dit_asym_us_avg_mean vs run
χ² / ndf 98.29 / 84
p0 −2022 ± 922.5
pull
Entries 85
Mean 323.2
Std Dev 285.7
pull1D
Entries 85
Mean 0.01355
Std Dev 1.075

dit_asym_us_avg_rms vs run
χ^2 / ndf 607.5 / 84
p0 847.7 ± 0.6523
940
920
900
880
860
840
820

asym_us_avg_correction_mean vs run
χ² / ndf 82.72 / 84
p0 375.9 ± 1585
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean 319.9
Std Dev 347.2
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.002621
Std Dev 0.9865
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_us_avg_correction_rms vs run

asym_us_avg_mean vs run
χ² / ndf 95.35 / 84
p0 −2412 ± 1793
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean 292.1
Std Dev 272.7
pull1D
Entries 85
Mean 0.01027
Std Dev 1.059

asym_us_avg_rms vs run
χ² / ndf 9689 / 84
p0 1643 ± 1.268
2000
1900
1800
1700
1600
1500
1400

dit_asym_us_dd_mean vs run
χ² / ndf 79.03 / 84
p0 1469 ± 886.5
pull
Entries 85
Mean 4967
Std Dev 4924
pull1D
Entries 85
Mean −0.0001856
Std Dev 0.9642

dit_asym_us_dd_rms vs run
χ^2 / ndf 100.9 / 84
p0 814.7 ± 0.6268
830
820
810
800
790

asym_us_dd_correction_mean vs run
χ² / ndf 98.75 / 84
p0 3997 ± 2010
80000
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 85
Mean 258.6
Std Dev 234.9
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.01241
Std Dev 1.078
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_us_dd_correction_rms vs run

asym_us_dd_mean vs run
χ² / ndf 84.05 / 84
p0 1365 ± 1012
pull
Entries 85
Mean 7191
Std Dev 7132
pull1D
Entries 85
Mean −0.0002533
Std Dev 0.9944

asym_us_dd_rms vs run
χ^2 / ndf 989.3 / 84
p0 929.9 ± 0.7157
1020
1000
980
960
940
920
900
880

dit_asym_usl_mean vs run
χ² / ndf 74.51 / 84
p0 −520.7 ± 1276
pull
Entries 85
Mean 290.6
Std Dev 255.1
pull1D
Entries 85
Mean 0.008349
Std Dev 0.9362

dit_asym_usl_rms vs run
χ² / ndf 239.1 / 84
p0 1173 ± 0.9022
1260
1240
1220
1200
1180
1160
1140

asym_usl_correction_mean vs run
χ² / ndf 82.88 / 84
p0 437.2 ± 1719
pull
Entries 85
Mean 170.5
Std Dev 409.9
pull1D
Entries 85
Mean −0.0009358
Std Dev 0.9874

asym_usl_correction_rms vs run
χ^2 / ndf 1.214e+04 / 84
p0 1574 ± 1.216
1900
1800
1700
1600
1500
1400
1300

asym_usl_mean vs run
χ² / ndf 85.72 / 84
p0 −994.3 ± 2107
80000
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 85
Mean 210.4
Std Dev 215.2
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.007538
Std Dev 1.004
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_usl_rms vs run
χ² / ndf 6645 / 84
p0 1933 ± 1.49
2200
2100
2000
1900
1800
1700

dit_asym_usr_mean vs run
χ^2 / ndf 103.7 / 84
p0 −3464 ± 1283
40000
20000
0
−20000
−40000
pull
Entries 85
Mean 426.3
Std Dev 387.8
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.008688
Std Dev 1.104
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_usr_rms vs run
χ² / ndf 335.3 / 84
p0 1179 ± 0.9073
1260
1240
1220
1200
1180
1160
1140

asym_usr_correction_mean vs run
χ² / ndf 88.4 / 84
p0 345.2 ± 1597
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean 288.2
Std Dev 272
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.005365
Std Dev 1.02
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_usr_correction_rms vs run

asym_usr_mean vs run
χ² / ndf 99.95 / 84
p0 −3968 ± 2014
pull
Entries 85
Mean 260.5
Std Dev 229.2
pull1D
Entries 85
Mean 0.01451
Std Dev 1.084

asym_usr_rms vs run
χ^2 / ndf 6584 / 84
p0 1847 ± 1.424
2200
2100
2000
1900
1800
1700
1600

dit_asym_at1_avg_mean vs run
χ² / ndf 100.8 / 84
p0 −2095 ± 2047
pull
Entries 85
Mean 1506
Std Dev 1485
pull1D
Entries 85
Mean −0.0008949
Std Dev 1.089

dit_asym_at1_avg_rms vs run

asym_at1_avg_correction_mean vs run
χ² / ndf 81.44 / 84
p0 362.3 ± 1169
pull
Entries 85
Mean 211.1
Std Dev 268
pull1D
Entries 85
Mean −0.002814
Std Dev 0.9788

asym_at1_avg_correction_rms vs run

asym_at1_avg_mean vs run
×10^3
χ^2 / ndf 98.66 / 84
p0 −2672 ± 2347
pull
Entries 85
Mean −119.1
Std Dev 165.9

pull1D
Entries 85
Mean 0.006418
Std Dev 1.077

asym_at1_avg_rms vs run
χ² / ndf 1698 / 84
p0 2156 ± 1.66
2450
2400
2350
2300
2250
2200
2150
2100
2050

dit_asym_at1_dd_mean vs run
χ² / ndf 68.69 / 84
p0 2767 ± 2037
pull
Entries 85
Mean 225.3
Std Dev 177.2
pull1D
Entries 85
Mean 0.01576
Std Dev 0.8988

dit_asym_at1_dd_rms vs run
χ² / ndf 67.59 / 84
p0 1872 ± 1.441
1920
1900
1880
1860
1840

asym_at1_dd_correction_mean vs run
χ² / ndf 118.3 / 84
p0 77.04 ± 437.7
pull
Entries 85
Mean 281.6
Std Dev 219.4
pull1D
Entries 85
Mean −0.00956
Std Dev 1.18

asym_at1_dd_correction_rms vs run

asym_at1_dd_mean vs run
χ² / ndf 76.62 / 84
p0 2696 ± 2085
pull
Entries 85
Mean 231.8
Std Dev 181.4
pull1D
Entries 85
Mean 0.01721
Std Dev 0.9492

asym_at1_dd_rms vs run
χ2 / ndf 79.15 / 84
p0 1916 ± 1.474
1960
1950
1940
1930
1920
1910
1900
1890
1880
1870

dit_asym_at2_avg_mean vs run
×10^3
χ^2 / ndf 83.85 / 84
p0 −4928 ± 2683
pull
Entries 85
Mean −45.05
Std Dev 133

pull1D
Entries 85
Mean −0.008521
Std Dev 0.9932

dit_asym_at2_avg_rms vs run
χ² / ndf 3563 / 84
p0 2463 ± 1.897
3100
3000
2900
2800
2700
2600
2500
2400
2300

asym_at2_avg_correction_mean vs run
×10^3
χ^2 / ndf 82.73 / 84
p0 2248 ± 9736
pull
Entries 85
Mean 325.8
Std Dev 351.2
pull1D
Entries 85
Mean −0.002632
Std Dev 0.9866

asym_at2_avg_correction_rms vs run
χ^2 / ndf 1.333e+04 / 84
p0 8913 ± 6.885
11000
10500
10000
9500
9000
8500
8000
7500

asym_at2_avg_mean vs run
×10^3
χ² / ndf 92.36 / 84
p0 −8019 ± 9790
pull
Entries 85
Mean 221.3
Std Dev 223.7

pull1D
Entries 85
Mean 0.004943
Std Dev 1.042

asym_at2_avg_rms vs run
χ^2 / ndf 1.289e+04 / 84
p0 8964 ± 6.923
11000
10500
10000
9500
9000
8500
8000
7500

dit_asym_at2_dd_mean vs run
χ² / ndf 97.75 / 84
p0 723.2 ± 2208
pull
Entries 85
Mean −483.7
Std Dev 523.4
pull1D
Entries 85
Mean −0.008422
Std Dev 1.072

dit_asym_at2_dd_rms vs run
χ2 / ndf 146.8 / 84
p0 2030 ± 1.562
2120
2100
2080
2060
2040
2020
2000
1980

asym_at2_dd_correction_mean vs run
×10^3
χ^2 / ndf 103.5 / 84
p0 1069 ± 4532
pull
Entries 85
Mean −589.9
Std Dev 624.6

pull1D
Entries 85
Mean −0.006359
Std Dev 1.103

asym_at2_dd_correction_rms vs run

asym_at2_dd_mean vs run
×10^3
χ² / ndf 107.5 / 84
p0 −387.5 ± 2443
pull
Entries 85
Mean −640.1
Std Dev 668.8

pull1D
Entries 85
Mean 0.005028
Std Dev 1.125

asym_at2_dd_rms vs run
χ² / ndf 659 / 84
p0 2245 ± 1.727
2400
2350
2300
2250
2200
2150

dit_asym_atl_avg_mean vs run
χ² / ndf 87.83 / 84
p0 −1843 ± 2320
80000
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean −3357
Std Dev 3411
3
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.0009571
Std Dev 1.017
14
12
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 1270 / 84
p0 2131 ± 1.64
2400
2350
2300
2250
2200
2150
2100
2050

asym_atl_avg_correction_mean vs run
χ^2 / ndf 82.43 / 84
p0 1438 ± 5896
×10^3
pull
Entries 85
Mean 314.6
Std Dev 349.2
pull1D
Entries 85
Mean −0.00245
Std Dev 0.9848

asym_atl_avg_correction_rms vs run

asym_atl_avg_mean vs run
×10^3
χ² / ndf 94.53 / 84
p0 −3815 ± 6172
200
100
0
−100
−200
pull
Entries 85
Mean 278.9
Std Dev 259.9
3
2
1
0
−1
−2
−3

pull1D
Entries 85
Mean 0.007238
Std Dev 1.055
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_atl_avg_rms vs run

dit_asym_atl_dd_mean vs run
χ² / ndf 79.09 / 84
p0 2566 ± 2226
80000
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean −98.28
Std Dev 141.4
3
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.01329
Std Dev 0.9645
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_atl_dd_rms vs run
χ² / ndf 513.6 / 84
p0 2045 ± 1.574
2250
2200
2150
2100
2050
2000

asym_atl_dd_correction_mean vs run
×10^3
χ^2 / ndf 81.91 / 84
p0 −1015 ± 4650
pull
Entries 85
Mean 326.6
Std Dev 387.4
pull1D
Entries 85
Mean 0.001817
Std Dev 0.9817

asym_atl_dd_correction_rms vs run

asym_atl_dd_mean vs run
×10^3
χ² / ndf 96.45 / 84
p0 3496 ± 5013
pull
Entries 85
Mean −222.3
Std Dev 206.7

pull1D
Entries 85
Mean 0.004353
Std Dev 1.065

asym_atl_dd_rms vs run

dit_asym_atr_avg_mean vs run
χ² / ndf 99.64 / 84
p0 −5343 ± 2285
80000
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 85
Mean 584.8
Std Dev 552.5
3
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.006695
Std Dev 1.083
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_atr_avg_rms vs run
χ2 / ndf 818.2 / 84
p0 2099 ± 1.616
2300
2250
2200
2150
2100
2050

asym_atr_avg_correction_mean vs run
×10^3
χ^2 / ndf 82.77 / 84
p0 1175 ± 5006
pull
Entries 85
Mean 308.7
Std Dev 330
pull1D
Entries 85
Mean −0.002915
Std Dev 0.9868

asym_atr_avg_correction_rms vs run

asym_atr_avg_mean vs run
×10^3
χ² / ndf 91.66 / 84
p0 −7149 ± 5354
pull
Entries 85
Mean −81.97
Std Dev 161.4

pull1D
Entries 85
Mean 0.006452
Std Dev 1.038

asym_atr_avg_rms vs run

dit_asym_atr_dd_mean vs run
χ² / ndf 80.9 / 84
p0 414.7 ± 2212
pull
Entries 85
Mean 57.63
Std Dev 84.36
pull1D
Entries 85
Mean −0.007276
Std Dev 0.9756

dit_asym_atr_dd_rms vs run

asym_atr_dd_correction_mean vs run
×10^3
χ² / ndf 85.46 / 84
p0 −887.1± 4005
pull
Entries 85
Mean 331.4
Std Dev 329.4

pull1D
Entries 85
Mean 0.003726
Std Dev 1.003

asym_atr_dd_correction_rms vs run

asym_atr_dd_mean vs run
×10^3
χ^2 / ndf 86.99 / 84
p0 1969 ± 4477
pull
Entries 85
Mean 111.3
Std Dev 91.77

pull1D
Entries 85
Mean −0.01469
Std Dev 1.012

asym_atr_dd_rms vs run

dit_asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 95.12 / 84
p0 −3558 ± 1736
pull
Entries 85
Mean 70.95
Std Dev 129.7
pull1D
Entries 85
Mean −0.006237
Std Dev 1.058

dit_asym_atl_avg_atr_avg_avg_rms vs run

asym_atl_avg_atr_avg_avg_correction_mean vs run
×10^3
χ² / ndf 82.56 / 84
p0 1306 ± 5449
pull
Entries 85
Mean 312.2
Std Dev 340.2

pull1D
Entries 85
Mean −0.002659
Std Dev 0.9856

asym_atl_avg_atr_avg_avg_correction_rms vs run
χ² / ndf 1.327e+04 / 84
p0 4988 ± 3.853
6200
6000
5800
5600
5400
5200
5000
4800
4600
4400
4200

asym_atl_avg_atr_avg_avg_mean vs run
×10^3
χ² / ndf 93.27 / 84
p0 −5422 ± 5552
pull
Entries 85
Mean 134
Std Dev 144.5

pull1D
Entries 85
Mean 0.006434
Std Dev 1.048

asym_atl_avg_atr_avg_avg_rms vs run

dit_asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 93.18 / 84
p0 1764 ± 1510
40000
20000
0
−20000
−40000
pull
Entries 85
Mean 1384
Std Dev 1341
pull1D
Entries 85
Mean 0.003869
Std Dev 1.047

dit_asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 104.3 / 84
p0 1388 ± 1.068
1440
1420
1400
1380
1360
1340

asym_atl_avg_atr_avg_dd_correction_mean vs run
χ² / ndf 84 / 84
p0 137.6 ± 470.3
pull
Entries 85
Mean 122.2
Std Dev 487.7
pull1D
Entries 85
Mean −0.0006215
Std Dev 0.9941

asym_atl_avg_atr_avg_dd_correction_rms vs run
χ^2 / ndf 1.215e+04 / 84
p0 430.7 ± 0.3325
540
520
500
480
460
440
420
400
380
360

asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 95.03 / 84
p0 1520 ± 1582
pull
Entries 85
Mean 633.6
Std Dev 594.9
pull1D
Entries 85
Mean 0.00817
Std Dev 1.057

asym_atl_avg_atr_avg_dd_rms vs run
χ2 / ndf 237.9 / 84
p0 1454 ± 1.118
1520
1500
1480
1460
1440
1420
1400

dit_asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 83.83 / 84
p0 1449 ± 1640
pull
Entries 85
Mean −215.6
Std Dev 271.1
pull1D
Entries 85
Mean 0.005252
Std Dev 0.9931

dit_asym_atl_dd_atr_dd_avg_rms vs run

asym_atl_dd_atr_dd_avg_correction_mean vs run
×10^3
χ² / ndf 82.95 / 84
p0 −942.2 ± 4288
pull
Entries 85
Mean 343.6
Std Dev 365.8

pull1D
Entries 85
Mean 0.002597
Std Dev 0.9879

asym_atl_dd_atr_dd_avg_correction_rms vs run
χ^2 / ndf 1.339e+04 / 84
p0 3925 ± 3.032
5000
4800
4600
4400
4200
4000
3800
3600
3400
3200

asym_atl_dd_atr_dd_avg_mean vs run
×10^3
χ² / ndf 92.46 / 84
p0 2672 ± 4460
pull
Entries 85
Mean 339
Std Dev 334.3

pull1D
Entries 85
Mean −0.00399
Std Dev 1.043

asym_atl_dd_atr_dd_avg_rms vs run

dit_asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 75.3 / 84
p0 1018 ± 1494
40000
20000
0
−20000
−40000
pull
Entries 85
Mean −33.42
Std Dev 58.84
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
pull1D
Entries 85
Mean 0.01723
Std Dev 0.9411
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

asym_atl_dd_atr_dd_dd_correction_mean vs run
χ² / ndf 103.7 / 84
p0 −100.7 ± 662.7
pull
Entries 85
Mean 687.7
Std Dev 589.5
pull1D
Entries 85
Mean −0.002261
Std Dev 1.105

asym_atl_dd_atr_dd_dd_correction_rms vs run
χ² / ndf 1.296e+04 / 84
p0 606.7 ± 0.4686
800
750
700
650
600
550
500

asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 94.42 / 84
p0 1148 ± 1630
pull
Entries 85
Mean 9.737
Std Dev 75.04
pull1D
Entries 85
Mean 0.01515
Std Dev 1.054

asym_atl_dd_atr_dd_dd_rms vs run

dit_asym_atl1_mean vs run
χ^2 / ndf 72.22 / 84
p0 675.8 ± 2712
×10^3
pull
Entries 85
Mean 148.8
Std Dev 72.57

pull1D
Entries 85
Mean 0.01109
Std Dev 0.9217

dit_asym_atl1_rms vs run
χ² / ndf 99.44 / 84
p0 2493 ± 1.918
2600
2580
2560
2540
2520
2500
2480
2460
2440
2420

asym_atl1_correction_mean vs run
χ² / ndf 87.41 / 84
p0 440.2 ± 1329
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean 257
Std Dev 246.2
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.005386
Std Dev 1.014
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_atl1_correction_rms vs run
χ^2 / ndf 1.42e+04 / 84
p0 1217 ± 0.9399
1500
1400
1300
1200
1100
1000

asym_atl1_mean vs run
×10^3
χ² / ndf 75.43 / 84
p0 −127.4 ± 3020
pull
Entries 85
Mean 114.4
Std Dev 60.75

pull1D
Entries 85
Mean 0.01942
Std Dev 0.9418

asym_atl1_rms vs run
χ² / ndf 1038 / 84
p0 2774 ± 2.135
3050
3000
2950
2900
2850
2800
2750
2700
2650
2600

dit_asym_atl2_mean vs run
×10^3
χ² / ndf 90.35 / 84
p0 −4382 ± 3647
pull
Entries 85
Mean −315.5
Std Dev 365.7

pull1D
Entries 85
Mean −0.00899
Std Dev 1.031

dit_asym_atl2_rms vs run
χ² / ndf 1682 / 84
p0 3351 ± 2.579
3900
3800
3700
3600
3500
3400
3300
3200

asym_atl2_correction_mean vs run
×10^3
χ² / ndf 82.15 / 84
p0 2450 ± 1.054e+04
pull
Entries 85
Mean 320.9
Std Dev 365.6

pull1D
Entries 85
Mean −0.002158
Std Dev 0.9831

asym_atl2_correction_rms vs run

asym_atl2_mean vs run
×10^3
χ² / ndf 96.69 / 84
p0 −7122 ± 1.083e+04
pull
Entries 85
Mean 1408
Std Dev 1399

pull1D
Entries 85
Mean 0.001116
Std Dev 1.067

asym_atl2_rms vs run
χ2 / ndf 1.16e+04 / 84
p0 9917 ± 7.656
12000
11500
11000
10500
10000
9500
9000
8500

dit_asym_atr1_mean vs run
×10^3
χ² / ndf 93.99 / 84
p0 −4833 ± 3054
pull
Entries 85
Mean 283
Std Dev 243.5
pull1D
Entries 85
Mean −0.01159
Std Dev 1.052

dit_asym_atr1_rms vs run
χ² / ndf 90.11 / 84
p0 2807 ± 2.16
2920
2900
2880
2860
2840
2820
2800
2780
2760
2740

asym_atr1_correction_mean vs run
χ² / ndf 84.04 / 84
p0 311 ± 1162
pull
Entries 85
Mean −376.7
Std Dev 593.5
pull1D
Entries 85
Mean −0.000874
Std Dev 0.9943

asym_atr1_correction_rms vs run

asym_atr1_mean vs run
×10^3
χ² / ndf 99.13 / 84
p0 −5235 ± 3257
pull
Entries 85
Mean 376.9
Std Dev 327.4

pull1D
Entries 85
Mean −0.0085
Std Dev 1.08

asym_atr1_rms vs run
χ² / ndf 411.9 / 84
p0 2993 ± 2.303
3200
3150
3100
3050
3000
2950
2900

dit_asym_atr2_mean vs run
×10^3
χ² / ndf 87.96 / 84
p0 −5653 ± 3300
pull
Entries 85
Mean 1947
Std Dev 1922

pull1D
Entries 85
Mean −0.001267
Std Dev 1.017

dit_asym_atr2_rms vs run
χ² / ndf 1508 / 84
p0 3031 ± 2.333
3500
3400
3300
3200
3100
3000
2900

asym_atr2_correction_mean vs run
×10^3
χ^2 / ndf 83.82 / 84
p0 2059 ± 8992
pull
Entries 85
Mean 322.4
Std Dev 331.8

pull1D
Entries 85
Mean −0.003256
Std Dev 0.993

asym_atr2_correction_rms vs run

asym_atr2_mean vs run
×10^3
χ² / ndf 88.24 / 84
p0 −9093 ± 9308
pull
Entries 85
Mean 47.72
Std Dev 79.98

pull1D
Entries 85
Mean 0.01034
Std Dev 1.019

asym_atr2_rms vs run
χ² / ndf 1.189e+04 / 84
p0 8525 ± 6.582
10500
10000
9500
9000
8500
8000
7500
7000

dit_asym_sam1_mean vs run
χ² / ndf 75.98 / 84
p0 173.1 ± 89.36
pull
Entries 85
Mean −79.37
Std Dev 99.7

pull1D
Entries 85
Mean −0.01677
Std Dev 0.9453

dit_asym_sam1_rms vs run
χ² / ndf 6015 / 84
p0 81.99 ± 0.06319
90
85
80
75
70

asym_sam1_correction_mean vs run
χ² / ndf 99.13 / 84
p0 −16.59 ± 348.5
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 265.7
Std Dev 224.5
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.008294
Std Dev 1.08
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam1_correction_rms vs run

asym_sam1_mean vs run
χ^2 / ndf 102.1 / 84
p0 176.7 ± 358.7
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 167
Std Dev 117.6
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.01017
Std Dev 1.096
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam1_rms vs run
χ^2 / ndf 2228 / 84
p0 329.4 ± 0.2536
370
360
350
340
330
320
310
300

dit_asym_sam2_mean vs run
χ² / ndf 71.51 / 84
p0 297.9 ± 344.9
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 75.14
Std Dev 115.1
3
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.01028
Std Dev 0.9172
24
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_sam2_rms vs run

asym_sam2_correction_mean vs run
×10^3
χ² / ndf 117.3 / 84
p0 269.5 ± 2220
pull
Entries 85
Mean 330.5
Std Dev 274.9

pull1D
Entries 85
Mean 0.008866
Std Dev 1.175

asym_sam2_correction_rms vs run

asym_sam2_mean vs run
×10^3
χ² / ndf 119.1 / 84
p0 −29.48 ± 2216
pull
Entries 85
Mean 325.7
Std Dev 265.8

pull1D
Entries 85
Mean −0.009136
Std Dev 1.184

asym_sam2_rms vs run

dit_asym_sam3_mean vs run
χ² / ndf 94.87 / 84
p0 167.1 ± 127.3
6000
4000
2000
0
−2000
−4000
pull
Entries 85
Mean 280.7
Std Dev 266.6
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.006313
Std Dev 1.056
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_sam3_rms vs run
χ^2 / ndf 6.98e+04 / 84
p0 114.6 ± 0.09003
220
200
180
160
140
120
100
80

asym_sam3_correction_mean vs run
χ² / ndf 114.7 / 84
p0 −120.2 ± 984.5
pull
Entries 85
Mean 316.9
Std Dev 247.9
pull1D
Entries 85
Mean 0.007258
Std Dev 1.162

asym_sam3_correction_rms vs run

asym_sam3_mean vs run
χ² / ndf 113.1 / 84
p0 268.5 ± 1014
40000
20000
0
−20000
−40000
pull
Entries 85
Mean 398.1
Std Dev 322.5
pull1D
Entries 85
Mean −0.00483
Std Dev 1.153

asym_sam3_rms vs run
χ^2 / ndf 2.307e+04 / 84
p0 925.4 ± 0.7168
1300
1200
1100
1000
900
800

dit_asym_sam4_mean vs run
χ² / ndf 80.48 / 84
p0 −27.31 ± 332.1
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 237.5
Std Dev 195.7
pull1D
Entries 85
Mean 0.008703
Std Dev 0.973

dit_asym_sam4_rms vs run

asym_sam4_correction_mean vs run
χ² / ndf 91.53 / 84
p0 −252.4 ± 2144
80000
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 85
Mean −35.2
Std Dev 190.2
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.00265
Std Dev 1.038
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam4_correction_rms vs run

asym_sam4_mean vs run
χ² / ndf 92.96 / 84
p0 239.2 ± 2119
80000
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 85
Mean 57.82
Std Dev 147.9
3
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.003806
Std Dev 1.046
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam4_rms vs run
χ2 / ndf 7088 / 84
p0 1944 ± 1.498
2500
2400
2300
2200
2100
2000
1900
1800
1700

