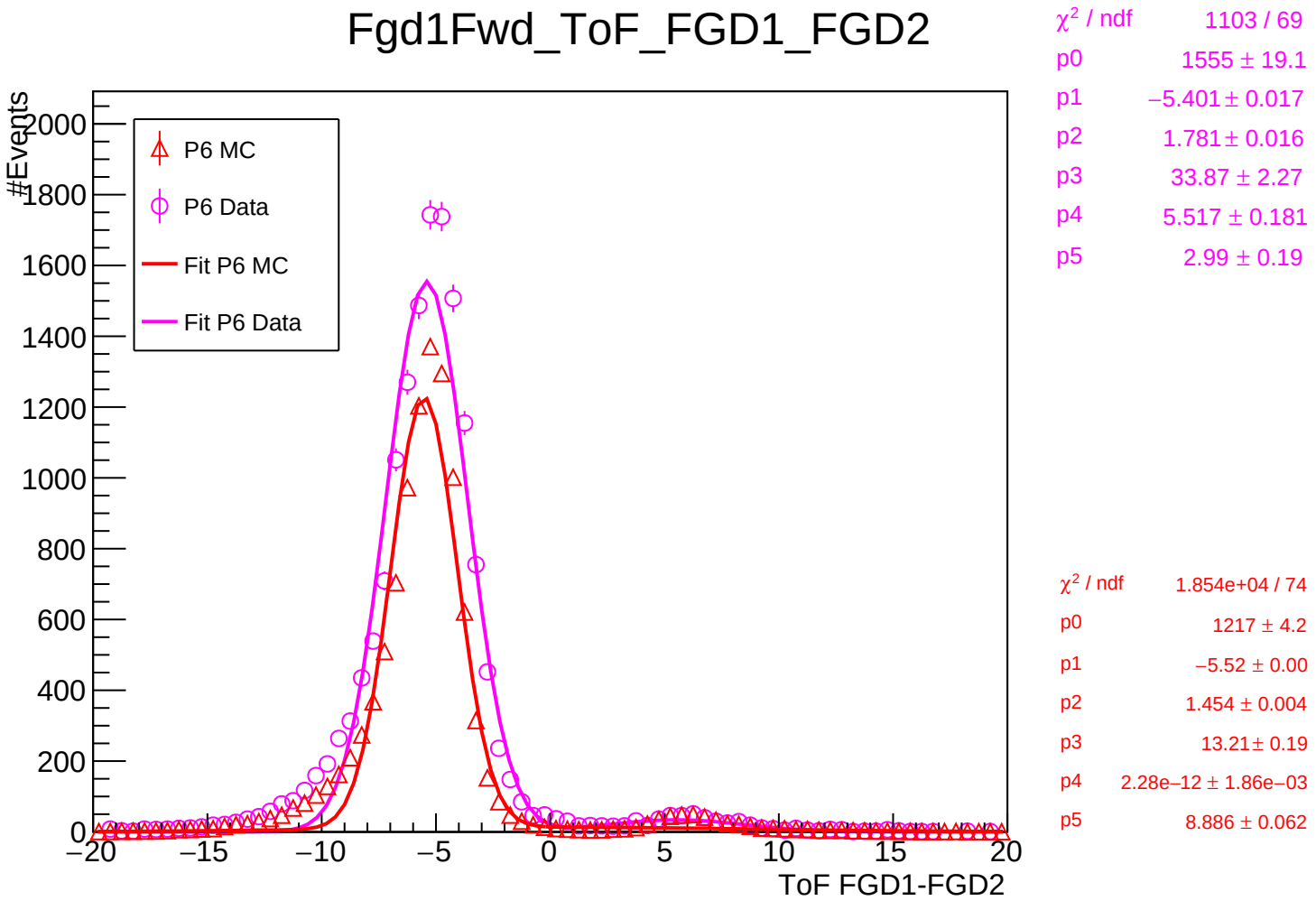
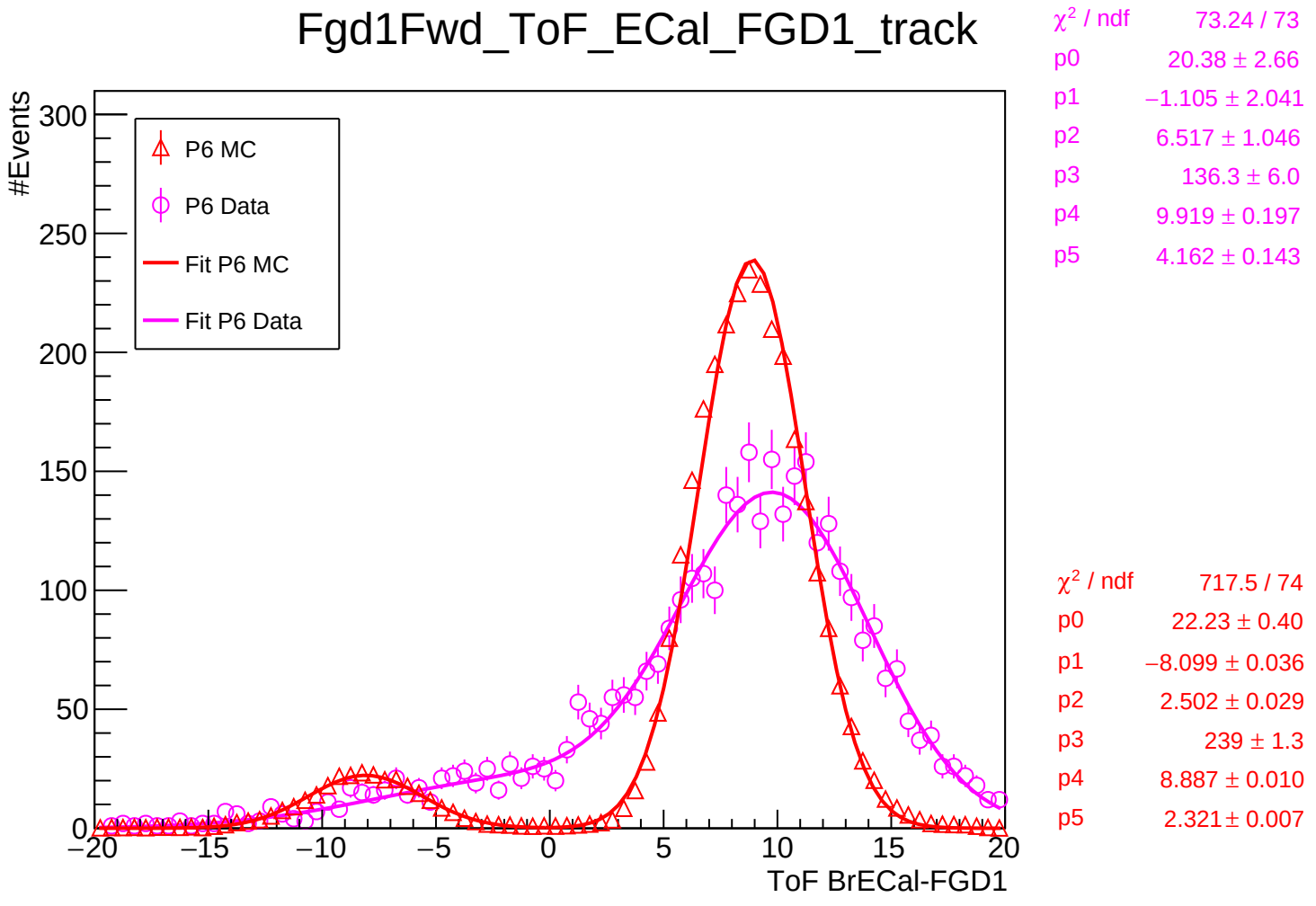
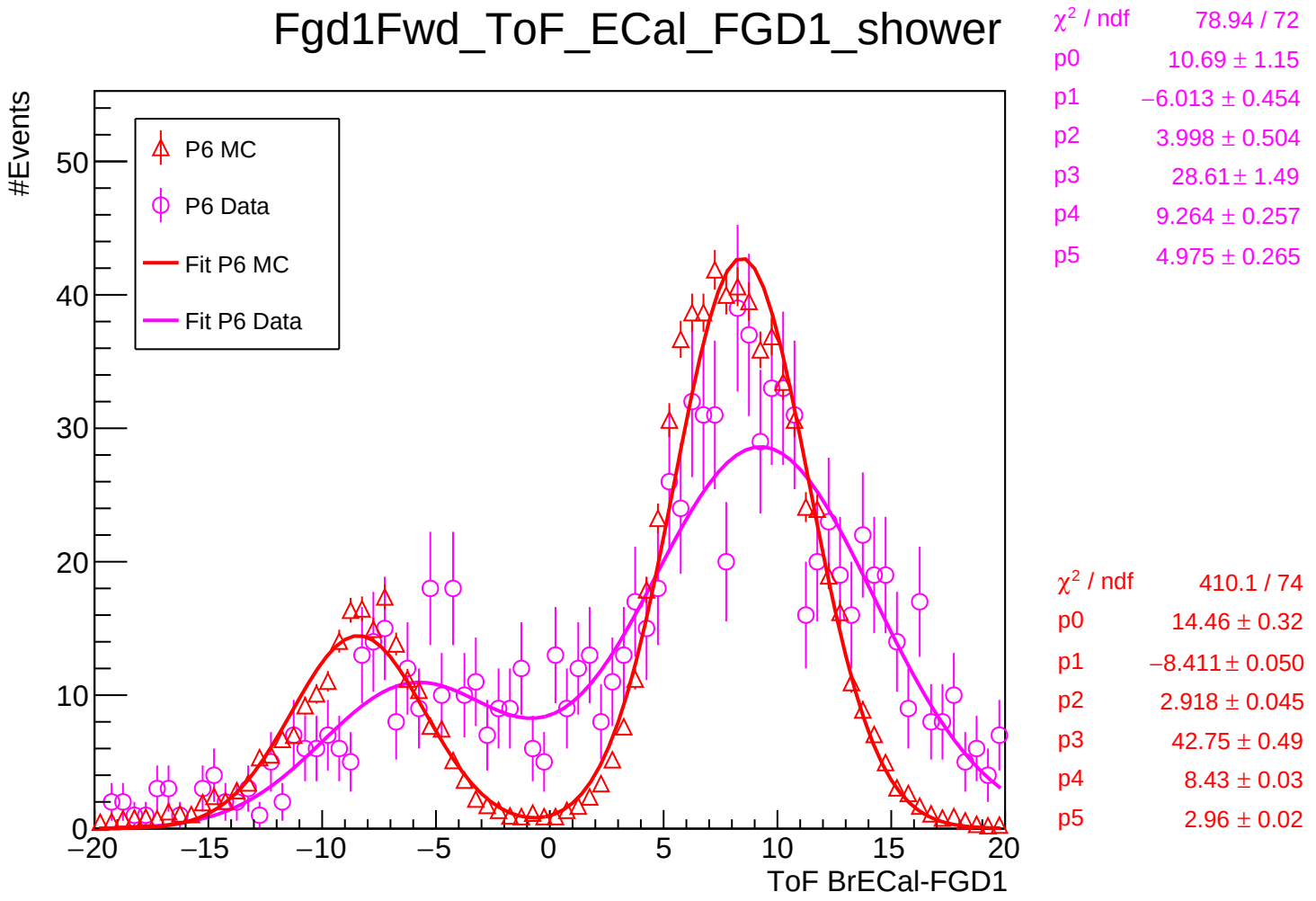
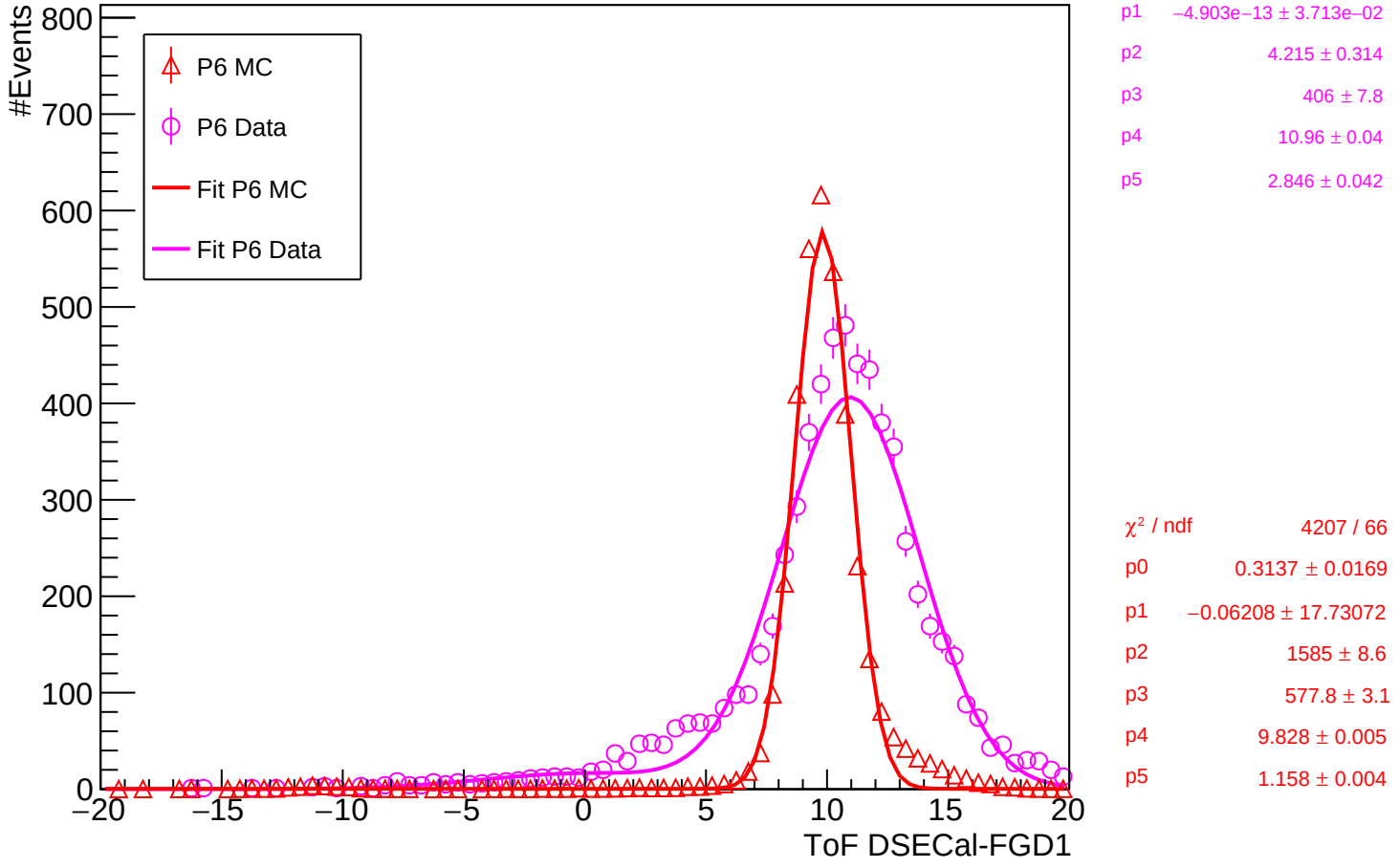
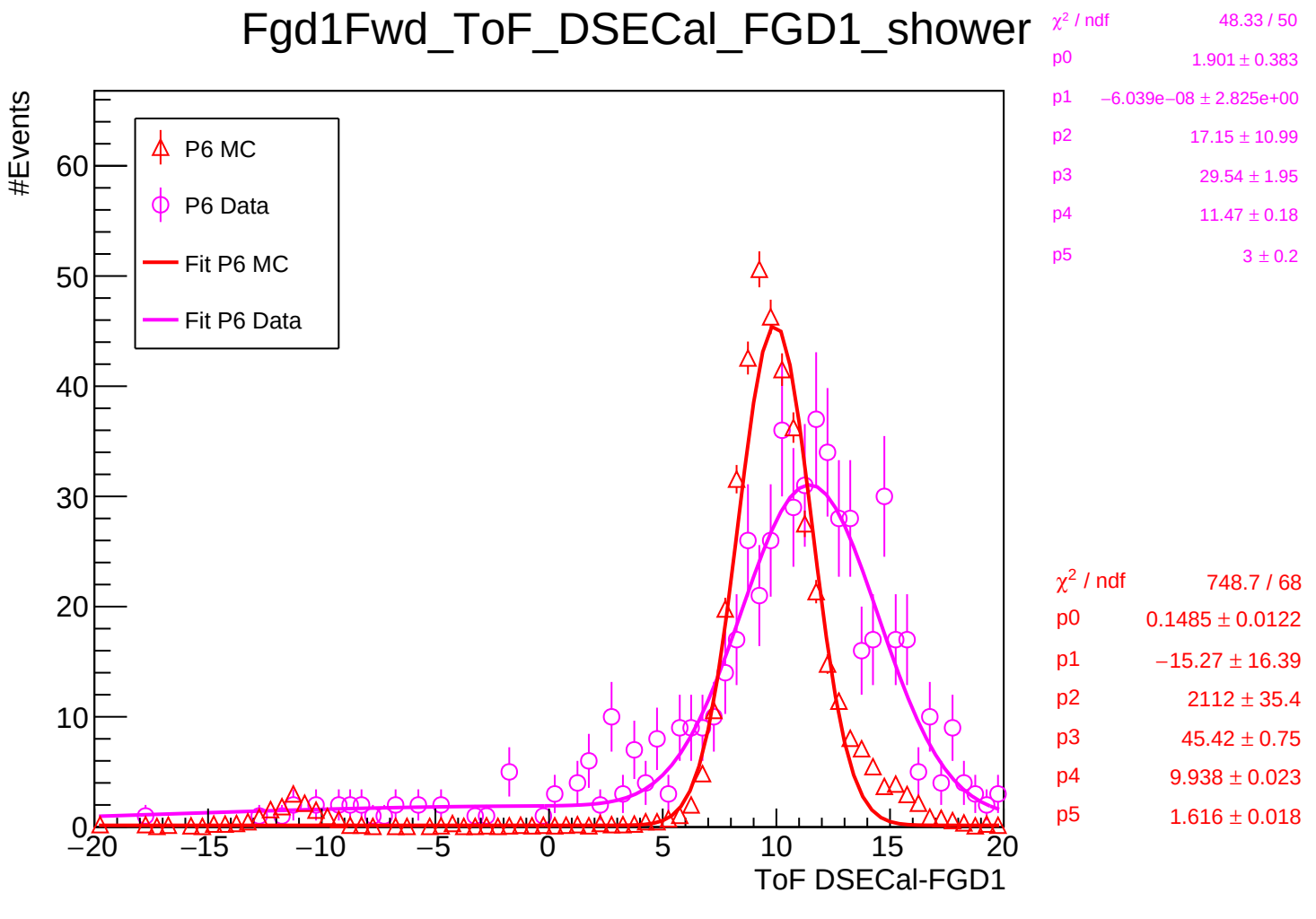
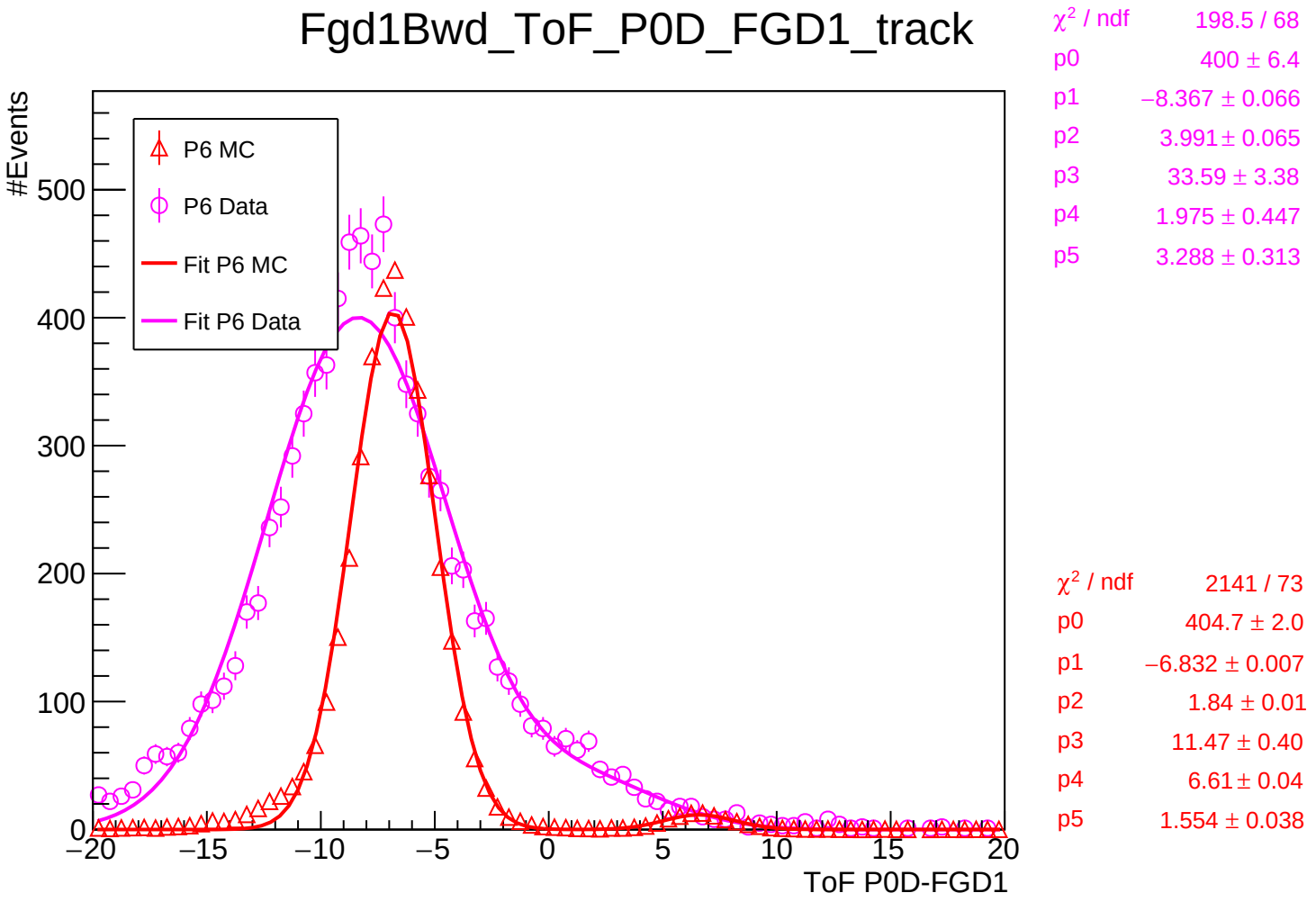

