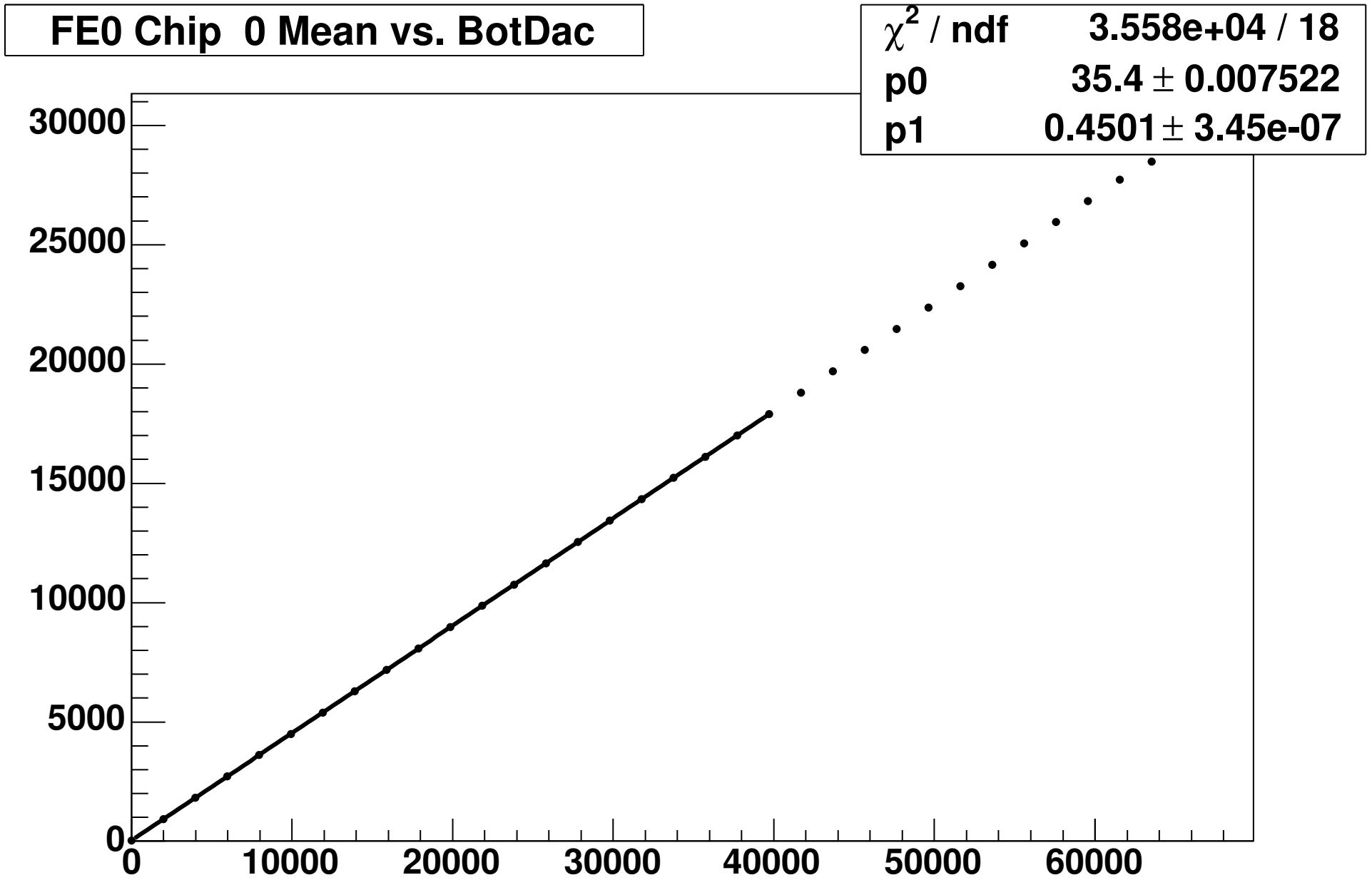
FE0 Chip 0 Mean vs. BotDac
χ² / ndf 3.558e+04 / 18
p0 35.4 ± 0.007522
p1 0.4501 ± 3.45e-07
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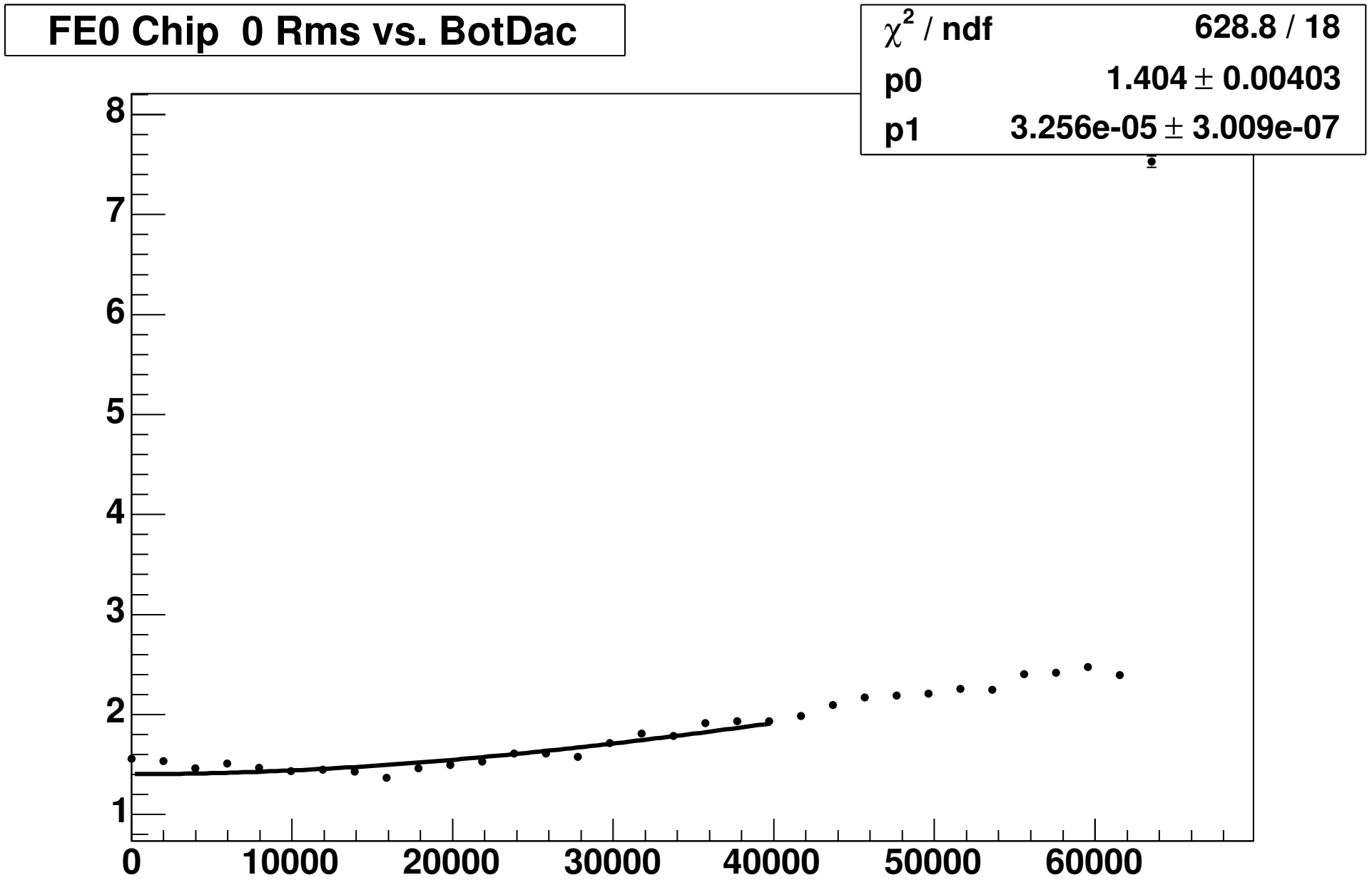
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 0 Rms vs. BotDac
χ² / ndf 628.8 / 18
p0 1.404 ± 0.00403
p1 3.256e-05 ± 3.009e-07
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7
6
5
4
3
2
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0
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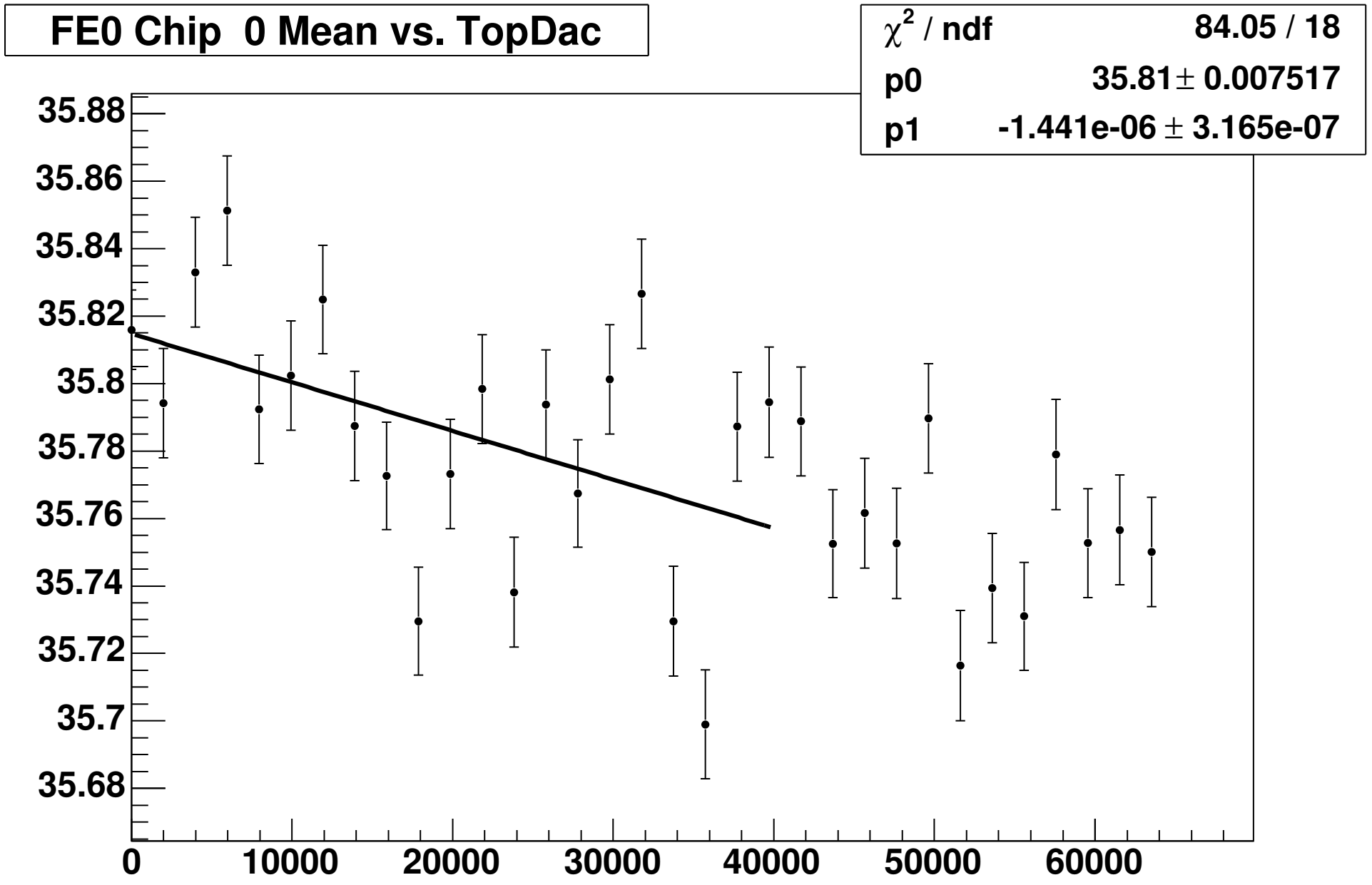
50000
60000


FE0 Chip 0 Mean vs. TopDac
χ² / ndf 84.05 / 18
p0 35.81 ± 0.007517
p1 -1.441e-06 ± 3.165e-07
35.88
35.86
35.84
35.82
35.8
35.78
35.76
35.74
35.72
35.7
35.68
0
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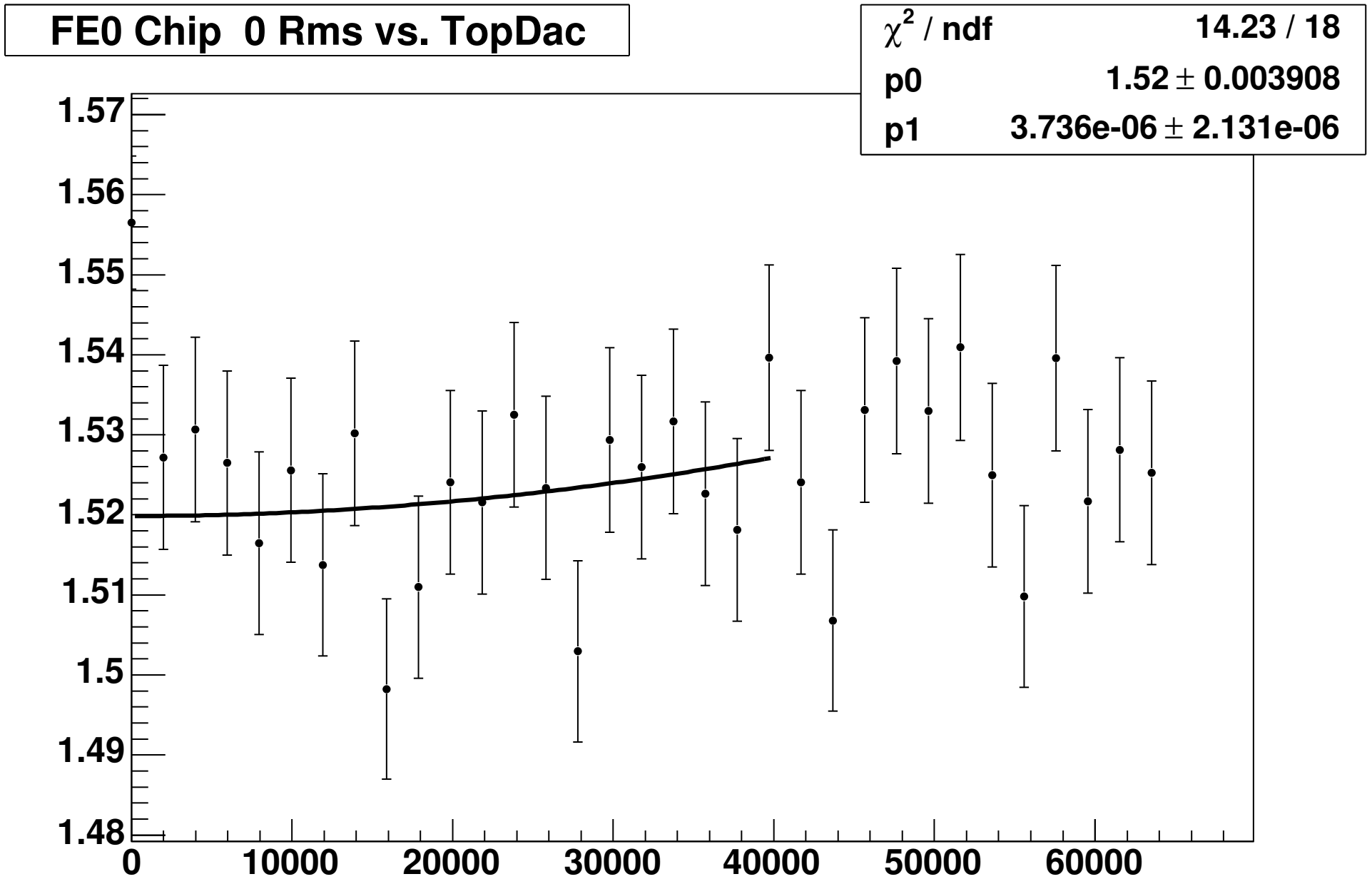
FE0 Chip 0 Rms vs. TopDac
χ² / ndf 14.23 / 18
p0 1.52 ± 0.003908
p1 3.736e-06 ± 2.131e-06
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
0
10000
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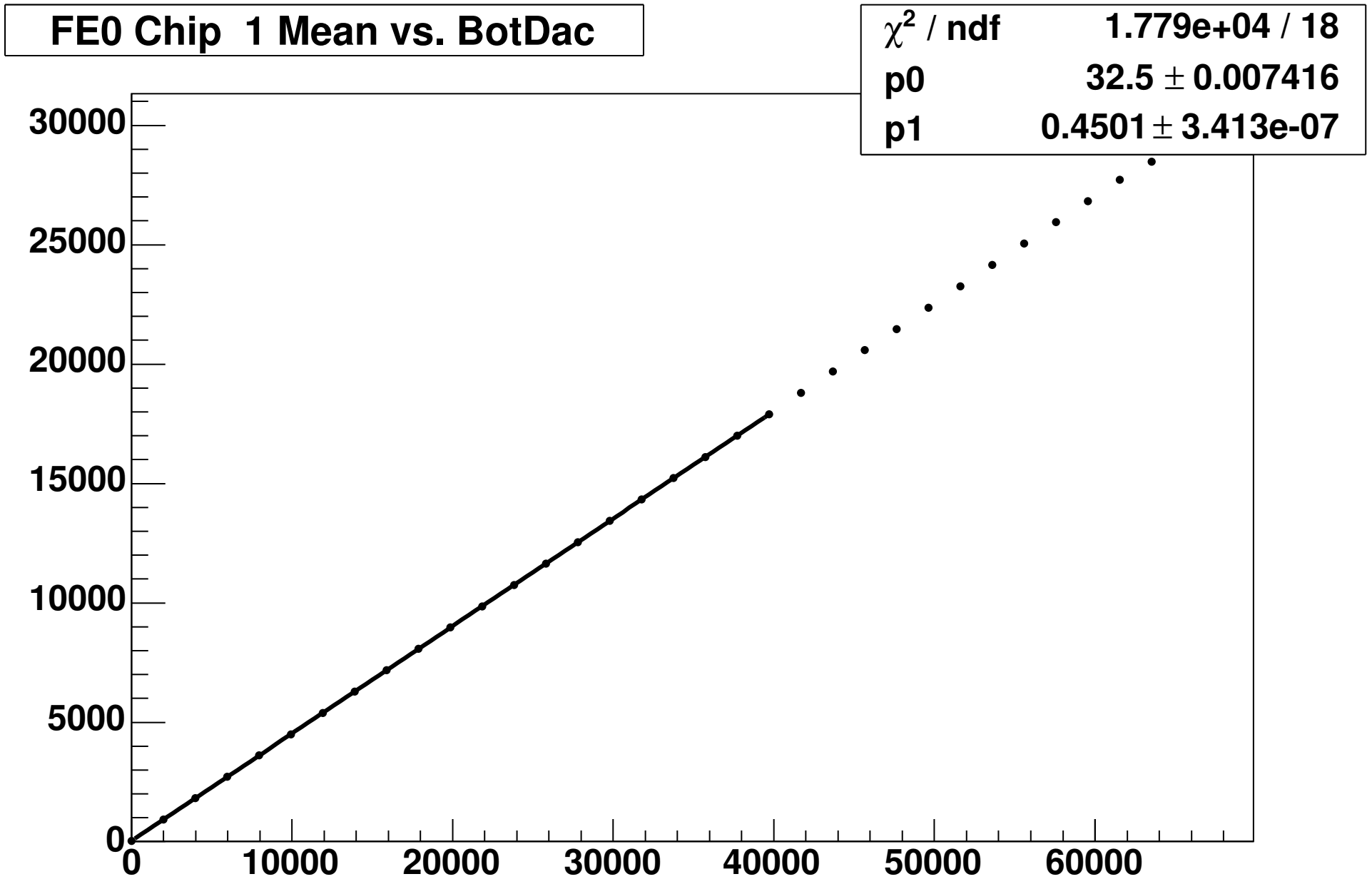
FE0 Chip 1 Mean vs. BotDac
χ² / ndf 1.779e+04 / 18
p0 32.5 ± 0.007416
p1 0.4501 ± 3.413e-07
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10000
5000
0
0
10000
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40000
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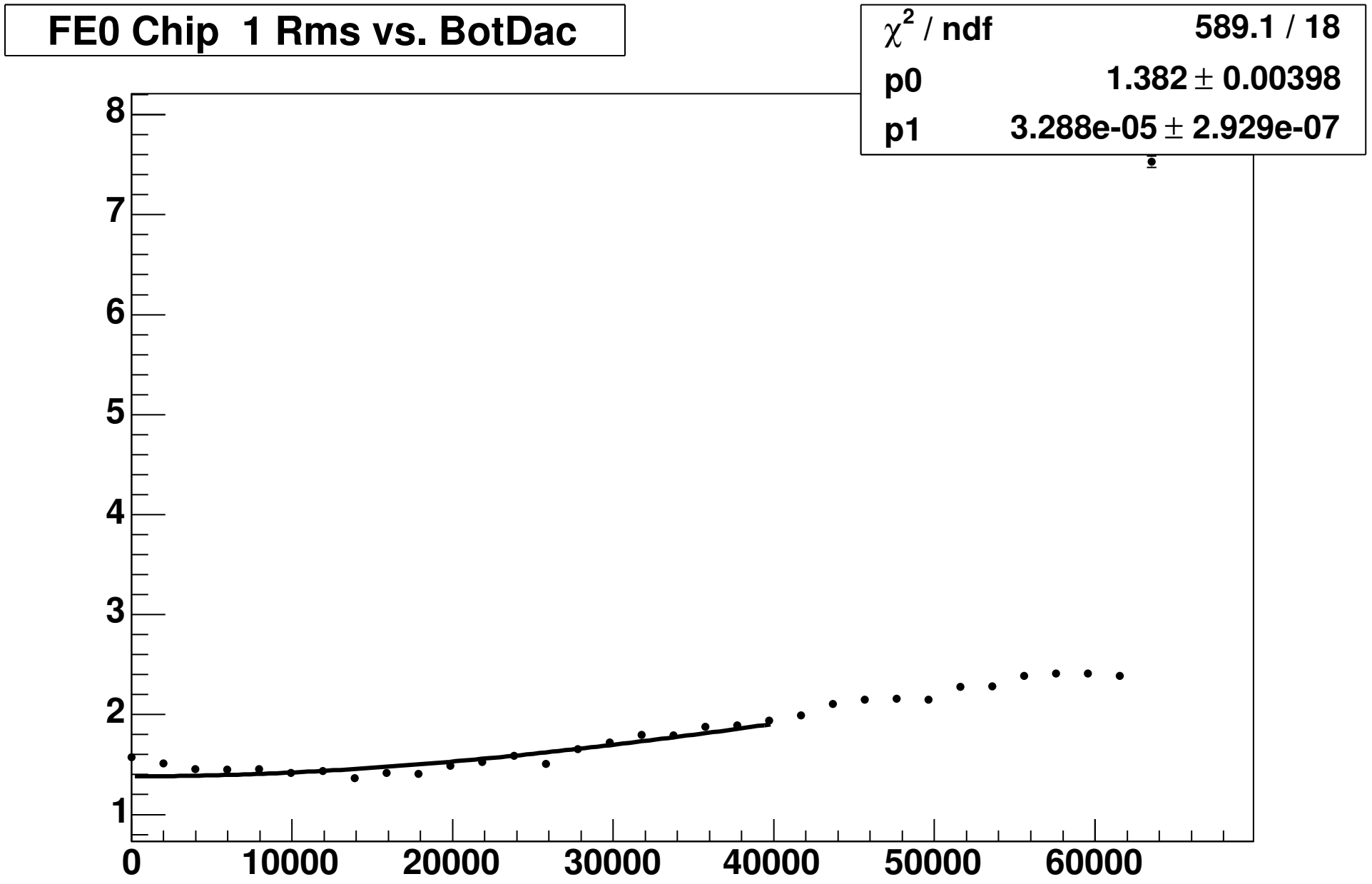
FE0 Chip 1 Rms vs. BotDac
χ² / ndf 589.1 / 18
p0 1.382 ± 0.00398
p1 3.288e-05 ± 2.929e-07
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6
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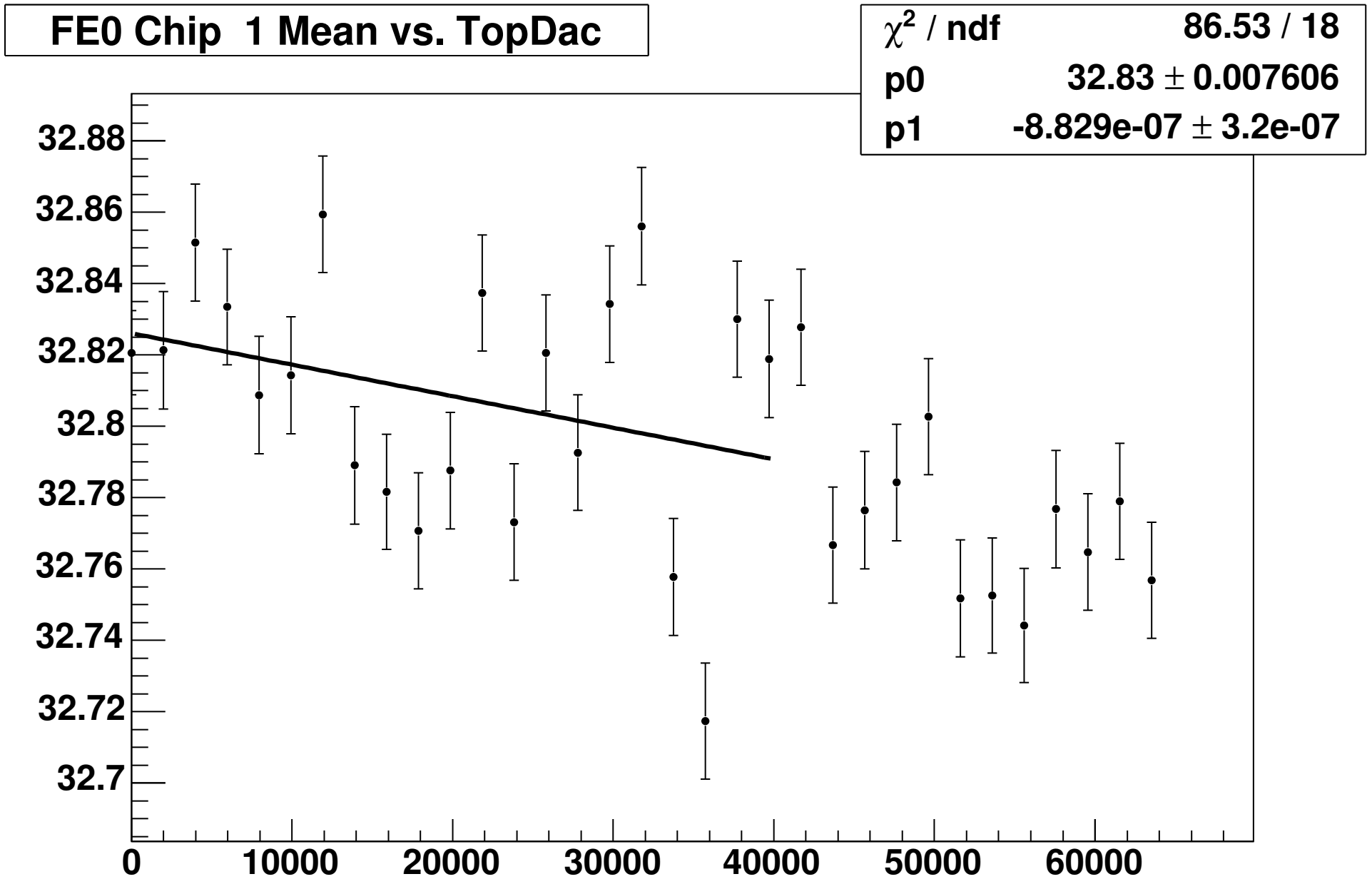
FE0 Chip 1 Mean vs. TopDac
χ² / ndf 86.53 / 18
p0 32.83 ± 0.007606
p1 -8.829e-07 ± 3.2e-07
32.88
32.86
32.84
32.82
32.8
32.78
32.76
32.74
32.72
32.7
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10000
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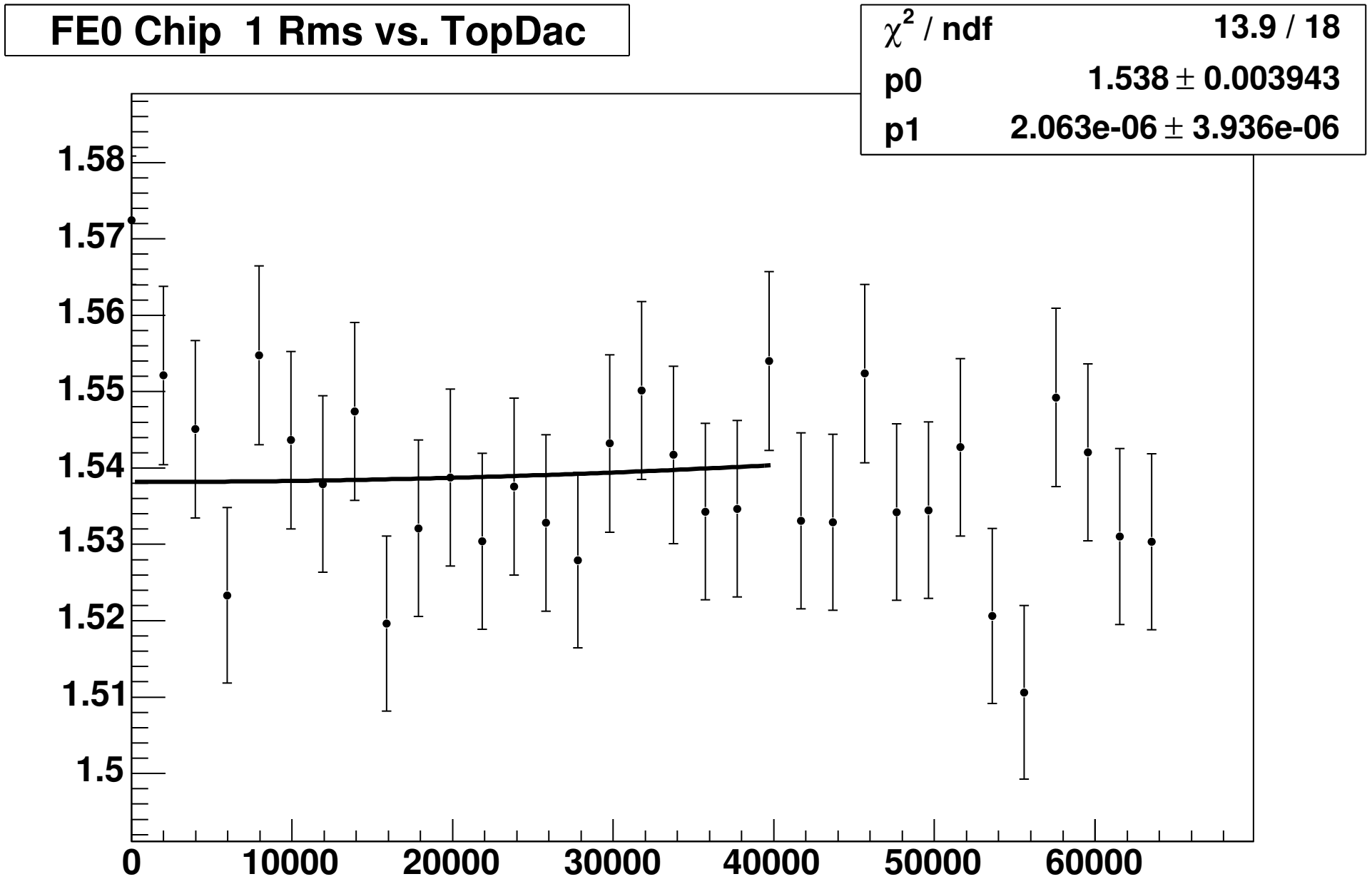
FE0 Chip 1 Rms vs. TopDac
χ² / ndf 13.9 / 18
p0 1.538 ± 0.003943
p1 2.063e-06 ± 3.936e-06
1.58
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
0
10000
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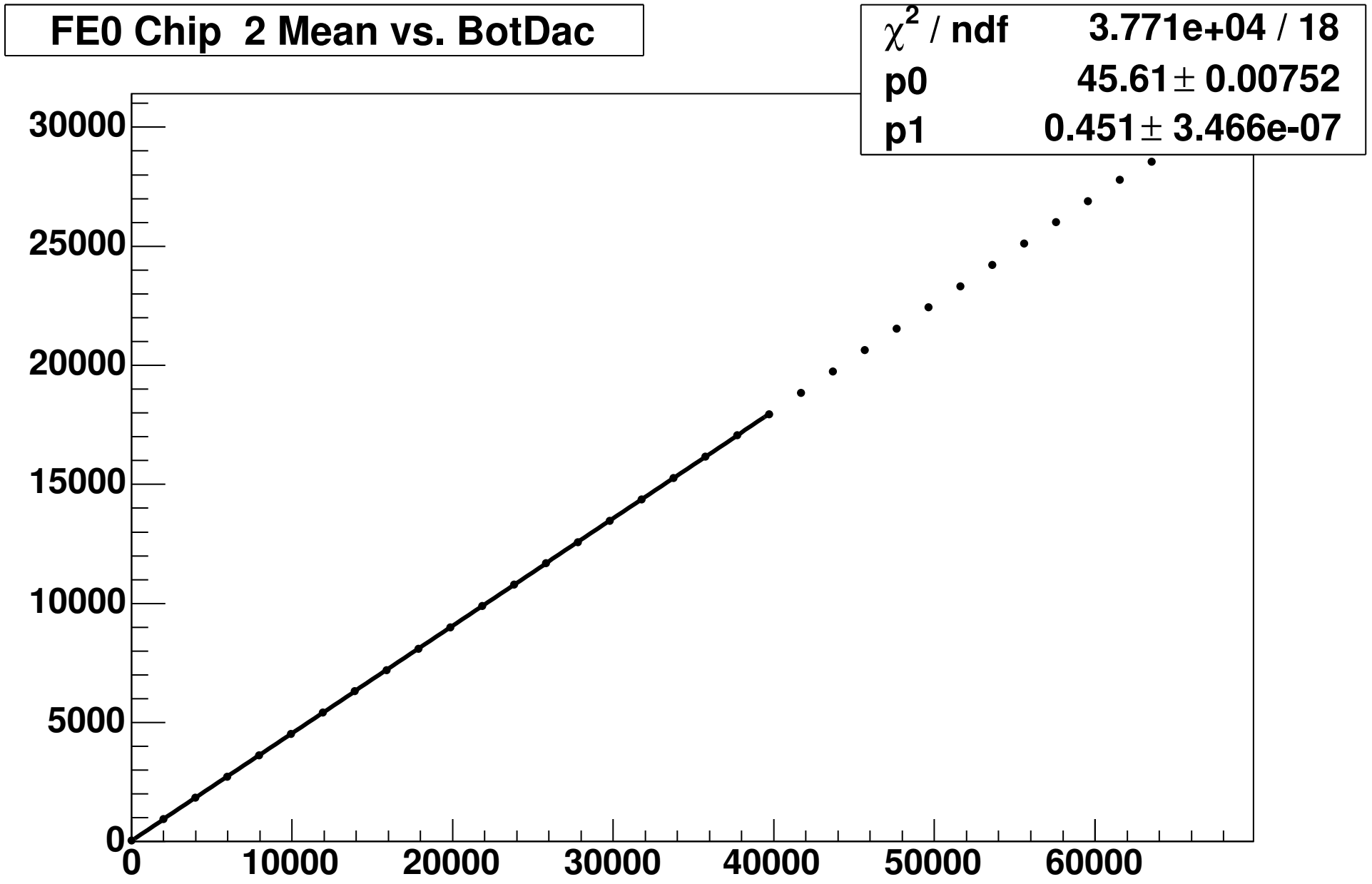
40000
50000
60000


FE0 Chip 2 Mean vs. BotDac
χ² / ndf 3.771e+04 / 18
p0 45.61 ± 0.00752
p1 0.451 ± 3.466e-07
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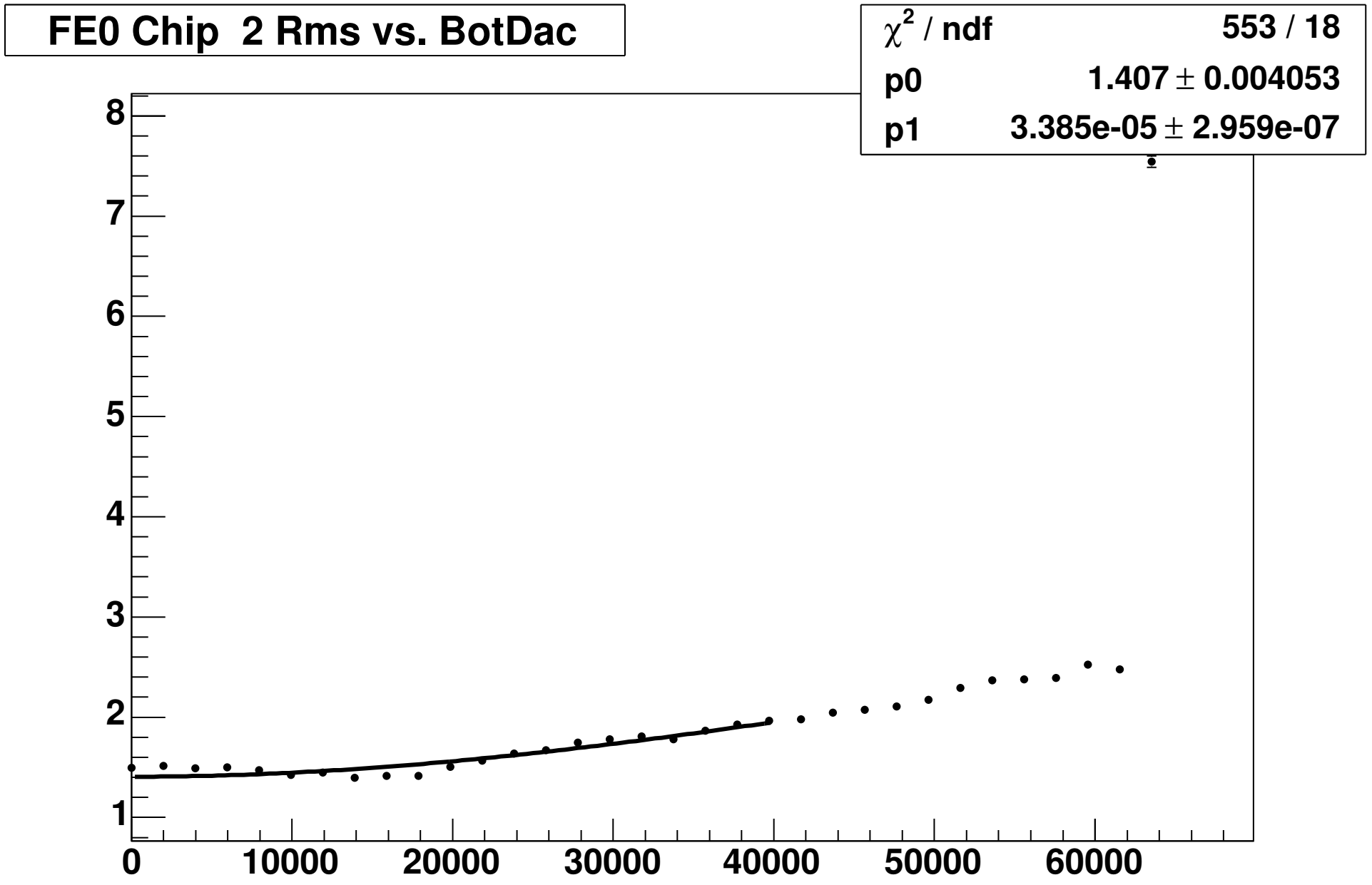
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 2 Rms vs. BotDac
χ² / ndf 553 / 18
p0 1.407 ± 0.004053
p1 3.385e-05 ± 2.959e-07
8
7
6
5
4
3
2
1
0
10000
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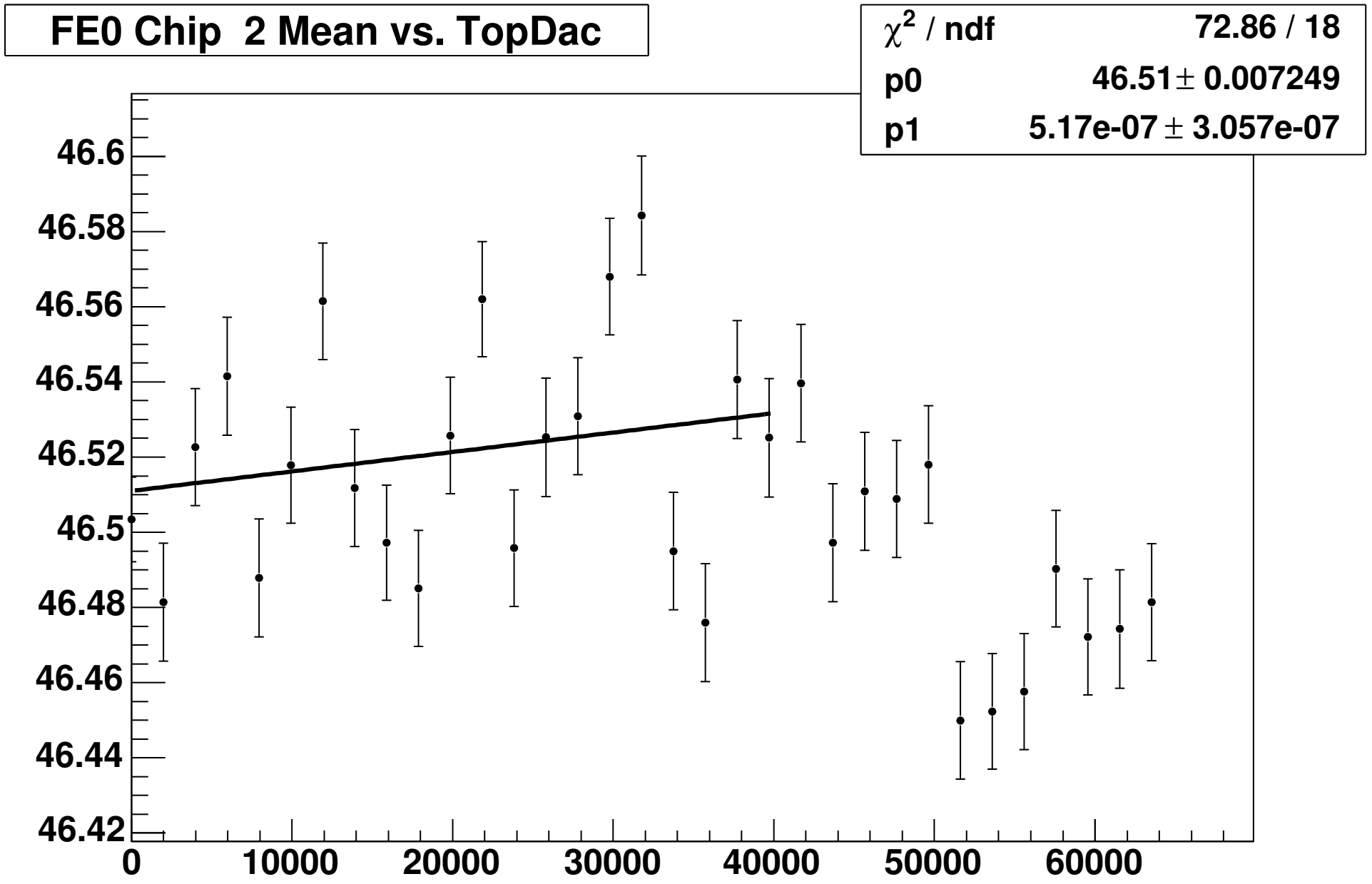
40000
50000
60000


FE0 Chip 2 Mean vs. TopDac
χ² / ndf 72.86 / 18
p0 46.51 ± 0.007249
p1 5.17e-07 ± 3.057e-07
46.6
46.58
46.56
46.54
46.52
46.5
46.48
46.46
46.44
46.42
0
10000
20000
30000
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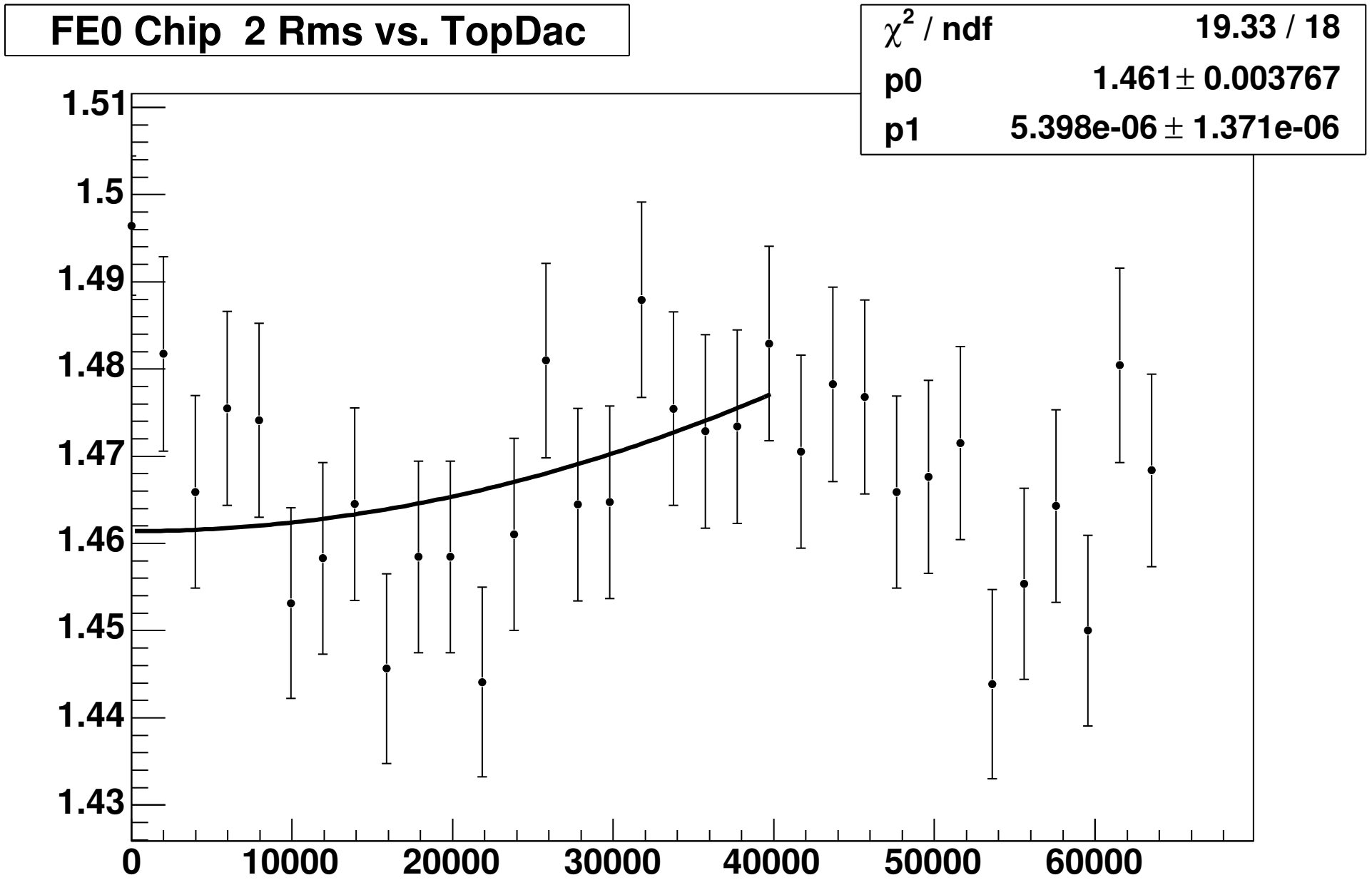
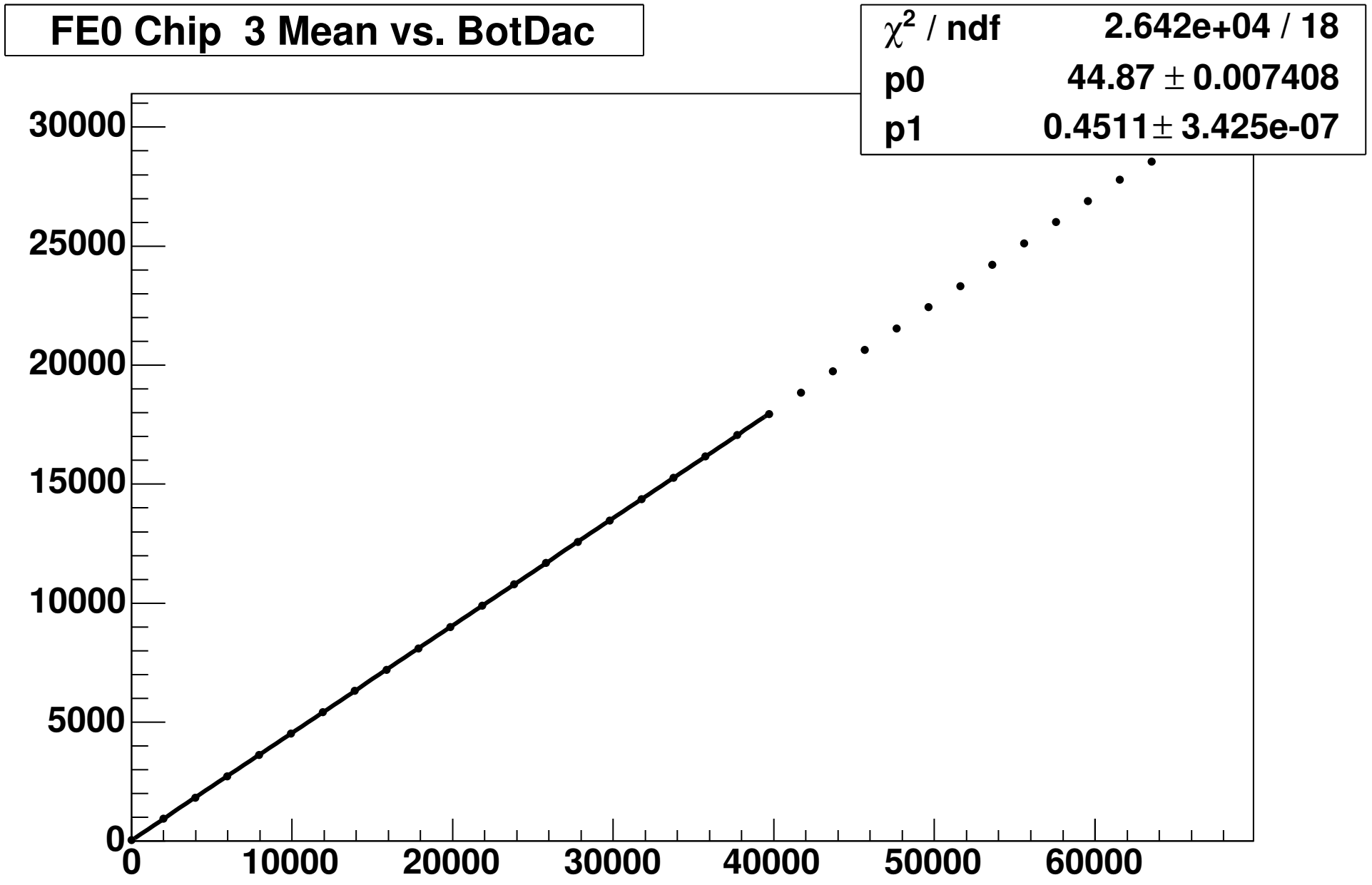

FE0 Chip 2 Rms vs. TopDac
χ² / ndf 19.33 / 18
p0 1.461 ± 0.003767
p1 5.398e-06 ± 1.371e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
10000
20000
30000
40000
50000
60000


FE0 Chip 3 Mean vs. BotDac
χ² / ndf 2.642e+04 / 18
p0 44.87 ± 0.007408
p1 0.4511 ± 3.425e-07
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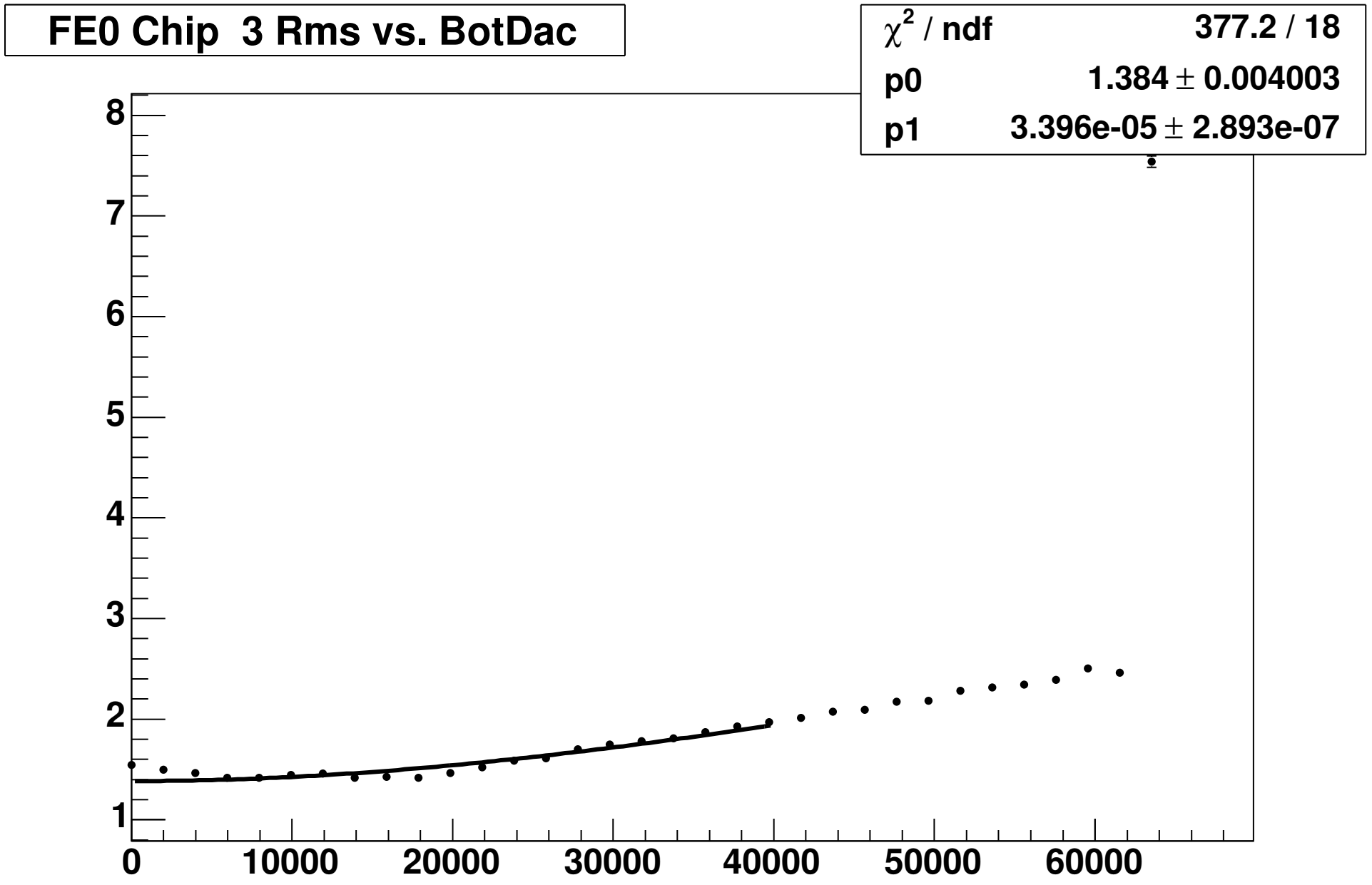
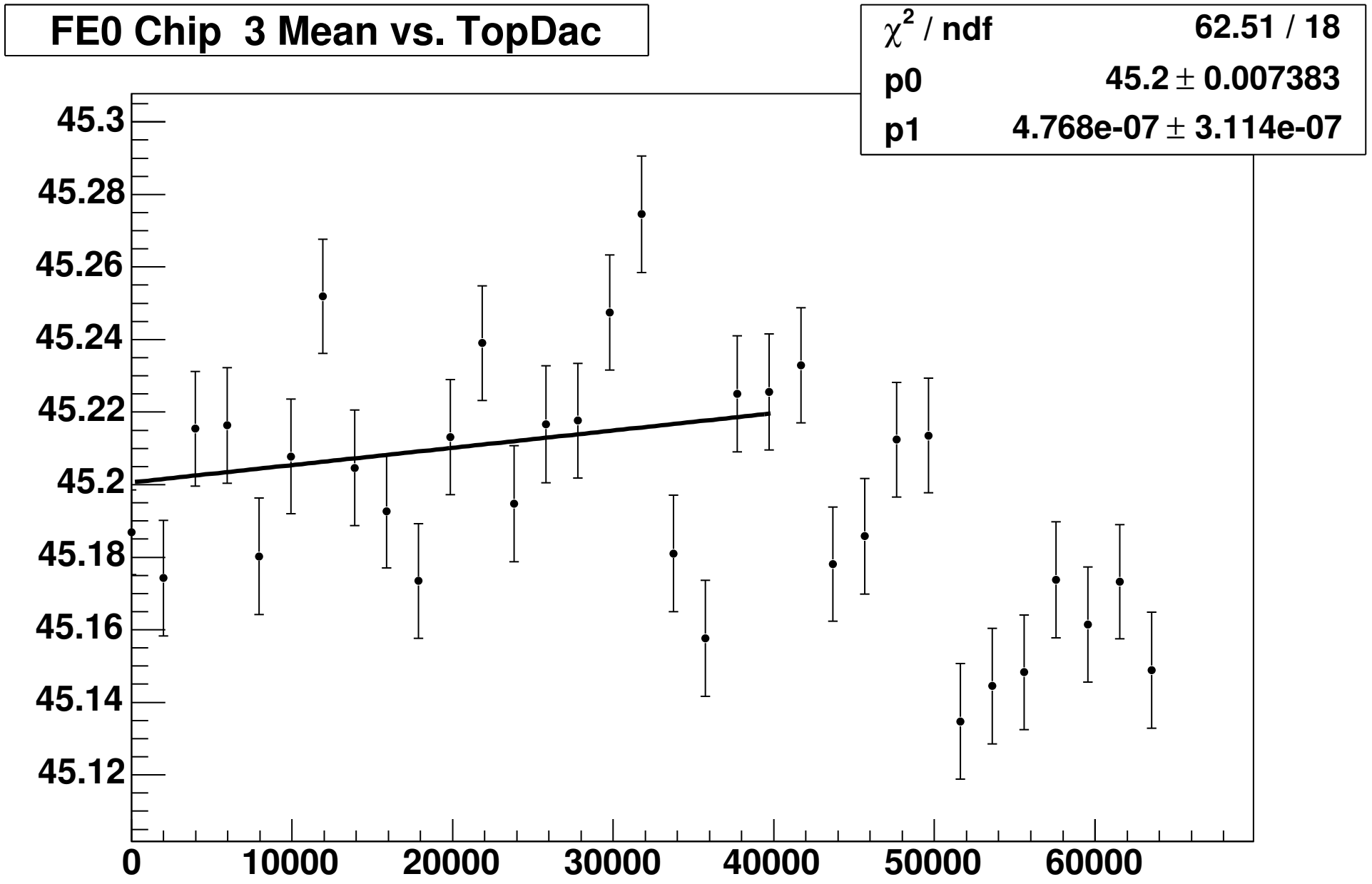
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 3 Rms vs. BotDac
χ² / ndf 377.2 / 18
p0 1.384 ± 0.004003
p1 3.396e-05 ± 2.893e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE0 Chip 3 Mean vs. TopDac
χ² / ndf 62.51 / 18
p0 45.2 ± 0.007383
p1 4.768e-07 ± 3.114e-07
45.3
45.28
45.26
45.24
45.22
45.2
45.18
45.16
45.14
45.12
0
10000
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30000
40000
50000
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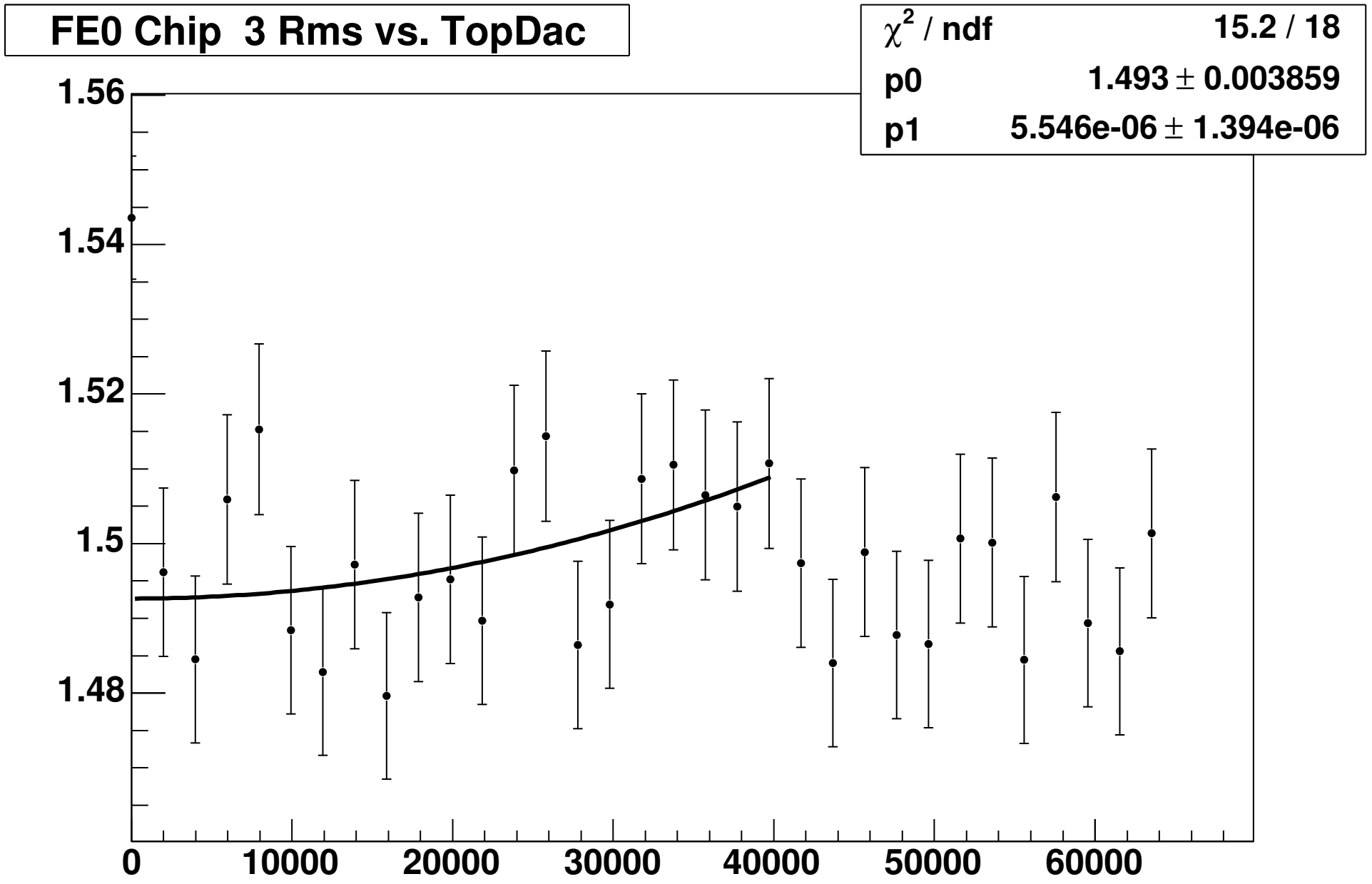
FE0 Chip 3 Rms vs. TopDac
χ² / ndf 15.2 / 18
p0 1.493 ± 0.003859
p1 5.546e-06 ± 1.394e-06
1.56
1.54
1.52
1.5
1.48
0
10000
20000
30000
40000
50000
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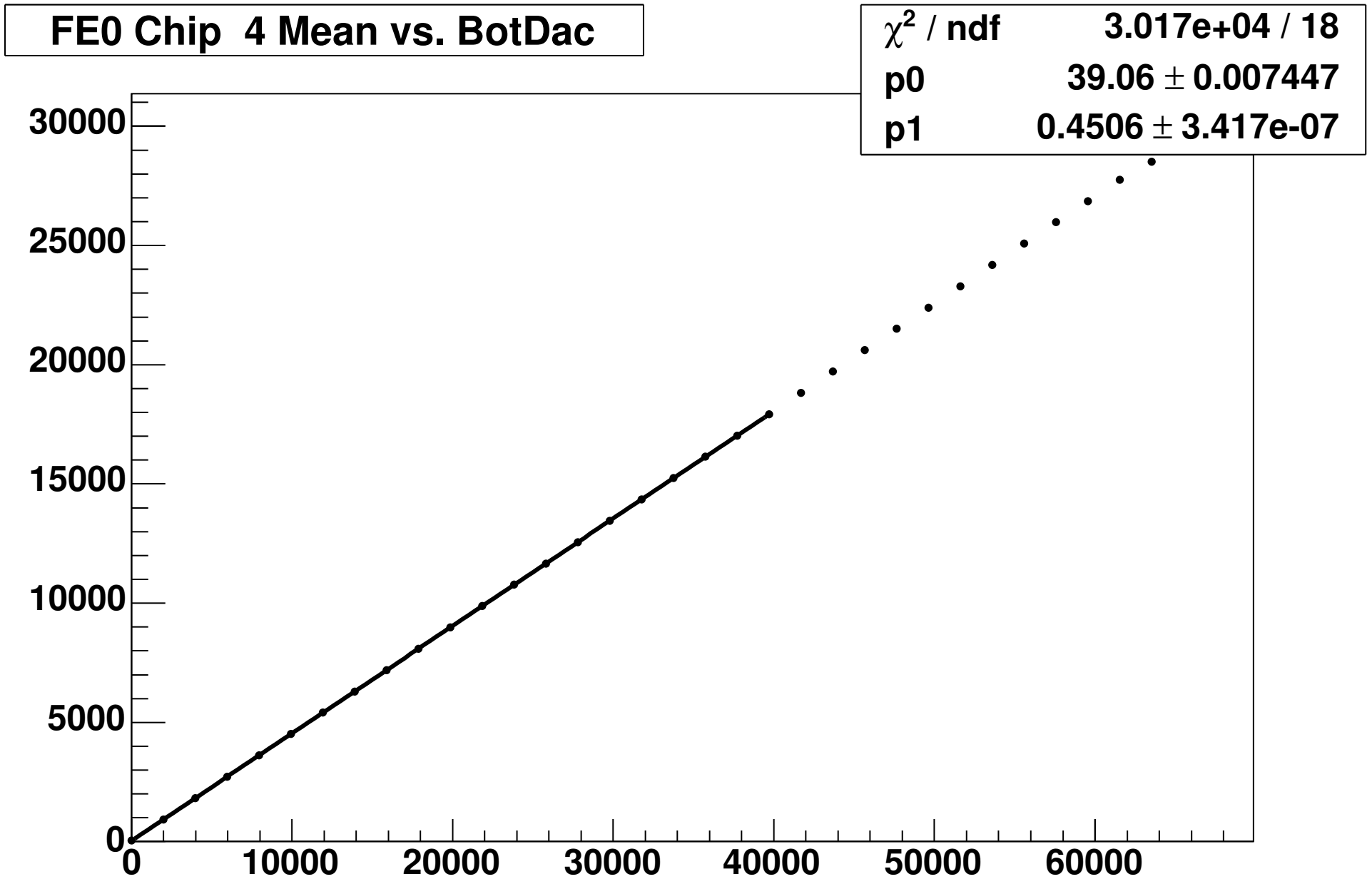
FE0 Chip 4 Mean vs. BotDac
χ² / ndf 3.017e+04 / 18
p0 39.06 ± 0.007447
p1 0.4506 ± 3.417e-07
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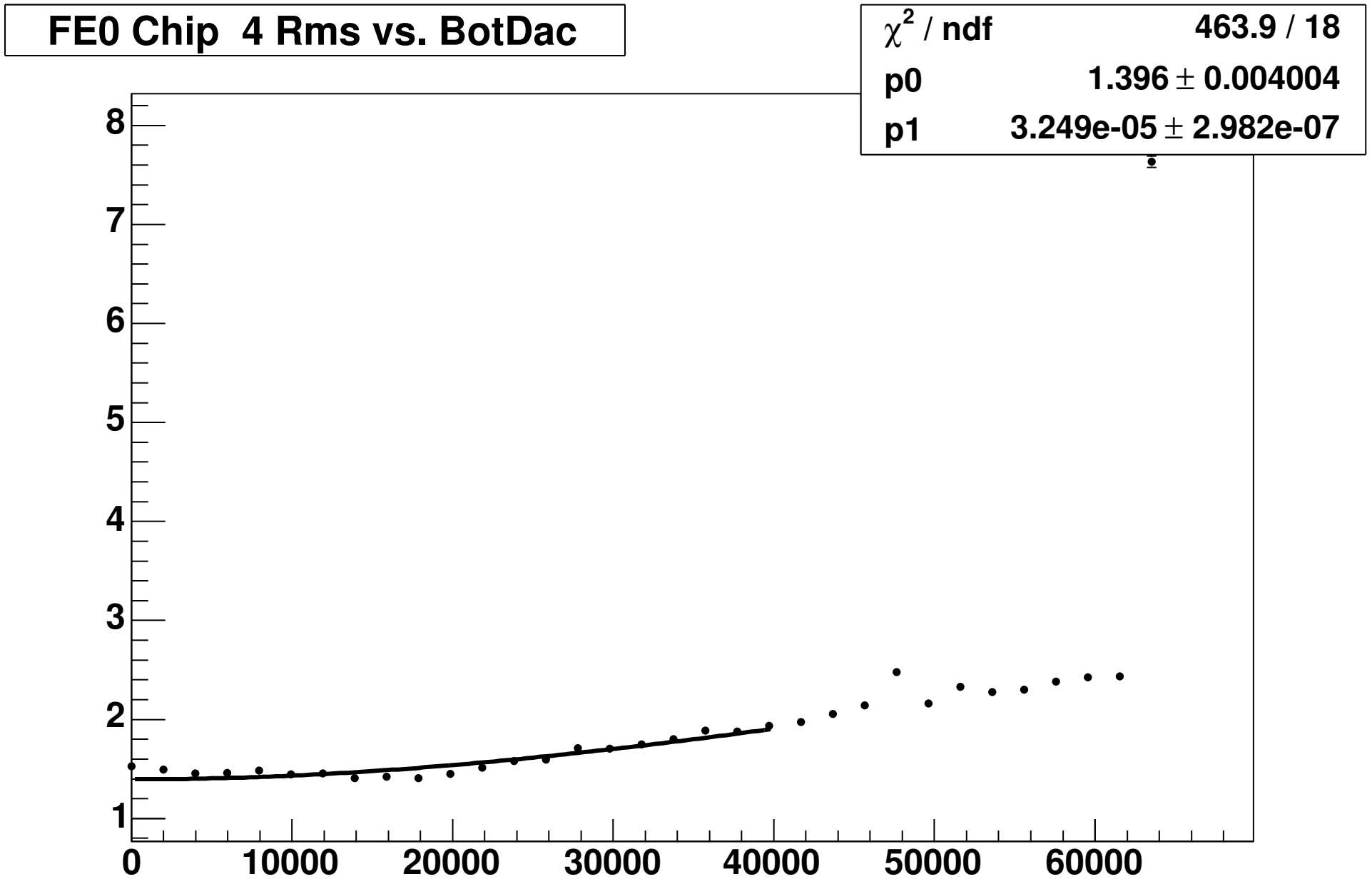
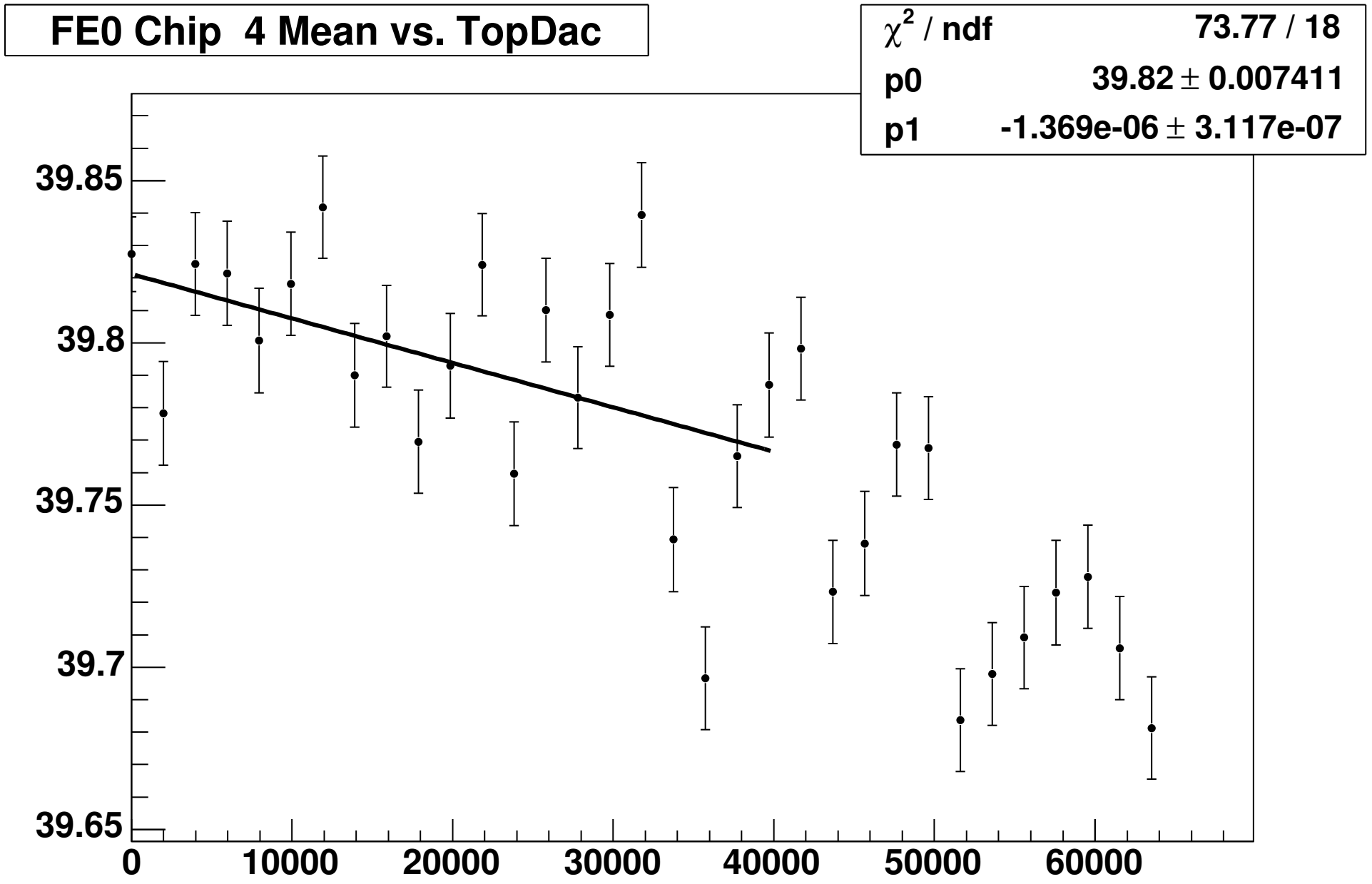
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 4 Rms vs. BotDac
χ² / ndf 463.9 / 18
p0 1.396 ± 0.004004
p1 3.249e-05 ± 2.982e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE0 Chip 4 Mean vs. TopDac
χ² / ndf 73.77 / 18
p0 39.82 ± 0.007411
p1 -1.369e-06 ± 3.117e-07
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39.8
39.75
39.7
39.65
0
10000
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40000
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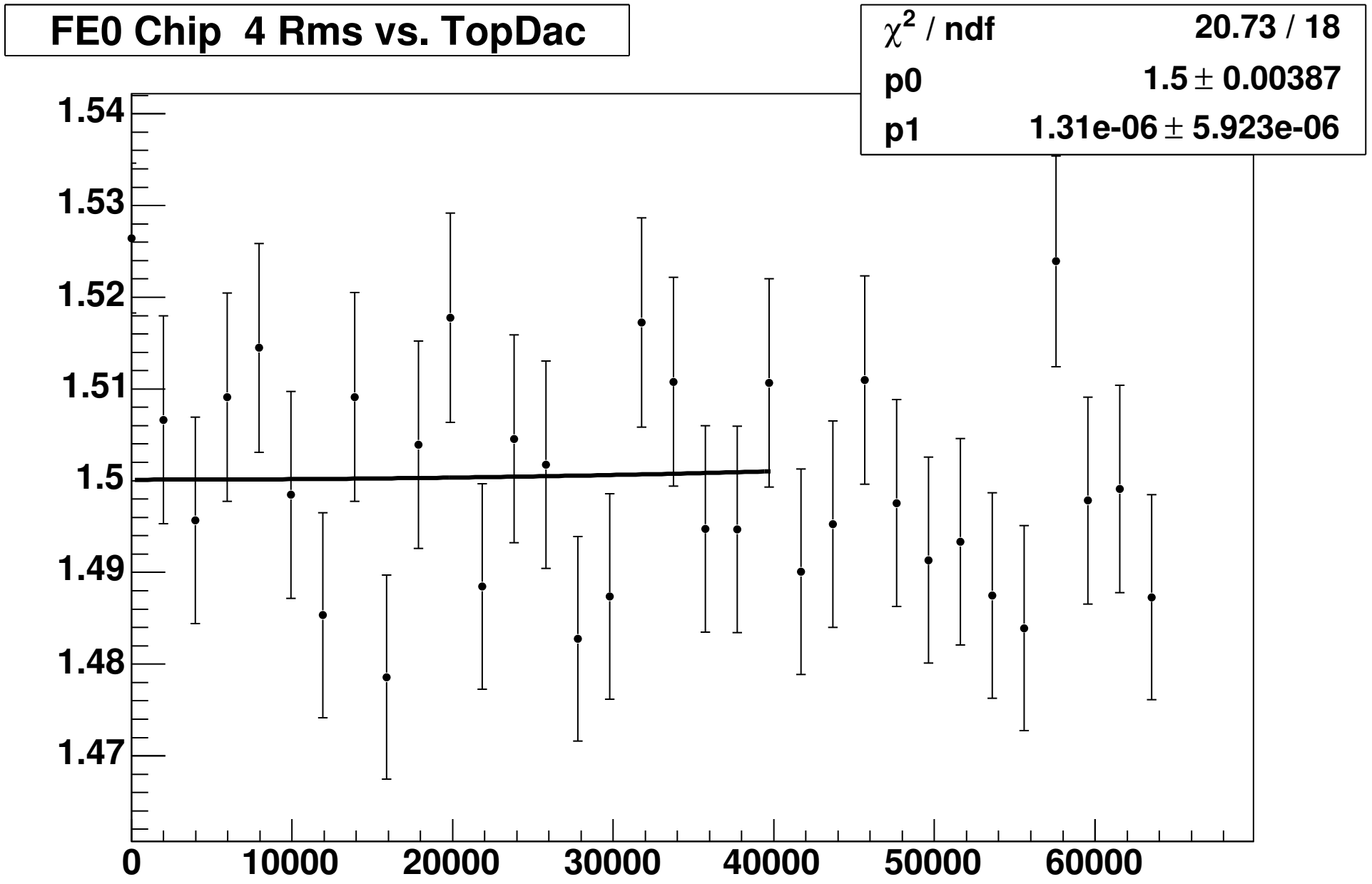
60000


FE0 Chip 4 Rms vs. TopDac
χ² / ndf 20.73 / 18
p0 1.5 ± 0.00387
p1 1.31e-06 ± 5.923e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
0
10000
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30000
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50000
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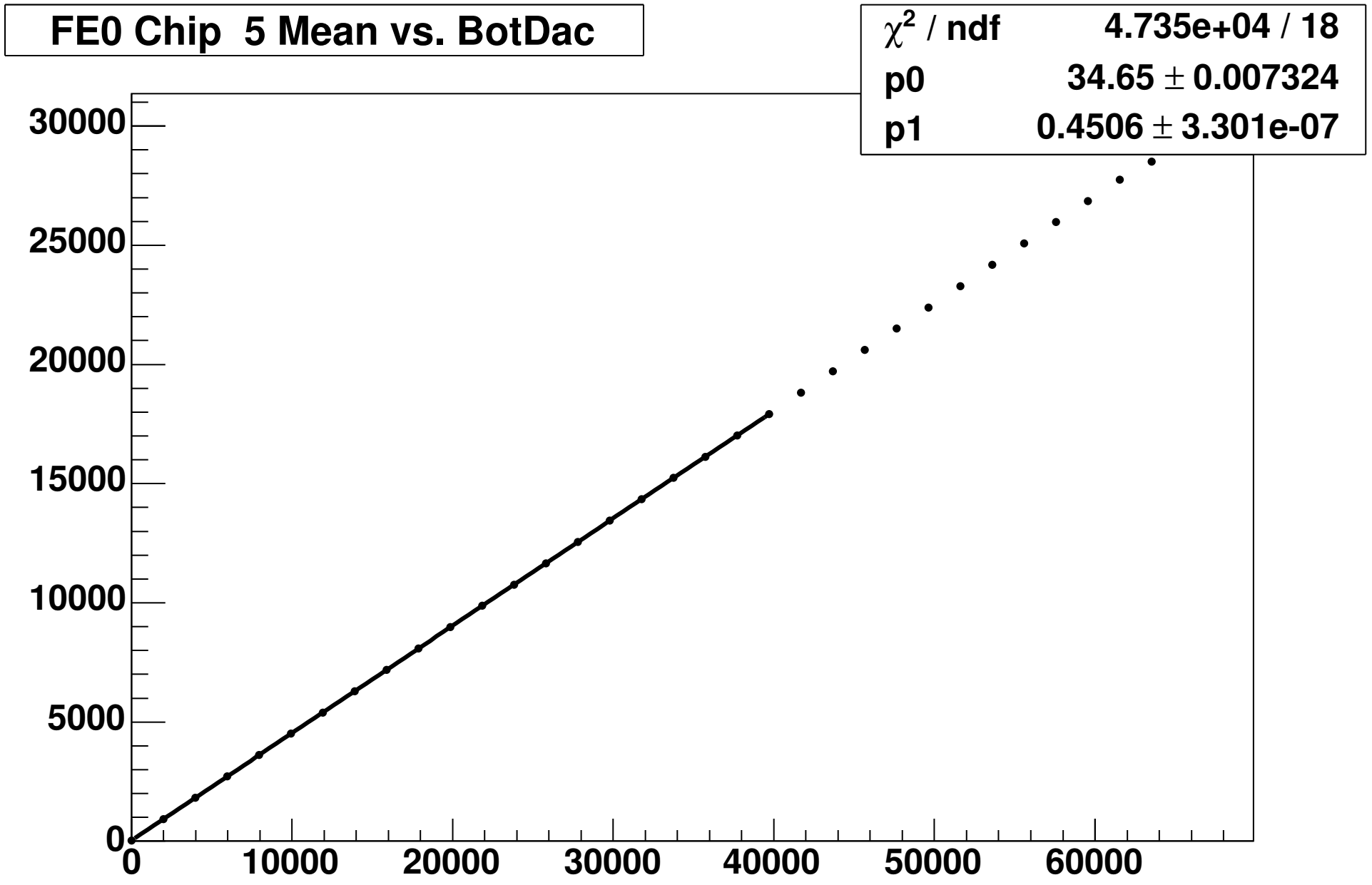
FE0 Chip 5 Mean vs. BotDac
χ² / ndf 4.735e+04 / 18
p0 34.65 ± 0.007324
p1 0.4506 ± 3.301e-07
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25000
20000
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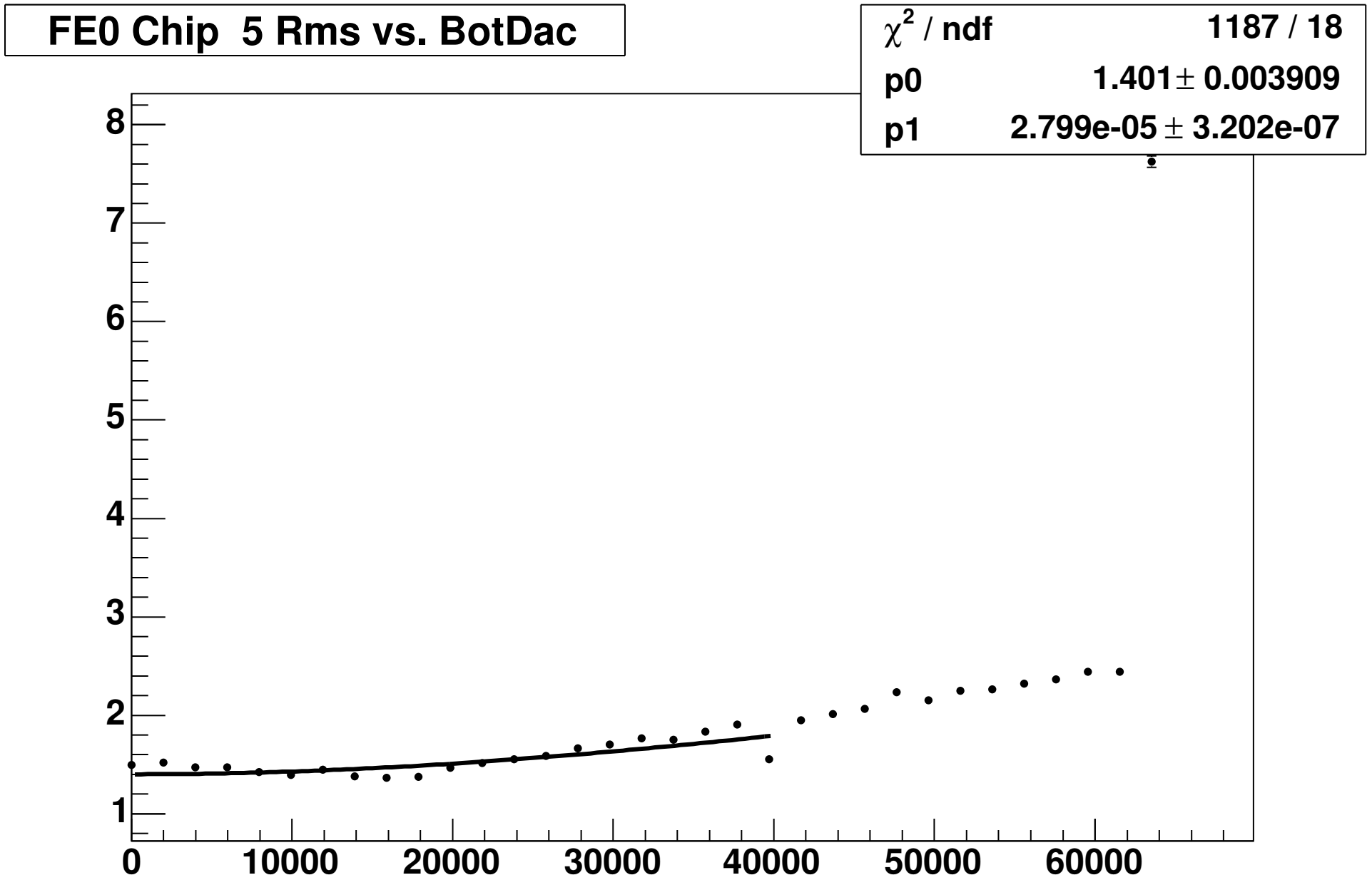
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 5 Rms vs. BotDac
χ² / ndf 1187 / 18
p0 1.401 ± 0.003909
p1 2.799e-05 ± 3.202e-07
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7
6
5
4
3
2
1
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10000
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40000
50000
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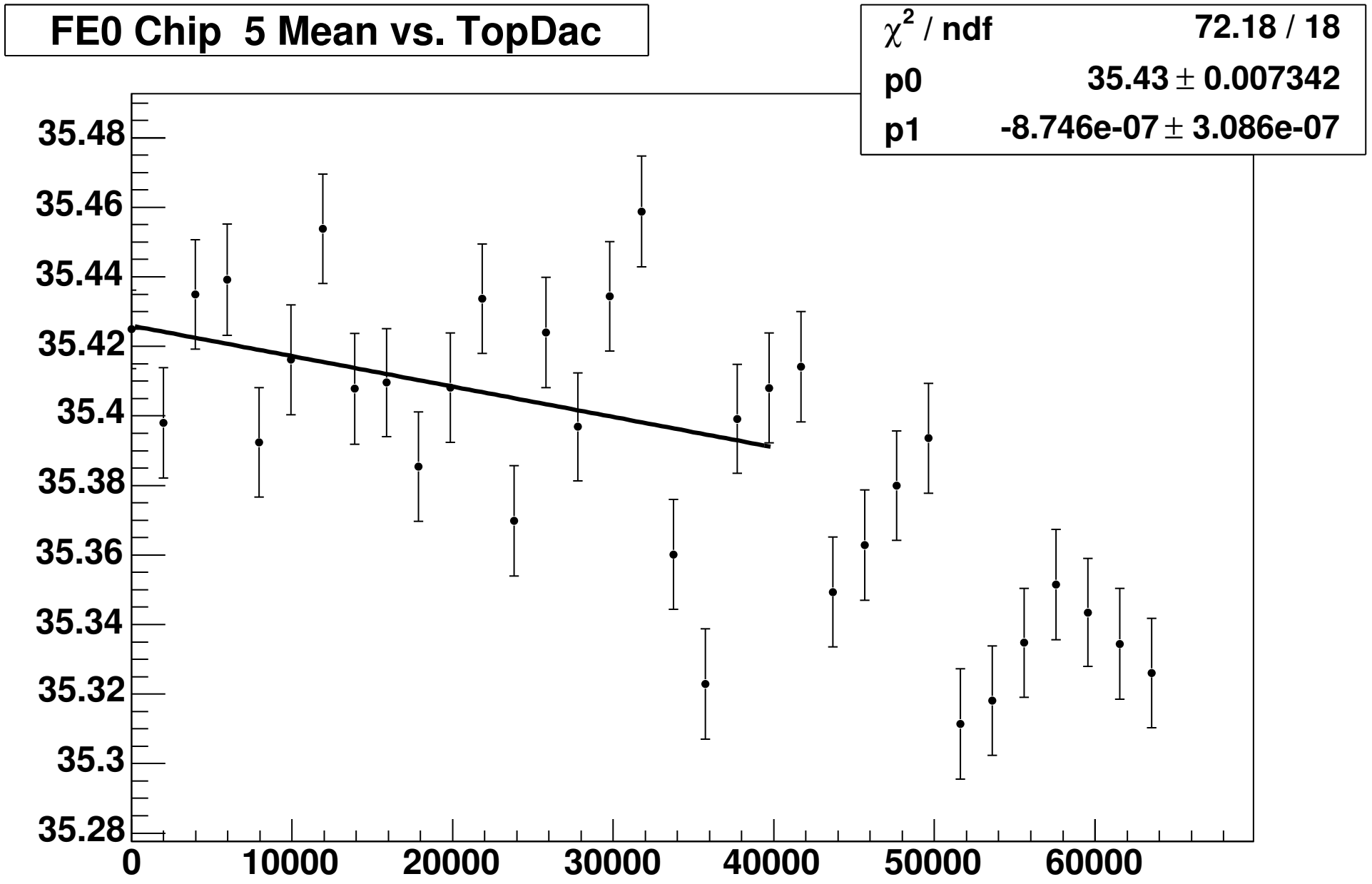
FE0 Chip 5 Mean vs. TopDac
χ² / ndf 72.18 / 18
p0 35.43 ± 0.007342
p1 -8.746e-07 ± 3.086e-07
35.48
35.46
35.44
35.42
35.4
35.38
35.36
35.34
35.32
35.3
35.28
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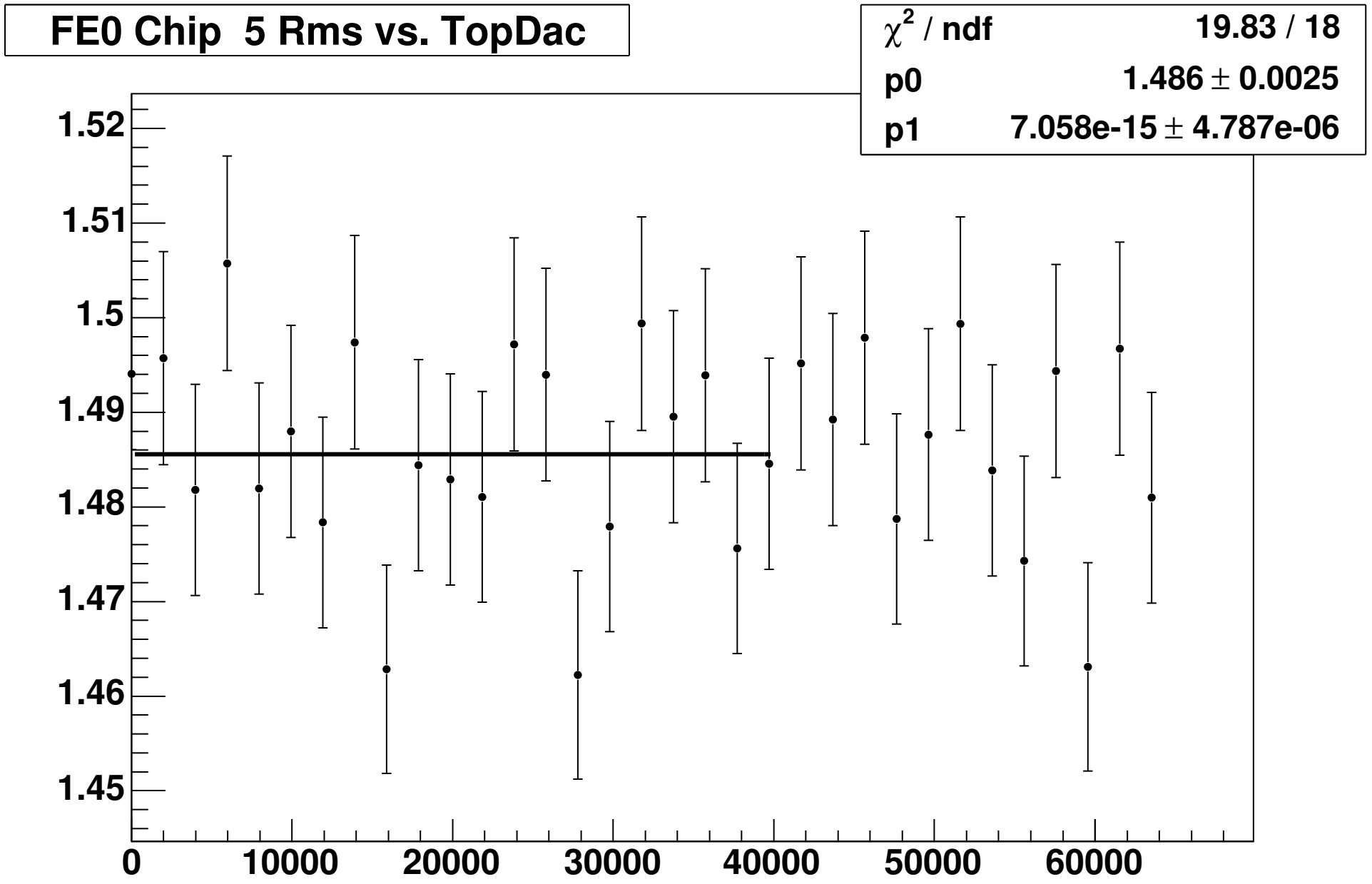
FE0 Chip 5 Rms vs. TopDac
χ² / ndf 19.83 / 18
p0 1.486 ± 0.0025
p1 7.058e-15 ± 4.787e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
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10000
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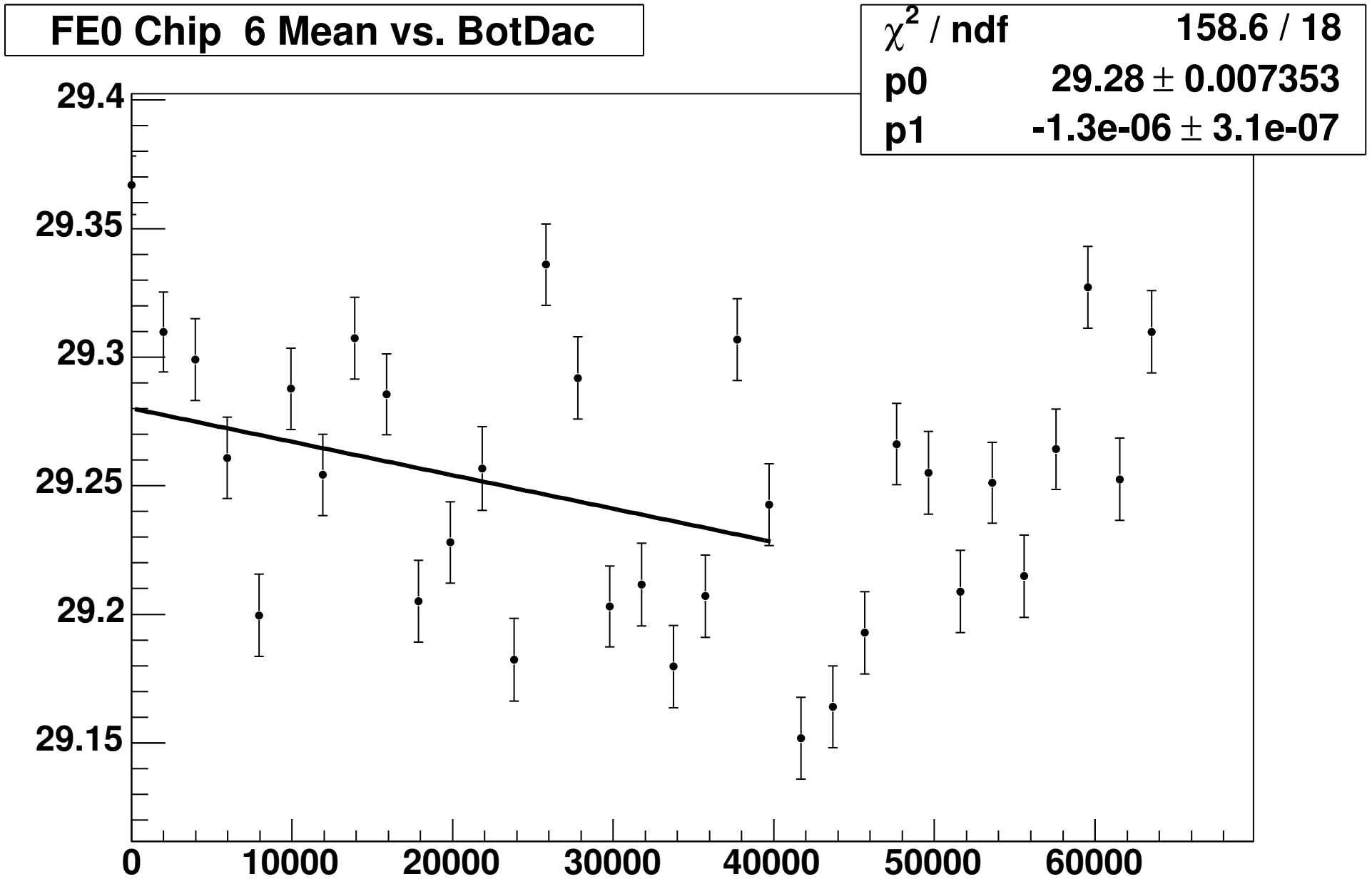
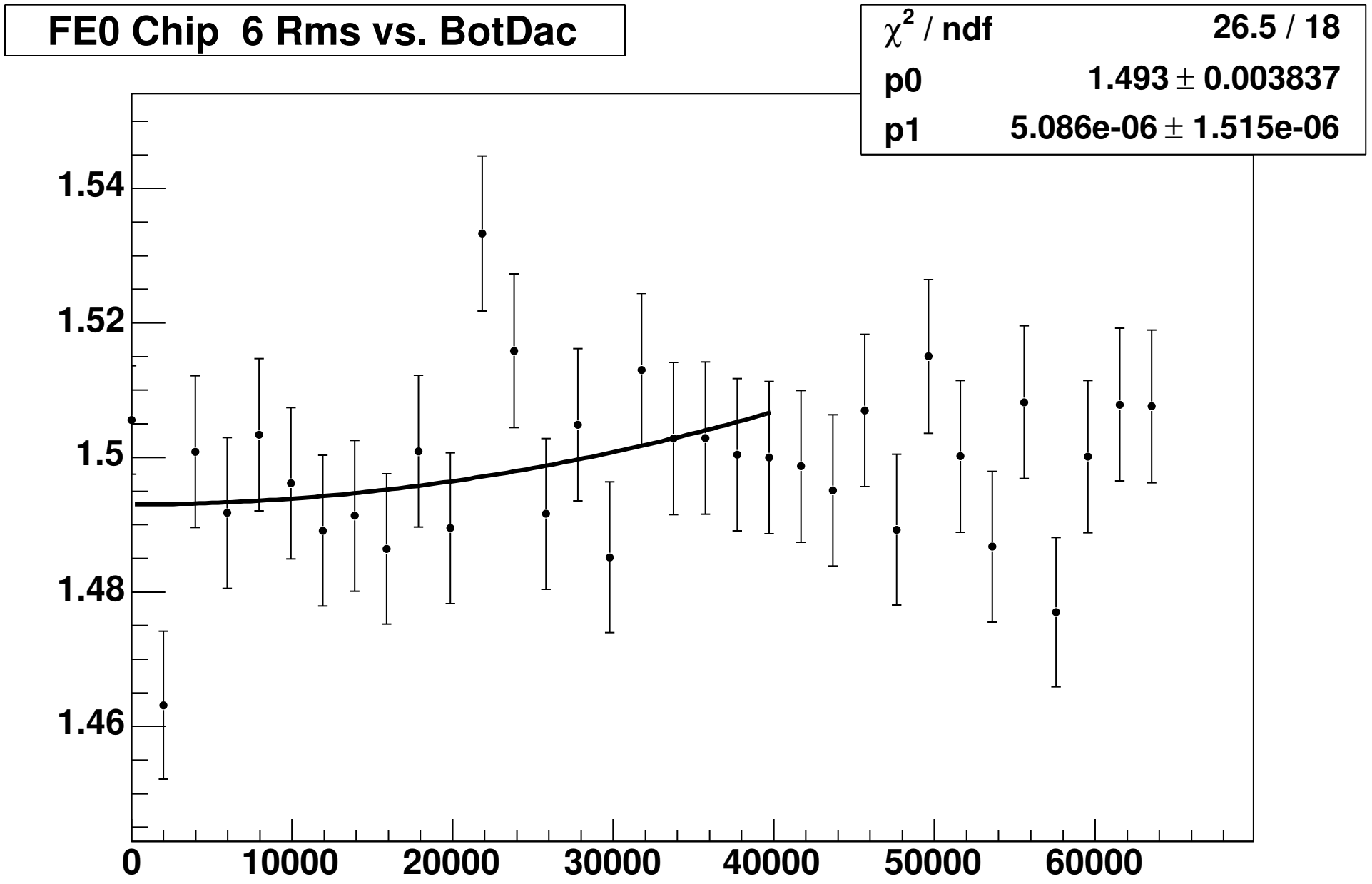
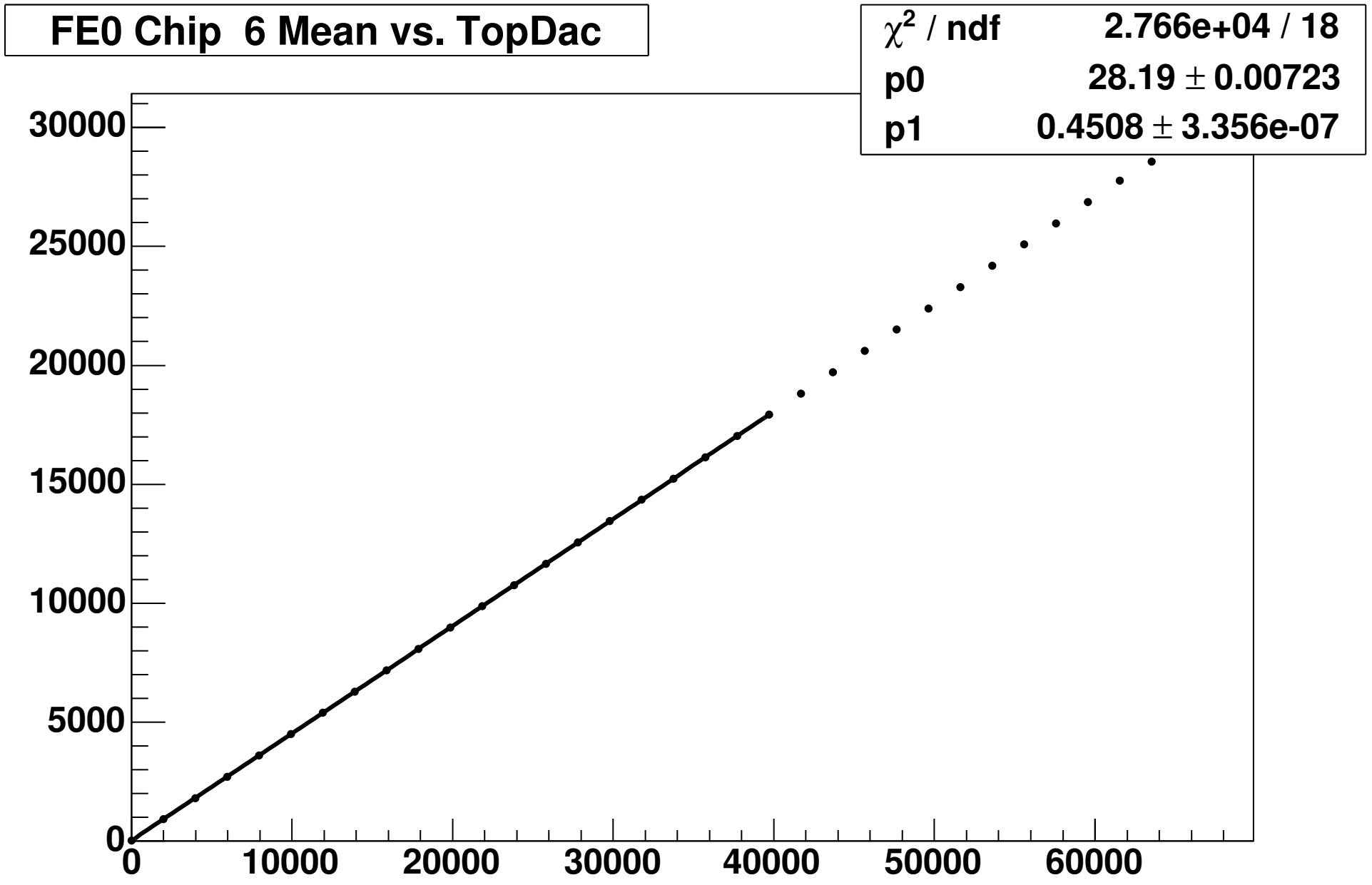
40000
50000
60000


FE0 Chip 6 Mean vs. BotDac
χ² / ndf 158.6 / 18
p0 29.28 ± 0.007353
p1 -1.3e-06 ± 3.1e-07
29.4
29.35
29.3
29.25
29.2
29.15
0
10000
20000
30000
40000
50000
60000


FE0 Chip 6 Rms vs. BotDac
χ² / ndf 26.5 / 18
p0 1.493 ± 0.003837
p1 5.086e-06 ± 1.515e-06
1.54
1.52
1.5
1.48
1.46
0
10000
20000
30000
40000
50000
60000


FE0 Chip 6 Mean vs. TopDac
χ² / ndf 2.766e+04 / 18
p0 28.19 ± 0.00723
p1 0.4508 ± 3.356e-07
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25000
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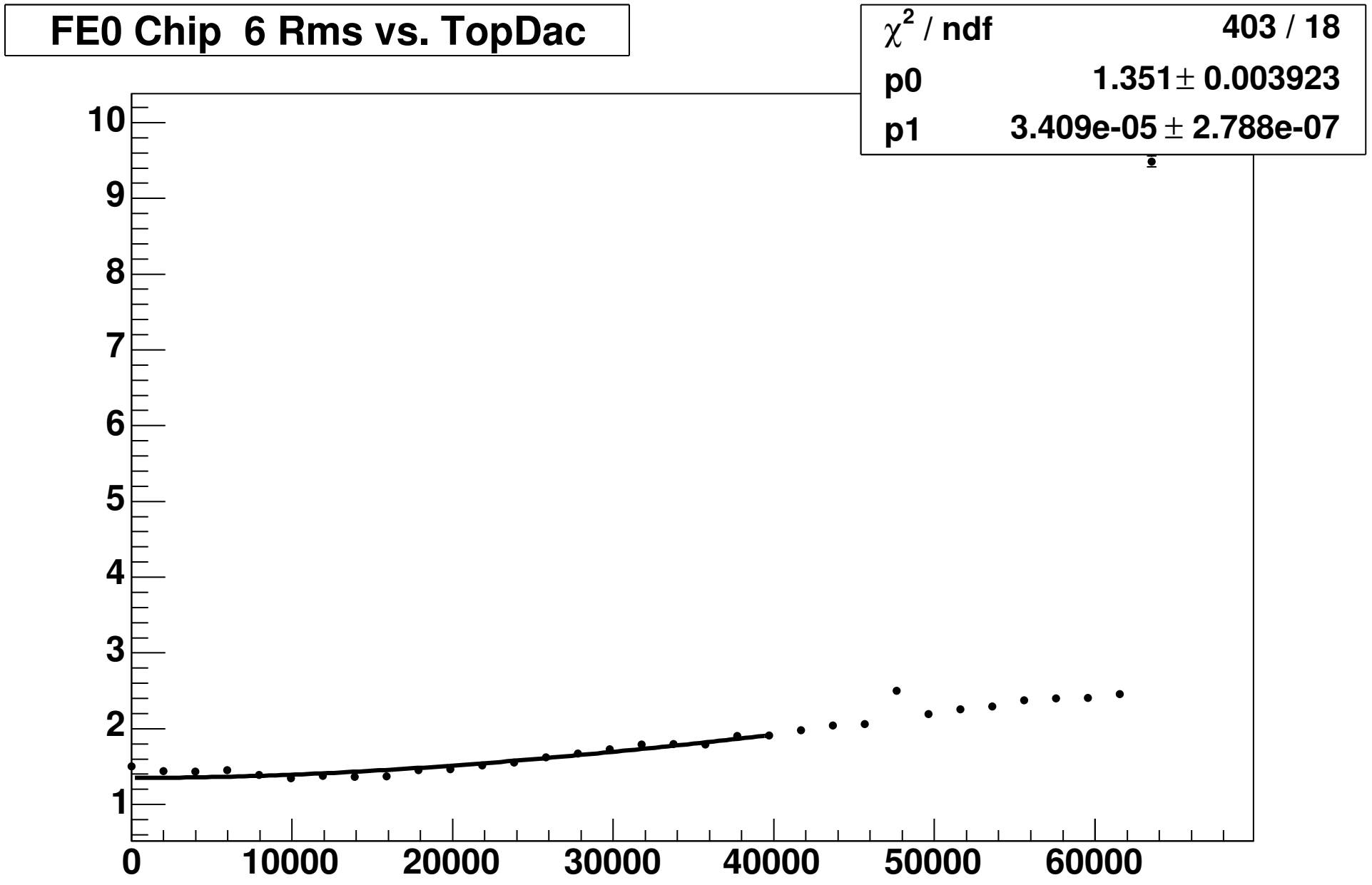
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 6 Rms vs. TopDac
χ² / ndf 403 / 18
p0 1.351 ± 0.003923
p1 3.409e-05 ± 2.788e-07
10
9
8
7
6
5
4
3
2
1
0
10000
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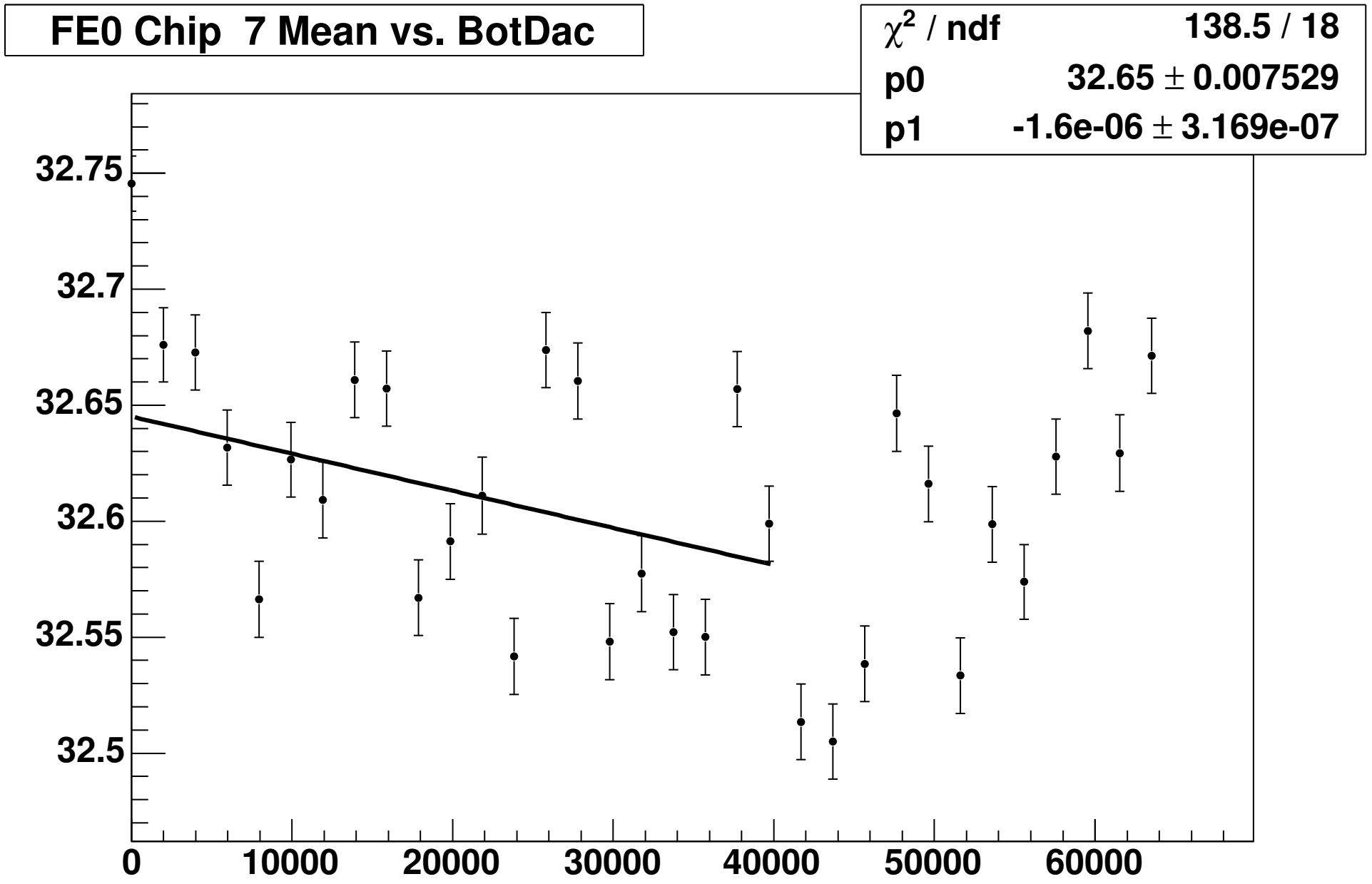
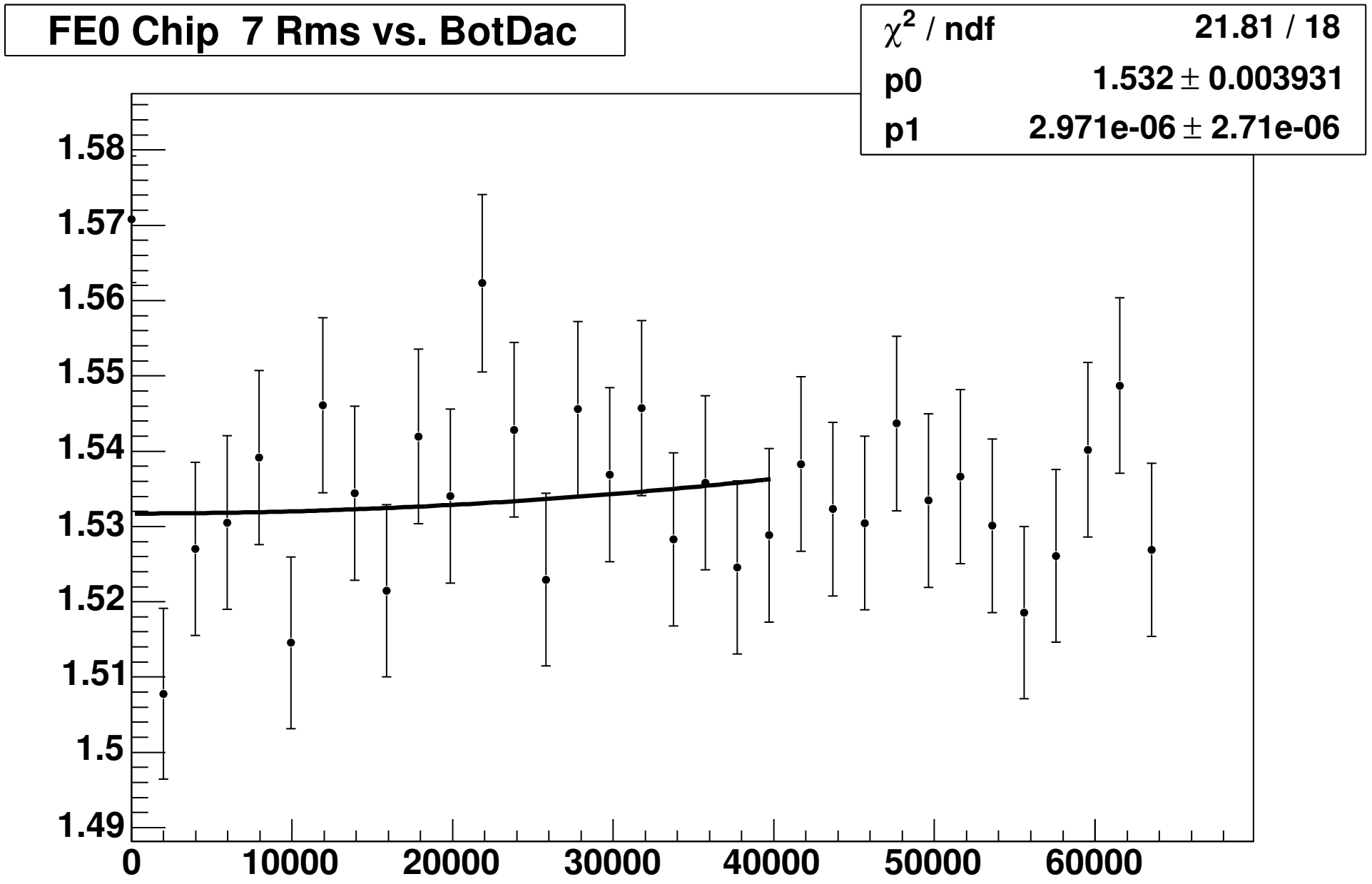
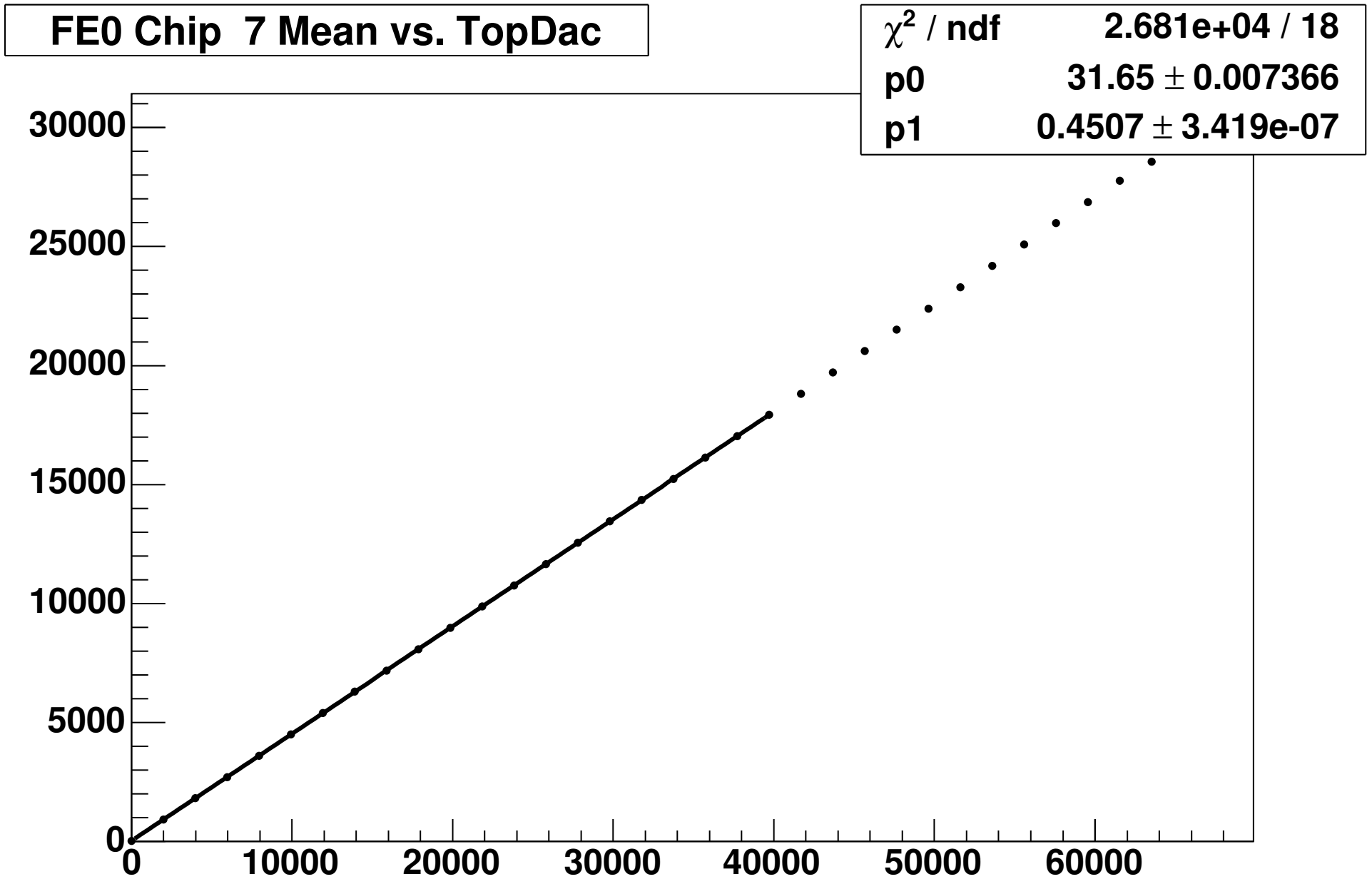
30000
40000
50000
60000


FE0 Chip 7 Mean vs. BotDac
χ² / ndf 138.5 / 18
p0 32.65 ± 0.007529
p1 -1.6e-06 ± 3.169e-07
32.75
32.7
32.65
32.6
32.55
32.5
0
10000
20000
30000
40000
50000
60000


FE0 Chip 7 Rms vs. BotDac
χ^2 / ndf 21.81 / 18
p0 1.532 ± 0.003931
p1 2.971e-06 ± 2.71e-06
1.58
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
0
10000
20000
30000
40000
50000
60000


FE0 Chip 7 Mean vs. TopDac
χ² / ndf 2.681e+04 / 18
p0 31.65 ± 0.007366
p1 0.4507 ± 3.419e-07
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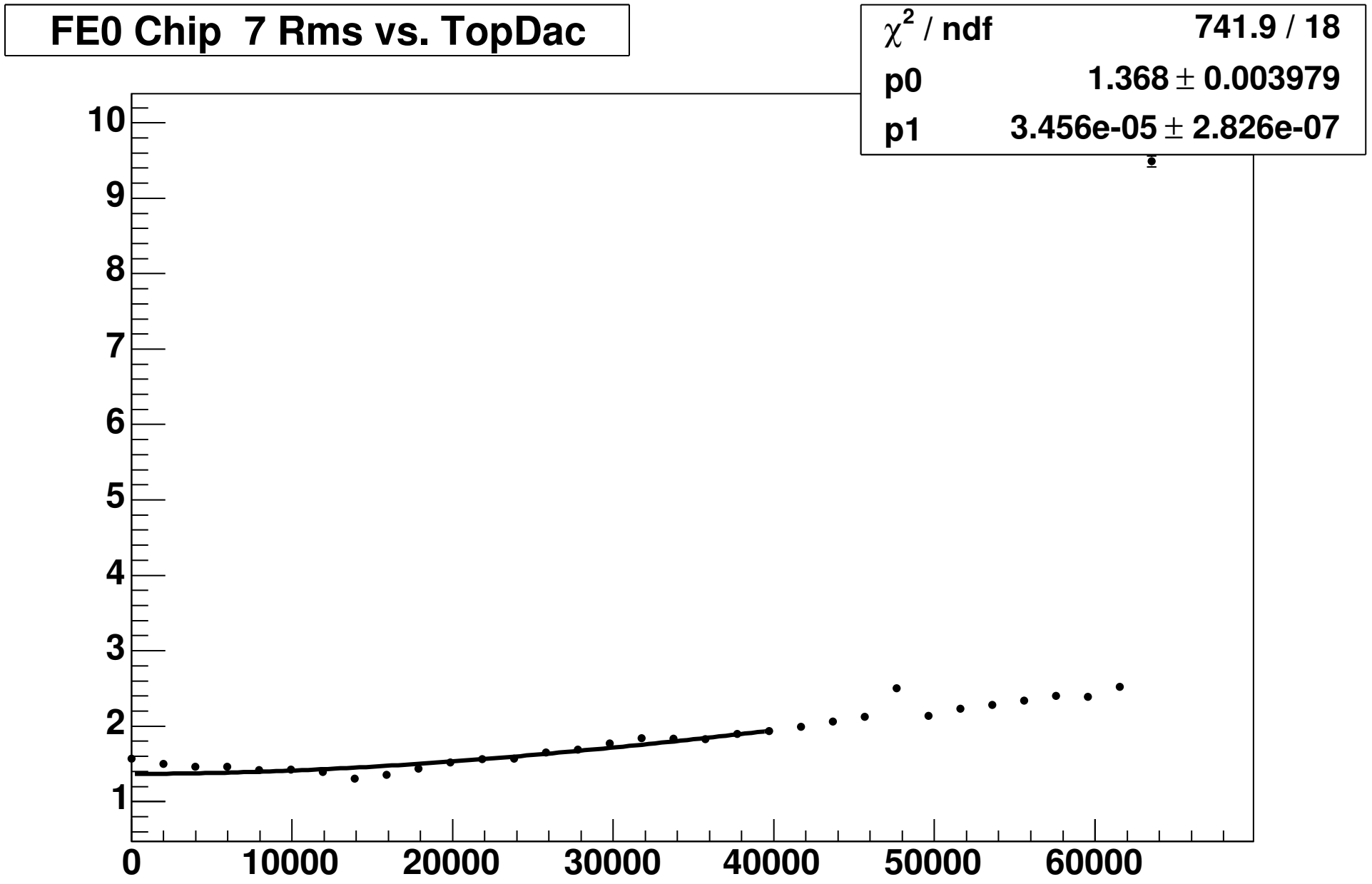
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 7 Rms vs. TopDac
χ² / ndf 741.9 / 18
p0 1.368 ± 0.003979
p1 3.456e-05 ± 2.826e-07
10
9
8
7
6
5
4
3
2
1
0
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20000
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40000
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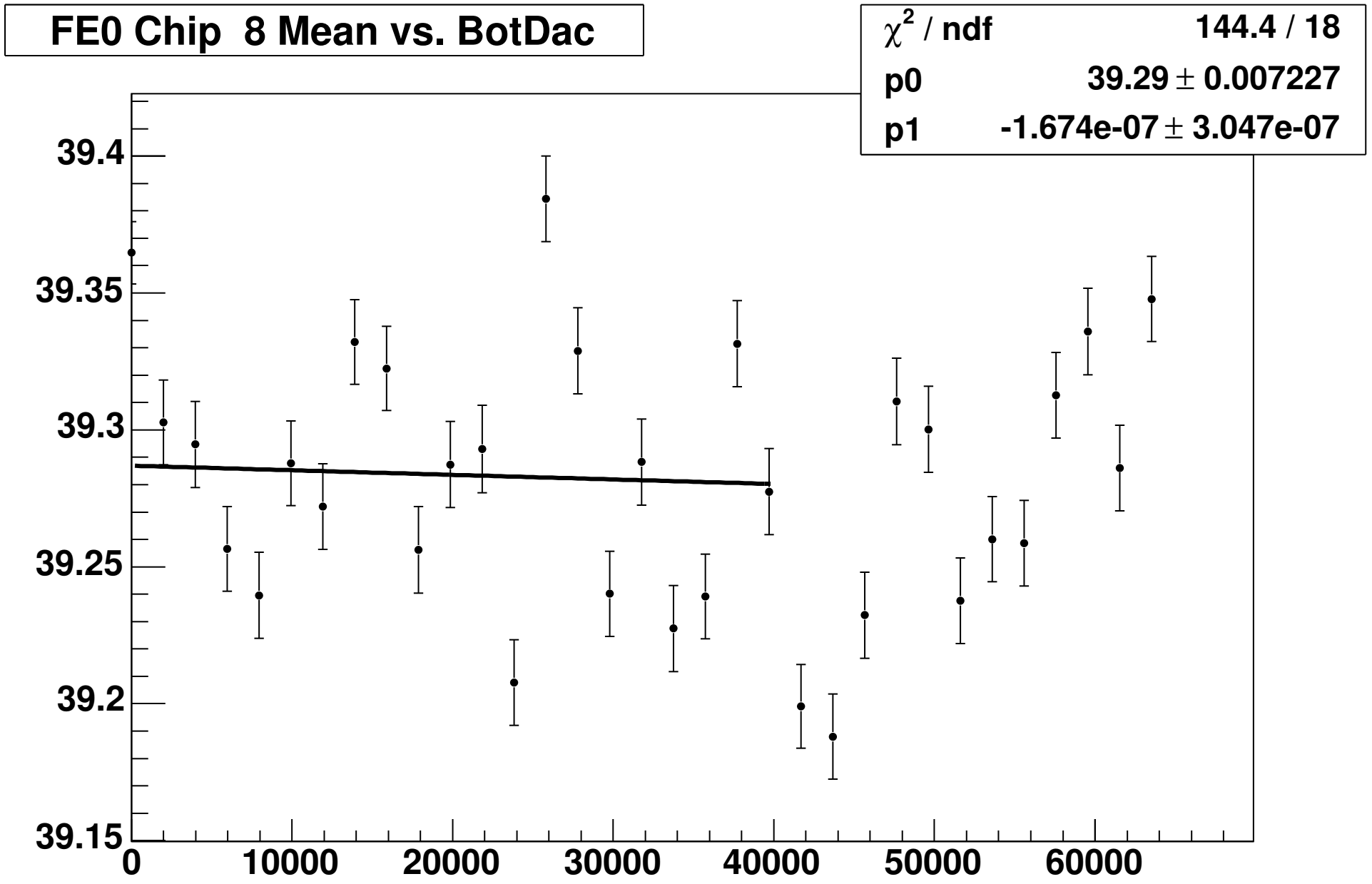
FE0 Chip 8 Mean vs. BotDac
χ² / ndf 144.4 / 18
p0 39.29 ± 0.007227
p1 -1.674e-07 ± 3.047e-07
39.4
39.35
39.3
39.25
39.2
39.15
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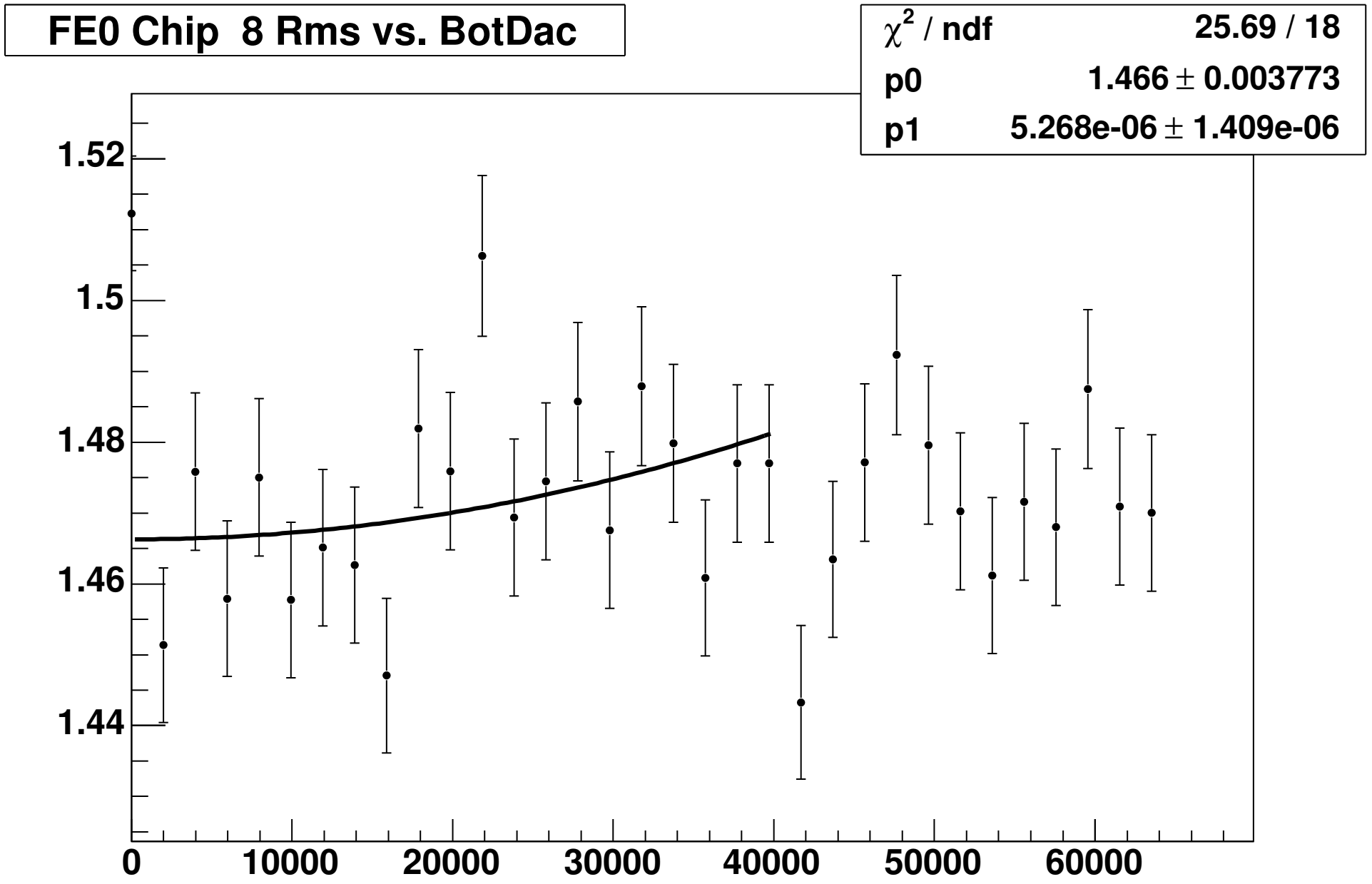
FE0 Chip 8 Rms vs. BotDac
χ² / ndf 25.69 / 18
p0 1.466 ± 0.003773
p1 5.268e-06 ± 1.409e-06
1.52
1.5
1.48
1.46
1.44
0
10000
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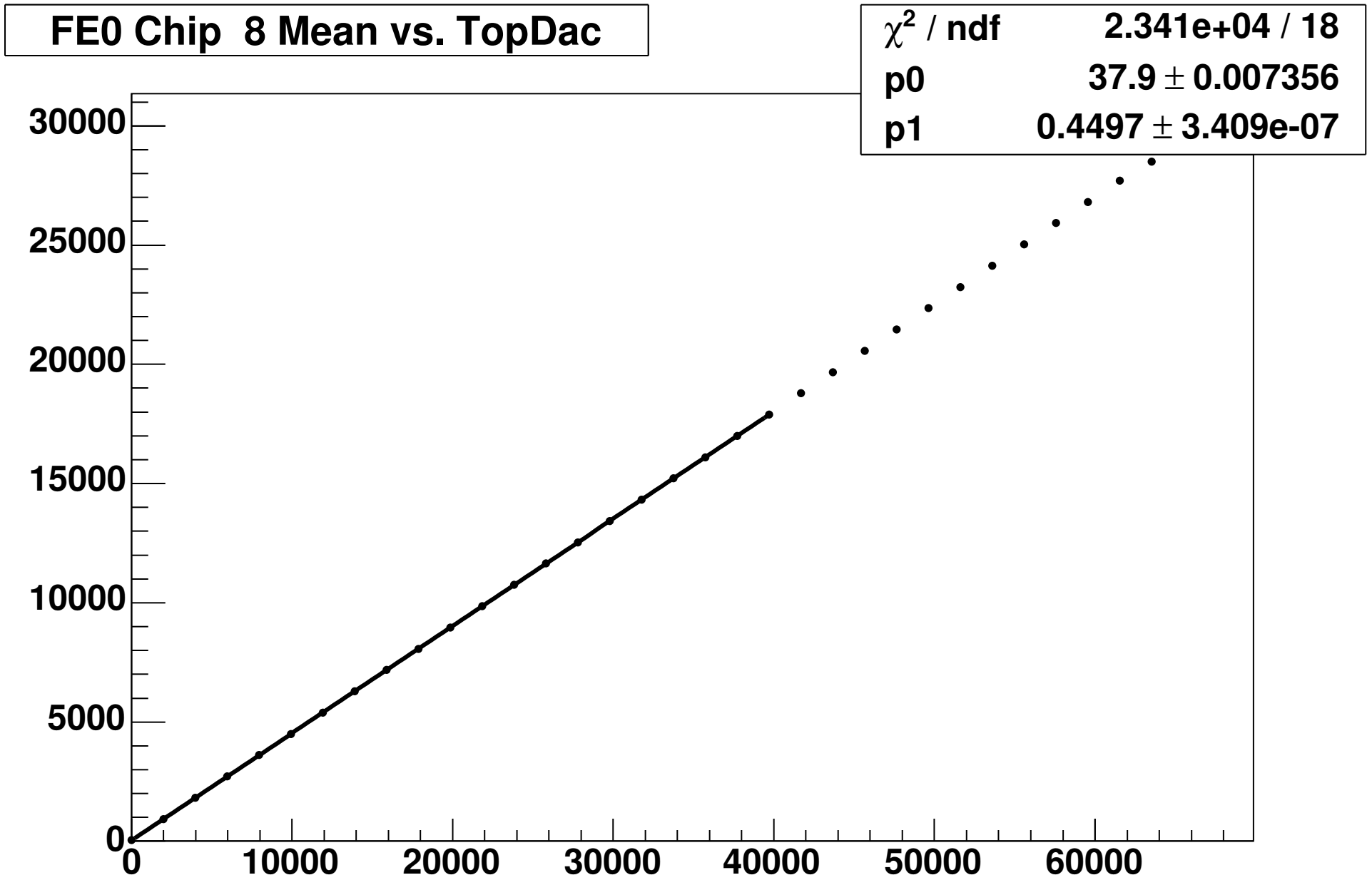
60000


FE0 Chip 8 Mean vs. TopDac
χ² / ndf 2.341e+04 / 18
p0 37.9 ± 0.007356
p1 0.4497 ± 3.409e-07
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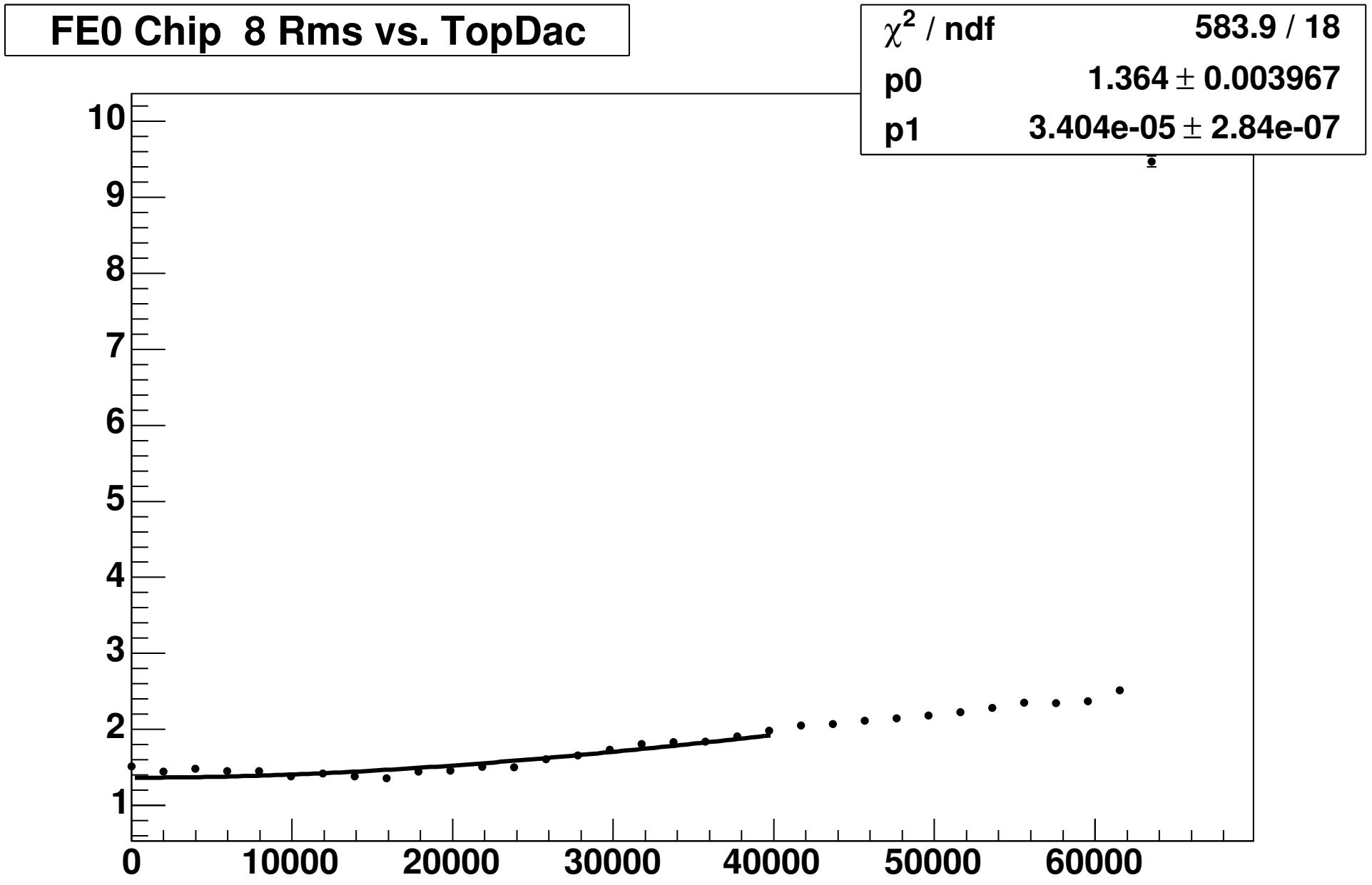
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 8 Rms vs. TopDac
χ² / ndf 583.9 / 18
p0 1.364 ± 0.003967
p1 3.404e-05 ± 2.84e-07
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8
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6
5
4
3
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0
10000
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40000
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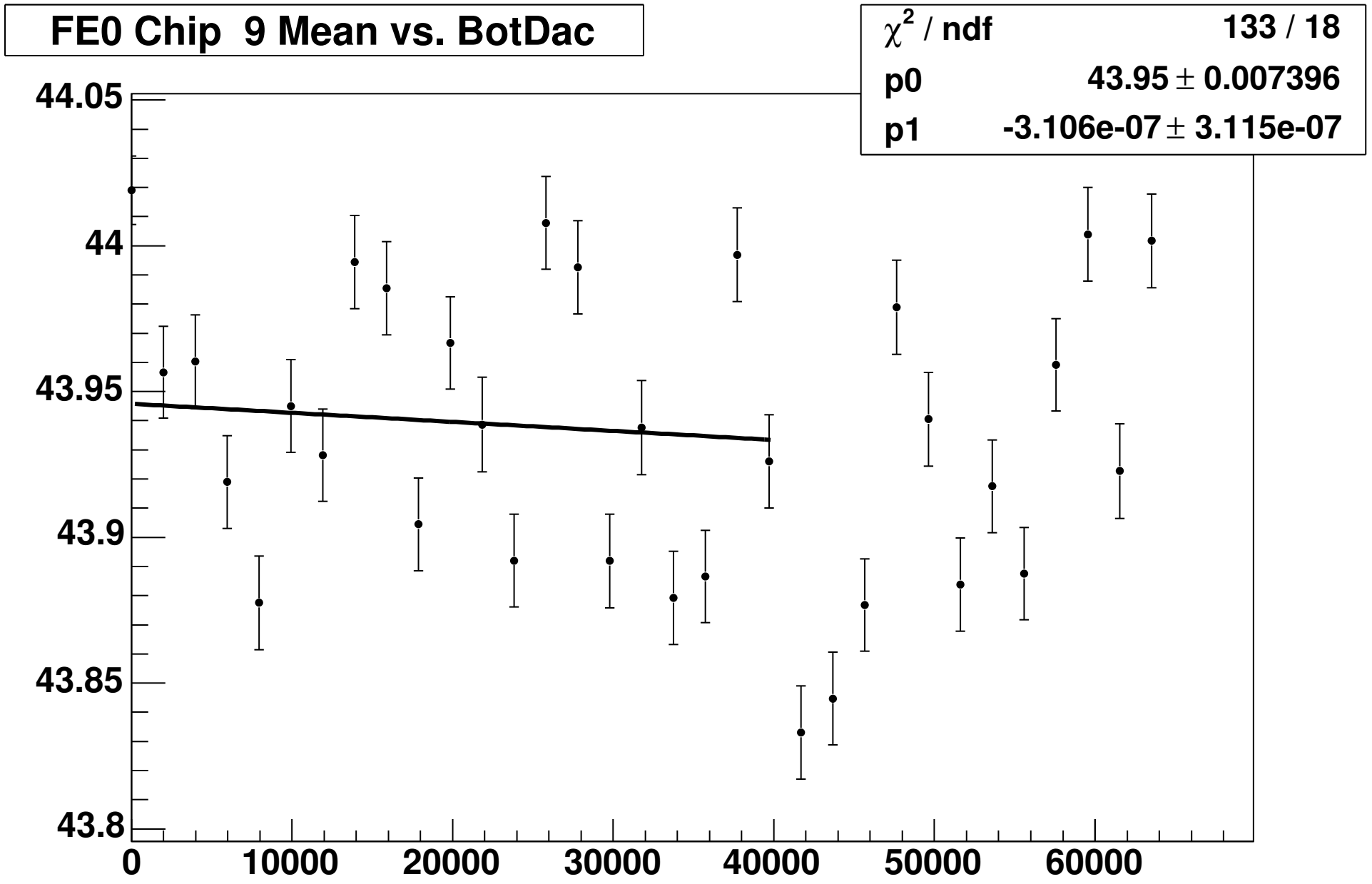
FE0 Chip 9 Mean vs. BotDac
χ² / ndf 133 / 18
p0 43.95 ± 0.007396
p1 -3.106e-07 ± 3.115e-07
44.05
44
43.95
43.9
43.85
43.8
0
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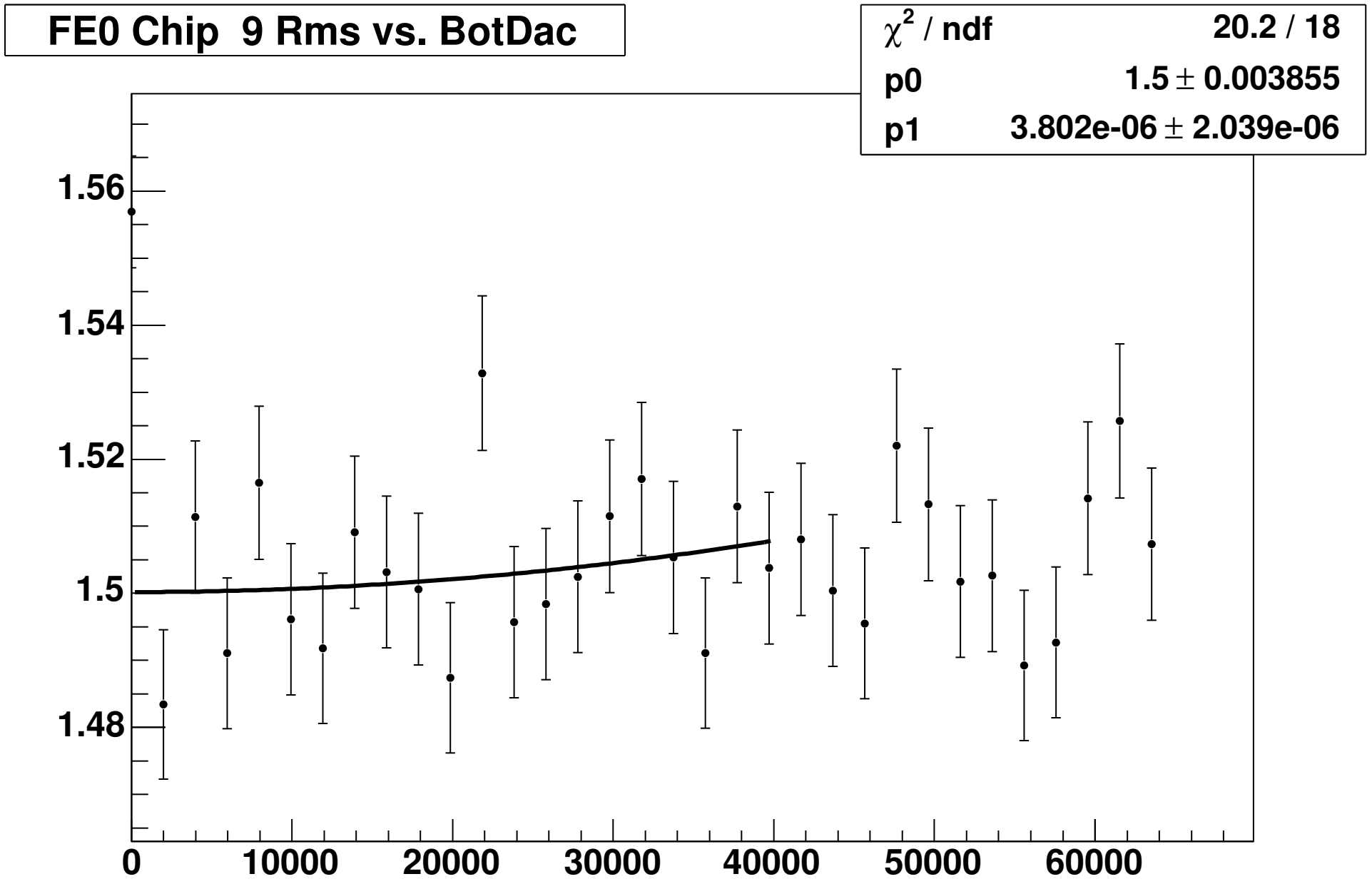
FE0 Chip 9 Rms vs. BotDac
χ² / ndf 20.2 / 18
p0 1.5 ± 0.003855
p1 3.802e-06 ± 2.039e-06
1.56
1.54
1.52
1.5
1.48
0
10000
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50000
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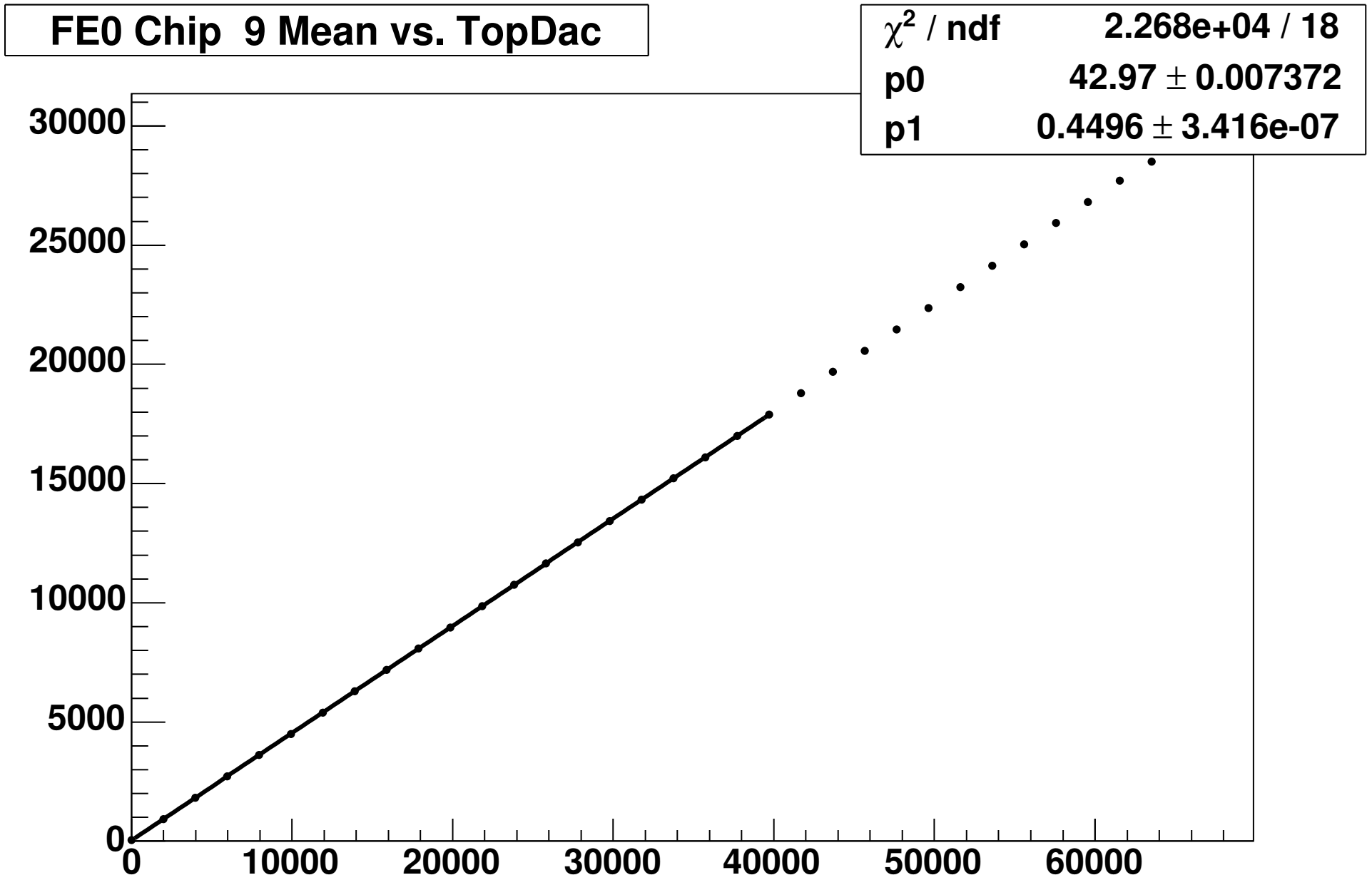
FE0 Chip 9 Mean vs. TopDac
χ² / ndf 2.268e+04 / 18
p0 42.97 ± 0.007372
p1 0.4496 ± 3.416e-07
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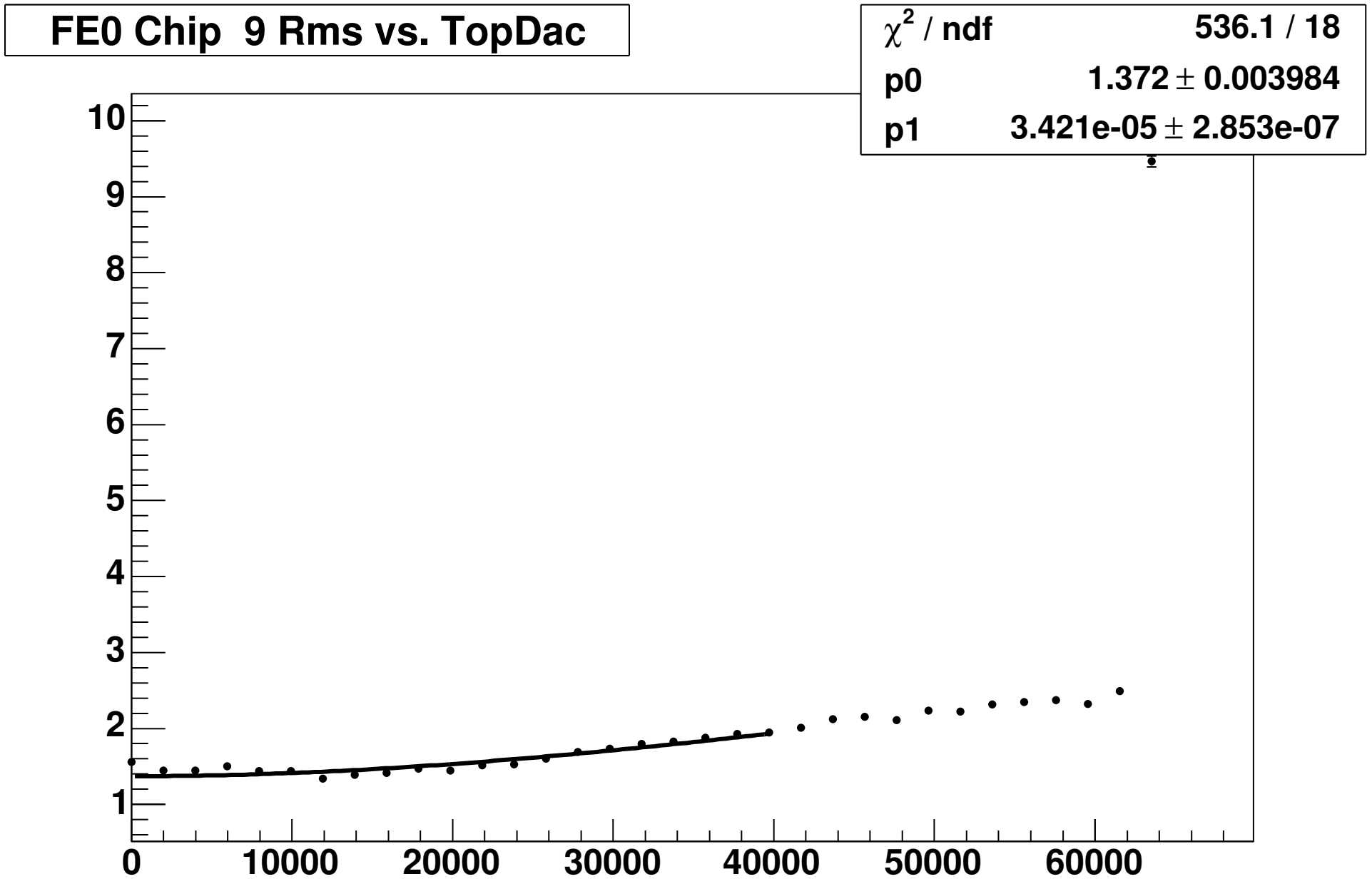
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 9 Rms vs. TopDac
χ² / ndf 536.1 / 18
p0 1.372 ± 0.003984
p1 3.421e-05 ± 2.853e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
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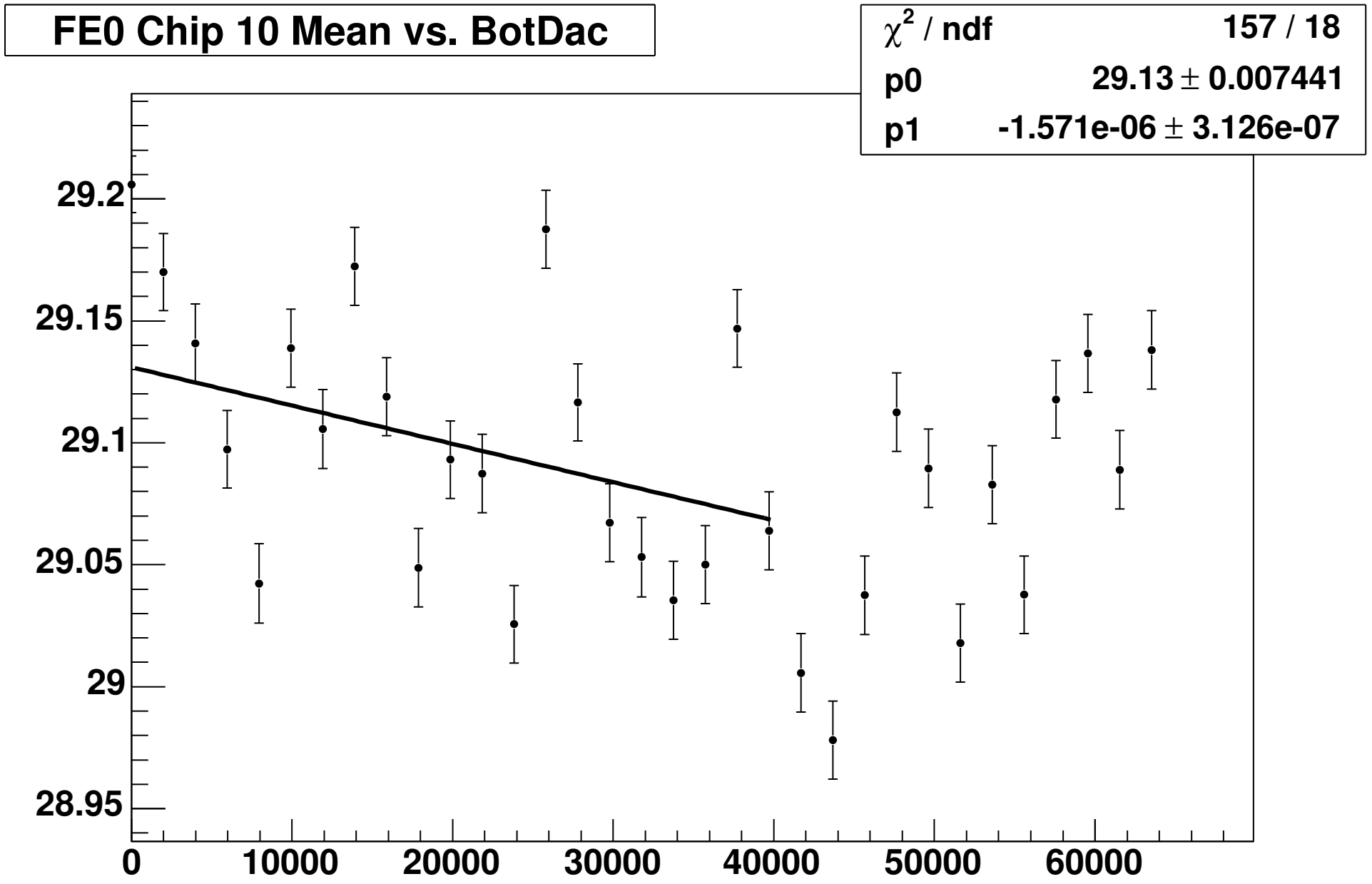
40000
50000
60000


FE0 Chip 10 Mean vs. BotDac
χ² / ndf 157 / 18
p0 29.13 ± 0.007441
p1 -1.571e-06 ± 3.126e-07
29.2
29.15
29.1
29.05
29
28.95
0
10000
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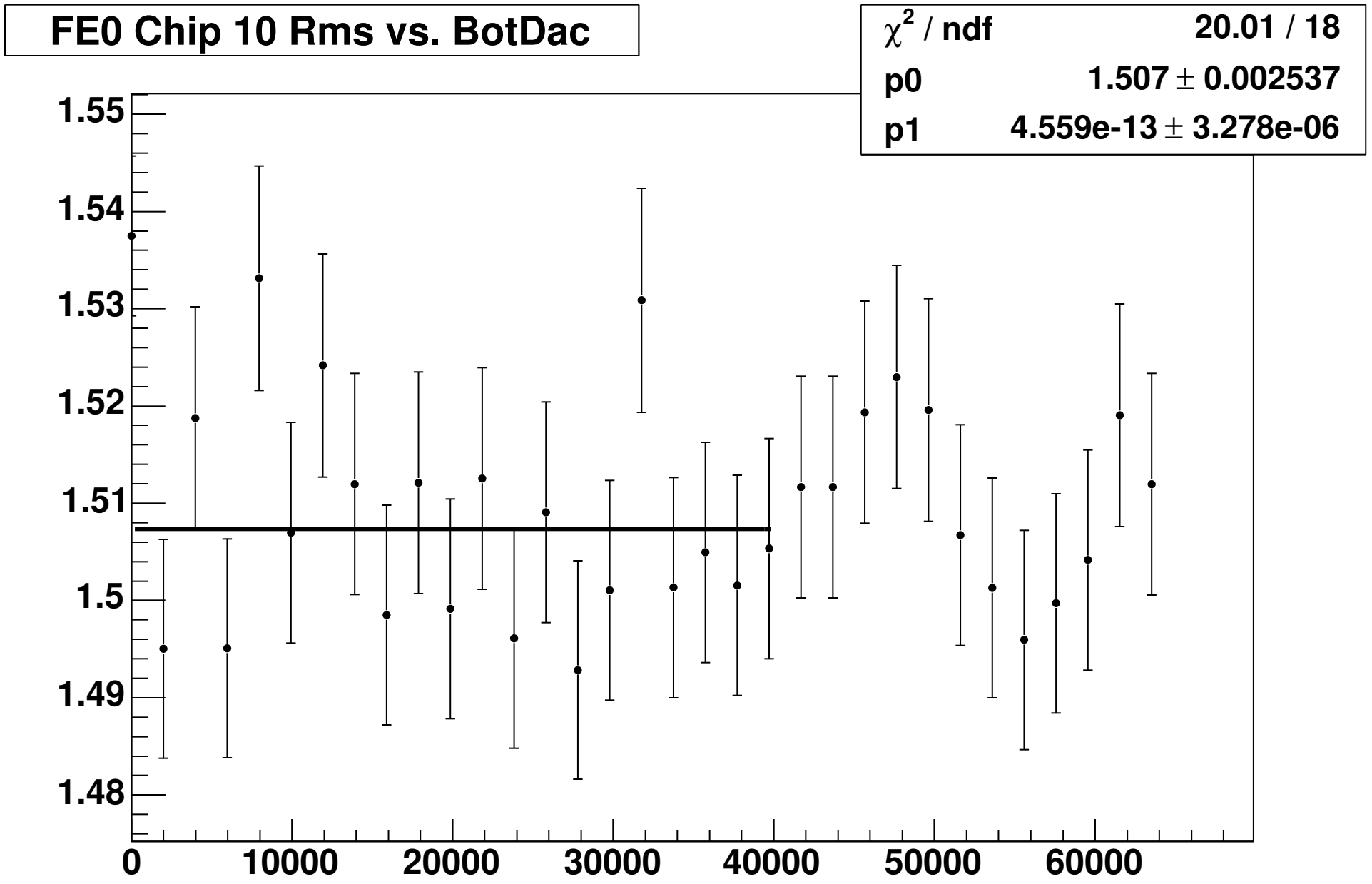
50000
60000


FE0 Chip 10 Rms vs. BotDac
χ² / ndf 20.01 / 18
p0 1.507 ± 0.002537
p1 4.559e-13 ± 3.278e-06
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
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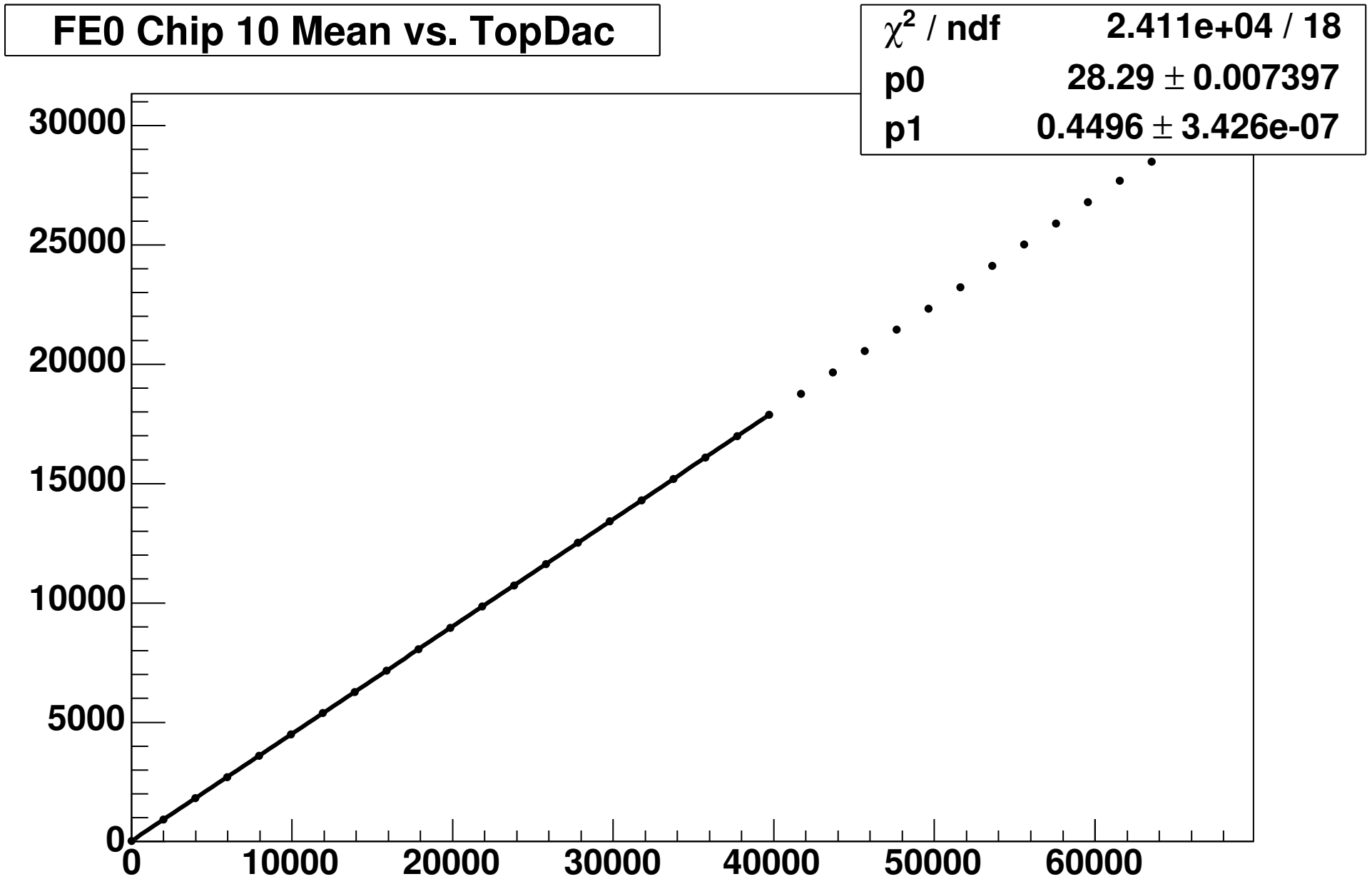
60000


FE0 Chip 10 Mean vs. TopDac
χ² / ndf 2.411e+04 / 18
p0 28.29 ± 0.007397
p1 0.4496 ± 3.426e-07
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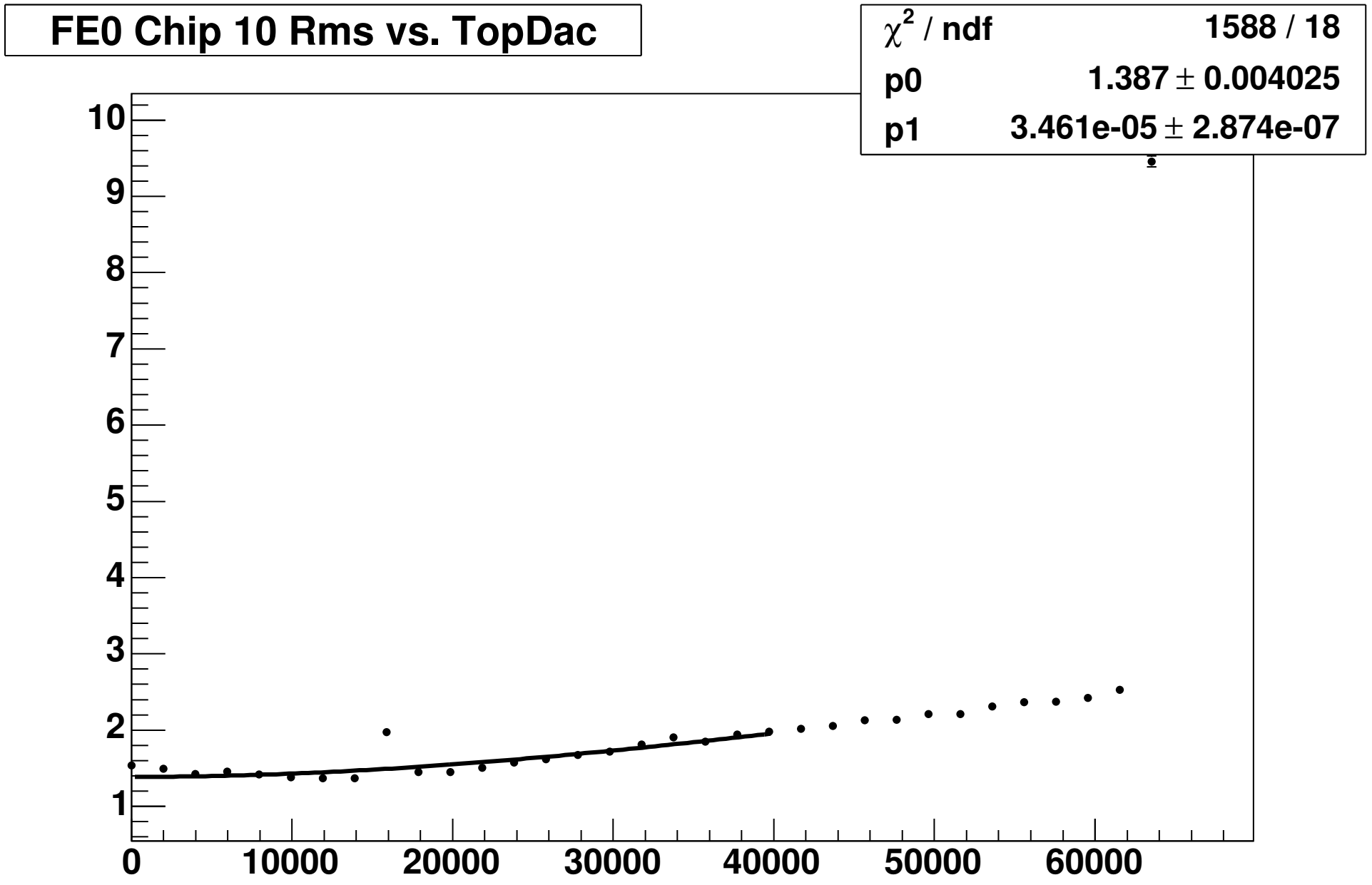
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 10 Rms vs. TopDac
χ² / ndf 1588 / 18
p0 1.387 ± 0.004025
p1 3.461e-05 ± 2.874e-07
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8
7
6
5
4
3
2
1
0
10000
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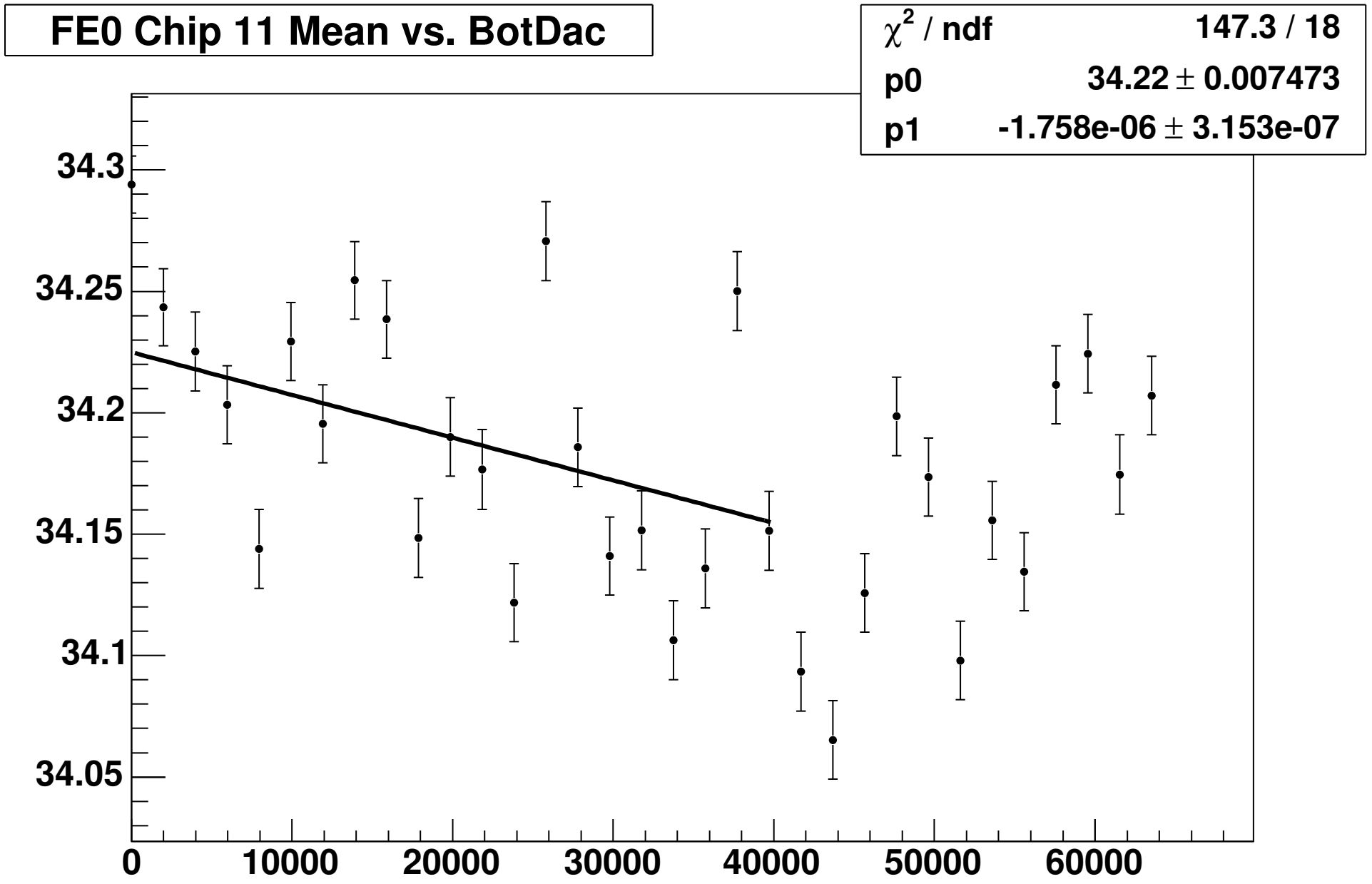
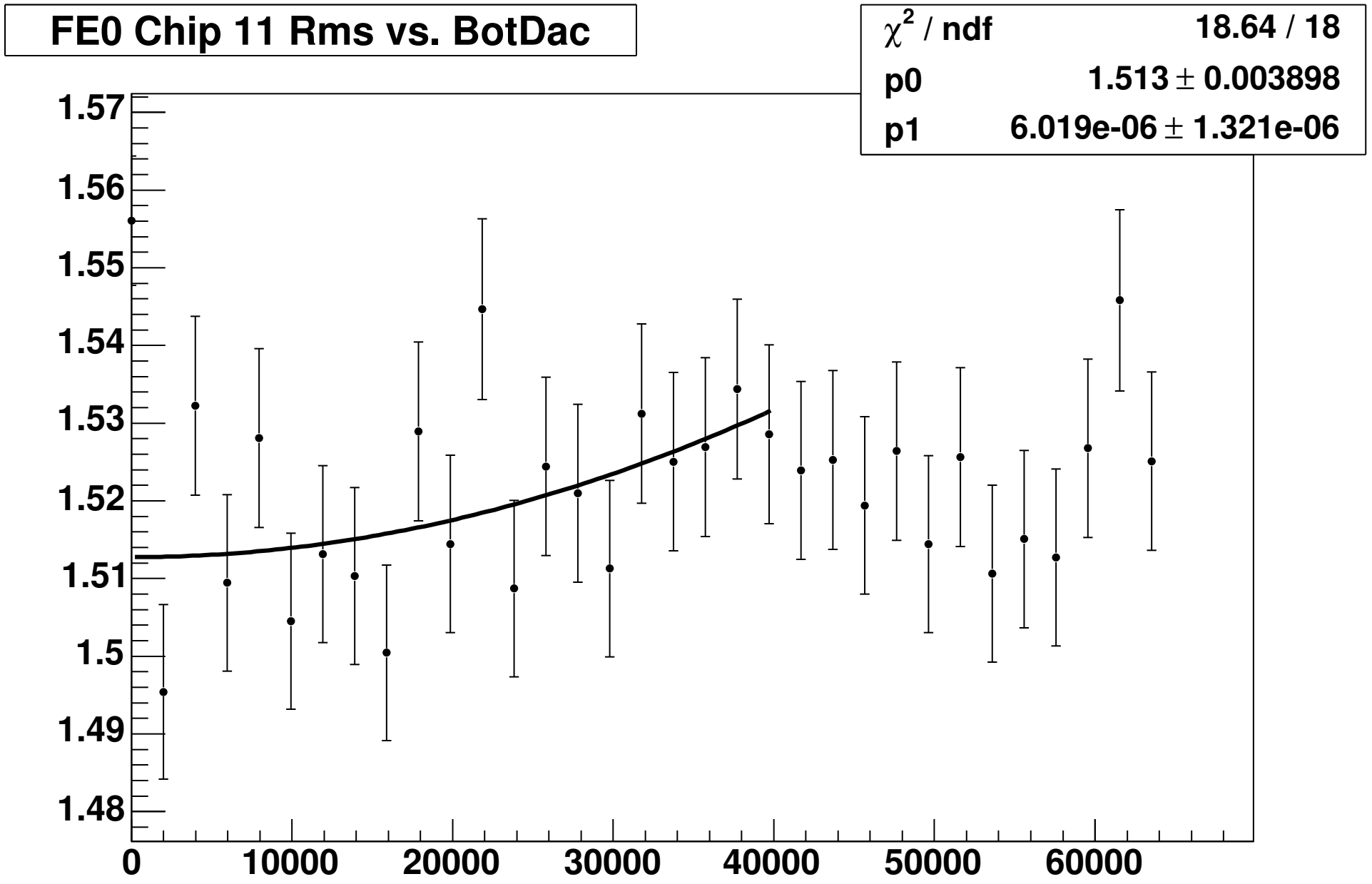
60000


FE0 Chip 11 Mean vs. BotDac
χ² / ndf 147.3 / 18
p0 34.22 ± 0.007473
p1 -1.758e-06 ± 3.153e-07
34.3
34.25
34.2
34.15
34.1
34.05
0
10000
20000
30000
40000
50000
60000


FE0 Chip 11 Rms vs. BotDac
χ² / ndf 18.64 / 18
p0 1.513 ± 0.003898
p1 6.019e-06 ± 1.321e-06
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
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10000
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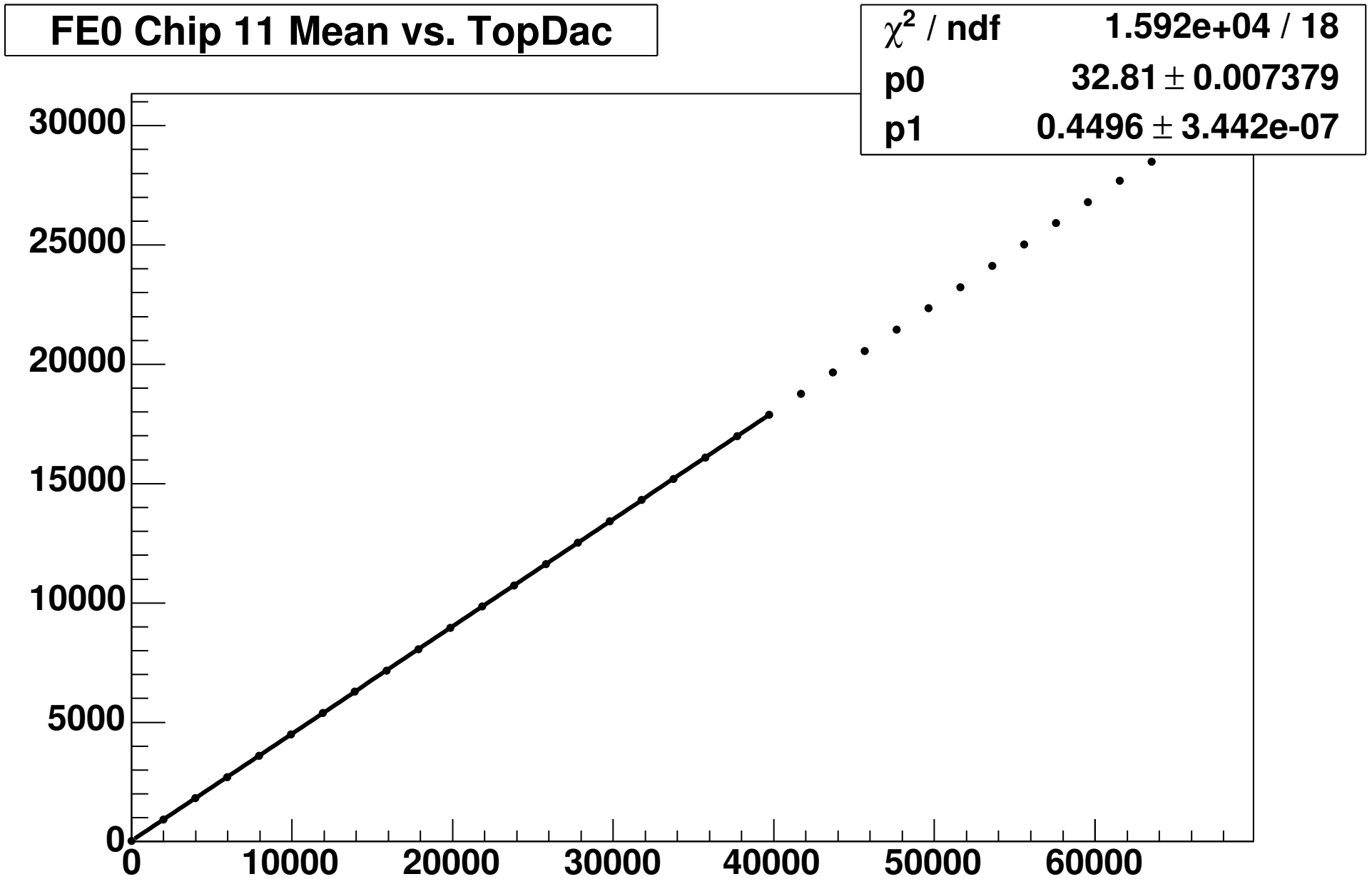
FE0 Chip 11 Mean vs. TopDac
χ² / ndf 1.592e+04 / 18
p0 32.81 ± 0.007379
p1 0.4496 ± 3.442e-07
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0
0
10000
20000
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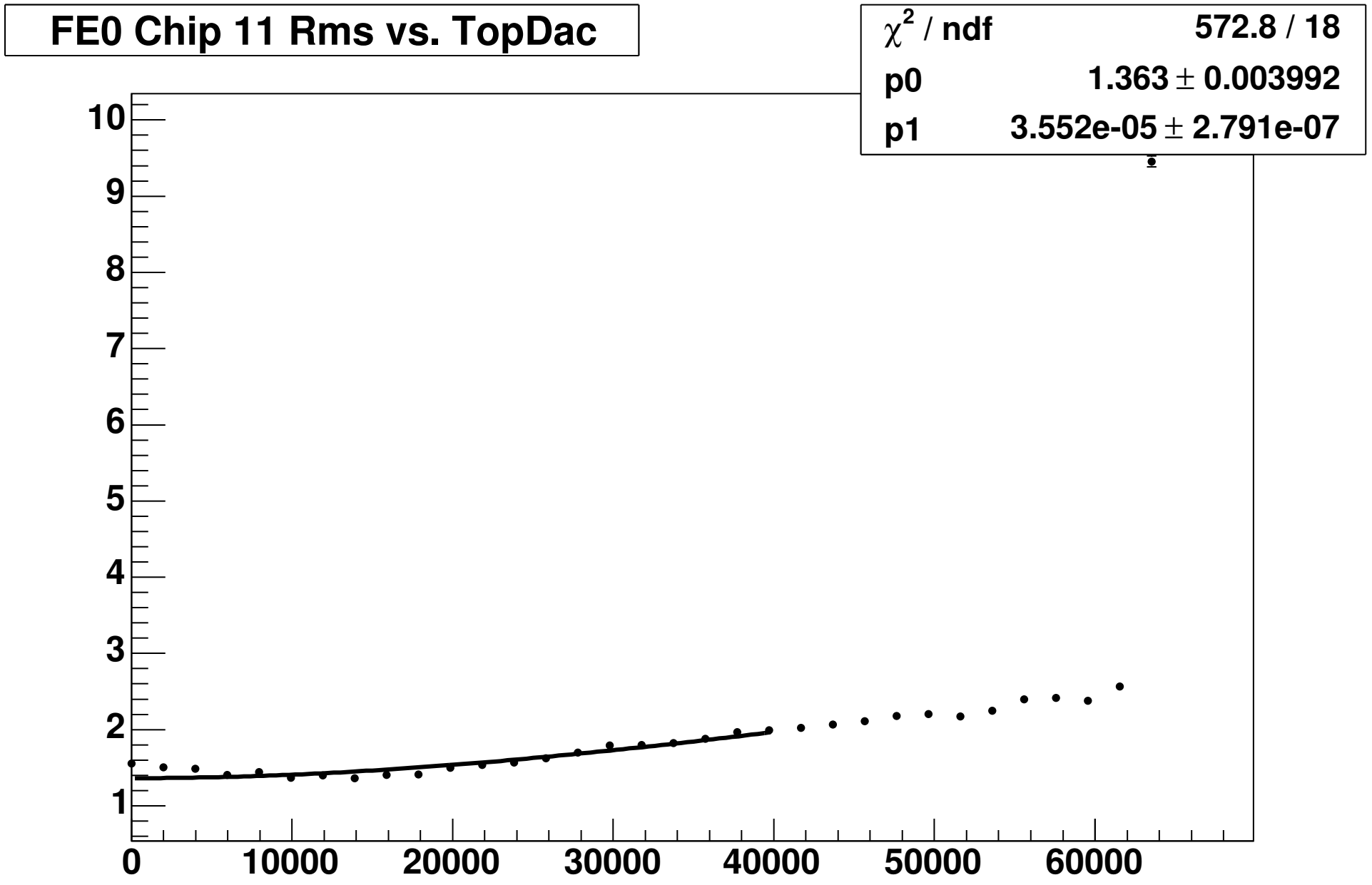
40000
50000
60000


FE0 Chip 11 Rms vs. TopDac
χ² / ndf 572.8 / 18
p0 1.363 ± 0.003992
p1 3.552e-05 ± 2.791e-07
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7
6
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4
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2
1
0
10000
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30000
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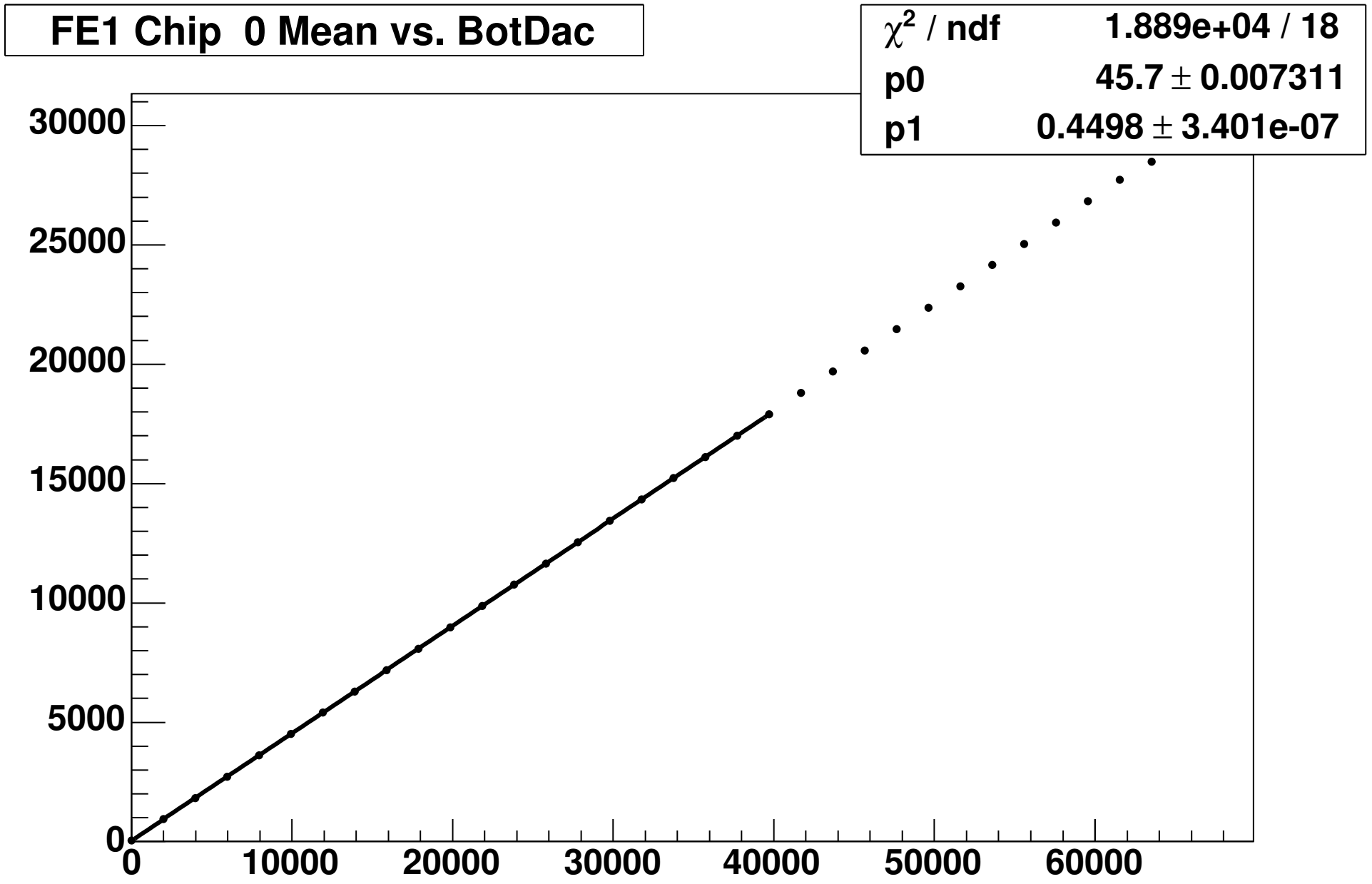
50000
60000


