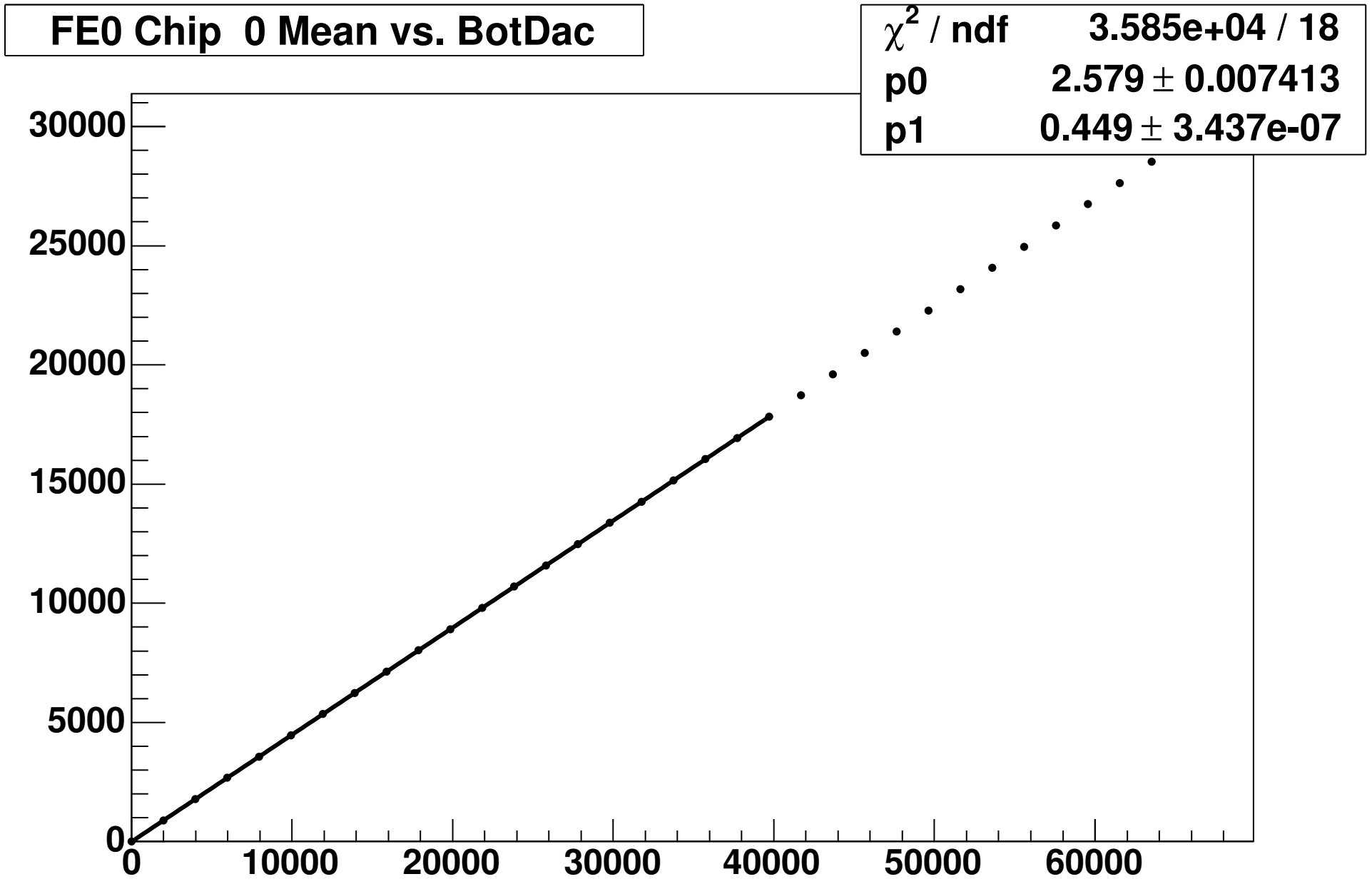
FE0 Chip 0 Mean vs. BotDac
χ² / ndf 3.585e+04 / 18
p0 2.579 ± 0.007413
p1 0.449 ± 3.437e-07
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0
10000
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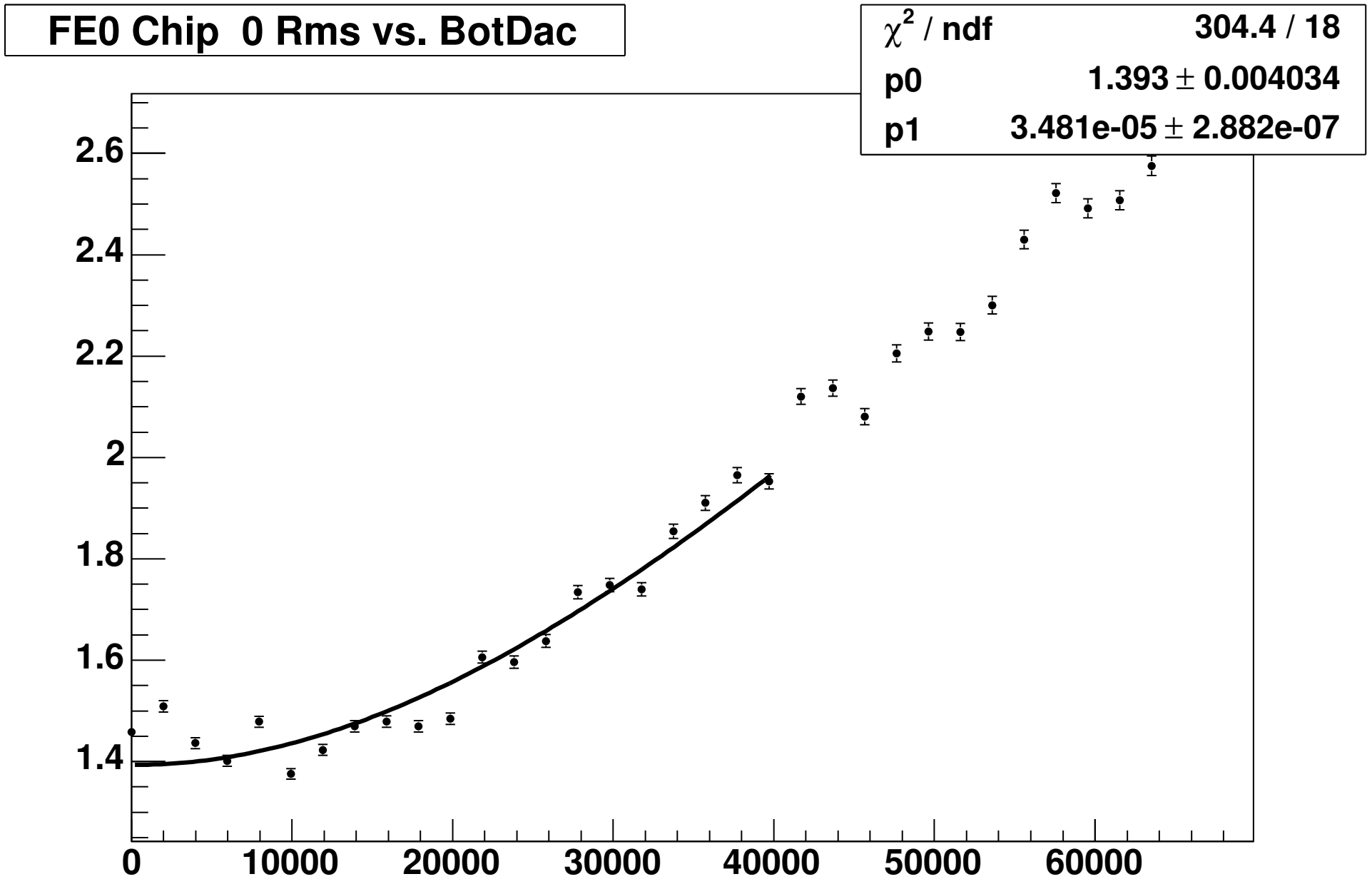
60000


FE0 Chip 0 Rms vs. BotDac
χ² / ndf 304.4 / 18
p0 1.393 ± 0.004034
p1 3.481e-05 ± 2.882e-07
2.6
2.4
2.2
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1.8
1.6
1.4
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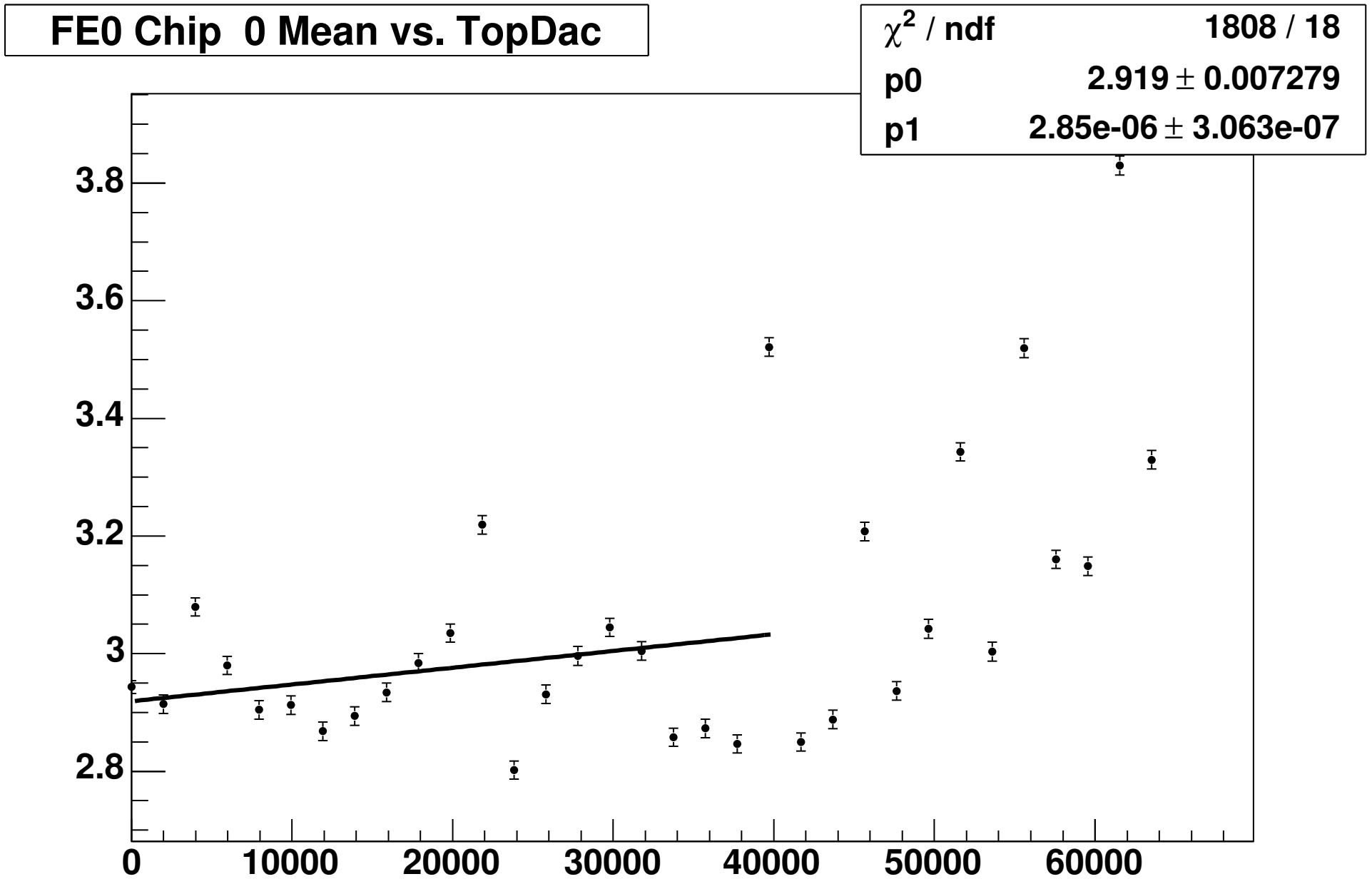
FE0 Chip 0 Mean vs. TopDac
χ² / ndf 1808 / 18
p0 2.919 ± 0.007279
p1 2.85e-06 ± 3.063e-07
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3.6
3.4
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2.8
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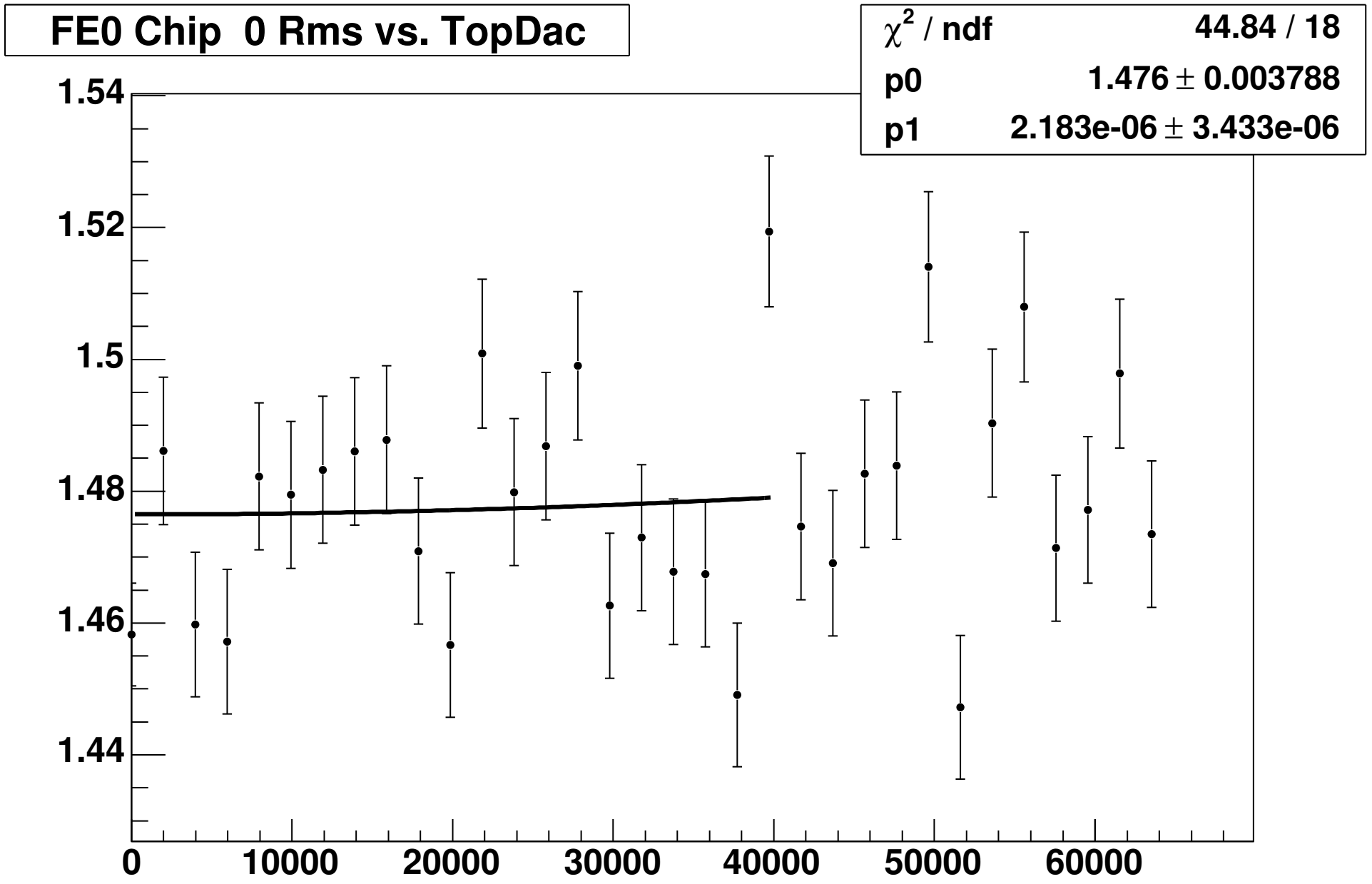
FE0 Chip 0 Rms vs. TopDac
χ² / ndf 44.84 / 18
p0 1.476 ± 0.003788
p1 2.183e-06 ± 3.433e-06
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1.52
1.5
1.48
1.46
1.44
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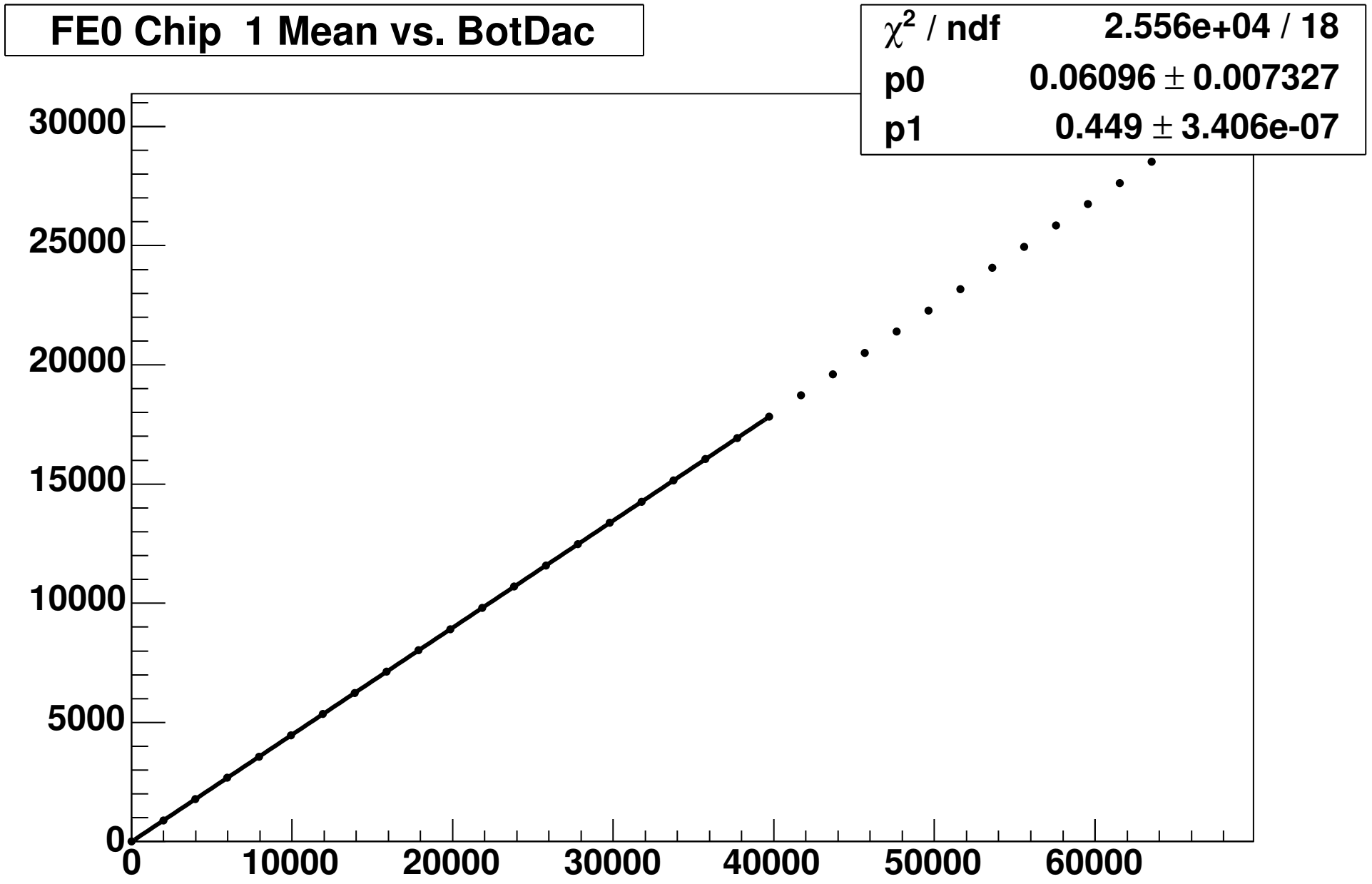
FE0 Chip 1 Mean vs. BotDac
χ² / ndf 2.556e+04 / 18
p0 0.06096 ± 0.007327
p1 0.449 ± 3.406e-07
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0
10000
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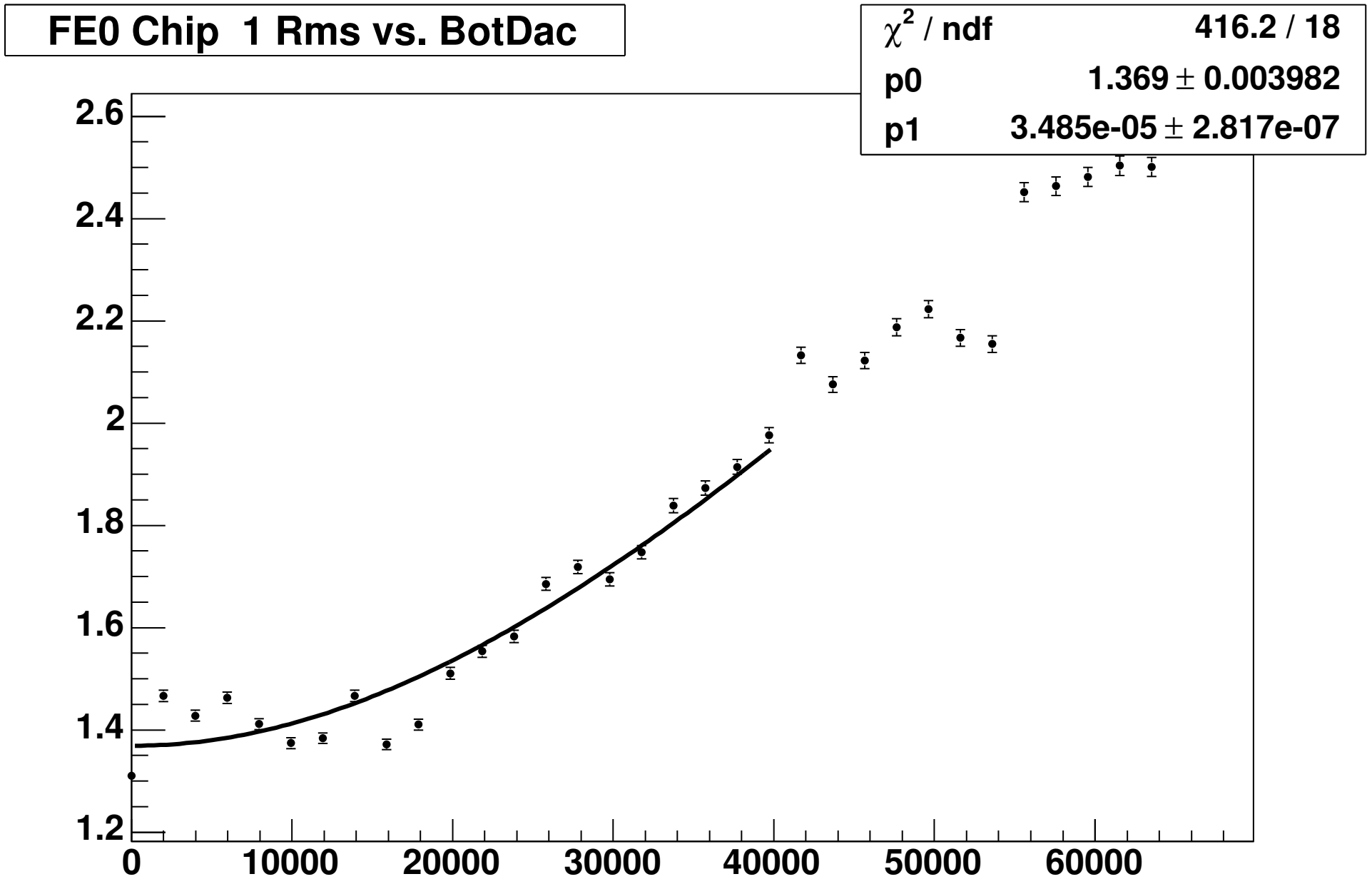
60000


FE0 Chip 1 Rms vs. BotDac
χ² / ndf 416.2 / 18
p0 1.369 ± 0.003982
p1 3.485e-05 ± 2.817e-07
2.6
2.4
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1.8
1.6
1.4
1.2
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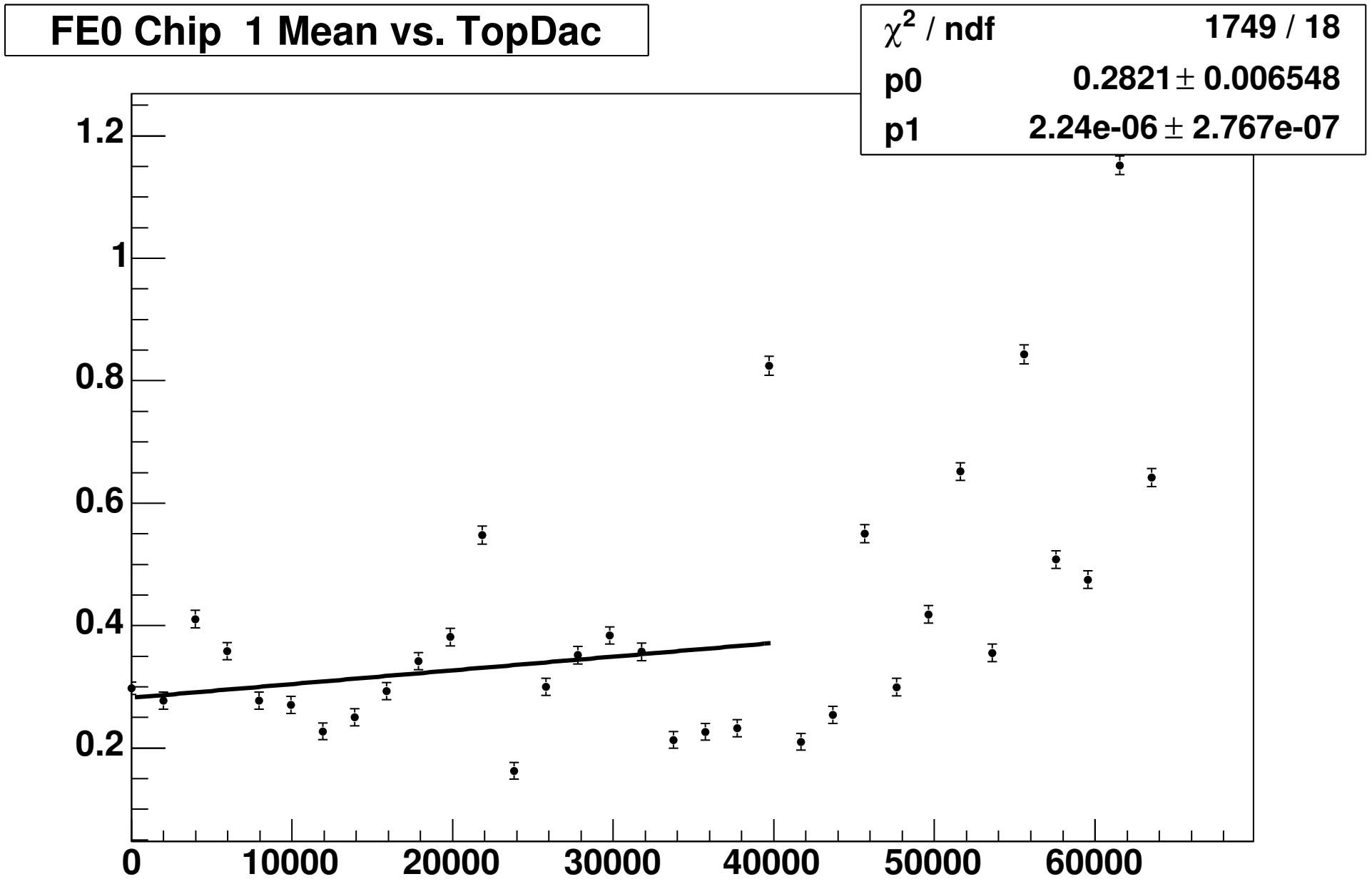
FE0 Chip 1 Mean vs. TopDac
χ² / ndf 1749 / 18
p0 0.2821 ± 0.006548
p1 2.24e-06 ± 2.767e-07
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0.8
0.6
0.4
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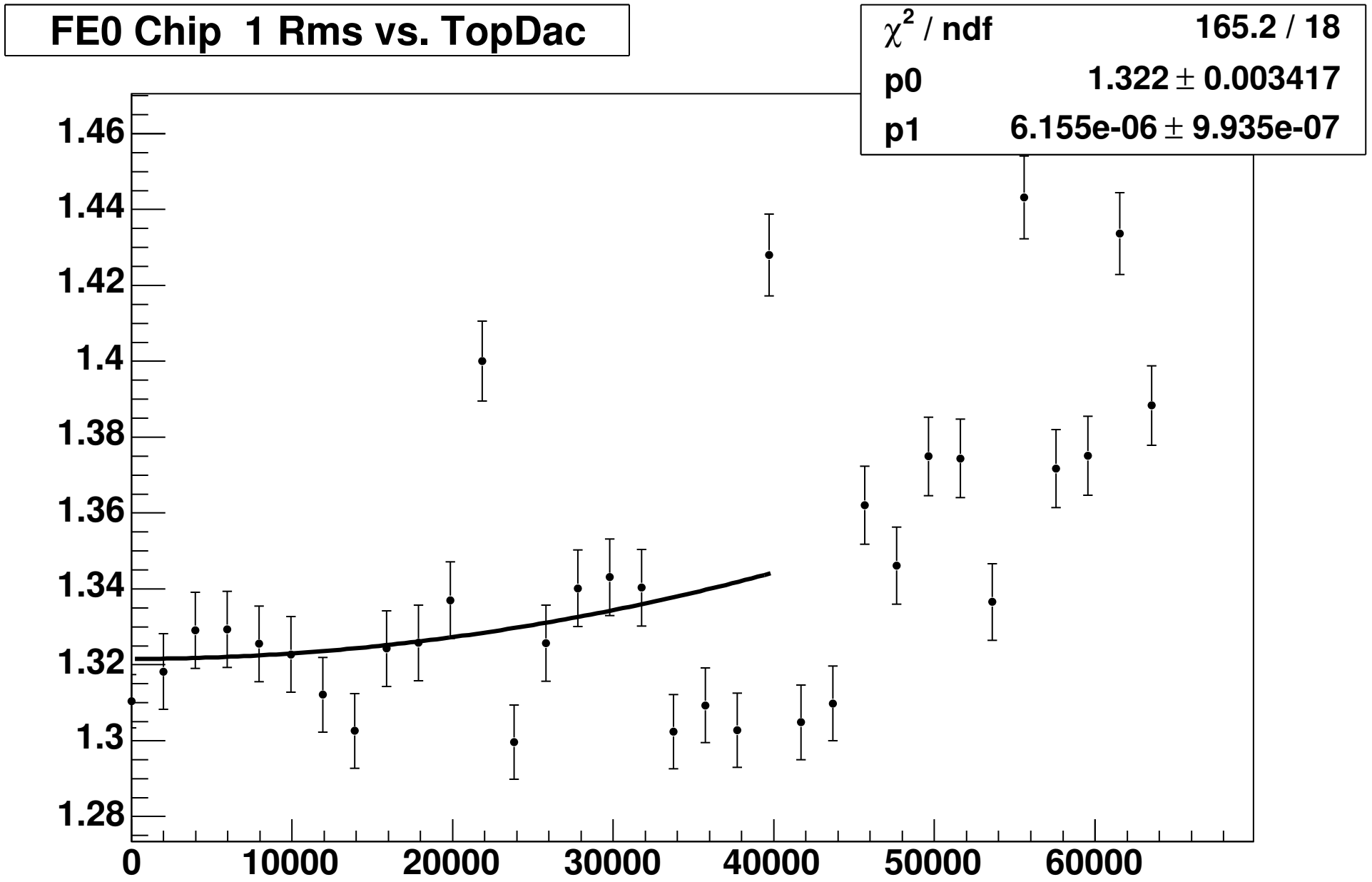
FE0 Chip 1 Rms vs. TopDac
χ² / ndf 165.2 / 18
p0 1.322 ± 0.003417
p1 6.155e-06 ± 9.935e-07
1.46
1.44
1.42
1.4
1.38
1.36
1.34
1.32
1.3
1.28
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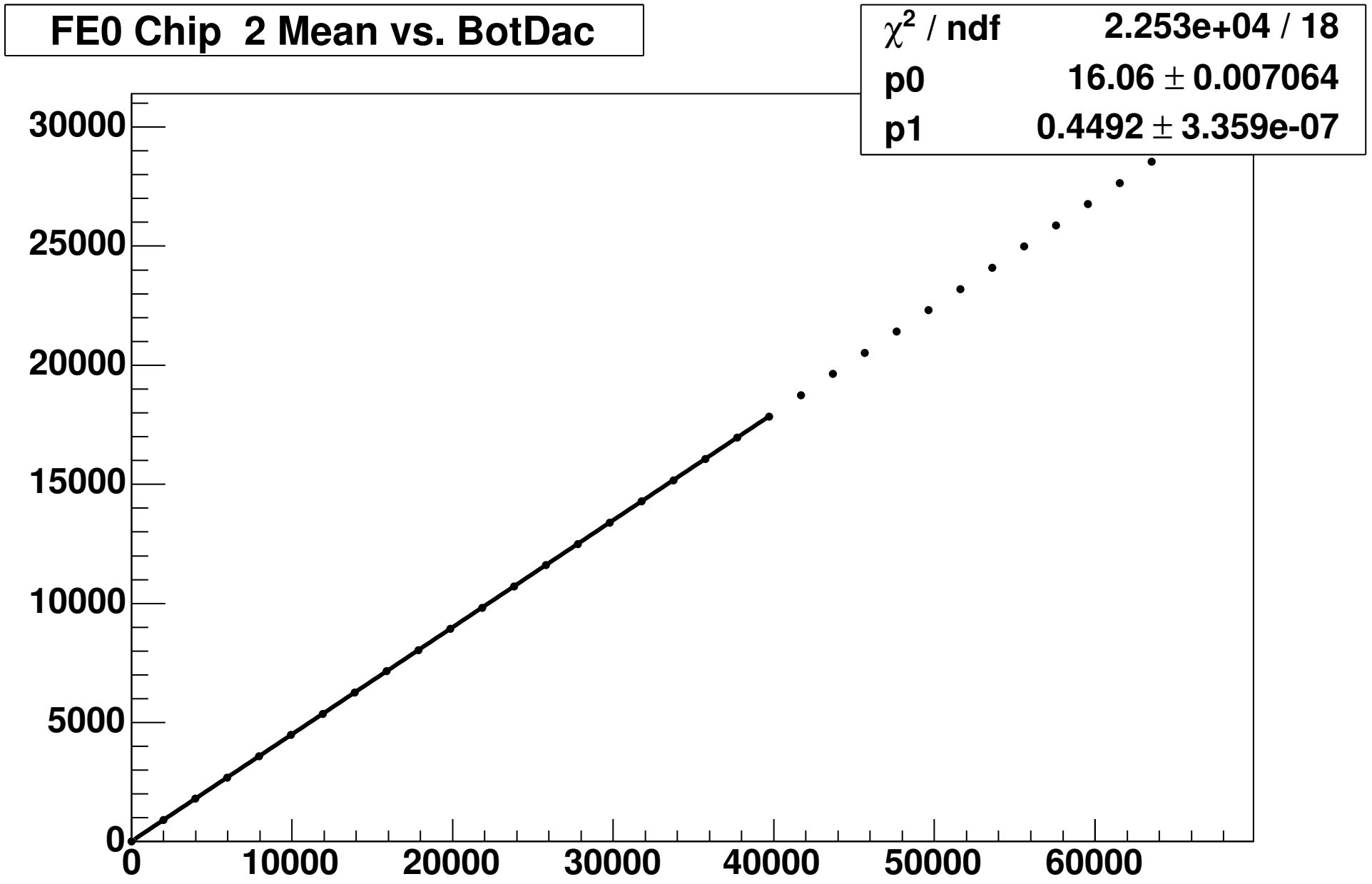
FE0 Chip 2 Mean vs. BotDac
χ² / ndf 2.253e+04 / 18
p0 16.06 ± 0.007064
p1 0.4492 ± 3.359e-07
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25000
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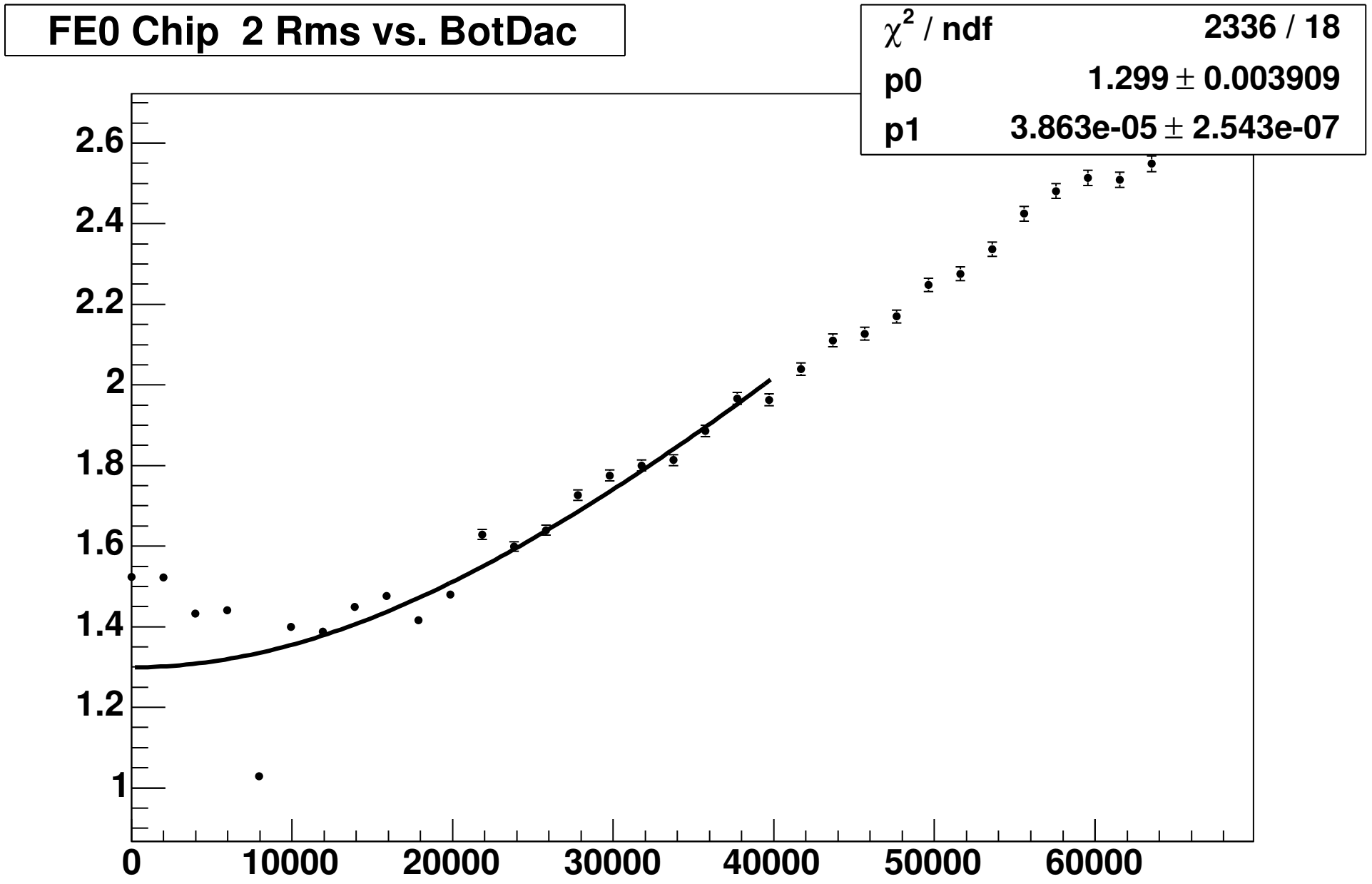
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 2 Rms vs. BotDac
χ² / ndf 2336 / 18
p0 1.299 ± 0.003909
p1 3.863e-05 ± 2.543e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
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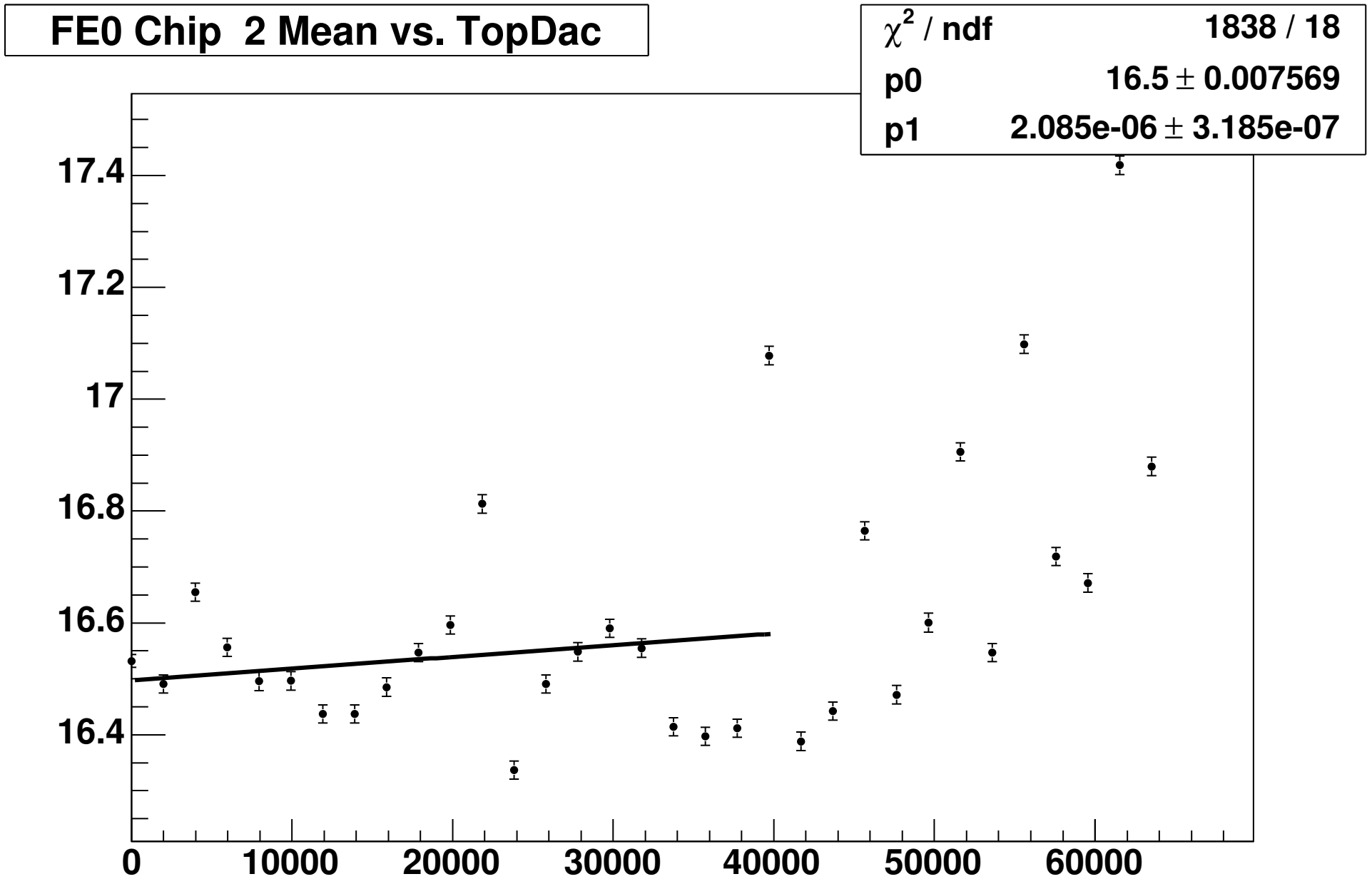
FE0 Chip 2 Mean vs. TopDac
χ² / ndf 1838 / 18
p0 16.5 ± 0.007569
p1 2.085e-06 ± 3.185e-07
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17.2
17
16.8
16.6
16.4
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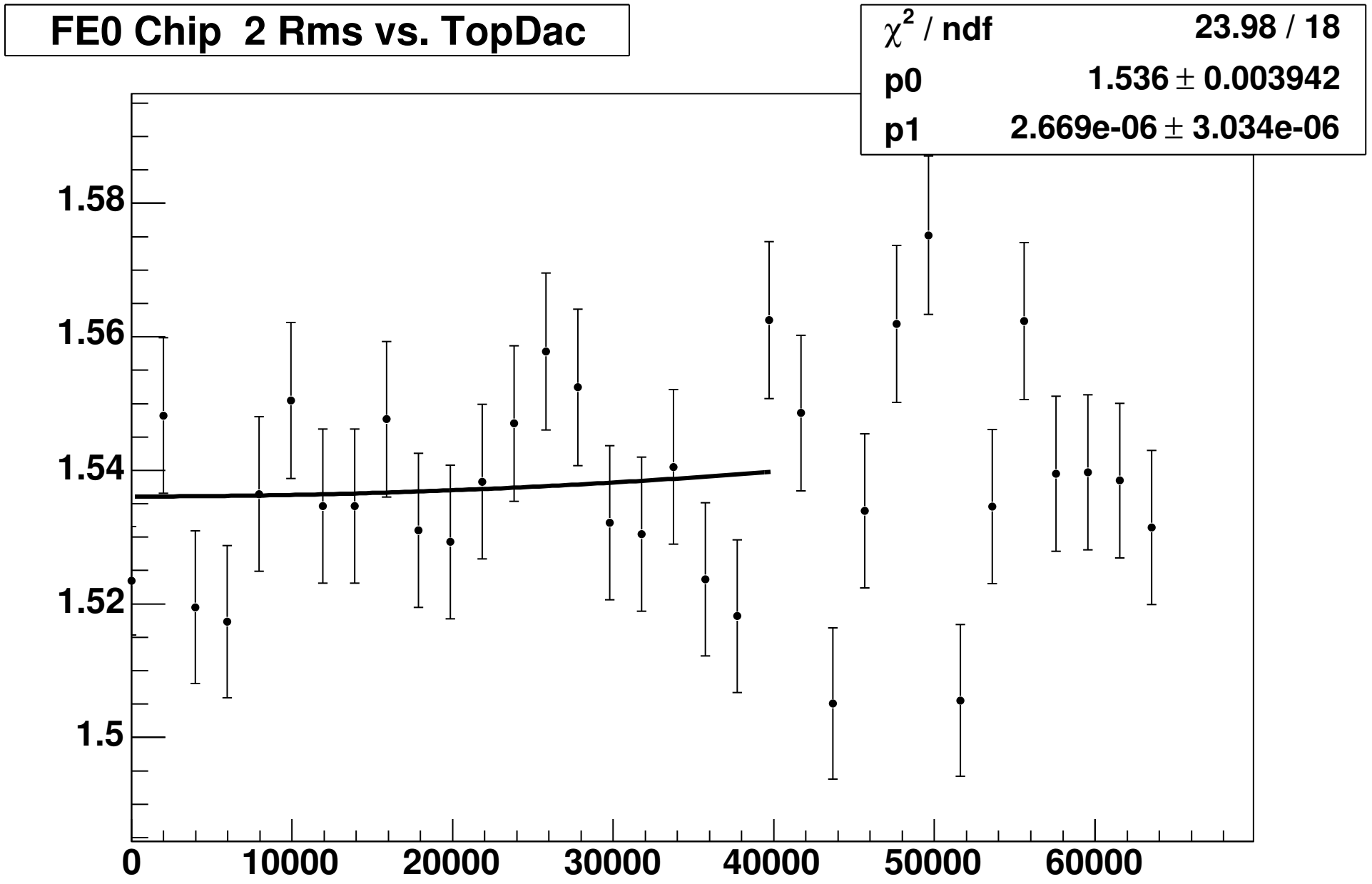
FE0 Chip 2 Rms vs. TopDac
χ² / ndf 23.98 / 18
p0 1.536 ± 0.003942
p1 2.669e-06 ± 3.034e-06
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1.56
1.54
1.52
1.5
0
10000
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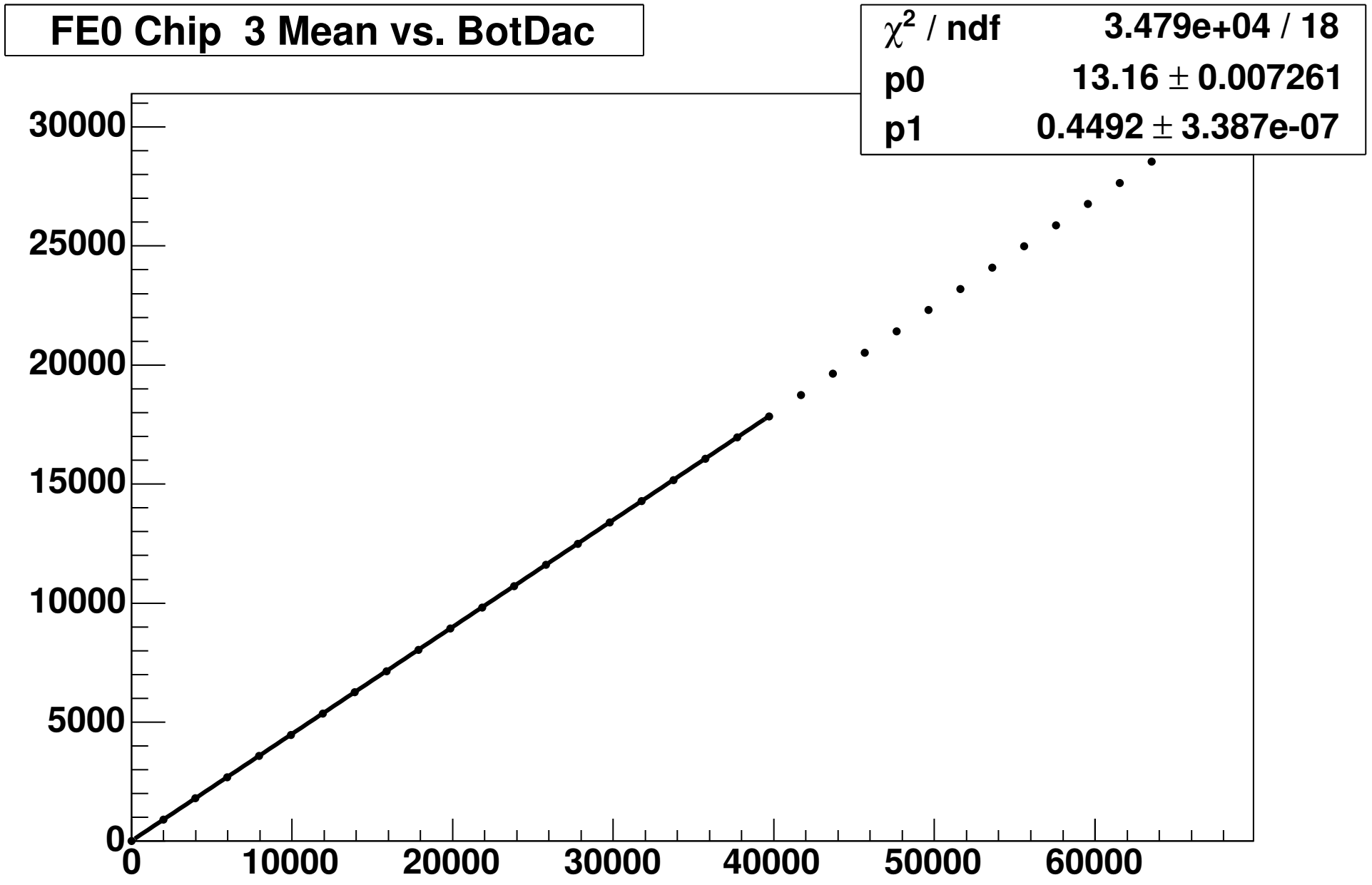
50000
60000


FE0 Chip 3 Mean vs. BotDac
χ² / ndf 3.479e+04 / 18
p0 13.16 ± 0.007261
p1 0.4492 ± 3.387e-07
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15000
10000
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0
10000
20000
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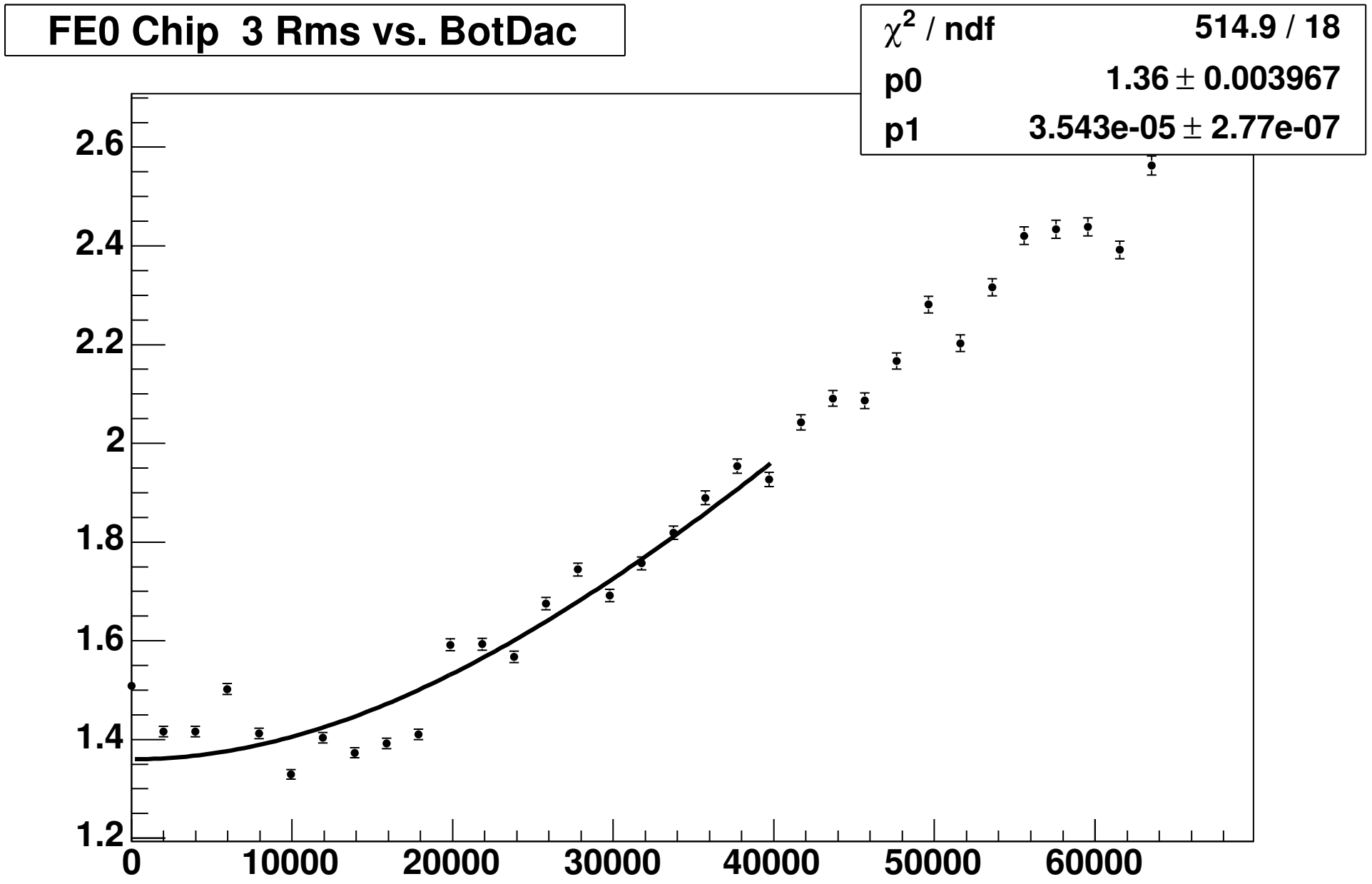
40000
50000
60000


FE0 Chip 3 Rms vs. BotDac
χ² / ndf 514.9 / 18
p0 1.36 ± 0.003967
p1 3.543e-05 ± 2.77e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
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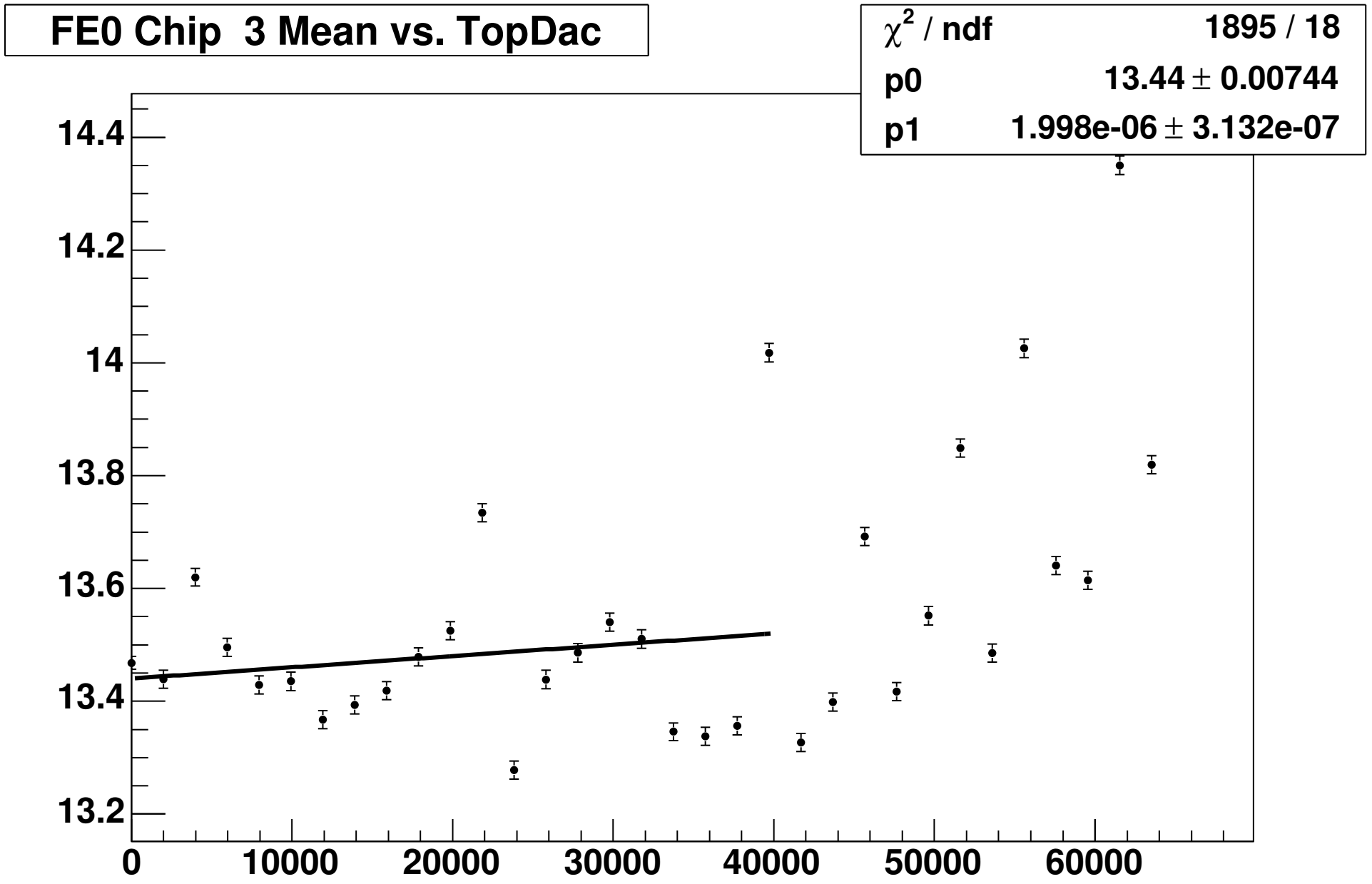
FE0 Chip 3 Mean vs. TopDac
χ² / ndf 1895 / 18
p0 13.44 ± 0.00744
p1 1.998e-06 ± 3.132e-07
14.4
14.2
14
13.8
13.6
13.4
13.2
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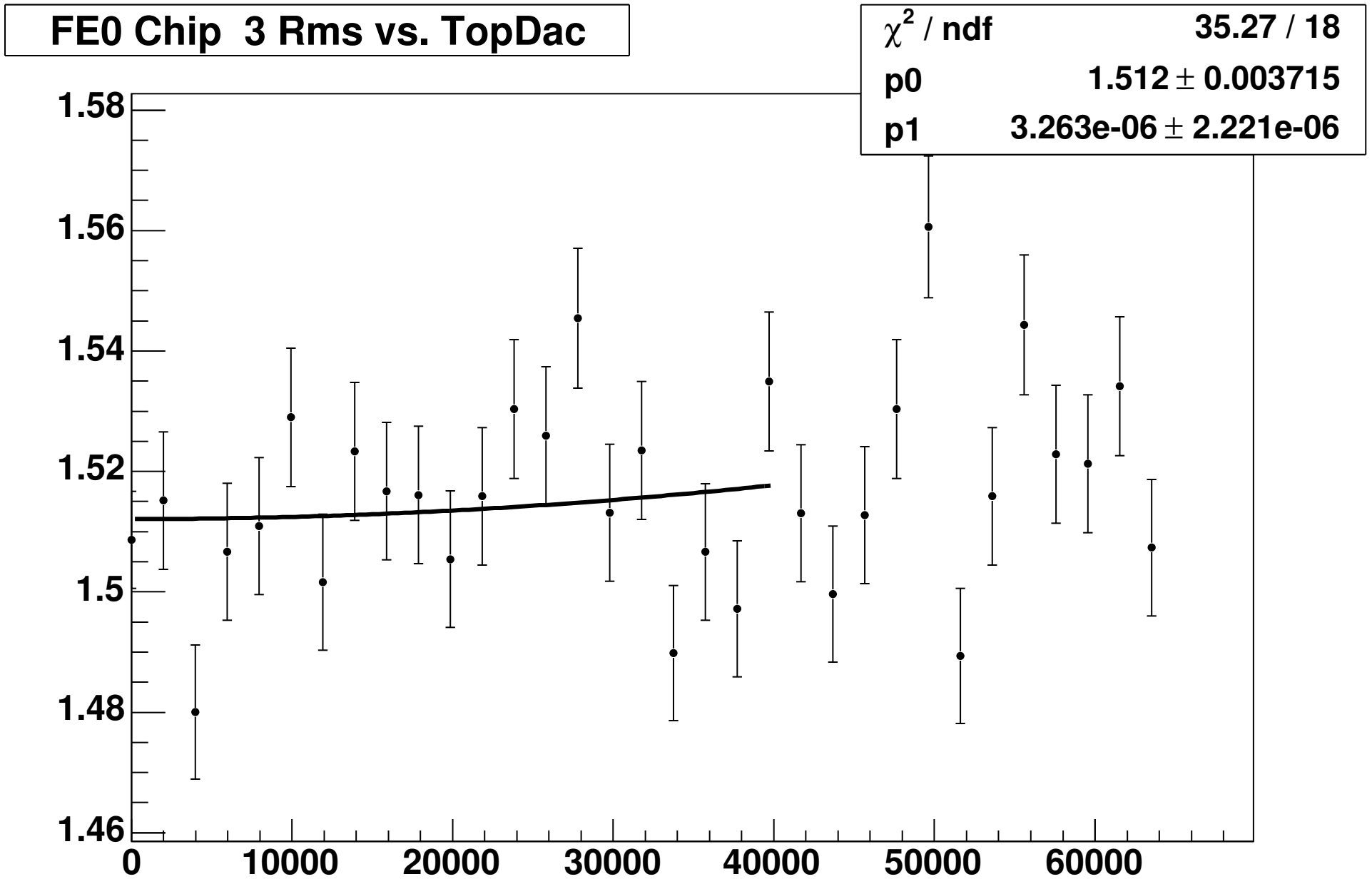
FE0 Chip 3 Rms vs. TopDac
χ² / ndf 35.27 / 18
p0 1.512 ± 0.003715
p1 3.263e-06 ± 2.221e-06
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1.56
1.54
1.52
1.5
1.48
1.46
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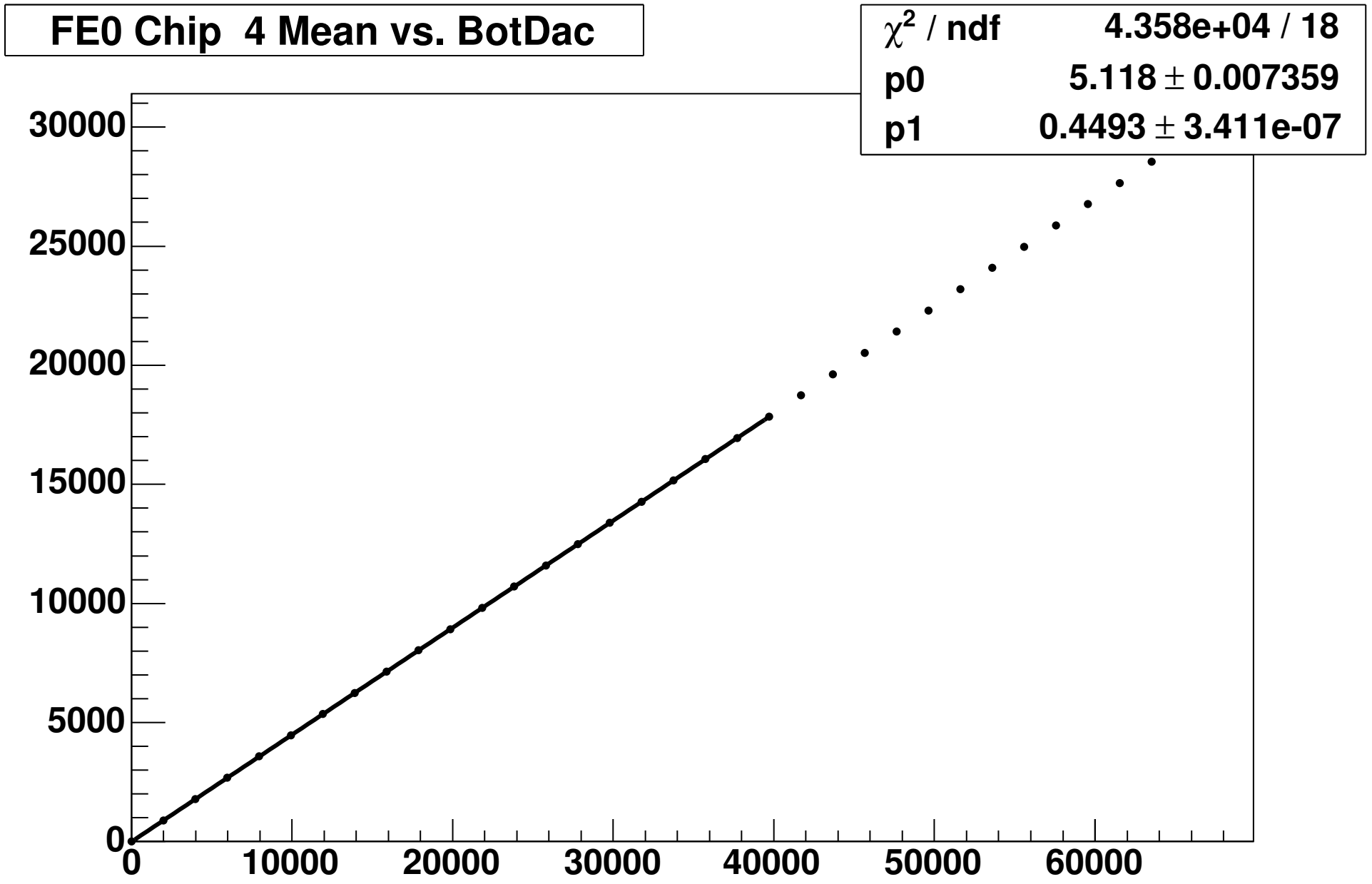
FE0 Chip 4 Mean vs. BotDac
χ² / ndf 4.358e+04 / 18
p0 5.118 ± 0.007359
p1 0.4493 ± 3.411e-07
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10000
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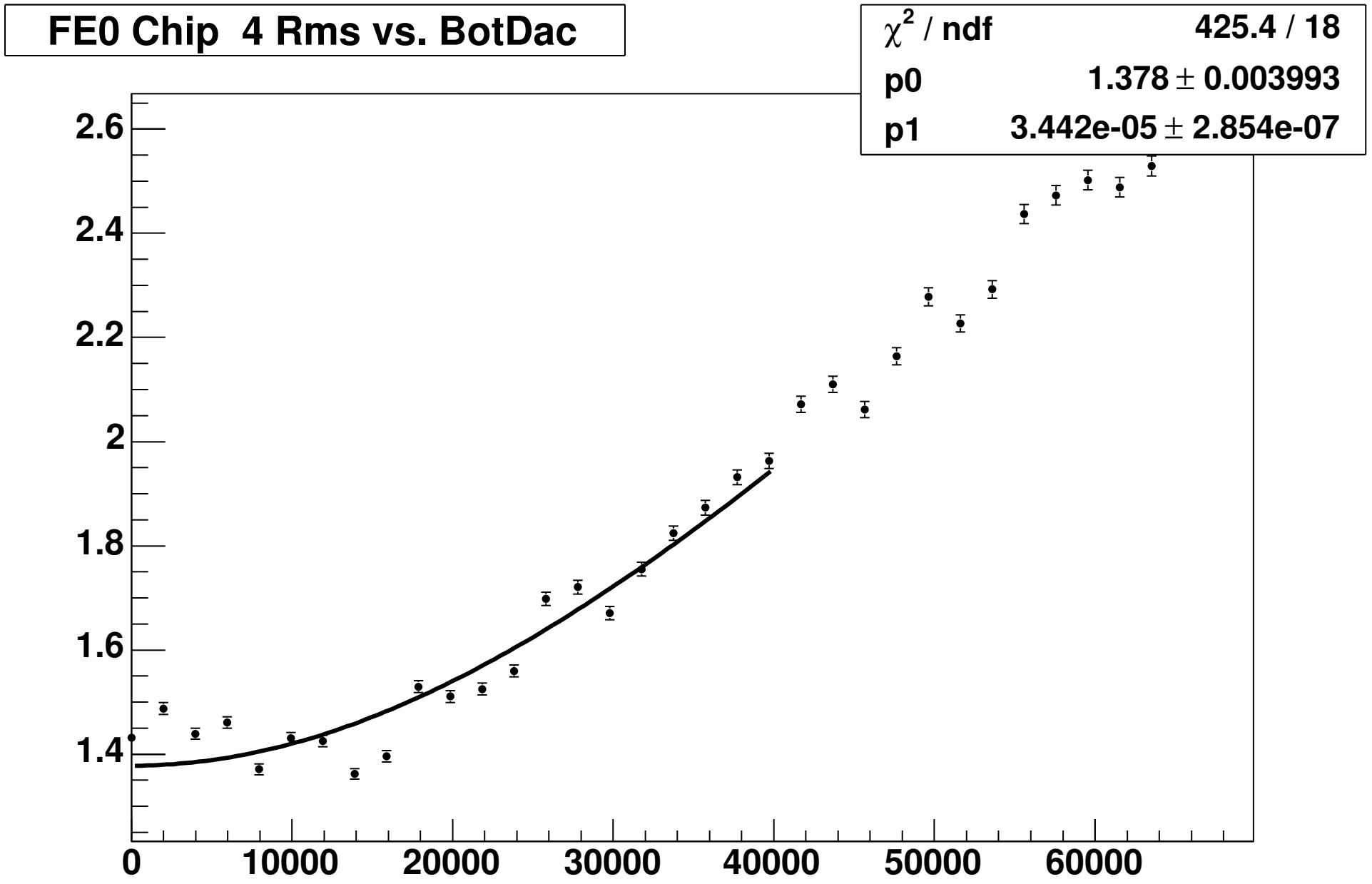
50000
60000


FE0 Chip 4 Rms vs. BotDac
χ² / ndf 425.4 / 18
p0 1.378 ± 0.003993
p1 3.442e-05 ± 2.854e-07
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2.4
2.2
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1.8
1.6
1.4
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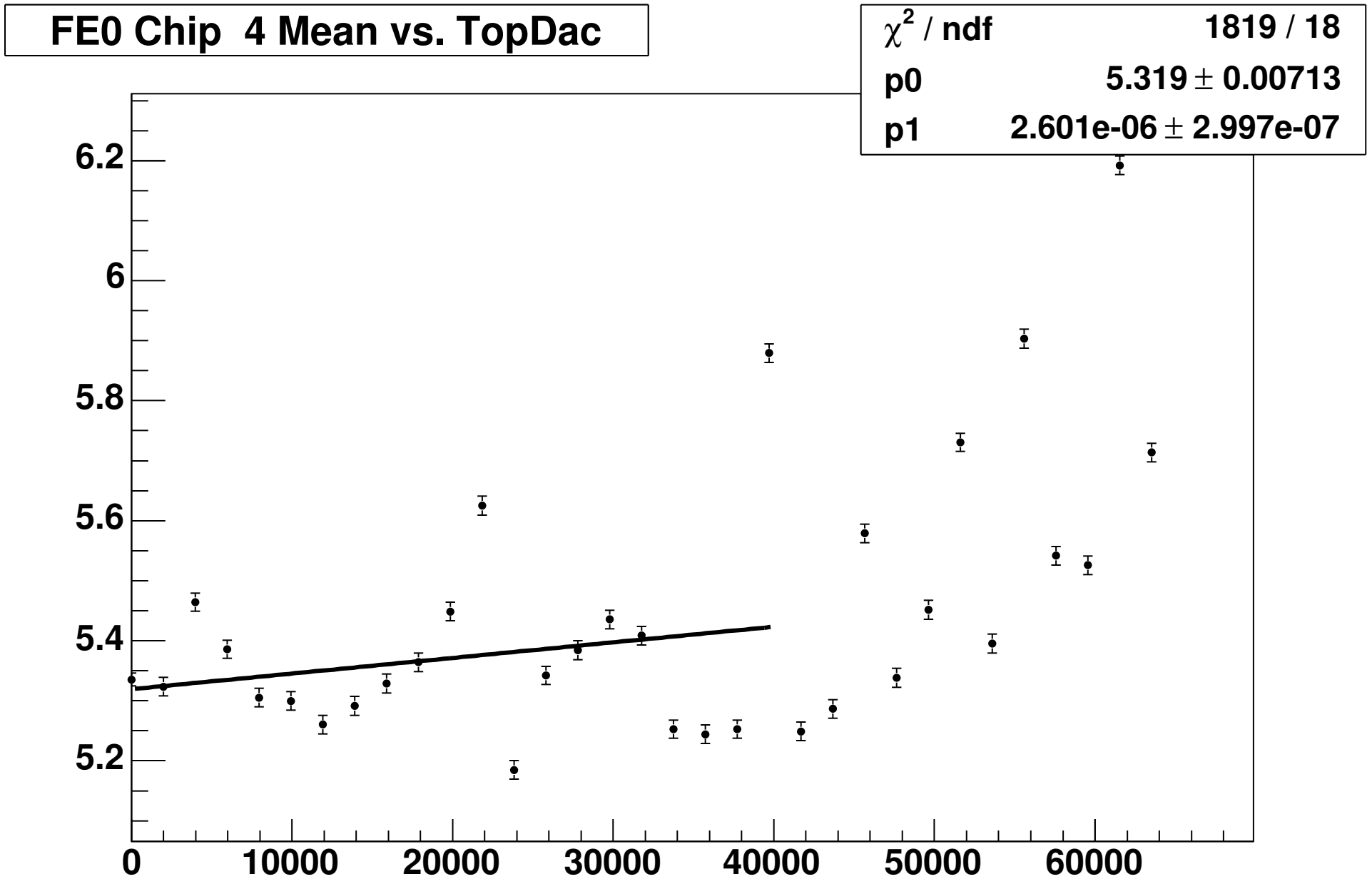
FE0 Chip 4 Mean vs. TopDac
χ² / ndf 1819 / 18
p0 5.319 ± 0.00713
p1 2.601e-06 ± 2.997e-07
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6
5.8
5.6
5.4
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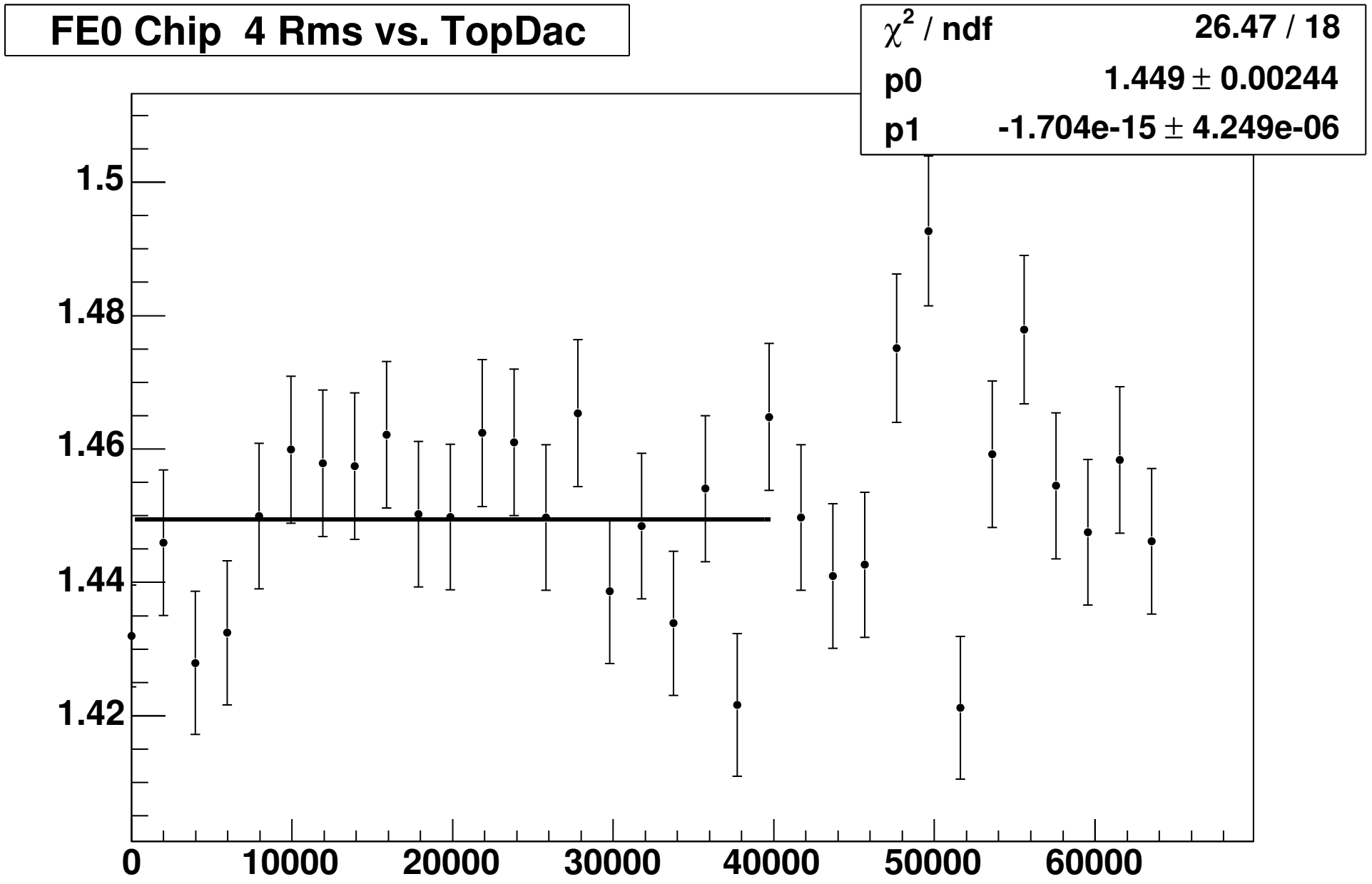
FE0 Chip 4 Rms vs. TopDac
χ² / ndf 26.47 / 18
p0 1.449 ± 0.00244
p1 -1.704e-15 ± 4.249e-06
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1.48
1.46
1.44
1.42
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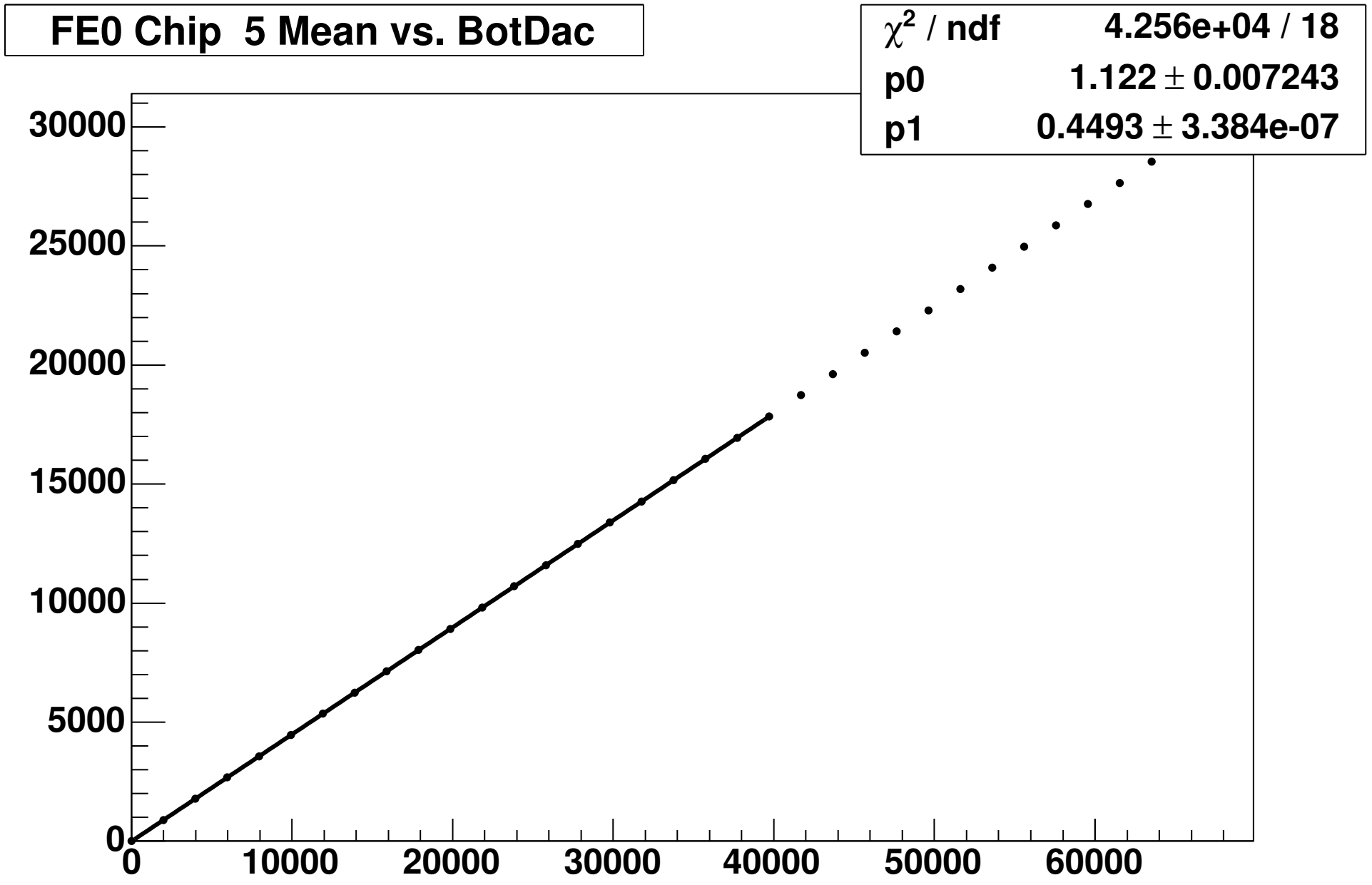
FE0 Chip 5 Mean vs. BotDac
χ² / ndf 4.256e+04 / 18
p0 1.122 ± 0.007243
p1 0.4493 ± 3.384e-07
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10000
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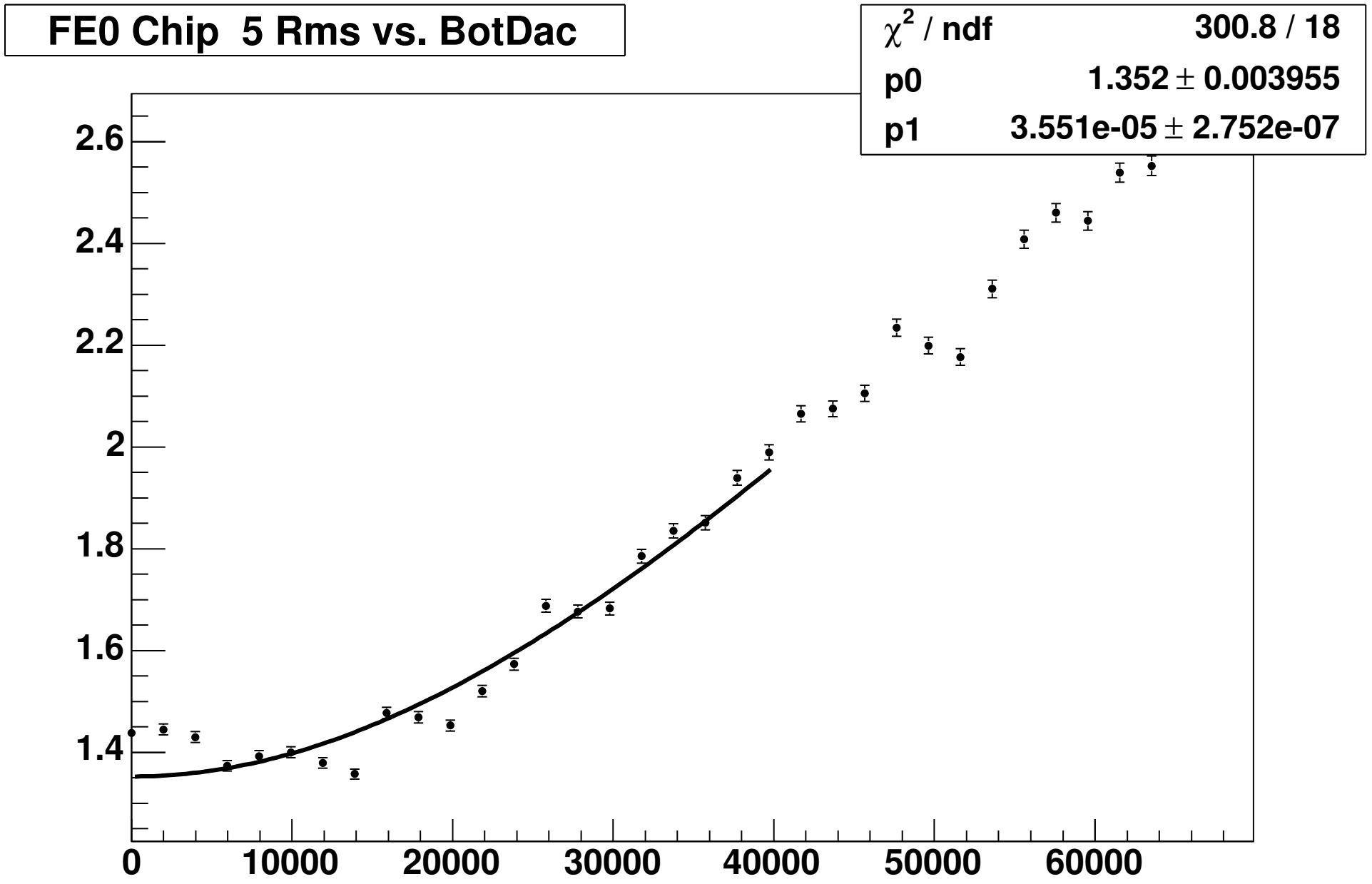
FE0 Chip 5 Rms vs. BotDac
χ² / ndf 300.8 / 18
p0 1.352 ± 0.003955
p1 3.551e-05 ± 2.752e-07
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2.4
2.2
2
1.8
1.6
1.4
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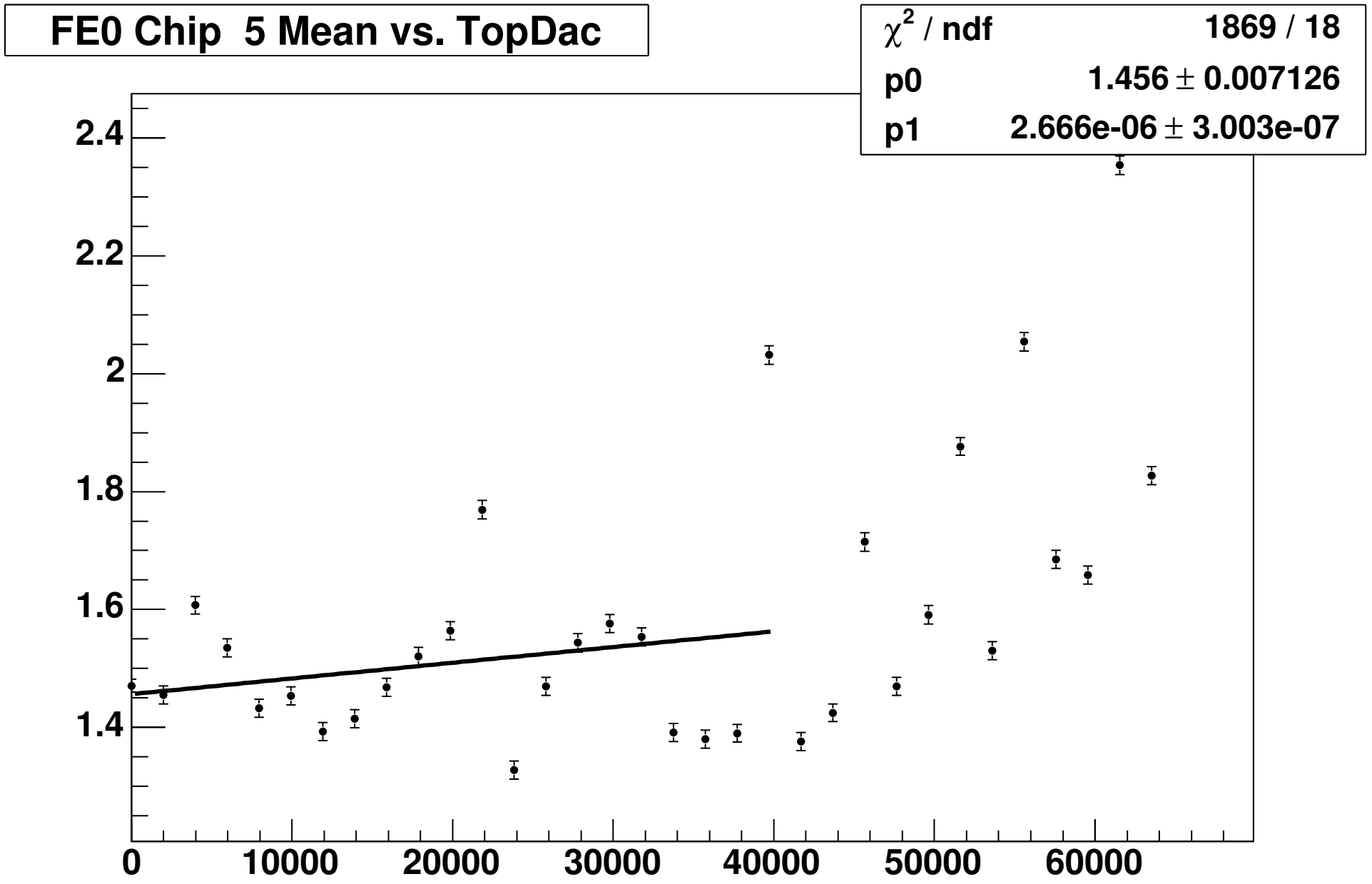
FE0 Chip 5 Mean vs. TopDac
χ² / ndf 1869 / 18
p0 1.456 ± 0.007126
p1 2.666e-06 ± 3.003e-07
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2.2
2
1.8
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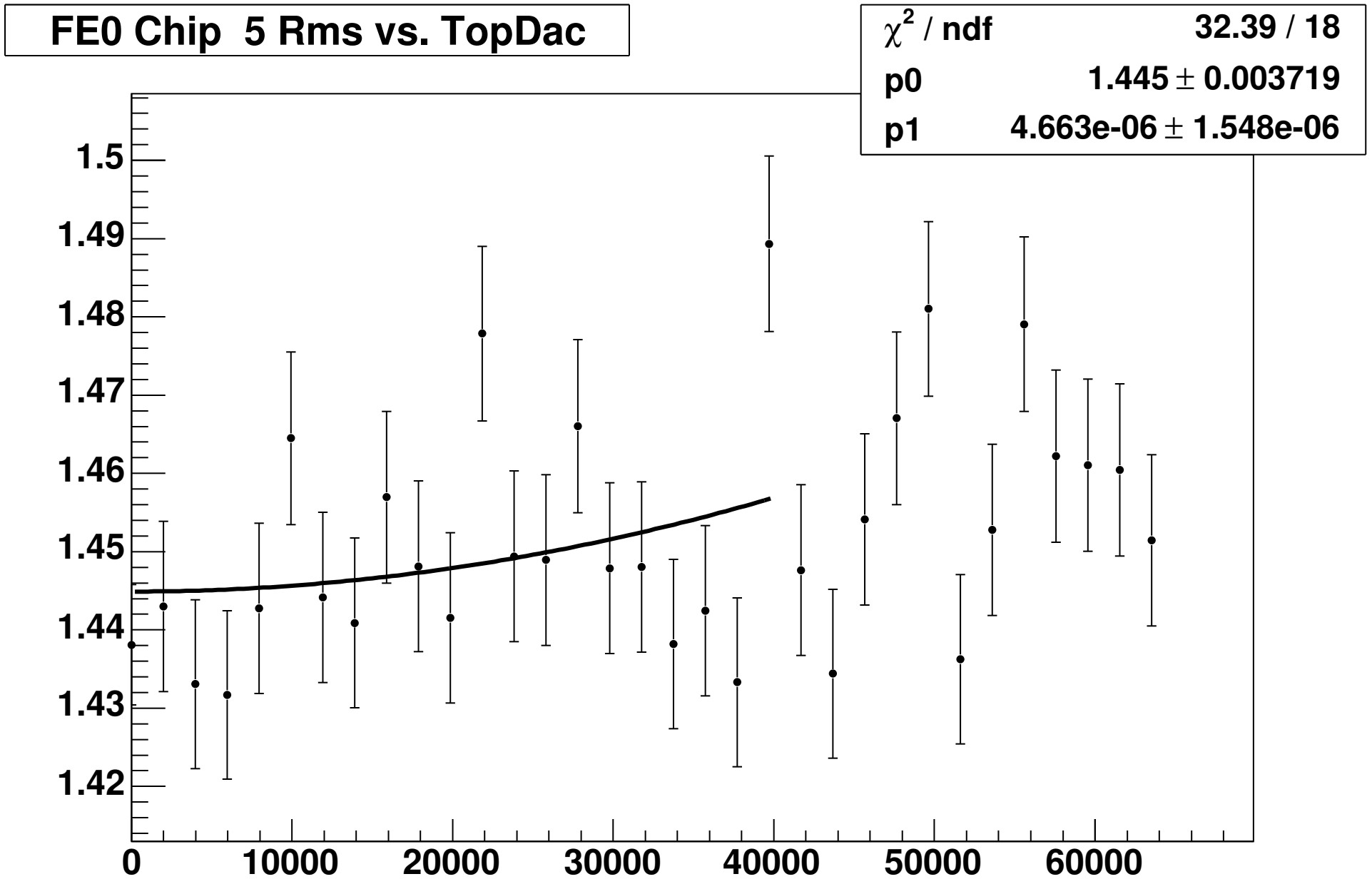
FE0 Chip 5 Rms vs. TopDac
χ² / ndf 32.39 / 18
p0 1.445 ± 0.003719
p1 4.663e-06 ± 1.548e-06
1.5
1.49
1.48
1.47
1.46
1.45
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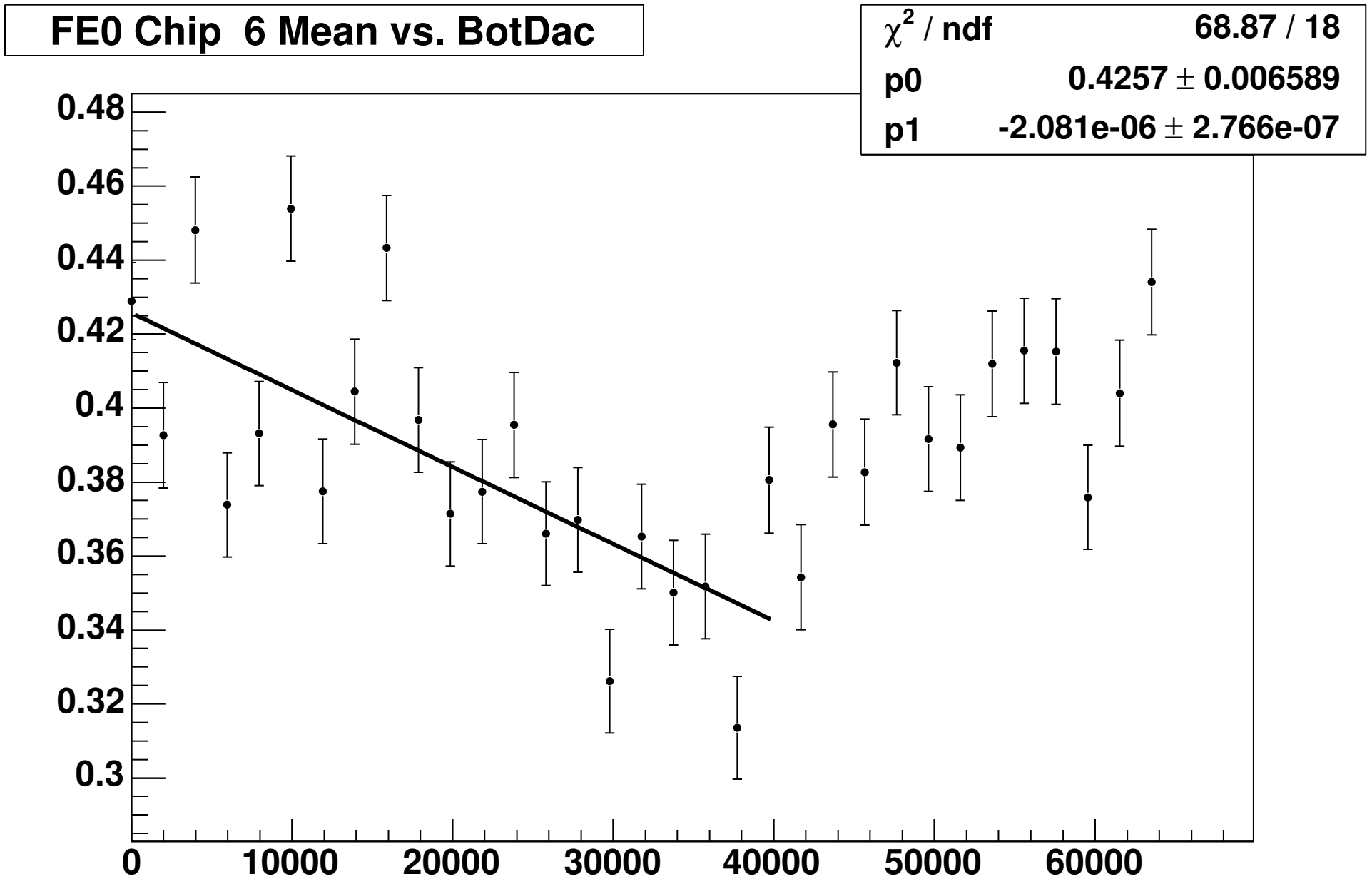
FE0 Chip 6 Mean vs. BotDac
χ² / ndf 68.87 / 18
p0 0.4257 ± 0.006589
p1 -2.081e-06 ± 2.766e-07
0.48
0.46
0.44
0.42
0.4
0.38
0.36
0.34
0.32
0.3
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10000
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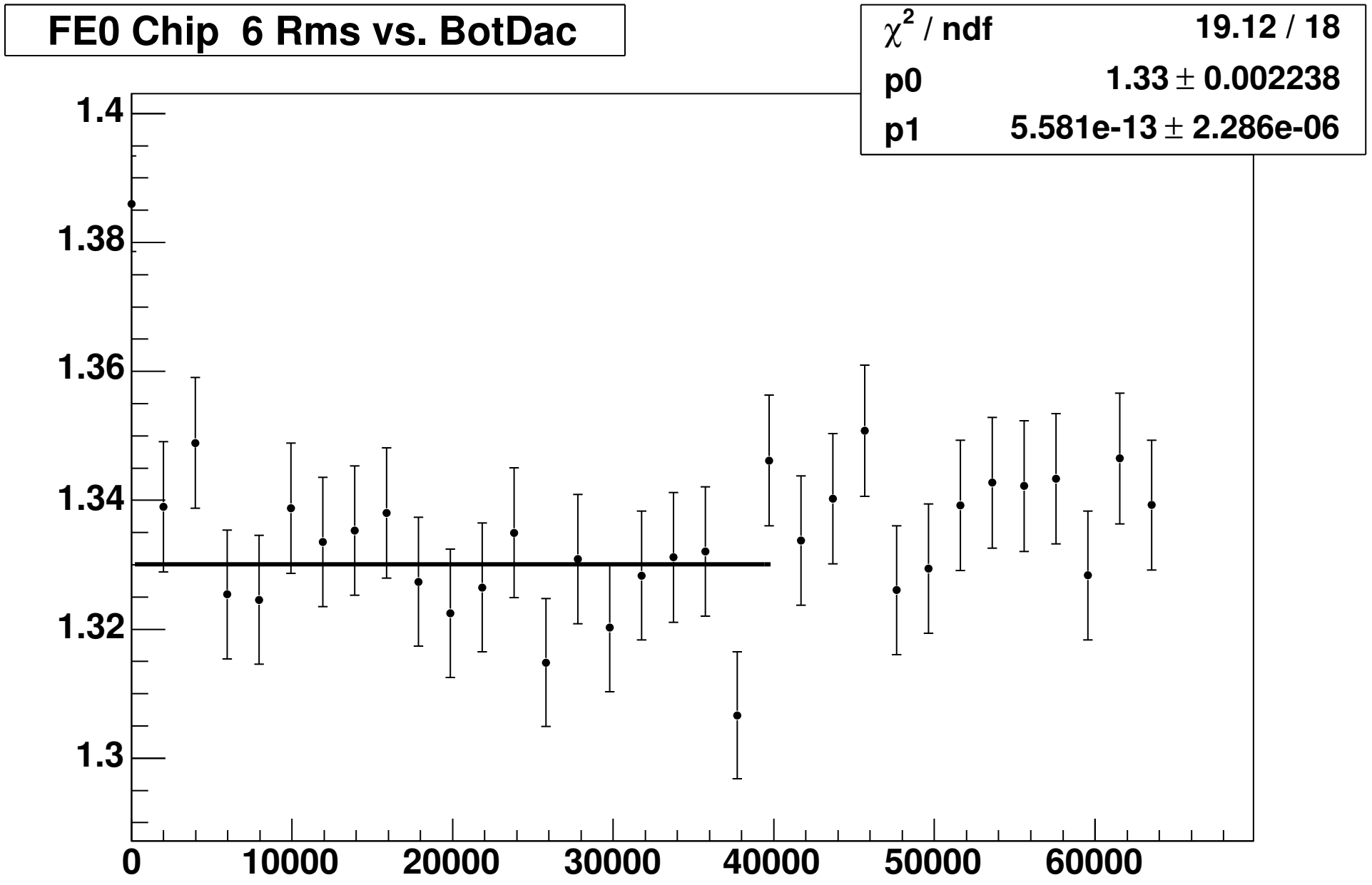
FE0 Chip 6 Rms vs. BotDac
χ² / ndf 19.12 / 18
p0 1.33 ± 0.002238
p1 5.581e-13 ± 2.286e-06
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1.38
1.36
1.34
1.32
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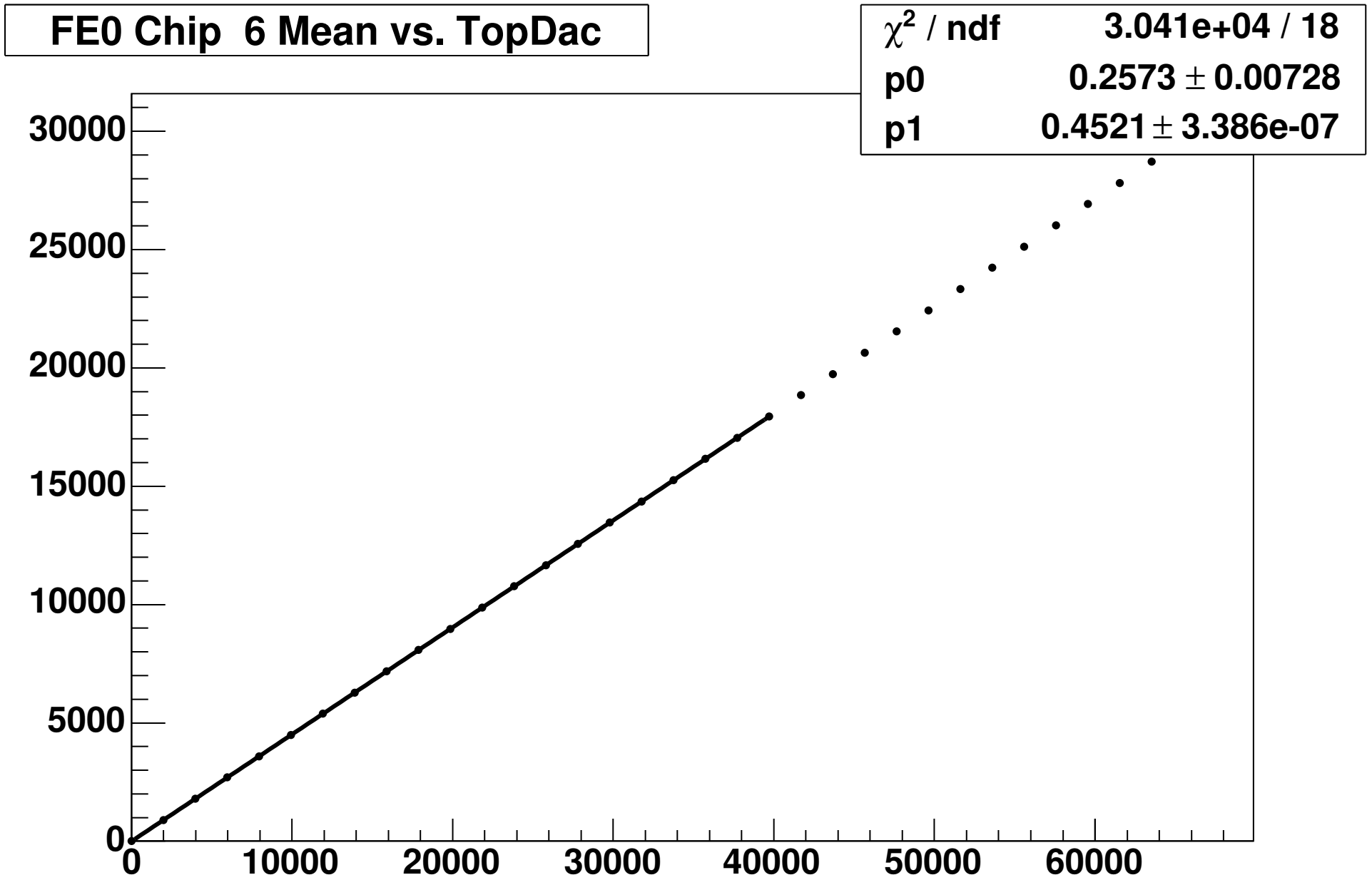
FE0 Chip 6 Mean vs. TopDac
χ² / ndf 3.041e+04 / 18
p0 0.2573 ± 0.00728
p1 0.4521 ± 3.386e-07
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10000
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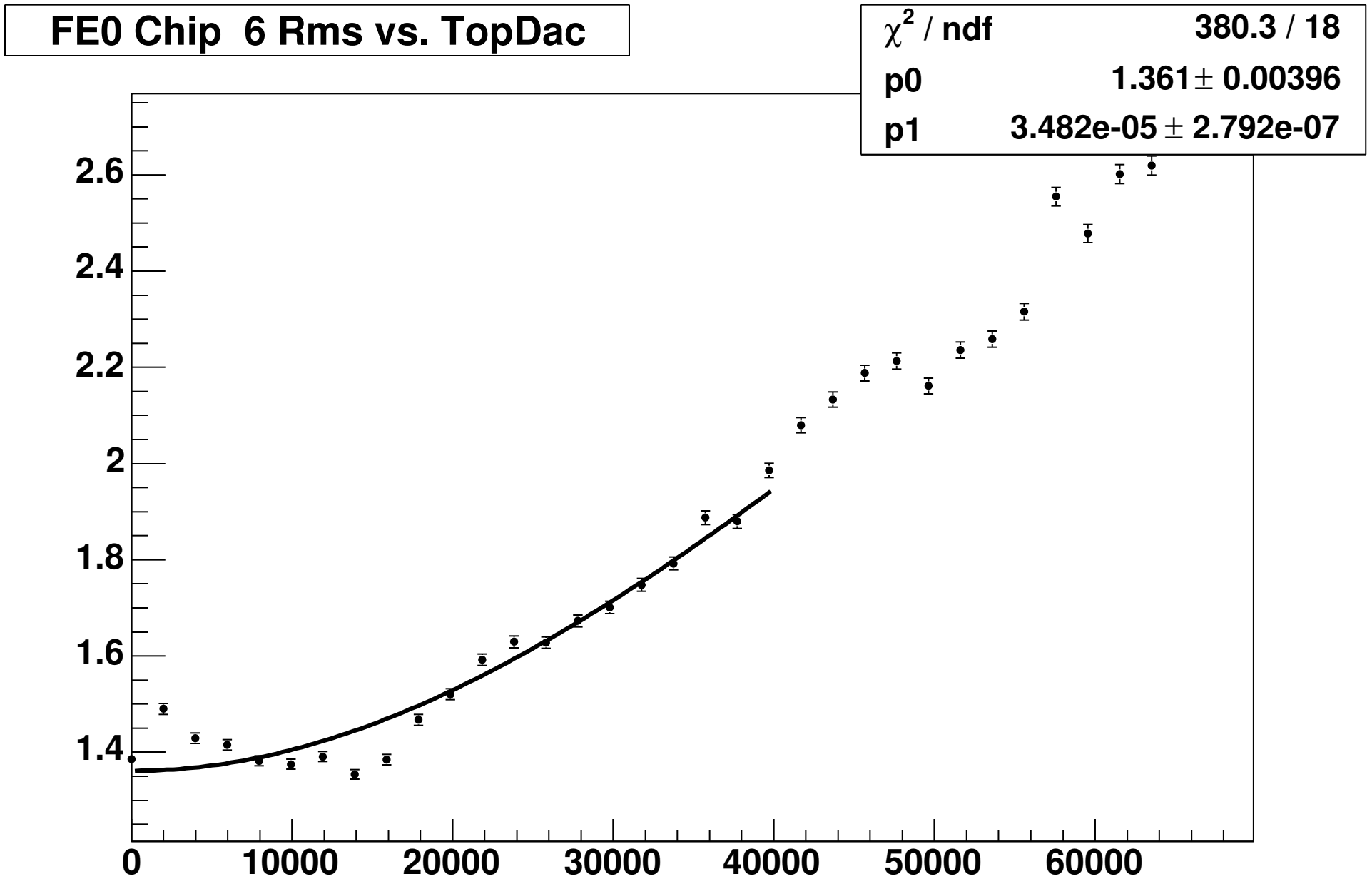
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 6 Rms vs. TopDac
χ² / ndf 380.3 / 18
p0 1.361 ± 0.00396
p1 3.482e-05 ± 2.792e-07
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2.4
2.2
2
1.8
1.6
1.4
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10000
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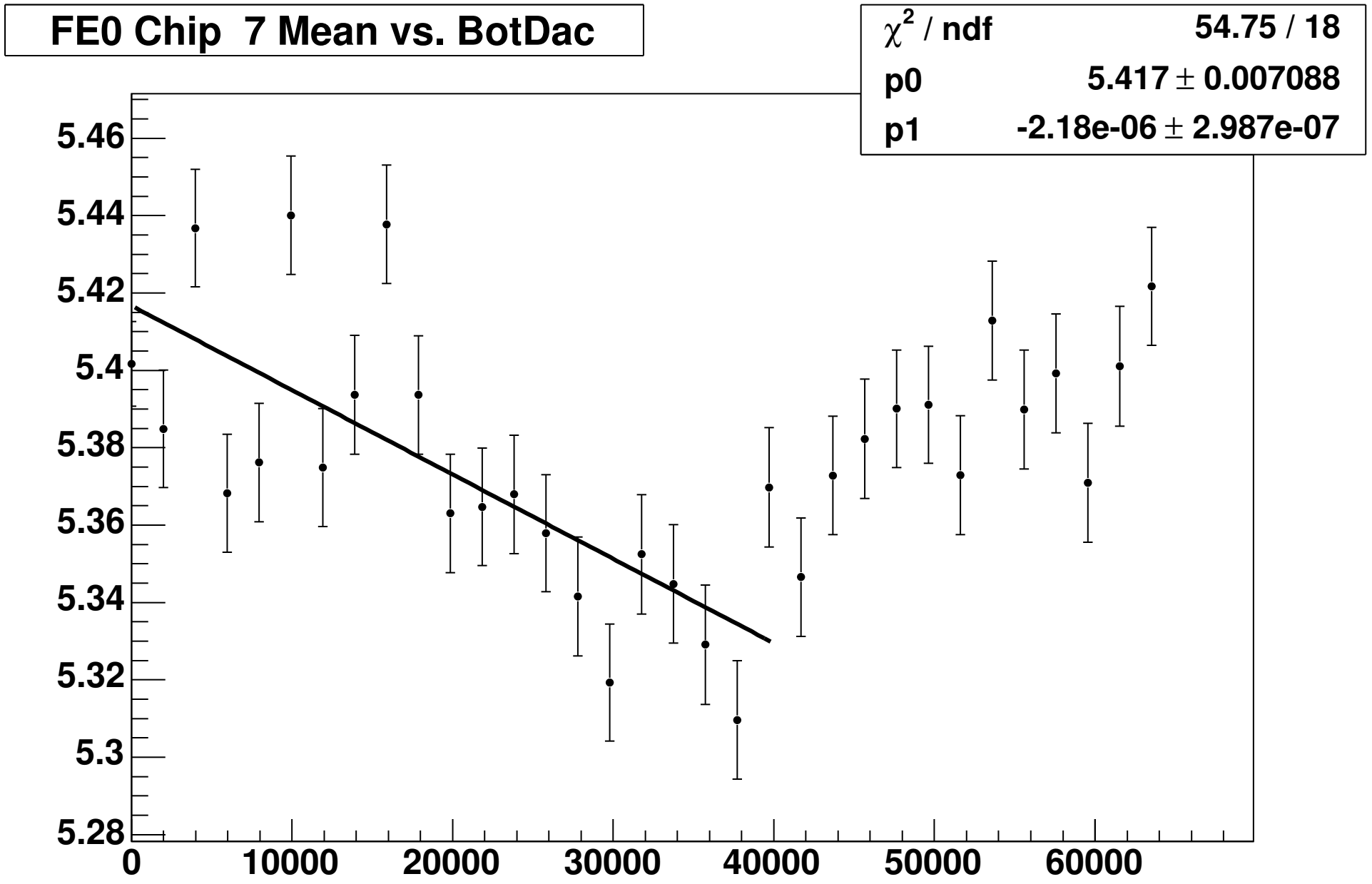
60000


FE0 Chip 7 Mean vs. BotDac
χ² / ndf 54.75 / 18
p0 5.417 ± 0.007088
p1 -2.18e-06 ± 2.987e-07
5.46
5.44
5.42
5.4
5.38
5.36
5.34
5.32
5.3
5.28
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10000
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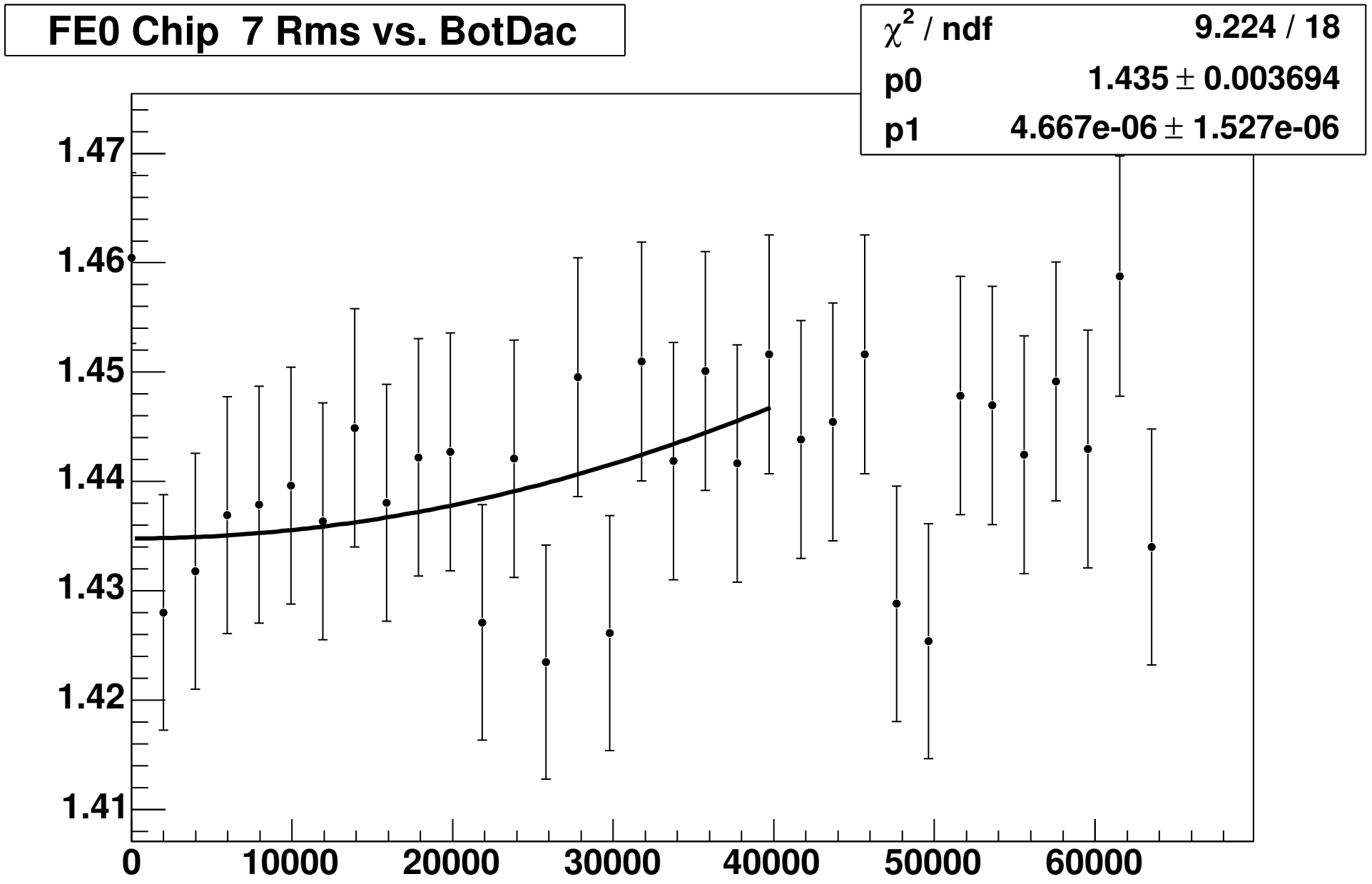
60000


FE0 Chip 7 Rms vs. BotDac
χ² / ndf 9.224 / 18
p0 1.435 ± 0.003694
p1 4.667e-06 ± 1.527e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
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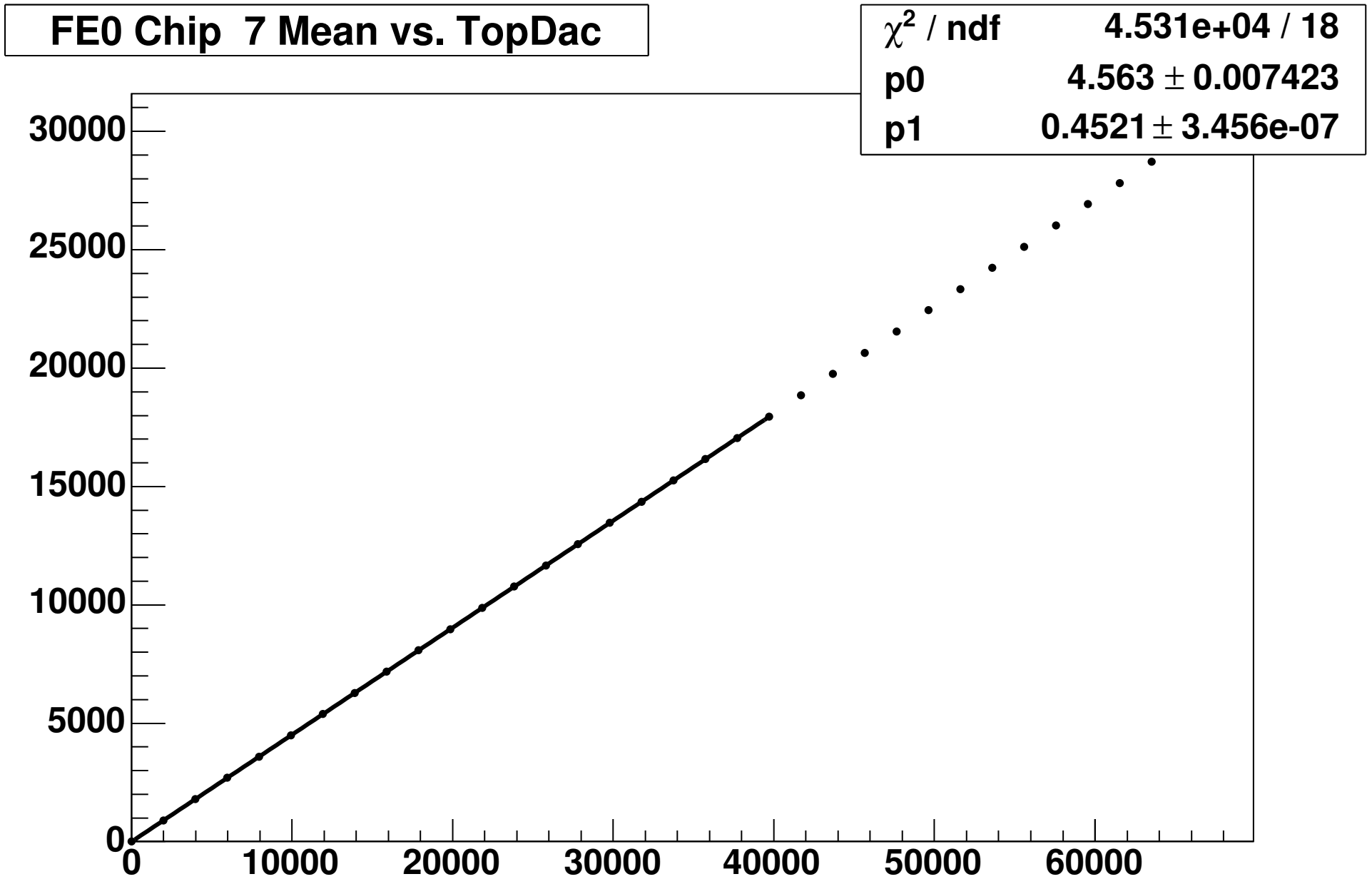
FE0 Chip 7 Mean vs. TopDac
χ² / ndf 4.531e+04 / 18
p0 4.563 ± 0.007423
p1 0.4521 ± 3.456e-07
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10000
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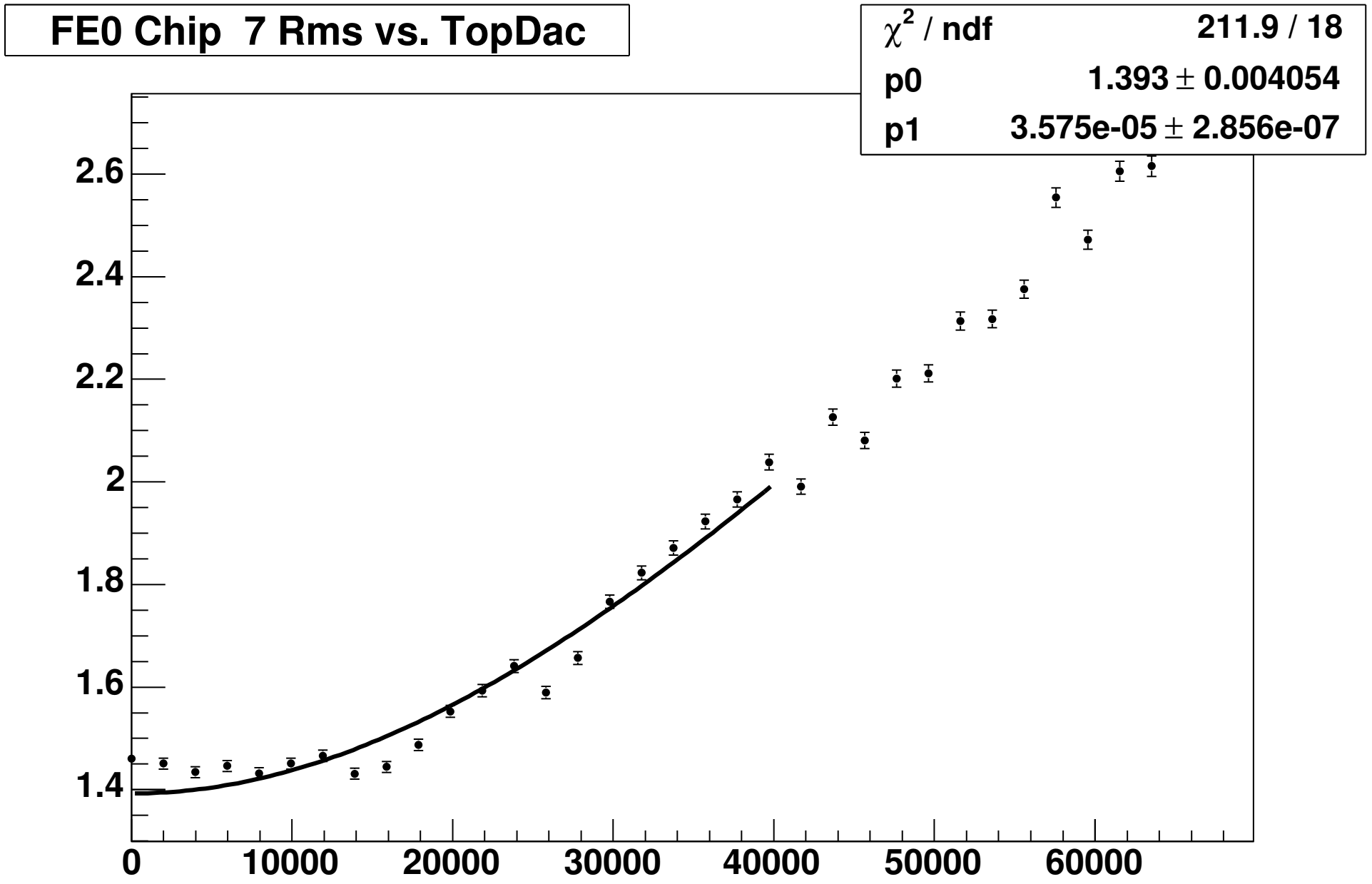
10000
20000
30000
40000
50000
60000


FE0 Chip 7 Rms vs. TopDac
χ² / ndf 211.9 / 18
p0 1.393 ± 0.004054
p1 3.575e-05 ± 2.856e-07
2.6
2.4
2.2
2
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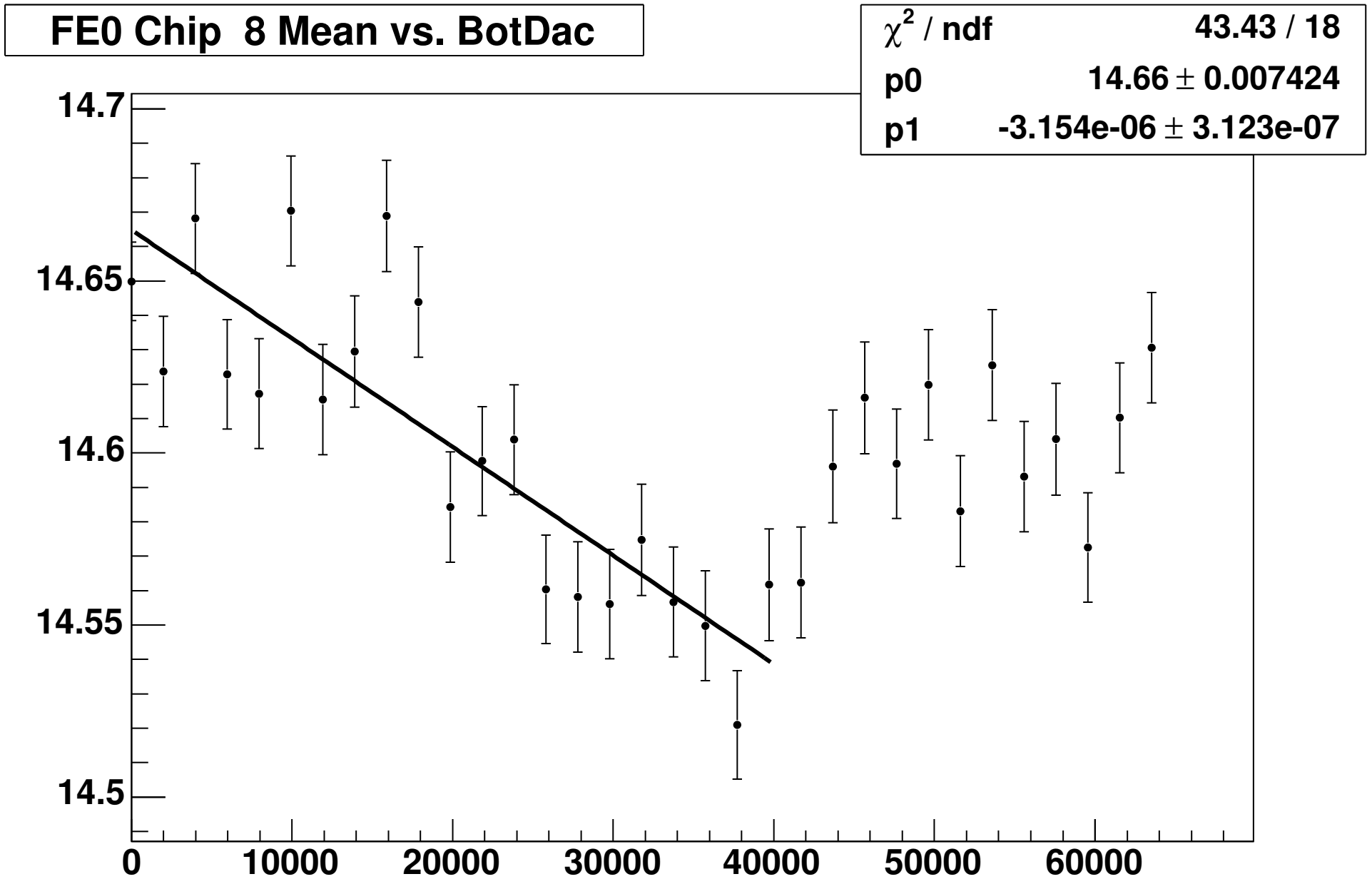
FE0 Chip 8 Mean vs. BotDac
χ^2 / ndf 43.43 / 18
p0 14.66 ± 0.007424
p1 -3.154e-06 ± 3.123e-07
14.7
14.65
14.6
14.55
14.5
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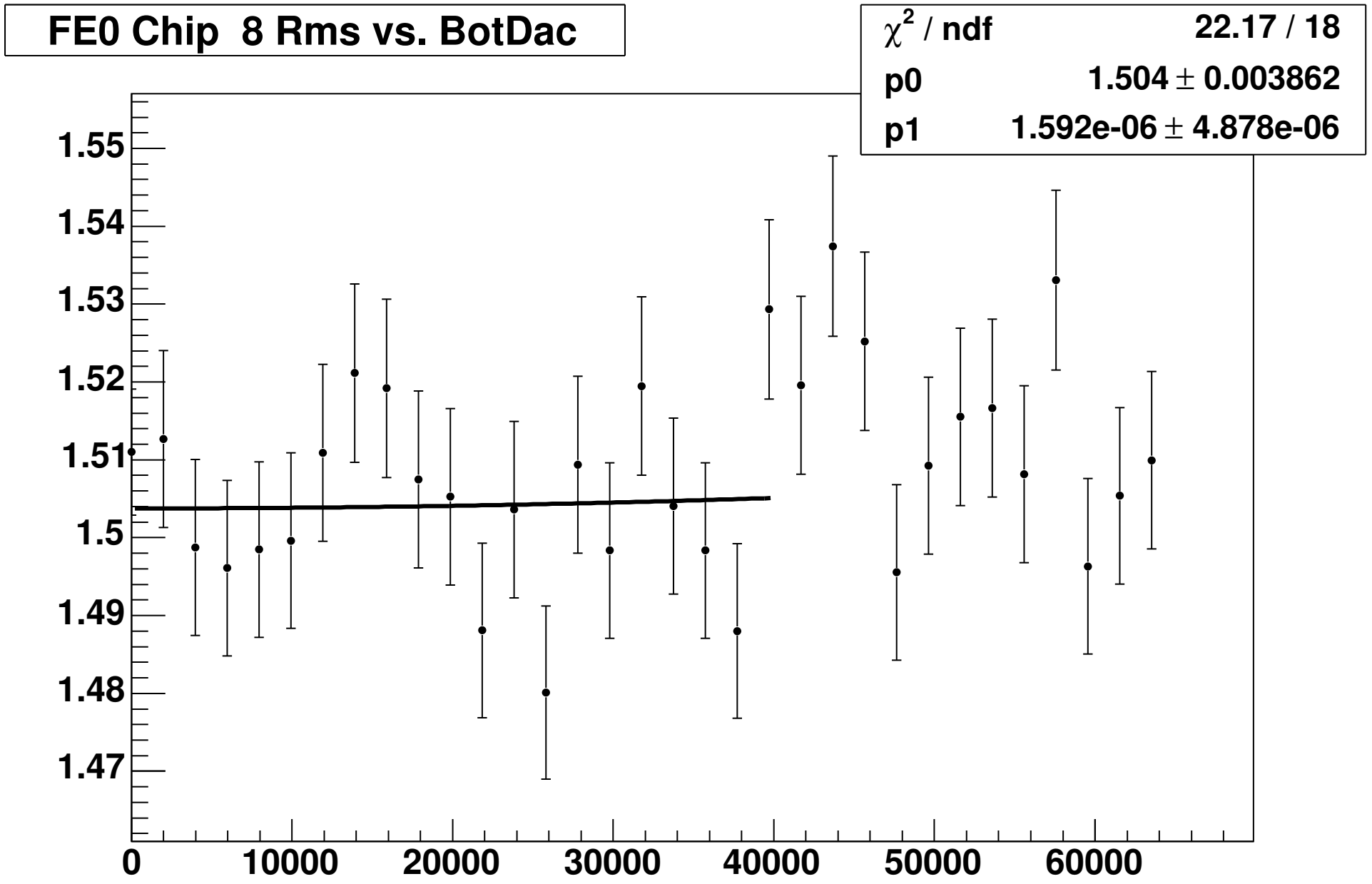
FE0 Chip 8 Rms vs. BotDac
χ² / ndf 22.17 / 18
p0 1.504 ± 0.003862
p1 1.592e-06 ± 4.878e-06
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
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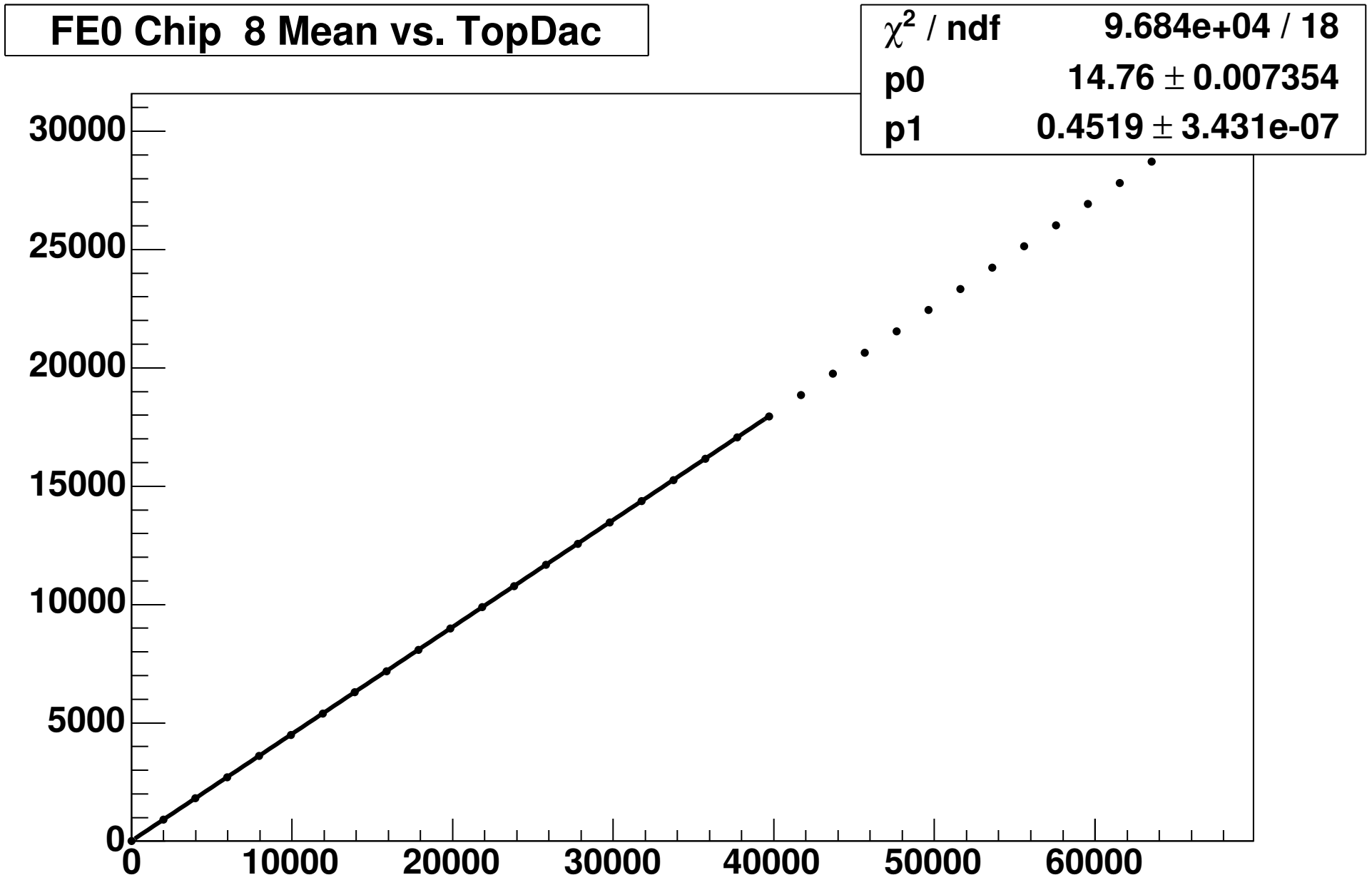
FE0 Chip 8 Mean vs. TopDac
χ² / ndf 9.684e+04 / 18
p0 14.76 ± 0.007354
p1 0.4519 ± 3.431e-07
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10000
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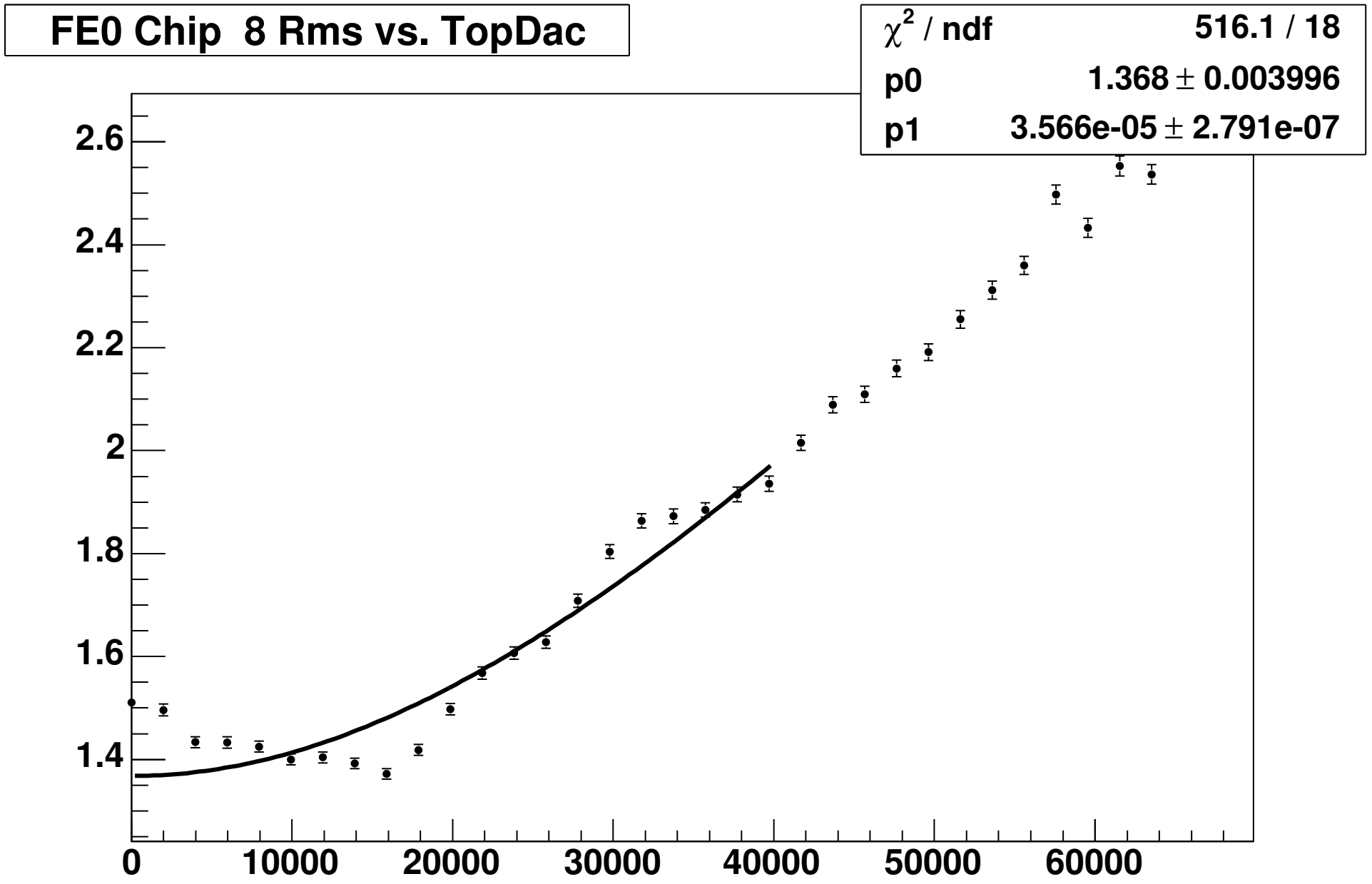
FE0 Chip 8 Rms vs. TopDac
χ² / ndf 516.1 / 18
p0 1.368 ± 0.003996
p1 3.566e-05 ± 2.791e-07
2.6
2.4
2.2
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1.8
1.6
1.4
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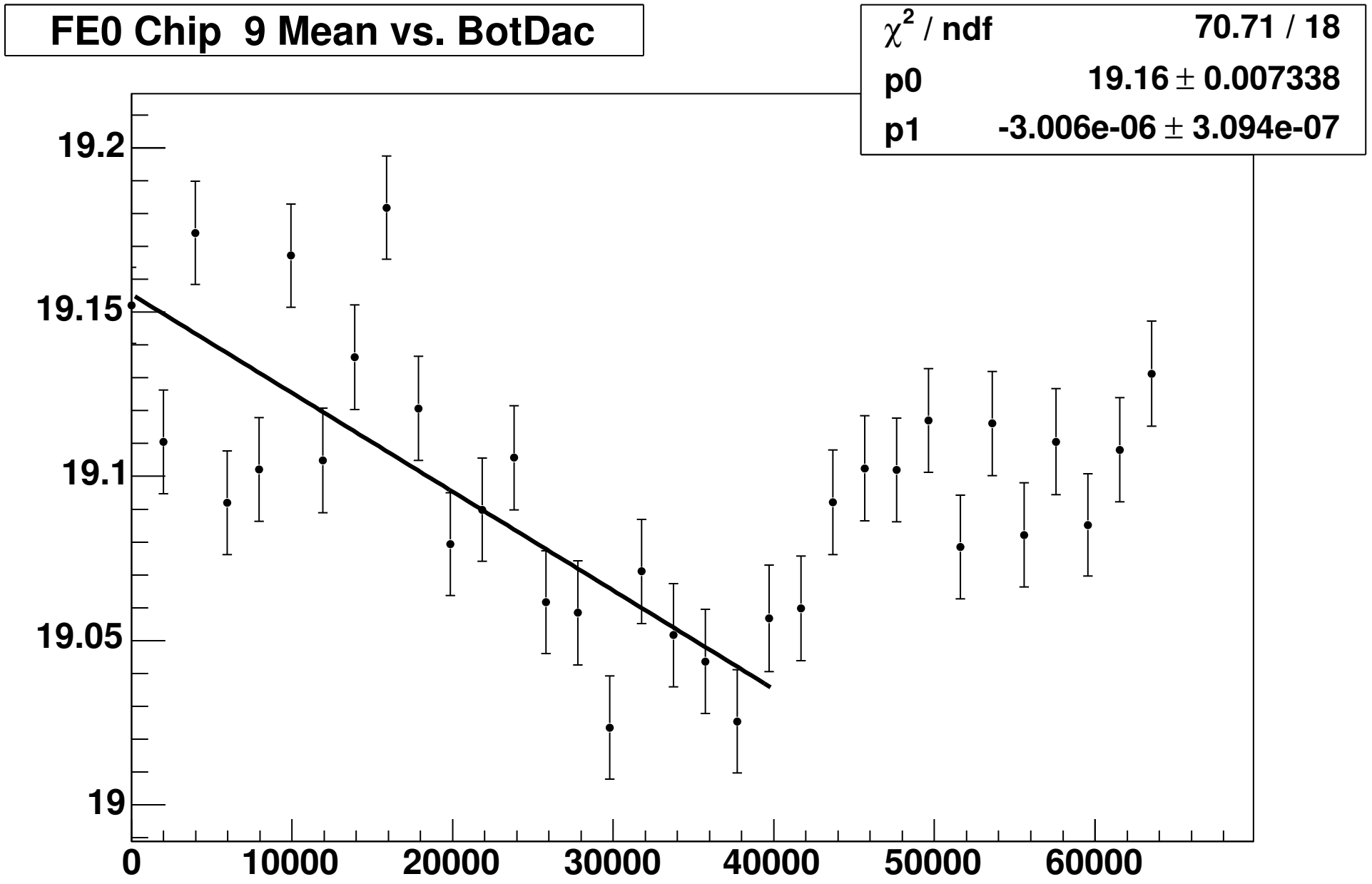
FE0 Chip 9 Mean vs. BotDac
χ² / ndf 70.71 / 18
p0 19.16 ± 0.007338
p1 -3.006e-06 ± 3.094e-07
19.2
19.15
19.1
19.05
19
0
10000
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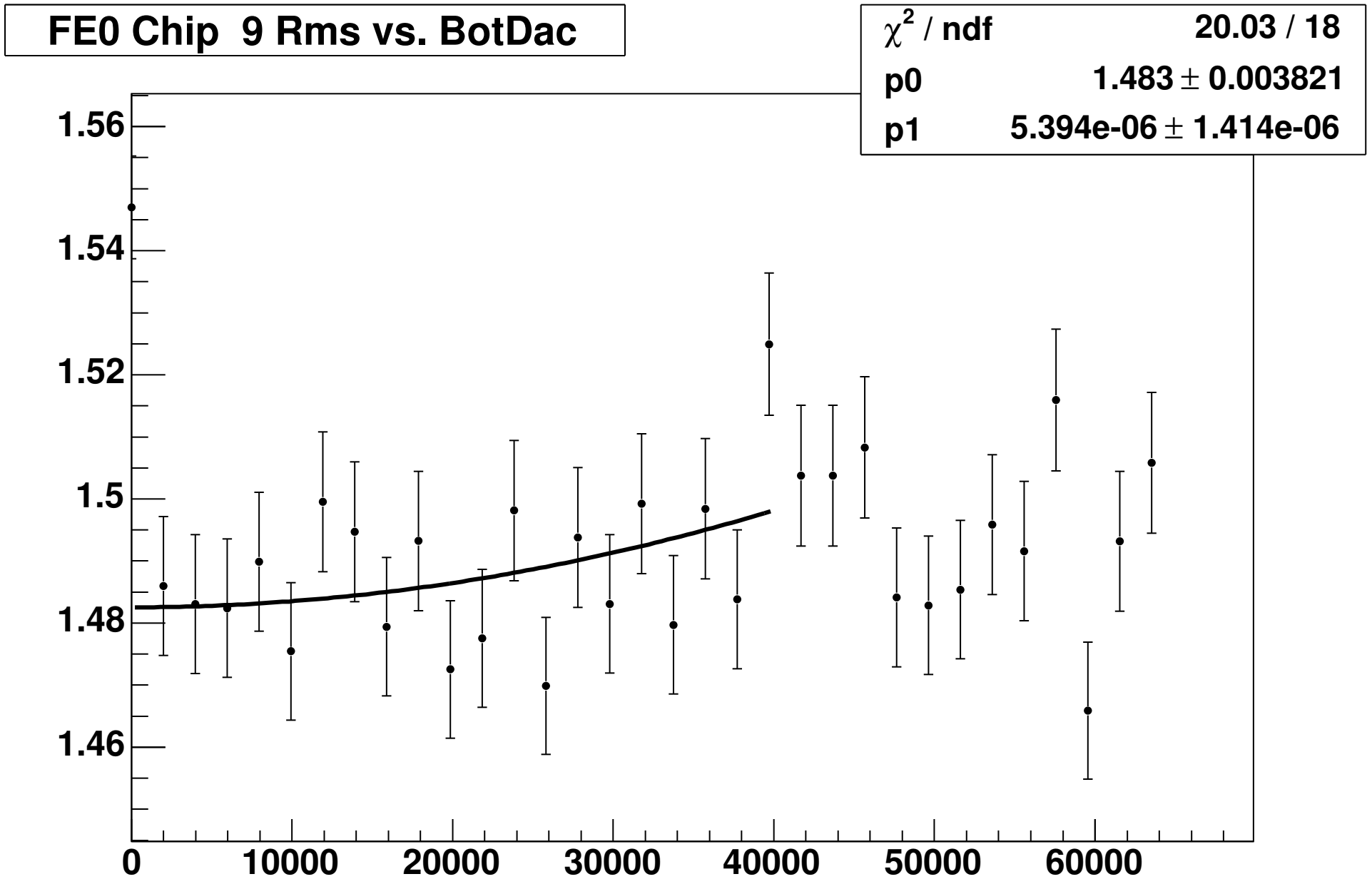
FE0 Chip 9 Rms vs. BotDac
χ² / ndf 20.03 / 18
p0 1.483 ± 0.003821
p1 5.394e-06 ± 1.414e-06
1.56
1.54
1.52
1.5
1.48
1.46
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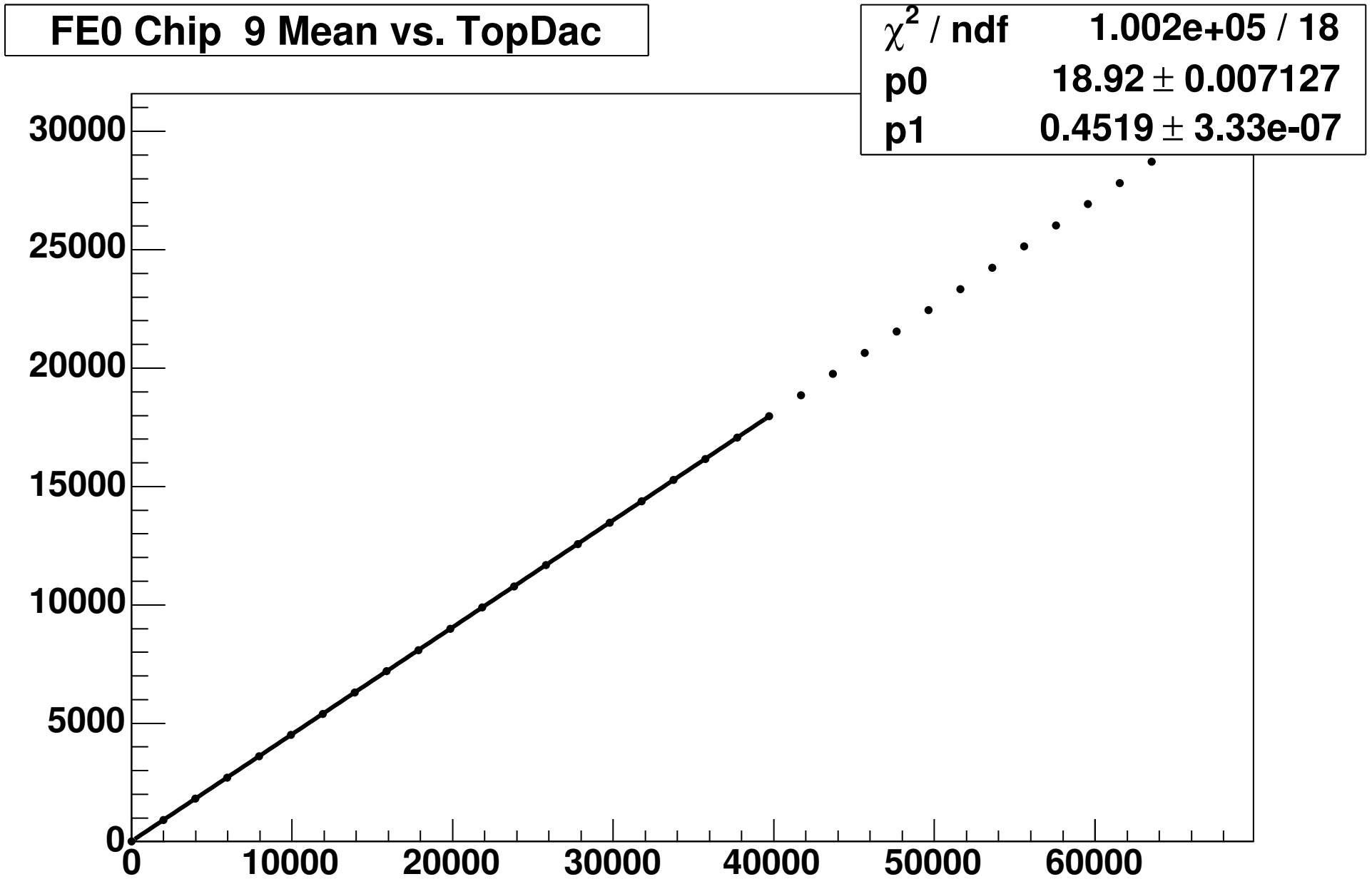
FE0 Chip 9 Mean vs. TopDac
χ² / ndf 1.002e+05 / 18
p0 18.92 ± 0.007127
p1 0.4519 ± 3.33e-07
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10000
5000
0
0
10000
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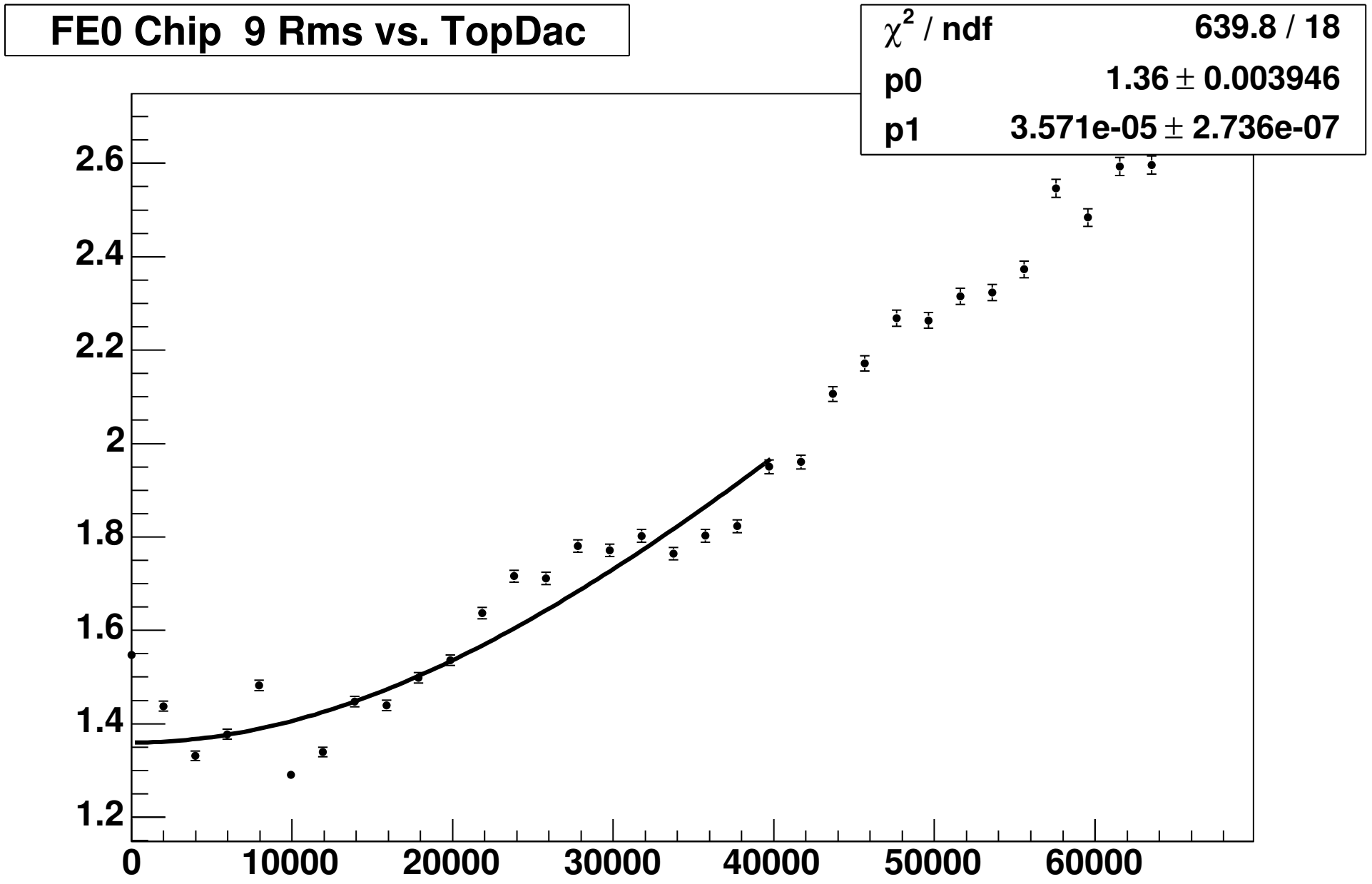
50000
60000


FE0 Chip 9 Rms vs. TopDac
χ² / ndf 639.8 / 18
p0 1.36 ± 0.003946
p1 3.571e-05 ± 2.736e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
0
10000
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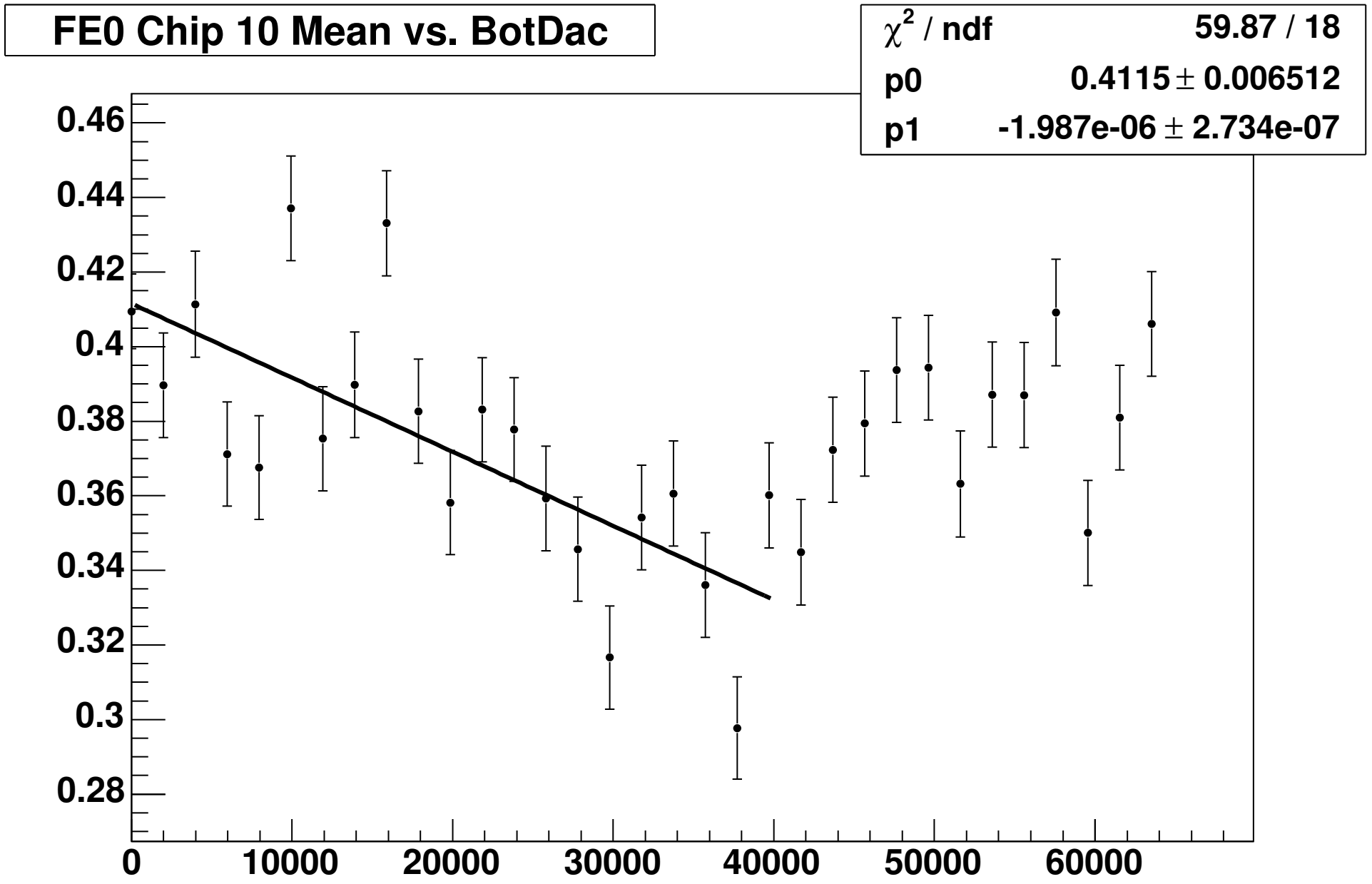
FE0 Chip 10 Mean vs. BotDac
χ² / ndf 59.87 / 18
p0 0.4115 ± 0.006512
p1 -1.987e-06 ± 2.734e-07
0.46
0.44
0.42
0.4
0.38
0.36
0.34
0.32
0.3
0.28
0
10000
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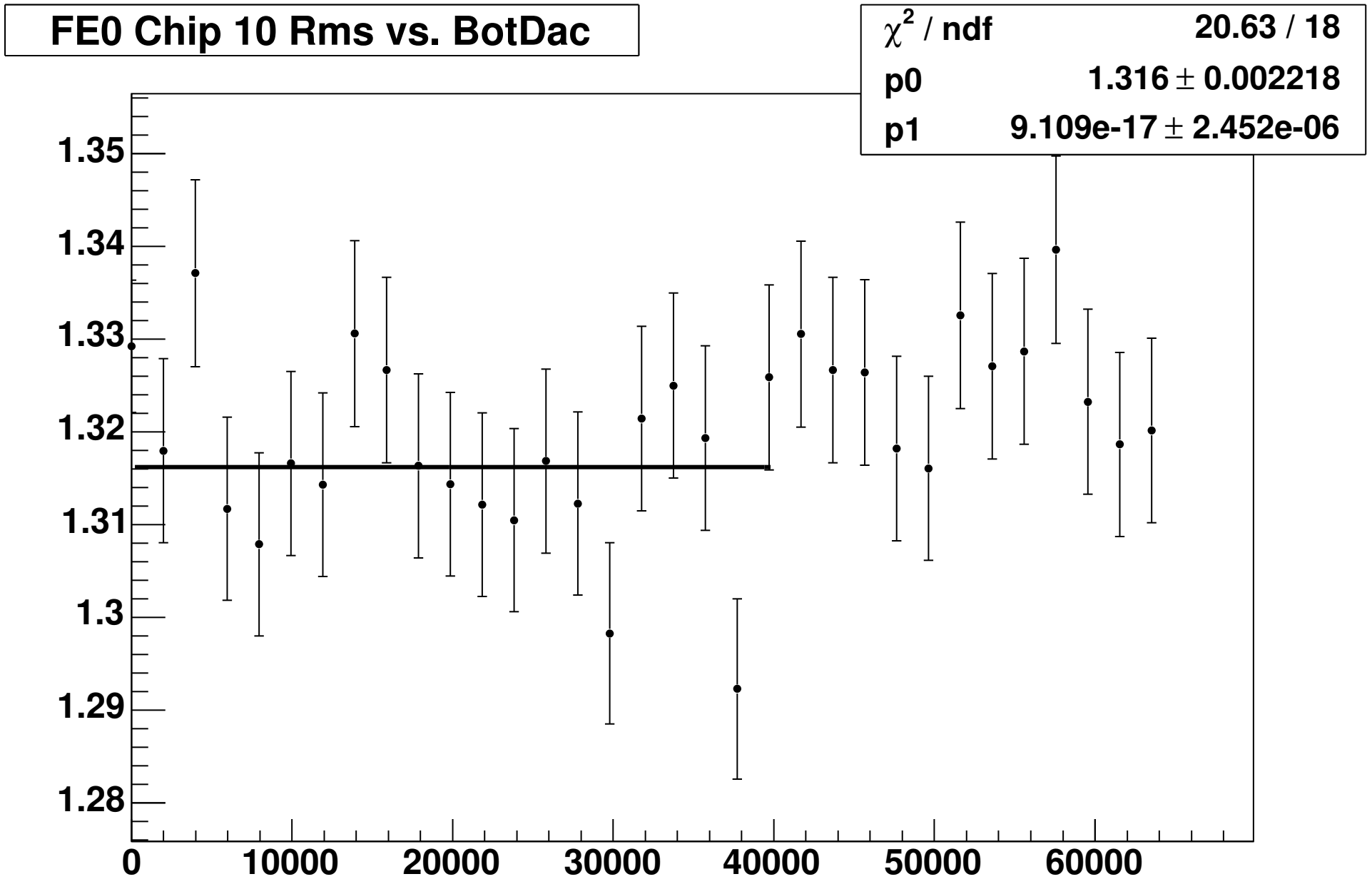
50000
60000


FE0 Chip 10 Rms vs. BotDac
χ² / ndf 20.63 / 18
p0 1.316 ± 0.002218
p1 9.109e-17 ± 2.452e-06
1.35
1.34
1.33
1.32
1.31
1.3
1.29
1.28
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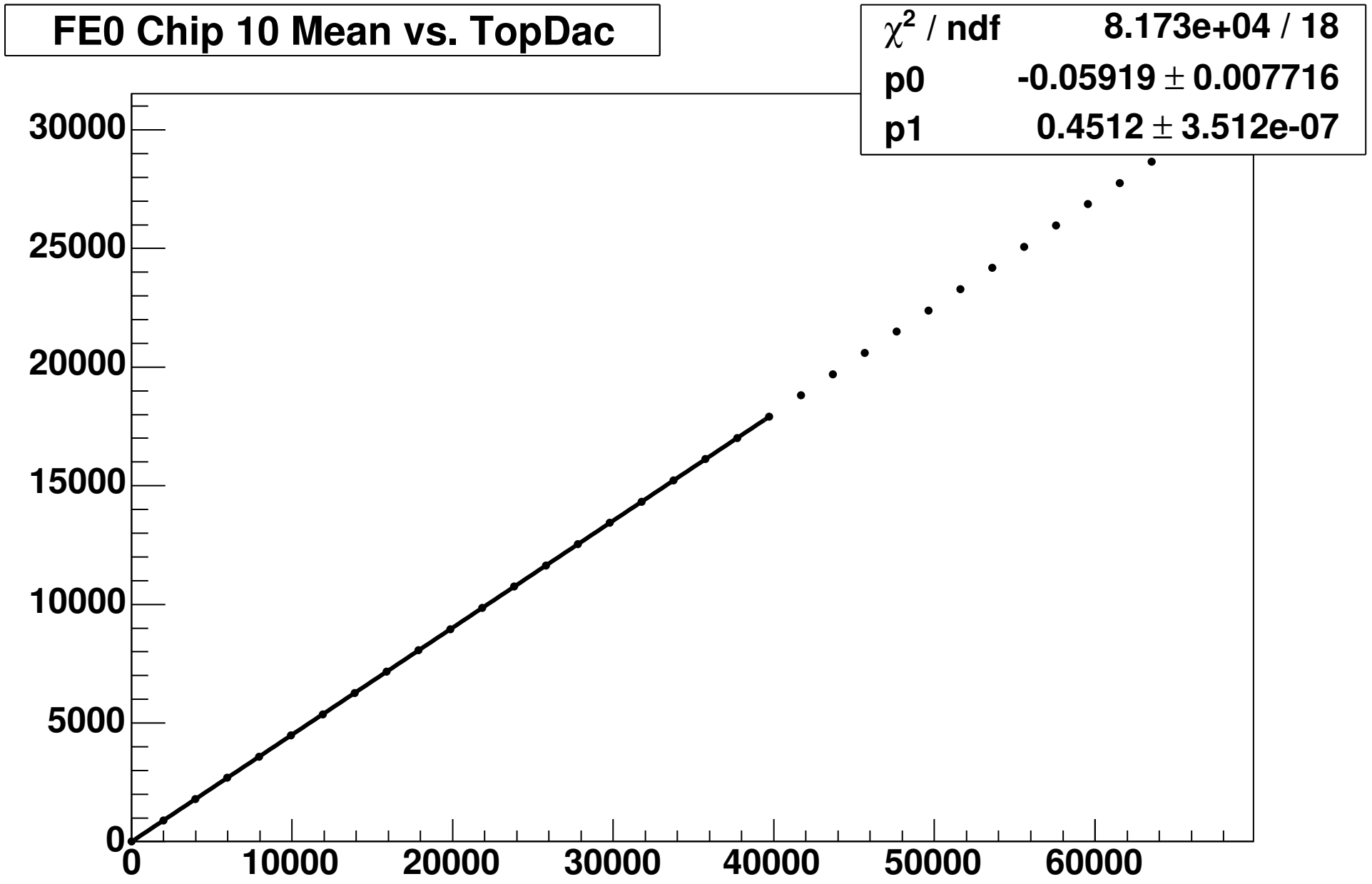
FE0 Chip 10 Mean vs. TopDac
χ² / ndf 8.173e+04 / 18
p0 -0.05919 ± 0.007716
p1 0.4512 ± 3.512e-07
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10000
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0
10000
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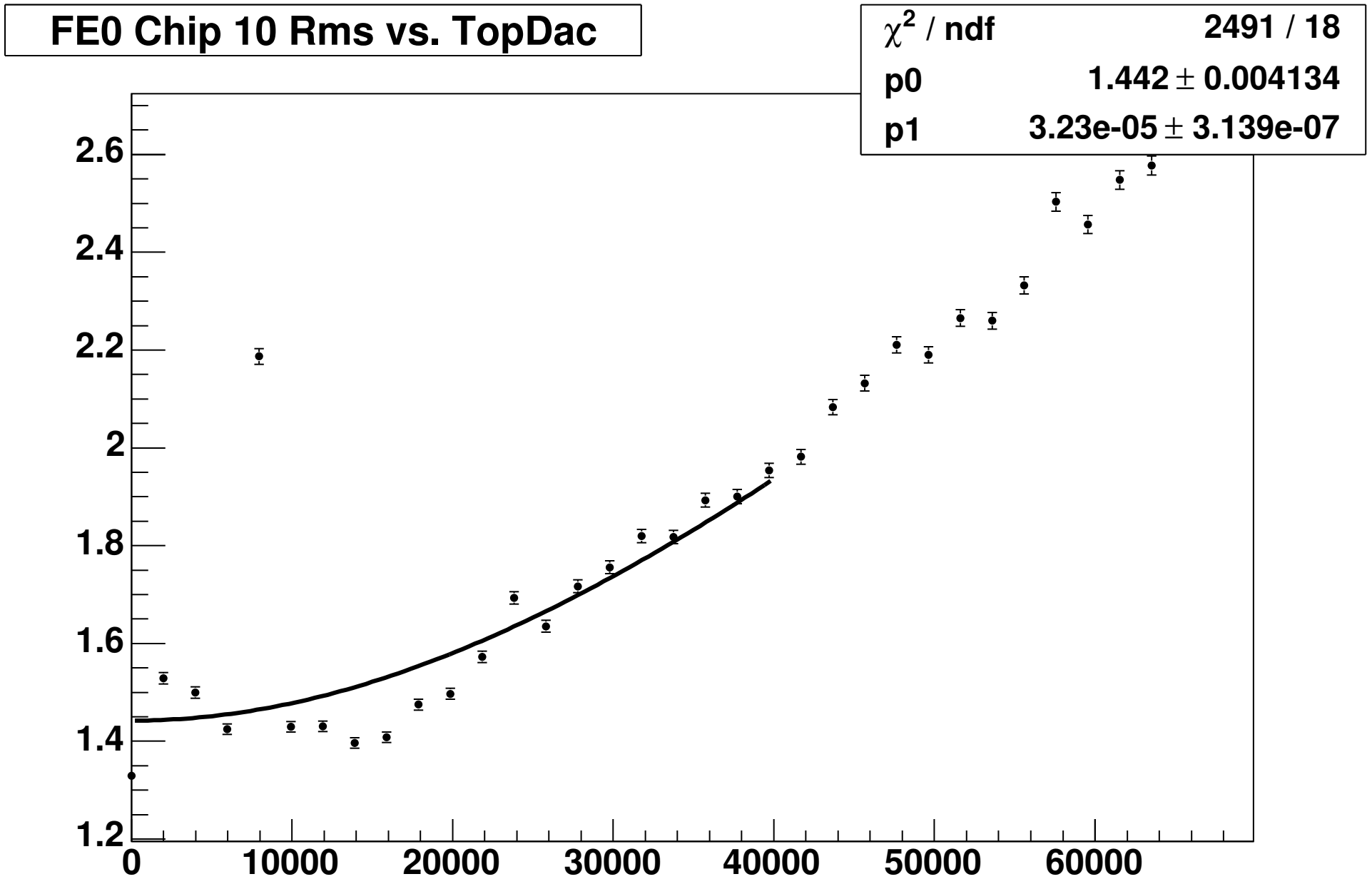
40000
50000
60000