dit_asym_sam5_mean vs run
χ² / ndf 65.08 / 84
p0 −156.5 ± 164.8
4000
2000
0
−2000
−4000
−6000
pull
Entries 85
Mean −1159
Std Dev 1226
1.5
1
0.5
0
−0.5
−1
−1.5
−2
pull1D
Entries 85
Mean −0.001669
Std Dev 0.875
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_sam5_rms vs run
χ² / ndf 1556 / 84
p0 151.4 ± 0.1166
170
165
160
155
150
145

asym_sam5_correction_mean vs run
χ² / ndf 94.96 / 84
p0 −170.4 ± 1073
pull
Entries 85
Mean 307.9
Std Dev 268.4
pull1D
Entries 85
Mean −0.006959
Std Dev 1.057

asym_sam5_correction_rms vs run
χ^2 / ndf 2158 / 84
p0 985.6 ± 0.7587
1100
1050
1000
950
900

asym_sam5_mean vs run
χ² / ndf 94.36 / 84
p0 −38.77 ± 1039
pull
Entries 85
Mean 267.3
Std Dev 223.8
pull1D
Entries 85
Mean 0.009617
Std Dev 1.054

asym_sam5_rms vs run
χ² / ndf 2256 / 84
p0 954.6 ± 0.7349
1060
1040
1020
1000
980
960
940
920
900
880
860

dit_asym_sam6_mean vs run
χ² / ndf 63.5 / 84
p0 −296 ± 163.7
pull
Entries 85
Mean −18.14
Std Dev 53.77
pull1D
Entries 85
Mean 0.008821
Std Dev 0.8643

dit_asym_sam6_rms vs run
χ^2 / ndf 5010 / 84
p0 150.2 ± 0.1157
170
160
150
140
130

asym_sam6_correction_mean vs run
χ² / ndf 112.7 / 84
p0 −34.08 ± 1019
pull
Entries 85
Mean 334.2
Std Dev 281.2
pull1D
Entries 85
Mean −0.008287
Std Dev 1.151

asym_sam6_correction_rms vs run
χ^2 / ndf 4779 / 84
p0 934.8 ± 0.7202
1100
1050
1000
950
900
850

asym_sam6_mean vs run
χ² / ndf 111.9 / 84
p0 −278.1± 1000
pull
Entries 85
Mean 271.3
Std Dev 217.7
pull1D
Entries 85
Mean 0.01046
Std Dev 1.147

asym_sam6_rms vs run

dit_asym_sam7_mean vs run
χ² / ndf 70.23 / 84
p0 −55.7 ± 99.42
pull
Entries 85
Mean −121.7
Std Dev 180.2
pull1D
Entries 85
Mean 0.02077
Std Dev 0.9088

dit_asym_sam7_rms vs run
χ² / ndf 1.371e+04 / 84
p0 91.01 ± 0.0703
140
130
120
110
100
90
80

asym_sam7_correction_mean vs run
χ² / ndf 114.7 / 84
p0 110.7 ± 320.2
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 341.4
Std Dev 281.9
3
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.007932
Std Dev 1.162
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam7_correction_rms vs run

asym_sam7_mean vs run
χ² / ndf 112.1 / 84
p0 −116.5 ± 323.7
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 422.1
Std Dev 360.8
3
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean −0.008402
Std Dev 1.148
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 1.738e+04 / 84
p0 296 ± 0.2289
400
380
360
340
320
300
280
260
240

dit_asym_sam8_mean vs run
χ² / ndf 76.16 / 84
p0 205.9 ± 83.32
pull
Entries 85
Mean 64.66
Std Dev 78.64
pull1D
Entries 85
Mean 0.01343
Std Dev 0.9465

dit_asym_sam8_rms vs run
χ^2 / ndf 2.503e+04 / 84
p0 76.01 ± 0.05892
150
140
130
120
110
100
90
80
70

asym_sam8_correction_mean vs run
χ² / ndf 99.41 / 84
p0 12.27 ± 250.3
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 302.1
Std Dev 239.5
pull1D
Entries 85
Mean 0.004409
Std Dev 1.081

asym_sam8_correction_rms vs run

asym_sam8_mean vs run
χ² / ndf 111.5 / 84
p0 239.3 ± 251
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 148.5
Std Dev 44.53
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean −0.008188
Std Dev 1.145
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam8_rms vs run

dit_asym_sam_15_avg_mean vs run
χ² / ndf 82.37 / 84
p0 3.301 ± 70.48
2000
1000
0
−1000
−2000
pull
Entries 85
Mean −433.8
Std Dev 484.7
3
2
1
0
−1
−2

pull1D
Entries 85
Mean −0.007642
Std Dev 0.9844
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_sam_15_avg_rms vs run

asym_sam_15_avg_correction_mean vs run
χ² / ndf 92.76 / 84
p0 −93.42 ± 372.3
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 343.2
Std Dev 304.5
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.005958
Std Dev 1.045
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
χ^2 / ndf 2978 / 84
p0 341.8 ± 0.2632
400
380
360
340
320

asym_sam_15_avg_mean vs run
χ² / ndf 90.47 / 84
p0 63.39 ± 355.9
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 302
Std Dev 259.8
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.009534
Std Dev 1.032
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_15_avg_rms vs run
χ² / ndf 3790 / 84
p0 326.7 ± 0.2516
380
360
340
320
300

dit_asym_sam_26_avg_mean vs run
χ² / ndf 78.39 / 84
p0 −24.02 ± 138.2
pull
Entries 85
Mean −2.908e+04
Std Dev 2.924e+04
pull1D
Entries 85
Mean 2.369e−05
Std Dev 0.9604

dit_asym_sam_26_avg_rms vs run

asym_sam_26_avg_correction_mean vs run
χ² / ndf 119.3 / 84
p0 114.5 ± 632.4
30000
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 323.4
Std Dev 265.9
3
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.009275
Std Dev 1.185
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_26_avg_correction_rms vs run

asym_sam_26_avg_mean vs run
χ² / ndf 120.8 / 84
p0 −161.1 ± 645
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 418.7
Std Dev 354.9
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean −0.007017
Std Dev 1.192
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 1.943e+04 / 84
p0 589.4 ± 0.4561
850
800
750
700
650
600
550
500

dit_asym_sam_37_avg_mean vs run
χ² / ndf 78.37 / 84
p0 57.73 ± 97.47
pull
Entries 85
Mean −15.06
Std Dev 110.7
pull1D
Entries 85
Mean 0.01309
Std Dev 0.9601

dit_asym_sam_37_avg_rms vs run

asym_sam_37_avg_correction_mean vs run
χ² / ndf 116.1 / 84
p0 −5.196 ± 643.7
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 320.6
Std Dev 254.2
3
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean 0.007602
Std Dev 1.169
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_37_avg_correction_rms vs run
χ^2 / ndf 1.595e+04 / 84
p0 588.8 ± 0.4552
750
700
650
600
550
500

asym_sam_37_avg_mean vs run
χ² / ndf 113.6 / 84
p0 79.41 ± 659.5
pull
Entries 85
Mean 390.7
Std Dev 320.4
pull1D
Entries 85
Mean −0.006035
Std Dev 1.156

asym_sam_37_avg_rms vs run
χ^2 / ndf 2.233e+04 / 84
p0 602.2 ± 0.4664
850
800
750
700
650
600
550
500

dit_asym_sam_48_avg_mean vs run
χ^2 / ndf 80.53 / 84
p0 81.56 ± 191.4
pull
Entries 85
Mean 166.6
Std Dev 129.4
pull1D
Entries 85
Mean 0.01225
Std Dev 0.9733

dit_asym_sam_48_avg_rms vs run

asym_sam_48_avg_correction_mean vs run
χ² / ndf 92.71 / 84
p0 −125.2 ± 1148
pull
Entries 85
Mean −175.2
Std Dev 307.4
pull1D
Entries 85
Mean −0.001698
Std Dev 1.044

asym_sam_48_avg_correction_rms vs run
χ^2 / ndf 6081 / 84
p0 1053 ± 0.8116
1300
1250
1200
1150
1100
1050
1000
950

asym_sam_48_avg_mean vs run
χ² / ndf 94.43 / 84
p0 246.7 ± 1135
40000
20000
0
−20000
−40000
pull
Entries 85
Mean 0.01516
Std Dev 200.1
pull1D
Entries 85
Mean 0.002242
Std Dev 1.054

asym_sam_48_avg_rms vs run

dit_asym_sam_15_dd_mean vs run
χ² / ndf 62.07 / 84
p0 163.9 ± 112.3
pull
Entries 85
Mean 179.6
Std Dev 58.07
pull1D
Entries 85
Mean −0.004772
Std Dev 0.8546

dit_asym_sam_15_dd_rms vs run

asym_sam_15_dd_correction_mean vs run
χ² / ndf 96.08 / 84
p0 76.58 ± 705.5
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 293.9
Std Dev 254.1
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.007417
Std Dev 1.063
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_15_dd_correction_rms vs run

asym_sam_15_dd_mean vs run
χ² / ndf 96.42 / 84
p0 104.6 ± 691.1
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 246.2
Std Dev 201.7
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.009677
Std Dev 1.065
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 1951 / 84
p0 634.8 ± 0.4887
700
680
660
640
620
600
580

dit_asym_sam_26_dd_mean vs run
χ² / ndf 66.51 / 84
p0 307.3 ± 231
pull
Entries 85
Mean 47.87
Std Dev 95.49
pull1D
Entries 85
Mean −0.01267
Std Dev 0.8845

dit_asym_sam_26_dd_rms vs run

asym_sam_26_dd_correction_mean vs run
χ² / ndf 116.1 / 84
p0 153.8 ± 1607
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 85
Mean 332.8
Std Dev 277.9
3
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.008674
Std Dev 1.168
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_26_dd_correction_rms vs run

asym_sam_26_dd_mean vs run
χ² / ndf 117.5 / 84
p0 129.1 ± 1594
pull
Entries 85
Mean 302
Std Dev 243.9
pull1D
Entries 85
Mean −0.009799
Std Dev 1.176

asym_sam_26_dd_rms vs run

dit_asym_sam_37_dd_mean vs run
χ² / ndf 107.9 / 84
p0 112.4 ± 62.06
pull
Entries 85
Mean −318
Std Dev 359.3
pull1D
Entries 85
Mean −0.01153
Std Dev 1.127

dit_asym_sam_37_dd_rms vs run

asym_sam_37_dd_correction_mean vs run
χ² / ndf 109.9 / 84
p0 −112.9 ± 348.7
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 325.7
Std Dev 250.5
3
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean 0.00606
Std Dev 1.137
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

asym_sam_37_dd_mean vs run
χ² / ndf 110.8 / 84
p0 188.6 ± 362.4
pull
Entries 85
Mean 442.5
Std Dev 345.3
pull1D
Entries 85
Mean −0.002431
Std Dev 1.142

asym_sam_37_dd_rms vs run
χ^2 / ndf 2.307e+04 / 84
p0 330.8 ± 0.2562
480
460
440
420
400
380
360
340
320
300
280
260

dit_asym_sam_48_dd_mean vs run
χ² / ndf 79.96 / 84
p0 −107.9 ± 148
6000
4000
2000
0
−2000
−4000
pull
Entries 85
Mean 662.5
Std Dev 615.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

pull1D
Entries 85
Mean 0.002976
Std Dev 0.9699
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_sam_48_dd_rms vs run

asym_sam_48_dd_correction_mean vs run
χ² / ndf 90.21 / 84
p0 −123.8 ± 1006
pull
Entries 85
Mean 41.16
Std Dev 142.7
pull1D
Entries 85
Mean −0.003869
Std Dev 1.03

asym_sam_48_dd_correction_rms vs run

asym_sam_48_dd_mean vs run
χ^2 / ndf 91.57 / 84
p0 −8.897 ± 993.1
pull
Entries 85
Mean 86.75
Std Dev 125.3
pull1D
Entries 85
Mean 0.005621
Std Dev 1.038

asym_sam_48_dd_rms vs run

dit_asym_sam_13_57_dd_mean vs run
χ² / ndf 72.57 / 84
p0 141.4 ± 66.03
pull
Entries 85
Mean −60.09
Std Dev 54.86
pull1D
Entries 85
Mean −0.01258
Std Dev 0.9239

dit_asym_sam_13_57_dd_rms vs run

asym_sam_13_57_dd_correction_mean vs run
χ² / ndf 109.8 / 84
p0 28.57 ± 395.9
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 272.7
Std Dev 224.9
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.007844
Std Dev 1.136
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 2457 / 84
p0 363.6 ± 0.2799
410
400
390
380
370
360
350
340
330

asym_sam_13_57_dd_mean vs run
χ² / ndf 111.5 / 84
p0 159.1 ± 387
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 215.6
Std Dev 158.8
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.01133
Std Dev 1.145
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_13_57_dd_rms vs run

dit_asym_sam_15_37_dd_mean vs run
χ² / ndf 66.86 / 84
p0 −41.14 ± 53.37
pull
Entries 85
Mean −467.7
Std Dev 535.2
pull1D
Entries 85
Mean −0.006213
Std Dev 0.8869

dit_asym_sam_15_37_dd_rms vs run

asym_sam_15_37_dd_correction_mean vs run
χ² / ndf 117.3 / 84
p0 −2.473 ± 364.7
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 358.4
Std Dev 299.5
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean −0.009599
Std Dev 1.175
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_15_37_dd_correction_rms vs run

asym_sam_15_37_dd_mean vs run
χ² / ndf 116.4 / 84
p0 −13.27 ± 371.1
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 338
Std Dev 278
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.009932
Std Dev 1.17
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_15_37_dd_rms vs run

dit_asym_sam_24_68_dd_mean vs run
χ² / ndf 78.97 / 84
p0 91.21 ± 109.5
pull
Entries 85
Mean −105.2
Std Dev 96.72
pull1D
Entries 85
Mean −0.008542
Std Dev 0.9638

dit_asym_sam_24_68_dd_rms vs run

asym_sam_24_68_dd_correction_mean vs run
χ^2 / ndf 119.7 / 84
p0 −36.19 ± 909.7
40000
30000
20000
10000
0
−10000
−20000
−30000
−40000
pull
Entries 85
Mean 306
Std Dev 242
3
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean 0.008935
Std Dev 1.187
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_24_68_dd_correction_rms vs run

asym_sam_24_68_dd_mean vs run
χ² / ndf 120.6 / 84
p0 123.6 ± 920.4
pull
Entries 85
Mean 271.6
Std Dev 202.6
pull1D
Entries 85
Mean −0.009424
Std Dev 1.191

asym_sam_24_68_dd_rms vs run

dit_asym_sam_26_48_dd_mean vs run
χ² / ndf 71.86 / 84
p0 −73.37 ± 107.7
pull
Entries 85
Mean 887.4
Std Dev 823.6
pull1D
Entries 85
Mean −0.002377
Std Dev 0.9194

dit_asym_sam_26_48_dd_rms vs run
χ2 / ndf 5790 / 84
p0 98.77 ± 0.07612
135
130
125
120
115
110
105
100
95
90

asym_sam_26_48_dd_correction_mean vs run
χ² / ndf 87.38 / 84
p0 153.4 ± 545.7
pull
Entries 85
Mean 314.8
Std Dev 288.3
pull1D
Entries 85
Mean 0.004576
Std Dev 1.014

asym_sam_26_48_dd_correction_rms vs run

asym_sam_26_48_dd_mean vs run
χ² / ndf 88.38 / 84
p0 −191.1 ± 519.9
15000
10000
5000
0
−5000
−10000
−15000
−20000
pull
Entries 85
Mean 234.1
Std Dev 198.9
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.00874
Std Dev 1.02
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_26_48_dd_rms vs run
χ² / ndf 4704 / 84
p0 477.1 ± 0.3676
600
580
560
540
520
500
480
460
440
420

dit_asym_sam_1548_avg_mean vs run
χ² / ndf 82.45 / 84
p0 42.13 ± 125.2
pull
Entries 85
Mean 307.5
Std Dev 264
pull1D
Entries 85
Mean 0.00823
Std Dev 0.9849

dit_asym_sam_1548_avg_rms vs run

asym_sam_1548_avg_correction_mean vs run
χ² / ndf 88.41 / 84
p0 −103.5 ± 713.7
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 97
Std Dev 149.8
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.003499
Std Dev 1.02
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_1548_avg_correction_rms vs run

asym_sam_1548_avg_mean vs run
χ² / ndf 89.14 / 84
p0 149.9 ± 698
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 161
Std Dev 169.7
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.004779
Std Dev 1.024
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_1548_avg_rms vs run
χ² / ndf 6315 / 84
p0 640.4 ± 0.4936
800
750
700
650
600

dit_asym_sam_3748_avg_mean vs run
χ² / ndf 82.7 / 84
p0 68.72 ± 132.5
pull
Entries 85
Mean 108.6
Std Dev 92.35
pull1D
Entries 85
Mean 0.01287
Std Dev 0.9863

dit_asym_sam_3748_avg_rms vs run

asym_sam_3748_avg_correction_mean vs run
χ² / ndf 101.2 / 84
p0 −59.09 ± 843.1
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 744.3
Std Dev 658.9
3
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean 0.00156
Std Dev 1.091
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 1.006e+04 / 84
p0 772.6 ± 0.5962
1000
950
900
850
800
750
700
650

asym_sam_3748_avg_mean vs run
χ² / ndf 102.3 / 84
p0 164 ± 848.2
pull
Entries 85
Mean 851.3
Std Dev 751.3
pull1D
Entries 85
Mean −0.001124
Std Dev 1.097

asym_sam_3748_avg_rms vs run
χ² / ndf 1.479e+04 / 84
p0 776.2 ± 0.5998
1050
1000
950
900
850
800
750
700
650

dit_asym_sam_1526_avg_mean vs run
χ² / ndf 85.58 / 84
p0 −18.13 ± 75.83
pull
Entries 85
Mean 1776
Std Dev 1785
pull1D
Entries 85
Mean 0.0006407
Std Dev 1.003

dit_asym_sam_1526_avg_rms vs run

asym_sam_1526_avg_correction_mean vs run
χ² / ndf 112.7 / 84
p0 17.8 ± 287.7
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 363.9
Std Dev 296.1
pull1D
Entries 85
Mean 0.005989
Std Dev 1.151

asym_sam_1526_avg_correction_rms vs run

asym_sam_1526_avg_mean vs run
χ² / ndf 112.1 / 84
p0 −42.34 ± 301.8
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 424.2
Std Dev 339.9
3
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean −0.003916
Std Dev 1.148
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_1526_avg_rms vs run
χ^2 / ndf 2.022e+04 / 84
p0 275.7 ± 0.2134
400
380
360
340
320
300
280
260
240
220

dit_asym_sam_3726_avg_mean vs run
χ² / ndf 75.17 / 84
p0 12.2 ± 107.6
pull
Entries 85
Mean −64.67
Std Dev 180.5

pull1D
Entries 85
Mean 0.007311
Std Dev 0.9404

dit_asym_sam_3726_avg_rms vs run

asym_sam_3726_avg_correction_mean vs run
χ² / ndf 119.5 / 84
p0 50.1 ± 619.1
pull
Entries 85
Mean 309.9
Std Dev 248.3
pull1D
Entries 85
Mean 0.009081
Std Dev 1.186

asym_sam_3726_avg_correction_rms vs run

asym_sam_3726_avg_mean vs run
χ² / ndf 118.2 / 84
p0 −35.12 ± 635.2
pull
Entries 85
Mean 382
Std Dev 315.3
pull1D
Entries 85
Mean −0.007154
Std Dev 1.179

asym_sam_3726_avg_rms vs run

dit_asym_sam_15_48_dd_mean vs run
χ² / ndf 75.98 / 84
p0 −43.78 ± 71.86
pull
Entries 85
Mean 62.44
Std Dev 63.19
pull1D
Entries 85
Mean −0.0148
Std Dev 0.9453

dit_asym_sam_15_48_dd_rms vs run

asym_sam_15_48_dd_correction_mean vs run
χ² / ndf 102.3 / 84
p0 29.81 ± 467.1
pull
Entries 85
Mean 617.4
Std Dev 534.1
pull1D
Entries 85
Mean −0.002043
Std Dev 1.097

asym_sam_15_48_dd_correction_rms vs run

asym_sam_15_48_dd_mean vs run
χ² / ndf 104.4 / 84
p0 −106.6 ± 469.5
pull
Entries 85
Mean 437.8
Std Dev 343.3
pull1D
Entries 85
Mean 0.002673
Std Dev 1.108

asym_sam_15_48_dd_rms vs run

dit_asym_sam_37_48_dd_mean vs run
χ² / ndf 69.78 / 84
p0 −21.73 ± 74.93
2000
1000
0
−1000
−2000
pull
Entries 85
Mean 2230
Std Dev 2178
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.001193
Std Dev 0.9061
18
16
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 1.077e+04 / 84
p0 68.65 ± 0.05299
105
100
95
90
85
80
75
70
65
60

asym_sam_37_48_dd_correction_mean vs run
χ² / ndf 87.73 / 84
p0 90.78 ± 392.8
15000
10000
5000
0
−5000
−10000
pull
Entries 85
Mean 303.5
Std Dev 276
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.004801
Std Dev 1.016
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

asym_sam_37_48_dd_mean vs run
χ² / ndf 86.66 / 84
p0 −99.99 ± 376.8
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 301.1
Std Dev 267.3
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.006821
Std Dev 1.01
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

dit_asym_sam_15_26_dd_mean vs run
χ² / ndf 74.23 / 84
p0 4.087 ± 79.11
pull
Entries 85
Mean 1892
Std Dev 1810
pull1D
Entries 85
Mean 0.001241
Std Dev 0.9345

dit_asym_sam_15_26_dd_rms vs run

asym_sam_15_26_dd_correction_mean vs run
χ² / ndf 113.2 / 84
p0 −113.5 ± 432.5
pull
Entries 85
Mean 372.2
Std Dev 320
pull1D
Entries 85
Mean −0.007877
Std Dev 1.154

asym_sam_15_26_dd_correction_rms vs run
χ^2 / ndf 7723 / 84
p0 396.6 ± 0.3058
500
480
460
440
420
400
380
360
340

asym_sam_15_26_dd_mean vs run
χ² / ndf 115.7 / 84
p0 113 ± 425.8
pull
Entries 85
Mean 382.2
Std Dev 325.5
pull1D
Entries 85
Mean 0.008843
Std Dev 1.166

asym_sam_15_26_dd_rms vs run
χ^2 / ndf 1.124e+04 / 84
p0 390 ± 0.3011
520
500
480
460
440
420
400
380
360
340

dit_asym_sam_37_26_dd_mean vs run
χ² / ndf 88.79 / 84
p0 43.76 ± 51.99
pull
Entries 85
Mean 72.76
Std Dev 92.65
pull1D
Entries 85
Mean 0.0112
Std Dev 1.022

dit_asym_sam_37_26_dd_rms vs run
χ² / ndf 2179 / 84
p0 47.75 ± 0.03676
54
52
50
48
46
44

asym_sam_37_26_dd_correction_mean vs run
χ² / ndf 86.26 / 84
p0 −62.36 ± 153.6
pull
Entries 85
Mean 344
Std Dev 319.9
pull1D
Entries 85
Mean −0.004063
Std Dev 1.007

asym_sam_37_26_dd_correction_rms vs run

asym_sam_37_26_dd_mean vs run
χ^2 / ndf 92.75 / 84
p0 92.11 ± 147.6
6000
4000
2000
0
−2000
−4000
pull
Entries 85
Mean 148.8
Std Dev 109.4
2
1
0
−1
−2
pull1D
Entries 85
Mean 0.01297
Std Dev 1.045
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

dit_asym_sam_1357_avg_mean vs run
χ² / ndf 89.21 / 84
p0 24.26 ± 66.89
3000
2000
1000
0
−1000
−2000
pull
Entries 85
Mean 171.2
Std Dev 145.4
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
pull1D
Entries 85
Mean 0.0109
Std Dev 1.024
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_sam_1357_avg_rms vs run

asym_sam_1357_avg_correction_mean vs run
χ² / ndf 96.45 / 84
p0 −67.71 ± 385.5
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean 1393
Std Dev 1311
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean 0.001009
Std Dev 1.065
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

asym_sam_1357_avg_mean vs run
χ² / ndf 99.61 / 84
p0 58.54 ± 380.7
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 85
Mean −1069
Std Dev 1178
pull1D
Entries 85
Mean 0.0006481
Std Dev 1.083
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

dit_asym_sam_2468_avg_mean vs run
χ² / ndf 82.77 / 84
p0 21.03 ± 127.7
4000
2000
0
−2000
−4000
pull
Entries 85
Mean 128.3
Std Dev 133.2
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
pull1D
Entries 85
Mean 0.009195
Std Dev 0.9868
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

dit_asym_sam_2468_avg_rms vs run

asym_sam_2468_avg_correction_mean vs run
χ² / ndf 106.5 / 84
p0 −10.47 ± 746.9
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 462.5
Std Dev 387.1
3
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean 0.00352
Std Dev 1.12
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_2468_avg_correction_rms vs run
χ^2 / ndf 1.236e+04 / 84
p0 684 ± 0.5282
900
850
800
750
700
650
600

asym_sam_2468_avg_mean vs run
χ² / ndf 107.7 / 84
p0 70.97 ± 761.4
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 85
Mean 384
Std Dev 294.4
pull1D
Entries 85
Mean −0.003678
Std Dev 1.126

asym_sam_2468_avg_rms vs run

dit_asym_sam_1357_2468_dd_mean vs run
χ² / ndf 81.49 / 84
p0 0.1184 ± 36.86
pull
Entries 85
Mean 61.11
Std Dev 144.7

pull1D
Entries 85
Mean −0.006089
Std Dev 0.9791

dit_asym_sam_1357_2468_dd_rms vs run
χ^2 / ndf 2.282e+04 / 84
p0 33.64 ± 0.02606
60
55
50
45
40
35
30