FE1 Chip 0 Mean vs. BotDac
χ² / ndf 1.889e+04 / 18
p0 45.7 ± 0.007311
p1 0.4498 ± 3.401e-07
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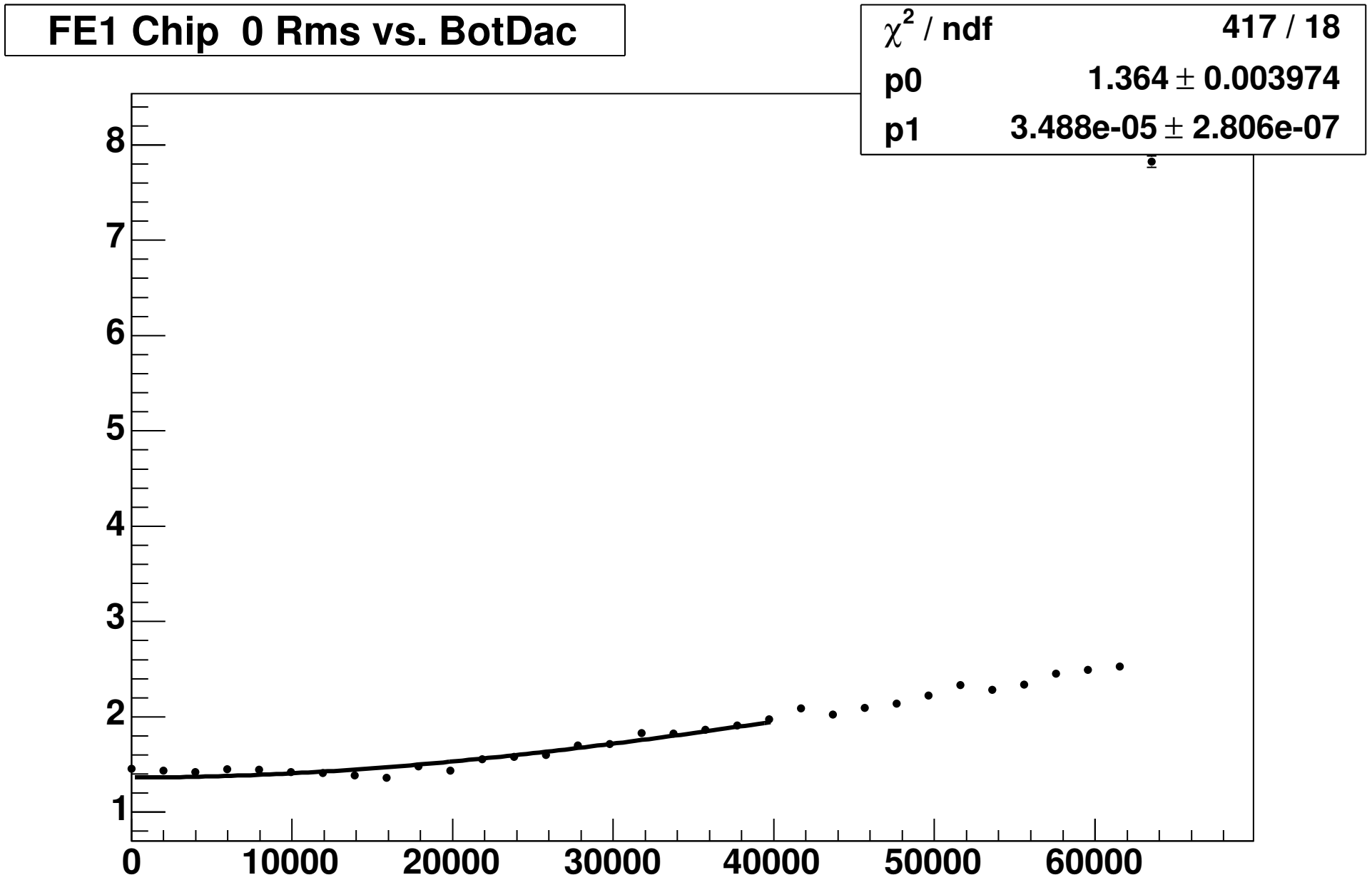
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 0 Rms vs. BotDac
χ² / ndf 417 / 18
p0 1.364 ± 0.003974
p1 3.488e-05 ± 2.806e-07
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4
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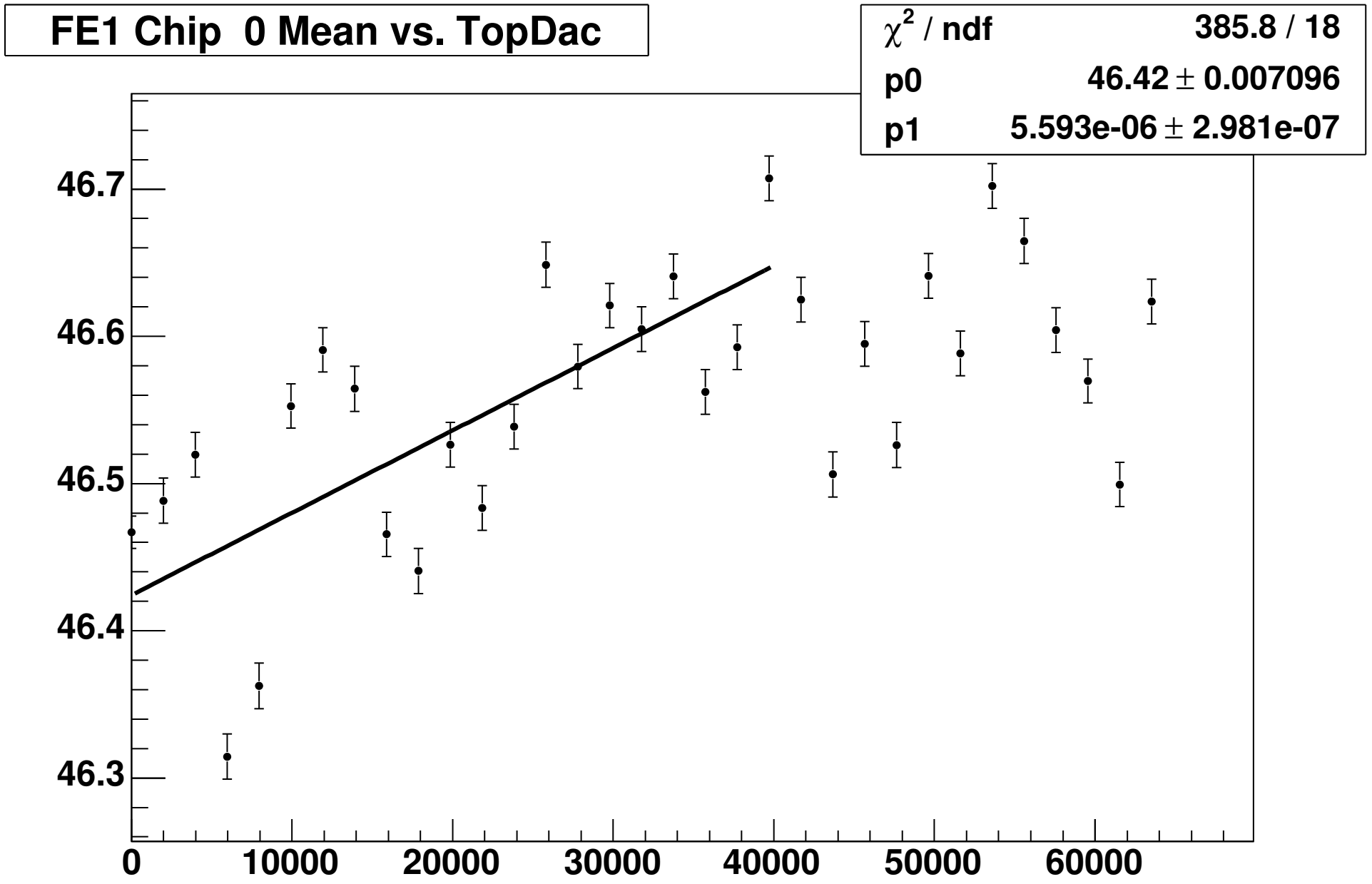
FE1 Chip 0 Mean vs. TopDac
χ² / ndf 385.8 / 18
p0 46.42 ± 0.007096
p1 5.593e-06 ± 2.981e-07
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46.6
46.5
46.4
46.3
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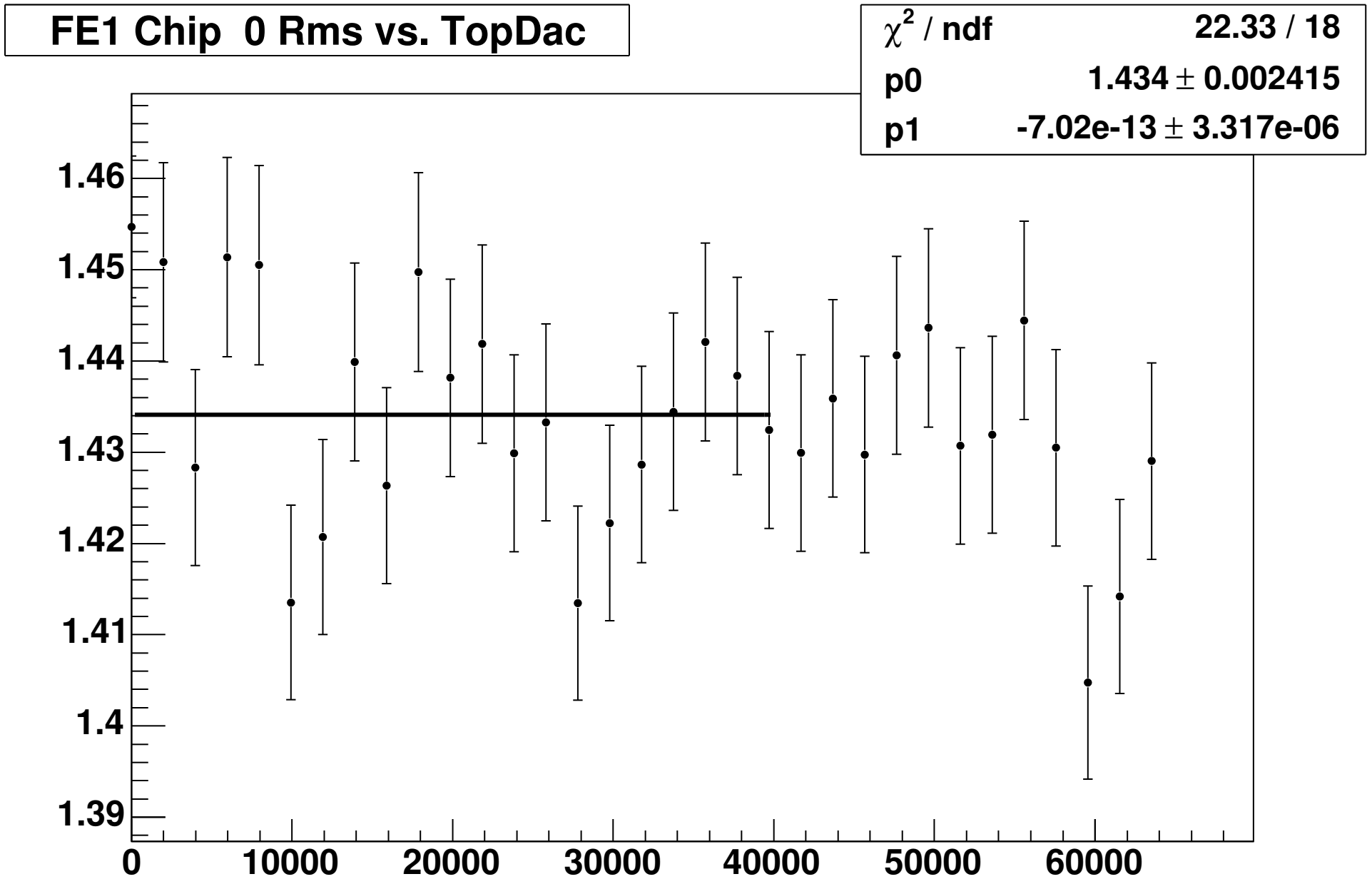
60000


FE1 Chip 0 Rms vs. TopDac
χ² / ndf 22.33 / 18
p0 1.434 ± 0.002415
p1 -7.02e-13 ± 3.317e-06
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
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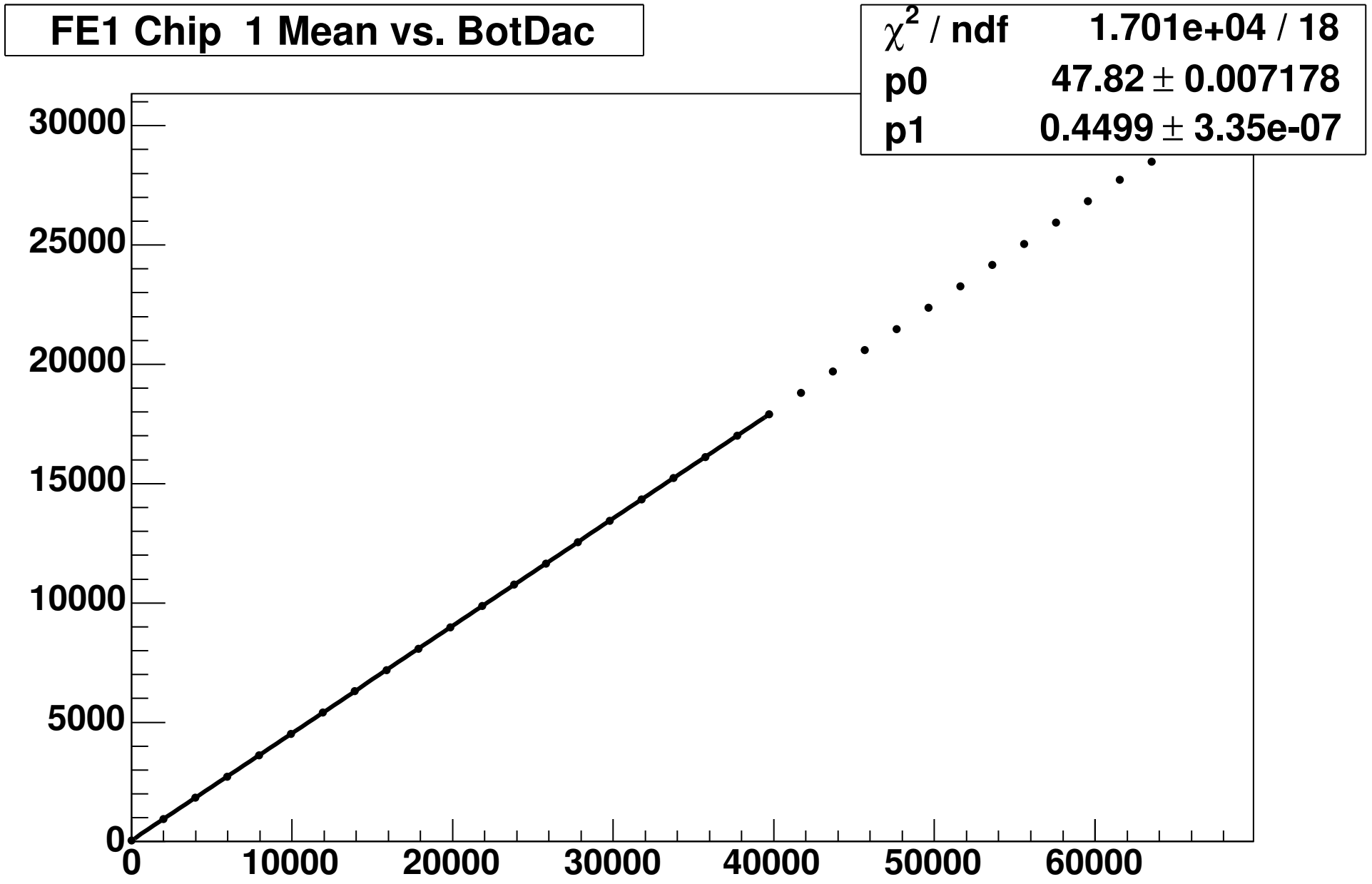
FE1 Chip 1 Mean vs. BotDac
χ² / ndf 1.701e+04 / 18
p0 47.82 ± 0.007178
p1 0.4499 ± 3.35e-07
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0
0
10000
20000
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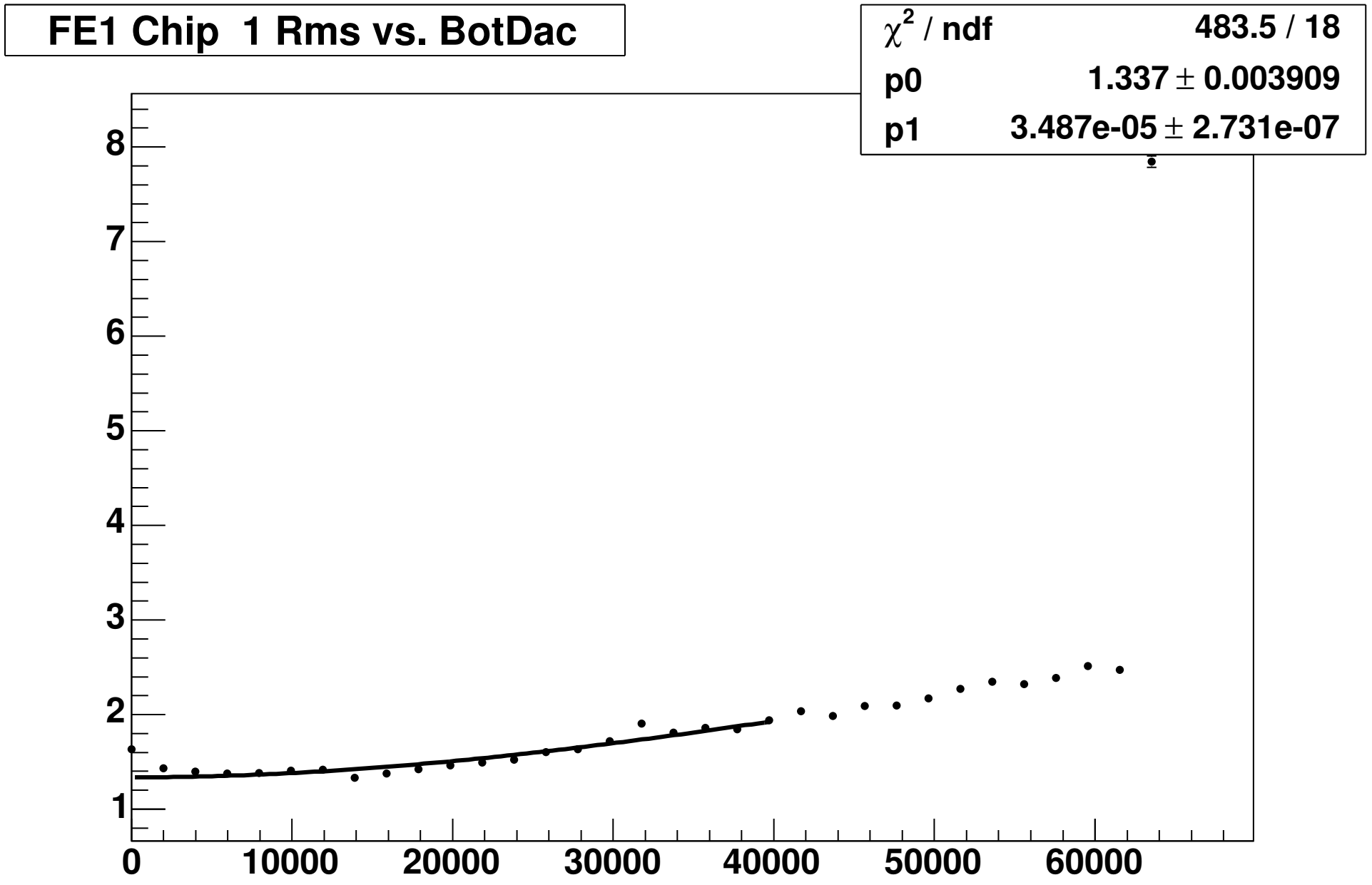
FE1 Chip 1 Rms vs. BotDac
χ² / ndf 483.5 / 18
p0 1.337 ± 0.003909
p1 3.487e-05 ± 2.731e-07
8
7
6
5
4
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1
0
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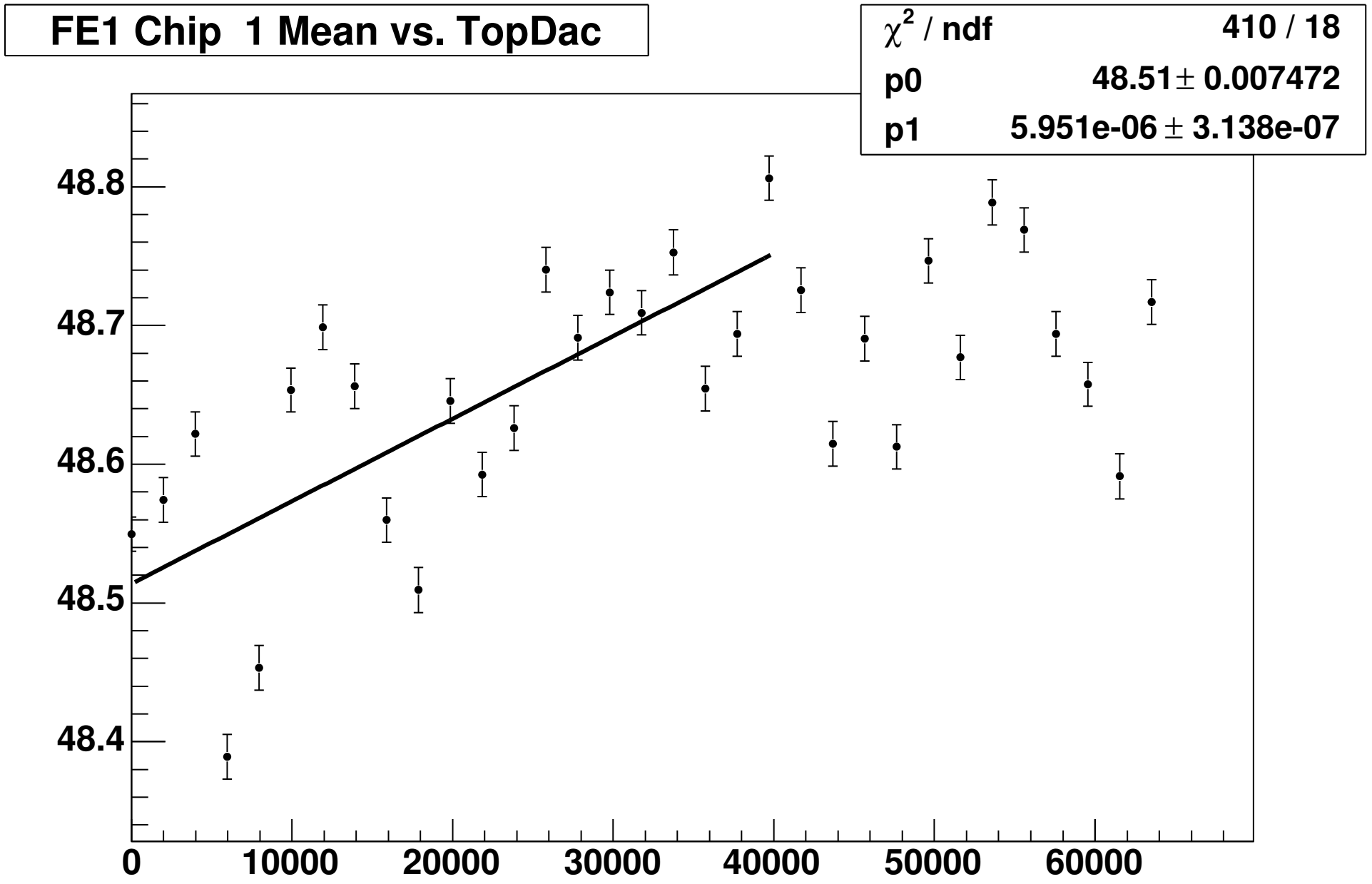
FE1 Chip 1 Mean vs. TopDac
χ² / ndf 410 / 18
p0 48.51 ± 0.007472
p1 5.951e-06 ± 3.138e-07
48.8
48.7
48.6
48.5
48.4
0
10000
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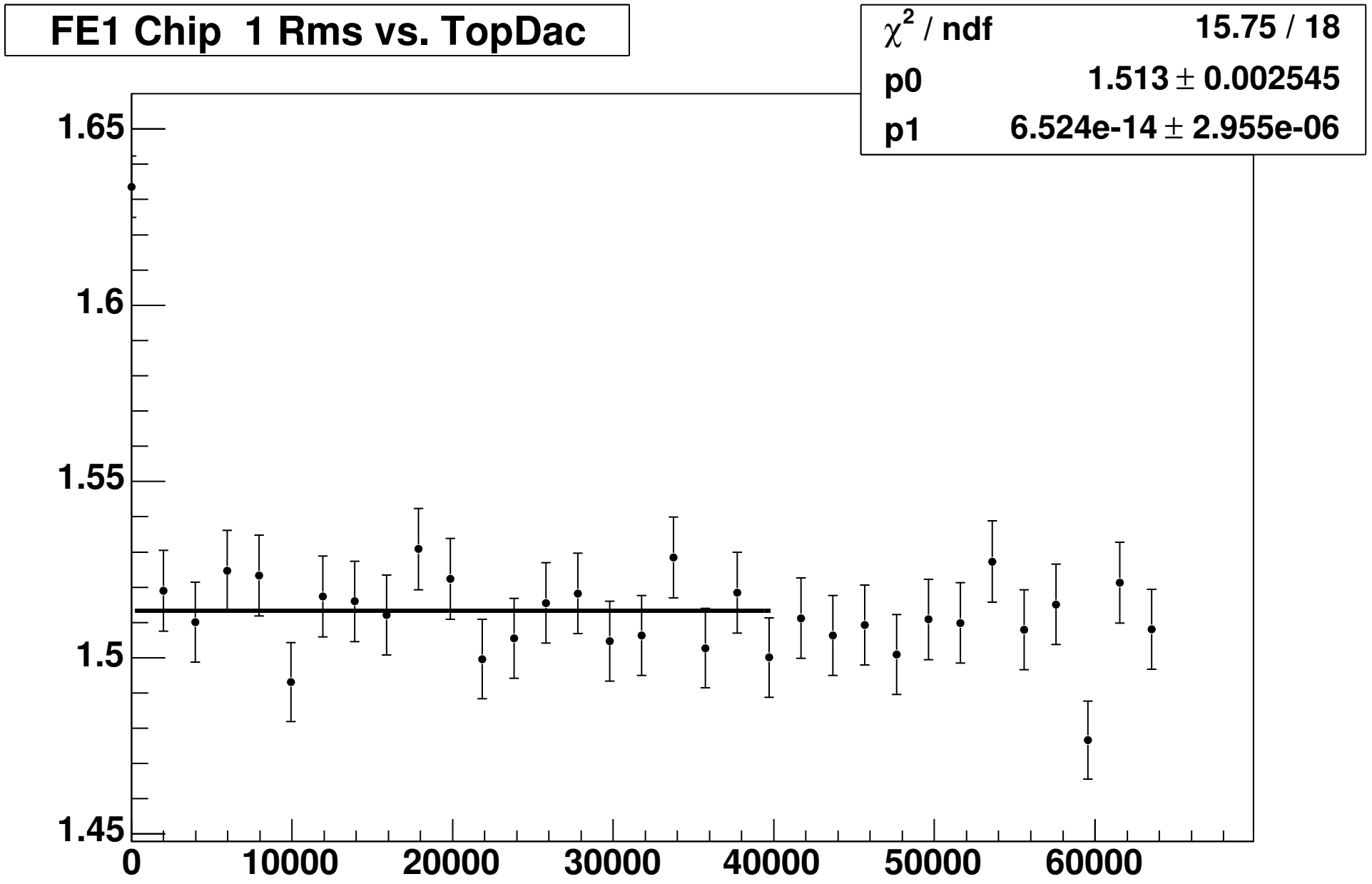
FE1 Chip 1 Rms vs. TopDac
χ² / ndf 15.75 / 18
p0 1.513 ± 0.002545
p1 6.524e-14 ± 2.955e-06
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1.6
1.55
1.5
1.45
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10000
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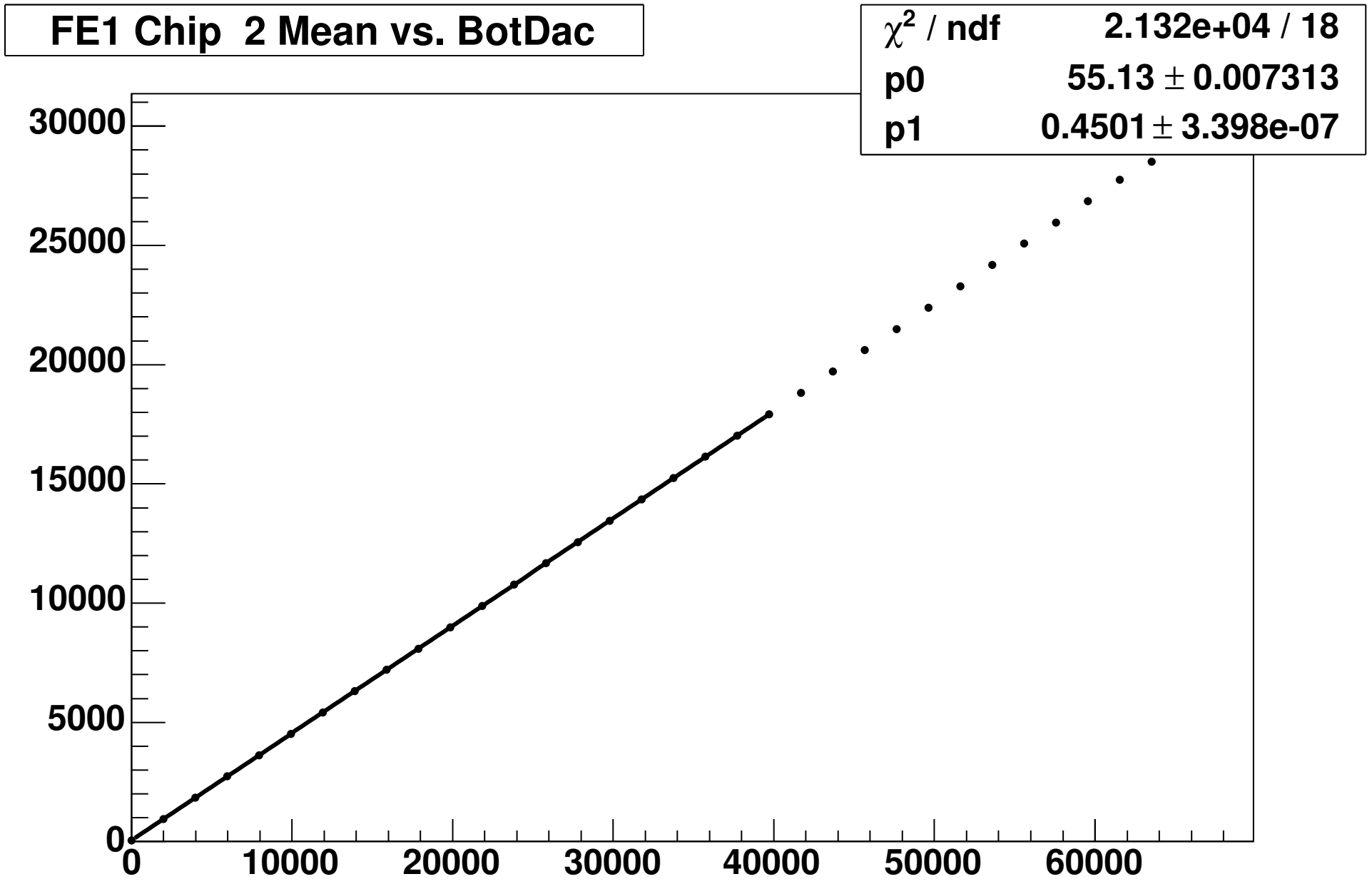
FE1 Chip 2 Mean vs. BotDac
χ² / ndf 2.132e+04 / 18
p0 55.13 ± 0.007313
p1 0.4501 ± 3.398e-07
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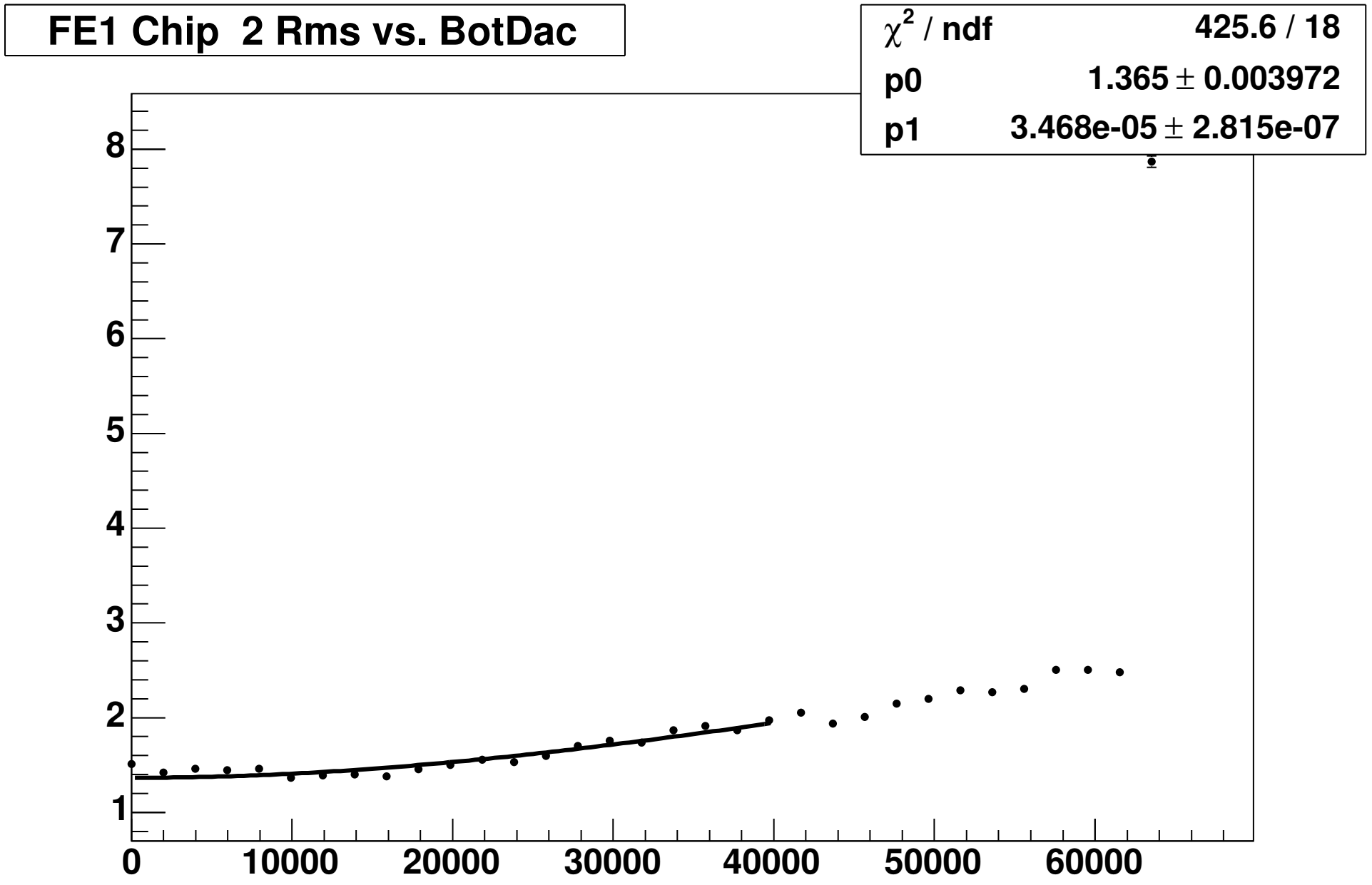
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 2 Rms vs. BotDac
χ² / ndf 425.6 / 18
p0 1.365 ± 0.003972
p1 3.468e-05 ± 2.815e-07
8
7
6
5
4
3
2
1
0
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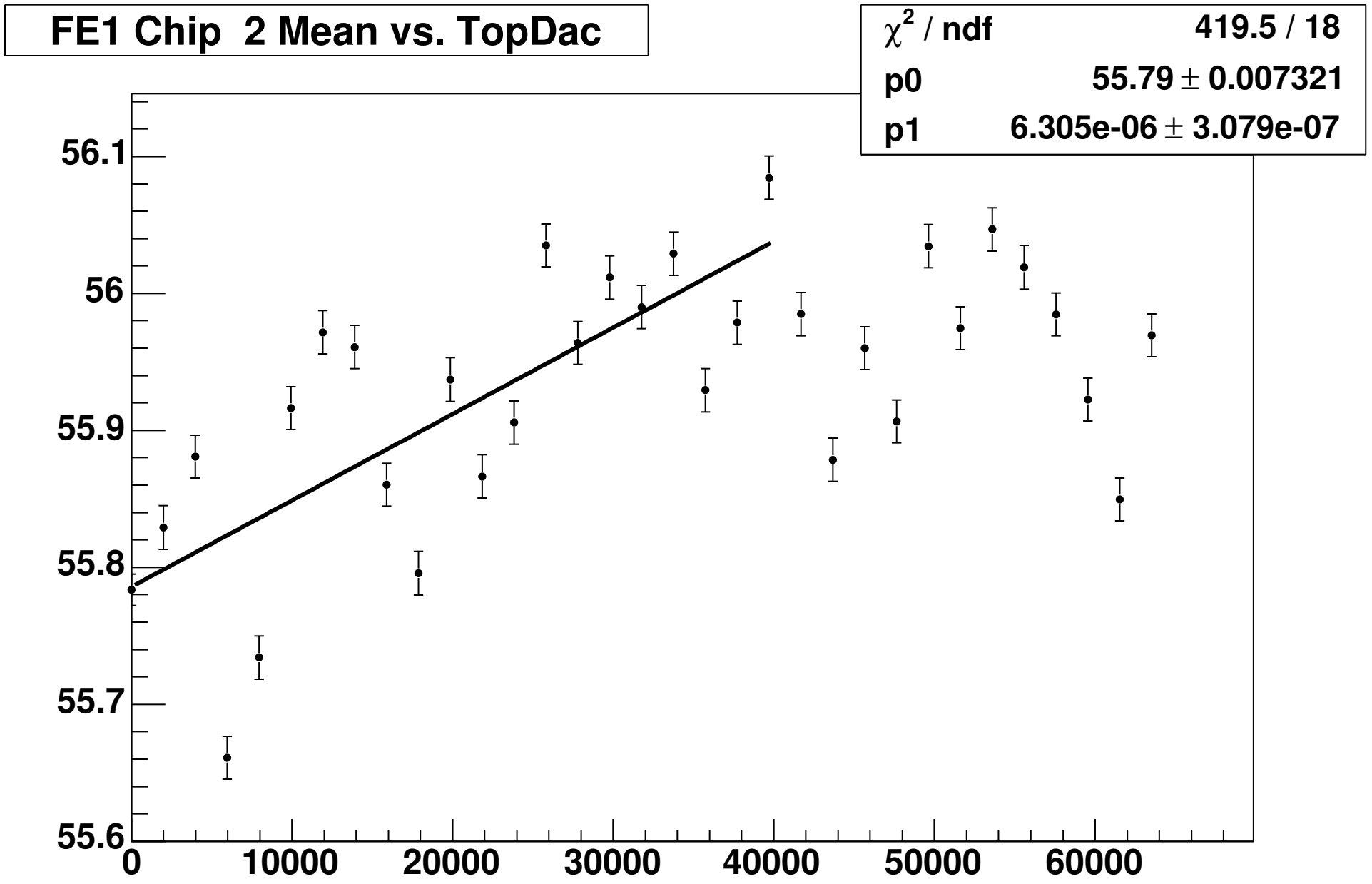
FE1 Chip 2 Mean vs. TopDac
χ² / ndf 419.5 / 18
p0 55.79 ± 0.007321
p1 6.305e-06 ± 3.079e-07
56.1
56
55.9
55.8
55.7
55.6
0
10000
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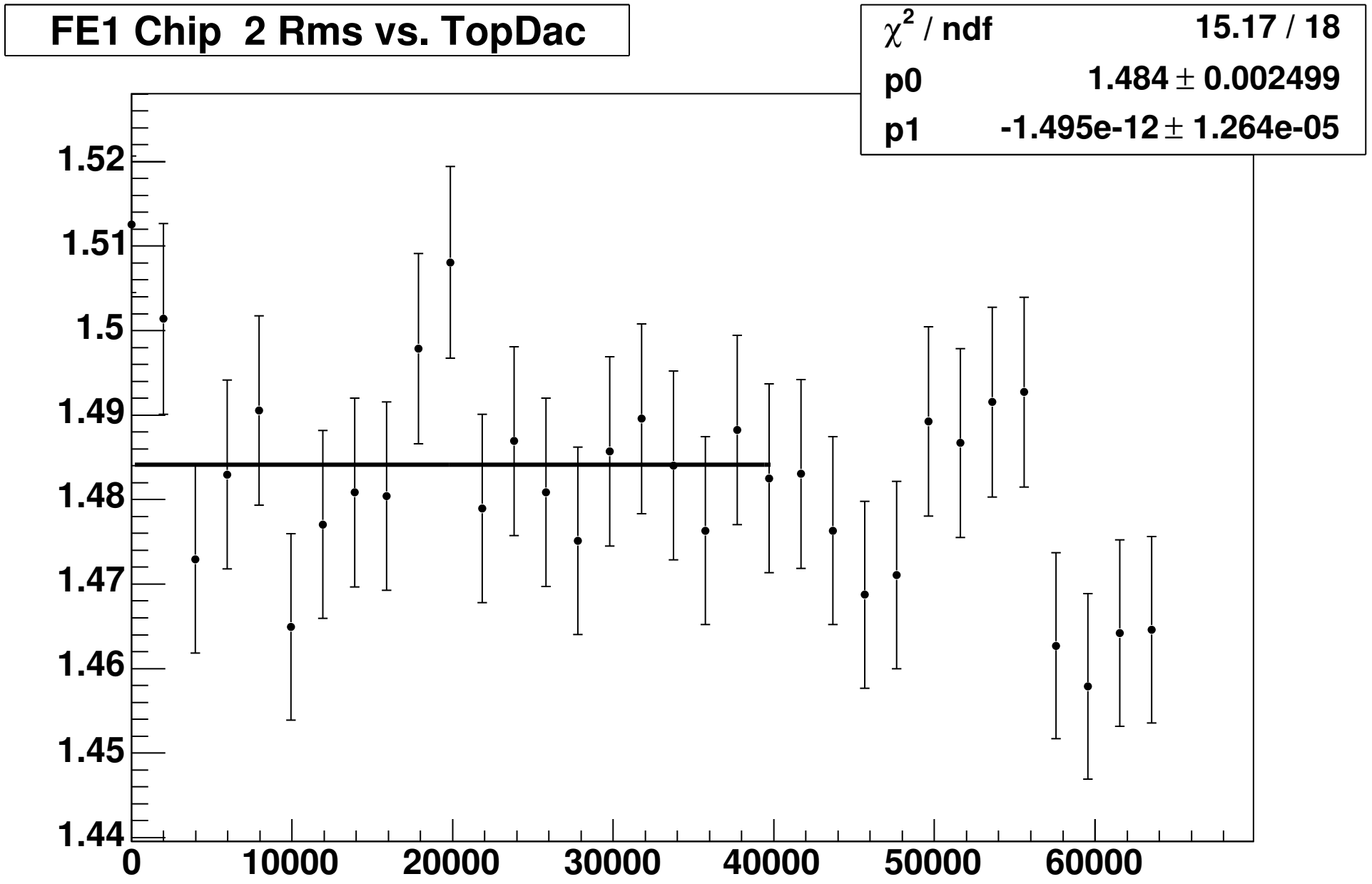
FE1 Chip 2 Rms vs. TopDac
χ² / ndf 15.17 / 18
p0 1.484 ± 0.002499
p1 -1.495e-12 ± 1.264e-05
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
20000
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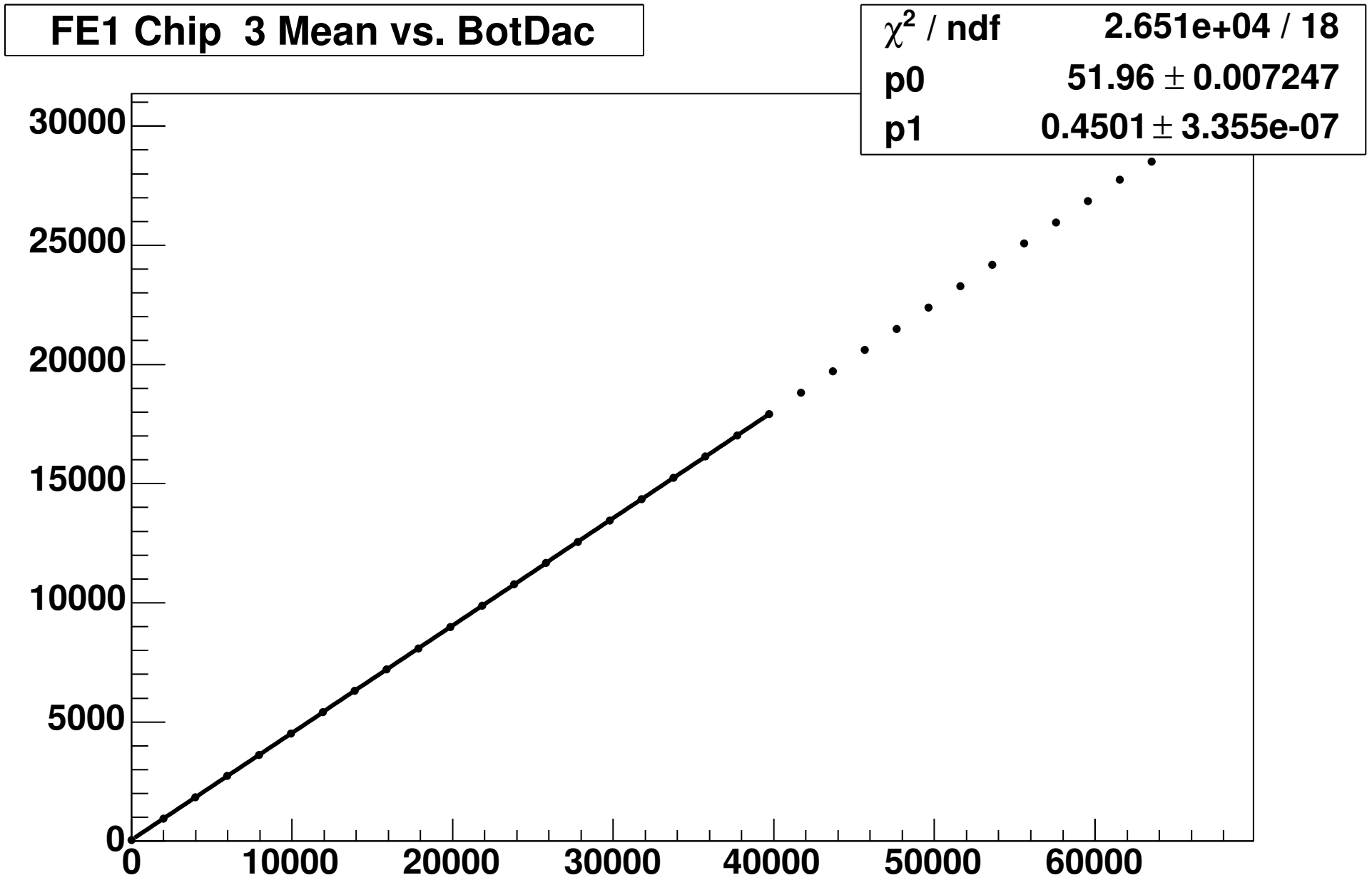
50000
60000


FE1 Chip 3 Mean vs. BotDac
χ² / ndf 2.651e+04 / 18
p0 51.96 ± 0.007247
p1 0.4501 ± 3.355e-07
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25000
20000
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10000
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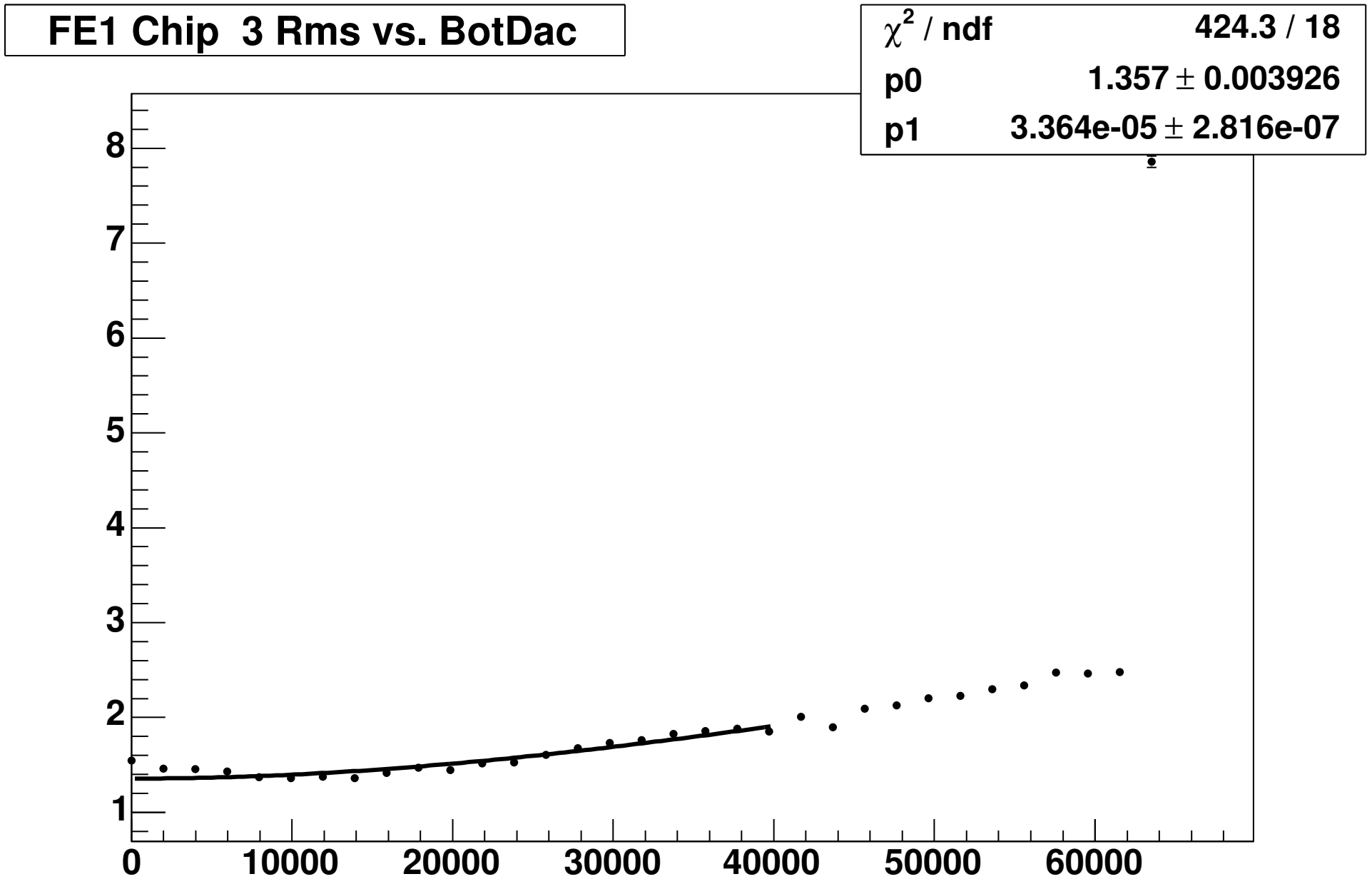
0
10000
20000
30000
40000
50000
60000


FE1 Chip 3 Rms vs. BotDac
χ² / ndf 424.3 / 18
p0 1.357 ± 0.003926
p1 3.364e-05 ± 2.816e-07
8
7
6
5
4
3
2
1
0
10000
20000
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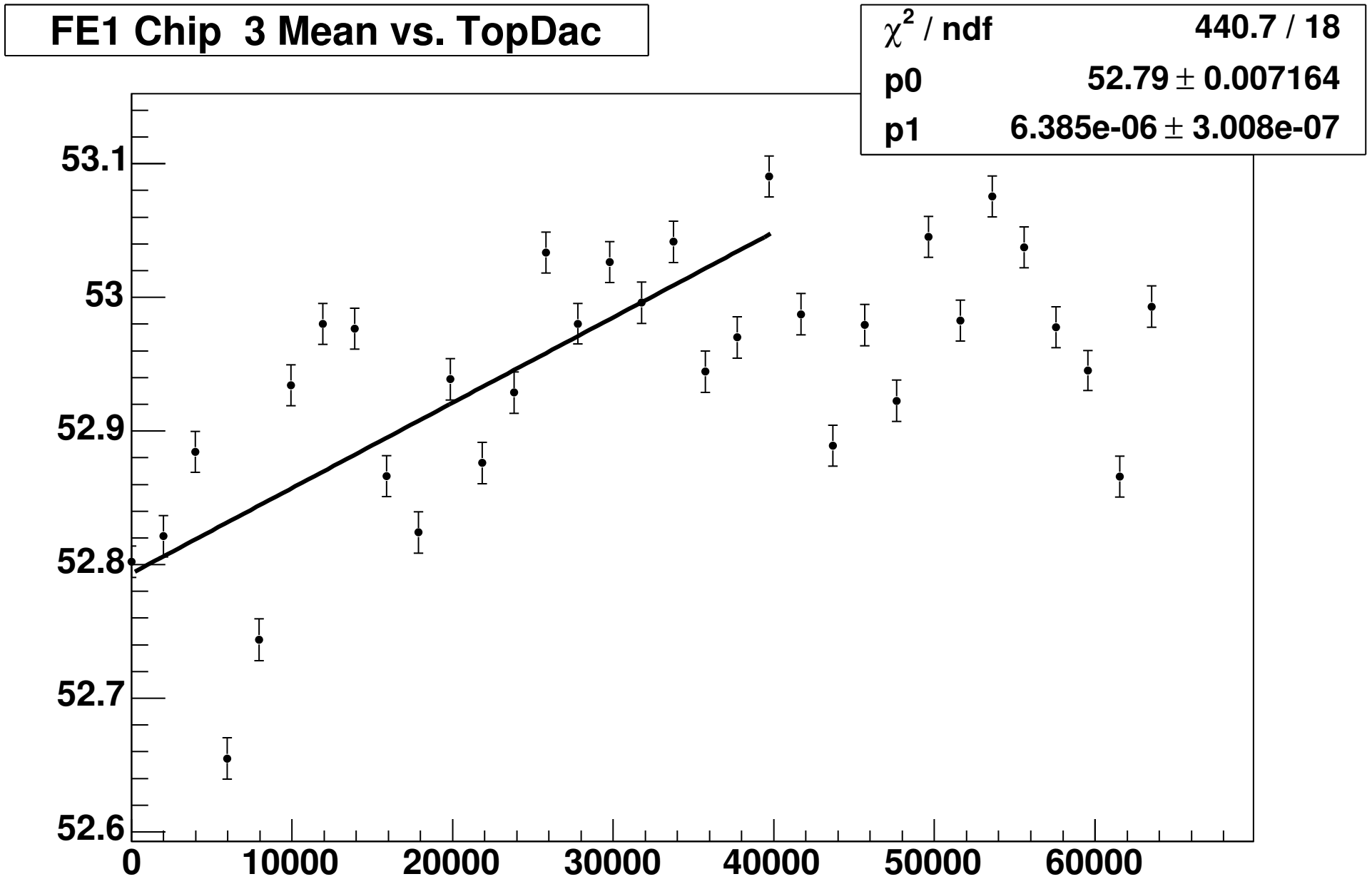
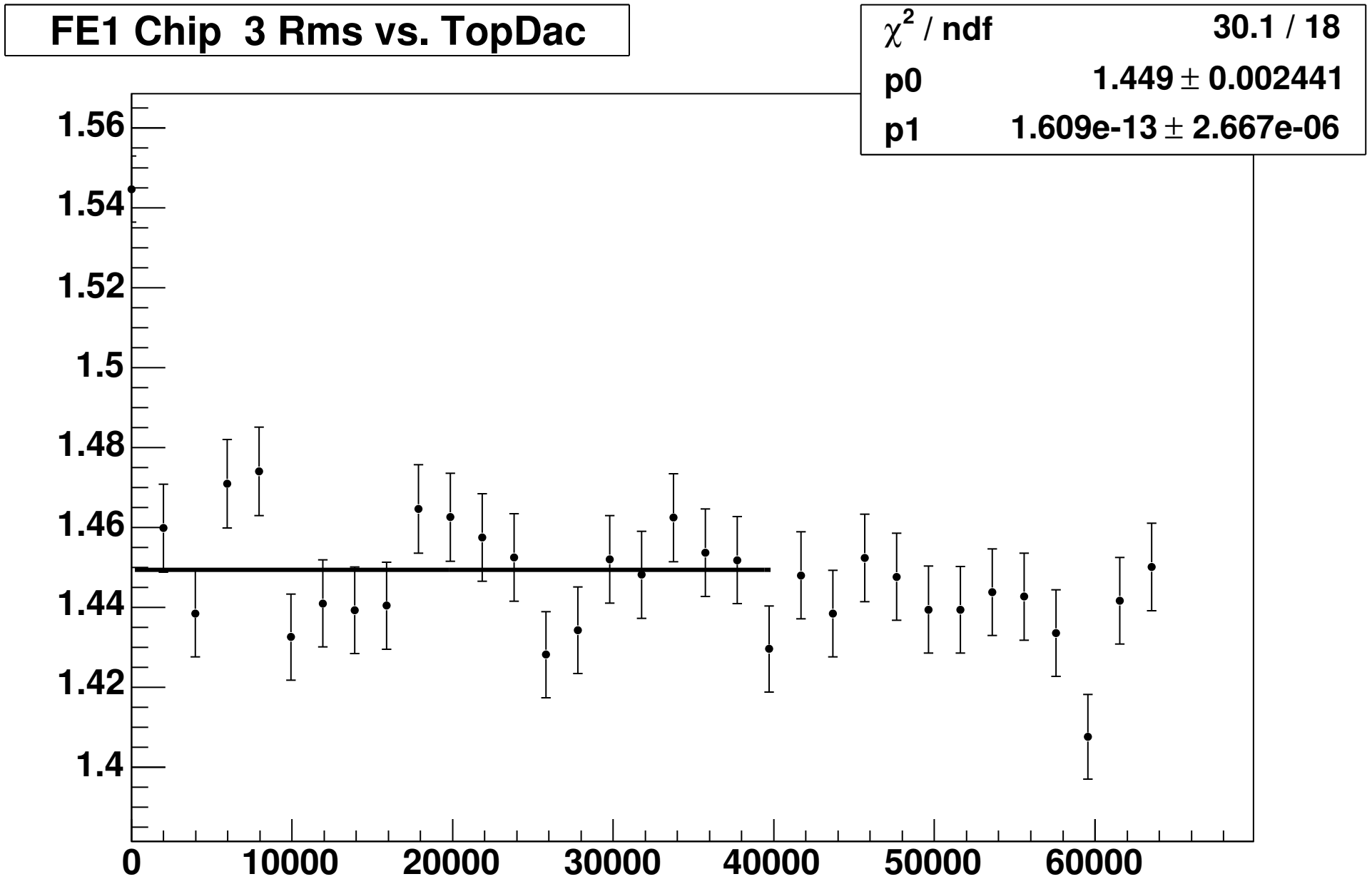
40000
50000
60000


FE1 Chip 3 Mean vs. TopDac
χ² / ndf 440.7 / 18
p0 52.79 ± 0.007164
p1 6.385e-06 ± 3.008e-07
53.1
53
52.9
52.8
52.7
52.6
0
10000
20000
30000
40000
50000
60000


FE1 Chip 3 Rms vs. TopDac
χ² / ndf 30.1 / 18
p0 1.449 ± 0.002441
p1 1.609e-13 ± 2.667e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
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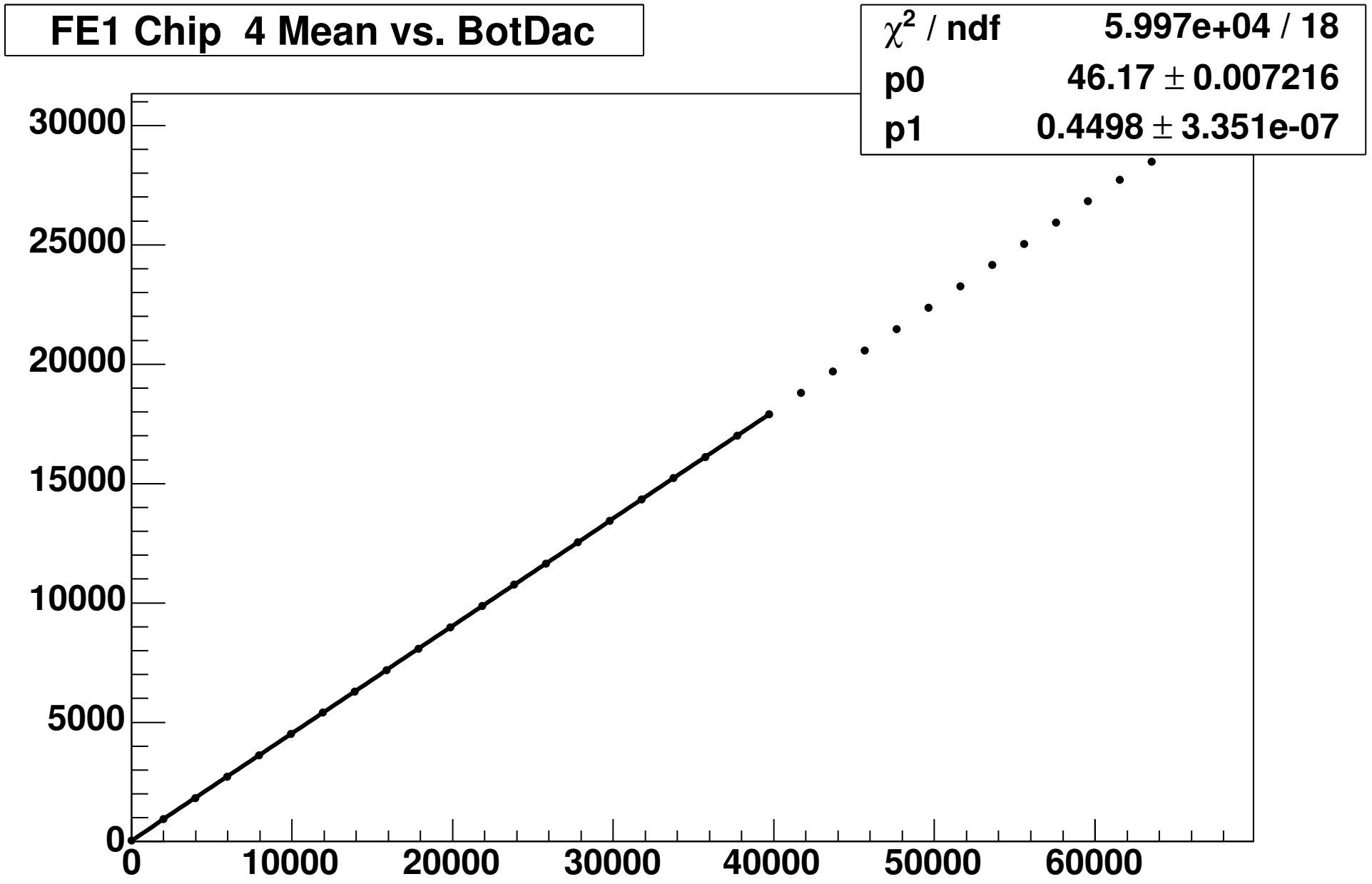
FE1 Chip 4 Mean vs. BotDac
χ² / ndf 5.997e+04 / 18
p0 46.17 ± 0.007216
p1 0.4498 ± 3.351e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
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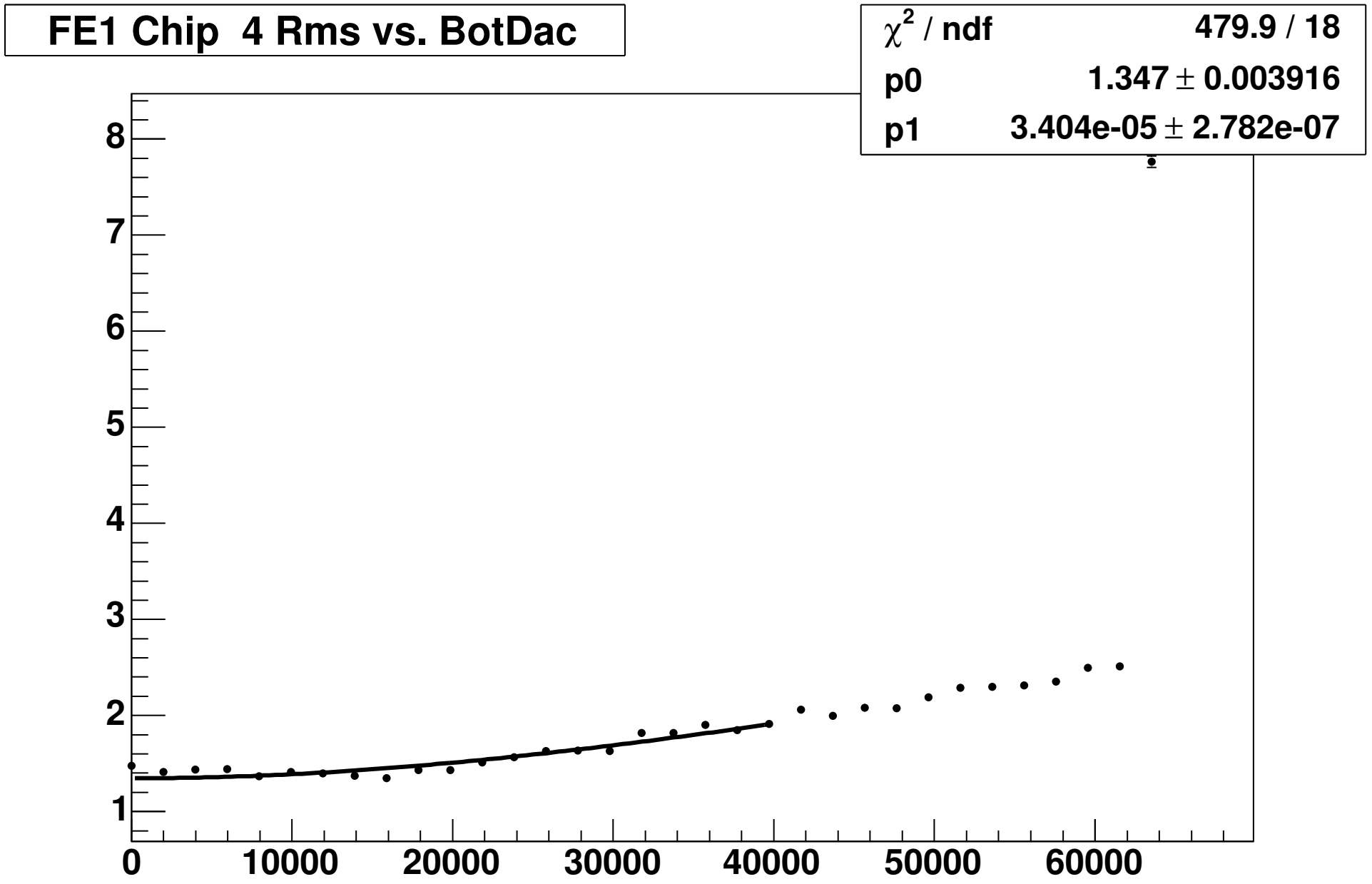
50000
60000


FE1 Chip 4 Rms vs. BotDac
χ² / ndf 479.9 / 18
p0 1.347 ± 0.003916
p1 3.404e-05 ± 2.782e-07
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7
6
5
4
3
2
1
0
10000
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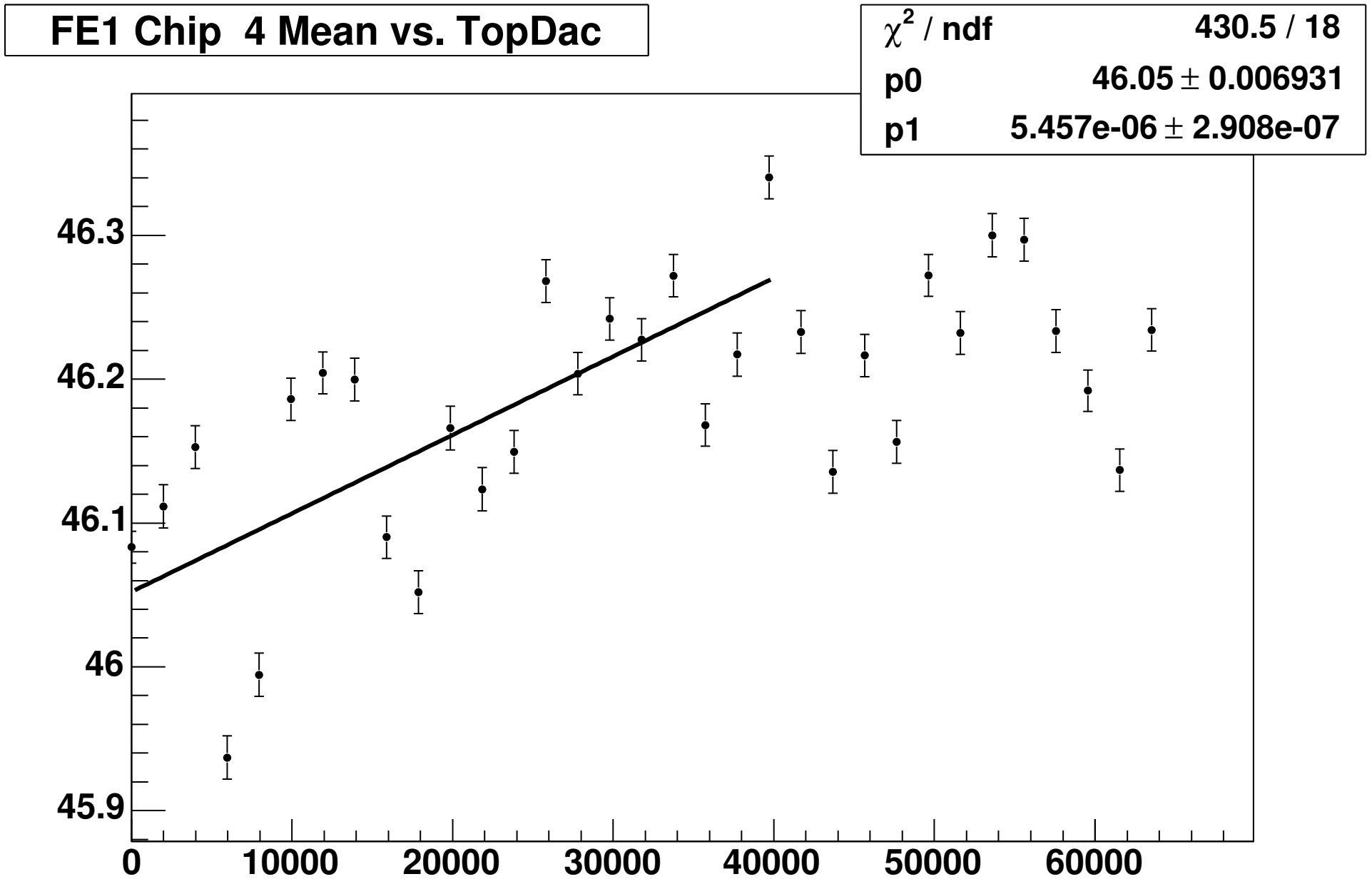
40000
50000
60000


FE1 Chip 4 Mean vs. TopDac
χ^2 / ndf 430.5 / 18
p0 46.05 ± 0.006931
p1 5.457e-06 ± 2.908e-07
46.3
46.2
46.1
46
45.9
0
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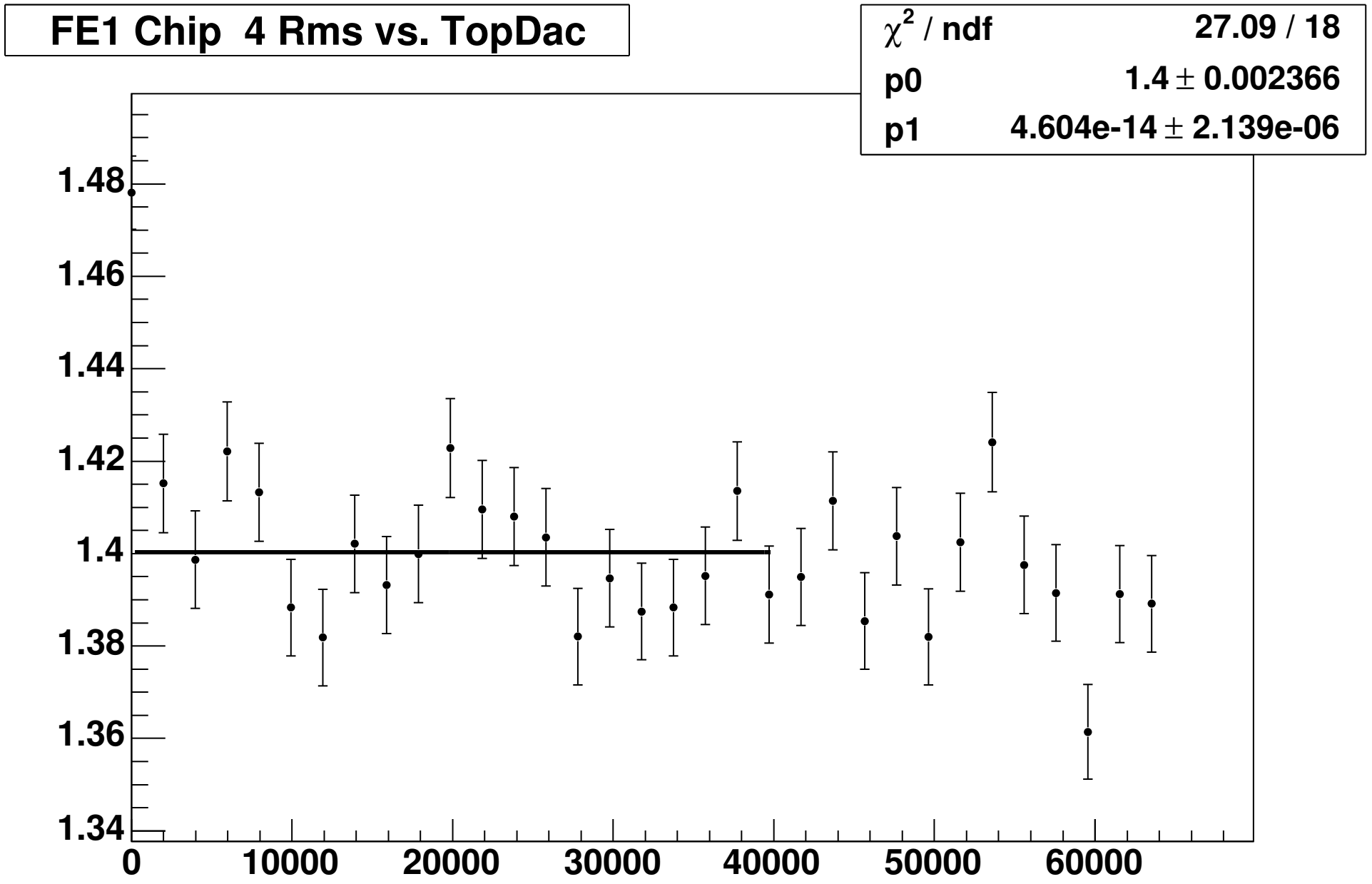
60000


FE1 Chip 4 Rms vs. TopDac
χ² / ndf 27.09 / 18
p0 1.4 ± 0.002366
p1 4.604e-14 ± 2.139e-06
1.48
1.46
1.44
1.42
1.4
1.38
1.36
1.34
0
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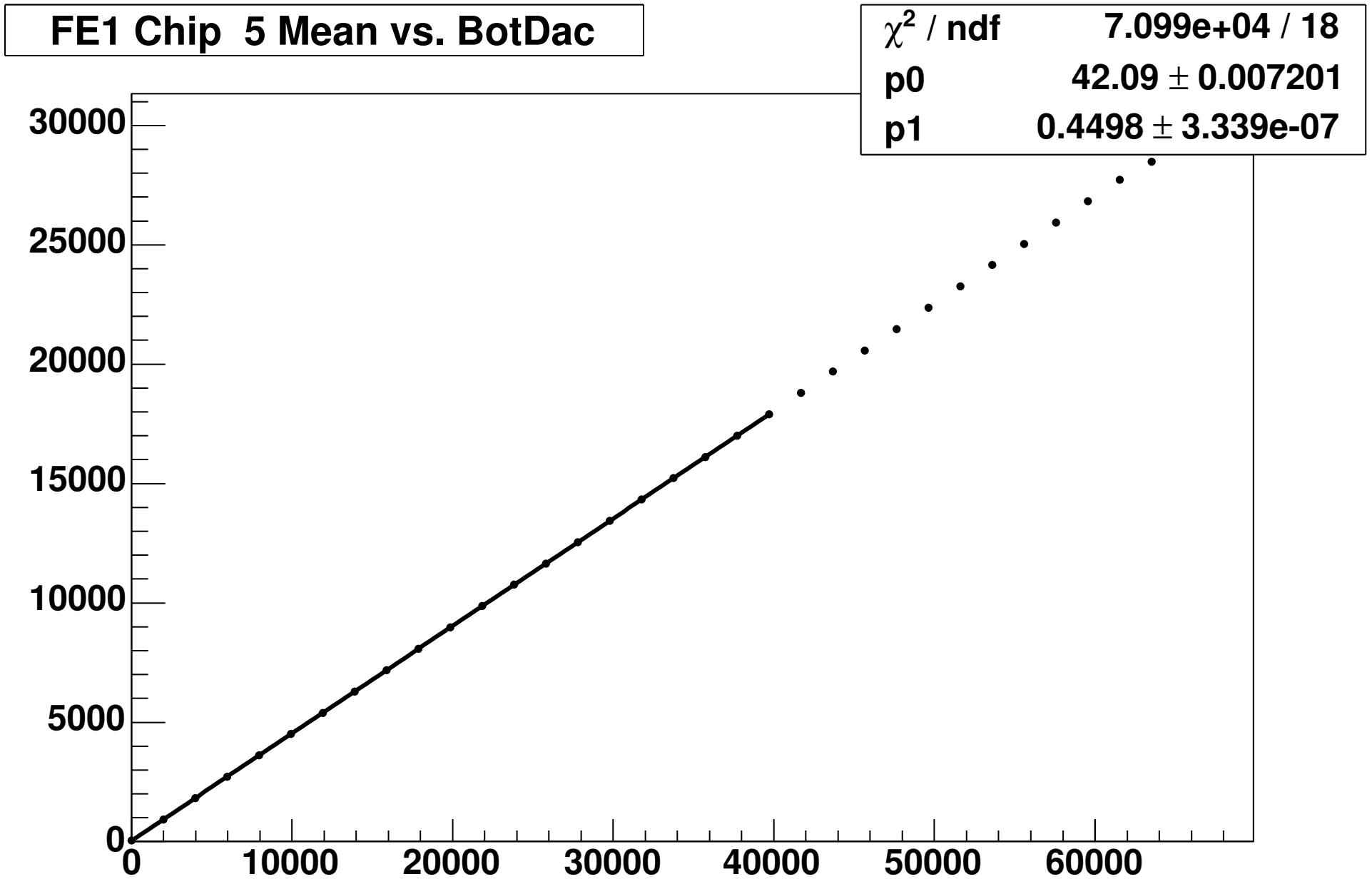
FE1 Chip 5 Mean vs. BotDac
χ² / ndf 7.099e+04 / 18
p0 42.09 ± 0.007201
p1 0.4498 ± 3.339e-07
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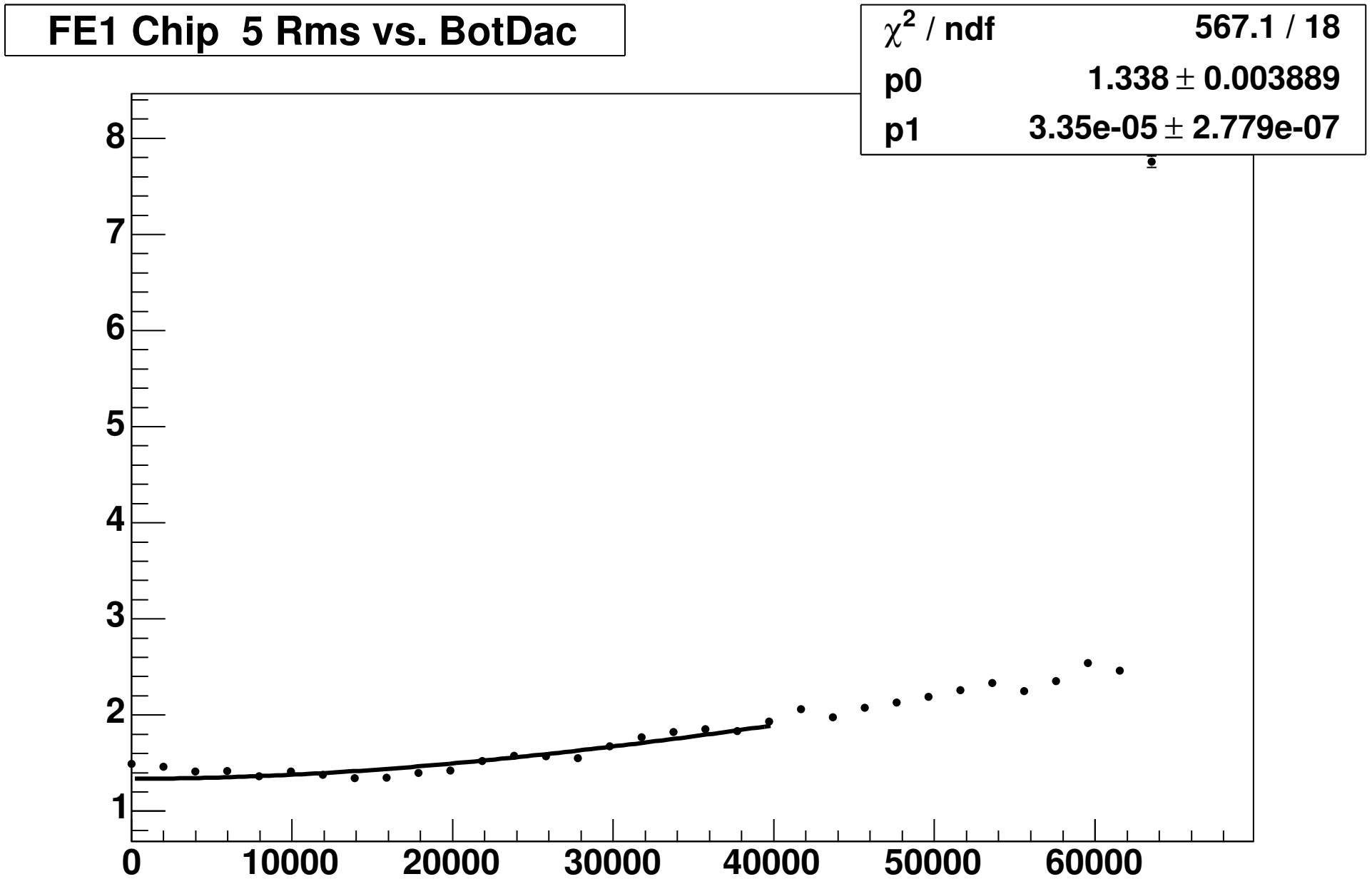
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 5 Rms vs. BotDac
χ² / ndf 567.1 / 18
p0 1.338 ± 0.003889
p1 3.35e-05 ± 2.779e-07
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7
6
5
4
3
2
1
0
10000
20000
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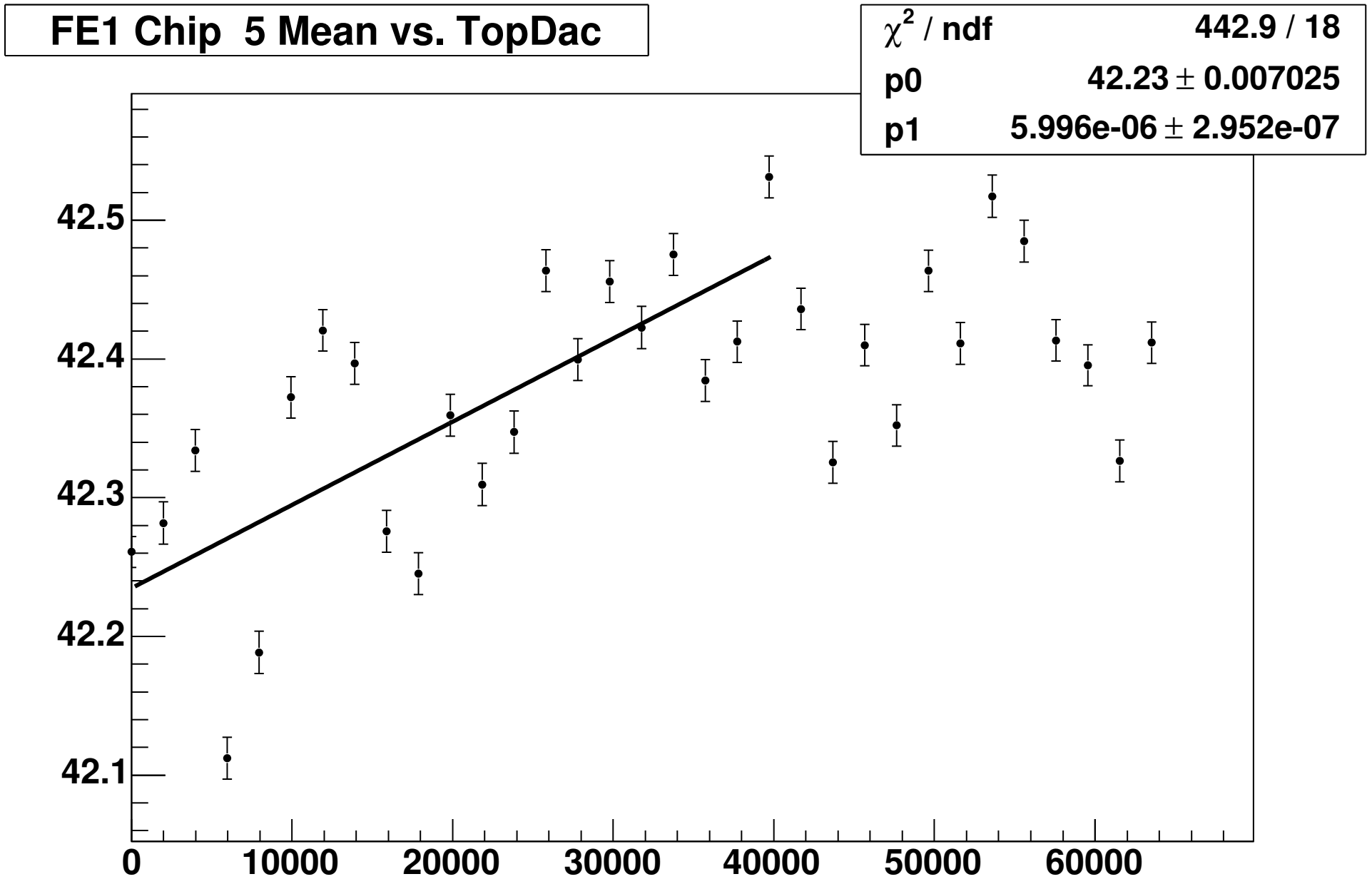
40000
50000
60000


FE1 Chip 5 Mean vs. TopDac
χ² / ndf 442.9 / 18
p0 42.23 ± 0.007025
p1 5.996e-06 ± 2.952e-07
42.5
42.4
42.3
42.2
42.1
0
10000
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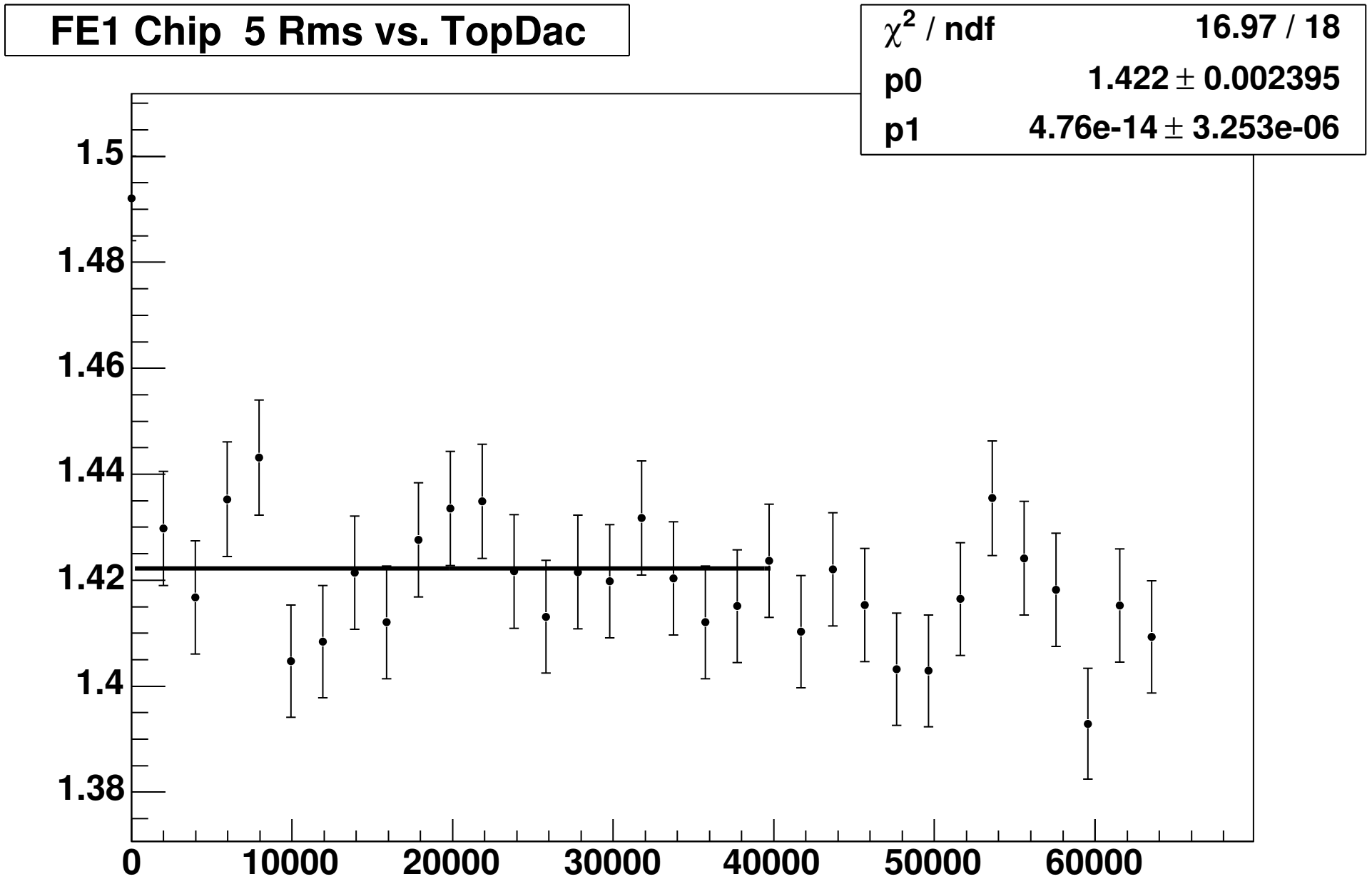
60000


FE1 Chip 5 Rms vs. TopDac
χ² / ndf 16.97 / 18
p0 1.422 ± 0.002395
p1 4.76e-14 ± 3.253e-06
1.5
1.48
1.46
1.44
1.42
1.4
1.38
0
10000
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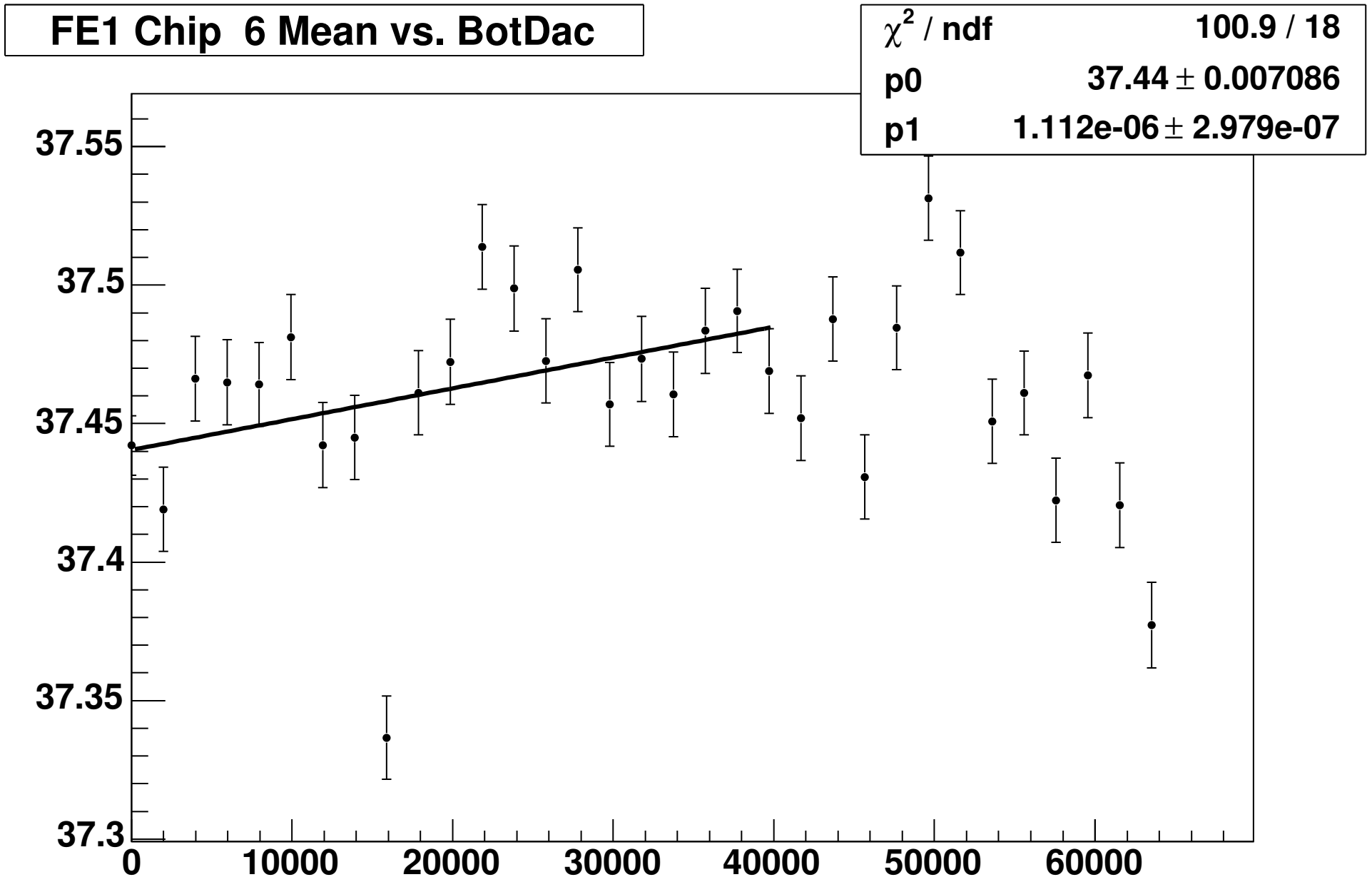
30000
40000
50000
60000


FE1 Chip 6 Mean vs. BotDac
χ² / ndf 100.9 / 18
p0 37.44 ± 0.007086
p1 1.112e-06 ± 2.979e-07
37.55
37.5
37.45
37.4
37.35
37.3
0
10000
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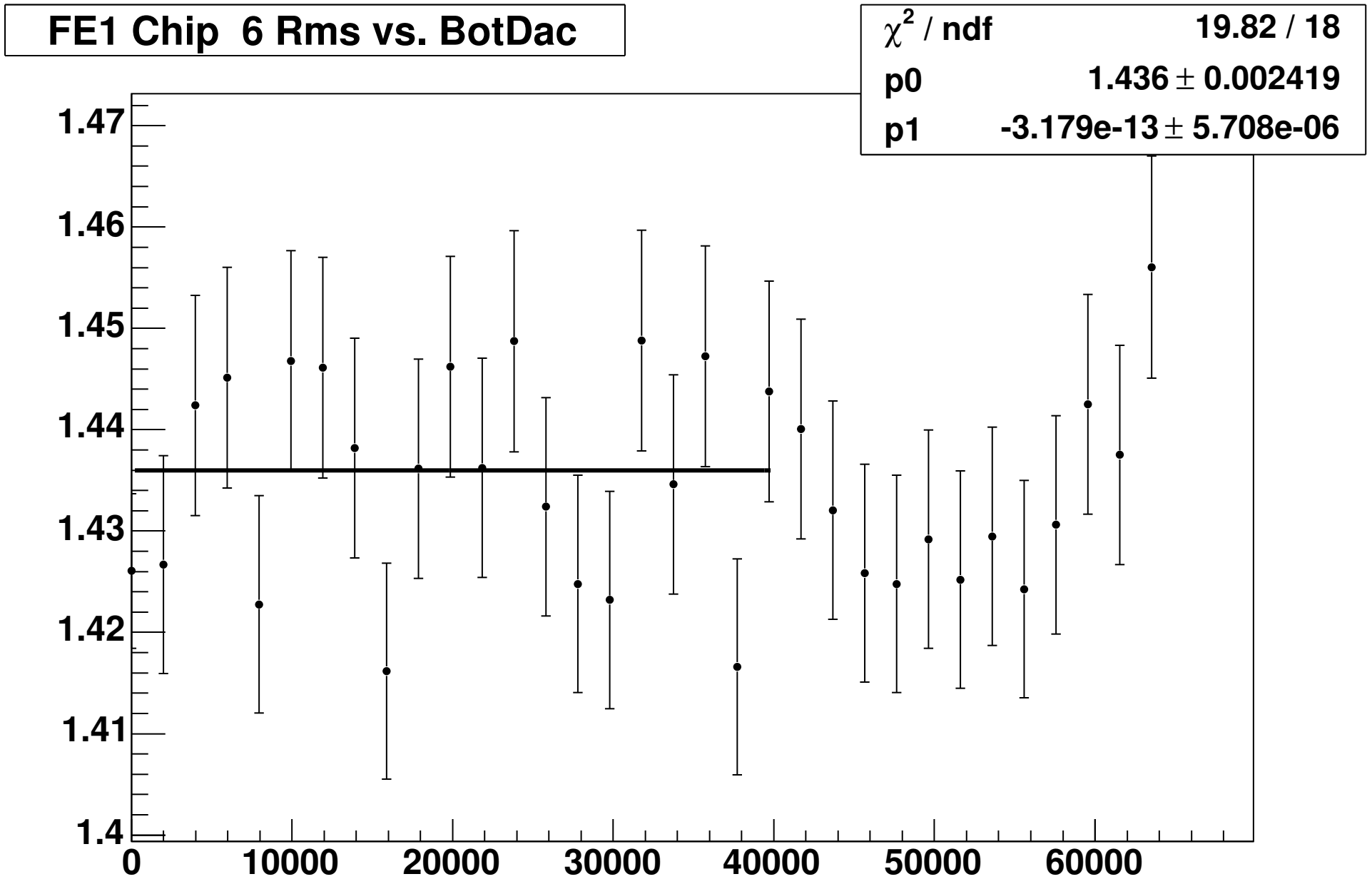
30000
40000
50000
60000


FE1 Chip 6 Rms vs. BotDac
χ² / ndf 19.82 / 18
p0 1.436 ± 0.002419
p1 -3.179e-13 ± 5.708e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
0
10000
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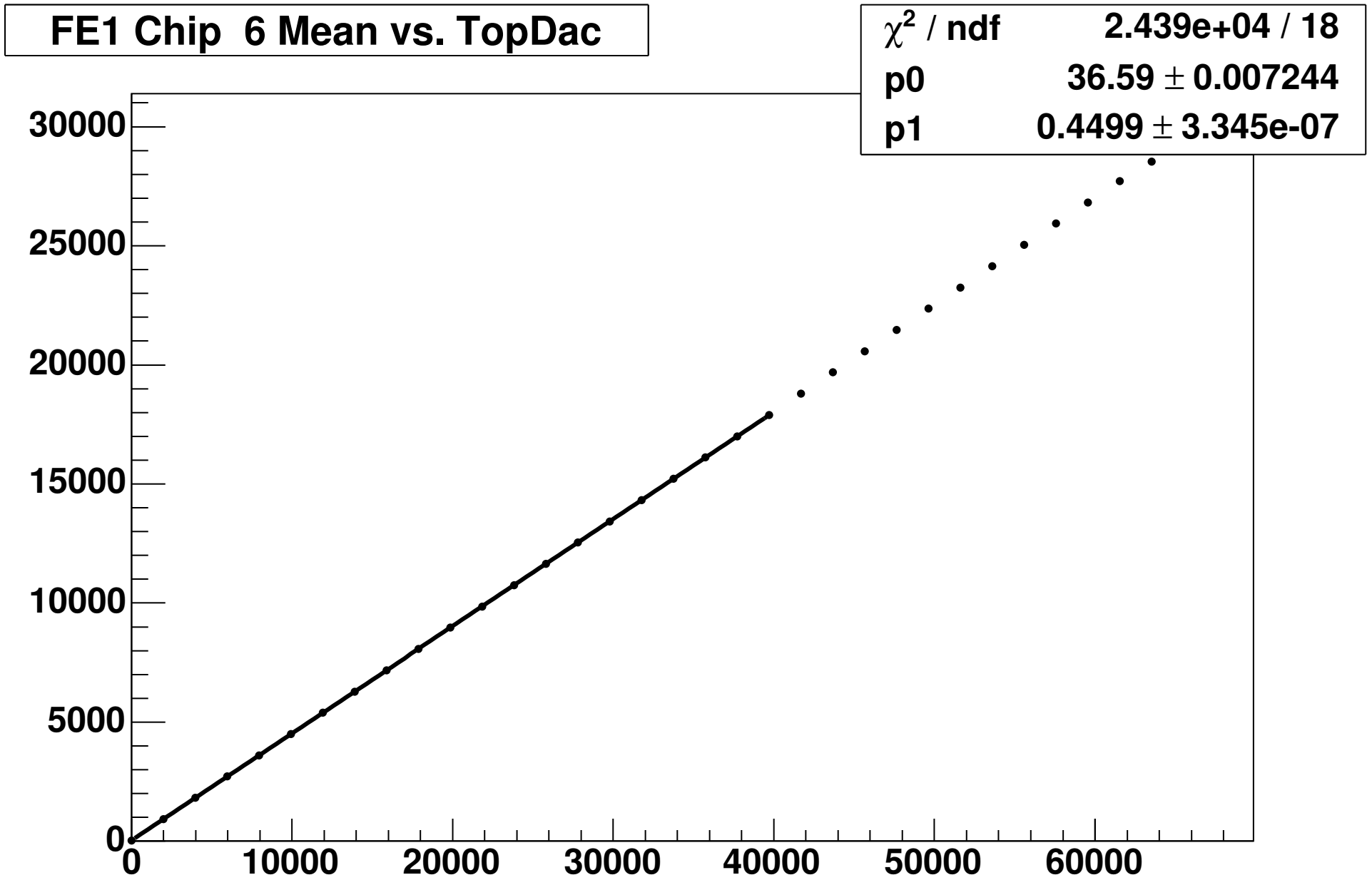
30000
40000
50000
60000


FE1 Chip 6 Mean vs. TopDac
χ² / ndf 2.439e+04 / 18
p0 36.59 ± 0.007244
p1 0.4499 ± 3.345e-07
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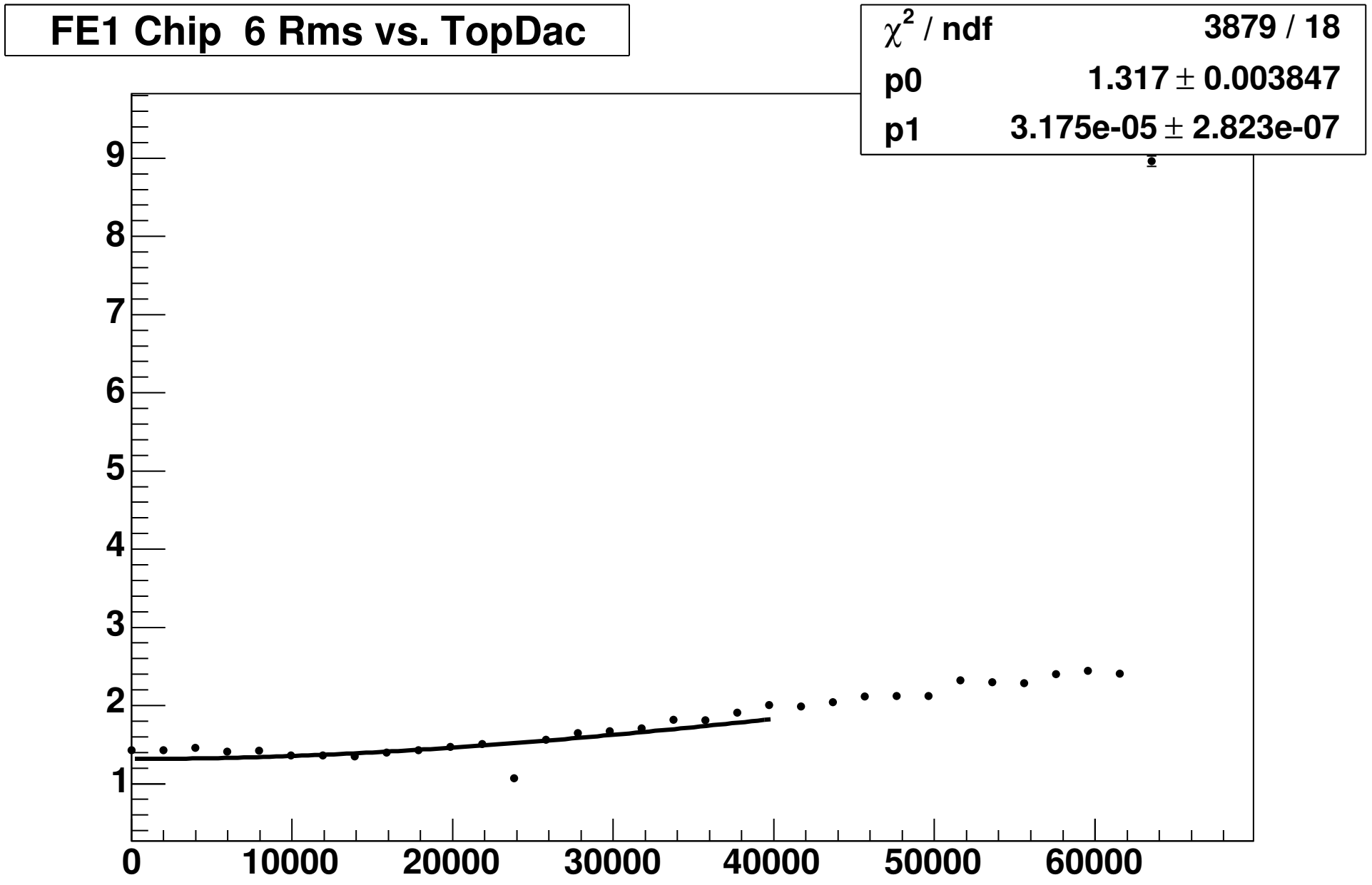
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 6 Rms vs. TopDac
χ² / ndf 3879 / 18
p0 1.317 ± 0.003847
p1 3.175e-05 ± 2.823e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
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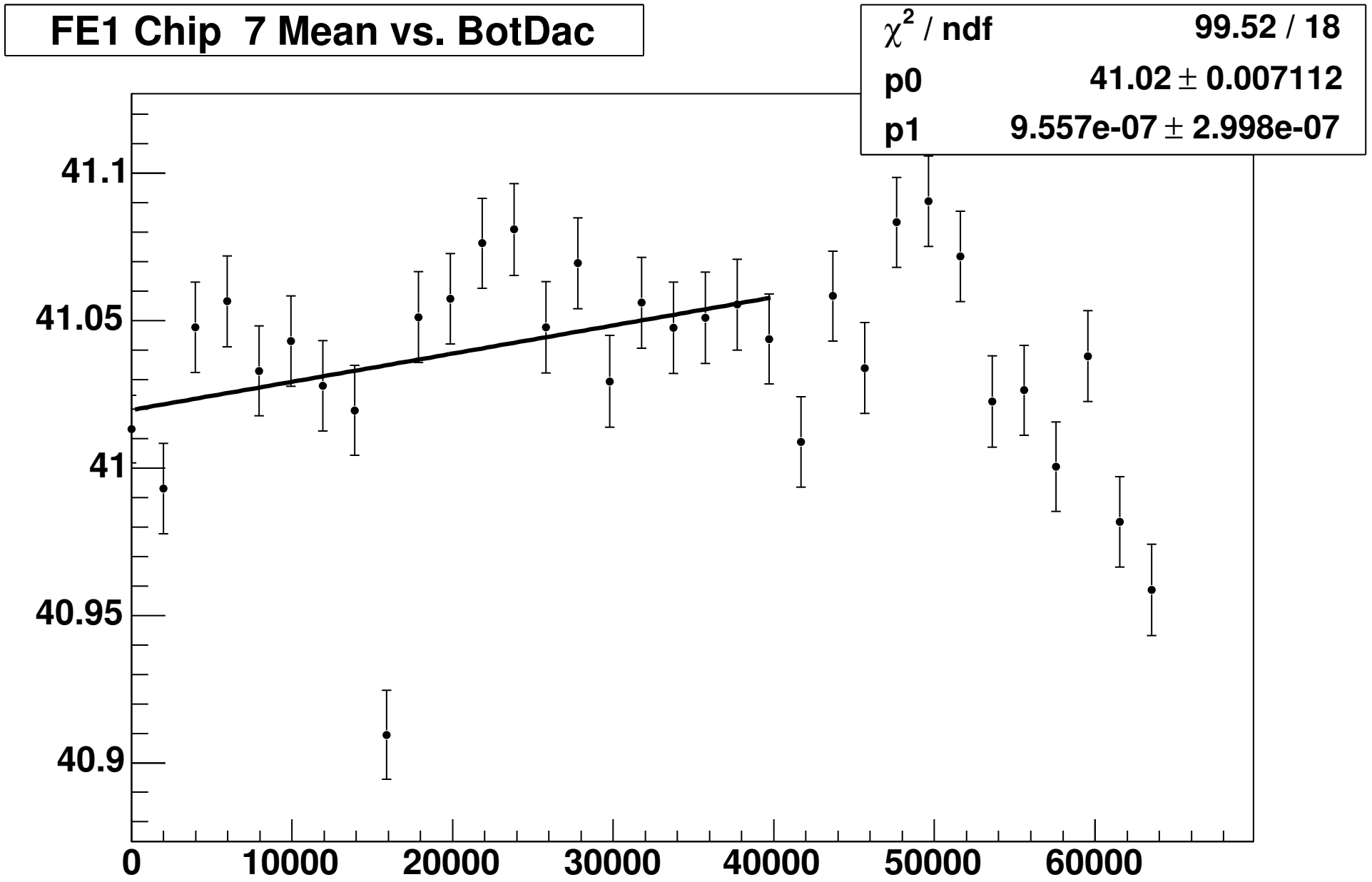
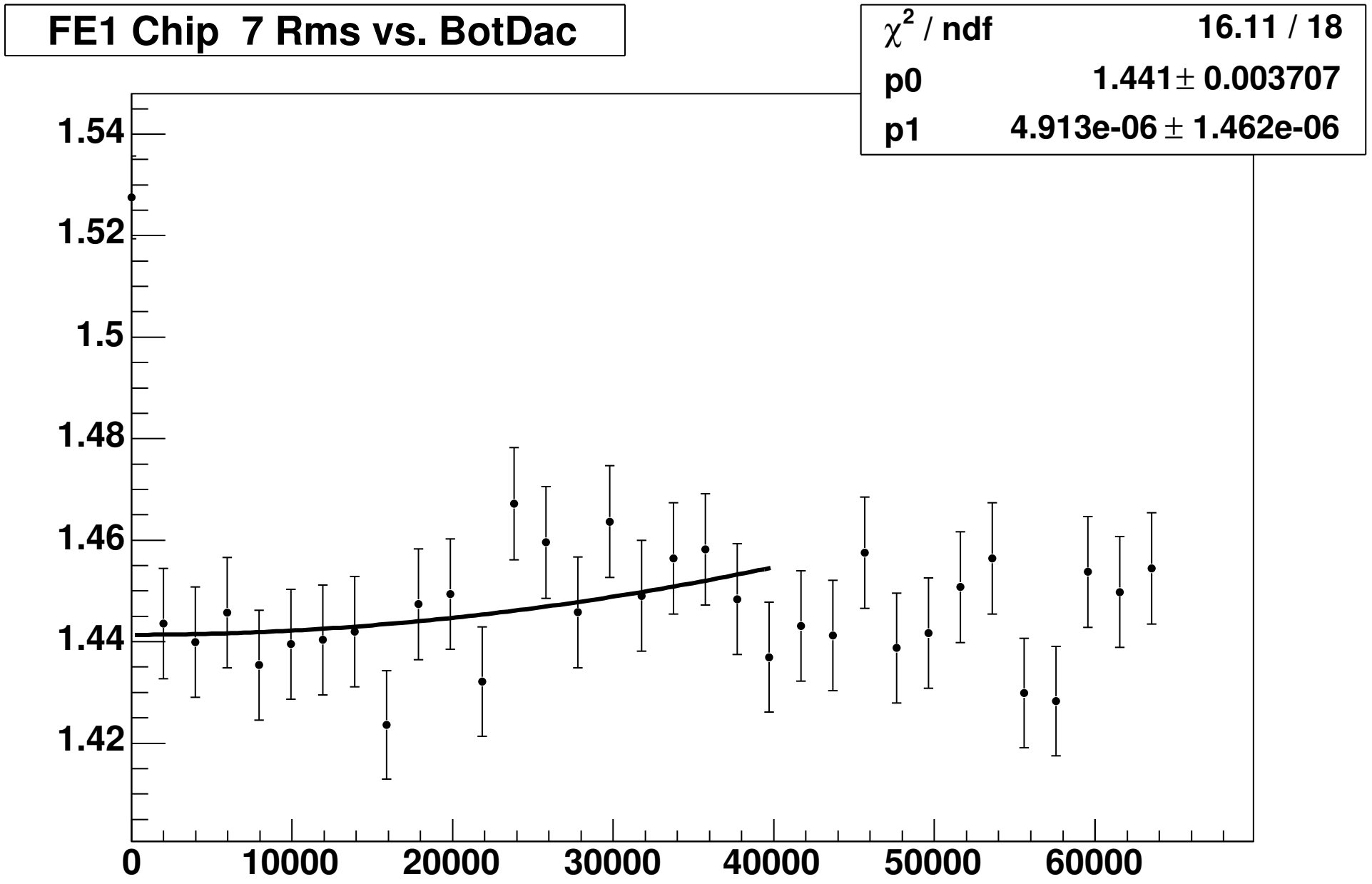
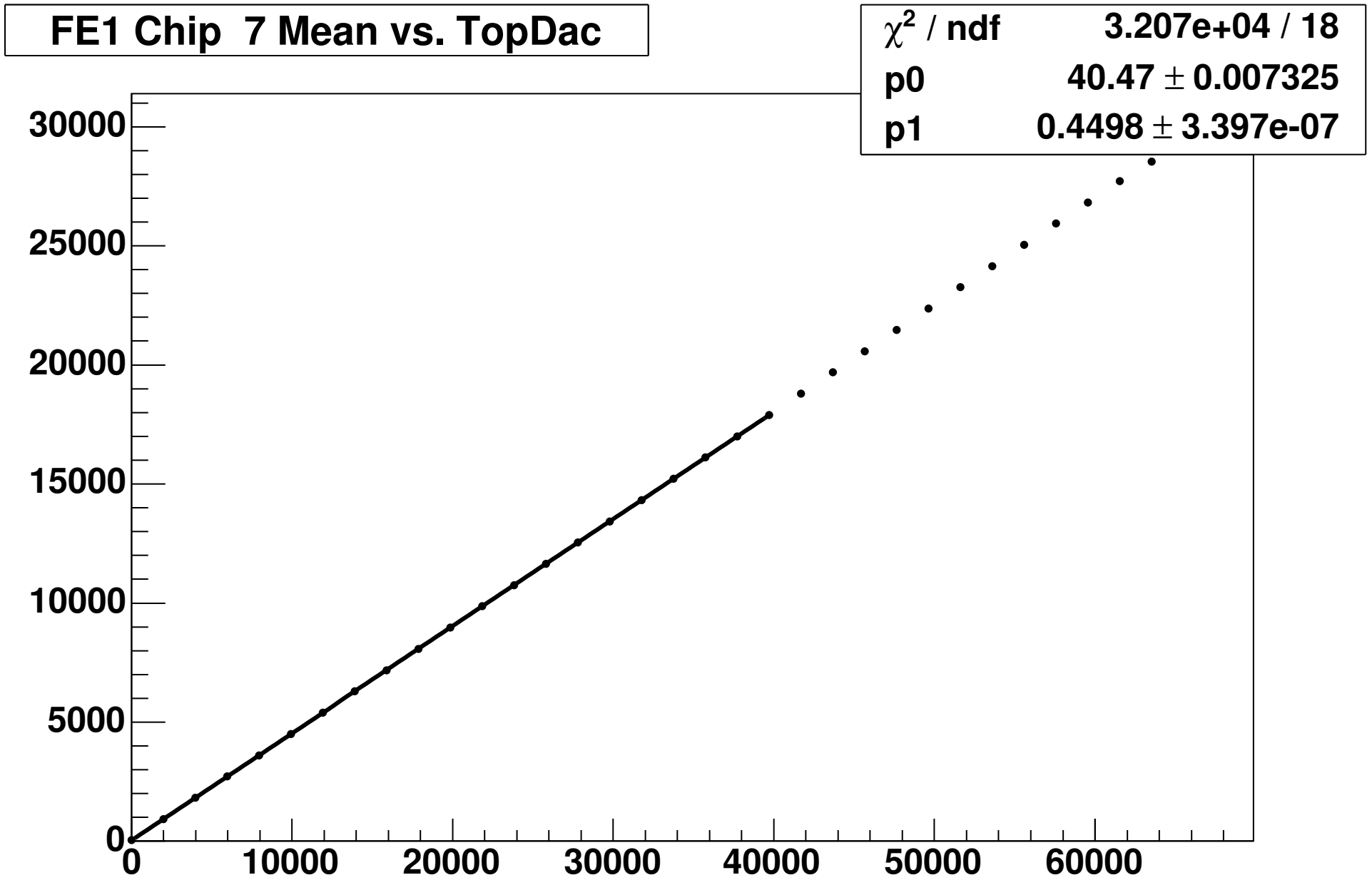
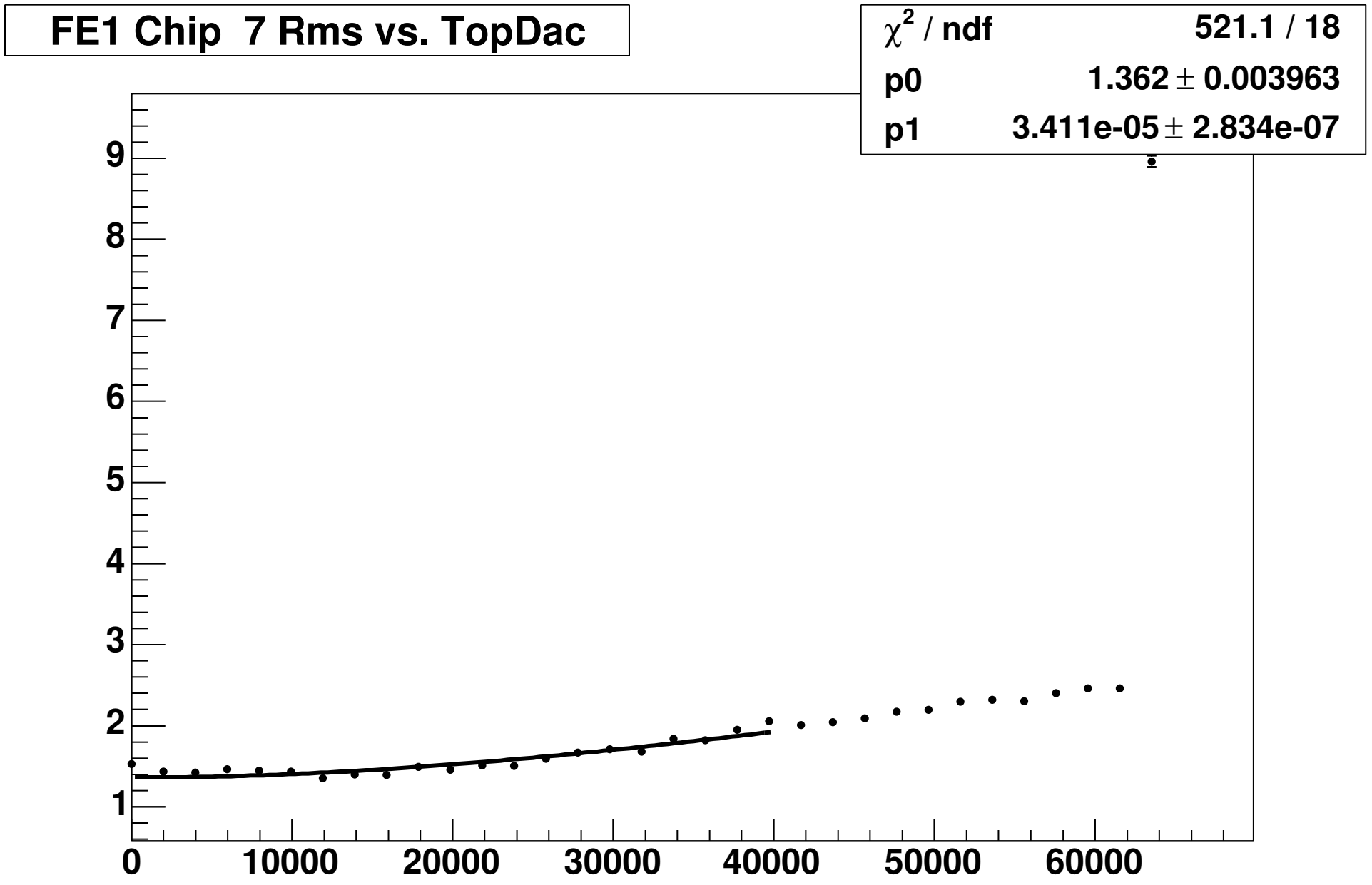
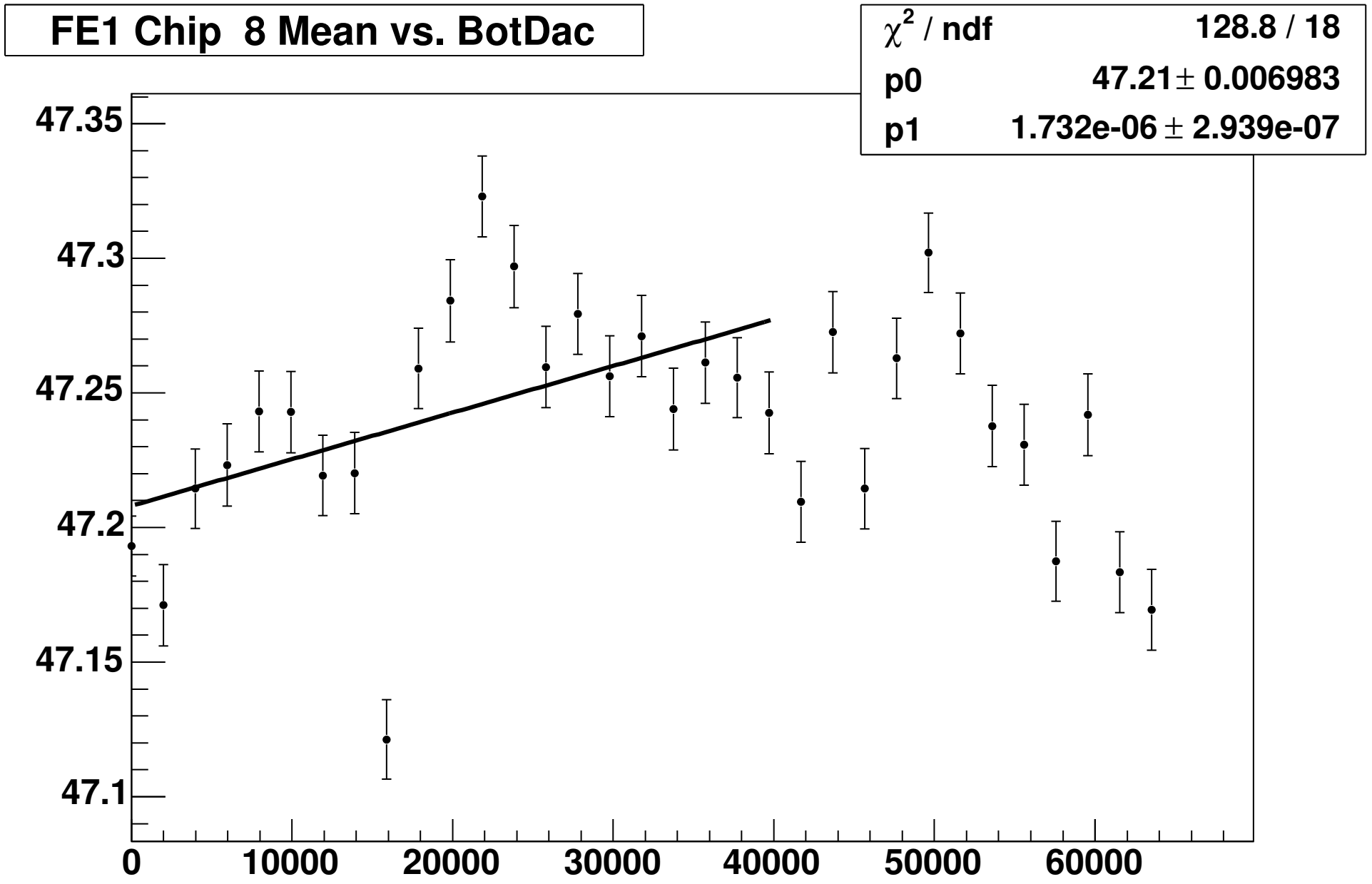
60000

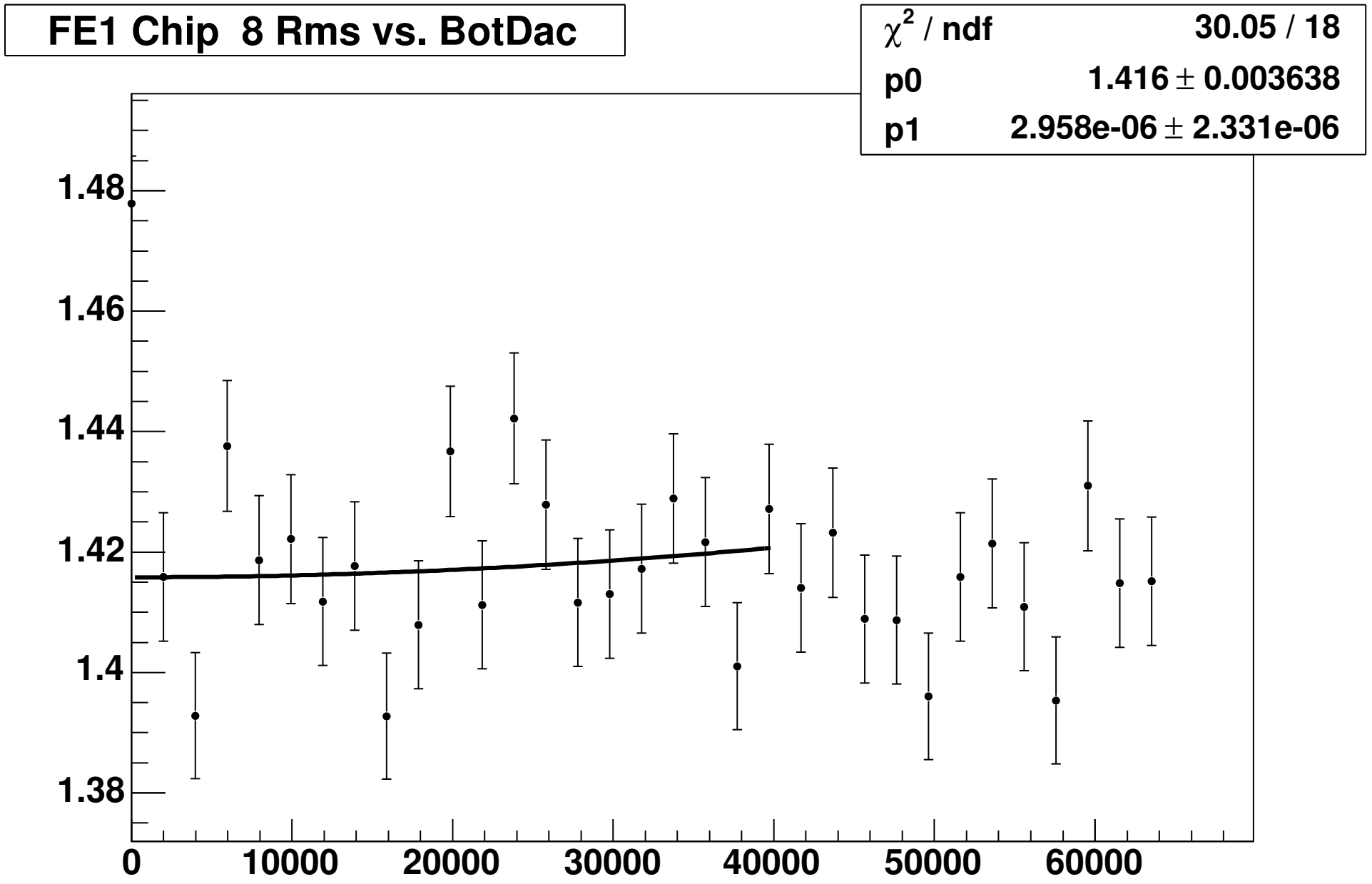

FE1 Chip 7 Mean vs. BotDac
χ² / ndf 99.52 / 18
p0 41.02 ± 0.007112
p1 9.557e-07 ± 2.998e-07
41.1
41.05
41
40.95
40.9
0
10000
20000
30000
40000
50000
60000


FE1 Chip 7 Rms vs. BotDac
χ² / ndf 16.11 / 18
p0 1.441 ± 0.003707
p1 4.913e-06 ± 1.462e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000


FE1 Chip 7 Mean vs. TopDac
χ² / ndf 3.207e+04 / 18
p0 40.47 ± 0.007325
p1 0.4498 ± 3.397e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 7 Rms vs. TopDac
χ² / ndf 521.1 / 18
p0 1.362 ± 0.003963
p1 3.411e-05 ± 2.834e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE1 Chip 8 Mean vs. BotDac
χ² / ndf 128.8 / 18
p0 47.21 ± 0.006983
p1 1.732e-06 ± 2.939e-07
47.35
47.3
47.25
47.2
47.15
47.1
0
10000
20000
30000
40000
50000
60000


FE1 Chip 8 Rms vs. BotDac
χ² / ndf 30.05 / 18
p0 1.416 ± 0.003638
p1 2.958e-06 ± 2.331e-06
1.48
1.46
1.44
1.42
1.4
1.38
0
10000
20000
30000
40000
50000
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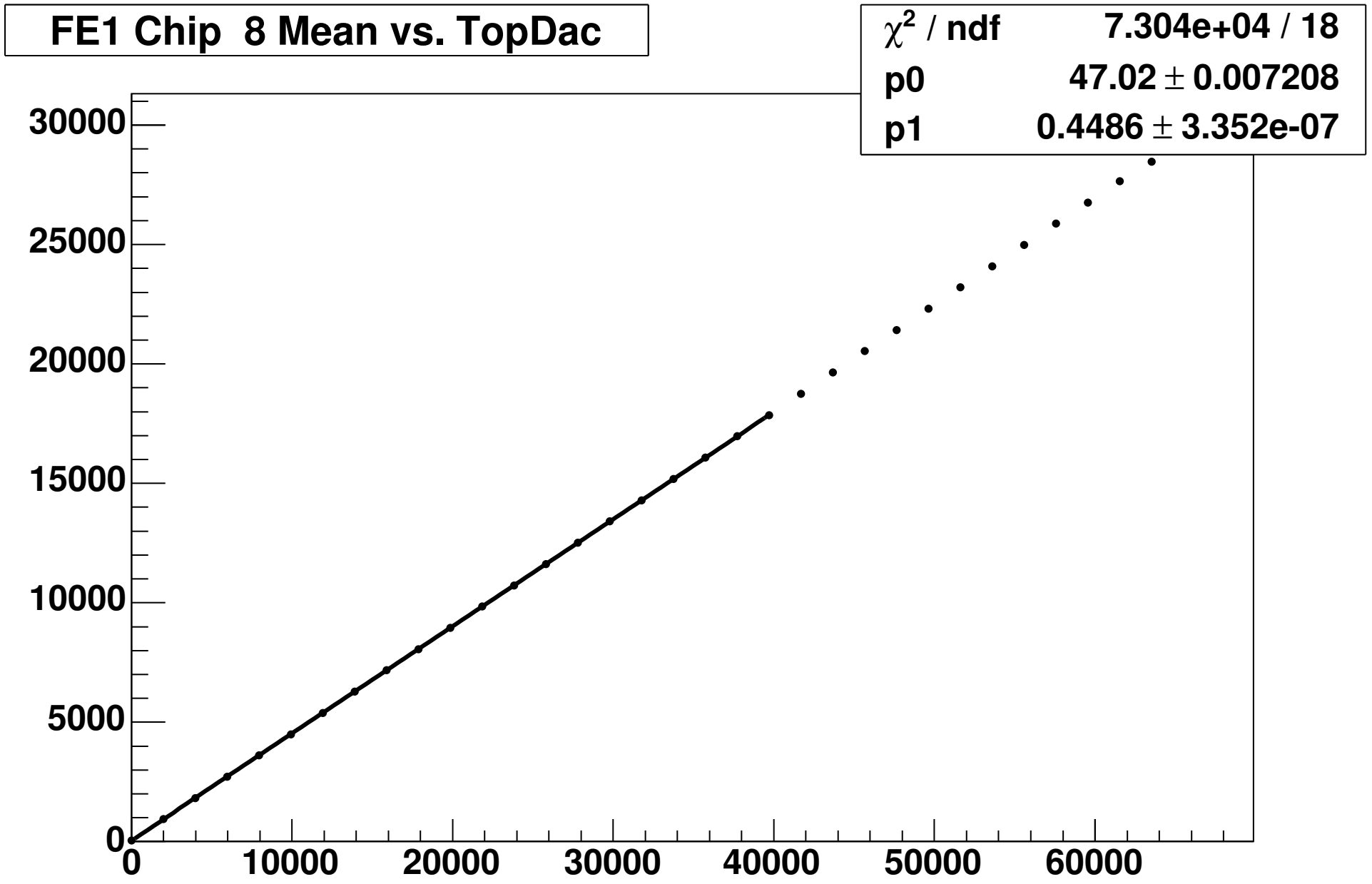
FE1 Chip 8 Mean vs. TopDac
χ² / ndf 7.304e+04 / 18
p0 47.02 ± 0.007208
p1 0.4486 ± 3.352e-07
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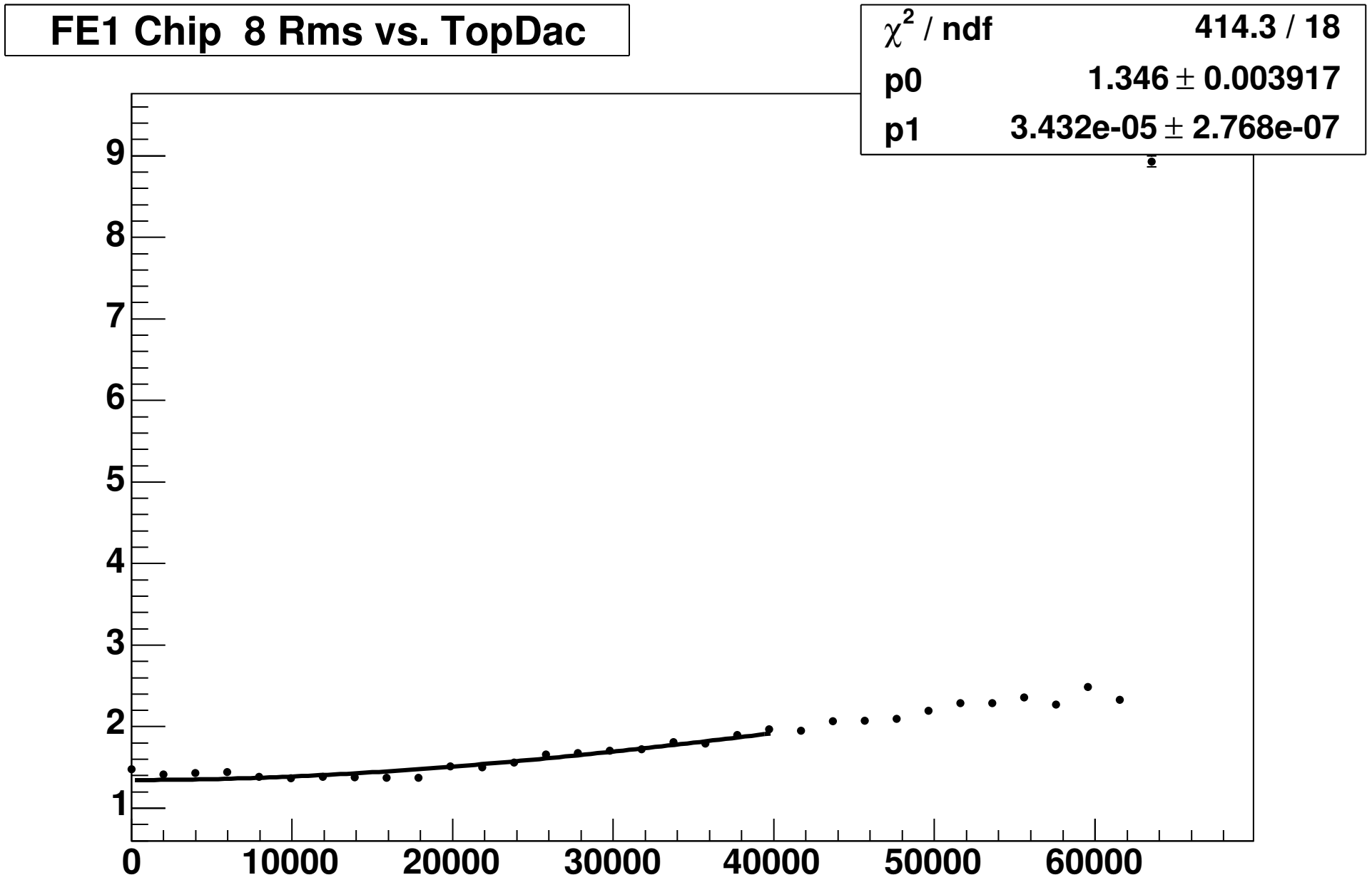
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 8 Rms vs. TopDac
χ² / ndf 414.3 / 18
p0 1.346 ± 0.003917
p1 3.432e-05 ± 2.768e-07
9
8
7
6
5
4
3
2
1
0
10000
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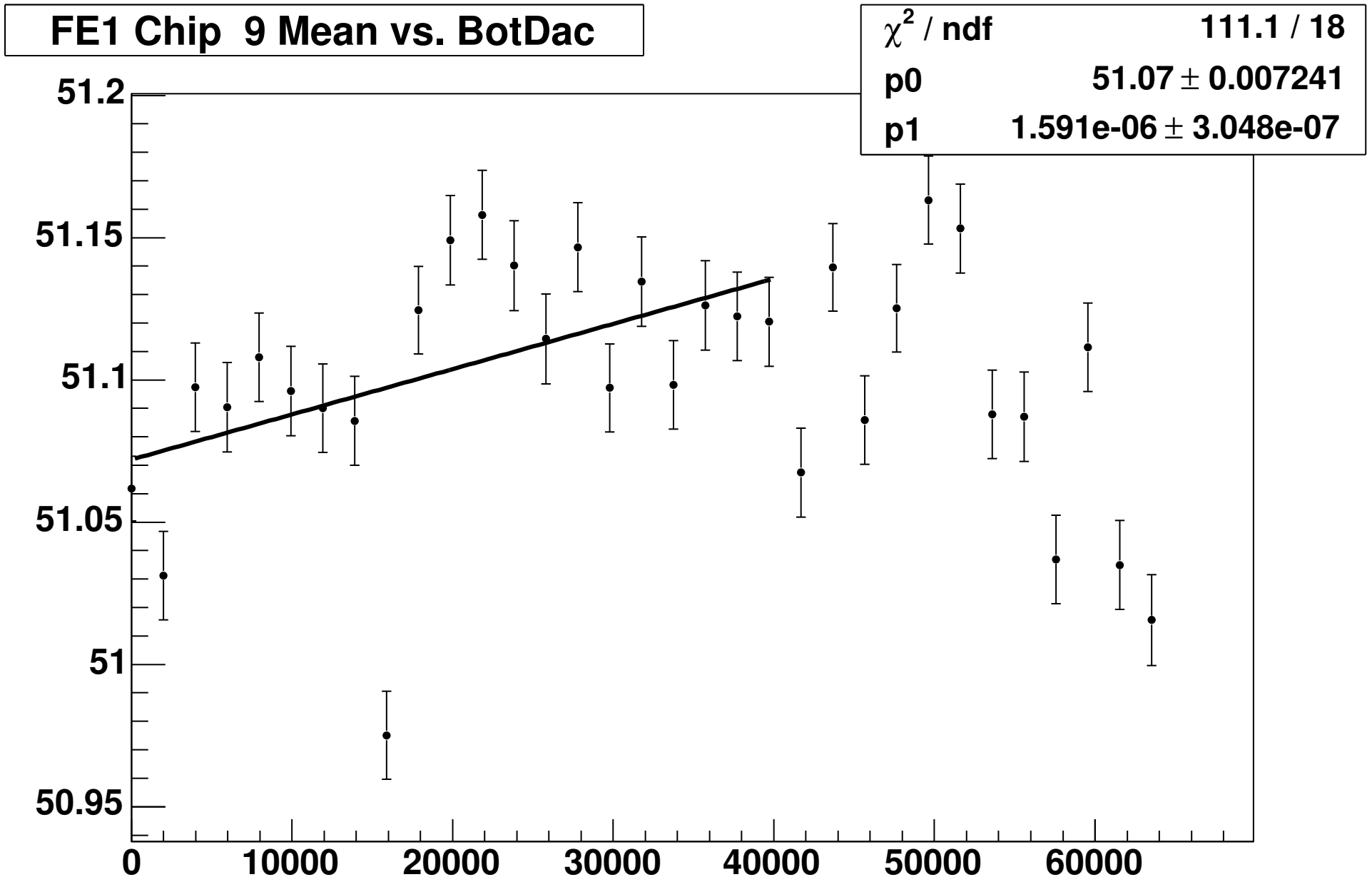
FE1 Chip 9 Mean vs. BotDac
χ² / ndf 111.1 / 18
p0 51.07 ± 0.007241
p1 1.591e-06 ± 3.048e-07
51.2
51.15
51.1
51.05
51
50.95
0
10000
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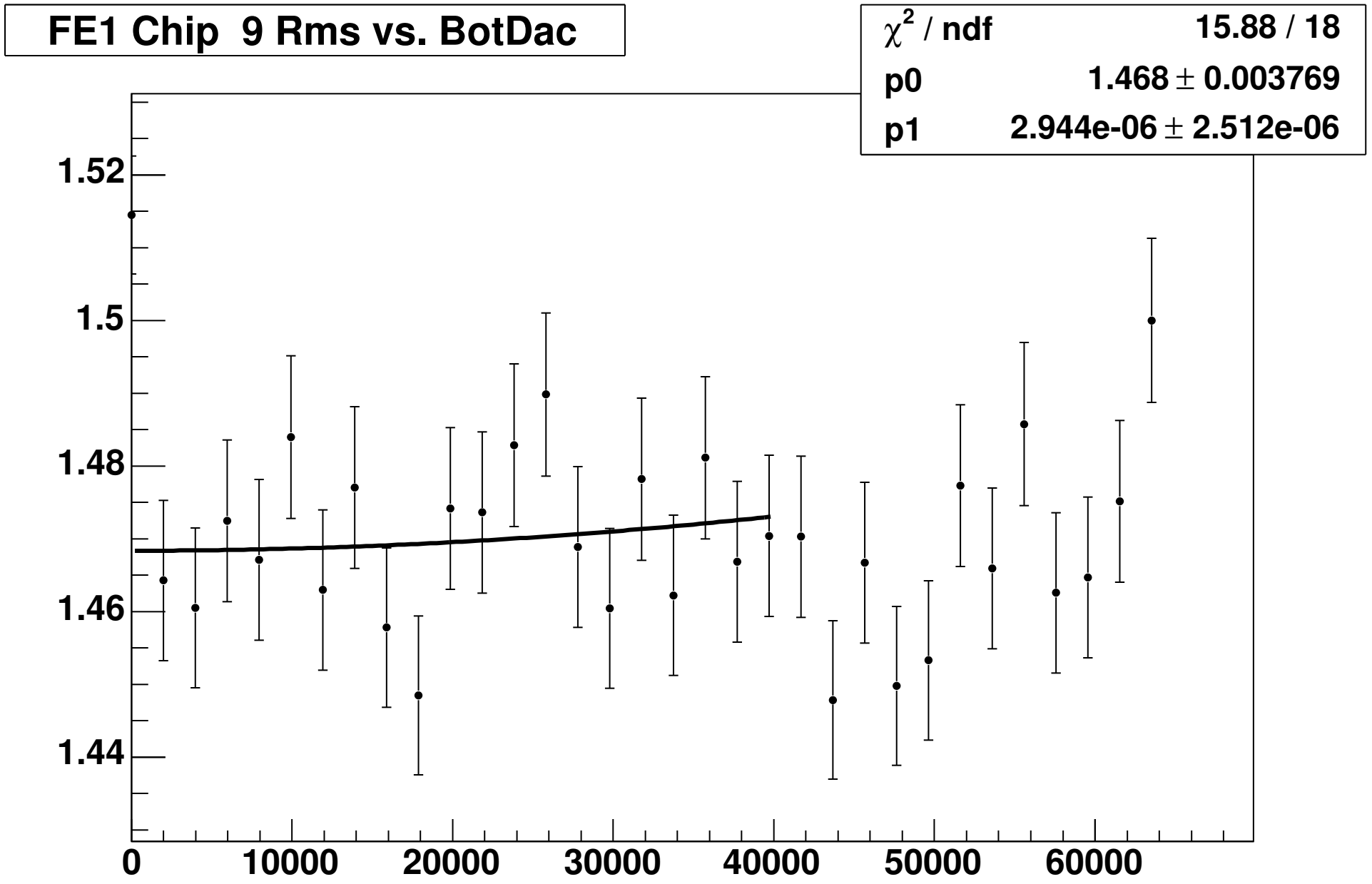
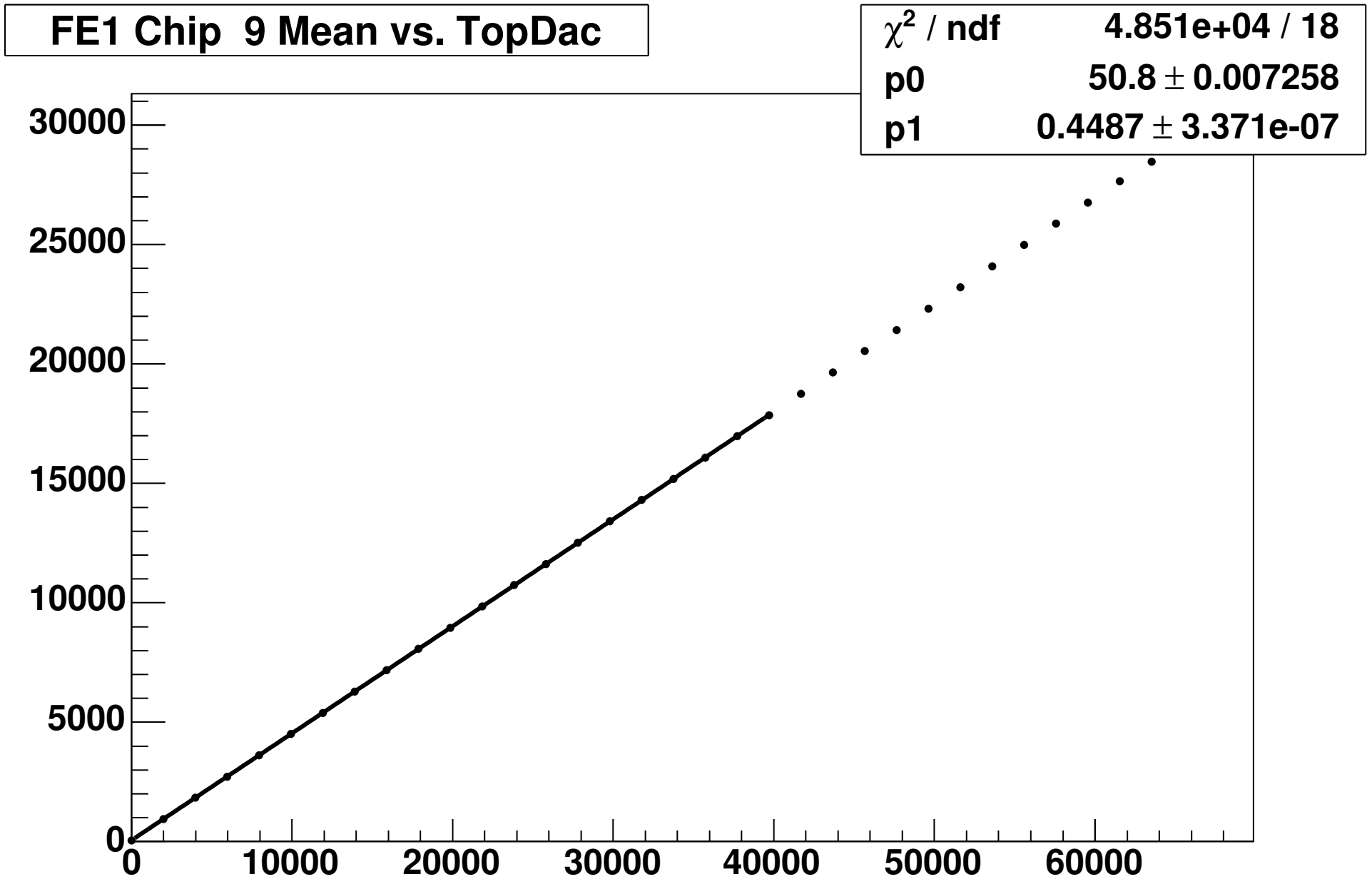
30000
40000
50000
60000


FE1 Chip 9 Rms vs. BotDac
χ² / ndf 15.88 / 18
p0 1.468 ± 0.003769
p1 2.944e-06 ± 2.512e-06
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
50000
60000


FE1 Chip 9 Mean vs. TopDac
χ² / ndf 4.851e+04 / 18
p0 50.8 ± 0.007258
p1 0.4487 ± 3.371e-07
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15000
10000
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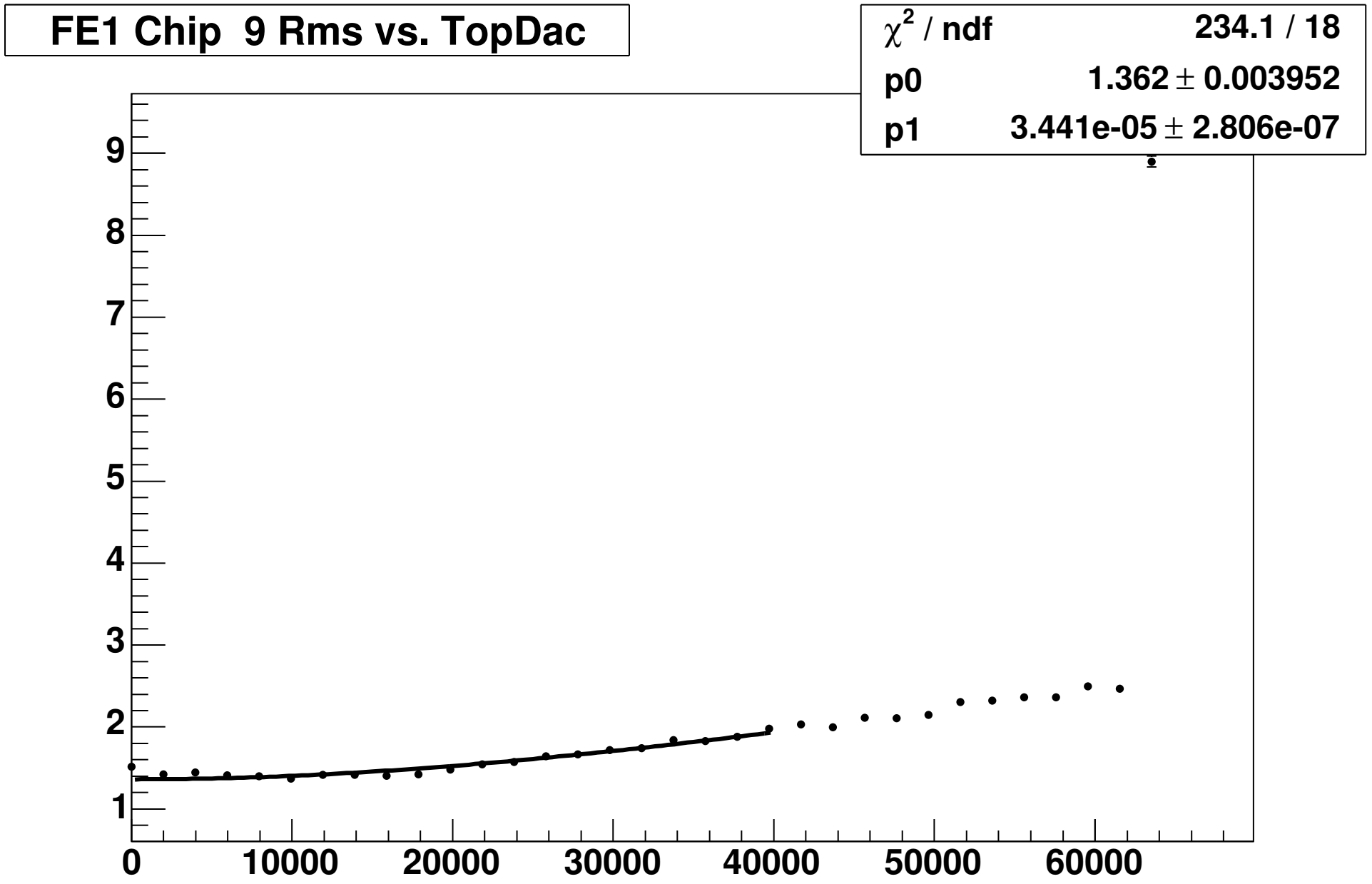
0
10000
20000
30000
40000
50000
60000


FE1 Chip 9 Rms vs. TopDac
χ² / ndf 234.1 / 18
p0 1.362 ± 0.003952
p1 3.441e-05 ± 2.806e-07
9
8
7
6
5
4
3
2
1
0
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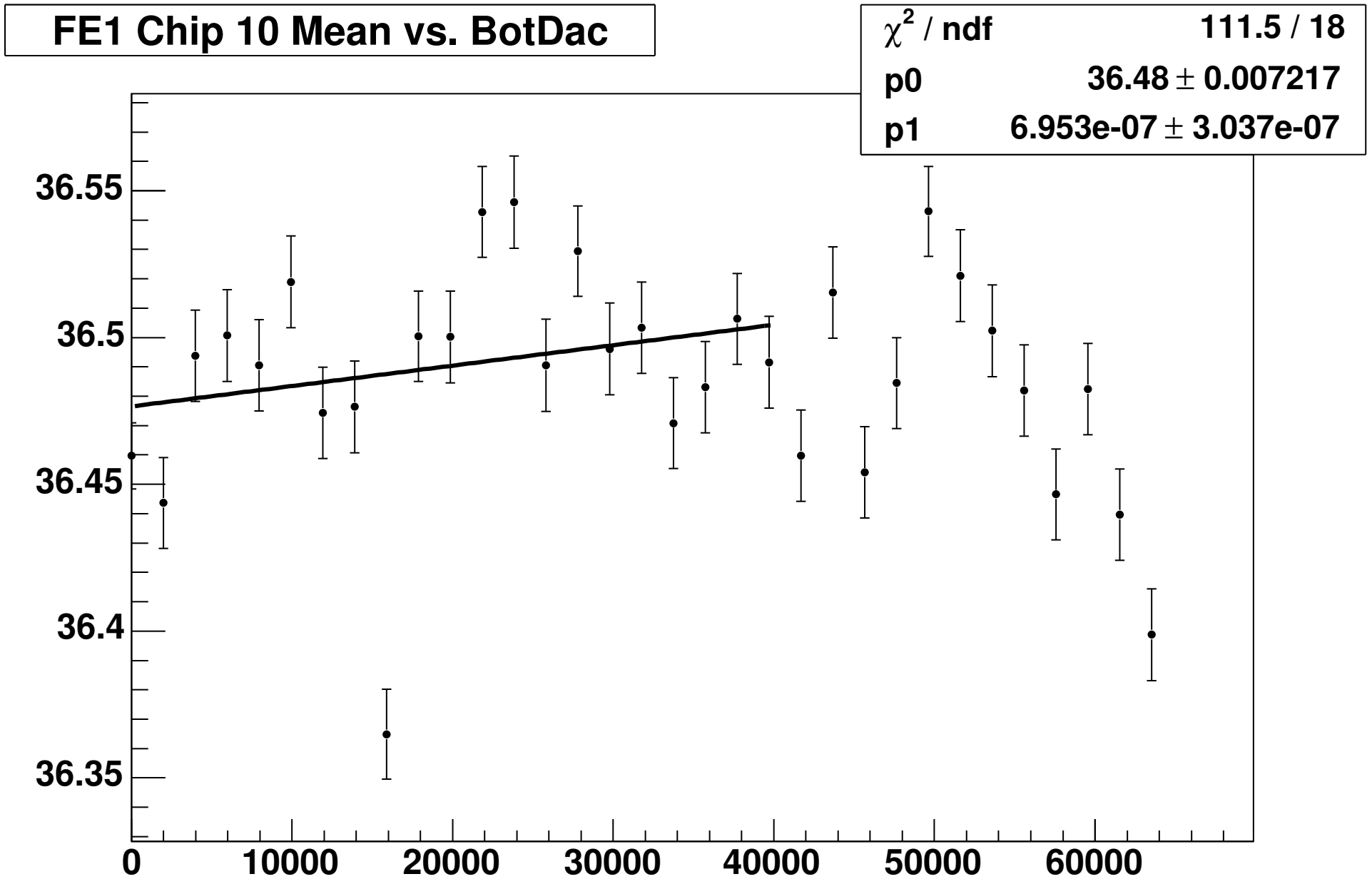
FE1 Chip 10 Mean vs. BotDac
χ² / ndf 111.5 / 18
p0 36.48 ± 0.007217
p1 6.953e-07 ± 3.037e-07
36.55
36.5
36.45
36.4
36.35
0
10000
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30000
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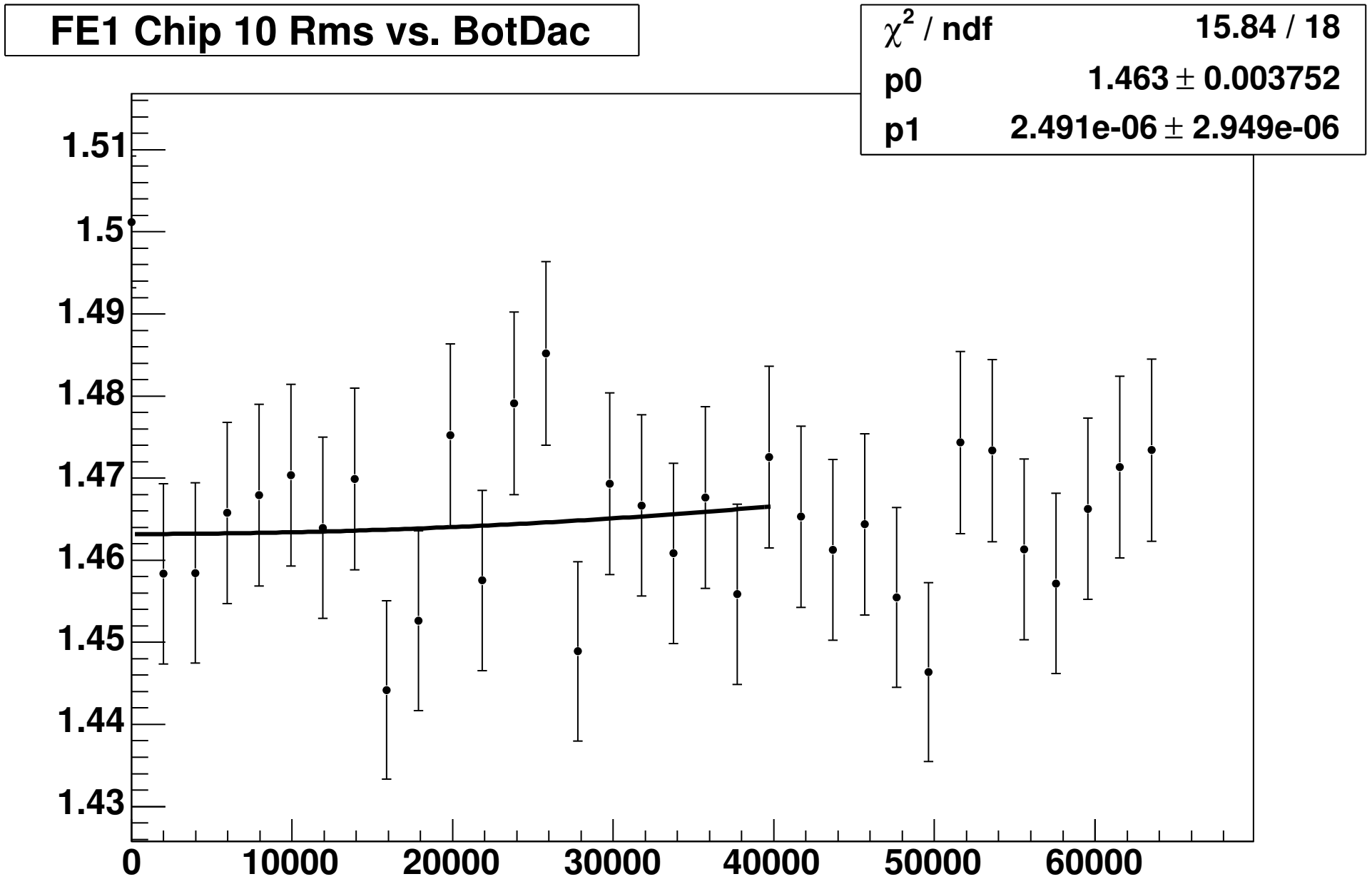
60000


FE1 Chip 10 Rms vs. BotDac
χ² / ndf 15.84 / 18
p0 1.463 ± 0.003752
p1 2.491e-06 ± 2.949e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
10000
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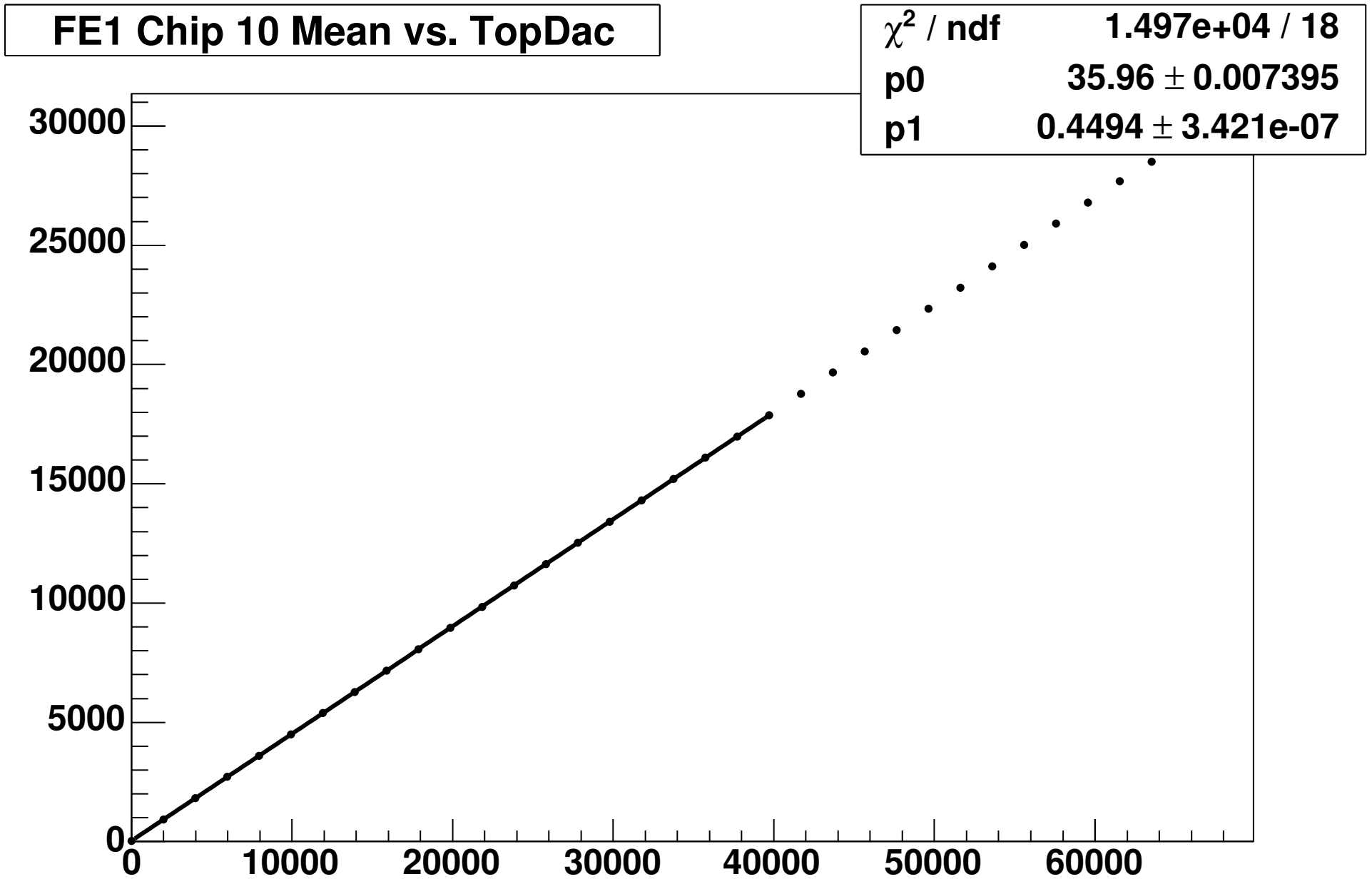
FE1 Chip 10 Mean vs. TopDac
χ² / ndf 1.497e+04 / 18
p0 35.96 ± 0.007395
p1 0.4494 ± 3.421e-07
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15000
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10000
20000
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40000
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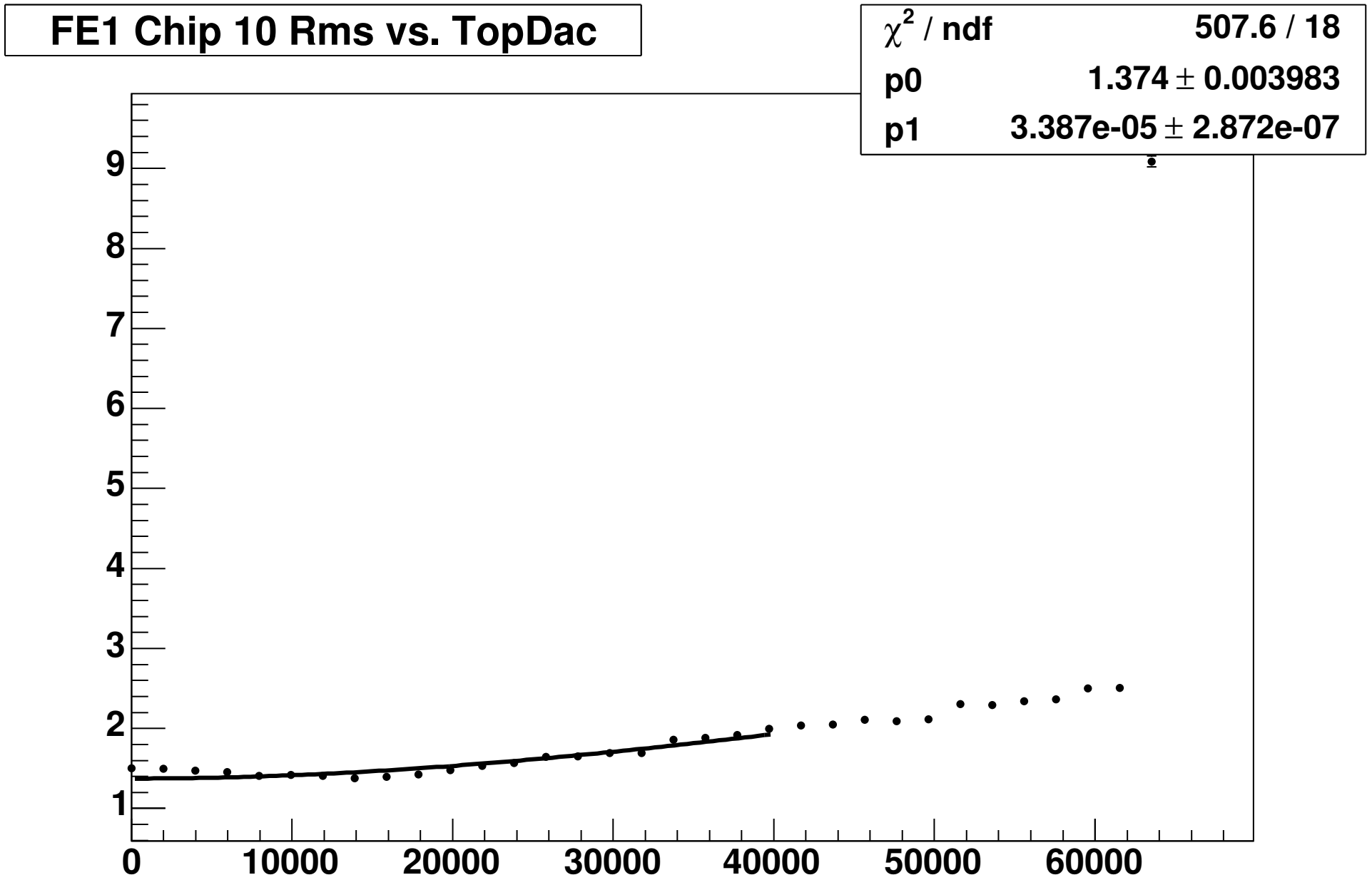
FE1 Chip 10 Rms vs. TopDac
χ² / ndf 507.6 / 18
p0 1.374 ± 0.003983
p1 3.387e-05 ± 2.872e-07
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8
7
6
5
4
3
2
1
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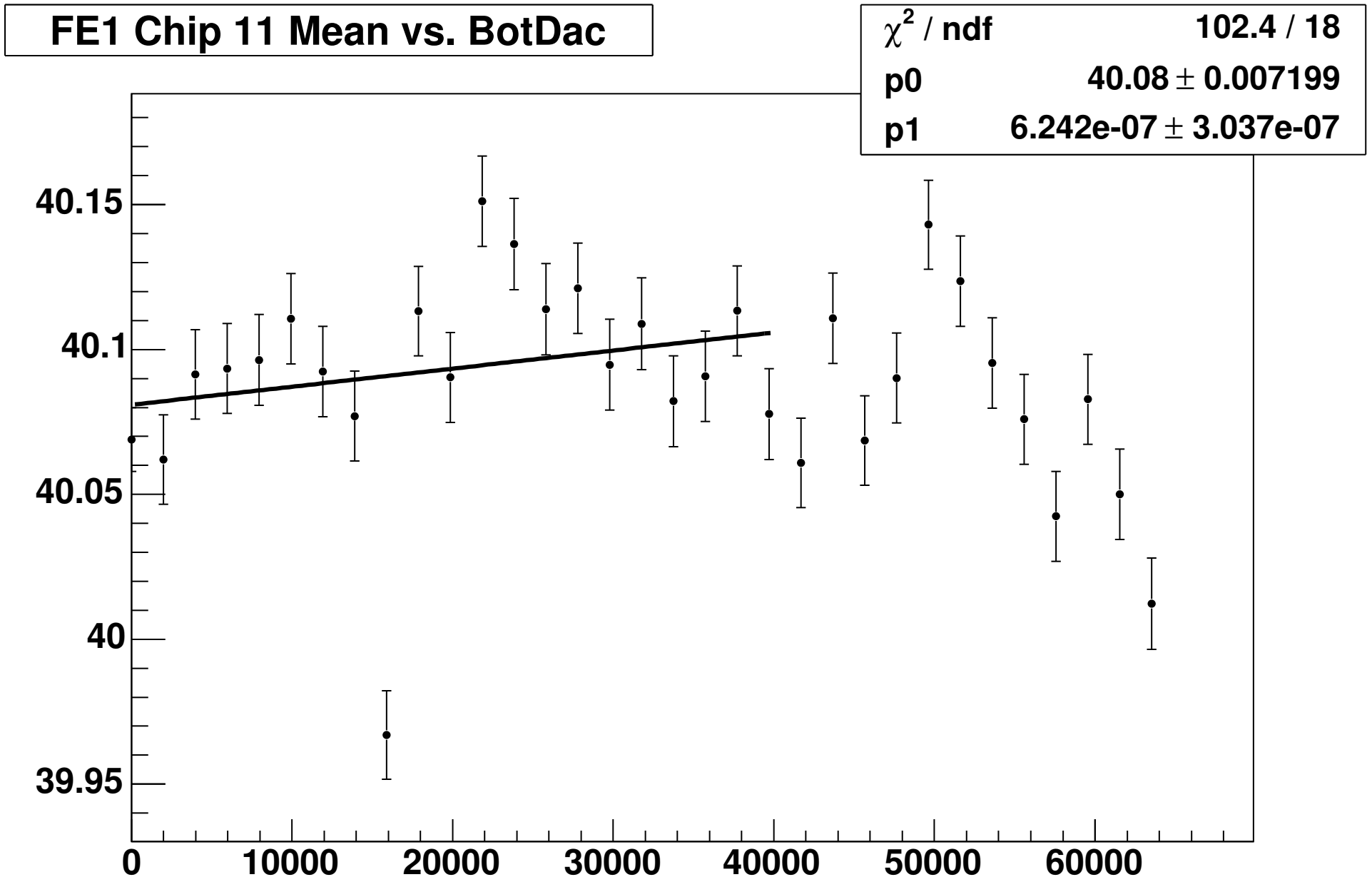
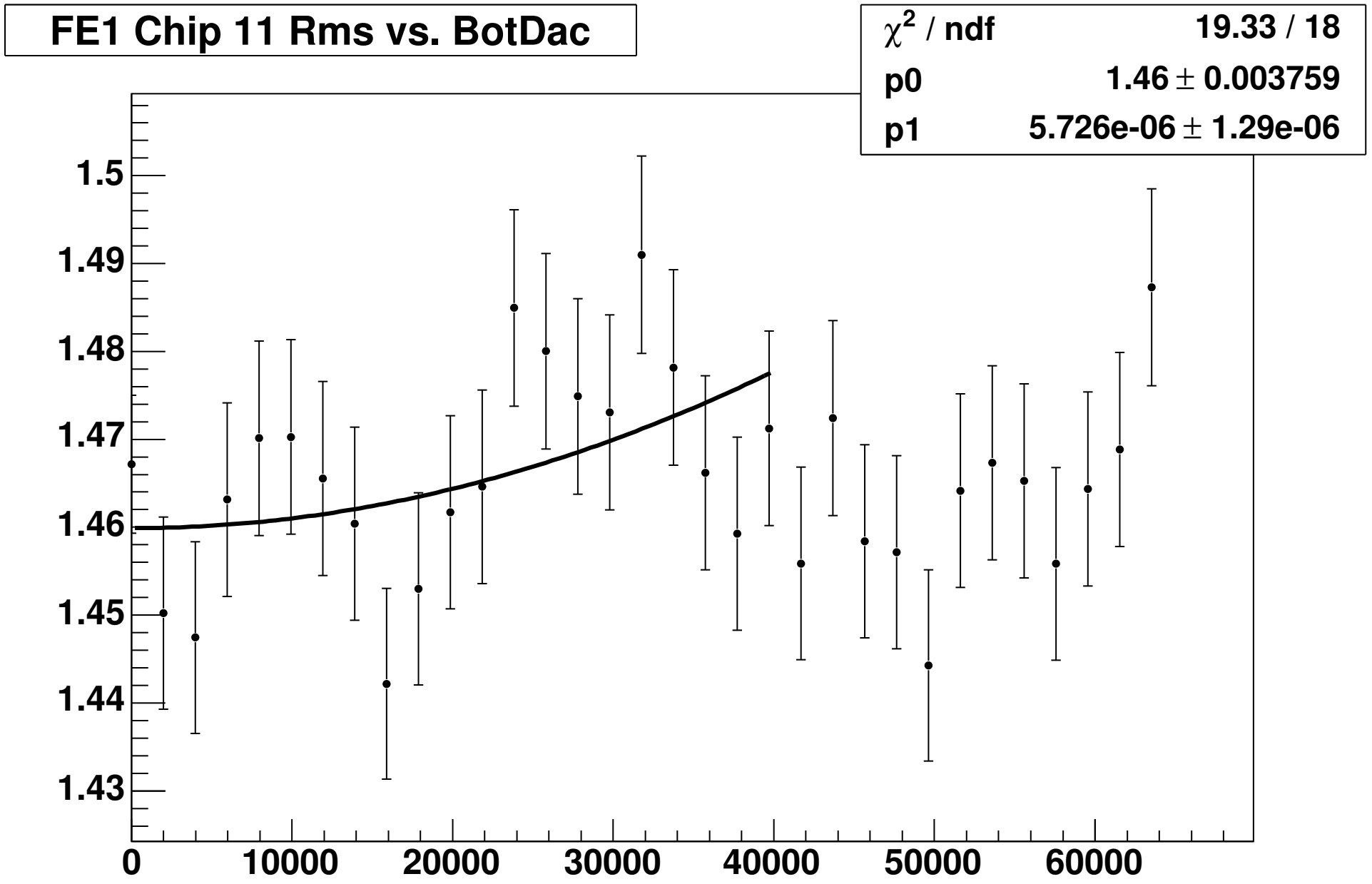

FE1 Chip 11 Mean vs. BotDac
χ² / ndf 102.4 / 18
p0 40.08 ± 0.007199
p1 6.242e-07 ± 3.037e-07
40.15
40.1
40.05
40
39.95
0
10000
20000
30000
40000
50000
60000


FE1 Chip 11 Rms vs. BotDac
χ² / ndf 19.33 / 18
p0 1.46 ± 0.003759
p1 5.726e-06 ± 1.29e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
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10000
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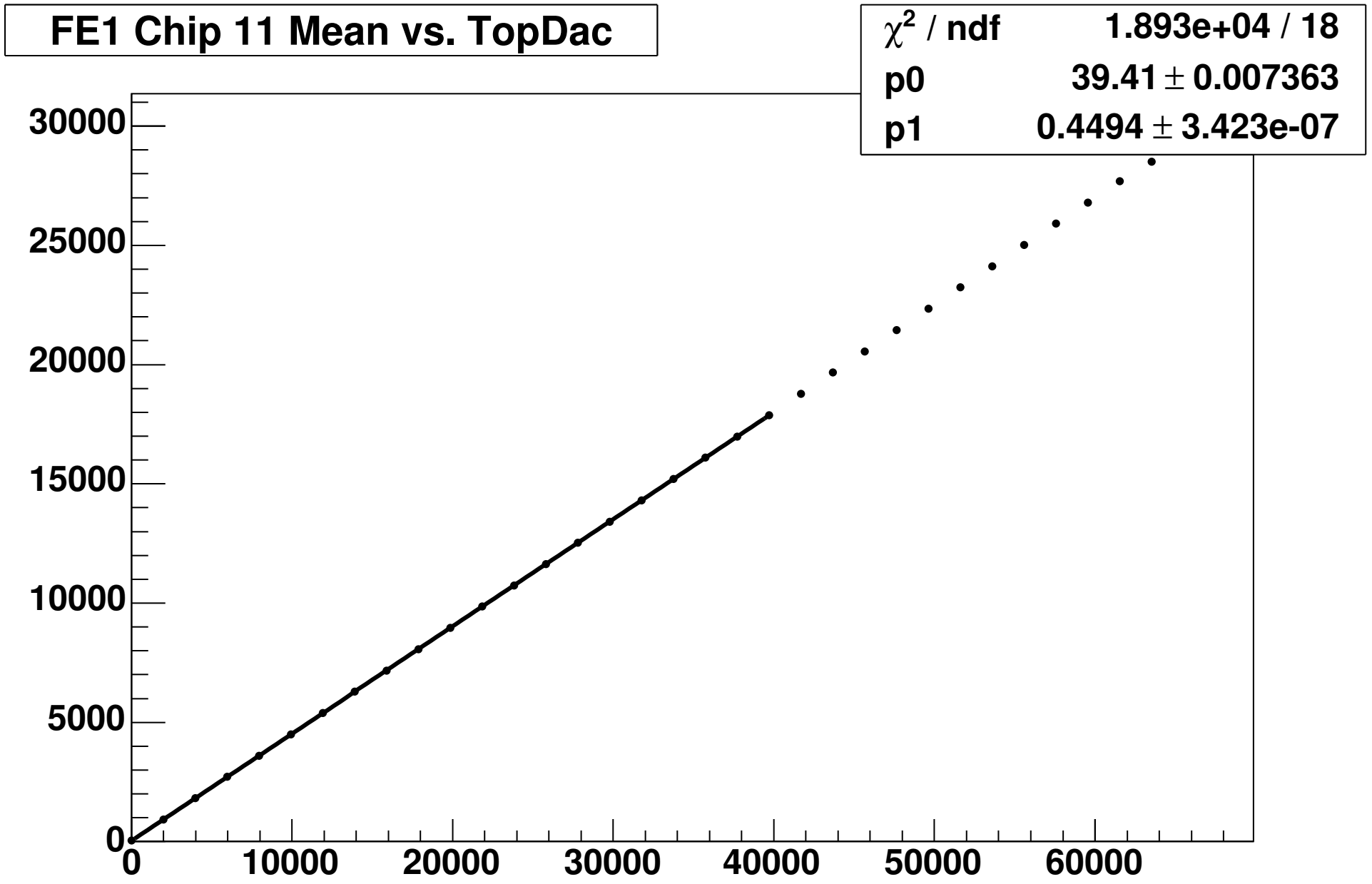
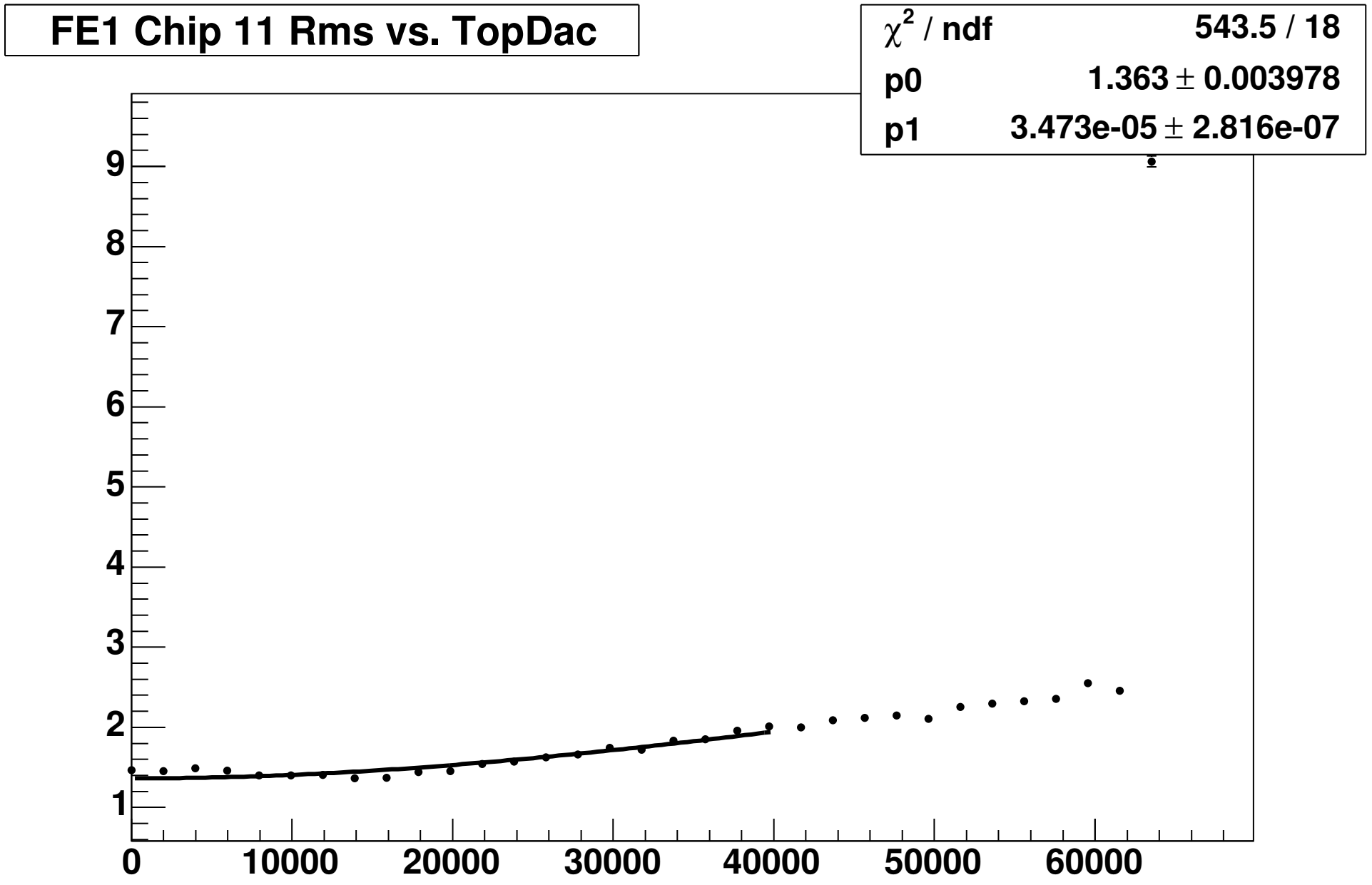

FE1 Chip 11 Mean vs. TopDac
χ² / ndf 1.893e+04 / 18
p0 39.41 ± 0.007363
p1 0.4494 ± 3.423e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 11 Rms vs. TopDac
χ² / ndf 543.5 / 18
p0 1.363 ± 0.003978
p1 3.473e-05 ± 2.816e-07
9
8
7
6
5
4
3
2
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0
10000
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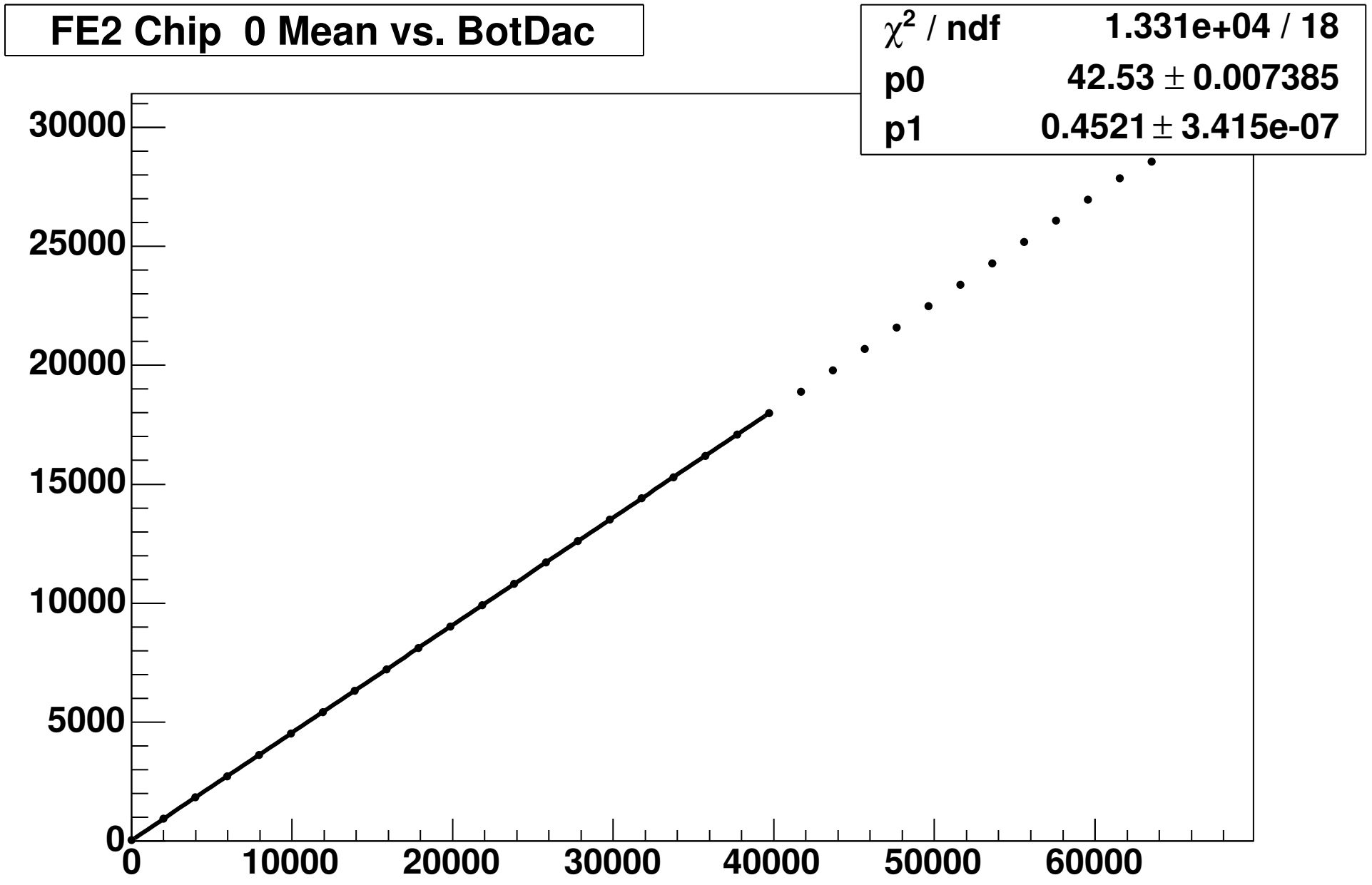
FE2 Chip 0 Mean vs. BotDac
χ² / ndf 1.331e+04 / 18
p0 42.53 ± 0.007385
p1 0.4521 ± 3.415e-07
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15000
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0
0
10000
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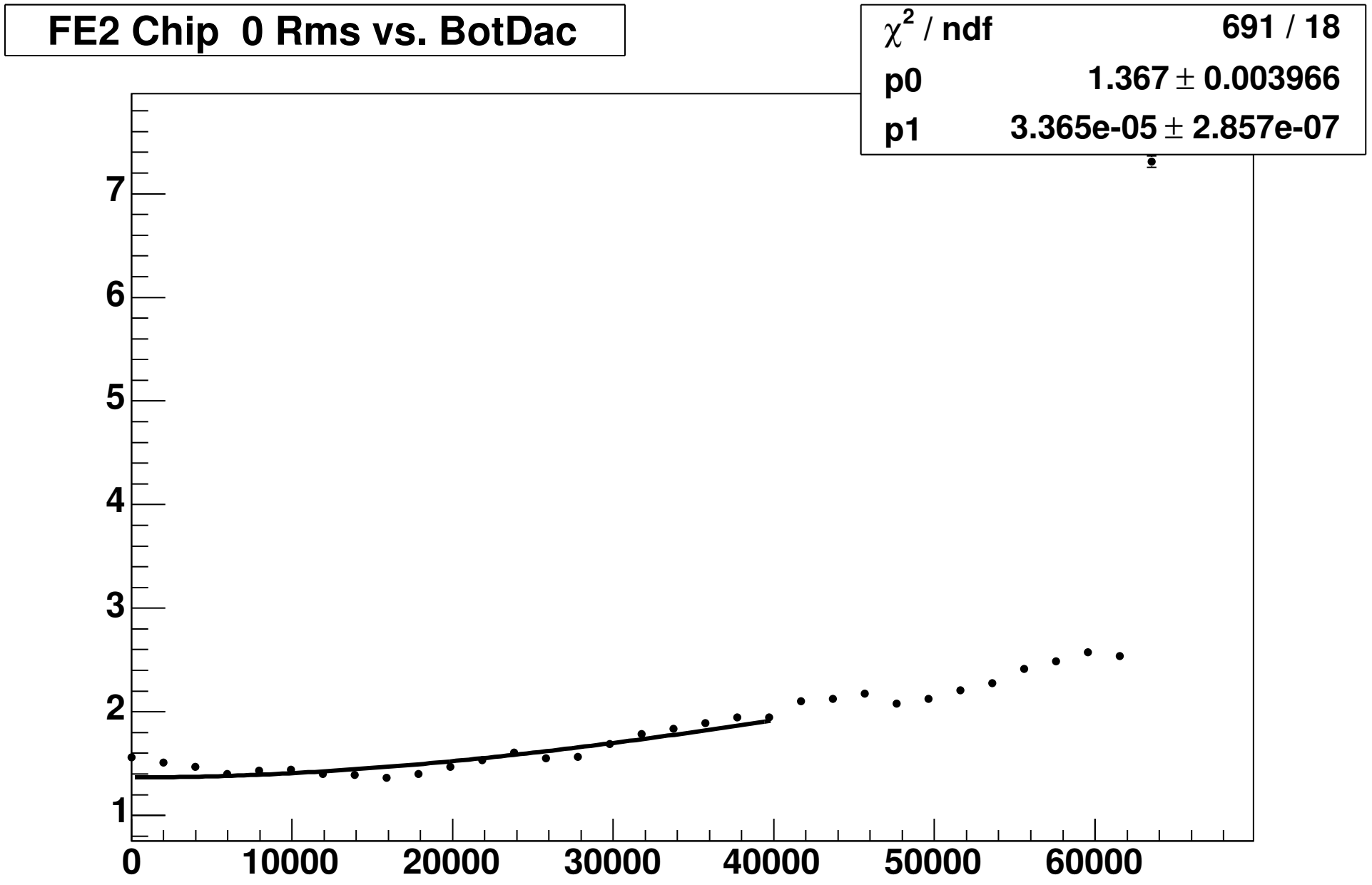
FE2 Chip 0 Rms vs. BotDac
χ² / ndf 691 / 18
p0 1.367 ± 0.003966
p1 3.365e-05 ± 2.857e-07
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6
5
4
3
2
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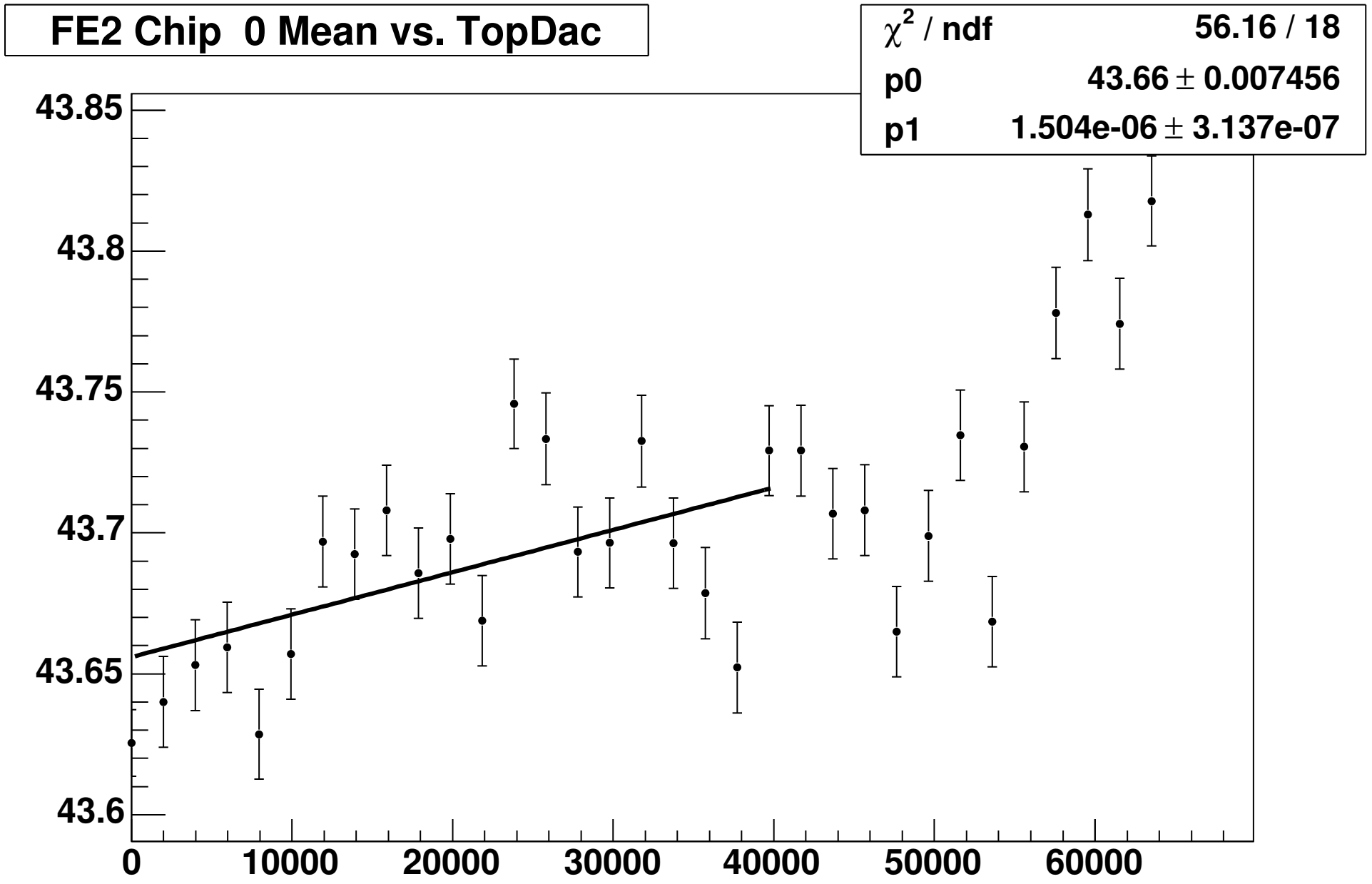
FE2 Chip 0 Mean vs. TopDac
χ² / ndf 56.16 / 18
p0 43.66 ± 0.007456
p1 1.504e-06 ± 3.137e-07
43.85
43.8
43.75
43.7
43.65
43.6
0
10000
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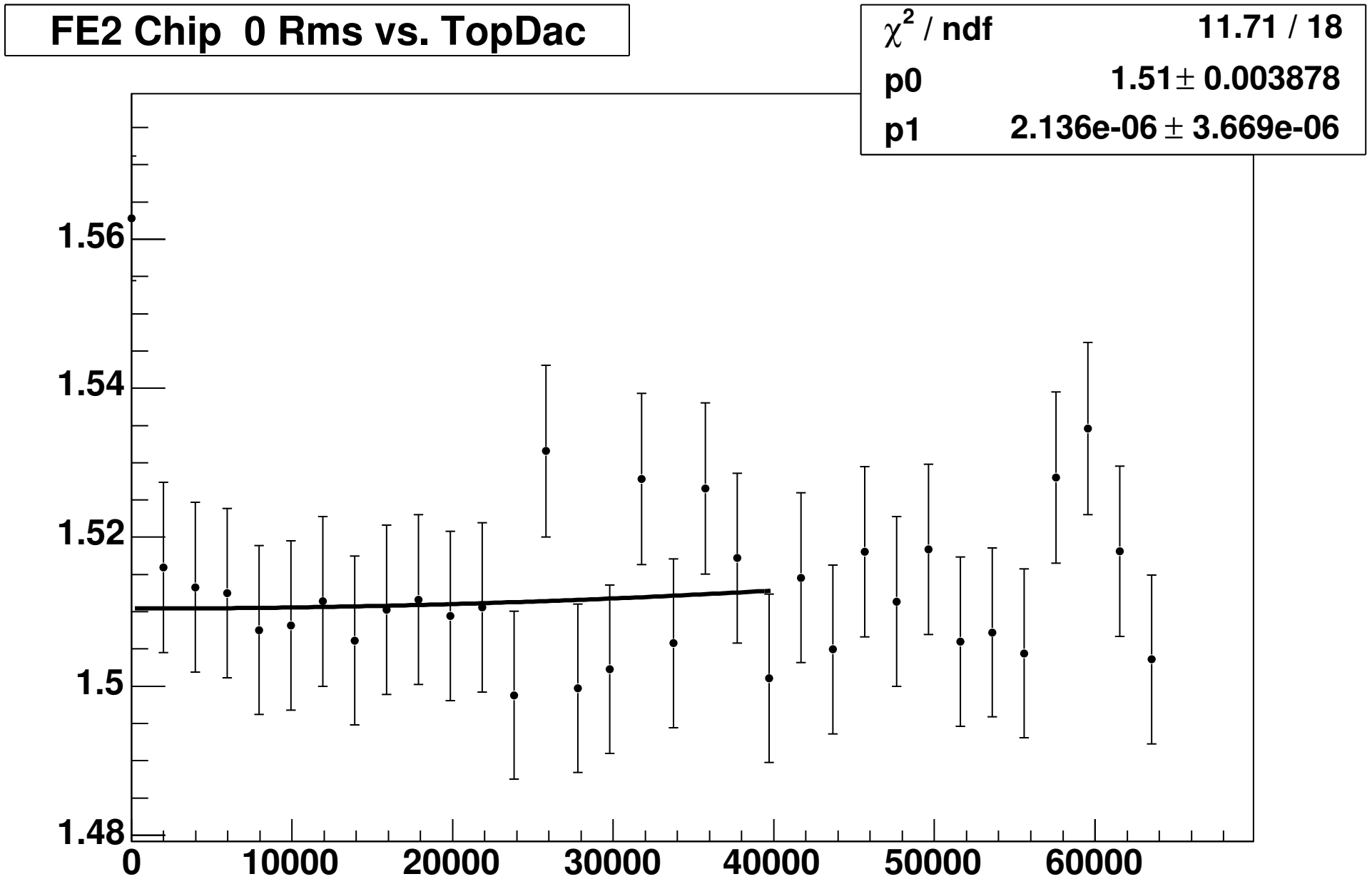
FE2 Chip 0 Rms vs. TopDac
χ² / ndf 11.71 / 18
p0 1.51 ± 0.003878
p1 2.136e-06 ± 3.669e-06
1.56
1.54
1.52
1.5
1.48
0
10000
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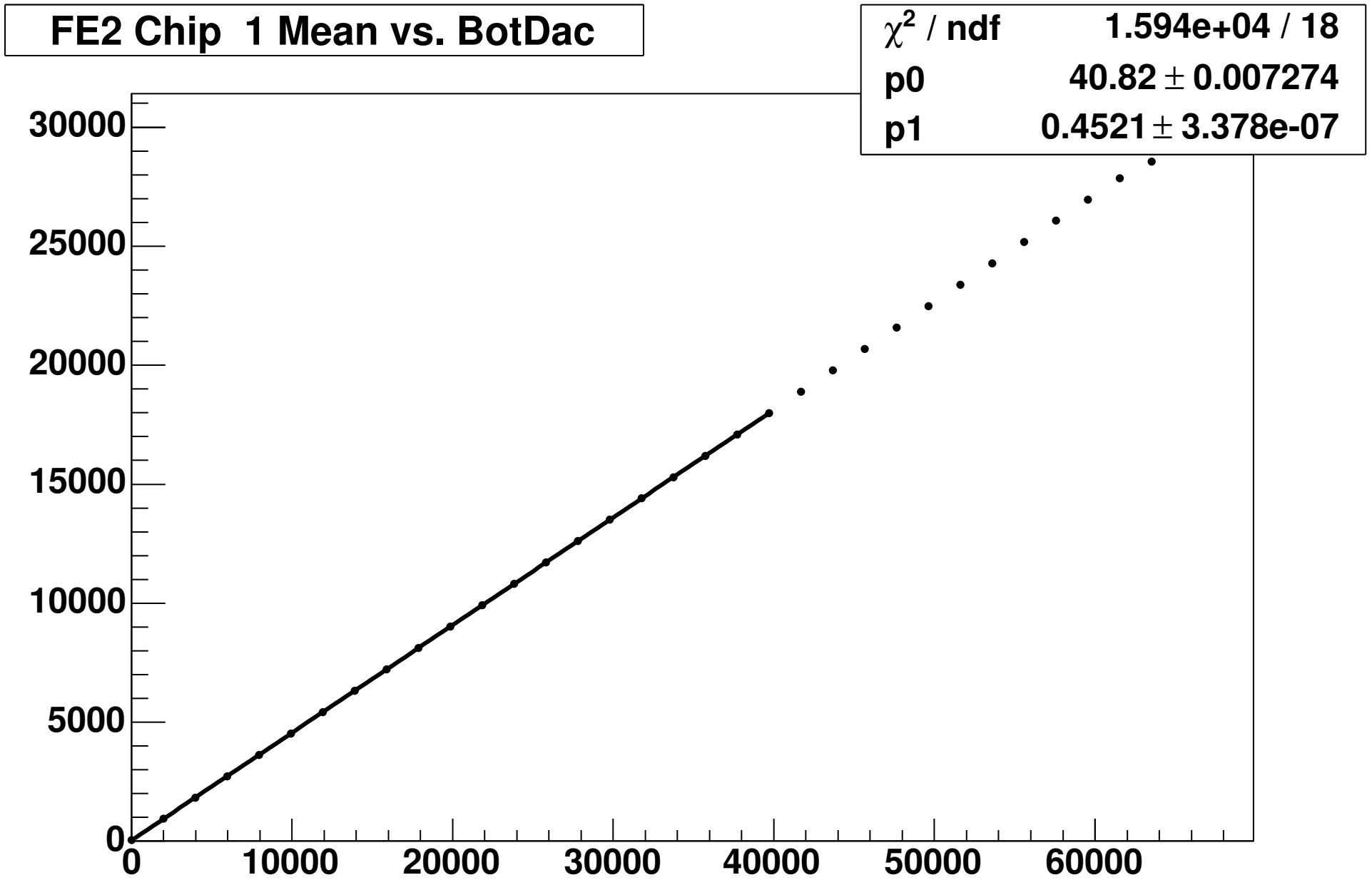
FE2 Chip 1 Mean vs. BotDac
χ² / ndf 1.594e+04 / 18
p0 40.82 ± 0.007274
p1 0.4521 ± 3.378e-07
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0
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10000
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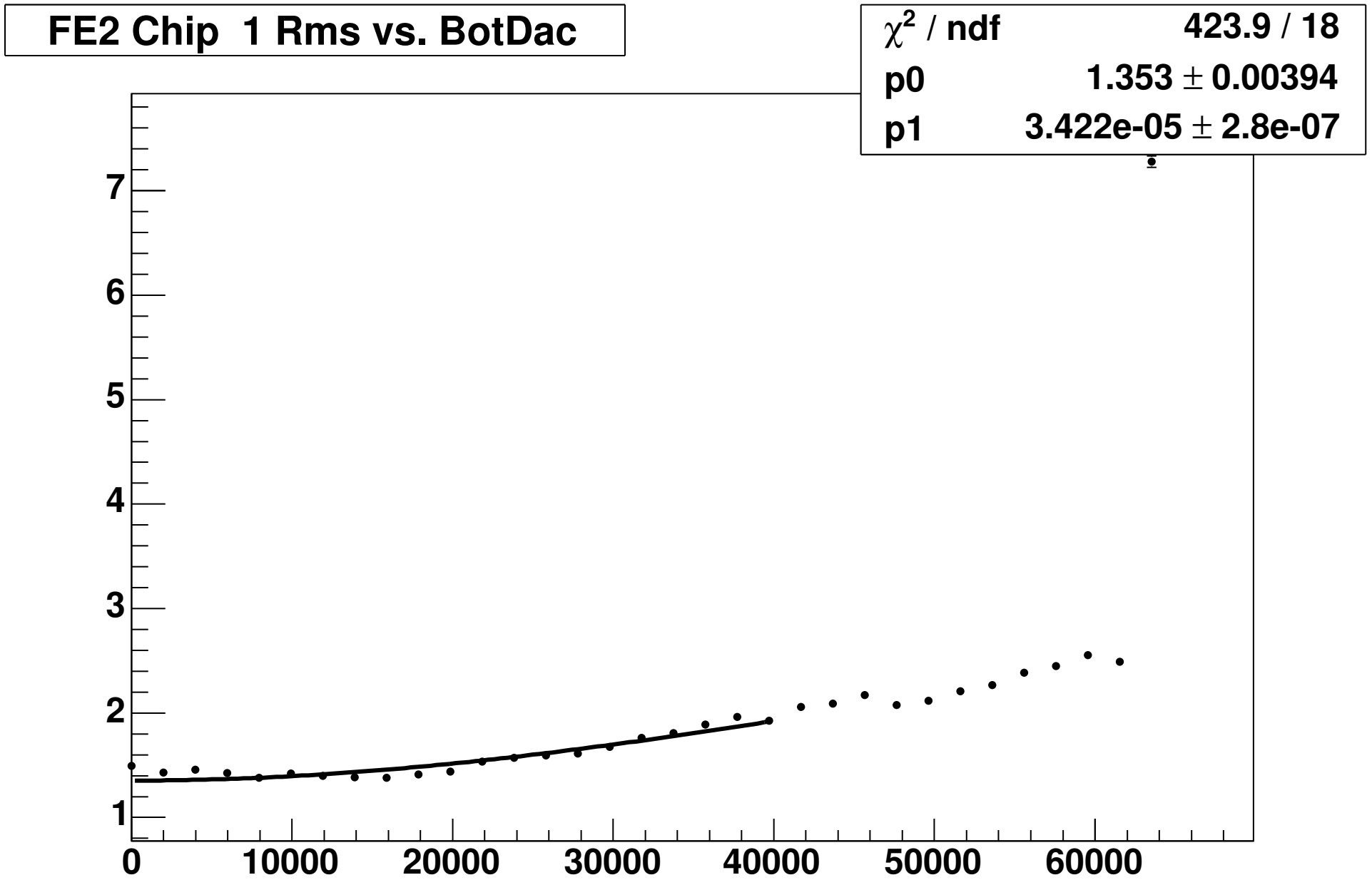
60000