FE0 Chip 10 Rms vs. TopDac
χ² / ndf 2491 / 18
p0 1.442 ± 0.004134
p1 3.23e-05 ± 3.139e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
0
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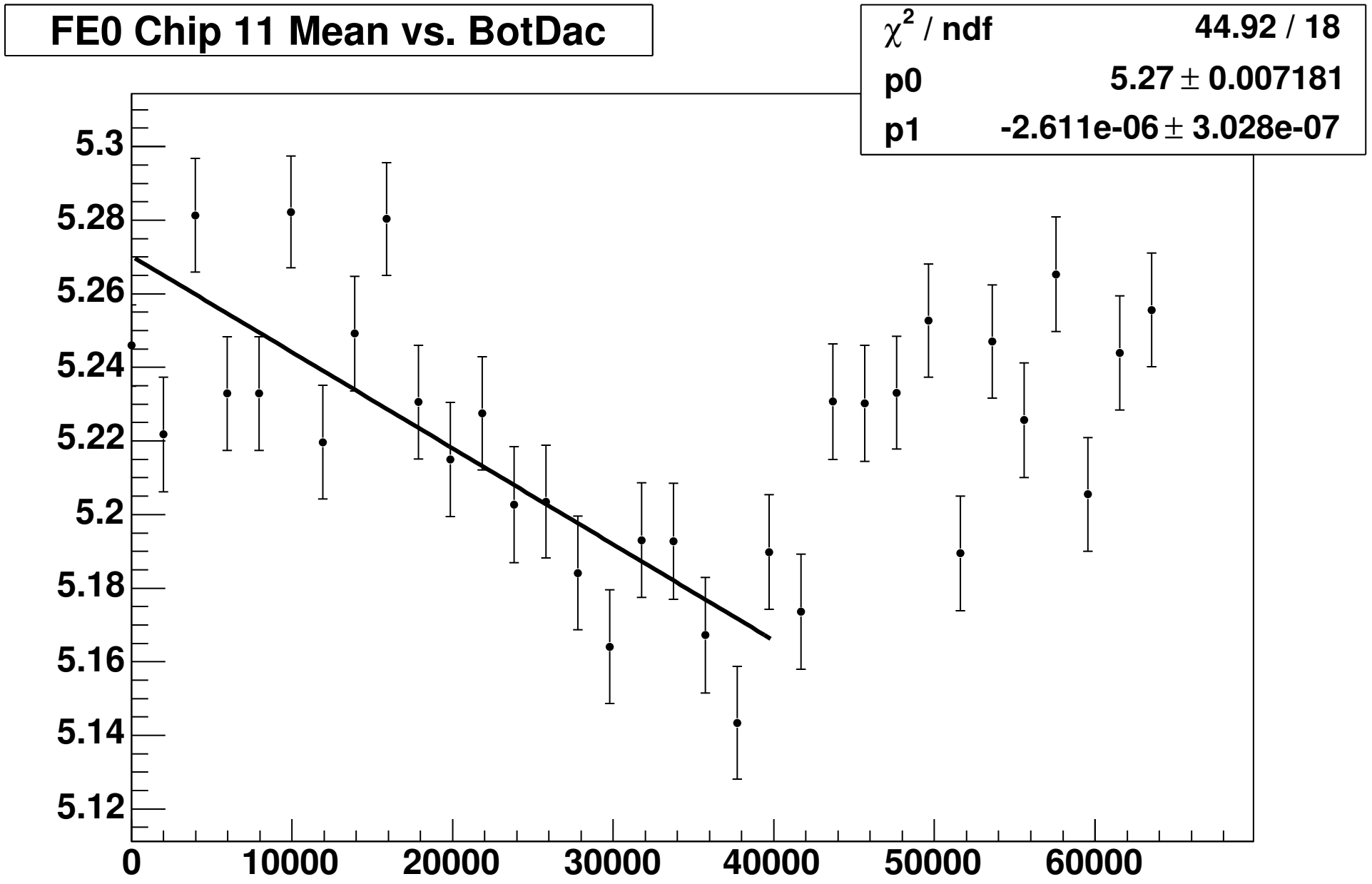
FE0 Chip 11 Mean vs. BotDac
χ² / ndf 44.92 / 18
p0 5.27 ± 0.007181
p1 -2.611e-06 ± 3.028e-07
5.3
5.28
5.26
5.24
5.22
5.2
5.18
5.16
5.14
5.12
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10000
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50000
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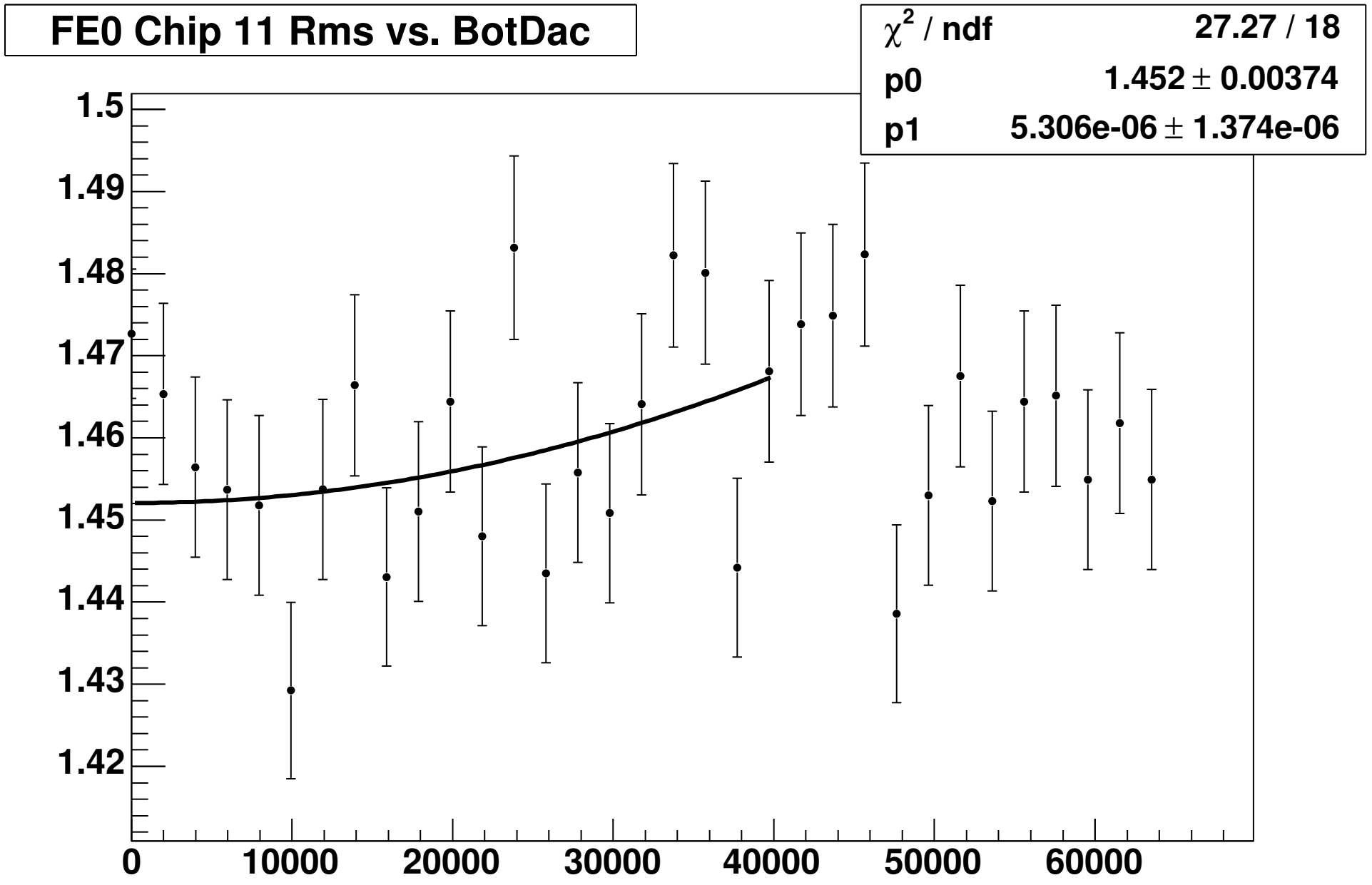
FE0 Chip 11 Rms vs. BotDac
χ² / ndf 27.27 / 18
p0 1.452 ± 0.00374
p1 5.306e-06 ± 1.374e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
10000
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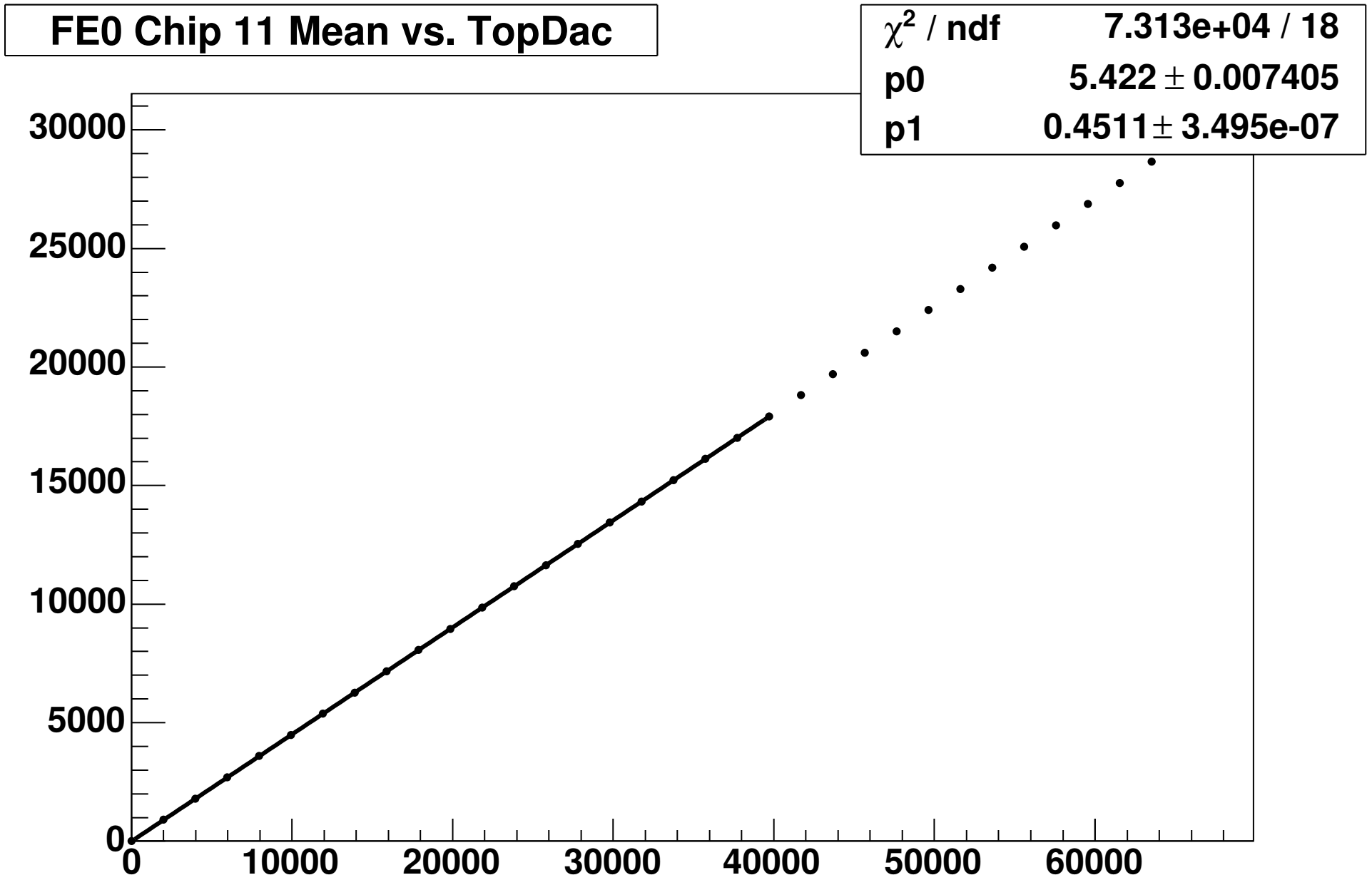
FE0 Chip 11 Mean vs. TopDac
χ² / ndf 7.313e+04 / 18
p0 5.422 ± 0.007405
p1 0.4511 ± 3.495e-07
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20000
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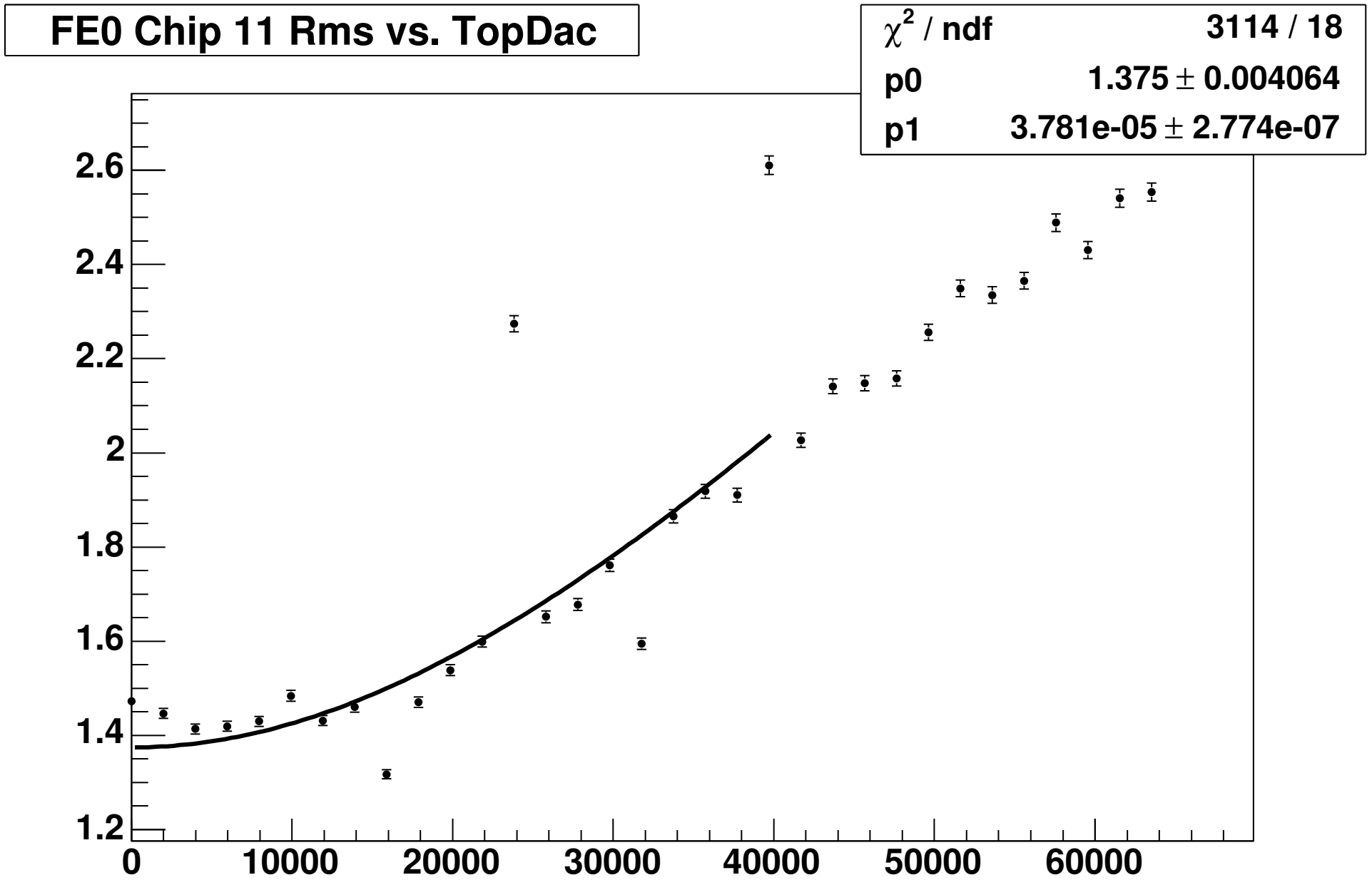
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE0 Chip 11 Rms vs. TopDac
χ² / ndf 3114 / 18
p0 1.375 ± 0.004064
p1 3.781e-05 ± 2.774e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
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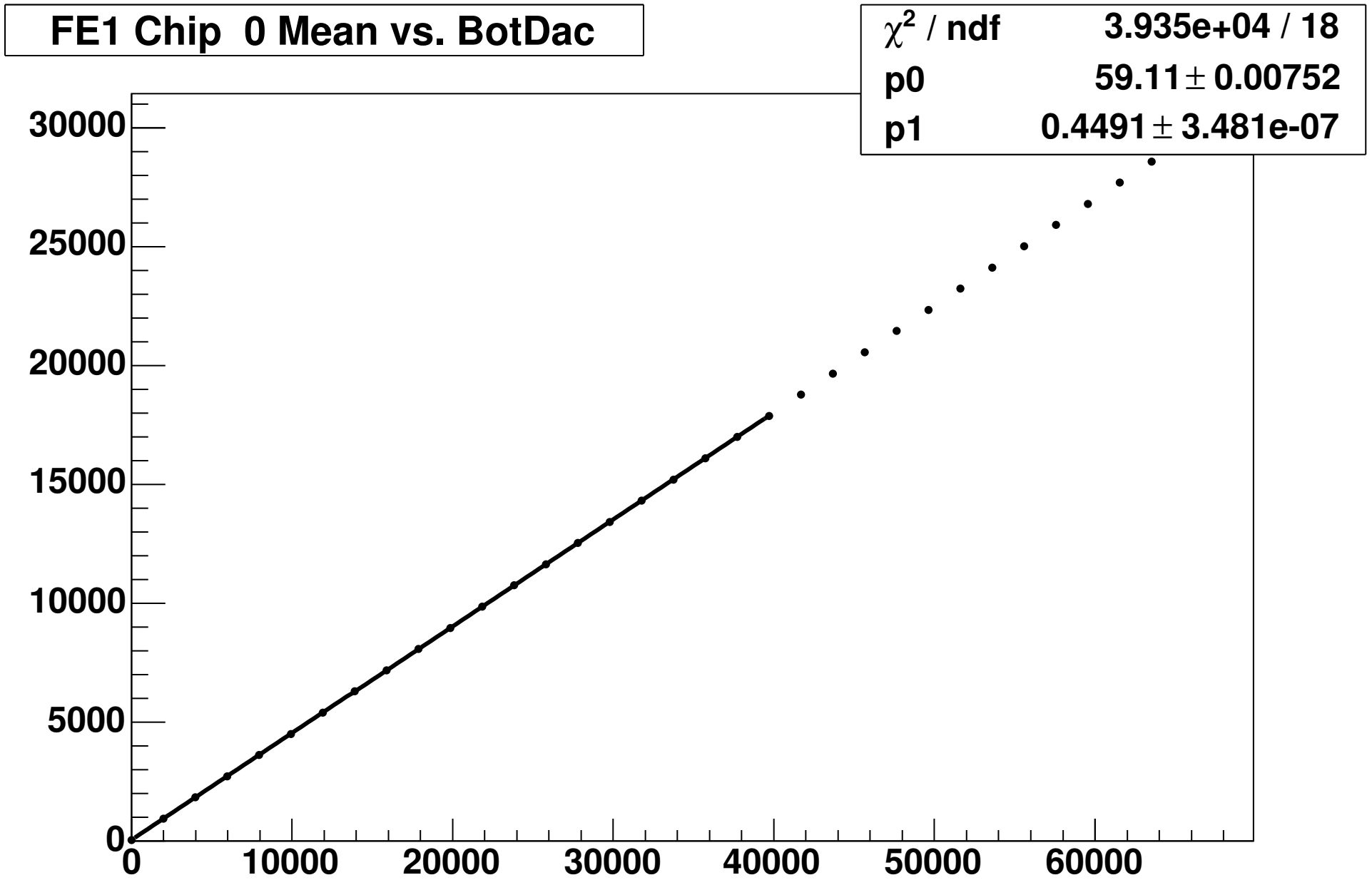
FE1 Chip 0 Mean vs. BotDac
χ² / ndf 3.935e+04 / 18
p0 59.11 ± 0.00752
p1 0.4491 ± 3.481e-07
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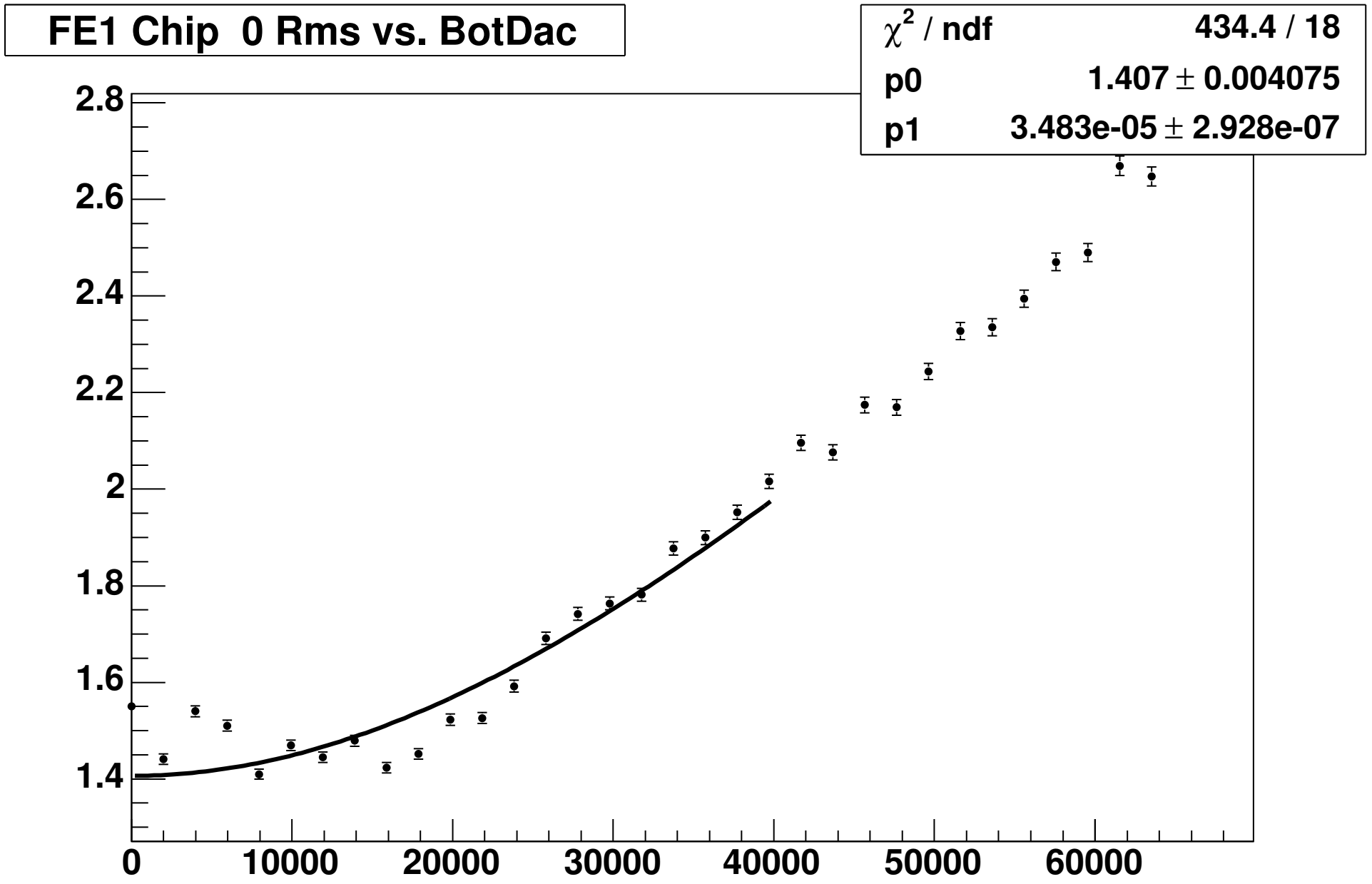
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 0 Rms vs. BotDac
χ² / ndf 434.4 / 18
p0 1.407 ± 0.004075
p1 3.483e-05 ± 2.928e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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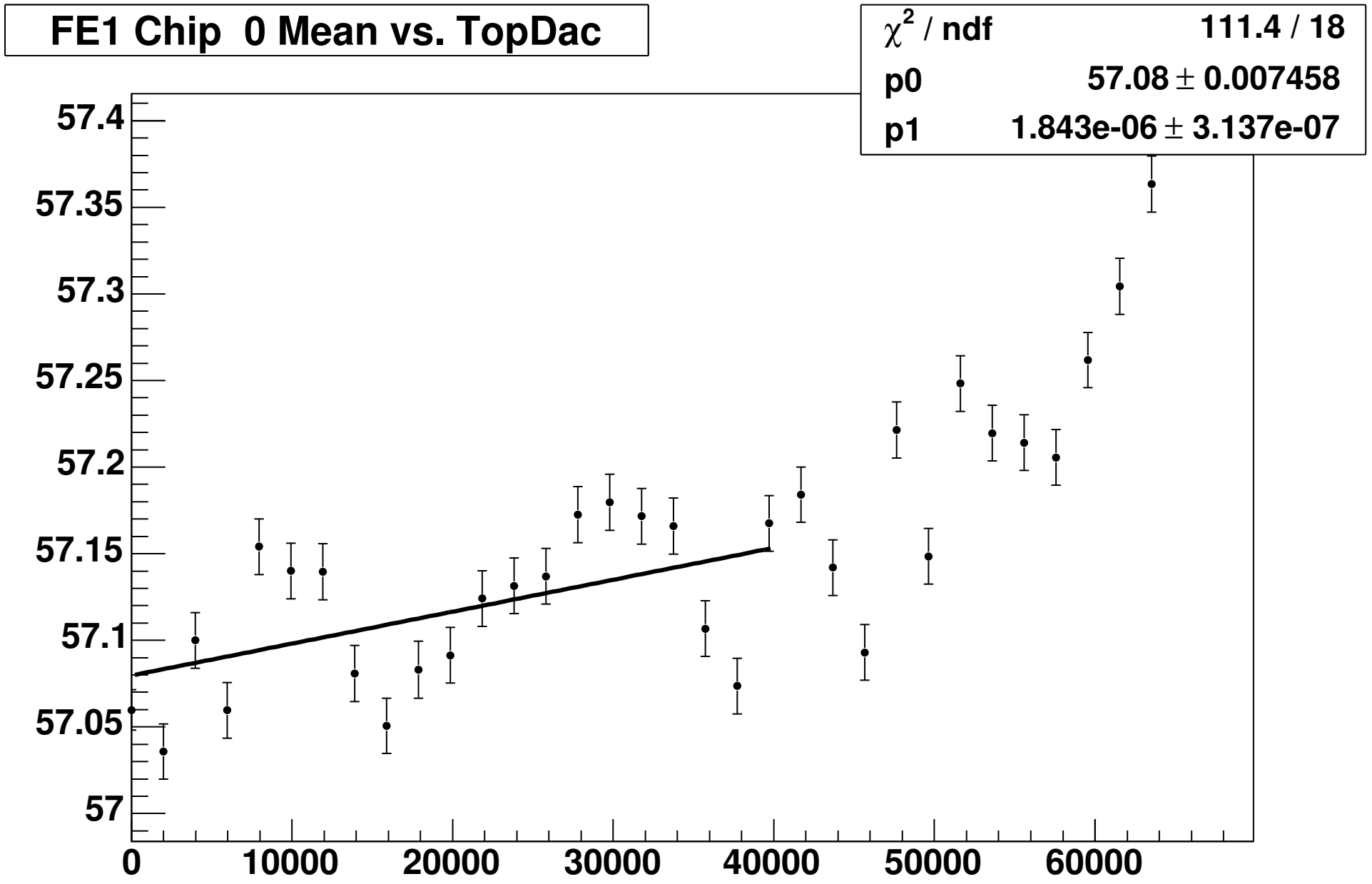
FE1 Chip 0 Mean vs. TopDac
χ² / ndf 111.4 / 18
p0 57.08 ± 0.007458
p1 1.843e-06 ± 3.137e-07
57.4
57.35
57.3
57.25
57.2
57.15
57.1
57.05
57
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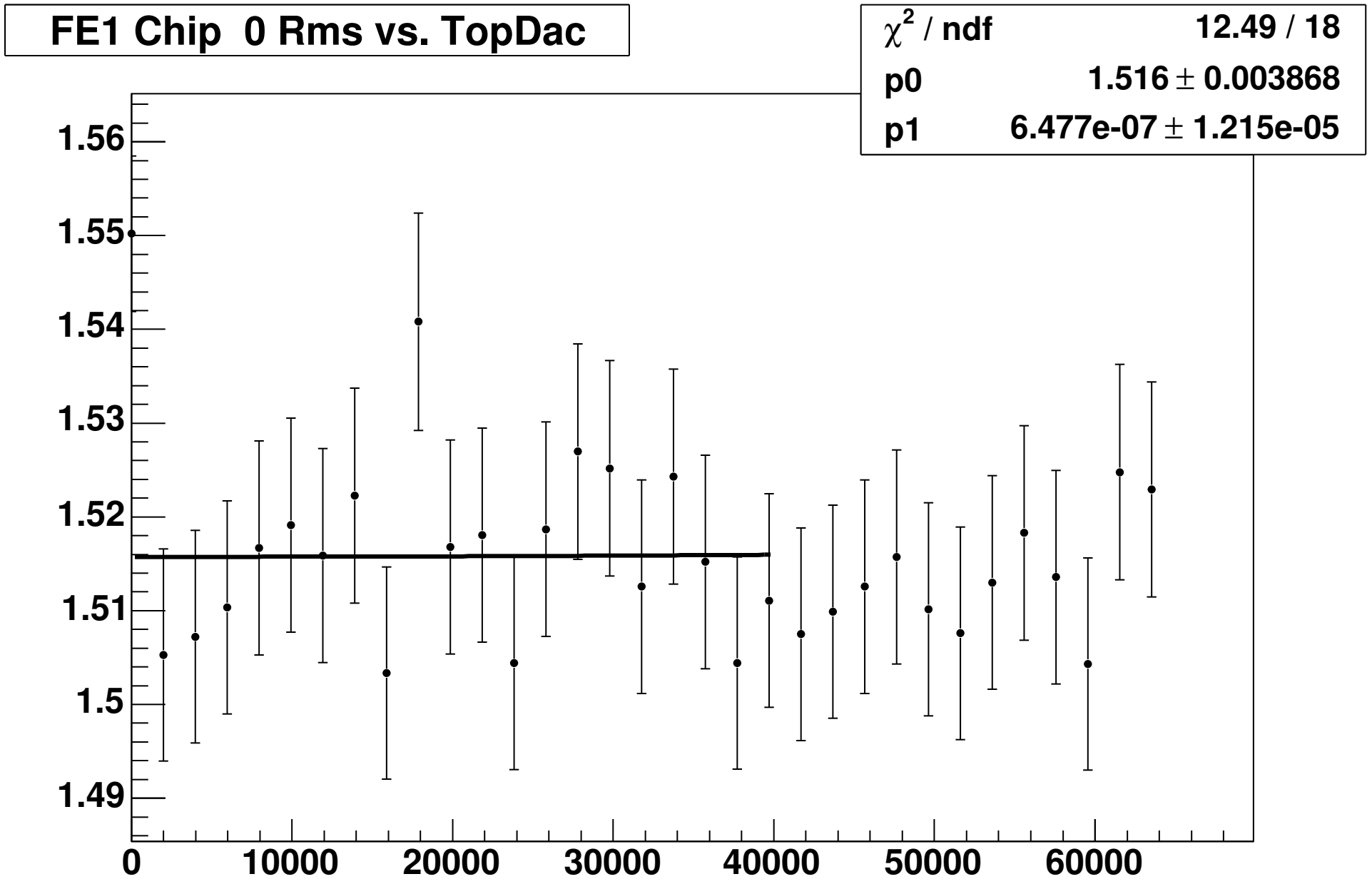
FE1 Chip 0 Rms vs. TopDac
χ² / ndf 12.49 / 18
p0 1.516 ± 0.003868
p1 6.477e-07 ± 1.215e-05
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
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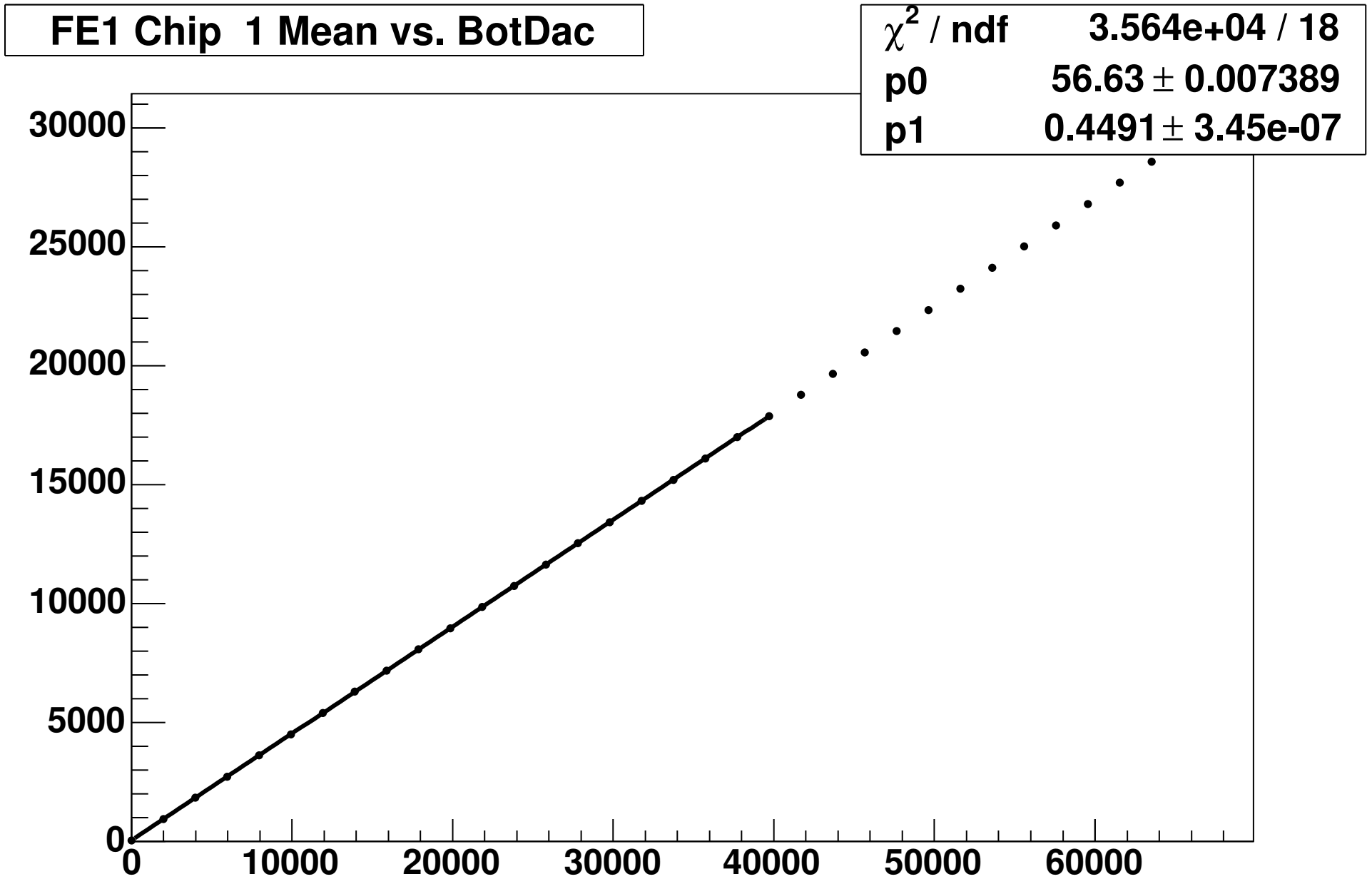
FE1 Chip 1 Mean vs. BotDac
χ² / ndf 3.564e+04 / 18
p0 56.63 ± 0.007389
p1 0.4491 ± 3.45e-07
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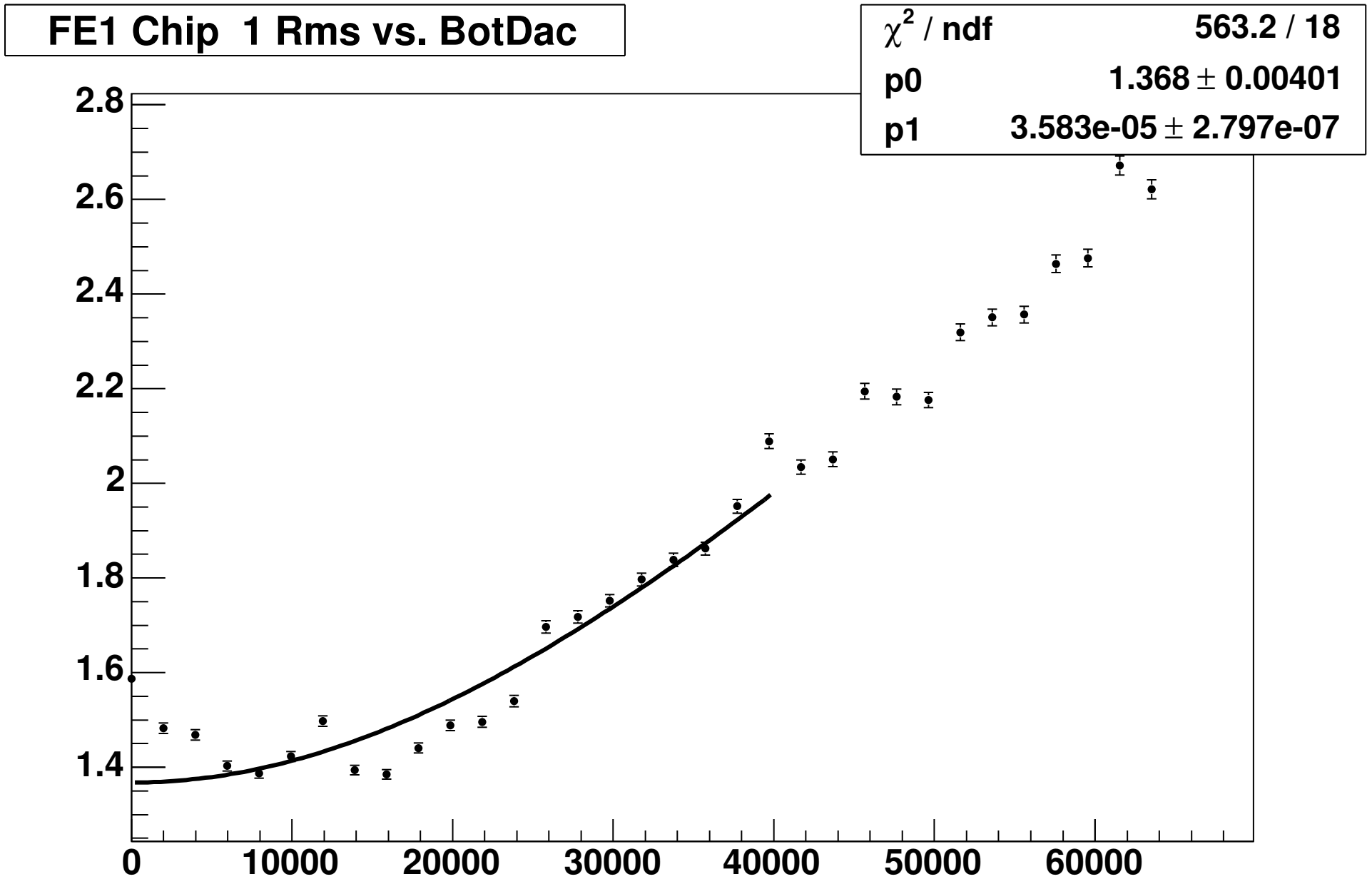
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 1 Rms vs. BotDac
χ² / ndf 563.2 / 18
p0 1.368 ± 0.00401
p1 3.583e-05 ± 2.797e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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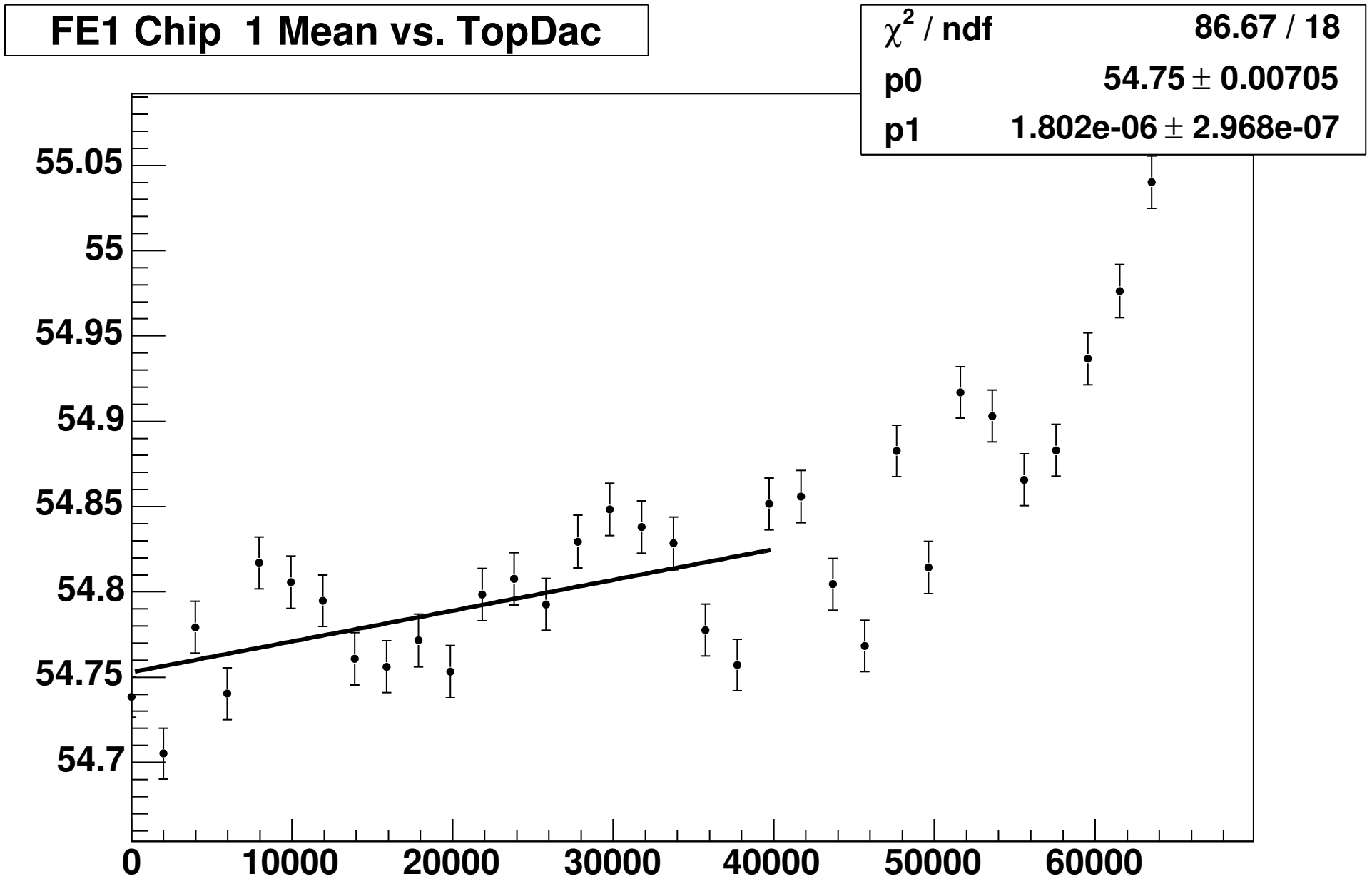
60000


FE1 Chip 1 Mean vs. TopDac
χ² / ndf 86.67 / 18
p0 54.75 ± 0.00705
p1 1.802e-06 ± 2.968e-07
55.05
55
54.95
54.9
54.85
54.8
54.75
54.7
0
10000
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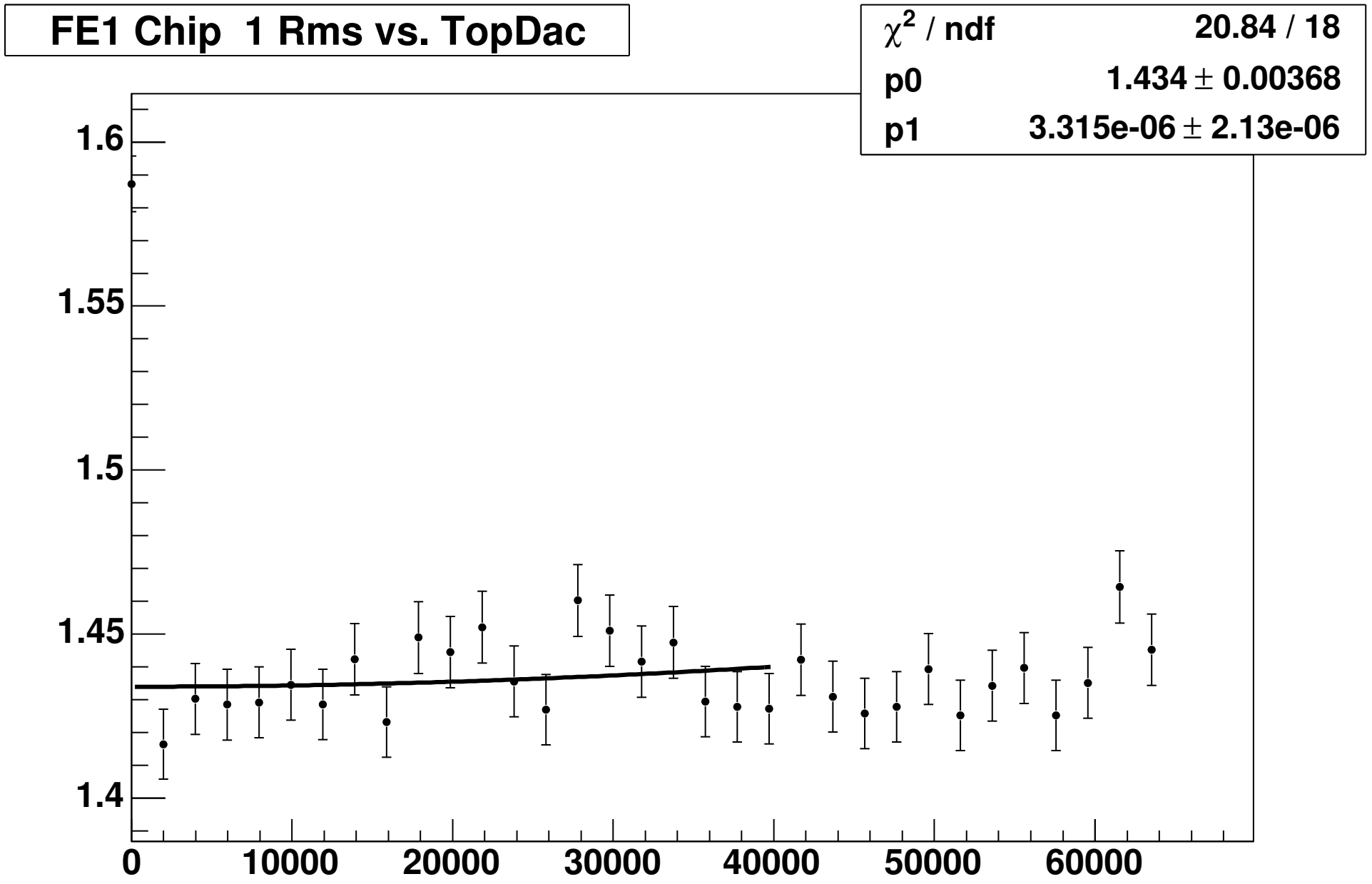
30000
40000
50000
60000


FE1 Chip 1 Rms vs. TopDac
χ² / ndf 20.84 / 18
p0 1.434 ± 0.00368
p1 3.315e-06 ± 2.13e-06
1.6
1.55
1.5
1.45
1.4
0
10000
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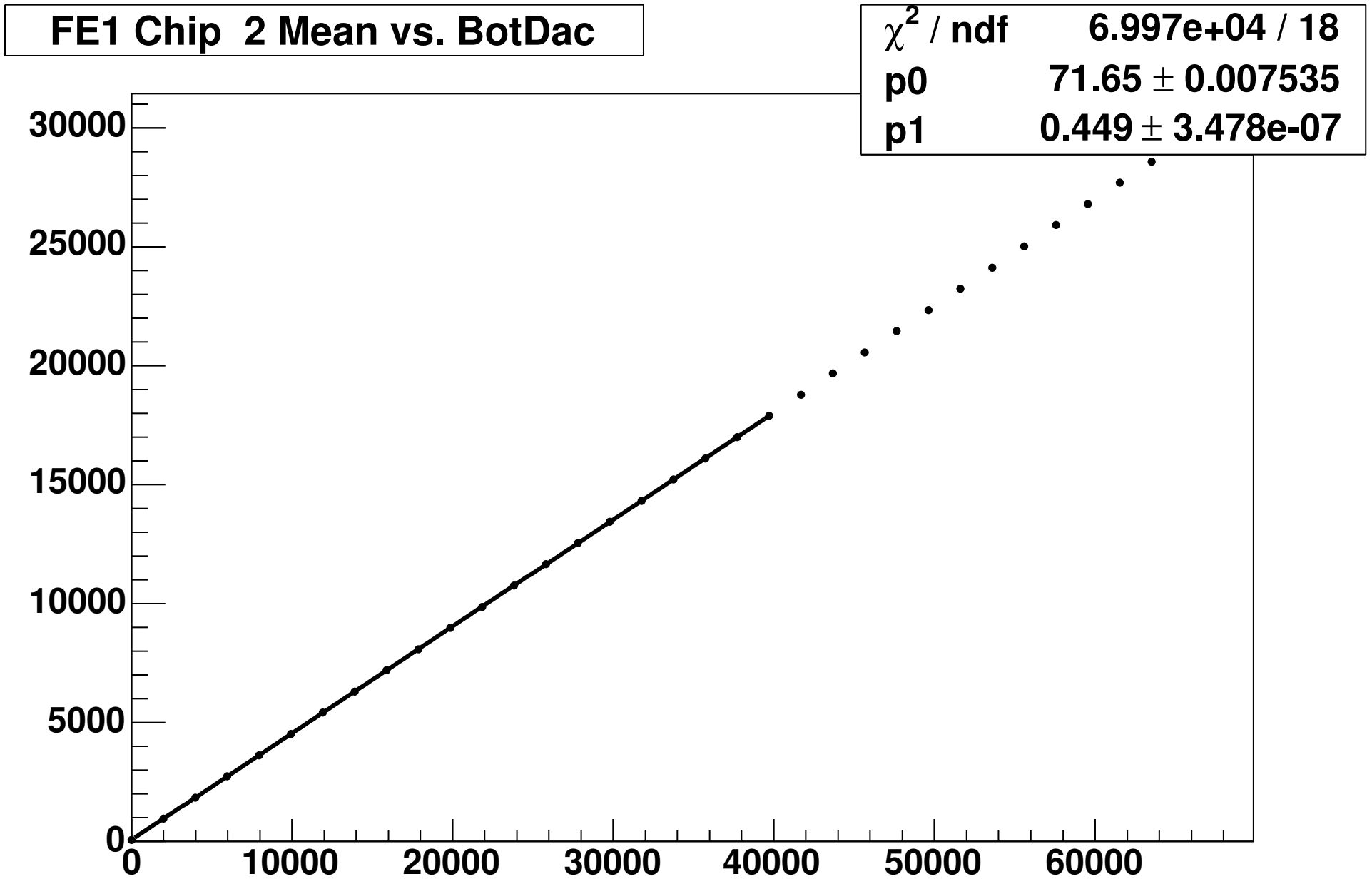
60000


FE1 Chip 2 Mean vs. BotDac
χ² / ndf 6.997e+04 / 18
p0 71.65 ± 0.007535
p1 0.449 ± 3.478e-07
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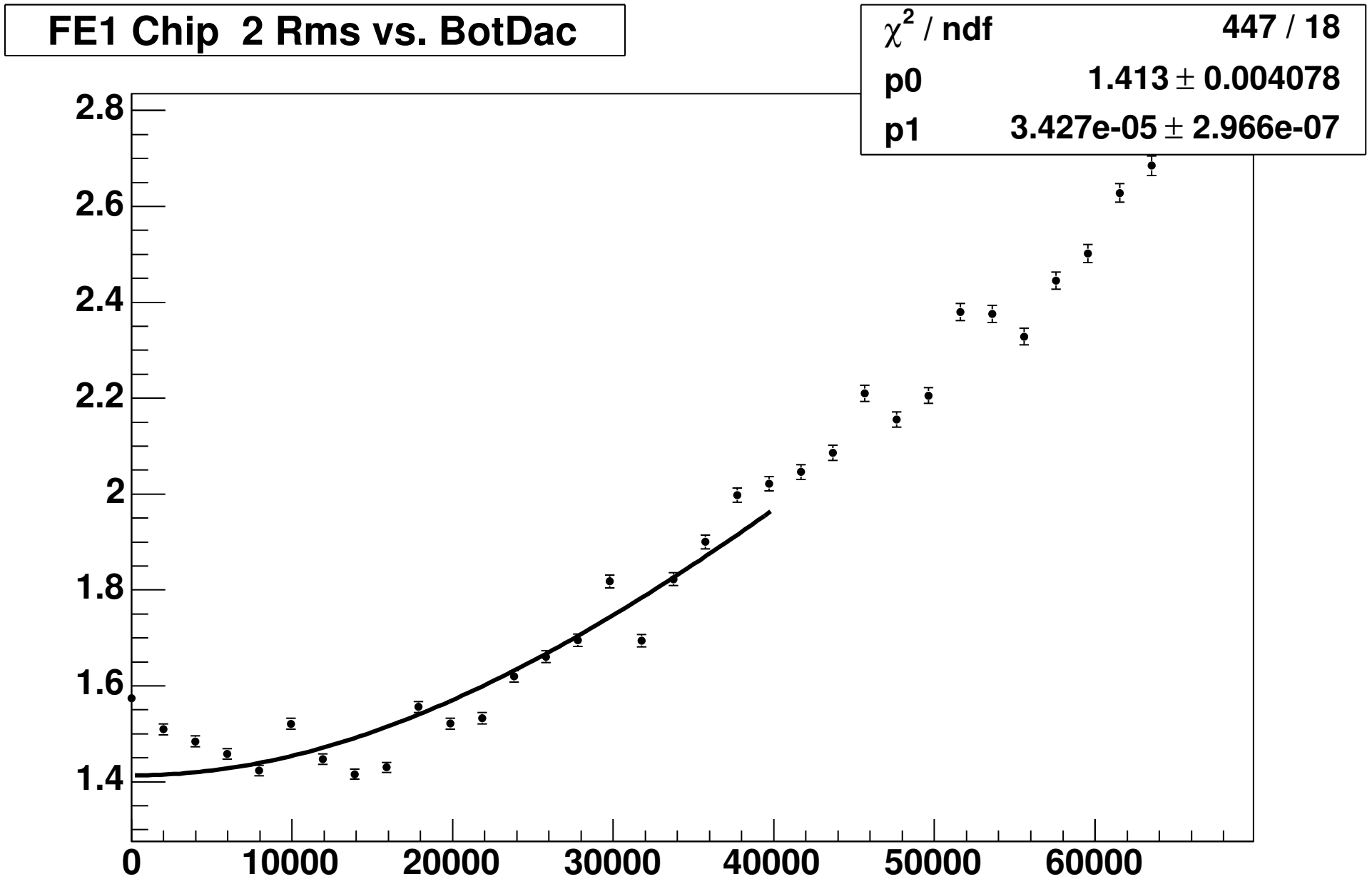
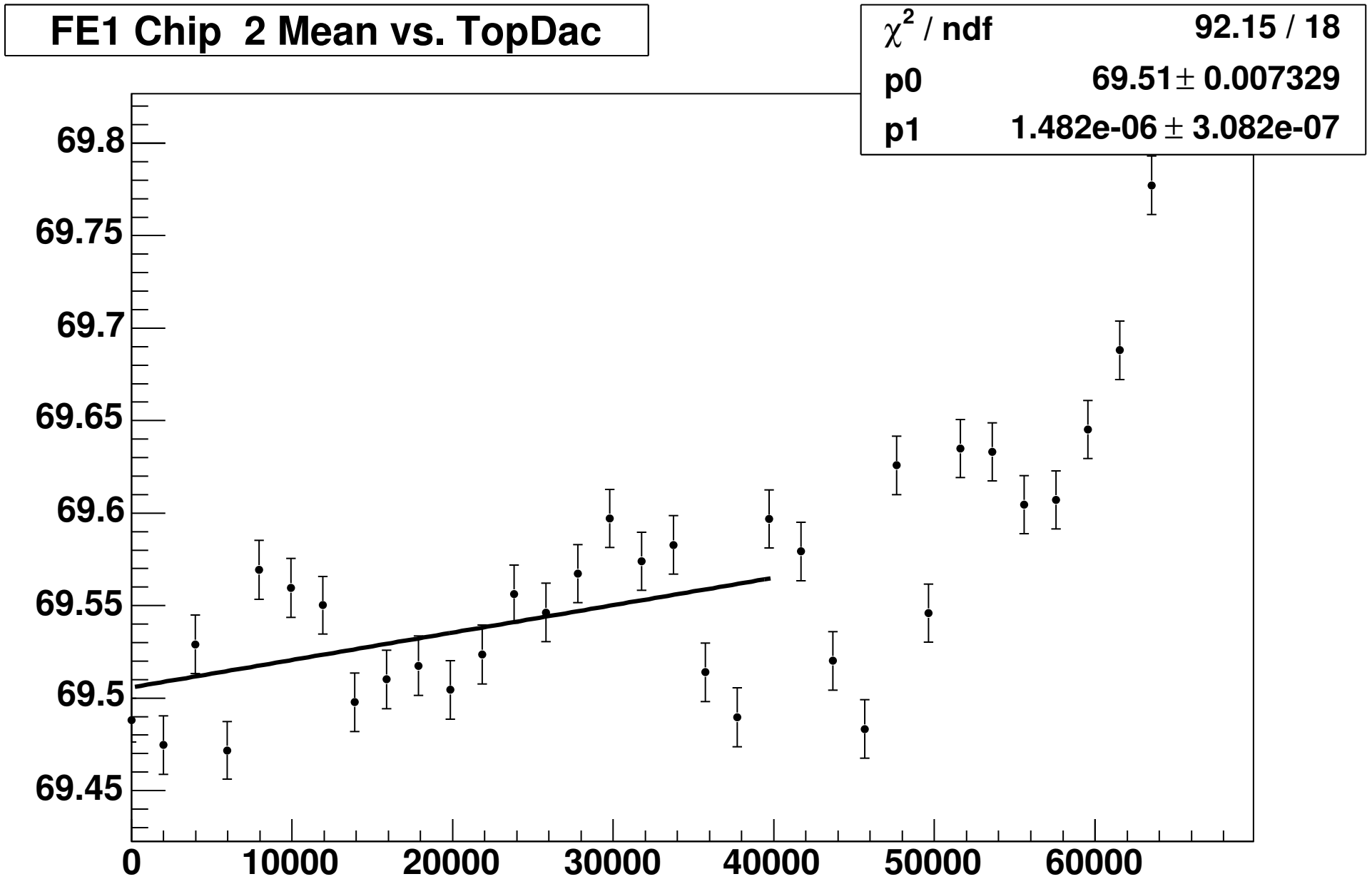
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 2 Rms vs. BotDac
χ² / ndf 447 / 18
p0 1.413 ± 0.004078
p1 3.427e-05 ± 2.966e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000


FE1 Chip 2 Mean vs. TopDac
χ² / ndf 92.15 / 18
p0 69.51 ± 0.007329
p1 1.482e-06 ± 3.082e-07
69.8
69.75
69.7
69.65
69.6
69.55
69.5
69.45
0
10000
20000
30000
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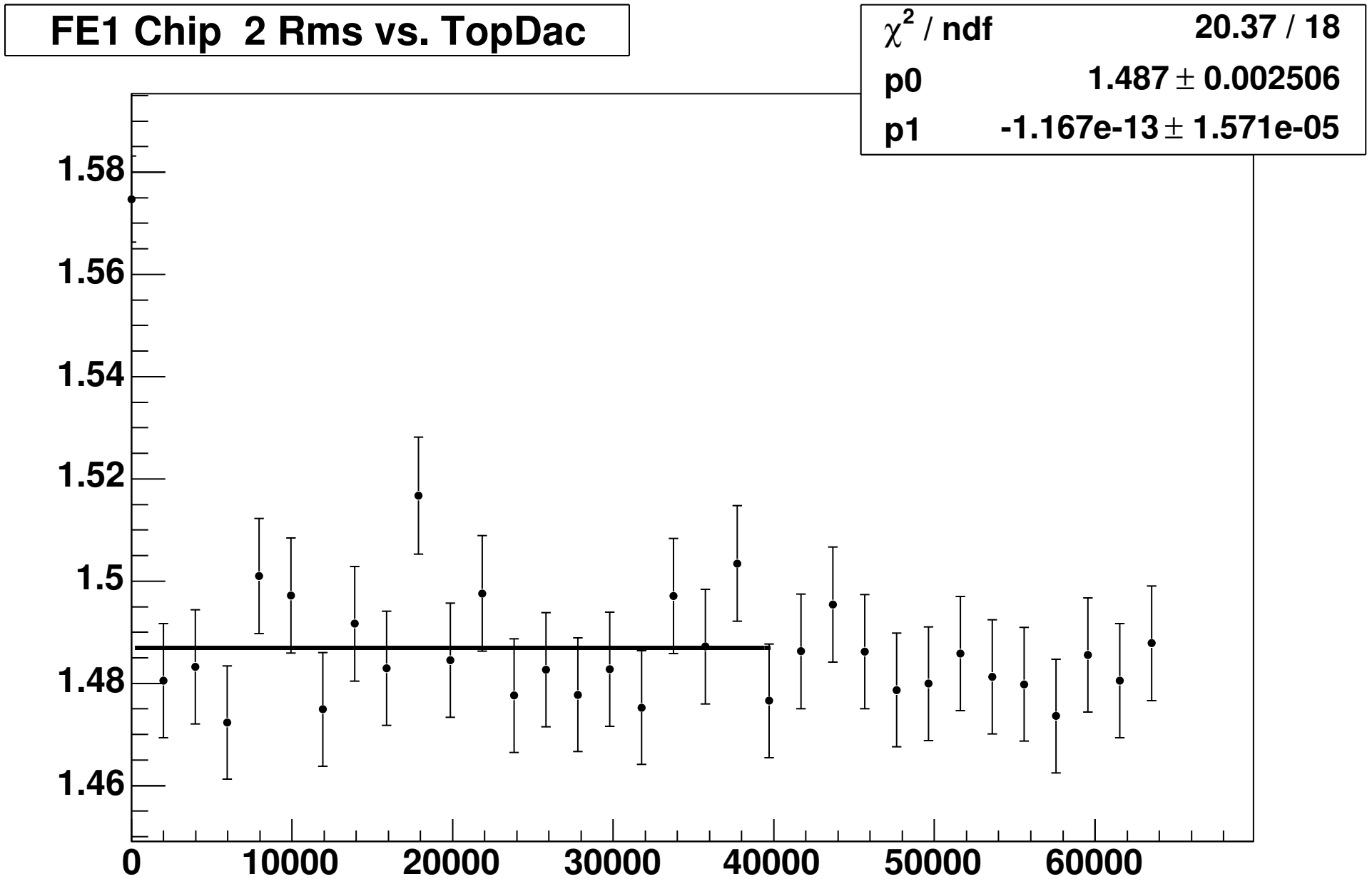
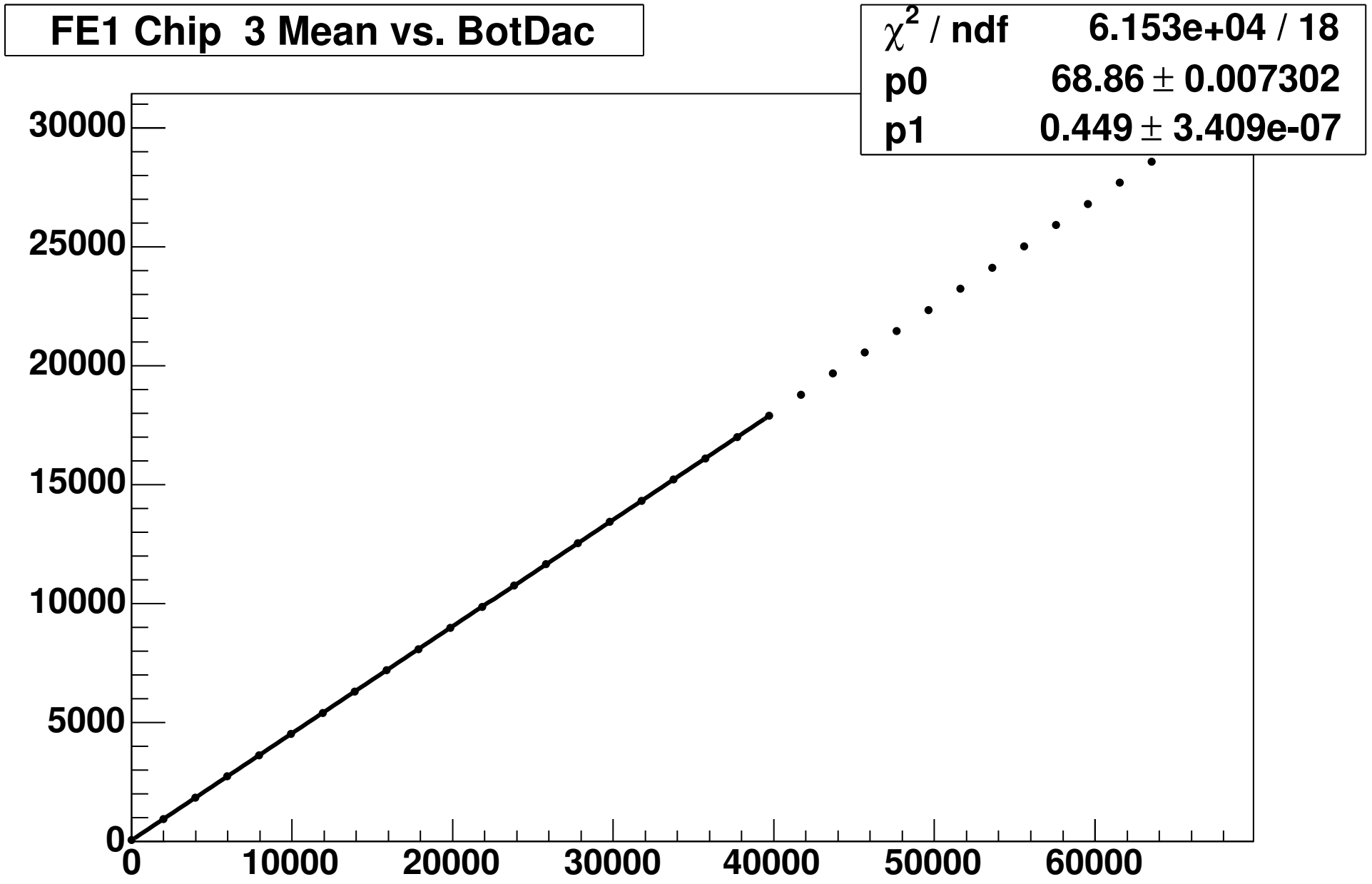
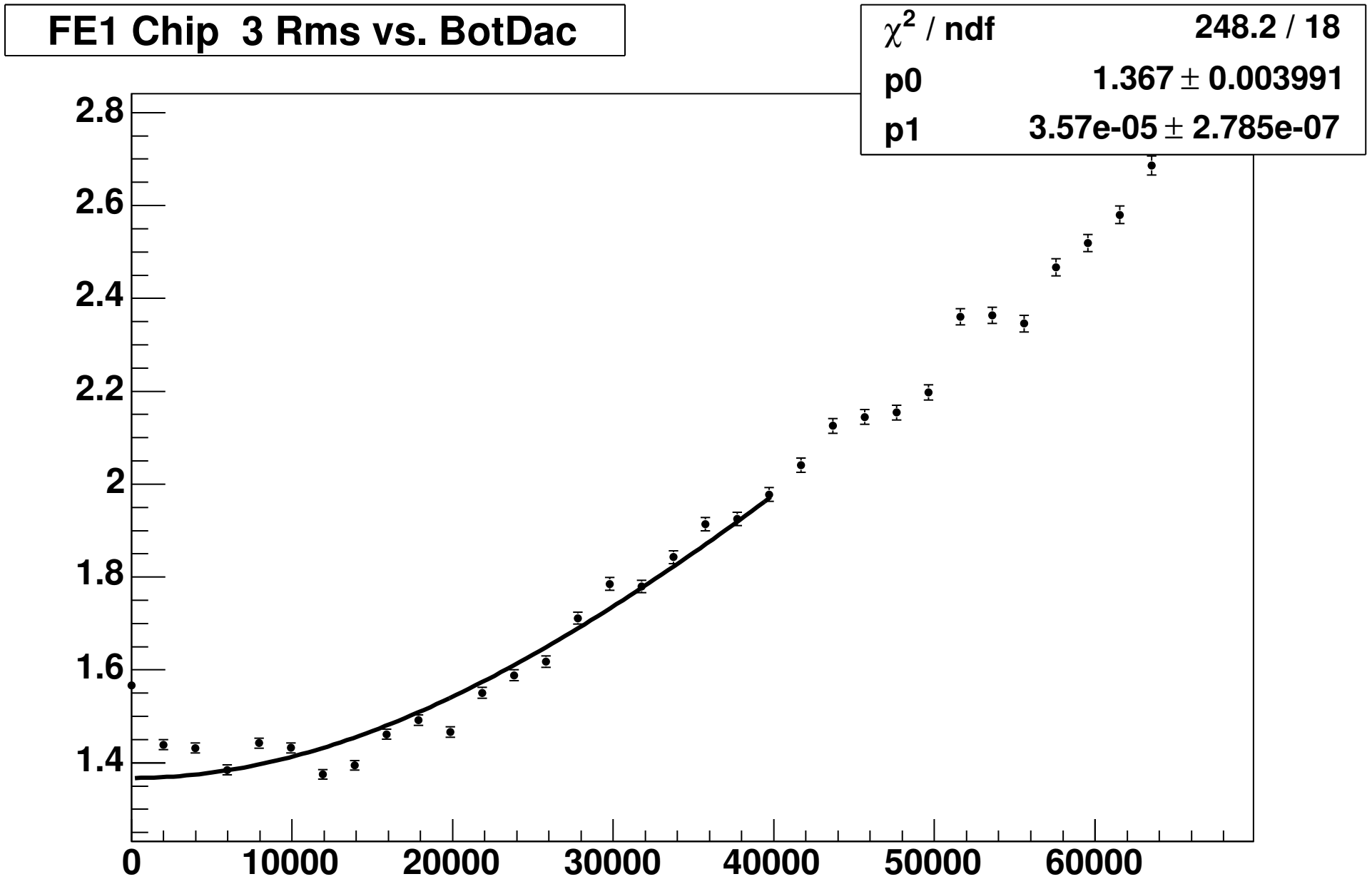
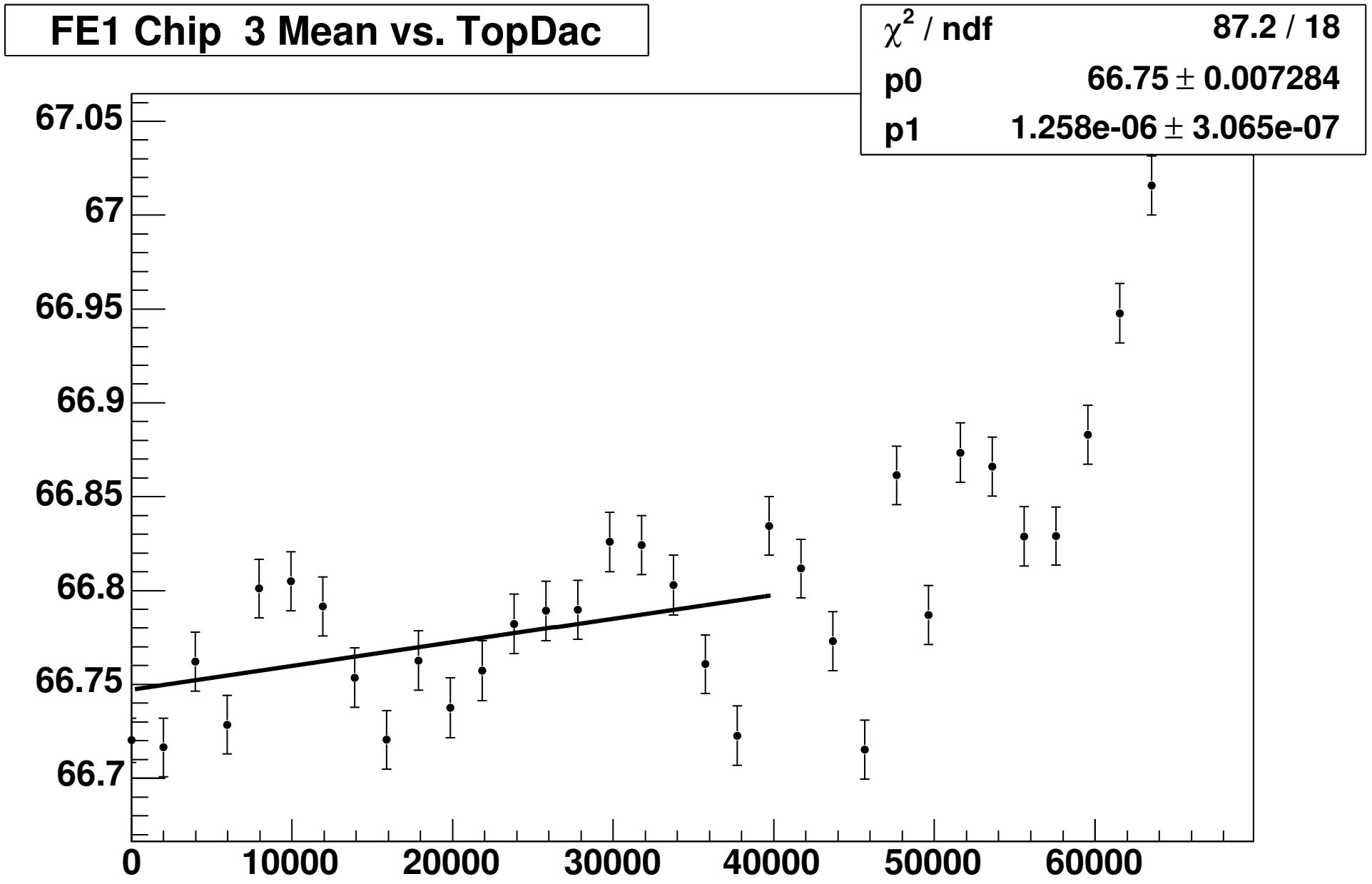
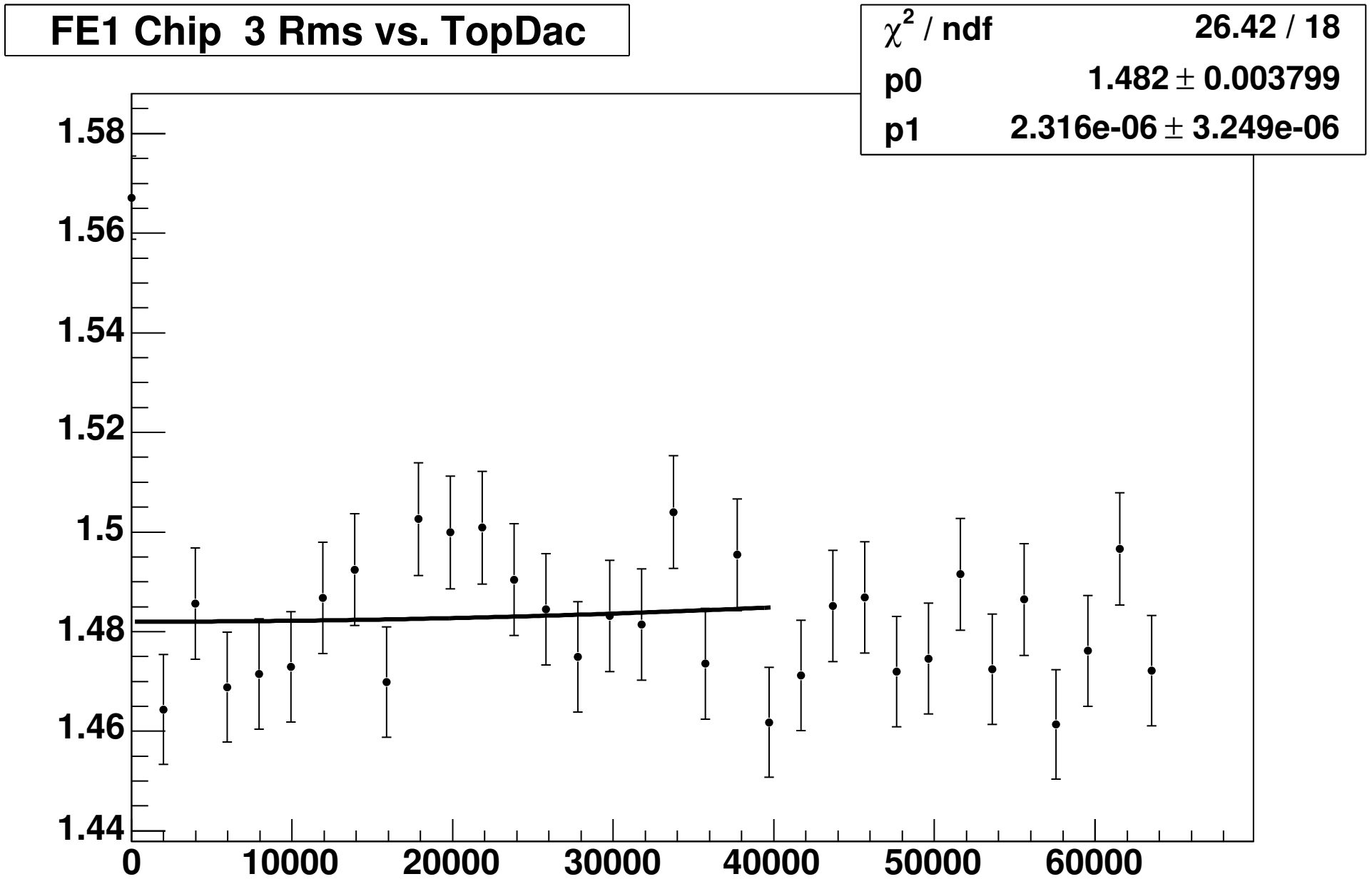
50000
60000


FE1 Chip 2 Rms vs. TopDac
χ² / ndf 20.37 / 18
p0 1.487 ± 0.002506
p1 -1.167e-13 ± 1.571e-05
1.58
1.56
1.54
1.52
1.5
1.48
1.46
0
10000
20000
30000
40000
50000
60000


FE1 Chip 3 Mean vs. BotDac
χ² / ndf 6.153e+04 / 18
p0 68.86 ± 0.007302
p1 0.449 ± 3.409e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 3 Rms vs. BotDac
χ² / ndf 248.2 / 18
p0 1.367 ± 0.003991
p1 3.57e-05 ± 2.785e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000


FE1 Chip 3 Mean vs. TopDac
χ^2 / ndf 87.2 / 18
p0 66.75 ± 0.007284
p1 1.258e-06 ± 3.065e-07
67.05
67
66.95
66.9
66.85
66.8
66.75
66.7
0
10000
20000
30000
40000
50000
60000


FE1 Chip 3 Rms vs. TopDac
χ² / ndf 26.42 / 18
p0 1.482 ± 0.003799
p1 2.316e-06 ± 3.249e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
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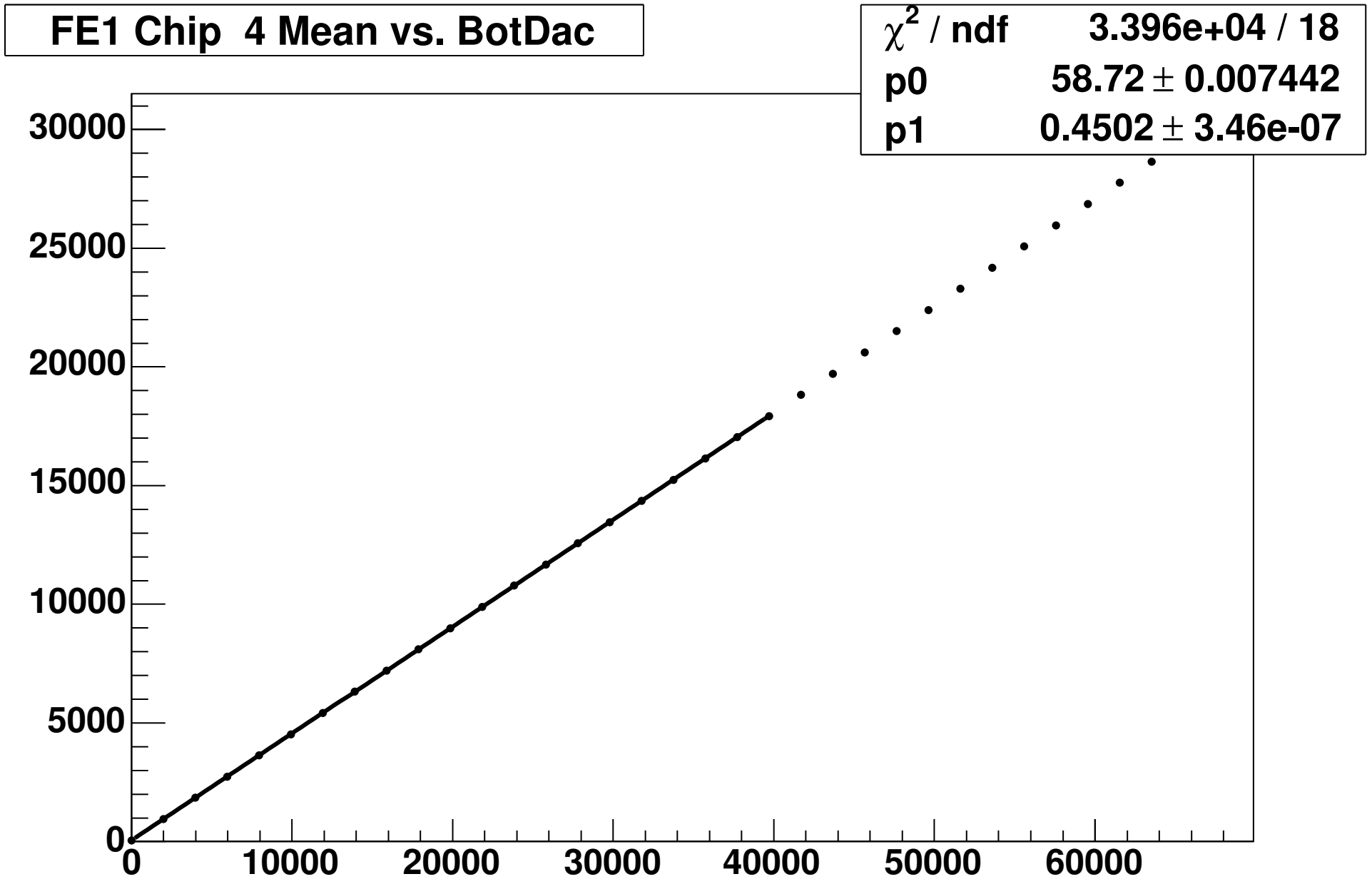
FE1 Chip 4 Mean vs. BotDac
χ² / ndf 3.396e+04 / 18
p0 58.72 ± 0.007442
p1 0.4502 ± 3.46e-07
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0
0
10000
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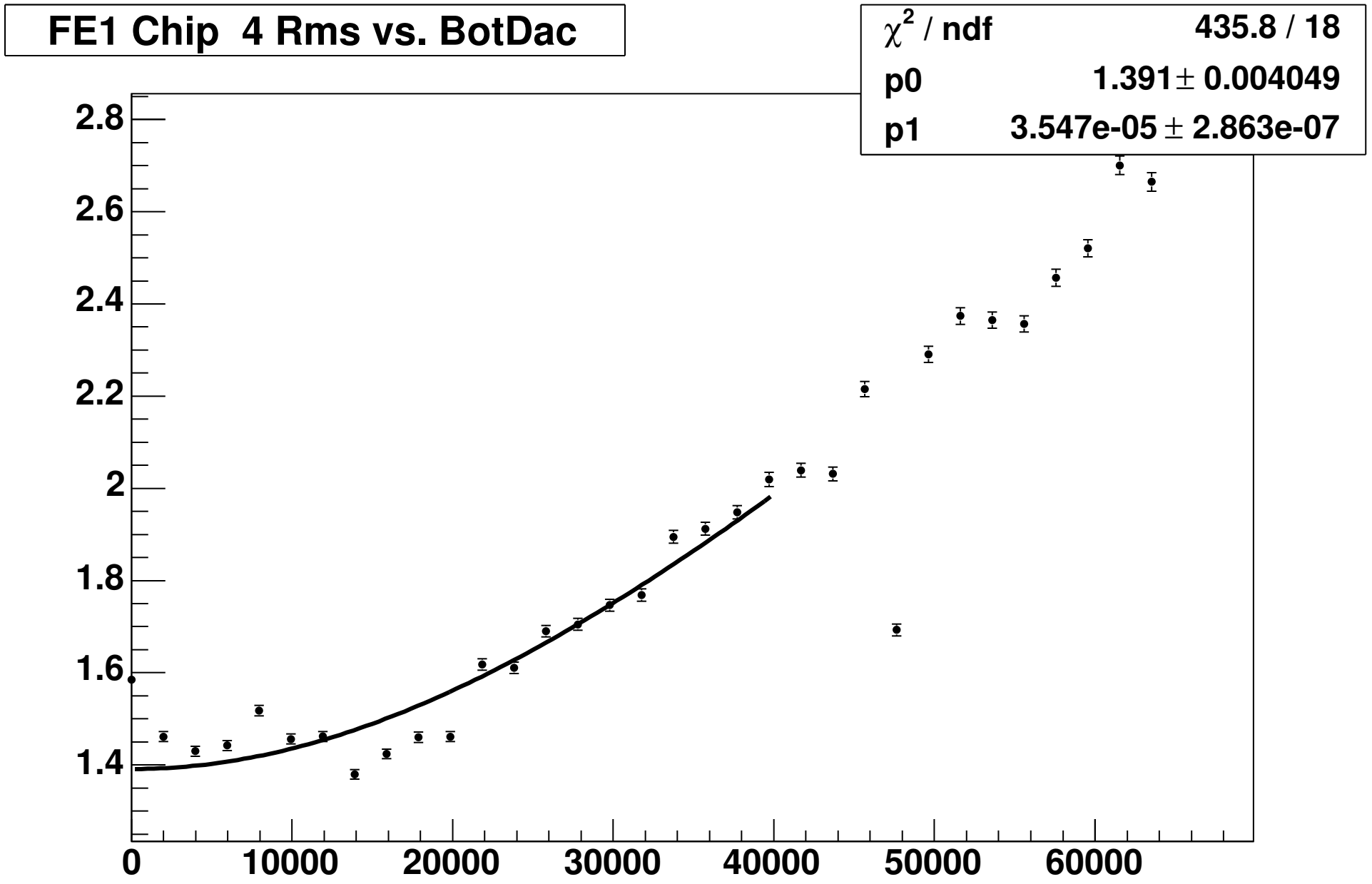
FE1 Chip 4 Rms vs. BotDac
χ² / ndf 435.8 / 18
p0 1.391 ± 0.004049
p1 3.547e-05 ± 2.863e-07
2.8
2.6
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2.2
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1.8
1.6
1.4
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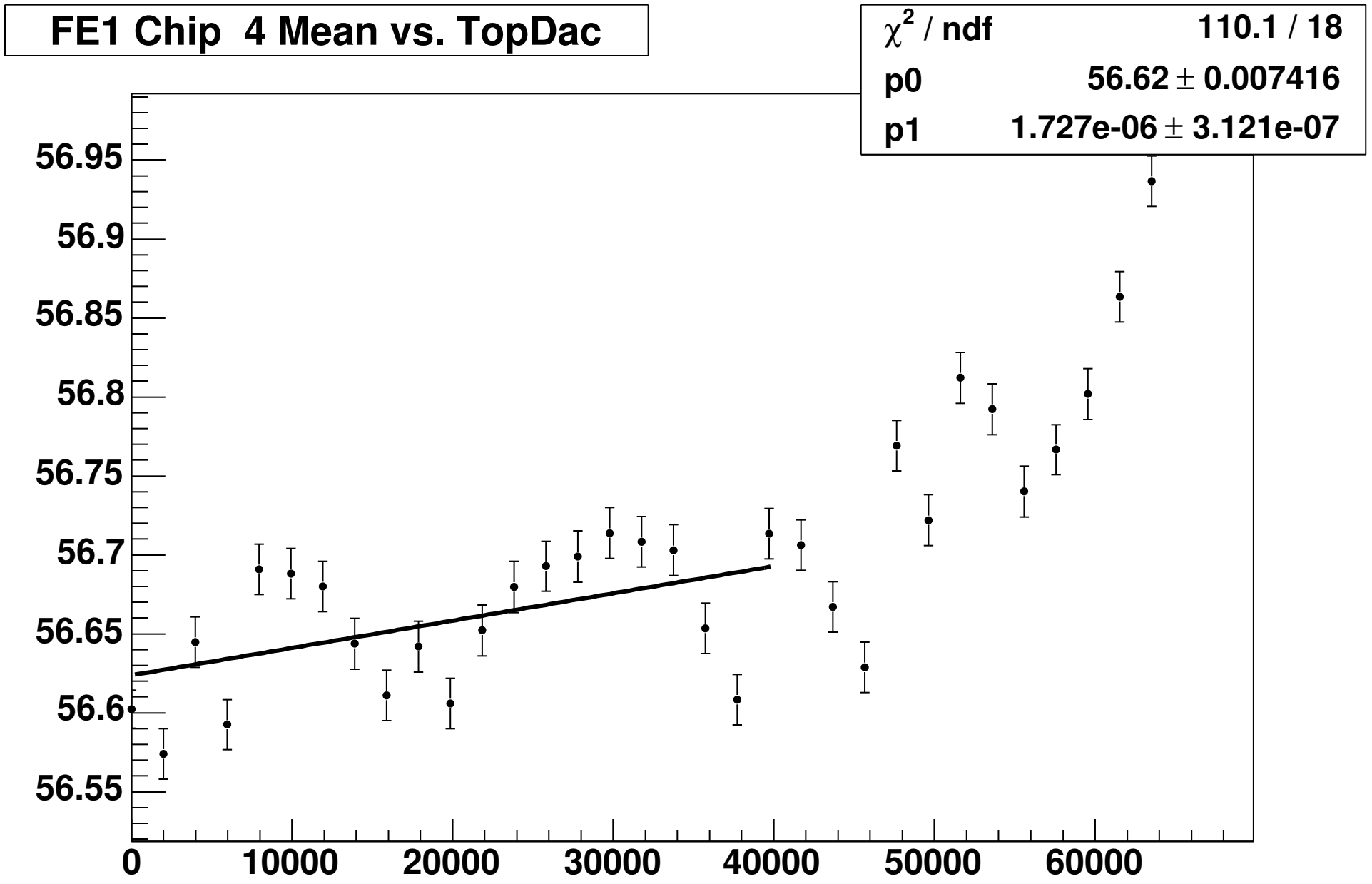
FE1 Chip 4 Mean vs. TopDac
χ² / ndf 110.1 / 18
p0 56.62 ± 0.007416
p1 1.727e-06 ± 3.121e-07
56.95
56.9
56.85
56.8
56.75
56.7
56.65
56.6
56.55
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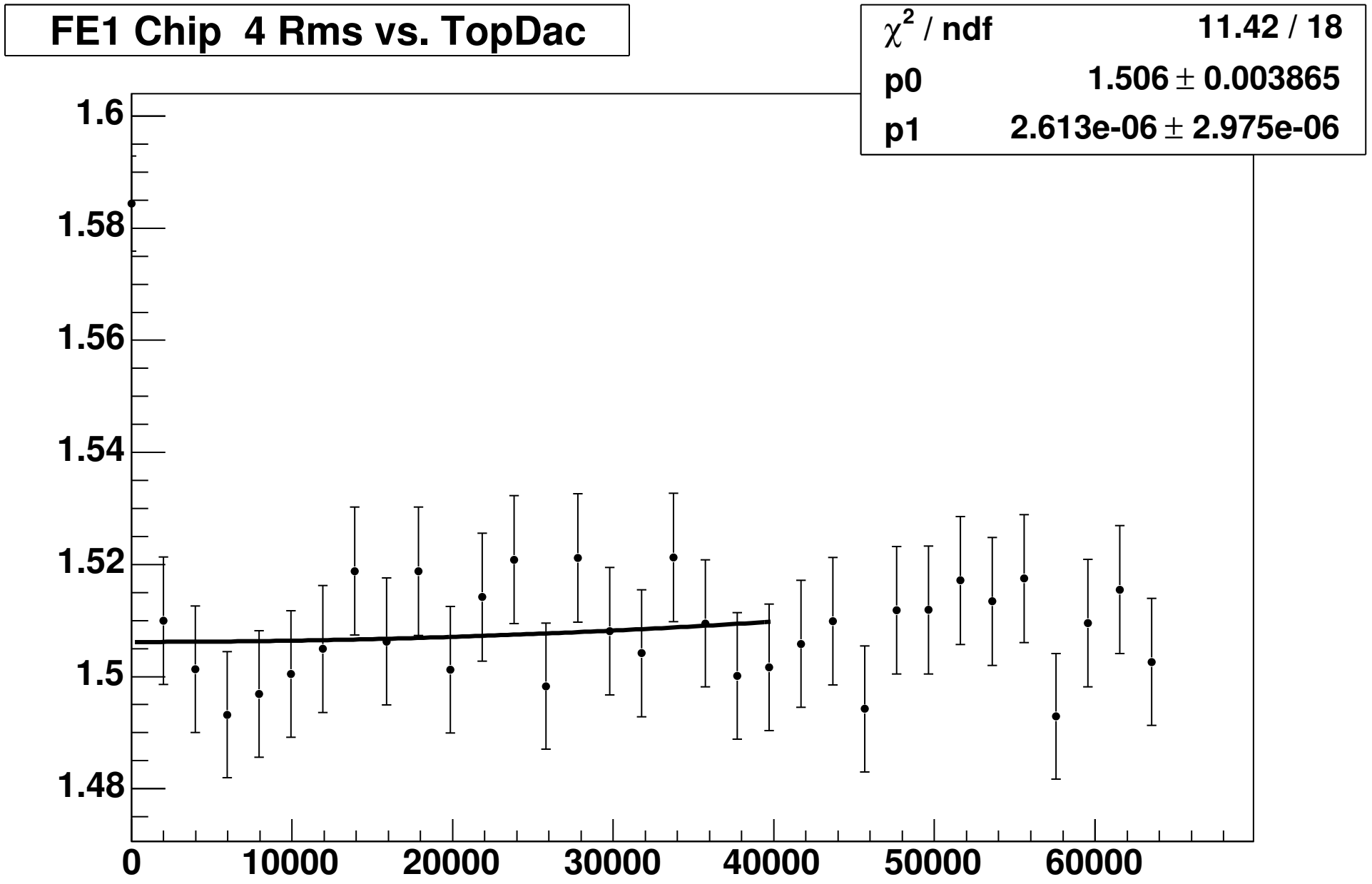
FE1 Chip 4 Rms vs. TopDac
χ² / ndf 11.42 / 18
p0 1.506 ± 0.003865
p1 2.613e-06 ± 2.975e-06
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1.54
1.52
1.5
1.48
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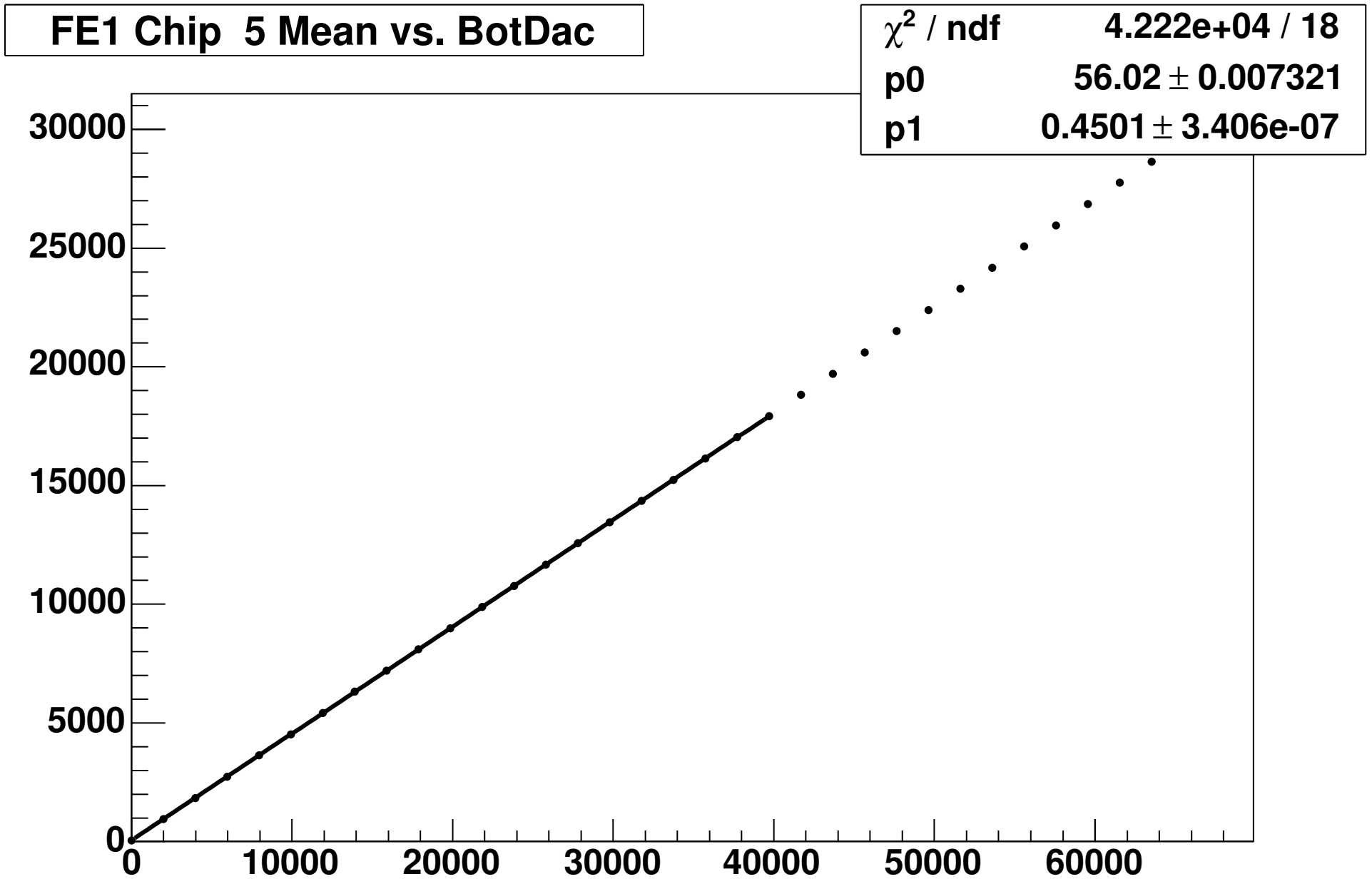
FE1 Chip 5 Mean vs. BotDac
χ² / ndf 4.222e+04 / 18
p0 56.02 ± 0.007321
p1 0.4501 ± 3.406e-07
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0
0
10000
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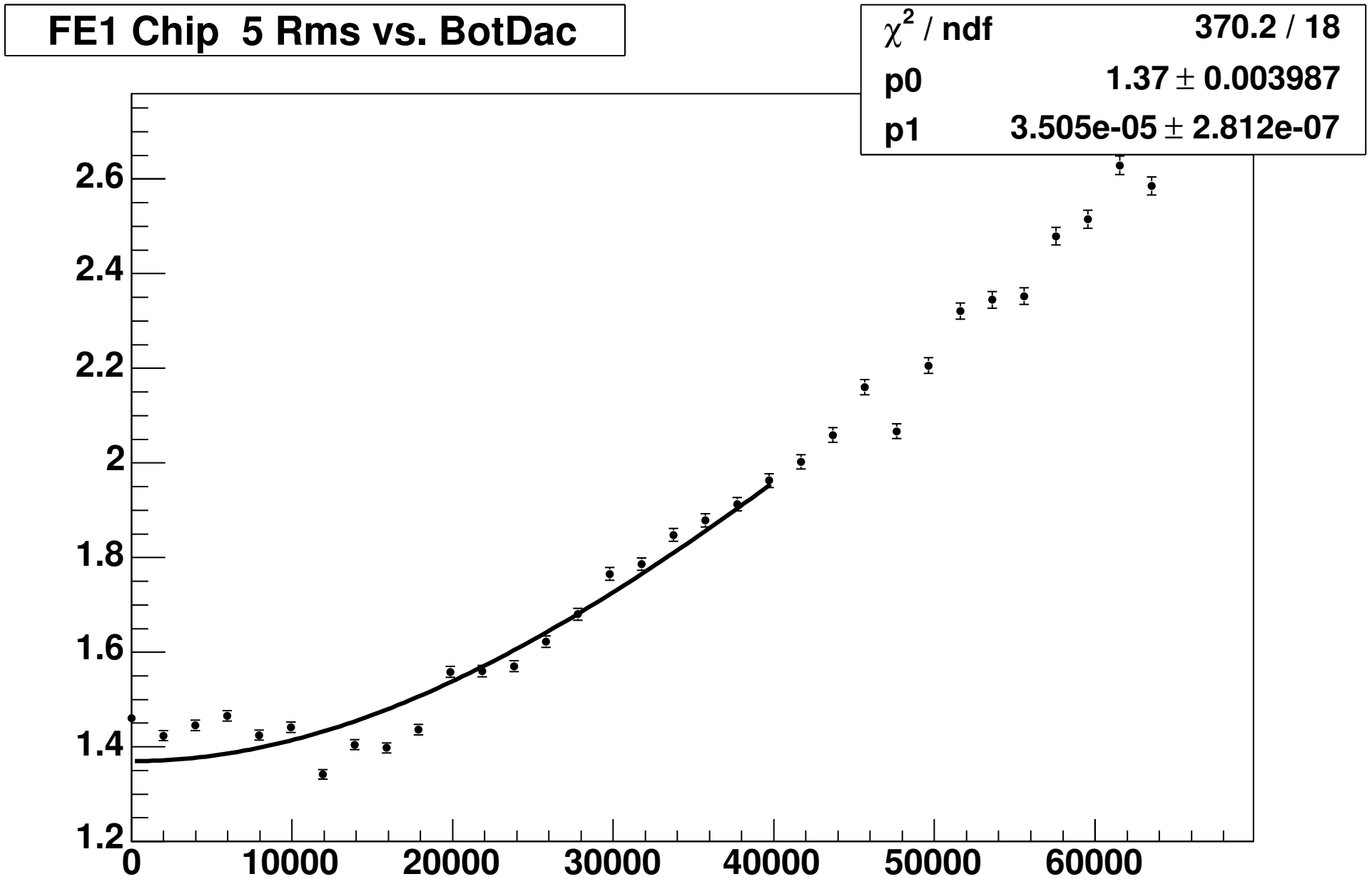
FE1 Chip 5 Rms vs. BotDac
χ² / ndf 370.2 / 18
p0 1.37 ± 0.003987
p1 3.505e-05 ± 2.812e-07
2.6
2.4
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1.8
1.6
1.4
1.2
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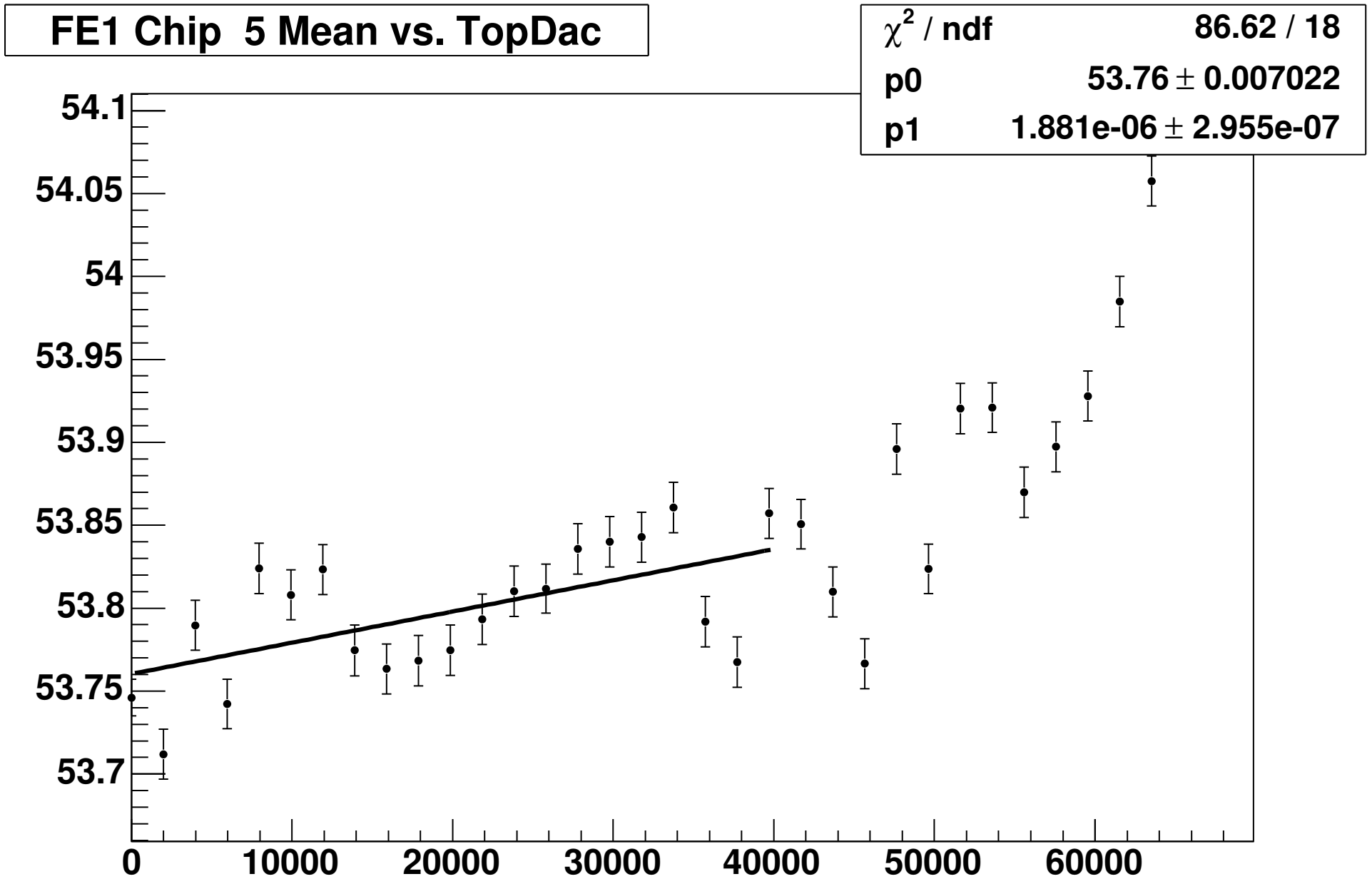
FE1 Chip 5 Mean vs. TopDac
χ² / ndf 86.62 / 18
p0 53.76 ± 0.007022
p1 1.881e-06 ± 2.955e-07
54.1
54.05
54
53.95
53.9
53.85
53.8
53.75
53.7
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10000
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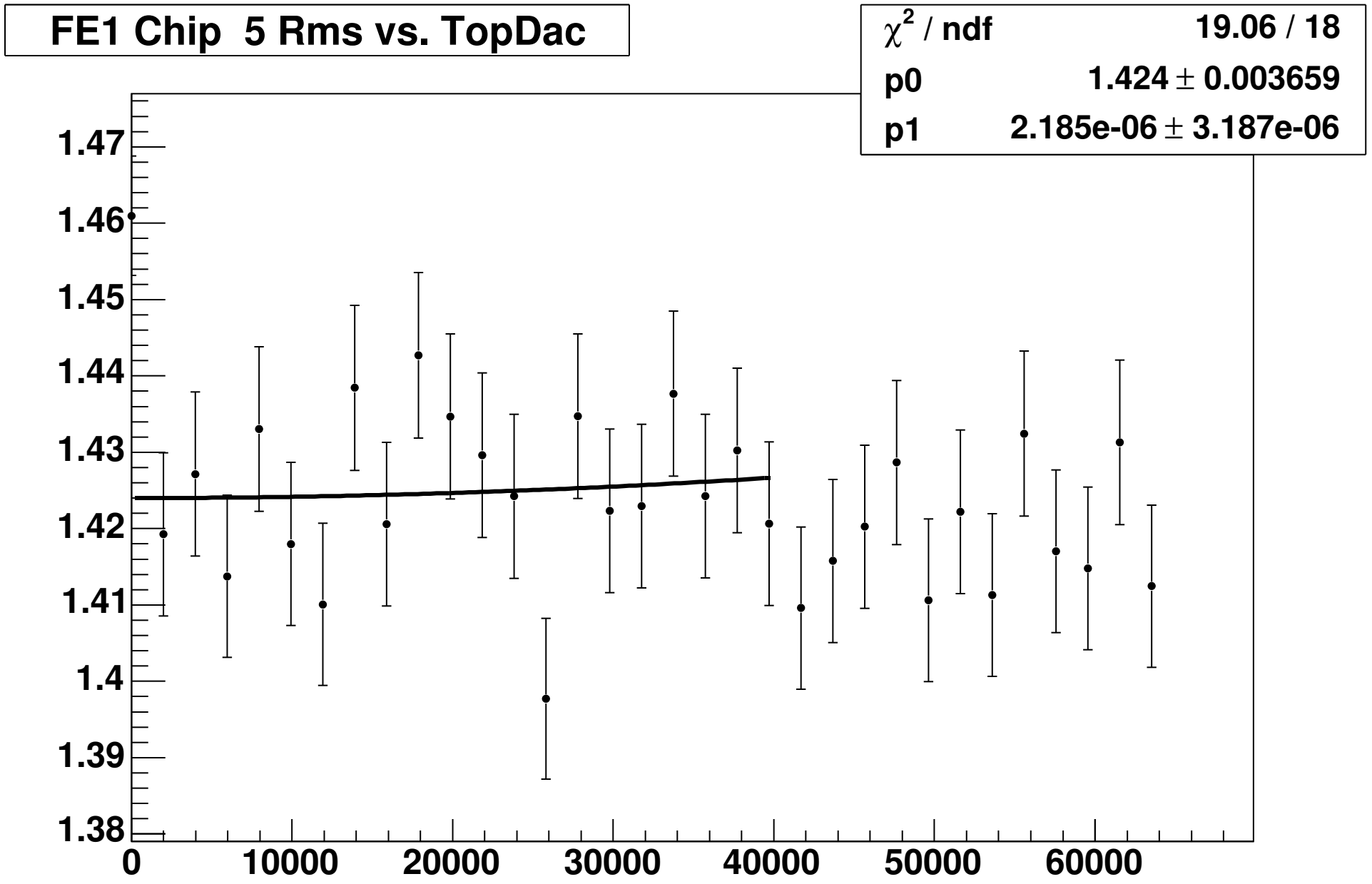
FE1 Chip 5 Rms vs. TopDac
χ² / ndf 19.06 / 18
p0 1.424 ± 0.003659
p1 2.185e-06 ± 3.187e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
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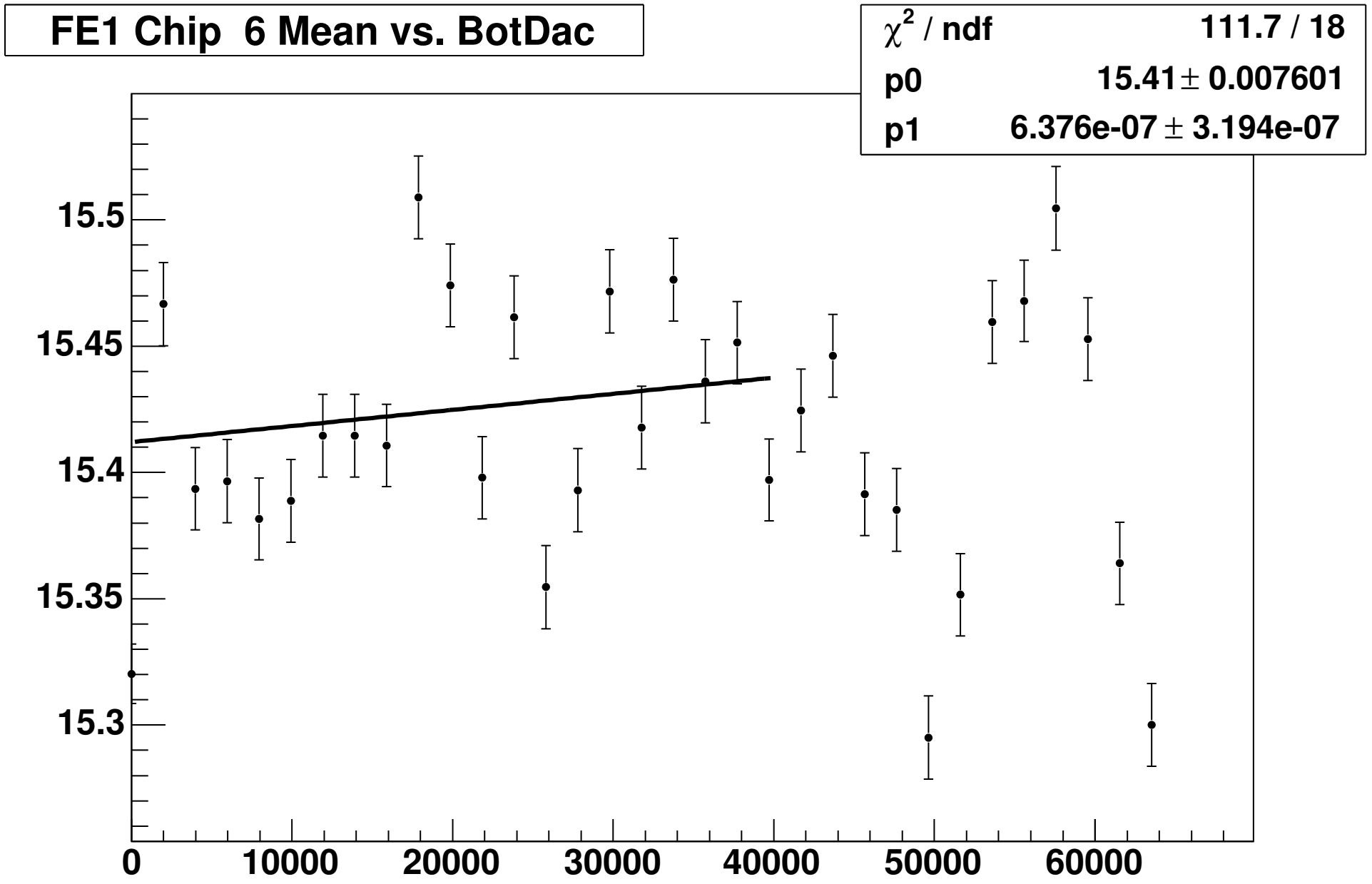
FE1 Chip 6 Mean vs. BotDac
χ² / ndf 111.7 / 18
p0 15.41 ± 0.007601
p1 6.376e-07 ± 3.194e-07
15.5
15.45
15.4
15.35
15.3
0
10000
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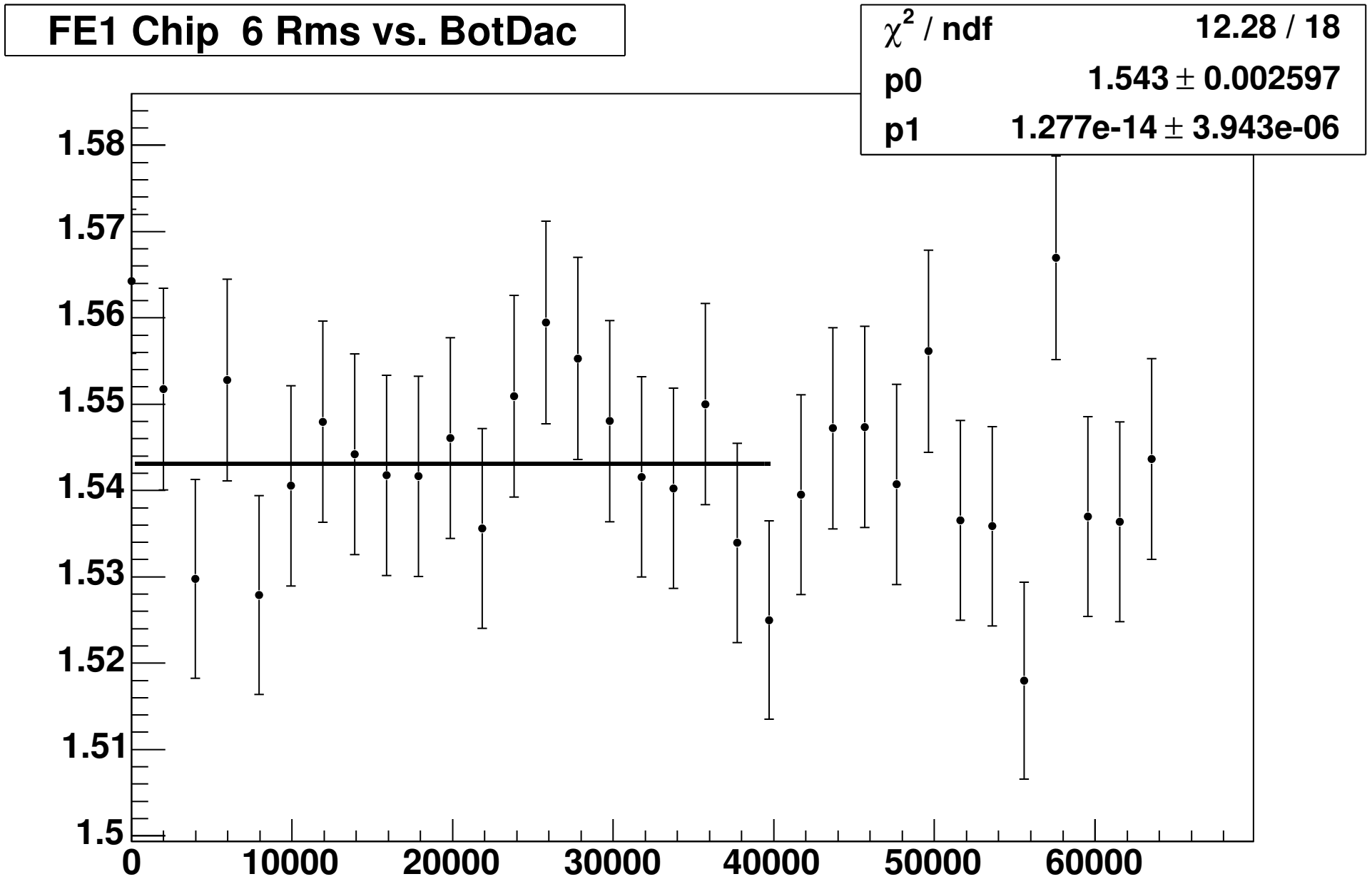
30000
40000
50000
60000


FE1 Chip 6 Rms vs. BotDac
χ² / ndf 12.28 / 18
p0 1.543 ± 0.002597
p1 1.277e-14 ± 3.943e-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
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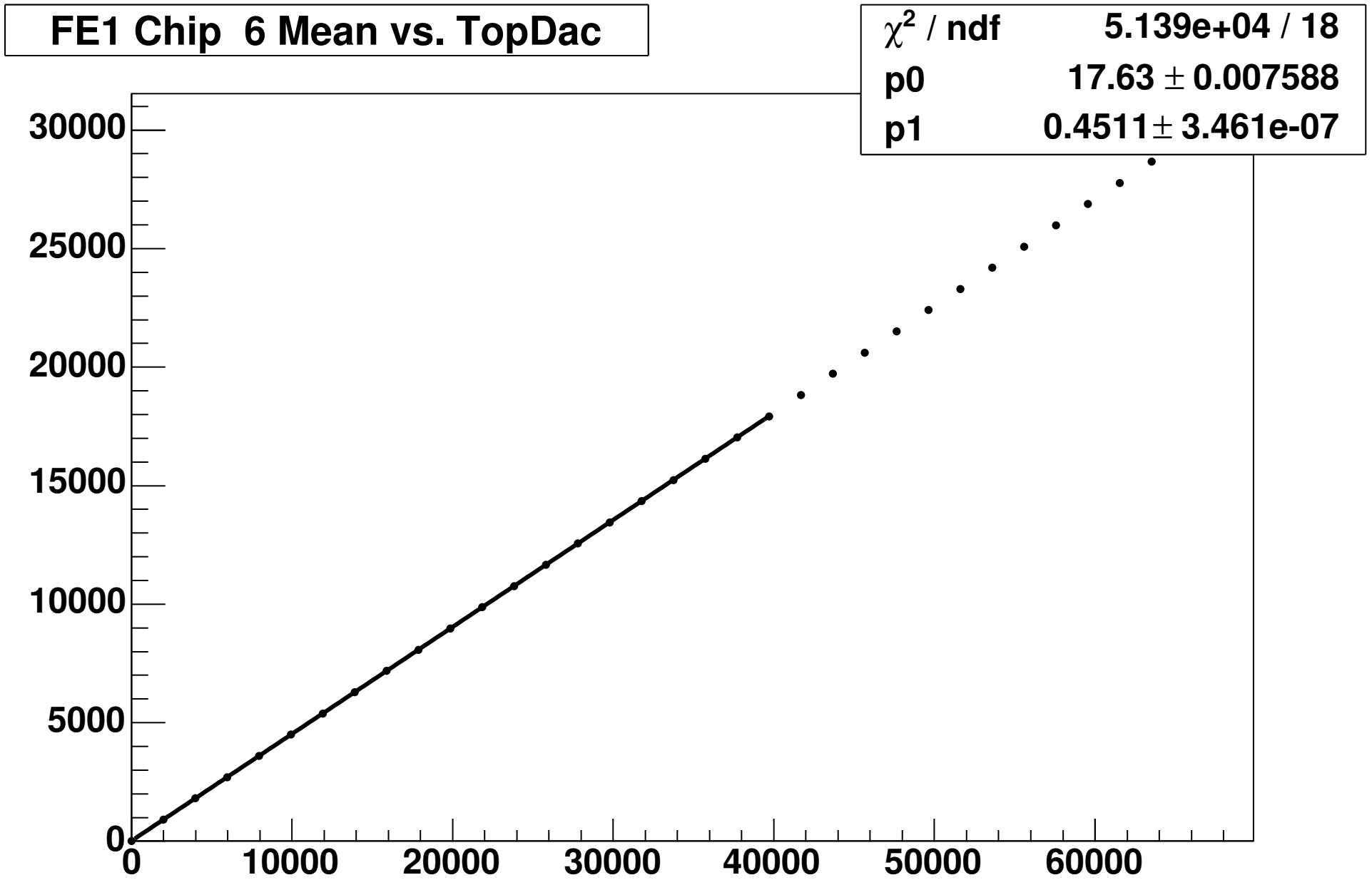
60000


FE1 Chip 6 Mean vs. TopDac
χ² / ndf 5.139e+04 / 18
p0 17.63 ± 0.007588
p1 0.4511 ± 3.461e-07
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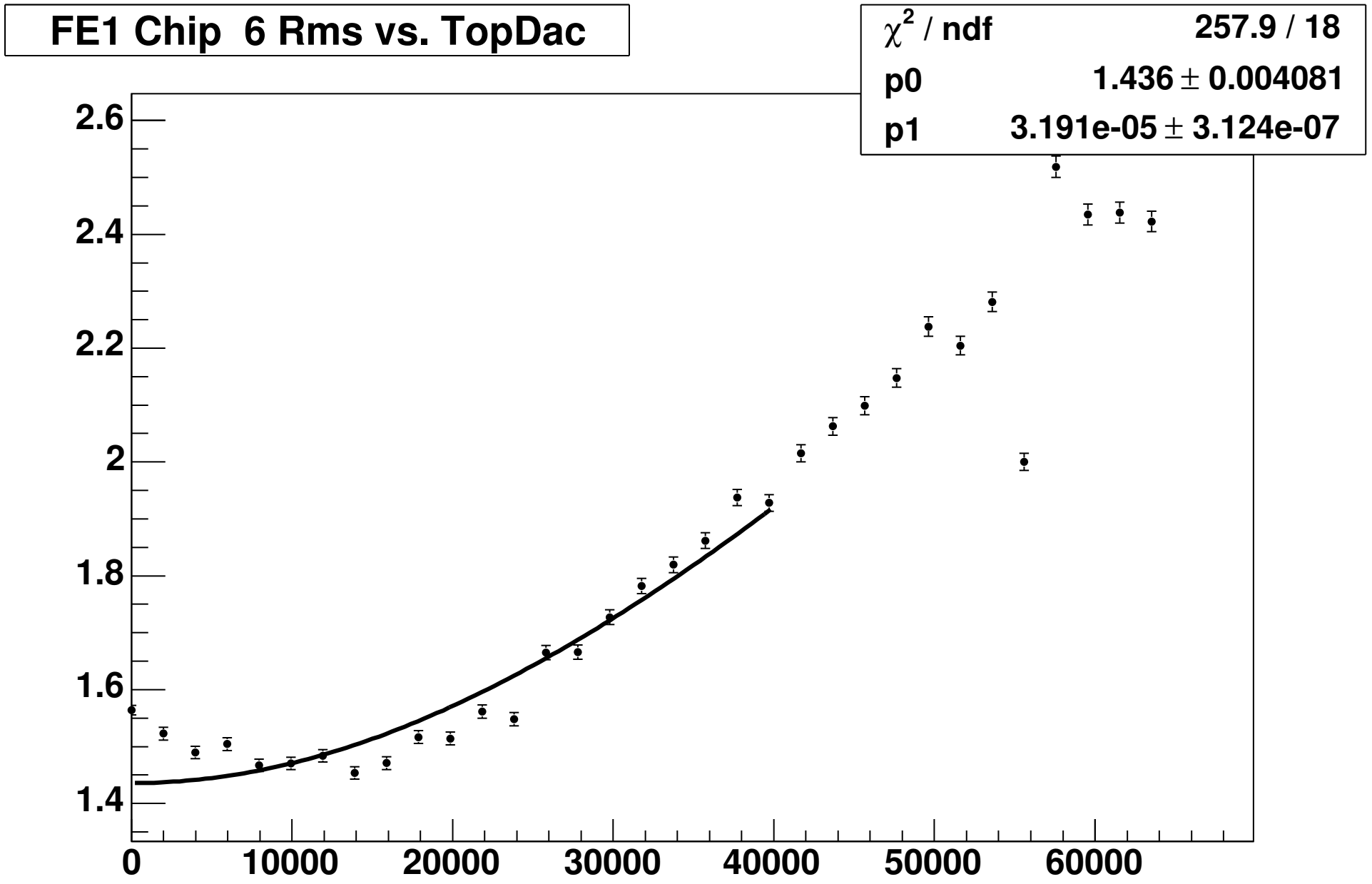
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 6 Rms vs. TopDac
χ² / ndf 257.9 / 18
p0 1.436 ± 0.004081
p1 3.191e-05 ± 3.124e-07
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2.4
2.2
2
1.8
1.6
1.4
0
10000
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50000
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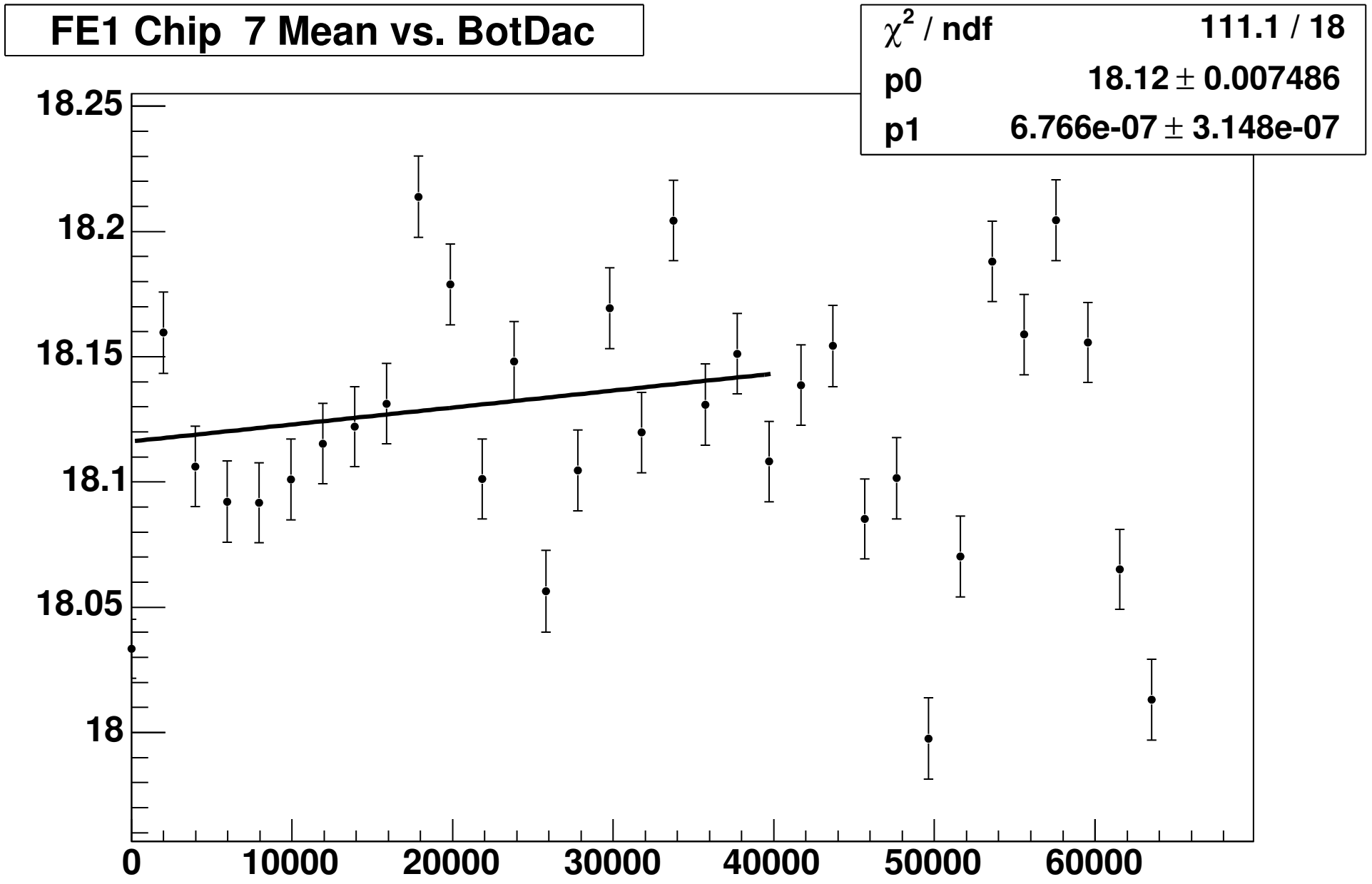
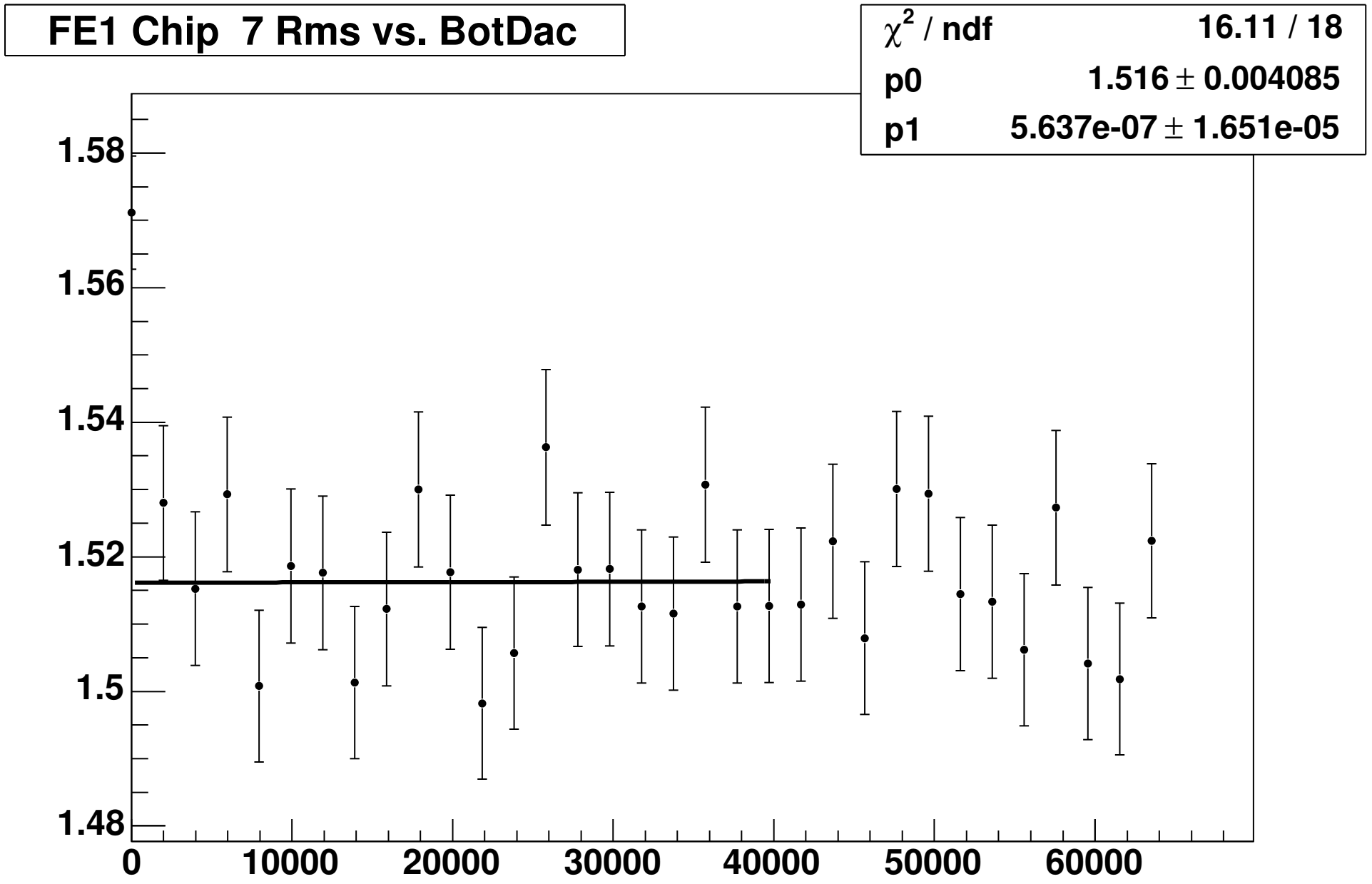

FE1 Chip 7 Mean vs. BotDac
χ² / ndf 111.1 / 18
p0 18.12 ± 0.007486
p1 6.766e-07 ± 3.148e-07
18.25
18.2
18.15
18.1
18.05
18
0
10000
20000
30000
40000
50000
60000


FE1 Chip 7 Rms vs. BotDac
χ² / ndf 16.11 / 18
p0 1.516 ± 0.004085
p1 5.637e-07 ± 1.651e-05
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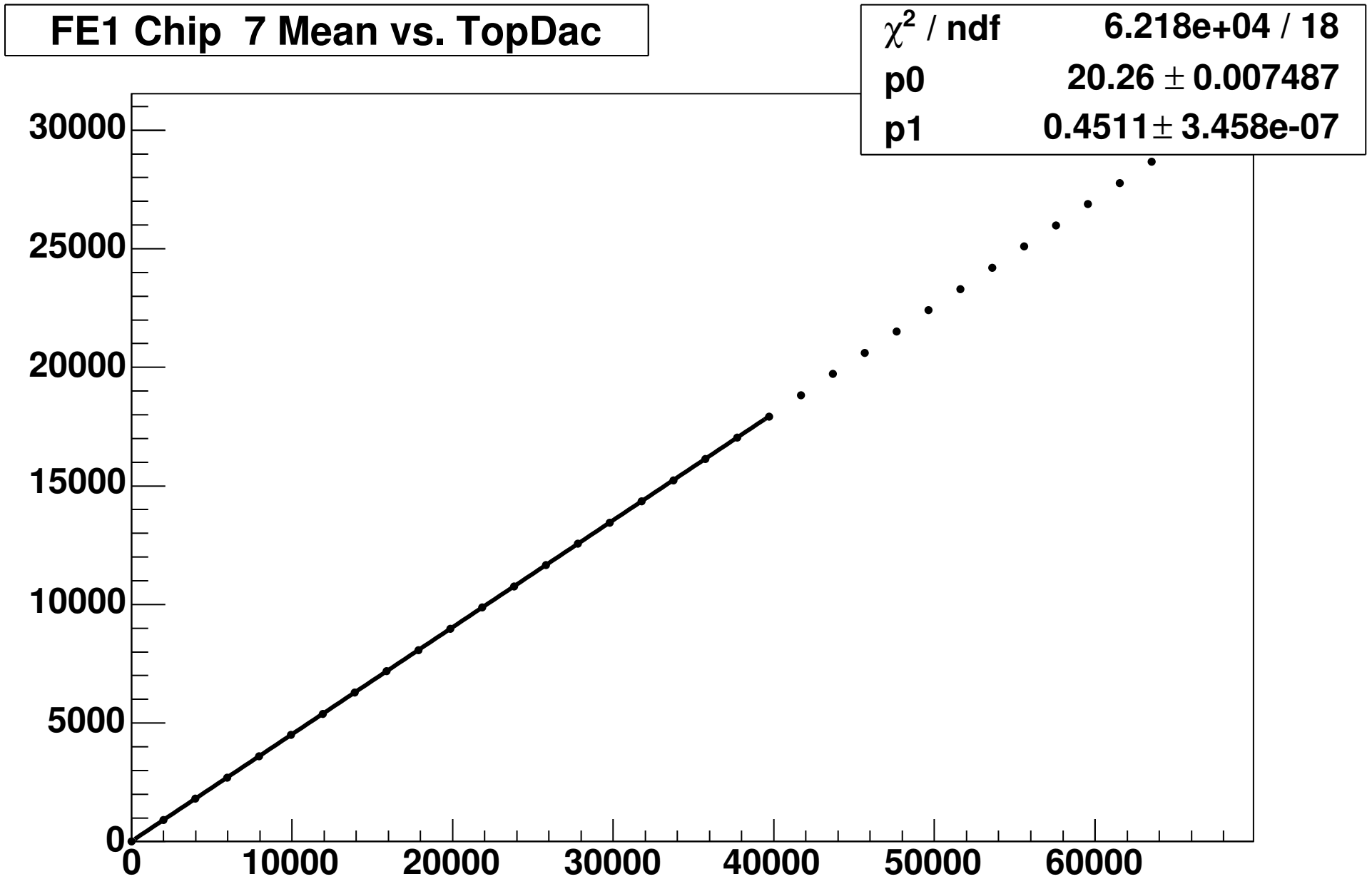
1.56
1.54
1.52
1.5
1.48
0
10000
20000
30000
40000
50000
60000


FE1 Chip 7 Mean vs. TopDac
χ² / ndf 6.218e+04 / 18
p0 20.26 ± 0.007487
p1 0.4511 ± 3.458e-07
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5000
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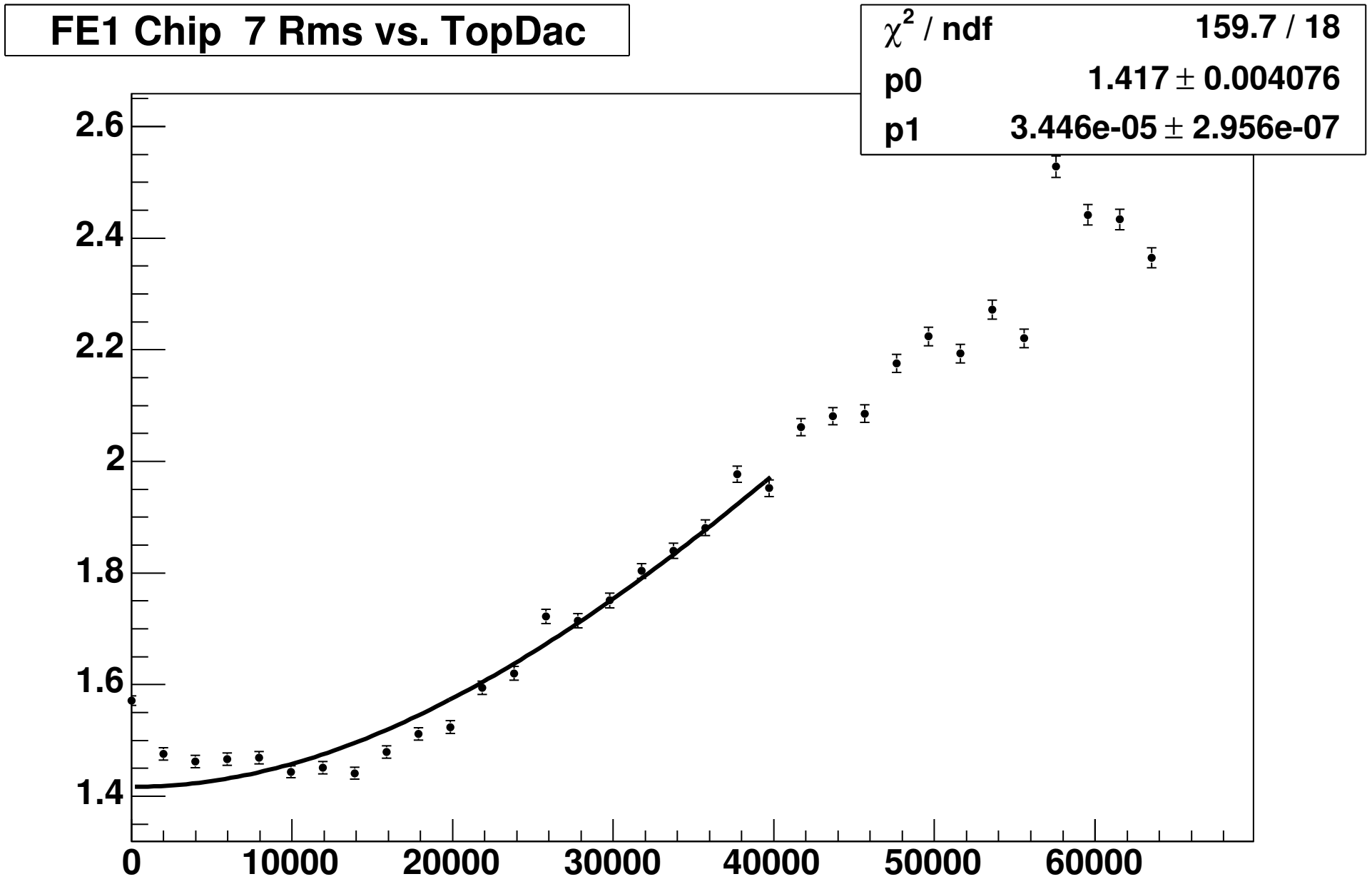
10000
20000
30000
40000
50000
60000


FE1 Chip 7 Rms vs. TopDac
χ² / ndf 159.7 / 18
p0 1.417 ± 0.004076
p1 3.446e-05 ± 2.956e-07
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2.4
2.2
2
1.8
1.6
1.4
0
10000
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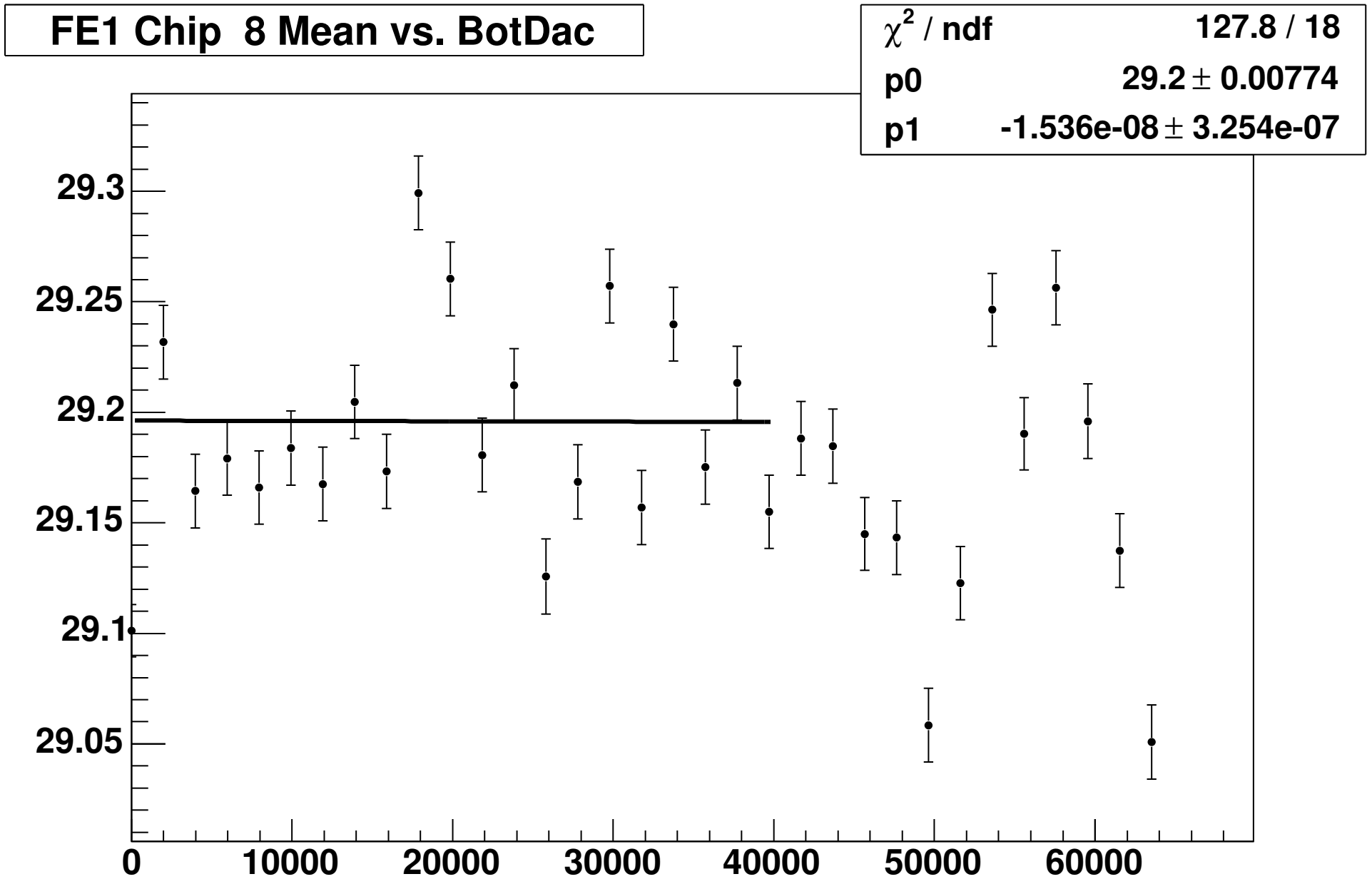
40000
50000
60000


FE1 Chip 8 Mean vs. BotDac
χ² / ndf 127.8 / 18
p0 29.2 ± 0.00774
p1 -1.536e-08 ± 3.254e-07
29.3
29.25
29.2
29.15
29.1
29.05
0
10000
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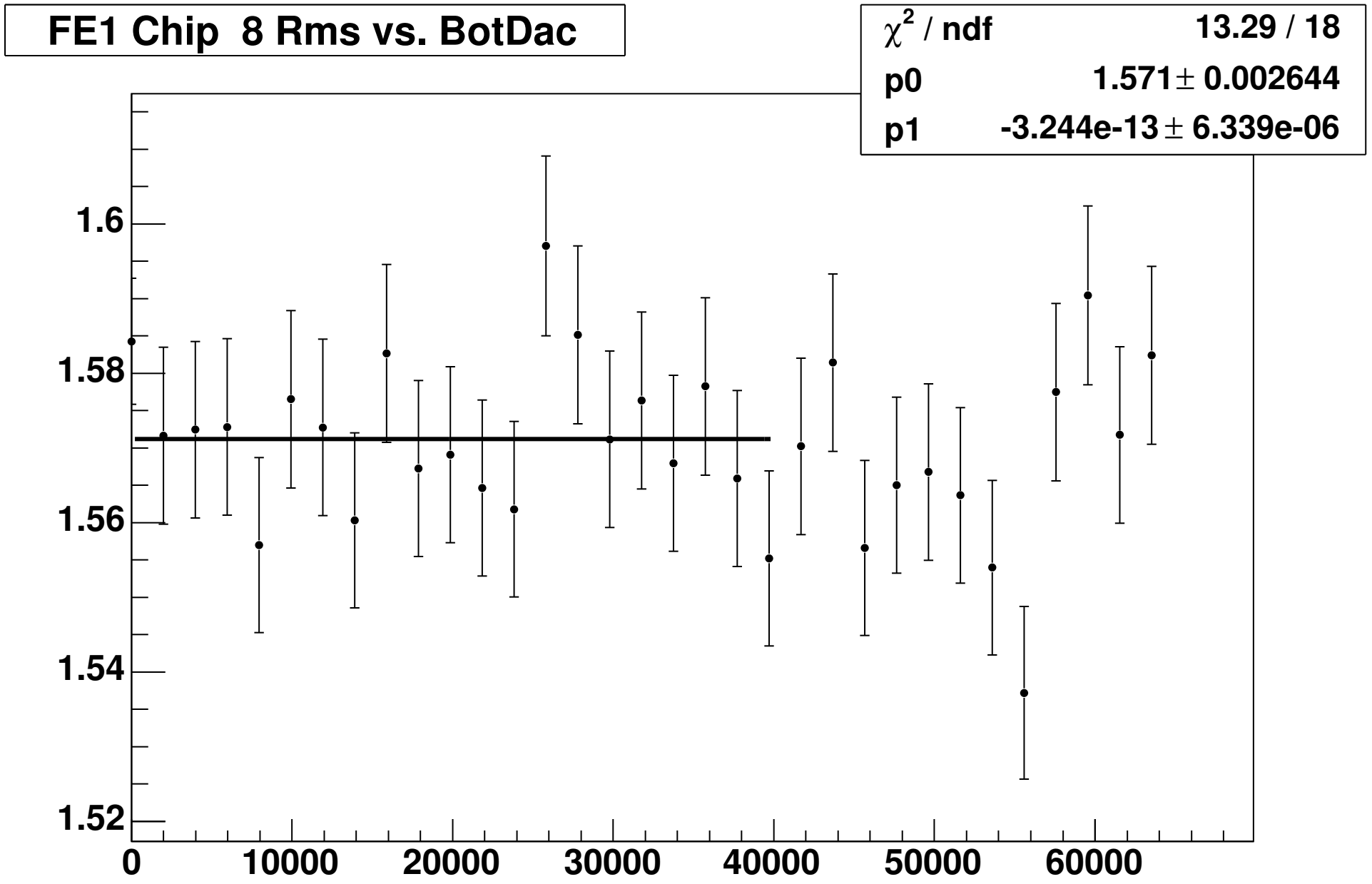
30000
40000
50000
60000


FE1 Chip 8 Rms vs. BotDac
χ² / ndf 13.29 / 18
p0 1.571 ± 0.002644
p1 -3.244e-13 ± 6.339e-06
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1.58
1.56
1.54
1.52
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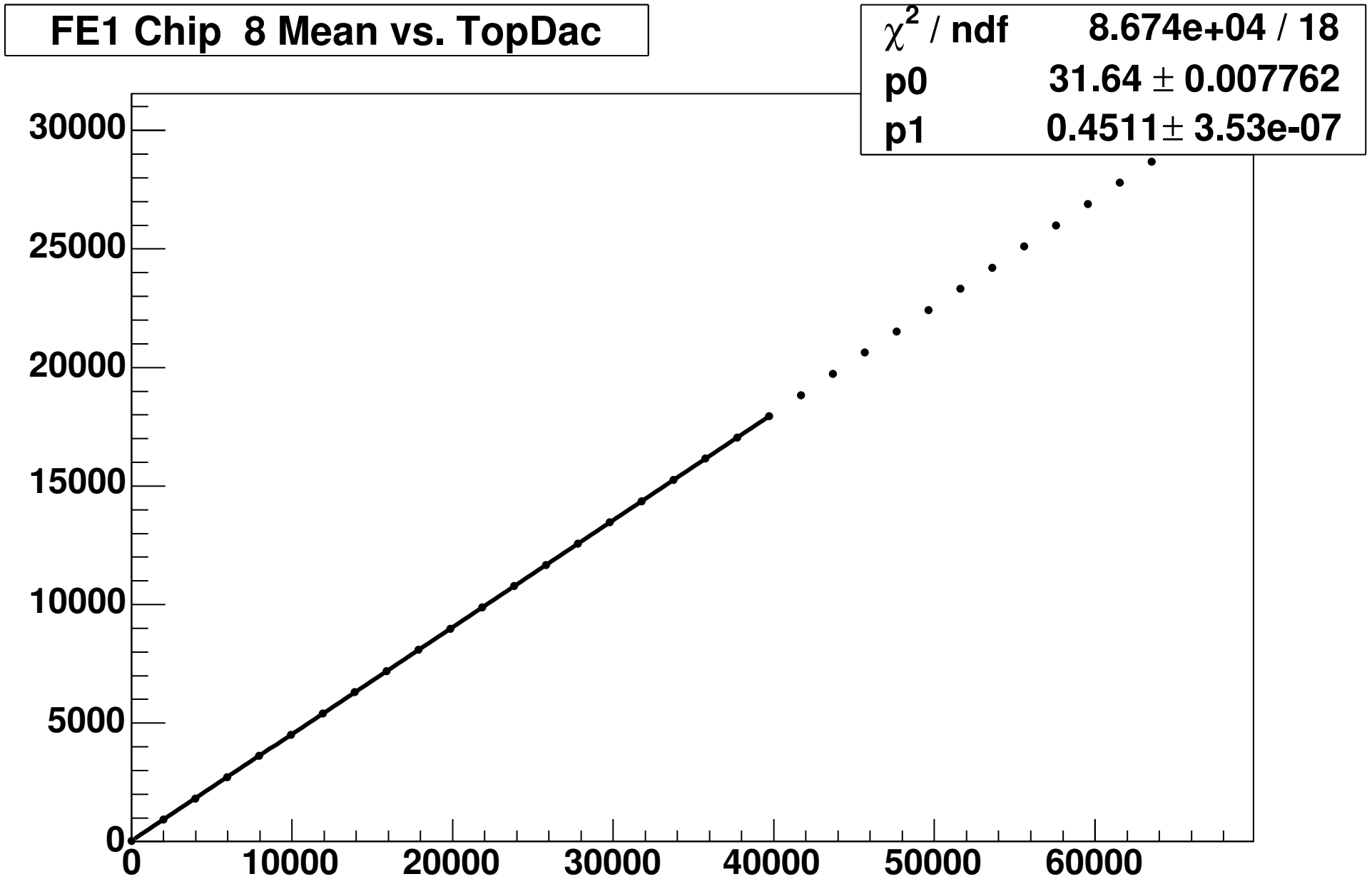
FE1 Chip 8 Mean vs. TopDac
χ² / ndf 8.674e+04 / 18
p0 31.64 ± 0.007762
p1 0.4511 ± 3.53e-07
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0
10000
20000
30000
40000
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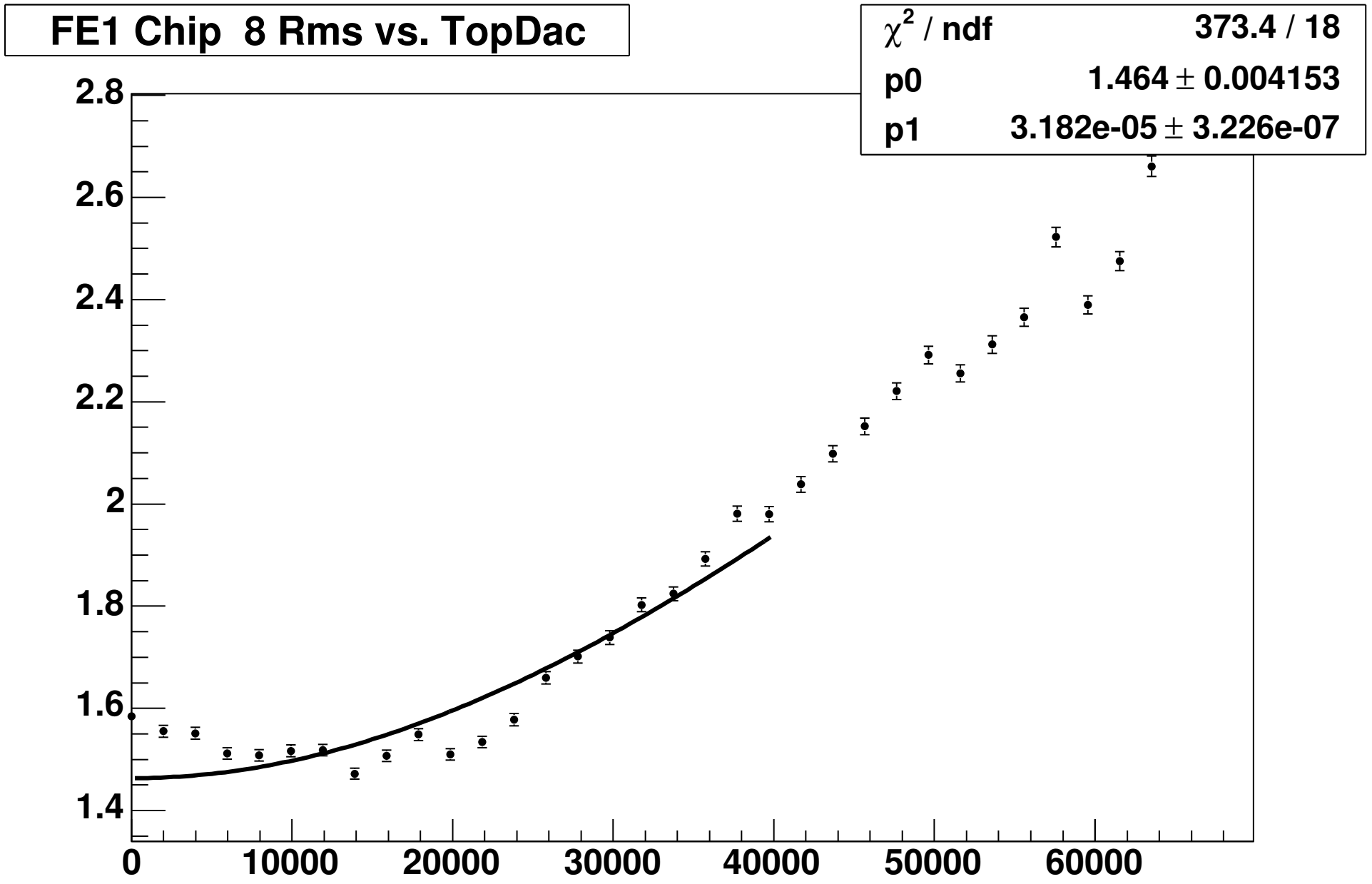
FE1 Chip 8 Rms vs. TopDac
χ² / ndf 373.4 / 18
p0 1.464 ± 0.004153
p1 3.182e-05 ± 3.226e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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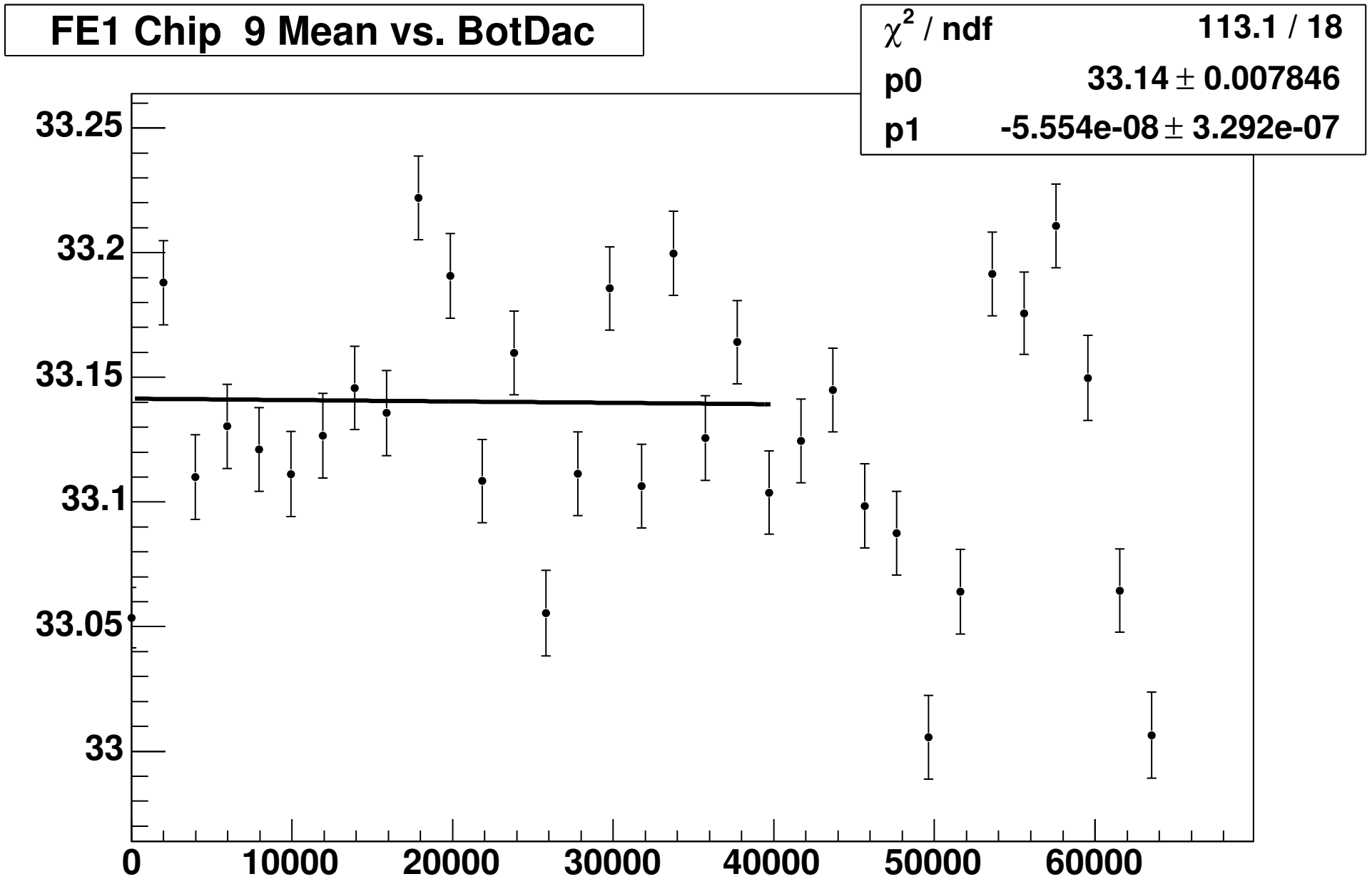
FE1 Chip 9 Mean vs. BotDac
χ² / ndf 113.1 / 18
p0 33.14 ± 0.007846
p1 -5.554e-08 ± 3.292e-07
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33.2
33.15
33.1
33.05
33
0
10000
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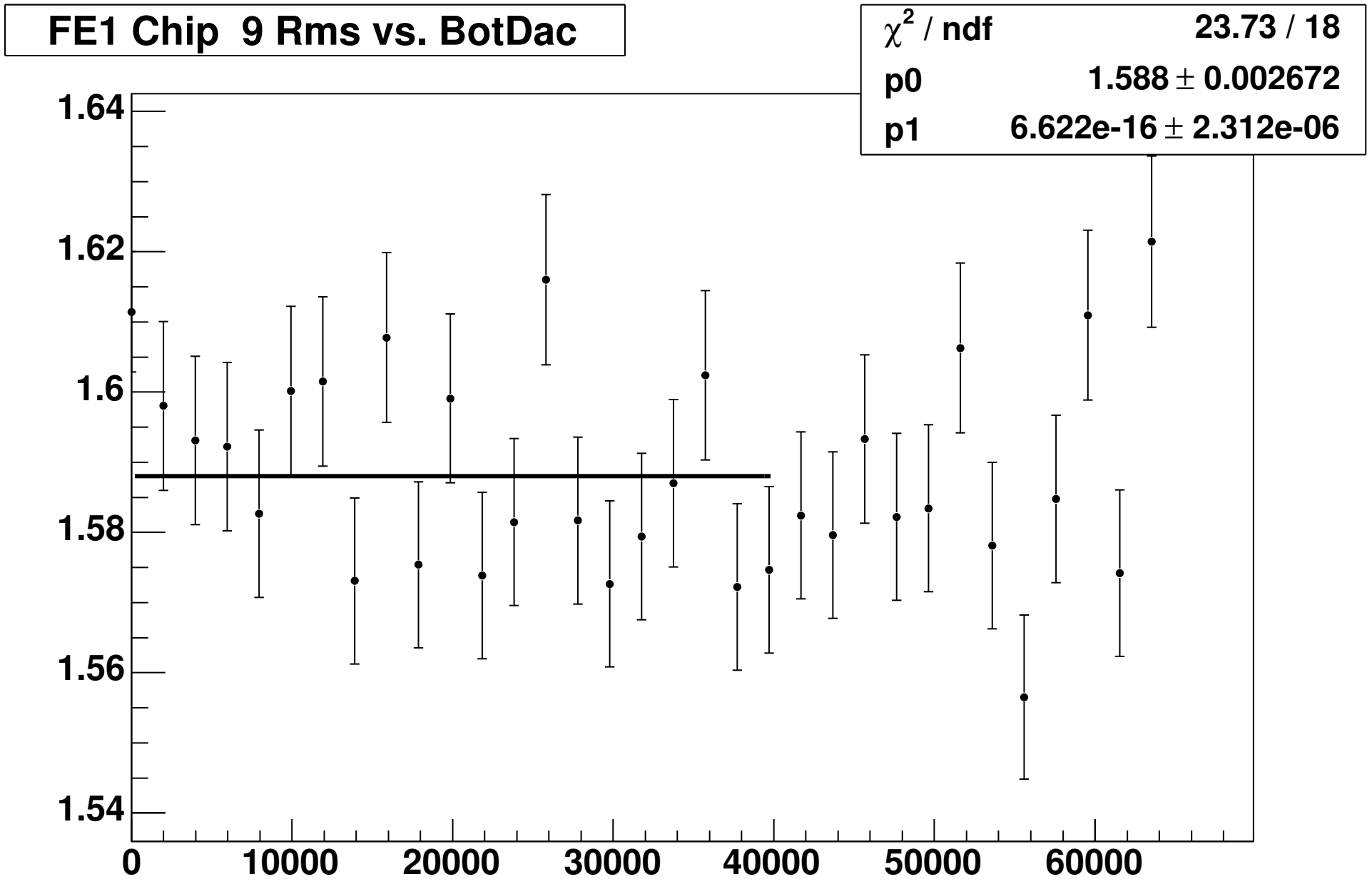
FE1 Chip 9 Rms vs. BotDac
χ² / ndf 23.73 / 18
p0 1.588 ± 0.002672
p1 6.622e-16 ± 2.312e-06
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1.62
1.6
1.58
1.56
1.54
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10000
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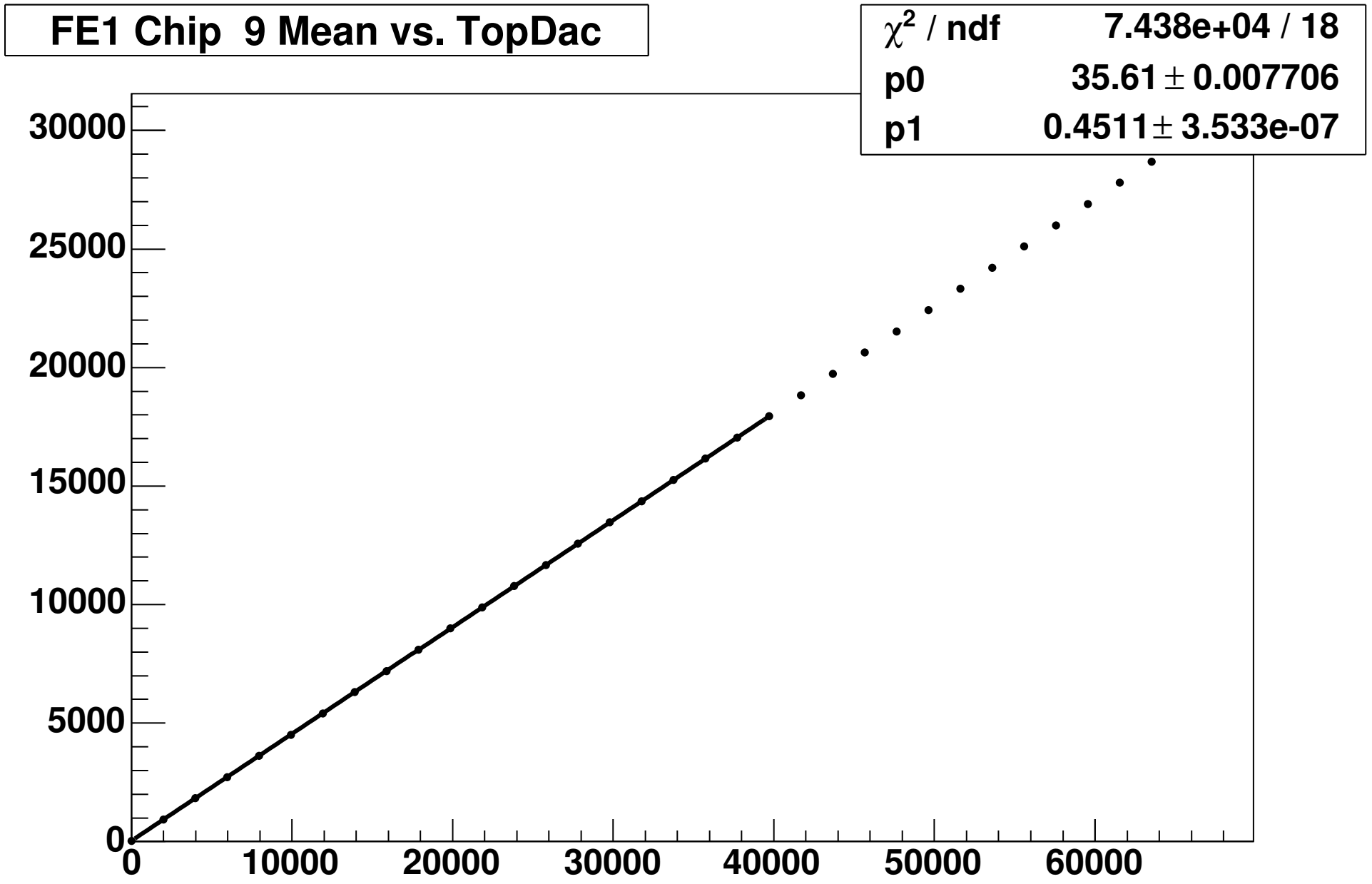
FE1 Chip 9 Mean vs. TopDac
χ² / ndf 7.438e+04 / 18
p0 35.61 ± 0.007706
p1 0.4511 ± 3.533e-07
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10000
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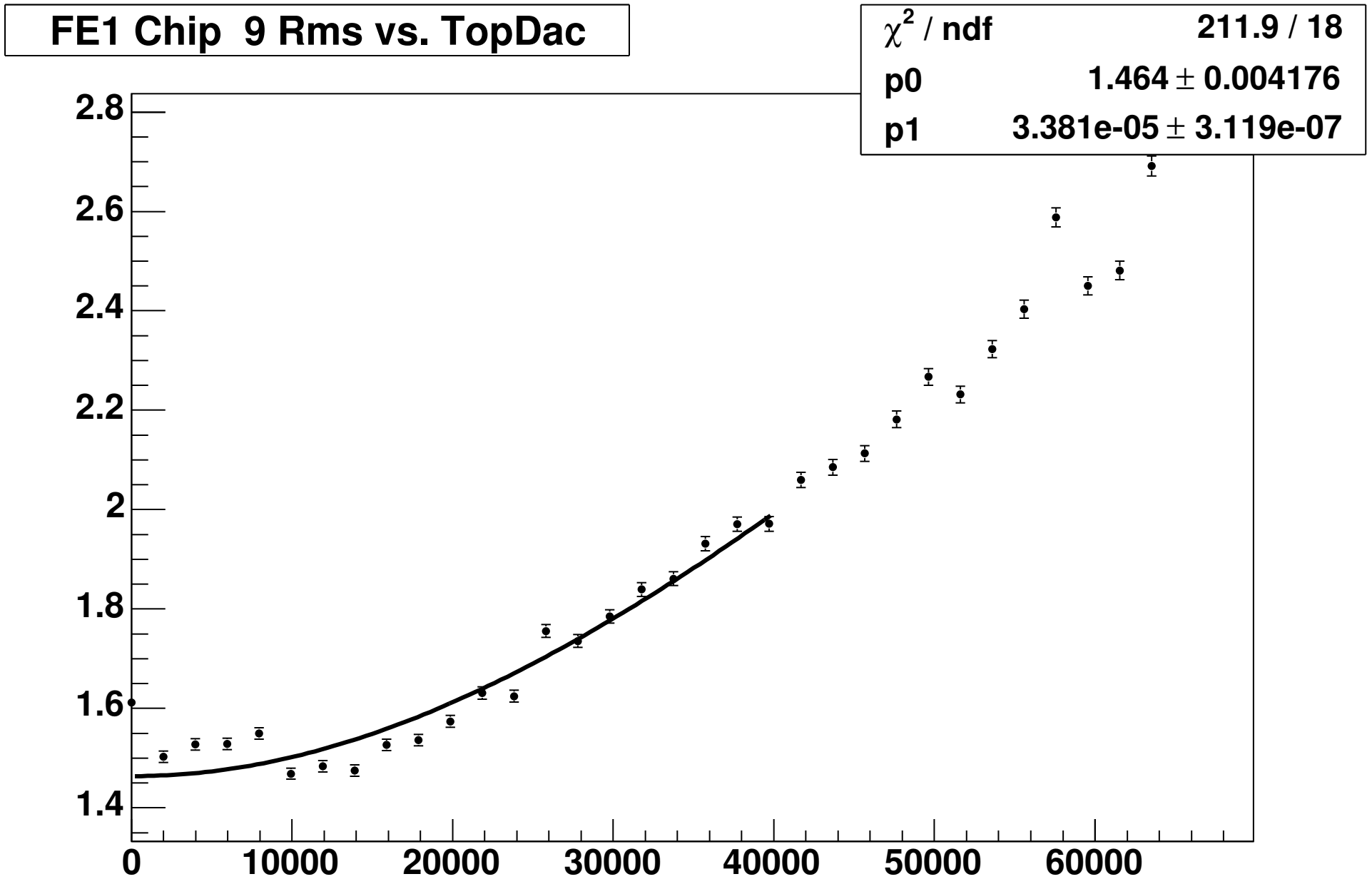
30000
40000
50000
60000


FE1 Chip 9 Rms vs. TopDac
χ² / ndf 211.9 / 18
p0 1.464 ± 0.004176
p1 3.381e-05 ± 3.119e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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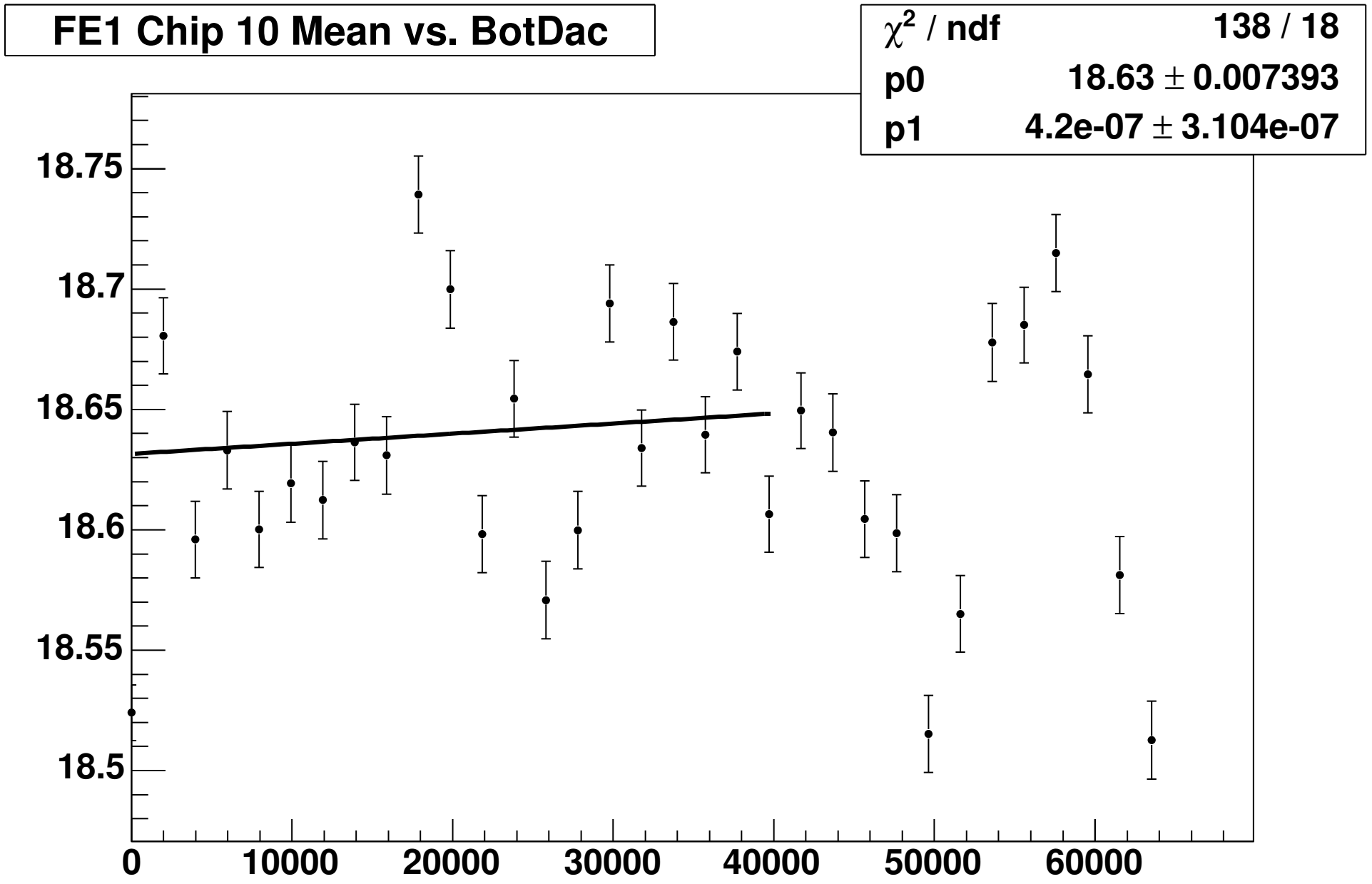
FE1 Chip 10 Mean vs. BotDac
χ² / ndf 138 / 18
p0 18.63 ± 0.007393
p1 4.2e-07 ± 3.104e-07
18.75
18.7
18.65
18.6
18.55
18.5
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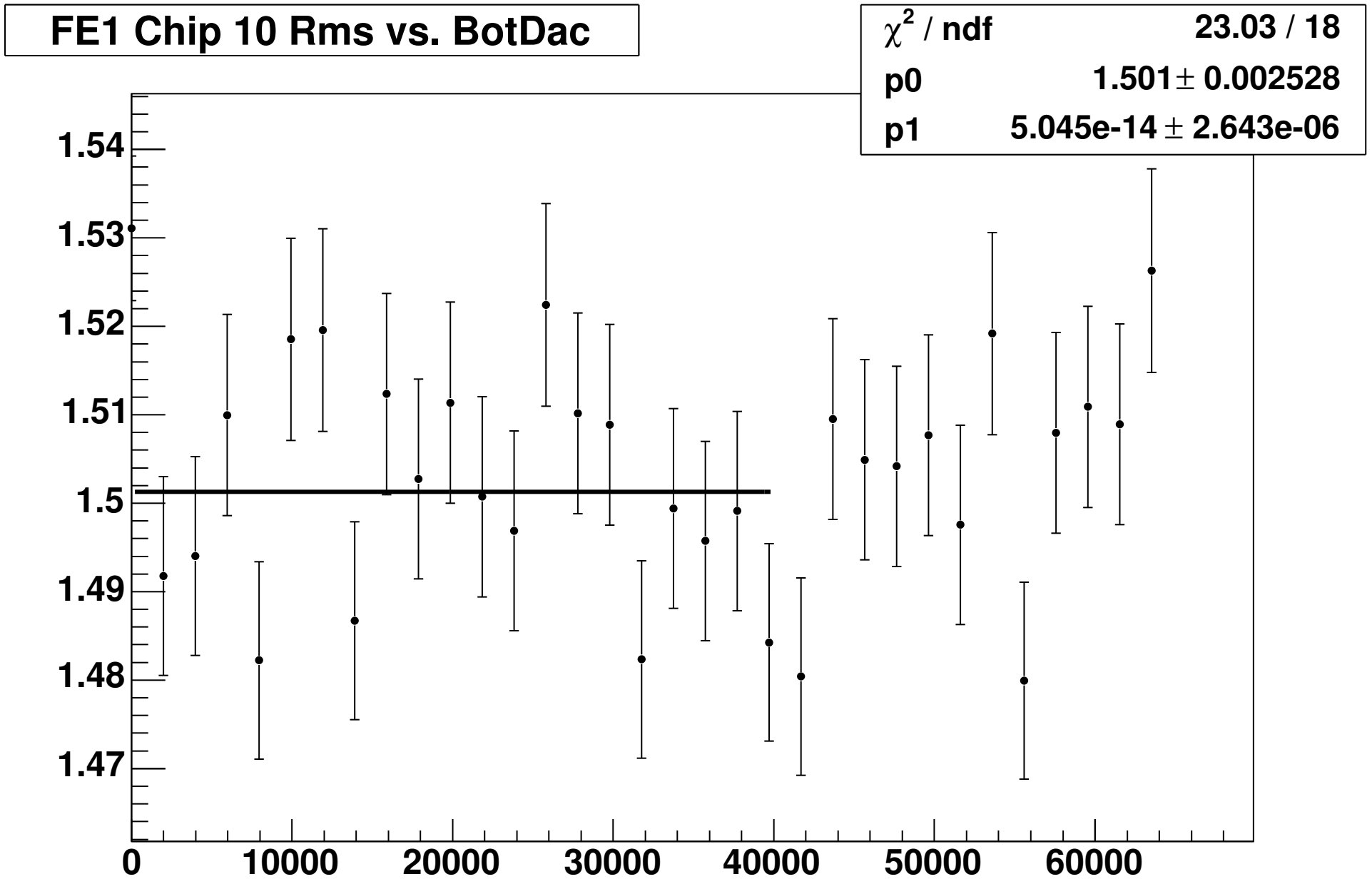
60000


FE1 Chip 10 Rms vs. BotDac
χ² / ndf 23.03 / 18
p0 1.501 ± 0.002528
p1 5.045e-14 ± 2.643e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
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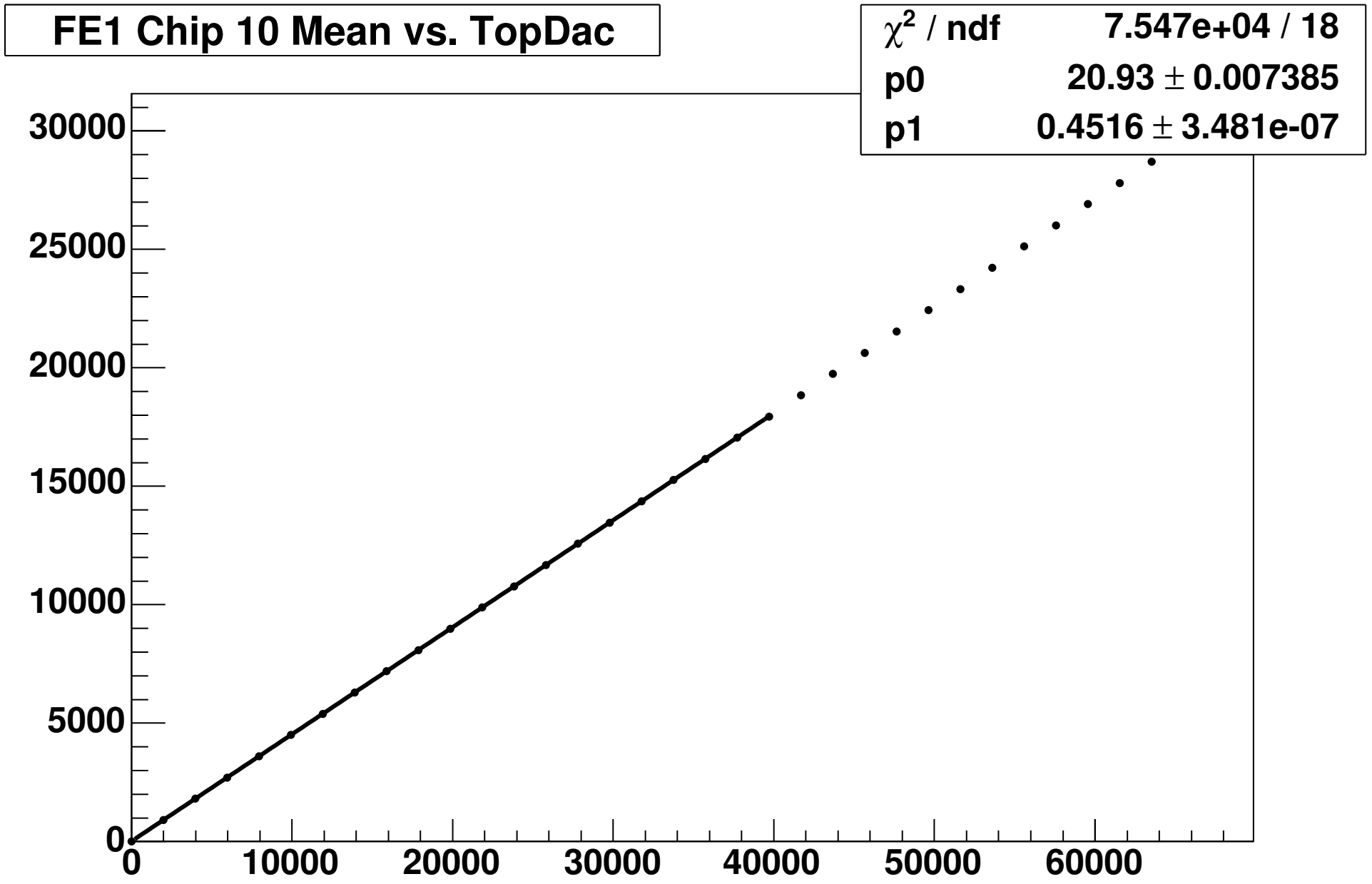
FE1 Chip 10 Mean vs. TopDac
χ² / ndf 7.547e+04 / 18
p0 20.93 ± 0.007385
p1 0.4516 ± 3.481e-07
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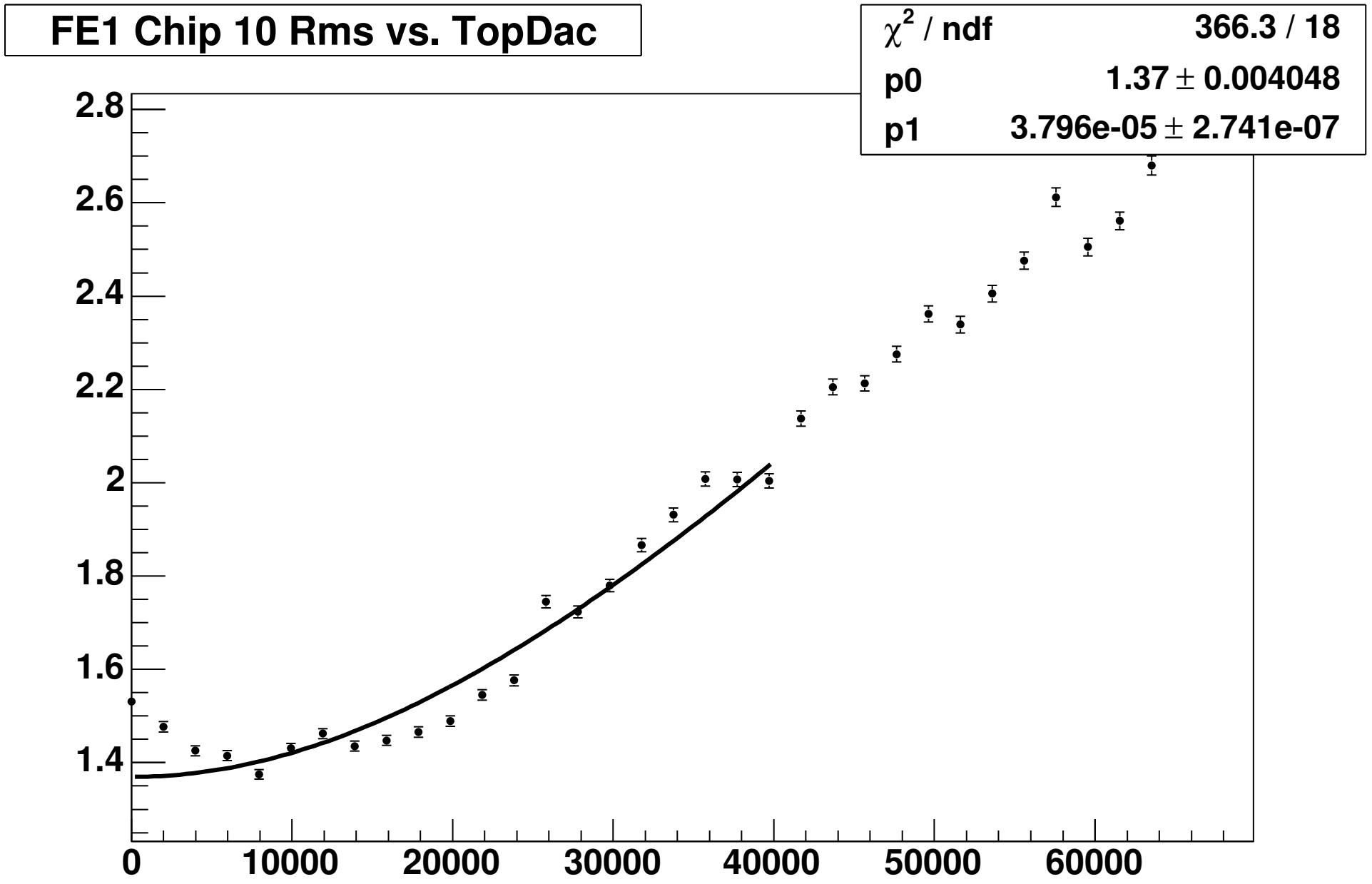
10000
20000
30000
40000
50000
60000


FE1 Chip 10 Rms vs. TopDac
χ² / ndf 366.3 / 18
p0 1.37 ± 0.004048
p1 3.796e-05 ± 2.741e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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10000
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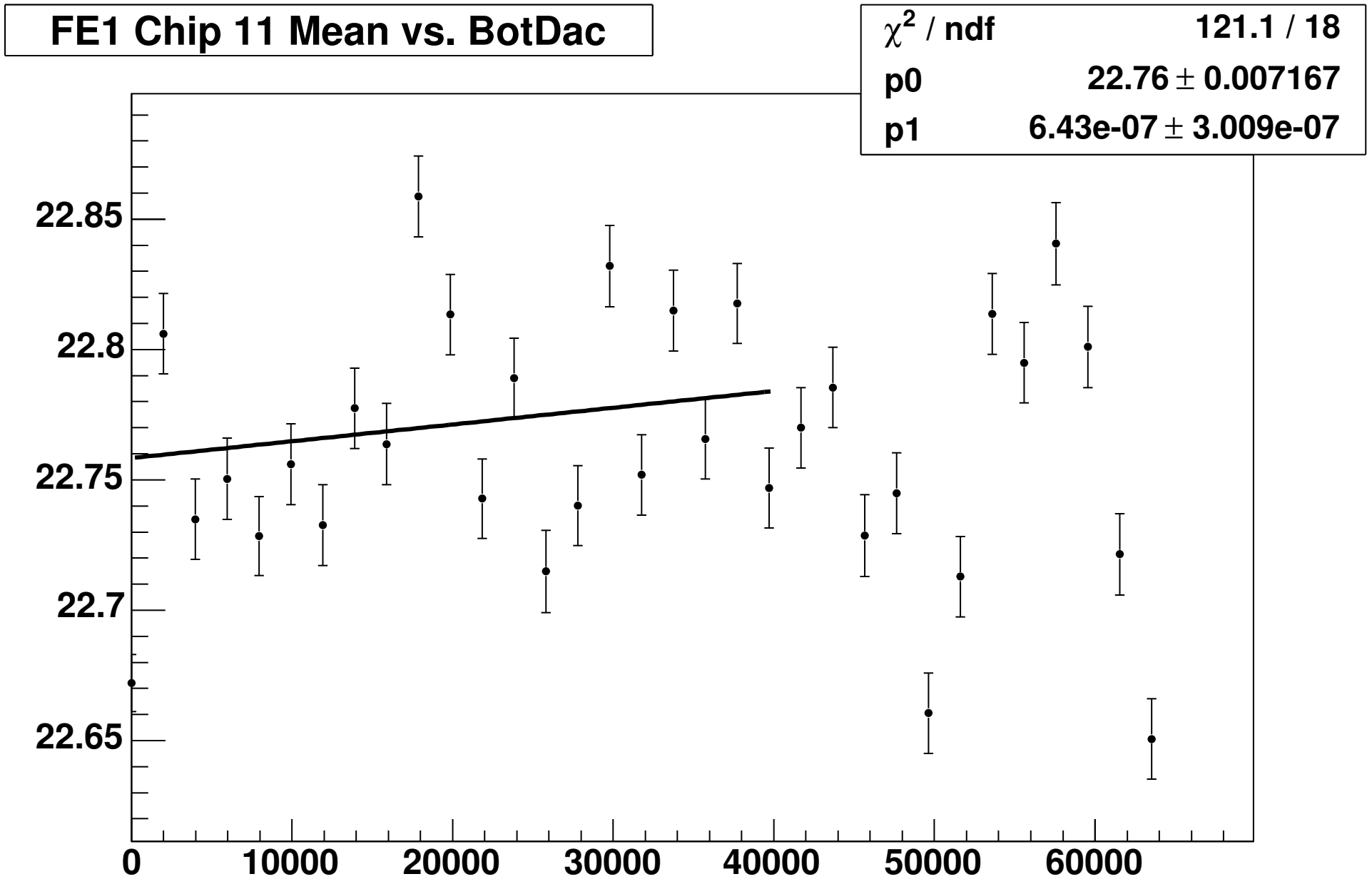
FE1 Chip 11 Mean vs. BotDac
χ² / ndf 121.1 / 18
p0 22.76 ± 0.007167
p1 6.43e-07 ± 3.009e-07
22.85
22.8
22.75
22.7
22.65
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10000
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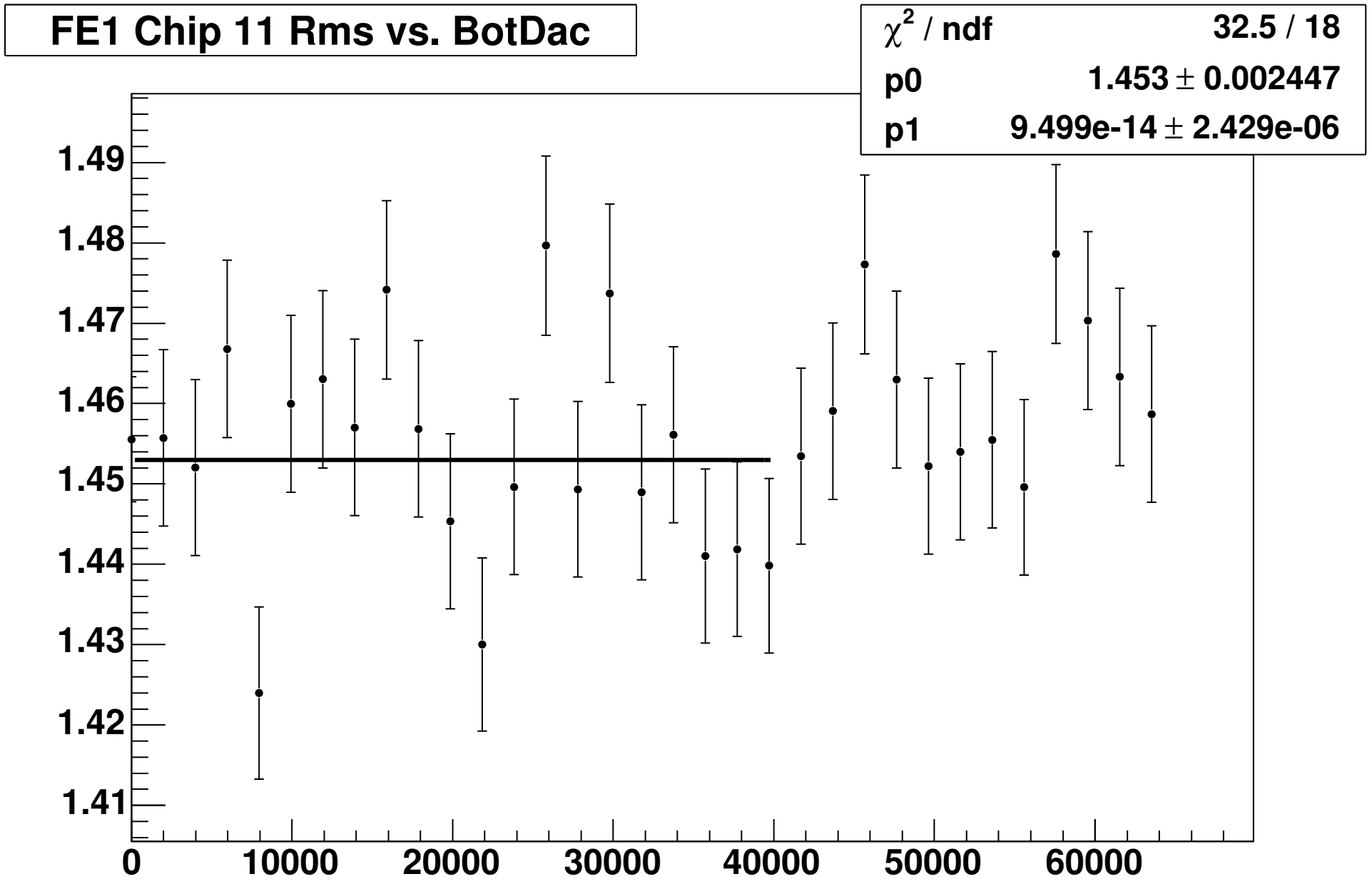
60000


