / ndf 86.35 / 76
p0 0.1554 ± 0.005796
pull
Entries 77
Mean 91.76
Std Dev 79.95
pull1D
Entries 77
Mean 0.04901
Std Dev 1.058

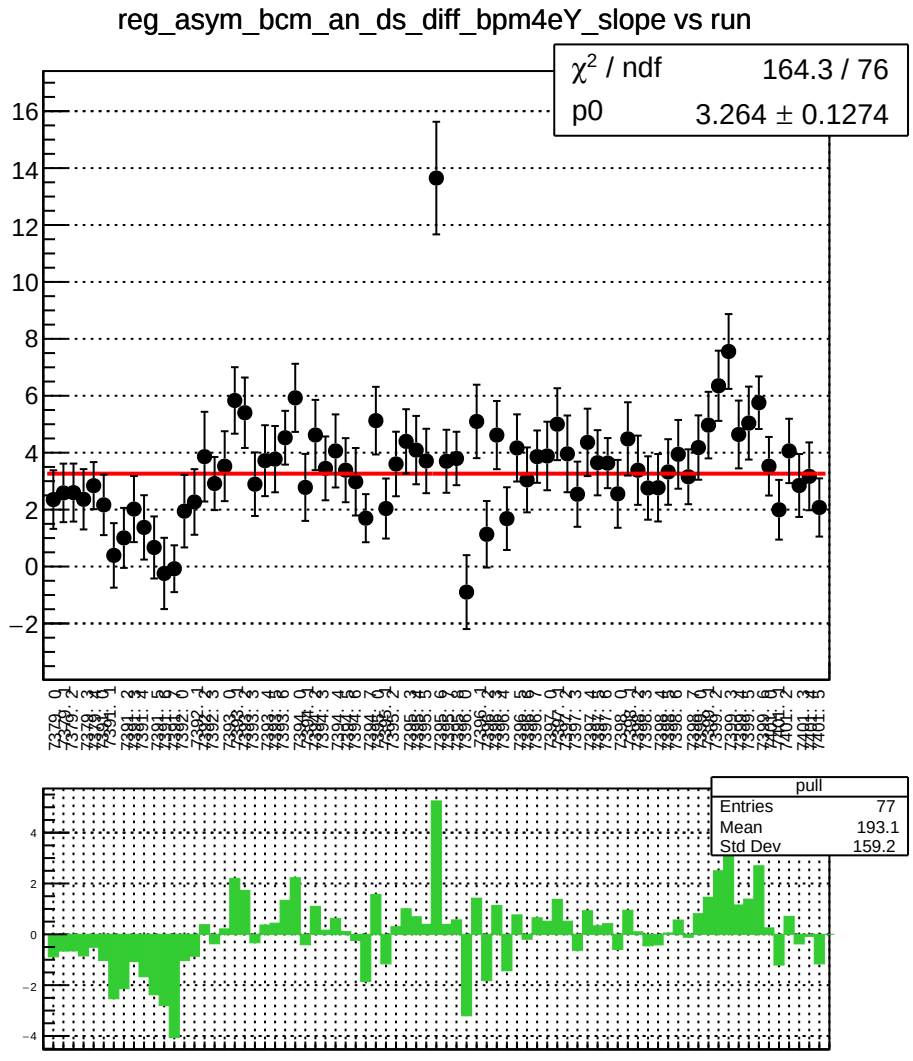

reg_asym_bcm_an_ds_diff_bpm1X_slope vs run
χ² / ndf 583.3 / 76
p0 −10.27 ± 0.1139
pull
Entries 77
Mean −16.48
Std Dev 64.11
pull1D
Entries 77
Mean −0.01952
Std Dev 2.351

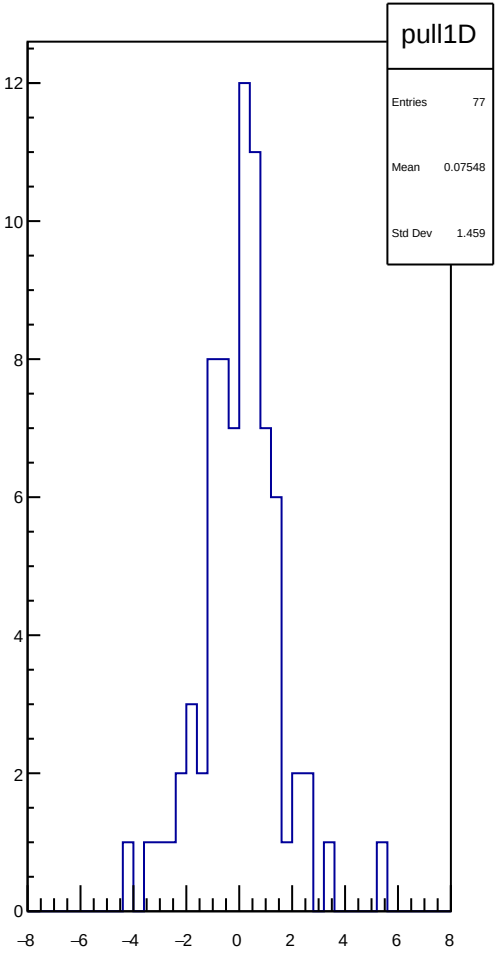

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs run
χ² / ndf 193.8 / 76
p0 −3.571 ± 0.1196
pull
Entries 77
Mean 174.8
Std Dev 141