FE2 Chip 1 Rms vs. BotDac
χ² / ndf 423.9 / 18
p0 1.353 ± 0.00394
p1 3.422e-05 ± 2.8e-07
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6
5
4
3
2
1
0
10000
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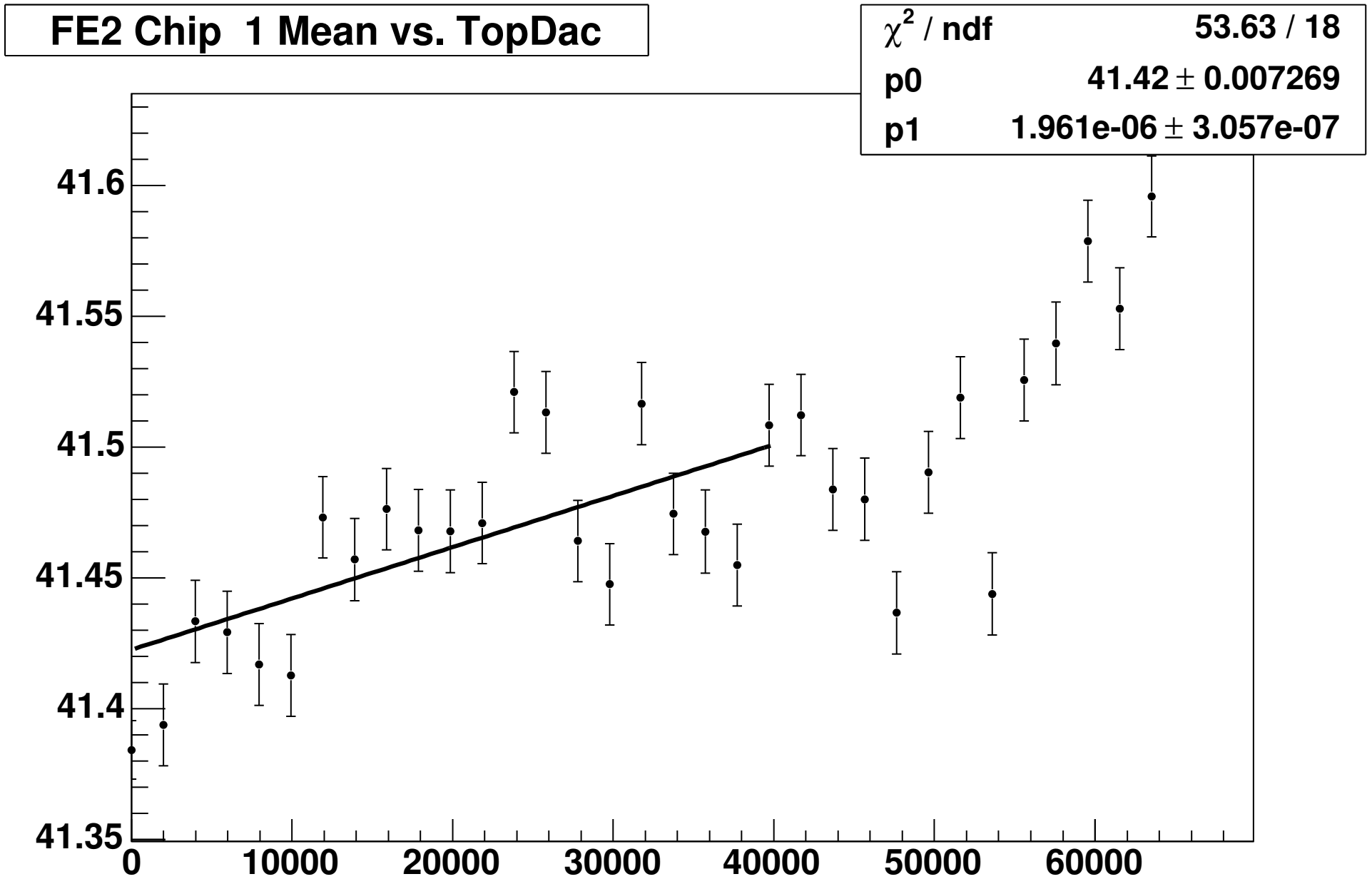
FE2 Chip 1 Mean vs. TopDac
χ² / ndf 53.63 / 18
p0 41.42 ± 0.007269
p1 1.961e-06 ± 3.057e-07
41.6
41.55
41.5
41.45
41.4
41.35
0
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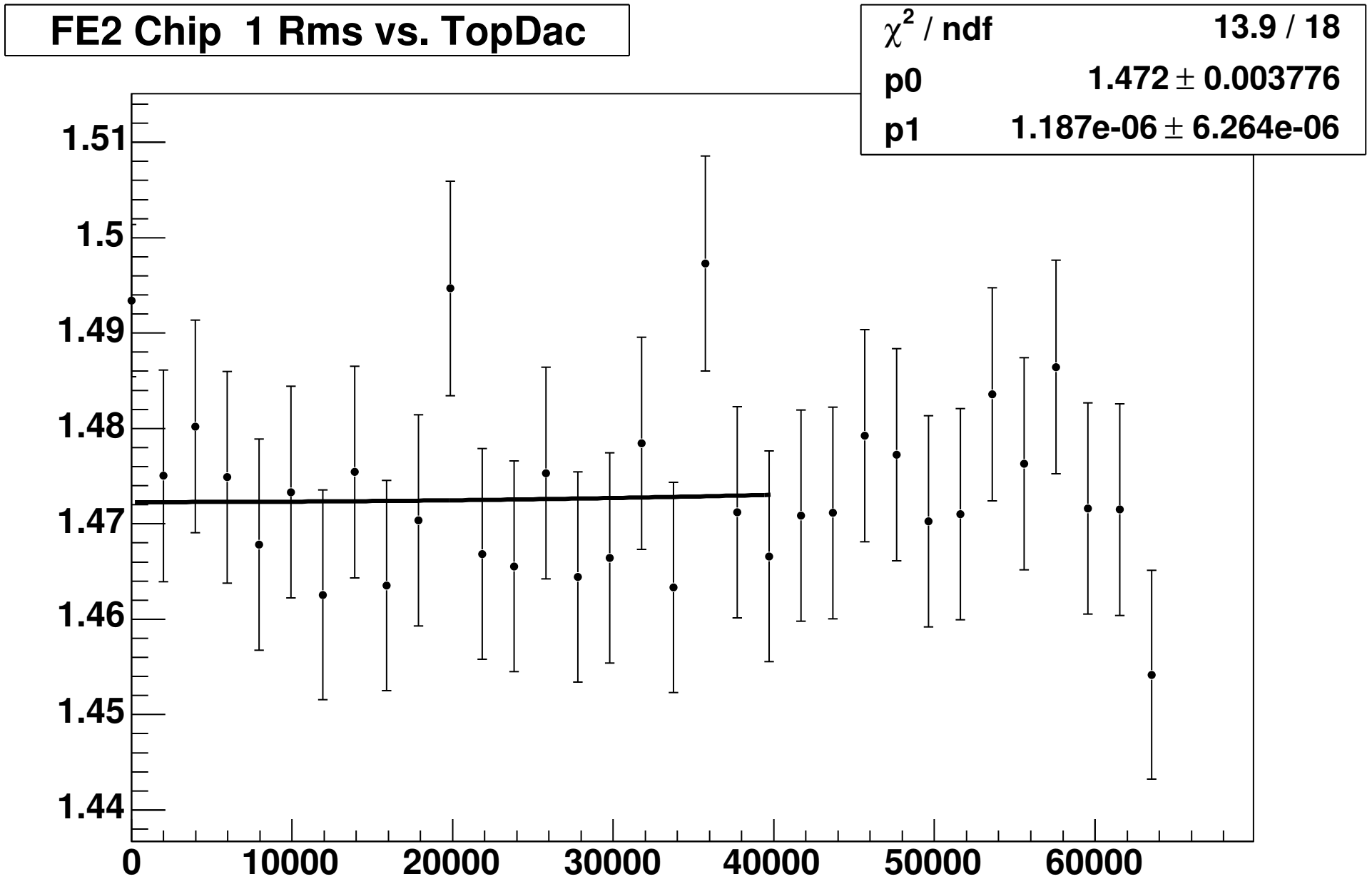
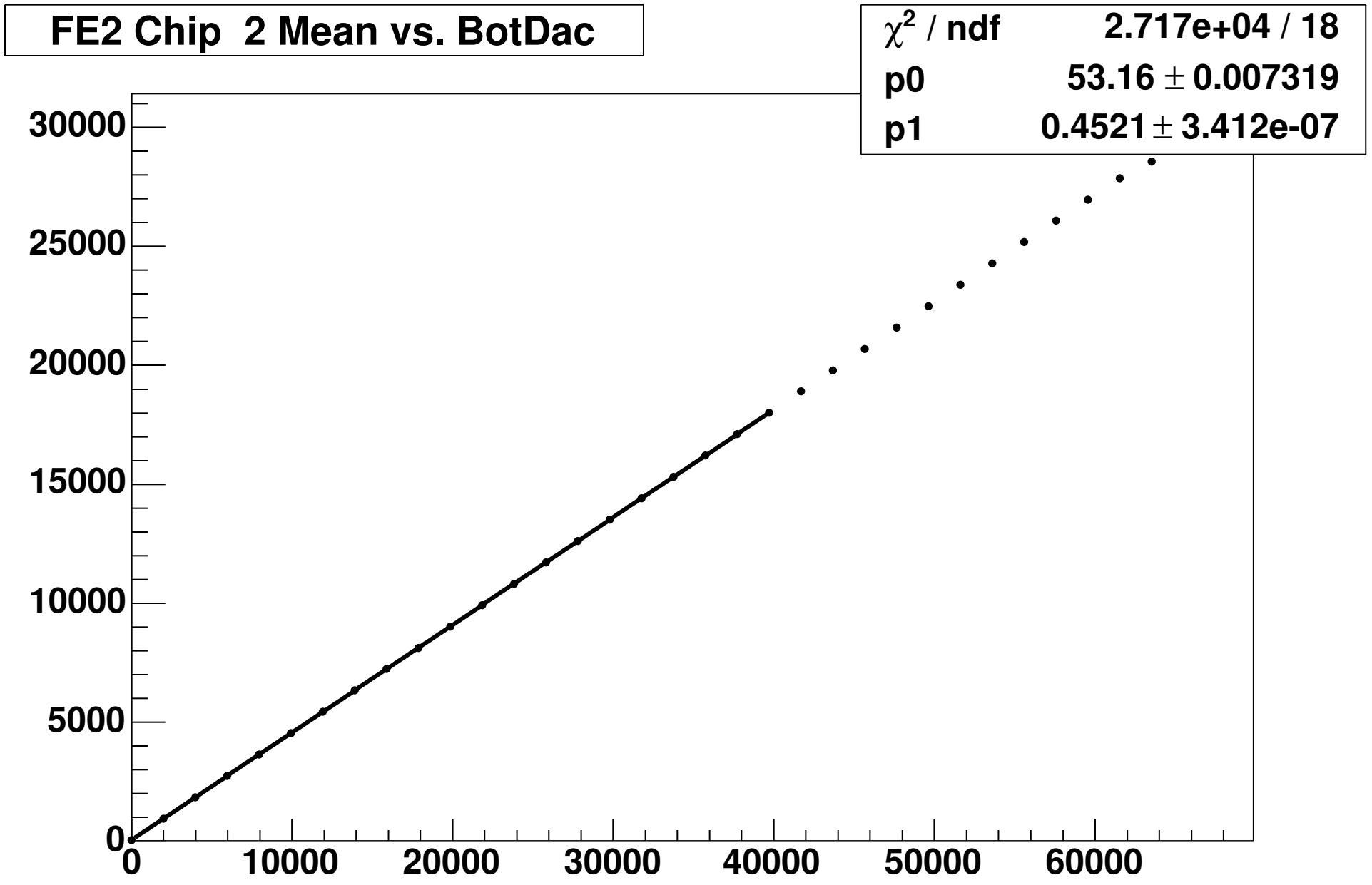

FE2 Chip 1 Rms vs. TopDac
χ² / ndf 13.9 / 18
p0 1.472 ± 0.003776
p1 1.187e-06 ± 6.264e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
20000
30000
40000
50000
60000


FE2 Chip 2 Mean vs. BotDac
χ² / ndf 2.717e+04 / 18
p0 53.16 ± 0.007319
p1 0.4521 ± 3.412e-07
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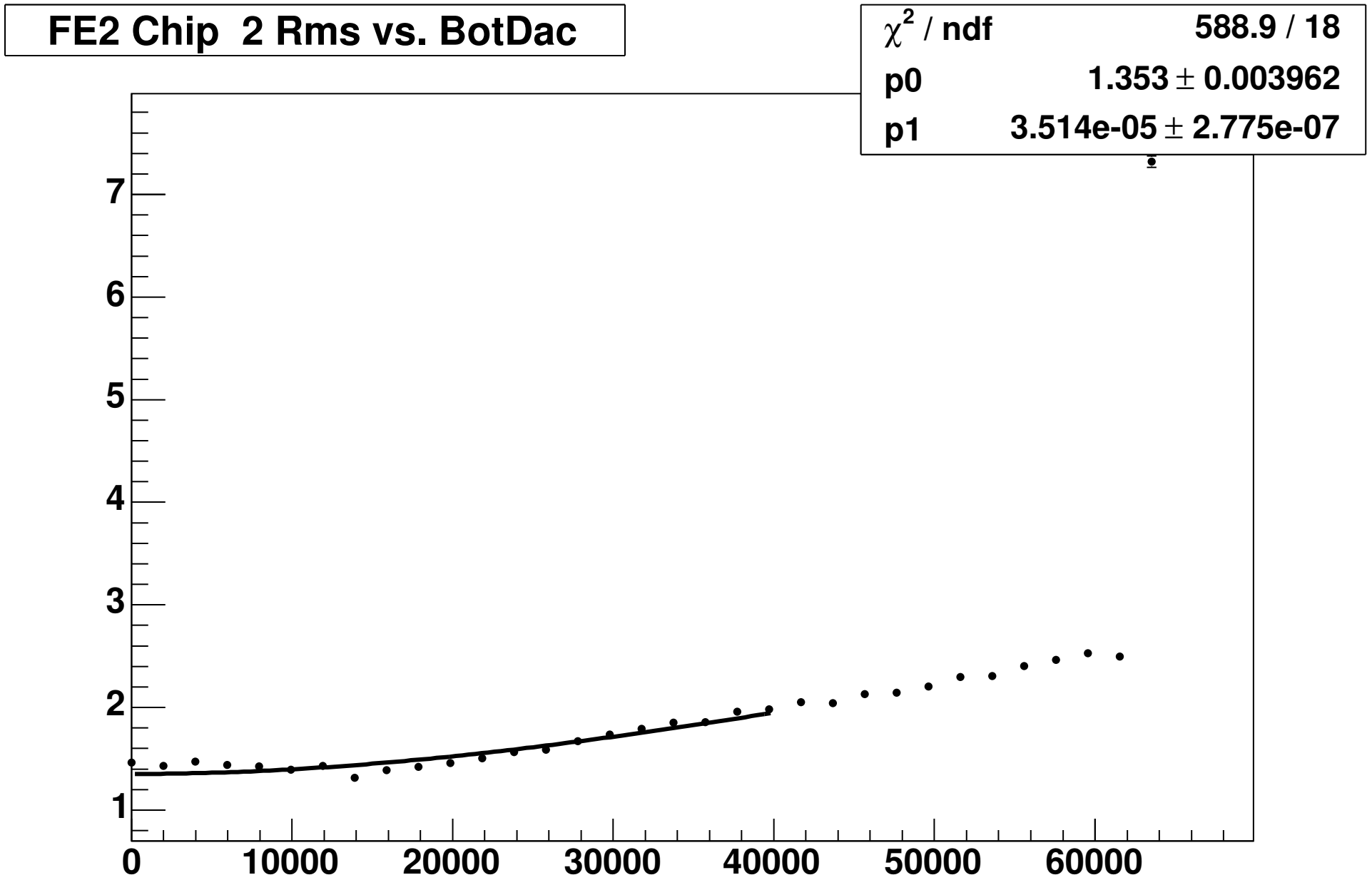
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 2 Rms vs. BotDac
χ² / ndf 588.9 / 18
p0 1.353 ± 0.003962
p1 3.514e-05 ± 2.775e-07
7
6
5
4
3
2
1
0
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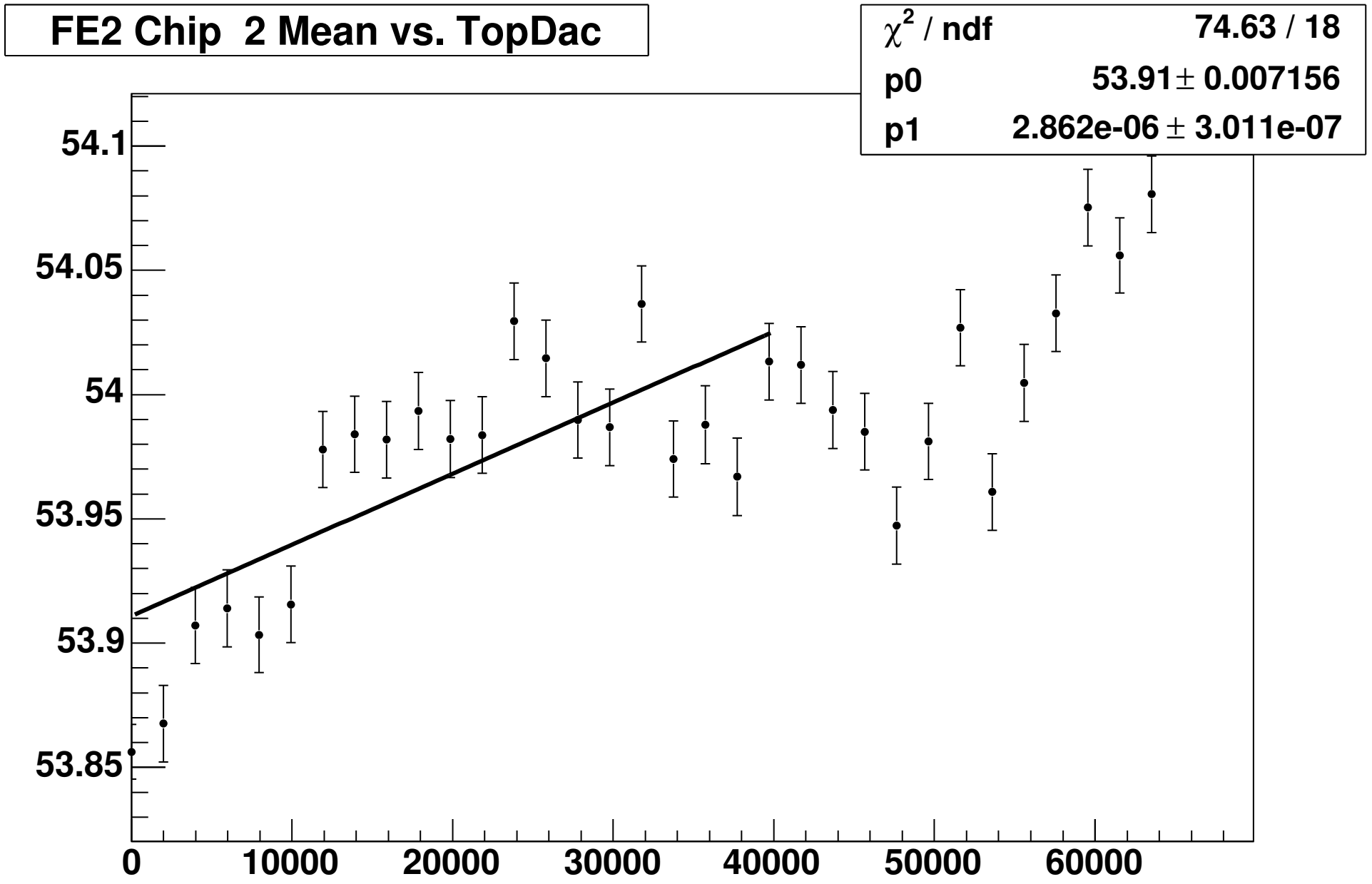
60000


FE2 Chip 2 Mean vs. TopDac
χ² / ndf 74.63 / 18
p0 53.91 ± 0.007156
p1 2.862e-06 ± 3.011e-07
54.1
54.05
54
53.95
53.9
53.85
0
10000
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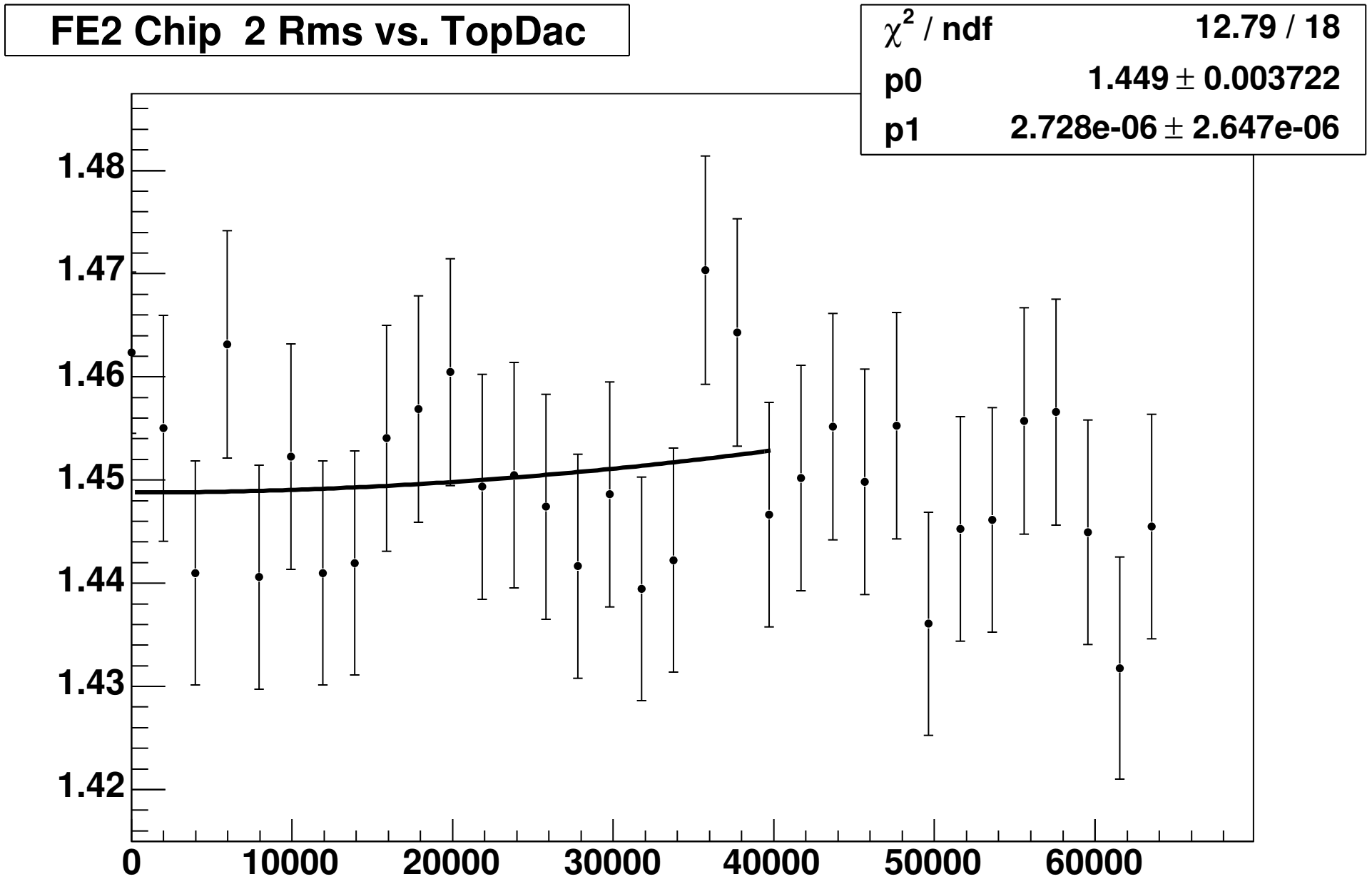
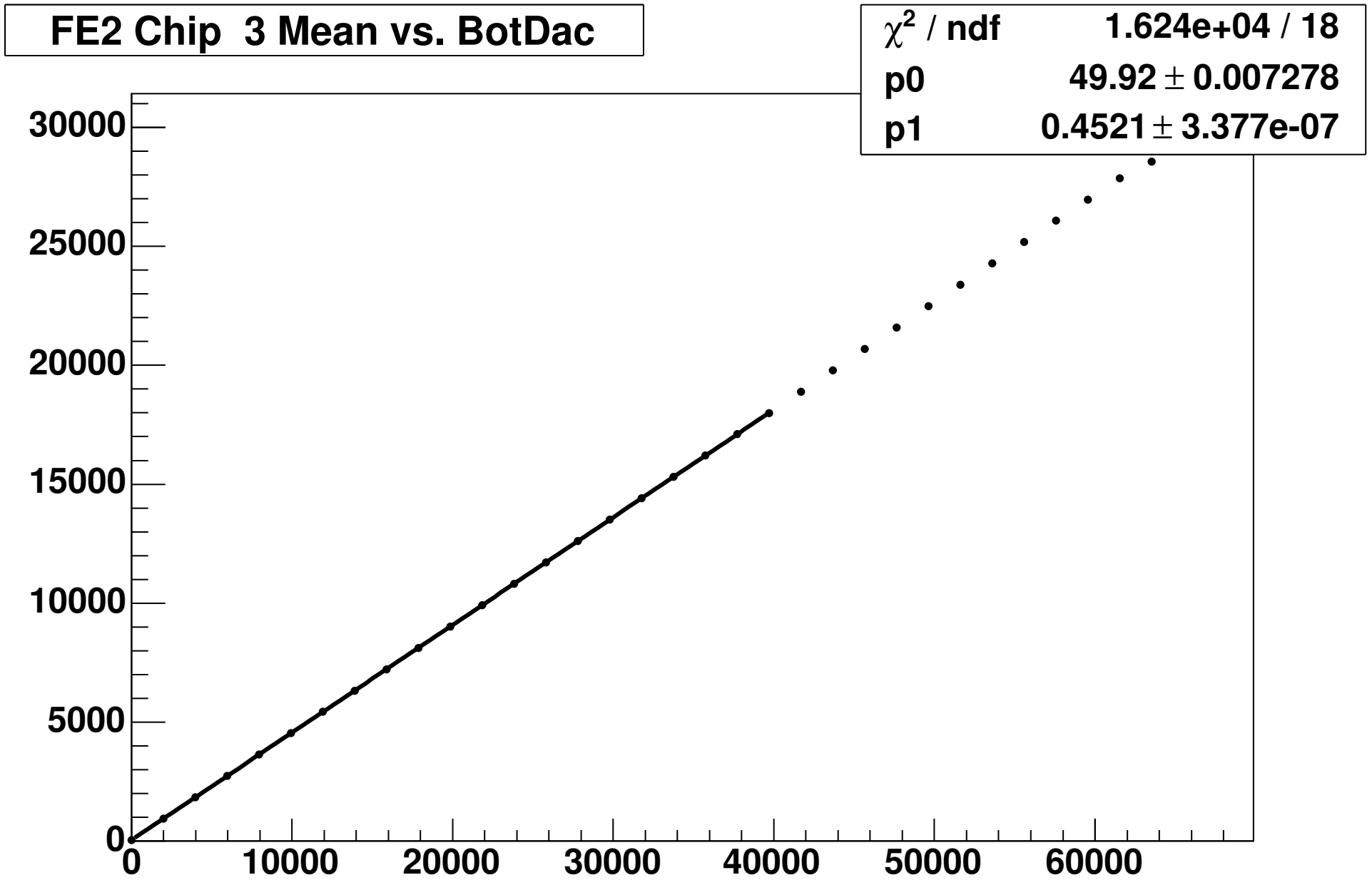
50000
60000


FE2 Chip 2 Rms vs. TopDac
χ² / ndf 12.79 / 18
p0 1.449 ± 0.003722
p1 2.728e-06 ± 2.647e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
10000
20000
30000
40000
50000
60000


FE2 Chip 3 Mean vs. BotDac
χ² / ndf 1.624e+04 / 18
p0 49.92 ± 0.007278
p1 0.4521 ± 3.377e-07
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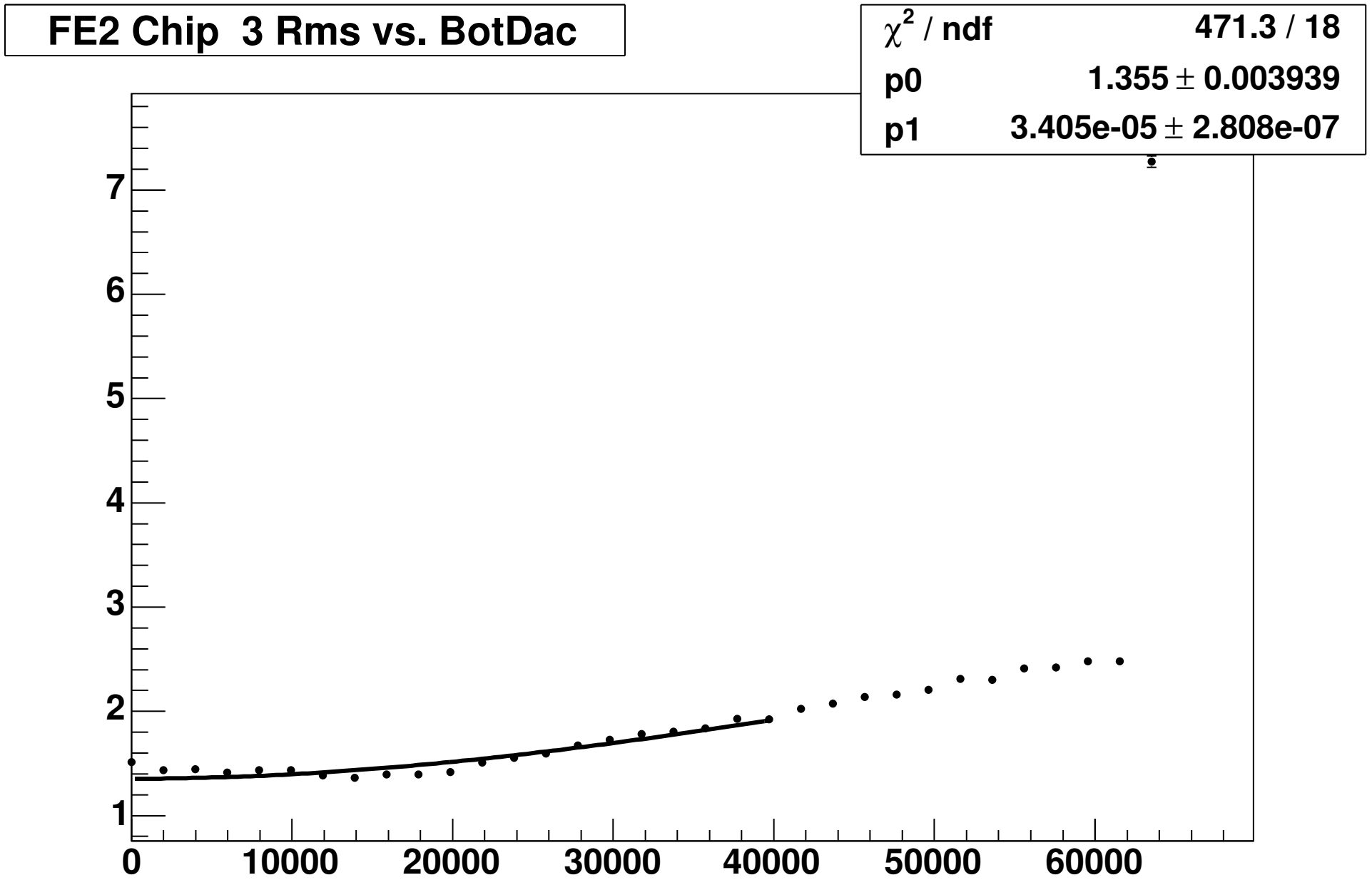
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 3 Rms vs. BotDac
χ² / ndf 471.3 / 18
p0 1.355 ± 0.003939
p1 3.405e-05 ± 2.808e-07
7
6
5
4
3
2
1
0
10000
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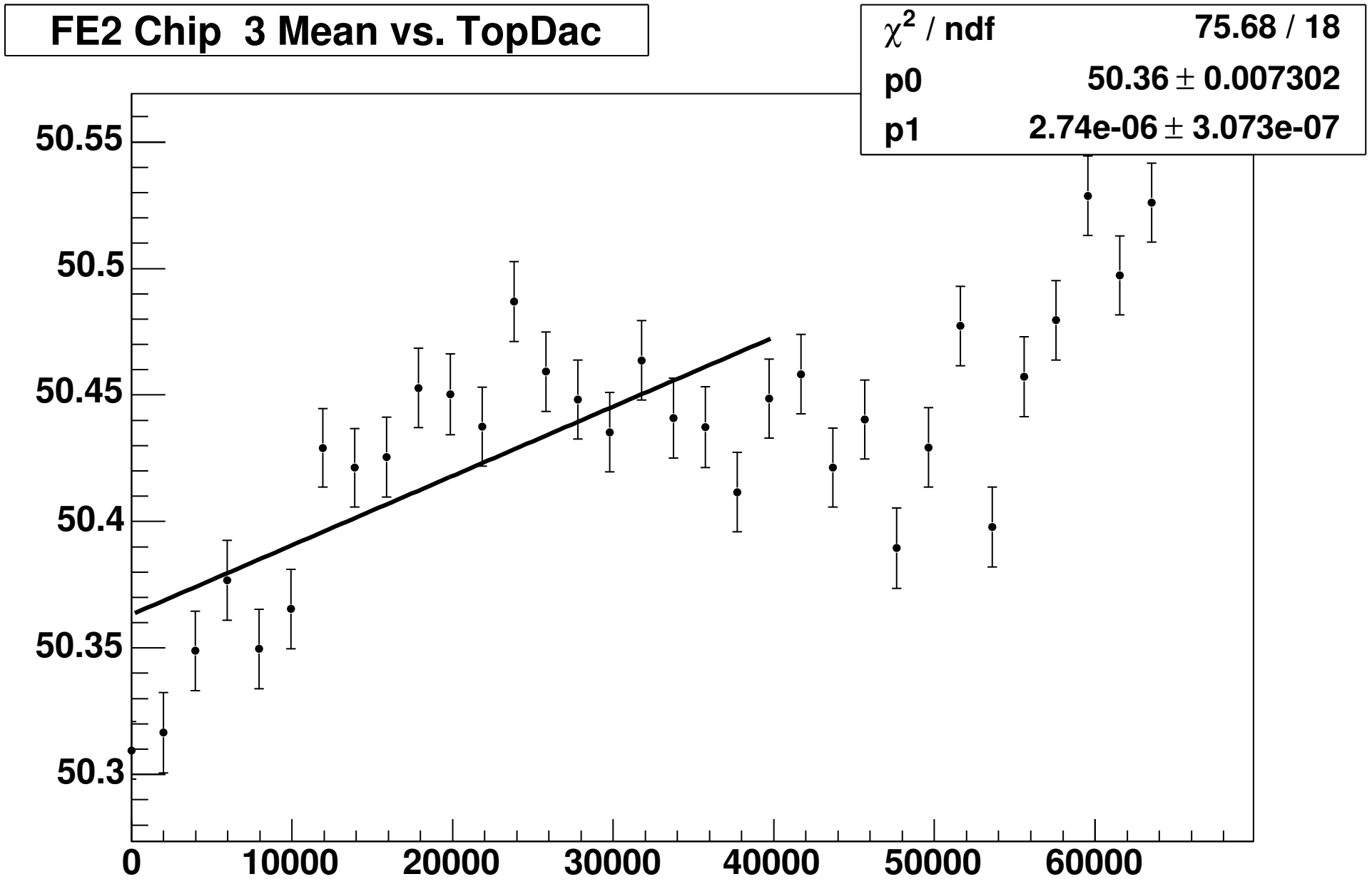
30000
40000
50000
60000


FE2 Chip 3 Mean vs. TopDac
χ² / ndf 75.68 / 18
p0 50.36 ± 0.007302
p1 2.74e-06 ± 3.073e-07
50.55
50.5
50.45
50.4
50.35
50.3
0
10000
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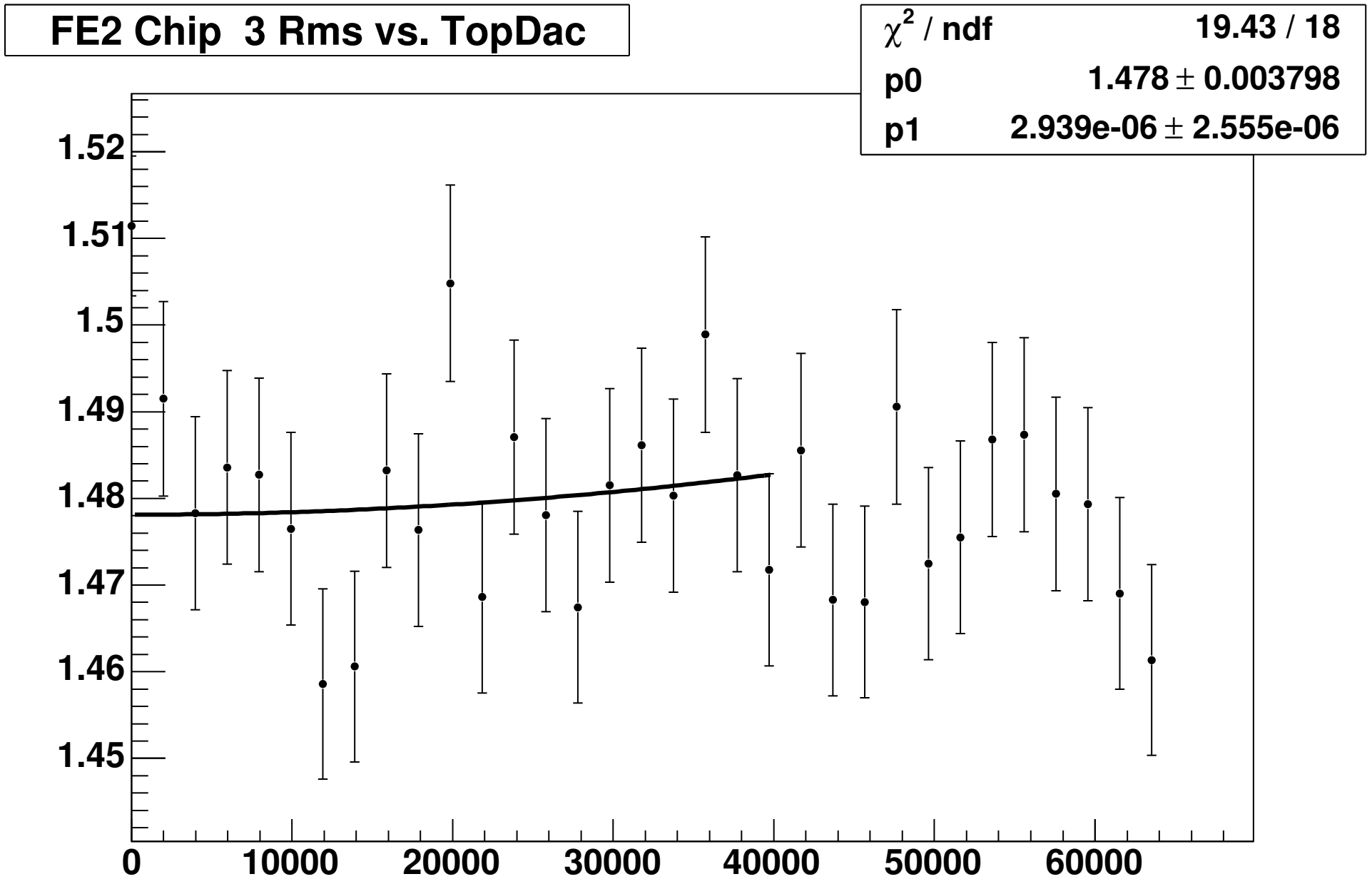
30000
40000
50000
60000


FE2 Chip 3 Rms vs. TopDac
χ² / ndf 19.43 / 18
p0 1.478 ± 0.003798
p1 2.939e-06 ± 2.555e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
0
10000
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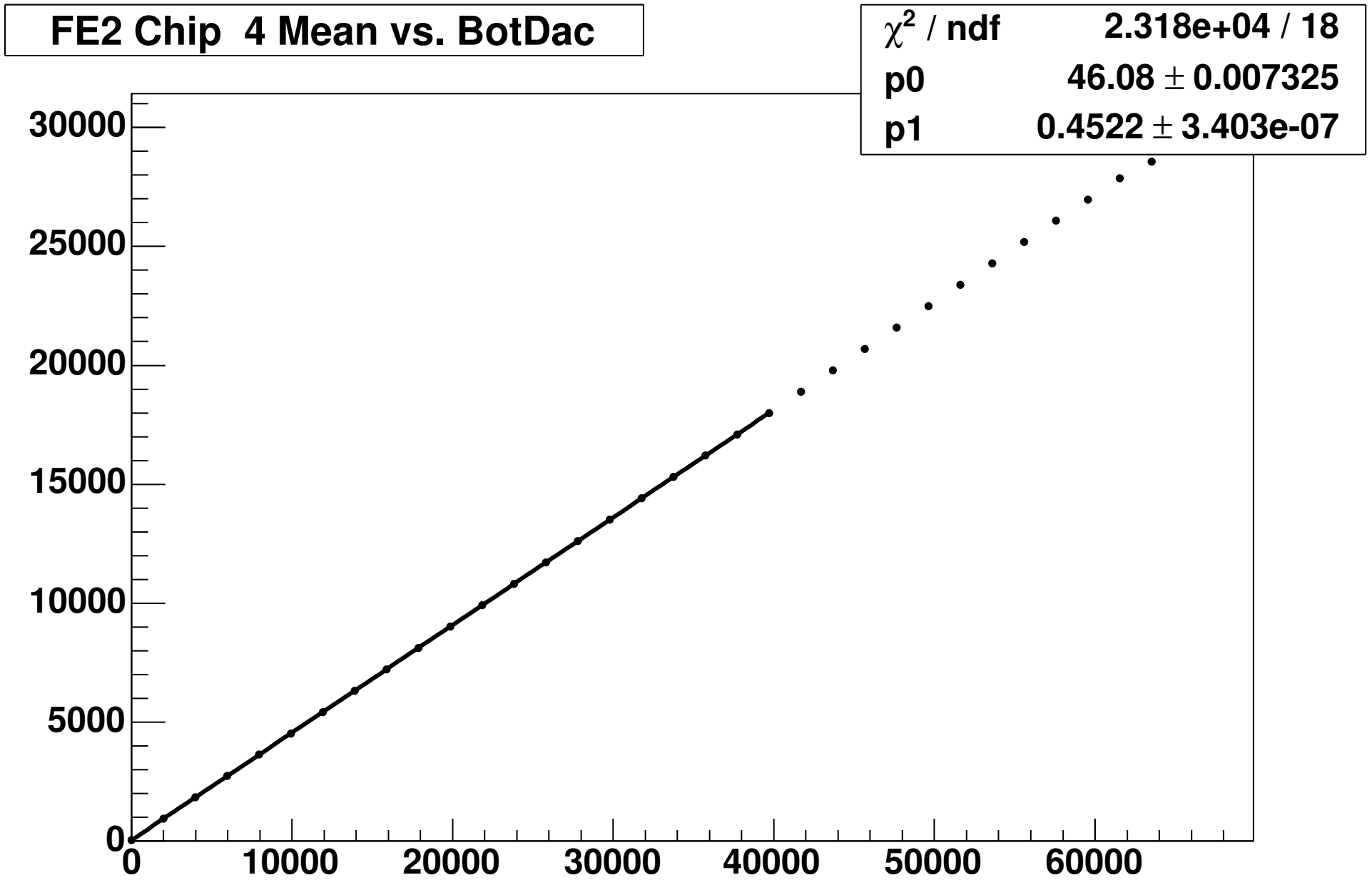
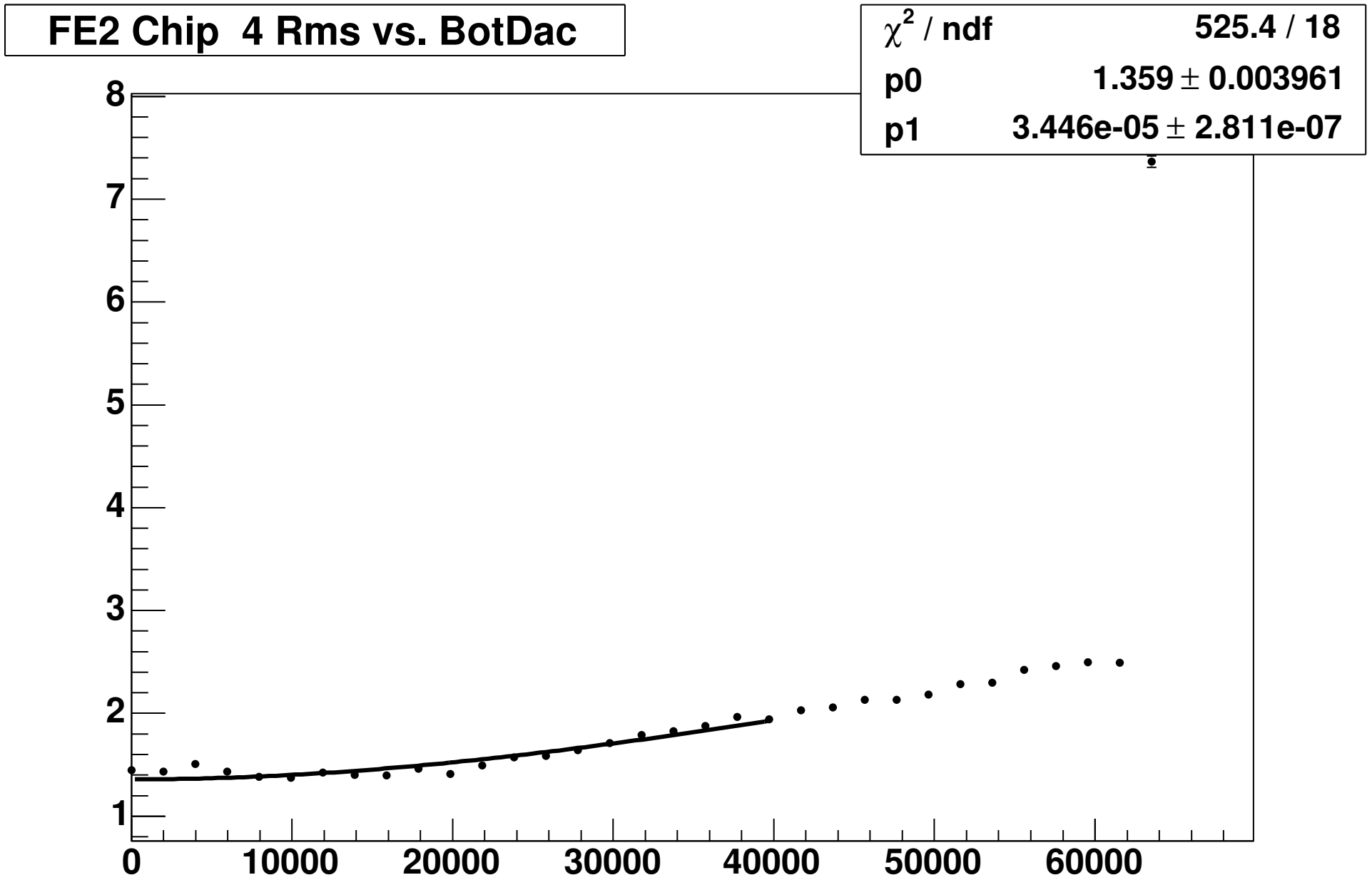
30000
40000
50000
60000


FE2 Chip 4 Mean vs. BotDac
χ² / ndf 2.318e+04 / 18
p0 46.08 ± 0.007325
p1 0.4522 ± 3.403e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 4 Rms vs. BotDac
χ² / ndf 525.4 / 18
p0 1.359 ± 0.003961
p1 3.446e-05 ± 2.811e-07
8
7
6
5
4
3
2
1
0
10000
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30000
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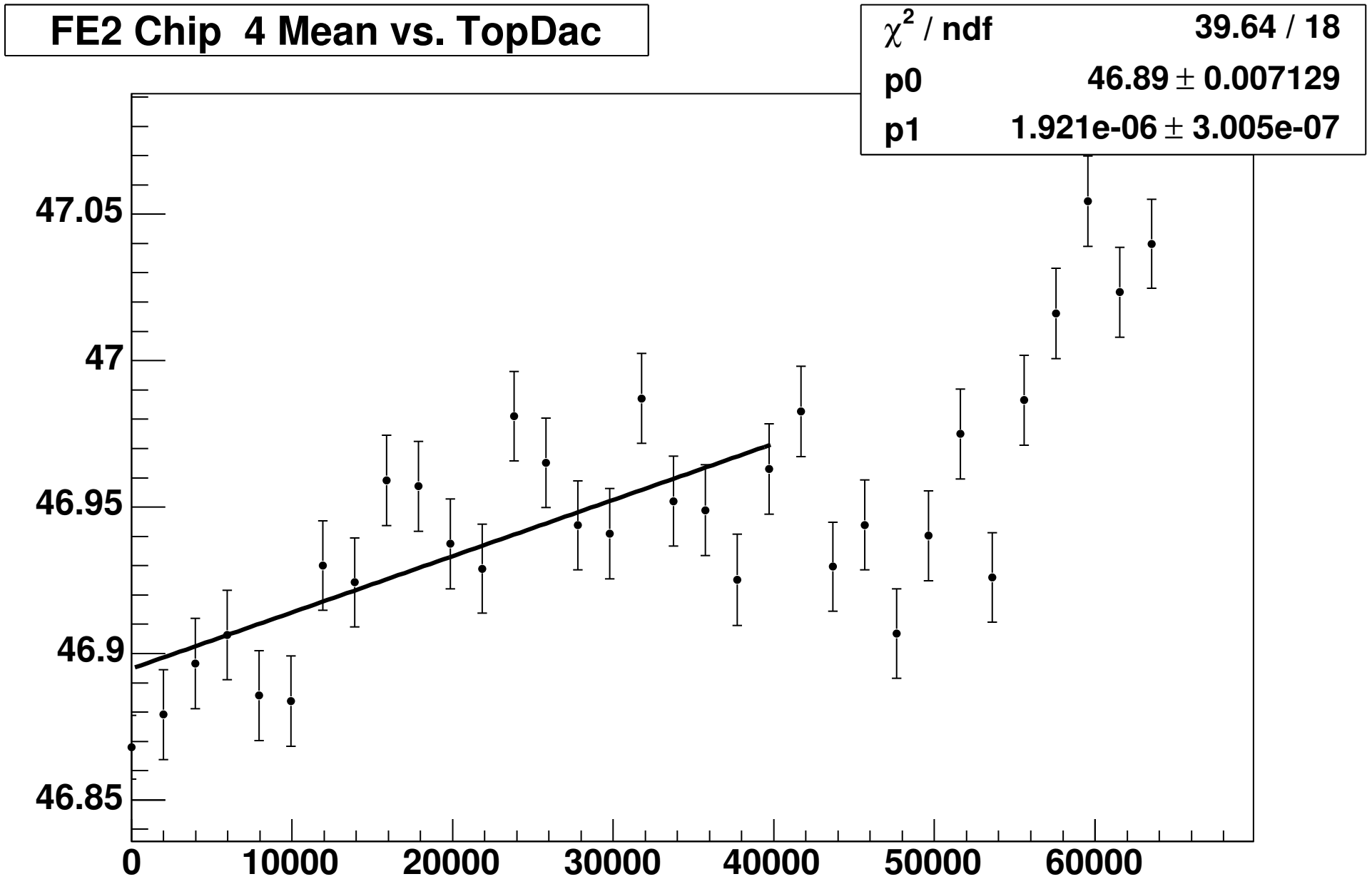
60000


FE2 Chip 4 Mean vs. TopDac
χ² / ndf 39.64 / 18
p0 46.89 ± 0.007129
p1 1.921e-06 ± 3.005e-07
47.05
47
46.95
46.9
46.85
0
10000
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30000
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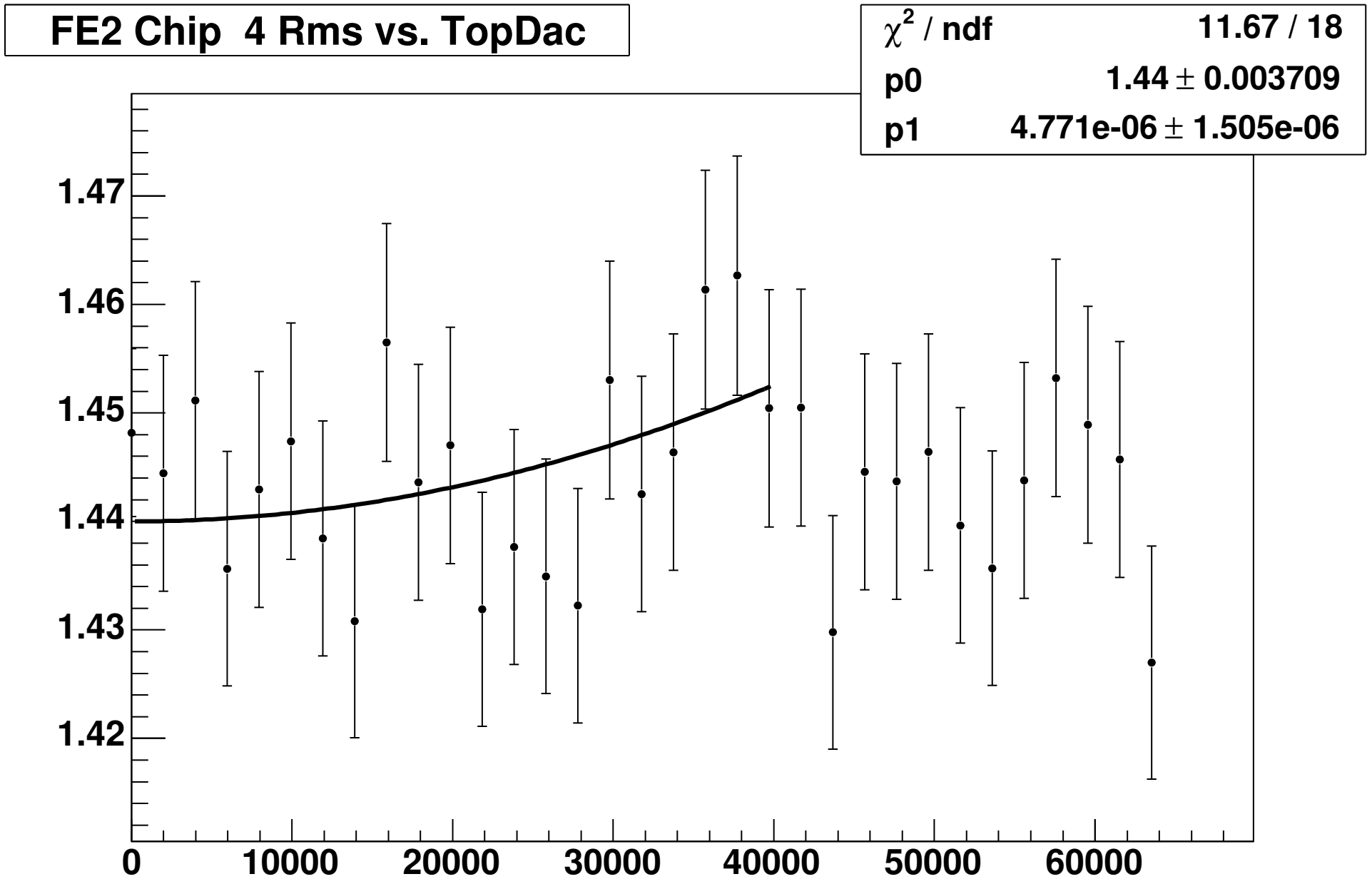
50000
60000


FE2 Chip 4 Rms vs. TopDac
χ² / ndf 11.67 / 18
p0 1.44 ± 0.003709
p1 4.771e-06 ± 1.505e-06
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1.46
1.45
1.44
1.43
1.42
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10000
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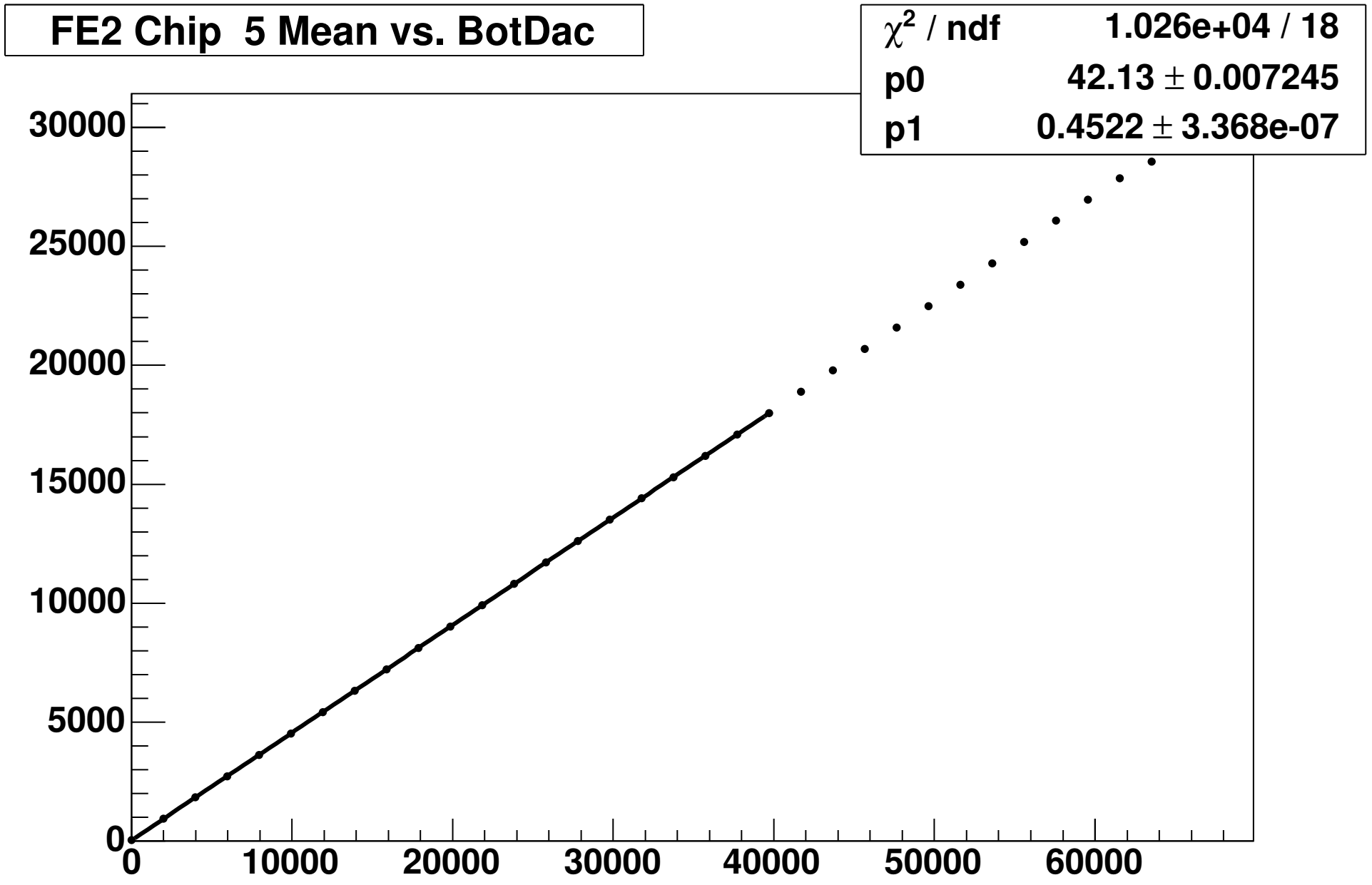
FE2 Chip 5 Mean vs. BotDac
χ² / ndf 1.026e+04 / 18
p0 42.13 ± 0.007245
p1 0.4522 ± 3.368e-07
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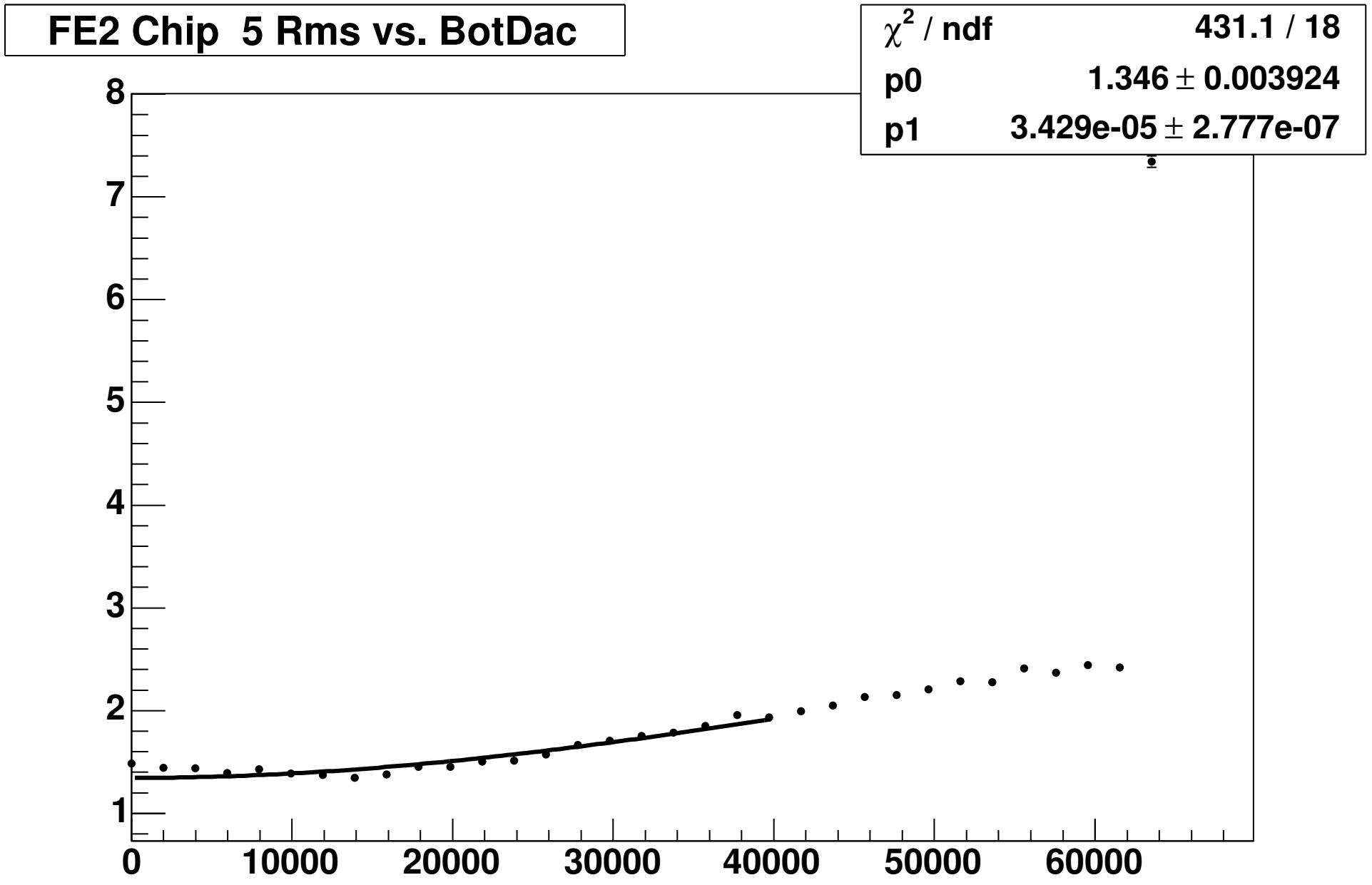
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 5 Rms vs. BotDac
χ² / ndf 431.1 / 18
p0 1.346 ± 0.003924
p1 3.429e-05 ± 2.777e-07
8
7
6
5
4
3
2
1
0
10000
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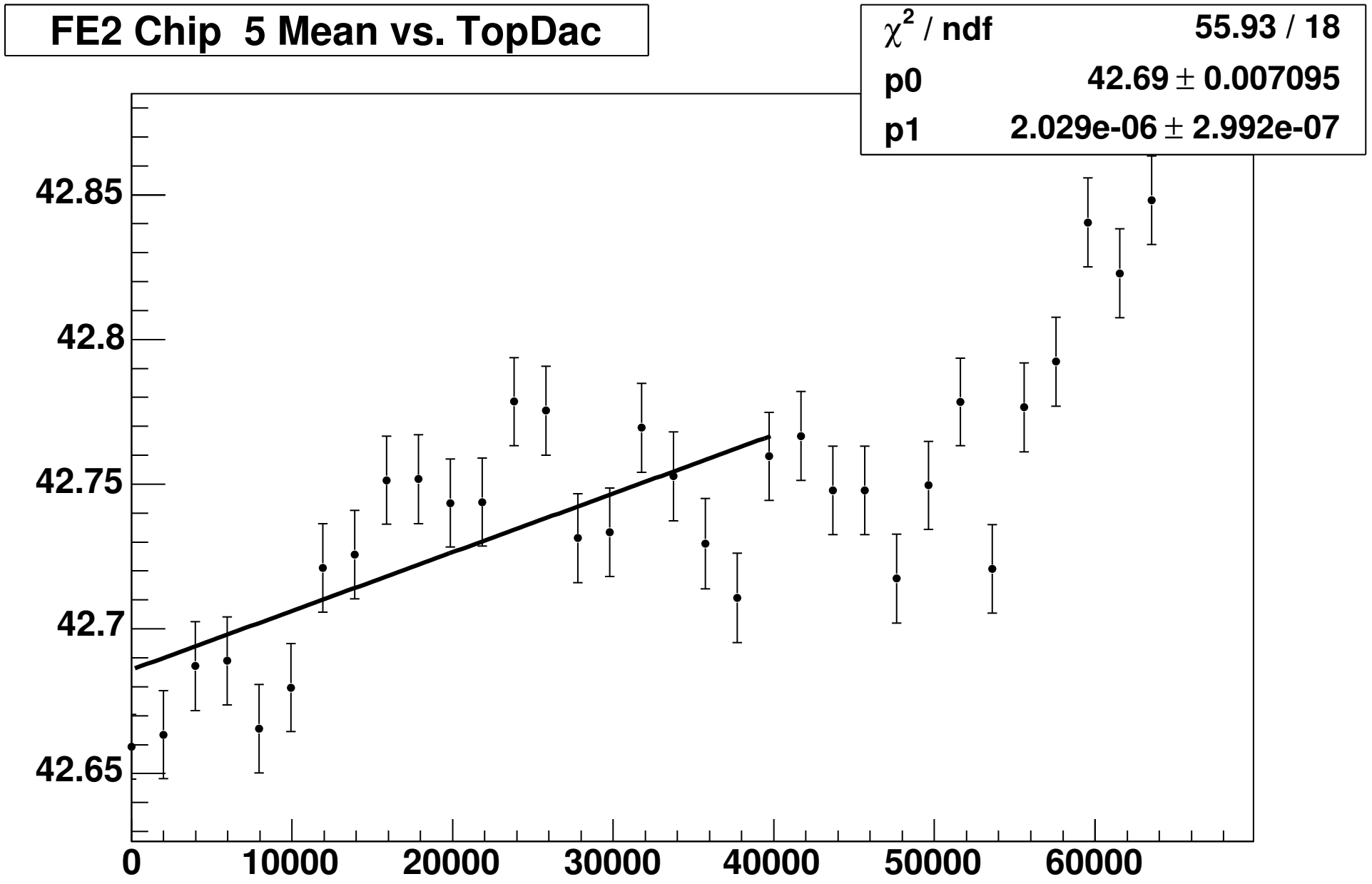
40000
50000
60000


FE2 Chip 5 Mean vs. TopDac
χ² / ndf 55.93 / 18
p0 42.69 ± 0.007095
p1 2.029e-06 ± 2.992e-07
42.85
42.8
42.75
42.7
42.65
0
10000
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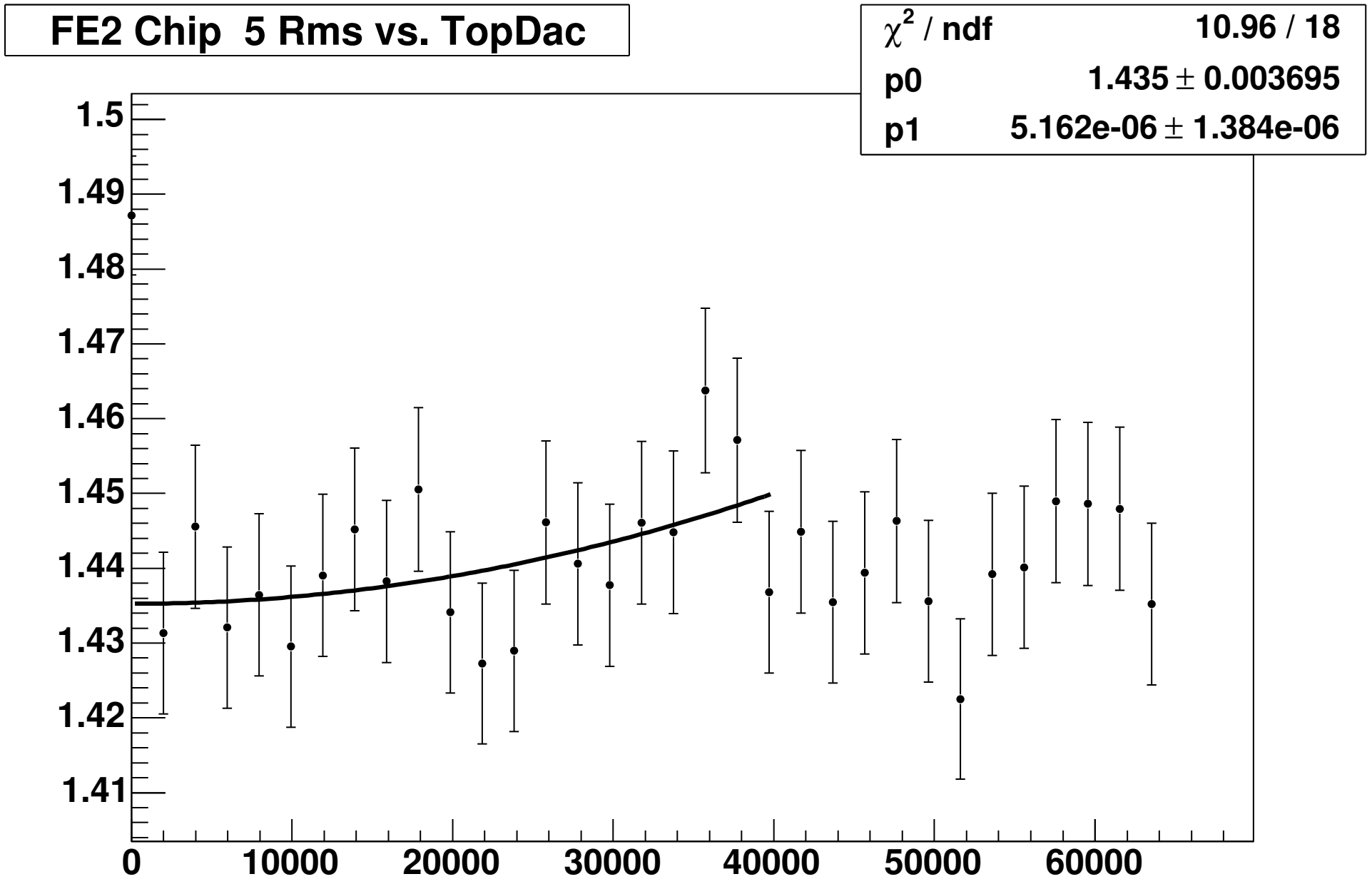
40000
50000
60000


FE2 Chip 5 Rms vs. TopDac
χ² / ndf 10.96 / 18
p0 1.435 ± 0.003695
p1 5.162e-06 ± 1.384e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
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10000
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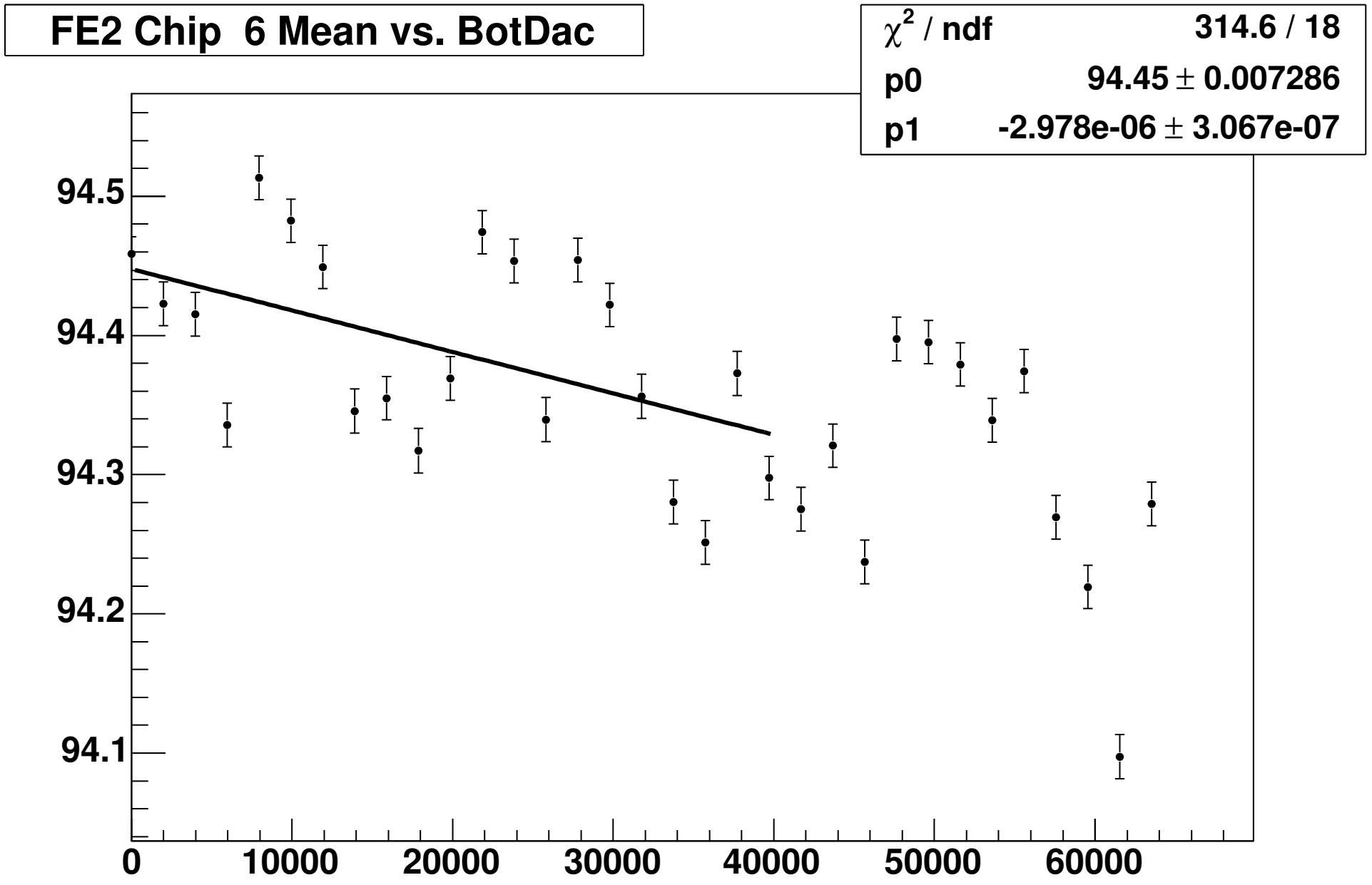
FE2 Chip 6 Mean vs. BotDac
χ² / ndf 314.6 / 18
p0 94.45 ± 0.007286
p1 -2.978e-06 ± 3.067e-07
94.5
94.4
94.3
94.2
94.1
0
10000
20000
30000
40000
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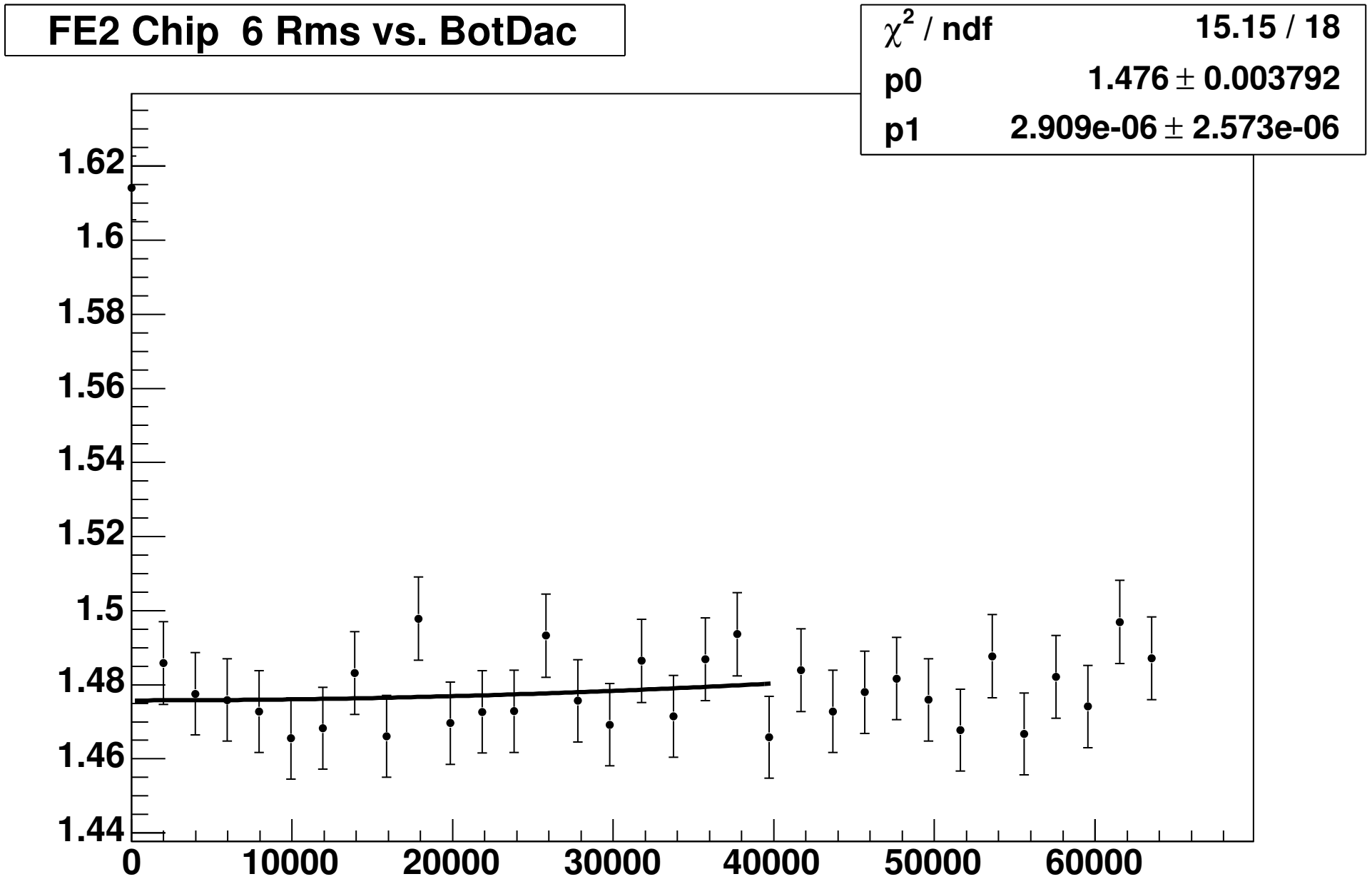
FE2 Chip 6 Rms vs. BotDac
χ² / ndf 15.15 / 18
p0 1.476 ± 0.003792
p1 2.909e-06 ± 2.573e-06
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
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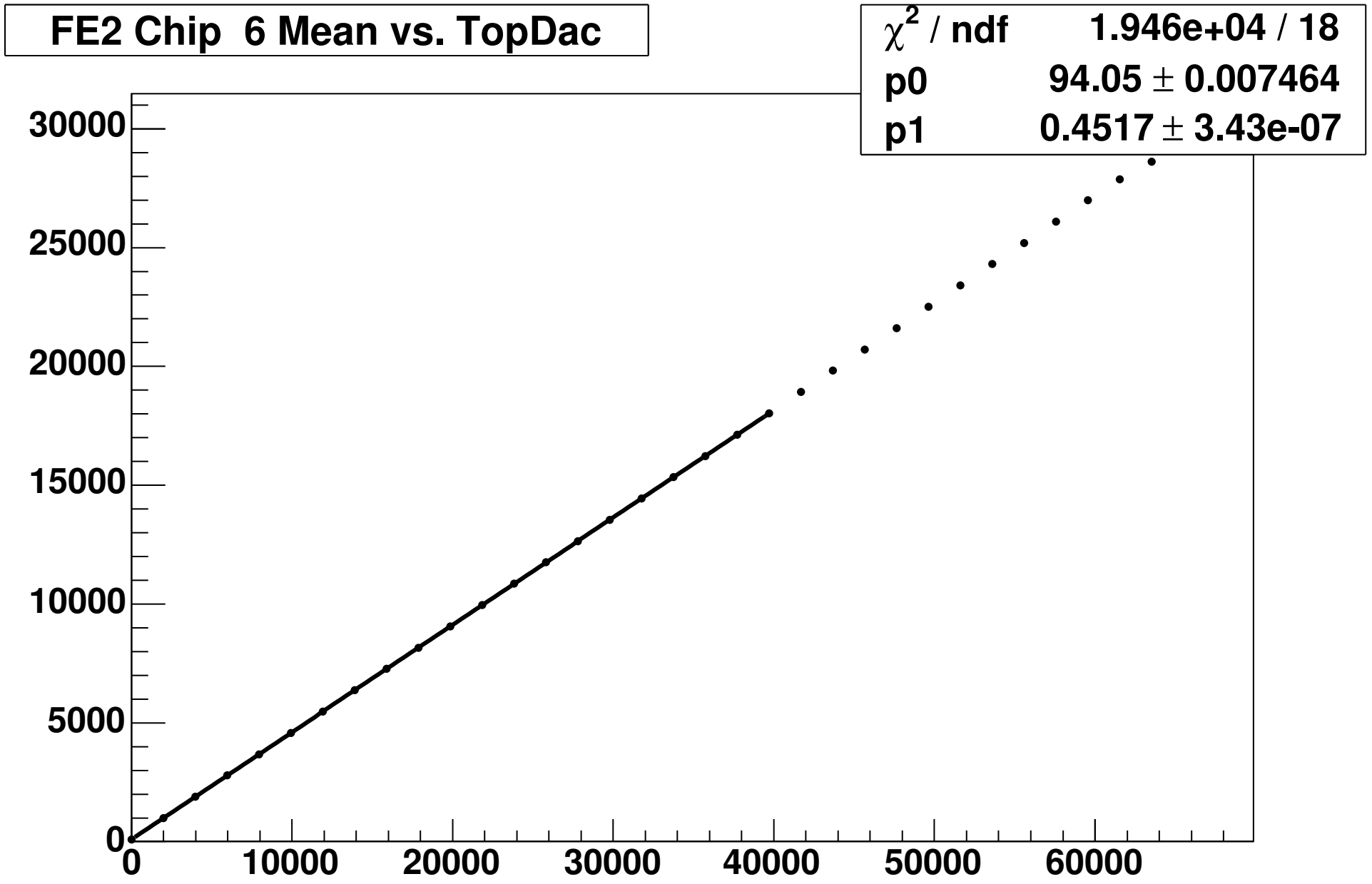
FE2 Chip 6 Mean vs. TopDac
χ² / ndf 1.946e+04 / 18
p0 94.05 ± 0.007464
p1 0.4517 ± 3.43e-07
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15000
10000
5000
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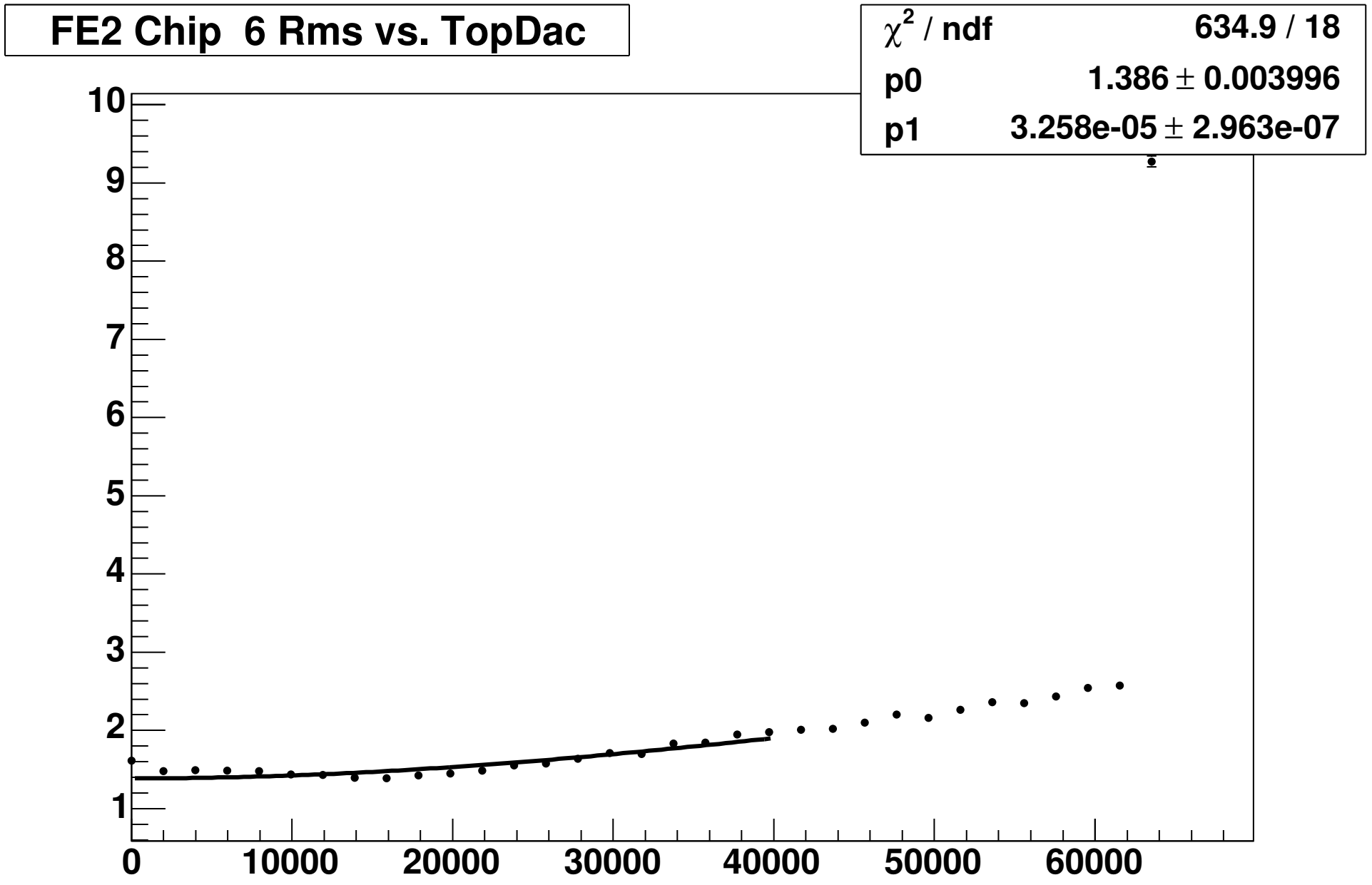
10000
20000
30000
40000
50000
60000


FE2 Chip 6 Rms vs. TopDac
χ² / ndf 634.9 / 18
p0 1.386 ± 0.003996
p1 3.258e-05 ± 2.963e-07
10
9
8
7
6
5
4
3
2
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10000
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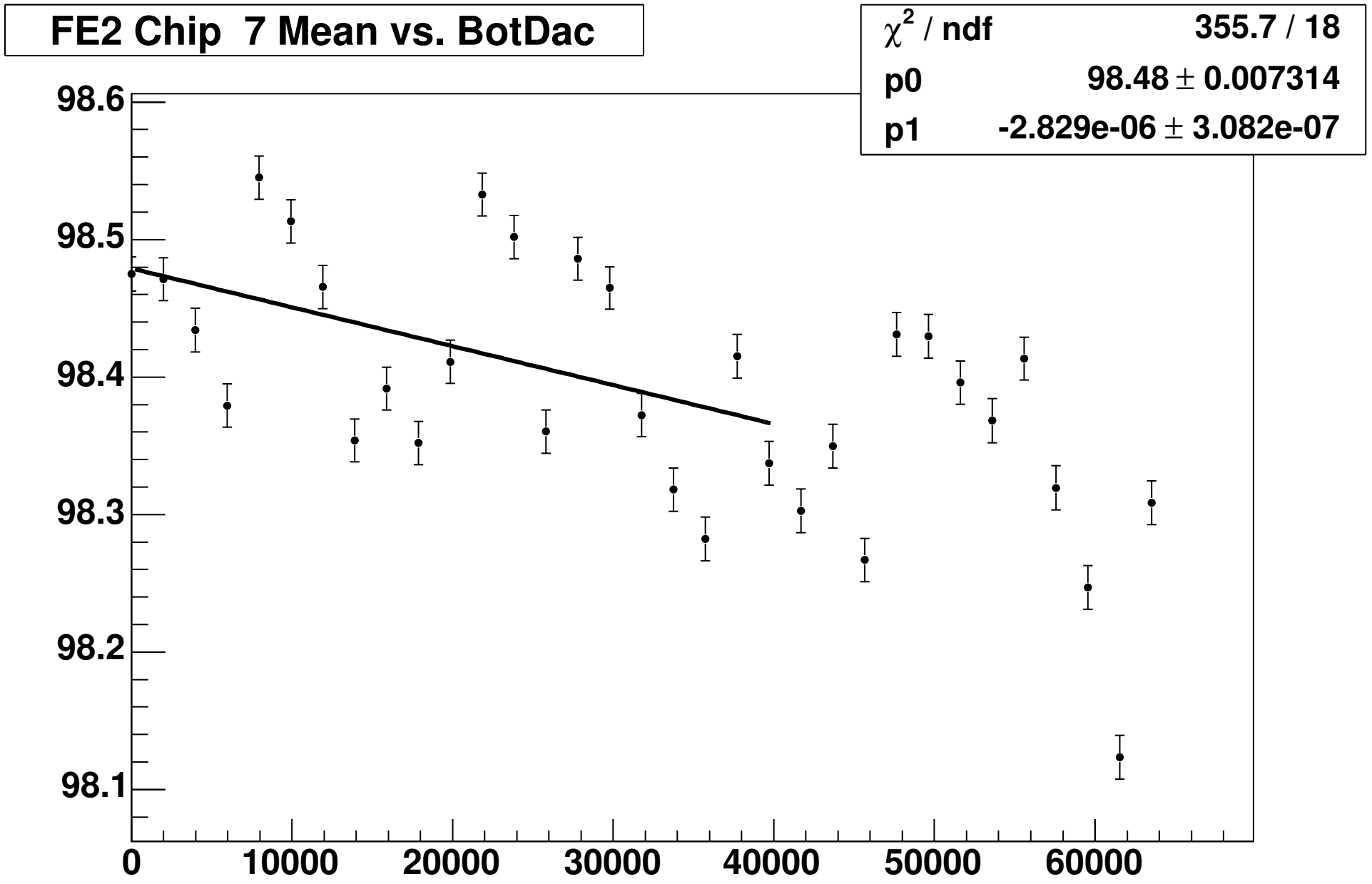
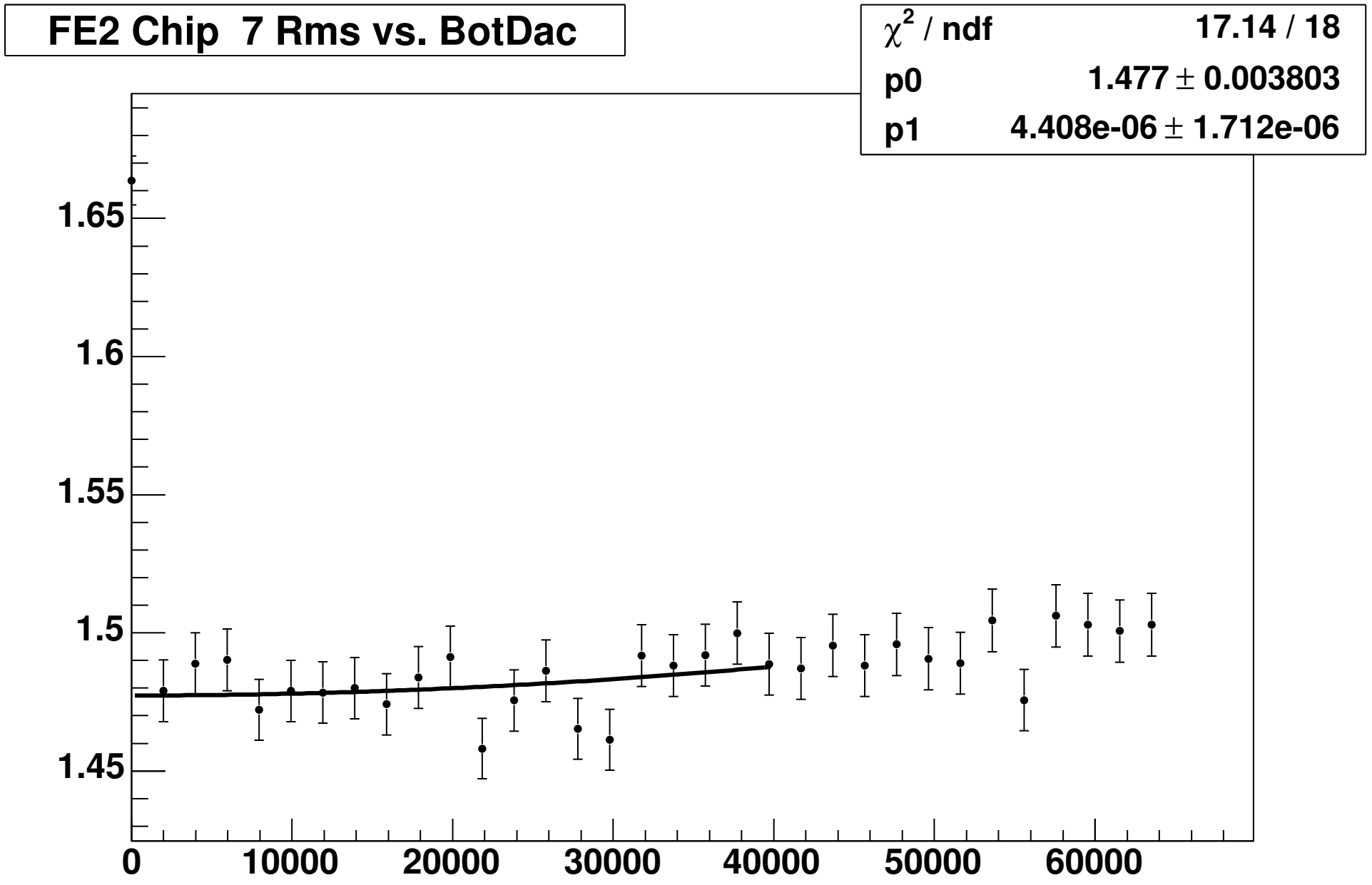
50000
60000


FE2 Chip 7 Mean vs. BotDac
χ² / ndf 355.7 / 18
p0 98.48 ± 0.007314
p1 -2.829e-06 ± 3.082e-07
98.6
98.5
98.4
98.3
98.2
98.1
0
10000
20000
30000
40000
50000
60000


FE2 Chip 7 Rms vs. BotDac
χ² / ndf 17.14 / 18
p0 1.477 ± 0.003803
p1 4.408e-06 ± 1.712e-06
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1.6
1.55
1.5
1.45
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10000
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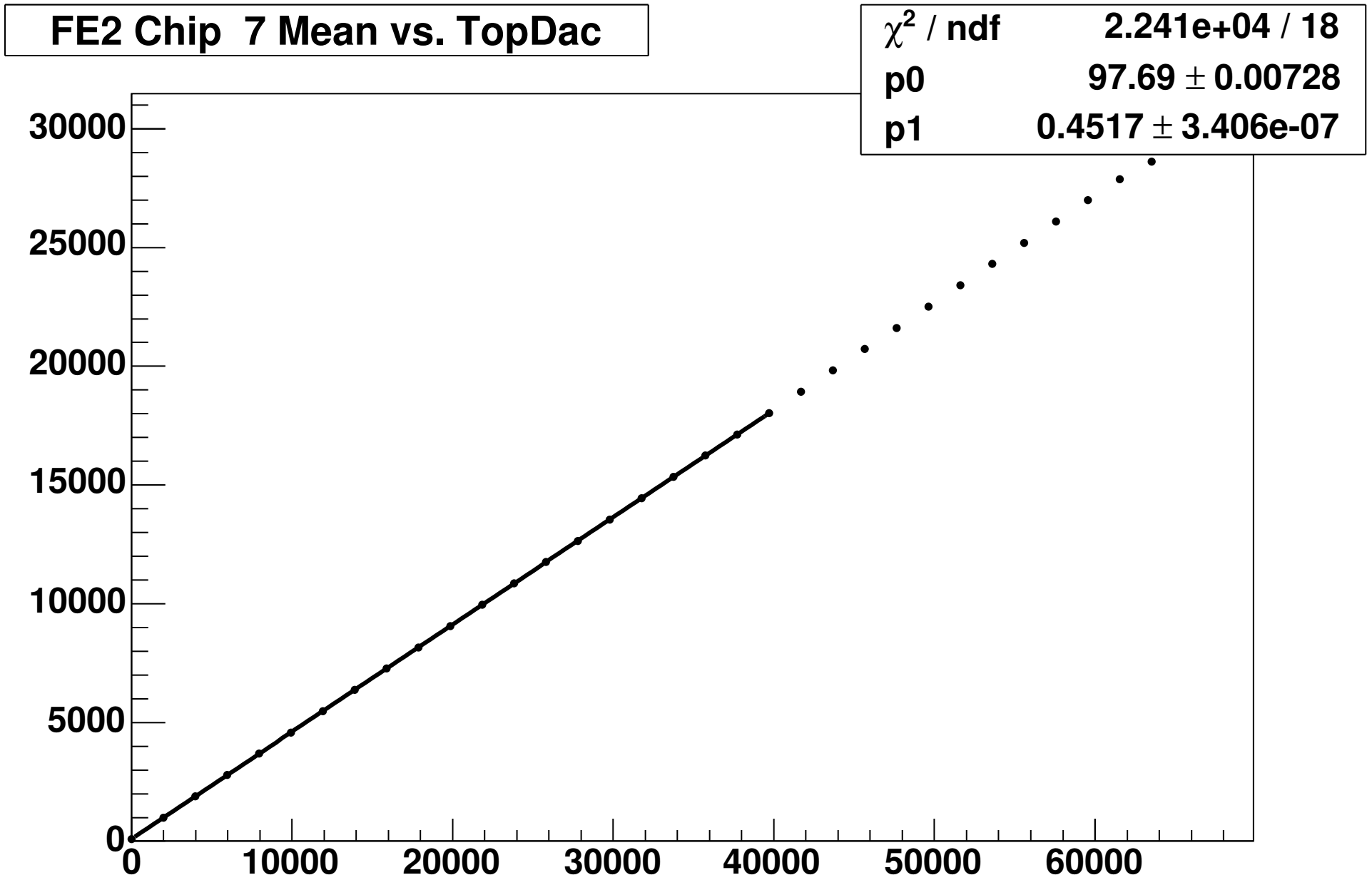
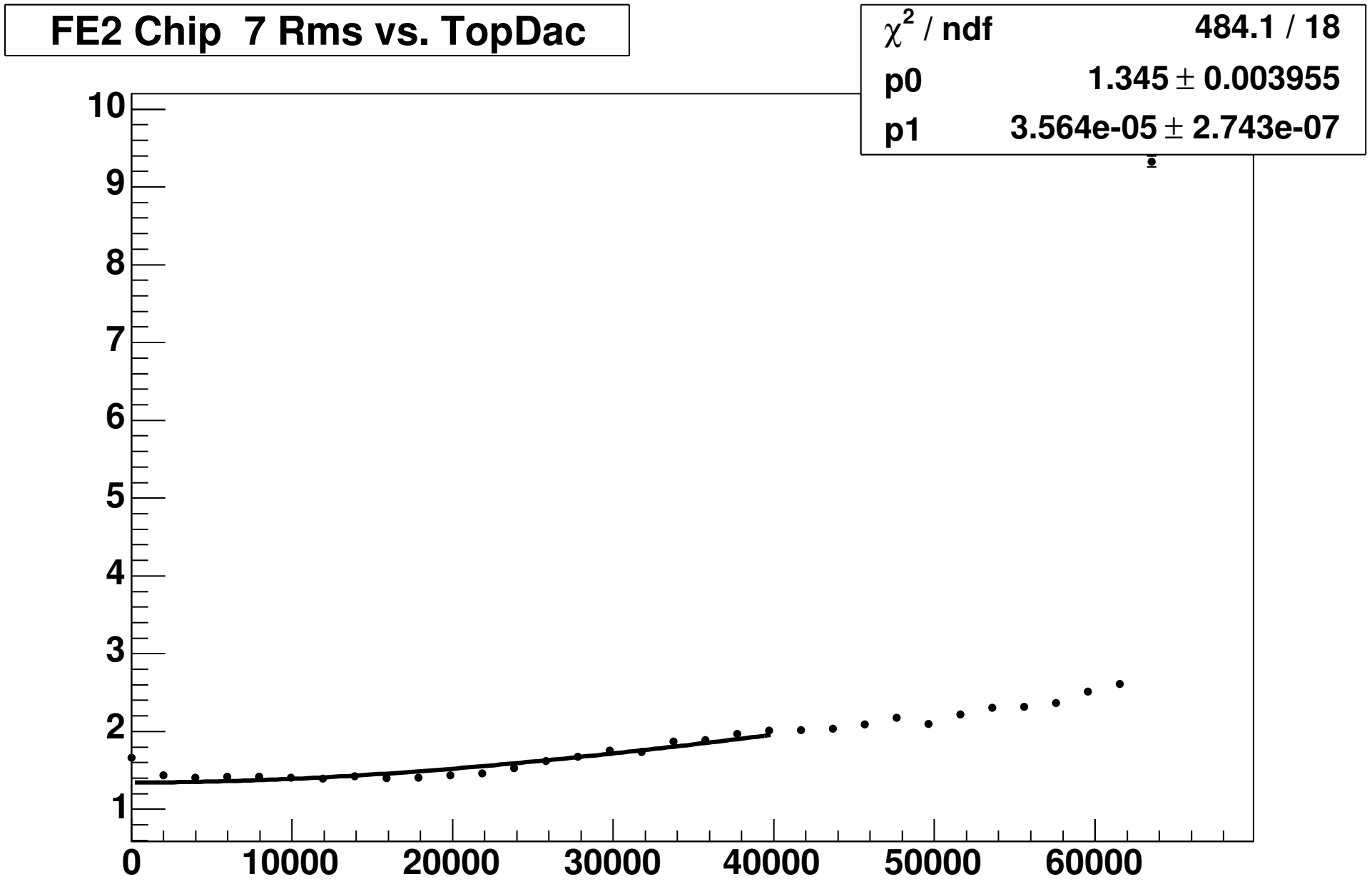
60000


FE2 Chip 7 Mean vs. TopDac
χ² / ndf 2.241e+04 / 18
p0 97.69 ± 0.00728
p1 0.4517 ± 3.406e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 7 Rms vs. TopDac
χ² / ndf 484.1 / 18
p0 1.345 ± 0.003955
p1 3.564e-05 ± 2.743e-07
10
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4
3
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0
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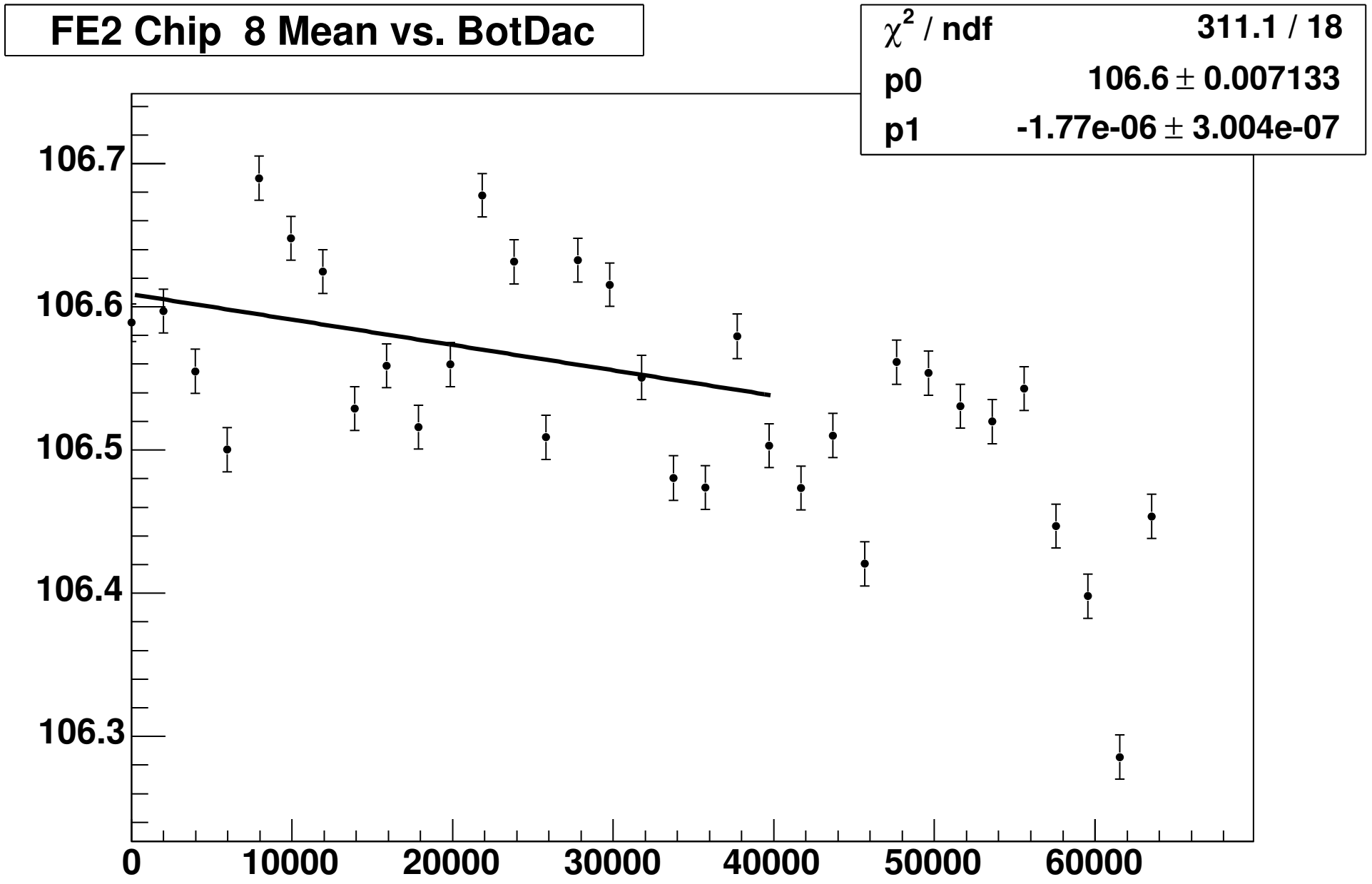
FE2 Chip 8 Mean vs. BotDac
χ² / ndf 311.1 / 18
p0 106.6 ± 0.007133
p1 -1.77e-06 ± 3.004e-07
106.7
106.6
106.5
106.4
106.3
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10000
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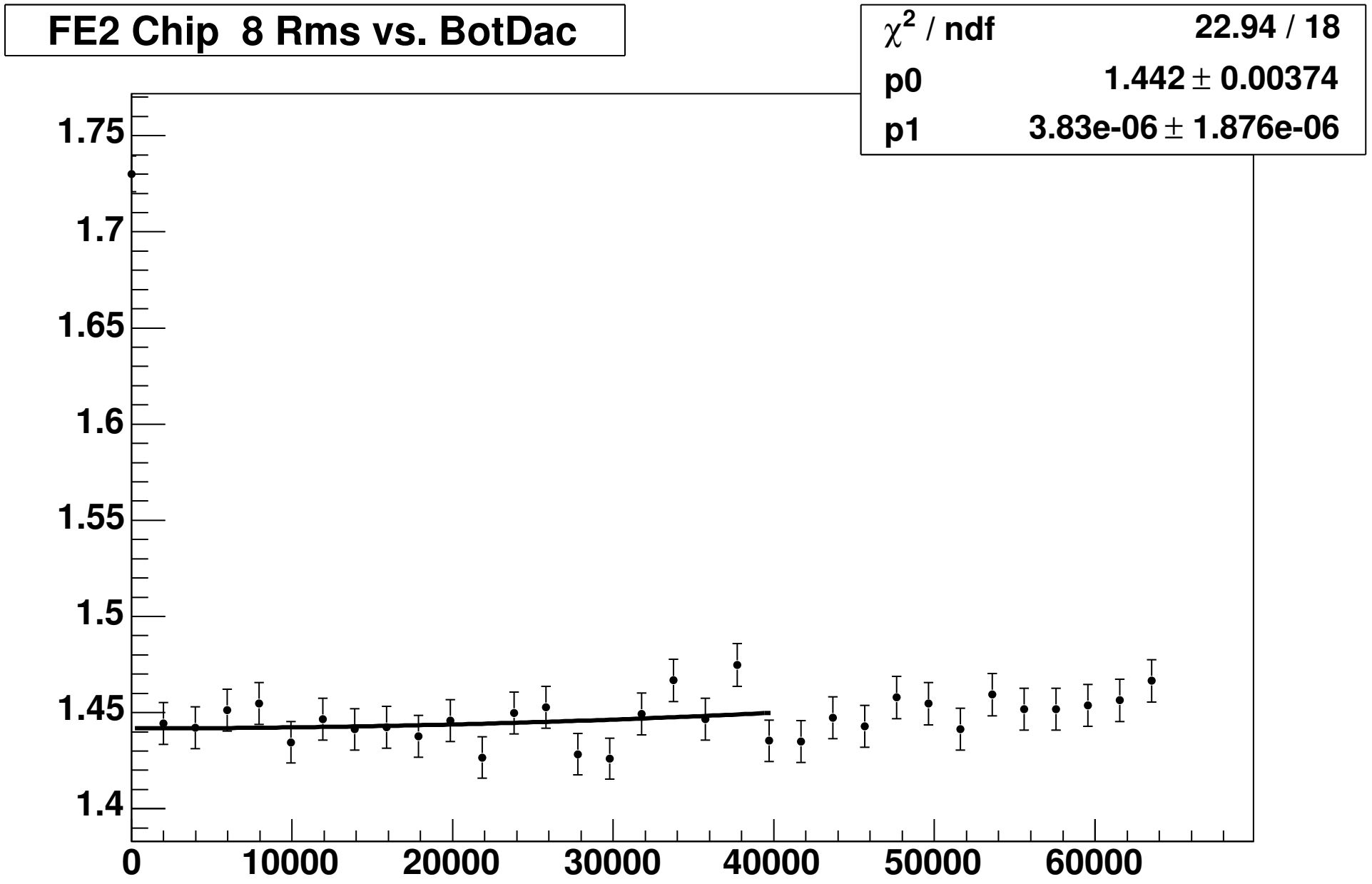
FE2 Chip 8 Rms vs. BotDac
χ² / ndf 22.94 / 18
p0 1.442 ± 0.00374
p1 3.83e-06 ± 1.876e-06
1.75
1.7
1.65
1.6
1.55
1.5
1.45
1.4
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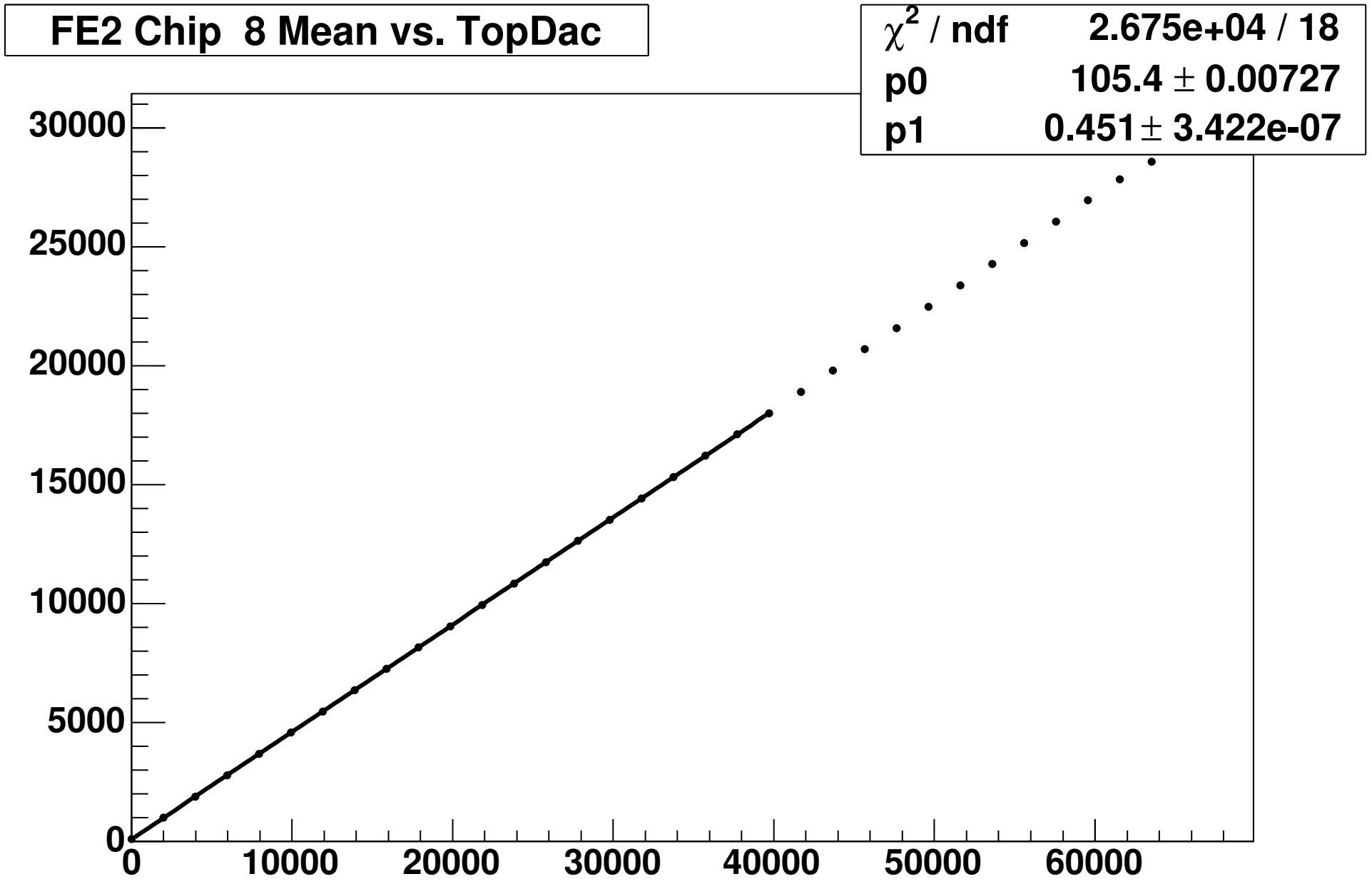
FE2 Chip 8 Mean vs. TopDac
χ² / ndf 2.675e+04 / 18
p0 105.4 ± 0.00727
p1 0.451 ± 3.422e-07
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0
10000
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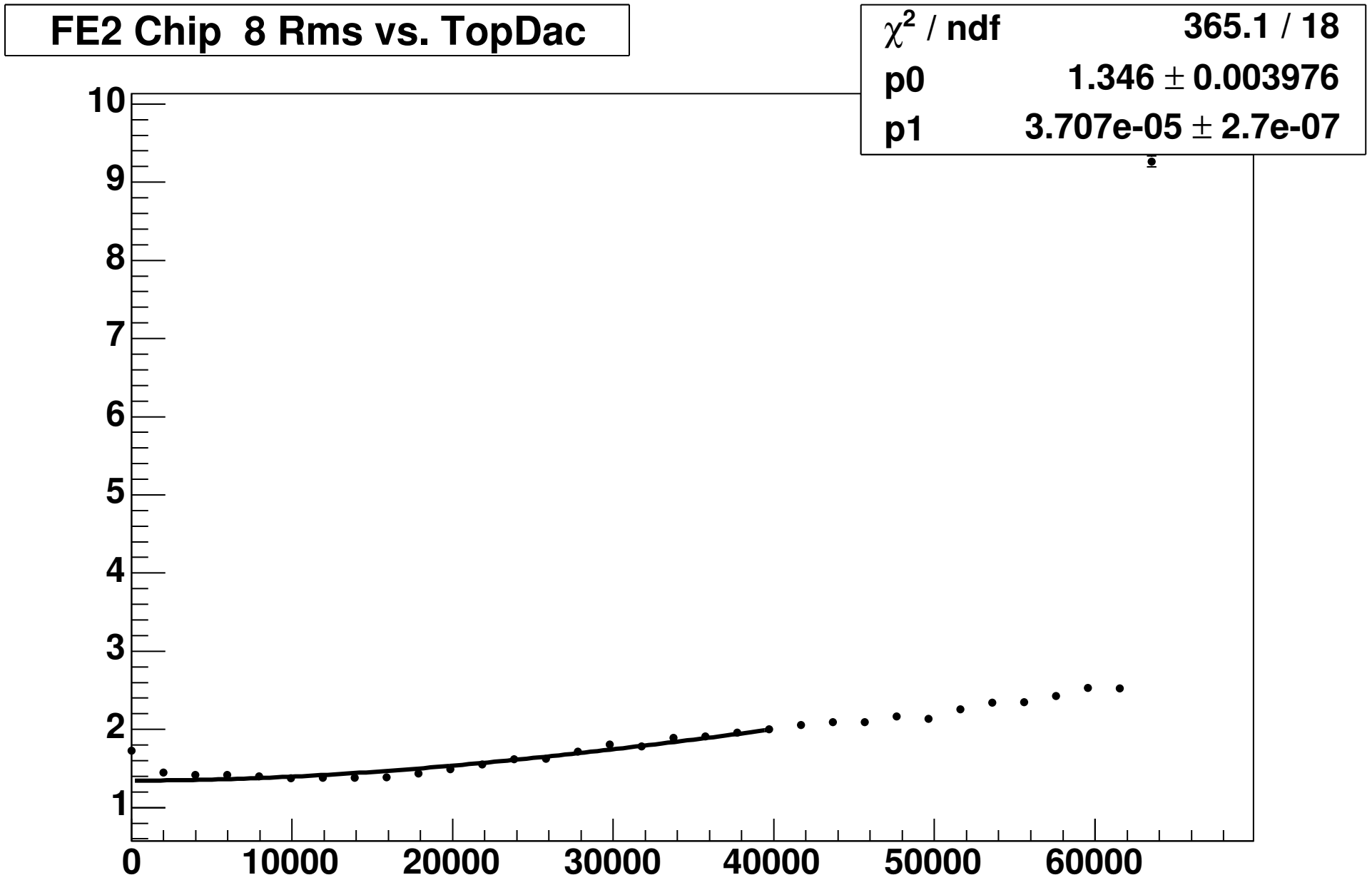
FE2 Chip 8 Rms vs. TopDac
χ² / ndf 365.1 / 18
p0 1.346 ± 0.003976
p1 3.707e-05 ± 2.7e-07
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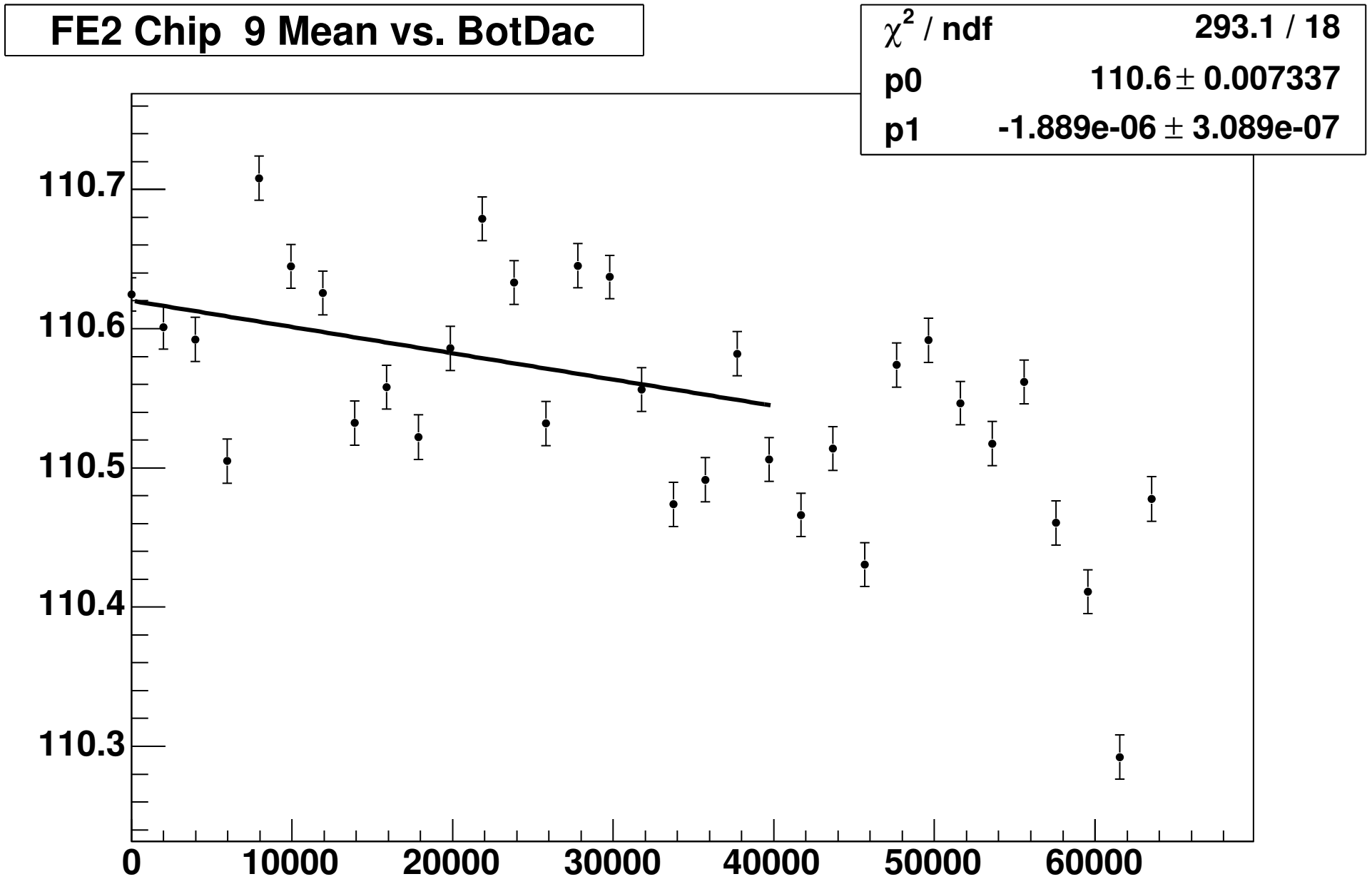
FE2 Chip 9 Mean vs. BotDac
χ² / ndf 293.1 / 18
p0 110.6 ± 0.007337
p1 -1.889e-06 ± 3.089e-07
110.7
110.6
110.5
110.4
110.3
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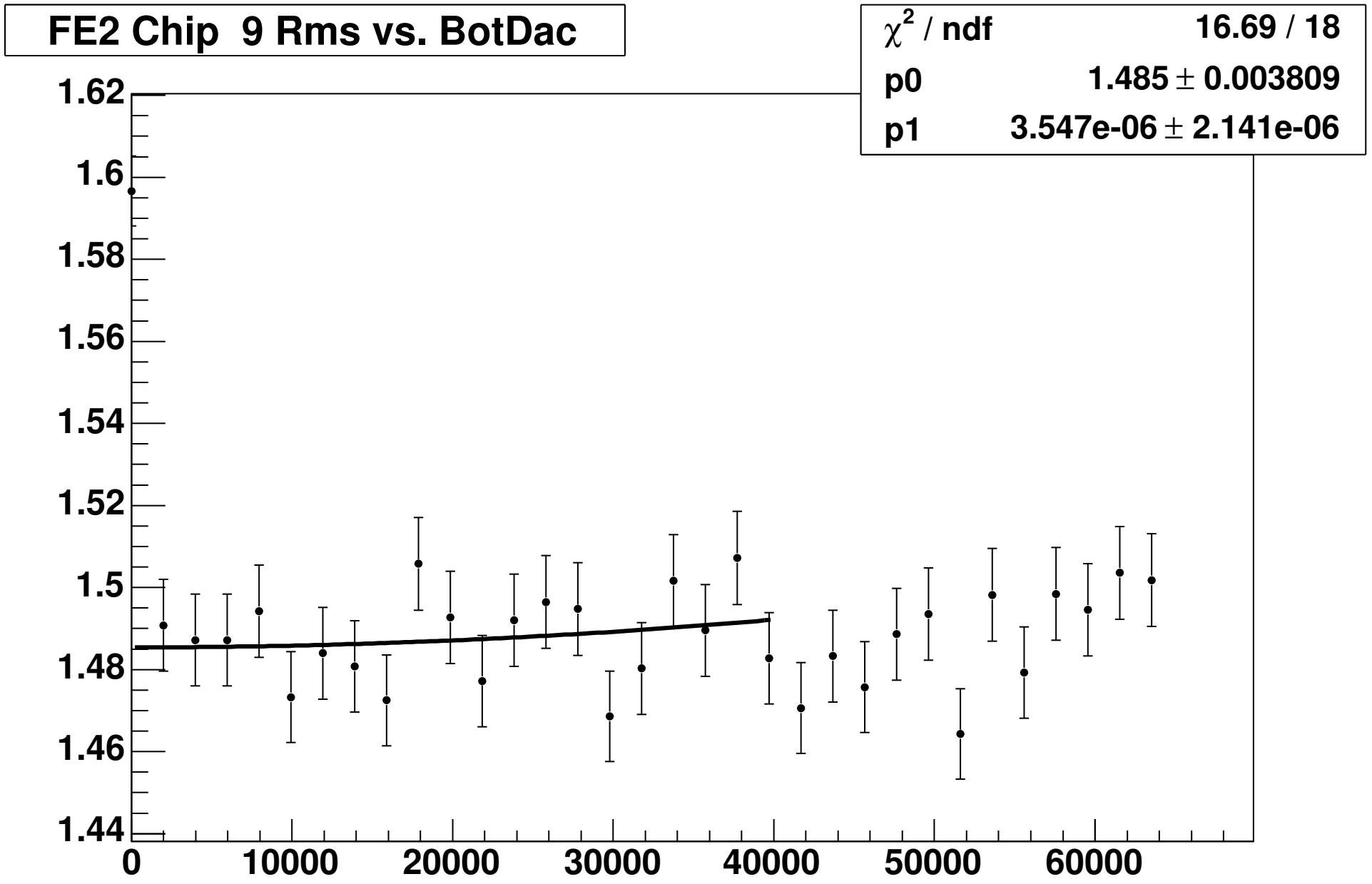
FE2 Chip 9 Rms vs. BotDac
χ² / ndf 16.69 / 18
p0 1.485 ± 0.003809
p1 3.547e-06 ± 2.141e-06
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
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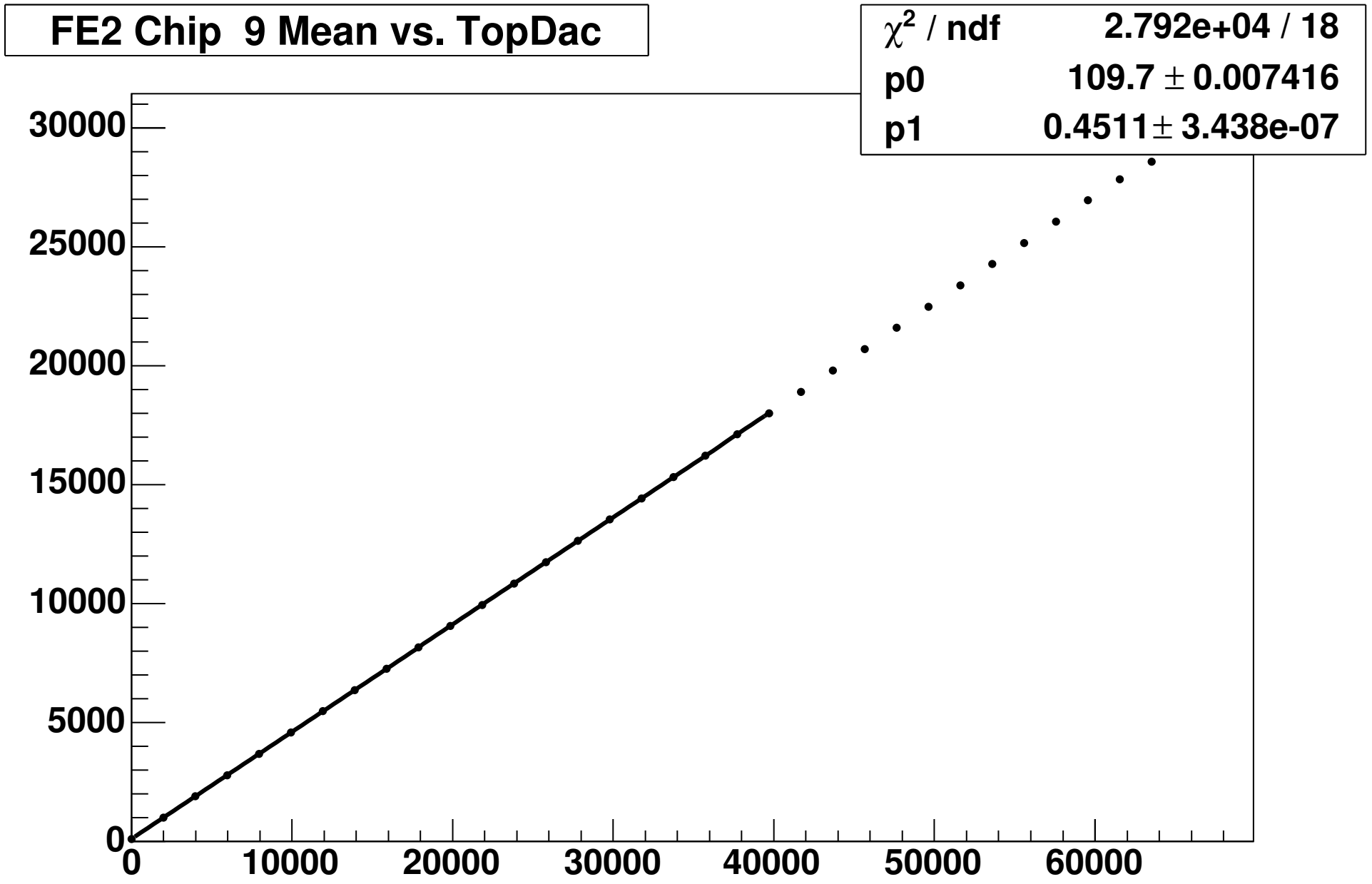
FE2 Chip 9 Mean vs. TopDac
χ² / ndf 2.792e+04 / 18
p0 109.7 ± 0.007416
p1 0.4511 ± 3.438e-07
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10000
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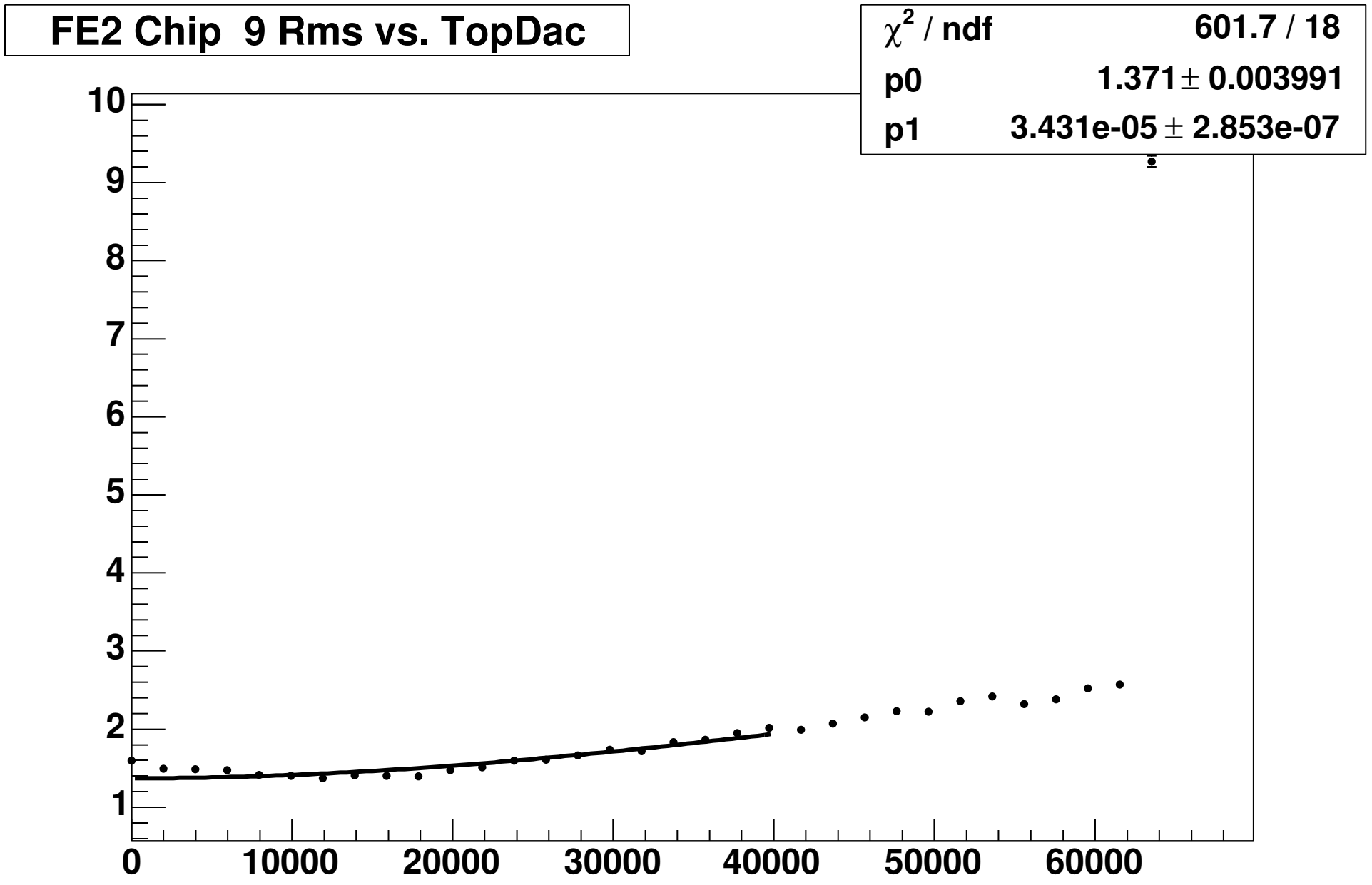
FE2 Chip 9 Rms vs. TopDac
χ² / ndf 601.7 / 18
p0 1.371 ± 0.003991
p1 3.431e-05 ± 2.853e-07
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8
7
6
5
4
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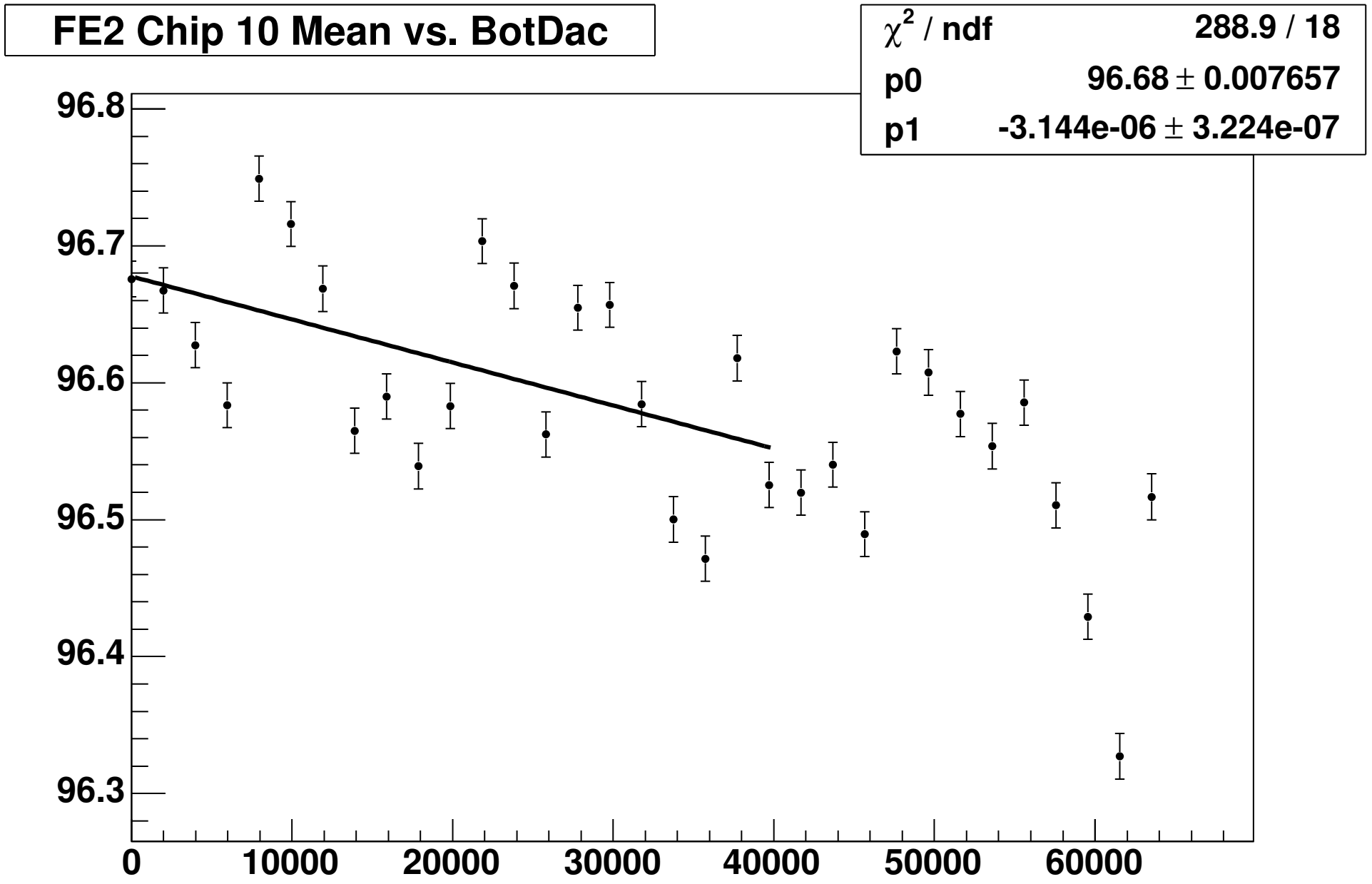
60000


FE2 Chip 10 Mean vs. BotDac
χ² / ndf 288.9 / 18
p0 96.68 ± 0.007657
p1 -3.144e-06 ± 3.224e-07
96.8
96.7
96.6
96.5
96.4
96.3
0
10000
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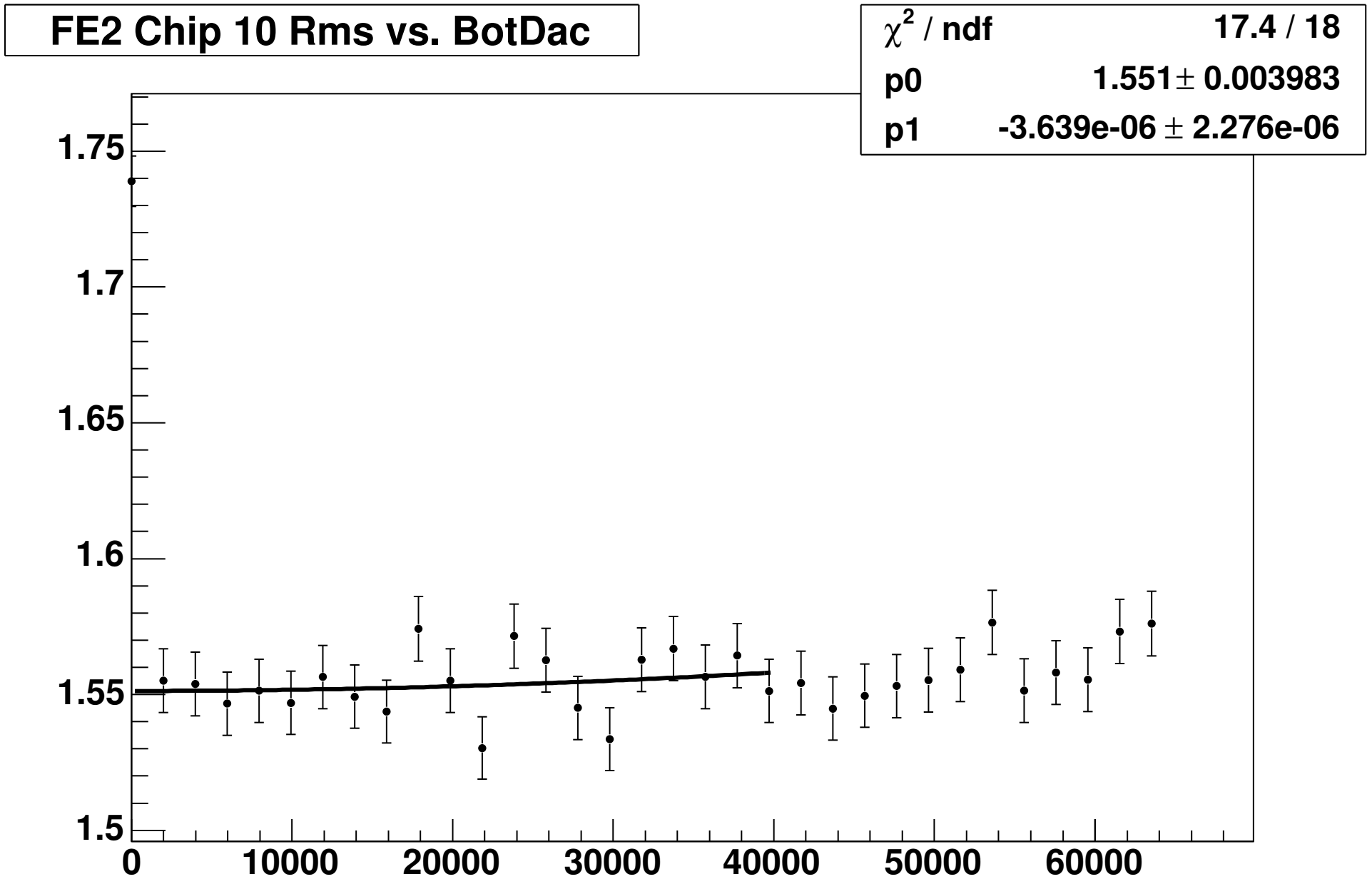
60000


FE2 Chip 10 Rms vs. BotDac
χ² / ndf 17.4 / 18
p0 1.551 ± 0.003983
p1 -3.639e-06 ± 2.276e-06
1.75
1.7
1.65
1.6
1.55
1.5
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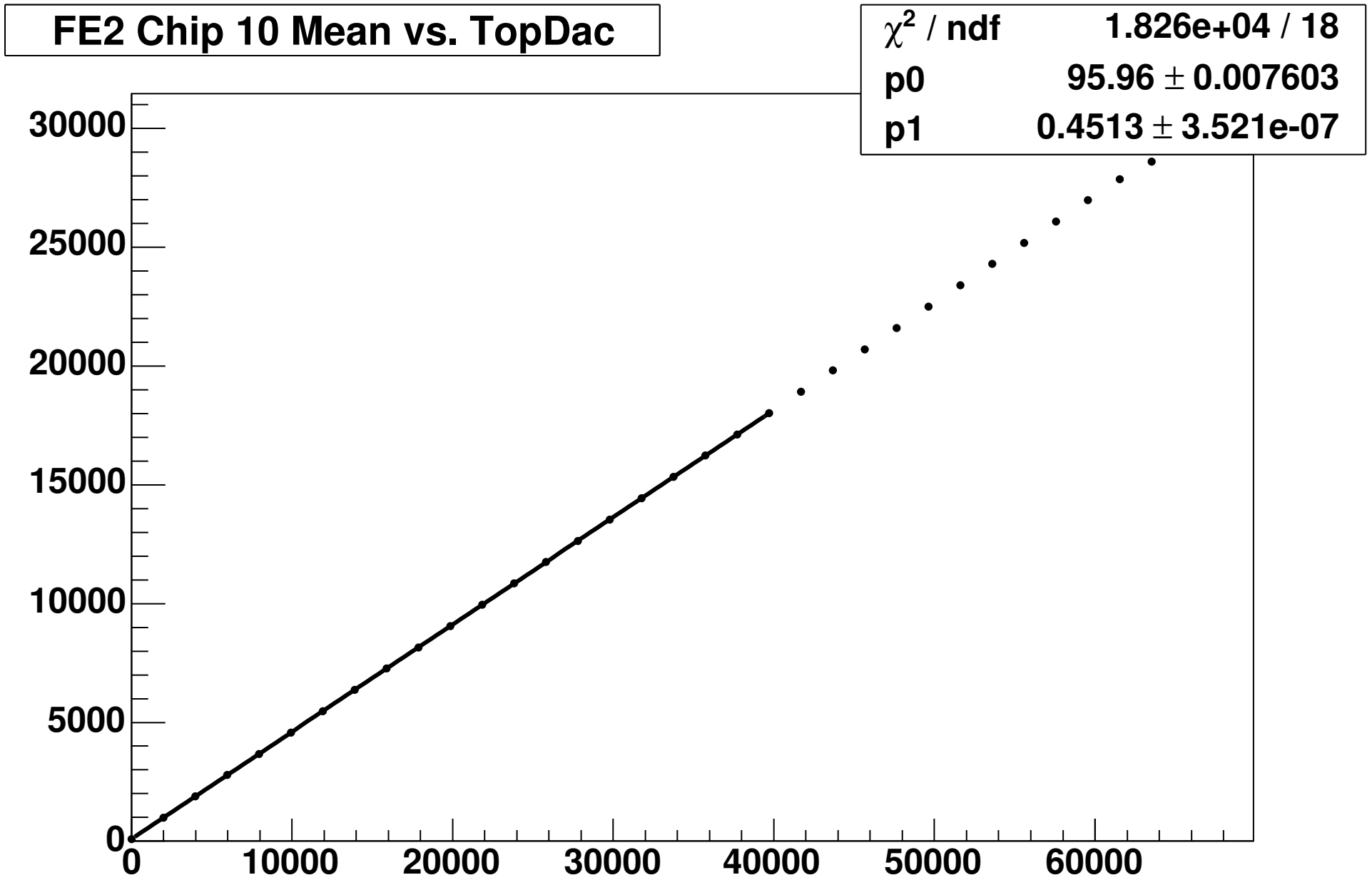
FE2 Chip 10 Mean vs. TopDac
χ² / ndf 1.826e+04 / 18
p0 95.96 ± 0.007603
p1 0.4513 ± 3.521e-07
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0
0
10000
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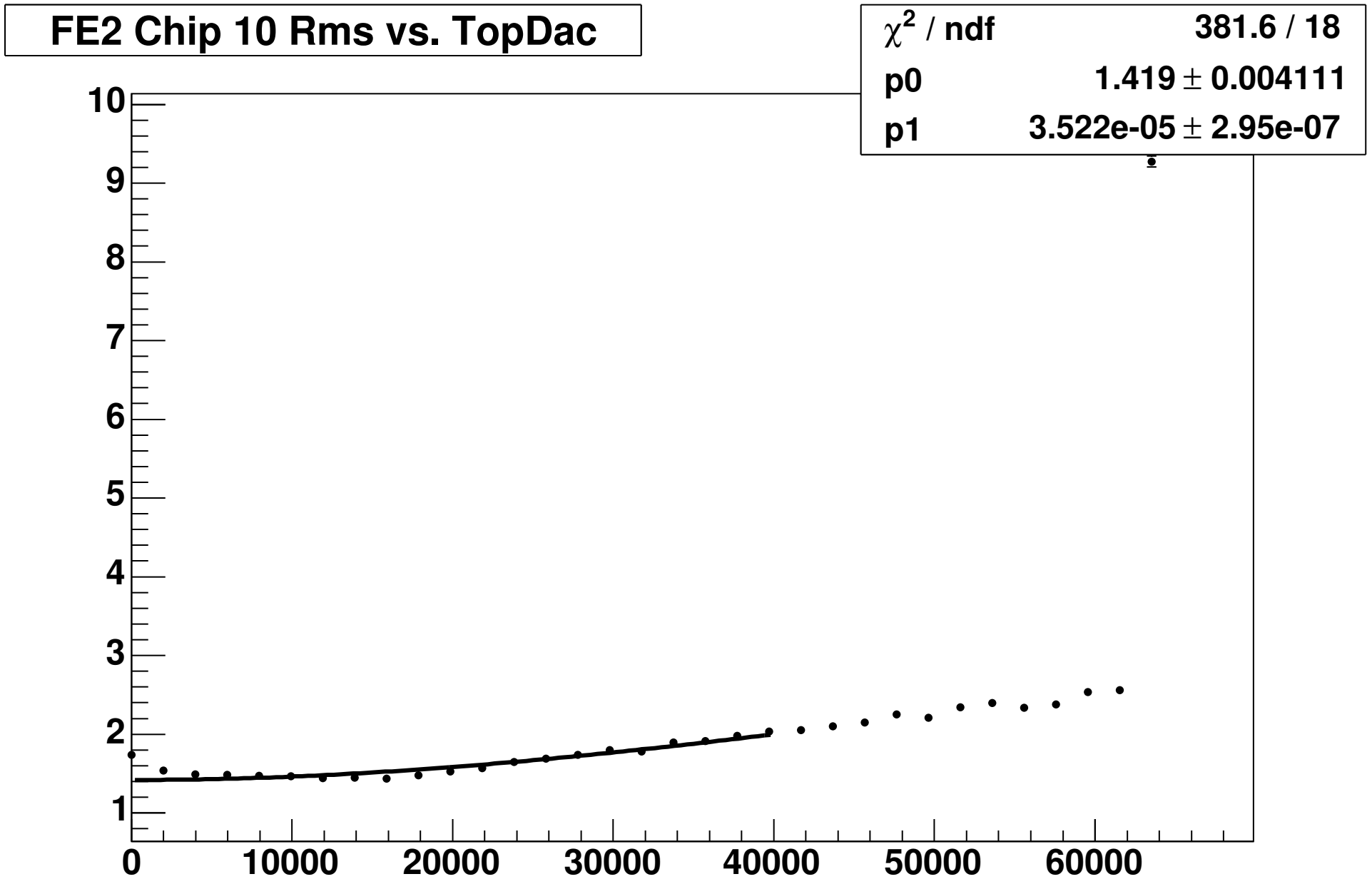
30000
40000
50000
60000


FE2 Chip 10 Rms vs. TopDac
χ² / ndf 381.6 / 18
p0 1.419 ± 0.004111
p1 3.522e-05 ± 2.95e-07
10
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8
7
6
5
4
3
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1
0
10000
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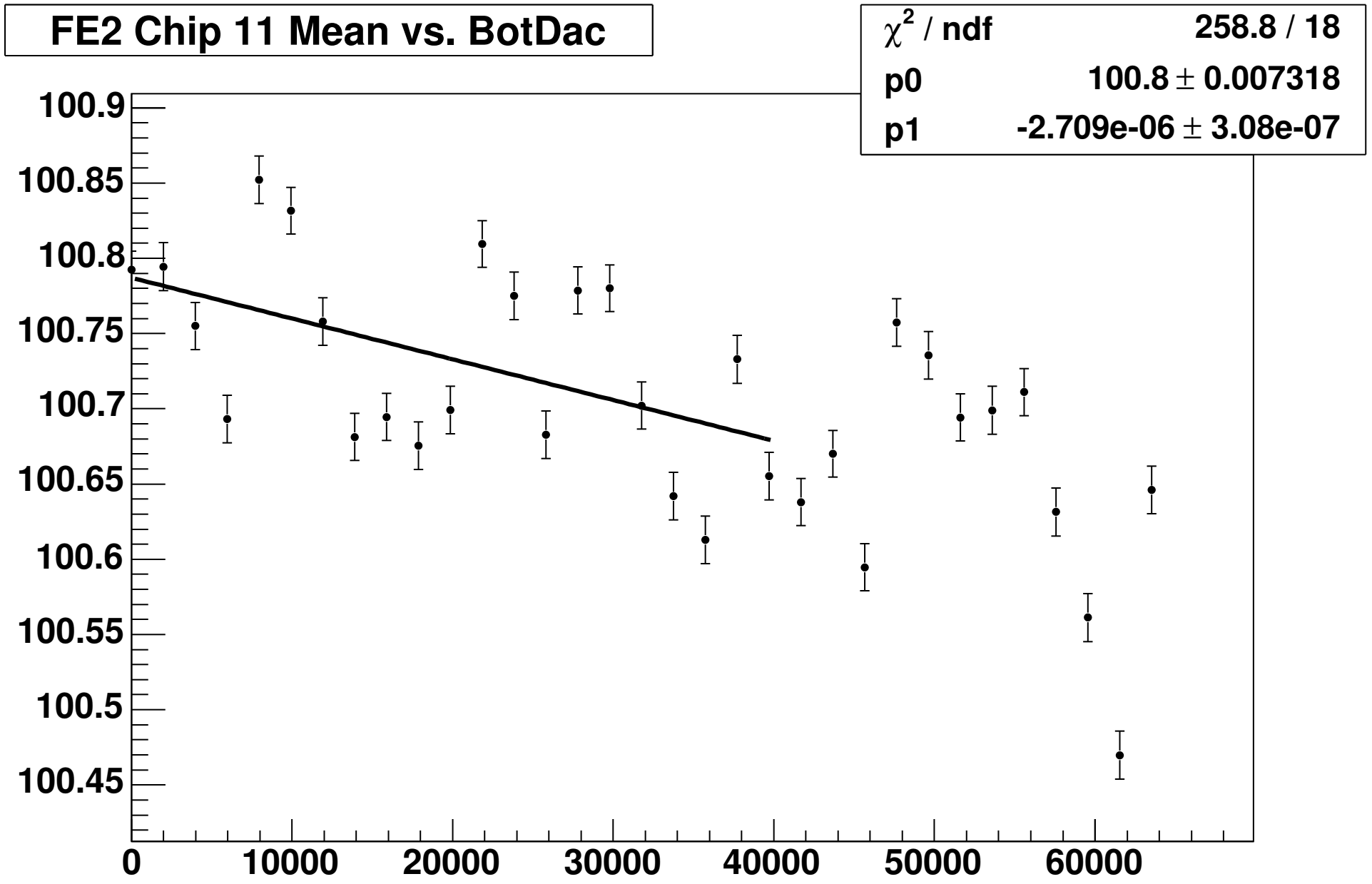
FE2 Chip 11 Mean vs. BotDac
χ² / ndf 258.8 / 18
p0 100.8 ± 0.007318
p1 -2.709e-06 ± 3.08e-07
100.9
100.85
100.8
100.75
100.7
100.65
100.6
100.55
100.5
100.45
0
10000
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40000
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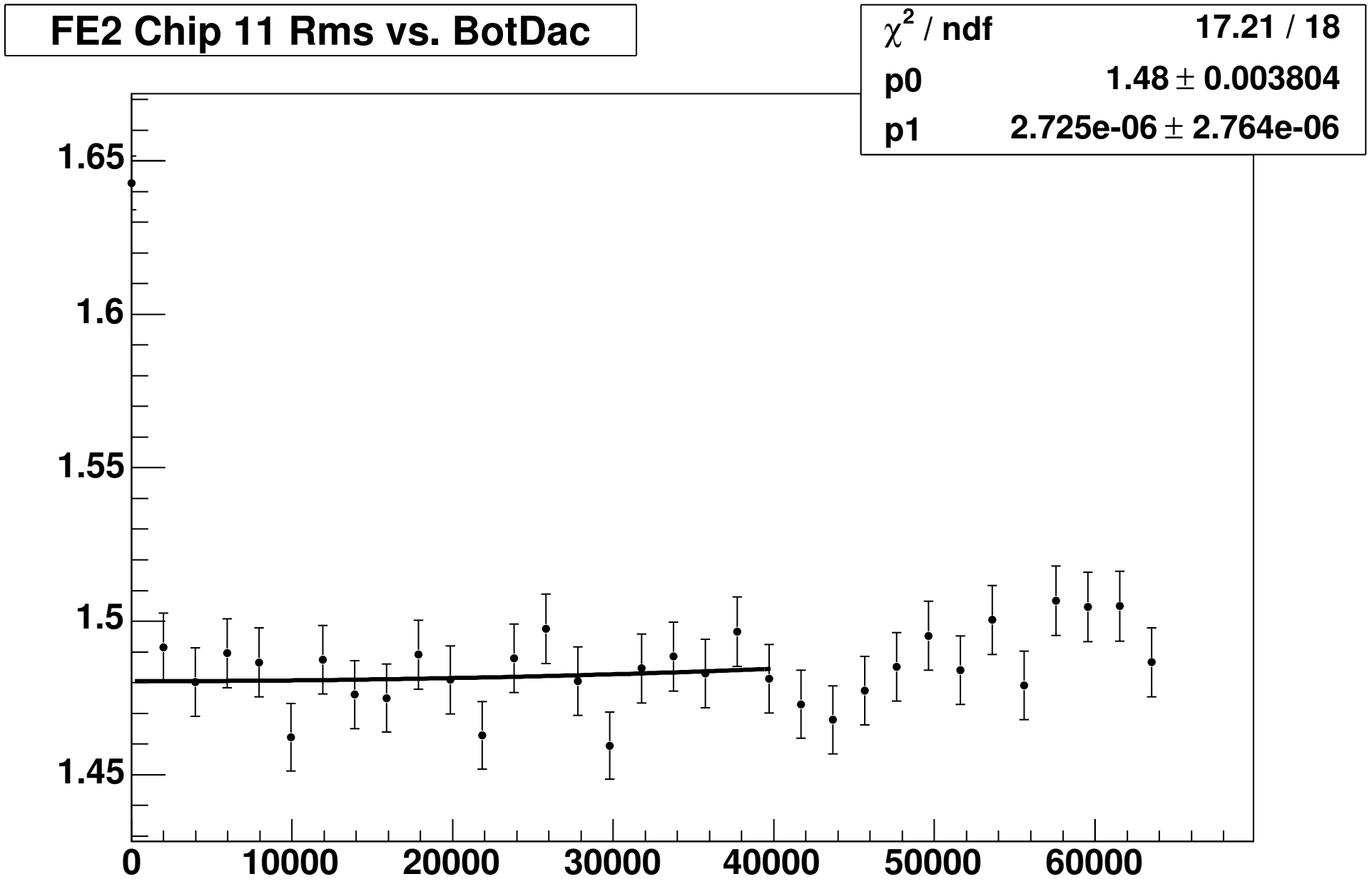
FE2 Chip 11 Rms vs. BotDac
χ² / ndf 17.21 / 18
p0 1.48 ± 0.003804
p1 2.725e-06 ± 2.764e-06
1.65
1.6
1.55
1.5
1.45
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10000
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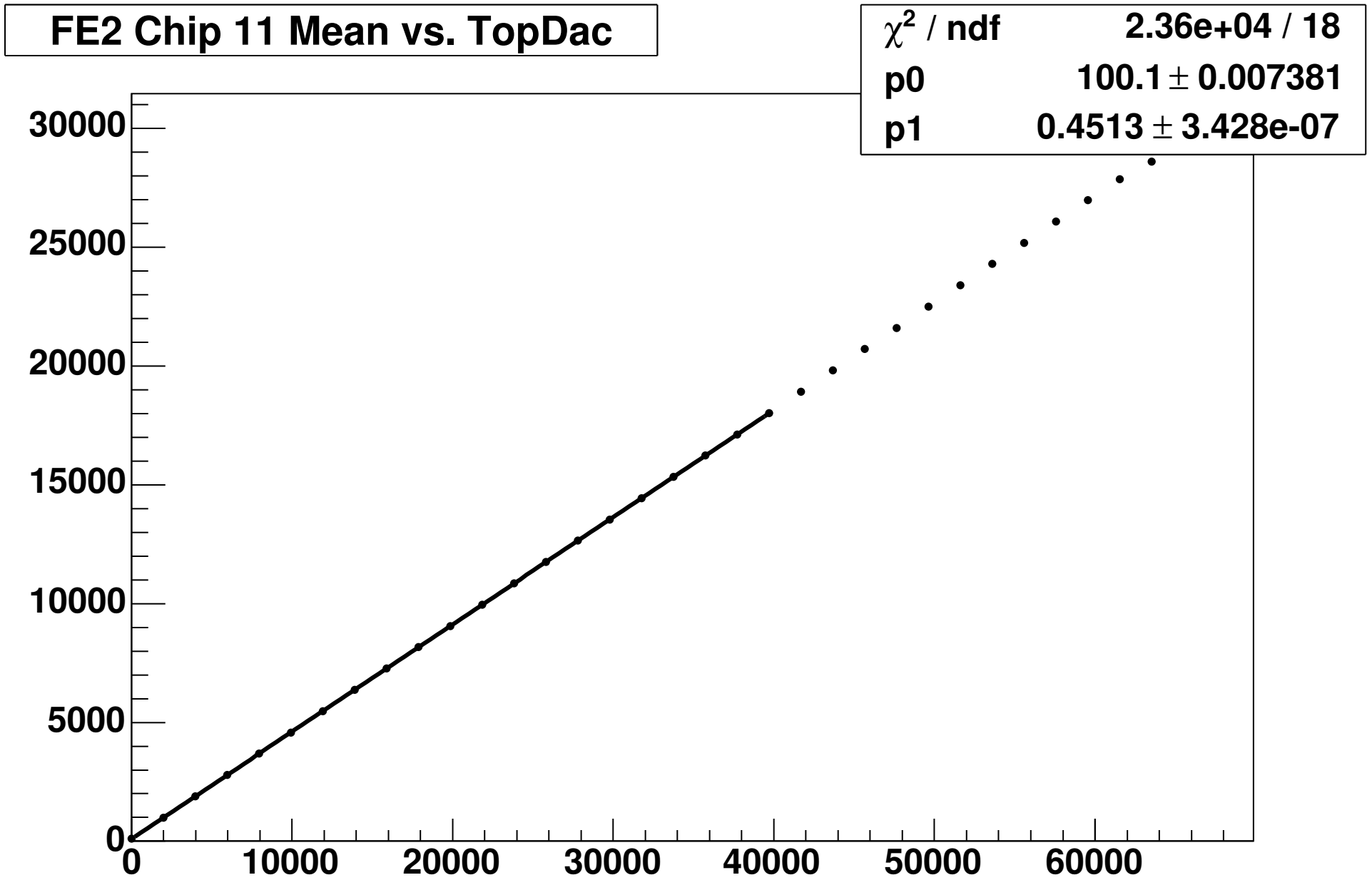
FE2 Chip 11 Mean vs. TopDac
χ² / ndf 2.36e+04 / 18
p0 100.1 ± 0.007381
p1 0.4513 ± 3.428e-07
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10000
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30000
40000
50000
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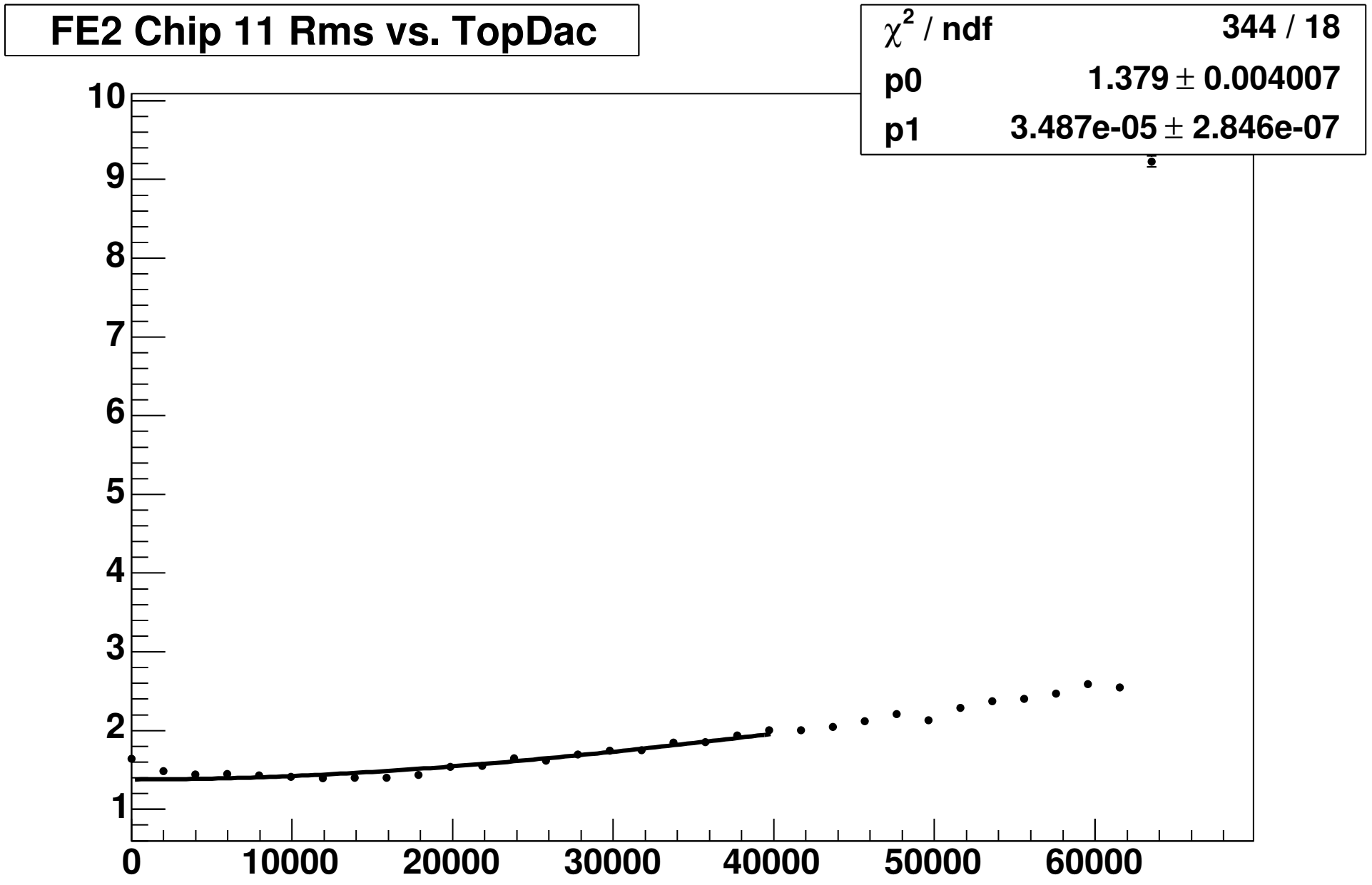
FE2 Chip 11 Rms vs. TopDac
χ² / ndf 344 / 18
p0 1.379 ± 0.004007
p1 3.487e-05 ± 2.846e-07
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8
7
6
5
4
3
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1
0
10000
20000
30000
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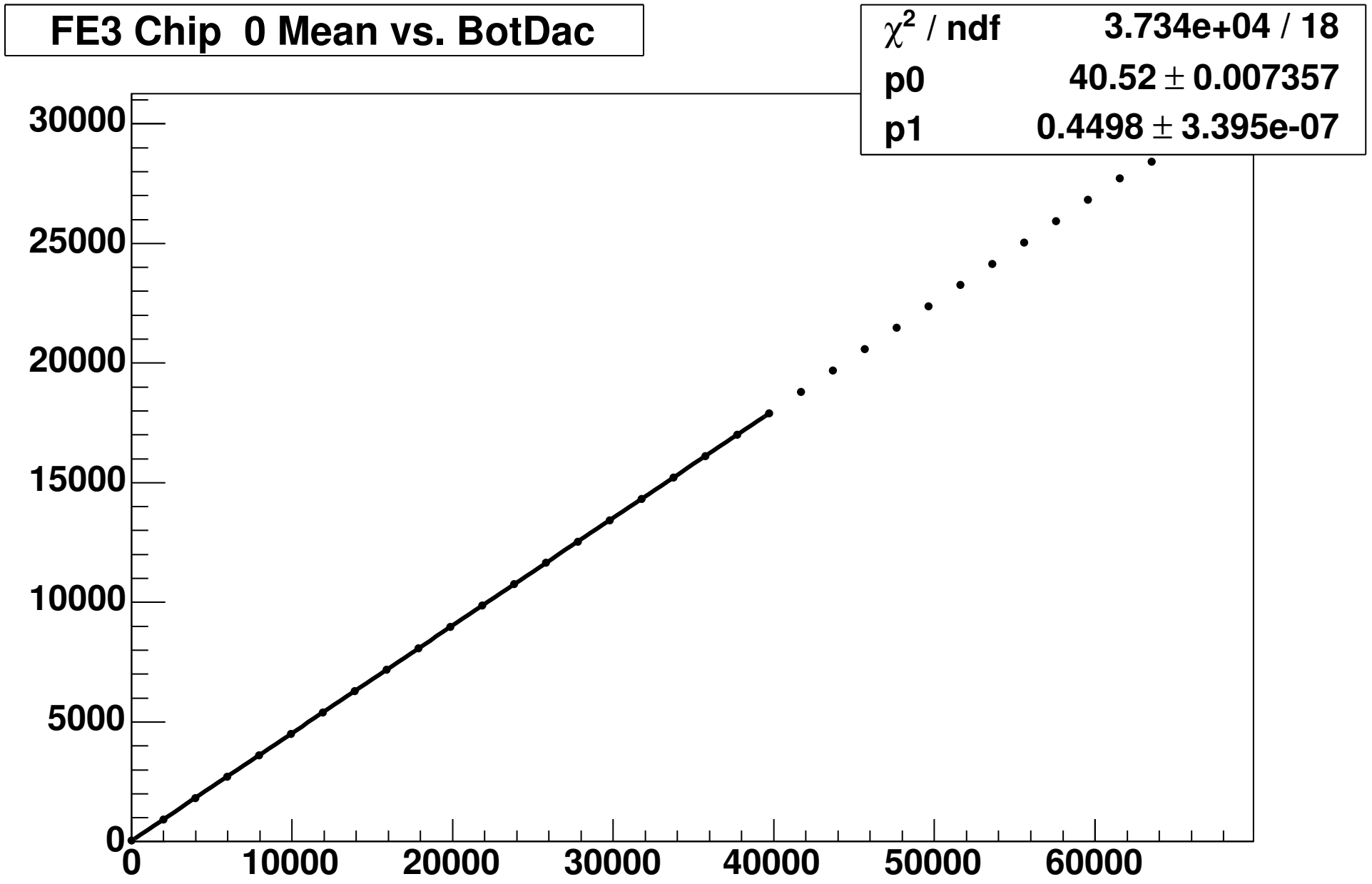
FE3 Chip 0 Mean vs. BotDac
χ² / ndf 3.734e+04 / 18
p0 40.52 ± 0.007357
p1 0.4498 ± 3.395e-07
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25000
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10000
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0
0
10000
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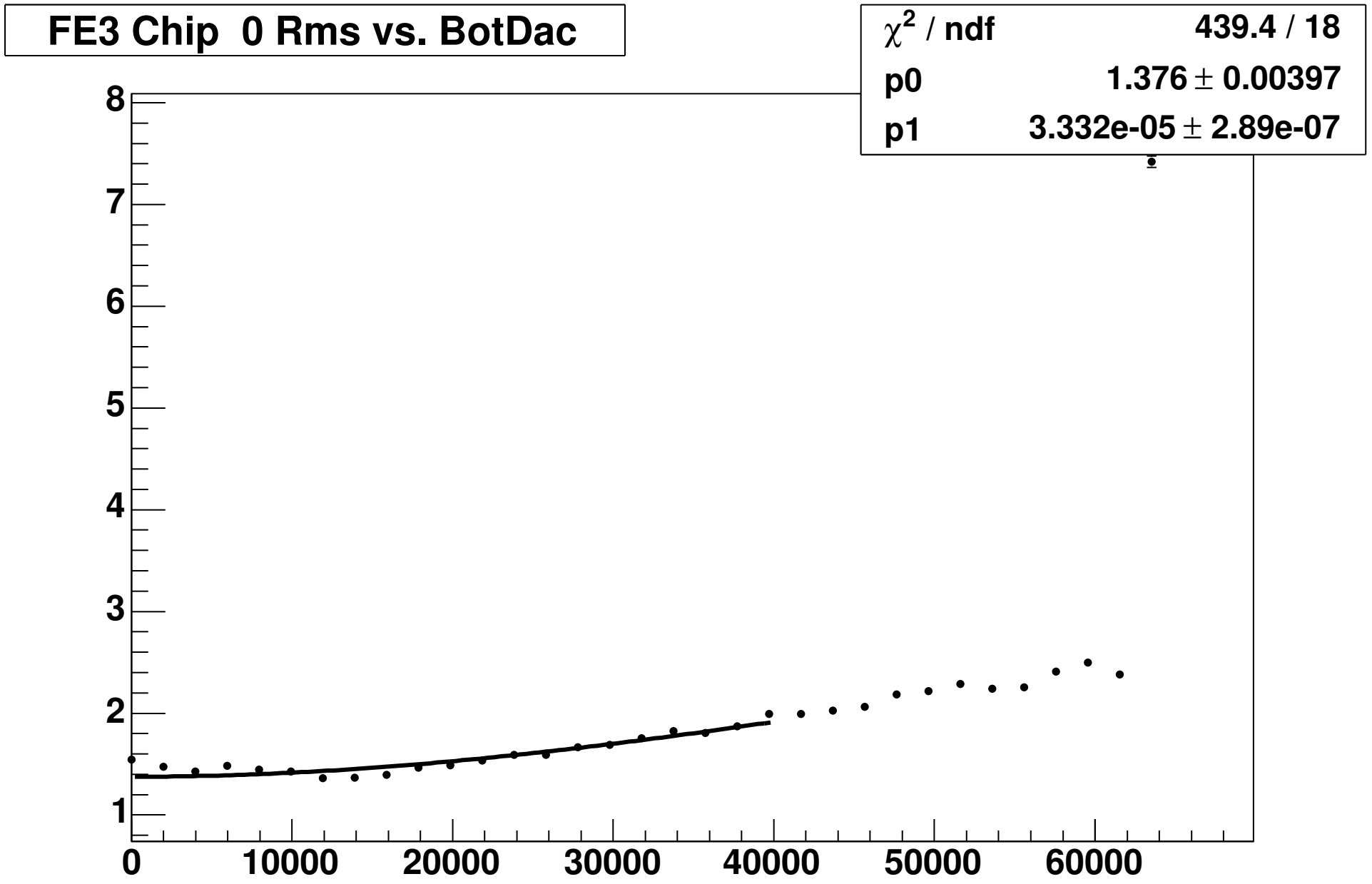
40000
50000
60000


FE3 Chip 0 Rms vs. BotDac
χ² / ndf 439.4 / 18
p0 1.376 ± 0.00397
p1 3.332e-05 ± 2.89e-07
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6
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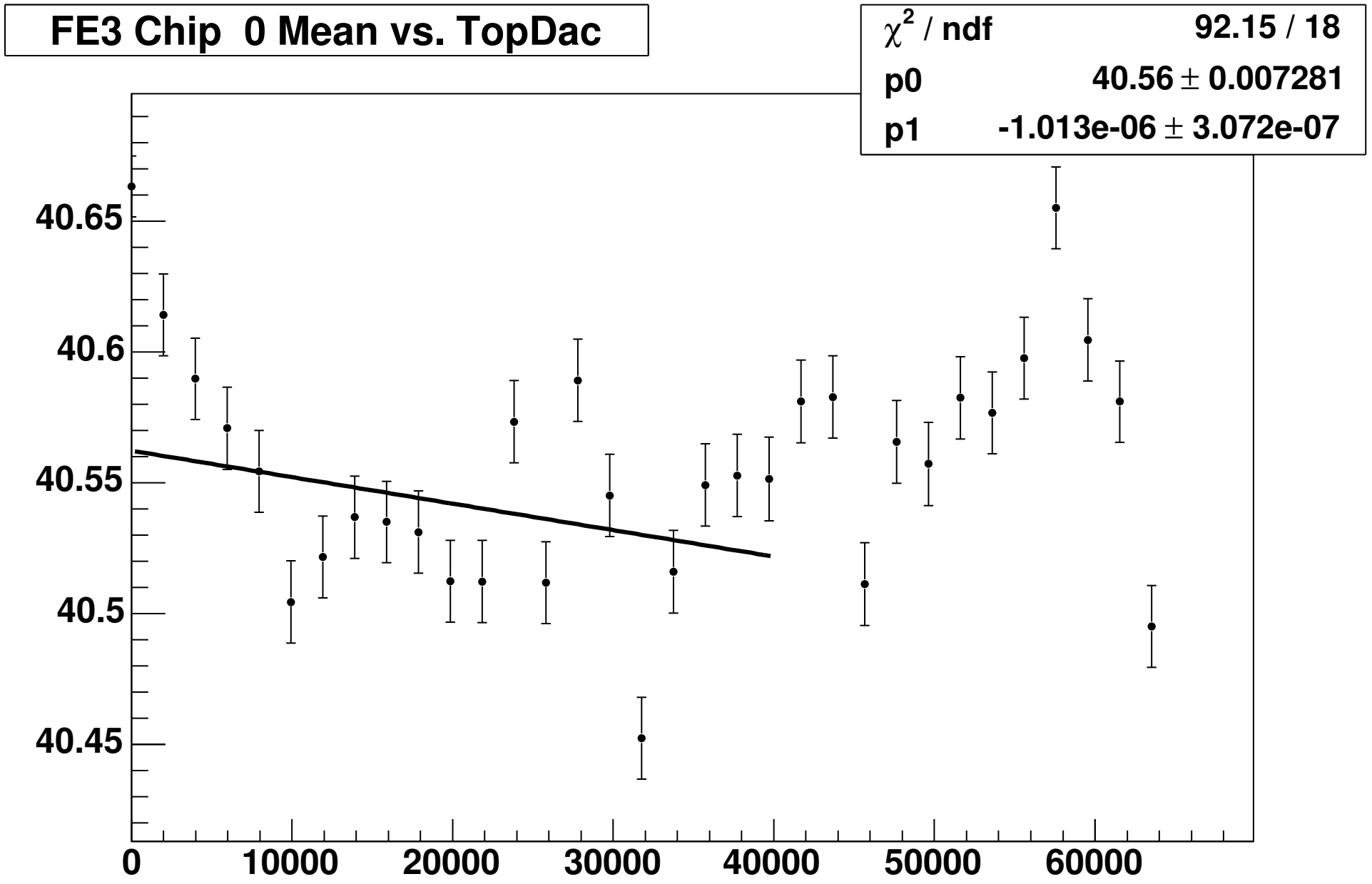
FE3 Chip 0 Mean vs. TopDac
χ² / ndf 92.15 / 18
p0 40.56 ± 0.007281
p1 -1.013e-06 ± 3.072e-07
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40.6
40.55
40.5
40.45
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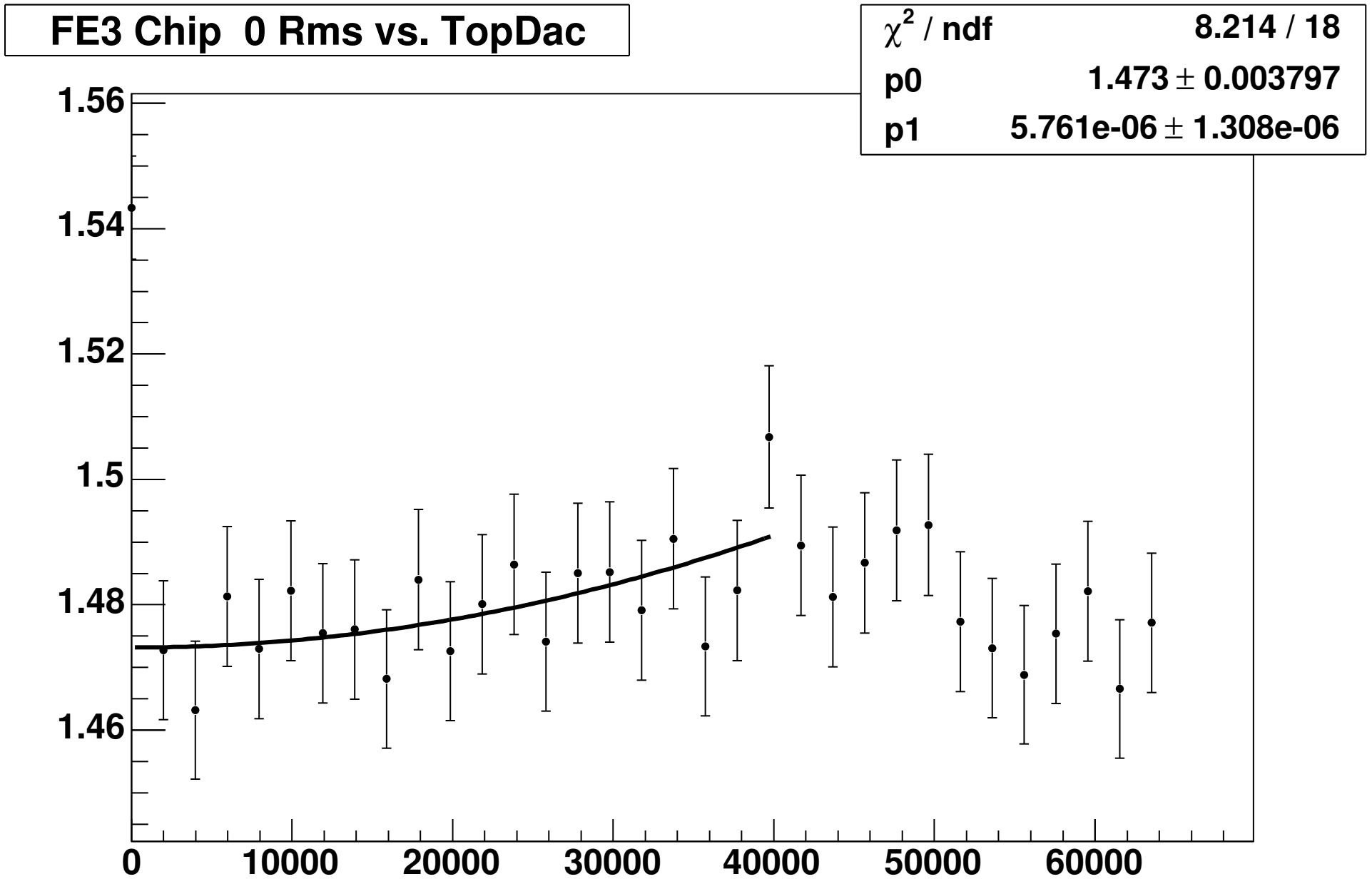
FE3 Chip 0 Rms vs. TopDac
χ² / ndf 8.214 / 18
p0 1.473 ± 0.003797
p1 5.761e-06 ± 1.308e-06
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1.54
1.52
1.5
1.48
1.46
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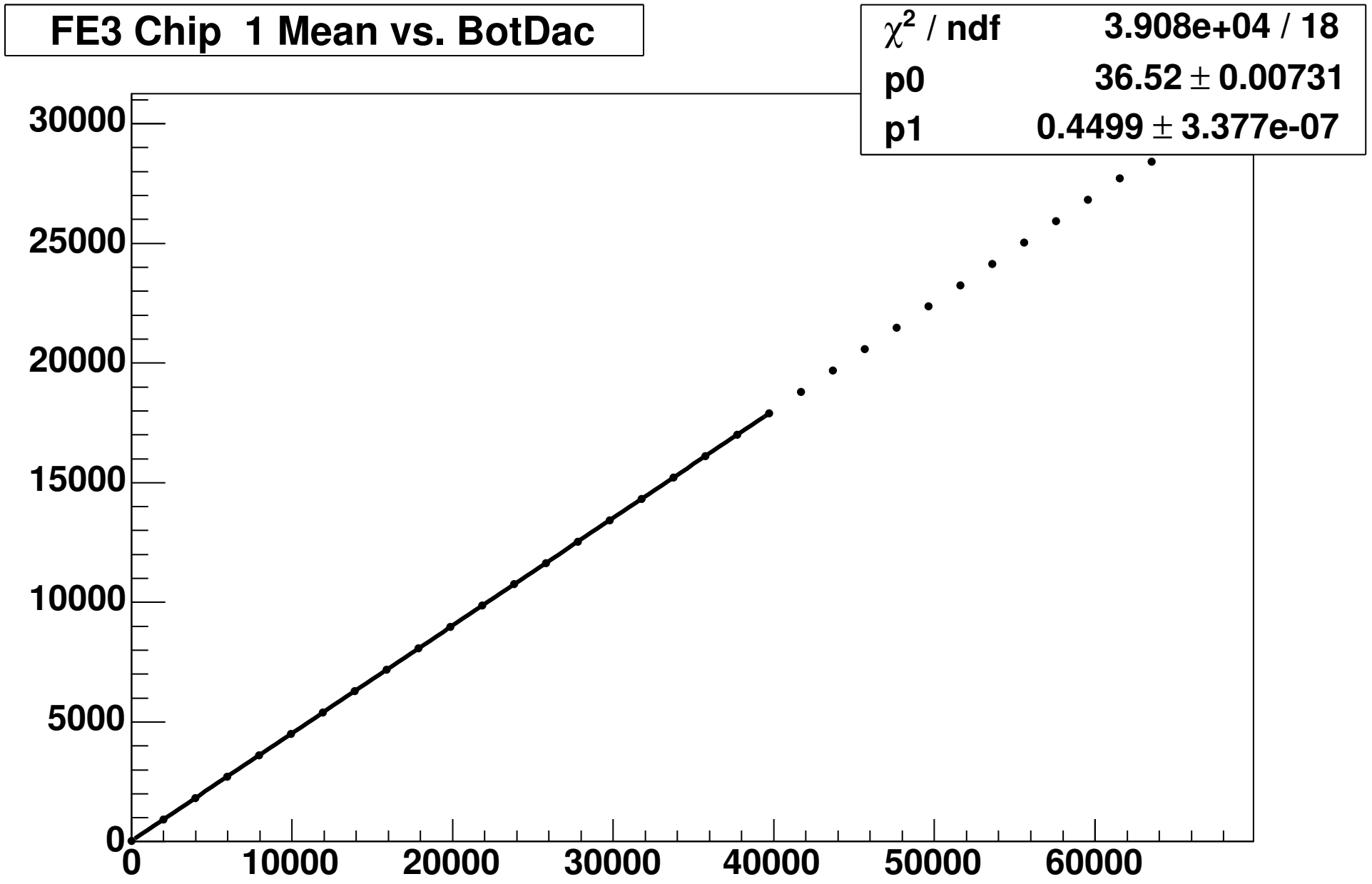
FE3 Chip 1 Mean vs. BotDac
χ² / ndf 3.908e+04 / 18
p0 36.52 ± 0.00731
p1 0.4499 ± 3.377e-07
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10000
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30000
40000
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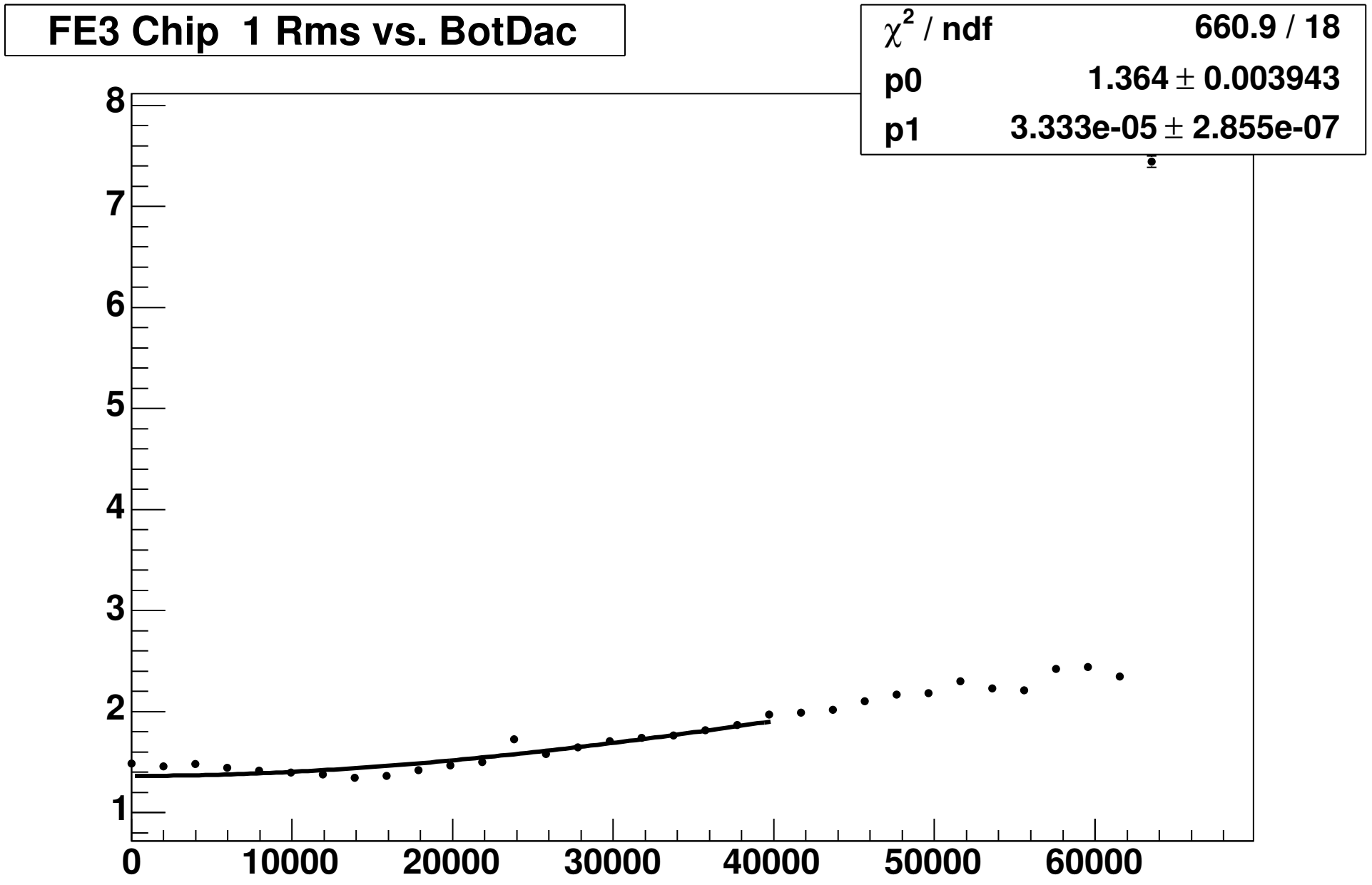
60000