asym_sam_1357_2468_dd_correction_mean vs run
χ² / ndf 113.8 / 84
p0 −28.84 ± 193.9
pull
Entries 85
Mean 304.5
Std Dev 234.2
pull1D
Entries 85
Mean −0.005462
Std Dev 1.157

asym_sam_1357_2468_dd_correction_rms vs run
χ² / ndf 1.42e+04 / 84
p0 177.5 ± 0.1371
230
220
210
200
190
180
170
160
150

asym_sam_1357_2468_dd_mean vs run
χ² / ndf 115.1 / 84
p0 −5.599 ± 197.8
pull
Entries 85
Mean 272
Std Dev 191.8
pull1D
Entries 85
Mean 0.007419
Std Dev 1.164

asym_sam_1357_2468_dd_rms vs run

dit_asym_sam_12345678_avg_mean vs run
χ² / ndf 84.55 / 84
p0 22.11 ± 95
pull
Entries 85
Mean 143.9
Std Dev 135.1

pull1D
Entries 85
Mean 0.01015
Std Dev 0.9973

dit_asym_sam_12345678_avg_rms vs run
χ² / ndf 3.223e+04 / 84
p0 86.48 ± 0.06718
160
140
120
100
80

asym_sam_12345678_avg_correction_mean vs run
χ² / ndf 103.3 / 84
p0 −39.02 ± 561.9
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 580.1
Std Dev 502.7
3
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean 0.002711
Std Dev 1.102
16
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

asym_sam_12345678_avg_mean vs run
χ² / ndf 105 / 84
p0 64.87 ± 568.5
20000
10000
0
−10000
−20000
pull
Entries 85
Mean 520.2
Std Dev 425.7
3
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean −0.002272
Std Dev 1.111
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

asym_sam_12345678_avg_rms vs run

dit_usl_4aX_slope vs run
χ² / ndf 1.442e−25 / 84
p0 −322.8 ± 0.449
−318
−319
−320
−321
−322
−323
−324
−325
−326
−327
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
40
35
30
25
20
15
10
5
0

pull1D
Entries 85
Mean 4.119e−14
Std Dev 1.339e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_usl_4eX_slope vs run

dit_usl_11X12X_slope vs run

dit_usl_4aY_slope vs run
χ^2 / ndf 5.167e−27 / 84
p0 −0.5282 ± 0.0278
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
8
7
6
5
4
3
2
1
0

pull1D
Entries 85
Mean 7.797e−15
Std Dev 2.118e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_usl_4eY_slope vs run
χ^2 / ndf 1.279e−24 / 84
p0 26.02 ± 0.05027
26.4
26.2
26
25.8
25.6
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-12
0.12
0.1
0.08
0.06
0.04
0.02
0

pull1D
Entries 85
Mean 1.226e−13
Std Dev7.576e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_usr_4aX_slope vs run
χ² / ndf 1.836e−24 / 84
p0 −358.3 ± 0.3776
−355
−356
−357
−358
−359
−360
−361
−362
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
−0.14

pull1D
Entries 85
Mean −1.47e−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_4eX_slope vs run
χ^2 / ndf 1.013e−24 / 84
p0 457.2 ± 0.3954
461
460
459
458
457
456
455
454
453
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-12
0
−0.02
−0.04
−0.06
−0.08
−0.1

pull1D
Entries 85
Mean −1.092e−13
Std Dev4.639e−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
χ^2 / ndf 3.137e−24 / 84
p0 −47.67 ± 0.04413
−47.2
−47.3
−47.4
−47.5
−47.6
−47.7
−47.8
−47.9
−48
−48.1
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−12
0
−0.05
−0.1
−0.15
−0.2

pull1D
Entries 85
Mean −1.921e−13
Std Dev3.388e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_usr_4aY_slope vs run
χ^2 / ndf 8.175e−29 / 84
p0 0.7509 ± 0.02456
pull
Entries 85
Mean 42.5
Std Dev 24.54

pull1D
Entries 85
Mean −9.807e−16
Std Dev 5.294e−23

dit_usr_4eY_slope vs run
χ² / ndf 6.843e−25 / 84
p0 15.5 ± 0.04295
15.9
15.8
15.7
15.6
15.5
15.4
15.3
15.2
15.1
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
90
80
70
60
50
40
30
20
10
0

pull1D
Entries 85
Mean 8.972e−14
Std Dev 6.985e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atl1_4aX_slope vs run
χ^2 / ndf 2.366e−26 / 84
p0 −244.6 ± 1.109
−235
−240
−245
−250
−255
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
0
−2
−4
−6
−8
−10
−12
−14
−16

pull1D
Entries 85
Mean −1.668e−14
Std Dev7.336e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atl1_4eX_slope vs run

dit_atl1_11X12X_slope vs run
χ^2 / ndf 3.637e−24 / 84
p0 −42.13 ± 0.07452
−41.4
−41.6
−41.8
−42
−42.2
−42.4
−42.6
−42.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−12
0
−0.05
−0.1
−0.15
−0.2

pull1D
Entries 85
Mean −2.068e−13
Std Dev 5.868e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atl1_4aY_slope vs run
χ^2 / ndf 4.801e−26 / 84
p0 10.74 ± 0.08107
11.6
11.4
11.2
11
10.8
10.6
10.4
10.2
10
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
24
22
20
18
16
14
12
10
8
6
4
2
0

pull1D
Entries 85
Mean 2.377e−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_atl1_4eY_slope vs run
χ² / ndf 6.841e−27 / 84
p0 −13.93 ± 0.1289
−13
−13.5
−14
−14.5
−15
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−1
−2
−3
−4
−5
−6
−7
−8
−9

pull1D
Entries 85
Mean −8.971e−15
Std Dev4.235e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atl2_4aX_slope vs run
χ^2 / ndf 6.272e−24 / 84
p0 −2261 ± 2.179
−2240
−2245
−2250
−2255
−2260
−2265
−2270
−2275
−2280
−2285
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-12
0.25
0.2
0.15
0.1
0.05
0
pull1D
Entries 85
Mean 2.716e−13
Std Dev 7.576e−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
χ^2 / ndf 4.207e−24 / 84
p0 2433 ± 2.217
2455
2450
2445
2440
2435
2430
2425
2420
2415
2410
pull
Entries 85
Mean 42.5
Std Dev 24.54
$\times 10^{-12}$
0
−0.05
−0.1
−0.15
−0.2
pull1D
Entries 85
Mean −2.225e−13
Std Dev 4.15e−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
χ^2 / ndf 7.833e−24 / 84
p0 −348.3 ± 0.1219
−347
−347.5
−348
−348.5
−349
−349.5
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−12
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3
pull1D
Entries 85
Mean −3.036e−13
Std Dev 1.124e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atl2_4aY_slope vs run
χ² / ndf 5.654e−27 / 84
p0 −10.52 ± 0.09449
−9.5
−10
−10.5
−11
−11.5
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−1
−2
−3
−4
−5
−6
−7
−8

pull1D
Entries 85
Mean −8.156e−15
Std Dev4.735e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atl2_4eY_slope vs run
χ^2 / ndf 1.46e−24 / 84
p0 157.6 ± 0.1176
158.5
158
157.5
157
156.5
pull
Entries 85
Mean 42.5
Std Dev 24.54
$\times 10^{-12}$
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
pull1D
Entries 85
Mean −1.31e−13
Std Dev 6.339e−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

dit_atr1_4eX_slope vs run
χ^2 / ndf 9.622e−26 / 84
p0 233 ± 0.733
240
238
236
234
232
230
228
226
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
0
−5
−10
−15
−20
−25
−30
−35
pull1D
Entries 85
Mean −3.365e−14
Std Dev 1.527e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atr1_11X12X_slope vs run
χ^2 / ndf 1.751e−25 / 84
p0 −38.31 ± 0.06793
−37.6
−37.8
−38
−38.2
−38.4
−38.6
−38.8
−39
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
45
40
35
30
25
20
15
10
5
0

pull1D
Entries 85
Mean 4.538e−14
Std Dev 1.467e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atr1_4aY_slope vs run
χ^2 / ndf 5.052e−25 / 84
p0 15 ± 0.05998
15.6
15.4
15.2
15
14.8
14.6
14.4
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
0
−10
−20
−30
−40
−50
−60
−70
−80

pull1D
Entries 85
Mean −7.709e−14
Std Dev1.467e−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
χ^2 / ndf 3.305e−26 / 84
p0 −21.16 ± 0.1173
−20
−20.5
−21
−21.5
−22
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
0
−5
−10
−15
−20
pull1D
Entries 85
Mean −1.972e−14
Std Dev1.253e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atr2_4aX_slope vs run
χ^2 / ndf 2.916e−23 / 84
p0 −1963 ± 1.474
−1950
−1955
−1960
−1965
−1970
−1975
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−12
0.6
0.5
0.4
0.3
0.2
0.1
0

pull1D
Entries 85
Mean 5.857e−13
Std Dev 1.66e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atr2_4eX_slope vs run
χ^2 / ndf 3.151e−24 / 84
p0 2277 ± 1.537
2290
2285
2280
2275
2270
2265
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-12
0
−0.05
−0.1
−0.15
−0.2

pull1D
Entries 85
Mean −1.925e−13
Std Dev1.098e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atr2_11X12X_slope vs run
χ^2 / ndf 1.849e−23 / 84
p0 −290.4 ± 0.09253
−289.4
−289.6
−289.8
−290
−290.2
−290.4
−290.6
−290.8
−291
−291.2
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-12
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
pull1D
Entries 85
Mean 4.664e−13
Std Dev 0
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_atr2_4aY_slope vs run
χ^2 / ndf 1.562e−25 / 84
p0 −9.85 ± 0.0809
pull
Entries 85
Mean 42.5
Std Dev 24.54

pull1D
Entries 85
Mean −4.287e−14
Std Dev2.679e−21

dit_atr2_4eY_slope vs run
χ^2 / ndf 1.131e−25 / 84
p0 128.4 ± 0.0845
129.2
129
128.8
128.6
128.4
128.2
128
127.8
127.6
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-15
35
30
25
20
15
10
5
0

pull1D
Entries 85
Mean 3.648e−14
Std Dev 1.986e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam1_4aX_slope vs run

dit_sam1_4eX_slope vs run

dit_sam1_11X12X_slope vs run
χ^2 / ndf 6.093e−27 / 84
p0 0.3461± 0.001422
0.36
0.355
0.35
0.345
0.34
0.335
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
0
−1
−2
−3
−4
−5
−6
−7
−8

pull1D
Entries 85
Mean −8.466e−15
Std Dev 3.512e−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
χ^2 / ndf 1.667e−22 / 84
p0 −52.72 ± 0.008805
−52.64
−52.66
−52.68
−52.7
−52.72
−52.74
−52.76
−52.78
−52.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-12
1.4
1.2
1
0.8
0.6
0.4
0.2
0
pull1D
Entries 85
Mean 1.4e−12
Std Dev 1.118e−19
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam1_4eY_slope vs run

dit_sam2_4aX_slope vs run

dit_sam2_4eX_slope vs run

dit_sam2_11X12X_slope vs run
χ^2 / ndf 3.236e−27 / 84
p0 0.7041 ± 0.005855
0.76
0.74
0.72
0.7
0.68
0.66
0.64
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
6
5
4
3
2
1
0

pull1D
Entries 85
Mean 6.17e−15
Std Dev 3.89e−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

dit_sam2_4eY_slope vs run

dit_sam3_4aX_slope vs run
χ^2 / ndf 5.913e−30 / 84
p0 −2.186 ± 1.278
pull
Entries 85
Mean 42.5
Std Dev 24.54

pull1D
Entries 85
Mean 2.637e−16
Std Dev7.399e−24

dit_sam3_4eX_slope vs run
χ^2 / ndf 8.288e−27 / 84
p0 −118.9 ± 1.249
−110
−115
−120
−125
−130
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
0
−2
−4
−6
−8
−10

pull1D
Entries 85
Mean −9.875e−15
Std Dev4.966e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam3_11X12X_slope vs run
χ^2 / ndf 1.459e−26 / 84
p0 0.6103 ± 0.004595
0.66
0.64
0.62
0.6
0.58
0.56
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-15
12
10
8
6
4
2
0

pull1D
Entries 85
Mean 1.31e−14
Std Dev 4.492e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam3_4aY_slope vs run
χ2 / ndf 2.191e−26 / 84
p0 −7.271 ± 0.018
−7.1
−7.15
−7.2
−7.25
−7.3
−7.35
−7.4
−7.45
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10−15
0
−2
−4
−6
−8
−10
−12
−14
−16
pull1D
Entries 85
Mean −1.605e−14
Std Dev4.735e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam3_4eY_slope vs run

dit_sam4_4aX_slope vs run

dit_sam4_4eX_slope vs run

dit_sam4_11X12X_slope vs run

dit_sam4_4aY_slope vs run
χ² / ndf 6.03e−25 / 84
p0 −24.09 ± 0.0915
−23.2
−23.4
−23.6
−23.8
−24
−24.2
−24.4
−24.6
−24.8
−25
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70
−80

pull1D
Entries 85
Mean −8.423e−14
Std Dev 0
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam4_4eY_slope vs run

dit_sam5_4aX_slope vs run

dit_sam5_4eX_slope vs run

dit_sam5_11X12X_slope vs run
χ^2 / ndf 5.439e−27 / 84
p0 0.335 ± 0.005269
0.38
0.36
0.34
0.32
0.3
0.28
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
0
−1
−2
−3
−4
−5
−6
−7
−8

pull1D
Entries 85
Mean −8e−15
Std Dev 3.668e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam5_4aY_slope vs run
χ^2 / ndf 6.319e−24 / 84
p0 33.05 ± 0.03109
33.3
33.2
33.1
33
32.9
32.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
$\times 10^{-12}$
0
−0.05
−0.1
−0.15
−0.2
−0.25

pull1D
Entries 85
Mean −2.727e−13
Std Dev 1.793e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam5_4eY_slope vs run
χ^2 / ndf 2.312e−23 / 84
p0 128.8 ± 0.09458
129.8
129.6
129.4
129.2
129
128.8
128.6
128.4
128.2
128
127.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-12
0
−0.1
−0.2
−0.3
−0.4
−0.5
pull1D
Entries 85
Mean −5.215e−13
Std Dev1.515e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam6_4aX_slope vs run
χ² / ndf 6.002e−28 / 84
p0 71.17 ± 0.5801
76
74
72
70
68
66
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−0.5
−1
−1.5
−2
−2.5

pull1D
Entries 85
Mean −2.657e−15
Std Dev1.242e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam6_4eX_slope vs run

dit_sam6_11X12X_slope vs run

dit_sam6_4aY_slope vs run
χ² / ndf 8.012e−24 / 84
p0 19.02 ± 0.02134
19.25
19.2
19.15
19.1
19.05
19
18.95
18.9
18.85
18.8
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3
pull1D
Entries 85
Mean −3.07e−13
Std Dev 1.071e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam6_4eY_slope vs run

dit_sam7_4aX_slope vs run
χ^2 / ndf 8.501e−27 / 84
p0 96.74 ± 0.3083
pull
Entries 85
Mean 42.5
Std Dev 24.54

pull1D
Entries 85
Mean −1e−14
Std Dev 5.603e−22

dit_sam7_4eX_slope vs run

dit_sam7_11X12X_slope vs run
χ^2 / ndf 9.631e−27 / 84
p0 0.4748 ± 0.001697
0.49
0.485
0.48
0.475
0.47
0.465
0.46
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-15
10
8
6
4
2
0

pull1D
Entries 85
Mean 1.064e−14
Std Dev 5.603e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam7_4aY_slope vs run
χ^2 / ndf 1.506e−25 / 84
p0 7.063 ± 0.004578
7.1
7.08
7.06
7.04
7.02
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^-15
40
35
30
25
20
15
10
5
0

pull1D
Entries 85
Mean 4.209e−14
Std Dev 1.797e−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

dit_sam8_4aX_slope vs run
χ² / ndf 4.629e−25 / 84
p0 68.79 ± 0.2089
71
70.5
70
69.5
69
68.5
68
67.5
67
66.5
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70
pull1D
Entries 85
Mean −7.38e−14
Std Dev 1.198e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam8_4eX_slope vs run
χ^2 / ndf 1.219e−25 / 84
p0 −103.4 ± 0.2035
−101.5
−102
−102.5
−103
−103.5
−104
−104.5
−105
−105.5
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10^−15
35
30
25
20
15
10
5
0

pull1D
Entries 85
Mean 3.787e−14
Std Dev 1.527e−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

dit_sam8_4aY_slope vs run
χ² / ndf 9.37e−24 / 84
p0 −51.62 ± 0.004643
−51.58
−51.6
−51.62
−51.64
−51.66
pull
Entries 85
Mean 42.5
Std Dev 24.54
×10⁻¹²
0.3
0.25
0.2
0.15
0.1
0.05
0
pull1D
Entries 85
Mean 3.32e−13
Std Dev 1.728e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

dit_sam8_4eY_slope vs run

dit_4aX_coil1_mean vs run

dit_4aX_coil1_err_mean vs run
χ² / ndf 1.078e+33 / 84
p0 11.28 ± 1.085e−16
pull
Entries 85
Mean 7.63e+08
Std Dev 7.63e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aX_coil1_Ndata_mean vs run

dit_4eX_coil1_mean vs run

dit_4eX_coil1_err_mean vs run

dit_4eX_coil1_Ndata_mean vs run

dit_11X12X_coil1_mean vs run

dit_11X12X_coil1_err_mean vs run

dit_11X12X_coil1_Ndata_mean vs run
χ² / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10¹⁵
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_4aY_coil1_mean vs run
χ^2 / ndf 1.962e+34 / 84
p0 9.378 ± 1.085e−16
pull
Entries 85
Mean 3.745e+09
Std Dev 3.745e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aY_coil1_err_mean vs run
χ^2 / ndf 5.848e+31 / 84
p0 2.429 ± 1.085e−16
pull
Entries 85
Mean −2.019e+08
Std Dev 2.019e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aY_coil1_Ndata_mean vs run

dit_4eY_coil1_mean vs run

dit_4eY_coil1_err_mean vs run

dit_4eY_coil1_Ndata_mean vs run

dit_usl_coil1_mean vs run
χ² / ndf inf / 84
p0 3.064e+04 ± 1.085e−16
35000
30000
25000
20000
15000
10000
5000
0
pull
Entries 85
Mean −4.872e+09
Std Dev 4.872e+09
×10¹⁸
0
−5
−10
−15
−20
−25
−30
pull1D
Entries 85
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_usl_coil1_err_mean vs run
χ² / ndf 4.998e+37 / 84
p0 1078 ± 1.085e−16
pull
Entries 85
Mean 4.889e+08
Std Dev 4.889e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_usl_coil1_Ndata_mean vs run
χ^2 / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400

pull1D
Entries 85
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_usr_coil1_mean vs run
χ² / ndf inf / 84
p0 −2.717e+04 ± 1.085e−16
0
−5000
−10000
−15000
−20000
−25000
−30000
pull
Entries 85
Mean −1.193e+09
Std Dev 1.193e+09
×10¹⁸
25
20
15
10
5
0
pull1D
Entries 85
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_usr_coil1_err_mean vs run
χ^2 / ndf 2.588e+37 / 84
p0 1012 ± 1.085e−16
pull
Entries 85
Mean −2.786e+09
Std Dev 2.786e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_usr_coil1_Ndata_mean vs run
χ² / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10¹⁵
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_atl1_coil1_mean vs run

dit_atl1_coil1_err_mean vs run
χ² / ndf 3.192e+37 / 84
p0 1027 ± 1.085e−16
pull
Entries 85
Mean 3.176e+08
Std Dev 3.176e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl1_coil1_Ndata_mean vs run

dit_atl2_coil1_mean vs run
χ² / ndf inf / 84
p0 5.048e+04 ± 1.085e−16
60000
50000
40000
30000
20000
10000
0
pull
Entries 85
Mean −2.86e+09
Std Dev 2.86e+09
×10¹⁸
10
0
−10
−20
−30
−40
−50
pull1D
Entries 85
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_atl2_coil1_err_mean vs run
χ² / ndf inf / 84
p0 4644 ± 1.085e−16
20000
15000
10000
5000
0
pull
Entries 85
Mean −2.313e+09
Std Dev 2.313e+09
×10¹⁸
15
10
5
0
−5
pull1D
Entries 85
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_atl2_coil1_Ndata_mean vs run
χ^2 / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10^15
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_atr1_coil1_mean vs run
χ² / ndf inf / 84
p0 2.793e+04 ± 1.085e−16
30000
25000
20000
15000
10000
5000
0
pull
Entries 85
Mean −7.608e+09
Std Dev 7.608e+09
×10¹⁸
0
−5
−10
−15
−20
−25
pull1D
Entries 85
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_atr1_coil1_err_mean vs run
χ^2 / ndf 3.194e+37 / 84
p0 1033 ± 1.085e−16
pull
Entries 85
Mean −1.648e+09
Std Dev 1.648e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr1_coil1_Ndata_mean vs run
χ² / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10¹⁵
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_atr2_coil1_mean vs run
χ² / ndf inf / 84
p0 −3.585e+04 ± 1.085e−16
0
−5000
−10000
−15000
−20000
−25000
−30000
−35000
−40000
pull
Entries 85
Mean 2.82e+09
Std Dev 2.82e+09
×10¹⁸
35
30
25
20
15
10
5
0
−5
pull1D
Entries 85
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_atr2_coil1_err_mean vs run
χ² / ndf inf / 84
p0 4059 ± 1.085e−16
pull
Entries 85
Mean −1.864e+09
Std Dev 1.864e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr2_coil1_Ndata_mean vs run

dit_sam1_coil1_mean vs run
χ^2 / ndf 8.008e+37 / 84
p0 4256 ± 1.085e−16
5000
4000
3000
2000
1000
0
pull
Entries 85
Mean 1.64e+08
Std Dev 1.64e+08
×10^15
0
−1000
−2000
−3000
−4000

pull1D
Entries 85
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_sam1_coil1_err_mean vs run
χ² / ndf 1.473e+35 / 84
p0 144.7 ± 1.085e−16
200
150
100
50
0
pull
Entries 85
Mean 5.831e+09
Std Dev 5.831e+09
×10¹⁵
50
0
−50
−100
−150
pull1D
Entries 85
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_sam1_coil1_Ndata_mean vs run
χ^2 / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10^15
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_sam2_coil1_mean vs run
×10^3
χ² / ndf inf / 84
p0 9.36e+04 ± 1.085e−16
100
80
60
40
20
0
×10^18
pull
Entries 85
Mean 1.081e+09
Std Dev 1.081e+09
0
−20
−40
−60
−80

pull1D
Entries 85
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_sam2_coil1_err_mean vs run
χ^2 / ndf 2.52e+37 / 84
p0 1937 ± 1.085e−16
3500
3000
2500
2000
1500
1000
500
0
pull
Entries 85
Mean 1.026e+09
Std Dev 1.026e+09
1500
1000
500
0
−500
−1000
−1500
−2000

pull1D
Entries 85
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_sam2_coil1_Ndata_mean vs run
χ² / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10¹⁵
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_sam3_coil1_mean vs run
χ² / ndf inf / 84
p0 5.679e+04 ± 1.085e−16
60000
50000
40000
30000
20000
10000
0
pull
Entries 85
Mean −6.473e+09
Std Dev 6.473e+09
×10¹⁸
0
−10
−20
−30
−40
−50
pull1D
Entries 85
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_sam3_coil1_err_mean vs run
χ² / ndf 1.54e+37 / 84
p0 1377 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.6e+09
Std Dev 1.6e+09
×10¹⁵
800
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400

pull1D
Entries 85
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_sam3_coil1_Ndata_mean vs run
χ² / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10¹⁵
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_sam4_coil1_mean vs run
×10^3
χ² / ndf inf / 84
p0 9.449e+04 ± 1.085e−16
100
80
60
40
20
0
×10^18
pull
Entries 85
Mean −7.853e+08
Std Dev 7.853e+08
0
−20
−40
−60
−80

pull1D
Entries 85
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_sam4_coil1_err_mean vs run
χ² / ndf 5.864e+37 / 84
p0 2429 ± 1.085e−16
pull
Entries 85
Mean −4.323e+08
Std Dev 4.323e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam4_coil1_Ndata_mean vs run
χ² / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10¹⁵
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_sam5_coil1_mean vs run

dit_sam5_coil1_err_mean vs run
χ^2 / ndf 1.663e+36 / 84
p0 421.4 ± 1.085e−16
pull
Entries 85
Mean 5.407e+07
Std Dev 5.407e+07
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam5_coil1_Ndata_mean vs run
χ^2 / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam6_coil1_mean vs run
χ² / ndf inf / 84
p0 −2.99e+04 ± 1.085e−16
0
−5000
−10000
−15000
−20000
−25000
−30000
−35000
pull
Entries 85
Mean 2.218e+09
Std Dev 2.218e+09
×10¹⁸
30
25
20
15
10
5
0
pull1D
Entries 85
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_sam6_coil1_err_mean vs run
χ^2 / ndf 2.868e+36 / 84
p0 657.4 ± 1.085e−16
pull
Entries 85
Mean 1.955e+10
Std Dev 1.955e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam6_coil1_Ndata_mean vs run
χ² / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10¹⁵
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_sam7_coil1_mean vs run
χ² / ndf inf / 84
p0 1.886e+04 ± 1.085e−16
20000
15000
10000
5000
0
pull
Entries 85
Mean 8.437e+08
Std Dev 8.437e+08
×10^18
0
−2
−4
−6
−8
−10
−12
−14
−16
−18
pull1D
Entries 85
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_sam7_coil1_err_mean vs run
χ² / ndf 2.027e+36 / 84
p0 403.2 ± 1.085e−16
800
600
400
200
0
pull
Entries 85
Mean −2.662e+07
Std Dev 2.662e+07
×10¹⁵
500
400
300
200
100
0
−100
−200
−300
−400
pull1D
Entries 85
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_sam7_coil1_Ndata_mean vs run
χ^2 / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10^15
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_sam8_coil1_mean vs run
χ² / ndf inf / 84
p0 1.471e+04 ± 1.085e−16
16000
14000
12000
10000
8000
6000
4000
2000
0
pull
Entries 85
Mean −2.07e+10
Std Dev 2.07e+10
×10^18
0
−2
−4
−6
−8
−10
−12
−14