Fgd1Fwd_ToF_FGD1_FGD2
#Events
ToF FGD1-FGD2
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 1103 / 69
p0 1555 ± 19.1
p1 −5.401 ± 0.017
p2 1.781 ± 0.016
p3 33.87 ± 2.27
p4 5.517 ± 0.181
p5 2.99 ± 0.19
χ² / ndf 1.854e+04 / 74
p0 1217 ± 4.2
p1 −5.52 ± 0.00
p2 1.454 ± 0.004
p3 13.21 ± 0.19
p4 2.28e−12 ± 1.86e−03
p5 8.886 ± 0.062

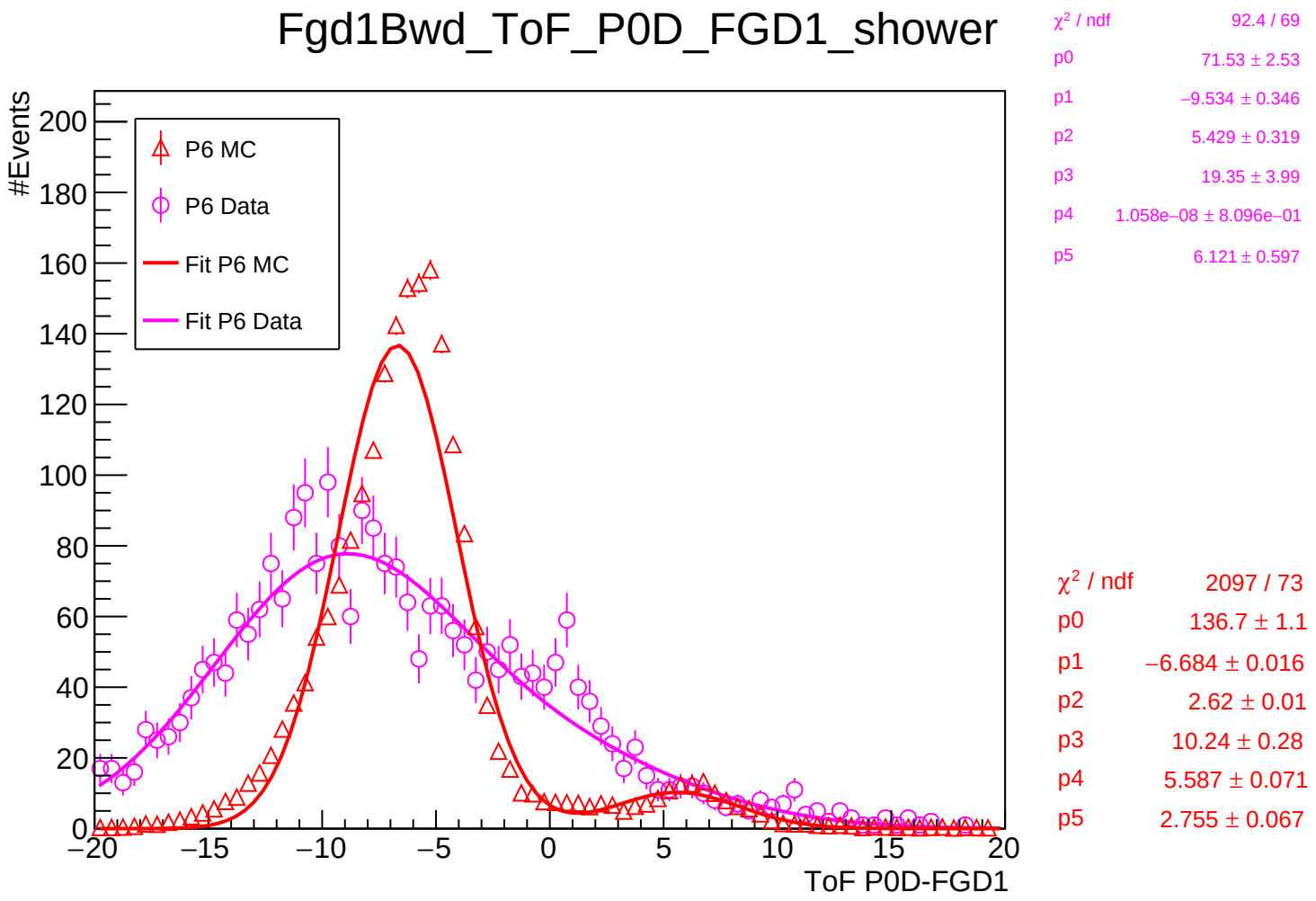

Fgd1Fwd_ToF_ECal_FGD1_track
χ² / ndf 73.24 / 73
p0 20.38 ± 2.66
p1 −1.105 ± 2.041
p2 6.517 ± 1.046
p3 136.3 ± 6.0
p4 9.919 ± 0.197
p5 4.162 ± 0.143
χ² / ndf 717.5 / 74
p0 22.23 ± 0.40
p1 −8.099 ± 0.036
p2 2.502 ± 0.029
p3 239 ± 1.3
p4 8.887 ± 0.010
p5 2.321 ± 0.007
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
#Events
ToF BrECal-FGD1
300
250
200
150
100
50
0
−20
−15
−10
−5
0
5
10
15
20