FE1 Chip 11 Rms vs. BotDac
χ² / ndf 32.5 / 18
p0 1.453 ± 0.002447
p1 9.499e-14 ± 2.429e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
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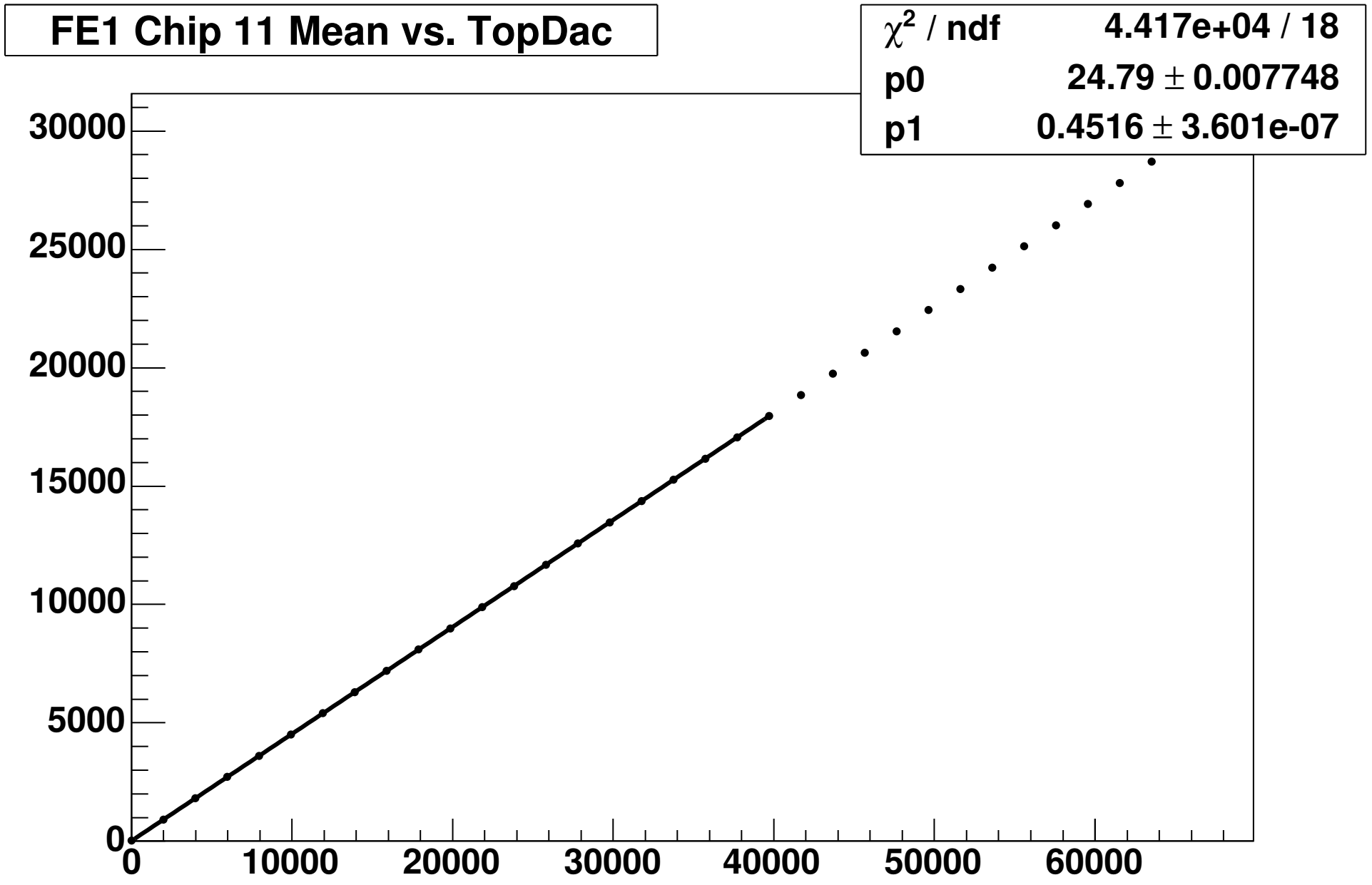
FE1 Chip 11 Mean vs. TopDac
χ² / ndf 4.417e+04 / 18
p0 24.79 ± 0.007748
p1 0.4516 ± 3.601e-07
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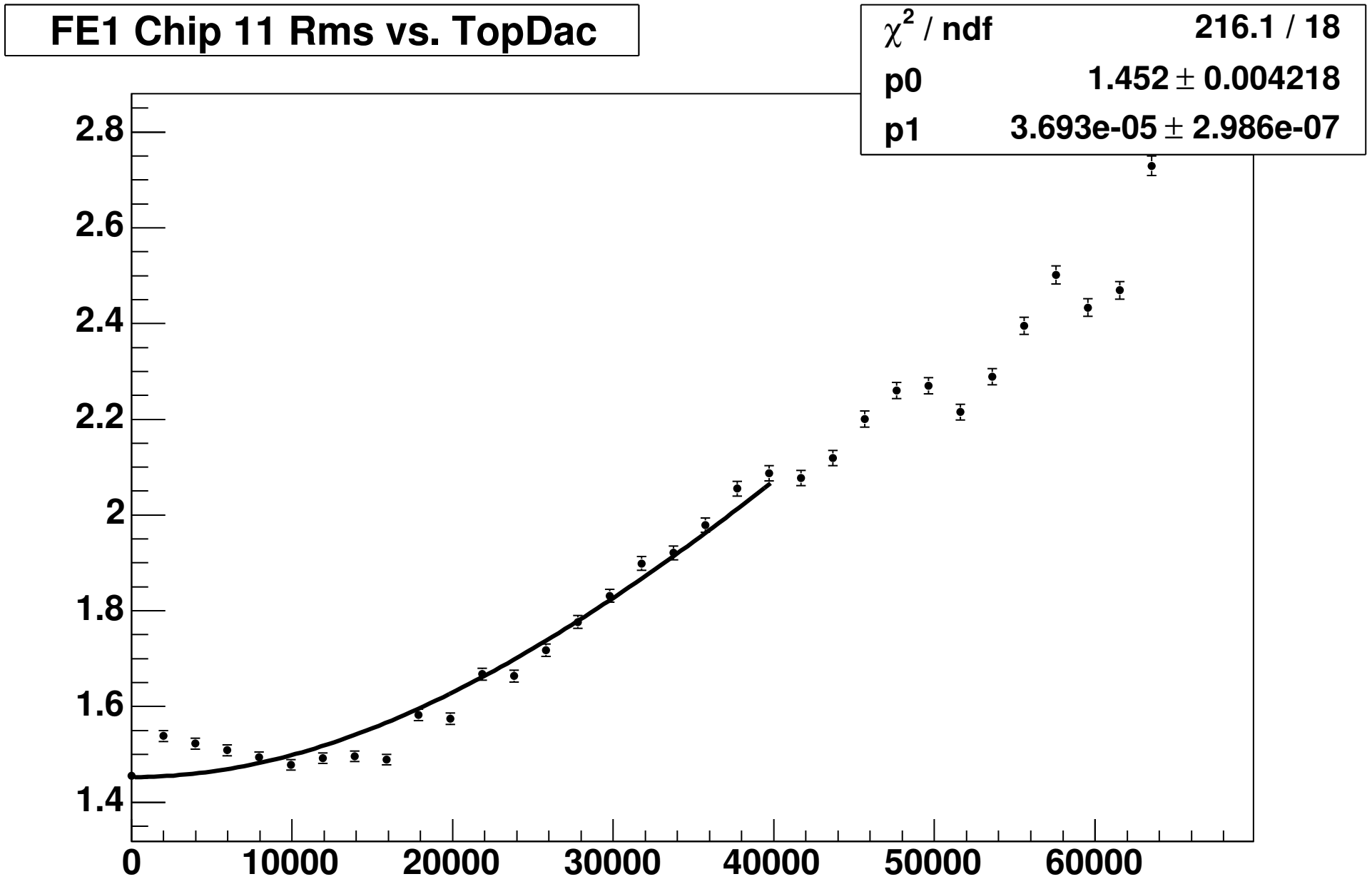
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE1 Chip 11 Rms vs. TopDac
χ² / ndf 216.1 / 18
p0 1.452 ± 0.004218
p1 3.693e-05 ± 2.986e-07
2.8
2.6
2.4
2.2
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1.8
1.6
1.4
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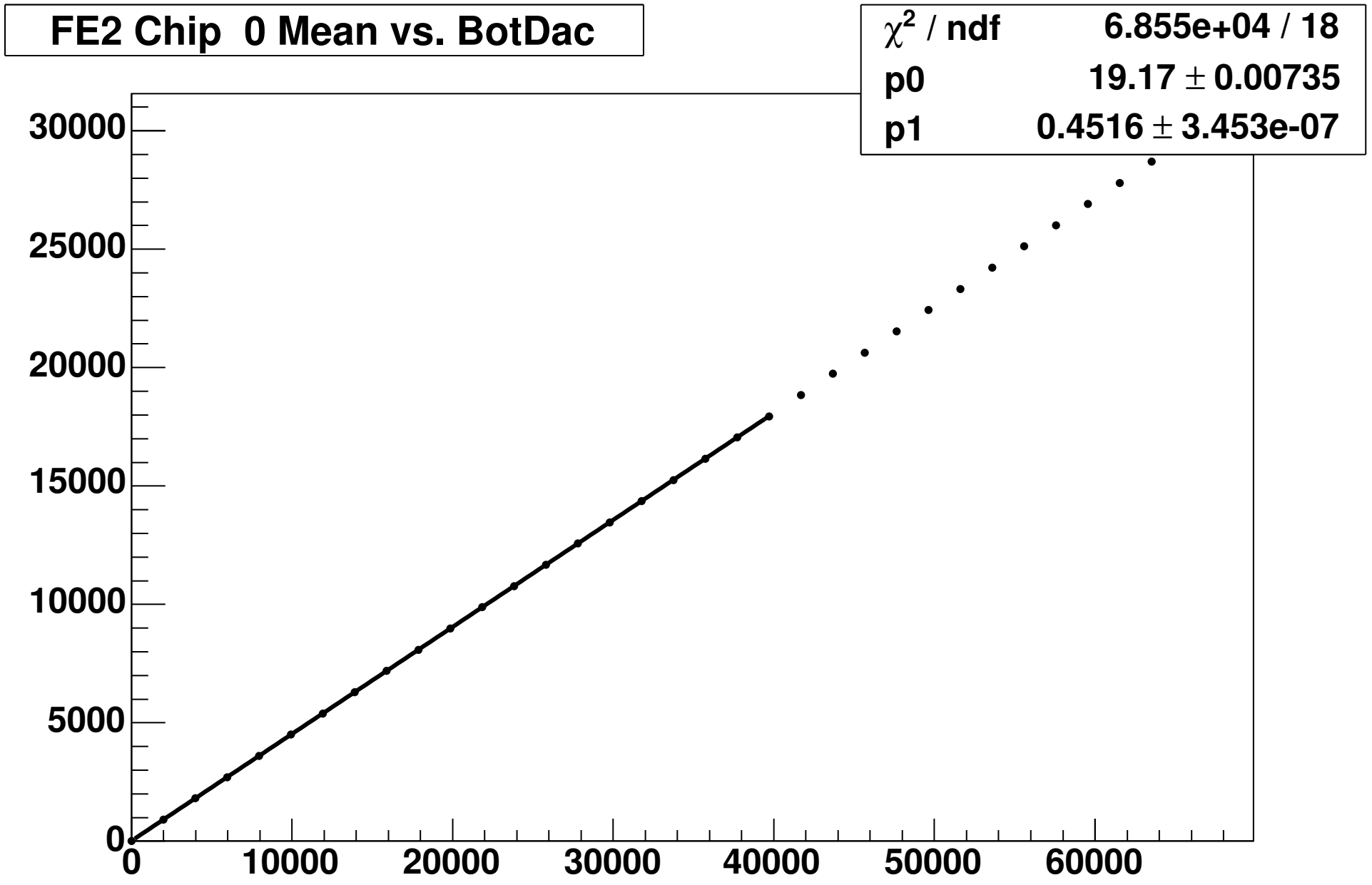
FE2 Chip 0 Mean vs. BotDac
χ² / ndf 6.855e+04 / 18
p0 19.17 ± 0.00735
p1 0.4516 ± 3.453e-07
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0
10000
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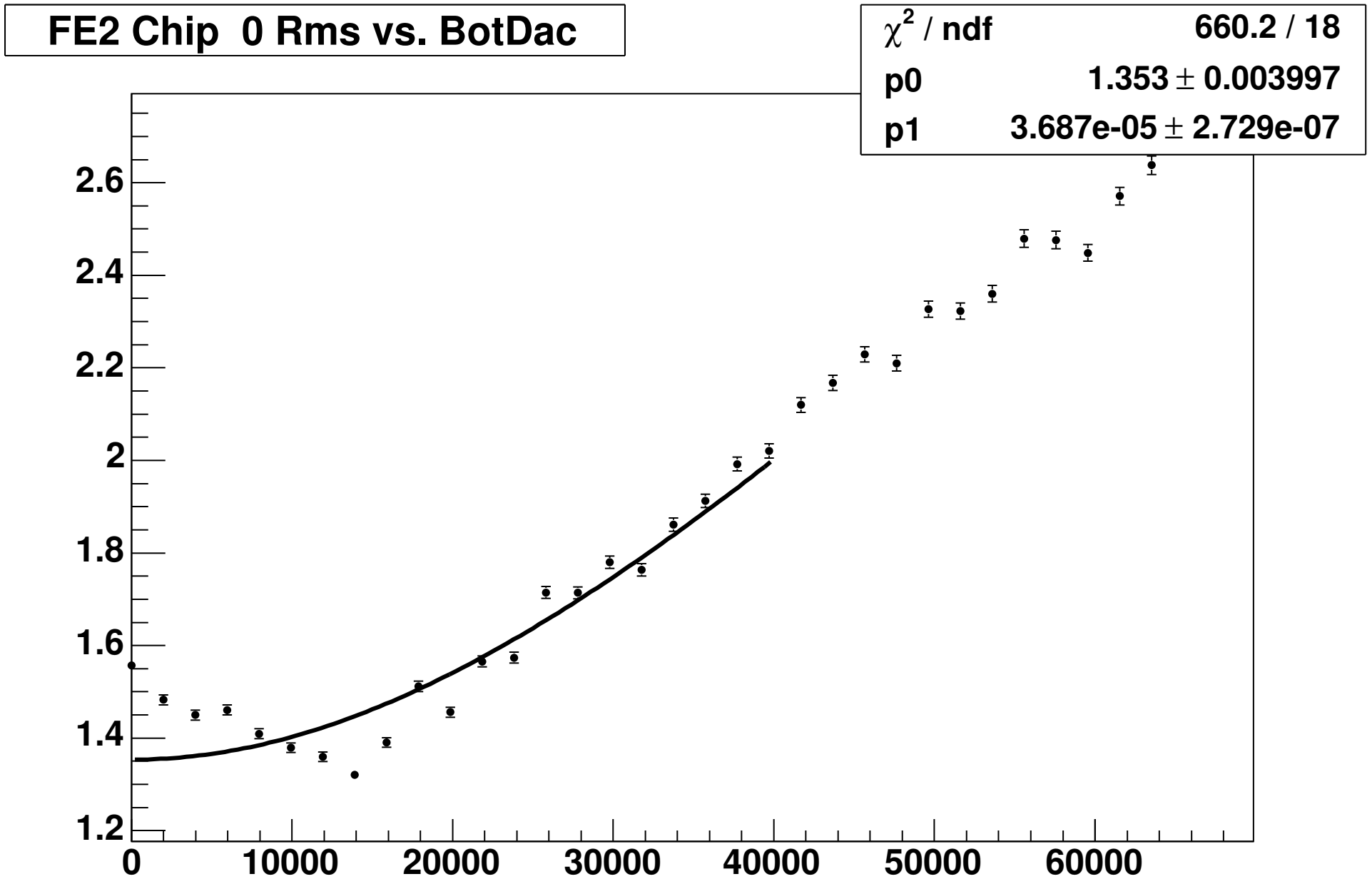
50000
60000


FE2 Chip 0 Rms vs. BotDac
χ² / ndf 660.2 / 18
p0 1.353 ± 0.003997
p1 3.687e-05 ± 2.729e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
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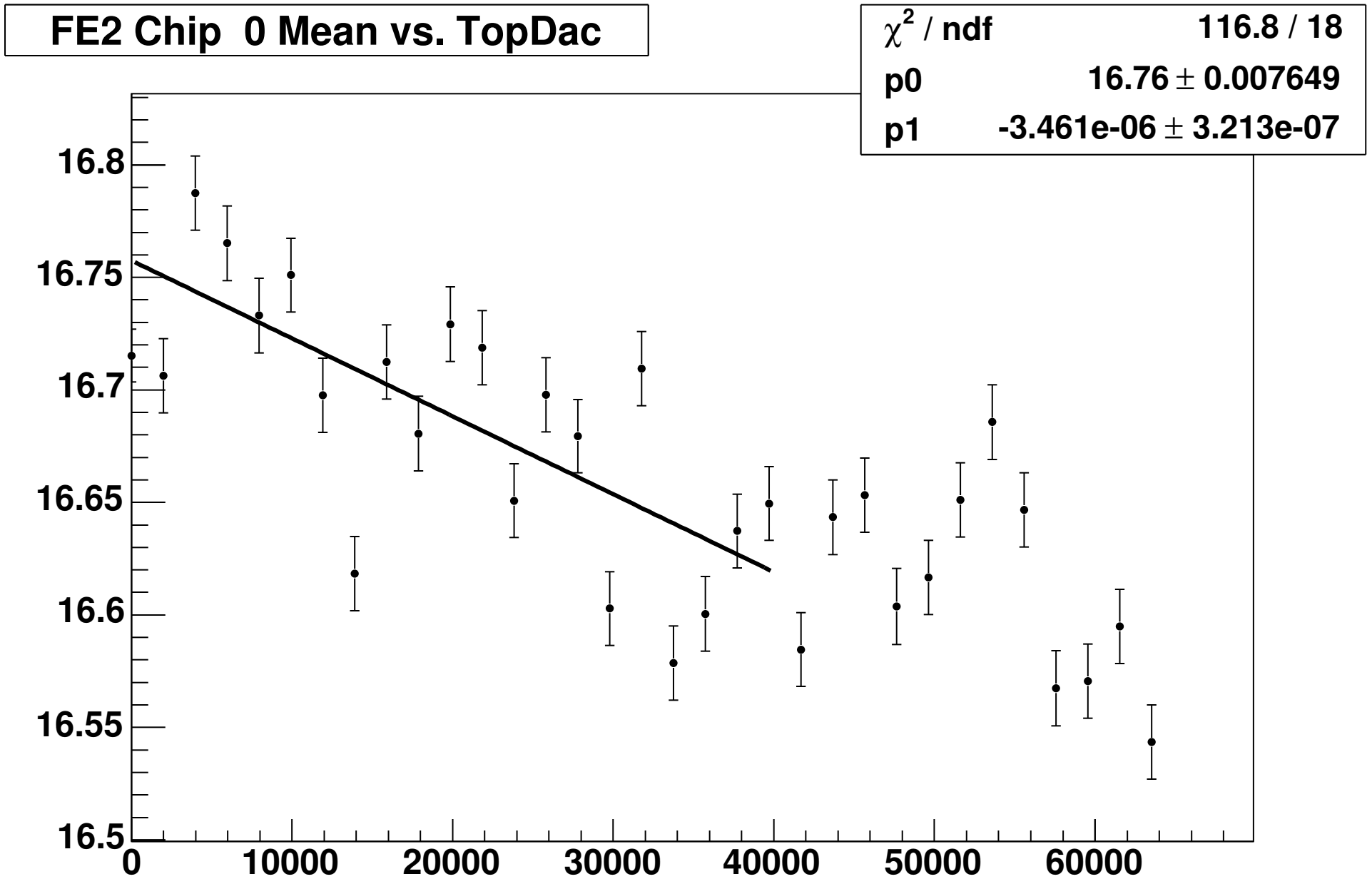
FE2 Chip 0 Mean vs. TopDac
χ² / ndf 116.8 / 18
p0 16.76 ± 0.007649
p1 -3.461e-06 ± 3.213e-07
16.8
16.75
16.7
16.65
16.6
16.55
16.5
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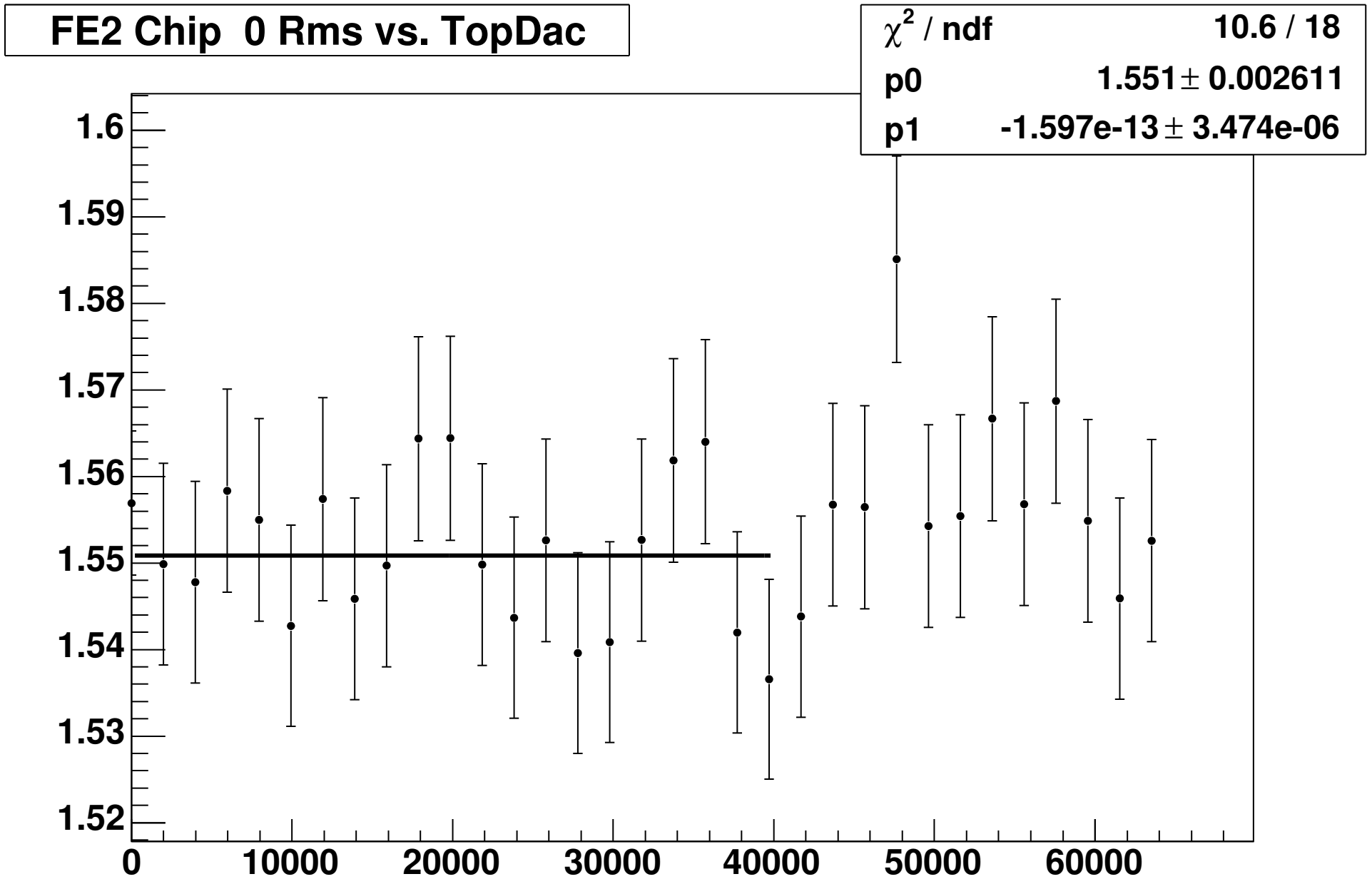
FE2 Chip 0 Rms vs. TopDac
χ² / ndf 10.6 / 18
p0 1.551 ± 0.002611
p1 -1.597e-13 ± 3.474e-06
1.6
1.59
1.58
1.57
1.56
1.55
1.54
1.53
1.52
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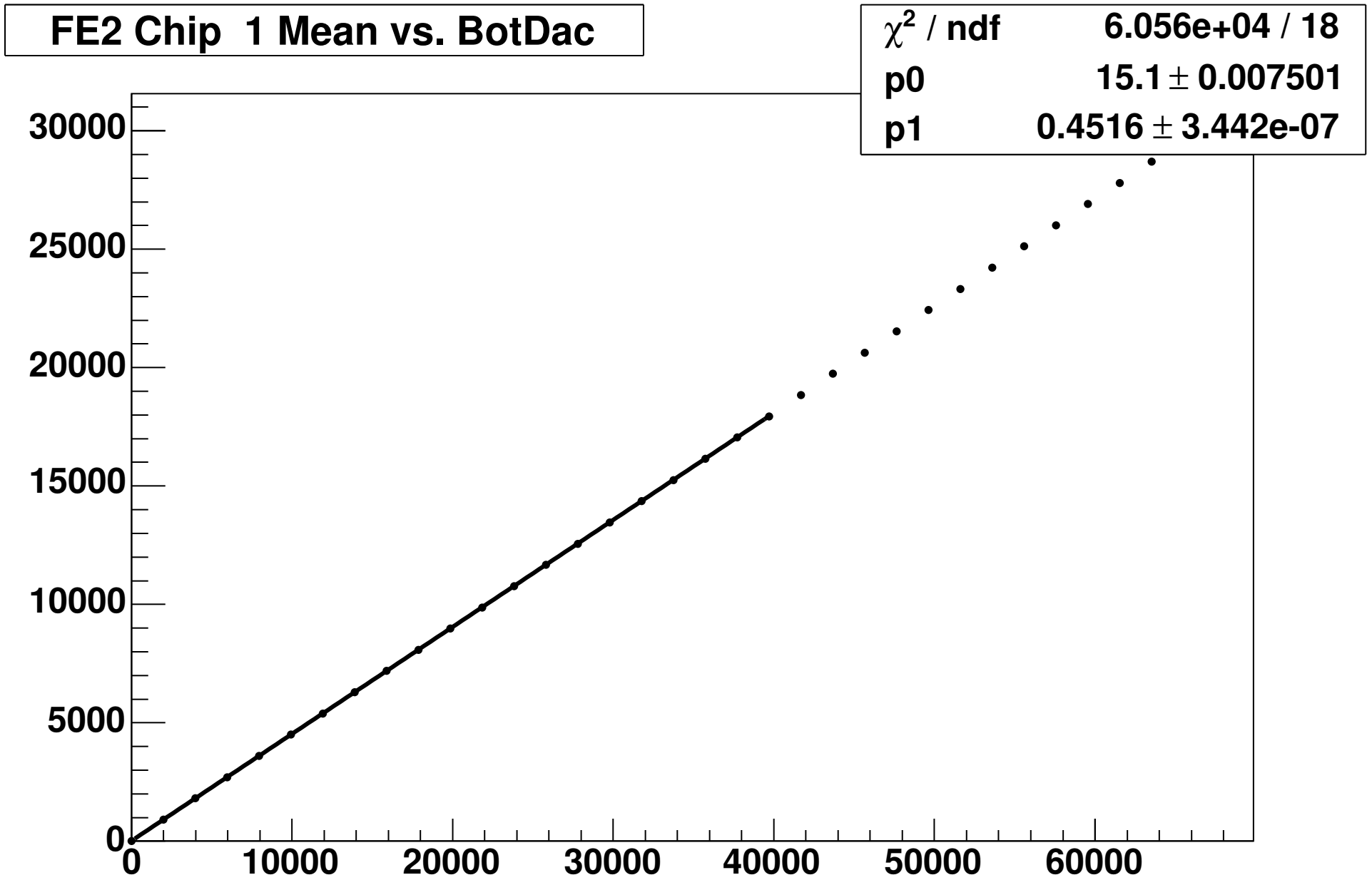
60000


FE2 Chip 1 Mean vs. BotDac
χ² / ndf 6.056e+04 / 18
p0 15.1 ± 0.007501
p1 0.4516 ± 3.442e-07
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15000
10000
5000
0
0
10000
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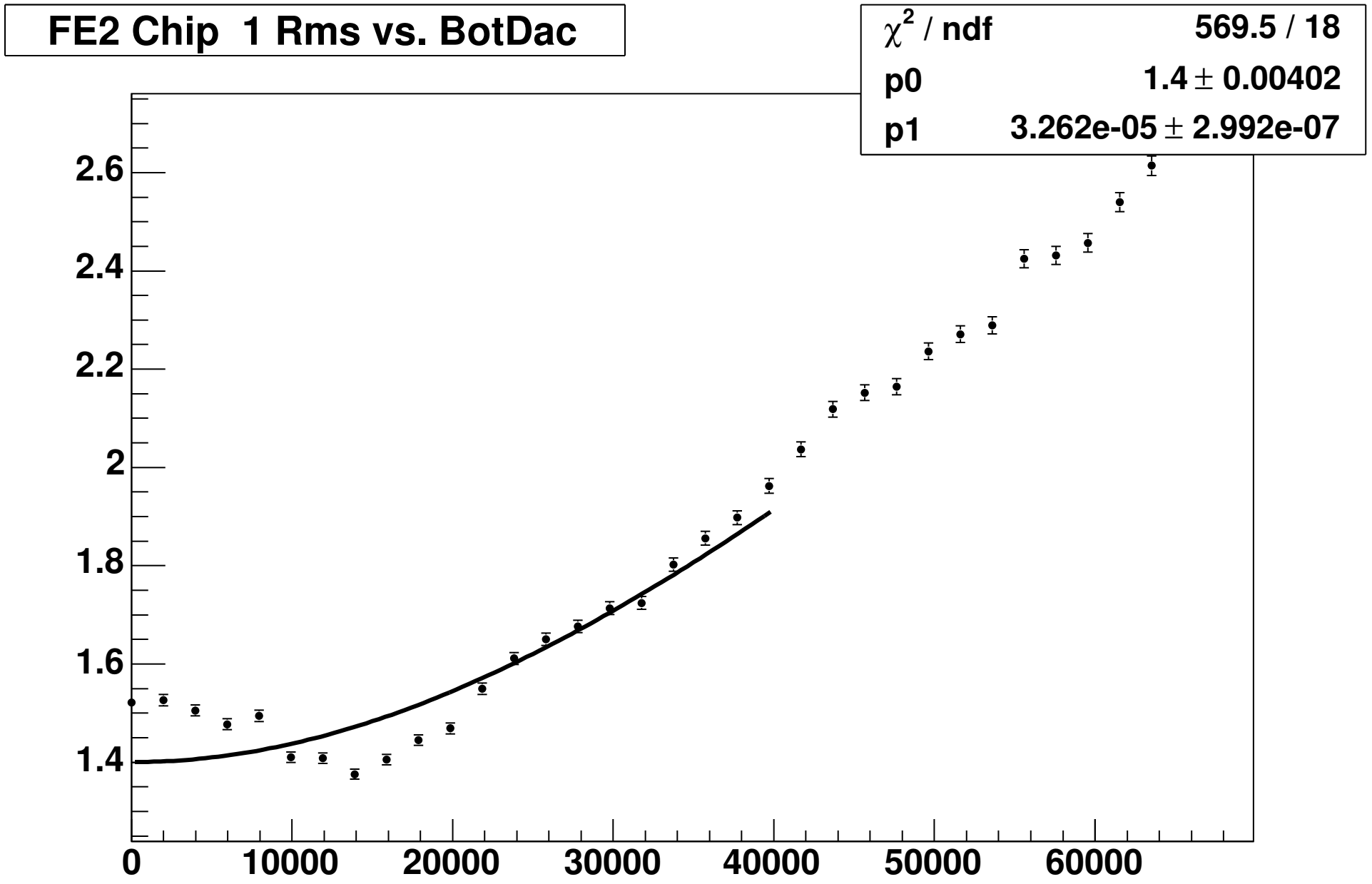
40000
50000
60000


FE2 Chip 1 Rms vs. BotDac
χ² / ndf 569.5 / 18
p0 1.4 ± 0.00402
p1 3.262e-05 ± 2.992e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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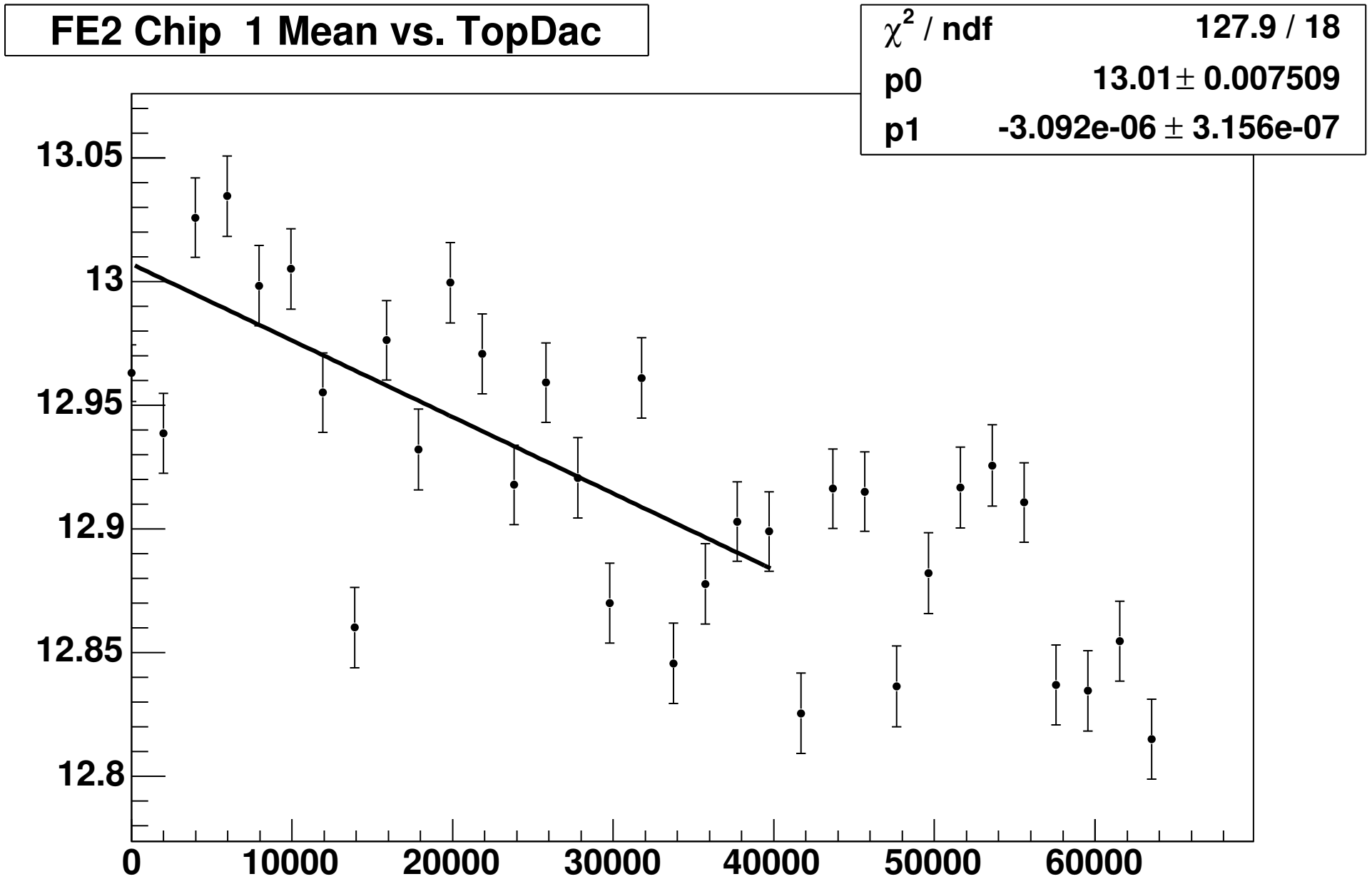
60000


FE2 Chip 1 Mean vs. TopDac
χ² / ndf 127.9 / 18
p0 13.01 ± 0.007509
p1 -3.092e-06 ± 3.156e-07
13.05
13
12.95
12.9
12.85
12.8
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10000
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50000
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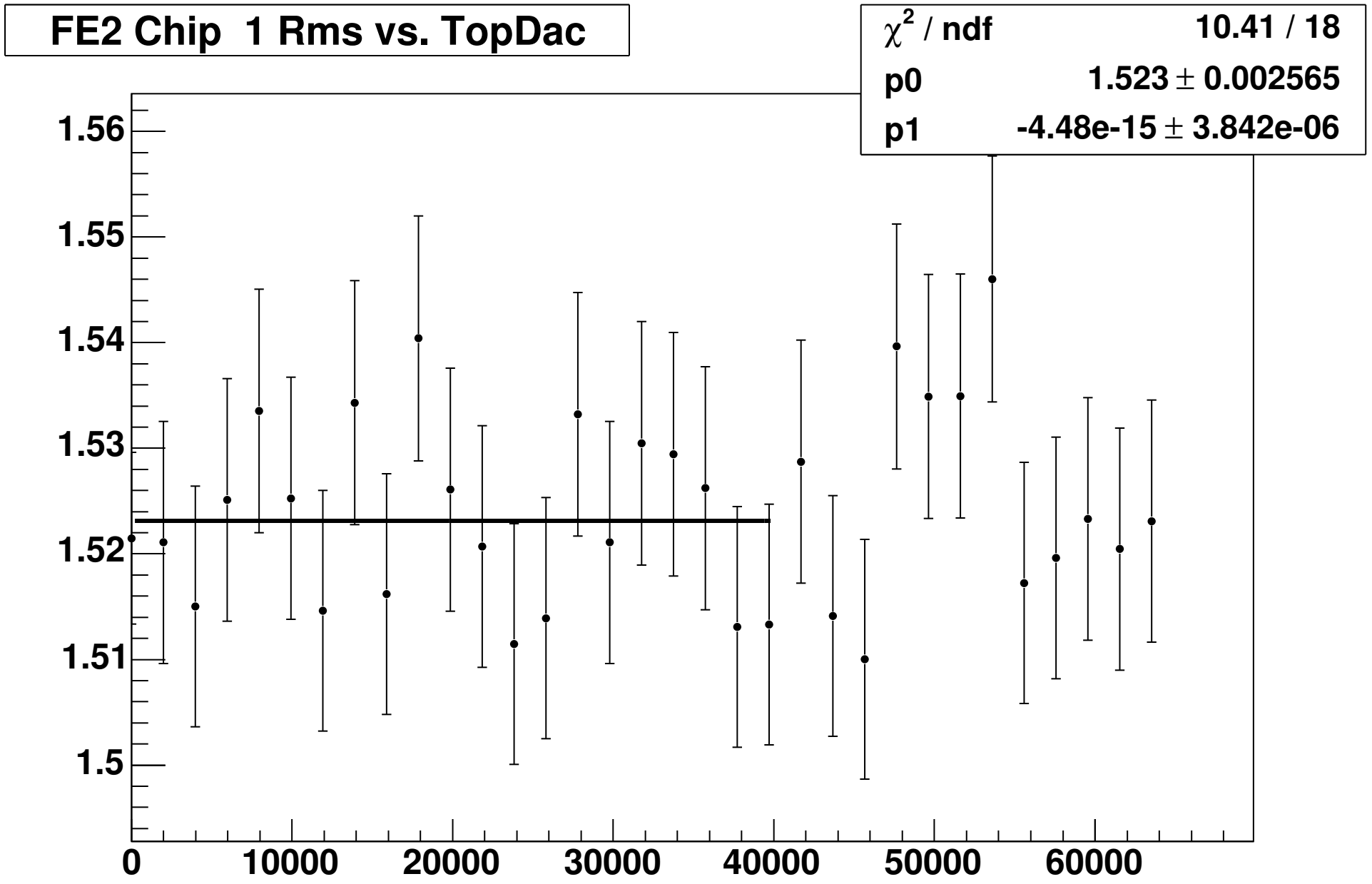
FE2 Chip 1 Rms vs. TopDac
χ² / ndf 10.41 / 18
p0 1.523 ± 0.002565
p1 -4.48e-15 ± 3.842e-06
1.56
1.55
1.54
1.53
1.52
1.51
1.5
0
10000
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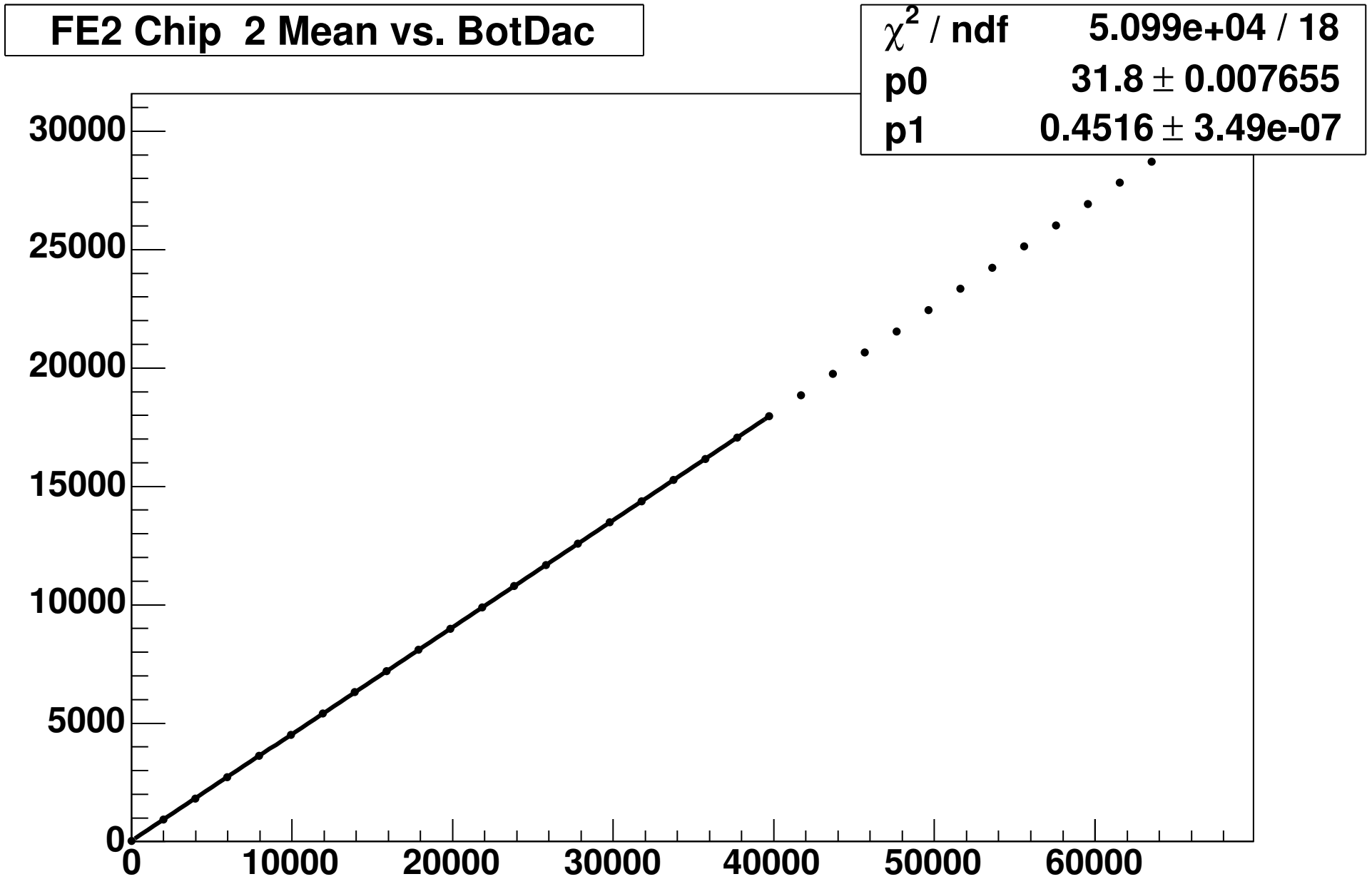
40000
50000
60000


FE2 Chip 2 Mean vs. BotDac
χ² / ndf 5.099e+04 / 18
p0 31.8 ± 0.007655
p1 0.4516 ± 3.49e-07
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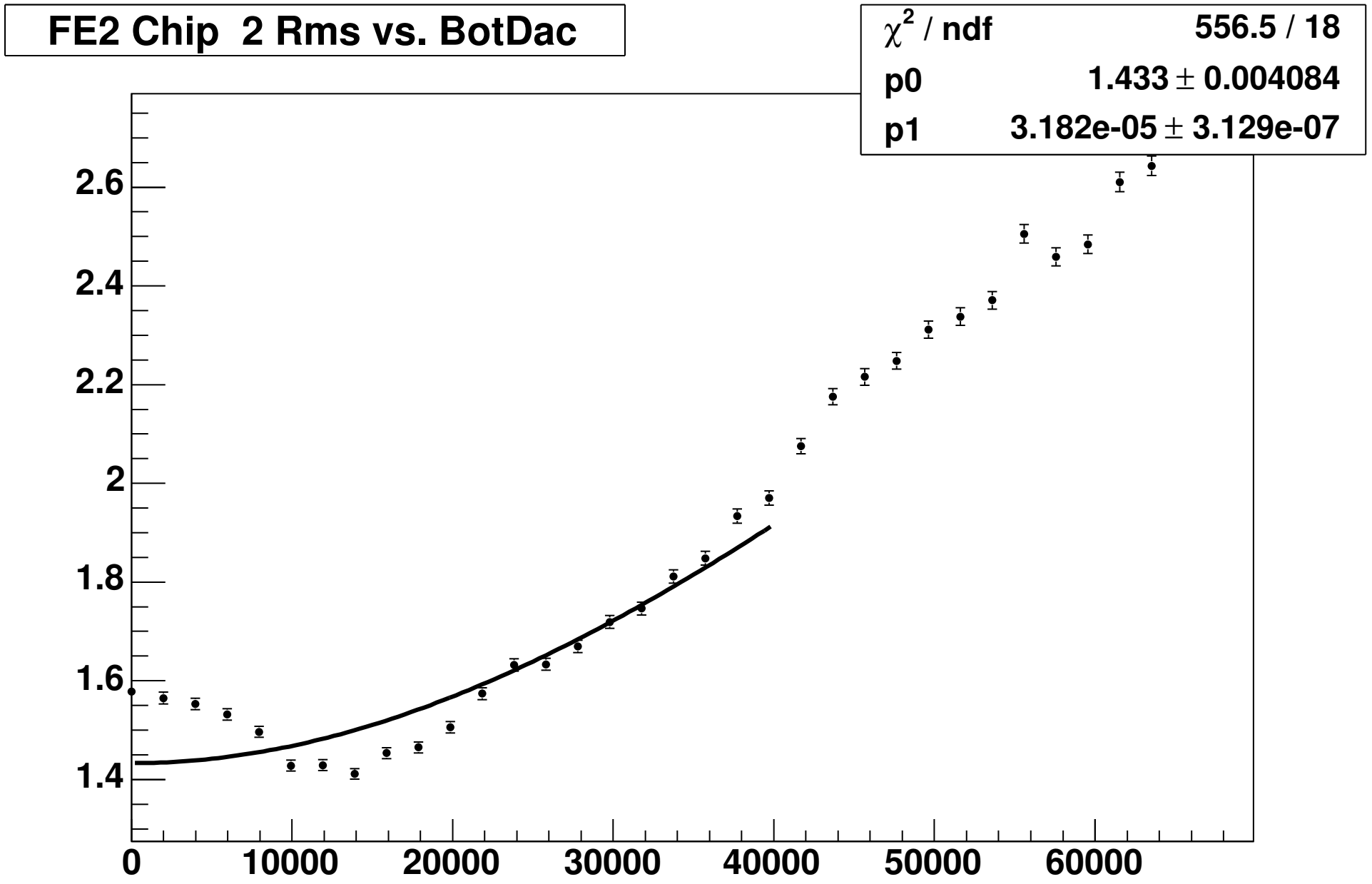
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 2 Rms vs. BotDac
χ² / ndf 556.5 / 18
p0 1.433 ± 0.004084
p1 3.182e-05 ± 3.129e-07
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2.4
2.2
2
1.8
1.6
1.4
0
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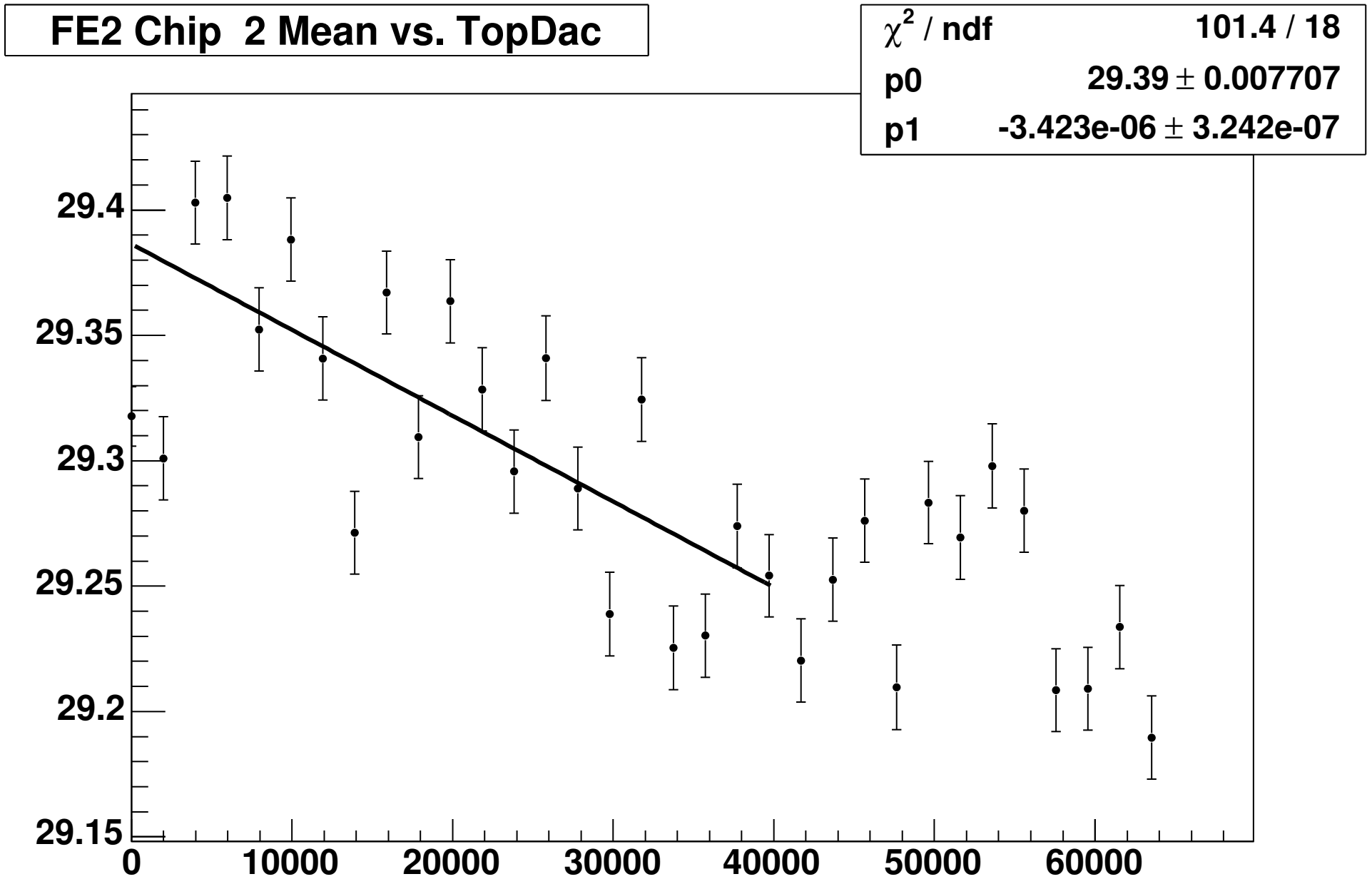
FE2 Chip 2 Mean vs. TopDac
χ² / ndf 101.4 / 18
p0 29.39 ± 0.007707
p1 -3.423e-06 ± 3.242e-07
29.4
29.35
29.3
29.25
29.2
29.15
0
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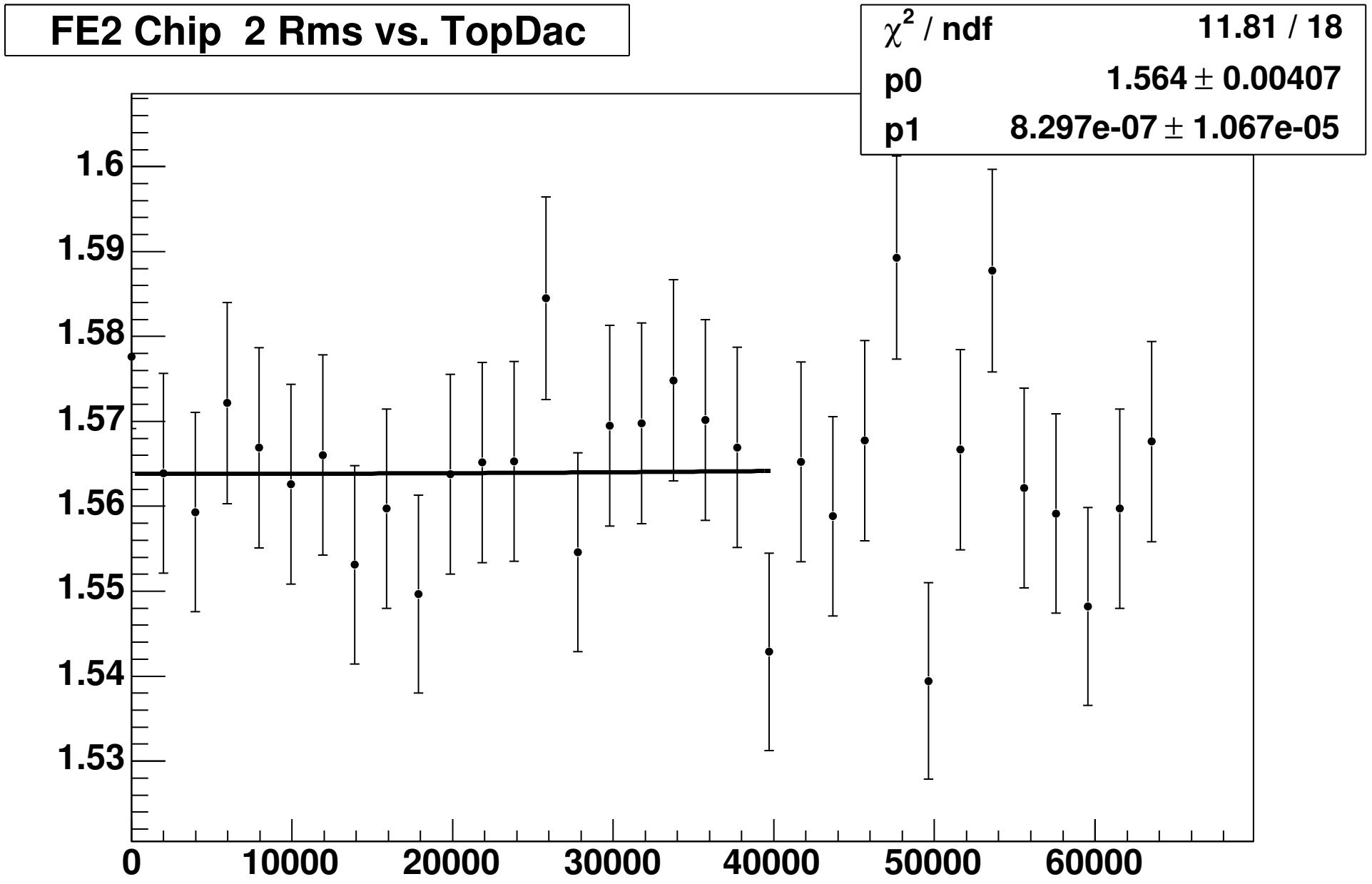
40000
50000
60000


FE2 Chip 2 Rms vs. TopDac
χ² / ndf 11.81 / 18
p0 1.564 ± 0.00407
p1 8.297e-07 ± 1.067e-05
1.6
1.59
1.58
1.57
1.56
1.55
1.54
1.53
0
10000
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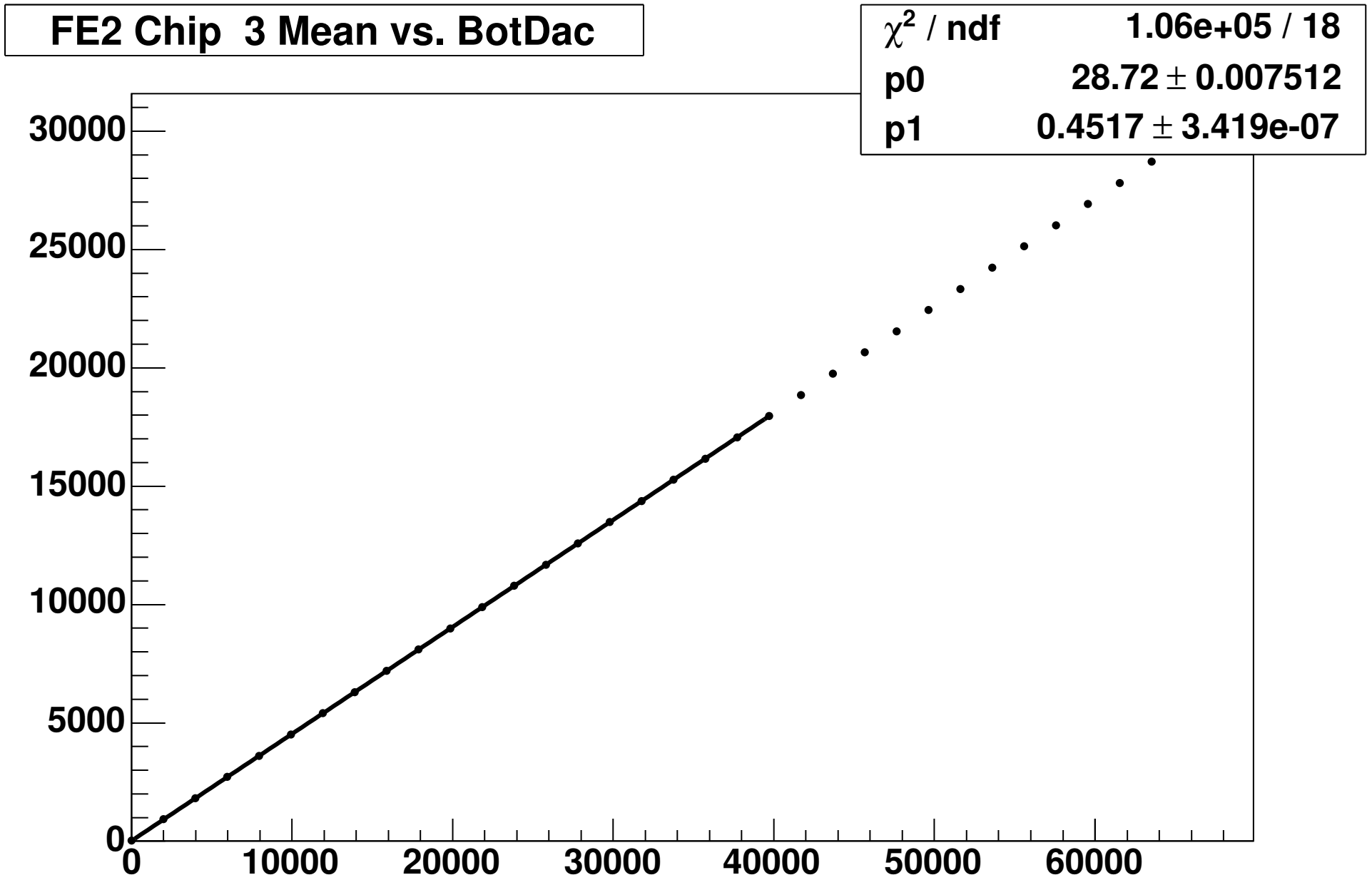
30000
40000
50000
60000


FE2 Chip 3 Mean vs. BotDac
χ² / ndf 1.06e+05 / 18
p0 28.72 ± 0.007512
p1 0.4517 ± 3.419e-07
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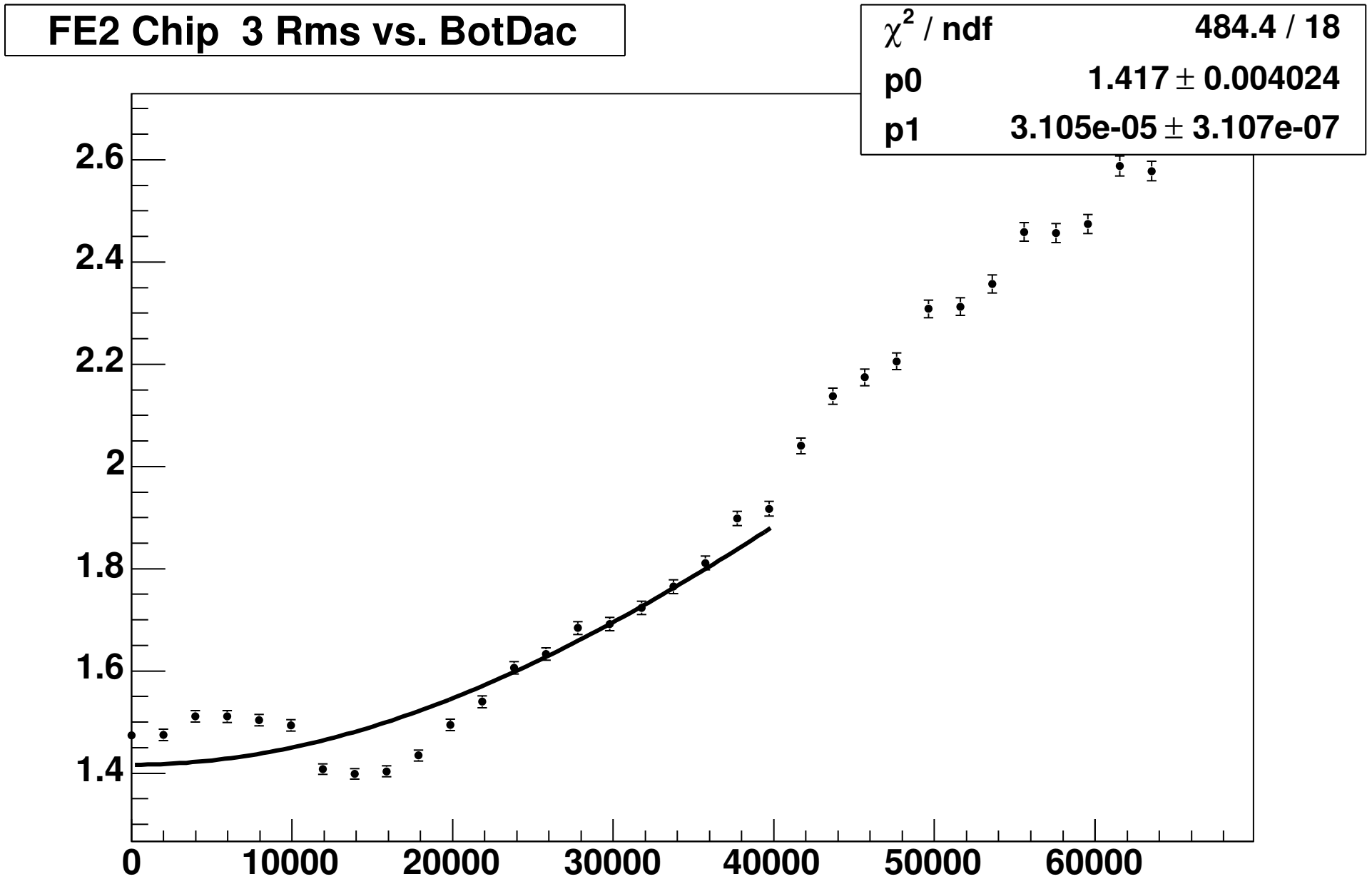
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 3 Rms vs. BotDac
χ² / ndf 484.4 / 18
p0 1.417 ± 0.004024
p1 3.105e-05 ± 3.107e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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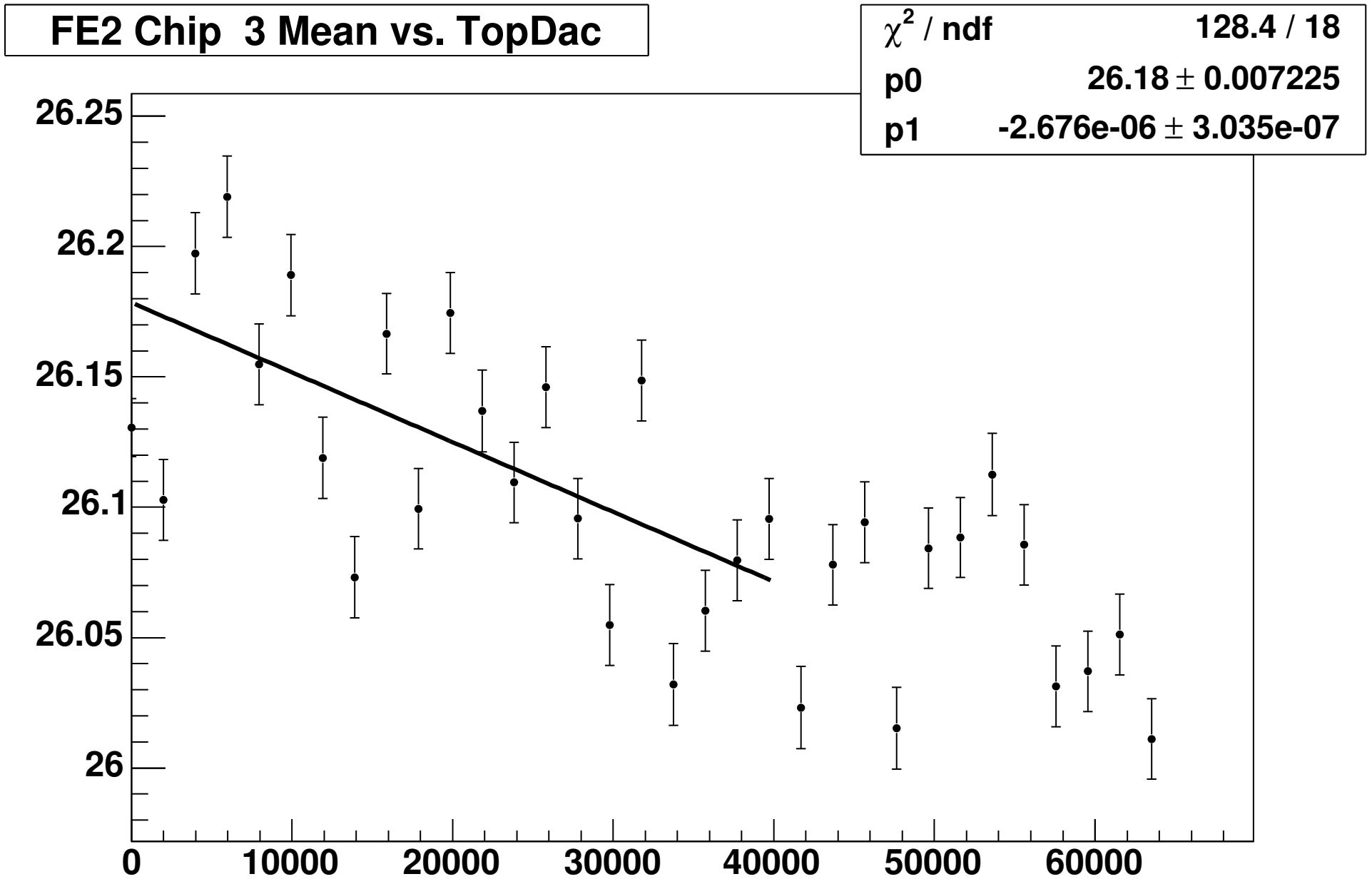
40000
50000
60000


FE2 Chip 3 Mean vs. TopDac
χ² / ndf 128.4 / 18
p0 26.18 ± 0.007225
p1 -2.676e-06 ± 3.035e-07
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26.2
26.15
26.1
26.05
26
0
10000
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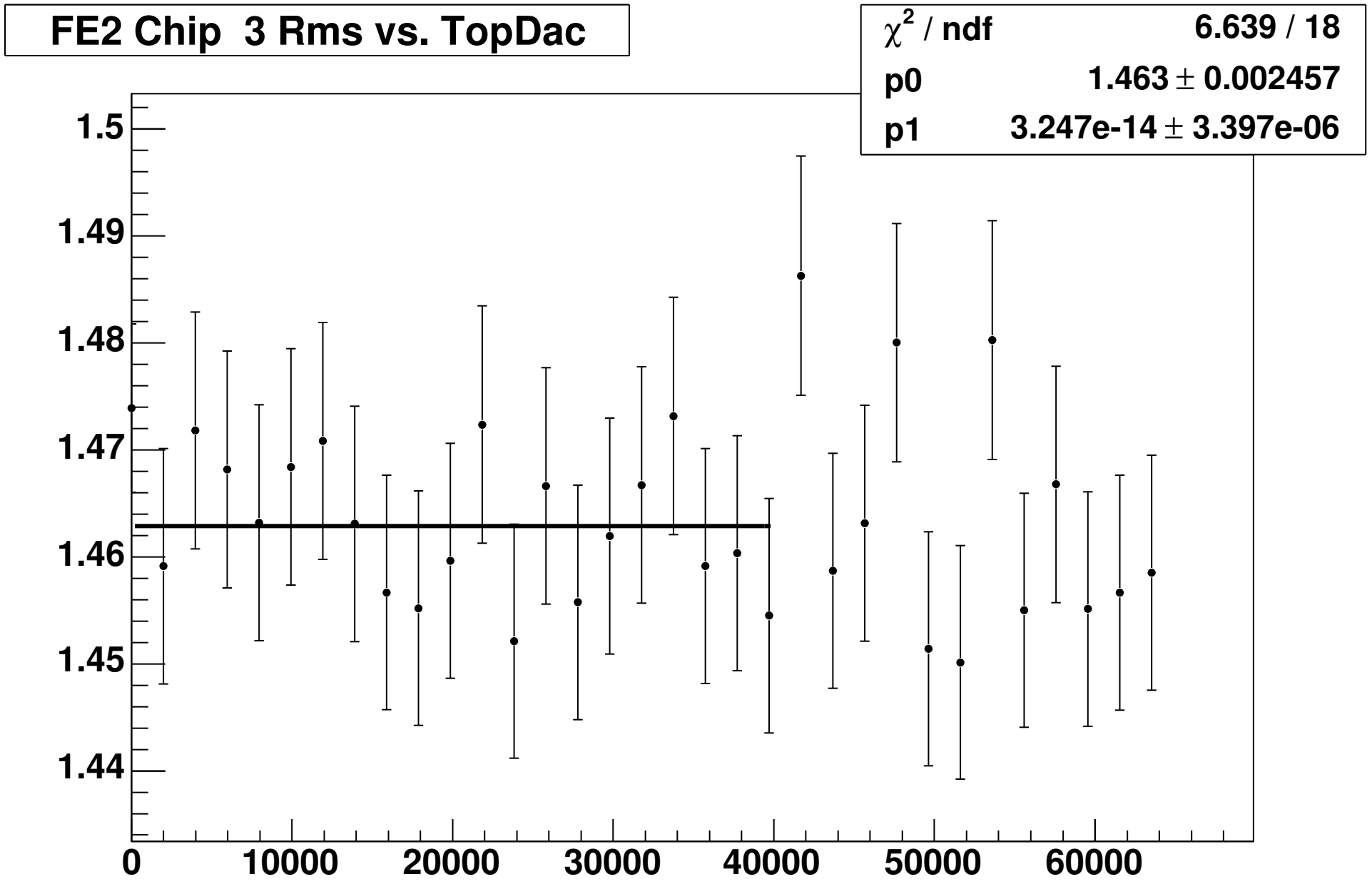
30000
40000
50000
60000


FE2 Chip 3 Rms vs. TopDac
χ² / ndf 6.639 / 18
p0 1.463 ± 0.002457
p1 3.247e-14 ± 3.397e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
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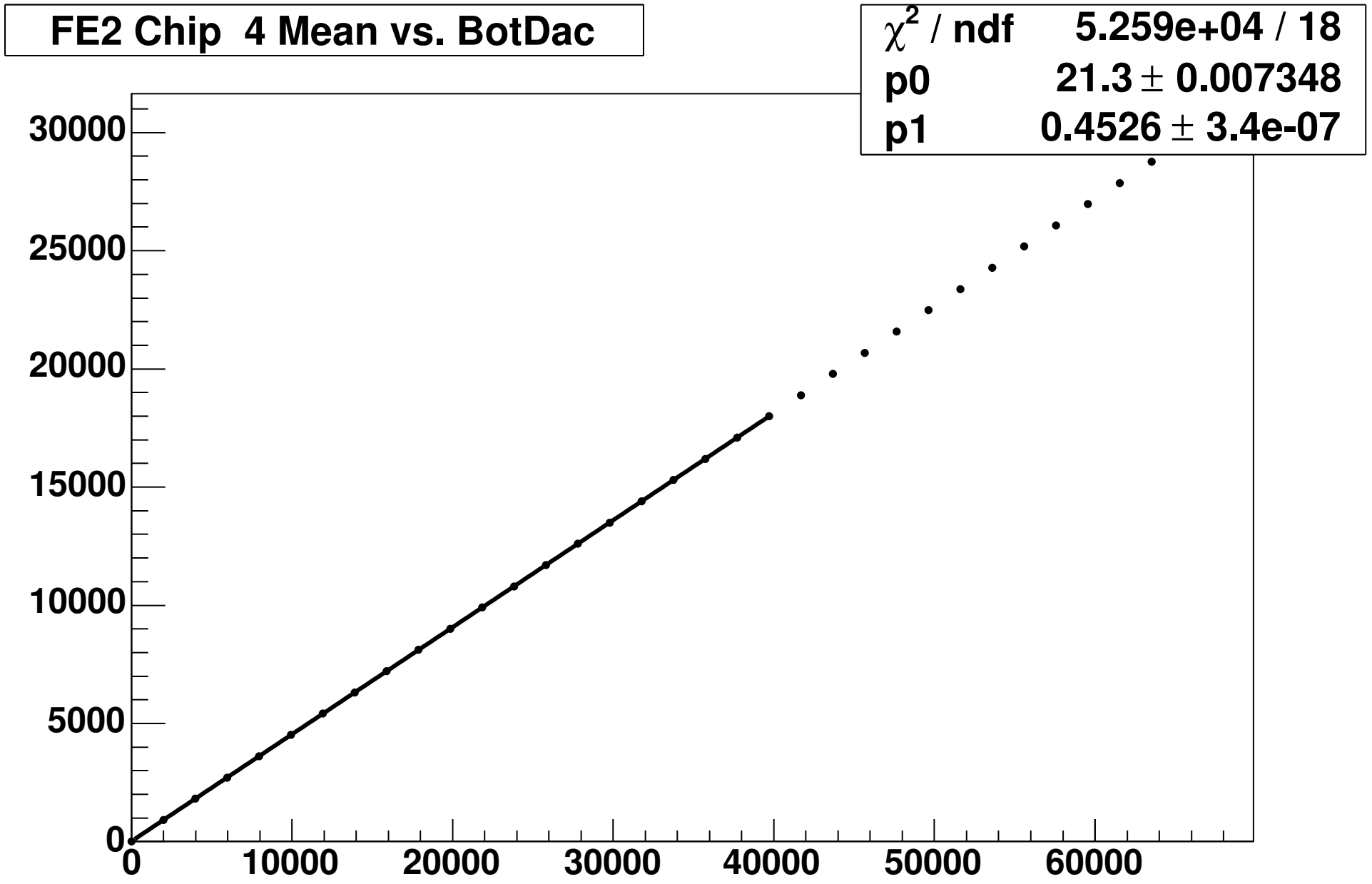
30000
40000
50000
60000


FE2 Chip 4 Mean vs. BotDac
χ² / ndf 5.259e+04 / 18
p0 21.3 ± 0.007348
p1 0.4526 ± 3.4e-07
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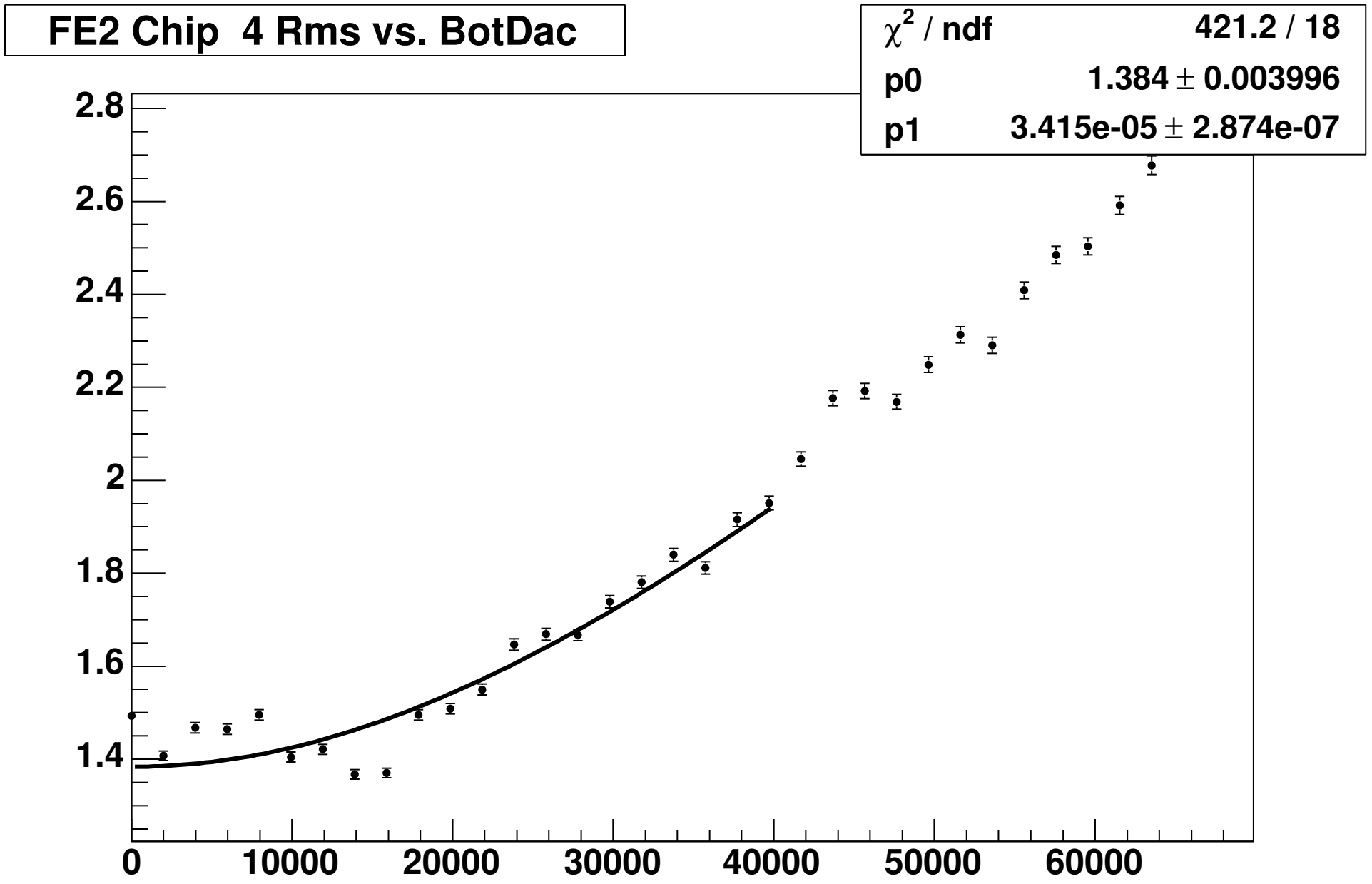
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 4 Rms vs. BotDac
χ² / ndf 421.2 / 18
p0 1.384 ± 0.003996
p1 3.415e-05 ± 2.874e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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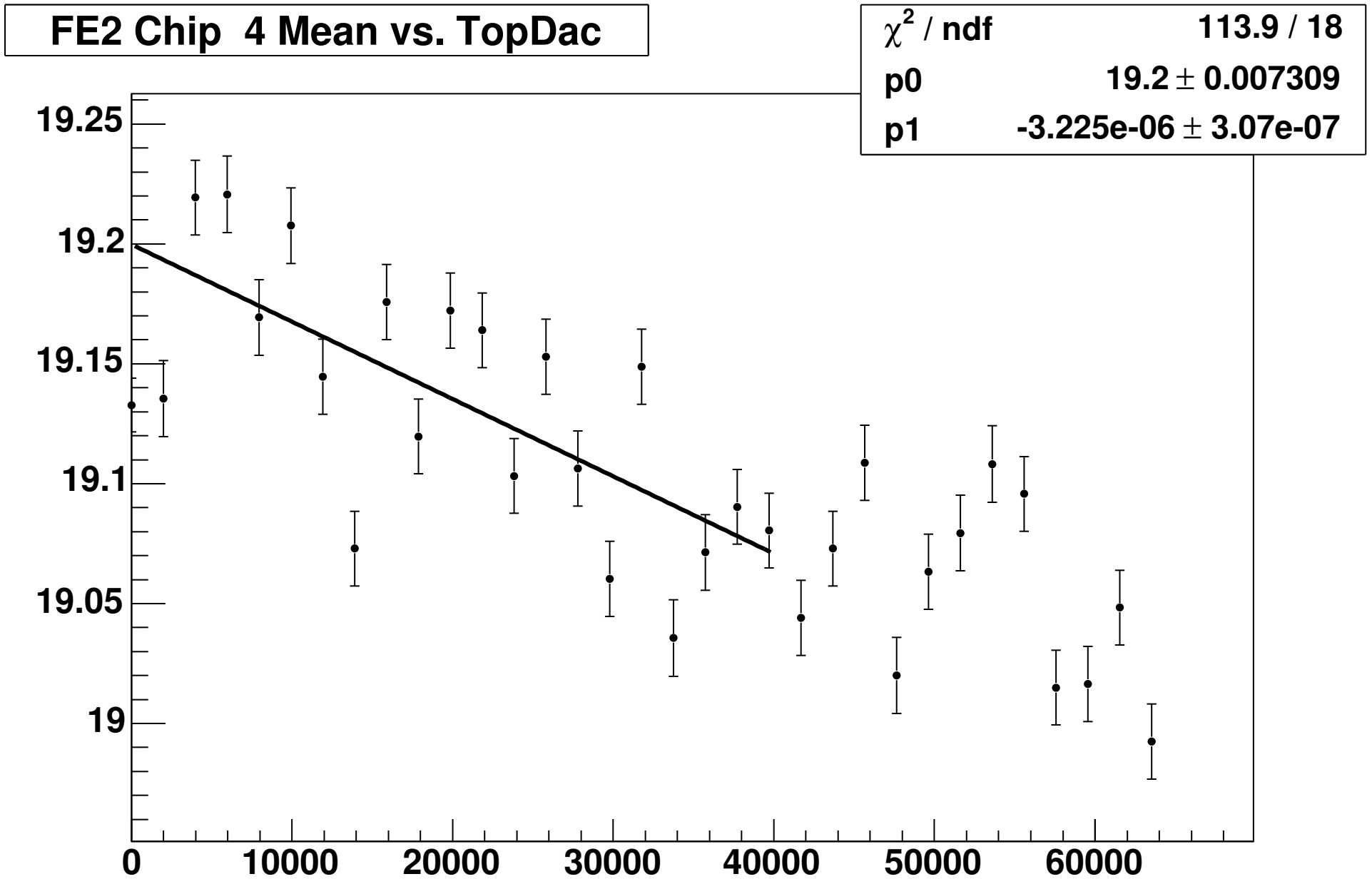
FE2 Chip 4 Mean vs. TopDac
χ² / ndf 113.9 / 18
p0 19.2 ± 0.007309
p1 -3.225e-06 ± 3.07e-07
19.25
19.2
19.15
19.1
19.05
19
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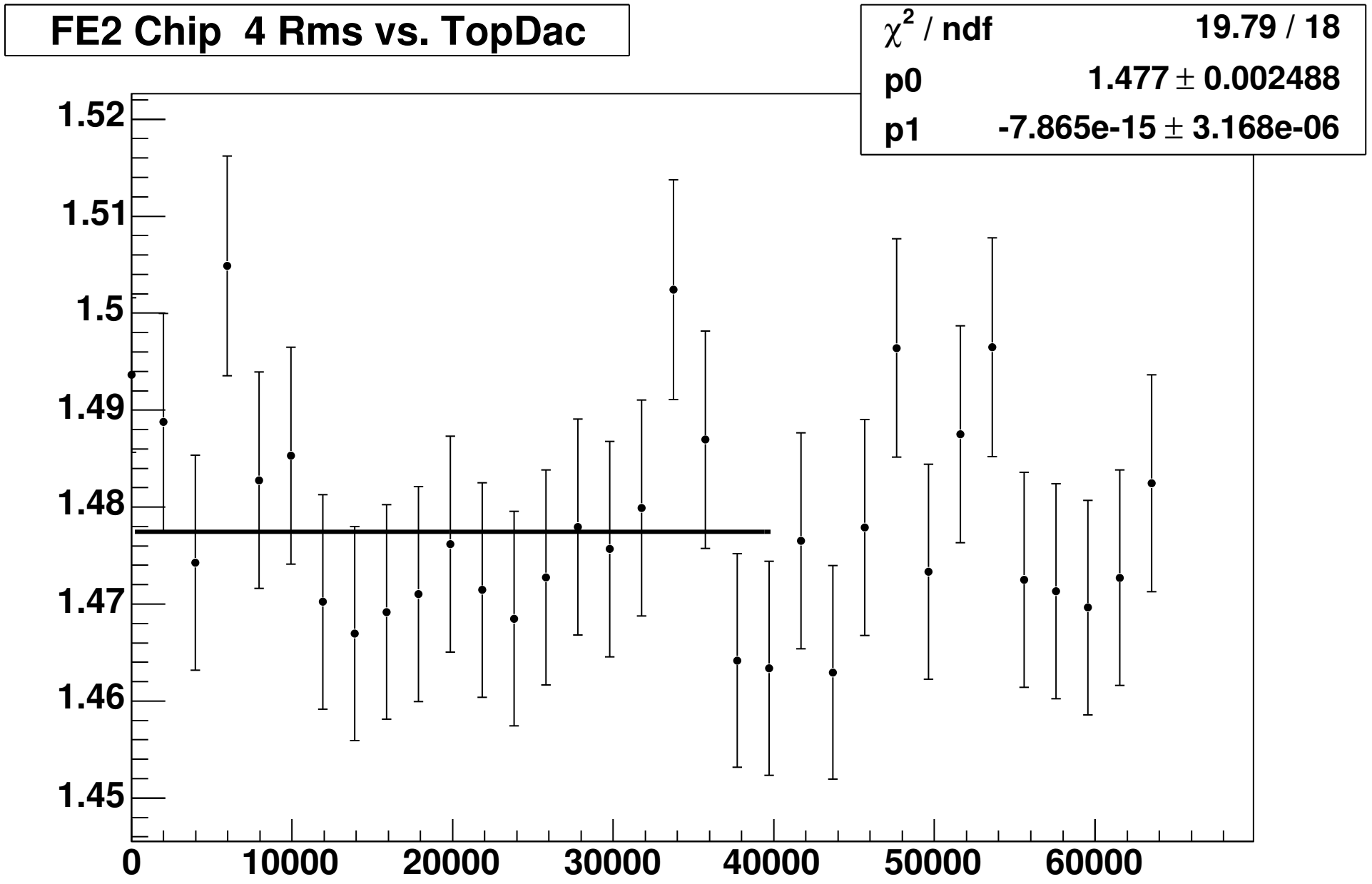
FE2 Chip 4 Rms vs. TopDac
χ² / ndf 19.79 / 18
p0 1.477 ± 0.002488
p1 -7.865e-15 ± 3.168e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
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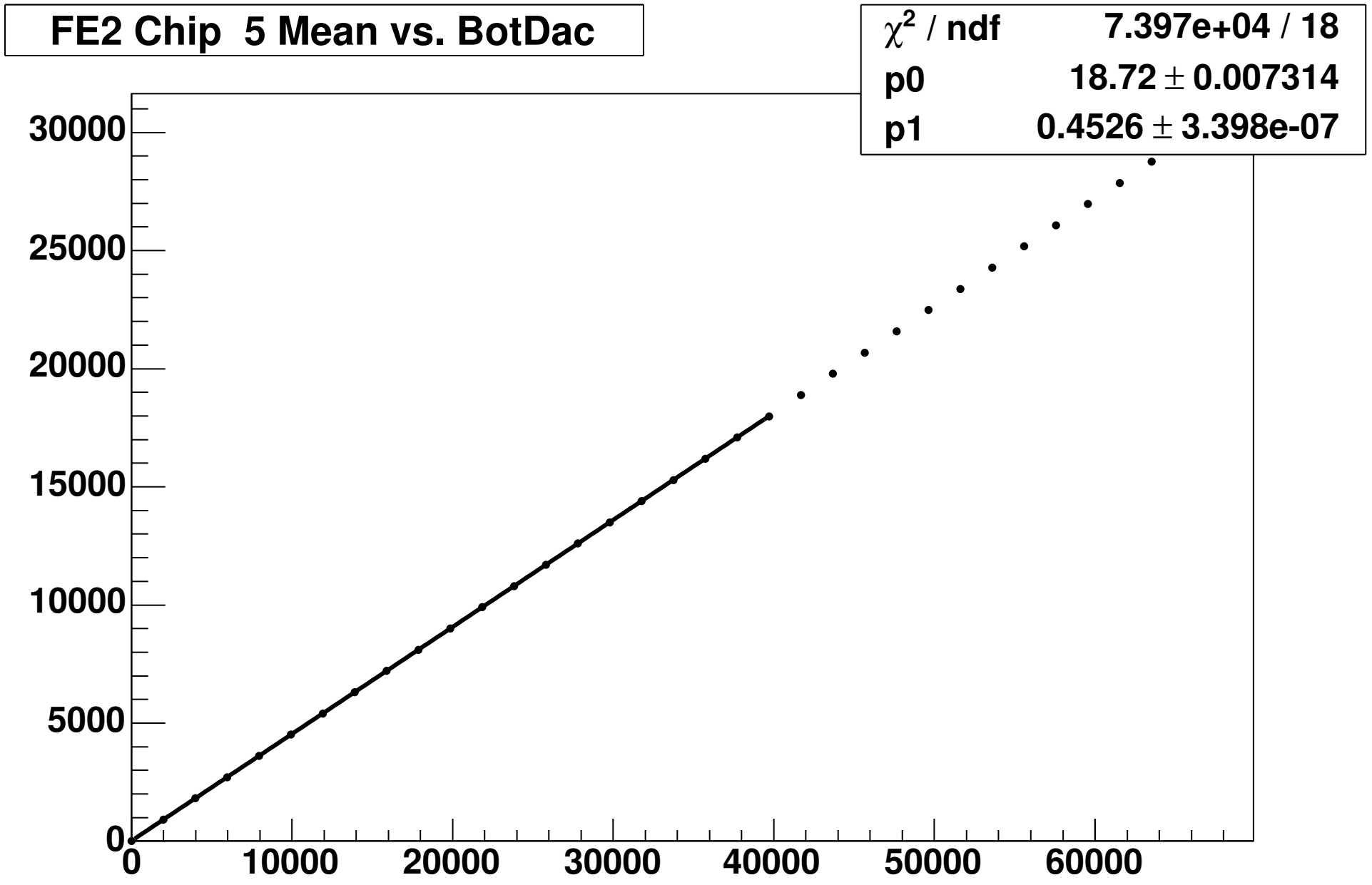
FE2 Chip 5 Mean vs. BotDac
χ² / ndf 7.397e+04 / 18
p0 18.72 ± 0.007314
p1 0.4526 ± 3.398e-07
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5000
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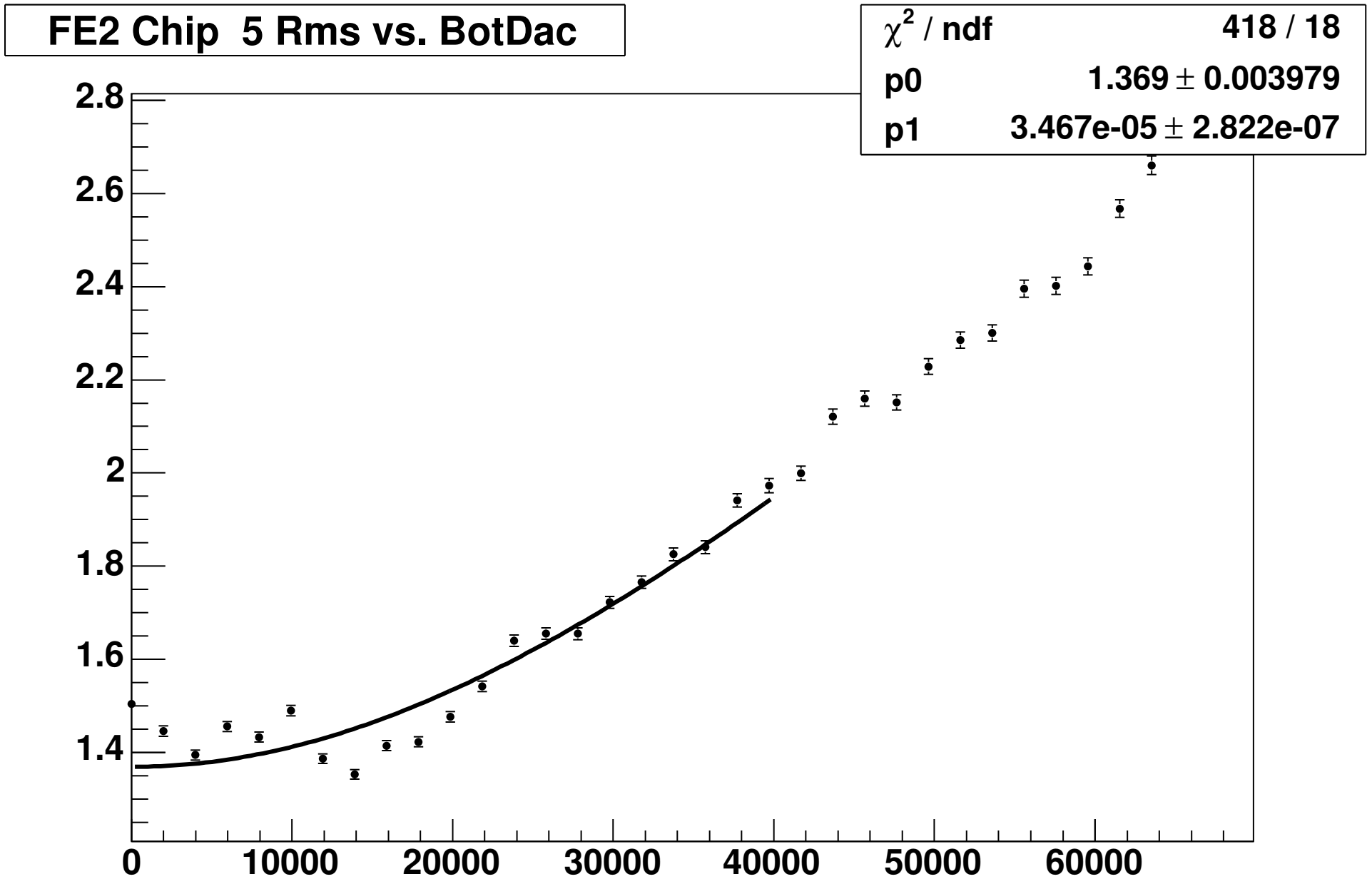
0
10000
20000
30000
40000
50000
60000


FE2 Chip 5 Rms vs. BotDac
χ² / ndf 418 / 18
p0 1.369 ± 0.003979
p1 3.467e-05 ± 2.822e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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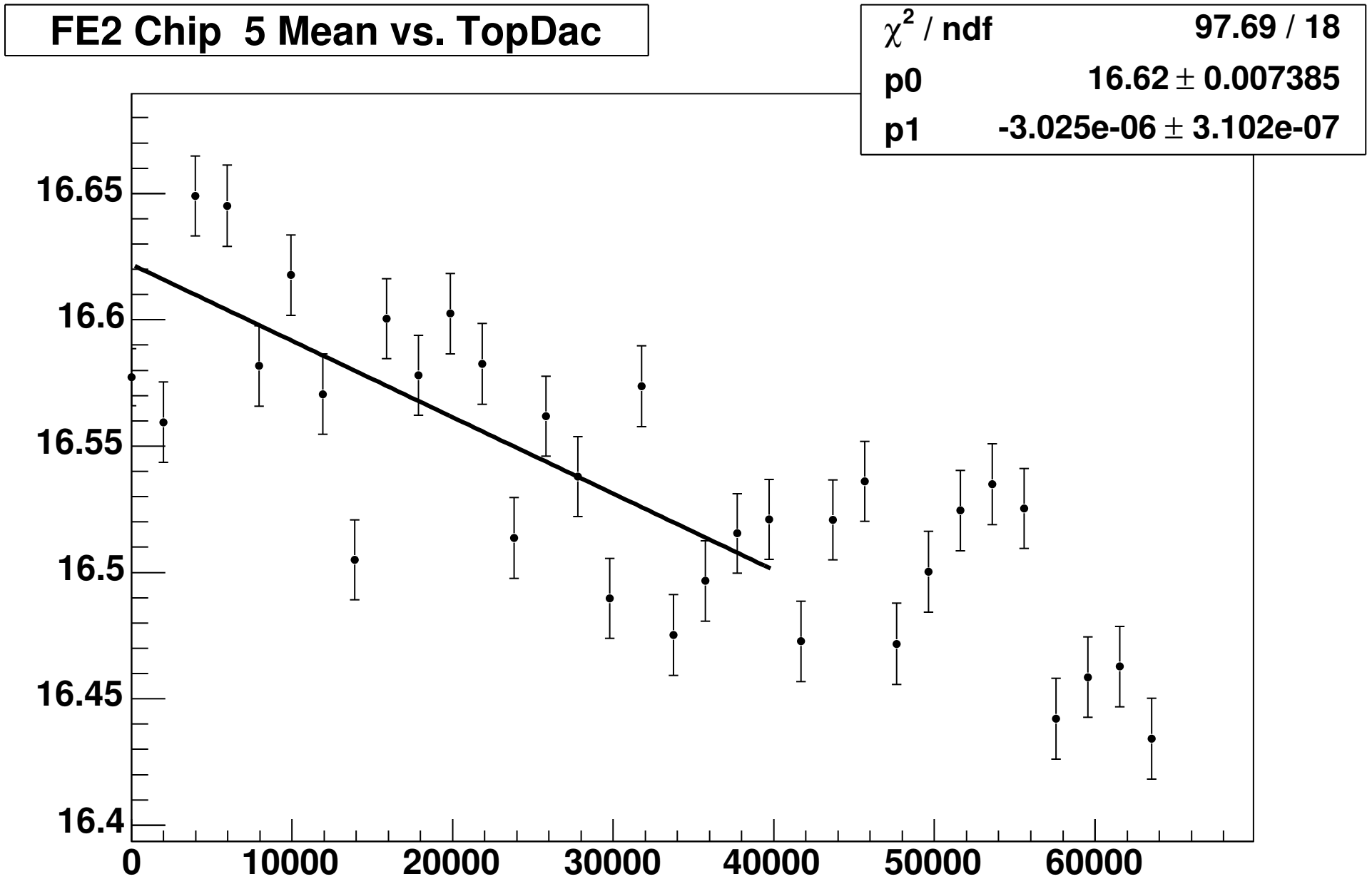
FE2 Chip 5 Mean vs. TopDac
χ² / ndf 97.69 / 18
p0 16.62 ± 0.007385
p1 -3.025e-06 ± 3.102e-07
16.65
16.6
16.55
16.5
16.45
16.4
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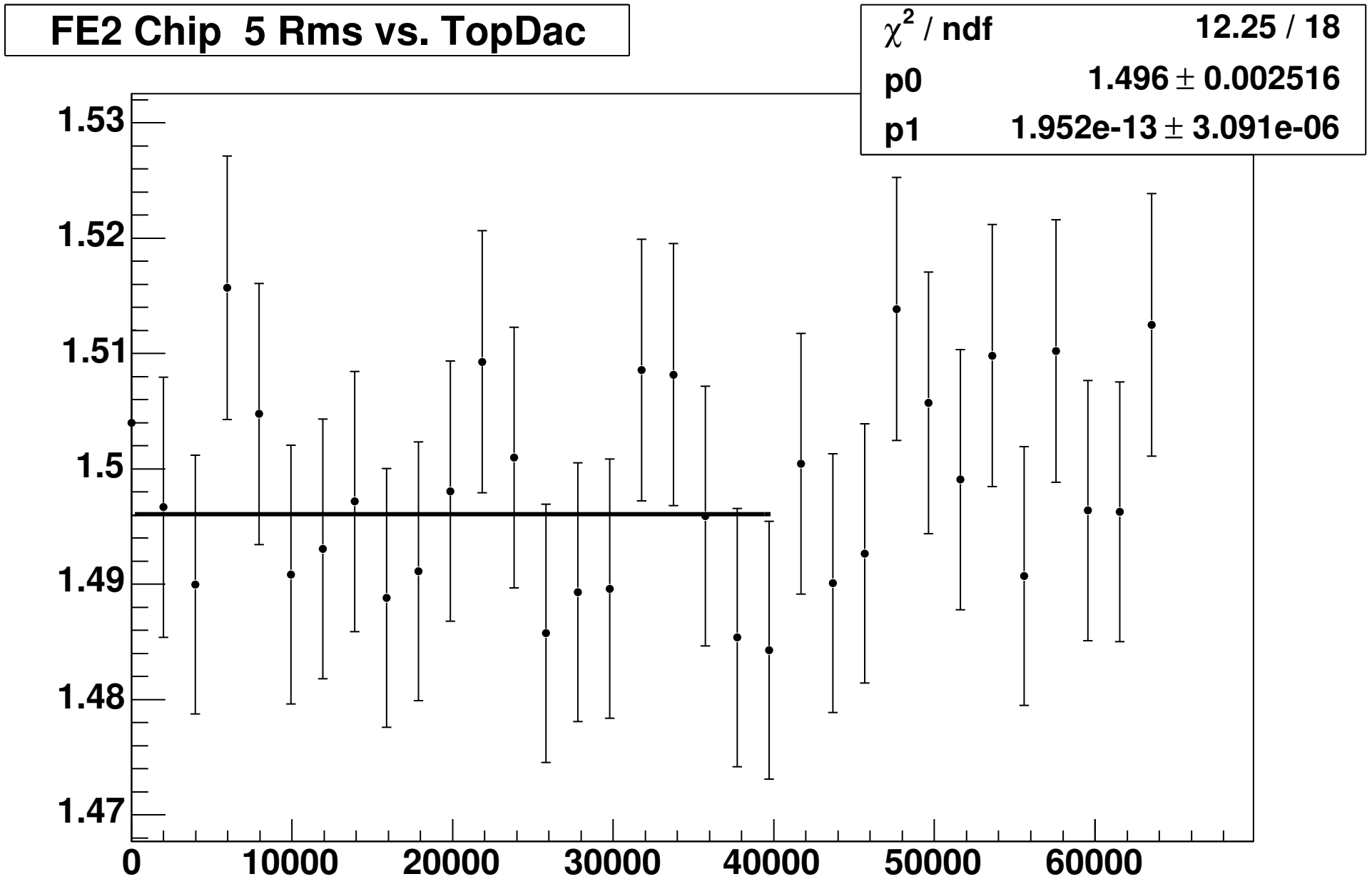
FE2 Chip 5 Rms vs. TopDac
χ² / ndf 12.25 / 18
p0 1.496 ± 0.002516
p1 1.952e-13 ± 3.091e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
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10000
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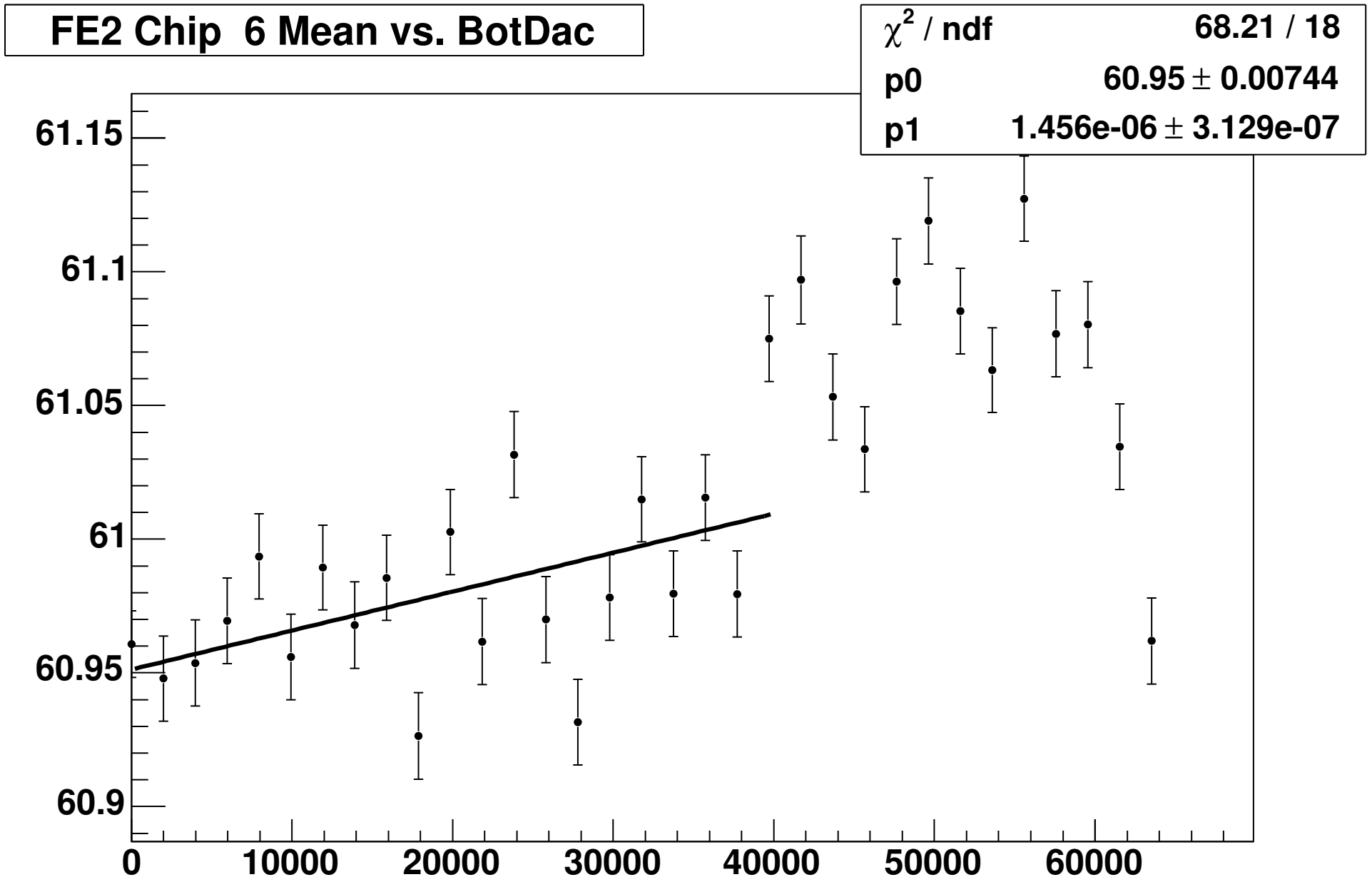
FE2 Chip 6 Mean vs. BotDac
χ² / ndf 68.21 / 18
p0 60.95 ± 0.00744
p1 1.456e-06 ± 3.129e-07
61.15
61.1
61.05
61
60.95
60.9
0
10000
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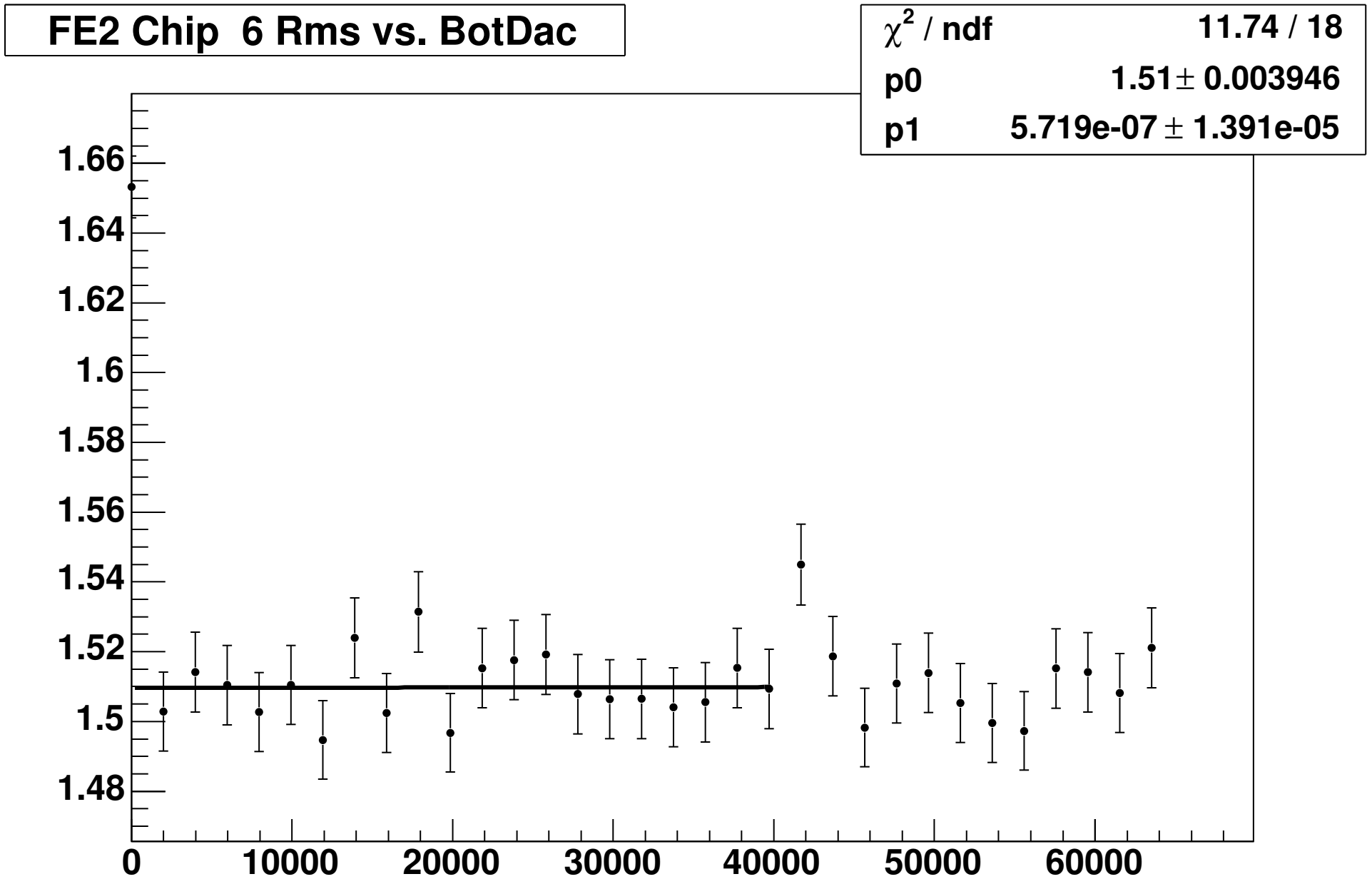
30000
40000
50000
60000


FE2 Chip 6 Rms vs. BotDac
χ² / ndf 11.74 / 18
p0 1.51 ± 0.003946
p1 5.719e-07 ± 1.391e-05
1.66
1.64
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
0
10000
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30000
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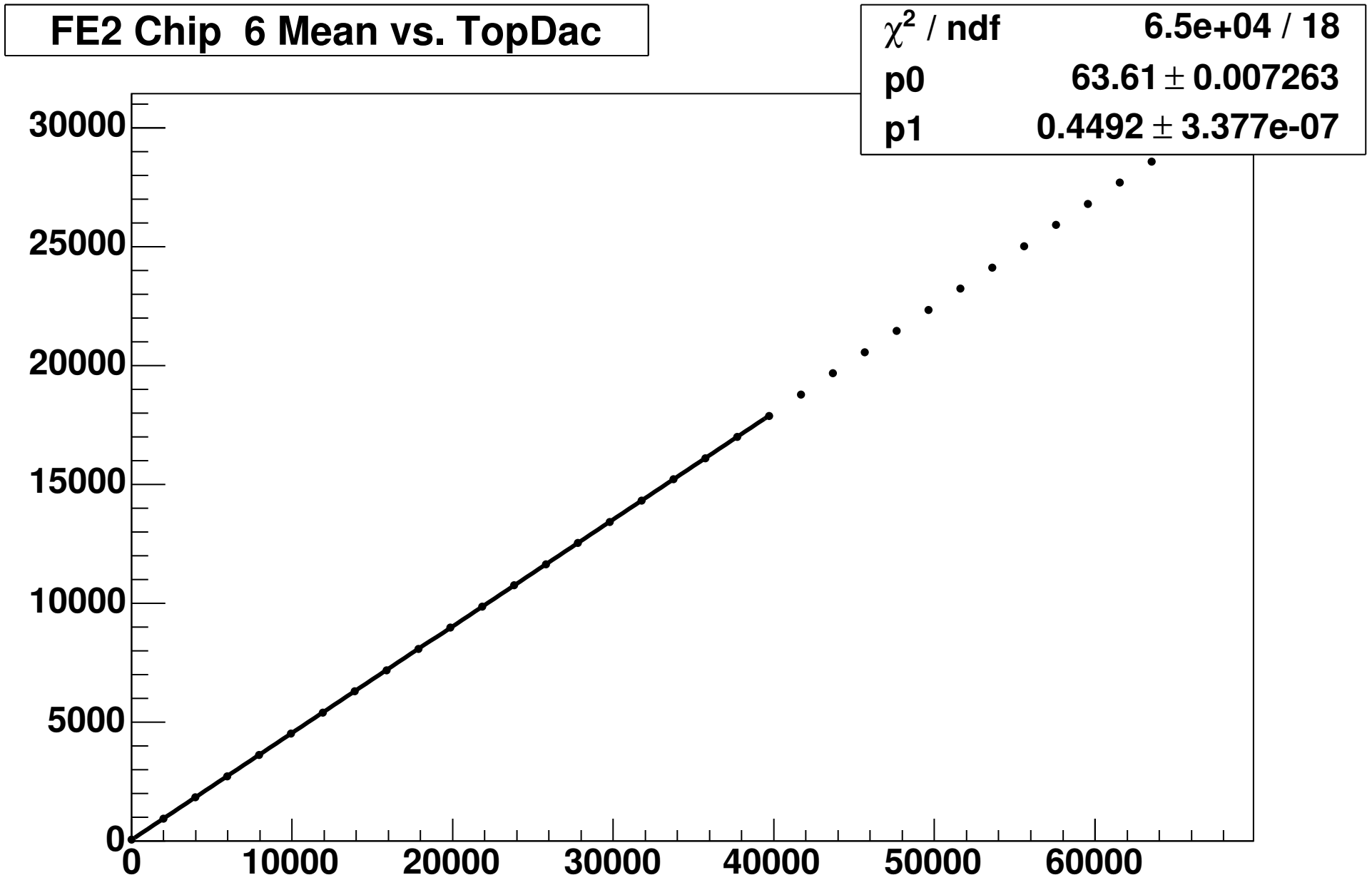
60000


FE2 Chip 6 Mean vs. TopDac
χ² / ndf 6.5e+04 / 18
p0 63.61 ± 0.007263
p1 0.4492 ± 3.377e-07
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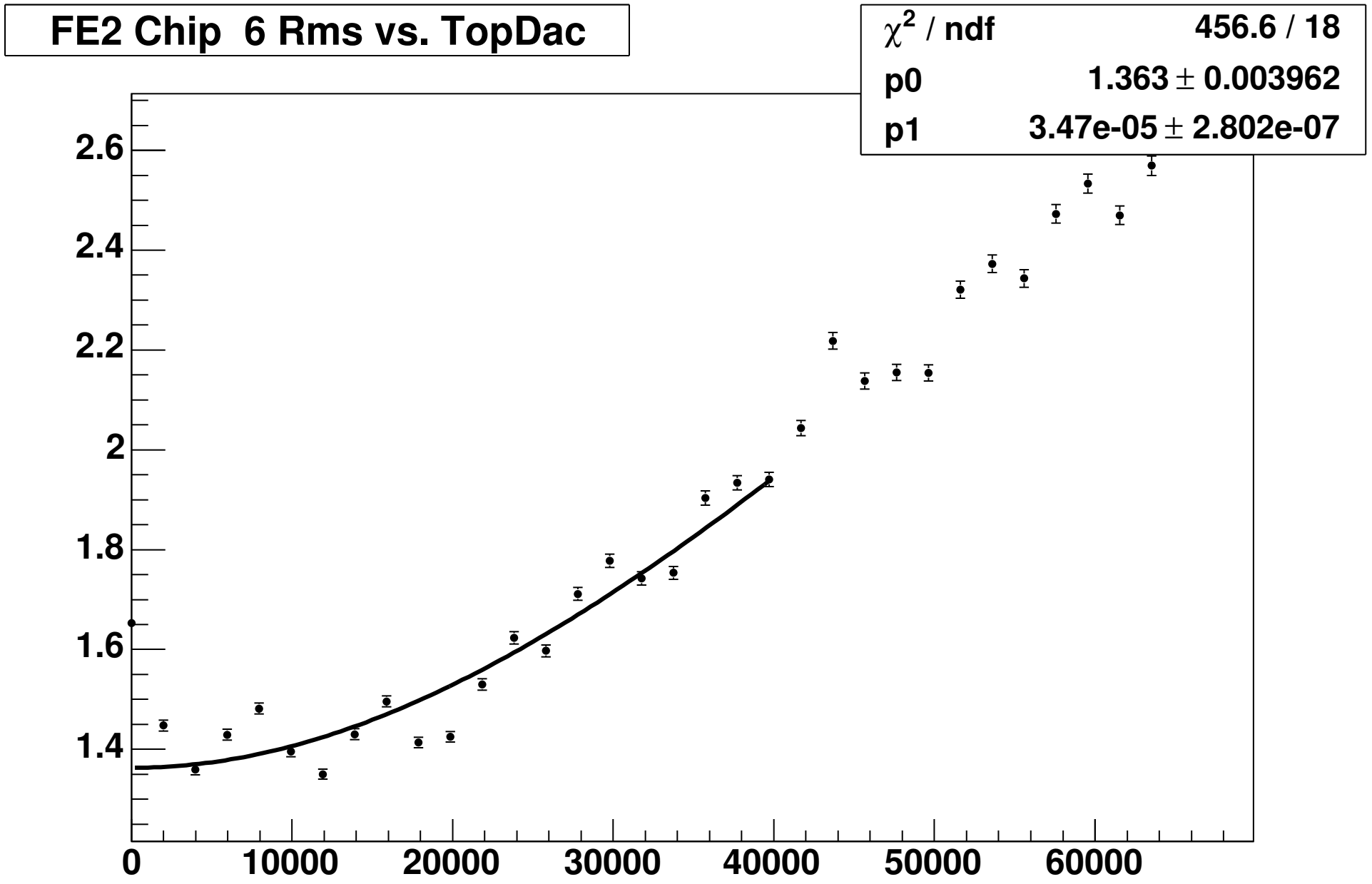
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 6 Rms vs. TopDac
χ² / ndf 456.6 / 18
p0 1.363 ± 0.003962
p1 3.47e-05 ± 2.802e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
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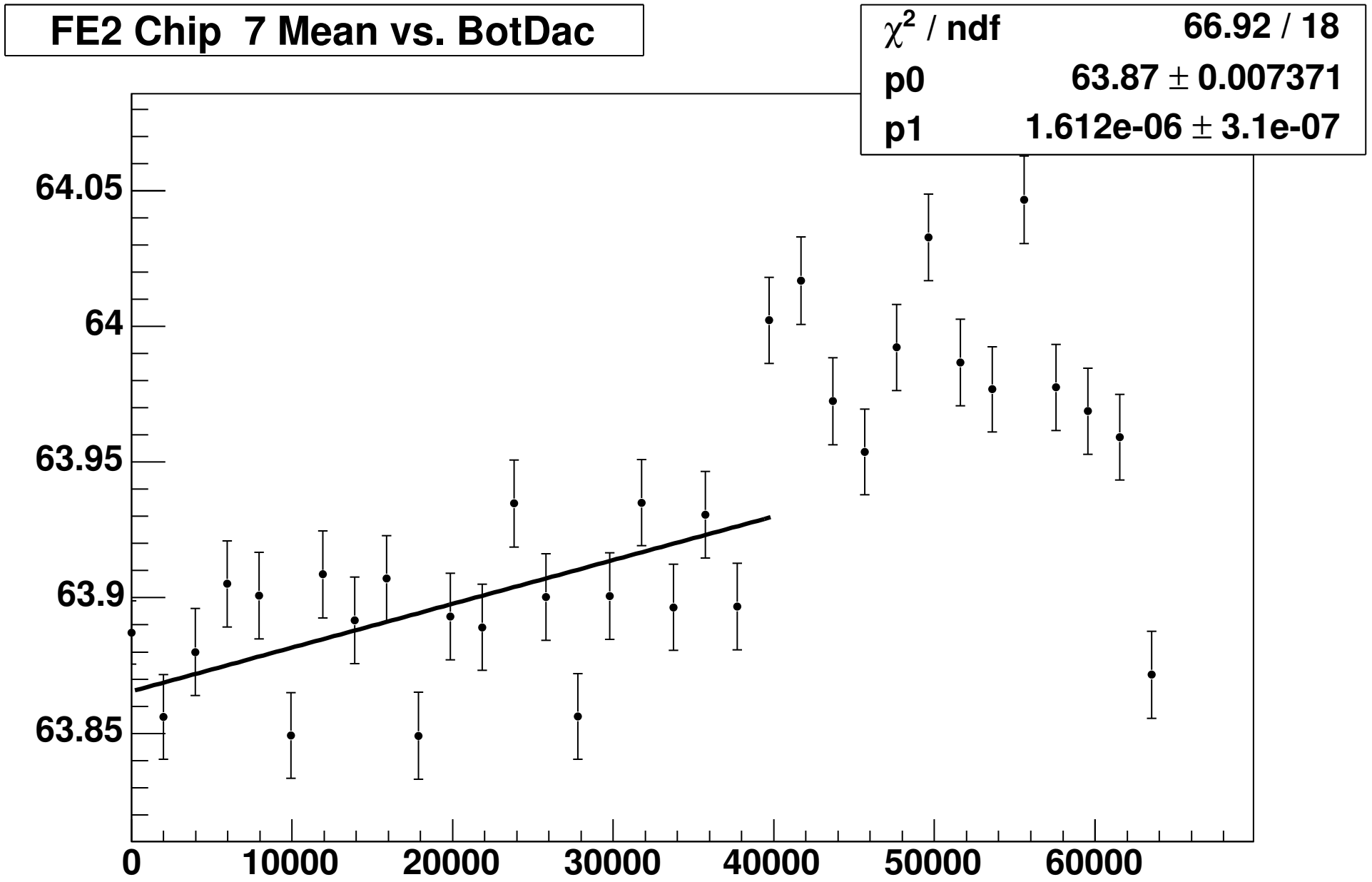
FE2 Chip 7 Mean vs. BotDac
χ² / ndf 66.92 / 18
p0 63.87 ± 0.007371
p1 1.612e-06 ± 3.1e-07
64.05
64
63.95
63.9
63.85
0
10000
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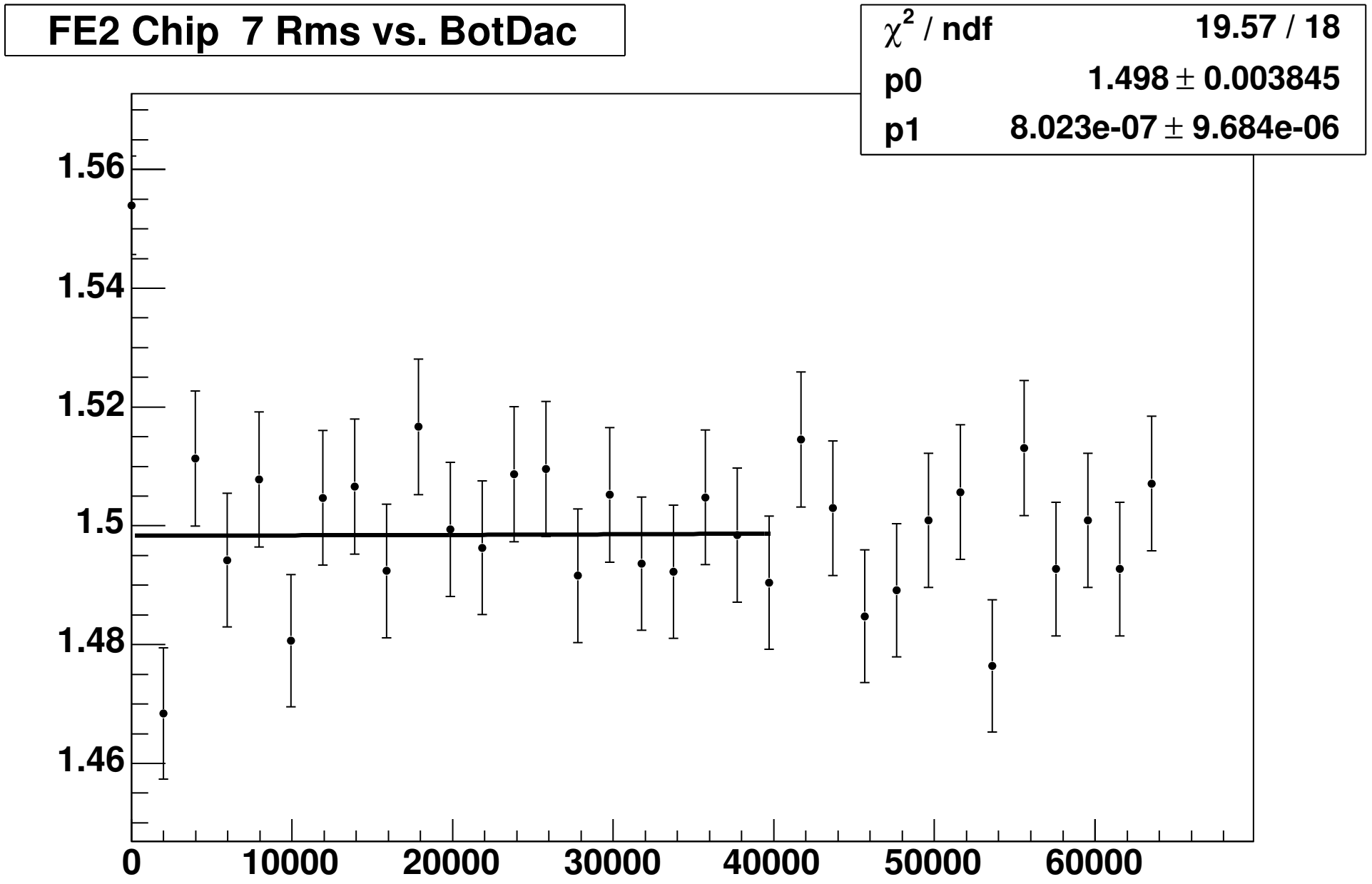
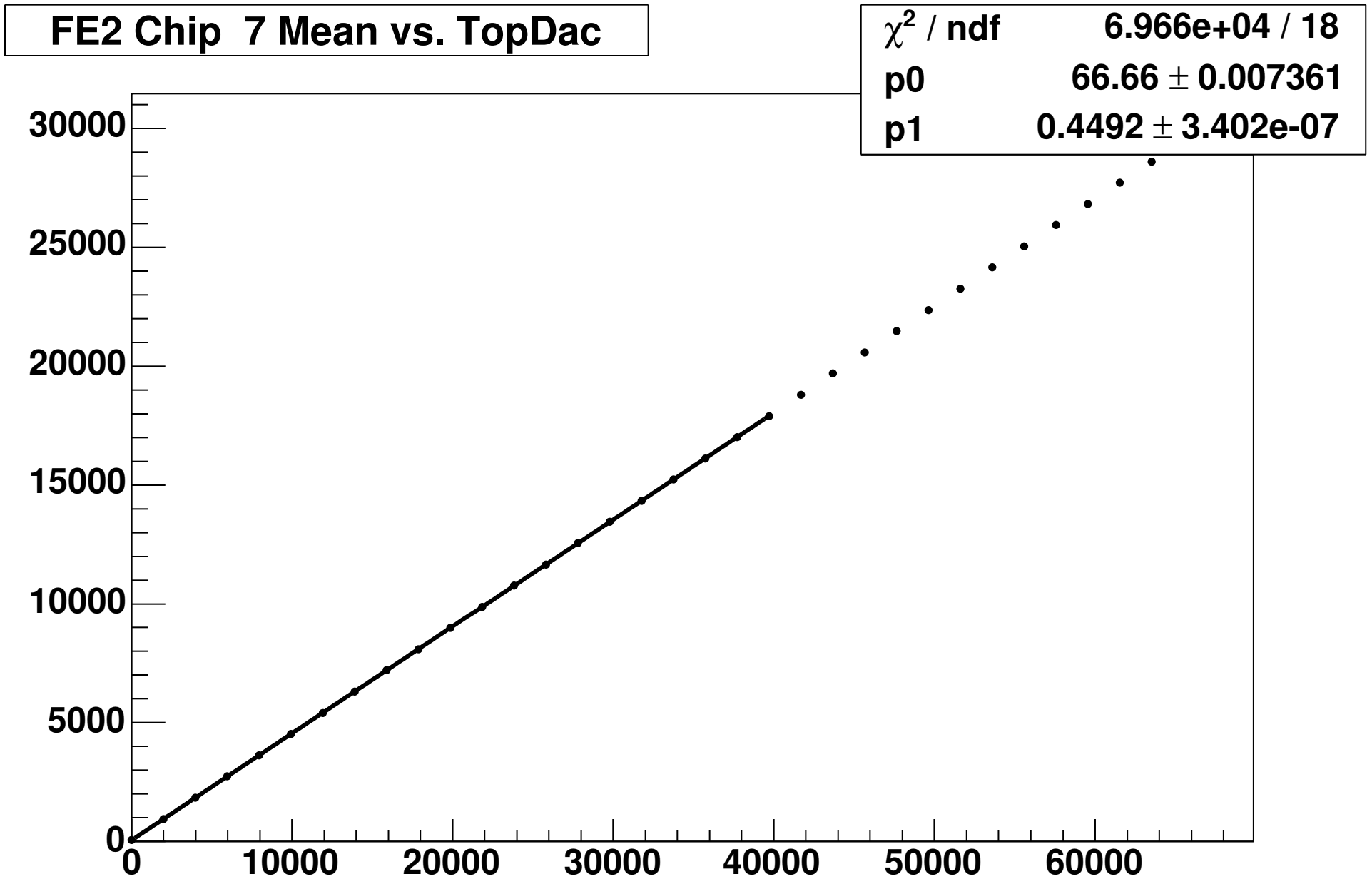
30000
40000
50000
60000


FE2 Chip 7 Rms vs. BotDac
χ² / ndf 19.57 / 18
p0 1.498 ± 0.003845
p1 8.023e-07 ± 9.684e-06
1.56
1.54
1.52
1.5
1.48
1.46
0
10000
20000
30000
40000
50000
60000


FE2 Chip 7 Mean vs. TopDac
χ² / ndf 6.966e+04 / 18
p0 66.66 ± 0.007361
p1 0.4492 ± 3.402e-07
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25000
20000
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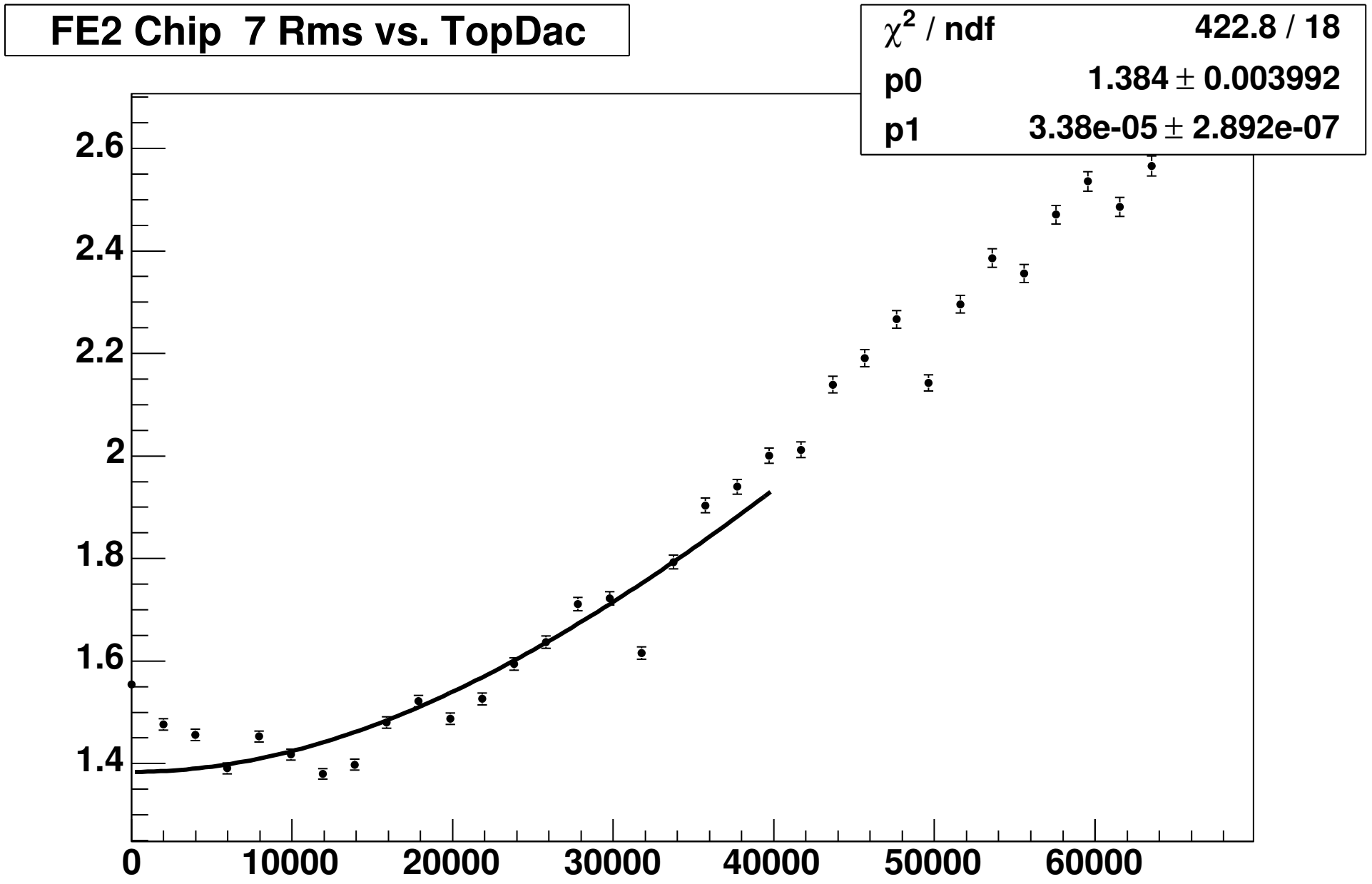
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 7 Rms vs. TopDac
χ² / ndf 422.8 / 18
p0 1.384 ± 0.003992
p1 3.38e-05 ± 2.892e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
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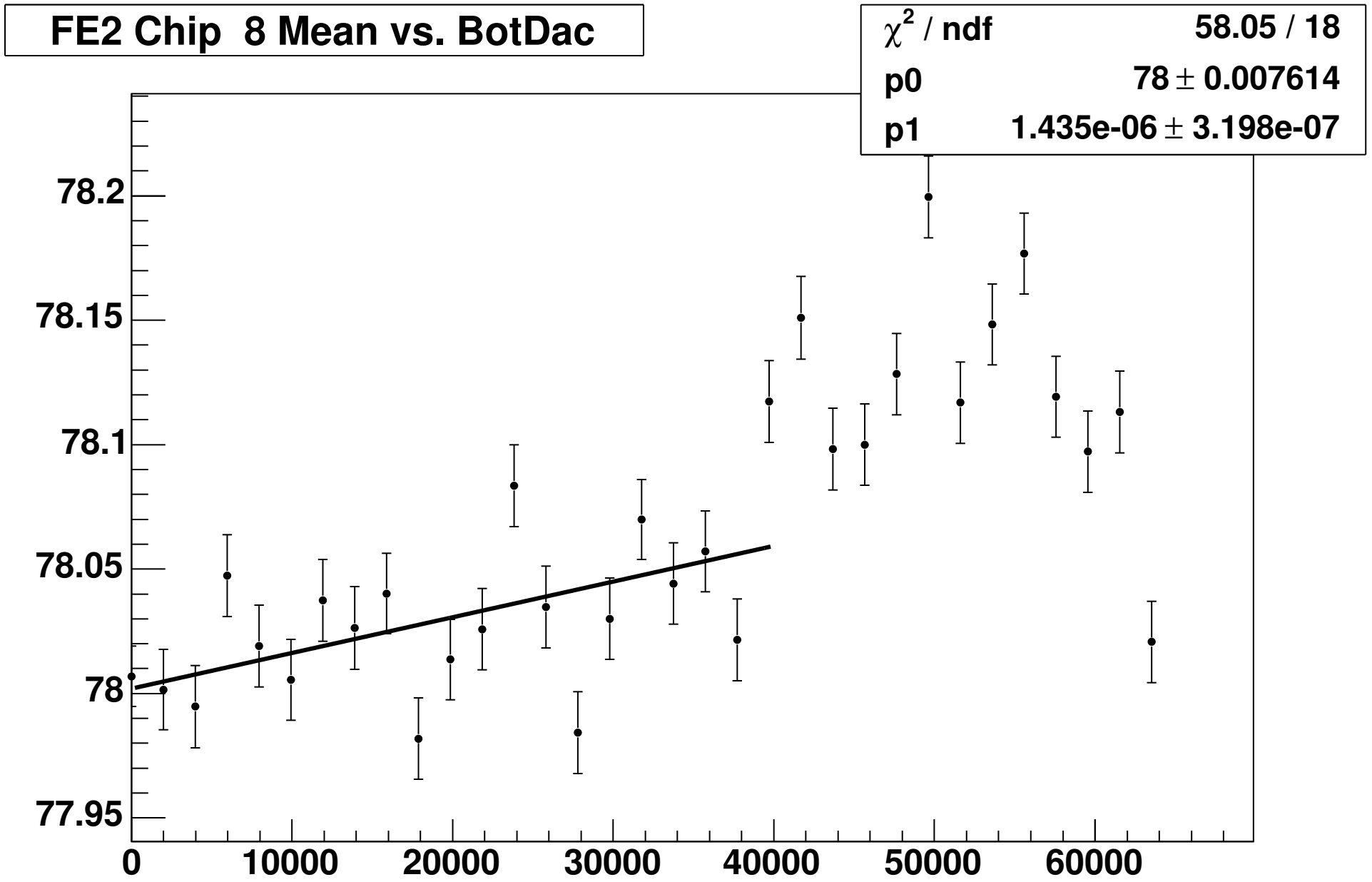
60000


FE2 Chip 8 Mean vs. BotDac
χ² / ndf 58.05 / 18
p0 78 ± 0.007614
p1 1.435e-06 ± 3.198e-07
78.2
78.15
78.1
78.05
78
77.95
0
10000
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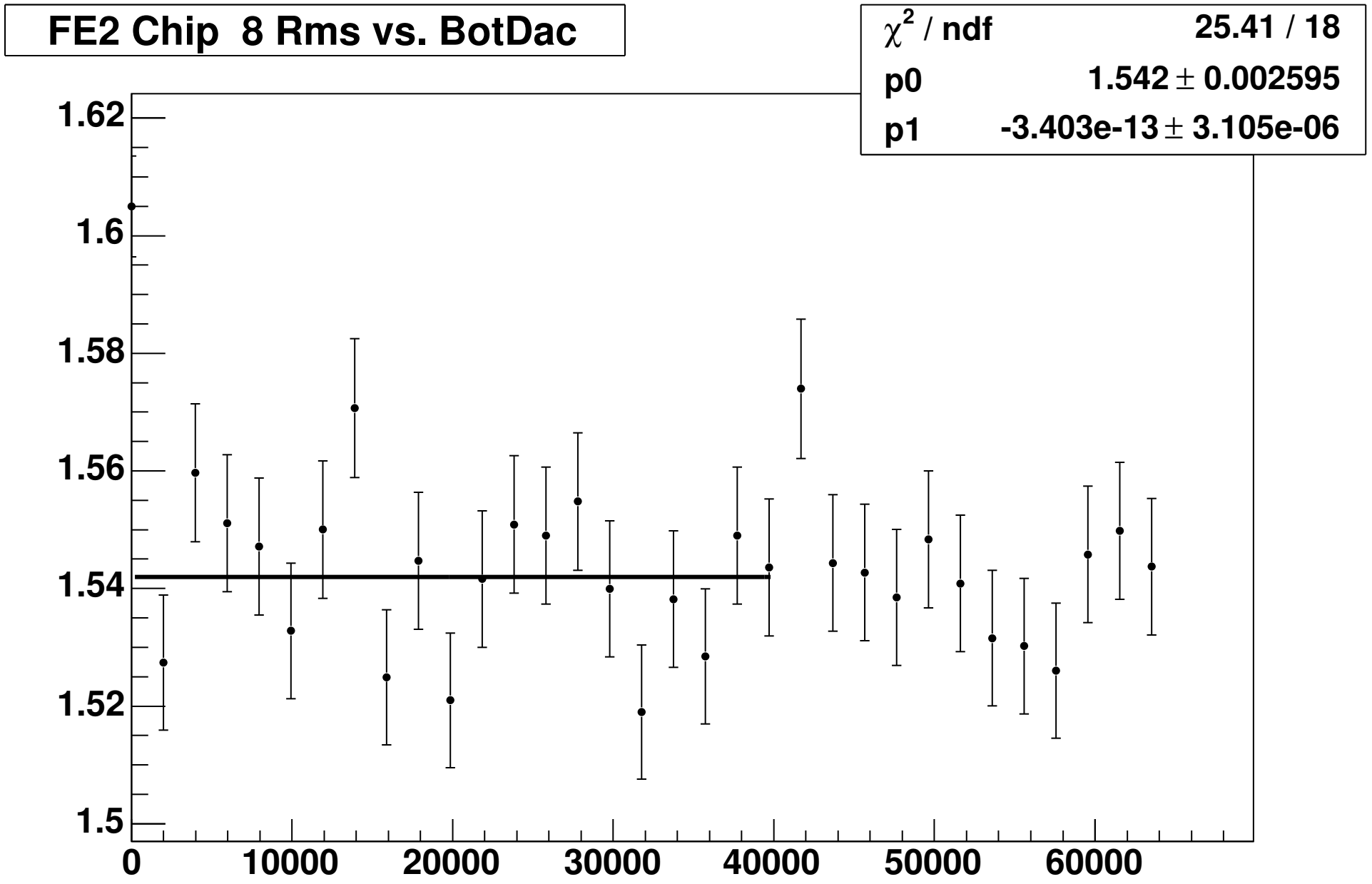
FE2 Chip 8 Rms vs. BotDac
χ² / ndf 25.41 / 18
p0 1.542 ± 0.002595
p1 -3.403e-13 ± 3.105e-06
1.62
1.6
1.58
1.56
1.54
1.52
1.5
0
10000
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30000
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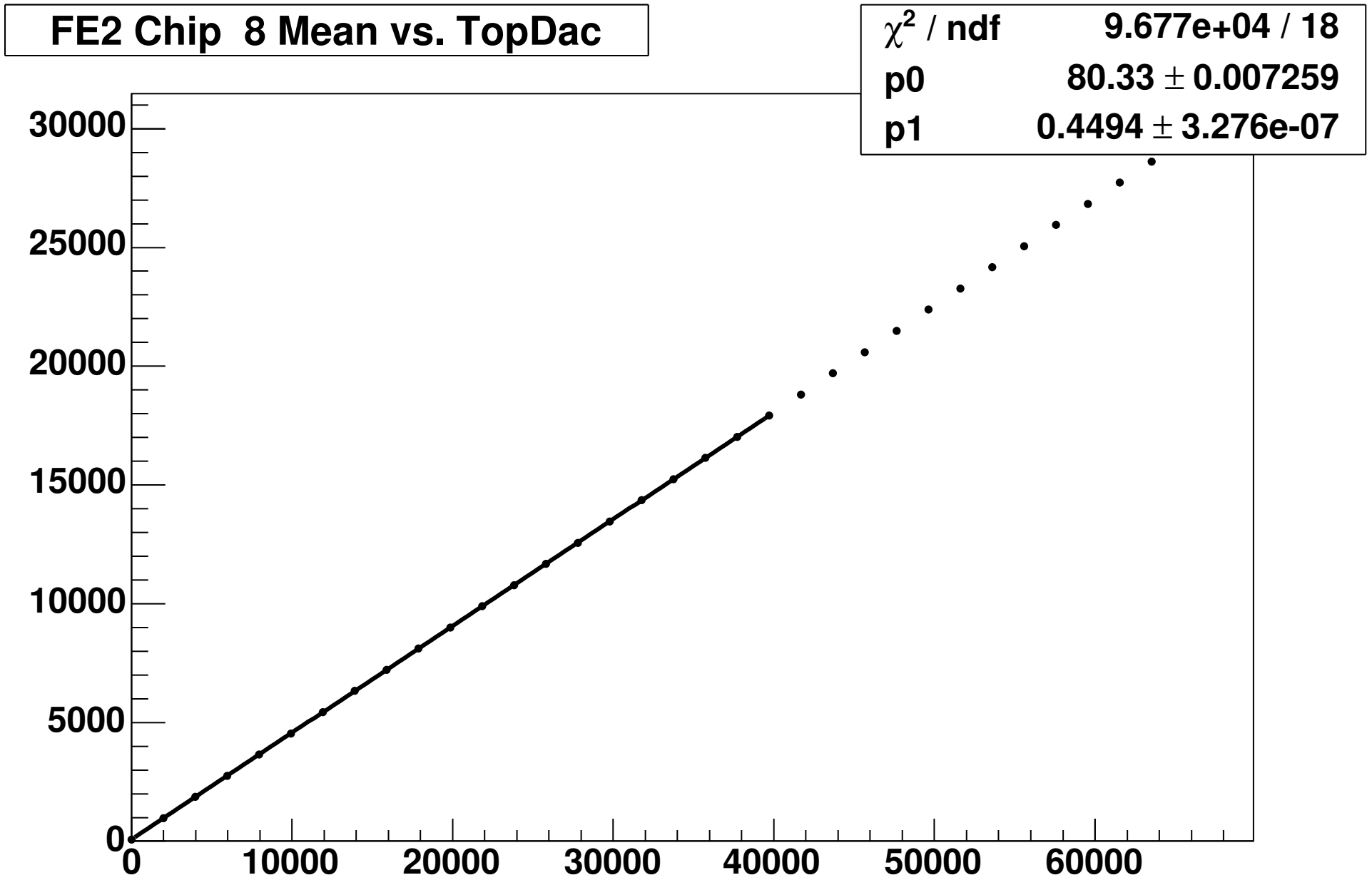
50000
60000


FE2 Chip 8 Mean vs. TopDac
χ² / ndf 9.677e+04 / 18
p0 80.33 ± 0.007259
p1 0.4494 ± 3.276e-07
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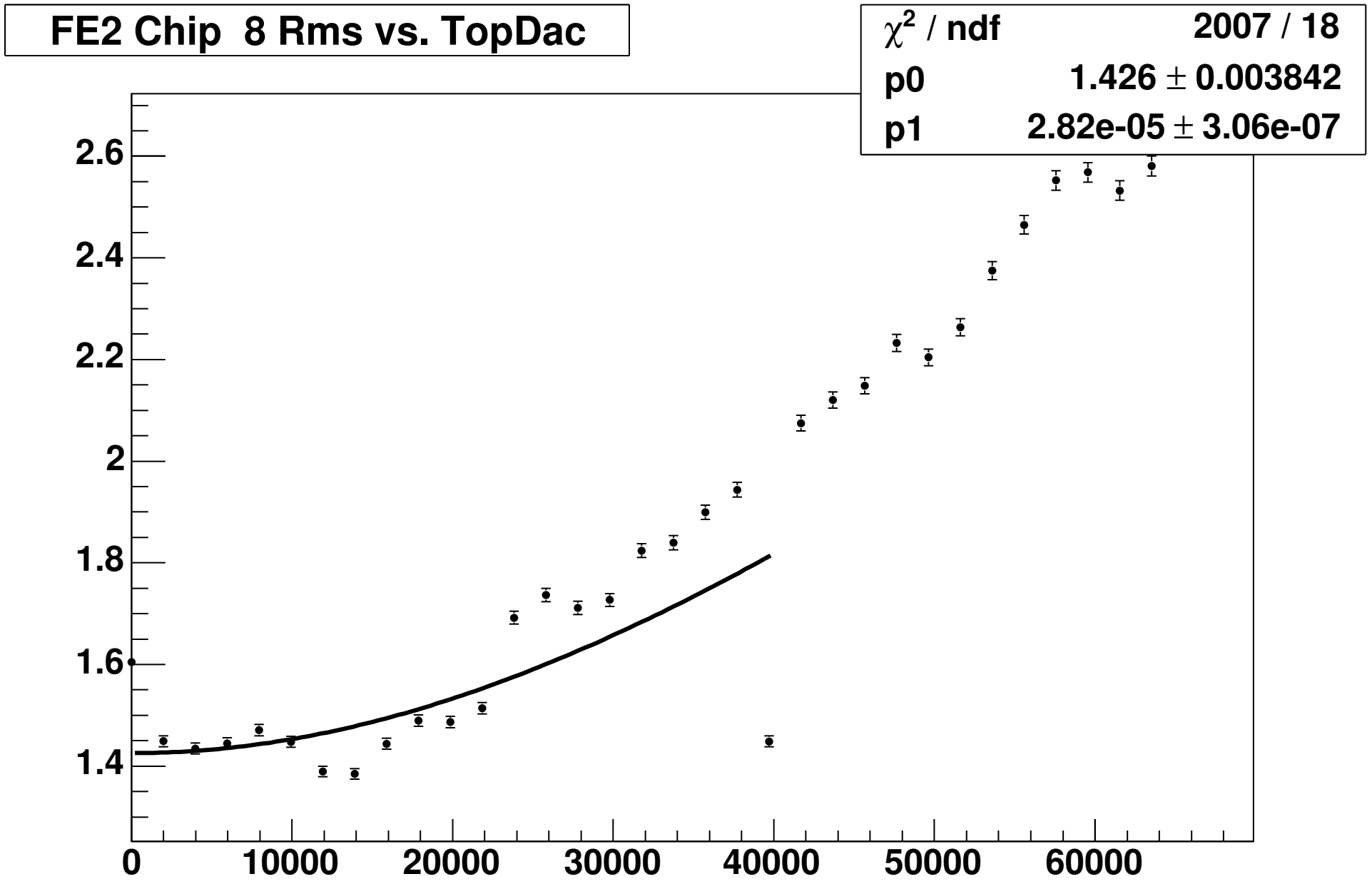
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 8 Rms vs. TopDac
χ² / ndf 2007 / 18
p0 1.426 ± 0.003842
p1 2.82e-05 ± 3.06e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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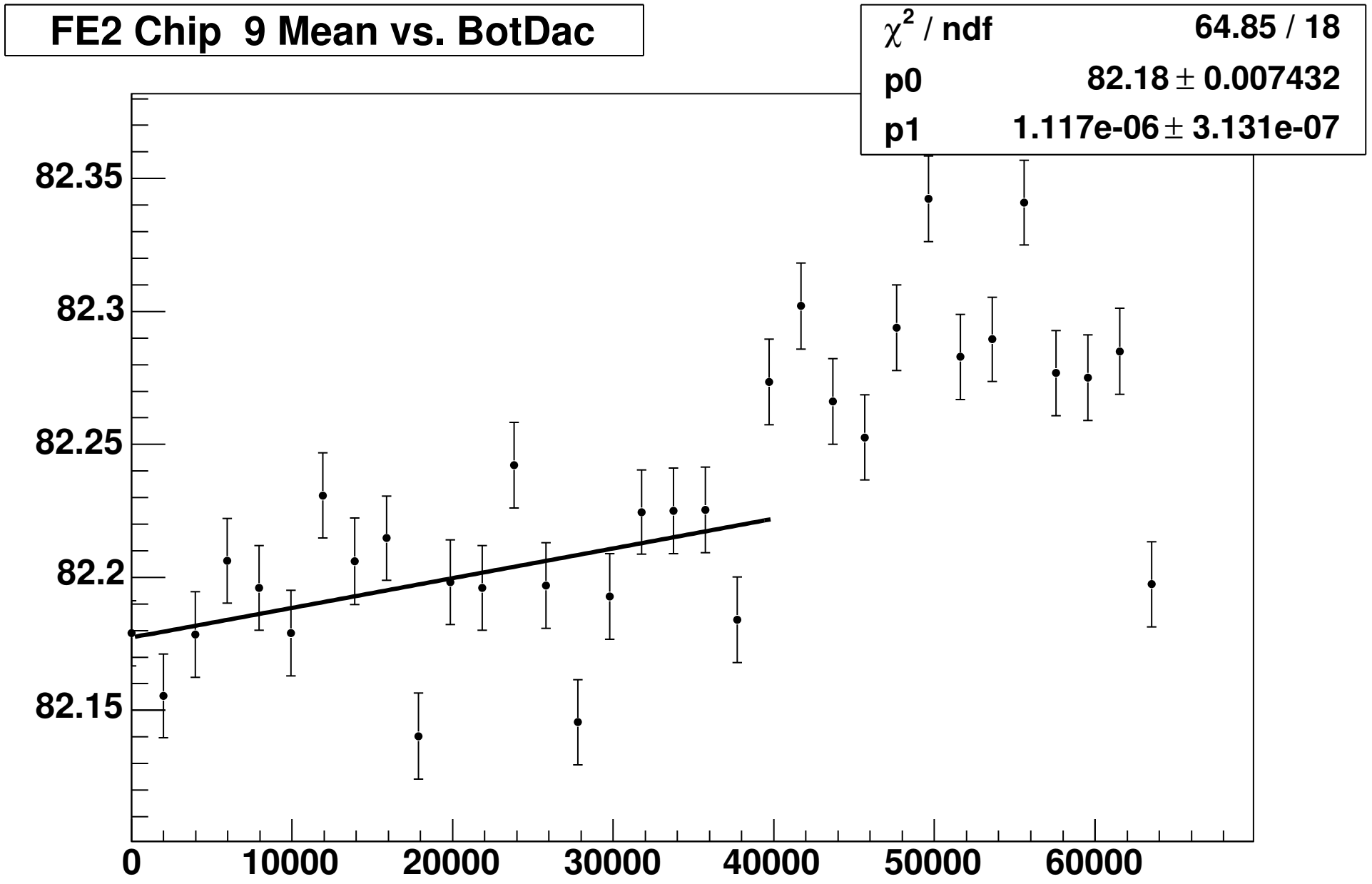
FE2 Chip 9 Mean vs. BotDac
χ² / ndf 64.85 / 18
p0 82.18 ± 0.007432
p1 1.117e-06 ± 3.131e-07
82.35
82.3
82.25
82.2
82.15
0
10000
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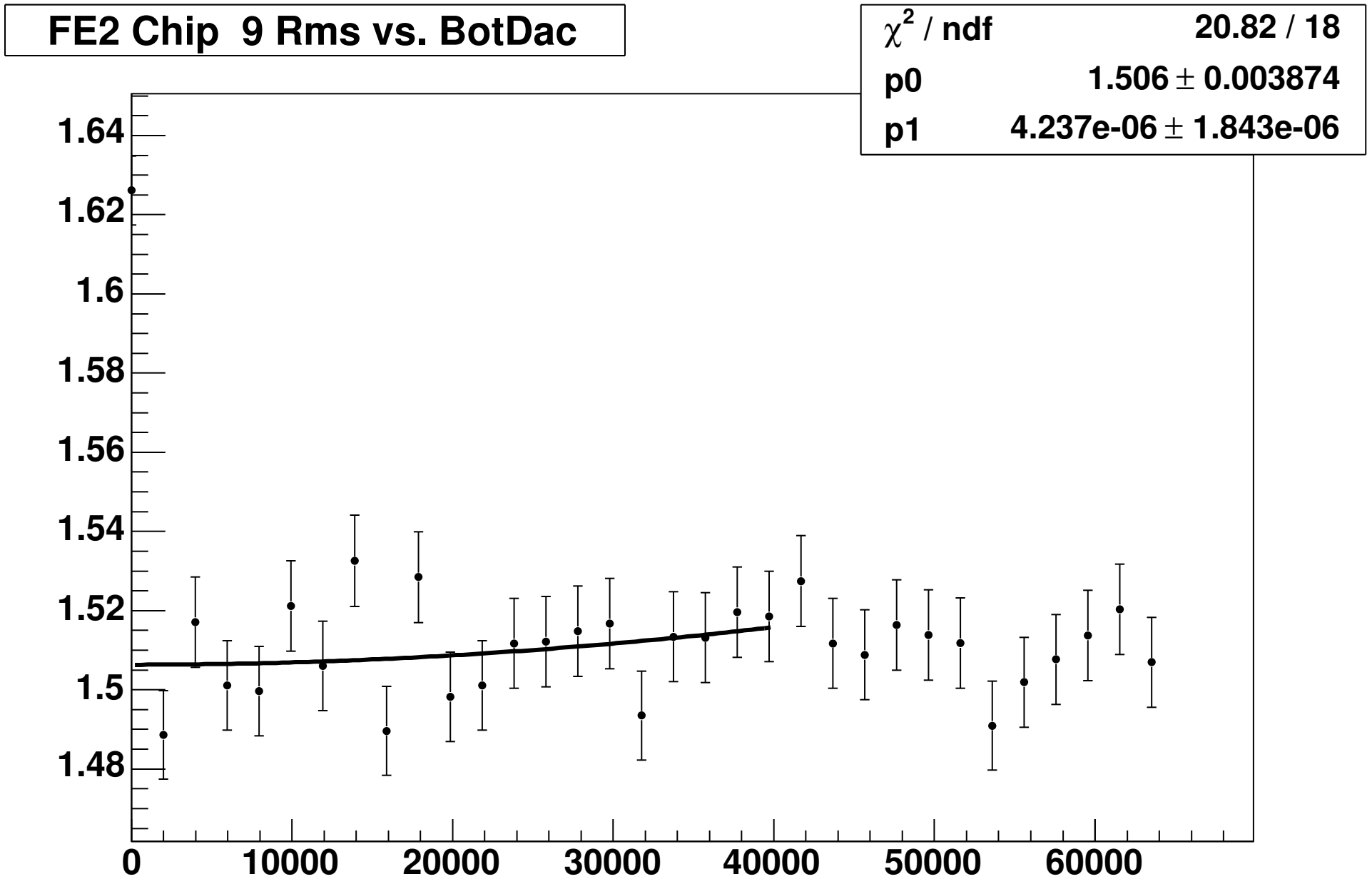
FE2 Chip 9 Rms vs. BotDac
χ² / ndf 20.82 / 18
p0 1.506 ± 0.003874
p1 4.237e-06 ± 1.843e-06
1.64
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
0
10000
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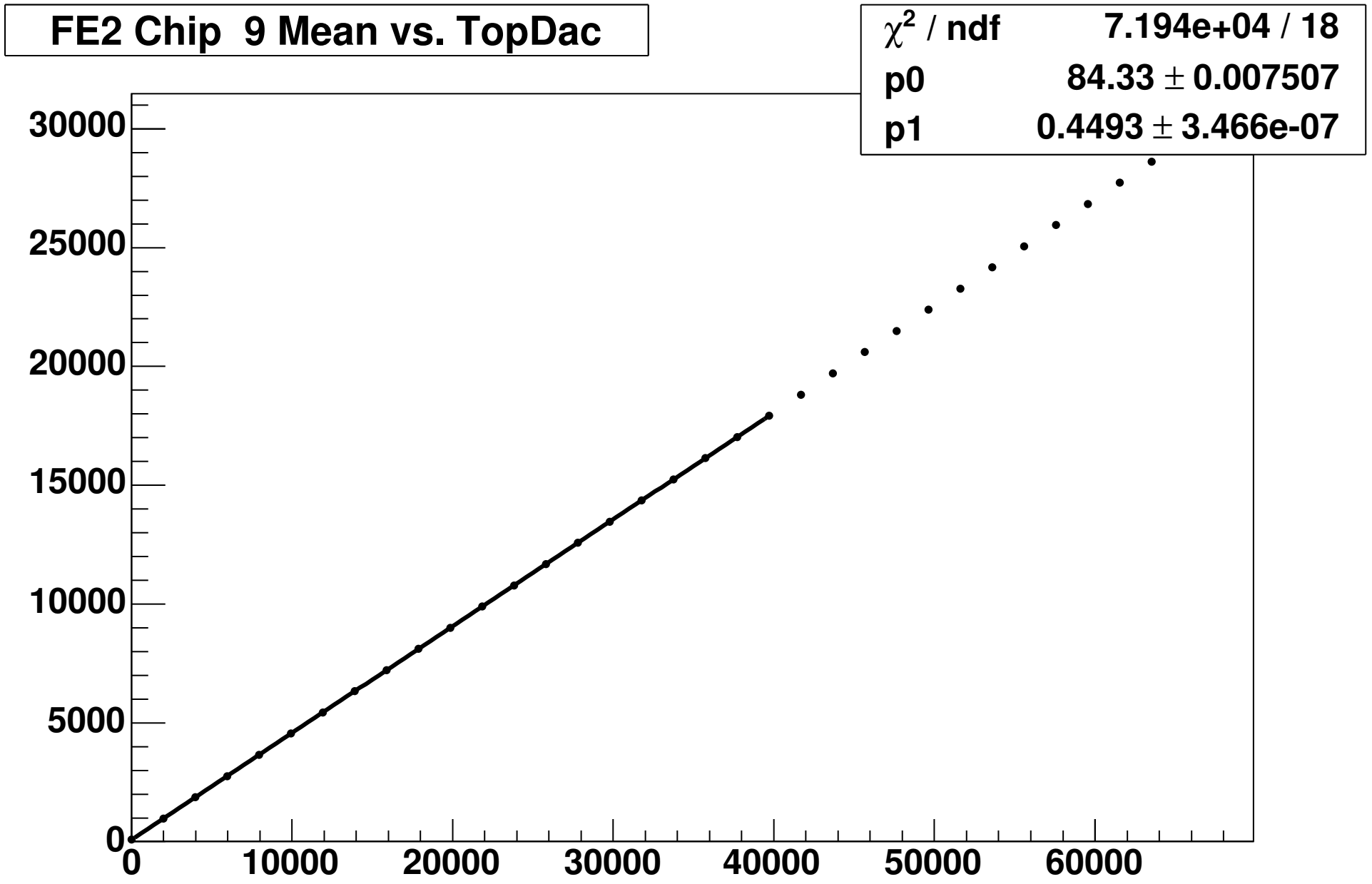
FE2 Chip 9 Mean vs. TopDac
χ² / ndf 7.194e+04 / 18
p0 84.33 ± 0.007507
p1 0.4493 ± 3.466e-07
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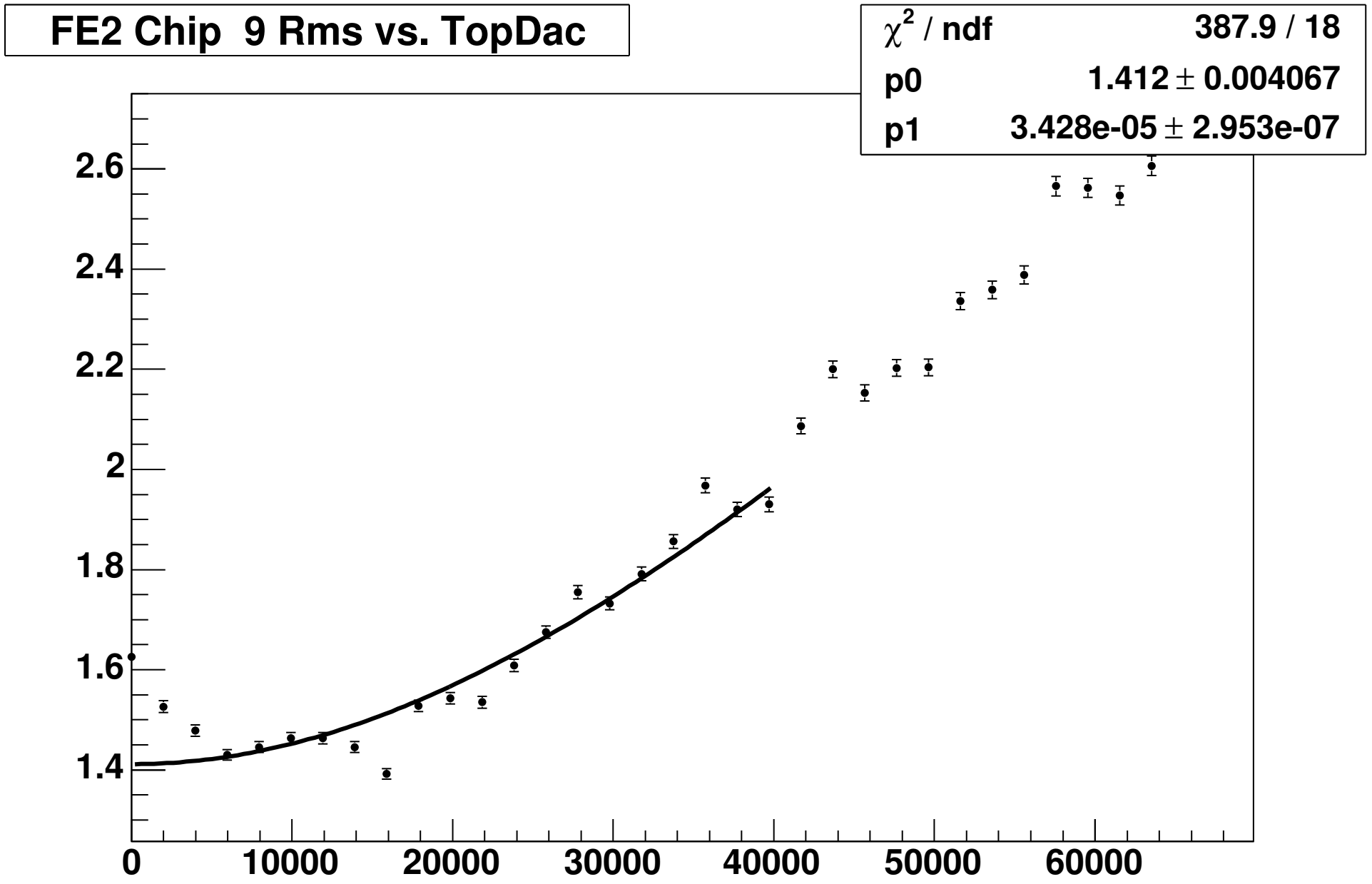
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 9 Rms vs. TopDac
χ² / ndf 387.9 / 18
p0 1.412 ± 0.004067
p1 3.428e-05 ± 2.953e-07
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2.4
2.2
2
1.8
1.6
1.4
0
10000
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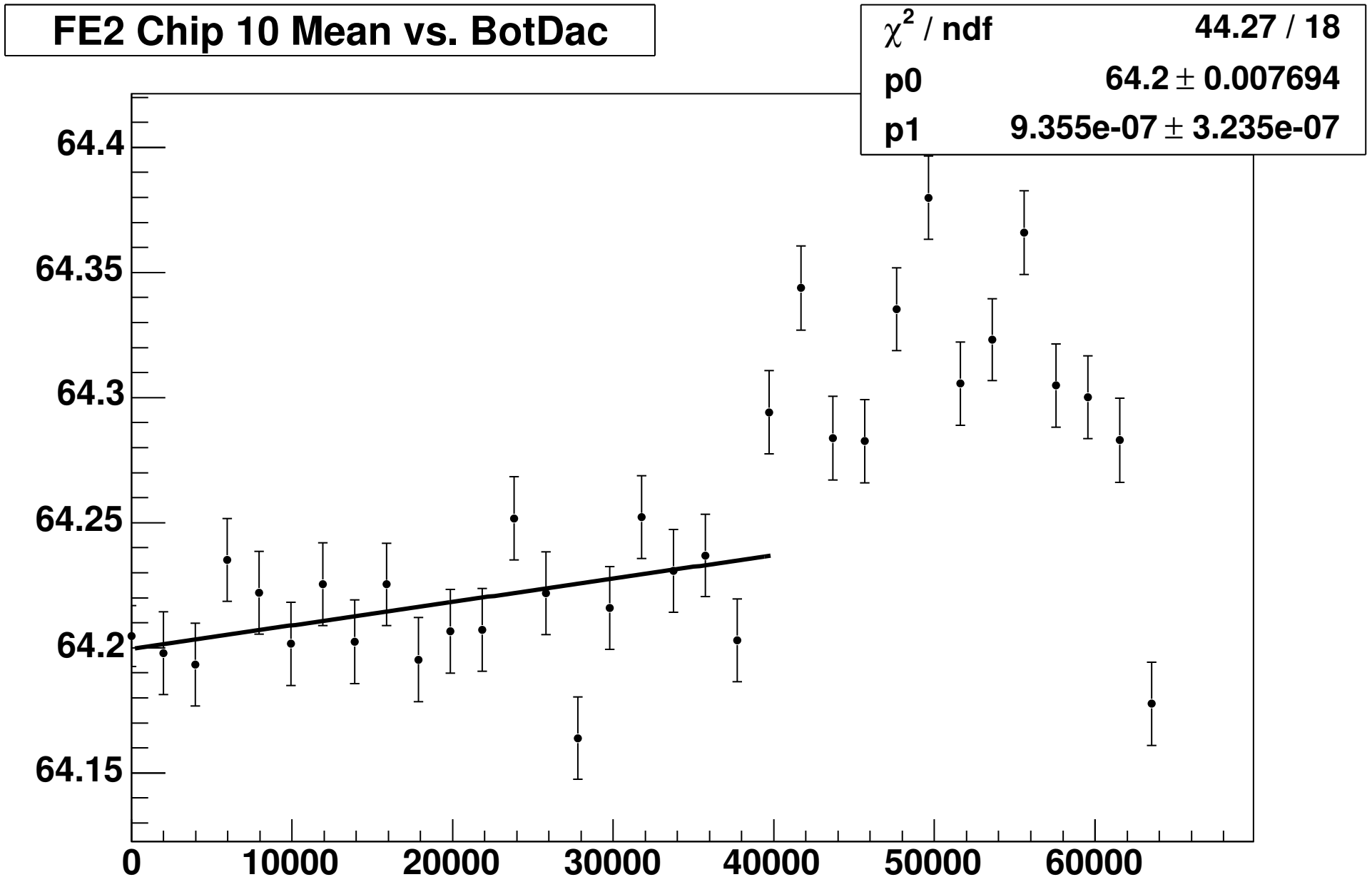
30000
40000
50000
60000


FE2 Chip 10 Mean vs. BotDac
χ² / ndf 44.27 / 18
p0 64.2 ± 0.007694
p1 9.355e-07 ± 3.235e-07
64.4
64.35
64.3
64.25
64.2
64.15
0
10000
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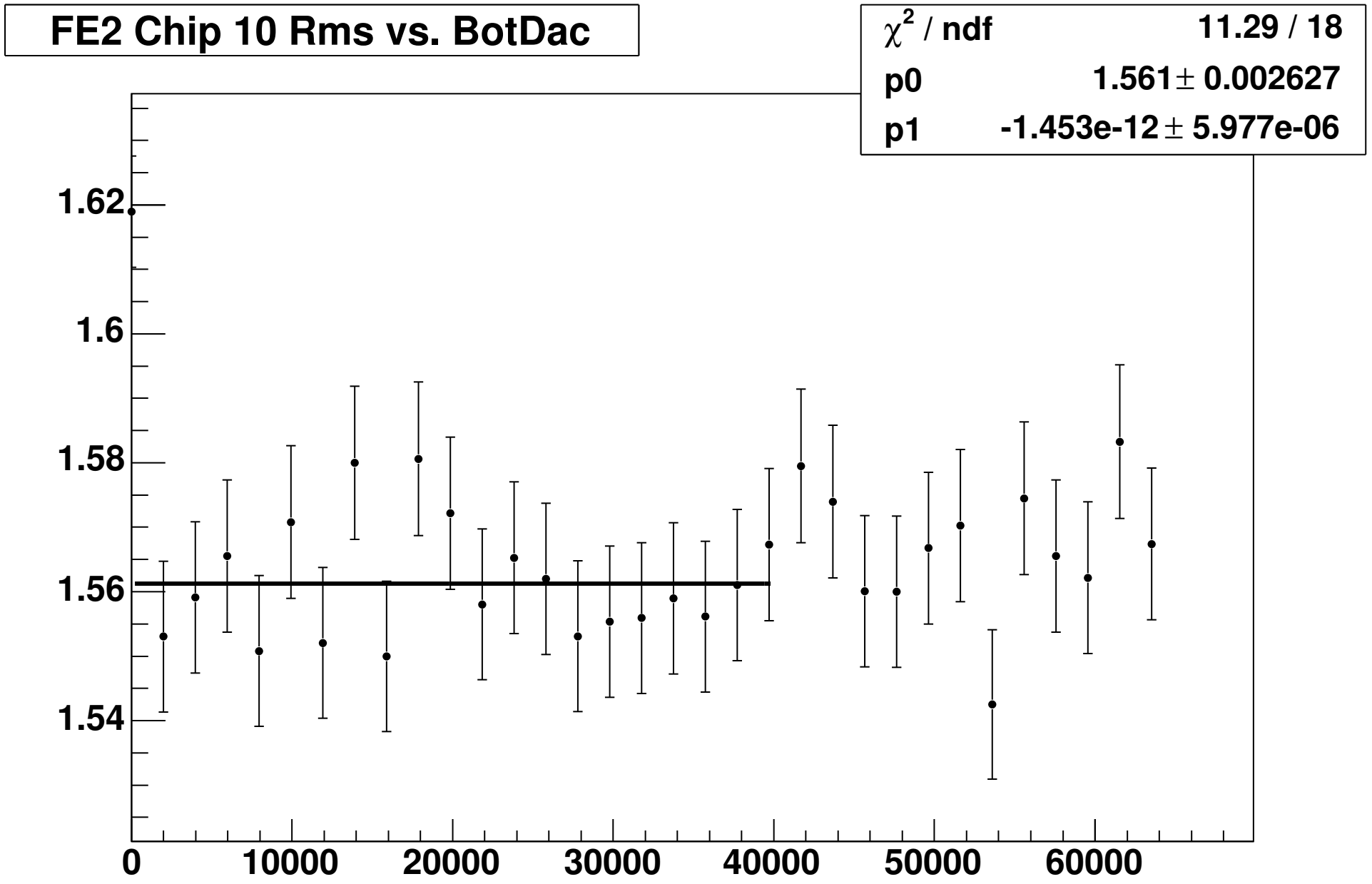
40000
50000
60000


FE2 Chip 10 Rms vs. BotDac
χ² / ndf 11.29 / 18
p0 1.561 ± 0.002627
p1 -1.453e-12 ± 5.977e-06
1.62
1.6
1.58
1.56
1.54
0
10000
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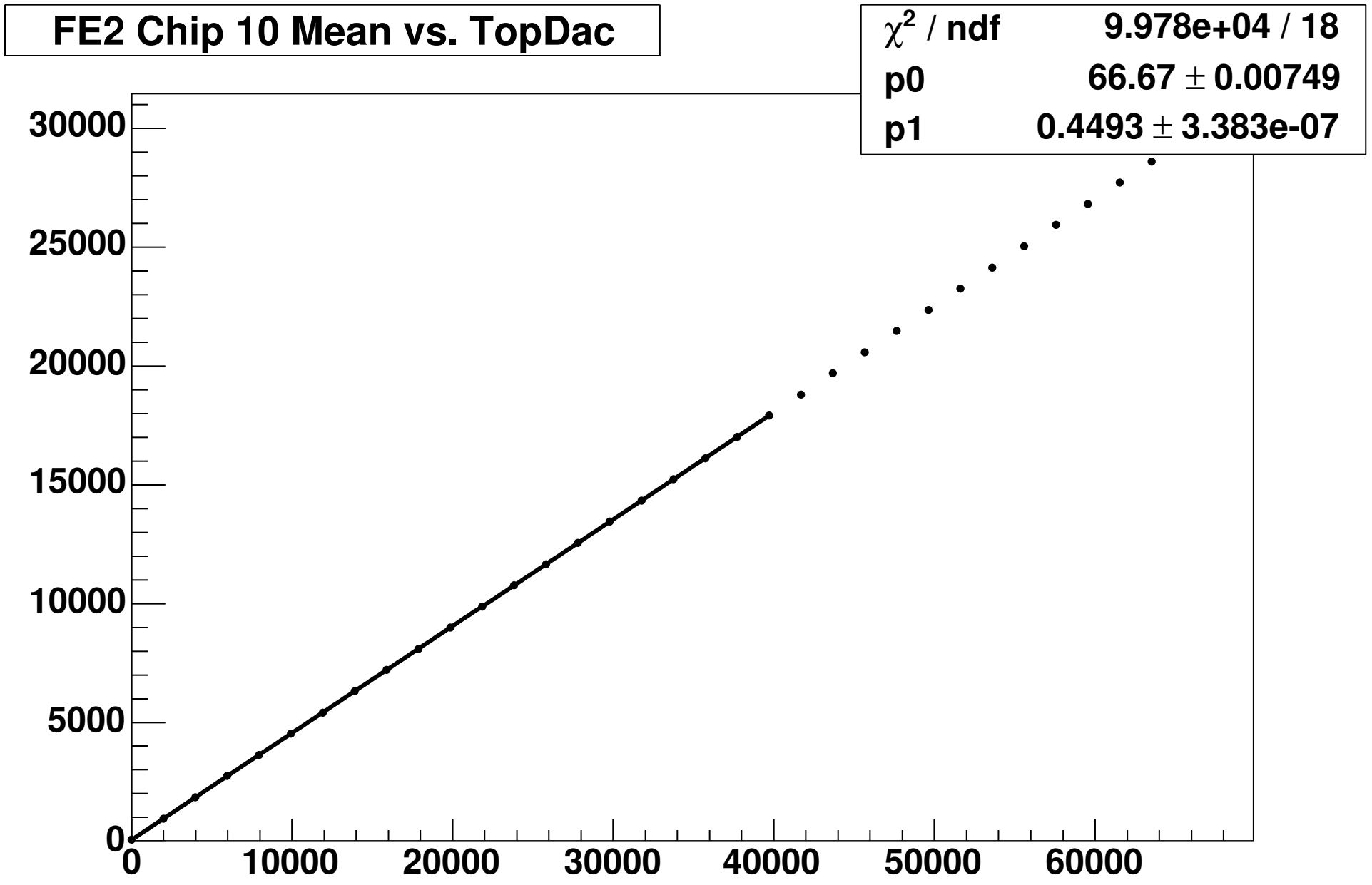
40000
50000
60000


FE2 Chip 10 Mean vs. TopDac
χ² / ndf 9.978e+04 / 18
p0 66.67 ± 0.00749
p1 0.4493 ± 3.383e-07
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10000
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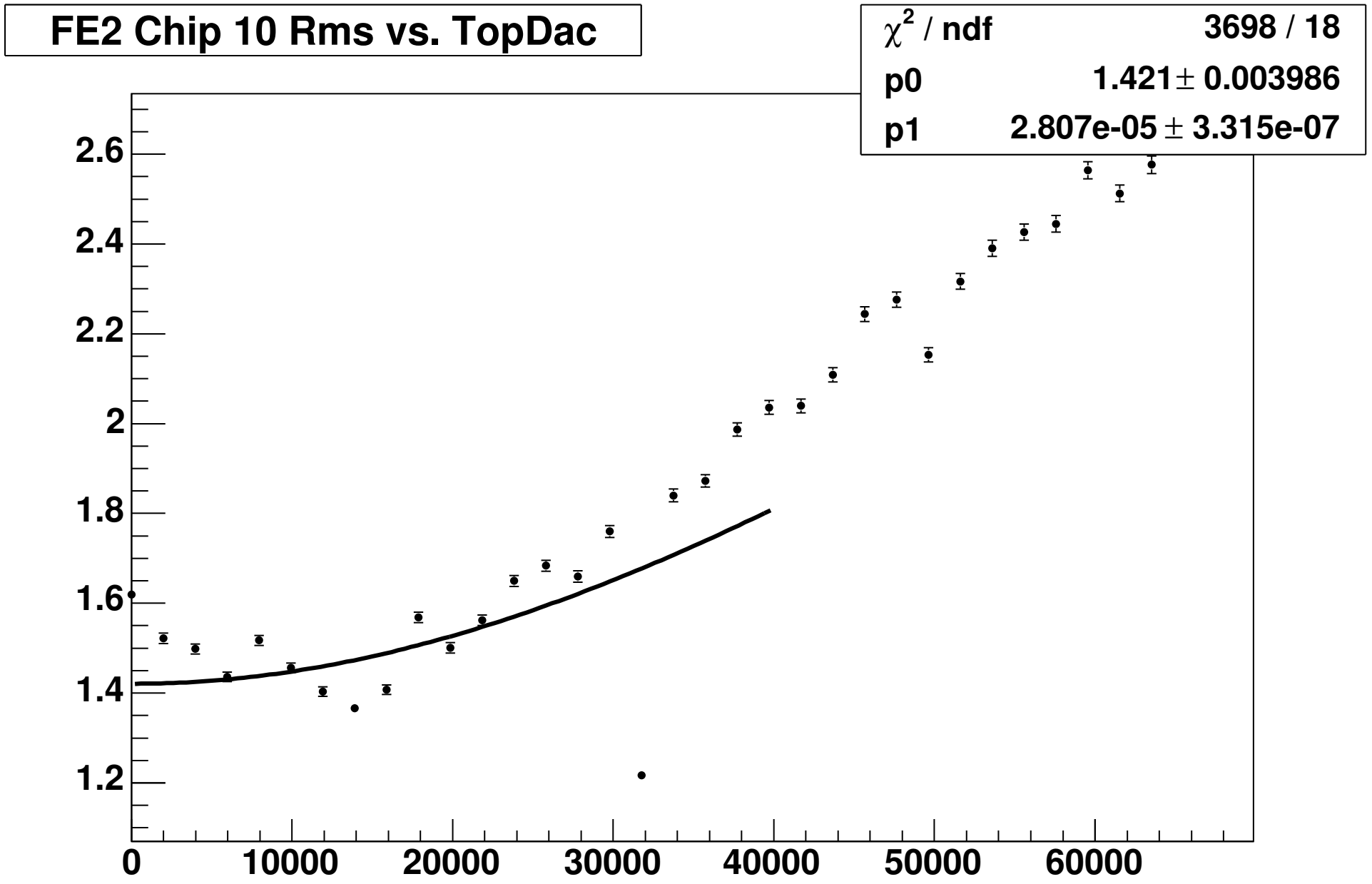
0
0
10000
20000
30000
40000
50000
60000


FE2 Chip 10 Rms vs. TopDac
χ² / ndf 3698 / 18
p0 1.421 ± 0.003986
p1 2.807e-05 ± 3.315e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
0
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40000
50000
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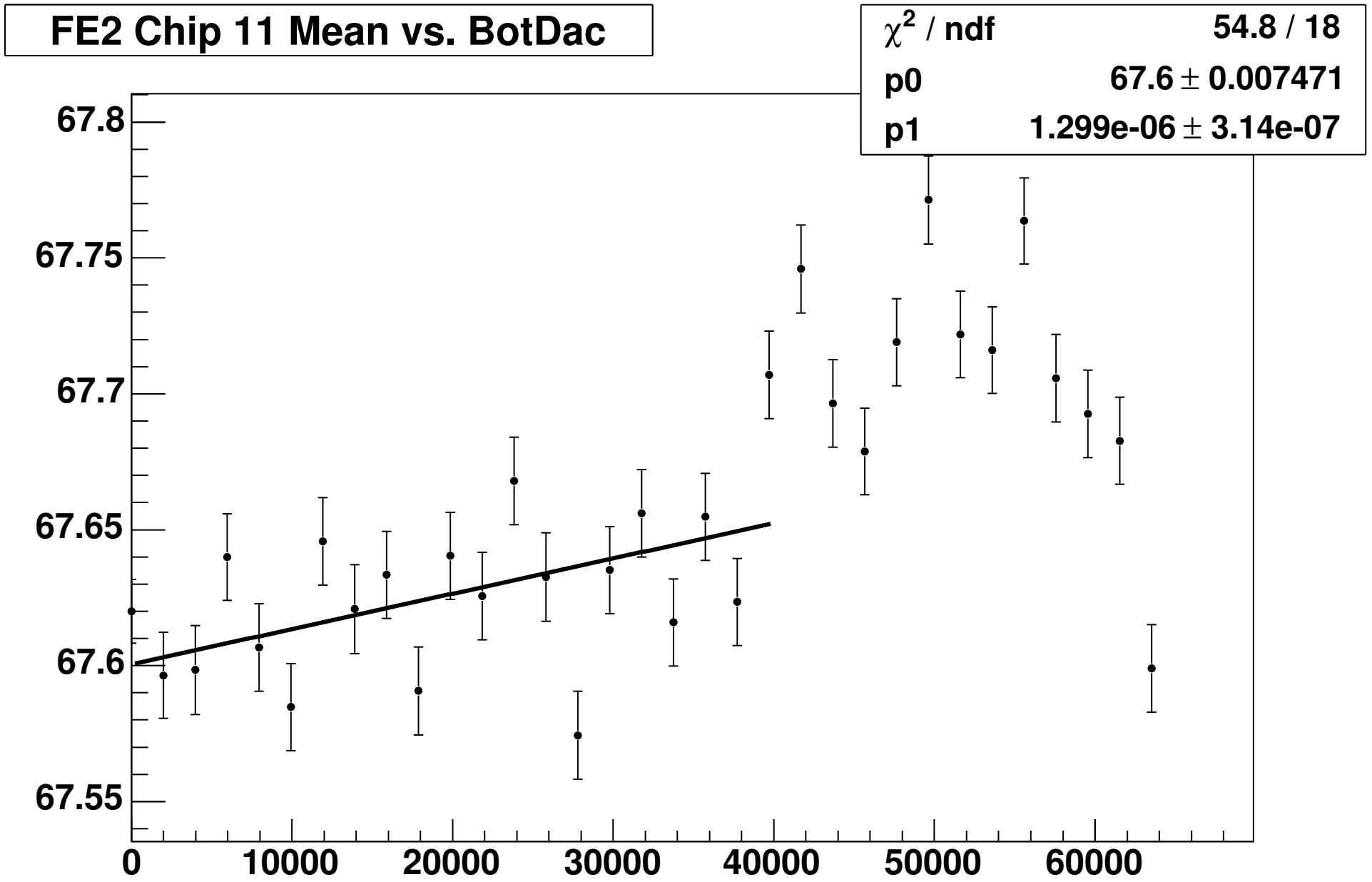
FE2 Chip 11 Mean vs. BotDac
χ² / ndf 54.8 / 18
p0 67.6 ± 0.007471
p1 1.299e-06 ± 3.14e-07
67.8
67.75
67.7
67.65
67.6
67.55
0
10000
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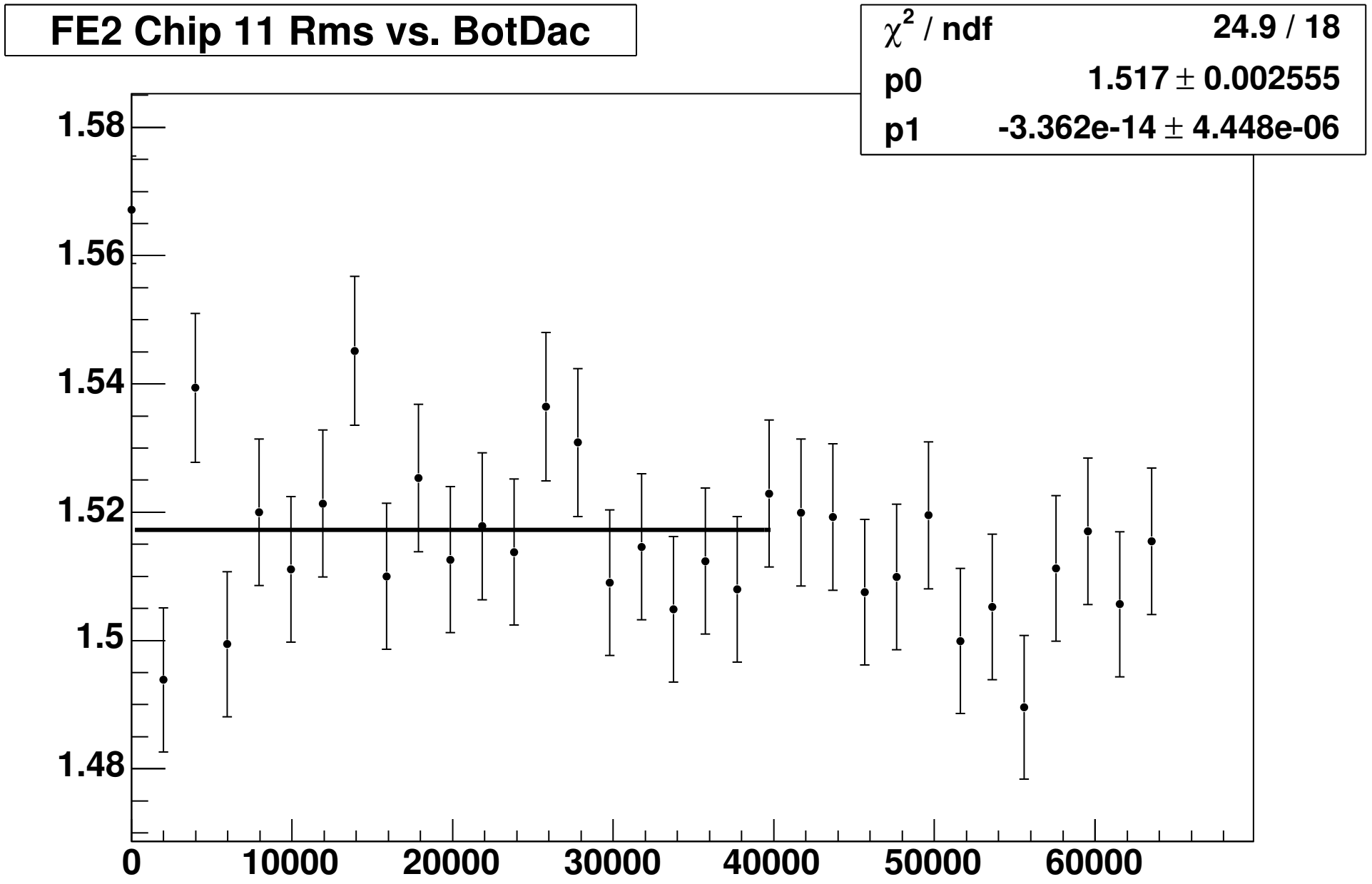
30000
40000
50000
60000