pull1D
Entries 85
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_sam8_coil1_err_mean vs run
χ² / ndf 1.565e+36 / 84
p0 335.5 ± 1.085e−16
pull
Entries 85
Mean −2.186e+08
Std Dev 2.186e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam8_coil1_Ndata_mean vs run
χ^2 / ndf 1.395e+37 / 84
p0 1310 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.072e+09
Std Dev 1.072e+09
×10^15
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_4aX_coil3_mean vs run

dit_4aX_coil3_err_mean vs run

dit_4aX_coil3_Ndata_mean vs run

dit_4eX_coil3_mean vs run

dit_4eX_coil3_err_mean vs run

dit_4eX_coil3_Ndata_mean vs run

dit_11X12X_coil3_mean vs run

dit_11X12X_coil3_err_mean vs run

dit_11X12X_coil3_Ndata_mean vs run

dit_4aY_coil3_mean vs run
χ^2 / ndf 8.89e+32 / 84
p0 5.305 ± 1.085e−16
pull
Entries 85
Mean 8.862e+08
Std Dev 8.862e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aY_coil3_err_mean vs run

dit_4aY_coil3_Ndata_mean vs run

dit_4eY_coil3_mean vs run
χ^2 / ndf 7.193e+32 / 84
p0 5.572 ± 1.085e−16
pull
Entries 85
Mean 8.536e+08
Std Dev 8.536e+08
$\times 10^{12}$

pull1D
Entries 85
Mean 0
Std Dev 0

dit_4eY_coil3_err_mean vs run

dit_4eY_coil3_Ndata_mean vs run

dit_usl_coil3_mean vs run
χ² / ndf 8.397e+37 / 84
p0 6381± 1.085e−16
pull
Entries 85
Mean 8.538e+08
Std Dev 8.538e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_usl_coil3_err_mean vs run
χ² / ndf 2.403e+35 / 84
p0 233.1± 1.085e−16
pull
Entries 85
Mean −3.252e+09
Std Dev 3.252e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_usl_coil3_Ndata_mean vs run

dit_usr_coil3_mean vs run
χ² / ndf 6.195e+37 / 84
p0 –5427 ± 1.085e–16
0
–1000
–2000
–3000
–4000
–5000
–6000
pull
Entries 85
Mean –2.948e+09
Std Dev 2.948e+09
×10¹⁵
5000
4000
3000
2000
1000
0
pull1D
Entries 85
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_usr_coil3_err_mean vs run
χ² / ndf 1.39e+35 / 84
p0 208.9 ± 1.085e−16
pull
Entries 85
Mean 9.706e+08
Std Dev 9.706e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_usr_coil3_Ndata_mean vs run
χ² / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl1_coil3_mean vs run
χ² / ndf 2.806e+37 / 84
p0 −3574 ± 1.085e−16
pull
Entries 85
Mean 9.171e+08
Std Dev 9.171e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl1_coil3_err_mean vs run
χ² / ndf 1.189e+35 / 84
p0 190.6 ± 1.085e−16
pull
Entries 85
Mean −1.021e+09
Std Dev 1.021e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl1_coil3_Ndata_mean vs run

dit_atl2_coil3_mean vs run
χ² / ndf 2.713e+38 / 84
p0 1.083e+04 ± 1.085e−16
14000
12000
10000
8000
6000
4000
2000
0
pull
Entries 85
Mean −1.538e+09
Std Dev 1.538e+09
×10¹⁵
2000
0
−2000
−4000
−6000
−8000
−10000
pull1D
Entries 85
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_atl2_coil3_err_mean vs run
χ² / ndf 5.196e+36 / 84
p0 868.4 ± 1.085e−16
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.33e+09
Std Dev 1.33e+09
×10¹⁵
600
400
200
0
−200
−400
−600
−800
pull1D
Entries 85
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_atl2_coil3_Ndata_mean vs run

dit_atr1_coil3_mean vs run
χ^2 / ndf 6.002e+37 / 84
p0 5384 ± 1.085e−16
6000
5000
4000
3000
2000
1000
0
pull
Entries 85
Mean −1.02e+09
Std Dev 1.02e+09
×10^15
0
−1000
−2000
−3000
−4000
−5000

pull1D
Entries 85
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_atr1_coil3_err_mean vs run
χ² / ndf 1.68e+35 / 84
p0 217.2 ± 1.085e−16
pull
Entries 85
Mean −1.916e+09
Std Dev 1.916e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr1_coil3_Ndata_mean vs run
χ² / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
×10¹⁵
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_atr2_coil3_mean vs run
χ² / ndf 1.237e+38 / 84
p0 –6603 ± 1.085e–16
pull
Entries 85
Mean 3.499e+08
Std Dev 3.499e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr2_coil3_err_mean vs run
χ² / ndf 2.519e+36 / 84
p0 733.4 ± 1.085e−16
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −8.791e+08
Std Dev 8.791e+08
400
200
0
−200
−400
−600

pull1D
Entries 85
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_atr2_coil3_Ndata_mean vs run

dit_sam1_coil3_mean vs run
χ^2 / ndf 2.733e+36 / 84
p0 694.1± 1.085e−16
pull
Entries 85
Mean 7.954e+08
Std Dev 7.954e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam1_coil3_err_mean vs run
χ² / ndf 8.718e+33 / 84
p0 32.27 ± 1.085e−16
pull
Entries 85
Mean 1.479e+09
Std Dev 1.479e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam1_coil3_Ndata_mean vs run
χ² / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam2_coil3_mean vs run
χ² / ndf inf / 84
p0 1.782e+04 ± 1.085e−16
20000
15000
10000
5000
0
pull
Entries 85
Mean −2.865e+10
Std Dev 2.865e+10
×10¹⁸
2
0
−2
−4
−6
−8
−10
−12
−14
−16
−18

pull1D
Entries 85
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_sam2_coil3_err_mean vs run

dit_sam2_coil3_Ndata_mean vs run
χ^2 / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam3_coil3_mean vs run
χ² / ndf 2.516e+38 / 84
p0 1.103e+04 ± 1.085e−16
12000
10000
8000
6000
4000
2000
0
pull
Entries 85
Mean −1.76e+10
Std Dev 1.76e+10
×10¹⁵
0
−2000
−4000
−6000
−8000
−10000

pull1D
Entries 85
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_sam3_coil3_err_mean vs run
χ^2 / ndf 4.444e+35 / 84
p0 385.7 ± 1.085e−16
500
400
300
200
100
0
pull
Entries 85
Mean −6.96e+08
Std Dev 6.96e+08
×10^15
0
−100
−200
−300
−400

pull1D
Entries 85
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_sam3_coil3_Ndata_mean vs run
χ^2 / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
×10^15
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_sam4_coil3_mean vs run
χ² / ndf inf / 84
p0 1.978e+04 ± 1.085e−16
20000
15000
10000
5000
0
pull
Entries 85
Mean −1.105e+10
Std Dev 1.105e+10
×10¹⁸
0
−5
−10
−15
−20

pull1D
Entries 85
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_sam4_coil3_err_mean vs run
χ^2 / ndf 1.321e+36 / 84
p0 651.8 ± 1.085e−16
pull
Entries 85
Mean −1.204e+09
Std Dev 1.204e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam4_coil3_Ndata_mean vs run
χ^2 / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam5_coil3_mean vs run
χ^2 / ndf 1.879e+37 / 84
p0 728.6 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −3.667e+09
Std Dev 3.667e+09
1500
1000
500
0
−500

pull1D
Entries 85
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_sam5_coil3_err_mean vs run
χ^2 / ndf 2.859e+34 / 84
p0 78.63 ± 1.085e−16
100
80
60
40
20
0
pull
Entries 85
Mean 3.944e+09
Std Dev 3.944e+09
20
0
−20
−40
−60
−80

pull1D
Entries 85
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_sam5_coil3_Ndata_mean vs run
χ² / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam6_coil3_mean vs run
χ² / ndf 6.13e+37 / 84
p0 –4998 ± 1.085e–16
0
–1000
–2000
–3000
–4000
–5000
pull
Entries 85
Mean 2.817e+10
Std Dev 2.817e+10
×10¹⁵
5000
4000
3000
2000
1000
0
pull1D
Entries 85
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_sam6_coil3_err_mean vs run
χ² / ndf 8.21e+34 / 84
p0 162.5 ± 1.085e−16
pull
Entries 85
Mean 8.52e+08
Std Dev 8.52e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam6_coil3_Ndata_mean vs run
χ^2 / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
400
200
0
−200
−400
−600
−800
−1000
−1200

pull1D
Entries 85
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_sam7_coil3_mean vs run
χ^2 / ndf 3.589e+37 / 84
p0 4171± 1.085e−16
4000
3000
2000
1000
0
pull
Entries 85
Mean 2.864e+09
Std Dev 2.864e+09
×10^15
0
−500
−1000
−1500
−2000
−2500
−3000
−3500
−4000

pull1D
Entries 85
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_sam7_coil3_err_mean vs run
χ² / ndf 5.172e+34 / 84
p0 120.4 ± 1.085e−16
pull
Entries 85
Mean −1.486e+09
Std Dev 1.486e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam7_coil3_Ndata_mean vs run
χ² / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam8_coil3_mean vs run
χ^2 / ndf 2.198e+37 / 84
p0 3269 ± 1.085e−16
3500
3000
2500
2000
1500
1000
500
0
pull
Entries 85
Mean 9.987e+08
Std Dev 9.987e+08
×10^15
0
−500
−1000
−1500
−2000
−2500
−3000

pull1D
Entries 85
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_sam8_coil3_err_mean vs run
χ² / ndf 3.643e+34 / 84
p0 97.77 ± 1.085e−16
140
120
100
80
60
40
20
0
pull
Entries 85
Mean −1.485e+09
Std Dev 1.485e+09
×10¹⁵
40
20
0
−20
−40
−60
−80
−100

pull1D
Entries 85
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_sam8_coil3_Ndata_mean vs run
χ² / ndf 8.517e+36 / 84
p0 1175 ± 1.085e−16
pull
Entries 85
Mean −1.041e+09
Std Dev 1.041e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aX_coil7_mean vs run
χ^2 / ndf 2.318e+33 / 84
p0 23.67 ± 1.085e−16
pull
Entries 85
Mean 1.814e+09
Std Dev 1.814e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aX_coil7_err_mean vs run

dit_4aX_coil7_Ndata_mean vs run

dit_4eX_coil7_mean vs run
χ^2 / ndf 1.996e+33 / 84
p0 21.88 ± 1.085e−16
pull
Entries 85
Mean 5.318e+09
Std Dev 5.318e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4eX_coil7_err_mean vs run

dit_4eX_coil7_Ndata_mean vs run

dit_11X12X_coil7_mean vs run

dit_11X12X_coil7_err_mean vs run

dit_11X12X_coil7_Ndata_mean vs run

dit_4aY_coil7_mean vs run
χ^2 / ndf 2.497e+34 / 84
p0 −3.018 ± 1.085e−16
pull
Entries 85
Mean −8.982e+08
Std Dev 8.982e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aY_coil7_err_mean vs run
χ² / ndf 5.729e+31 / 84
p0 1.741± 1.085e−16
pull
Entries 85
Mean −2.106e+09
Std Dev 2.106e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aY_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4eY_coil7_mean vs run

dit_4eY_coil7_err_mean vs run

dit_4eY_coil7_Ndata_mean vs run
χ² / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_usl_coil7_mean vs run
χ² / ndf inf / 84
p0 2.181e+04 ± 1.085e−16
25000
20000
15000
10000
5000
0
pull
Entries 85
Mean 8.669e+07
Std Dev 8.668e+07
×10¹⁸
0
−5
−10
−15
−20
pull1D
Entries 85
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_usl_coil7_err_mean vs run
χ² / ndf 1.823e+36 / 84
p0 737.2 ± 1.085e−16
1000
800
600
400
200
0
pull
Entries 85
Mean 1.819e+09
Std Dev 1.819e+09
×10¹⁵
200
0
−200
−400
−600

pull1D
Entries 85
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_usl_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_usr_coil7_mean vs run
χ² / ndf inf / 84
p0 2.085e+04 ± 1.085e−16
20000
15000
10000
5000
0
pull
Entries 85
Mean −1.229e+07
Std Dev 1.23e+07
×10¹⁸
0
−5
−10
−15
−20
pull1D
Entries 85
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_usr_coil7_err_mean vs run
χ² / ndf 1.795e+36 / 84
p0 670.7 ± 1.085e−16
800
600
400
200
0
pull
Entries 85
Mean 2.802e+09
Std Dev 2.802e+09
×10¹⁵
200
100
0
−100
−200
−300
−400
−500
−600
−700

pull1D
Entries 85
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_usr_coil7_Ndata_mean vs run
χ² / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl1_coil7_mean vs run
χ² / ndf inf / 84
p0 1.831e+04 ± 1.085e−16
20000
15000
10000
5000
0
pull
Entries 85
Mean −3.876e+08
Std Dev 3.876e+08
×10¹⁸
2
0
−2
−4
−6
−8
−10
−12
−14
−16
−18
pull1D
Entries 85
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_atl1_coil7_err_mean vs run
χ² / ndf 1.434e+36 / 84
p0 683.1± 1.085e−16
800
600
400
200
0
pull
Entries 85
Mean 5.004e+09
Std Dev 5.004e+09
×10¹⁵
200
100
0
−100
−200
−300
−400
−500
−600
−700

pull1D
Entries 85
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_atl1_coil7_Ndata_mean vs run
χ² / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl2_coil7_mean vs run
×10^3
160
140
120
100
80
60
40
20
0
χ² / ndf inf / 84
p0 1.403e+05 ± 1.085e−16
×10^18
0
−20
−40
−60
−80
−100
−120
−140
pull
Entries 85
Mean 4.823e+08
Std Dev 4.823e+08

pull1D
Entries 85
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_atl2_coil7_err_mean vs run

dit_atl2_coil7_Ndata_mean vs run
χ² / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr1_coil7_mean vs run
χ² / ndf inf / 84
p0 1.447e+04 ± 1.085e−16
16000
14000
12000
10000
8000
6000
4000
2000
0
pull
Entries 85
Mean 2.282e+09
Std Dev 2.282e+09
×10^18
2
0
−2
−4
−6
−8
−10
−12
−14

pull1D
Entries 85
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_atr1_coil7_err_mean vs run
χ² / ndf 1.327e+36 / 84
p0 701.9 ± 1.085e−16
800
600
400
200
0
pull
Entries 85
Mean −1.019e+09
Std Dev 1.019e+09
×10¹⁵
200
100
0
−100
−200
−300
−400
−500
−600
−700

pull1D
Entries 85
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_atr1_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr2_coil7_mean vs run
×10^3
140
120
100
80
60
40
20
0
χ² / ndf inf / 84
p0 1.204e+05 ± 1.085e−16
×10^18
0
−20
−40
−60
−80
−100
−120
pull
Entries 85
Mean 9.242e+08
Std Dev 9.242e+08

pull1D
Entries 85
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_atr2_coil7_err_mean vs run
χ^2 / ndf 3.423e+37 / 84
p0 2895 ± 1.085e−16
pull
Entries 85
Mean 6.973e+08
Std Dev 6.973e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr2_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam1_coil7_mean vs run
χ^2 / ndf 4.86e+37 / 84
p0 −219 ± 1.085e−16
0
−500
−1000
−1500
−2000
−2500
−3000
pull
Entries 85
Mean −4.733e+08
Std Dev 4.733e+08
×10^15
pull1D
Entries 85
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_sam1_coil7_err_mean vs run
χ² / ndf 1.485e+35 / 84
p0 105.3 ± 1.085e−16
pull
Entries 85
Mean 1.312e+09
Std Dev 1.312e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam1_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam2_coil7_mean vs run
χ² / ndf inf / 84
p0 −4414 ± 1.085e−16
0
−2000
−4000
−6000
−8000
−10000
−12000
−14000
−16000
pull
Entries 85
Mean −1.723e+09
Std Dev 1.723e+09
×10¹⁵
4000
2000
0
−2000
−4000
−6000
−8000
−10000
pull1D
Entries 85
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_sam2_coil7_err_mean vs run
χ^2 / ndf 1.081e+37 / 84
p0 1411± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.869e+09
Std Dev 1.869e+09
×10^15
500
0
−500
−1000
−1500
pull1D
Entries 85
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_sam2_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam3_coil7_mean vs run

dit_sam3_coil7_err_mean vs run
χ^2 / ndf 6.471e+36 / 84
p0 1019 ± 1.085e−16
pull
Entries 85
Mean −2.868e+10
Std Dev 2.868e+10

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam3_coil7_Ndata_mean vs run
χ² / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam4_coil7_mean vs run

dit_sam4_coil7_err_mean vs run
χ² / ndf 2.383e+37 / 84
p0 1767 ± 1.085e−16
3000
2500
2000
1500
1000
500
0
pull
Entries 85
Mean −2.145e+09
Std Dev 2.145e+09
×10¹⁵
1000
500
0
−500
−1000
−1500

pull1D
Entries 85
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_sam4_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam5_coil7_mean vs run
χ^2 / ndf inf / 84
p0 −394.9 ± 1.085e−16
8000
6000
4000
2000
0
−2000
pull
Entries 85
Mean 8.692e+08
Std Dev 8.692e+08
×10^15
8000
6000
4000
2000
0

pull1D
Entries 85
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_sam5_coil7_err_mean vs run
χ^2 / ndf 9.522e+35 / 84
p0 310.6 ± 1.085e−16
pull
Entries 85
Mean 2.21e+09
Std Dev 2.21e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam5_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam6_coil7_mean vs run

dit_sam6_coil7_err_mean vs run
χ² / ndf 1.505e+36 / 84
p0 433.5 ± 1.085e−16
pull
Entries 85
Mean −1.137e+09
Std Dev 1.137e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam6_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
×10^15
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_sam7_coil7_mean vs run
χ² / ndf 4.735e+36 / 84
p0 –1009 ± 1.085e–16
0
–200
–400
–600
–800
–1000
–1200
–1400
pull
Entries 85
Mean 3.212e+09
Std Dev 3.212e+09
×10¹⁵
1000
800
600
400
200
0
–200
–400
pull1D
Entries 85
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_sam7_coil7_err_mean vs run
χ^2 / ndf 7.817e+35 / 84
p0 295.6 ± 1.085e−16
pull
Entries 85
Mean 5.751e+08
Std Dev 5.751e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam7_coil7_Ndata_mean vs run
χ^2 / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
×10^15
200
0
−200
−400
−600
−800
−1000
−1200
−1400
pull1D
Entries 85
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_sam8_coil7_mean vs run
χ^2 / ndf 1.984e+36 / 84
p0 −752.3 ± 1.085e−16
0
−200
−400
−600
−800
pull
Entries 85
Mean −1.724e+10
Std Dev 1.724e+10
×10^15
700
600
500
400
300
200
100
0
−100
pull1D
Entries 85
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_sam8_coil7_err_mean vs run
χ^2 / ndf 6.535e+35 / 84
p0 249.1± 1.085e−16
500
400
300
200
100
0
pull
Entries 85
Mean −2.414e+09
Std Dev 2.414e+09
×10^15
200
100
0
−100
−200
pull1D
Entries 85
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_sam8_coil7_Ndata_mean vs run
χ² / ndf 8.982e+36 / 84
p0 1340 ± 1.085e−16
pull
Entries 85
Mean −1.132e+10
Std Dev 1.132e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aX_coil4_mean vs run
χ² / ndf 2.888e+32 / 84
p0 1.357 ± 1.085e−16
pull
Entries 85
Mean −3.349e+08
Std Dev 3.349e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aX_coil4_err_mean vs run
χ^2 / ndf 3.193e+32 / 84
p0 6.487 ± 1.085e−16
pull
Entries 85
Mean −1.436e+08
Std Dev 1.436e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aX_coil4_Ndata_mean vs run

dit_4eX_coil4_mean vs run

dit_4eX_coil4_err_mean vs run

dit_4eX_coil4_Ndata_mean vs run

dit_11X12X_coil4_mean vs run

dit_11X12X_coil4_err_mean vs run

dit_11X12X_coil4_Ndata_mean vs run

dit_4aY_coil4_mean vs run

dit_4aY_coil4_err_mean vs run

dit_4aY_coil4_Ndata_mean vs run

dit_4eY_coil4_mean vs run
χ² / ndf 1.054e+35 / 84
p0 191.7 ± 1.085e−16
200
150
100
50
0
pull
Entries 85
Mean −2.215e+09
Std Dev 2.215e+09
×10¹⁵
0
−50
−100
−150
−200
pull1D
Entries 85
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_4eY_coil4_err_mean vs run

dit_4eY_coil4_Ndata_mean vs run

dit_usl_coil4_mean vs run
χ² / ndf 8.993e+37 / 84
p0 5946 ± 1.085e−16
pull
Entries 85
Mean −6.856e+08
Std Dev 6.856e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_usl_coil4_err_mean vs run
χ² / ndf 2.092e+36 / 84
p0 594.3 ± 1.085e−16
1000
800
600
400
200
0
pull
Entries 85
Mean −3.69e+08
Std Dev 3.69e+08
×10¹⁵
200
0
−200
−400
−600
pull1D
Entries 85
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_usl_coil4_Ndata_mean vs run
χ² / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_usr_coil4_mean vs run
χ^2 / ndf 7.161e+37 / 84
p0 4861± 1.085e−16
6000
5000
4000
3000
2000
1000
0
pull
Entries 85
Mean 2.933e+09
Std Dev 2.933e+09
×10^15
1000
0
−1000
−2000
−3000
−4000
−5000

pull1D
Entries 85
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_usr_coil4_err_mean vs run
χ² / ndf 1.786e+36 / 84
p0 539.9 ± 1.085e−16
800
600
400
200
0
pull
Entries 85
Mean −4.467e+08
Std Dev 4.467e+08
×10¹⁵
300
200
100
0
−100
−200
−300
−400
−500

pull1D
Entries 85
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_usr_coil4_Ndata_mean vs run

dit_atl1_coil4_mean vs run
χ² / ndf 2.332e+37 / 84
p0 847 ± 1.085e−16
1500
1000
500
0
−500
−1000
−1500
−2000
pull
Entries 85
Mean 1.032e+09
Std Dev 1.032e+09
×10¹⁵
500
0
−500
−1000
−1500
−2000
−2500
pull1D
Entries 85
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_atl1_coil4_err_mean vs run
χ^2 / ndf 2.367e+36 / 84
p0 549 ± 1.085e−16
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 8.042e+08
Std Dev 8.042e+08
×10^15
600
400
200
0
−200
−400
−600
pull1D
Entries 85
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_atl1_coil4_Ndata_mean vs run
χ^2 / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl2_coil4_mean vs run
χ² / ndf inf / 84
p0 3.746e+04 ± 1.085e−16
40000
30000
20000
10000
0
pull
Entries 85
Mean −1.153e+09
Std Dev 1.153e+09
×10¹⁸
5
0
−5
−10
−15
−20
−25
−30
−35
pull1D
Entries 85
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_atl2_coil4_err_mean vs run
χ² / ndf 4.897e+37 / 84
p0 2691± 1.085e−16
5000
4000
3000
2000
1000
0
pull
Entries 85
Mean −4.042e+09
Std Dev 4.042e+09
×10¹⁵
2000
1000
0
−1000
−2000
pull1D
Entries 85
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_atl2_coil4_Ndata_mean vs run
χ^2 / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
×10^15
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_atr1_coil4_mean vs run
χ² / ndf 7.846e+36 / 84
p0 −353.4 ± 1.085e−16
200
0
−200
−400
−600
−800
−1000
−1200
pull
Entries 85
Mean −3.796e+09
Std Dev 3.796e+09
×10¹⁵
400
200
0
−200
−400
−600
−800
pull1D
Entries 85
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_atr1_coil4_err_mean vs run

dit_atr1_coil4_Ndata_mean vs run
χ² / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr2_coil4_mean vs run
χ² / ndf inf / 84
p0 3.16e+04 ± 1.085e−16
40000
35000
30000
25000
20000
15000
10000
5000
0
pull
Entries 85
Mean 1.773e+09
Std Dev 1.773e+09
×10¹⁸
5
0
−5
−10
−15
−20
−25
−30
pull1D
Entries 85
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_atr2_coil4_err_mean vs run

dit_atr2_coil4_Ndata_mean vs run
χ^2 / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam1_coil4_mean vs run
χ² / ndf 2.104e+38 / 84
p0 −7498 ± 1.085e−16
0
−2000
−4000
−6000
−8000
−10000
pull
Entries 85
Mean −6.296e+08
Std Dev 6.296e+08
×10¹⁵
6000
4000
2000
0
−2000
pull1D
Entries 85
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_sam1_coil4_err_mean vs run
χ² / ndf 4.554e+35 / 84
p0 91.49 ± 1.085e−16
500
400
300
200
100
0
pull
Entries 85
Mean −5.219e+09
Std Dev 5.219e+09
×10¹⁵
400
300
200
100
0
−100
pull1D
Entries 85
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_sam1_coil4_Ndata_mean vs run
χ^2 / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
×10^15
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_sam2_coil4_mean vs run
χ² / ndf inf / 84
p0 −3.87e+04 ± 1.085e−16
0
−10000
−20000
−30000
−40000
−50000
pull
Entries 85
Mean 9.307e+08
Std Dev 9.307e+08
×10¹⁸
40
30
20
10
0
pull1D
Entries 85
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_sam2_coil4_err_mean vs run
χ^2 / ndf 9.955e+36 / 84
p0 1144 ± 1.085e−16
2000
1500
1000
500
0
pull
Entries 85
Mean −1.446e+09
Std Dev 1.446e+09
×10^15
1000
500
0
−500
−1000