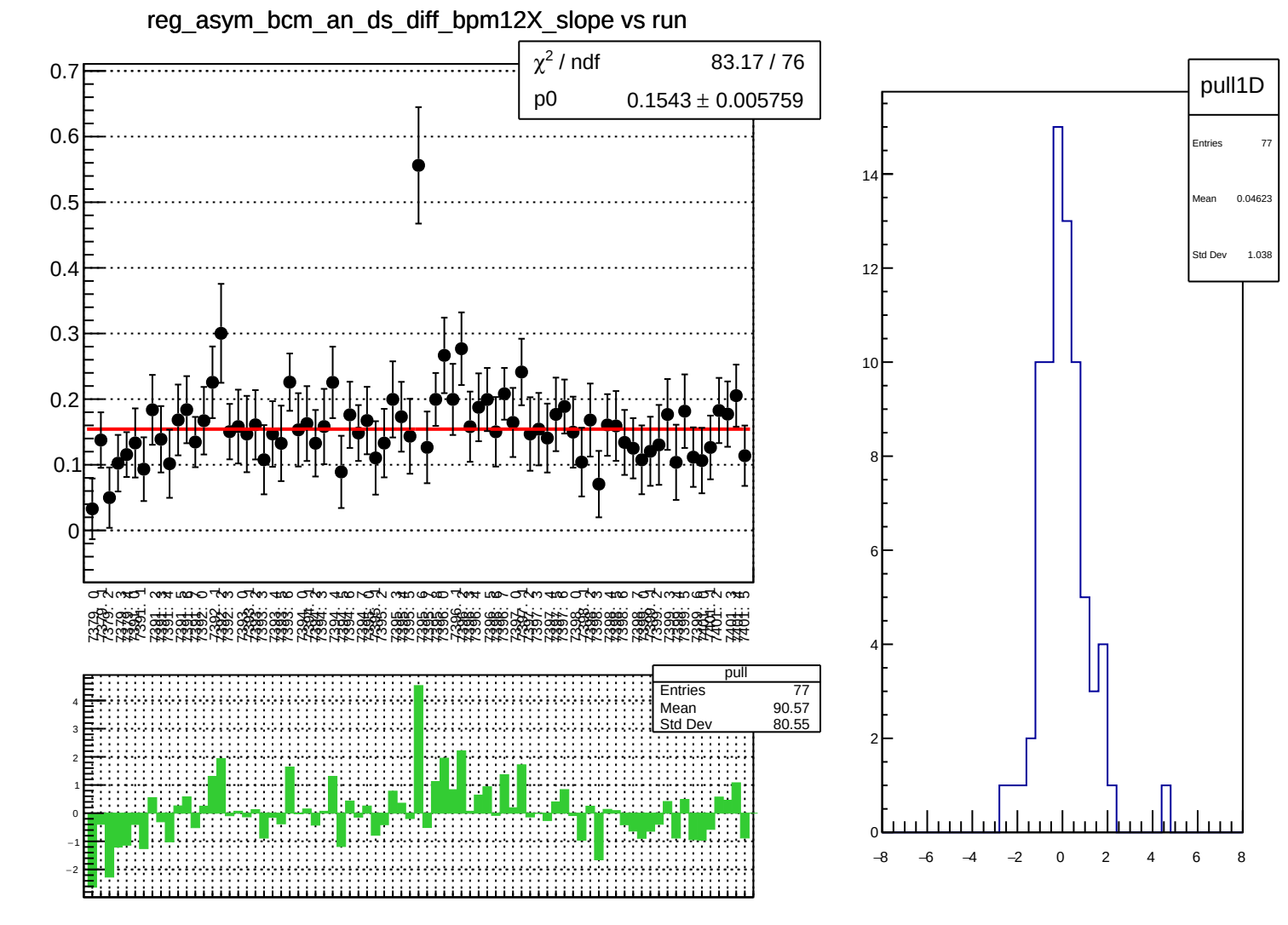

pull1D
Entries 77
Mean −0.08673
Std Dev 1.584

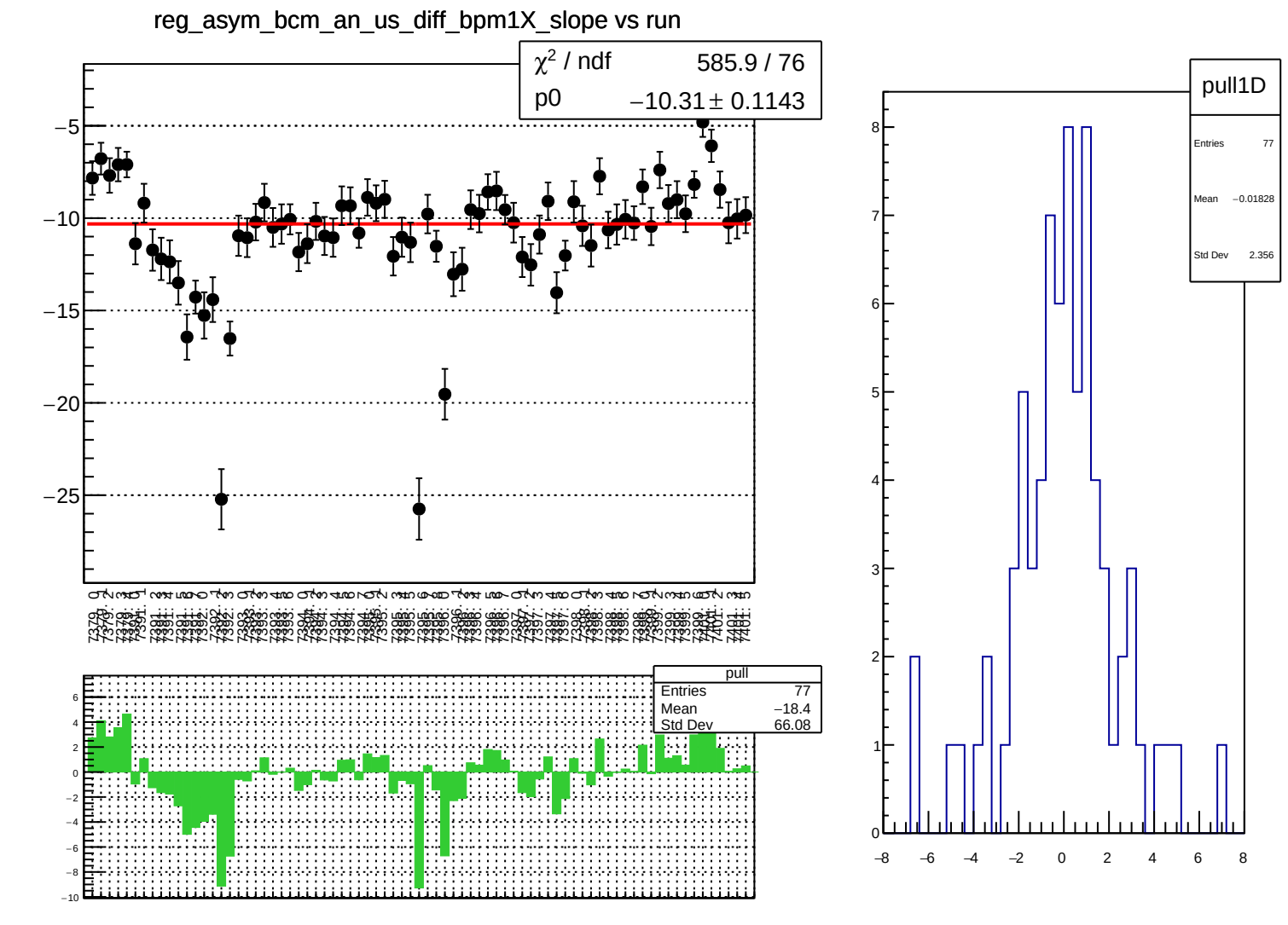

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs run
χ² / ndf 561.1 / 76
p0 10.35 ± 0.1183
pull
Entries 77
Mean −21.24
Std Dev 66.34

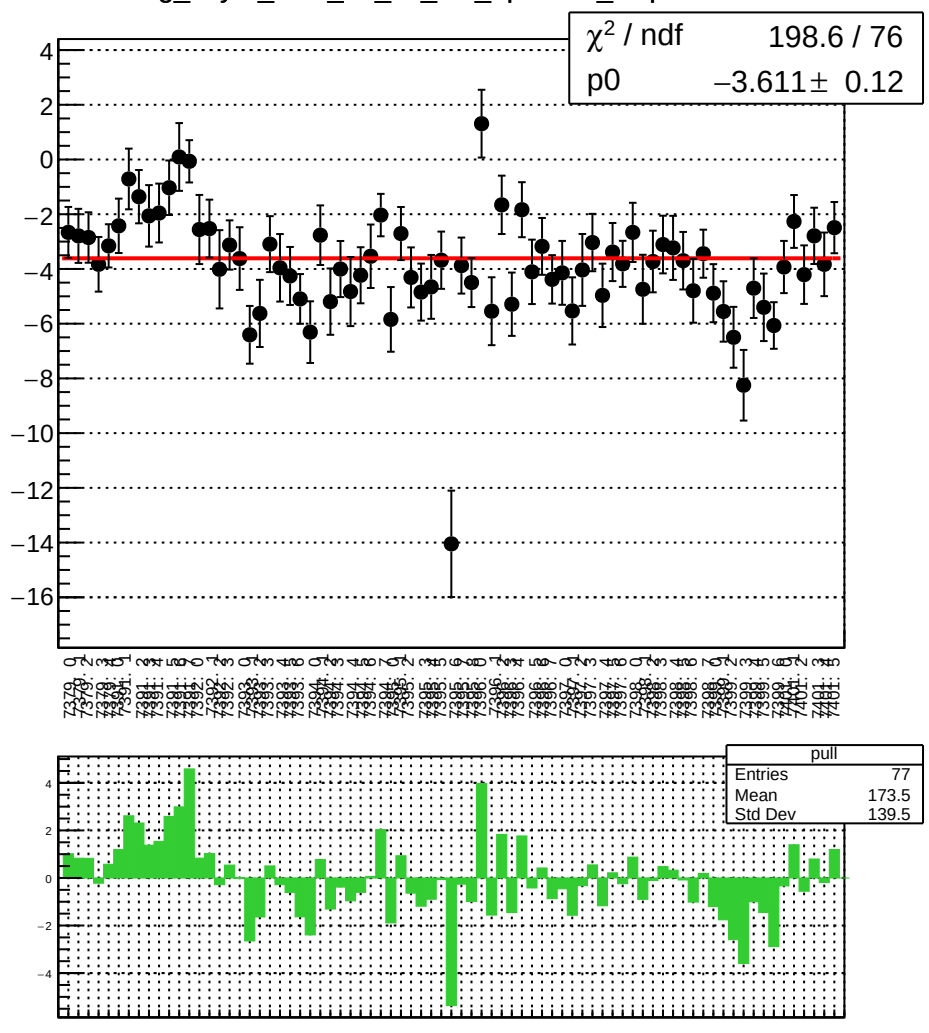

pull1D
Entries 77
Mean 0.01845
Std Dev 2.305

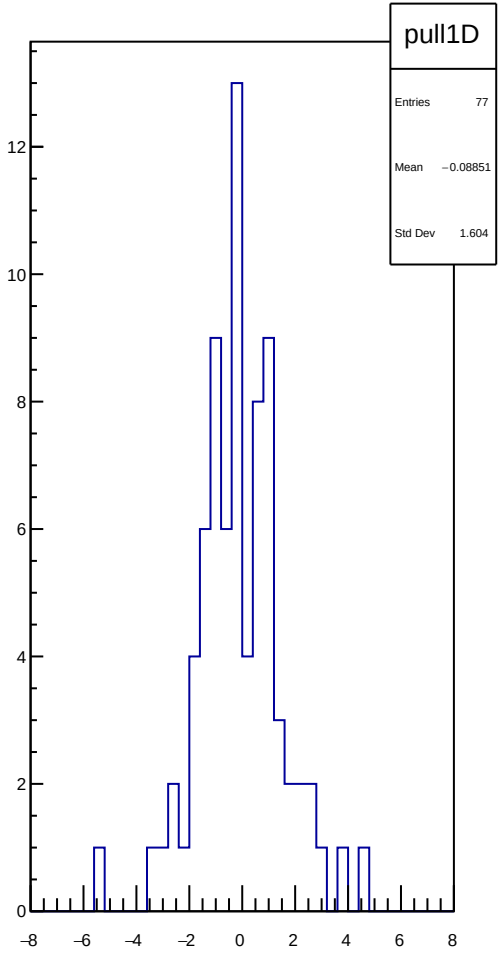

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs run
χ² / ndf 164.3 / 76
p0 3.264 ± 0.1274
pull
Entries 77
Mean 193.1
Std Dev 159.2