FE2 Chip 11 Rms vs. BotDac
χ² / ndf 24.9 / 18
p0 1.517 ± 0.002555
p1 -3.362e-14 ± 4.448e-06
1.58
1.56
1.54
1.52
1.5
1.48
0
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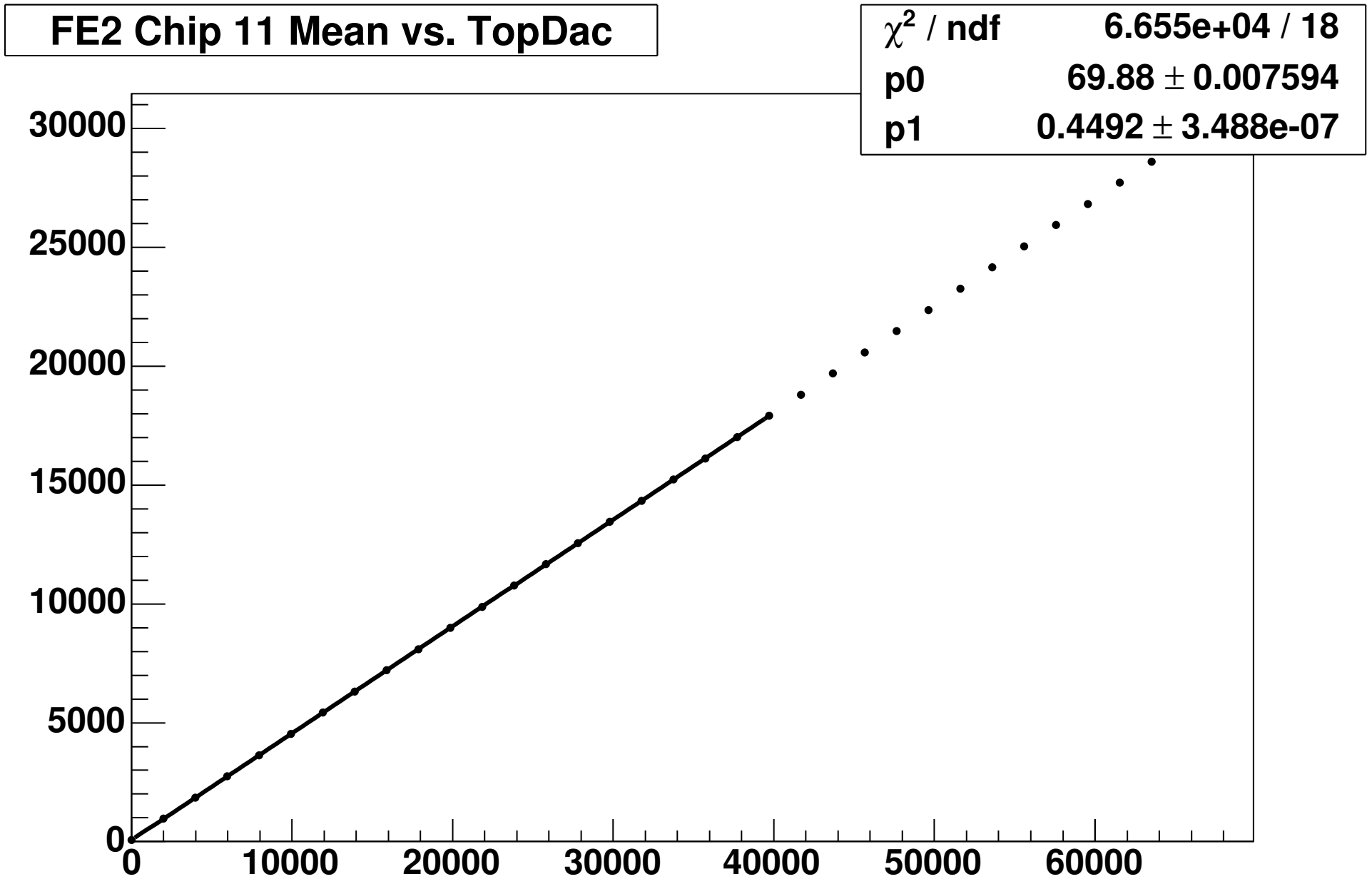
FE2 Chip 11 Mean vs. TopDac
χ² / ndf 6.655e+04 / 18
p0 69.88 ± 0.007594
p1 0.4492 ± 3.488e-07
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0
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10000
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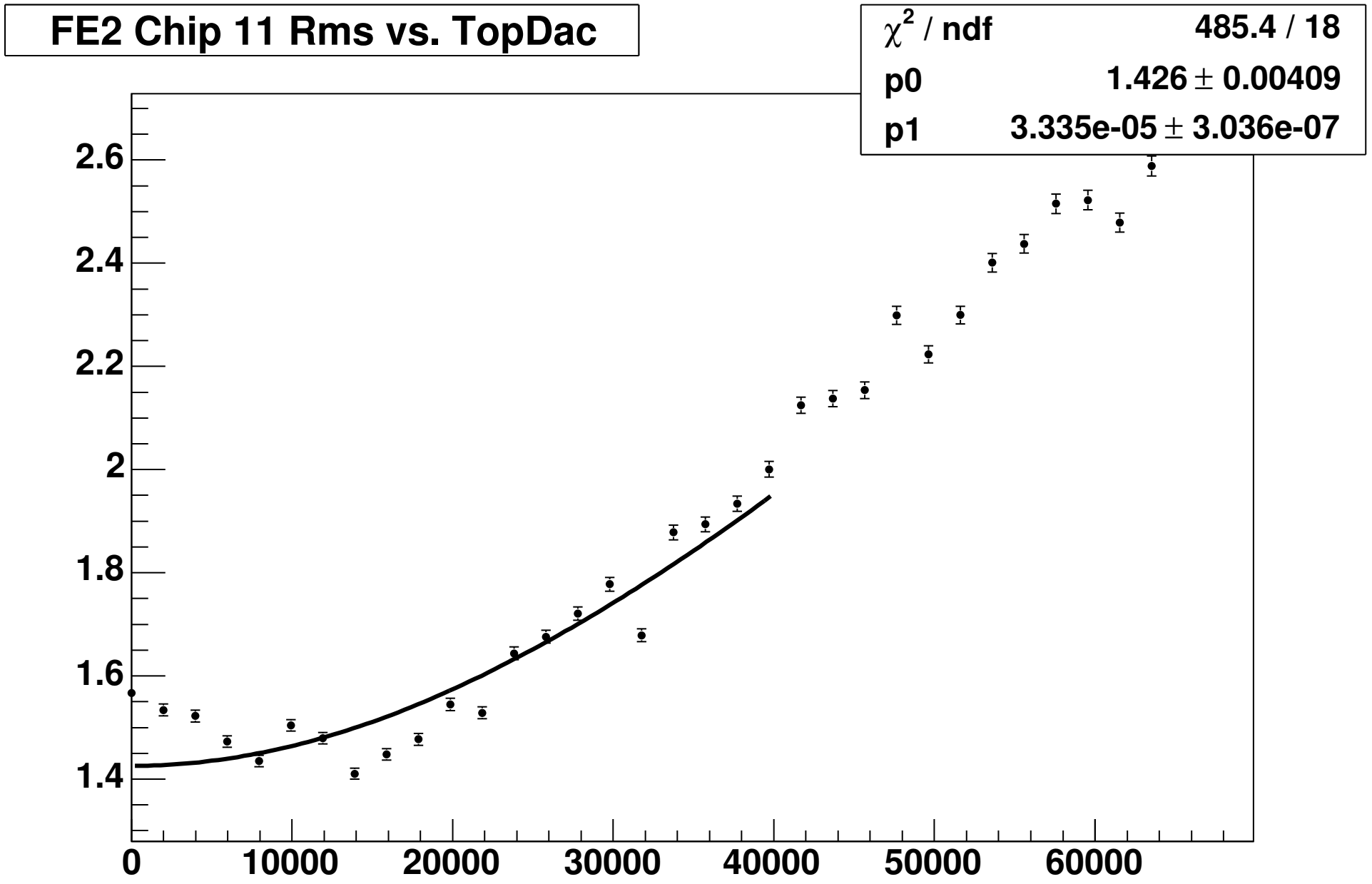
60000


FE2 Chip 11 Rms vs. TopDac
χ² / ndf 485.4 / 18
p0 1.426 ± 0.00409
p1 3.335e-05 ± 3.036e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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50000
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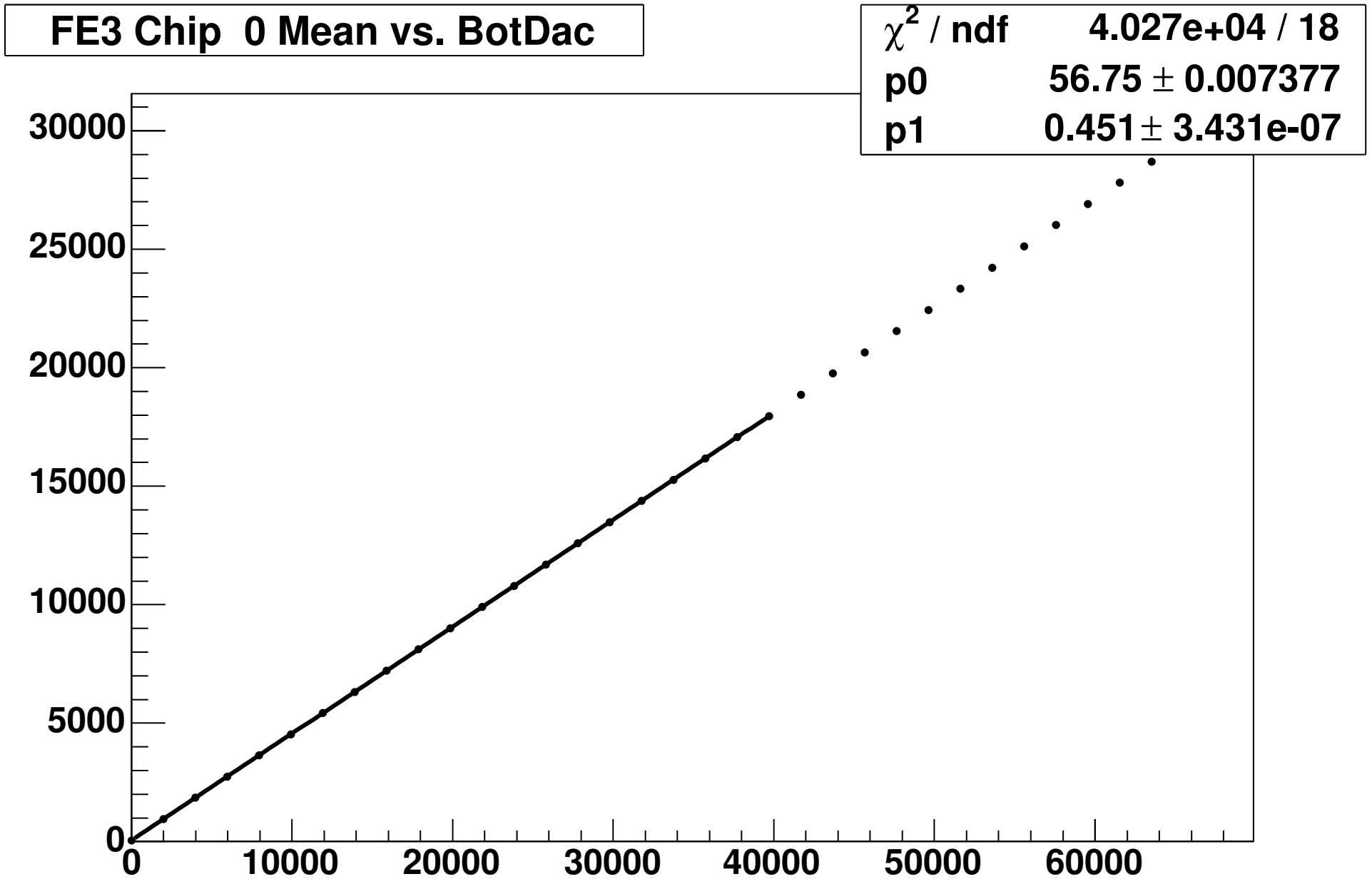
FE3 Chip 0 Mean vs. BotDac
χ² / ndf 4.027e+04 / 18
p0 56.75 ± 0.007377
p1 0.451 ± 3.431e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
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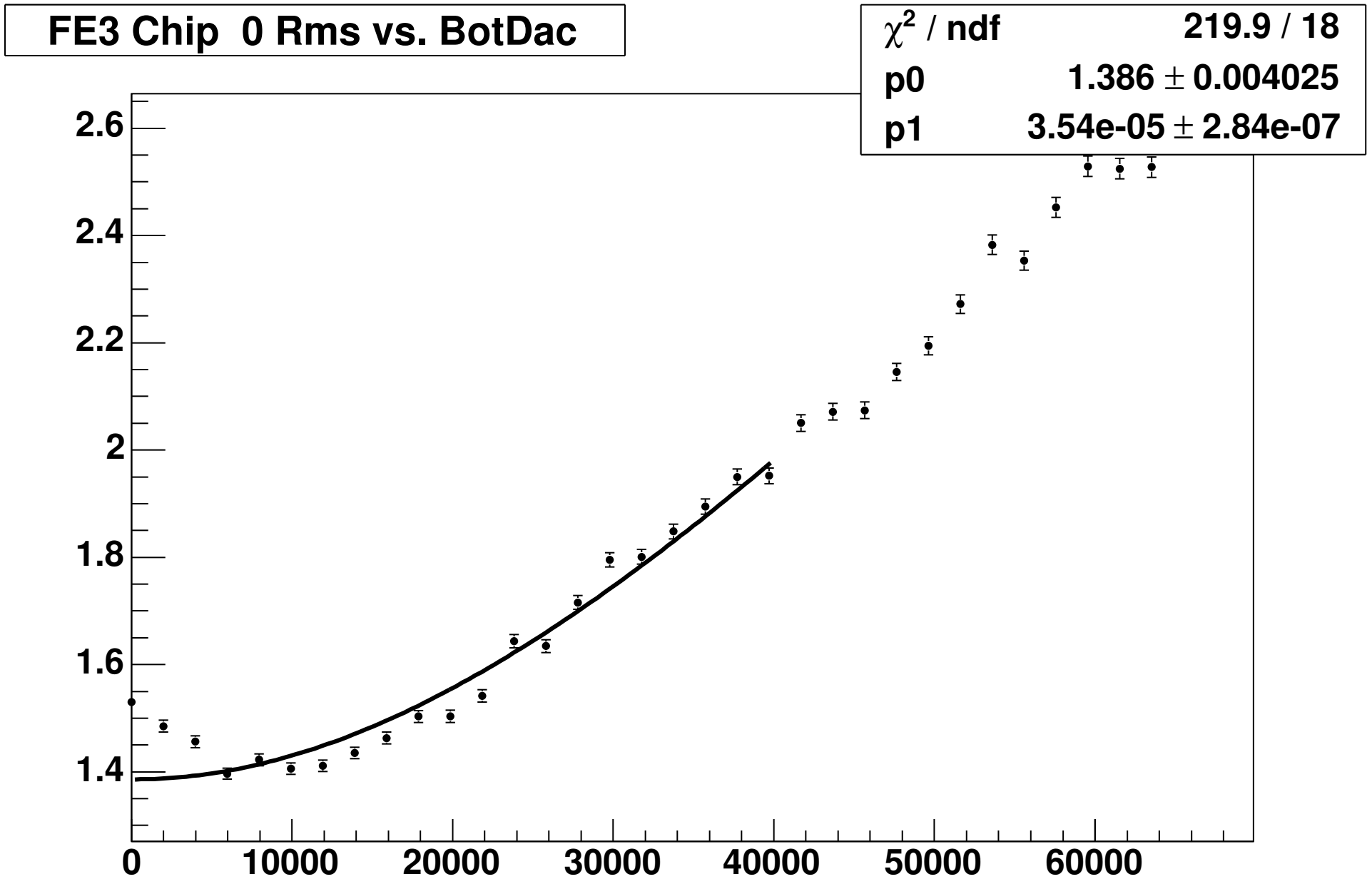
60000


FE3 Chip 0 Rms vs. BotDac
χ² / ndf 219.9 / 18
p0 1.386 ± 0.004025
p1 3.54e-05 ± 2.84e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
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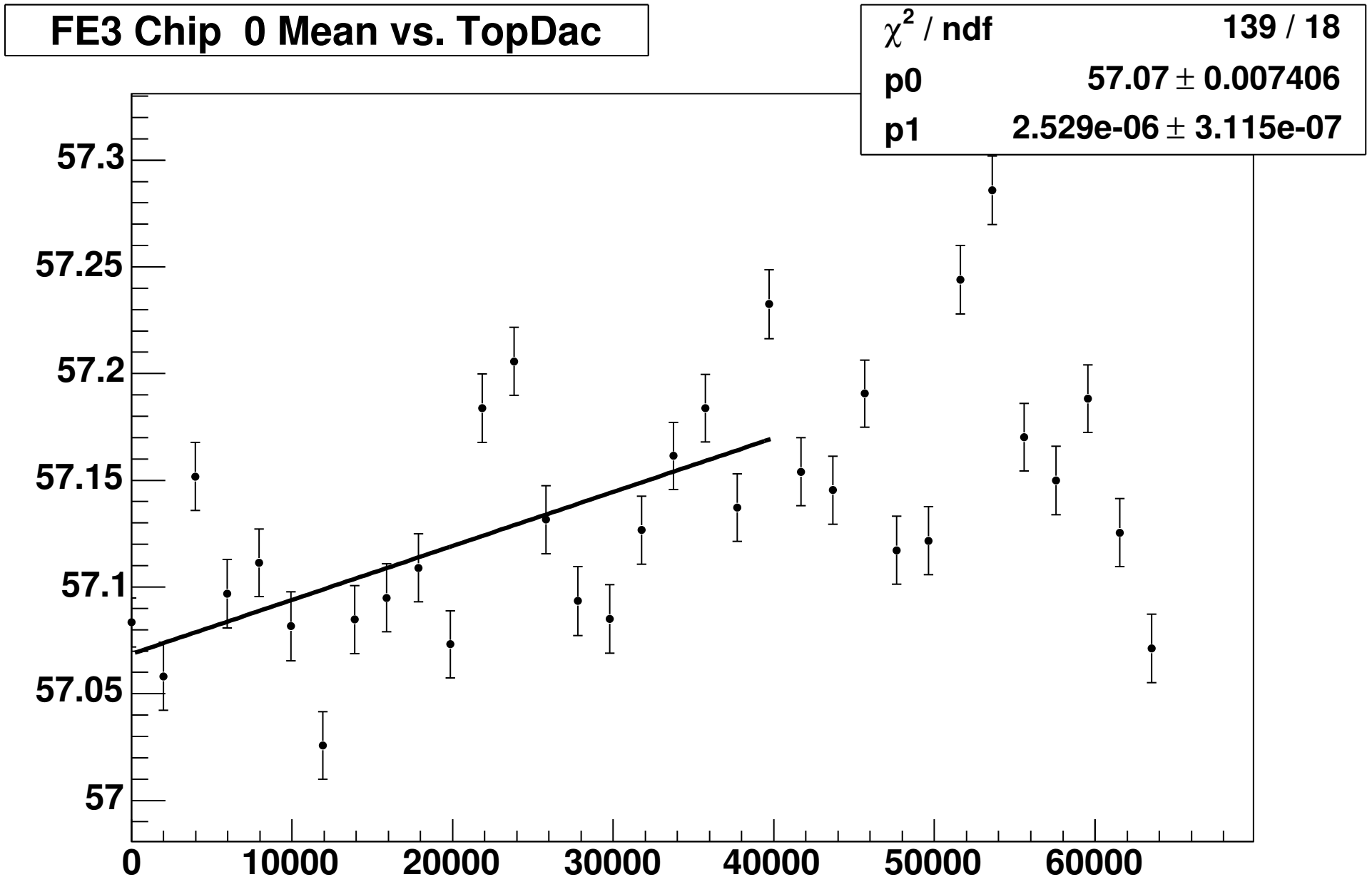
FE3 Chip 0 Mean vs. TopDac
χ² / ndf 139 / 18
p0 57.07 ± 0.007406
p1 2.529e-06 ± 3.115e-07
57.3
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57.2
57.15
57.1
57.05
57
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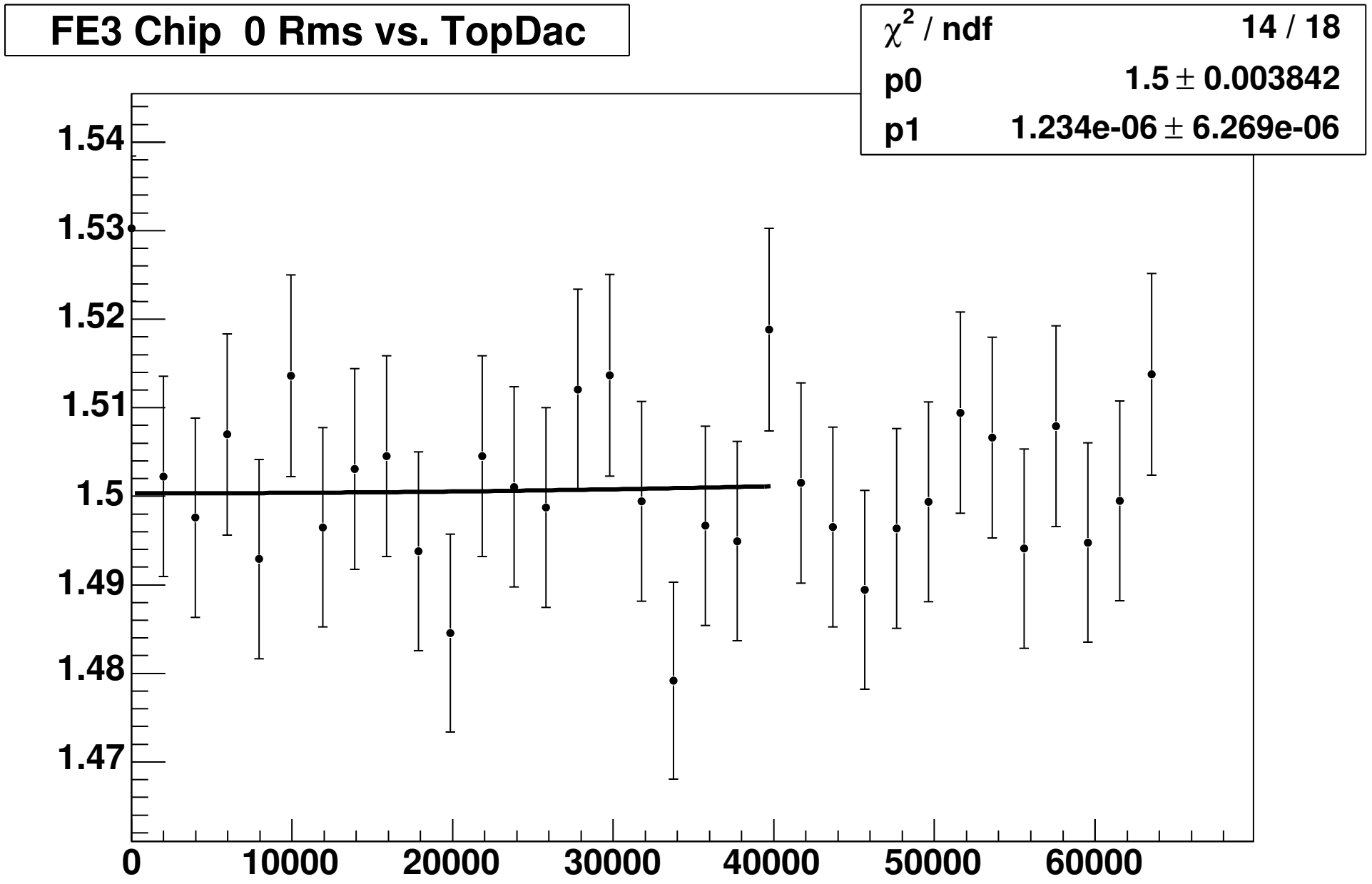
60000


FE3 Chip 0 Rms vs. TopDac
χ² / ndf 14 / 18
p0 1.5 ± 0.003842
p1 1.234e-06 ± 6.269e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
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10000
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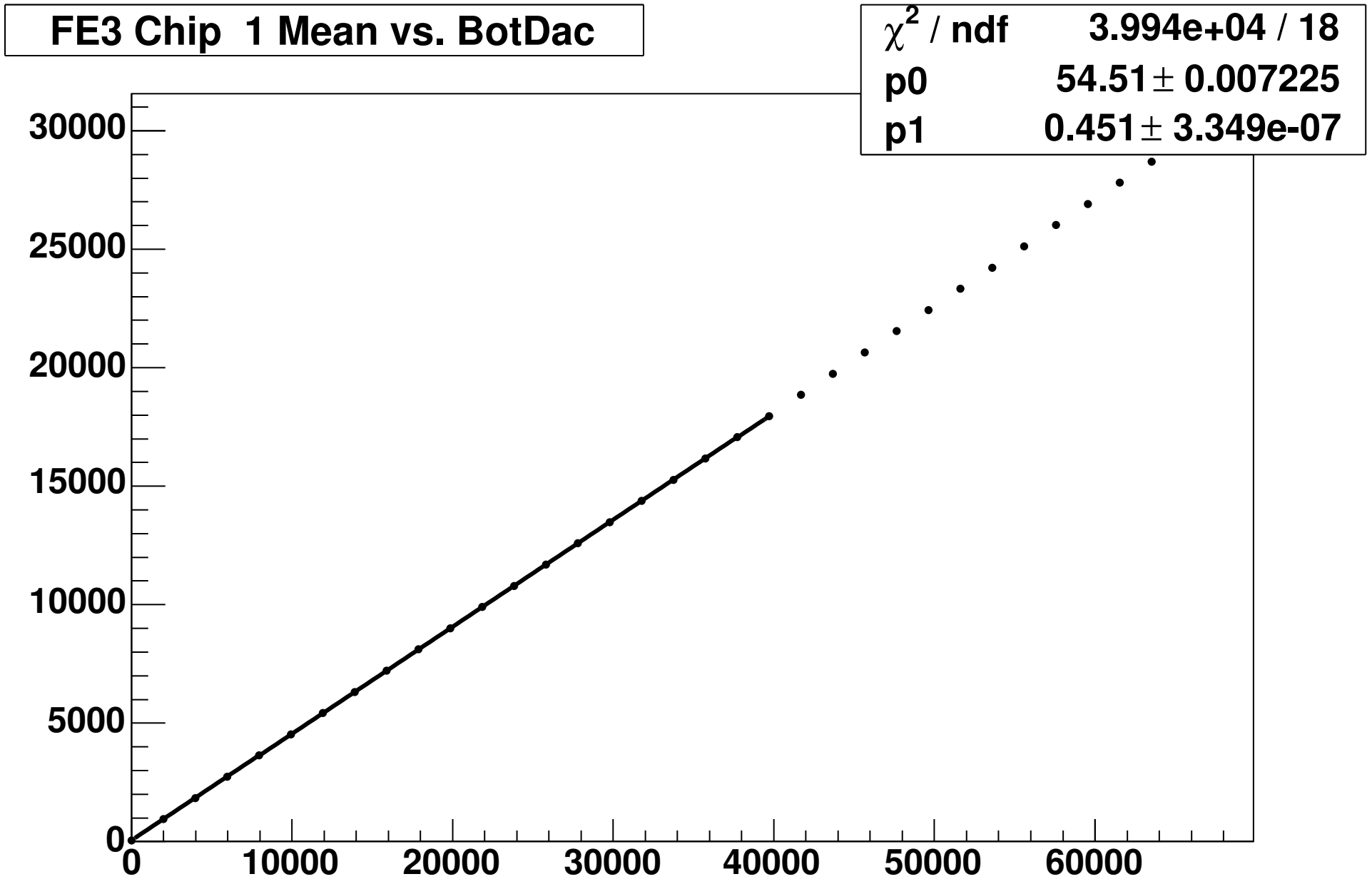
FE3 Chip 1 Mean vs. BotDac
χ² / ndf 3.994e+04 / 18
p0 54.51 ± 0.007225
p1 0.451 ± 3.349e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
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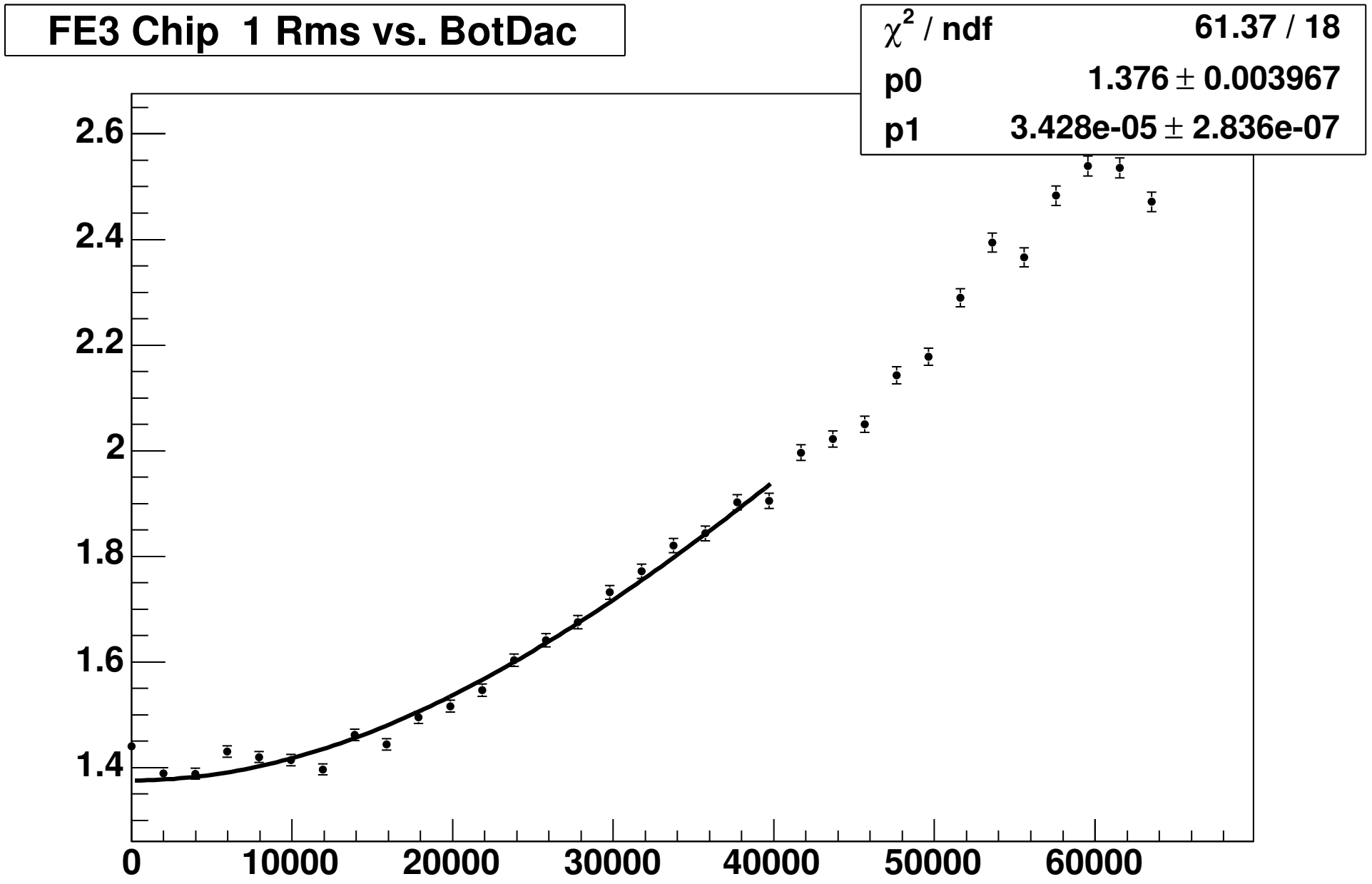
60000


FE3 Chip 1 Rms vs. BotDac
χ² / ndf 61.37 / 18
p0 1.376 ± 0.003967
p1 3.428e-05 ± 2.836e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
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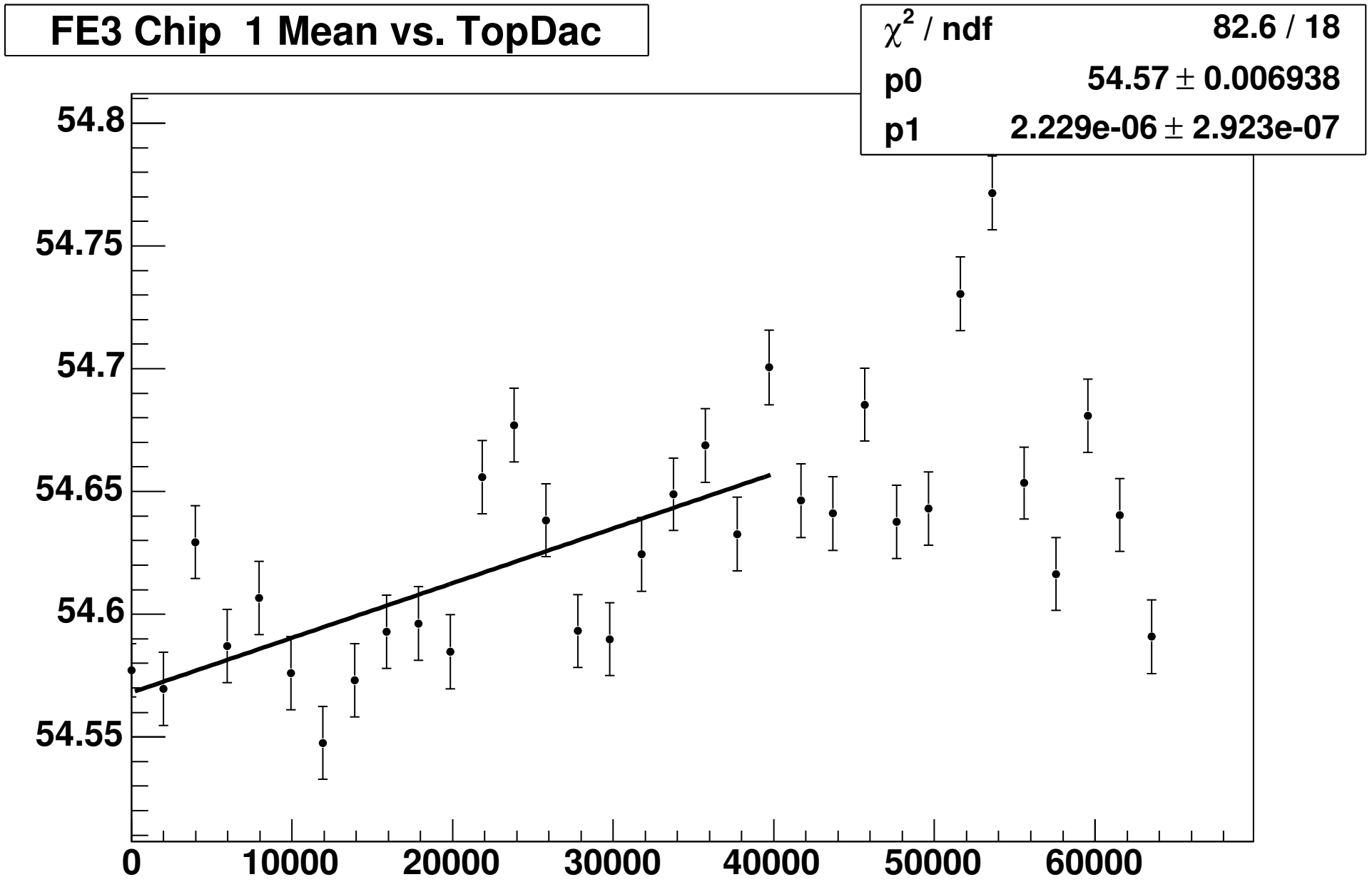
FE3 Chip 1 Mean vs. TopDac
χ² / ndf 82.6 / 18
p0 54.57 ± 0.006938
p1 2.229e-06 ± 2.923e-07
54.8
54.75
54.7
54.65
54.6
54.55
0
10000
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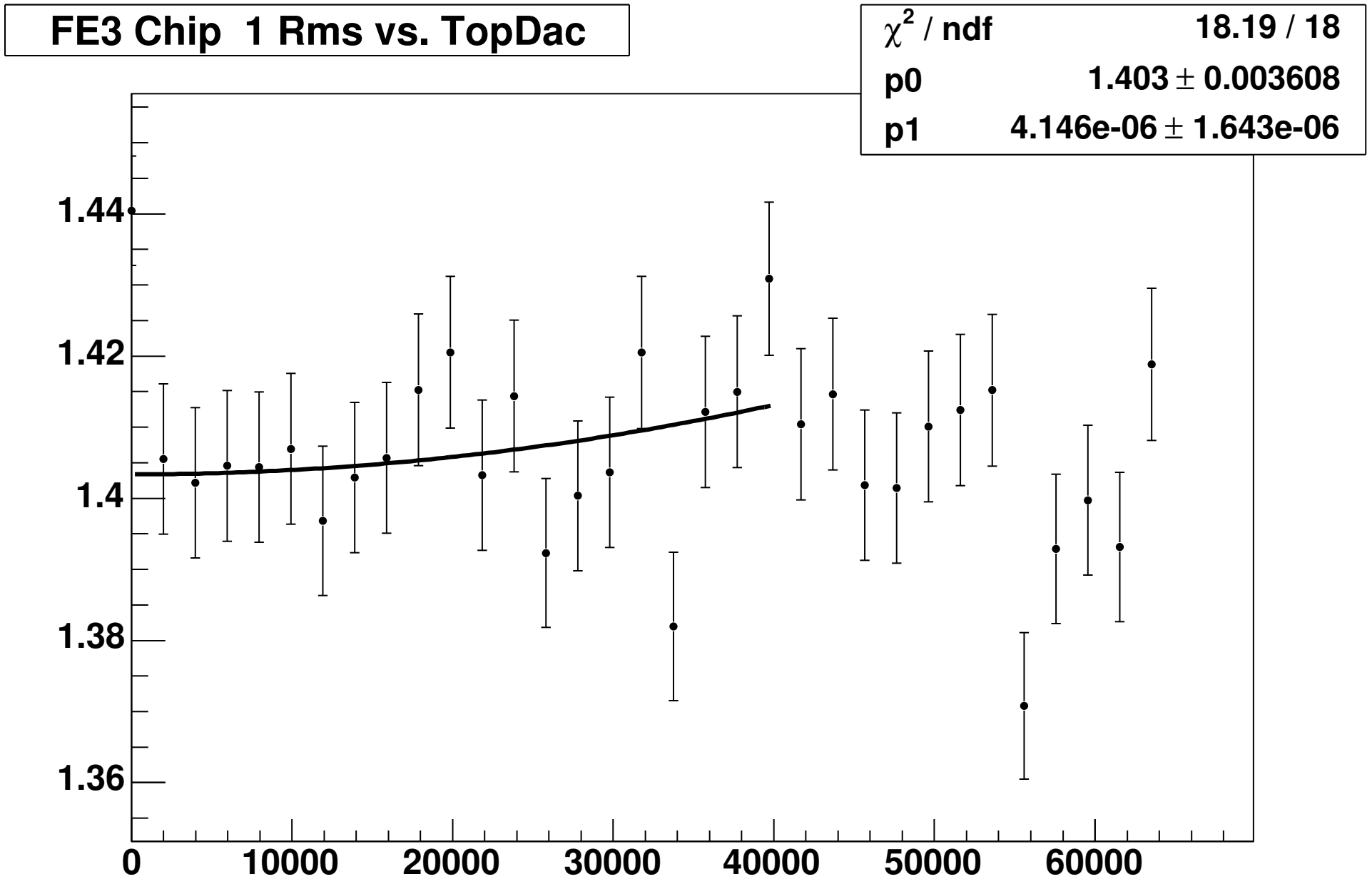
FE3 Chip 1 Rms vs. TopDac
χ² / ndf 18.19 / 18
p0 1.403 ± 0.003608
p1 4.146e-06 ± 1.643e-06
1.44
1.42
1.4
1.38
1.36
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20000
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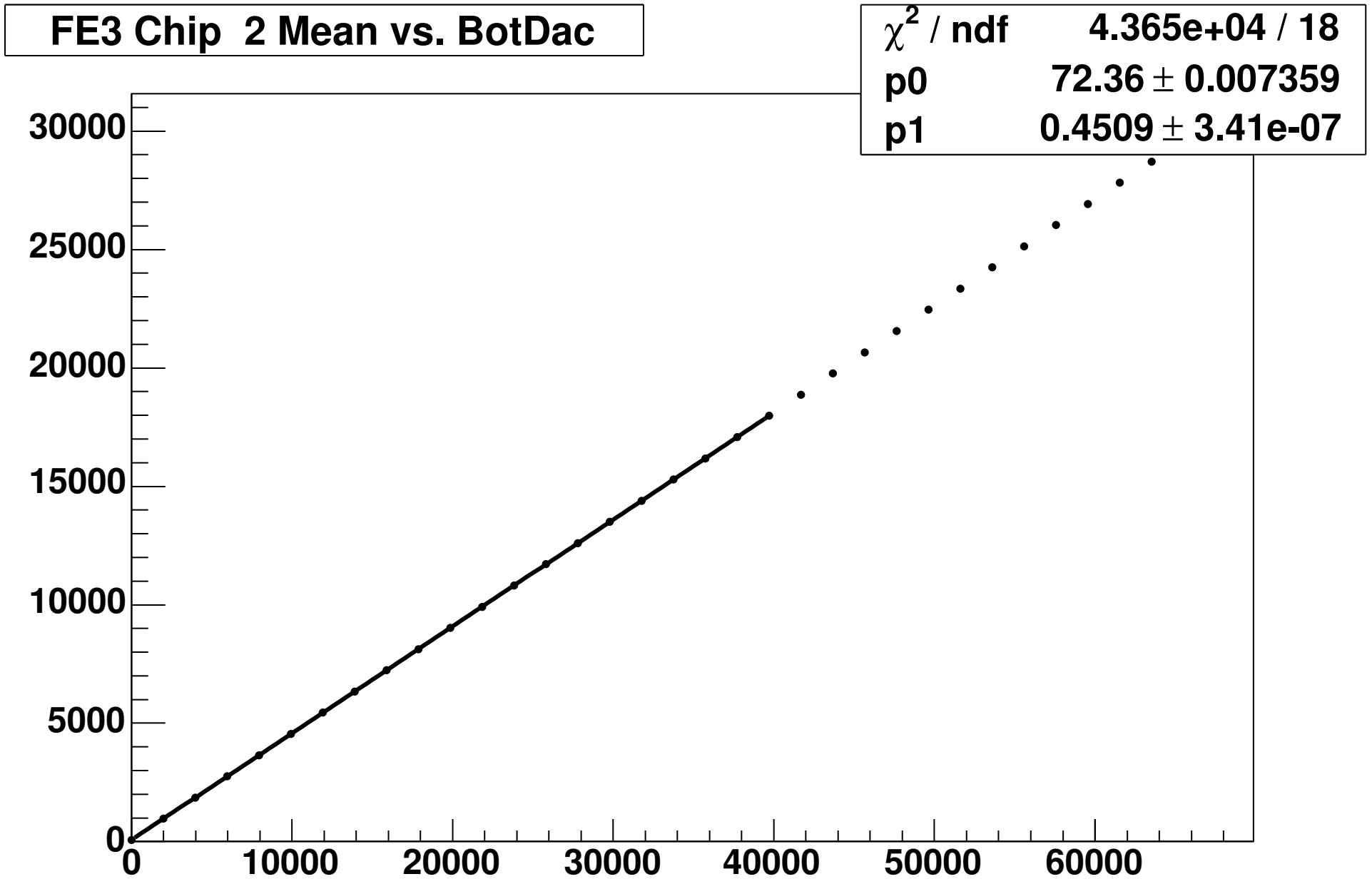
FE3 Chip 2 Mean vs. BotDac
χ² / ndf 4.365e+04 / 18
p0 72.36 ± 0.007359
p1 0.4509 ± 3.41e-07
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25000
20000
15000
10000
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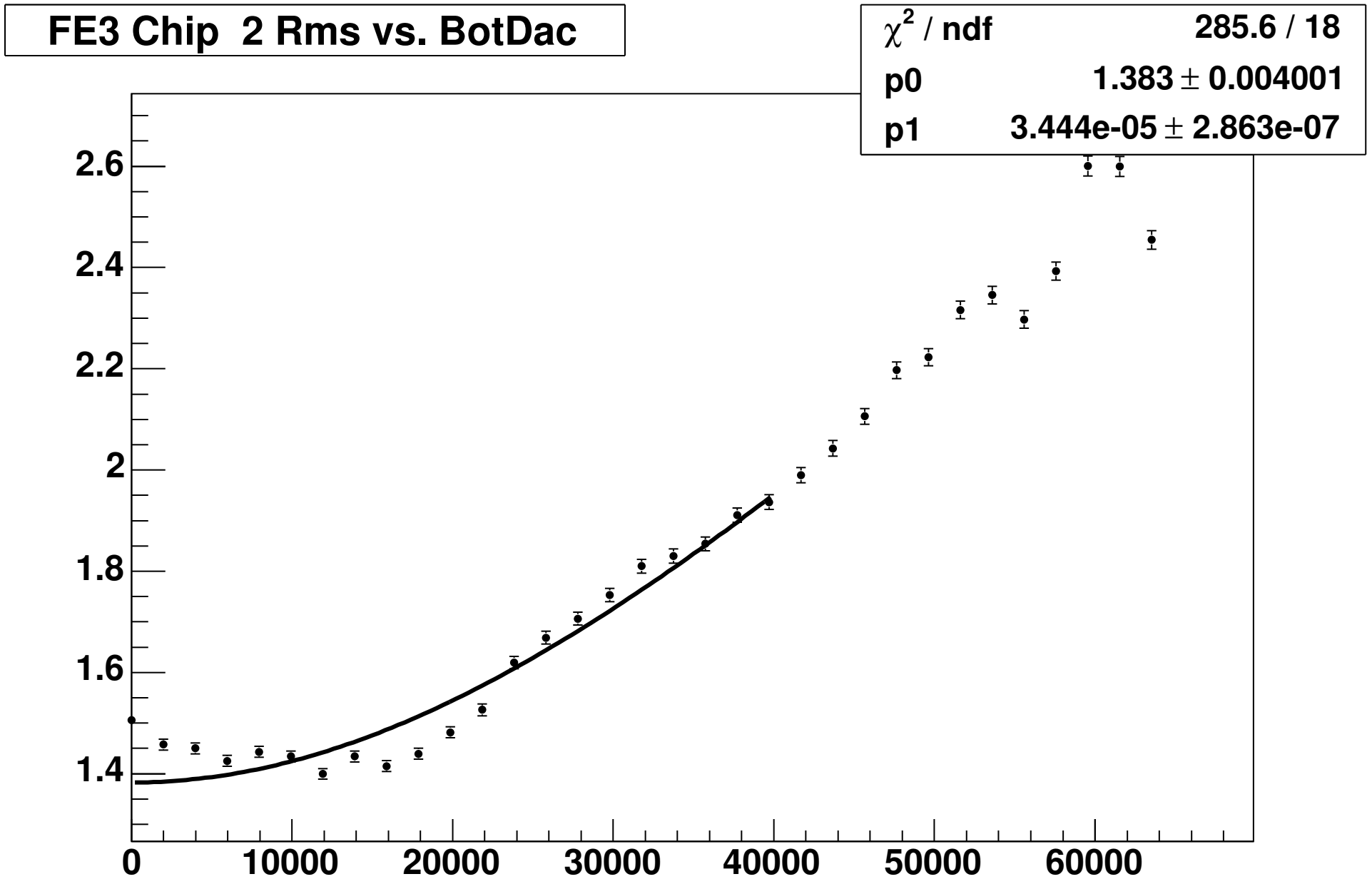
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 2 Rms vs. BotDac
χ² / ndf 285.6 / 18
p0 1.383 ± 0.004001
p1 3.444e-05 ± 2.863e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
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50000
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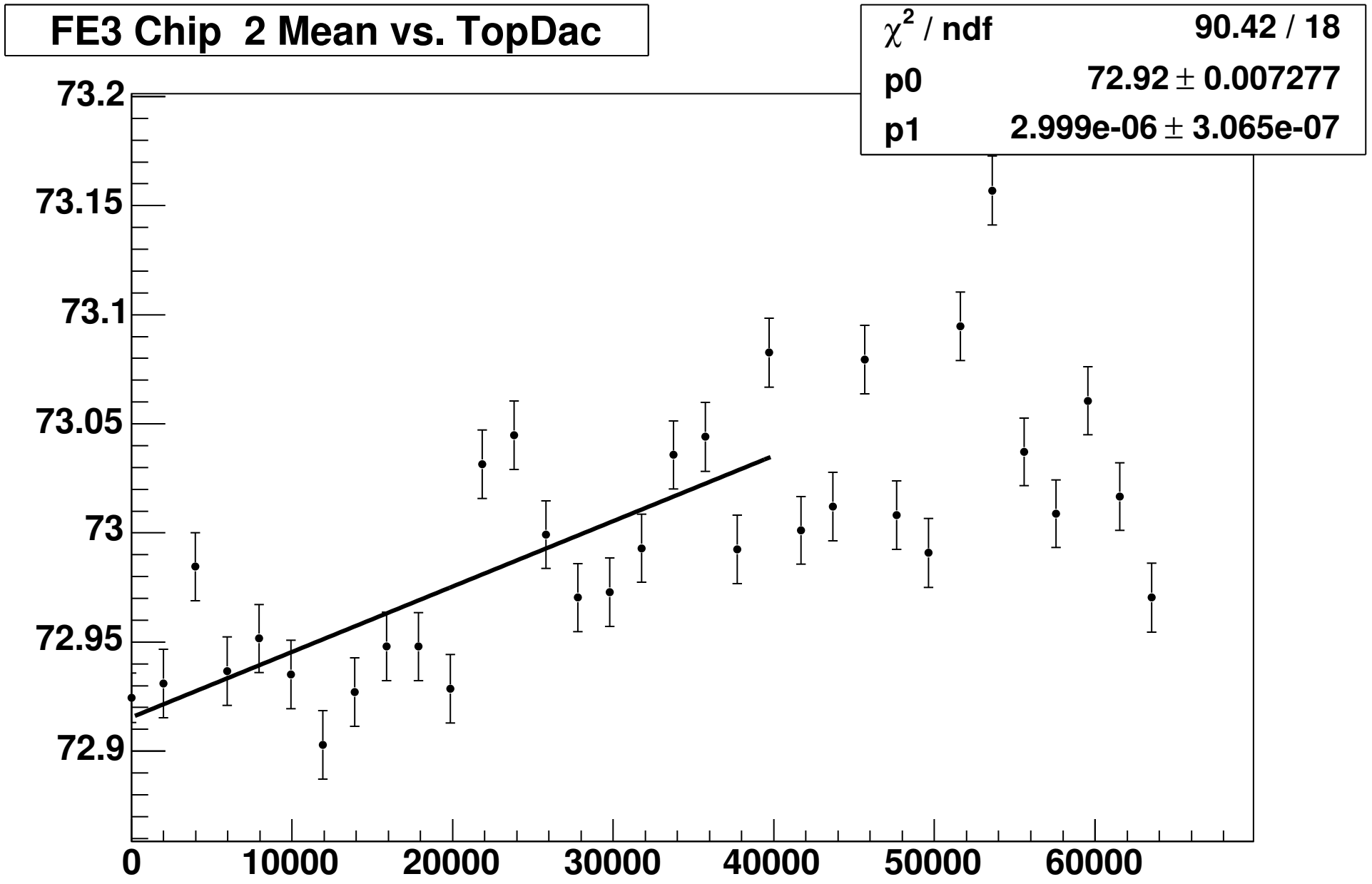
FE3 Chip 2 Mean vs. TopDac
χ^2 / ndf 90.42 / 18
p0 72.92 ± 0.007277
p1 2.999e-06 ± 3.065e-07
73.2
73.15
73.1
73.05
73
72.95
72.9
0
10000
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30000
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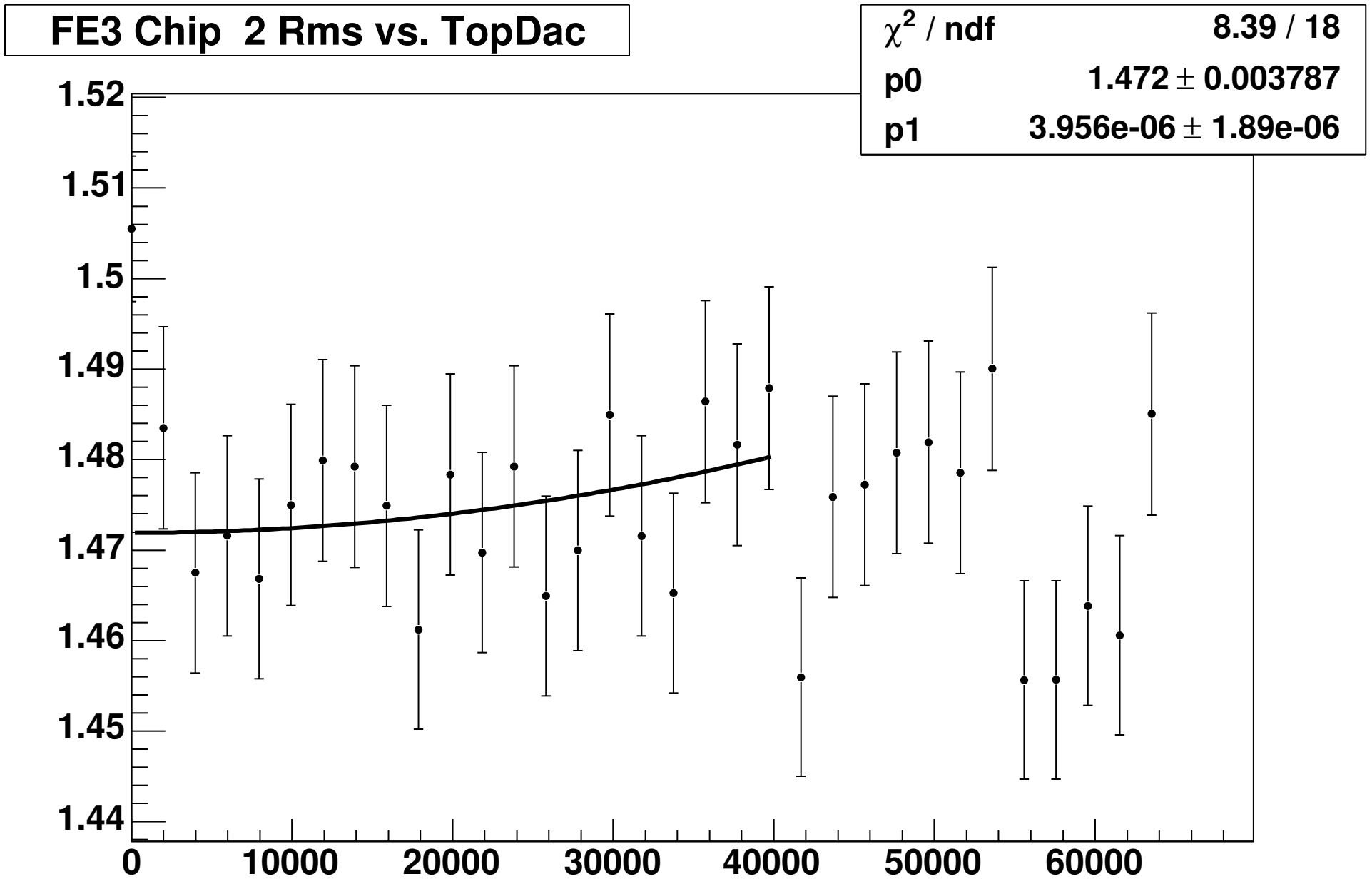
50000
60000


FE3 Chip 2 Rms vs. TopDac
χ² / ndf 8.39 / 18
p0 1.472 ± 0.003787
p1 3.956e-06 ± 1.89e-06
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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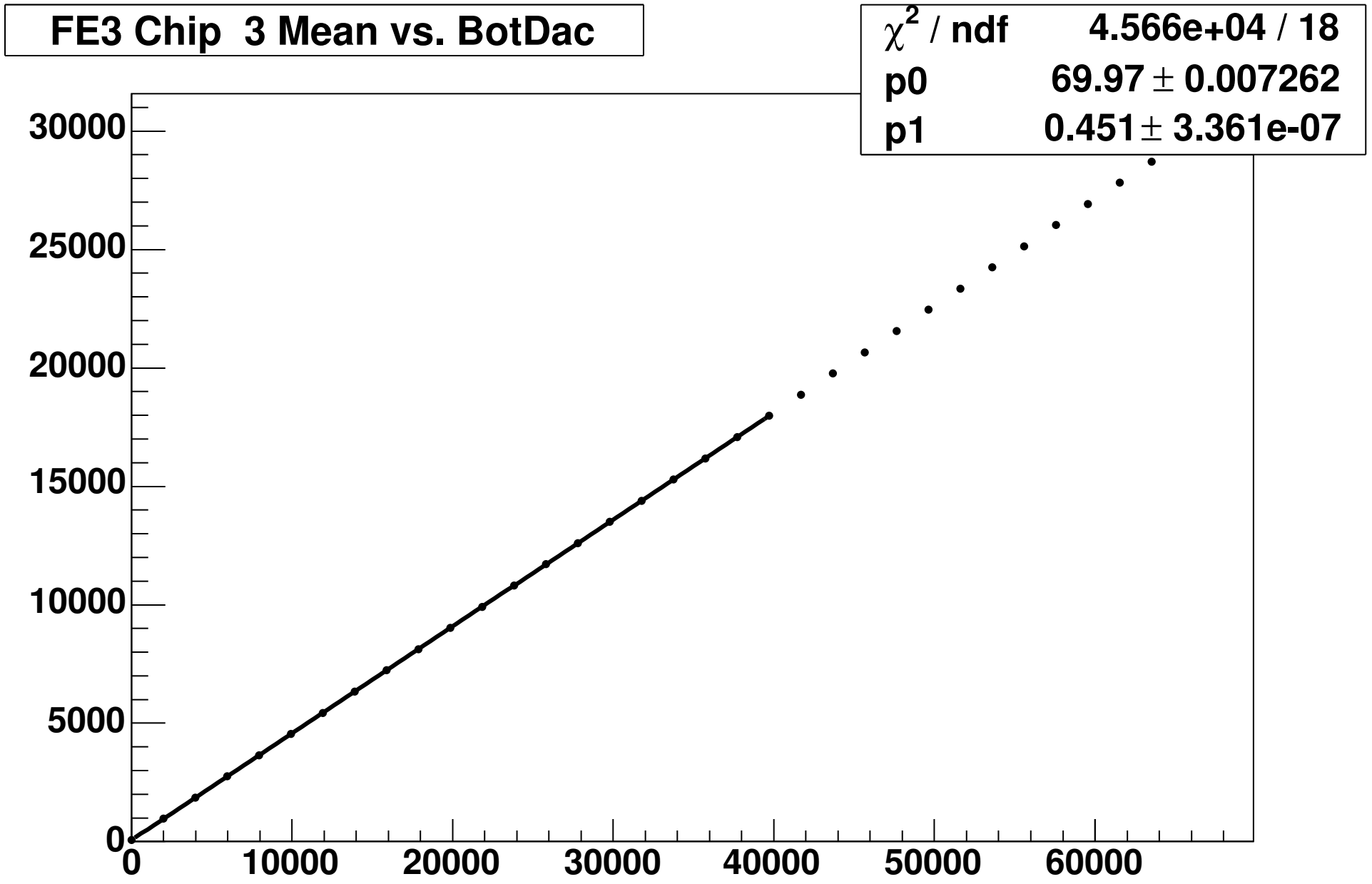
60000


FE3 Chip 3 Mean vs. BotDac
χ² / ndf 4.566e+04 / 18
p0 69.97 ± 0.007262
p1 0.451 ± 3.361e-07
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20000
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5000
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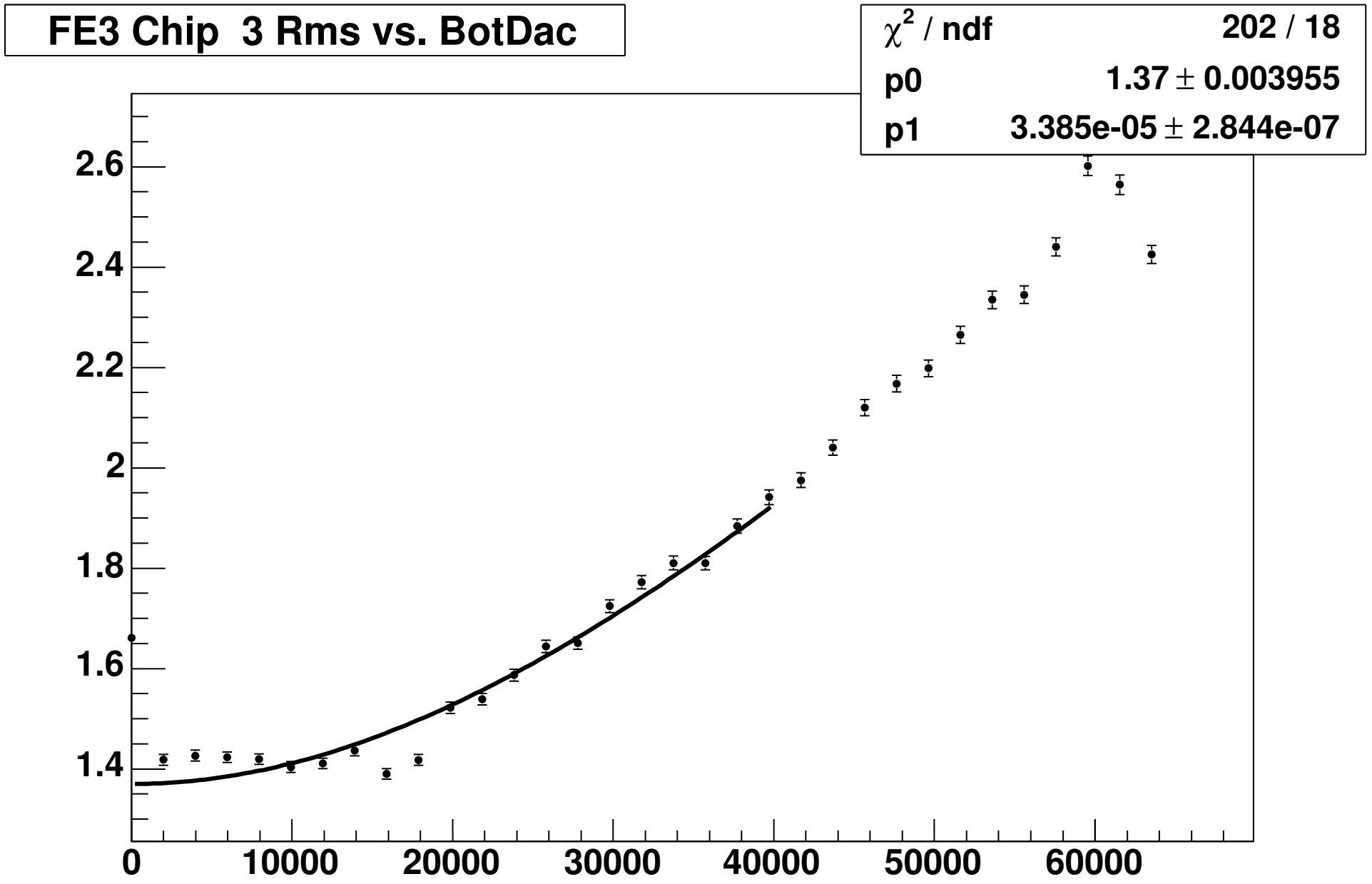
0
10000
20000
30000
40000
50000
60000


FE3 Chip 3 Rms vs. BotDac
χ² / ndf 202 / 18
p0 1.37 ± 0.003955
p1 3.385e-05 ± 2.844e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
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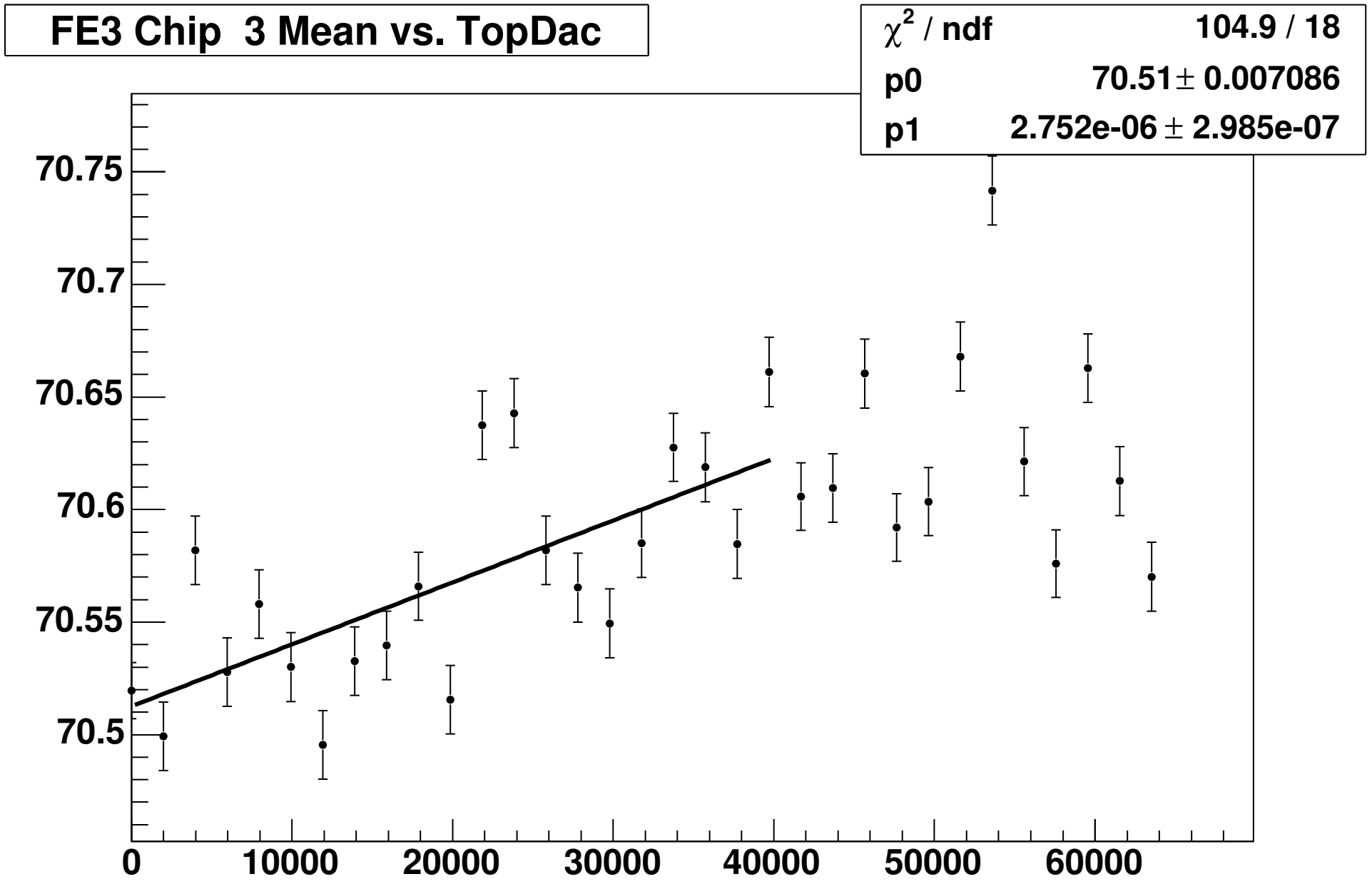
FE3 Chip 3 Mean vs. TopDac
χ^2 / ndf 104.9 / 18
p0 70.51 ± 0.007086
p1 2.752e-06 ± 2.985e-07
70.75
70.7
70.65
70.6
70.55
70.5
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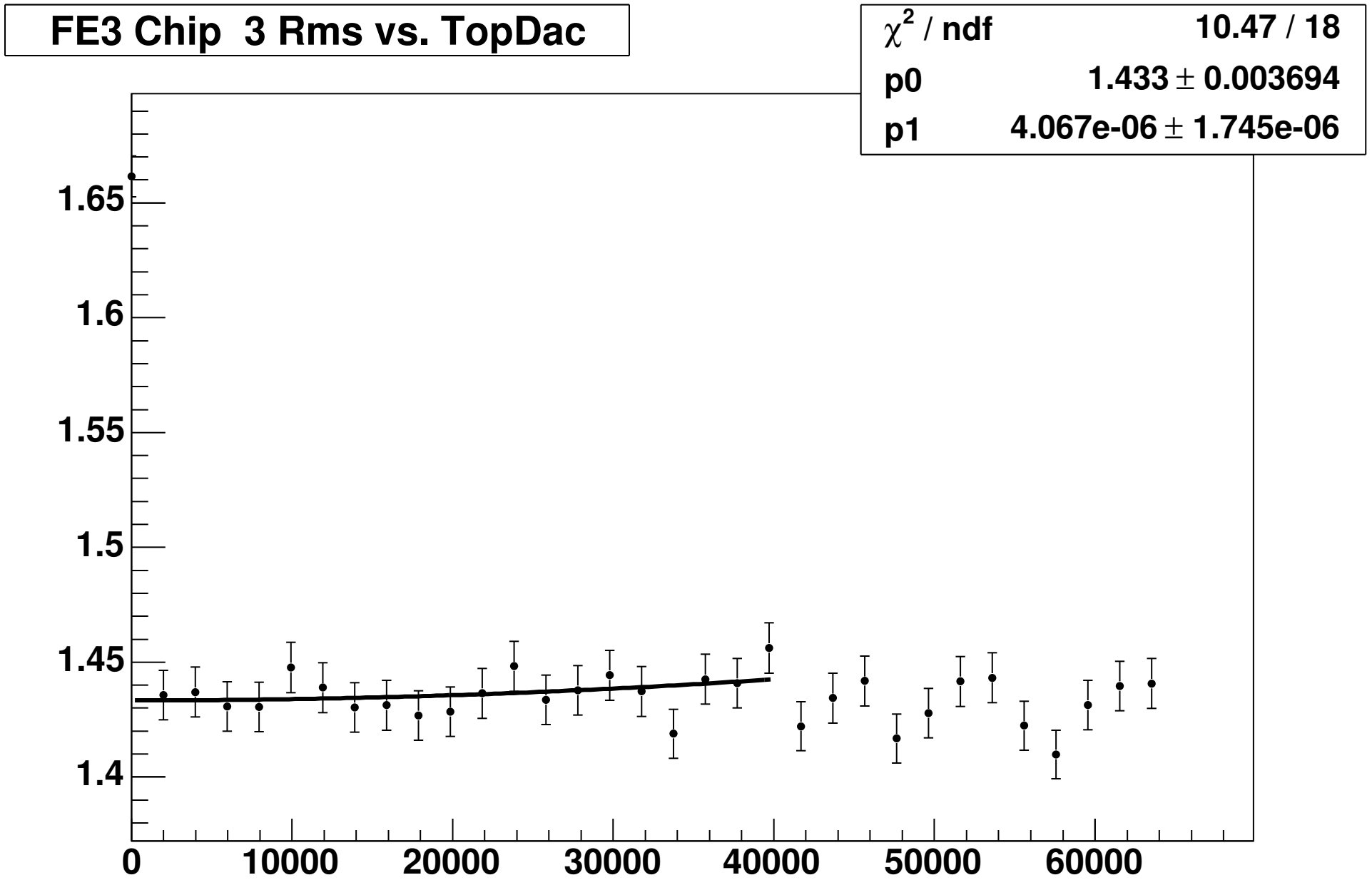
FE3 Chip 3 Rms vs. TopDac
χ² / ndf 10.47 / 18
p0 1.433 ± 0.003694
p1 4.067e-06 ± 1.745e-06
1.65
1.6
1.55
1.5
1.45
1.4
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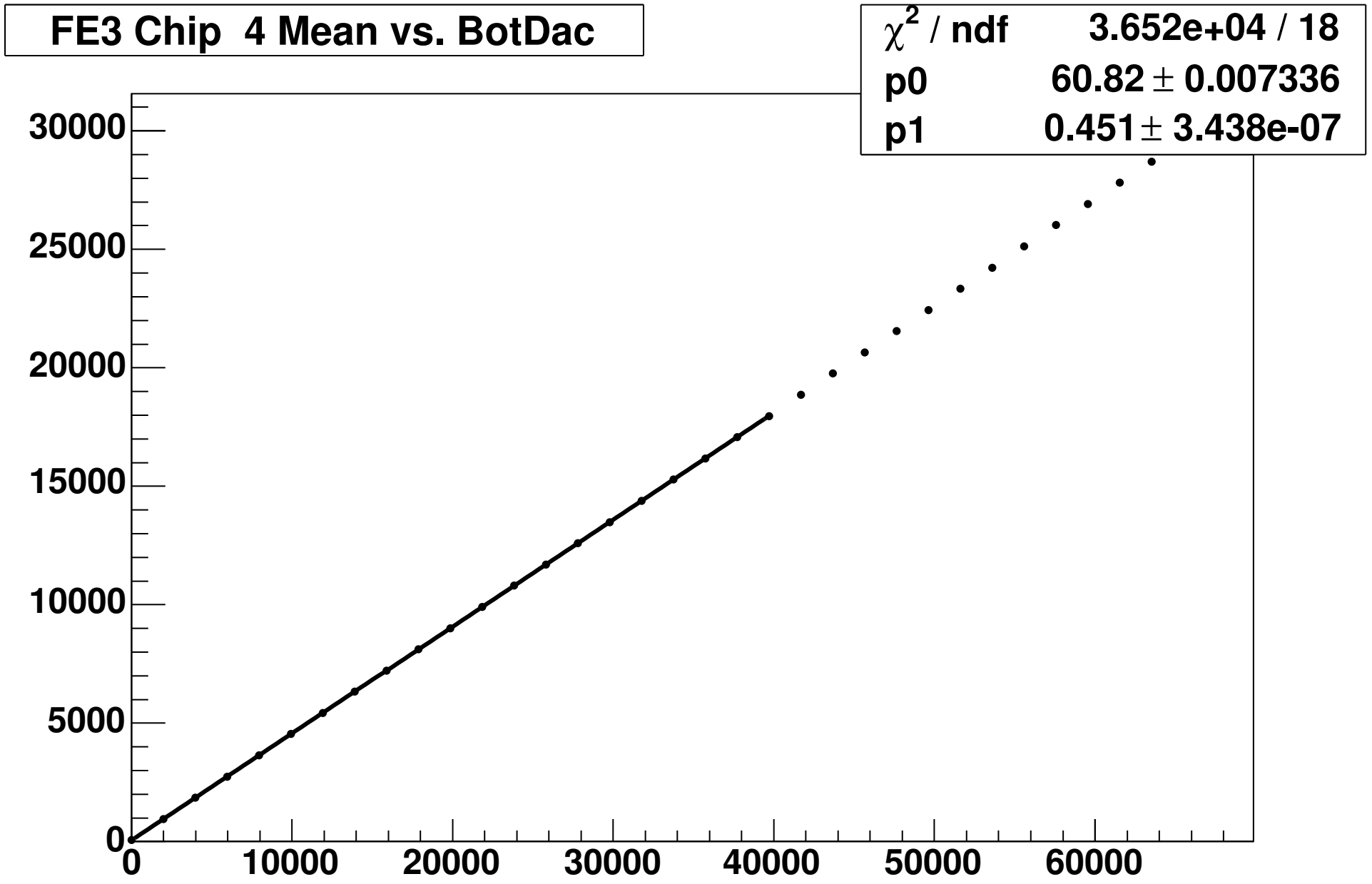
FE3 Chip 4 Mean vs. BotDac
χ² / ndf 3.652e+04 / 18
p0 60.82 ± 0.007336
p1 0.451 ± 3.438e-07
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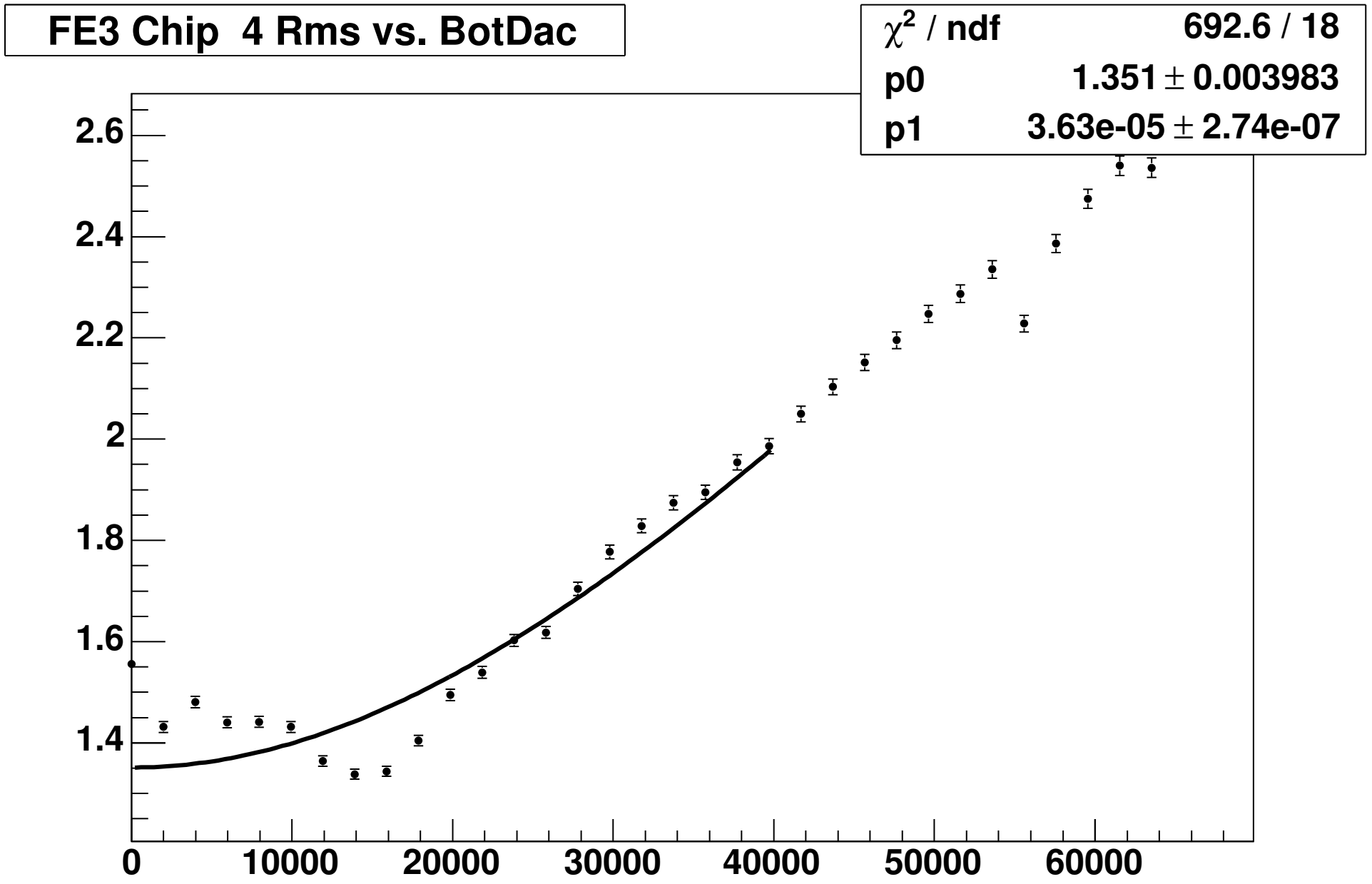
FE3 Chip 4 Rms vs. BotDac
χ² / ndf 692.6 / 18
p0 1.351 ± 0.003983
p1 3.63e-05 ± 2.74e-07
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2.4
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1.8
1.6
1.4
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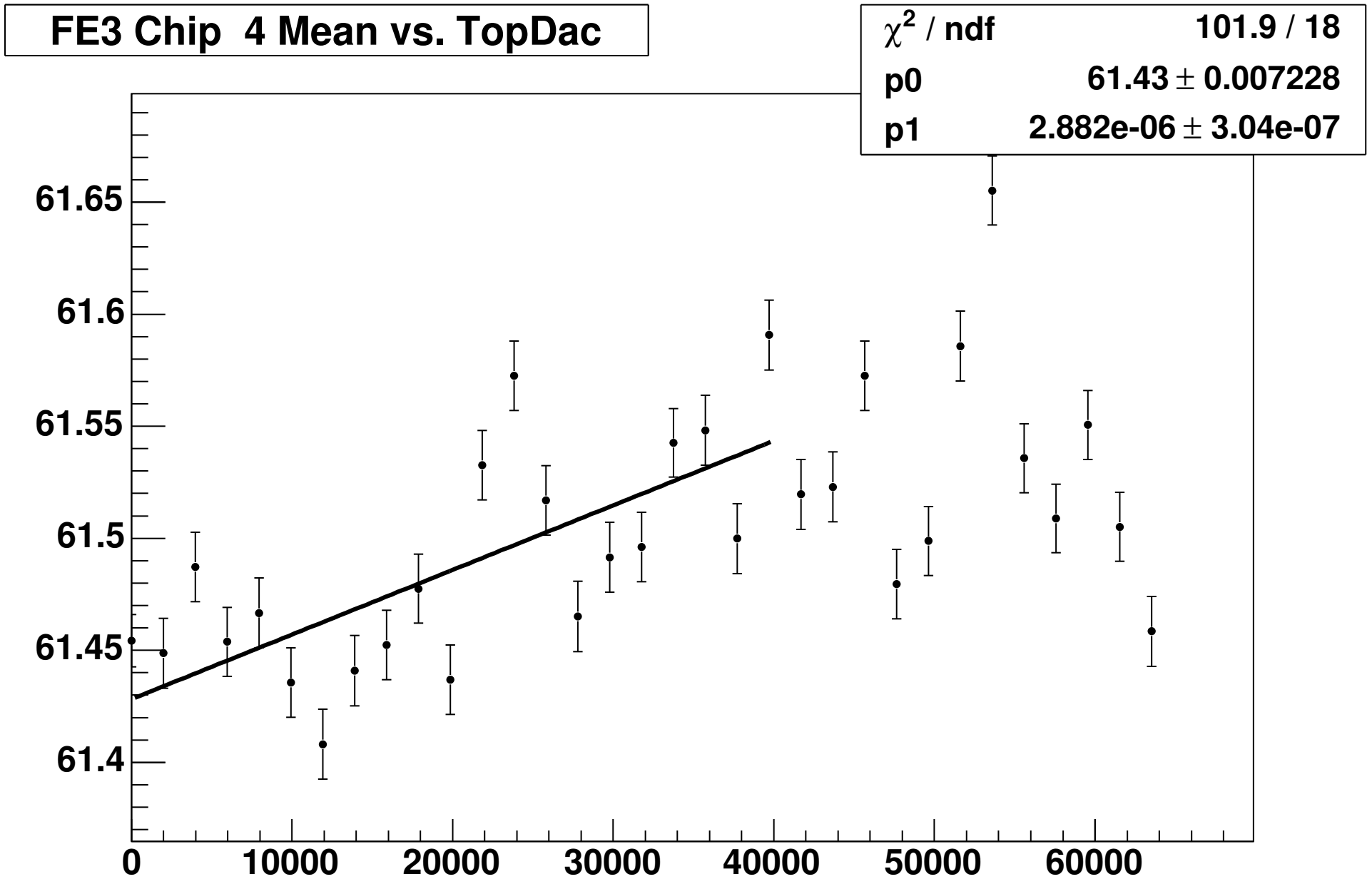
FE3 Chip 4 Mean vs. TopDac
χ² / ndf 101.9 / 18
p0 61.43 ± 0.007228
p1 2.882e-06 ± 3.04e-07
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61.5
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61.4
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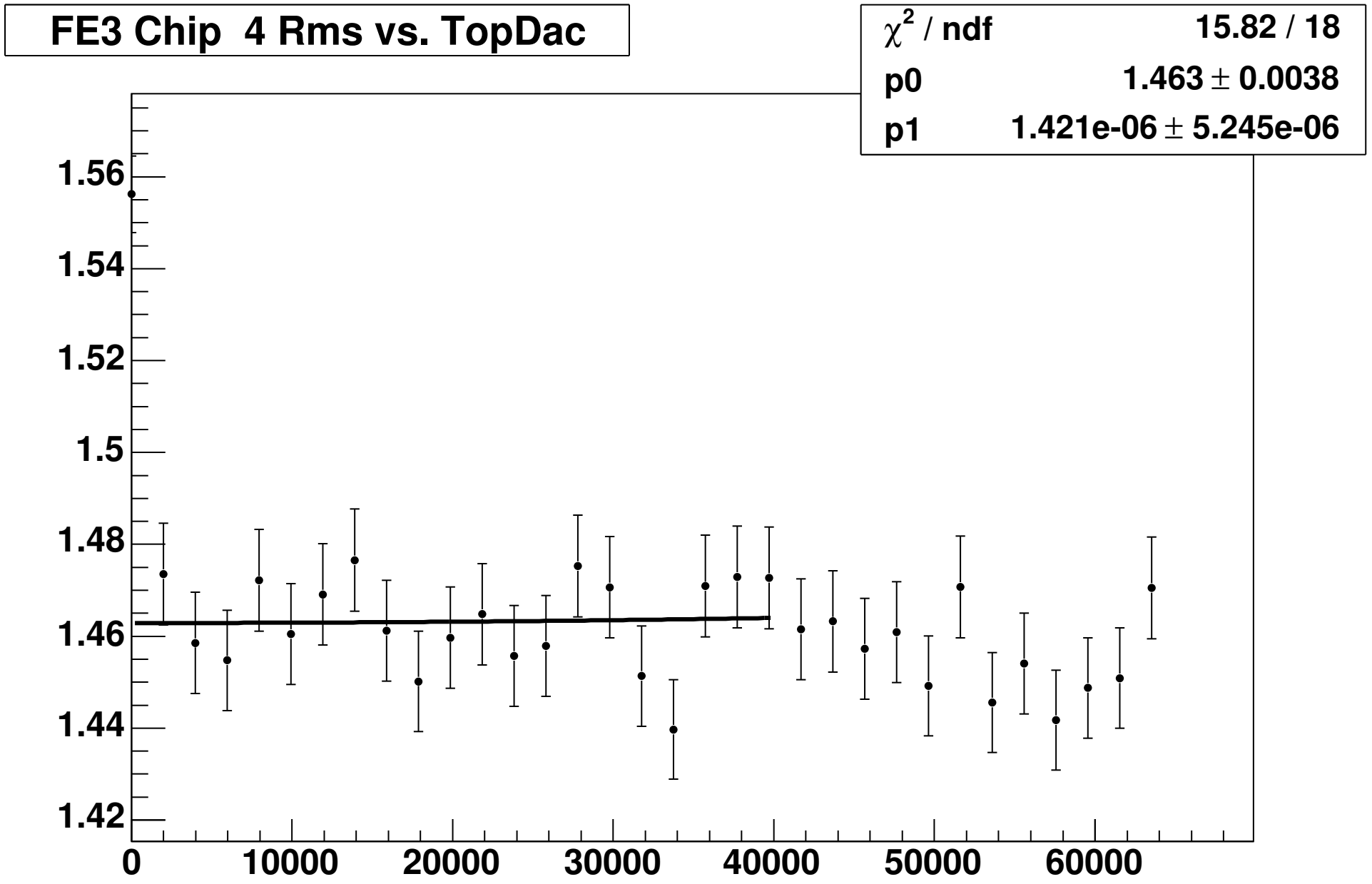
FE3 Chip 4 Rms vs. TopDac
χ² / ndf 15.82 / 18
p0 1.463 ± 0.0038
p1 1.421e-06 ± 5.245e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
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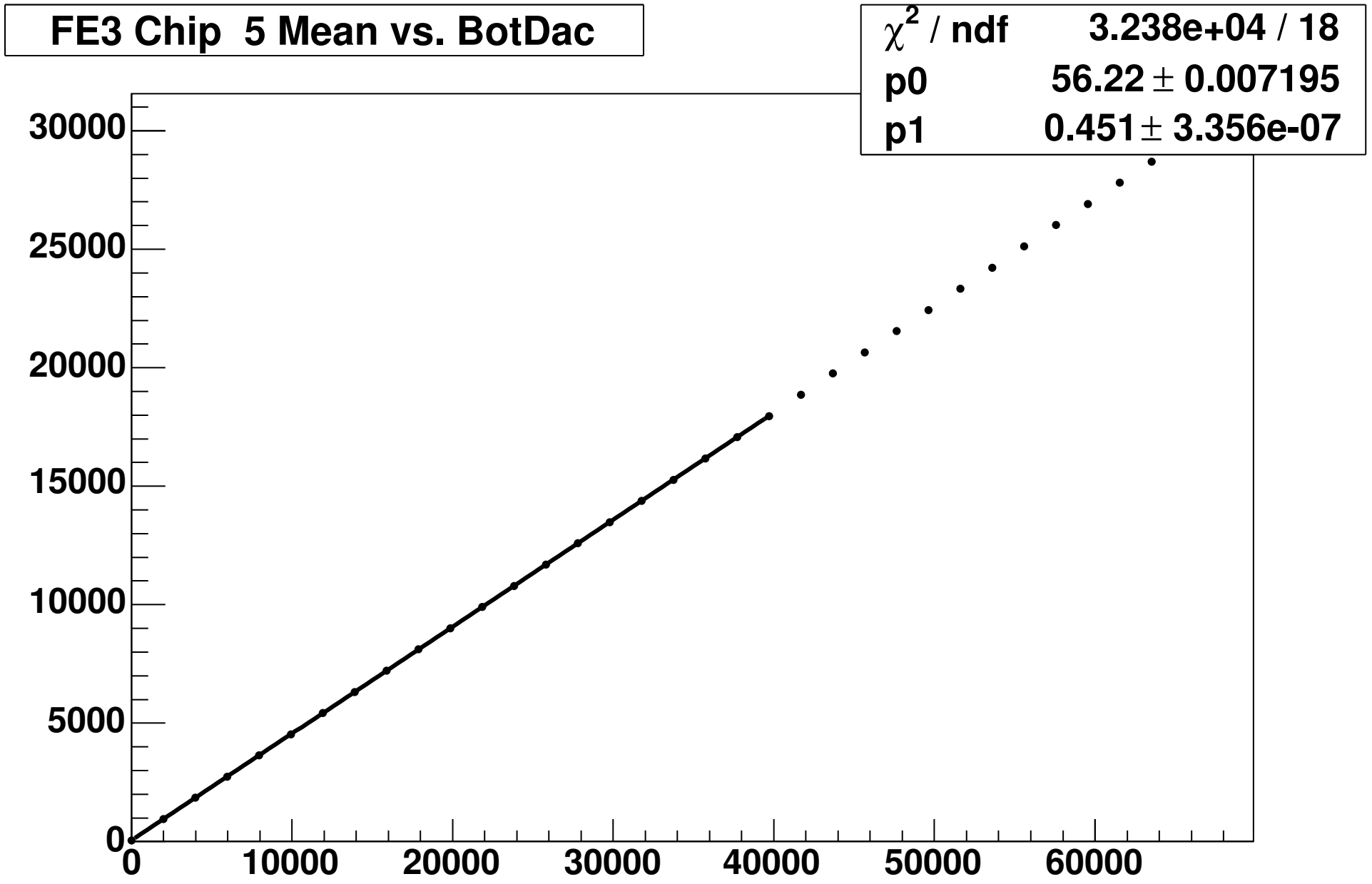
FE3 Chip 5 Mean vs. BotDac
χ² / ndf 3.238e+04 / 18
p0 56.22 ± 0.007195
p1 0.451 ± 3.356e-07
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10000
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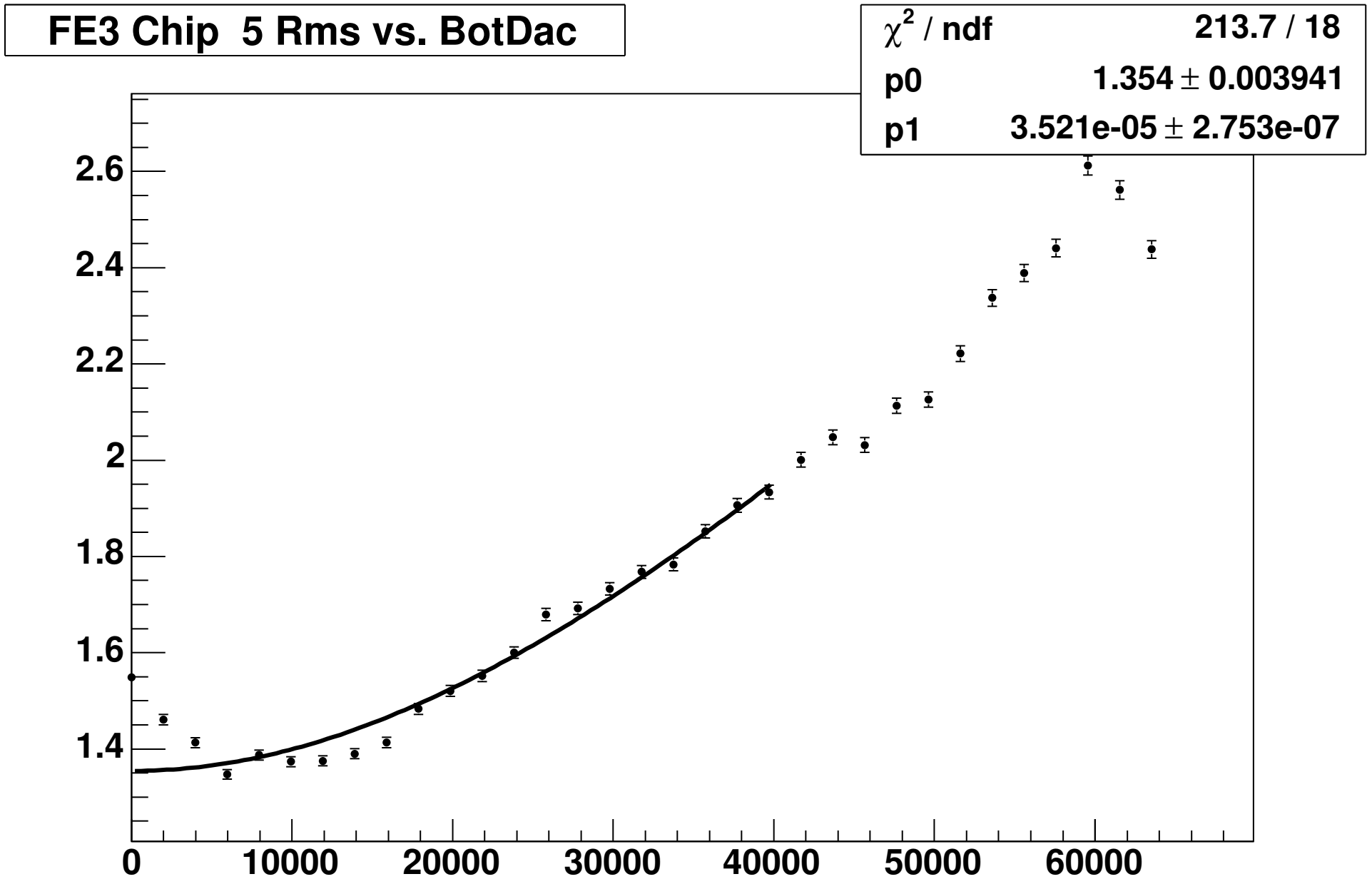
FE3 Chip 5 Rms vs. BotDac
χ² / ndf 213.7 / 18
p0 1.354 ± 0.003941
p1 3.521e-05 ± 2.753e-07
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2.4
2.2
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1.8
1.6
1.4
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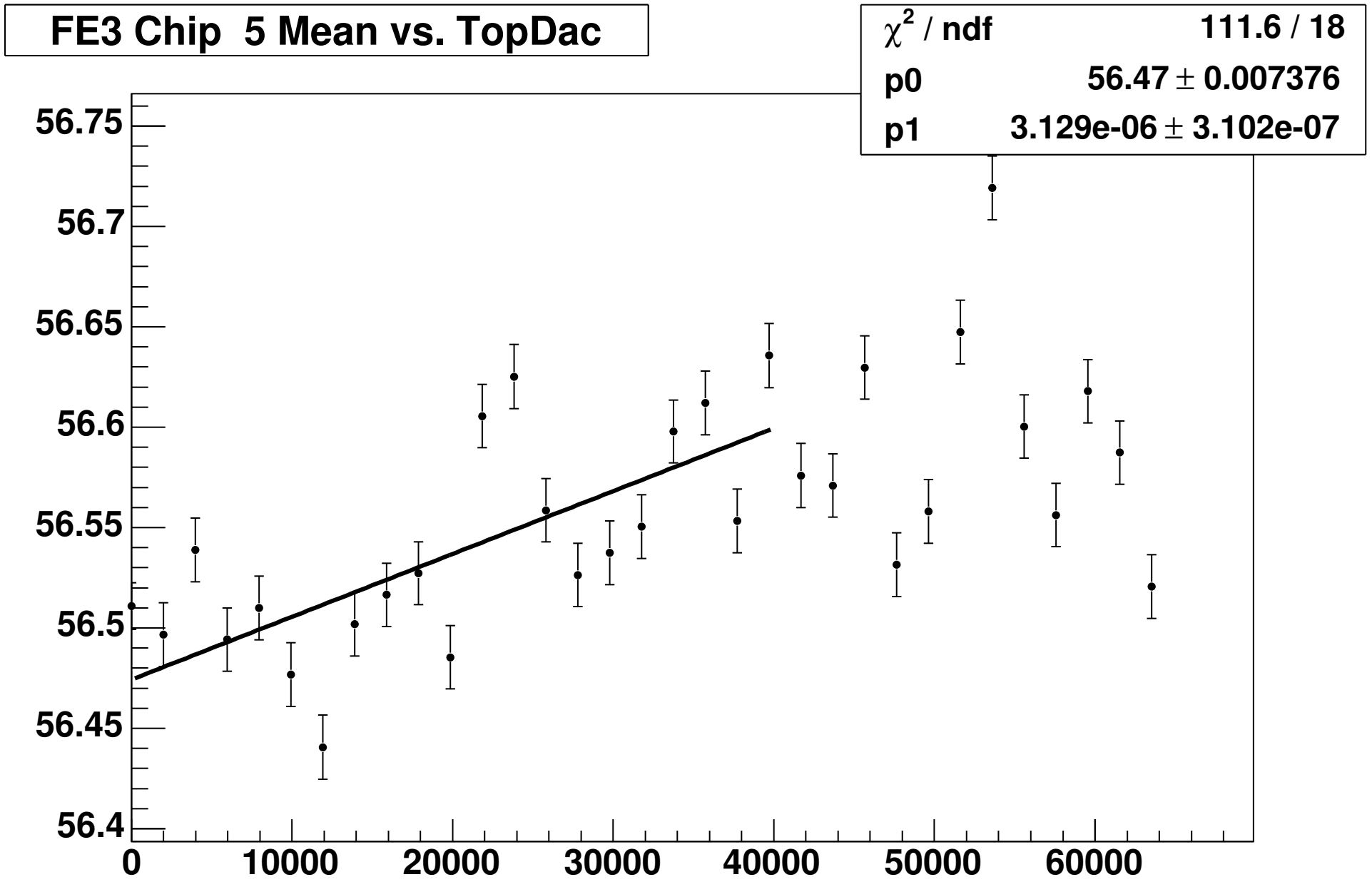
FE3 Chip 5 Mean vs. TopDac
χ² / ndf 111.6 / 18
p0 56.47 ± 0.007376
p1 3.129e-06 ± 3.102e-07
56.75
56.7
56.65
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56.55
56.5
56.45
56.4
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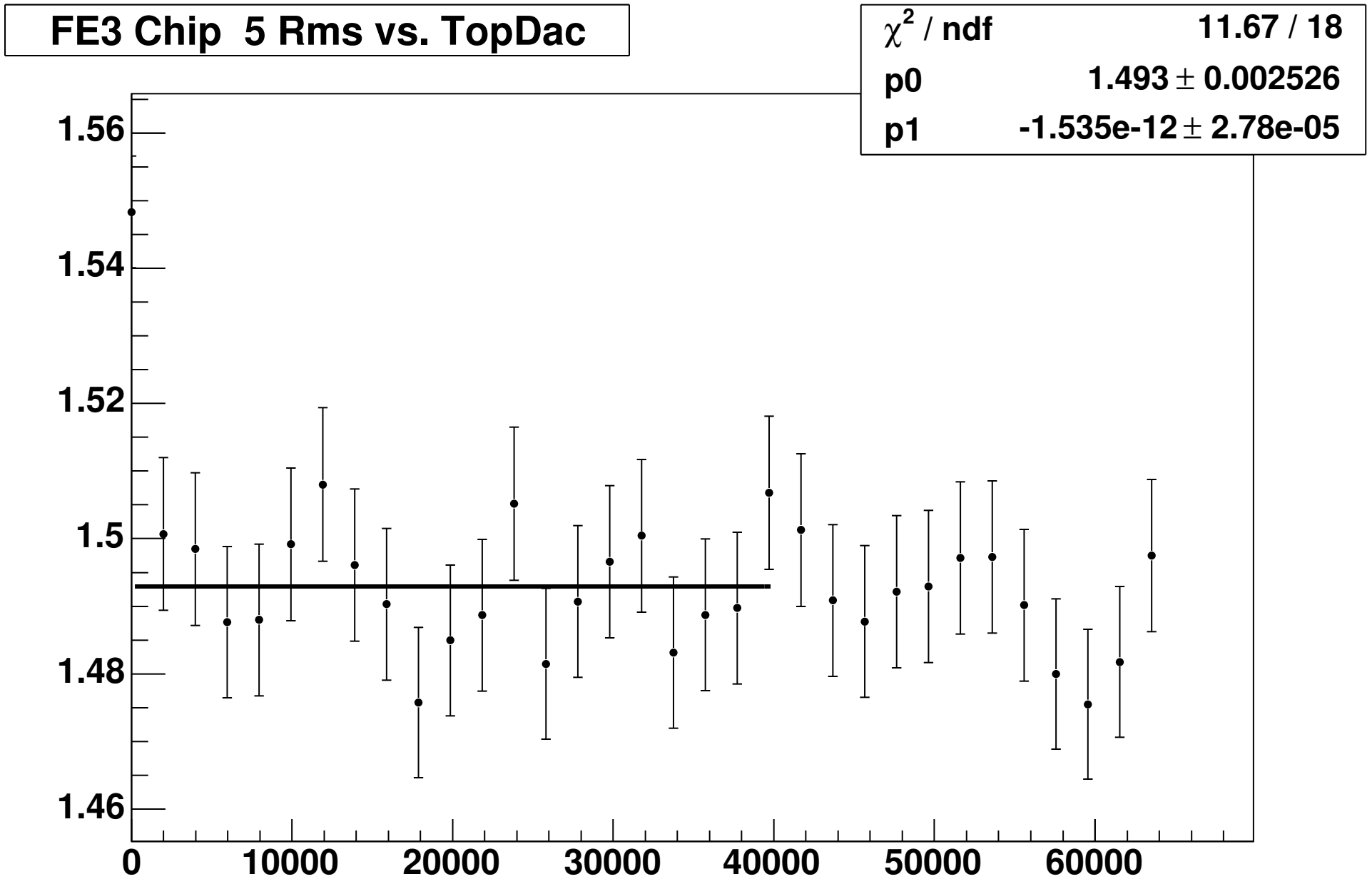
FE3 Chip 5 Rms vs. TopDac
χ² / ndf 11.67 / 18
p0 1.493 ± 0.002526
p1 -1.535e-12 ± 2.78e-05
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1.54
1.52
1.5
1.48
1.46
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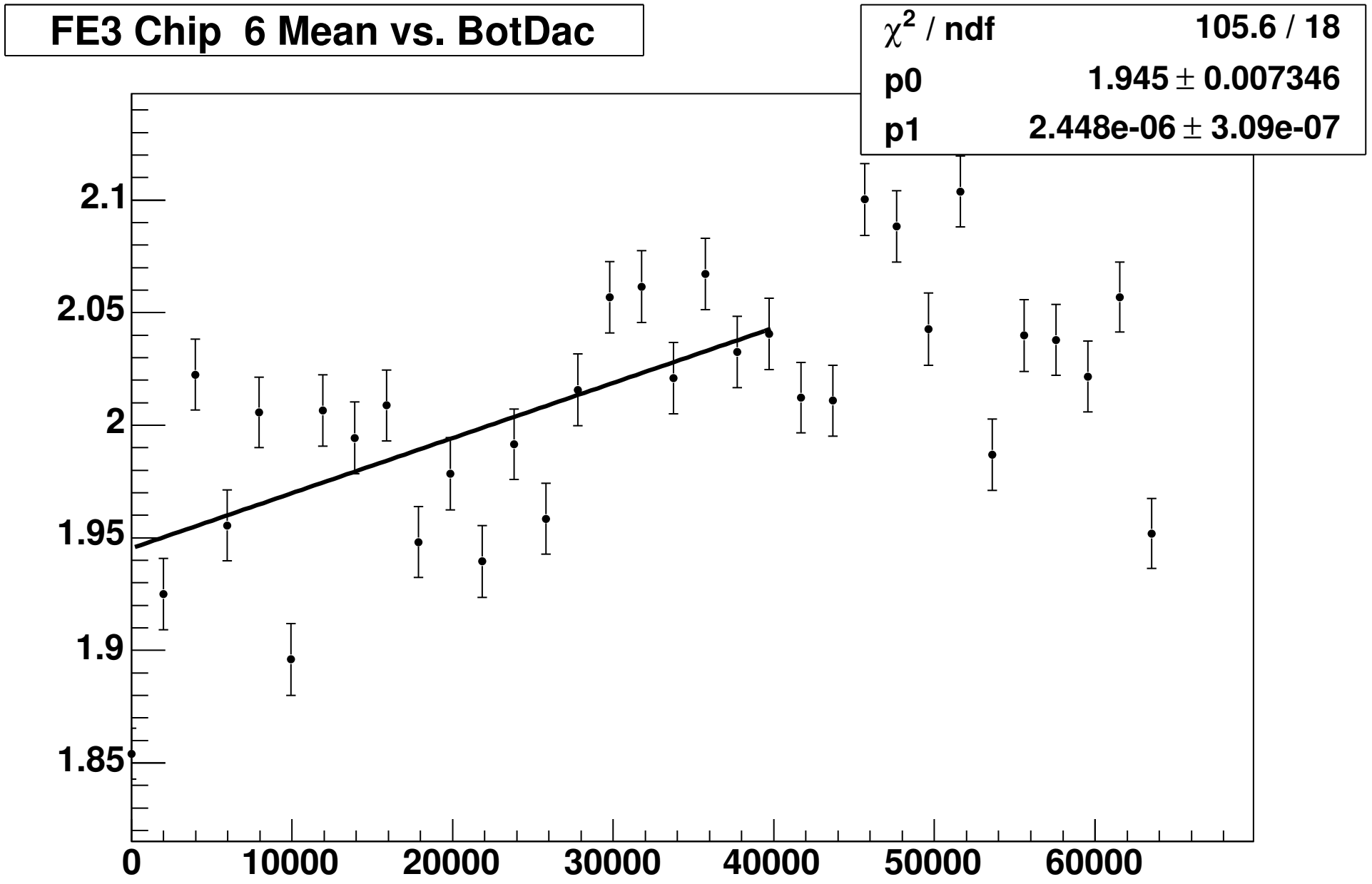
FE3 Chip 6 Mean vs. BotDac
χ² / ndf 105.6 / 18
p0 1.945 ± 0.007346
p1 2.448e-06 ± 3.09e-07
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2.05
2
1.95
1.9
1.85
0
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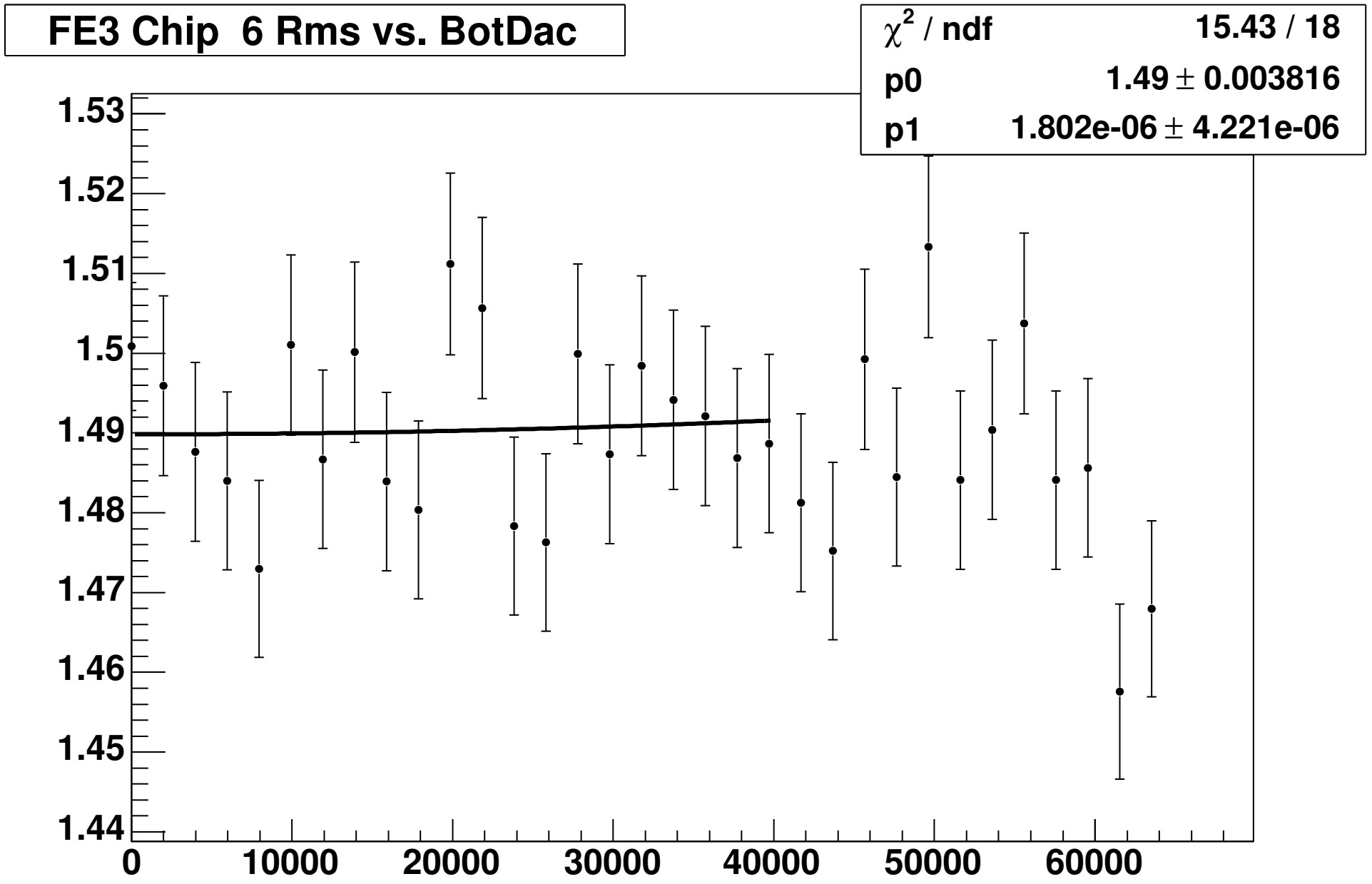
FE3 Chip 6 Rms vs. BotDac
χ² / ndf 15.43 / 18
p0 1.49 ± 0.003816
p1 1.802e-06 ± 4.221e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
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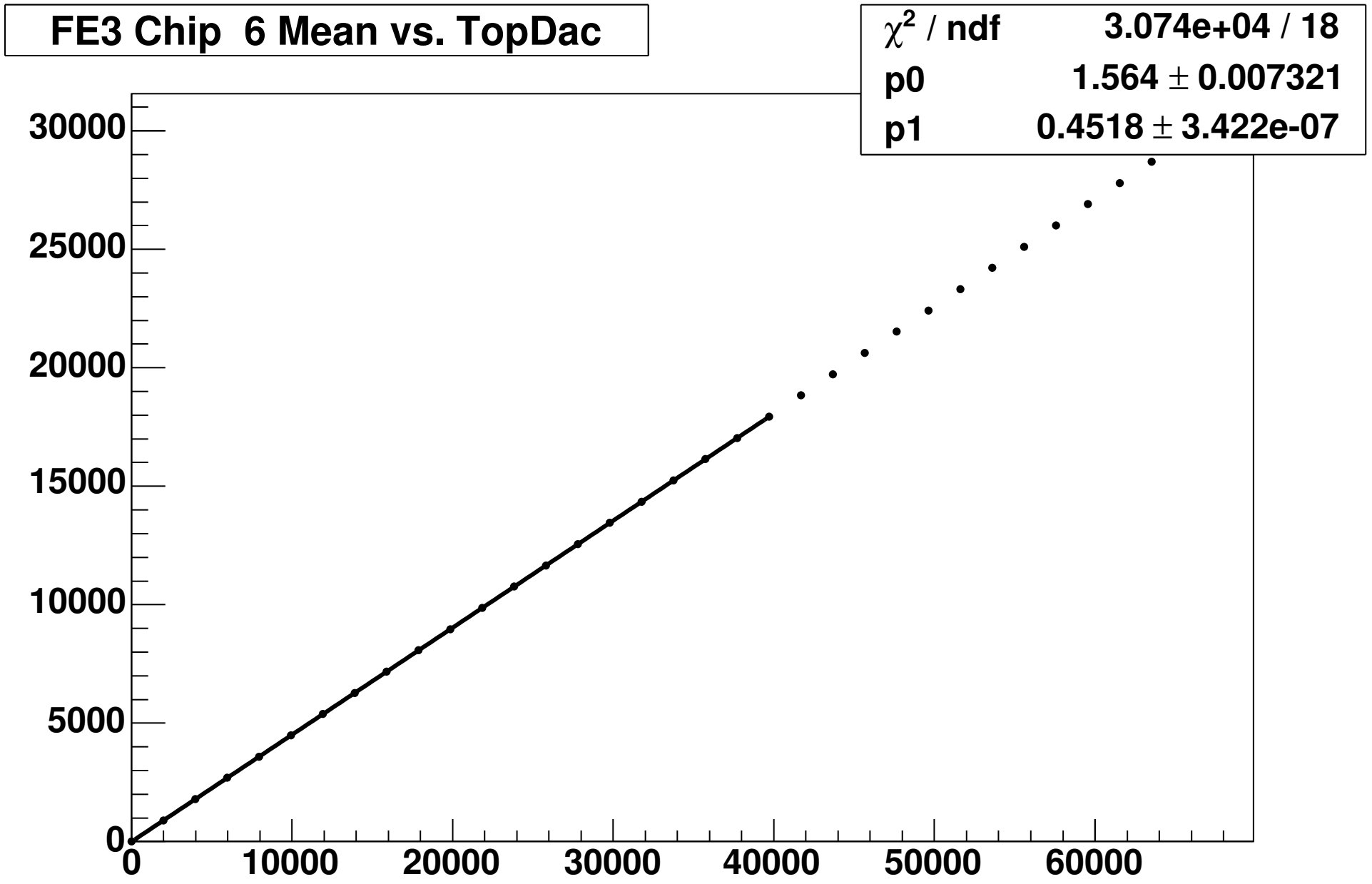
FE3 Chip 6 Mean vs. TopDac
χ² / ndf 3.074e+04 / 18
p0 1.564 ± 0.007321
p1 0.4518 ± 3.422e-07
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25000
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0
10000
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40000
50000
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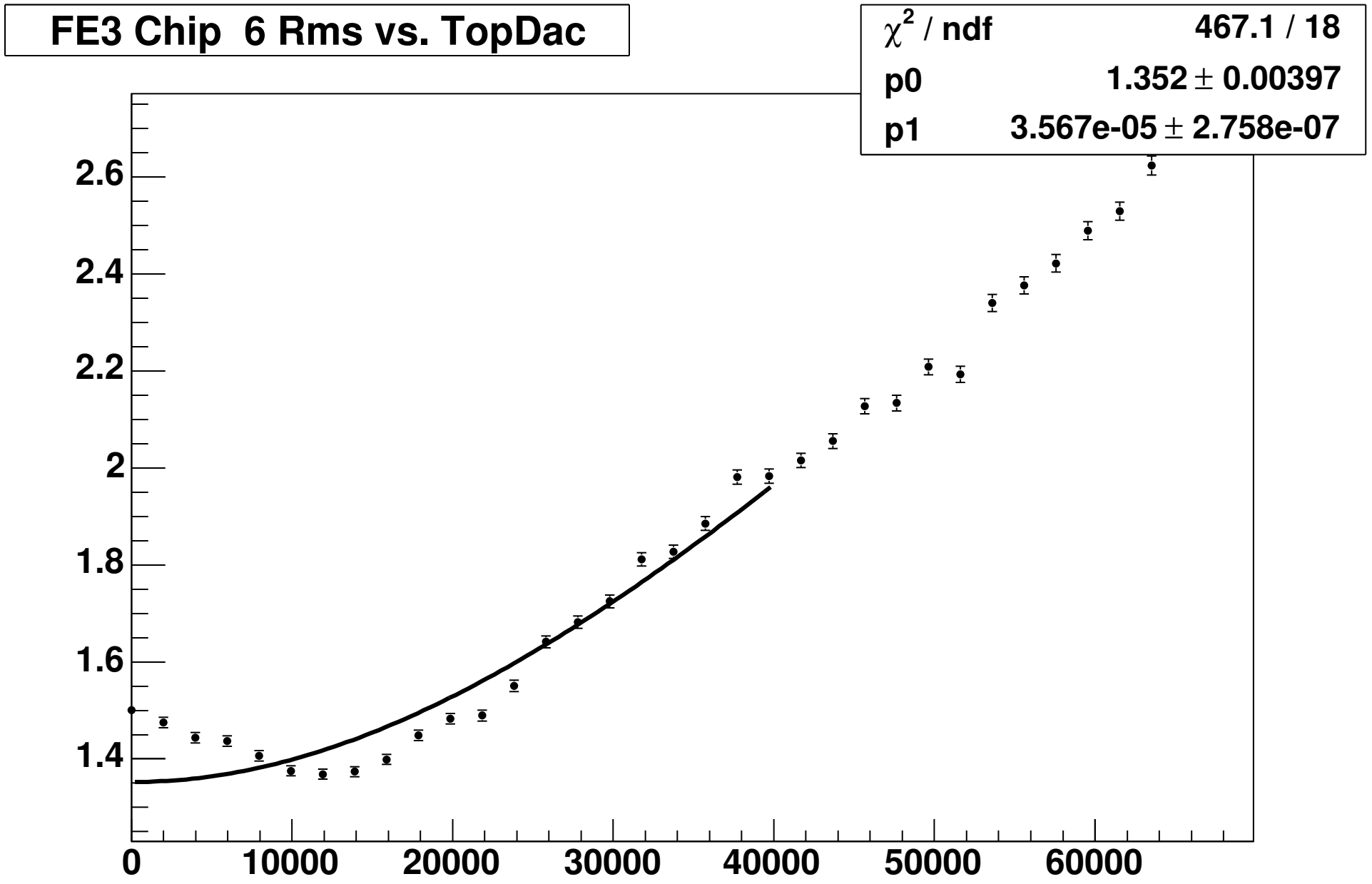
FE3 Chip 6 Rms vs. TopDac
χ² / ndf 467.1 / 18
p0 1.352 ± 0.00397
p1 3.567e-05 ± 2.758e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
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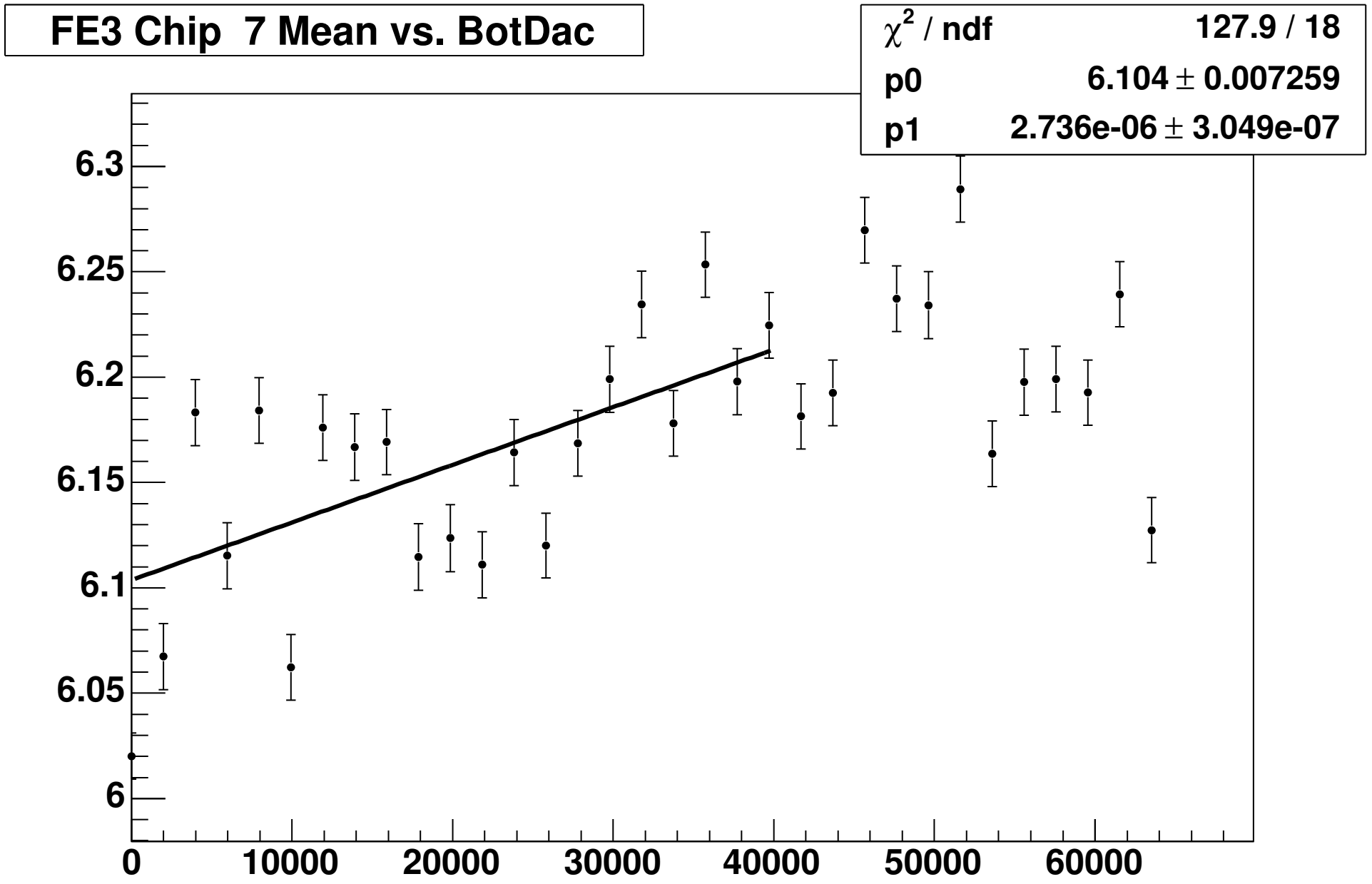
FE3 Chip 7 Mean vs. BotDac
χ² / ndf 127.9 / 18
p0 6.104 ± 0.007259
p1 2.736e-06 ± 3.049e-07
6.3
6.25
6.2
6.15
6.1
6.05
6
0
10000
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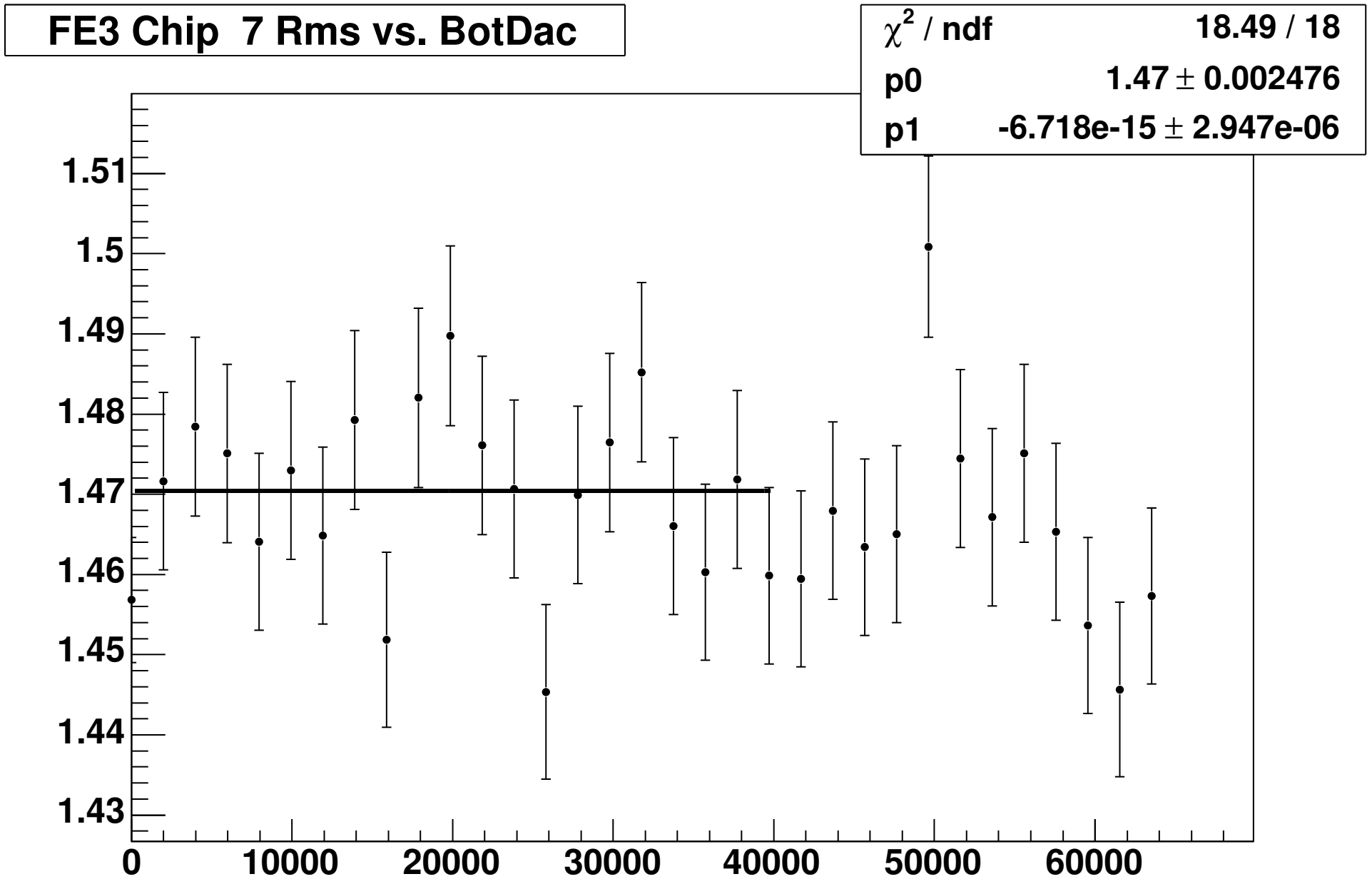
30000
40000
50000
60000


FE3 Chip 7 Rms vs. BotDac
χ² / ndf 18.49 / 18
p0 1.47 ± 0.002476
p1 -6.718e-15 ± 2.947e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
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40000
50000
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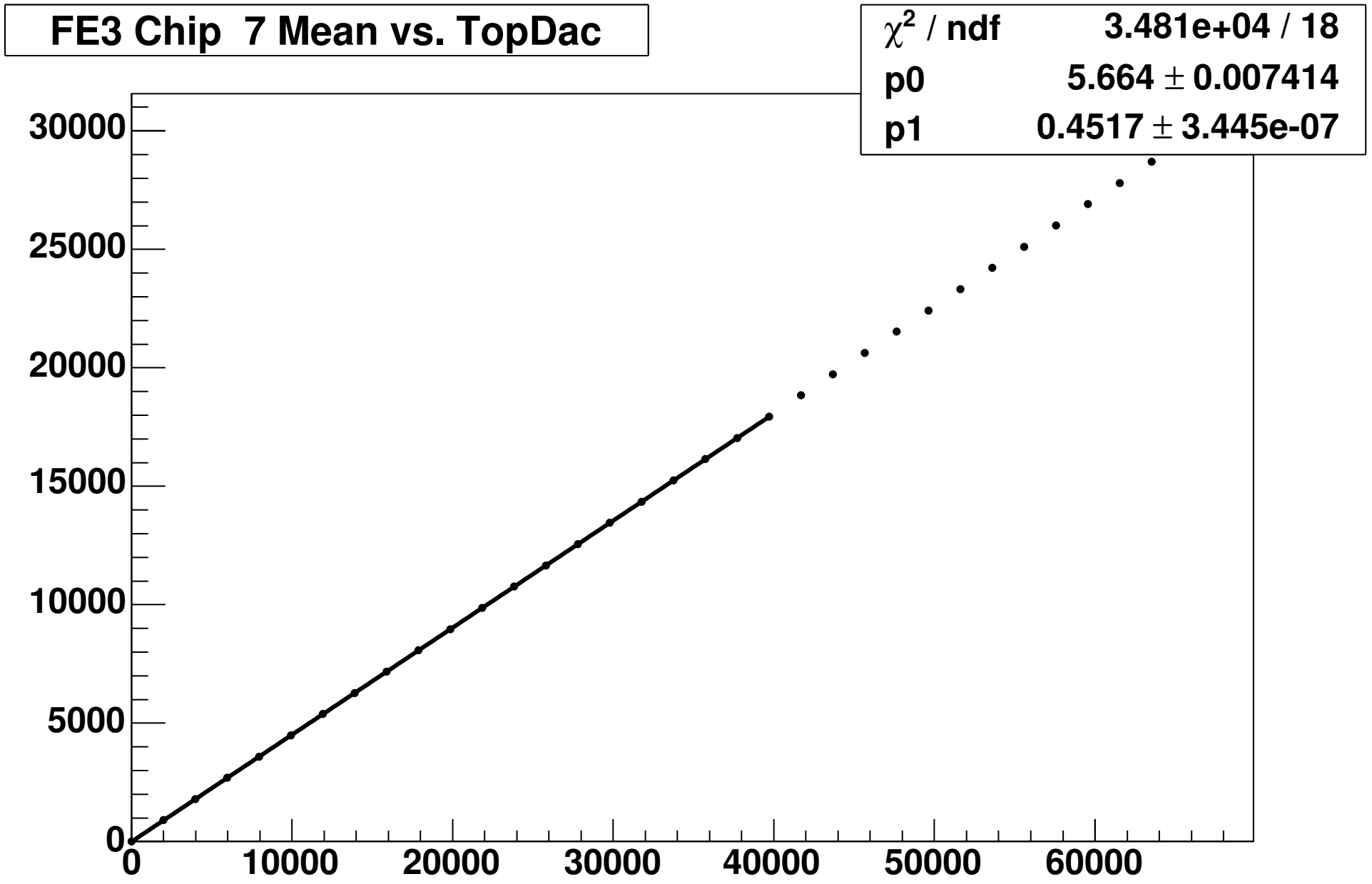
FE3 Chip 7 Mean vs. TopDac
χ² / ndf 3.481e+04 / 18
p0 5.664 ± 0.007414
p1 0.4517 ± 3.445e-07
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25000
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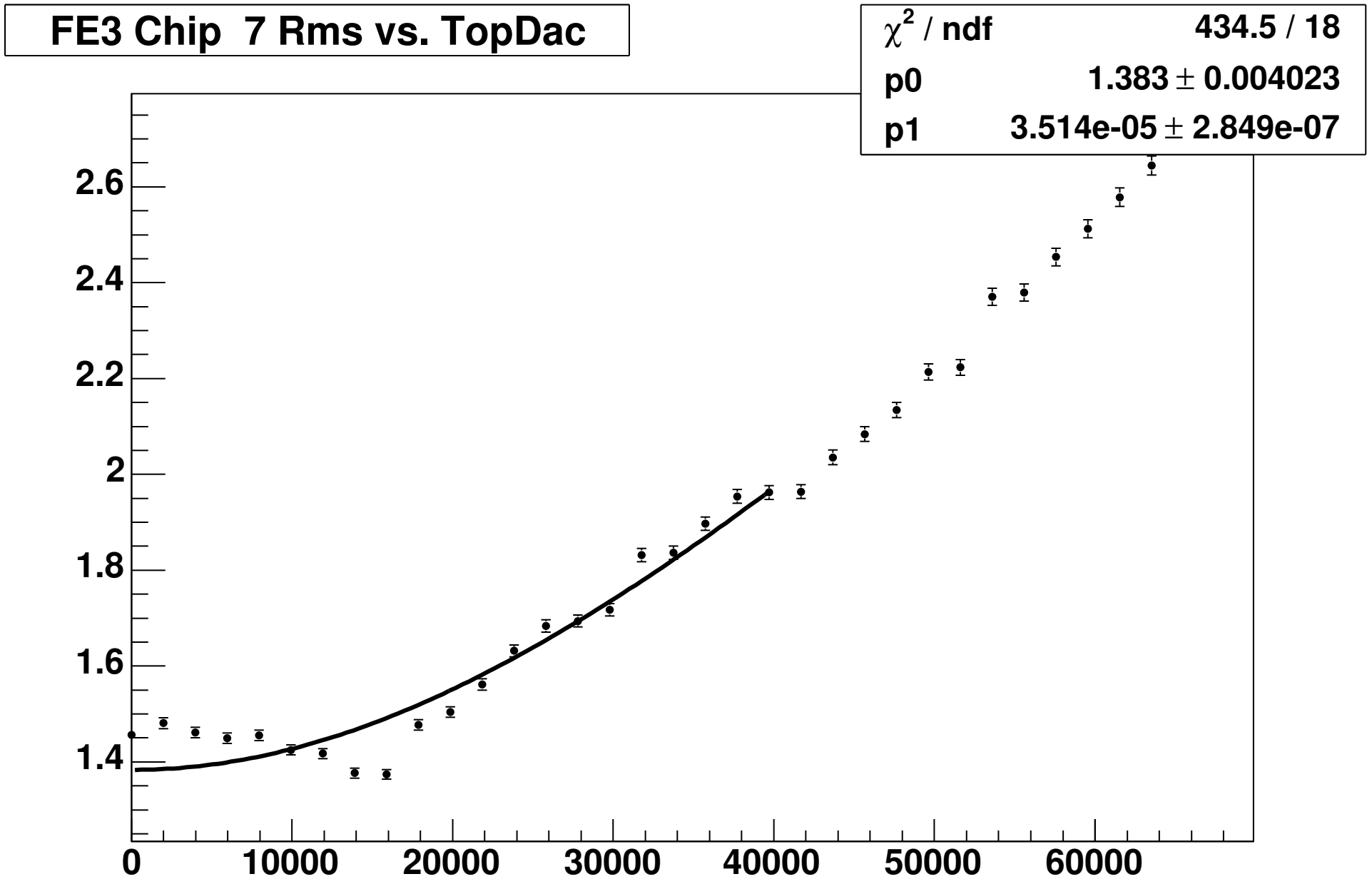
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 7 Rms vs. TopDac
χ² / ndf 434.5 / 18
p0 1.383 ± 0.004023
p1 3.514e-05 ± 2.849e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
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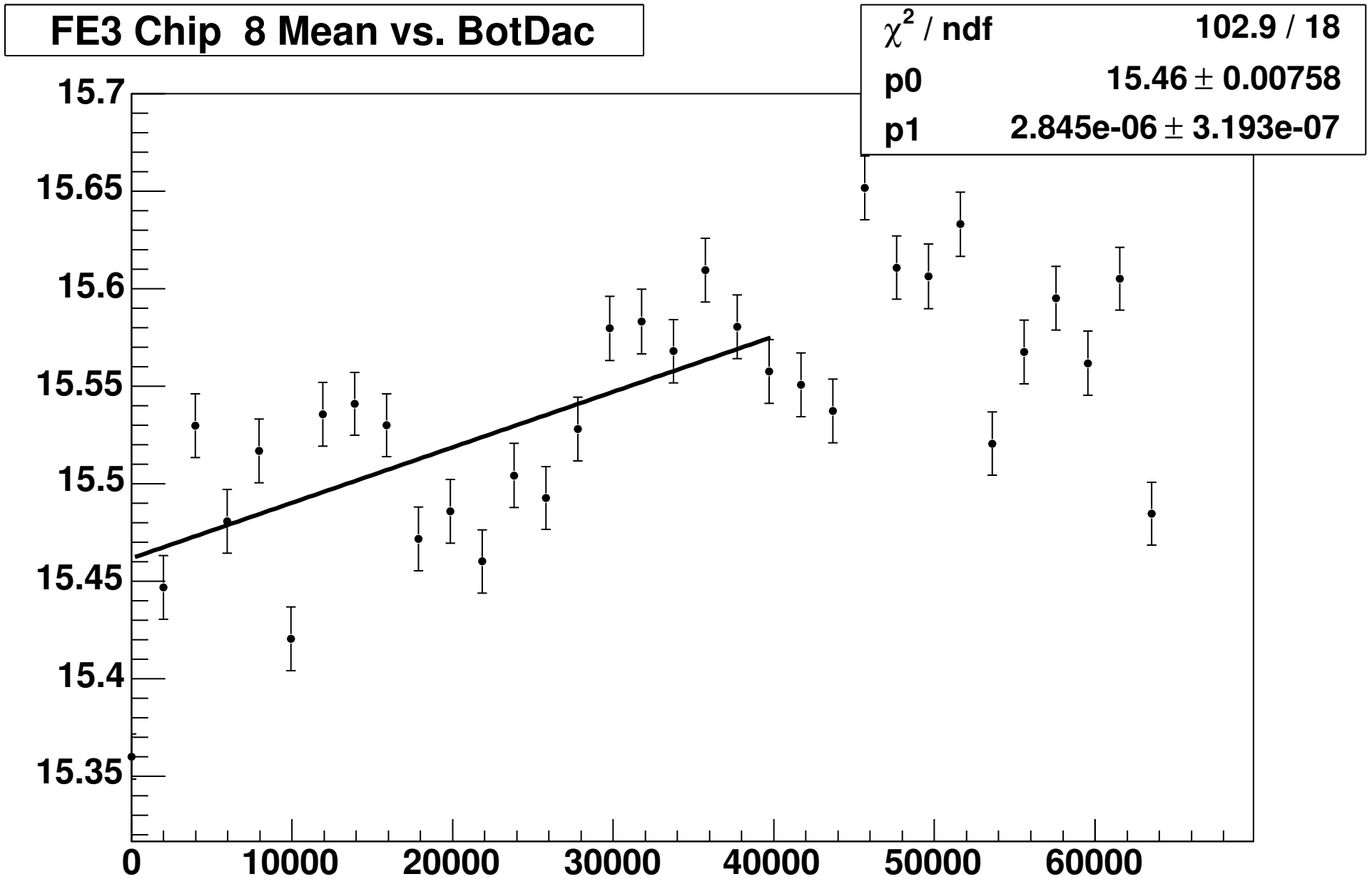
FE3 Chip 8 Mean vs. BotDac
χ² / ndf 102.9 / 18
p0 15.46 ± 0.00758
p1 2.845e-06 ± 3.193e-07
15.7
15.65
15.6
15.55
15.5
15.45
15.4
15.35
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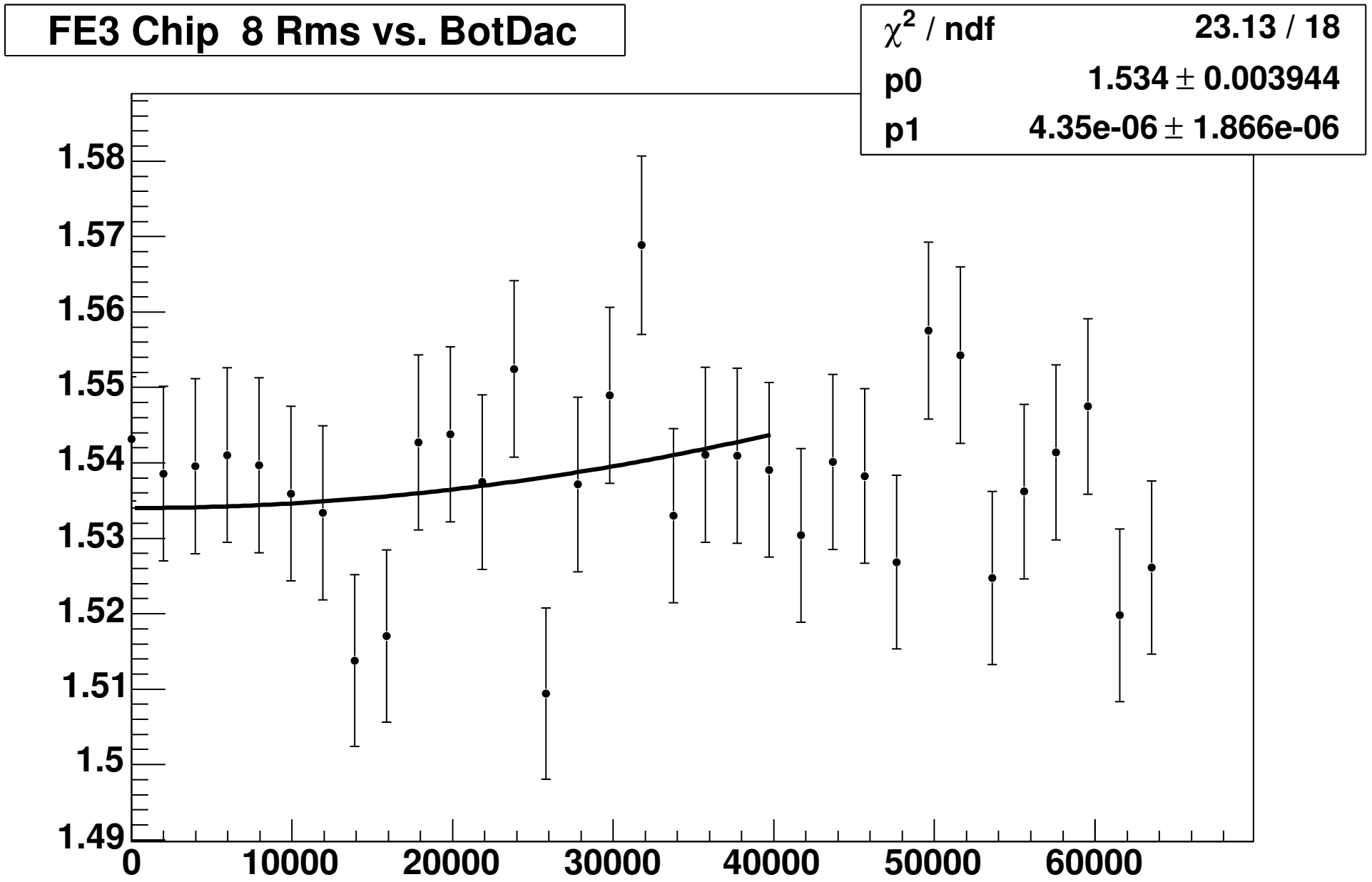
FE3 Chip 8 Rms vs. BotDac
χ² / ndf 23.13 / 18
p0 1.534 ± 0.003944
p1 4.35e-06 ± 1.866e-06
1.58
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
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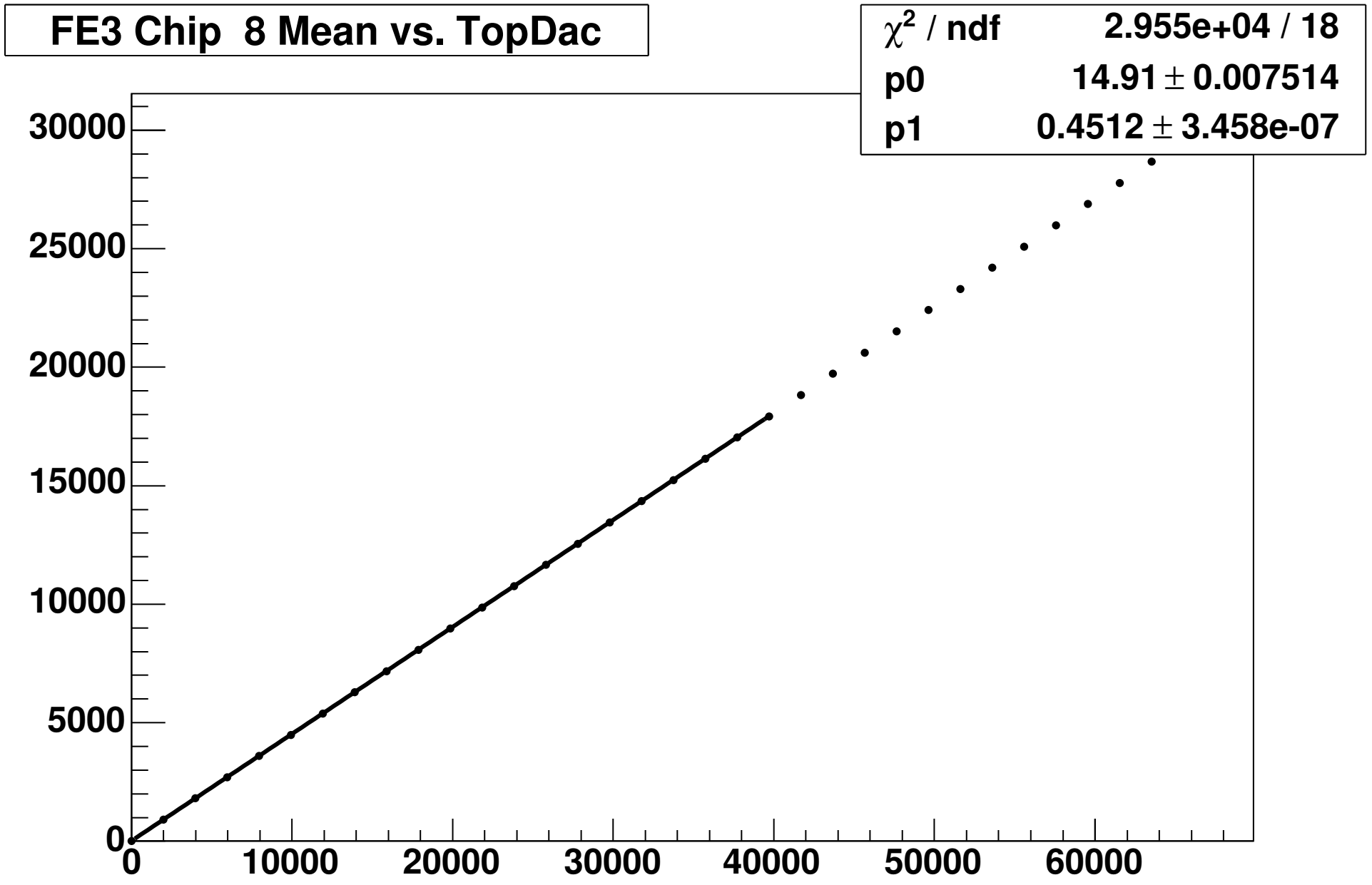
FE3 Chip 8 Mean vs. TopDac
χ² / ndf 2.955e+04 / 18
p0 14.91 ± 0.007514
p1 0.4512 ± 3.458e-07
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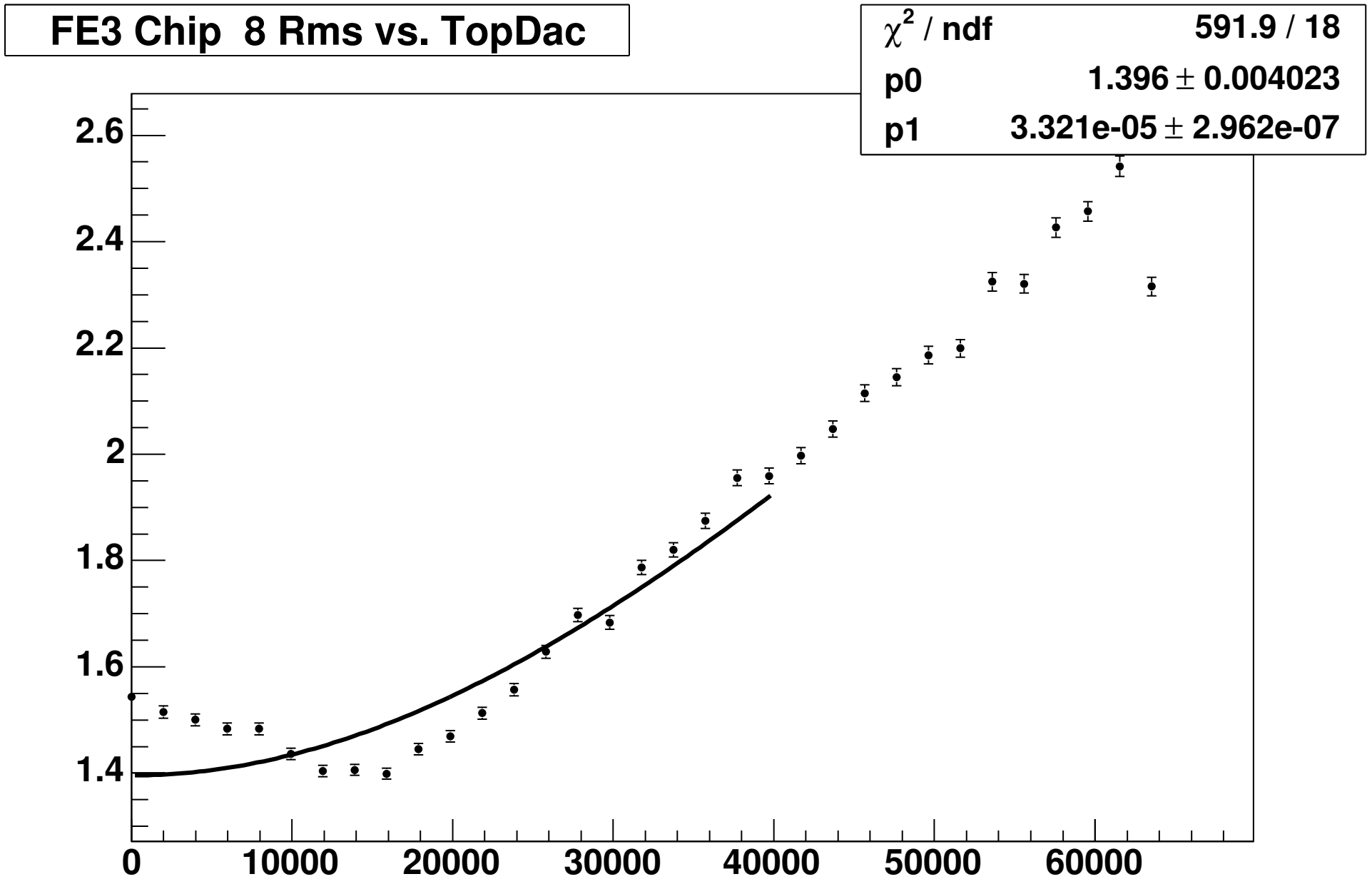
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 8 Rms vs. TopDac
χ² / ndf 591.9 / 18
p0 1.396 ± 0.004023
p1 3.321e-05 ± 2.962e-07
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2.4
2.2
2
1.8
1.6
1.4
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10000
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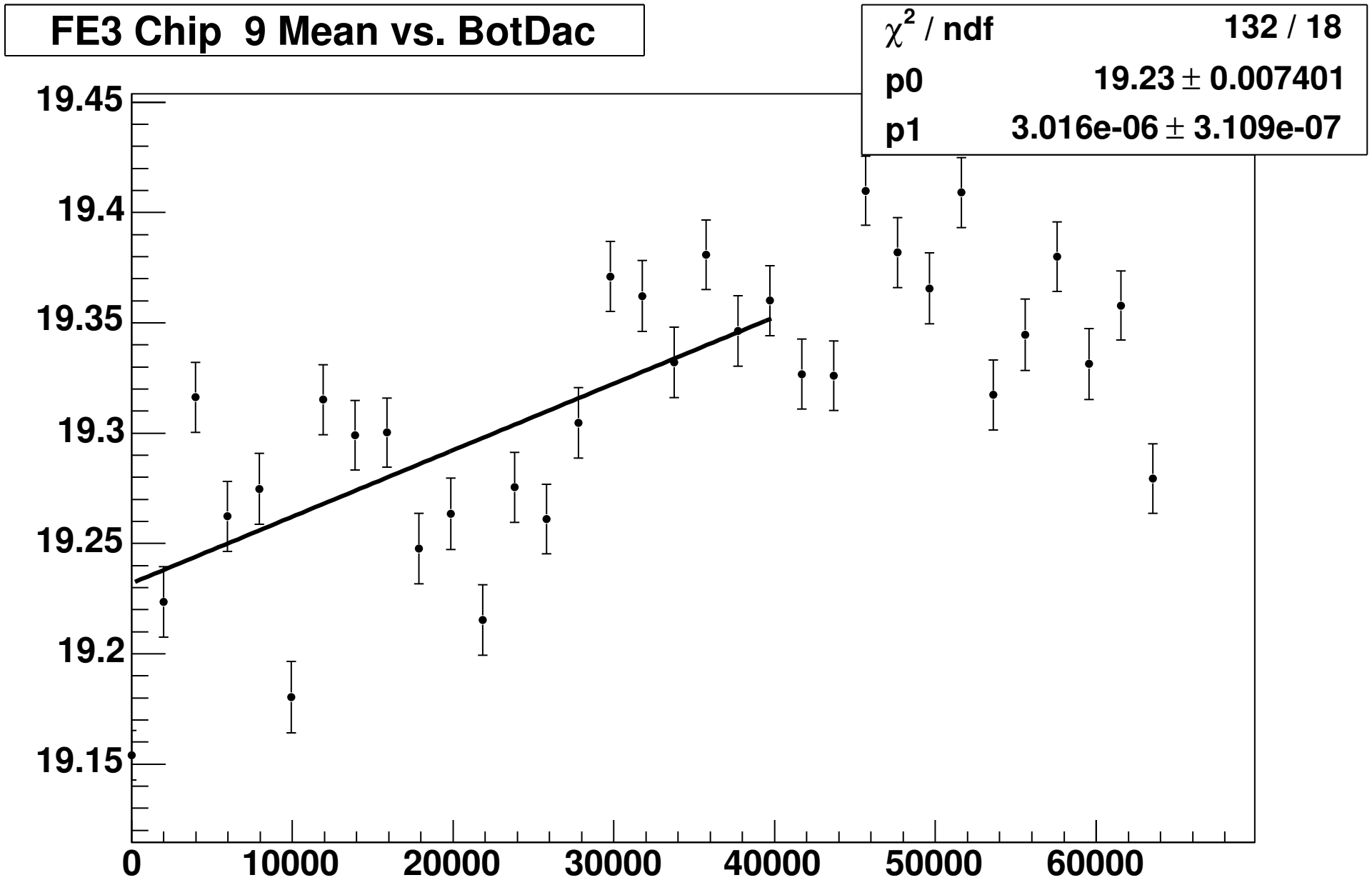
FE3 Chip 9 Mean vs. BotDac
χ² / ndf 132 / 18
p0 19.23 ± 0.007401
p1 3.016e-06 ± 3.109e-07
19.45
19.4
19.35
19.3
19.25
19.2
19.15
0
10000
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40000
50000
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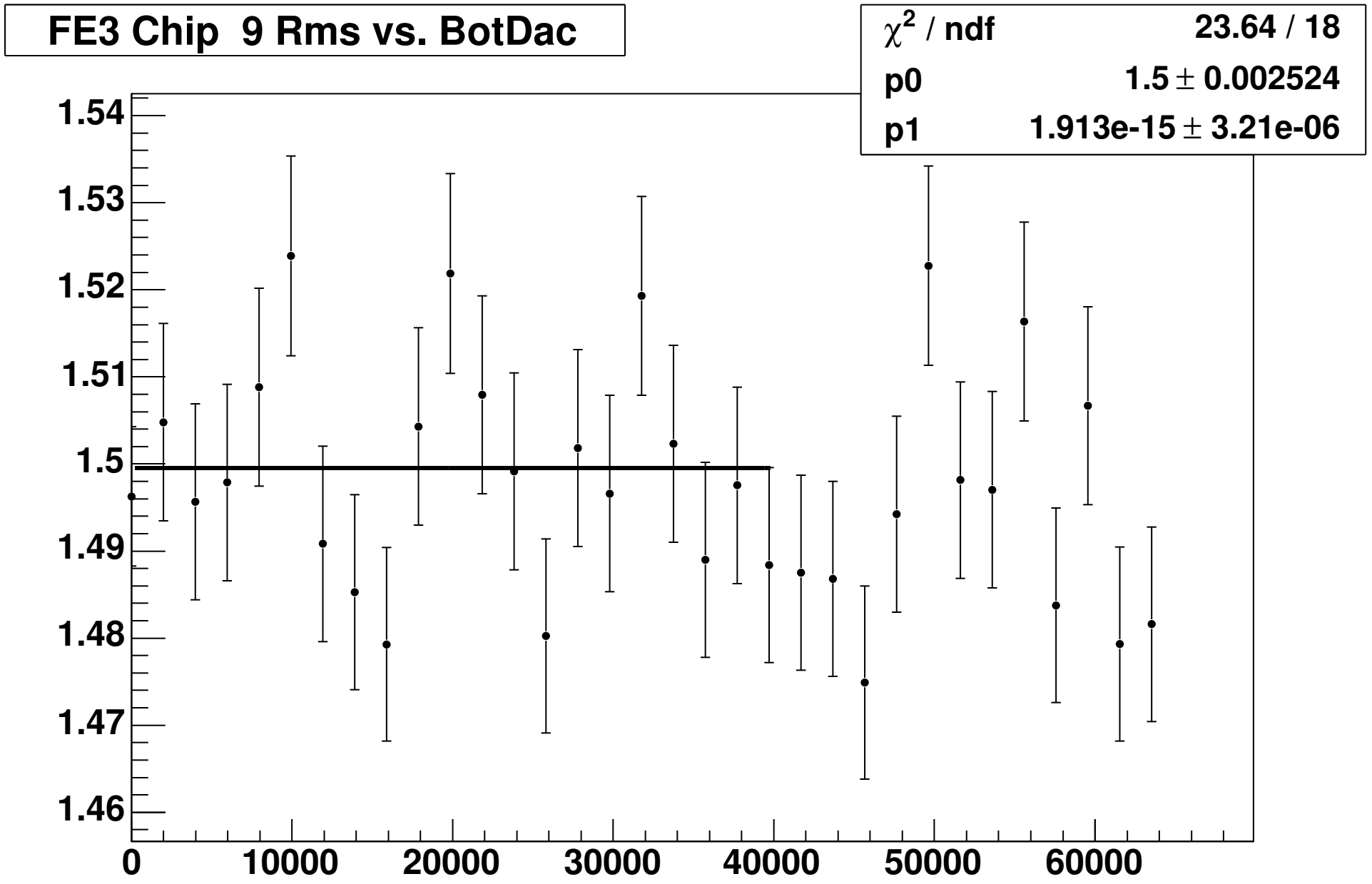
FE3 Chip 9 Rms vs. BotDac
χ² / ndf 23.64 / 18
p0 1.5 ± 0.002524
p1 1.913e-15 ± 3.21e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
0
10000
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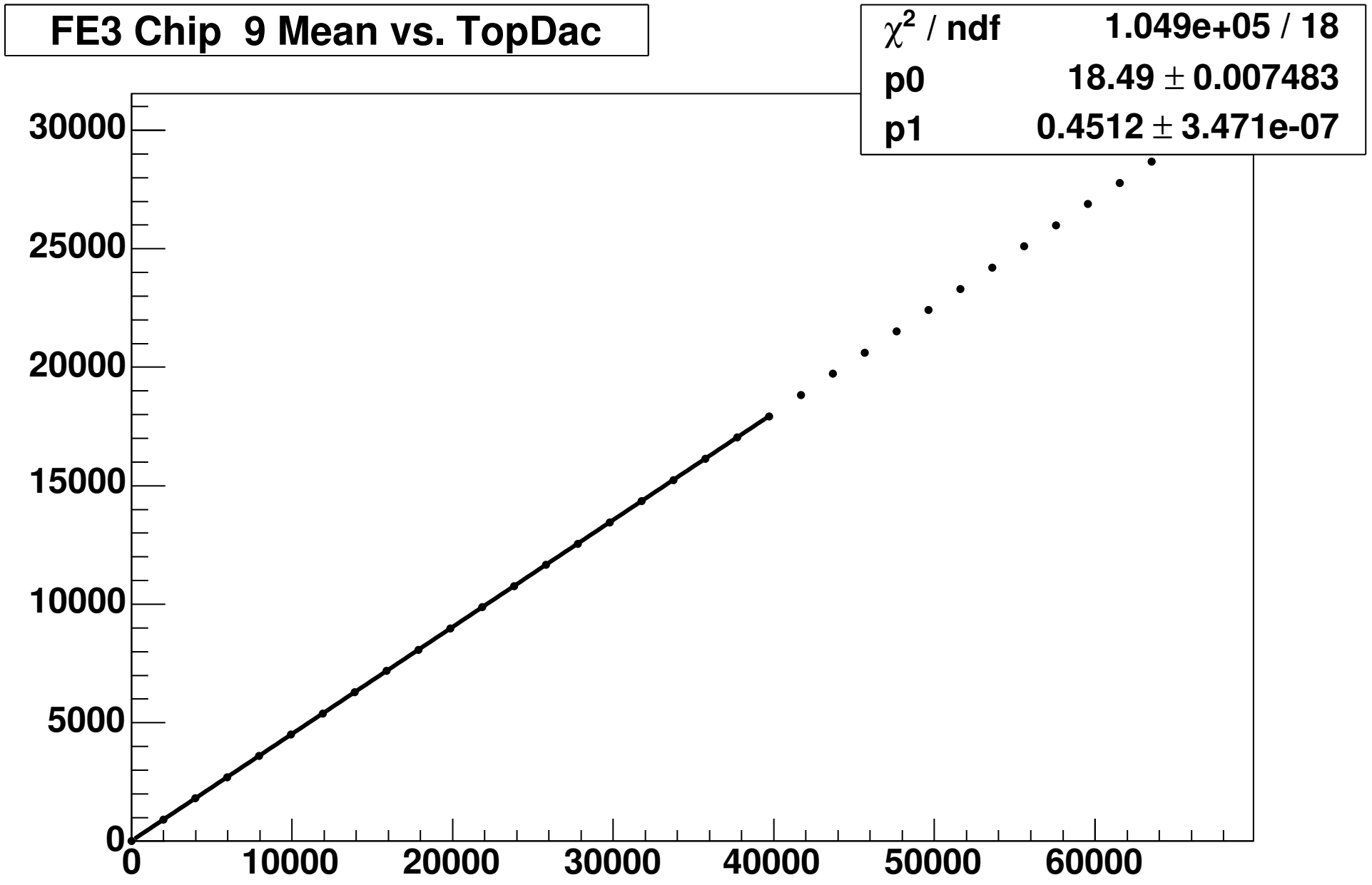
60000


FE3 Chip 9 Mean vs. TopDac
χ² / ndf 1.049e+05 / 18
p0 18.49 ± 0.007483
p1 0.4512 ± 3.471e-07
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10000
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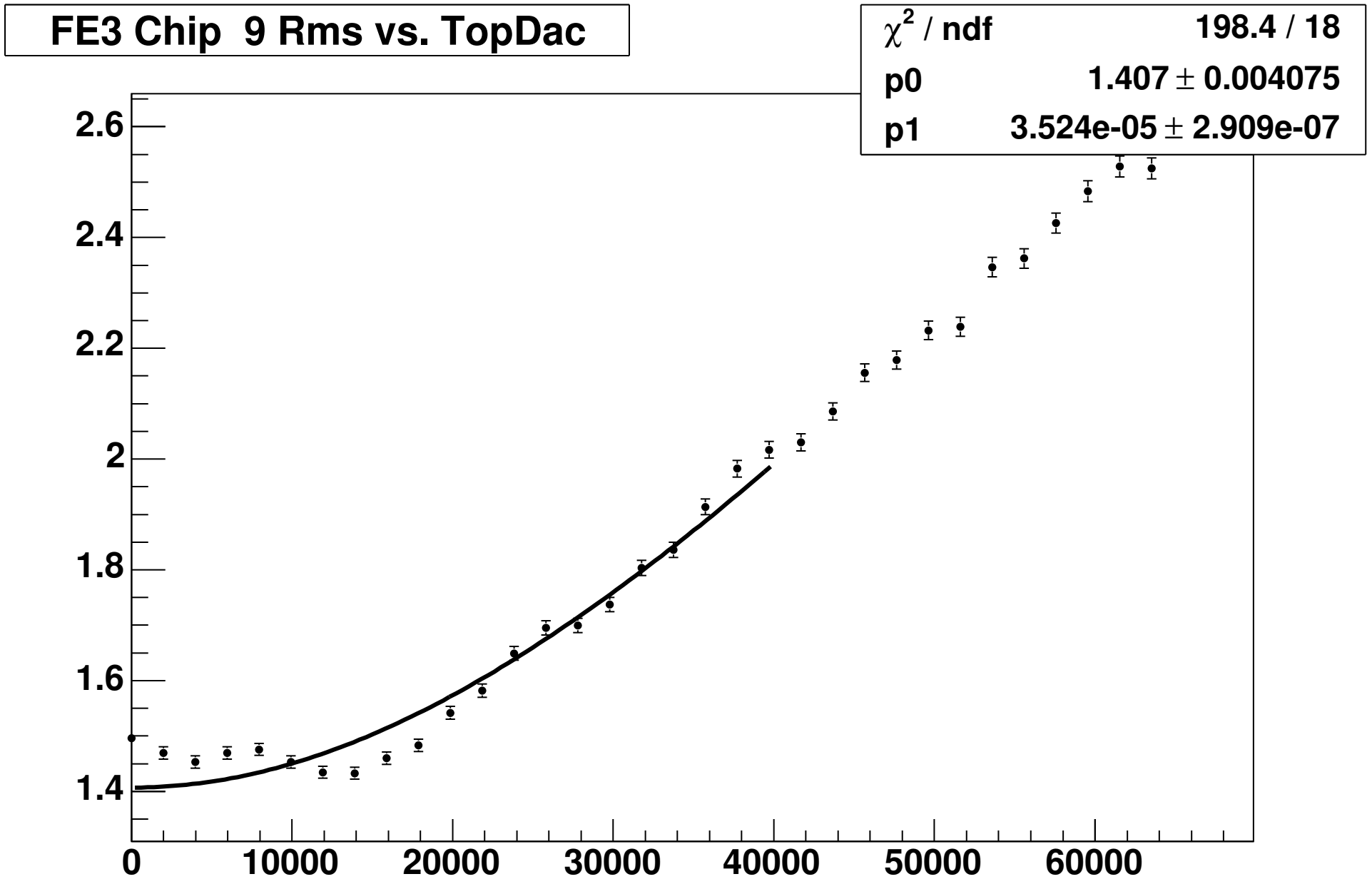
40000
50000
60000


FE3 Chip 9 Rms vs. TopDac
χ² / ndf 198.4 / 18
p0 1.407 ± 0.004075
p1 3.524e-05 ± 2.909e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
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30000
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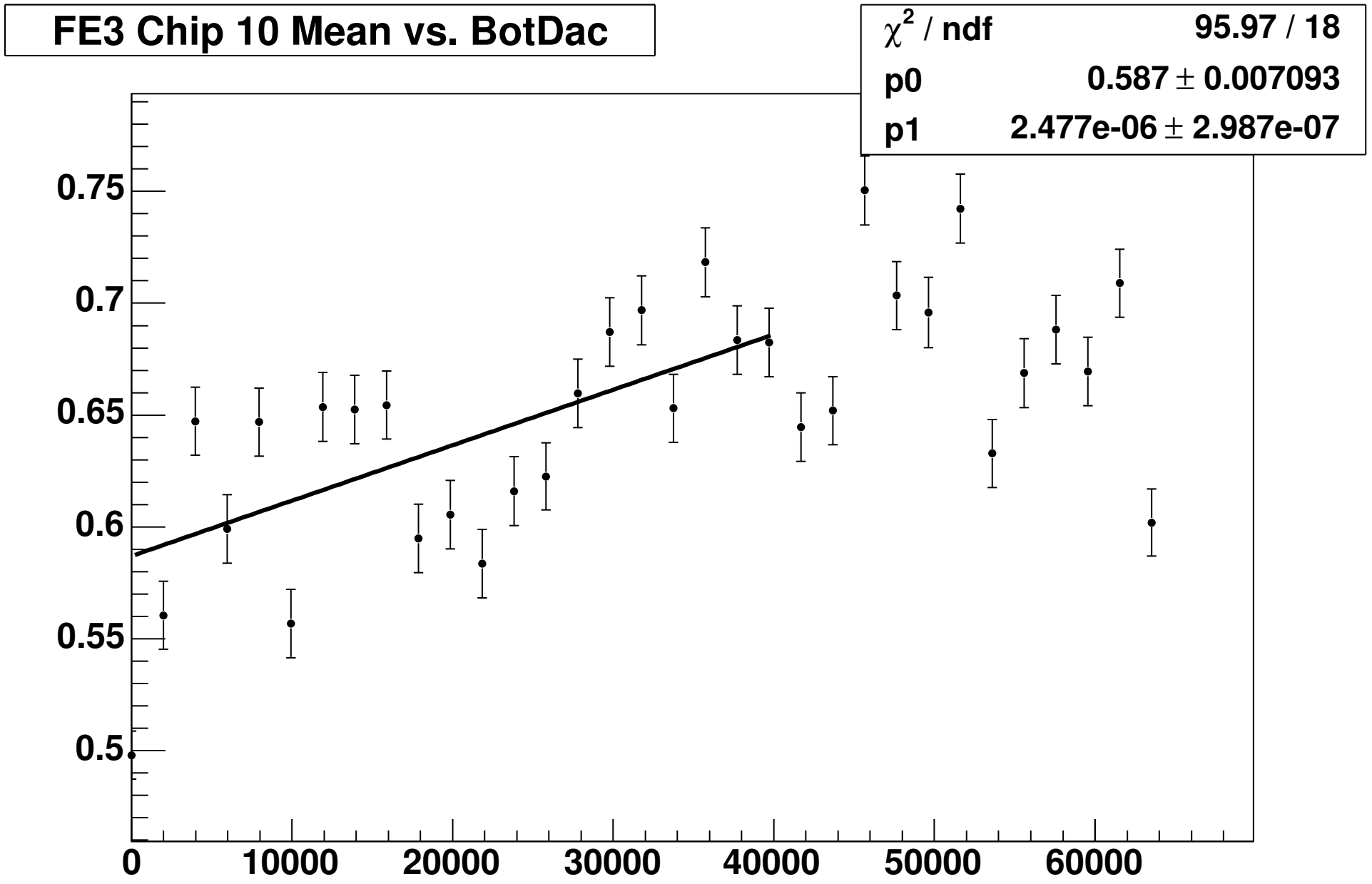
60000


FE3 Chip 10 Mean vs. BotDac
χ² / ndf 95.97 / 18
p0 0.587 ± 0.007093
p1 2.477e-06 ± 2.987e-07
0.75
0.7
0.65
0.6
0.55
0.5
0
10000
20000
30000
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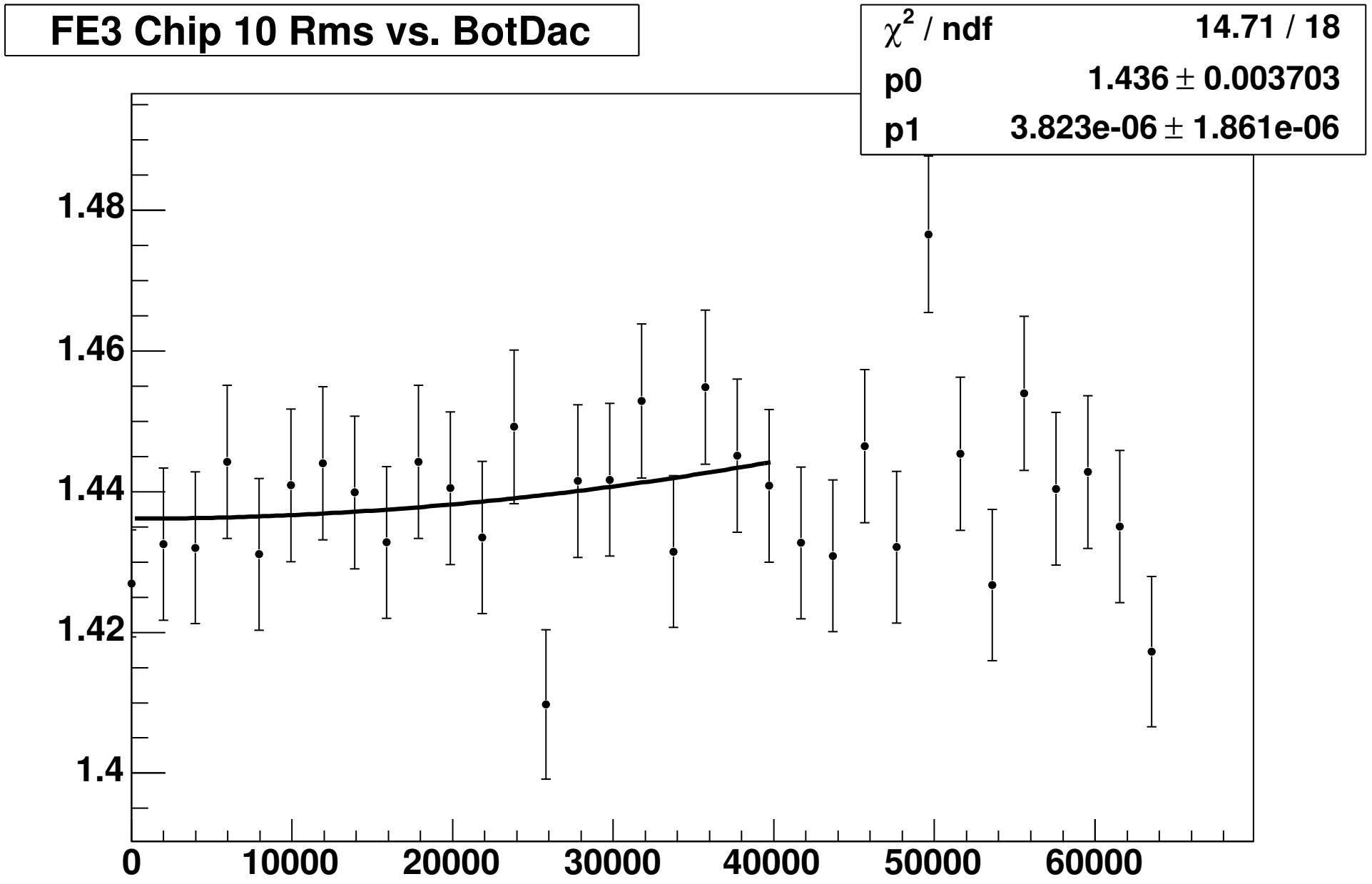
FE3 Chip 10 Rms vs. BotDac
χ² / ndf 14.71 / 18
p0 1.436 ± 0.003703
p1 3.823e-06 ± 1.861e-06
1.48
1.46
1.44
1.42
1.4
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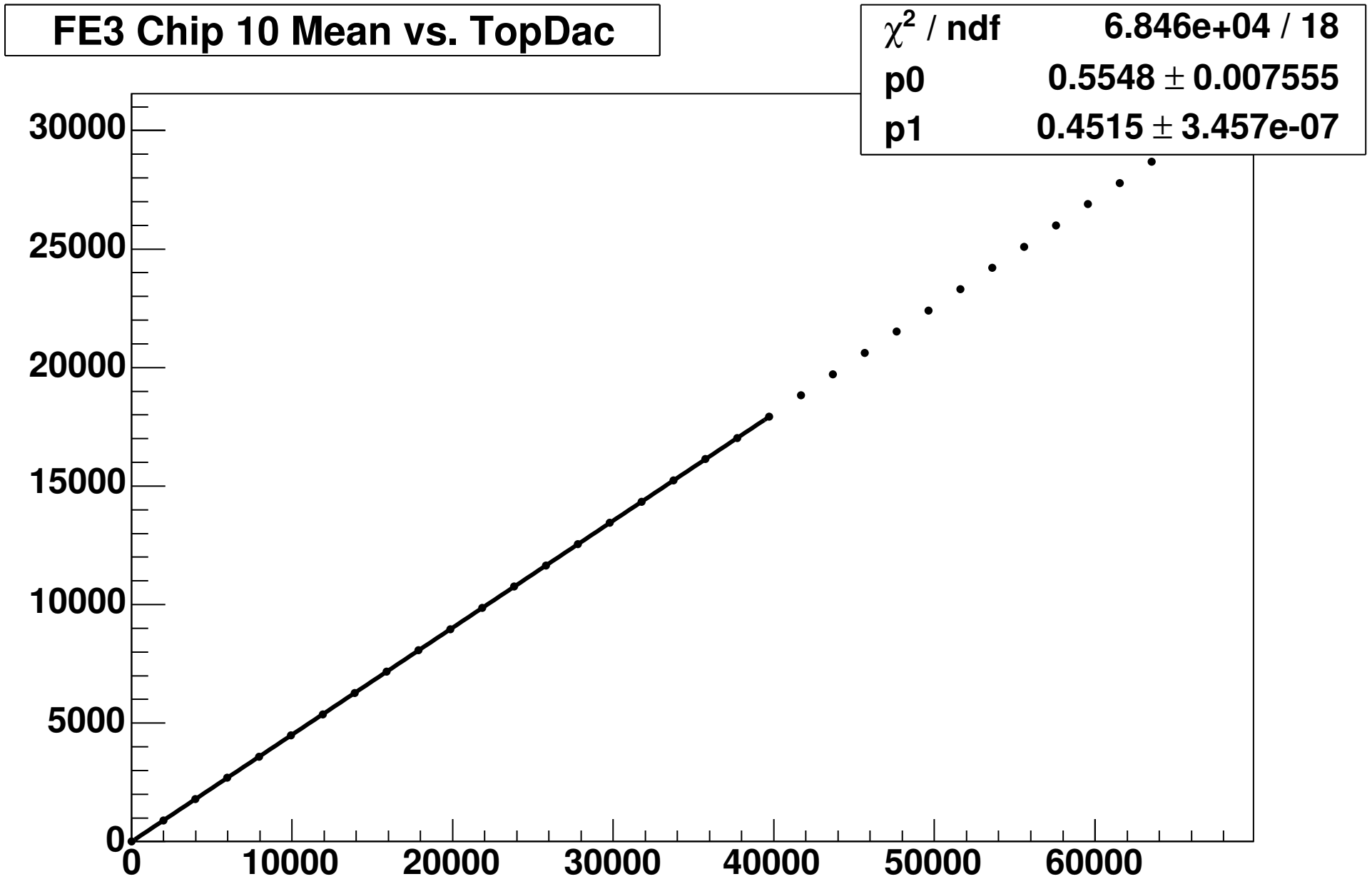
FE3 Chip 10 Mean vs. TopDac
χ² / ndf 6.846e+04 / 18
p0 0.5548 ± 0.007555
p1 0.4515 ± 3.457e-07
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25000
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10000
20000
30000
40000
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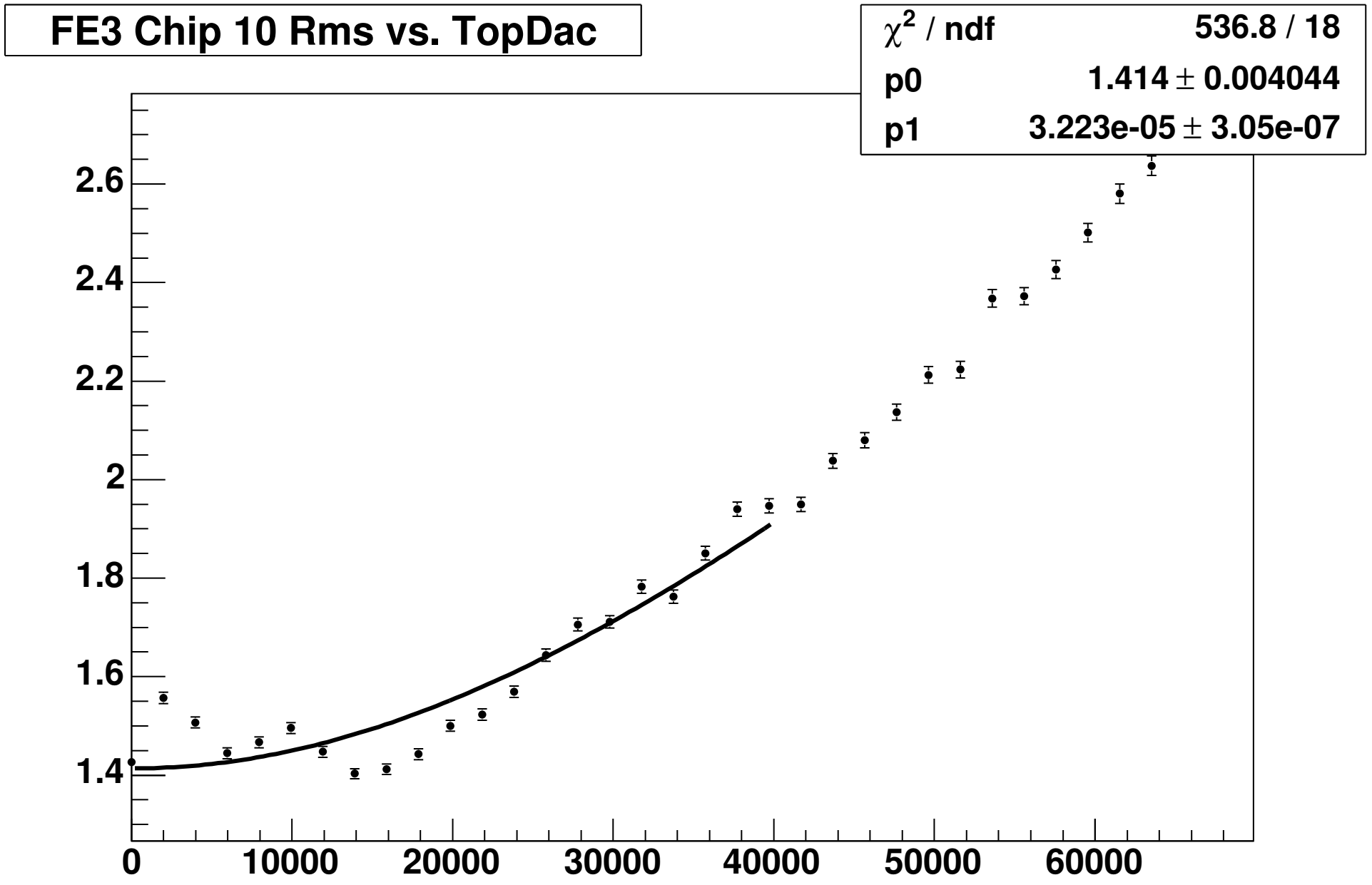
FE3 Chip 10 Rms vs. TopDac
χ² / ndf 536.8 / 18
p0 1.414 ± 0.004044
p1 3.223e-05 ± 3.05e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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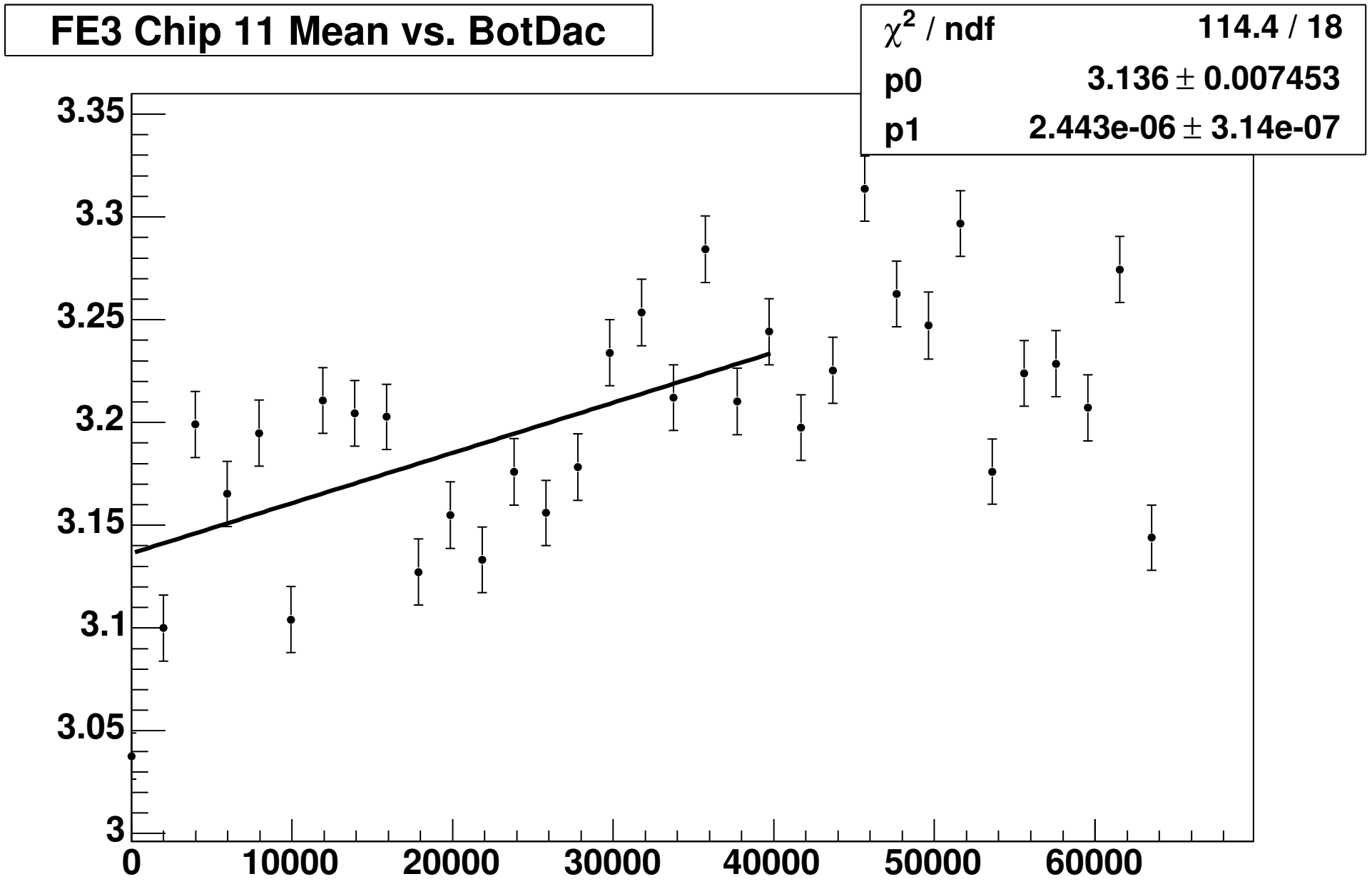
FE3 Chip 11 Mean vs. BotDac
χ² / ndf 114.4 / 18
p0 3.136 ± 0.007453
p1 2.443e-06 ± 3.14e-07
3.35
3.3
3.25
3.2
3.15
3.1
3.05
3
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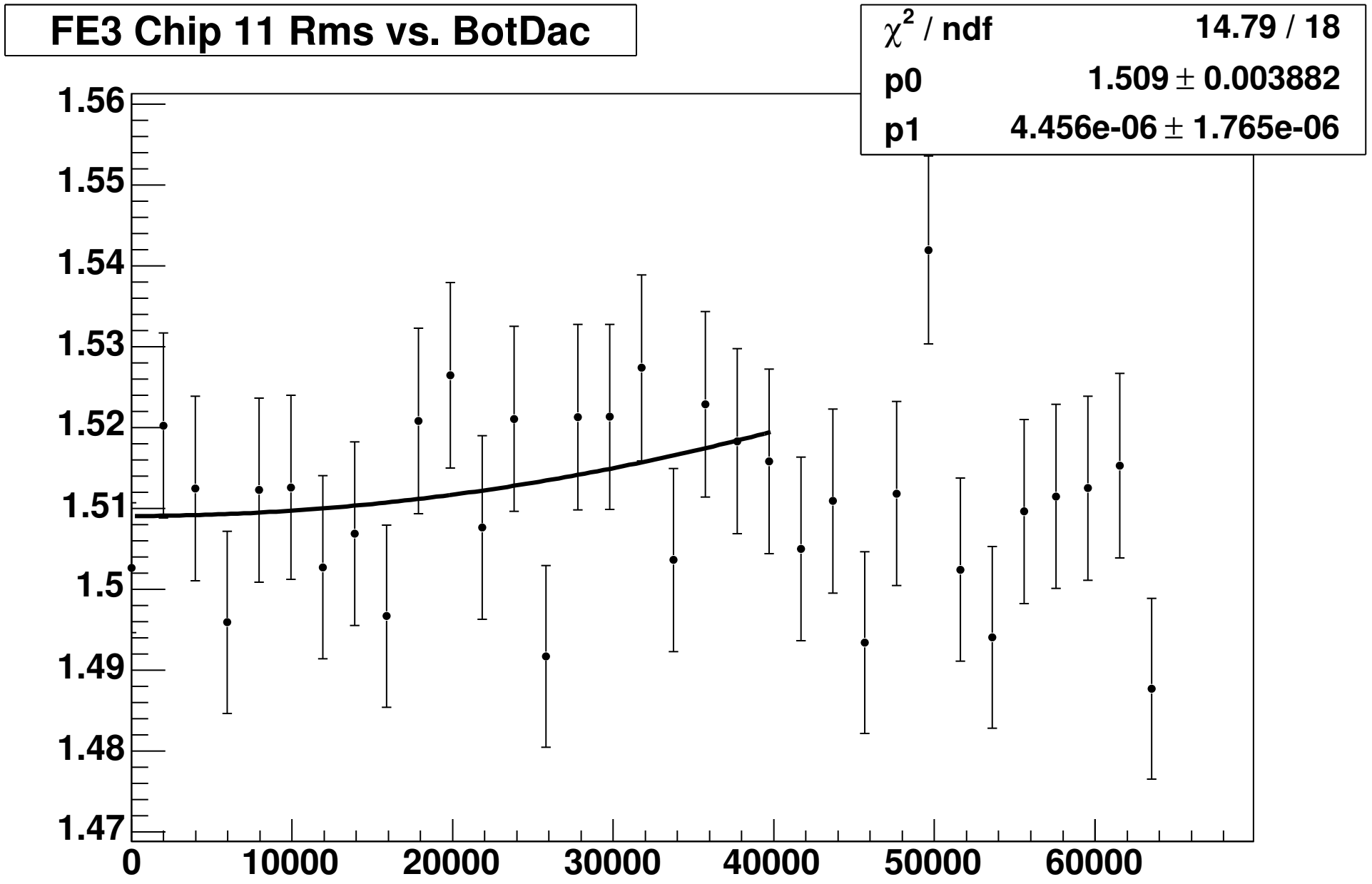
40000
50000
60000