pull1D
Entries 85
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_sam2_coil4_Ndata_mean vs run
χ² / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam3_coil4_mean vs run
χ^2 / ndf 4.006e+37 / 84
p0 4097 ± 1.085e−16
5000
4000
3000
2000
1000
0
pull
Entries 85
Mean 9.841e+08
Std Dev 9.841e+08
×10^15
0
−1000
−2000
−3000
−4000

pull1D
Entries 85
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_sam3_coil4_err_mean vs run
χ² / ndf 4.578e+36 / 84
p0 828.8 ± 1.085e−16
pull
Entries 85
Mean −3.416e+08
Std Dev 3.416e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam3_coil4_Ndata_mean vs run
χ^2 / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
×10^15
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_sam4_coil4_mean vs run
χ² / ndf inf / 84
p0 4.928e+04 ± 1.085e−16
60000
50000
40000
30000
20000
10000
0
pull
Entries 85
Mean 7.747e+08
Std Dev 7.747e+08
×10¹⁸
10
0
−10
−20
−30
−40
−50
pull1D
Entries 85
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_sam4_coil4_err_mean vs run
χ² / ndf 1.763e+37 / 84
p0 1509 ± 1.085e−16
3000
2500
2000
1500
1000
500
0
pull
Entries 85
Mean 3.095e+09
Std Dev 3.095e+09
×10¹⁵
1000
500
0
−500
−1000
−1500
pull1D
Entries 85
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_sam4_coil4_Ndata_mean vs run
χ^2 / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
×10^15
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_sam5_coil4_mean vs run
χ² / ndf inf / 84
p0 3.049e+04 ± 1.085e−16
40000
35000
30000
25000
20000
15000
10000
5000
0
pull
Entries 85
Mean −1.575e+09
Std Dev 1.575e+09
×10¹⁸
5
0
−5
−10
−15
−20
−25
−30

pull1D
Entries 85
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_sam5_coil4_err_mean vs run
χ² / ndf 4.98e+36 / 84
p0 266.2 ± 1.085e−16
pull
Entries 85
Mean 2.407e+09
Std Dev 2.407e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam5_coil4_Ndata_mean vs run
χ^2 / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
×10^15
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_sam6_coil4_mean vs run
χ² / ndf inf / 84
p0 2.256e+04 ± 1.085e−16
25000
20000
15000
10000
5000
0
pull
Entries 85
Mean −7.97e+08
Std Dev 7.97e+08
×10¹⁸
5
0
−5
−10
−15
−20
pull1D
Entries 85
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_sam6_coil4_err_mean vs run
χ² / ndf 2.781e+36 / 84
p0 371.3 ± 1.085e−16
pull
Entries 85
Mean −1.732e+09
Std Dev 1.732e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam6_coil4_Ndata_mean vs run
χ² / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam7_coil4_mean vs run
χ² / ndf 6.136e+36 / 84
p0 –1435 ± 1.085e–16
0
–200
–400
–600
–800
–1000
–1200
–1400
–1600
–1800
pull
Entries 85
Mean –5.054e+08
Std Dev 5.054e+08
×10¹⁵
1400
1200
1000
800
600
400
200
0
–200

pull1D
Entries 85
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_sam7_coil4_err_mean vs run
χ² / ndf 3.492e+35 / 84
p0 242.5 ± 1.085e−16
pull
Entries 85
Mean 3.514e+09
Std Dev 3.514e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam7_coil4_Ndata_mean vs run
χ² / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam8_coil4_mean vs run
χ² / ndf 8.755e+36 / 84
p0 1736 ± 1.085e−16
3000
2500
2000
1500
1000
500
0
pull
Entries 85
Mean 9.209e+08
Std Dev 9.209e+08
1000
500
0
−500
−1000
−1500

pull1D
Entries 85
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_sam8_coil4_err_mean vs run
χ² / ndf 4.026e+35 / 84
p0 209.2 ± 1.085e−16
pull
Entries 85
Mean −7.614e+07
Std Dev 7.614e+07

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam8_coil4_Ndata_mean vs run
χ^2 / ndf 1.31e+37 / 84
p0 1192 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean −1.136e+09
Std Dev 1.136e+09
×10^15
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_4aX_coil6_mean vs run

dit_4aX_coil6_err_mean vs run
χ^2 / ndf 4.854e+31 / 84
p0 2.352 ± 1.085e−16
pull
Entries 85
Mean 1.383e+09
Std Dev 1.383e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_4aX_coil6_Ndata_mean vs run

dit_4eX_coil6_mean vs run
χ² / ndf 1.742e+32 / 84
p0 1.288 ± 1.085e−16
pull
Entries 85
Mean 8.779e+09
Std Dev 8.779e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_4eX_coil6_err_mean vs run

dit_4eX_coil6_Ndata_mean vs run

dit_11X12X_coil6_mean vs run

dit_11X12X_coil6_err_mean vs run

dit_11X12X_coil6_Ndata_mean vs run

dit_4aY_coil6_mean vs run

dit_4aY_coil6_err_mean vs run

dit_4aY_coil6_Ndata_mean vs run

dit_4eY_coil6_mean vs run

dit_4eY_coil6_err_mean vs run

dit_4eY_coil6_Ndata_mean vs run

dit_usl_coil6_mean vs run
χ² / ndf 4.465e+36 / 84
p0 −1101 ± 1.085e−16
0
−200
−400
−600
−800
−1000
−1200
−1400
pull
Entries 85
Mean 1.176e+09
Std Dev 1.176e+09
×10¹⁵
1000
800
600
400
200
0
−200
pull1D
Entries 85
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_usl_coil6_err_mean vs run
χ² / ndf 2.034e+35 / 84
p0 205.6 ± 1.085e−16
pull
Entries 85
Mean −2.846e+08
Std Dev 2.846e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_usl_coil6_Ndata_mean vs run
χ² / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_usr_coil6_mean vs run
χ² / ndf 3.543e+36 / 84
p0 −701.7 ± 1.085e−16
0
−200
−400
−600
−800
−1000
pull
Entries 85
Mean −4.697e+08
Std Dev 4.697e+08
×10¹⁵
600
400
200
0
−200
pull1D
Entries 85
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_usr_coil6_err_mean vs run
χ^2 / ndf 1.468e+35 / 84
p0 184.9 ± 1.085e−16
pull
Entries 85
Mean −1.066e+08
Std Dev 1.066e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_usr_coil6_Ndata_mean vs run
χ² / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl1_coil6_mean vs run
χ² / ndf 1.589e+36 / 84
p0 355.1± 1.085e−16
pull
Entries 85
Mean −1.119e+09
Std Dev 1.119e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl1_coil6_err_mean vs run
χ² / ndf 1.134e+35 / 84
p0 183.1± 1.085e−16
pull
Entries 85
Mean −5.809e+08
Std Dev 5.809e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl1_coil6_Ndata_mean vs run
χ² / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
×10¹⁵
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_atl2_coil6_mean vs run
χ² / ndf 1.566e+38 / 84
p0 –6952 ± 1.085e–16
pull
Entries 85
Mean –8.025e+08
Std Dev 8.025e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atl2_coil6_err_mean vs run
χ² / ndf 4.405e+36 / 84
p0 887 ± 1.085e−16
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 6.128e+08
Std Dev 6.128e+08
×10¹⁵
400
200
0
−200
−400
−600
−800

pull1D
Entries 85
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_atl2_coil6_Ndata_mean vs run
χ^2 / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr1_coil6_mean vs run
χ^2 / ndf 1.923e+36 / 84
p0 535.2 ± 1.085e−16
pull
Entries 85
Mean −3.832e+09
Std Dev 3.832e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr1_coil6_err_mean vs run

dit_atr1_coil6_Ndata_mean vs run
χ^2 / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr2_coil6_mean vs run
χ^2 / ndf 1.249e+38 / 84
p0 –5658 ± 1.085e–16
pull
Entries 85
Mean 1.952e+08
Std Dev 1.952e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_atr2_coil6_err_mean vs run
χ² / ndf 2.161e+36 / 84
p0 754.2 ± 1.085e−16
1000
800
600
400
200
0
pull
Entries 85
Mean 7.969e+08
Std Dev 7.969e+08
×10¹⁵
200
0
−200
−400
−600
−800
pull1D
Entries 85
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_atr2_coil6_Ndata_mean vs run
χ^2 / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
400
200
0
−200
−400
−600
−800
−1000
−1200

pull1D
Entries 85
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_sam1_coil6_mean vs run
χ² / ndf 1.68e+37 / 84
p0 −2543 ± 1.085e−16
0
−500
−1000
−1500
−2000
−2500
−3000
−3500
pull
Entries 85
Mean 1.073e+10
Std Dev 1.073e+10
×10¹⁵
2500
2000
1500
1000
500
0
−500
pull1D
Entries 85
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_sam1_coil6_err_mean vs run
χ^2 / ndf 9.116e+33 / 84
p0 29.41± 1.085e−16
pull
Entries 85
Mean −5.805e+09
Std Dev 5.805e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam1_coil6_Ndata_mean vs run
χ^2 / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
400
200
0
−200
−400
−600
−800
−1000
−1200

pull1D
Entries 85
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_sam2_coil6_mean vs run
χ² / ndf 9.931e+37 / 84
p0 3971± 1.085e−16
5000
4000
3000
2000
1000
0
pull
Entries 85
Mean −5.631e+08
Std Dev 5.631e+08
1000
0
−1000
−2000
−3000
−4000

pull1D
Entries 85
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_sam2_coil6_err_mean vs run
χ² / ndf 1.324e+36 / 84
p0 404.5 ± 1.085e−16
600
500
400
300
200
100
0
pull
Entries 85
Mean −1.267e+09
Std Dev 1.267e+09
×10¹⁵
200
100
0
−100
−200
−300
−400

pull1D
Entries 85
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_sam2_coil6_Ndata_mean vs run
χ^2 / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
400
200
0
−200
−400
−600
−800
−1000
−1200

pull1D
Entries 85
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_sam3_coil6_mean vs run
χ² / ndf 4.605e+36 / 84
p0 –1010 ± 1.085e–16
0
–200
–400
–600
–800
–1000
–1200
–1400
pull
Entries 85
Mean –9.783e+08
Std Dev 9.783e+08
×10¹⁵
1000
800
600
400
200
0
–200

pull1D
Entries 85
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_sam3_coil6_err_mean vs run
χ² / ndf 8.293e+35 / 84
p0 303.2 ± 1.085e−16
pull
Entries 85
Mean −5.614e+08
Std Dev 5.614e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam3_coil6_Ndata_mean vs run
χ² / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
×10¹⁵
400
200
0
−200
−400
−600
−800
−1000
−1200

pull1D
Entries 85
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_sam4_coil6_mean vs run
χ² / ndf 1.335e+38 / 84
p0 –6115 ± 1.085e–16
pull
Entries 85
Mean 5.457e+08
Std Dev 5.457e+08
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam4_coil6_err_mean vs run
χ² / ndf 2.593e+36 / 84
p0 537.3 ± 1.085e−16
800
600
400
200
0
pull
Entries 85
Mean −4.814e+08
Std Dev 4.814e+08
×10¹⁵
300
200
100
0
−100
−200
−300
−400
−500
pull1D
Entries 85
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_sam4_coil6_Ndata_mean vs run

dit_sam5_coil6_mean vs run
χ² / ndf 3.006e+37 / 84
p0 −684 ± 1.085e−16
1000
500
0
−500
−1000
pull
Entries 85
Mean −1.682e+09
Std Dev 1.682e+09
×10¹⁵
2000
1500
1000
500
0
pull1D
Entries 85
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_sam5_coil6_err_mean vs run

dit_sam5_coil6_Ndata_mean vs run
χ^2 / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
400
200
0
−200
−400
−600
−800
−1000
−1200

pull1D
Entries 85
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_sam6_coil6_mean vs run
χ² / ndf 2.076e+37 / 84
p0 −671.2 ± 1.085e−16
1000
500
0
−500
−1000
pull
Entries 85
Mean 1.176e+09
Std Dev 1.176e+09
×10¹⁵
1600
1400
1200
1000
800
600
400
200
0
−200
−400

pull1D
Entries 85
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_sam6_coil6_err_mean vs run
χ² / ndf 1.165e+35 / 84
p0 120.6 ± 1.085e−16
pull
Entries 85
Mean 1.068e+09
Std Dev 1.068e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam6_coil6_Ndata_mean vs run
χ^2 / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
400
200
0
−200
−400
−600
−800
−1000
−1200

pull1D
Entries 85
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_sam7_coil6_mean vs run
χ² / ndf 9.548e+35 / 84
p0 537.2 ± 1.085e−16
pull
Entries 85
Mean 1.936e+10
Std Dev 1.936e+10
pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam7_coil6_err_mean vs run
χ^2 / ndf 8.791e+34 / 84
p0 89.31± 1.085e−16
pull
Entries 85
Mean −4.421e+08
Std Dev 4.421e+08

pull1D
Entries 85
Mean 0
Std Dev 0

dit_sam7_coil6_Ndata_mean vs run
χ^2 / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
1600
1400
1200
1000
800
600
400
200
0
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09
×10^15
400
200
0
−200
−400
−600
−800
−1000
−1200
pull1D
Entries 85
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_sam8_coil6_mean vs run
χ² / ndf 2.3e+37 / 84
p0 −3290 ± 1.085e−16
0
−500
−1000
−1500
−2000
−2500
−3000
−3500
pull
Entries 85
Mean −1.978e+09
Std Dev 1.978e+09
×10¹⁵
3000
2500
2000
1500
1000
500
0
pull1D
Entries 85
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_sam8_coil6_err_mean vs run
χ² / ndf 8.58e+34 / 84
p0 76.6 ± 1.085e−16
160
140
120
100
80
60
40
20
0
pull
Entries 85
Mean −1.04e+09
Std Dev 1.04e+09
×10¹⁵
80
60
40
20
0
−20
−40
−60
−80

pull1D
Entries 85
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_sam8_coil6_Ndata_mean vs run
χ^2 / ndf 8.544e+36 / 84
p0 1120 ± 1.085e−16
pull
Entries 85
Mean 1.645e+09
Std Dev 1.645e+09

pull1D
Entries 85
Mean 0
Std Dev 0

dit_run_mean vs run
χ^2 / ndf 8.484e+07 / 84
p0 6436 ± 109
7000
6000
5000
4000
3000
2000
1000
0

pull1D
Entries 85
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

dit_run_rms vs run

dit_slug_slope vs run
χ^2 / ndf 0 / 84
p0 141 ± 0.1085
142
141.8
141.6
141.4
141.2
141

pull1D
Entries 85
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

dit_cyclenum_mean vs run
χ^2 / ndf 8.434e+07 / 84
p0 6416 ± 108.7
7000
6000
5000
4000
3000
2000
1000
0

pull1D
Entries 85
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

dit_cyclenum_rms vs run

dit_scandata1_mean vs run
χ^2 / ndf 0 / 84
p0 0 ± 0.1085
1
0.8
0.6
0.4
0.2
0

pull1D
Entries 85
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

dit_scandata1_rms vs run

dit_scandata2_mean vs run
χ^2 / ndf 0 / 84
p0 0 ± 0.1085
1
0.8
0.6
0.4
0.2
0

pull1D
Entries 85
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

dit_scandata2_rms vs run

dit_flag_mean vs run
χ^2 / ndf 1.953 / 84
p0 0.9765 ± 0.01654
1
0.8
0.6
0.4
0.2
0

pull1D
Entries 85
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

dit_flag_rms vs run

reg_asym_sam1_diff_bpm1X_slope vs run
χ^2 / ndf 46.27 / 84
p0 −6.797 ± 0.3477
pull
Entries 85
Mean 158.1
Std Dev 46.05

pull1D
Entries 85
Mean 0.009241
Std Dev 0.7378

reg_asym_sam1_diff_bpm4aY_slope vs run
χ² / ndf 45.95 / 84
p0 −56.83 ± 0.2509
pull
Entries 85
Mean 226.8
Std Dev 172.9
pull1D
Entries 85
Mean −0.02219
Std Dev 0.7349

reg_asym_sam1_diff_bpm4eX_slope vs run
χ^2 / ndf 43.78 / 84
p0 −3.157 ± 0.3698
pull
Entries 85
Mean 241.6
Std Dev 139.4

pull1D
Entries 85
Mean −0.006663
Std Dev 0.7177

reg_asym_sam1_diff_bpm4eY_slope vs run
χ² / ndf 60.09 / 84
p0 16.73 ± 0.3001
pull
Entries 85
Mean 210.5
Std Dev 156.2

pull1D
Entries 85
Mean 0.02846
Std Dev 0.8403

reg_asym_sam1_diff_bpm12X_slope vs run
χ² / ndf 94.03 / 84
p0 0.5401± 0.01486
pull
Entries 85
Mean −135
Std Dev 177.9
pull1D
Entries 85
Mean 0.0474
Std Dev 1.051

reg_asym_sam2_diff_bpm1X_slope vs run
χ^2 / ndf 19.65 / 84
p0 −52.87 ± 2.171
pull
Entries 85
Mean 155.3
Std Dev 88.92

pull1D
Entries 85
Mean 0.01832
Std Dev 0.4804

reg_asym_sam2_diff_bpm4aY_slope vs run
χ^2 / ndf 20.91 / 84
p0 −35.39 ± 1.543
pull
Entries 85
Mean −811.6
Std Dev 865.6

pull1D
Entries 85
Mean 0.002914
Std Dev 0.496

reg_asym_sam2_diff_bpm4eX_slope vs run
χ² / ndf 21.69 / 84
p0 −149.1 ± 2.308
pull
Entries 85
Mean 198.8
Std Dev 142
pull1D
Entries 85
Mean −0.01704
Std Dev 0.5048

reg_asym_sam2_diff_bpm4eY_slope vs run
χ^2 / ndf 31 / 84
p0 −144.7 ± 1.86
pull
Entries 85
Mean −1528
Std Dev 1585
pull1D
Entries 85
Mean −0.00158
Std Dev 0.6039

reg_asym_sam2_diff_bpm12X_slope vs run
χ^2 / ndf 32.59 / 84
p0 1.881 ± 0.09331
pull
Entries 85
Mean −792.6
Std Dev 834.9

pull1D
Entries 85
Mean 0.006835
Std Dev 0.6191

reg_asym_sam3_diff_bpm1X_slope vs run
χ^2 / ndf 143.7 / 84
p0 −42.63 ± 0.9983
pull
Entries 85
Mean 74.76
Std Dev 54.43

pull1D
Entries 85
Mean 0.07562
Std Dev 1.298

reg_asym_sam3_diff_bpm4aY_slope vs run
χ² / ndf 38.93 / 84
p0 −2.188 ± 0.7056
pull
Entries 85
Mean −44.92
Std Dev 52.11
pull1D
Entries 85
Mean −0.01333
Std Dev 0.6767

reg_asym_sam3_diff_bpm4eX_slope vs run
χ² / ndf 128.6 / 84
p0 −79.34 ± 1.062
pull
Entries 85
Mean 101
Std Dev 8.972

pull1D
Entries 85
Mean −0.0845
Std Dev 1.227

reg_asym_sam3_diff_bpm4eY_slope vs run
χ² / ndf 43.11 / 84
p0 23.29 ± 0.8522
pull
Entries 85
Mean −4.108
Std Dev 91.29
pull1D
Entries 85
Mean 0.01518
Std Dev 0.712

reg_asym_sam3_diff_bpm12X_slope vs run
χ² / ndf 4.34 / 84
p0 0.3429 ± 0.04291
pull
Entries 85
Mean 230.4
Std Dev 180.4
pull1D
Entries 85
Mean −0.007745
Std Dev 0.2258

reg_asym_sam4_diff_bpm1X_slope vs run
χ² / ndf 247.9 / 84
p0 −67.57 ± 2.075
pull
Entries 85
Mean 65.73
Std Dev 63.73

pull1D
Entries 85
Mean 0.08299
Std Dev 1.706

reg_asym_sam4_diff_bpm4aY_slope vs run
χ² / ndf 87.16 / 84
p0 27.32 ± 1.477
pull
Entries 85
Mean −28.63
Std Dev 24.78

pull1D
Entries 85
Mean −0.02839
Std Dev 1.012

reg_asym_sam4_diff_bpm4eX_slope vs run
χ^2 / ndf 229.9 / 84
p0 −124.9 ± 2.206
pull
Entries 85
Mean 82.17
Std Dev 53.83
pull1D
Entries 85
Mean −0.08434
Std Dev 1.643

reg_asym_sam4_diff_bpm4eY_slope vs run
χ^2 / ndf 99.01 / 84
p0 210.5 ± 1.778
pull
Entries 85
Mean 10.41
Std Dev 80.01

pull1D
Entries 85
Mean 0.02256
Std Dev 1.079

reg_asym_sam4_diff_bpm12X_slope vs run
χ² / ndf 10.58 / 84
p0 −0.5707 ± 0.08895
pull
Entries 85
Mean −196.9
Std Dev 236.4
pull1D
Entries 85
Mean −0.01044
Std Dev 0.3526

reg_asym_sam5_diff_bpm1X_slope vs run
χ^2 / ndf 47.01 / 84
p0 −3.962 ± 1.011
pull
Entries 85
Mean 54.14
Std Dev 61.41
pull1D
Entries 85
Mean 0.03891
Std Dev 0.7426

reg_asym_sam5_diff_bpm4aY_slope vs run
χ^2 / ndf 37.76 / 84
p0 57.34 ± 0.7261
pull
Entries 85
Mean −140.6
Std Dev 147.8

pull1D
Entries 85
Mean −0.007318
Std Dev 0.6665

reg_asym_sam5_diff_bpm4eX_slope vs run
χ² / ndf 46.42 / 84
p0 6.989 ± 1.075
pull
Entries 85
Mean 61.05
Std Dev 60.43
pull1D
Entries 85
Mean −0.03922
Std Dev 0.7379

reg_asym_sam5_diff_bpm4eY_slope vs run
χ² / ndf 51.87 / 84
p0 92.54 ± 0.8706
pull
Entries 85
Mean 100.6
Std Dev 108.1

pull1D
Entries 85
Mean −0.01097
Std Dev 0.7811

reg_asym_sam5_diff_bpm12X_slope vs run
χ^2 / ndf 20.56 / 84
p0 −0.288 ± 0.04326
pull
Entries 85
Mean −98.66
Std Dev 140
pull1D
Entries 85
Mean −0.03224
Std Dev 0.4907

reg_asym_sam6_diff_bpm1X_slope vs run
χ^2 / ndf 7.494 / 84
p0 26.11 ± 0.975
pull
Entries 85
Mean −52.02
Std Dev 89.92

pull1D
Entries 85
Mean 0.01062
Std Dev 0.2967

reg_asym_sam6_diff_bpm4aY_slope vs run
χ^2 / ndf 17.8 / 84
p0 47.55 ± 0.6976
pull
Entries 85
Mean −957.2
Std Dev 989.6

pull1D
Entries 85
Mean −0.002064
Std Dev 0.4576

reg_asym_sam6_diff_bpm4eX_slope vs run
χ^2 / ndf 6.159 / 84
p0 39.28 ± 1.037
pull
Entries 85
Mean −45.09
Std Dev 106

pull1D
Entries 85
Mean −0.003135
Std Dev 0.2692

reg_asym_sam6_diff_bpm4eY_slope vs run
χ^2 / ndf 30.14 / 84
p0 61.42 ± 0.8384
pull
Entries 85
Mean 653.4
Std Dev 623.5

pull1D
Entries 85
Mean −0.004197
Std Dev 0.5954

reg_asym_sam6_diff_bpm12X_slope vs run
χ² / ndf 43.89 / 84
p0 −0.4331± 0.04185
pull
Entries 85
Mean −192.8
Std Dev 233.5

pull1D
Entries 85
Mean −0.02938
Std Dev 0.718

reg_asym_sam7_diff_bpm1X_slope vs run
χ^2 / ndf 268.4 / 84
p0 15.97 ± 0.3179
pull
Entries 85
Mean 51.41
Std Dev 61.49

pull1D
Entries 85
Mean 0.1106
Std Dev 1.774

reg_asym_sam7_diff_bpm4aY_slope vs run
χ² / ndf 68.93 / 84
p0 13.18 ± 0.2253
pull
Entries 85
Mean 29.01
Std Dev 105.2

pull1D
Entries 85
Mean −0.01783
Std Dev 0.9003

reg_asym_sam7_diff_bpm4eX_slope vs run
χ² / ndf 261.5 / 84
p0 −53.76 ± 0.3381
pull
Entries 85
Mean 62.43
Std Dev 56.43
pull1D
Entries 85
Mean −0.1158
Std Dev 1.75

reg_asym_sam7_diff_bpm4eY_slope vs run
χ^2 / ndf 83.41 / 84
p0 −20.5 ± 0.2719
pull
Entries 85
Mean 57.83
Std Dev 102.5

pull1D
Entries 85
Mean 0.02169
Std Dev 0.9904

reg_asym_sam7_diff_bpm12X_slope vs run
χ^2 / ndf 58.21 / 84
p0 0.3613 ± 0.01367
pull
Entries 85
Mean 1355
Std Dev 1313
pull1D
Entries 85
Mean 0.004663
Std Dev 0.8276