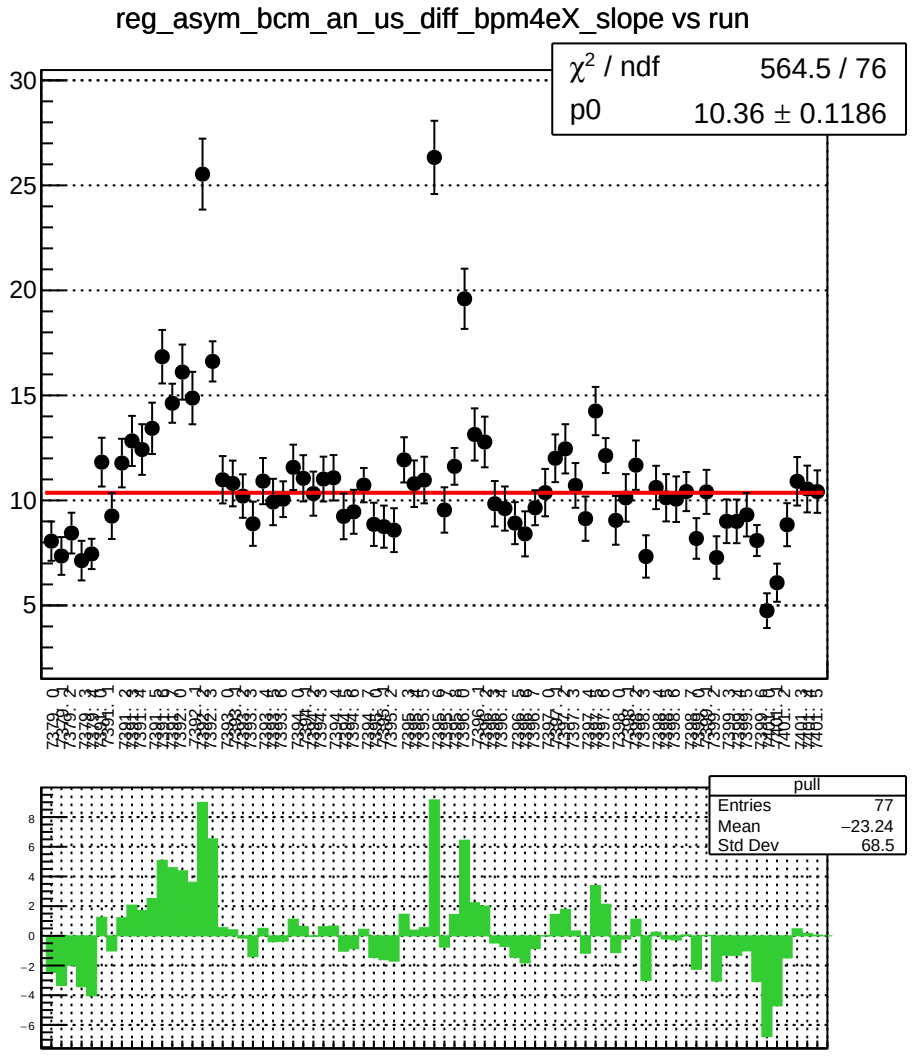

pull1D
Entries 77
Mean 0.07548
Std Dev 1.459

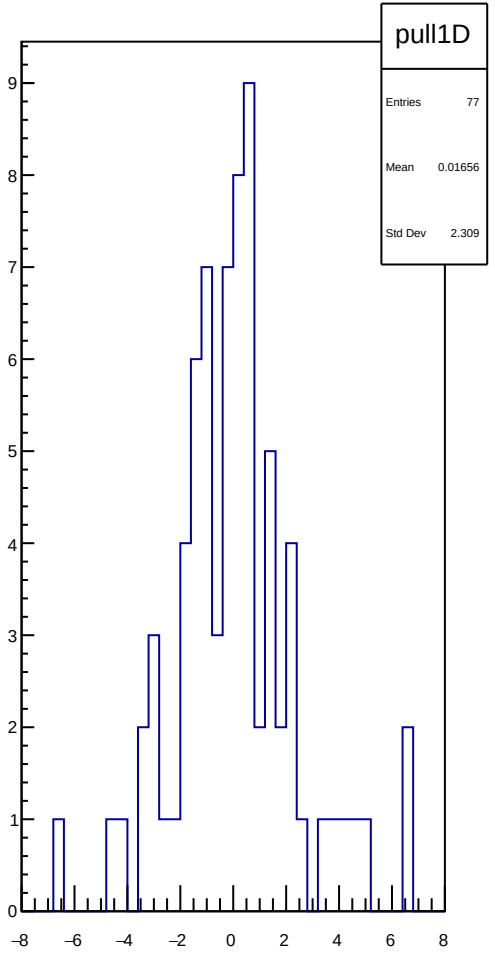

reg_asym_bcm_an_ds_diff_bpm12X_slope vs run
χ² / ndf 83.17 / 76
p0 0.1543 ± 0.005759
pull
Entries 77
Mean 90.57
Std Dev 80.55
pull1D
Entries 77
Mean 0.04623
Std Dev 1.038

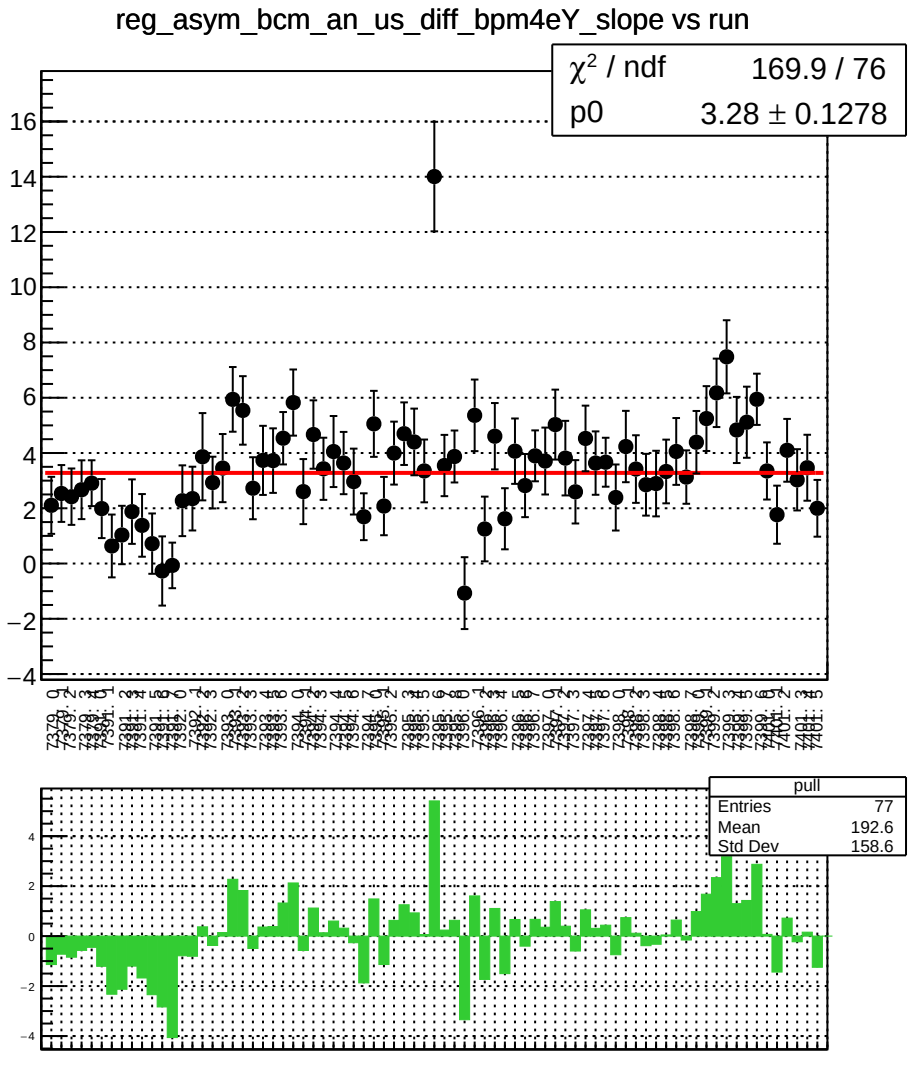

reg_asym_bcm_an_us_diff_bpm1X_slope vs run
χ² / ndf 585.9 / 76
p0 −10.31 ± 0.1143
pull
Entries 77
Mean −18.4
Std Dev 66.08
pull1D
Entries 77
Mean −0.01828
Std Dev 2.356

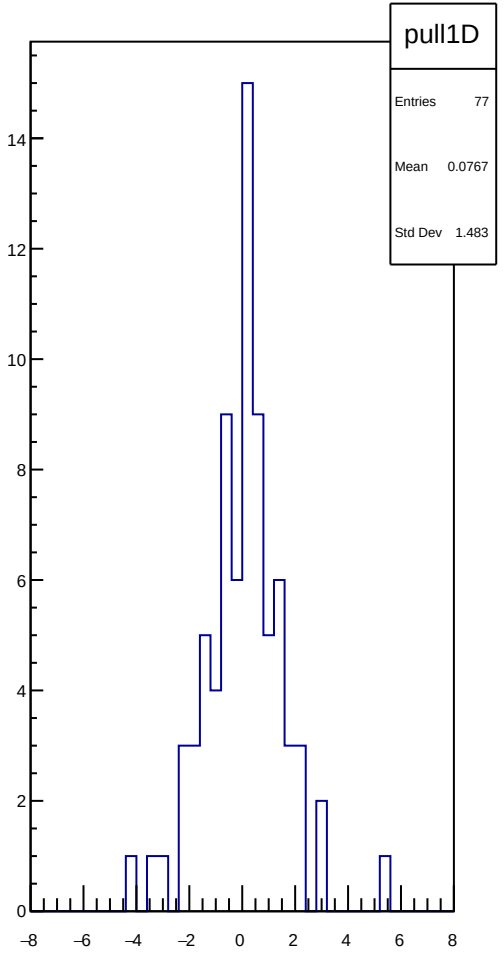

reg_asym_bcm_an_us_diff_bpm4aY_slope vs run
χ² / ndf 198.6 / 76
p0 −3.611 ± 0.12
pull
Entries 77
Mean 173.5
Std Dev 139.5