FE3 Chip 11 Rms vs. BotDac
χ² / ndf 14.79 / 18
p0 1.509 ± 0.003882
p1 4.456e-06 ± 1.765e-06
1.56
1.55
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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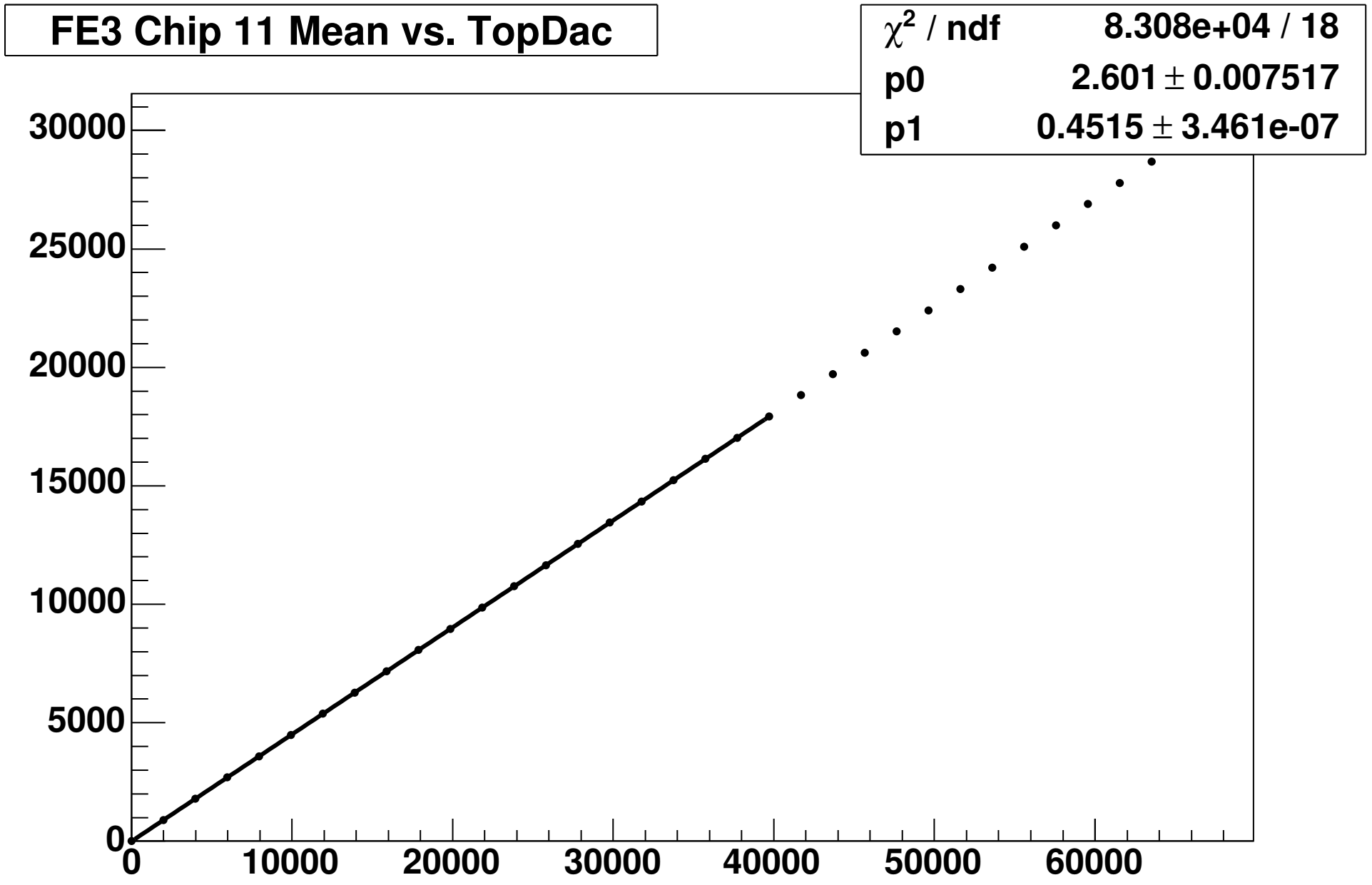
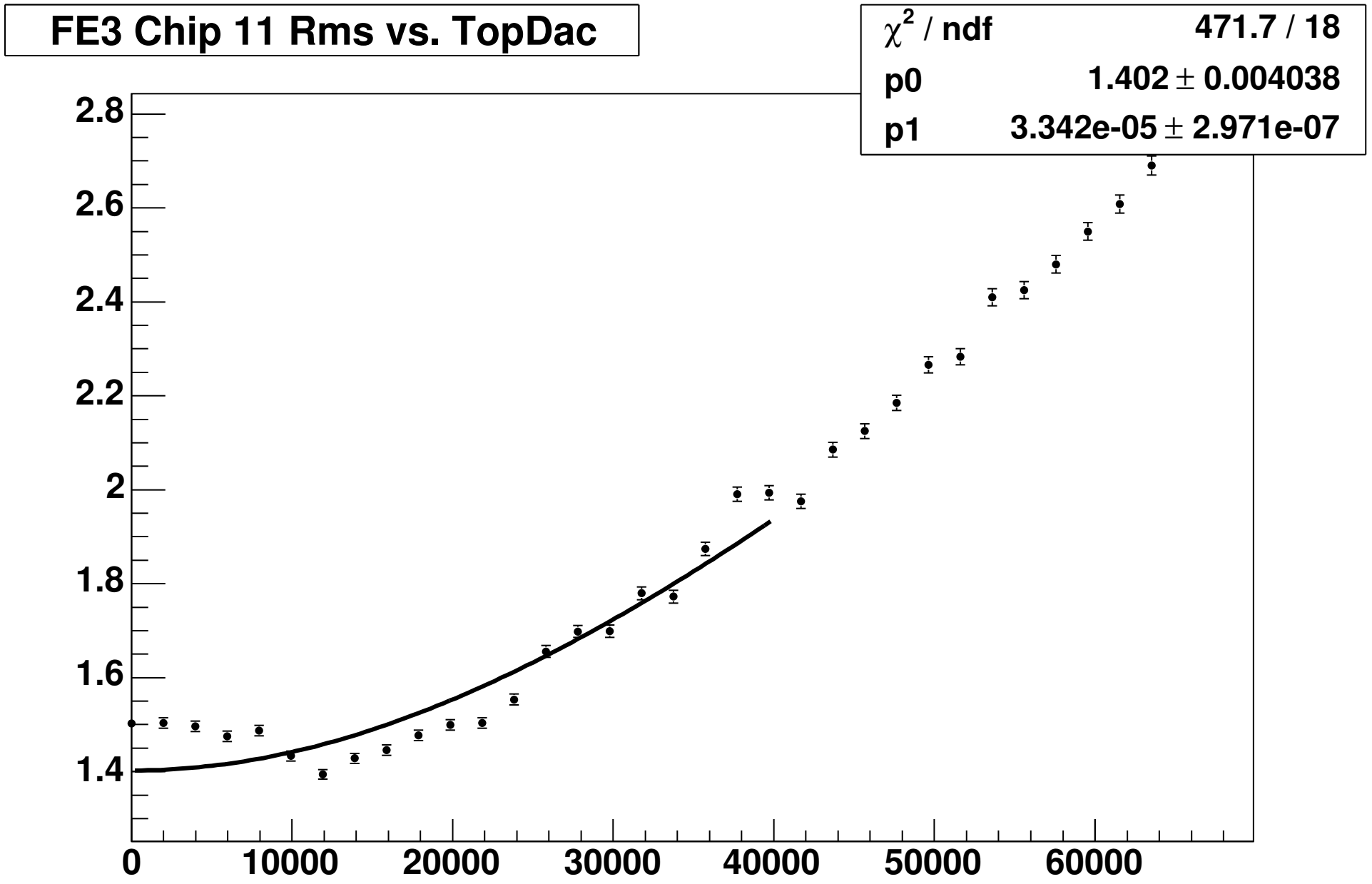

FE3 Chip 11 Mean vs. TopDac
χ² / ndf 8.308e+04 / 18
p0 2.601 ± 0.007517
p1 0.4515 ± 3.461e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE3 Chip 11 Rms vs. TopDac
χ² / ndf 471.7 / 18
p0 1.402 ± 0.004038
p1 3.342e-05 ± 2.971e-07
2.8
2.6
2.4
2.2
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1.8
1.6
1.4
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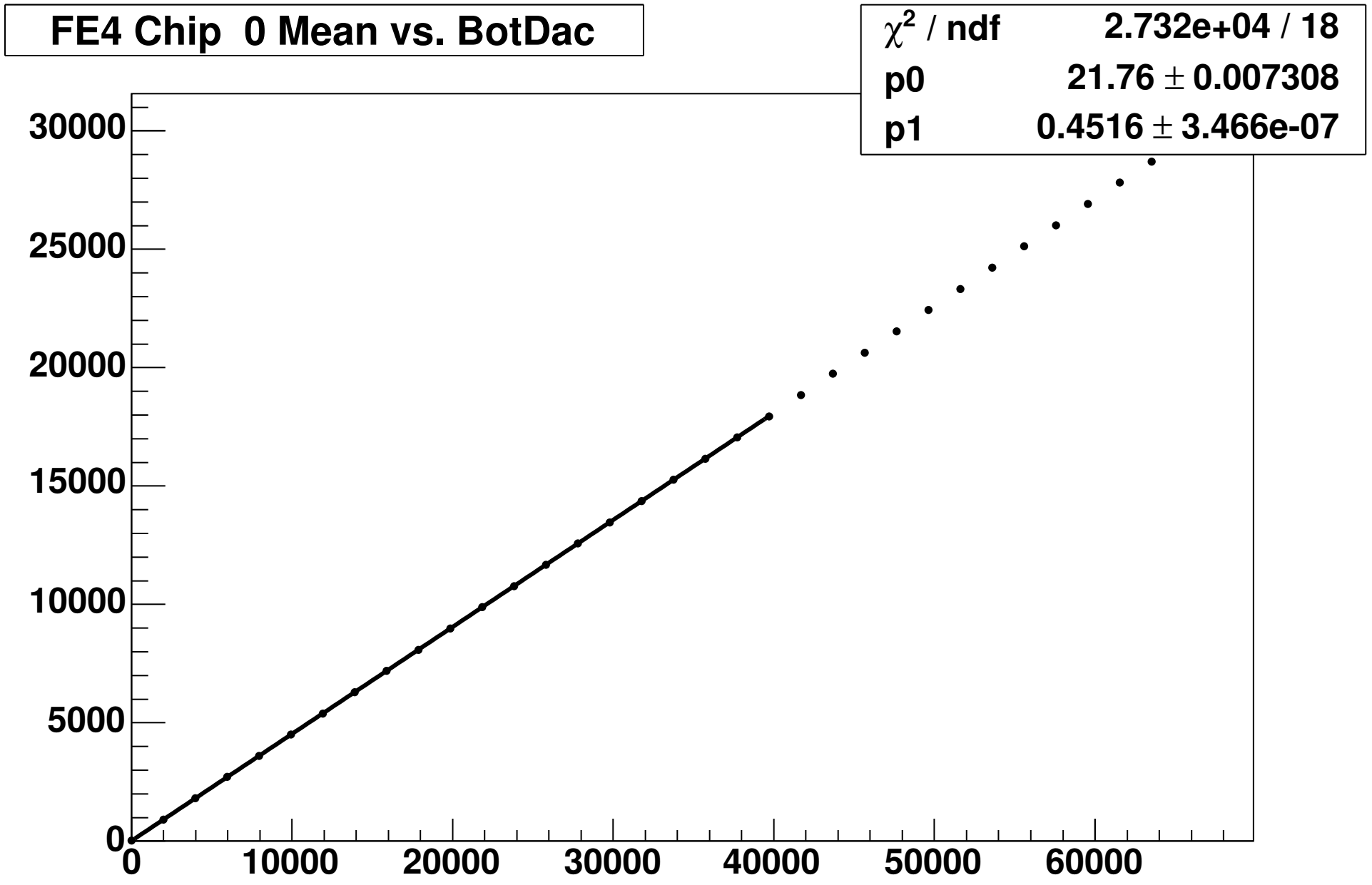
FE4 Chip 0 Mean vs. BotDac
χ² / ndf 2.732e+04 / 18
p0 21.76 ± 0.007308
p1 0.4516 ± 3.466e-07
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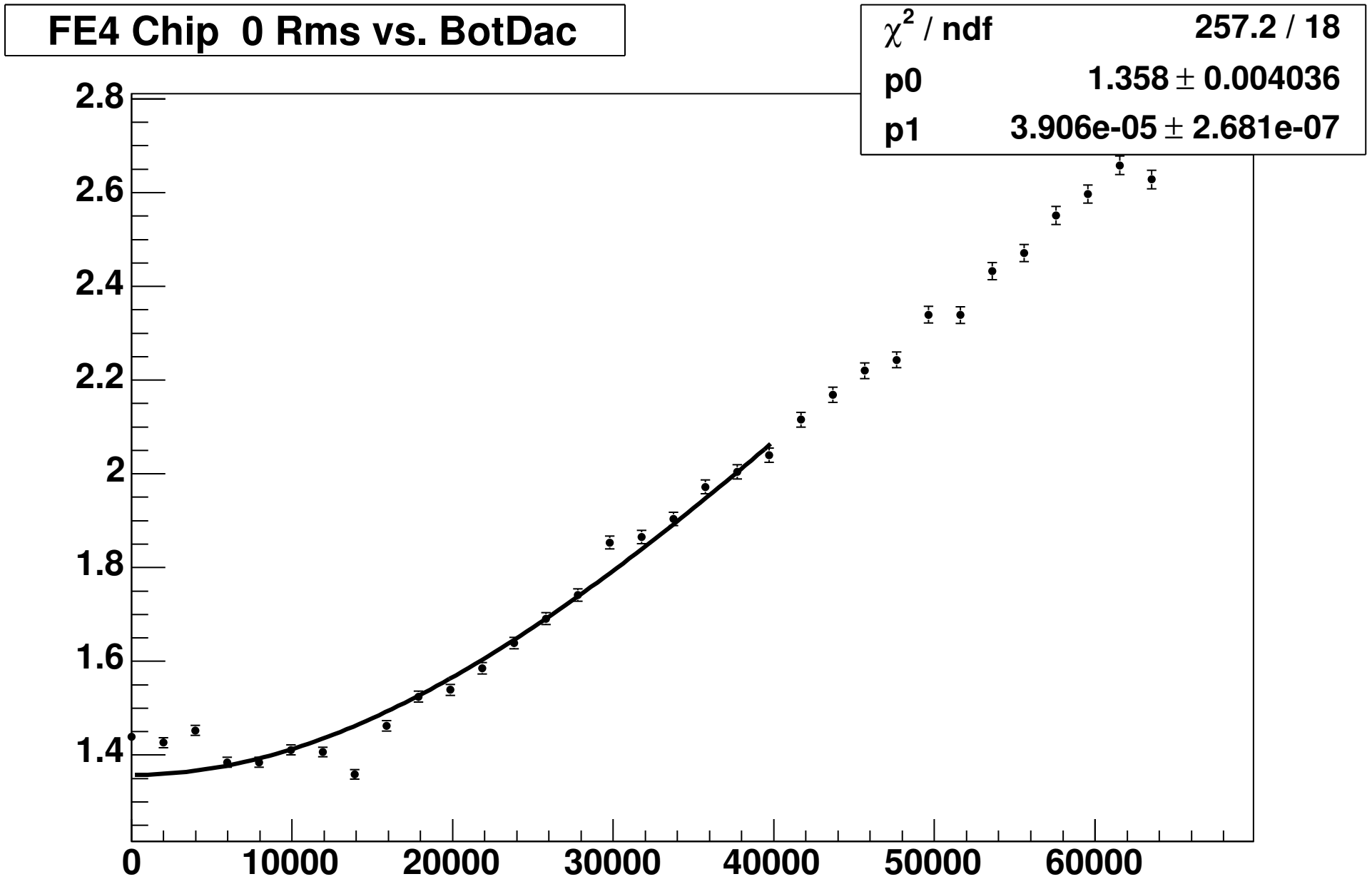
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 0 Rms vs. BotDac
χ² / ndf 257.2 / 18
p0 1.358 ± 0.004036
p1 3.906e-05 ± 2.681e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
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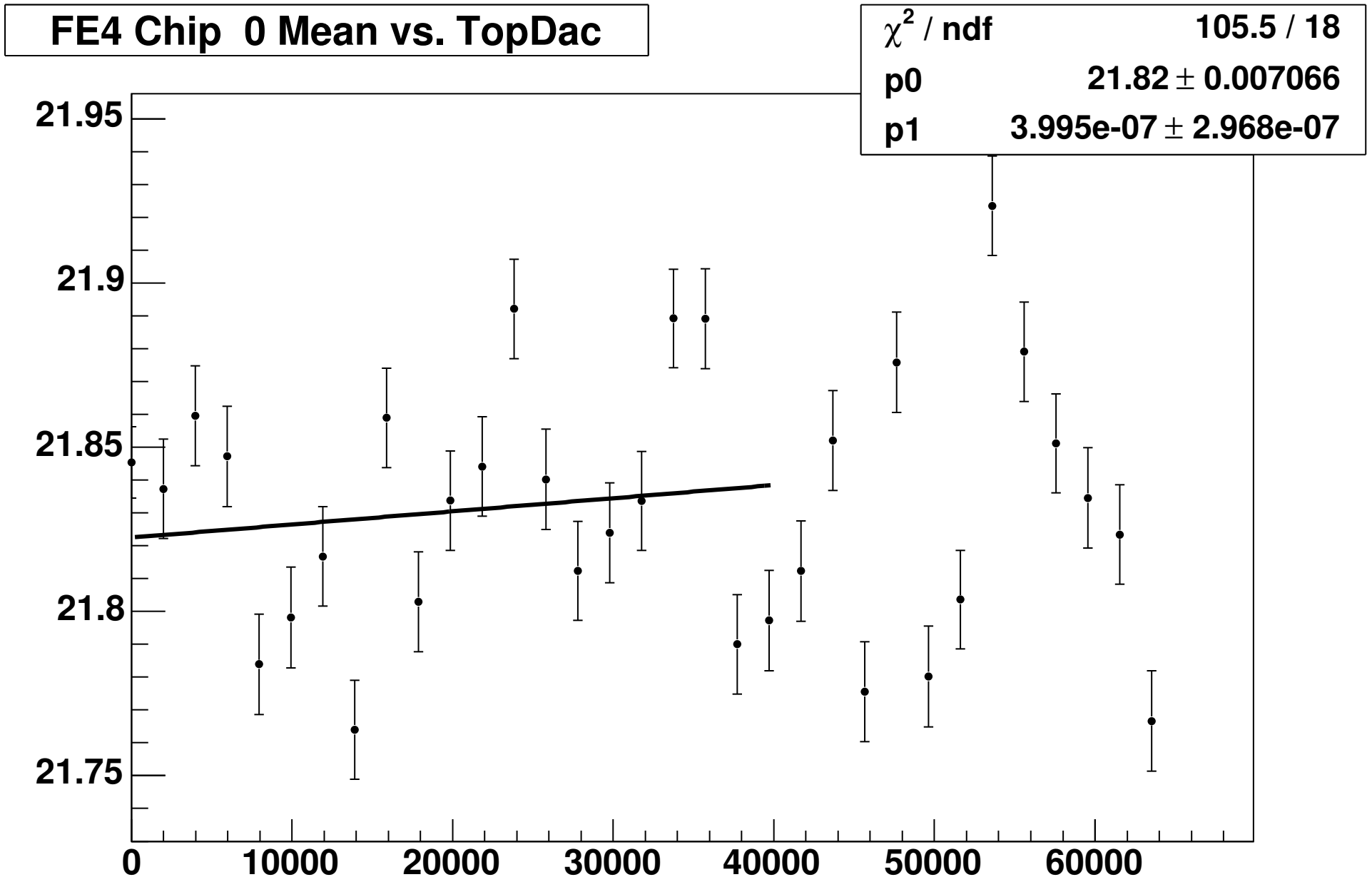
FE4 Chip 0 Mean vs. TopDac
χ² / ndf 105.5 / 18
p0 21.82 ± 0.007066
p1 3.995e-07 ± 2.968e-07
21.95
21.9
21.85
21.8
21.75
0
10000
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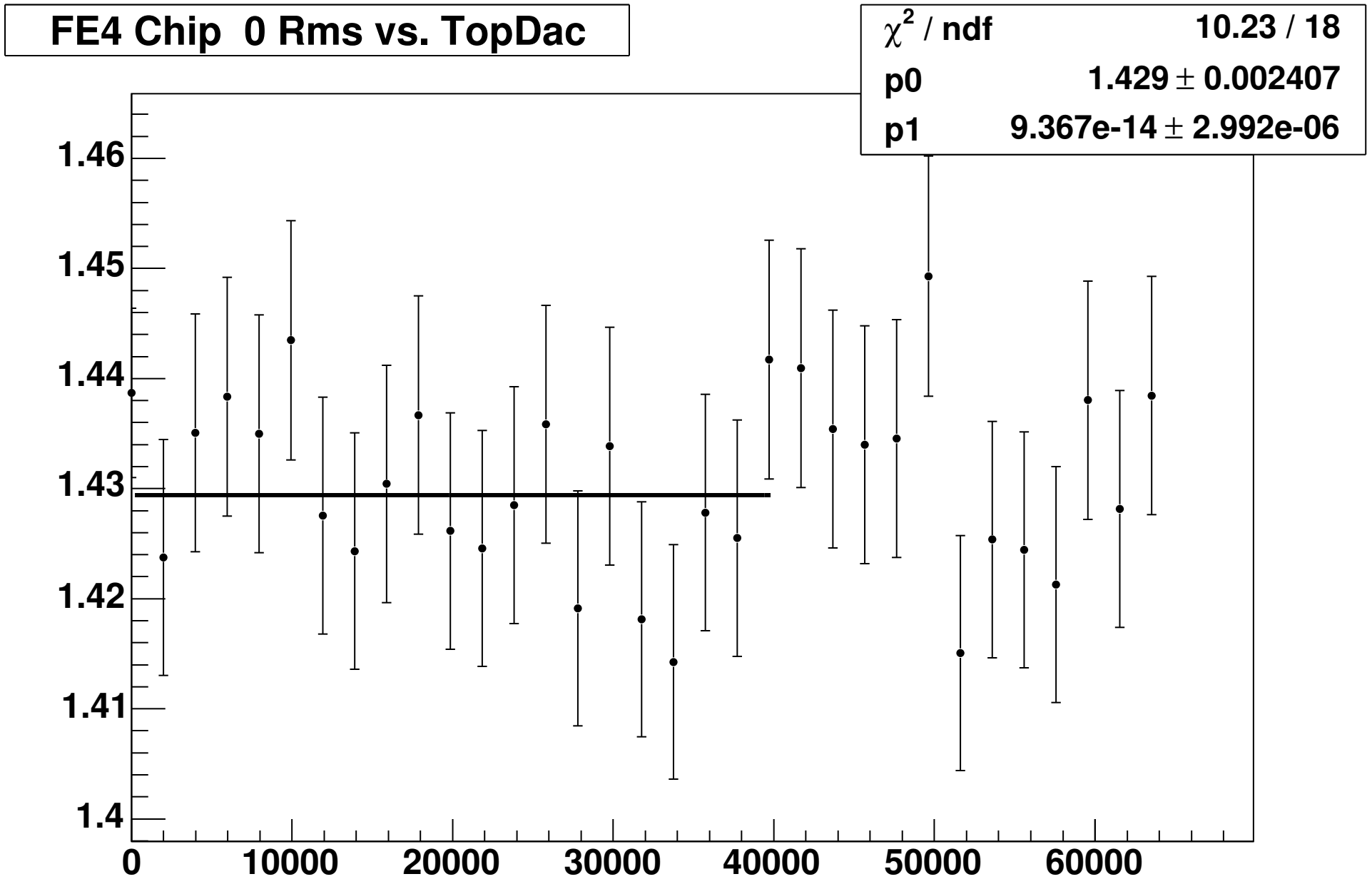
50000
60000


FE4 Chip 0 Rms vs. TopDac
χ² / ndf 10.23 / 18
p0 1.429 ± 0.002407
p1 9.367e-14 ± 2.992e-06
1.46
1.45
1.44
1.43
1.42
1.41
1.4
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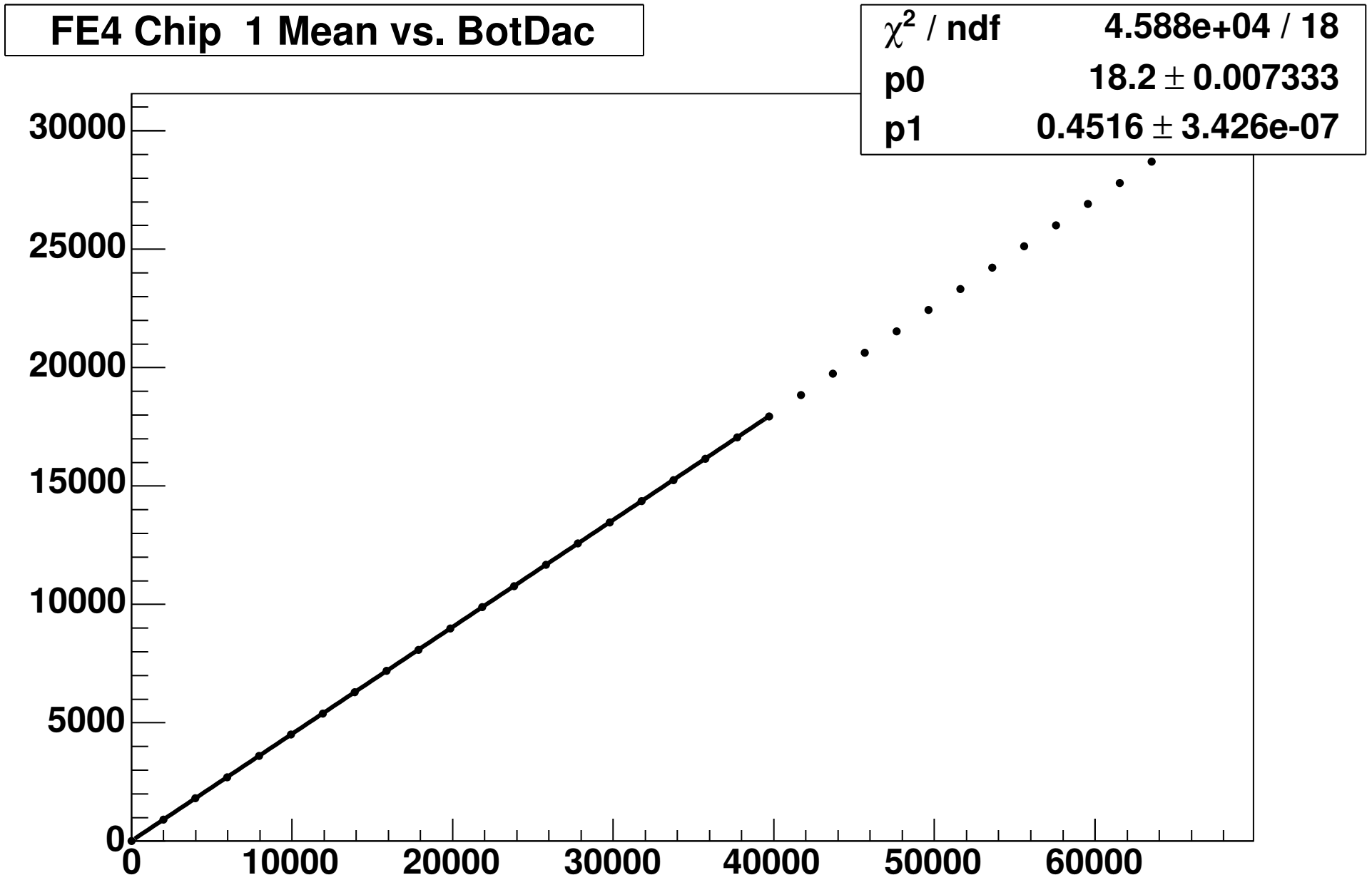
FE4 Chip 1 Mean vs. BotDac
χ² / ndf 4.588e+04 / 18
p0 18.2 ± 0.007333
p1 0.4516 ± 3.426e-07
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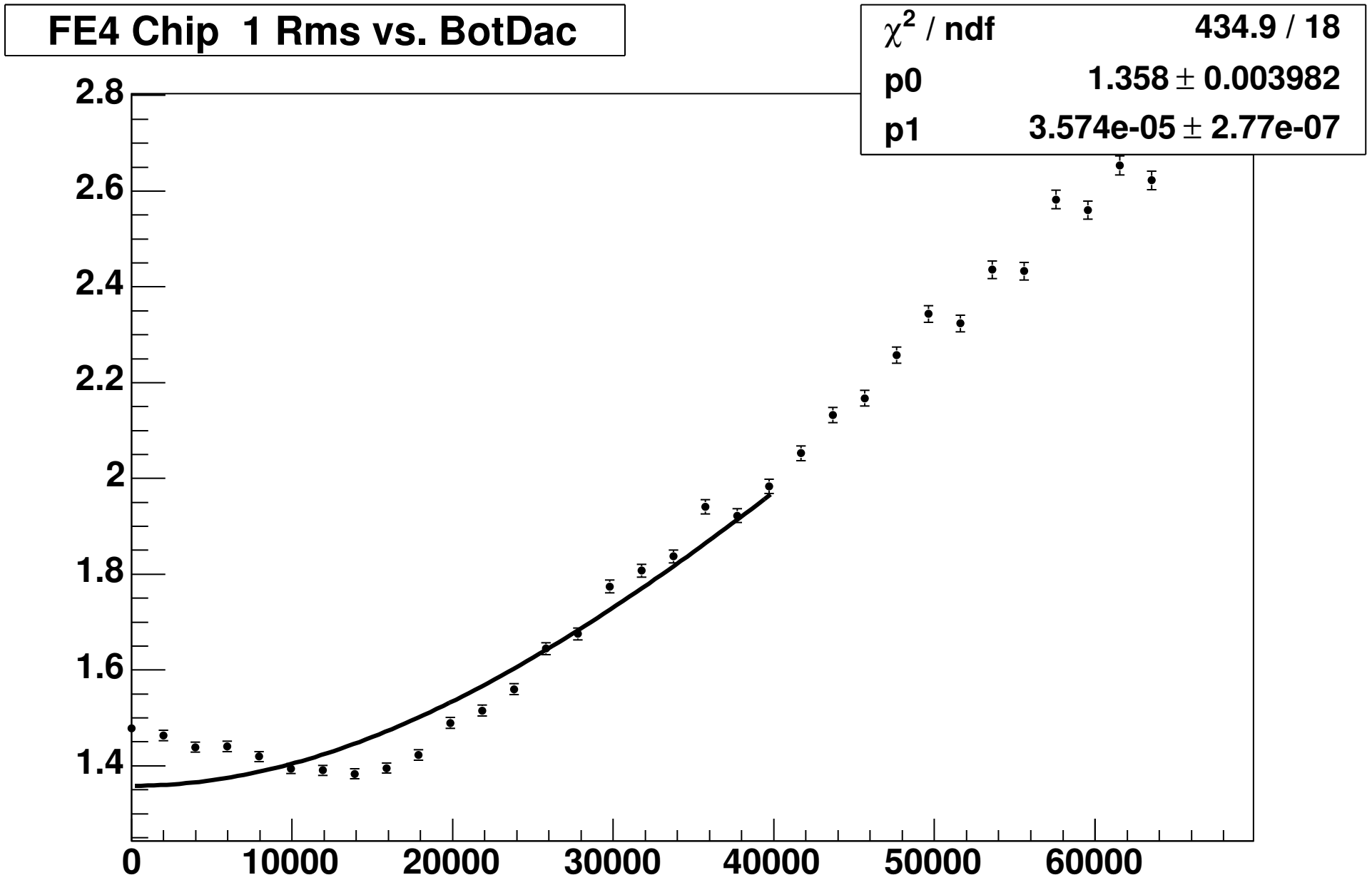
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 1 Rms vs. BotDac
χ² / ndf 434.9 / 18
p0 1.358 ± 0.003982
p1 3.574e-05 ± 2.77e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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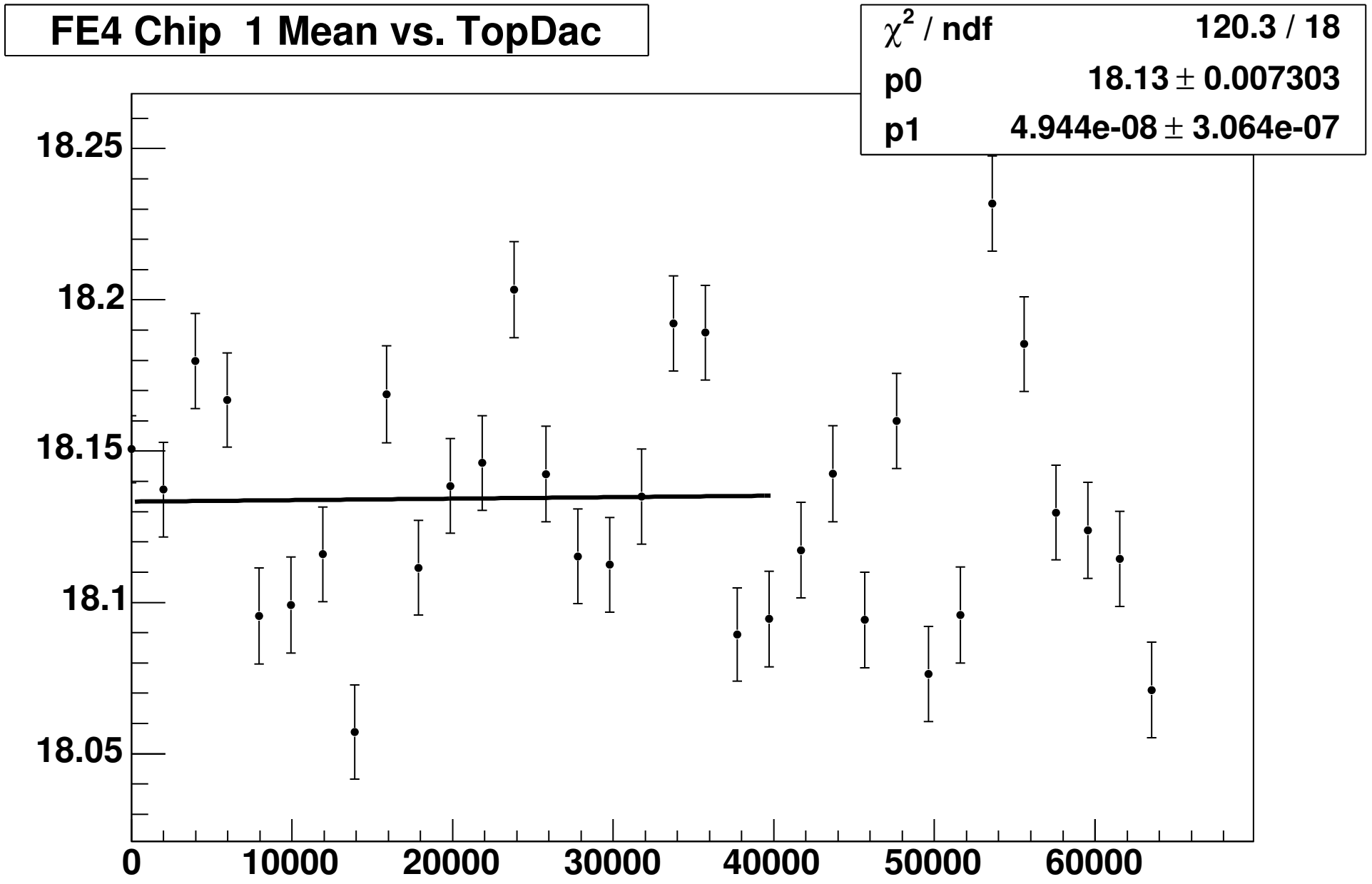
FE4 Chip 1 Mean vs. TopDac
χ² / ndf 120.3 / 18
p0 18.13 ± 0.007303
p1 4.944e-08 ± 3.064e-07
18.25
18.2
18.15
18.1
18.05
0
10000
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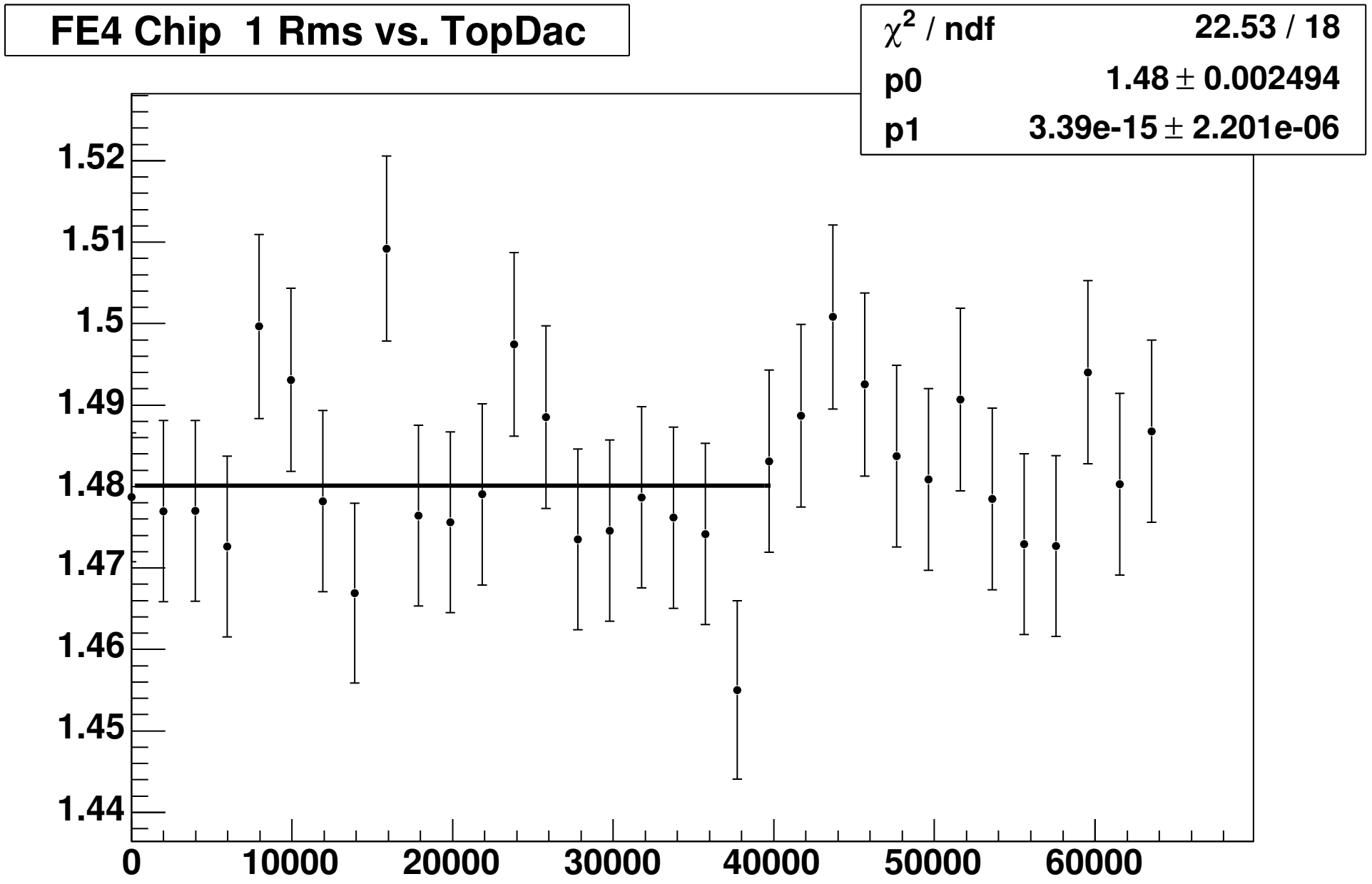
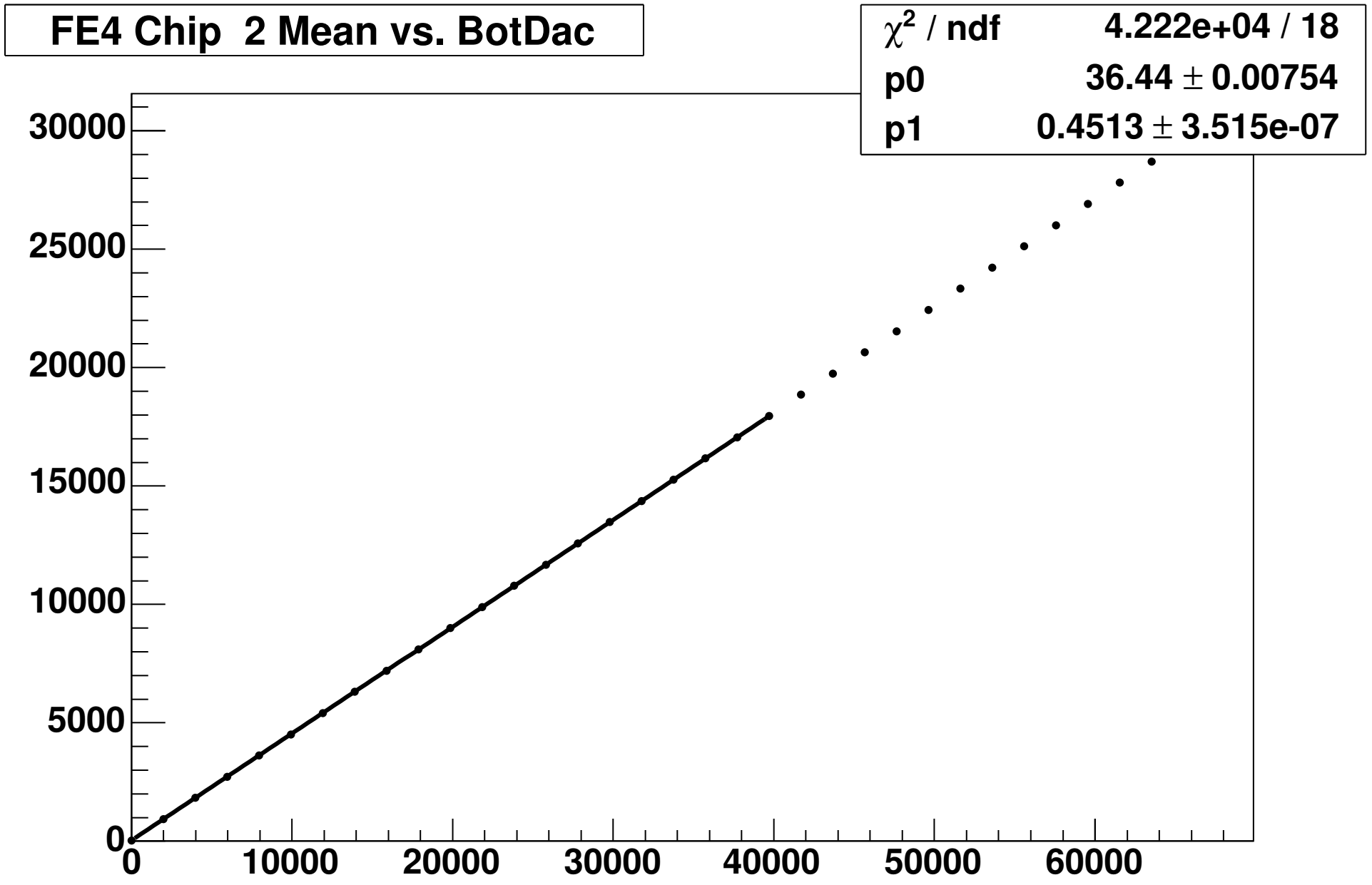
30000
40000
50000
60000


FE4 Chip 1 Rms vs. TopDac
χ² / ndf 22.53 / 18
p0 1.48 ± 0.002494
p1 3.39e-15 ± 2.201e-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


FE4 Chip 2 Mean vs. BotDac
χ² / ndf 4.222e+04 / 18
p0 36.44 ± 0.00754
p1 0.4513 ± 3.515e-07
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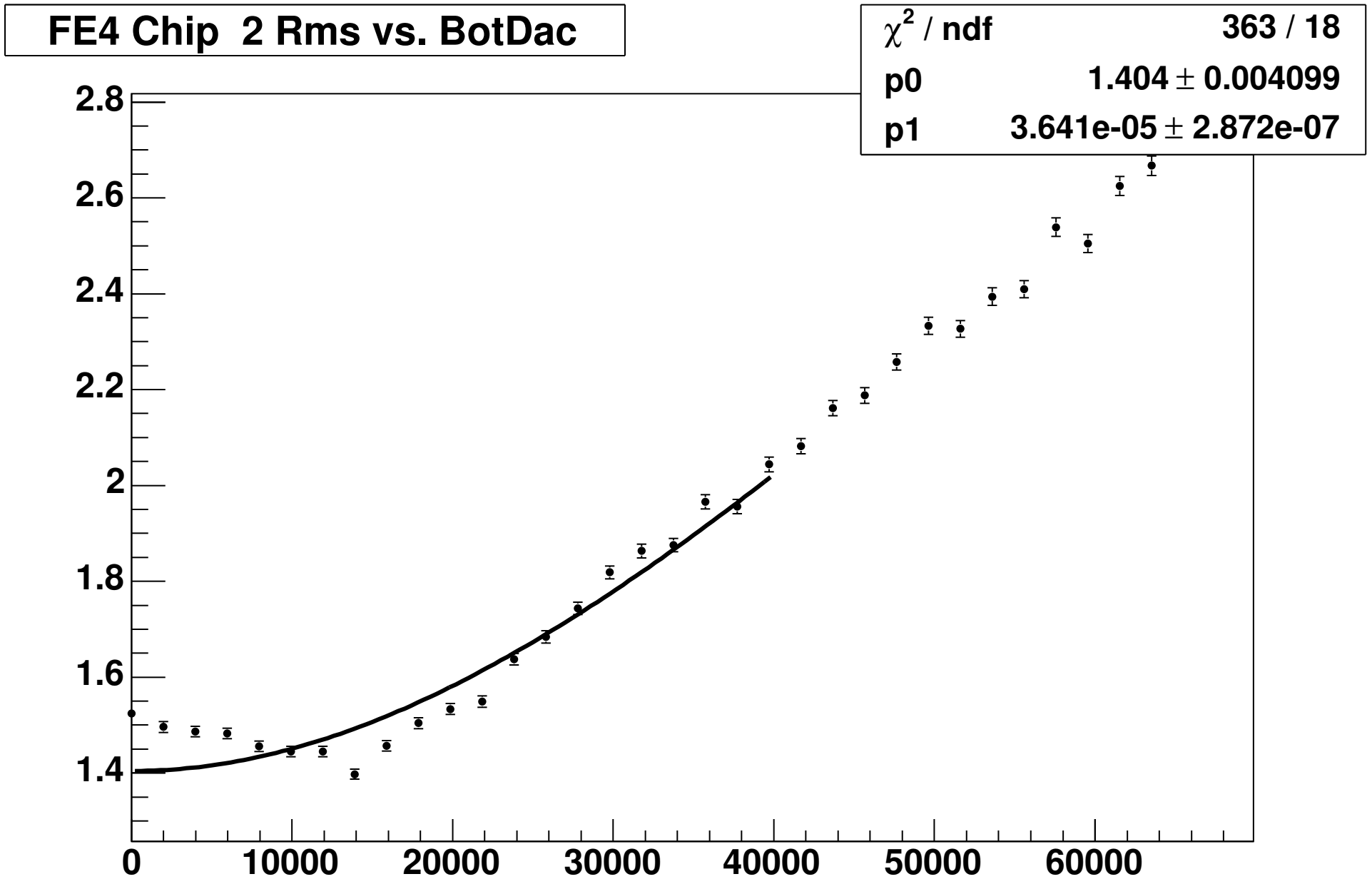
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 2 Rms vs. BotDac
χ² / ndf 363 / 18
p0 1.404 ± 0.004099
p1 3.641e-05 ± 2.872e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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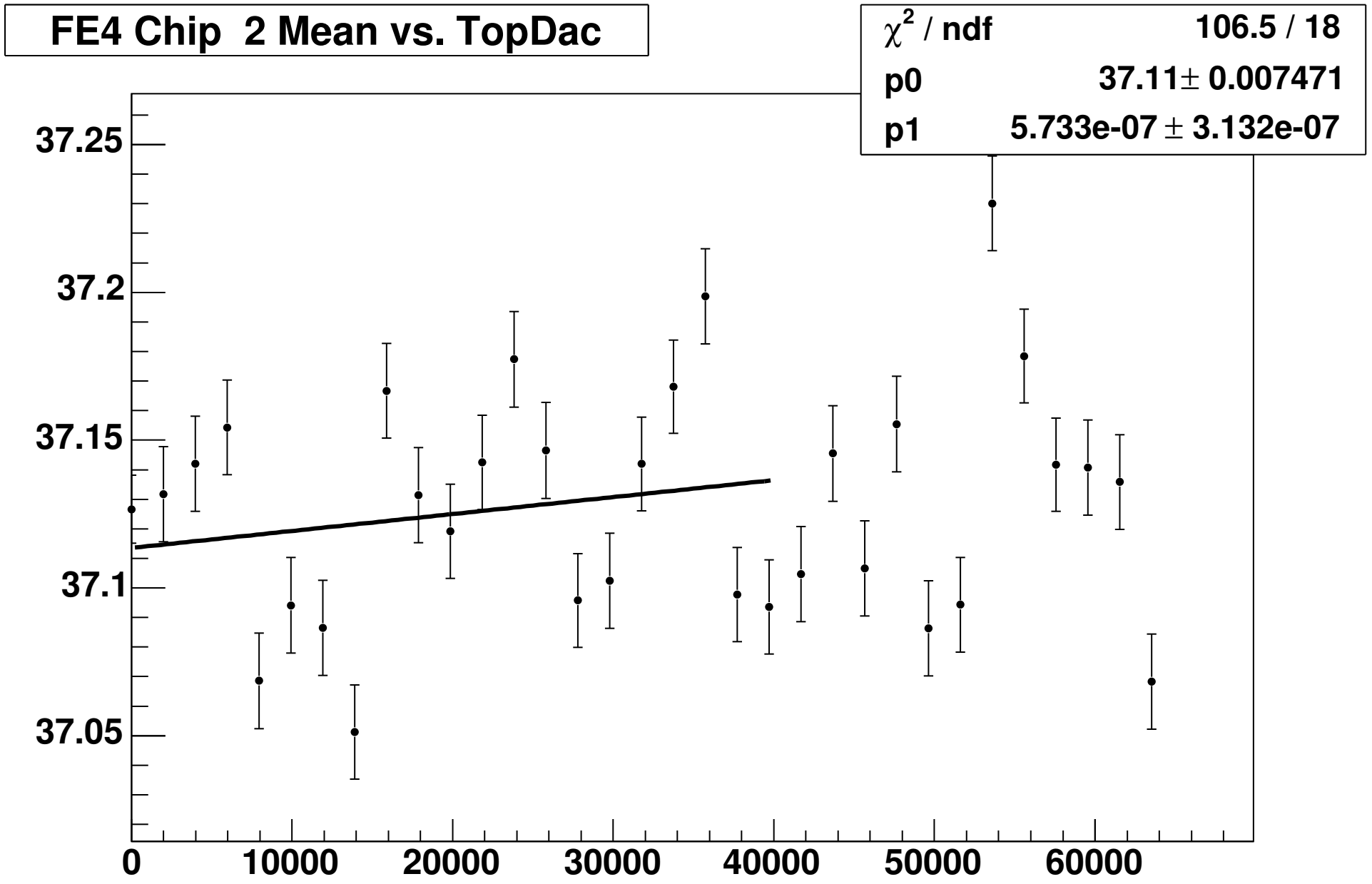
FE4 Chip 2 Mean vs. TopDac
χ² / ndf 106.5 / 18
p0 37.11 ± 0.007471
p1 5.733e-07 ± 3.132e-07
37.25
37.2
37.15
37.1
37.05
0
10000
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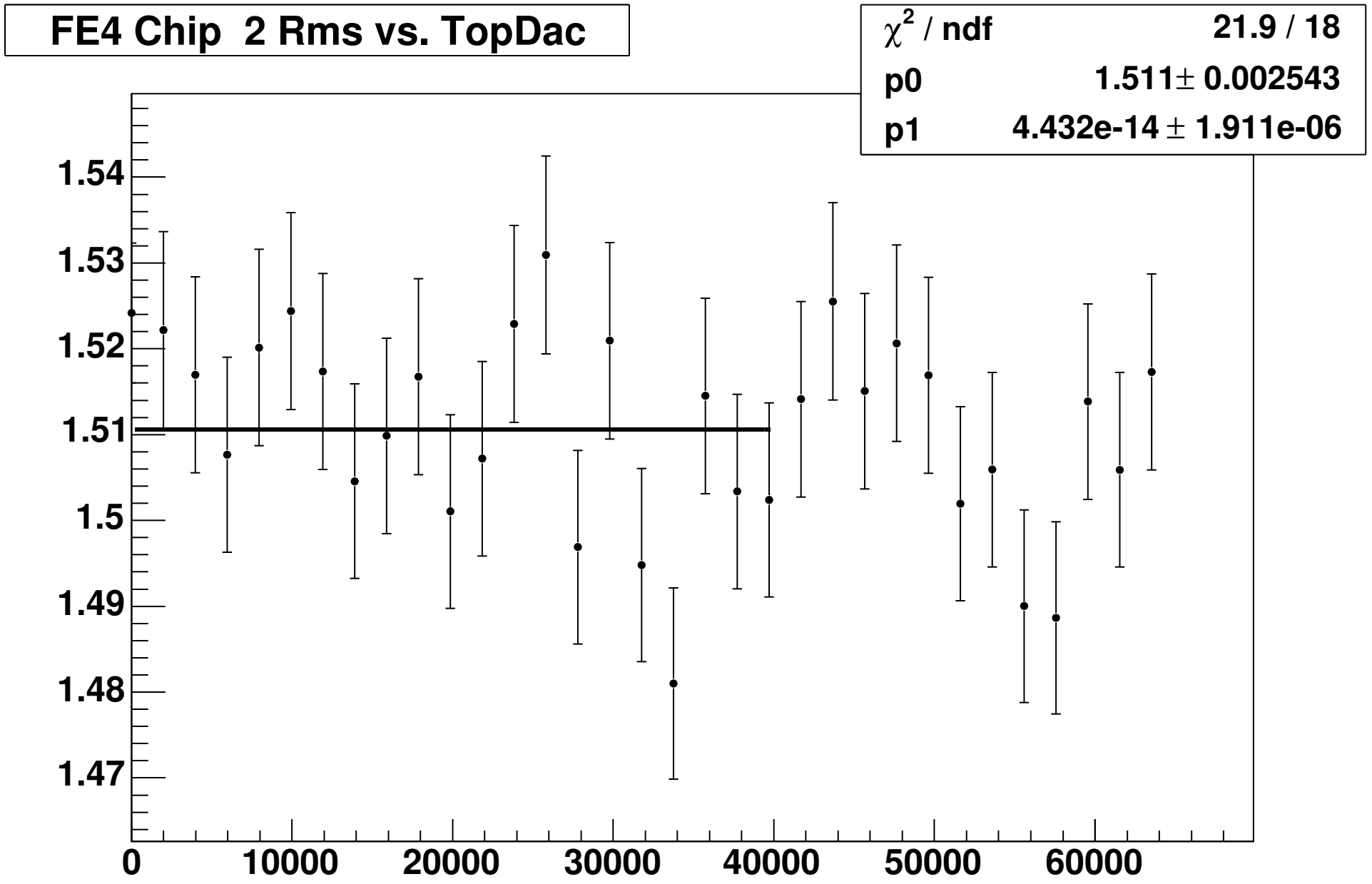
30000
40000
50000
60000


FE4 Chip 2 Rms vs. TopDac
χ² / ndf 21.9 / 18
p0 1.511 ± 0.002543
p1 4.432e-14 ± 1.911e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
0
10000
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30000
40000
50000
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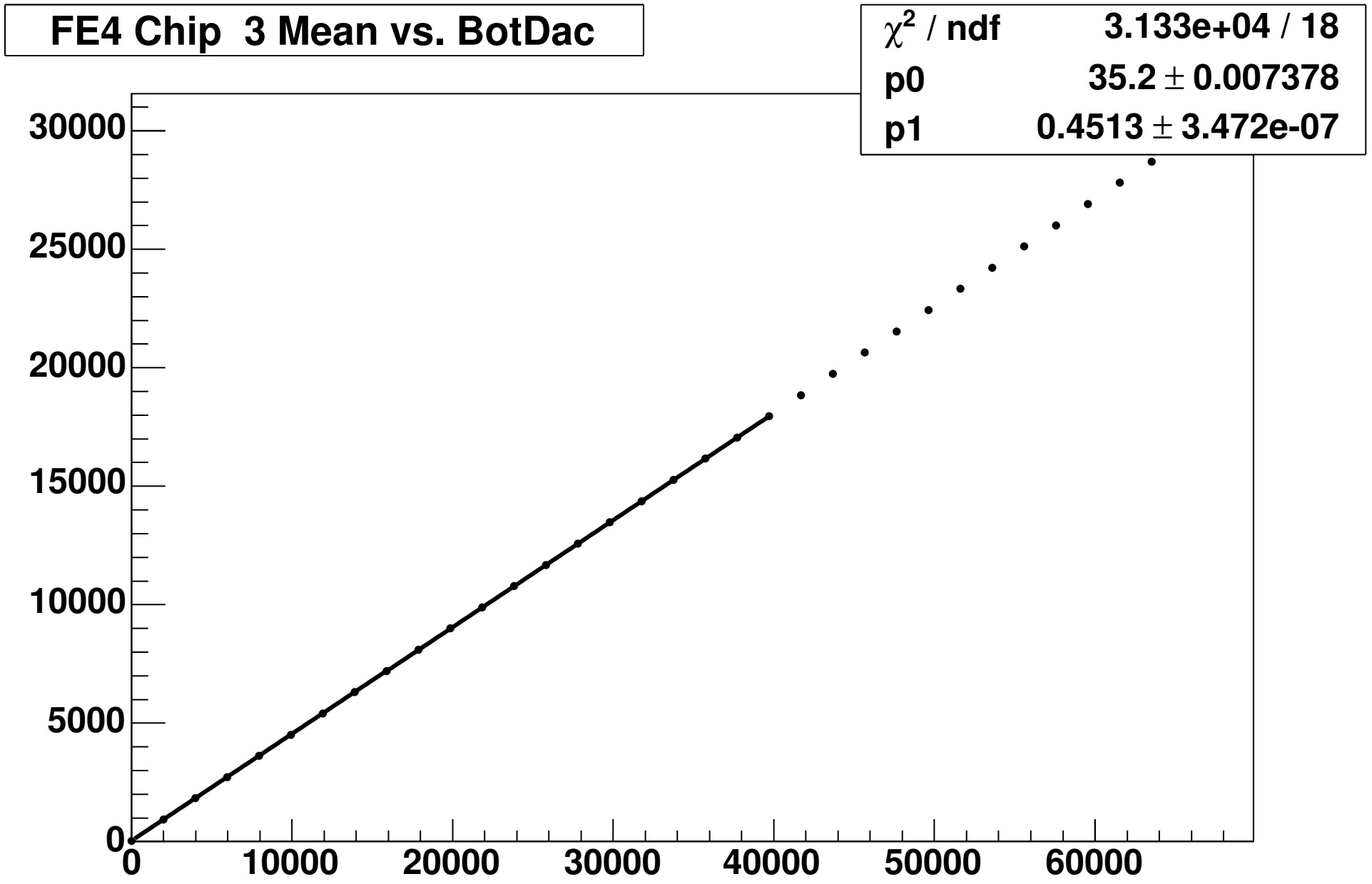
FE4 Chip 3 Mean vs. BotDac
χ² / ndf 3.133e+04 / 18
p0 35.2 ± 0.007378
p1 0.4513 ± 3.472e-07
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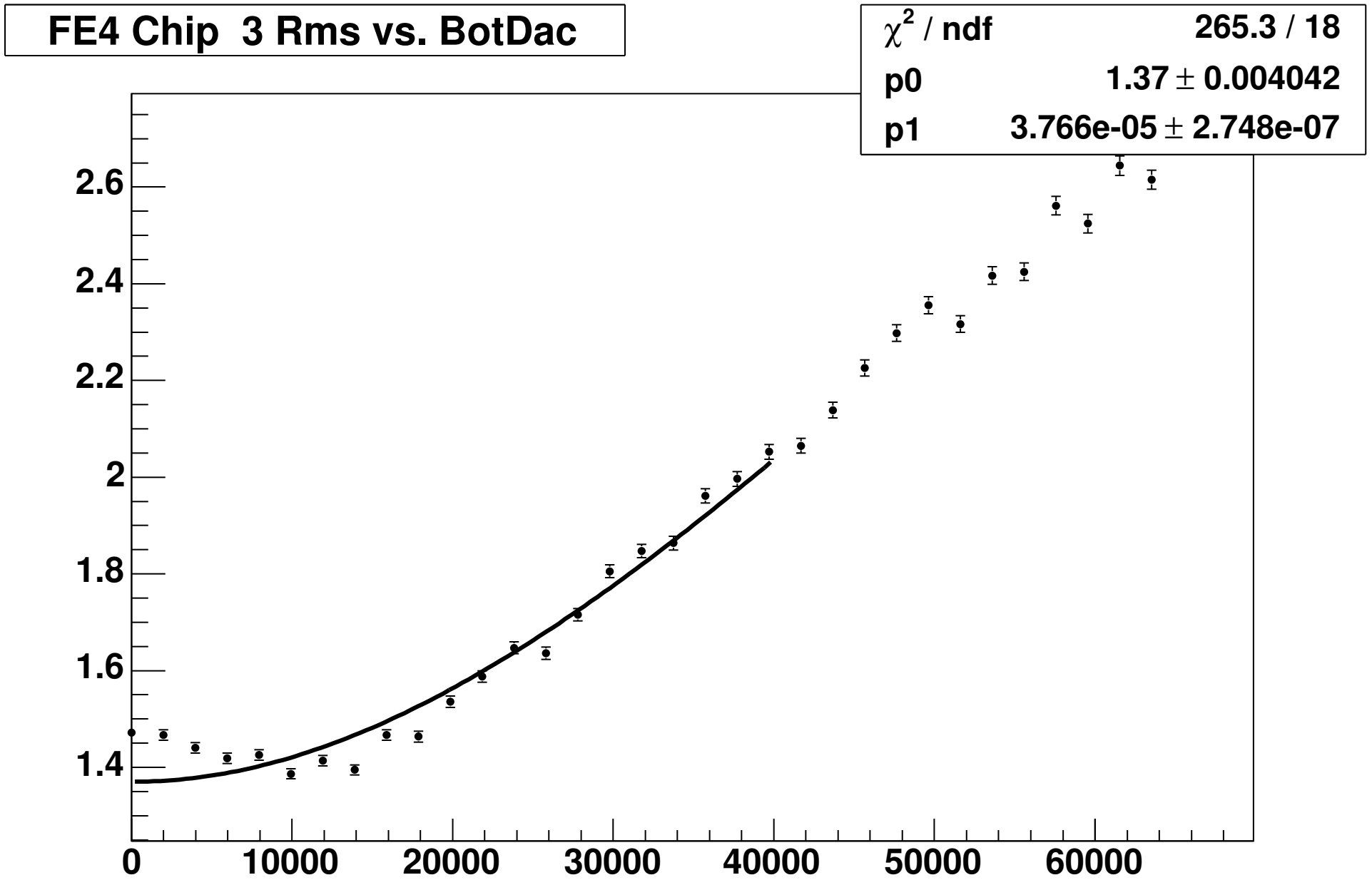
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 3 Rms vs. BotDac
χ² / ndf 265.3 / 18
p0 1.37 ± 0.004042
p1 3.766e-05 ± 2.748e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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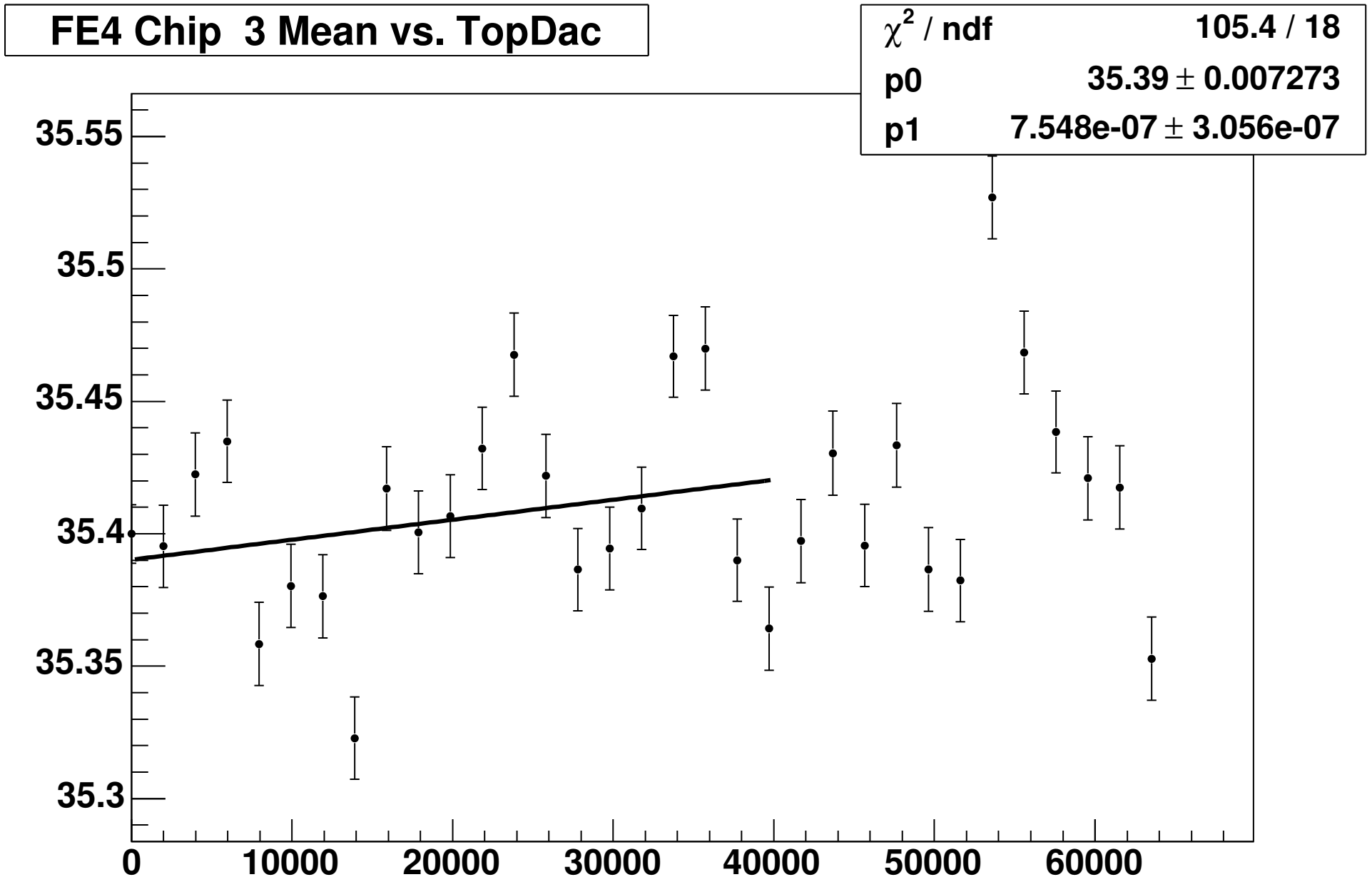
FE4 Chip 3 Mean vs. TopDac
χ² / ndf 105.4 / 18
p0 35.39 ± 0.007273
p1 7.548e-07 ± 3.056e-07
35.55
35.5
35.45
35.4
35.35
35.3
0
10000
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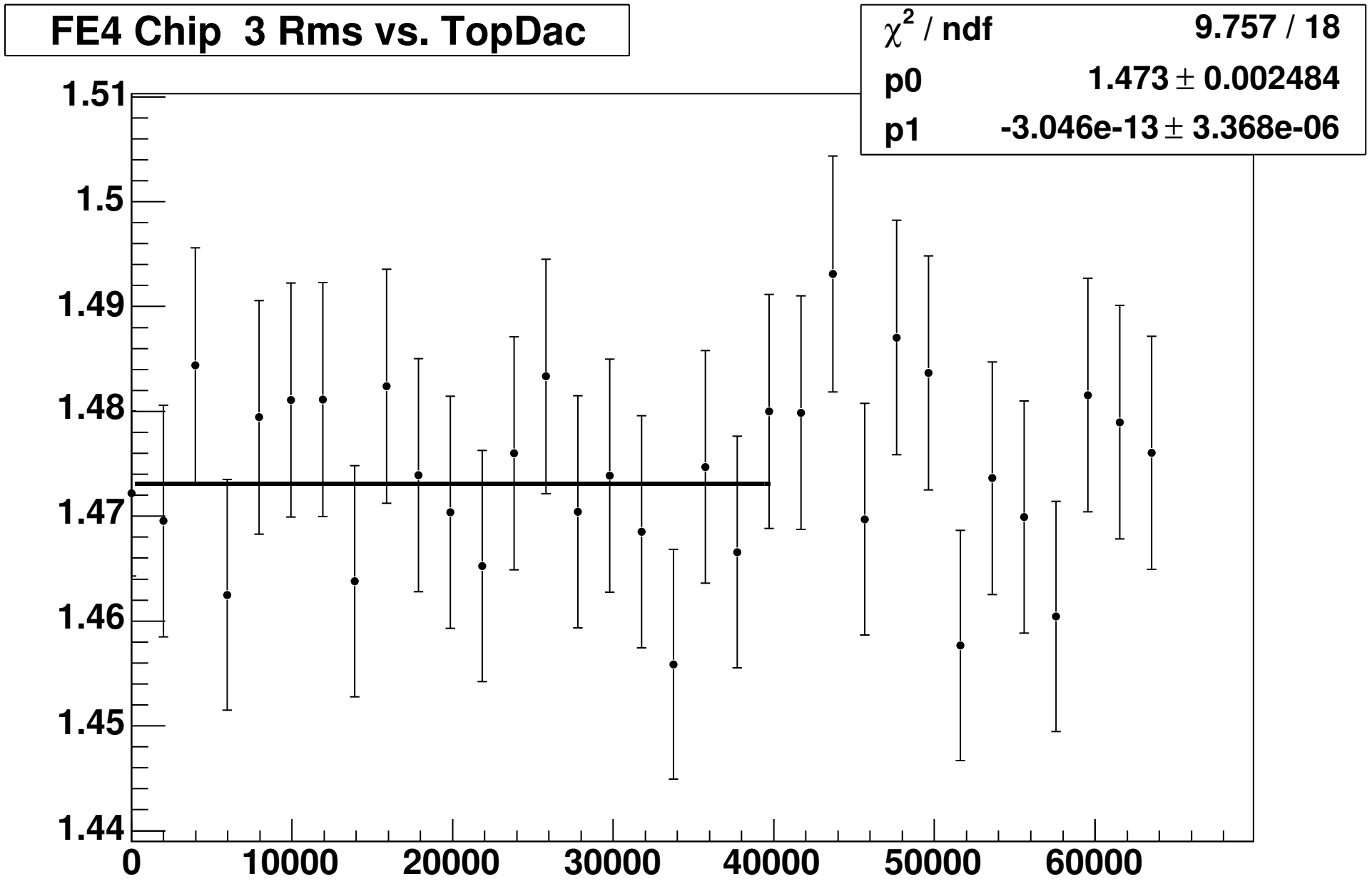
30000
40000
50000
60000


FE4 Chip 3 Rms vs. TopDac
χ² / ndf 9.757 / 18
p0 1.473 ± 0.002484
p1 -3.046e-13 ± 3.368e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
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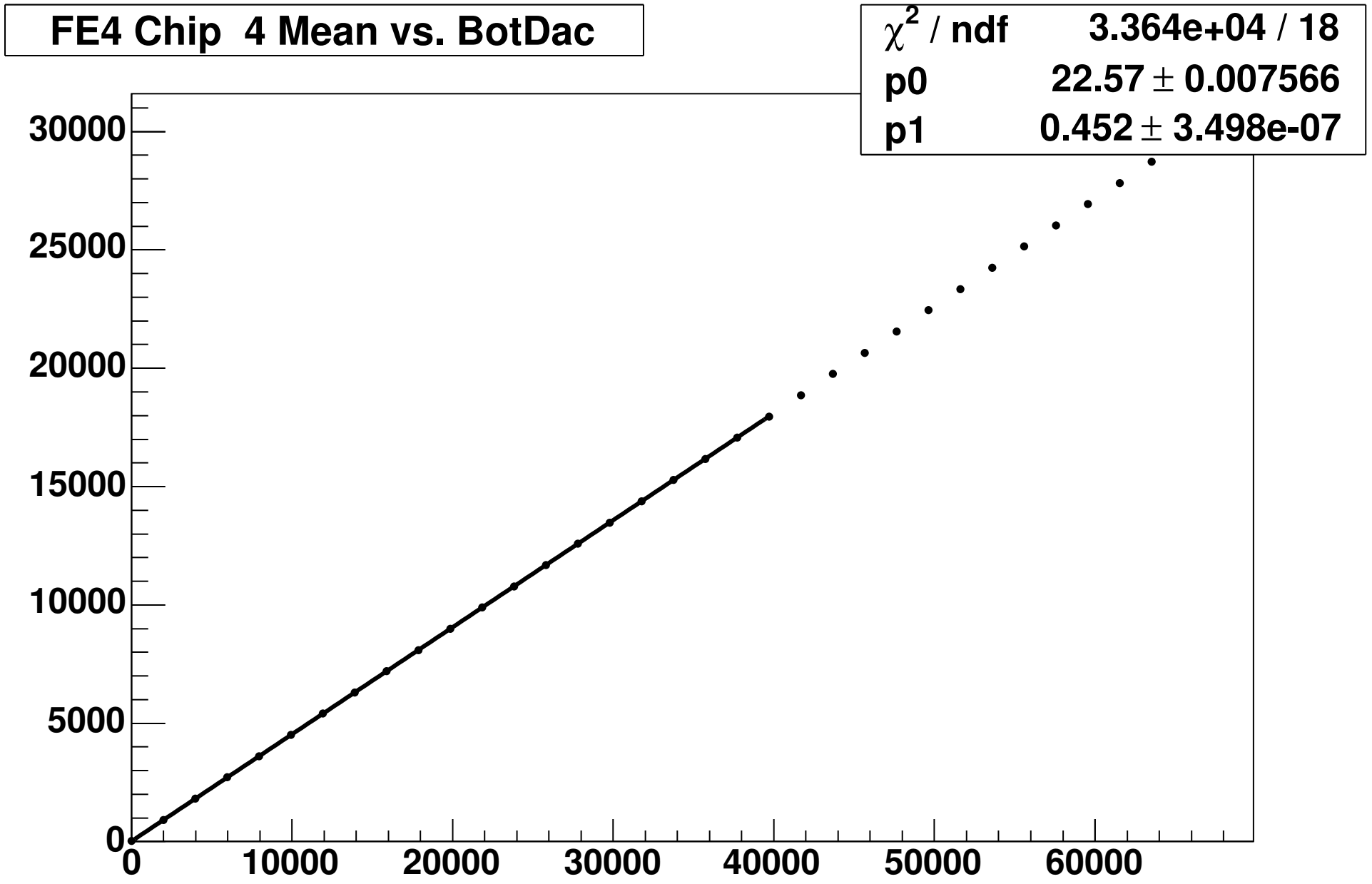
30000
40000
50000
60000


FE4 Chip 4 Mean vs. BotDac
χ² / ndf 3.364e+04 / 18
p0 22.57 ± 0.007566
p1 0.452 ± 3.498e-07
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25000
20000
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10000
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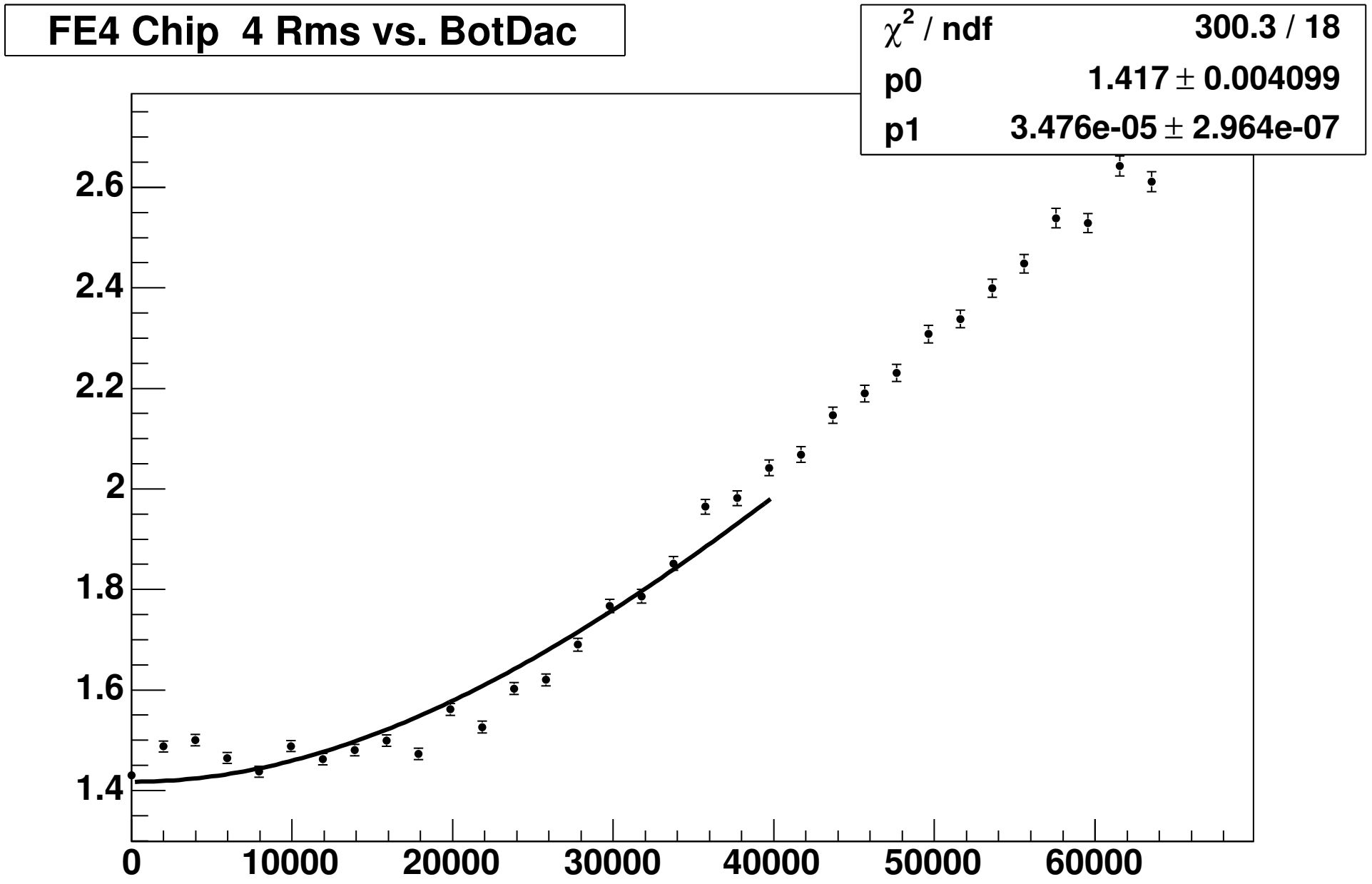
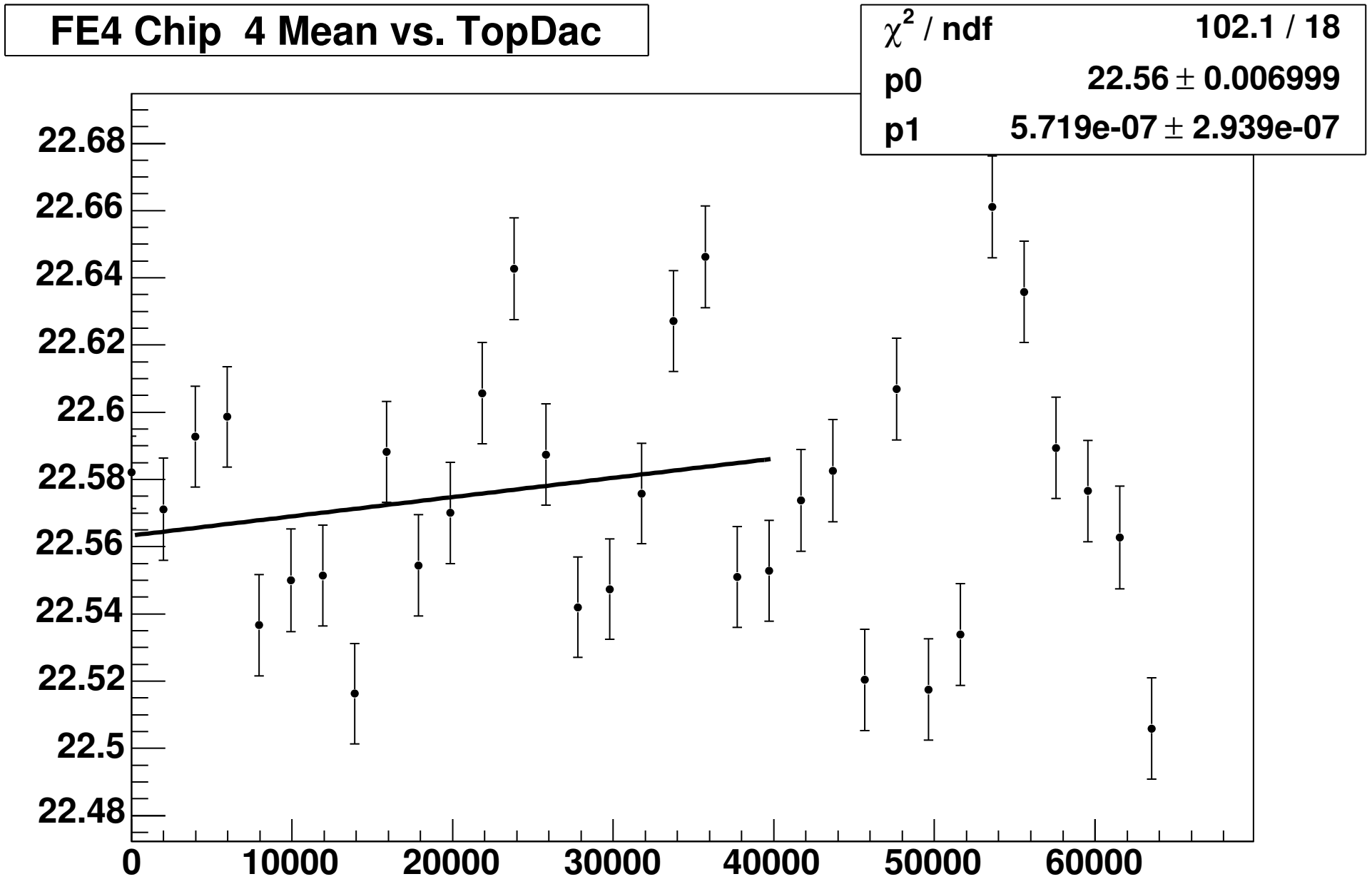
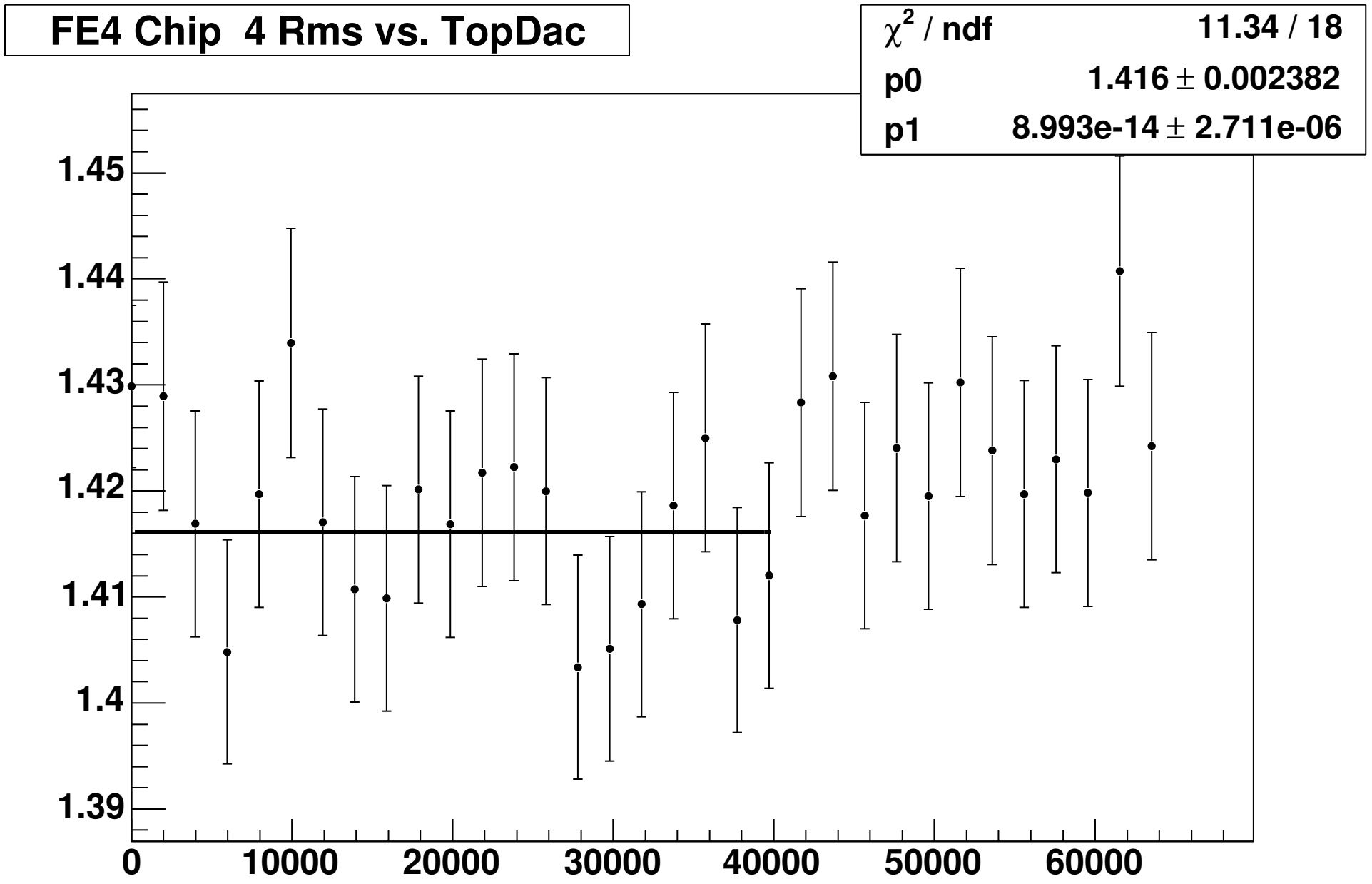
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 4 Rms vs. BotDac
χ² / ndf 300.3 / 18
p0 1.417 ± 0.004099
p1 3.476e-05 ± 2.964e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000


FE4 Chip 4 Mean vs. TopDac
χ² / ndf 102.1 / 18
p0 22.56 ± 0.006999
p1 5.719e-07 ± 2.939e-07
22.68
22.66
22.64
22.62
22.6
22.58
22.56
22.54
22.52
22.5
22.48
0
10000
20000
30000
40000
50000
60000


FE4 Chip 4 Rms vs. TopDac
χ² / ndf 11.34 / 18
p0 1.416 ± 0.002382
p1 8.993e-14 ± 2.711e-06
1.45
1.44
1.43
1.42
1.41
1.4
1.39
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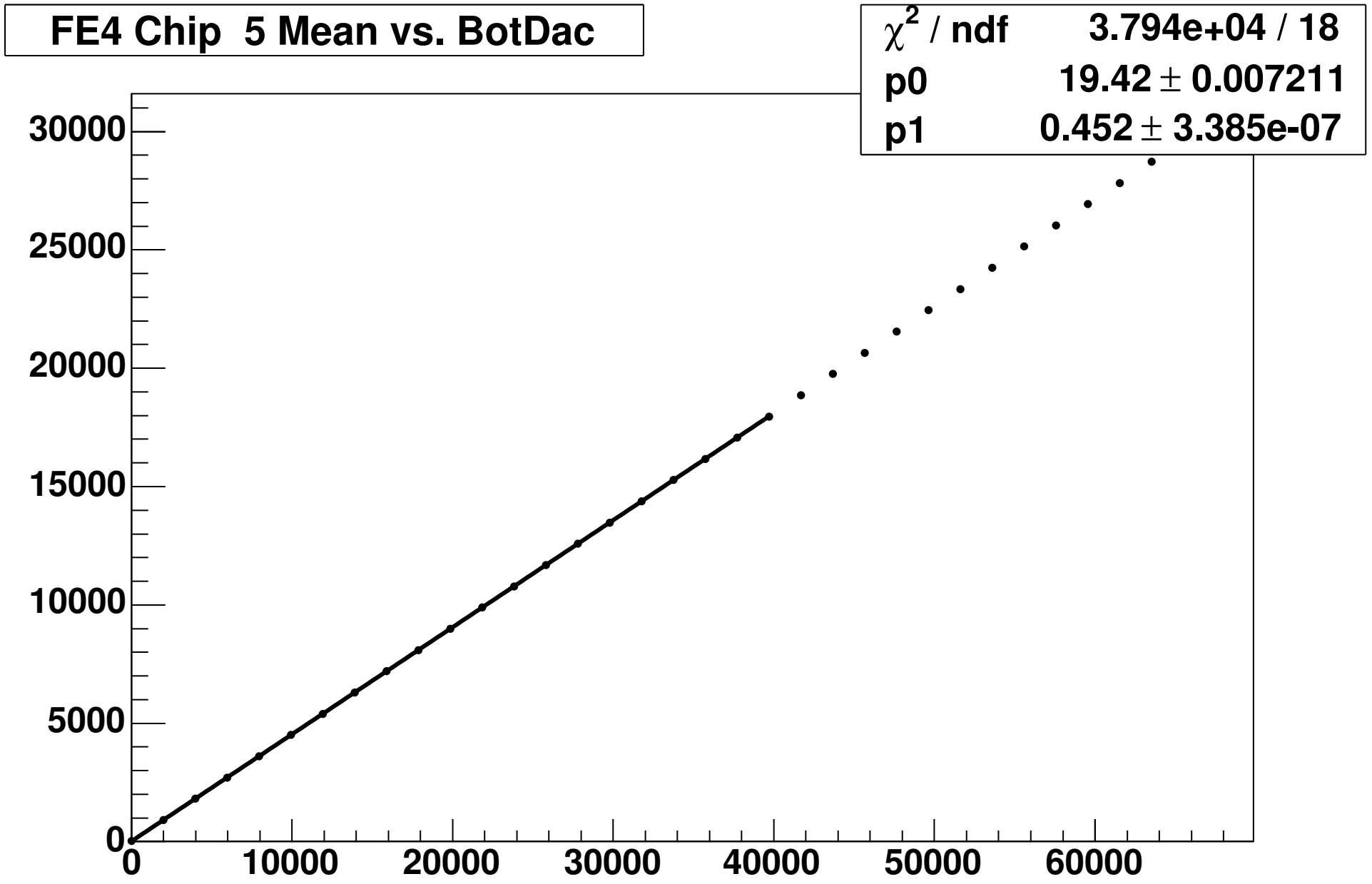
10000
20000
30000
40000
50000
60000


FE4 Chip 5 Mean vs. BotDac
χ² / ndf 3.794e+04 / 18
p0 19.42 ± 0.007211
p1 0.452 ± 3.385e-07
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25000
20000
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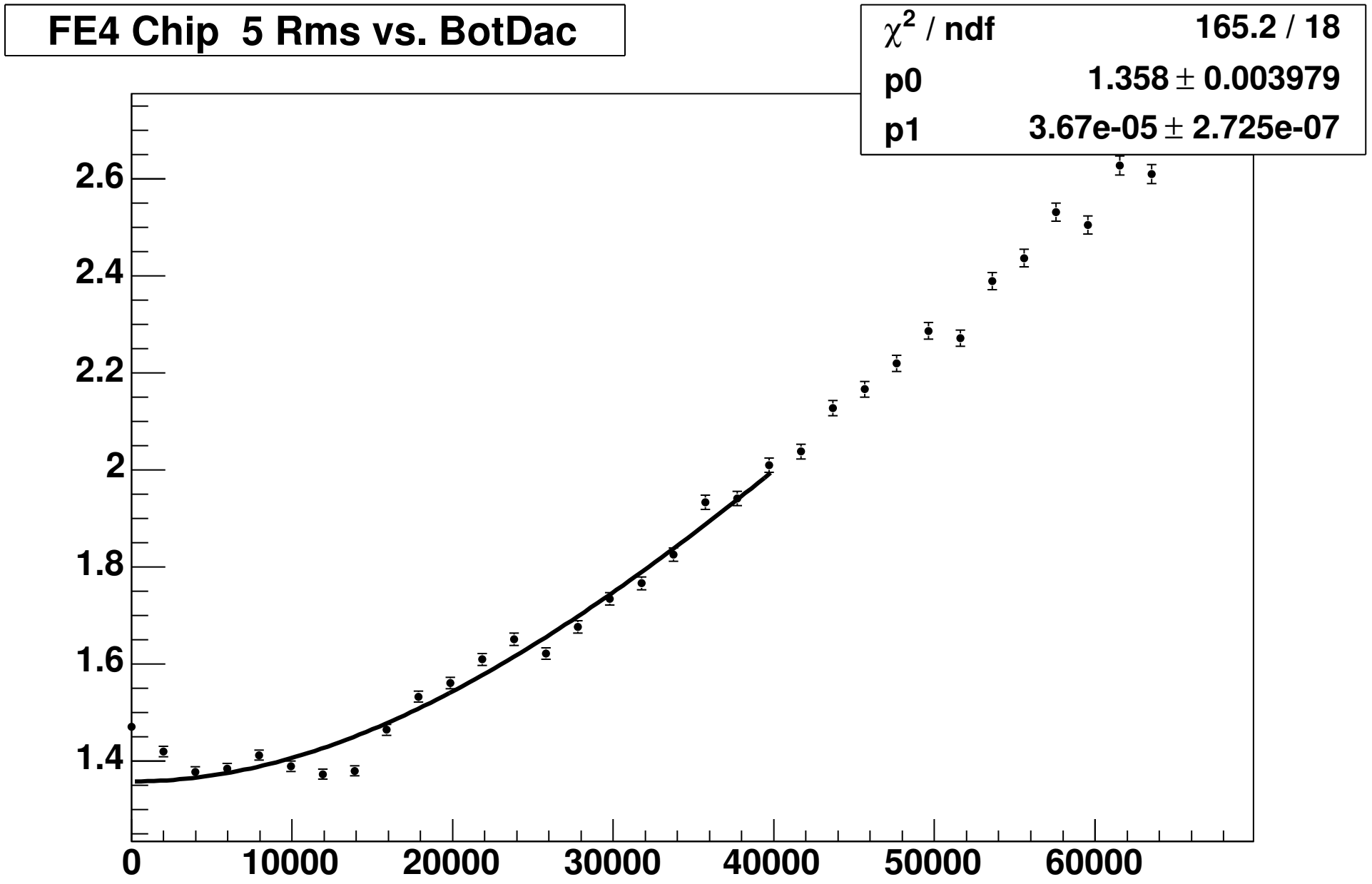
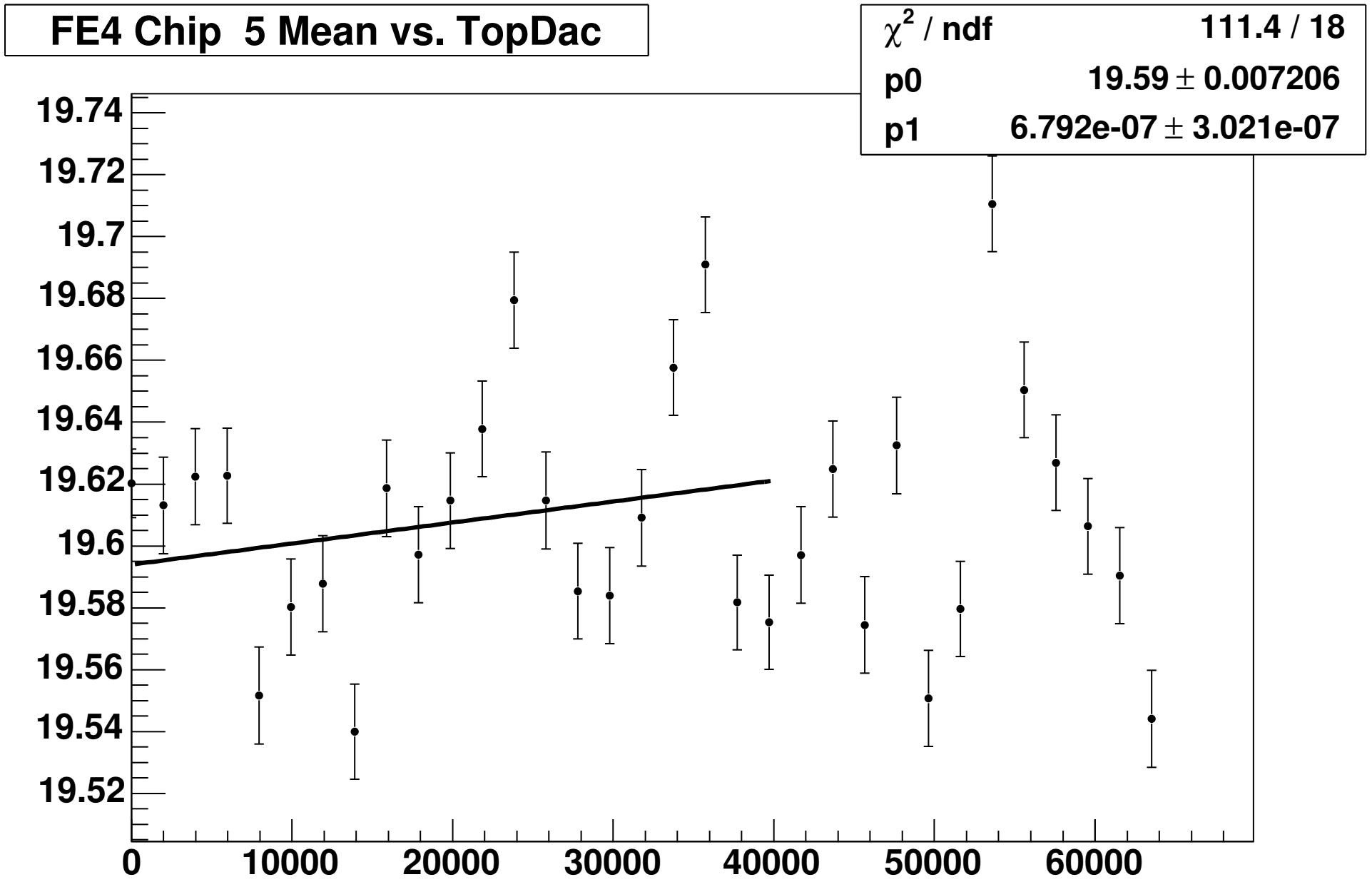
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 5 Rms vs. BotDac
χ² / ndf 165.2 / 18
p0 1.358 ± 0.003979
p1 3.67e-05 ± 2.725e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000


FE4 Chip 5 Mean vs. TopDac
χ² / ndf 111.4 / 18
p0 19.59 ± 0.007206
p1 6.792e-07 ± 3.021e-07
19.74
19.72
19.7
19.68
19.66
19.64
19.62
19.6
19.58
19.56
19.54
19.52
0
10000
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30000
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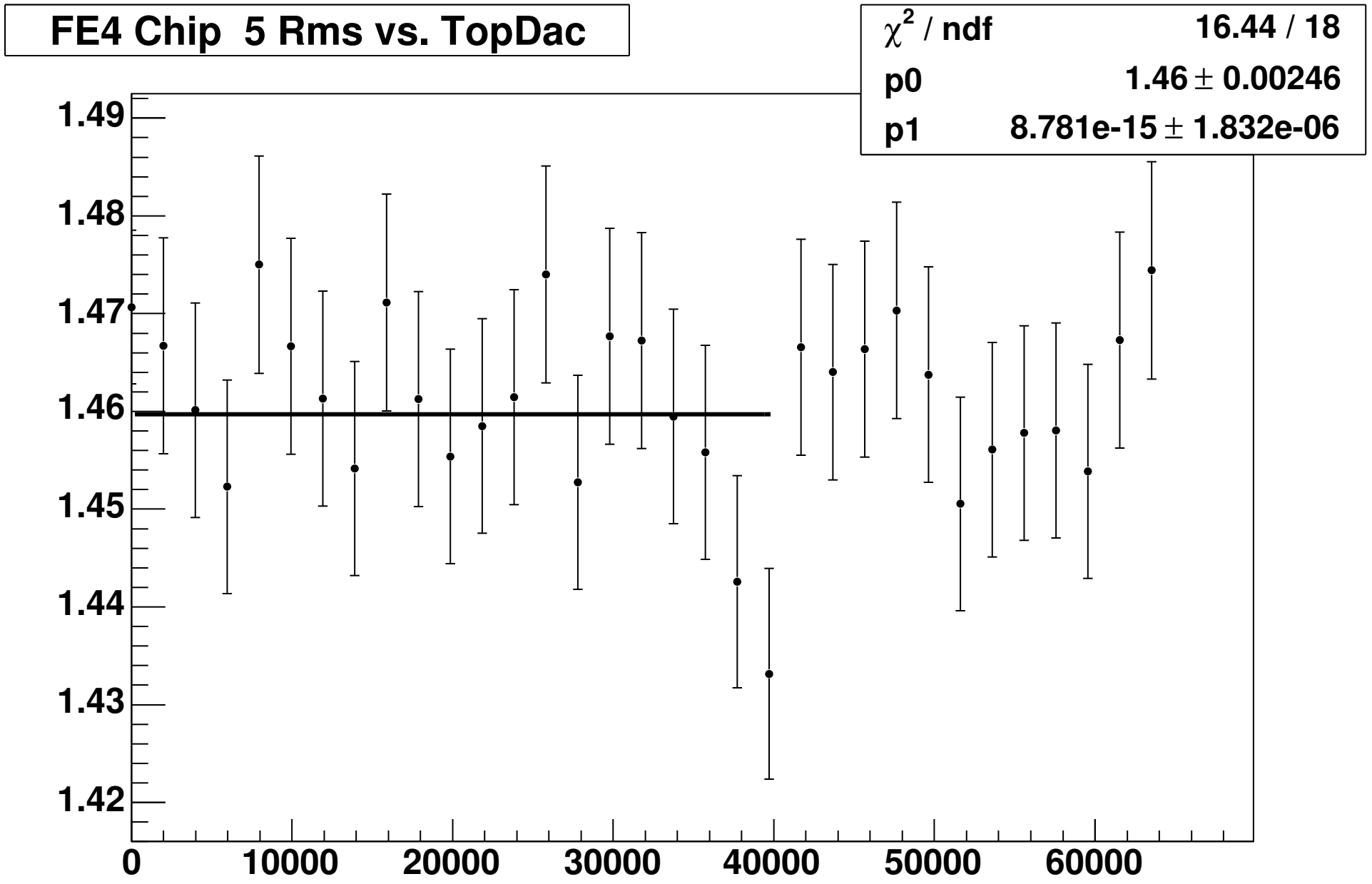
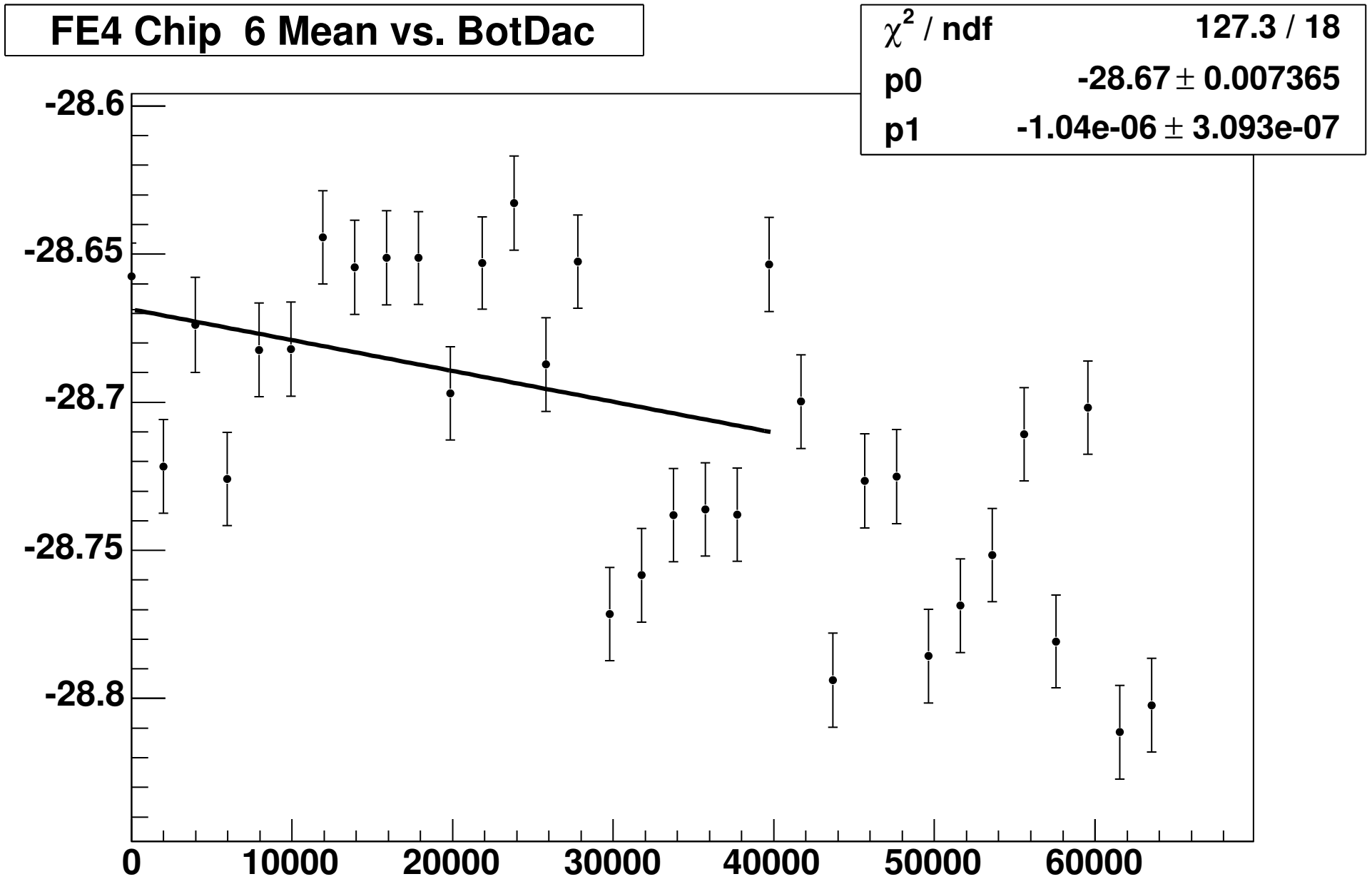
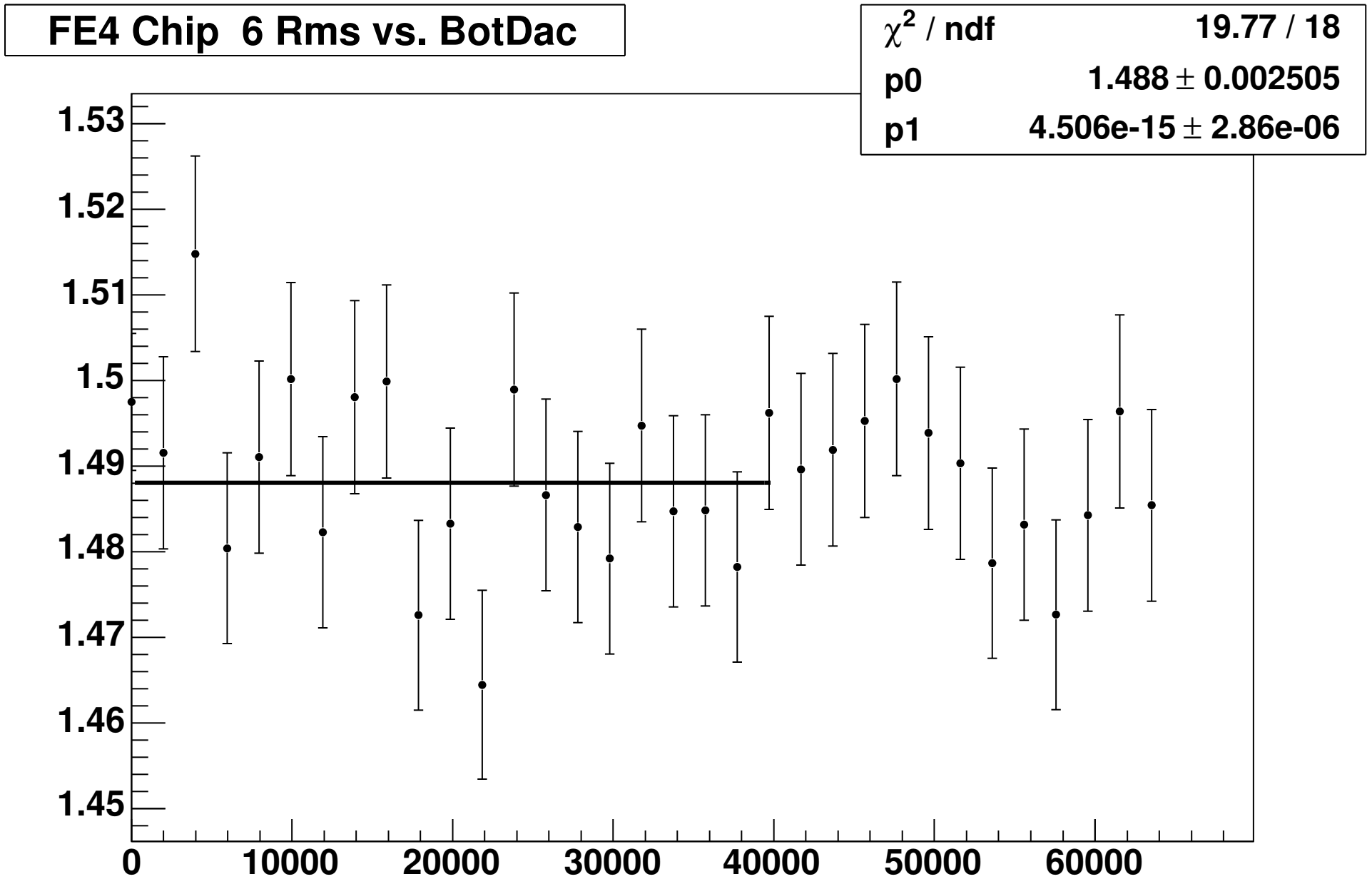
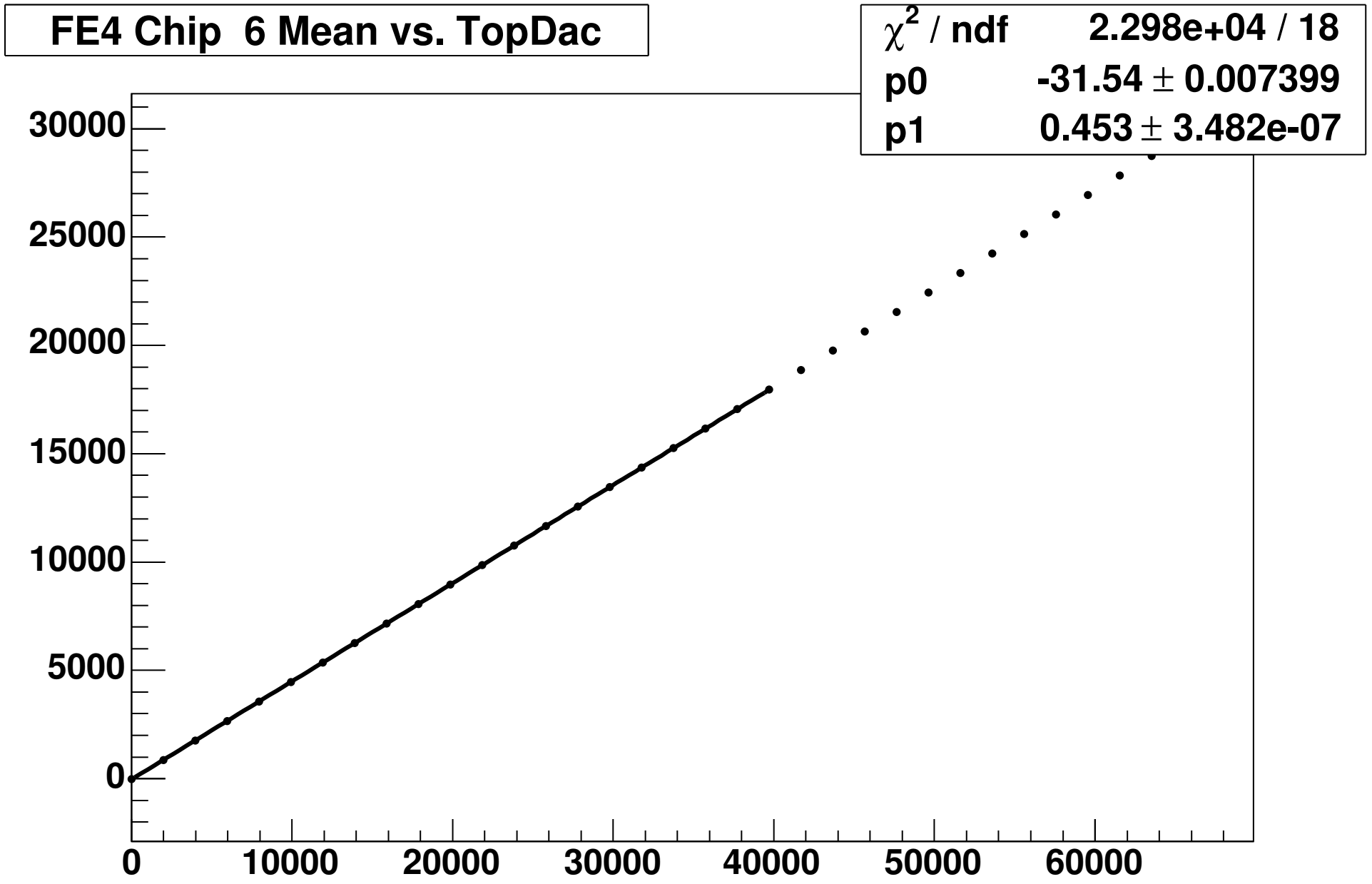
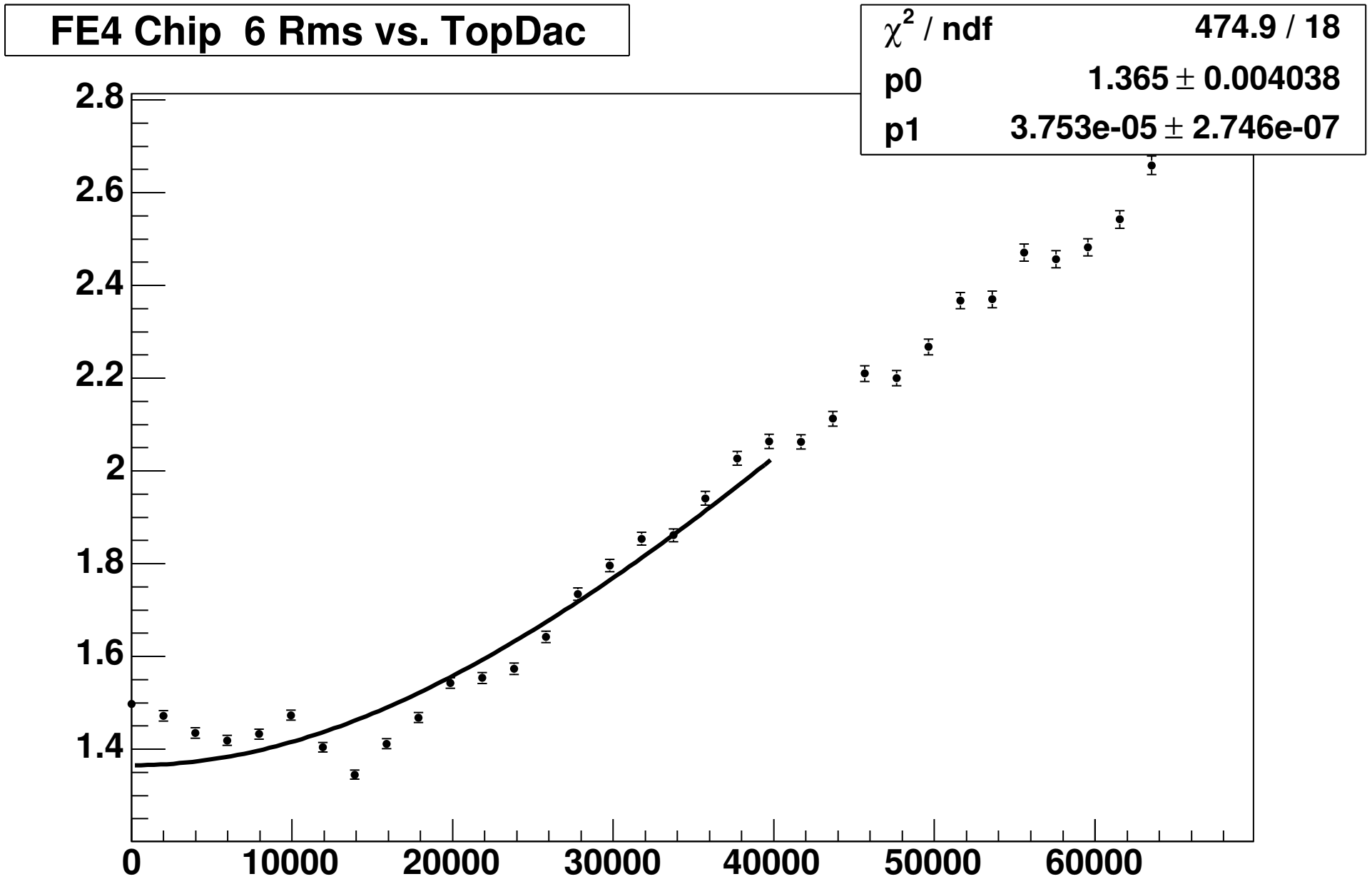
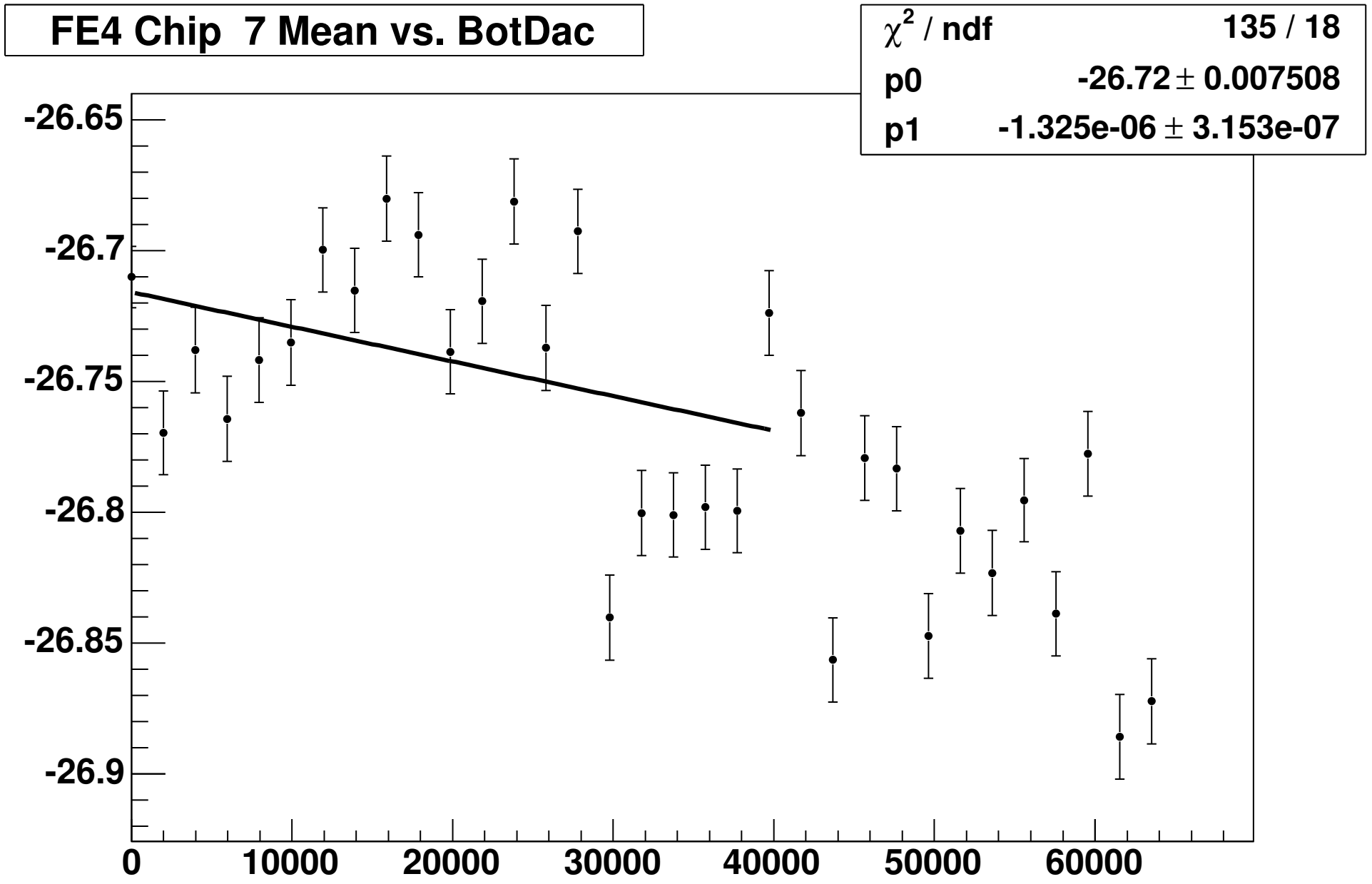

FE4 Chip 5 Rms vs. TopDac
χ² / ndf 16.44 / 18
p0 1.46 ± 0.00246
p1 8.781e-15 ± 1.832e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
10000
20000
30000
40000
50000
60000

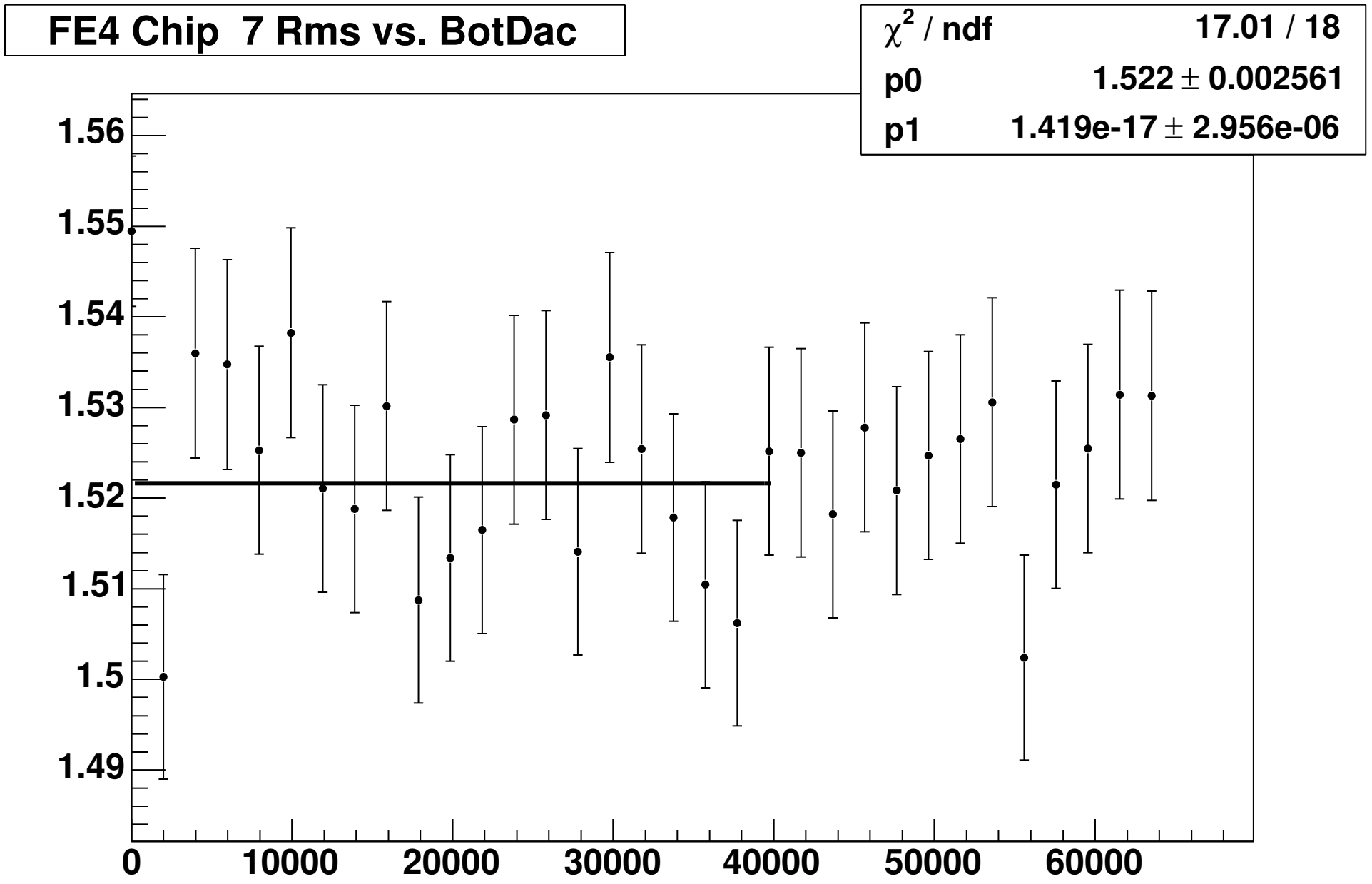

FE4 Chip 6 Mean vs. BotDac
χ² / ndf 127.3 / 18
p0 -28.67 ± 0.007365
p1 -1.04e-06 ± 3.093e-07
-28.6
-28.65
-28.7
-28.75
-28.8
0
10000
20000
30000
40000
50000
60000


FE4 Chip 6 Rms vs. BotDac
χ² / ndf 19.77 / 18
p0 1.488 ± 0.002505
p1 4.506e-15 ± 2.86e-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


FE4 Chip 6 Mean vs. TopDac
χ^2 / ndf 2.298e+04 / 18
p0 -31.54 ± 0.007399
p1 0.453 ± 3.482e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 6 Rms vs. TopDac
χ² / ndf 474.9 / 18
p0 1.365 ± 0.004038
p1 3.753e-05 ± 2.746e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000


FE4 Chip 7 Mean vs. BotDac
χ² / ndf 135 / 18
p0 -26.72 ± 0.007508
p1 -1.325e-06 ± 3.153e-07
-26.65
-26.7
-26.75
-26.8
-26.85
-26.9
0
10000
20000
30000
40000
50000
60000


FE4 Chip 7 Rms vs. BotDac
χ² / ndf 17.01 / 18
p0 1.522 ± 0.002561
p1 1.419e-17 ± 2.956e-06
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
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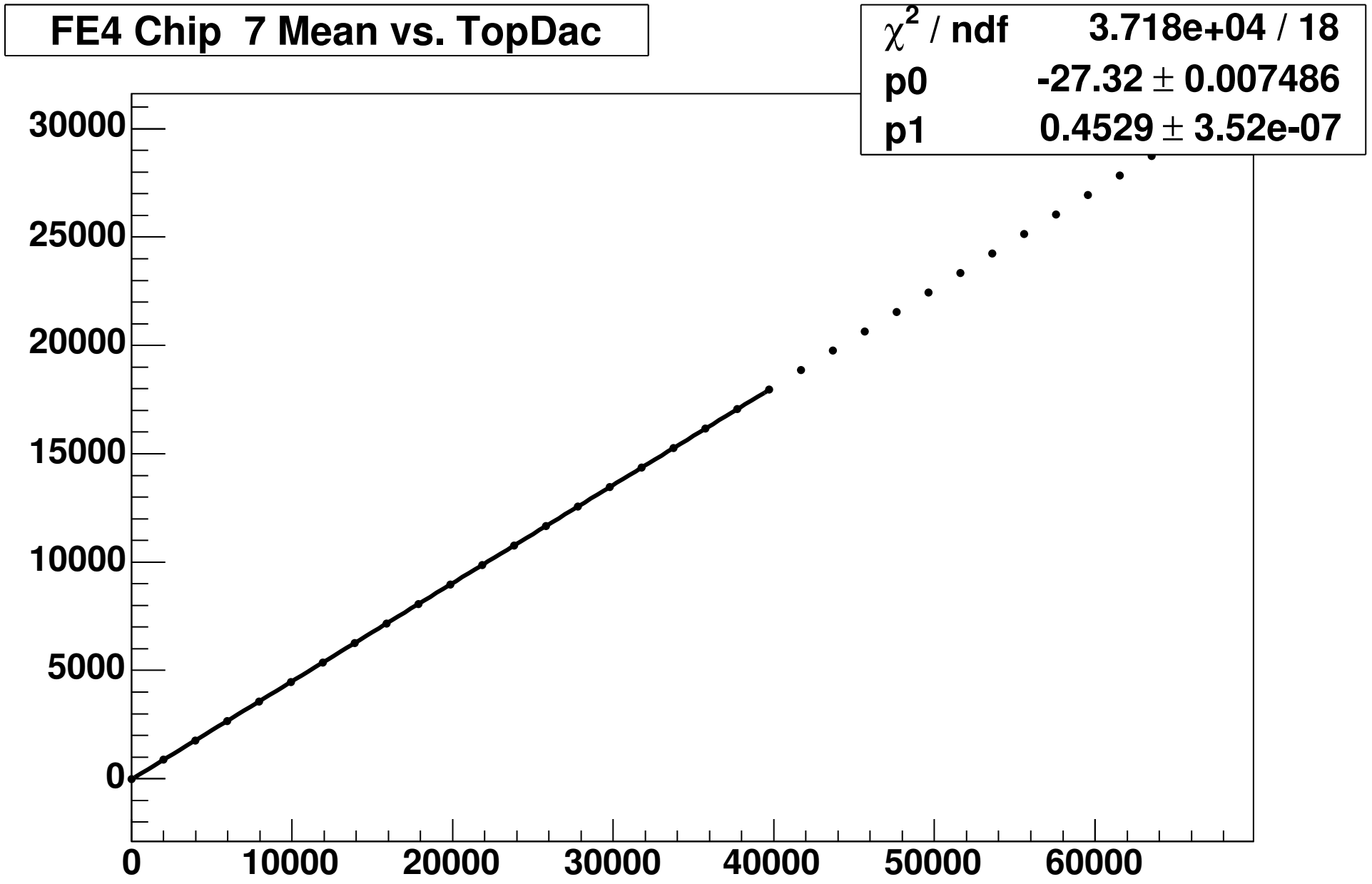
FE4 Chip 7 Mean vs. TopDac
χ² / ndf 3.718e+04 / 18
p0 -27.32 ± 0.007486
p1 0.4529 ± 3.52e-07
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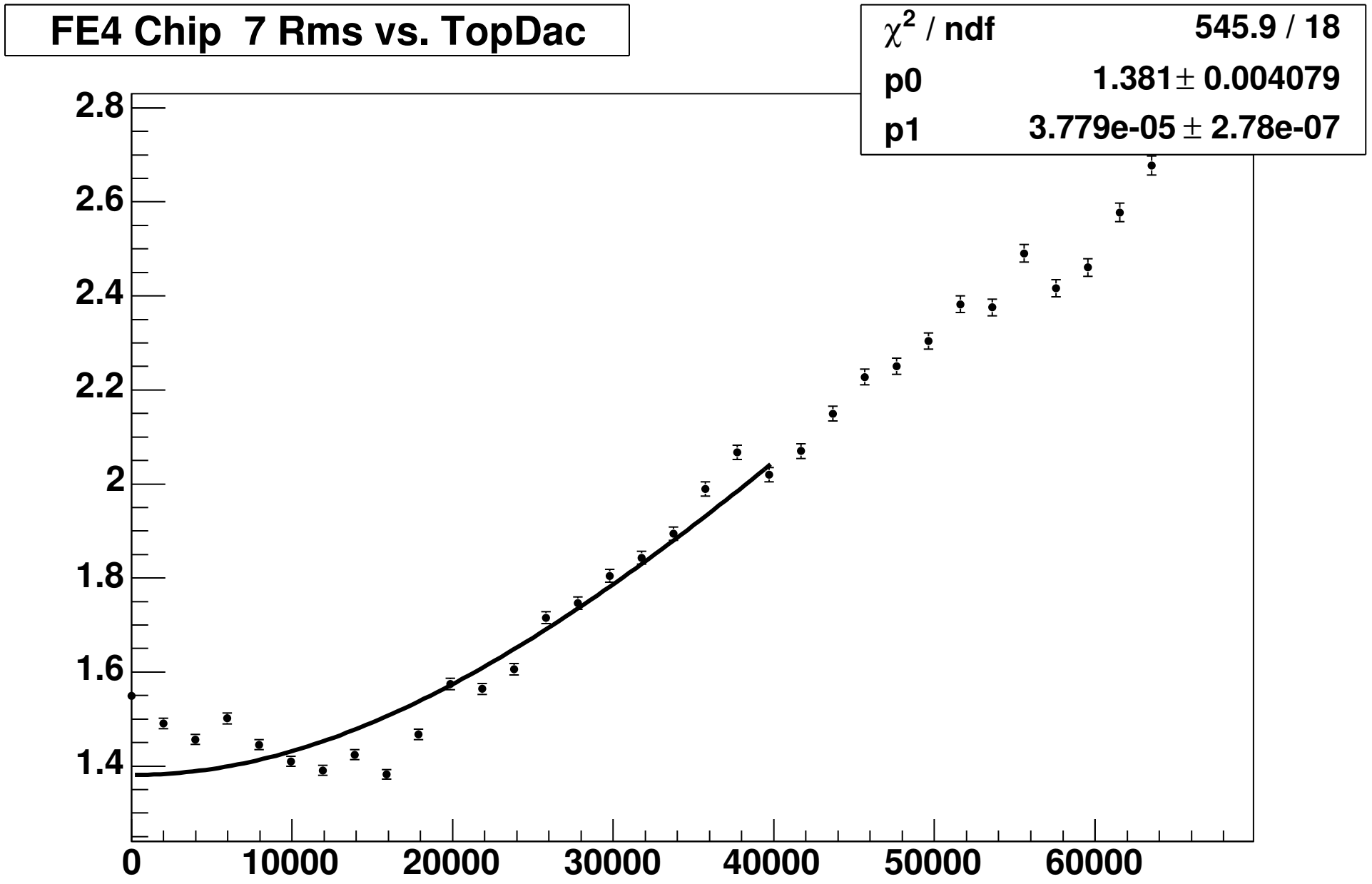
FE4 Chip 7 Rms vs. TopDac
χ² / ndf 545.9 / 18
p0 1.381 ± 0.004079
p1 3.779e-05 ± 2.78e-07
2.8
2.6
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2.2
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1.6
1.4
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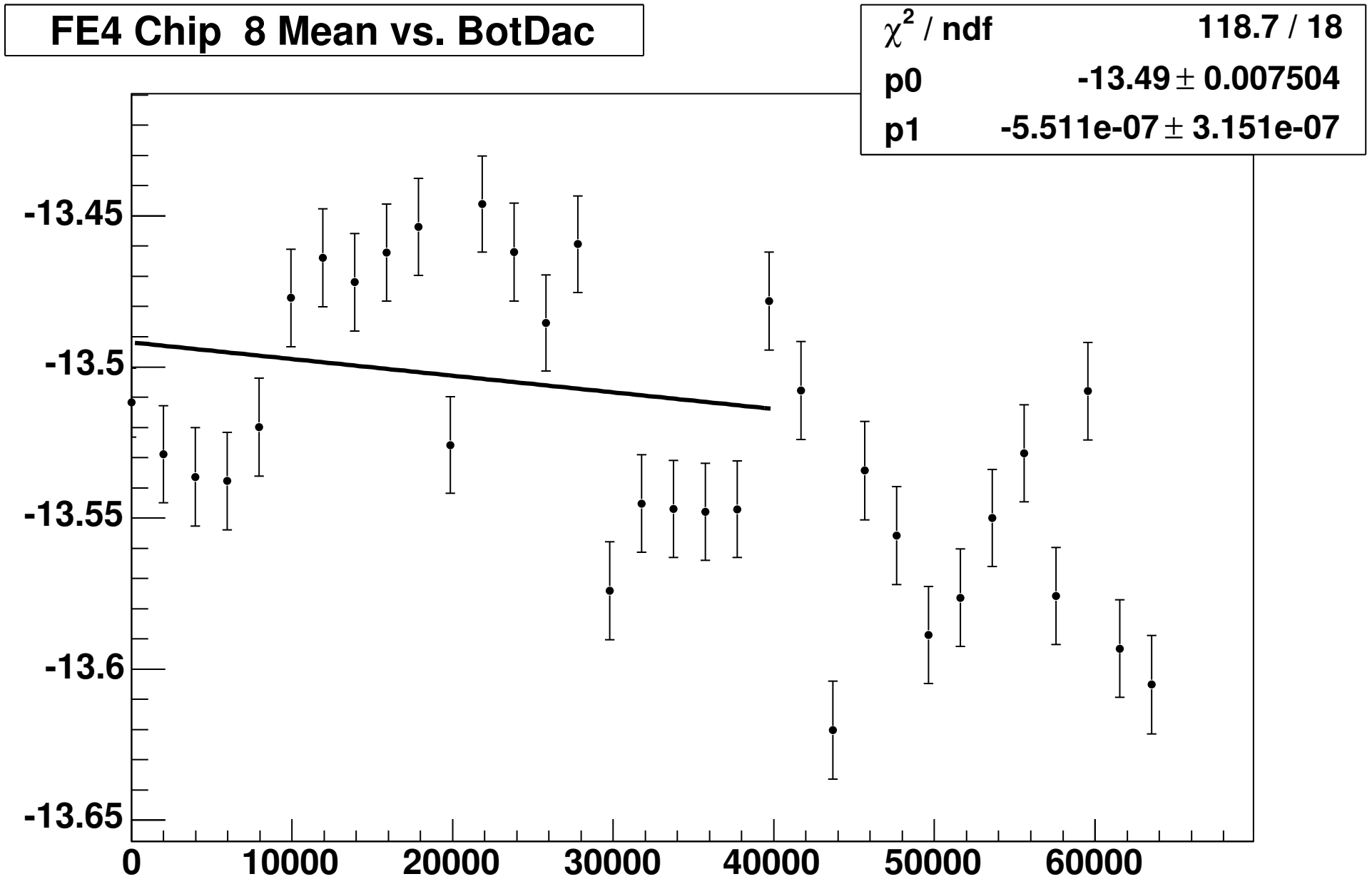
FE4 Chip 8 Mean vs. BotDac
χ² / ndf 118.7 / 18
p0 -13.49 ± 0.007504
p1 -5.511e-07 ± 3.151e-07
-13.45
-13.5
-13.55
-13.6
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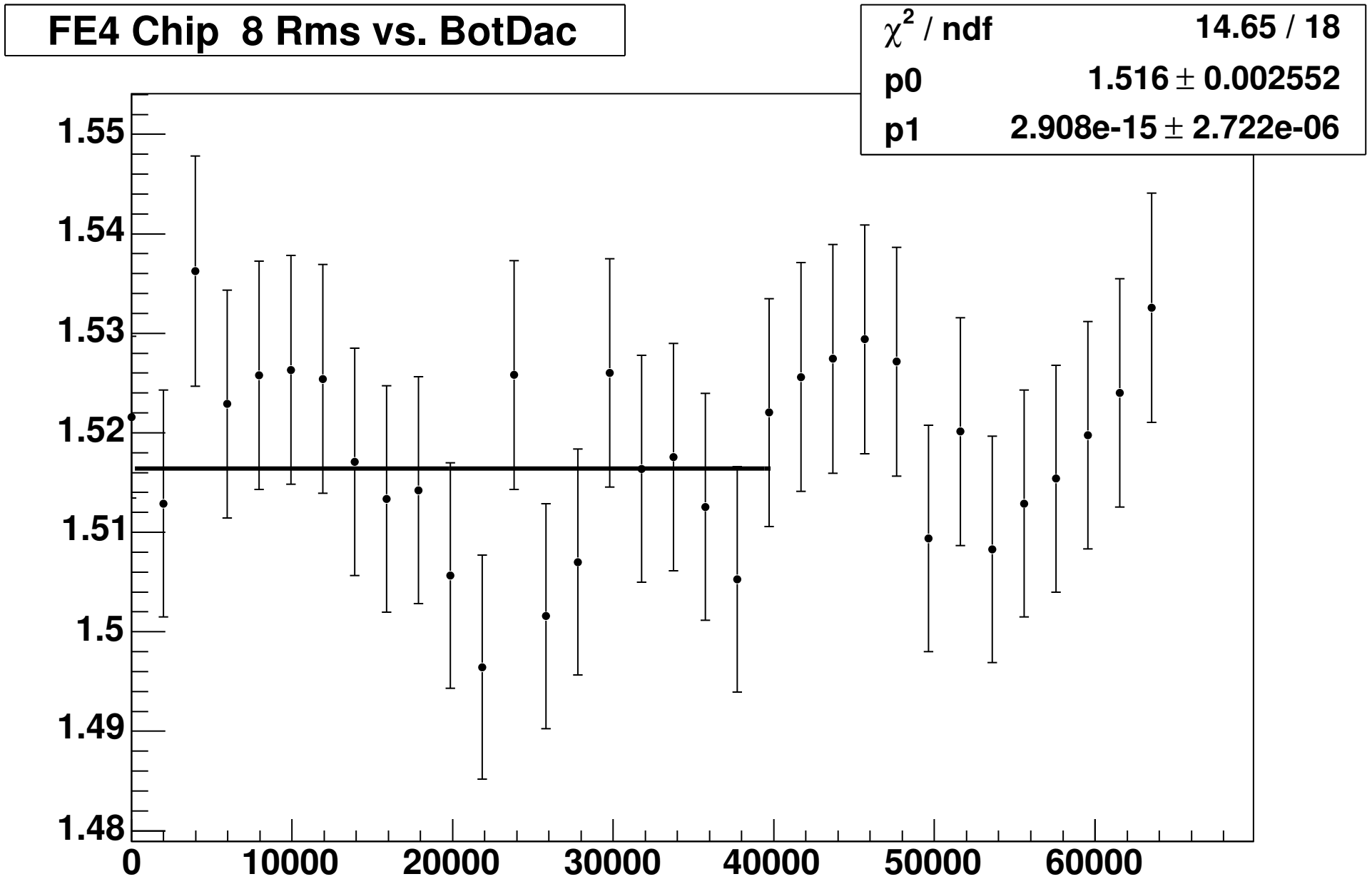
FE4 Chip 8 Rms vs. BotDac
χ² / ndf 14.65 / 18
p0 1.516 ± 0.002552
p1 2.908e-15 ± 2.722e-06
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
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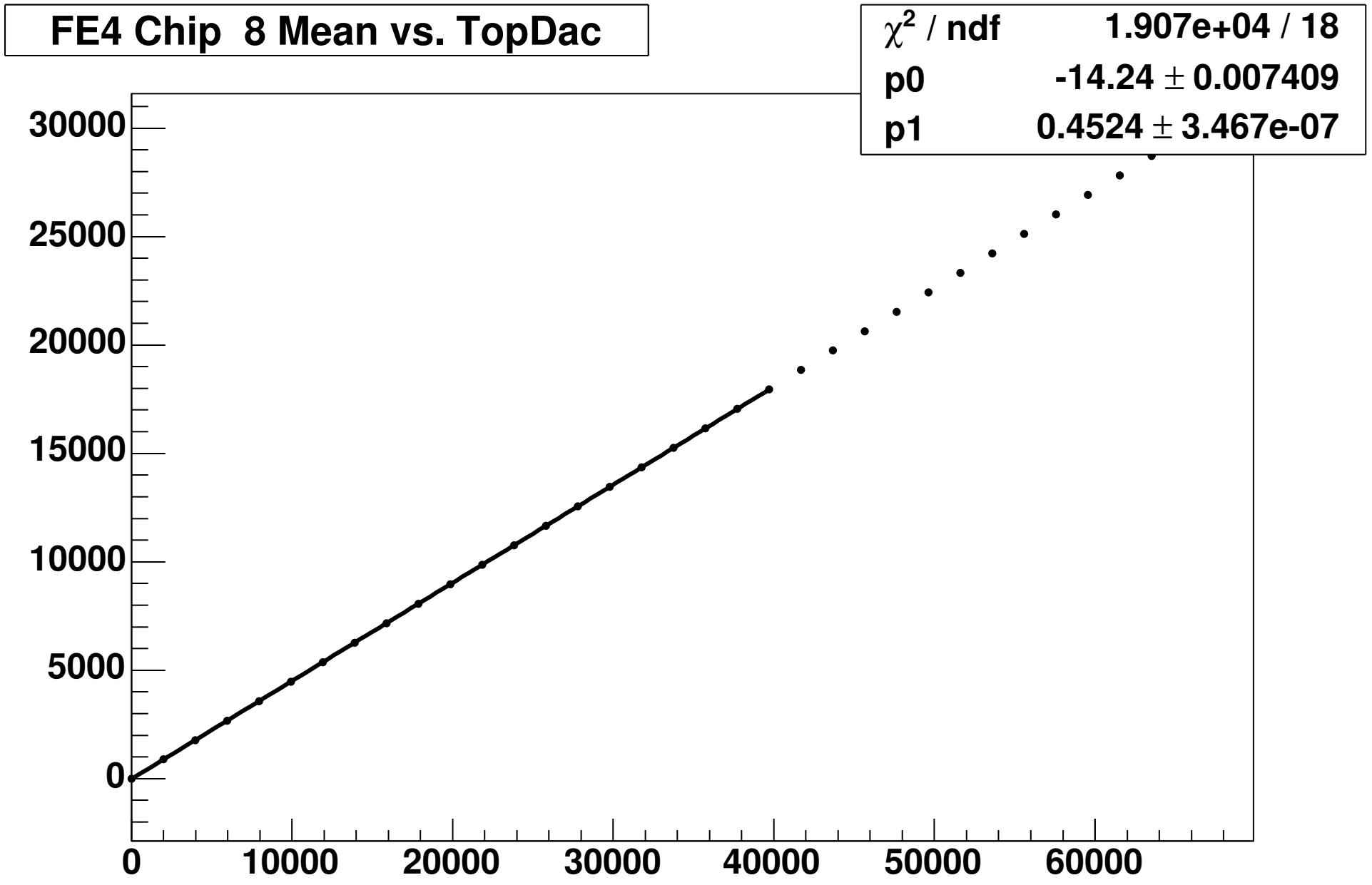
FE4 Chip 8 Mean vs. TopDac
χ² / ndf 1.907e+04 / 18
p0 -14.24 ± 0.007409
p1 0.4524 ± 3.467e-07
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10000
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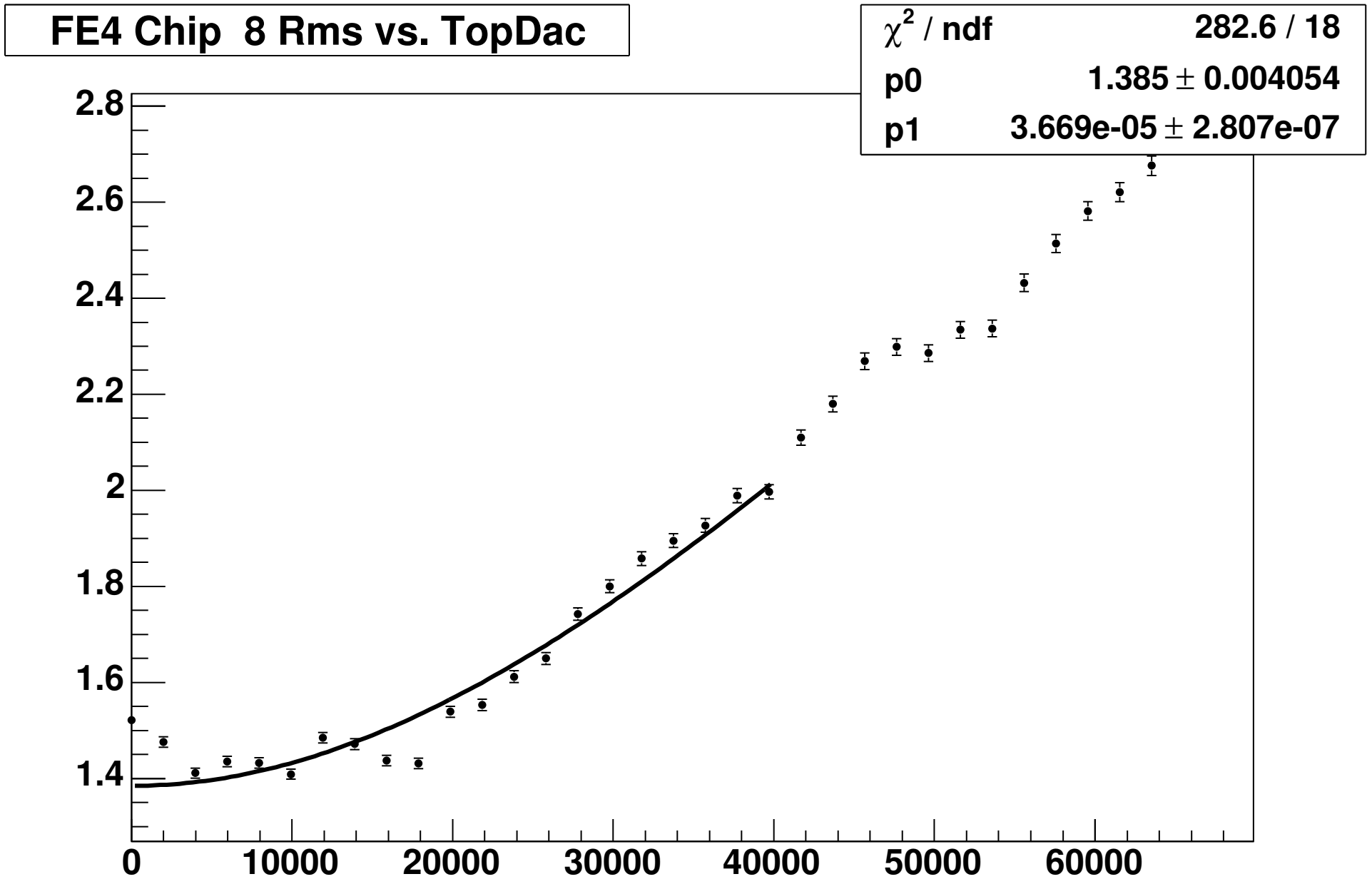
FE4 Chip 8 Rms vs. TopDac
χ² / ndf 282.6 / 18
p0 1.385 ± 0.004054
p1 3.669e-05 ± 2.807e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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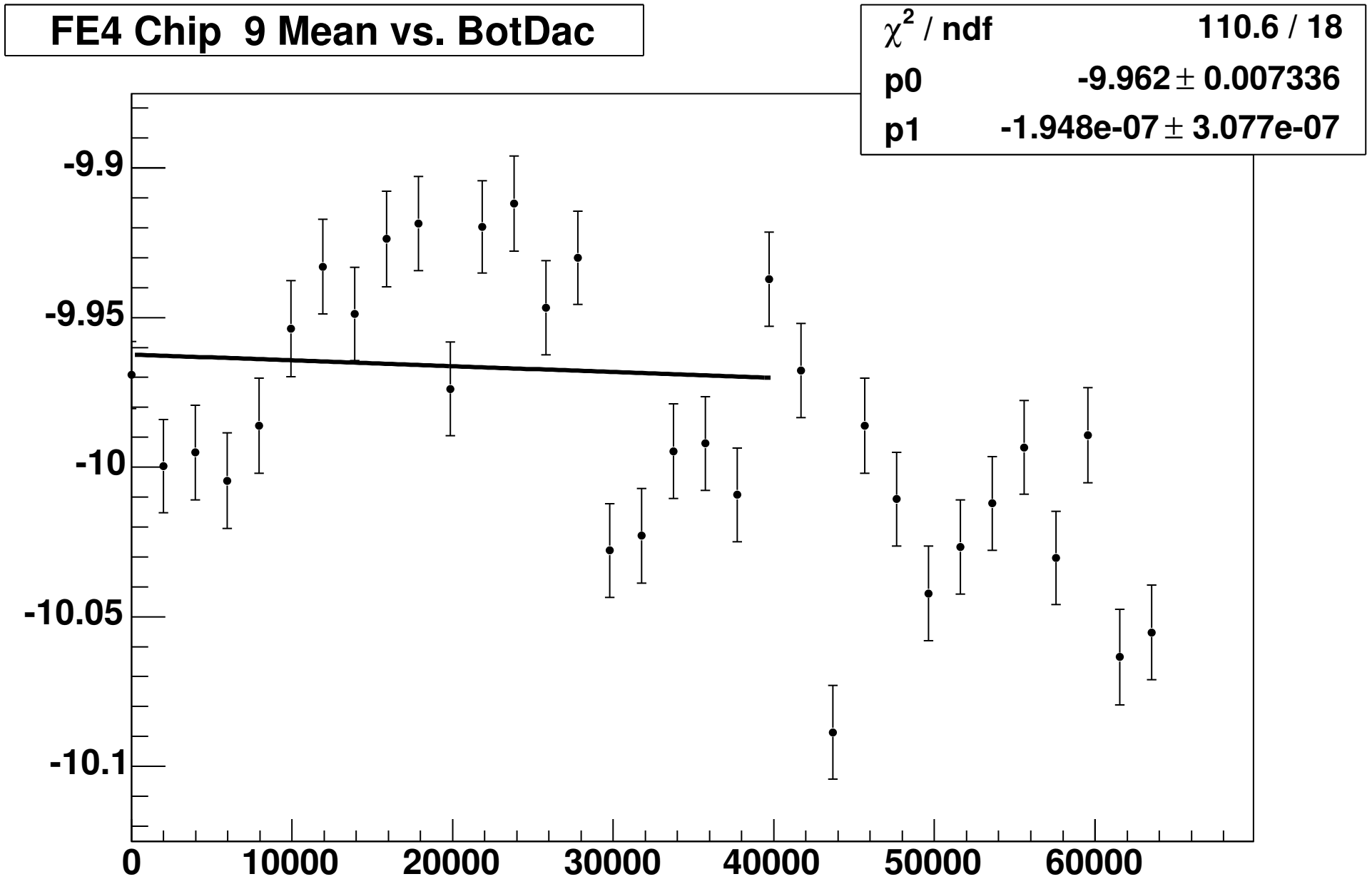
FE4 Chip 9 Mean vs. BotDac
χ² / ndf 110.6 / 18
p0 -9.962 ± 0.007336
p1 -1.948e-07 ± 3.077e-07
-9.9
-9.95
-10
-10.05
-10.1
0
10000
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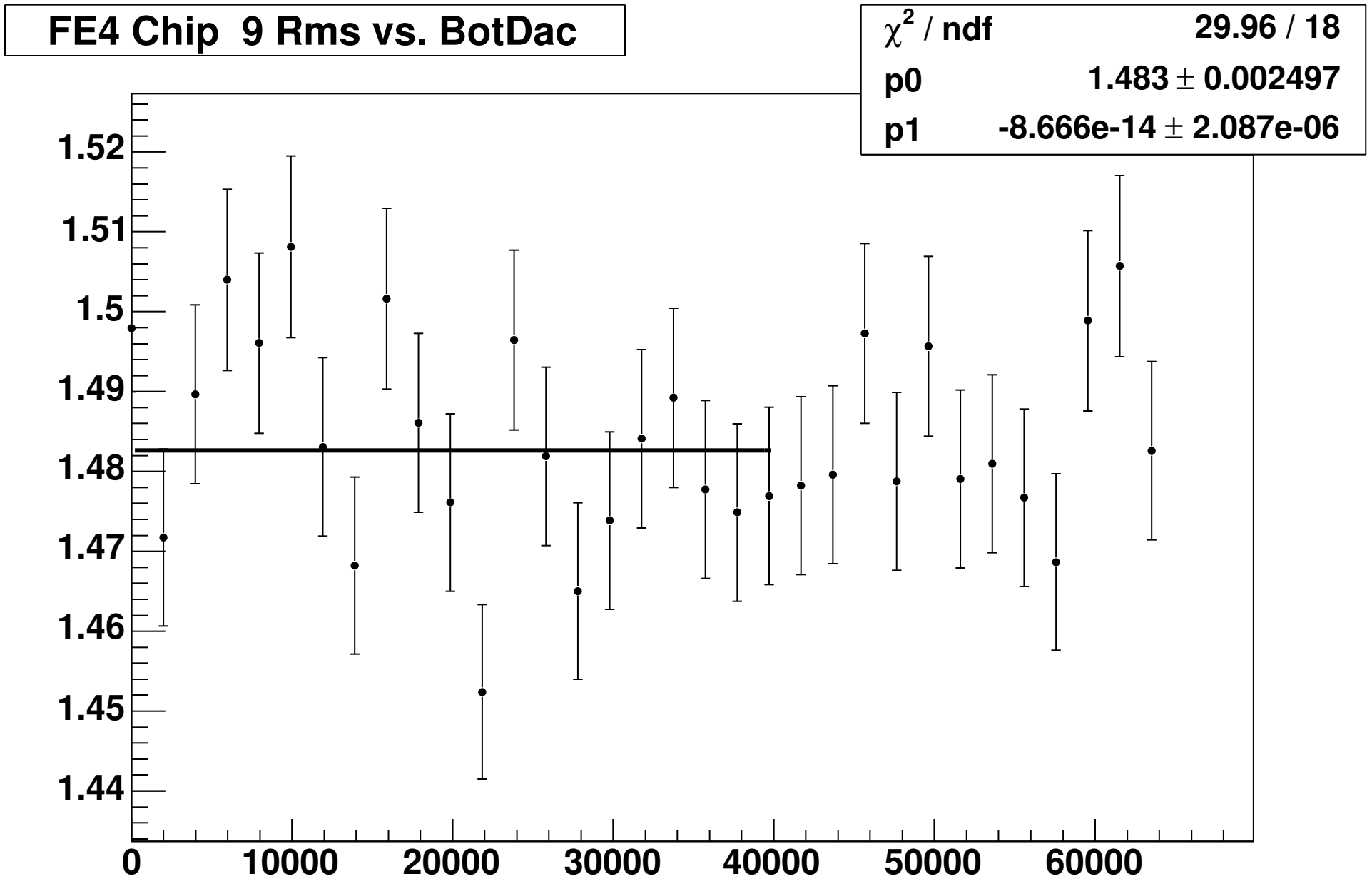
FE4 Chip 9 Rms vs. BotDac
χ² / ndf 29.96 / 18
p0 1.483 ± 0.002497
p1 -8.666e-14 ± 2.087e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
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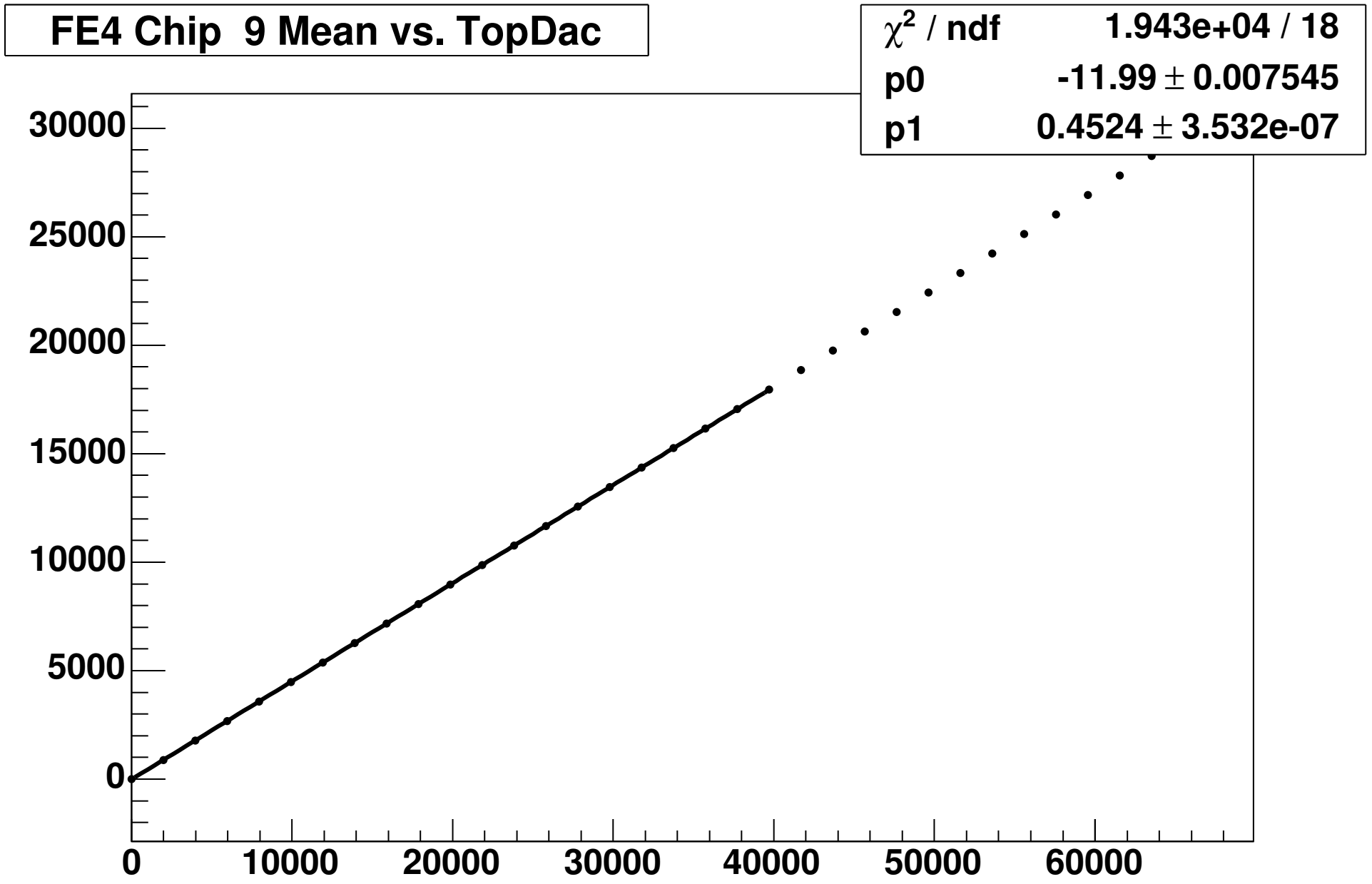
40000
50000
60000


FE4 Chip 9 Mean vs. TopDac
χ² / ndf 1.943e+04 / 18
p0 -11.99 ± 0.007545
p1 0.4524 ± 3.532e-07
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10000
5000
0
0
10000
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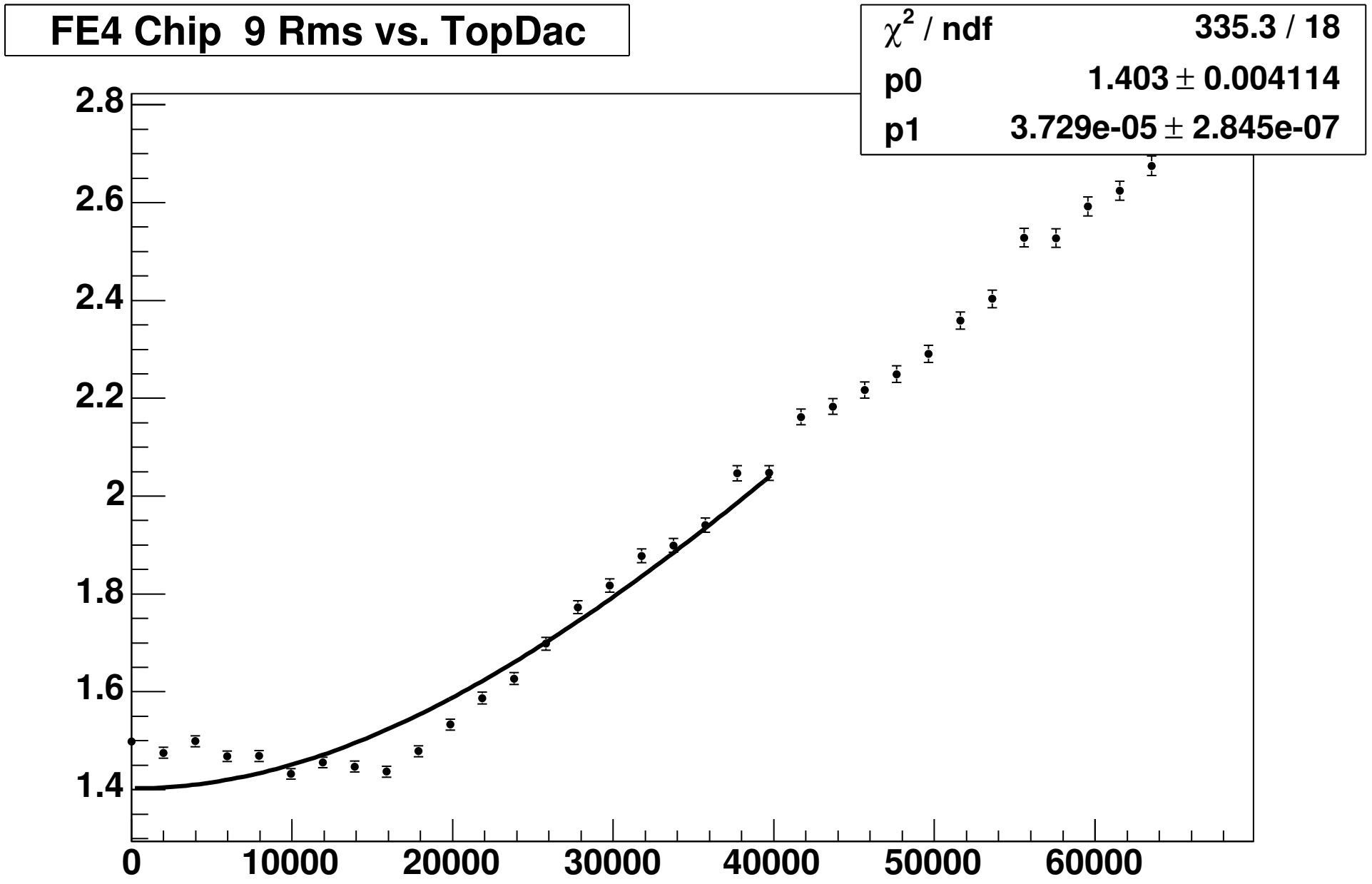
30000
40000
50000
60000


FE4 Chip 9 Rms vs. TopDac
χ² / ndf 335.3 / 18
p0 1.403 ± 0.004114
p1 3.729e-05 ± 2.845e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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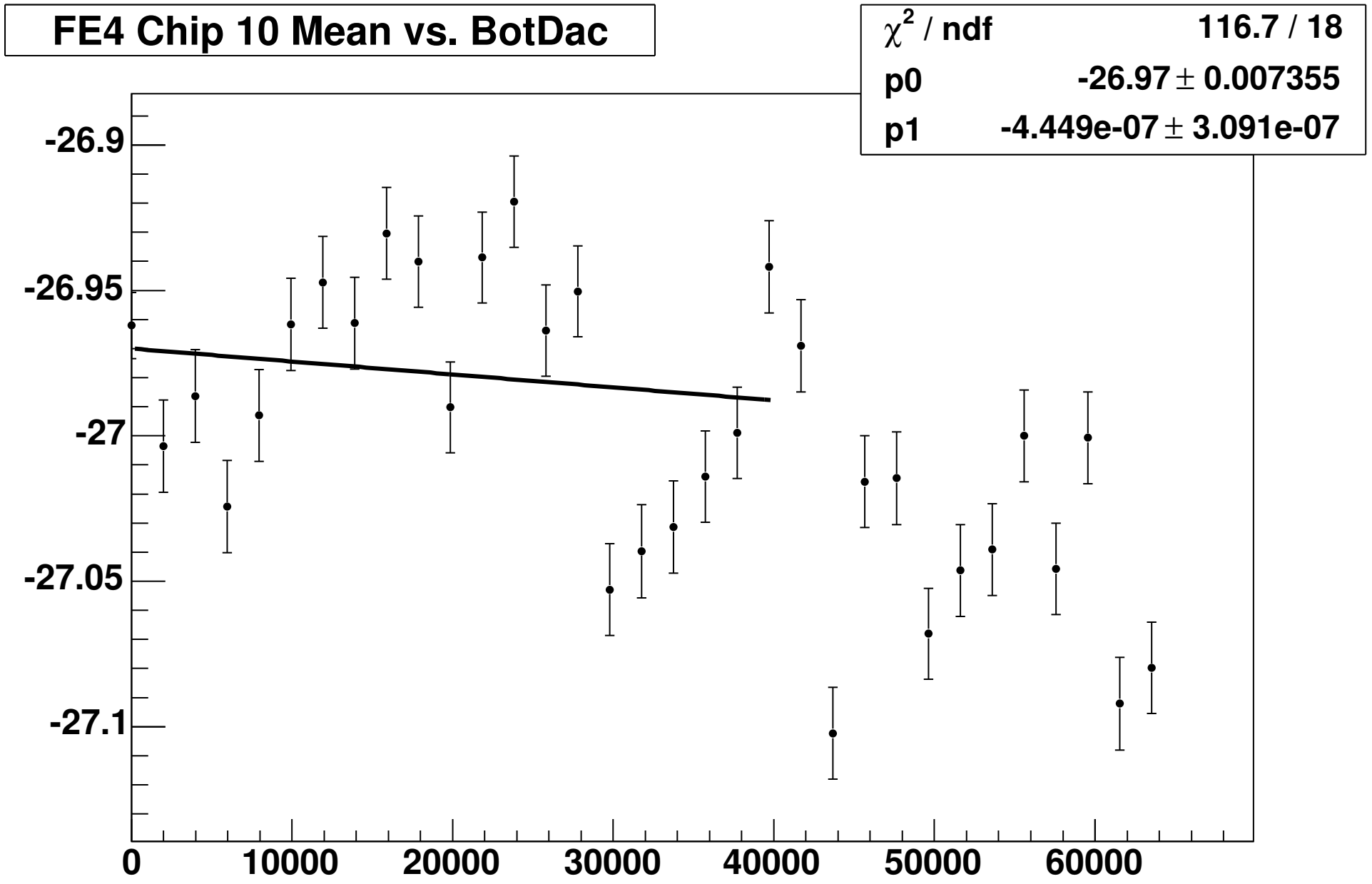
FE4 Chip 10 Mean vs. BotDac
χ² / ndf 116.7 / 18
p0 -26.97 ± 0.007355
p1 -4.449e-07 ± 3.091e-07
-26.9
-26.95
-27
-27.05
-27.1
0
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40000
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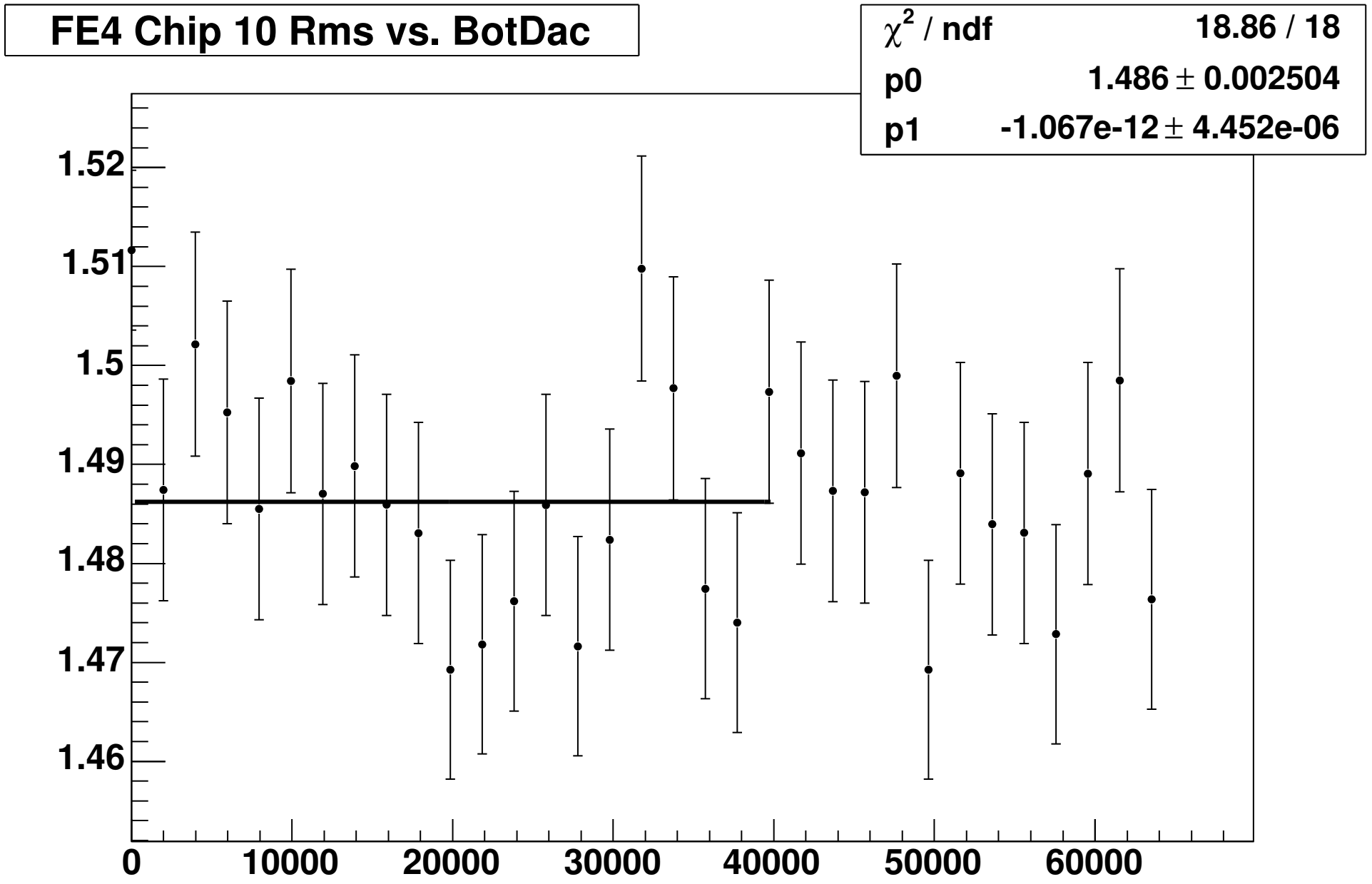
60000


FE4 Chip 10 Rms vs. BotDac
χ² / ndf 18.86 / 18
p0 1.486 ± 0.002504
p1 -1.067e-12 ± 4.452e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
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10000
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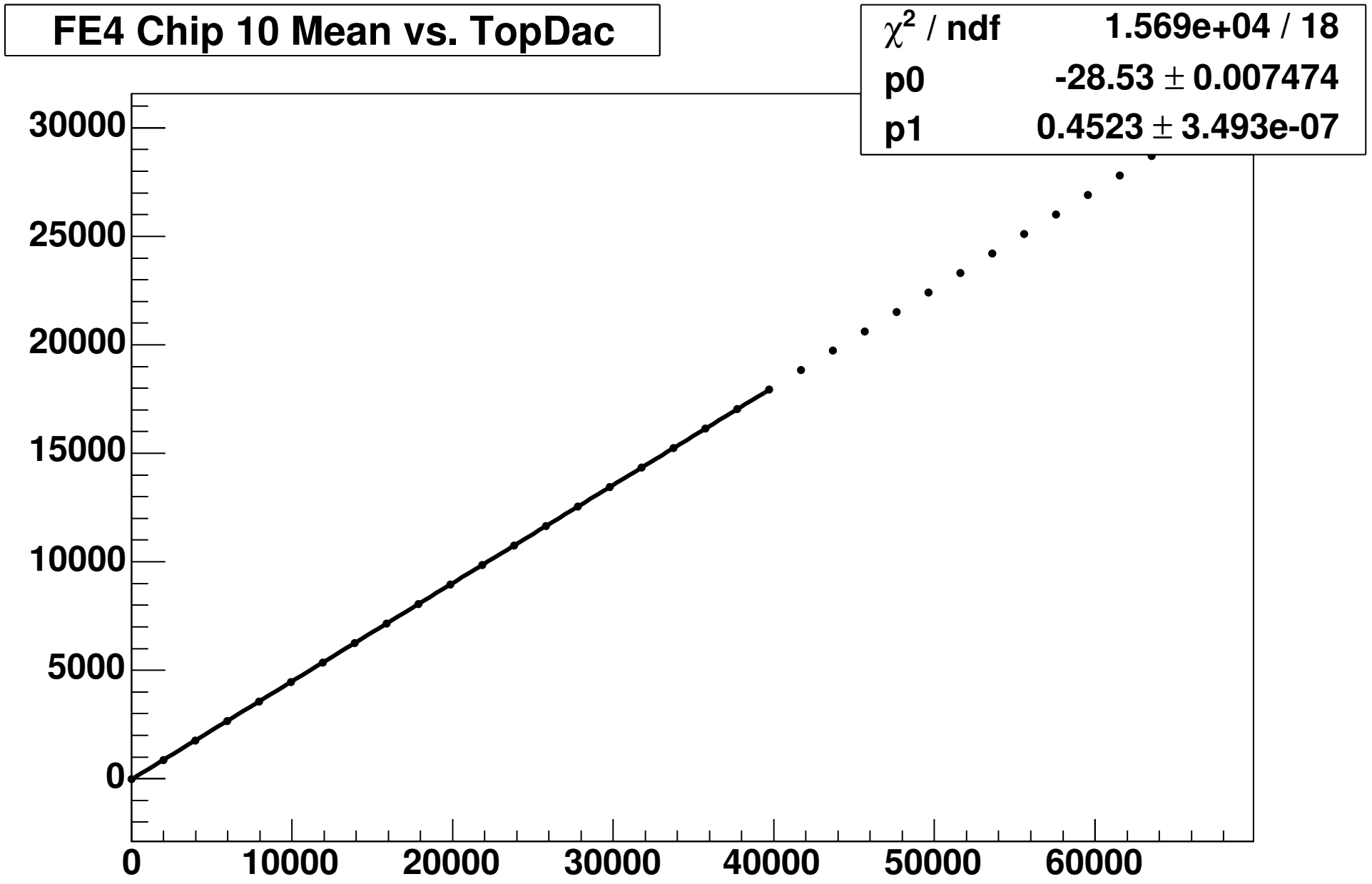
40000
50000
60000


FE4 Chip 10 Mean vs. TopDac
χ² / ndf 1.569e+04 / 18
p0 -28.53 ± 0.007474
p1 0.4523 ± 3.493e-07
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10000
5000
0
0
10000
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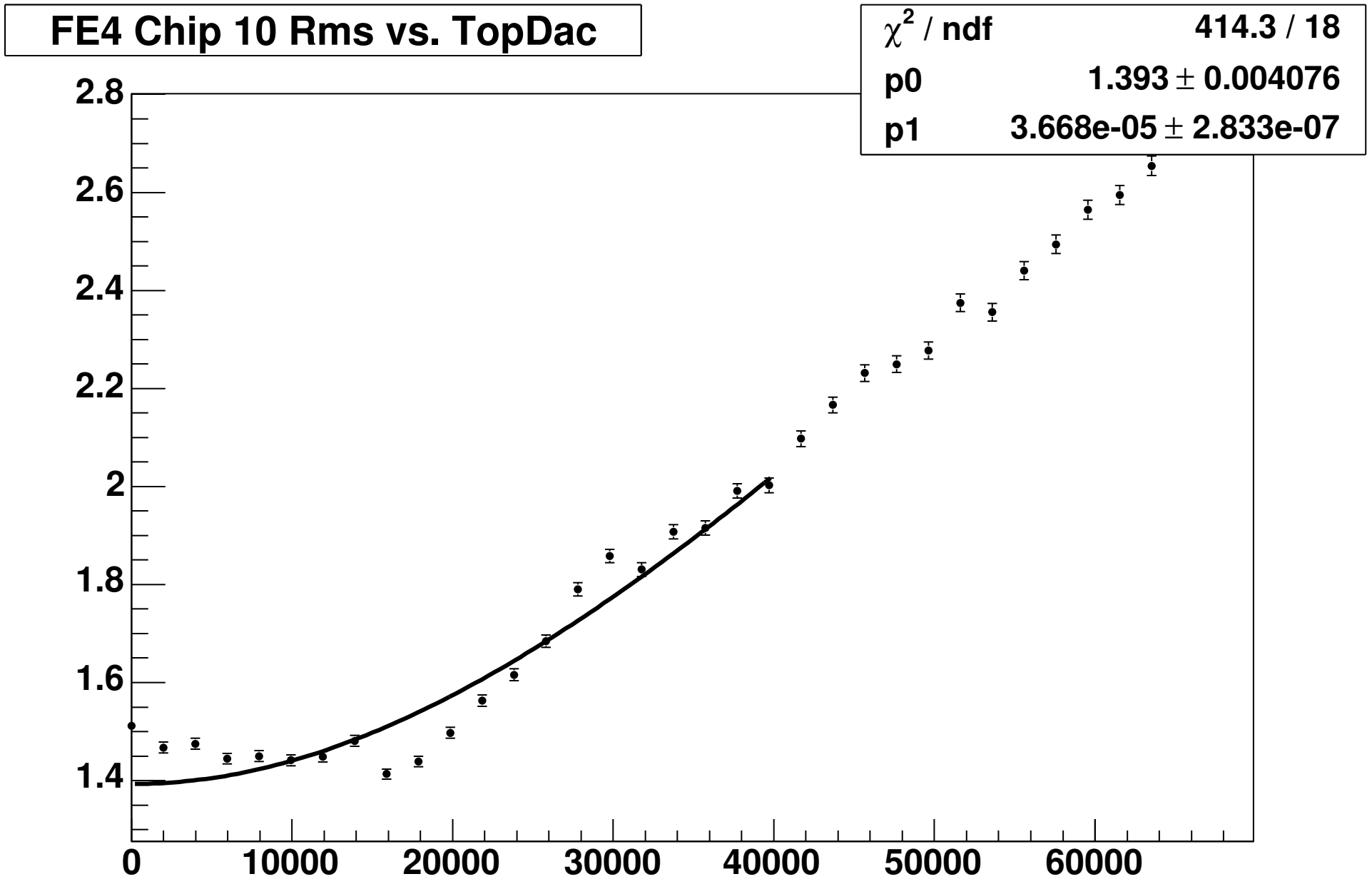
40000
50000
60000