FE3 Chip 1 Rms vs. BotDac
χ² / ndf 660.9 / 18
p0 1.364 ± 0.003943
p1 3.333e-05 ± 2.855e-07
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6
5
4
3
2
1
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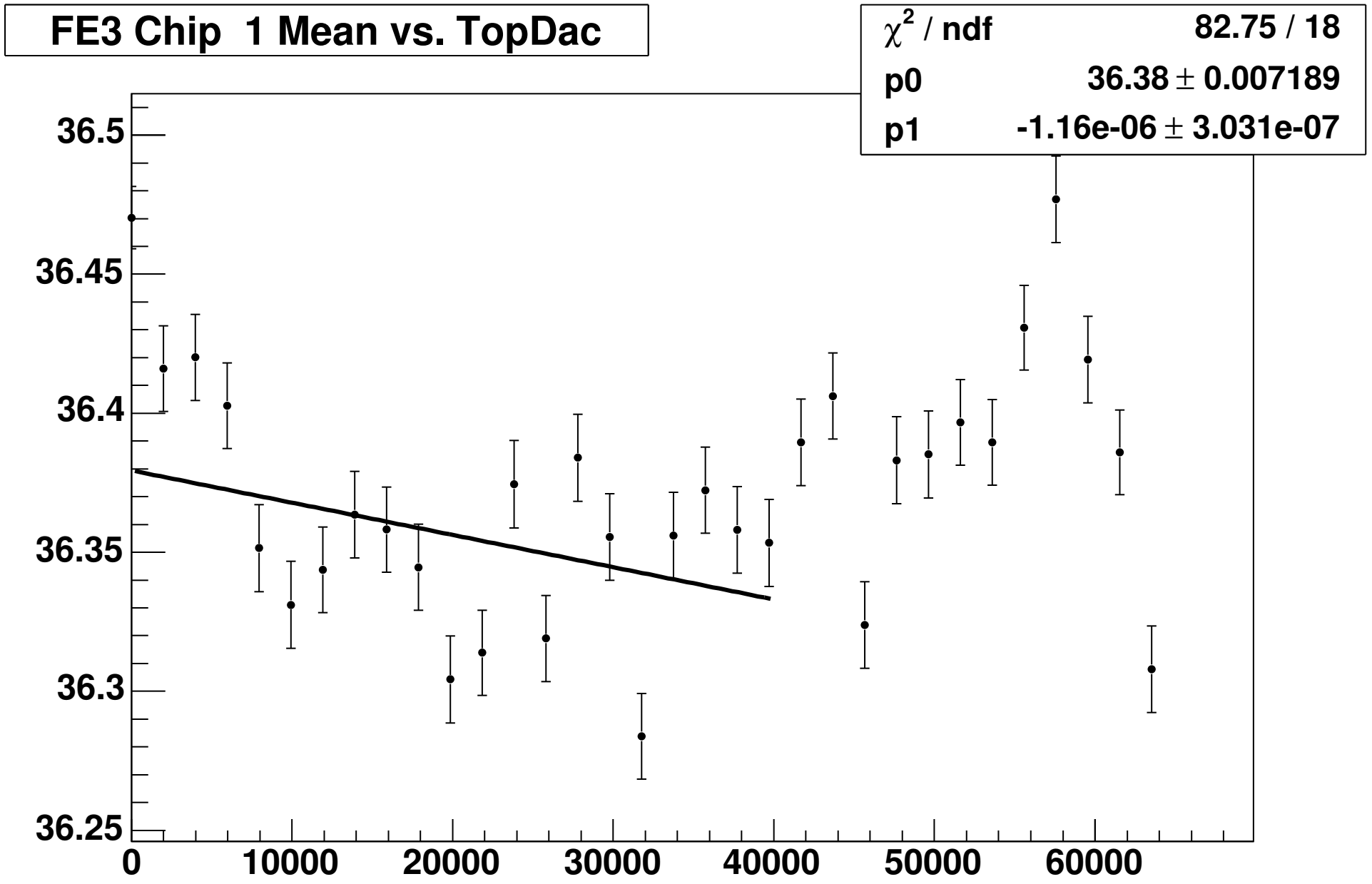
FE3 Chip 1 Mean vs. TopDac
χ² / ndf 82.75 / 18
p0 36.38 ± 0.007189
p1 -1.16e-06 ± 3.031e-07
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36.45
36.4
36.35
36.3
36.25
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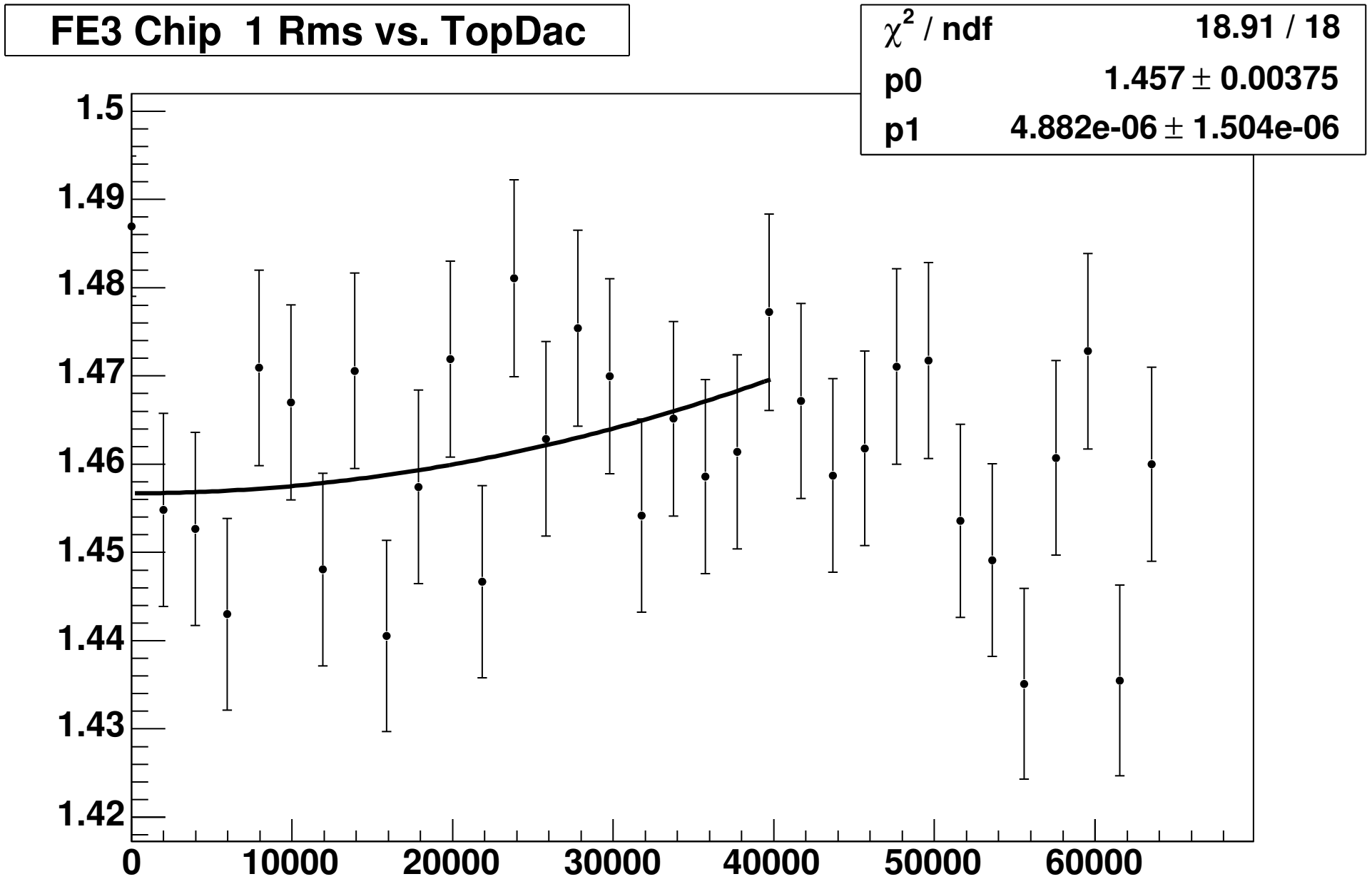
FE3 Chip 1 Rms vs. TopDac
χ² / ndf 18.91 / 18
p0 1.457 ± 0.00375
p1 4.882e-06 ± 1.504e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
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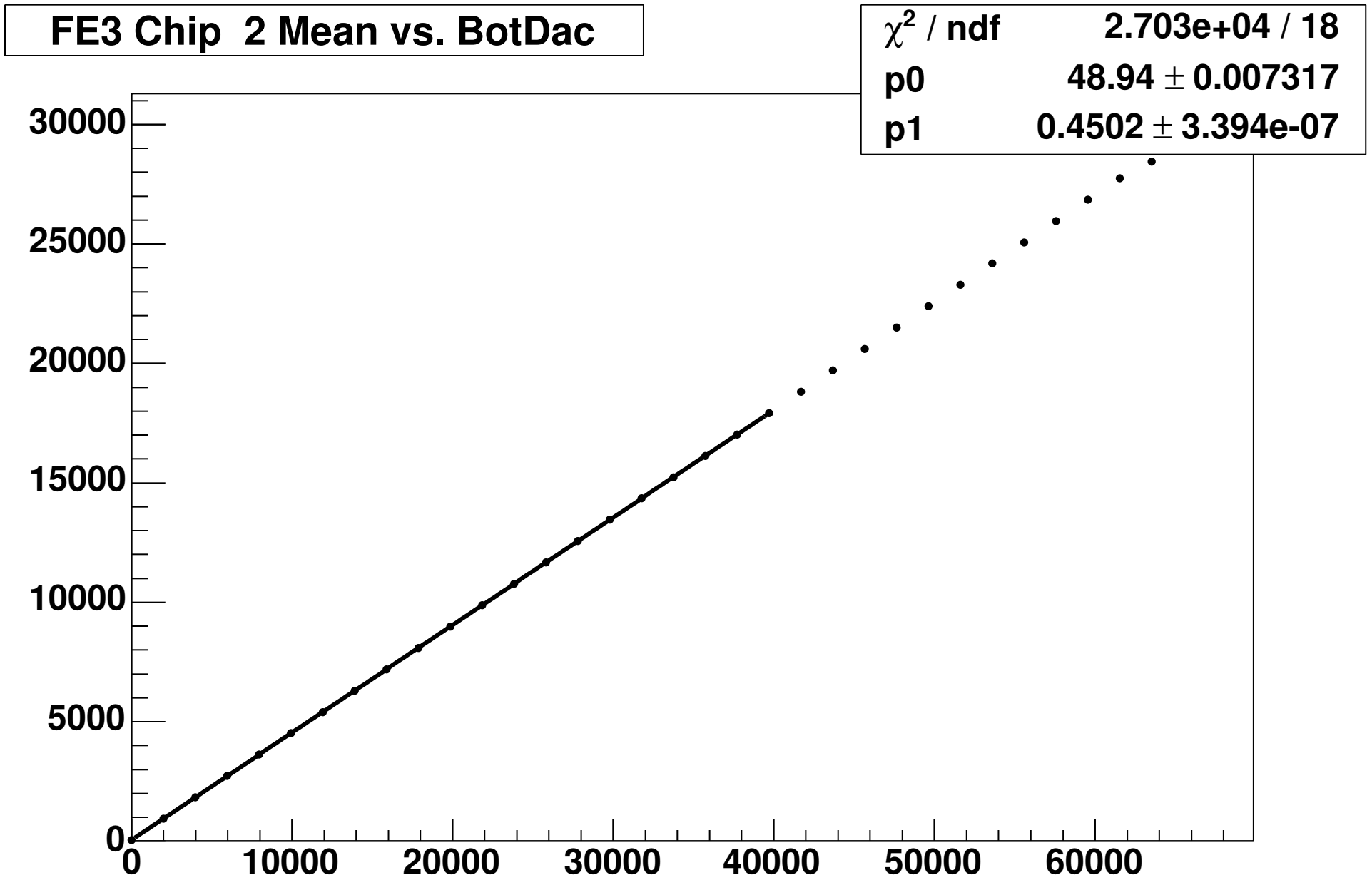
FE3 Chip 2 Mean vs. BotDac
χ² / ndf 2.703e+04 / 18
p0 48.94 ± 0.007317
p1 0.4502 ± 3.394e-07
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25000
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10000
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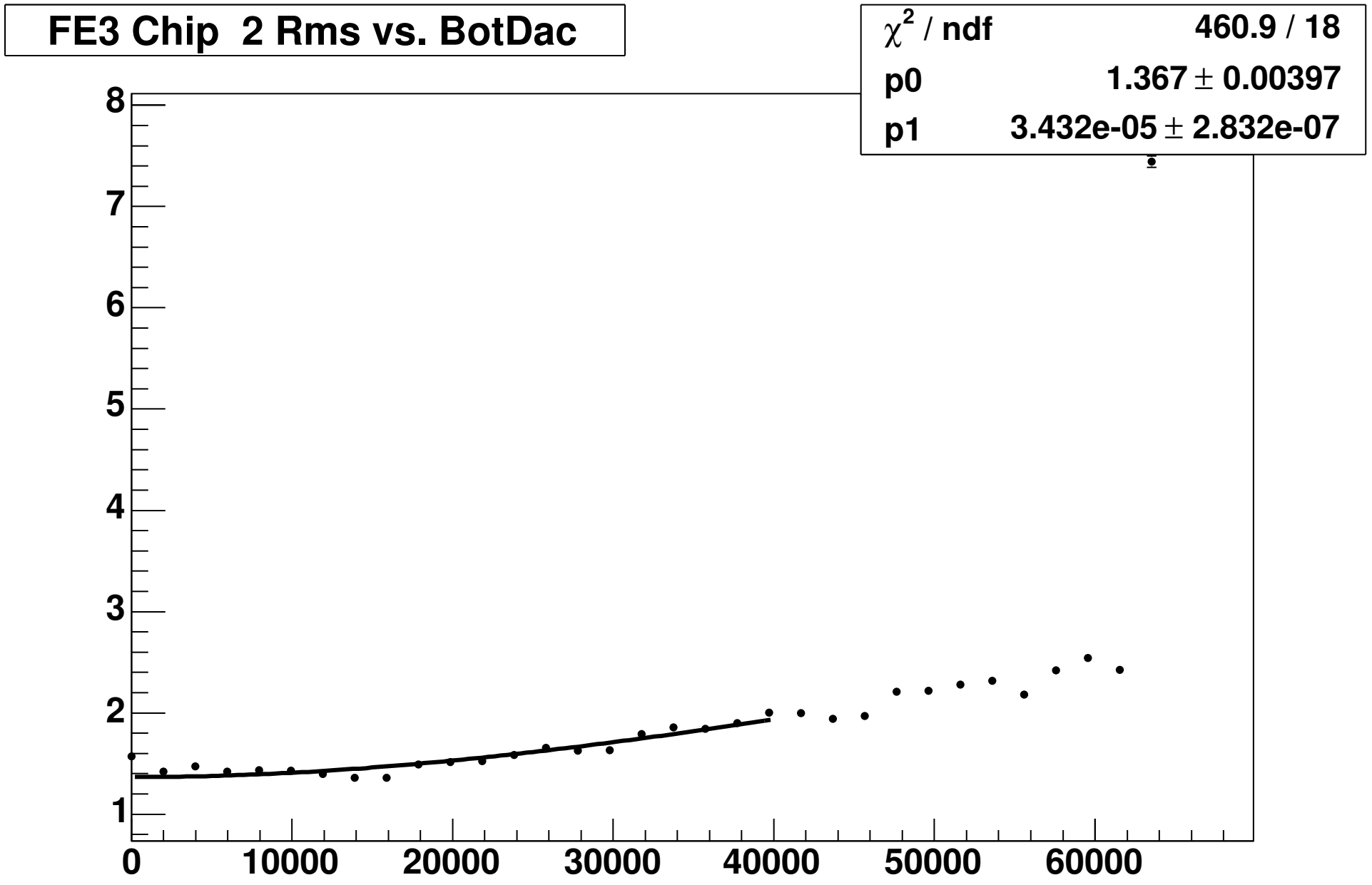
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 2 Rms vs. BotDac
χ² / ndf 460.9 / 18
p0 1.367 ± 0.00397
p1 3.432e-05 ± 2.832e-07
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7
6
5
4
3
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1
0
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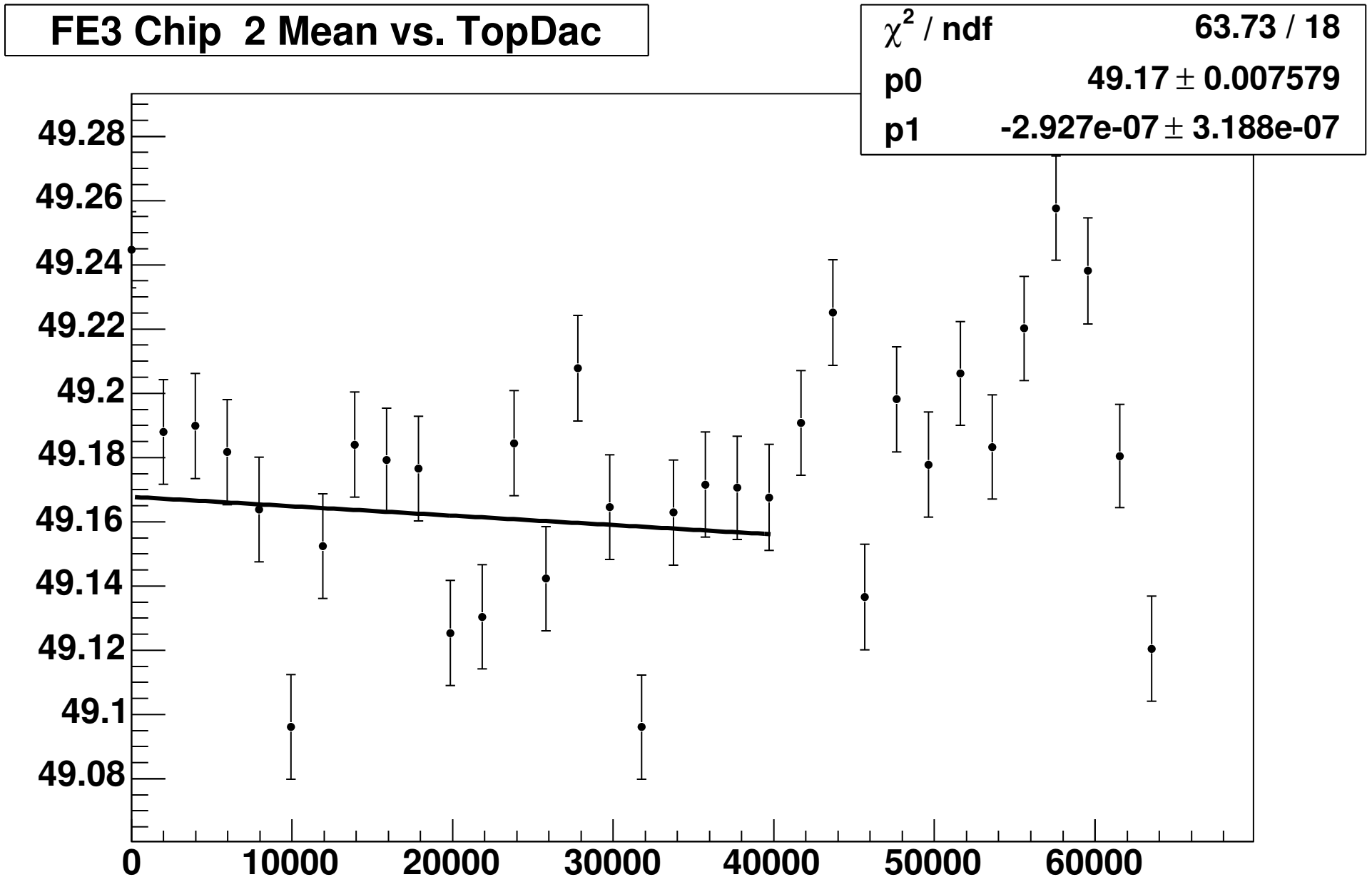
FE3 Chip 2 Mean vs. TopDac
χ² / ndf 63.73 / 18
p0 49.17 ± 0.007579
p1 -2.927e-07 ± 3.188e-07
49.28
49.26
49.24
49.22
49.2
49.18
49.16
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49.08
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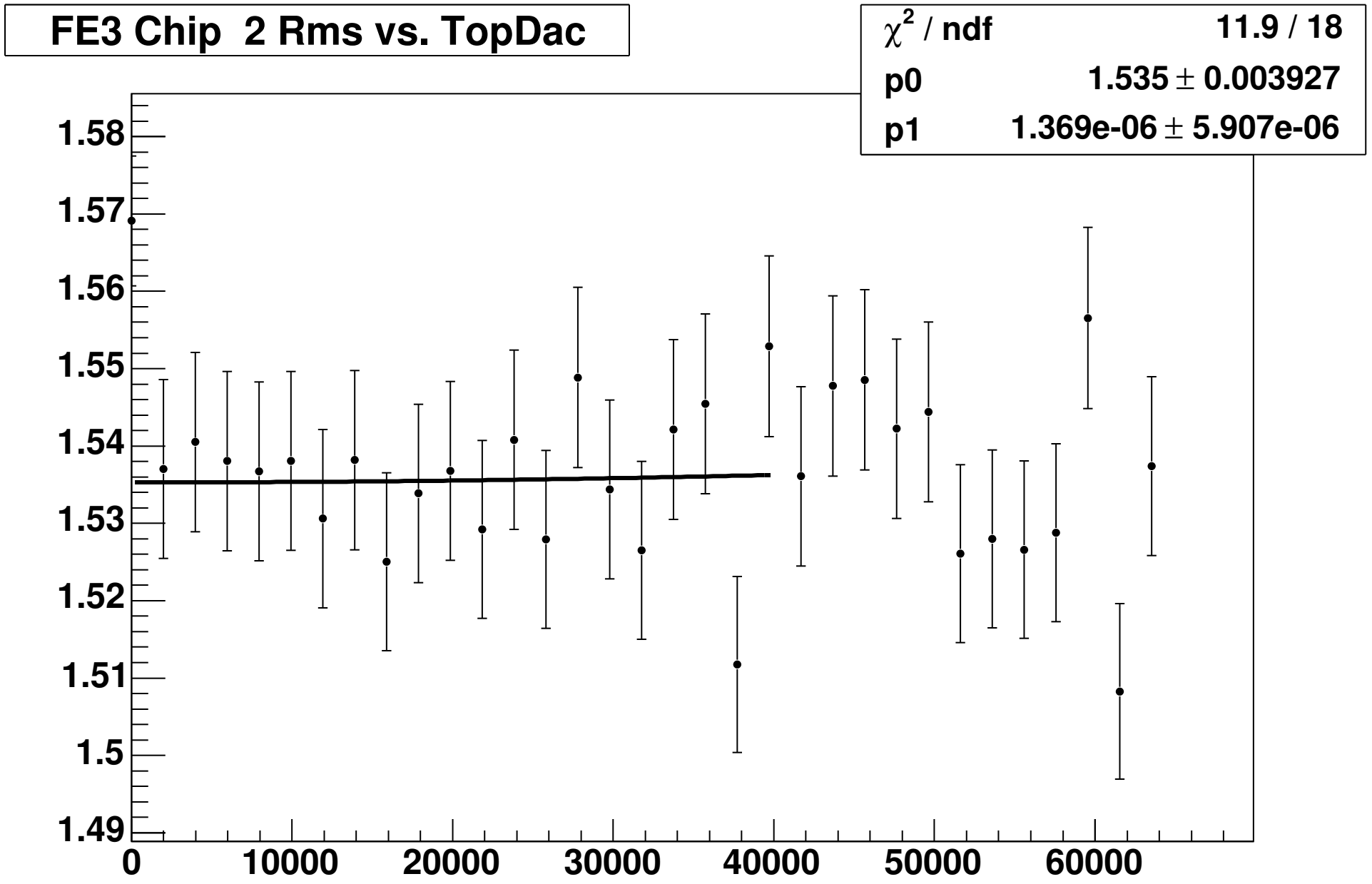
FE3 Chip 2 Rms vs. TopDac
χ² / ndf 11.9 / 18
p0 1.535 ± 0.003927
p1 1.369e-06 ± 5.907e-06
1.58
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
0
10000
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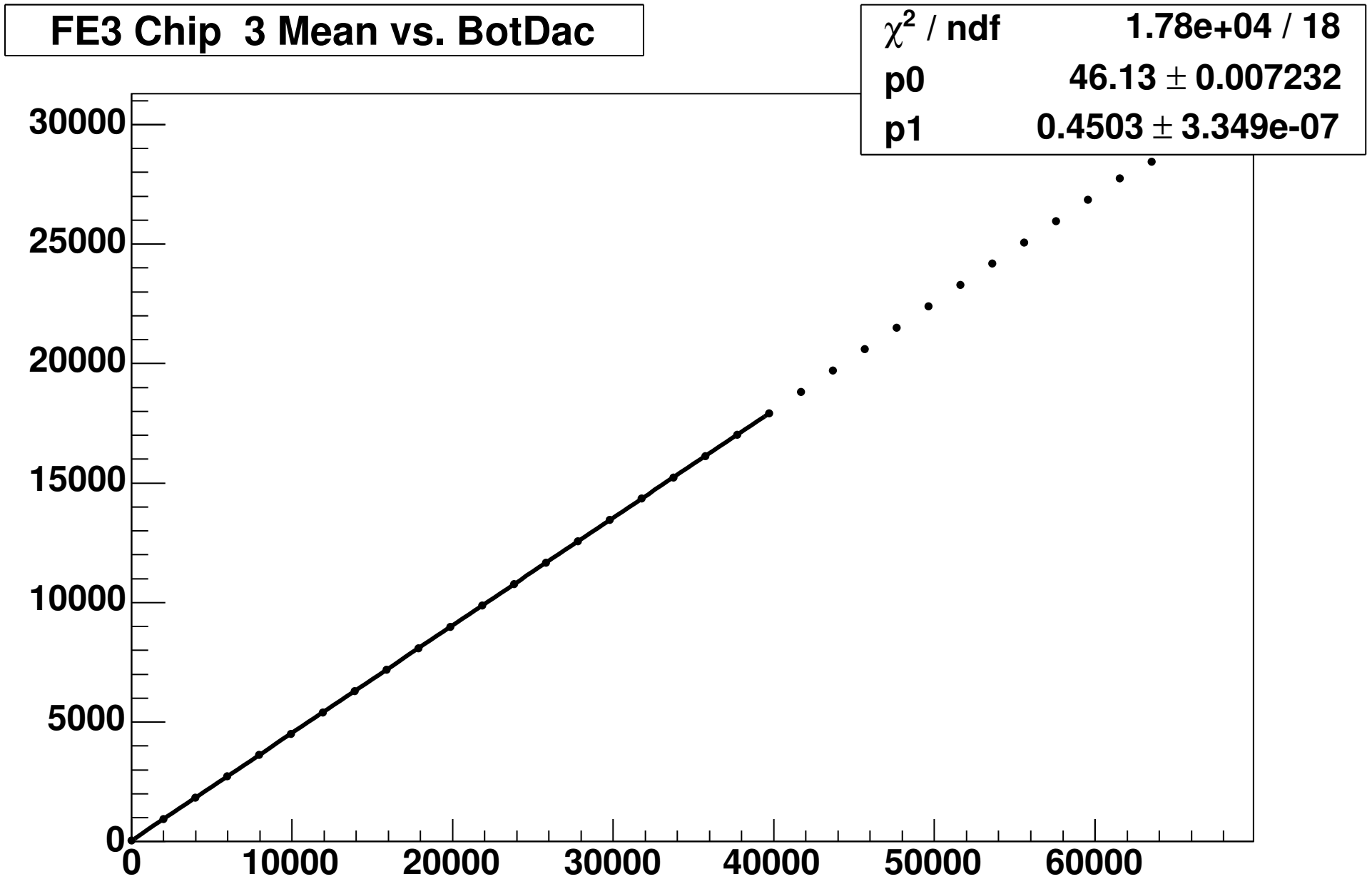
FE3 Chip 3 Mean vs. BotDac
χ² / ndf 1.78e+04 / 18
p0 46.13 ± 0.007232
p1 0.4503 ± 3.349e-07
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15000
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10000
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40000
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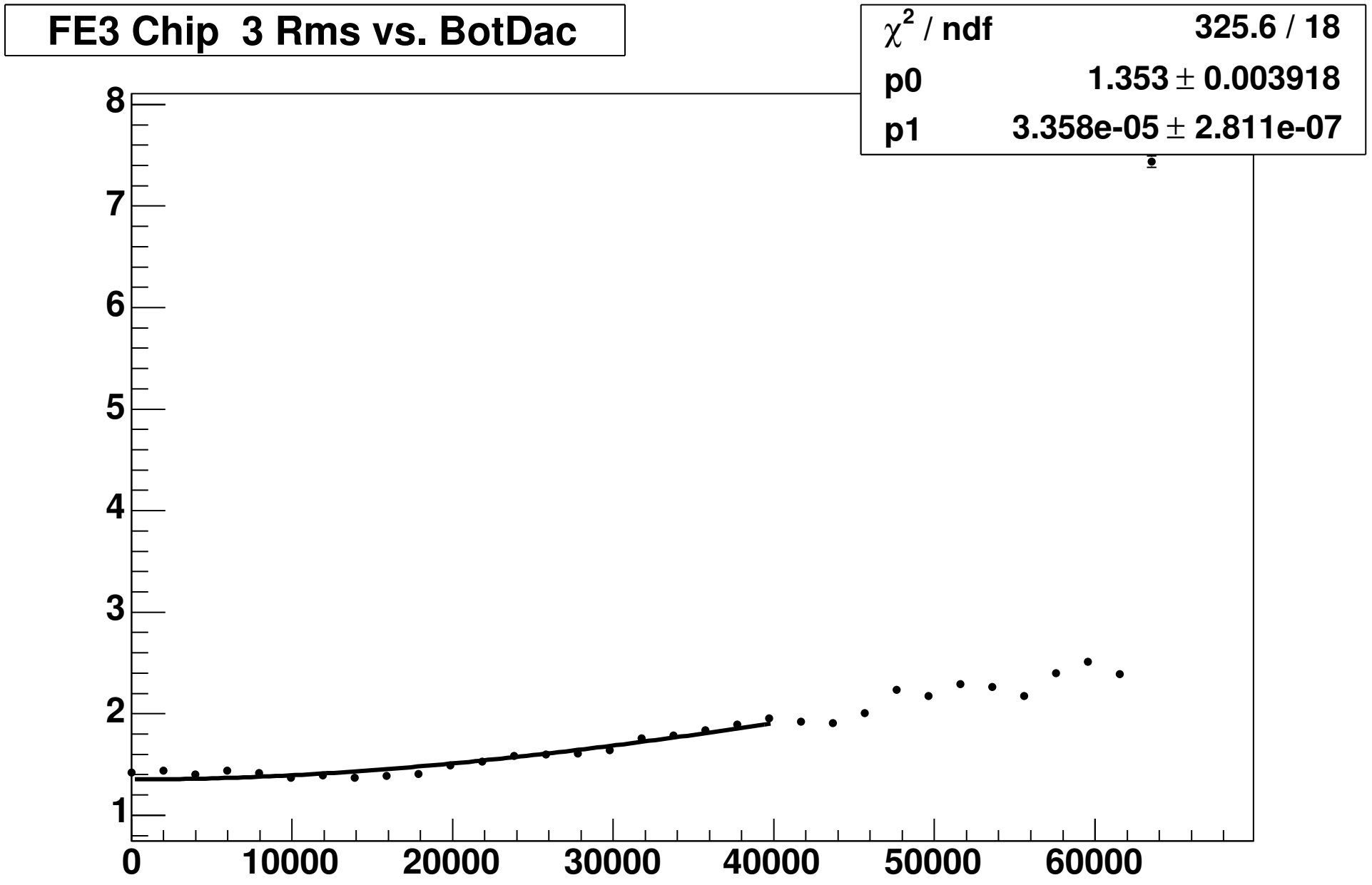
FE3 Chip 3 Rms vs. BotDac
χ² / ndf 325.6 / 18
p0 1.353 ± 0.003918
p1 3.358e-05 ± 2.811e-07
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7
6
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4
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10000
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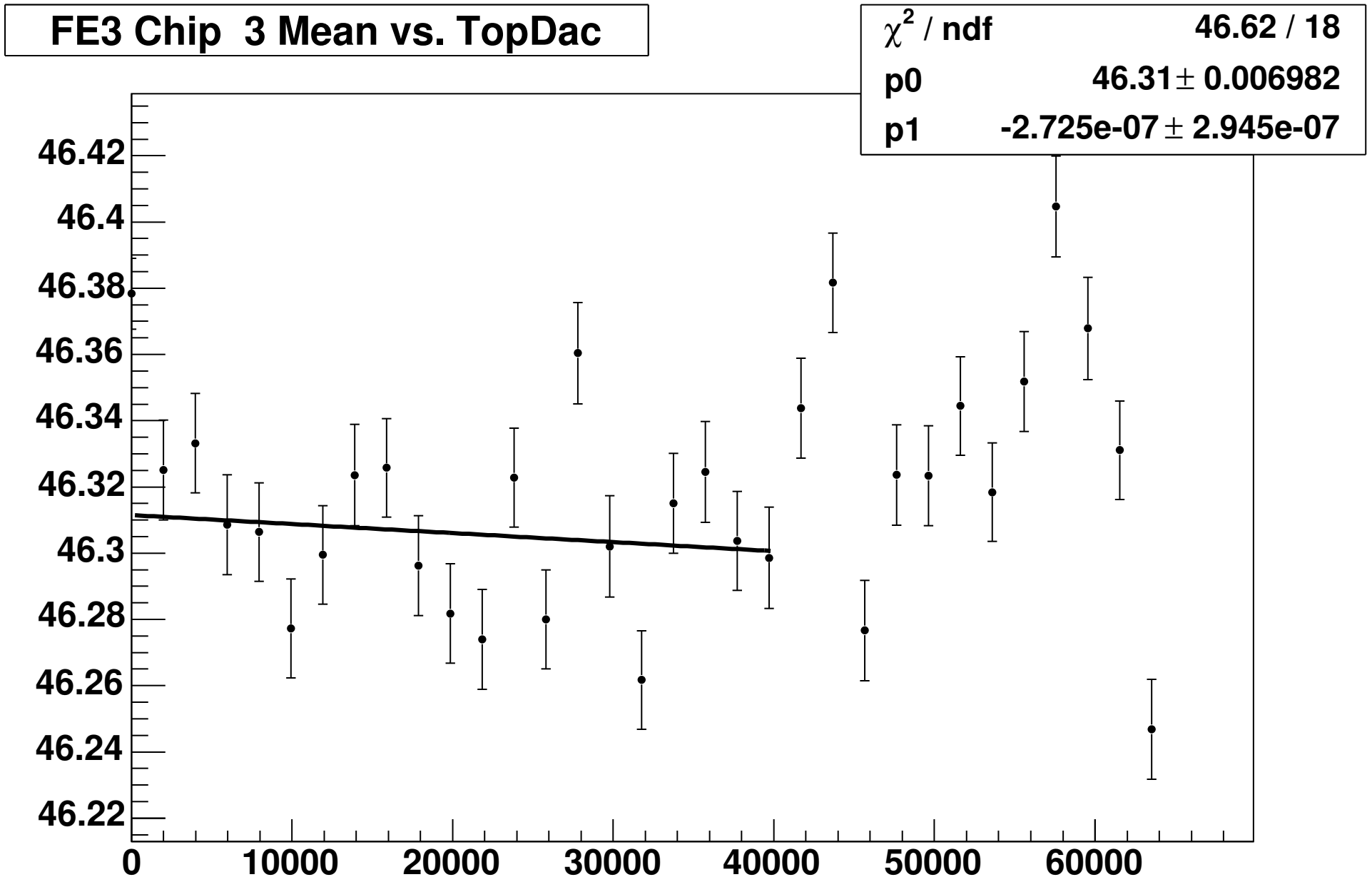
FE3 Chip 3 Mean vs. TopDac
χ² / ndf 46.62 / 18
p0 46.31 ± 0.006982
p1 -2.725e-07 ± 2.945e-07
46.42
46.4
46.38
46.36
46.34
46.32
46.3
46.28
46.26
46.24
46.22
0
10000
20000
30000
40000
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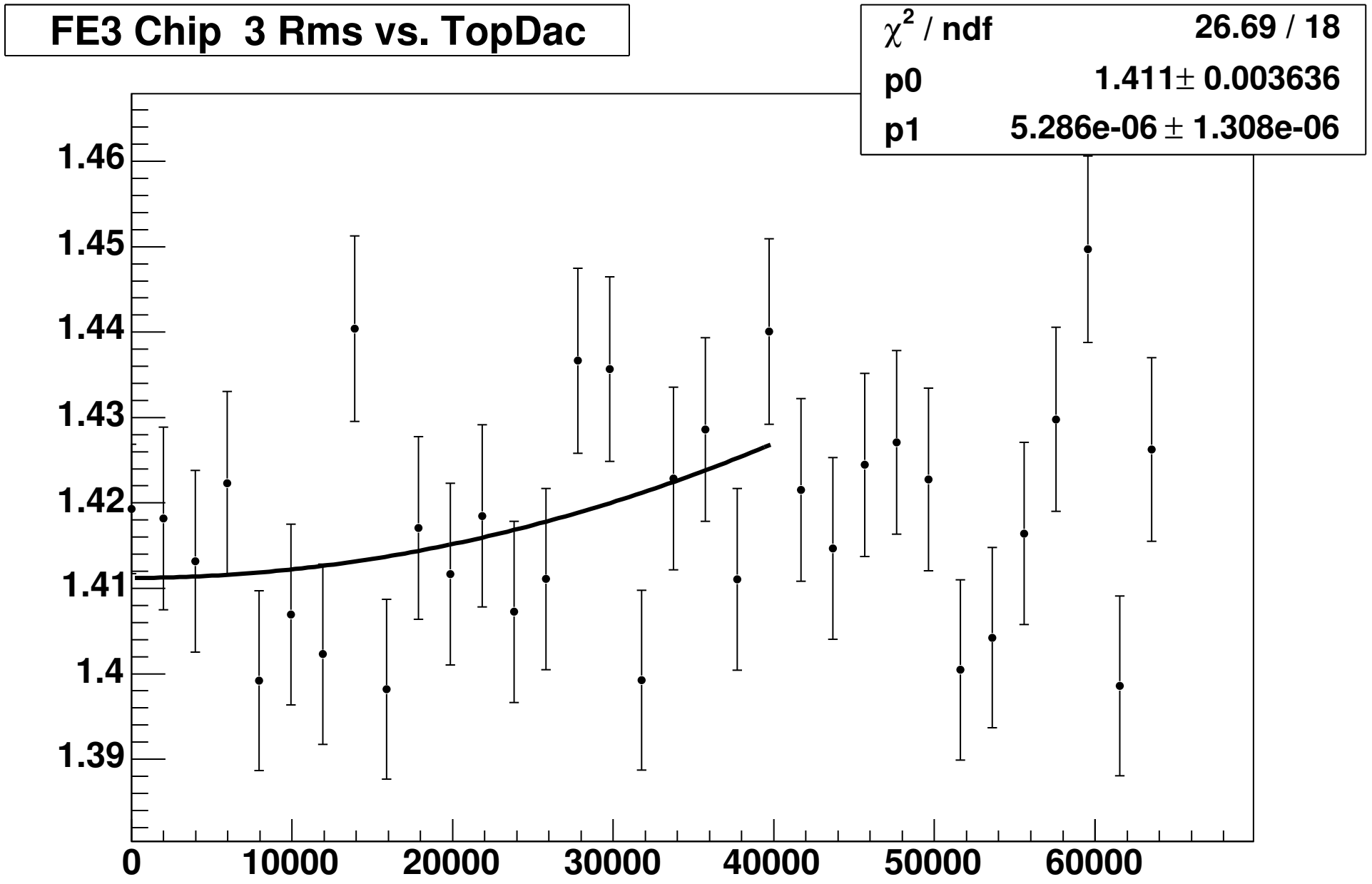
FE3 Chip 3 Rms vs. TopDac
χ² / ndf 26.69 / 18
p0 1.411 ± 0.003636
p1 5.286e-06 ± 1.308e-06
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
10000
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30000
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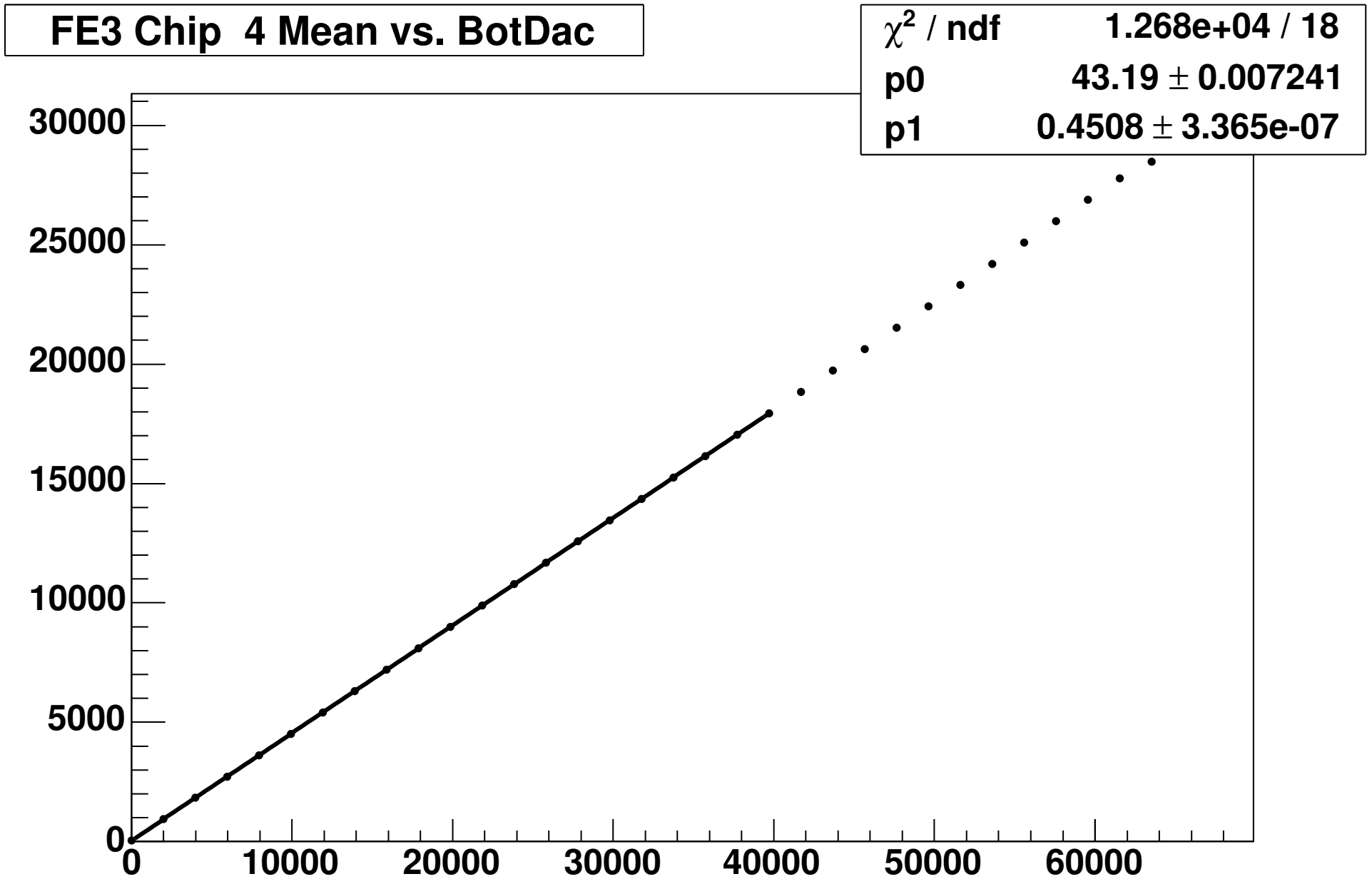
FE3 Chip 4 Mean vs. BotDac
χ² / ndf 1.268e+04 / 18
p0 43.19 ± 0.007241
p1 0.4508 ± 3.365e-07
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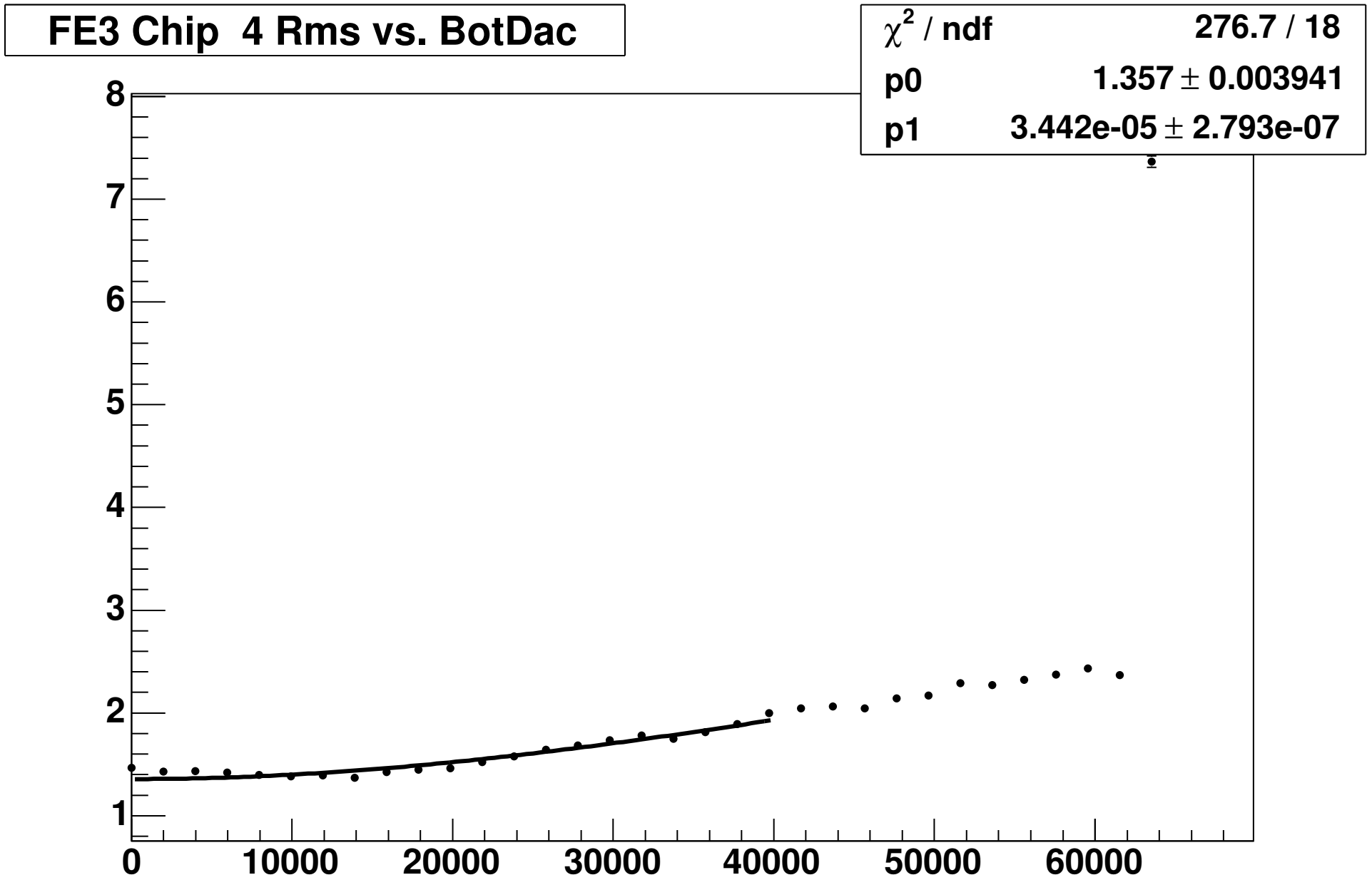
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 4 Rms vs. BotDac
χ² / ndf 276.7 / 18
p0 1.357 ± 0.003941
p1 3.442e-05 ± 2.793e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
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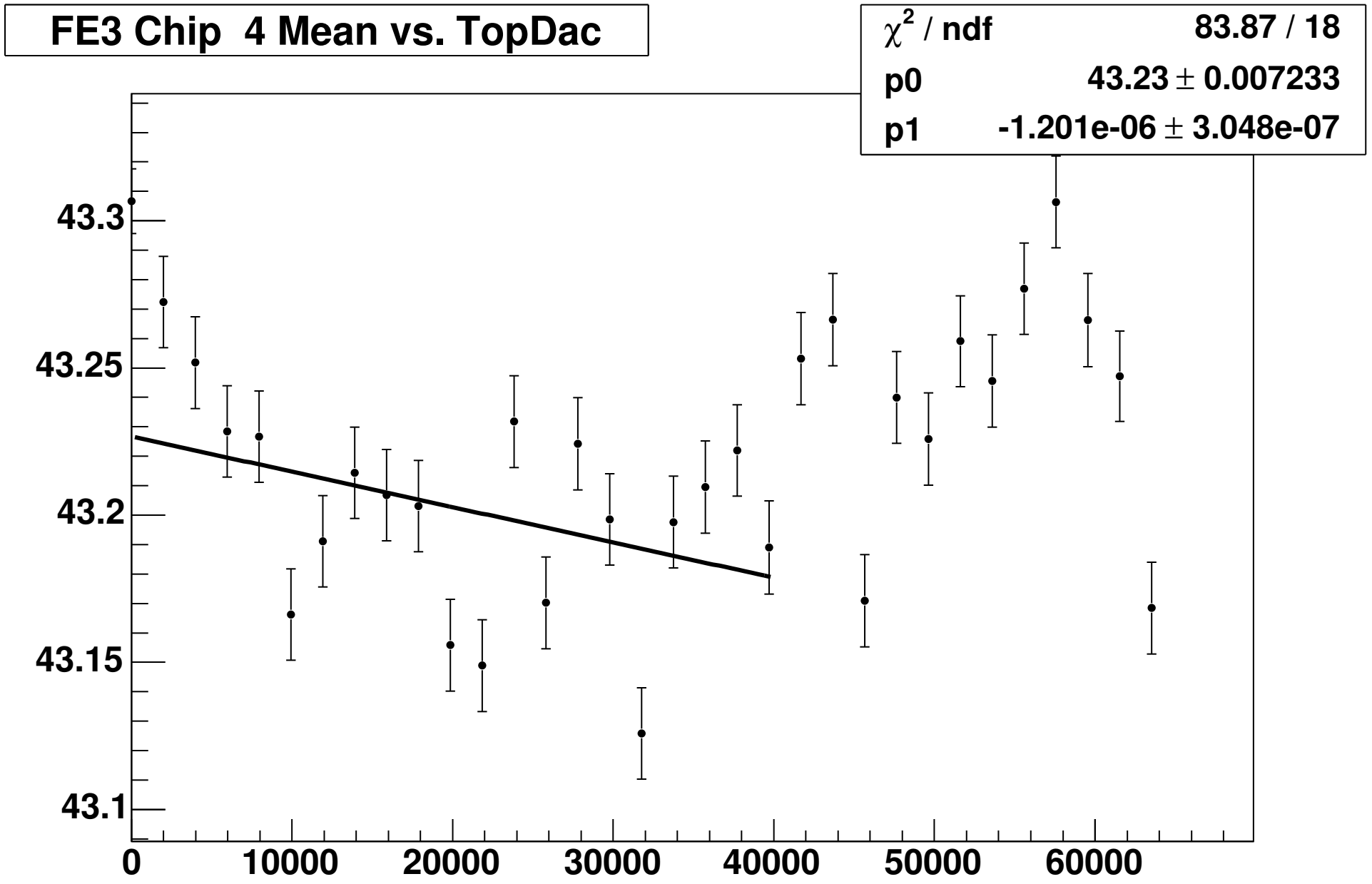
50000
60000


FE3 Chip 4 Mean vs. TopDac
χ² / ndf 83.87 / 18
p0 43.23 ± 0.007233
p1 -1.201e-06 ± 3.048e-07
43.3
43.25
43.2
43.15
43.1
0
10000
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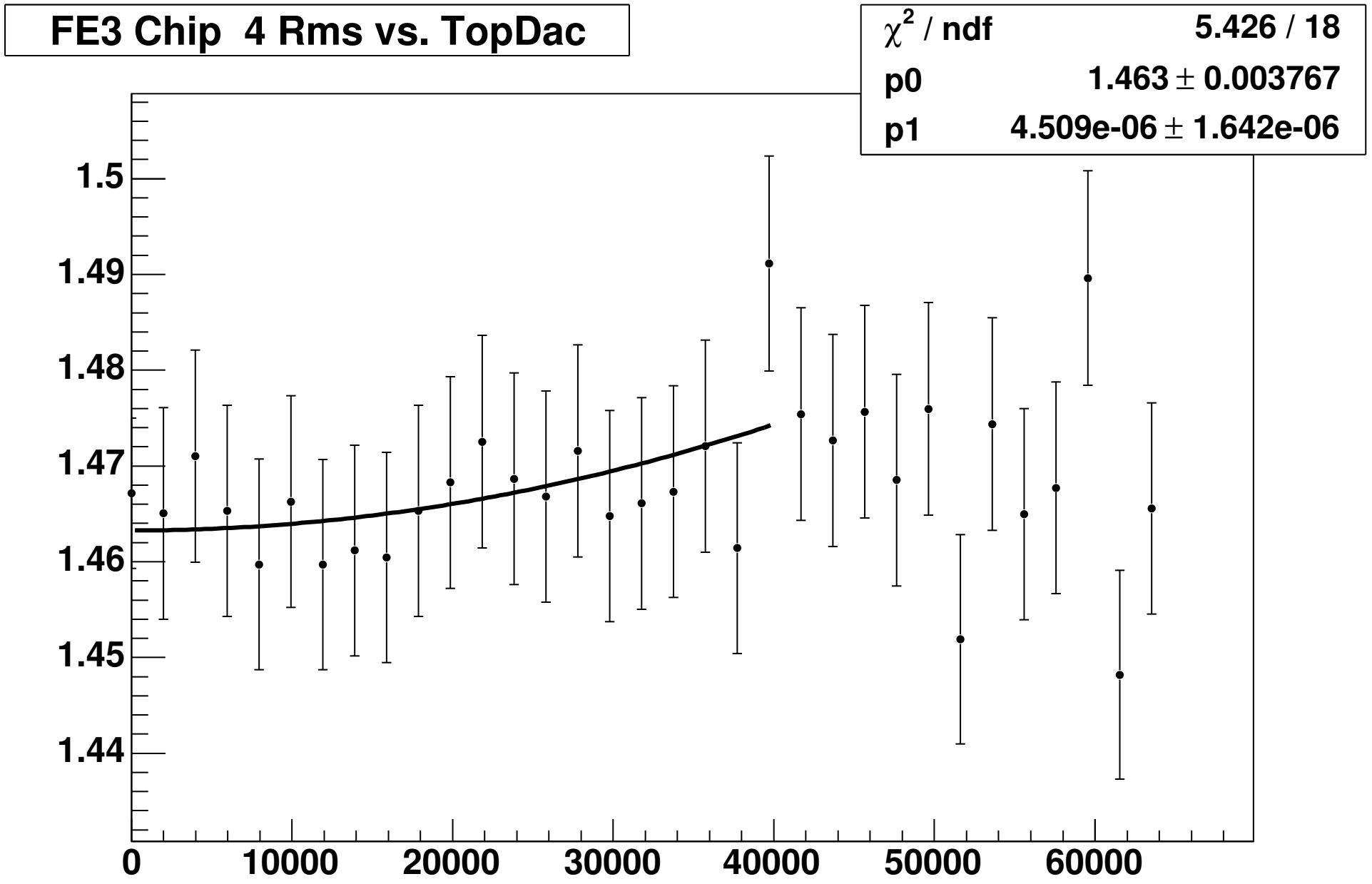
FE3 Chip 4 Rms vs. TopDac
χ² / ndf 5.426 / 18
p0 1.463 ± 0.003767
p1 4.509e-06 ± 1.642e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
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40000
50000
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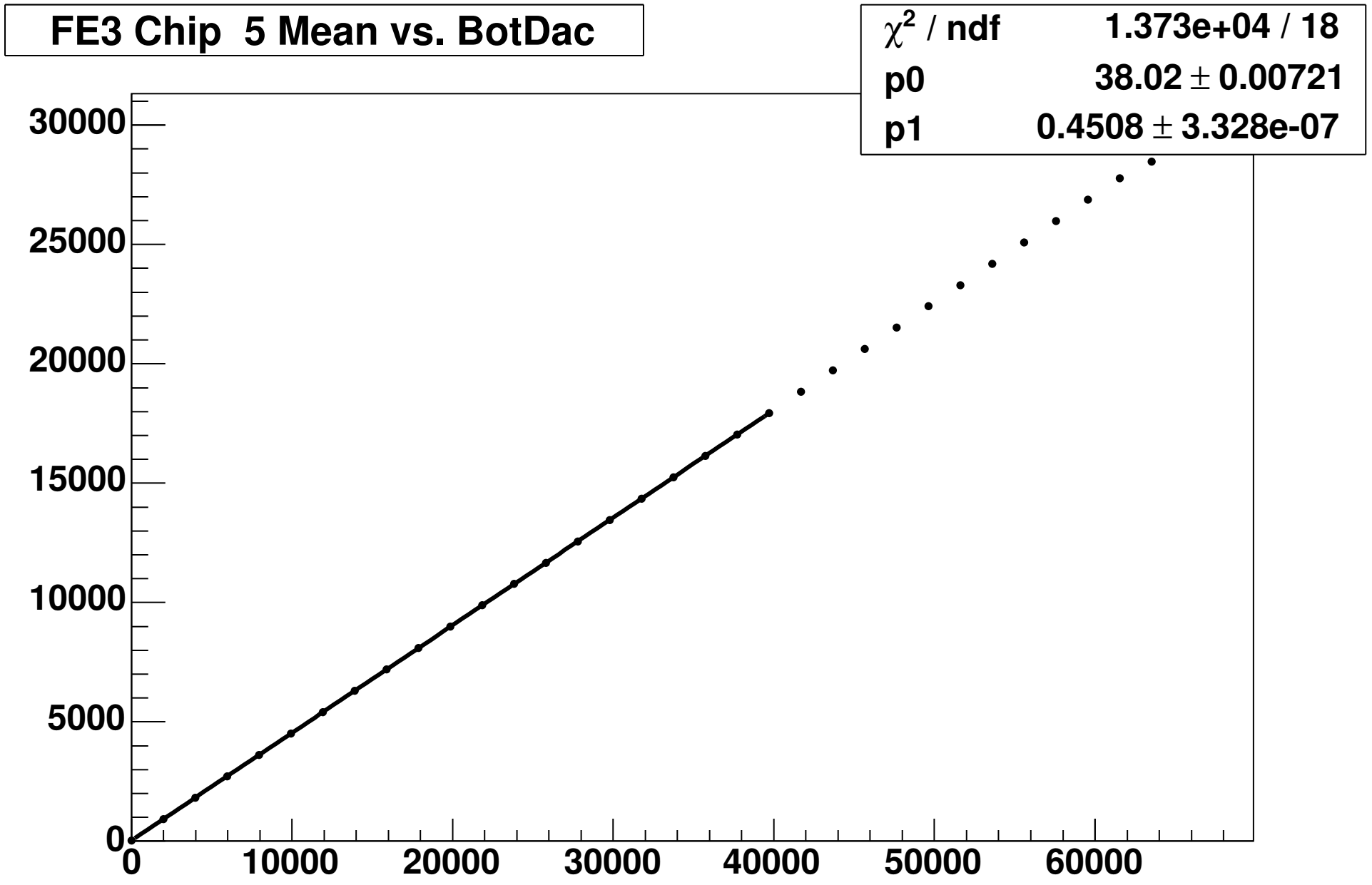
FE3 Chip 5 Mean vs. BotDac
χ² / ndf 1.373e+04 / 18
p0 38.02 ± 0.00721
p1 0.4508 ± 3.328e-07
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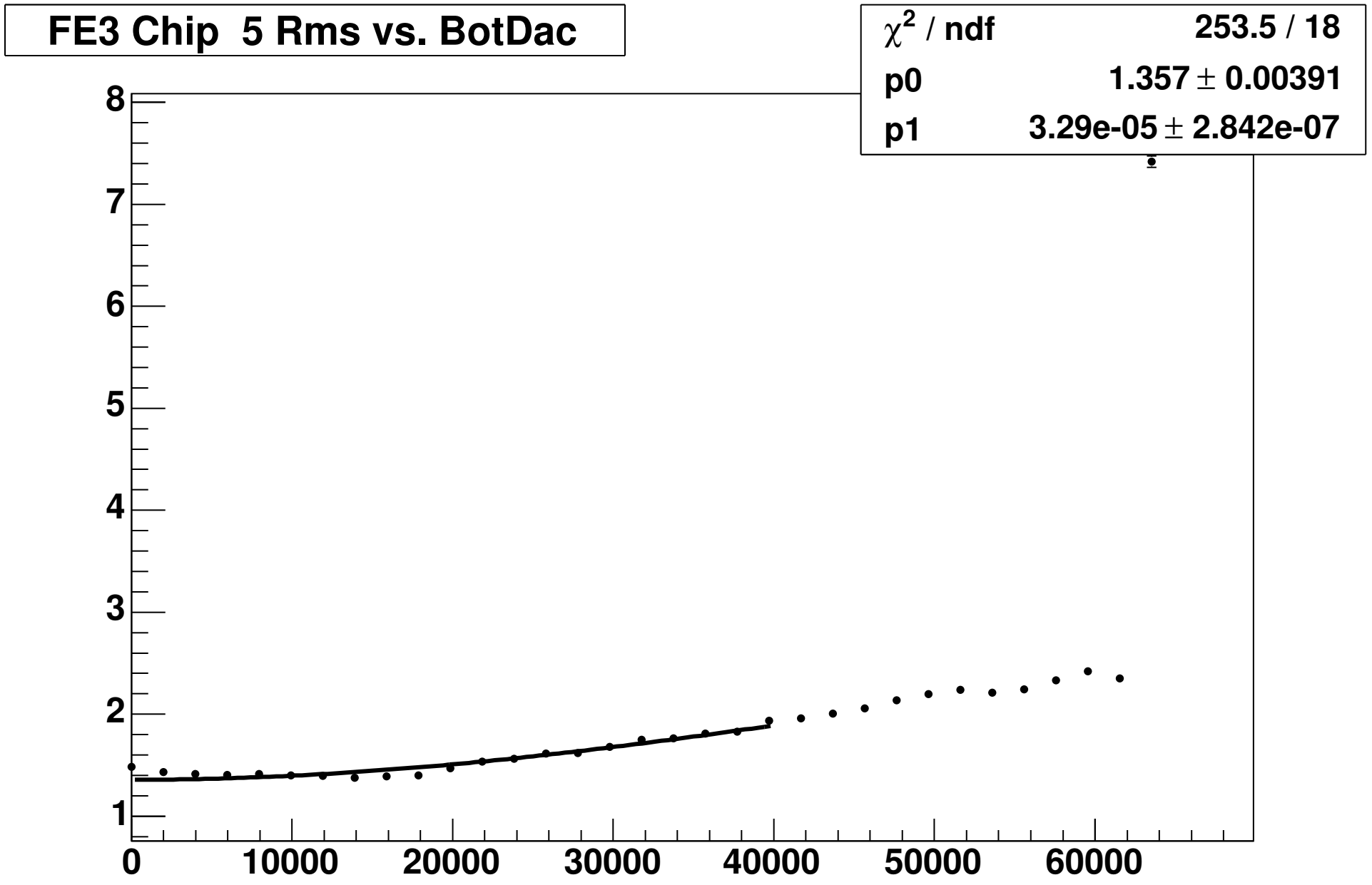
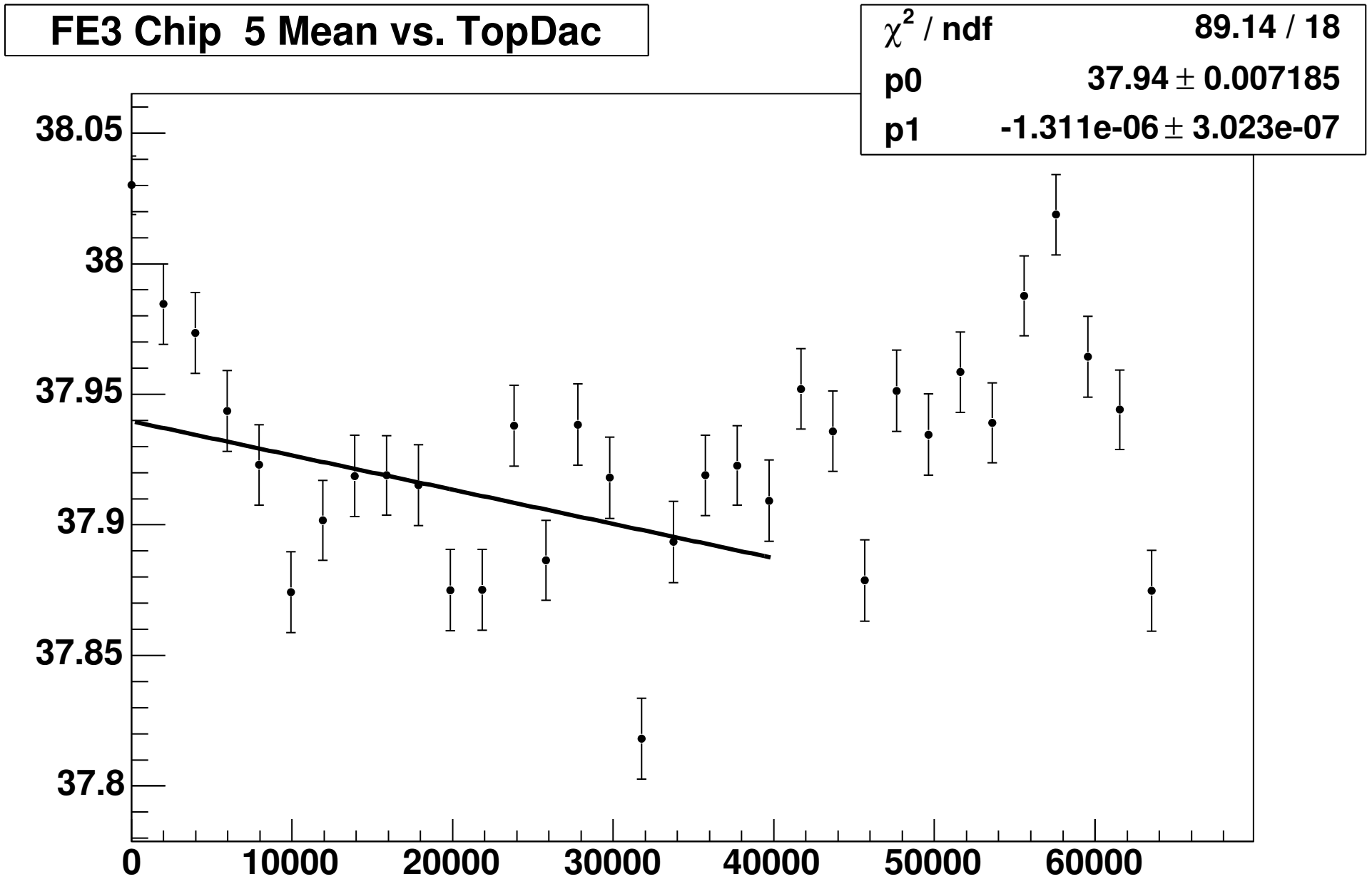
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 5 Rms vs. BotDac
χ² / ndf 253.5 / 18
p0 1.357 ± 0.00391
p1 3.29e-05 ± 2.842e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE3 Chip 5 Mean vs. TopDac
χ² / ndf 89.14 / 18
p0 37.94 ± 0.007185
p1 -1.311e-06 ± 3.023e-07
38.05
38
37.95
37.9
37.85
37.8
0
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50000
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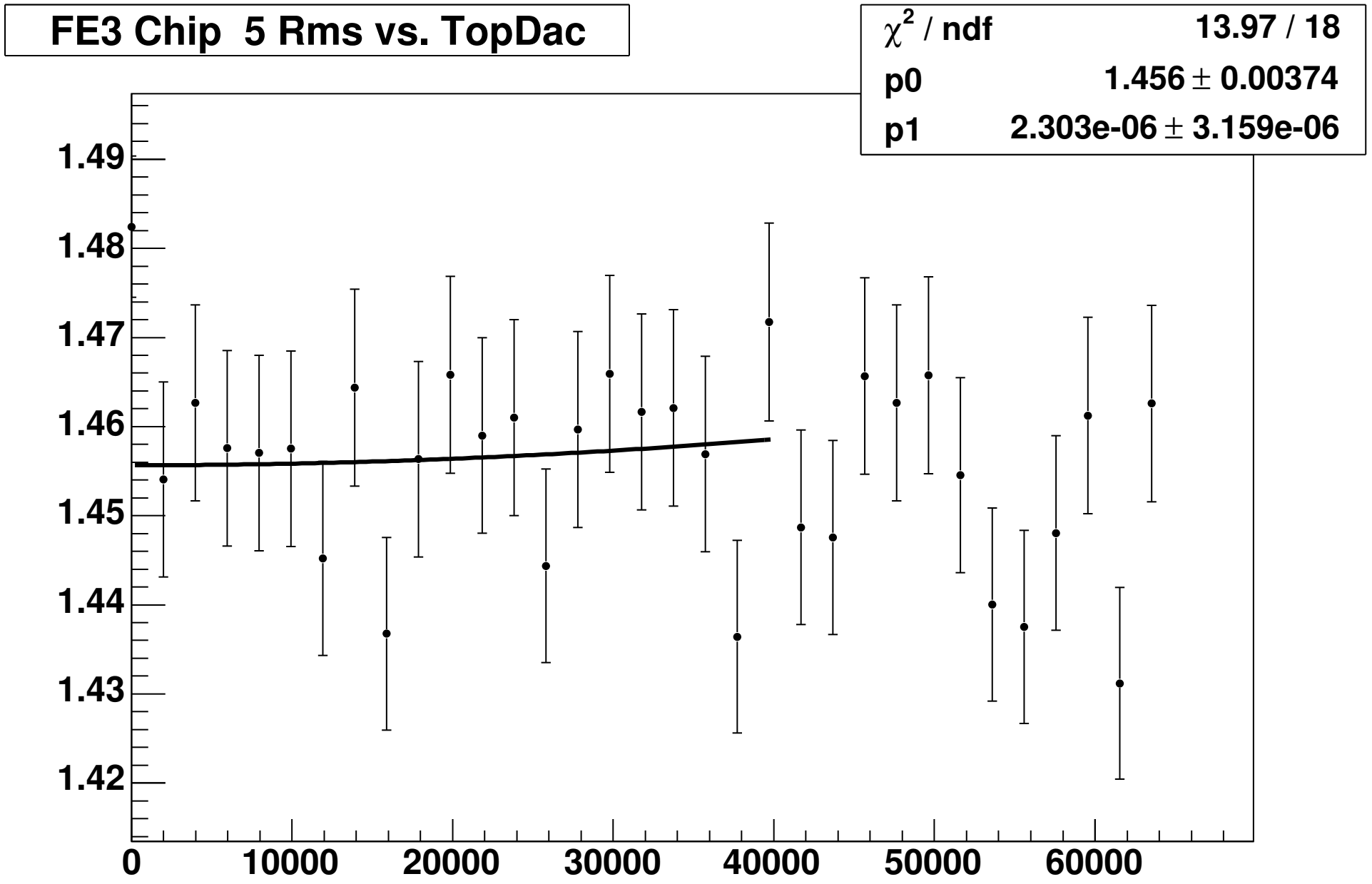
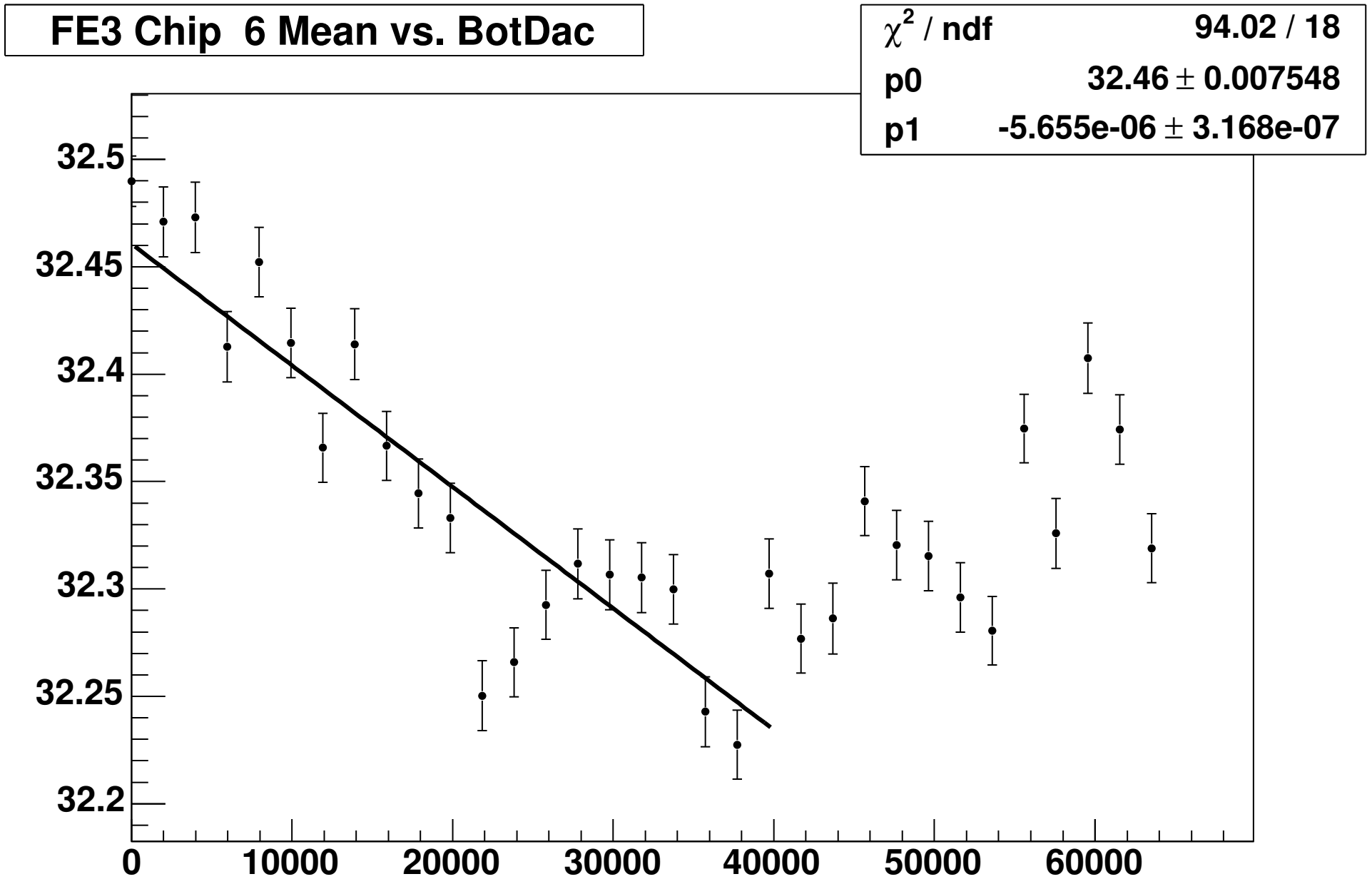

FE3 Chip 5 Rms vs. TopDac
χ² / ndf 13.97 / 18
p0 1.456 ± 0.00374
p1 2.303e-06 ± 3.159e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
10000
20000
30000
40000
50000
60000


FE3 Chip 6 Mean vs. BotDac
χ² / ndf 94.02 / 18
p0 32.46 ± 0.007548
p1 -5.655e-06 ± 3.168e-07
32.5
32.45
32.4
32.35
32.3
32.25
32.2
0
10000
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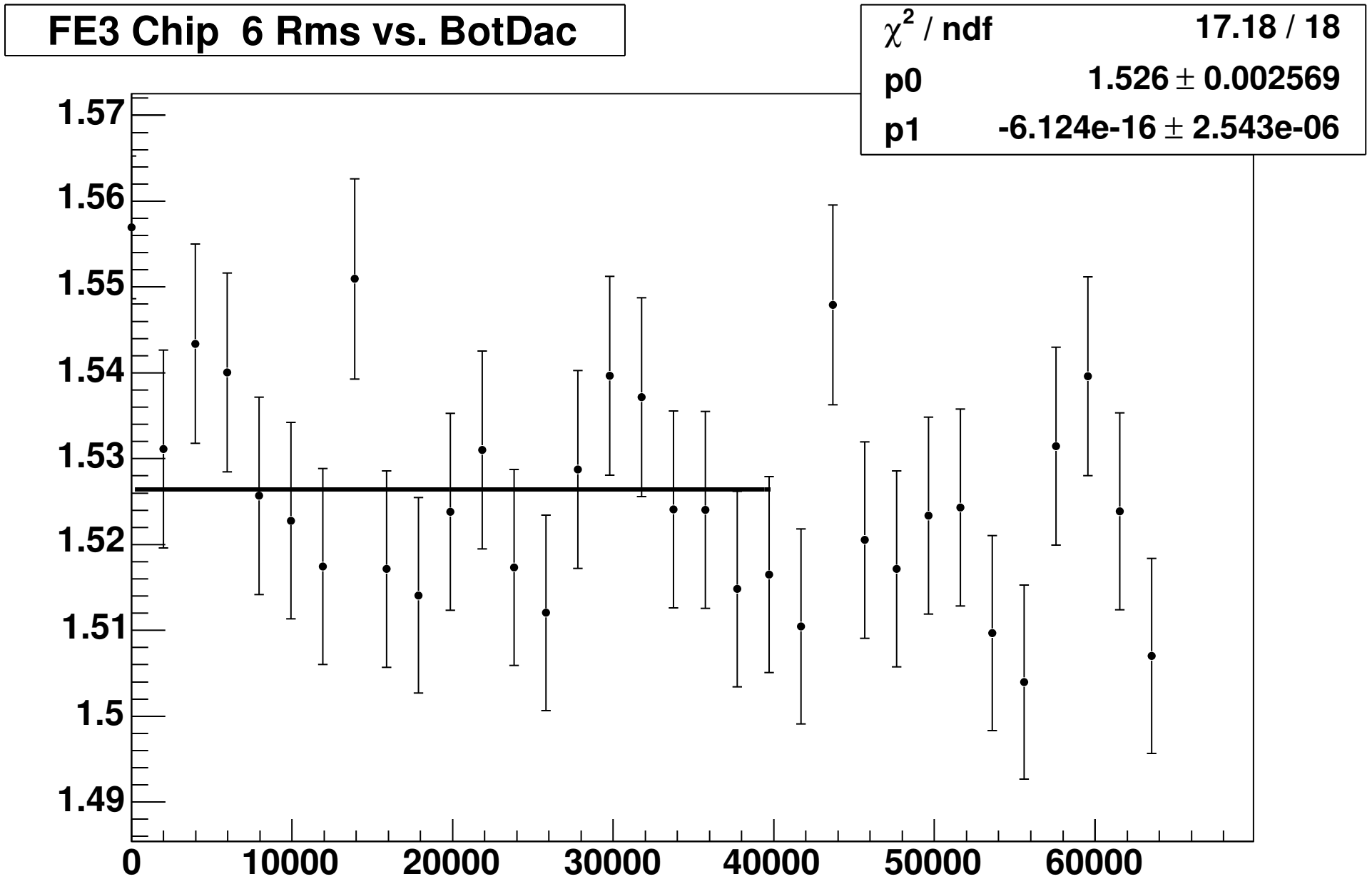
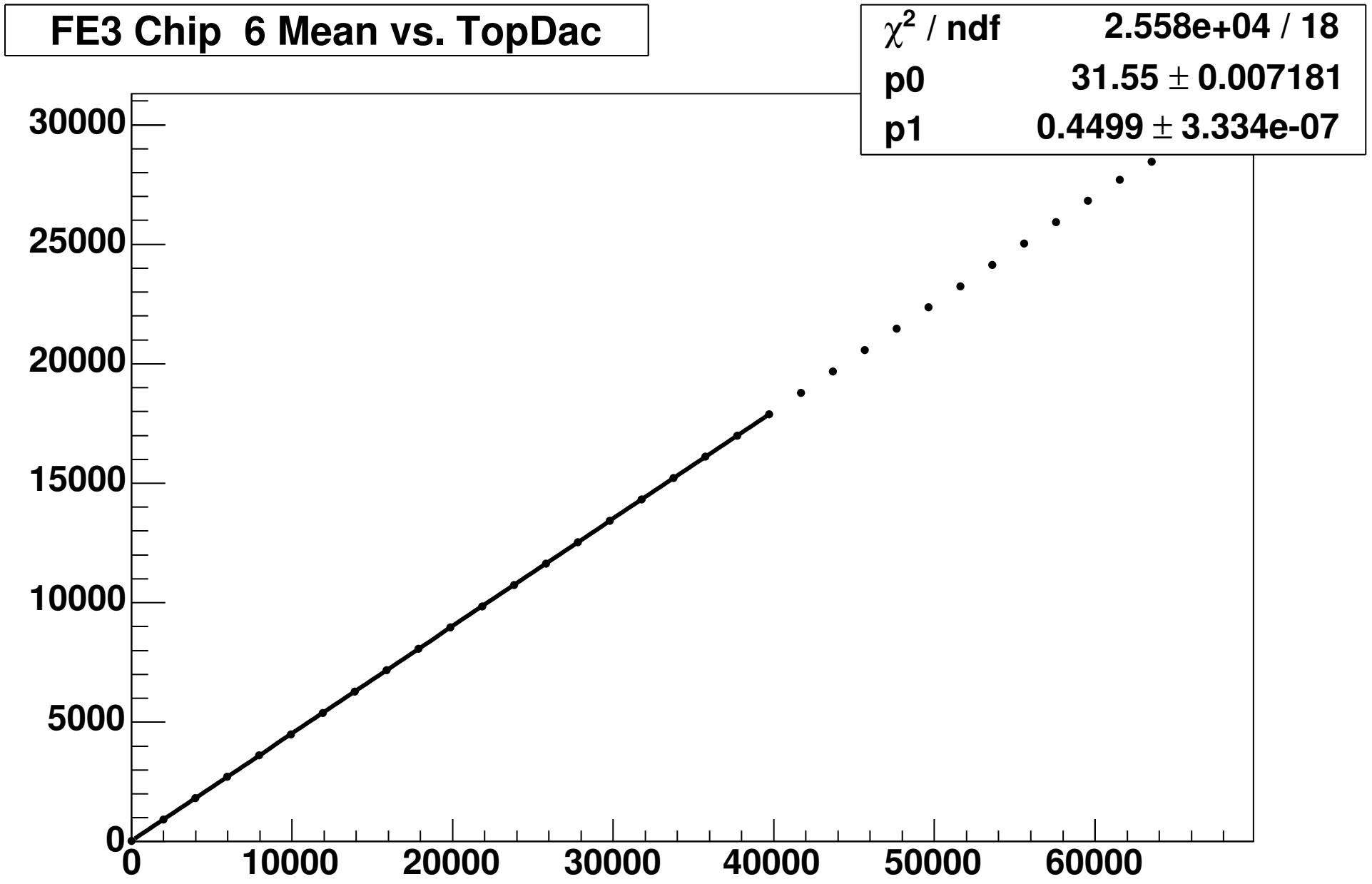
30000
40000
50000
60000


FE3 Chip 6 Rms vs. BotDac
χ² / ndf 17.18 / 18
p0 1.526 ± 0.002569
p1 -6.124e-16 ± 2.543e-06
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
0
10000
20000
30000
40000
50000
60000


FE3 Chip 6 Mean vs. TopDac
χ² / ndf 2.558e+04 / 18
p0 31.55 ± 0.007181
p1 0.4499 ± 3.334e-07
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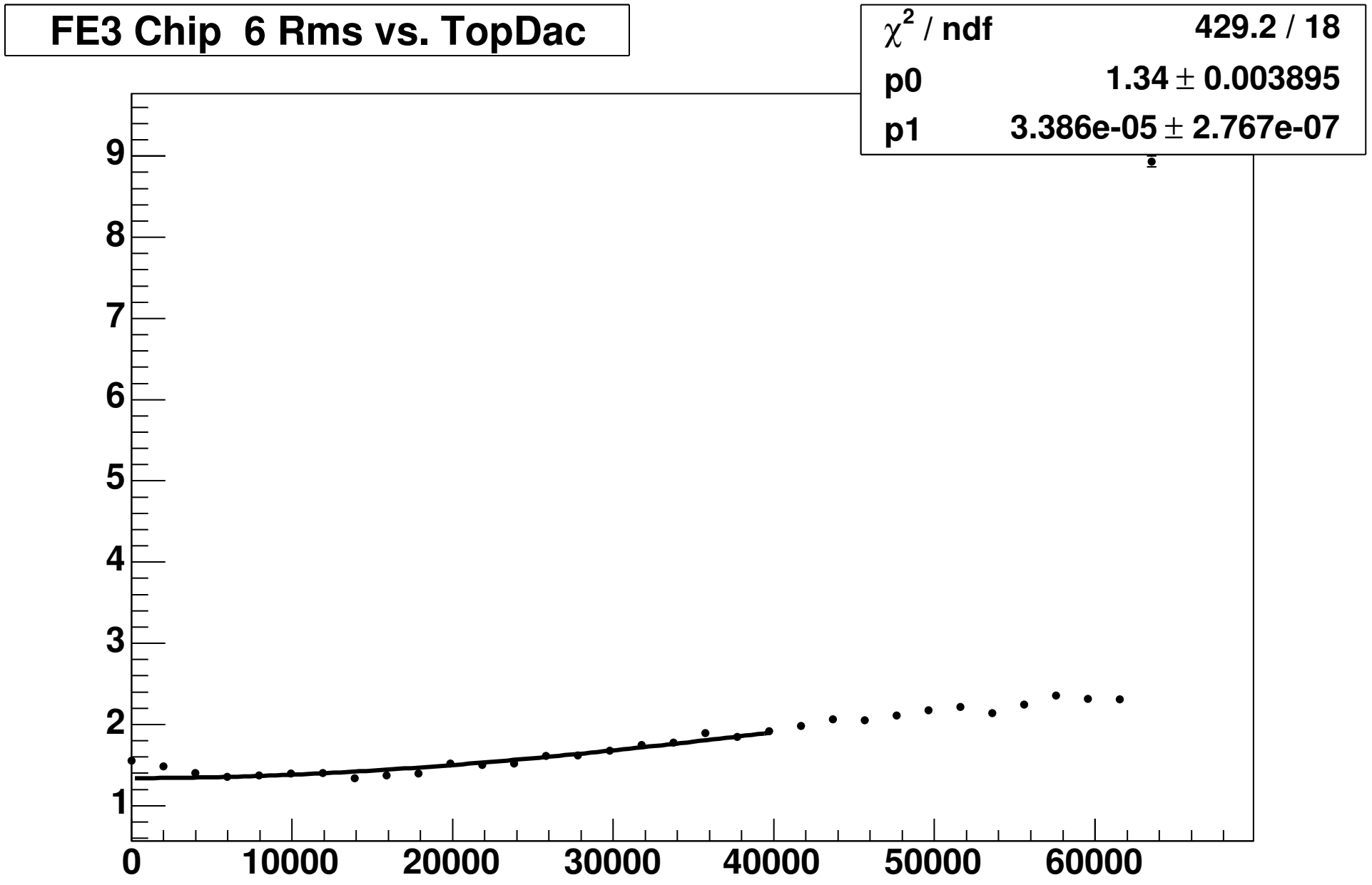
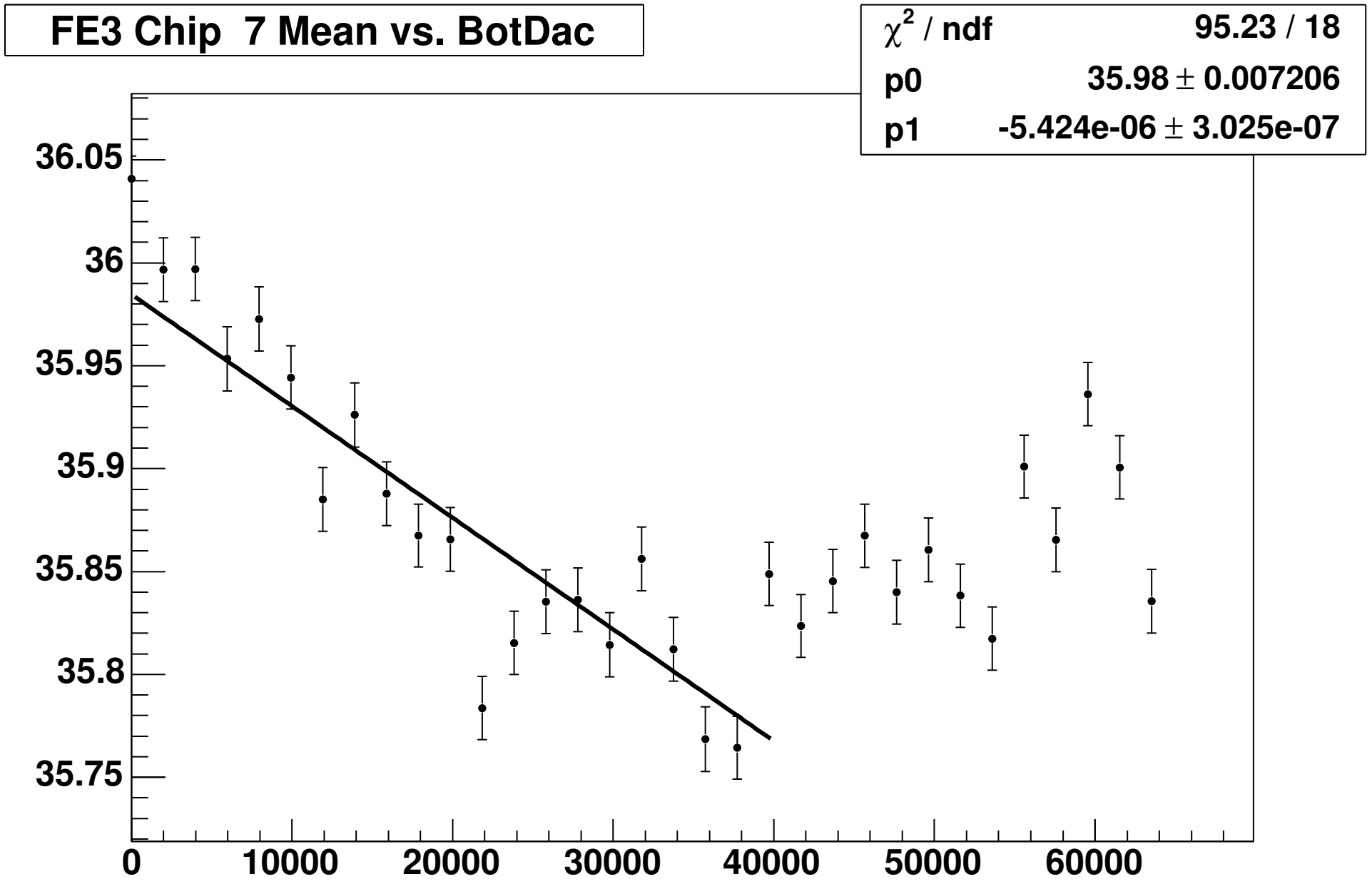
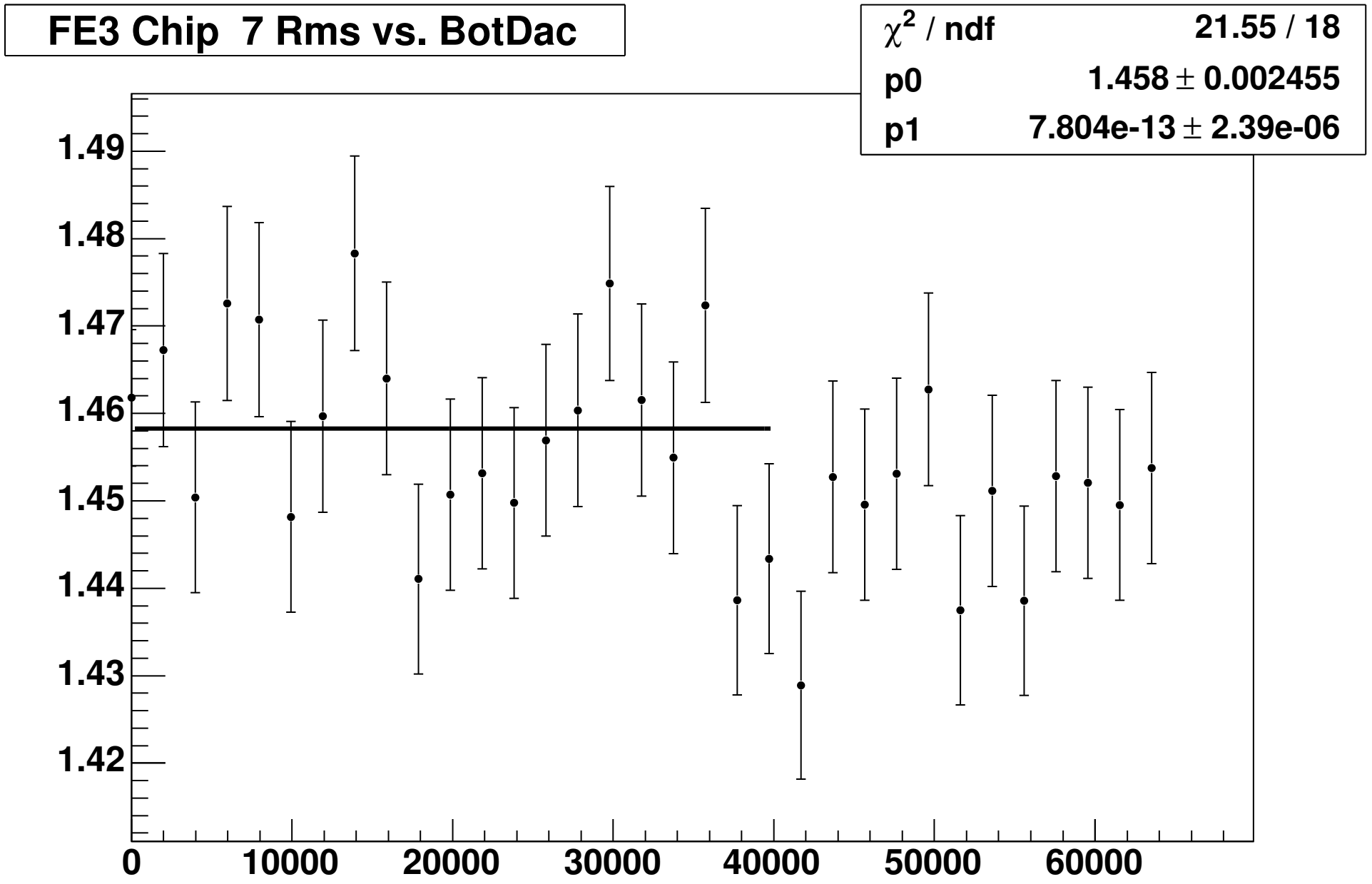
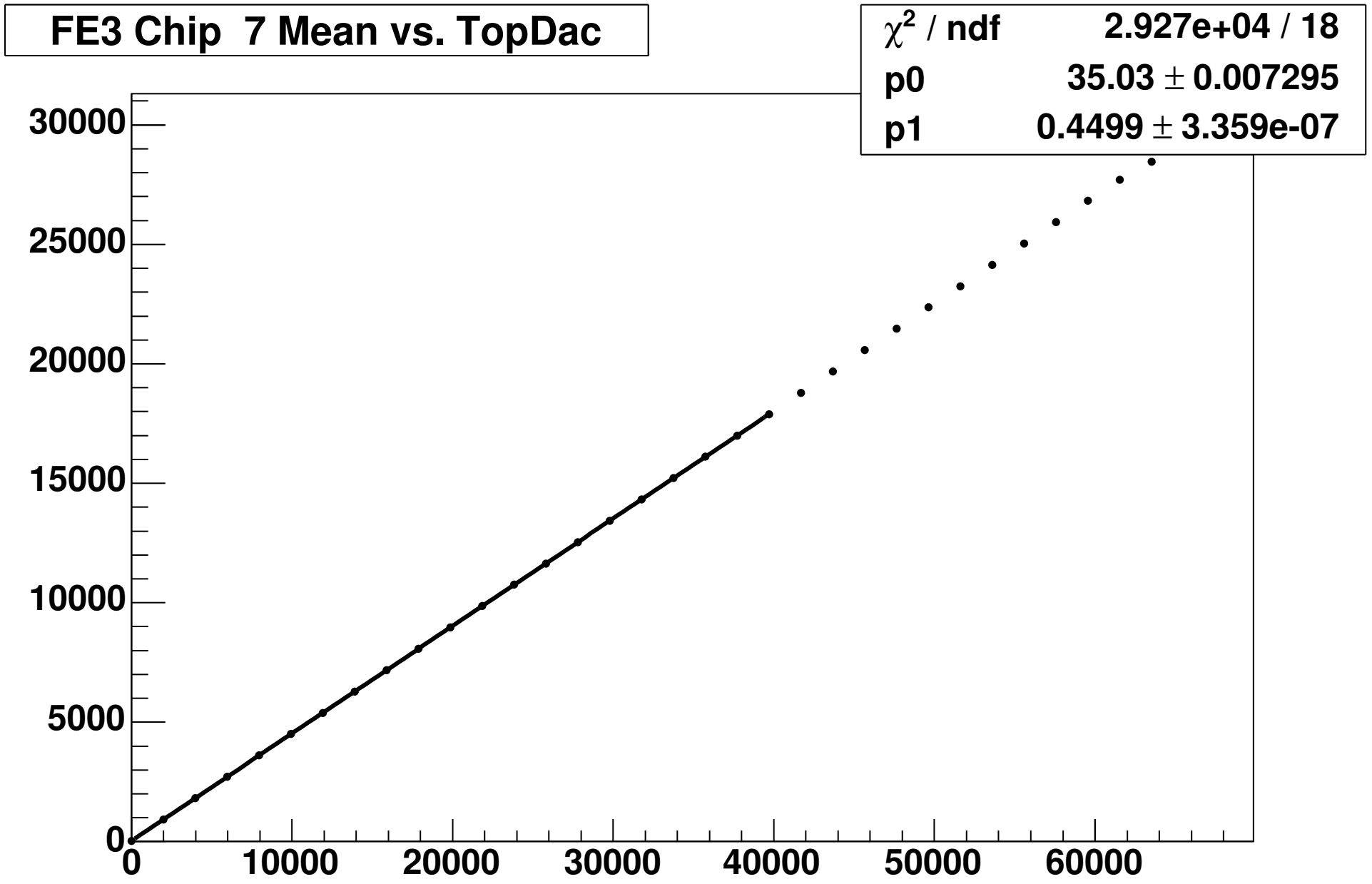
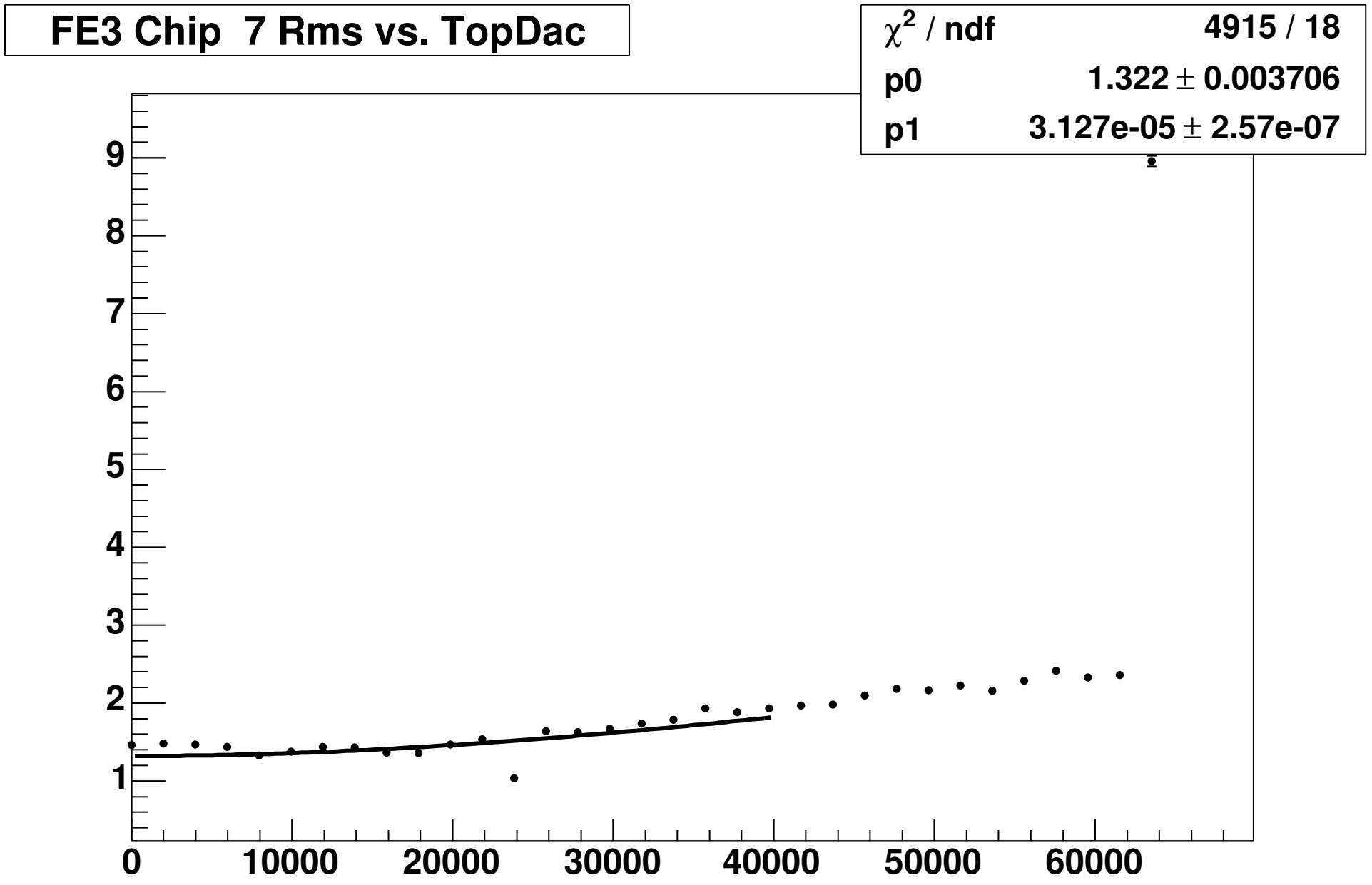
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000

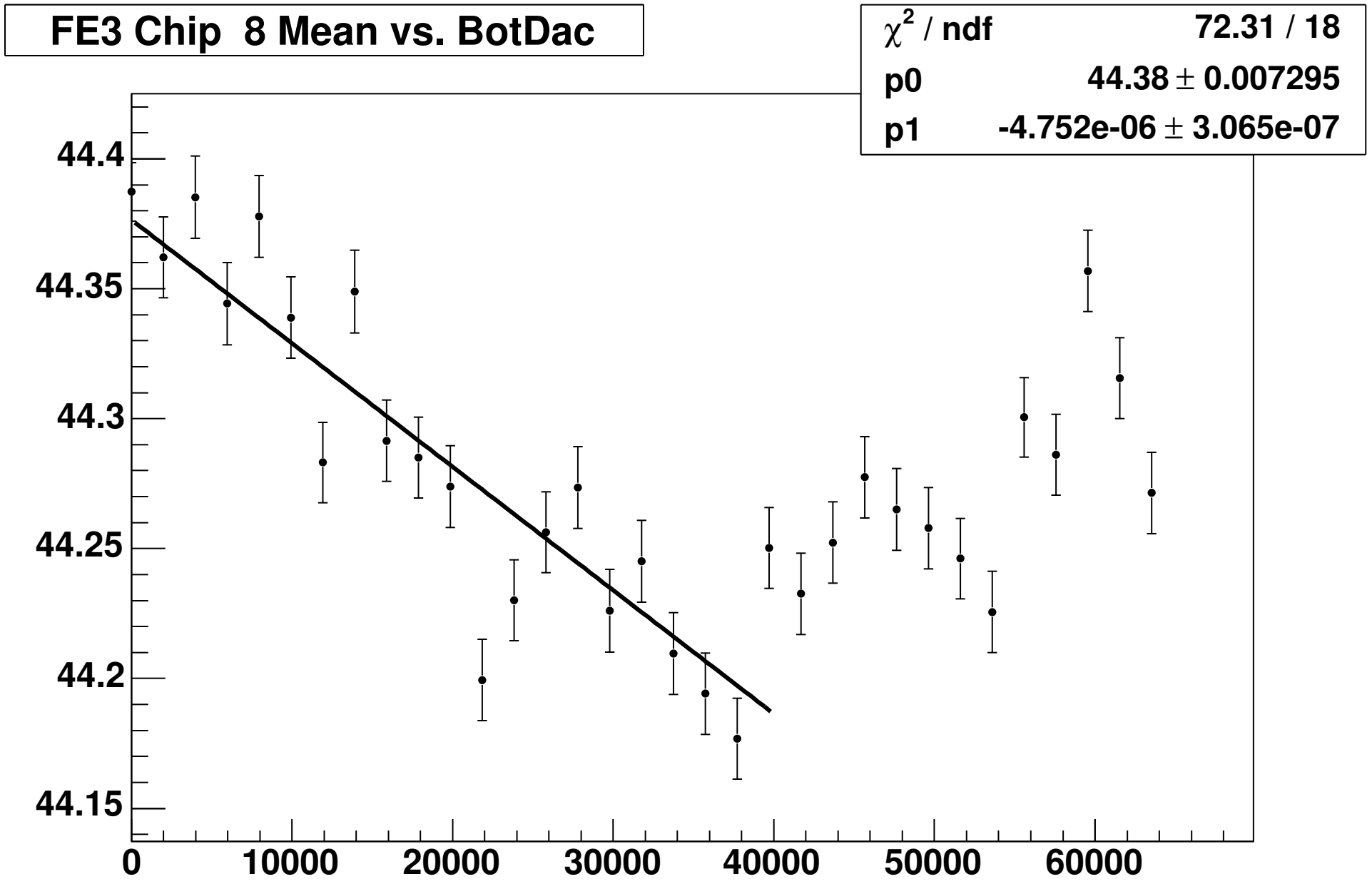

FE3 Chip 6 Rms vs. TopDac
χ² / ndf 429.2 / 18
p0 1.34 ± 0.003895
p1 3.386e-05 ± 2.767e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000

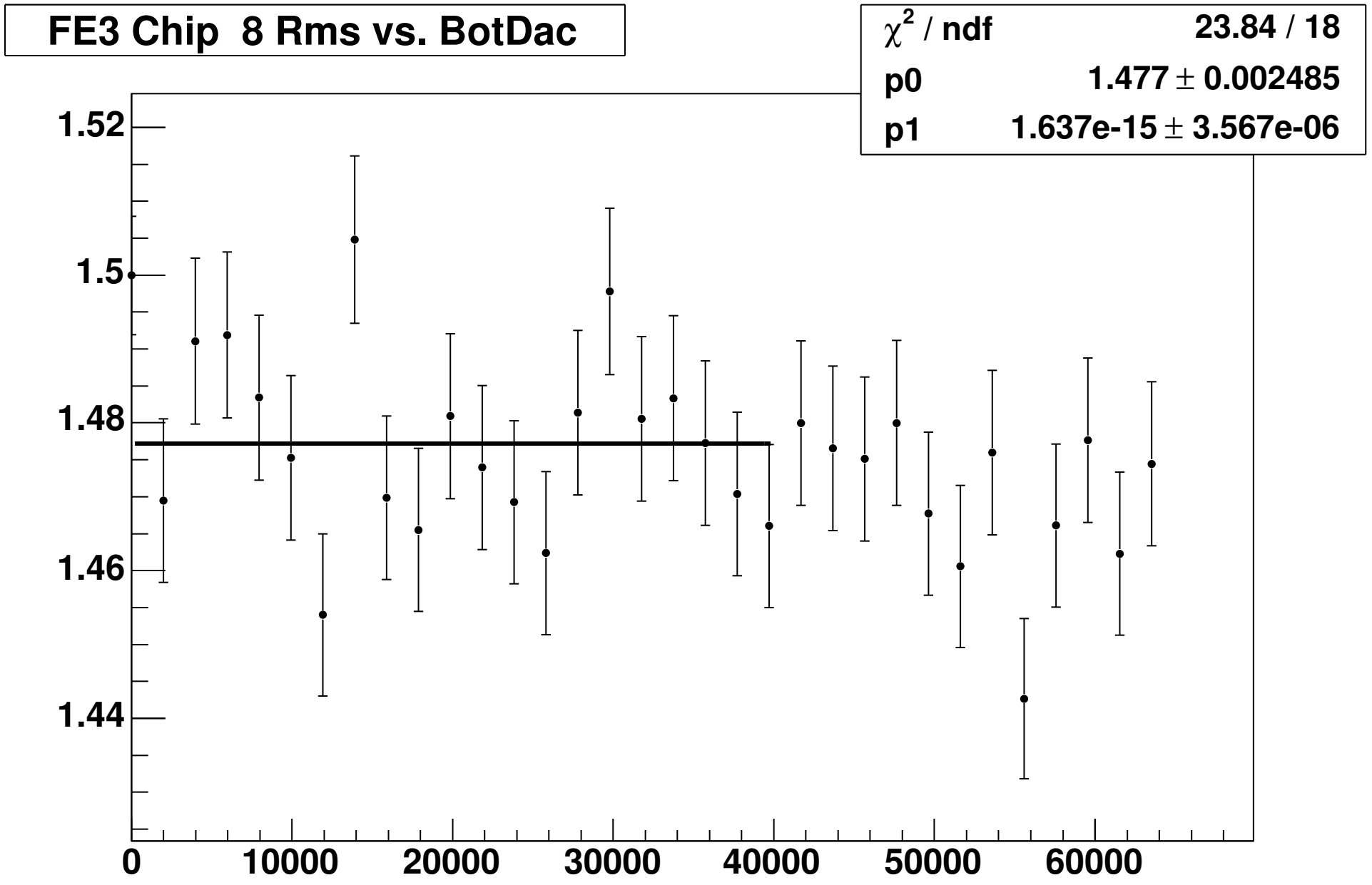

FE3 Chip 7 Mean vs. BotDac
χ² / ndf 95.23 / 18
p0 35.98 ± 0.007206
p1 -5.424e-06 ± 3.025e-07
36.05
36
35.95
35.9
35.85
35.8
35.75
0
10000
20000
30000
40000
50000
60000

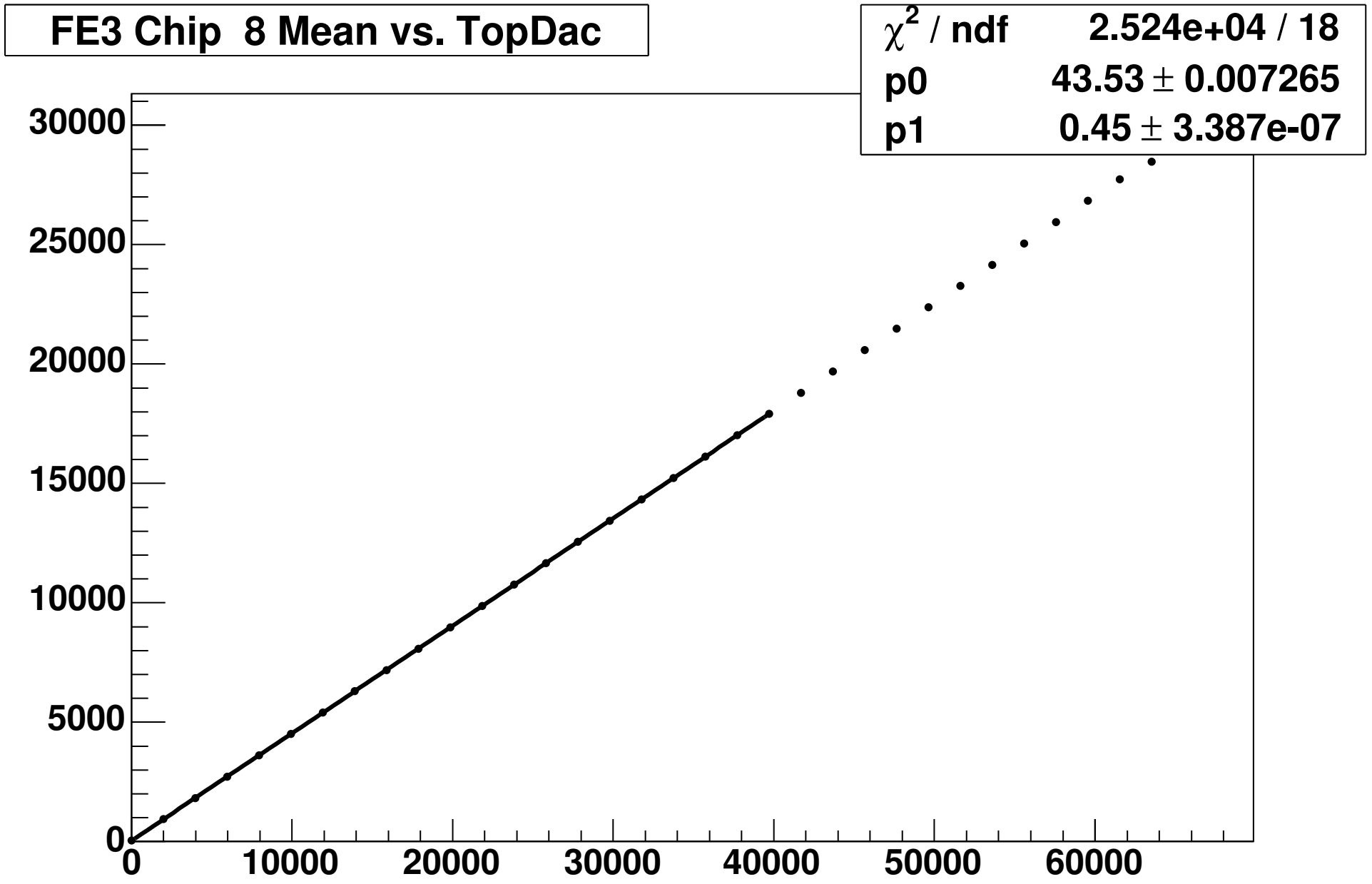

FE3 Chip 7 Rms vs. BotDac
χ² / ndf 21.55 / 18
p0 1.458 ± 0.002455
p1 7.804e-13 ± 2.39e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
10000
20000
30000
40000
50000
60000


FE3 Chip 7 Mean vs. TopDac
χ² / ndf 2.927e+04 / 18
p0 35.03 ± 0.007295
p1 0.4499 ± 3.359e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 7 Rms vs. TopDac
χ² / ndf 4915 / 18
p0 1.322 ± 0.003706
p1 3.127e-05 ± 2.57e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE3 Chip 8 Mean vs. BotDac
χ² / ndf 72.31 / 18
p0 44.38 ± 0.007295
p1 -4.752e-06 ± 3.065e-07
44.4
44.35
44.3
44.25
44.2
44.15
0
10000
20000
30000
40000
50000
60000


FE3 Chip 8 Rms vs. BotDac
χ² / ndf 23.84 / 18
p0 1.477 ± 0.002485
p1 1.637e-15 ± 3.567e-06
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
50000
60000


FE3 Chip 8 Mean vs. TopDac
χ² / ndf 2.524e+04 / 18
p0 43.53 ± 0.007265
p1 0.45 ± 3.387e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
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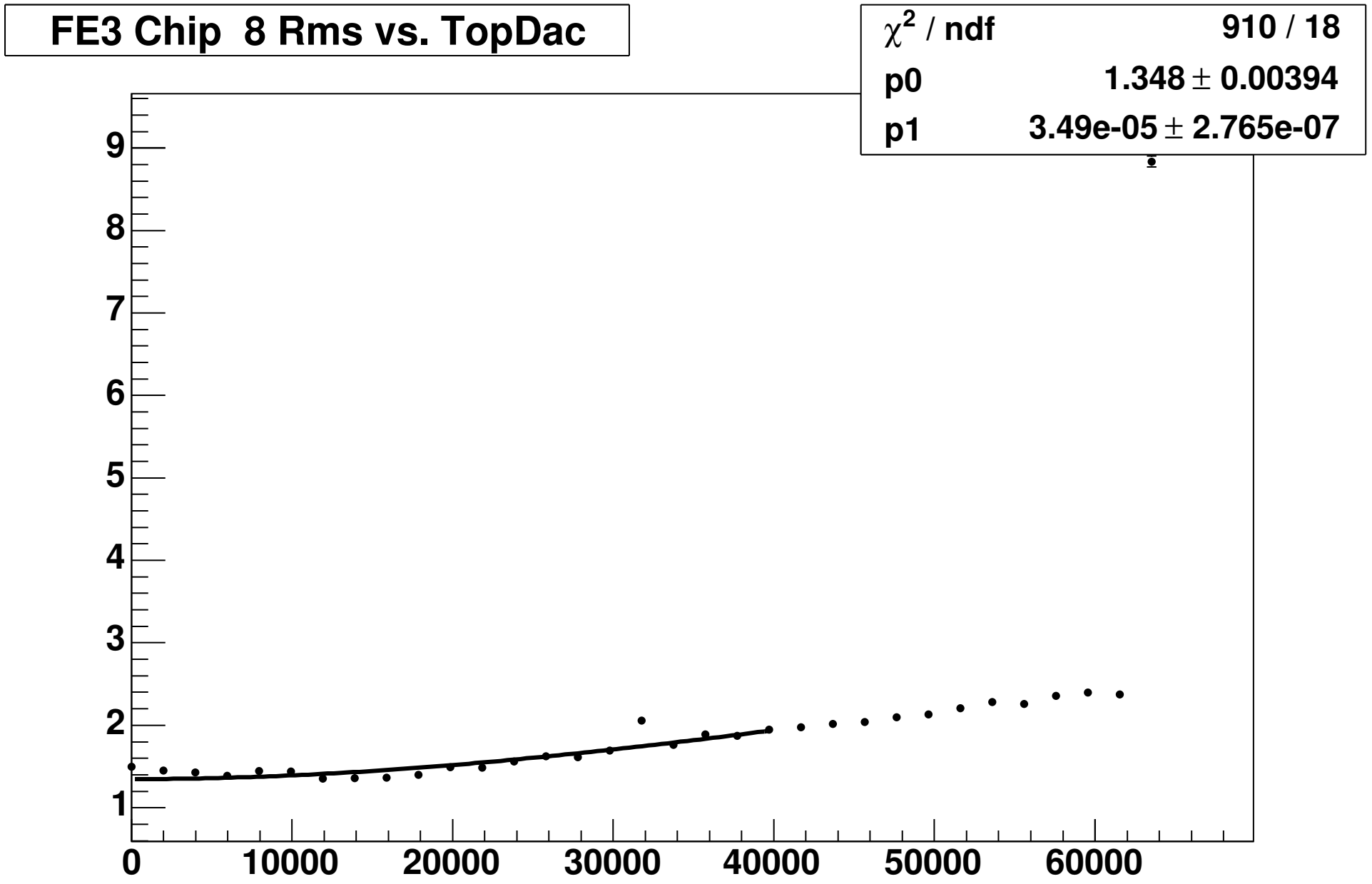
60000


FE3 Chip 8 Rms vs. TopDac
χ² / ndf 910 / 18
p0 1.348 ± 0.00394
p1 3.49e-05 ± 2.765e-07
9
8
7
6
5
4
3
2
1
0
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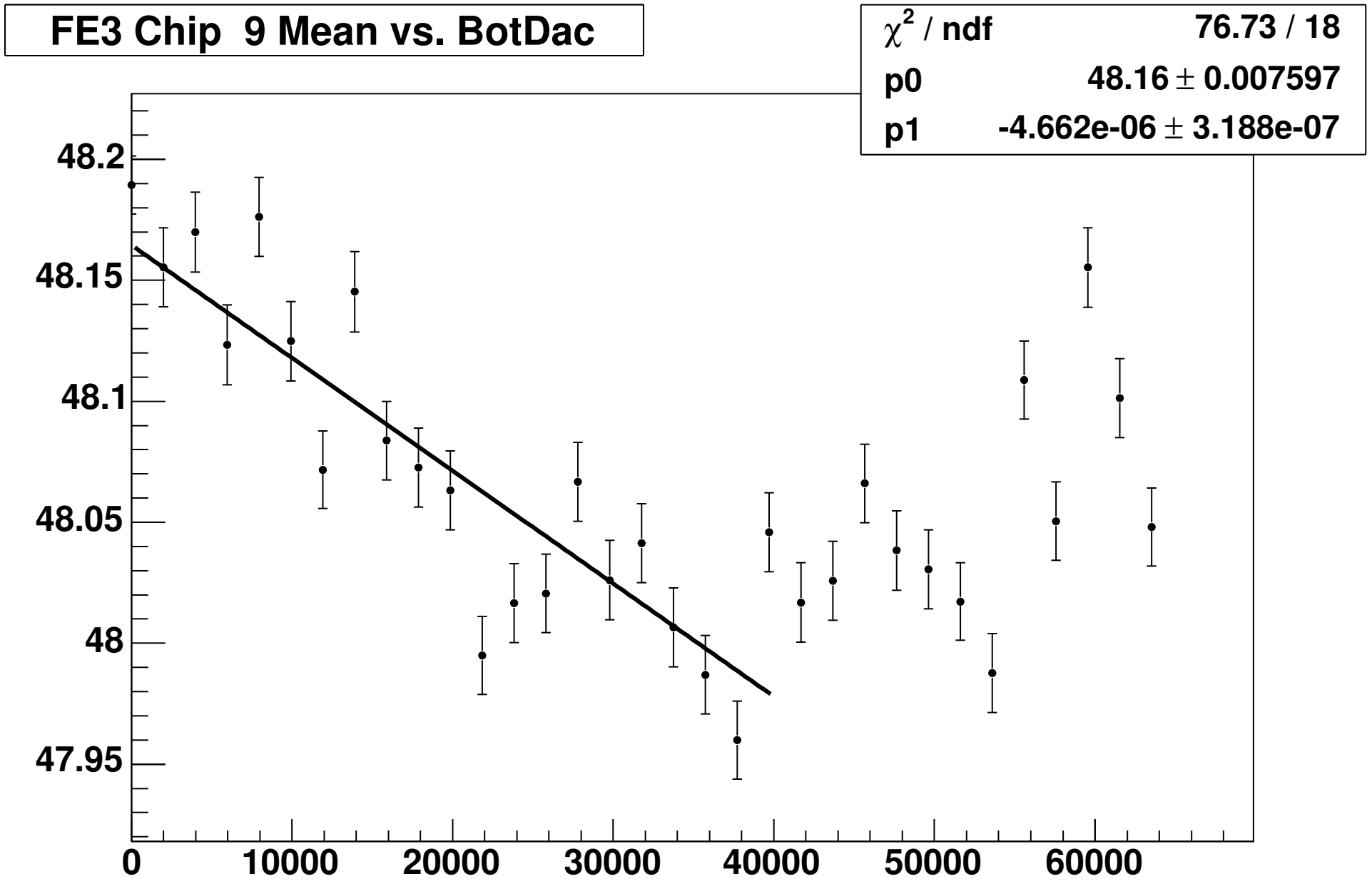
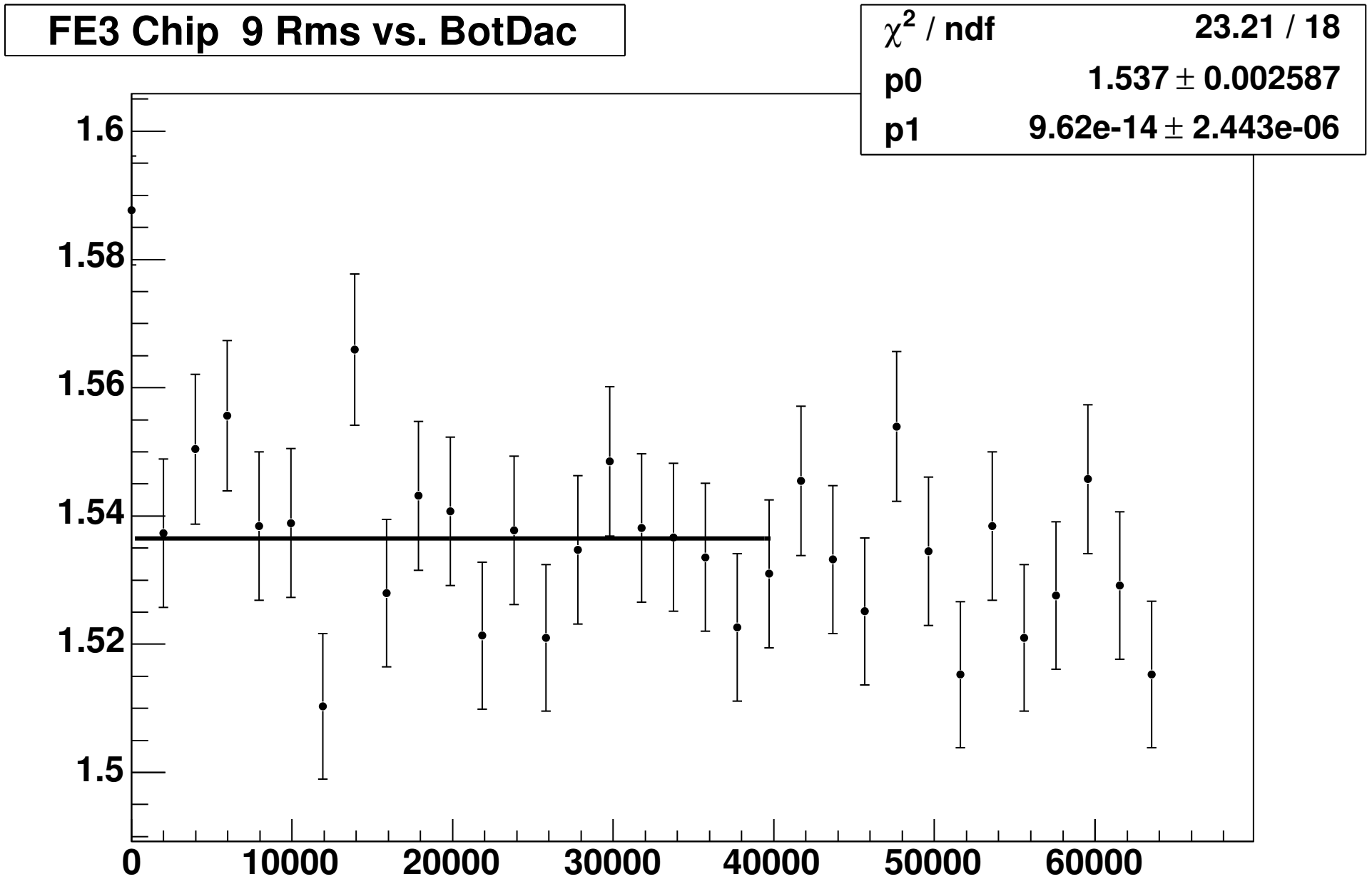

FE3 Chip 9 Mean vs. BotDac
χ² / ndf 76.73 / 18
p0 48.16 ± 0.007597
p1 -4.662e-06 ± 3.188e-07
48.2
48.15
48.1
48.05
48
47.95
0
10000
20000
30000
40000
50000
60000


FE3 Chip 9 Rms vs. BotDac
χ² / ndf 23.21 / 18
p0 1.537 ± 0.002587
p1 9.62e-14 ± 2.443e-06
1.6
1.58
1.56
1.54
1.52
1.5
0
10000
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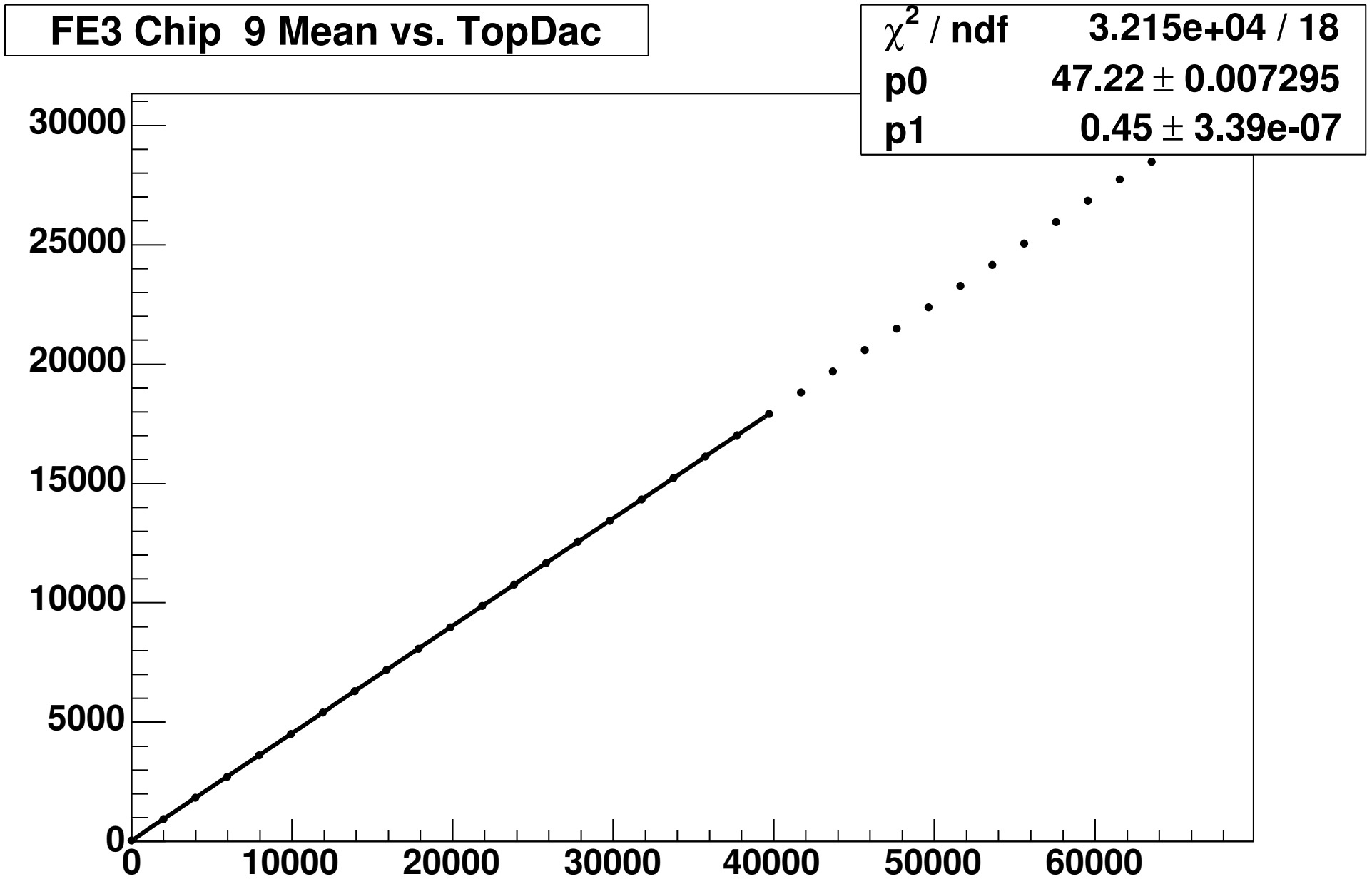
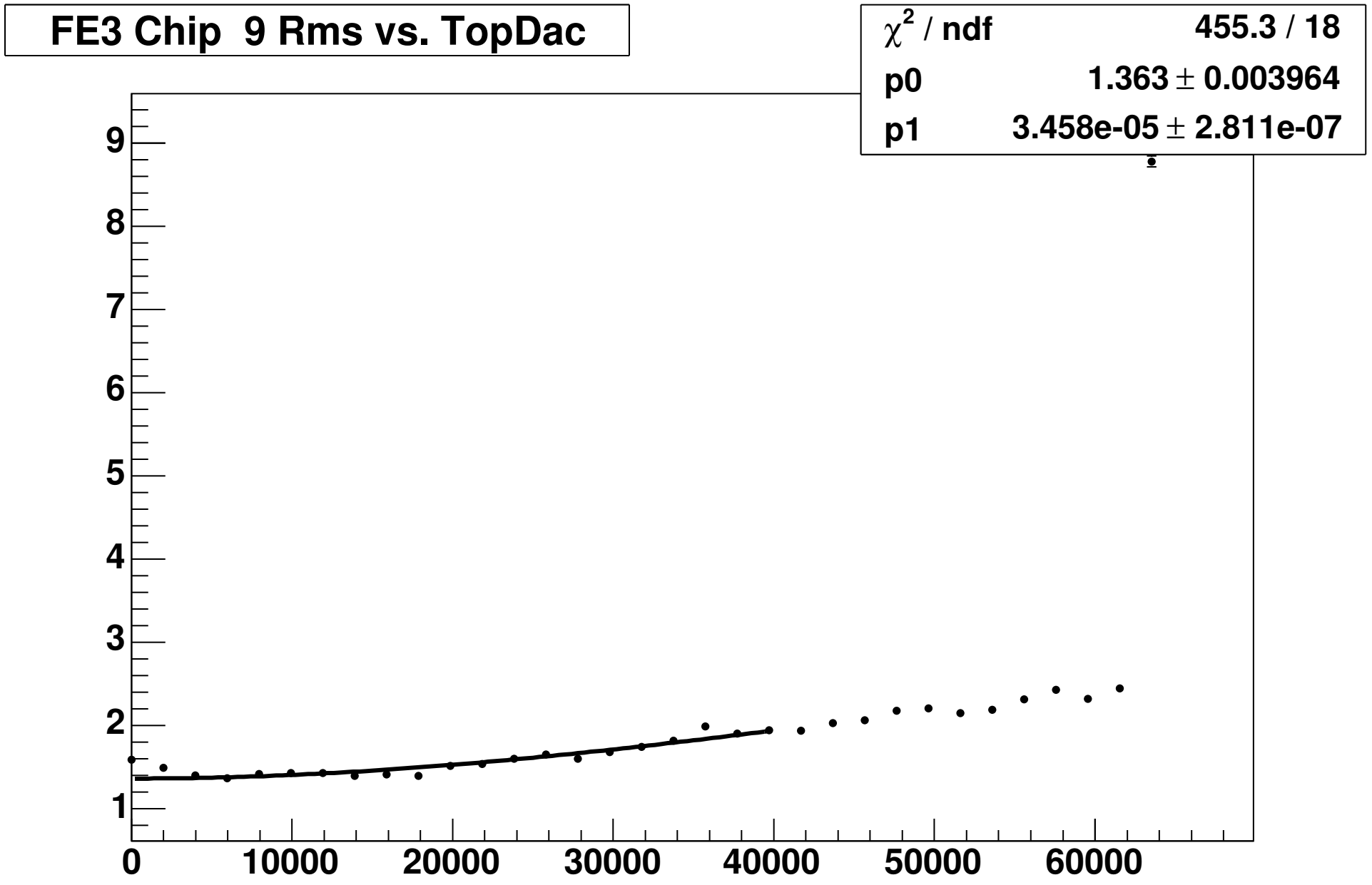
30000
40000
50000
60000


FE3 Chip 9 Mean vs. TopDac
χ² / ndf 3.215e+04 / 18
p0 47.22 ± 0.007295
p1 0.45 ± 3.39e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 9 Rms vs. TopDac
χ² / ndf 455.3 / 18
p0 1.363 ± 0.003964
p1 3.458e-05 ± 2.811e-07
9
8
7
6
5
4
3
2
1
0
10000
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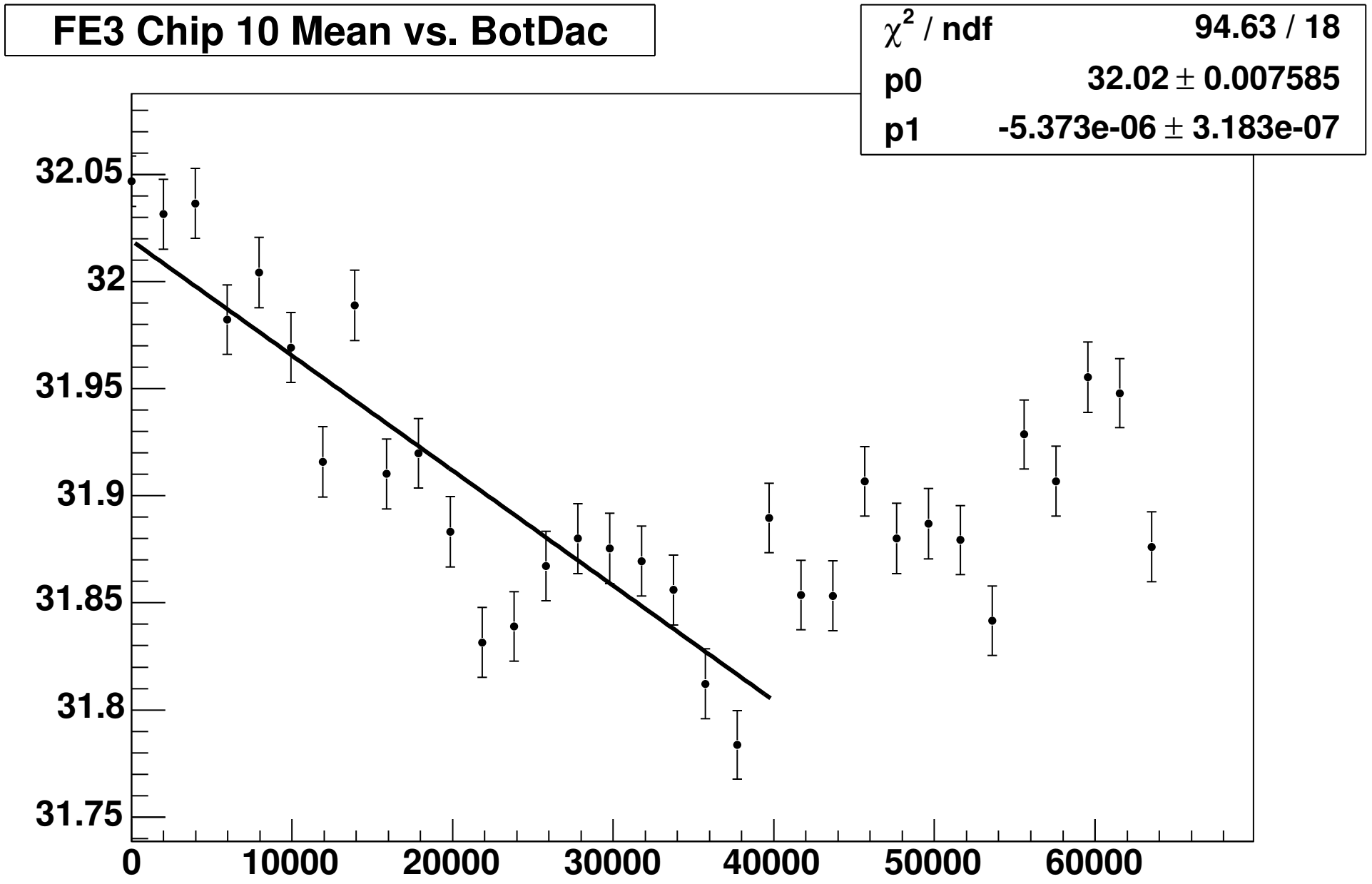
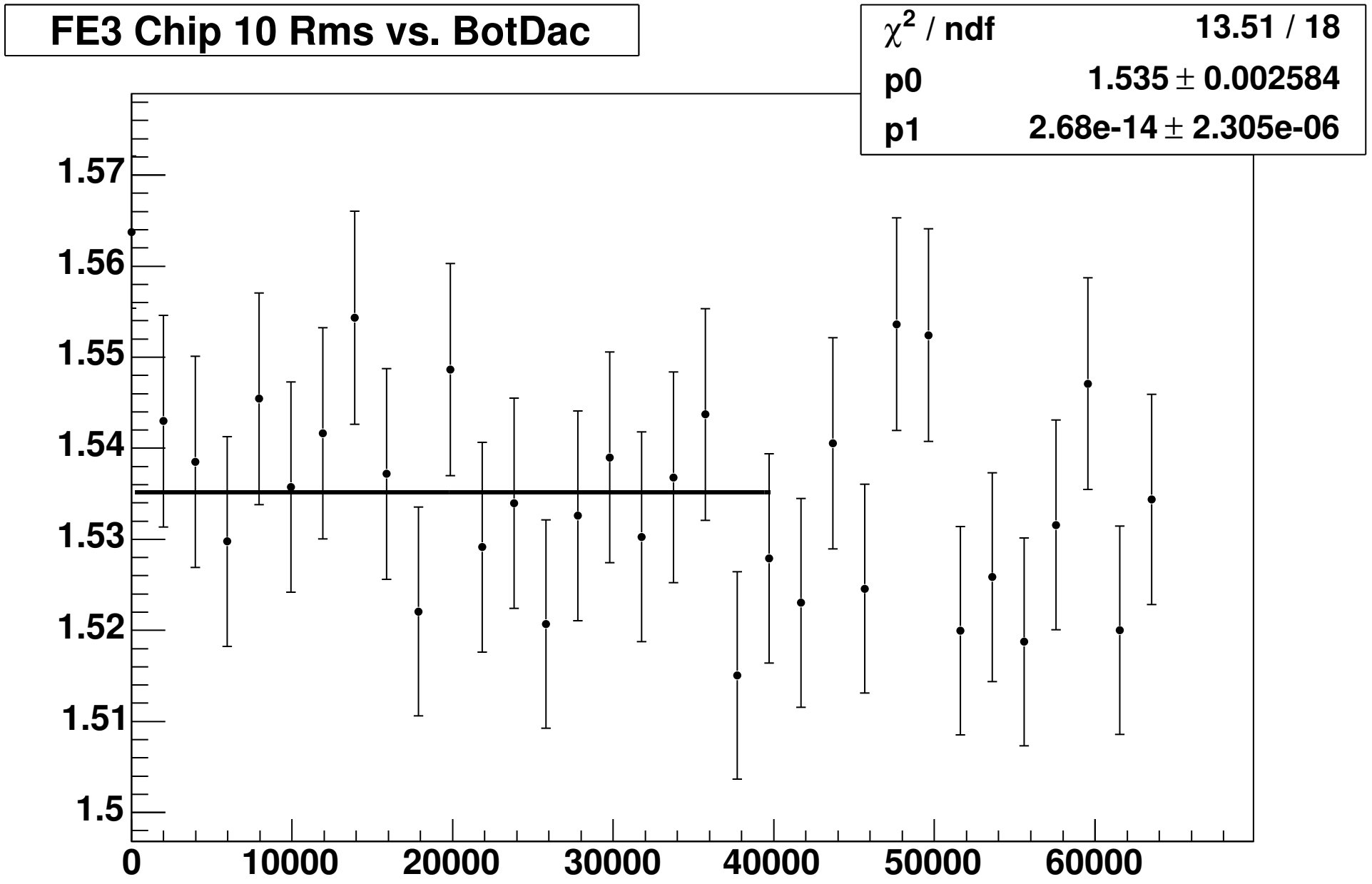
50000
60000


FE3 Chip 10 Mean vs. BotDac
χ² / ndf 94.63 / 18
p0 32.02 ± 0.007585
p1 -5.373e-06 ± 3.183e-07
32.05
32
31.95
31.9
31.85
31.8
31.75
0
10000
20000
30000
40000
50000
60000


FE3 Chip 10 Rms vs. BotDac
χ² / ndf 13.51 / 18
p0 1.535 ± 0.002584
p1 2.68e-14 ± 2.305e-06
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
0
10000
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50000
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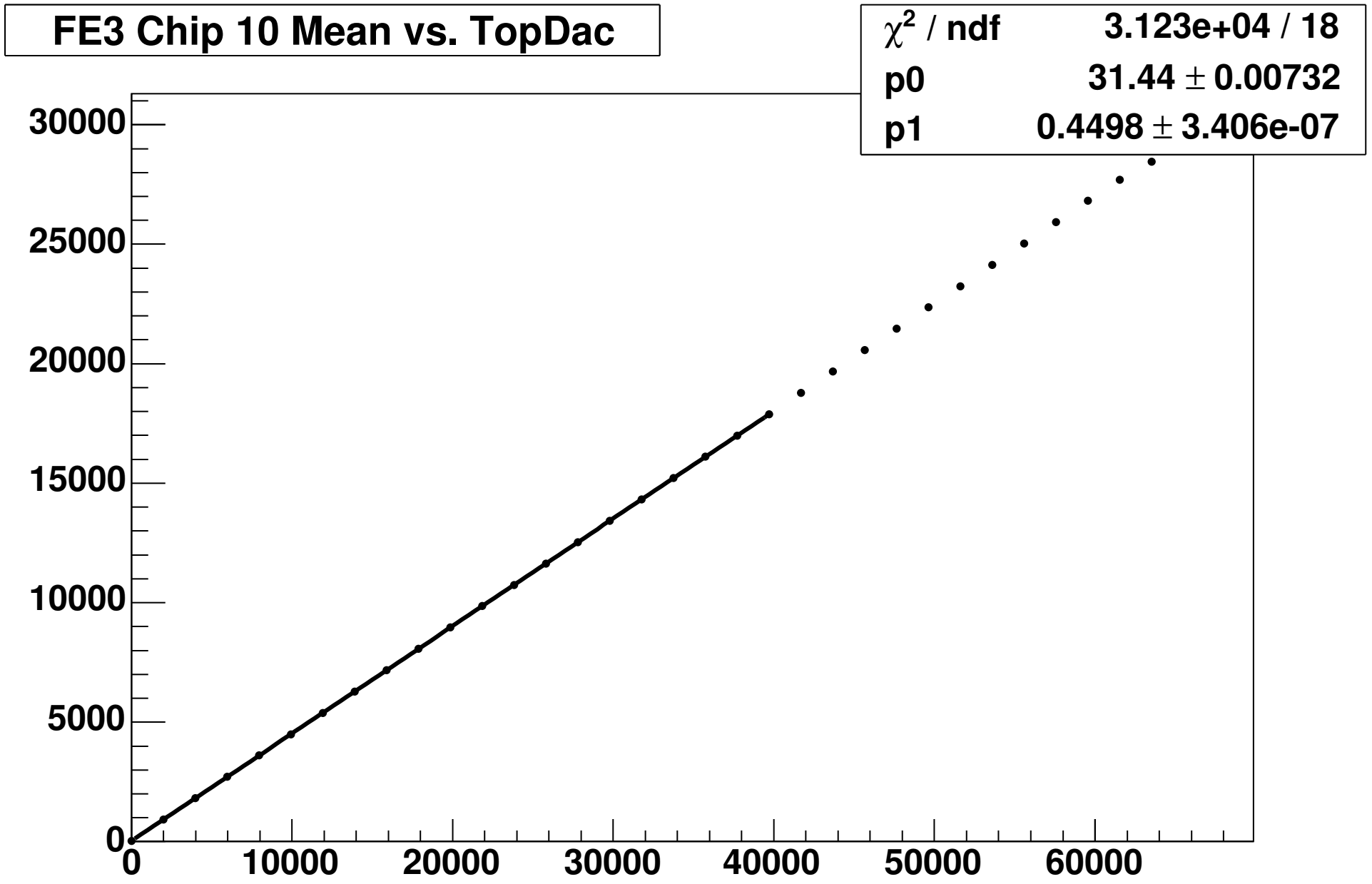
FE3 Chip 10 Mean vs. TopDac
χ² / ndf 3.123e+04 / 18
p0 31.44 ± 0.00732
p1 0.4498 ± 3.406e-07
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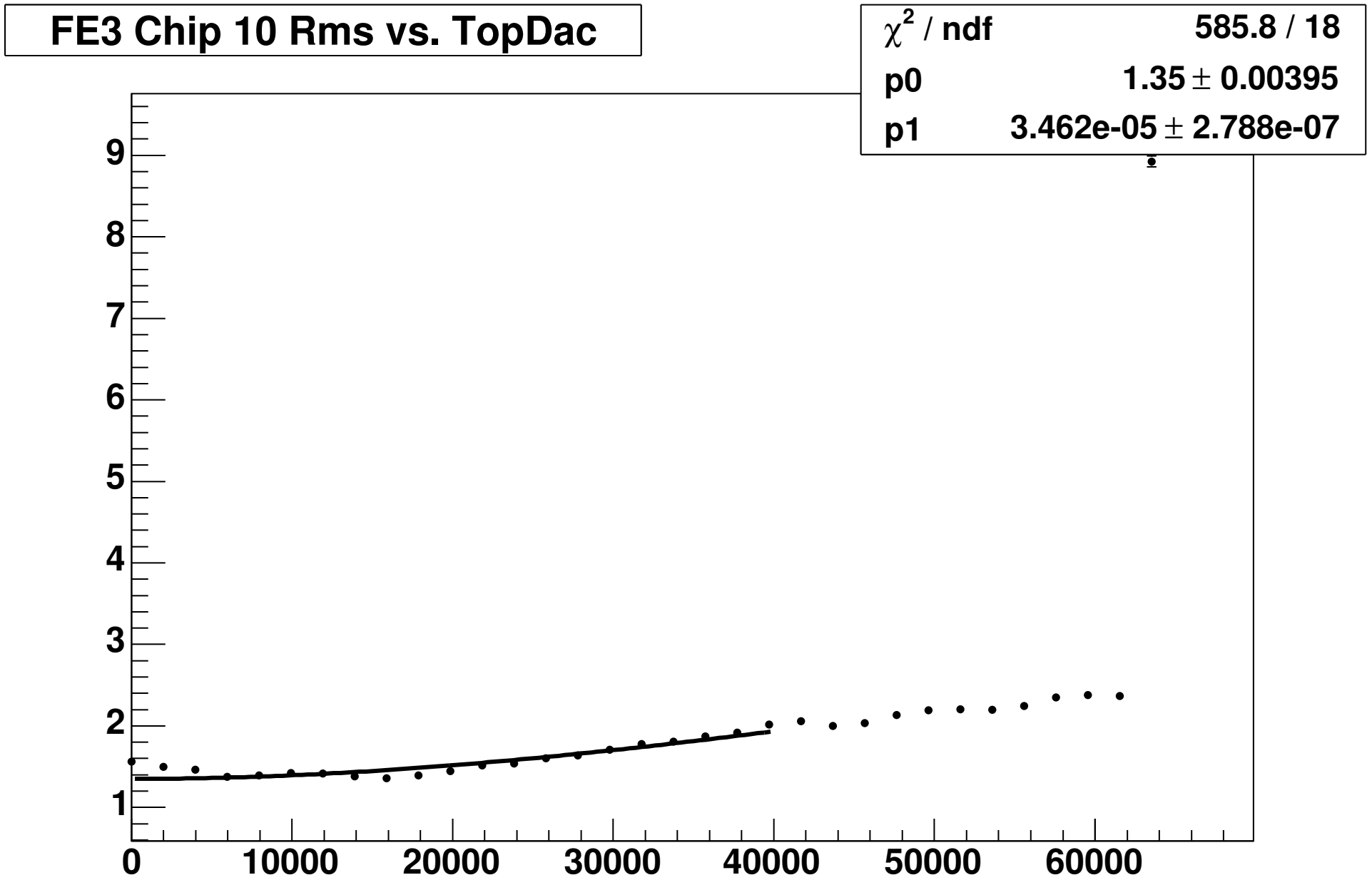
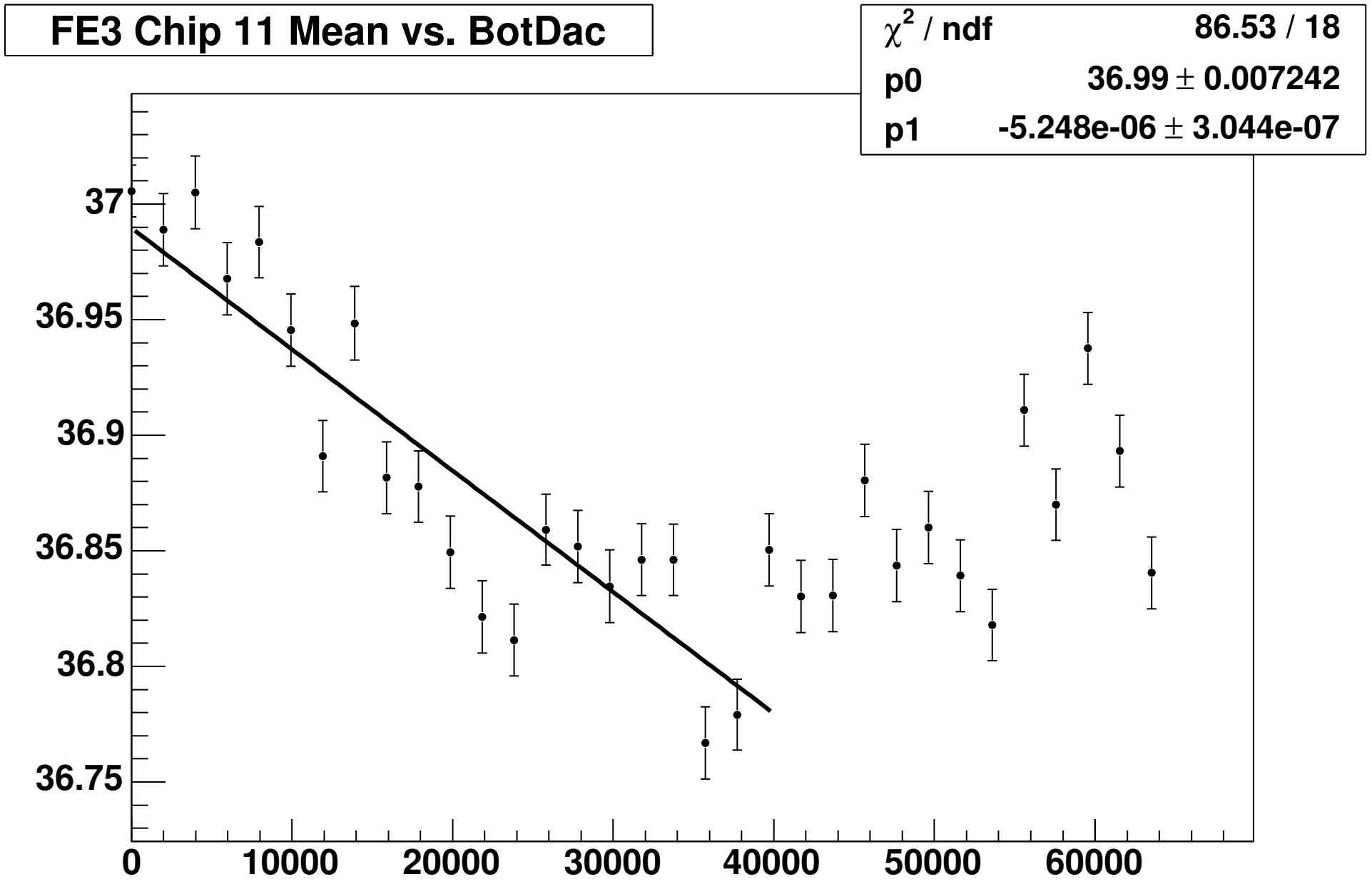
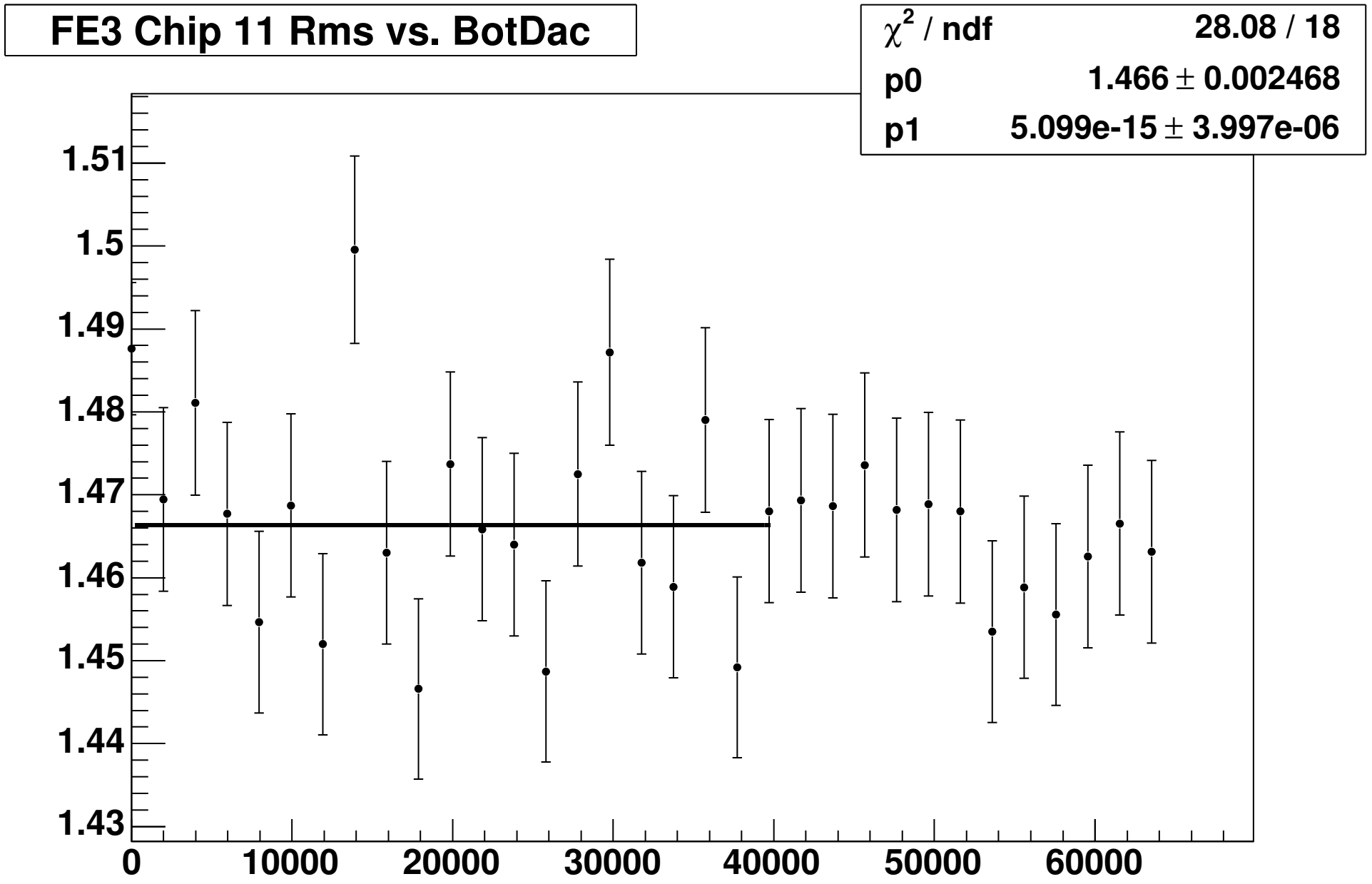
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 10 Rms vs. TopDac
χ² / ndf 585.8 / 18
p0 1.35 ± 0.00395
p1 3.462e-05 ± 2.788e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE3 Chip 11 Mean vs. BotDac
χ² / ndf 86.53 / 18
p0 36.99 ± 0.007242
p1 -5.248e-06 ± 3.044e-07
37
36.95
36.9
36.85
36.8
36.75
0
10000
20000
30000
40000
50000
60000


FE3 Chip 11 Rms vs. BotDac
χ² / ndf 28.08 / 18
p0 1.466 ± 0.002468
p1 5.099e-15 ± 3.997e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
10000
20000
30000
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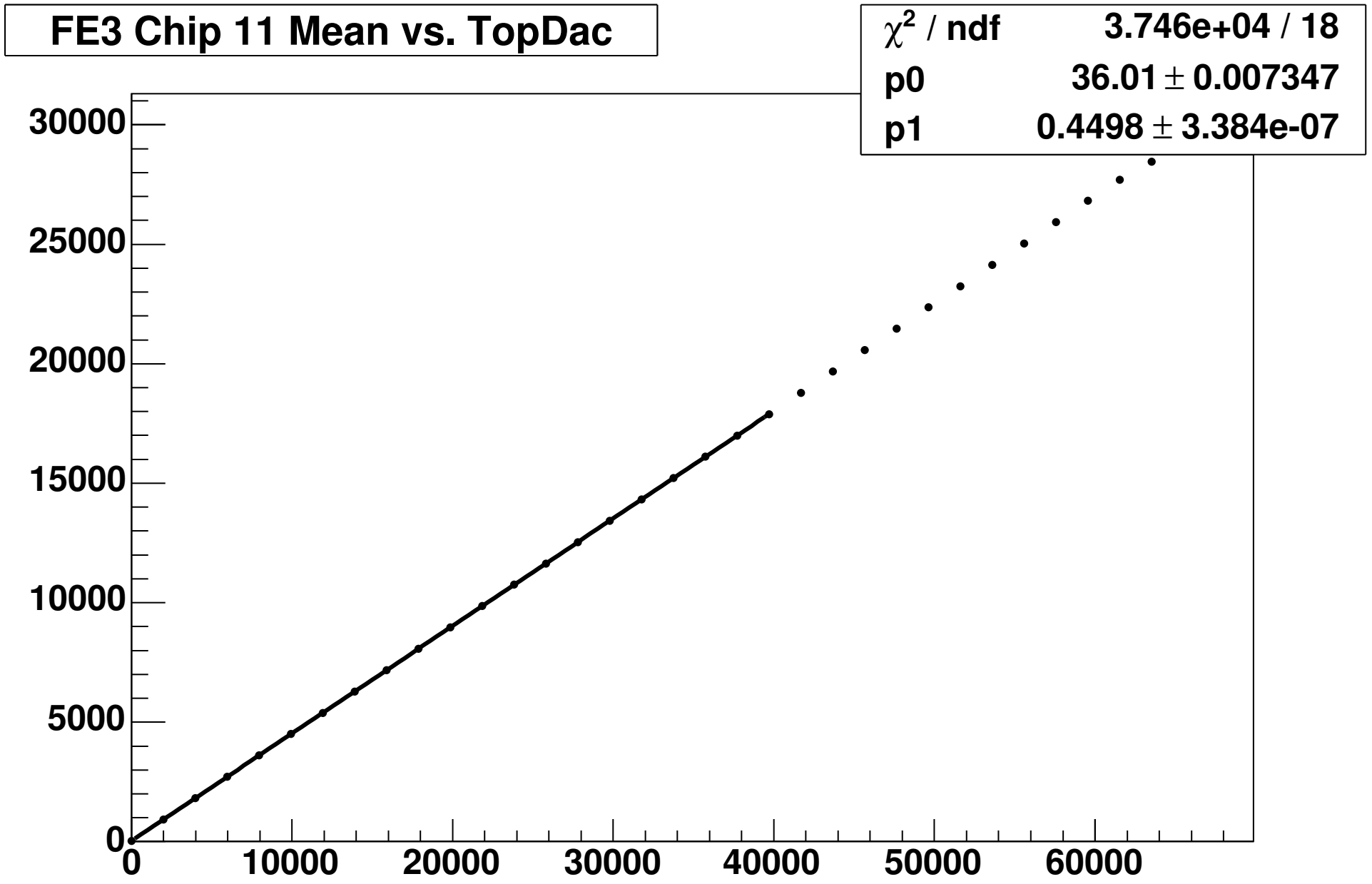
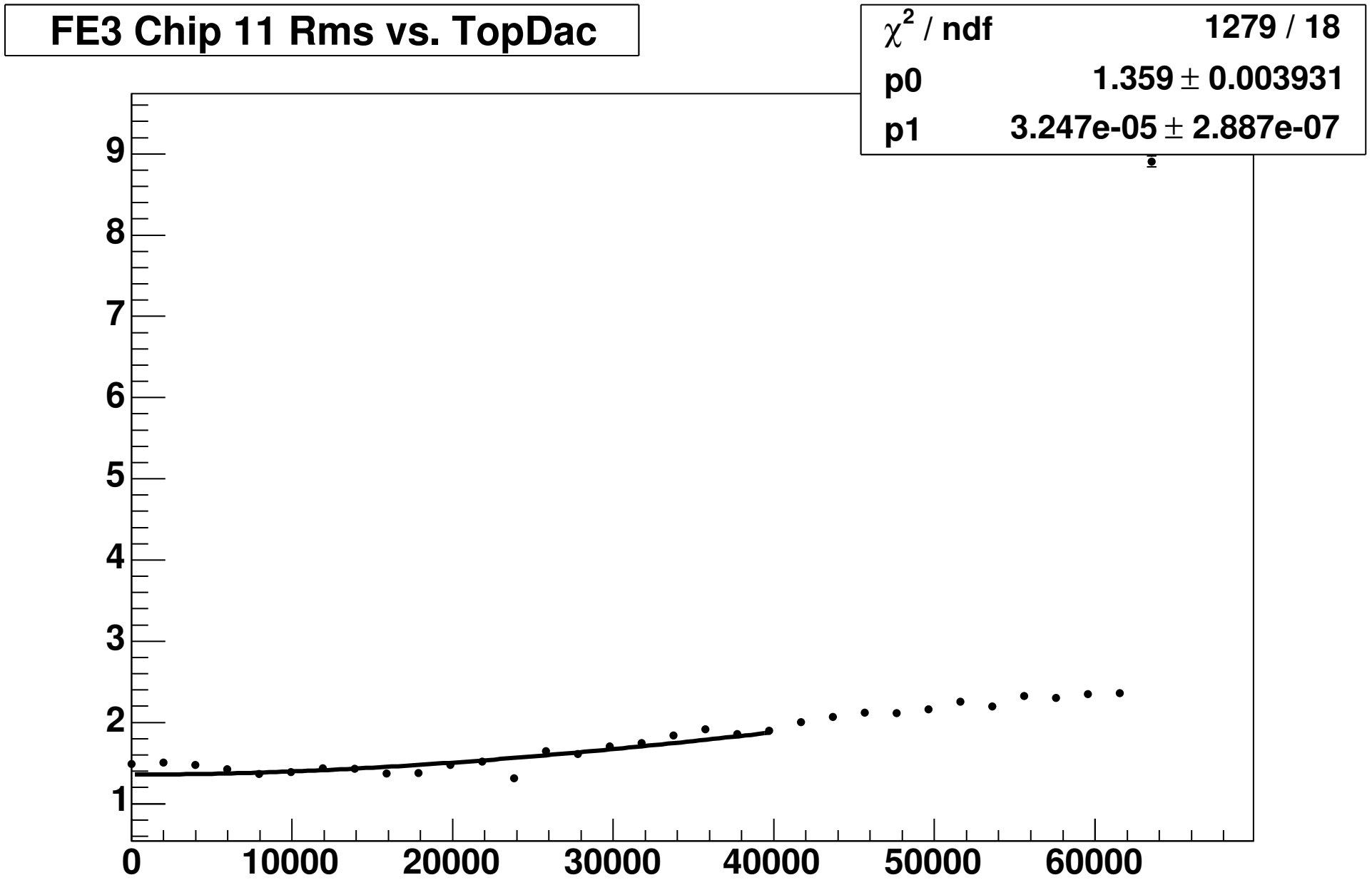
60000


FE3 Chip 11 Mean vs. TopDac
χ² / ndf 3.746e+04 / 18
p0 36.01 ± 0.007347
p1 0.4498 ± 3.384e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 11 Rms vs. TopDac
χ² / ndf 1279 / 18
p0 1.359 ± 0.003931
p1 3.247e-05 ± 2.887e-07
9
8
7
6
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4
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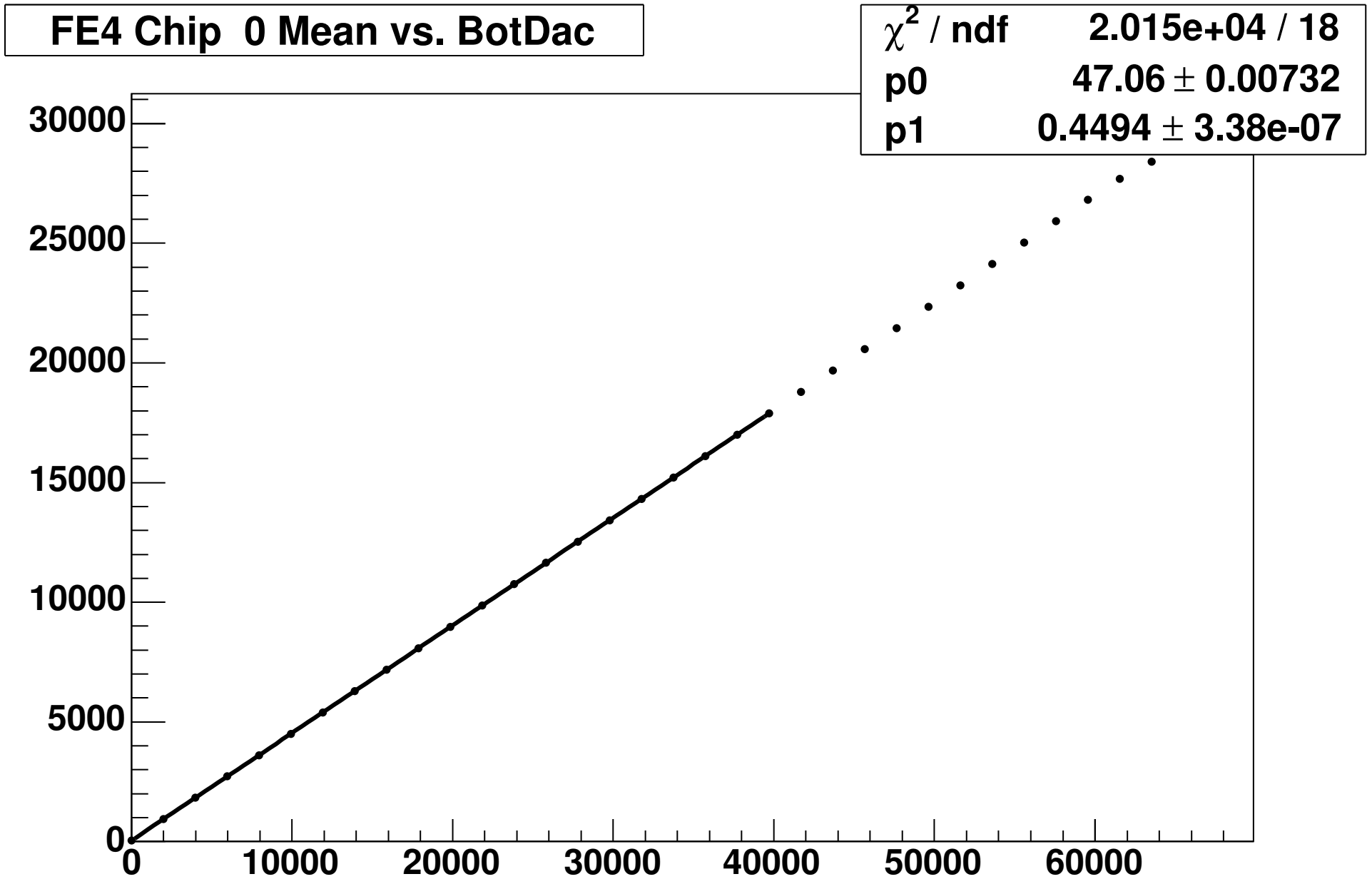
FE4 Chip 0 Mean vs. BotDac
χ² / ndf 2.015e+04 / 18
p0 47.06 ± 0.00732
p1 0.4494 ± 3.38e-07
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15000
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0
0
10000
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40000
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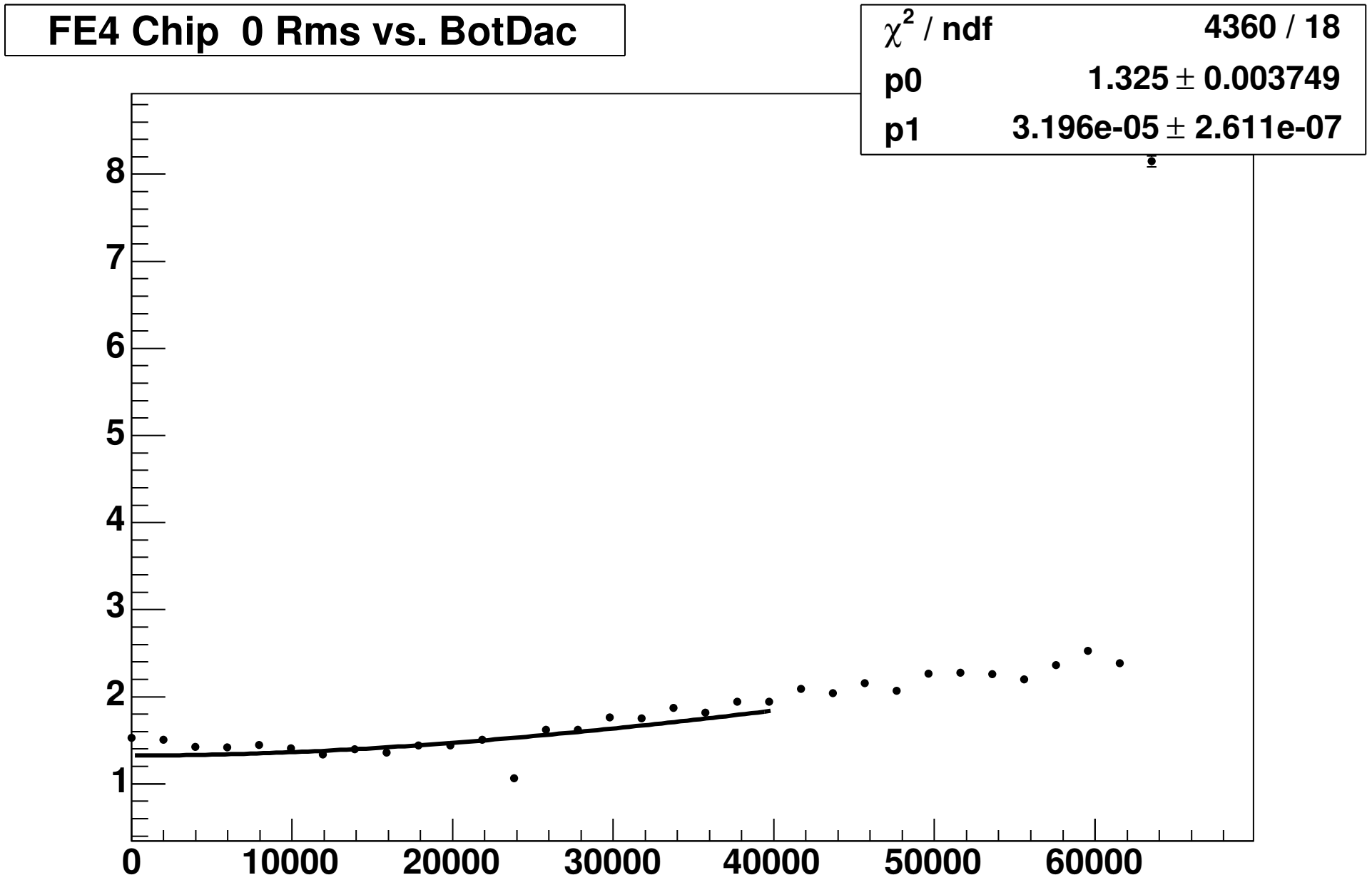
FE4 Chip 0 Rms vs. BotDac
χ² / ndf 4360 / 18
p0 1.325 ± 0.003749
p1 3.196e-05 ± 2.611e-07
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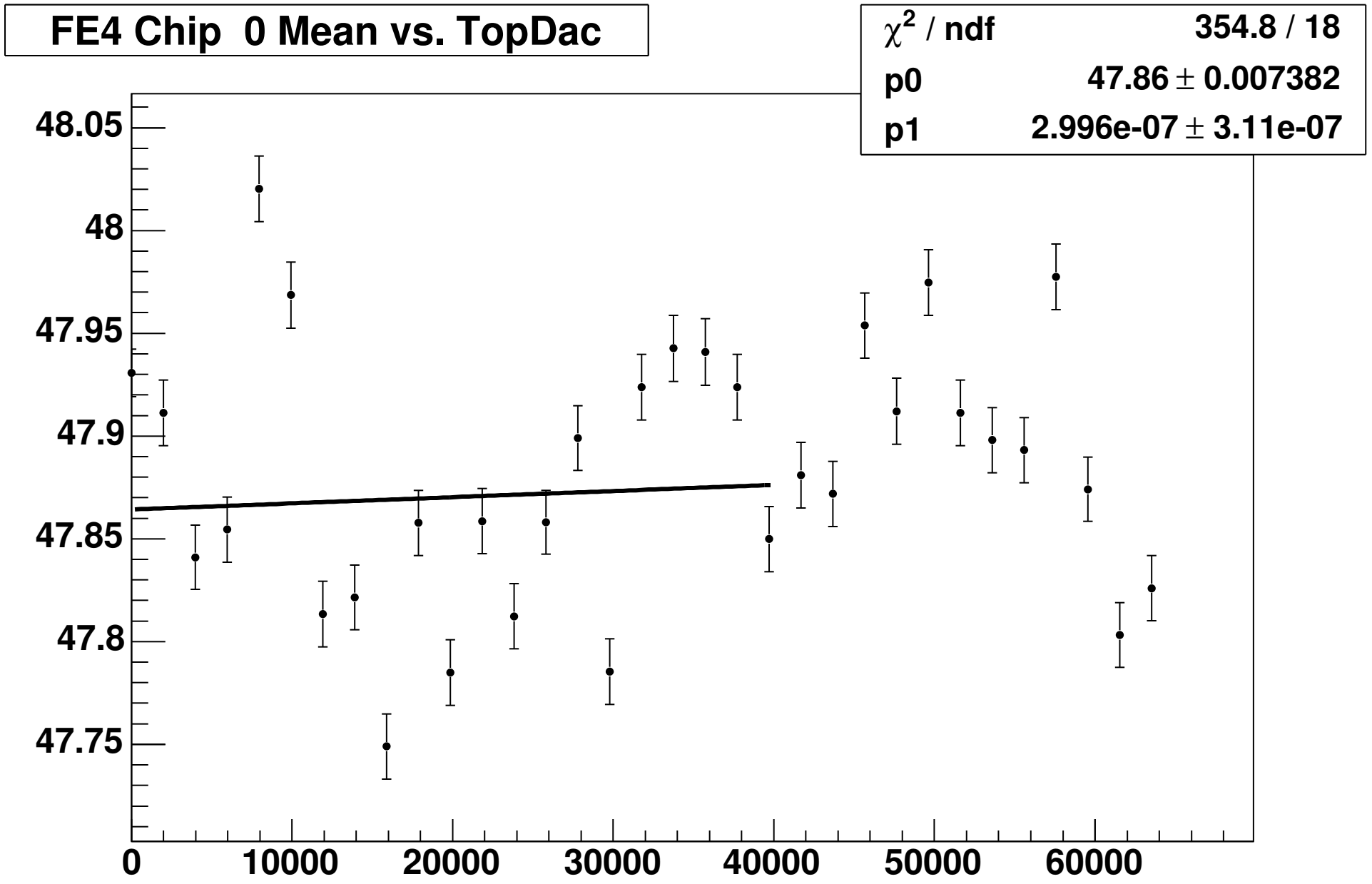
FE4 Chip 0 Mean vs. TopDac
χ² / ndf 354.8 / 18
p0 47.86 ± 0.007382
p1 2.996e-07 ± 3.11e-07
48.05
48
47.95
47.9
47.85
47.8
47.75
0
10000
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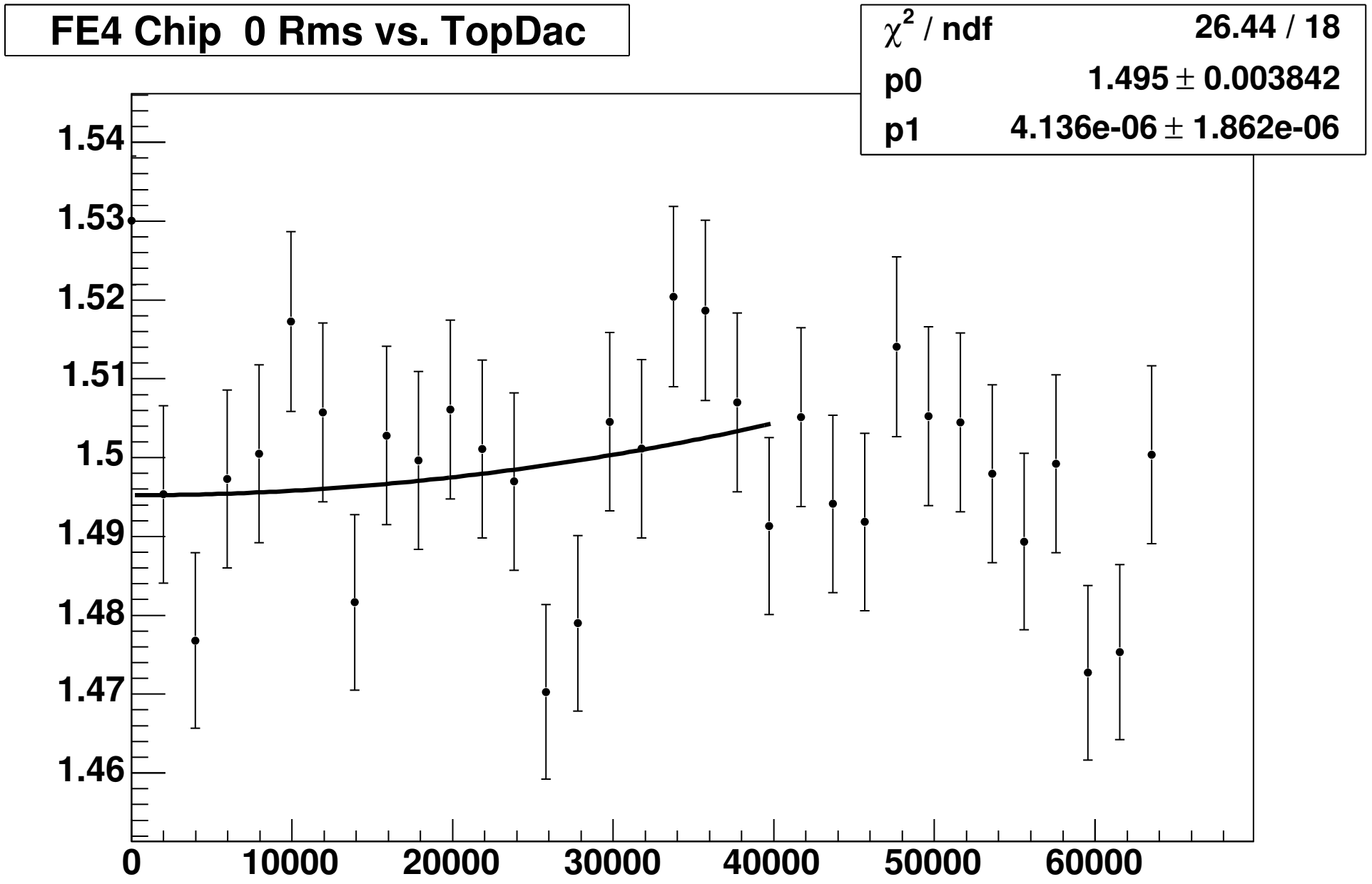
60000


FE4 Chip 0 Rms vs. TopDac
χ² / ndf 26.44 / 18
p0 1.495 ± 0.003842
p1 4.136e-06 ± 1.862e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
0
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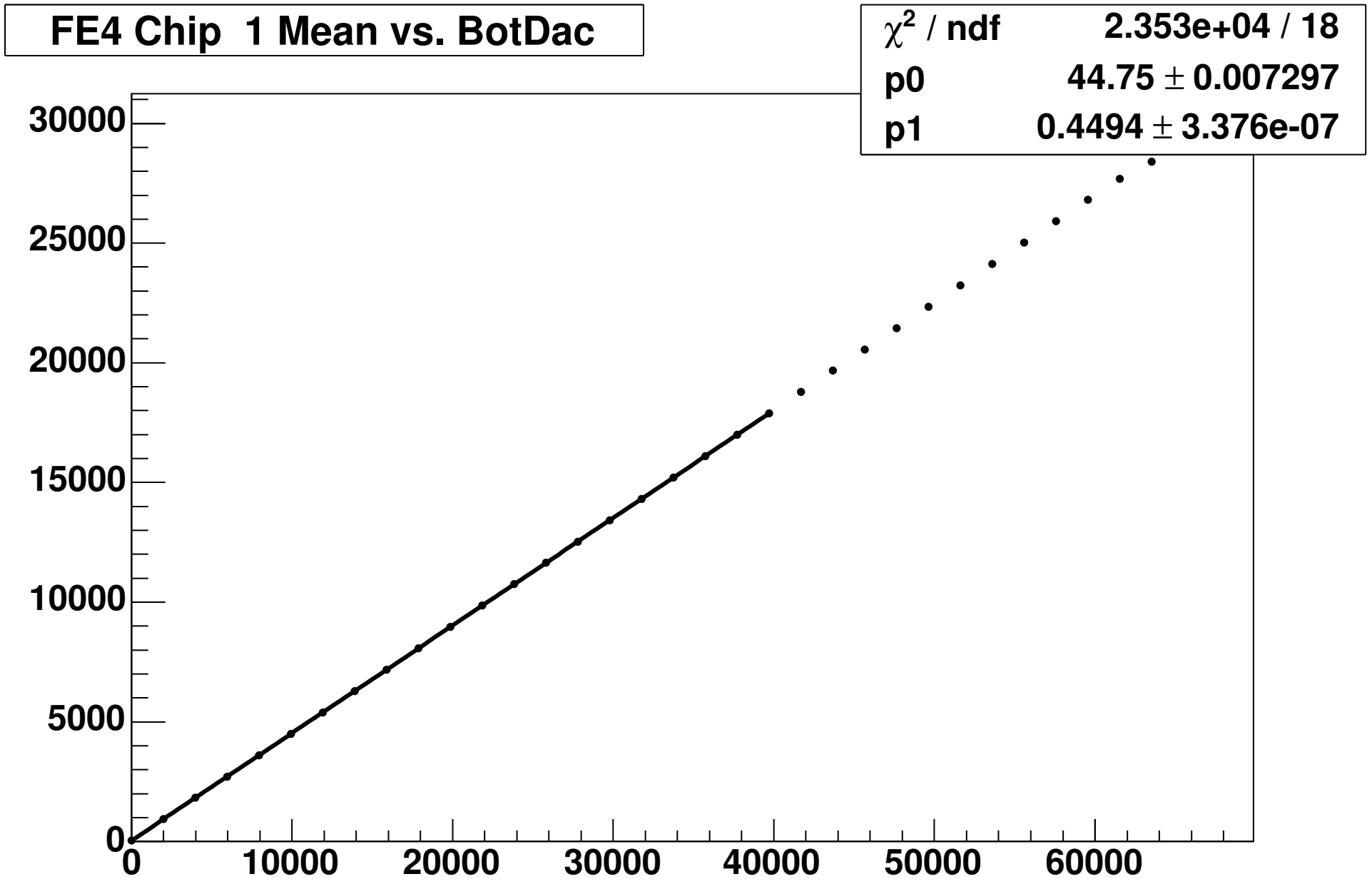
FE4 Chip 1 Mean vs. BotDac
χ² / ndf 2.353e+04 / 18
p0 44.75 ± 0.007297
p1 0.4494 ± 3.376e-07
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15000
10000
5000
0
0
10000
20000
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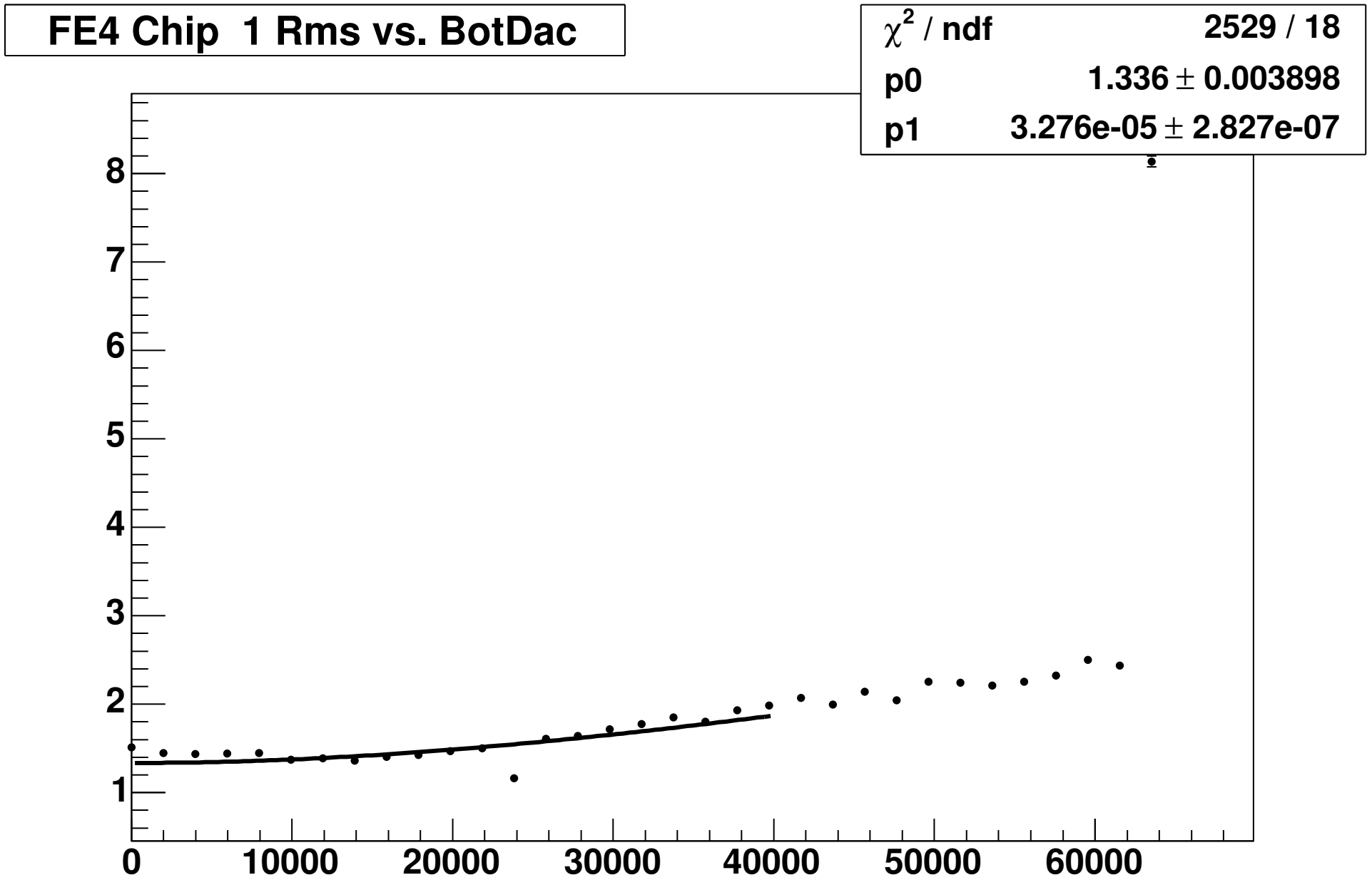
40000
50000
60000


FE4 Chip 1 Rms vs. BotDac
χ² / ndf 2529 / 18
p0 1.336 ± 0.003898
p1 3.276e-05 ± 2.827e-07
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10000
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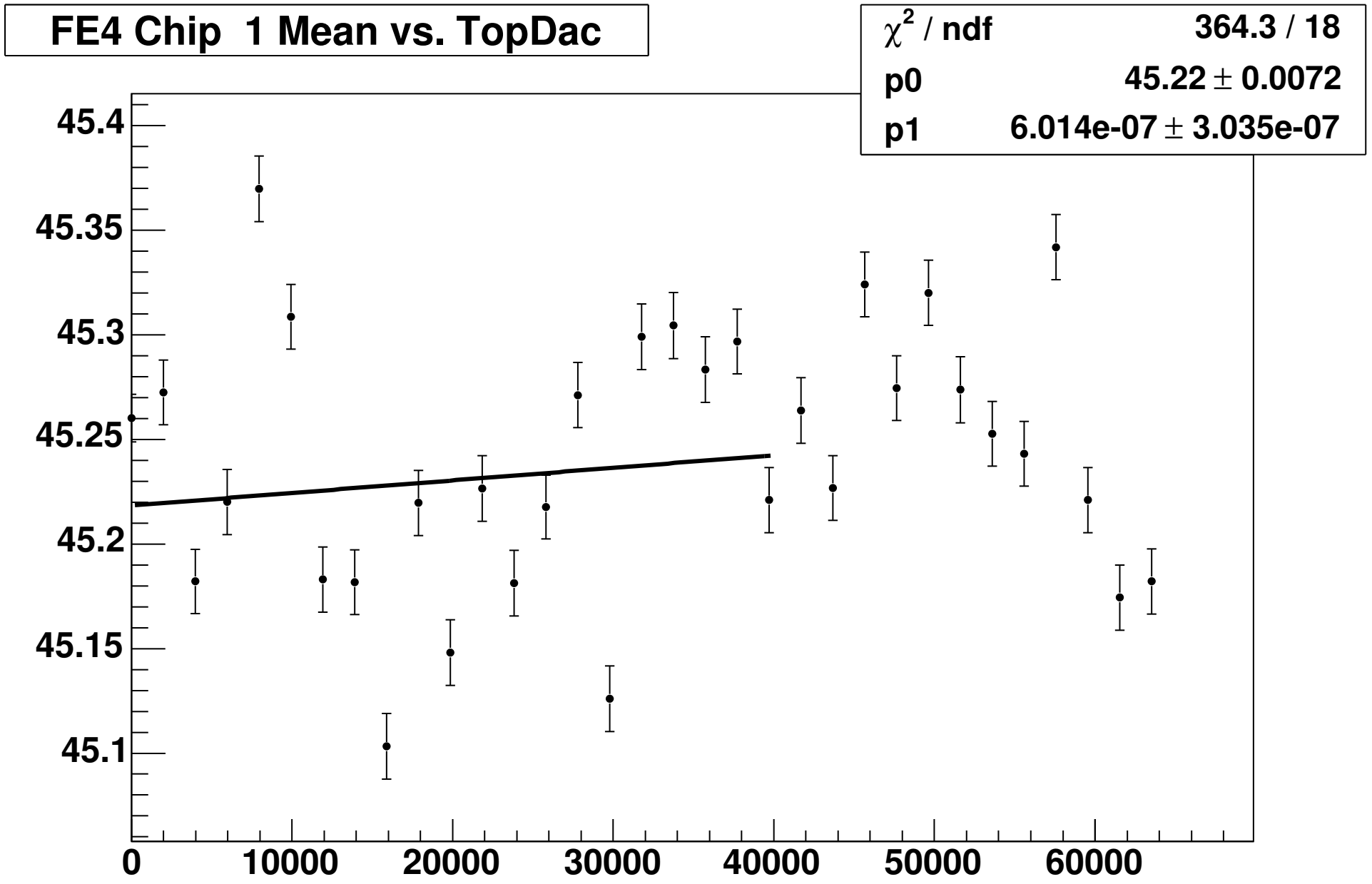
FE4 Chip 1 Mean vs. TopDac
χ² / ndf 364.3 / 18
p0 45.22 ± 0.0072
p1 6.014e-07 ± 3.035e-07
45.4
45.35
45.3
45.25
45.2
45.15
45.1
0
10000
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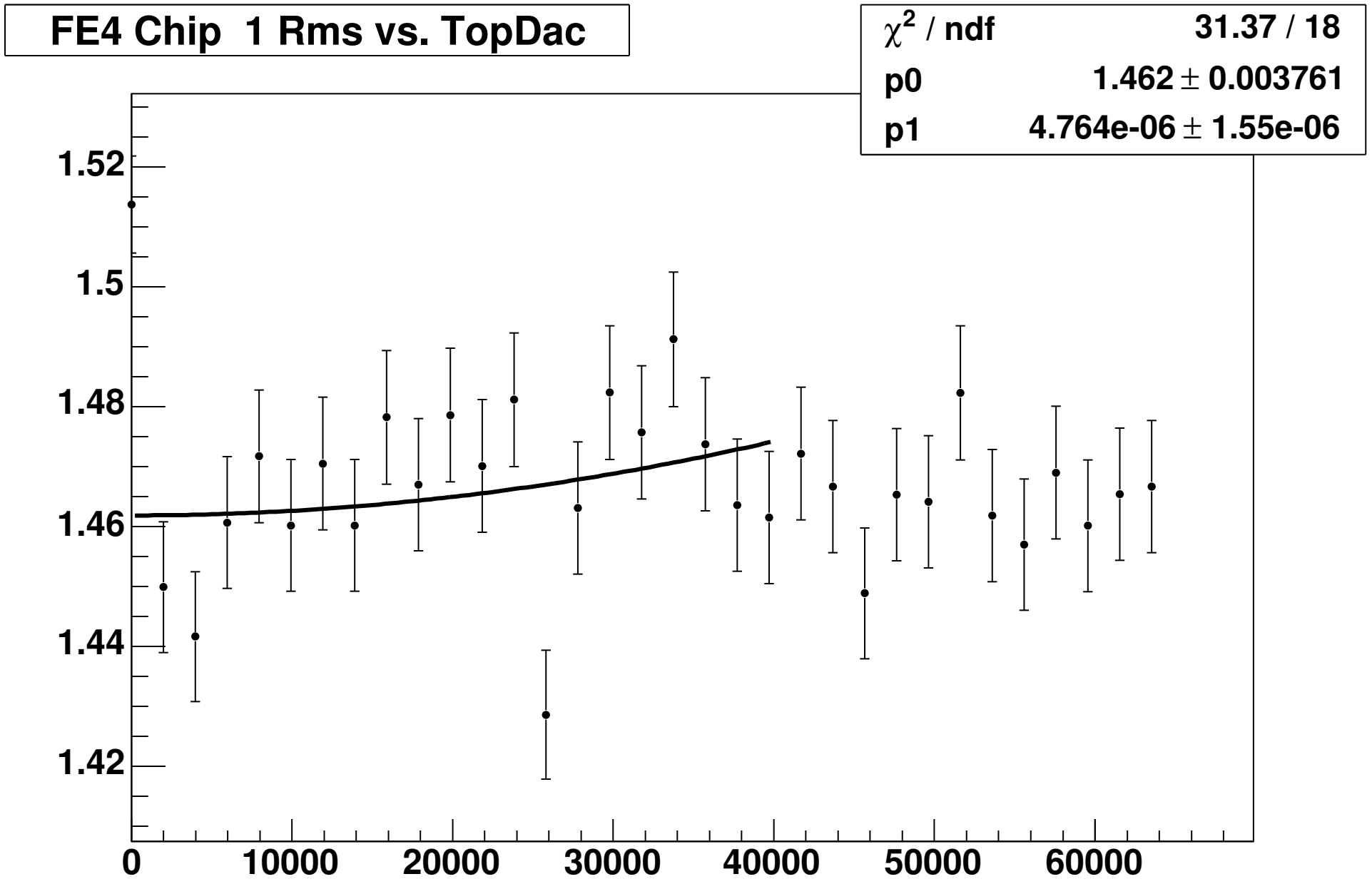
40000
50000
60000


FE4 Chip 1 Rms vs. TopDac
χ² / ndf 31.37 / 18
p0 1.462 ± 0.003761
p1 4.764e-06 ± 1.55e-06
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
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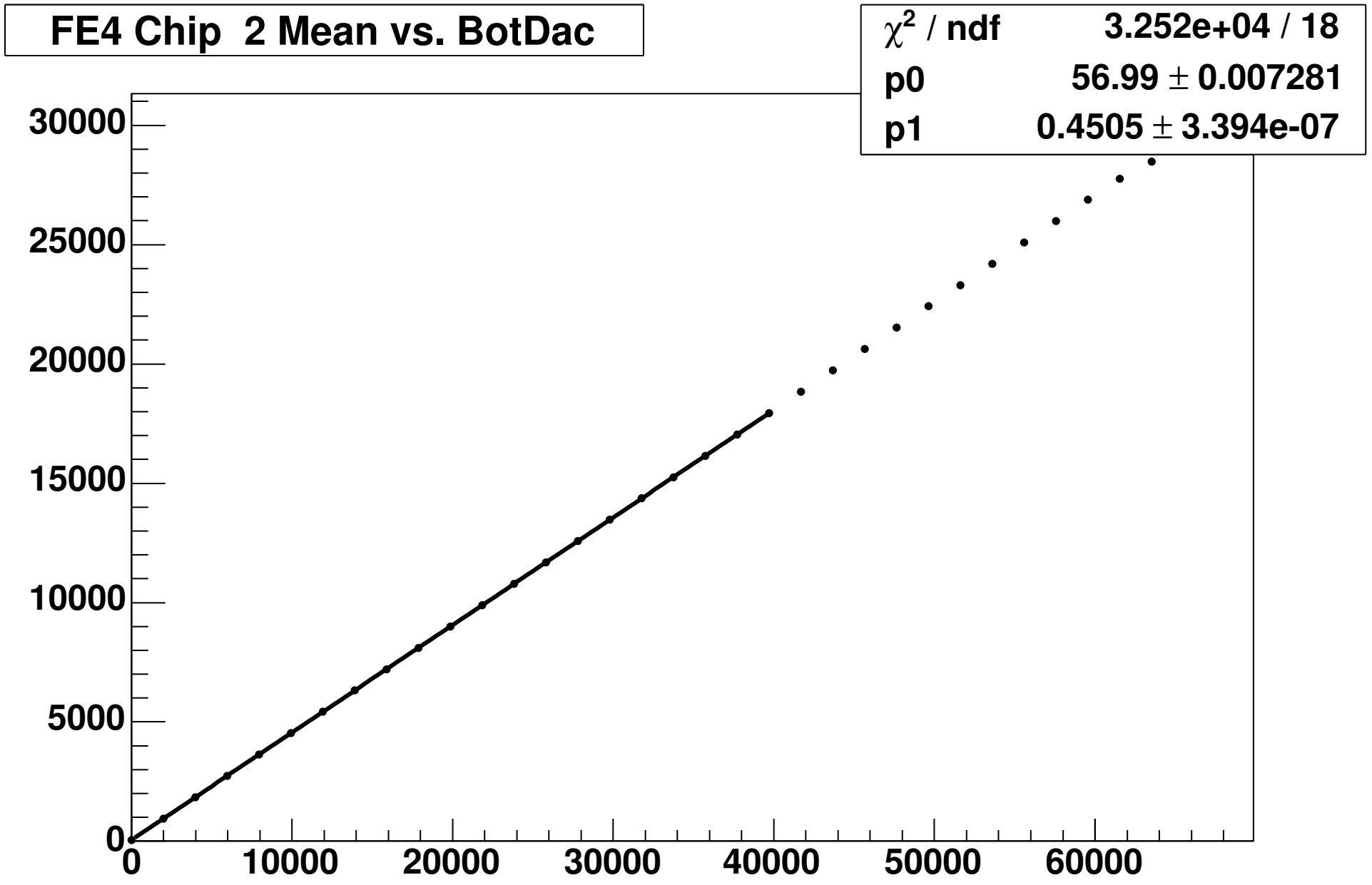
50000
60000