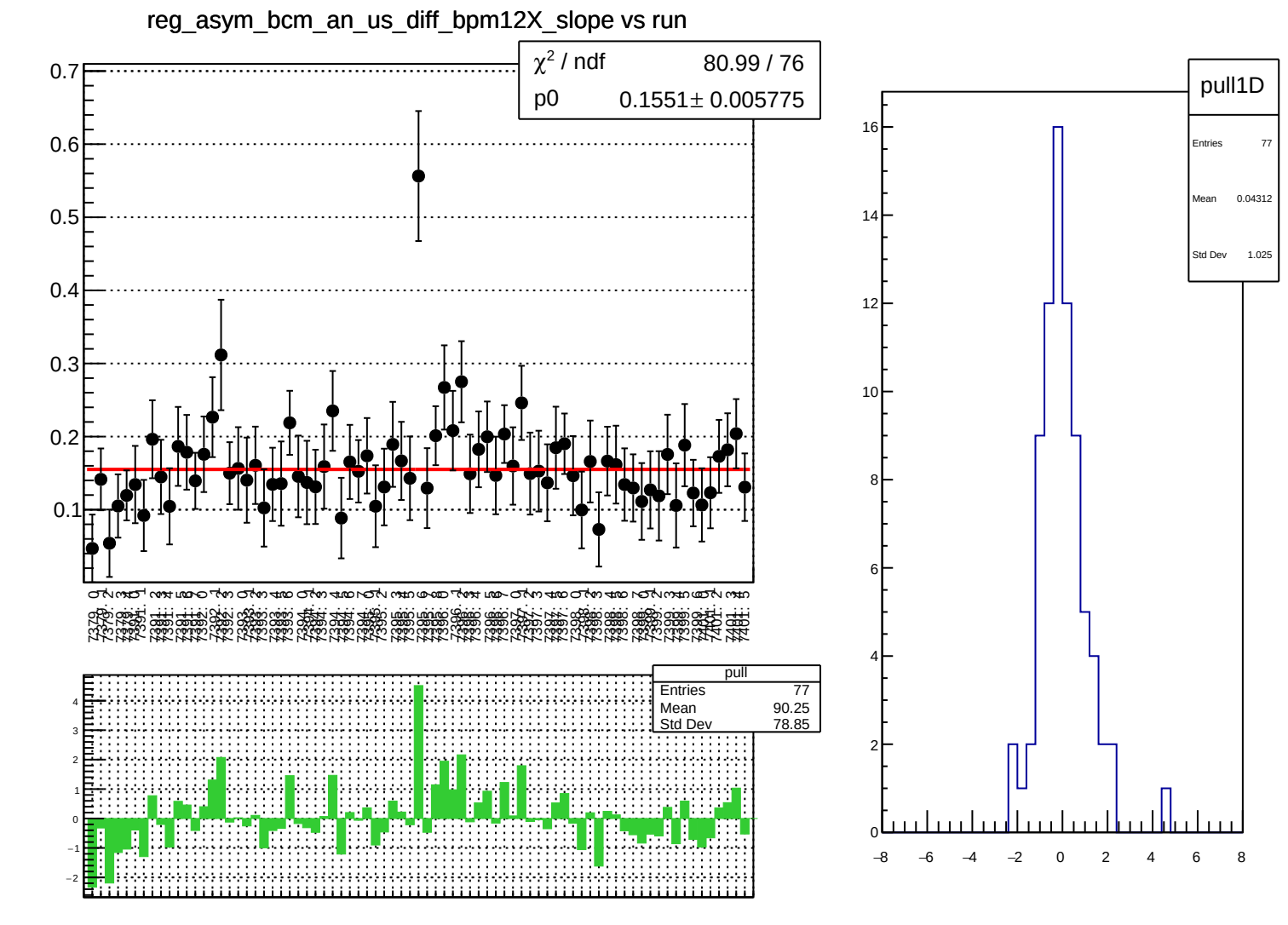

pull1D
Entries 77
Mean −0.08851
Std Dev 1.604

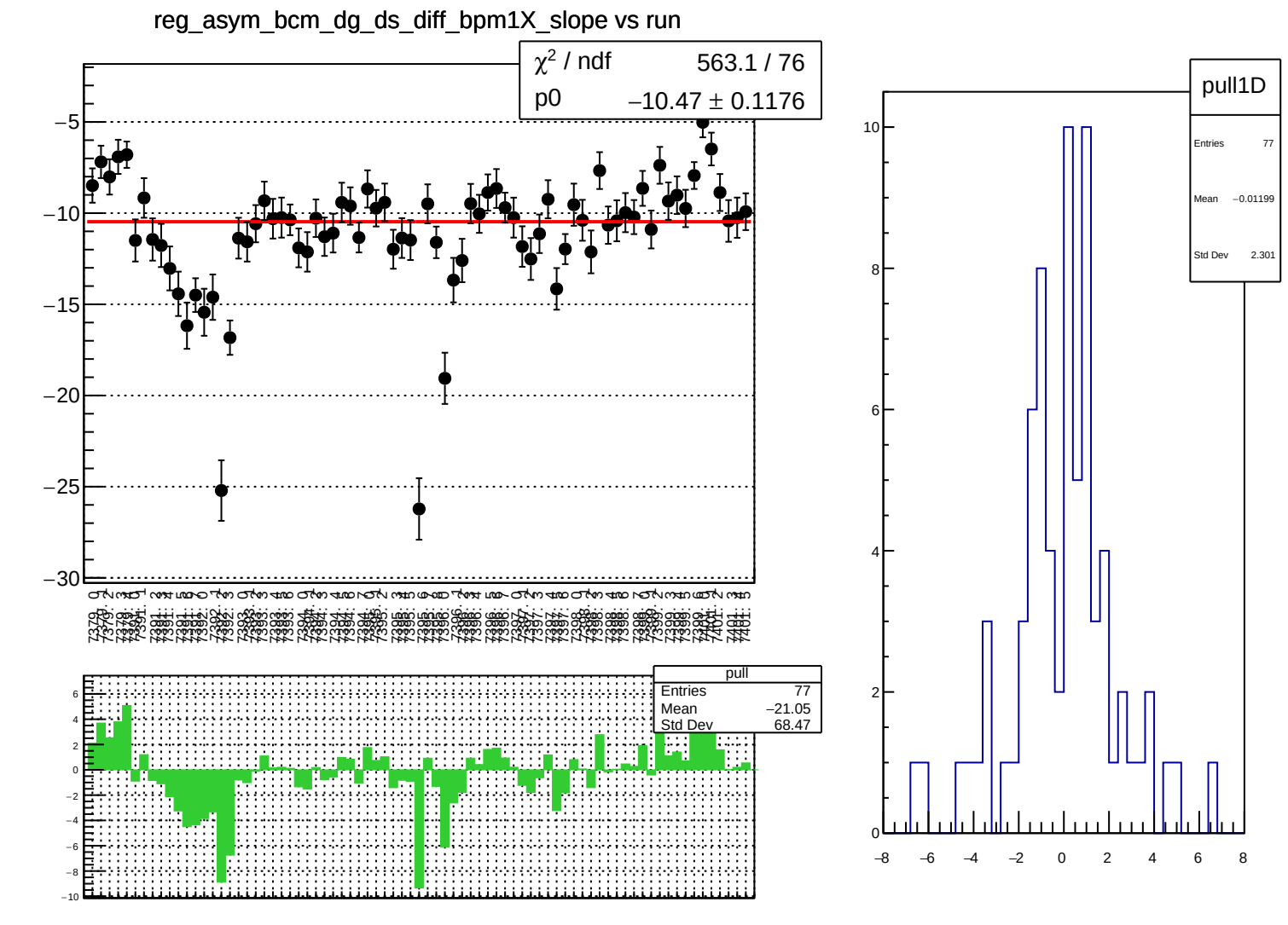

reg_asym_bcm_an_us_diff_bpm4eX_slope vs run
χ² / ndf 564.5 / 76
p0 10.36 ± 0.1186
pull
Entries 77
Mean −23.24
Std Dev 68.5