FE4 Chip 10 Rms vs. TopDac
χ² / ndf 414.3 / 18
p0 1.393 ± 0.004076
p1 3.668e-05 ± 2.833e-07
2.8
2.6
2.4
2.2
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1.8
1.6
1.4
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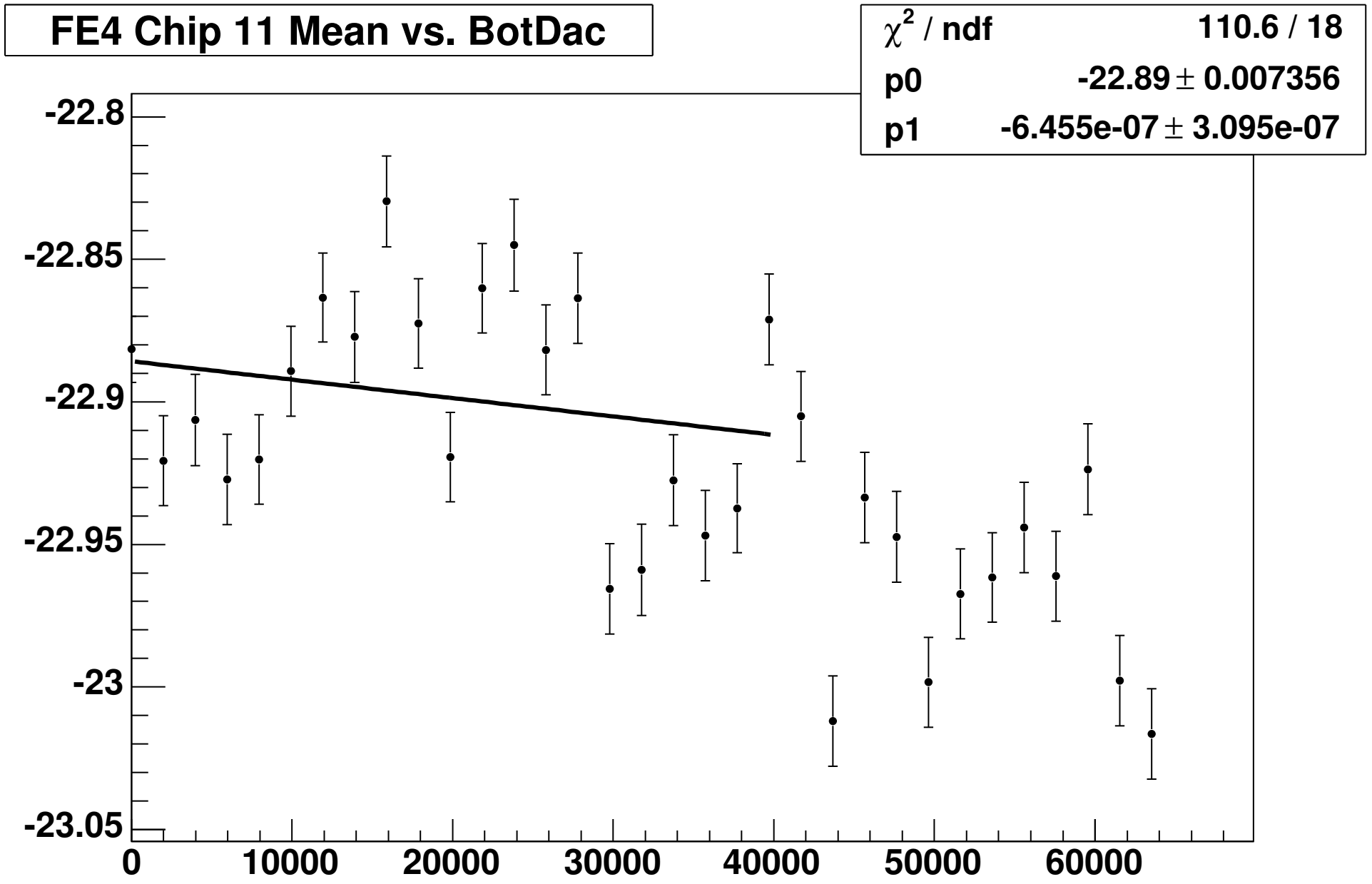
FE4 Chip 11 Mean vs. BotDac
χ² / ndf 110.6 / 18
p0 -22.89 ± 0.007356
p1 -6.455e-07 ± 3.095e-07
-22.8
-22.85
-22.9
-22.95
-23
-23.05
0
10000
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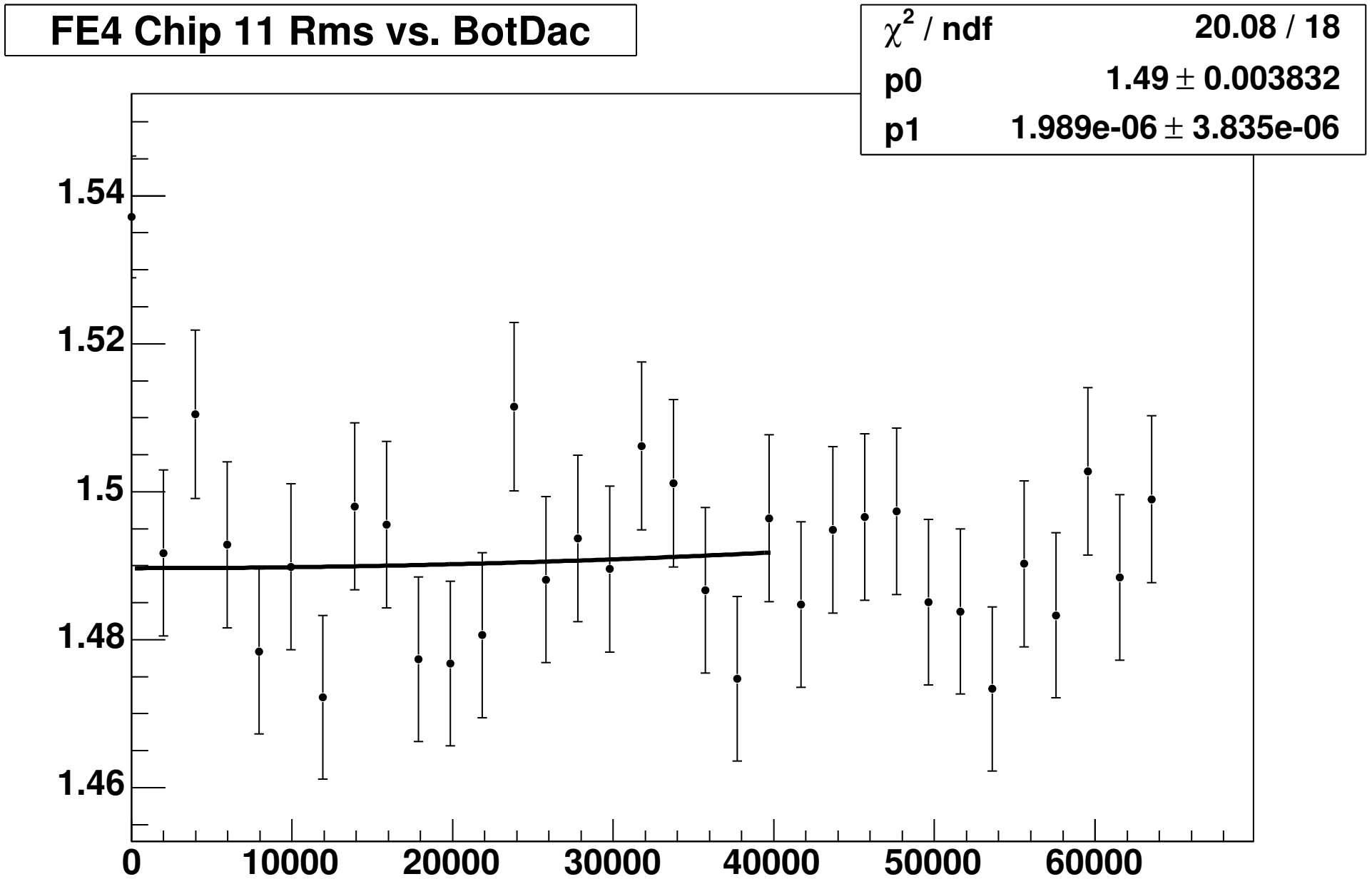
FE4 Chip 11 Rms vs. BotDac
χ² / ndf 20.08 / 18
p0 1.49 ± 0.003832
p1 1.989e-06 ± 3.835e-06
1.54
1.52
1.5
1.48
1.46
0
10000
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30000
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50000
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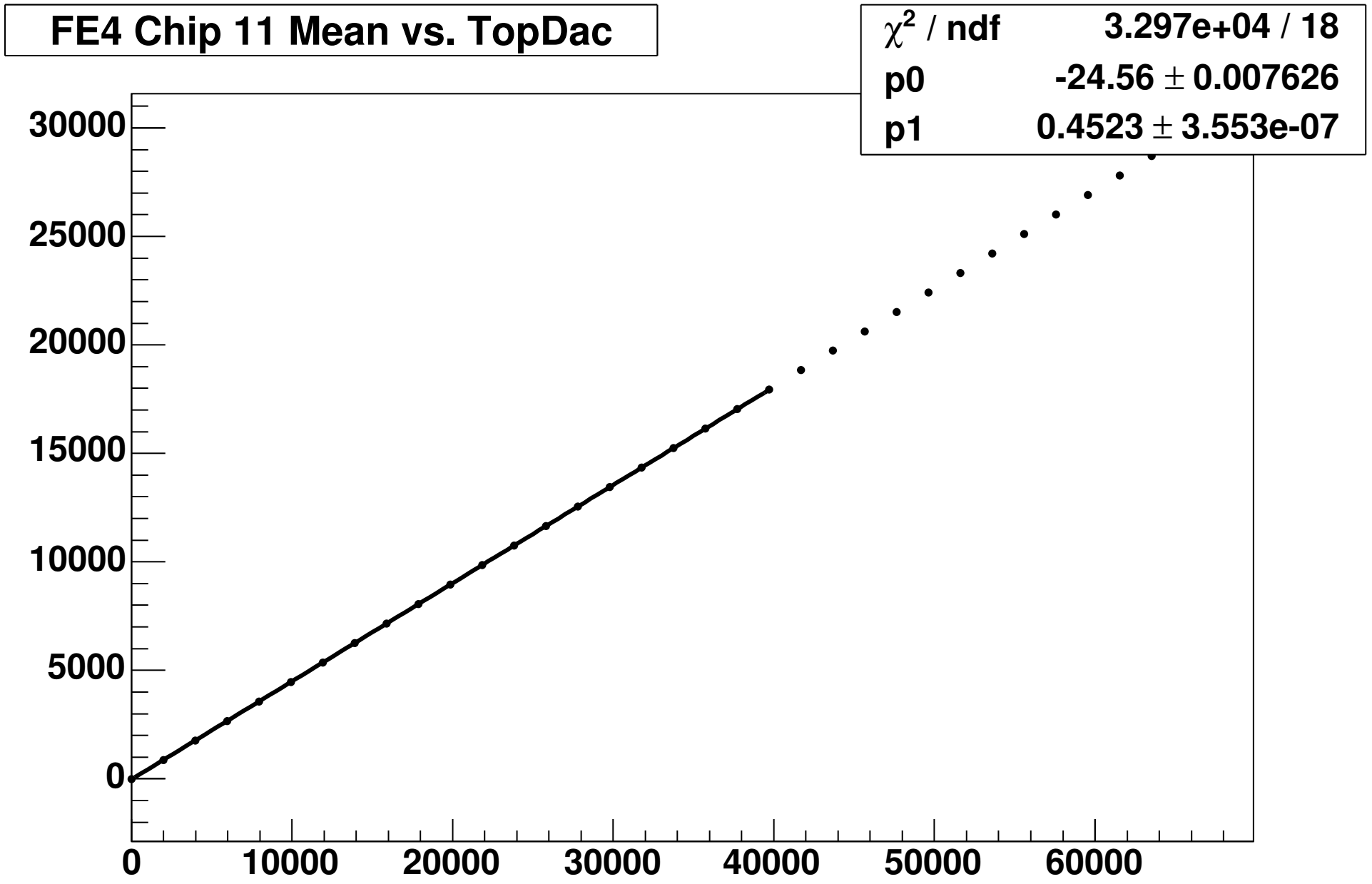
FE4 Chip 11 Mean vs. TopDac
χ² / ndf 3.297e+04 / 18
p0 -24.56 ± 0.007626
p1 0.4523 ± 3.553e-07
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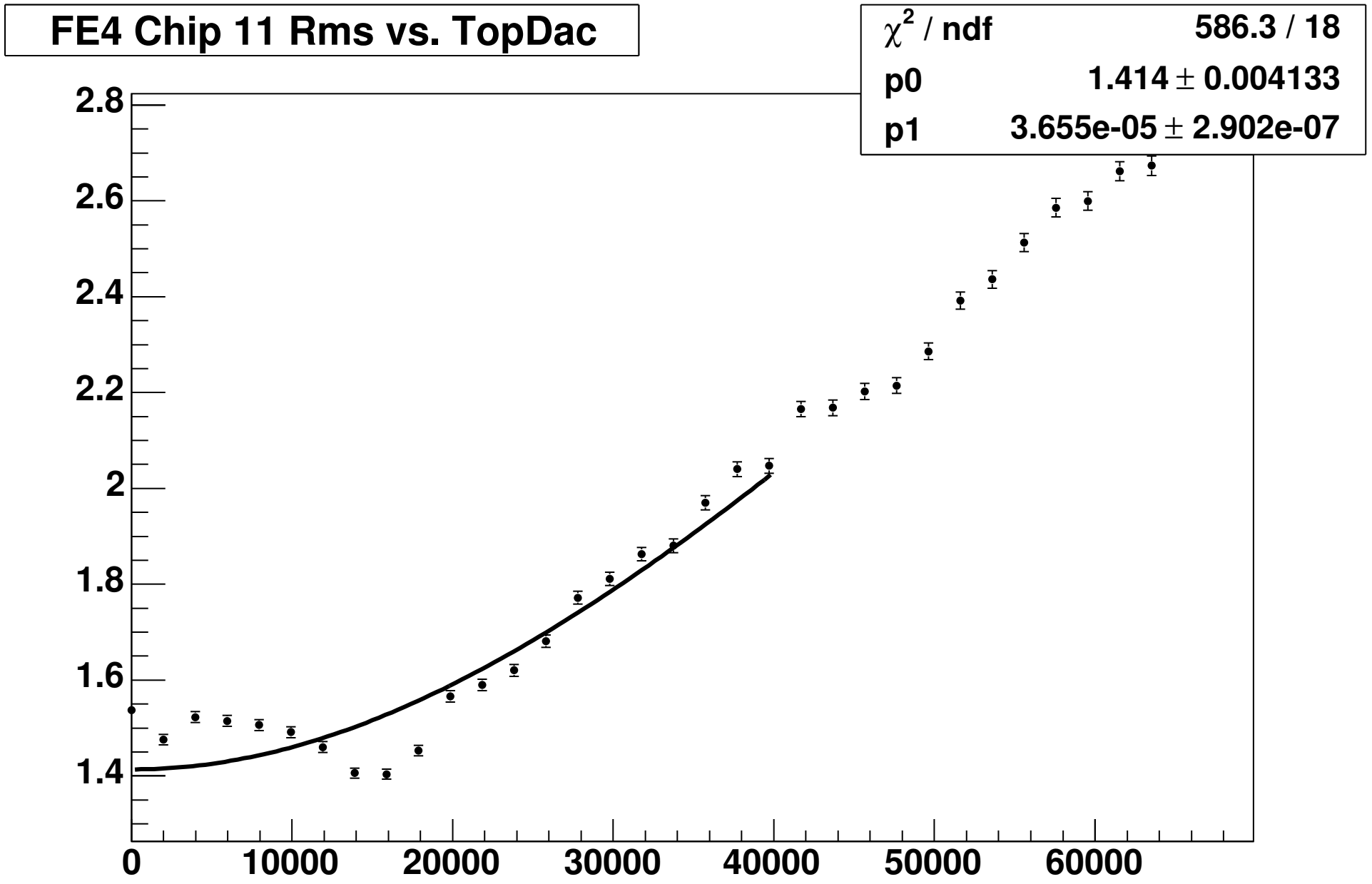
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE4 Chip 11 Rms vs. TopDac
χ² / ndf 586.3 / 18
p0 1.414 ± 0.004133
p1 3.655e-05 ± 2.902e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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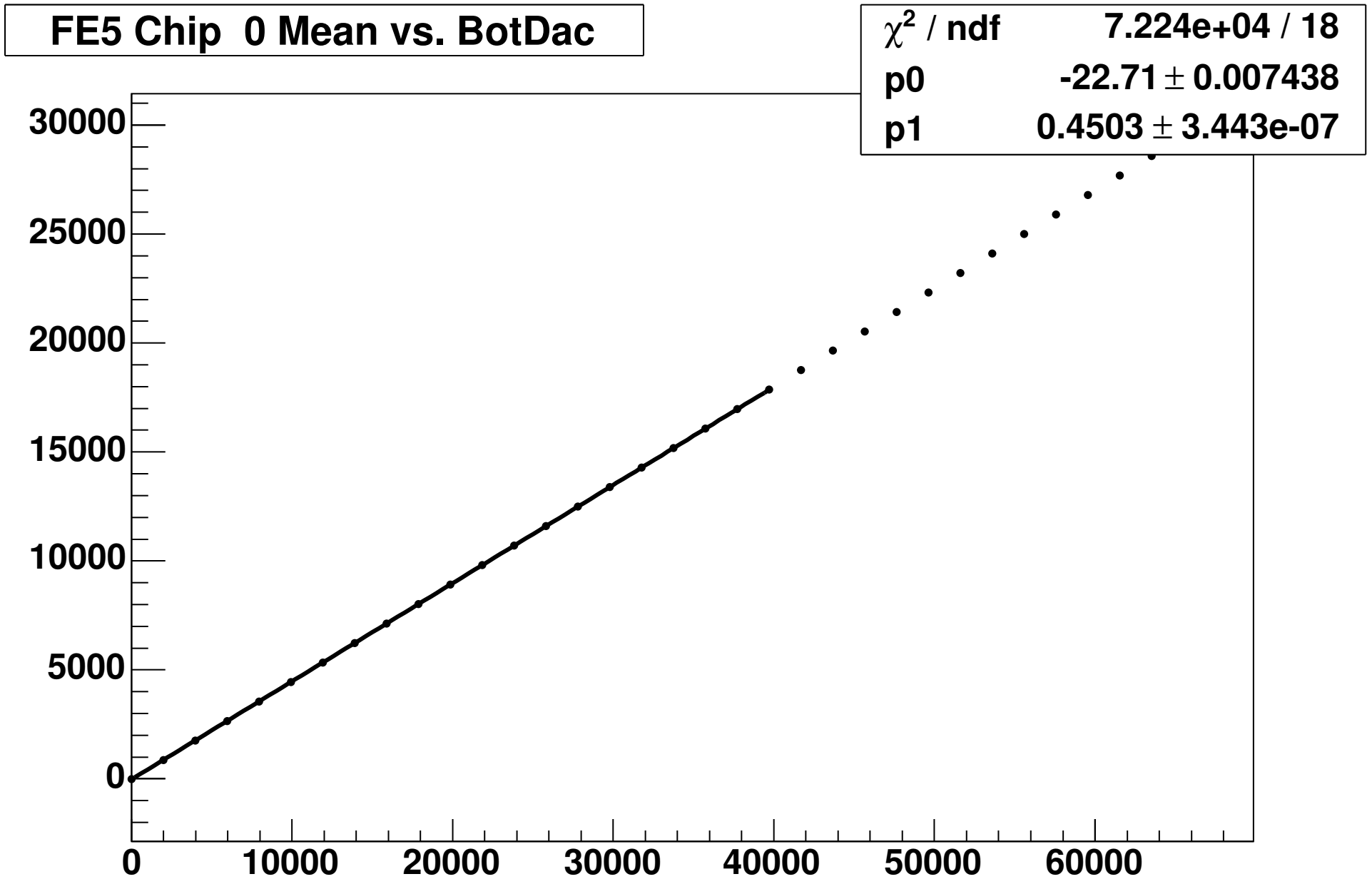
FE5 Chip 0 Mean vs. BotDac
χ² / ndf 7.224e+04 / 18
p0 -22.71 ± 0.007438
p1 0.4503 ± 3.443e-07
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0
10000
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40000
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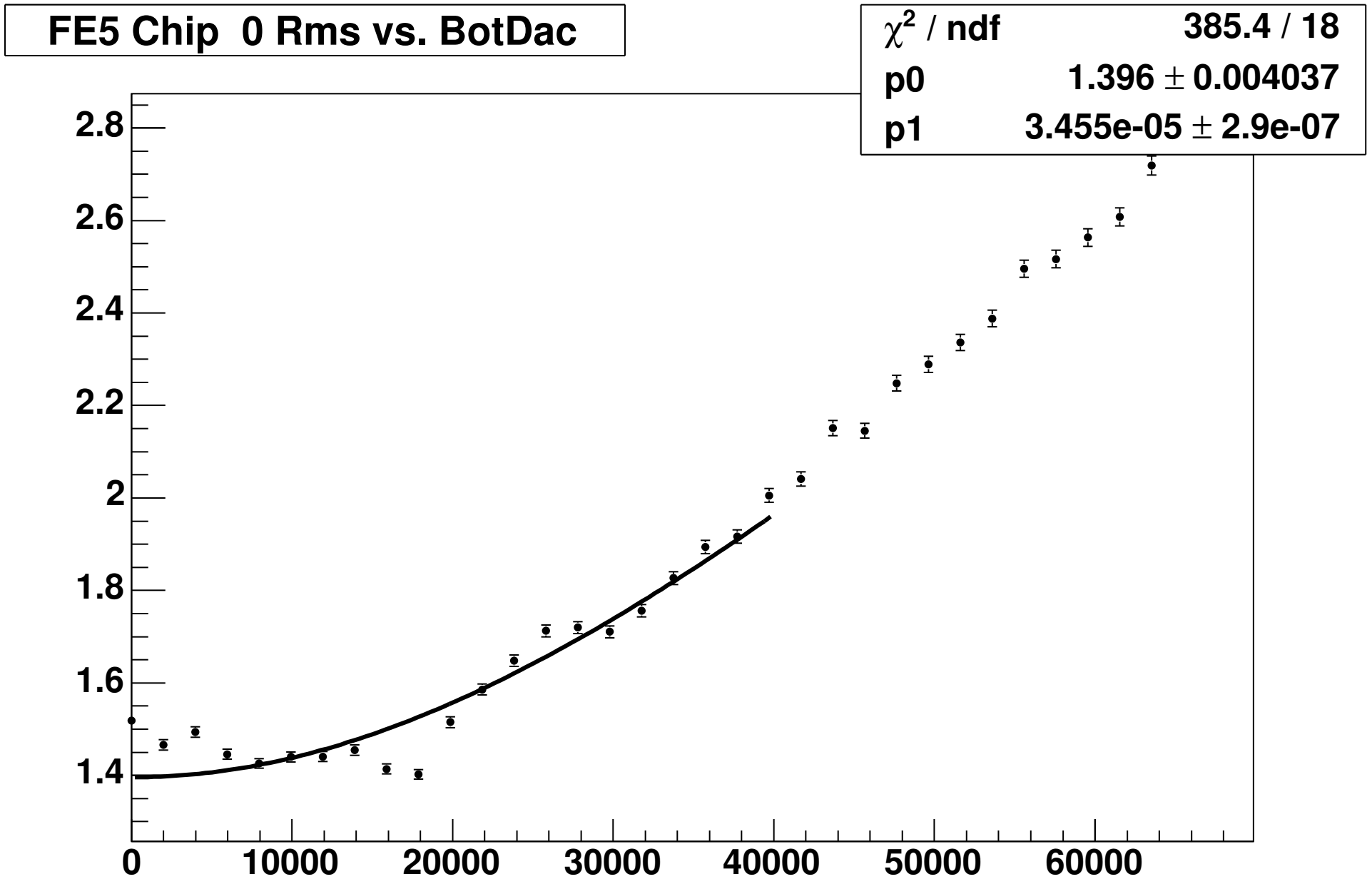
60000


FE5 Chip 0 Rms vs. BotDac
χ² / ndf 385.4 / 18
p0 1.396 ± 0.004037
p1 3.455e-05 ± 2.9e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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10000
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30000
40000
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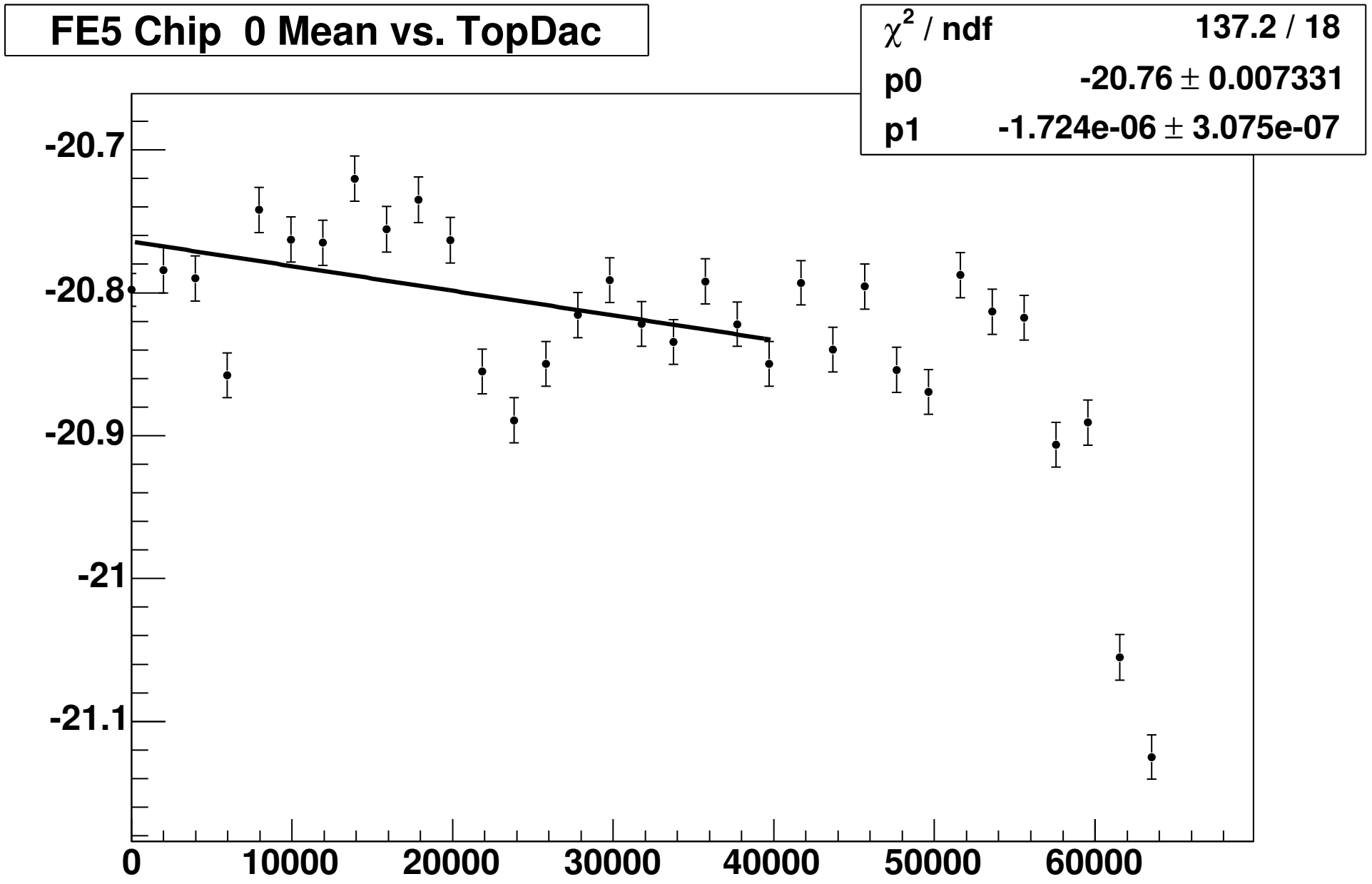
FE5 Chip 0 Mean vs. TopDac
χ² / ndf 137.2 / 18
p0 -20.76 ± 0.007331
p1 -1.724e-06 ± 3.075e-07
-20.7
-20.8
-20.9
-21
-21.1
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30000
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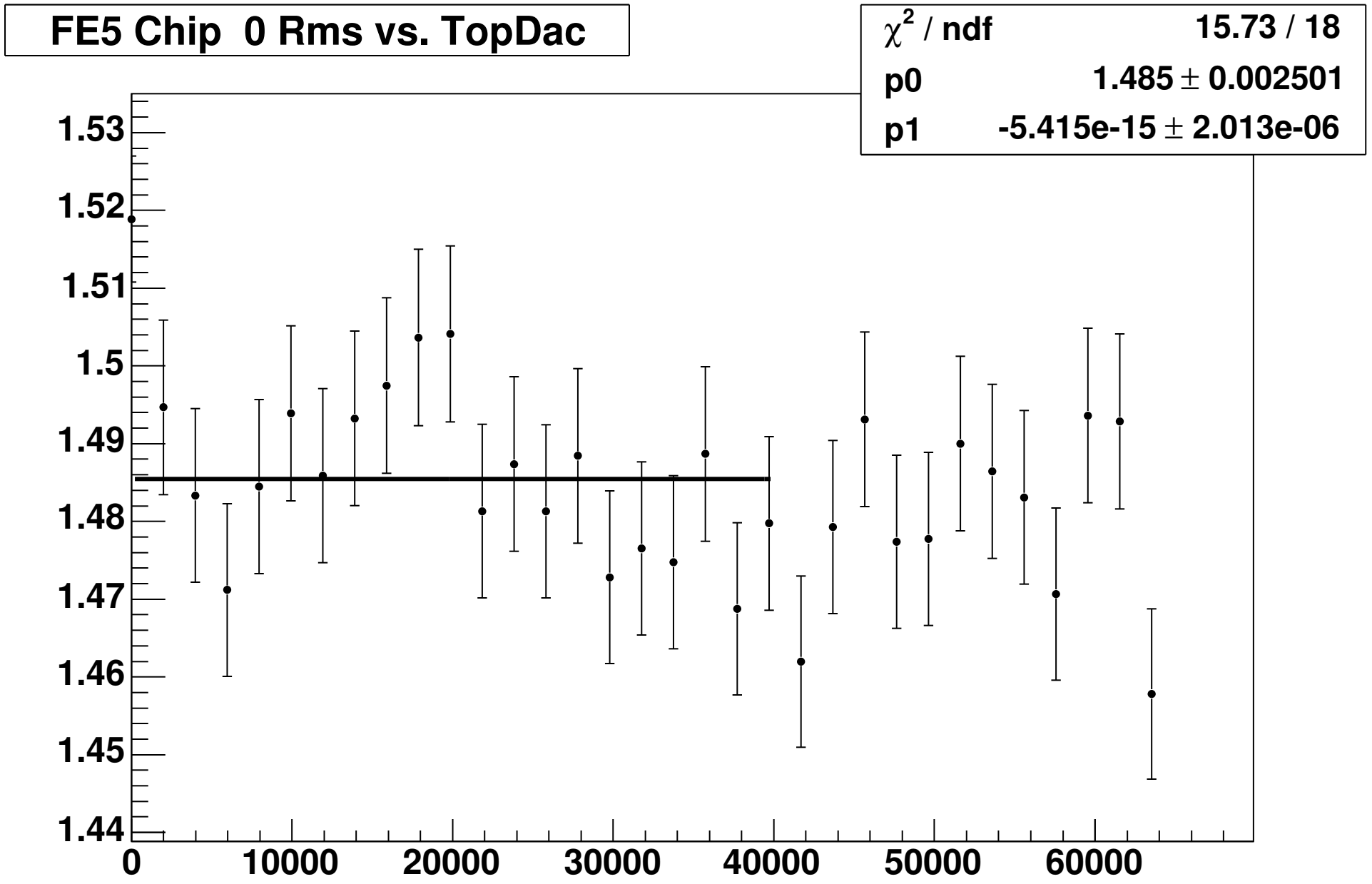
60000


FE5 Chip 0 Rms vs. TopDac
χ² / ndf 15.73 / 18
p0 1.485 ± 0.002501
p1 -5.415e-15 ± 2.013e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
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10000
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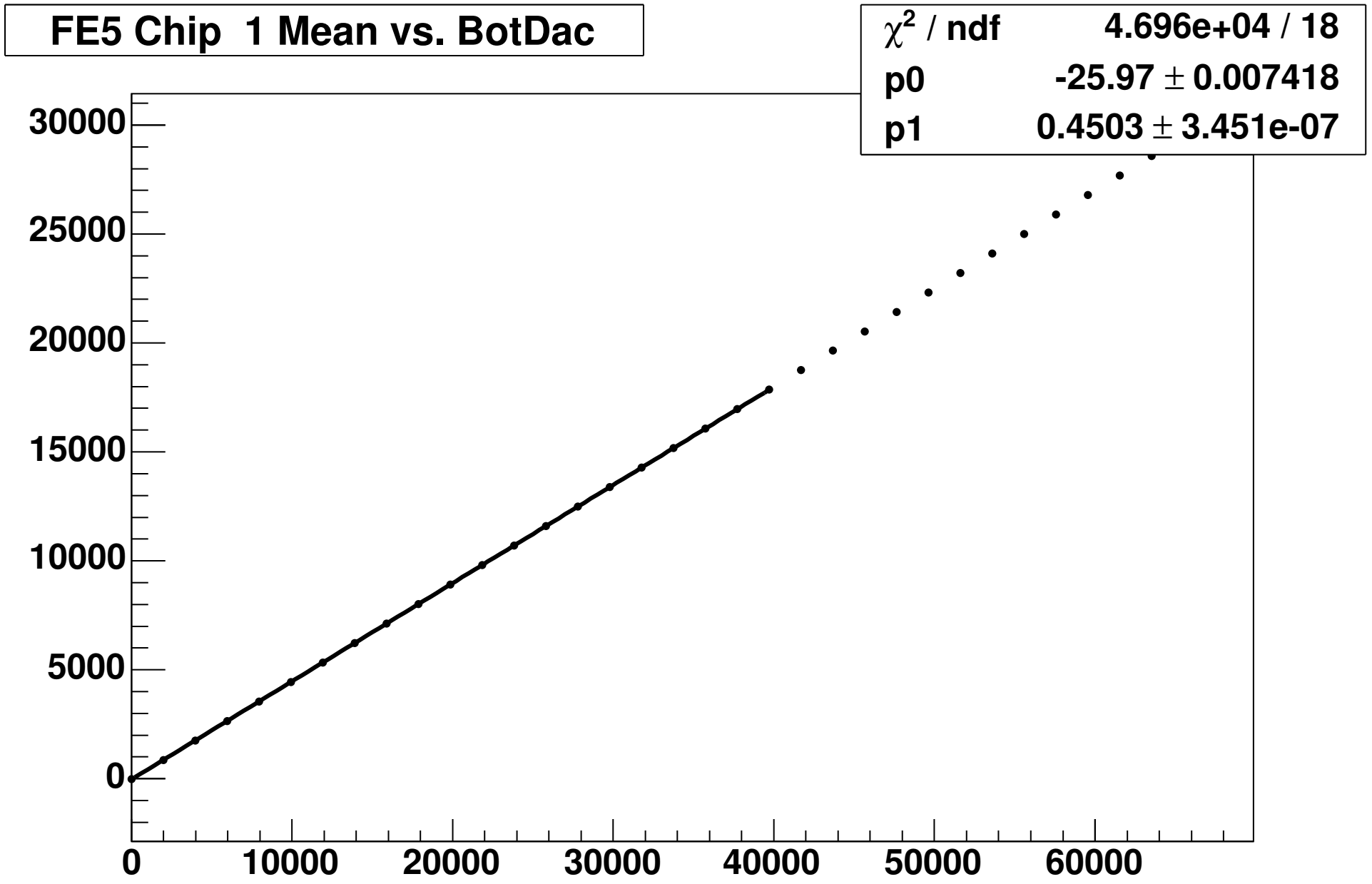
FE5 Chip 1 Mean vs. BotDac
χ² / ndf 4.696e+04 / 18
p0 -25.97 ± 0.007418
p1 0.4503 ± 3.451e-07
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25000
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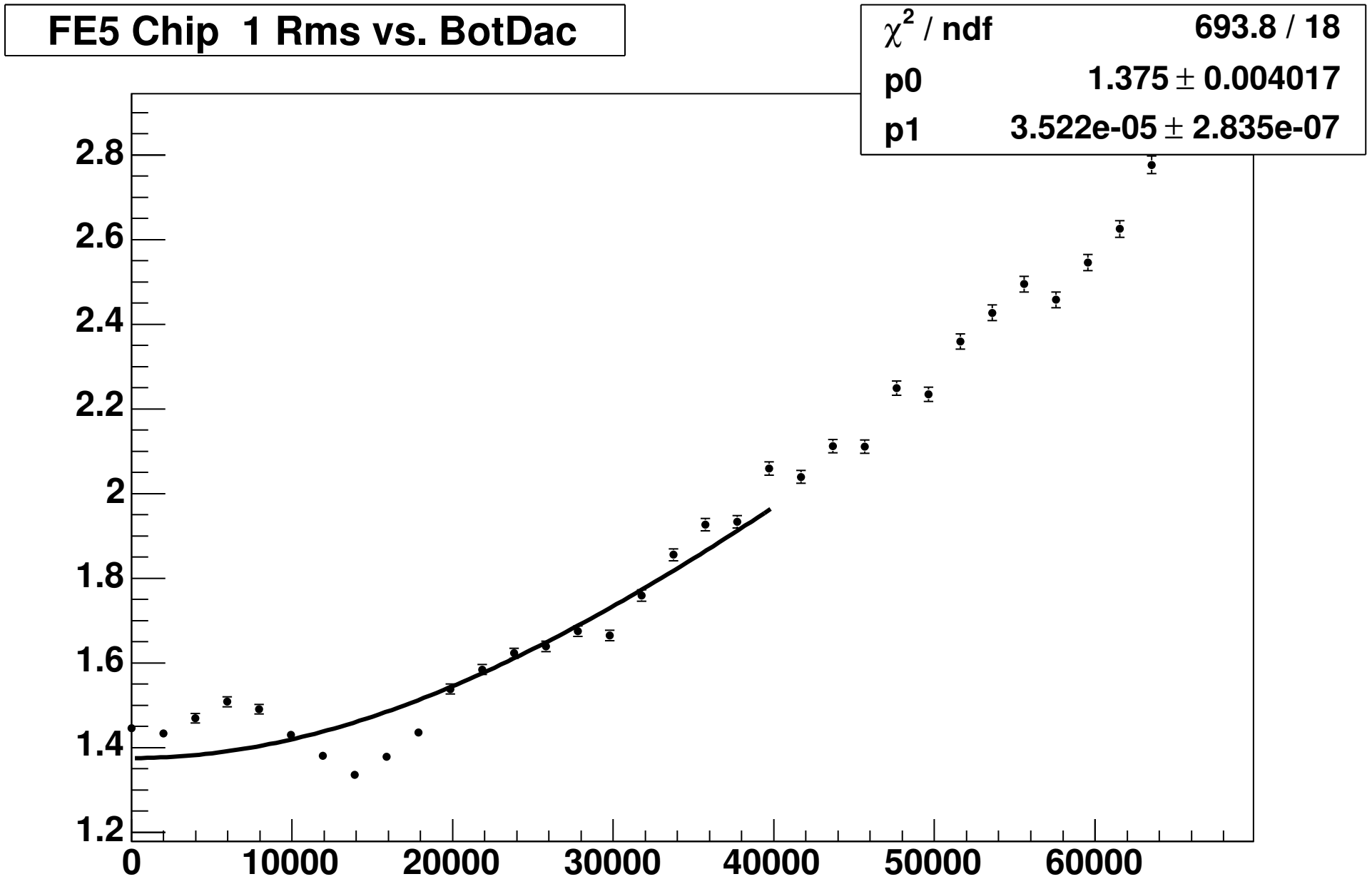
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 1 Rms vs. BotDac
χ² / ndf 693.8 / 18
p0 1.375 ± 0.004017
p1 3.522e-05 ± 2.835e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
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10000
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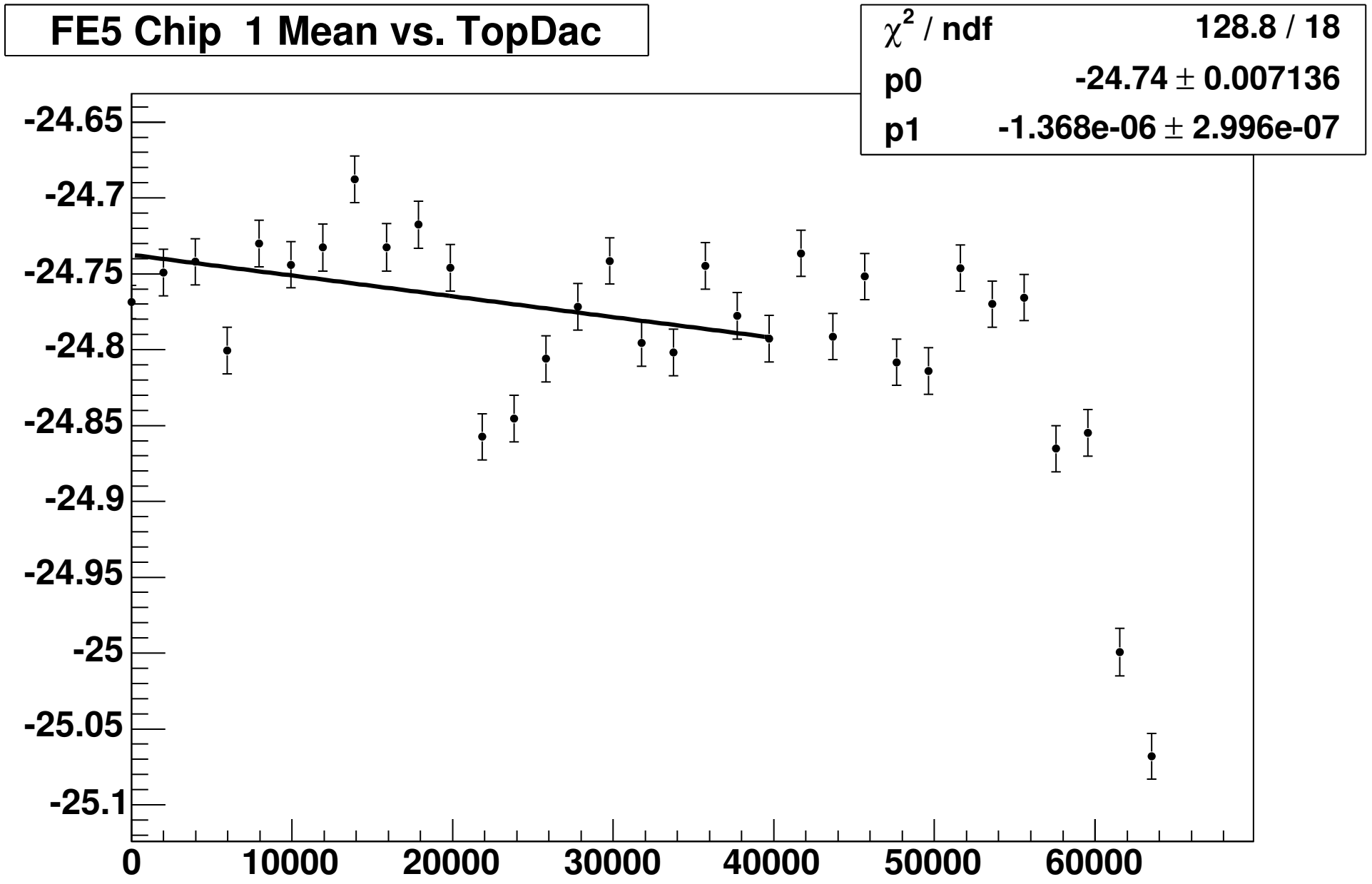
FE5 Chip 1 Mean vs. TopDac
χ² / ndf 128.8 / 18
p0 -24.74 ± 0.007136
p1 -1.368e-06 ± 2.996e-07
-24.65
-24.7
-24.75
-24.8
-24.85
-24.9
-24.95
-25
-25.05
-25.1
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10000
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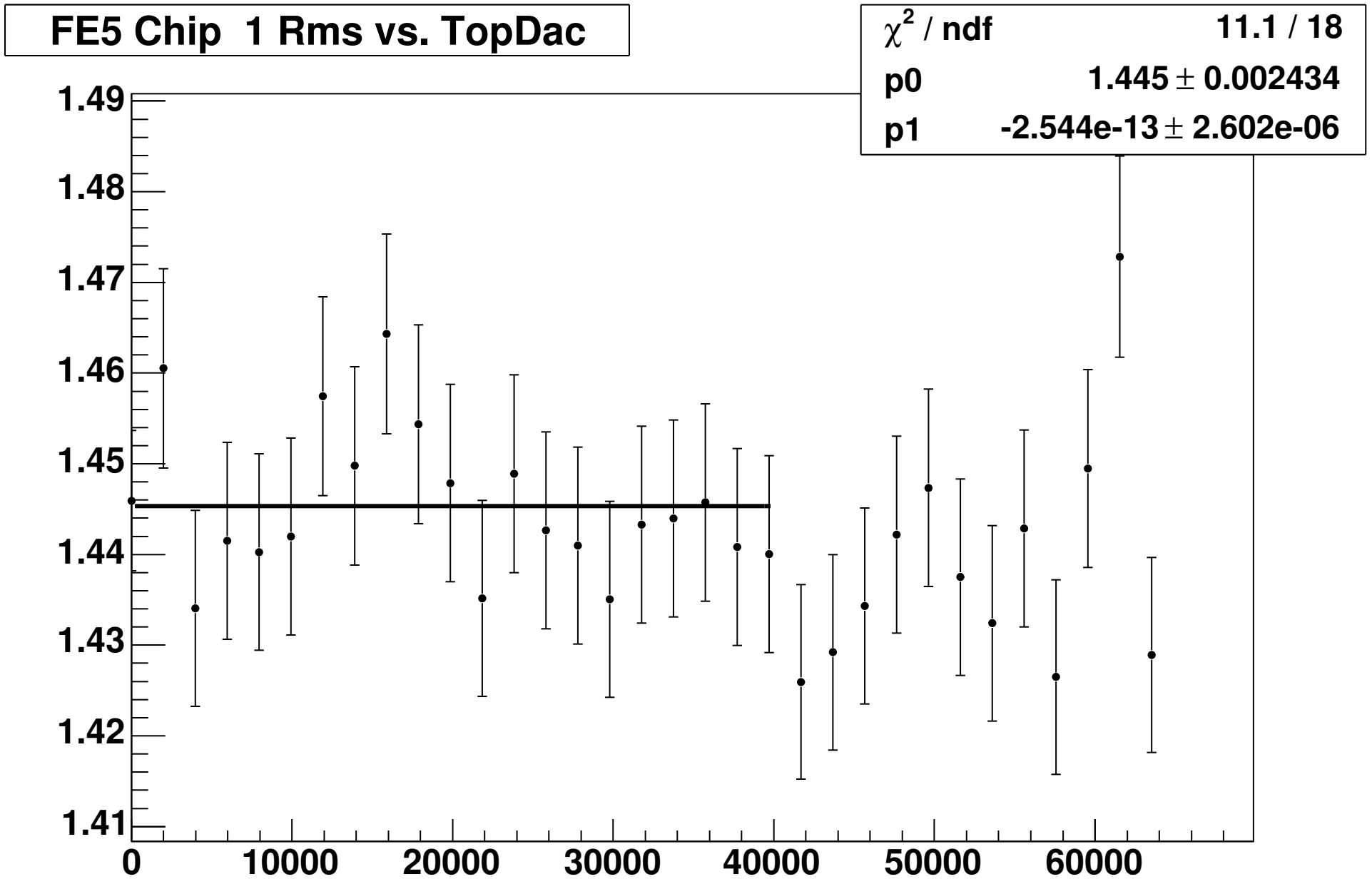
60000


FE5 Chip 1 Rms vs. TopDac
χ² / ndf 11.1 / 18
p0 1.445 ± 0.002434
p1 -2.544e-13 ± 2.602e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
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30000
40000
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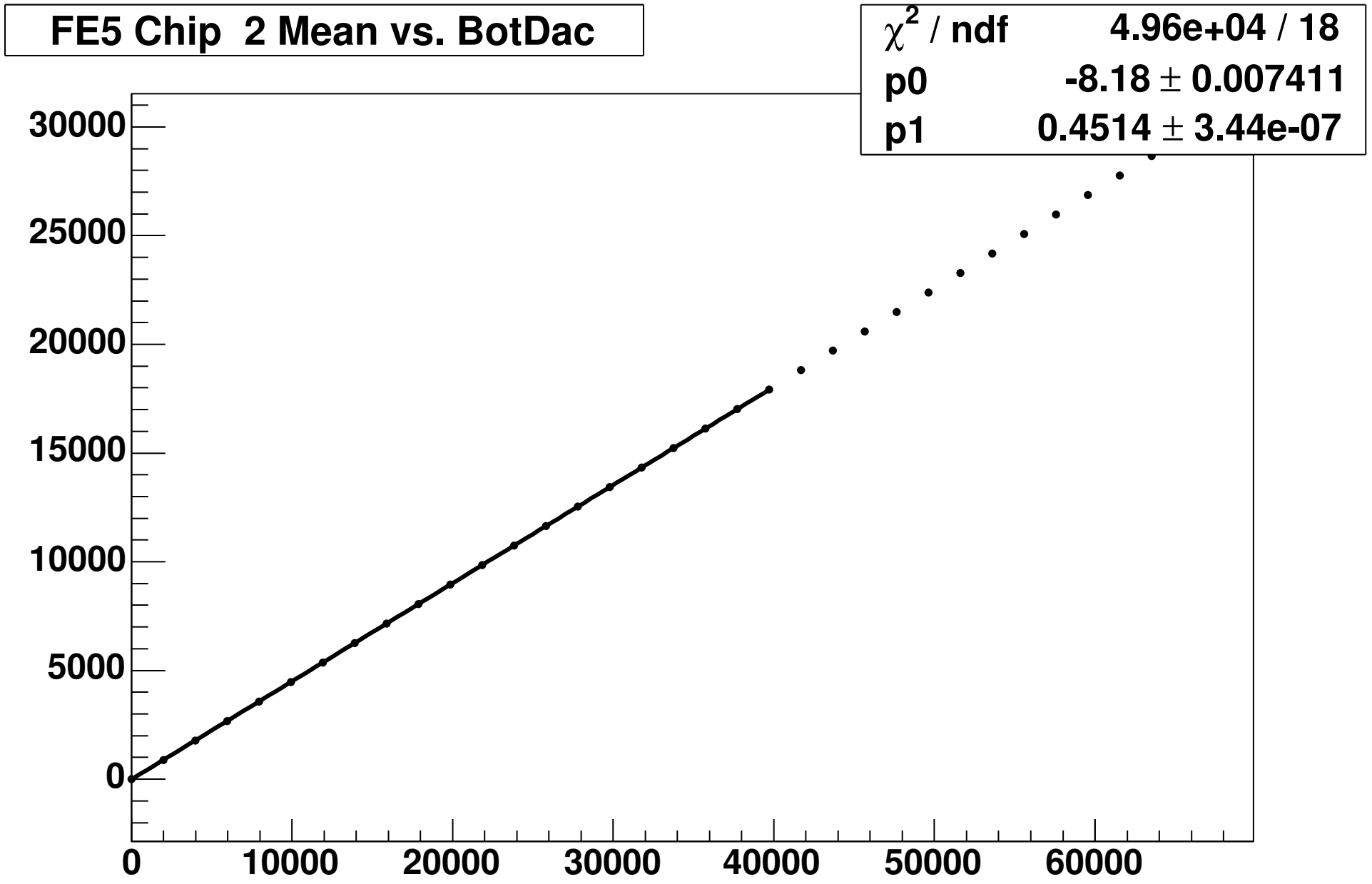
60000


FE5 Chip 2 Mean vs. BotDac
χ² / ndf 4.96e+04 / 18
p0 -8.18 ± 0.007411
p1 0.4514 ± 3.44e-07
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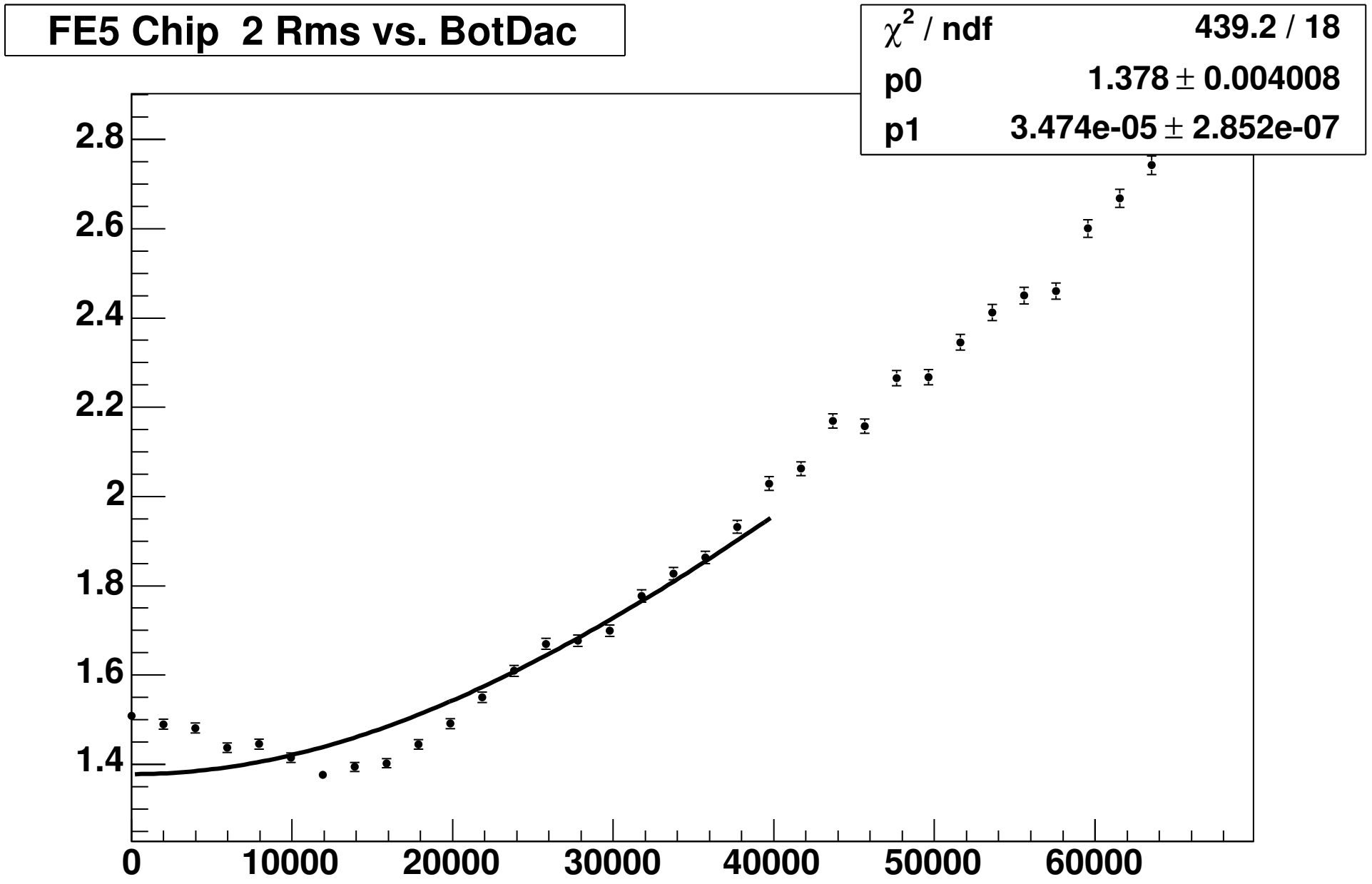
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 2 Rms vs. BotDac
χ² / ndf 439.2 / 18
p0 1.378 ± 0.004008
p1 3.474e-05 ± 2.852e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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10000
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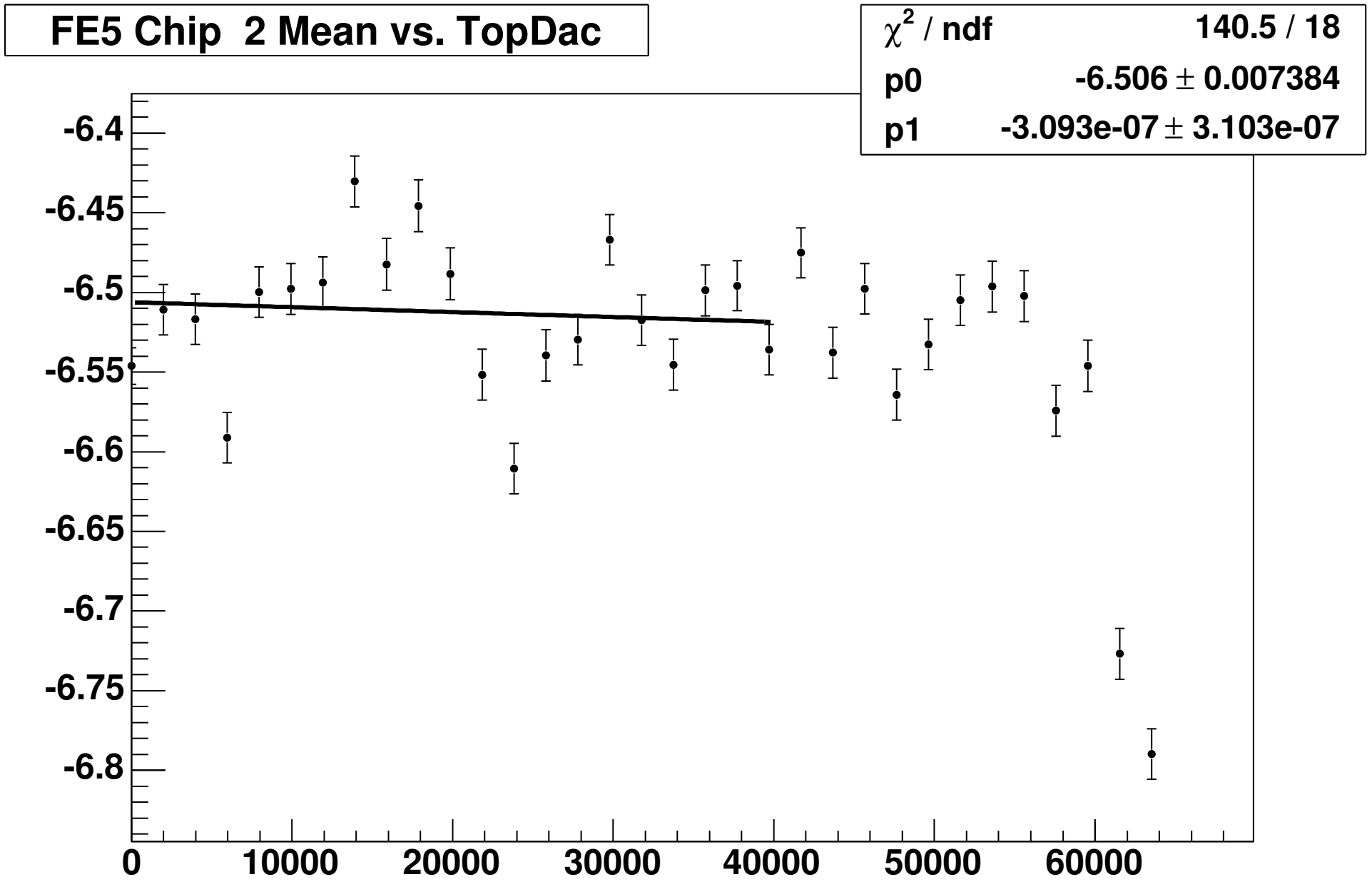
60000


FE5 Chip 2 Mean vs. TopDac
χ² / ndf 140.5 / 18
p0 -6.506 ± 0.007384
p1 -3.093e-07 ± 3.103e-07
-6.4
-6.45
-6.5
-6.55
-6.6
-6.65
-6.7
-6.75
-6.8
0
10000
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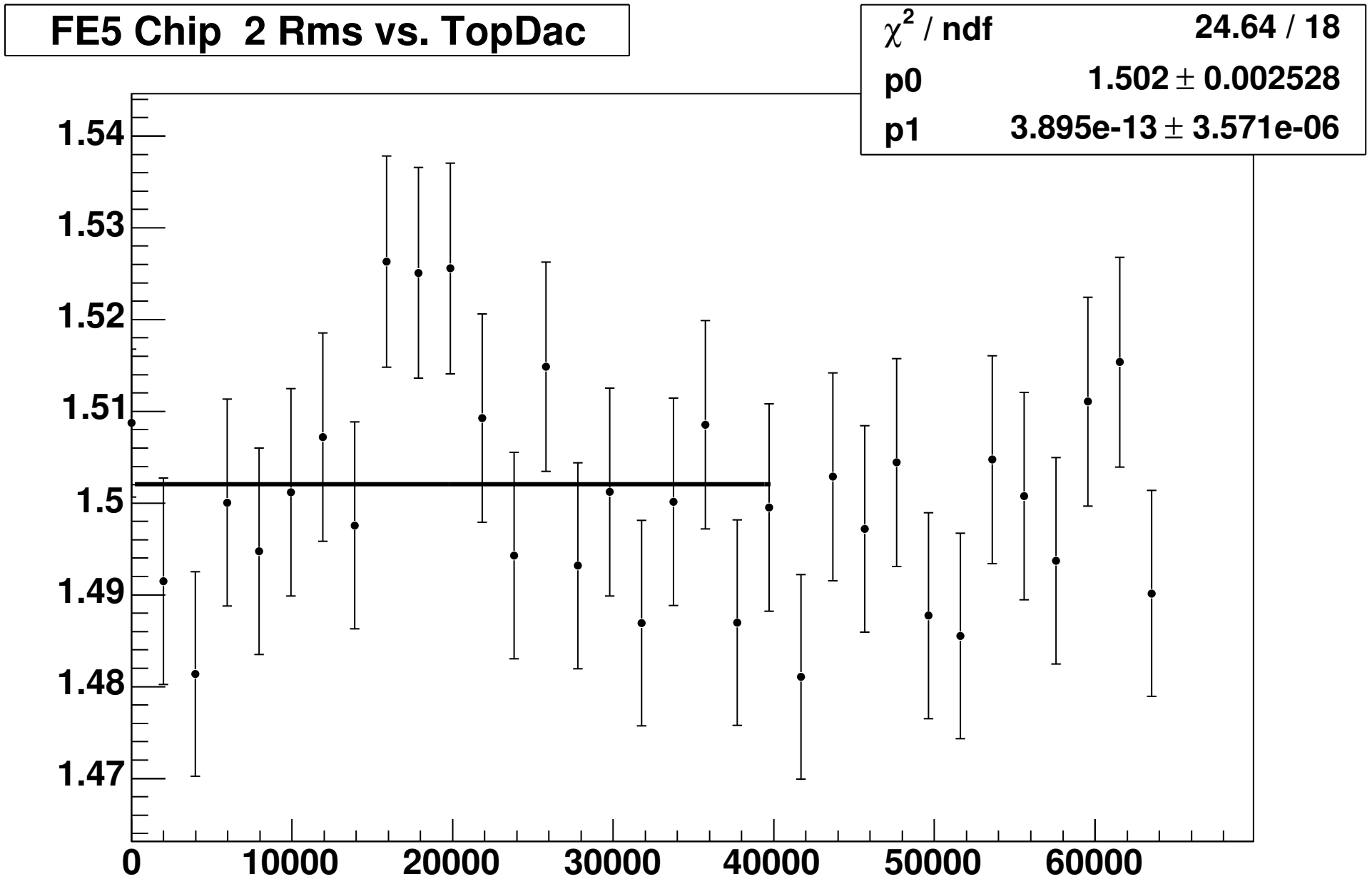
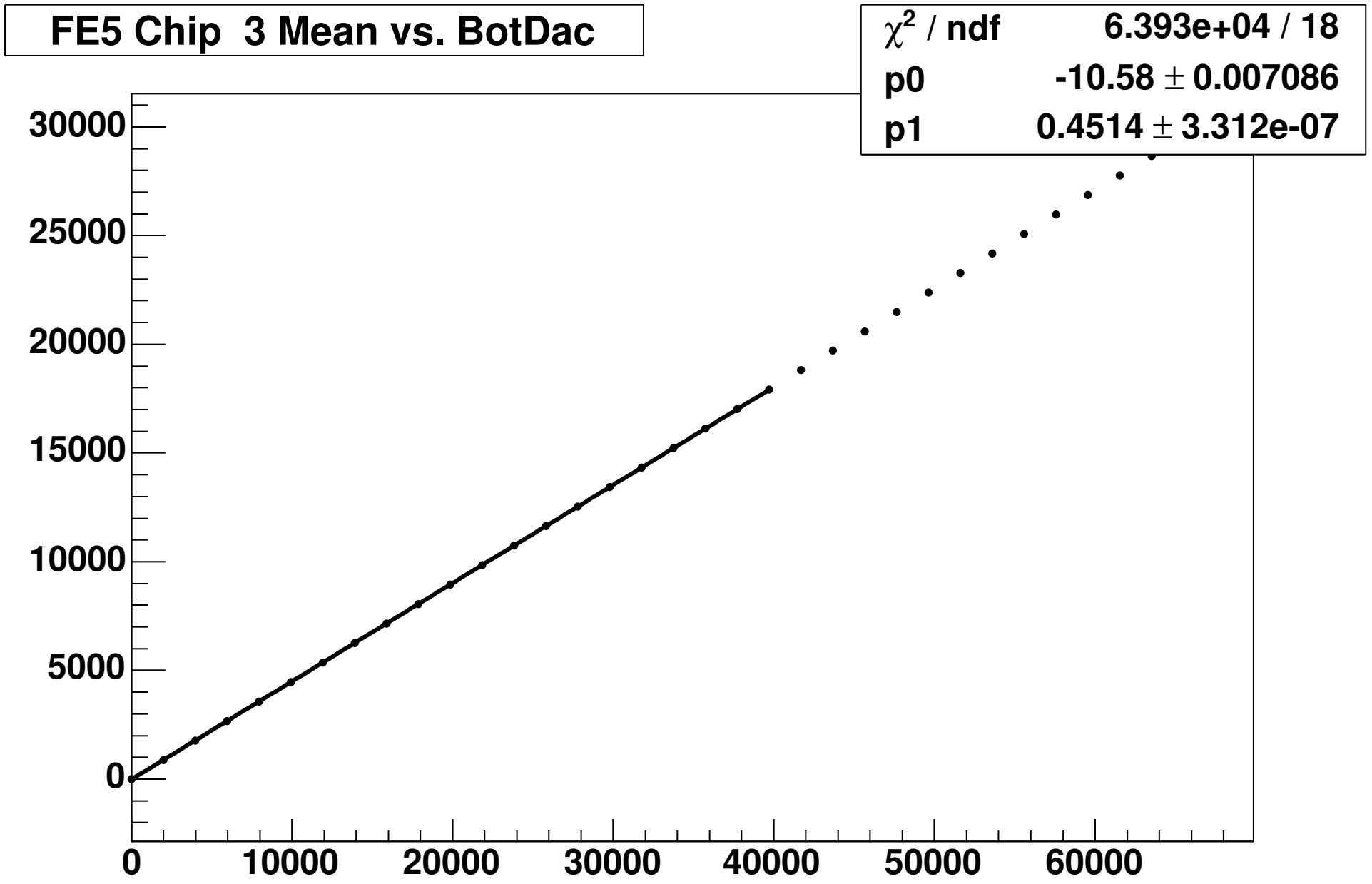
40000
50000
60000


FE5 Chip 2 Rms vs. TopDac
χ² / ndf 24.64 / 18
p0 1.502 ± 0.002528
p1 3.895e-13 ± 3.571e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
0
10000
20000
30000
40000
50000
60000


FE5 Chip 3 Mean vs. BotDac
χ² / ndf 6.393e+04 / 18
p0 -10.58 ± 0.007086
p1 0.4514 ± 3.312e-07
30000
25000
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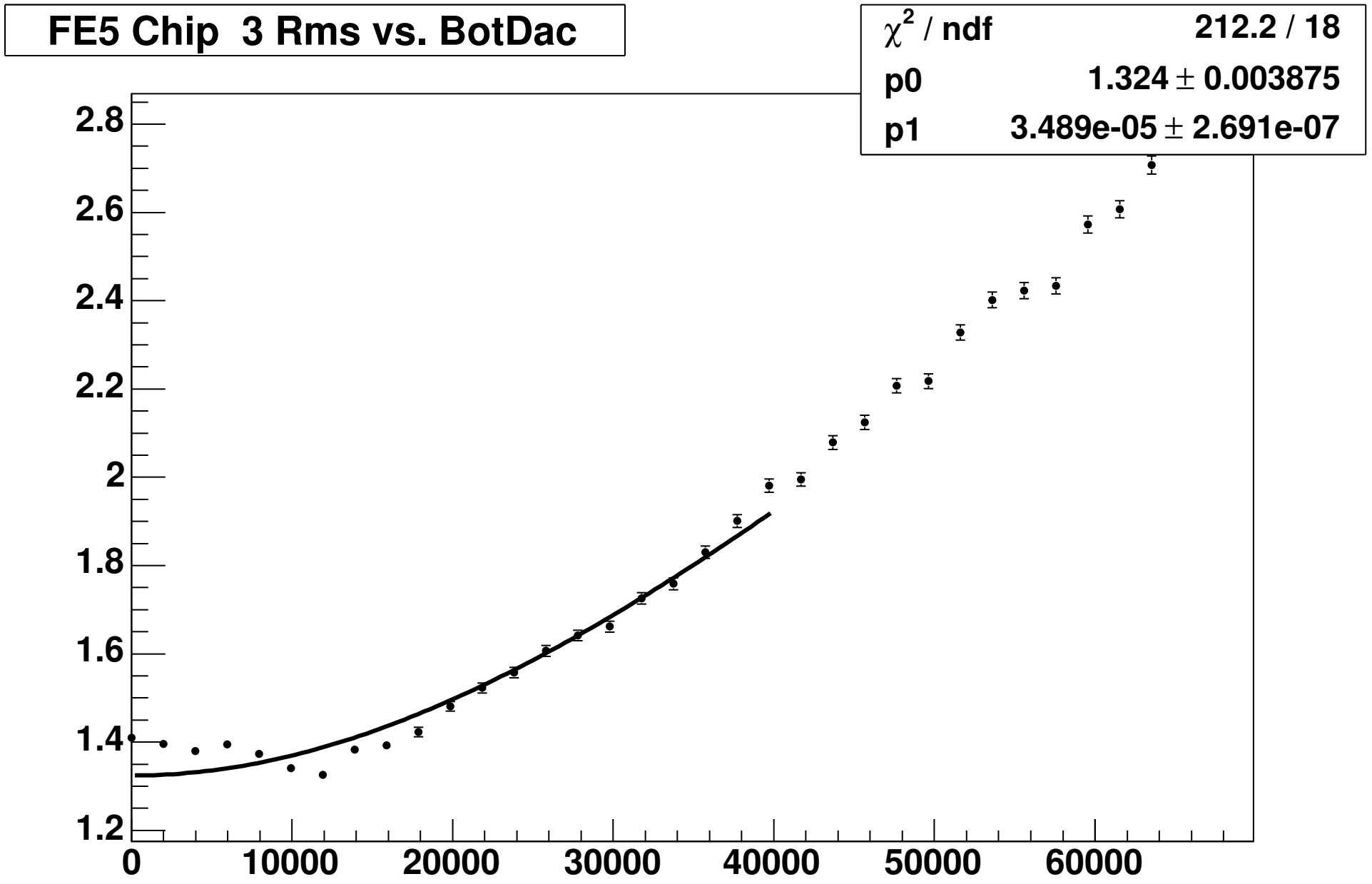
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 3 Rms vs. BotDac
χ² / ndf 212.2 / 18
p0 1.324 ± 0.003875
p1 3.489e-05 ± 2.691e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
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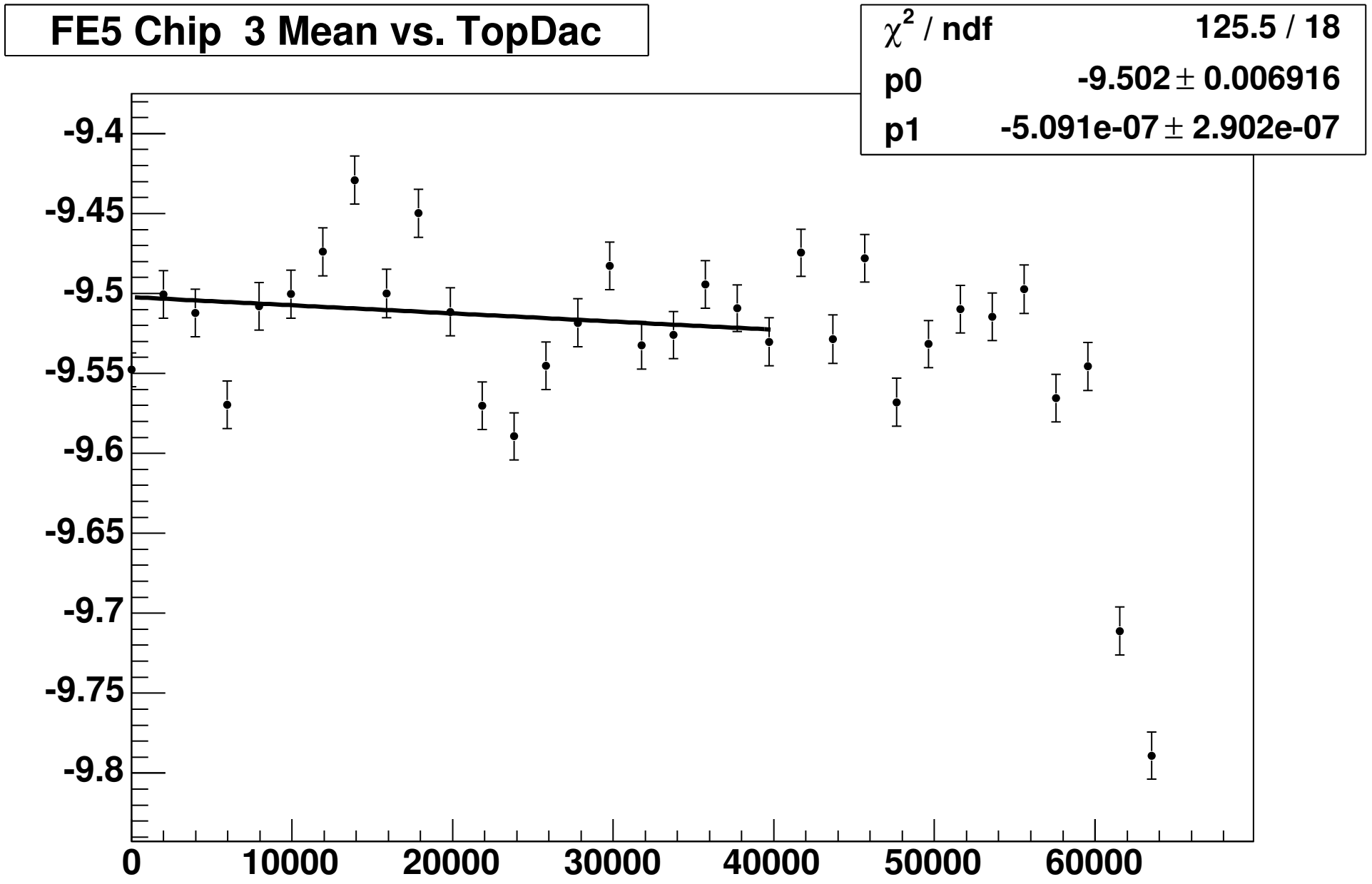
FE5 Chip 3 Mean vs. TopDac
χ² / ndf 125.5 / 18
p0 -9.502 ± 0.006916
p1 -5.091e-07 ± 2.902e-07
-9.4
-9.45
-9.5
-9.55
-9.6
-9.65
-9.7
-9.75
-9.8
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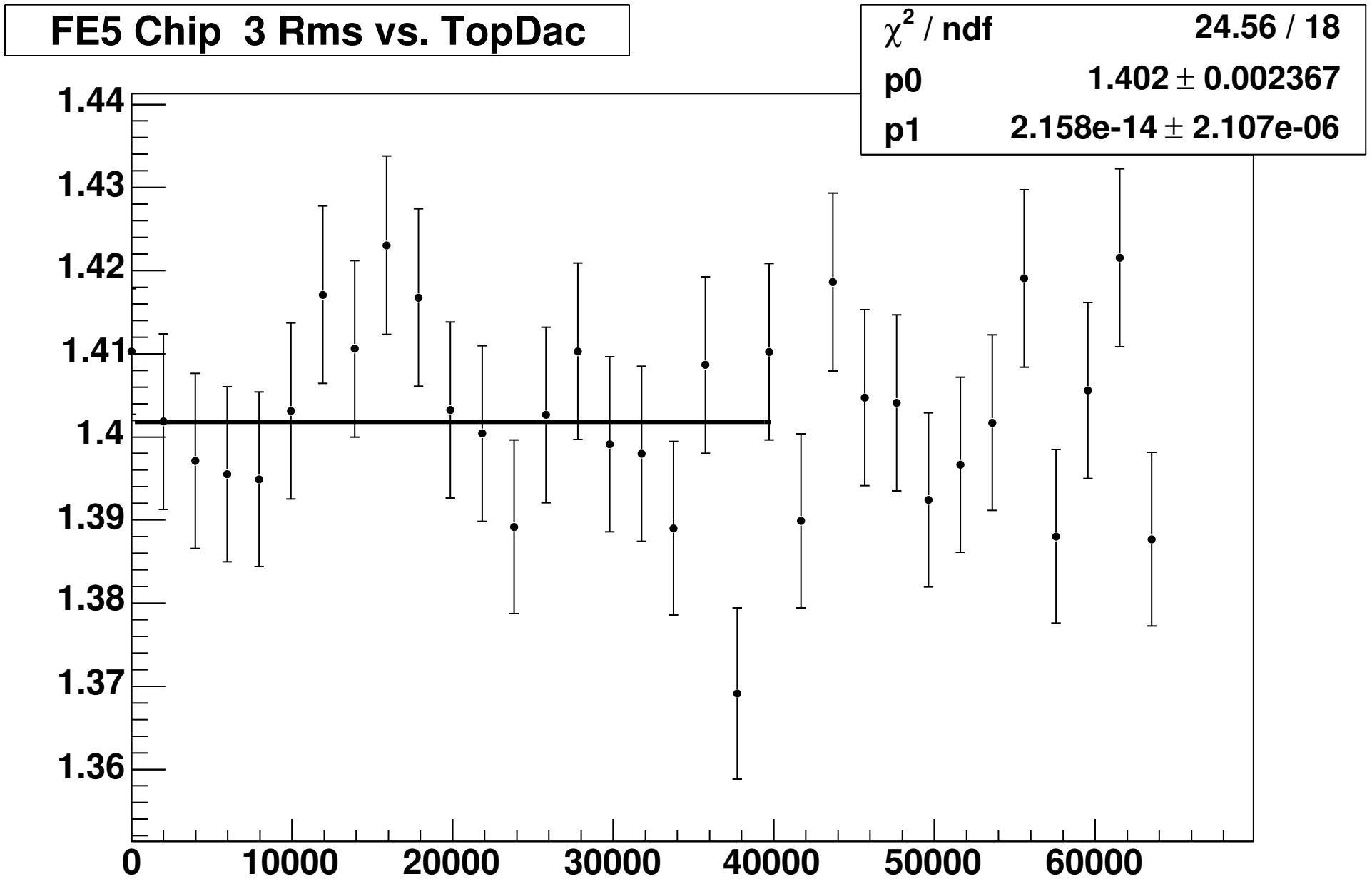
FE5 Chip 3 Rms vs. TopDac
χ² / ndf 24.56 / 18
p0 1.402 ± 0.002367
p1 2.158e-14 ± 2.107e-06
1.44
1.43
1.42
1.41
1.4
1.39
1.38
1.37
1.36
0
10000
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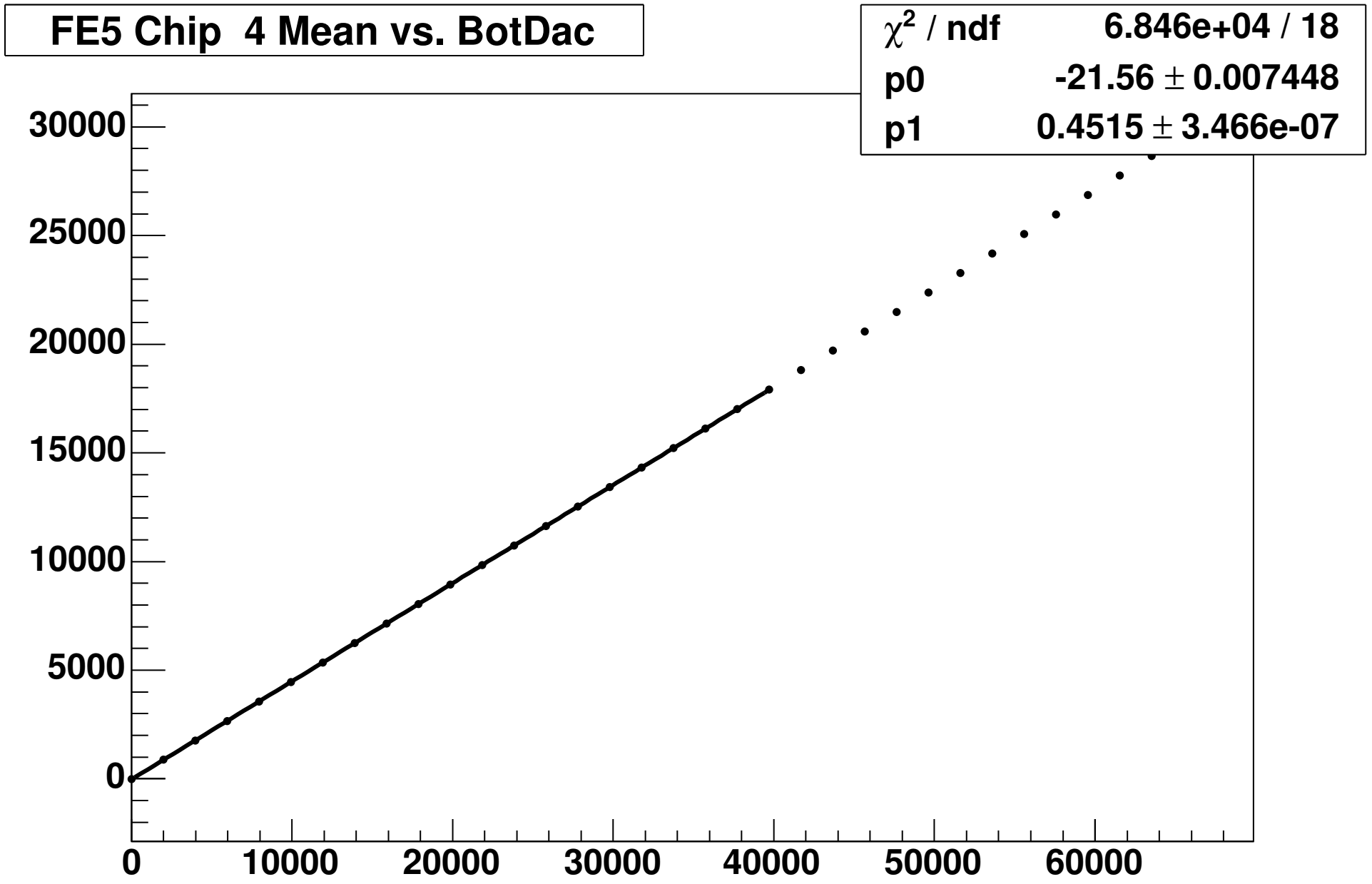
FE5 Chip 4 Mean vs. BotDac
χ² / ndf 6.846e+04 / 18
p0 -21.56 ± 0.007448
p1 0.4515 ± 3.466e-07
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5000
0
0
10000
20000
30000
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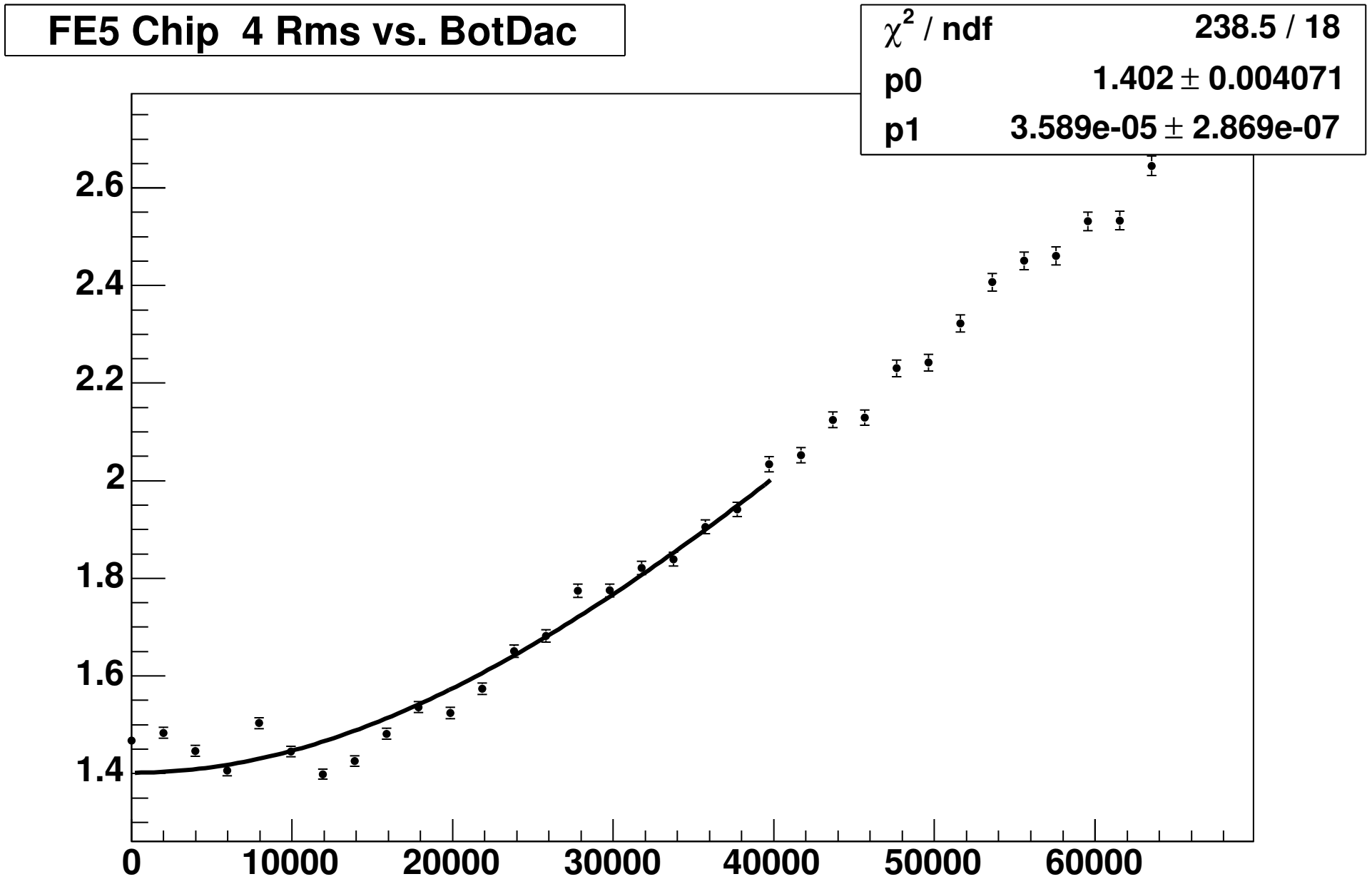
50000
60000


FE5 Chip 4 Rms vs. BotDac
χ² / ndf 238.5 / 18
p0 1.402 ± 0.004071
p1 3.589e-05 ± 2.869e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
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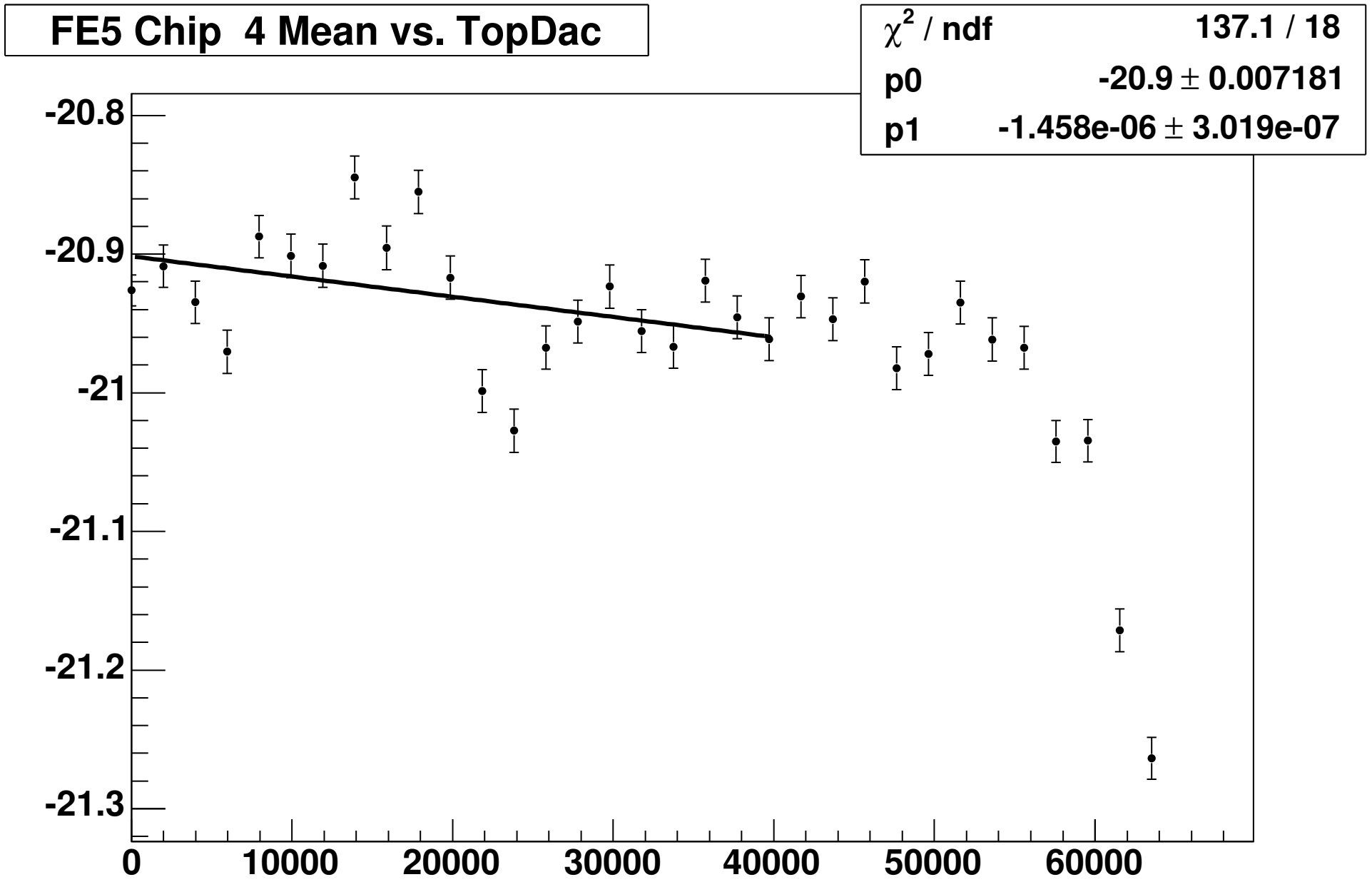
FE5 Chip 4 Mean vs. TopDac
χ² / ndf 137.1 / 18
p0 -20.9 ± 0.007181
p1 -1.458e-06 ± 3.019e-07
-20.8
-20.9
-21
-21.1
-21.2
-21.3
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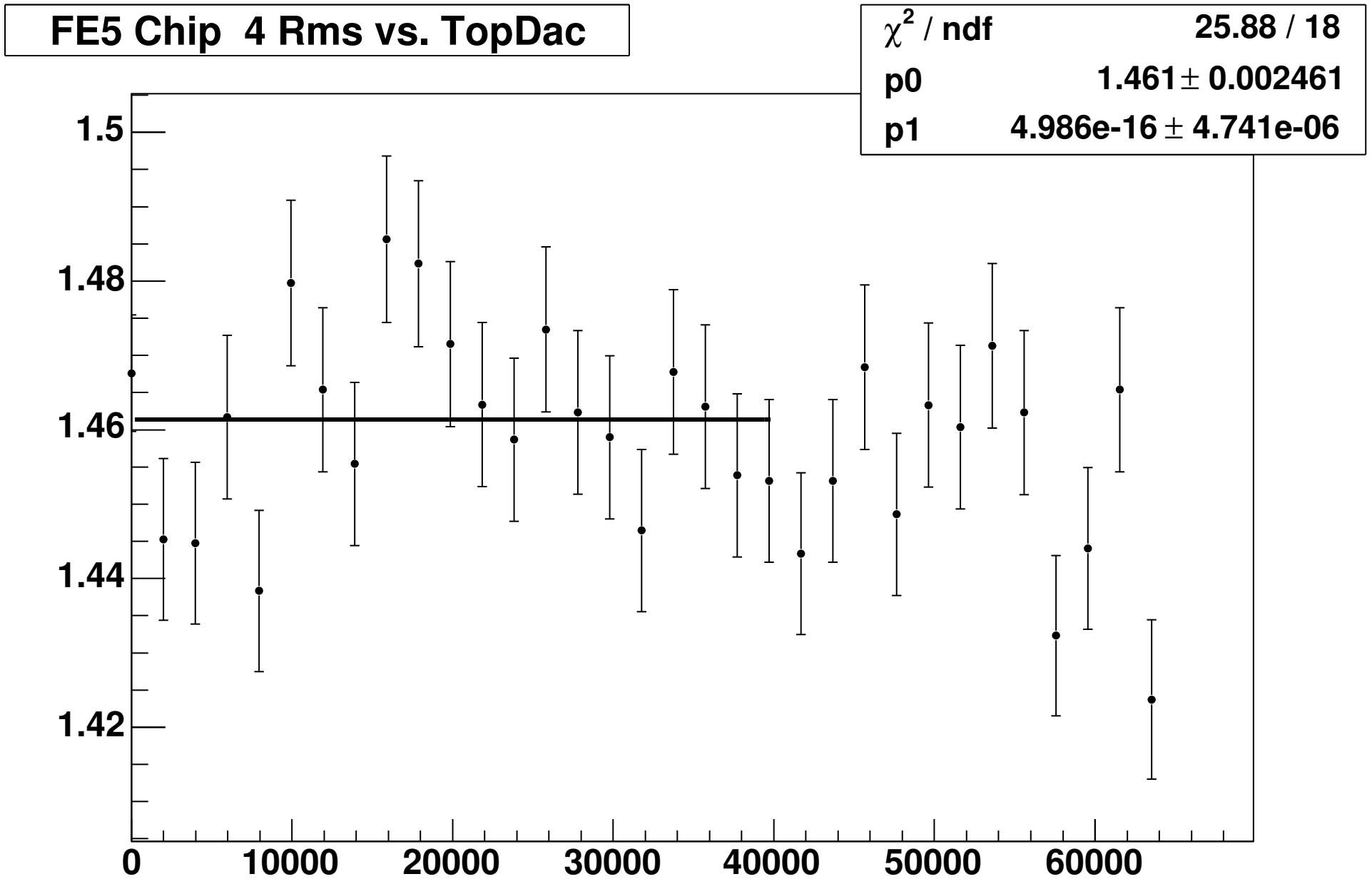
FE5 Chip 4 Rms vs. TopDac
χ² / ndf 25.88 / 18
p0 1.461 ± 0.002461
p1 4.986e-16 ± 4.741e-06
1.5
1.48
1.46
1.44
1.42
0
10000
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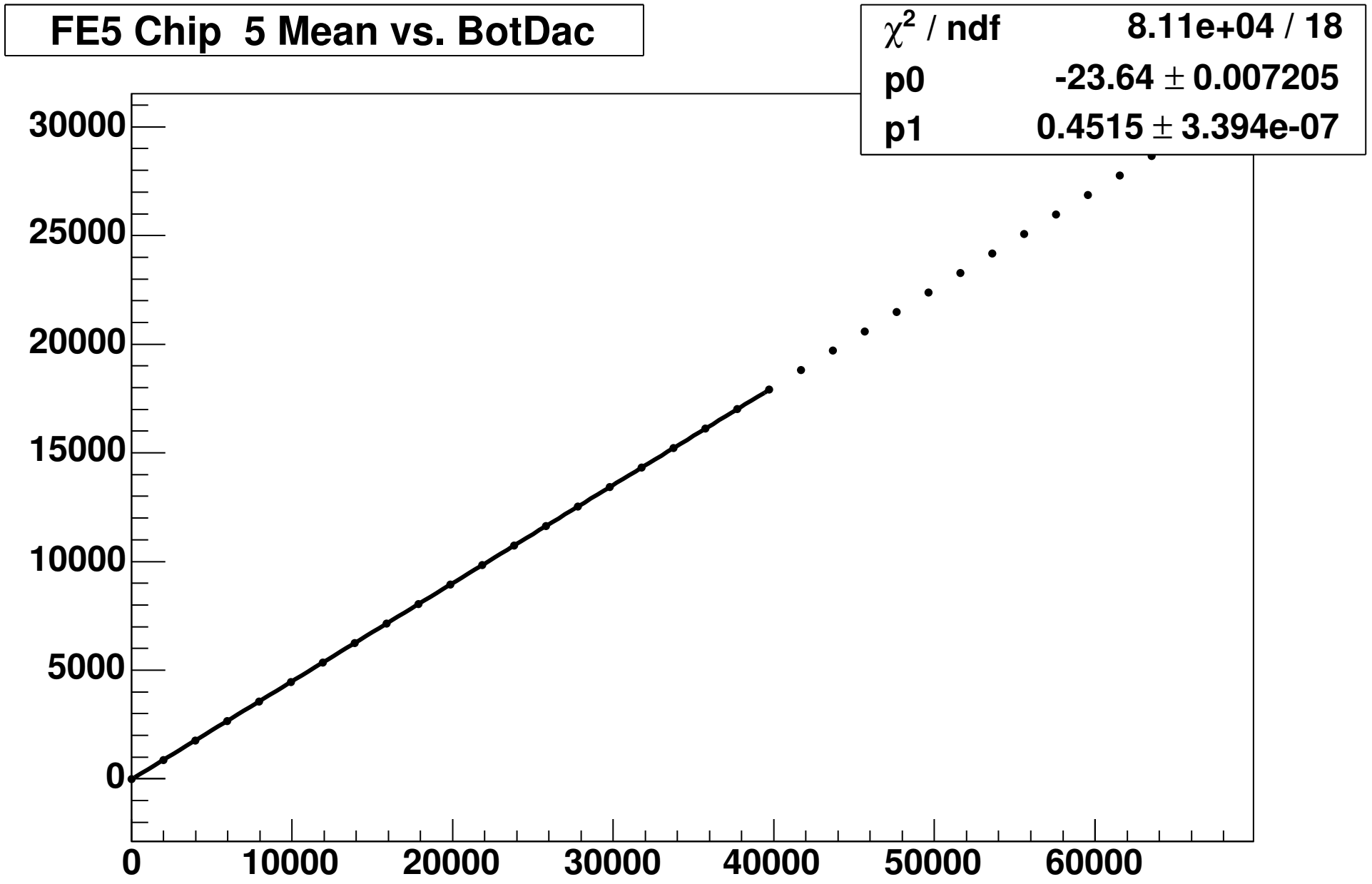
60000


FE5 Chip 5 Mean vs. BotDac
χ² / ndf 8.11e+04 / 18
p0 -23.64 ± 0.007205
p1 0.4515 ± 3.394e-07
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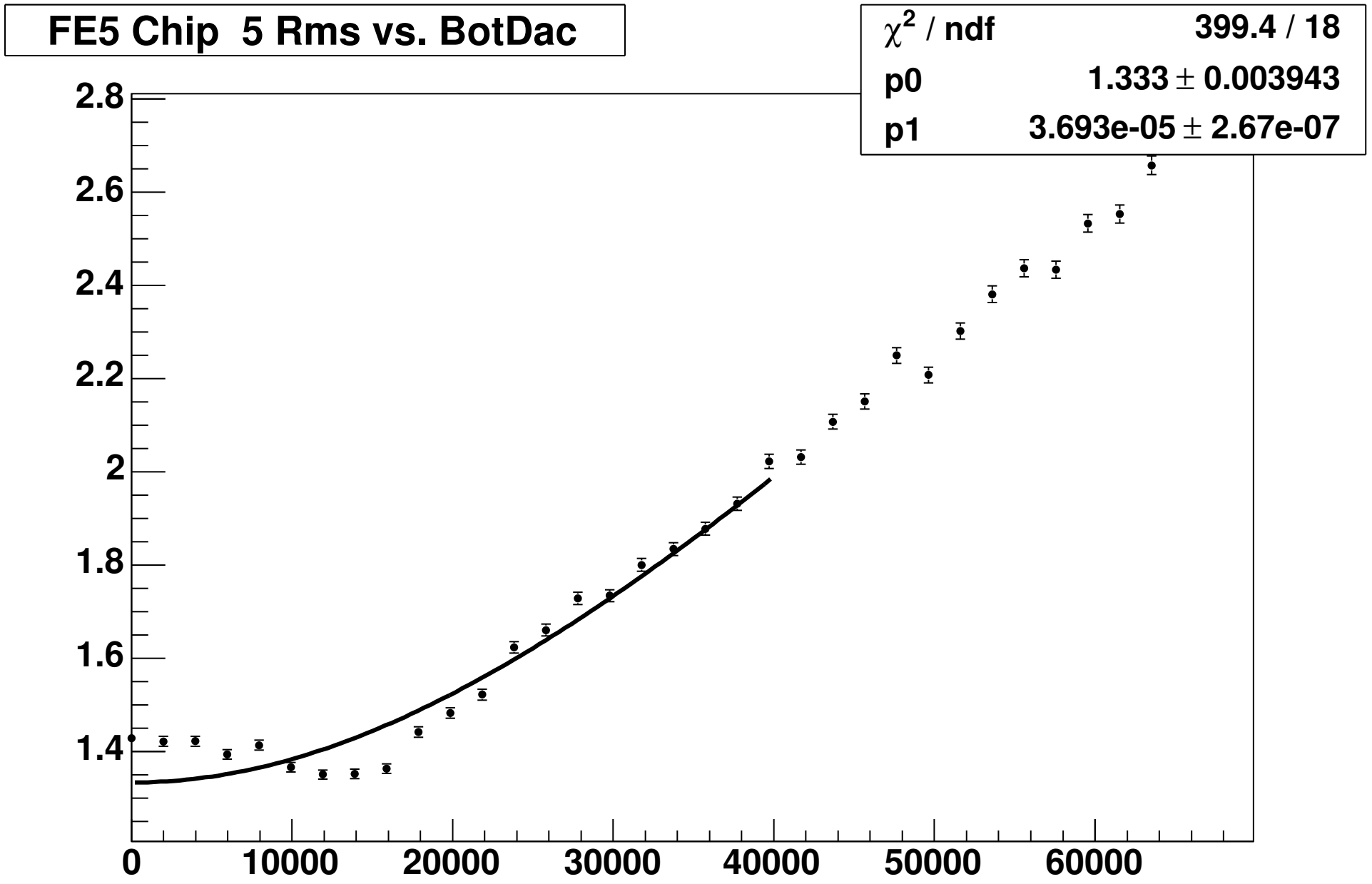
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 5 Rms vs. BotDac
χ² / ndf 399.4 / 18
p0 1.333 ± 0.003943
p1 3.693e-05 ± 2.67e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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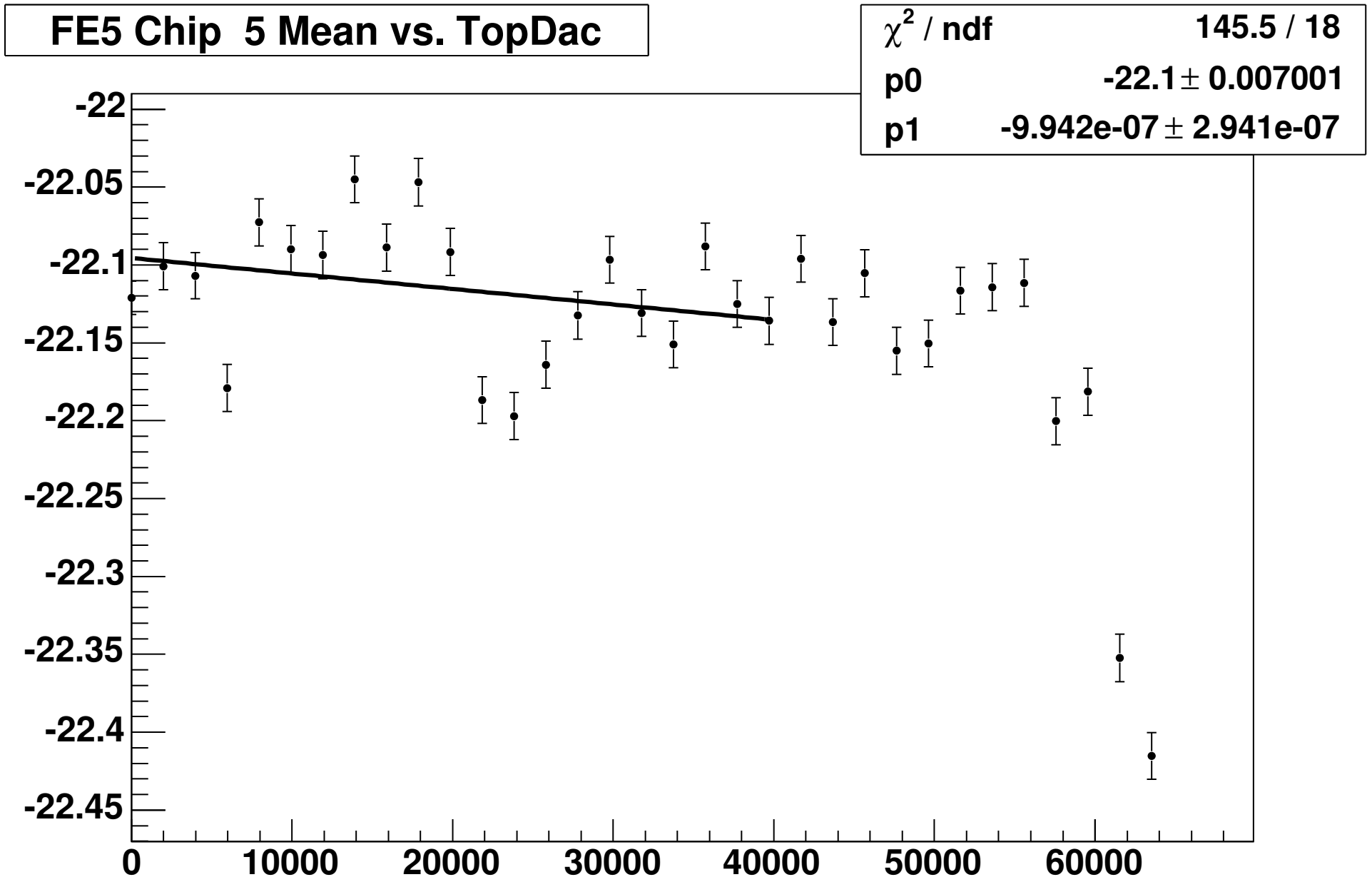
FE5 Chip 5 Mean vs. TopDac
χ² / ndf 145.5 / 18
p0 -22.1 ± 0.007001
p1 -9.942e-07 ± 2.941e-07
-22
-22.05
-22.1
-22.15
-22.2
-22.25
-22.3
-22.35
-22.4
-22.45
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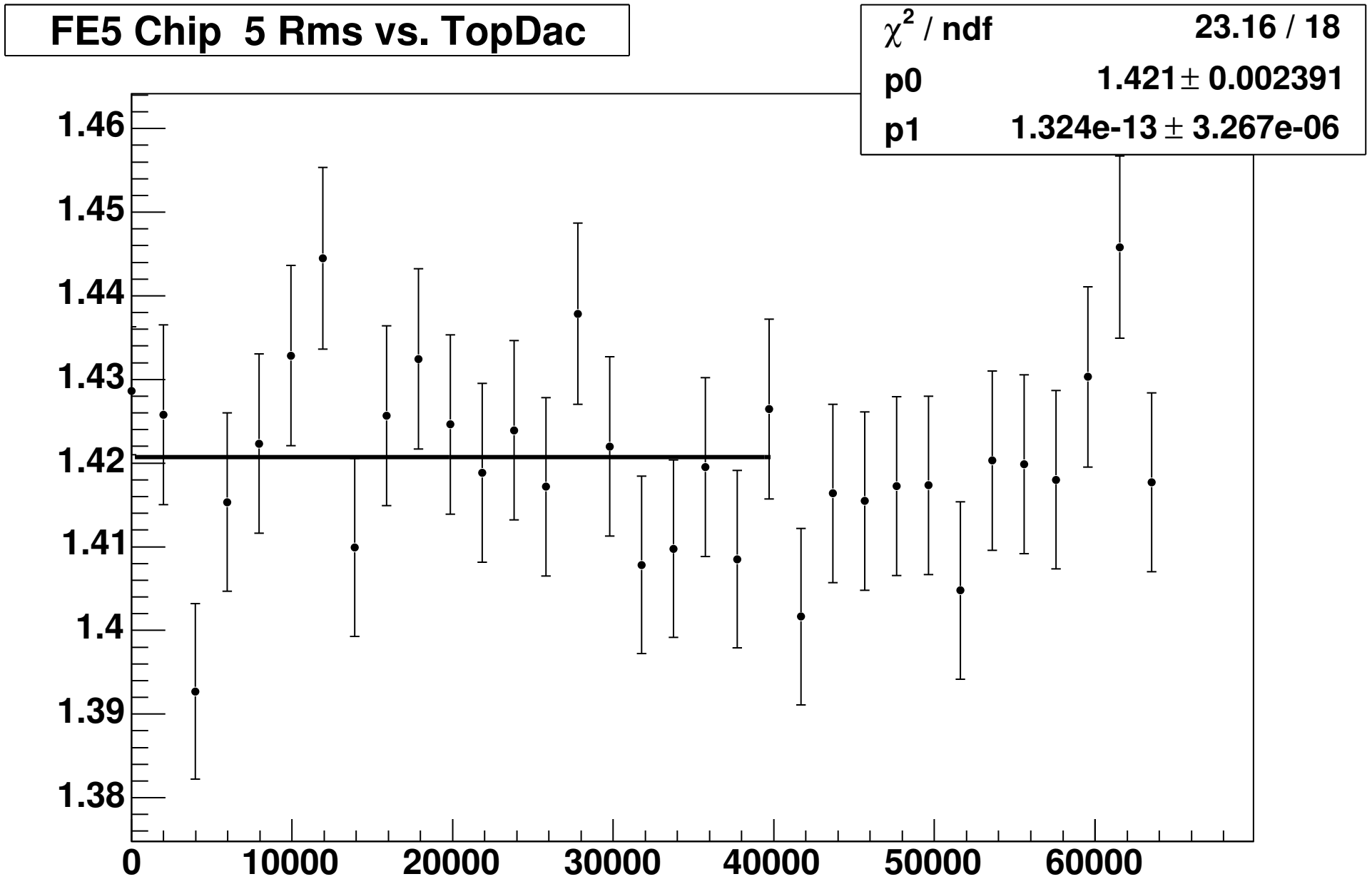
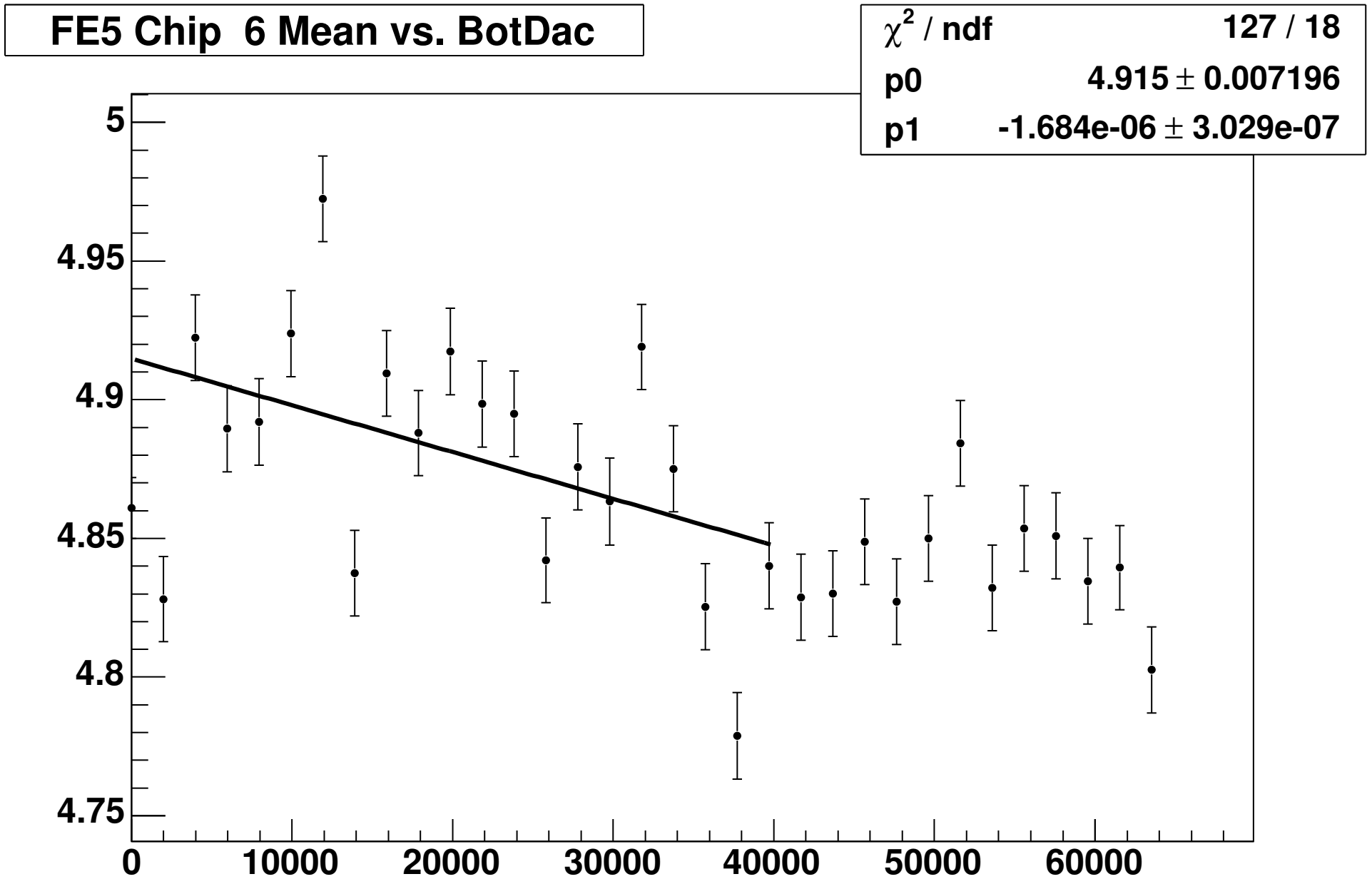
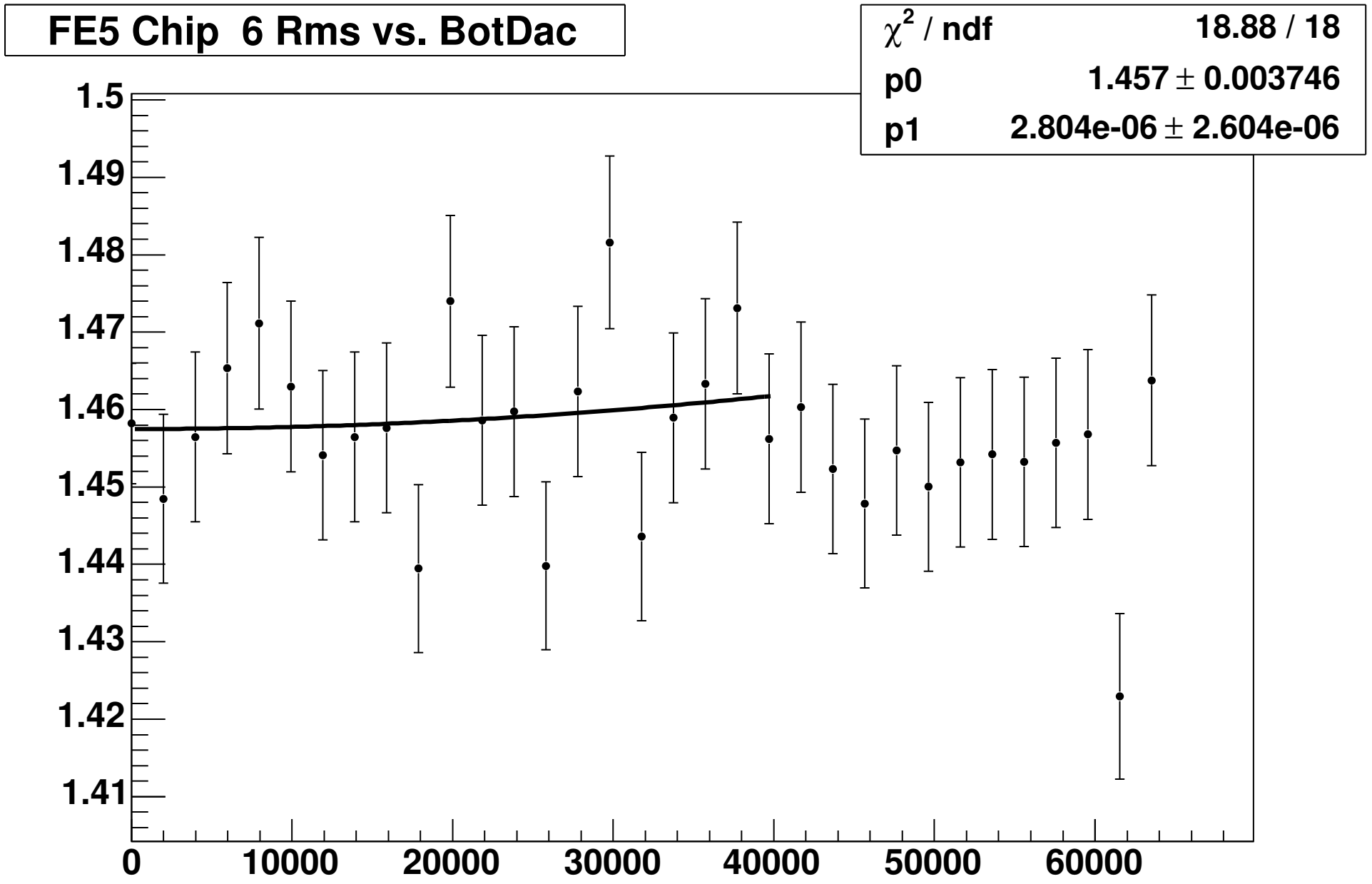
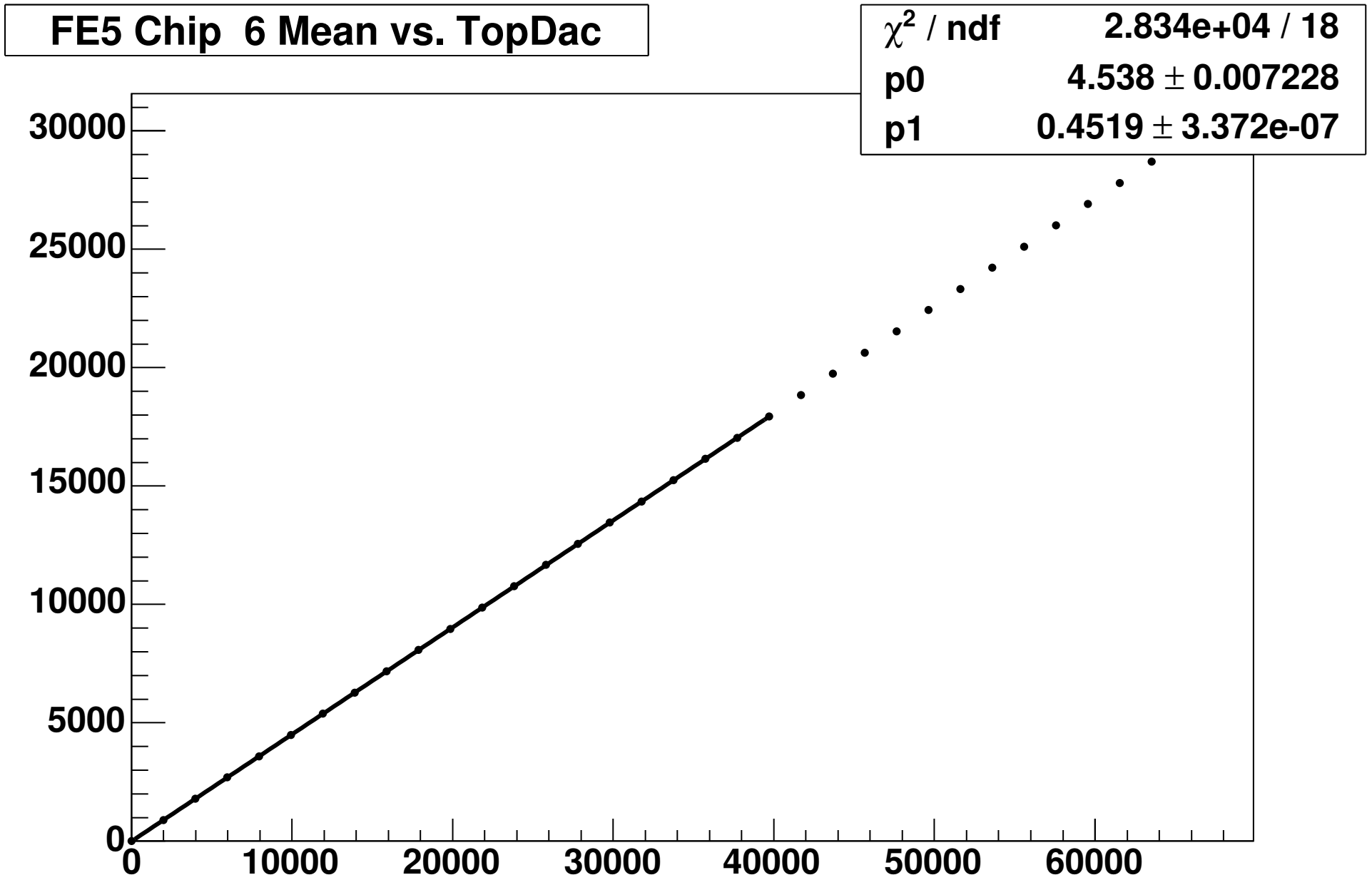

FE5 Chip 5 Rms vs. TopDac
χ² / ndf 23.16 / 18
p0 1.421 ± 0.002391
p1 1.324e-13 ± 3.267e-06
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
0
10000
20000
30000
40000
50000
60000


FE5 Chip 6 Mean vs. BotDac
χ² / ndf 127 / 18
p0 4.915 ± 0.007196
p1 -1.684e-06 ± 3.029e-07
5
4.95
4.9
4.85
4.8
4.75
0
10000
20000
30000
40000
50000
60000


FE5 Chip 6 Rms vs. BotDac
χ² / ndf 18.88 / 18
p0 1.457 ± 0.003746
p1 2.804e-06 ± 2.604e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
20000
30000
40000
50000
60000


FE5 Chip 6 Mean vs. TopDac
χ² / ndf 2.834e+04 / 18
p0 4.538 ± 0.007228
p1 0.4519 ± 3.372e-07
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25000
20000
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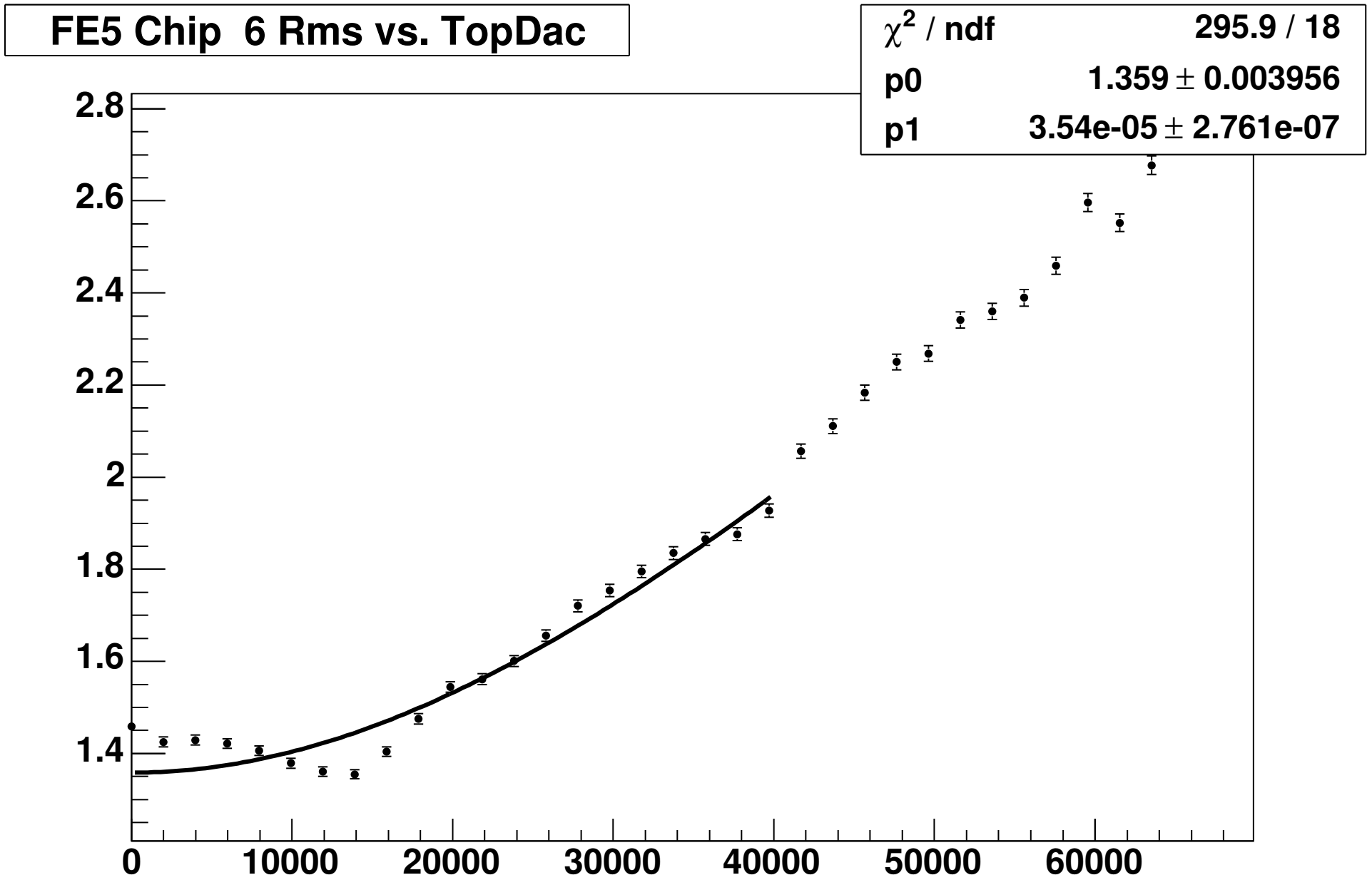
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 6 Rms vs. TopDac
χ² / ndf 295.9 / 18
p0 1.359 ± 0.003956
p1 3.54e-05 ± 2.761e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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30000
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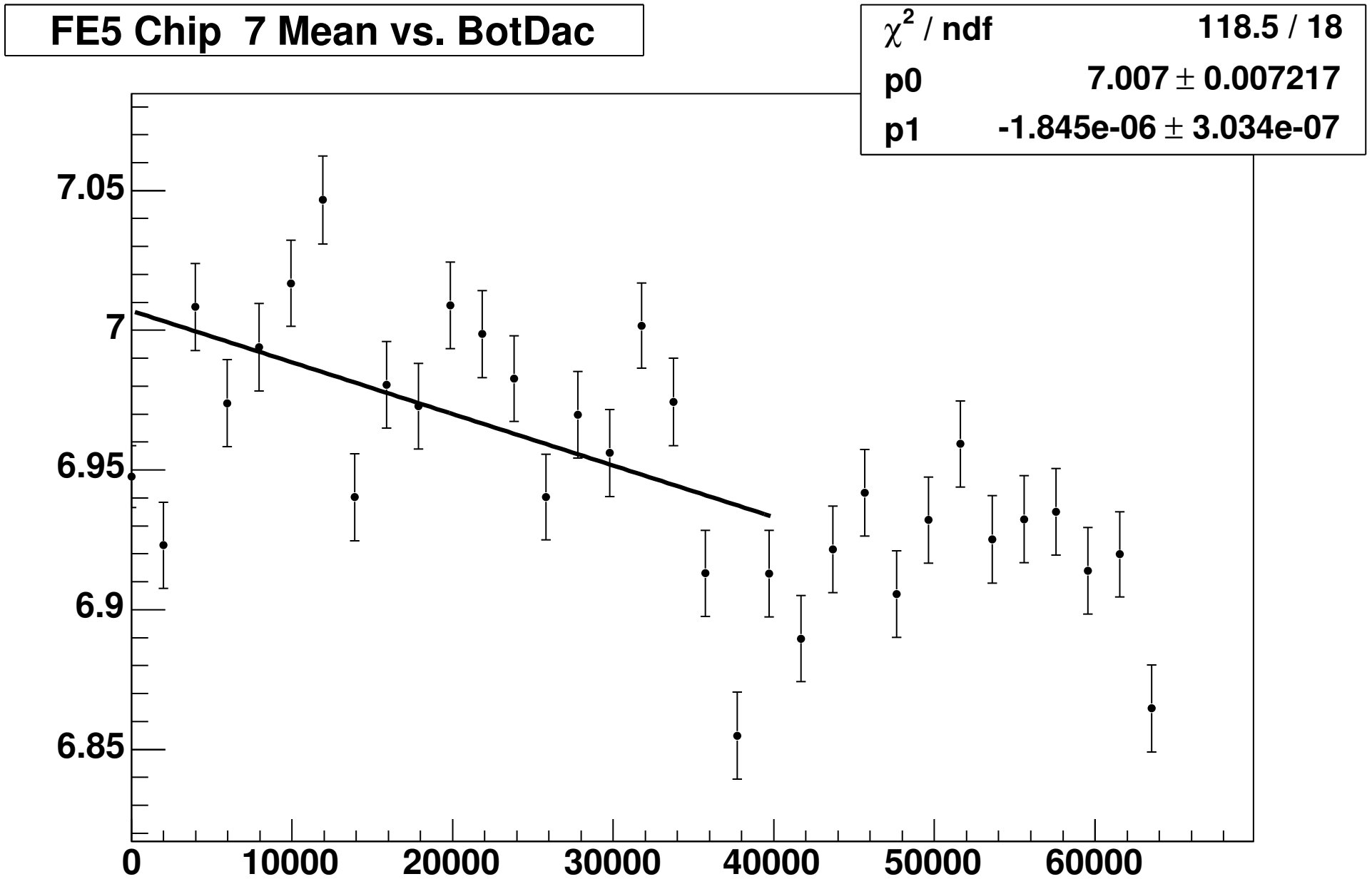
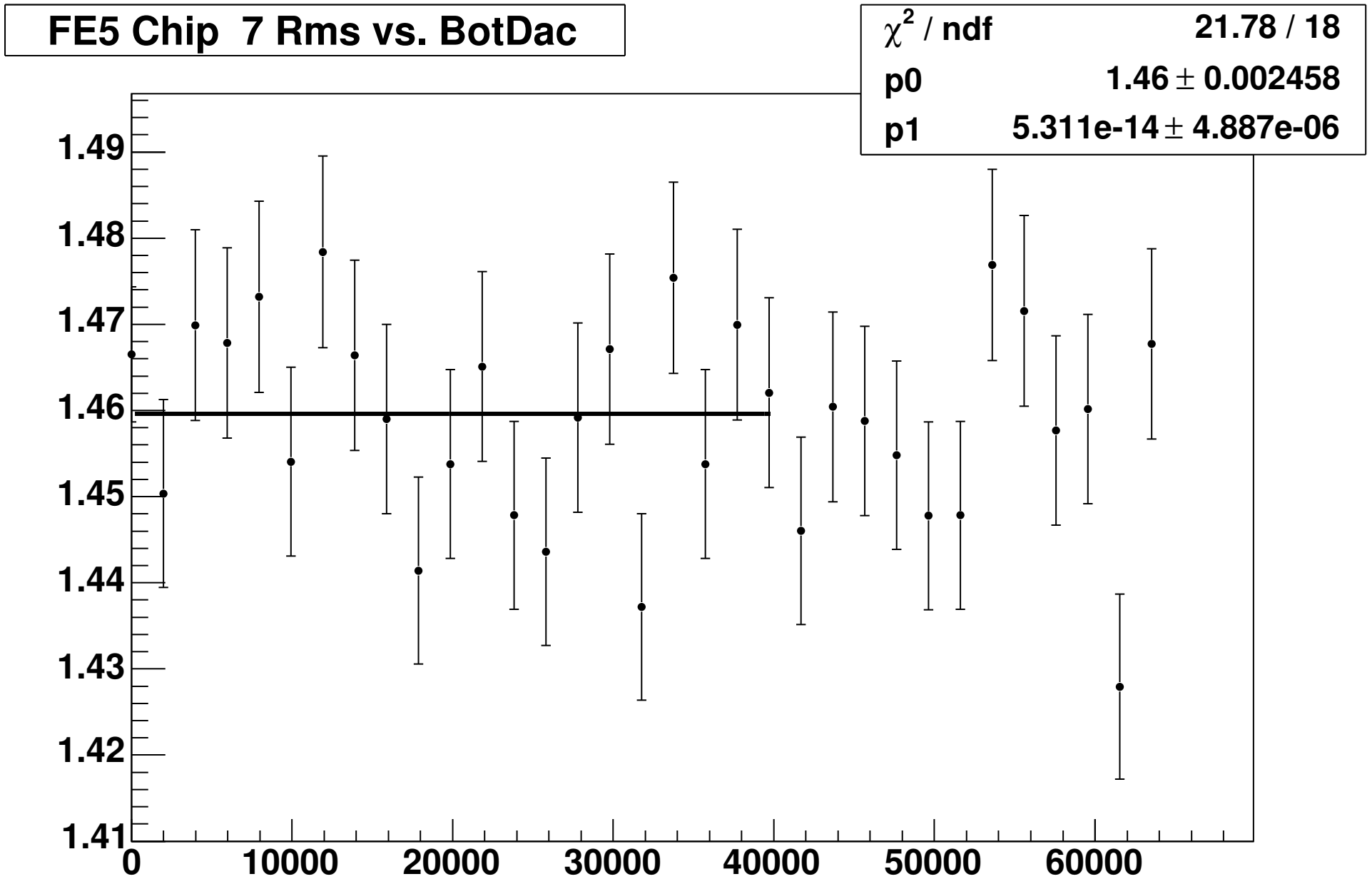
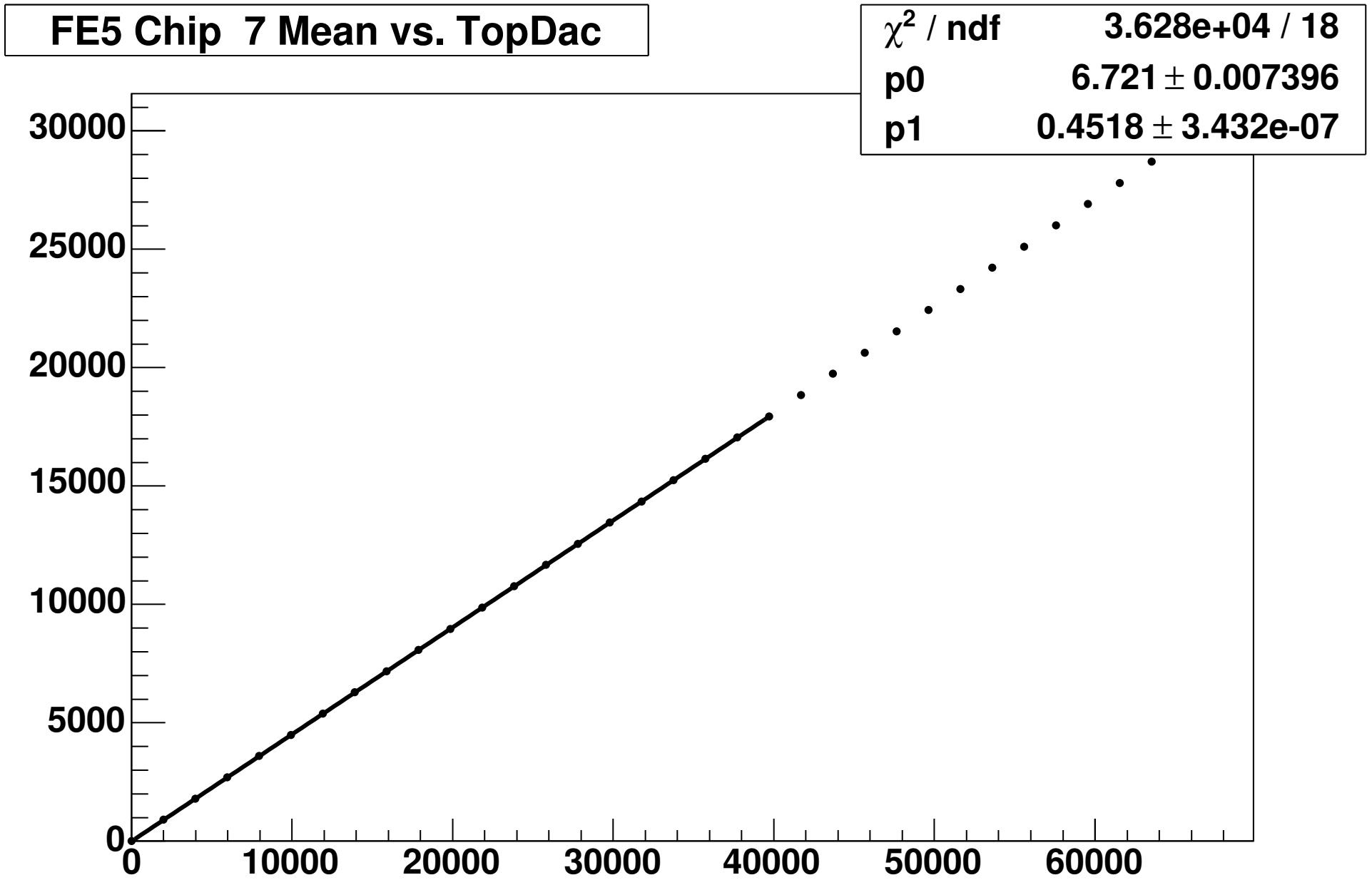

FE5 Chip 7 Mean vs. BotDac
χ^2 / ndf 118.5 / 18
p0 7.007 ± 0.007217
p1 -1.845e-06 ± 3.034e-07
7.05
7
6.95
6.9
6.85
0
10000
20000
30000
40000
50000
60000


FE5 Chip 7 Rms vs. BotDac
χ² / ndf 21.78 / 18
p0 1.46 ± 0.002458
p1 5.311e-14 ± 4.887e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
20000
30000
40000
50000
60000


FE5 Chip 7 Mean vs. TopDac
χ² / ndf 3.628e+04 / 18
p0 6.721 ± 0.007396
p1 0.4518 ± 3.432e-07
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25000
20000
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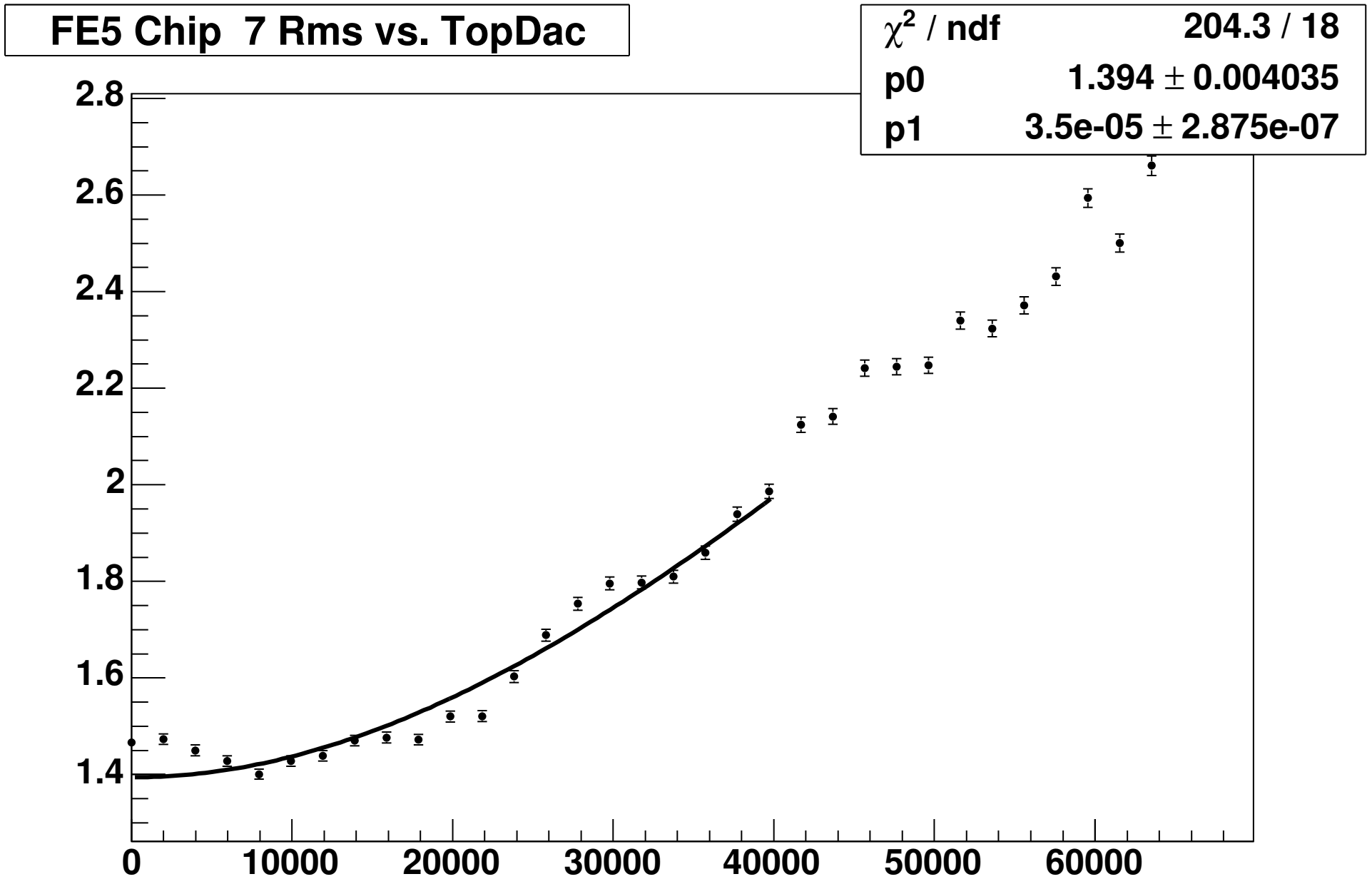
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 7 Rms vs. TopDac
χ² / ndf 204.3 / 18
p0 1.394 ± 0.004035
p1 3.5e-05 ± 2.875e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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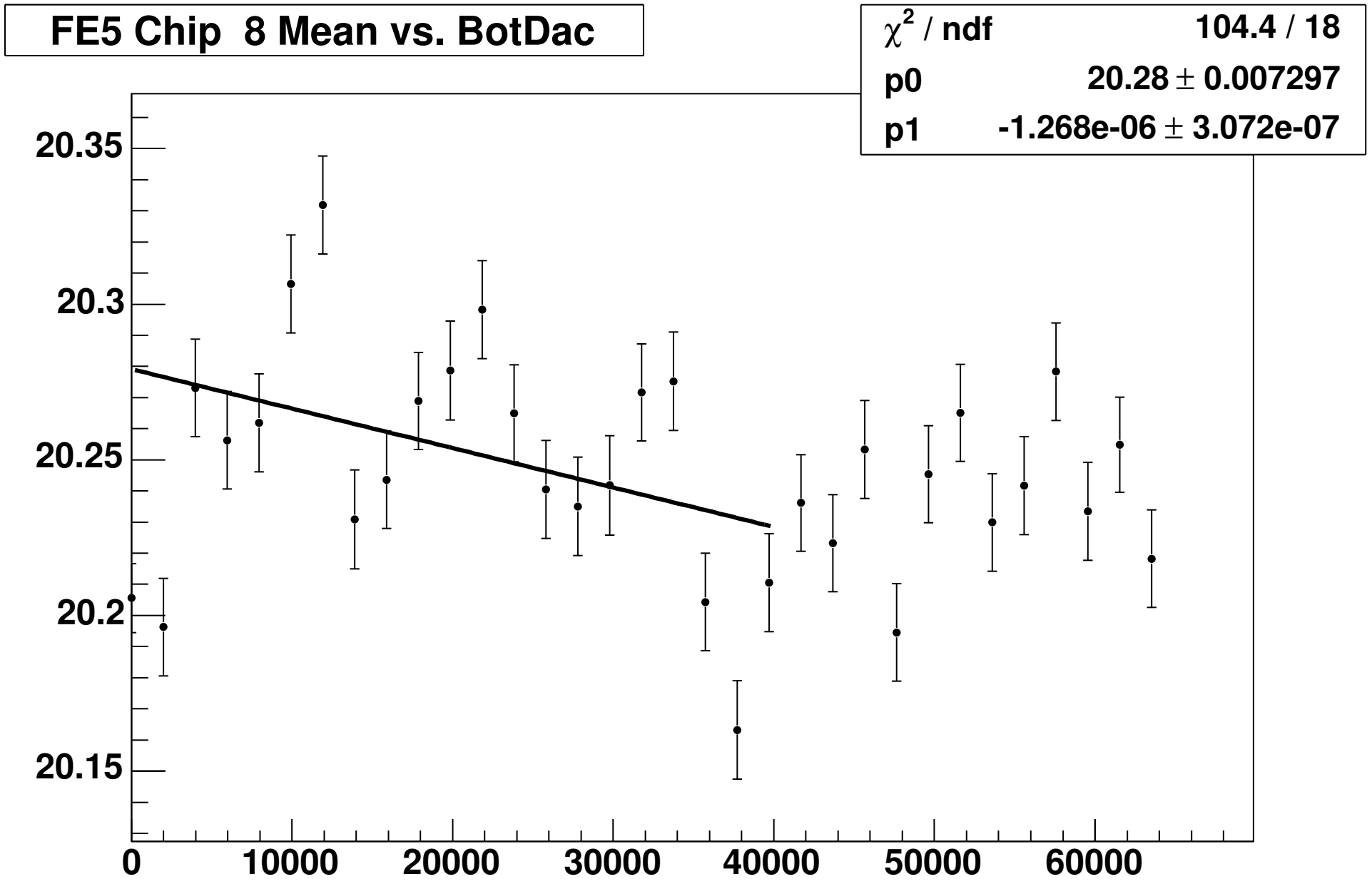
FE5 Chip 8 Mean vs. BotDac
χ² / ndf 104.4 / 18
p0 20.28 ± 0.007297
p1 -1.268e-06 ± 3.072e-07
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20.3
20.25
20.2
20.15
0
10000
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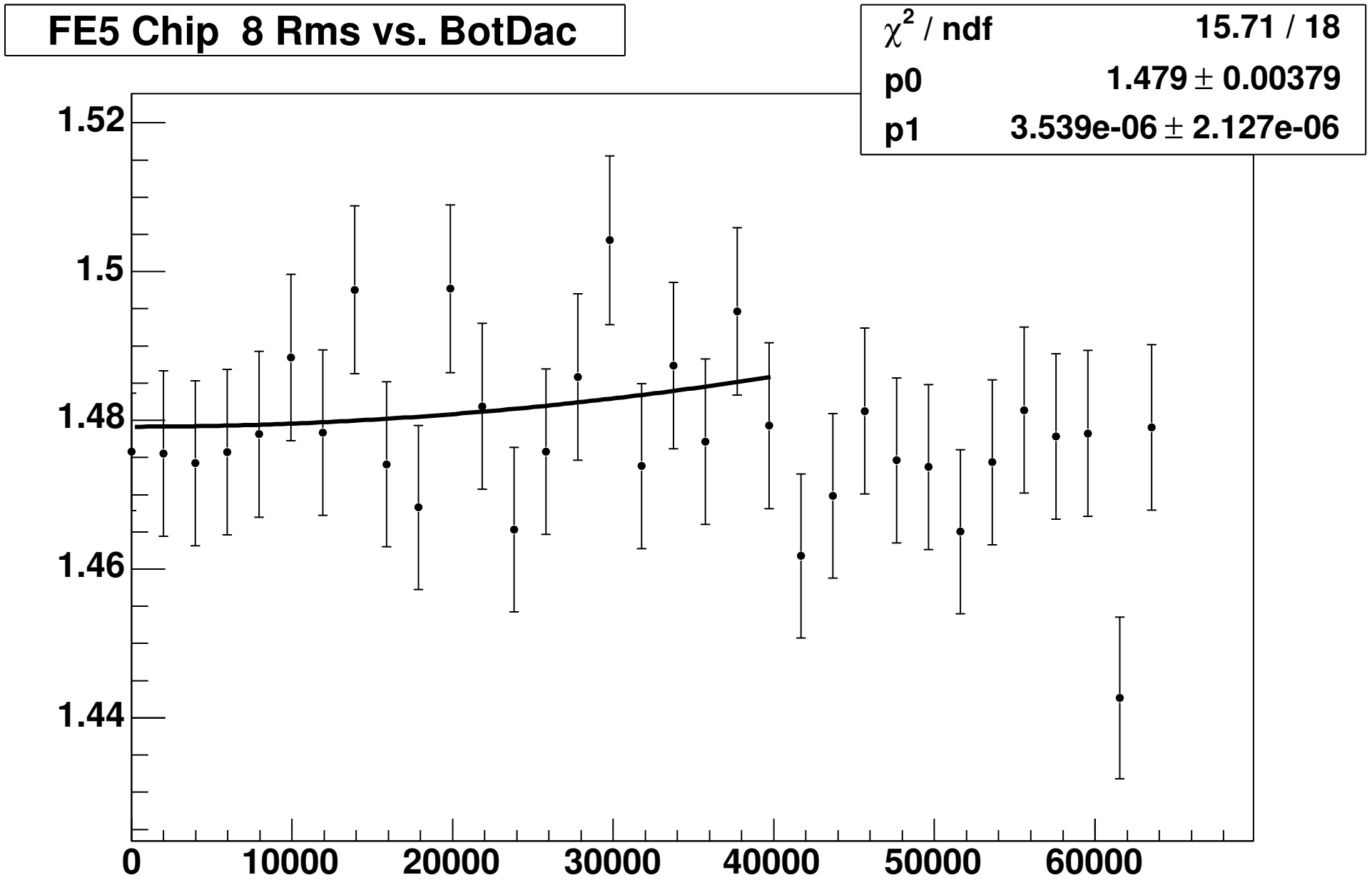
50000
60000


FE5 Chip 8 Rms vs. BotDac
χ² / ndf 15.71 / 18
p0 1.479 ± 0.00379
p1 3.539e-06 ± 2.127e-06
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1.5
1.48
1.46
1.44
0
10000
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30000
40000
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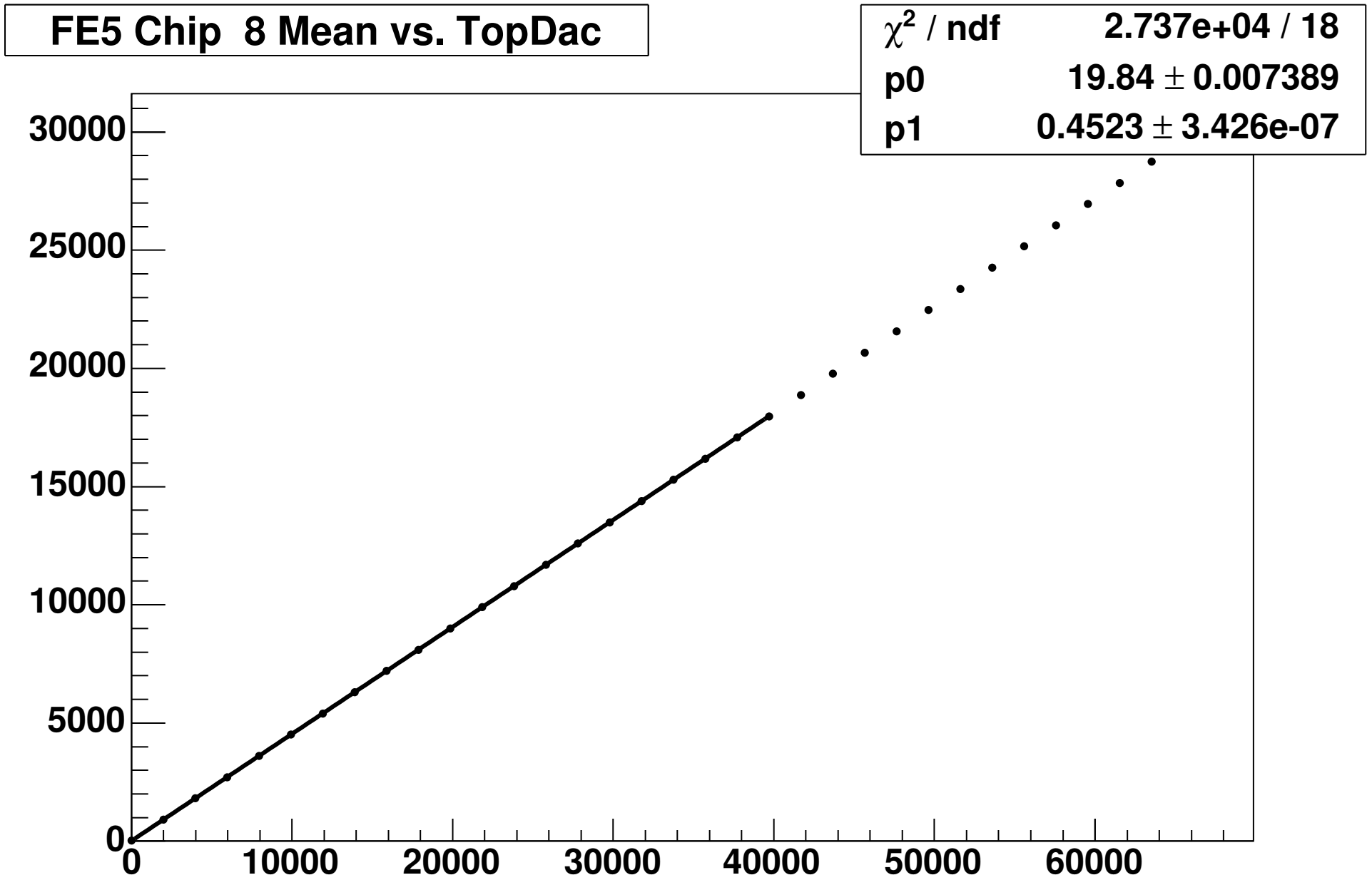
60000


FE5 Chip 8 Mean vs. TopDac
χ² / ndf 2.737e+04 / 18
p0 19.84 ± 0.007389
p1 0.4523 ± 3.426e-07
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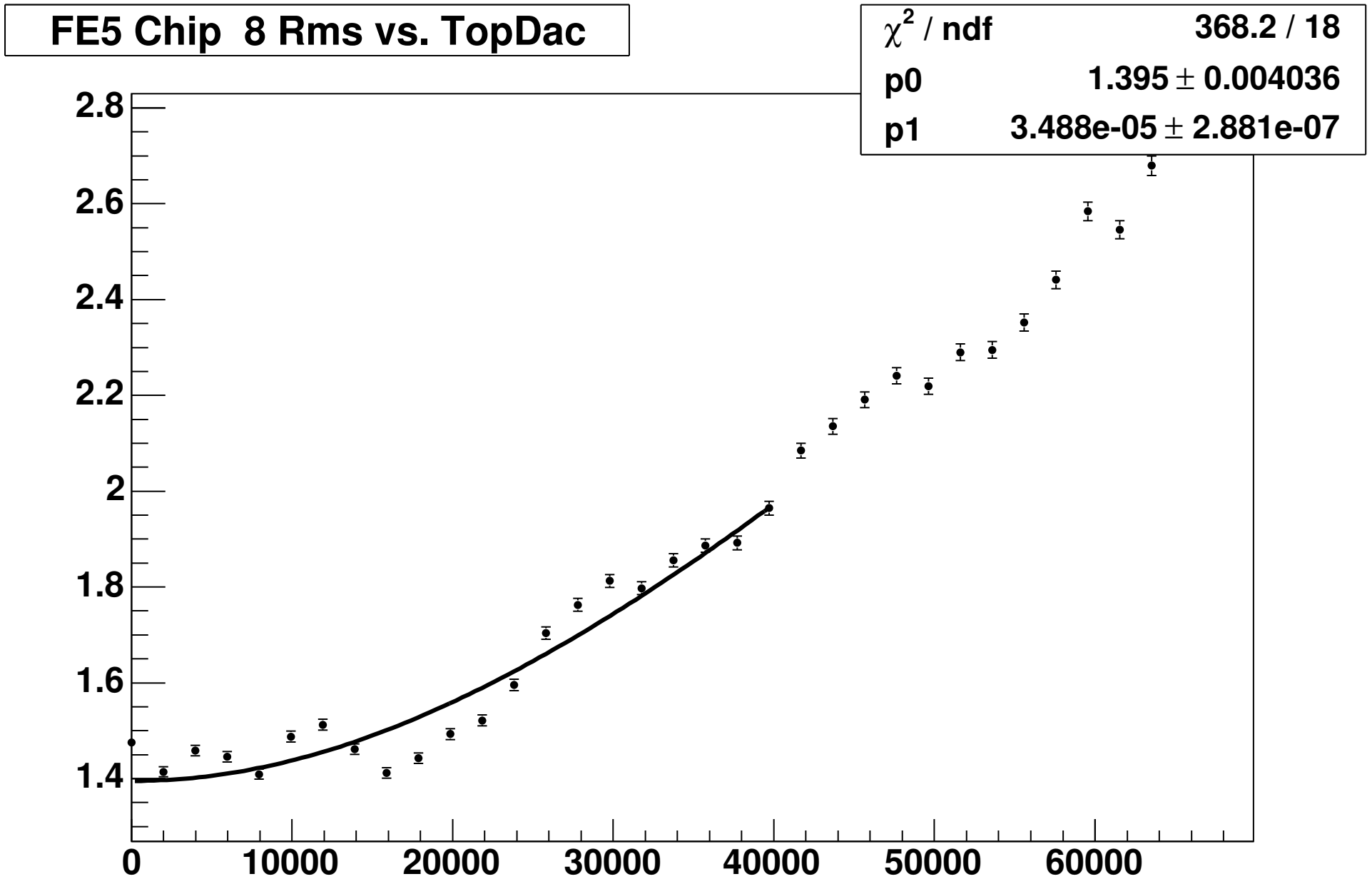
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 8 Rms vs. TopDac
χ² / ndf 368.2 / 18
p0 1.395 ± 0.004036
p1 3.488e-05 ± 2.881e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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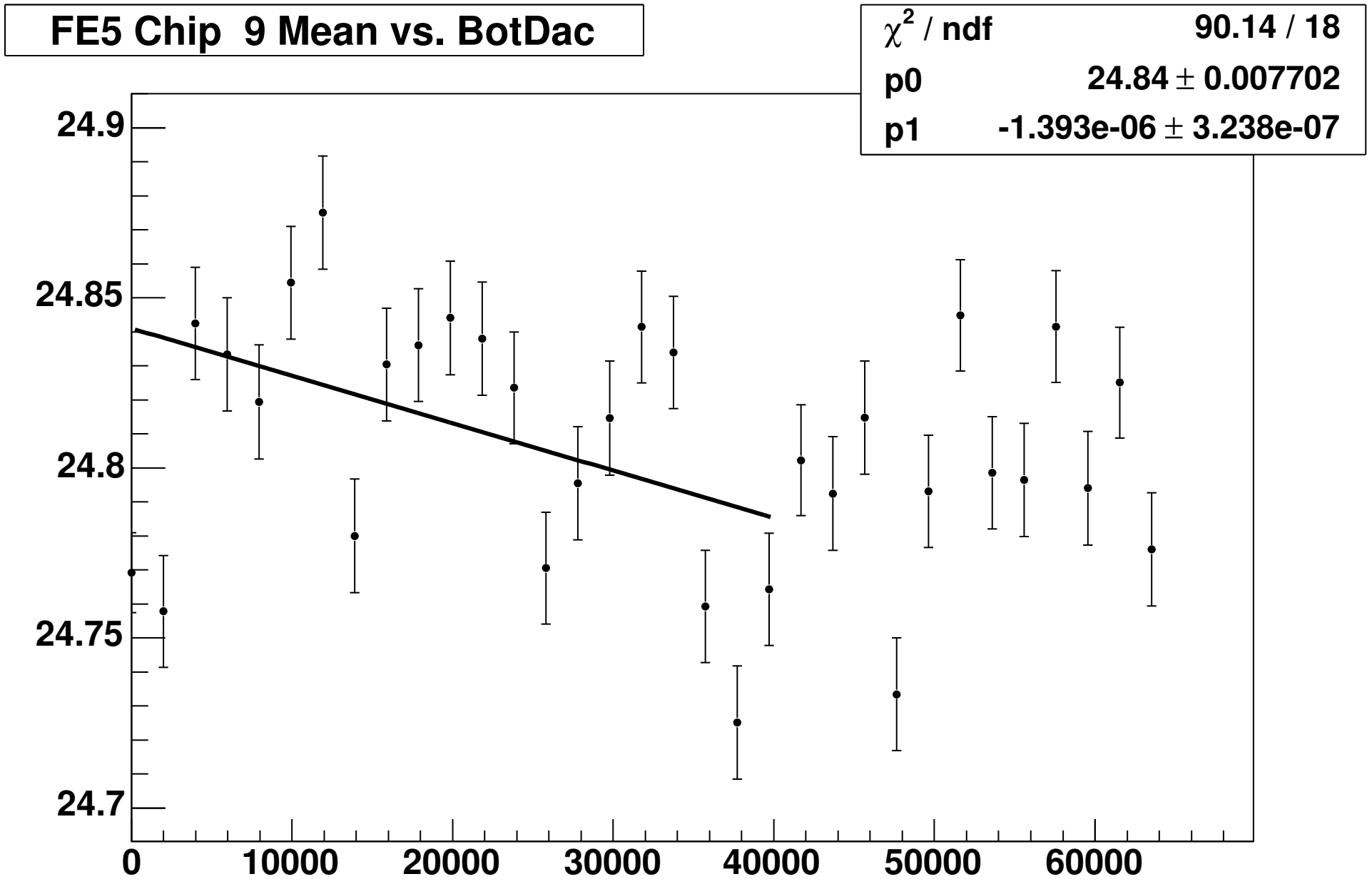
FE5 Chip 9 Mean vs. BotDac
χ² / ndf 90.14 / 18
p0 24.84 ± 0.007702
p1 -1.393e-06 ± 3.238e-07
24.9
24.85
24.8
24.75
24.7
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10000
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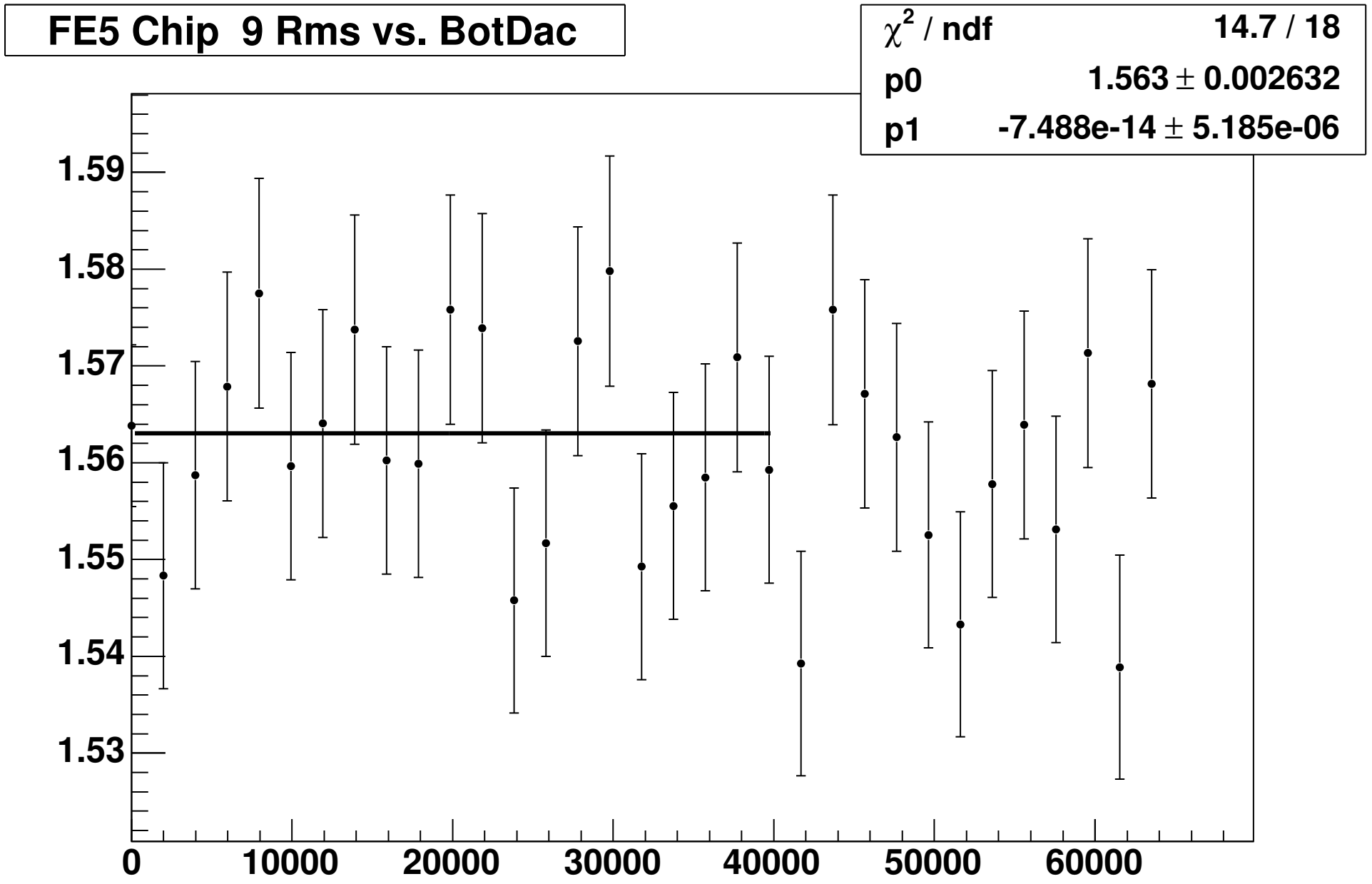
60000


FE5 Chip 9 Rms vs. BotDac
χ² / ndf 14.7 / 18
p0 1.563 ± 0.002632
p1 -7.488e-14 ± 5.185e-06
1.59
1.58
1.57
1.56
1.55
1.54
1.53
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10000
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30000
40000
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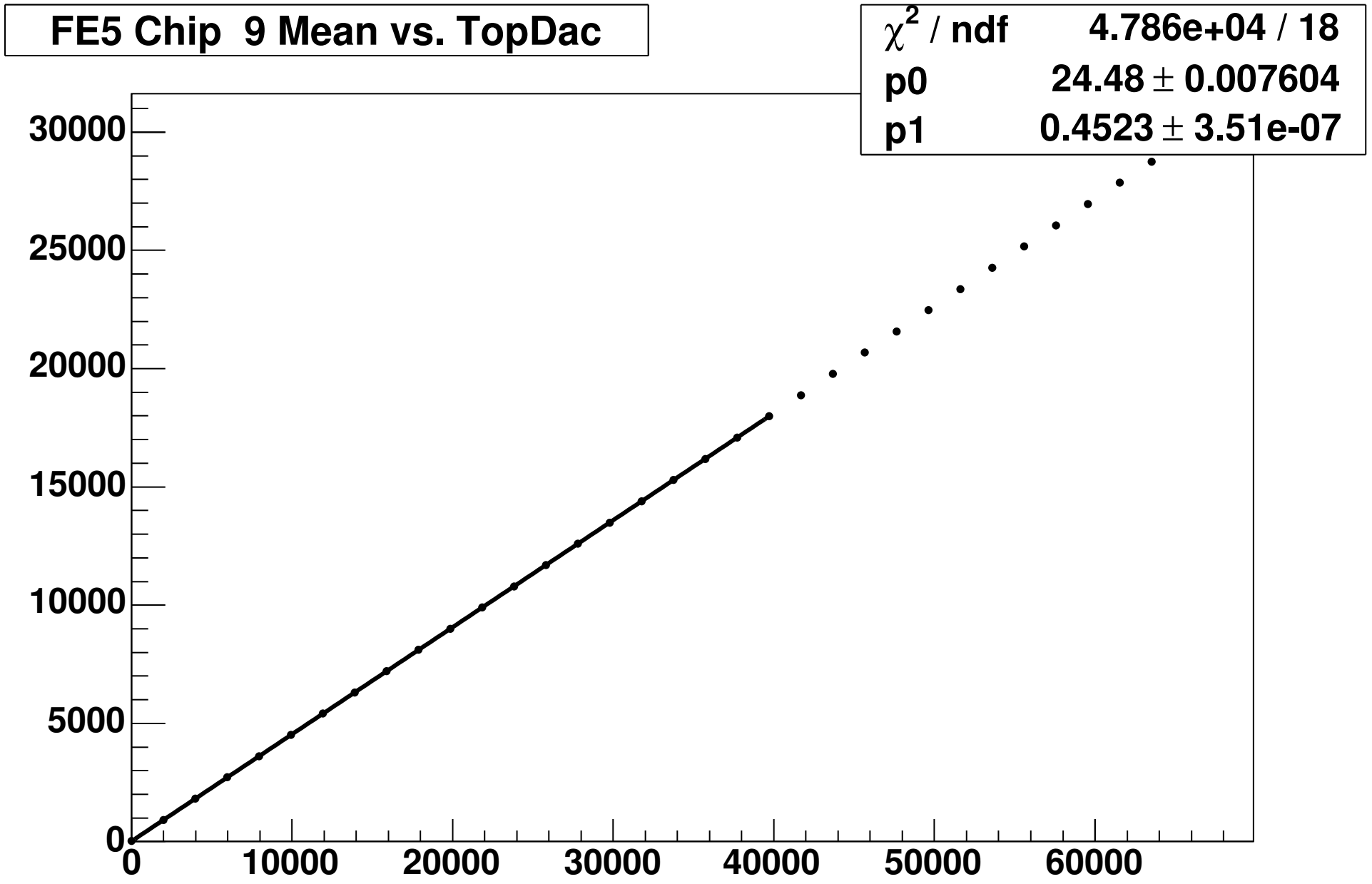
60000


FE5 Chip 9 Mean vs. TopDac
χ² / ndf 4.786e+04 / 18
p0 24.48 ± 0.007604
p1 0.4523 ± 3.51e-07
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25000
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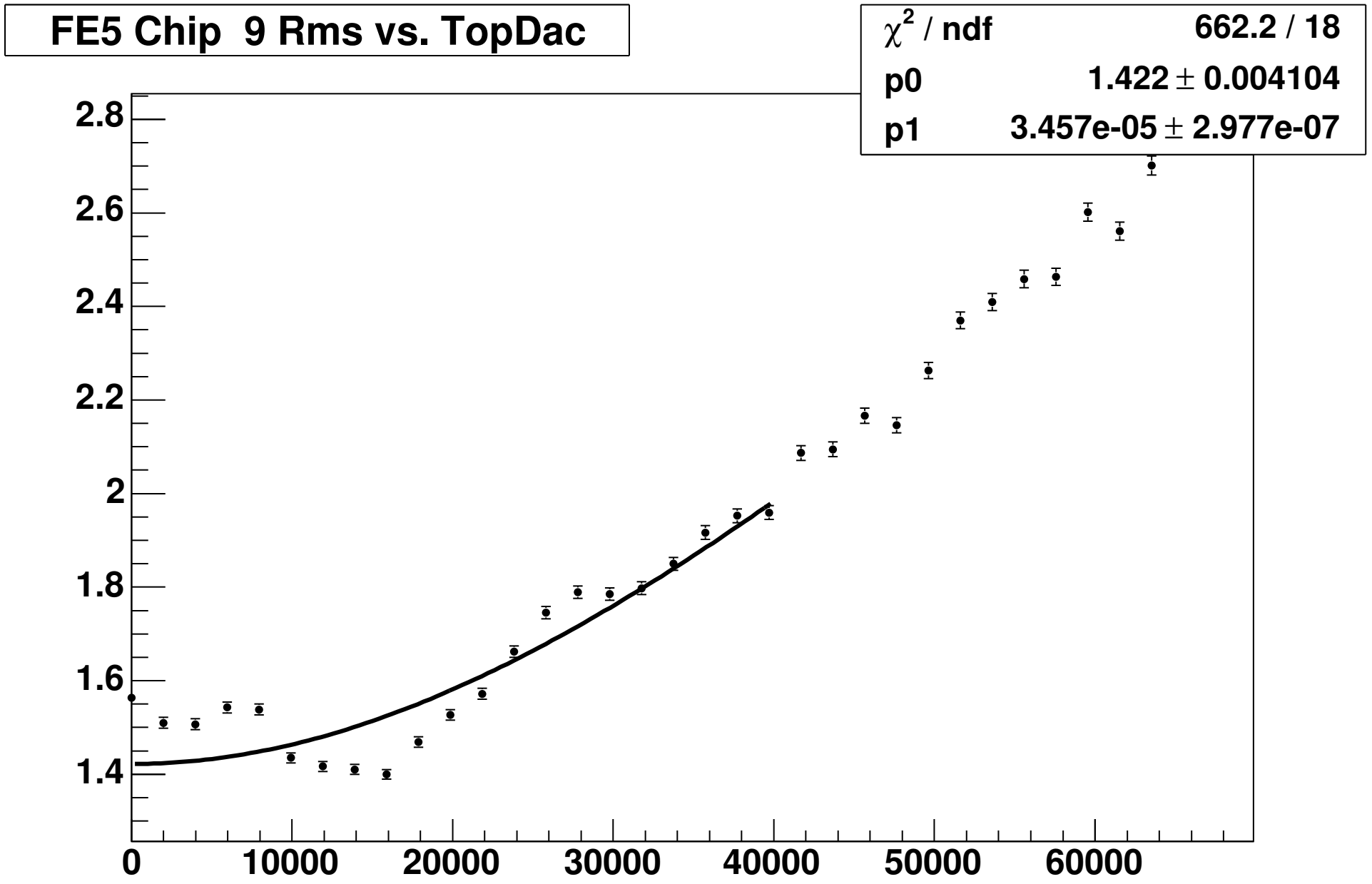
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 9 Rms vs. TopDac
χ² / ndf 662.2 / 18
p0 1.422 ± 0.004104
p1 3.457e-05 ± 2.977e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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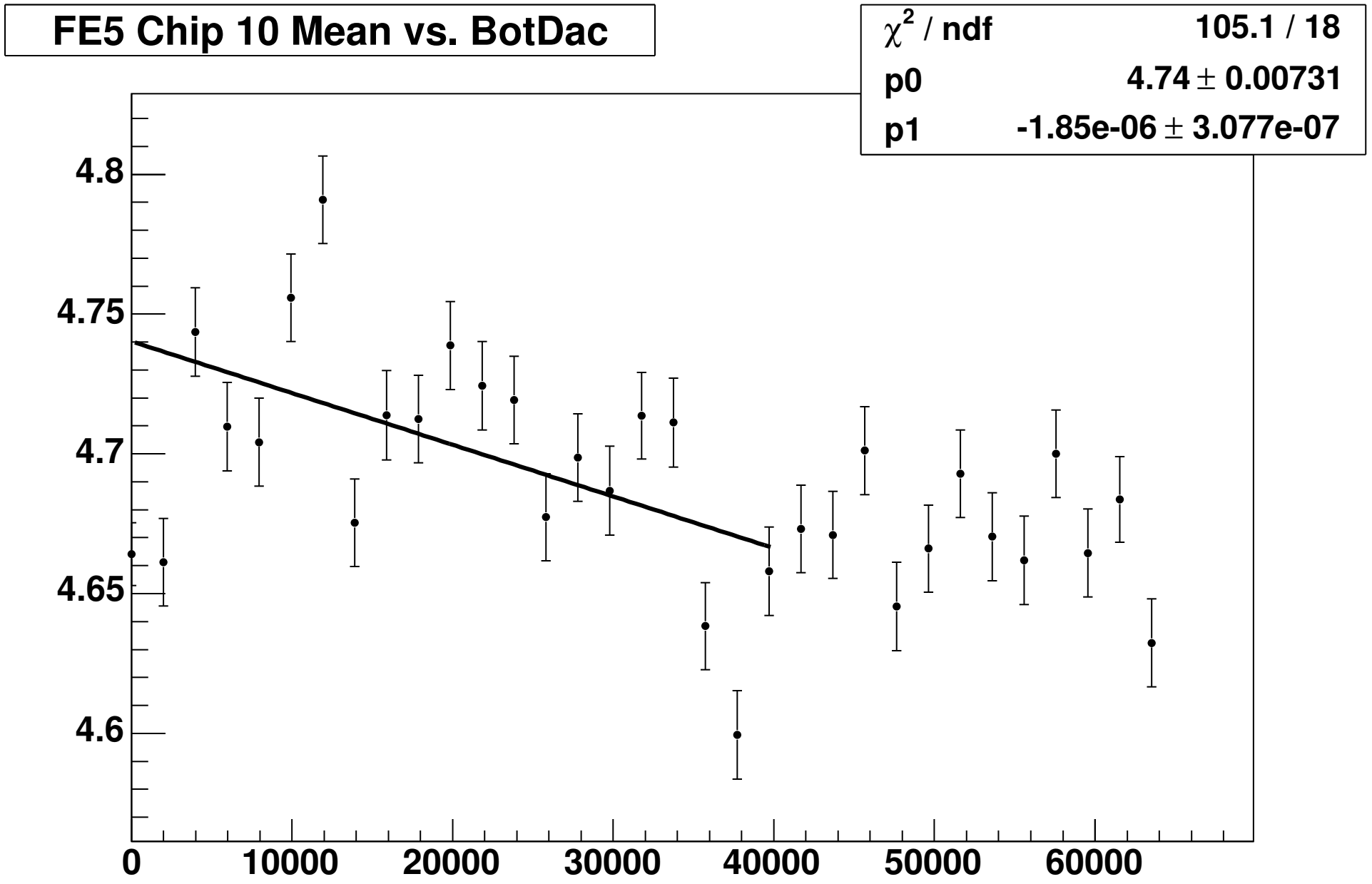
30000
40000
50000
60000


FE5 Chip 10 Mean vs. BotDac
χ² / ndf 105.1 / 18
p0 4.74 ± 0.00731
p1 -1.85e-06 ± 3.077e-07
4.8
4.75
4.7
4.65
4.6
0
10000
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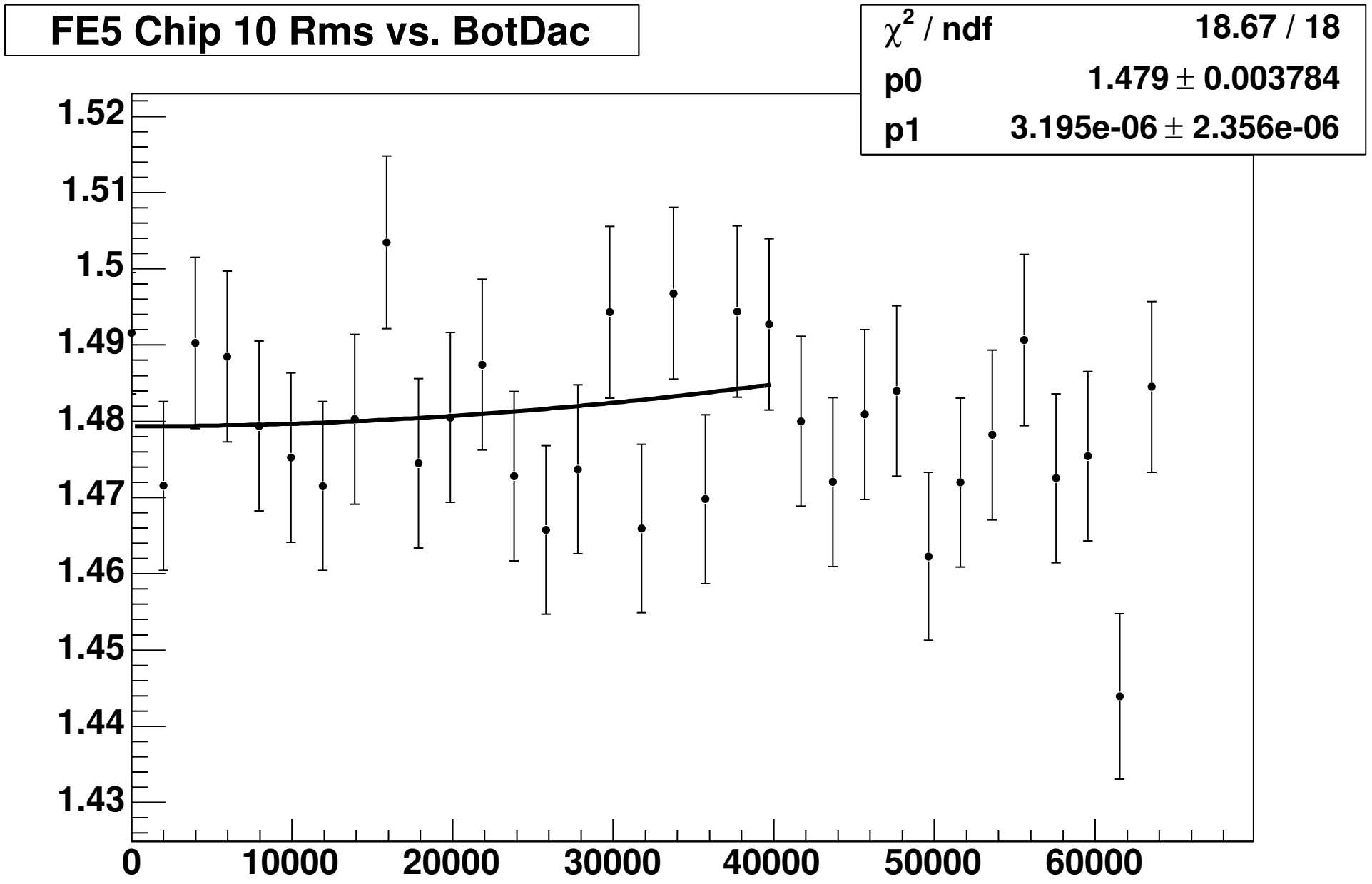
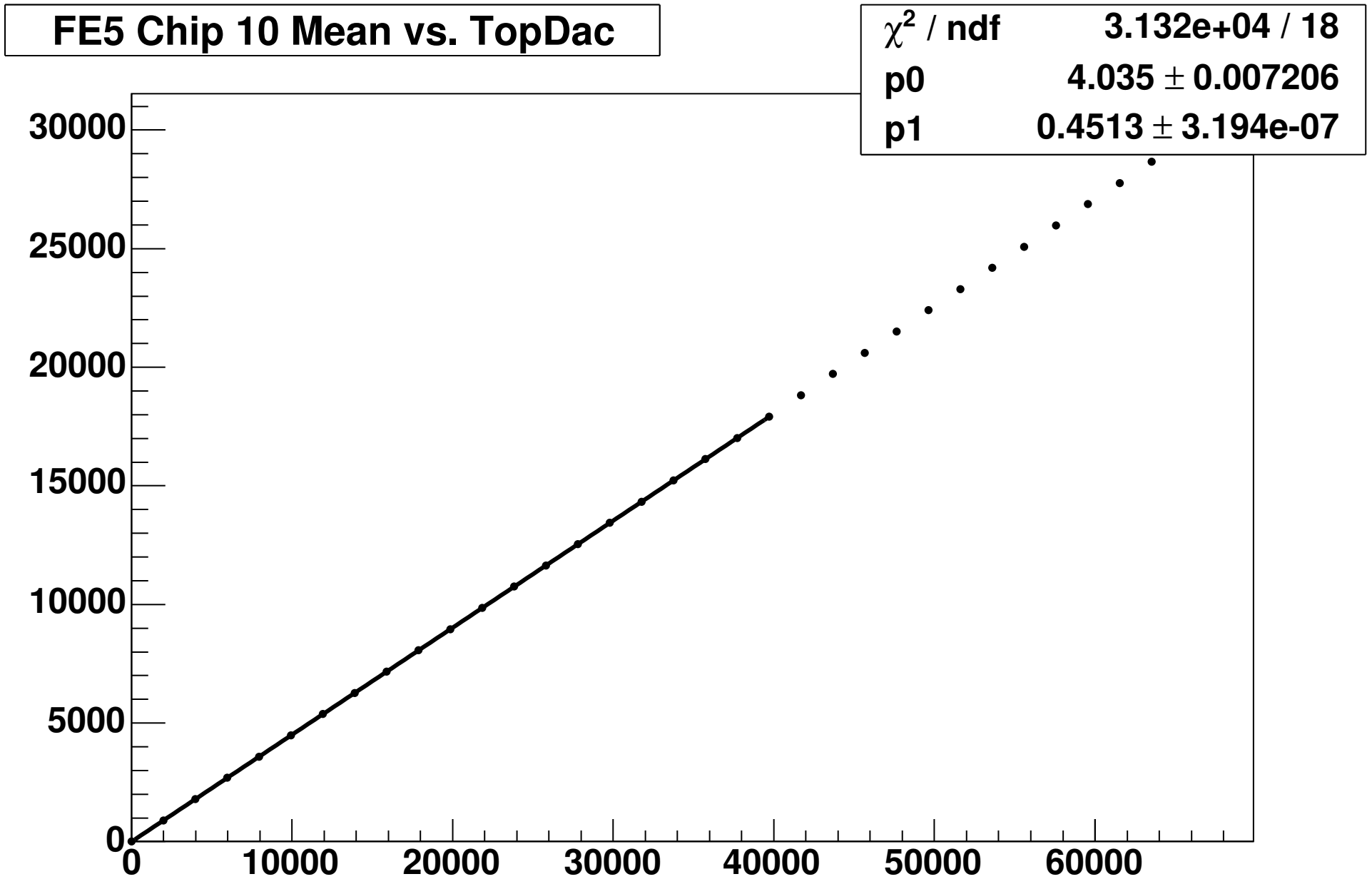
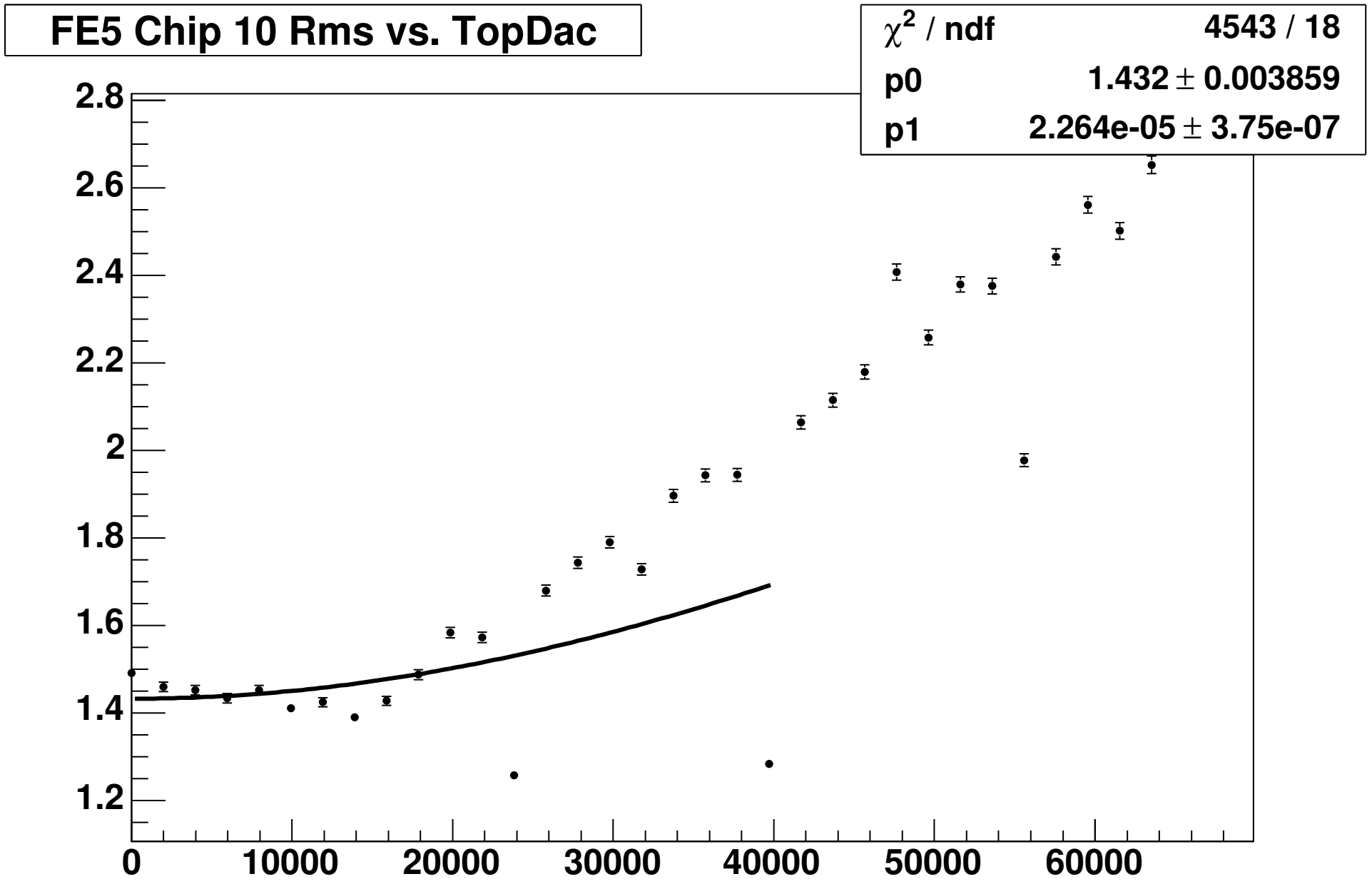
30000
40000
50000
60000