FE4 Chip 2 Mean vs. BotDac
χ² / ndf 3.252e+04 / 18
p0 56.99 ± 0.007281
p1 0.4505 ± 3.394e-07
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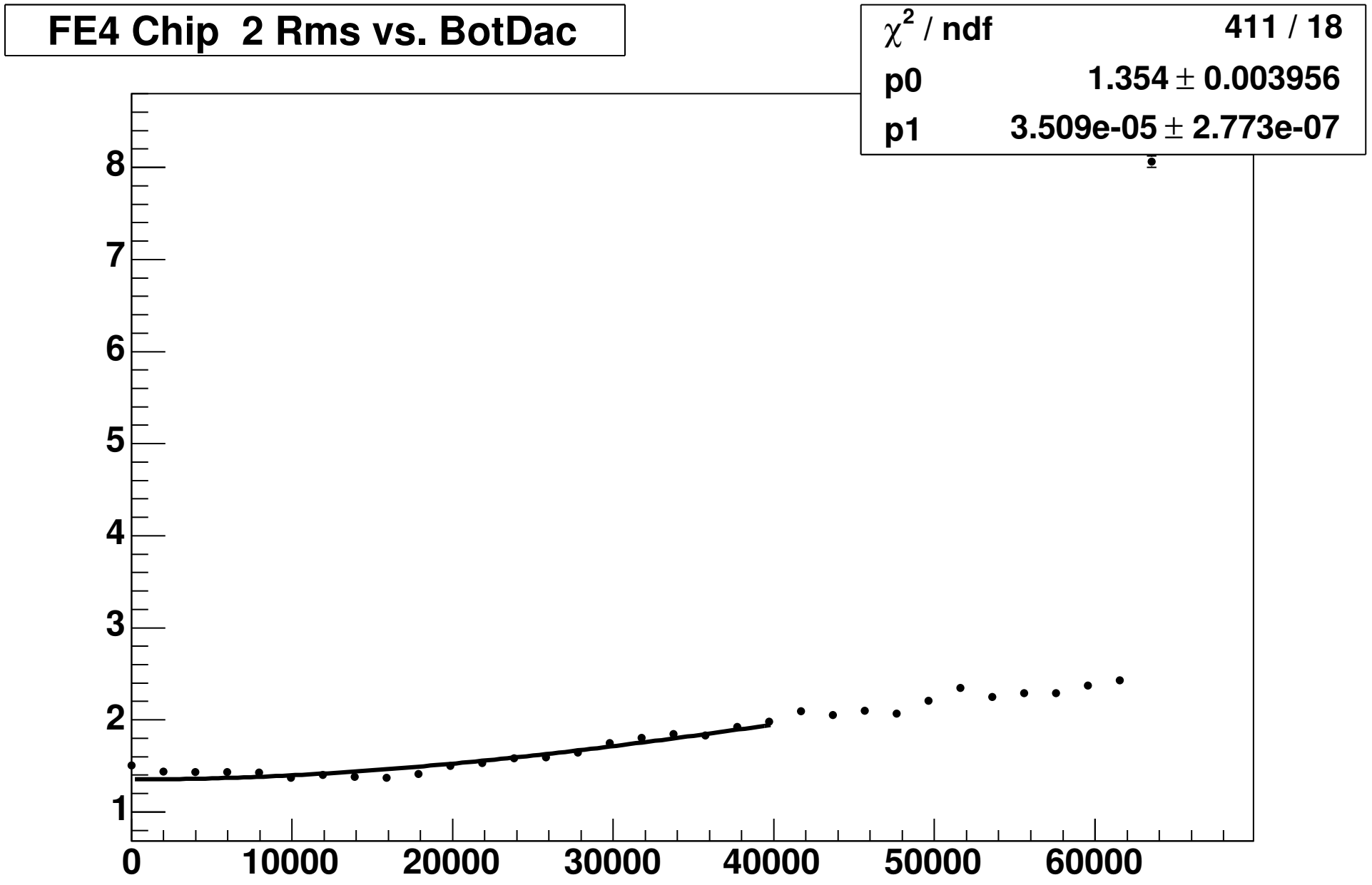
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 2 Rms vs. BotDac
χ² / ndf 411 / 18
p0 1.354 ± 0.003956
p1 3.509e-05 ± 2.773e-07
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7
6
5
4
3
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1
0
10000
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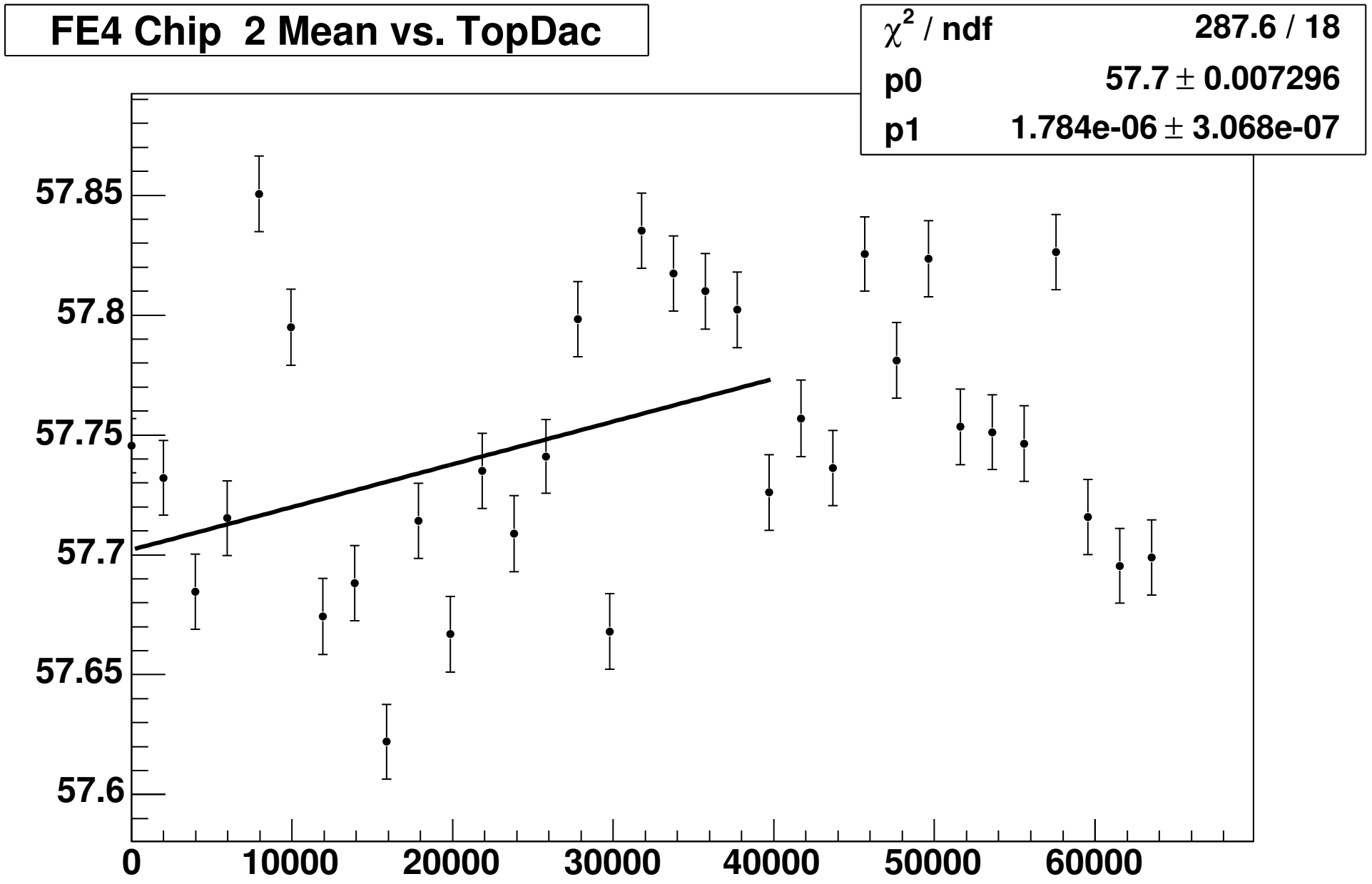
FE4 Chip 2 Mean vs. TopDac
χ² / ndf 287.6 / 18
p0 57.7 ± 0.007296
p1 1.784e-06 ± 3.068e-07
57.85
57.8
57.75
57.7
57.65
57.6
0
10000
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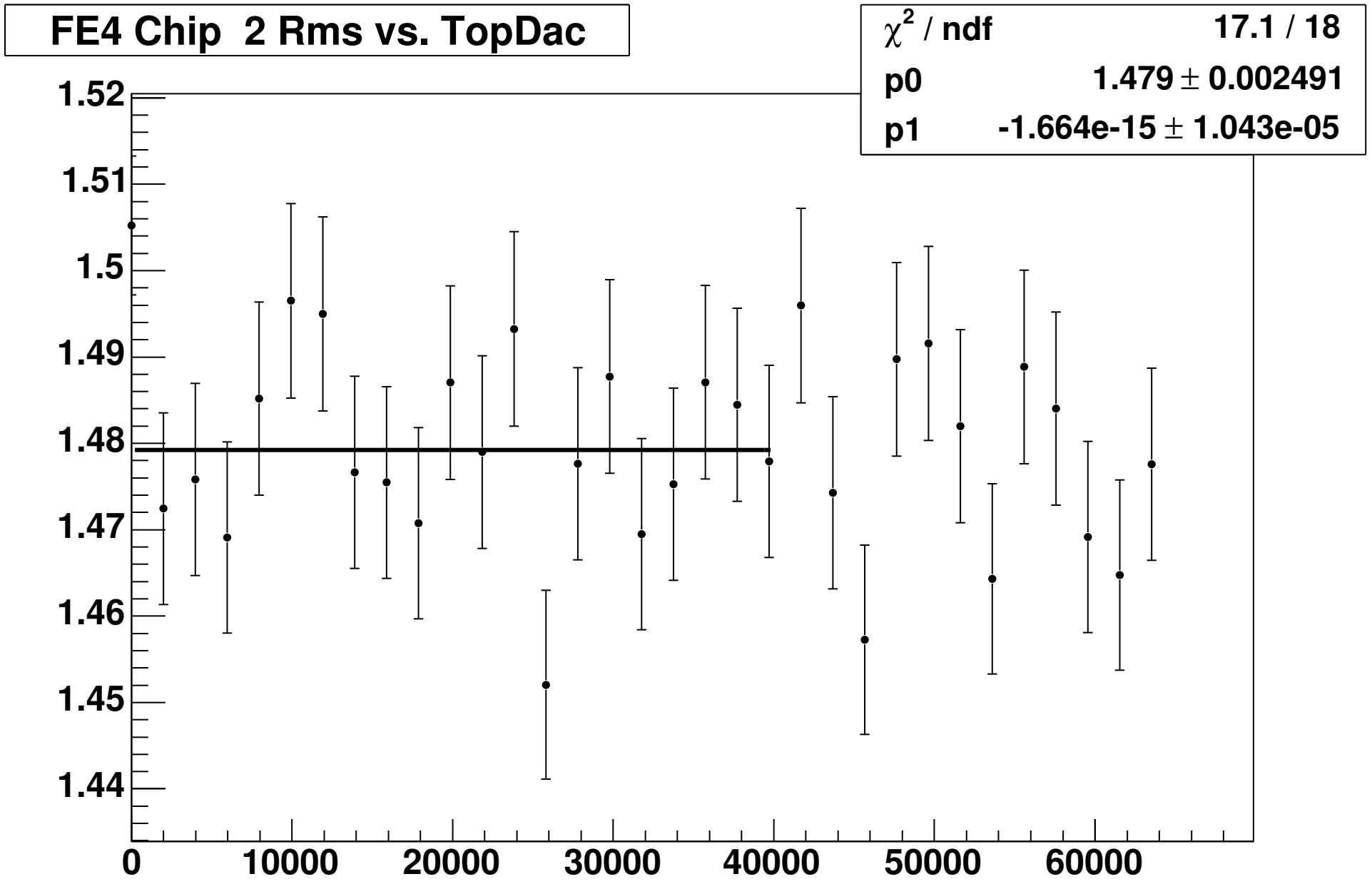
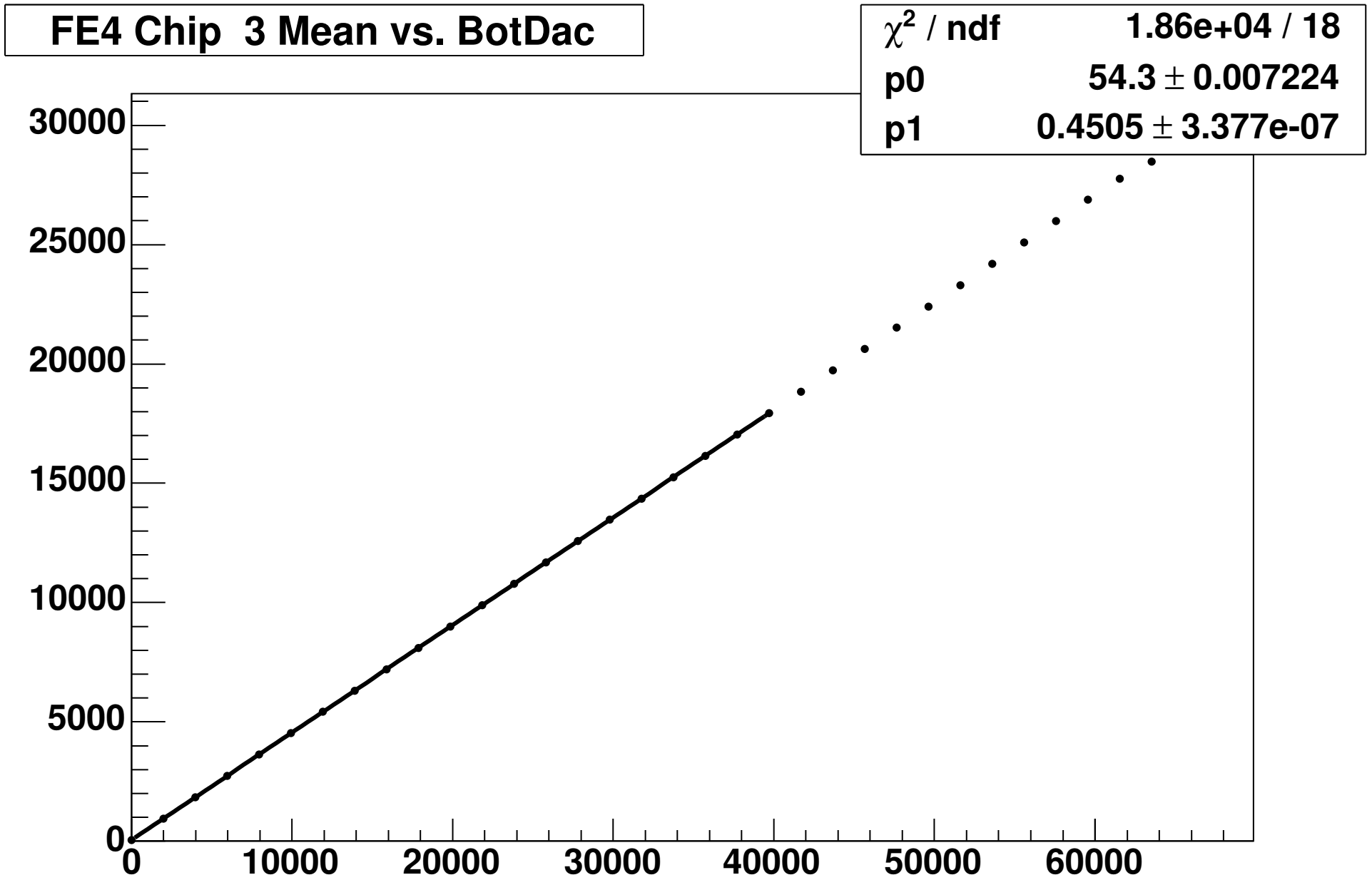
30000
40000
50000
60000


FE4 Chip 2 Rms vs. TopDac
χ² / ndf 17.1 / 18
p0 1.479 ± 0.002491
p1 -1.664e-15 ± 1.043e-05
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
20000
30000
40000
50000
60000


FE4 Chip 3 Mean vs. BotDac
χ² / ndf 1.86e+04 / 18
p0 54.3 ± 0.007224
p1 0.4505 ± 3.377e-07
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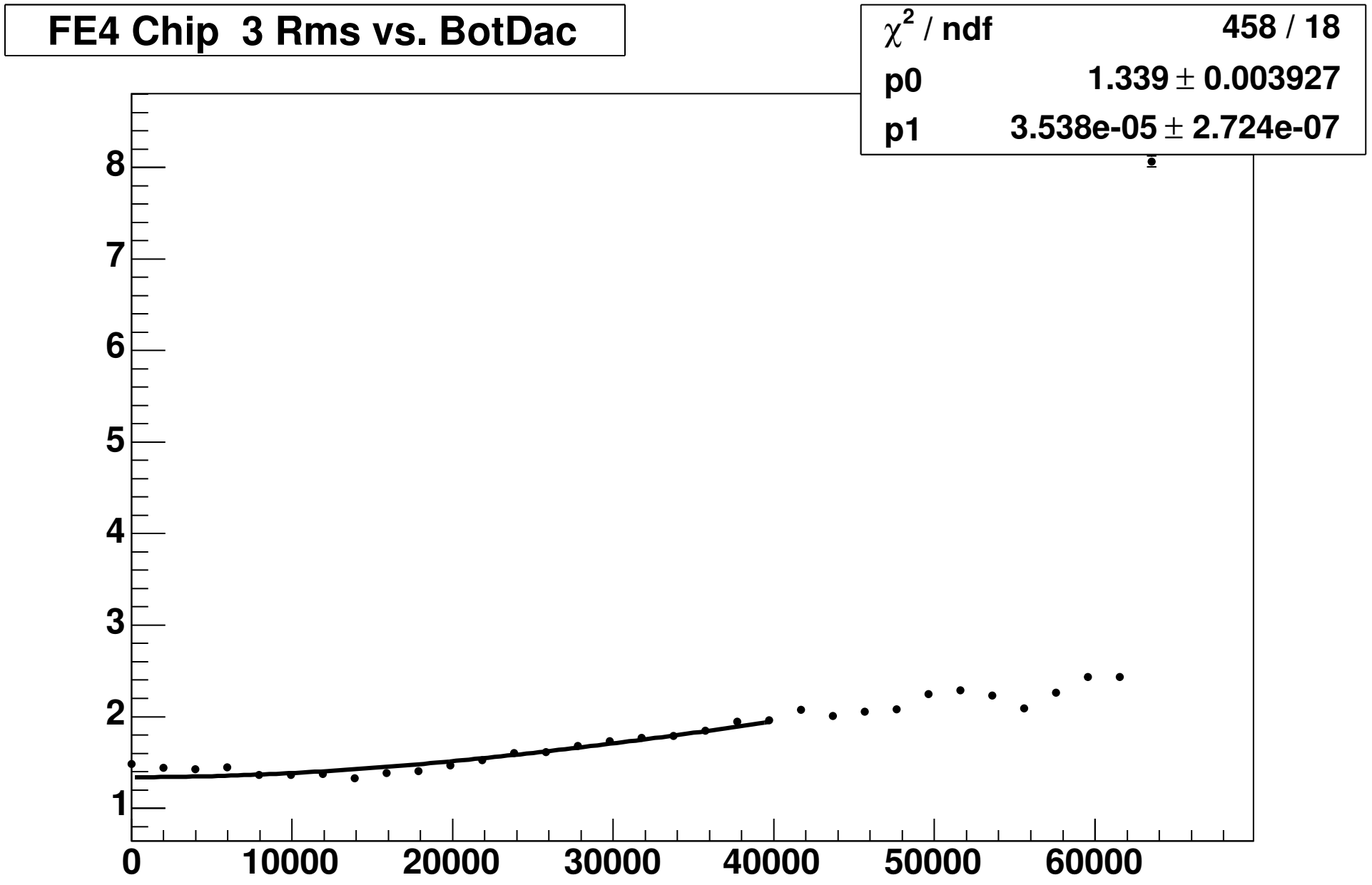
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 3 Rms vs. BotDac
χ² / ndf 458 / 18
p0 1.339 ± 0.003927
p1 3.538e-05 ± 2.724e-07
8
7
6
5
4
3
2
1
0
10000
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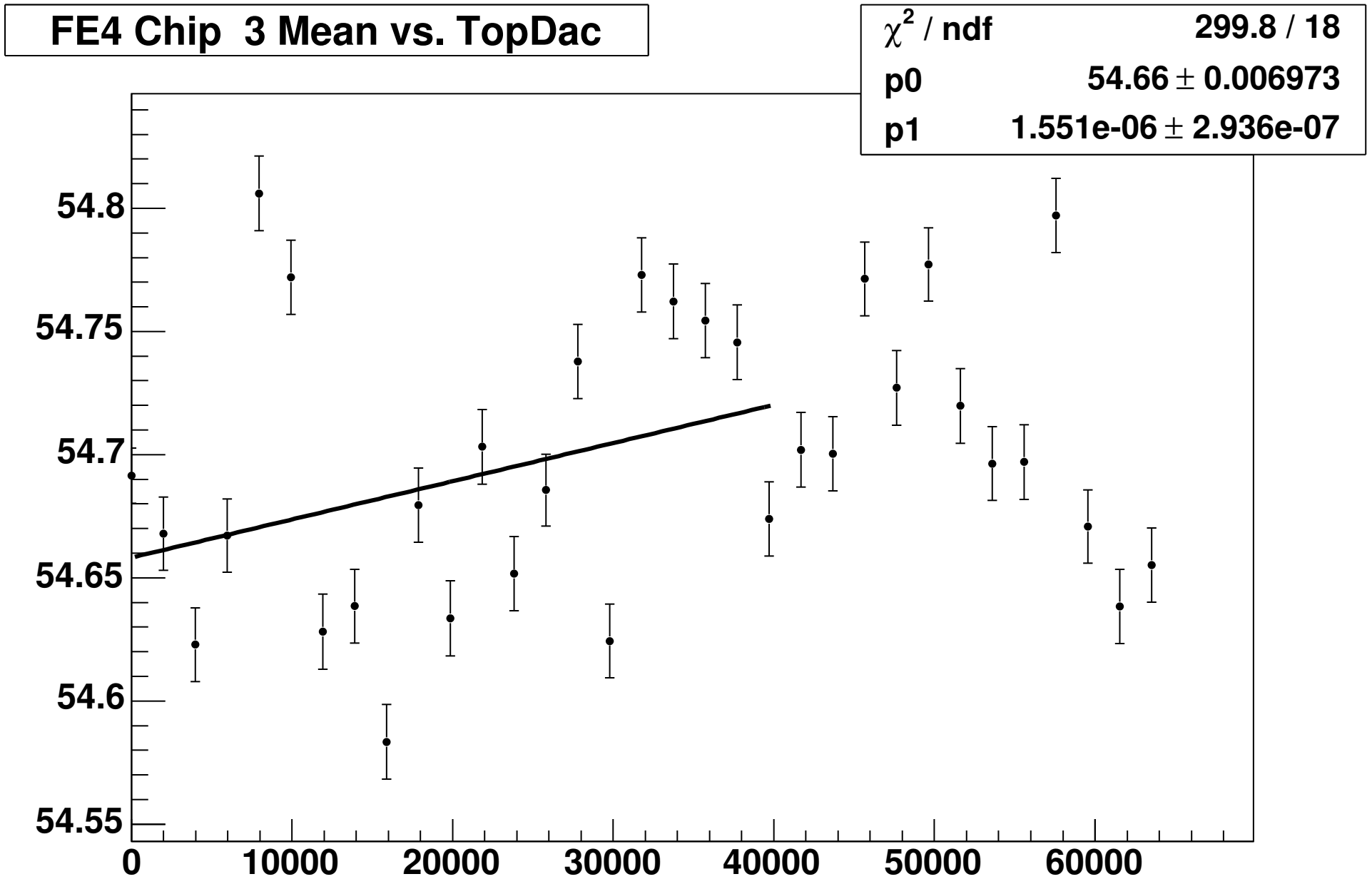
30000
40000
50000
60000


FE4 Chip 3 Mean vs. TopDac
χ² / ndf 299.8 / 18
p0 54.66 ± 0.006973
p1 1.551e-06 ± 2.936e-07
54.8
54.75
54.7
54.65
54.6
54.55
0
10000
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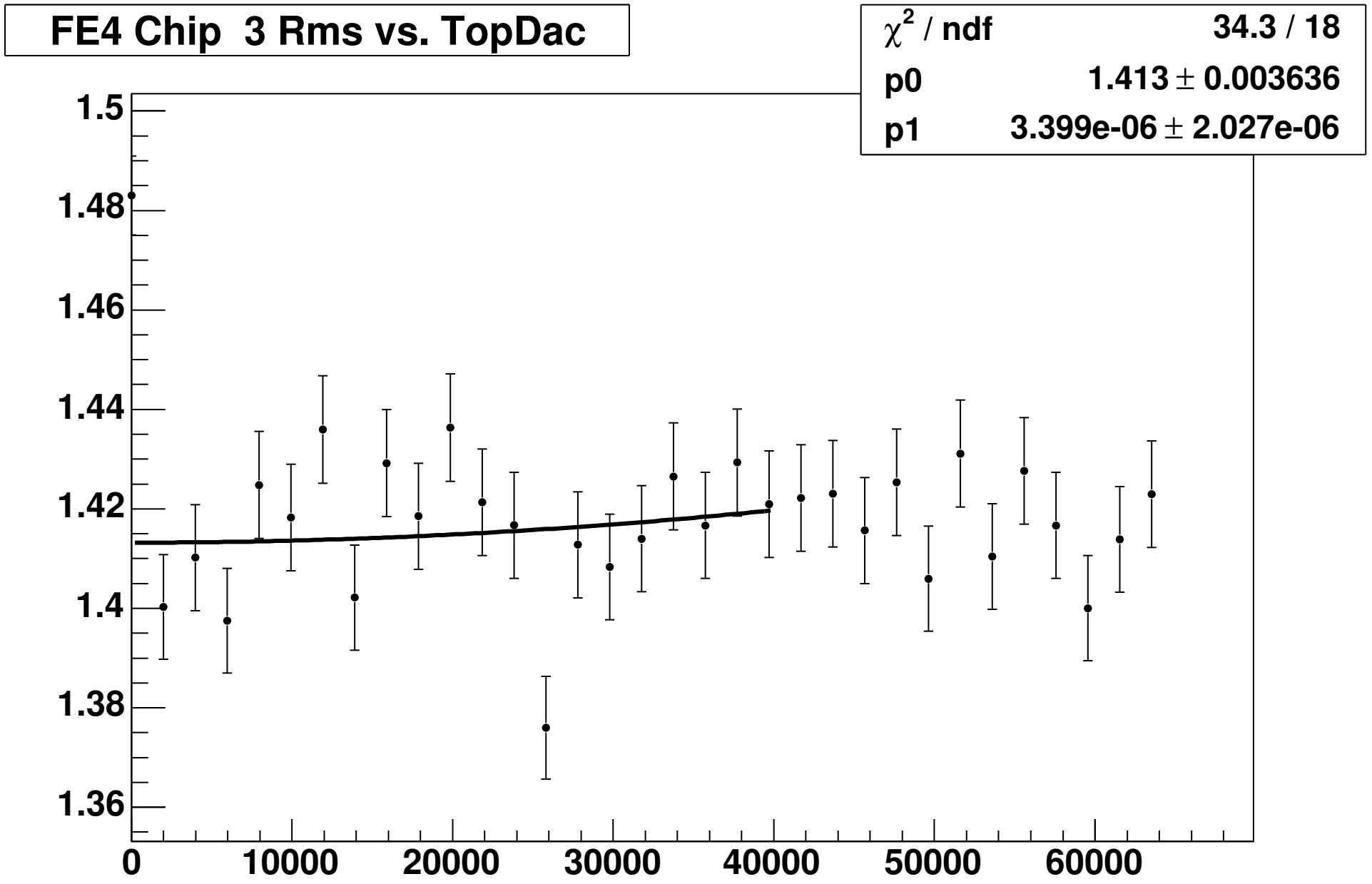
FE4 Chip 3 Rms vs. TopDac
χ² / ndf 34.3 / 18
p0 1.413 ± 0.003636
p1 3.399e-06 ± 2.027e-06
1.5
1.48
1.46
1.44
1.42
1.4
1.38
1.36
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40000
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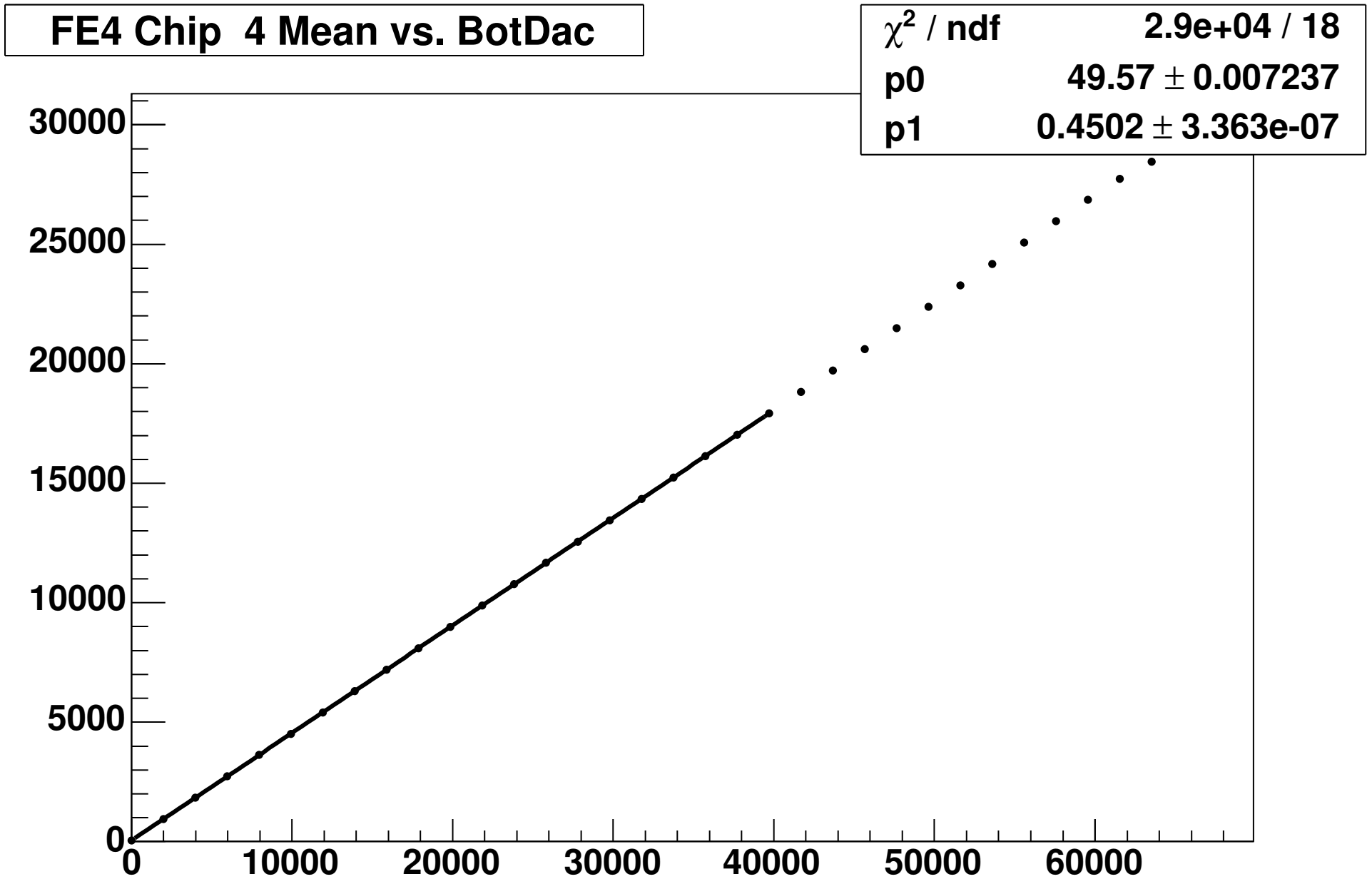
FE4 Chip 4 Mean vs. BotDac
χ² / ndf 2.9e+04 / 18
p0 49.57 ± 0.007237
p1 0.4502 ± 3.363e-07
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25000
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15000
10000
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0
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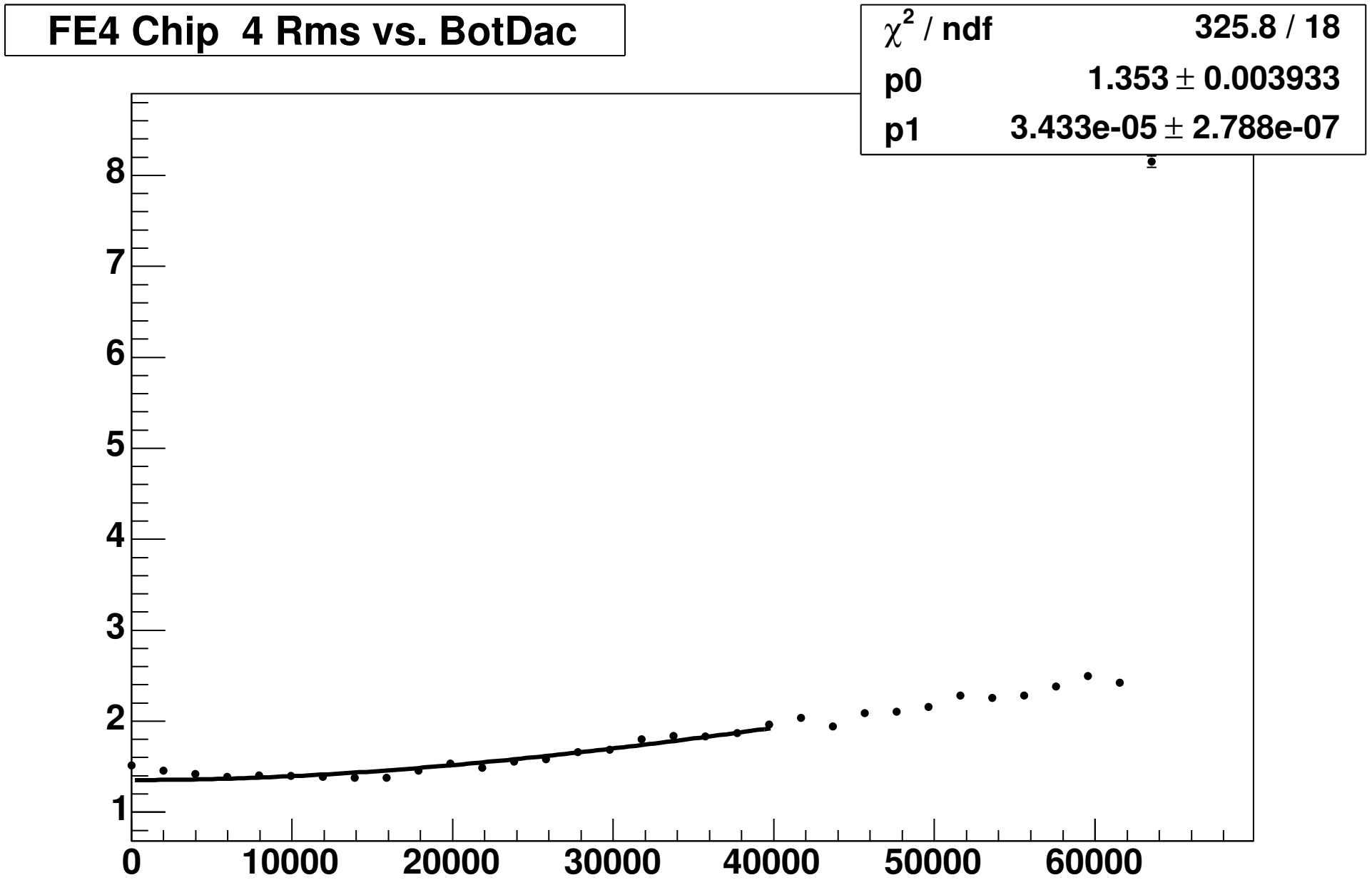
10000
20000
30000
40000
50000
60000


FE4 Chip 4 Rms vs. BotDac
χ² / ndf 325.8 / 18
p0 1.353 ± 0.003933
p1 3.433e-05 ± 2.788e-07
8
7
6
5
4
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1
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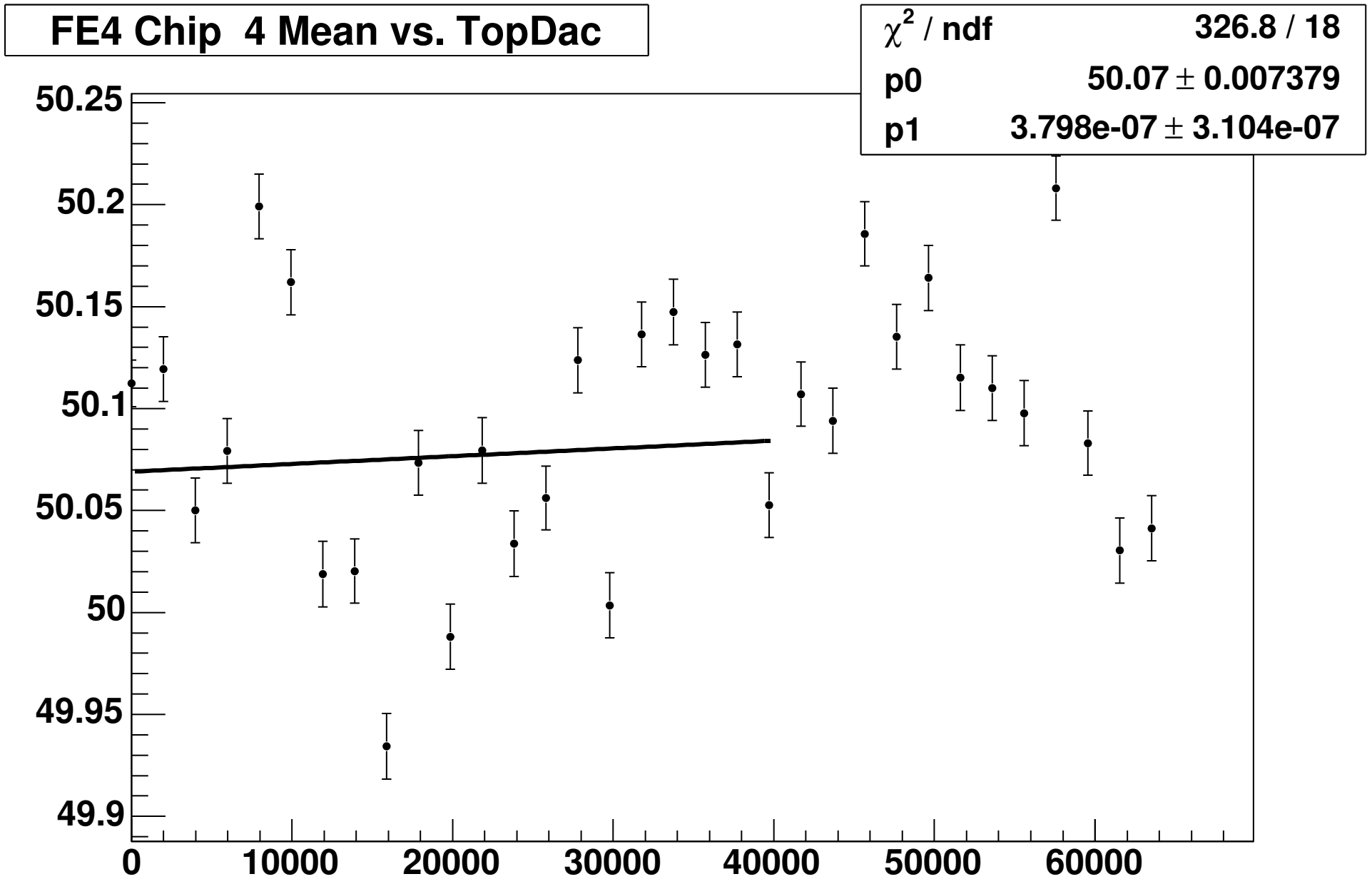
FE4 Chip 4 Mean vs. TopDac
χ² / ndf 326.8 / 18
p0 50.07 ± 0.007379
p1 3.798e-07 ± 3.104e-07
50.25
50.2
50.15
50.1
50.05
50
49.95
49.9
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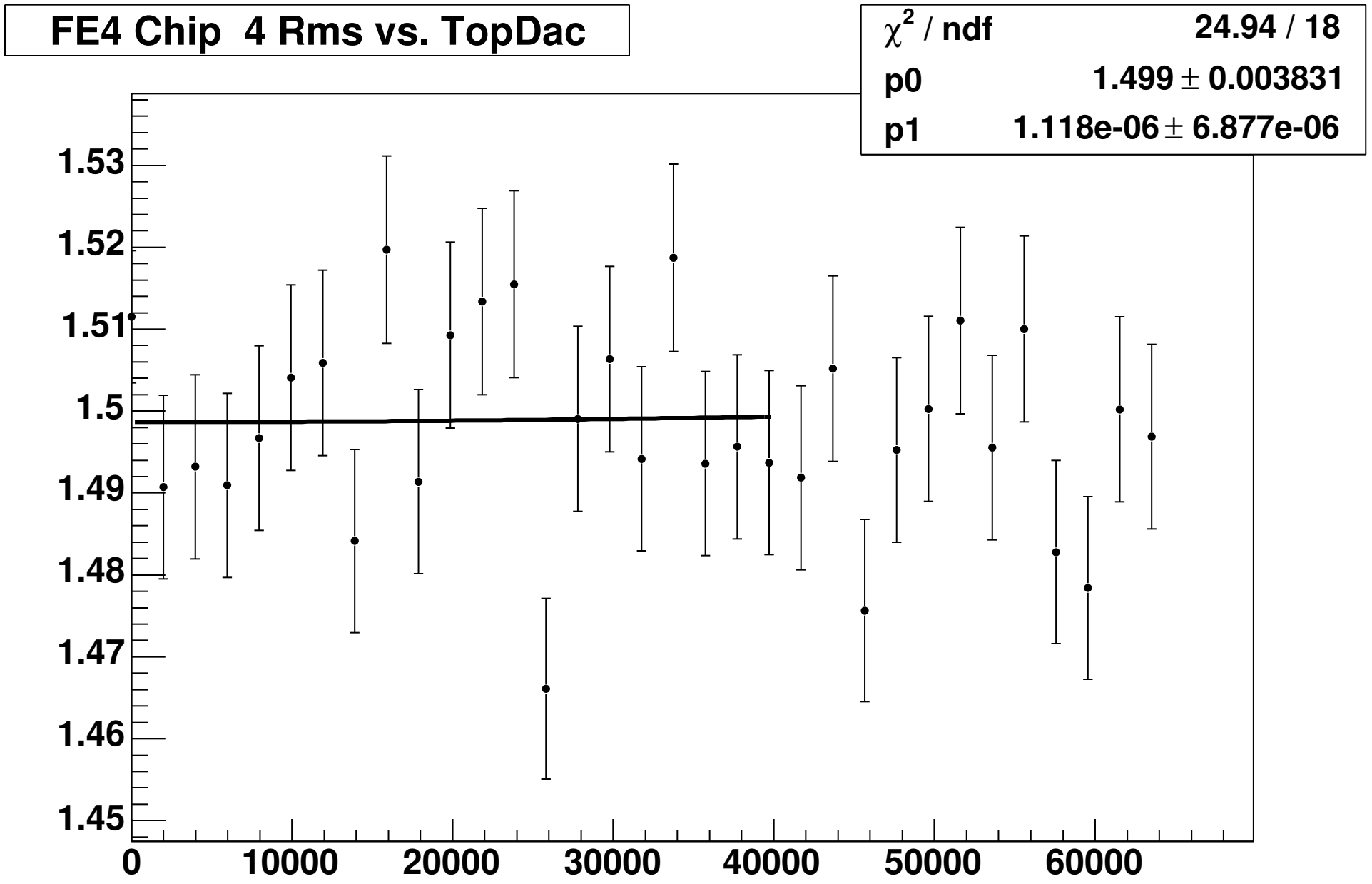
FE4 Chip 4 Rms vs. TopDac
χ² / ndf 24.94 / 18
p0 1.499 ± 0.003831
p1 1.118e-06 ± 6.877e-06
1.53
1.52
1.51
1.5
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1.48
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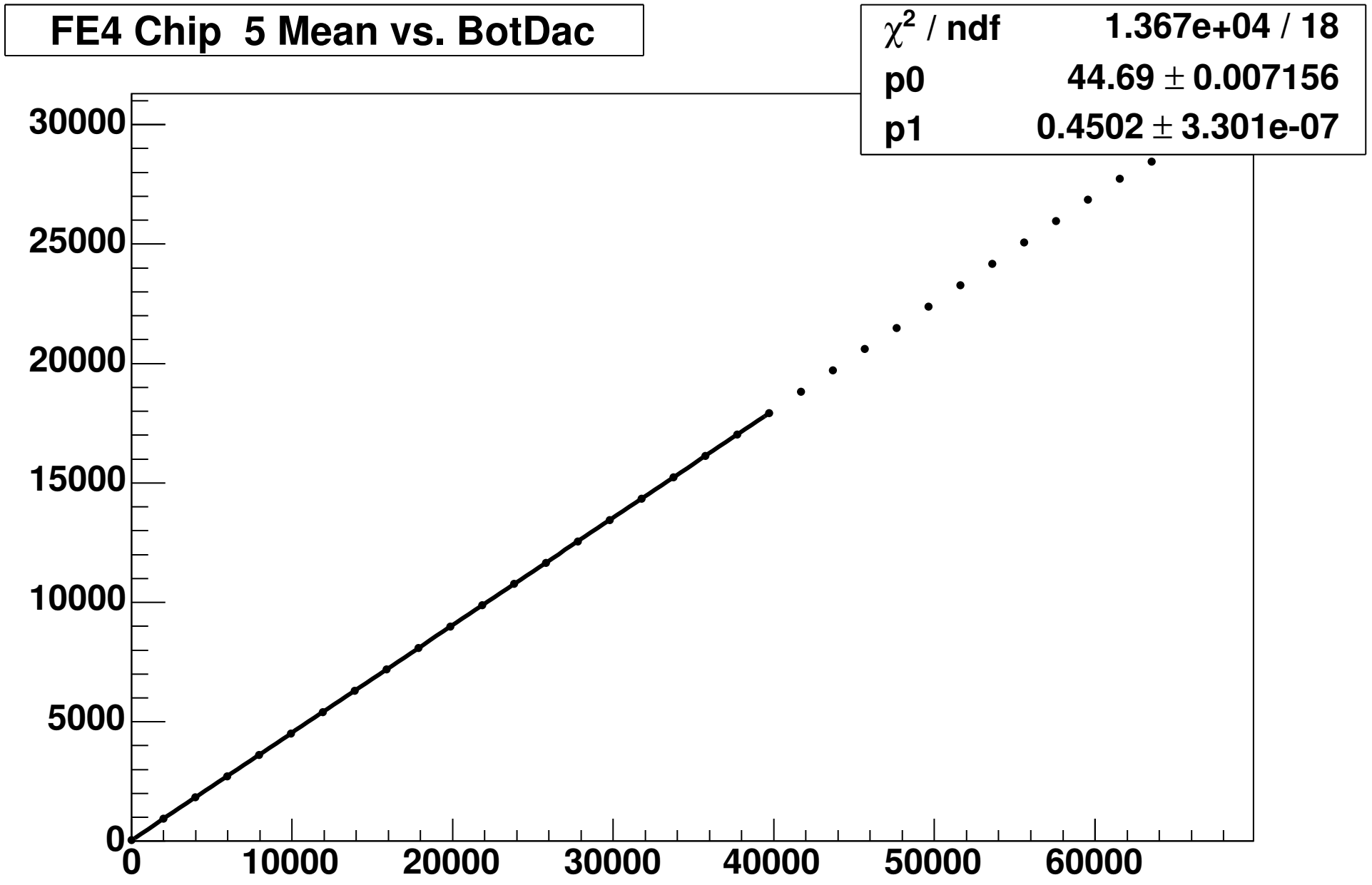
FE4 Chip 5 Mean vs. BotDac
χ² / ndf 1.367e+04 / 18
p0 44.69 ± 0.007156
p1 0.4502 ± 3.301e-07
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20000
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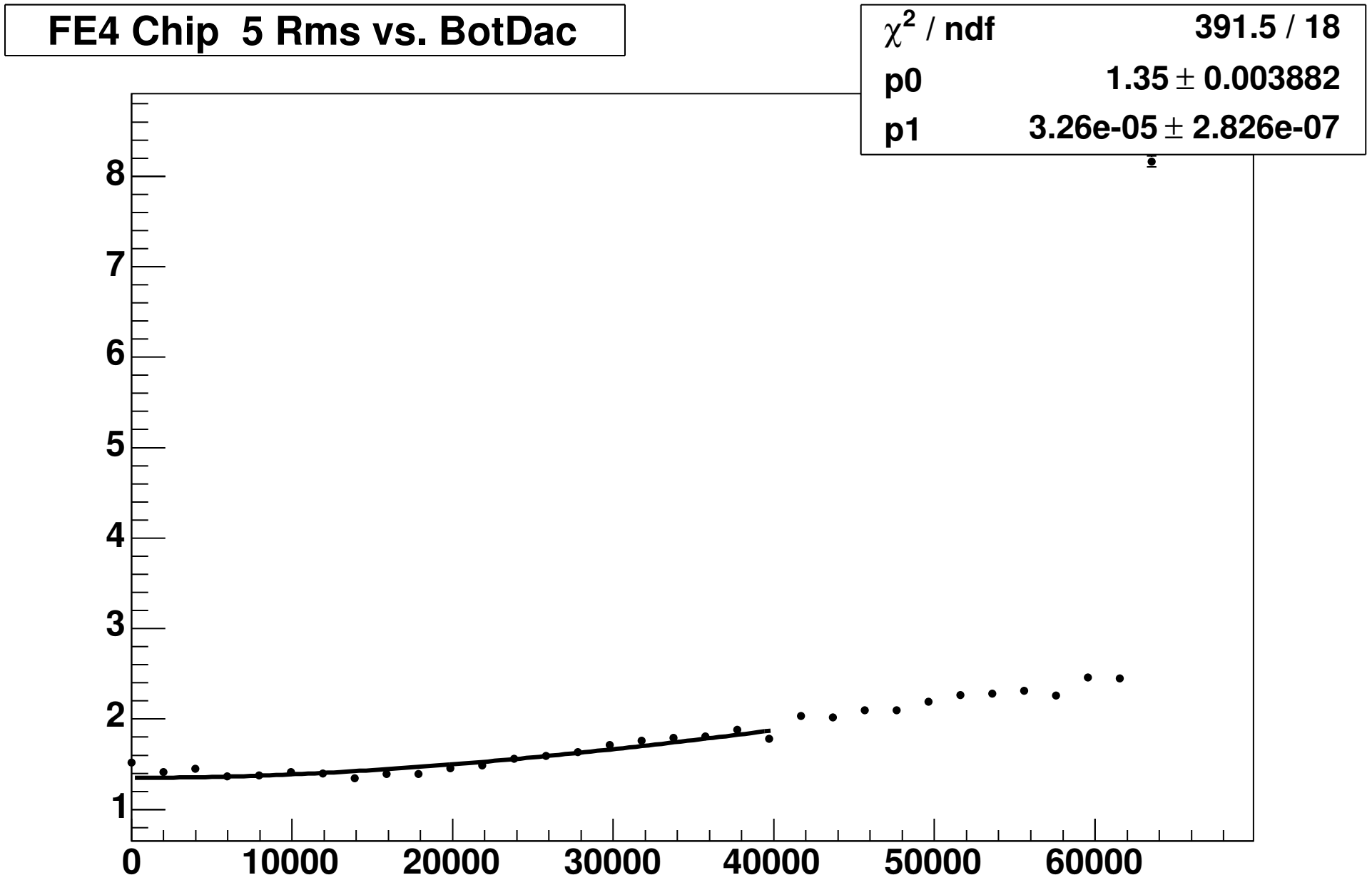
10000
20000
30000
40000
50000
60000


FE4 Chip 5 Rms vs. BotDac
χ² / ndf 391.5 / 18
p0 1.35 ± 0.003882
p1 3.26e-05 ± 2.826e-07
8
7
6
5
4
3
2
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0
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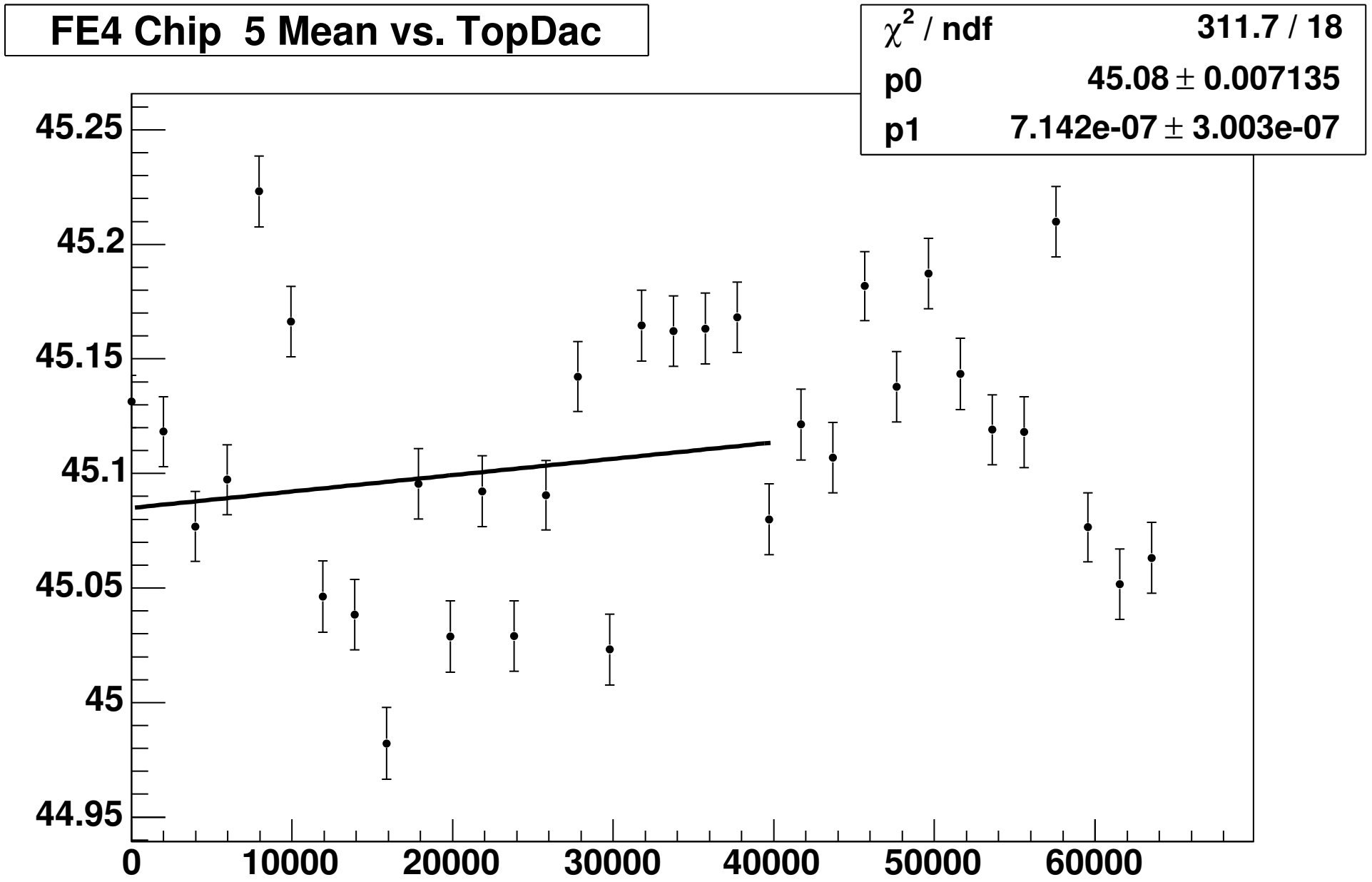
FE4 Chip 5 Mean vs. TopDac
χ² / ndf 311.7 / 18
p0 45.08 ± 0.007135
p1 7.142e-07 ± 3.003e-07
45.25
45.2
45.15
45.1
45.05
45
44.95
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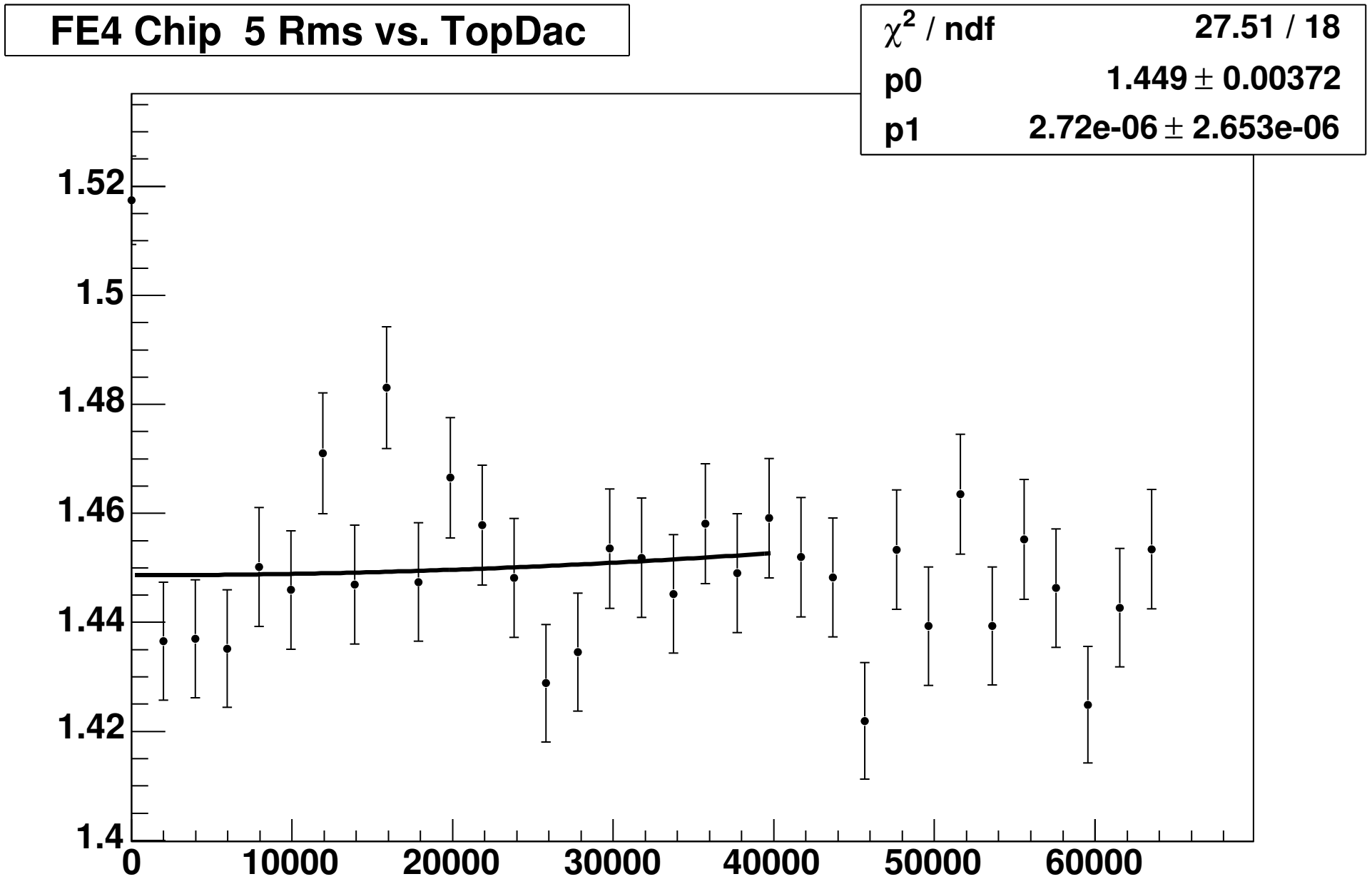
60000


FE4 Chip 5 Rms vs. TopDac
χ² / ndf 27.51 / 18
p0 1.449 ± 0.00372
p1 2.72e-06 ± 2.653e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
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10000
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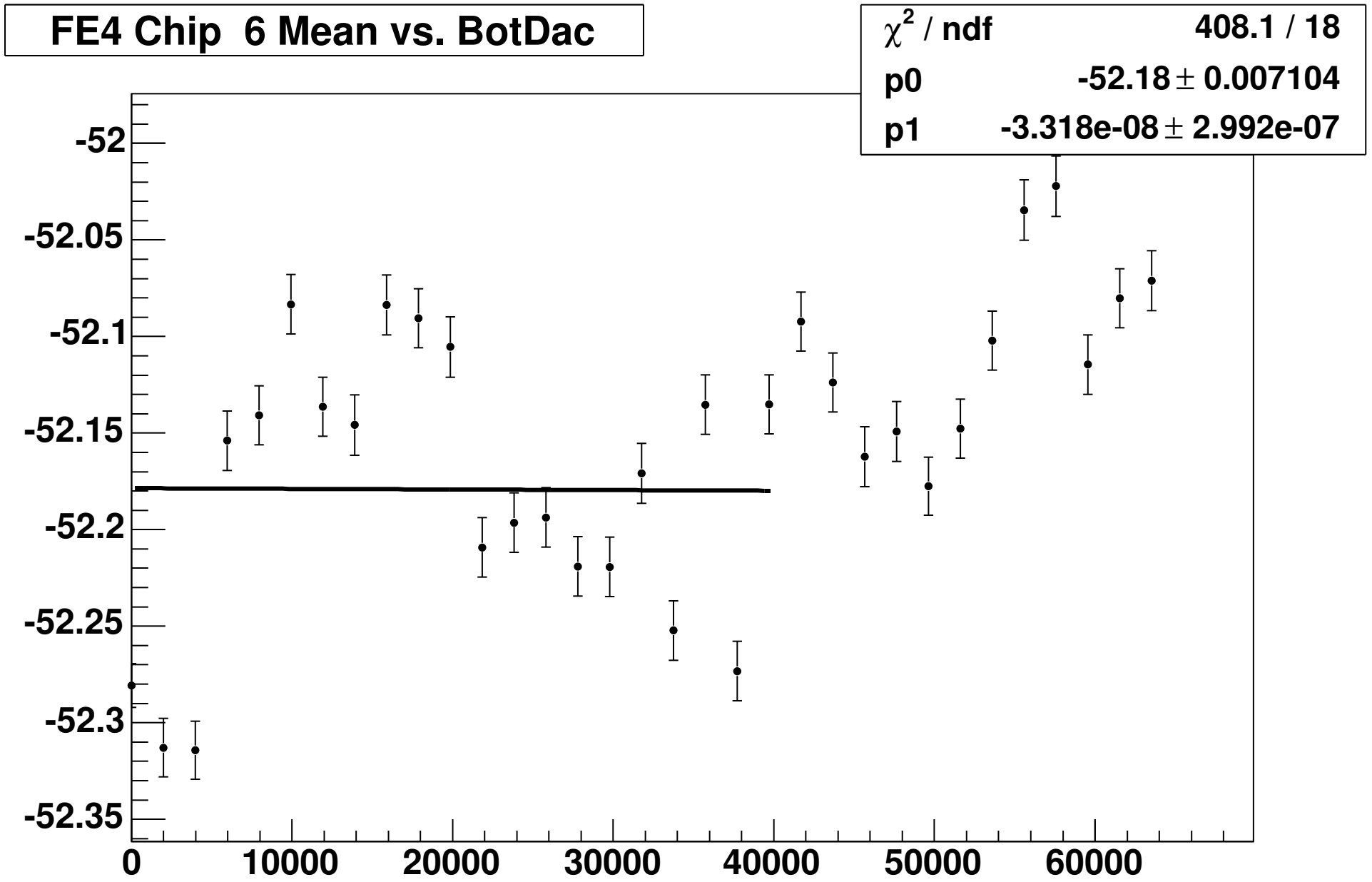
FE4 Chip 6 Mean vs. BotDac
χ² / ndf 408.1 / 18
p0 -52.18 ± 0.007104
p1 -3.318e-08 ± 2.992e-07
-52
-52.05
-52.1
-52.15
-52.2
-52.25
-52.3
-52.35
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10000
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40000
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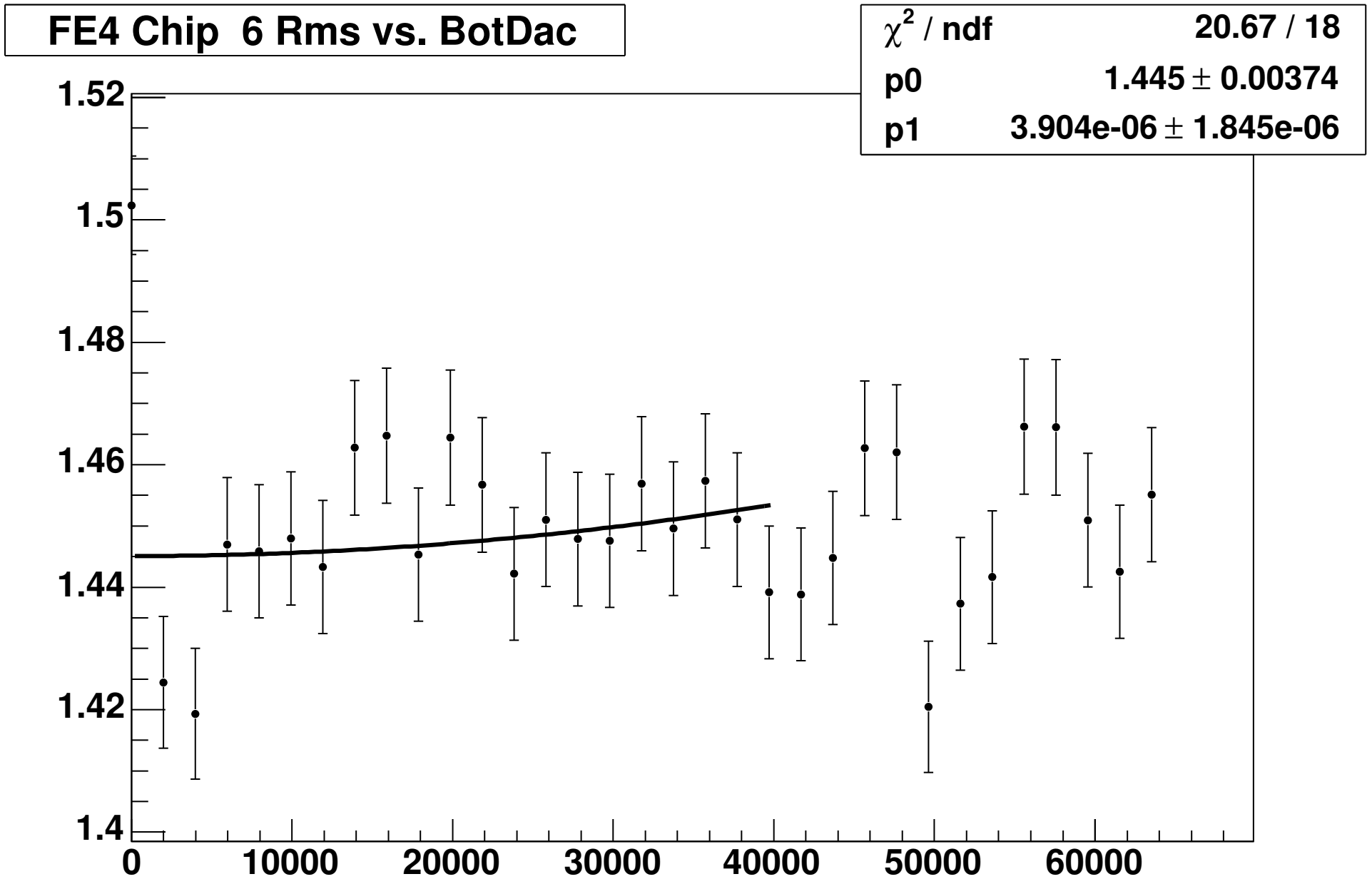
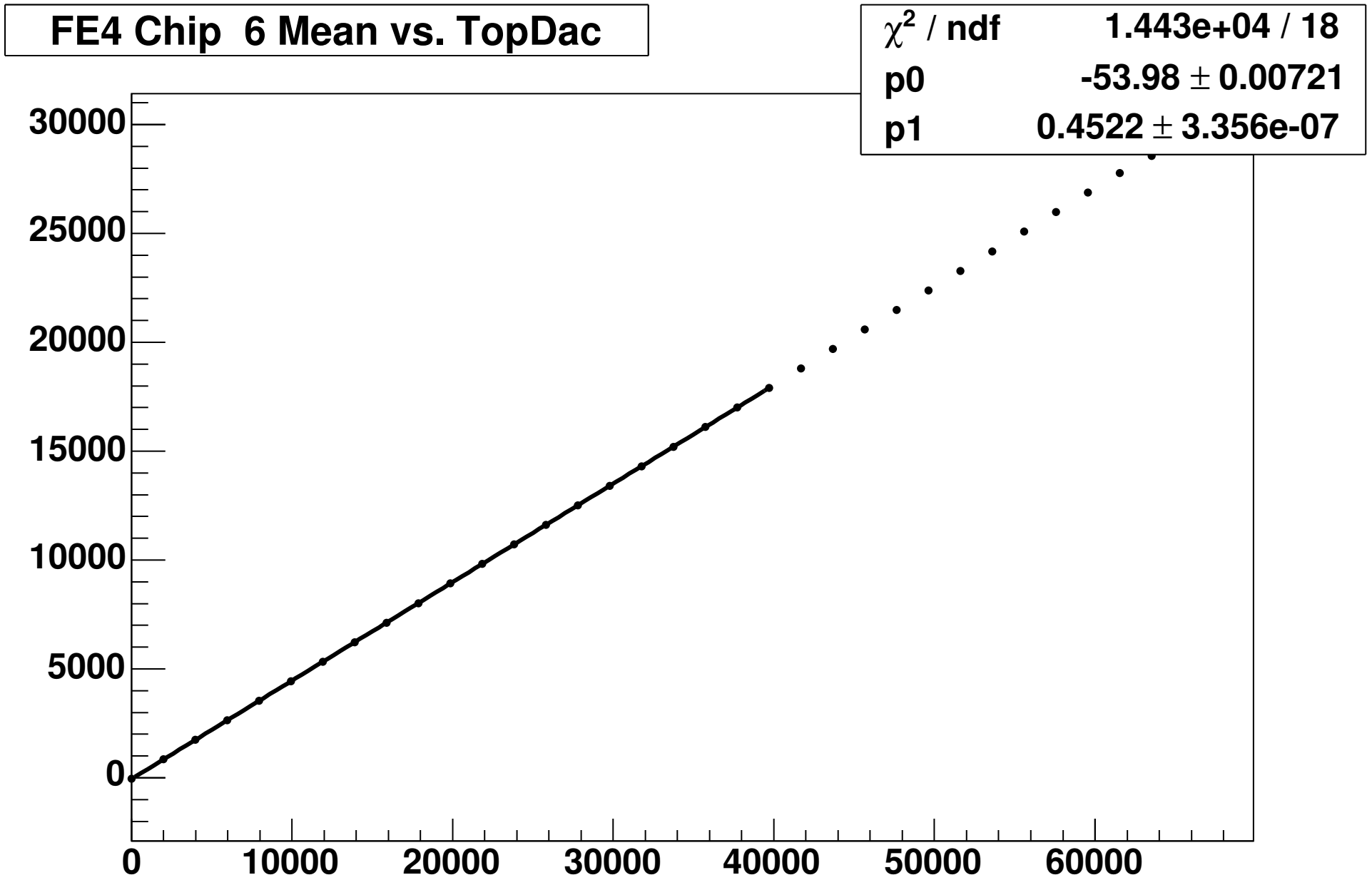
60000


FE4 Chip 6 Rms vs. BotDac
χ² / ndf 20.67 / 18
p0 1.445 ± 0.00374
p1 3.904e-06 ± 1.845e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
20000
30000
40000
50000
60000


FE4 Chip 6 Mean vs. TopDac
χ² / ndf 1.443e+04 / 18
p0 -53.98 ± 0.00721
p1 0.4522 ± 3.356e-07
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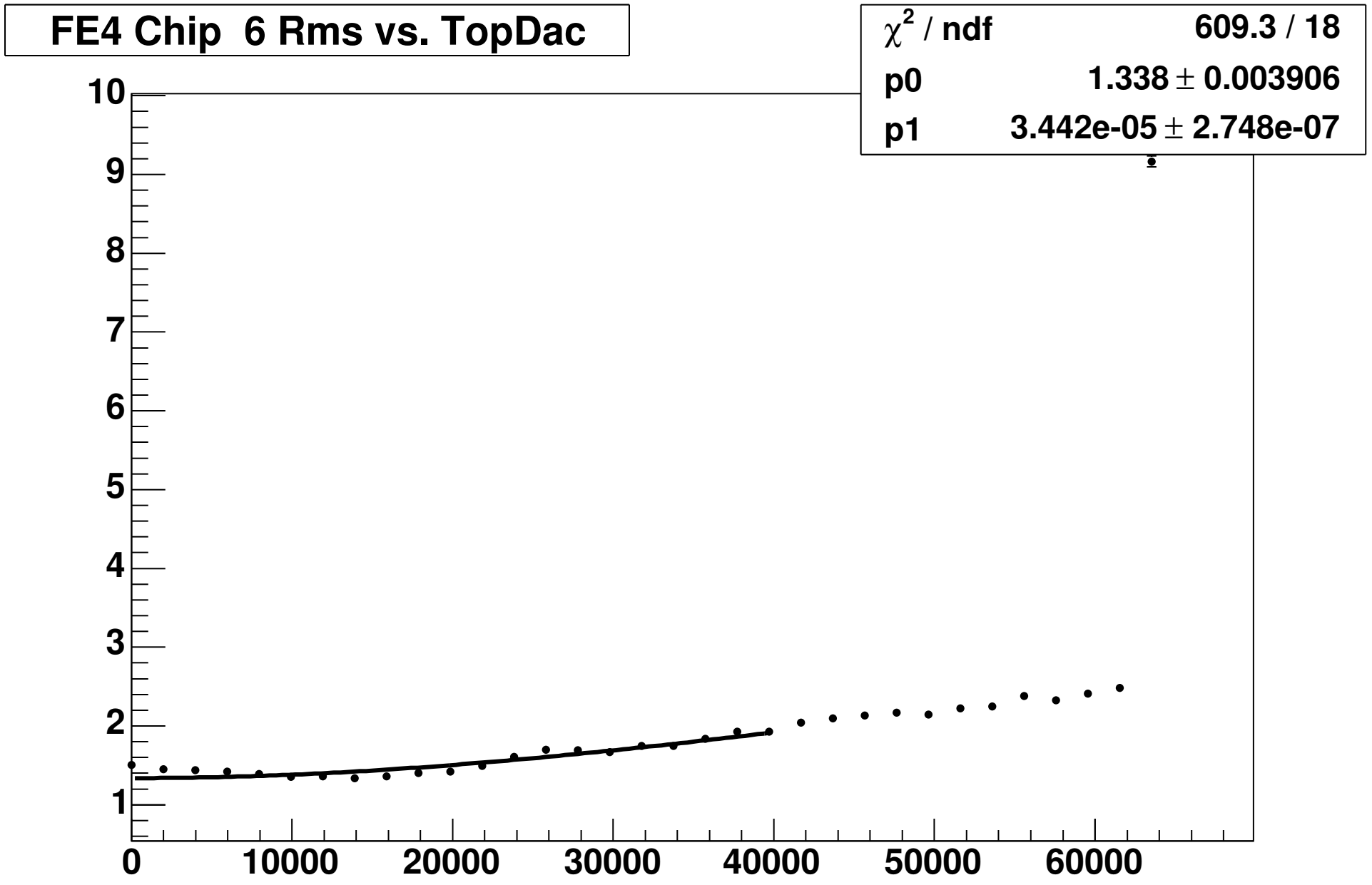
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 6 Rms vs. TopDac
χ² / ndf 609.3 / 18
p0 1.338 ± 0.003906
p1 3.442e-05 ± 2.748e-07
10
9
8
7
6
5
4
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2
1
0
10000
20000
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40000
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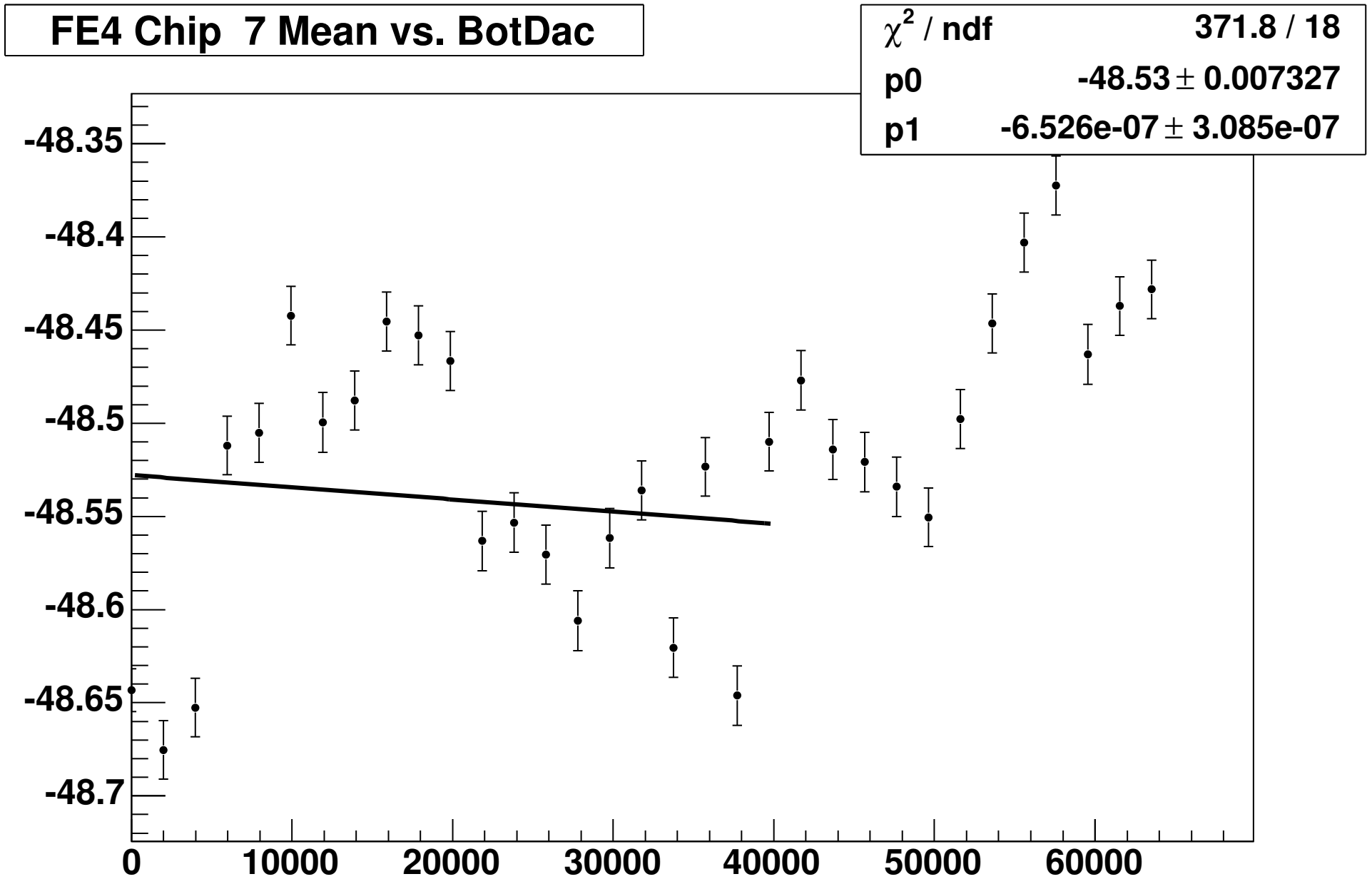
60000


FE4 Chip 7 Mean vs. BotDac
χ² / ndf 371.8 / 18
p0 -48.53 ± 0.007327
p1 -6.526e-07 ± 3.085e-07
-48.35
-48.4
-48.45
-48.5
-48.55
-48.6
-48.65
-48.7
0
10000
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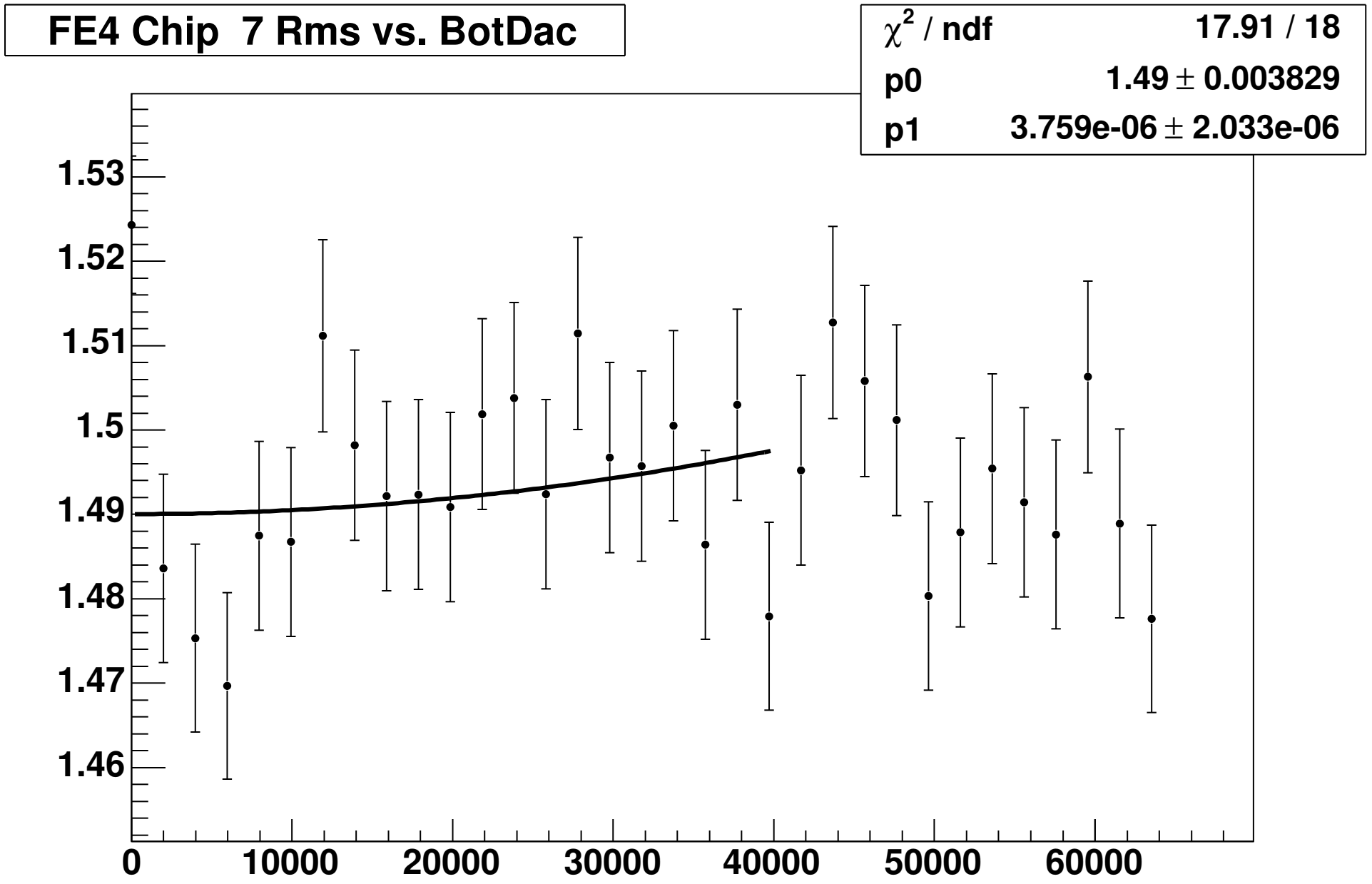
30000
40000
50000
60000


FE4 Chip 7 Rms vs. BotDac
χ² / ndf 17.91 / 18
p0 1.49 ± 0.003829
p1 3.759e-06 ± 2.033e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
0
10000
20000
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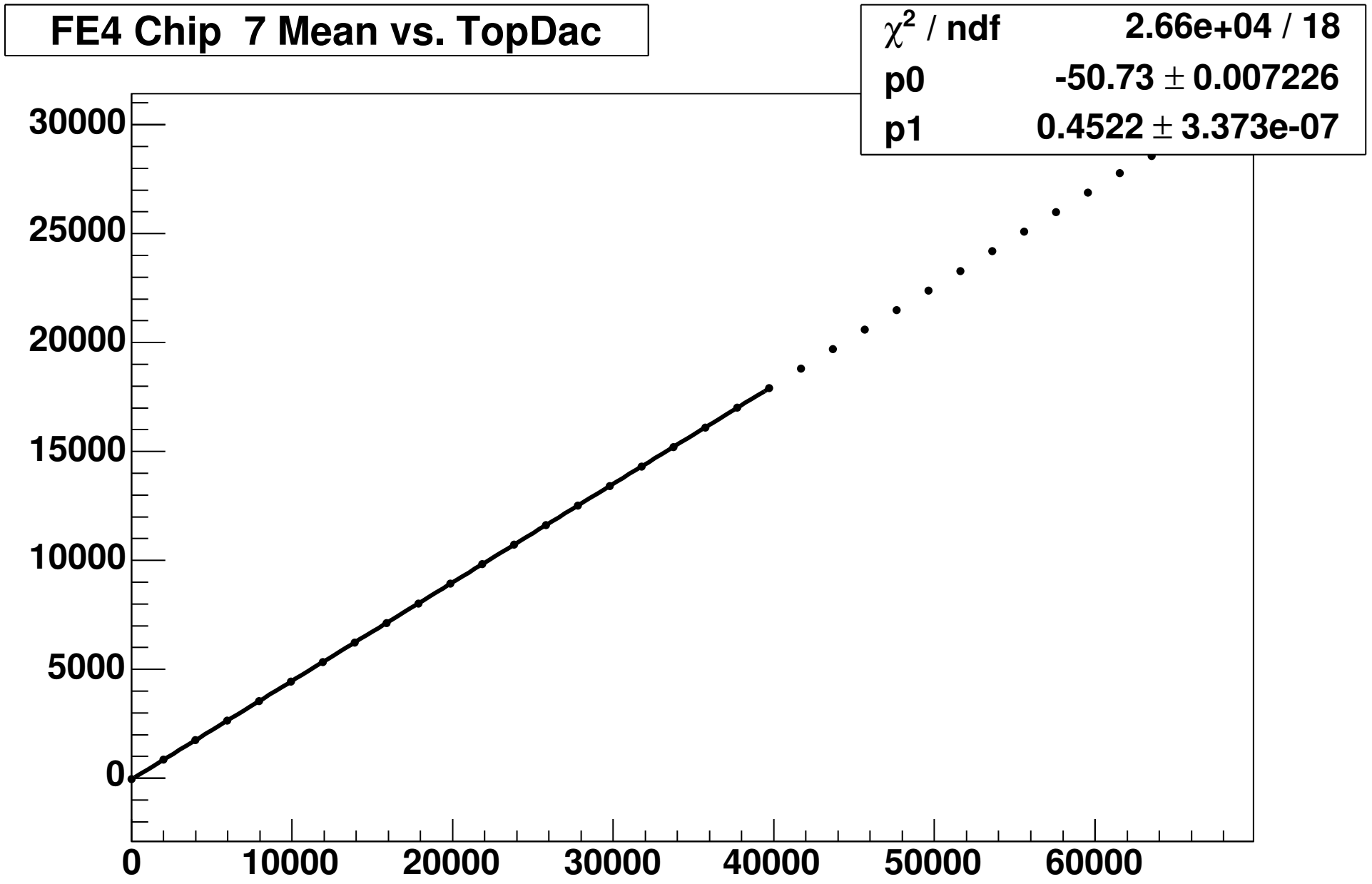
40000
50000
60000


FE4 Chip 7 Mean vs. TopDac
χ² / ndf 2.66e+04 / 18
p0 -50.73 ± 0.007226
p1 0.4522 ± 3.373e-07
30000
25000
20000
15000
10000
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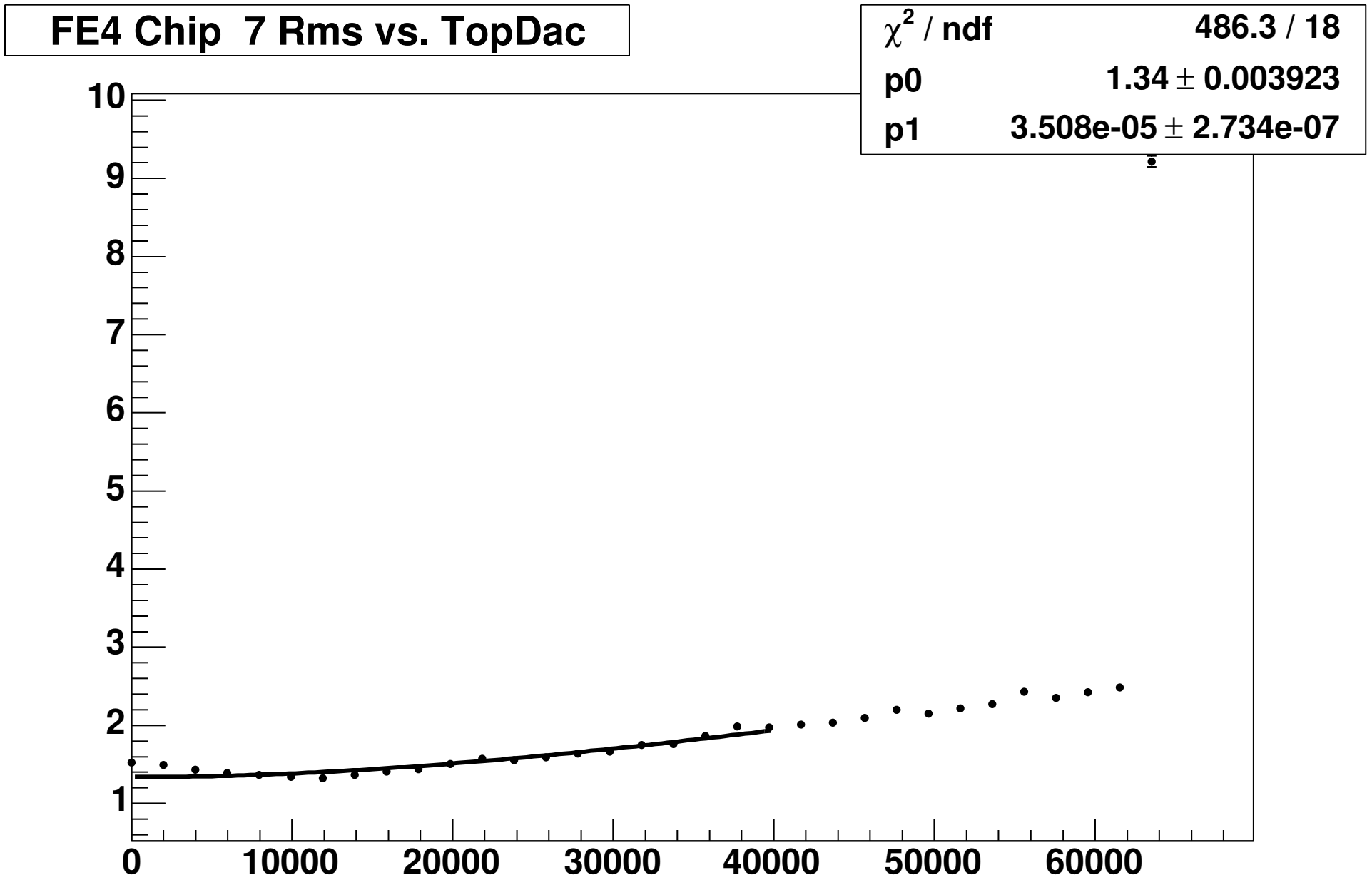
FE4 Chip 7 Rms vs. TopDac
χ² / ndf 486.3 / 18
p0 1.34 ± 0.003923
p1 3.508e-05 ± 2.734e-07
10
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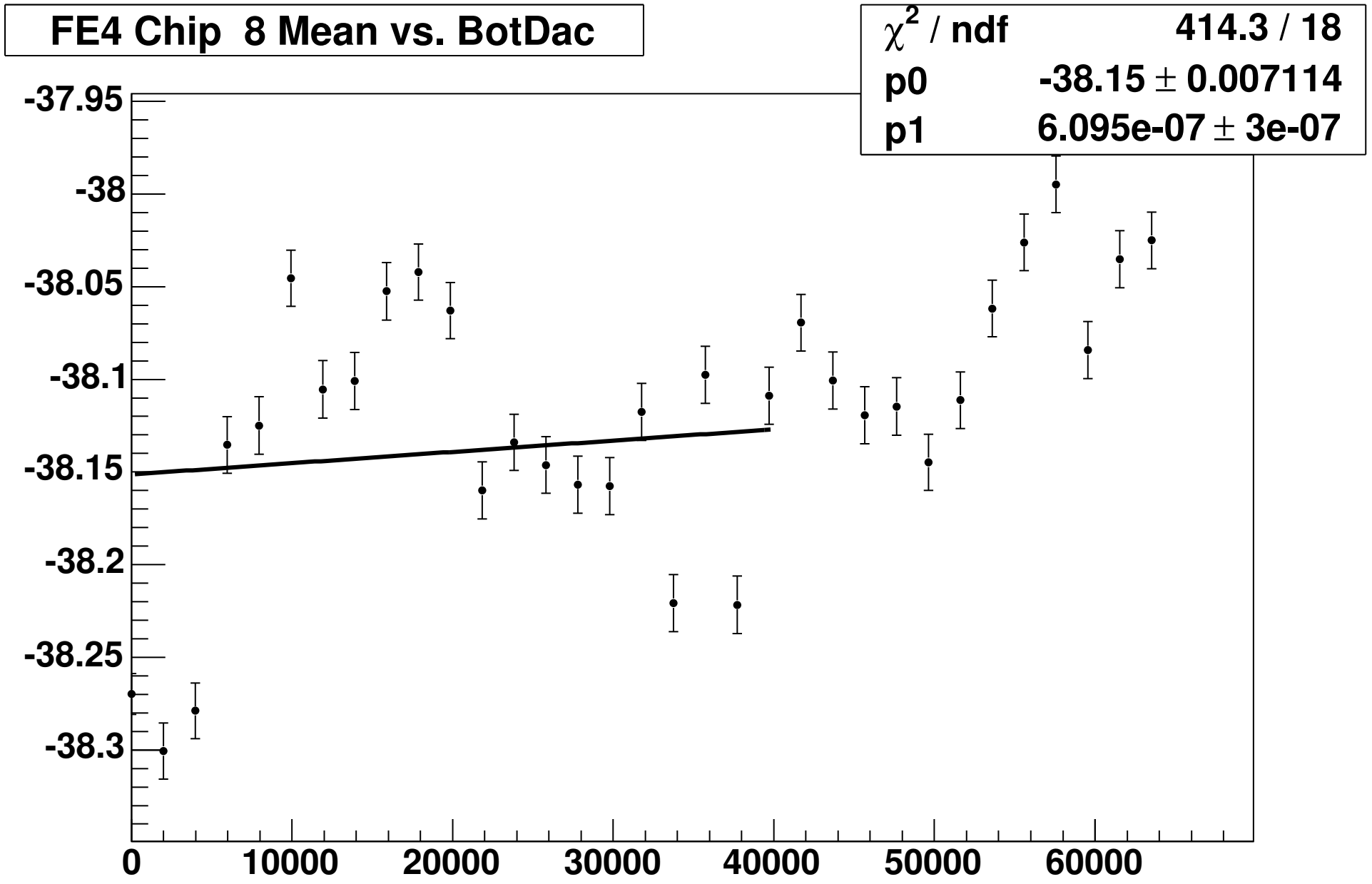
FE4 Chip 8 Mean vs. BotDac
χ² / ndf 414.3 / 18
p0 -38.15 ± 0.007114
p1 6.095e-07 ± 3e-07
-37.95
-38
-38.05
-38.1
-38.15
-38.2
-38.25
-38.3
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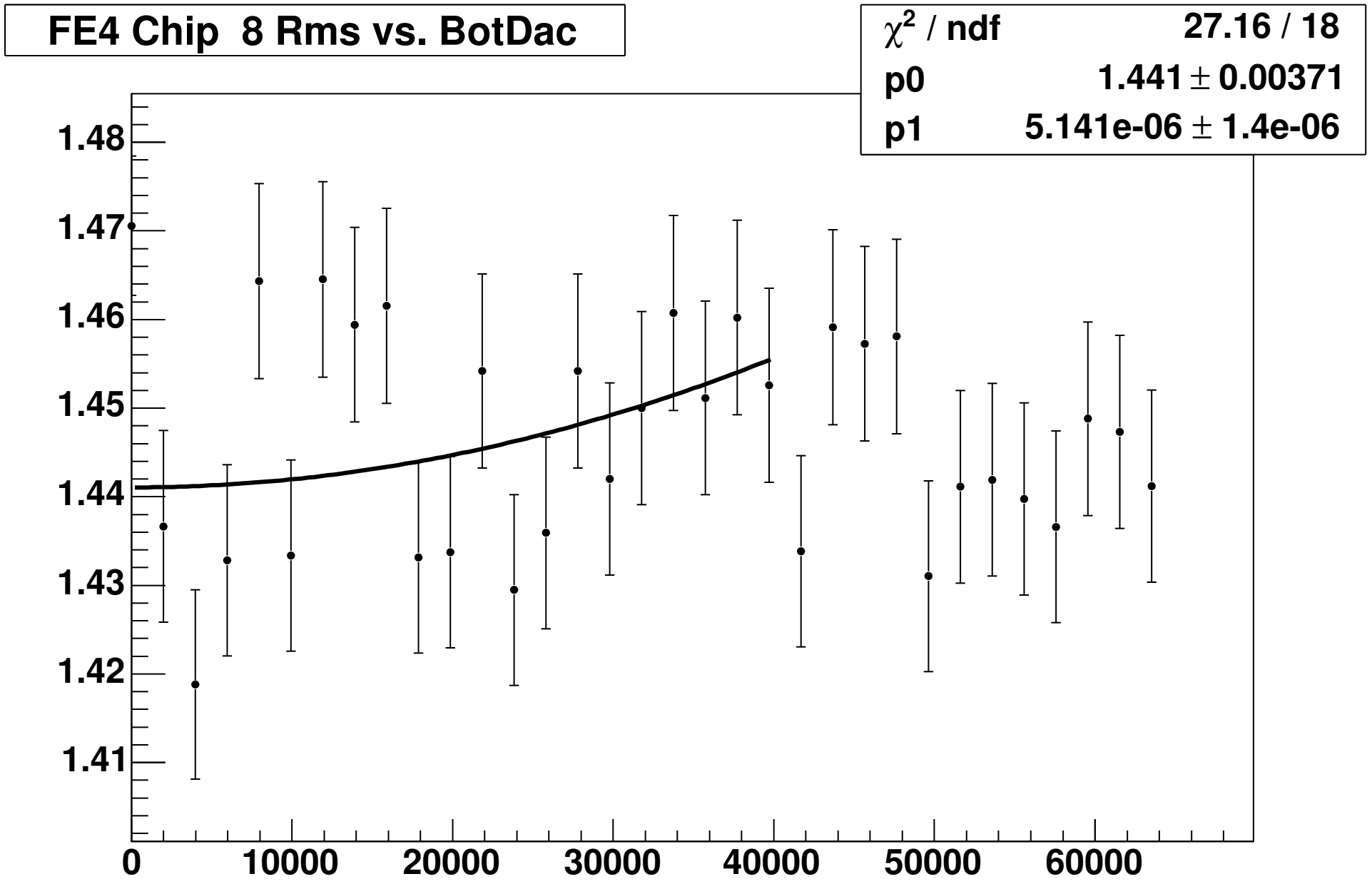
FE4 Chip 8 Rms vs. BotDac
χ² / ndf 27.16 / 18
p0 1.441 ± 0.00371
p1 5.141e-06 ± 1.4e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
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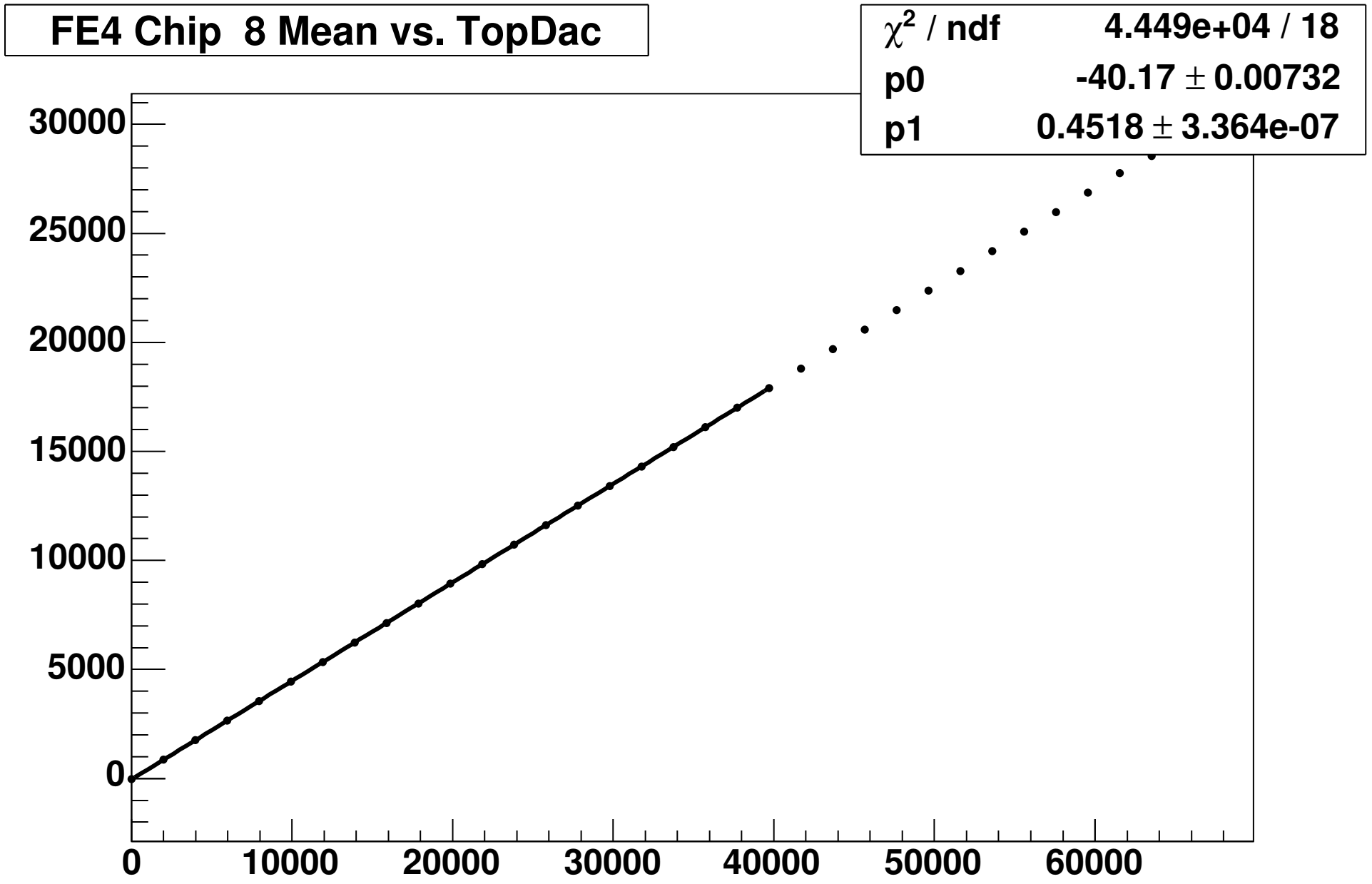
FE4 Chip 8 Mean vs. TopDac
χ² / ndf 4.449e+04 / 18
p0 -40.17 ± 0.00732
p1 0.4518 ± 3.364e-07
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10000
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0
0
10000
20000
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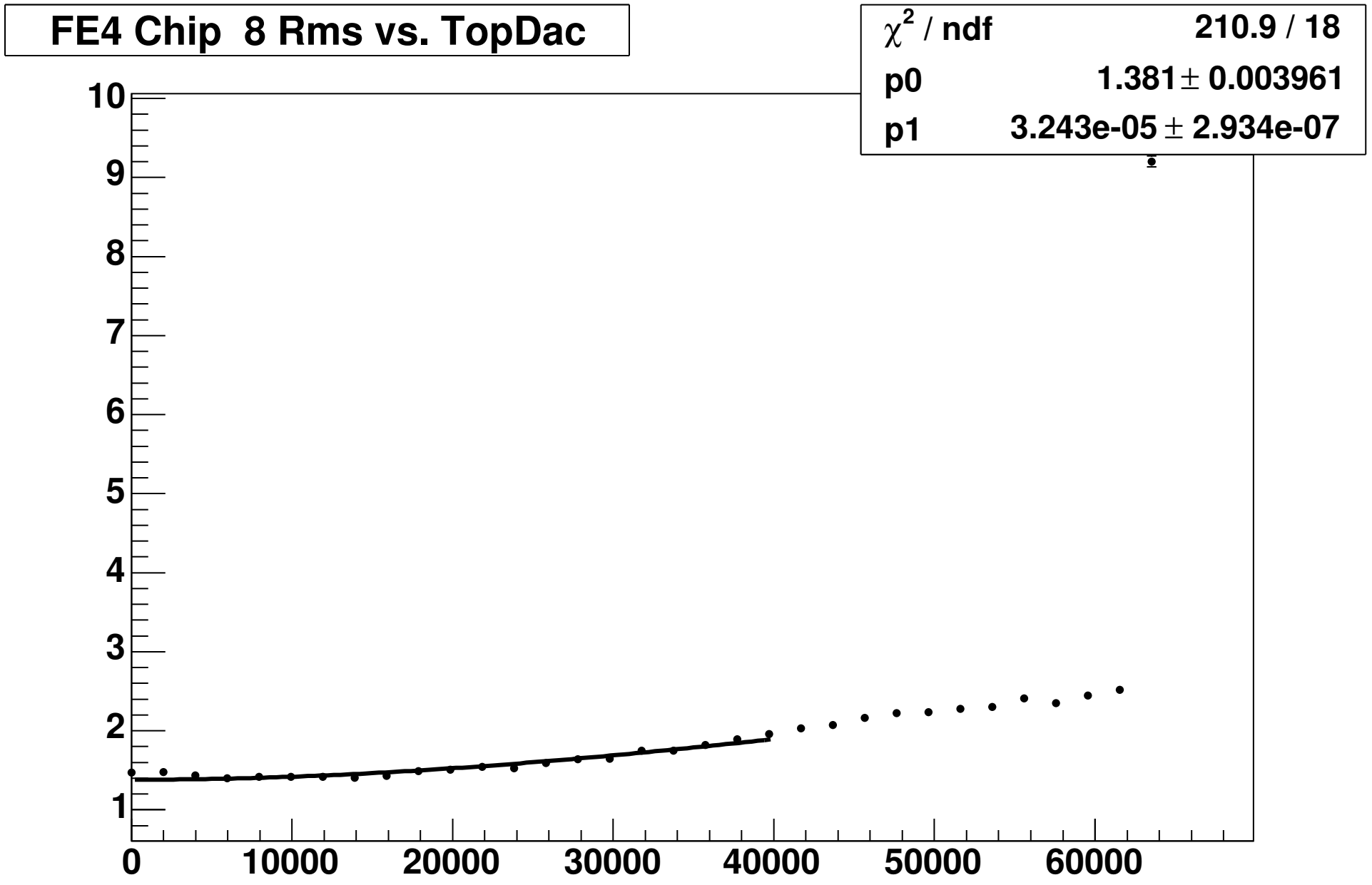
40000
50000
60000


FE4 Chip 8 Rms vs. TopDac
χ² / ndf 210.9 / 18
p0 1.381 ± 0.003961
p1 3.243e-05 ± 2.934e-07
10
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8
7
6
5
4
3
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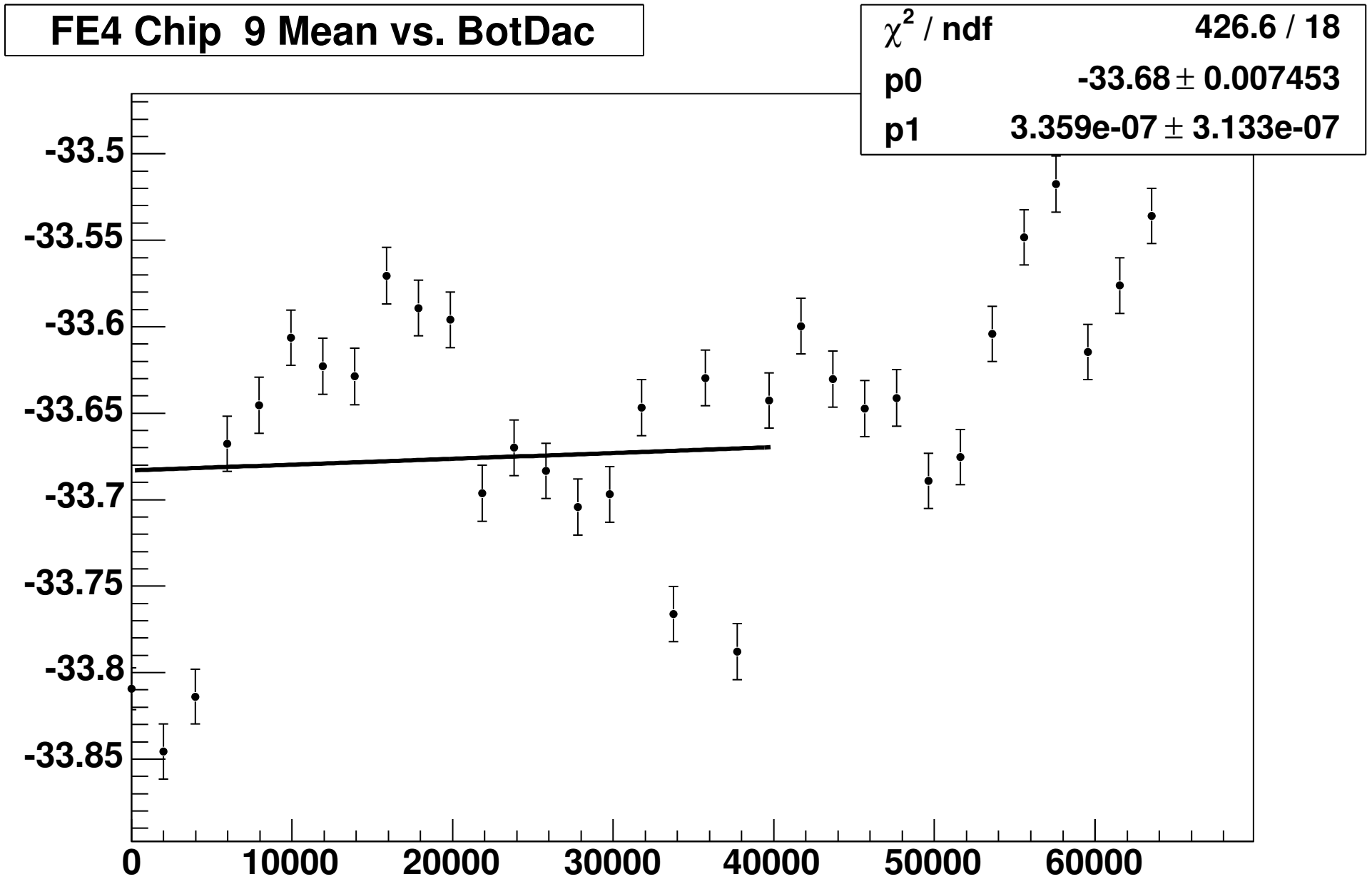
FE4 Chip 9 Mean vs. BotDac
χ² / ndf 426.6 / 18
p0 -33.68 ± 0.007453
p1 3.359e-07 ± 3.133e-07
-33.5
-33.55
-33.6
-33.65
-33.7
-33.75
-33.8
-33.85
0
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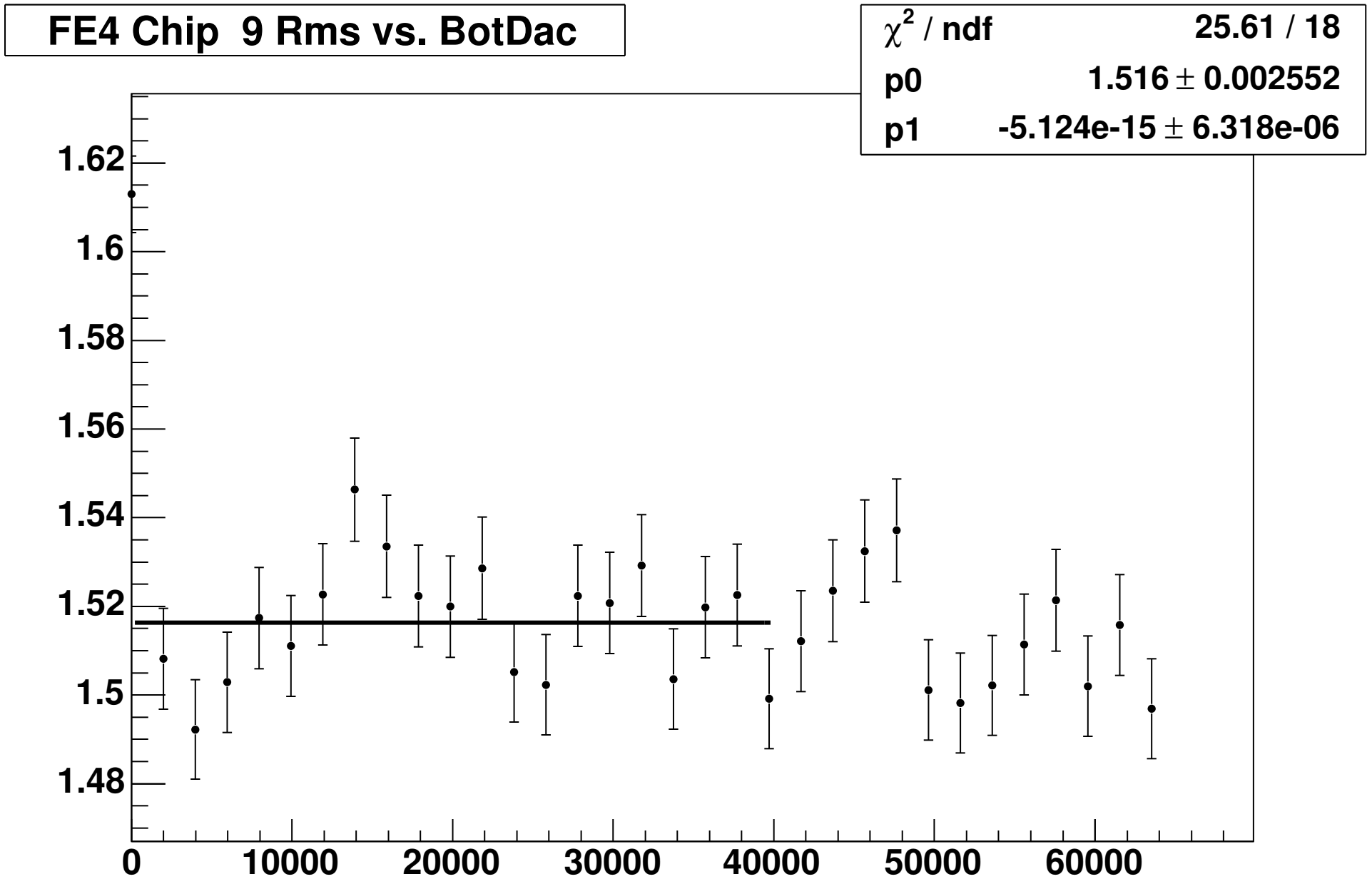
FE4 Chip 9 Rms vs. BotDac
χ² / ndf 25.61 / 18
p0 1.516 ± 0.002552
p1 -5.124e-15 ± 6.318e-06
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
0
10000
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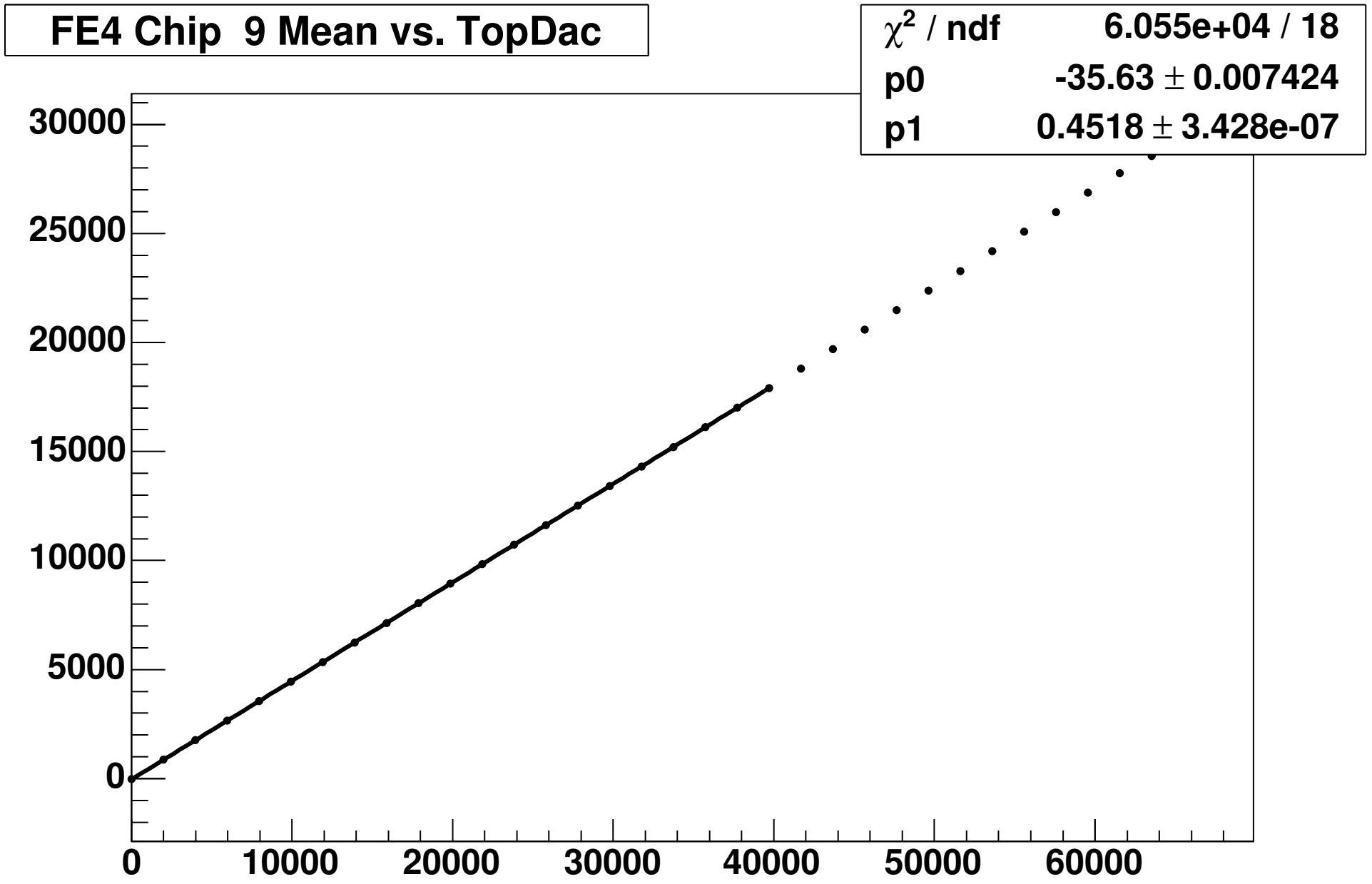
FE4 Chip 9 Mean vs. TopDac
χ² / ndf 6.055e+04 / 18
p0 -35.63 ± 0.007424
p1 0.4518 ± 3.428e-07
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5000
0
0
10000
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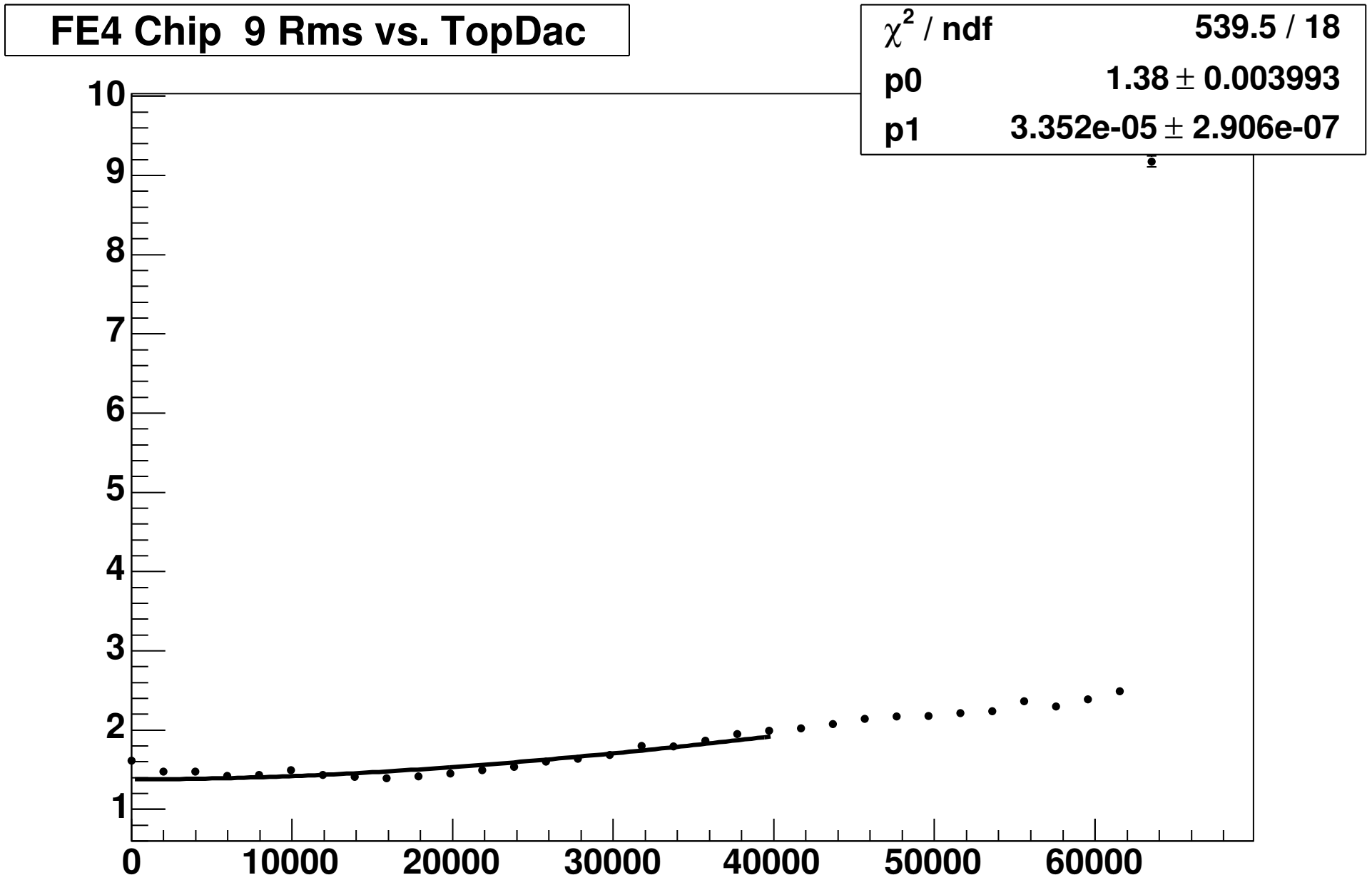
40000
50000
60000


FE4 Chip 9 Rms vs. TopDac
χ² / ndf 539.5 / 18
p0 1.38 ± 0.003993
p1 3.352e-05 ± 2.906e-07
10
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8
7
6
5
4
3
2
1
0
10000
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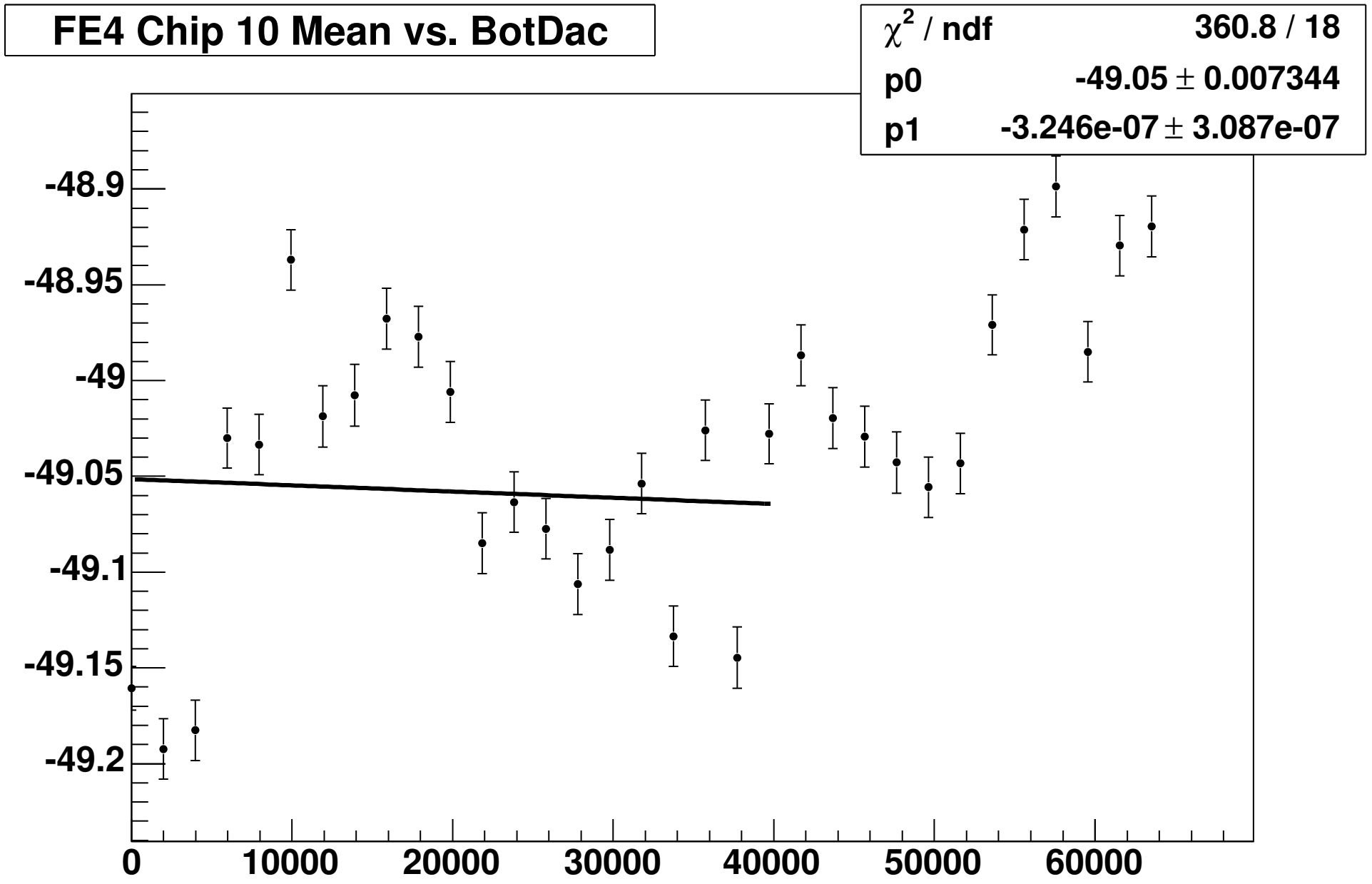
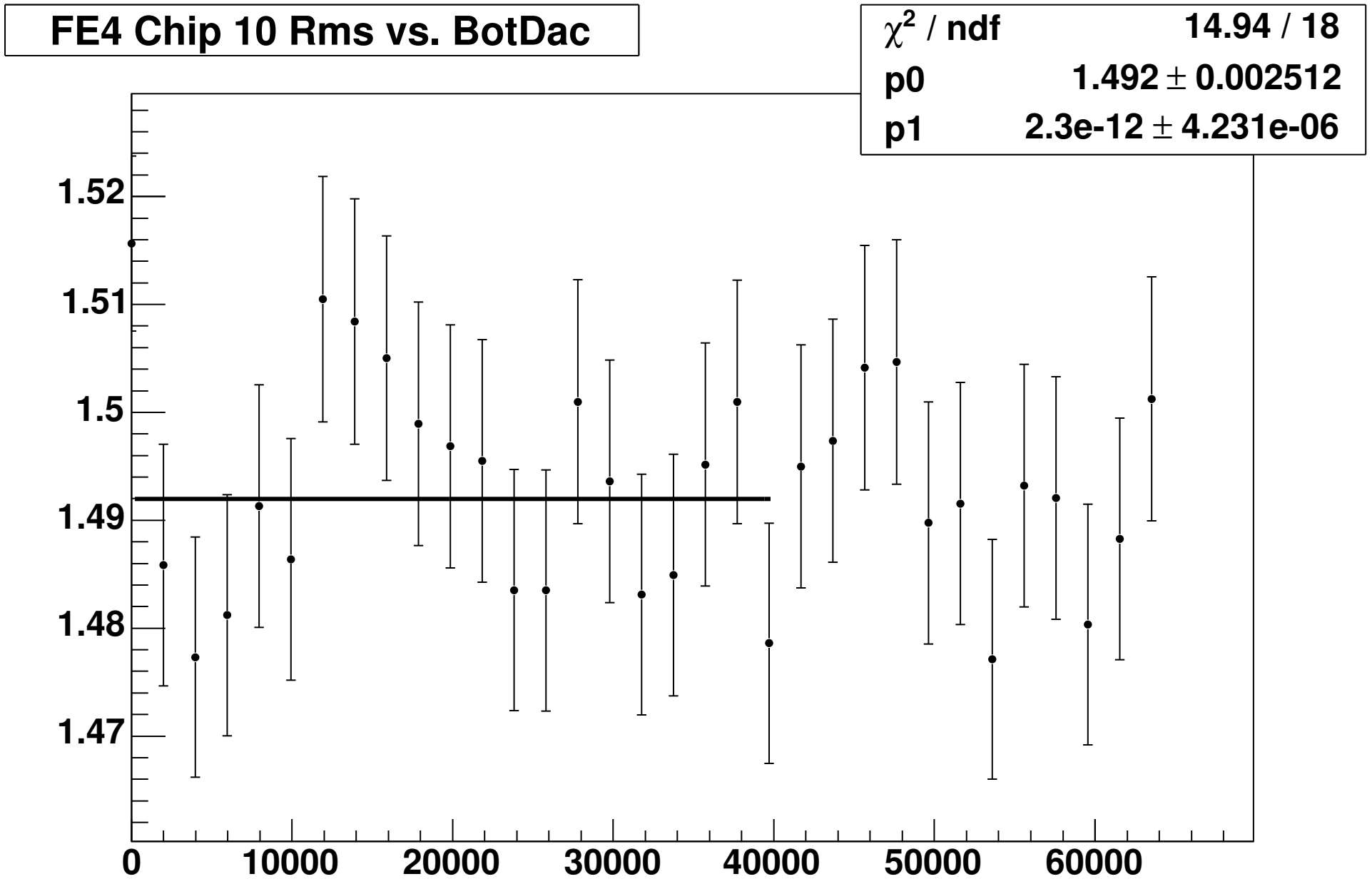
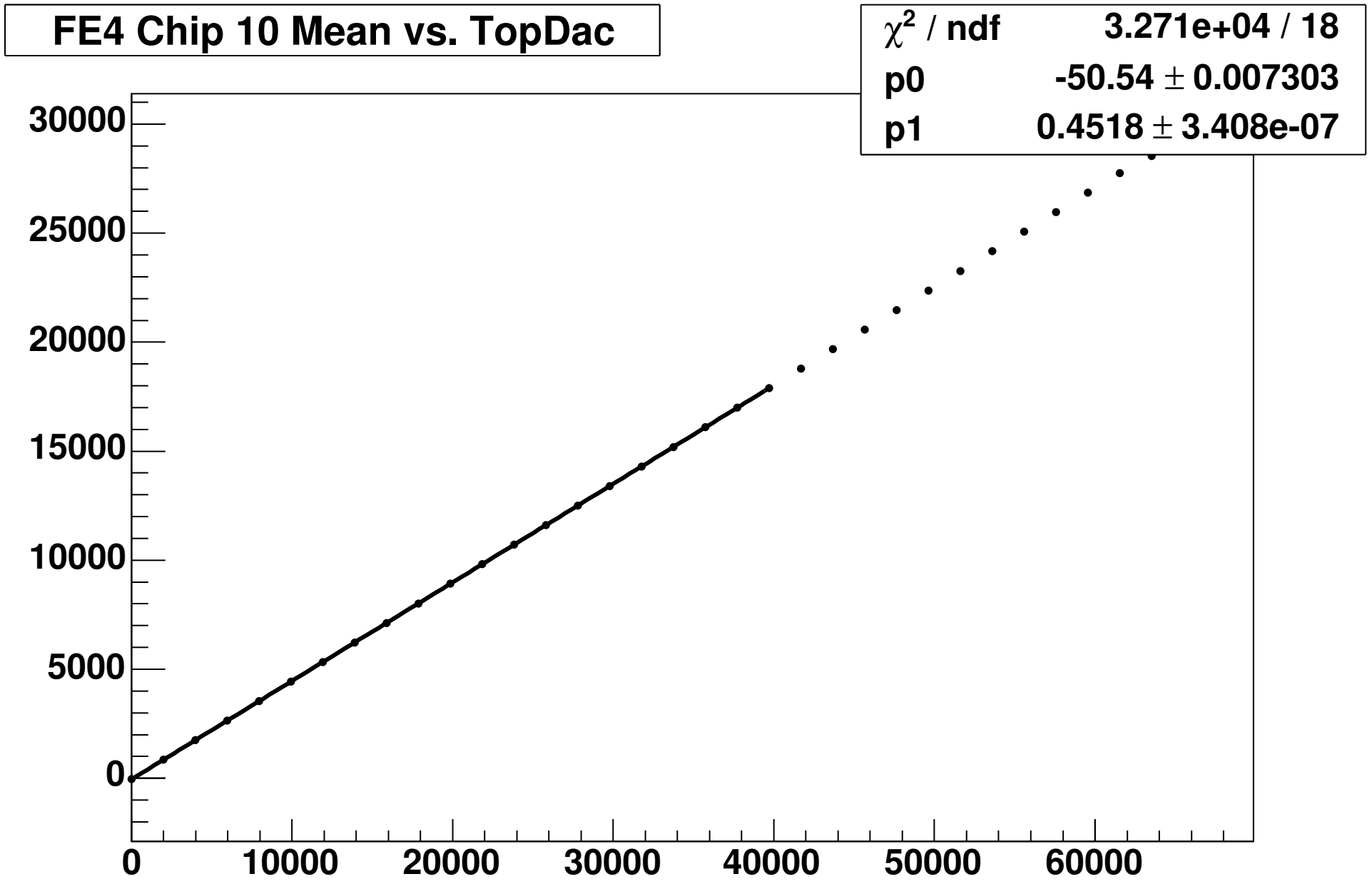
60000


FE4 Chip 10 Mean vs. BotDac
χ² / ndf 360.8 / 18
p0 -49.05 ± 0.007344
p1 -3.246e-07 ± 3.087e-07
-48.9
-48.95
-49
-49.05
-49.1
-49.15
-49.2
0
10000
20000
30000
40000
50000
60000


FE4 Chip 10 Rms vs. BotDac
χ² / ndf 14.94 / 18
p0 1.492 ± 0.002512
p1 2.3e-12 ± 4.231e-06
1.52
1.51
1.5
1.49
1.48
1.47
0
10000
20000
30000
40000
50000
60000


FE4 Chip 10 Mean vs. TopDac
χ² / ndf 3.271e+04 / 18
p0 -50.54 ± 0.007303
p1 0.4518 ± 3.408e-07
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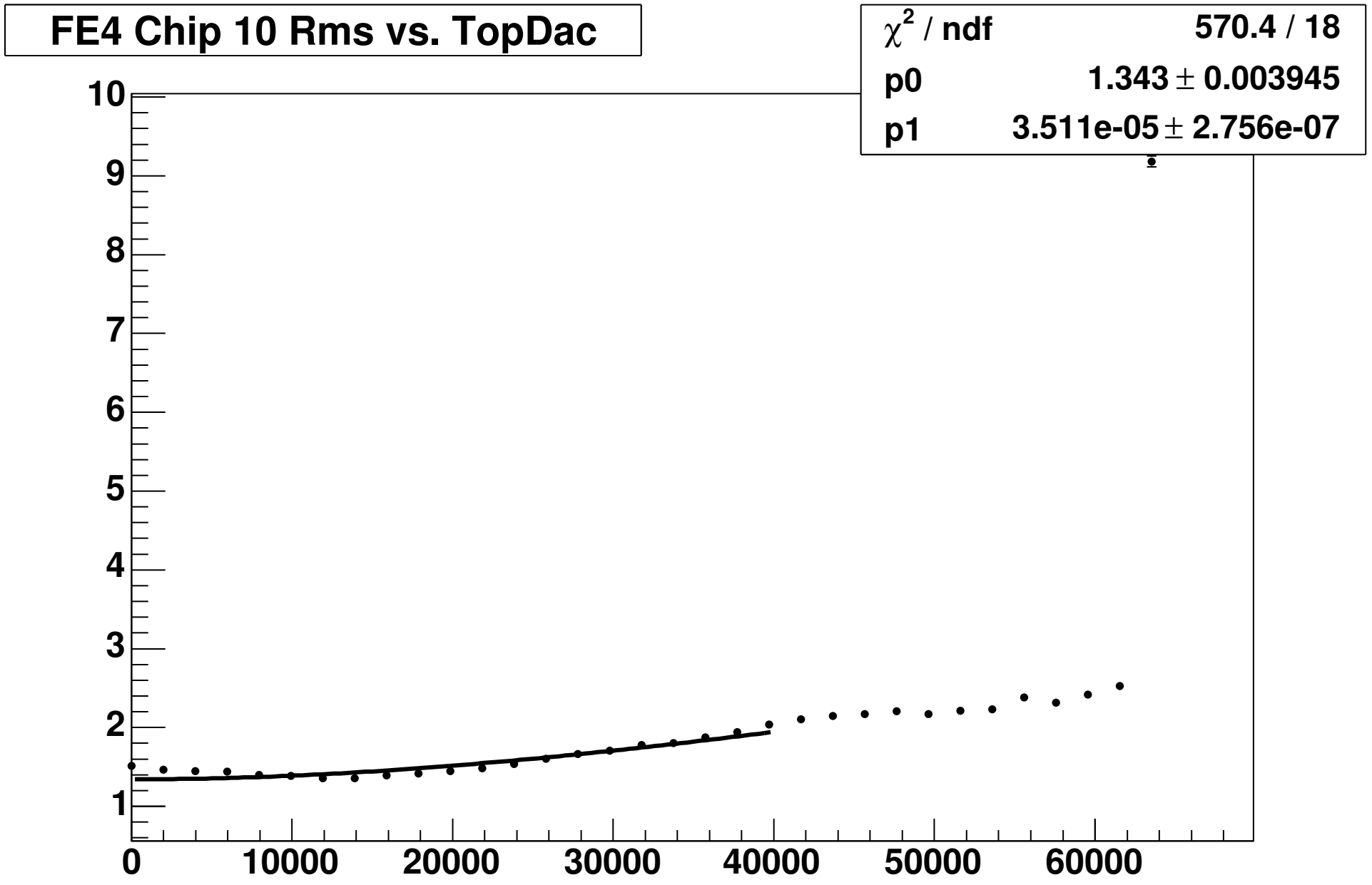
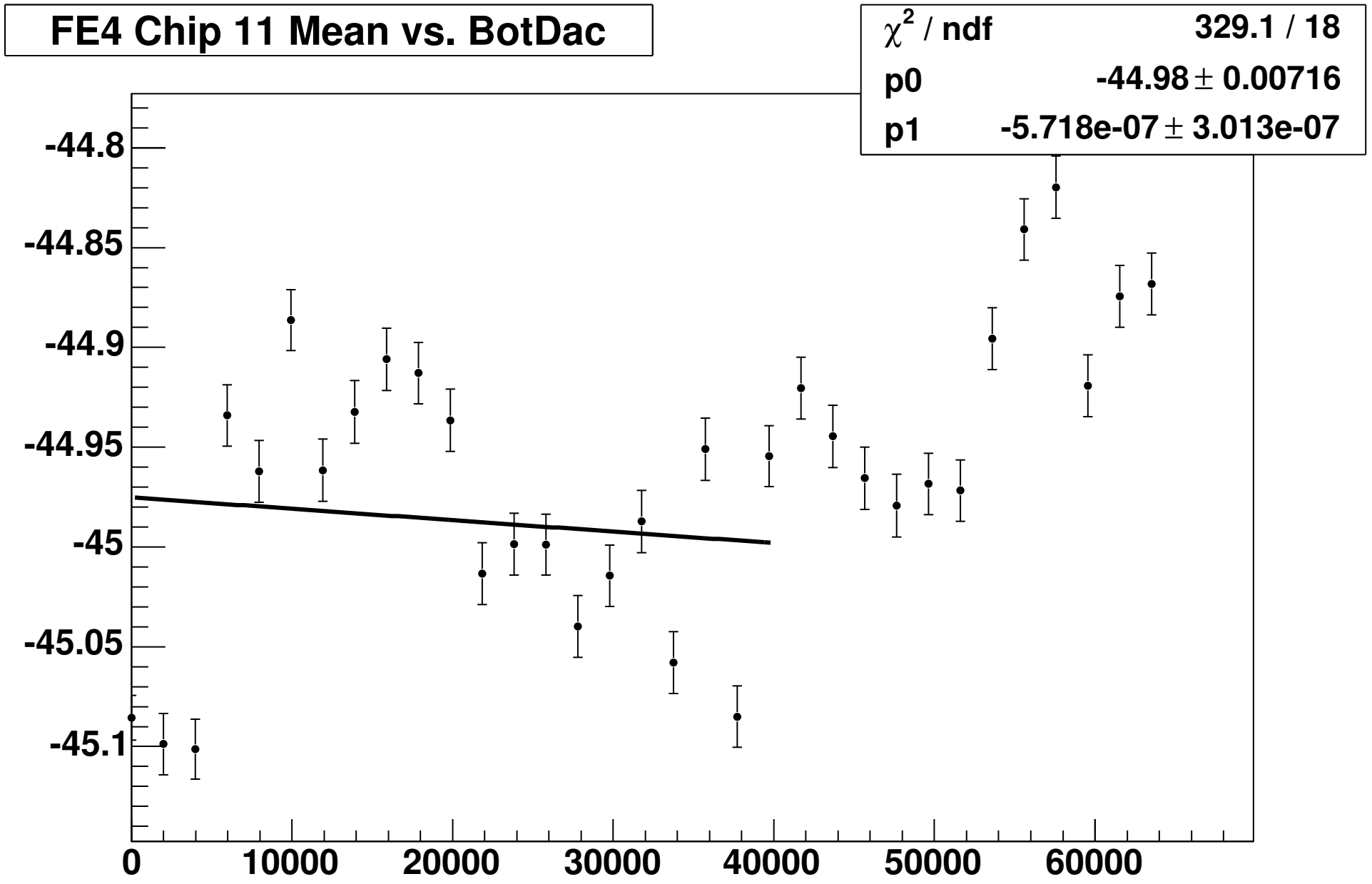
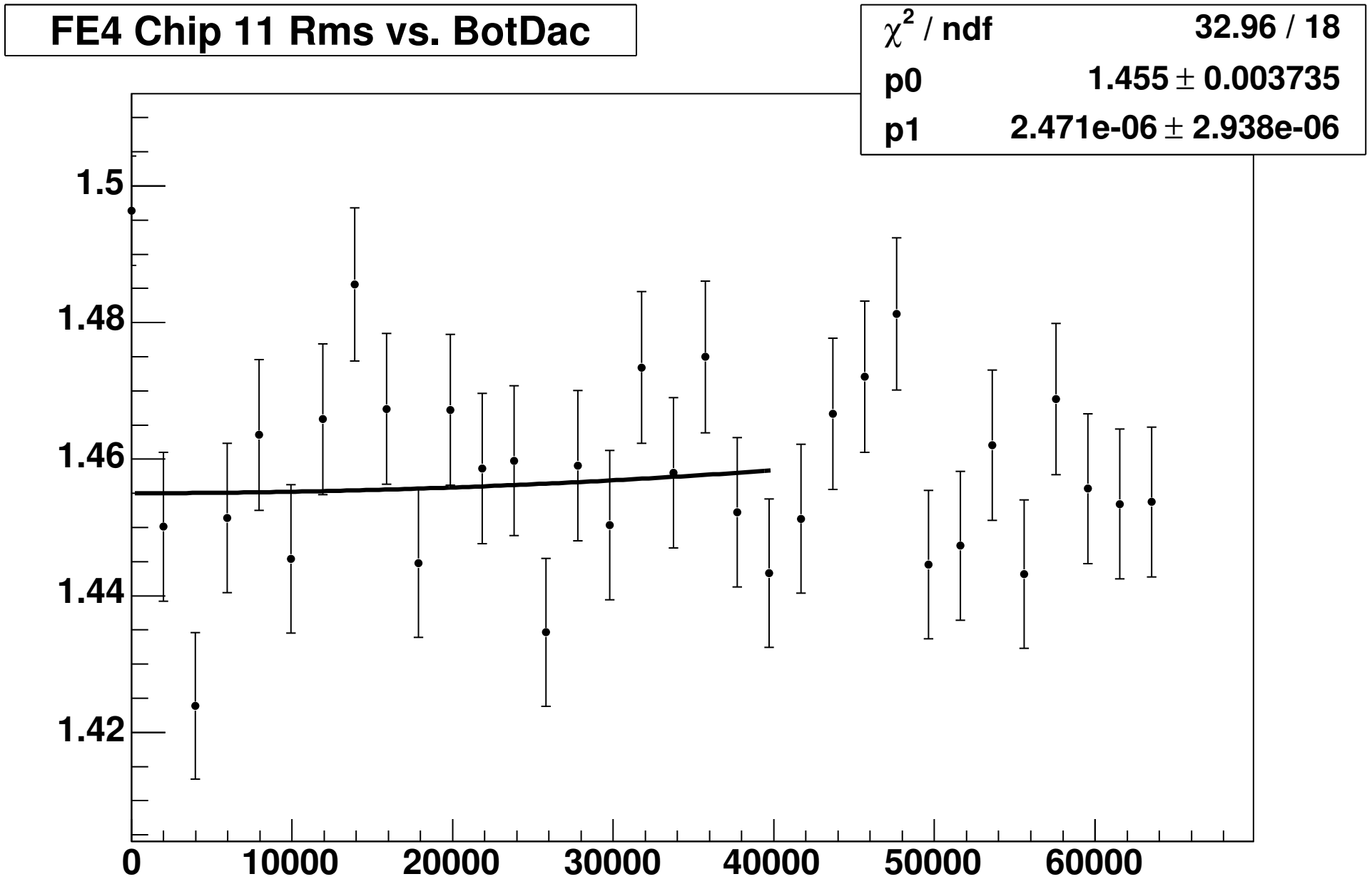
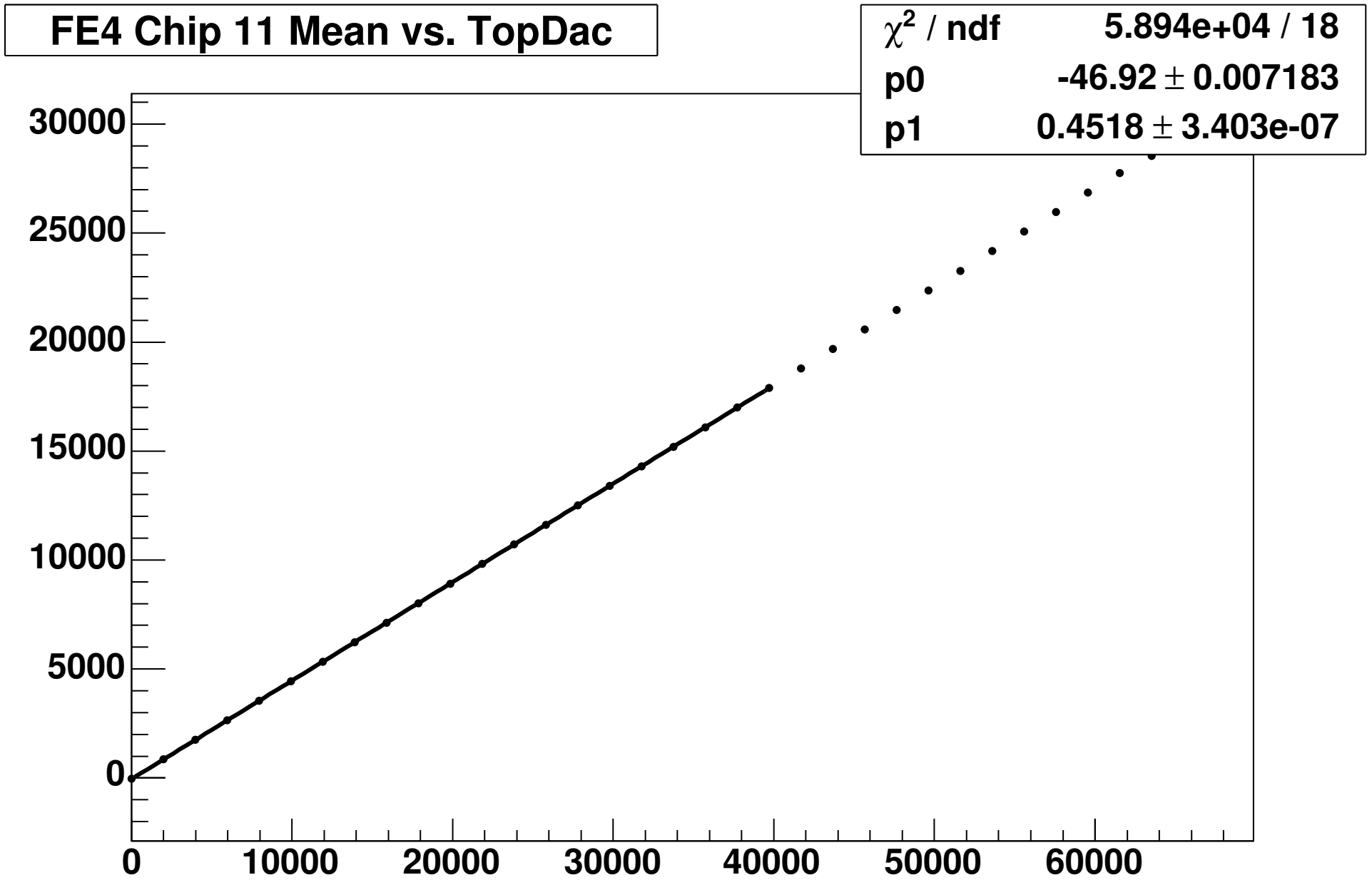
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 10 Rms vs. TopDac
χ² / ndf 570.4 / 18
p0 1.343 ± 0.003945
p1 3.511e-05 ± 2.756e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE4 Chip 11 Mean vs. BotDac
χ² / ndf 329.1 / 18
p0 -44.98 ± 0.00716
p1 -5.718e-07 ± 3.013e-07
-44.8
-44.85
-44.9
-44.95
-45
-45.05
-45.1
0
10000
20000
30000
40000
50000
60000


FE4 Chip 11 Rms vs. BotDac
χ² / ndf 32.96 / 18
p0 1.455 ± 0.003735
p1 2.471e-06 ± 2.938e-06
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000


FE4 Chip 11 Mean vs. TopDac
χ² / ndf 5.894e+04 / 18
p0 -46.92 ± 0.007183
p1 0.4518 ± 3.403e-07
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25000
20000
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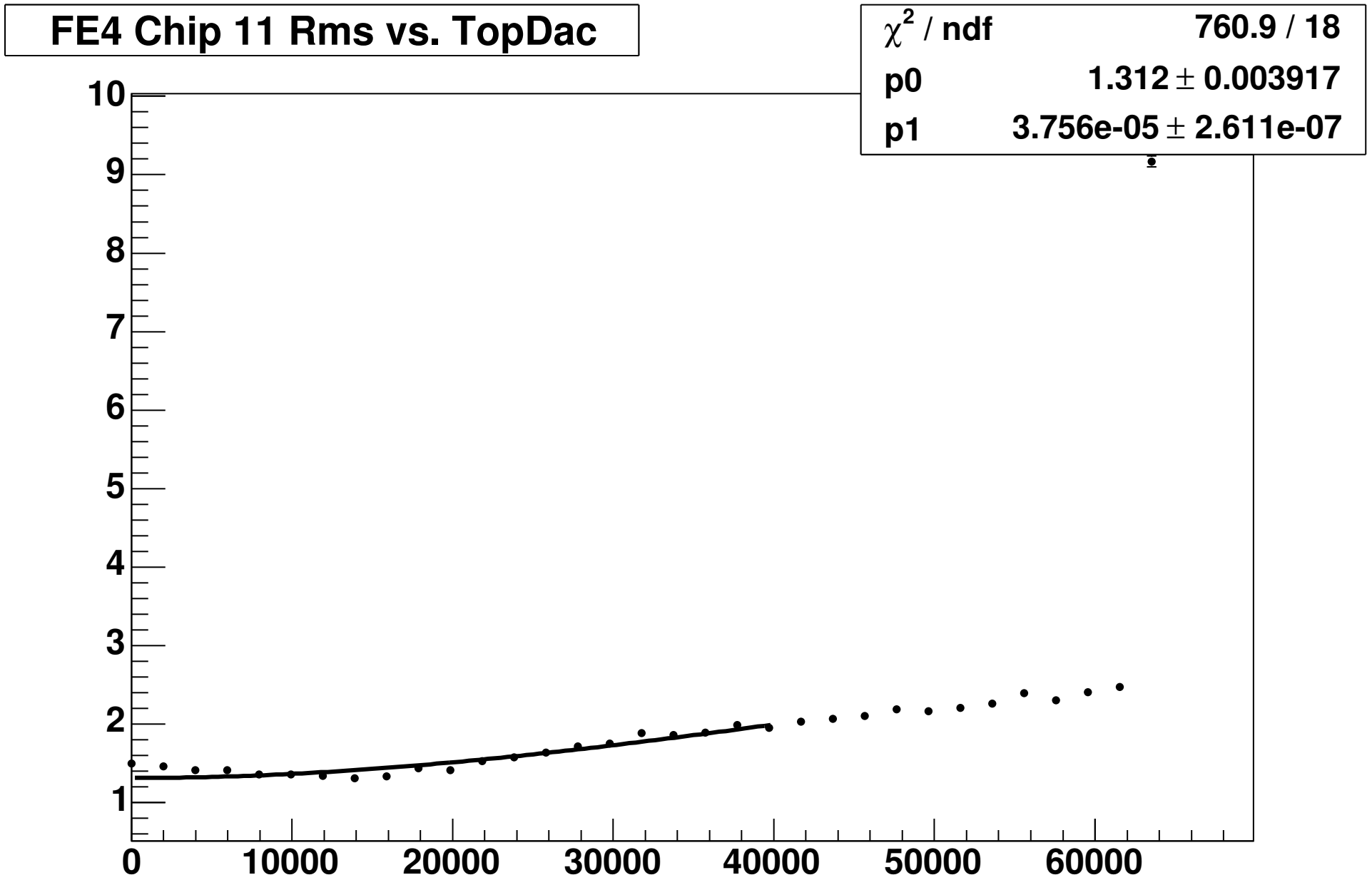
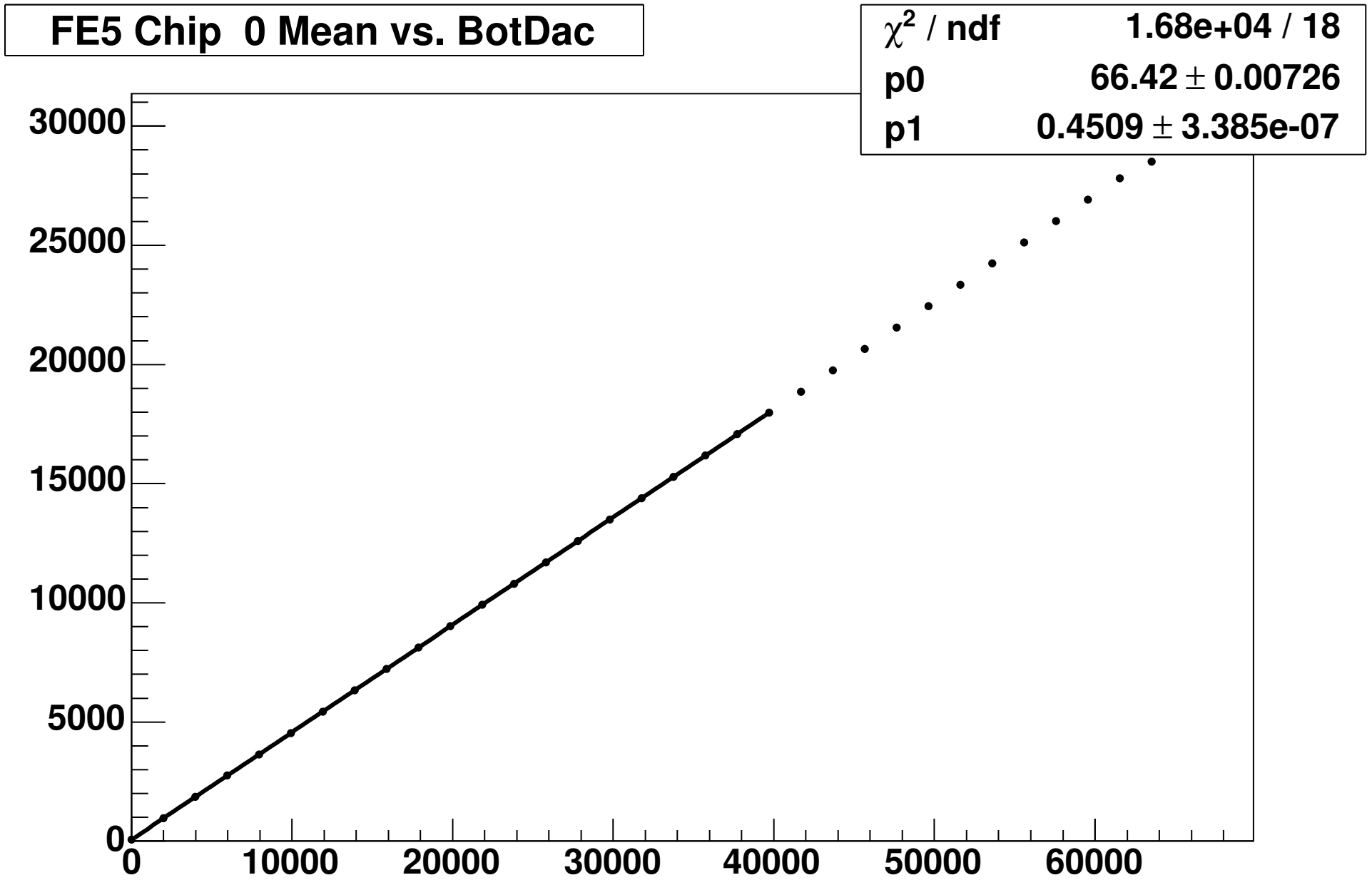
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 11 Rms vs. TopDac
χ² / ndf 760.9 / 18
p0 1.312 ± 0.003917
p1 3.756e-05 ± 2.611e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE5 Chip 0 Mean vs. BotDac
χ² / ndf 1.68e+04 / 18
p0 66.42 ± 0.00726
p1 0.4509 ± 3.385e-07
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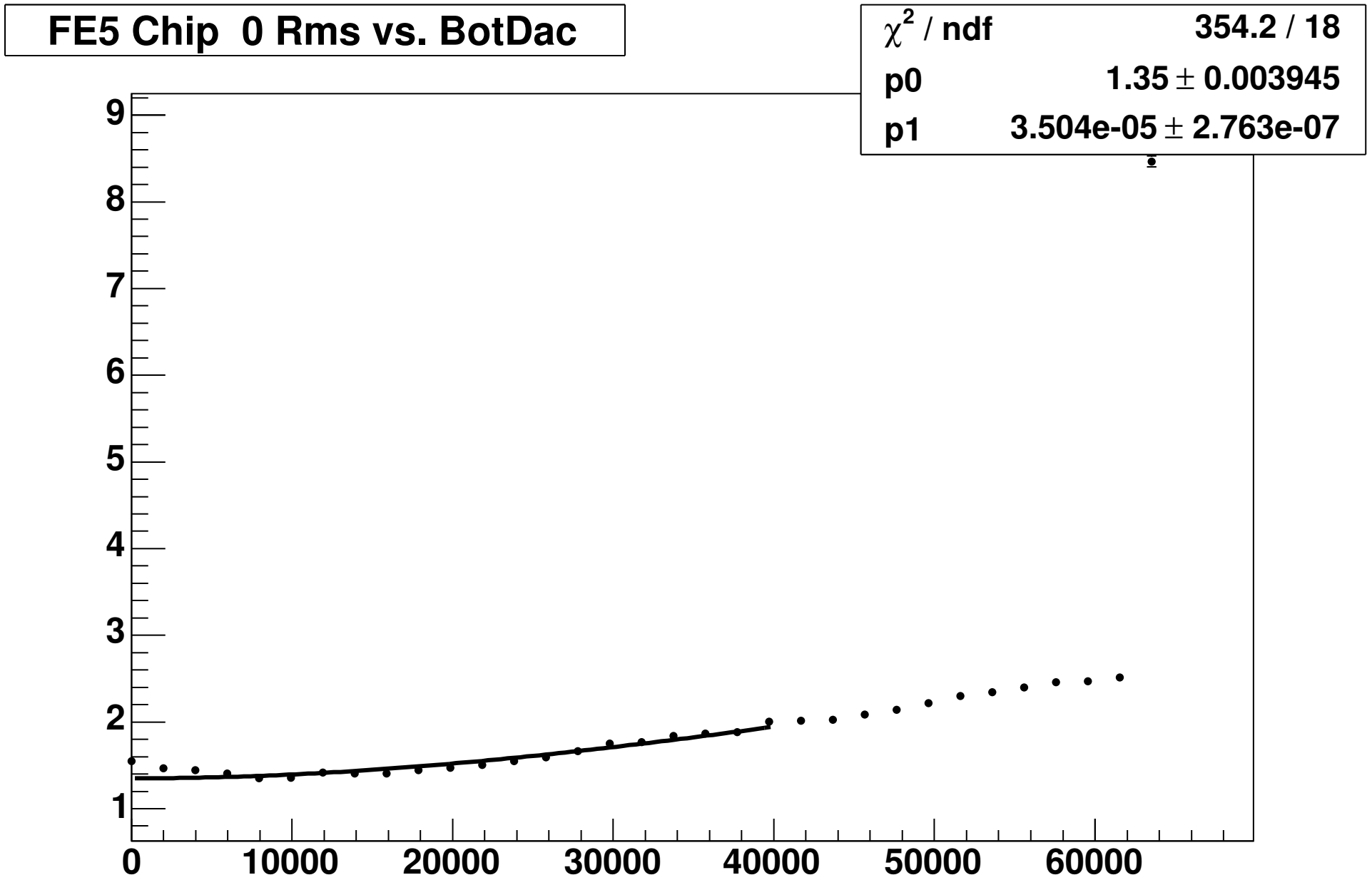
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 0 Rms vs. BotDac
χ² / ndf 354.2 / 18
p0 1.35 ± 0.003945
p1 3.504e-05 ± 2.763e-07
9
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7
6
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4
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40000
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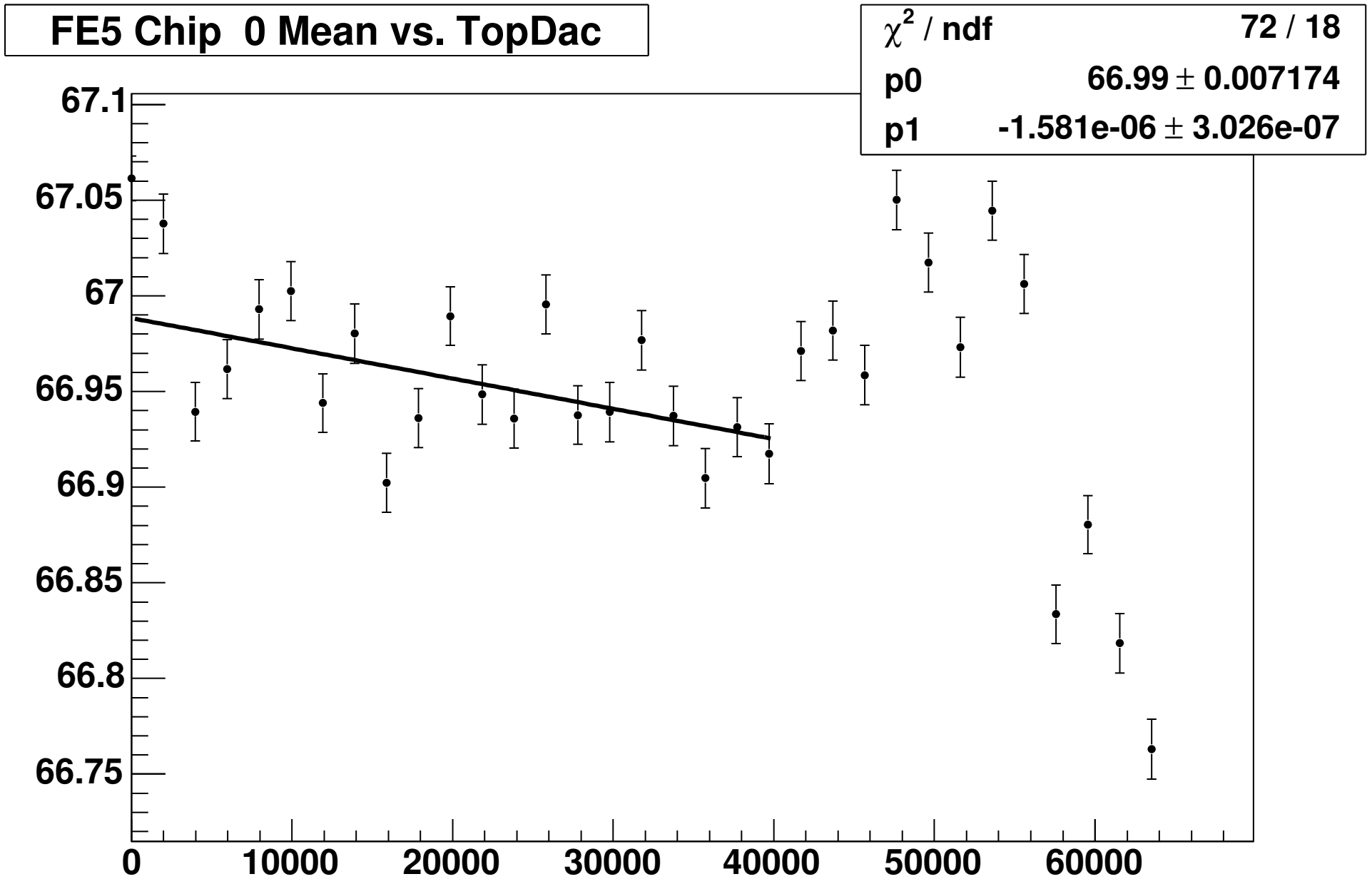
60000


FE5 Chip 0 Mean vs. TopDac
χ² / ndf 72 / 18
p0 66.99 ± 0.007174
p1 -1.581e-06 ± 3.026e-07
67.1
67.05
67
66.95
66.9
66.85
66.8
66.75
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10000
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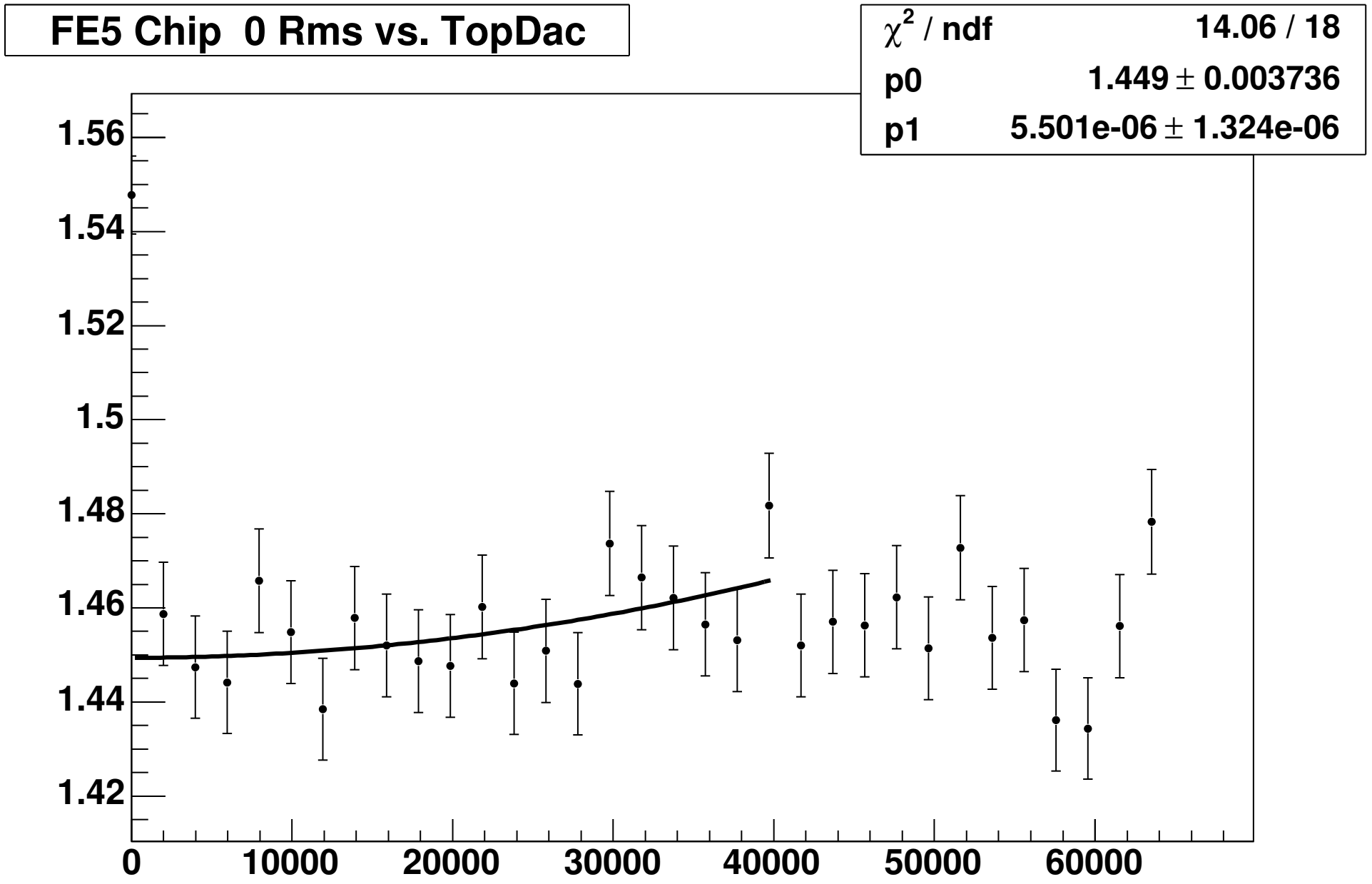
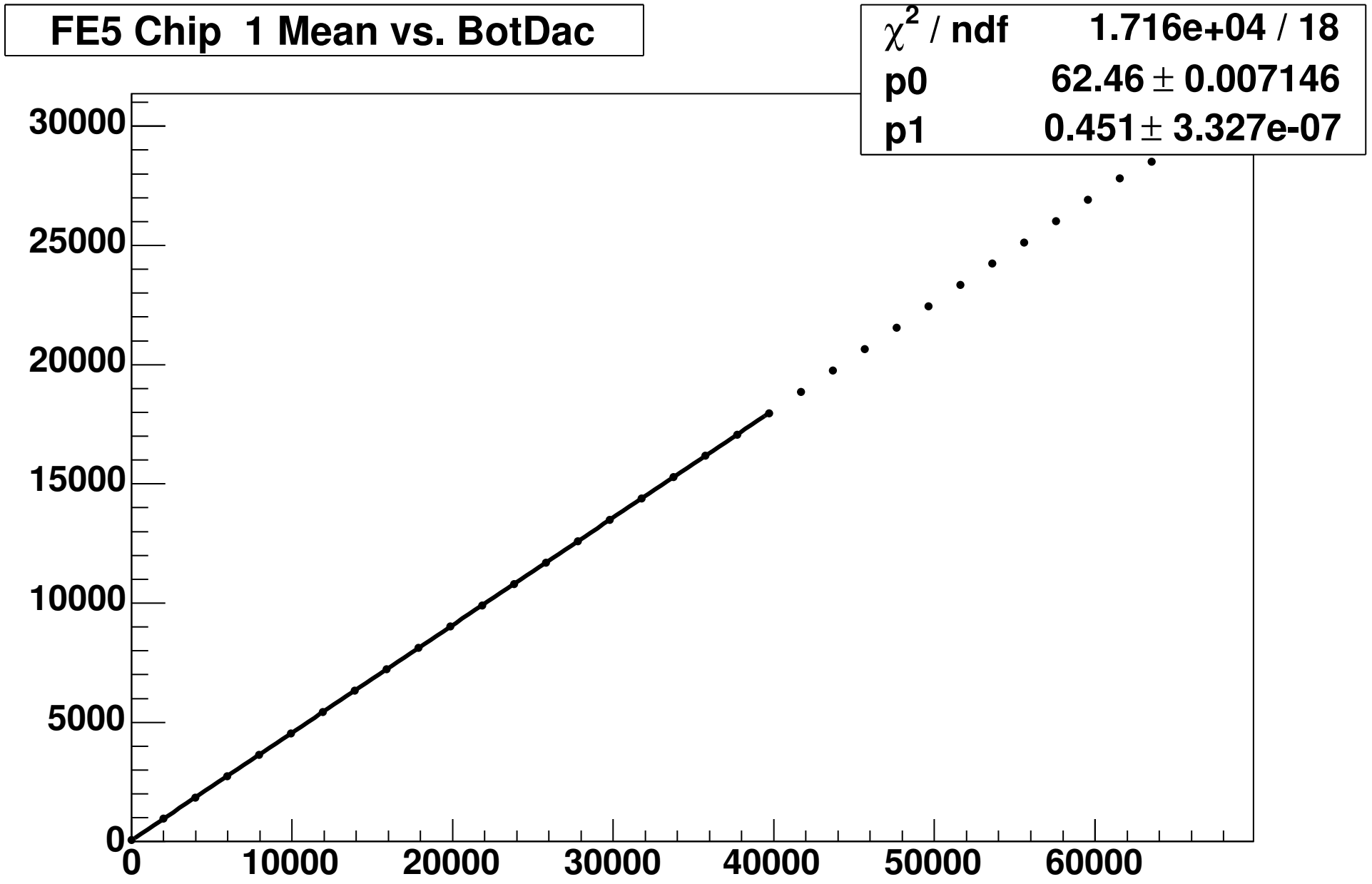

FE5 Chip 0 Rms vs. TopDac
χ² / ndf 14.06 / 18
p0 1.449 ± 0.003736
p1 5.501e-06 ± 1.324e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000


FE5 Chip 1 Mean vs. BotDac
χ² / ndf 1.716e+04 / 18
p0 62.46 ± 0.007146
p1 0.451 ± 3.327e-07
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25000
20000
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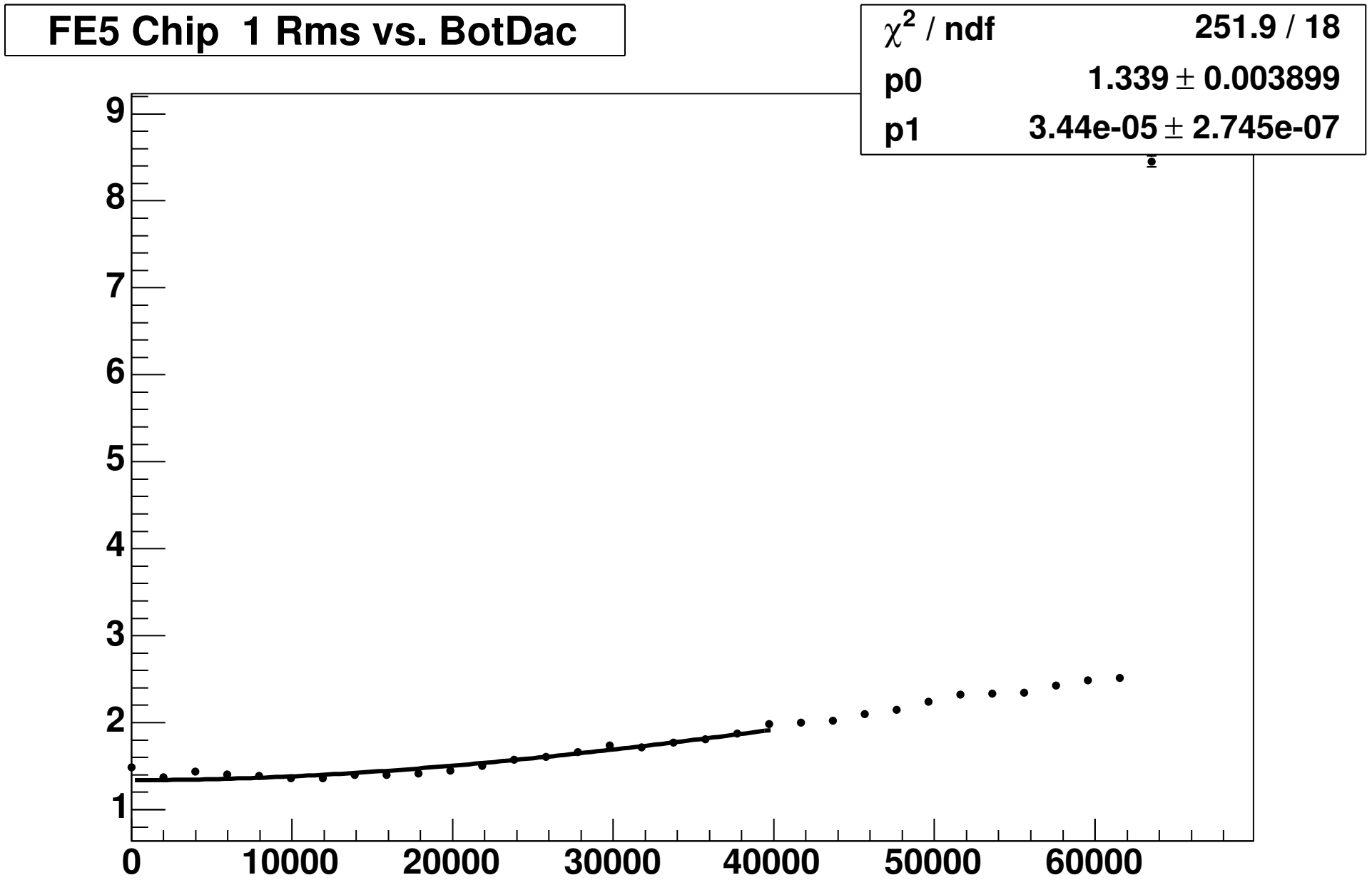
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 1 Rms vs. BotDac
χ² / ndf 251.9 / 18
p0 1.339 ± 0.003899
p1 3.44e-05 ± 2.745e-07
9
8
7
6
5
4
3
2
1
0
10000
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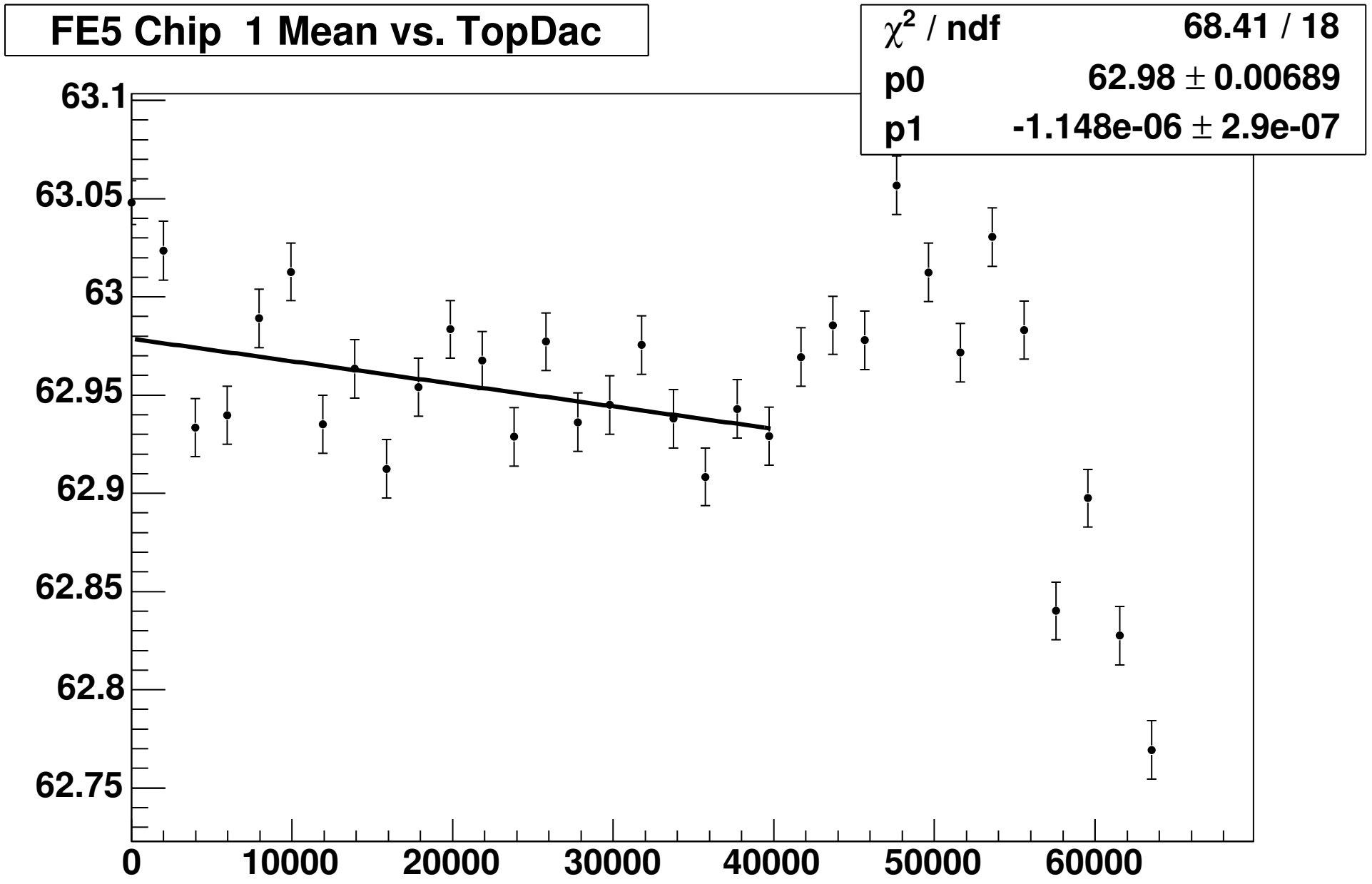
40000
50000
60000


FE5 Chip 1 Mean vs. TopDac
χ² / ndf 68.41 / 18
p0 62.98 ± 0.00689
p1 -1.148e-06 ± 2.9e-07
63.1
63.05
63
62.95
62.9
62.85
62.8
62.75
0
10000
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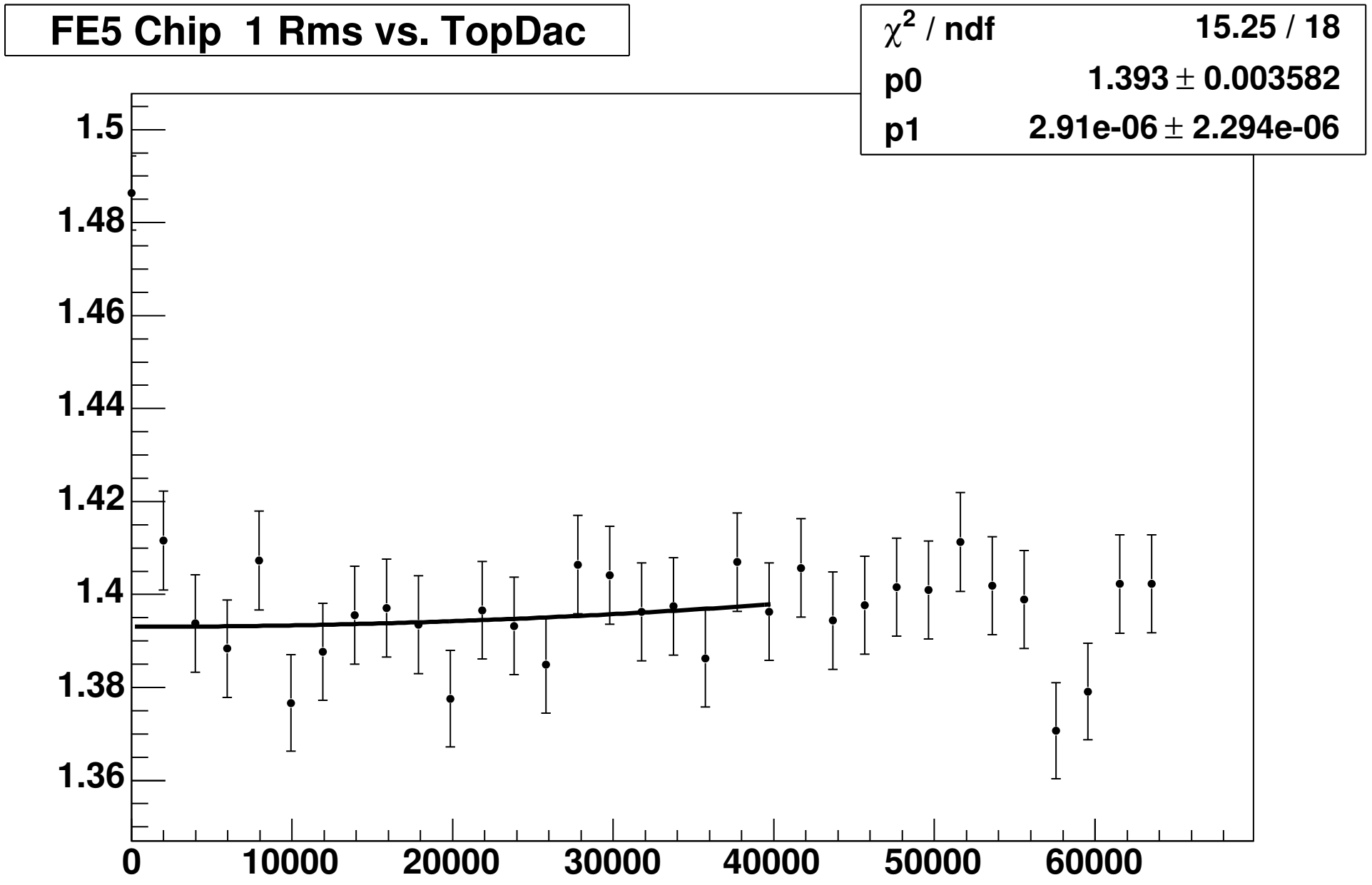
40000
50000
60000


FE5 Chip 1 Rms vs. TopDac
χ² / ndf 15.25 / 18
p0 1.393 ± 0.003582
p1 2.91e-06 ± 2.294e-06
1.5
1.48
1.46
1.44
1.42
1.4
1.38
1.36
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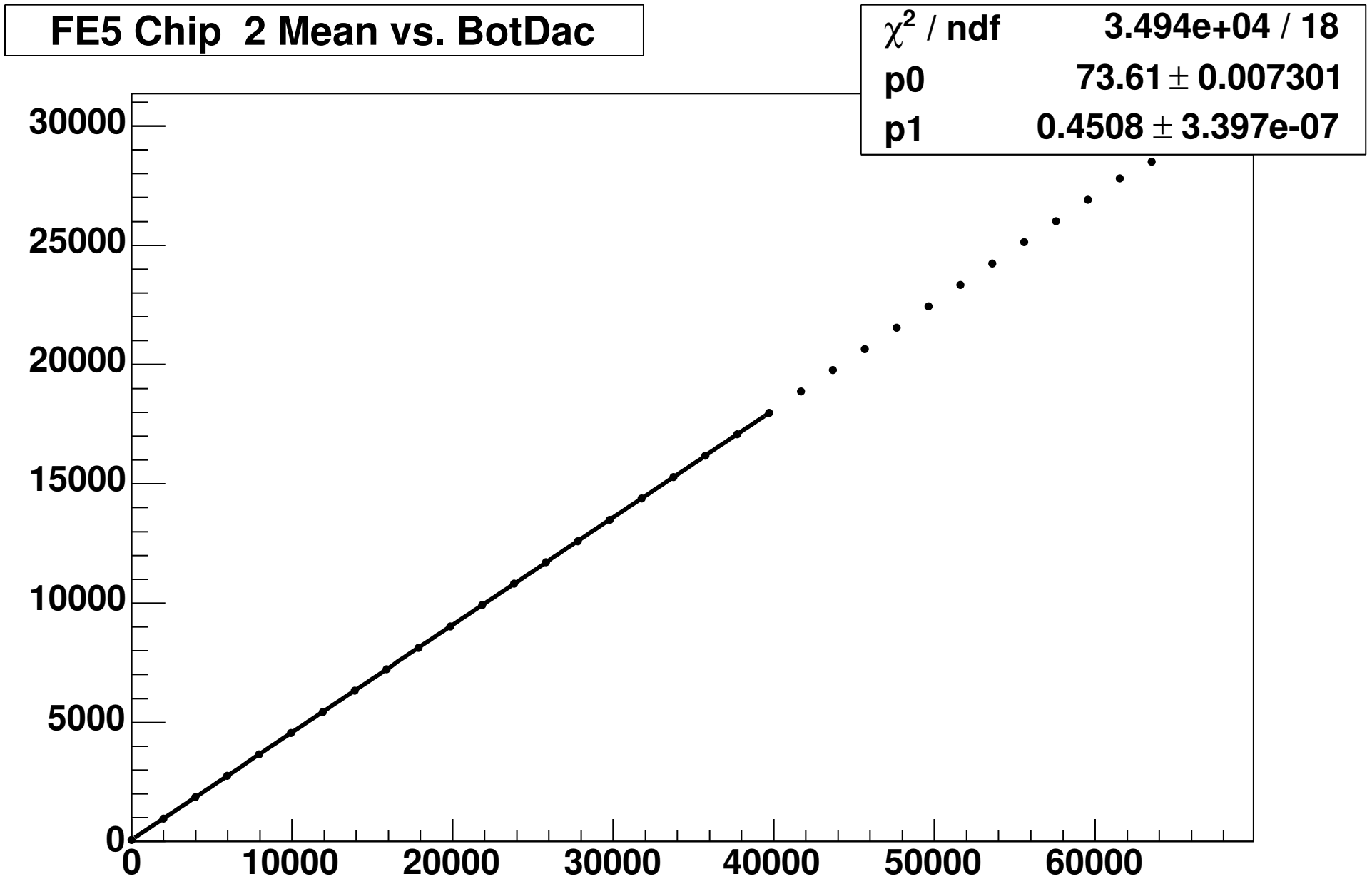
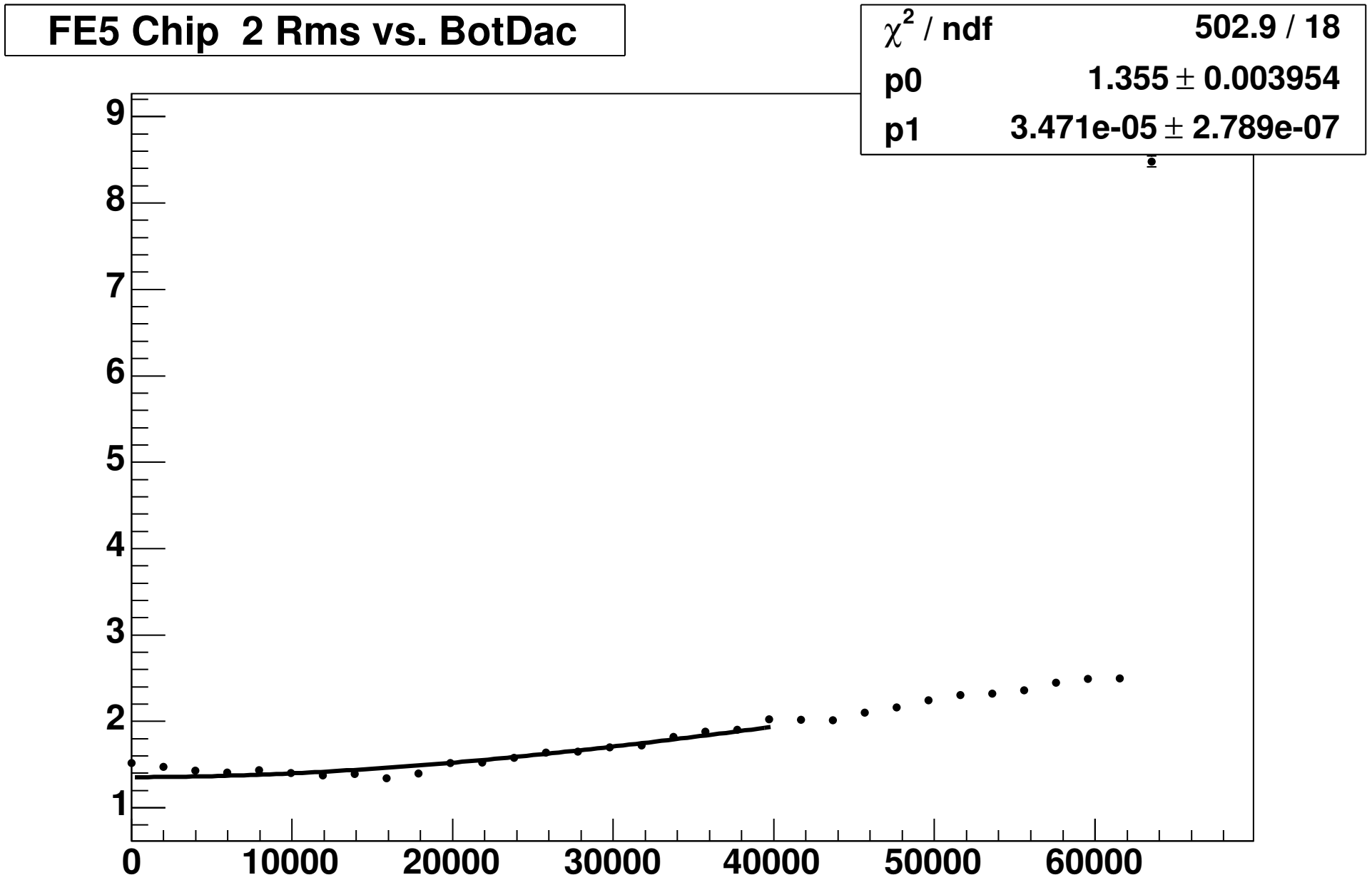
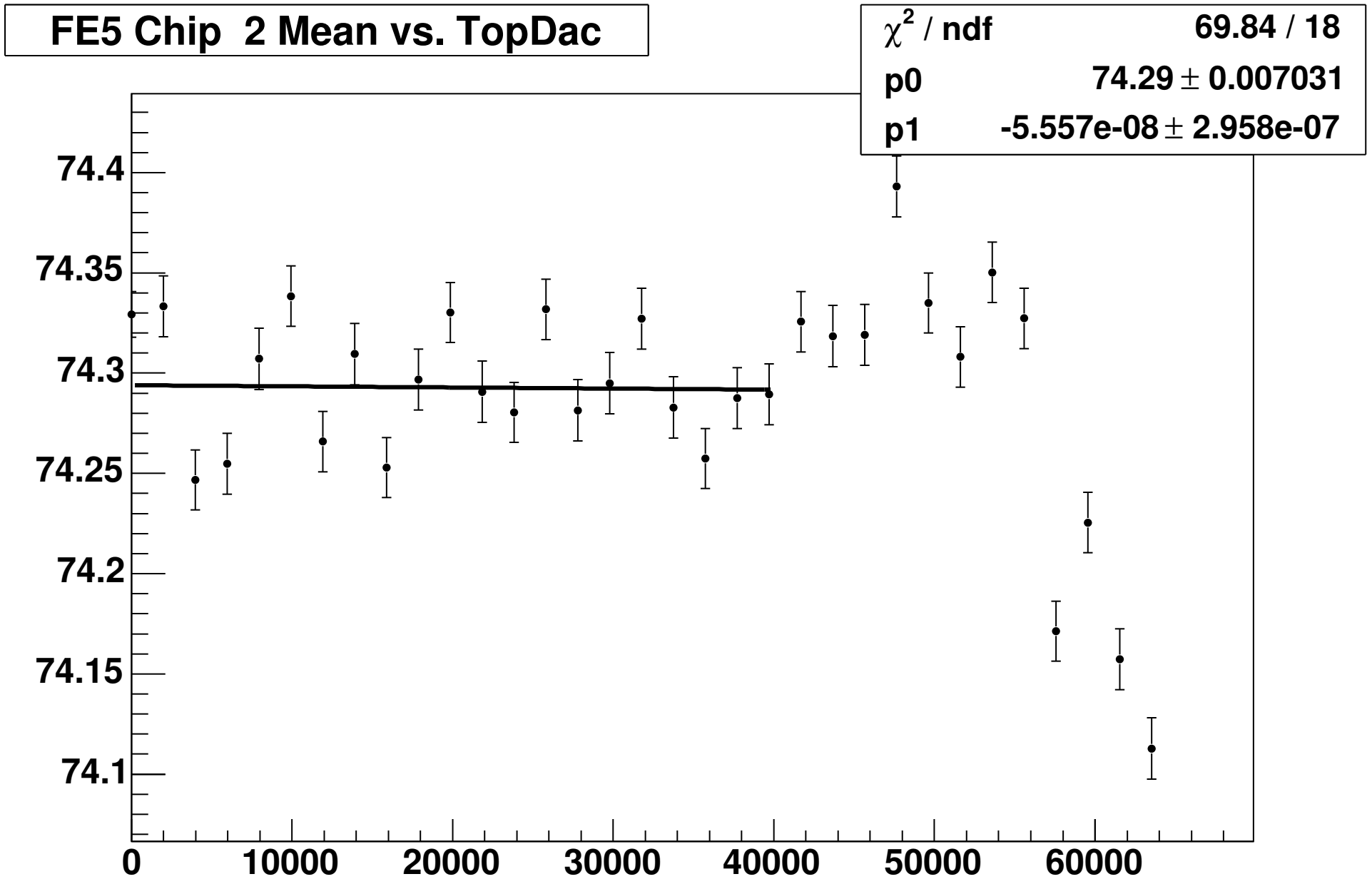
10000
20000
30000
40000
50000
60000