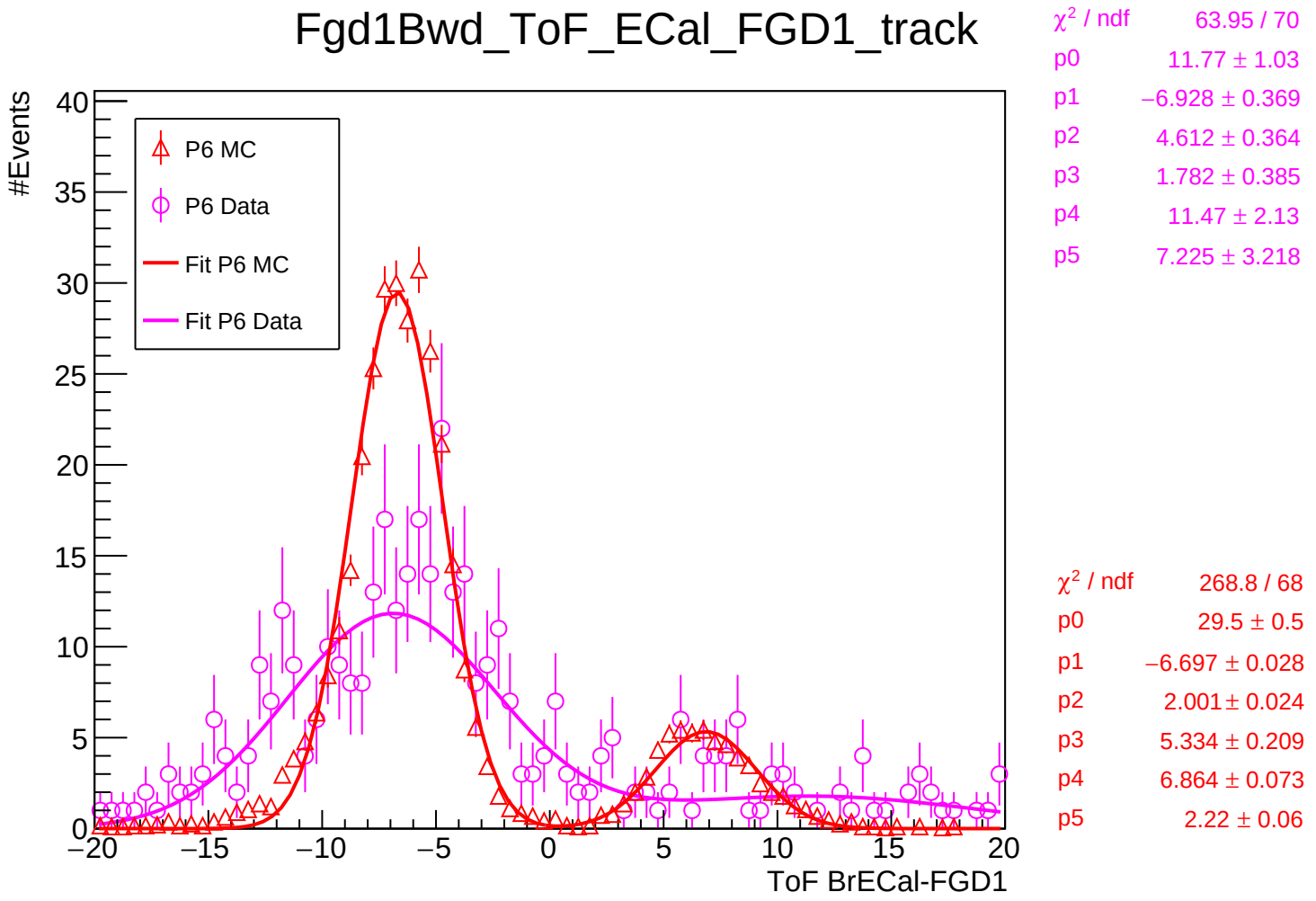

Fgd1Fwd_ToF_ECal_FGD1_shower
#Events
ToF BrECal-FGD1
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 78.94 / 72
p0 10.69 ± 1.15
p1 −6.013 ± 0.454
p2 3.998 ± 0.504
p3 28.61 ± 1.49
p4 9.264 ± 0.257
p5 4.975 ± 0.265
χ² / ndf 410.1 / 74
p0 14.46 ± 0.32
p1 −8.411 ± 0.050
p2 2.918 ± 0.045
p3 42.75 ± 0.49
p4 8.43 ± 0.03
p5 2.96 ± 0.02

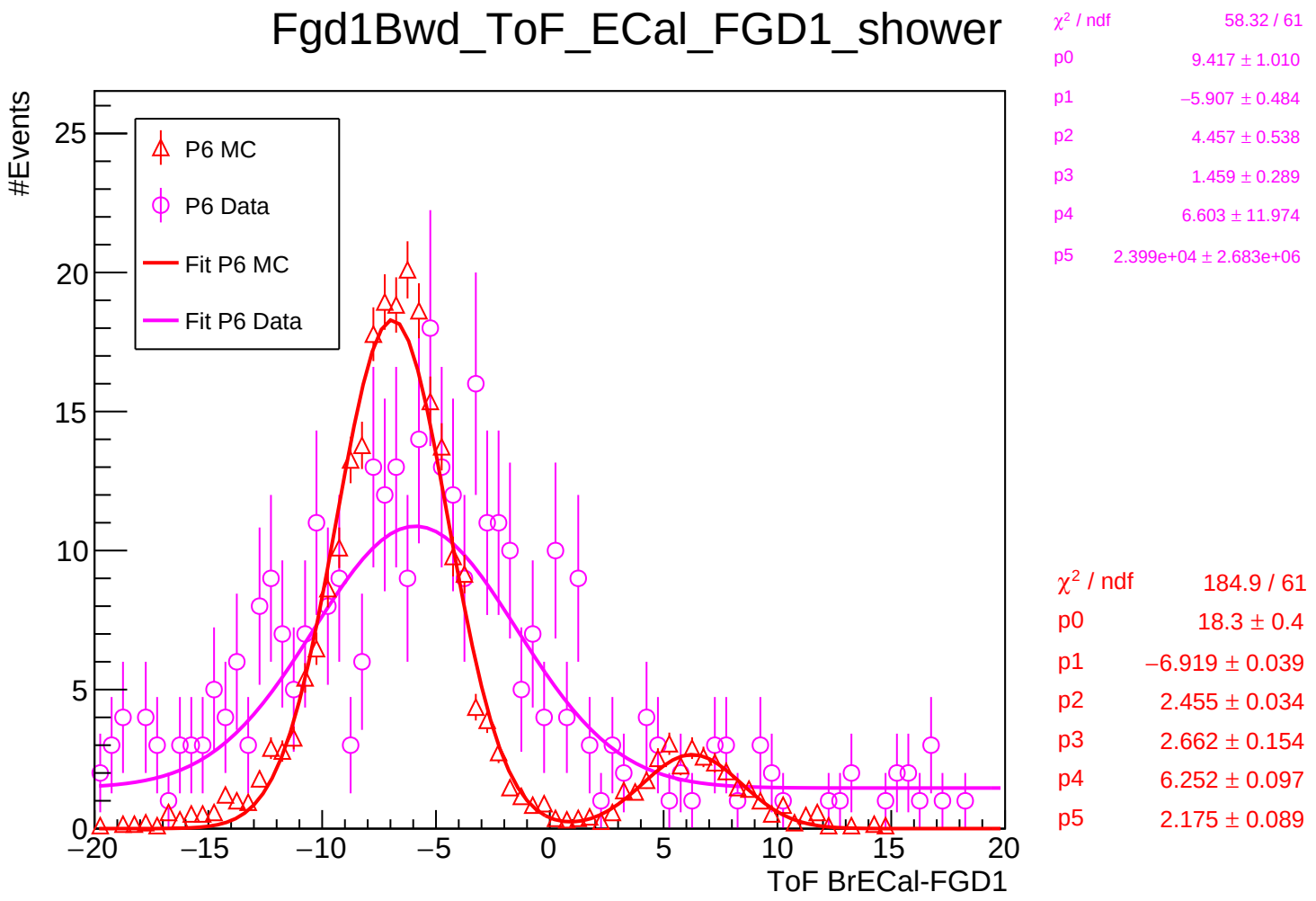

Fgd1Fwd_ToF_DSECal_FGD1_track
#Events
ToF DSECal-FGD1
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 293.5 / 60
p0 16.39 ± 1.29
p1 −4.903e−13 ± 3.713e−02
p2 4.215 ± 0.314
p3 406 ± 7.8
p4 10.96 ± 0.04
p5 2.846 ± 0.042
χ² / ndf 4207 / 66
p0 0.3137 ± 0.0169
p1 −0.06208 ± 17.73072
p2 1585 ± 8.6
p3 577.8 ± 3.1
p4 9.828 ± 0.005
p5 1.158 ± 0.004

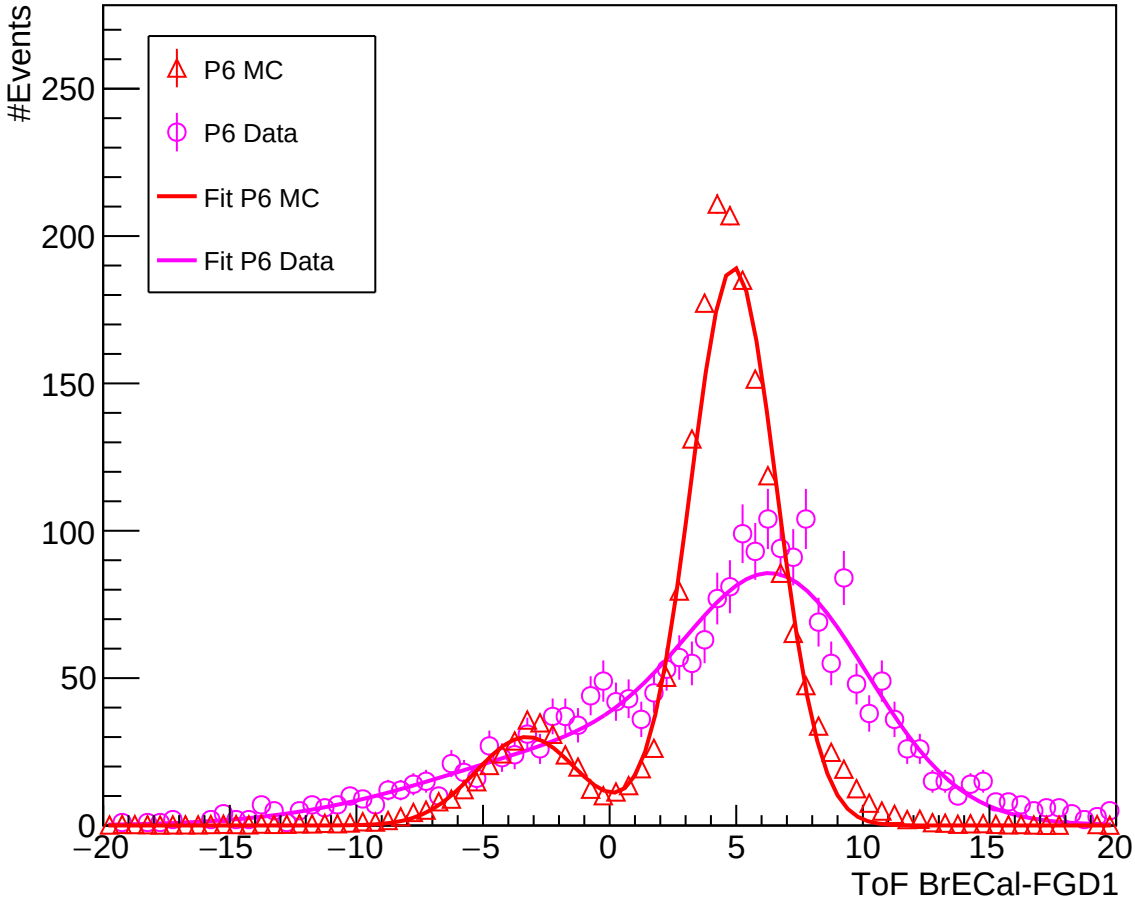

Fgd1Fwd_ToF_DSECal_FGD1_shower
#Events
ToF DSECal-FGD1
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 48.33 / 50
p0 1.901 ± 0.383
p1 −6.039e−08 ± 2.825e+00
p2 17.15 ± 10.99
p3 29.54 ± 1.95
p4 11.47 ± 0.18
p5 3 ± 0.2
χ² / ndf 748.7 / 68
p0 0.1485 ± 0.0122
p1 −15.27 ± 16.39
p2 2112 ± 35.4
p3 45.42 ± 0.75
p4 9.938 ± 0.023
p5 1.616 ± 0.018