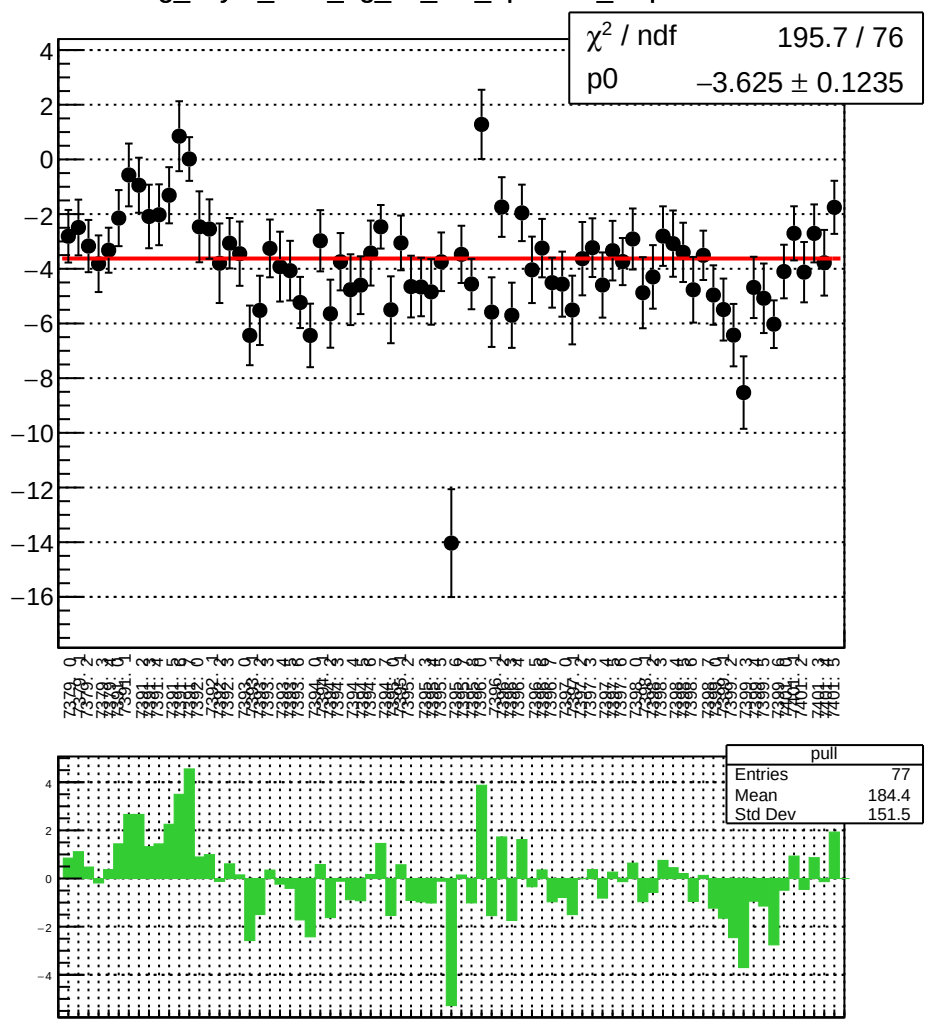

pull1D
Entries 77
Mean 0.01656
Std Dev 2.309

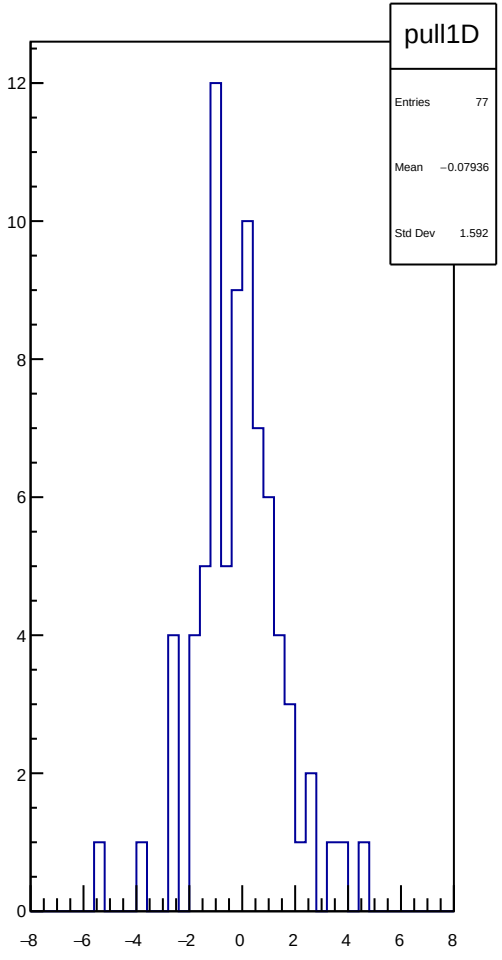

reg_asym_bcm_an_us_diff_bpm4eY_slope vs run
χ² / ndf 169.9 / 76
p0 3.28 ± 0.1278
pull
Entries 77
Mean 192.6
Std Dev 158.6

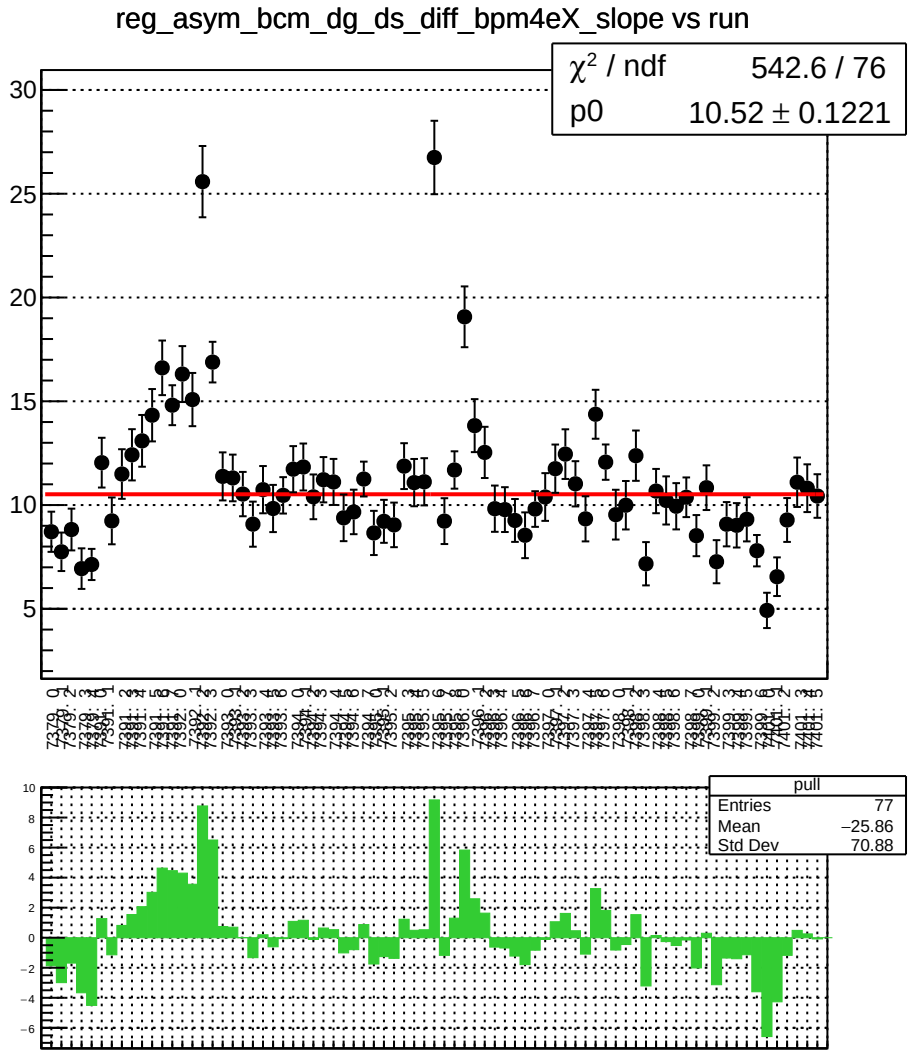

pull1D
Entries 77
Mean 0.0767
Std Dev 1.483

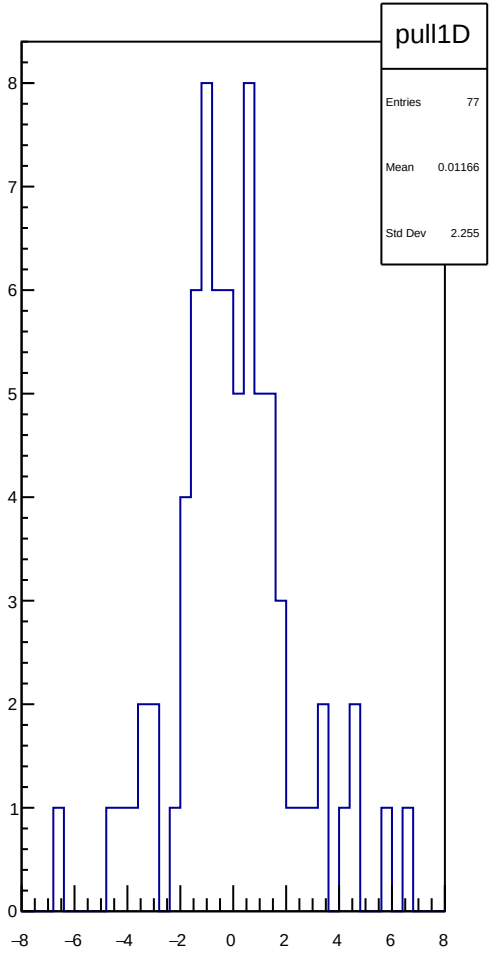

reg_asym_bcm_an_us_diff_bpm12X_slope vs run
χ² / ndf 80.99 / 76
p0 0.1551± 0.005775
pull
Entries 77
Mean 90.25
Std Dev 78.85
pull1D
Entries 77
Mean 0.04312
Std Dev 1.025

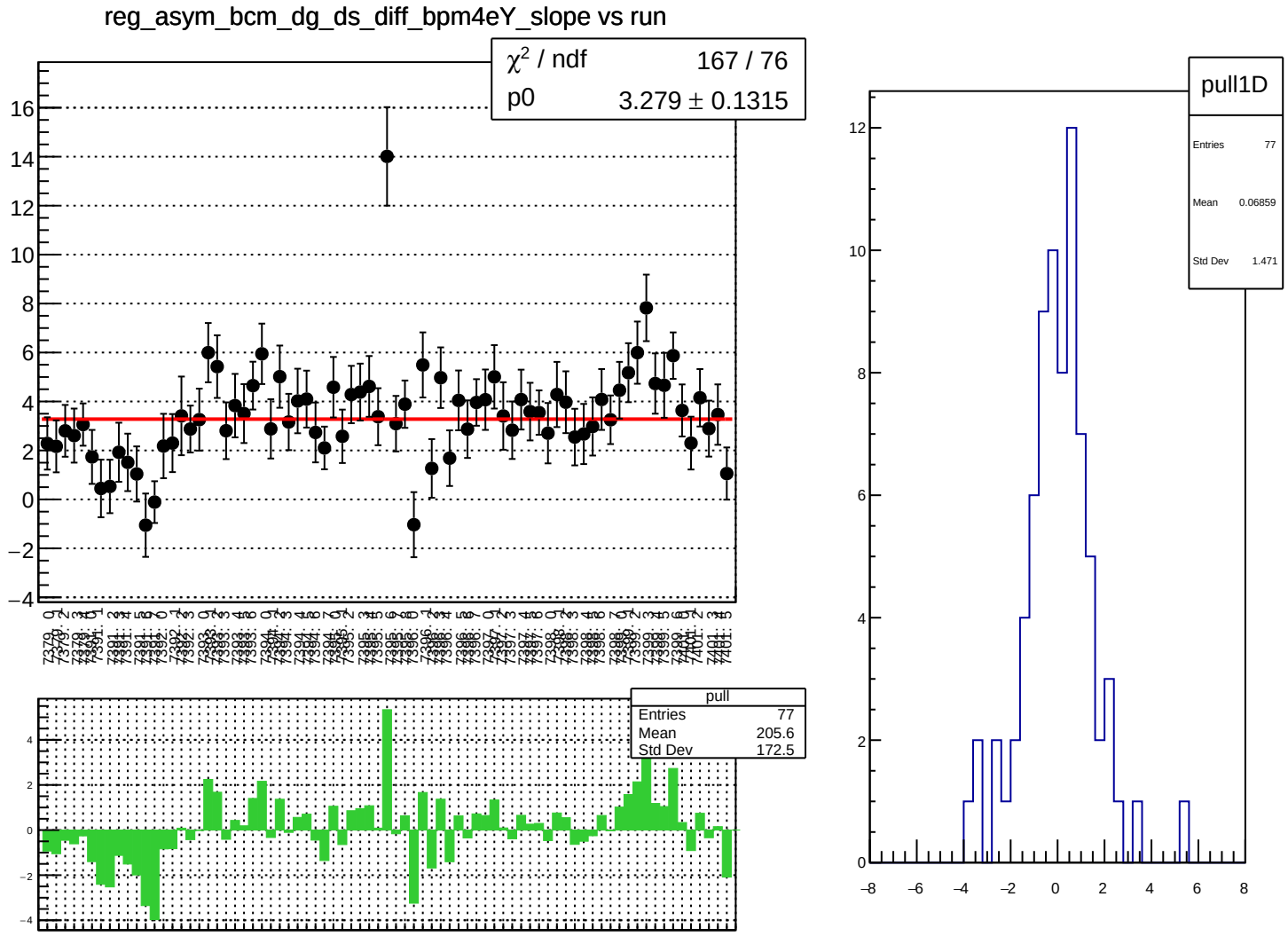

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs run
χ² / ndf 563.1 / 76
p0 −10.47 ± 0.1176
pull
Entries 77
Mean −21.05
Std Dev 68.47
pull1D
Entries 77
Mean −0.01199
Std Dev 2.301