FE5 Chip 2 Mean vs. BotDac
χ² / ndf 3.494e+04 / 18
p0 73.61 ± 0.007301
p1 0.4508 ± 3.397e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 2 Rms vs. BotDac
χ² / ndf 502.9 / 18
p0 1.355 ± 0.003954
p1 3.471e-05 ± 2.789e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE5 Chip 2 Mean vs. TopDac
χ^2 / ndf 69.84 / 18
p0 74.29 ± 0.007031
p1 -5.557e-08 ± 2.958e-07
74.4
74.35
74.3
74.25
74.2
74.15
74.1
0
10000
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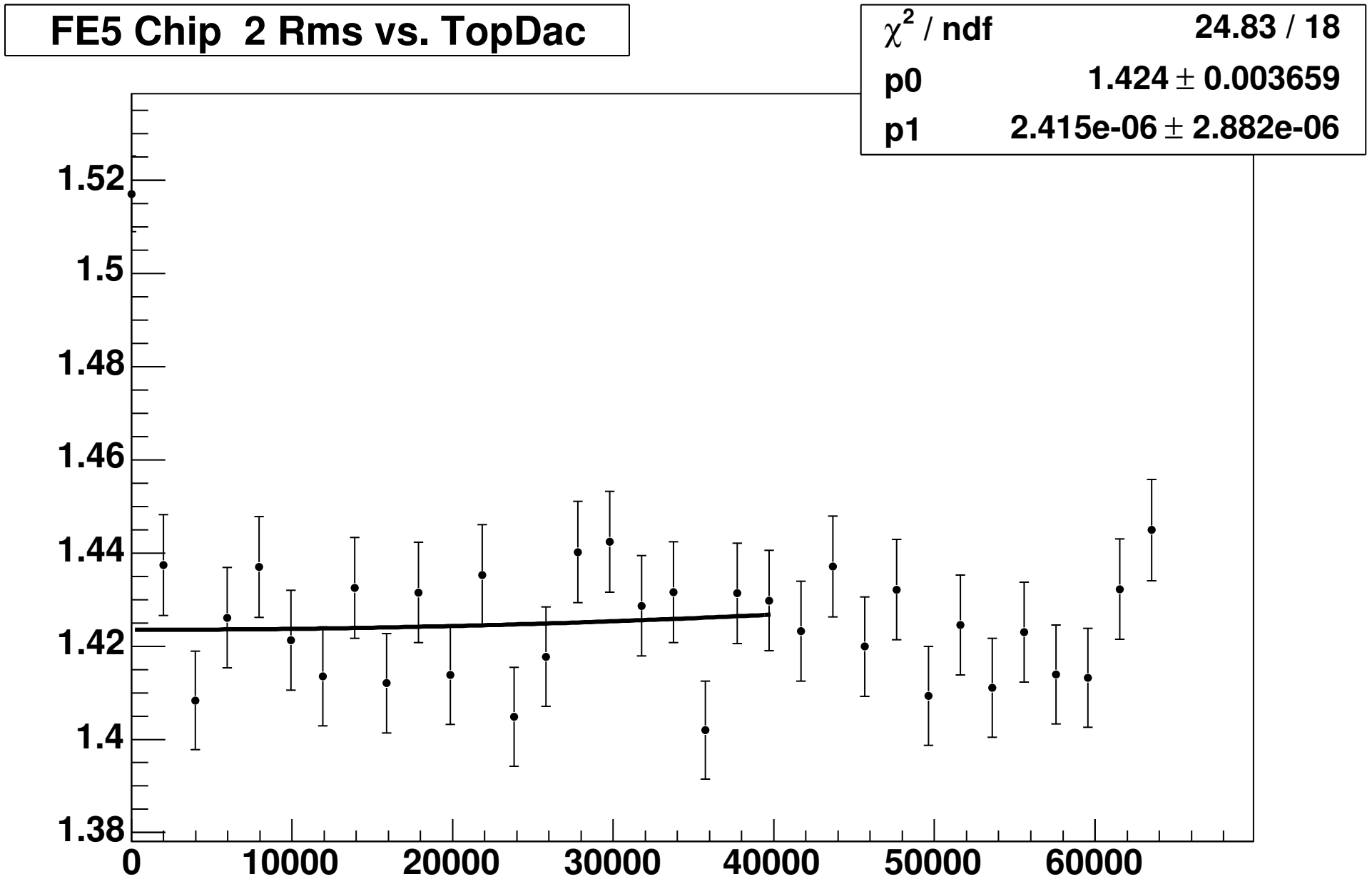
FE5 Chip 2 Rms vs. TopDac
χ² / ndf 24.83 / 18
p0 1.424 ± 0.003659
p1 2.415e-06 ± 2.882e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
0
10000
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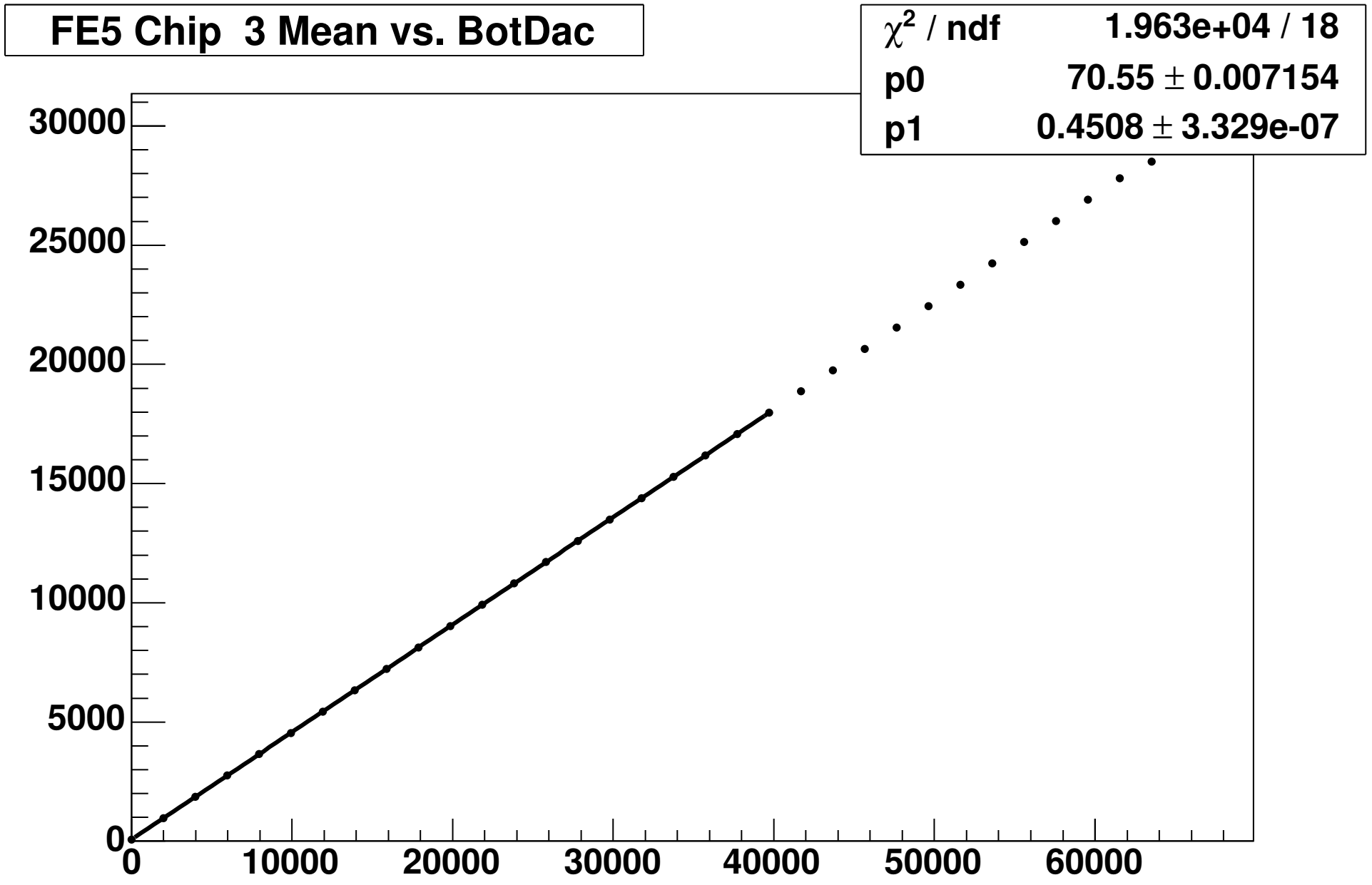
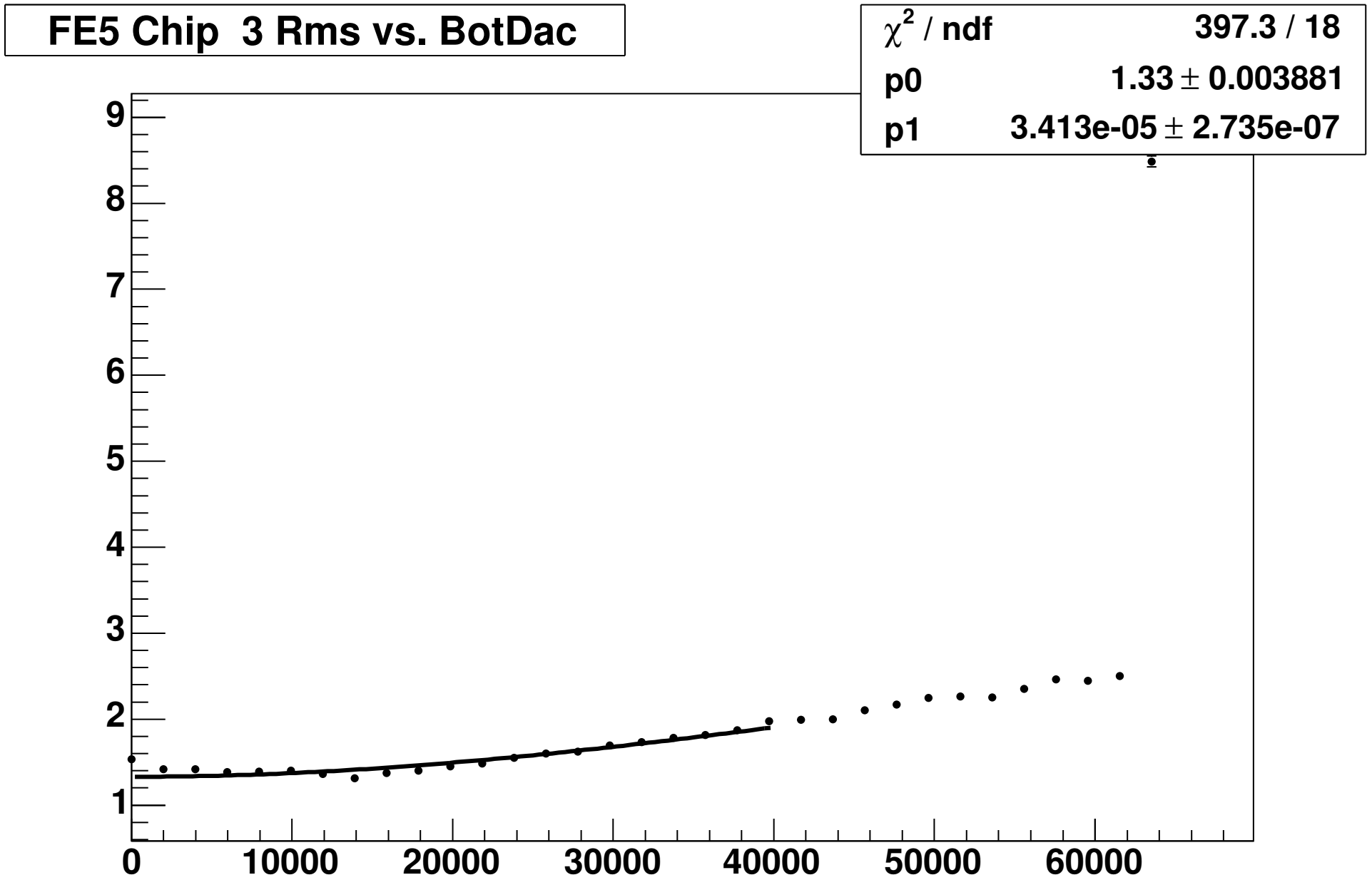

FE5 Chip 3 Mean vs. BotDac
χ² / ndf 1.963e+04 / 18
p0 70.55 ± 0.007154
p1 0.4508 ± 3.329e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 3 Rms vs. BotDac
χ² / ndf 397.3 / 18
p0 1.33 ± 0.003881
p1 3.413e-05 ± 2.735e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
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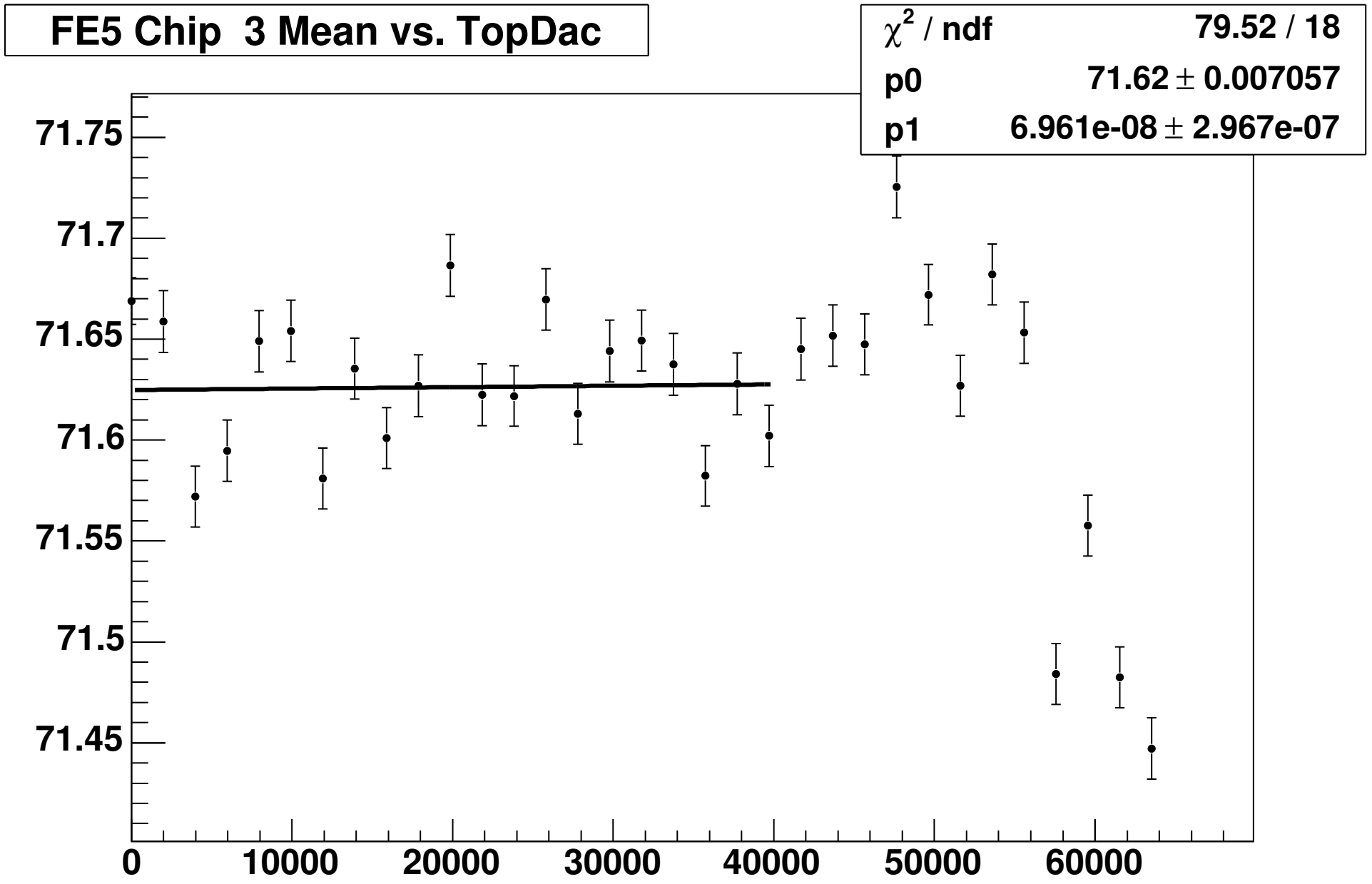
FE5 Chip 3 Mean vs. TopDac
χ² / ndf 79.52 / 18
p0 71.62 ± 0.007057
p1 6.961e-08 ± 2.967e-07
71.75
71.7
71.65
71.6
71.55
71.5
71.45
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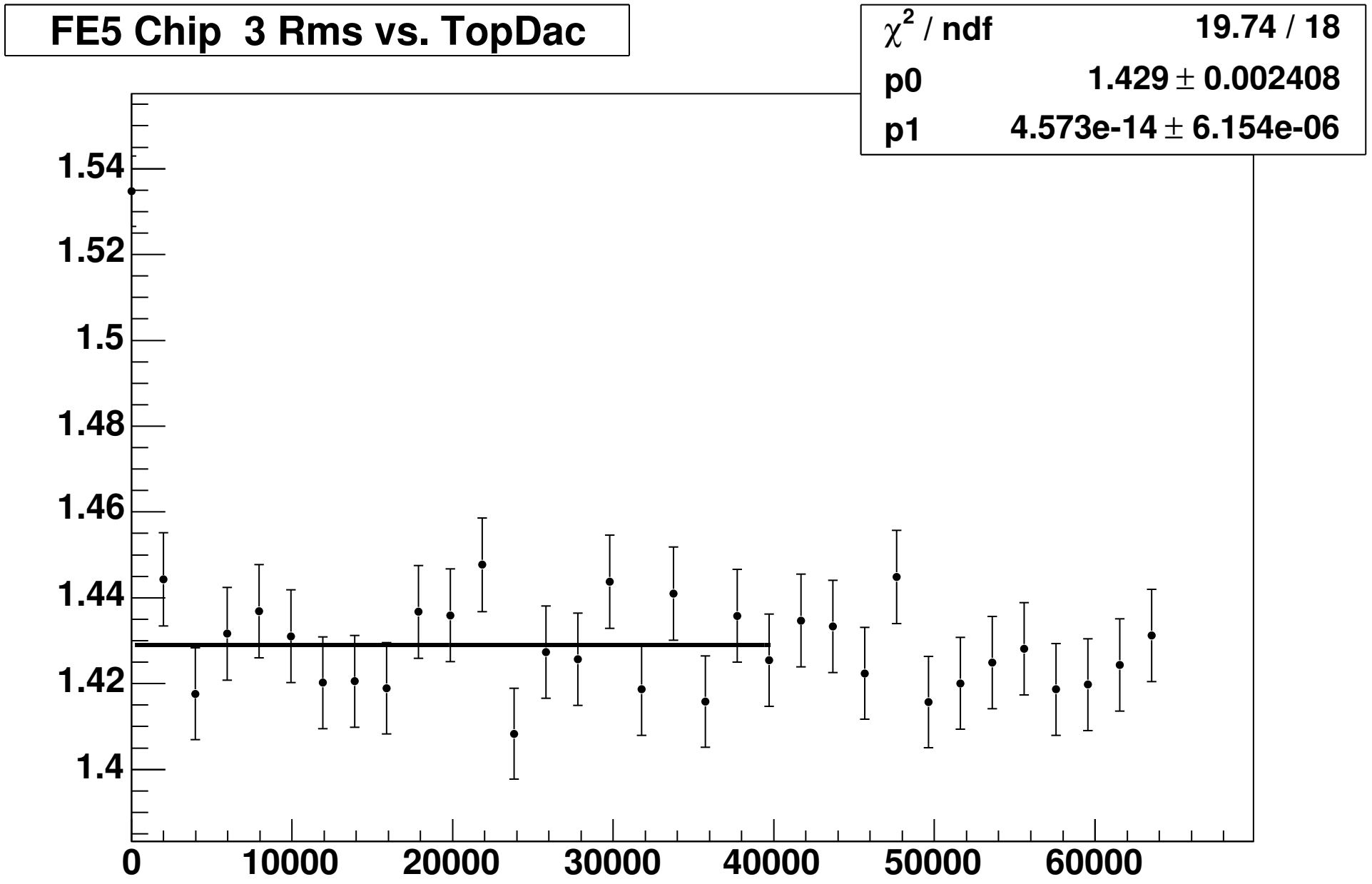
FE5 Chip 3 Rms vs. TopDac
χ² / ndf 19.74 / 18
p0 1.429 ± 0.002408
p1 4.573e-14 ± 6.154e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
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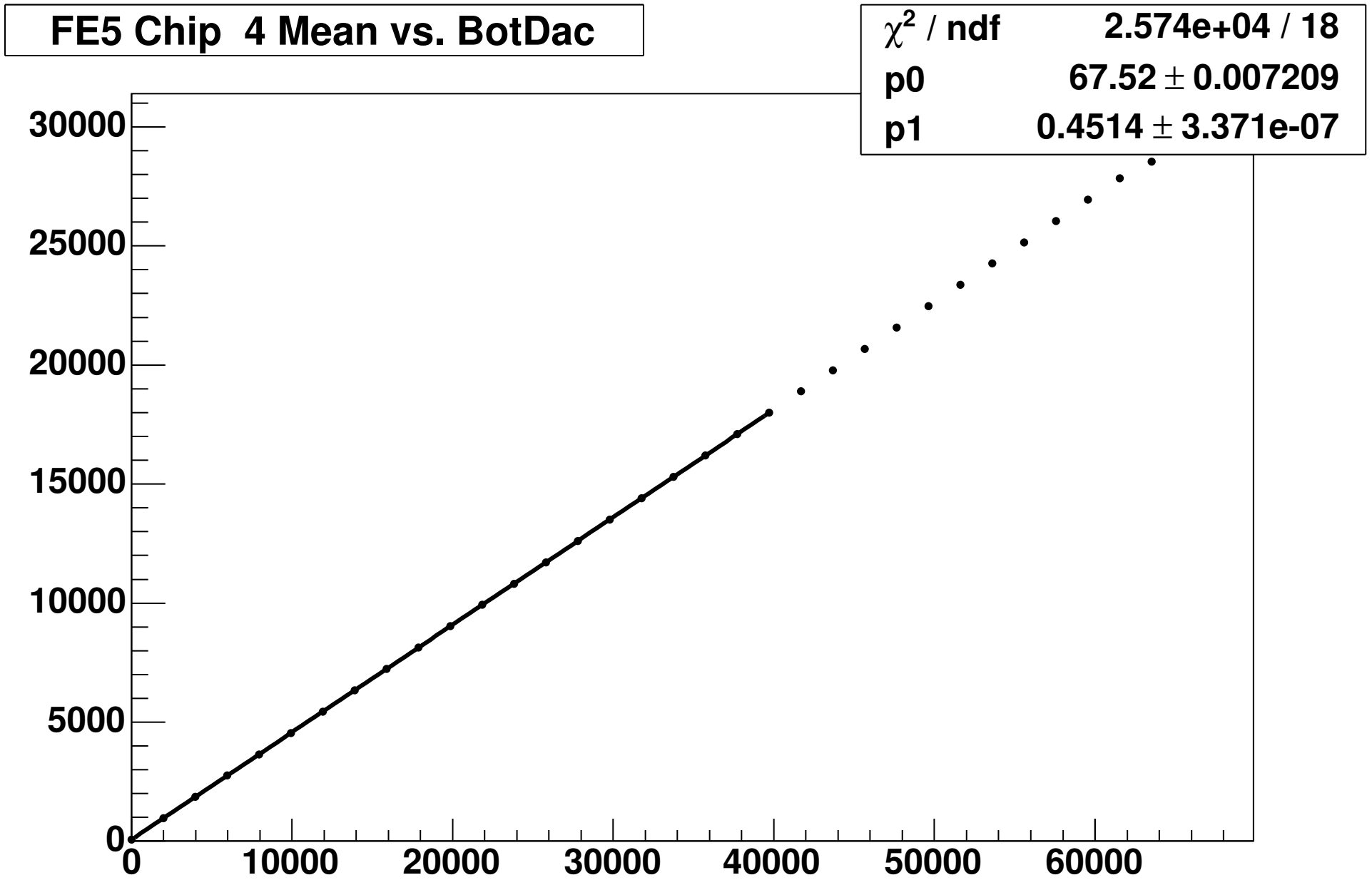
FE5 Chip 4 Mean vs. BotDac
χ² / ndf 2.574e+04 / 18
p0 67.52 ± 0.007209
p1 0.4514 ± 3.371e-07
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5000
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0
10000
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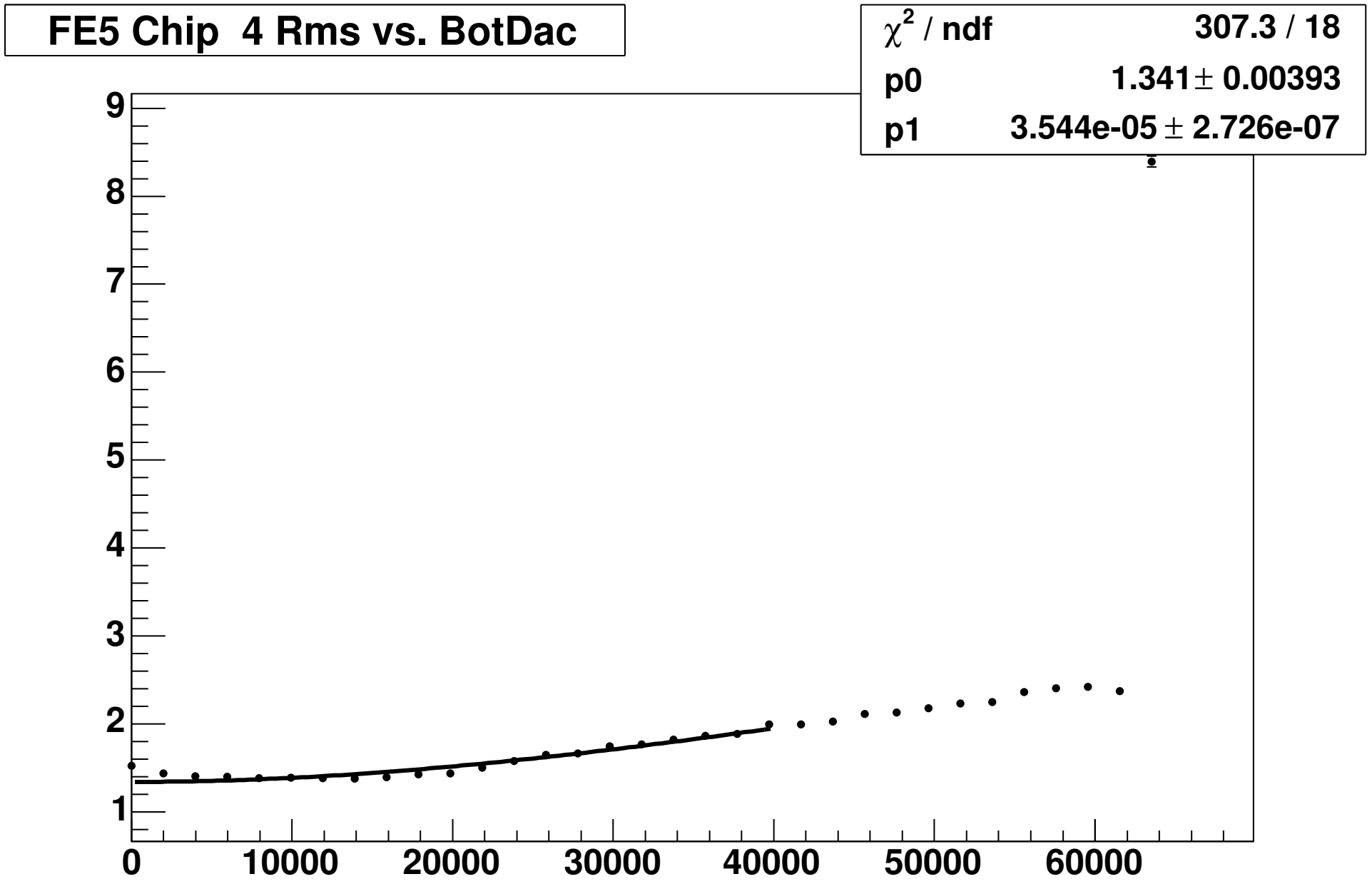
FE5 Chip 4 Rms vs. BotDac
χ² / ndf 307.3 / 18
p0 1.341 ± 0.00393
p1 3.544e-05 ± 2.726e-07
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7
6
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4
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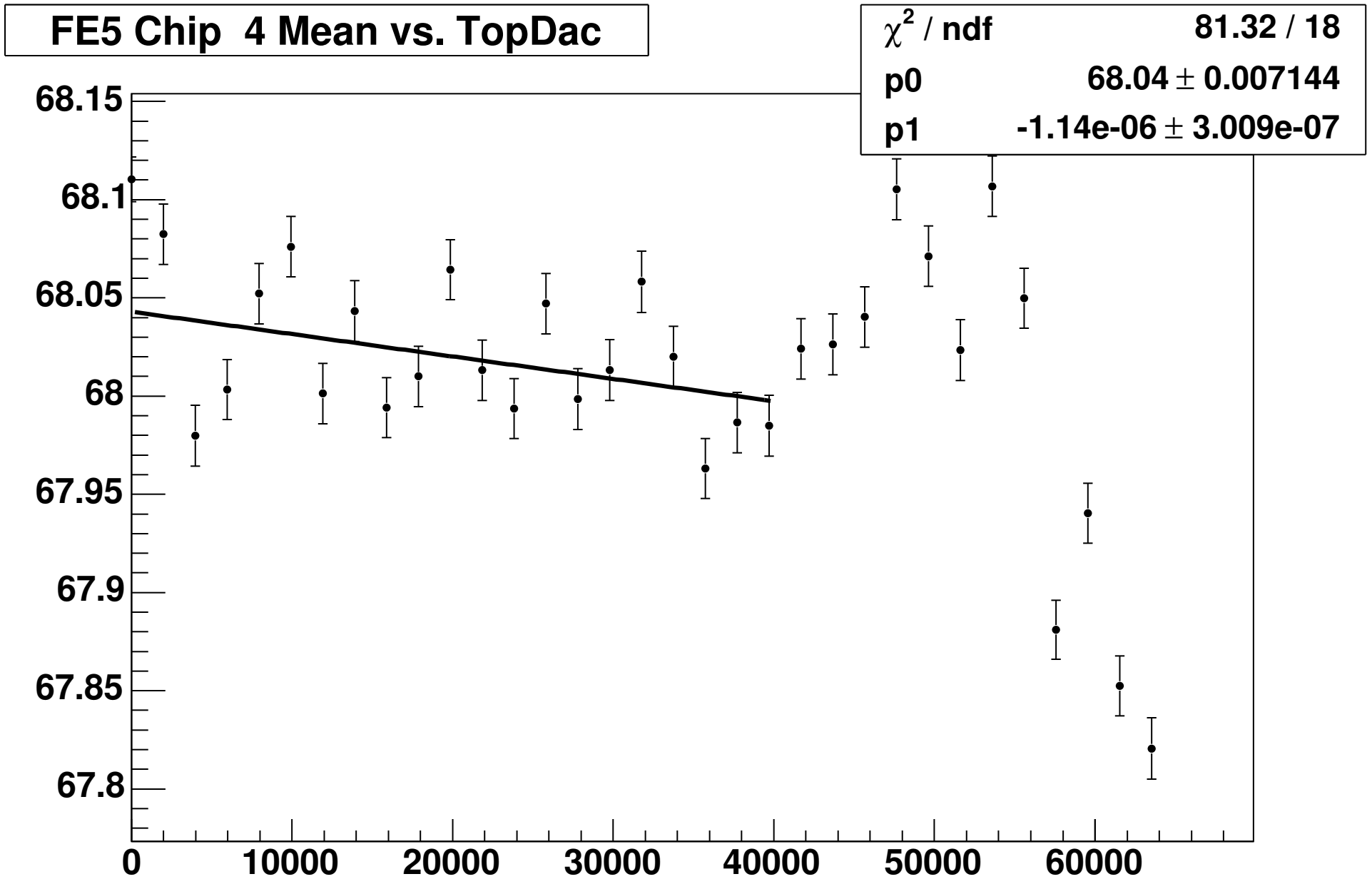
FE5 Chip 4 Mean vs. TopDac
χ² / ndf 81.32 / 18
p0 68.04 ± 0.007144
p1 -1.14e-06 ± 3.009e-07
68.15
68.1
68.05
68
67.95
67.9
67.85
67.8
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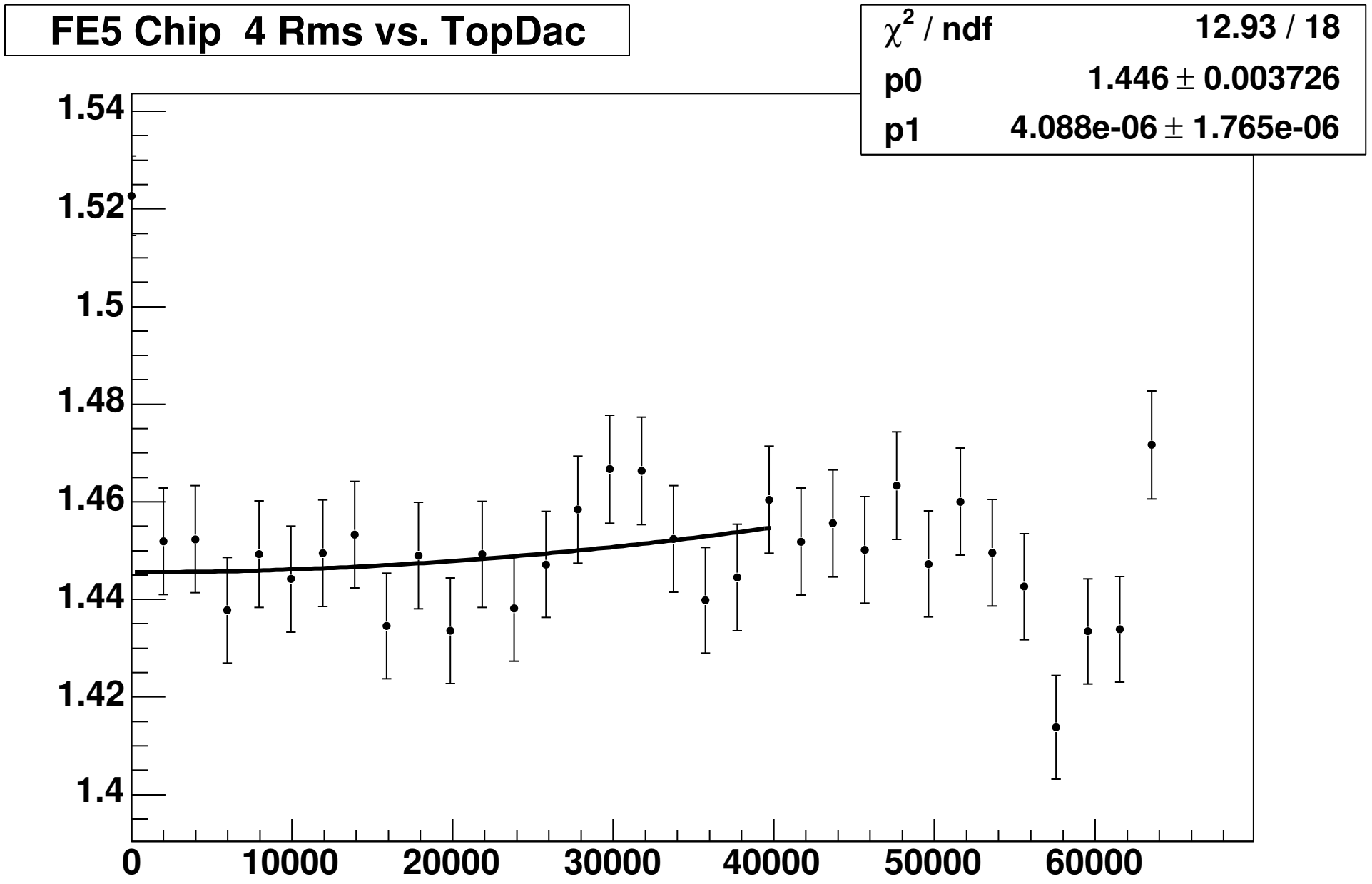
FE5 Chip 4 Rms vs. TopDac
χ² / ndf 12.93 / 18
p0 1.446 ± 0.003726
p1 4.088e-06 ± 1.765e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
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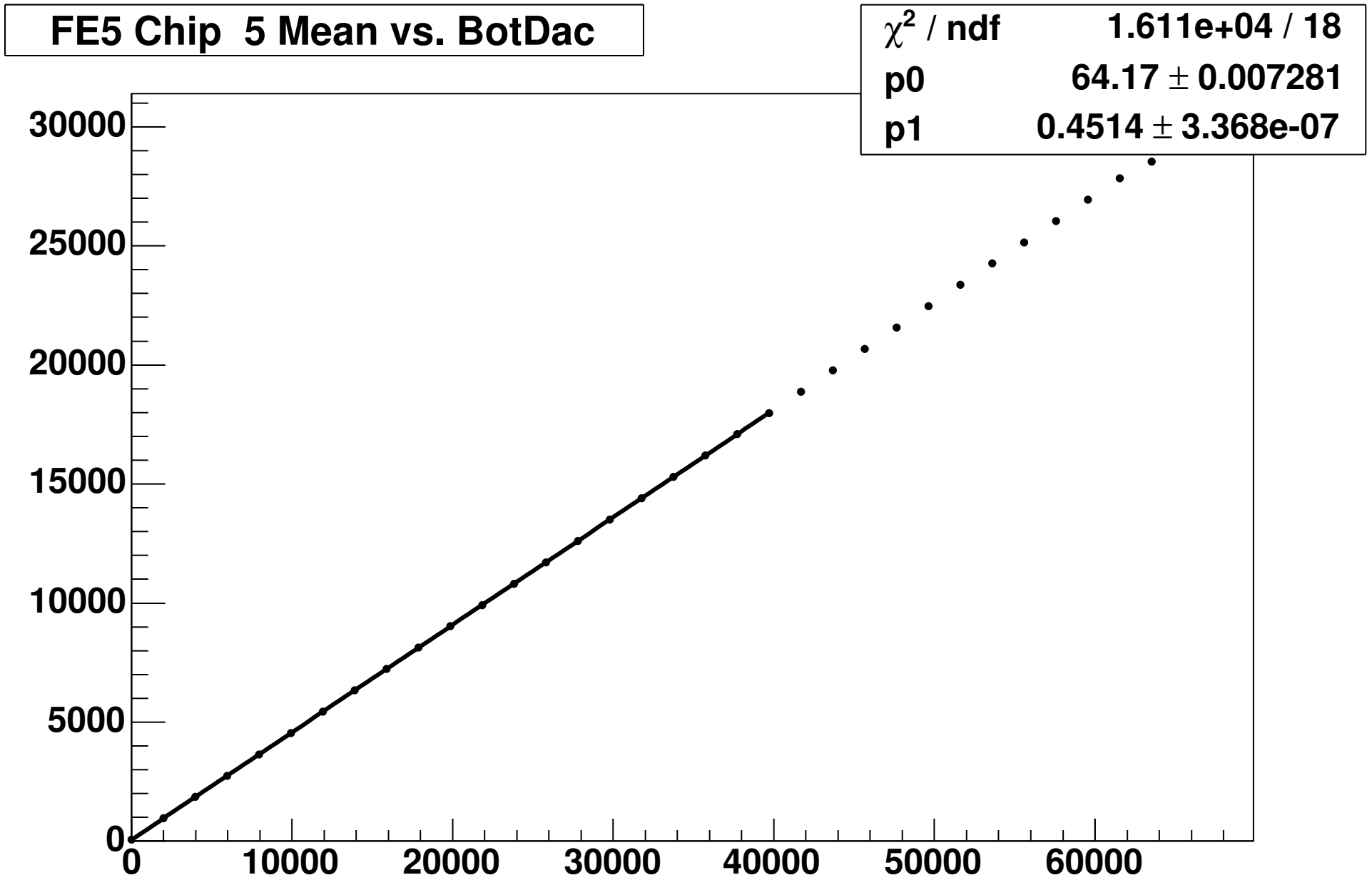
FE5 Chip 5 Mean vs. BotDac
χ² / ndf 1.611e+04 / 18
p0 64.17 ± 0.007281
p1 0.4514 ± 3.368e-07
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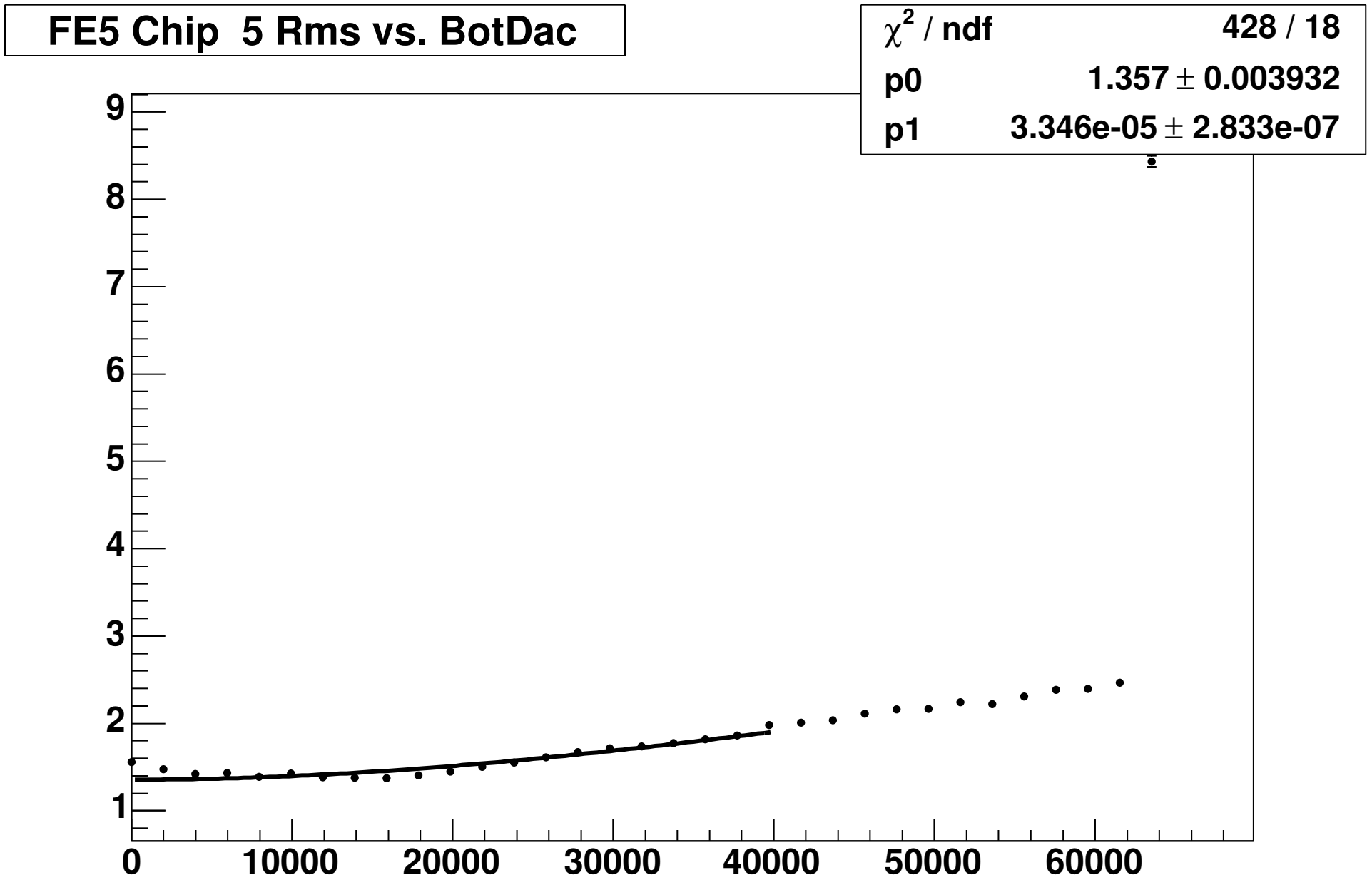
FE5 Chip 5 Rms vs. BotDac
χ² / ndf 428 / 18
p0 1.357 ± 0.003932
p1 3.346e-05 ± 2.833e-07
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8
7
6
5
4
3
2
1
0
10000
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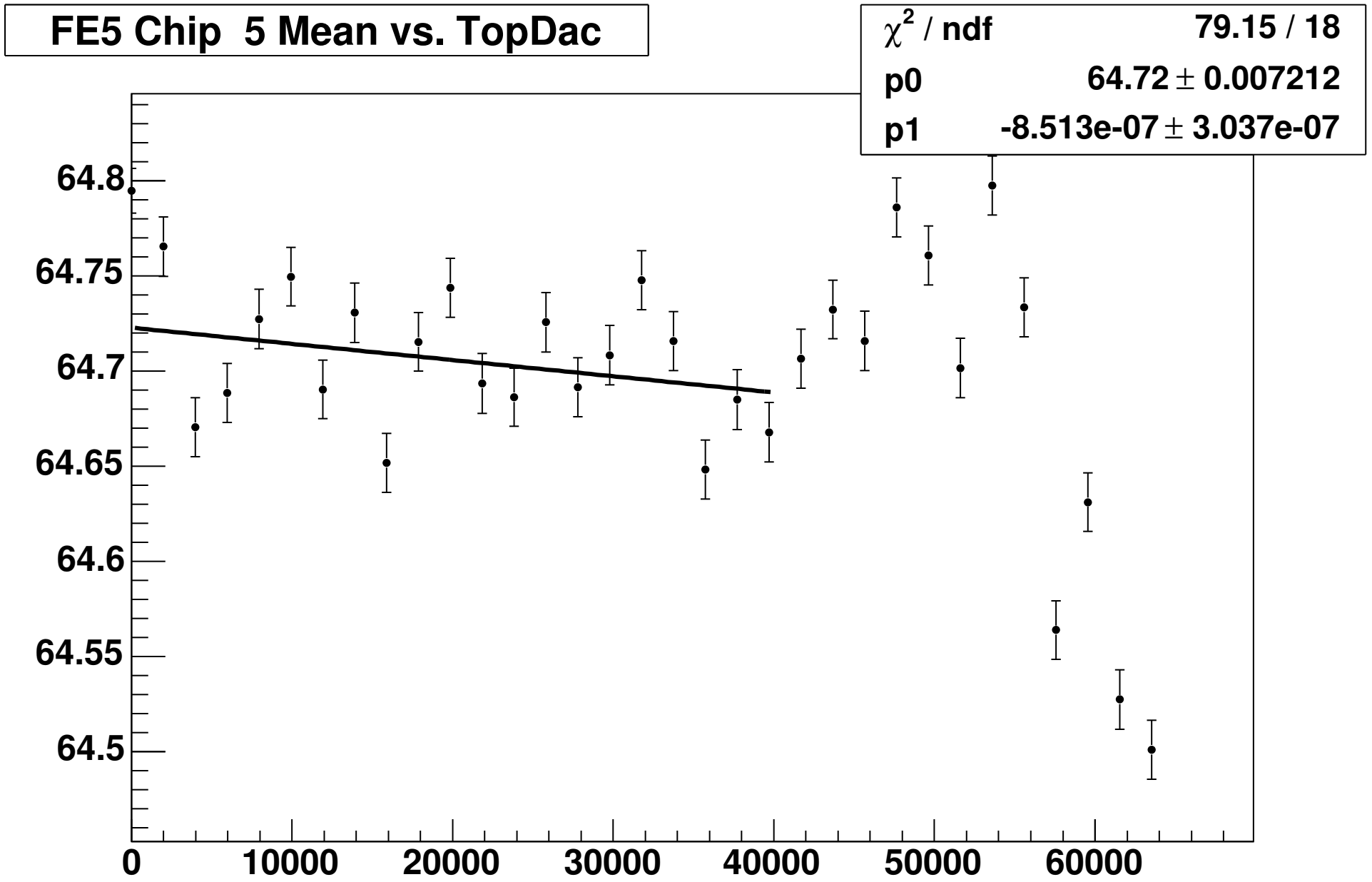
30000
40000
50000
60000


FE5 Chip 5 Mean vs. TopDac
χ² / ndf 79.15 / 18
p0 64.72 ± 0.007212
p1 -8.513e-07 ± 3.037e-07
64.8
64.75
64.7
64.65
64.6
64.55
64.5
0
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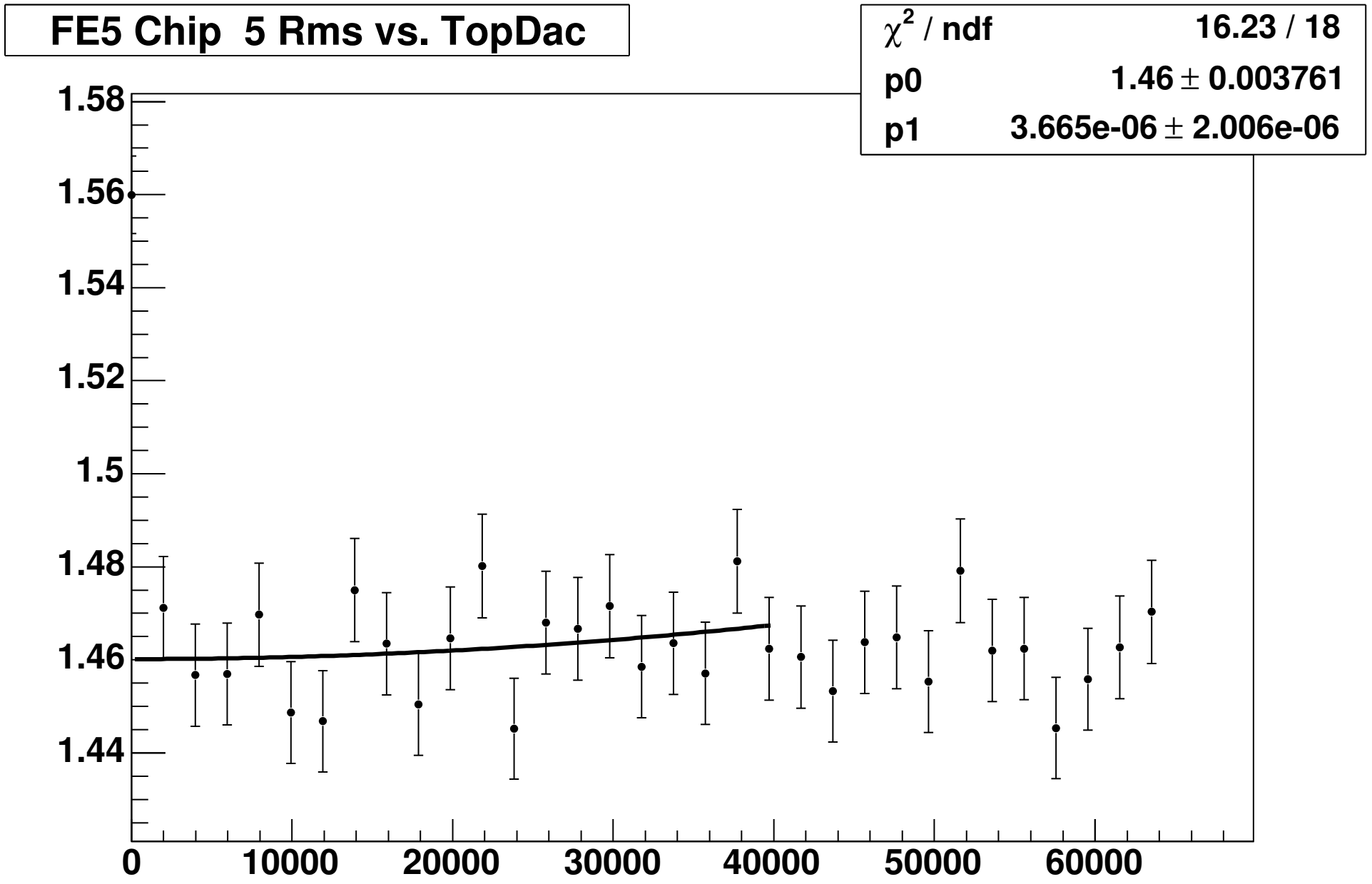
FE5 Chip 5 Rms vs. TopDac
χ² / ndf 16.23 / 18
p0 1.46 ± 0.003761
p1 3.665e-06 ± 2.006e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
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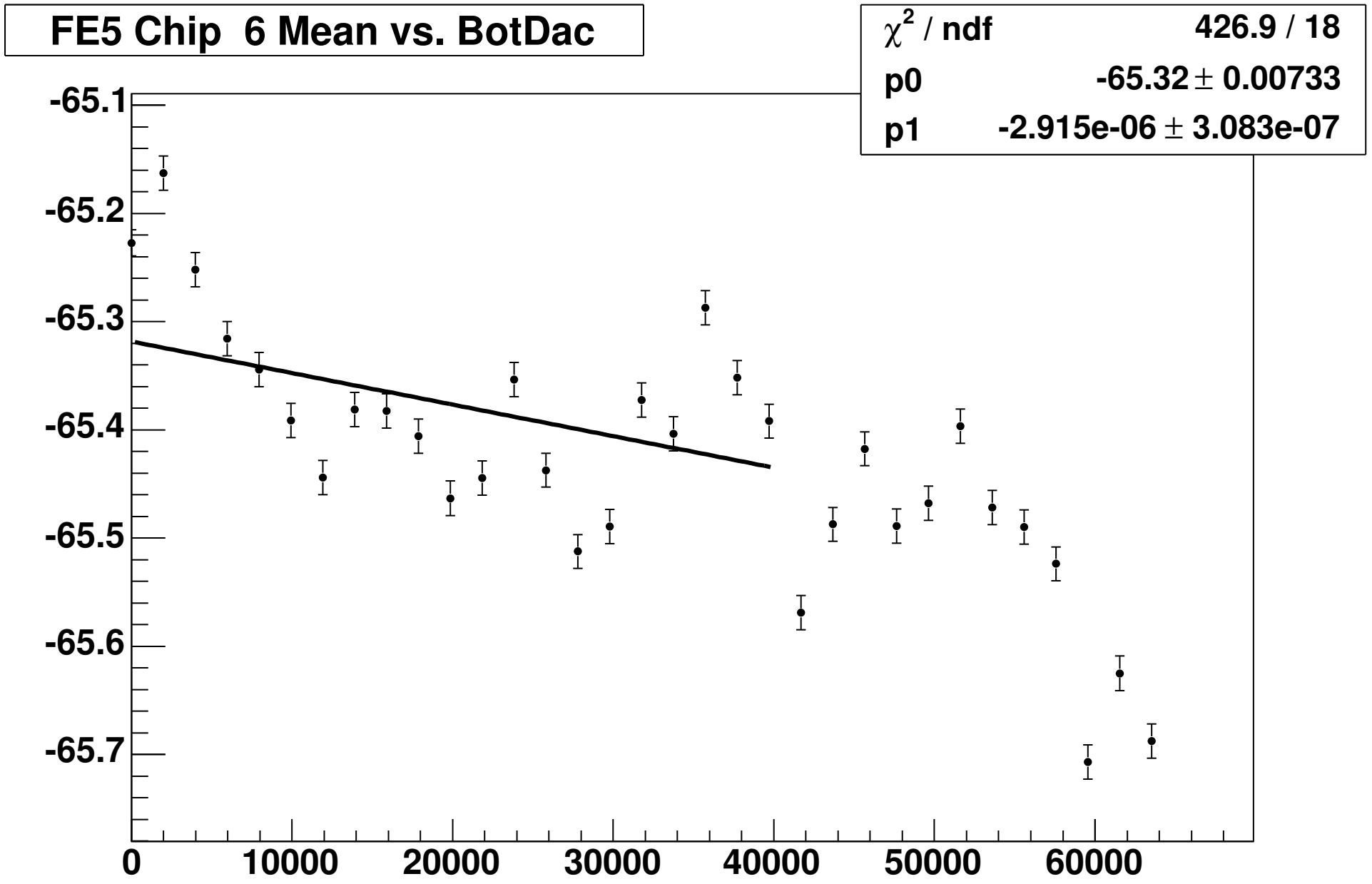
60000


FE5 Chip 6 Mean vs. BotDac
χ² / ndf 426.9 / 18
p0 -65.32 ± 0.00733
p1 -2.915e-06 ± 3.083e-07
-65.1
-65.2
-65.3
-65.4
-65.5
-65.6
-65.7
0
10000
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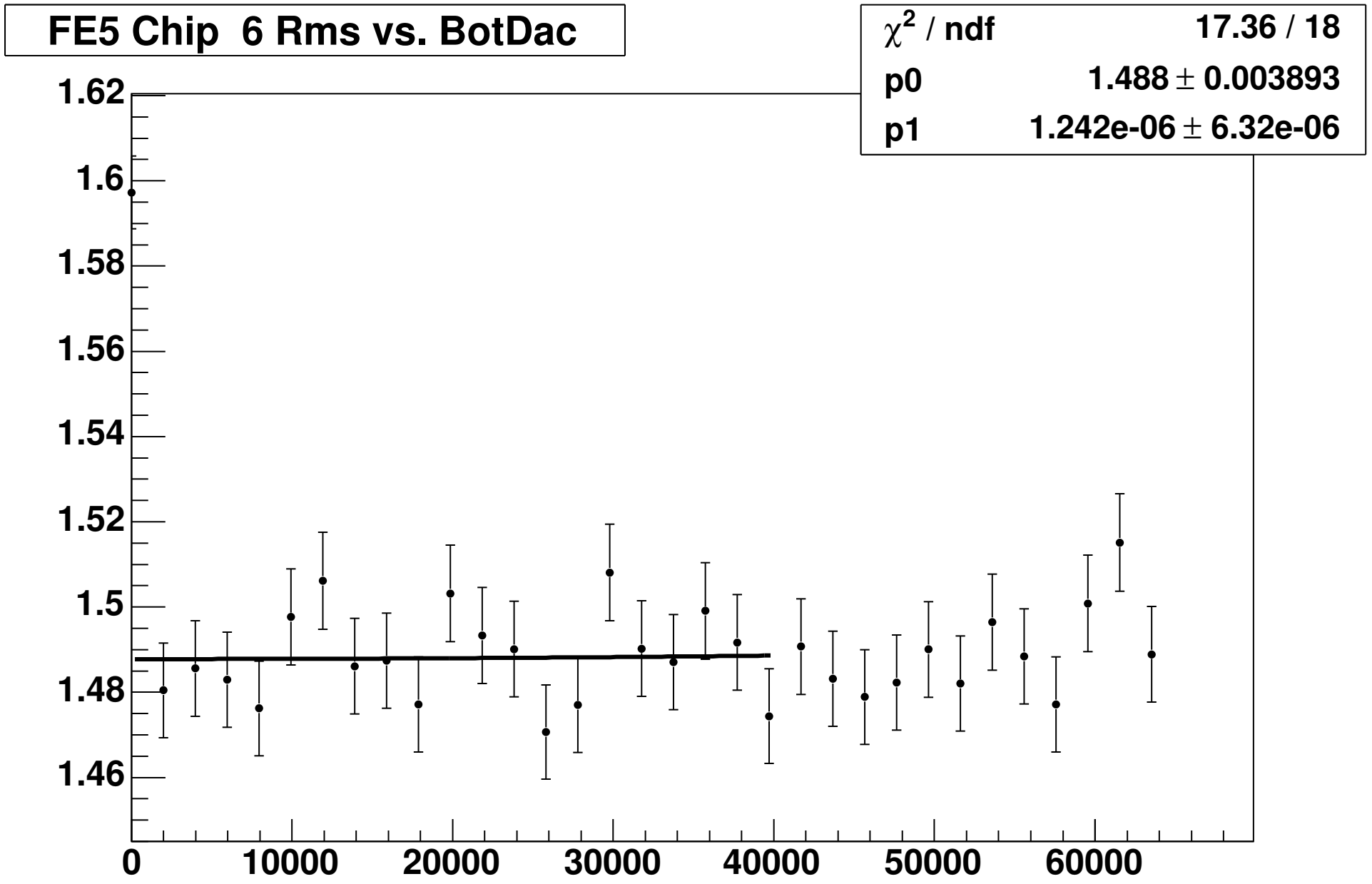
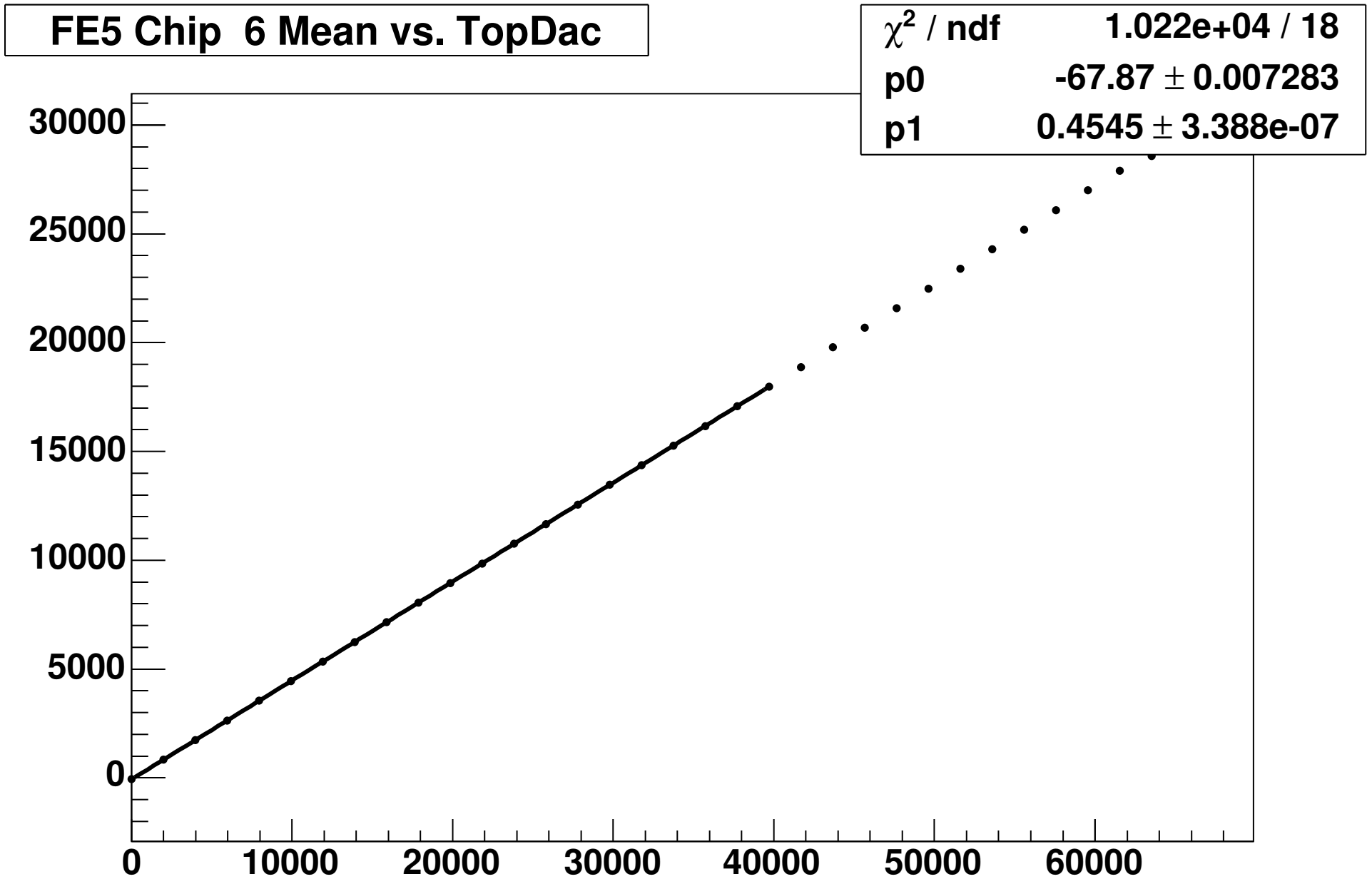
50000
60000


FE5 Chip 6 Rms vs. BotDac
χ² / ndf 17.36 / 18
p0 1.488 ± 0.003893
p1 1.242e-06 ± 6.32e-06
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
0
10000
20000
30000
40000
50000
60000


FE5 Chip 6 Mean vs. TopDac
χ² / ndf 1.022e+04 / 18
p0 -67.87 ± 0.007283
p1 0.4545 ± 3.388e-07
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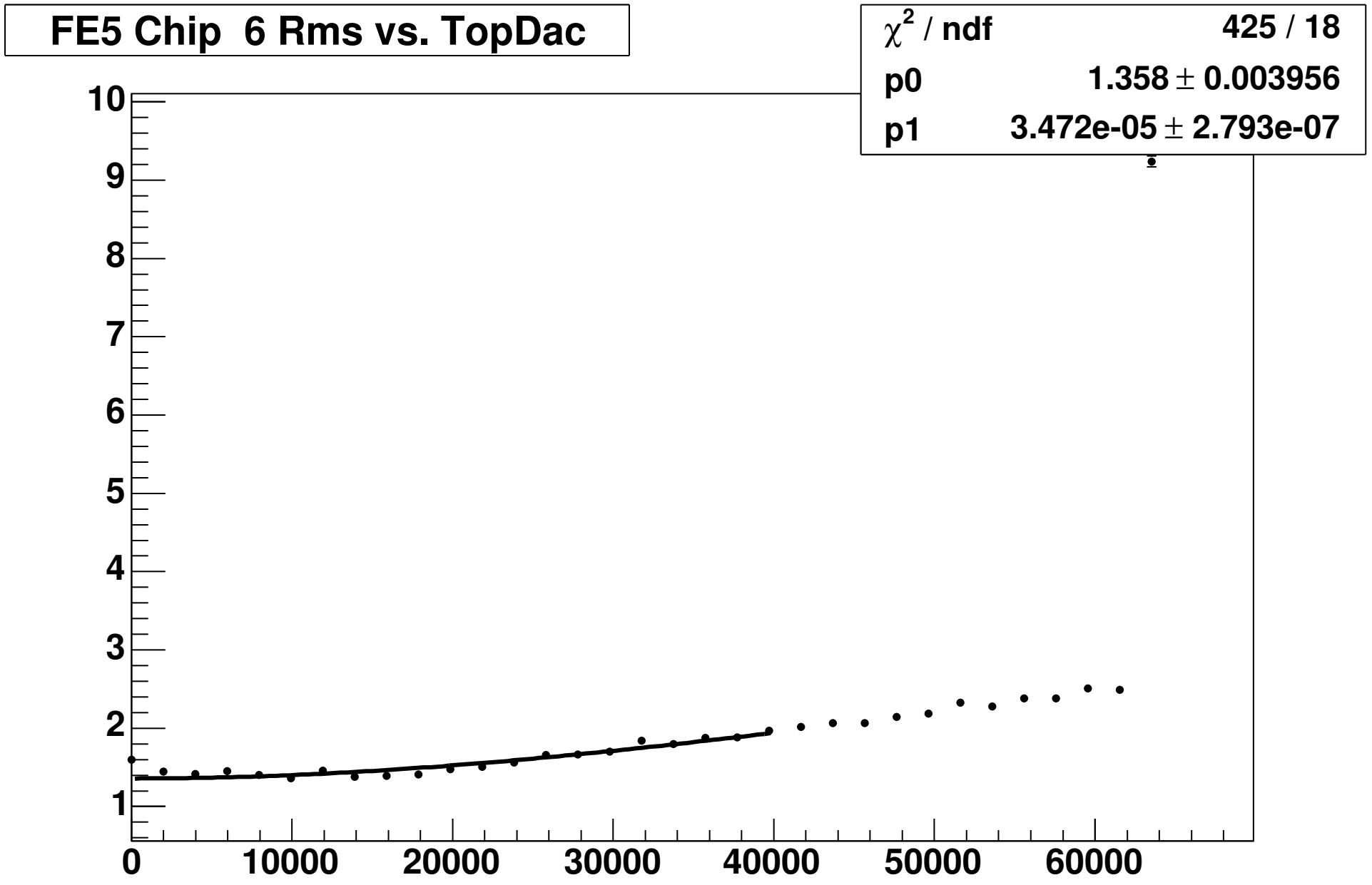
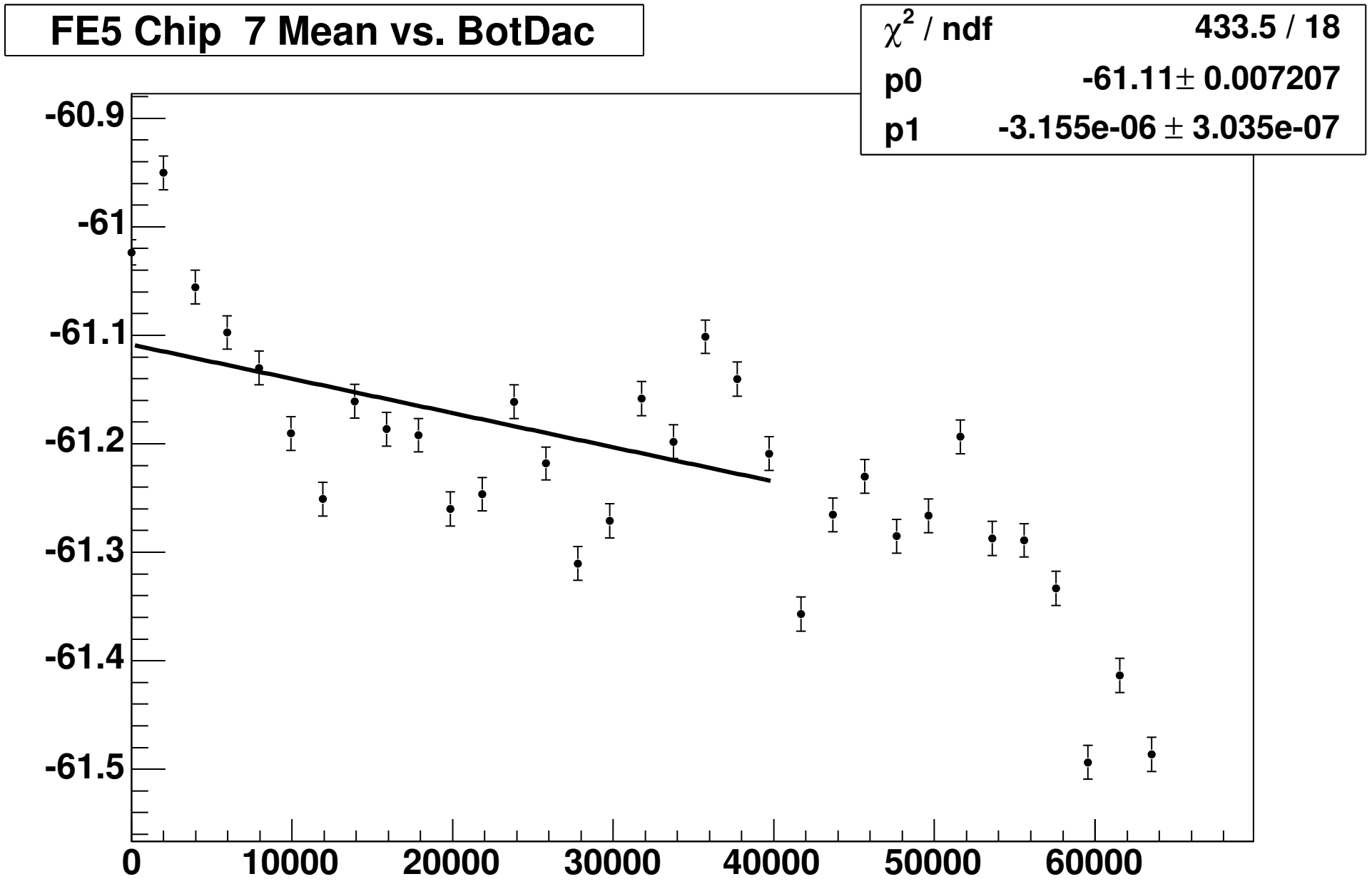
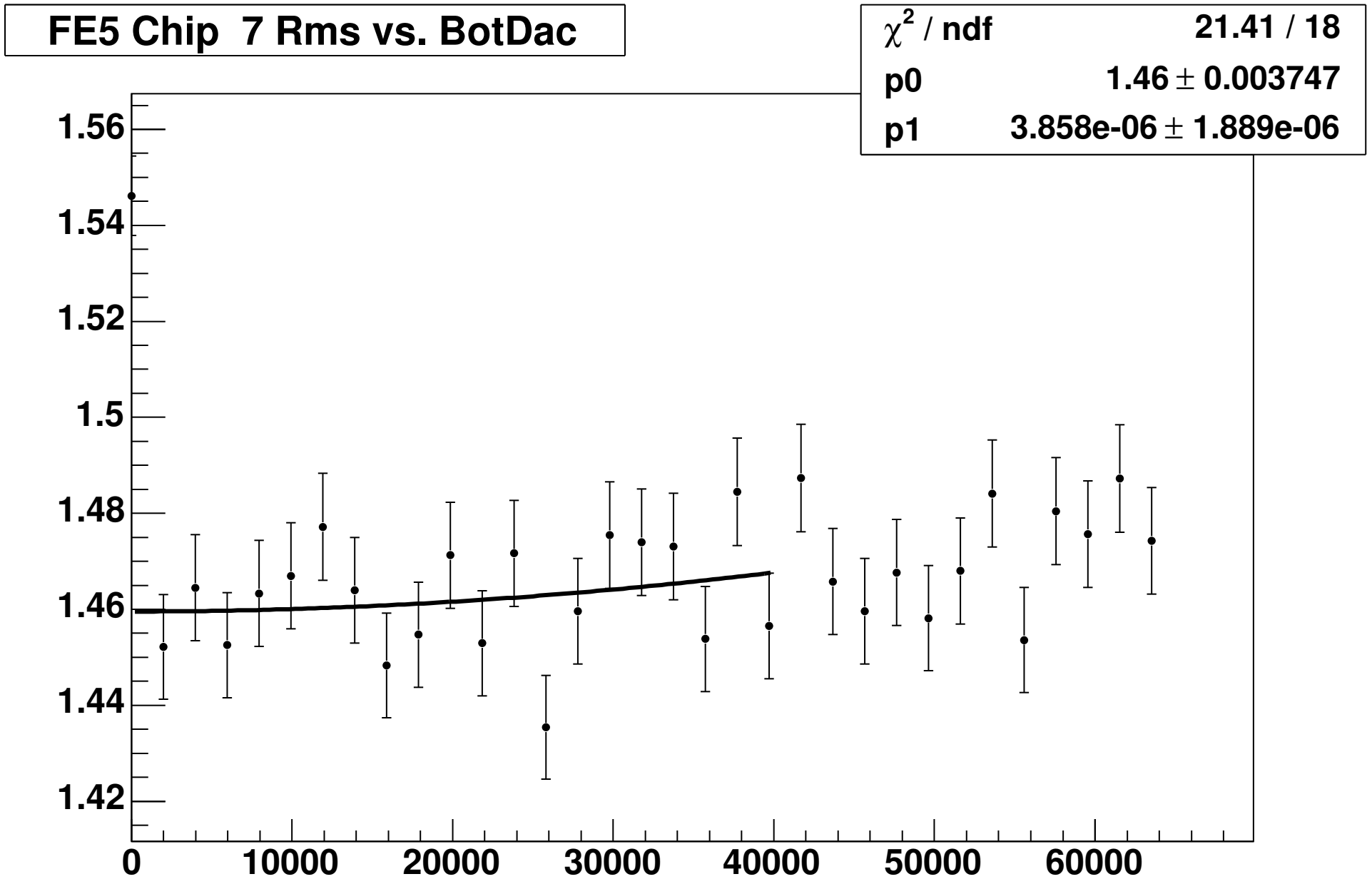
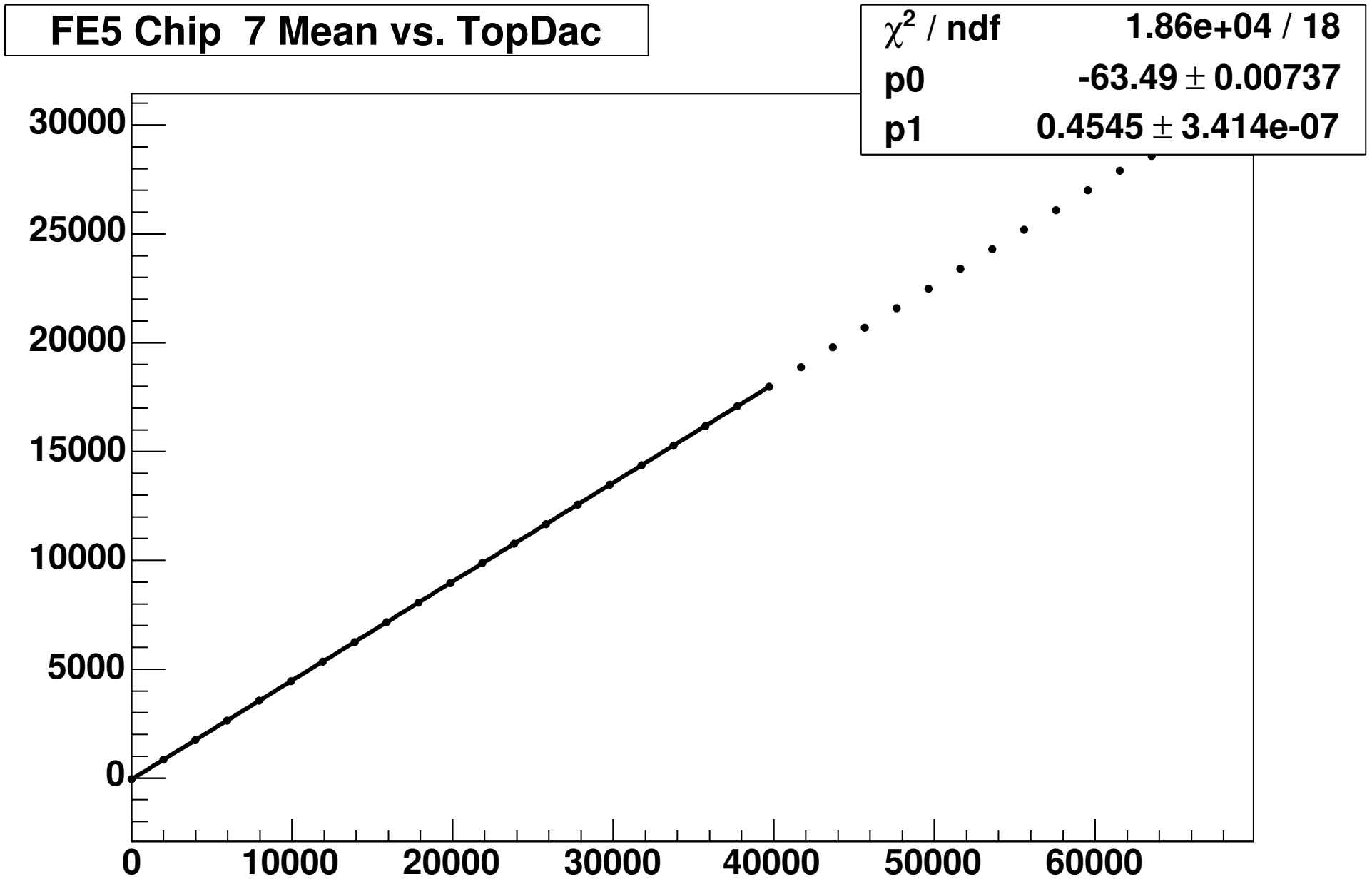
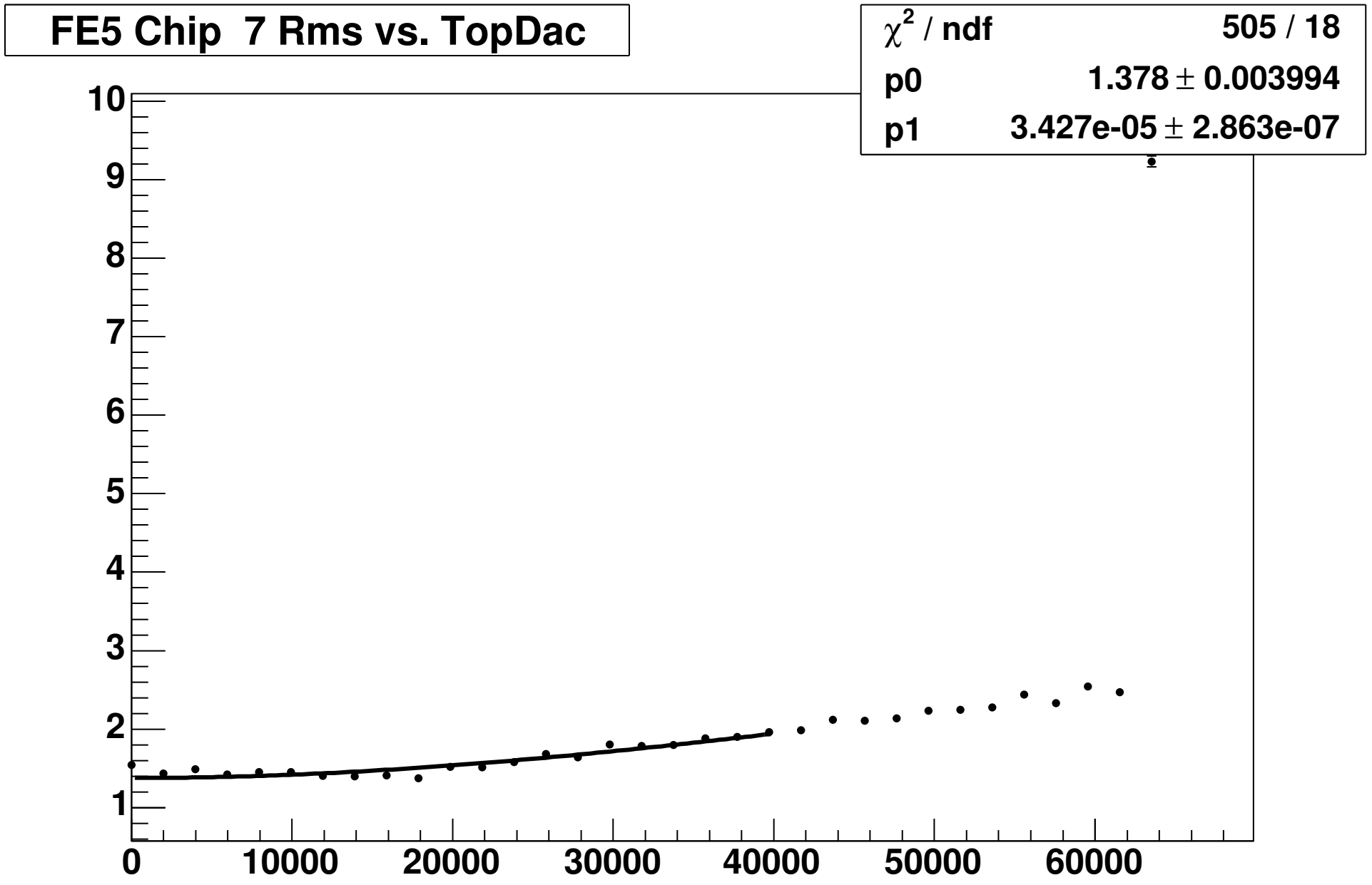
10000
5000
0
0
10000
20000
30000
40000
50000
60000

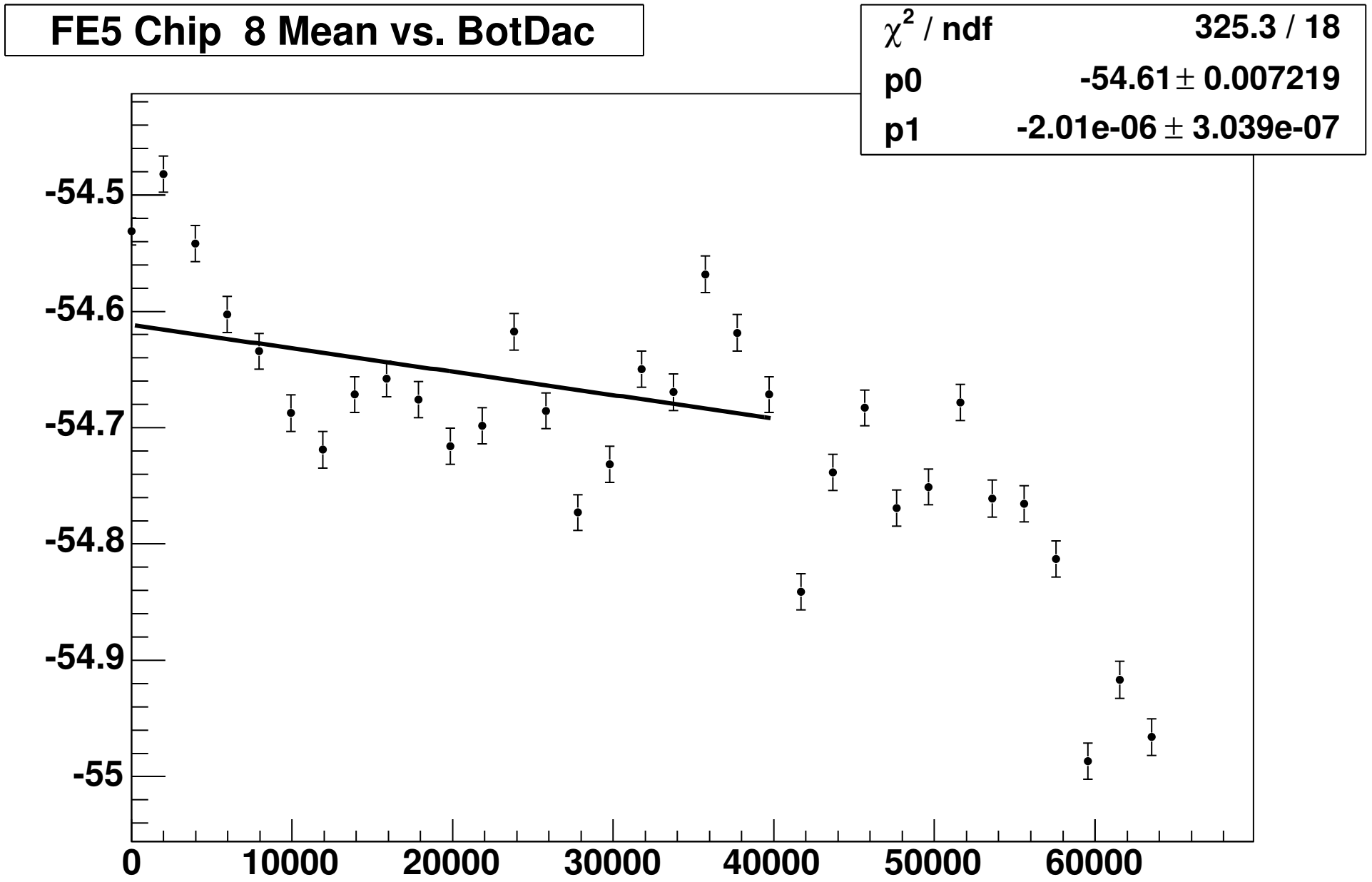

FE5 Chip 6 Rms vs. TopDac
χ² / ndf 425 / 18
p0 1.358 ± 0.003956
p1 3.472e-05 ± 2.793e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000

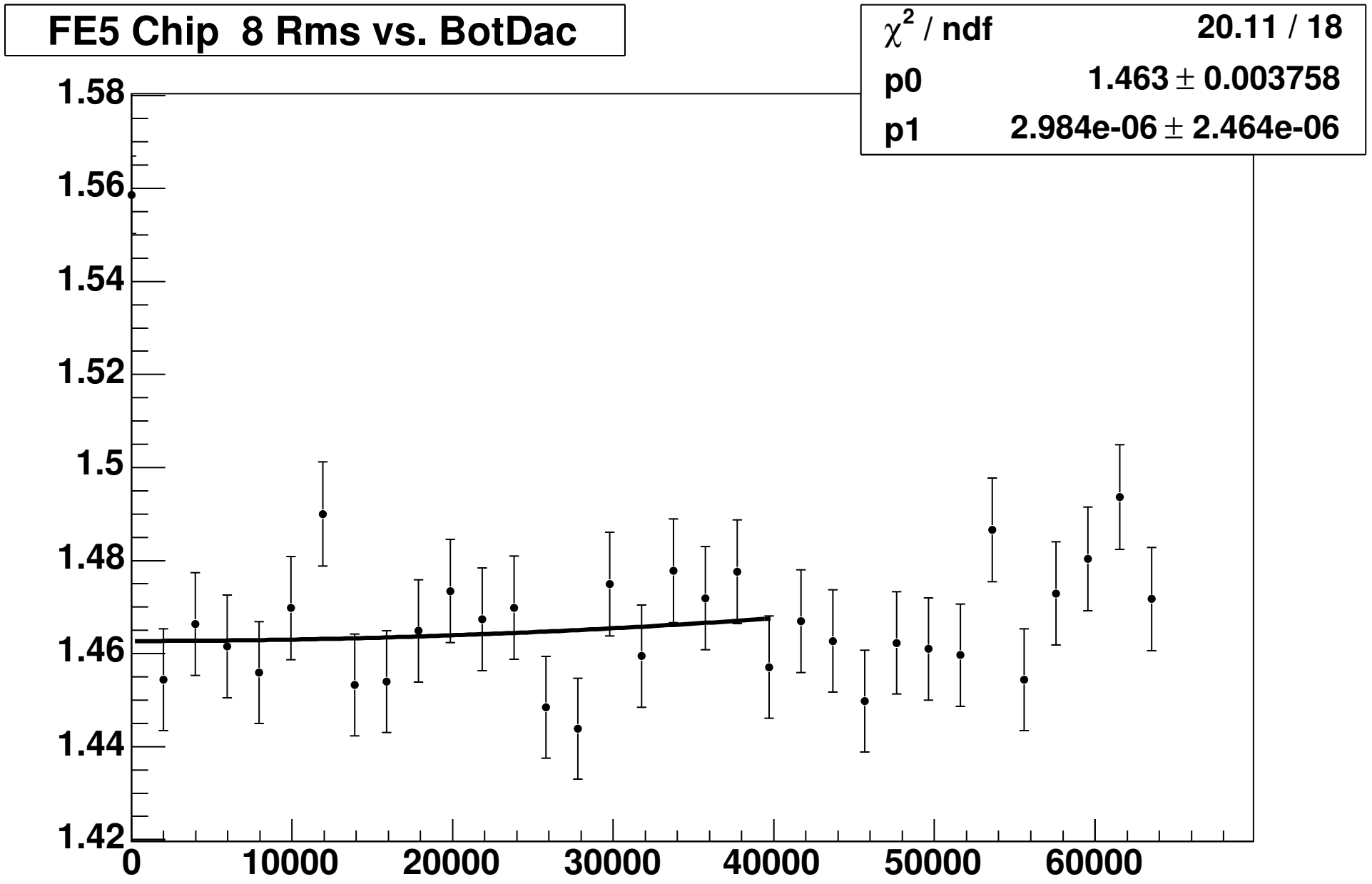

FE5 Chip 7 Mean vs. BotDac
χ² / ndf 433.5 / 18
p0 -61.11 ± 0.007207
p1 -3.155e-06 ± 3.035e-07
-60.9
-61
-61.1
-61.2
-61.3
-61.4
-61.5
0
10000
20000
30000
40000
50000
60000


FE5 Chip 7 Rms vs. BotDac
χ² / ndf 21.41 / 18
p0 1.46 ± 0.003747
p1 3.858e-06 ± 1.889e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000


FE5 Chip 7 Mean vs. TopDac
χ² / ndf 1.86e+04 / 18
p0 -63.49 ± 0.00737
p1 0.4545 ± 3.414e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 7 Rms vs. TopDac
χ² / ndf 505 / 18
p0 1.378 ± 0.003994
p1 3.427e-05 ± 2.863e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE5 Chip 8 Mean vs. BotDac
χ² / ndf 325.3 / 18
p0 -54.61 ± 0.007219
p1 -2.01e-06 ± 3.039e-07
-54.5
-54.6
-54.7
-54.8
-54.9
-55
0
10000
20000
30000
40000
50000
60000


FE5 Chip 8 Rms vs. BotDac
χ² / ndf 20.11 / 18
p0 1.463 ± 0.003758
p1 2.984e-06 ± 2.464e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
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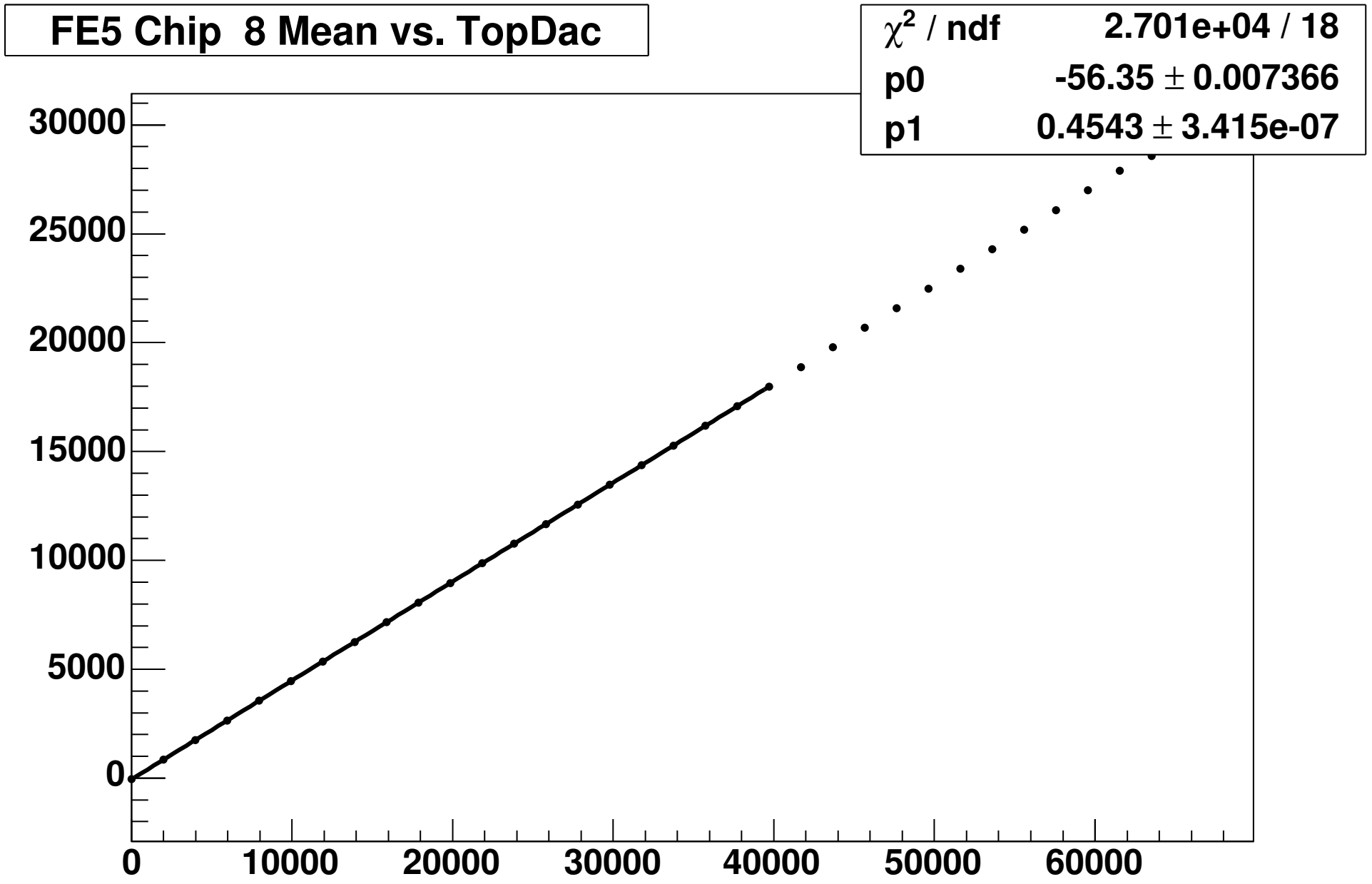
FE5 Chip 8 Mean vs. TopDac
χ² / ndf 2.701e+04 / 18
p0 -56.35 ± 0.007366
p1 0.4543 ± 3.415e-07
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25000
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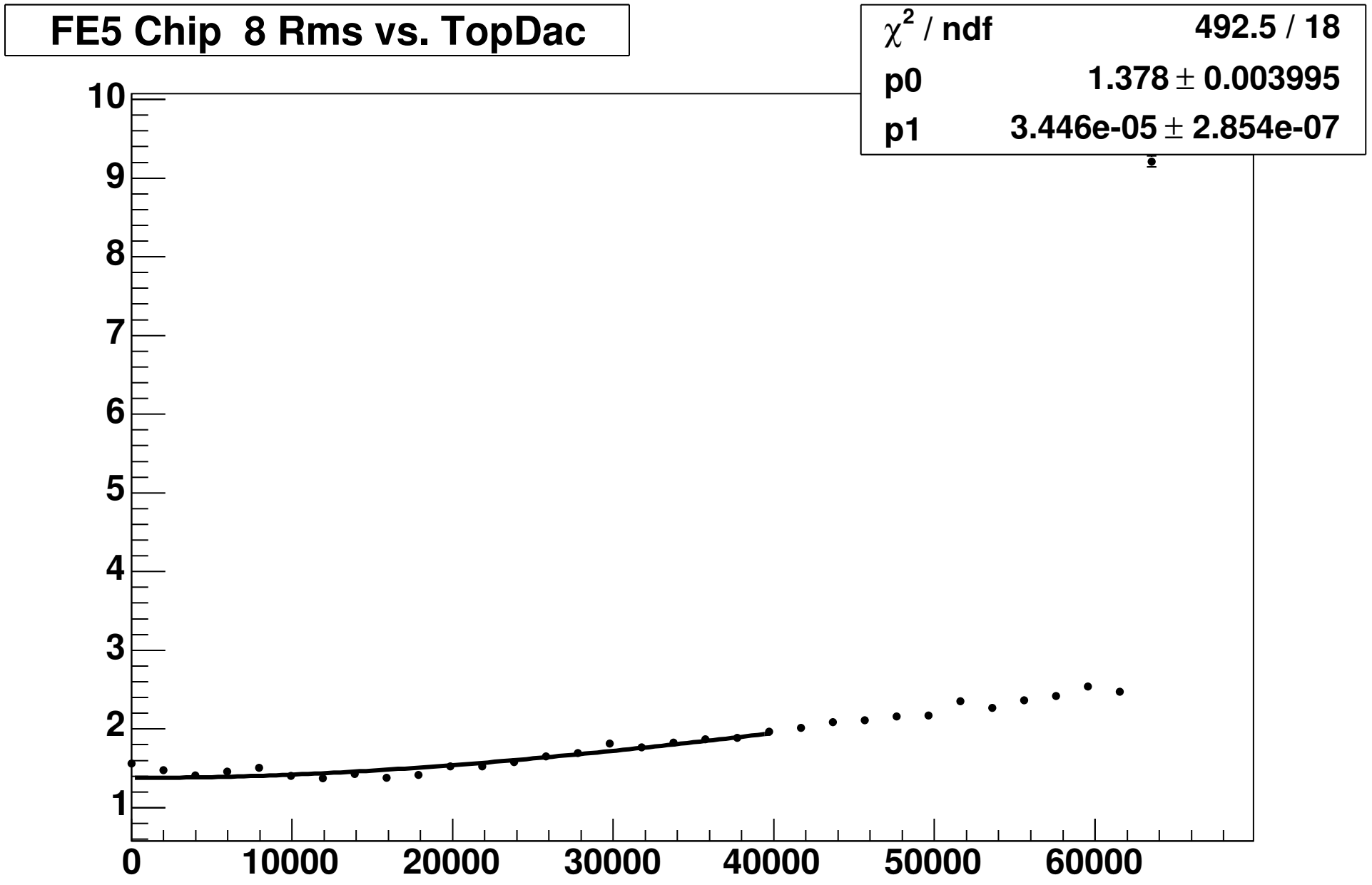
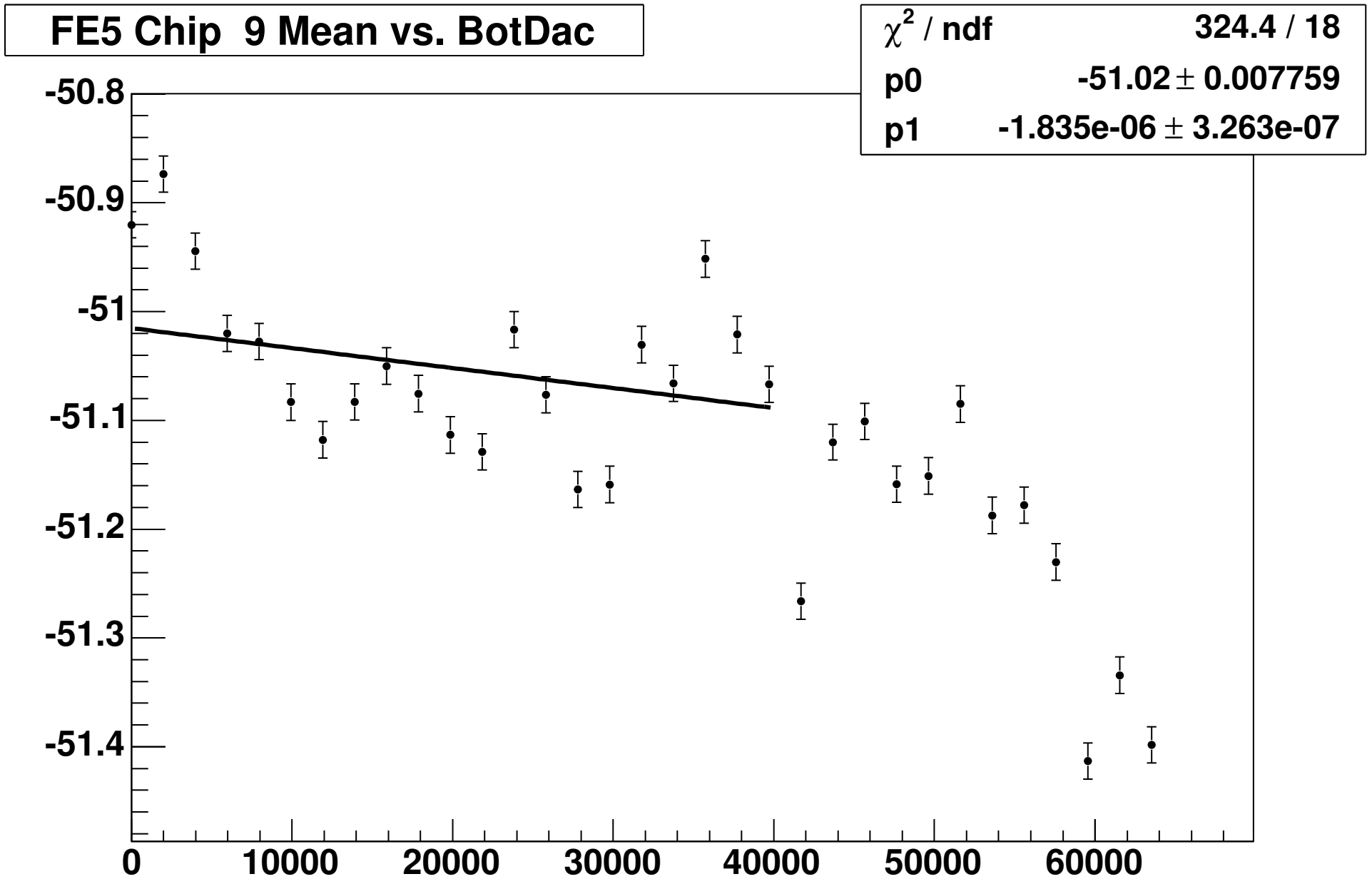
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 8 Rms vs. TopDac
χ² / ndf 492.5 / 18
p0 1.378 ± 0.003995
p1 3.446e-05 ± 2.854e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE5 Chip 9 Mean vs. BotDac
χ^2 / ndf 324.4 / 18
p0 -51.02 ± 0.007759
p1 -1.835e-06 ± 3.263e-07
-50.8
-50.9
-51
-51.1
-51.2
-51.3
-51.4
0
10000
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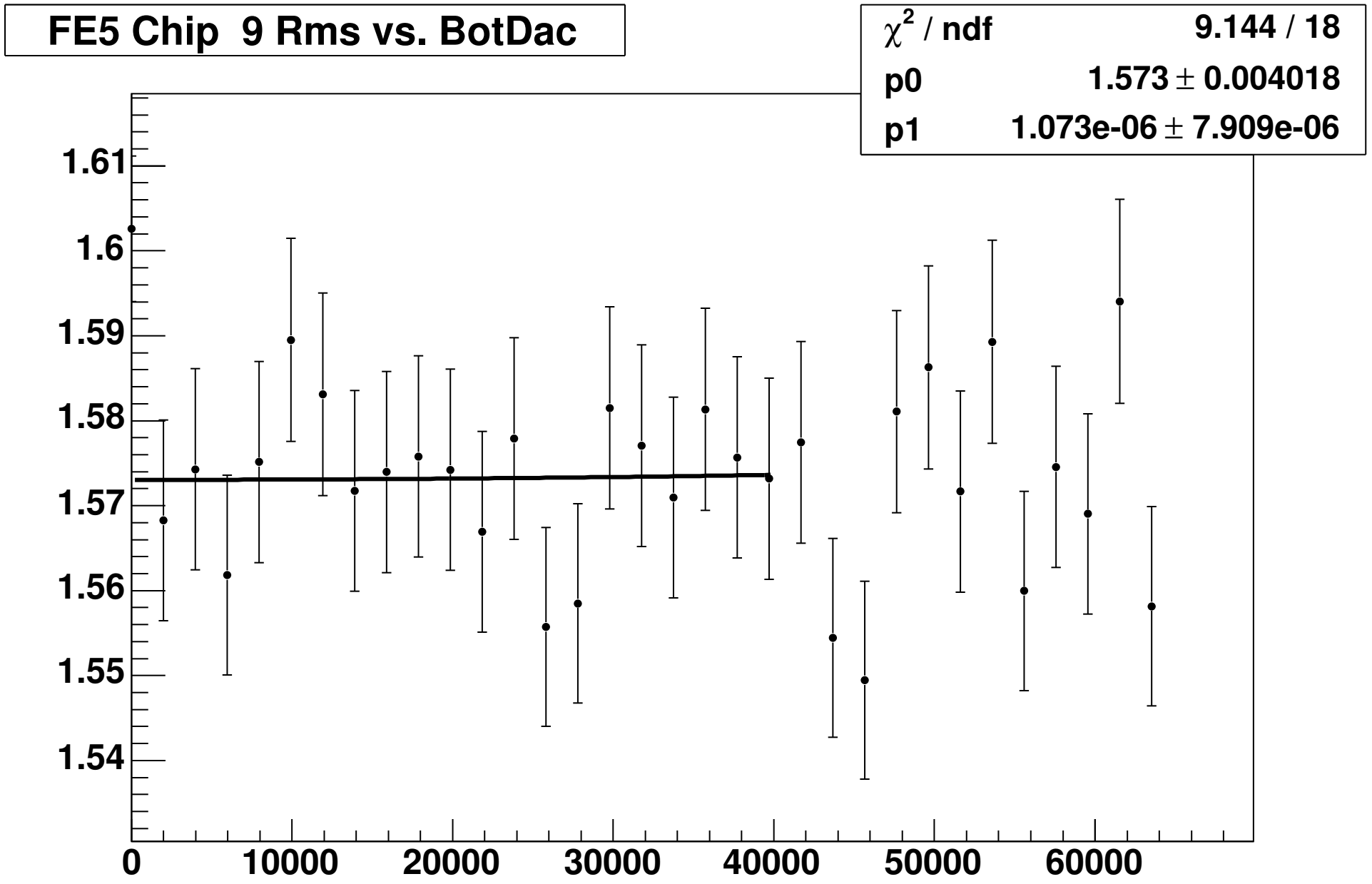
60000


FE5 Chip 9 Rms vs. BotDac
χ² / ndf 9.144 / 18
p0 1.573 ± 0.004018
p1 1.073e-06 ± 7.909e-06
1.61
1.6
1.59
1.58
1.57
1.56
1.55
1.54
0
10000
20000
30000
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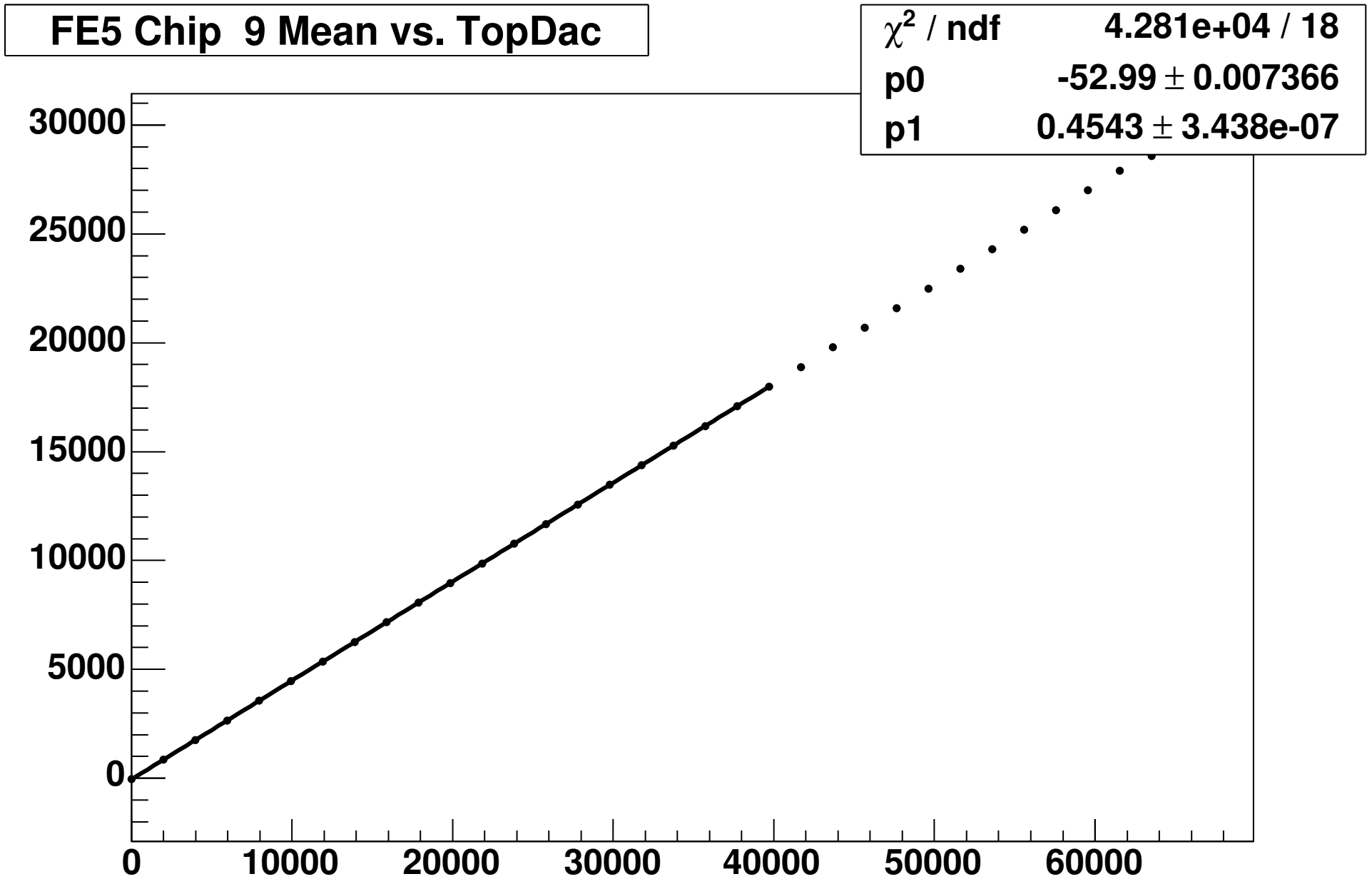
60000


FE5 Chip 9 Mean vs. TopDac
χ² / ndf 4.281e+04 / 18
p0 -52.99 ± 0.007366
p1 0.4543 ± 3.438e-07
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25000
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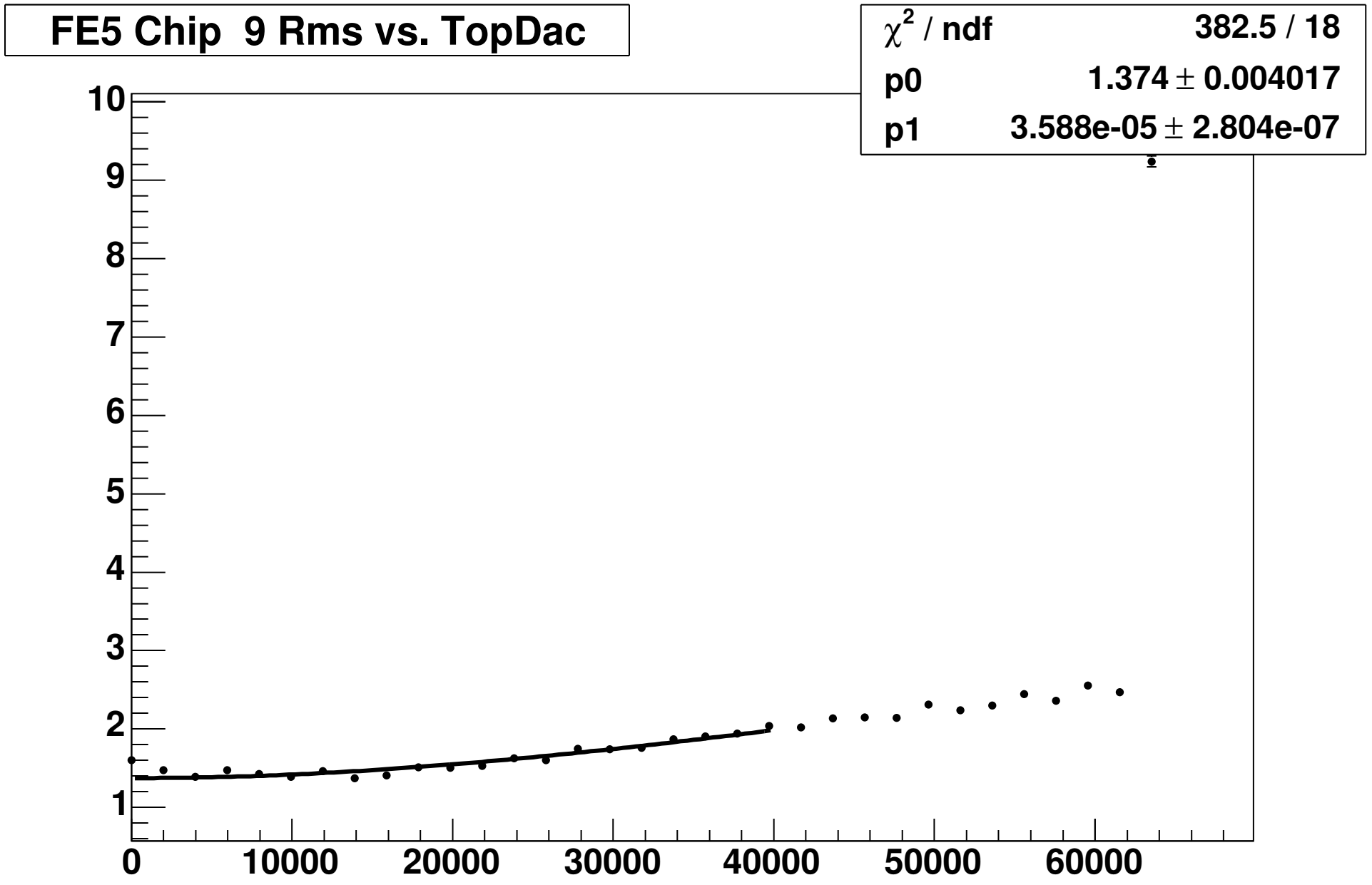
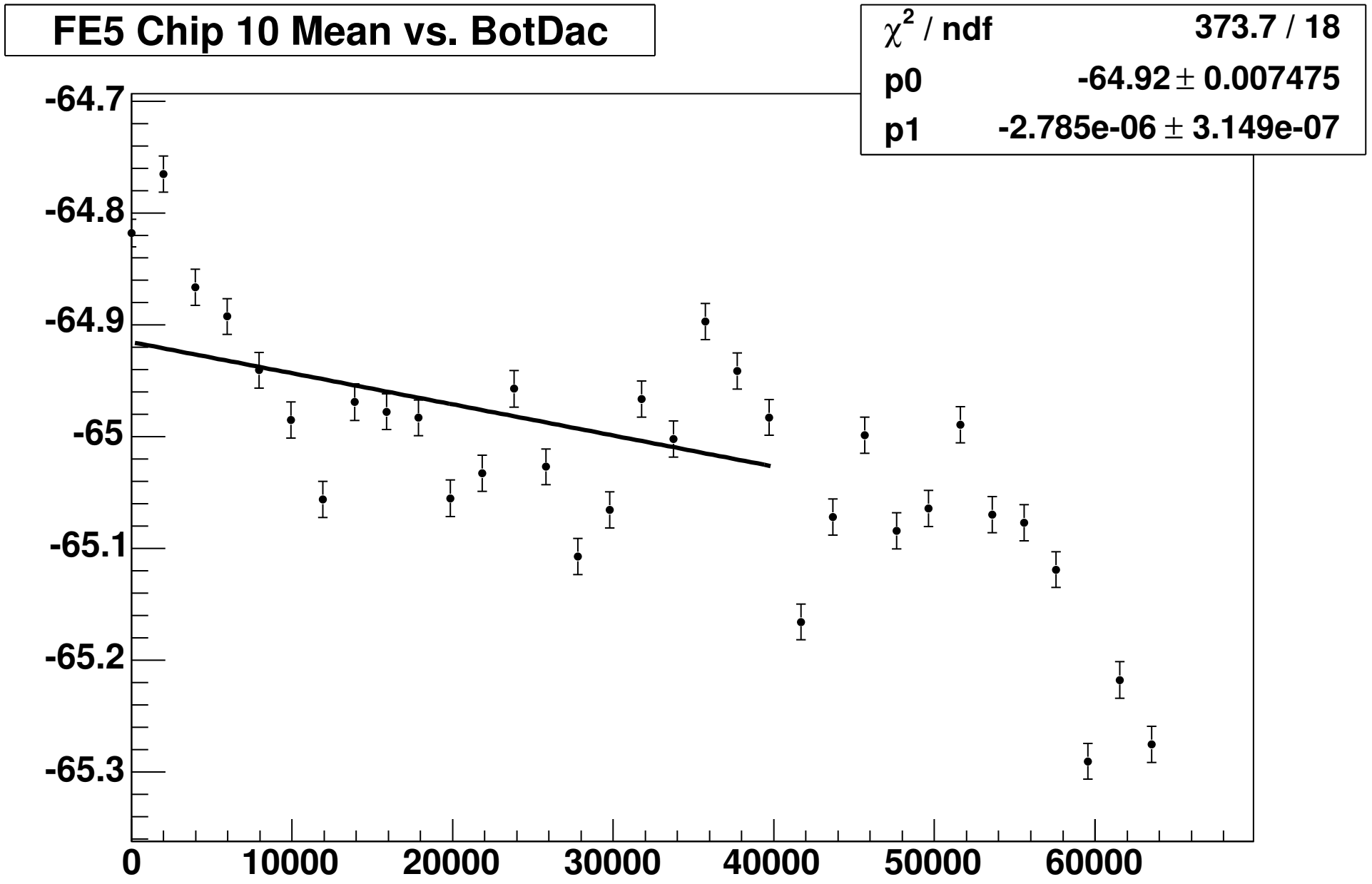
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 9 Rms vs. TopDac
χ² / ndf 382.5 / 18
p0 1.374 ± 0.004017
p1 3.588e-05 ± 2.804e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE5 Chip 10 Mean vs. BotDac
χ² / ndf 373.7 / 18
p0 -64.92 ± 0.007475
p1 -2.785e-06 ± 3.149e-07
-64.7
-64.8
-64.9
-65
-65.1
-65.2
-65.3
0
10000
20000
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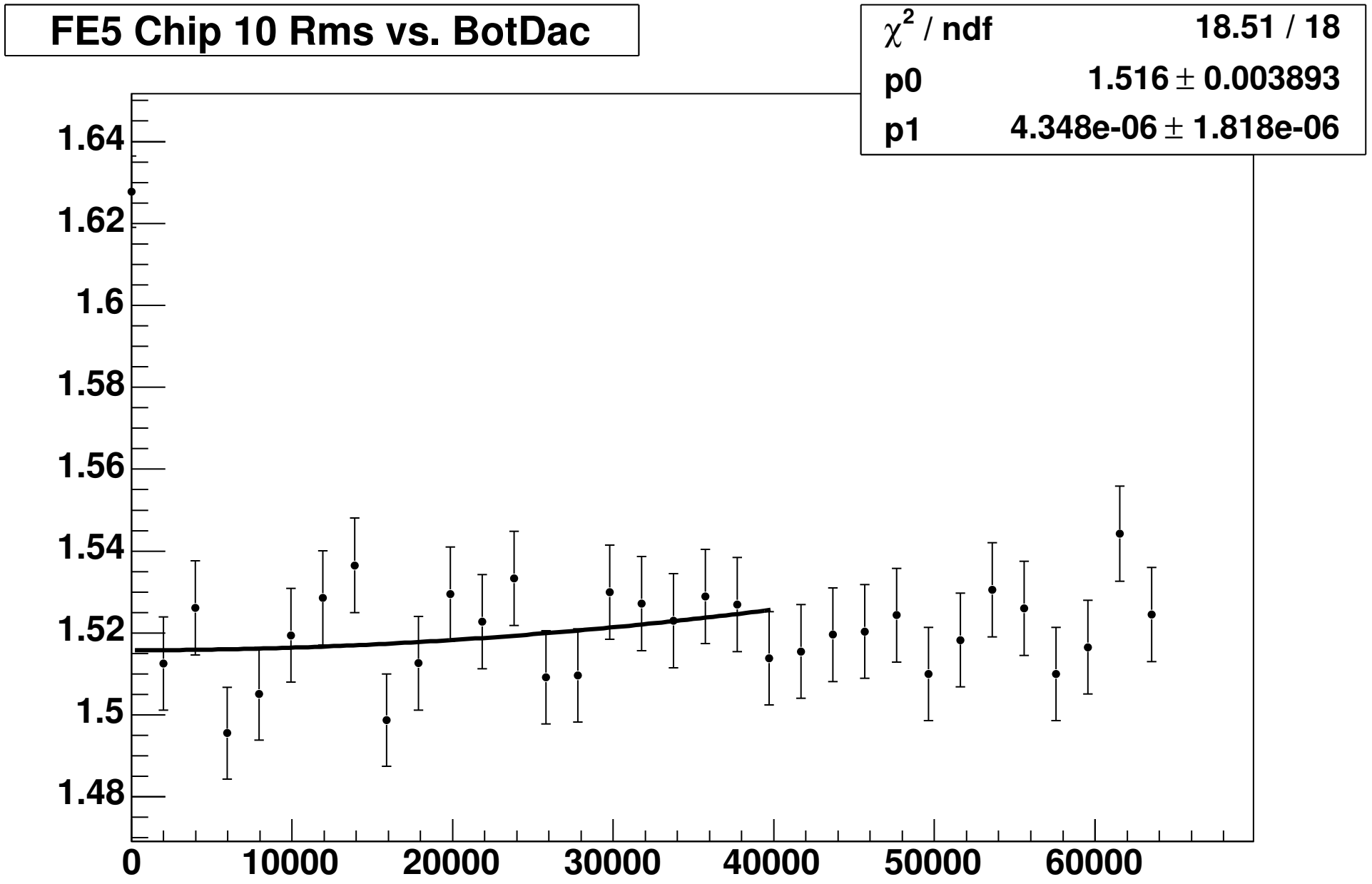
60000


FE5 Chip 10 Rms vs. BotDac
χ² / ndf 18.51 / 18
p0 1.516 ± 0.003893
p1 4.348e-06 ± 1.818e-06
1.64
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
0
10000
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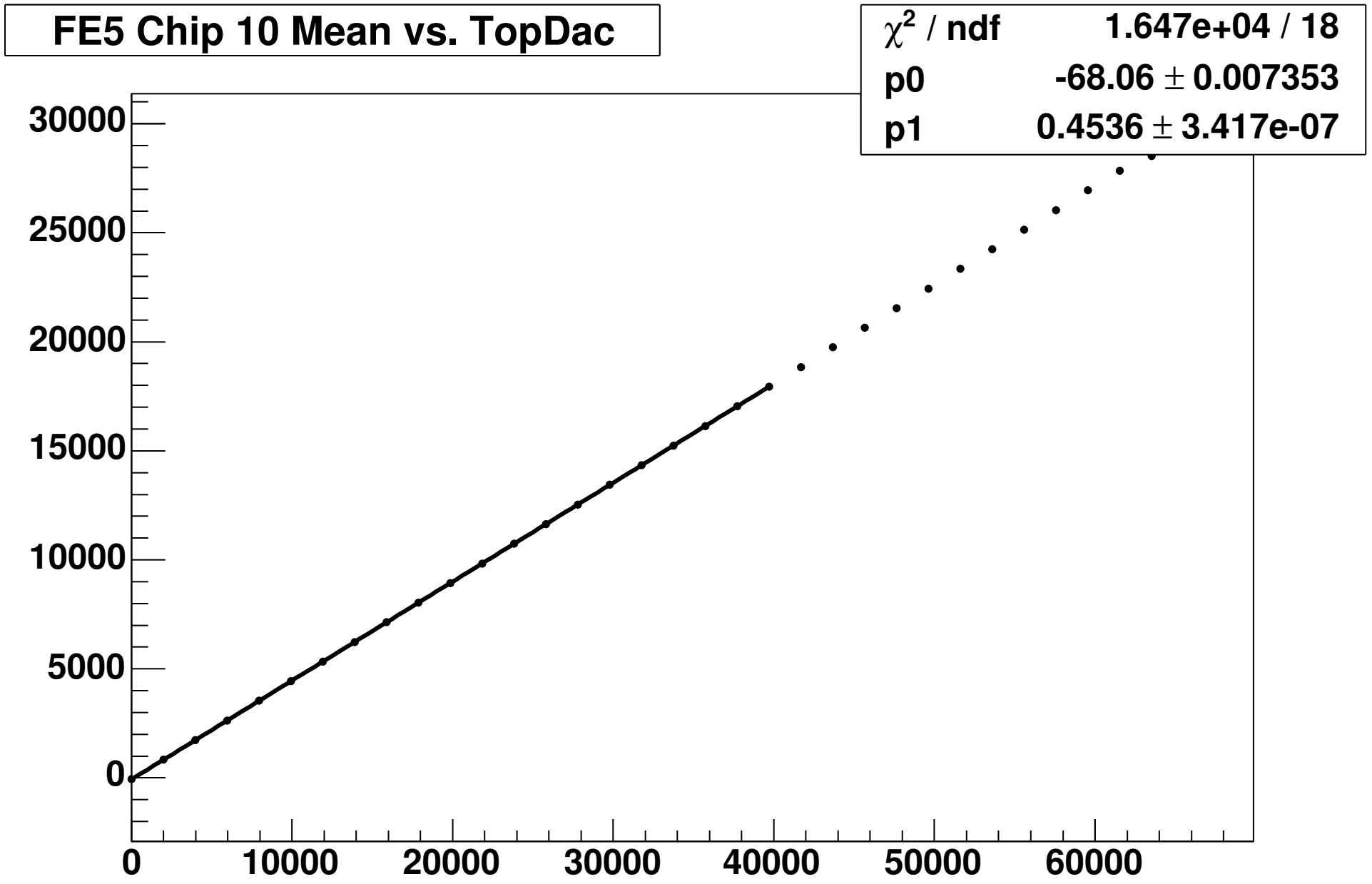
FE5 Chip 10 Mean vs. TopDac
χ² / ndf 1.647e+04 / 18
p0 -68.06 ± 0.007353
p1 0.4536 ± 3.417e-07
30000
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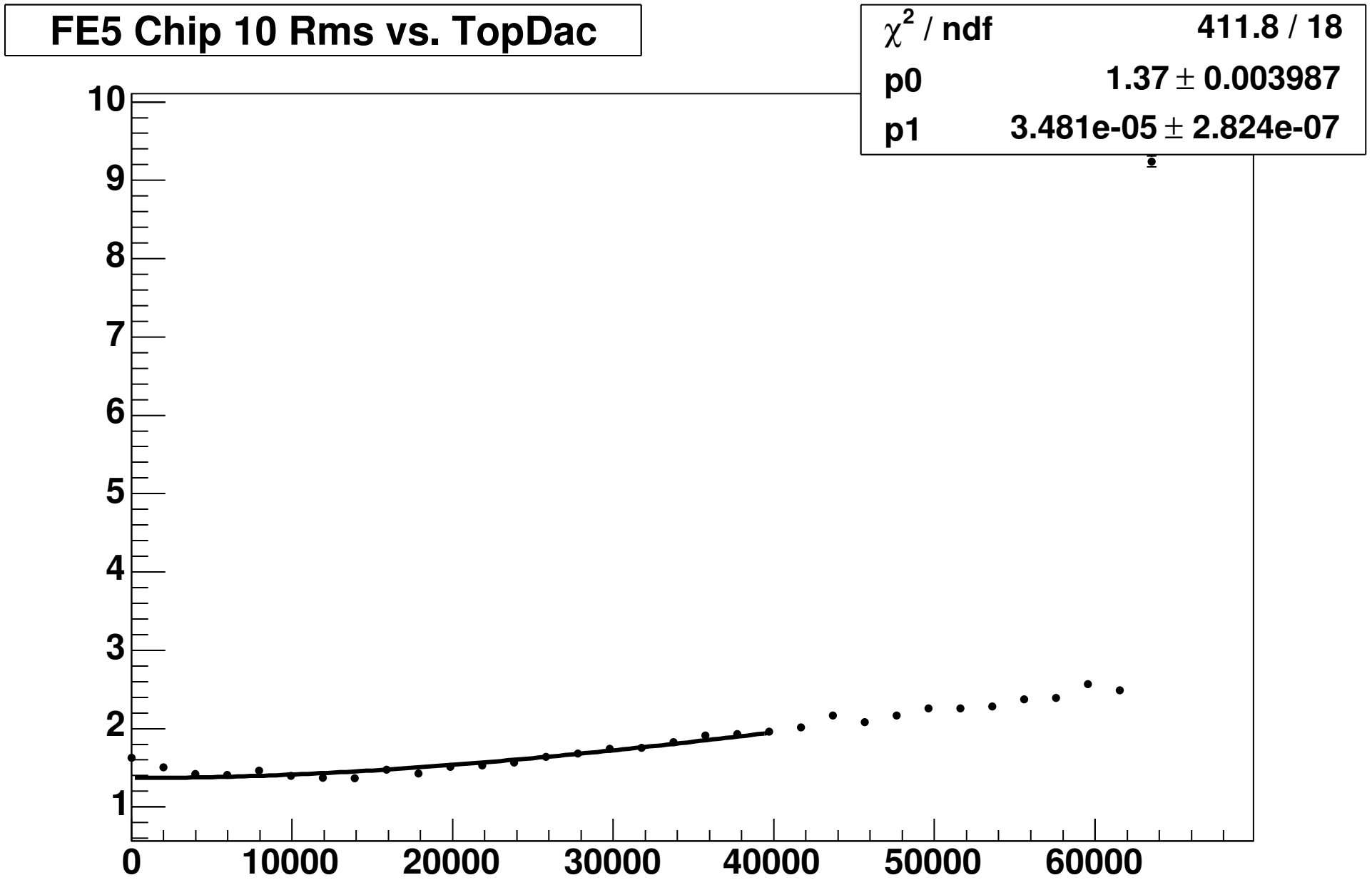
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 10 Rms vs. TopDac
χ² / ndf 411.8 / 18
p0 1.37 ± 0.003987
p1 3.481e-05 ± 2.824e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
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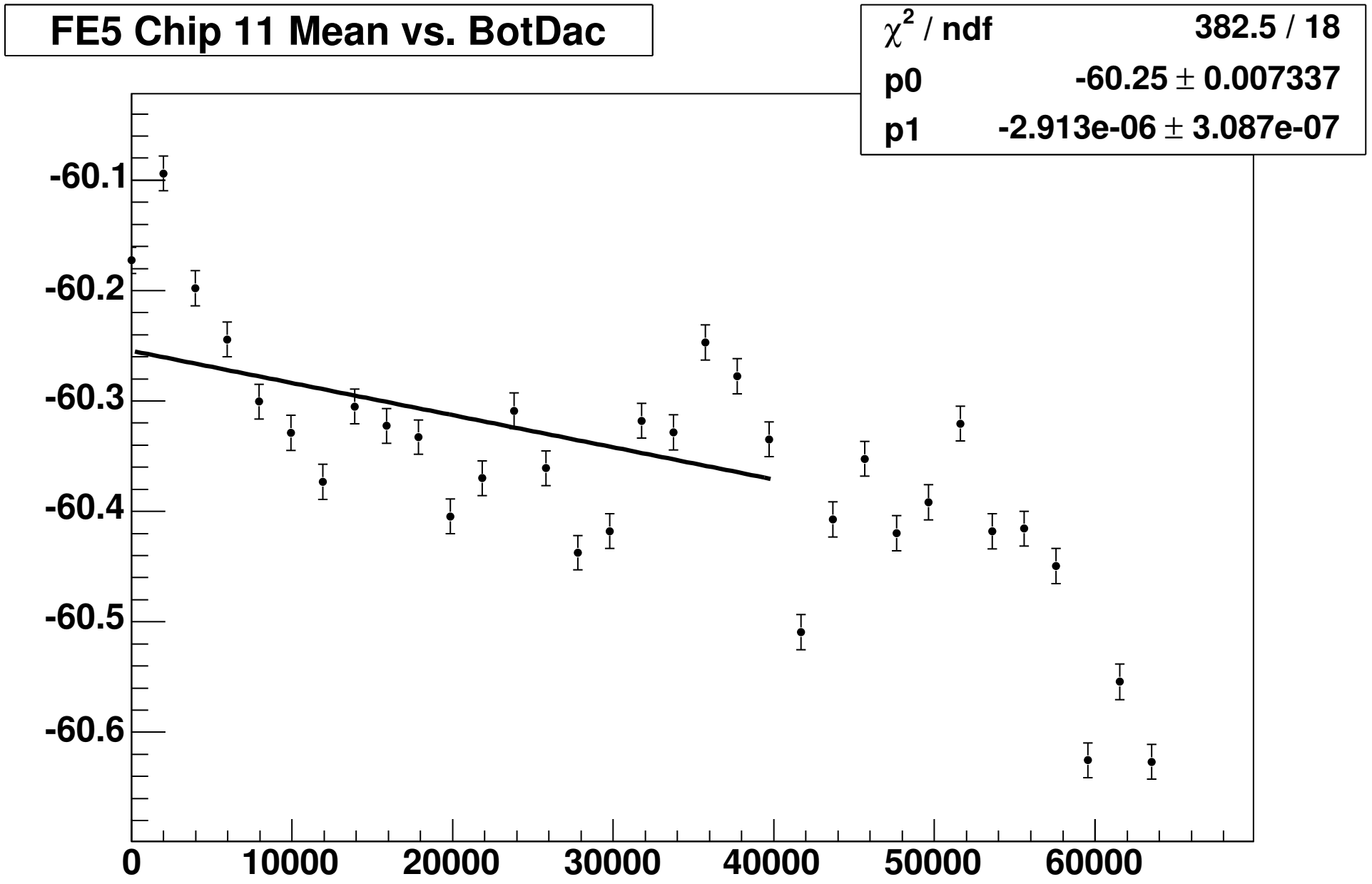
40000
50000
60000


FE5 Chip 11 Mean vs. BotDac
χ² / ndf 382.5 / 18
p0 -60.25 ± 0.007337
p1 -2.913e-06 ± 3.087e-07
-60.1
-60.2
-60.3
-60.4
-60.5
-60.6
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10000
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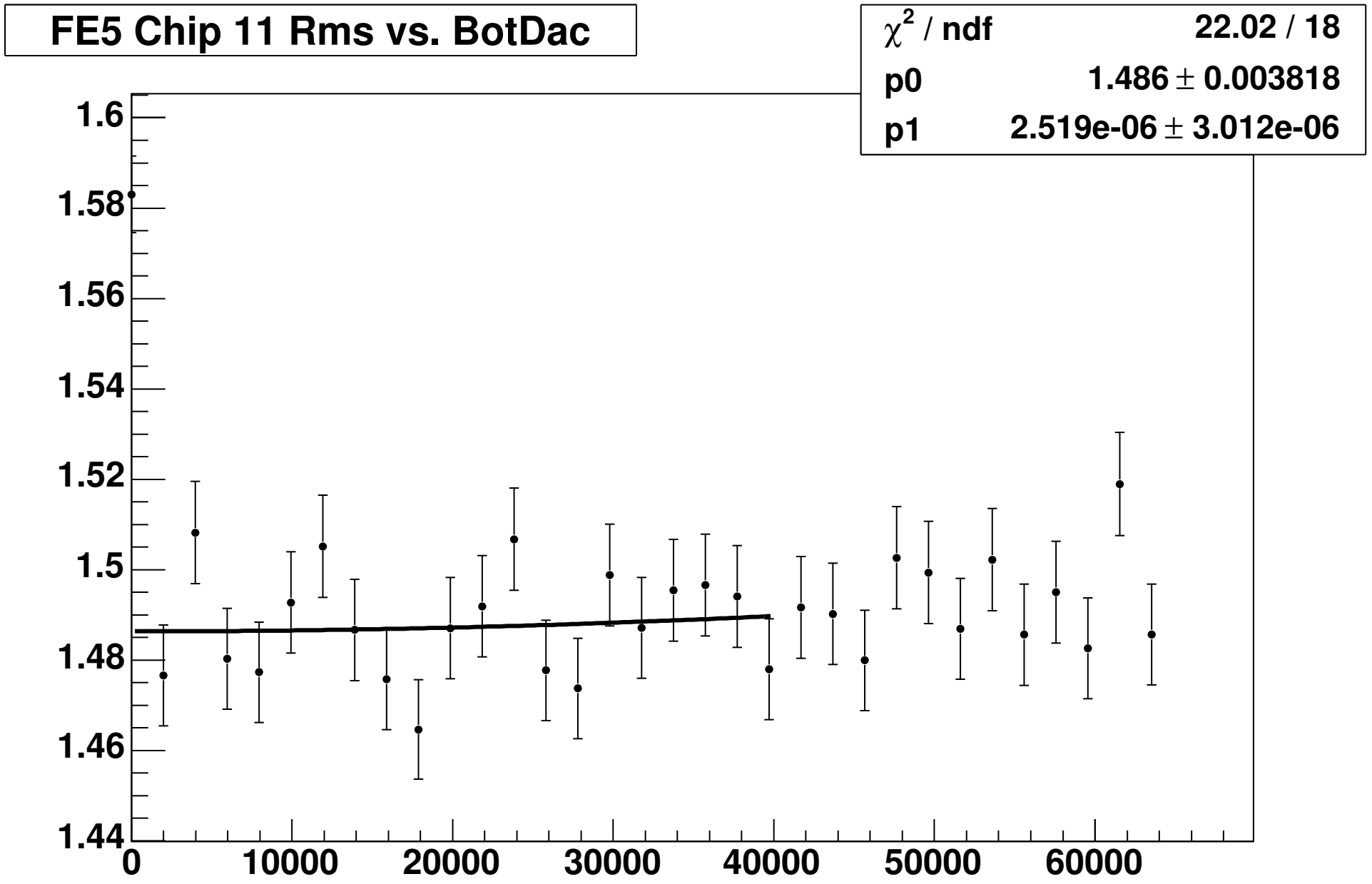
30000
40000
50000
60000


FE5 Chip 11 Rms vs. BotDac
χ² / ndf 22.02 / 18
p0 1.486 ± 0.003818
p1 2.519e-06 ± 3.012e-06
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
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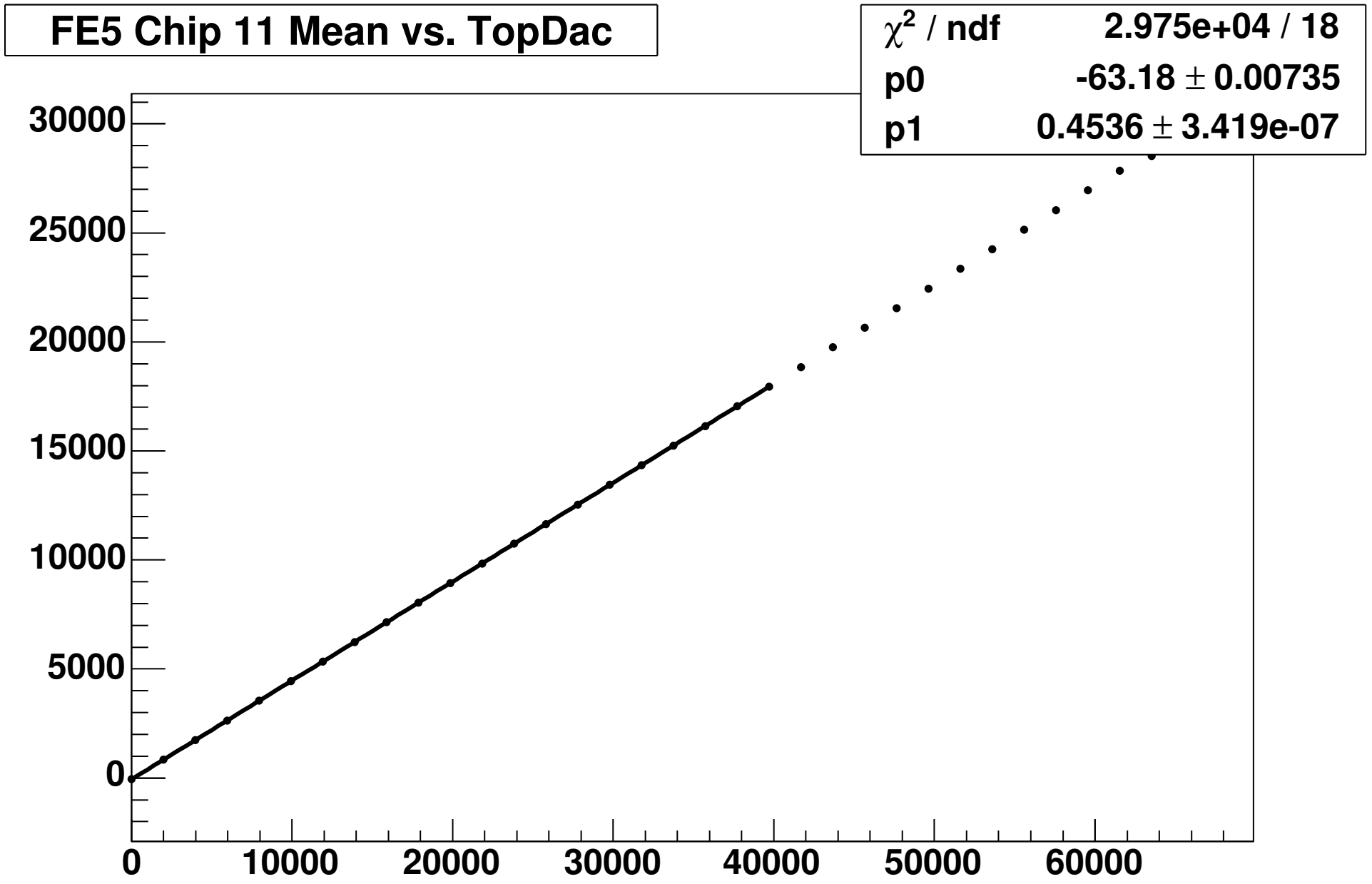
FE5 Chip 11 Mean vs. TopDac
χ² / ndf 2.975e+04 / 18
p0 -63.18 ± 0.00735
p1 0.4536 ± 3.419e-07
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15000
10000
5000
0
0
10000
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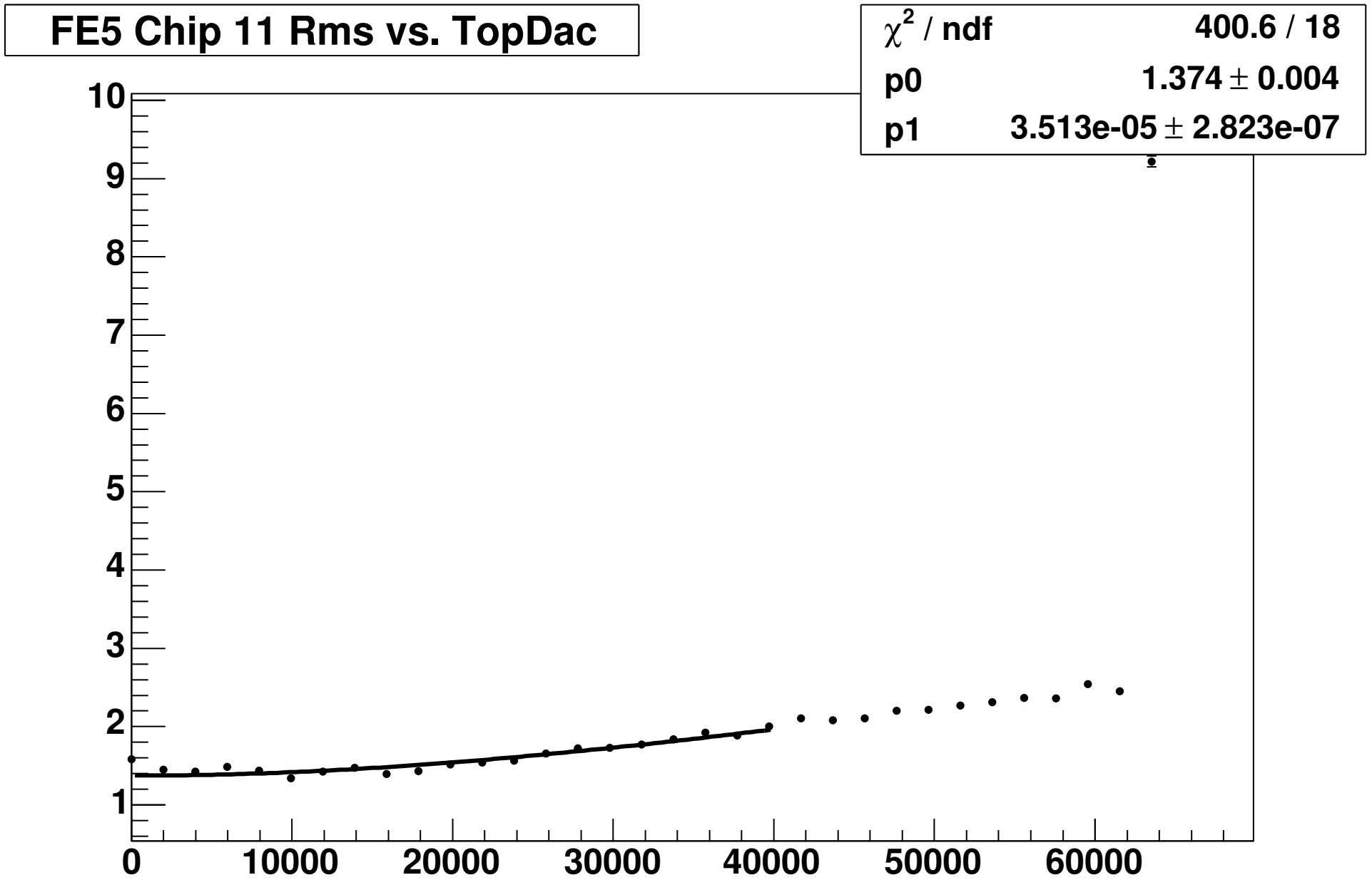
30000
40000
50000
60000


FE5 Chip 11 Rms vs. TopDac
χ² / ndf 400.6 / 18
p0 1.374 ± 0.004
p1 3.513e-05 ± 2.823e-07
10
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8
7
6
5
4
3
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1
0
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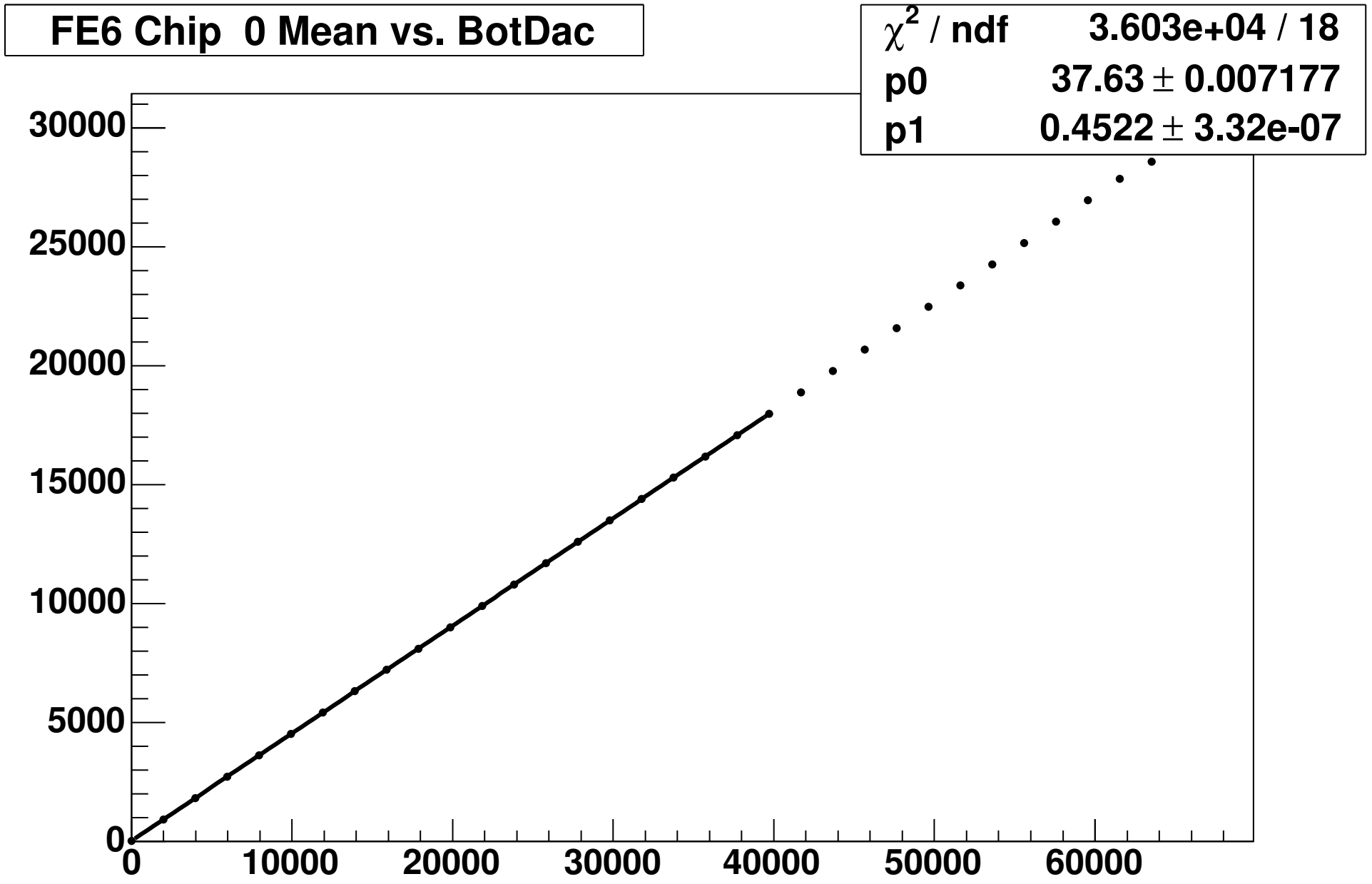
60000


FE6 Chip 0 Mean vs. BotDac
χ² / ndf 3.603e+04 / 18
p0 37.63 ± 0.007177
p1 0.4522 ± 3.32e-07
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25000
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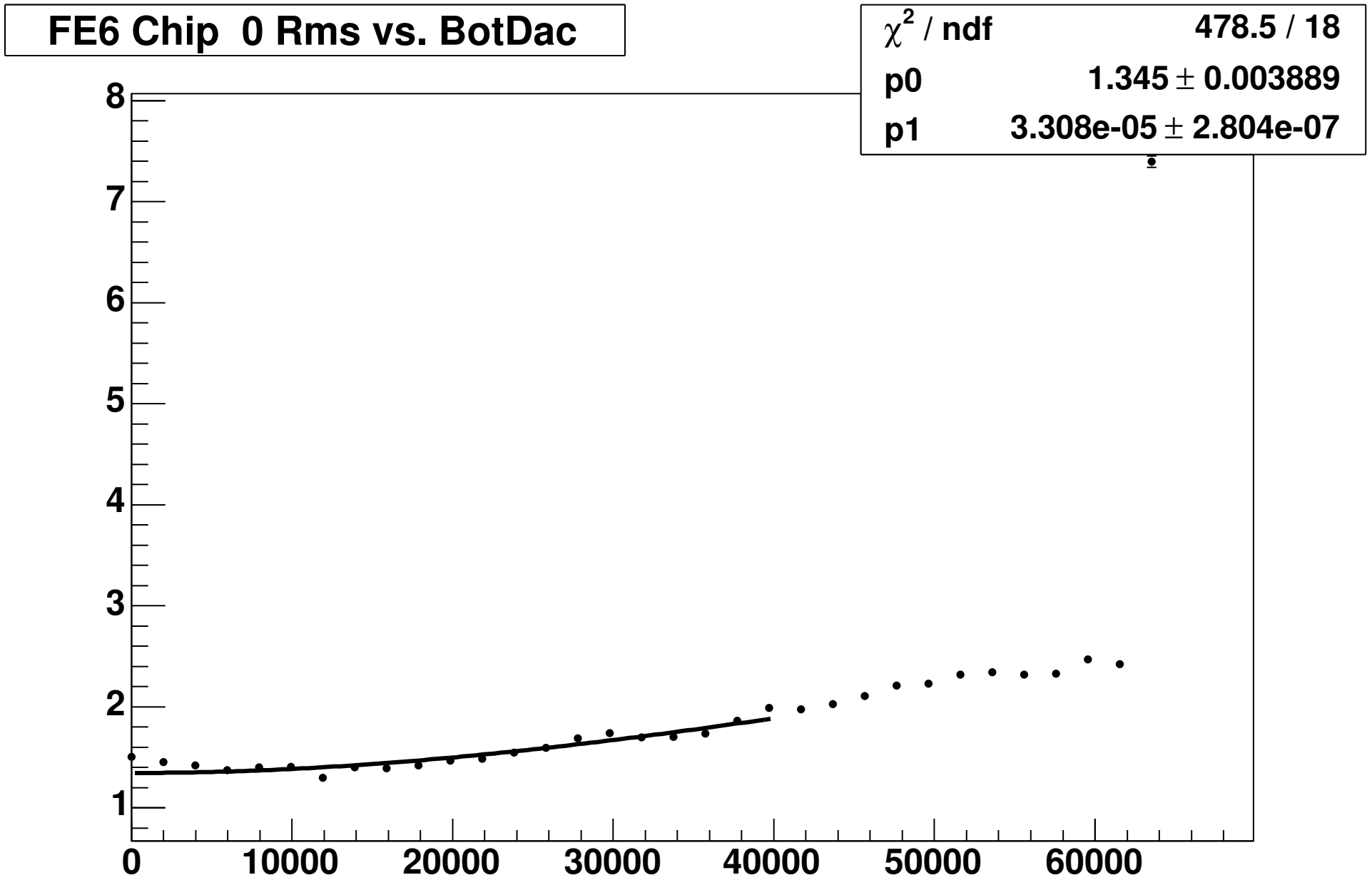
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 0 Rms vs. BotDac
χ² / ndf 478.5 / 18
p0 1.345 ± 0.003889
p1 3.308e-05 ± 2.804e-07
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6
5
4
3
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1
0
10000
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50000
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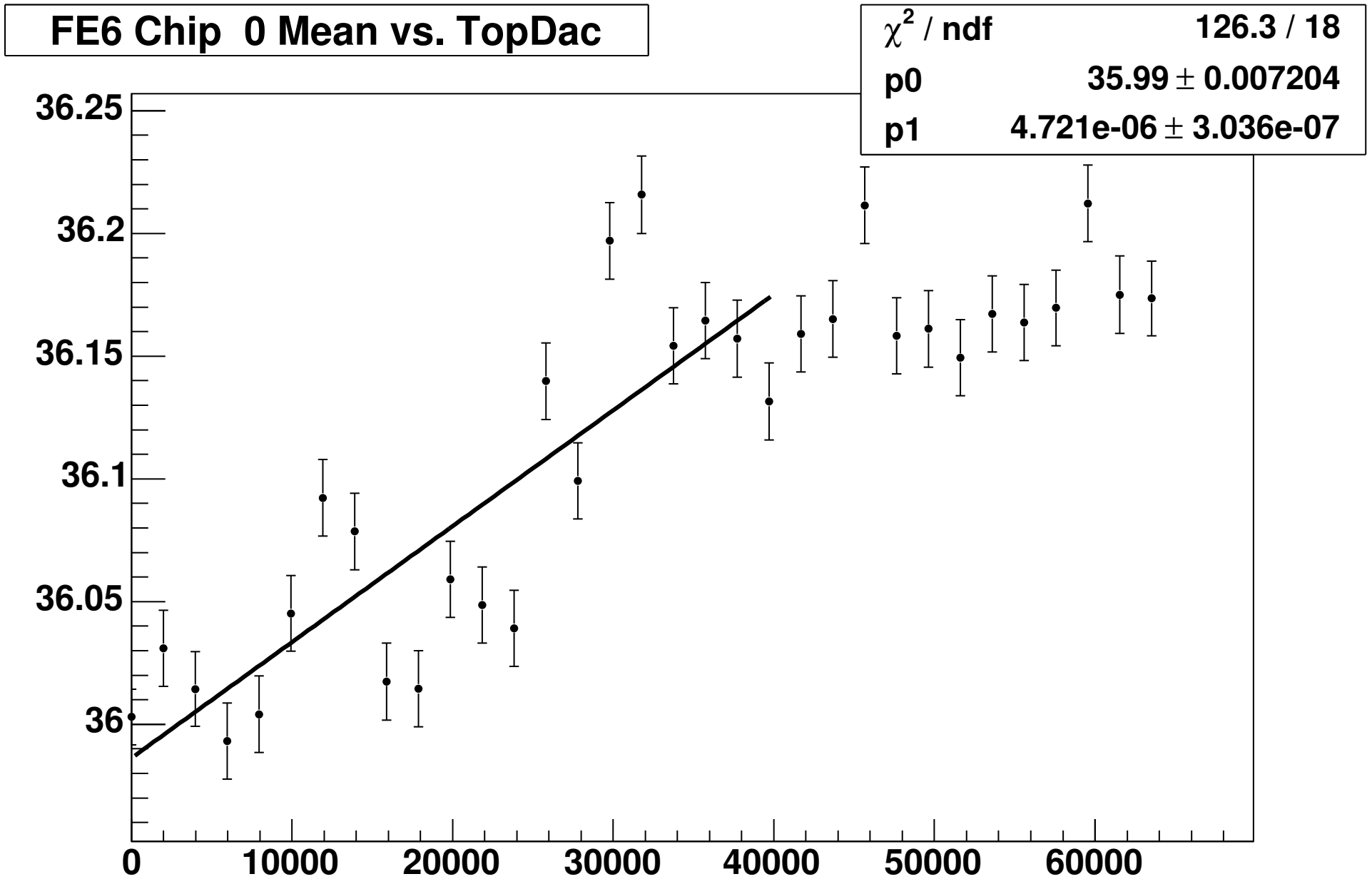
FE6 Chip 0 Mean vs. TopDac
χ² / ndf 126.3 / 18
p0 35.99 ± 0.007204
p1 4.721e-06 ± 3.036e-07
36.25
36.2
36.15
36.1
36.05
36
0
10000
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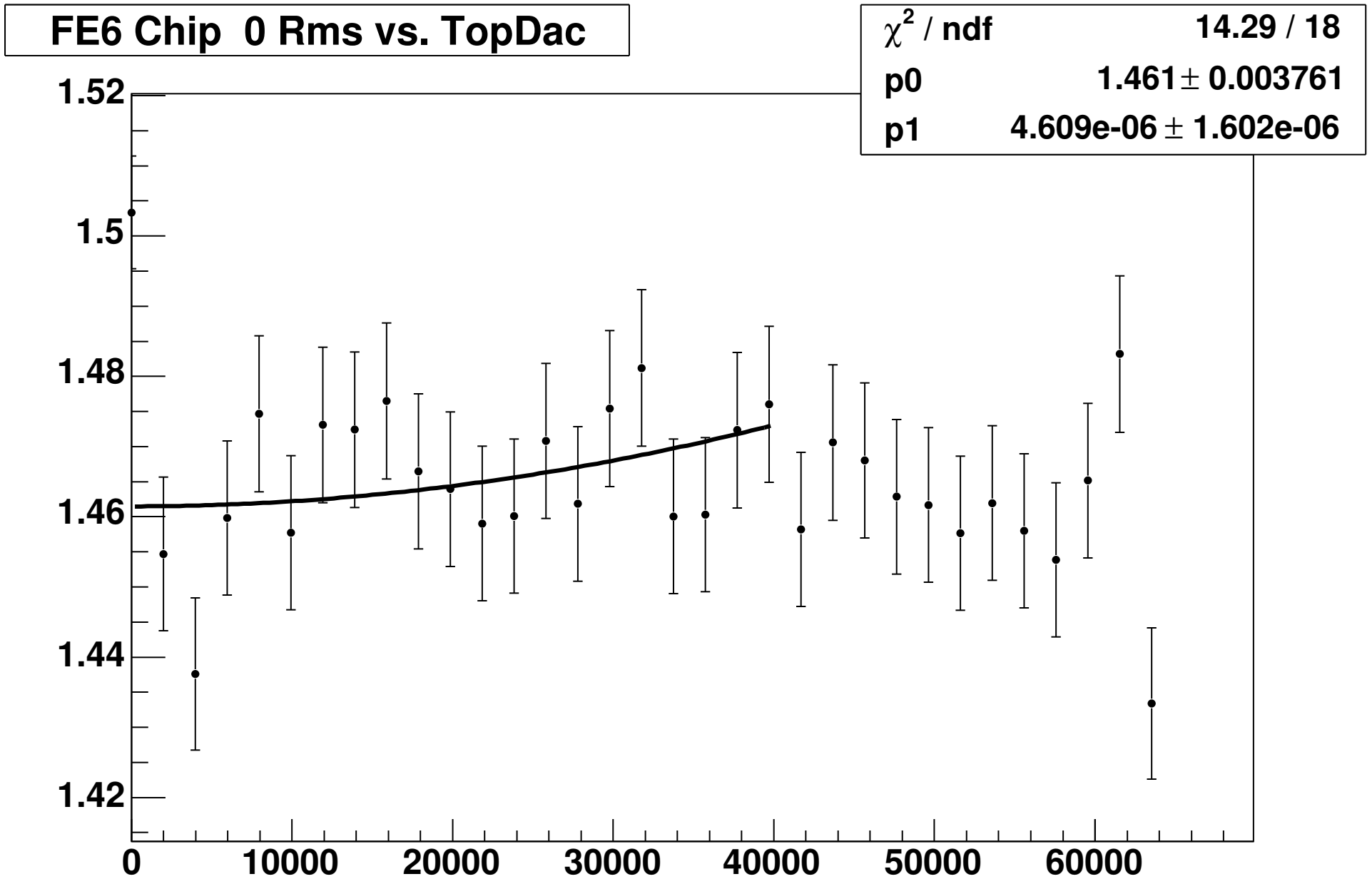
50000
60000


FE6 Chip 0 Rms vs. TopDac
χ² / ndf 14.29 / 18
p0 1.461 ± 0.003761
p1 4.609e-06 ± 1.602e-06
1.52
1.5
1.48
1.46
1.44
1.42
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10000
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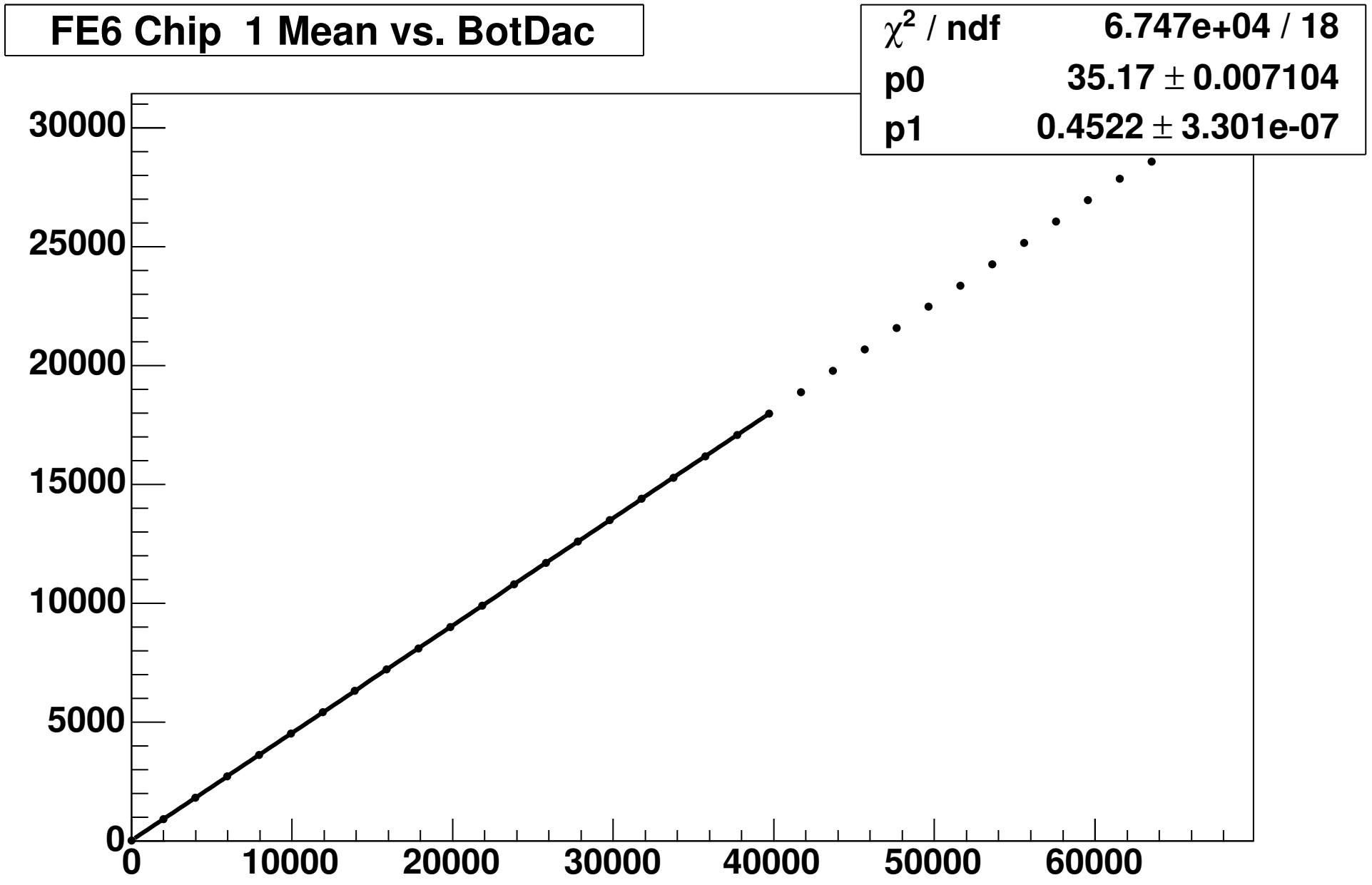
50000
60000


FE6 Chip 1 Mean vs. BotDac
χ² / ndf 6.747e+04 / 18
p0 35.17 ± 0.007104
p1 0.4522 ± 3.301e-07
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25000
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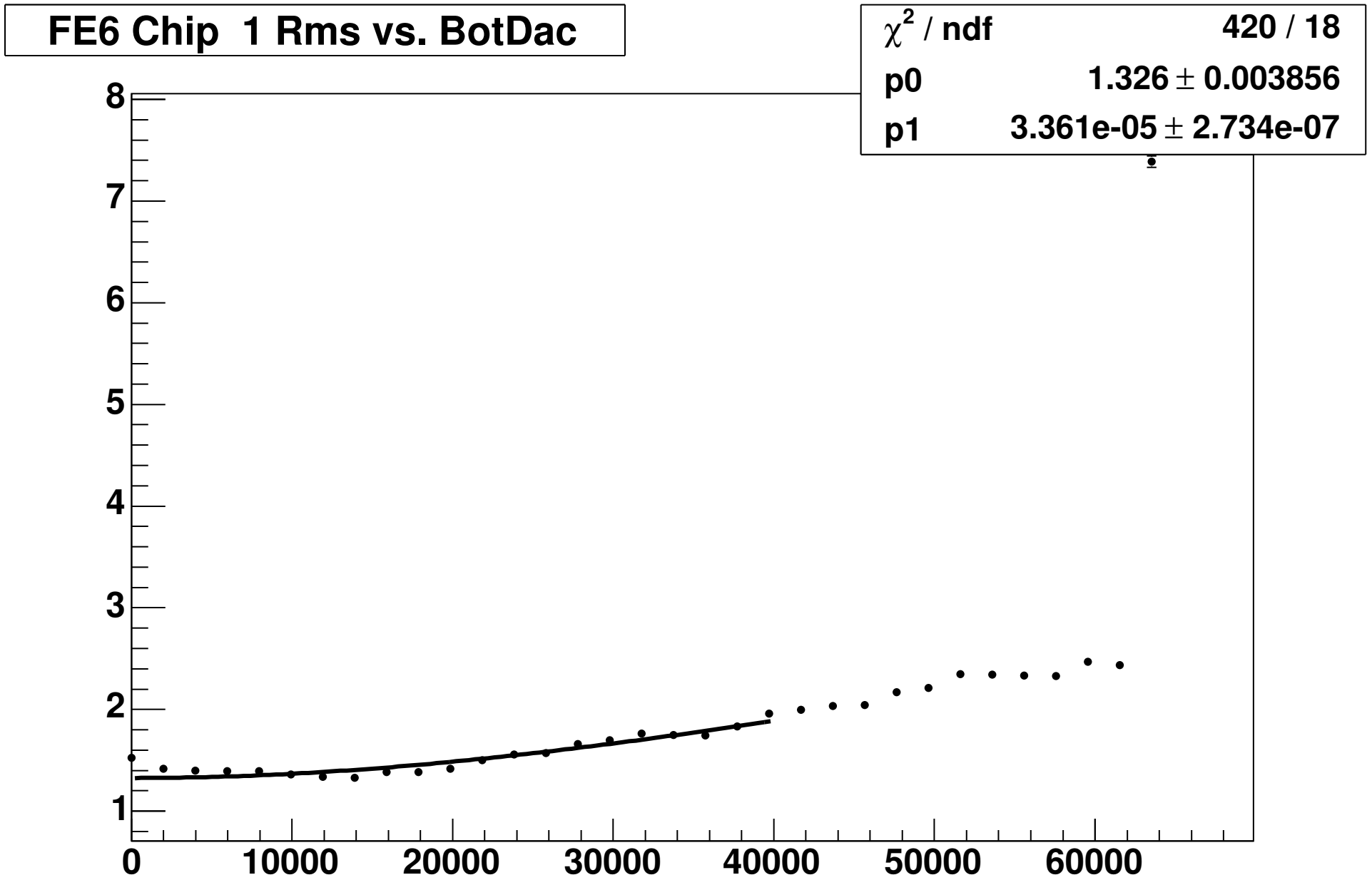
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 1 Rms vs. BotDac
χ² / ndf 420 / 18
p0 1.326 ± 0.003856
p1 3.361e-05 ± 2.734e-07
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7
6
5
4
3
2
1
0
10000
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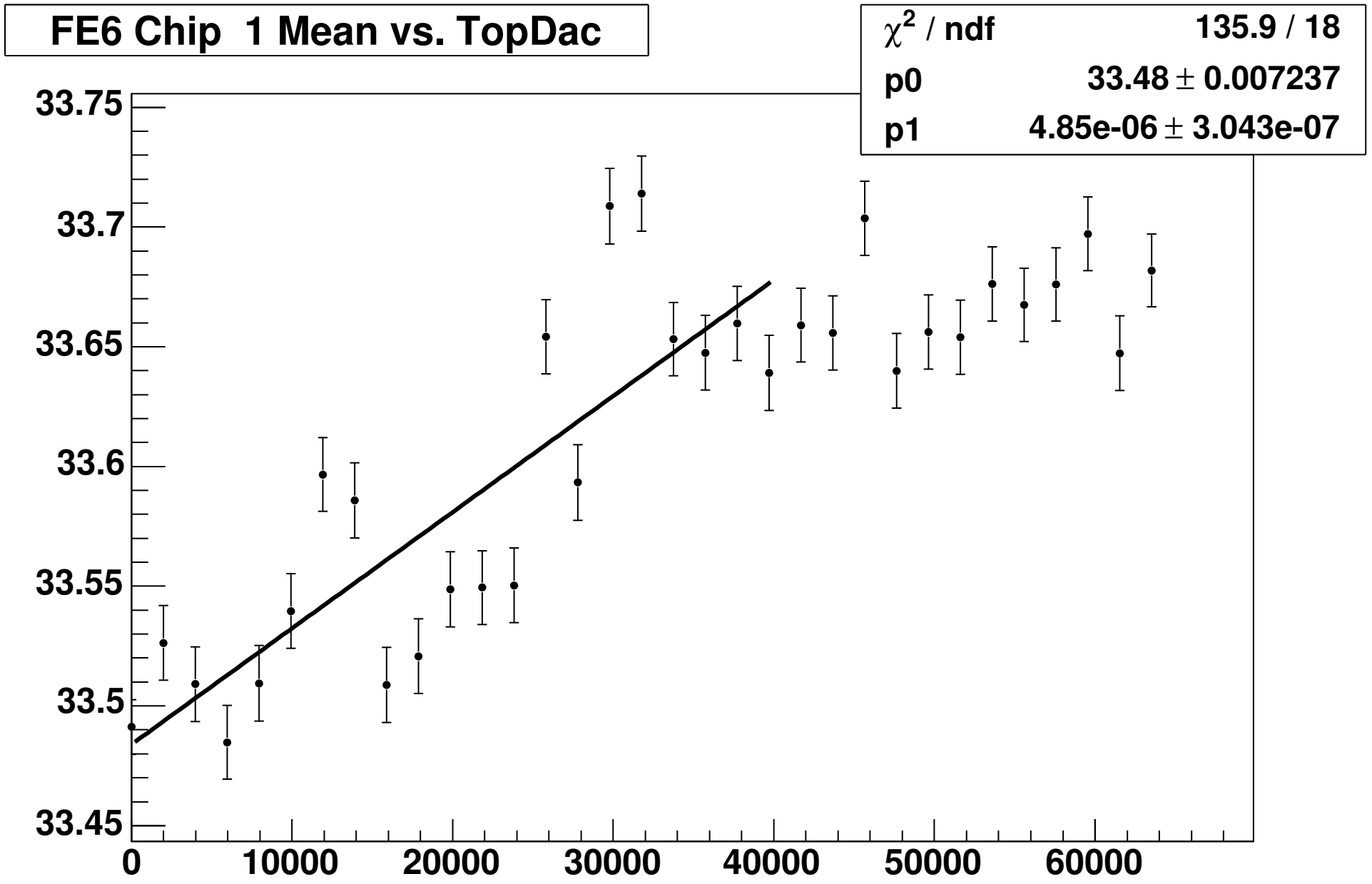
30000
40000
50000
60000


FE6 Chip 1 Mean vs. TopDac
χ² / ndf 135.9 / 18
p0 33.48 ± 0.007237
p1 4.85e-06 ± 3.043e-07
33.75
33.7
33.65
33.6
33.55
33.5
33.45
0
10000
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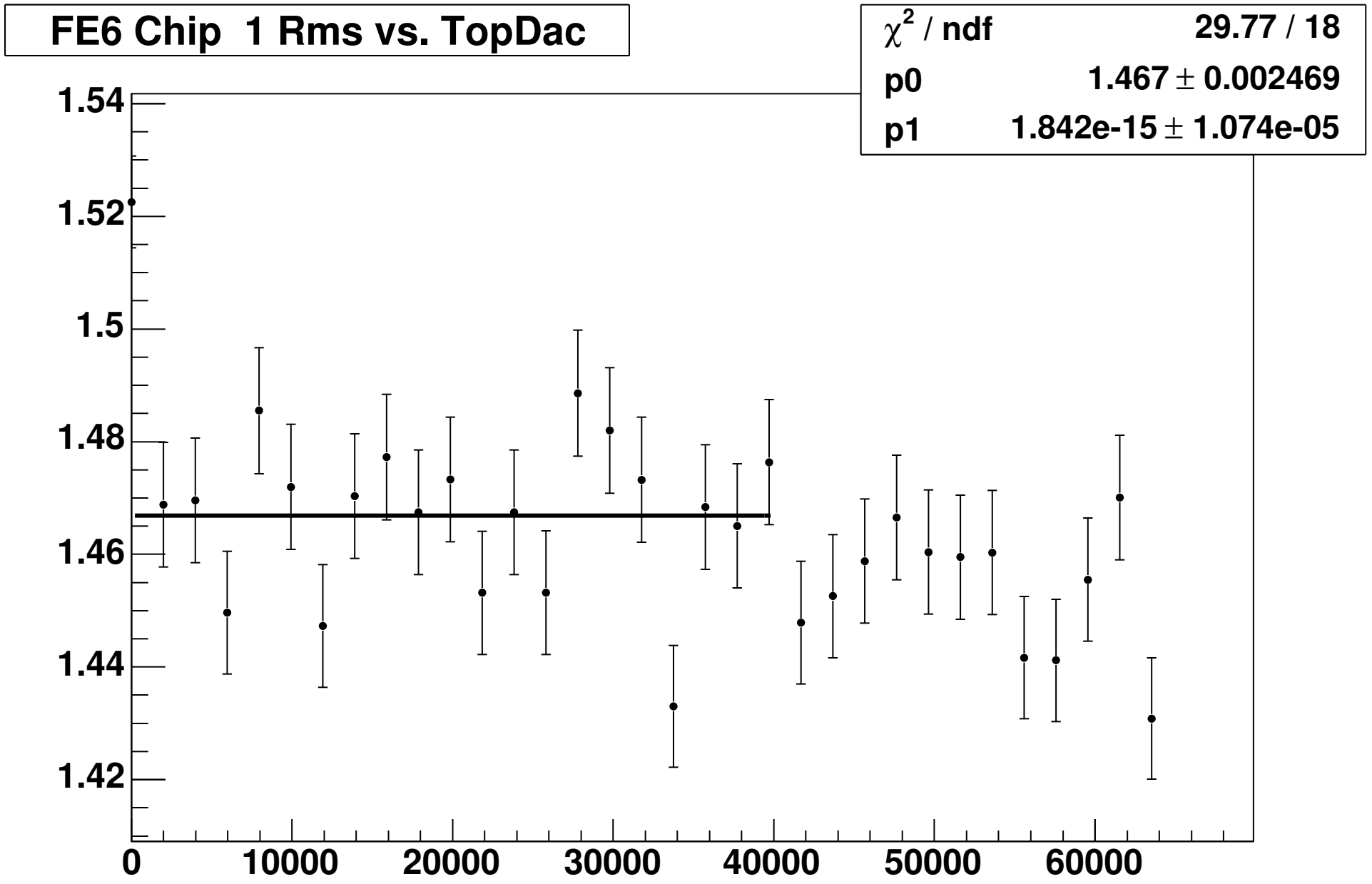
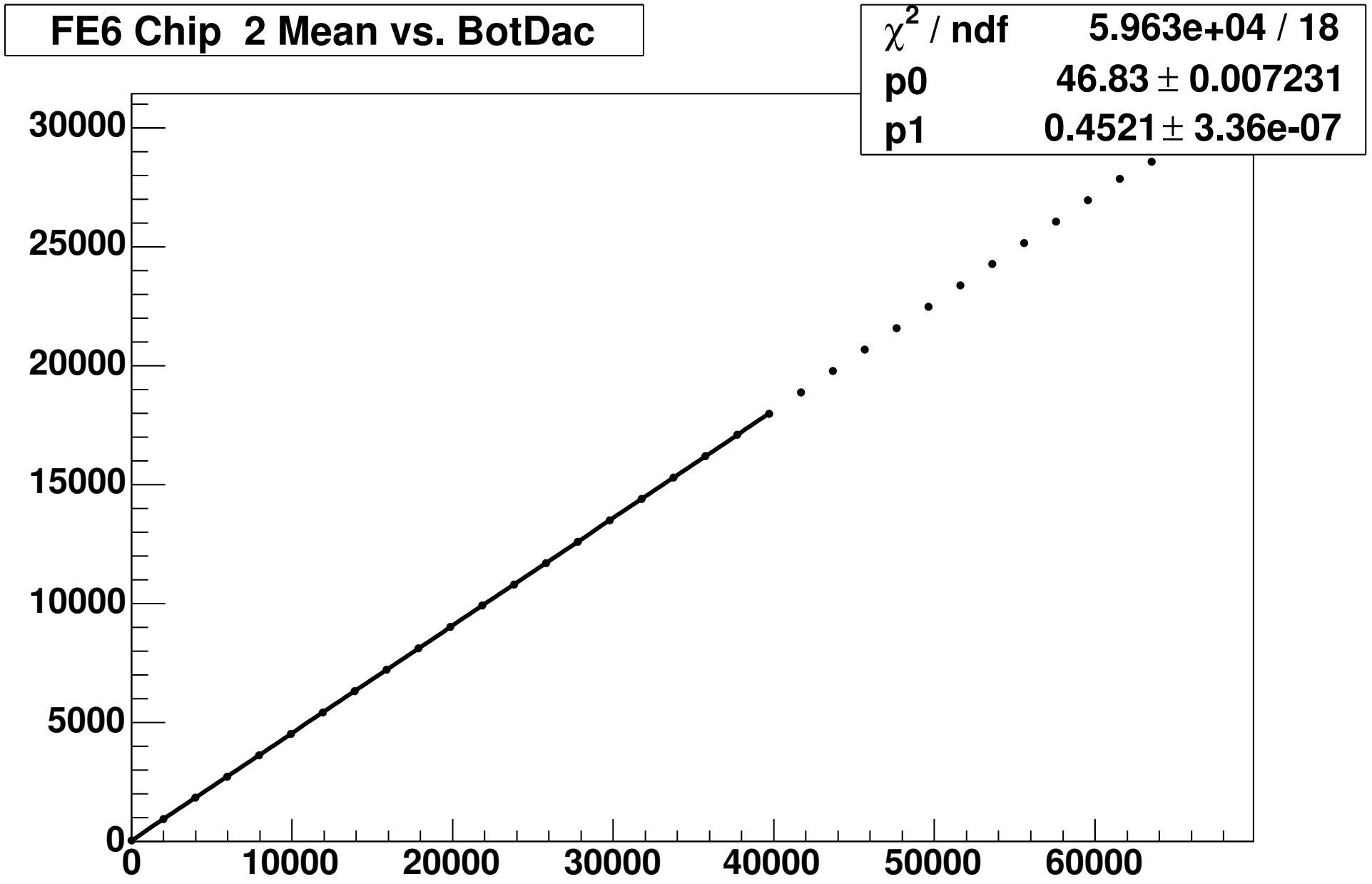
40000
50000
60000


FE6 Chip 1 Rms vs. TopDac
χ² / ndf 29.77 / 18
p0 1.467 ± 0.002469
p1 1.842e-15 ± 1.074e-05
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000


FE6 Chip 2 Mean vs. BotDac
χ² / ndf 5.963e+04 / 18
p0 46.83 ± 0.007231
p1 0.4521 ± 3.36e-07
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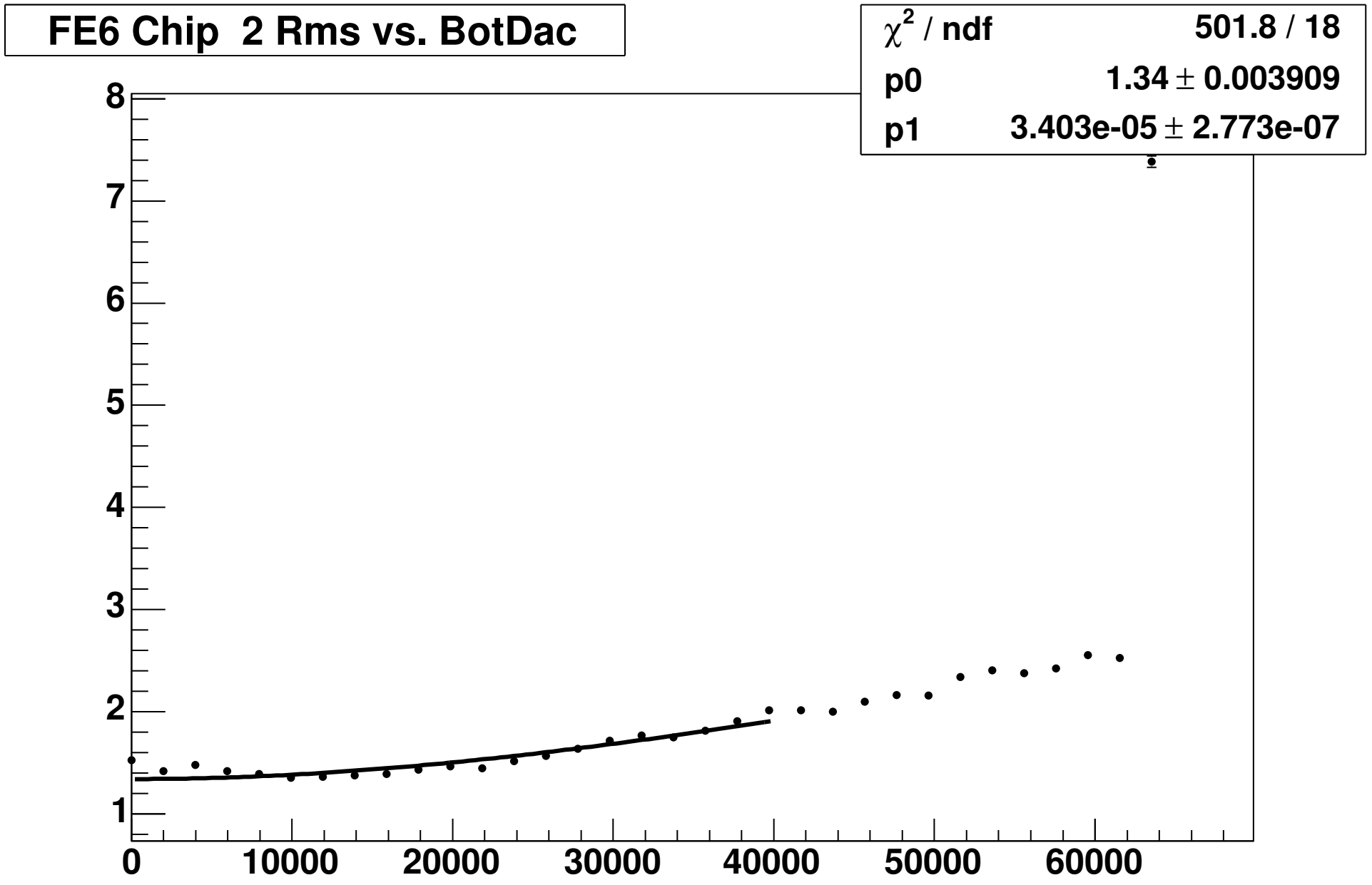
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 2 Rms vs. BotDac
χ² / ndf 501.8 / 18
p0 1.34 ± 0.003909
p1 3.403e-05 ± 2.773e-07
8
7
6
5
4
3
2
1
0
10000
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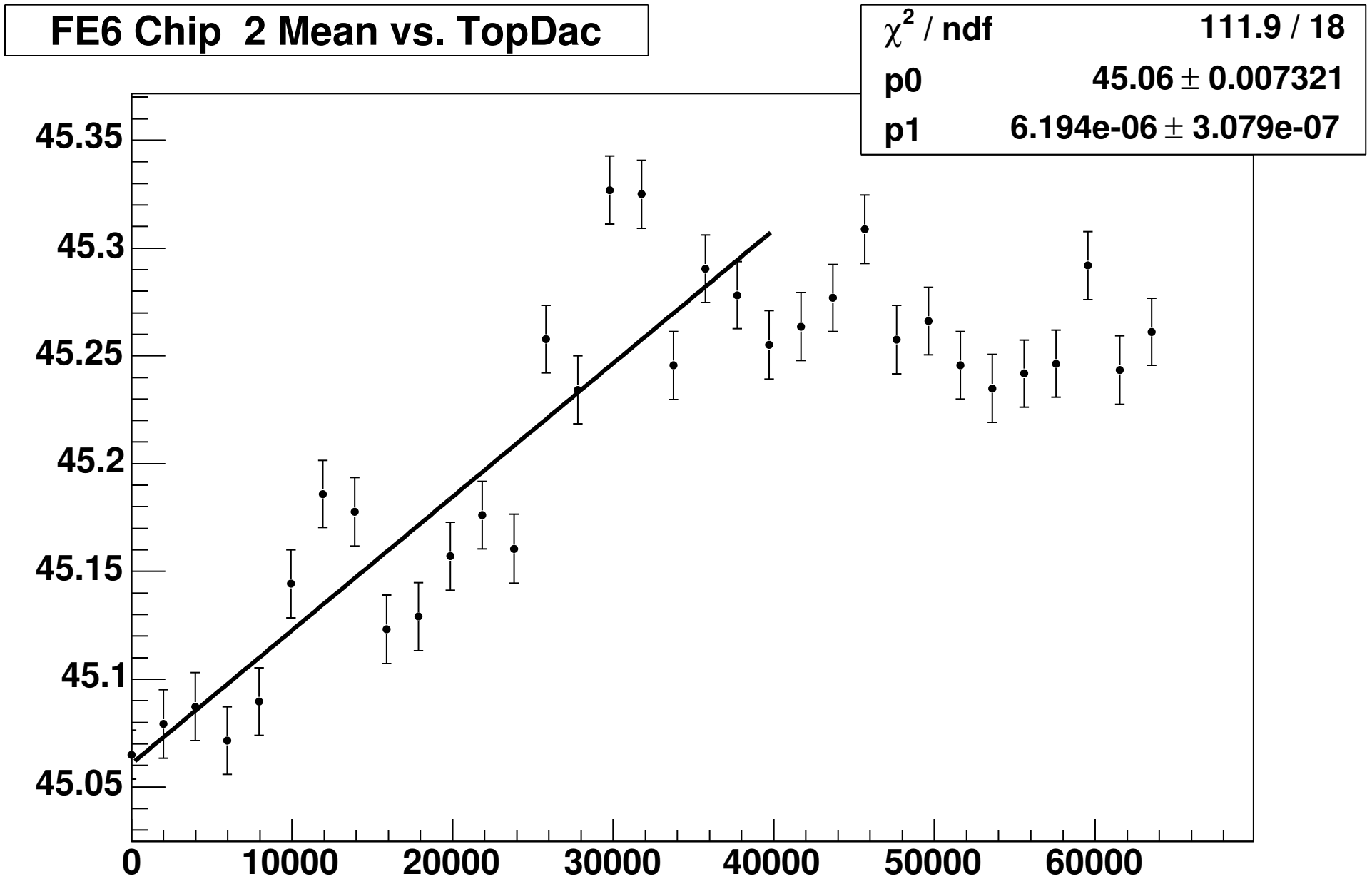
30000
40000
50000
60000


FE6 Chip 2 Mean vs. TopDac
χ² / ndf 111.9 / 18
p0 45.06 ± 0.007321
p1 6.194e-06 ± 3.079e-07
45.35
45.3
45.25
45.2
45.15
45.1
45.05
0
10000
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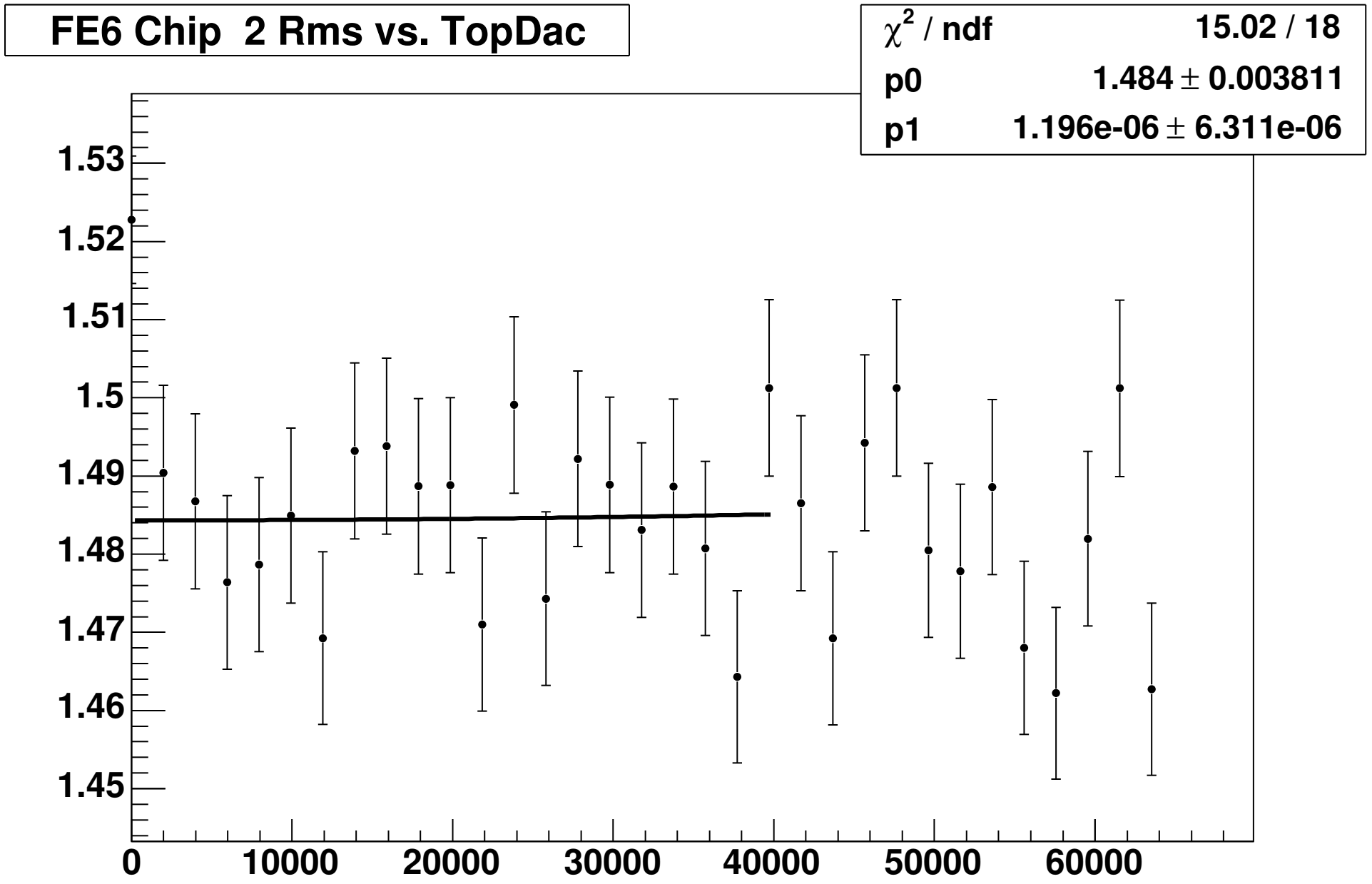
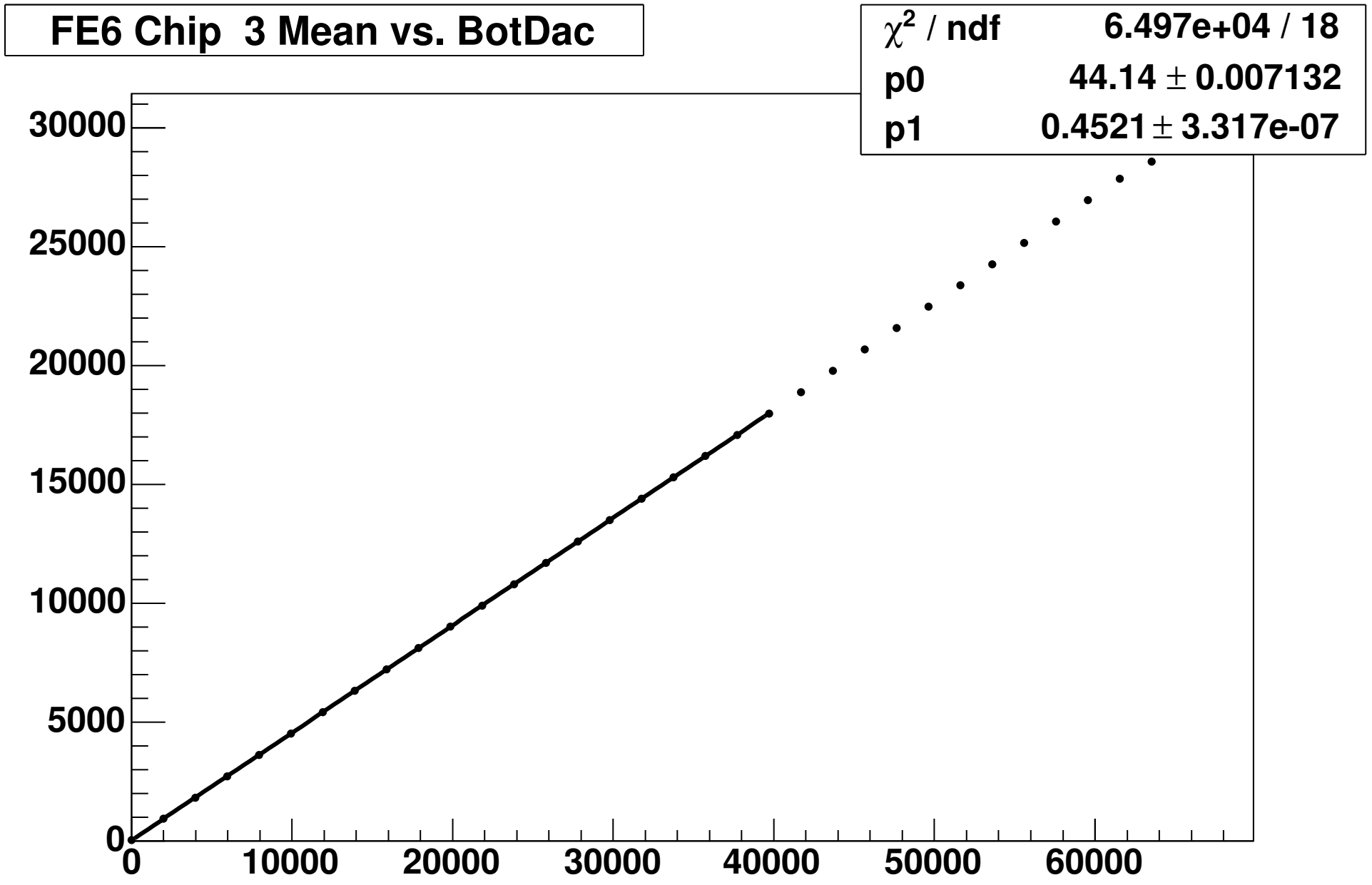
40000
50000
60000


FE6 Chip 2 Rms vs. TopDac
χ² / ndf 15.02 / 18
p0 1.484 ± 0.003811
p1 1.196e-06 ± 6.311e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
0
10000
20000
30000
40000
50000
60000