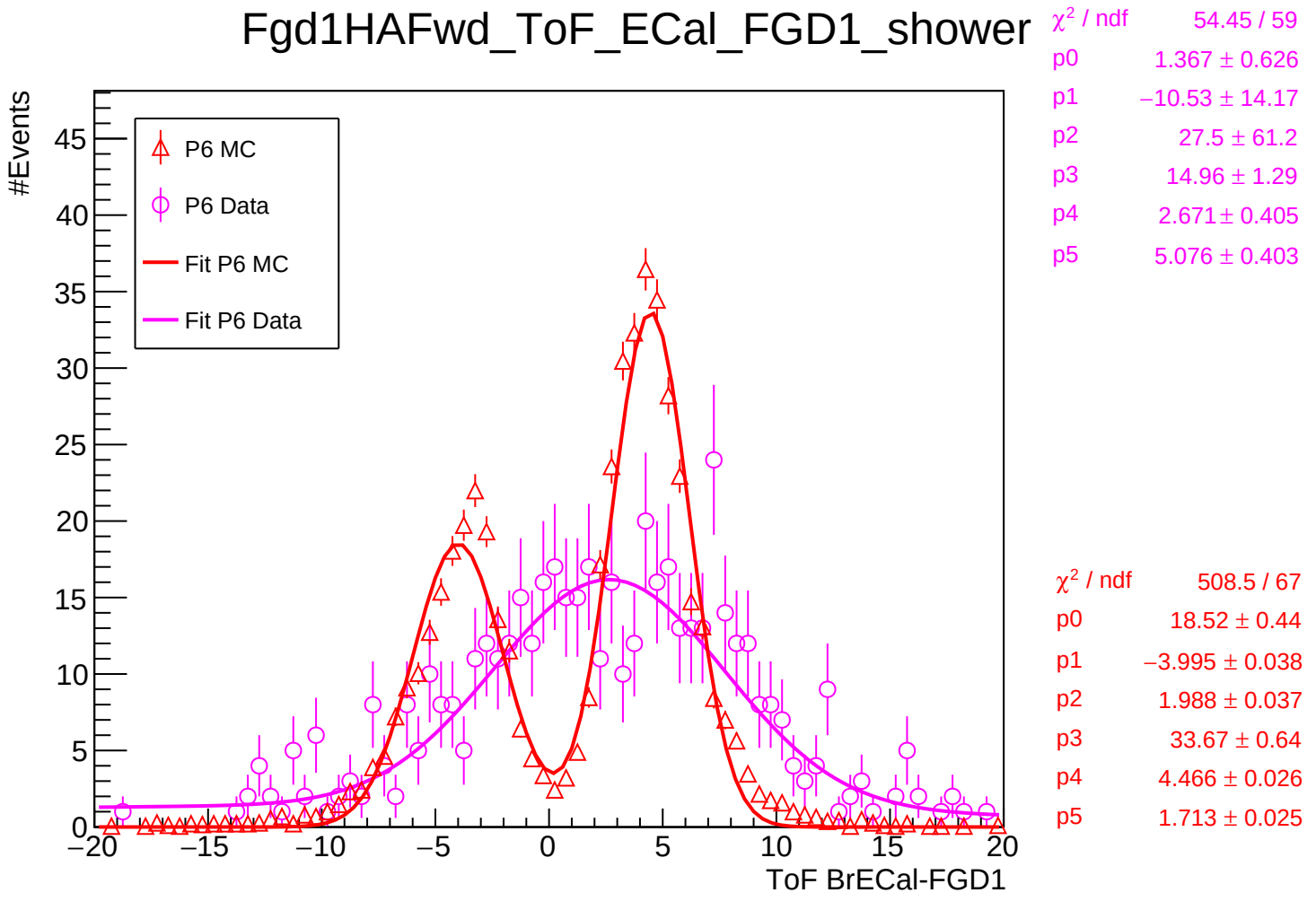

Fgd1Bwd_ToF_P0D_FGD1_track
χ² / ndf 198.5 / 68
p0 400 ± 6.4
p1 −8.367 ± 0.066
p2 3.991 ± 0.065
p3 33.59 ± 3.38
p4 1.975 ± 0.447
p5 3.288 ± 0.313
χ² / ndf 2141 / 73
p0 404.7 ± 2.0
p1 −6.832 ± 0.007
p2 1.84 ± 0.01
p3 11.47 ± 0.40
p4 6.61 ± 0.04
p5 1.554 ± 0.038
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
#Events
0
100
200
300
400
500
−20
−15
−10
−5
0
5
10
15
20
ToF P0D-FGD1

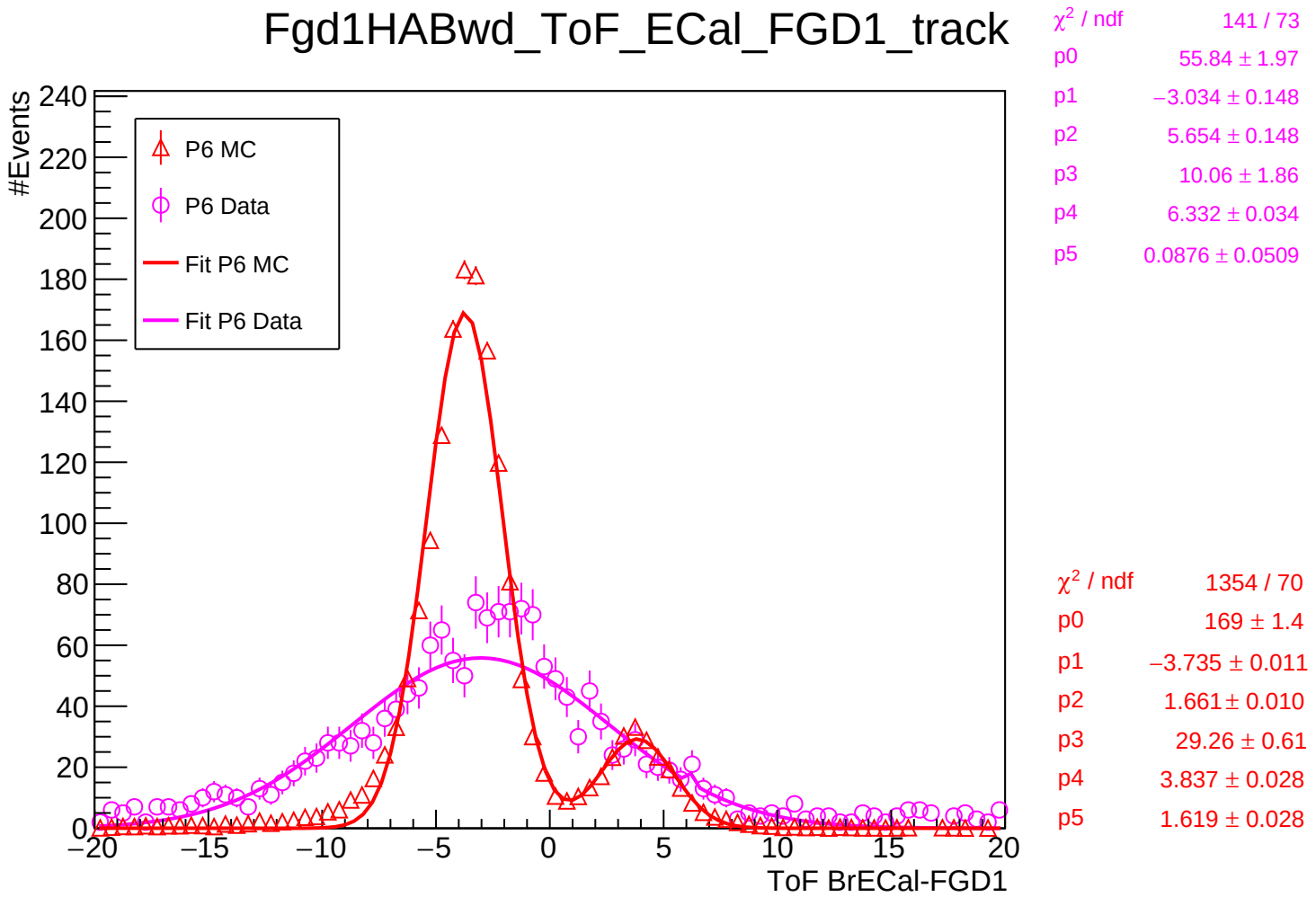

Fgd1Bwd_ToF_P0D_FGD1_shower
#Events
ToF P0D-FGD1
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 92.4 / 69
p0 71.53 ± 2.53
p1 −9.534 ± 0.346
p2 5.429 ± 0.319
p3 19.35 ± 3.99
p4 1.058e−08 ± 8.096e−01
p5 6.121 ± 0.597
χ² / ndf 2097 / 73
p0 136.7 ± 1.1
p1 −6.684 ± 0.016
p2 2.62 ± 0.01
p3 10.24 ± 0.28
p4 5.587 ± 0.071
p5 2.755 ± 0.067

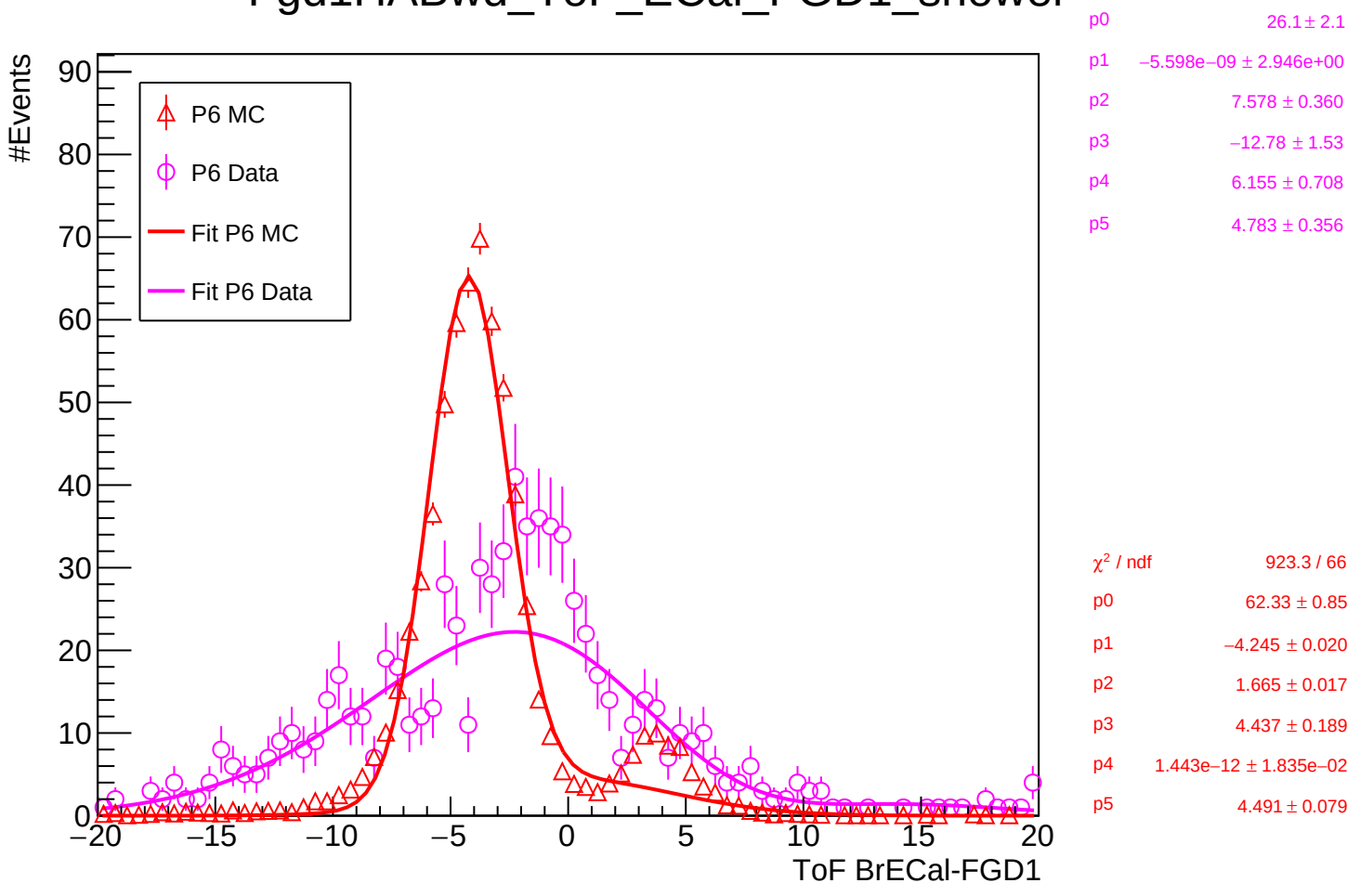

Fgd1Bwd_ToF_ECal_FGD1_track
#Events
ToF BrECal-FGD1
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 63.95 / 70
p0 11.77 ± 1.03
p1 −6.928 ± 0.369
p2 4.612 ± 0.364
p3 1.782 ± 0.385
p4 11.47 ± 2.13
p5 7.225 ± 3.218
χ² / ndf 268.8 / 68
p0 29.5 ± 0.5
p1 −6.697 ± 0.028
p2 2.001 ± 0.024
p3 5.334 ± 0.209
p4 6.864 ± 0.073
p5 2.22 ± 0.06