reg_asym_sam8_diff_bpm1X_slope vs run
χ^2 / ndf 962.2 / 84
p0 6.136 ± 0.2462
pull
Entries 85
Mean 48.82
Std Dev 65.78

pull1D
Entries 85
Mean 0.8608
Std Dev 1.985

reg_asym_sam8_diff_bpm4aY_slope vs run
χ^2 / ndf 296 / 84
p0 −38.07 ± 0.1748
pull
Entries 85
Mean 40.47
Std Dev 85.96

pull1D
Entries 85
Mean −0.04894
Std Dev 1.865

reg_asym_sam8_diff_bpm4eX_slope vs run
χ^2 / ndf 944.3 / 84
p0 −35.06 ± 0.2618
pull
Entries 85
Mean 54.84
Std Dev 63.01

pull1D
Entries 85
Mean −0.8566
Std Dev 2.008

reg_asym_sam8_diff_bpm4eY_slope vs run
χ² / ndf 339.8 / 84
p0 41.88 ± 0.2106
pull
Entries 85
Mean 52.06
Std Dev 80.26
pull1D
Entries 85
Mean 0.1586
Std Dev 1.797

reg_asym_sam8_diff_bpm12X_slope vs run
χ^2 / ndf 36.54 / 84
p0 0.2553 ± 0.01057
pull
Entries 85
Mean −1039
Std Dev 1074

pull1D
Entries 85
Mean −0.004889
Std Dev 0.6556

reg_asym_usl_diff_bpm1X_slope vs run
χ² / ndf 48 / 84
p0 −86.26 ± 2.057
pull
Entries 85
Mean 273.1
Std Dev 228.8
pull1D
Entries 85
Mean −0.0125
Std Dev 0.7514

reg_asym_usl_diff_bpm4aY_slope vs run
χ^2 / ndf 39.4 / 84
p0 −2.709 ± 1.468
pull
Entries 85
Mean −158
Std Dev 188.2

pull1D
Entries 85
Mean −0.01693
Std Dev 0.6806

reg_asym_usl_diff_bpm4eX_slope vs run
χ² / ndf 46.33 / 84
p0 39.02 ± 2.187
pull
Entries 85
Mean 261.4
Std Dev 217.1
pull1D
Entries 85
Mean 0.01288
Std Dev 0.7381

reg_asym_usl_diff_bpm4eY_slope vs run
χ² / ndf 50.67 / 84
p0 32.96 ± 1.766
pull
Entries 85
Mean −217.7
Std Dev 249.8

pull1D
Entries 85
Mean 0.01974
Std Dev 0.7718

reg_asym_usl_diff_bpm12X_slope vs run
χ² / ndf 255.4 / 84
p0 −56.03 ± 0.08848
pull
Entries 85
Mean 60.62
Std Dev 34.62

pull1D
Entries 85
Mean −0.01679
Std Dev 1.733

reg_asym_usr_diff_bpm1X_slope vs run
χ² / ndf 88.5 / 84
p0 −63.26 ± 1.966
pull
Entries 85
Mean 253.7
Std Dev 197.7
pull1D
Entries 85
Mean −0.02931
Std Dev 1.02

reg_asym_usr_diff_bpm4aY_slope vs run
χ² / ndf 51.16 / 84
p0 −5.738 ± 1.403
pull
Entries 85
Mean 567
Std Dev 518.2

pull1D
Entries 85
Mean 0.01019
Std Dev 0.7758

reg_asym_usr_diff_bpm4eX_slope vs run
χ^2 / ndf 90.99 / 84
p0 131.5 ± 2.09
pull
Entries 85
Mean 230.6
Std Dev 173.3

pull1D
Entries 85
Mean 0.03253
Std Dev 1.034

reg_asym_usr_diff_bpm4eY_slope vs run
χ^2 / ndf 55.88 / 84
p0 30.71 ± 1.688
pull
Entries 85
Mean 1839
Std Dev 1791

pull1D
Entries 85
Mean −0.003585
Std Dev 0.8108

reg_asym_usr_diff_bpm12X_slope vs run
χ^2 / ndf 133.2 / 84
p0 −48 ± 0.08452
pull
Entries 85
Mean 4.134
Std Dev 35.61

pull1D
Entries 85
Mean −0.02328
Std Dev 1.251

reg_asym_dsl_diff_bpm1X_slope vs run

reg_asym_dsl_diff_bpm4aY_slope vs run
χ² / ndf 89.01 / 84
p0 −0.1263 ± 0.07773
pull
Entries 85
Mean 4.556
Std Dev 50.03
pull1D
Entries 85
Mean −0.02403
Std Dev 1.023

reg_asym_dsl_diff_bpm4eX_slope vs run
χ² / ndf 103.2 / 84
p0 0.02813 ± 0.115
pull
Entries 85
Mean 3484
Std Dev 3470

pull1D
Entries 85
Mean 0.0004898
Std Dev 1.102

reg_asym_dsl_diff_bpm4eY_slope vs run
χ^2 / ndf 84.11 / 84
p0 0.169 ± 0.09312
pull
Entries 85
Mean −34.04
Std Dev 83.94

pull1D
Entries 85
Mean 0.02065
Std Dev 0.9946

reg_asym_dsl_diff_bpm12X_slope vs run
χ² / ndf 80.52 / 84
p0 −0.01823 ± 0.004624
pull
Entries 85
Mean −505.6
Std Dev 544.4
pull1D
Entries 85
Mean 0.005863
Std Dev 0.9733

reg_asym_dsr_diff_bpm1X_slope vs run
χ² / ndf 103.4 / 84
p0 −0.0849 ± 0.1467
pull
Entries 85
Mean −229
Std Dev 262
pull1D
Entries 85
Mean −0.01682
Std Dev 1.103

reg_asym_dsr_diff_bpm4aY_slope vs run
χ^2 / ndf 90.89 / 84
p0 −0.1395 ± 0.1054
pull
Entries 85
Mean 11.28
Std Dev 45.98
pull1D
Entries 85
Mean −0.01042
Std Dev 1.034

reg_asym_dsr_diff_bpm4eX_slope vs run
χ^2 / ndf 100.4 / 84
p0 0.05509 ± 0.1561
pull
Entries 85
Mean −212.4
Std Dev 245
pull1D
Entries 85
Mean 0.01681
Std Dev 1.087

reg_asym_dsr_diff_bpm4eY_slope vs run
χ^2 / ndf 90.39 / 84
p0 0.1621 ± 0.1263
pull
Entries 85
Mean 35.76
Std Dev 39.18

pull1D
Entries 85
Mean 0.01294
Std Dev 1.031

reg_asym_dsr_diff_bpm12X_slope vs run
χ² / ndf 100.8 / 84
p0 0.0038 ± 0.00627
pull
Entries 85
Mean 567.9
Std Dev 517.1

pull1D
Entries 85
Mean 0.005675
Std Dev 1.089

reg_asym_us_avg_diff_bpm1X_slope vs run
χ² / ndf 58.02 / 84
p0 −74.61 ± 1.751
pull
Entries 85
Mean 222
Std Dev 169.6

pull1D
Entries 85
Mean −0.02869
Std Dev 0.8257

reg_asym_us_avg_diff_bpm4aY_slope vs run
χ² / ndf 33.23 / 84
p0 −4.142 ± 1.248
pull
Entries 85
Mean −613.2
Std Dev 654.6
pull1D
Entries 85
Mean −0.007667
Std Dev 0.6252

reg_asym_us_avg_diff_bpm4eX_slope vs run
χ² / ndf 57.8 / 84
p0 85.11 ± 1.861
pull
Entries 85
Mean 207.7
Std Dev 154.2
pull1D
Entries 85
Mean 0.0307
Std Dev 0.8241

reg_asym_us_avg_diff_bpm4eY_slope vs run
χ² / ndf 43.9 / 84
p0 31.71 ± 1.502
pull
Entries 85
Mean −438.7
Std Dev 479.4
pull1D
Entries 85
Mean 0.01387
Std Dev 0.7185

reg_asym_us_avg_diff_bpm12X_slope vs run
χ² / ndf 218.4 / 84
p0 −52.01 ± 0.07539
−50
−52
−54
−56
−58
pull
Entries 85
Mean 32.09
Std Dev 41.8
2
0
−2
−4
−6

pull1D
Entries 85
Mean −0.02772
Std Dev 1.603
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_us_dd_diff_bpm1X_slope vs run
χ² / ndf 96.1 / 84
p0 −11.33 ± 0.9867
pull
Entries 85
Mean 552.4
Std Dev 487.9
pull1D
Entries 85
Mean 0.006367
Std Dev 1.063

reg_asym_us_dd_diff_bpm4aY_slope vs run
χ² / ndf 82.38 / 84
p0 1.422 ± 0.7064
pull
Entries 85
Mean 124.1
Std Dev 2.008
pull1D
Entries 85
Mean −0.02178
Std Dev 0.9842

reg_asym_us_dd_diff_bpm4eX_slope vs run
χ² / ndf 98.11 / 84
p0 −46.43 ± 1.049
pull
Entries 85
Mean 418
Std Dev 351.1

pull1D
Entries 85
Mean −0.008581
Std Dev 1.074

reg_asym_us_dd_diff_bpm4eY_slope vs run
χ² / ndf 82.78 / 84
p0 1.272 ± 0.8478
pull
Entries 85
Mean 110.7
Std Dev 78.93
pull1D
Entries 85
Mean 0.01578
Std Dev 0.9867

reg_asym_us_dd_diff_bpm12X_slope vs run
χ² / ndf 118.8 / 84
p0 −4.031 ± 0.04224
pull
Entries 85
Mean 7.437
Std Dev 21.79
pull1D
Entries 85
Mean 0.02538
Std Dev 1.182

reg_asym_ds_avg_diff_bpm1X_slope vs run
χ^2 / ndf 104.9 / 84
p0 −0.05227 ± 0.0911
pull
Entries 85
Mean −110.4
Std Dev 150.2
pull1D
Entries 85
Mean −0.01678
Std Dev 1.111

reg_asym_ds_avg_diff_bpm4aY_slope vs run
χ² / ndf 106.3 / 84
p0 −0.1337 ± 0.06544
pull
Entries 85
Mean 7.563
Std Dev 48.66
pull1D
Entries 85
Mean −0.02208
Std Dev 1.118

reg_asym_ds_avg_diff_bpm4eX_slope vs run
χ² / ndf 104.4 / 84
p0 0.04034 ± 0.09689
pull
Entries 85
Mean −127.1
Std Dev 167.4
pull1D
Entries 85
Mean 0.01454
Std Dev 1.108

reg_asym_ds_avg_diff_bpm4eY_slope vs run
χ^2 / ndf 102.3 / 84
p0 0.1664 ± 0.0784
pull
Entries 85
Mean −1.743
Std Dev 57.74

pull1D
Entries 85
Mean 0.02205
Std Dev 1.097

reg_asym_ds_avg_diff_bpm12X_slope vs run
χ² / ndf 89.17 / 84
p0 −0.007216 ± 0.003893
pull
Entries 85
Mean 104.8
Std Dev 53.96
pull1D
Entries 85
Mean 0.008005
Std Dev 1.024

reg_asym_ds_dd_diff_bpm1X_slope vs run
χ² / ndf 99.71 / 84
p0 0.03316 ± 0.09121
pull
Entries 85
Mean −432.8
Std Dev 462.3
pull1D
Entries 85
Mean 0.01013
Std Dev 1.083

reg_asym_ds_dd_diff_bpm4aY_slope vs run
χ² / ndf 73.71 / 84
p0 0.006925 ± 0.06552
pull
Entries 85
Mean 0.1443
Std Dev 50.6
pull1D
Entries 85
Mean −0.006146
Std Dev 0.9312

reg_asym_ds_dd_diff_bpm4eX_slope vs run
χ² / ndf 98.6 / 84
p0 −0.01539 ± 0.097
pull
Entries 85
Mean −319.6
Std Dev 348

pull1D
Entries 85
Mean −0.01232
Std Dev 1.077

reg_asym_ds_dd_diff_bpm4eY_slope vs run
χ^2 / ndf 73.65 / 84
p0 0.003378 ± 0.07849
pull
Entries 85
Mean −423.7
Std Dev 465.2

pull1D
Entries 85
Mean 0.001813
Std Dev 0.9308

reg_asym_ds_dd_diff_bpm12X_slope vs run
χ² / ndf 98.33 / 84
p0 −0.01096 ± 0.003898
pull
Entries 85
Mean 2428
Std Dev 2382
pull1D
Entries 85
Mean −0.001808
Std Dev 1.076

reg_asym_left_avg_diff_bpm1X_slope vs run
χ^2 / ndf 47.29 / 84
p0 −43.15 ± 1.031
pull
Entries 85
Mean 288.4
Std Dev 245.1
pull1D
Entries 85
Mean −0.01211
Std Dev 0.7458

reg_asym_left_avg_diff_bpm4aY_slope vs run
χ^2 / ndf 39.98 / 84
p0 −1.421 ± 0.7354
pull
Entries 85
Mean −148.8
Std Dev 179.3

pull1D
Entries 85
Mean −0.01793
Std Dev 0.6856

reg_asym_left_avg_diff_bpm4eX_slope vs run
χ^2 / ndf 45.75 / 84
p0 19.54 ± 1.096
pull
Entries 85
Mean 277.1
Std Dev 233.8
pull1D
Entries 85
Mean 0.01236
Std Dev 0.7335

reg_asym_left_avg_diff_bpm4eY_slope vs run
χ² / ndf 51.35 / 84
p0 16.57 ± 0.8846
pull
Entries 85
Mean −210.4
Std Dev 242.8
pull1D
Entries 85
Mean 0.02058
Std Dev 0.777

reg_asym_left_avg_diff_bpm12X_slope vs run
χ² / ndf 255.8 / 84
p0 −28.02 ± 0.04432
pull
Entries 85
Mean 71.15
Std Dev 25.76
pull1D
Entries 85
Mean −0.01631
Std Dev 1.735

reg_asym_left_dd_diff_bpm1X_slope vs run
χ² / ndf 49.01 / 84
p0 −43.11 ± 1.03
pull
Entries 85
Mean 260
Std Dev 214.7
pull1D
Entries 85
Mean −0.01278
Std Dev 0.7592

reg_asym_left_dd_diff_bpm4aY_slope vs run
χ² / ndf 39.08 / 84
p0 −1.289 ± 0.7348
pull
Entries 85
Mean −169
Std Dev 198.9
pull1D
Entries 85
Mean −0.01583
Std Dev 0.6779

reg_asym_left_dd_diff_bpm4eX_slope vs run
χ^2 / ndf 47.23 / 84
p0 19.49 ± 1.095
pull
Entries 85
Mean 248
Std Dev 202.7

pull1D
Entries 85
Mean 0.01327
Std Dev 0.7453

reg_asym_left_dd_diff_bpm4eY_slope vs run
χ^2 / ndf 50.16 / 84
p0 16.39 ± 0.8839
pull
Entries 85
Mean −226.6
Std Dev 258.5

pull1D
Entries 85
Mean 0.01877
Std Dev 0.768

reg_asym_left_dd_diff_bpm12X_slope vs run
χ² / ndf 254.3 / 84
p0 −28.01 ± 0.04428
pull
Entries 85
Mean 50.7
Std Dev 38.93
pull1D
Entries 85
Mean −0.01701
Std Dev 1.729

reg_asym_right_avg_diff_bpm1X_slope vs run
χ² / ndf 87.4 / 84
p0 −31.68 ± 0.9852
pull
Entries 85
Mean 236.2
Std Dev 178.8
pull1D
Entries 85
Mean −0.03019
Std Dev 1.014

reg_asym_right_avg_diff_bpm4aY_slope vs run
χ² / ndf 50.97 / 84
p0 −2.942 ± 0.7033
pull
Entries 85
Mean 600.4
Std Dev 551.6

pull1D
Entries 85
Mean 0.009616
Std Dev 0.7743

reg_asym_right_avg_diff_bpm4eX_slope vs run
χ^2 / ndf 89.71 / 84
p0 65.79 ± 1.047
pull
Entries 85
Mean 217.2
Std Dev 158.4
pull1D
Entries 85
Mean 0.03322
Std Dev 1.027

reg_asym_right_avg_diff_bpm4eY_slope vs run
χ² / ndf 55.43 / 84
p0 15.44 ± 0.8459
pull
Entries 85
Mean 2245
Std Dev 2197
pull1D
Entries 85
Mean −0.002924
Std Dev 0.8076

reg_asym_right_avg_diff_bpm12X_slope vs run
χ^2 / ndf 132.8 / 84
p0 −24 ± 0.04237
pull
Entries 85
Mean −4.487
Std Dev 19.19
pull1D
Entries 85
Mean −0.02325
Std Dev 1.25

reg_asym_right_dd_diff_bpm1X_slope vs run
χ^2 / ndf 89.77 / 84
p0 −31.59 ± 0.9859
pull
Entries 85
Mean 275.6
Std Dev 220.8
pull1D
Entries 85
Mean −0.02789
Std Dev 1.027

reg_asym_right_dd_diff_bpm4aY_slope vs run
χ² / ndf 51.75 / 84
p0 −2.796 ± 0.7038
pull
Entries 85
Mean 536.8
Std Dev 488.1
pull1D
Entries 85
Mean 0.0107
Std Dev 0.7802

reg_asym_right_dd_diff_bpm4eX_slope vs run
χ^2 / ndf 92.38 / 84
p0 65.73 ± 1.048
pull
Entries 85
Mean 247.3
Std Dev 191.2

pull1D
Entries 85
Mean 0.03127
Std Dev 1.042

reg_asym_right_dd_diff_bpm4eY_slope vs run
χ² / ndf 56.68 / 84
p0 15.27 ± 0.8465
pull
Entries 85
Mean 1557
Std Dev 1509

pull1D
Entries 85
Mean −0.004228
Std Dev 0.8166

reg_asym_right_dd_diff_bpm12X_slope vs run
χ² / ndf 133.3 / 84
p0 −24 ± 0.04239
pull
Entries 85
Mean 12.67
Std Dev 45.05
pull1D
Entries 85
Mean −0.02306
Std Dev 1.252

reg_asym_sam_15_avg_diff_bpm1X_slope vs run
χ² / ndf 152.3 / 84
p0 −5.373 ± 0.3469
pull
Entries 85
Mean 61.49
Std Dev 66.58
pull1D
Entries 85
Mean 0.05994
Std Dev 1.337

reg_asym_sam_15_avg_diff_bpm4aY_slope vs run
χ² / ndf 84.91 / 84
p0 0.2834 ± 0.2484
pull
Entries 85
Mean 46.24
Std Dev 79.11
pull1D
Entries 85
Mean −0.02729
Std Dev 0.9991

reg_asym_sam_15_avg_diff_bpm4eX_slope vs run
χ² / ndf 149.3 / 84
p0 1.92 ± 0.369
pull
Entries 85
Mean 69.93
Std Dev 63.62
pull1D
Entries 85
Mean −0.06052
Std Dev 1.324

reg_asym_sam_15_avg_diff_bpm4eY_slope vs run
χ² / ndf 113.3 / 84
p0 54.55 ± 0.2983
65
60
55
50
45
pull
Entries 85
Mean 150.2
Std Dev 52.5
2
1
0
−1
−2
−3
pull1D
Entries 85
Mean 0.01354
Std Dev 1.155
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_sam_15_avg_diff_bpm12X_slope vs run
χ² / ndf 15.02 / 84
p0 0.1257 ± 0.01486
pull
Entries 85
Mean −69.31
Std Dev 108.2
pull1D
Entries 85
Mean −0.02227
Std Dev 0.4198

reg_asym_sam_15_dd_diff_bpm1X_slope vs run
χ² / ndf 18.04 / 84
p0 −1.413 ± 0.6716
pull
Entries 85
Mean 45.16
Std Dev 53.67
pull1D
Entries 85
Mean −0.02731
Std Dev 0.4598

reg_asym_sam_15_dd_diff_bpm4aY_slope vs run
χ² / ndf 25.99 / 84
p0 −57.08 ± 0.483
−45
−50
−55
−60
−65
pull
Entries 85
Mean 1469
Std Dev 1436
1
0.5
0
−0.5
−1
pull1D
Entries 85
Mean −0.001449
Std Dev 0.553
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_sam_15_dd_diff_bpm4eX_slope vs run
χ² / ndf 17.83 / 84
p0 −5.073 ± 0.7142
pull
Entries 85
Mean 50.2
Std Dev 54.49
pull1D
Entries 85
Mean 0.02789
Std Dev 0.4572

reg_asym_sam_15_dd_diff_bpm4eY_slope vs run
χ² / ndf 36.28 / 84
p0 −37.94 ± 0.5787
pull
Entries 85
Mean 131.7
Std Dev 99.9
pull1D
Entries 85
Mean 0.01921
Std Dev 0.6531

reg_asym_sam_15_dd_diff_bpm12X_slope vs run
χ^2 / ndf 31.93 / 84
p0 0.4138 ± 0.02873
pull
Entries 85
Mean −108.7
Std Dev 150.7
pull1D
Entries 85
Mean 0.03695
Std Dev 0.6118

reg_asym_sam_37_avg_diff_bpm1X_slope vs run
χ² / ndf 170.6 / 84
p0 −13.34 ± 0.6492
pull
Entries 85
Mean 66.87
Std Dev 57.67

pull1D
Entries 85
Mean 0.08599
Std Dev 1.414

reg_asym_sam_37_avg_diff_bpm4aY_slope vs run
χ² / ndf 43.81 / 84
p0 5.496 ± 0.459
pull
Entries 85
Mean −23.96
Std Dev 79.39
pull1D
Entries 85
Mean −0.01446
Std Dev 0.7178

reg_asym_sam_37_avg_diff_bpm4eX_slope vs run
χ² / ndf 157.4 / 84
p0 −66.54 ± 0.6904
pull
Entries 85
Mean 88.81
Std Dev 35.33
pull1D
Entries 85
Mean −0.09385
Std Dev 1.358

reg_asym_sam_37_avg_diff_bpm4eY_slope vs run
χ² / ndf 49.43 / 84
p0 1.392 ± 0.5544
pull
Entries 85
Mean 14.8
Std Dev 98.99

pull1D
Entries 85
Mean 0.01698
Std Dev 0.7624

reg_asym_sam_37_avg_diff_bpm12X_slope vs run

reg_asym_sam_37_dd_diff_bpm1X_slope vs run
χ² / ndf 103.4 / 84
p0 −29.29 ± 0.357
pull
Entries 85
Mean 97.4
Std Dev 35.13

pull1D
Entries 85
Mean 0.05533
Std Dev 1.101

reg_asym_sam_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 34.76 / 84
p0 −7.679 ± 0.2522
pull
Entries 85
Mean −81.36
Std Dev 81.7

pull1D
Entries 85
Mean −0.01215
Std Dev 0.6394

reg_asym_sam_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 85.07 / 84
p0 −12.8 ± 0.3796
pull
Entries 85
Mean 133.7
Std Dev 71.15
pull1D
Entries 85
Mean −0.0653
Std Dev 0.9983

reg_asym_sam_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 38.27 / 84
p0 21.89 ± 0.3047
pull
Entries 85
Mean −44.68
Std Dev 43.27

pull1D
Entries 85
Mean 0.01275
Std Dev 0.6709

reg_asym_sam_37_dd_diff_bpm12X_slope vs run
χ² / ndf 29.88 / 84
p0 −0.008739 ± 0.01534
pull
Entries 85
Mean 368.7
Std Dev 323.1
pull1D
Entries 85
Mean −0.01456
Std Dev 0.5927

reg_asym_sam_26_avg_diff_bpm1X_slope vs run
χ² / ndf 46.25 / 84
p0 −13.44 ± 0.634
pull
Entries 85
Mean 102.5
Std Dev 3.961
pull1D
Entries 85
Mean 0.04376
Std Dev 0.7364

reg_asym_sam_26_avg_diff_bpm4aY_slope vs run
χ^2 / ndf 42.69 / 84
p0 6.072 ± 0.449
pull
Entries 85
Mean −377.1
Std Dev 443.9

pull1D
Entries 85
Mean 0.005963
Std Dev 0.7087

reg_asym_sam_26_avg_diff_bpm4eX_slope vs run
χ² / ndf 53.86 / 84
p0 −54.7 ± 0.6741
pull
Entries 85
Mean 133
Std Dev 74.59

pull1D
Entries 85
Mean −0.04632
Std Dev 0.7947

reg_asym_sam_26_avg_diff_bpm4eY_slope vs run
χ² / ndf 58.07 / 84
p0 −41.56 ± 0.5421
pull
Entries 85
Mean −120.6
Std Dev 198.9
pull1D
Entries 85
Mean −0.01291
Std Dev 0.8264

reg_asym_sam_26_avg_diff_bpm12X_slope vs run
χ^2 / ndf 24.58 / 84
p0 0.722 ± 0.02727
pull
Entries 85
Mean 675.5
Std Dev 631.8
pull1D
Entries 85
Mean −0.00696
Std Dev 0.5377

reg_asym_sam_26_dd_diff_bpm1X_slope vs run
χ² / ndf 12.71 / 84
p0 −39.45 ± 1.559
pull
Entries 85
Mean 258.5
Std Dev 198.9
pull1D
Entries 85
Mean 0.008234
Std Dev 0.3866

reg_asym_sam_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 16.34 / 84
p0 −41.47 ± 1.11
pull
Entries 85
Mean −1020
Std Dev 1068

pull1D
Entries 85
Mean 0.002269
Std Dev 0.4384

reg_asym_sam_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 13.09 / 84
p0 −94.27 ± 1.657
−70
−80
−90
−100
−110
−120
pull
Entries 85
Mean 293.4
Std Dev 237
1
0.5
0
−0.5
−1

pull1D
Entries 85
Mean −0.007853
Std Dev 0.3923
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_sam_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 26.06 / 84
p0 −103.1± 1.337
pull
Entries 85
Mean 1789
Std Dev 1741

pull1D
Entries 85
Mean 0.001467
Std Dev 0.5537

reg_asym_sam_26_dd_diff_bpm12X_slope vs run
χ² / ndf 36.09 / 84
p0 1.157 ± 0.06698
pull
Entries 85
Mean −407.5
Std Dev 449.2

pull1D
Entries 85
Mean 0.01366
Std Dev 0.6515

reg_asym_sam_48_avg_diff_bpm1X_slope vs run
χ² / ndf 325.5 / 84
p0 −30.73 ± 1.113
pull
Entries 85
Mean 61.9
Std Dev 64.37
pull1D
Entries 85
Mean 0.1952
Std Dev 1.75

reg_asym_sam_48_avg_diff_bpm4aY_slope vs run
χ² / ndf 109.4 / 84
p0 −5.343 ± 0.7913
pull
Entries 85
Mean −12.65
Std Dev 50.88
pull1D
Entries 85
Mean −0.03402
Std Dev 1.134

reg_asym_sam_48_avg_diff_bpm4eX_slope vs run
χ² / ndf 305 / 84
p0 −79.92 ± 1.183
pull
Entries 85
Mean 75.55
Std Dev 56.84
pull1D
Entries 85
Mean −0.1016
Std Dev 1.892

reg_asym_sam_48_avg_diff_bpm4eY_slope vs run
χ² / ndf 124.7 / 84
p0 126.1 ± 0.9529
pull
Entries 85
Mean 23.52
Std Dev 77.48
pull1D
Entries 85
Mean 0.03181
Std Dev 1.211

reg_asym_sam_48_avg_diff_bpm12X_slope vs run
χ² / ndf 12.77 / 84
p0 −0.159 ± 0.04774
pull
Entries 85
Mean −290.3
Std Dev 329.1

pull1D
Entries 85
Mean −0.008765
Std Dev 0.3875

reg_asym_sam_48_dd_diff_bpm1X_slope vs run
χ² / ndf 168.4 / 84
p0 −36.87 ± 0.9709
pull
Entries 85
Mean 71.46
Std Dev 61.67
pull1D
Entries 85
Mean 0.06648
Std Dev 1.406

reg_asym_sam_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 64.63 / 84
p0 32.66 ± 0.6927
pull
Entries 85
Mean −58.12
Std Dev 65.83

pull1D
Entries 85
Mean −0.02152
Std Dev 0.8717

reg_asym_sam_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 153.7 / 84
p0 −44.91 ± 1.033
pull
Entries 85
Mean 92.9
Std Dev 45.9

pull1D
Entries 85
Mean −0.06524
Std Dev 1.343

reg_asym_sam_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 72.94 / 84
p0 84.4 ± 0.8328
pull
Entries 85
Mean −28.78
Std Dev 73.92

pull1D
Entries 85
Mean 0.012
Std Dev 0.9263

reg_asym_sam_48_dd_diff_bpm12X_slope vs run
χ² / ndf 8.57 / 84
p0 −0.4119 ± 0.0416
pull
Entries 85
Mean −125.2
Std Dev 165.8
pull1D
Entries 85
Mean −0.01195
Std Dev 0.3173