FE6 Chip 3 Mean vs. BotDac
χ² / ndf 6.497e+04 / 18
p0 44.14 ± 0.007132
p1 0.4521 ± 3.317e-07
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25000
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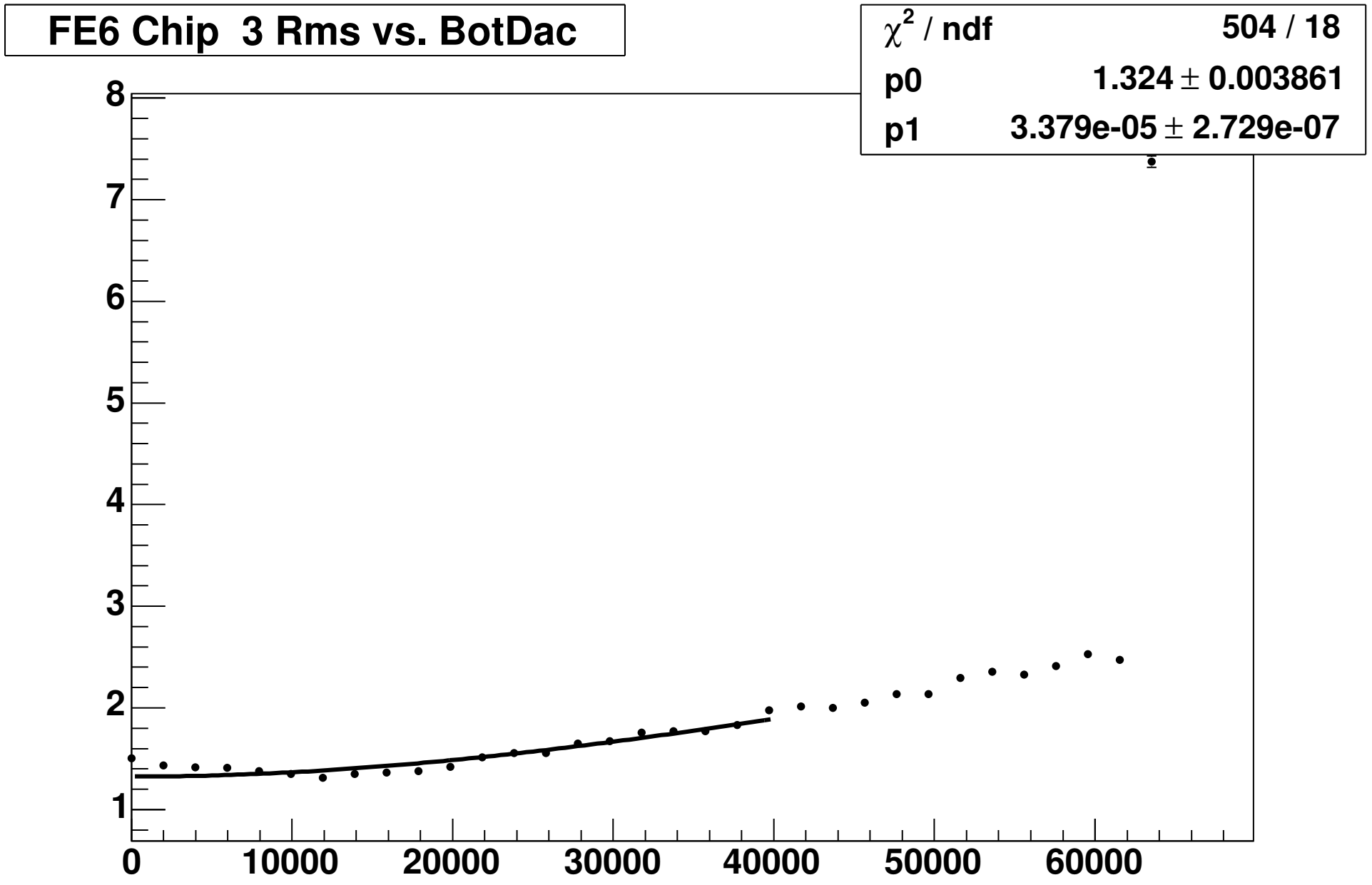
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 3 Rms vs. BotDac
χ² / ndf 504 / 18
p0 1.324 ± 0.003861
p1 3.379e-05 ± 2.729e-07
8
7
6
5
4
3
2
1
0
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20000
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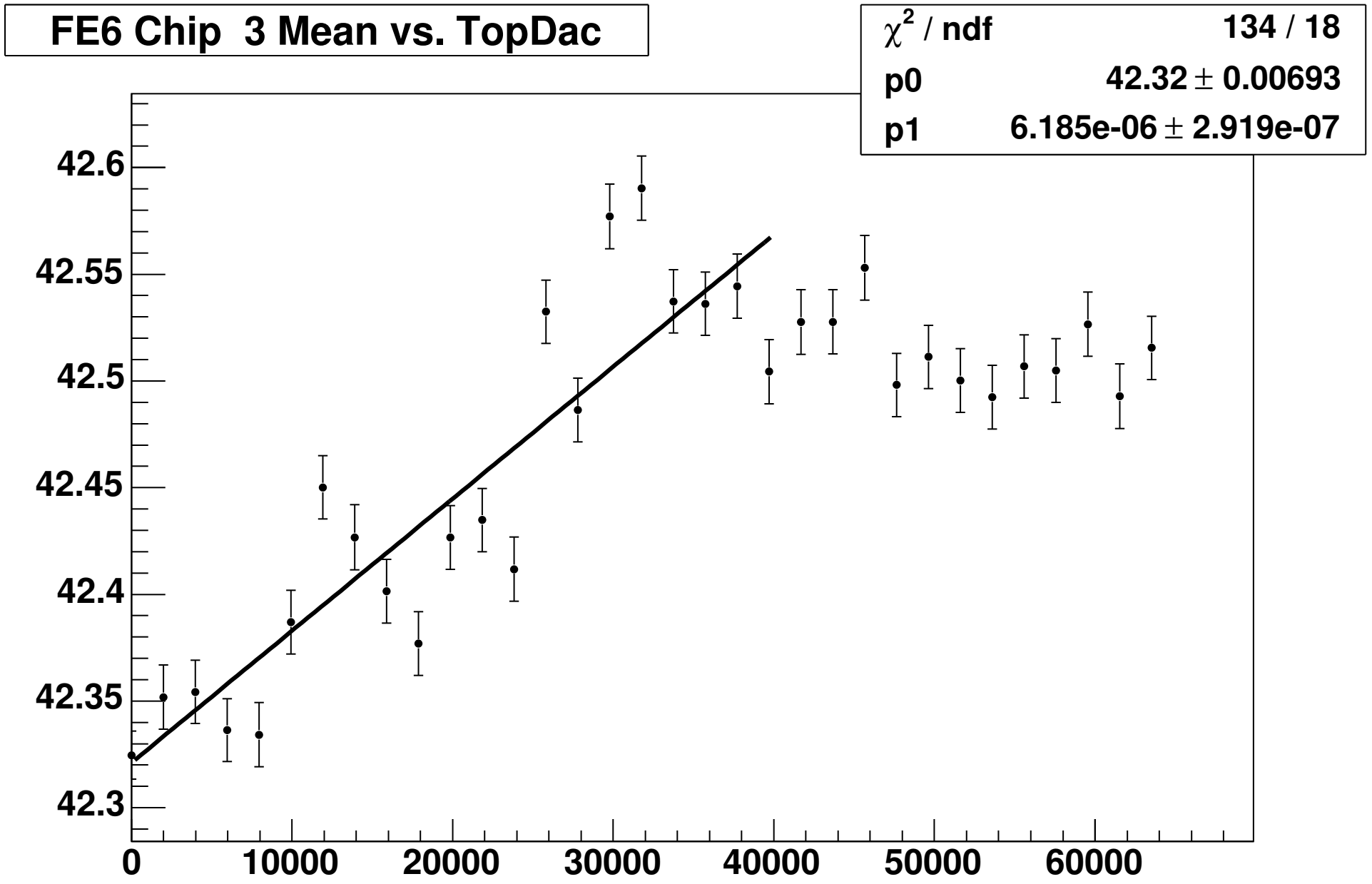
40000
50000
60000


FE6 Chip 3 Mean vs. TopDac
χ² / ndf 134 / 18
p0 42.32 ± 0.00693
p1 6.185e-06 ± 2.919e-07
42.6
42.55
42.5
42.45
42.4
42.35
42.3
0
10000
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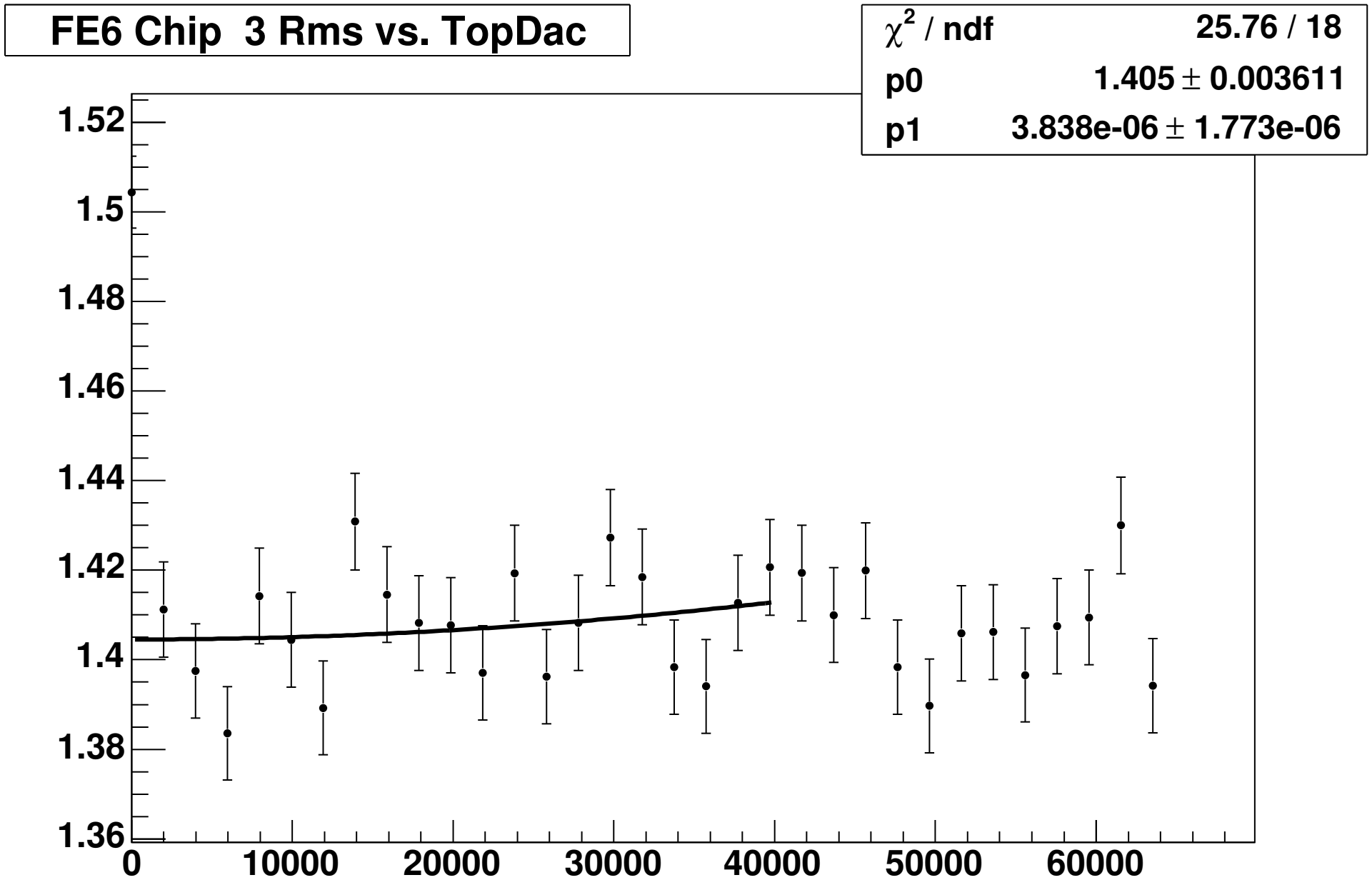
30000
40000
50000
60000


FE6 Chip 3 Rms vs. TopDac
χ² / ndf 25.76 / 18
p0 1.405 ± 0.003611
p1 3.838e-06 ± 1.773e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
1.36
0
10000
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30000
40000
50000
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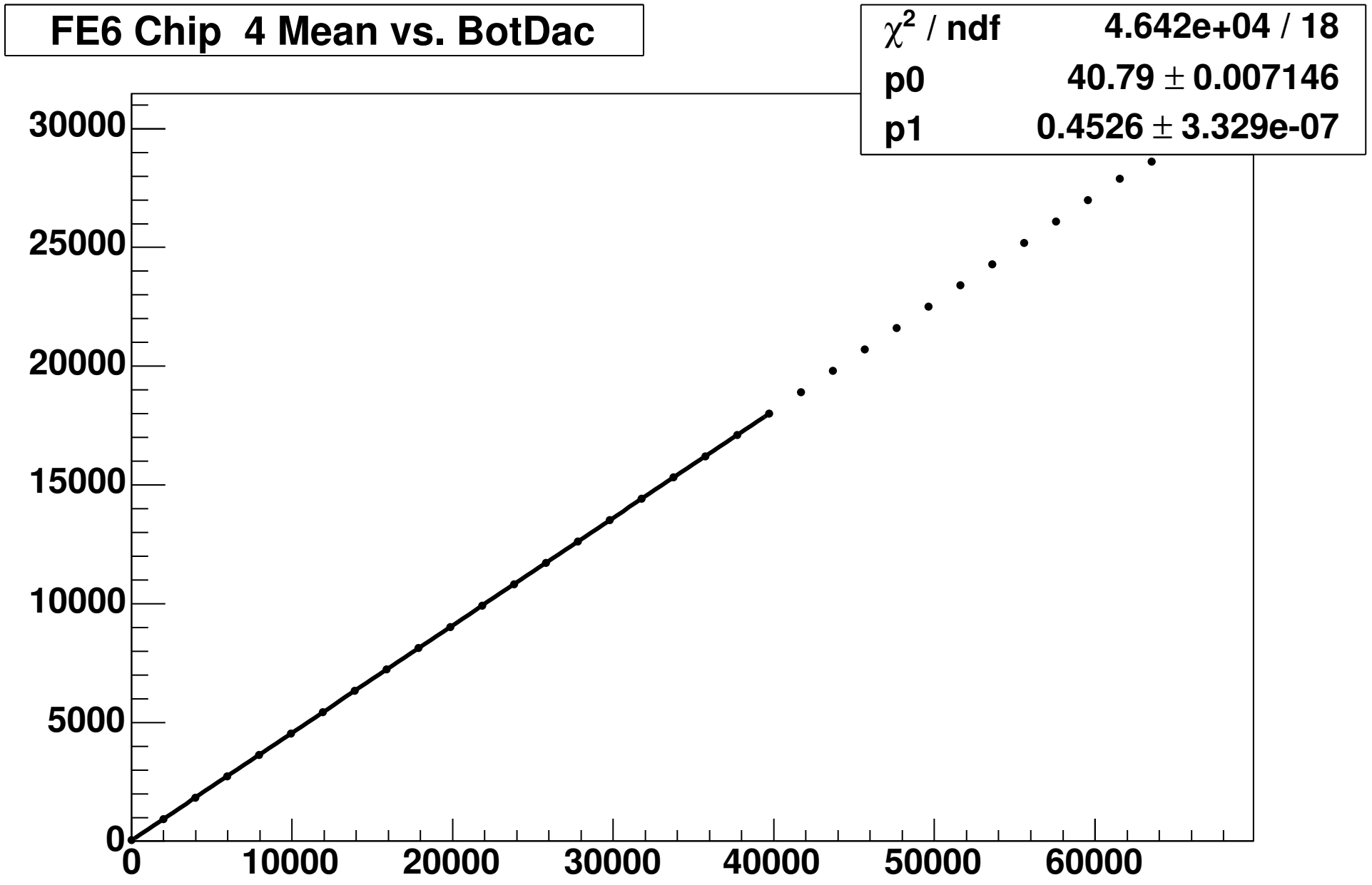
FE6 Chip 4 Mean vs. BotDac
χ² / ndf 4.642e+04 / 18
p0 40.79 ± 0.007146
p1 0.4526 ± 3.329e-07
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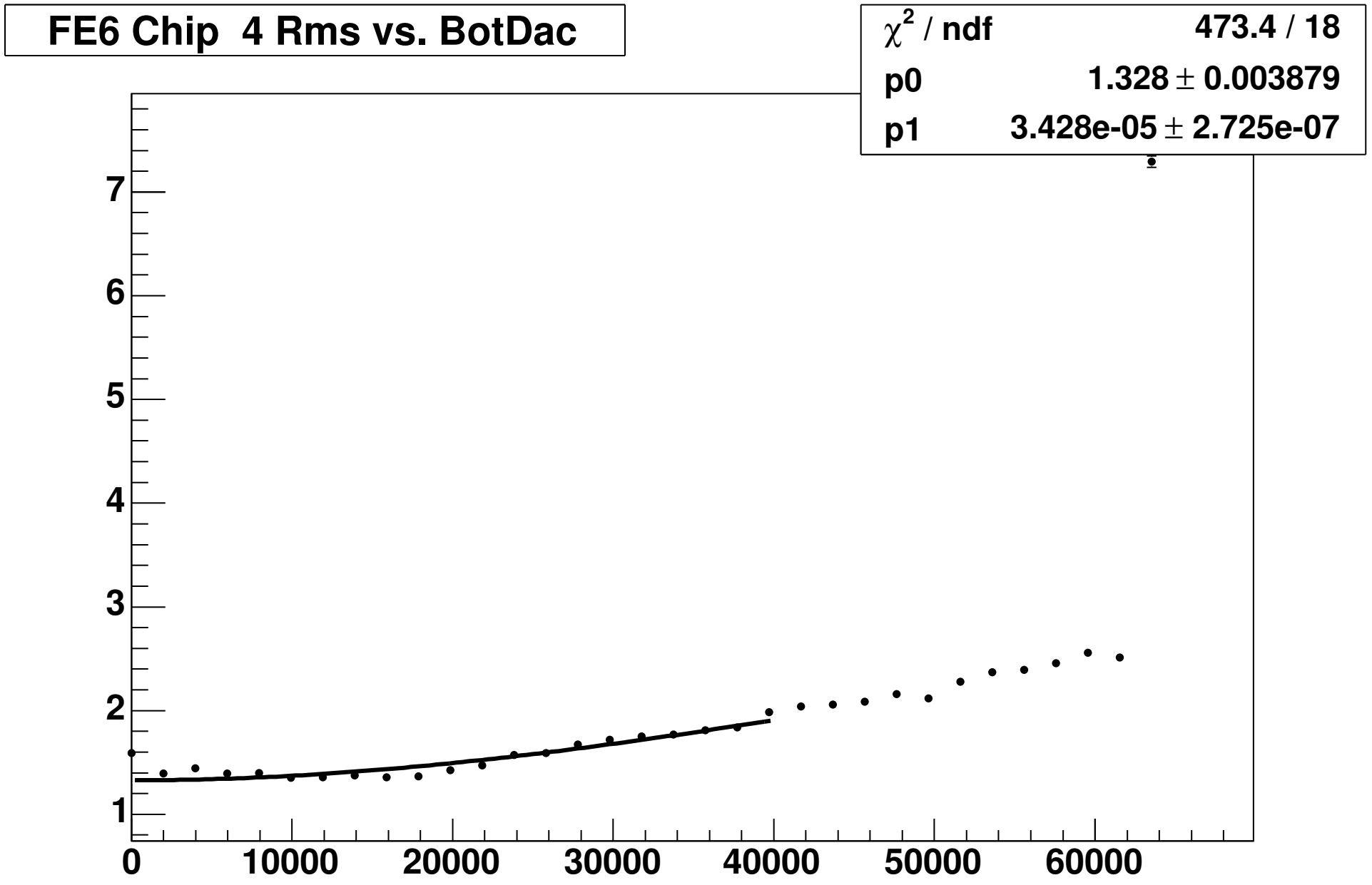
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 4 Rms vs. BotDac
χ² / ndf 473.4 / 18
p0 1.328 ± 0.003879
p1 3.428e-05 ± 2.725e-07
7
6
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4
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0
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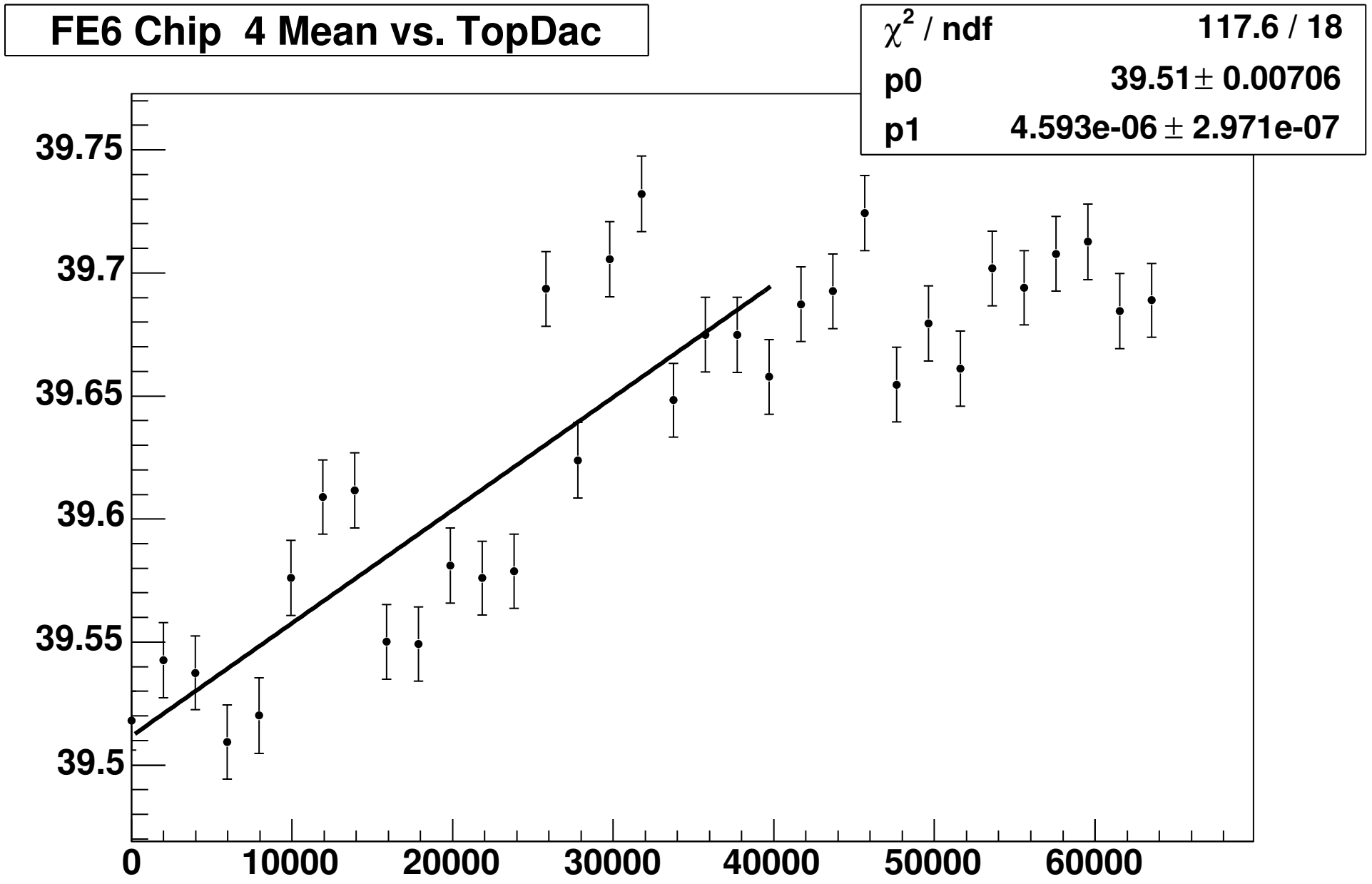
FE6 Chip 4 Mean vs. TopDac
χ² / ndf 117.6 / 18
p0 39.51 ± 0.00706
p1 4.593e-06 ± 2.971e-07
39.75
39.7
39.65
39.6
39.55
39.5
0
10000
20000
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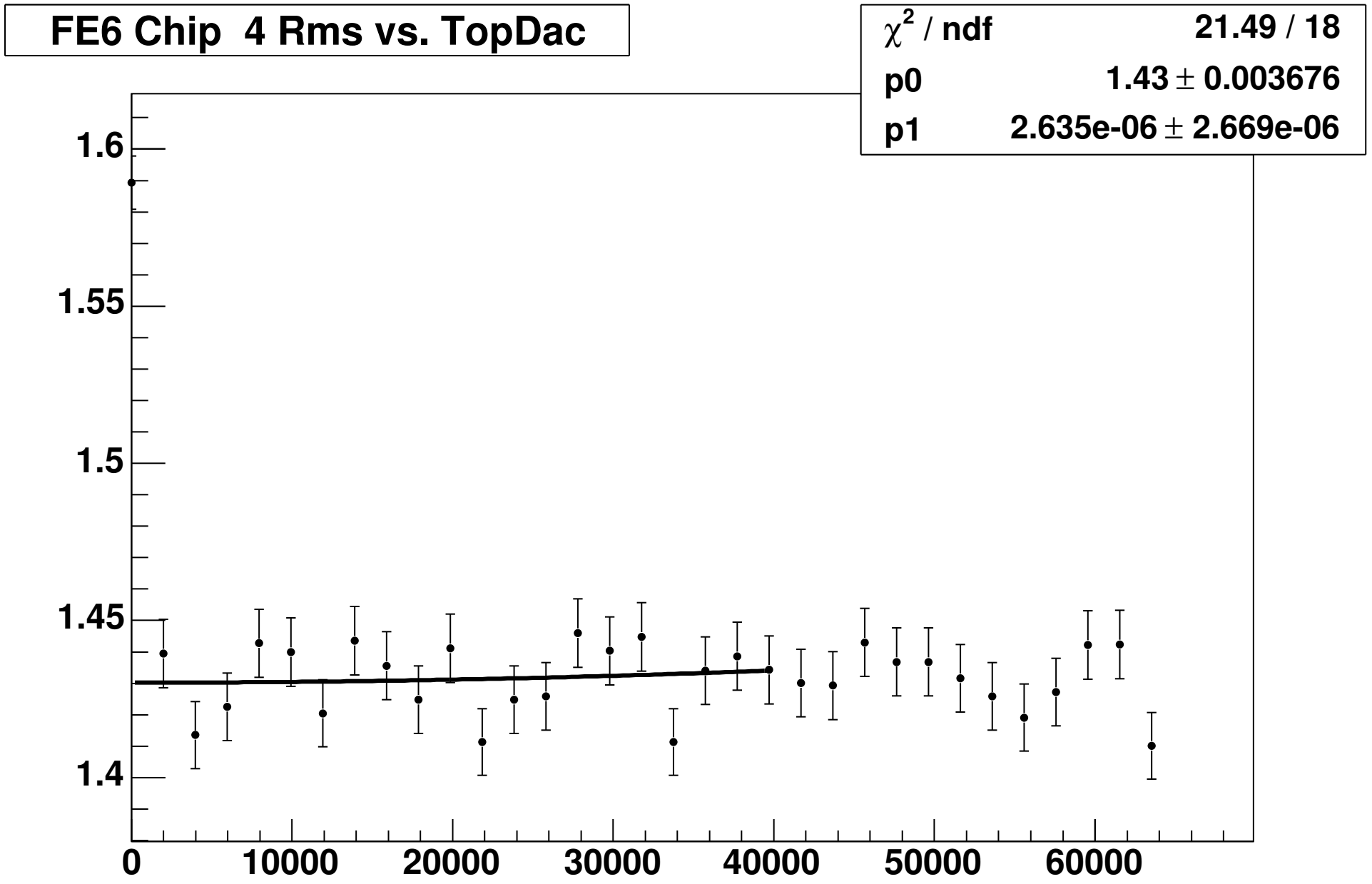
60000


FE6 Chip 4 Rms vs. TopDac
χ² / ndf 21.49 / 18
p0 1.43 ± 0.003676
p1 2.635e-06 ± 2.669e-06
1.6
1.55
1.5
1.45
1.4
0
10000
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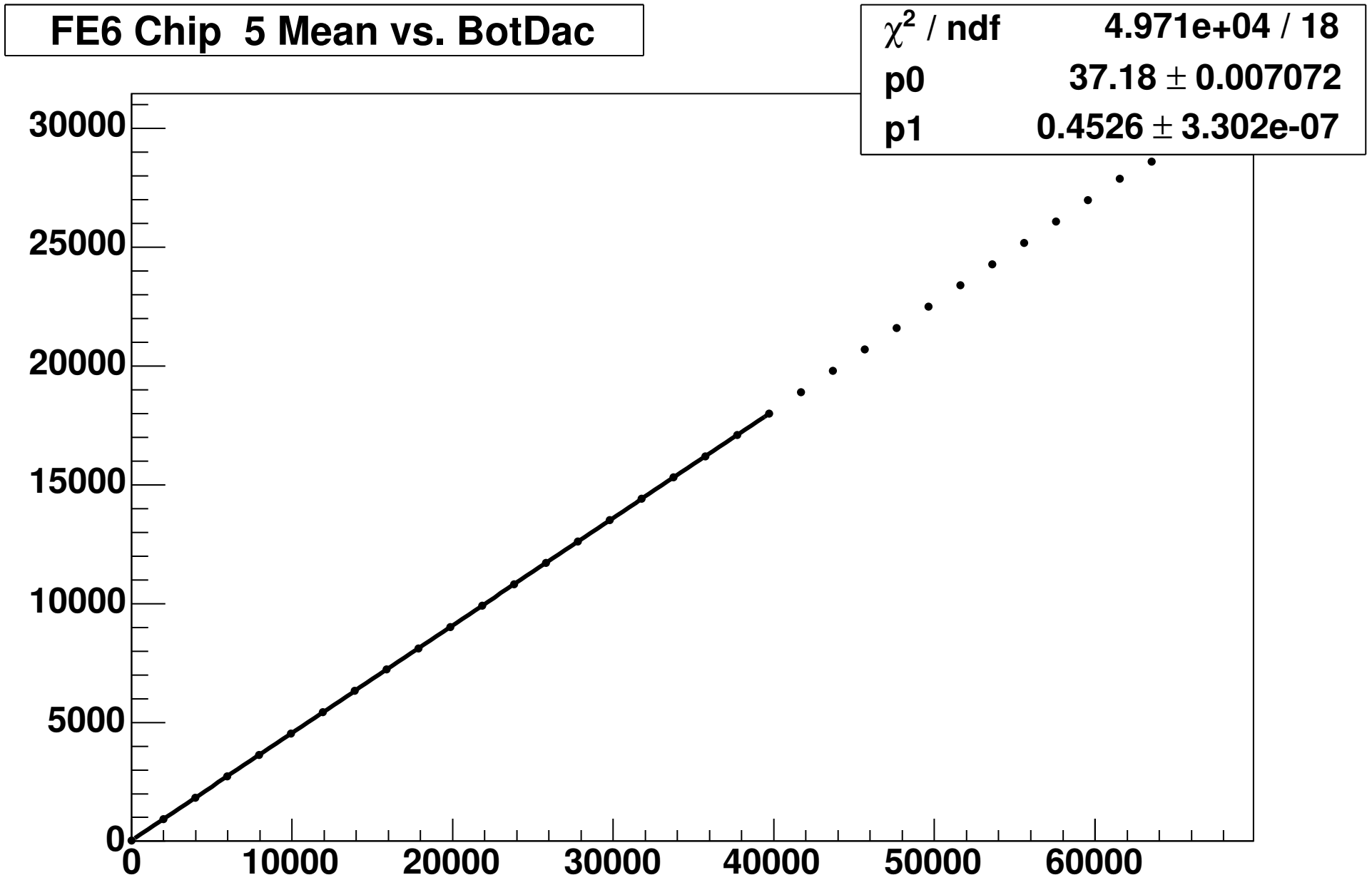
FE6 Chip 5 Mean vs. BotDac
χ² / ndf 4.971e+04 / 18
p0 37.18 ± 0.007072
p1 0.4526 ± 3.302e-07
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10000
20000
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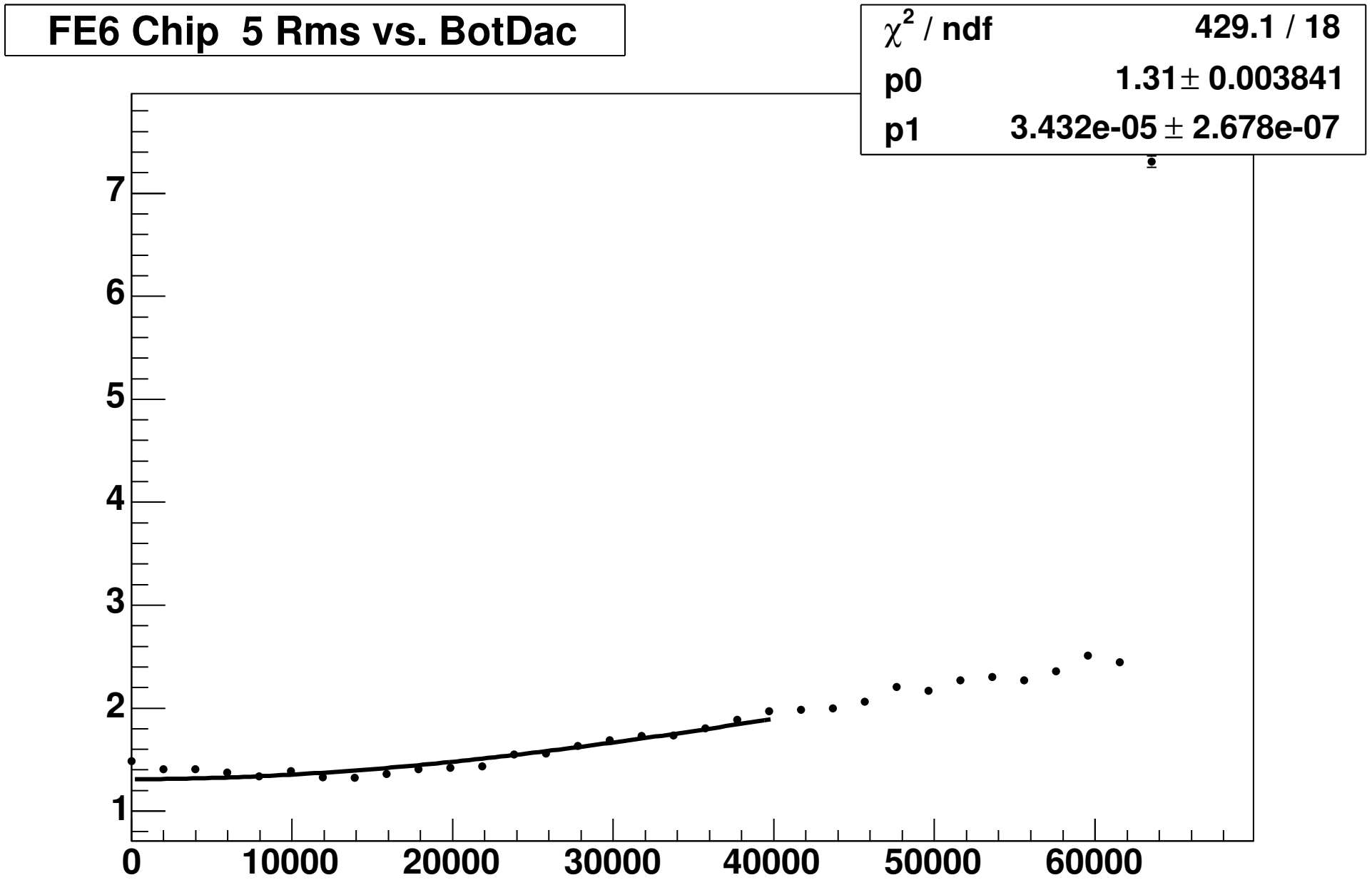
50000
60000


FE6 Chip 5 Rms vs. BotDac
χ² / ndf 429.1 / 18
p0 1.31 ± 0.003841
p1 3.432e-05 ± 2.678e-07
7
6
5
4
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2
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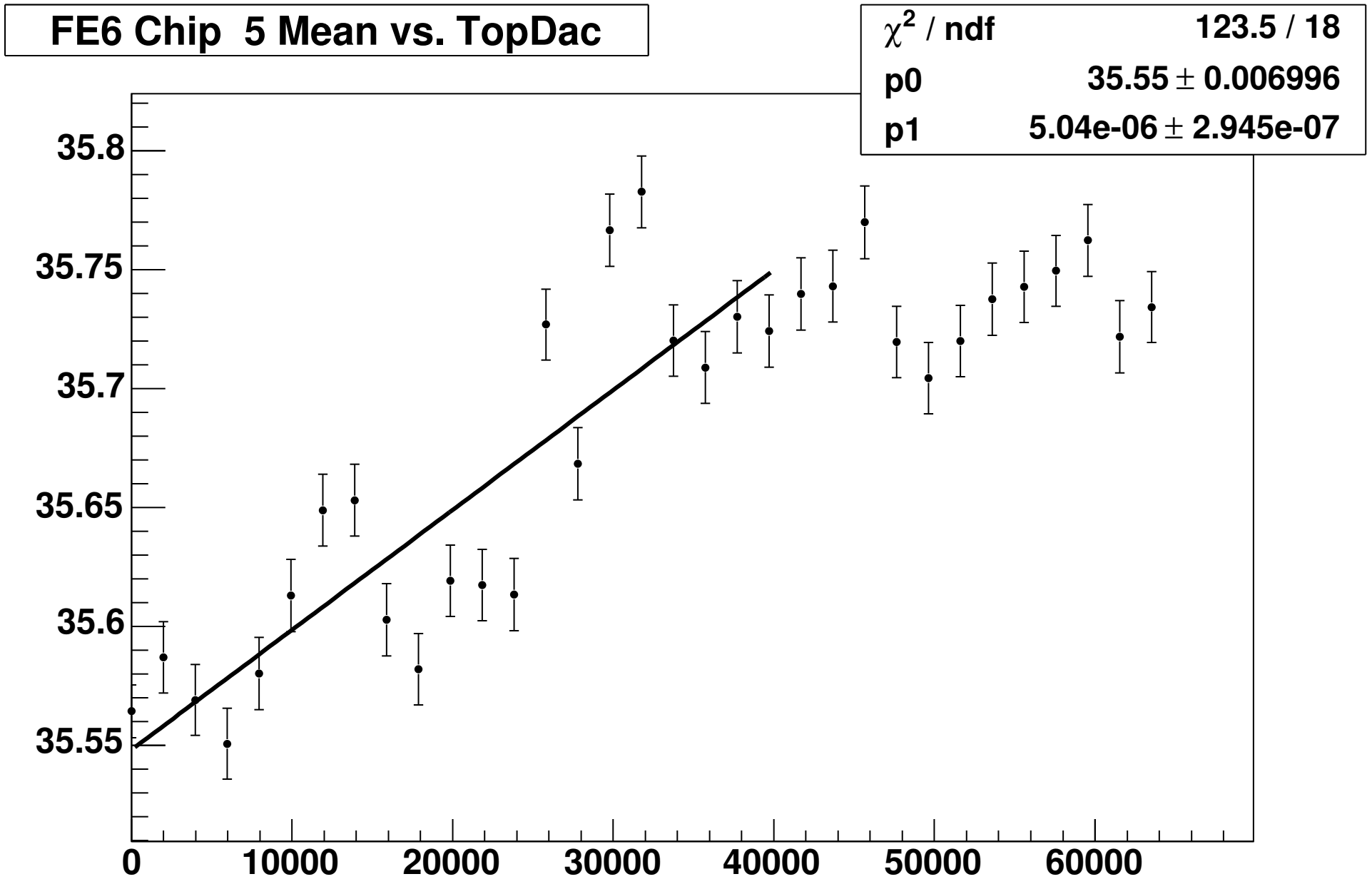
FE6 Chip 5 Mean vs. TopDac
χ² / ndf 123.5 / 18
p0 35.55 ± 0.006996
p1 5.04e-06 ± 2.945e-07
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35.75
35.7
35.65
35.6
35.55
0
10000
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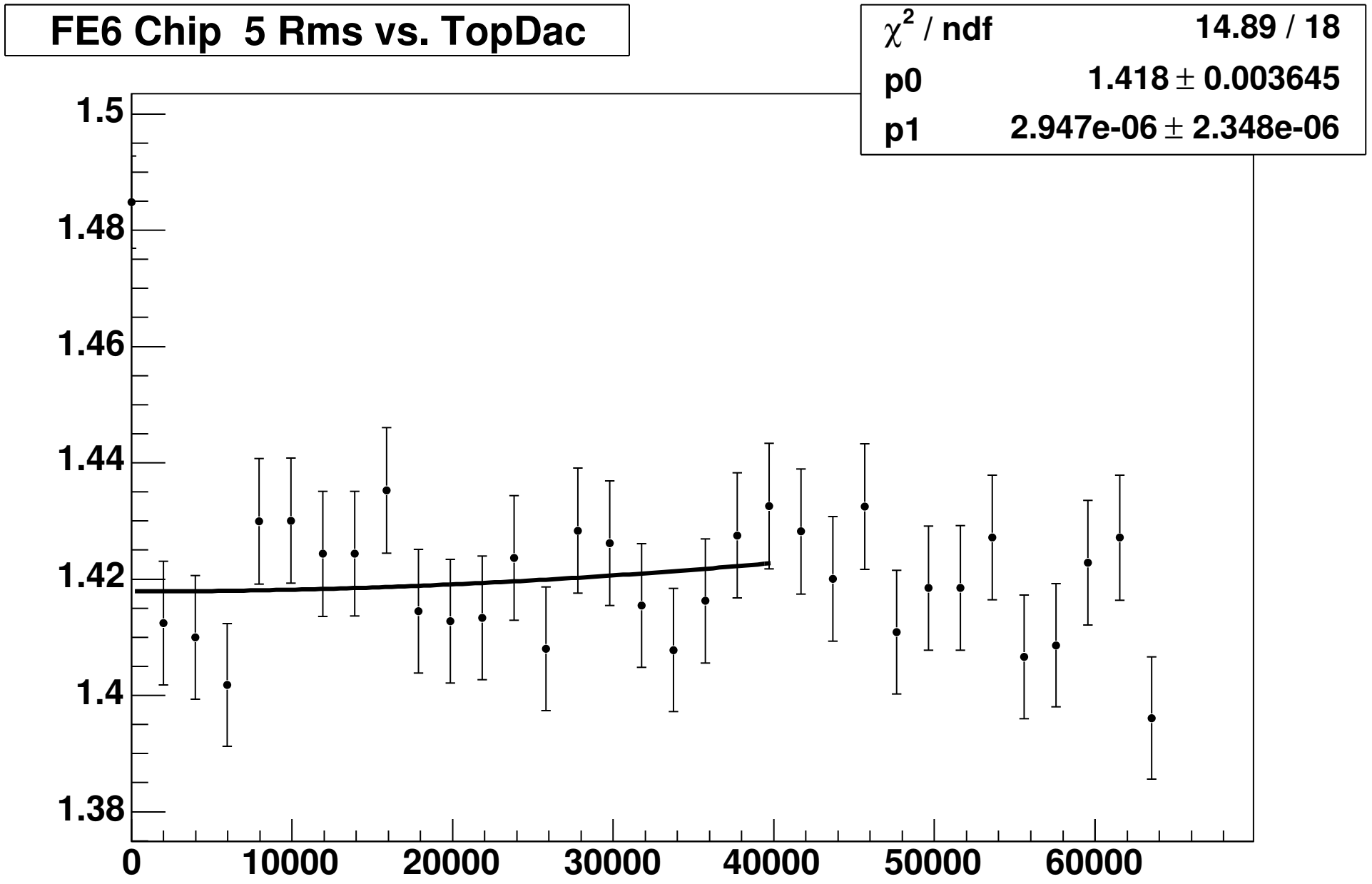
FE6 Chip 5 Rms vs. TopDac
χ² / ndf 14.89 / 18
p0 1.418 ± 0.003645
p1 2.947e-06 ± 2.348e-06
1.5
1.48
1.46
1.44
1.42
1.4
1.38
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10000
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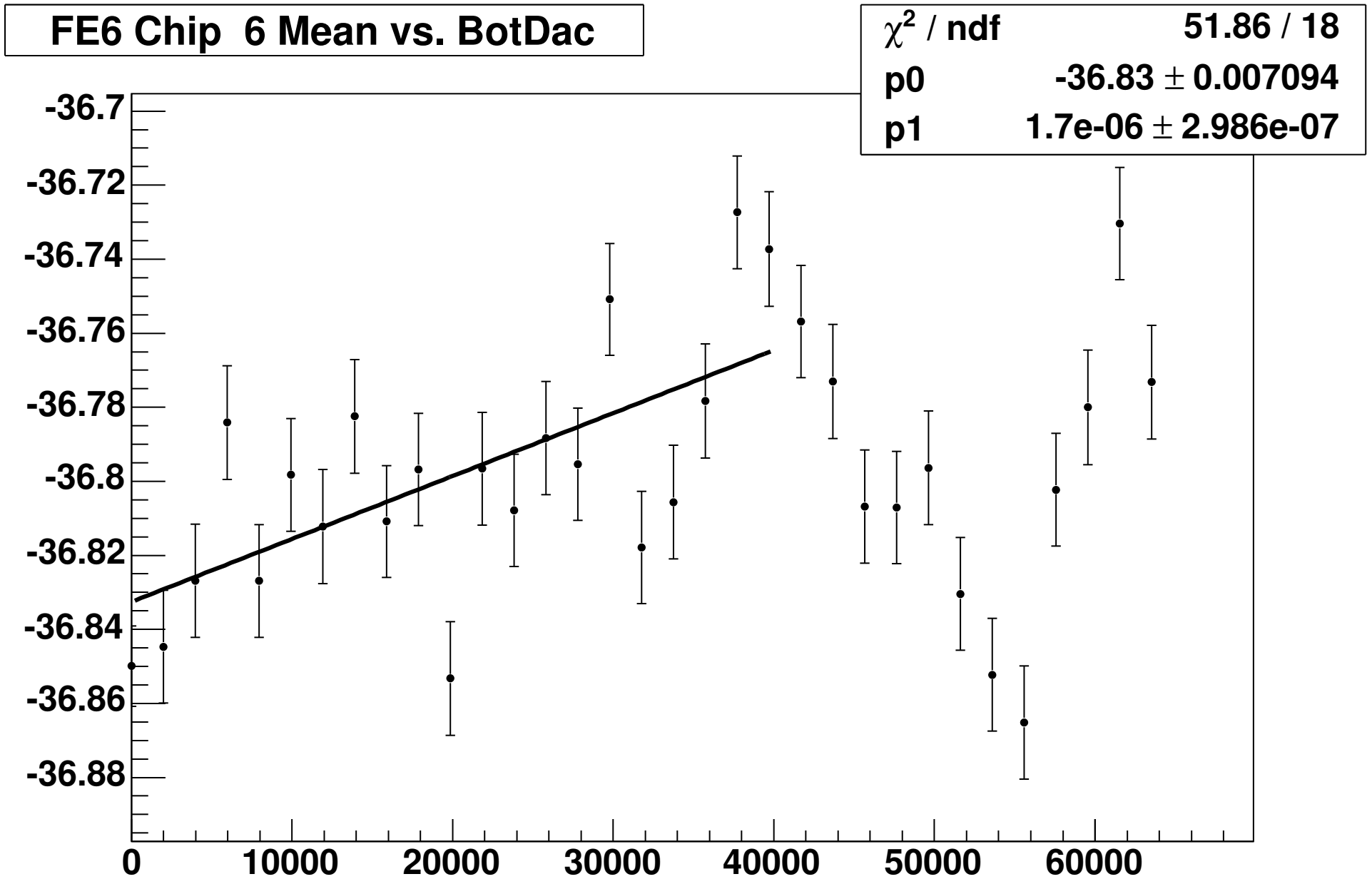
FE6 Chip 6 Mean vs. BotDac
χ² / ndf 51.86 / 18
p0 -36.83 ± 0.007094
p1 1.7e-06 ± 2.986e-07
-36.7
-36.72
-36.74
-36.76
-36.78
-36.8
-36.82
-36.84
-36.86
-36.88
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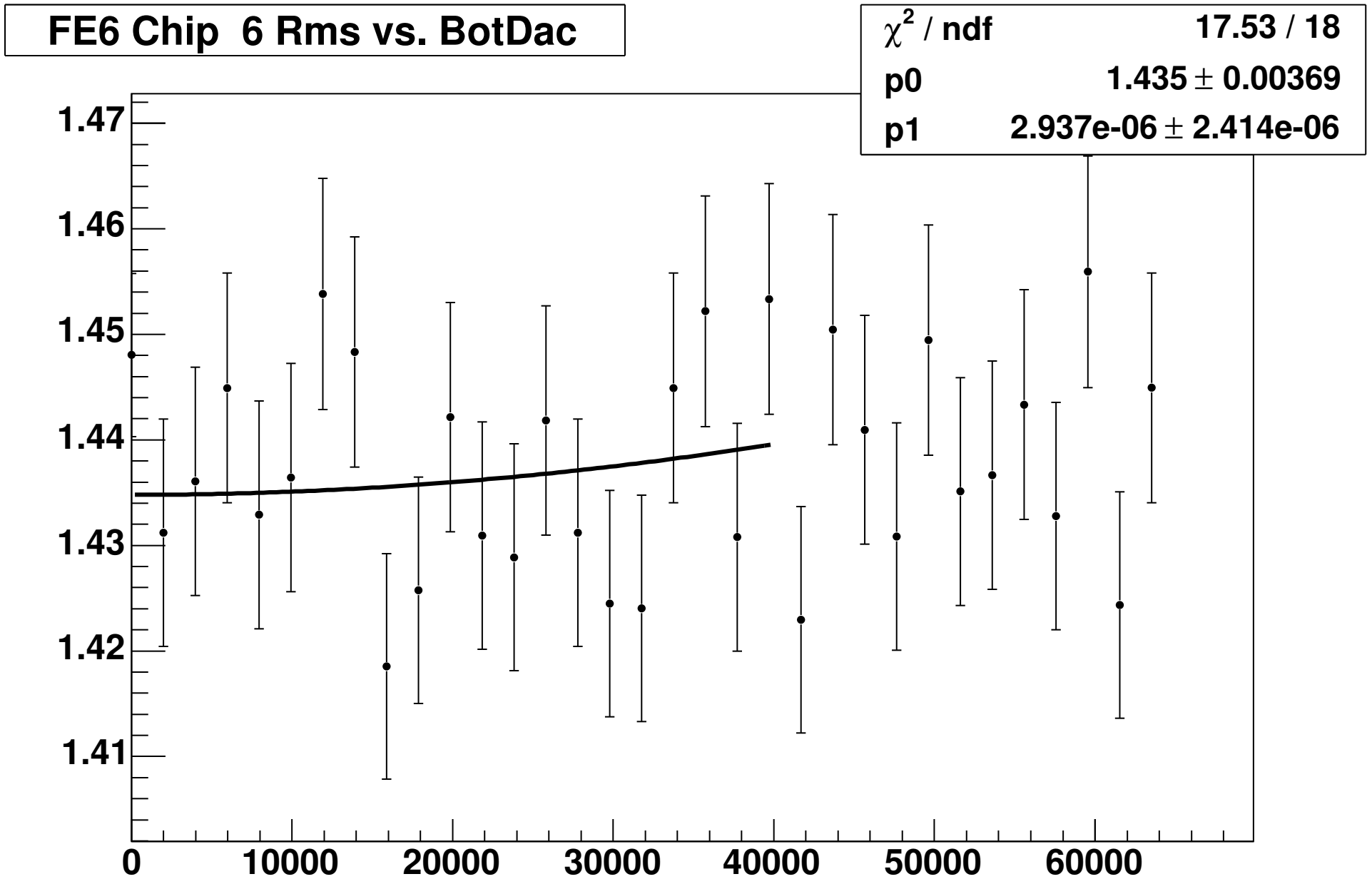
FE6 Chip 6 Rms vs. BotDac
χ² / ndf 17.53 / 18
p0 1.435 ± 0.00369
p1 2.937e-06 ± 2.414e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
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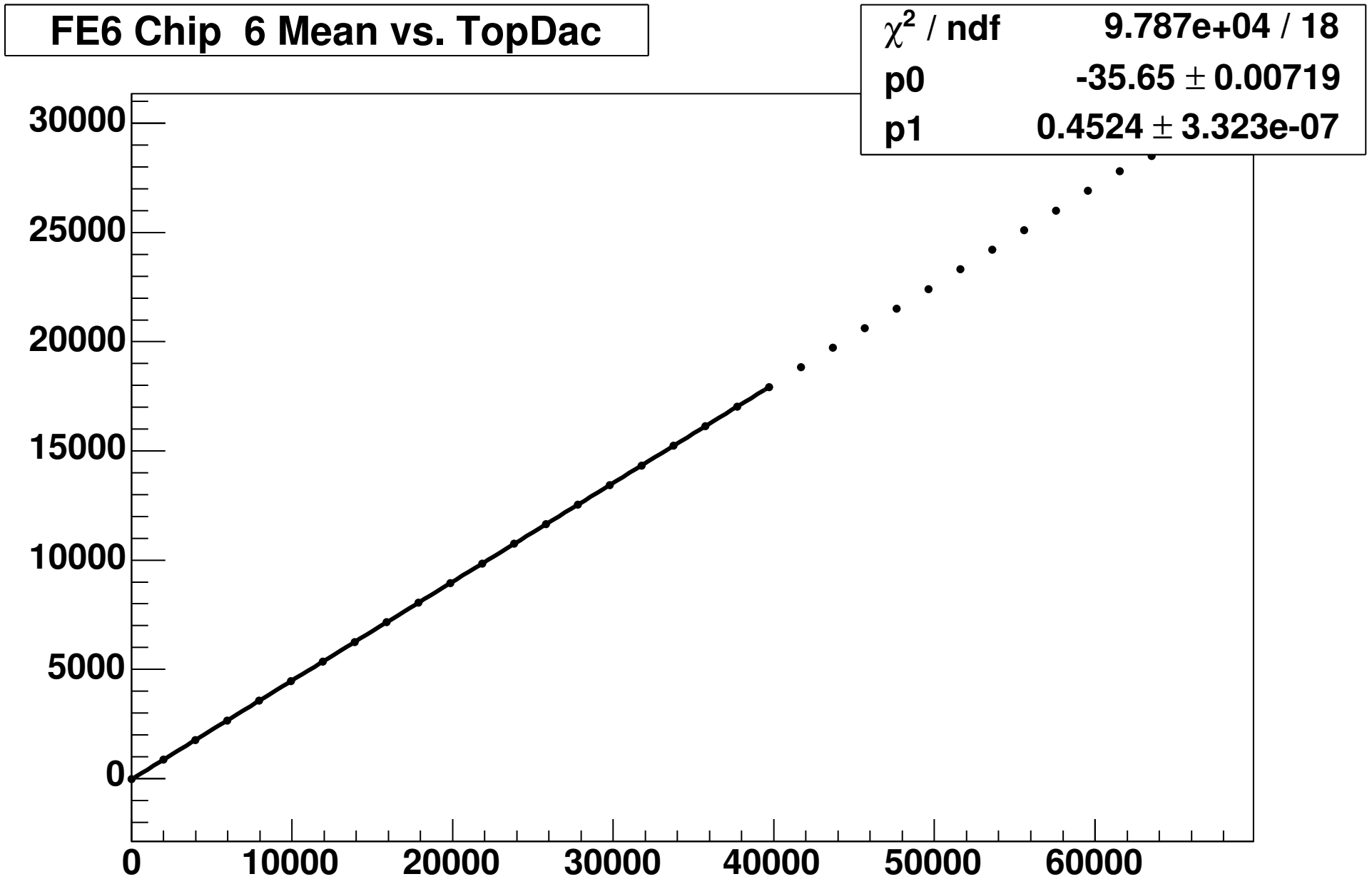
40000
50000
60000


FE6 Chip 6 Mean vs. TopDac
χ^2 / ndf 9.787e+04 / 18
p0 -35.65 ± 0.00719
p1 0.4524 ± 3.323e-07
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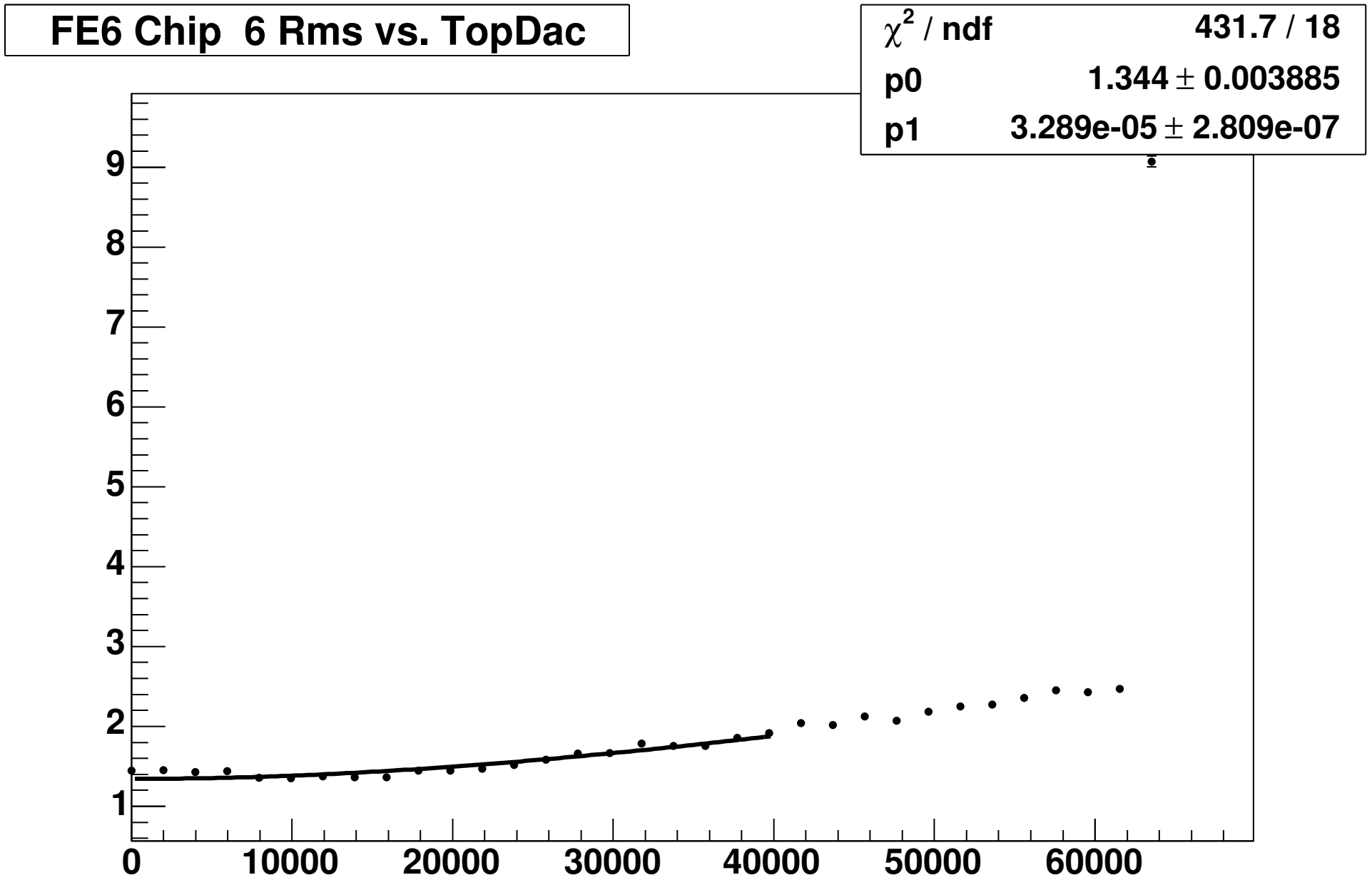
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 6 Rms vs. TopDac
χ^2 / ndf 431.7 / 18
p0 1.344 ± 0.003885
p1 3.289e-05 ± 2.809e-07
9
8
7
6
5
4
3
2
1
0
10000
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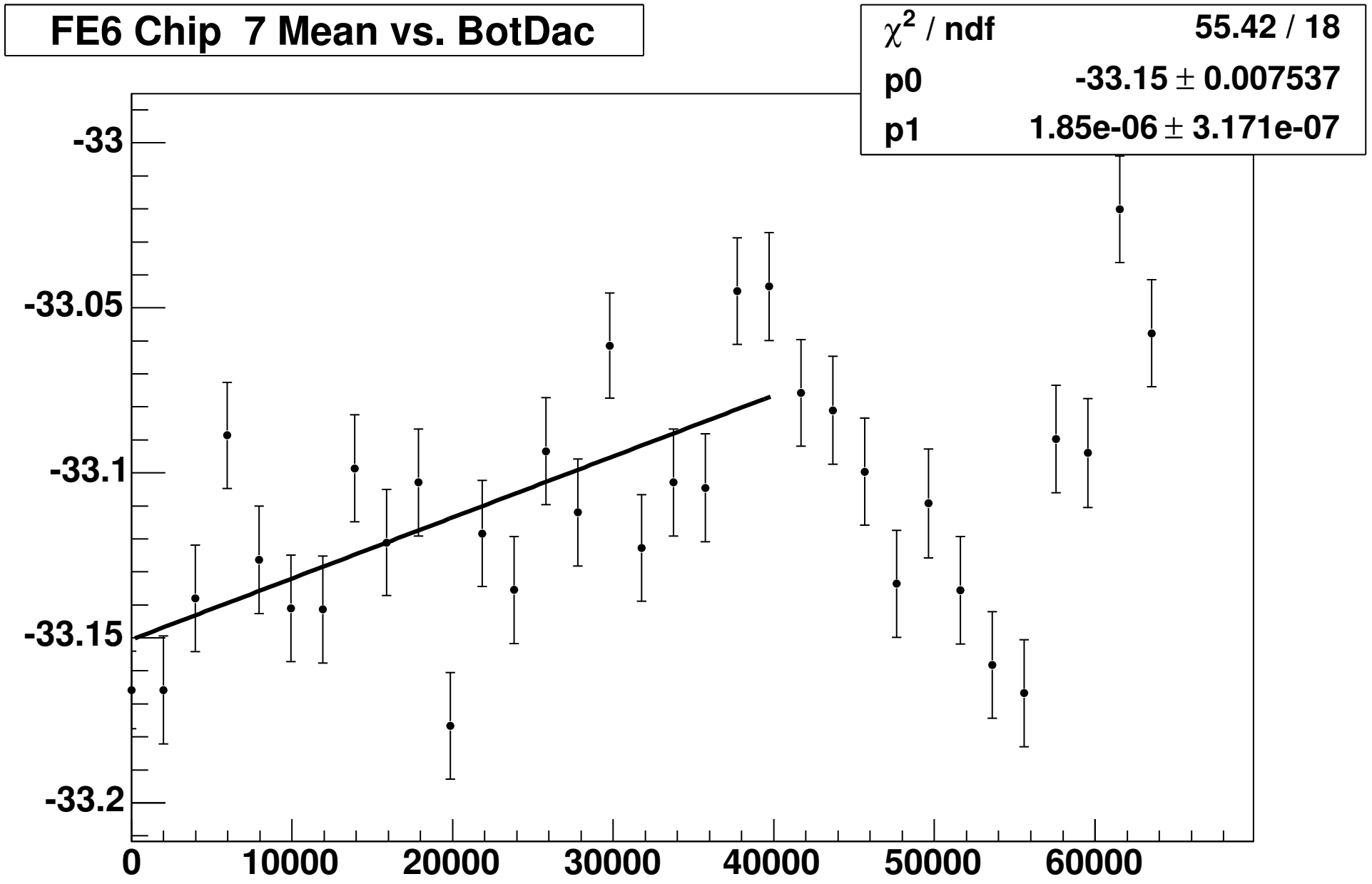
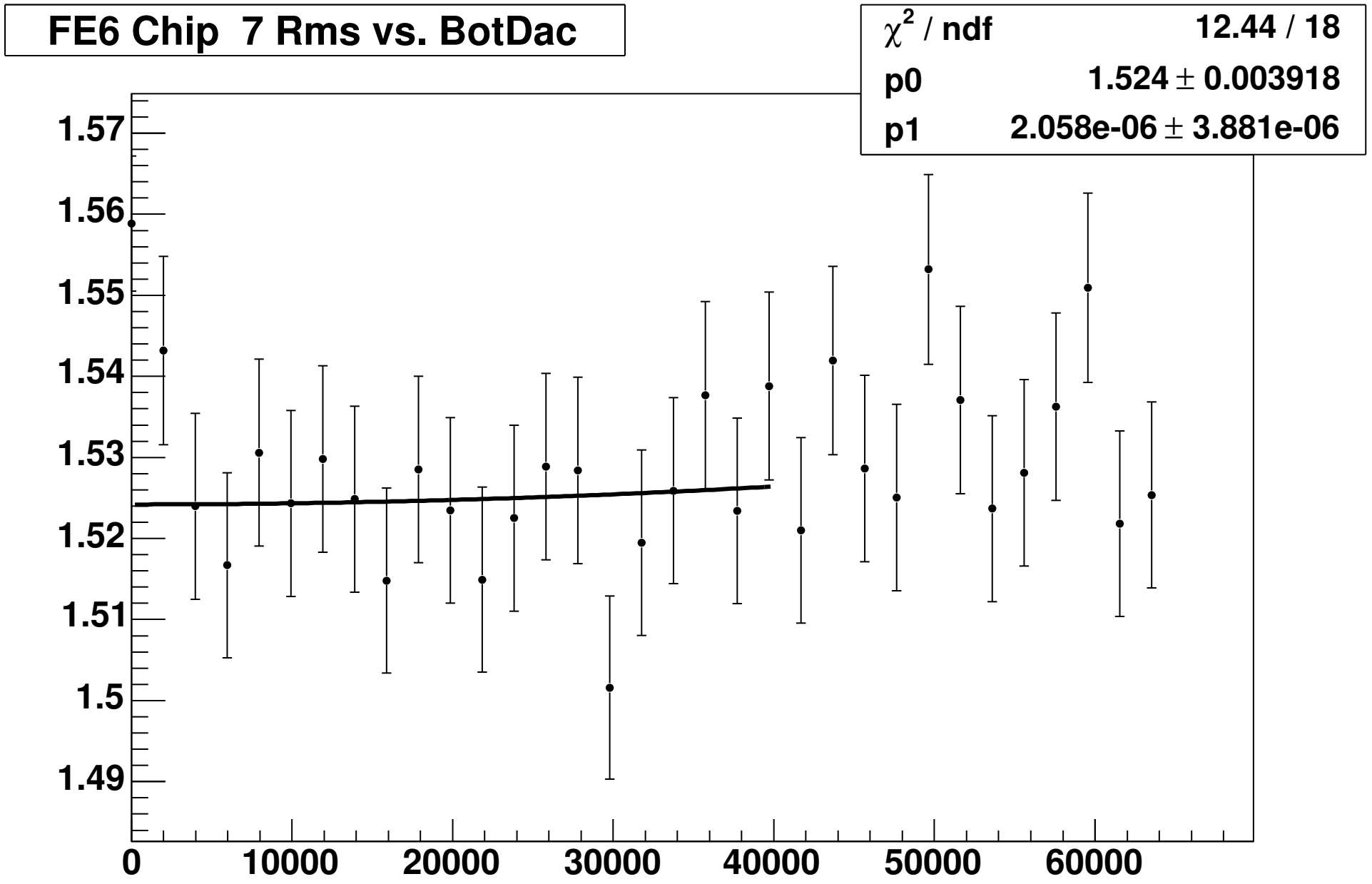
30000
40000
50000
60000


FE6 Chip 7 Mean vs. BotDac
χ² / ndf 55.42 / 18
p0 -33.15 ± 0.007537
p1 1.85e-06 ± 3.171e-07
-33
-33.05
-33.1
-33.15
-33.2
0
10000
20000
30000
40000
50000
60000


FE6 Chip 7 Rms vs. BotDac
χ² / ndf 12.44 / 18
p0 1.524 ± 0.003918
p1 2.058e-06 ± 3.881e-06
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
0
10000
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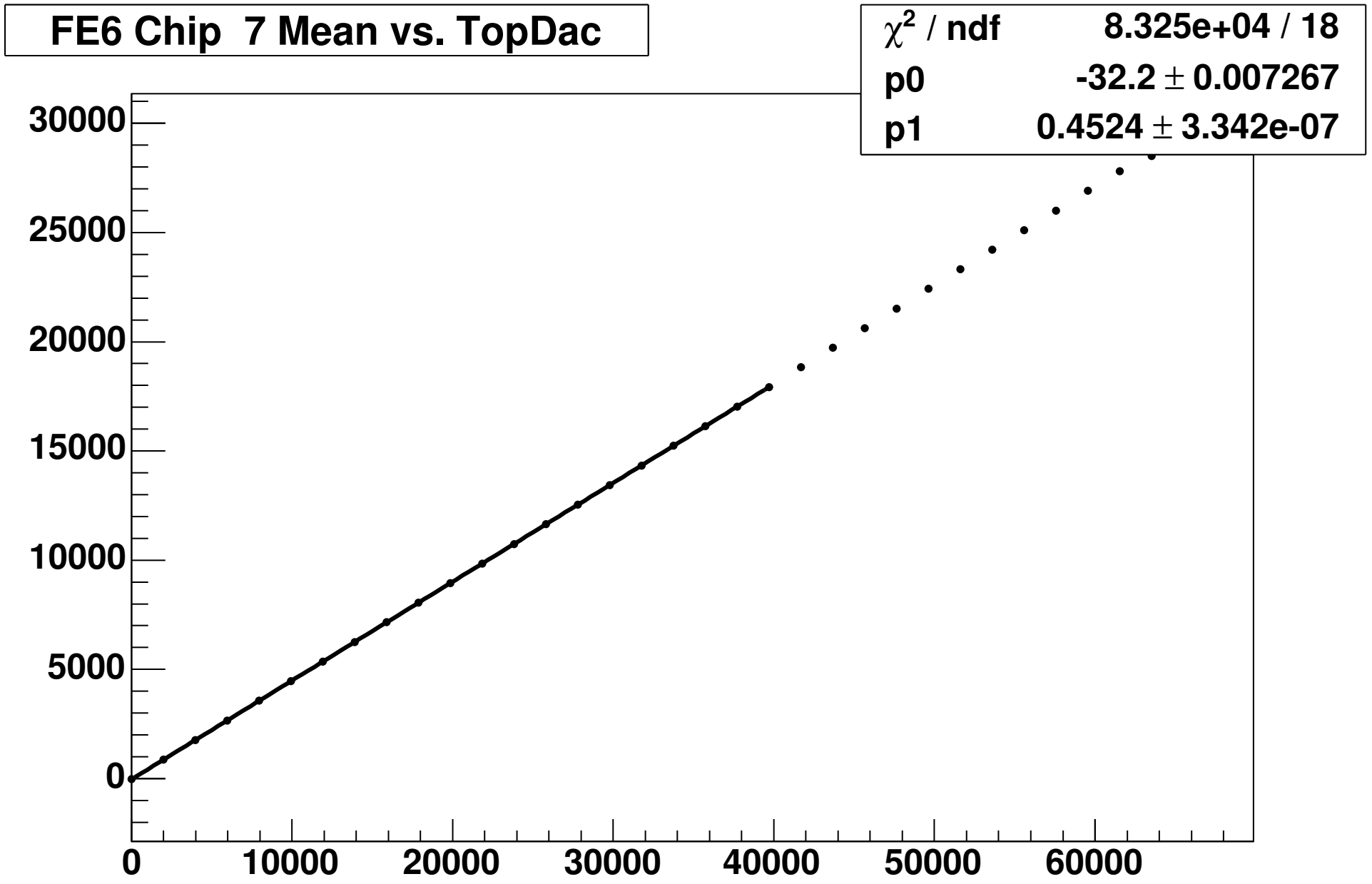
FE6 Chip 7 Mean vs. TopDac
χ² / ndf 8.325e+04 / 18
p0 -32.2 ± 0.007267
p1 0.4524 ± 3.342e-07
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10000
5000
0
0
10000
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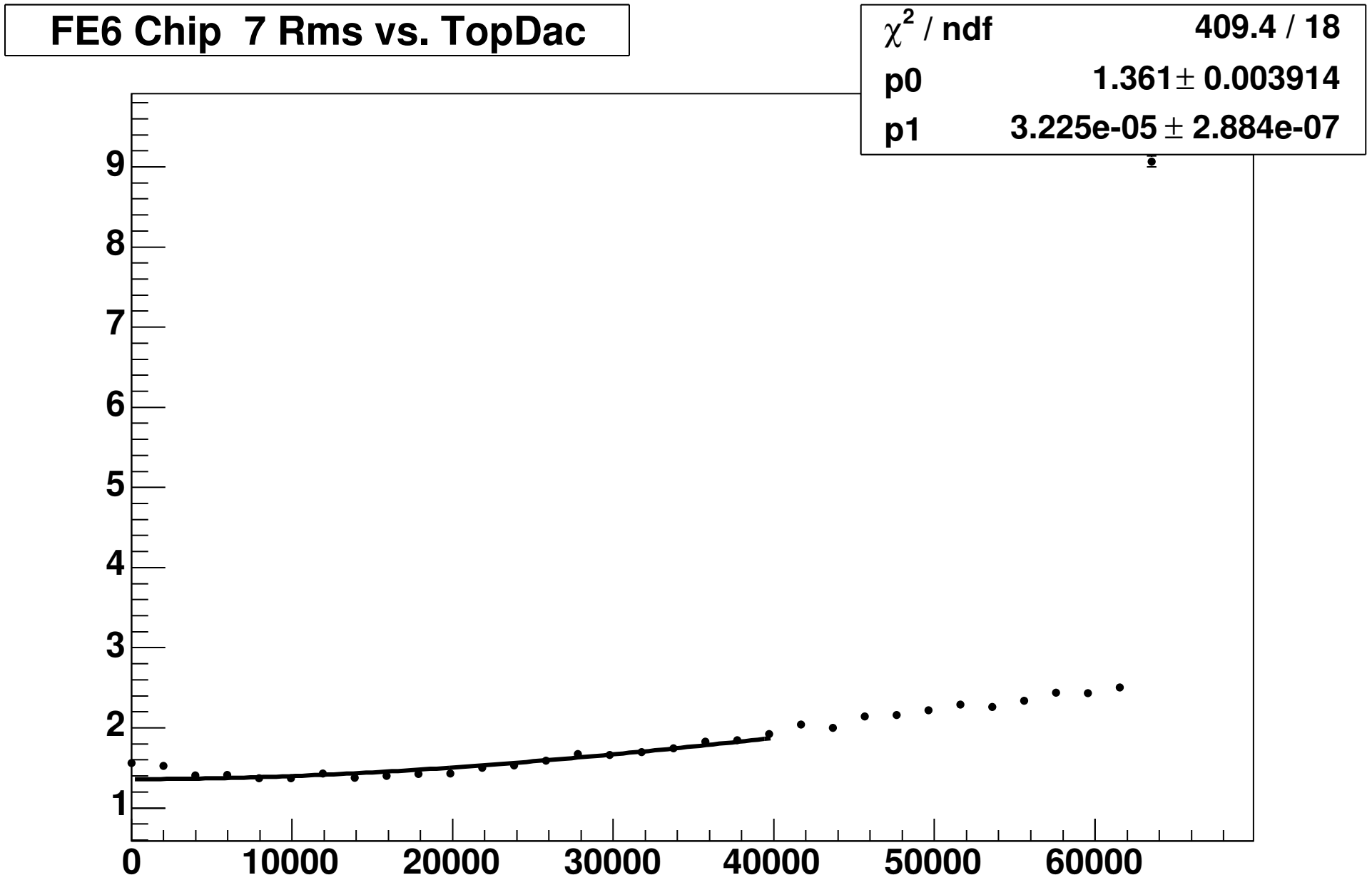
60000


FE6 Chip 7 Rms vs. TopDac
χ² / ndf 409.4 / 18
p0 1.361 ± 0.003914
p1 3.225e-05 ± 2.884e-07
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6
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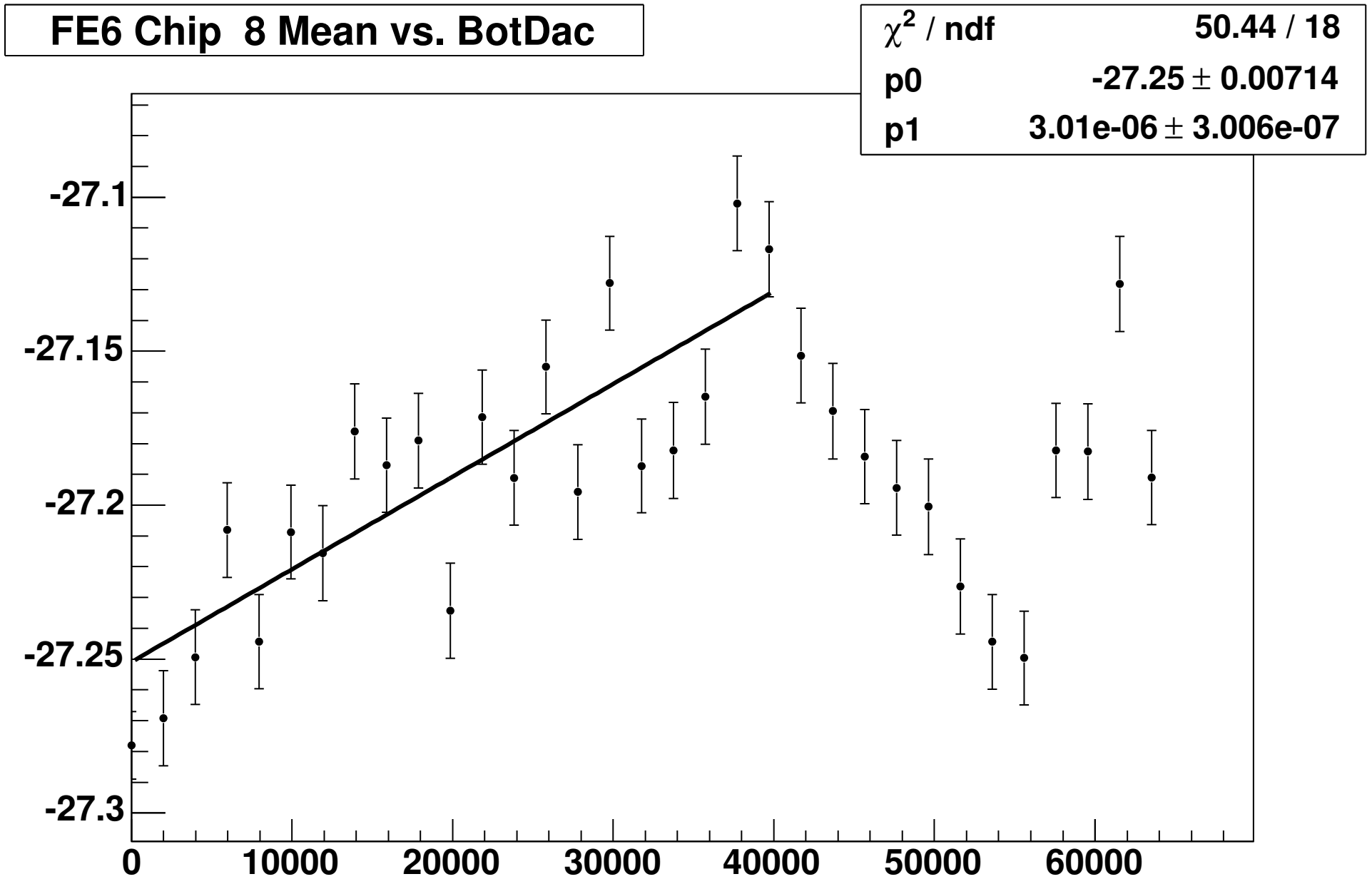
FE6 Chip 8 Mean vs. BotDac
χ² / ndf 50.44 / 18
p0 -27.25 ± 0.00714
p1 3.01e-06 ± 3.006e-07
-27.1
-27.15
-27.2
-27.25
-27.3
0
10000
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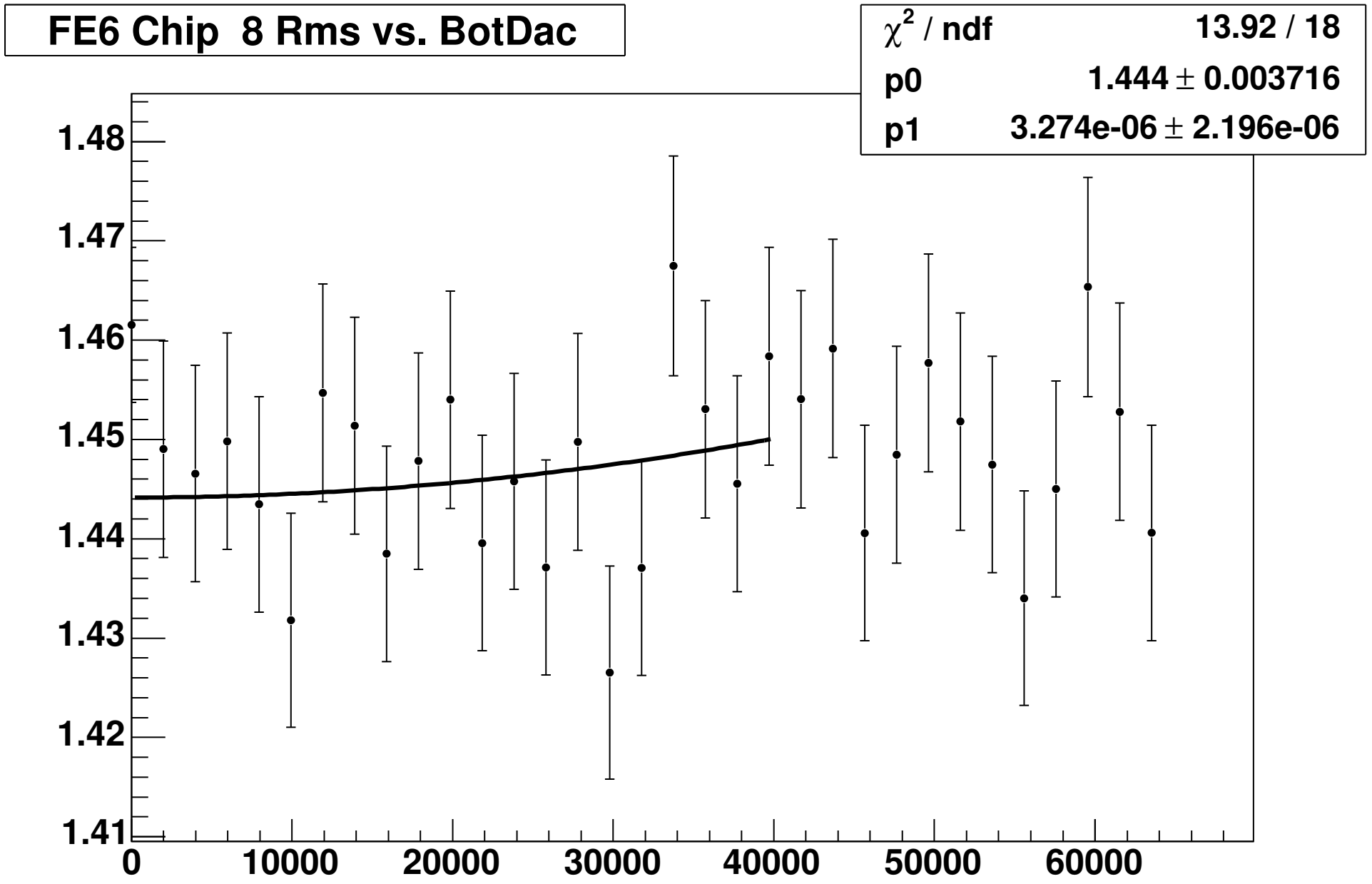
FE6 Chip 8 Rms vs. BotDac
χ² / ndf 13.92 / 18
p0 1.444 ± 0.003716
p1 3.274e-06 ± 2.196e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
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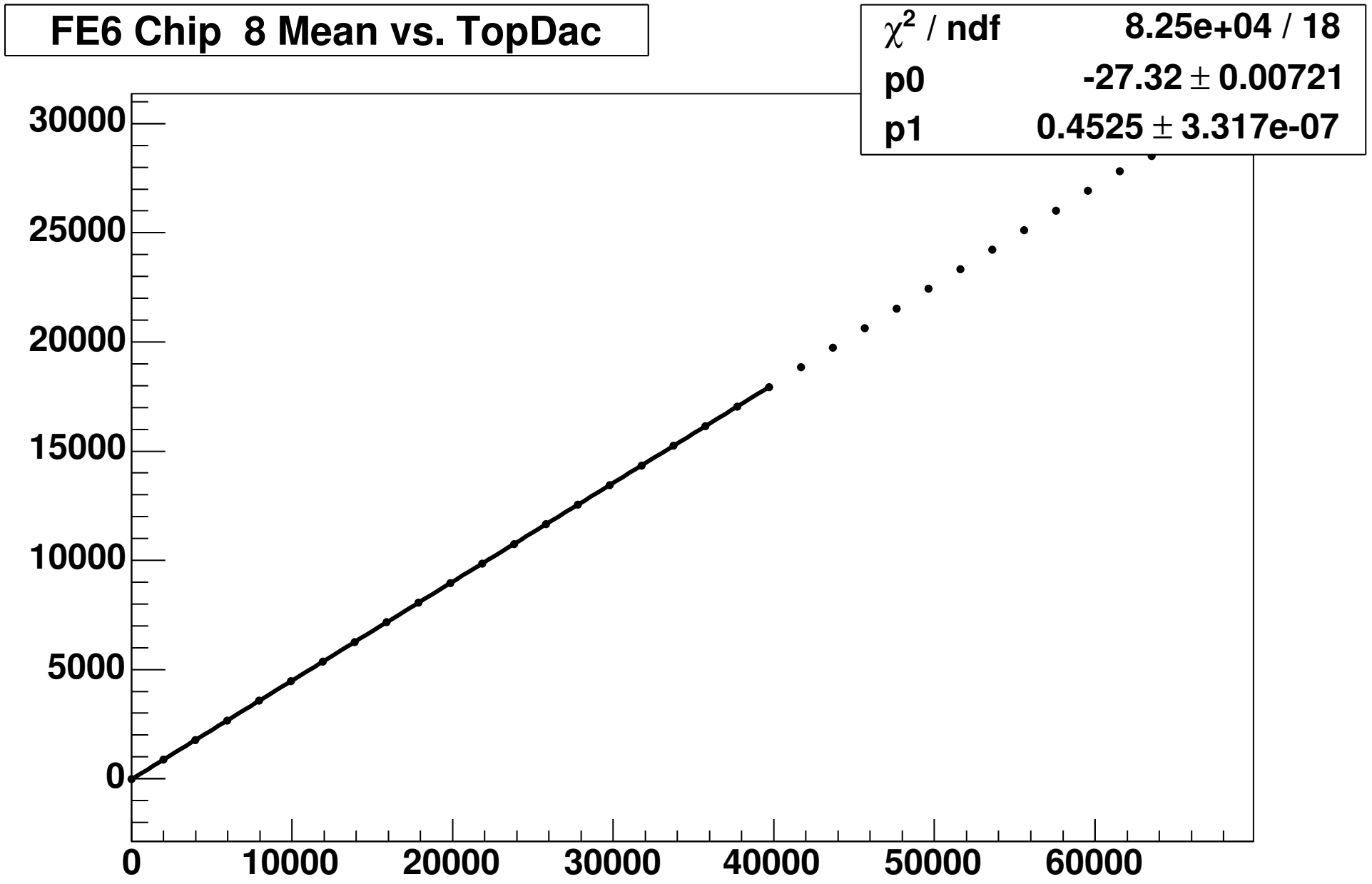
FE6 Chip 8 Mean vs. TopDac
χ² / ndf 8.25e+04 / 18
p0 -27.32 ± 0.00721
p1 0.4525 ± 3.317e-07
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10000
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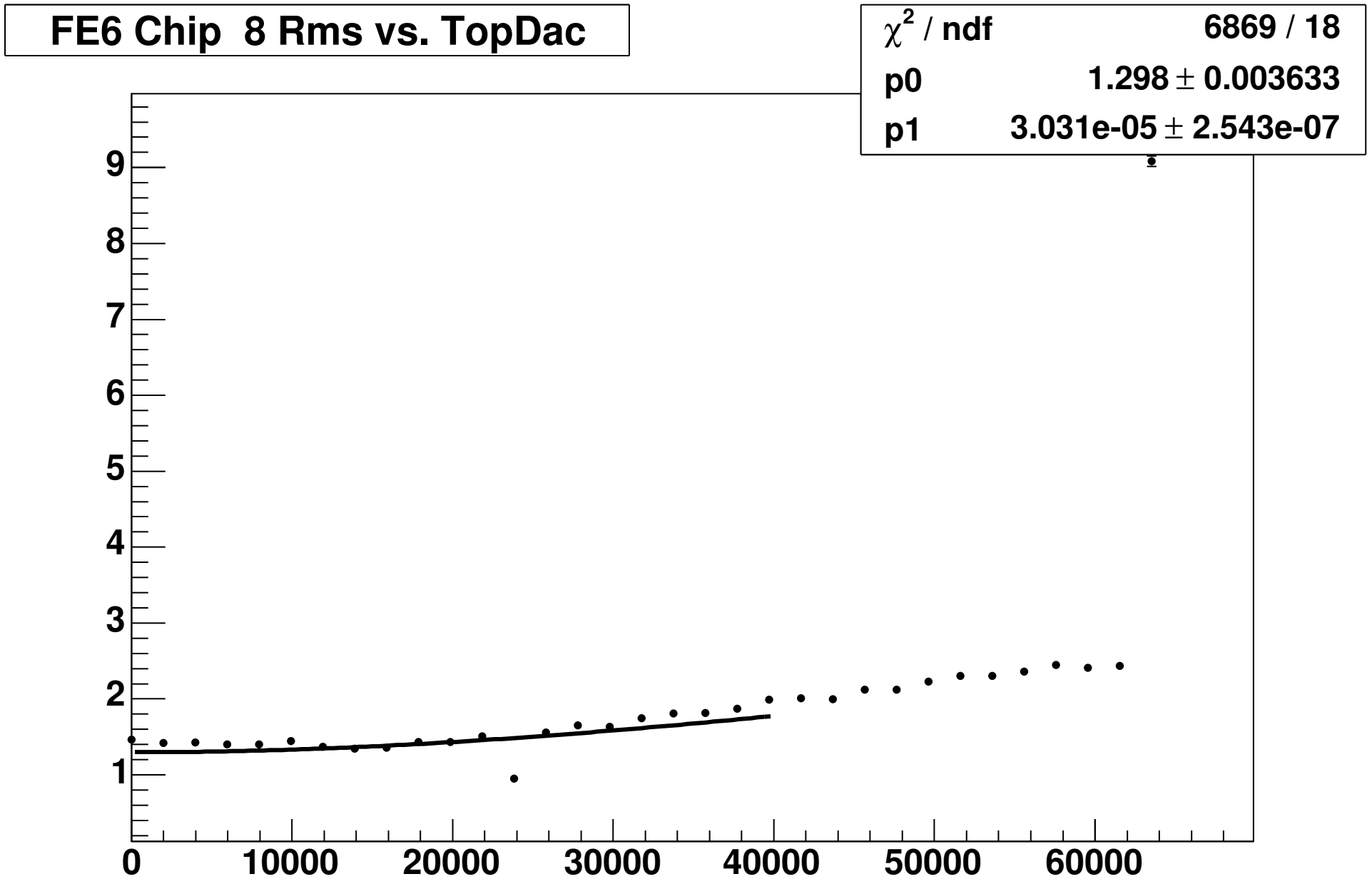
FE6 Chip 8 Rms vs. TopDac
χ² / ndf 6869 / 18
p0 1.298 ± 0.003633
p1 3.031e-05 ± 2.543e-07
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8
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6
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4
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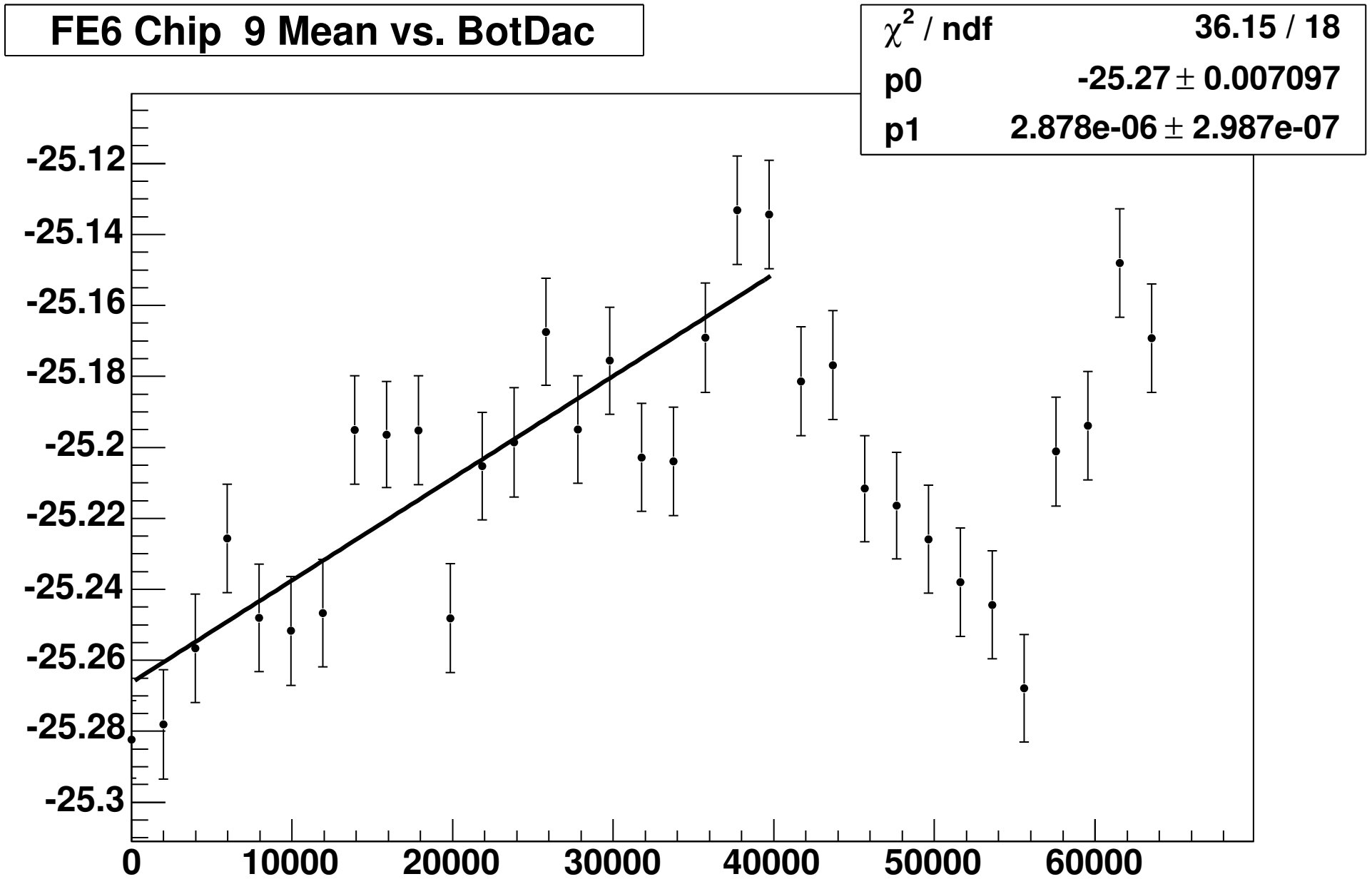
FE6 Chip 9 Mean vs. BotDac
χ² / ndf 36.15 / 18
p0 -25.27 ± 0.007097
p1 2.878e-06 ± 2.987e-07
-25.12
-25.14
-25.16
-25.18
-25.2
-25.22
-25.24
-25.26
-25.28
-25.3
0
10000
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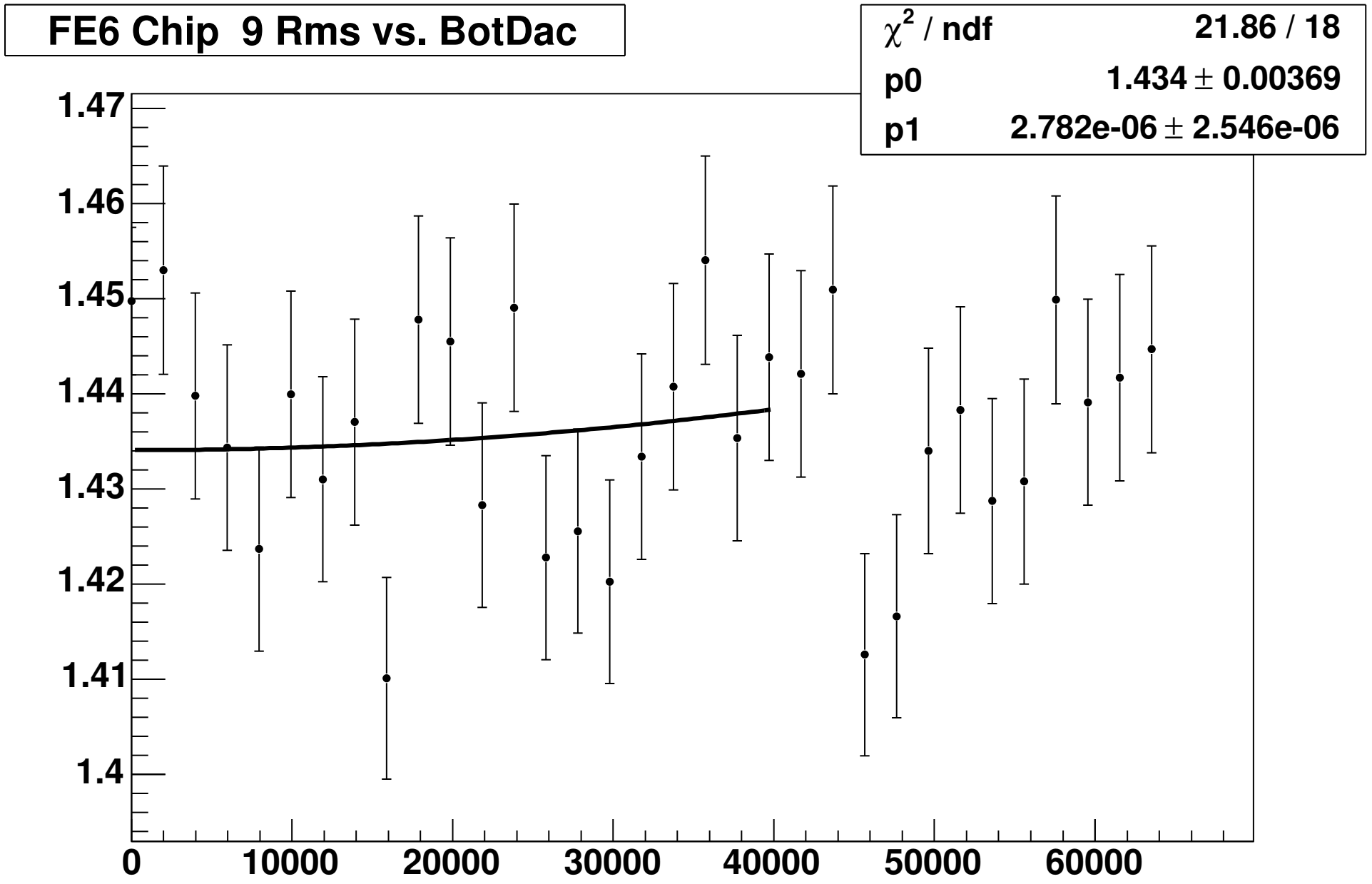
FE6 Chip 9 Rms vs. BotDac
χ² / ndf 21.86 / 18
p0 1.434 ± 0.00369
p1 2.782e-06 ± 2.546e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
0
10000
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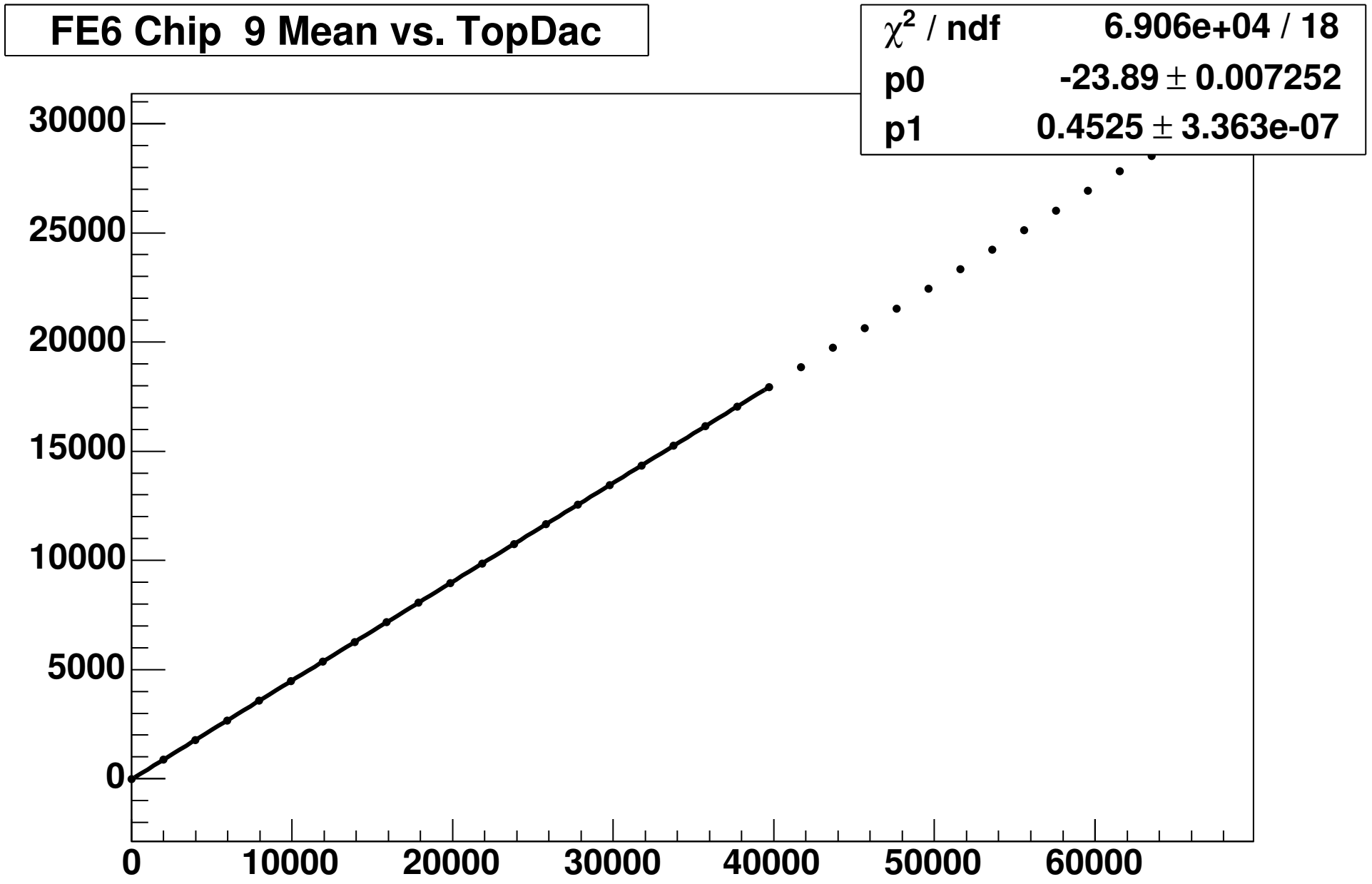
FE6 Chip 9 Mean vs. TopDac
χ² / ndf 6.906e+04 / 18
p0 -23.89 ± 0.007252
p1 0.4525 ± 3.363e-07
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25000
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15000
10000
5000
0
0
10000
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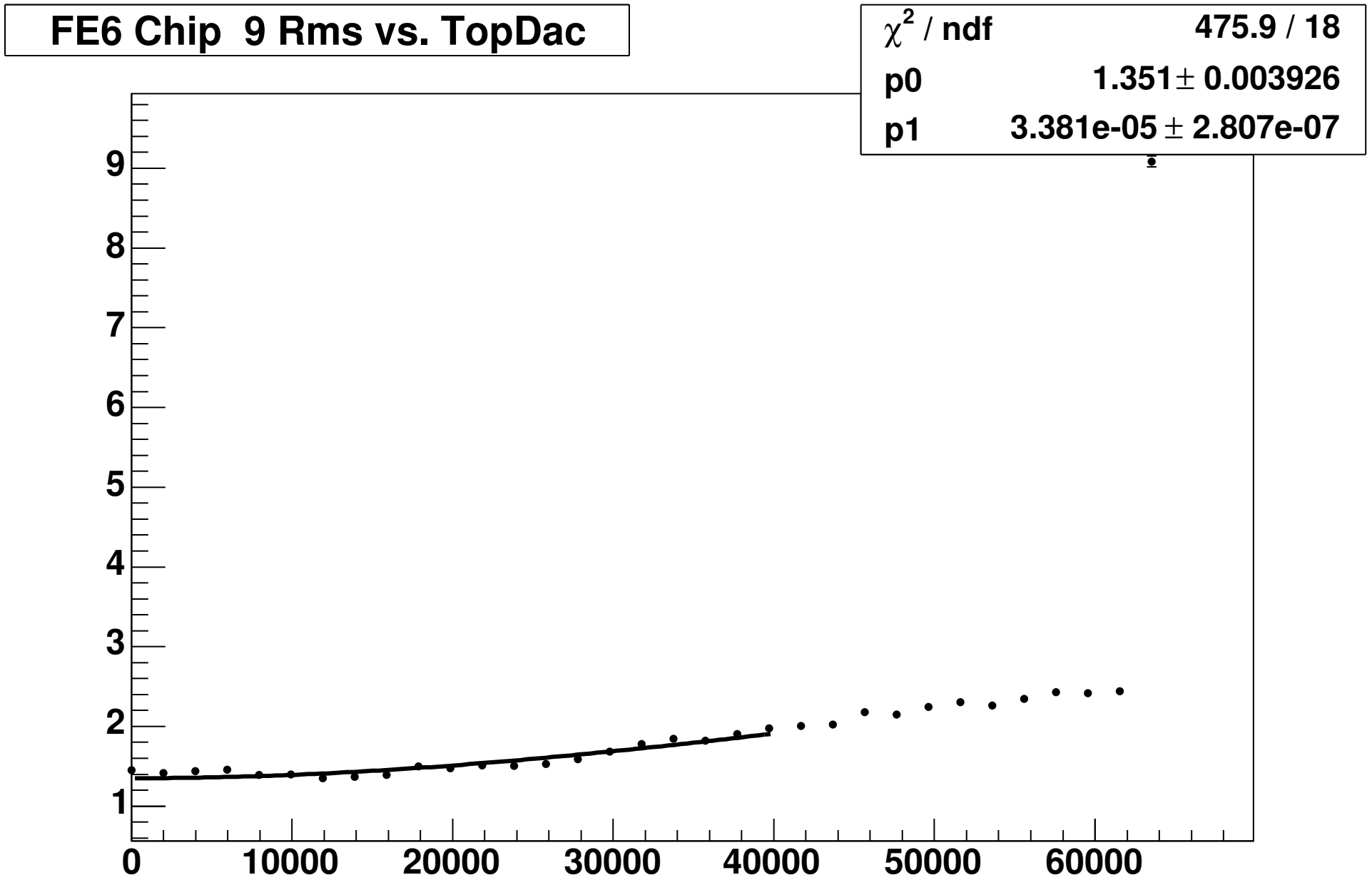
30000
40000
50000
60000


FE6 Chip 9 Rms vs. TopDac
χ² / ndf 475.9 / 18
p0 1.351 ± 0.003926
p1 3.381e-05 ± 2.807e-07
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8
7
6
5
4
3
2
1
0
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40000
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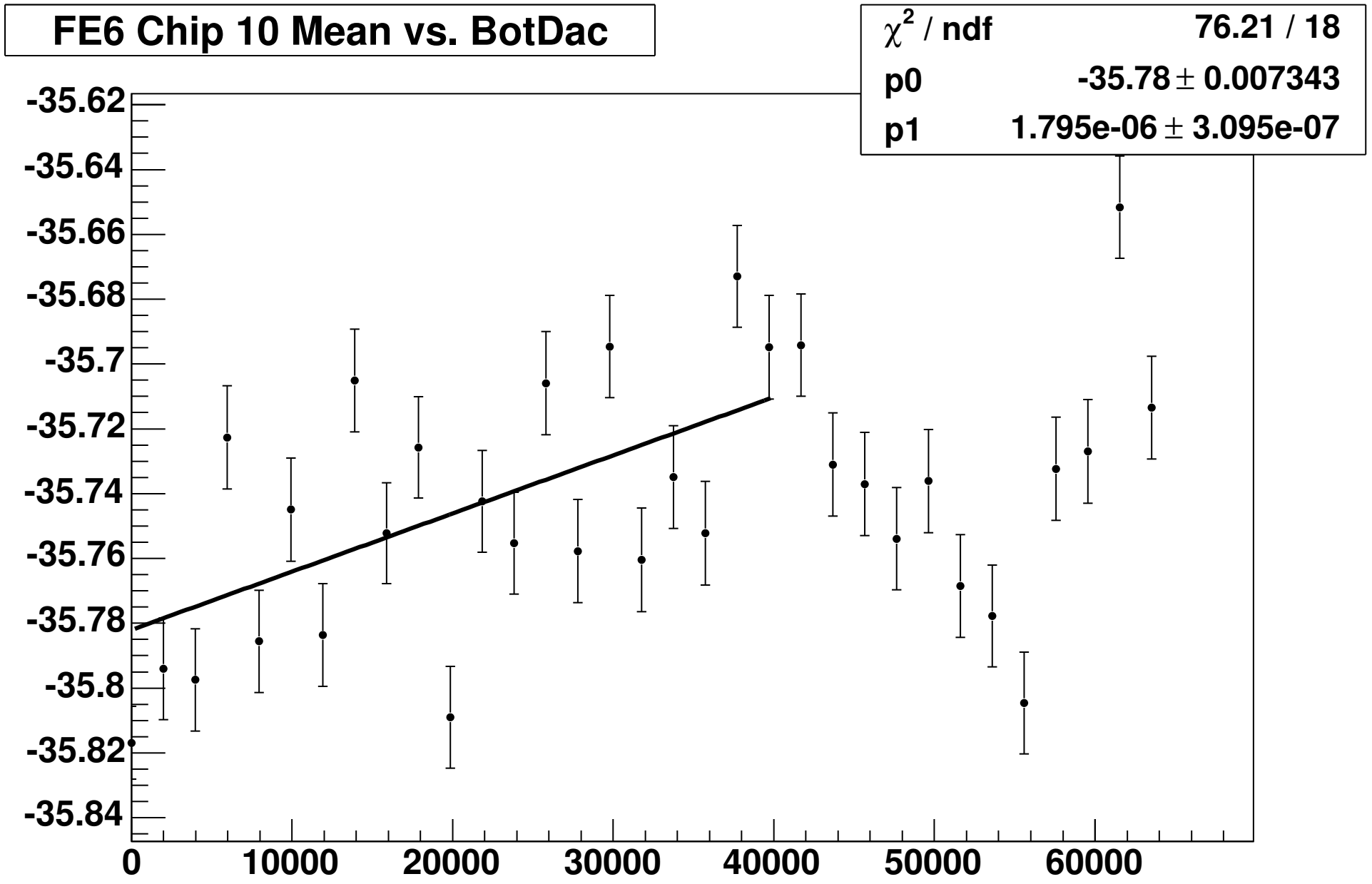
FE6 Chip 10 Mean vs. BotDac
χ² / ndf 76.21 / 18
p0 -35.78 ± 0.007343
p1 1.795e-06 ± 3.095e-07
-35.62
-35.64
-35.66
-35.68
-35.7
-35.72
-35.74
-35.76
-35.78
-35.8
-35.82
-35.84
0
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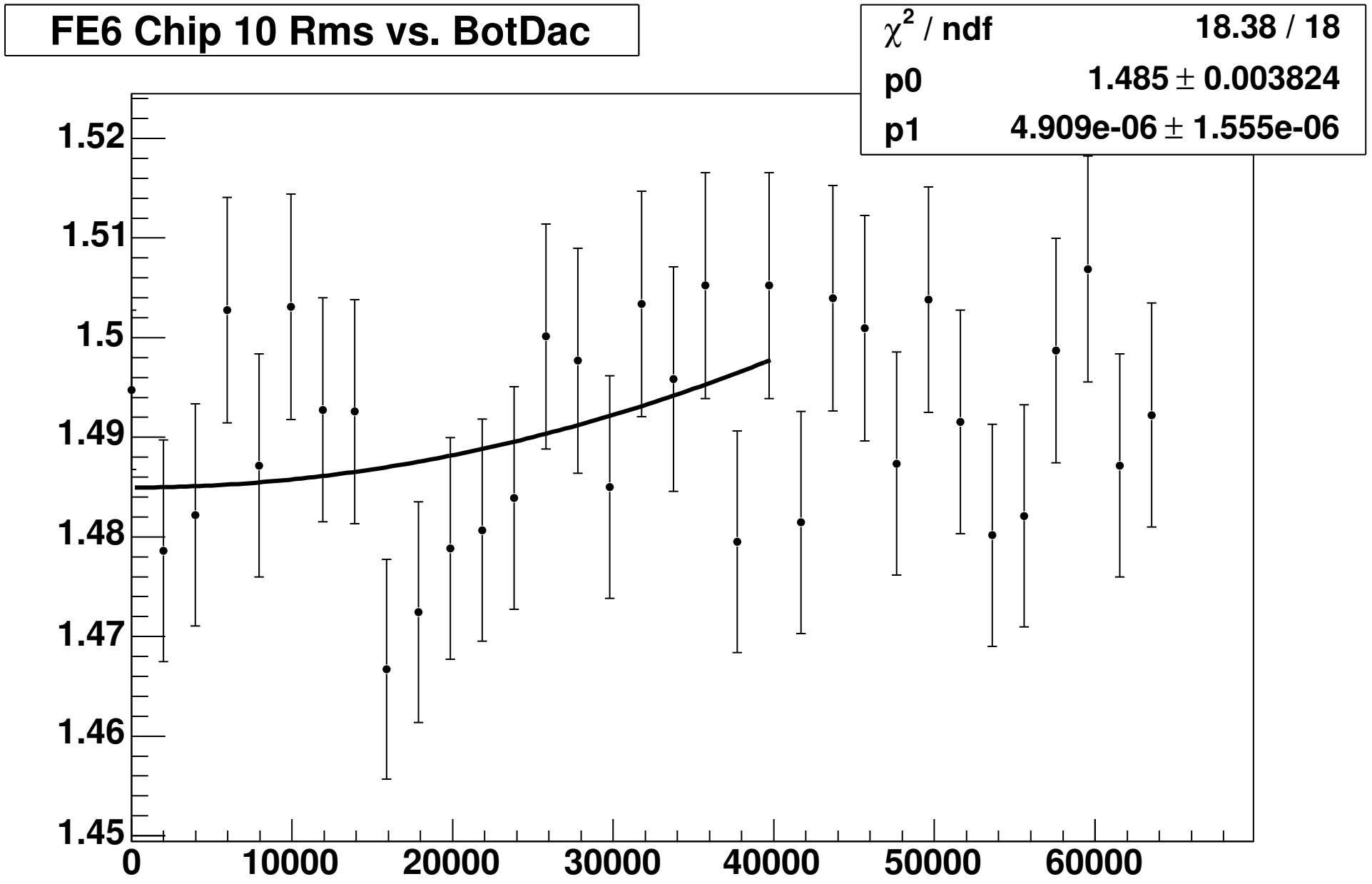
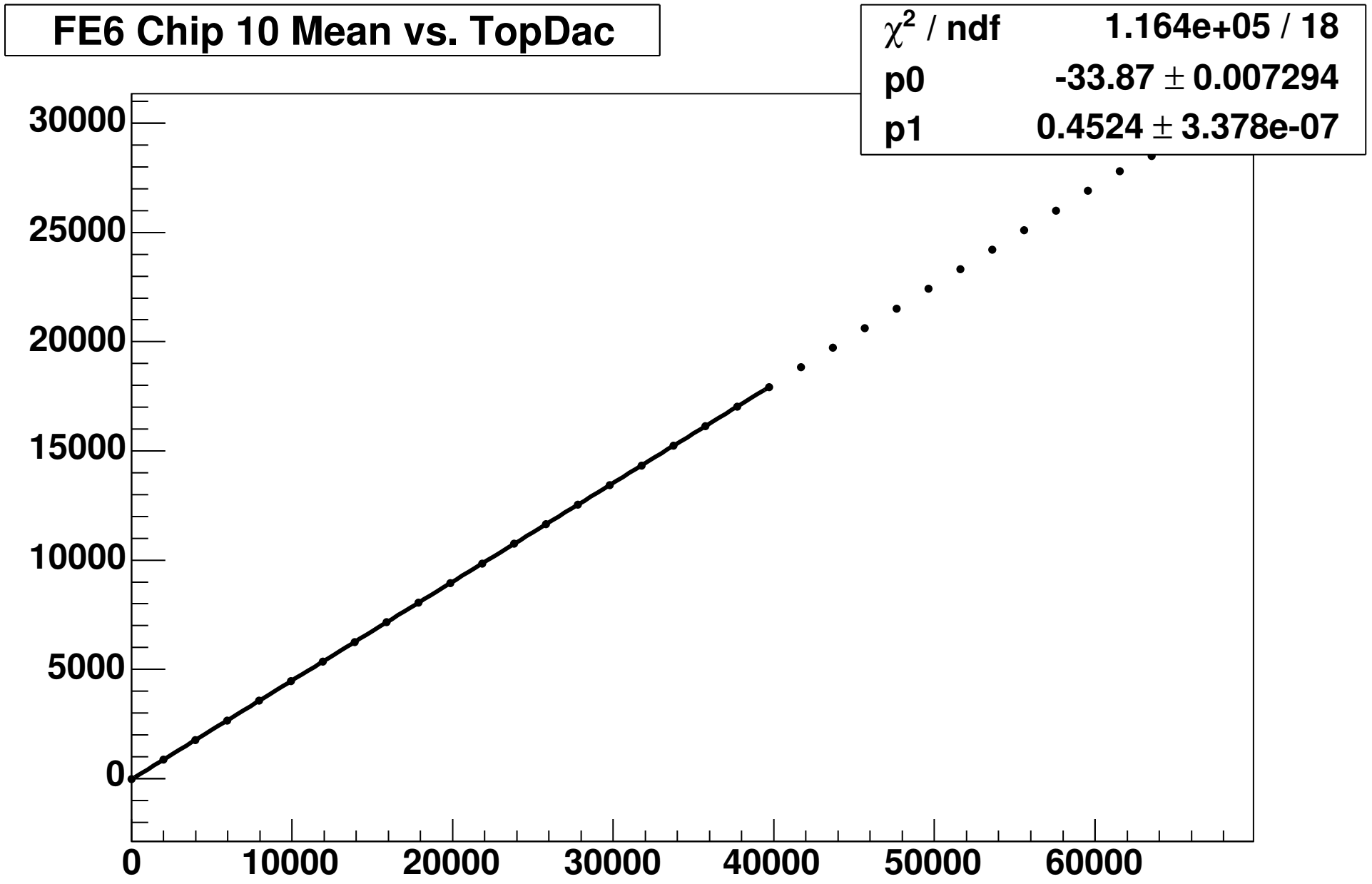
50000
60000


FE6 Chip 10 Rms vs. BotDac
χ² / ndf 18.38 / 18
p0 1.485 ± 0.003824
p1 4.909e-06 ± 1.555e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
0
10000
20000
30000
40000
50000
60000


FE6 Chip 10 Mean vs. TopDac
χ² / ndf 1.164e+05 / 18
p0 -33.87 ± 0.007294
p1 0.4524 ± 3.378e-07
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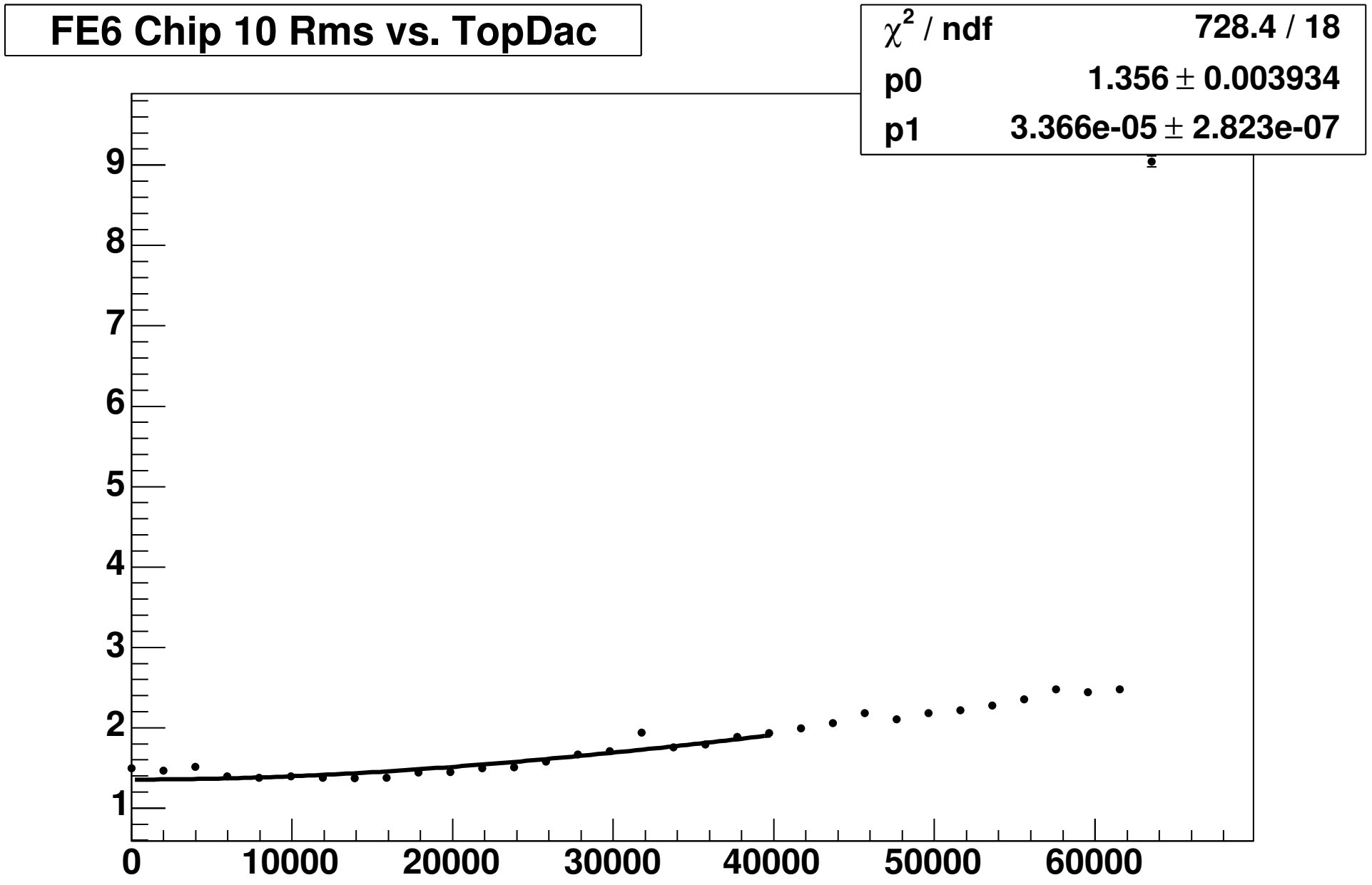
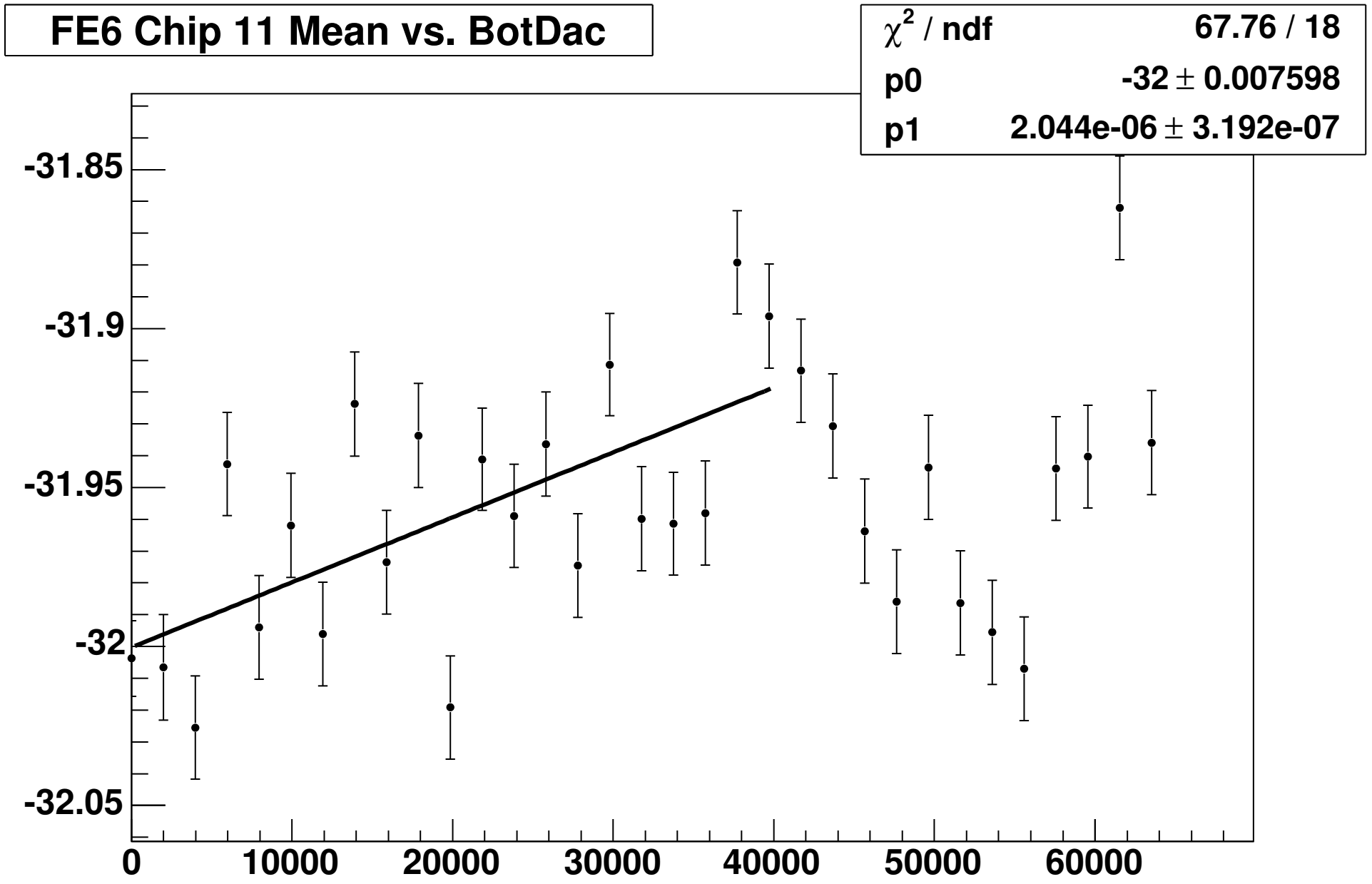
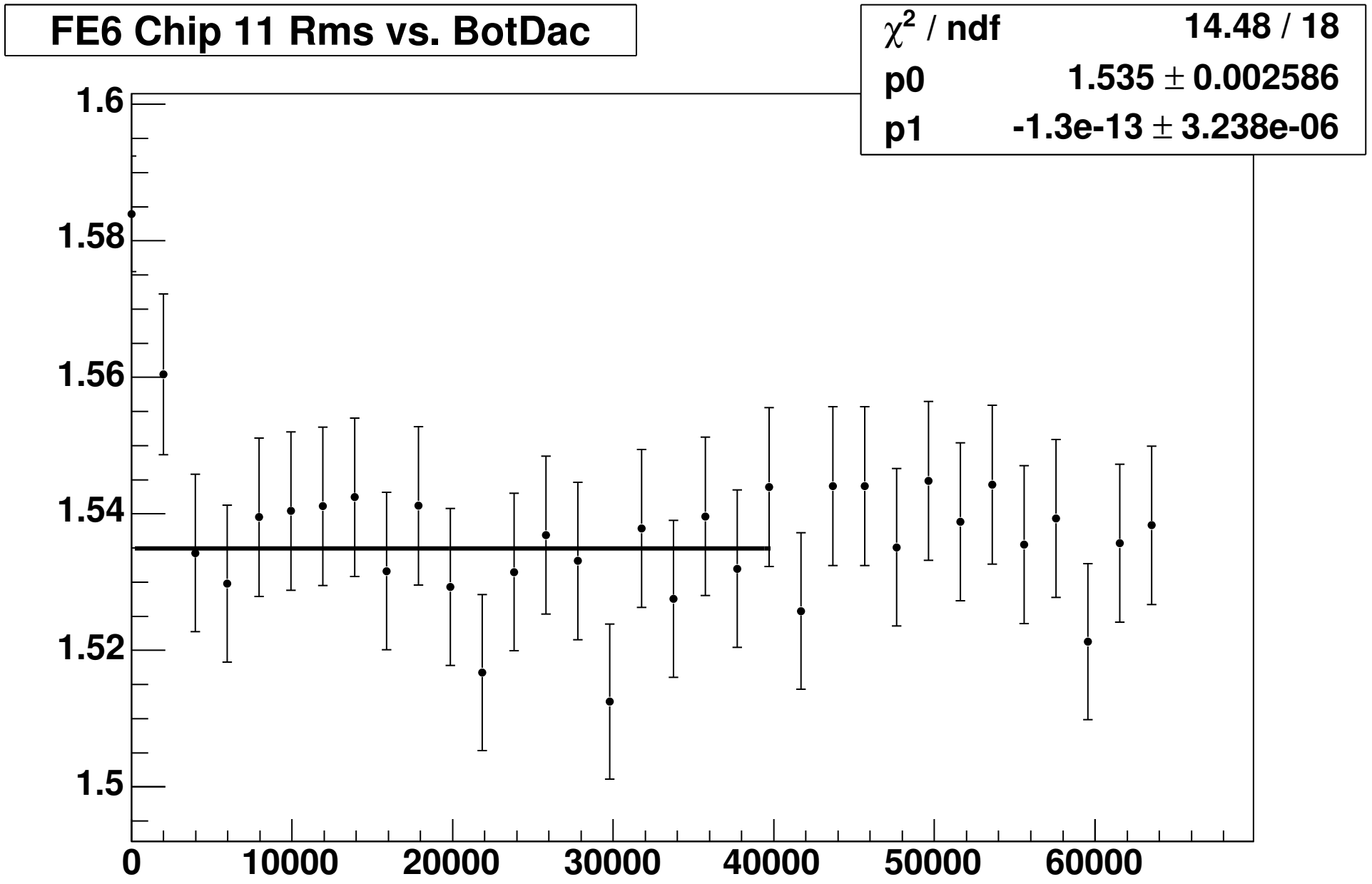
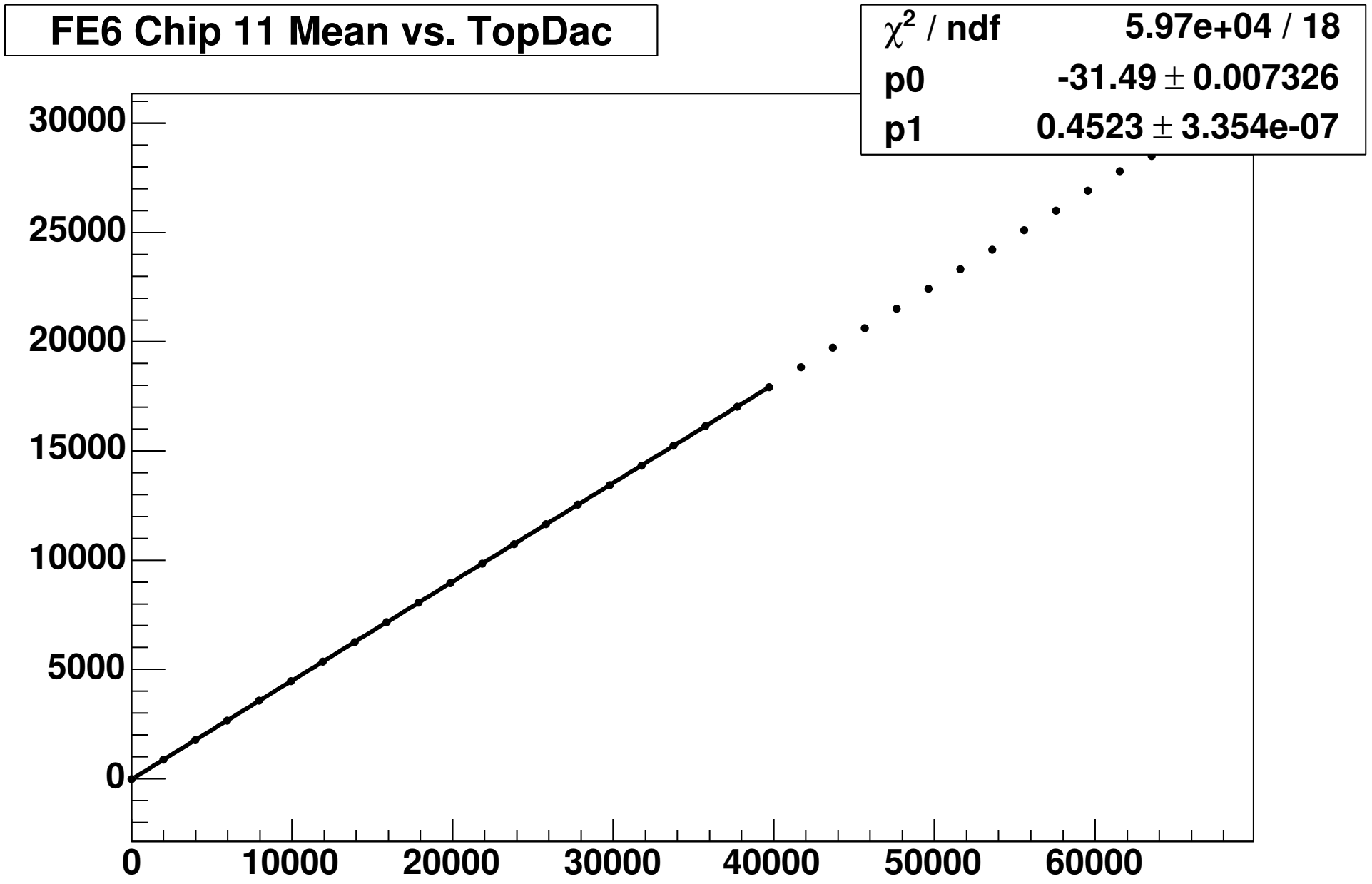
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 10 Rms vs. TopDac
χ² / ndf 728.4 / 18
p0 1.356 ± 0.003934
p1 3.366e-05 ± 2.823e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE6 Chip 11 Mean vs. BotDac
χ² / ndf 67.76 / 18
p0 -32 ± 0.007598
p1 2.044e-06 ± 3.192e-07
-31.85
-31.9
-31.95
-32
-32.05
0
10000
20000
30000
40000
50000
60000


FE6 Chip 11 Rms vs. BotDac
χ² / ndf 14.48 / 18
p0 1.535 ± 0.002586
p1 -1.3e-13 ± 3.238e-06
1.6
1.58
1.56
1.54
1.52
1.5
0
10000
20000
30000
40000
50000
60000


FE6 Chip 11 Mean vs. TopDac
χ² / ndf 5.97e+04 / 18
p0 -31.49 ± 0.007326
p1 0.4523 ± 3.354e-07
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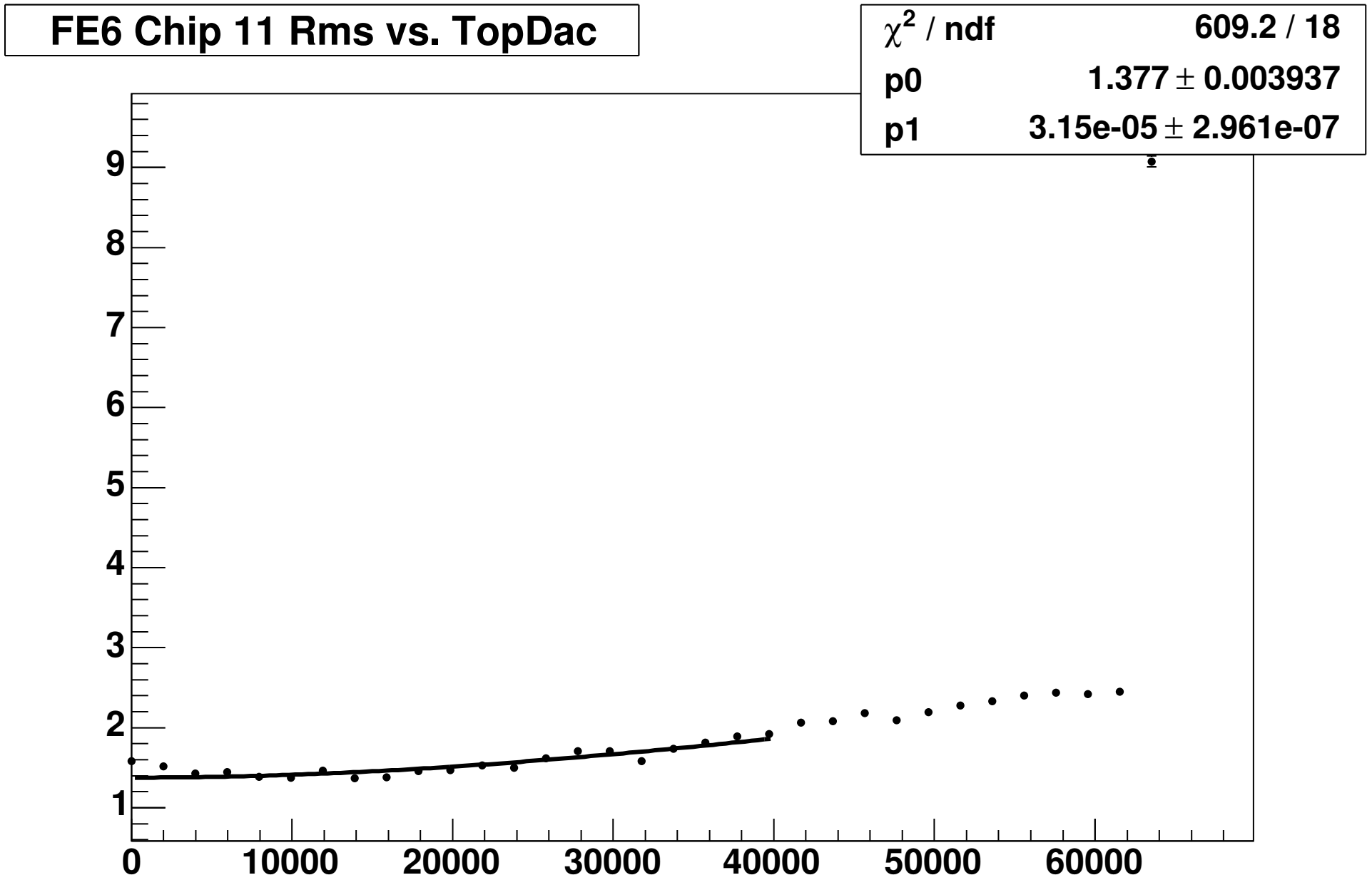
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 11 Rms vs. TopDac
χ² / ndf 609.2 / 18
p0 1.377 ± 0.003937
p1 3.15e-05 ± 2.961e-07
9
8
7
6
5
4
3
2
1
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10000
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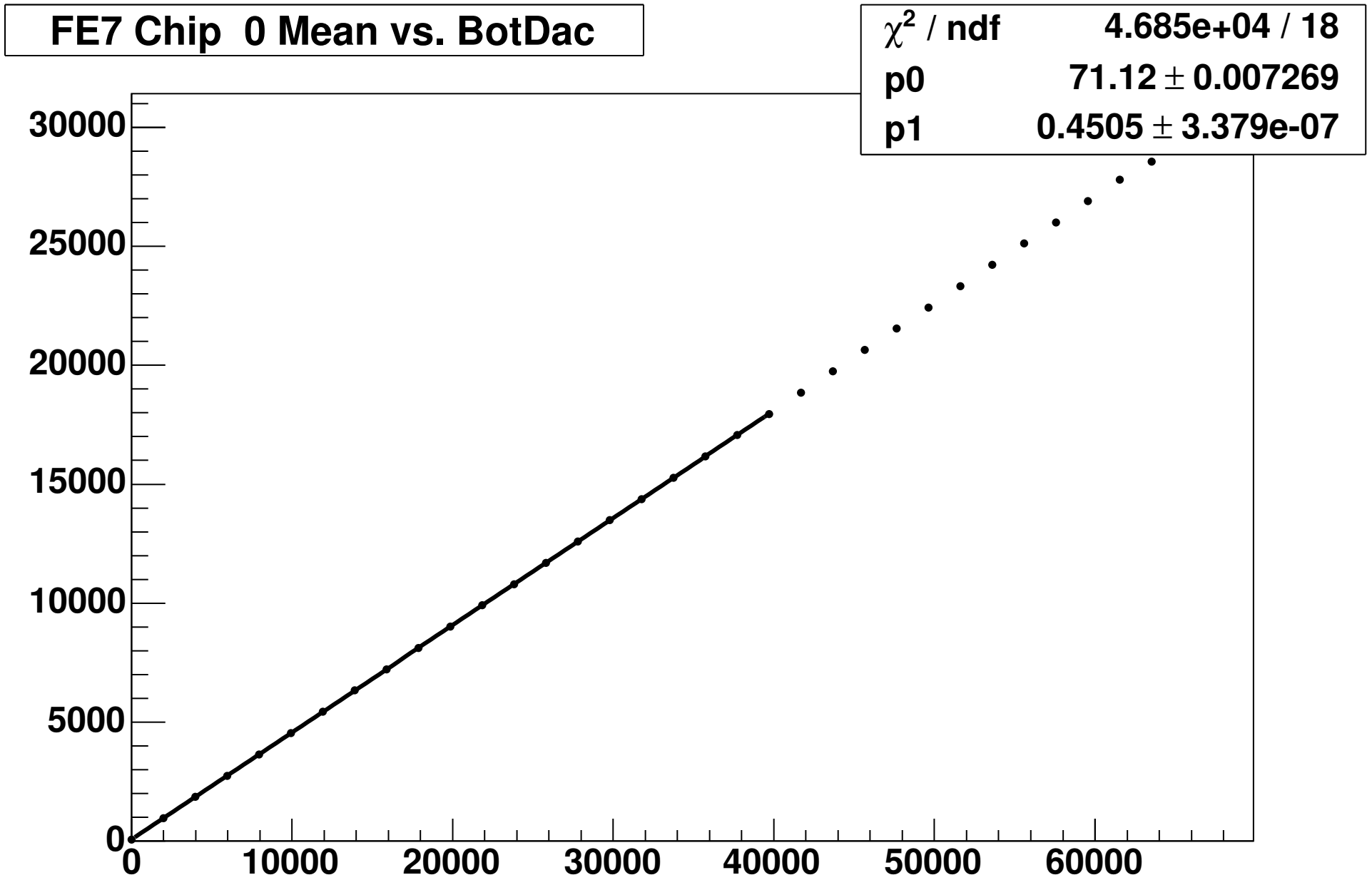
40000
50000
60000


FE7 Chip 0 Mean vs. BotDac
χ² / ndf 4.685e+04 / 18
p0 71.12 ± 0.007269
p1 0.4505 ± 3.379e-07
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20000
15000
10000
5000
0
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10000
20000
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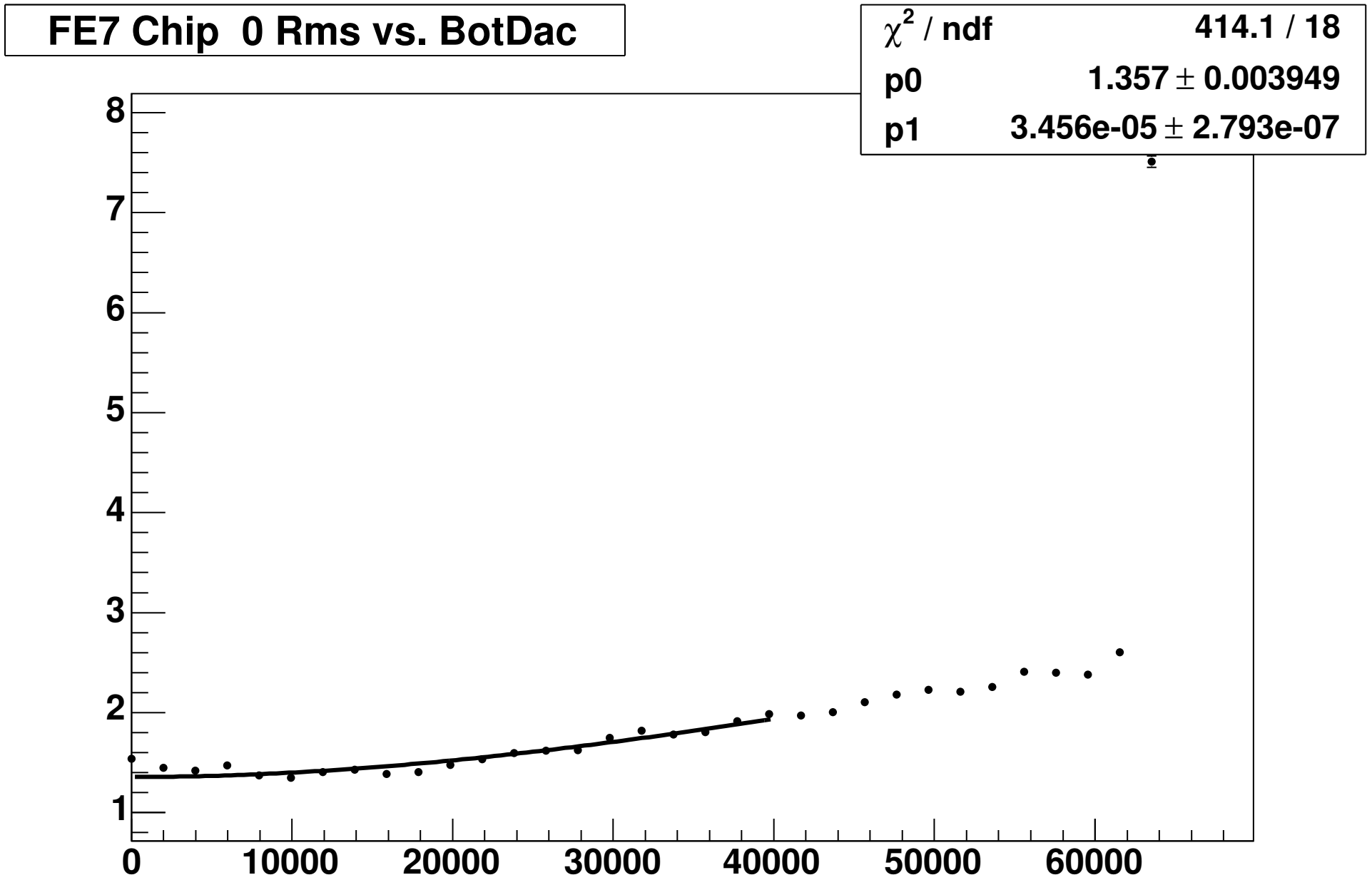
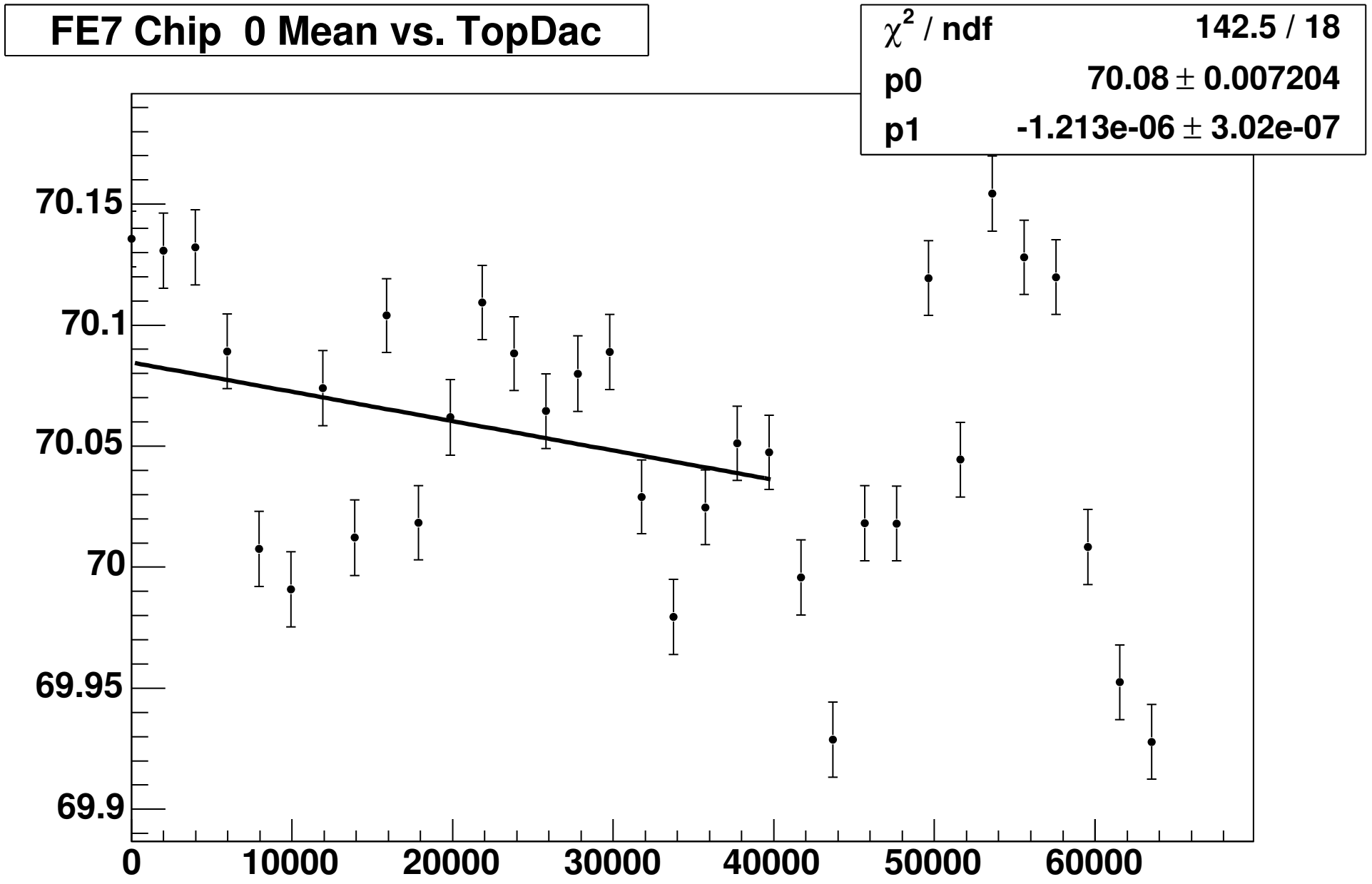
60000


FE7 Chip 0 Rms vs. BotDac
χ² / ndf 414.1 / 18
p0 1.357 ± 0.003949
p1 3.456e-05 ± 2.793e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE7 Chip 0 Mean vs. TopDac
χ^2 / ndf 142.5 / 18
p0 70.08 ± 0.007204
p1 -1.213e-06 ± 3.02e-07
70.15
70.1
70.05
70
69.95
69.9
0
10000
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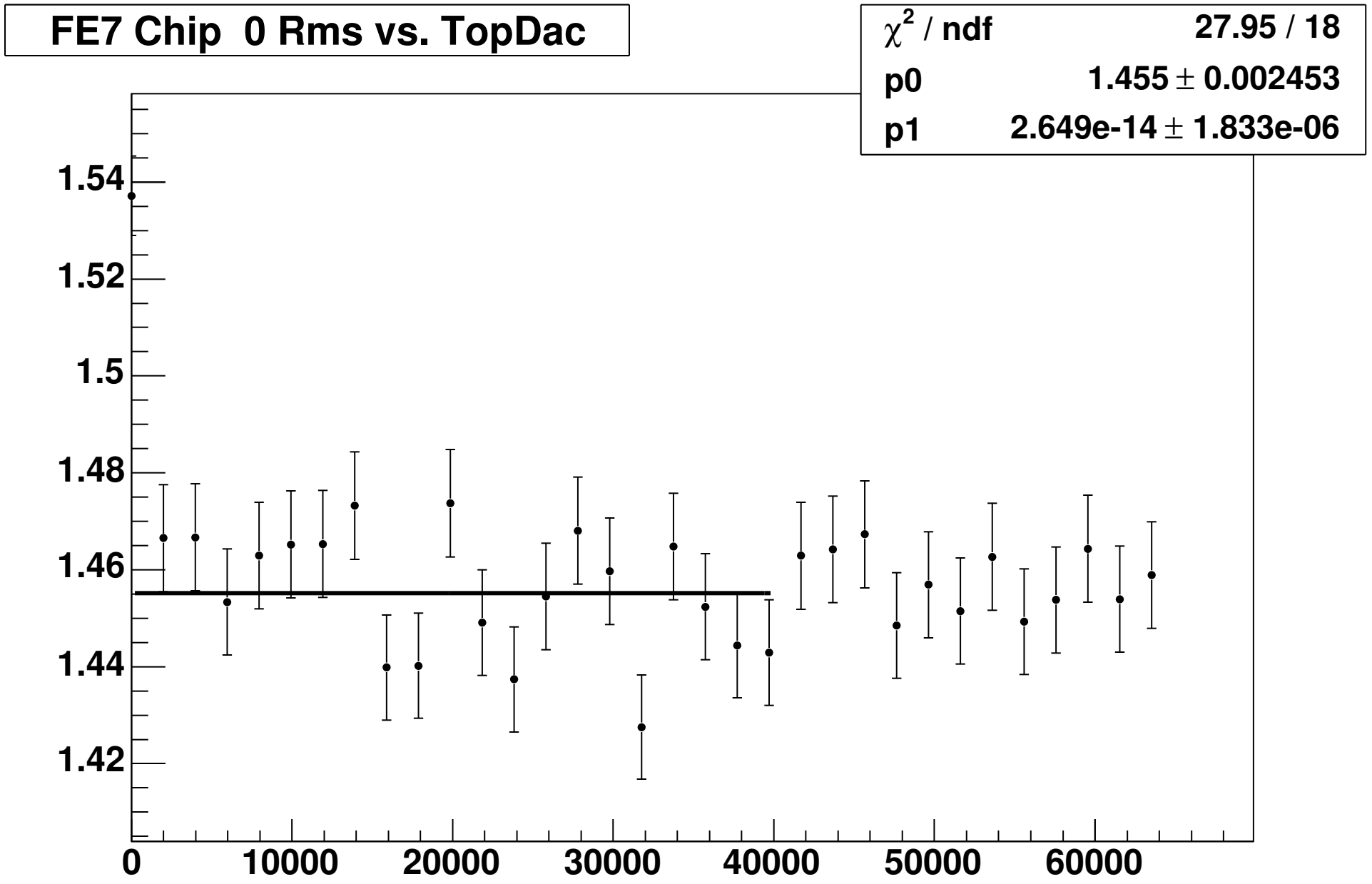
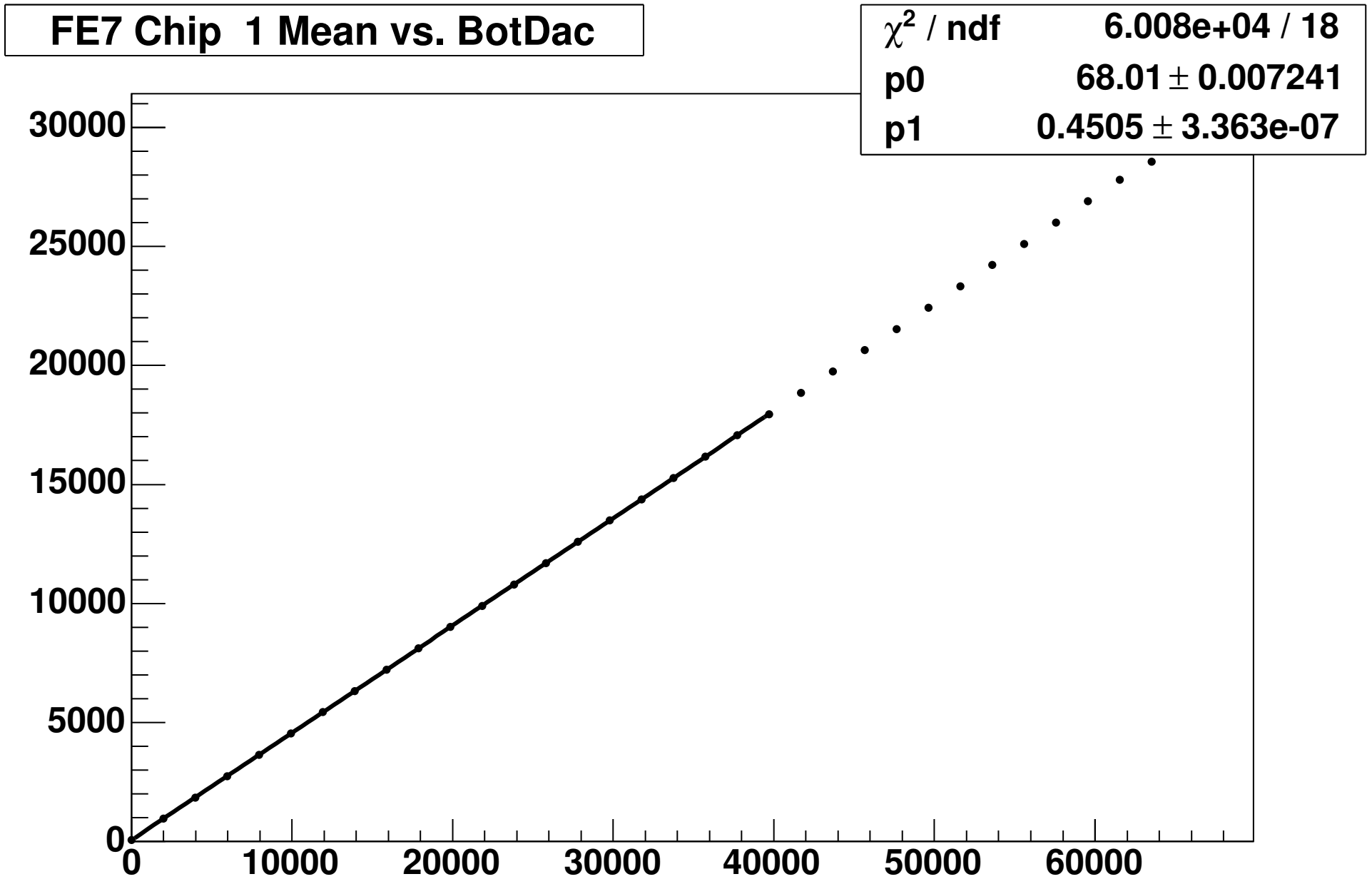
40000
50000
60000


FE7 Chip 0 Rms vs. TopDac
χ² / ndf 27.95 / 18
p0 1.455 ± 0.002453
p1 2.649e-14 ± 1.833e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000


FE7 Chip 1 Mean vs. BotDac
χ² / ndf 6.008e+04 / 18
p0 68.01 ± 0.007241
p1 0.4505 ± 3.363e-07
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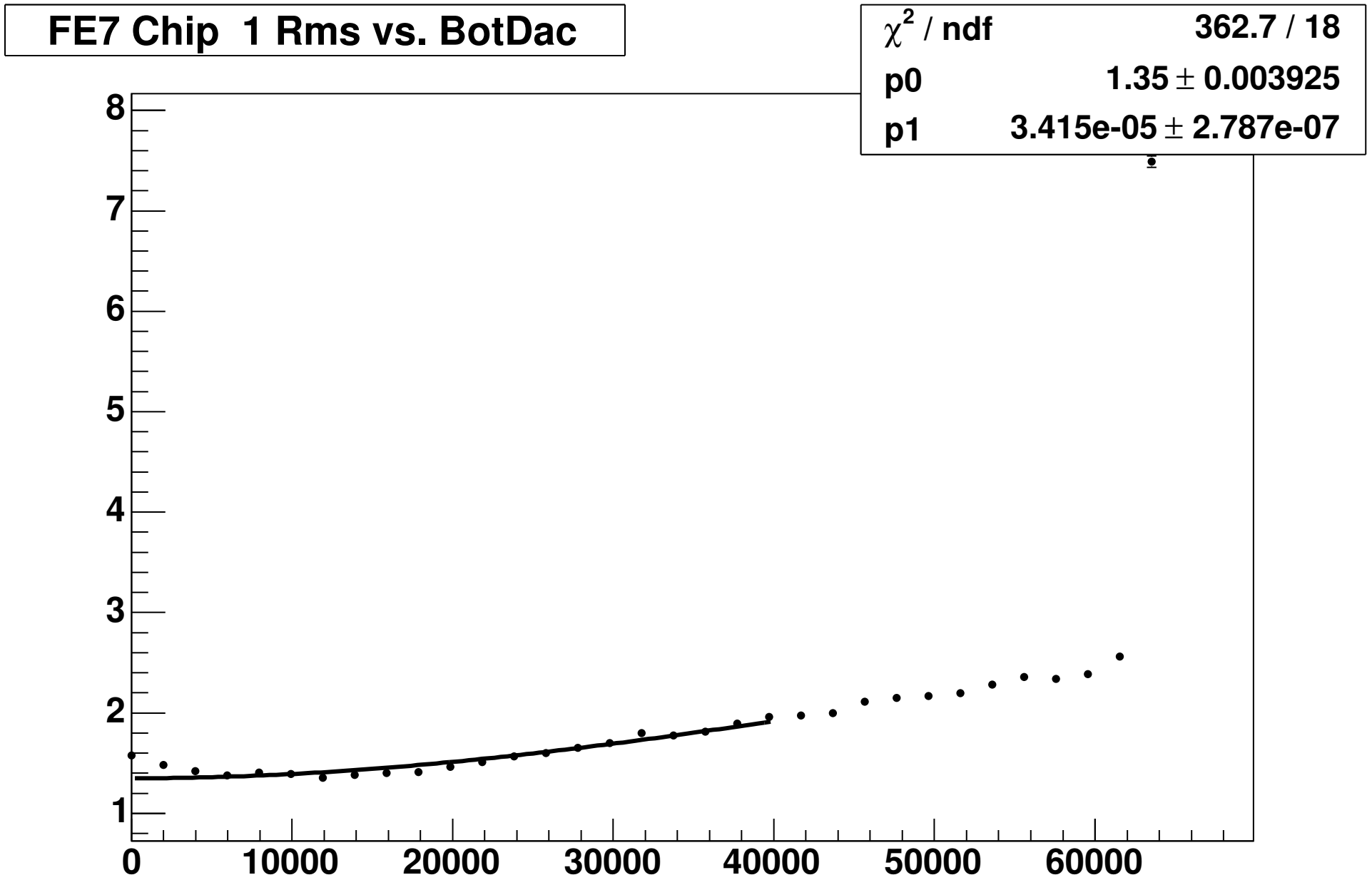
0
10000
20000
30000
40000
50000
60000


FE7 Chip 1 Rms vs. BotDac
χ² / ndf 362.7 / 18
p0 1.35 ± 0.003925
p1 3.415e-05 ± 2.787e-07
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7
6
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4
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1
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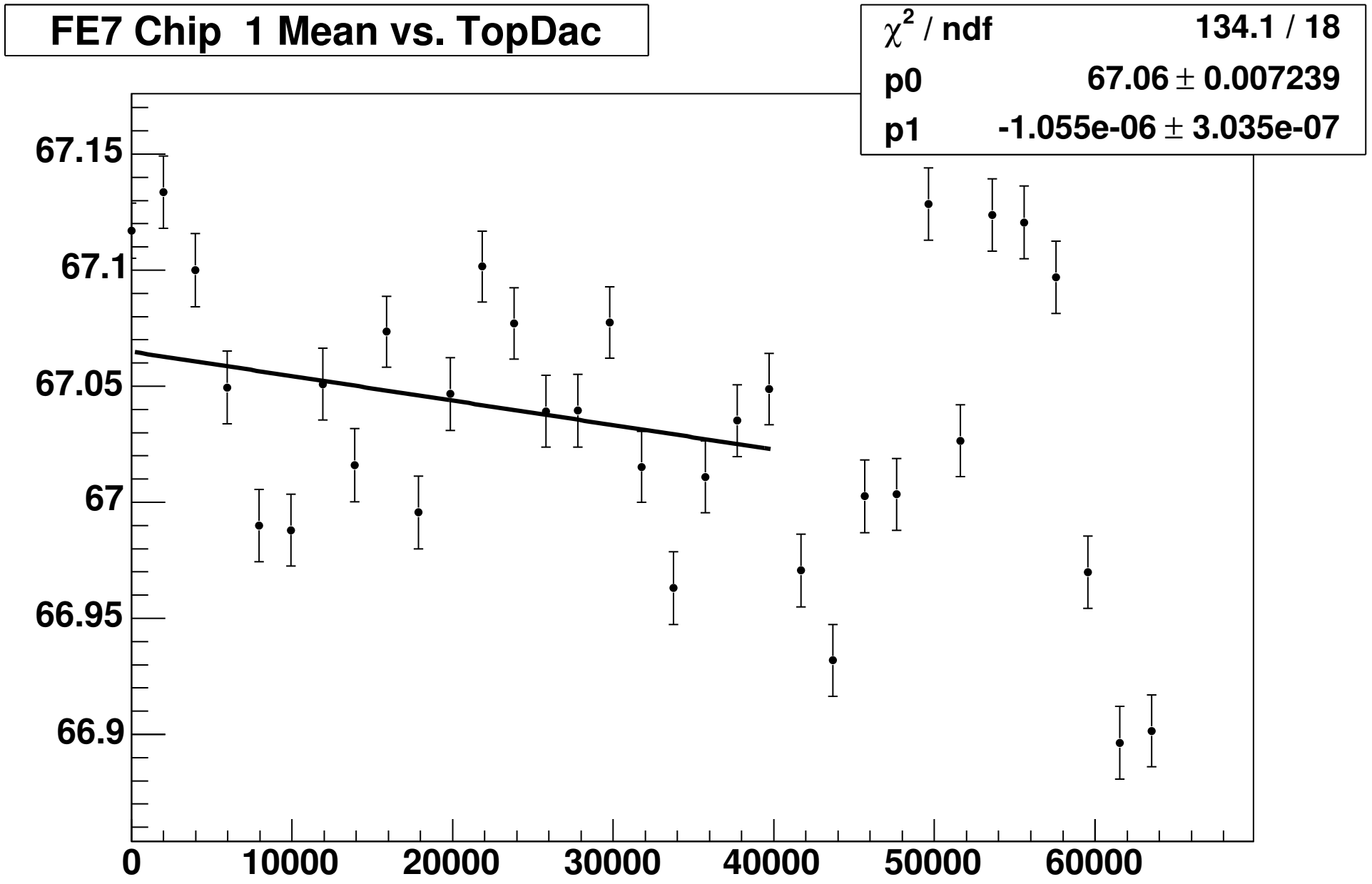
FE7 Chip 1 Mean vs. TopDac
χ^2 / ndf 134.1 / 18
p0 67.06 ± 0.007239
p1 -1.055e-06 ± 3.035e-07
67.15
67.1
67.05
67
66.95
66.9
0
10000
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30000
40000
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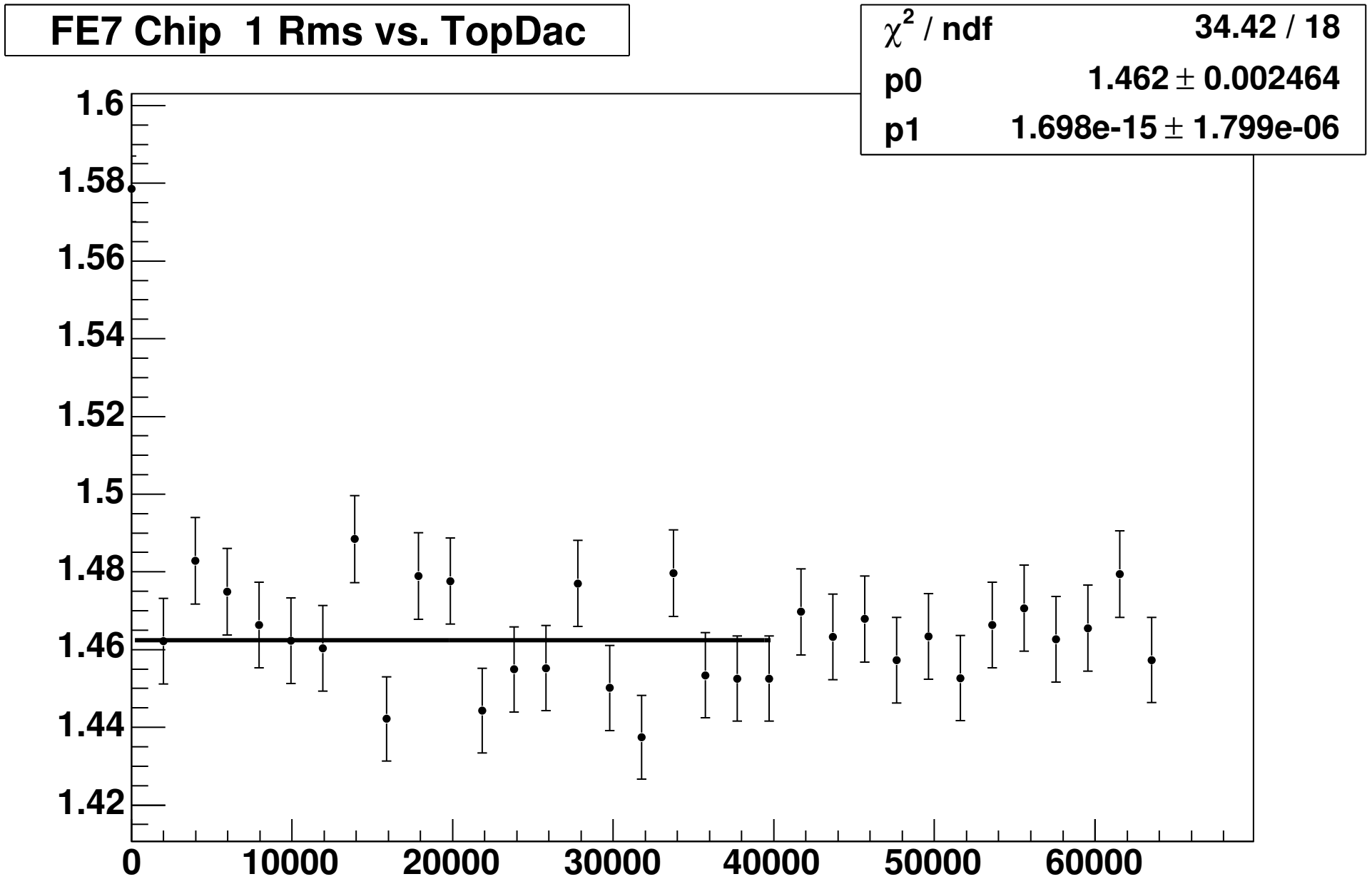
60000


FE7 Chip 1 Rms vs. TopDac
χ² / ndf 34.42 / 18
p0 1.462 ± 0.002464
p1 1.698e-15 ± 1.799e-06
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
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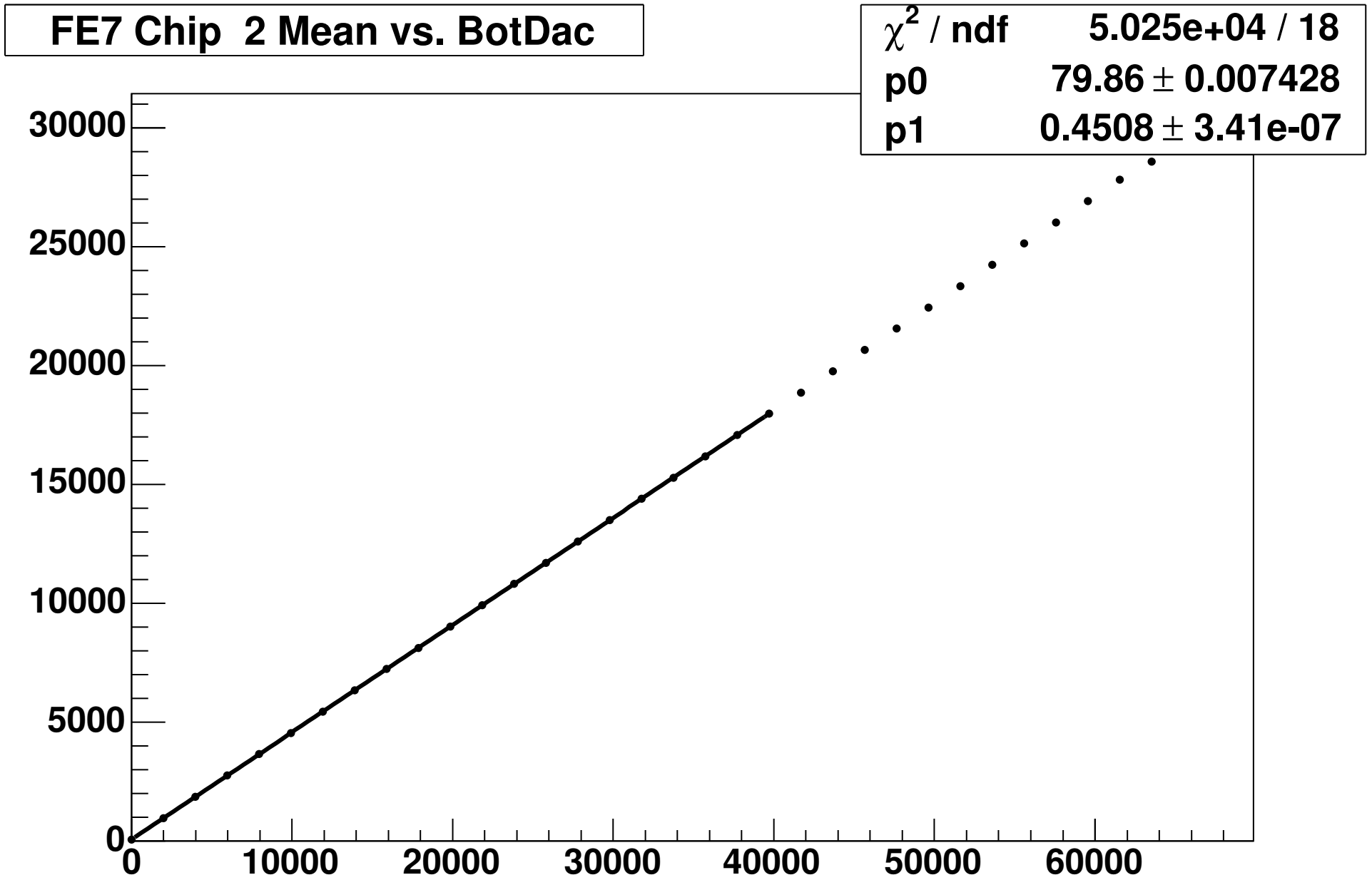
FE7 Chip 2 Mean vs. BotDac
χ² / ndf 5.025e+04 / 18
p0 79.86 ± 0.007428
p1 0.4508 ± 3.41e-07
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25000
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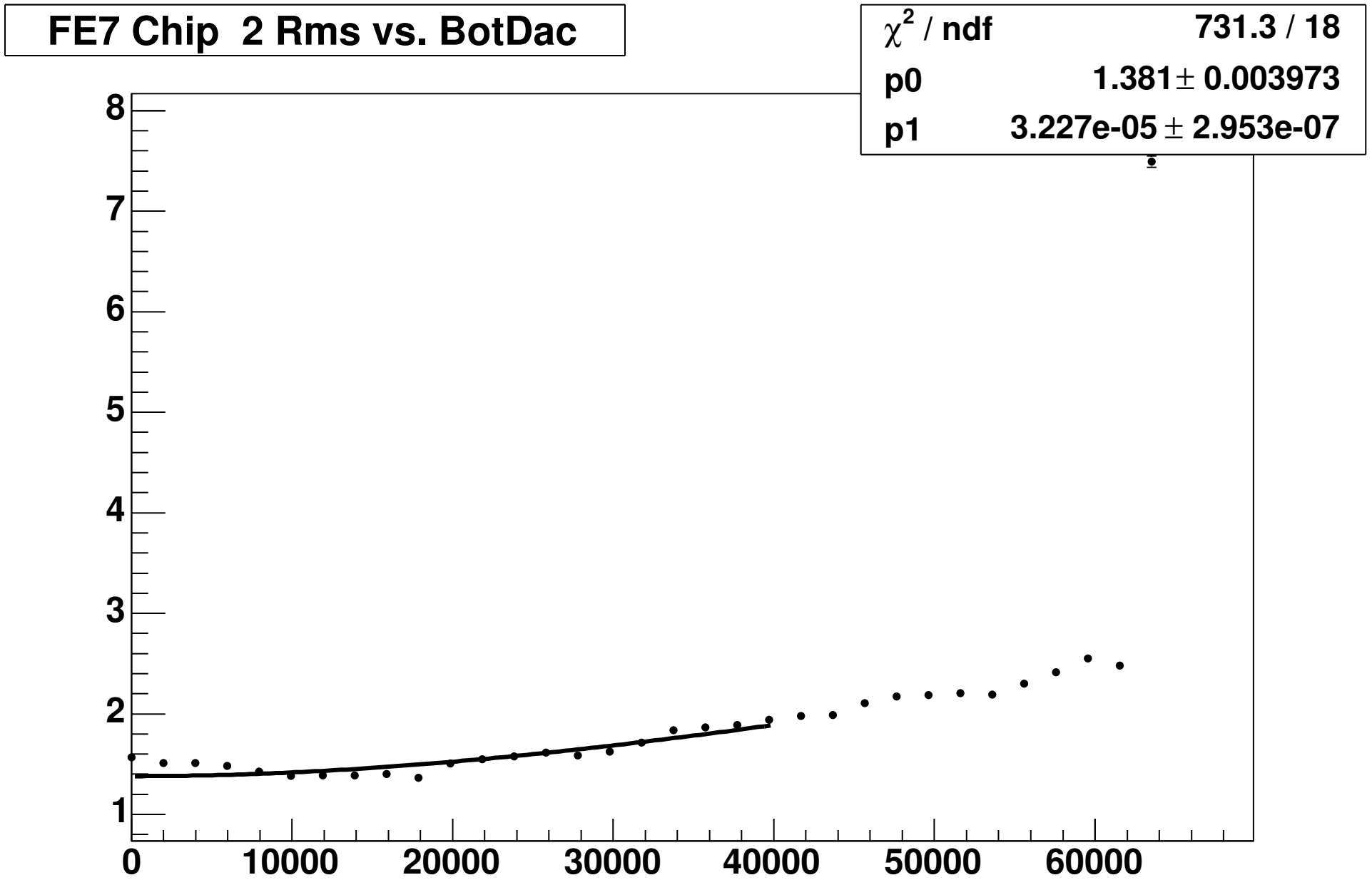
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 2 Rms vs. BotDac
χ² / ndf 731.3 / 18
p0 1.381 ± 0.003973
p1 3.227e-05 ± 2.953e-07
8
7
6
5
4
3
2
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0
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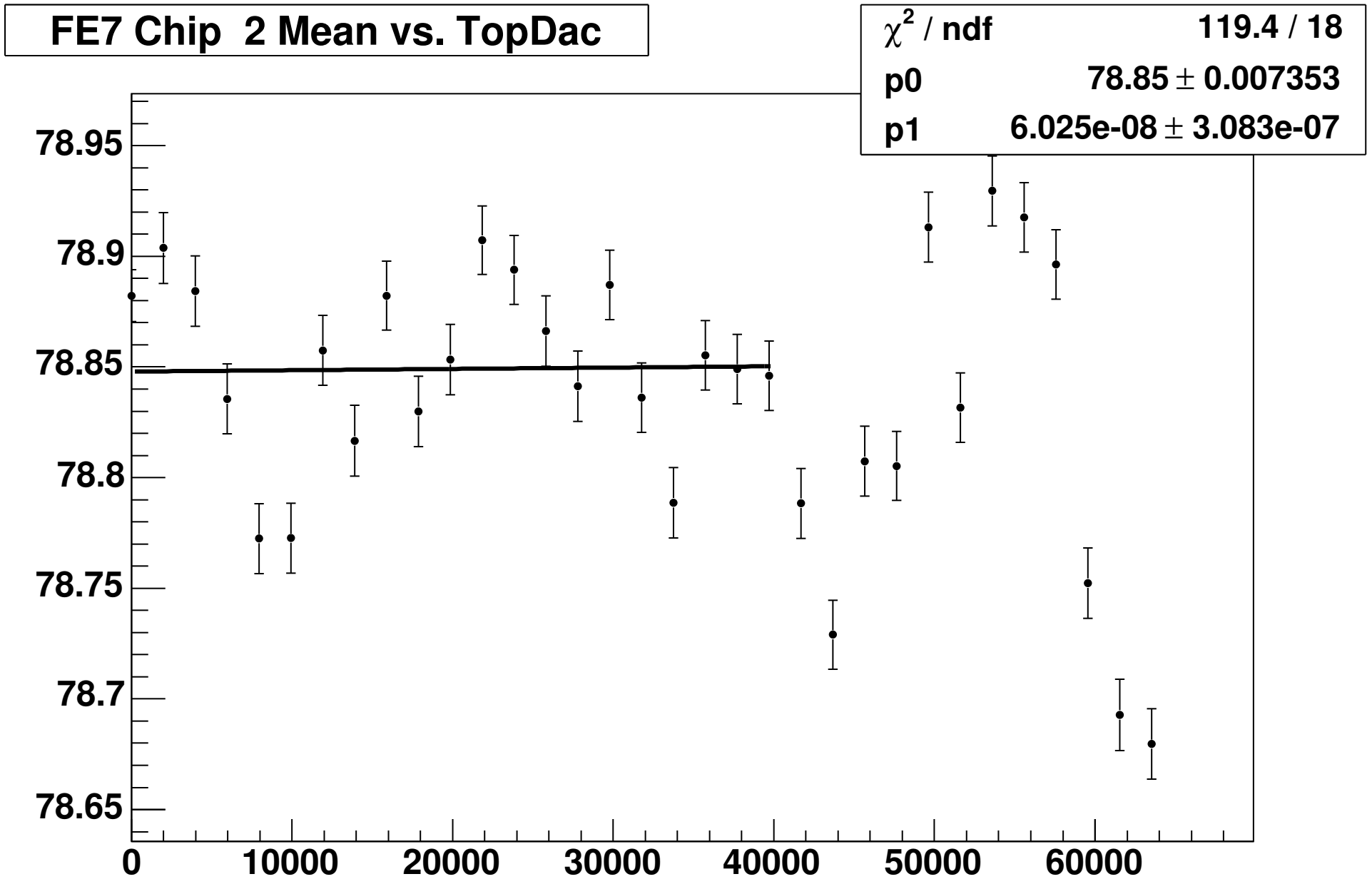
60000


FE7 Chip 2 Mean vs. TopDac
χ² / ndf 119.4 / 18
p0 78.85 ± 0.007353
p1 6.025e-08 ± 3.083e-07
78.95
78.9
78.85
78.8
78.75
78.7
78.65
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10000
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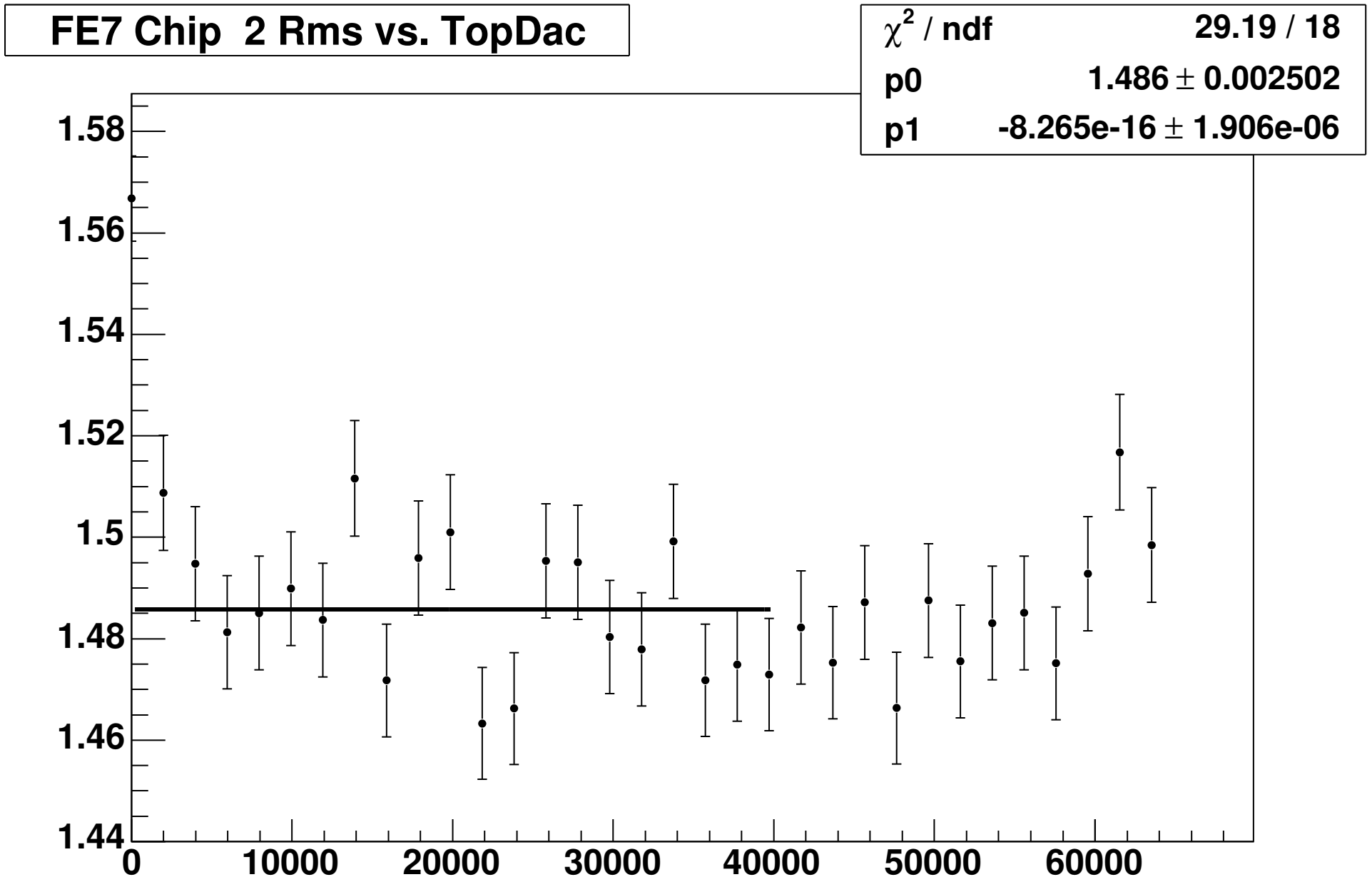
60000