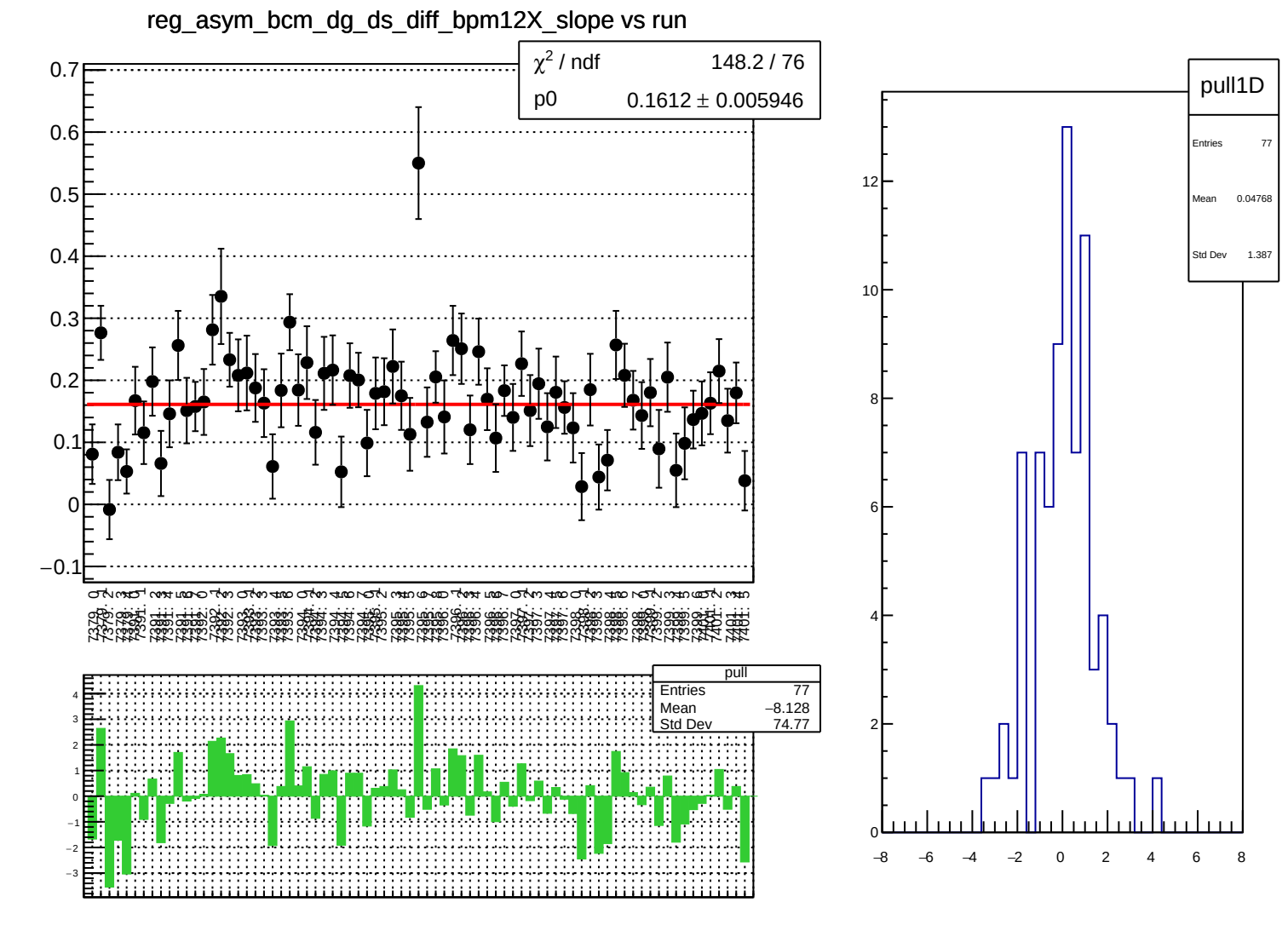

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs run
χ² / ndf 195.7 / 76
p0 −3.625 ± 0.1235
pull
Entries 77
Mean 184.4
Std Dev 151.5

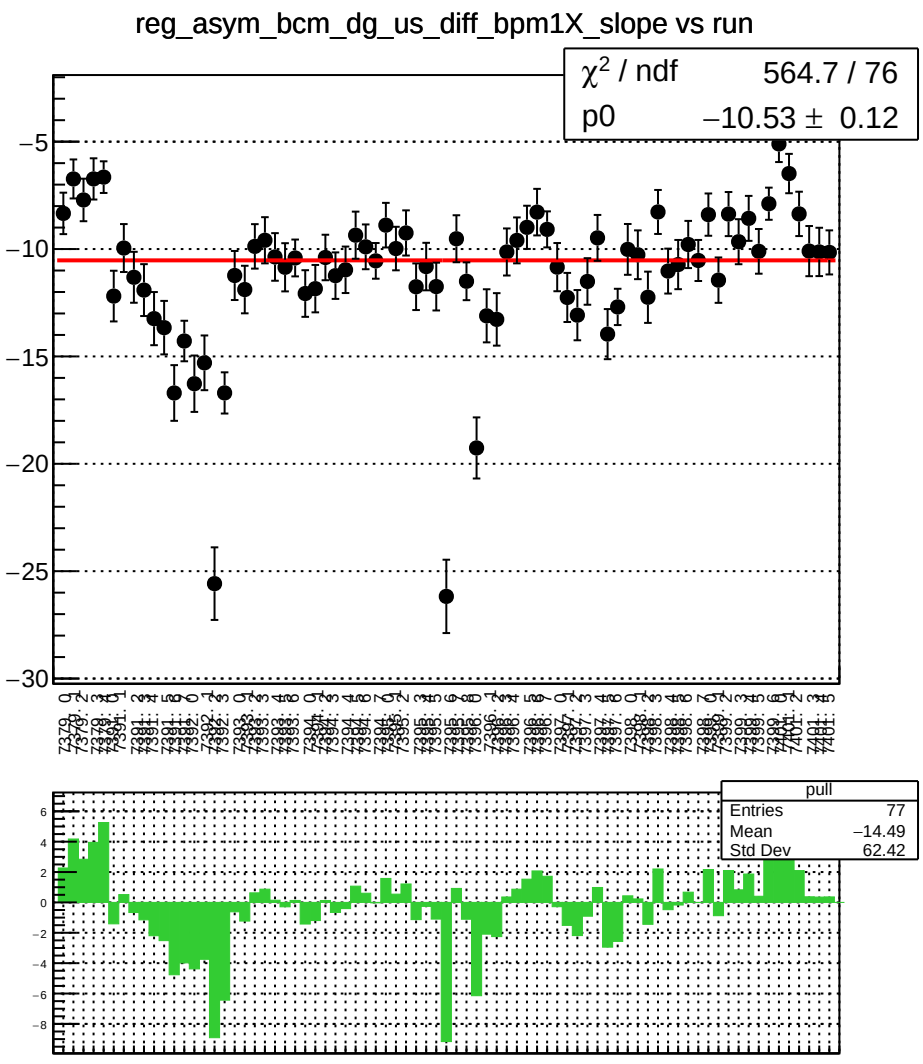

pull1D
Entries 77
Mean −0.07936
Std Dev 1.592

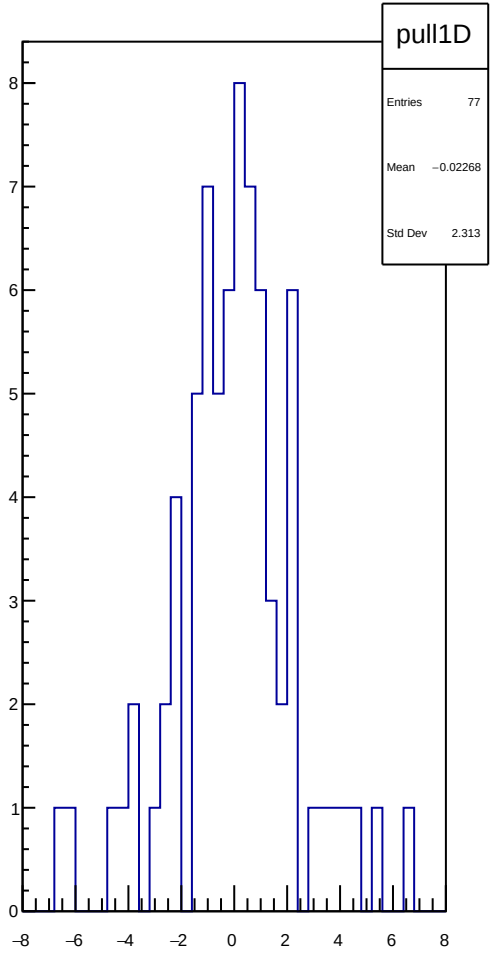

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs run
χ² / ndf 542.6 / 76
p0 10.52 ± 0.1221
pull
Entries 77
Mean −25.86
Std Dev 70.88