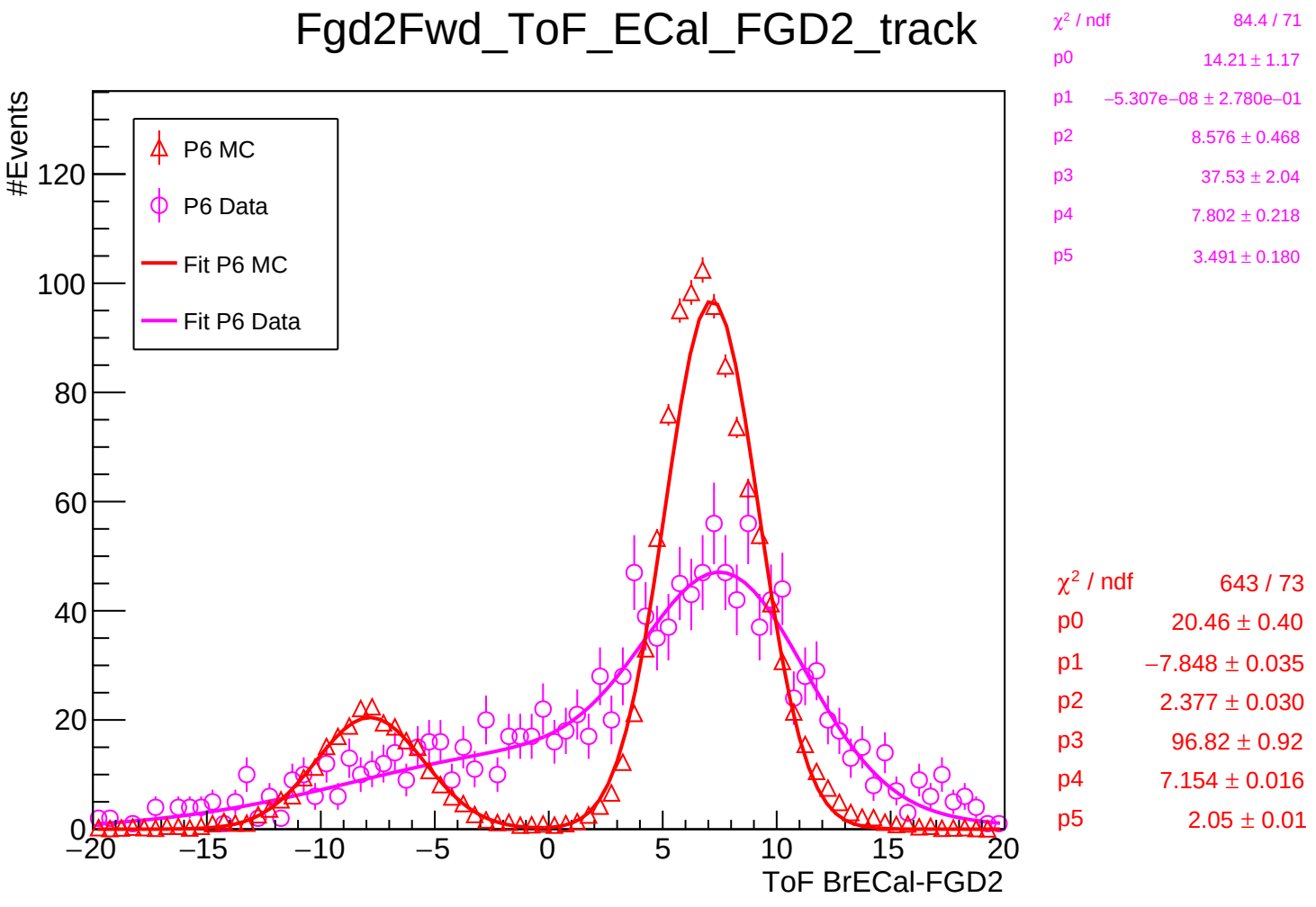

Fgd1Bwd_ToF_ECal_FGD1_shower
#Events
ToF BrECal-FGD1
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 58.32 / 61
p0 9.417 ± 1.010
p1 −5.907 ± 0.484
p2 4.457 ± 0.538
p3 1.459 ± 0.289
p4 6.603 ± 11.974
p5 2.399e+04 ± 2.683e+06
χ² / ndf 184.9 / 61
p0 18.3 ± 0.4
p1 −6.919 ± 0.039
p2 2.455 ± 0.034
p3 2.662 ± 0.154
p4 6.252 ± 0.097
p5 2.175 ± 0.089

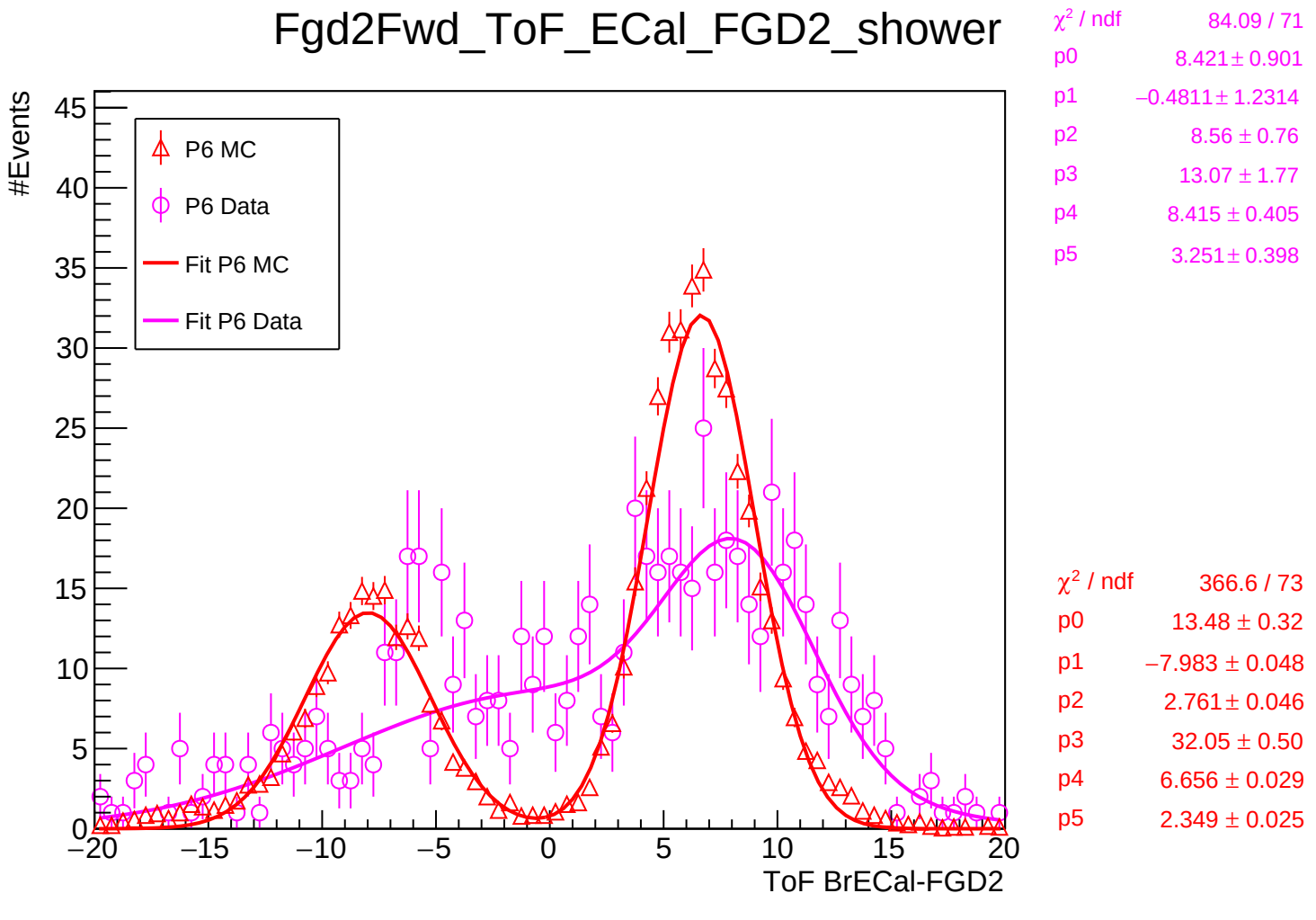

Fgd1HAFwd_ToF_ECal_FGD1_track
#Events
ToF BrECal-FGD1
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 103.1 / 70
p0 27.54 ± 2.23
p1 −4.164e−12 ± 1.227e−01
p2 6.507 ± 0.314
p3 69.03 ± 3.17
p4 6.771 ± 0.184
p5 3.535 ± 0.178
χ² / ndf 1620 / 72
p0 30.04 ± 0.58
p1 −3.266 ± 0.031
p2 2.028 ± 0.034
p3 189.4 ± 1.5
p4 4.894 ± 0.011
p5 1.7 ± 0.0

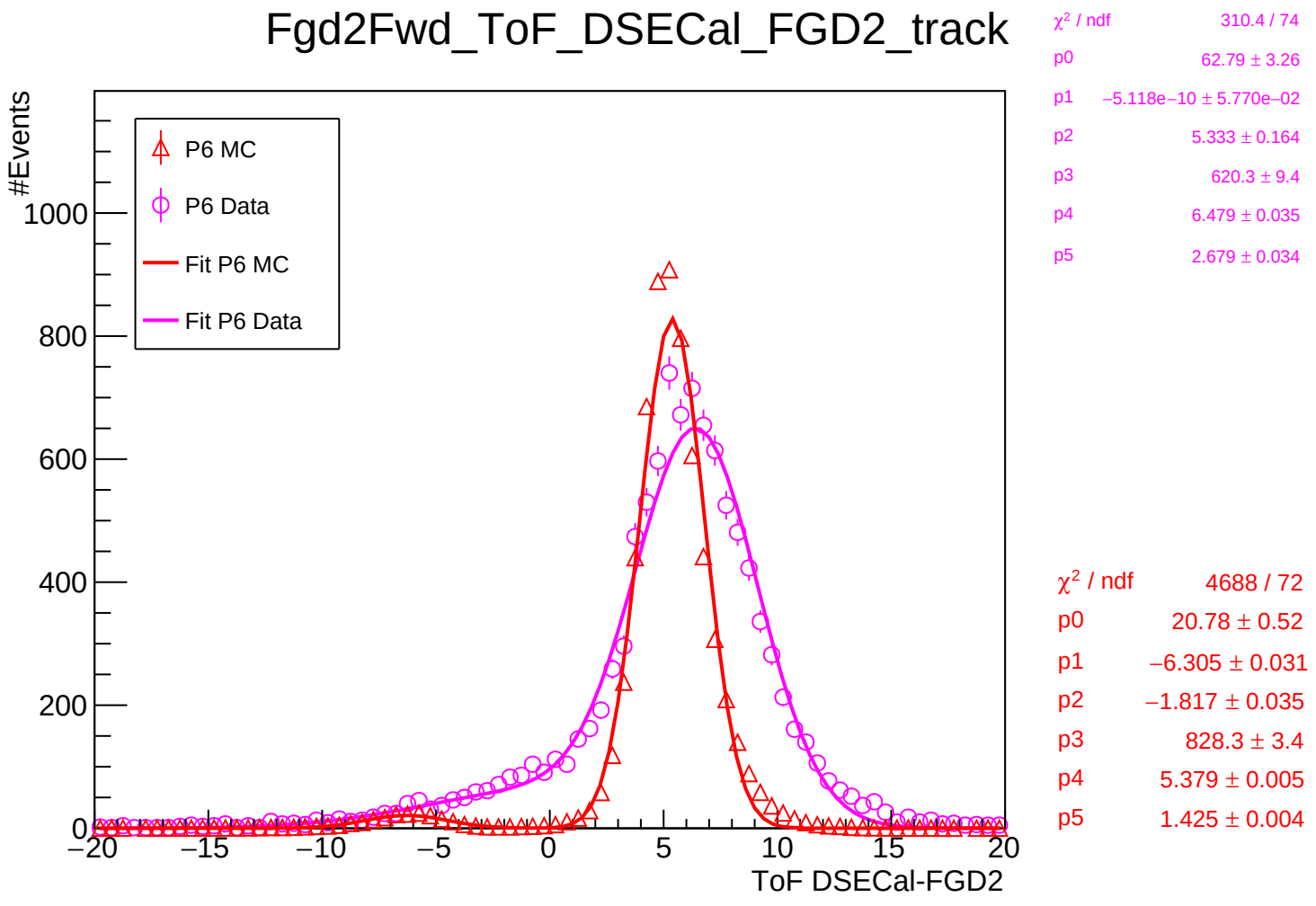

Fgd1HAFwd_ToF_ECal_FGD1_shower
χ² / ndf 54.45 / 59
p0 1.367 ± 0.626
p1 −10.53 ± 14.17
p2 27.5 ± 61.2
p3 14.96 ± 1.29
p4 2.671 ± 0.405
p5 5.076 ± 0.403
χ² / ndf 508.5 / 67
p0 18.52 ± 0.44
p1 −3.995 ± 0.038
p2 1.988 ± 0.037
p3 33.67 ± 0.64
p4 4.466 ± 0.026
p5 1.713 ± 0.025
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
#Events
ToF BrECal-FGD1