FE5 Chip 10 Rms vs. BotDac
χ² / ndf 18.67 / 18
p0 1.479 ± 0.003784
p1 3.195e-06 ± 2.356e-06
1.52
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


FE5 Chip 10 Mean vs. TopDac
χ² / ndf 3.132e+04 / 18
p0 4.035 ± 0.007206
p1 0.4513 ± 3.194e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE5 Chip 10 Rms vs. TopDac
χ² / ndf 4543 / 18
p0 1.432 ± 0.003859
p1 2.264e-05 ± 3.75e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
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10000
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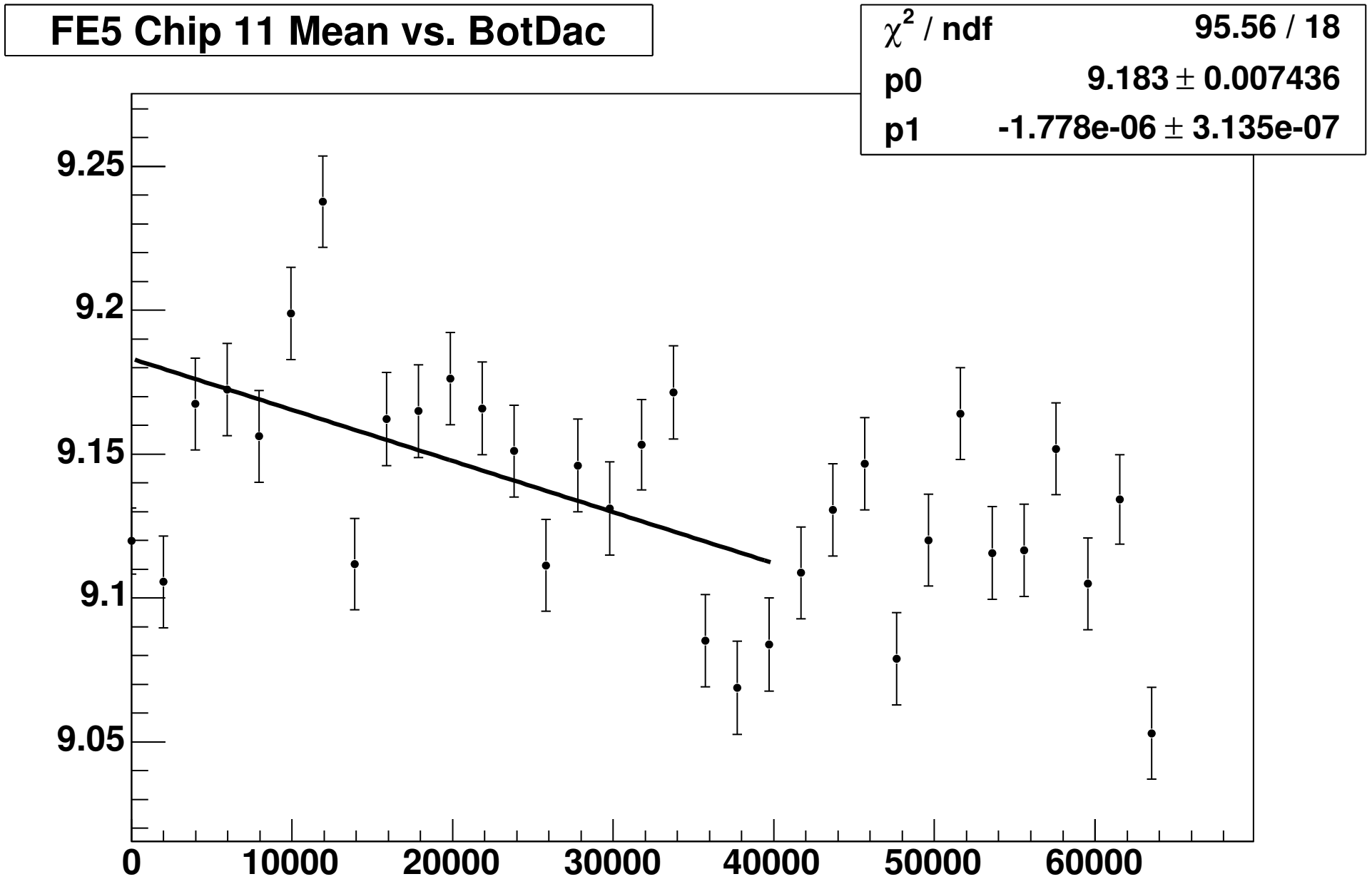
FE5 Chip 11 Mean vs. BotDac
χ² / ndf 95.56 / 18
p0 9.183 ± 0.007436
p1 -1.778e-06 ± 3.135e-07
9.25
9.2
9.15
9.1
9.05
0
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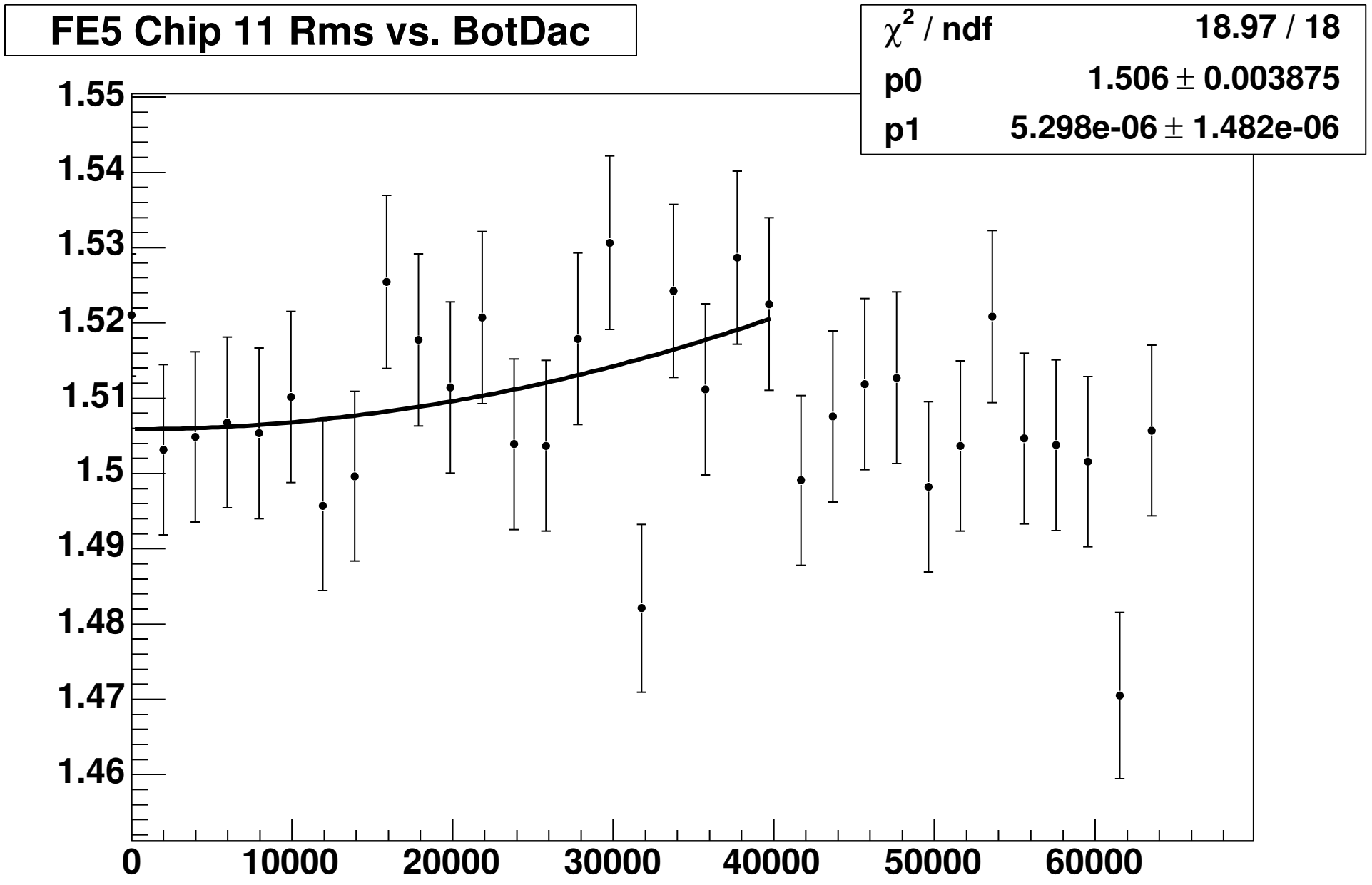
FE5 Chip 11 Rms vs. BotDac
χ² / ndf 18.97 / 18
p0 1.506 ± 0.003875
p1 5.298e-06 ± 1.482e-06
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
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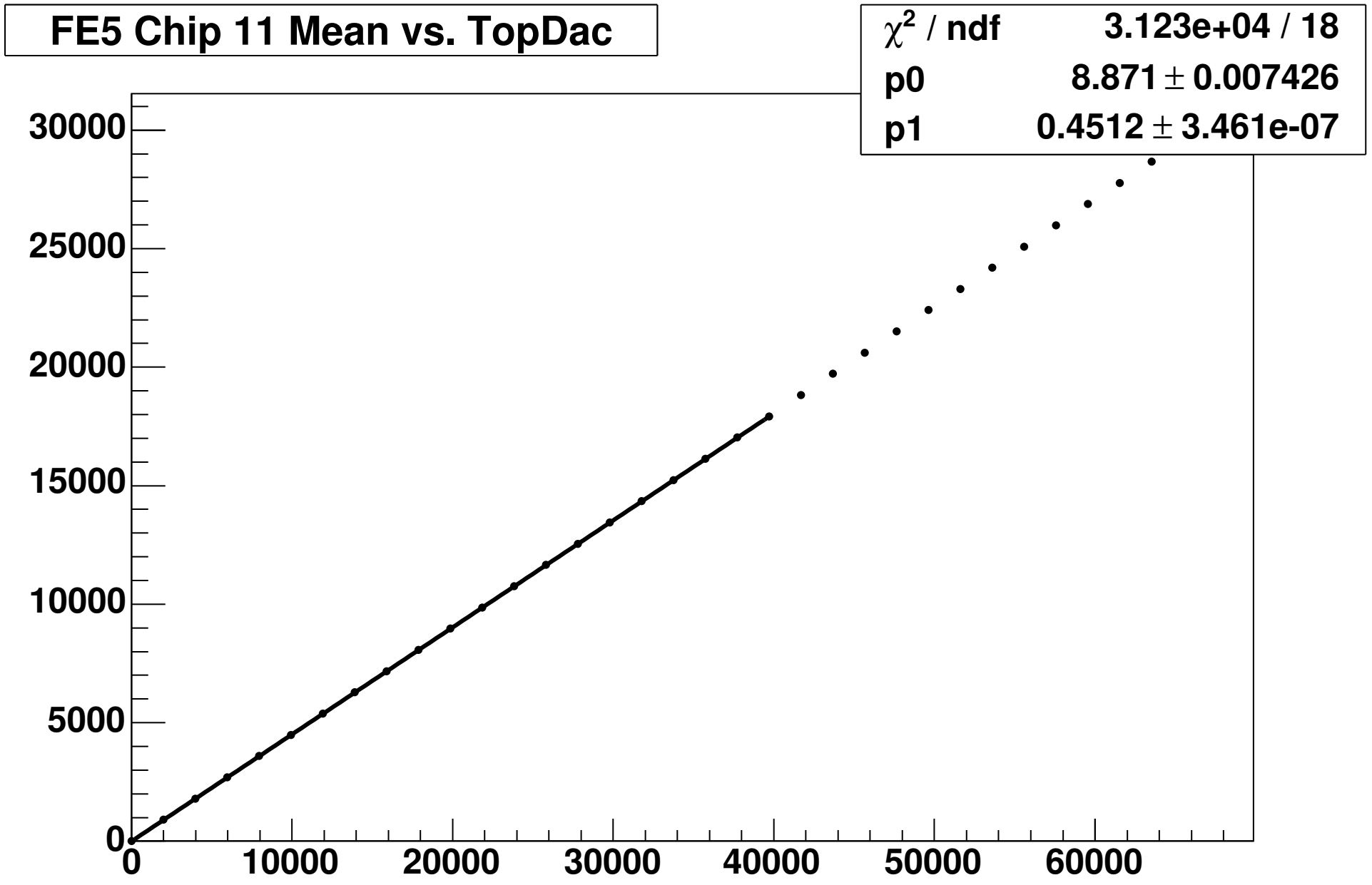
FE5 Chip 11 Mean vs. TopDac
χ² / ndf 3.123e+04 / 18
p0 8.871 ± 0.007426
p1 0.4512 ± 3.461e-07
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15000
10000
5000
0
0
10000
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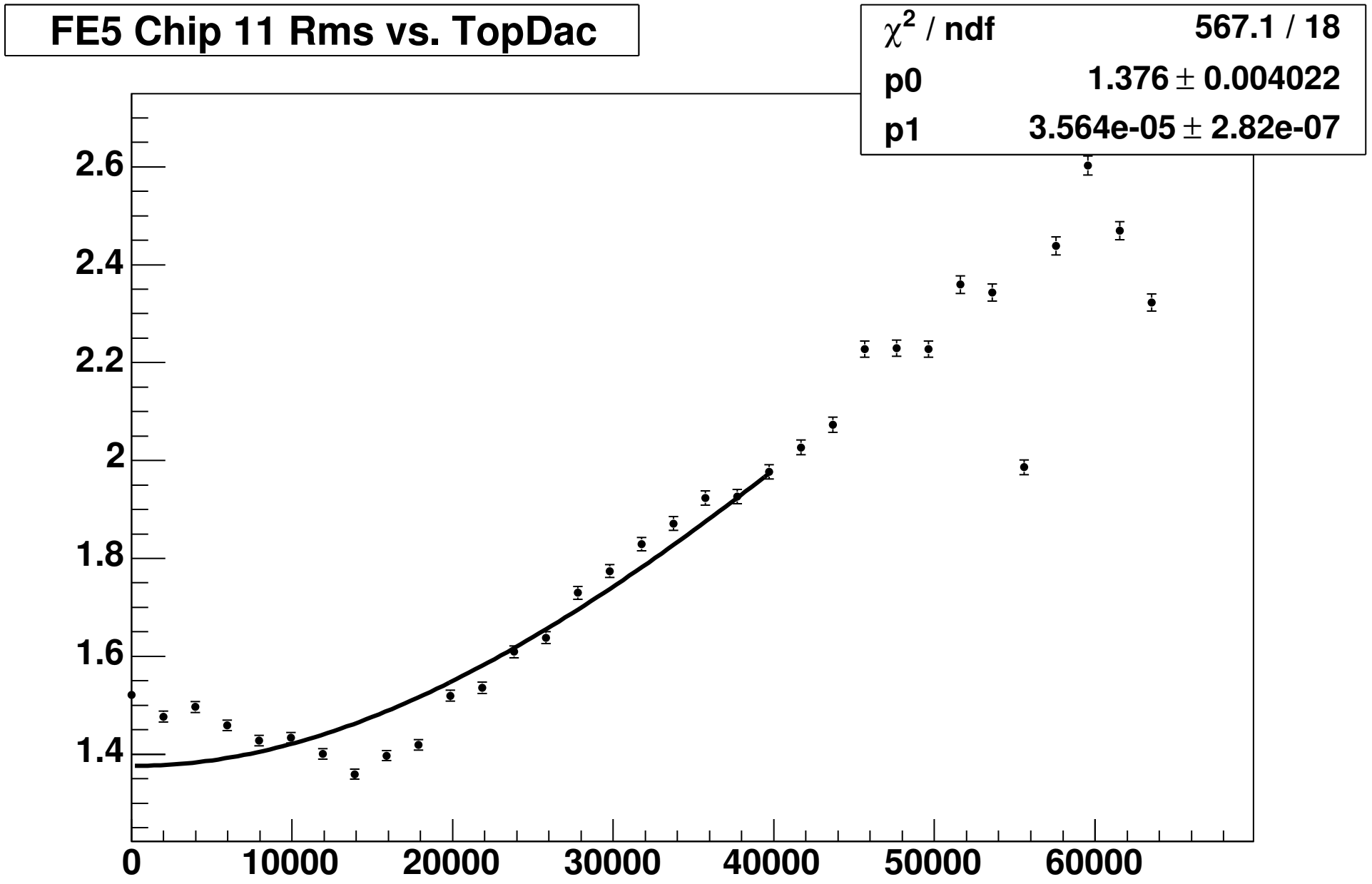
60000


FE5 Chip 11 Rms vs. TopDac
χ² / ndf 567.1 / 18
p0 1.376 ± 0.004022
p1 3.564e-05 ± 2.82e-07
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2.4
2.2
2
1.8
1.6
1.4
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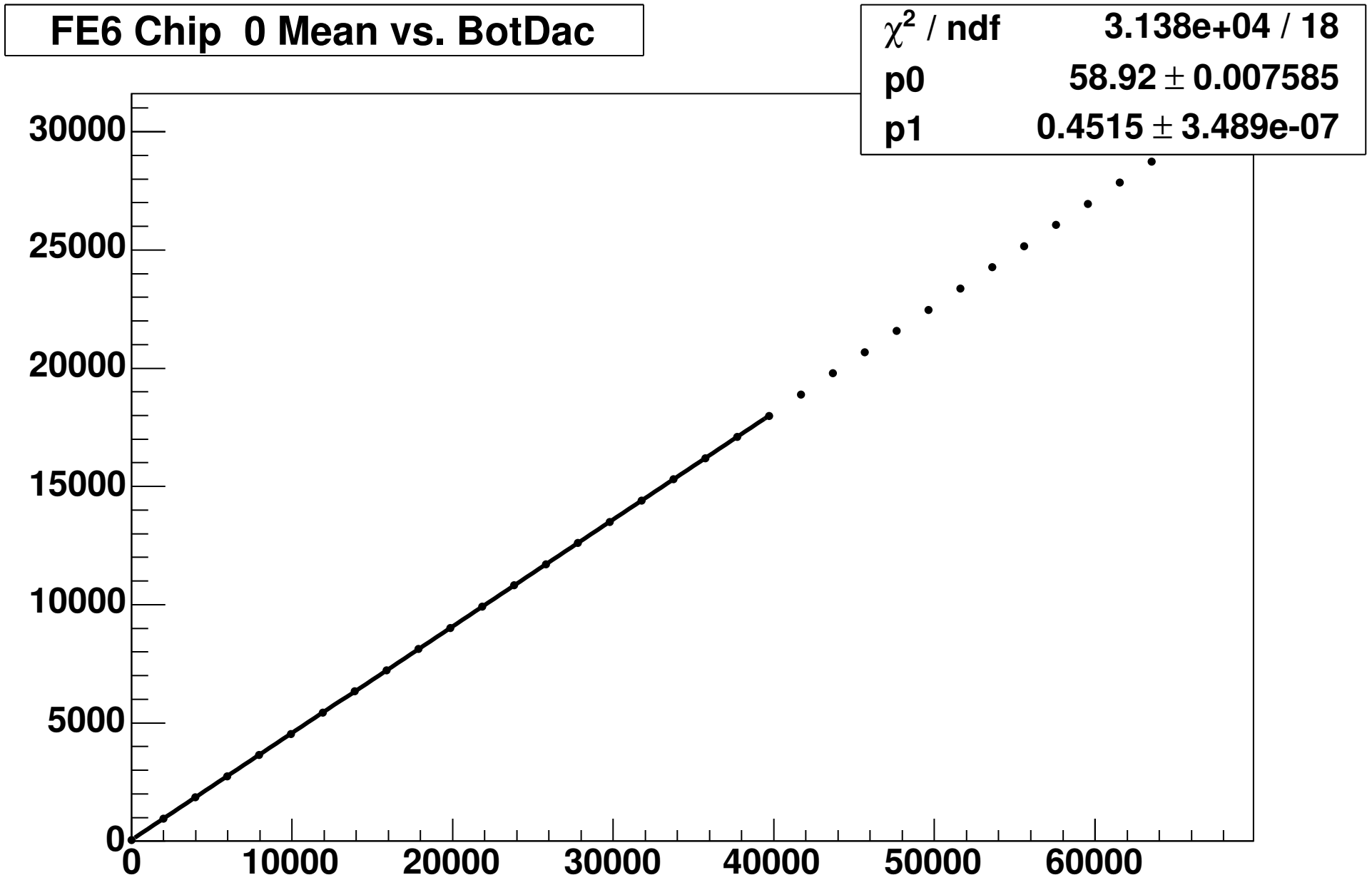
FE6 Chip 0 Mean vs. BotDac
χ² / ndf 3.138e+04 / 18
p0 58.92 ± 0.007585
p1 0.4515 ± 3.489e-07
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25000
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15000
10000
5000
0
0
10000
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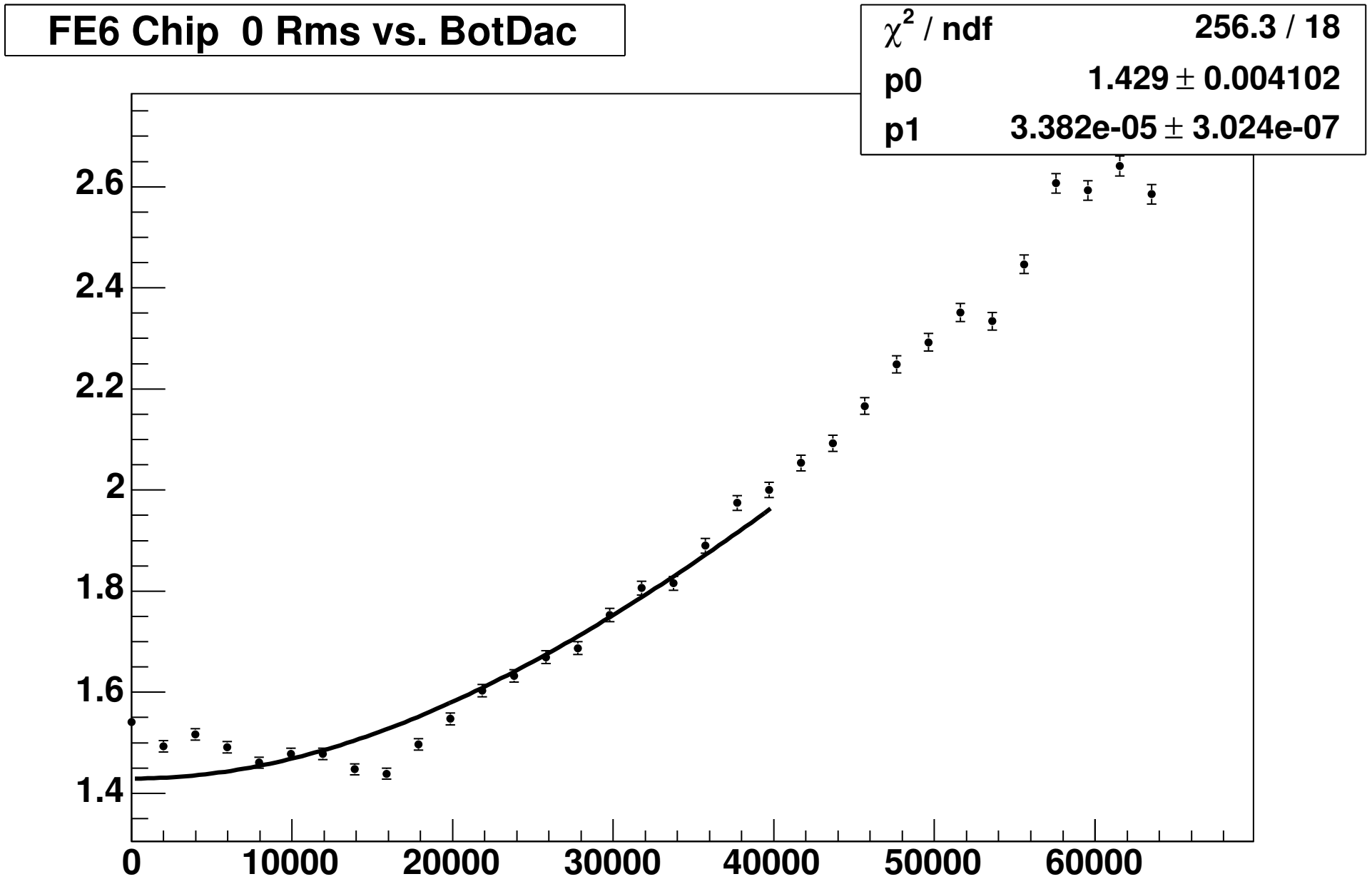
30000
40000
50000
60000


FE6 Chip 0 Rms vs. BotDac
χ² / ndf 256.3 / 18
p0 1.429 ± 0.004102
p1 3.382e-05 ± 3.024e-07
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2.4
2.2
2
1.8
1.6
1.4
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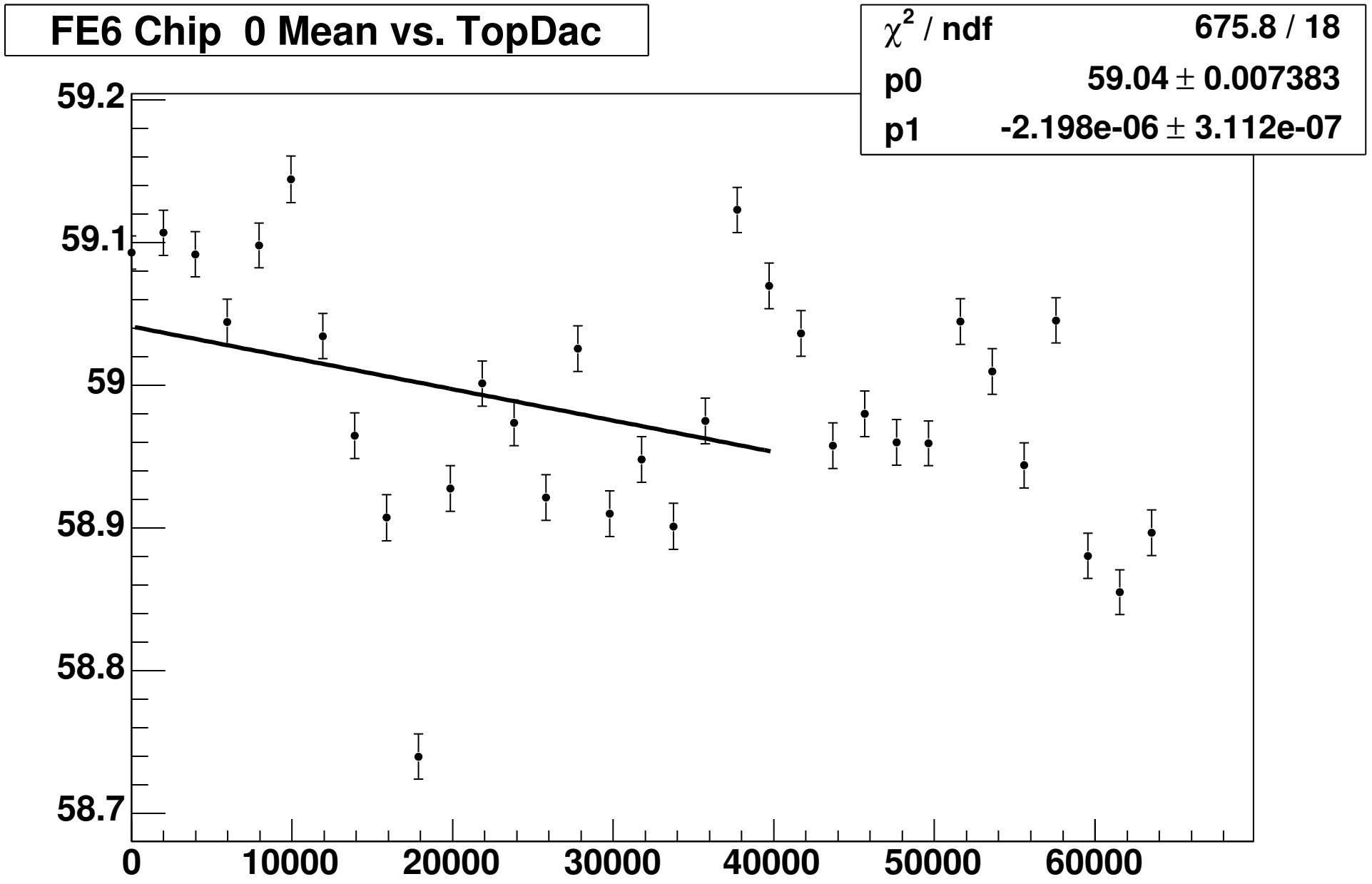
FE6 Chip 0 Mean vs. TopDac
χ² / ndf 675.8 / 18
p0 59.04 ± 0.007383
p1 -2.198e-06 ± 3.112e-07
59.2
59.1
59
58.9
58.8
58.7
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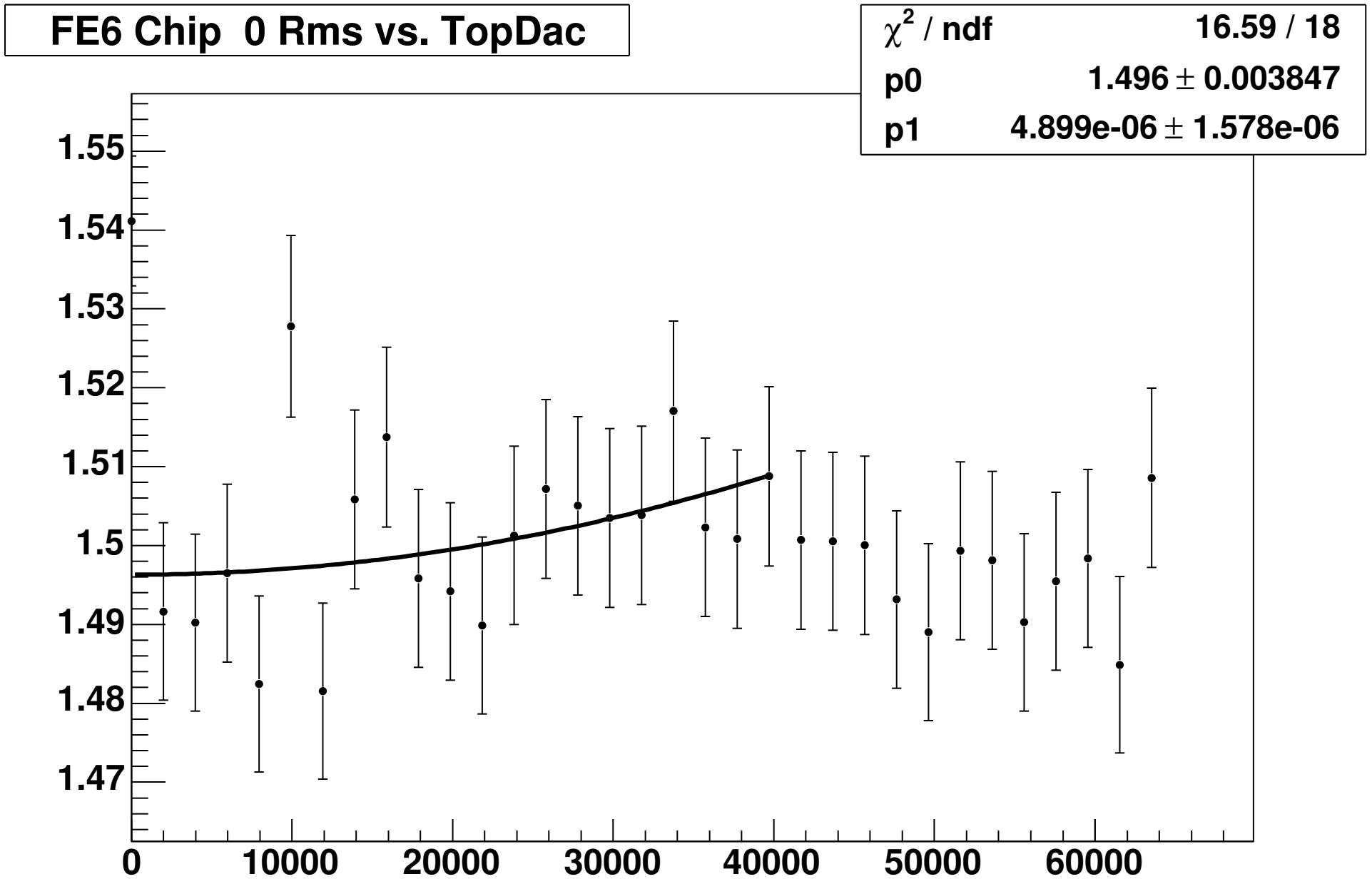
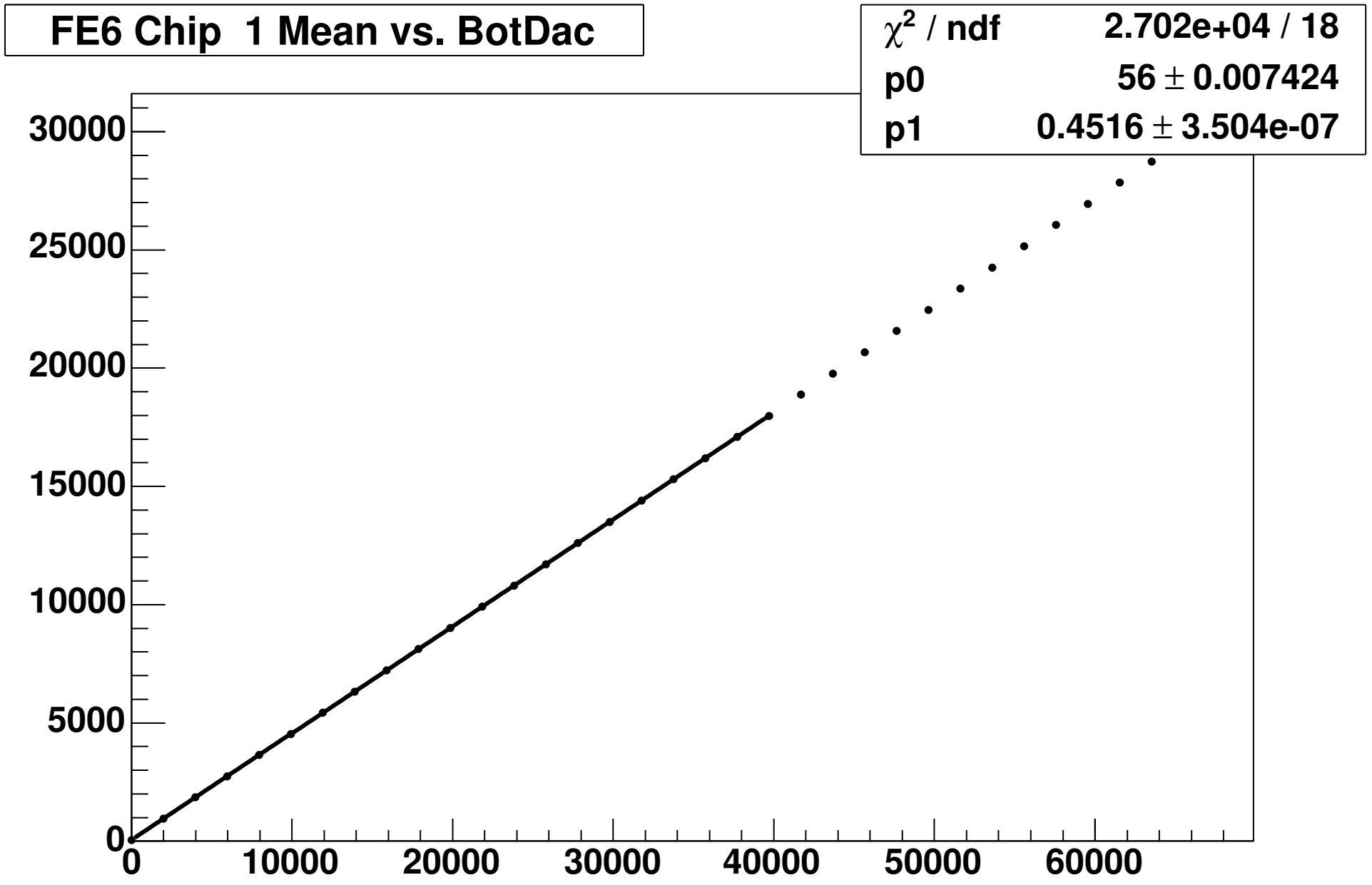

FE6 Chip 0 Rms vs. TopDac
χ² / ndf 16.59 / 18
p0 1.496 ± 0.003847
p1 4.899e-06 ± 1.578e-06
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
0
10000
20000
30000
40000
50000
60000


FE6 Chip 1 Mean vs. BotDac
χ² / ndf 2.702e+04 / 18
p0 56 ± 0.007424
p1 0.4516 ± 3.504e-07
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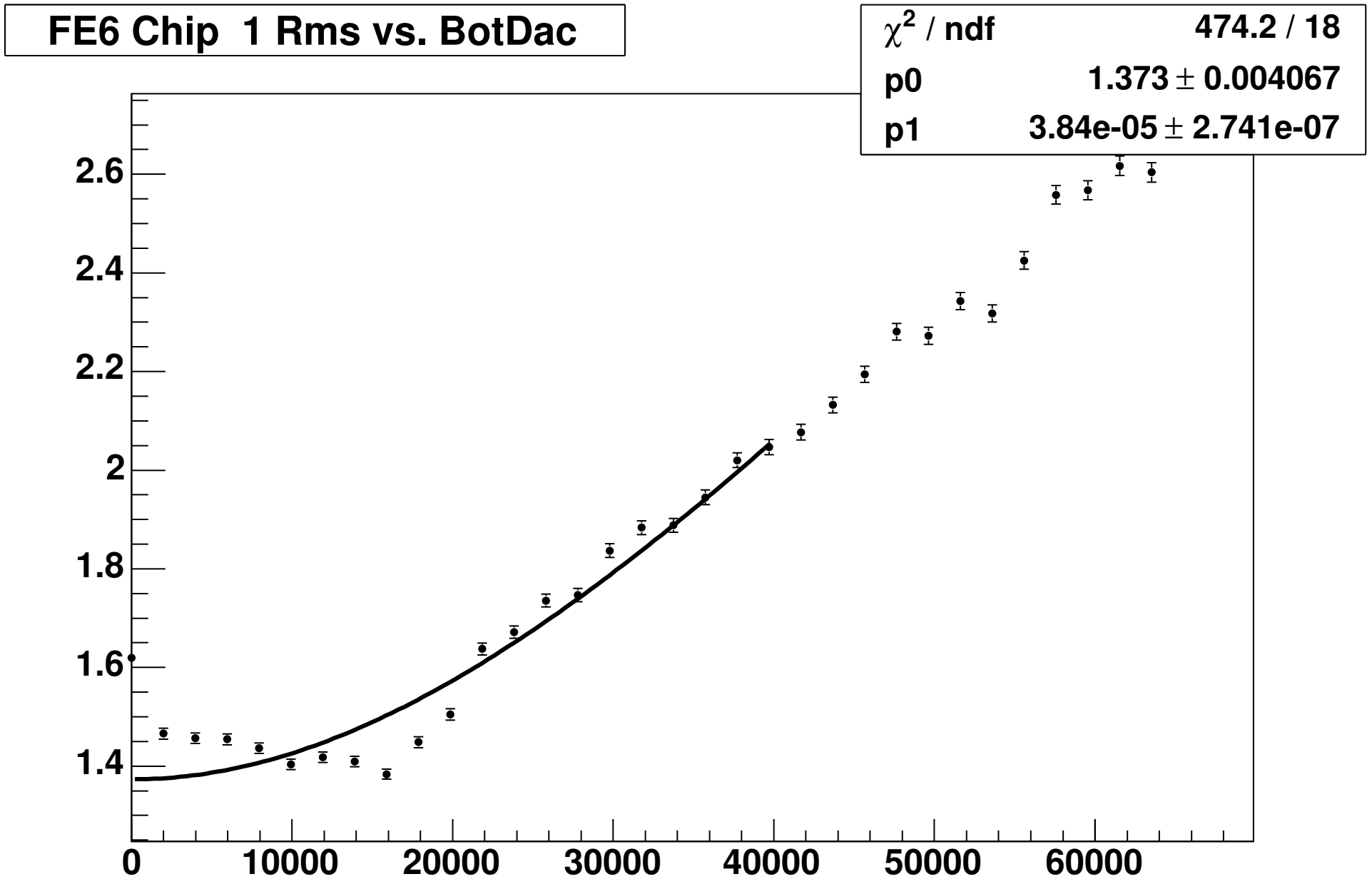
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 1 Rms vs. BotDac
χ² / ndf 474.2 / 18
p0 1.373 ± 0.004067
p1 3.84e-05 ± 2.741e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
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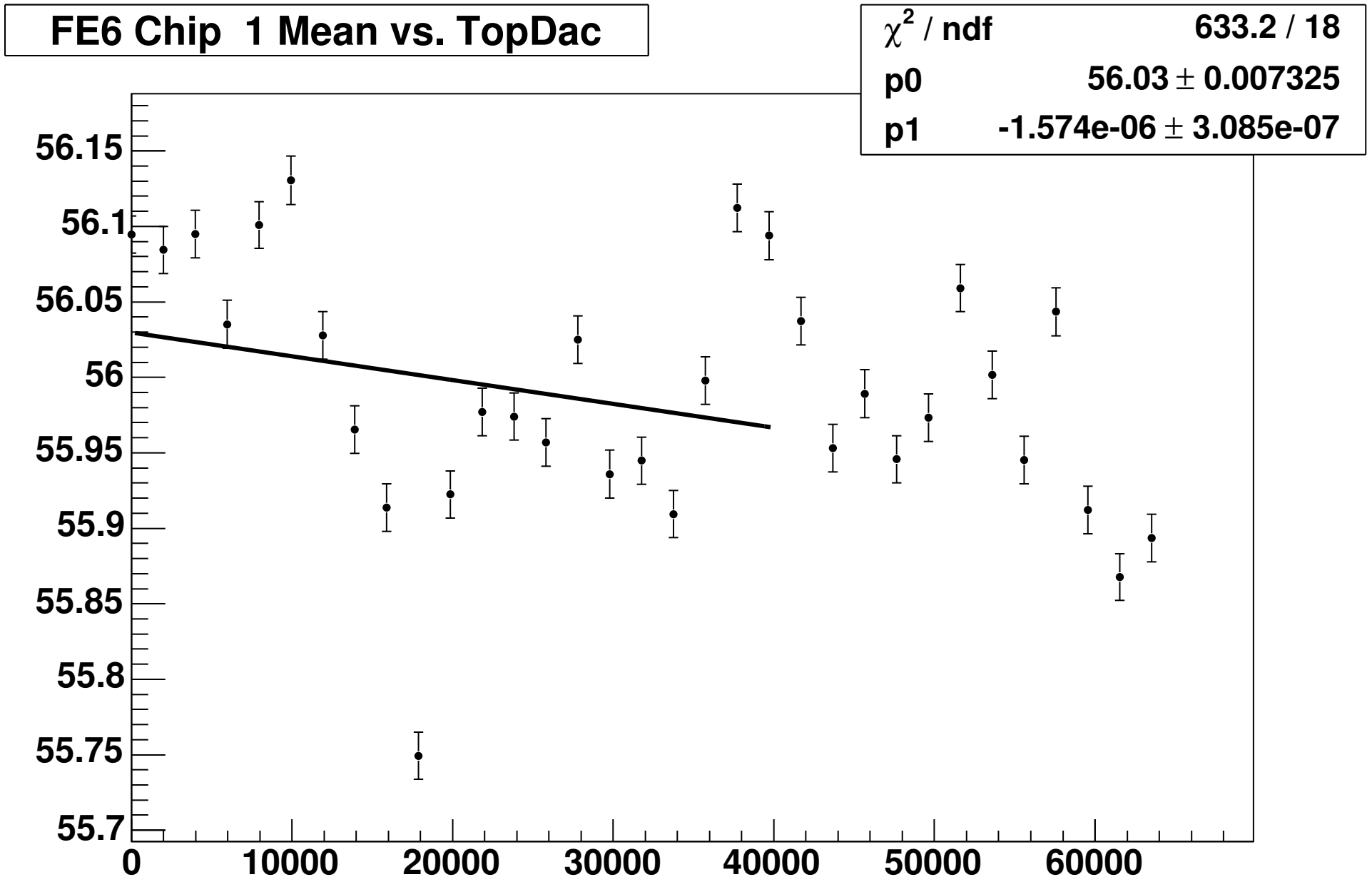
FE6 Chip 1 Mean vs. TopDac
χ² / ndf 633.2 / 18
p0 56.03 ± 0.007325
p1 -1.574e-06 ± 3.085e-07
56.15
56.1
56.05
56
55.95
55.9
55.85
55.8
55.75
55.7
0
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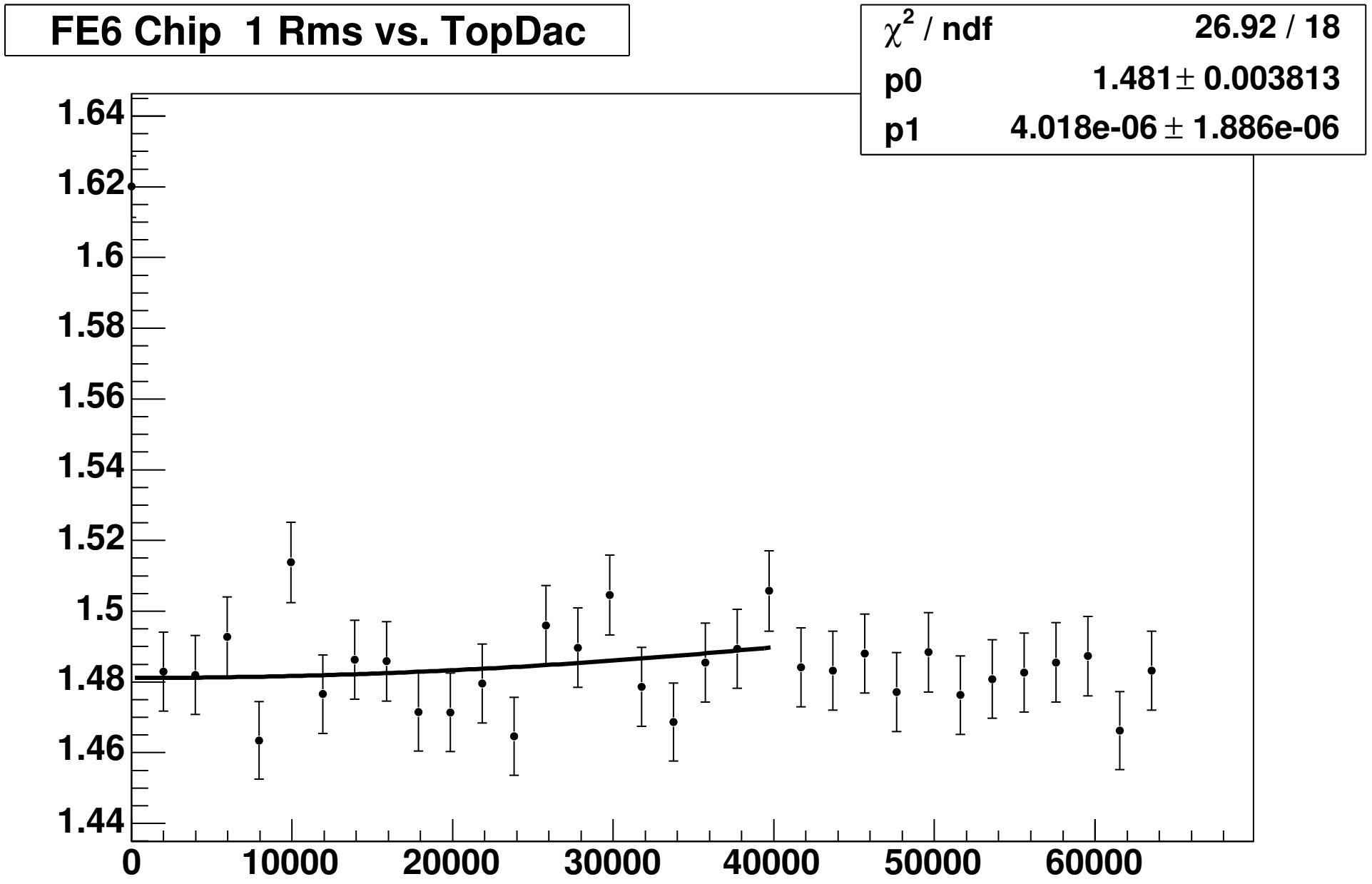
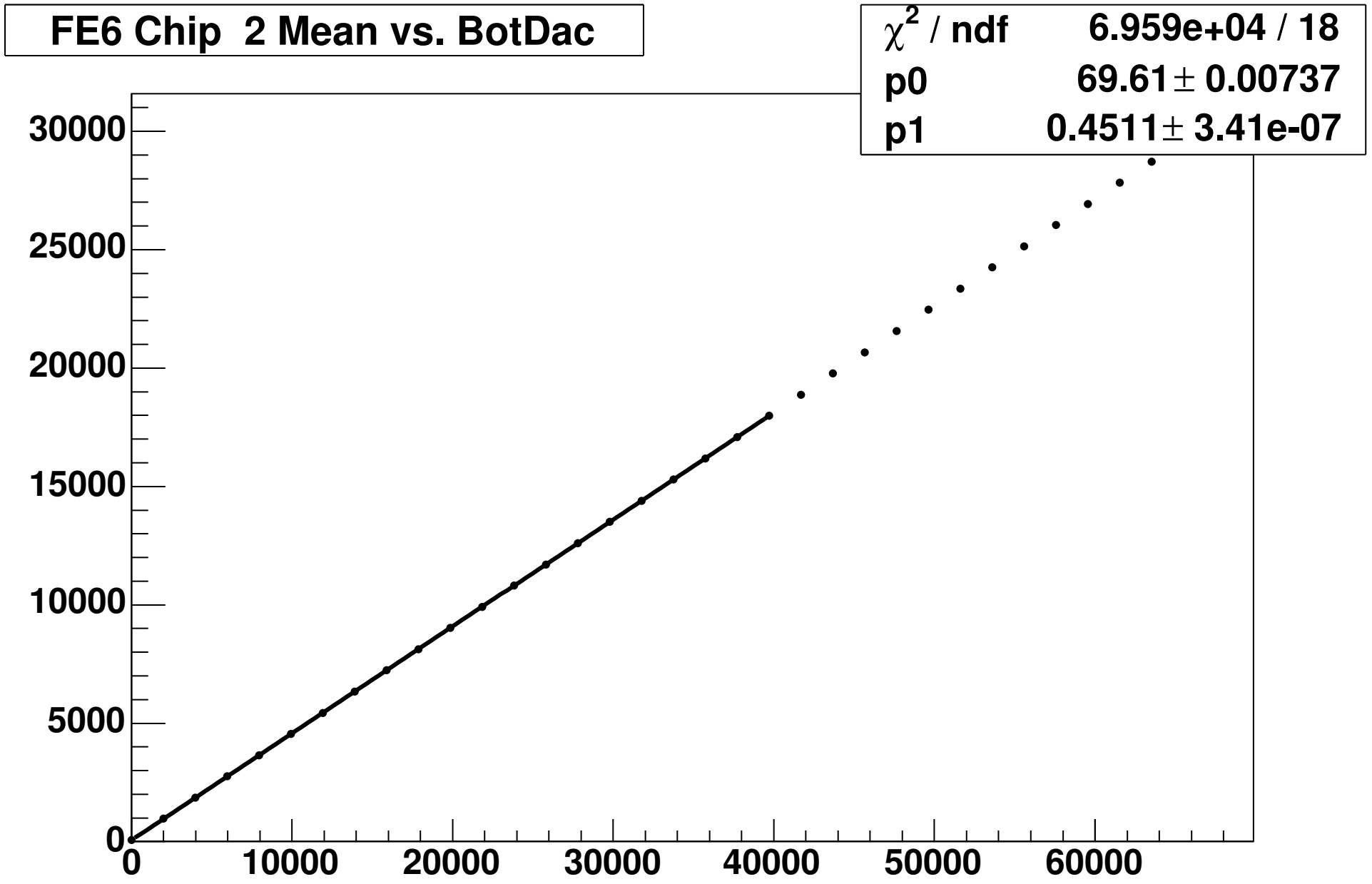
50000
60000


FE6 Chip 1 Rms vs. TopDac
χ² / ndf 26.92 / 18
p0 1.481 ± 0.003813
p1 4.018e-06 ± 1.886e-06
1.64
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
50000
60000


FE6 Chip 2 Mean vs. BotDac
χ² / ndf 6.959e+04 / 18
p0 69.61 ± 0.00737
p1 0.4511 ± 3.41e-07
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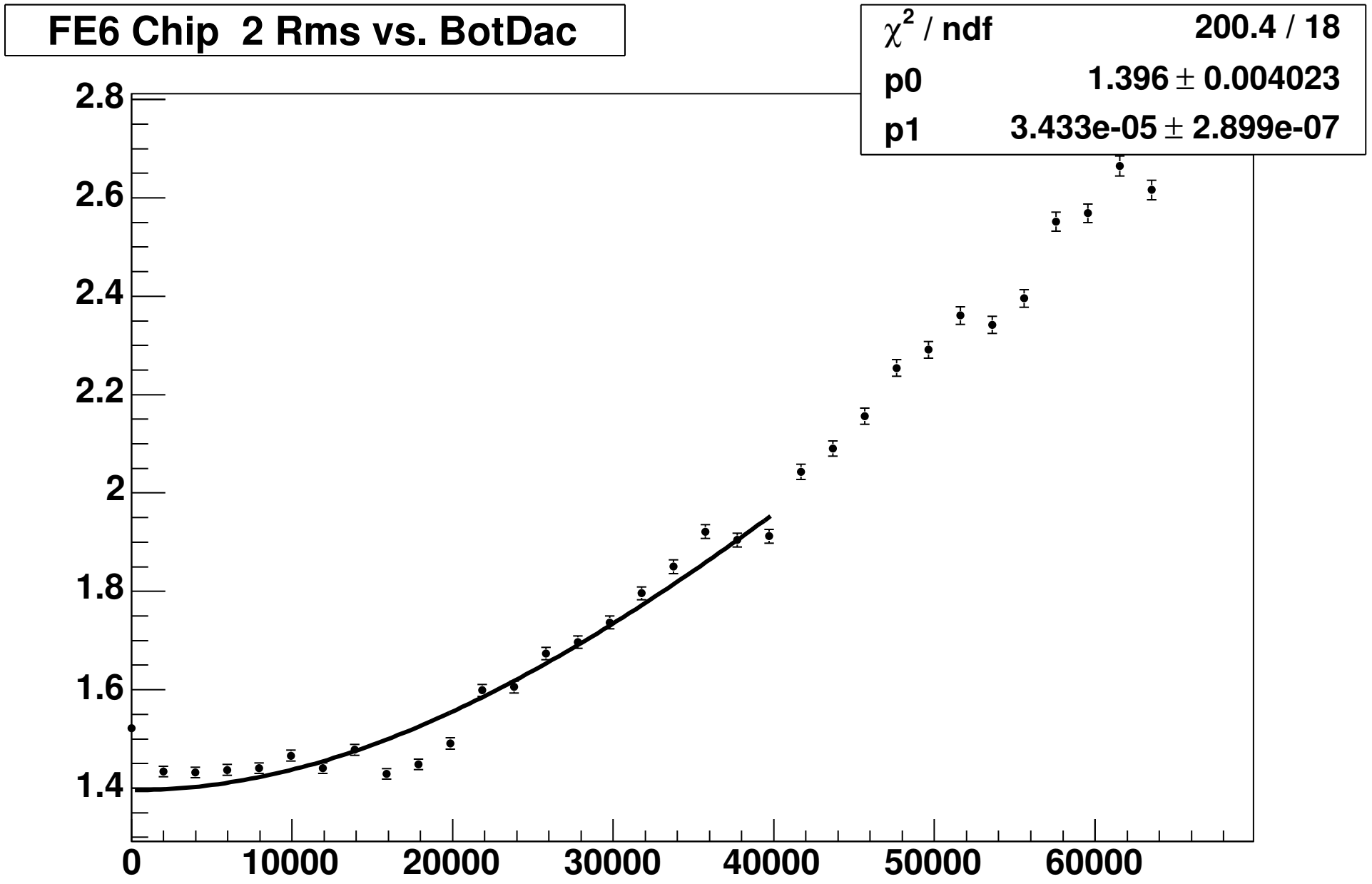
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 2 Rms vs. BotDac
χ² / ndf 200.4 / 18
p0 1.396 ± 0.004023
p1 3.433e-05 ± 2.899e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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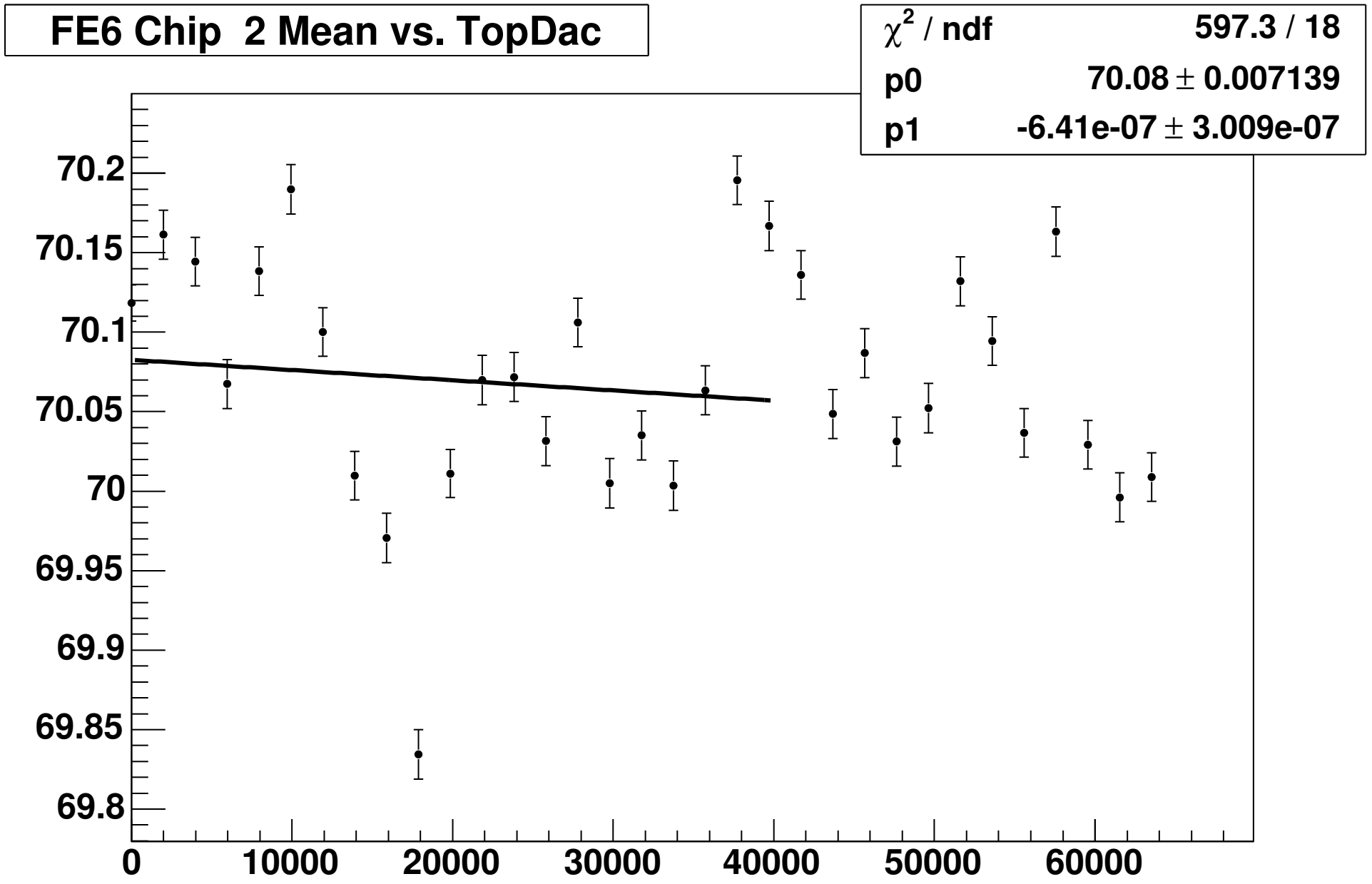
30000
40000
50000
60000


FE6 Chip 2 Mean vs. TopDac
χ² / ndf 597.3 / 18
p0 70.08 ± 0.007139
p1 -6.41e-07 ± 3.009e-07
70.2
70.15
70.1
70.05
70
69.95
69.9
69.85
69.8
0
10000
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40000
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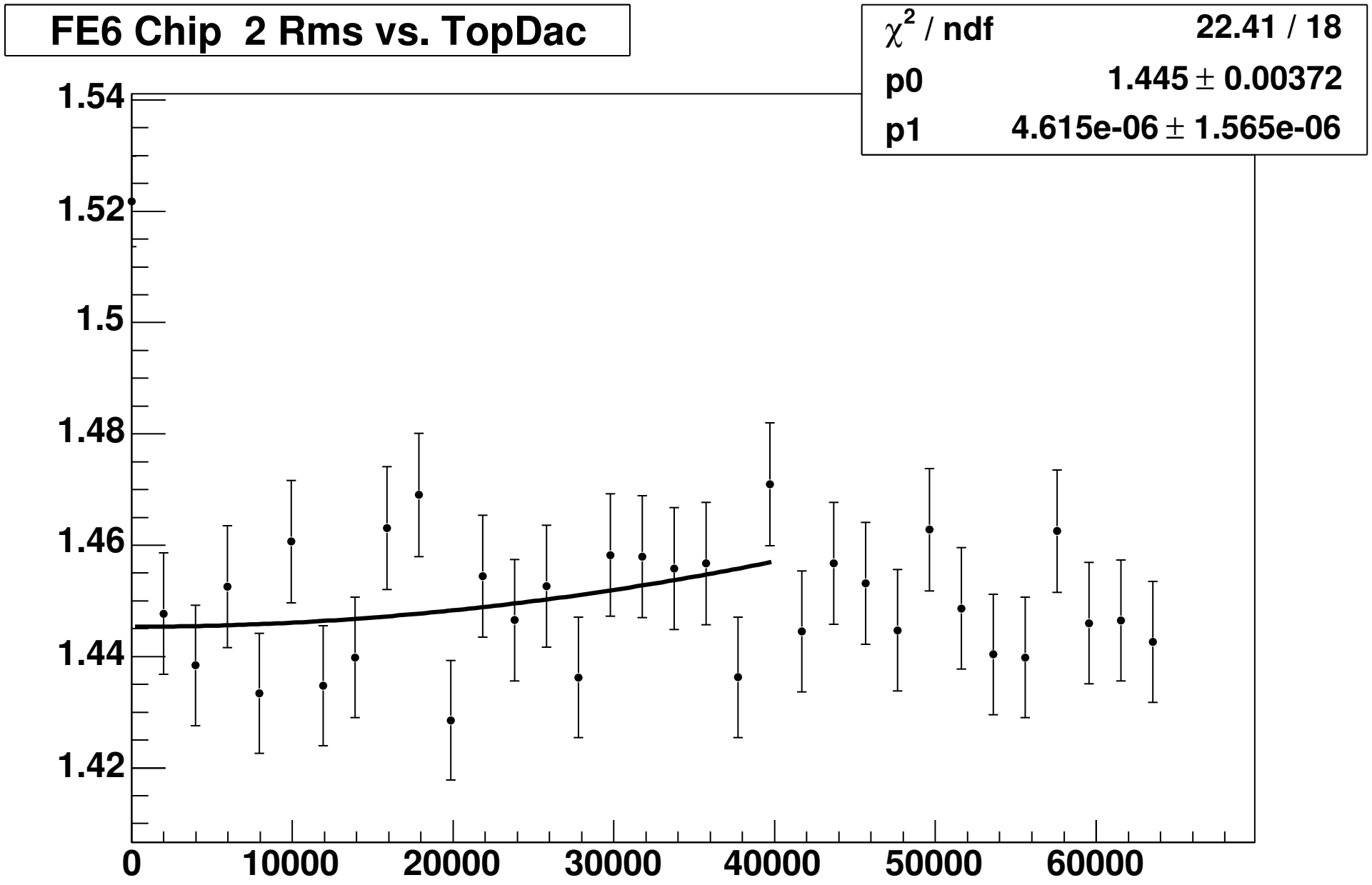
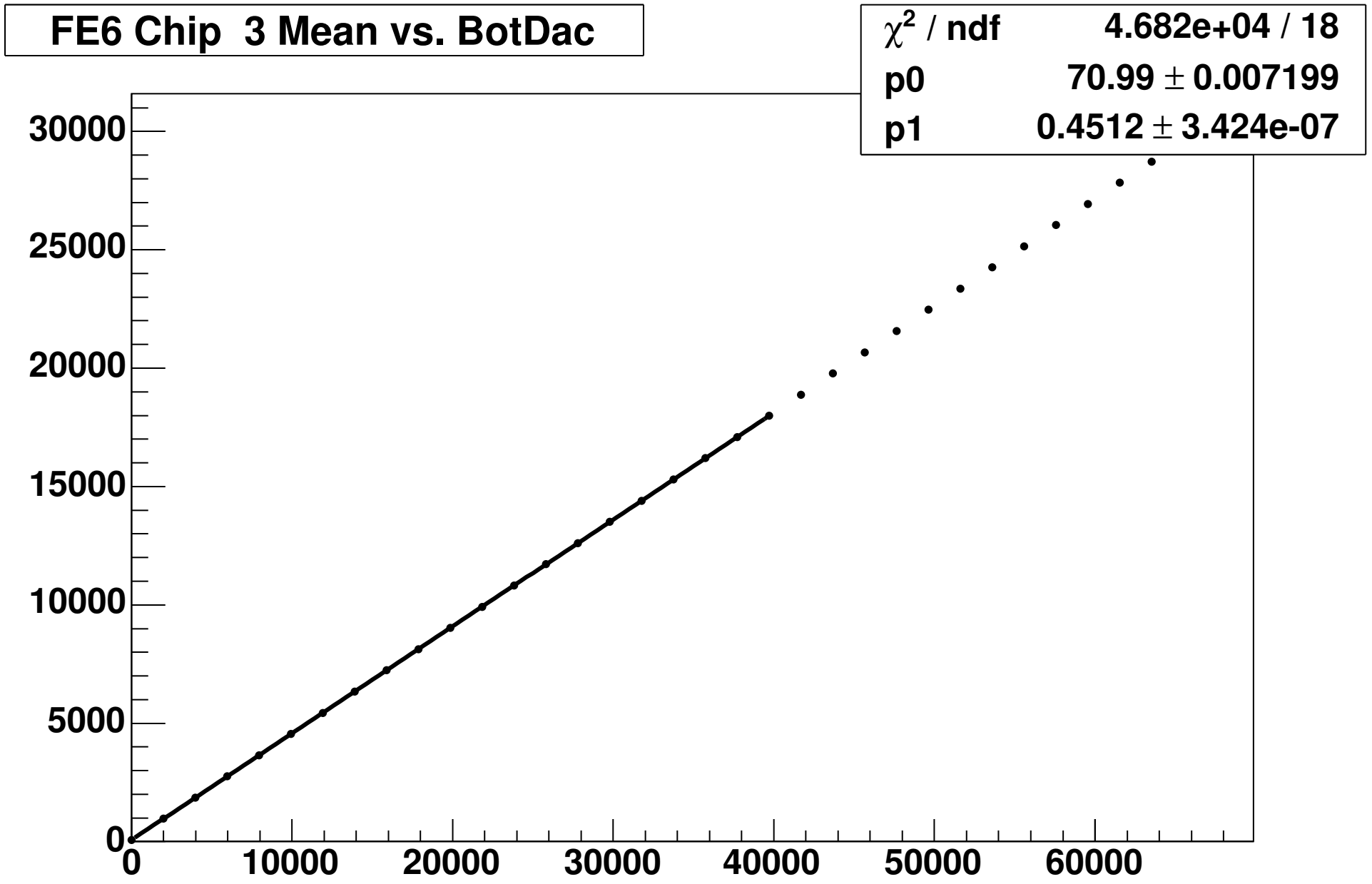

FE6 Chip 2 Rms vs. TopDac
χ² / ndf 22.41 / 18
p0 1.445 ± 0.00372
p1 4.615e-06 ± 1.565e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000


FE6 Chip 3 Mean vs. BotDac
χ² / ndf 4.682e+04 / 18
p0 70.99 ± 0.007199
p1 0.4512 ± 3.424e-07
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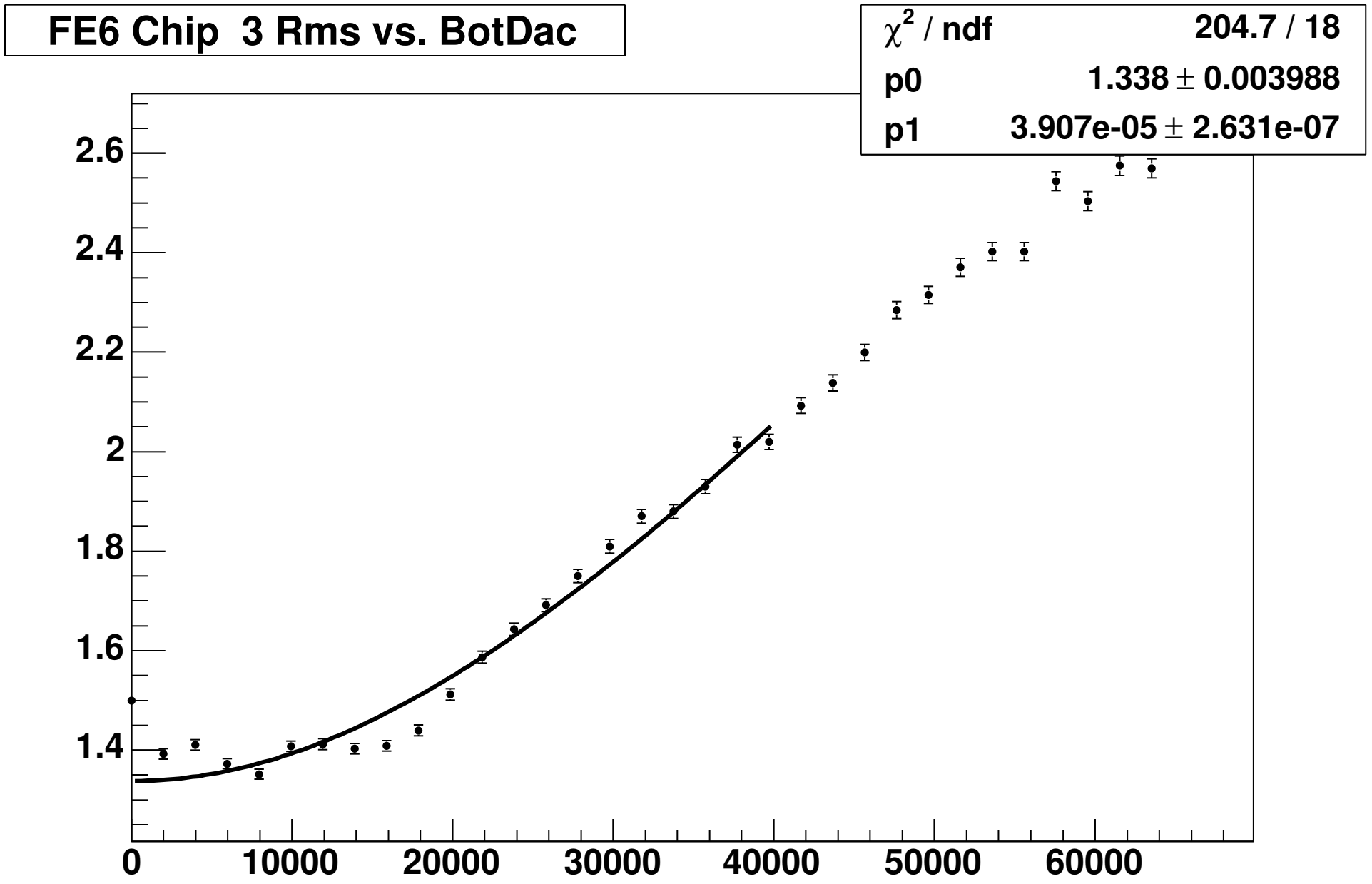
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 3 Rms vs. BotDac
χ² / ndf 204.7 / 18
p0 1.338 ± 0.003988
p1 3.907e-05 ± 2.631e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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40000
50000
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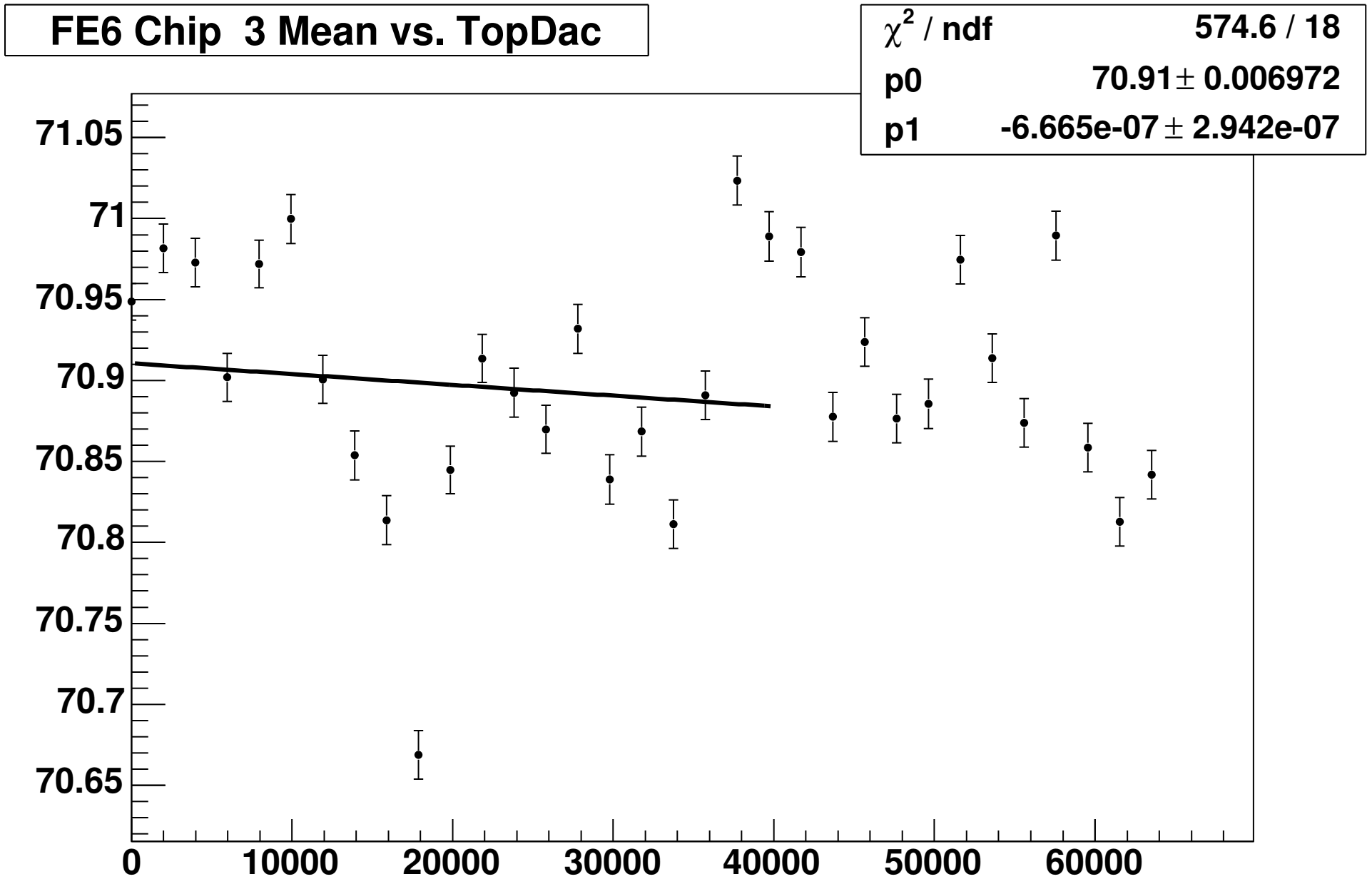
FE6 Chip 3 Mean vs. TopDac
χ² / ndf 574.6 / 18
p0 70.91 ± 0.006972
p1 -6.665e-07 ± 2.942e-07
71.05
71
70.95
70.9
70.85
70.8
70.75
70.7
70.65
0
10000
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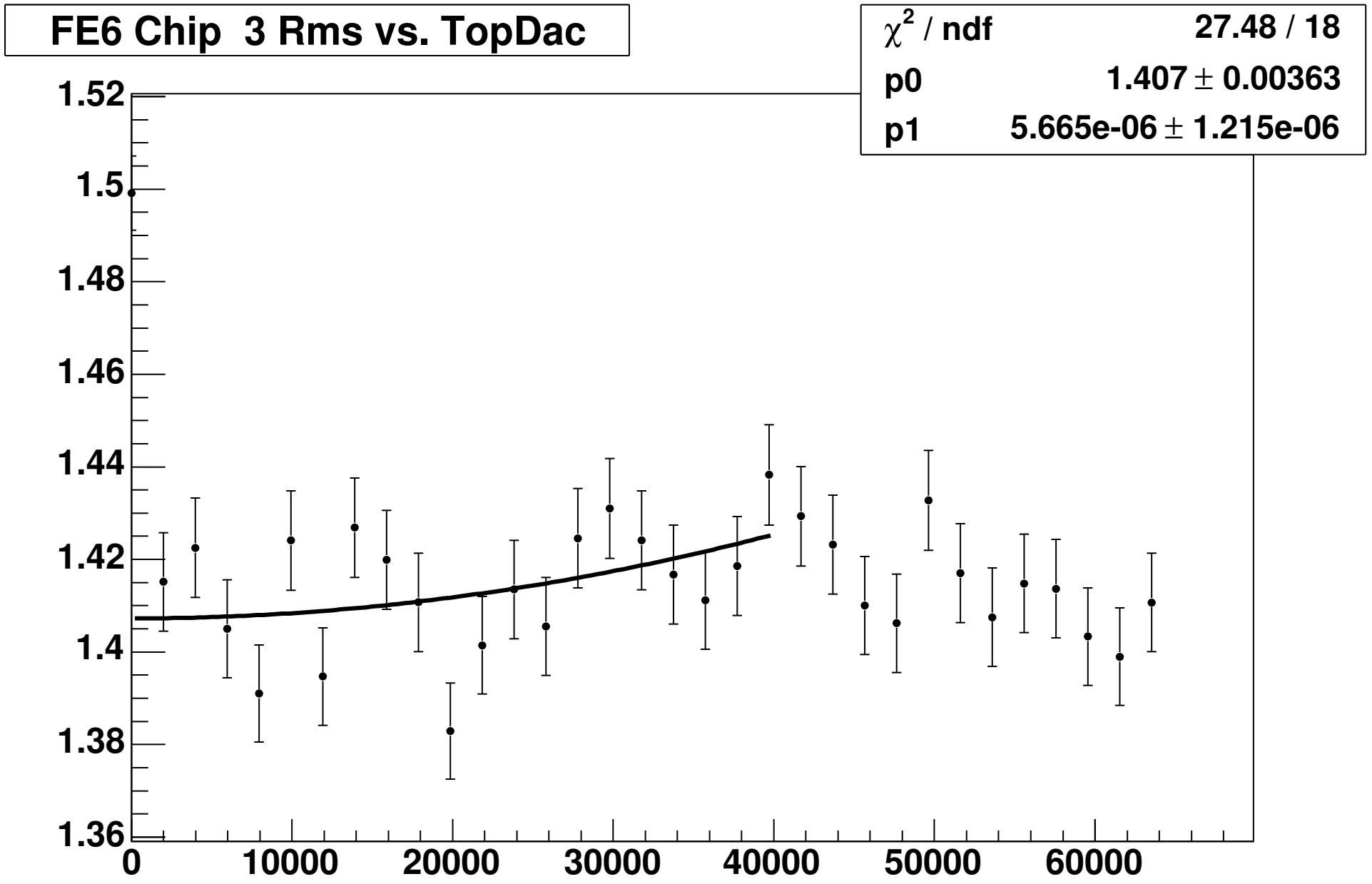
FE6 Chip 3 Rms vs. TopDac
χ² / ndf 27.48 / 18
p0 1.407 ± 0.00363
p1 5.665e-06 ± 1.215e-06
1.52
1.5
1.48
1.46
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1.42
1.4
1.38
1.36
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10000
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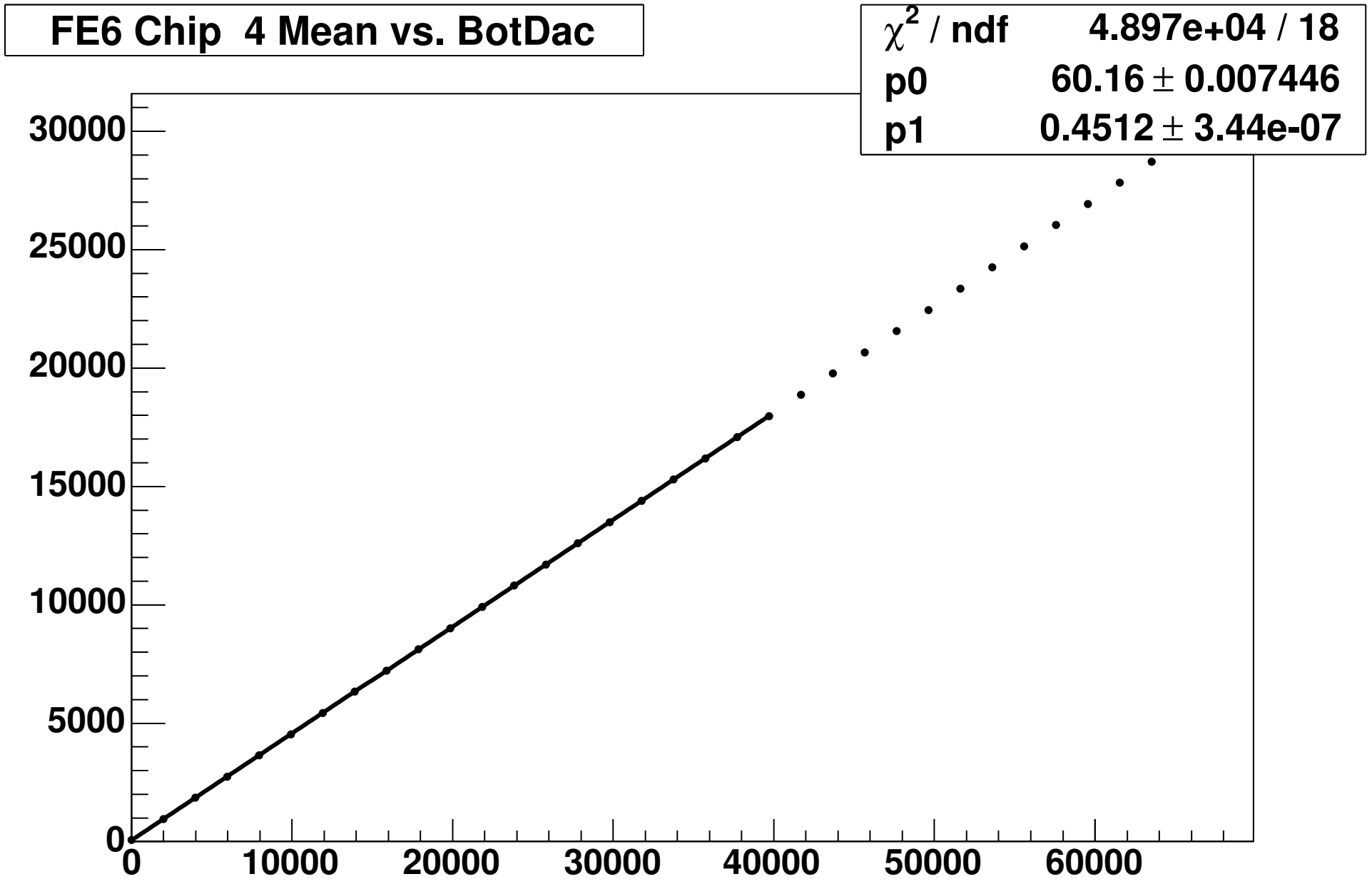
FE6 Chip 4 Mean vs. BotDac
χ² / ndf 4.897e+04 / 18
p0 60.16 ± 0.007446
p1 0.4512 ± 3.44e-07
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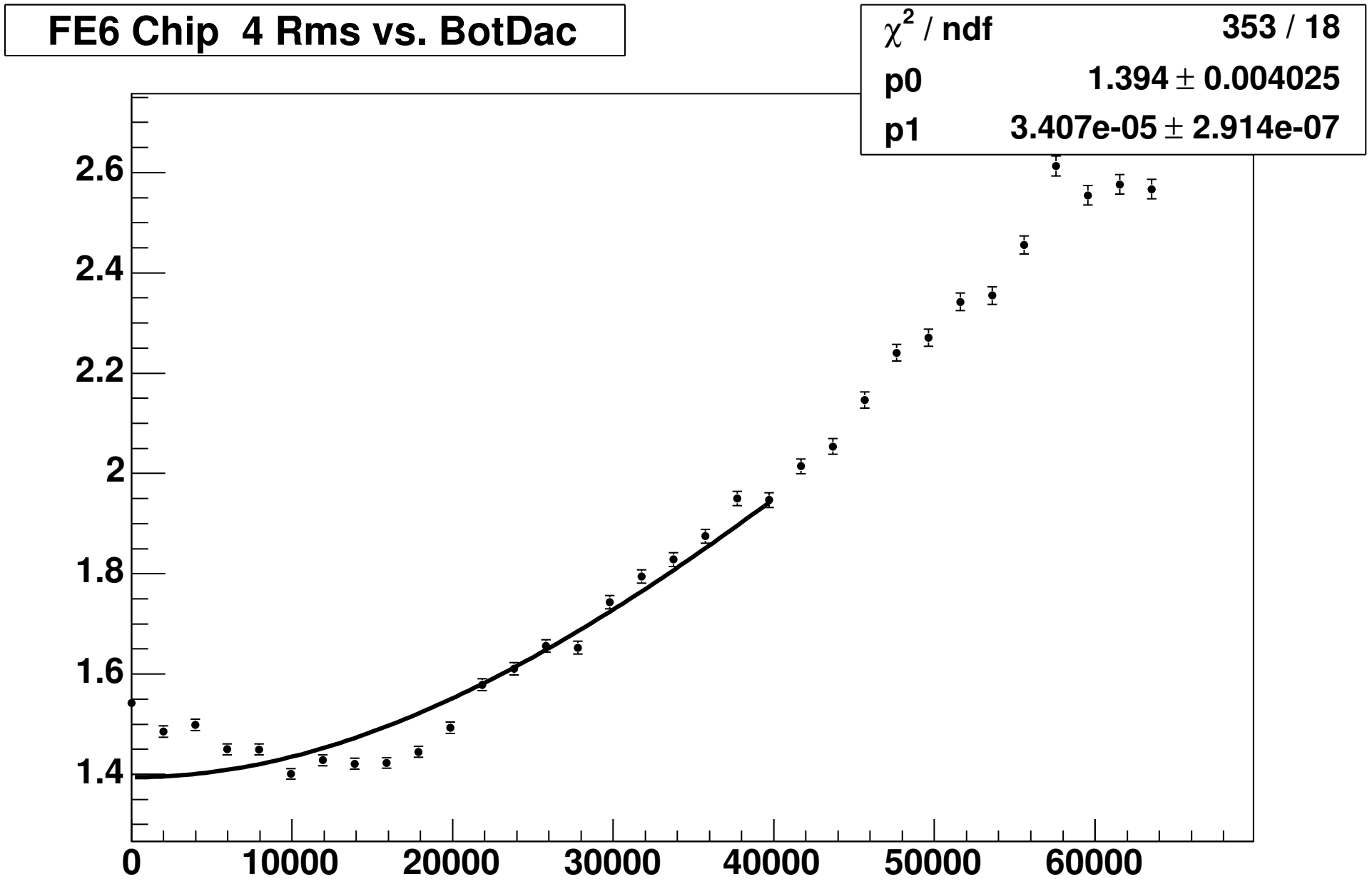
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 4 Rms vs. BotDac
χ² / ndf 353 / 18
p0 1.394 ± 0.004025
p1 3.407e-05 ± 2.914e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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30000
40000
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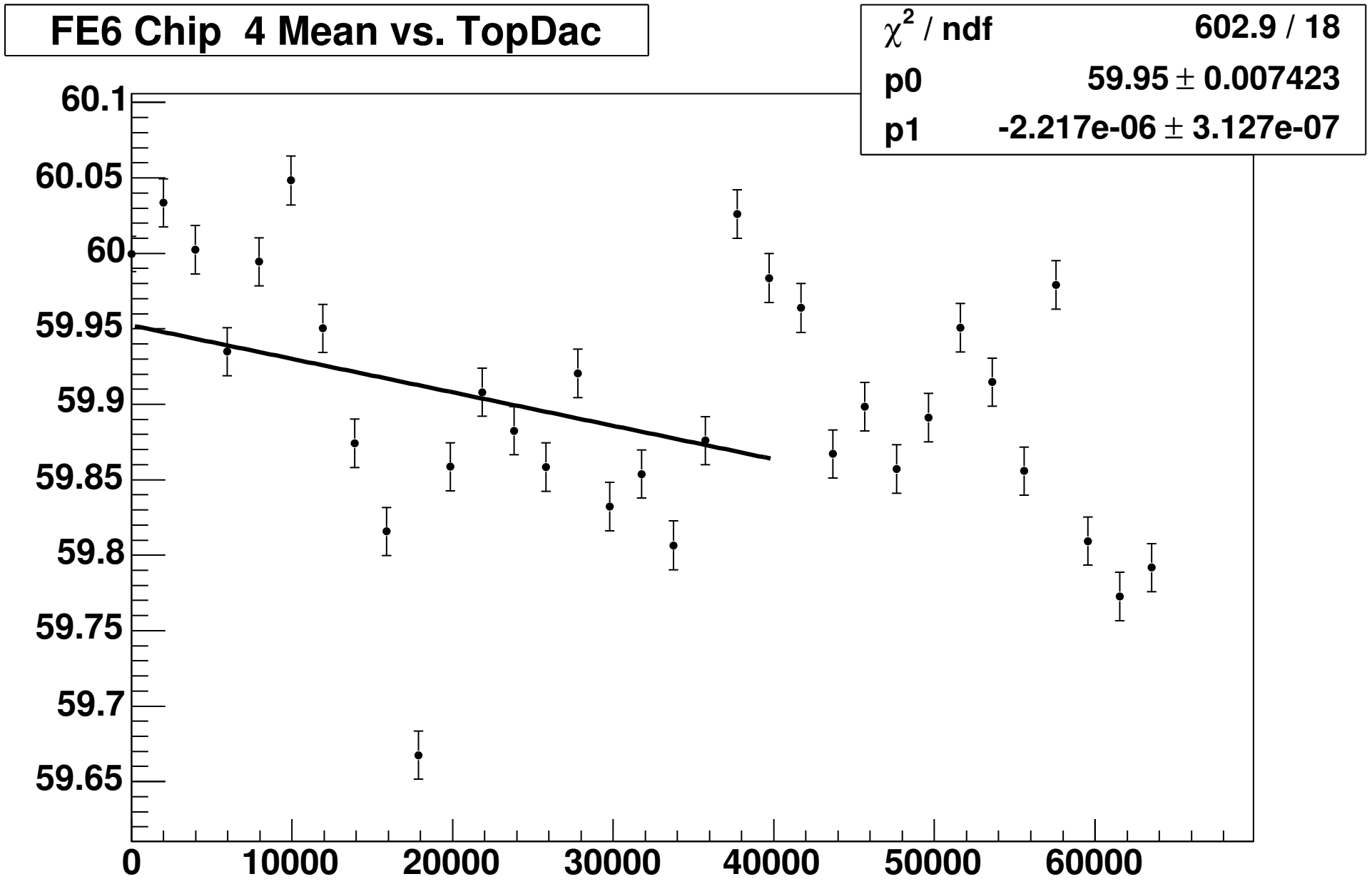
FE6 Chip 4 Mean vs. TopDac
χ² / ndf 602.9 / 18
p0 59.95 ± 0.007423
p1 -2.217e-06 ± 3.127e-07
60.1
60.05
60
59.95
59.9
59.85
59.8
59.75
59.7
59.65
0
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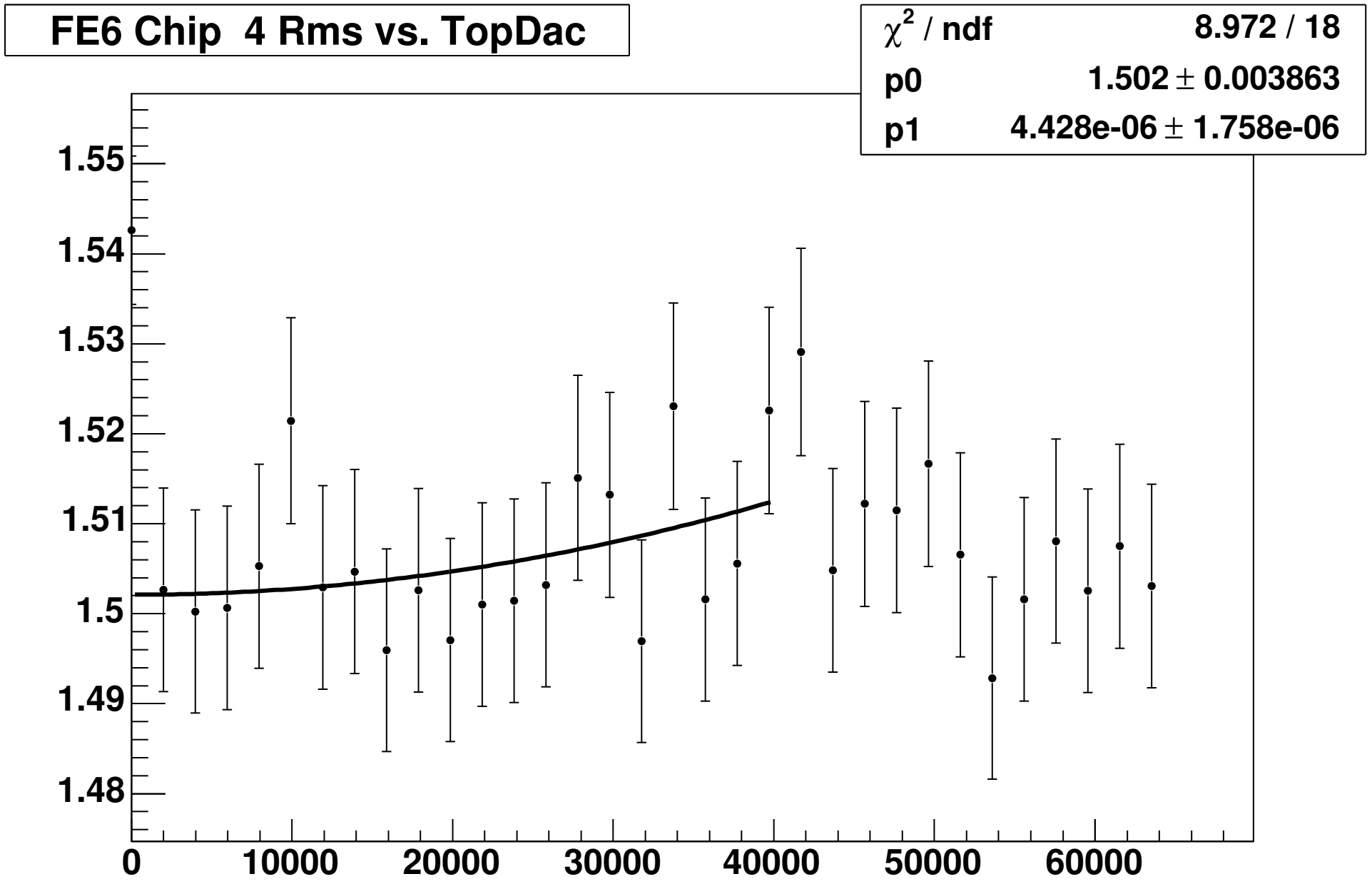
FE6 Chip 4 Rms vs. TopDac
χ² / ndf 8.972 / 18
p0 1.502 ± 0.003863
p1 4.428e-06 ± 1.758e-06
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
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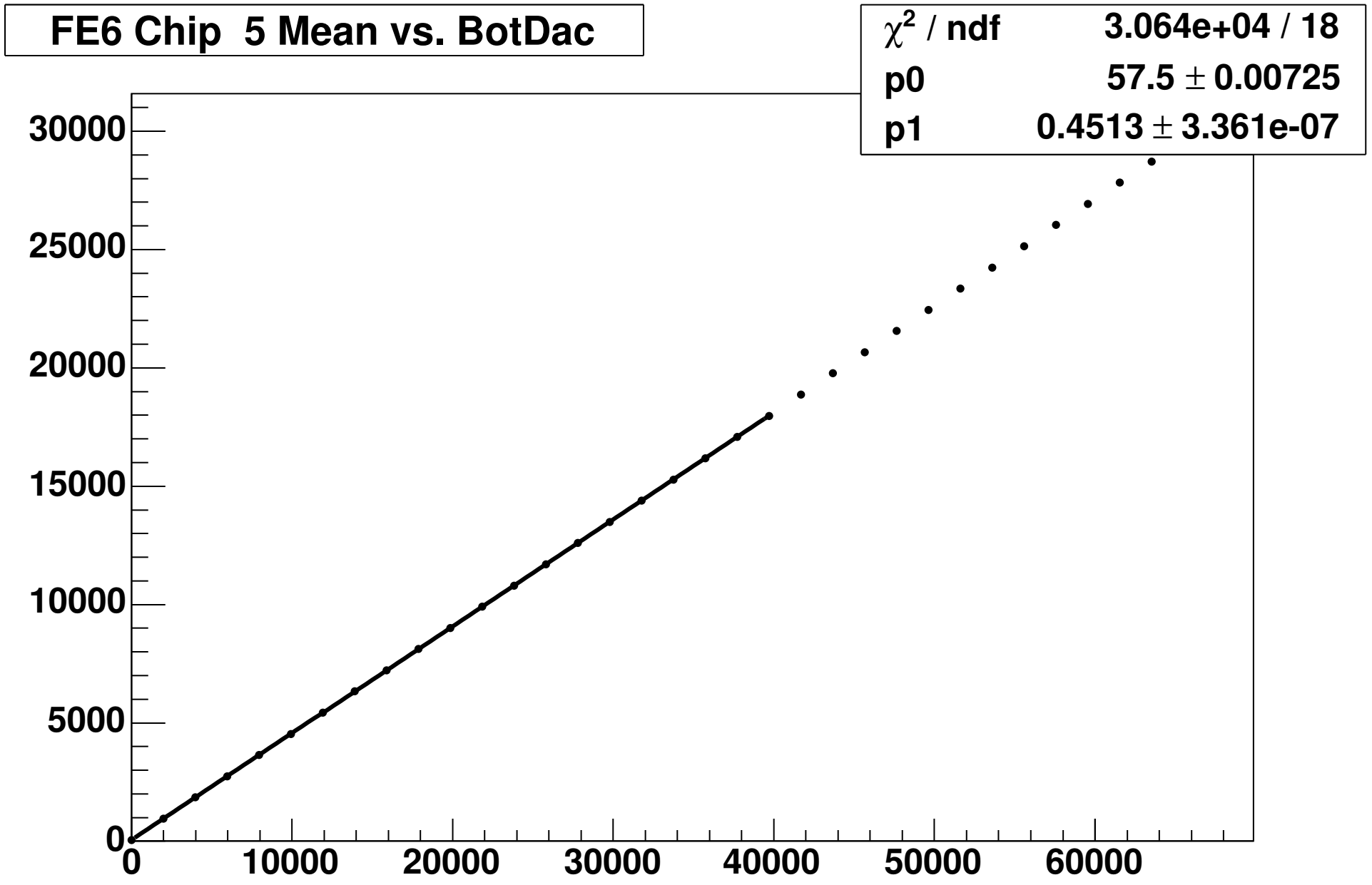
60000


FE6 Chip 5 Mean vs. BotDac
χ² / ndf 3.064e+04 / 18
p0 57.5 ± 0.00725
p1 0.4513 ± 3.361e-07
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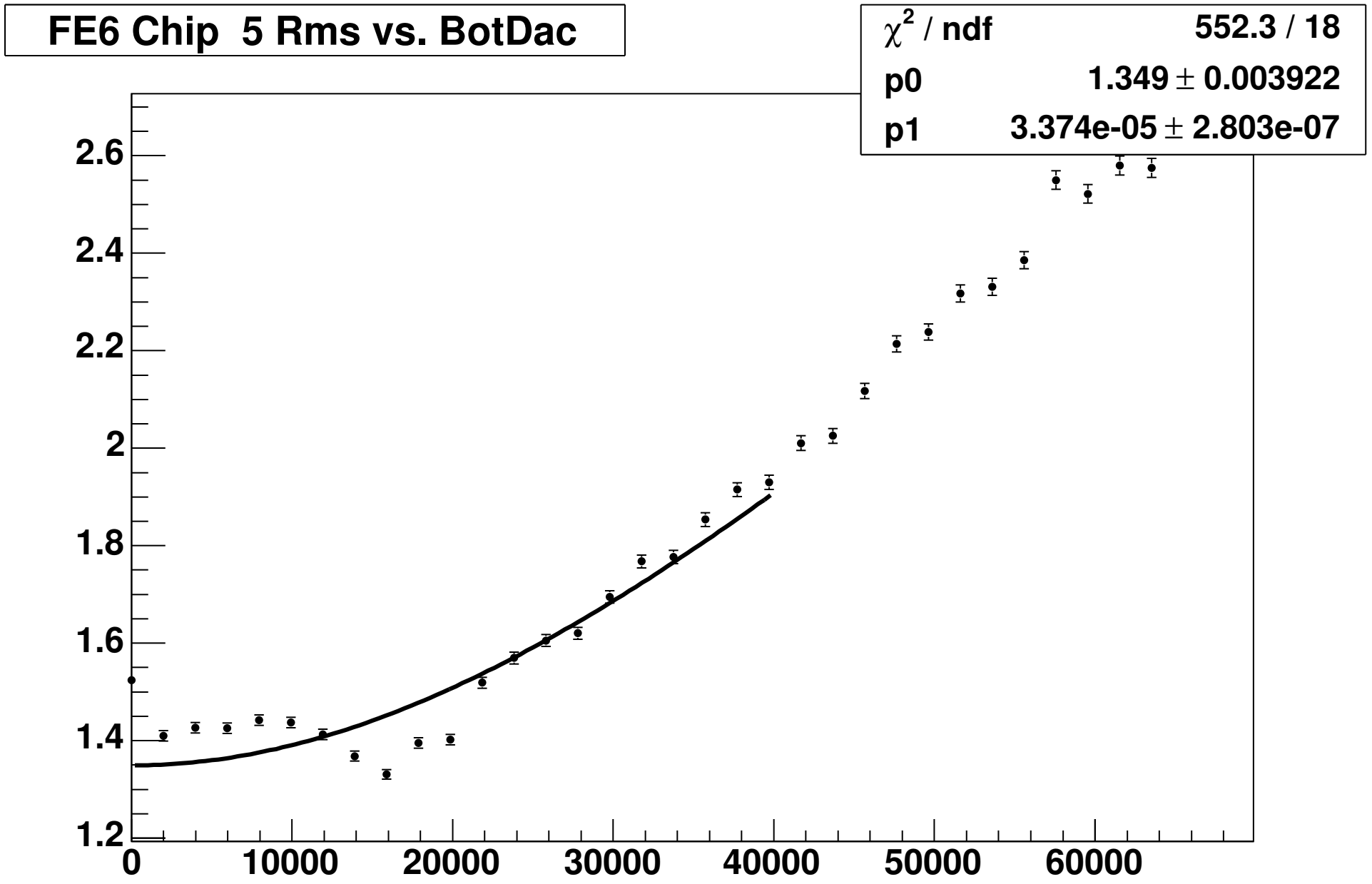
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 5 Rms vs. BotDac
χ² / ndf 552.3 / 18
p0 1.349 ± 0.003922
p1 3.374e-05 ± 2.803e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
0
10000
20000
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40000
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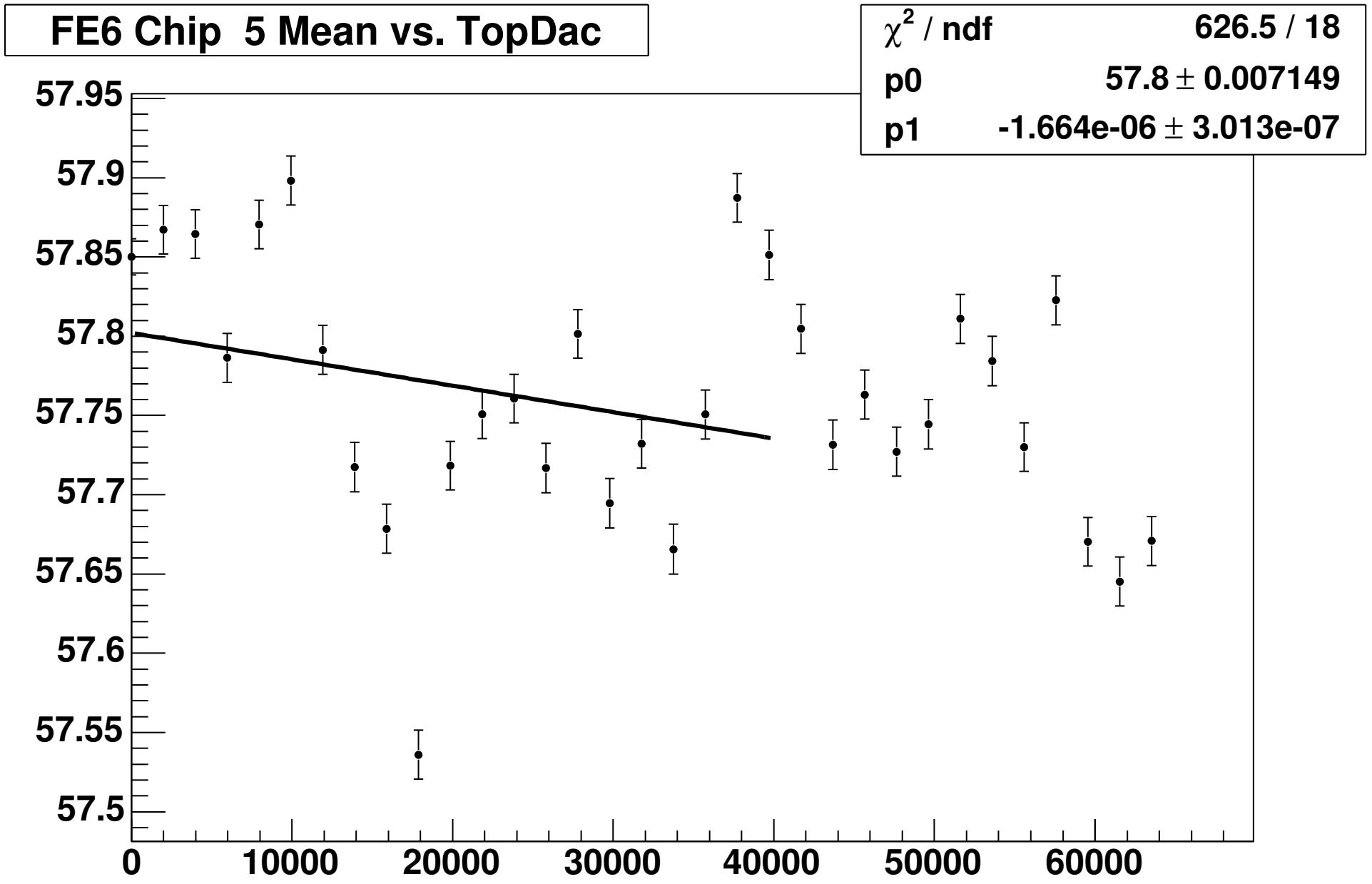
FE6 Chip 5 Mean vs. TopDac
χ² / ndf 626.5 / 18
p0 57.8 ± 0.007149
p1 -1.664e-06 ± 3.013e-07
57.95
57.9
57.85
57.8
57.75
57.7
57.65
57.6
57.55
57.5
0
10000
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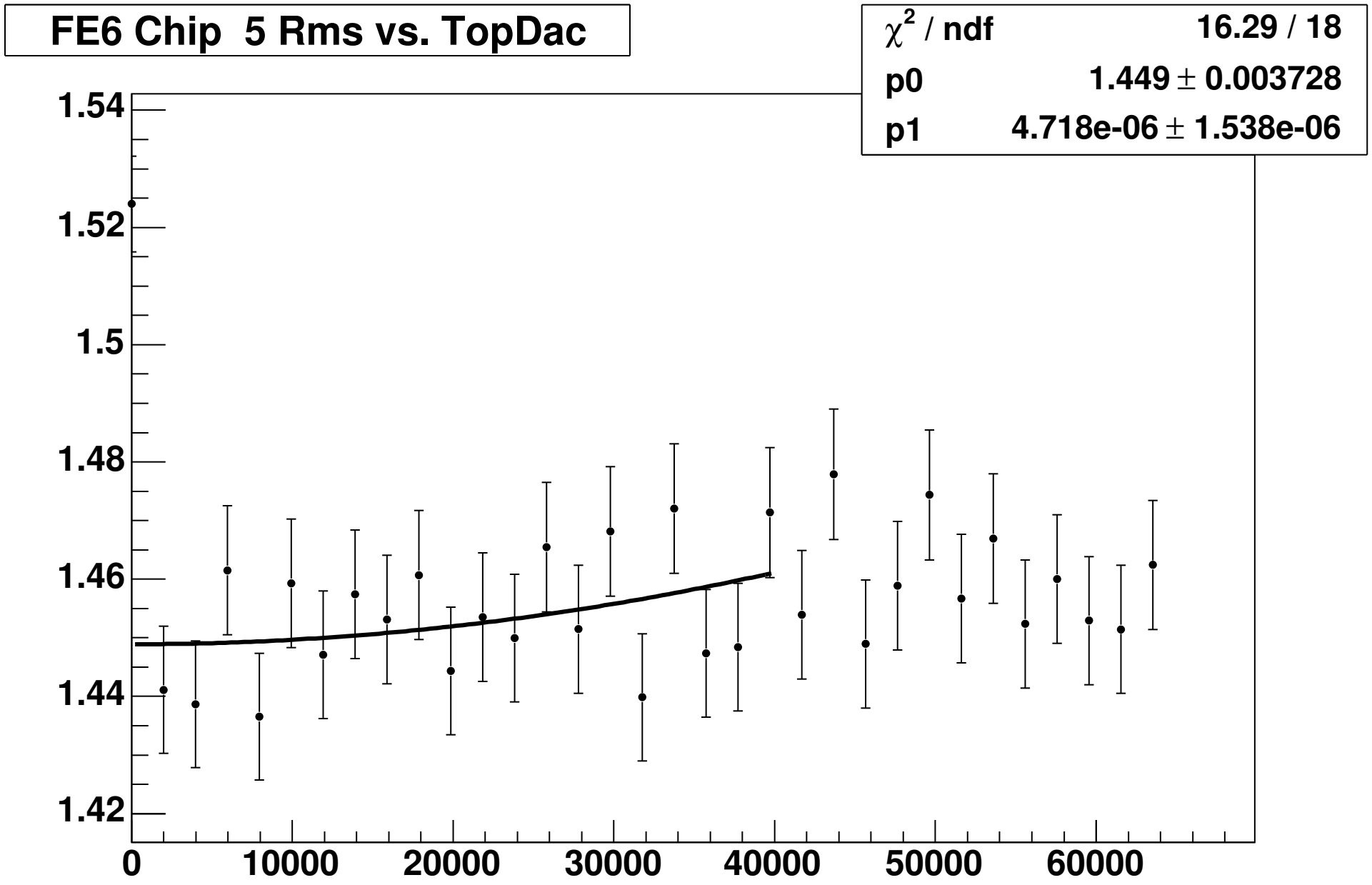
FE6 Chip 5 Rms vs. TopDac
χ² / ndf 16.29 / 18
p0 1.449 ± 0.003728
p1 4.718e-06 ± 1.538e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
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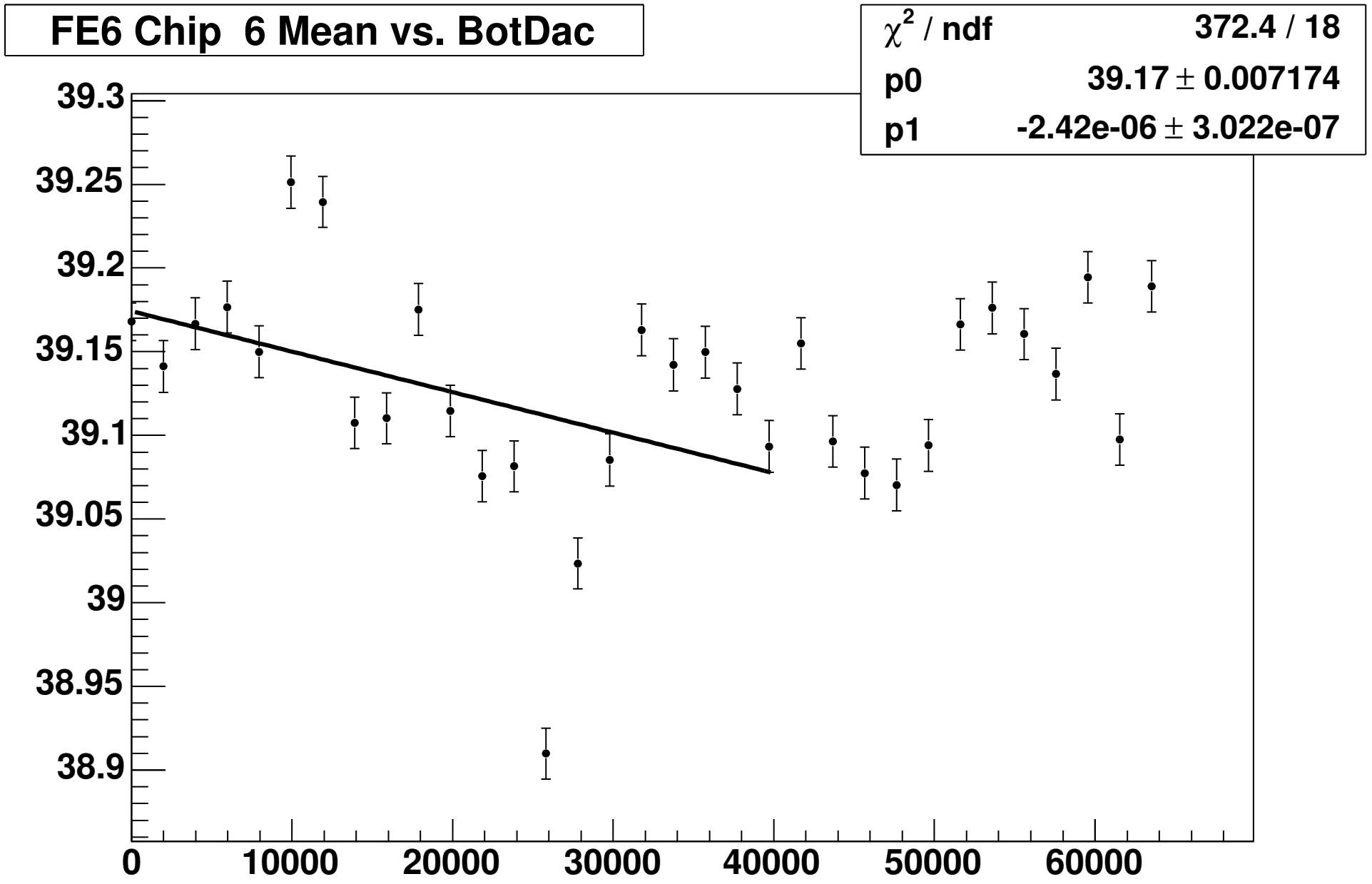
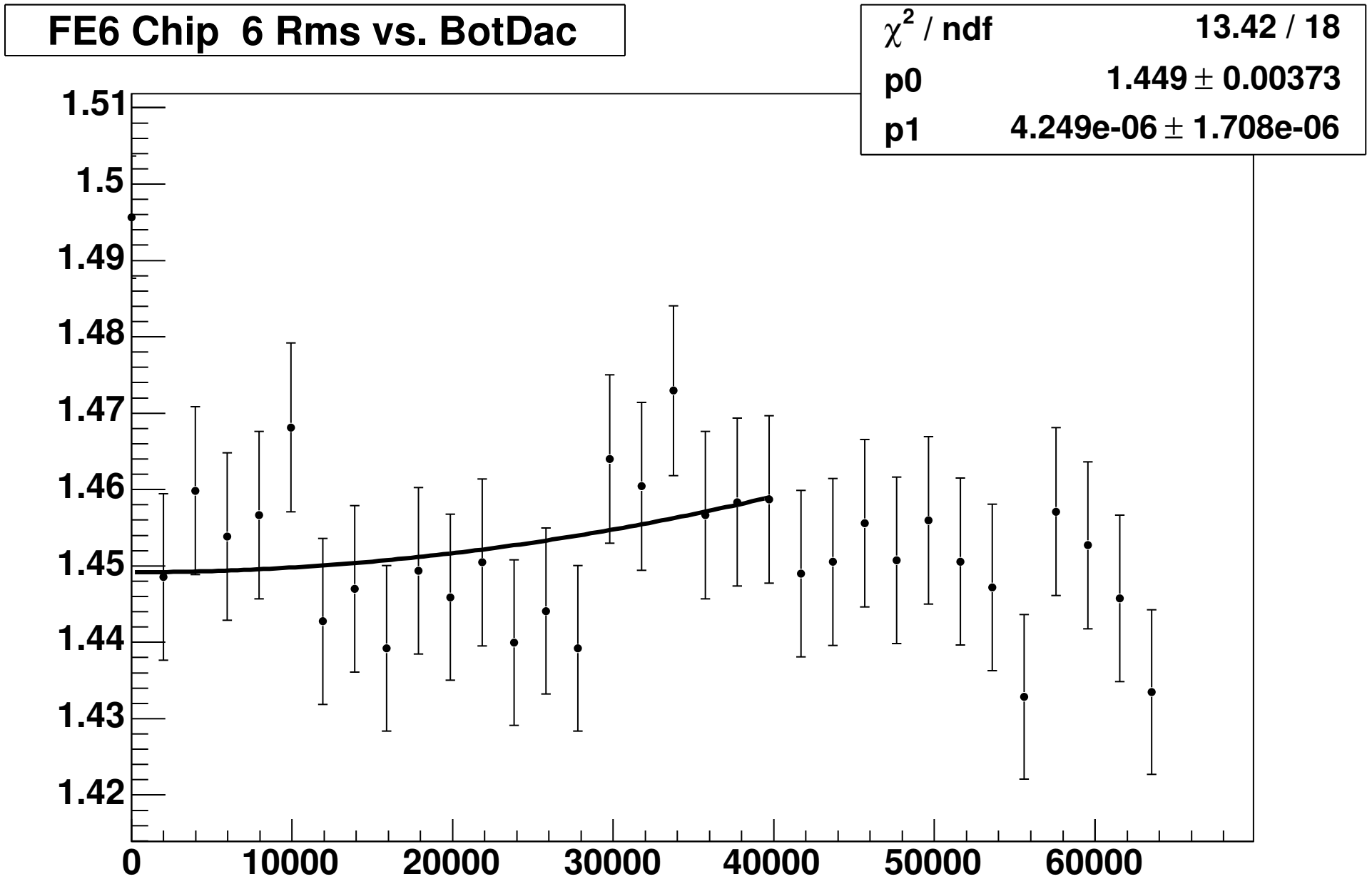
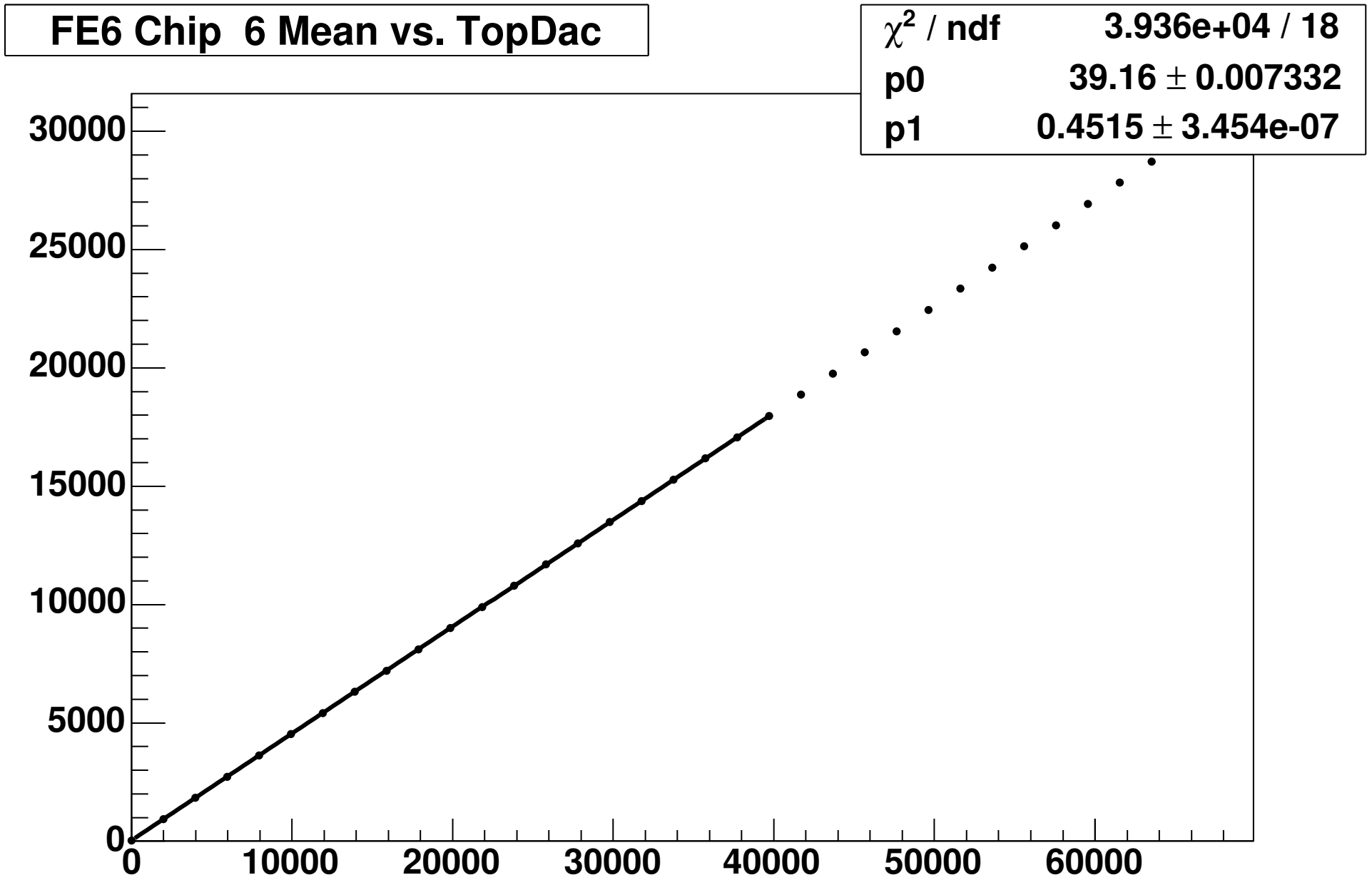

FE6 Chip 6 Mean vs. BotDac
χ² / ndf 372.4 / 18
p0 39.17 ± 0.007174
p1 -2.42e-06 ± 3.022e-07
39.3
39.25
39.2
39.15
39.1
39.05
39
38.95
38.9
0
10000
20000
30000
40000
50000
60000


FE6 Chip 6 Rms vs. BotDac
χ² / ndf 13.42 / 18
p0 1.449 ± 0.00373
p1 4.249e-06 ± 1.708e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
10000
20000
30000
40000
50000
60000


FE6 Chip 6 Mean vs. TopDac
χ² / ndf 3.936e+04 / 18
p0 39.16 ± 0.007332
p1 0.4515 ± 3.454e-07
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0
10000
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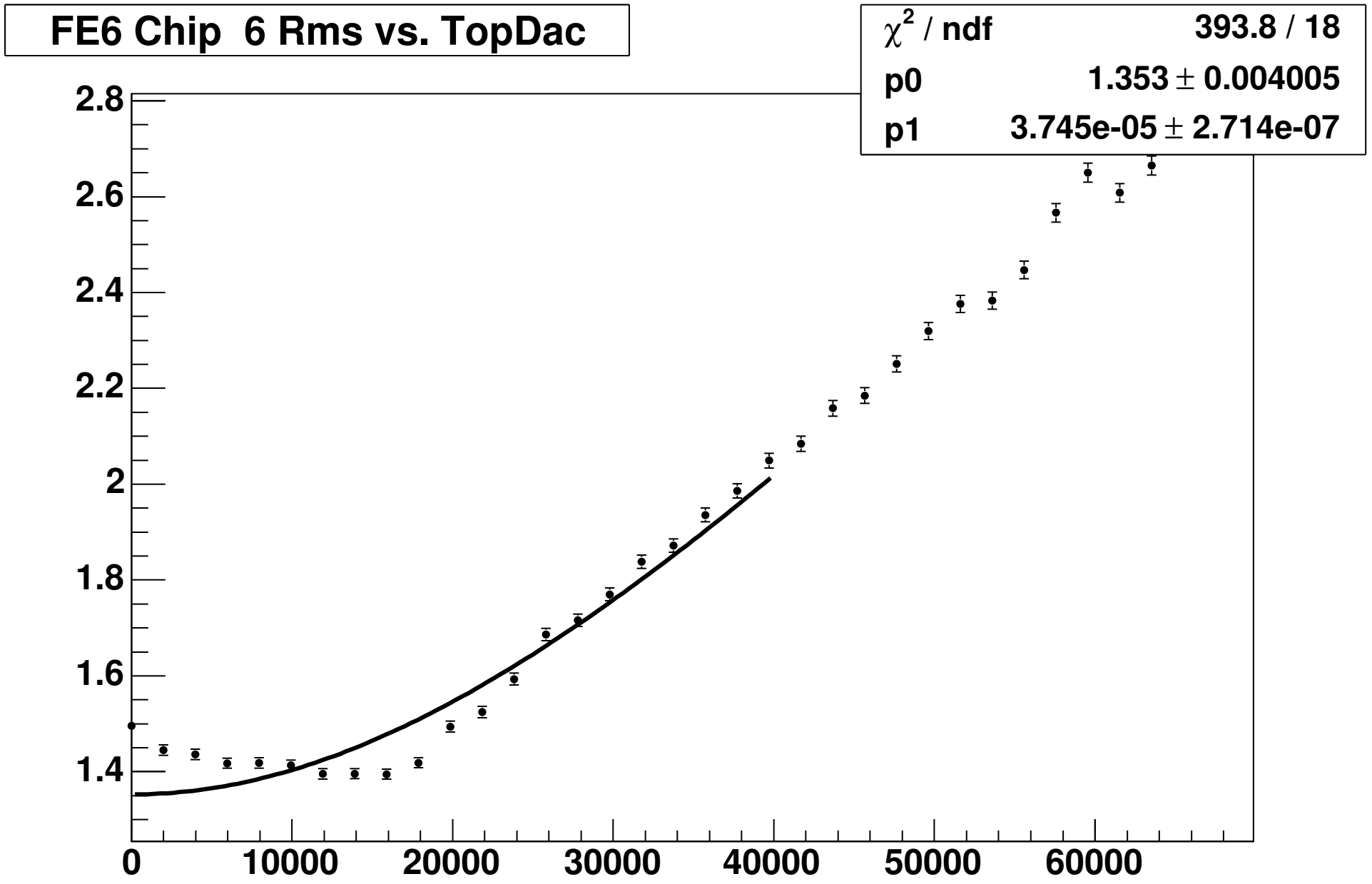
FE6 Chip 6 Rms vs. TopDac
χ^2 / ndf 393.8 / 18
p0 1.353 ± 0.004005
p1 3.745e-05 ± 2.714e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
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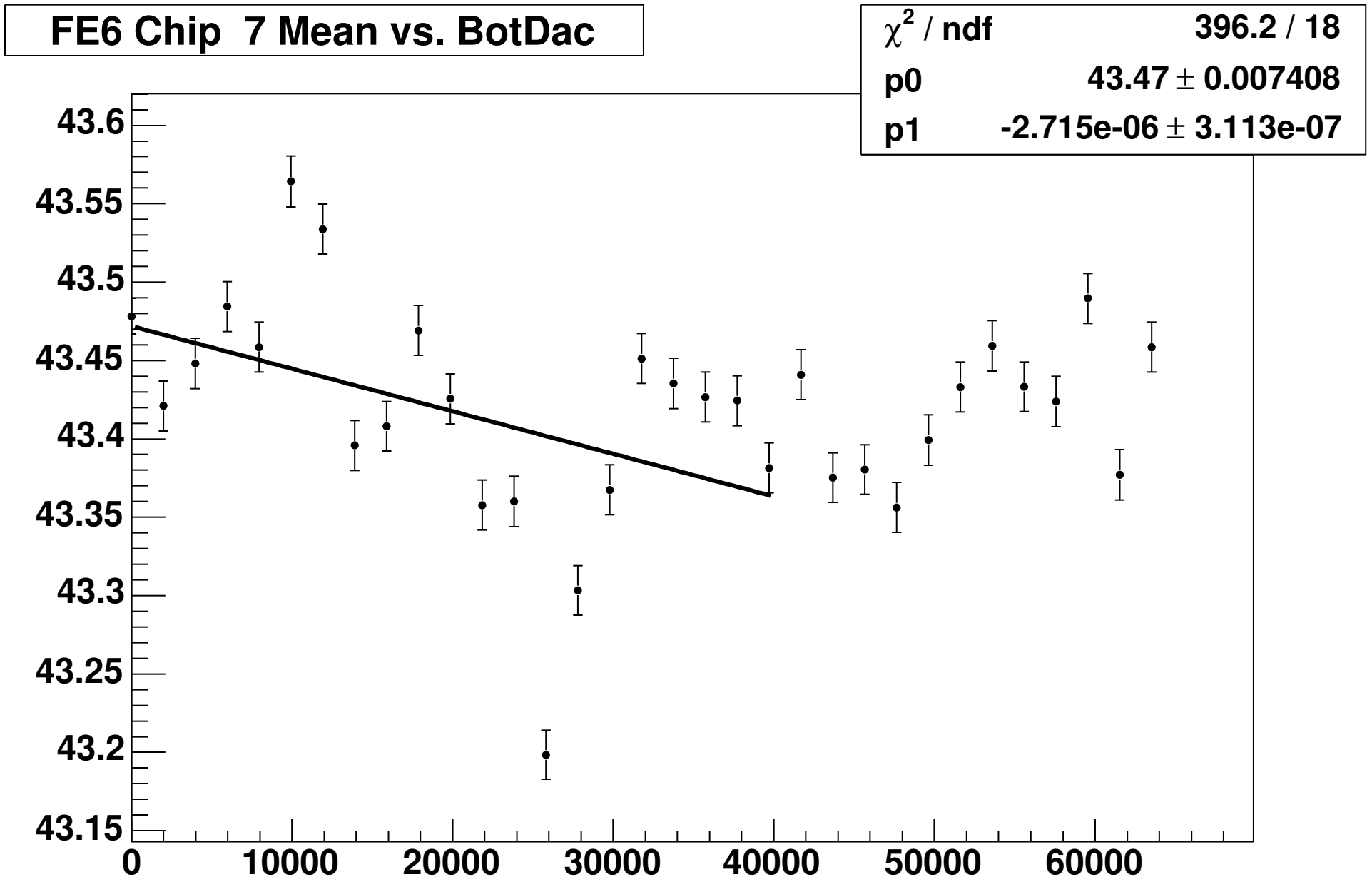
FE6 Chip 7 Mean vs. BotDac
χ² / ndf 396.2 / 18
p0 43.47 ± 0.007408
p1 -2.715e-06 ± 3.113e-07
43.6
43.55
43.5
43.45
43.4
43.35
43.3
43.25
43.2
43.15
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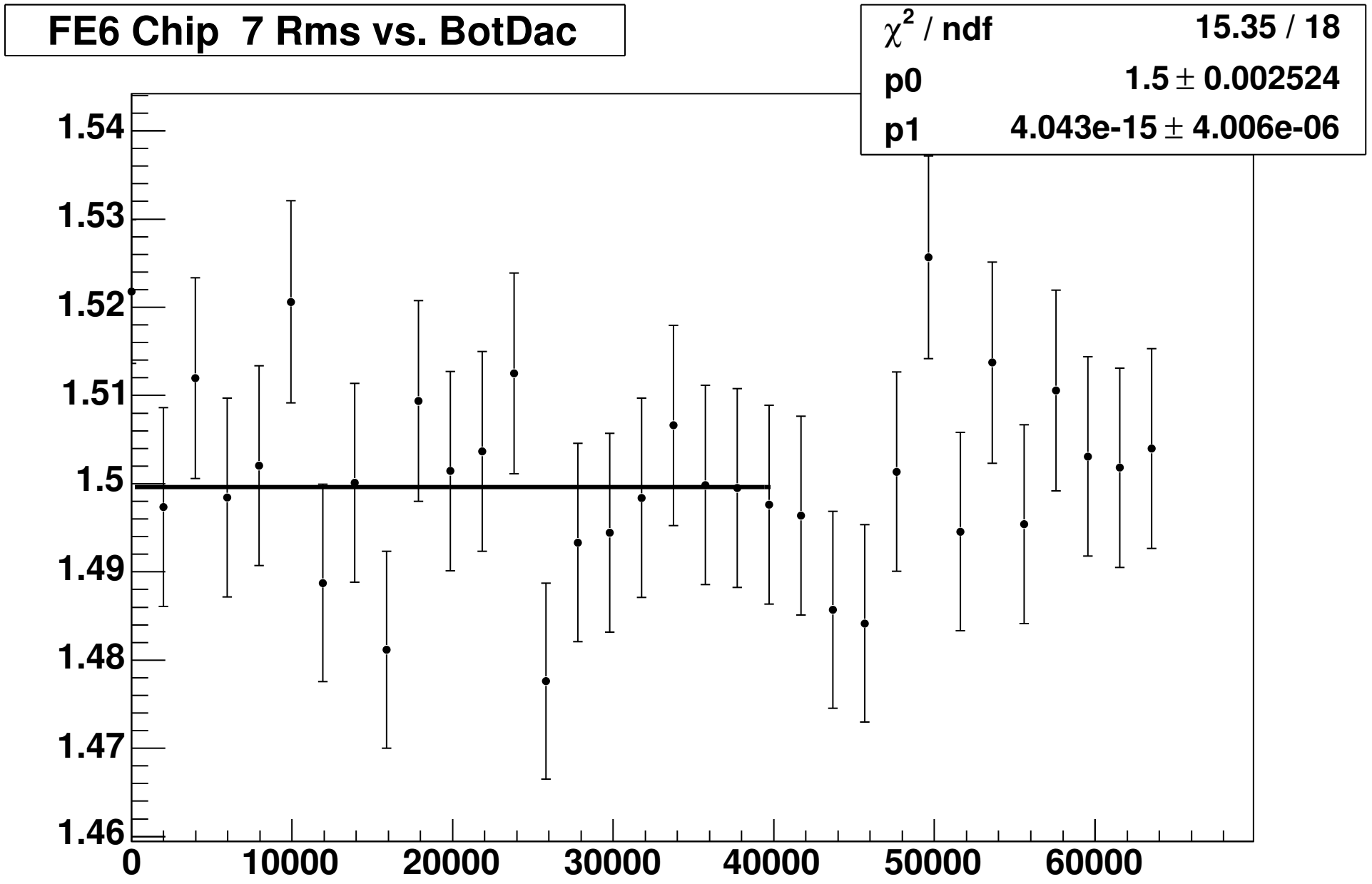
FE6 Chip 7 Rms vs. BotDac
χ² / ndf 15.35 / 18
p0 1.5 ± 0.002524
p1 4.043e-15 ± 4.006e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
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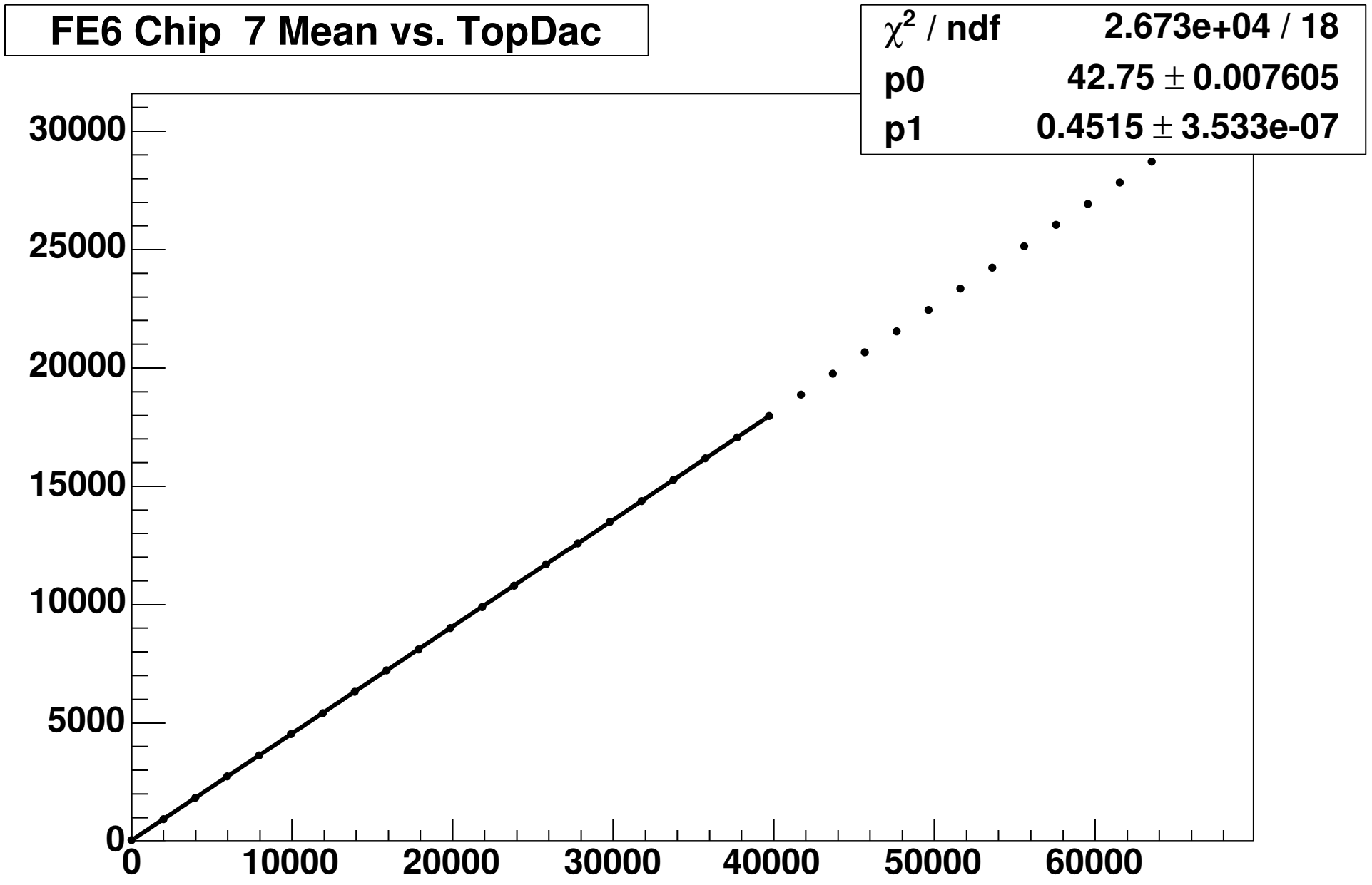
FE6 Chip 7 Mean vs. TopDac
χ² / ndf 2.673e+04 / 18
p0 42.75 ± 0.007605
p1 0.4515 ± 3.533e-07
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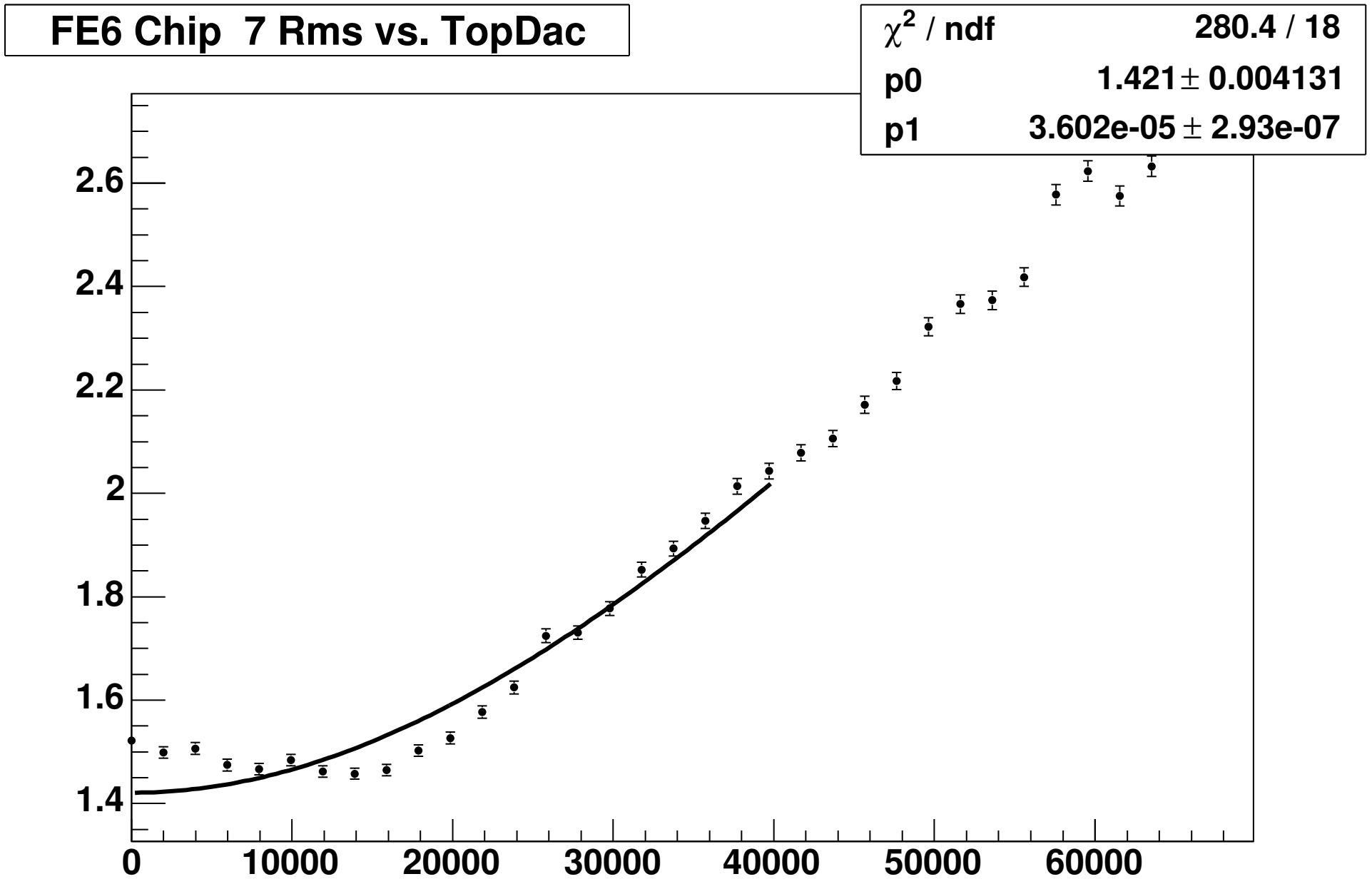
60000


FE6 Chip 7 Rms vs. TopDac
χ² / ndf 280.4 / 18
p0 1.421 ± 0.004131
p1 3.602e-05 ± 2.93e-07
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2.4
2.2
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1.8
1.6
1.4
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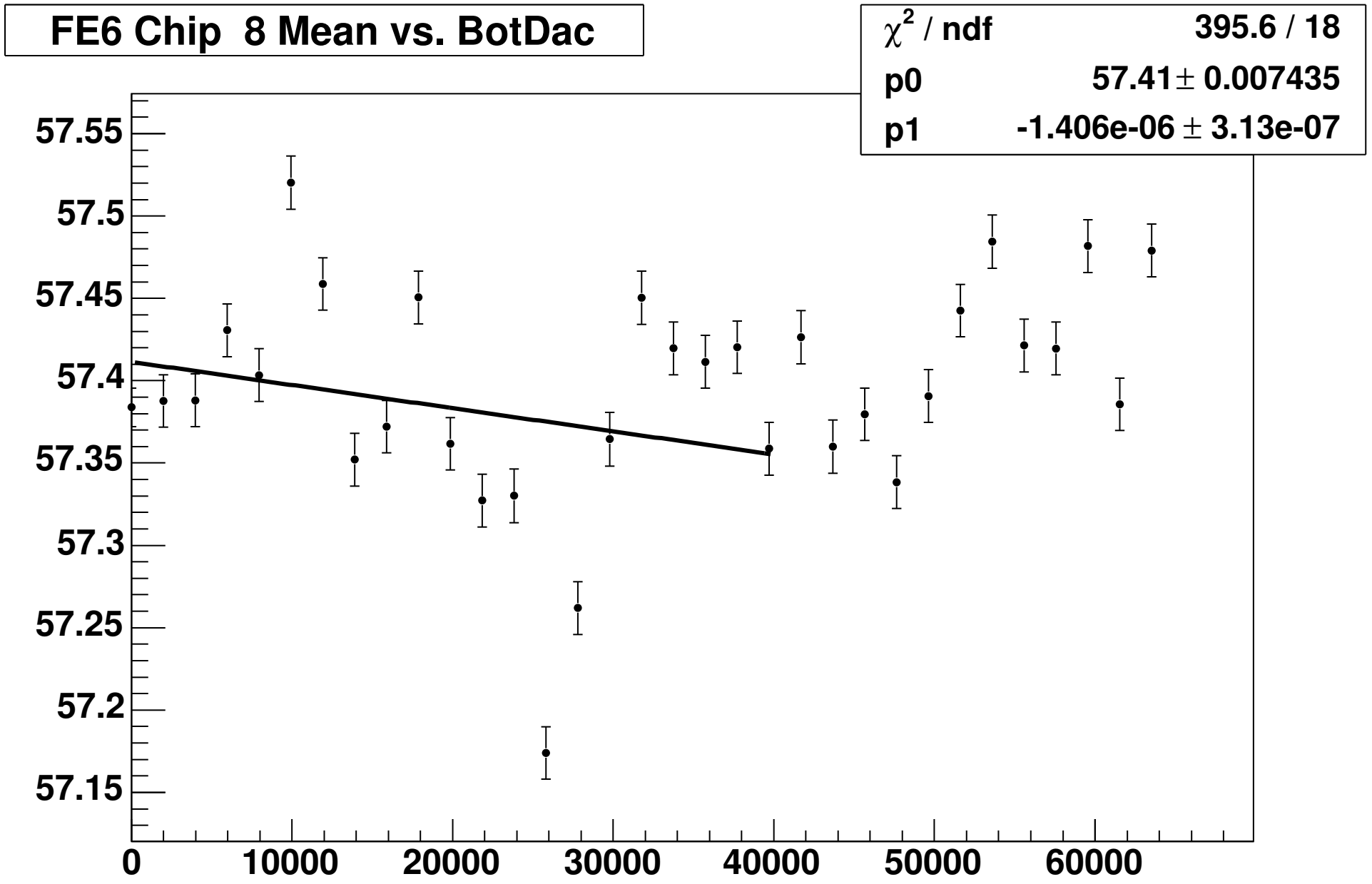
FE6 Chip 8 Mean vs. BotDac
χ² / ndf 395.6 / 18
p0 57.41 ± 0.007435
p1 -1.406e-06 ± 3.13e-07
57.55
57.5
57.45
57.4
57.35
57.3
57.25
57.2
57.15
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10000
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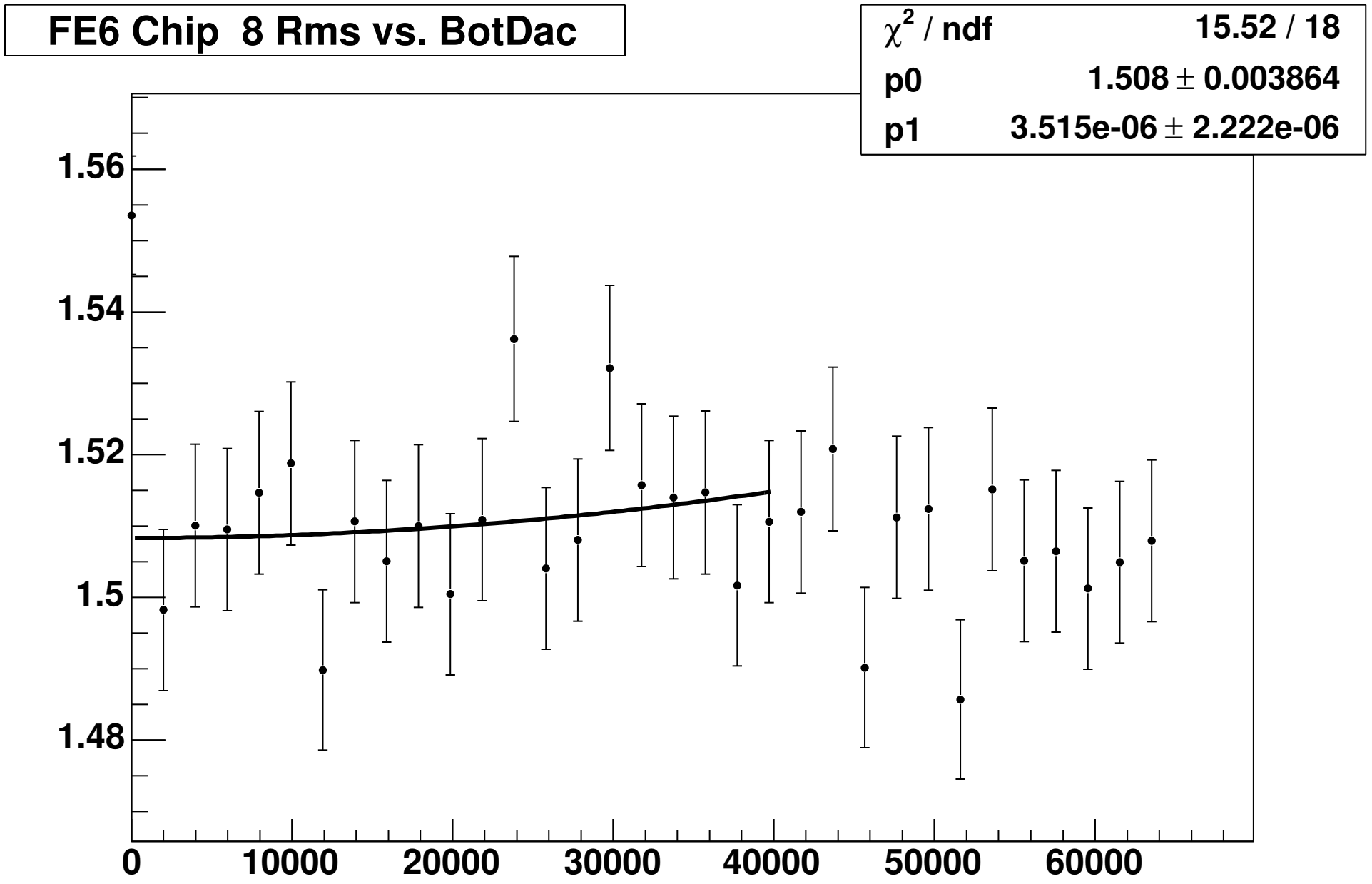
FE6 Chip 8 Rms vs. BotDac
χ² / ndf 15.52 / 18
p0 1.508 ± 0.003864
p1 3.515e-06 ± 2.222e-06
1.56
1.54
1.52
1.5
1.48
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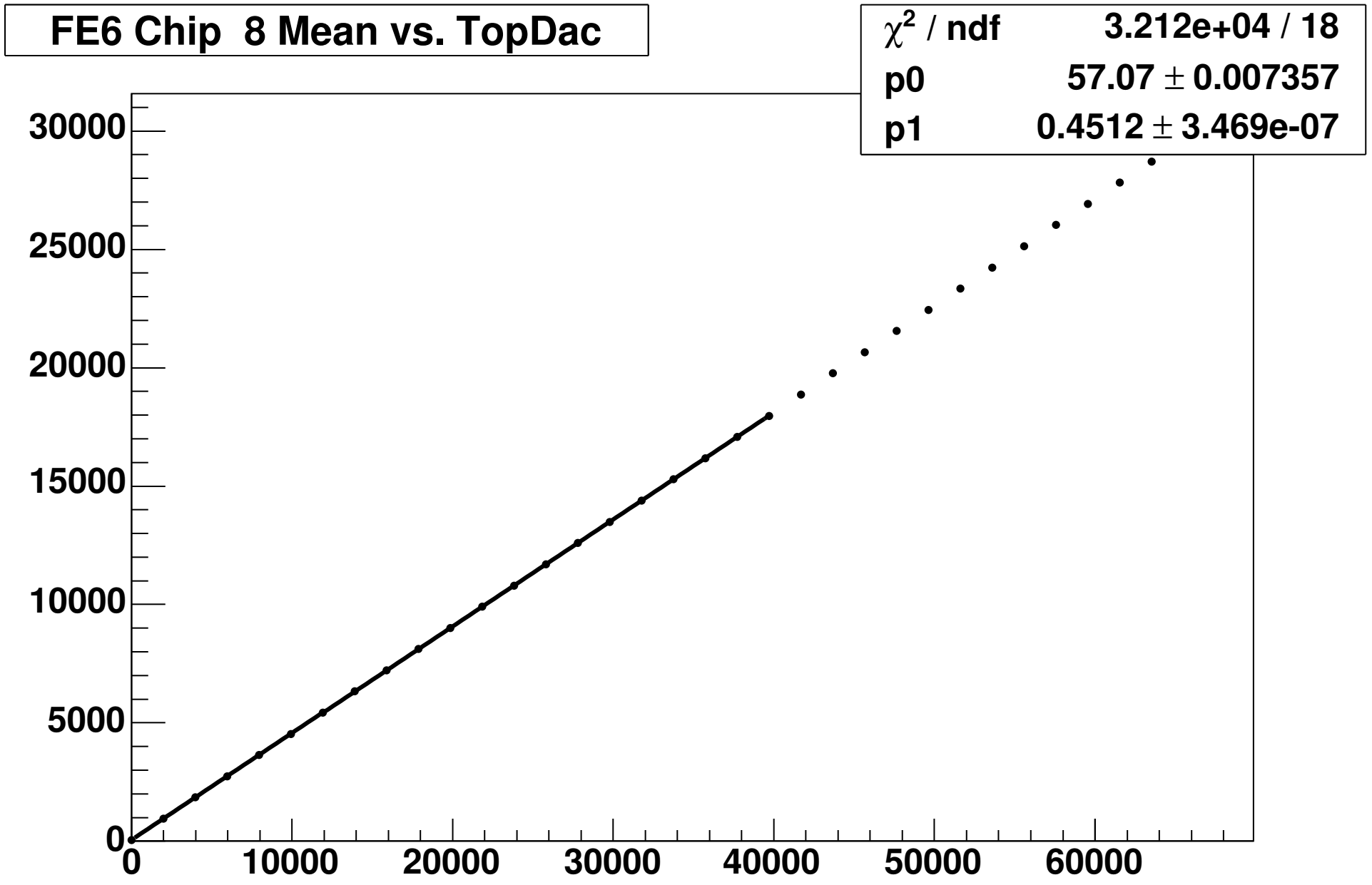
FE6 Chip 8 Mean vs. TopDac
χ² / ndf 3.212e+04 / 18
p0 57.07 ± 0.007357
p1 0.4512 ± 3.469e-07
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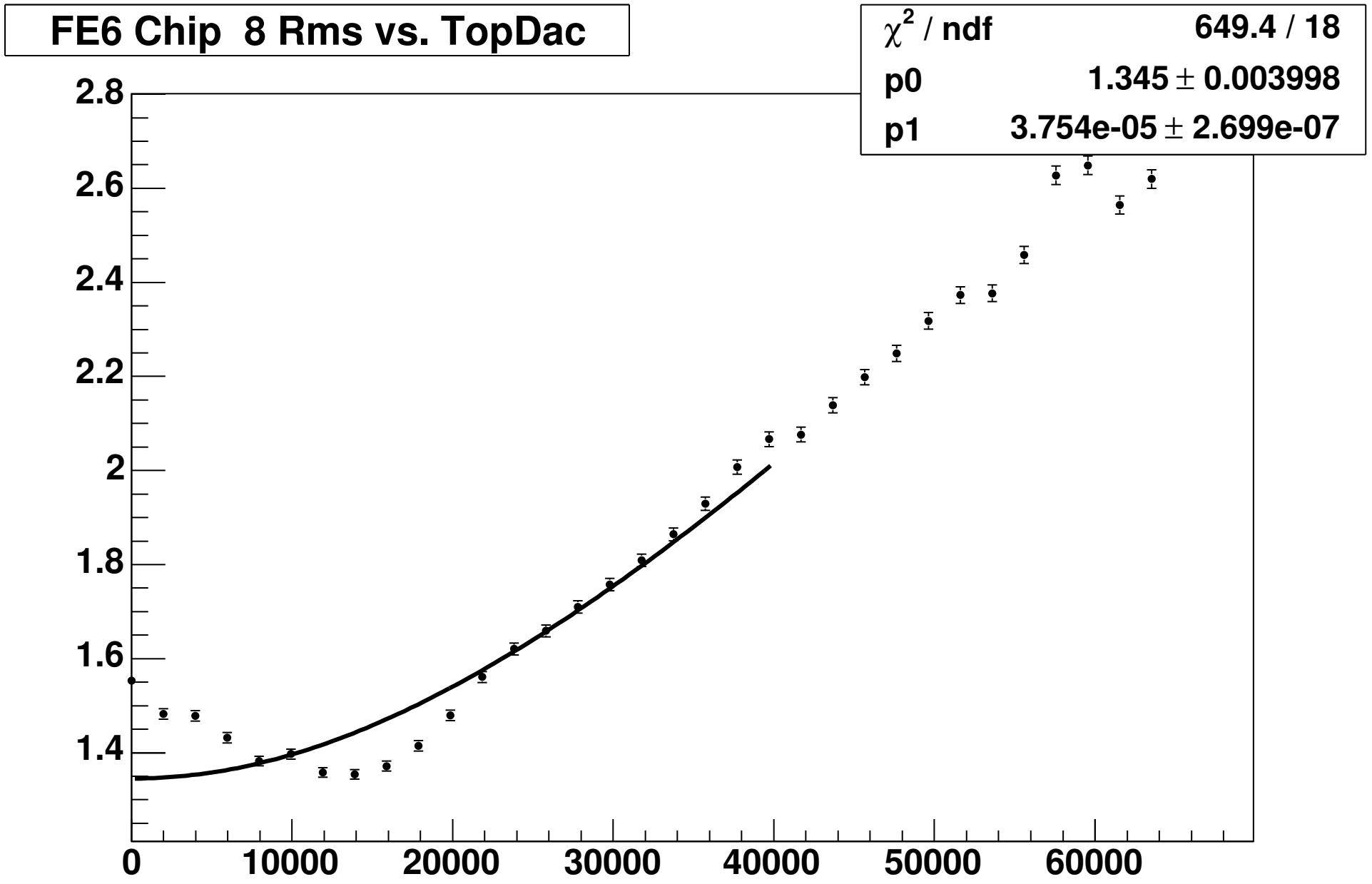
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 8 Rms vs. TopDac
χ² / ndf 649.4 / 18
p0 1.345 ± 0.003998
p1 3.754e-05 ± 2.699e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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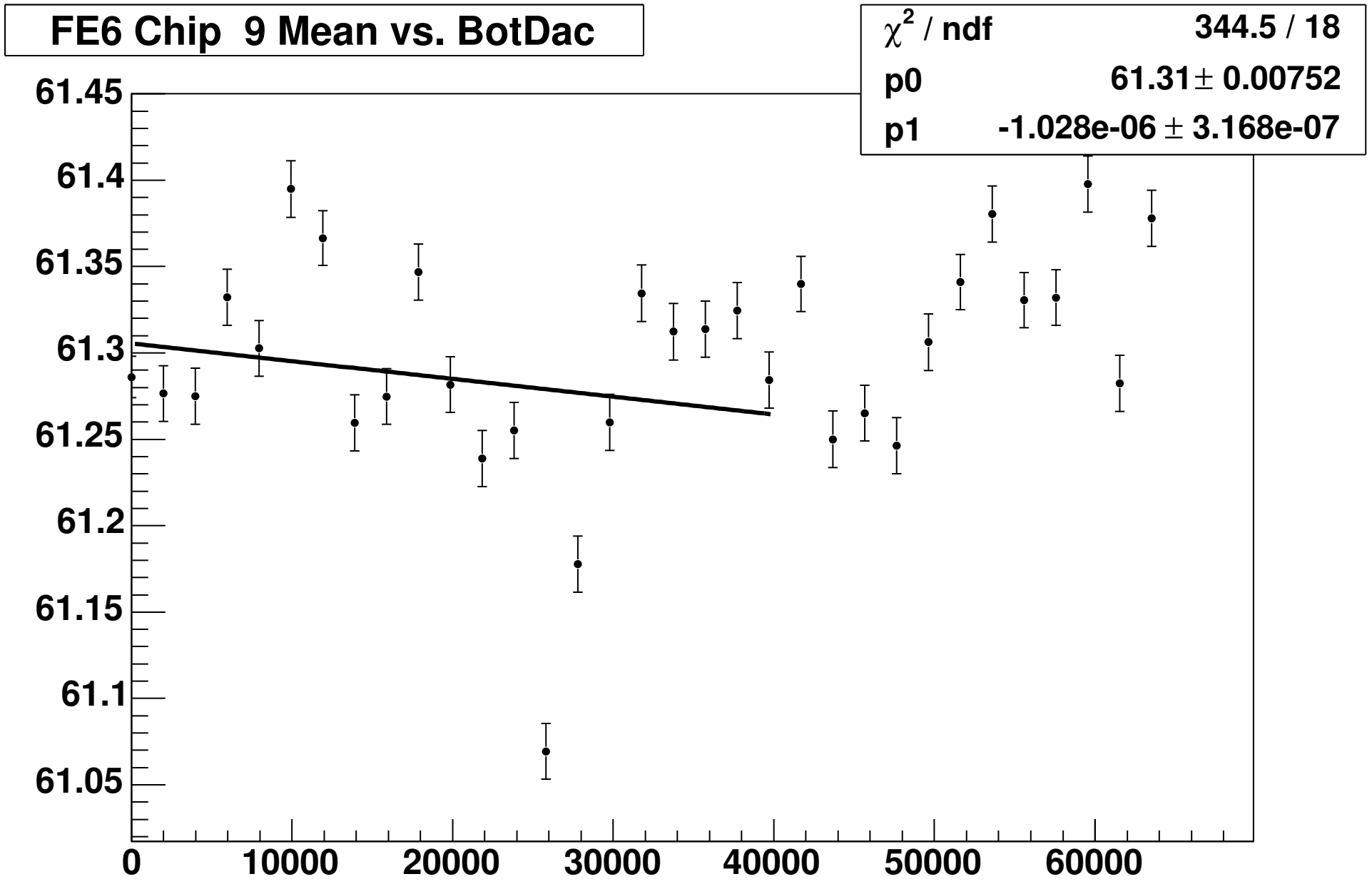
FE6 Chip 9 Mean vs. BotDac
χ² / ndf 344.5 / 18
p0 61.31 ± 0.00752
p1 -1.028e-06 ± 3.168e-07
61.45
61.4
61.35
61.3
61.25
61.2
61.15
61.1
61.05
0
10000
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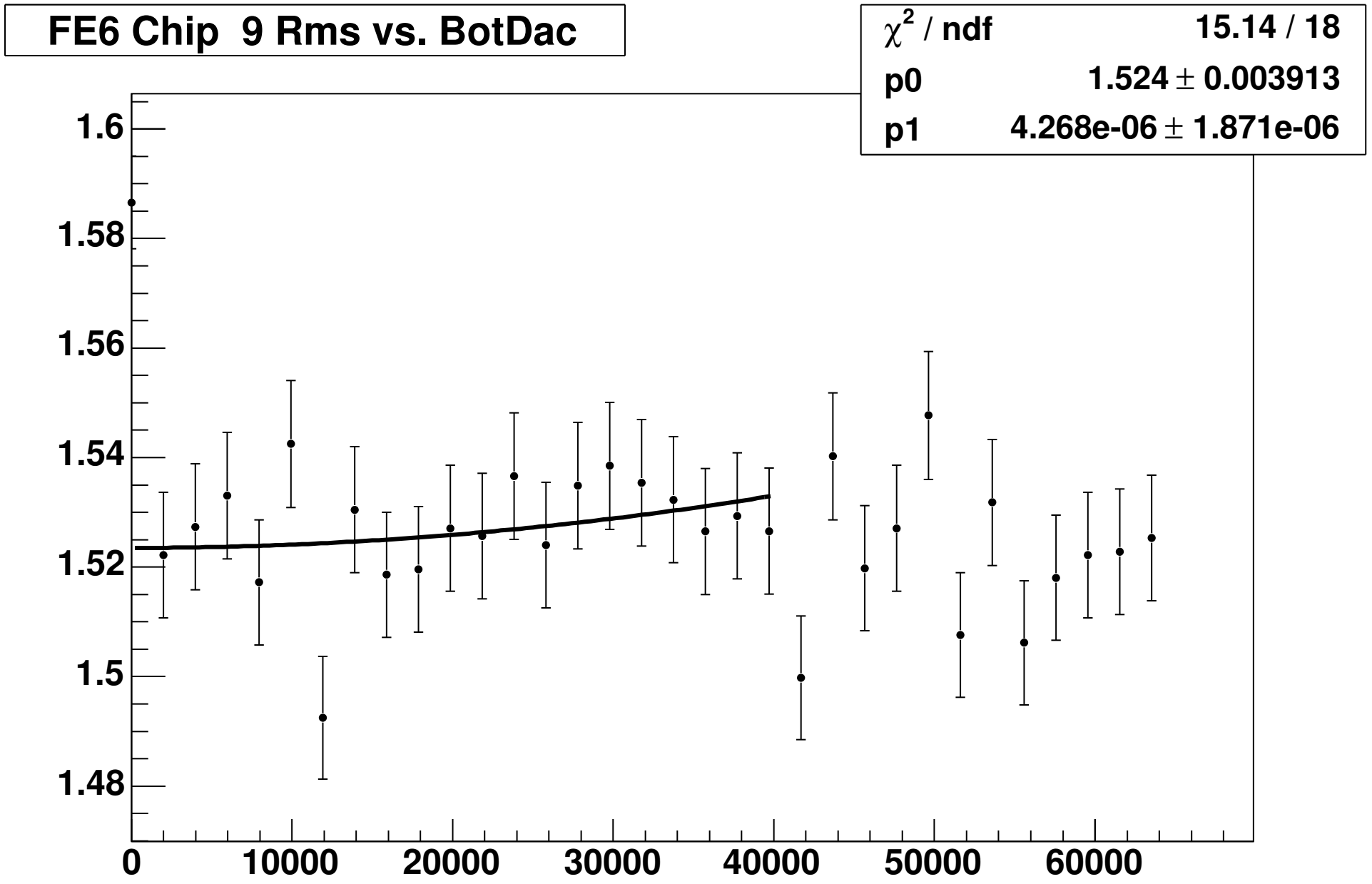
FE6 Chip 9 Rms vs. BotDac
χ² / ndf 15.14 / 18
p0 1.524 ± 0.003913
p1 4.268e-06 ± 1.871e-06
1.6
1.58
1.56
1.54
1.52
1.5
1.48
0
10000
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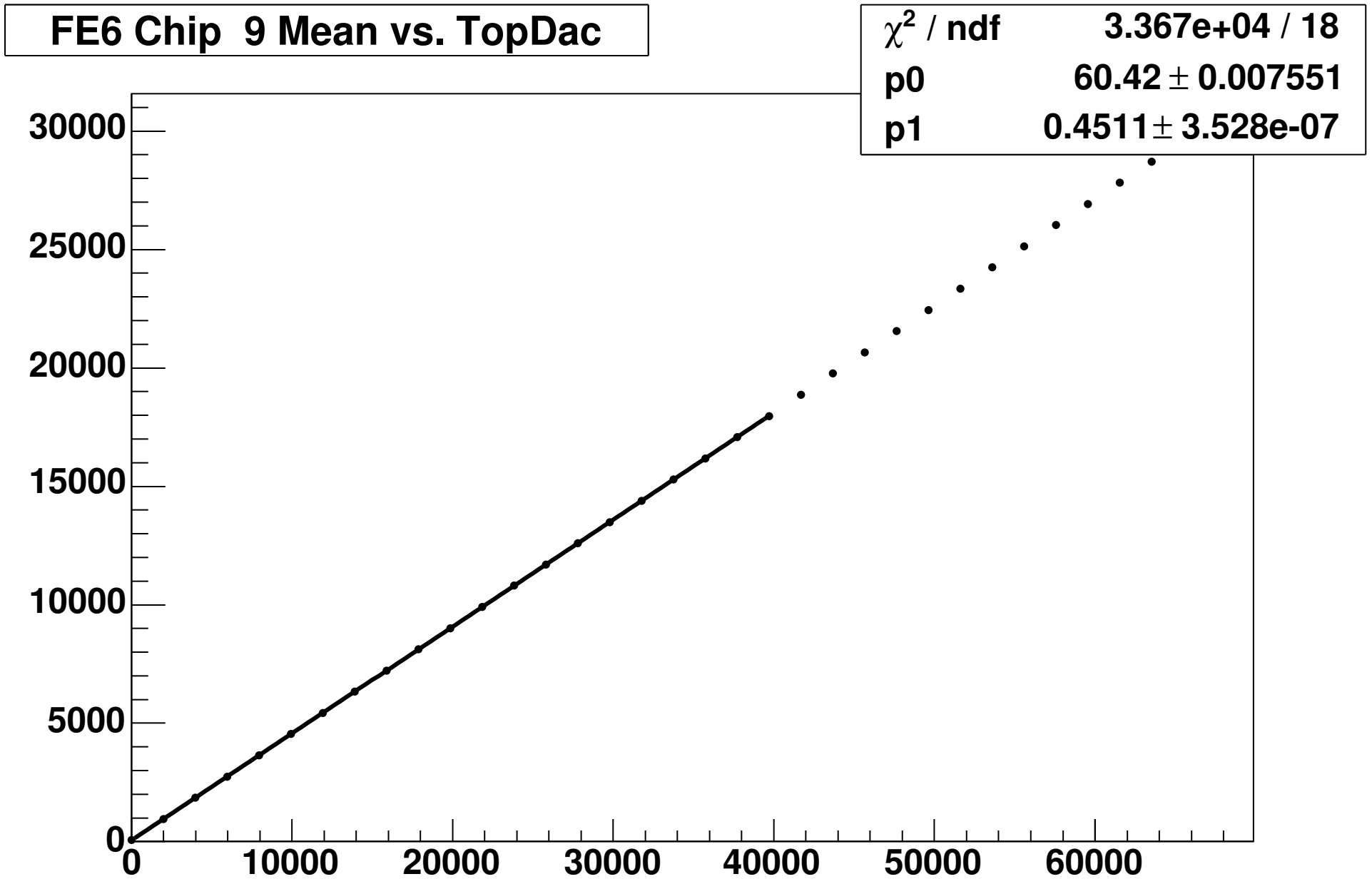
30000
40000
50000
60000


FE6 Chip 9 Mean vs. TopDac
χ² / ndf 3.367e+04 / 18
p0 60.42 ± 0.007551
p1 0.4511 ± 3.528e-07
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25000
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15000
10000
5000
0
0
10000
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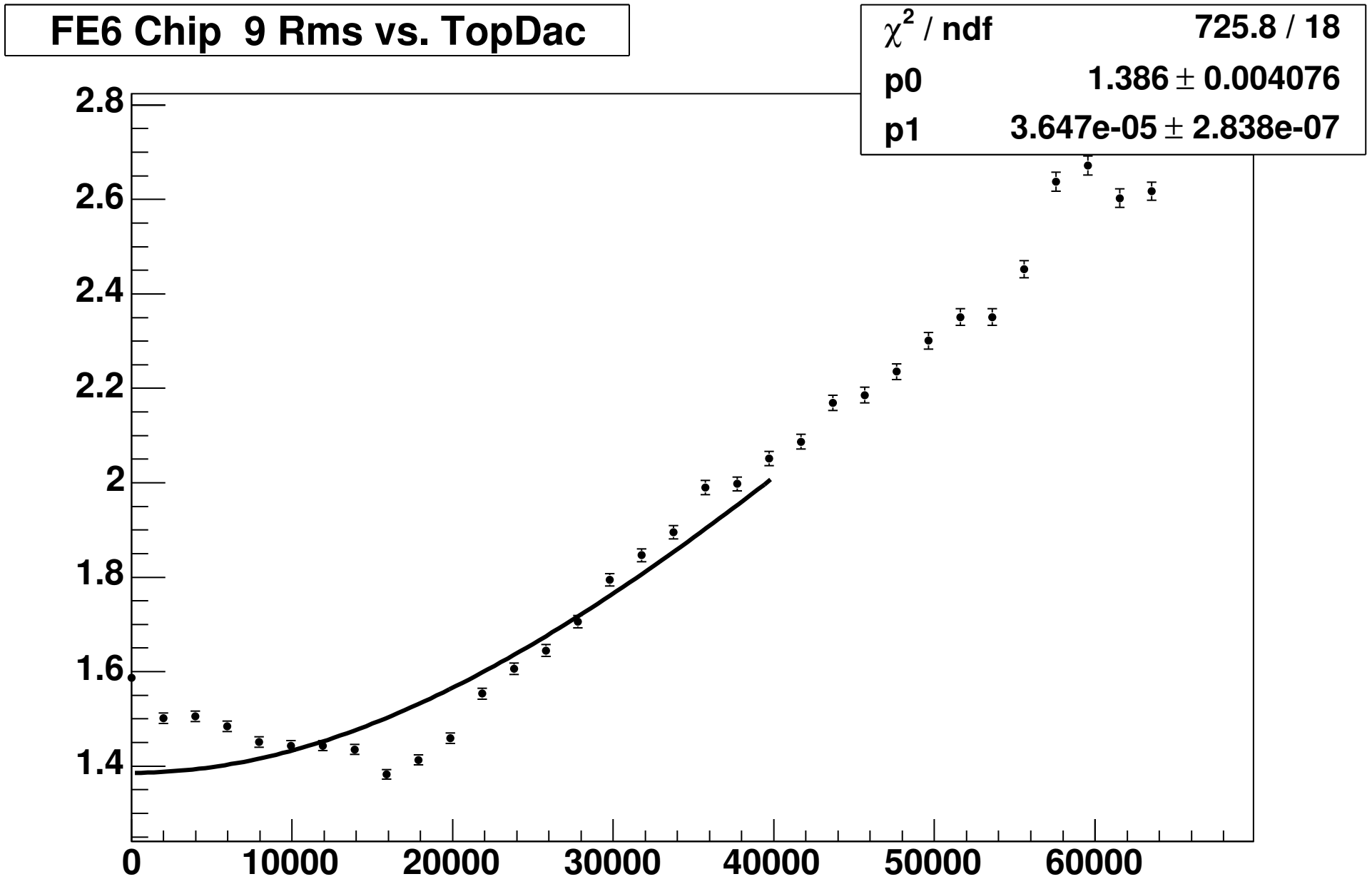
40000
50000
60000