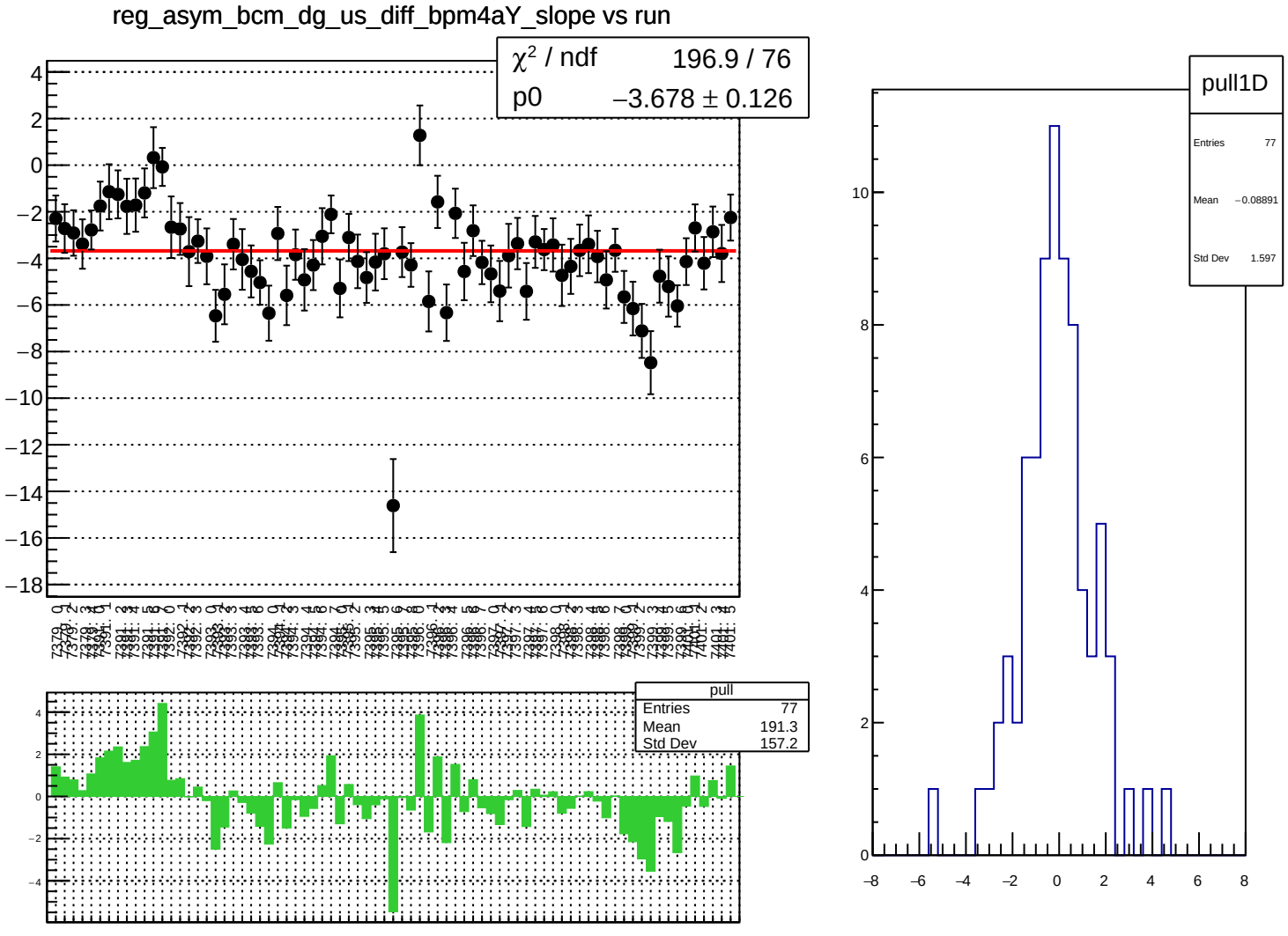

pull1D
Entries 77
Mean 0.01166
Std Dev 2.255

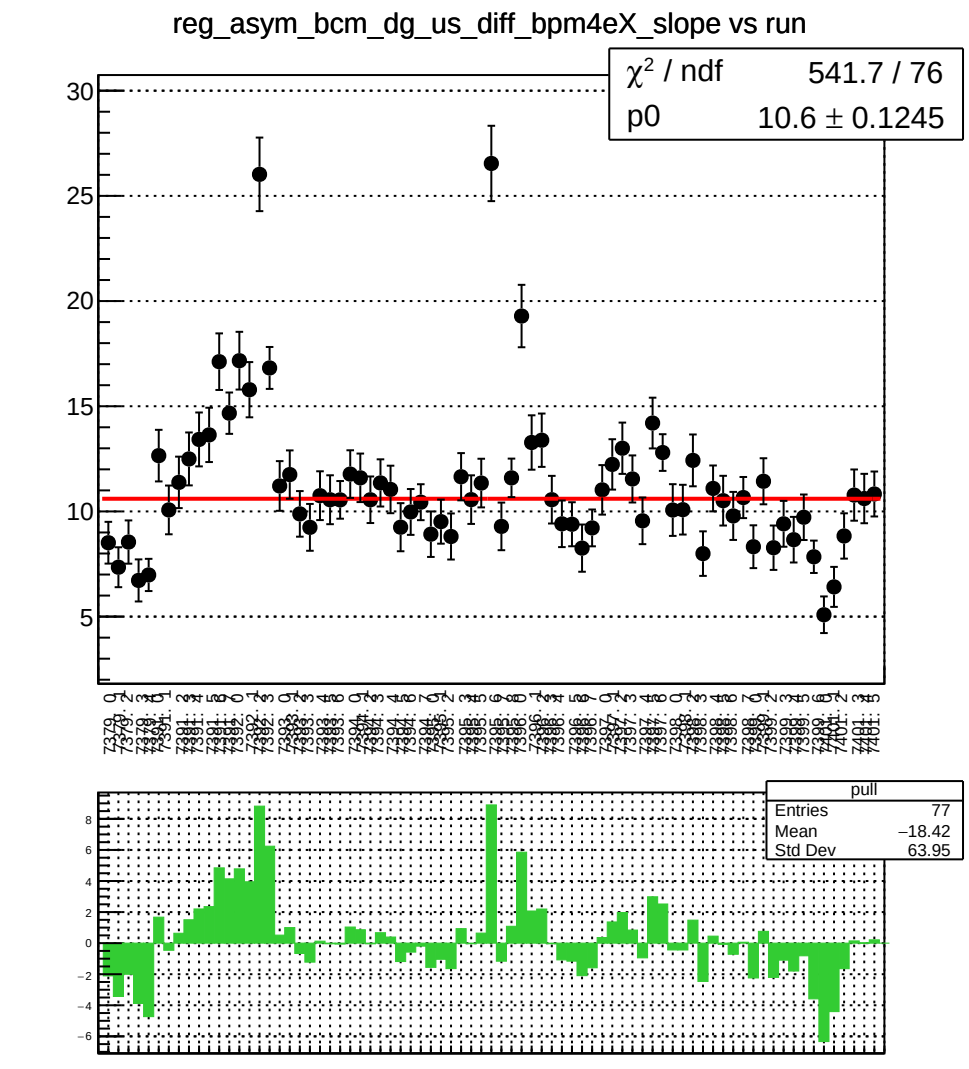

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs run
χ² / ndf 167 / 76
p0 3.279 ± 0.1315
pull
Entries 77
Mean 205.6
Std Dev 172.5
pull1D
Entries 77
Mean 0.06859
Std Dev 1.471

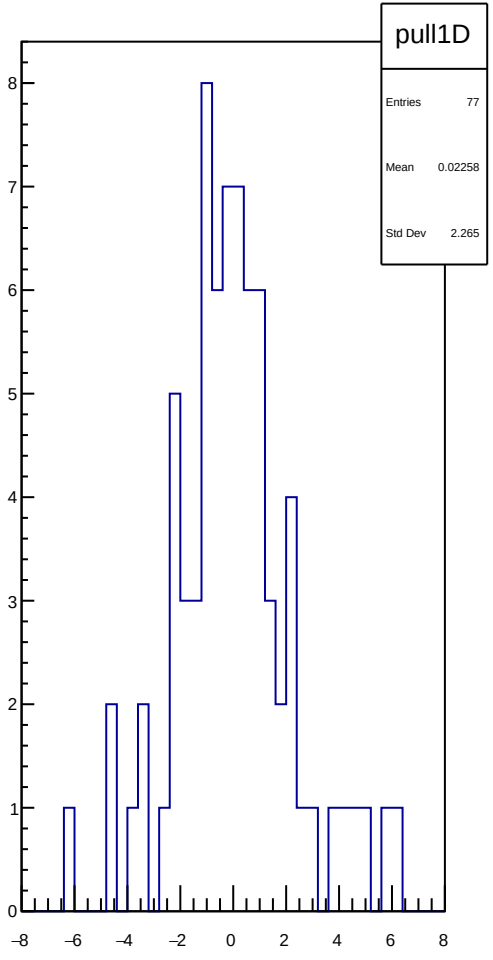

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs run
χ² / ndf 148.2 / 76
p0 0.1612 ± 0.005946
pull
Entries 77
Mean −8.128
Std Dev 74.77
pull1D
Entries 77
Mean 0.04768
Std Dev 1.387