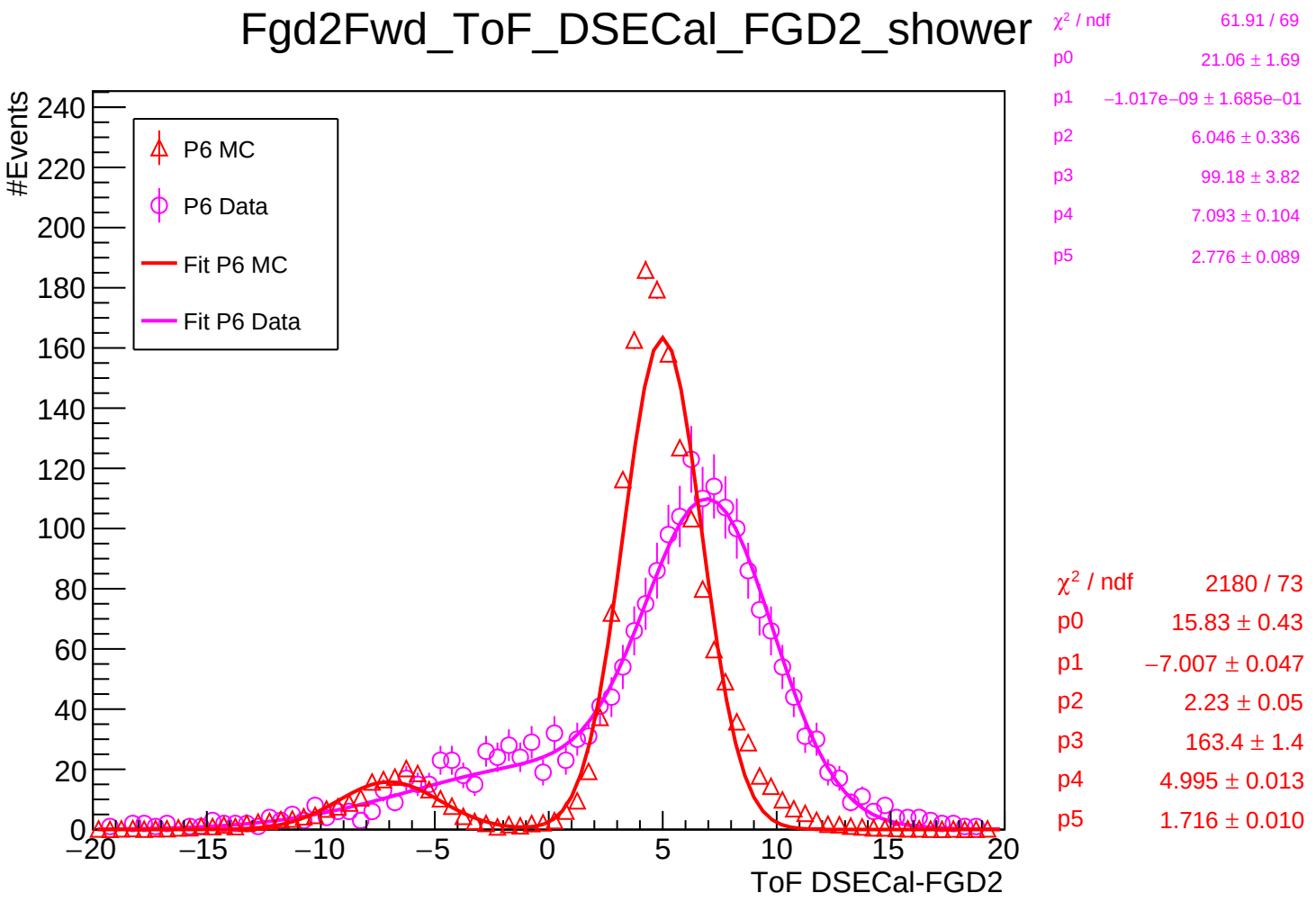

Fgd1HABwd_ToF_ECal_FGD1_track
#Events
ToF BrECal-FGD1
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 141 / 73
p0 55.84 ± 1.97
p1 −3.034 ± 0.148
p2 5.654 ± 0.148
p3 10.06 ± 1.86
p4 6.332 ± 0.034
p5 0.0876 ± 0.0509
χ² / ndf 1354 / 70
p0 169 ± 1.4
p1 −3.735 ± 0.011
p2 1.661 ± 0.010
p3 29.26 ± 0.61
p4 3.837 ± 0.028
p5 1.619 ± 0.028

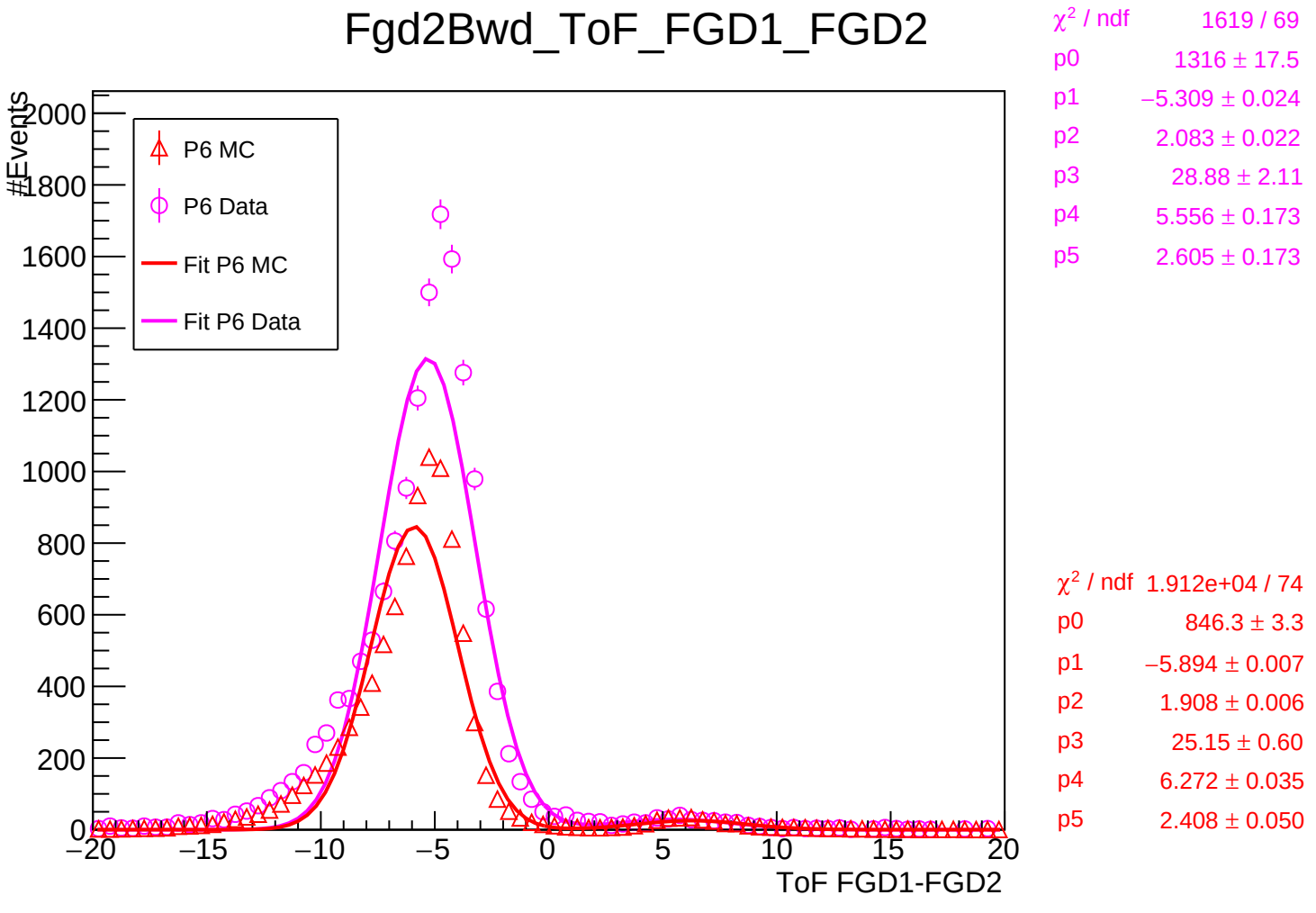

Fgd1HABwd_ToF_ECal_FGD1_shower
χ² / ndf 101 / 67
p0 26.1 ± 2.1
p1 −5.598e−09 ± 2.946e+00
p2 7.578 ± 0.360
p3 −12.78 ± 1.53
p4 6.155 ± 0.708
p5 4.783 ± 0.356
χ² / ndf 923.3 / 66
p0 62.33 ± 0.85
p1 −4.245 ± 0.020
p2 1.665 ± 0.017
p3 4.437 ± 0.189
p4 1.443e−12 ± 1.835e−02
p5 4.491 ± 0.079
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
#Events
ToF BrECal-FGD1

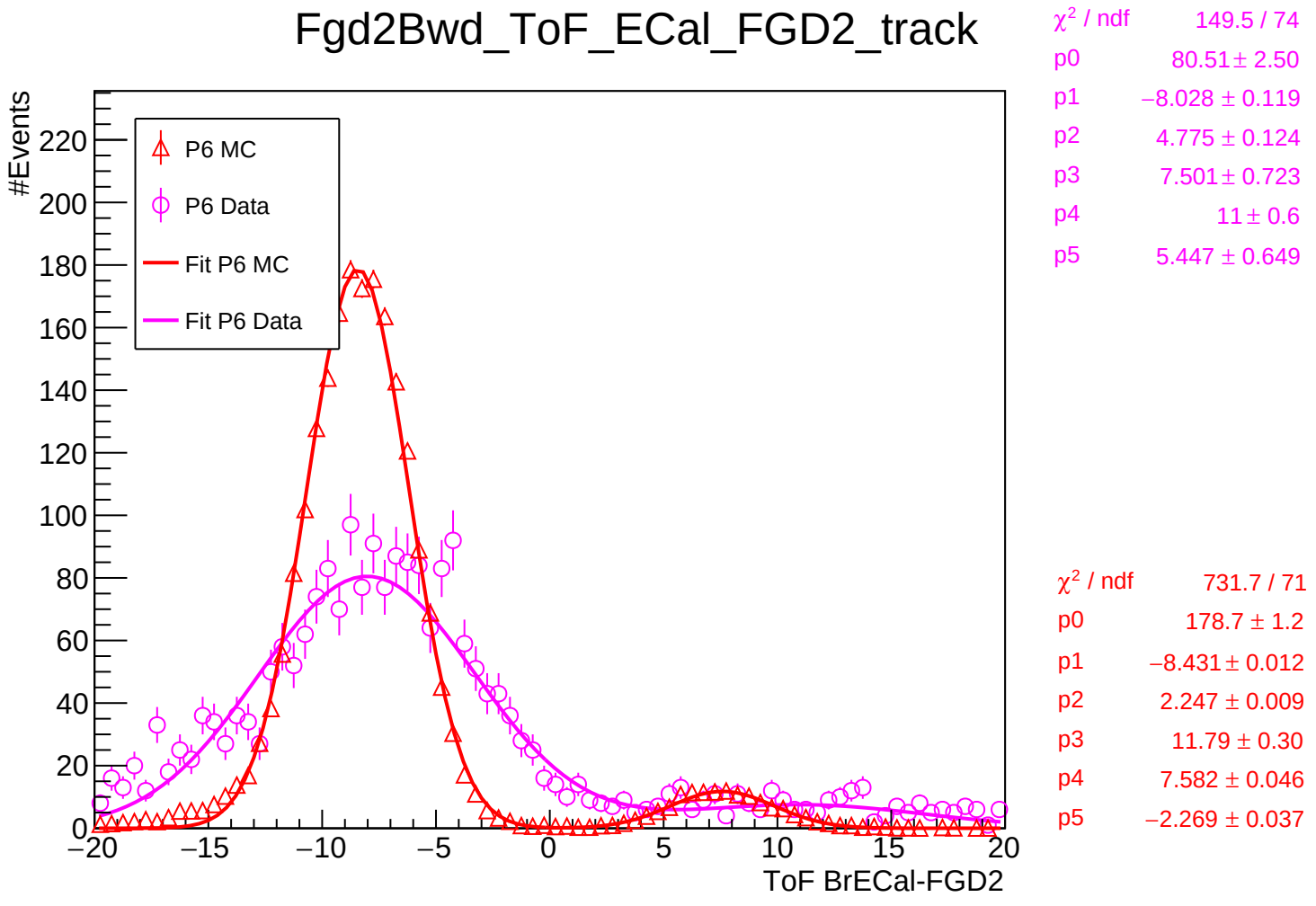

Fgd2Fwd_ToF_ECal_FGD2_track
#Events
ToF BrECal-FGD2
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 84.4 / 71
p0 14.21 ± 1.17
p1 −5.307e−08 ± 2.780e−01
p2 8.576 ± 0.468
p3 37.53 ± 2.04
p4 7.802 ± 0.218
p5 3.491 ± 0.180
χ² / ndf 643 / 73
p0 20.46 ± 0.40
p1 −7.848 ± 0.035
p2 2.377 ± 0.030
p3 96.82 ± 0.92
p4 7.154 ± 0.016
p5 2.05 ± 0.01