FE7 Chip 2 Rms vs. TopDac
χ² / ndf 29.19 / 18
p0 1.486 ± 0.002502
p1 -8.265e-16 ± 1.906e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
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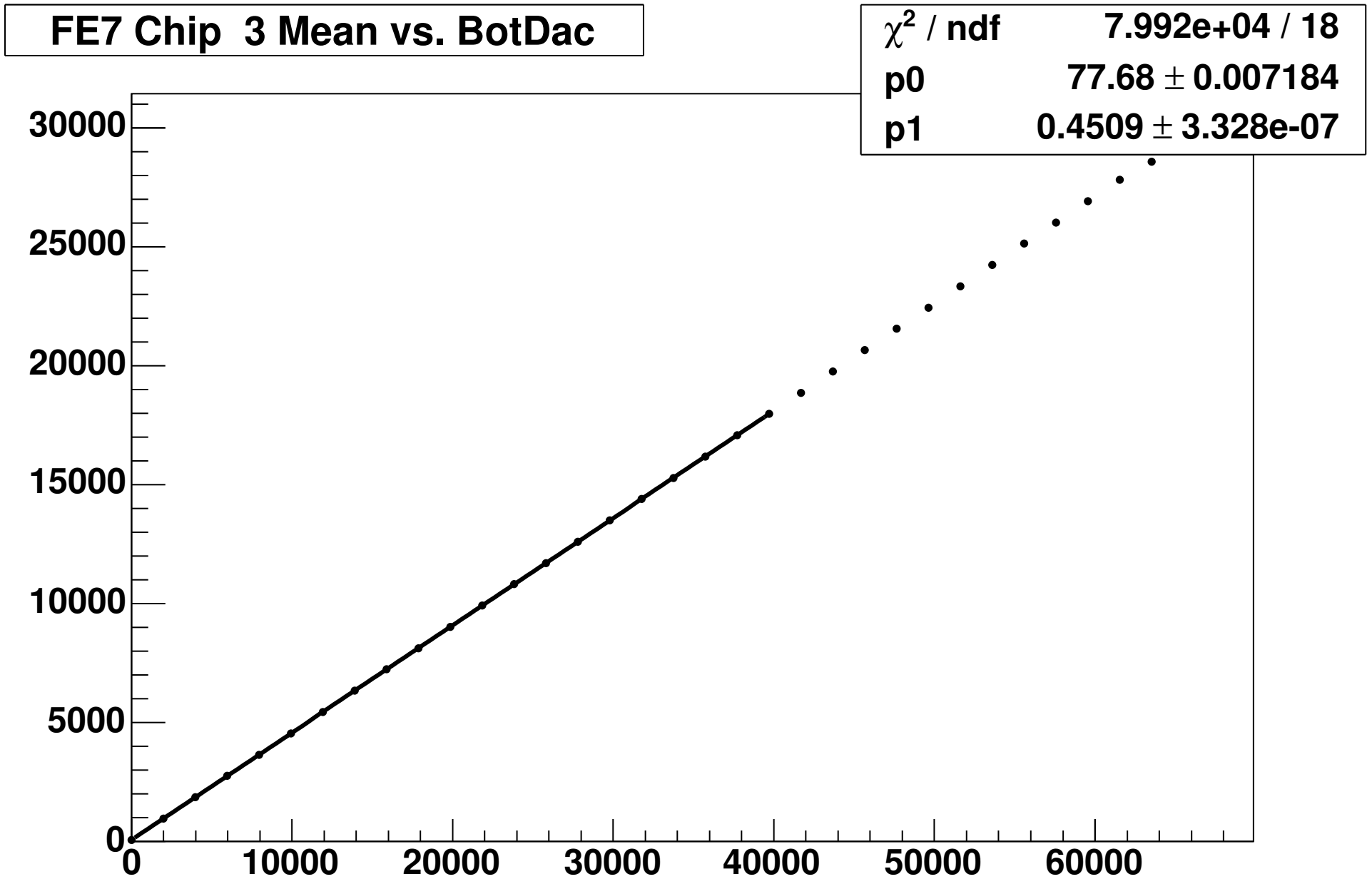
FE7 Chip 3 Mean vs. BotDac
χ² / ndf 7.992e+04 / 18
p0 77.68 ± 0.007184
p1 0.4509 ± 3.328e-07
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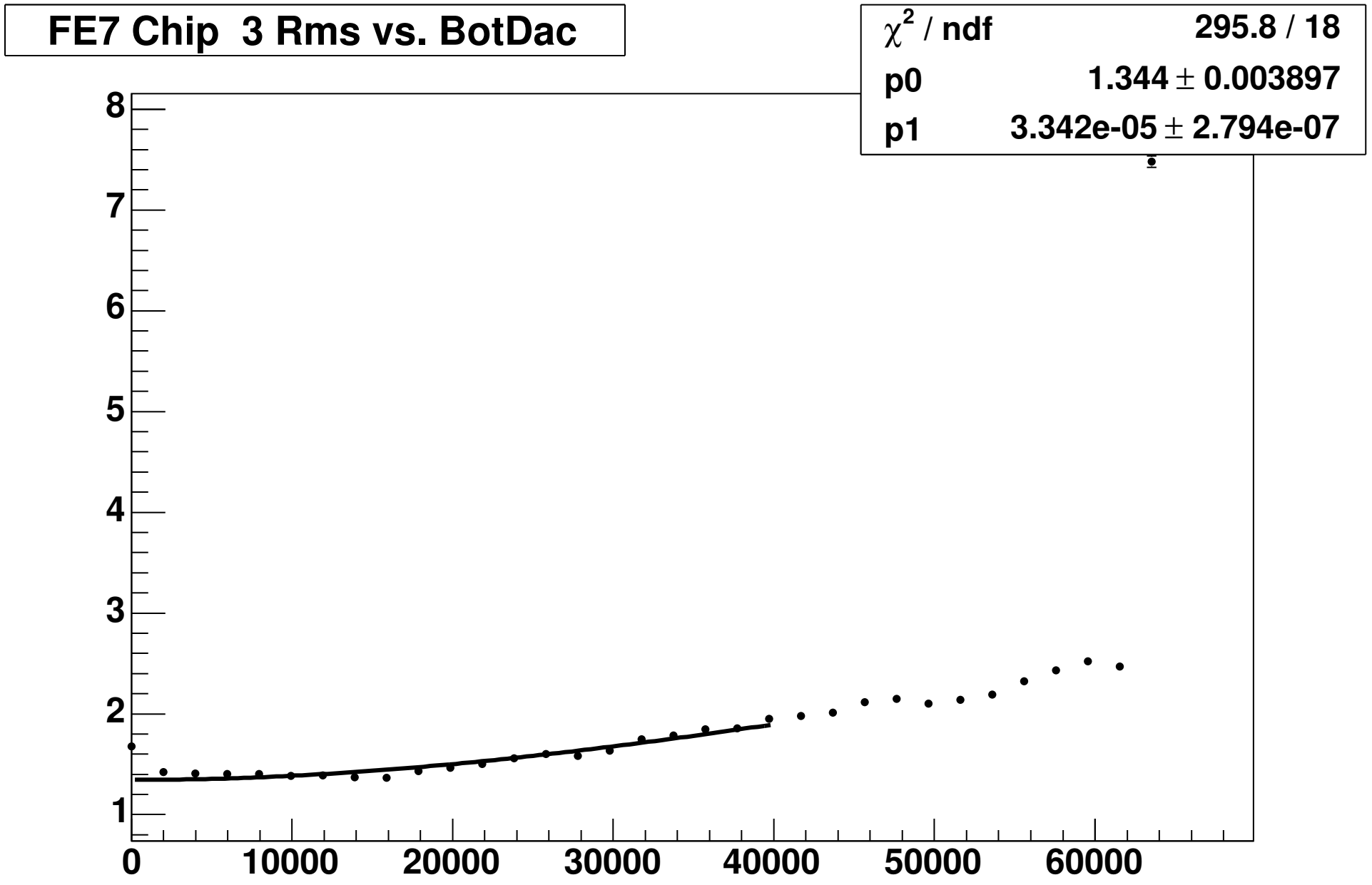
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 3 Rms vs. BotDac
χ² / ndf 295.8 / 18
p0 1.344 ± 0.003897
p1 3.342e-05 ± 2.794e-07
8
7
6
5
4
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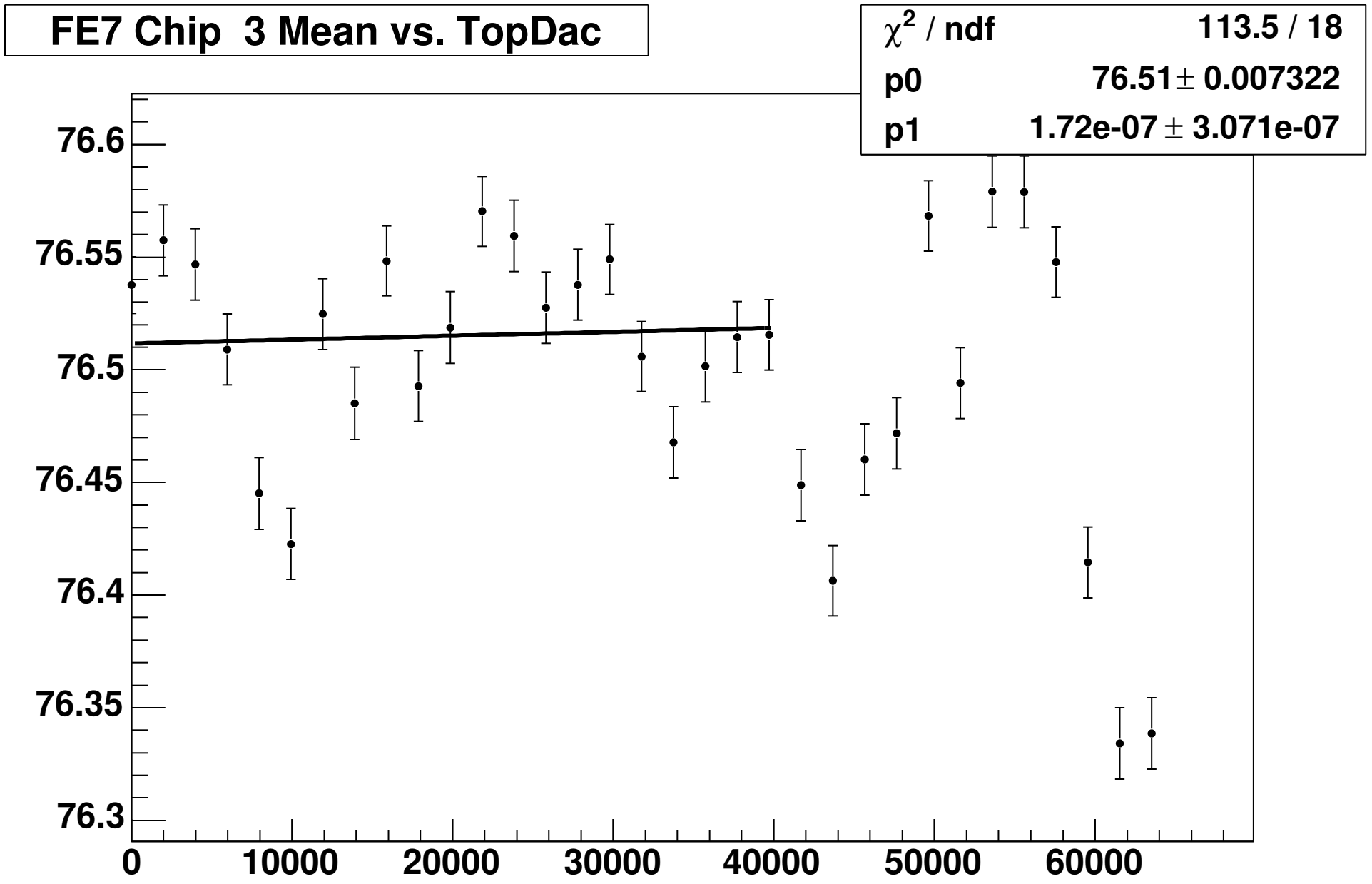
FE7 Chip 3 Mean vs. TopDac
χ² / ndf 113.5 / 18
p0 76.51 ± 0.007322
p1 1.72e-07 ± 3.071e-07
76.6
76.55
76.5
76.45
76.4
76.35
76.3
0
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50000
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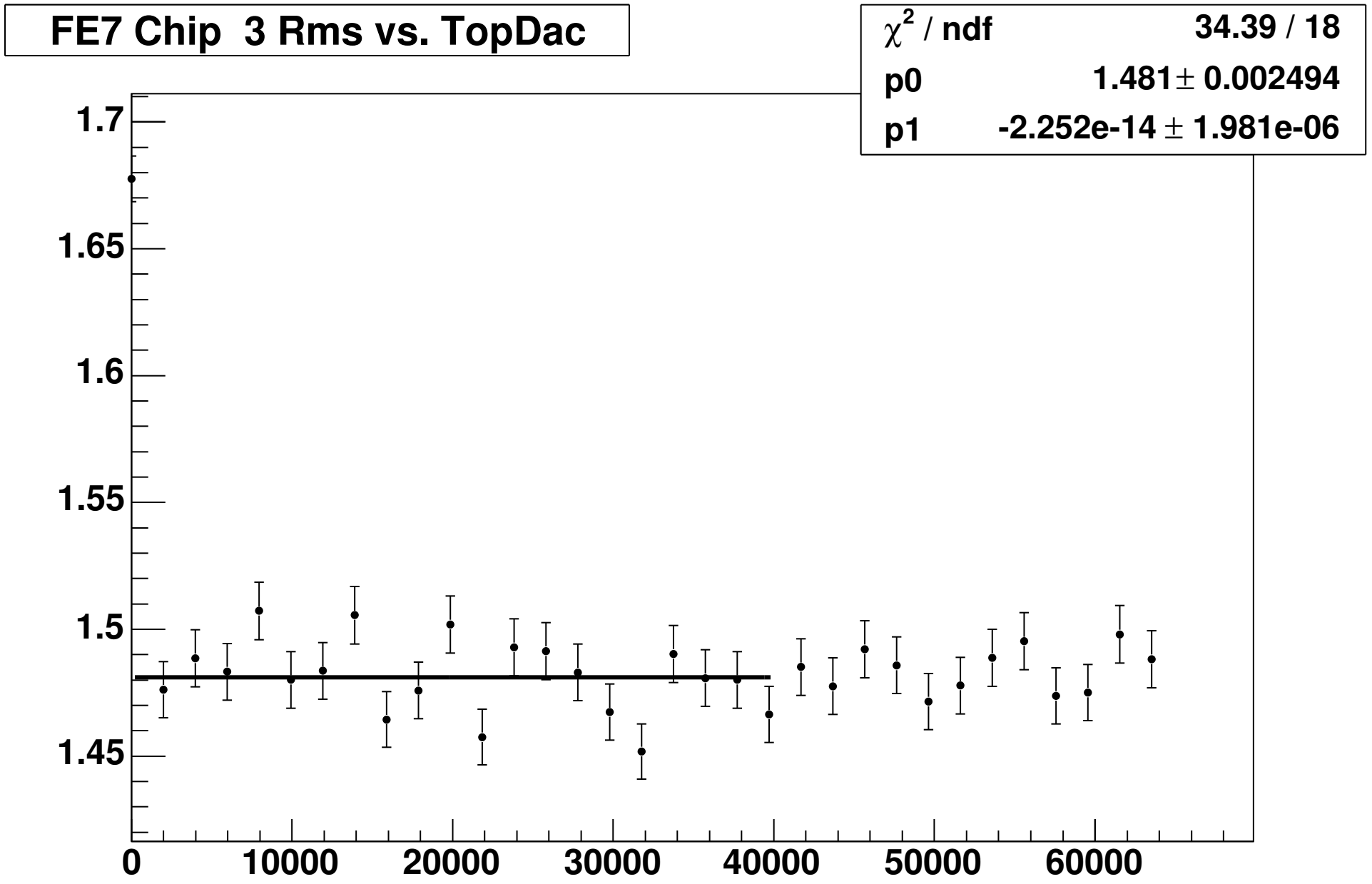
FE7 Chip 3 Rms vs. TopDac
χ² / ndf 34.39 / 18
p0 1.481 ± 0.002494
p1 -2.252e-14 ± 1.981e-06
1.7
1.65
1.6
1.55
1.5
1.45
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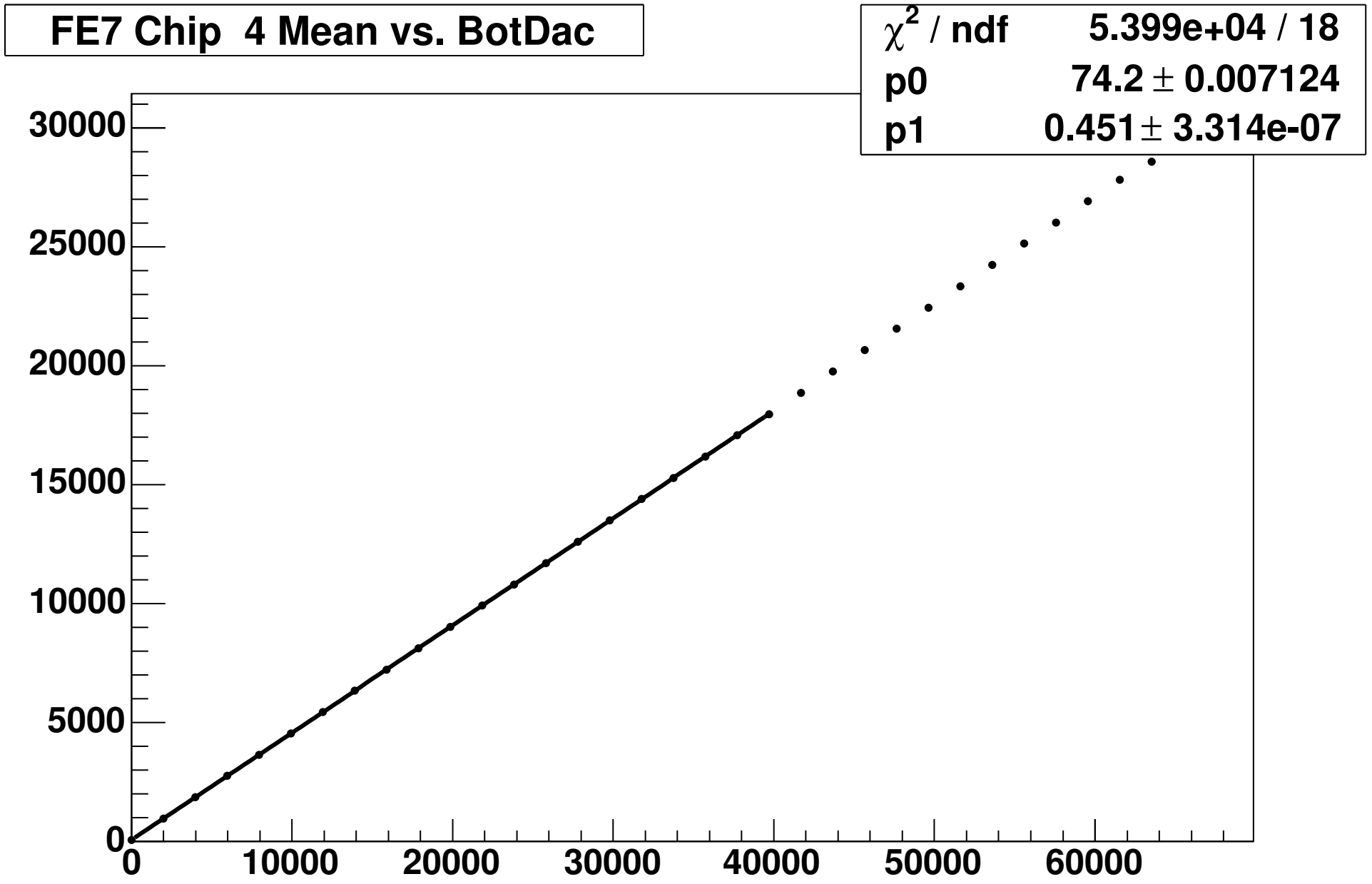
FE7 Chip 4 Mean vs. BotDac
χ² / ndf 5.399e+04 / 18
p0 74.2 ± 0.007124
p1 0.451 ± 3.314e-07
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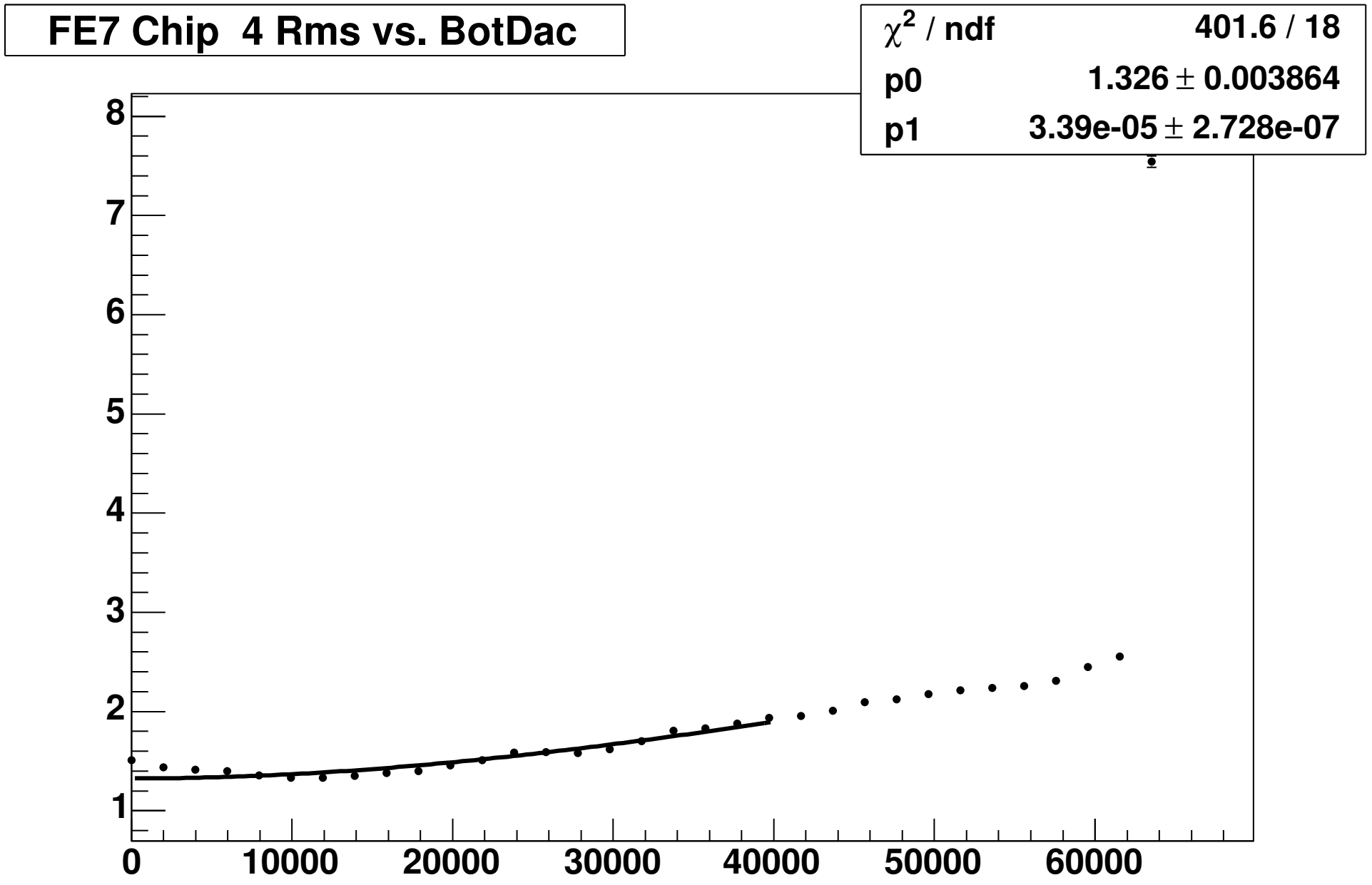
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 4 Rms vs. BotDac
χ² / ndf 401.6 / 18
p0 1.326 ± 0.003864
p1 3.39e-05 ± 2.728e-07
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6
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4
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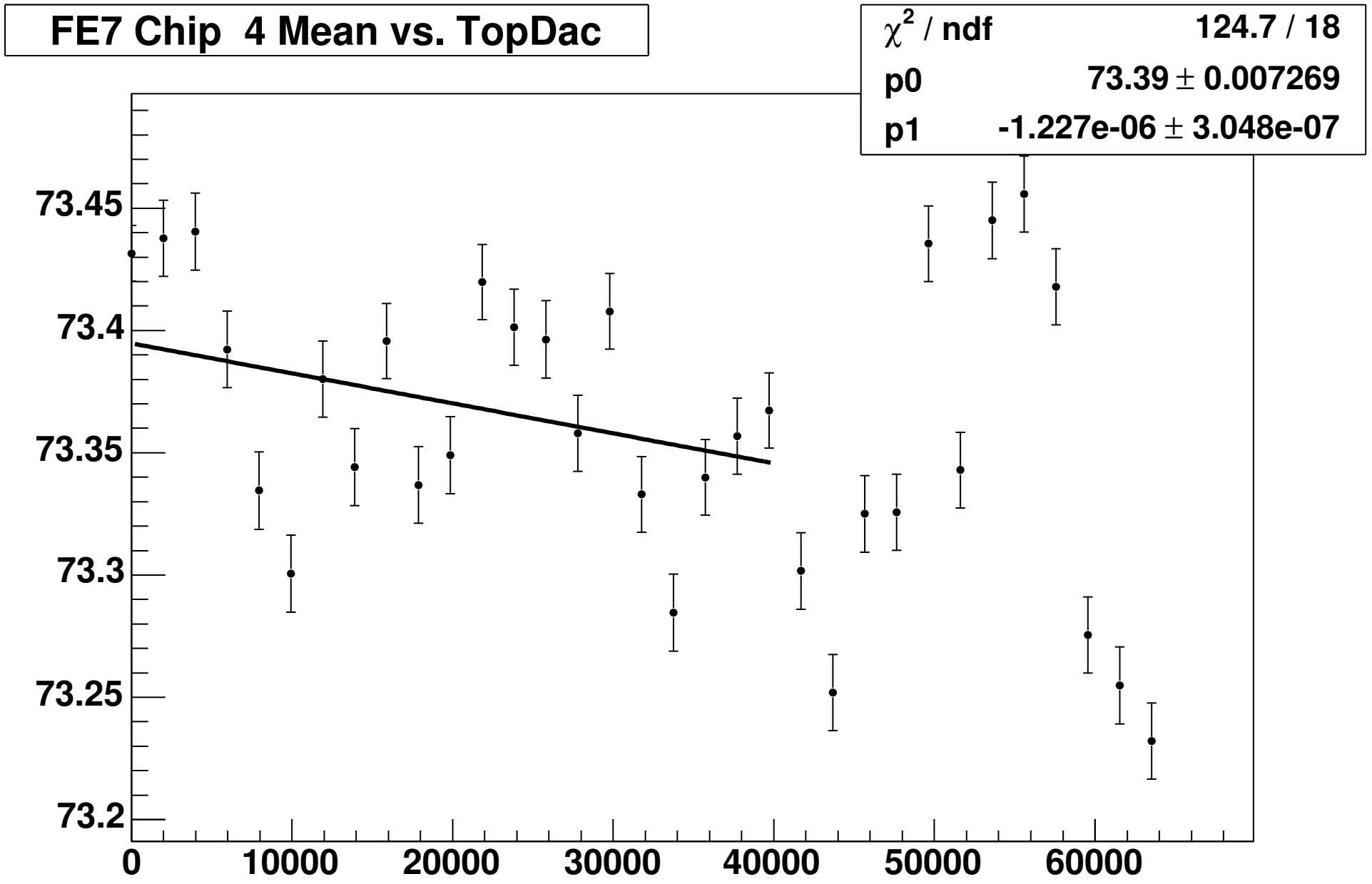
FE7 Chip 4 Mean vs. TopDac
χ^2 / ndf 124.7 / 18
p0 73.39 ± 0.007269
p1 -1.227e-06 ± 3.048e-07
73.45
73.4
73.35
73.3
73.25
73.2
0
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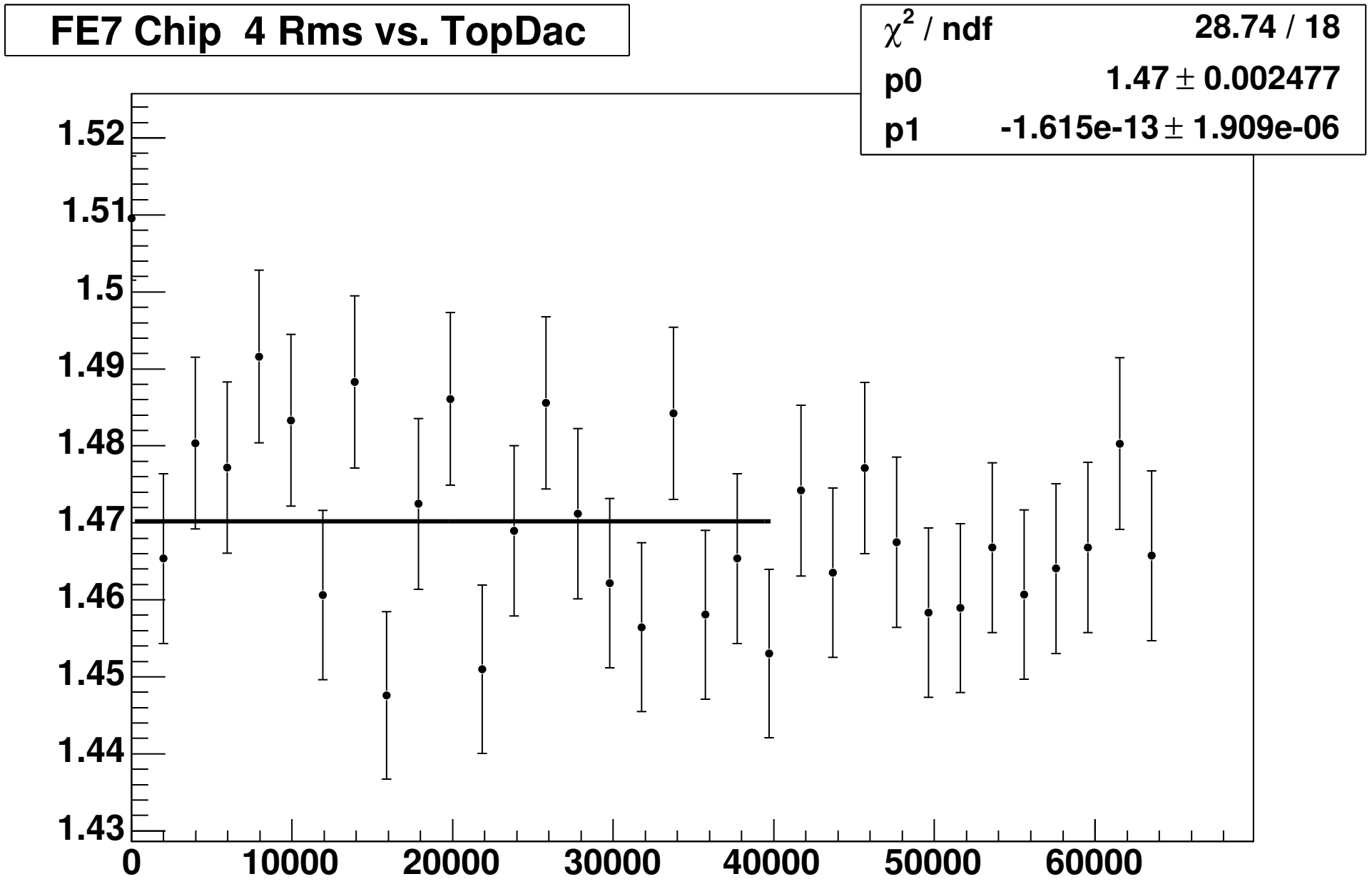
FE7 Chip 4 Rms vs. TopDac
χ² / ndf 28.74 / 18
p0 1.47 ± 0.002477
p1 -1.615e-13 ± 1.909e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
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10000
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30000
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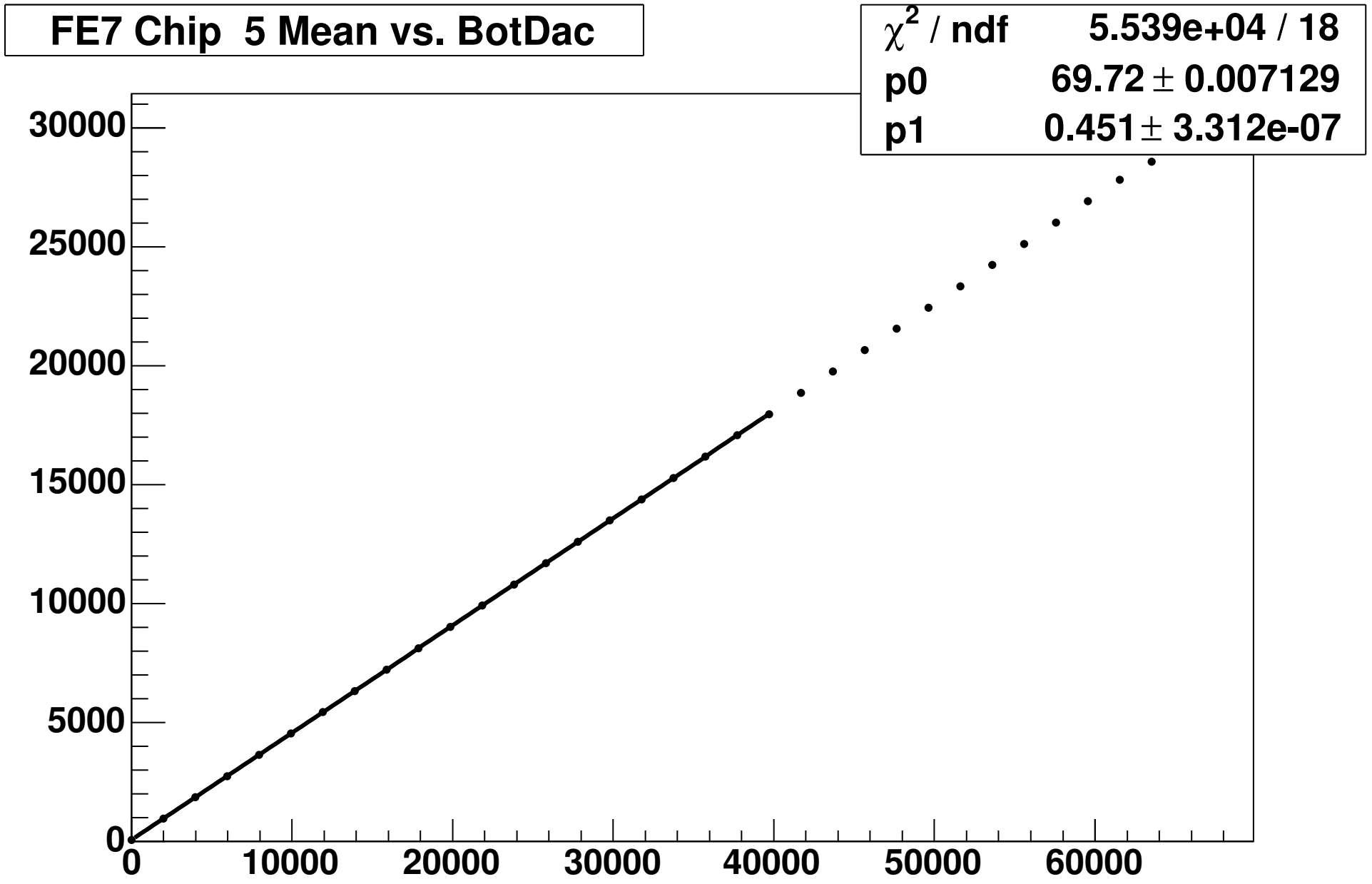
FE7 Chip 5 Mean vs. BotDac
χ² / ndf 5.539e+04 / 18
p0 69.72 ± 0.007129
p1 0.451 ± 3.312e-07
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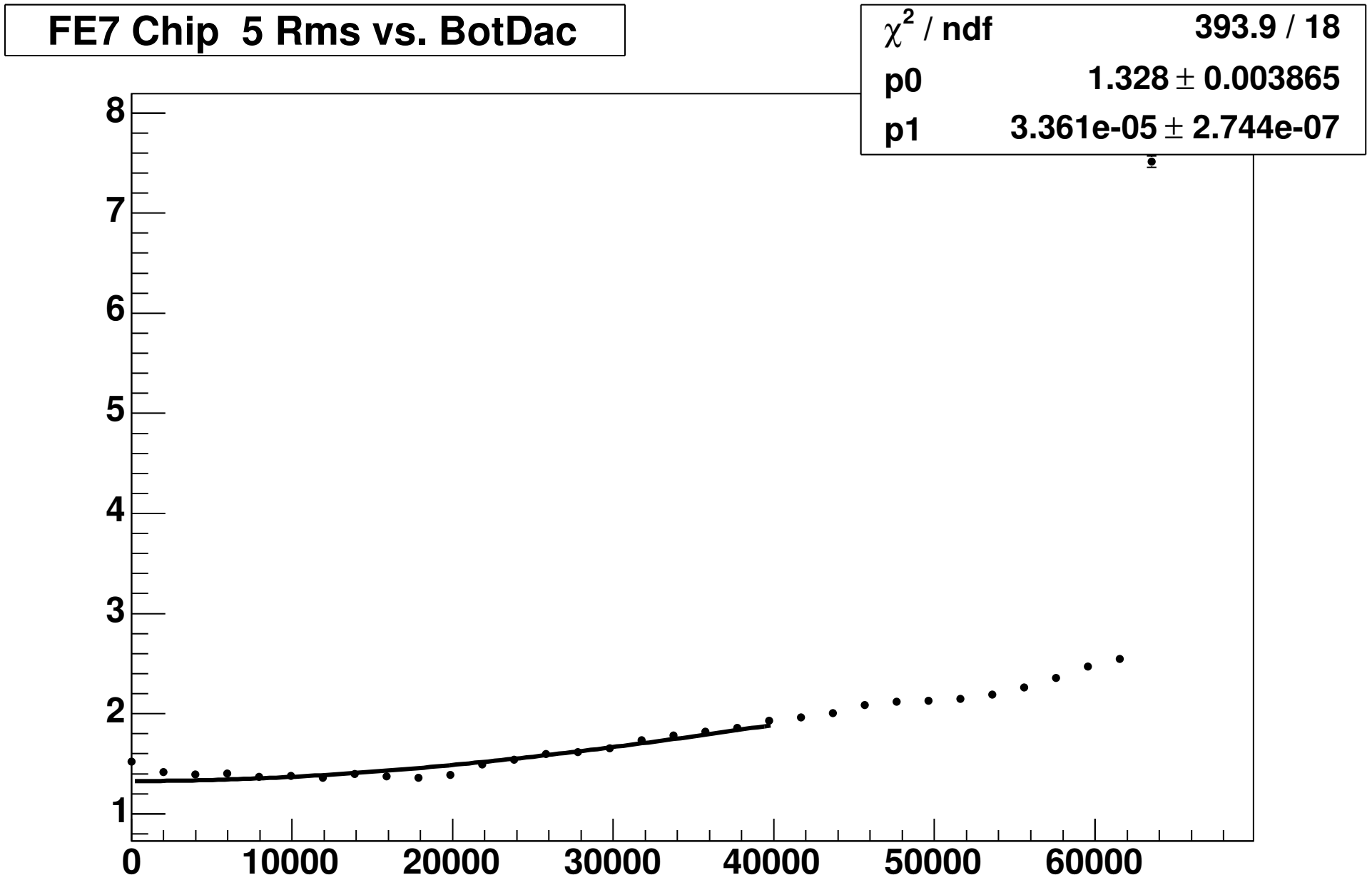
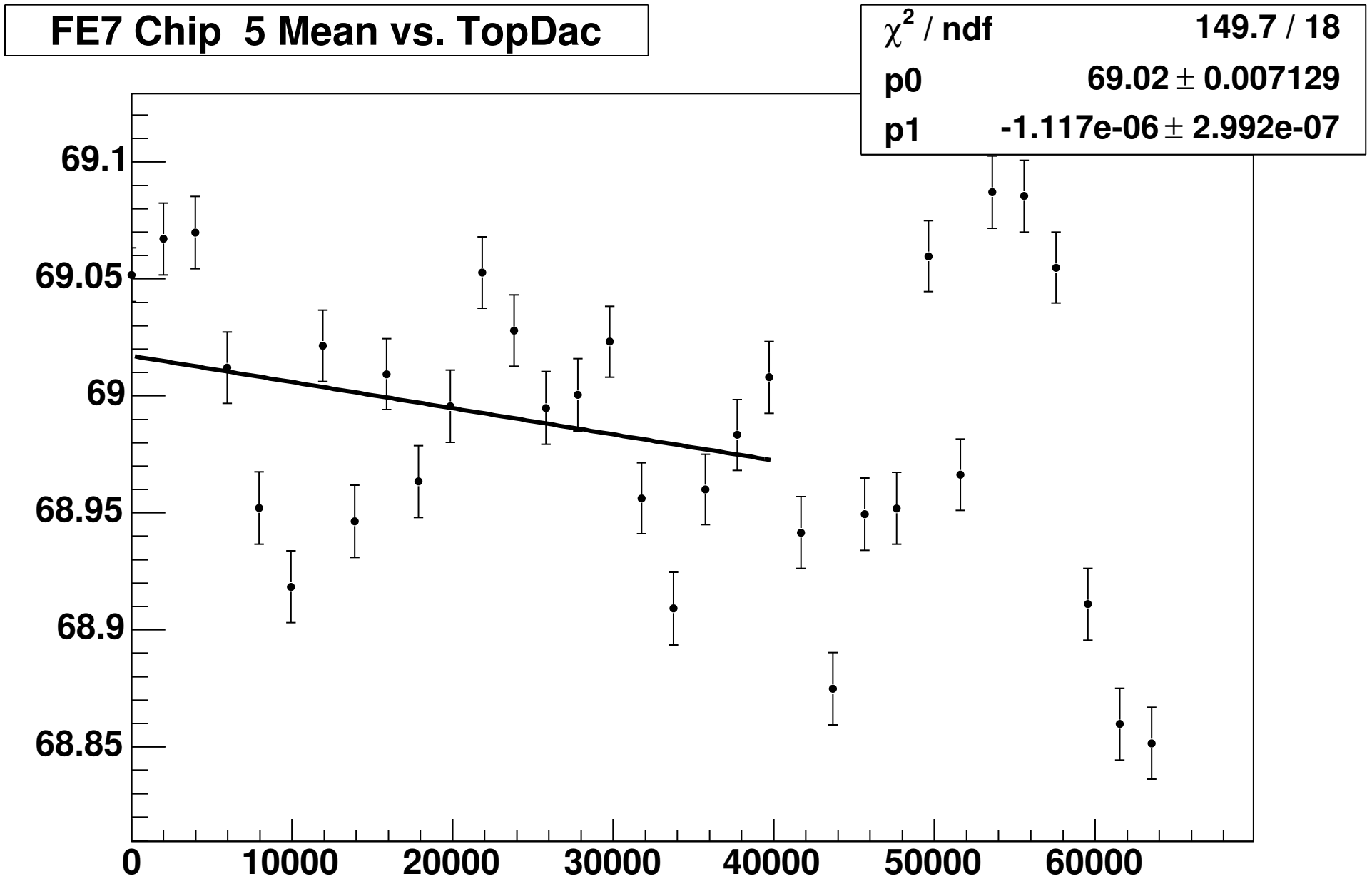
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 5 Rms vs. BotDac
χ² / ndf 393.9 / 18
p0 1.328 ± 0.003865
p1 3.361e-05 ± 2.744e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE7 Chip 5 Mean vs. TopDac
χ² / ndf 149.7 / 18
p0 69.02 ± 0.007129
p1 -1.117e-06 ± 2.992e-07
69.1
69.05
69
68.95
68.9
68.85
0
10000
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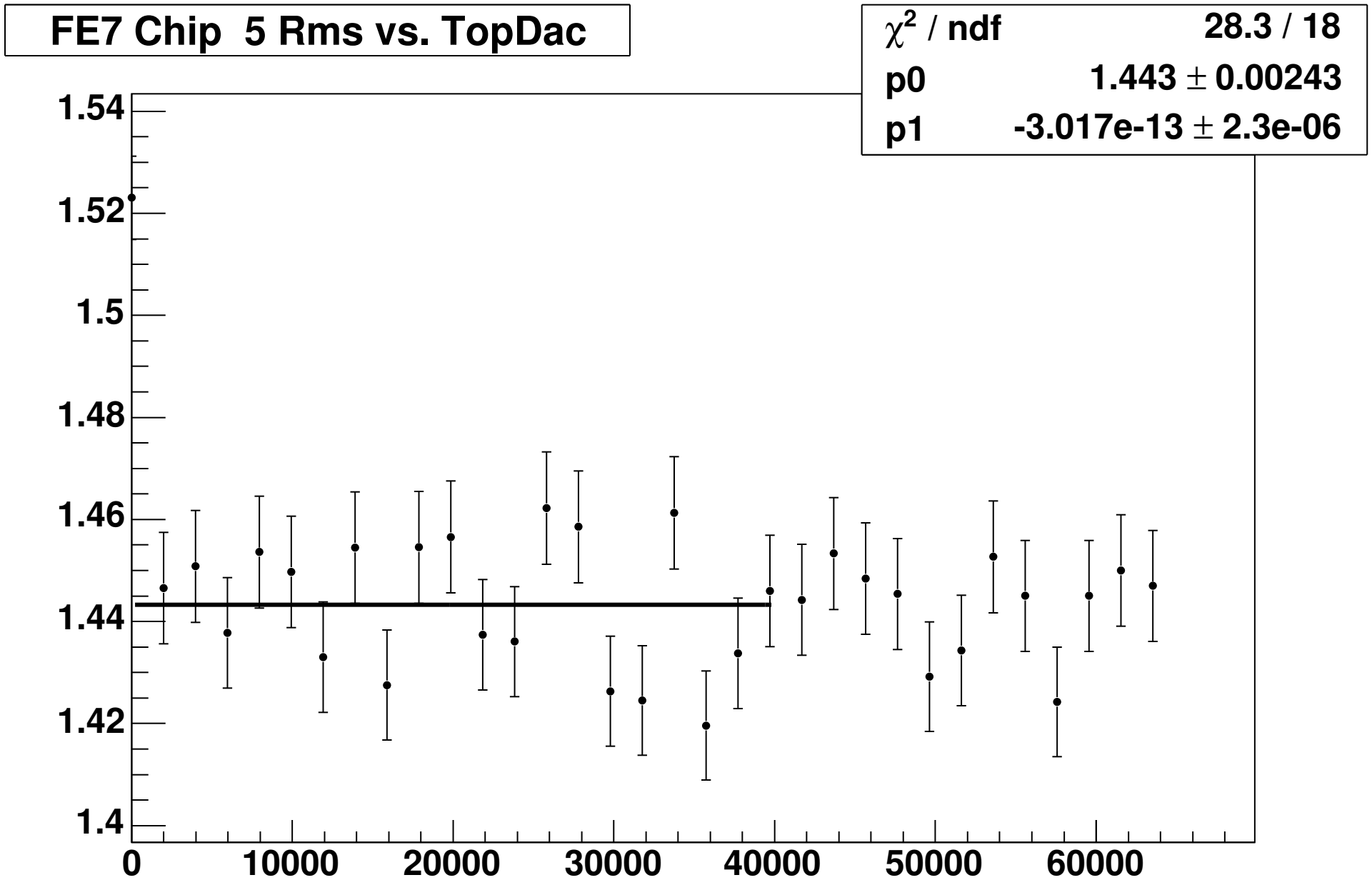
30000
40000
50000
60000


FE7 Chip 5 Rms vs. TopDac
χ² / ndf 28.3 / 18
p0 1.443 ± 0.00243
p1 -3.017e-13 ± 2.3e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
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40000
50000
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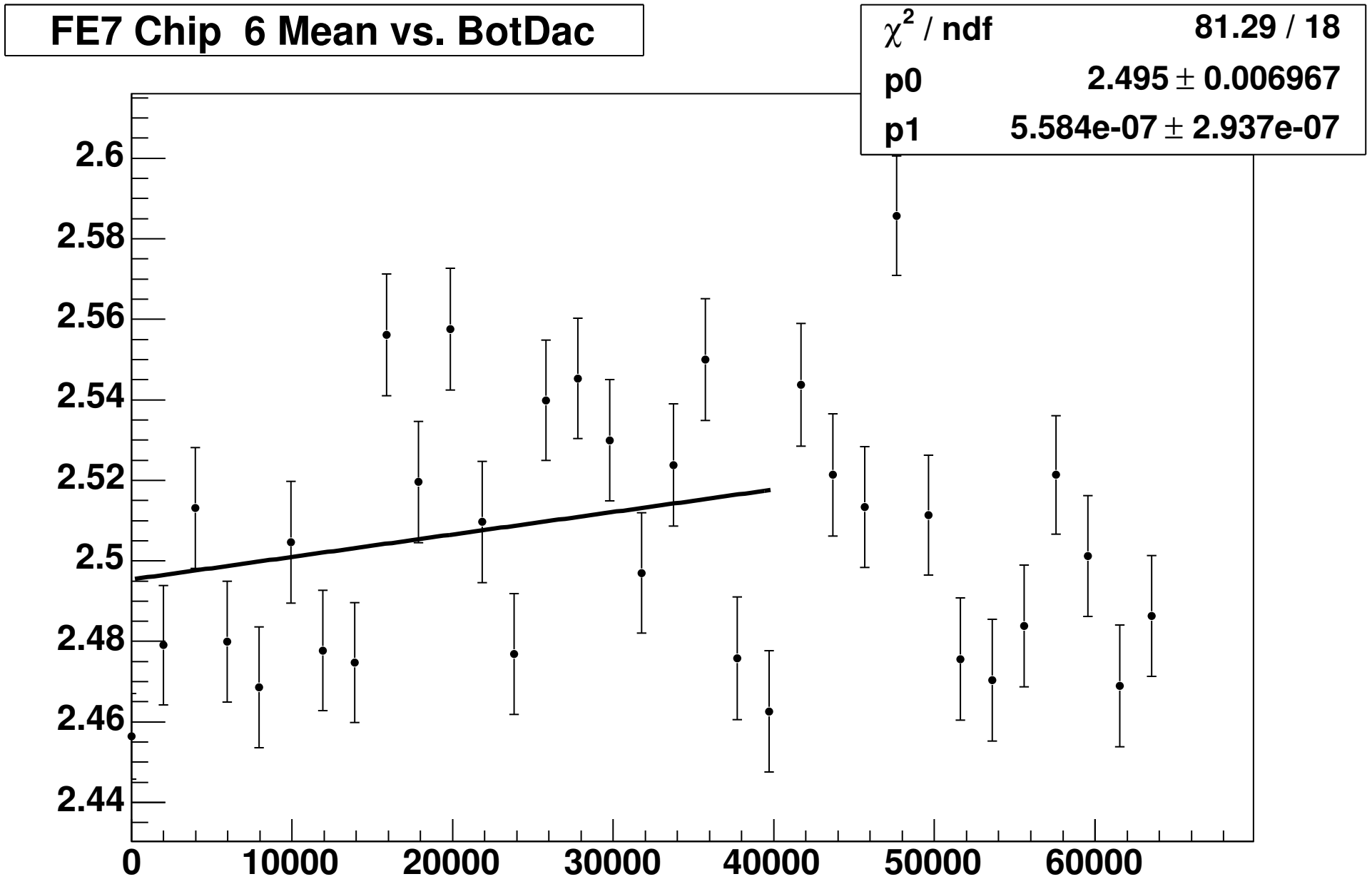
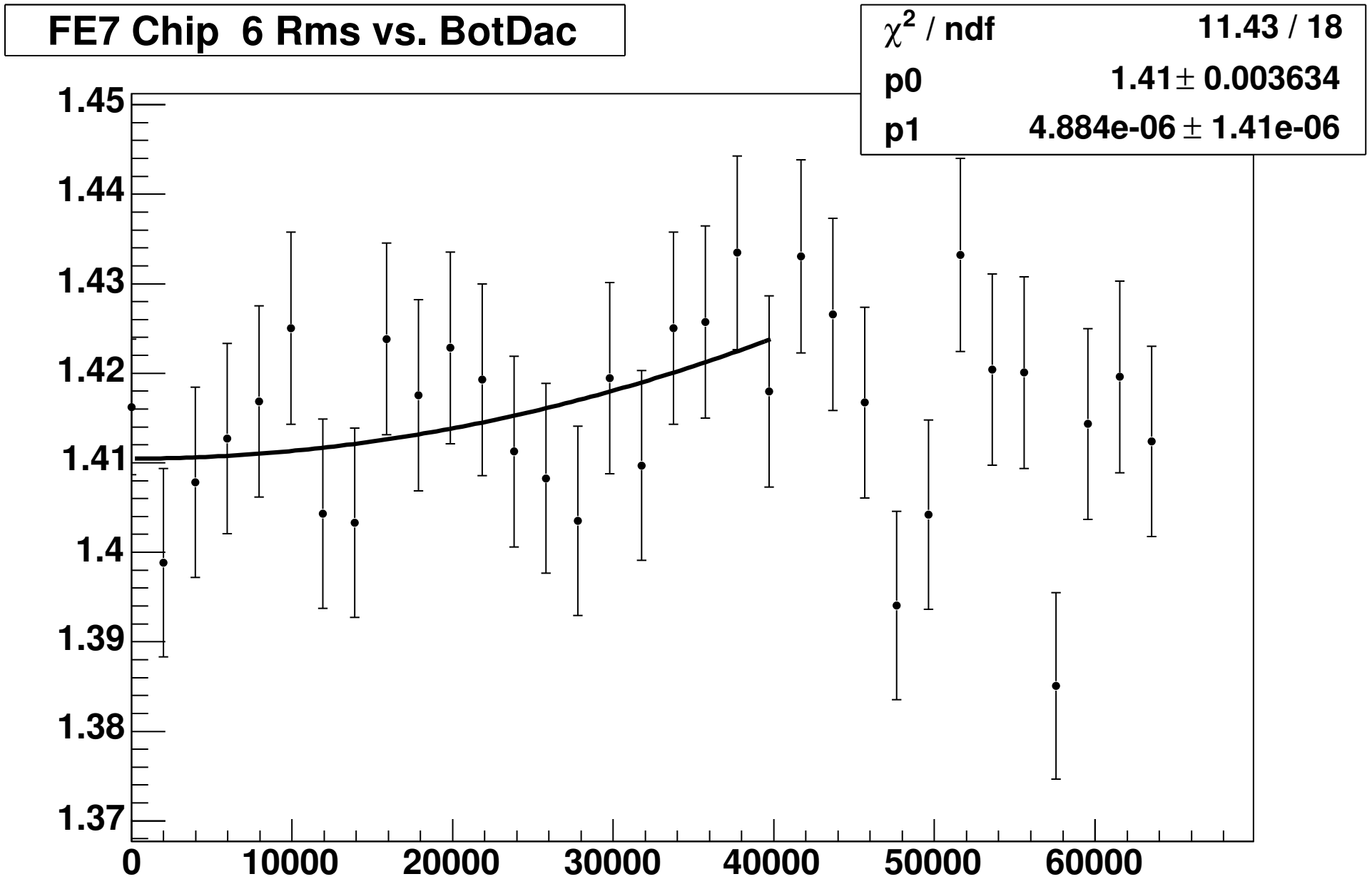
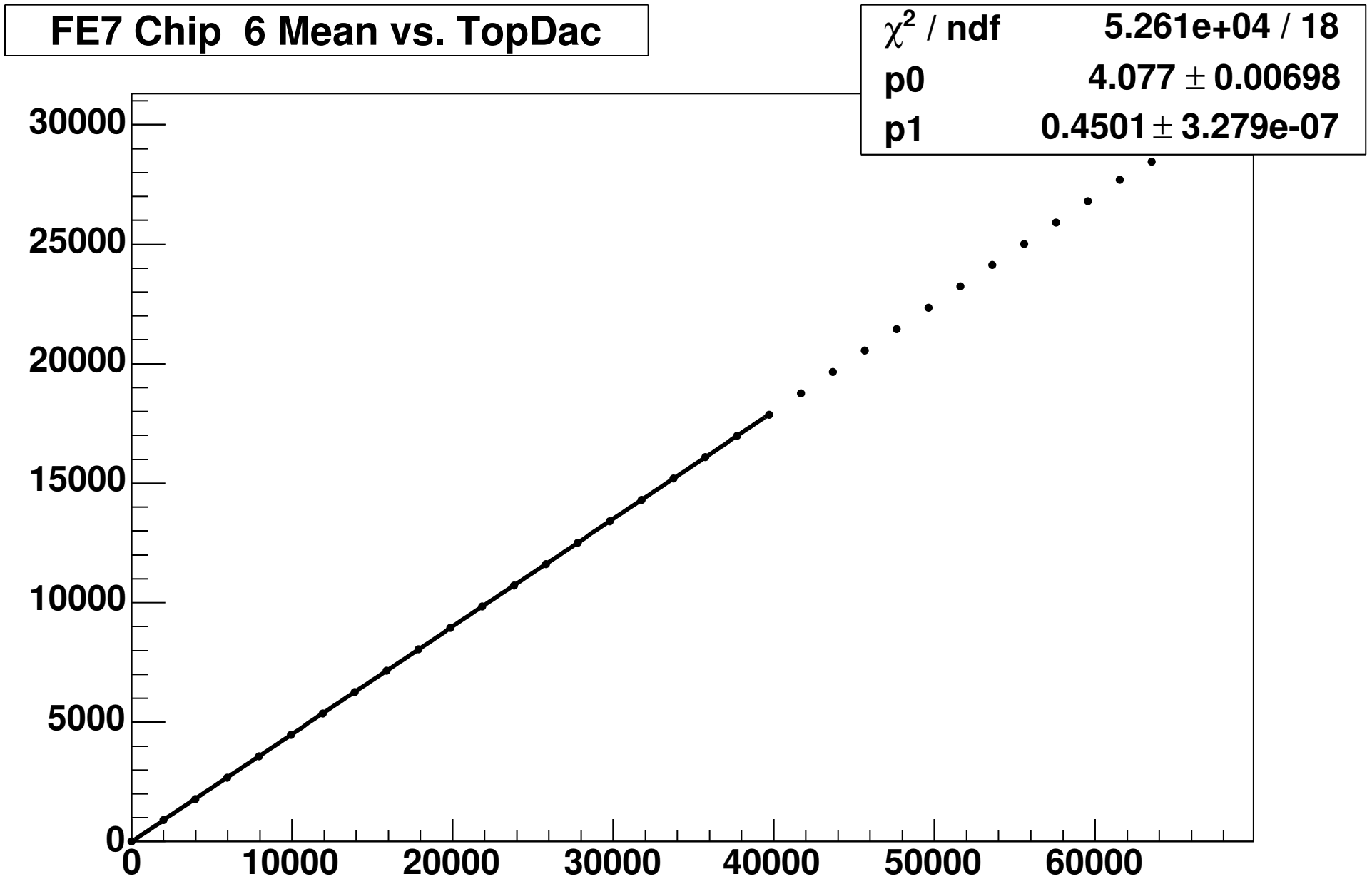

FE7 Chip 6 Mean vs. BotDac
χ² / ndf 81.29 / 18
p0 2.495 ± 0.006967
p1 5.584e-07 ± 2.937e-07
2.6
2.58
2.56
2.54
2.52
2.5
2.48
2.46
2.44
0
10000
20000
30000
40000
50000
60000


FE7 Chip 6 Rms vs. BotDac
χ² / ndf 11.43 / 18
p0 1.41 ± 0.003634
p1 4.884e-06 ± 1.41e-06
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
1.37
0
10000
20000
30000
40000
50000
60000


FE7 Chip 6 Mean vs. TopDac
χ² / ndf 5.261e+04 / 18
p0 4.077 ± 0.00698
p1 0.4501 ± 3.279e-07
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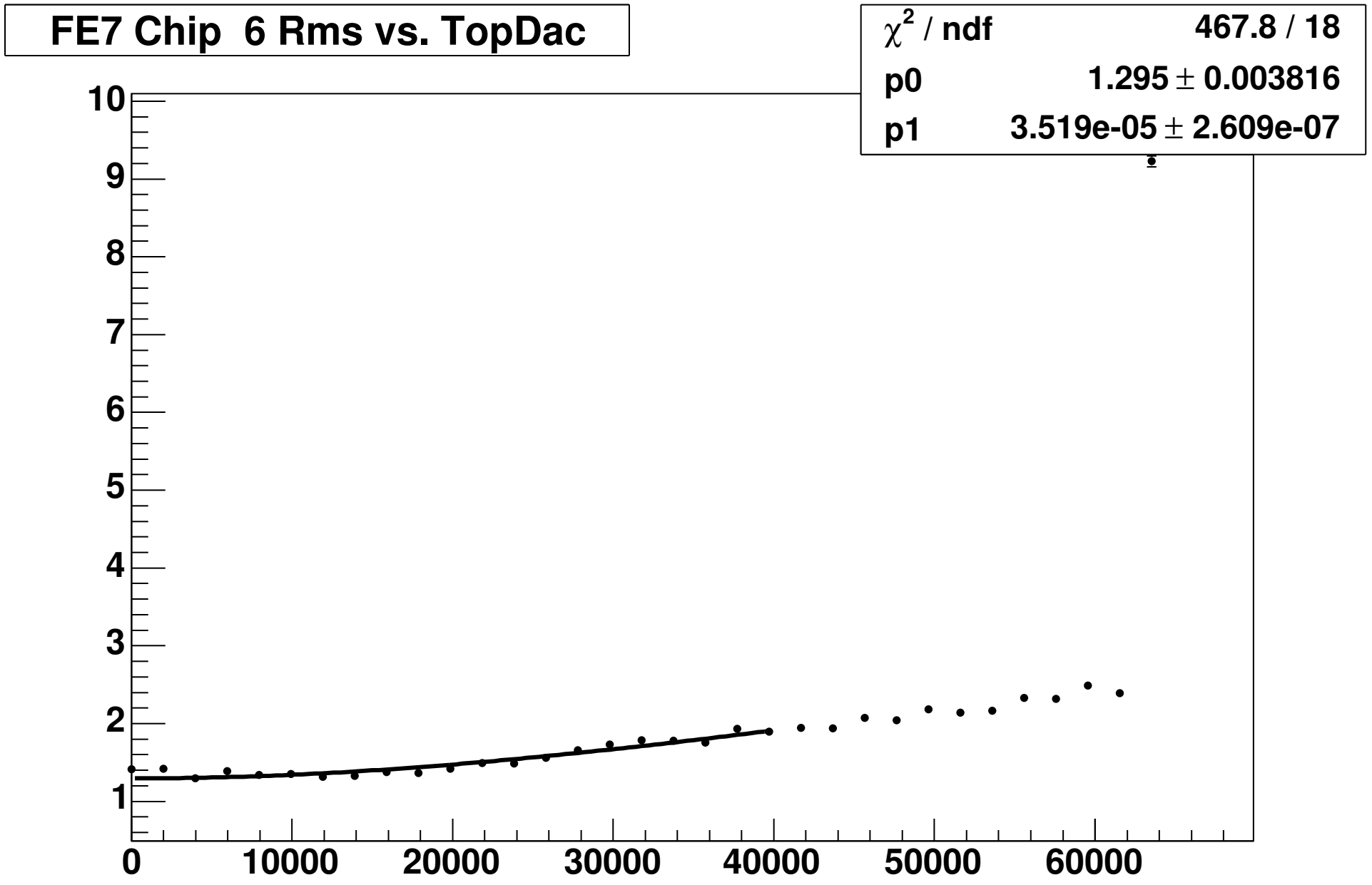
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 6 Rms vs. TopDac
χ² / ndf 467.8 / 18
p0 1.295 ± 0.003816
p1 3.519e-05 ± 2.609e-07
10
9
8
7
6
5
4
3
2
1
0
10000
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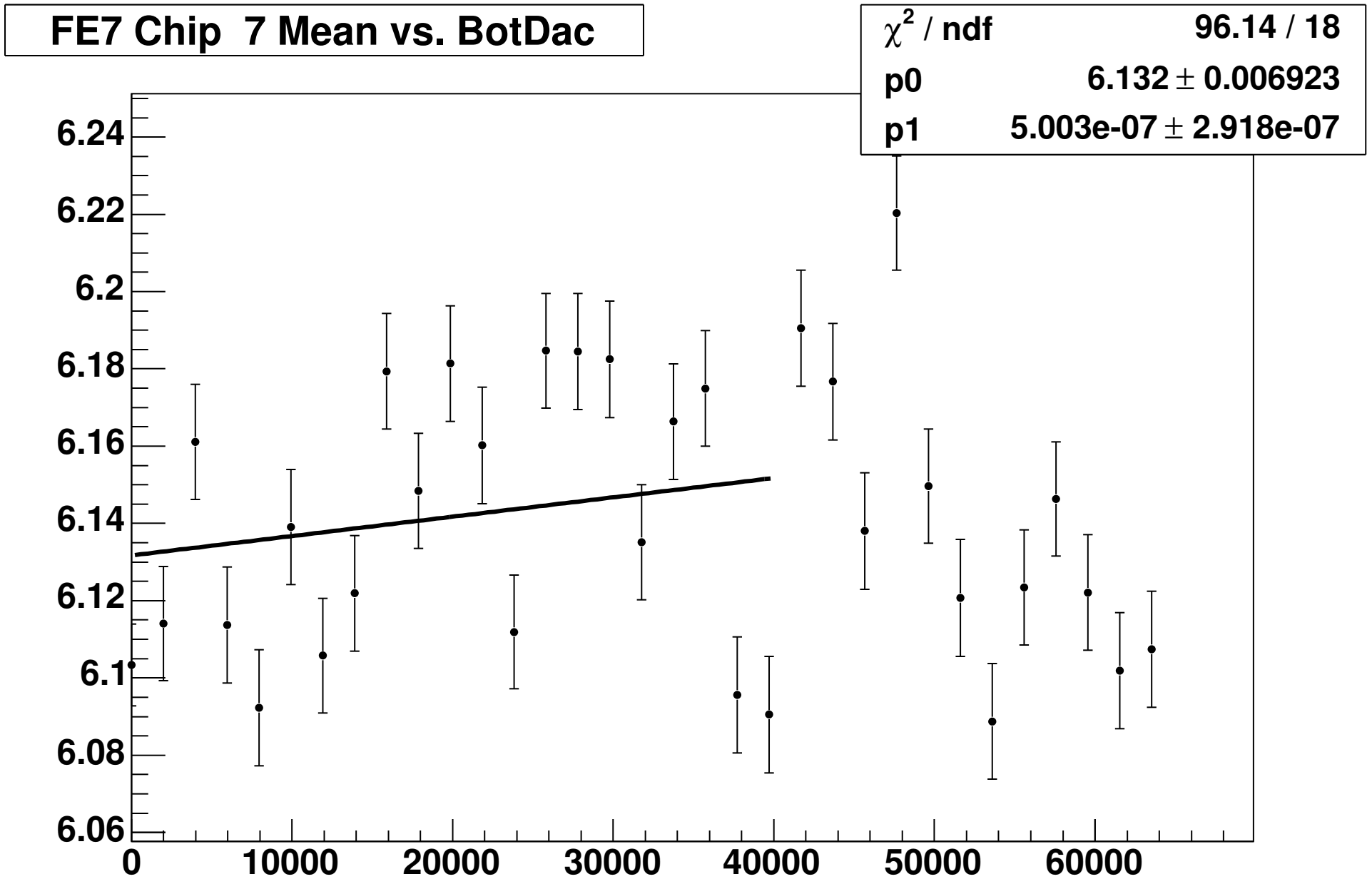
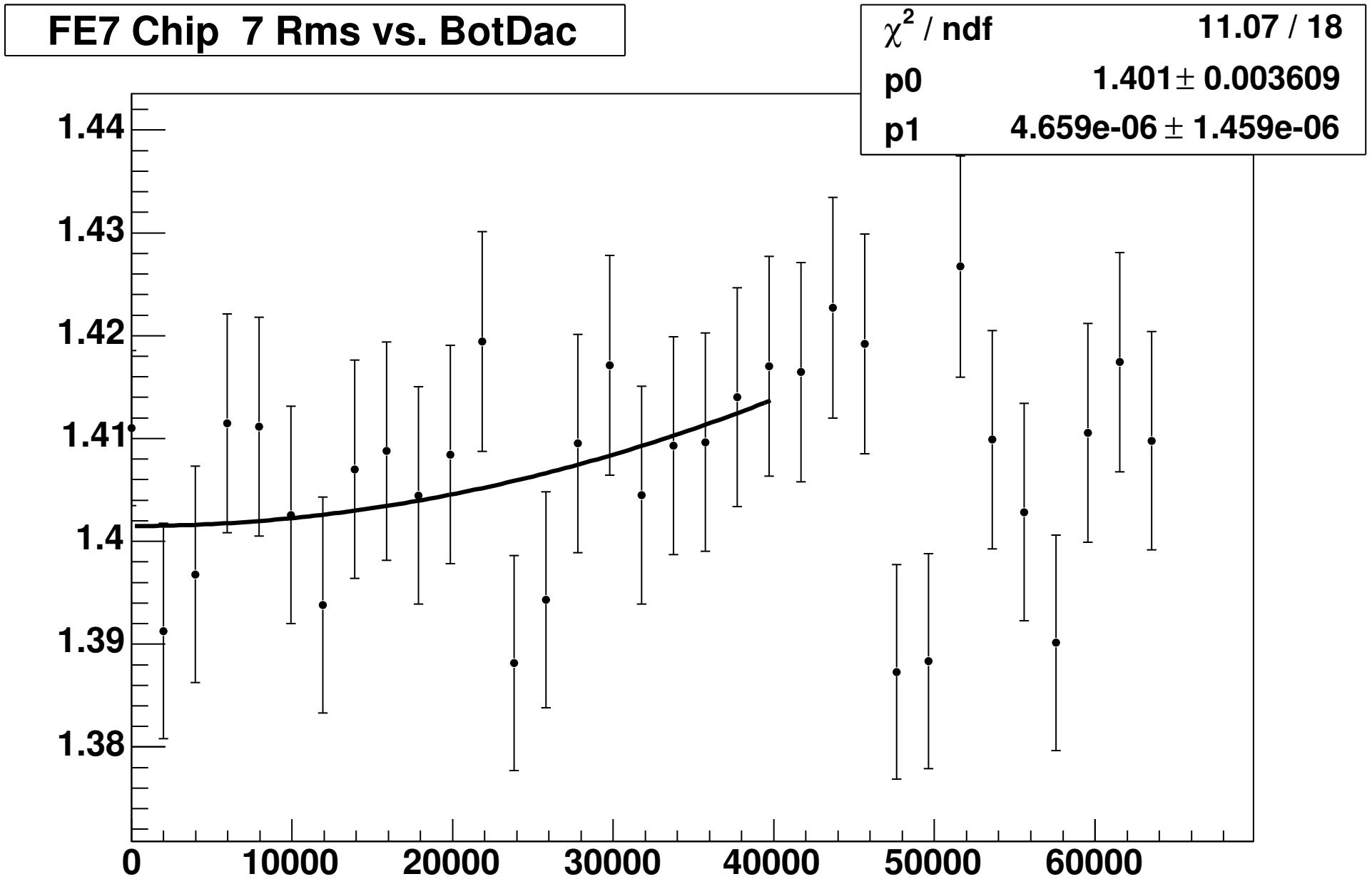
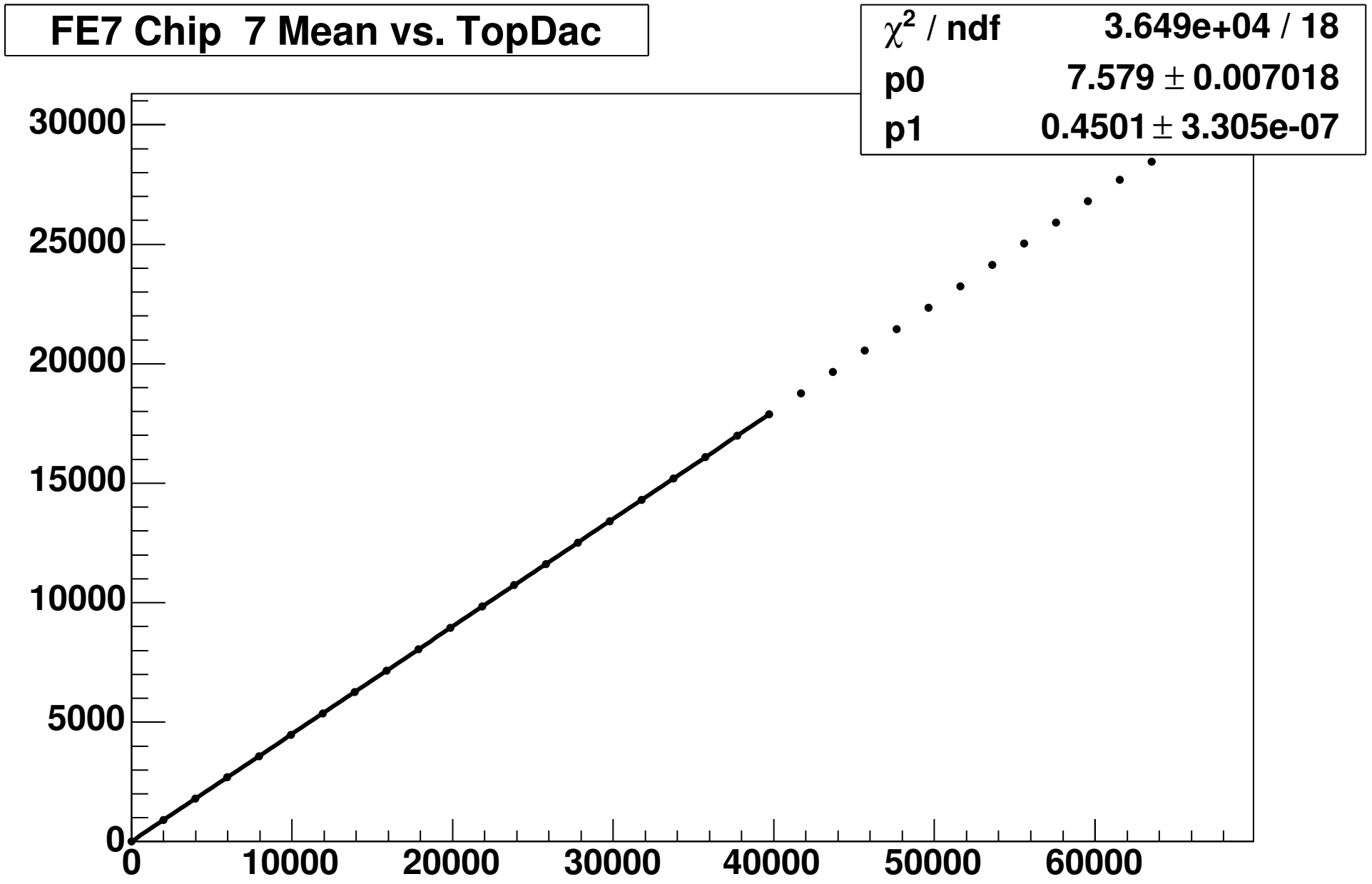
40000
50000
60000


FE7 Chip 7 Mean vs. BotDac
χ² / ndf 96.14 / 18
p0 6.132 ± 0.006923
p1 5.003e-07 ± 2.918e-07
6.24
6.22
6.2
6.18
6.16
6.14
6.12
6.1
6.08
6.06
0
10000
20000
30000
40000
50000
60000


FE7 Chip 7 Rms vs. BotDac
χ² / ndf 11.07 / 18
p0 1.401 ± 0.003609
p1 4.659e-06 ± 1.459e-06
1.44
1.43
1.42
1.41
1.4
1.39
1.38
0
10000
20000
30000
40000
50000
60000


FE7 Chip 7 Mean vs. TopDac
χ² / ndf 3.649e+04 / 18
p0 7.579 ± 0.007018
p1 0.4501 ± 3.305e-07
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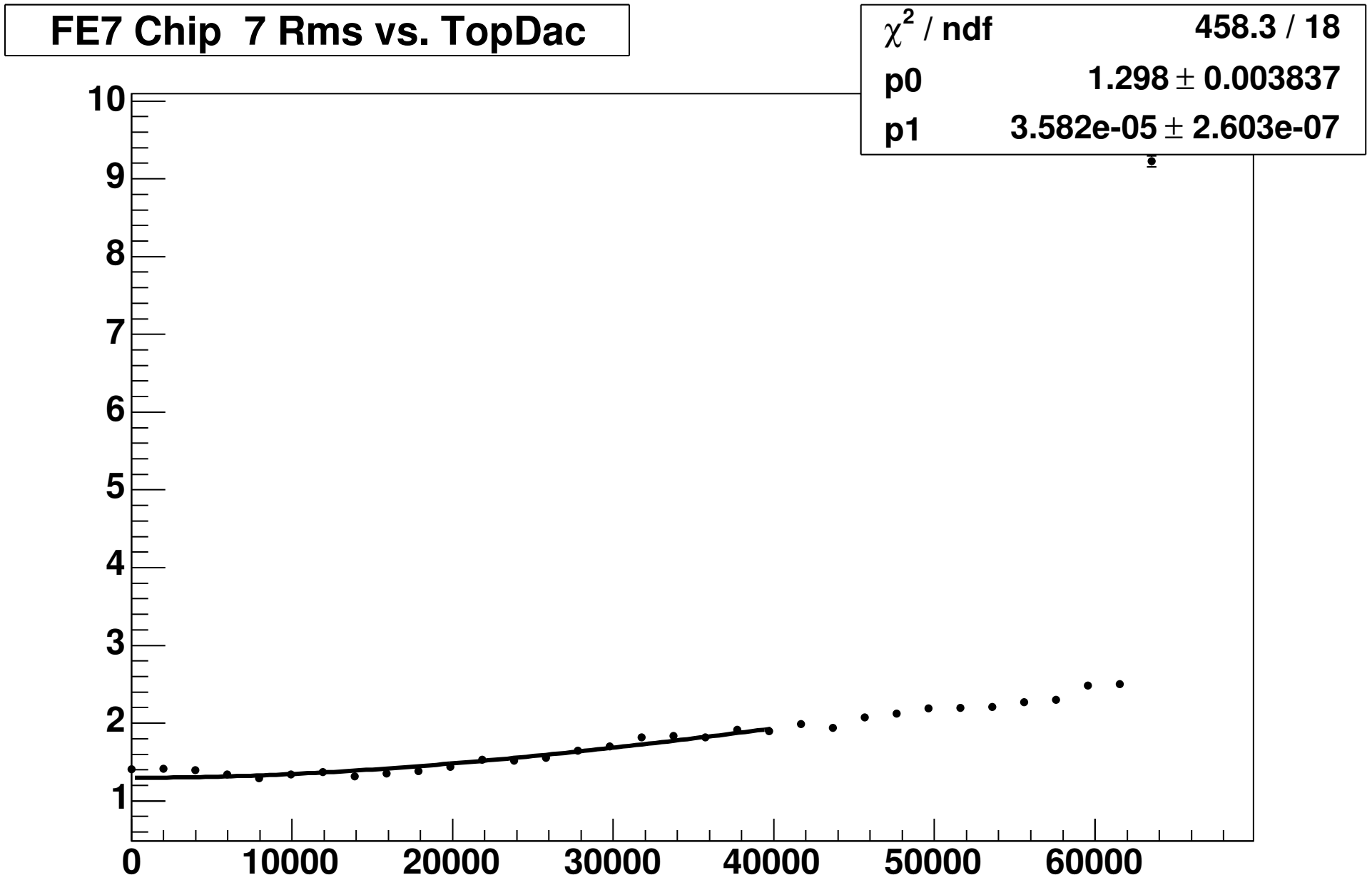
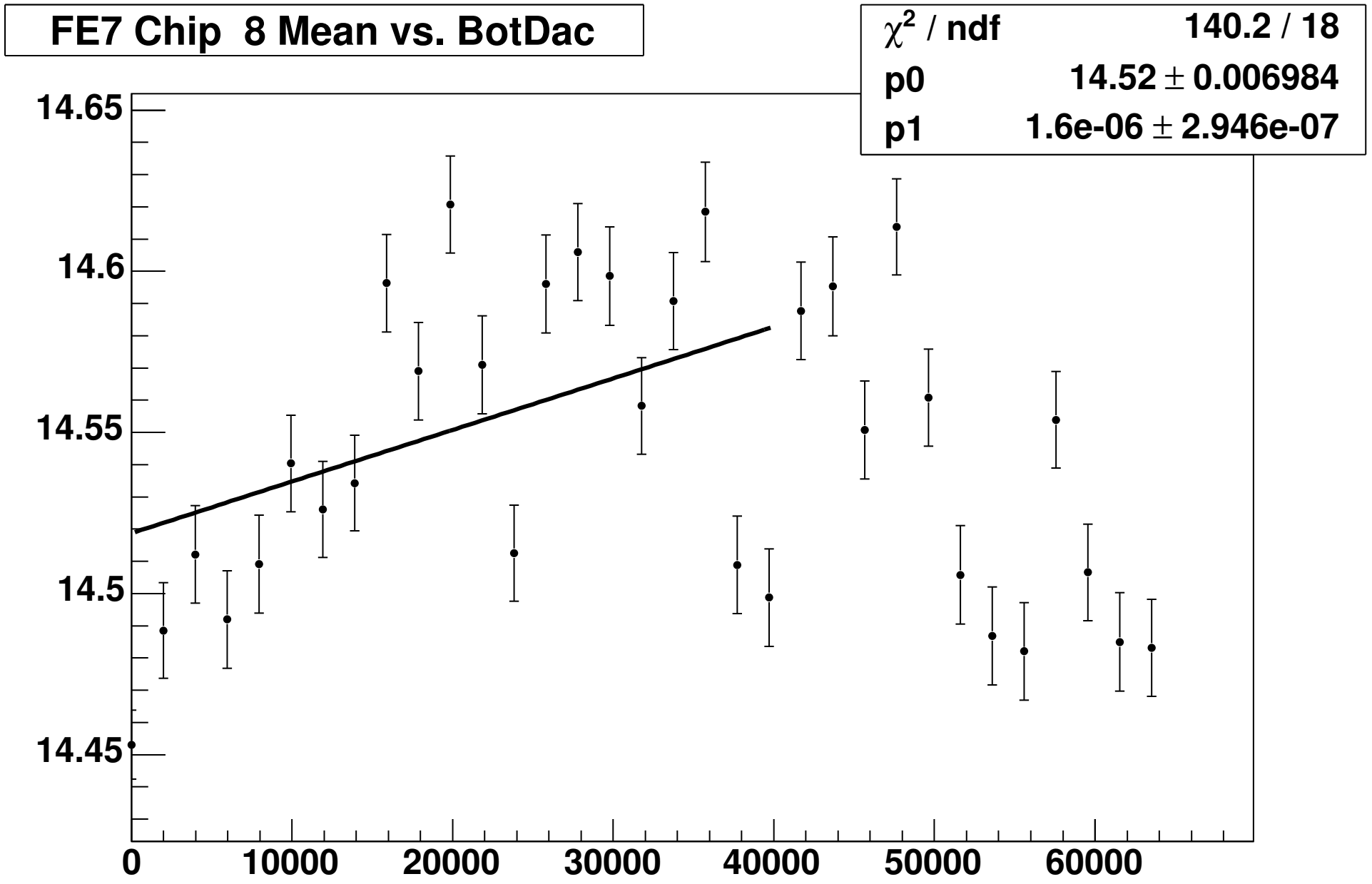
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 7 Rms vs. TopDac
χ² / ndf 458.3 / 18
p0 1.298 ± 0.003837
p1 3.582e-05 ± 2.603e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE7 Chip 8 Mean vs. BotDac
χ^2 / ndf 140.2 / 18
p0 14.52 ± 0.006984
p1 1.6e-06 ± 2.946e-07
14.65
14.6
14.55
14.5
14.45
0
10000
20000
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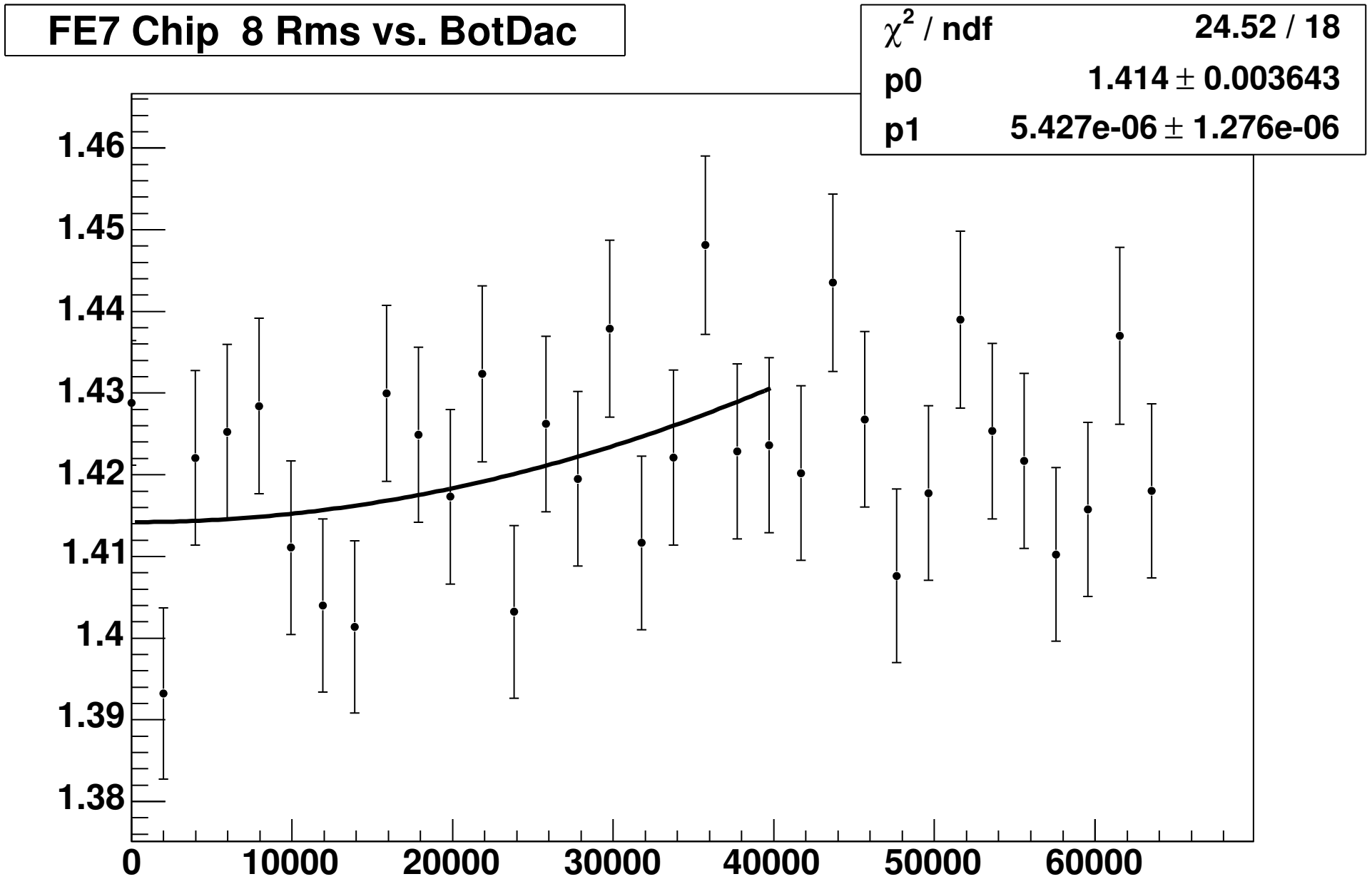
40000
50000
60000


FE7 Chip 8 Rms vs. BotDac
χ² / ndf 24.52 / 18
p0 1.414 ± 0.003643
p1 5.427e-06 ± 1.276e-06
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
0
10000
20000
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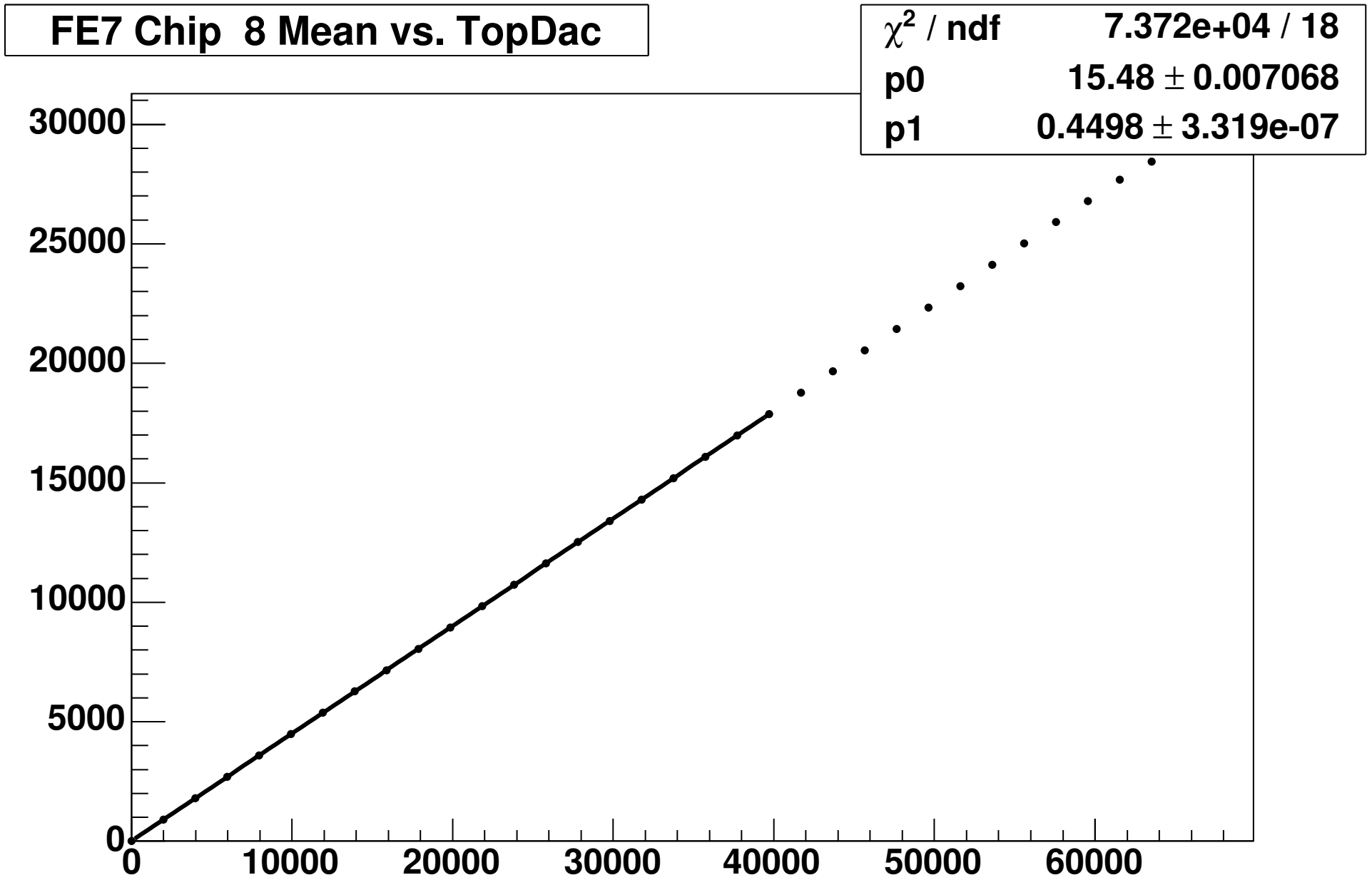
50000
60000


FE7 Chip 8 Mean vs. TopDac
χ² / ndf 7.372e+04 / 18
p0 15.48 ± 0.007068
p1 0.4498 ± 3.319e-07
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25000
20000
15000
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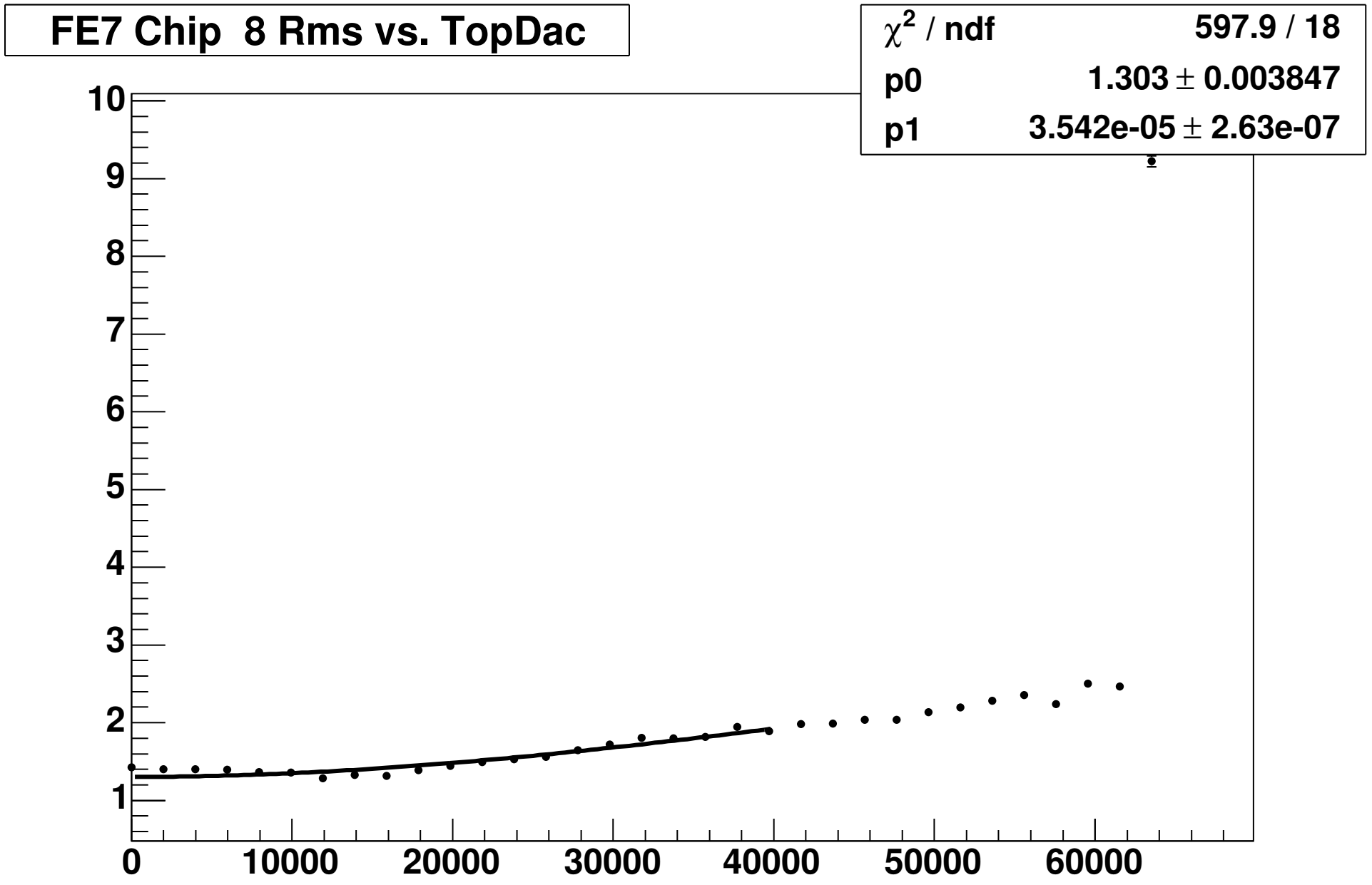
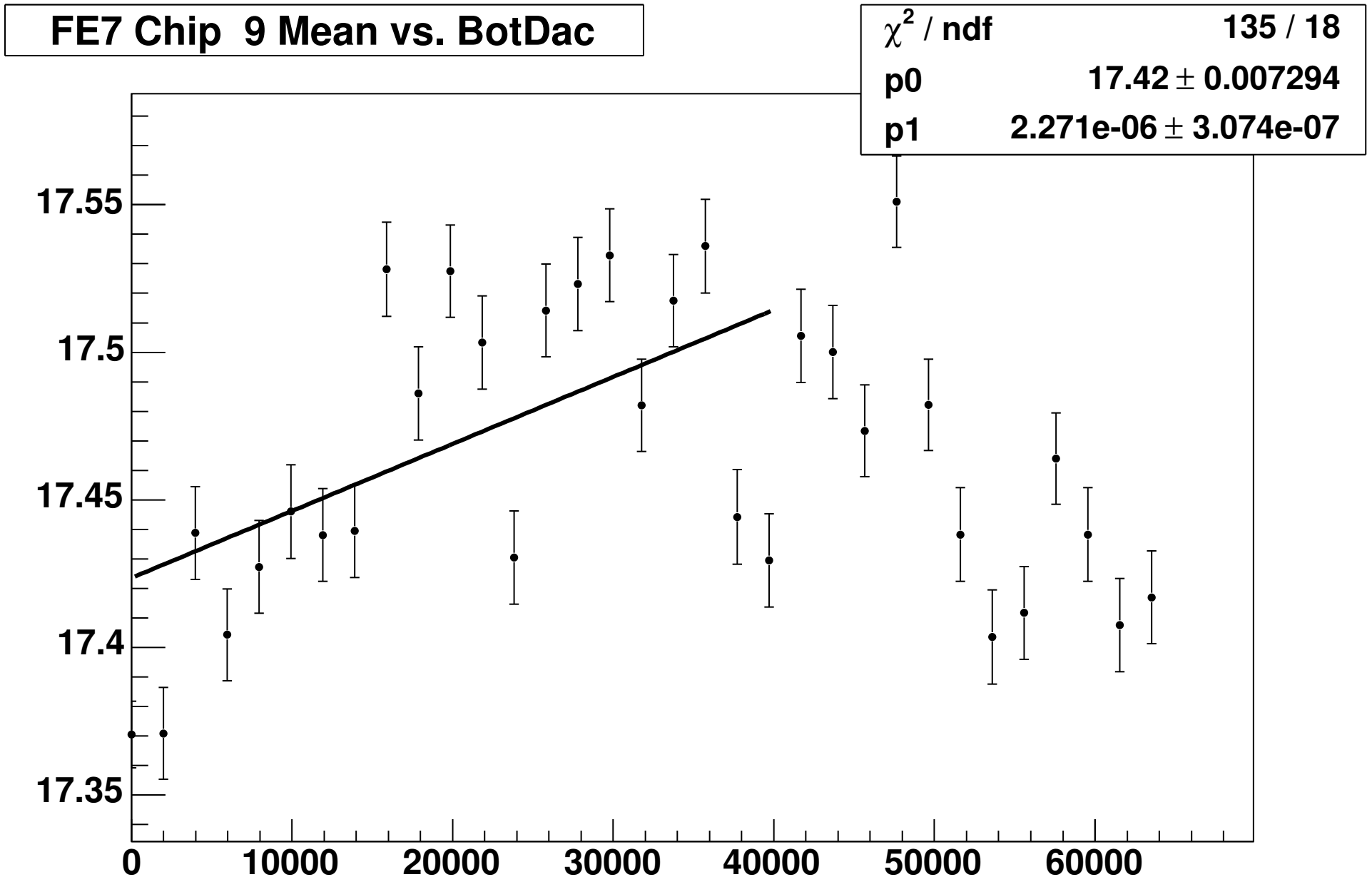
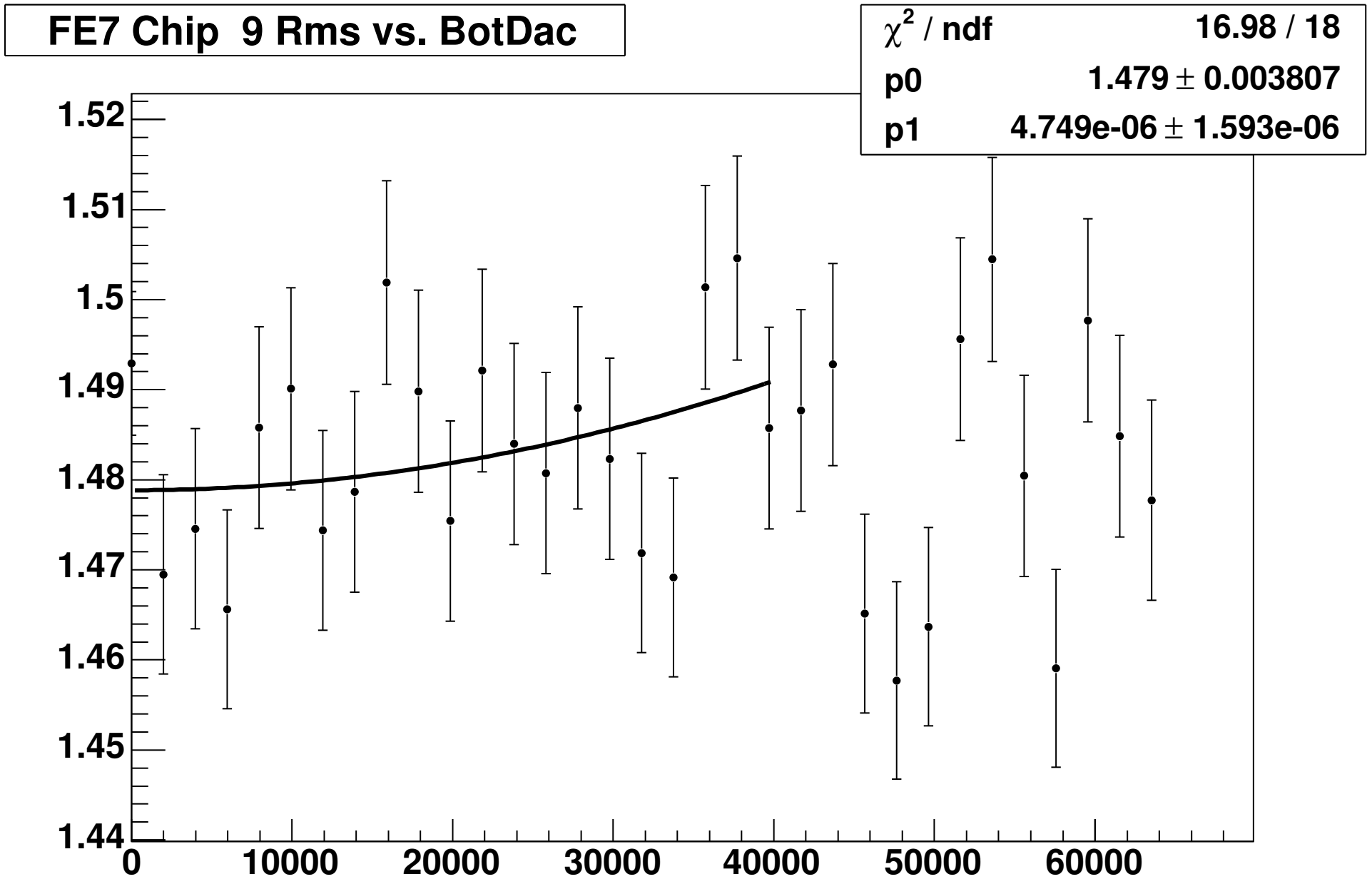
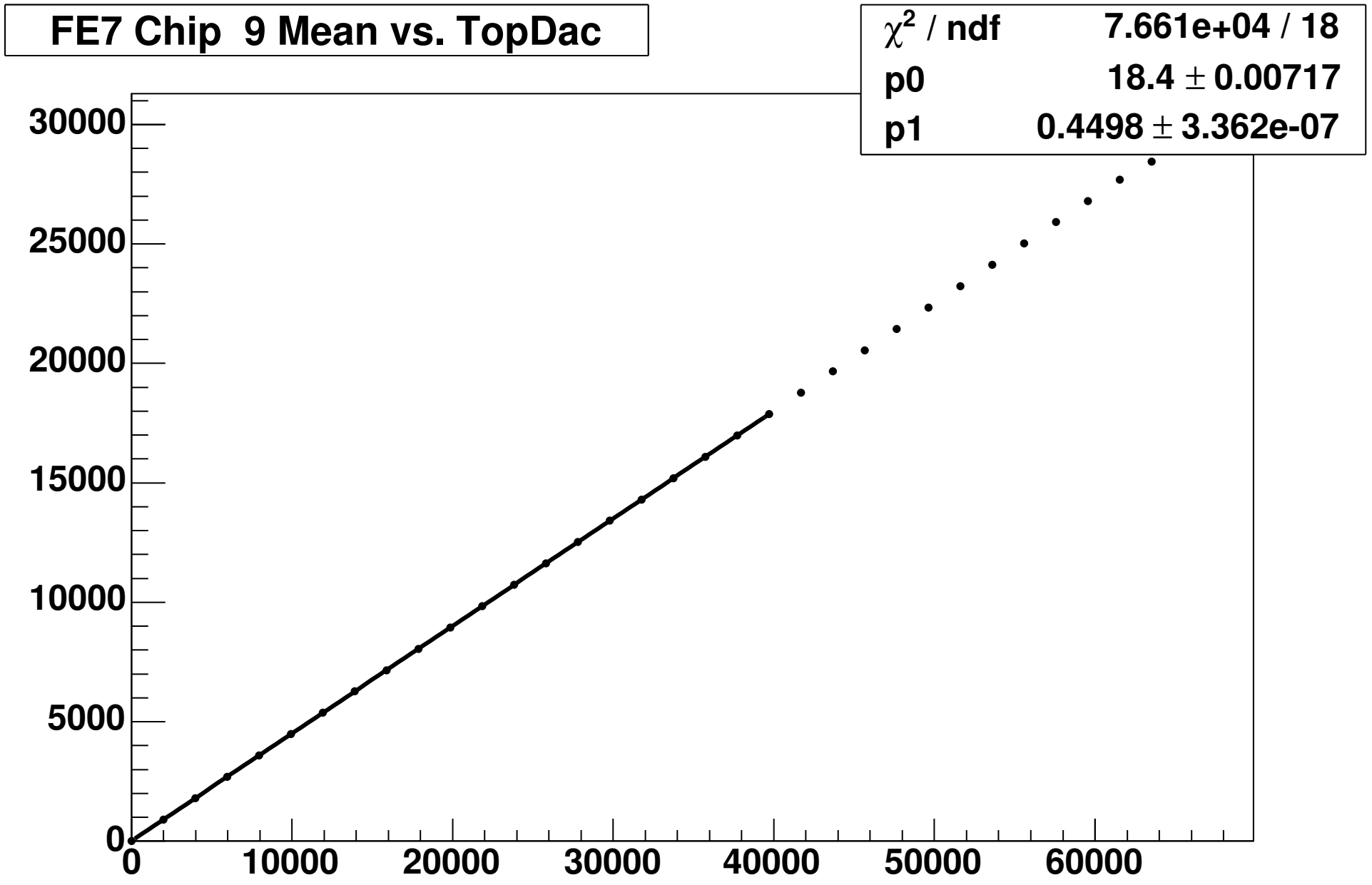
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 8 Rms vs. TopDac
χ² / ndf 597.9 / 18
p0 1.303 ± 0.003847
p1 3.542e-05 ± 2.63e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE7 Chip 9 Mean vs. BotDac
χ² / ndf 135 / 18
p0 17.42 ± 0.007294
p1 2.271e-06 ± 3.074e-07
17.55
17.5
17.45
17.4
17.35
0
10000
20000
30000
40000
50000
60000


FE7 Chip 9 Rms vs. BotDac
χ² / ndf 16.98 / 18
p0 1.479 ± 0.003807
p1 4.749e-06 ± 1.593e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
20000
30000
40000
50000
60000


FE7 Chip 9 Mean vs. TopDac
χ² / ndf 7.661e+04 / 18
p0 18.4 ± 0.00717
p1 0.4498 ± 3.362e-07
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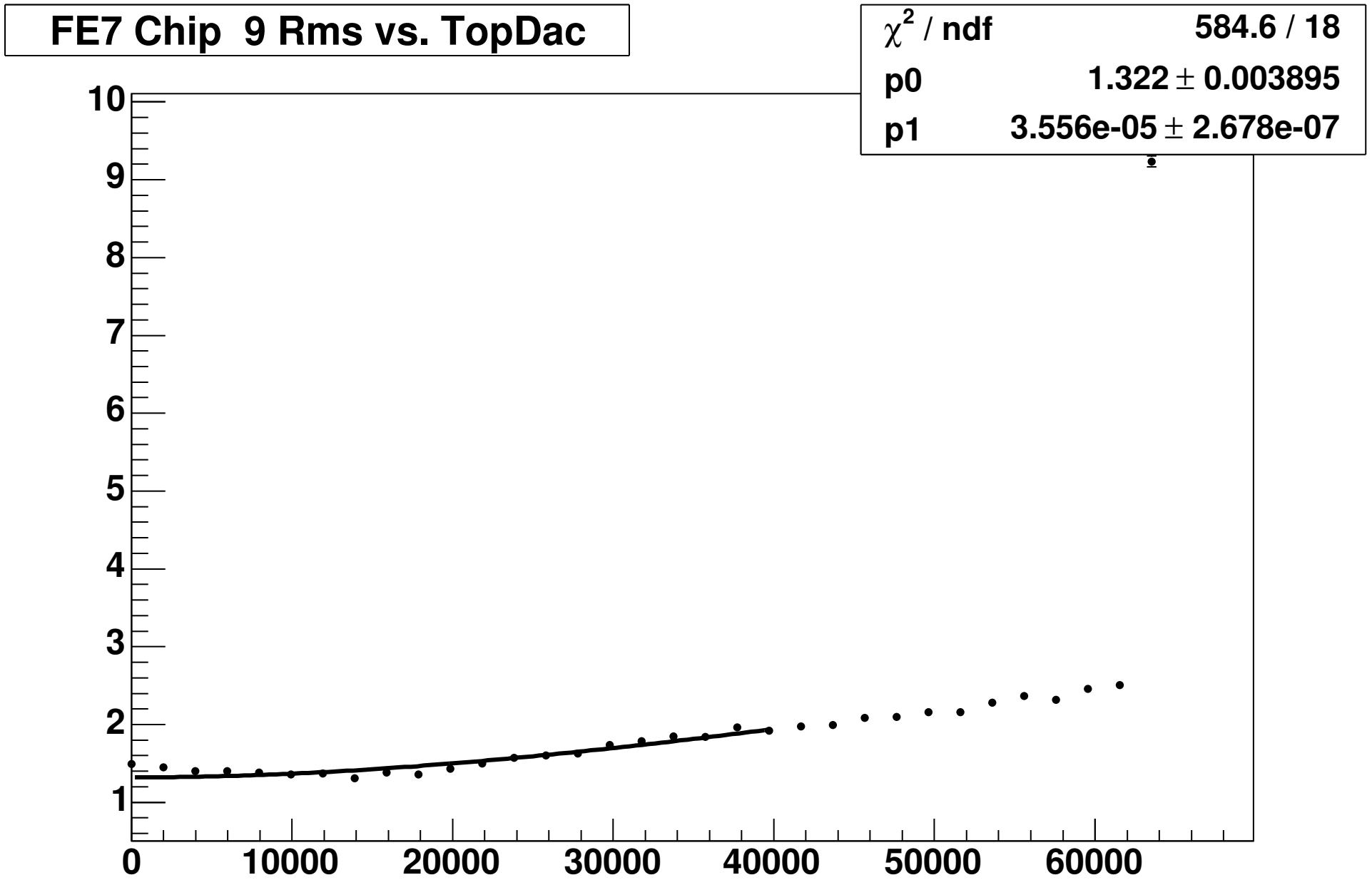
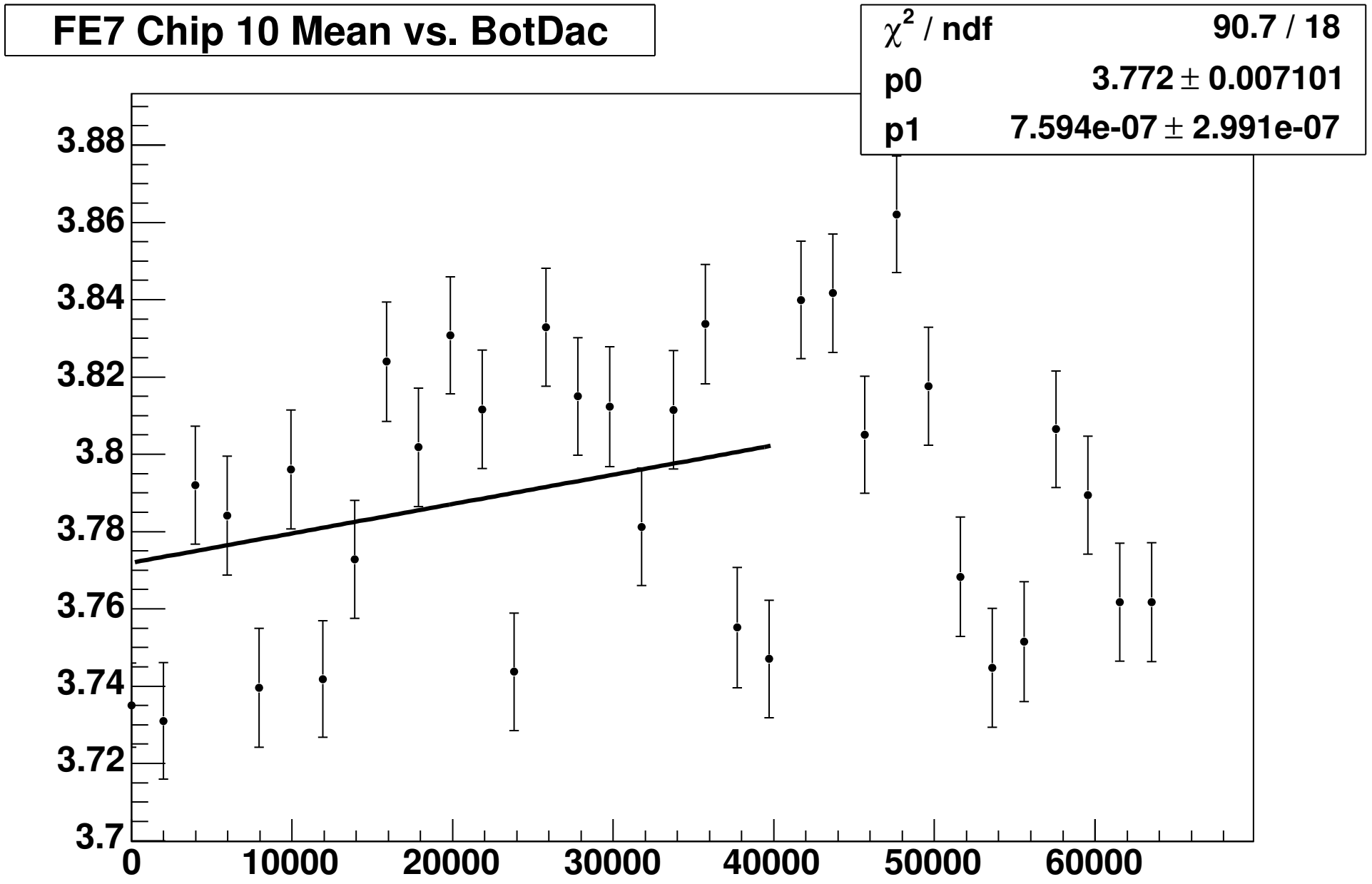
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 9 Rms vs. TopDac
χ² / ndf 584.6 / 18
p0 1.322 ± 0.003895
p1 3.556e-05 ± 2.678e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000


FE7 Chip 10 Mean vs. BotDac
χ² / ndf 90.7 / 18
p0 3.772 ± 0.007101
p1 7.594e-07 ± 2.991e-07
3.88
3.86
3.84
3.82
3.8
3.78
3.76
3.74
3.72
3.7
0
10000
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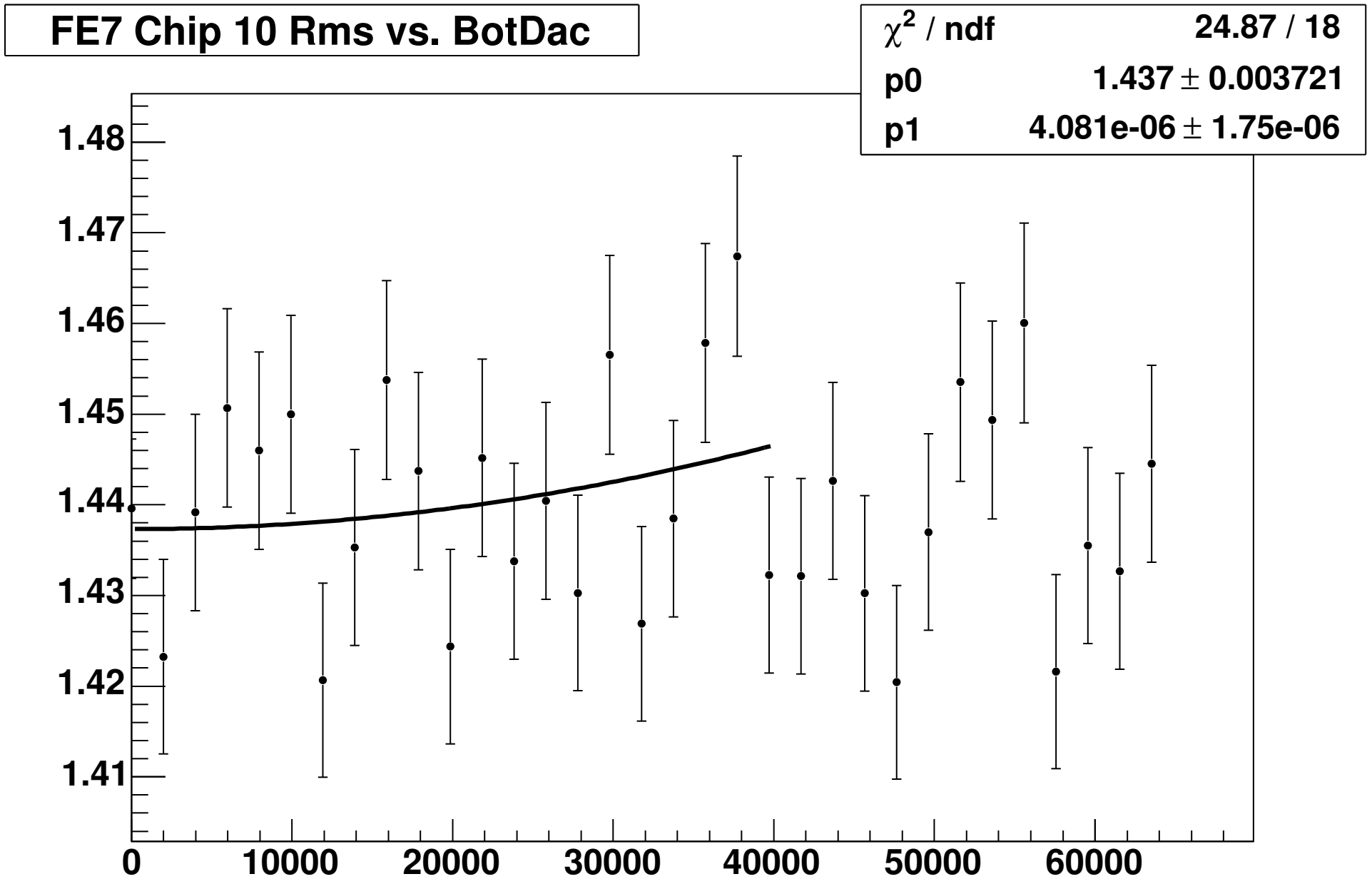
30000
40000
50000
60000


FE7 Chip 10 Rms vs. BotDac
χ² / ndf 24.87 / 18
p0 1.437 ± 0.003721
p1 4.081e-06 ± 1.75e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
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30000
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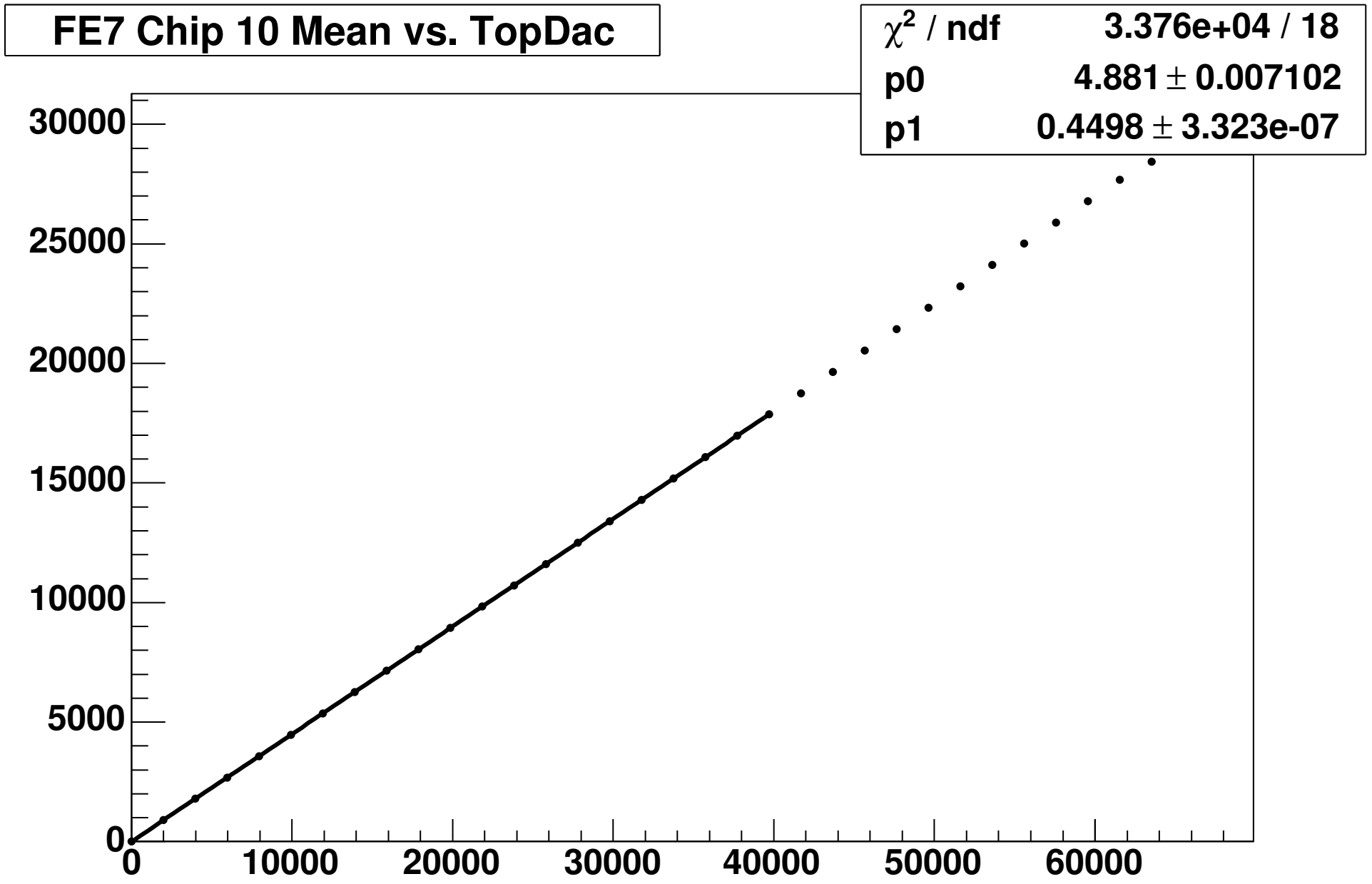
60000


FE7 Chip 10 Mean vs. TopDac
χ² / ndf 3.376e+04 / 18
p0 4.881 ± 0.007102
p1 0.4498 ± 3.323e-07
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25000
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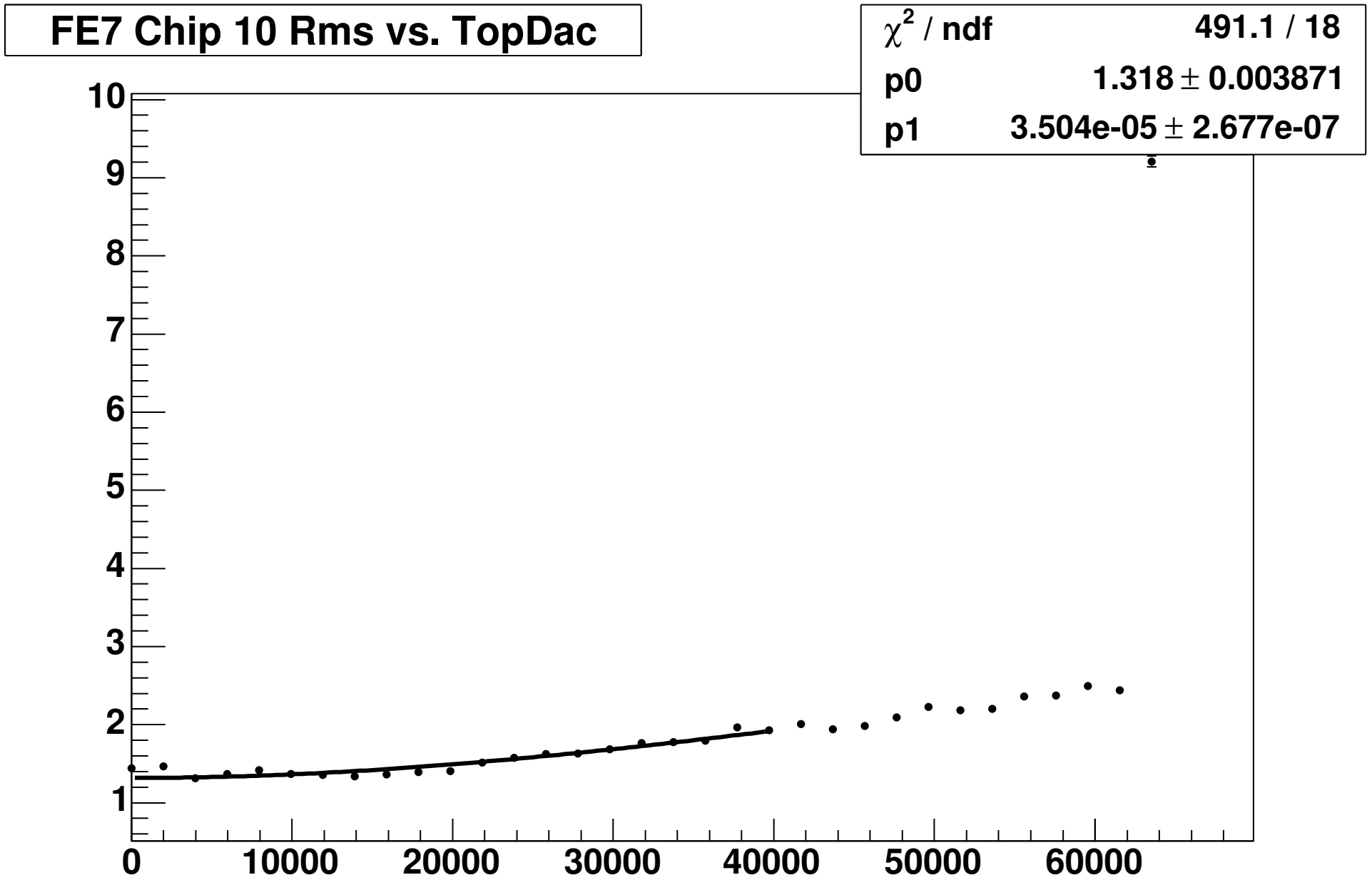
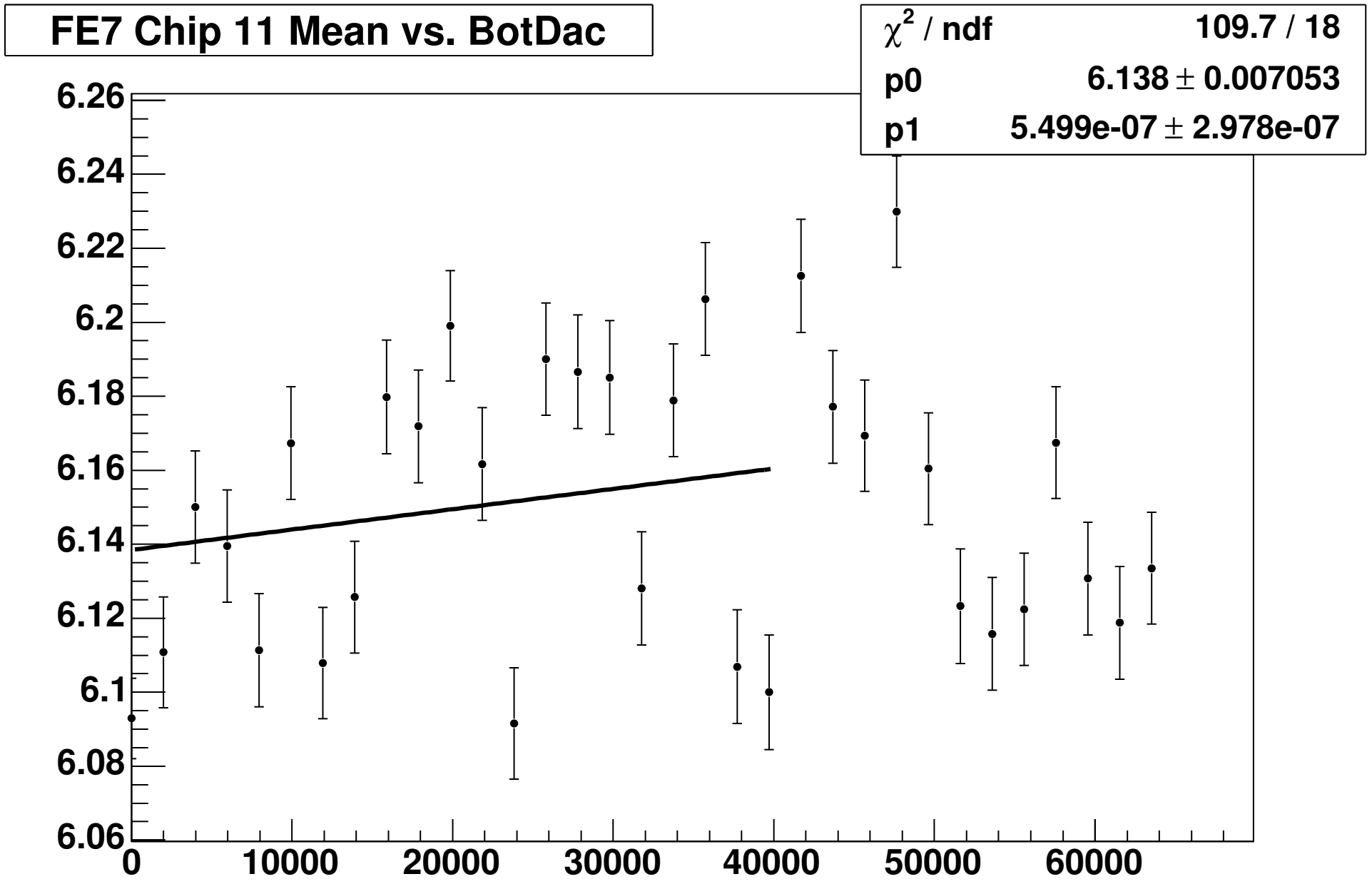
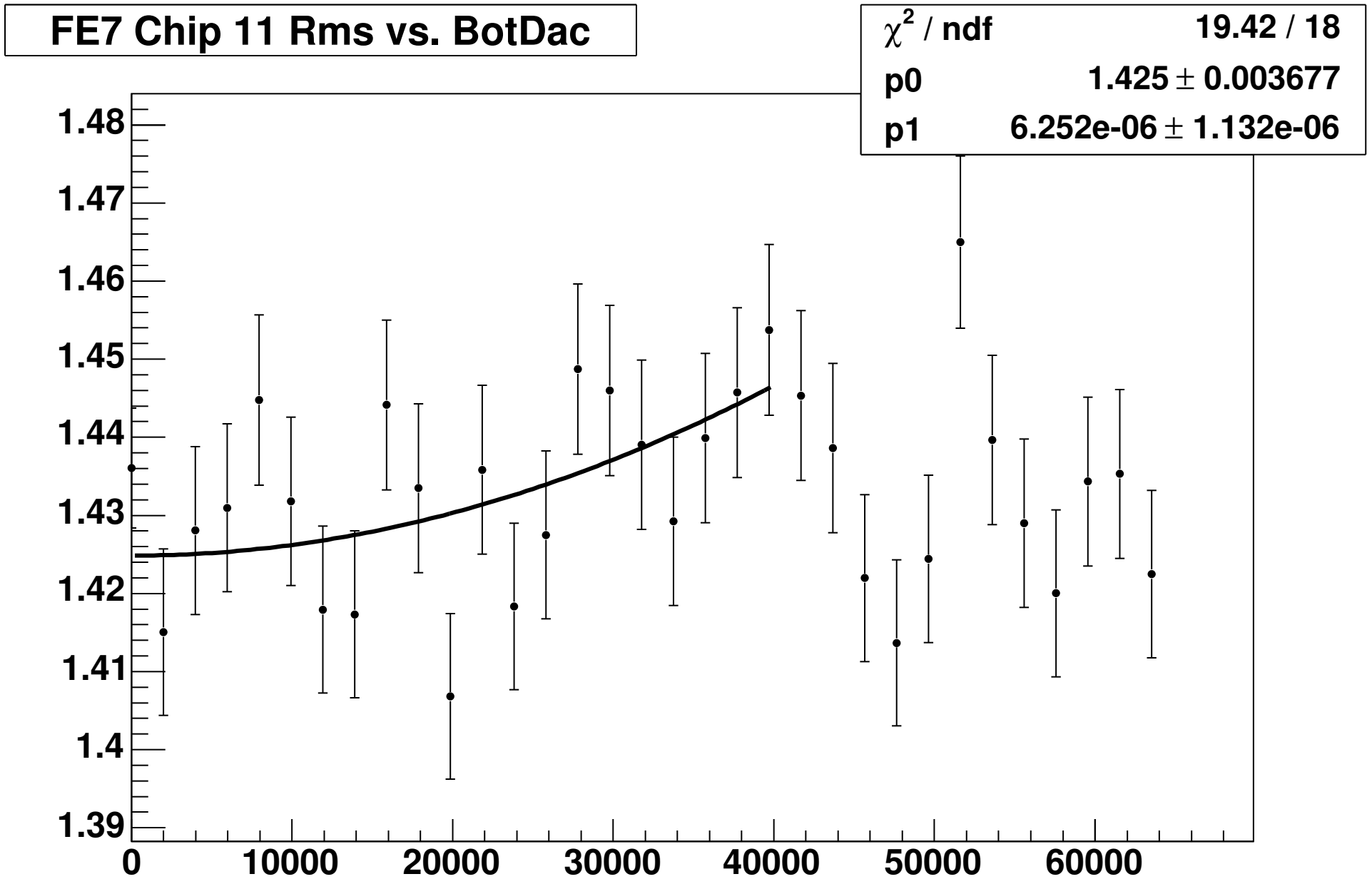
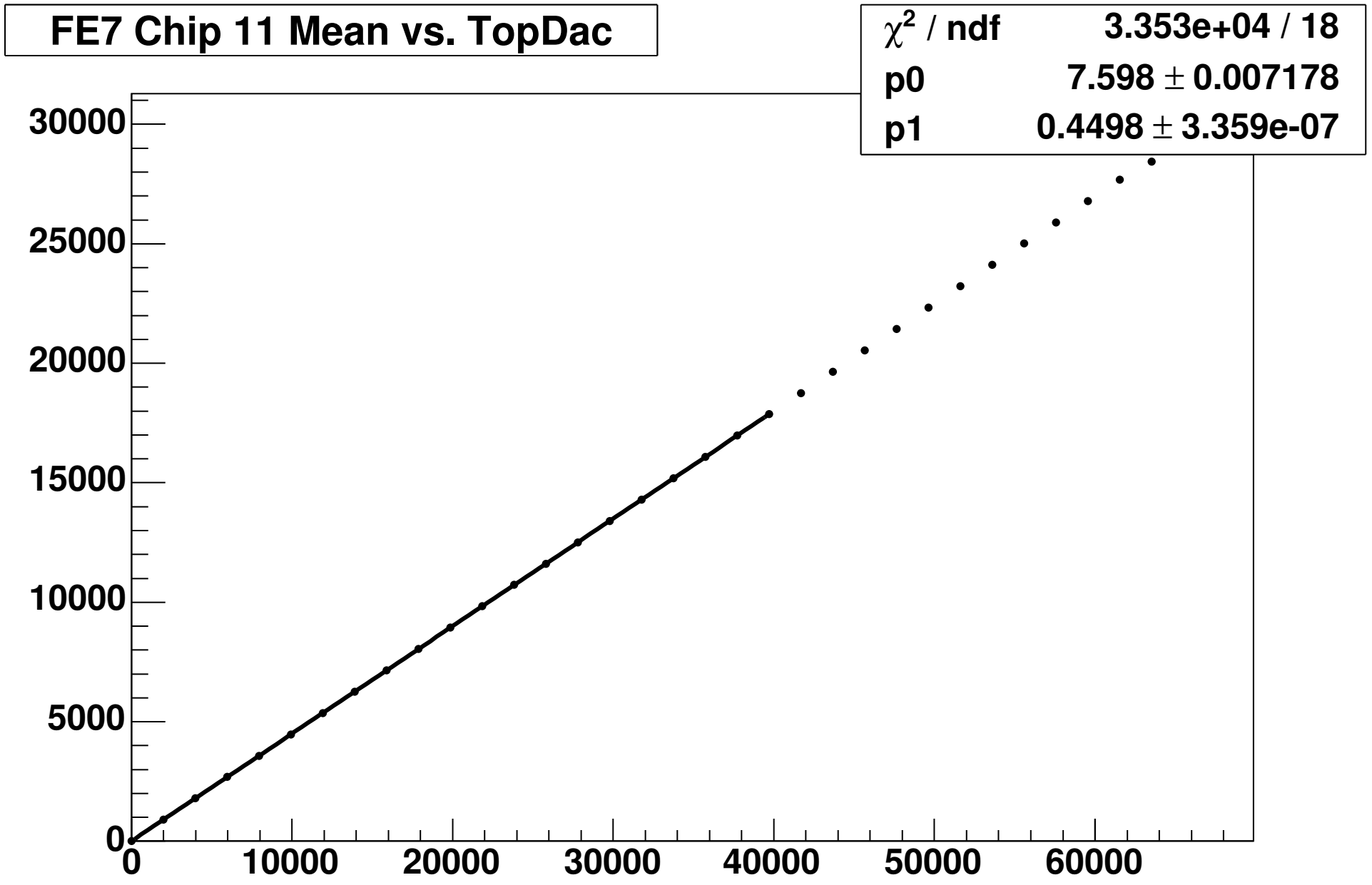
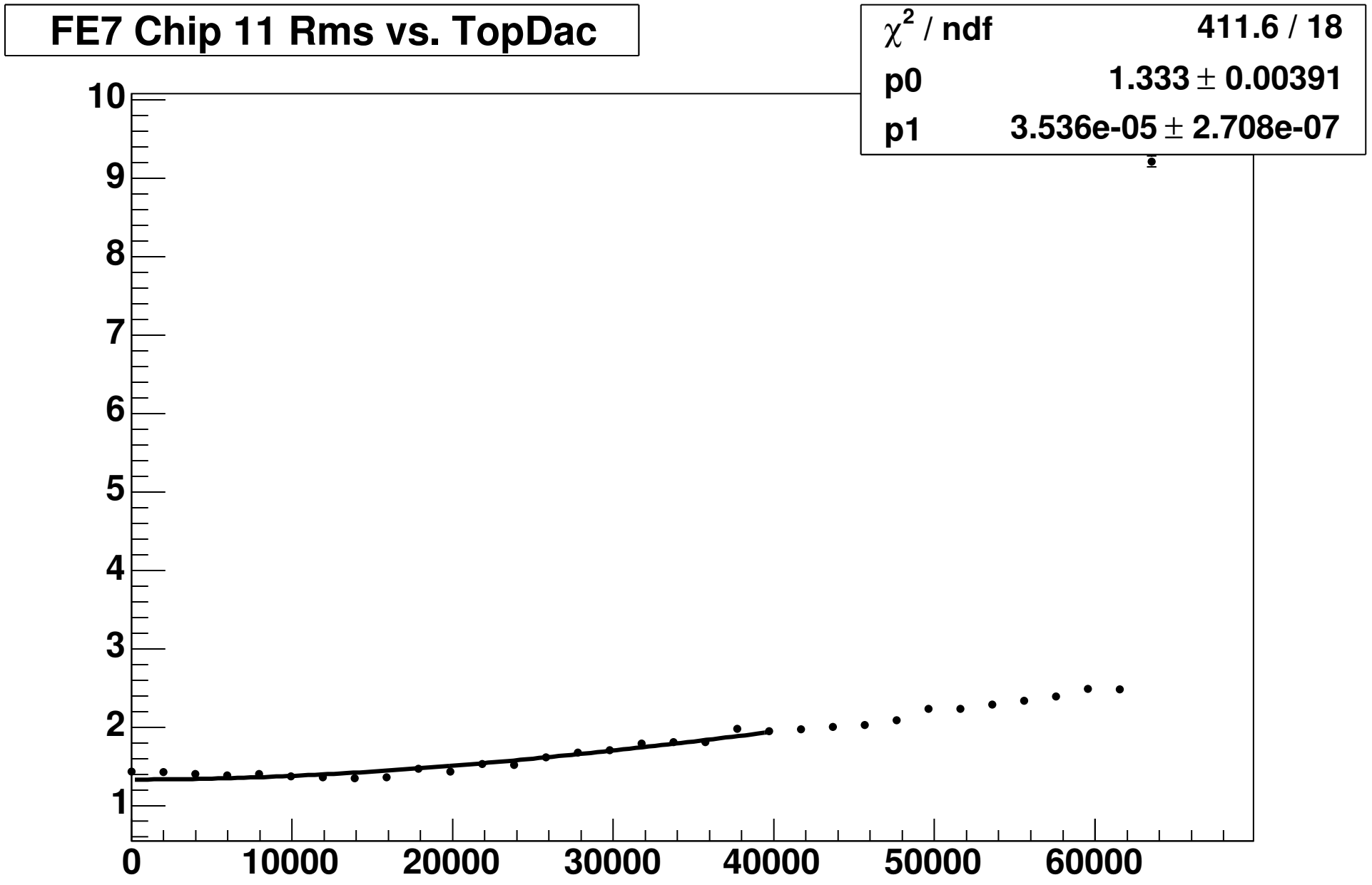
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000

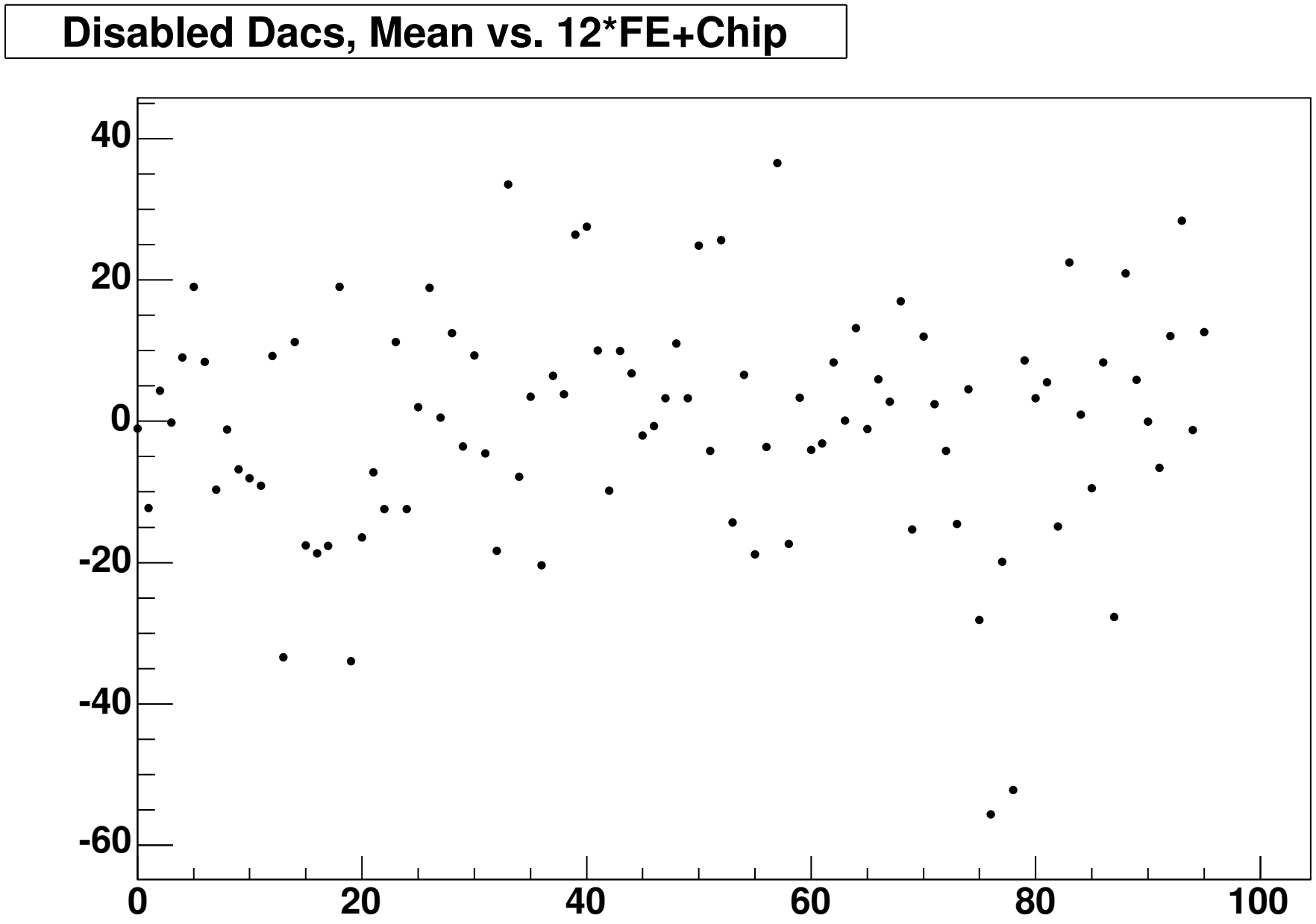

FE7 Chip 10 Rms vs. TopDac
χ² / ndf 491.1 / 18
p0 1.318 ± 0.003871
p1 3.504e-05 ± 2.677e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000

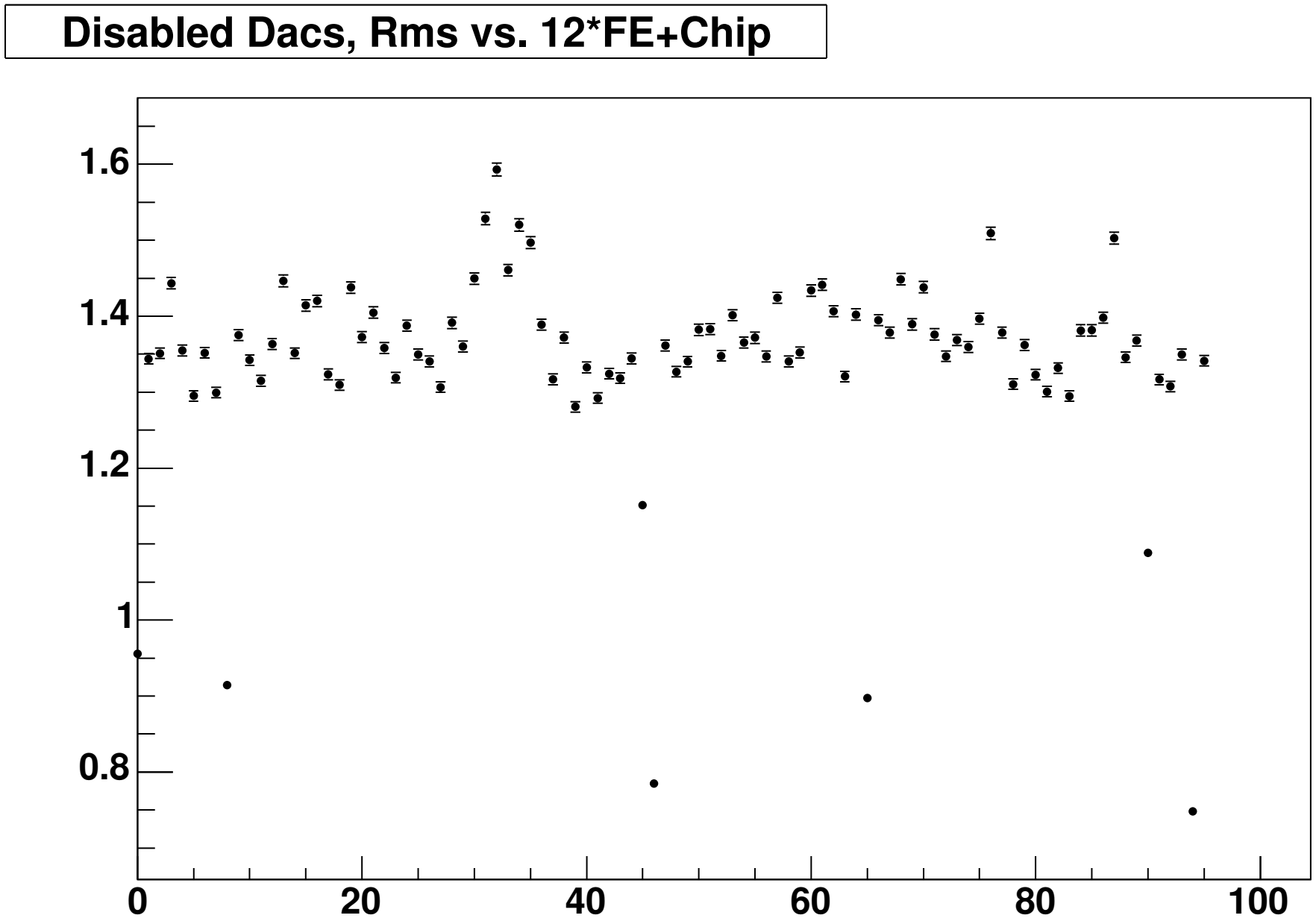

FE7 Chip 11 Mean vs. BotDac
χ² / ndf 109.7 / 18
p0 6.138 ± 0.007053
p1 5.499e-07 ± 2.978e-07
6.26
6.24
6.22
6.2
6.18
6.16
6.14
6.12
6.1
6.08
6.06
0
10000
20000
30000
40000
50000
60000

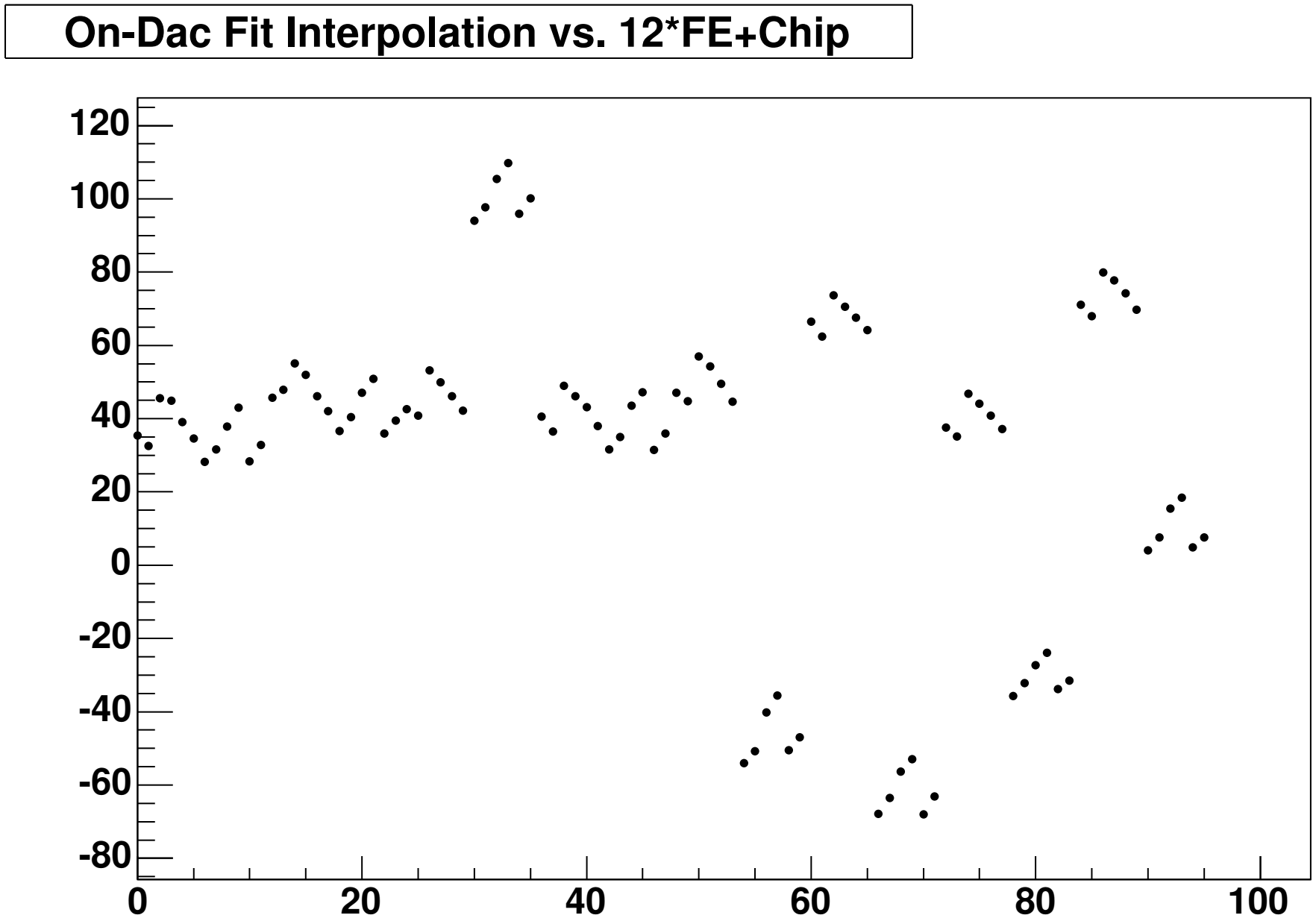

FE7 Chip 11 Rms vs. BotDac
χ² / ndf 19.42 / 18
p0 1.425 ± 0.003677
p1 6.252e-06 ± 1.132e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
10000
20000
30000
40000
50000
60000

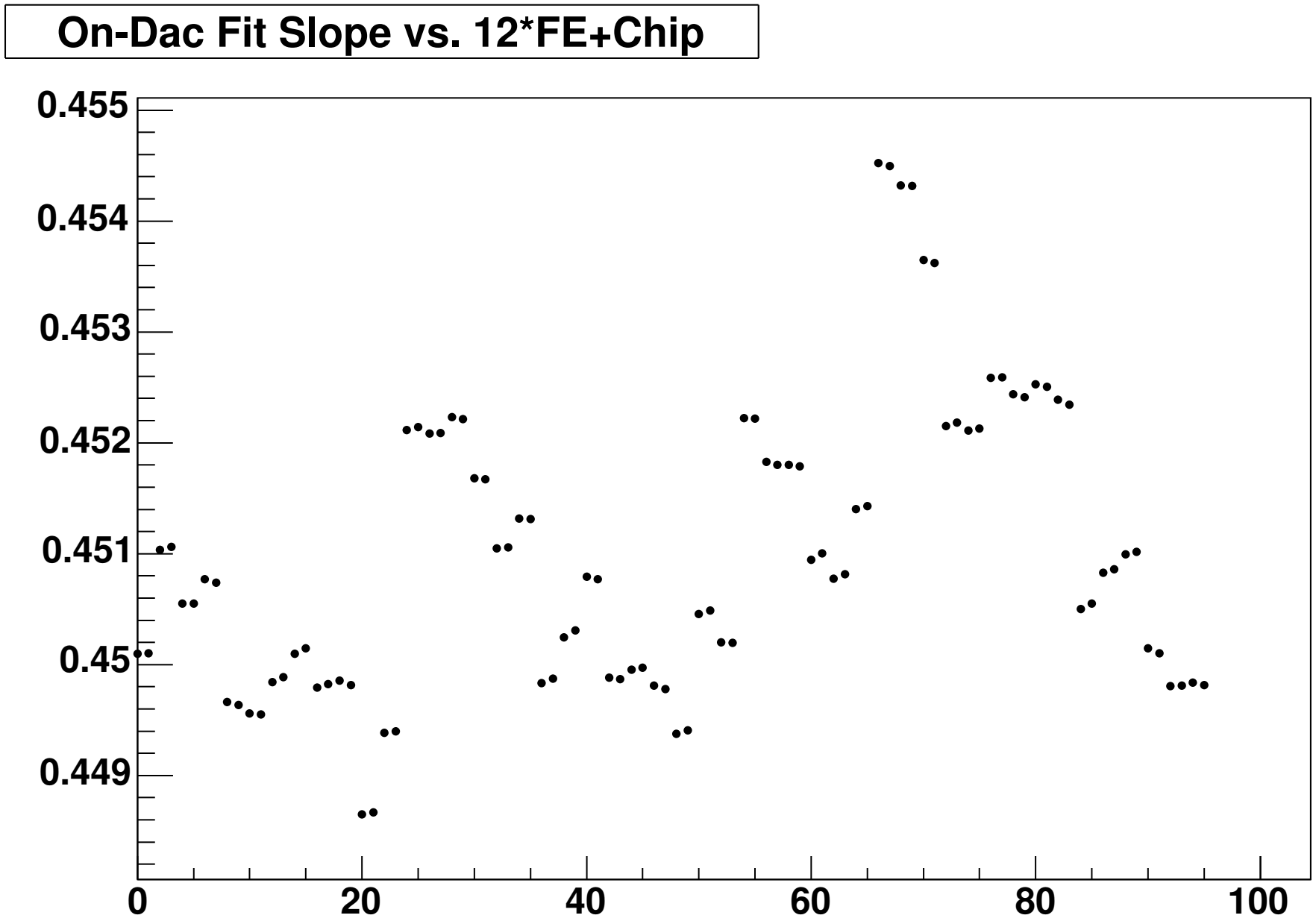

FE7 Chip 11 Mean vs. TopDac
χ² / ndf 3.353e+04 / 18
p0 7.598 ± 0.007178
p1 0.4498 ± 3.359e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000

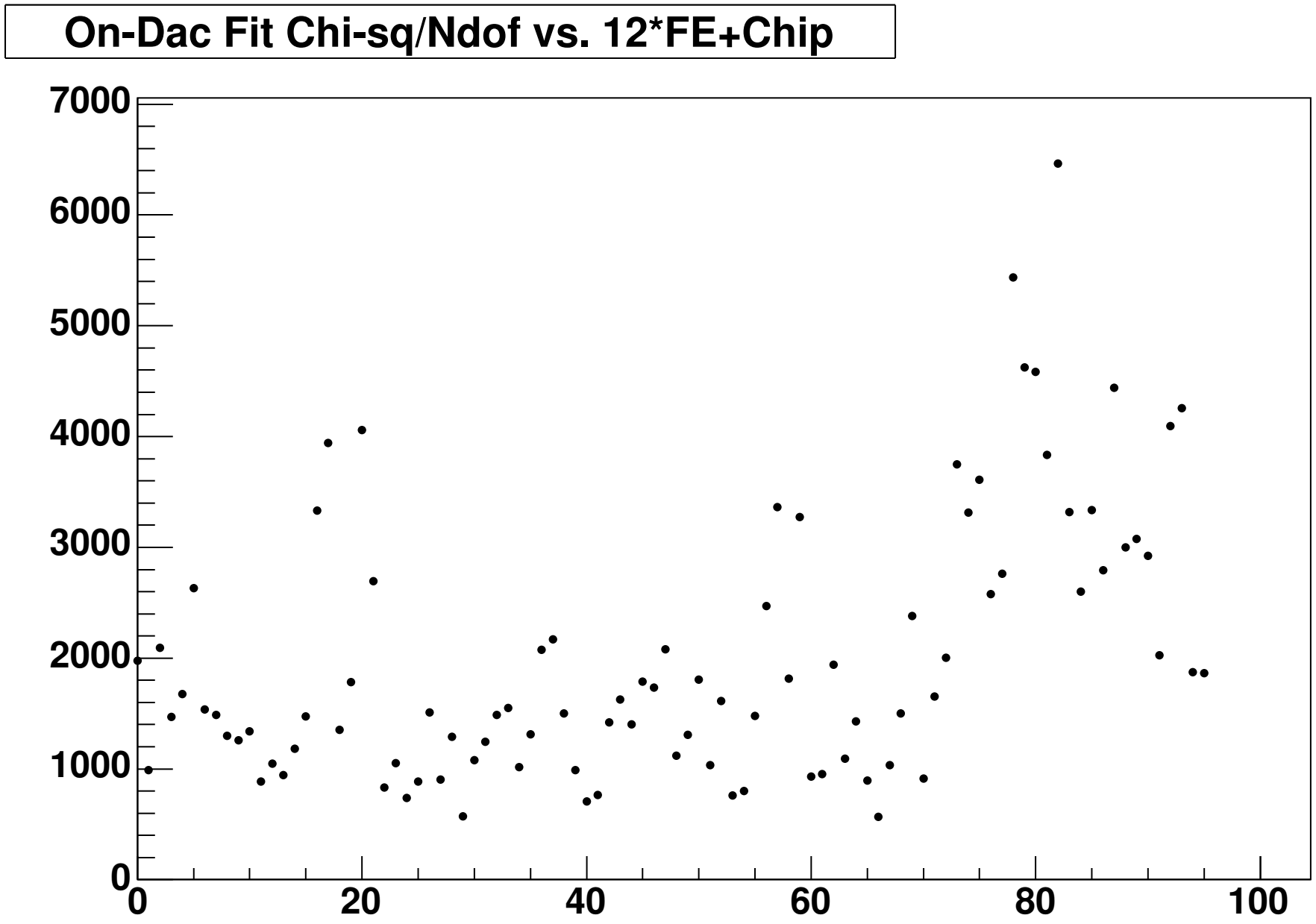

FE7 Chip 11 Rms vs. TopDac
χ² / ndf 411.6 / 18
p0 1.333 ± 0.00391
p1 3.536e-05 ± 2.708e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000

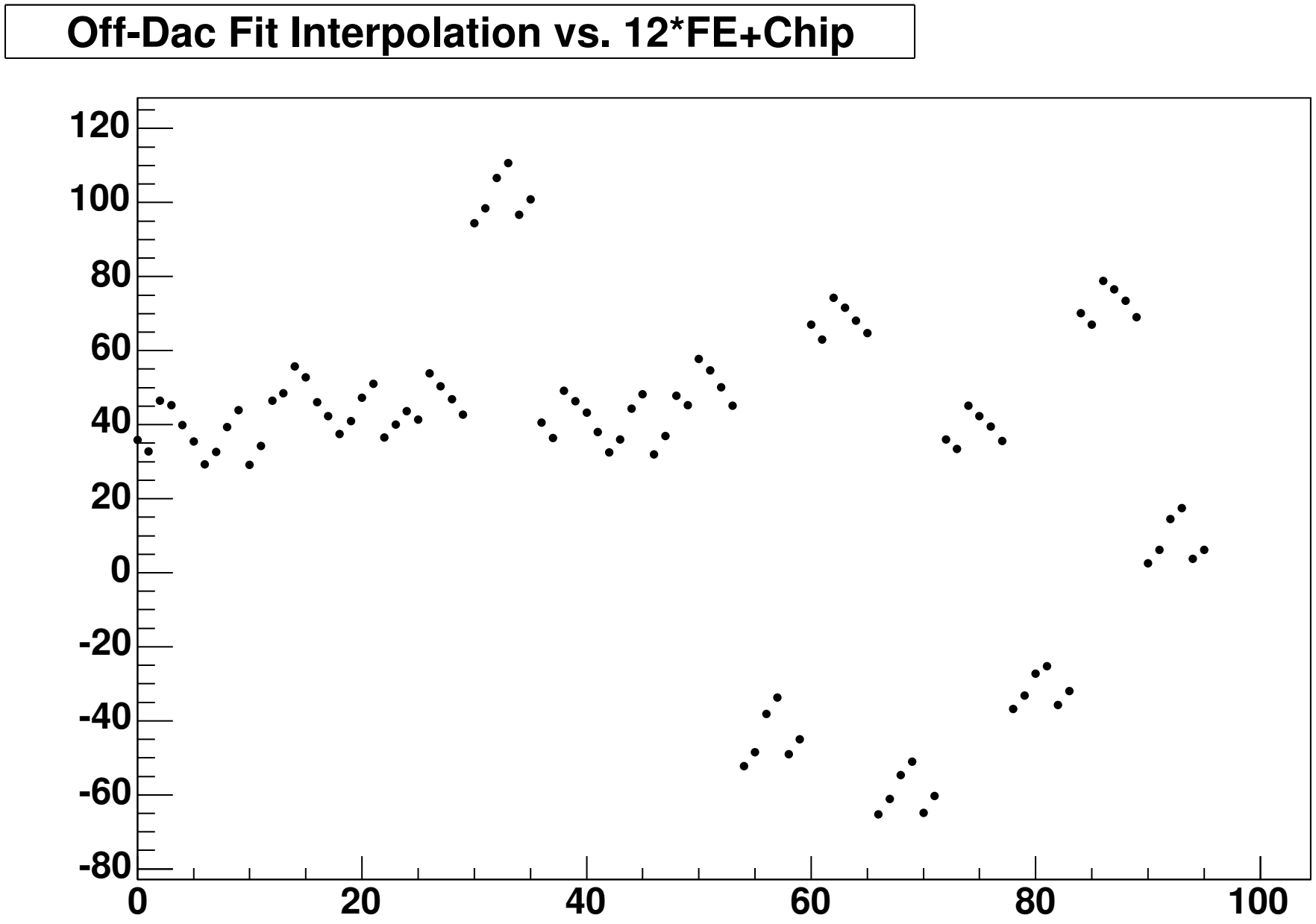

Disabled Dacs, Mean vs. 12*FE+Chip
40
20
0
-20
-40
-60
0
20
40
60
80
100

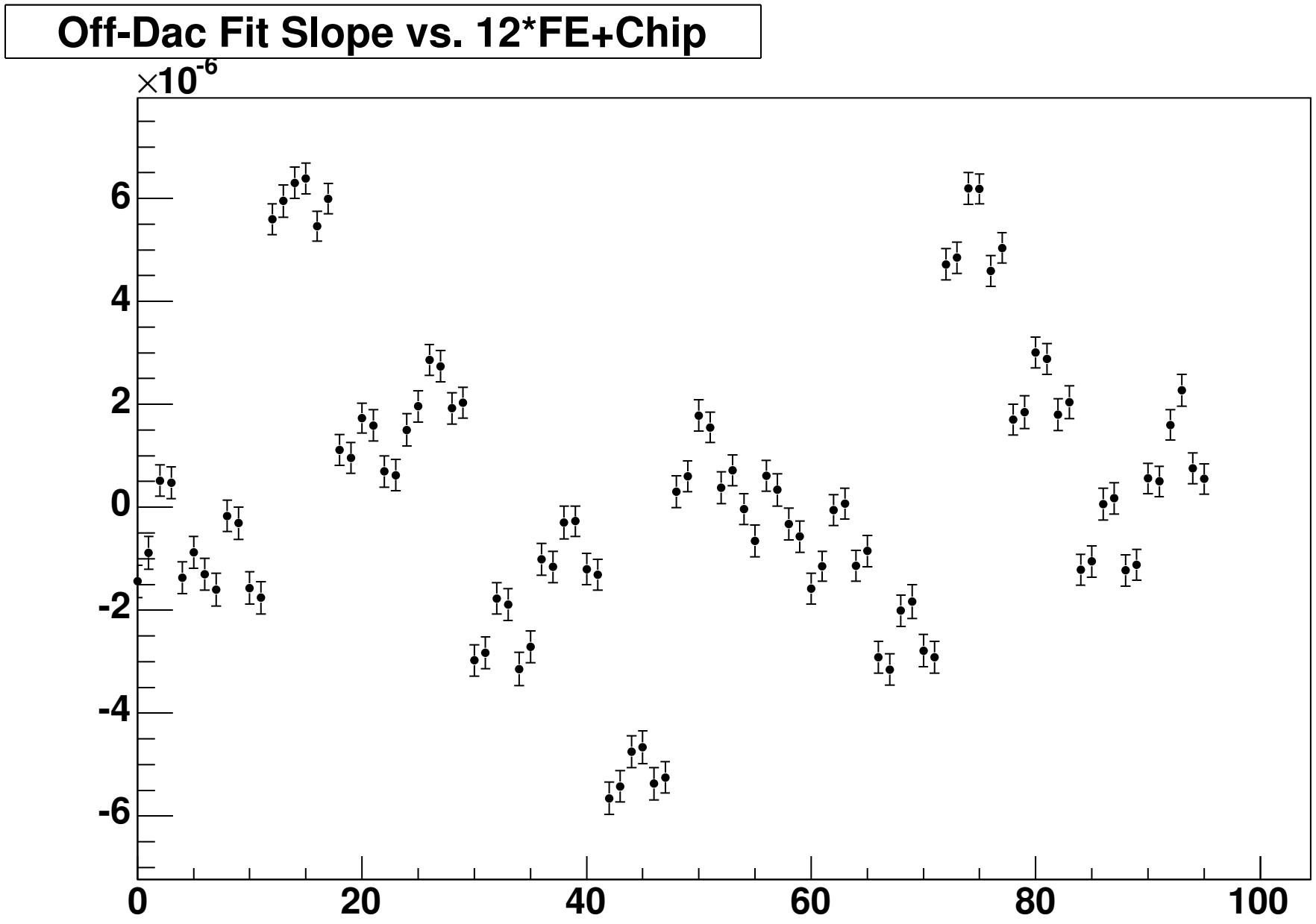

Disabled Dacs, Rms vs. 12*FE+Chip
1.6
1.4
1.2
1
0.8
0
20
40
60
80
100

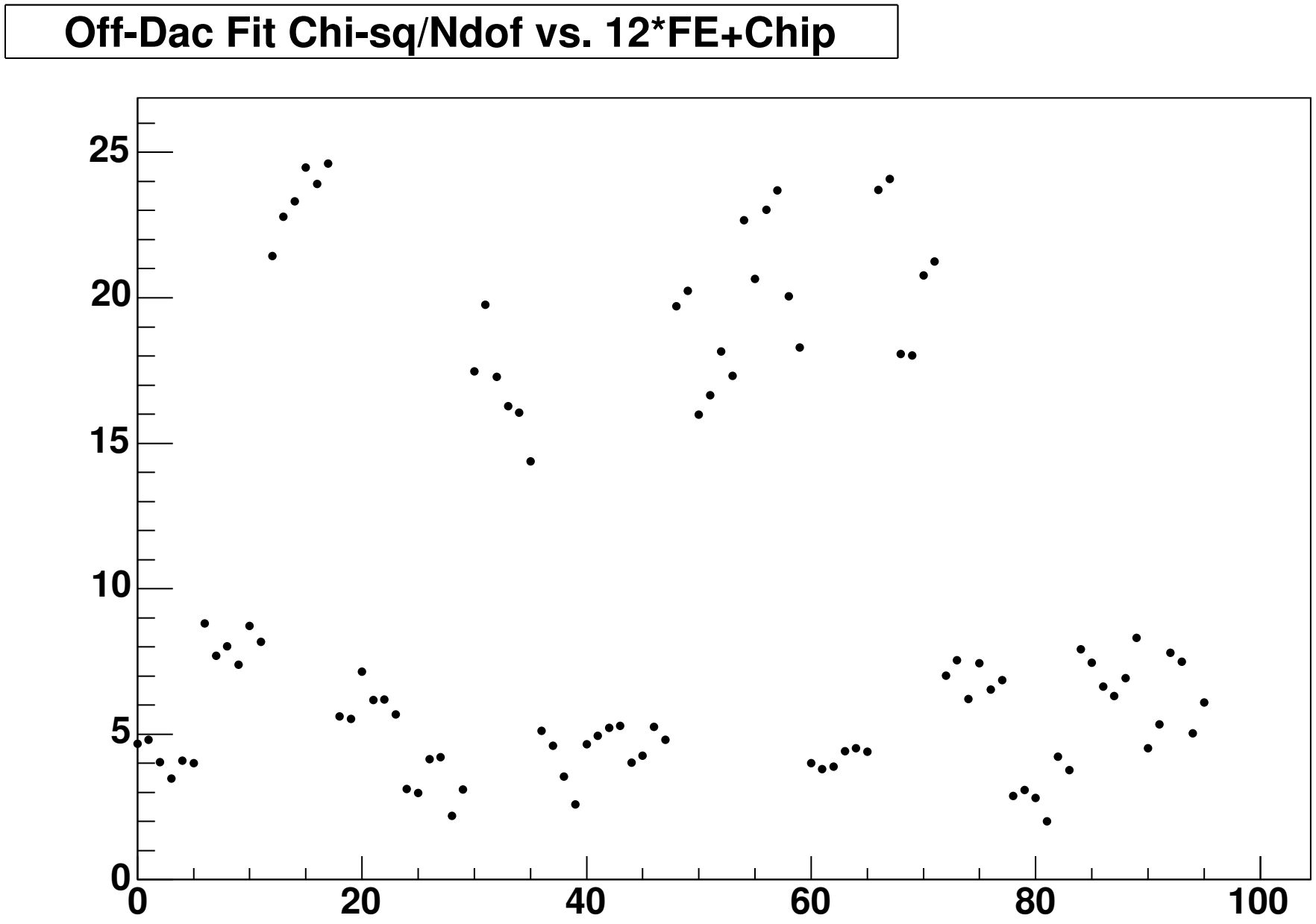

On-Dac Fit Interpolation vs. 12*FE+Chip
120
100
80
60
40
20
0
-20
-40
-60
-80
0
20
40
60
80
100

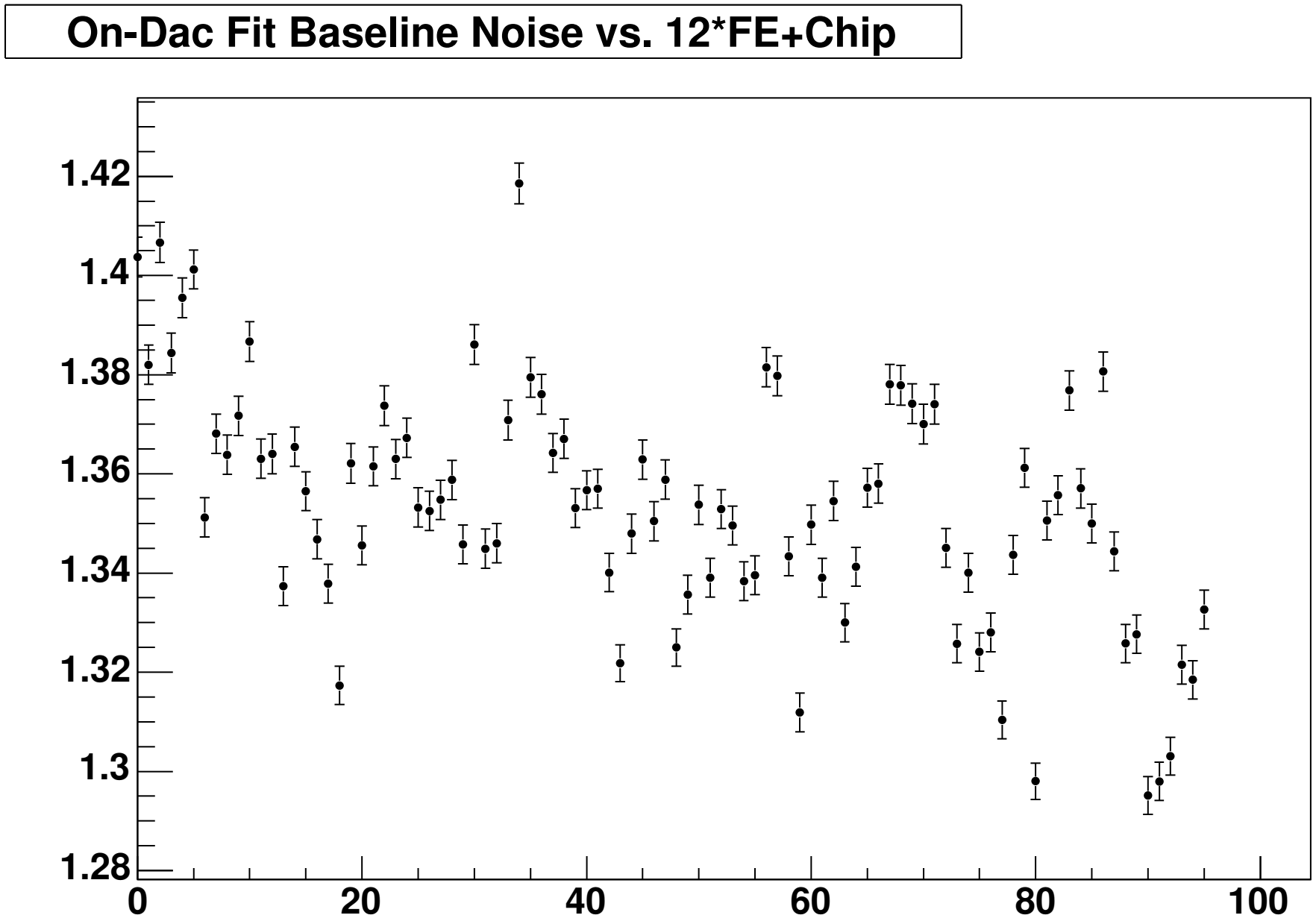

On-Dac Fit Slope vs. 12*FE+Chip
0.455
0.454
0.453
0.452
0.451
0.45
0.449
0
20
40
60
80
100

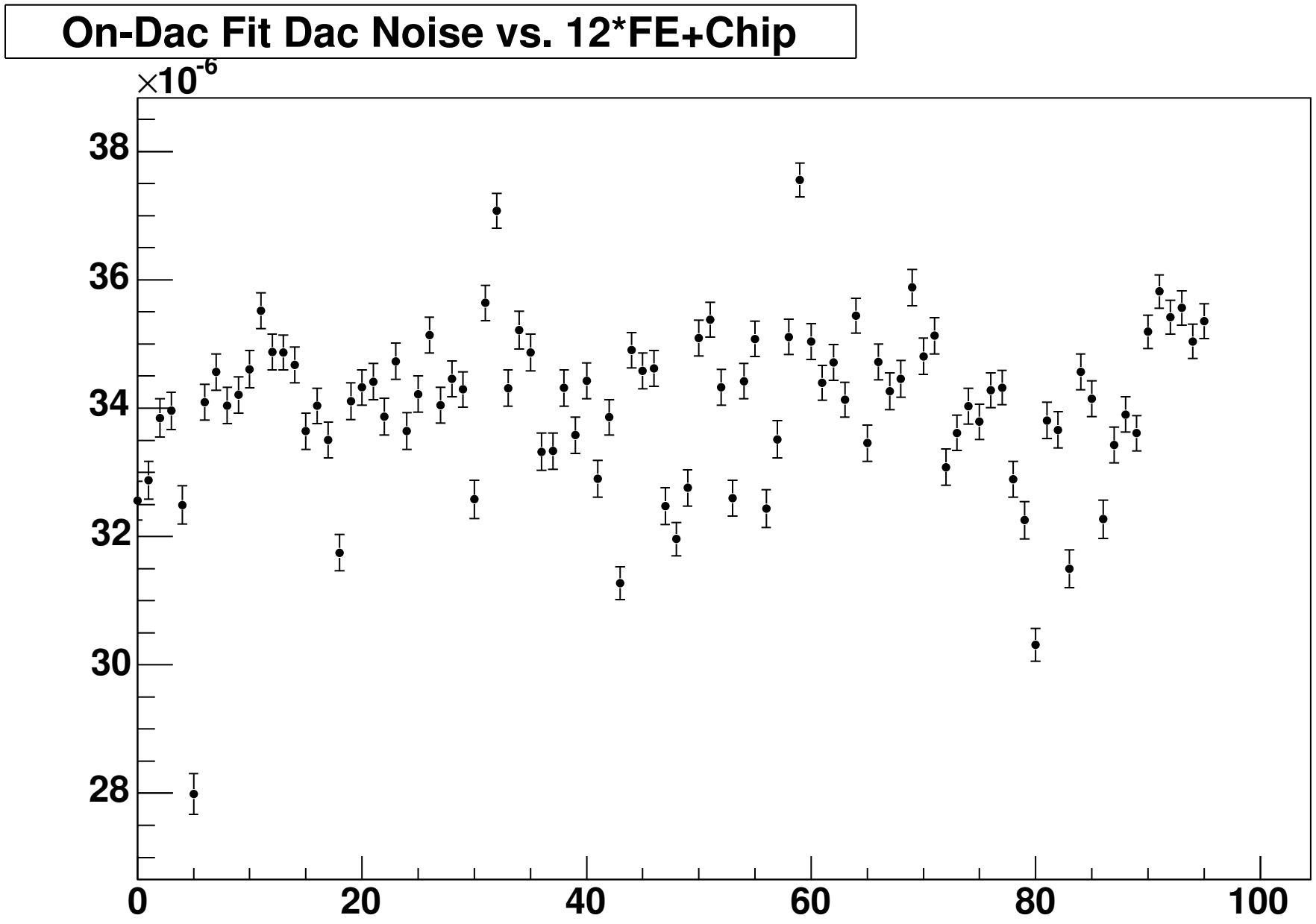

On-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
7000
6000
5000
4000
3000
2000
1000
0
0
20
40
60
80
100

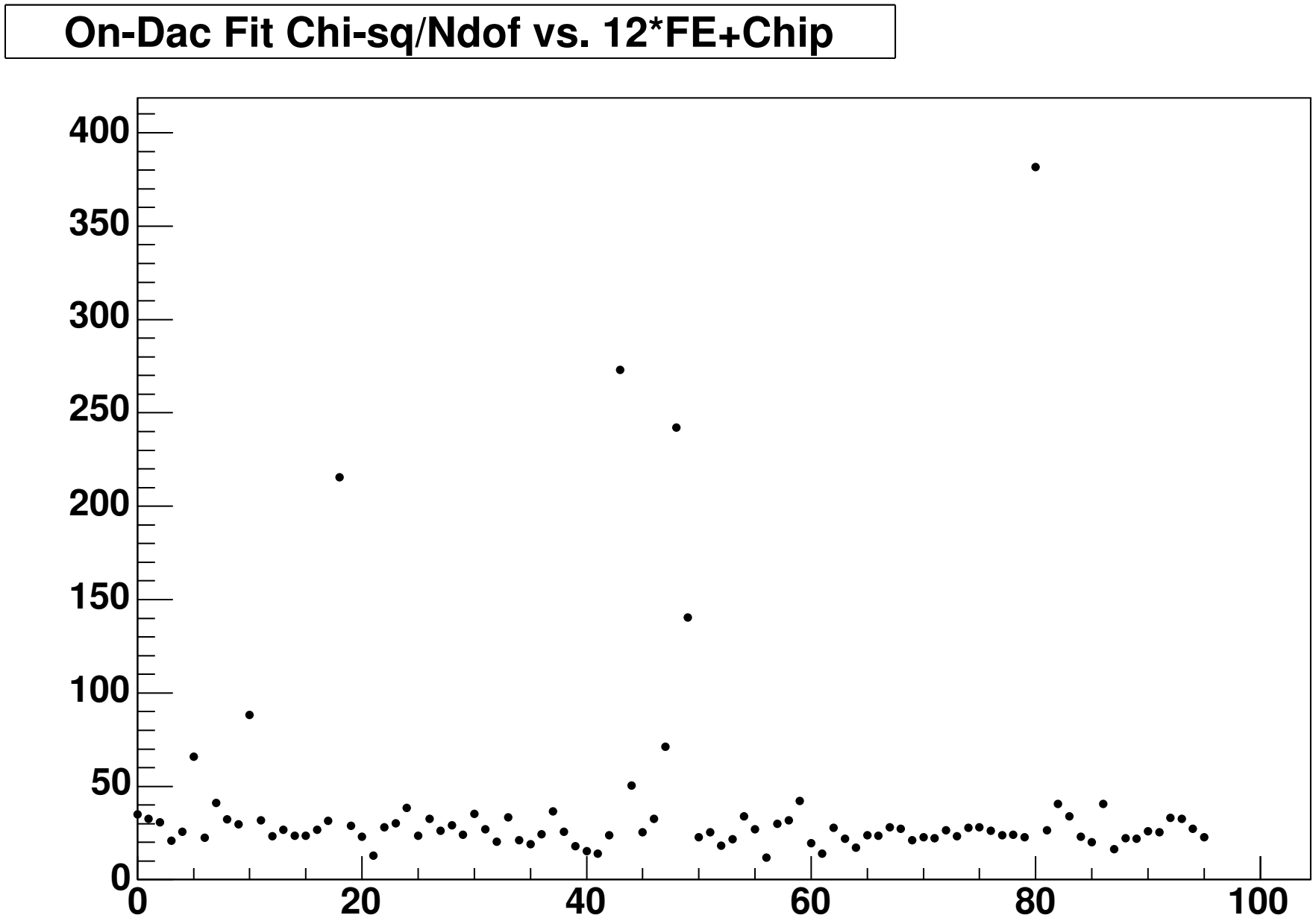

Off-Dac Fit Interpolation vs. 12*FE+Chip
120
100
80
60
40
20
0
-20
-40
-60
-80
0
20
40
60
80
100

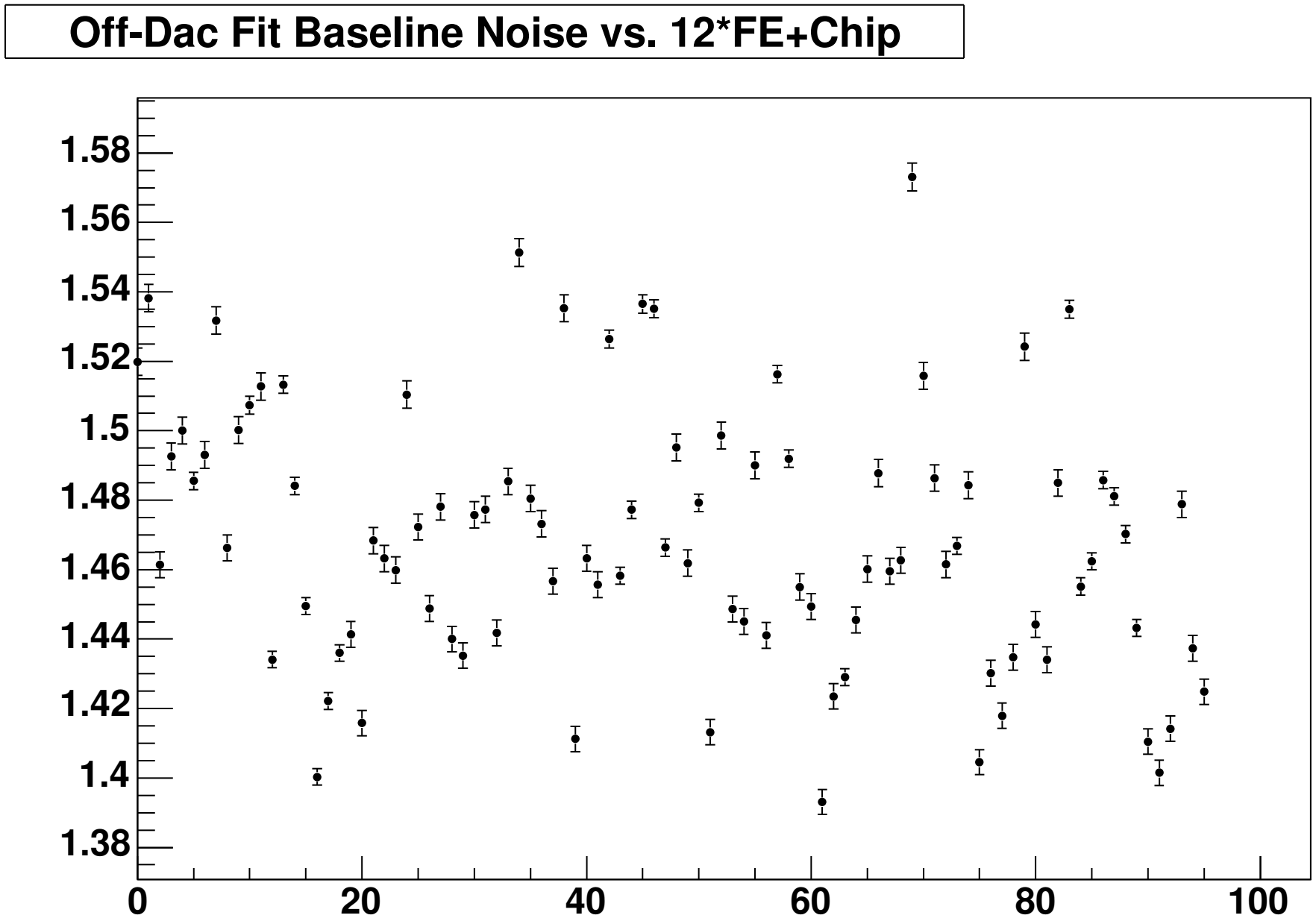

Off-Dac Fit Slope vs. 12*FE+Chip
×10^-6
6
4
2
0
-2
-4
-6
0
20
40
60
80
100

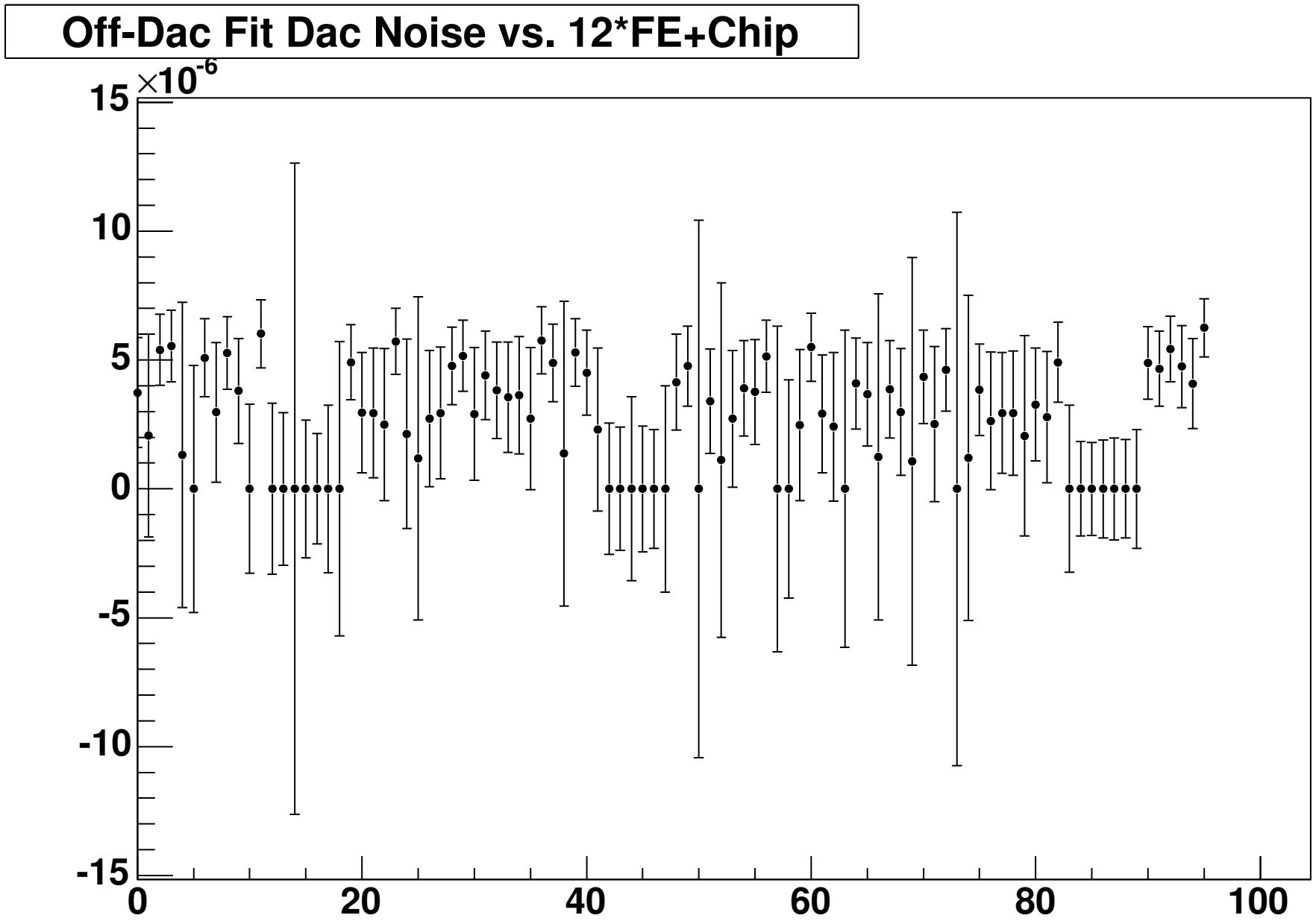

Off-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
25
20
15
10
5
0
0
20
40
60
80
100

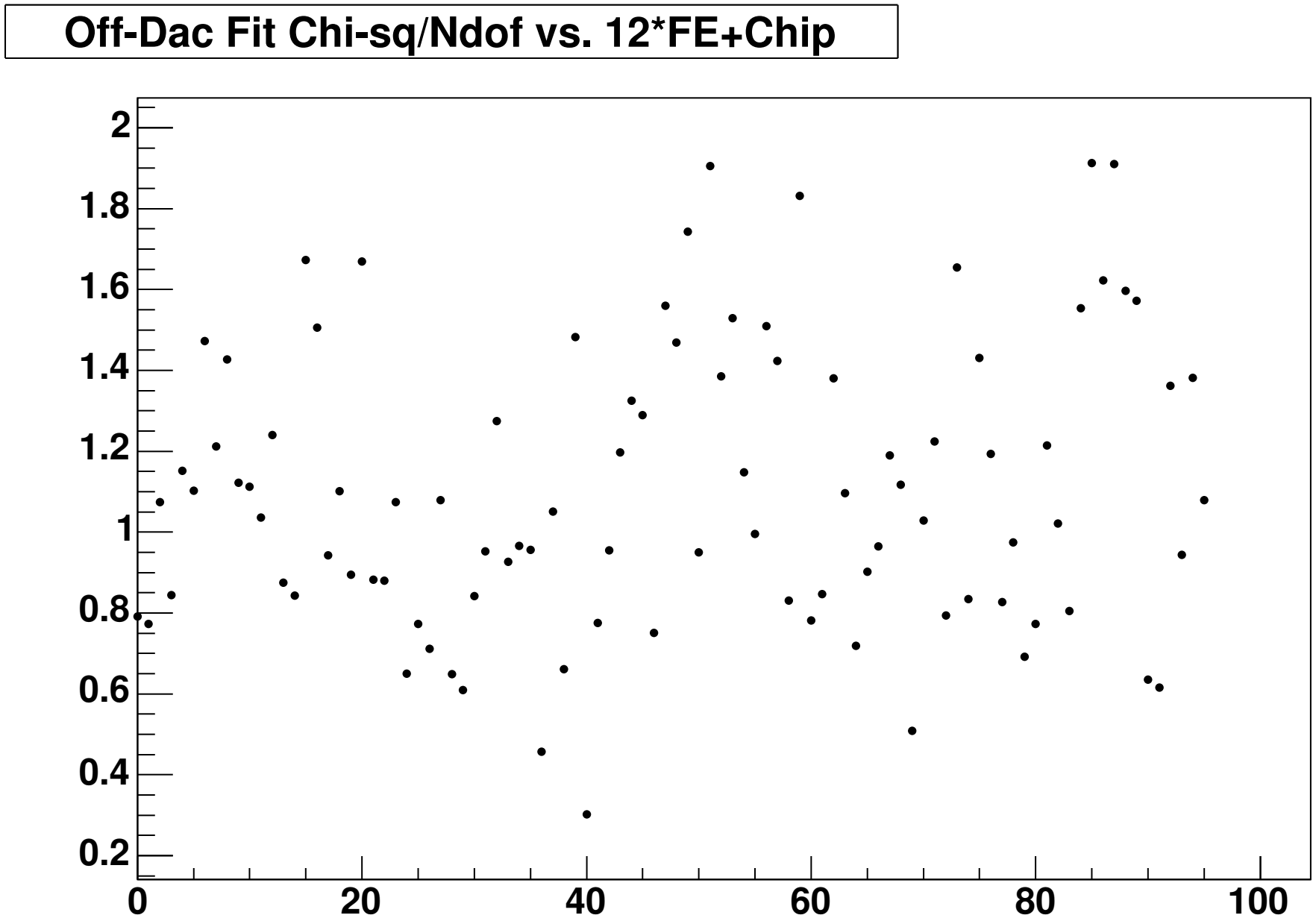

On-Dac Fit Baseline Noise vs. 12*FE+Chip
1.42
1.4
1.38
1.36
1.34
1.32
1.3
1.28
0
20
40
60
80
100

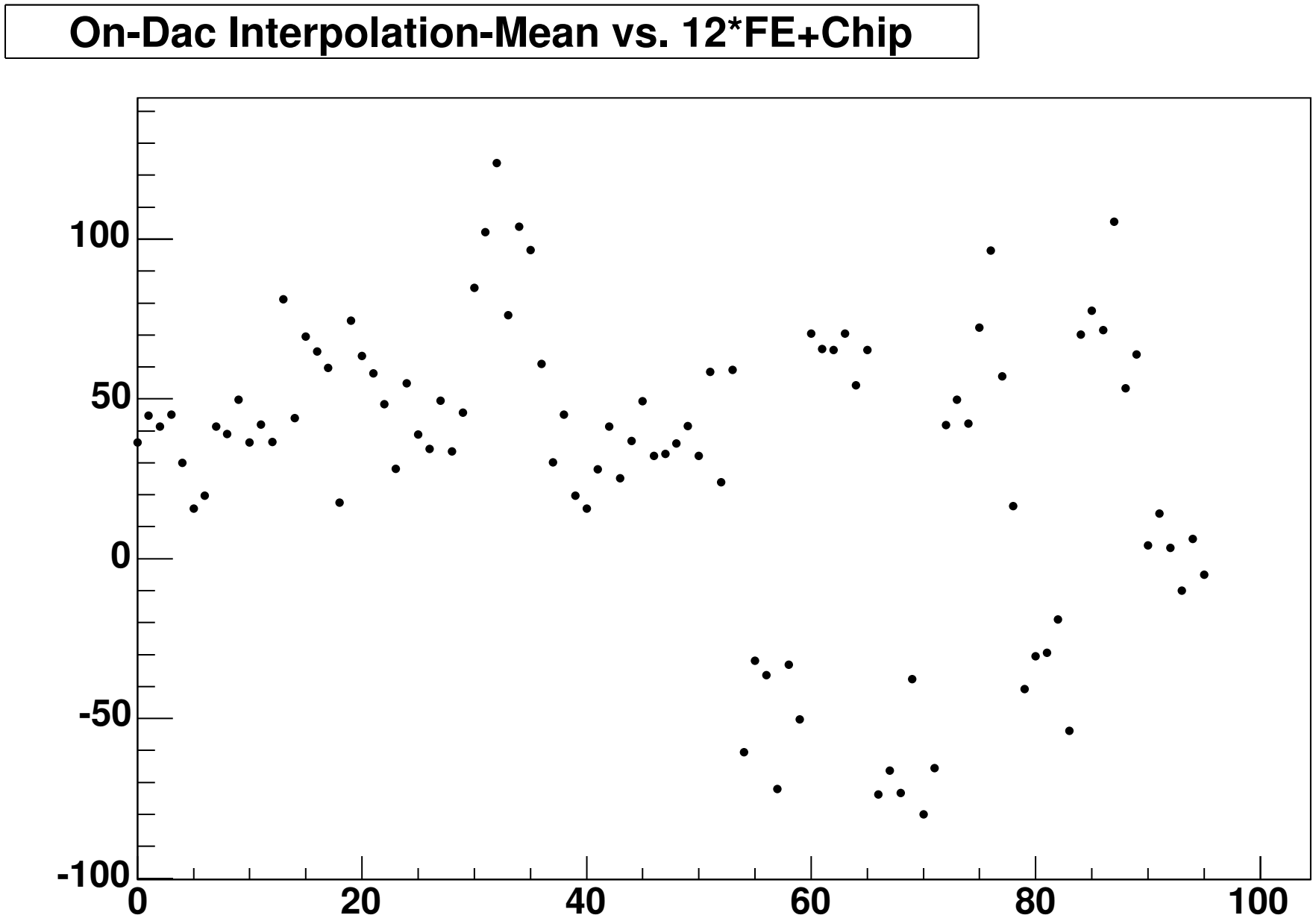

On-Dac Fit Dac Noise vs. 12*FE+Chip
×10^-6
38
36
34
32
30
28
0
20
40
60
80
100

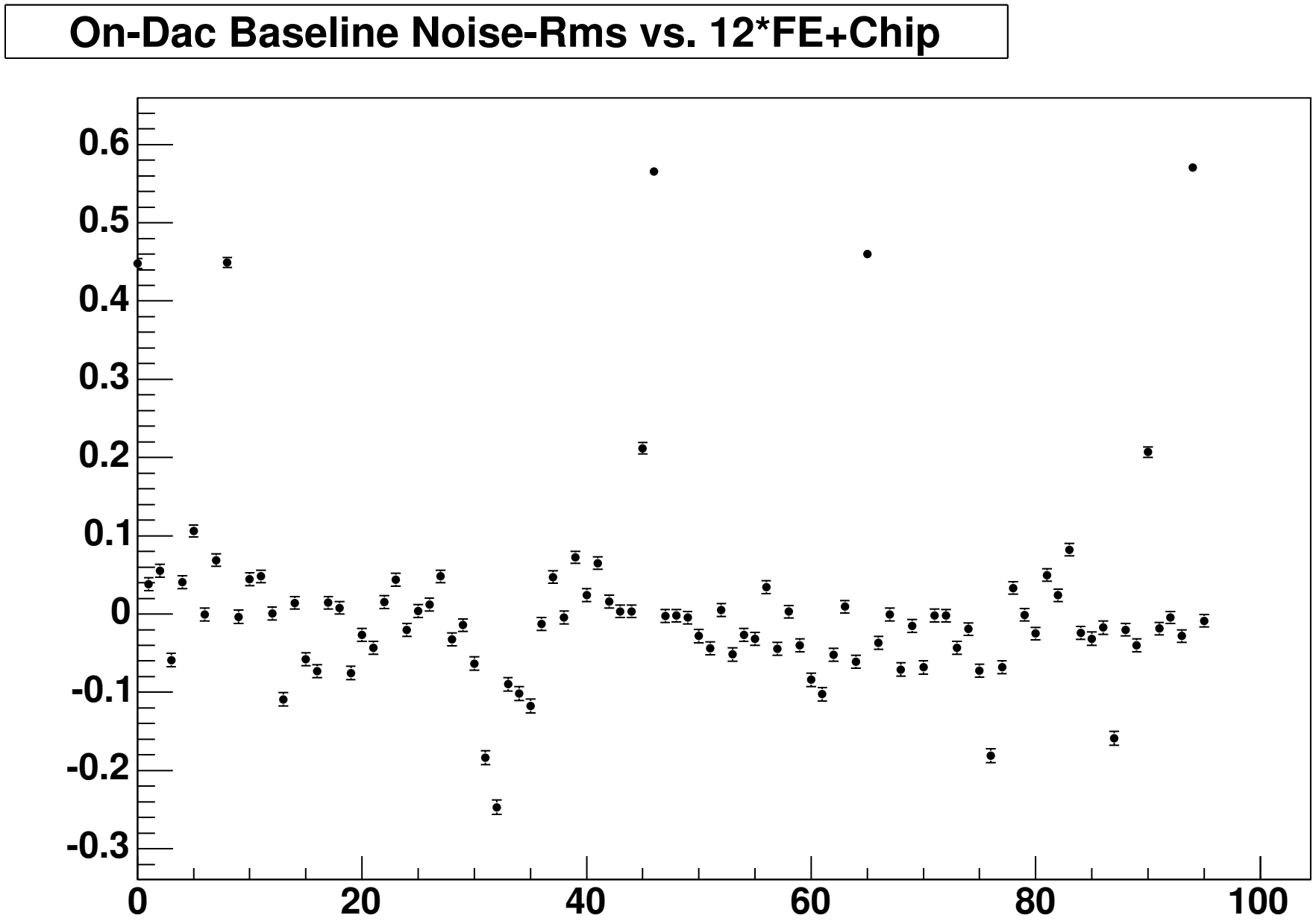

On-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
400
350
300
250
200
150
100
50
0
0
20
40
60
80
100

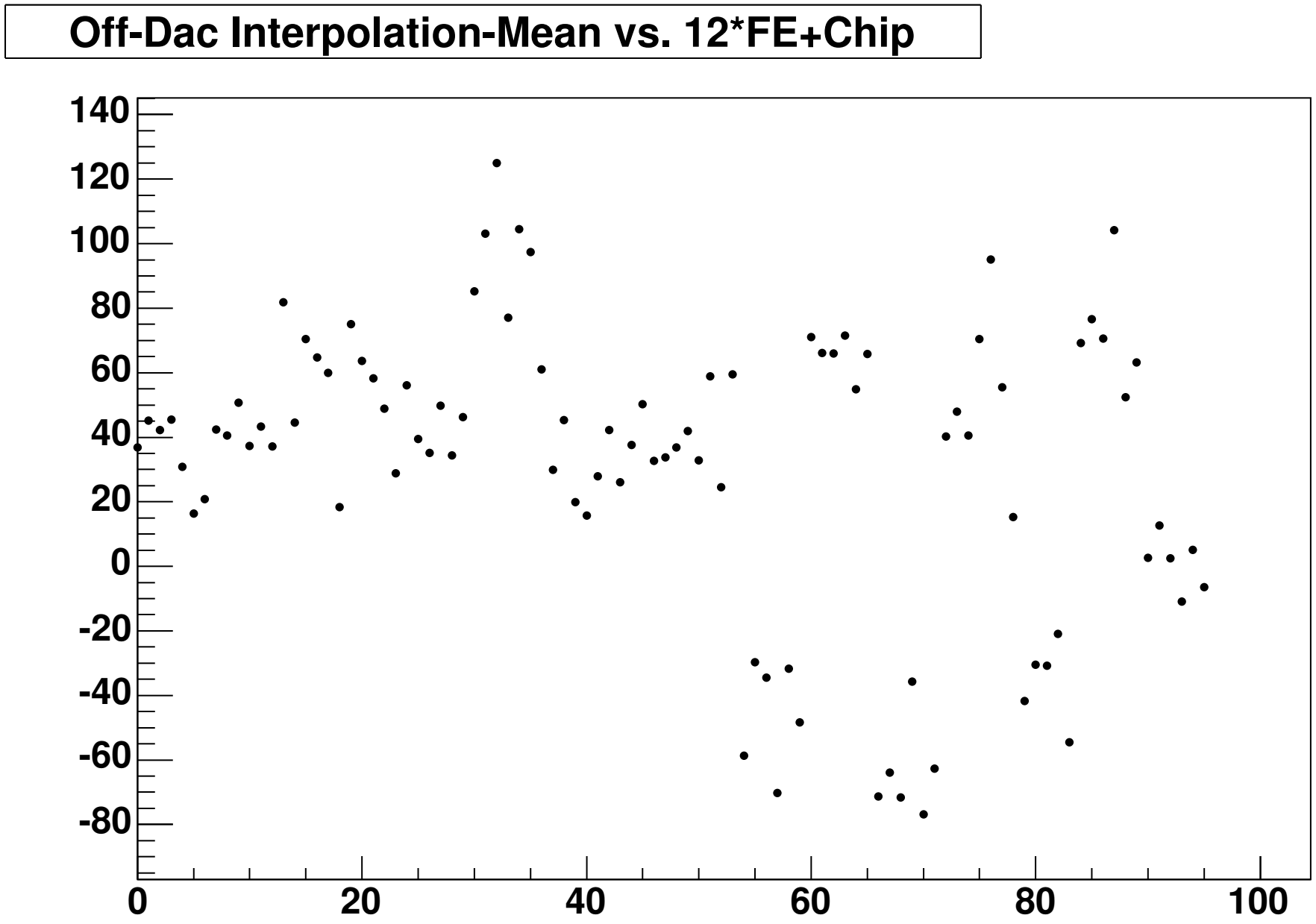

Off-Dac Fit Baseline Noise vs. 12*FE+Chip
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
0
20
40
60
80
100

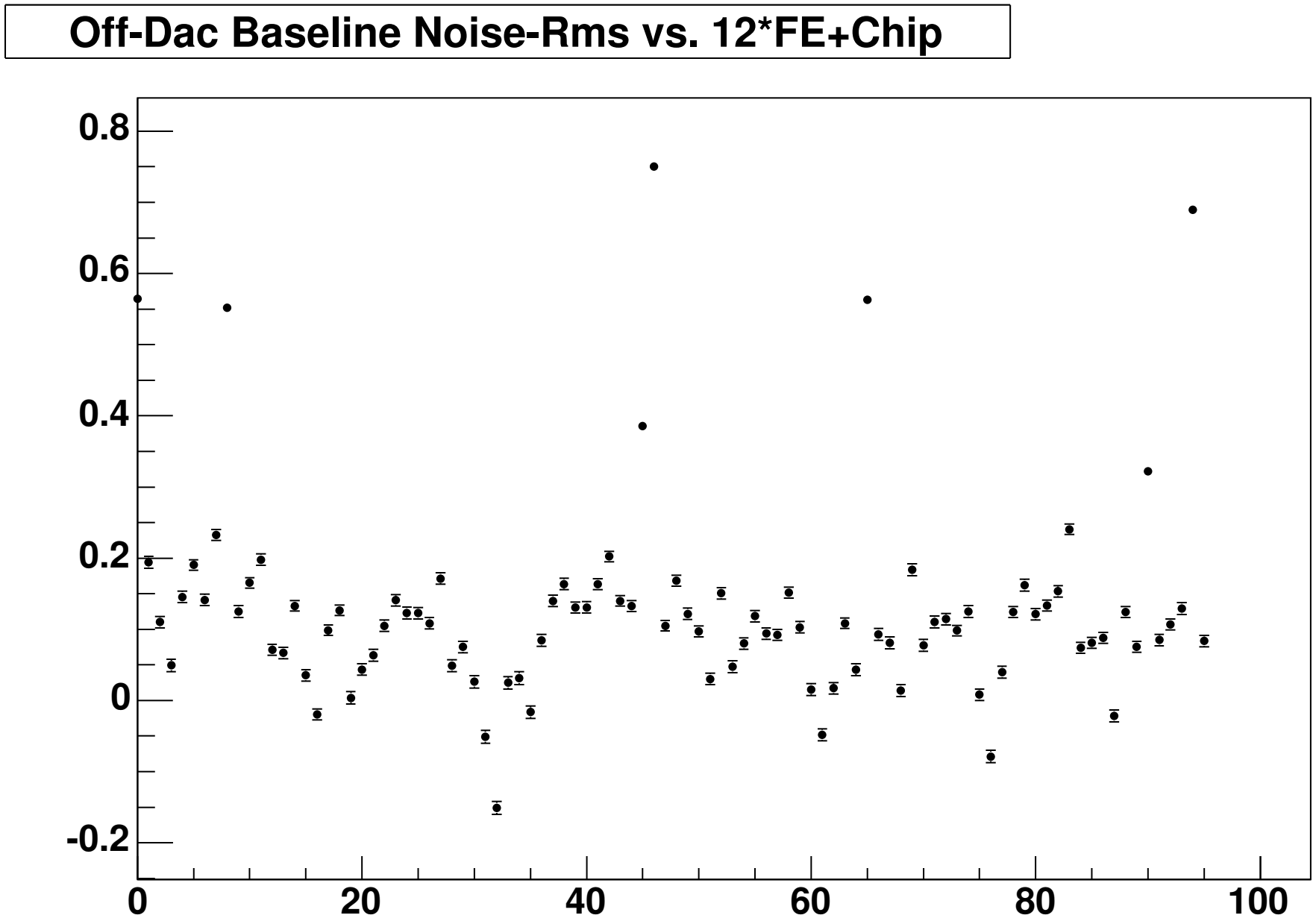

Off-Dac Fit Dac Noise vs. 12*FE+Chip
×10-6
15
10
5
0
-5
-10
-15
0
20
40
60
80
100


Off-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
40
60
80
100


On-Dac Interpolation-Mean vs. 12*FE+Chip
100
50
0
-50
-100
0
20
40
60
80
100


On-Dac Baseline Noise-Rms vs. 12*FE+Chip
0.6
0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
0
20
40
60
80
100


Off-Dac Interpolation-Mean vs. 12*FE+Chip
140
120
100
80
60
40
20
0
-20
-40
-60
-80
0
20
40
60
80
100


Off-Dac Baseline Noise-Rms vs. 12*FE+Chip
0.8
0.6
0.4
0.2
0
-0.2
0
20
40
60
80
100