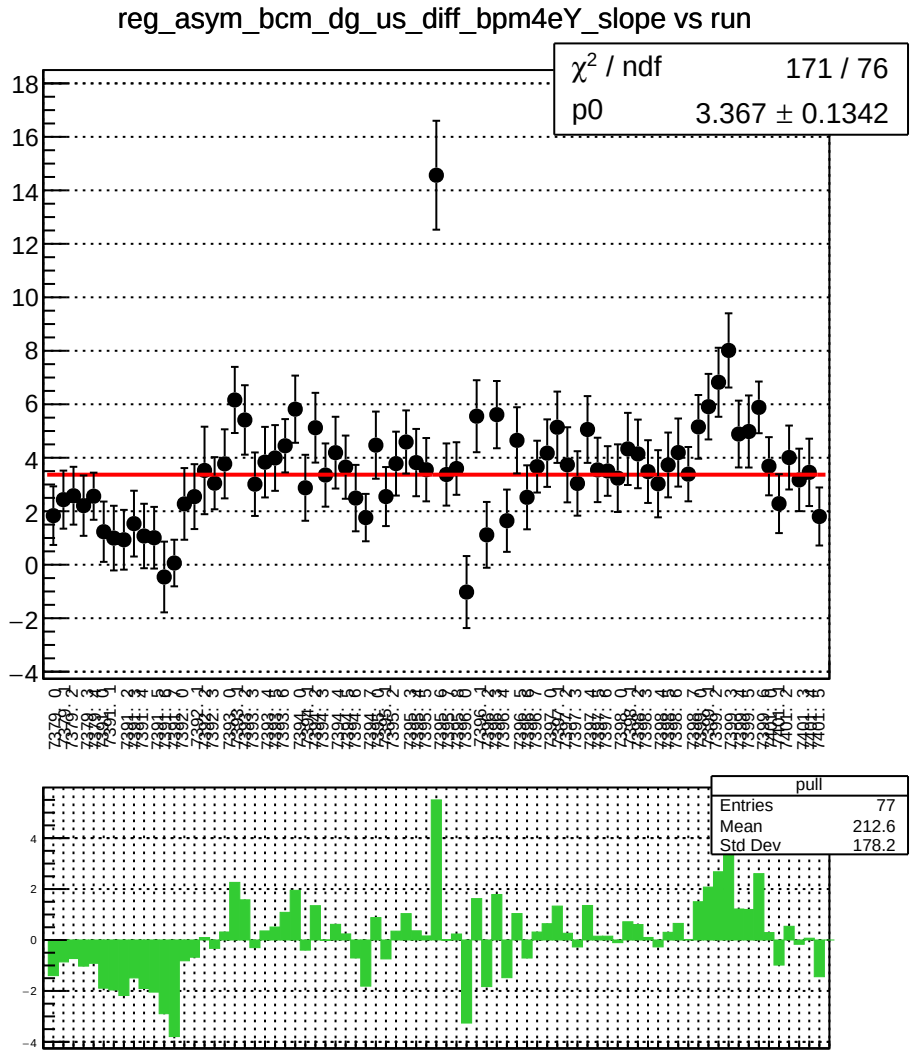

reg_asym_bcm_dg_us_diff_bpm1X_slope vs run
χ² / ndf 564.7 / 76
p0 −10.53 ± 0.12
pull
Entries 77
Mean −14.49
Std Dev 62.42

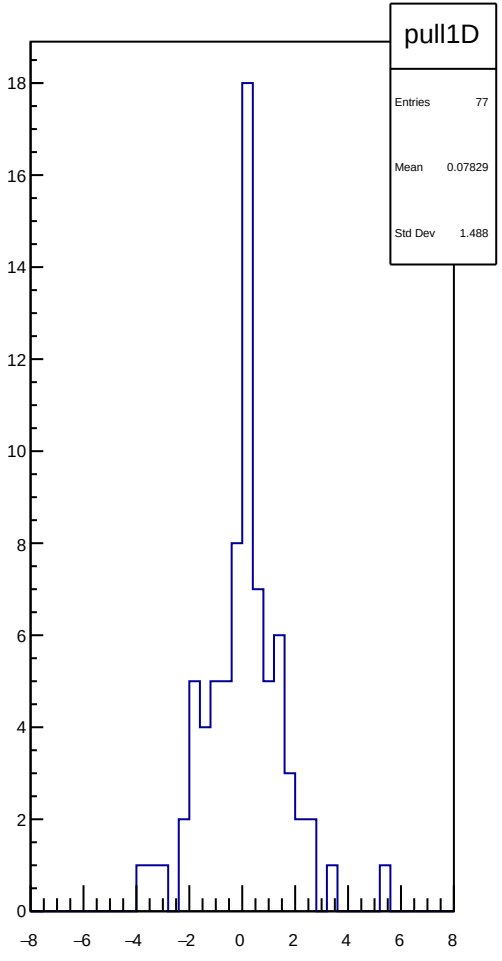

pull1D
Entries 77
Mean −0.02268
Std Dev 2.313

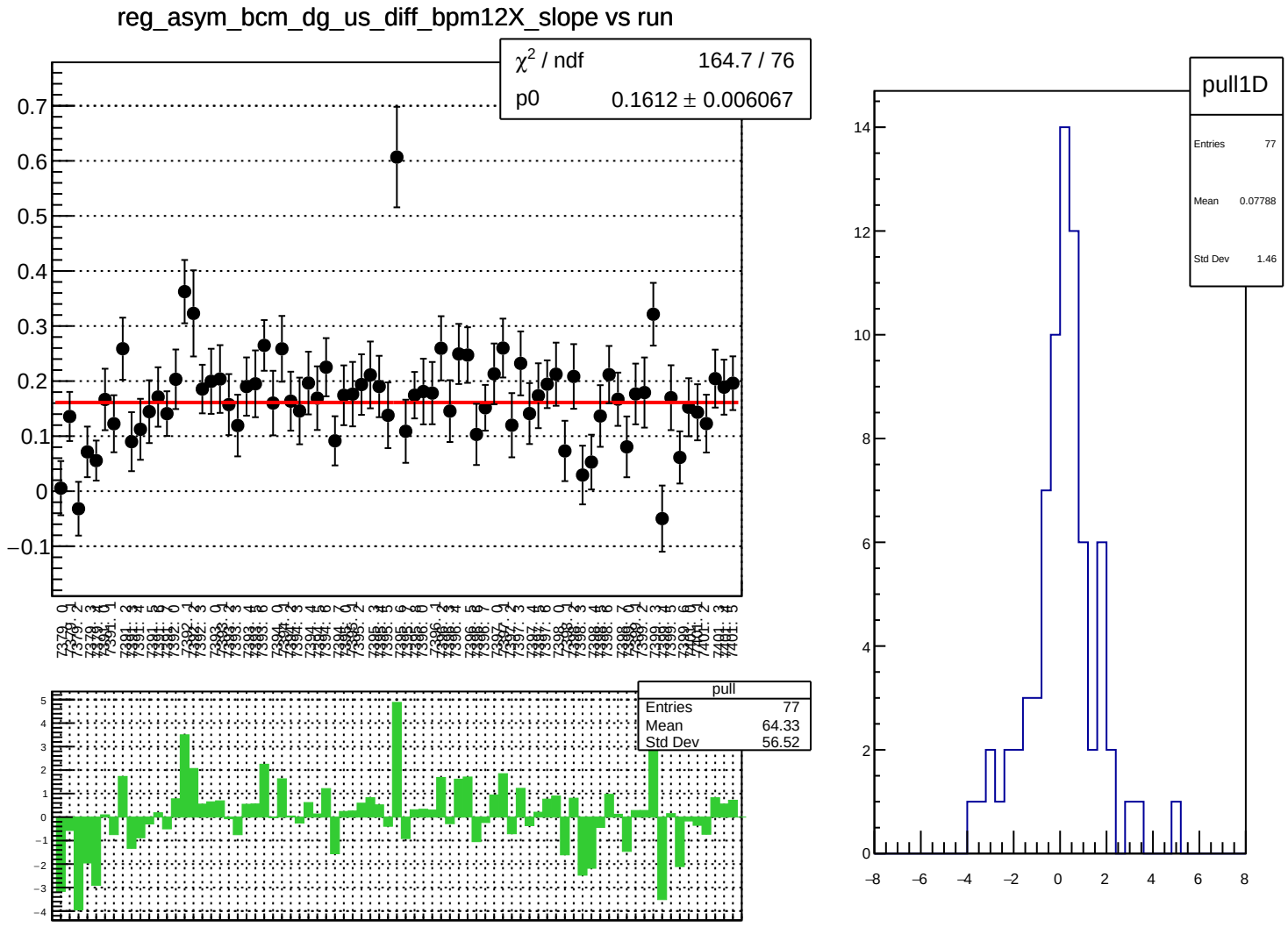

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs run
χ² / ndf 196.9 / 76
p0 −3.678 ± 0.126
pull
Entries 77
Mean 191.3
Std Dev 157.2
pull1D
Entries 77
Mean −0.08891
Std Dev 1.597


reg_asym_bcm_dg_us_diff_bpm4eX_slope vs run
χ² / ndf 541.7 / 76
p0 10.6 ± 0.1245
pull
Entries 77
Mean −18.42
Std Dev 63.95


pull1D
Entries 77
Mean 0.02258
Std Dev 2.265


reg_asym_bcm_dg_us_diff_bpm4eY_slope vs run
χ² / ndf 171 / 76
p0 3.367 ± 0.1342
pull
Entries 77
Mean 212.6
Std Dev 178.2


pull1D
Entries 77
Mean 0.07829
Std Dev 1.488


reg_asym_bcm_dg_us_diff_bpm12X_slope vs run
χ² / ndf 164.7 / 76
p0 0.1612 ± 0.006067
pull
Entries 77
Mean 64.33
Std Dev 56.52
pull1D
Entries 77
Mean 0.07788
Std Dev 1.46