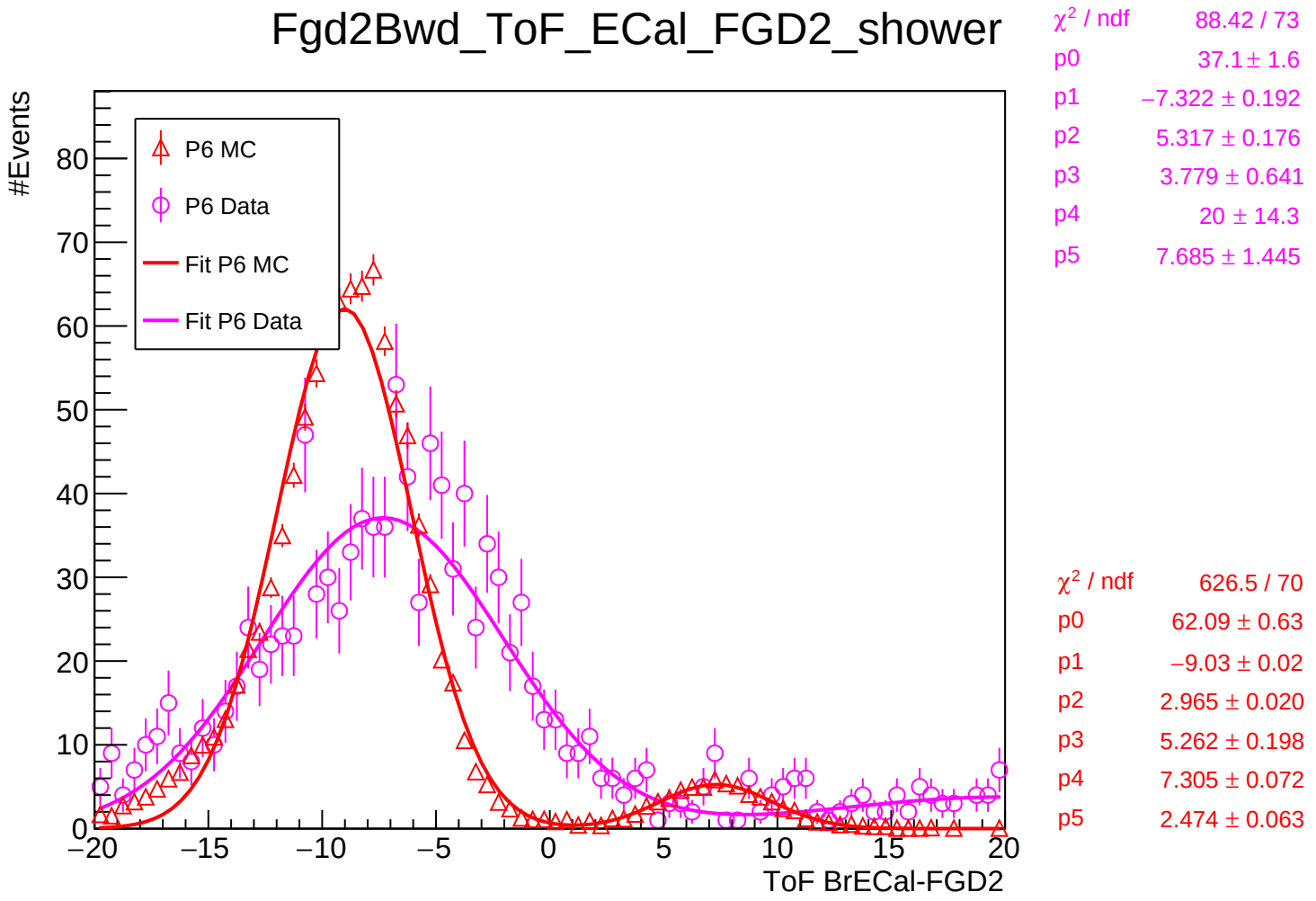

Fgd2Fwd_ToF_ECal_FGD2_shower
χ² / ndf 84.09 / 71
p0 8.421 ± 0.901
p1 −0.4811 ± 1.2314
p2 8.56 ± 0.76
p3 13.07 ± 1.77
p4 8.415 ± 0.405
p5 3.251 ± 0.398
χ² / ndf 366.6 / 73
p0 13.48 ± 0.32
p1 −7.983 ± 0.048
p2 2.761 ± 0.046
p3 32.05 ± 0.50
p4 6.656 ± 0.029
p5 2.349 ± 0.025
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
#Events
ToF BrECal-FGD2

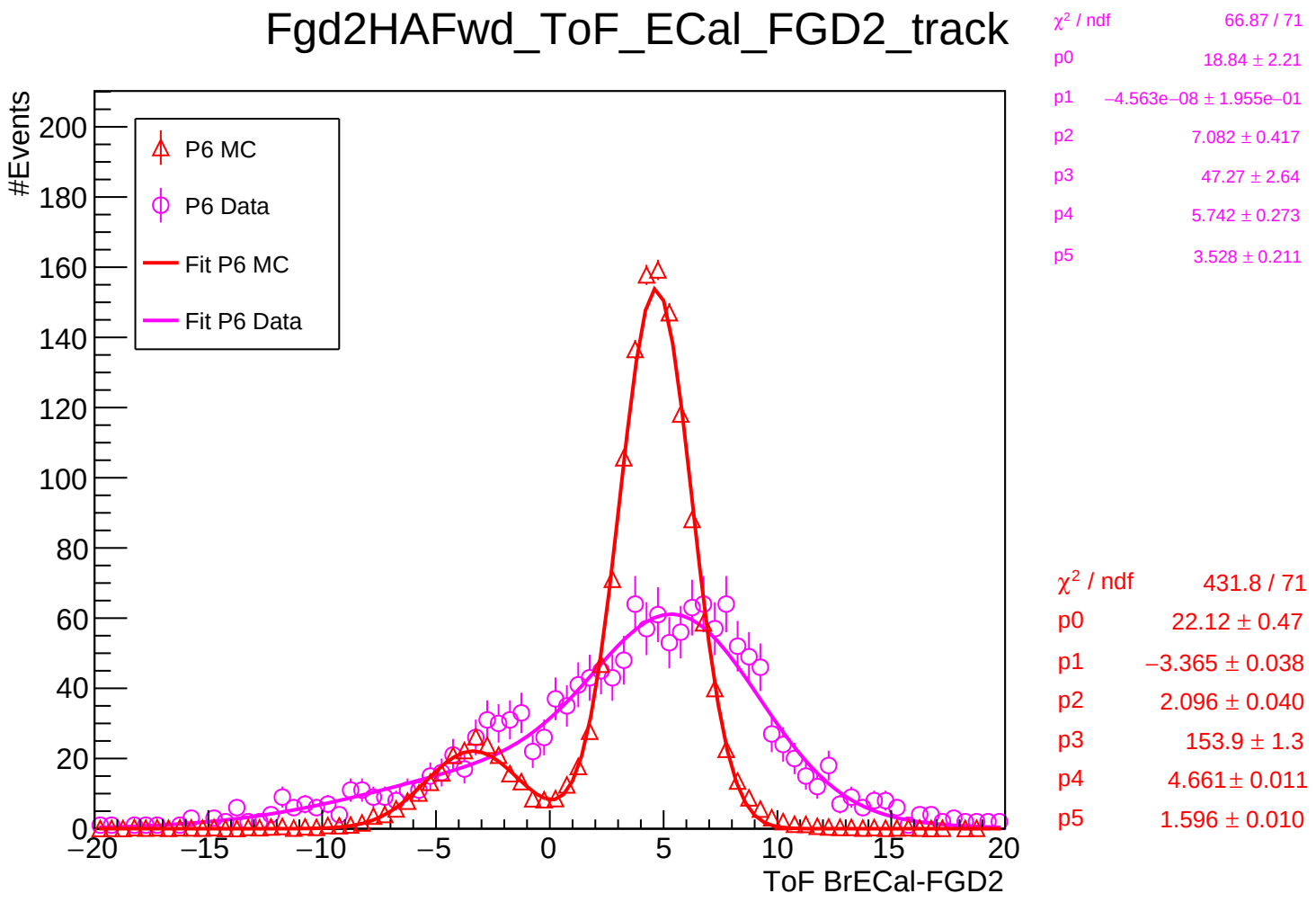

Fgd2Fwd_ToF_DSECal_FGD2_track
#Events
ToF DSECal-FGD2
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 310.4 / 74
p0 62.79 ± 3.26
p1 −5.118e−10 ± 5.770e−02
p2 5.333 ± 0.164
p3 620.3 ± 9.4
p4 6.479 ± 0.035
p5 2.679 ± 0.034
χ² / ndf 4688 / 72
p0 20.78 ± 0.52
p1 −6.305 ± 0.031
p2 −1.817 ± 0.035
p3 828.3 ± 3.4
p4 5.379 ± 0.005
p5 1.425 ± 0.004

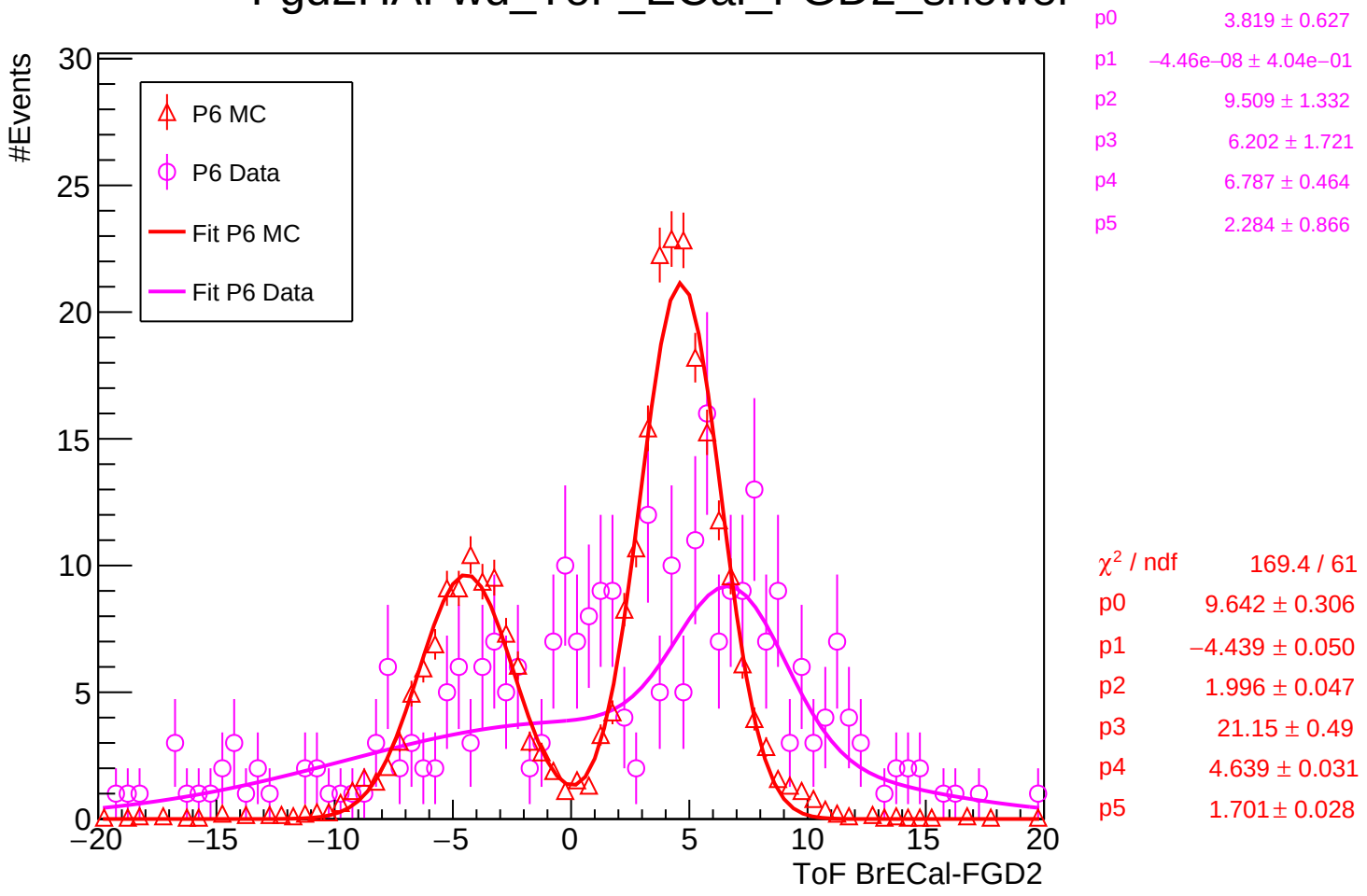

Fgd2Fwd_ToF_DSECal_FGD2_shower
χ² / ndf 61.91 / 69
p0 21.06 ± 1.69
p1 −1.017e−09 ± 1.685e−01
p2 6.046 ± 0.336
p3 99.18 ± 3.82
p4 7.093 ± 0.104
p5 2.776 ± 0.089
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
#Events
ToF DSECal-FGD2
χ² / ndf 2180 / 73
p0 15.83 ± 0.43
p1 −7.007 ± 0.047
p2 2.23 ± 0.05
p3 163.4 ± 1.4
p4 4.995 ± 0.013
p5 1.716 ± 0.010