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs run
χ² / ndf 8.546 / 84
p0 −15.35 ± 0.3778
pull
Entries 85
Mean 535.4
Std Dev 477.5
pull1D
Entries 85
Mean 0.00307
Std Dev 0.3171

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs run
χ² / ndf 21.15 / 84
p0 −32.41 ± 0.27
pull
Entries 85
Mean 1207
Std Dev 1160

pull1D
Entries 85
Mean −0.0009862
Std Dev 0.4988

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs run
χ^2 / ndf 9.876 / 84
p0 −9.029 ± 0.4018
pull
Entries 85
Mean −427.9
Std Dev 474.6
pull1D
Entries 85
Mean 0.005923
Std Dev 0.3408

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs run
χ^2 / ndf 31.41 / 84
p0 -7.95 ± 0.3245
pull
Entries 85
Mean 134.6
Std Dev 83.75

pull1D
Entries 85
Mean 0.01142
Std Dev 0.6077

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs run
χ² / ndf 52.44 / 84
p0 0.2028 ± 0.01619
pull
Entries 85
Mean −249.7
Std Dev 292.9
pull1D
Entries 85
Mean 0.02497
Std Dev 0.7851

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs run

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 12.76 / 84
p0 −2.541 ± 0.2584
pull
Entries 85
Mean 113.3
Std Dev 95.71

pull1D
Entries 85
Mean −0.01207
Std Dev 0.3873

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 40.66 / 84
p0 34.34 ± 0.3877
pull
Entries 85
Mean 125.6
Std Dev 58.22

pull1D
Entries 85
Mean 0.04028
Std Dev 0.6905

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs run
χ2 / ndf 22.73 / 84
p0 26.45 ± 0.3118
pull
Entries 85
Mean 134.8
Std Dev 116.8
pull1D
Entries 85
Mean 0.01116
Std Dev 0.517

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs run
χ^2 / ndf 5.092 / 84
p0 −0.1144 ± 0.01567
pull
Entries 85
Mean −411.2
Std Dev 459.6

pull1D
Entries 85
Mean −0.002097
Std Dev 0.2447

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs run
χ^2 / ndf 81.67 / 84
p0 −38.51 ± 0.9041
pull
Entries 85
Mean 81.35
Std Dev 45.42

pull1D
Entries 85
Mean 0.06398
Std Dev 0.9781

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs run
χ² / ndf 21.74 / 84
p0 −4.276 ± 0.6406
pull
Entries 85
Mean 90
Std Dev 52.04
pull1D
Entries 85
Mean −0.01967
Std Dev 0.5053

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs run

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs run
χ² / ndf 22.44 / 84
p0 −9.51 ± 0.7732
pull
Entries 85
Mean 133.5
Std Dev 54.56

pull1D
Entries 85
Mean 0.0193
Std Dev 0.5135

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs run
χ² / ndf 18.06 / 84
p0 0.3802 ± 0.03889
pull
Entries 85
Mean 884.2
Std Dev 841.7

pull1D
Entries 85
Mean −0.005003
Std Dev 0.4609

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs run
χ² / ndf 275.5 / 84
p0 8.738 ± 0.5076
pull
Entries 85
Mean 50.17
Std Dev 65.91

pull1D
Entries 85
Mean −0.0901
Std Dev 1.798

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 136.2 / 84
p0 5.803 ± 0.3627
pull
Entries 85
Mean −88.94
Std Dev 113.4

pull1D
Entries 85
Mean 0.02739
Std Dev 1.266

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 269.1 / 84
p0 12.49 ± 0.5398
pull
Entries 85
Mean 56.23
Std Dev 64.95

pull1D
Entries 85
Mean 0.09445
Std Dev 1.777

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 167.9 / 84
p0 −84.11 ± 0.436
pull
Entries 85
Mean −116.2
Std Dev 130.6

pull1D
Entries 85
Mean −0.01218
Std Dev 1.405

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs run

reg_asym_sam_1548_avg_diff_bpm1X_slope vs run
χ² / ndf 317.1 / 84
p0 −18 ± 0.683
pull
Entries 85
Mean 62.95
Std Dev 65.76
pull1D
Entries 85
Mean 0.09105
Std Dev 1.929

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs run
χ² / ndf 115.3 / 84
p0 −2.542 ± 0.4868
pull
Entries 85
Mean −3
Std Dev 62.24

pull1D
Entries 85
Mean −0.03334
Std Dev 1.164

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs run
χ² / ndf 299.2 / 84
p0 −39.07 ± 0.7264
pull
Entries 85
Mean 76.75
Std Dev 58.67
pull1D
Entries 85
Mean −0.0929
Std Dev 1.874

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs run
χ^2 / ndf 134.5 / 84
p0 90.37 ± 0.5856
pull
Entries 85
Mean 37.43
Std Dev 88.99

pull1D
Entries 85
Mean 0.02667
Std Dev 1.258

reg_asym_sam_1548_avg_diff_bpm12X_slope vs run
χ² / ndf 14.08 / 84
p0 −0.01636 ± 0.02928
pull
Entries 85
Mean −183.1
Std Dev 221.7
pull1D
Entries 85
Mean −0.01326
Std Dev 0.4068

reg_asym_sam_3748_avg_diff_bpm1X_slope vs run
χ² / ndf 291.2 / 84
p0 −22.05 ± 0.8331
pull
Entries 85
Mean 62.84
Std Dev 62.22

pull1D
Entries 85
Mean 0.09956
Std Dev 1.848

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs run
χ² / ndf 87.92 / 84
p0 0.1131 ± 0.5907
pull
Entries 85
Mean −9.552
Std Dev 57.89
pull1D
Entries 85
Mean −0.0314
Std Dev 1.017

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs run
χ² / ndf 269.5 / 84
p0 −73.22 ± 0.8859
−20
−40
−60
−80
−100
pull
Entries 85
Mean 79.44
Std Dev 51.04
6
4
2
0
−2

pull1D
Entries 85
Mean −0.1049
Std Dev 1.777
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs run
χ² / ndf 97.95 / 84
p0 63.68 ± 0.7123
pull
Entries 85
Mean 24.69
Std Dev 76.57

pull1D
Entries 85
Mean 0.03373
Std Dev 1.073

reg_asym_sam_3748_avg_diff_bpm12X_slope vs run
χ² / ndf 7.736 / 84
p0 0.09445 ± 0.03577
pull
Entries 85
Mean −420.5
Std Dev 458.6

pull1D
Entries 85
Mean −0.004584
Std Dev 0.3016

reg_asym_sam_1526_avg_diff_bpm1X_slope vs run
χ² / ndf 182.6 / 84
p0 −9.442 ± 0.2969
pull
Entries 85
Mean 78.39
Std Dev 50.24

pull1D
Entries 85
Mean 0.08813
Std Dev 1.463

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs run
χ² / ndf 90.52 / 84
p0 3.258 ± 0.2101
pull
Entries 85
Mean 136.9
Std Dev 18.15

pull1D
Entries 85
Mean −0.02835
Std Dev 1.032

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs run
χ² / ndf 178.5 / 84
p0 −26.33 ± 0.3157
pull
Entries 85
Mean 96.93
Std Dev 14.76

pull1D
Entries 85
Mean −0.09459
Std Dev 1.446

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs run
χ² / ndf 105.9 / 84
p0 6.347 ± 0.2536
pull
Entries 85
Mean 173.4
Std Dev 61.69

pull1D
Entries 85
Mean 0.02287
Std Dev 1.116

reg_asym_sam_1526_avg_diff_bpm12X_slope vs run
χ² / ndf 25.75 / 84
p0 0.4225 ± 0.01276
pull
Entries 85
Mean 262.8
Std Dev 217.6

pull1D
Entries 85
Mean −0.01427
Std Dev 0.5502

reg_asym_sam_3726_avg_diff_bpm1X_slope vs run
χ^2 / ndf 99.49 / 84
p0 −13.41 ± 0.625
pull
Entries 85
Mean 77.61
Std Dev 49.87

pull1D
Entries 85
Mean 0.06912
Std Dev 1.08

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs run
χ² / ndf 33.78 / 84
p0 5.79 ± 0.4421
pull
Entries 85
Mean 192.4
Std Dev 71.49

pull1D
Entries 85
Mean −0.005238
Std Dev 0.6304

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs run

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs run
χ² / ndf 41.51 / 84
p0 −20.09 ± 0.5339
pull
Entries 85
Mean 337.9
Std Dev 154.6

pull1D
Entries 85
Mean 0.00281
Std Dev 0.6988

reg_asym_sam_3726_avg_diff_bpm12X_slope vs run
χ² / ndf 6.7 / 84
p0 0.5376 ± 0.02688
pull
Entries 85
Mean 336.1
Std Dev 289.9

pull1D
Entries 85
Mean −0.006955
Std Dev 0.2807

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs run

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 89.55 / 84
p0 2.816 ± 0.327
pull
Entries 85
Mean −31.74
Std Dev 3.237

pull1D
Entries 85
Mean 0.03043
Std Dev 1.026

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 274.7 / 84
p0 40.84 ± 0.4904
pull
Entries 85
Mean 74.22
Std Dev 54.03

pull1D
Entries 85
Mean 0.1085
Std Dev 1.794

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 100 / 84
p0 −35.79 ± 0.3943
pull
Entries 85
Mean 5.882
Std Dev 61.8

pull1D
Entries 85
Mean −0.03352
Std Dev 1.084

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs run
χ² / ndf 10.5 / 84
p0 0.142 ± 0.0198
pull
Entries 85
Mean −788.1
Std Dev 826.9

pull1D
Entries 85
Mean 0.00312
Std Dev 0.3515

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs run

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 117 / 84
p0 5.466 ± 0.2629
pull
Entries 85
Mean −21.9
Std Dev 27.65

pull1D
Entries 85
Mean 0.02973
Std Dev 1.173

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 255.4 / 84
p0 6.561 ± 0.3911
pull
Entries 85
Mean 58.72
Std Dev 64.79
pull1D
Entries 85
Mean 0.08865
Std Dev 1.731

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 143.7 / 84
p0 −62.48 ± 0.316
pull
Entries 85
Mean 14.59
Std Dev 93.17

pull1D
Entries 85
Mean −0.01444
Std Dev 1.3

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs run
χ² / ndf 23.62 / 84
p0 0.2511± 0.01576
pull
Entries 85
Mean −124.5
Std Dev 163.8

pull1D
Entries 85
Mean 0.02397
Std Dev 0.5266

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs run
χ² / ndf 12.58 / 84
p0 3.909 ± 0.4171
pull
Entries 85
Mean −180.1
Std Dev 220.3

pull1D
Entries 85
Mean 0.007428
Std Dev 0.3847

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 32.8 / 84
p0 −2.854 ± 0.2966
pull
Entries 85
Mean −43.73
Std Dev 91.68

pull1D
Entries 85
Mean −0.02213
Std Dev 0.6208

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 22.54 / 84
p0 28.49 ± 0.4436
pull
Entries 85
Mean −192.9
Std Dev 227.8
pull1D
Entries 85
Mean −0.01118
Std Dev 0.5148

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 51.88 / 84
p0 48.02 ± 0.3575
pull
Entries 85
Mean −9.427
Std Dev 69.88

pull1D
Entries 85
Mean 0.02025
Std Dev 0.781

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs run
χ² / ndf 20.4 / 84
p0 −0.2961± 0.01792
pull
Entries 85
Mean −398.8
Std Dev 441.1
pull1D
Entries 85
Mean −0.009991
Std Dev 0.4897

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs run
χ² / ndf 325.3 / 84
p0 0.03575 ± 0.1442
pull
Entries 85
Mean 35.63
Std Dev 63.62
pull1D
Entries 85
Mean 0.1039
Std Dev 1.953

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 227.1 / 84
p0 −0.34 ± 0.1029
pull
Entries 85
Mean −342.5
Std Dev 381.4

pull1D
Entries 85
Mean −0.01999
Std Dev 1.634

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 311.8 / 84
p0 −5.944 ± 0.1533
pull
Entries 85
Mean 51.39
Std Dev 65.97
pull1D
Entries 85
Mean −0.103
Std Dev 1.912

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 282.8 / 84
p0 21.61 ± 0.1238
pull
Entries 85
Mean −511.7
Std Dev 554

pull1D
Entries 85
Mean 0.01032
Std Dev 1.824

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs run
χ^2 / ndf 140.7 / 84
p0 −0.1811 ± 0.006182
pull
Entries 85
Mean −316.1
Std Dev 356.6
pull1D
Entries 85
Mean −0.02847
Std Dev 1.286

reg_asym_sam_1357_avg_diff_bpm1X_slope vs run
χ^2 / ndf 283.8 / 84
p0 −9.305 ± 0.3739
pull
Entries 85
Mean 65.51
Std Dev 62.29

pull1D
Entries 85
Mean 0.09498
Std Dev 1.825

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs run

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs run
χ² / ndf 262.3 / 84
p0 −32.38 ± 0.3976
pull
Entries 85
Mean 86.5
Std Dev 45.8

pull1D
Entries 85
Mean −0.09984
Std Dev 1.754

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs run

reg_asym_sam_1357_avg_diff_bpm12X_slope vs run
χ² / ndf 6.437 / 84
p0 0.2365 ± 0.01605
pull
Entries 85
Mean −200.9
Std Dev 237.2

pull1D
Entries 85
Mean −0.0063
Std Dev 0.2751

reg_asym_sam_2468_avg_diff_bpm1X_slope vs run
χ^2 / ndf 250.2 / 84
p0 −22.17 ± 0.7483
pull
Entries 85
Mean 67.38
Std Dev 58.97
pull1D
Entries 85
Mean 0.0972
Std Dev 1.713

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs run
χ² / ndf 73.93 / 84
p0 0.4502 ± 0.5301
pull
Entries 85
Mean 32.72
Std Dev 79.9

pull1D
Entries 85
Mean −0.031
Std Dev 0.9321

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs run
χ^2 / ndf 233.2 / 84
p0 −67.2 ± 0.7958
pull
Entries 85
Mean 83.11
Std Dev 45.41

pull1D
Entries 85
Mean −0.1026
Std Dev 1.653

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs run
χ² / ndf 80.87 / 84
p0 42.1 ± 0.6395
pull
Entries 85
Mean 56.19
Std Dev 82.72

pull1D
Entries 85
Mean 0.03263
Std Dev 0.9749

reg_asym_sam_2468_avg_diff_bpm12X_slope vs run
χ² / ndf 3.921 / 84
p0 0.2794 ± 0.03214
pull
Entries 85
Mean −18.66
Std Dev 27.89
pull1D
Entries 85
Mean −0.005846
Std Dev 0.2147

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs run

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs run

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs run

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs run

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs run
χ² / ndf 4.529 / 84
p0 −0.02156 ± 0.008358
pull
Entries 85
Mean 181.4
Std Dev 128.6

pull1D
Entries 85
Mean 0.005792
Std Dev 0.2308

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs run
χ² / ndf 263.1 / 84
p0 −15.74 ± 0.5586
pull
Entries 85
Mean 66.71
Std Dev 60.08
pull1D
Entries 85
Mean 0.09695
Std Dev 1.757

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs run
χ² / ndf 79.56 / 84
p0 1.692 ± 0.3959
pull
Entries 85
Mean 27.08
Std Dev 79.24
pull1D
Entries 85
Mean −0.03182
Std Dev 0.967

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs run

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs run
χ² / ndf 87.8 / 84
p0 34.99 ± 0.4775
pull
Entries 85
Mean 53.15
Std Dev 83.56
pull1D
Entries 85
Mean 0.03353
Std Dev 1.016

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs run
χ² / ndf 4.411 / 84
p0 0.2579 ± 0.02399
pull
Entries 85
Mean −85.65
Std Dev 115.8
pull1D
Entries 85
Mean −0.005892
Std Dev 0.2277

reg_asym_atl1_diff_bpm1X_slope vs run
χ^2 / ndf 61.56 / 84
p0 −43.37 ± 2.941
pull
Entries 85
Mean 33.99
Std Dev 81.86
pull1D
Entries 85
Mean −0.01424
Std Dev 0.8509

reg_asym_atl1_diff_bpm4aY_slope vs run
χ² / ndf 76.18 / 84
p0 −0.4435 ± 2.108
pull
Entries 85
Mean −837.1
Std Dev 882.7

pull1D
Entries 85
Mean −0.005963
Std Dev 0.9467

reg_asym_atl1_diff_bpm4eX_slope vs run
χ^2 / ndf 60.26 / 84
p0 95.05 ± 3.127
pull
Entries 85
Mean 33.01
Std Dev 79.1

pull1D
Entries 85
Mean 0.01682
Std Dev 0.8418

reg_asym_atl1_diff_bpm4eY_slope vs run
χ² / ndf 93.07 / 84
p0 7.804 ± 2.529
pull
Entries 85
Mean −596.6
Std Dev 641.3
pull1D
Entries 85
Mean 0.009646
Std Dev 1.046

reg_asym_atl1_diff_bpm12X_slope vs run
χ² / ndf 343.7 / 84
p0 −42.56 ± 0.126
pull
Entries 85
Mean −303.5
Std Dev 322.2
pull1D
Entries 85
Mean 0.0901
Std Dev 1.794

reg_asym_atl2_diff_bpm1X_slope vs run
χ^2 / ndf 45.95 / 84
p0 −543.5 ± 10.58
pull
Entries 85
Mean 51.57
Std Dev 61.88
pull1D
Entries 85
Mean −0.04132
Std Dev 0.7341

reg_asym_atl2_diff_bpm4aY_slope vs run
χ² / ndf 12.11 / 84
p0 16.96 ± 7.536
pull
Entries 85
Mean −8.336
Std Dev 70.55
pull1D
Entries 85
Mean 0.01002
Std Dev 0.3773

reg_asym_atl2_diff_bpm4eX_slope vs run
χ^2 / ndf 46.26 / 84
p0 537.7 ± 11.25
pull
Entries 85
Mean 53.14
Std Dev 60.91

pull1D
Entries 85
Mean 0.04392
Std Dev 0.7364

reg_asym_atl2_diff_bpm4eY_slope vs run
χ² / ndf 14.65 / 84
p0 149.9 ± 9.077
pull
Entries 85
Mean −16.9
Std Dev 49.11
pull1D
Entries 85
Mean −0.01468
Std Dev 0.415

reg_asym_atl2_diff_bpm12X_slope vs run
χ² / ndf 65.92 / 84
p0 −348.9 ± 0.456
pull
Entries 85
Mean 950.5
Std Dev 922.2
pull1D
Entries 85
Mean −0.00256
Std Dev 0.8806

reg_asym_atr1_diff_bpm1X_slope vs run
χ² / ndf 85.13 / 84
p0 −71.71 ± 3.172
pull
Entries 85
Mean −711.2
Std Dev 773.3

pull1D
Entries 85
Mean 0.002675
Std Dev 1.001

reg_asym_atr1_diff_bpm4aY_slope vs run
χ² / ndf 90.27 / 84
p0 −0.3246 ± 2.275
pull
Entries 85
Mean −199.5
Std Dev 234.9

pull1D
Entries 85
Mean 0.00249
Std Dev 1.031

reg_asym_atr1_diff_bpm4eX_slope vs run
χ² / ndf 81.73 / 84
p0 21.97 ± 3.373
150
100
50
0
−50
−100
pull
Entries 85
Mean −1218
Std Dev 1281
3
2
1
0
−1
−2
pull1D
Entries 85
Mean −0.00151
Std Dev 0.9805
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_atr1_diff_bpm4eY_slope vs run
χ² / ndf 103.8 / 84
p0 4.893 ± 2.728
pull
Entries 85
Mean 852
Std Dev 805.2
pull1D
Entries 85
Mean −0.0006962
Std Dev 1.105

reg_asym_atr1_diff_bpm12X_slope vs run
χ² / ndf 229.1 / 84
p0 −37.21 ± 0.1357
pull
Entries 85
Mean −251.9
Std Dev 291
pull1D
Entries 85
Mean −0.01824
Std Dev 1.642

reg_asym_atr2_diff_bpm1X_slope vs run
χ^2 / ndf 64.67 / 84
p0 −425.9 ± 9.095
−200
−300
−400
−500
−600
pull
Entries 85
Mean 105.5
Std Dev 12.13
3
2
1
0
−1
−2

pull1D
Entries 85
Mean −0.0457
Std Dev 0.871
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_atr2_diff_bpm4aY_slope vs run
χ² / ndf 21.56 / 84
p0 −1.466 ± 6.478
pull
Entries 85
Mean 25.17
Std Dev 85.8

pull1D
Entries 85
Mean 0.01603
Std Dev 0.5034

reg_asym_atr2_diff_bpm4eX_slope vs run
χ² / ndf 67.14 / 84
p0 579.8 ± 9.669
pull
Entries 85
Mean 105.3
Std Dev 14.51

pull1D
Entries 85
Mean 0.04962
Std Dev 0.8873

reg_asym_atr2_diff_bpm4eY_slope vs run
χ² / ndf 26.42 / 84
p0 147.2 ± 7.803
pull
Entries 85
Mean 28.26
Std Dev 80.25

pull1D
Entries 85
Mean −0.02195
Std Dev 0.5571

reg_asym_atr2_diff_bpm12X_slope vs run
χ^2 / ndf 35.58 / 84
p0 −291.8 ± 0.3921
pull
Entries 85
Mean 1317
Std Dev 1280
pull1D
Entries 85
Mean −0.002122
Std Dev 0.647

reg_asym_atl_avg_diff_bpm1X_slope vs run
χ² / ndf 49.98 / 84
p0 −293 ± 6.03
pull
Entries 85
Mean 48.82
Std Dev 61.15

pull1D
Entries 85
Mean −0.04407
Std Dev 0.7655

reg_asym_atl_avg_diff_bpm4aY_slope vs run
χ^2 / ndf 14.2 / 84
p0 8.317 ± 4.296
pull
Entries 85
Mean 168.5
Std Dev 68.64

pull1D
Entries 85
Mean 0.006612
Std Dev 0.4087

reg_asym_atl_avg_diff_bpm4eX_slope vs run
χ² / ndf 50.28 / 84
p0 315.9 ± 6.411
pull
Entries 85
Mean 49.95
Std Dev 60.55
pull1D
Entries 85
Mean 0.04695
Std Dev 0.7677

reg_asym_atl_avg_diff_bpm4eY_slope vs run
χ² / ndf 15.88 / 84
p0 78.7 ± 5.174
pull
Entries 85
Mean 122.2
Std Dev 49.77