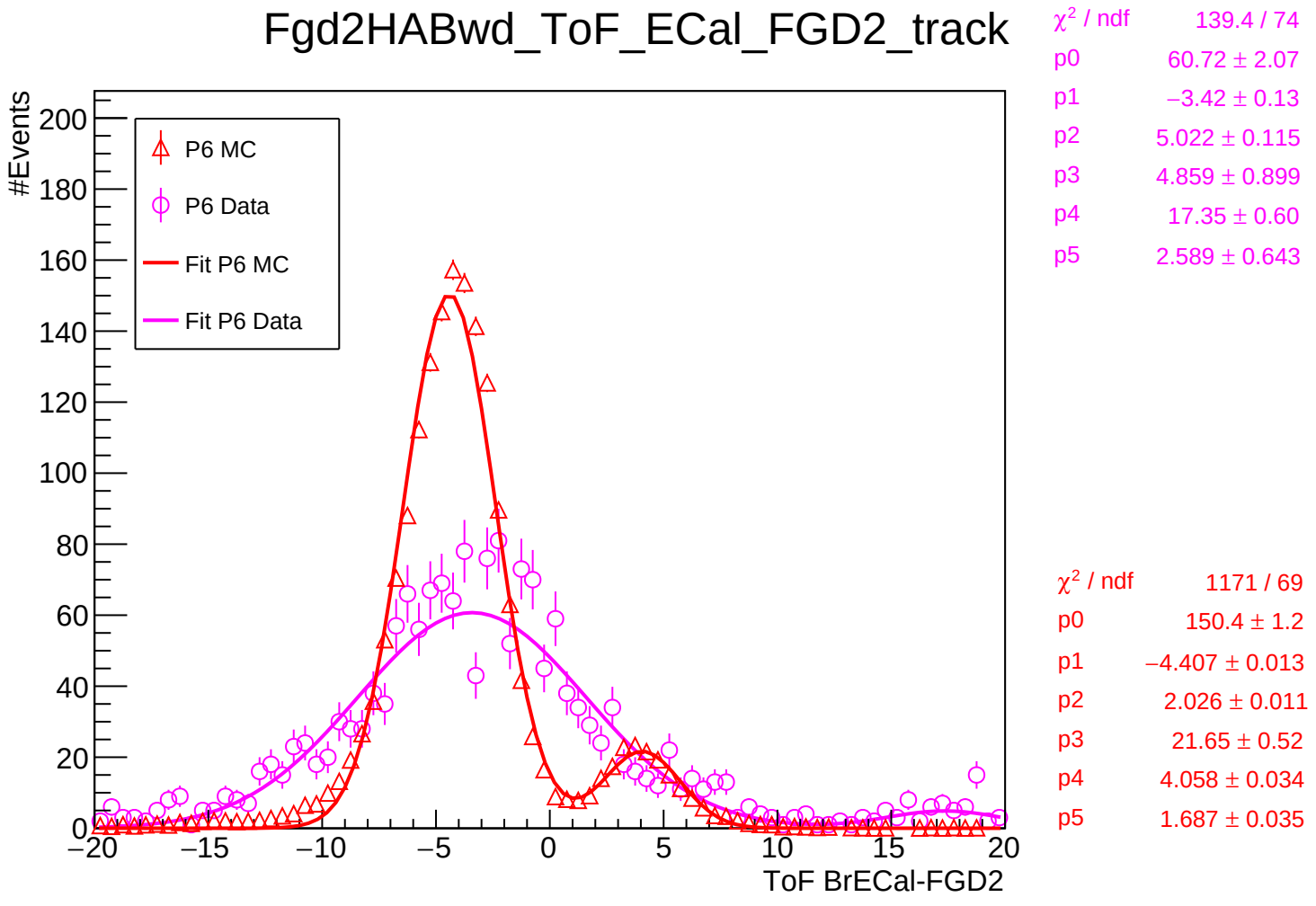

Fgd2Bwd_ToF_FGD1_FGD2
#Events
ToF FGD1-FGD2
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 1619 / 69
p0 1316 ± 17.5
p1 −5.309 ± 0.024
p2 2.083 ± 0.022
p3 28.88 ± 2.11
p4 5.556 ± 0.173
p5 2.605 ± 0.173
χ² / ndf 1.912e+04 / 74
p0 846.3 ± 3.3
p1 −5.894 ± 0.007
p2 1.908 ± 0.006
p3 25.15 ± 0.60
p4 6.272 ± 0.035
p5 2.408 ± 0.050

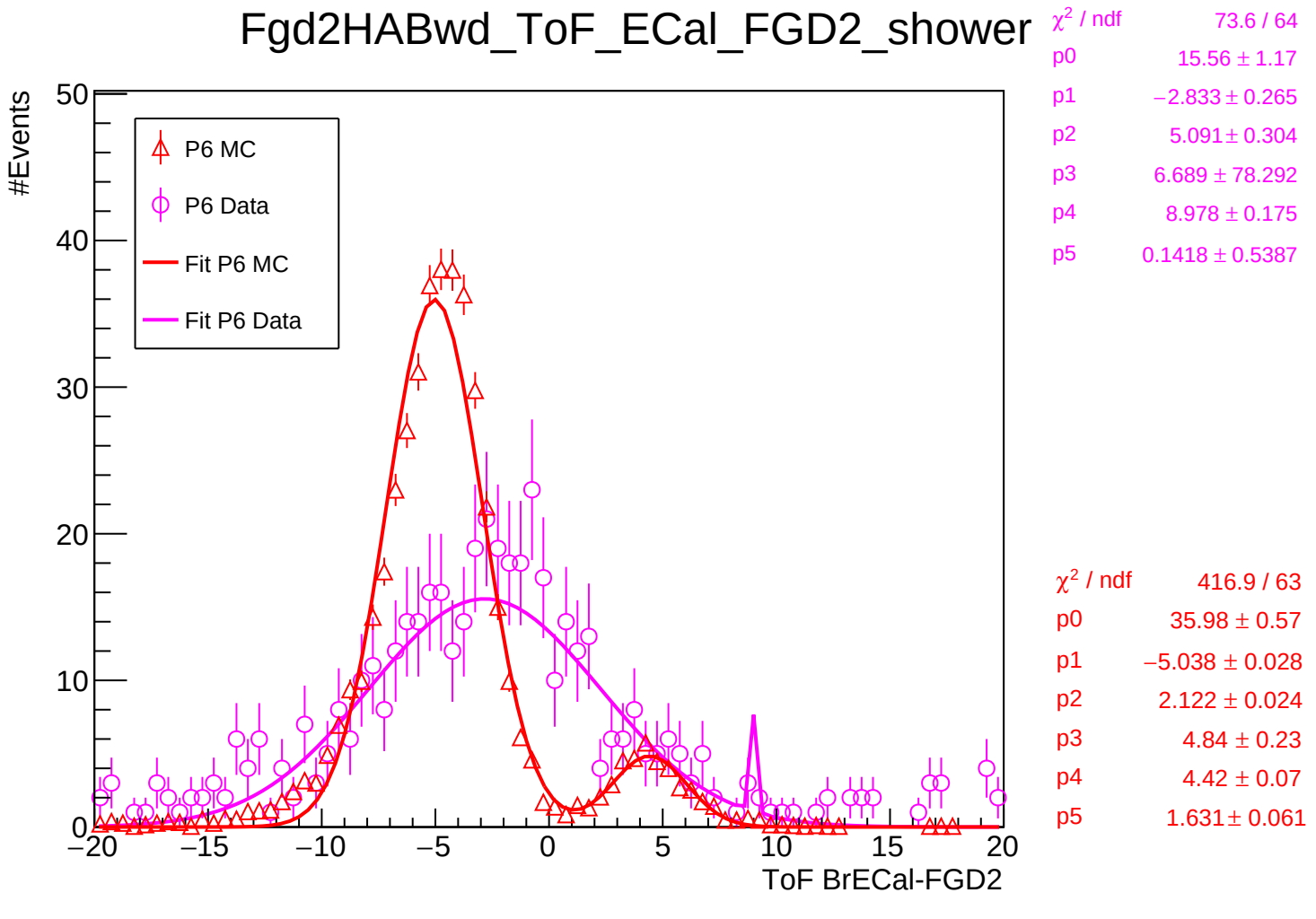

Fgd2Bwd_ToF_ECal_FGD2_track
#Events
ToF BrECal-FGD2
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 149.5 / 74
p0 80.51 ± 2.50
p1 −8.028 ± 0.119
p2 4.775 ± 0.124
p3 7.501 ± 0.723
p4 11 ± 0.6
p5 5.447 ± 0.649
χ² / ndf 731.7 / 71
p0 178.7 ± 1.2
p1 −8.431 ± 0.012
p2 2.247 ± 0.009
p3 11.79 ± 0.30
p4 7.582 ± 0.046
p5 −2.269 ± 0.037


Fgd2Bwd_ToF_ECal_FGD2_shower
#Events
ToF BrECal-FGD2
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 88.42 / 73
p0 37.1 ± 1.6
p1 −7.322 ± 0.192
p2 5.317 ± 0.176
p3 3.779 ± 0.641
p4 20 ± 14.3
p5 7.685 ± 1.445
χ² / ndf 626.5 / 70
p0 62.09 ± 0.63
p1 −9.03 ± 0.02
p2 2.965 ± 0.020
p3 5.262 ± 0.198
p4 7.305 ± 0.072
p5 2.474 ± 0.063


Fgd2HAFwd_ToF_ECal_FGD2_track
#Events
ToF BrECal-FGD2
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
χ² / ndf 66.87 / 71
p0 18.84 ± 2.21
p1 −4.563e−08 ± 1.955e−01
p2 7.082 ± 0.417
p3 47.27 ± 2.64
p4 5.742 ± 0.273
p5 3.528 ± 0.211
χ² / ndf 431.8 / 71
p0 22.12 ± 0.47
p1 −3.365 ± 0.038
p2 2.096 ± 0.040
p3 153.9 ± 1.3
p4 4.661 ± 0.011
p5 1.596 ± 0.010


Fgd2HAFwd_ToF_ECal_FGD2_shower
χ² / ndf 61.61 / 62
p0 3.819 ± 0.627
p1 −4.46e−08 ± 4.04e−01
p2 9.509 ± 1.332
p3 6.202 ± 1.721
p4 6.787 ± 0.464
p5 2.284 ± 0.866
χ² / ndf 169.4 / 61
p0 9.642 ± 0.306
p1 −4.439 ± 0.050
p2 1.996 ± 0.047
p3 21.15 ± 0.49
p4 4.639 ± 0.031
p5 1.701 ± 0.028
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
#Events
ToF BrECal-FGD2


Fgd2HABwd_ToF_ECal_FGD2_track
χ² / ndf 139.4 / 74
p0 60.72 ± 2.07
p1 −3.42 ± 0.13
p2 5.022 ± 0.115
p3 4.859 ± 0.899
p4 17.35 ± 0.60
p5 2.589 ± 0.643
χ² / ndf 1171 / 69
p0 150.4 ± 1.2
p1 −4.407 ± 0.013
p2 2.026 ± 0.011
p3 21.65 ± 0.52
p4 4.058 ± 0.034
p5 1.687 ± 0.035
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
#Events
ToF BrECal-FGD2


Fgd2HABwd_ToF_ECal_FGD2_shower
χ² / ndf 73.6 / 64
p0 15.56 ± 1.17
p1 −2.833 ± 0.265
p2 5.091 ± 0.304
p3 6.689 ± 78.292
p4 8.978 ± 0.175
p5 0.1418 ± 0.5387
χ² / ndf 416.9 / 63
p0 35.98 ± 0.57
p1 −5.038 ± 0.028
p2 2.122 ± 0.024
p3 4.84 ± 0.23
p4 4.42 ± 0.07
p5 1.631 ± 0.061
P6 MC
P6 Data
Fit P6 MC
Fit P6 Data
#Events
ToF BrECal-FGD2
0
10
20
30
40
50
−20
−15
−10
−5
0
5
10
15
20