pull1D
Entries 85
Mean −0.009319
Std Dev 0.4321

reg_asym_atl_avg_diff_bpm12X_slope vs run
χ² / ndf 110.7 / 84
p0 −195.7 ± 0.2599
−190
−195
−200
−205
−210
pull
Entries 85
Mean 145.5
Std Dev 108.8
pull1D
Entries 85
Mean −0.01046
Std Dev 1.141

reg_asym_atl_dd_diff_bpm1X_slope vs run
χ² / ndf 42.35 / 84
p0 251 ± 4.897
pull
Entries 85
Mean 58.15
Std Dev 66.57

pull1D
Entries 85
Mean 0.03021
Std Dev 0.7052

reg_asym_atl_dd_diff_bpm4aY_slope vs run
χ² / ndf 20.41 / 84
p0 −8.697 ± 3.491
pull
Entries 85
Mean −121.8
Std Dev 146.1

pull1D
Entries 85
Mean −0.01281
Std Dev 0.4898

reg_asym_atl_dd_diff_bpm4eX_slope vs run
χ² / ndf 42.39 / 84
p0 −222.3 ± 5.207
pull
Entries 85
Mean 60.71
Std Dev 64.42
pull1D
Entries 85
Mean −0.03232
Std Dev 0.7055

reg_asym_atl_dd_diff_bpm4eY_slope vs run
χ^2 / ndf 26.77 / 84
p0 −71.06 ± 4.202
pull
Entries 85
Mean −102.9
Std Dev 128.9

pull1D
Entries 85
Mean 0.01907
Std Dev 0.5608

reg_asym_atl_dd_diff_bpm12X_slope vs run
χ² / ndf 44.79 / 84
p0 153.2 ± 0.2109
pull
Entries 85
Mean −1790
Std Dev 1816

pull1D
Entries 85
Mean −0.002019
Std Dev 0.7259

reg_asym_atr_avg_diff_bpm1X_slope vs run
χ² / ndf 61.51 / 84
p0 −248.8 ± 5.231
pull
Entries 85
Mean 123.1
Std Dev 43.9
pull1D
Entries 85
Mean −0.03846
Std Dev 0.8498

reg_asym_atr_avg_diff_bpm4aY_slope vs run
χ² / ndf 24.27 / 84
p0 −0.5579 ± 3.728
pull
Entries 85
Mean 1.858
Std Dev 95.09

pull1D
Entries 85
Mean 0.009942
Std Dev 0.5343

reg_asym_atr_avg_diff_bpm4eX_slope vs run
χ^2 / ndf 62.8 / 84
p0 301 ± 5.561
pull
Entries 85
Mean 120.4
Std Dev 41.08

pull1D
Entries 85
Mean 0.04202
Std Dev 0.8585

reg_asym_atr_avg_diff_bpm4eY_slope vs run
χ^2 / ndf 27.23 / 84
p0 75.58 ± 4.488
pull
Entries 85
Mean 38.48
Std Dev 94.38
pull1D
Entries 85
Mean −0.01398
Std Dev 0.5659

reg_asym_atr_avg_diff_bpm12X_slope vs run
χ^2 / ndf 75.44 / 84
p0 −164.5 ± 0.2254
pull
Entries 85
Mean 103.7
Std Dev 68.98

pull1D
Entries 85
Mean −0.01253
Std Dev 0.942

reg_asym_atr_dd_diff_bpm1X_slope vs run
χ^2 / ndf 73.51 / 84
p0 177.8 ± 4.372
pull
Entries 85
Mean 100.3
Std Dev 19.22

pull1D
Entries 85
Mean 0.03982
Std Dev 0.9291

reg_asym_atr_dd_diff_bpm4aY_slope vs run
χ² / ndf 36.23 / 84
p0 0.7318 ± 3.118
pull
Entries 85
Mean 39.12
Std Dev 82.36
pull1D
Entries 85
Mean −0.01852
Std Dev 0.6526

reg_asym_atr_dd_diff_bpm4eX_slope vs run
χ² / ndf 76.13 / 84
p0 −279.7 ± 4.648
pull
Entries 85
Mean 101.6
Std Dev 12.4
pull1D
Entries 85
Mean −0.04368
Std Dev 0.9454

reg_asym_atr_dd_diff_bpm4eY_slope vs run
χ² / ndf 46.01 / 84
p0 −71.34 ± 3.753
pull
Entries 85
Mean 21.06
Std Dev 74.33
pull1D
Entries 85
Mean 0.02523
Std Dev 0.7353

reg_asym_atr_dd_diff_bpm12X_slope vs run
χ^2 / ndf 27.57 / 84
p0 127.3 ± 0.1883
132
130
128
126
124
pull
Entries 85
Mean −893.3
Std Dev 931.4
1.5
1
0.5
0
−0.5
−1

pull1D
Entries 85
Mean −0.005096
Std Dev 0.5695
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_at1_avg_diff_bpm1X_slope vs run
χ² / ndf 86.45 / 84
p0 −57.39 ± 2.287
pull
Entries 85
Mean 163.5
Std Dev 59.42

pull1D
Entries 85
Mean −0.01075
Std Dev 1.008

reg_asym_at1_avg_diff_bpm4aY_slope vs run
χ^2 / ndf 89.2 / 84
p0 −0.3089 ± 1.638
pull
Entries 85
Mean −622.1
Std Dev 668.6

pull1D
Entries 85
Mean −0.004572
Std Dev 1.024

reg_asym_at1_avg_diff_bpm4eX_slope vs run
χ² / ndf 82.32 / 84
p0 58.35 ± 2.432
pull
Entries 85
Mean 133.6
Std Dev 34.47
pull1D
Entries 85
Mean 0.01319
Std Dev 0.984

reg_asym_at1_avg_diff_bpm4eY_slope vs run
χ^2 / ndf 113.8 / 84
p0 6.239 ± 1.966
pull
Entries 85
Mean −475.4
Std Dev 519.9
pull1D
Entries 85
Mean 0.008611
Std Dev 1.157

reg_asym_at1_avg_diff_bpm12X_slope vs run
χ² / ndf 403.6 / 84
p0 −39.87 ± 0.09801
pull
Entries 85
Mean −145.6
Std Dev 175.9
pull1D
Entries 85
Mean 0.08961
Std Dev 1.881

reg_asym_at1_dd_diff_bpm1X_slope vs run
χ^2 / ndf 56.58 / 84
p0 14.09 ± 2.029
pull
Entries 85
Mean −126.8
Std Dev 167.5
pull1D
Entries 85
Mean −0.009858
Std Dev 0.8158

reg_asym_at1_dd_diff_bpm4aY_slope vs run
χ^2 / ndf 76.07 / 84
p0 −0.0449 ± 1.457
pull
Entries 85
Mean −579.3
Std Dev 623.6
pull1D
Entries 85
Mean −0.006863
Std Dev 0.946

reg_asym_at1_dd_diff_bpm4eX_slope vs run
χ^2 / ndf 56.6 / 84
p0 36.63 ± 2.158
pull
Entries 85
Mean −107
Std Dev 144.9
pull1D
Entries 85
Mean 0.0108
Std Dev 0.8159

reg_asym_at1_dd_diff_bpm4eY_slope vs run
χ² / ndf 79.27 / 84
p0 1.465 ± 1.746
pull
Entries 85
Mean −502.3
Std Dev 546.6
pull1D
Entries 85
Mean 0.007382
Std Dev 0.9657

reg_asym_at1_dd_diff_bpm12X_slope vs run
χ² / ndf 108.6 / 84
p0 −2.687 ± 0.08675
pull
Entries 85
Mean −66.97
Std Dev 140.6

pull1D
Entries 85
Mean 0.01296
Std Dev 1.13

reg_asym_at2_avg_diff_bpm1X_slope vs run
χ^2 / ndf 53.8 / 84
p0 −484.3 ± 9.569
pull
Entries 85
Mean 76.01
Std Dev 50.78
pull1D
Entries 85
Mean −0.04692
Std Dev 0.7942

reg_asym_at2_avg_diff_bpm4aY_slope vs run
χ^2 / ndf 12.19 / 84
p0 7.711 ± 6.813
150
100
50
0
−50
−100
pull
Entries 85
Mean 11.46
Std Dev 80.65
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2

pull1D
Entries 85
Mean 0.01346
Std Dev 0.3785
45
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_at2_avg_diff_bpm4eX_slope vs run
χ^2 / ndf 55.22 / 84
p0 558.3 ± 10.17
pull
Entries 85
Mean 77.06
Std Dev 49.31

pull1D
Entries 85
Mean 0.05022
Std Dev 0.8044

reg_asym_at2_avg_diff_bpm4eY_slope vs run
χ² / ndf 15.78 / 84
p0 148.6 ± 8.208
pull
Entries 85
Mean 9.029
Std Dev 71.34

pull1D
Entries 85
Mean −0.01898
Std Dev 0.4305

reg_asym_at2_avg_diff_bpm12X_slope vs run
χ² / ndf 48.35 / 84
p0 −320.3 ± 0.4126
pull
Entries 85
Mean 1545
Std Dev 1512

pull1D
Entries 85
Mean −0.001708
Std Dev 0.7542

reg_asym_at2_dd_diff_bpm1X_slope vs run
χ² / ndf 59.76 / 84
p0 58.98 ± 2.38
pull
Entries 85
Mean −2821
Std Dev 2862

pull1D
Entries 85
Mean 0.00167
Std Dev 0.8385

reg_asym_at2_dd_diff_bpm4aY_slope vs run
χ² / ndf 79.91 / 84
p0 −8.892 ± 1.705
pull
Entries 85
Mean −305.5
Std Dev 404.7

pull1D
Entries 85
Mean −0.001419
Std Dev 0.9696

reg_asym_at2_dd_diff_bpm4eX_slope vs run
χ² / ndf 57.86 / 84
p0 20.9 ± 2.531
pull
Entries 85
Mean −7622
Std Dev 7662

pull1D
Entries 85
Mean −0.000651
Std Dev 0.825

reg_asym_at2_dd_diff_bpm4eY_slope vs run
χ² / ndf 83.06 / 84
p0 −1.737 ± 2.045
pull
Entries 85
Mean −1392
Std Dev 1465
pull1D
Entries 85
Mean 0.0009013
Std Dev 0.9885

reg_asym_at2_dd_diff_bpm12X_slope vs run
χ^2 / ndf 133.3 / 84
p0 28.56 ± 0.1019
pull
Entries 85
Mean −233.1
Std Dev 422

pull1D
Entries 85
Mean 0.0008081
Std Dev 1.252

reg_asym_atl1r2_avg_diff_bpm1X_slope vs run
χ² / ndf 66.13 / 84
p0 −234.2 ± 5.323
pull
Entries 85
Mean 93.43
Std Dev 33.85
pull1D
Entries 85
Mean −0.04729
Std Dev 0.8808

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs run
χ² / ndf 20.51 / 84
p0 −0.8661 ± 3.792
pull
Entries 85
Mean 153.4
Std Dev 42.91
pull1D
Entries 85
Mean 0.01081
Std Dev 0.4911

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs run
χ² / ndf 68.41 / 84
p0 337 ± 5.659
pull
Entries 85
Mean 93.07
Std Dev 33.42
pull1D
Entries 85
Mean 0.05137
Std Dev 0.8957

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs run
χ² / ndf 24.33 / 84
p0 77.33 ± 4.567
pull
Entries 85
Mean 143
Std Dev 30.35
pull1D
Entries 85
Mean −0.01427
Std Dev 0.5348

reg_asym_atl1r2_avg_diff_bpm12X_slope vs run
χ² / ndf 82.46 / 84
p0 −167.1 ± 0.2294
pull
Entries 85
Mean 162.4
Std Dev 108
pull1D
Entries 85
Mean −0.009873
Std Dev 0.9849

reg_asym_atl1r2_dd_diff_bpm1X_slope vs run
χ² / ndf 61.11 / 84
p0 192.3 ± 4.172
pull
Entries 85
Mean 144.3
Std Dev 74.94
pull1D
Entries 85
Mean 0.03178
Std Dev 0.8473

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs run
χ² / ndf 36.94 / 84
p0 0.4719 ± 2.975
pull
Entries 85
Mean −68.8
Std Dev 77.18
pull1D
Entries 85
Mean −0.019
Std Dev 0.659

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs run
χ² / ndf 62.94 / 84
p0 −243.4 ± 4.435
pull
Entries 85
Mean 142.4
Std Dev 73.91

pull1D
Entries 85
Mean −0.03512
Std Dev 0.8598

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs run
χ² / ndf 46.38 / 84
p0 −69.65 ± 3.58
pull
Entries 85
Mean −50.48
Std Dev 55.23
pull1D
Entries 85
Mean 0.02667
Std Dev 0.7382

reg_asym_atl1r2_dd_diff_bpm12X_slope vs run
χ² / ndf 34.43 / 84
p0 124.6 ± 0.1796
pull
Entries 85
Mean 1.496e+04
Std Dev 1.493e+04
pull1D
Entries 85
Mean 0.0002967
Std Dev 0.6364

reg_asym_atr1l2_avg_diff_bpm1X_slope vs run
χ² / ndf 46.37 / 84
p0 −307.5 ± 5.974
pull
Entries 85
Mean 65.87
Std Dev 63.09

pull1D
Entries 85
Mean −0.03629
Std Dev 0.7377

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs run
χ² / ndf 17.73 / 84
p0 8.618 ± 4.256
pull
Entries 85
Mean −58.82
Std Dev 34.78
pull1D
Entries 85
Mean 0.005818
Std Dev 0.4566

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs run
χ² / ndf 45.8 / 84
p0 279.8 ± 6.351
pull
Entries 85
Mean 65.87
Std Dev 61.91

pull1D
Entries 85
Mean 0.03869
Std Dev 0.7331

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs run
χ² / ndf 20.1 / 84
p0 76.97 ± 5.125
pull
Entries 85
Mean −21.72
Std Dev 64.97
pull1D
Entries 85
Mean −0.009066
Std Dev 0.4862

reg_asym_atr1l2_avg_diff_bpm12X_slope vs run
χ² / ndf 103.5 / 84
p0 −193 ± 0.2574
pull
Entries 85
Mean 95.95
Std Dev 81.09
pull1D
Entries 85
Mean −0.0128
Std Dev 1.103

reg_asym_atr1l2_dd_diff_bpm1X_slope vs run
χ^2 / ndf 52.33 / 84
p0 236.5 ± 5.04
pull
Entries 85
Mean 36.74
Std Dev 60.96

pull1D
Entries 85
Mean 0.03752
Std Dev 0.7837

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs run
χ² / ndf 20.1 / 84
p0 −8.418 ± 3.593
pull
Entries 85
Mean 16.43
Std Dev 73.01
pull1D
Entries 85
Mean −0.01308
Std Dev 0.4862

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs run
χ² / ndf 53.17 / 84
p0 −258.5 ± 5.358
pull
Entries 85
Mean 40.35
Std Dev 60.63
pull1D
Entries 85
Mean −0.04018
Std Dev 0.7899

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs run
χ² / ndf 25.03 / 84
p0 −72.77 ± 4.325
pull
Entries 85
Mean −17.08
Std Dev 37.32
pull1D
Entries 85
Mean 0.0186
Std Dev 0.5424

reg_asym_atr1l2_dd_diff_bpm12X_slope vs run
χ² / ndf 42.42 / 84
p0 155.9 ± 0.217
162
160
158
156
154
152
150
pull
Entries 85
Mean −610.2
Std Dev 642.9
1.5
1
0.5
0
−0.5
−1
−1.5
−2
pull1D
Entries 85
Mean −0.006269
Std Dev 0.7064
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs run
χ² / ndf 56.09 / 84
p0 214 ± 4.357
pull
Entries 85
Mean 76.74
Std Dev 51.05

pull1D
Entries 85
Mean 0.04136
Std Dev 0.8113

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs run
χ² / ndf 20.41 / 84
p0 −3.913 ± 3.104
pull
Entries 85
Mean −26.57
Std Dev 34.05

pull1D
Entries 85
Mean −0.01766
Std Dev 0.4897

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs run
χ² / ndf 57.62 / 84
p0 −250.6 ± 4.632
pull
Entries 85
Mean 78.92
Std Dev 48.55
pull1D
Entries 85
Mean −0.0445
Std Dev 0.8221

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs run
χ² / ndf 28.34 / 84
p0 −71.31 ± 3.739
pull
Entries 85
Mean −31.37
Std Dev 20.35
pull1D
Entries 85
Mean 0.0249
Std Dev 0.5769

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs run
χ² / ndf 27.03 / 84
p0 140.2 ± 0.1878
144
143
142
141
140
139
138
137
136
pull
Entries 85
Mean −729.6
Std Dev 761.7
1
0.5
0
−0.5
−1

pull1D
Entries 85
Mean −0.00579
Std Dev 0.5639
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

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs run
χ² / ndf 78.25 / 84
p0 −4.499 ± 1.138
pull
Entries 85
Mean −715.8
Std Dev 767.2
pull1D
Entries 85
Mean −0.004091
Std Dev 0.9595

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs run
χ² / ndf 58.44 / 84
p0 28.74 ± 1.689
pull
Entries 85
Mean 415
Std Dev 372.9

pull1D
Entries 85
Mean 0.007258
Std Dev 0.8291

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs run
χ² / ndf 85.94 / 84
p0 −0.1051 ± 1.365
pull
Entries 85
Mean −797.1
Std Dev 849.3
pull1D
Entries 85
Mean 0.004215
Std Dev 1.006

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs run

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs run
χ^2 / ndf 54.9 / 84
p0 −270.6 ± 5.426
pull
Entries 85
Mean 77.99
Std Dev 51.07
pull1D
Entries 85
Mean −0.04628
Std Dev 0.8024

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs run
χ² / ndf 13.73 / 84
p0 3.865 ± 3.864
pull
Entries 85
Mean 73.19
Std Dev 98.71

pull1D
Entries 85
Mean 0.008647
Std Dev 0.4018

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs run
χ^2 / ndf 55.78 / 84
p0 308.1 ± 5.768
pull
Entries 85
Mean 78.12
Std Dev 50.15

pull1D
Entries 85
Mean 0.04958
Std Dev 0.8086

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs run
χ² / ndf 16.36 / 84
p0 77.17 ± 4.654
pull
Entries 85
Mean 74.01
Std Dev 87.72
pull1D
Entries 85
Mean −0.01221
Std Dev 0.4385

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs run
χ² / ndf 92.22 / 84
p0 −180.1 ± 0.234
pull
Entries 85
Mean 124.5
Std Dev 88.82

pull1D
Entries 85
Mean −0.01177
Std Dev 1.042

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs run
χ² / ndf 56.77 / 84
p0 −22.43 ± 1.539
pull
Entries 85
Mean −504.9
Std Dev 545.3

pull1D
Entries 85
Mean −0.008836
Std Dev 0.8172

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs run
χ² / ndf 79.66 / 84
p0 4.374 ± 1.105
pull
Entries 85
Mean −2092
Std Dev 2127

pull1D
Entries 85
Mean −0.001143
Std Dev 0.9681

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs run
χ² / ndf 56.02 / 84
p0 7.843 ± 1.637
pull
Entries 85
Mean −526.8
Std Dev 567
pull1D
Entries 85
Mean 0.008699
Std Dev 0.8117

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs run
χ² / ndf 77.92 / 84
p0 1.656 ± 1.324
pull
Entries 85
Mean −756.9
Std Dev 784.3

pull1D
Entries 85
Mean 0.002075
Std Dev 0.9574

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs run

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs run
χ² / ndf 630.4 / 84
p0 −11.72 ± 0.2288
pull
Entries 85
Mean 10.43
Std Dev 35.11
pull1D
Entries 85
Mean −0.134
Std Dev 2

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs run
χ² / ndf 128.2 / 84
p0 1.387 ± 0.1645
pull
Entries 85
Mean 7.462
Std Dev 66.33
pull1D
Entries 85
Mean 0.04979
Std Dev 1.227

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs run
χ² / ndf 620.8 / 84
p0 12.55 ± 0.2433
pull
Entries 85
Mean 7.804
Std Dev 38.56
pull1D
Entries 85
Mean 0.1334
Std Dev 1.994

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs run
χ² / ndf 139.8 / 84
p0 −2.327 ± 0.1972
pull
Entries 85
Mean 28.51
Std Dev 51.75
pull1D
Entries 85
Mean −0.07122
Std Dev 1.281

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs run
χ² / ndf 69.85 / 84
p0 0.07138 ± 0.009771
pull
Entries 85
Mean 325.9
Std Dev 282.4
pull1D
Entries 85
Mean 0.03779
Std Dev 0.9057

reg_asym_bcm_an_ds_diff_bpm1X_slope vs run
χ^2 / ndf 631.7 / 84
p0 −11.68 ± 0.2278
pull
Entries 85
Mean 10.35
Std Dev 35.29

pull1D
Entries 85
Mean −0.1337
Std Dev 2.002

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs run
χ² / ndf 127.7 / 84
p0 1.332 ± 0.1638
pull
Entries 85
Mean 6.812
Std Dev 66.12
pull1D
Entries 85
Mean 0.05025
Std Dev 1.225

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs run
χ² / ndf 622.1 / 84
p0 12.5 ± 0.2423
pull
Entries 85
Mean 7.726
Std Dev 38.73
pull1D
Entries 85
Mean 0.1331
Std Dev 1.997

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs run
χ^2 / ndf 140 / 84
p0 −2.26 ± 0.1963
pull
Entries 85
Mean 27.7
Std Dev 51.54
pull1D
Entries 85
Mean −0.07168
Std Dev 1.282

reg_asym_bcm_an_ds_diff_bpm12X_slope vs run
χ2 / ndf 70.67 / 84
p0 0.07078 ± 0.009729
pull
Entries 85
Mean 313.3
Std Dev 269.9

pull1D
Entries 85
Mean 0.03899
Std Dev 0.911

reg_asym_bcm_an_us_diff_bpm1X_slope vs run
χ² / ndf 626.2 / 84
p0 −11.76 ± 0.2287
pull
Entries 85
Mean 11.02
Std Dev 34.26
pull1D
Entries 85
Mean −0.1351
Std Dev 1.988

reg_asym_bcm_an_us_diff_bpm4aY_slope vs run
χ² / ndf 128.8 / 84
p0 1.3 ± 0.1645
pull
Entries 85
Mean 5.224
Std Dev 66.44
pull1D
Entries 85
Mean 0.04991
Std Dev 1.23

reg_asym_bcm_an_us_diff_bpm4eX_slope vs run
χ² / ndf 617.6 / 84
p0 12.55 ± 0.2432
pull
Entries 85
Mean 8.346
Std Dev 37.82
pull1D
Entries 85
Mean 0.1344
Std Dev 1.984

reg_asym_bcm_an_us_diff_bpm4eY_slope vs run
χ² / ndf 141.1 / 84
p0 −2.247 ± 0.1971
pull
Entries 85
Mean 26.5
Std Dev 51.29
pull1D
Entries 85
Mean −0.07165
Std Dev 1.287

reg_asym_bcm_an_us_diff_bpm12X_slope vs run
χ2 / ndf 69.89 / 84
p0 0.07135 ± 0.009768
pull
Entries 85
Mean 298.4
Std Dev 254.9
pull1D
Entries 85
Mean 0.04075
Std Dev 0.9059

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs run
χ² / ndf 621 / 84
p0 −11.96 ± 0.2315
pull
Entries 85
Mean 12.45
Std Dev 33.18

pull1D
Entries 85
Mean −0.1324
Std Dev 1.99

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs run
χ² / ndf 128.5 / 84
p0 1.426 ± 0.1665
pull
Entries 85
Mean 5.094
Std Dev 66.43
pull1D
Entries 85
Mean 0.048
Std Dev 1.229

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs run
χ² / ndf 612.7 / 84
p0 12.77 ± 0.2462
pull
Entries 85
Mean 9.684
Std Dev 36.74

pull1D
Entries 85
Mean 0.1318
Std Dev 1.986

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs run
χ² / ndf 141.7 / 84
p0 −2.415 ± 0.1995
pull
Entries 85
Mean 25.71
Std Dev 51.97
pull1D
Entries 85
Mean −0.06856
Std Dev 1.289

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs run
χ² / ndf 113.7 / 84
p0 0.06418 ± 0.009889
pull
Entries 85
Mean 299.7
Std Dev 255.3

pull1D
Entries 85
Mean 0.04719
Std Dev 1.156

reg_asym_bcm_dg_us_diff_bpm1X_slope vs run
χ² / ndf 607.1 / 84
p0 −12.11 ± 0.2359
pull
Entries 85
Mean 9.949
Std Dev 35.02
pull1D
Entries 85
Mean −0.1299
Std Dev 1.967

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs run
χ² / ndf 125.5 / 84
p0 1.472 ± 0.1697
pull
Entries 85
Mean 0.53
Std Dev 65.37
pull1D
Entries 85
Mean 0.04982
Std Dev 1.214

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs run
χ² / ndf 597.5 / 84
p0 12.97 ± 0.2509
pull
Entries 85
Mean 7.245
Std Dev 38.58
pull1D
Entries 85
Mean 0.1292
Std Dev 1.961

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs run
χ² / ndf 137.9 / 84
p0 −2.442 ± 0.2033
pull
Entries 85
Mean 21.03
Std Dev 50.4
pull1D
Entries 85
Mean −0.07051
Std Dev 1.272

reg_asym_bcm_dg_us_diff_bpm12X_slope vs run
χ² / ndf 89.46 / 84
p0 0.06787 ± 0.01008
pull
Entries 85
Mean 287.3
Std Dev 244.8
pull1D
Entries 85
Mean 0.041
Std Dev 1.025