FE6 Chip 9 Rms vs. TopDac
χ² / ndf 725.8 / 18
p0 1.386 ± 0.004076
p1 3.647e-05 ± 2.838e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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40000
50000
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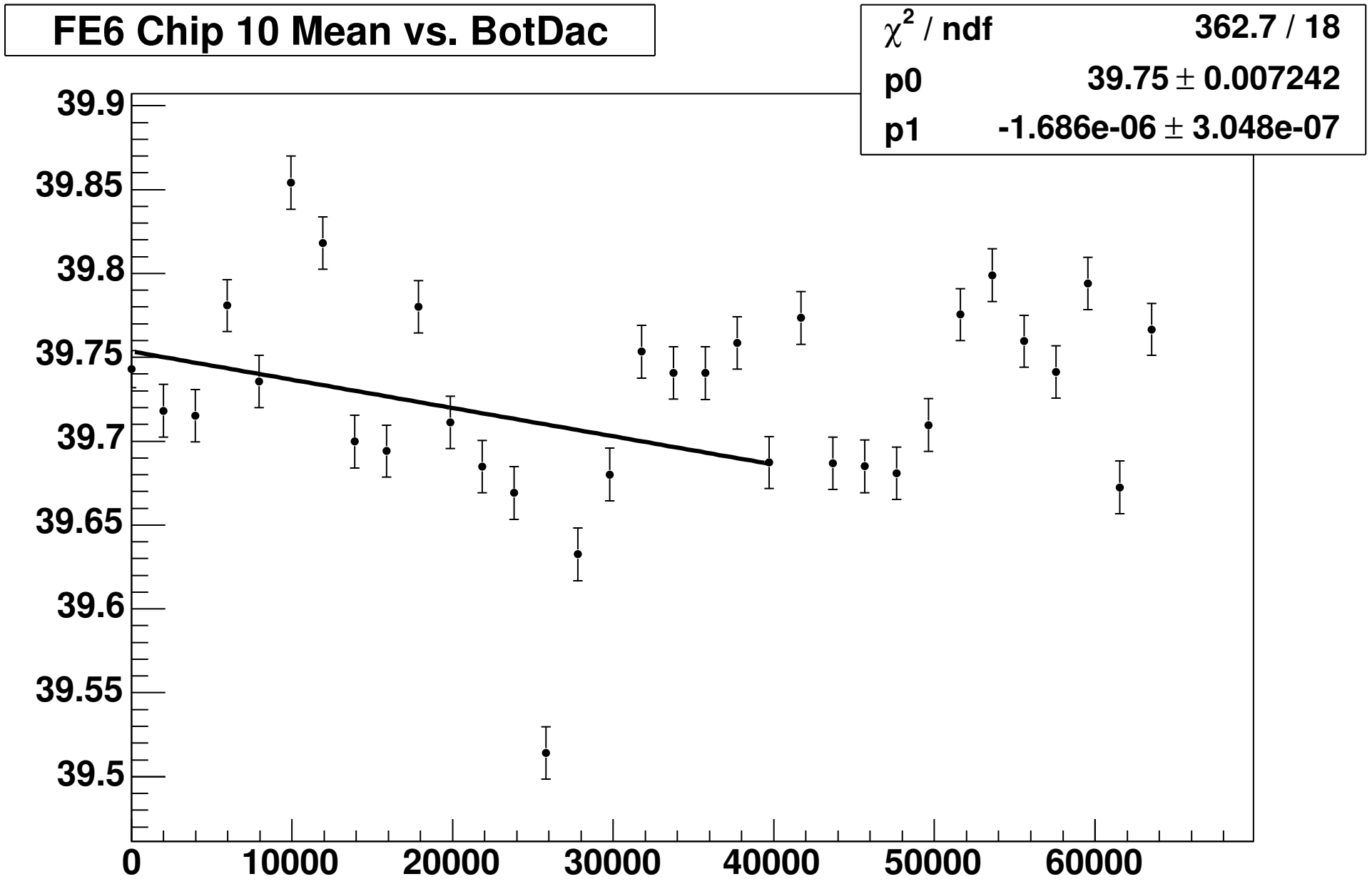
FE6 Chip 10 Mean vs. BotDac
χ² / ndf 362.7 / 18
p0 39.75 ± 0.007242
p1 -1.686e-06 ± 3.048e-07
39.9
39.85
39.8
39.75
39.7
39.65
39.6
39.55
39.5
0
10000
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30000
40000
50000
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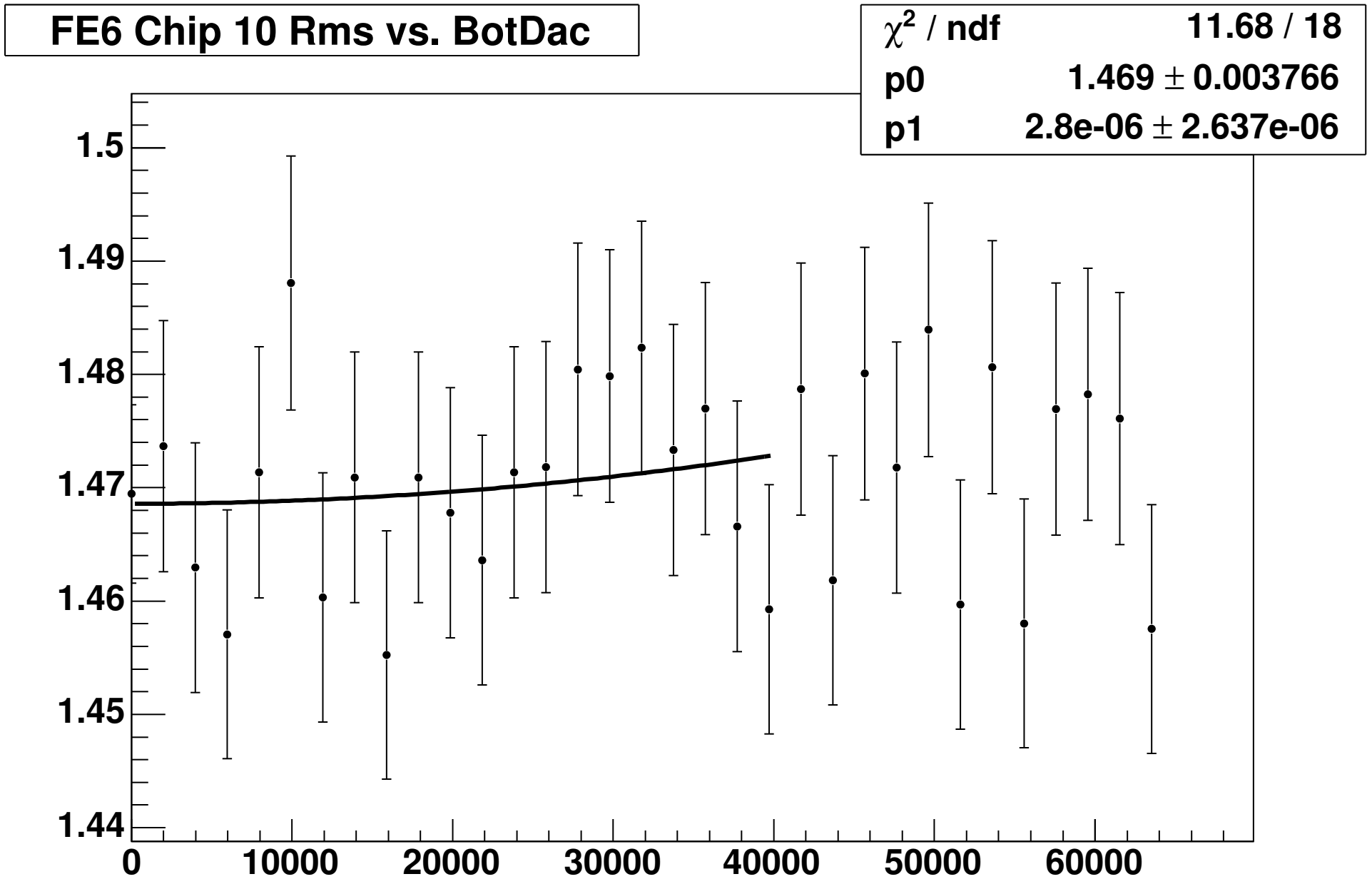
FE6 Chip 10 Rms vs. BotDac
χ² / ndf 11.68 / 18
p0 1.469 ± 0.003766
p1 2.8e-06 ± 2.637e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
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50000
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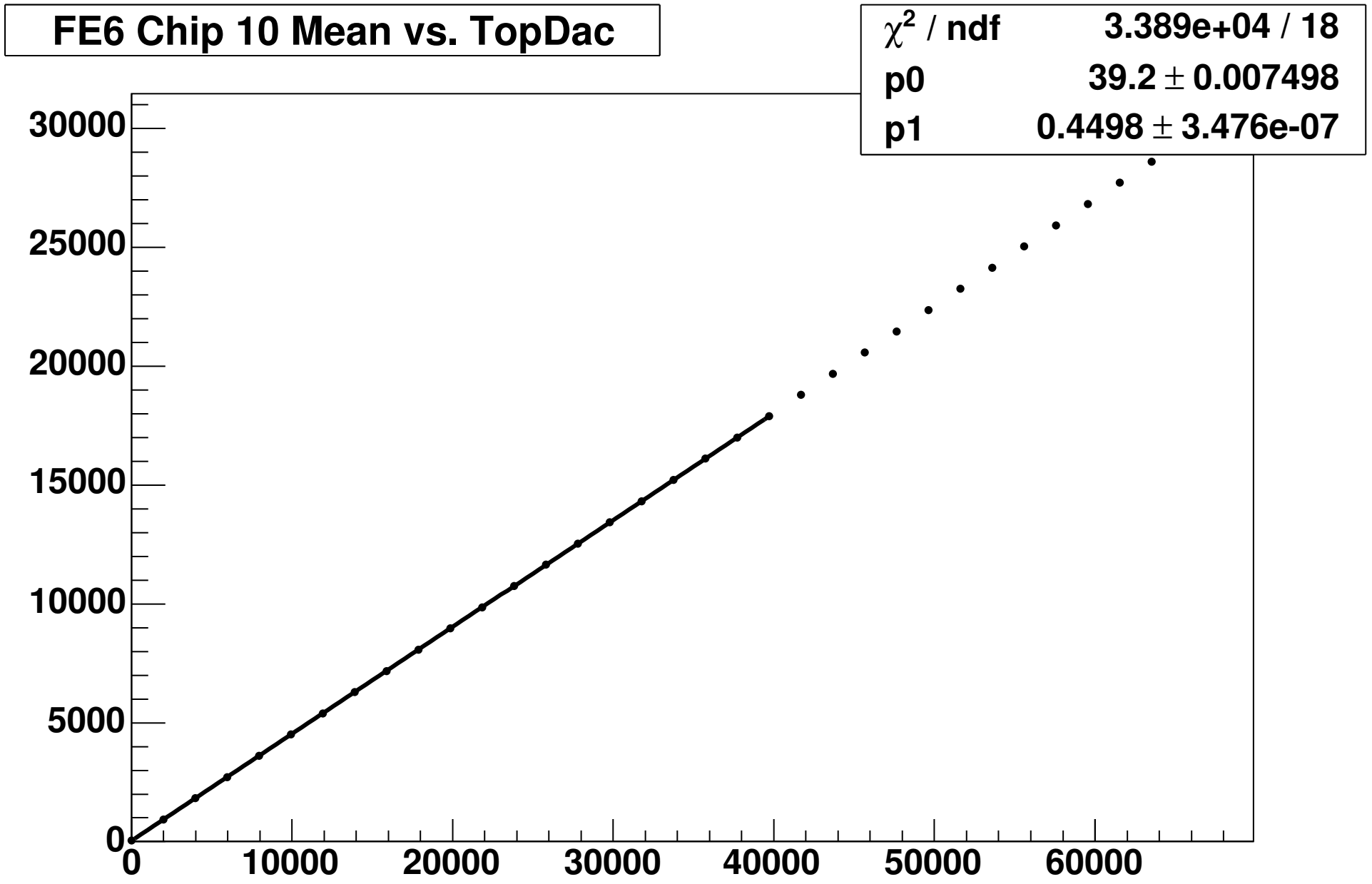
FE6 Chip 10 Mean vs. TopDac
χ² / ndf 3.389e+04 / 18
p0 39.2 ± 0.007498
p1 0.4498 ± 3.476e-07
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25000
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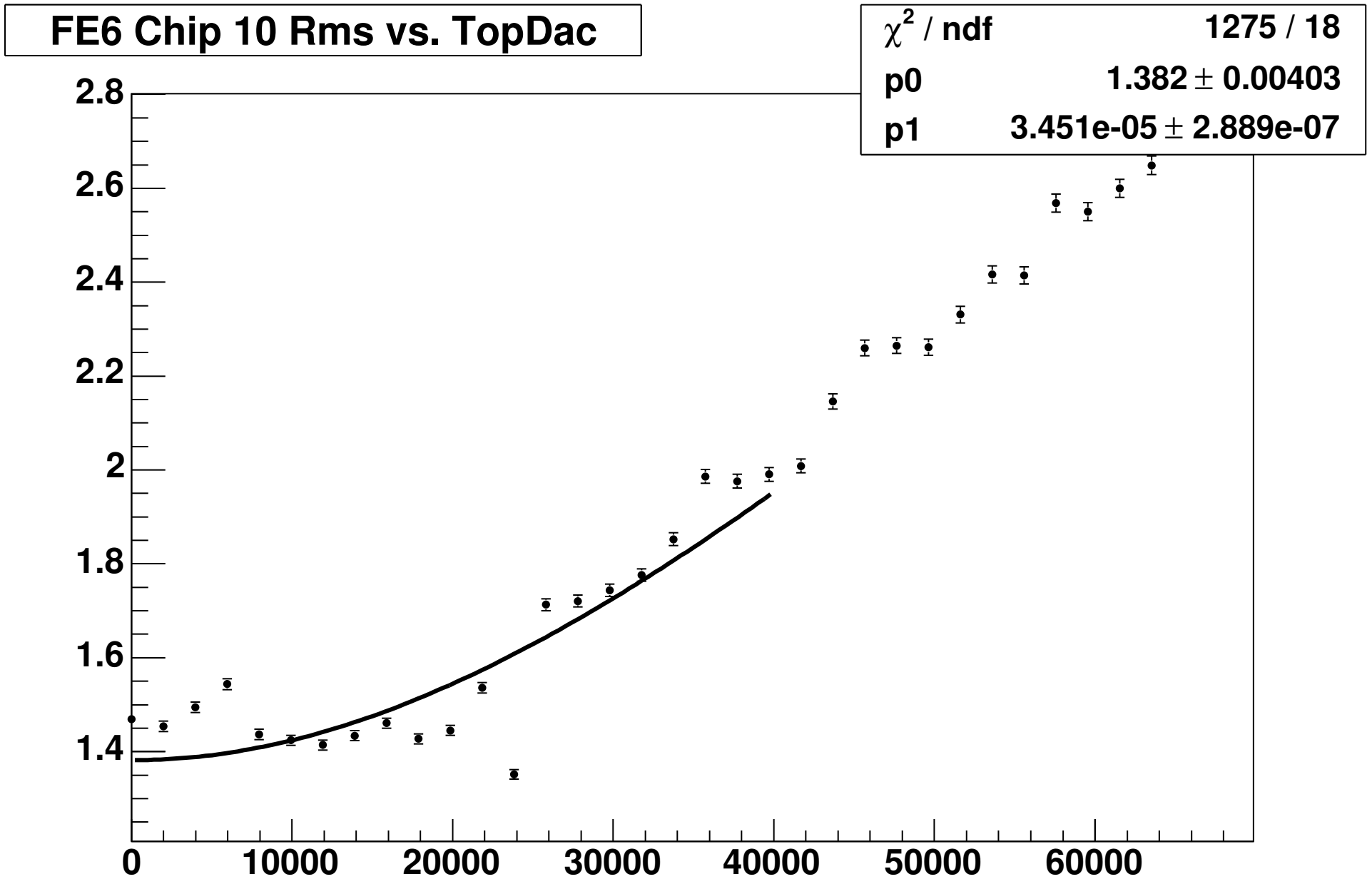
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 10 Rms vs. TopDac
χ² / ndf 1275 / 18
p0 1.382 ± 0.00403
p1 3.451e-05 ± 2.889e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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30000
40000
50000
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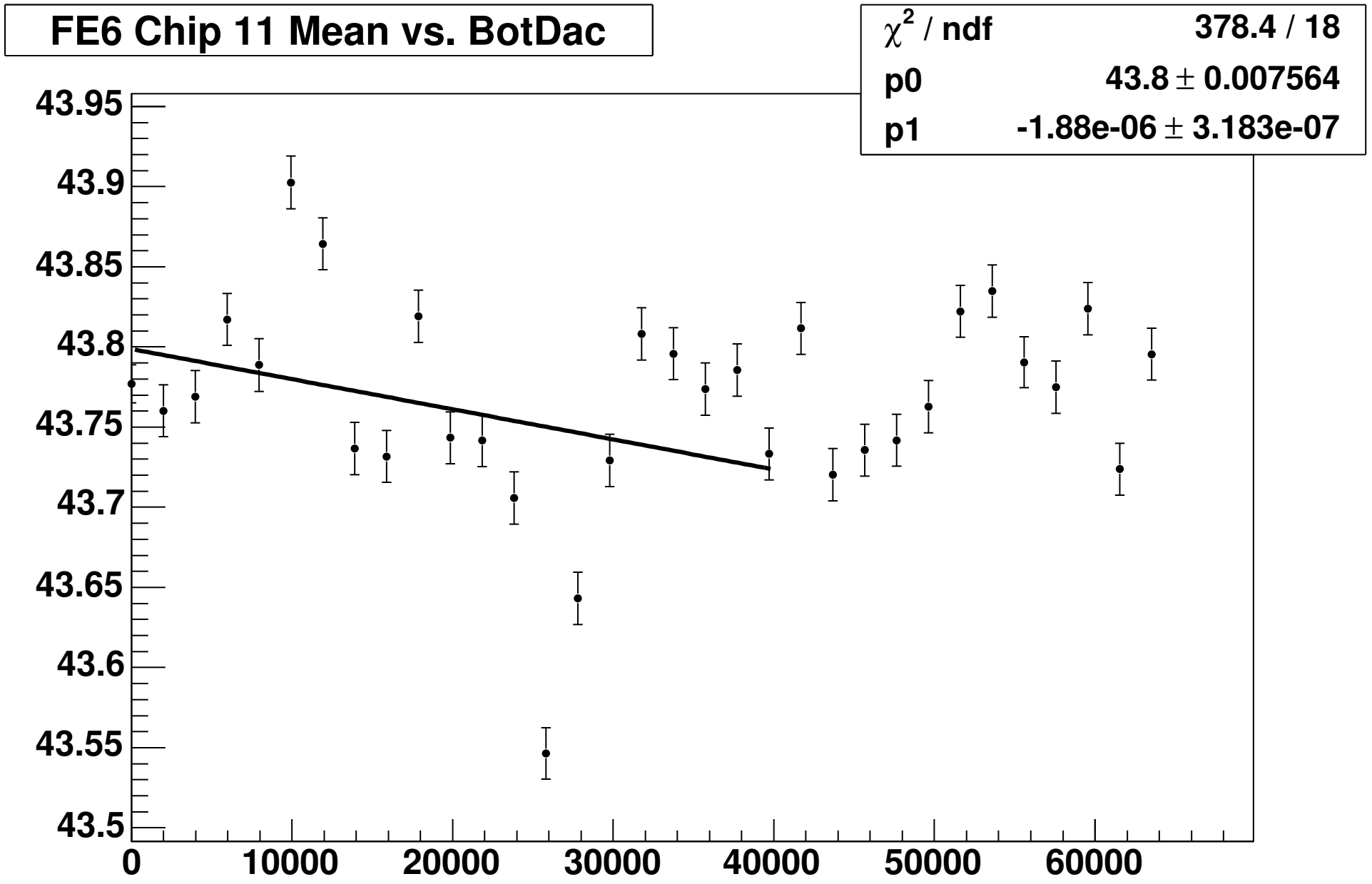
FE6 Chip 11 Mean vs. BotDac
χ² / ndf 378.4 / 18
p0 43.8 ± 0.007564
p1 -1.88e-06 ± 3.183e-07
43.95
43.9
43.85
43.8
43.75
43.7
43.65
43.6
43.55
43.5
0
10000
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30000
40000
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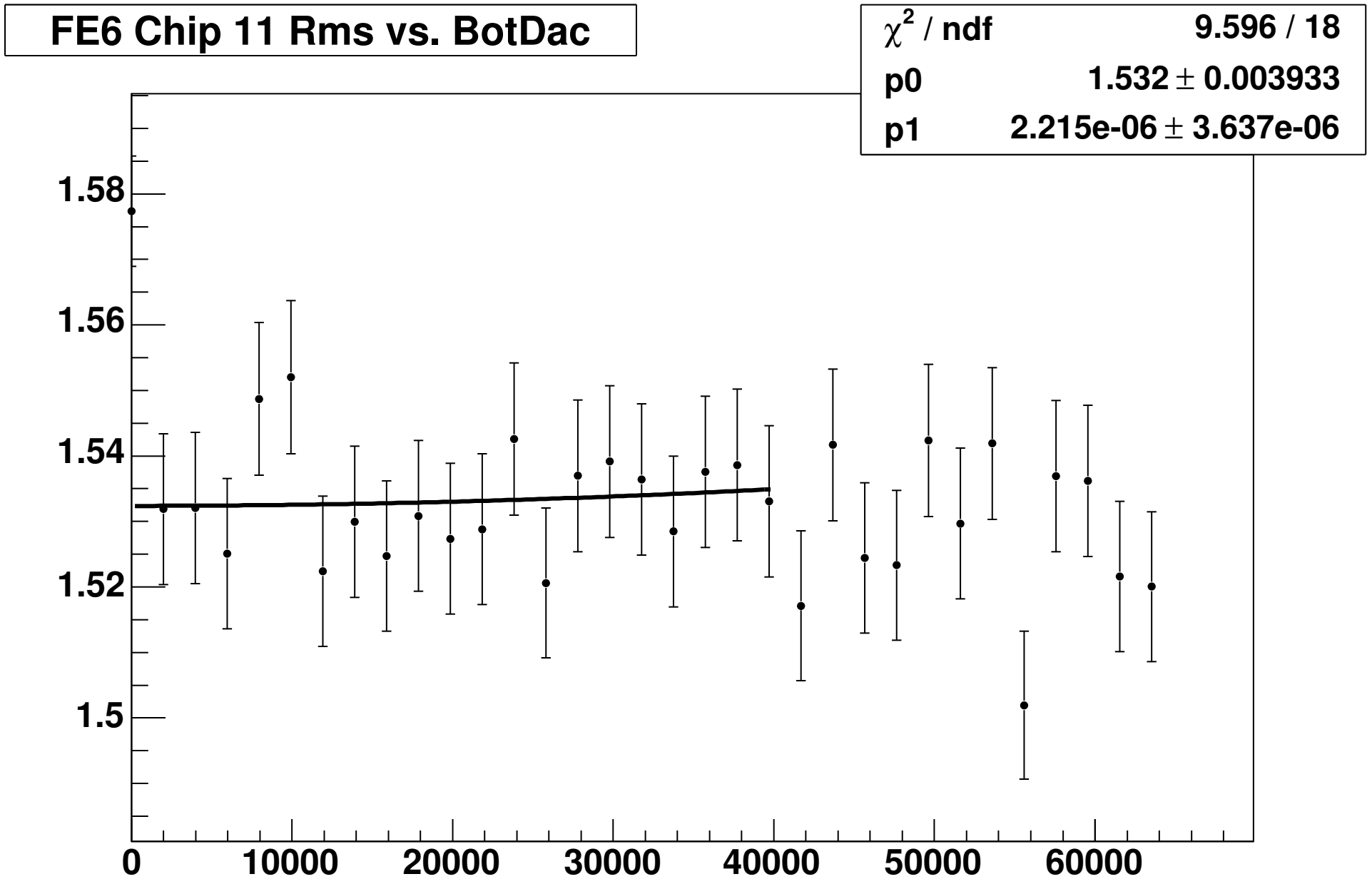
FE6 Chip 11 Rms vs. BotDac
χ^2 / ndf 9.596 / 18
p0 1.532 ± 0.003933
p1 2.215e-06 ± 3.637e-06
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1.56
1.54
1.52
1.5
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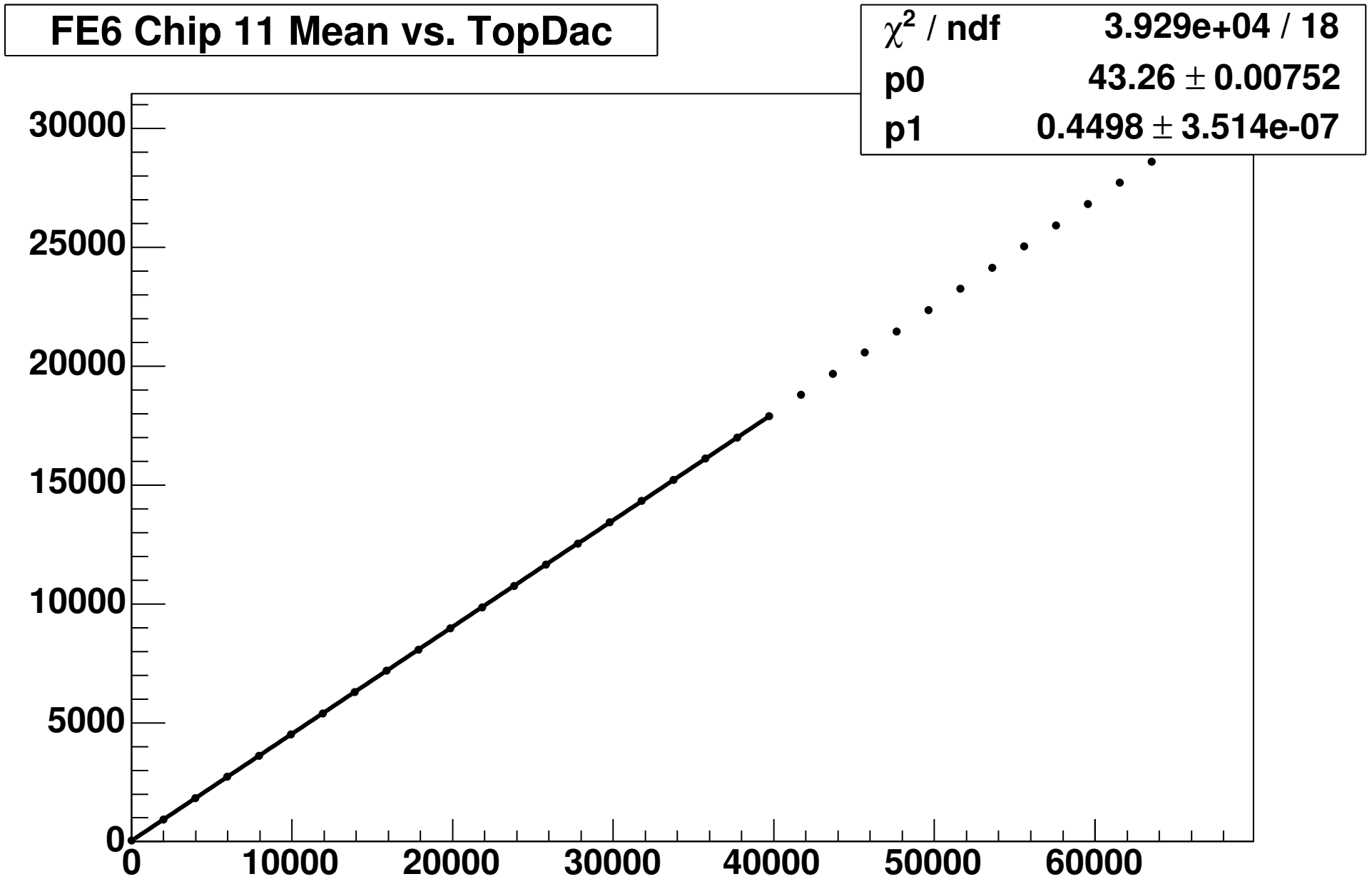
FE6 Chip 11 Mean vs. TopDac
χ² / ndf 3.929e+04 / 18
p0 43.26 ± 0.00752
p1 0.4498 ± 3.514e-07
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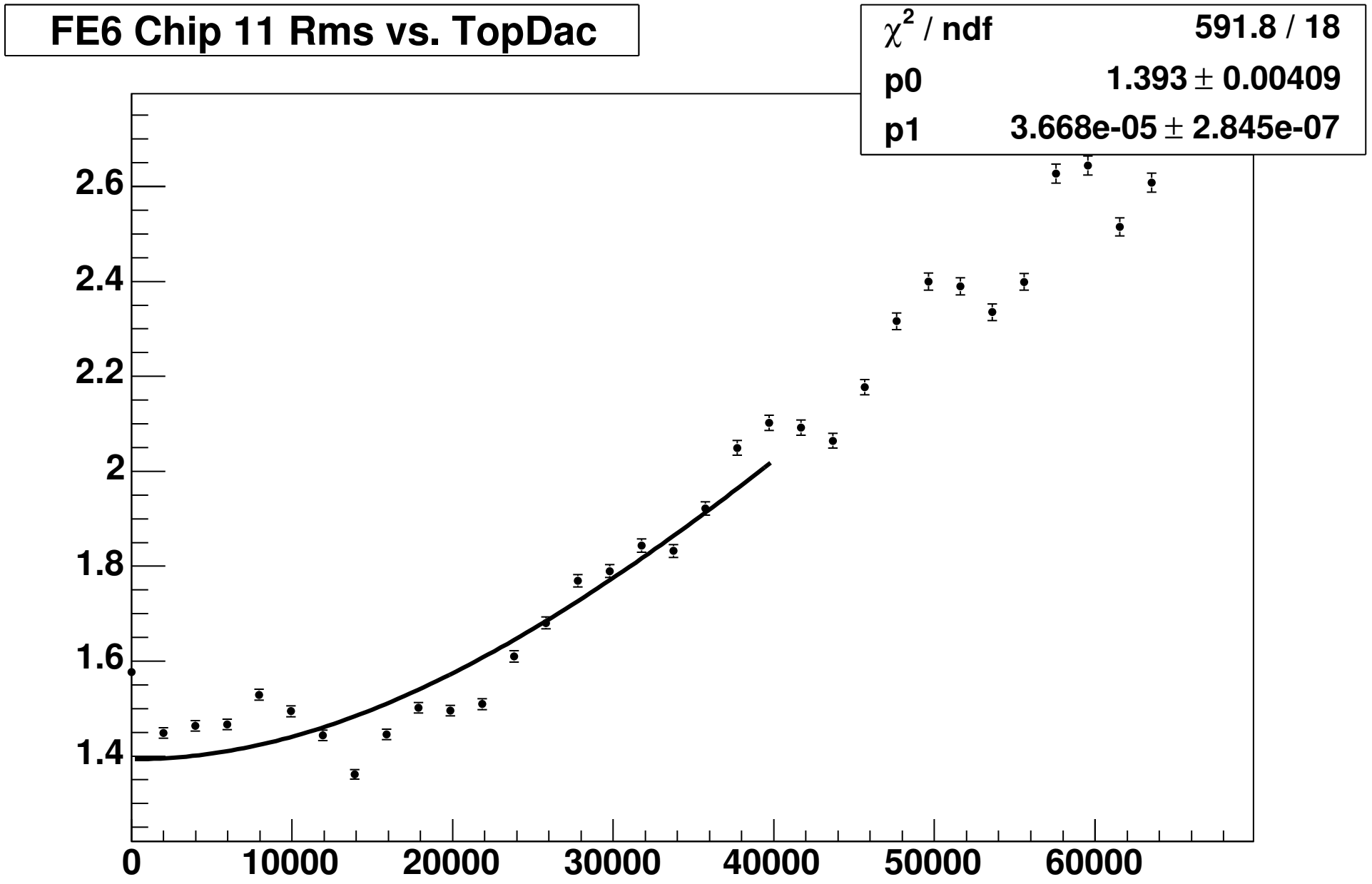
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE6 Chip 11 Rms vs. TopDac
χ² / ndf 591.8 / 18
p0 1.393 ± 0.00409
p1 3.668e-05 ± 2.845e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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50000
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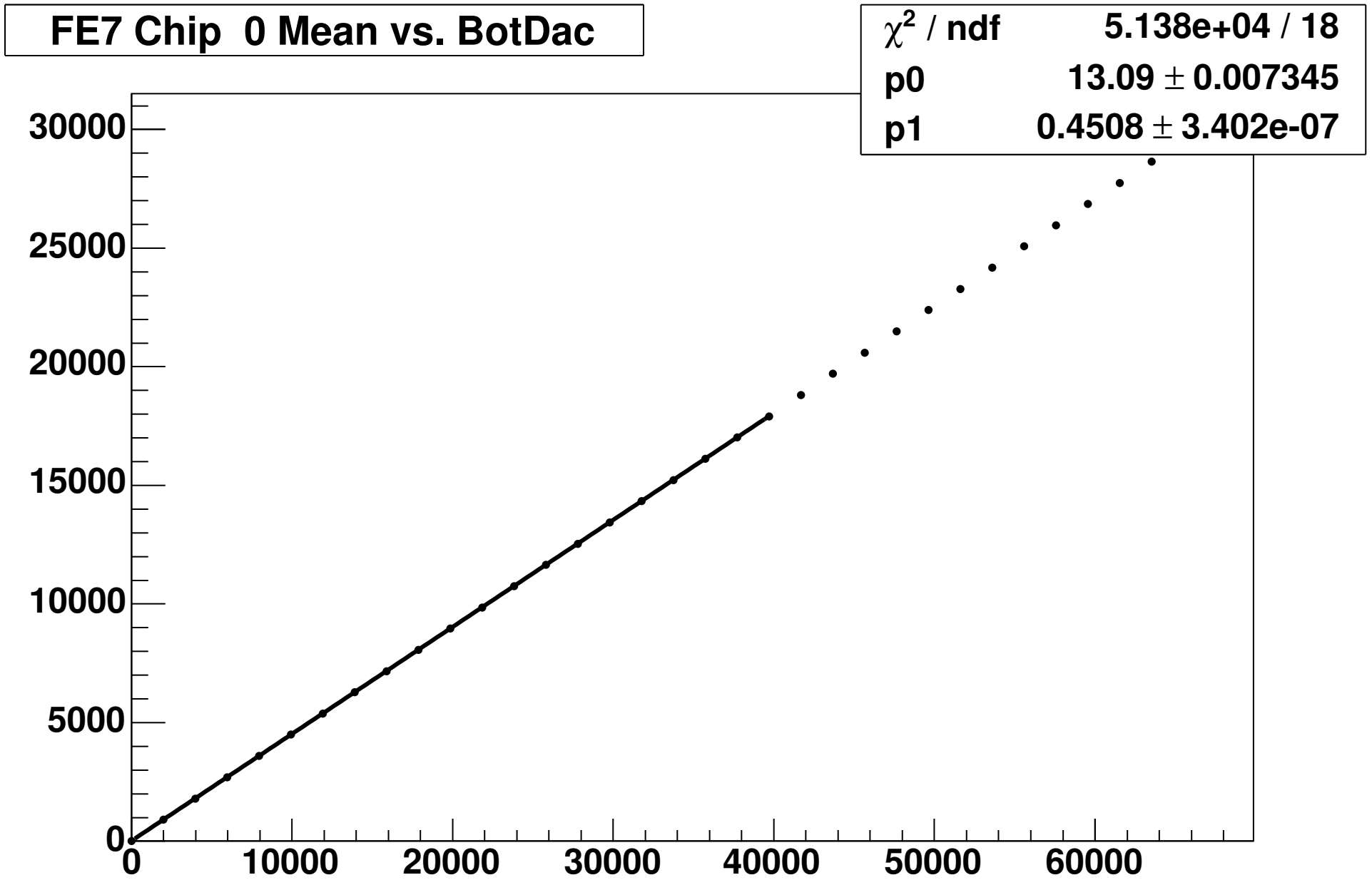
FE7 Chip 0 Mean vs. BotDac
χ² / ndf 5.138e+04 / 18
p0 13.09 ± 0.007345
p1 0.4508 ± 3.402e-07
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25000
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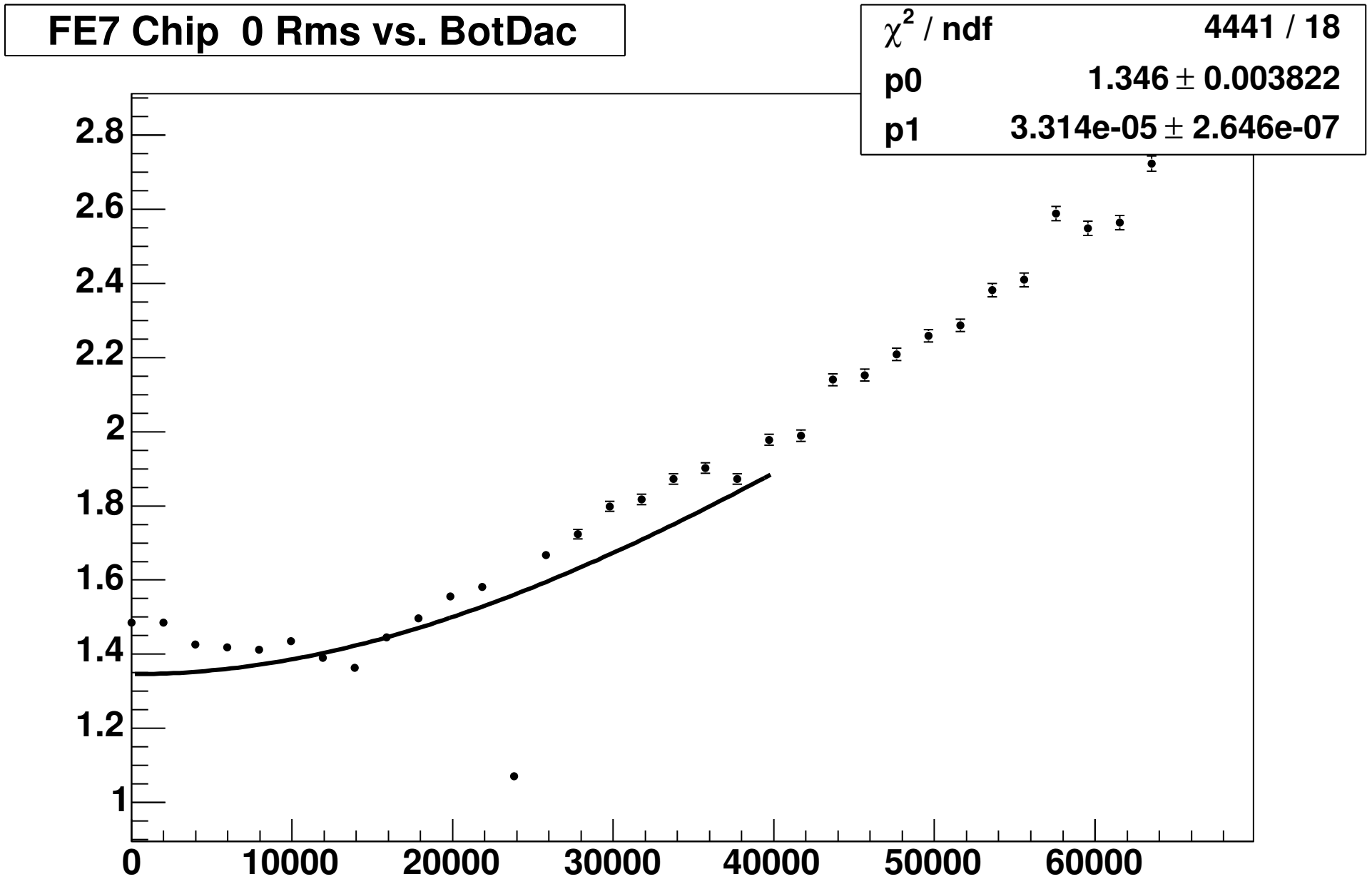
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 0 Rms vs. BotDac
χ^2 / ndf 4441 / 18
p0 1.346 ± 0.003822
p1 3.314e-05 ± 2.646e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
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10000
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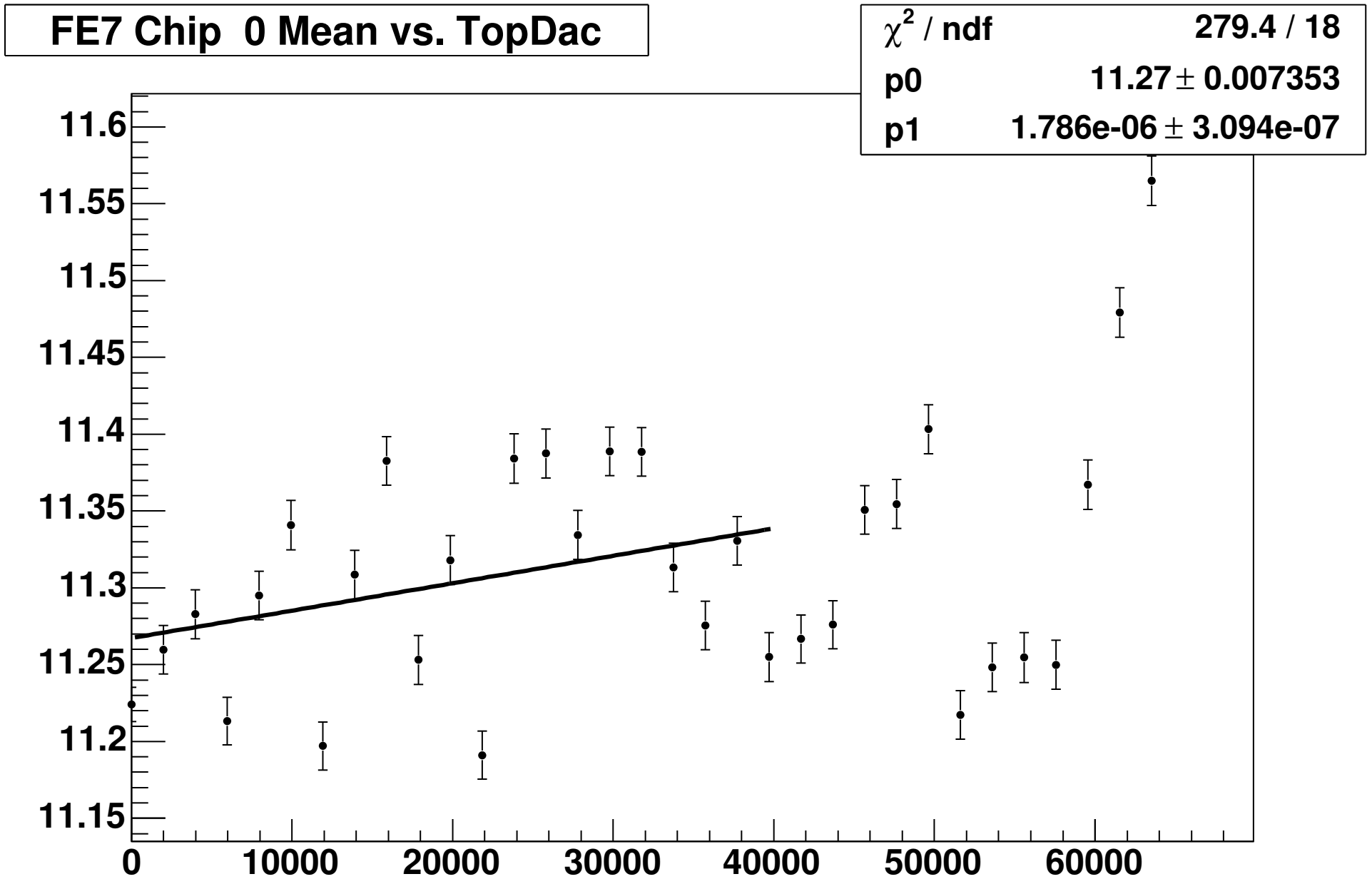
FE7 Chip 0 Mean vs. TopDac
χ² / ndf 279.4 / 18
p0 11.27 ± 0.007353
p1 1.786e-06 ± 3.094e-07
11.6
11.55
11.5
11.45
11.4
11.35
11.3
11.25
11.2
11.15
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10000
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40000
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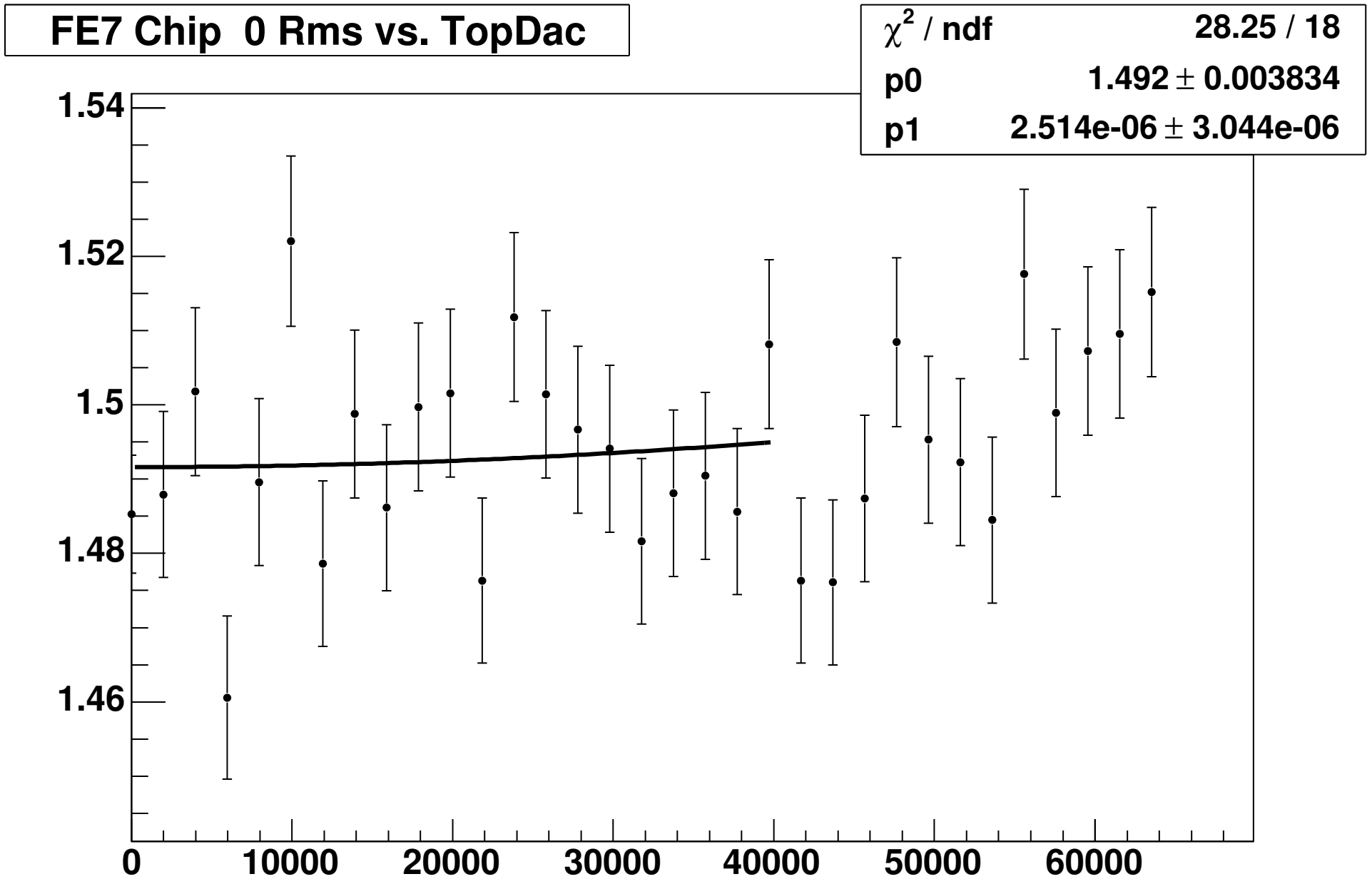
FE7 Chip 0 Rms vs. TopDac
χ² / ndf 28.25 / 18
p0 1.492 ± 0.003834
p1 2.514e-06 ± 3.044e-06
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1.52
1.5
1.48
1.46
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10000
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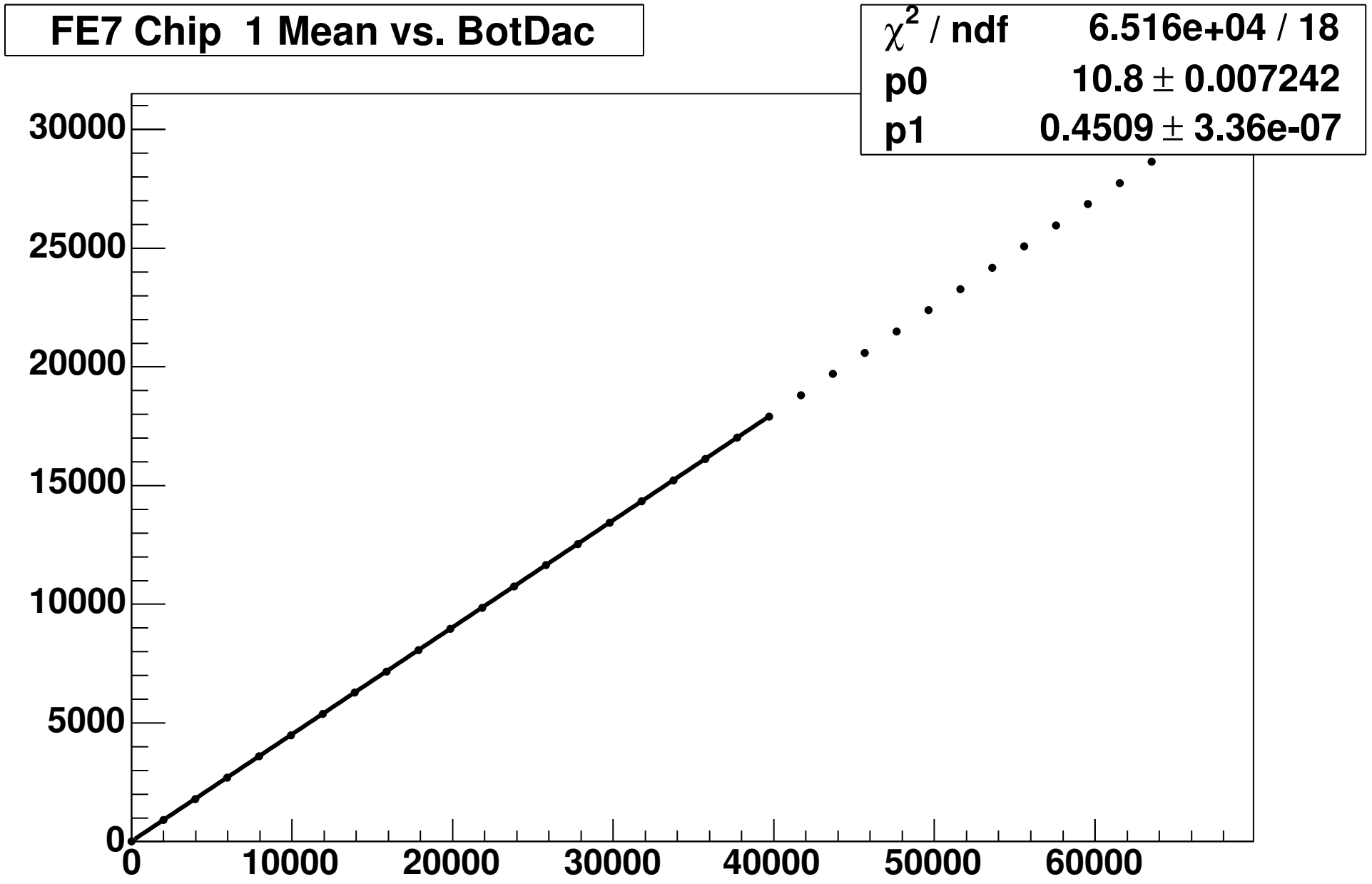
FE7 Chip 1 Mean vs. BotDac
χ² / ndf 6.516e+04 / 18
p0 10.8 ± 0.007242
p1 0.4509 ± 3.36e-07
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25000
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10000
5000
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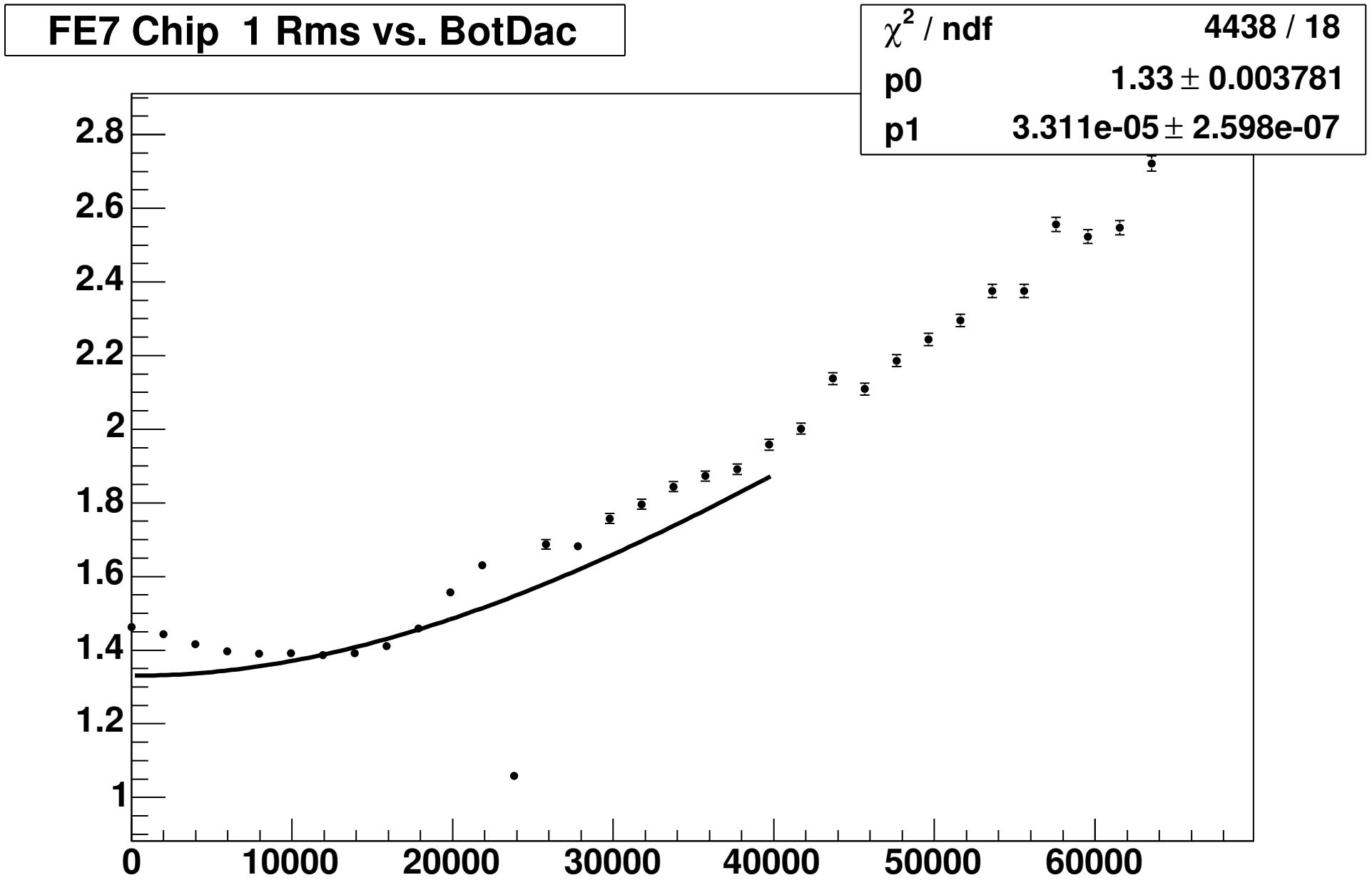
0
10000
20000
30000
40000
50000
60000


FE7 Chip 1 Rms vs. BotDac
χ² / ndf 4438 / 18
p0 1.33 ± 0.003781
p1 3.311e-05 ± 2.598e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
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10000
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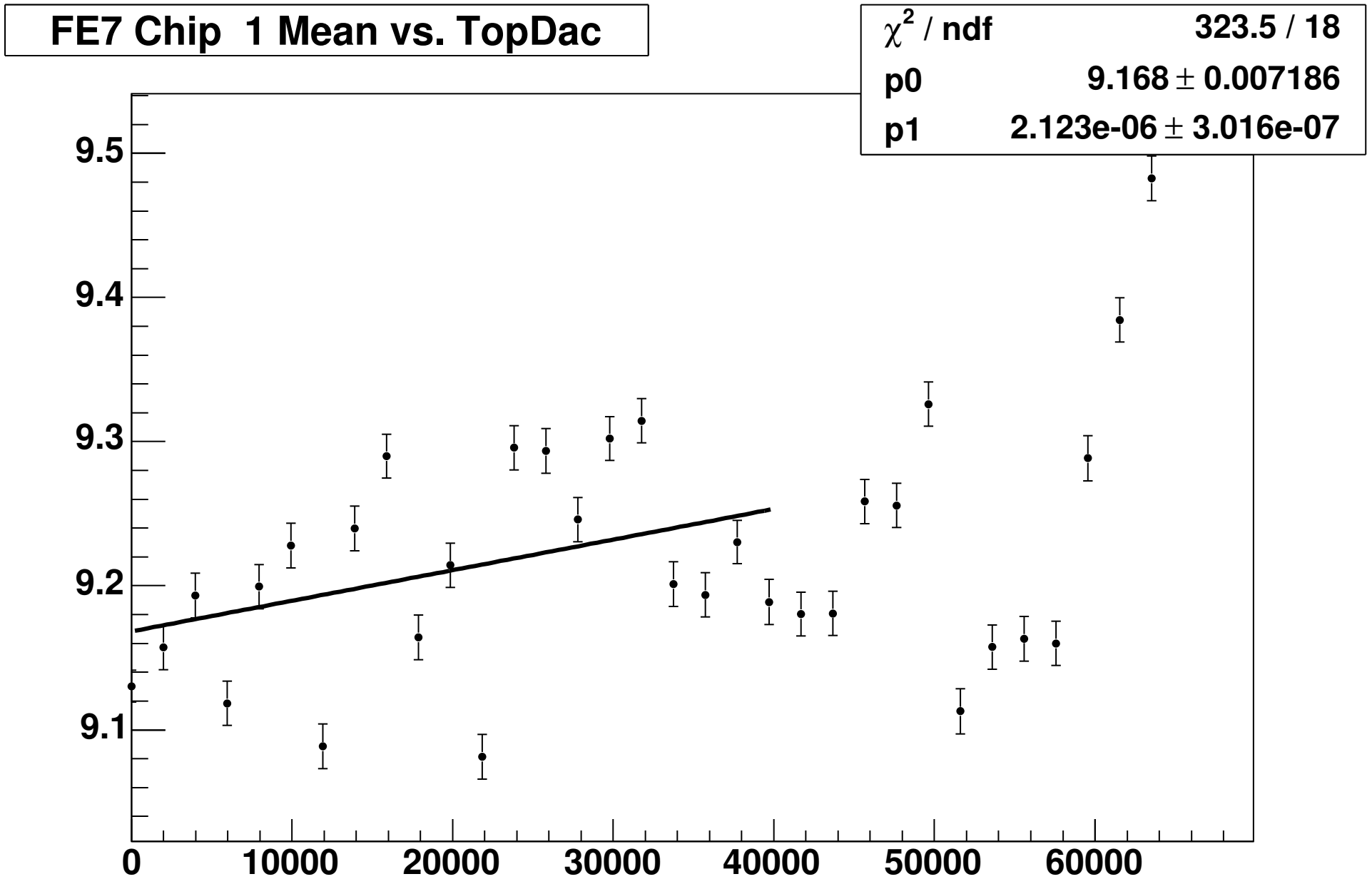
40000
50000
60000


FE7 Chip 1 Mean vs. TopDac
χ² / ndf 323.5 / 18
p0 9.168 ± 0.007186
p1 2.123e-06 ± 3.016e-07
9.5
9.4
9.3
9.2
9.1
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10000
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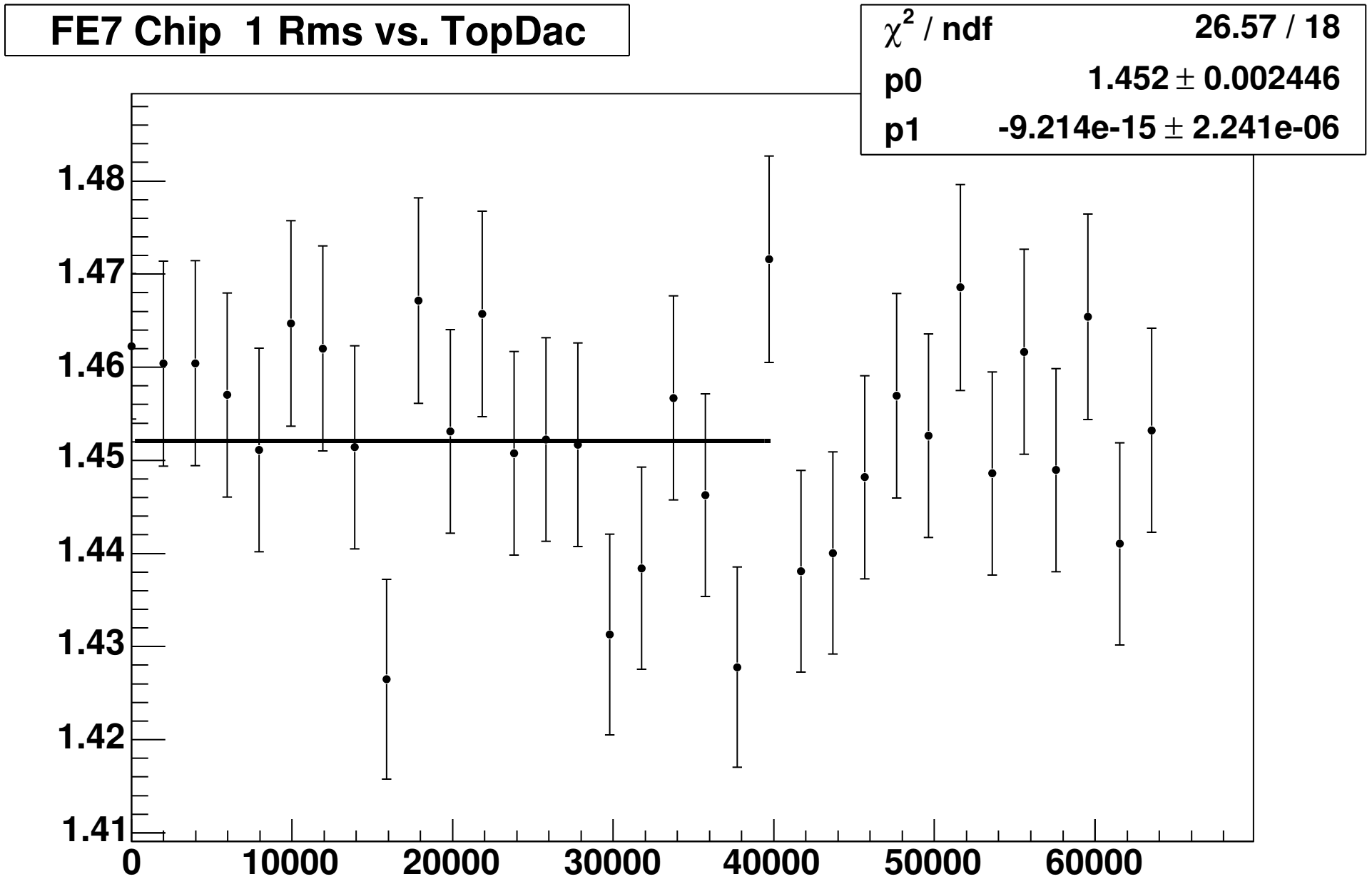
FE7 Chip 1 Rms vs. TopDac
χ² / ndf 26.57 / 18
p0 1.452 ± 0.002446
p1 -9.214e-15 ± 2.241e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
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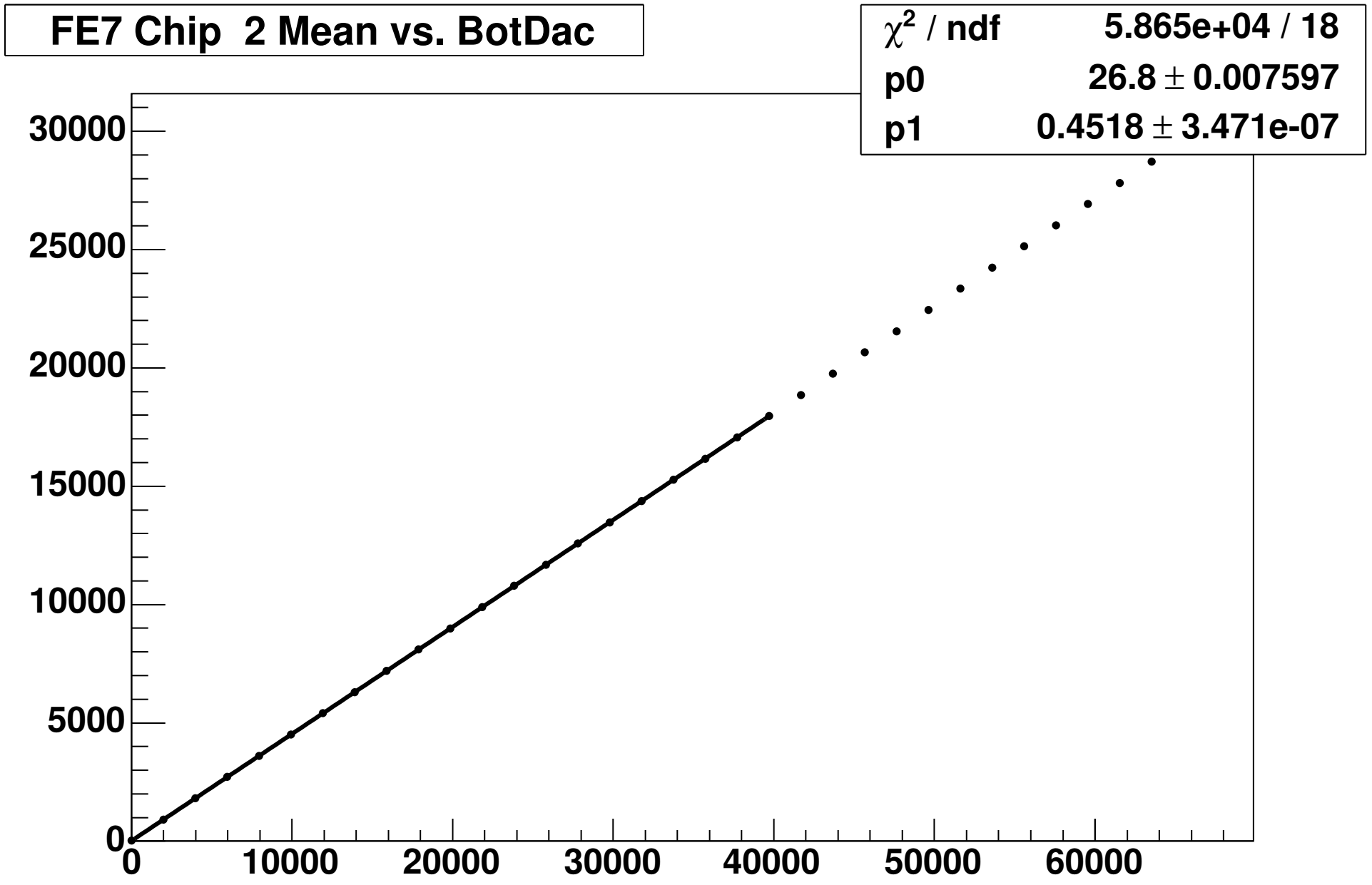
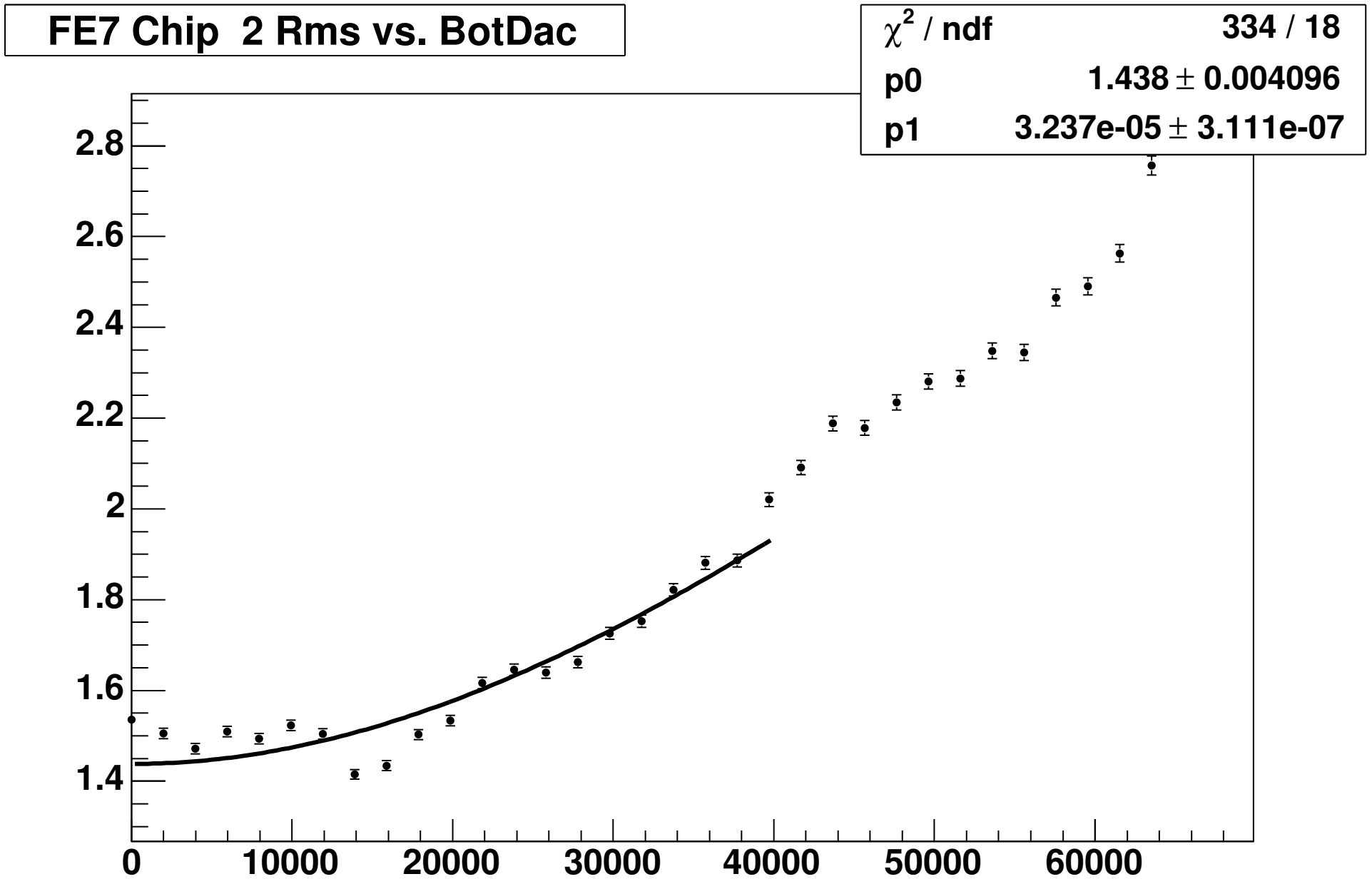
60000


FE7 Chip 2 Mean vs. BotDac
χ² / ndf 5.865e+04 / 18
p0 26.8 ± 0.007597
p1 0.4518 ± 3.471e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 2 Rms vs. BotDac
χ² / ndf 334 / 18
p0 1.438 ± 0.004096
p1 3.237e-05 ± 3.111e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
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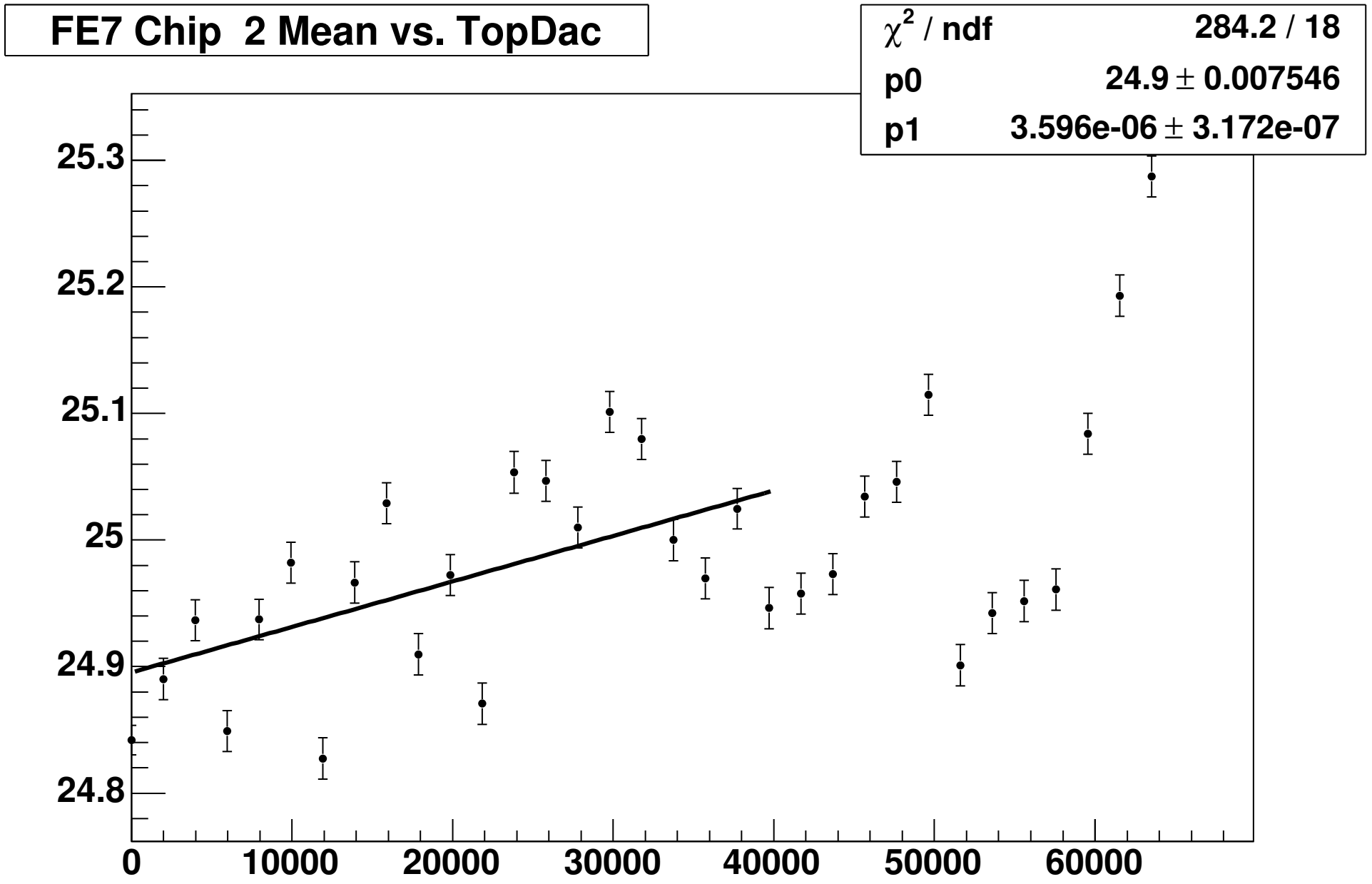
FE7 Chip 2 Mean vs. TopDac
χ² / ndf 284.2 / 18
p0 24.9 ± 0.007546
p1 3.596e-06 ± 3.172e-07
25.3
25.2
25.1
25
24.9
24.8
0
10000
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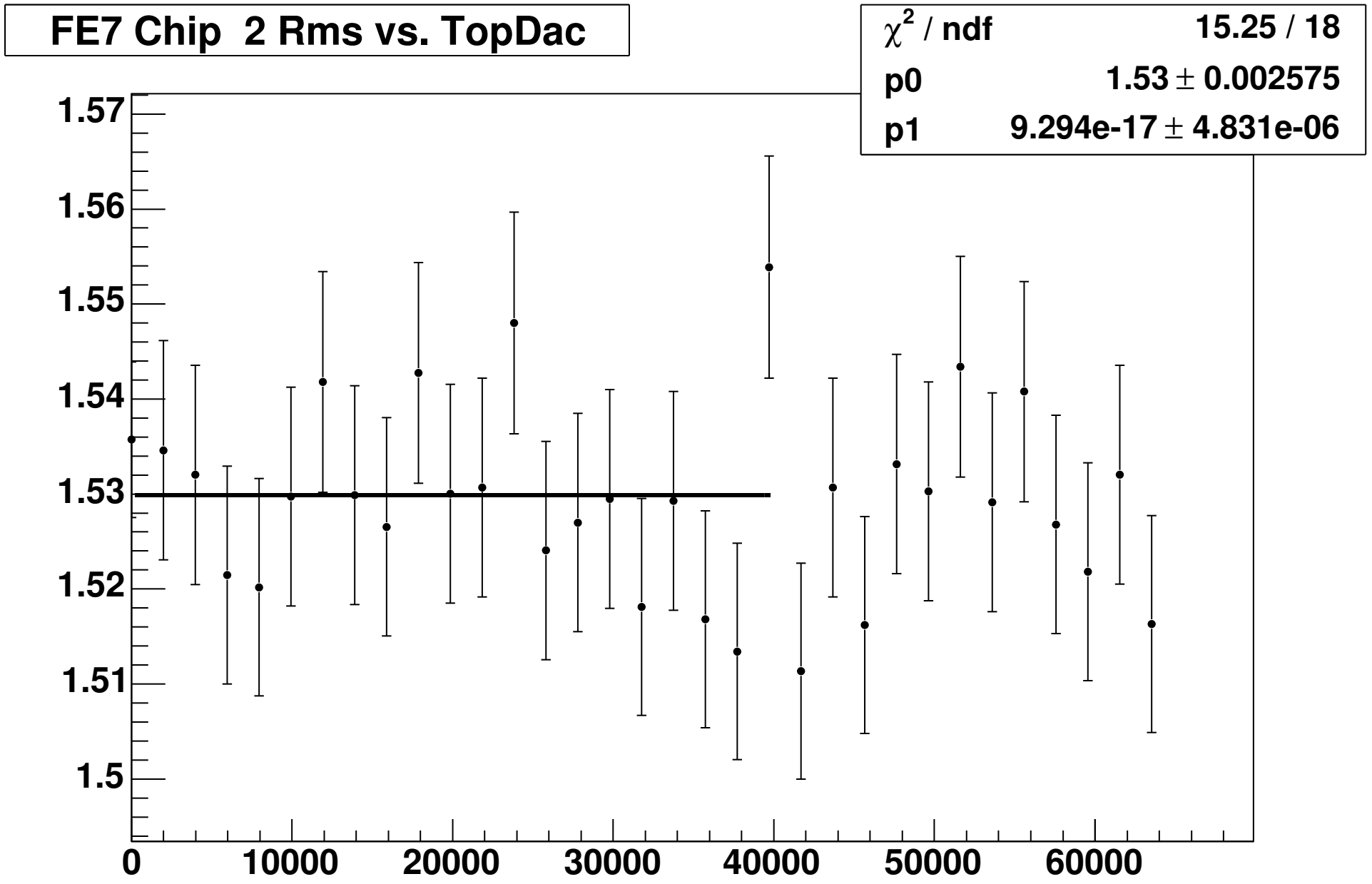
FE7 Chip 2 Rms vs. TopDac
χ² / ndf 15.25 / 18
p0 1.53 ± 0.002575
p1 9.294e-17 ± 4.831e-06
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
0
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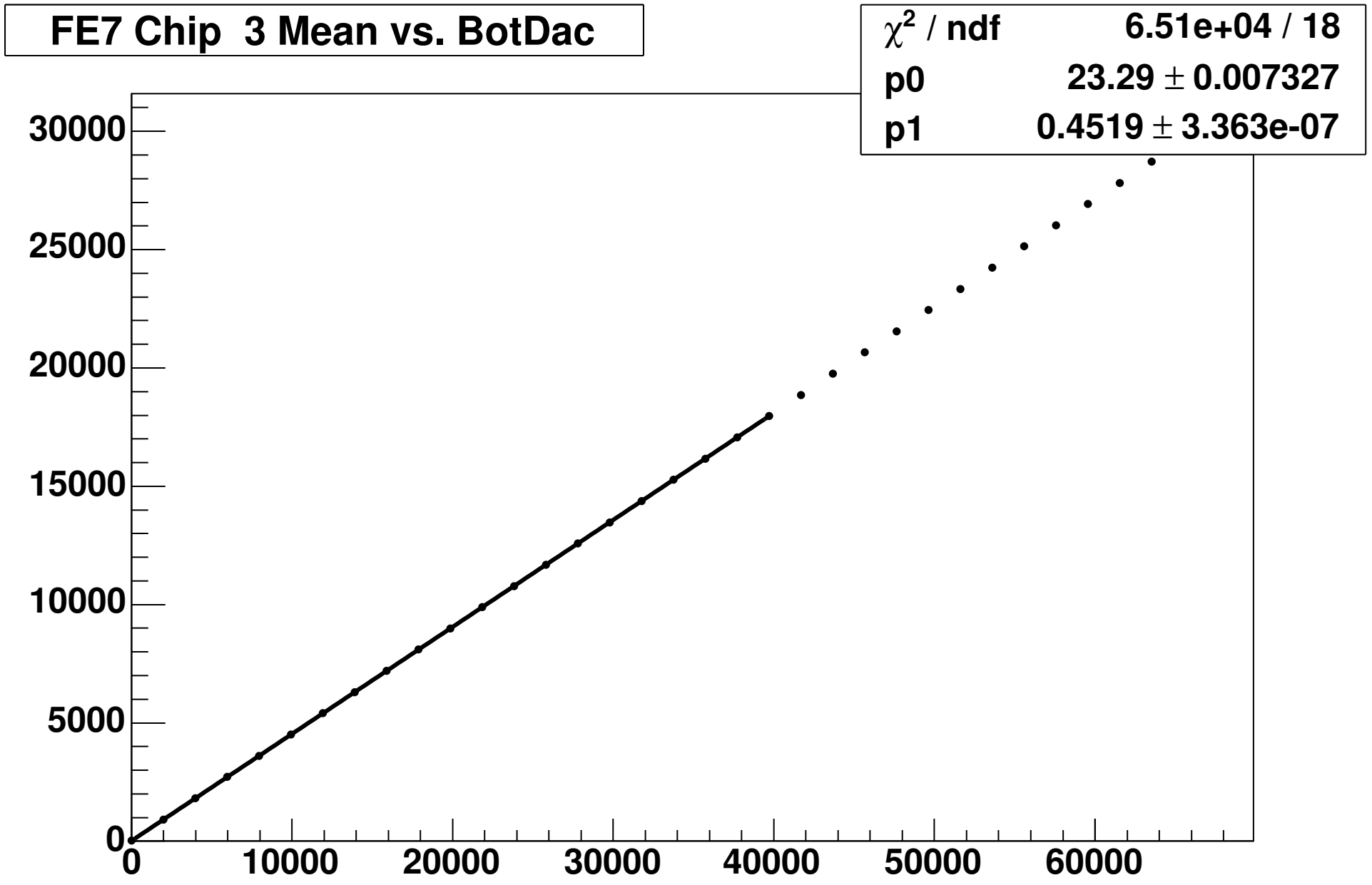
FE7 Chip 3 Mean vs. BotDac
χ² / ndf 6.51e+04 / 18
p0 23.29 ± 0.007327
p1 0.4519 ± 3.363e-07
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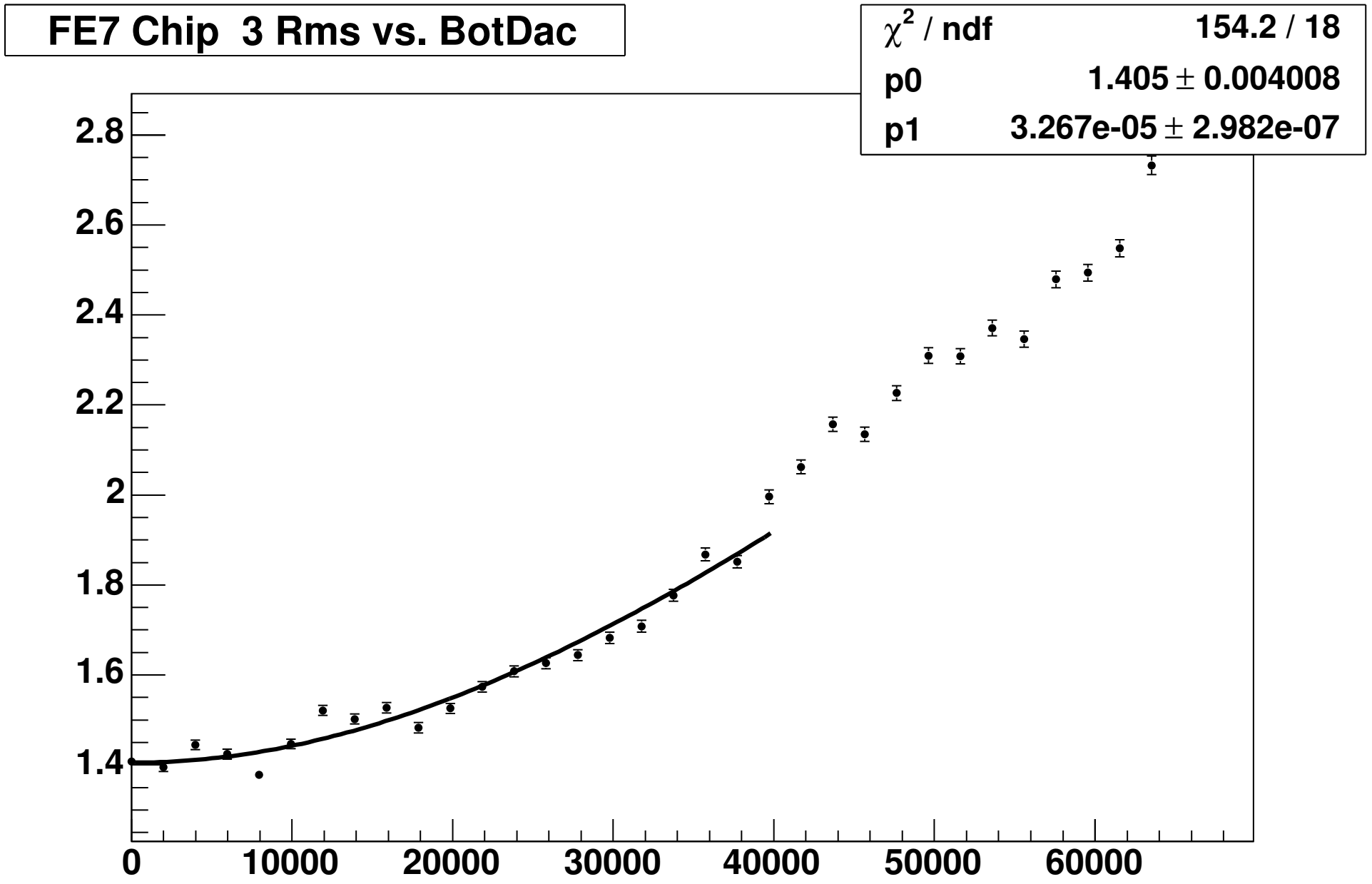
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 3 Rms vs. BotDac
χ² / ndf 154.2 / 18
p0 1.405 ± 0.004008
p1 3.267e-05 ± 2.982e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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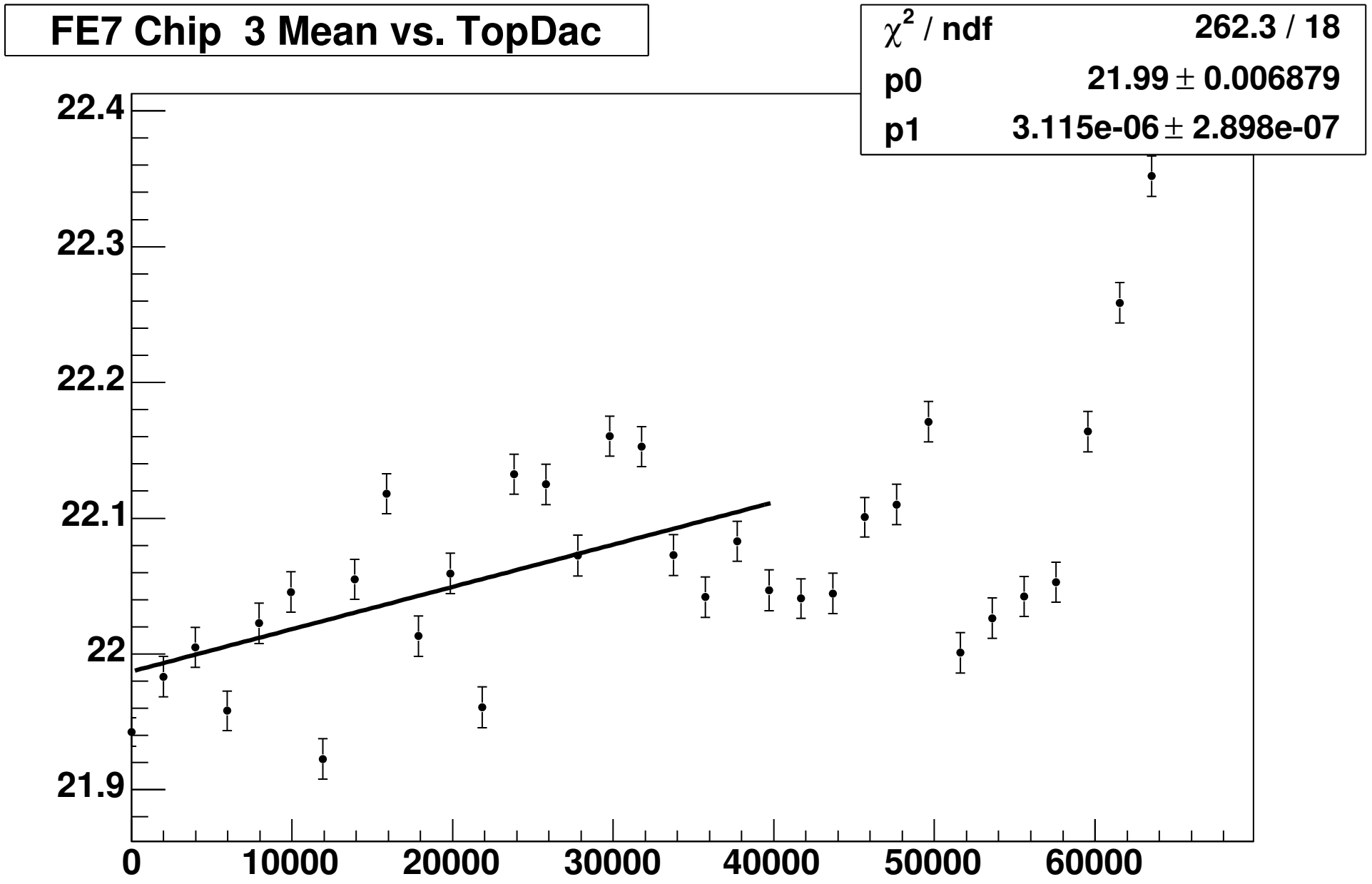
FE7 Chip 3 Mean vs. TopDac
χ² / ndf 262.3 / 18
p0 21.99 ± 0.006879
p1 3.115e-06 ± 2.898e-07
22.4
22.3
22.2
22.1
22
21.9
0
10000
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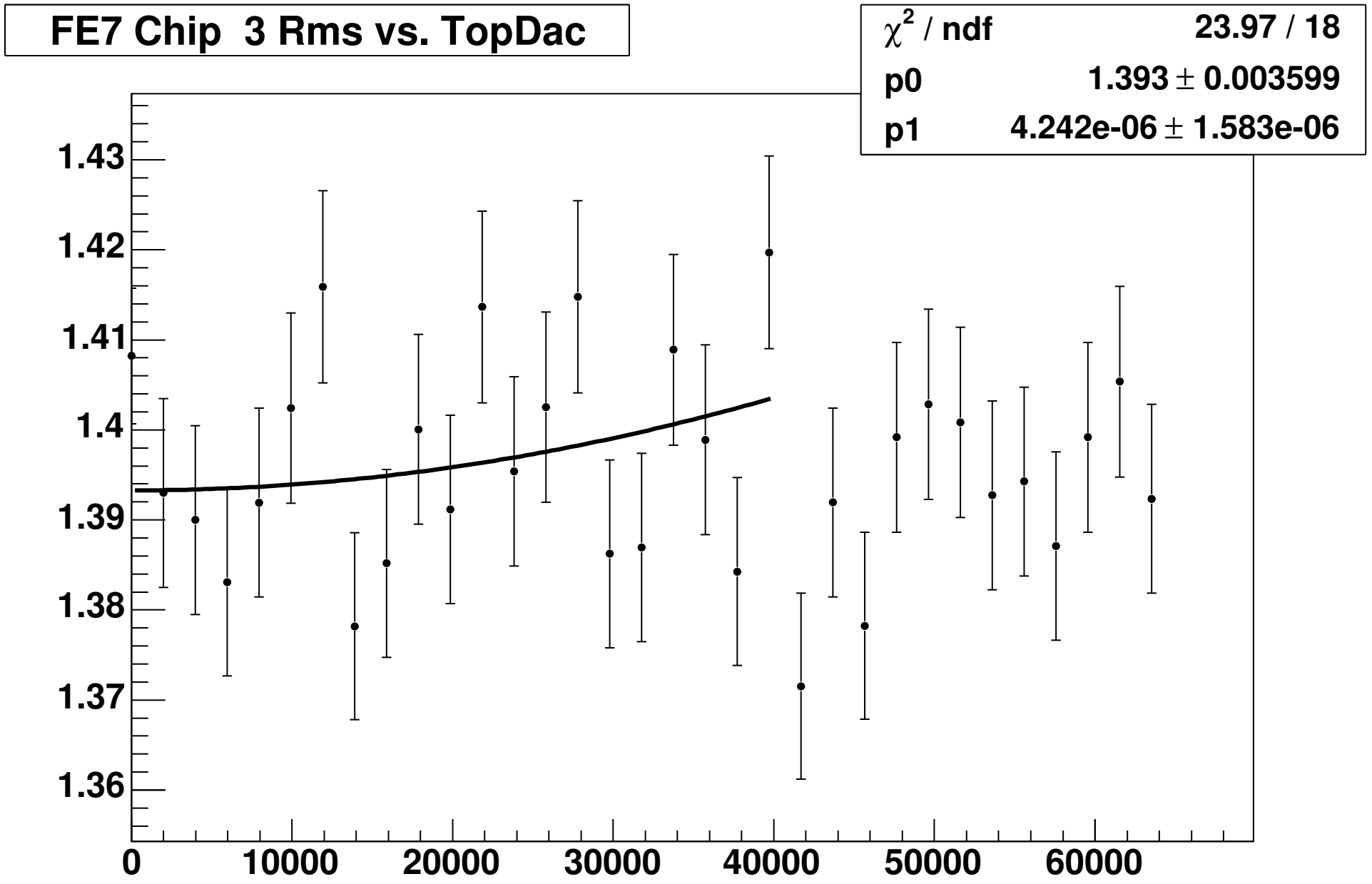
FE7 Chip 3 Rms vs. TopDac
χ² / ndf 23.97 / 18
p0 1.393 ± 0.003599
p1 4.242e-06 ± 1.583e-06
1.43
1.42
1.41
1.4
1.39
1.38
1.37
1.36
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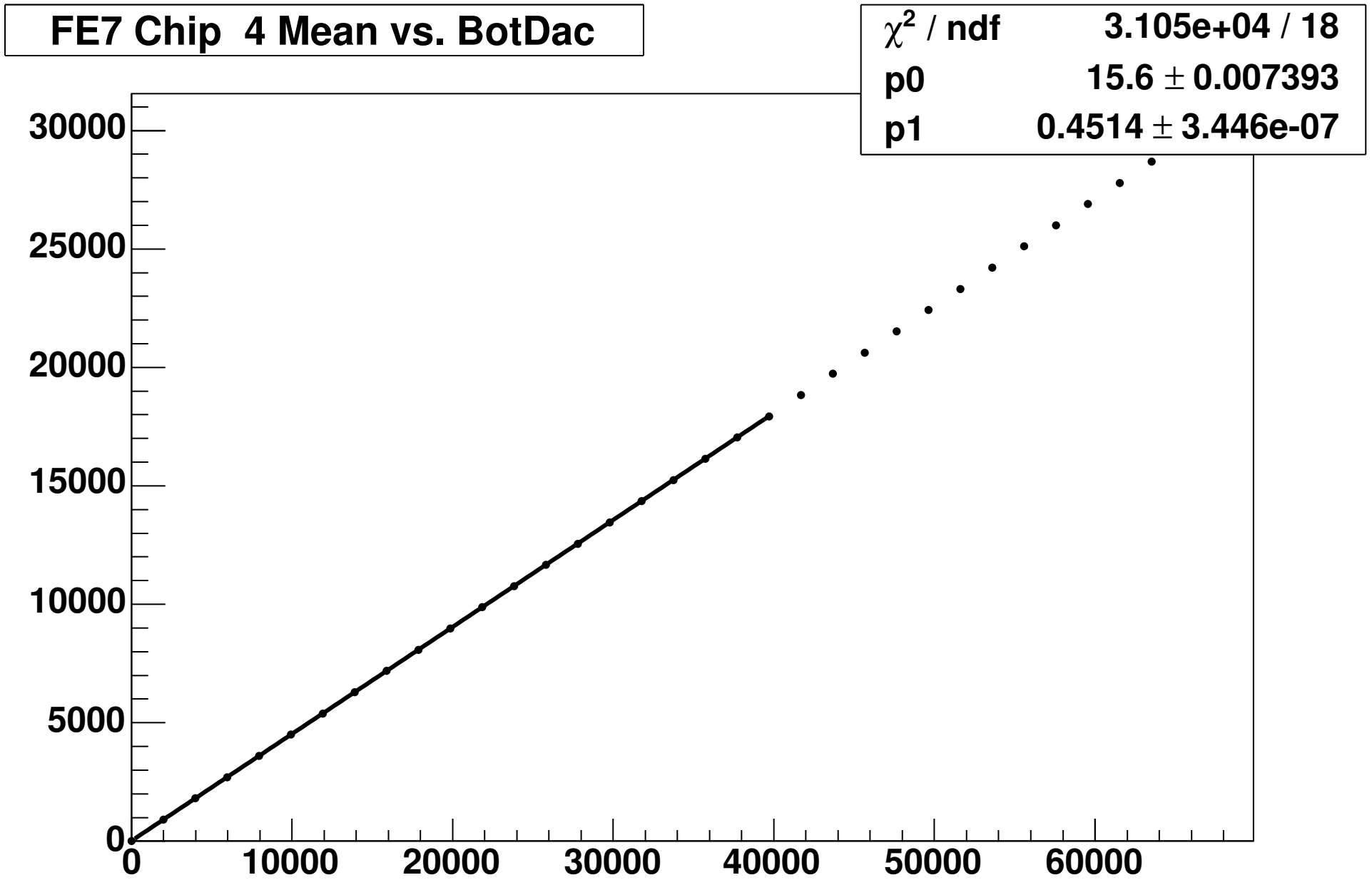
FE7 Chip 4 Mean vs. BotDac
χ² / ndf 3.105e+04 / 18
p0 15.6 ± 0.007393
p1 0.4514 ± 3.446e-07
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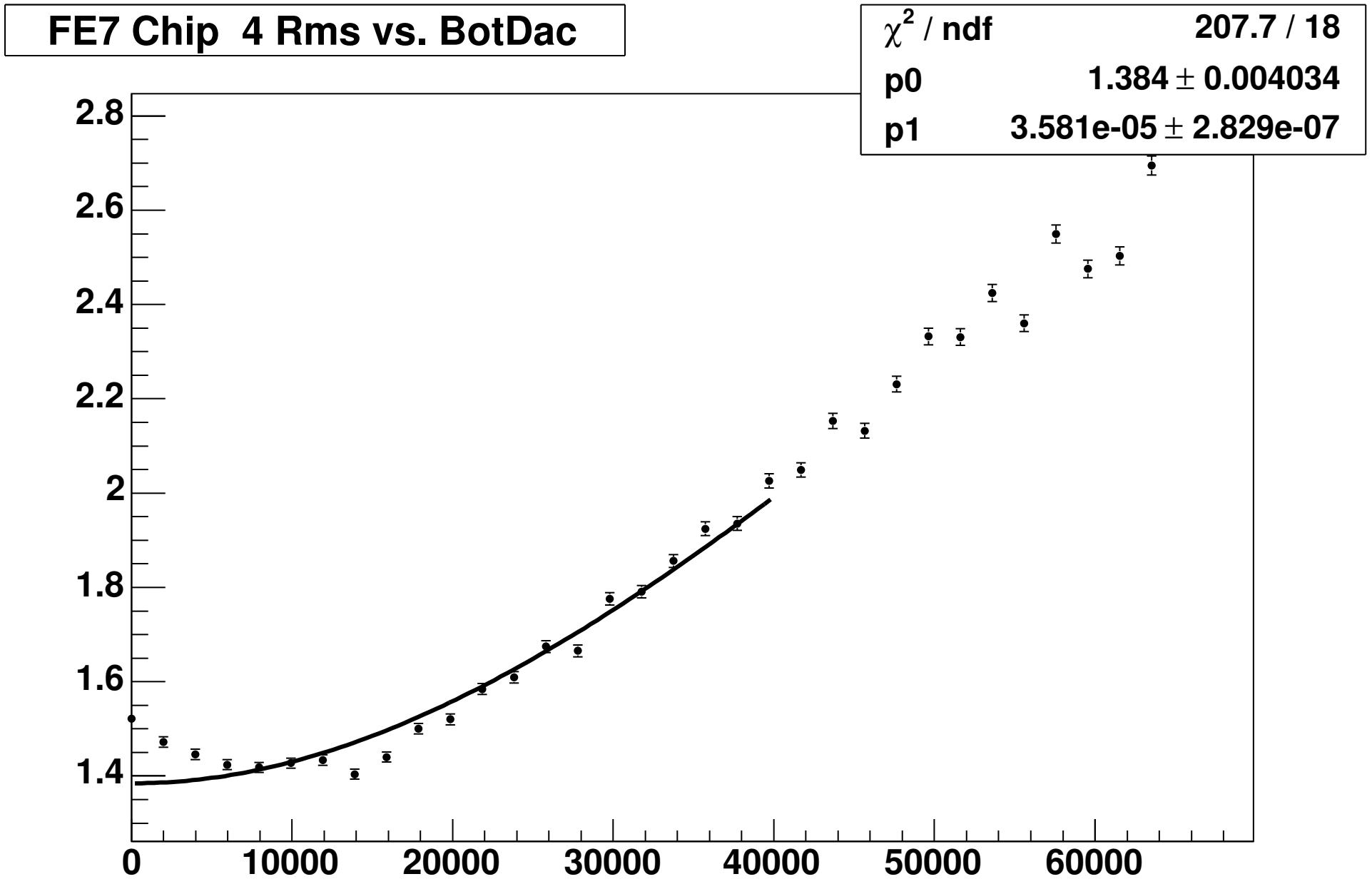
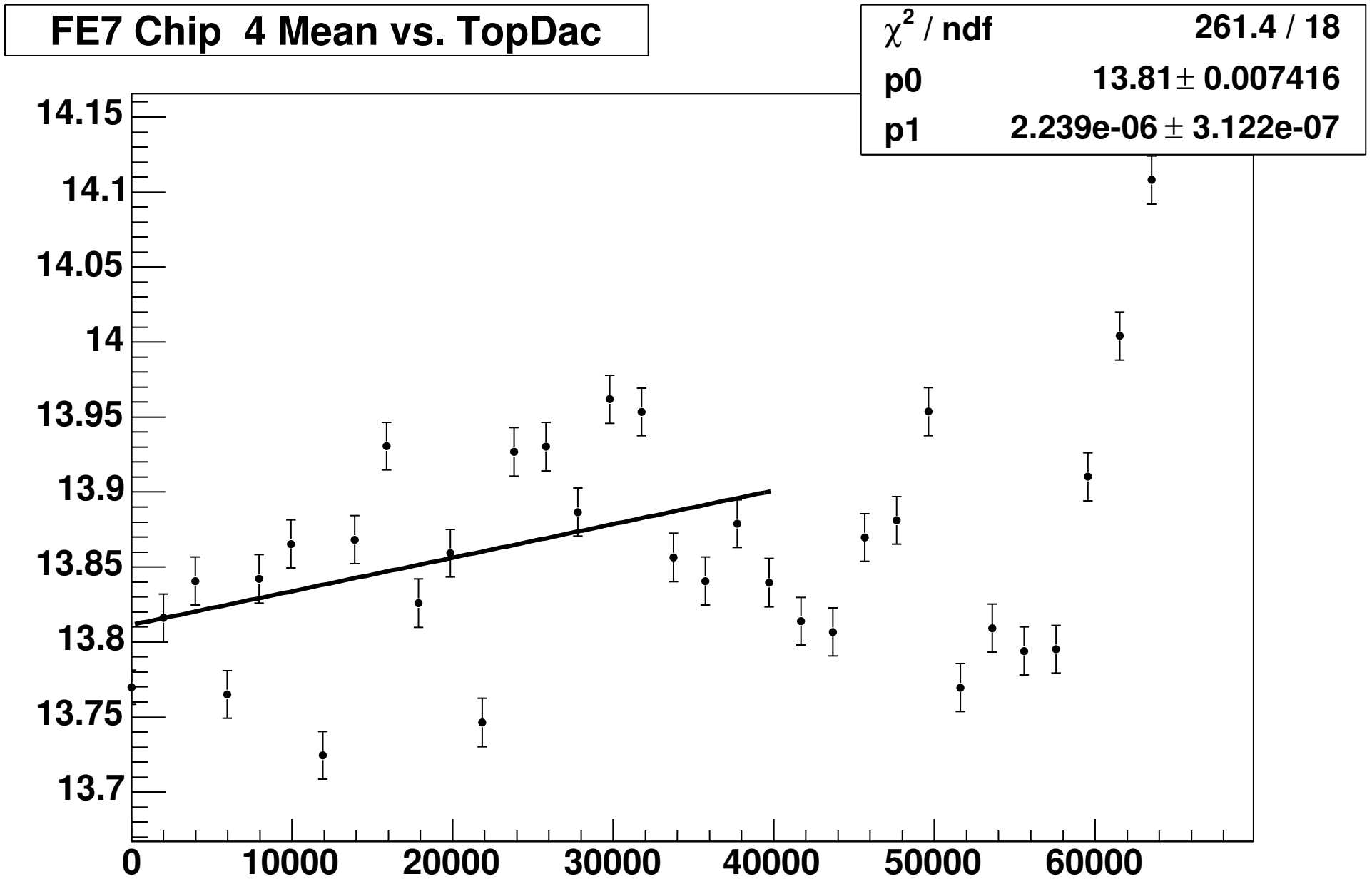
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 4 Rms vs. BotDac
χ² / ndf 207.7 / 18
p0 1.384 ± 0.004034
p1 3.581e-05 ± 2.829e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000


FE7 Chip 4 Mean vs. TopDac
χ^2 / ndf 261.4 / 18
p0 13.81 ± 0.007416
p1 2.239e-06 ± 3.122e-07
14.15
14.1
14.05
14
13.95
13.9
13.85
13.8
13.75
13.7
0
10000
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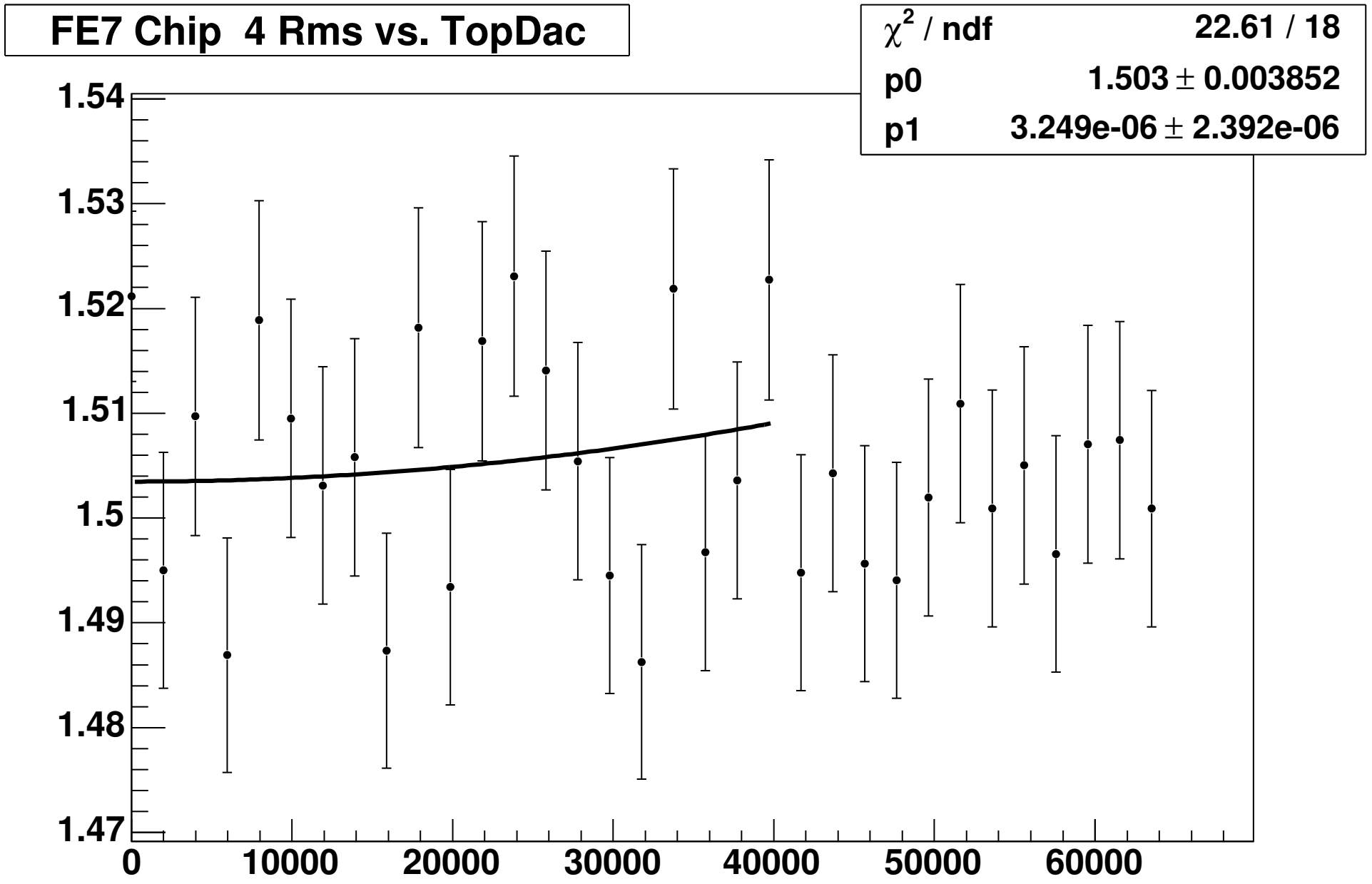
30000
40000
50000
60000


FE7 Chip 4 Rms vs. TopDac
χ² / ndf 22.61 / 18
p0 1.503 ± 0.003852
p1 3.249e-06 ± 2.392e-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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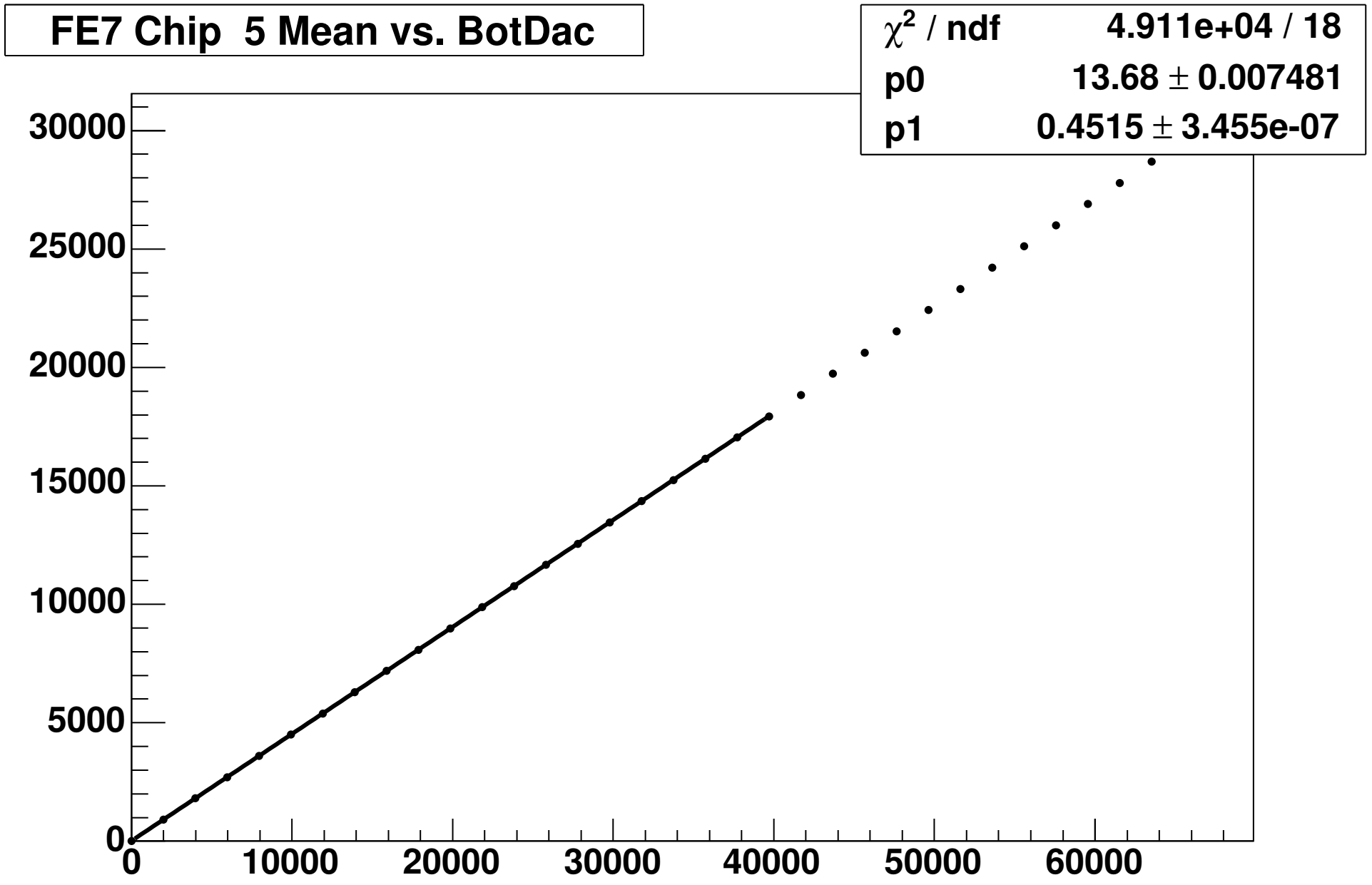
60000


FE7 Chip 5 Mean vs. BotDac
χ² / ndf 4.911e+04 / 18
p0 13.68 ± 0.007481
p1 0.4515 ± 3.455e-07
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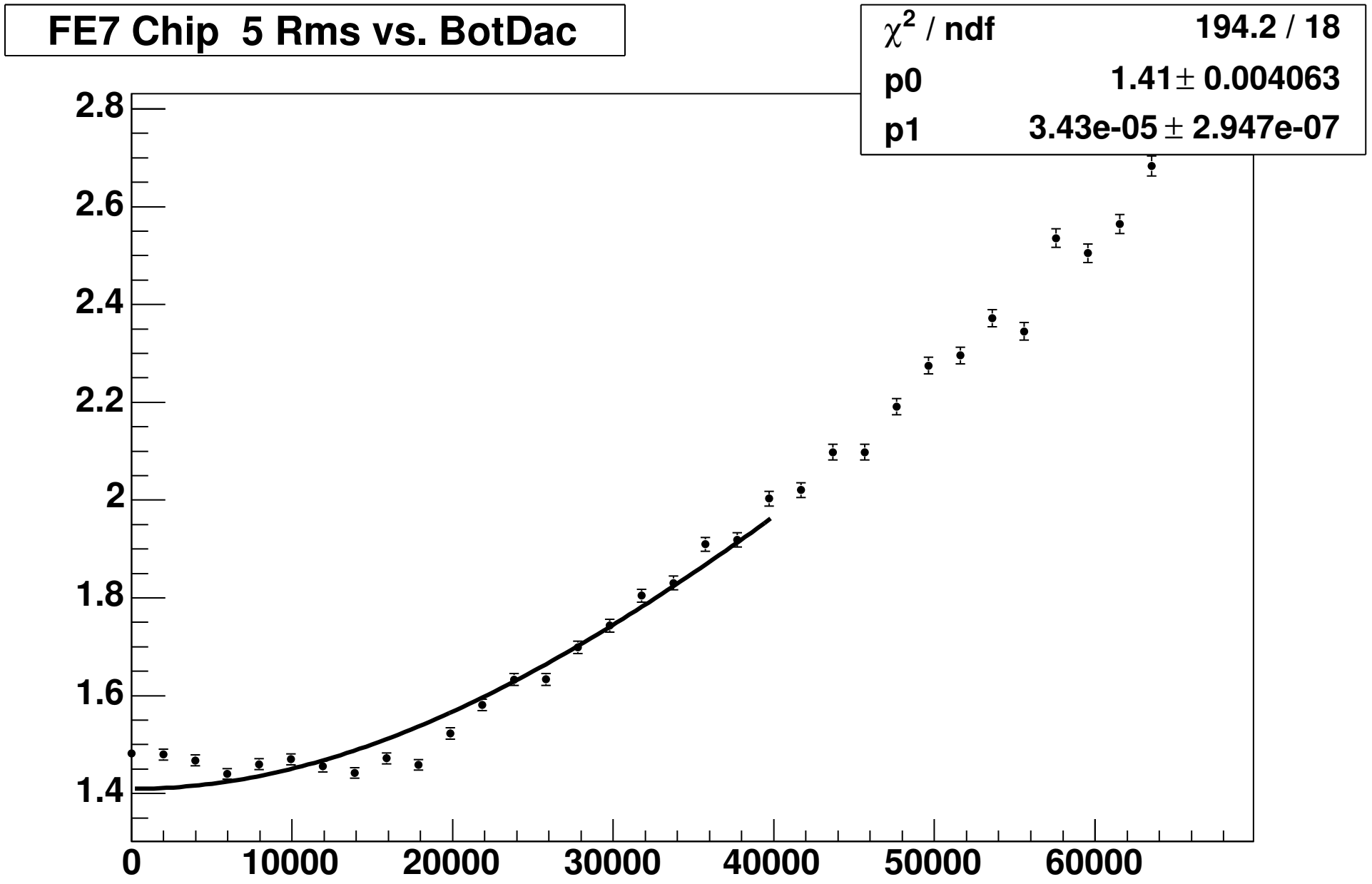
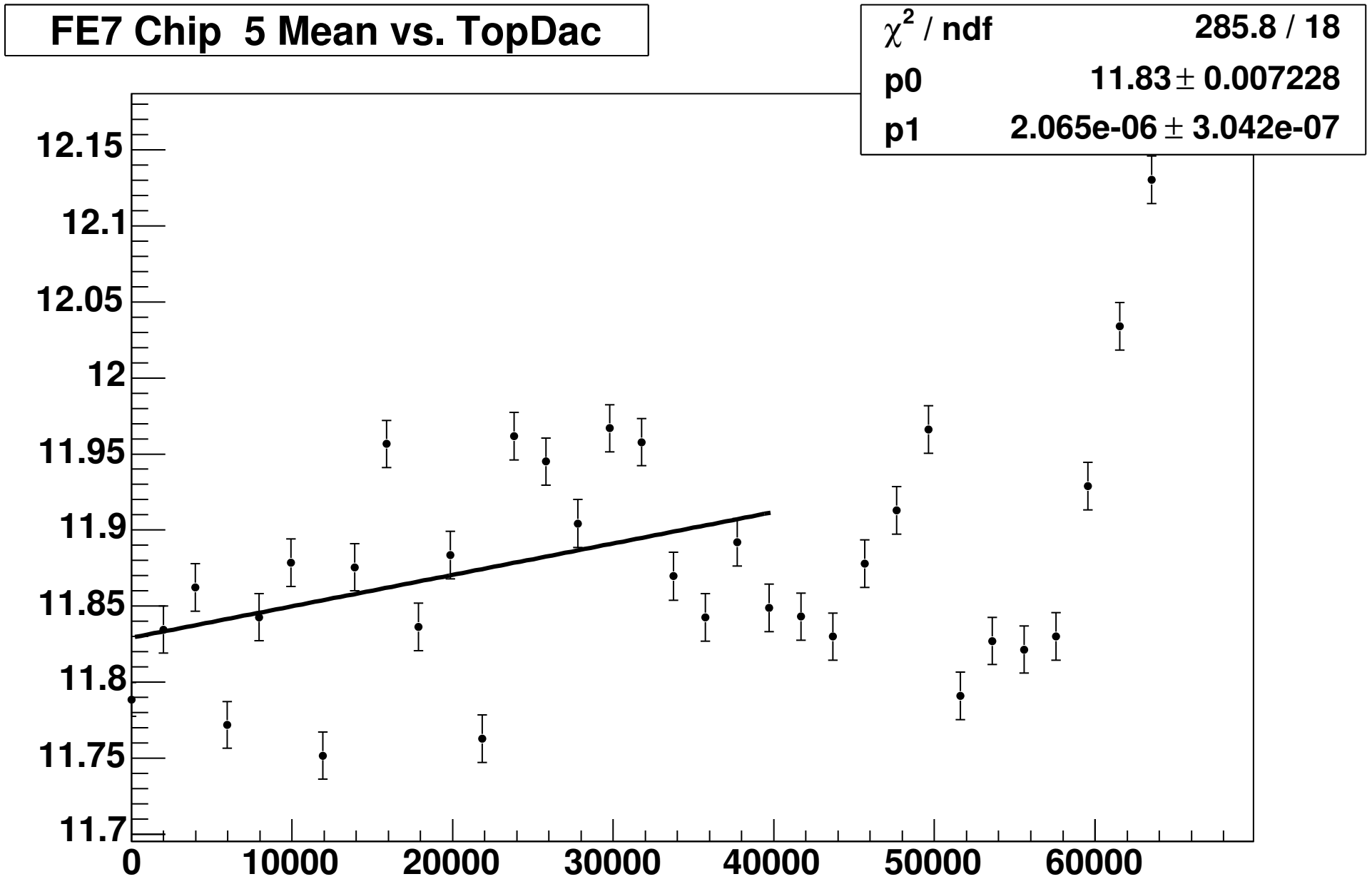
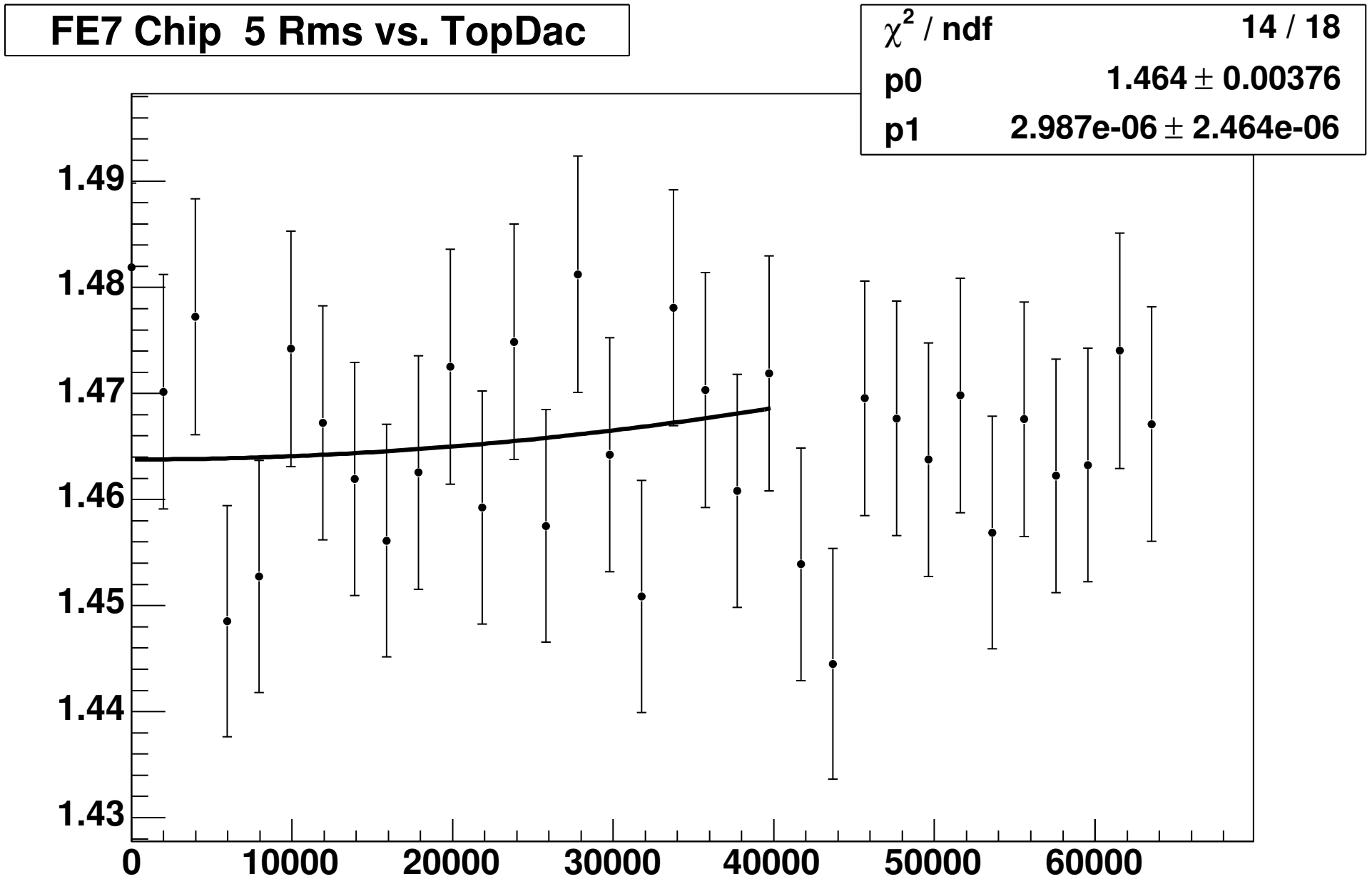
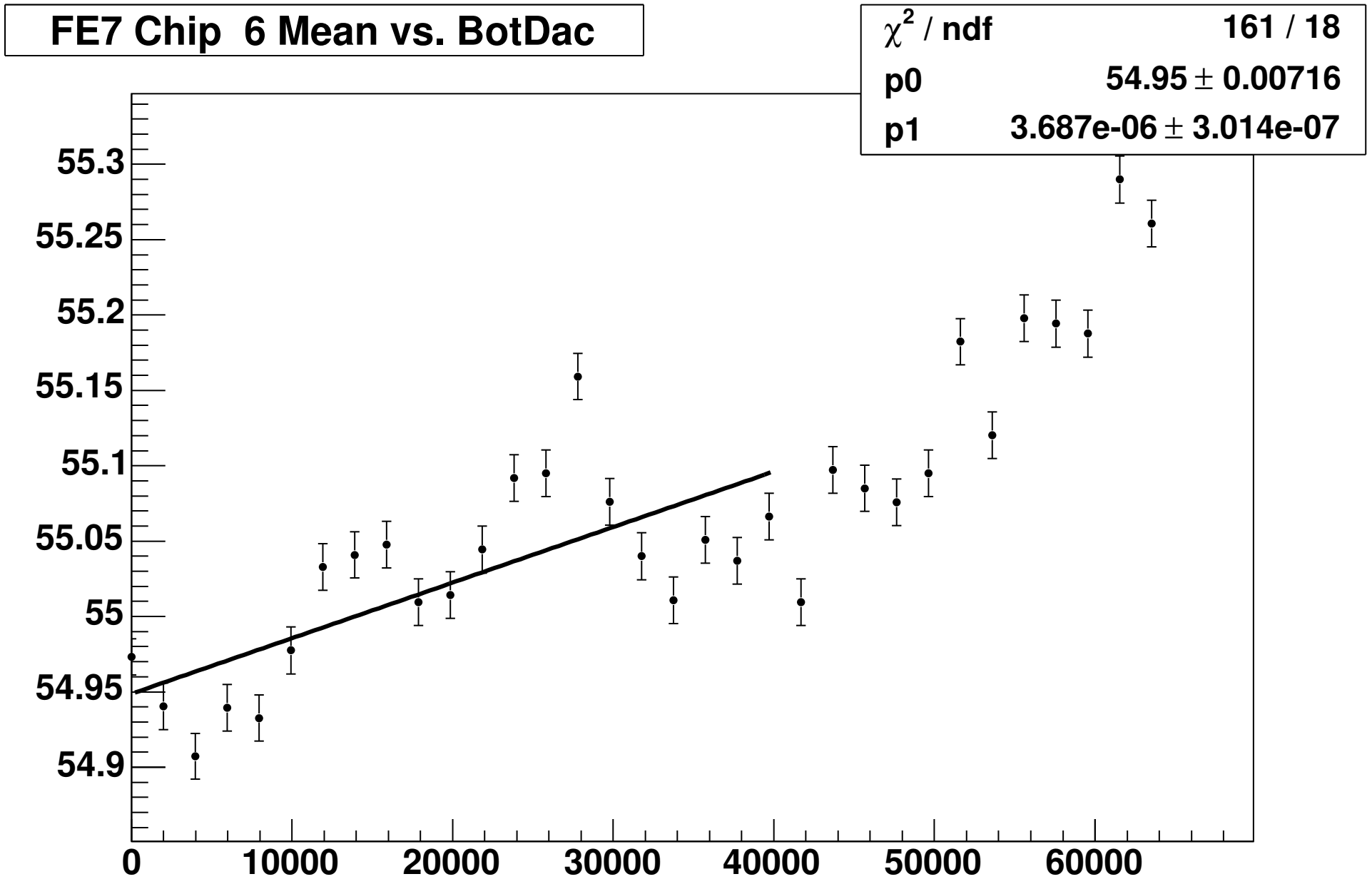
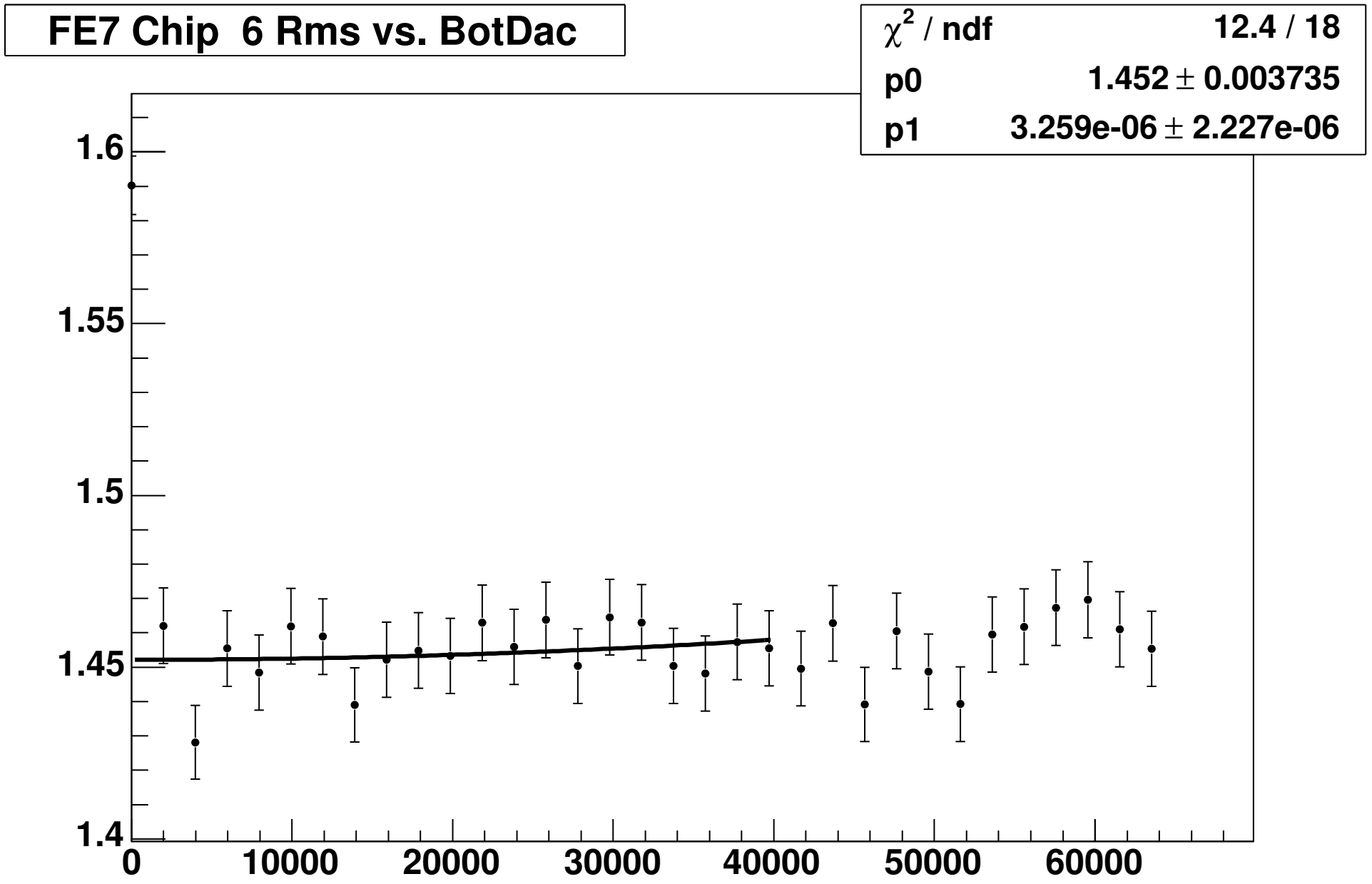
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000

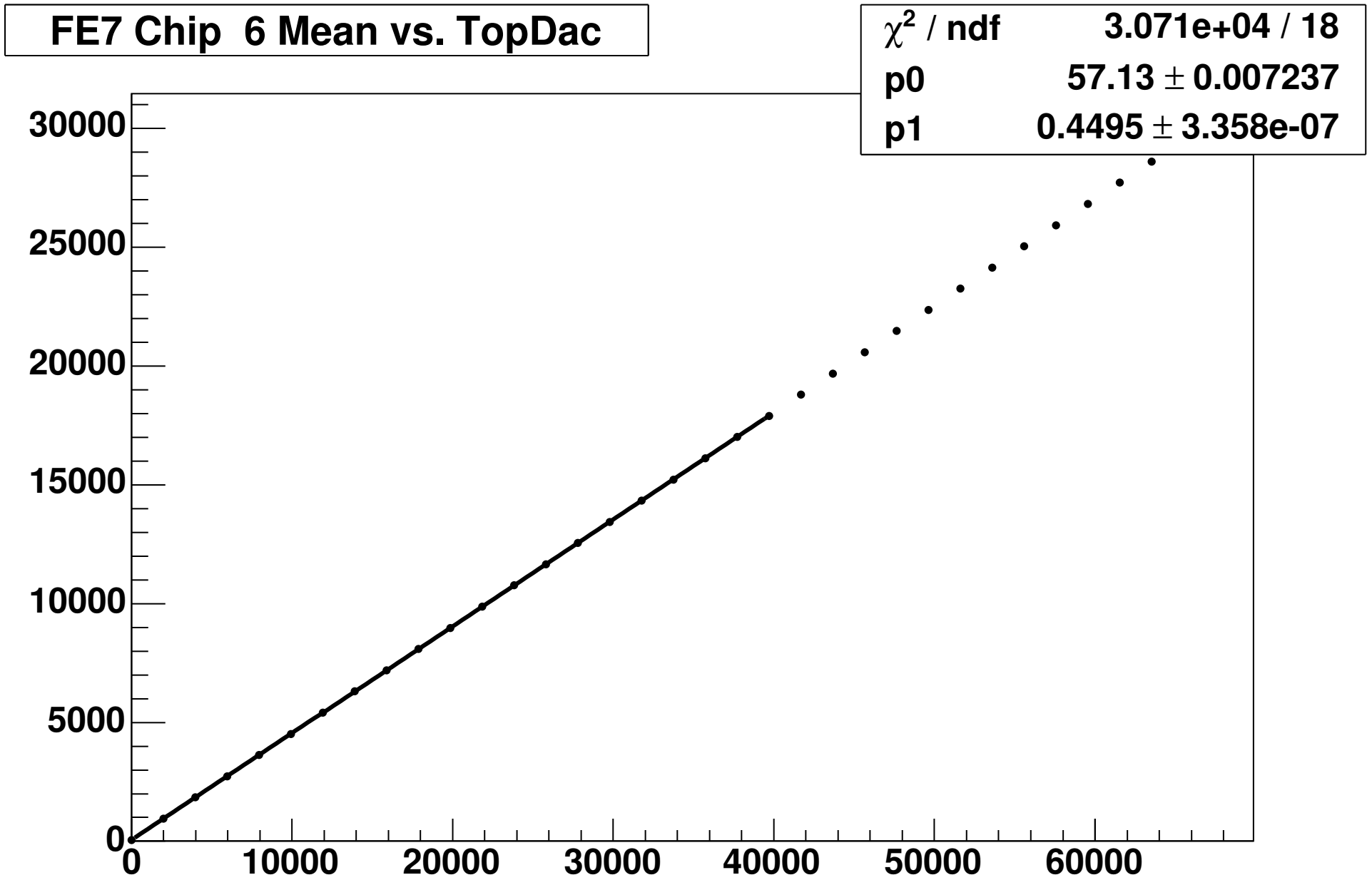

FE7 Chip 5 Rms vs. BotDac
χ² / ndf 194.2 / 18
p0 1.41 ± 0.004063
p1 3.43e-05 ± 2.947e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000


FE7 Chip 5 Mean vs. TopDac
χ² / ndf 285.8 / 18
p0 11.83 ± 0.007228
p1 2.065e-06 ± 3.042e-07
12.15
12.1
12.05
12
11.95
11.9
11.85
11.8
11.75
11.7
0
10000
20000
30000
40000
50000
60000


FE7 Chip 5 Rms vs. TopDac
χ² / ndf 14 / 18
p0 1.464 ± 0.00376
p1 2.987e-06 ± 2.464e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
10000
20000
30000
40000
50000
60000


FE7 Chip 6 Mean vs. BotDac
χ² / ndf 161 / 18
p0 54.95 ± 0.00716
p1 3.687e-06 ± 3.014e-07
55.3
55.25
55.2
55.15
55.1
55.05
55
54.95
54.9
0
10000
20000
30000
40000
50000
60000


FE7 Chip 6 Rms vs. BotDac
χ² / ndf 12.4 / 18
p0 1.452 ± 0.003735
p1 3.259e-06 ± 2.227e-06
1.6
1.55
1.5
1.45
1.4
0
10000
20000
30000
40000
50000
60000


FE7 Chip 6 Mean vs. TopDac
χ² / ndf 3.071e+04 / 18
p0 57.13 ± 0.007237
p1 0.4495 ± 3.358e-07
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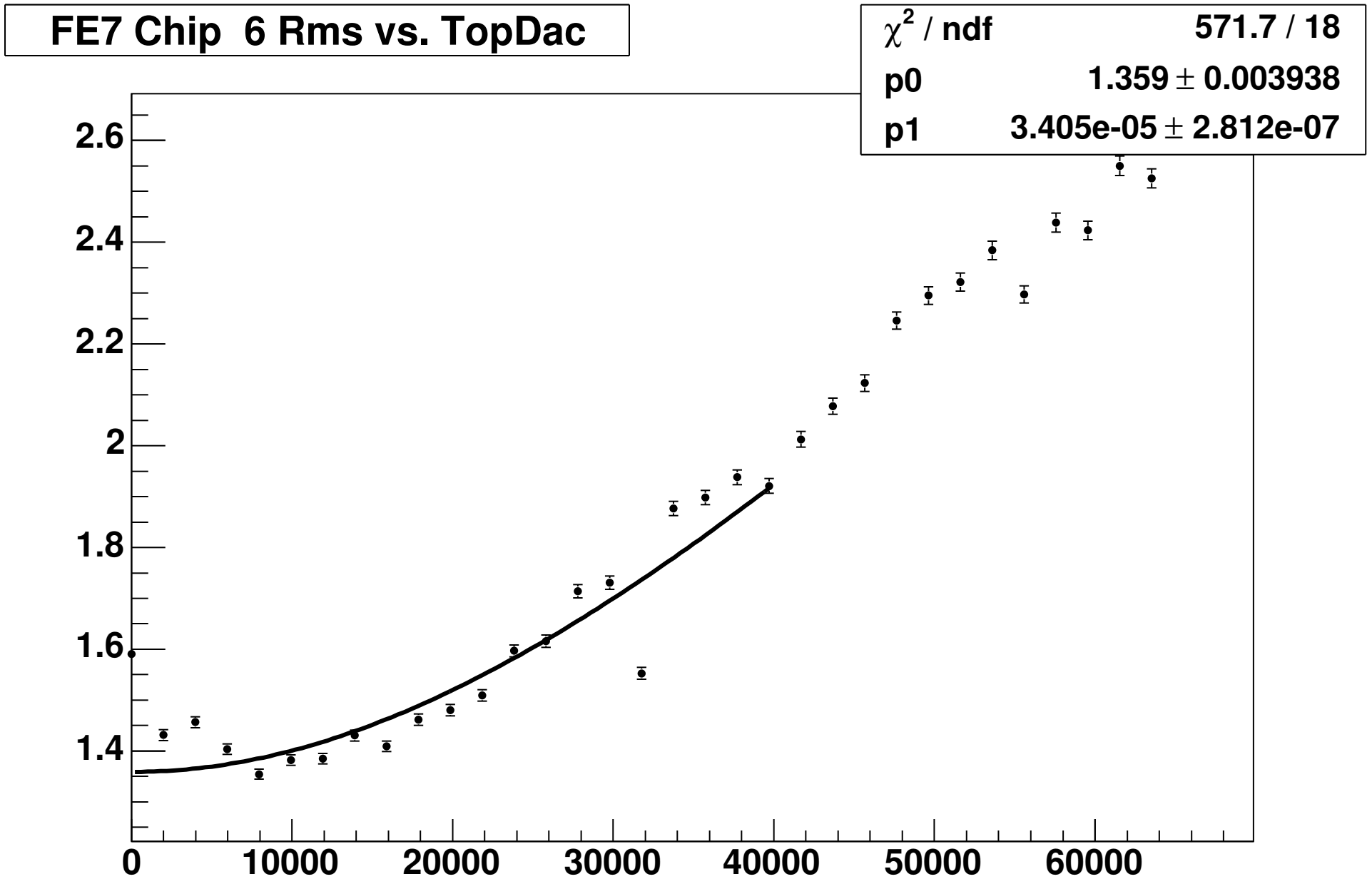
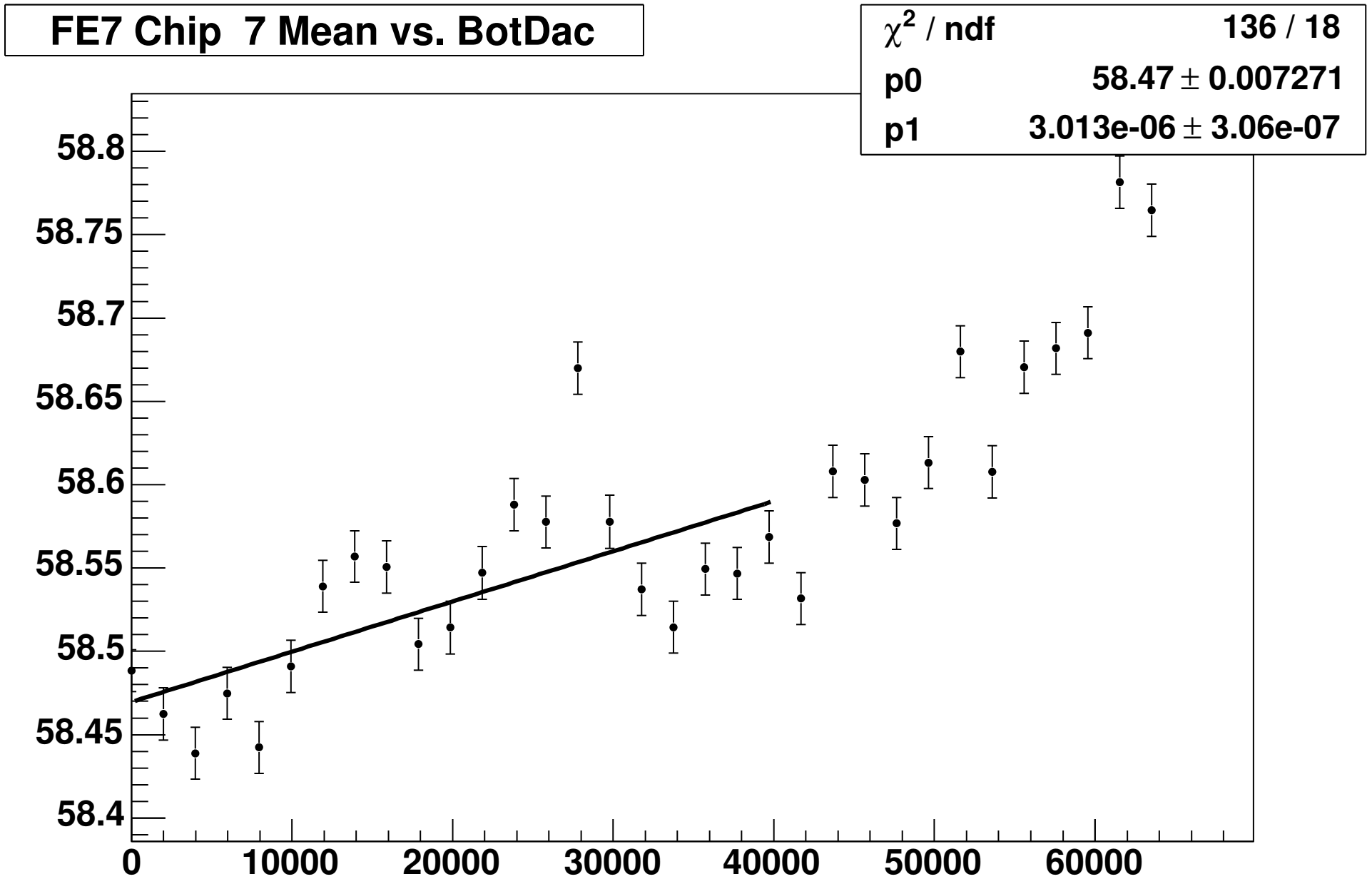
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 6 Rms vs. TopDac
χ² / ndf 571.7 / 18
p0 1.359 ± 0.003938
p1 3.405e-05 ± 2.812e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000


FE7 Chip 7 Mean vs. BotDac
χ² / ndf 136 / 18
p0 58.47 ± 0.007271
p1 3.013e-06 ± 3.06e-07
58.8
58.75
58.7
58.65
58.6
58.55
58.5
58.45
58.4
0
10000
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30000
40000
50000
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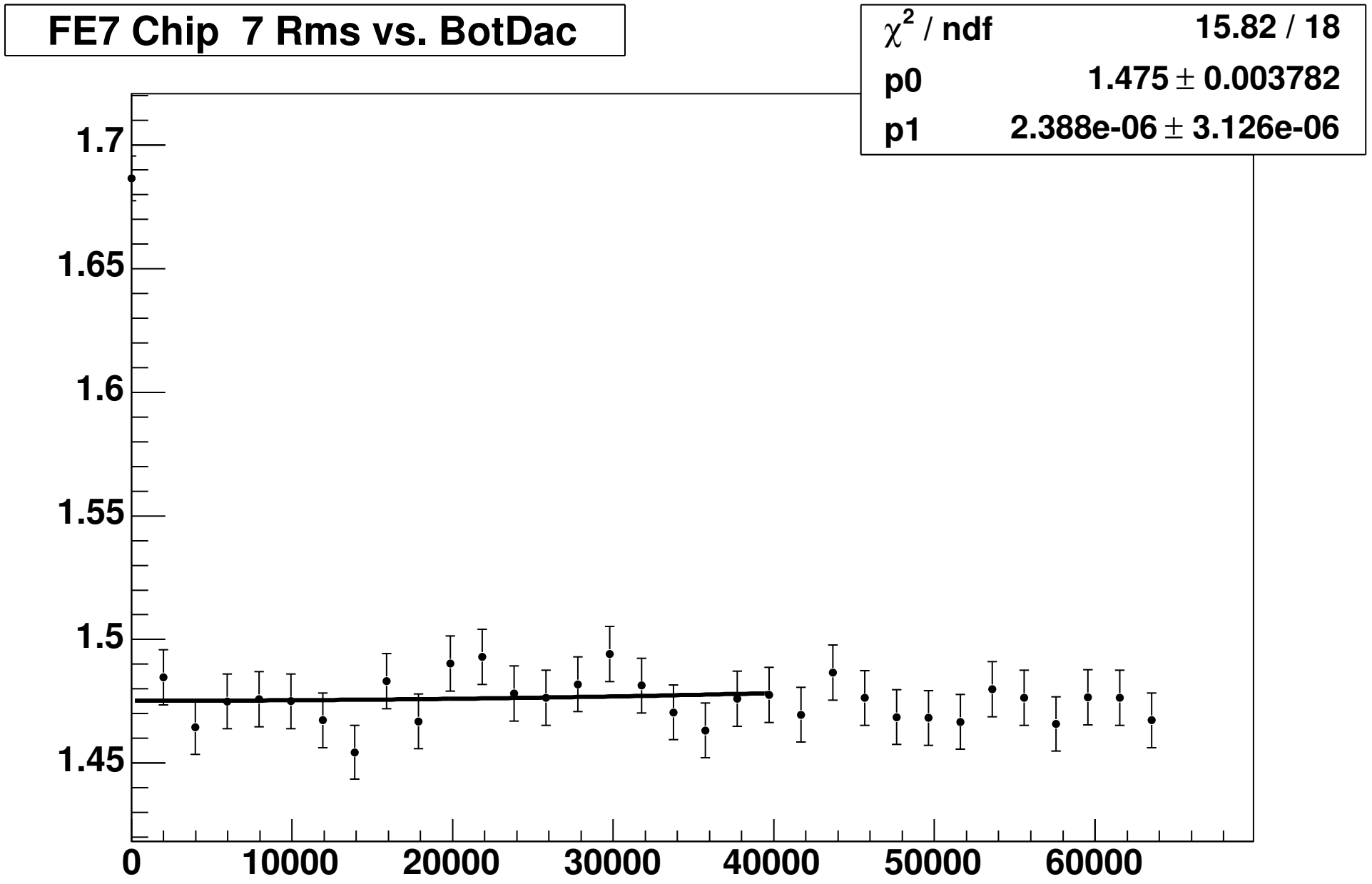
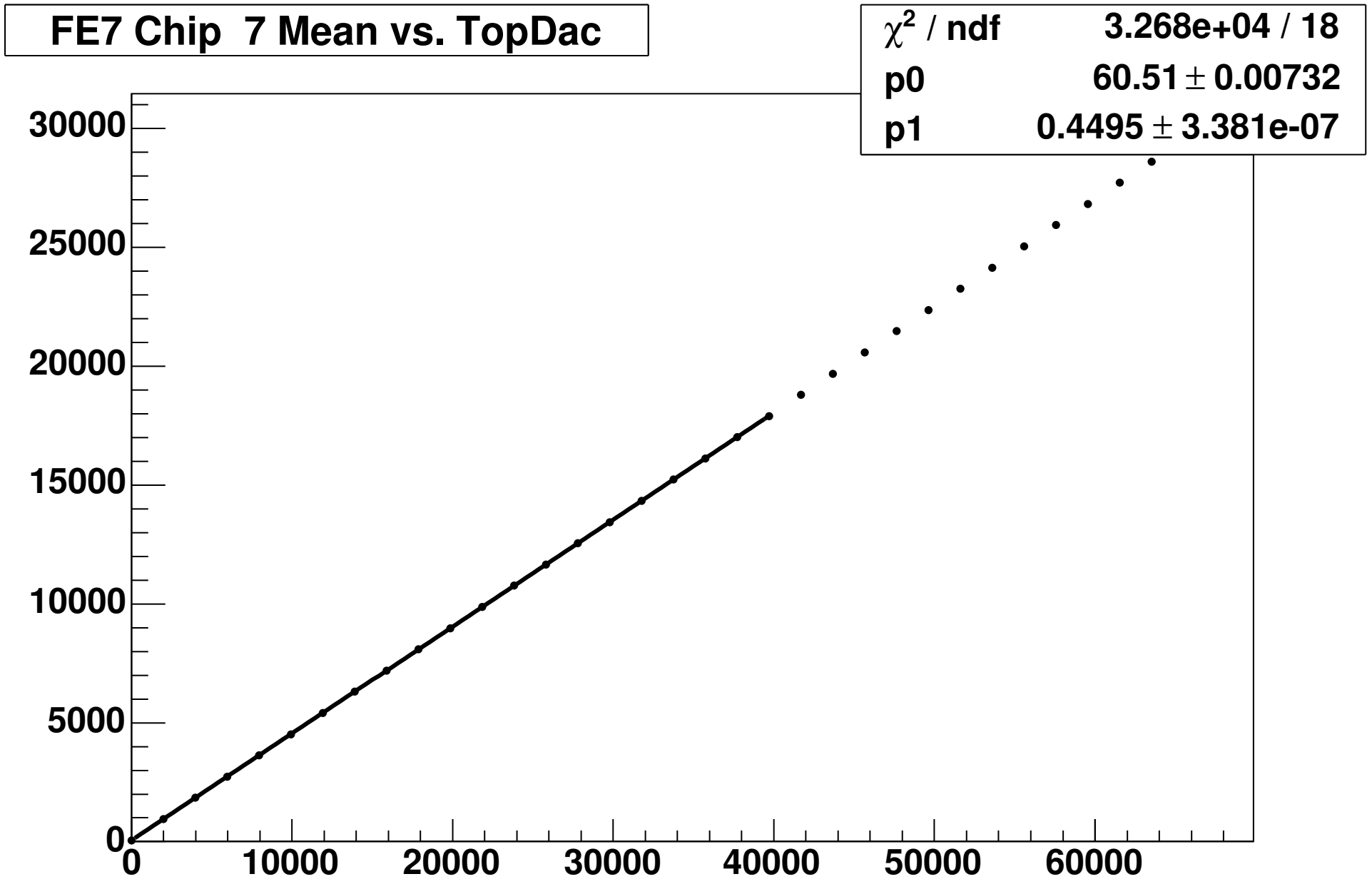

FE7 Chip 7 Rms vs. BotDac
χ² / ndf 15.82 / 18
p0 1.475 ± 0.003782
p1 2.388e-06 ± 3.126e-06
1.7
1.65
1.6
1.55
1.5
1.45
0
10000
20000
30000
40000
50000
60000


FE7 Chip 7 Mean vs. TopDac
χ² / ndf 3.268e+04 / 18
p0 60.51 ± 0.00732
p1 0.4495 ± 3.381e-07
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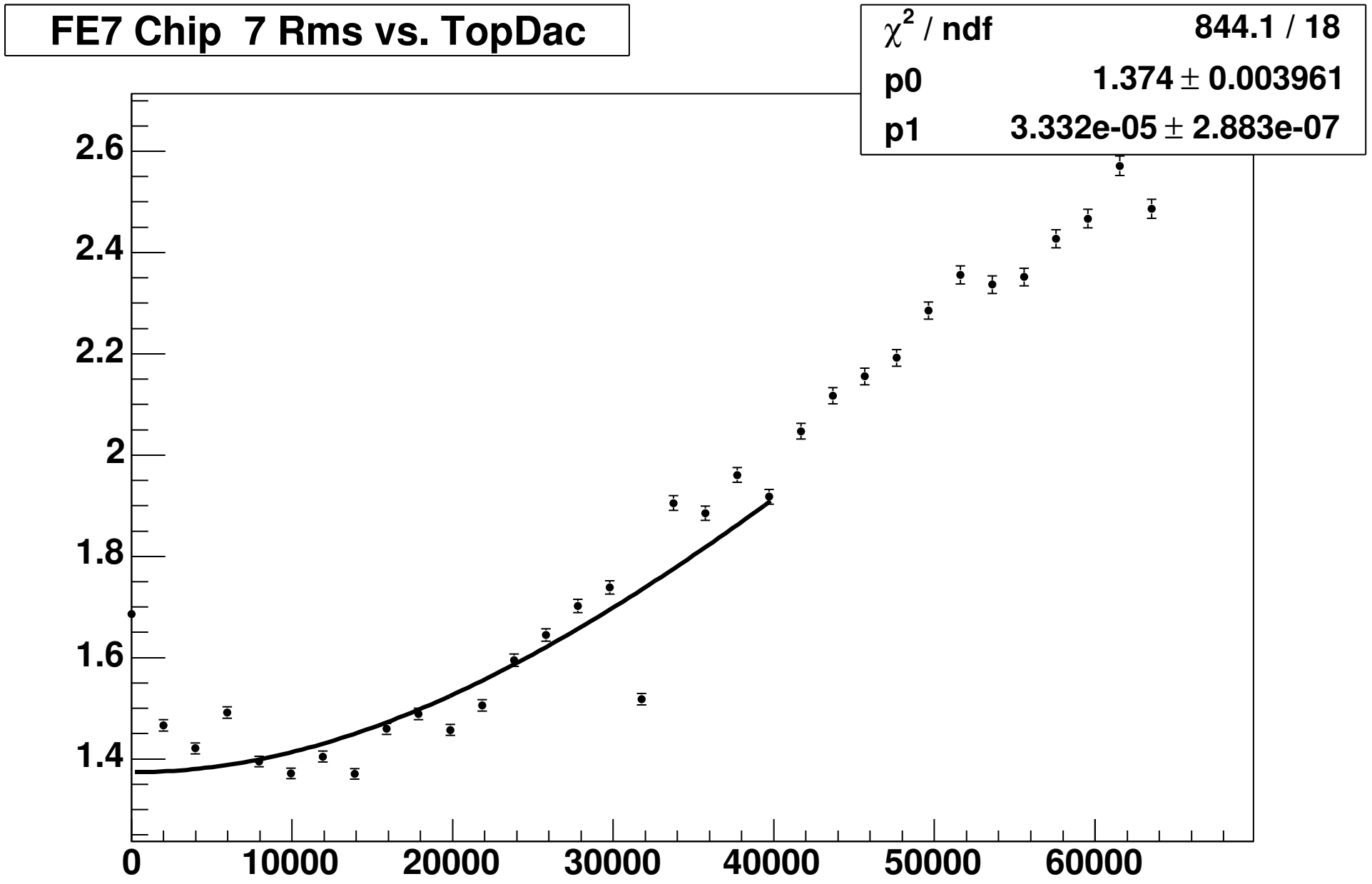
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 7 Rms vs. TopDac
χ² / ndf 844.1 / 18
p0 1.374 ± 0.003961
p1 3.332e-05 ± 2.883e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
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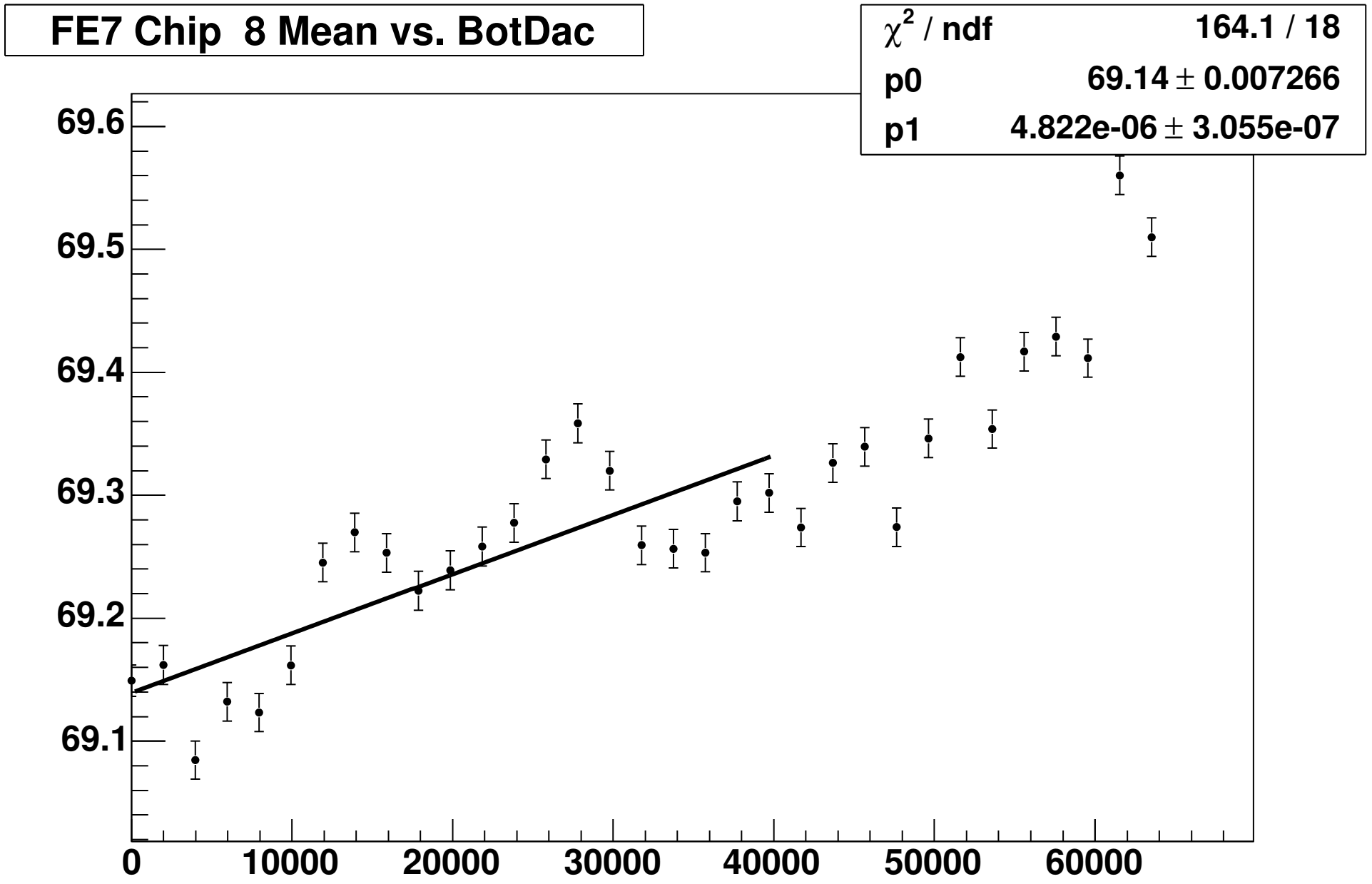
FE7 Chip 8 Mean vs. BotDac
χ² / ndf 164.1 / 18
p0 69.14 ± 0.007266
p1 4.822e-06 ± 3.055e-07
69.6
69.5
69.4
69.3
69.2
69.1
0
10000
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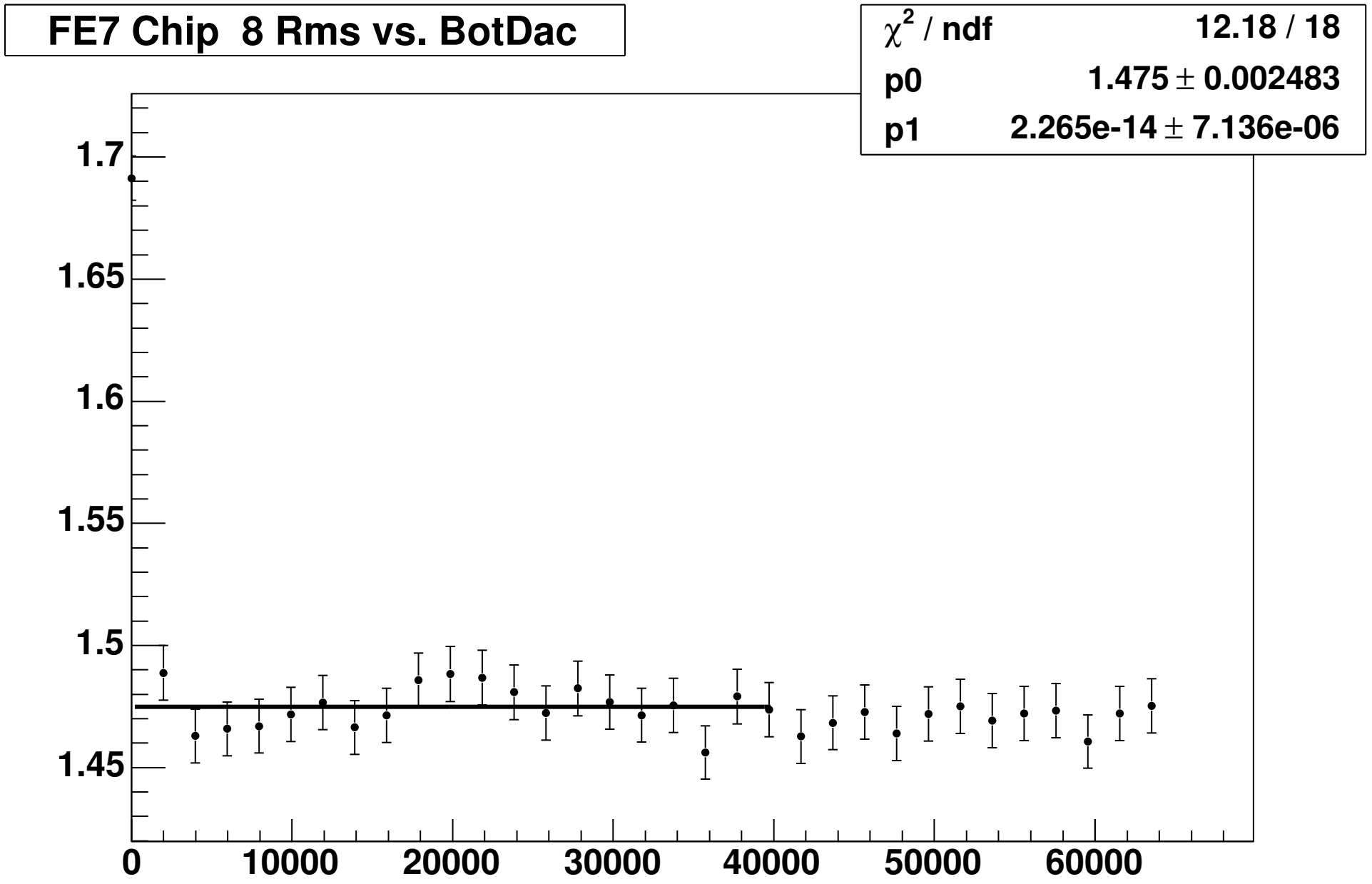
30000
40000
50000
60000


FE7 Chip 8 Rms vs. BotDac
χ² / ndf 12.18 / 18
p0 1.475 ± 0.002483
p1 2.265e-14 ± 7.136e-06
1.7
1.65
1.6
1.55
1.5
1.45
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10000
20000
30000
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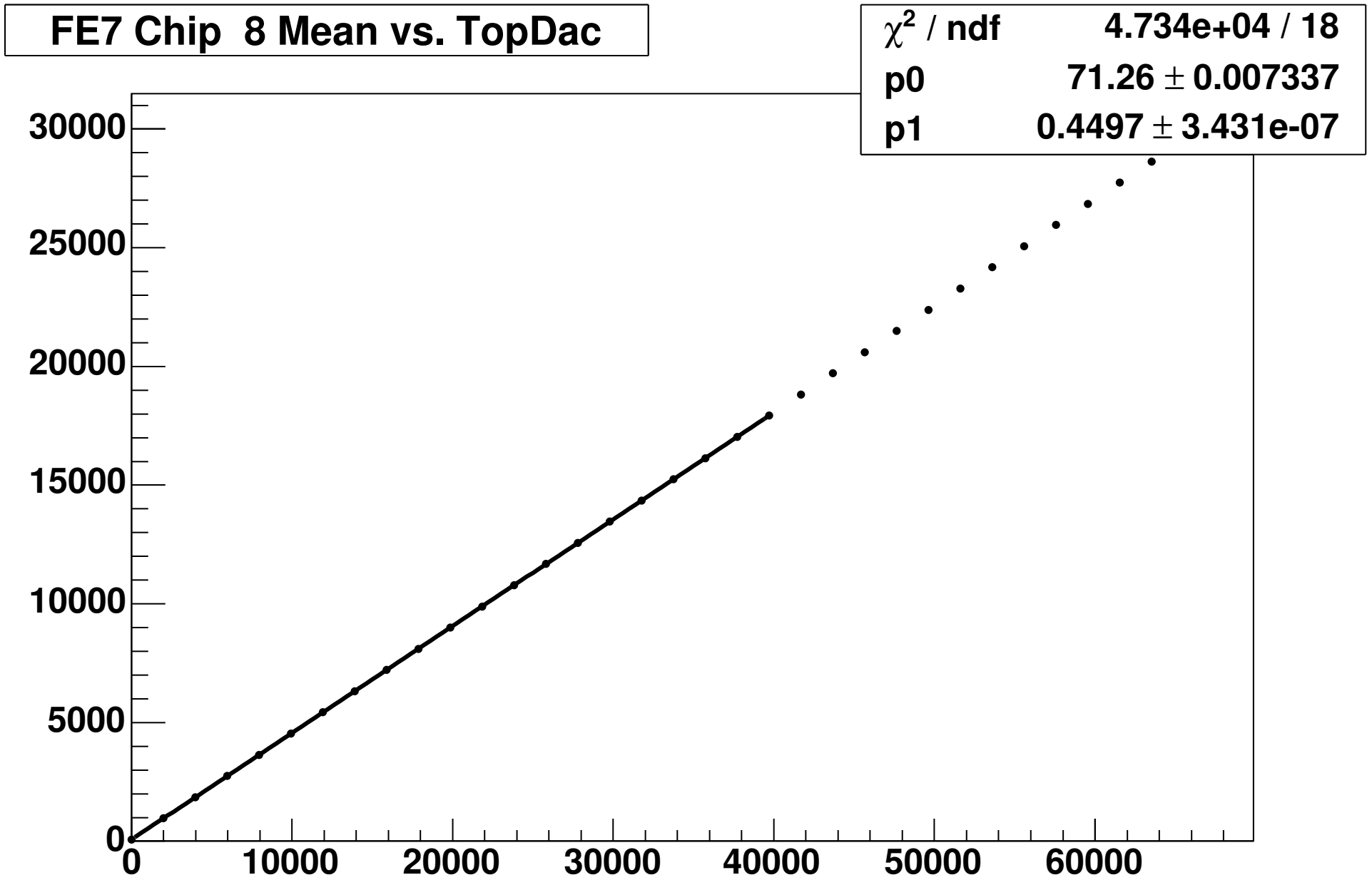
60000


FE7 Chip 8 Mean vs. TopDac
χ² / ndf 4.734e+04 / 18
p0 71.26 ± 0.007337
p1 0.4497 ± 3.431e-07
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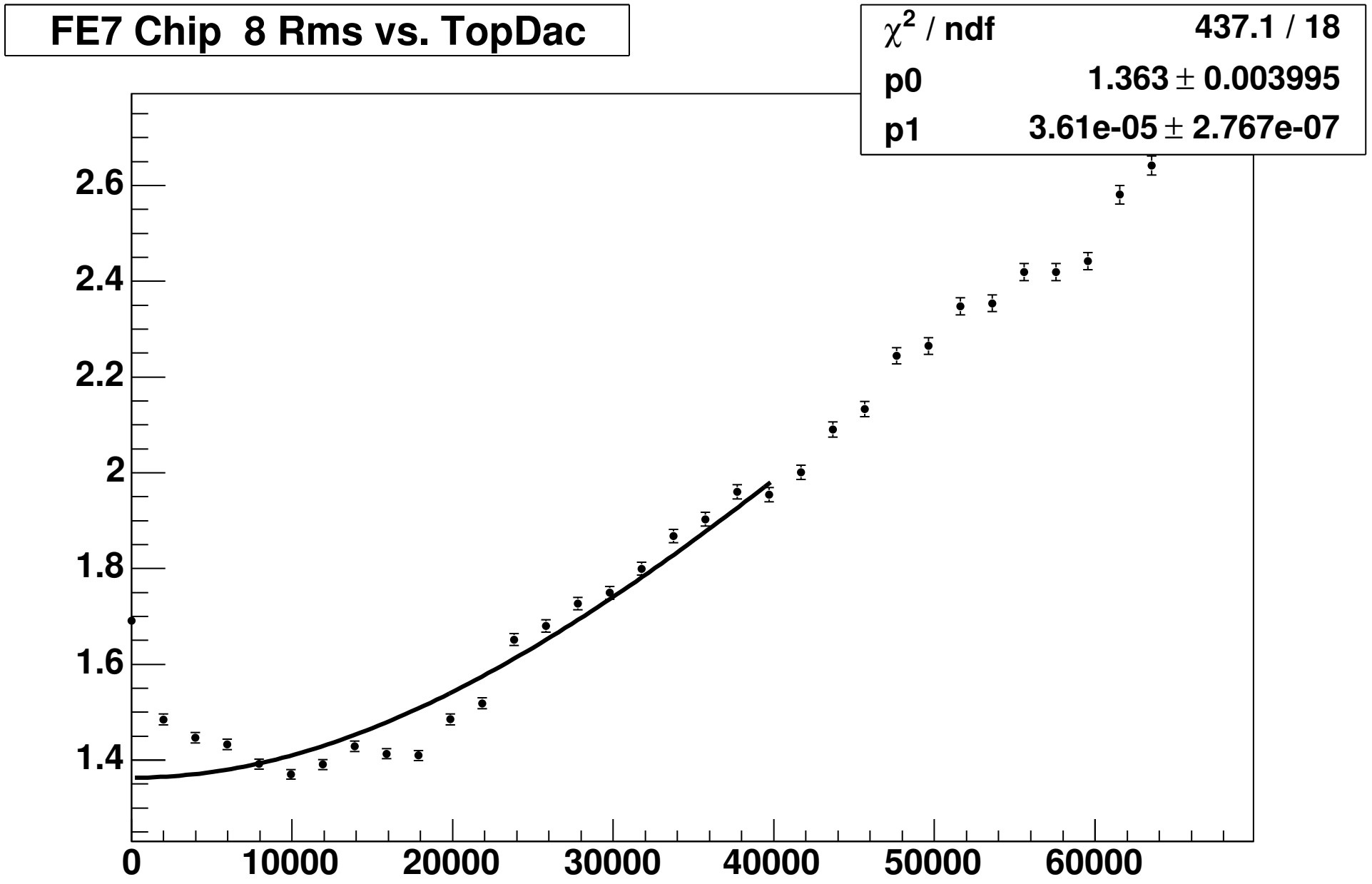
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 8 Rms vs. TopDac
χ² / ndf 437.1 / 18
p0 1.363 ± 0.003995
p1 3.61e-05 ± 2.767e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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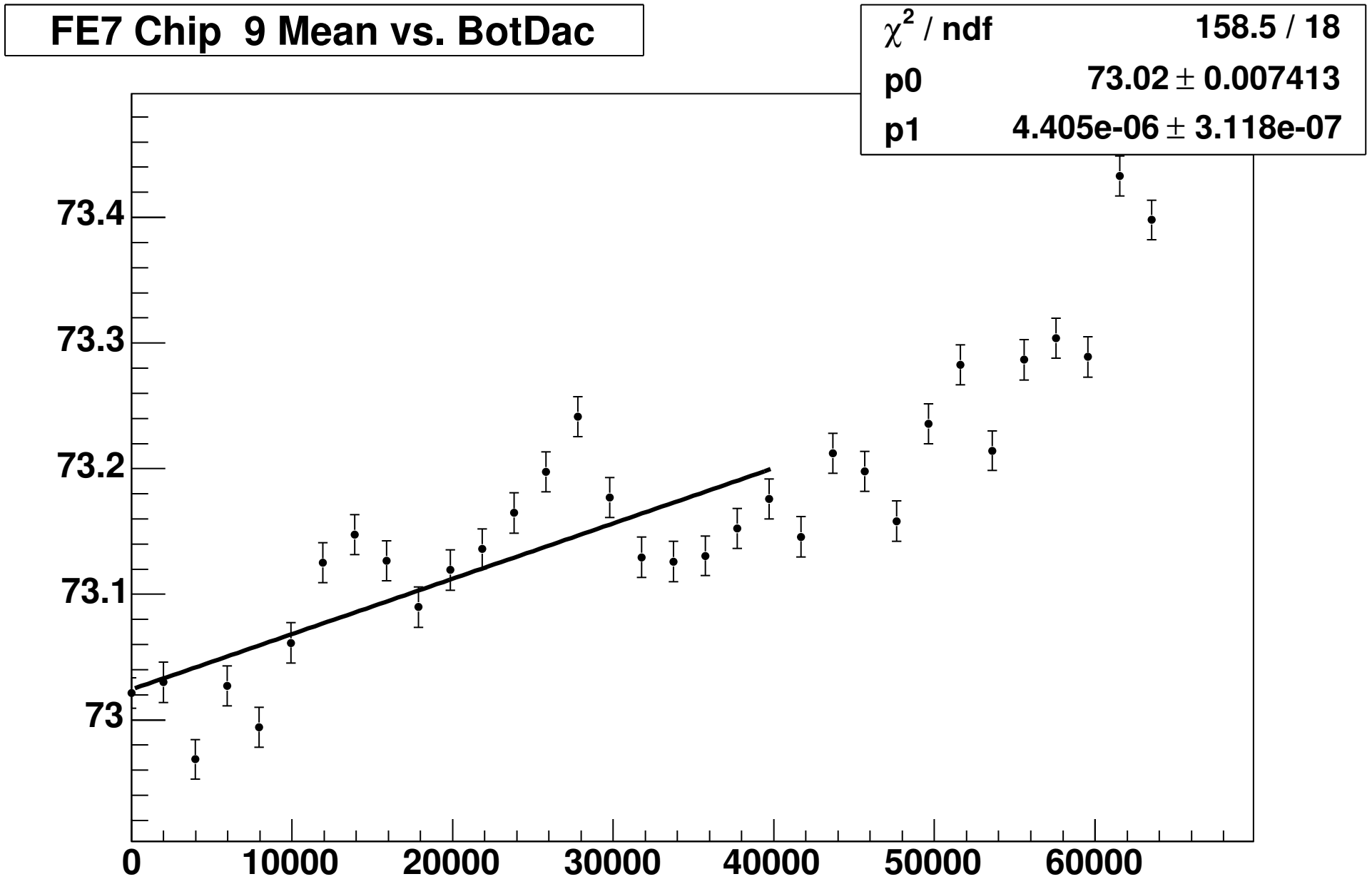
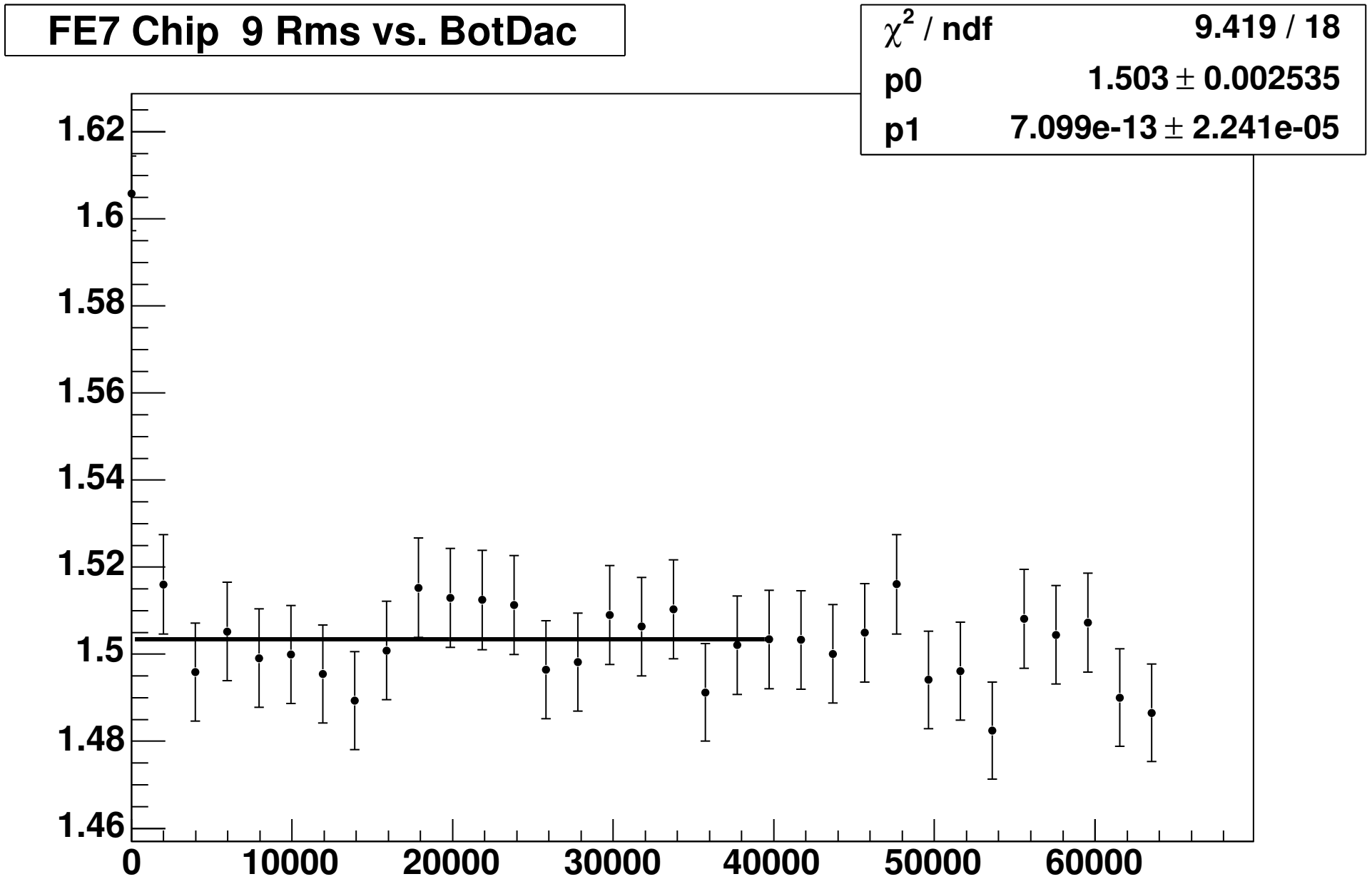
40000
50000
60000


FE7 Chip 9 Mean vs. BotDac
χ² / ndf 158.5 / 18
p0 73.02 ± 0.007413
p1 4.405e-06 ± 3.118e-07
73.4
73.3
73.2
73.1
73
0
10000
20000
30000
40000
50000
60000


FE7 Chip 9 Rms vs. BotDac
χ² / ndf 9.419 / 18
p0 1.503 ± 0.002535
p1 7.099e-13 ± 2.241e-05
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
0
10000
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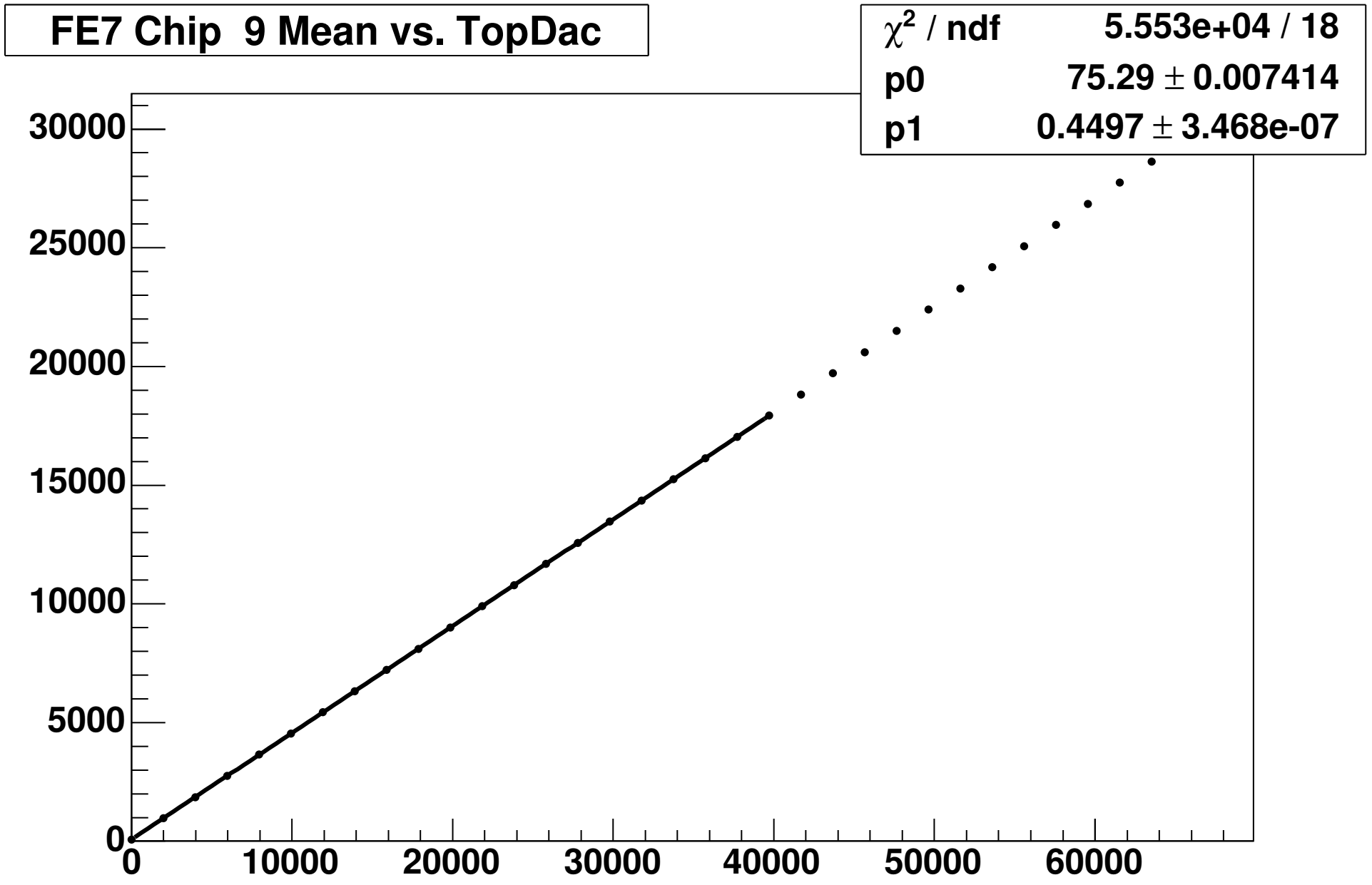
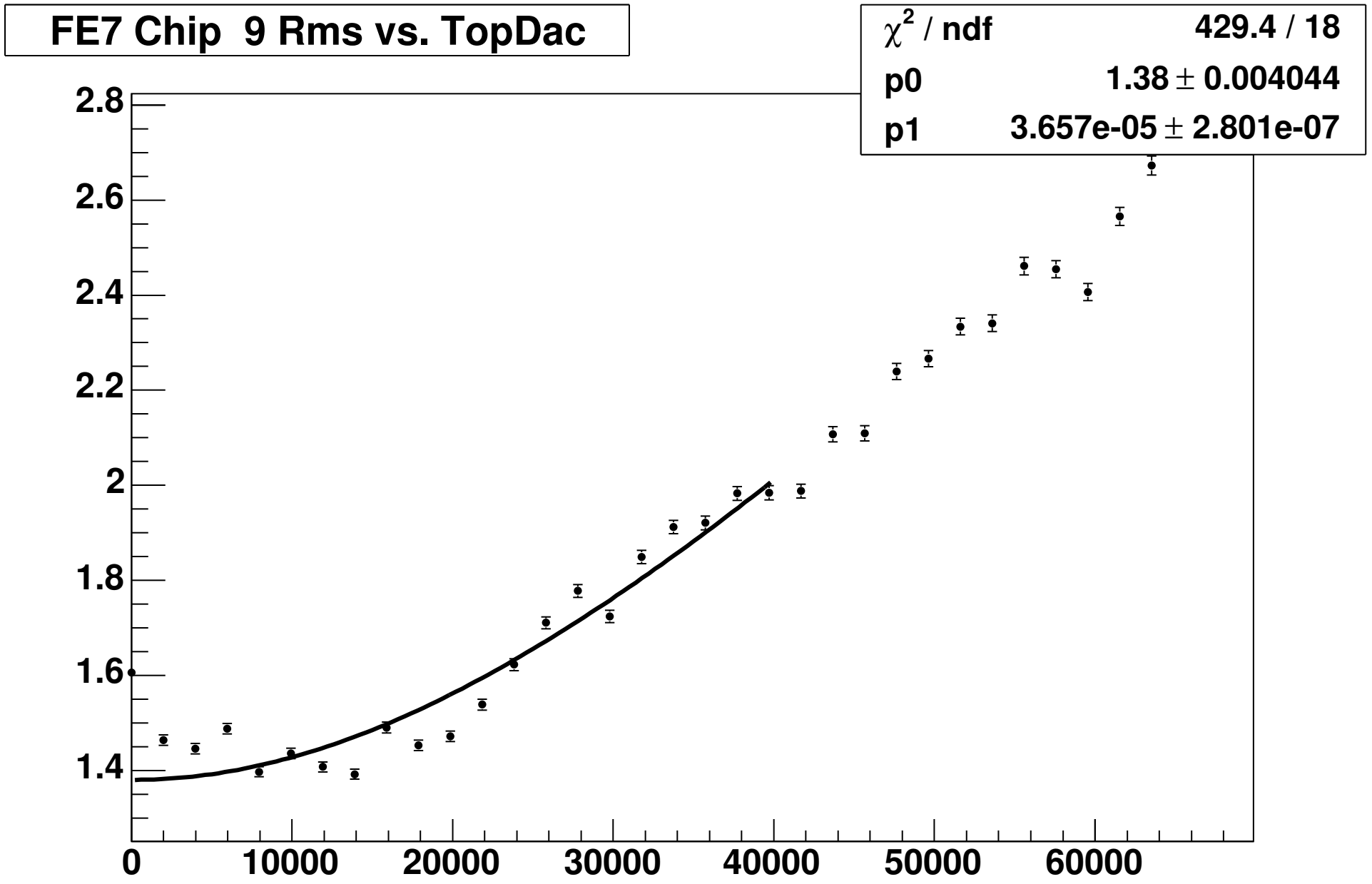

FE7 Chip 9 Mean vs. TopDac
χ² / ndf 5.553e+04 / 18
p0 75.29 ± 0.007414
p1 0.4497 ± 3.468e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000


FE7 Chip 9 Rms vs. TopDac
χ² / ndf 429.4 / 18
p0 1.38 ± 0.004044
p1 3.657e-05 ± 2.801e-07
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
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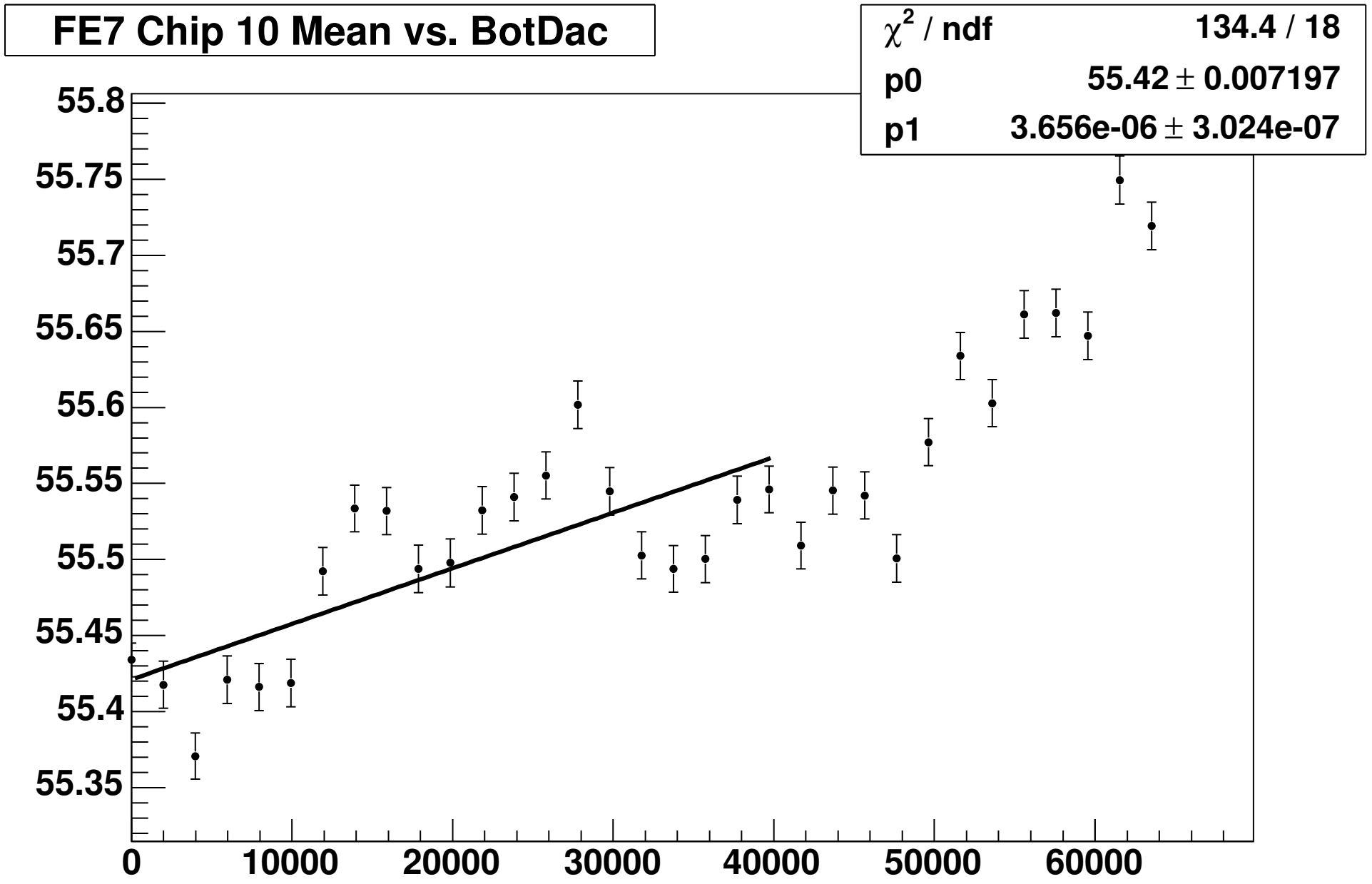
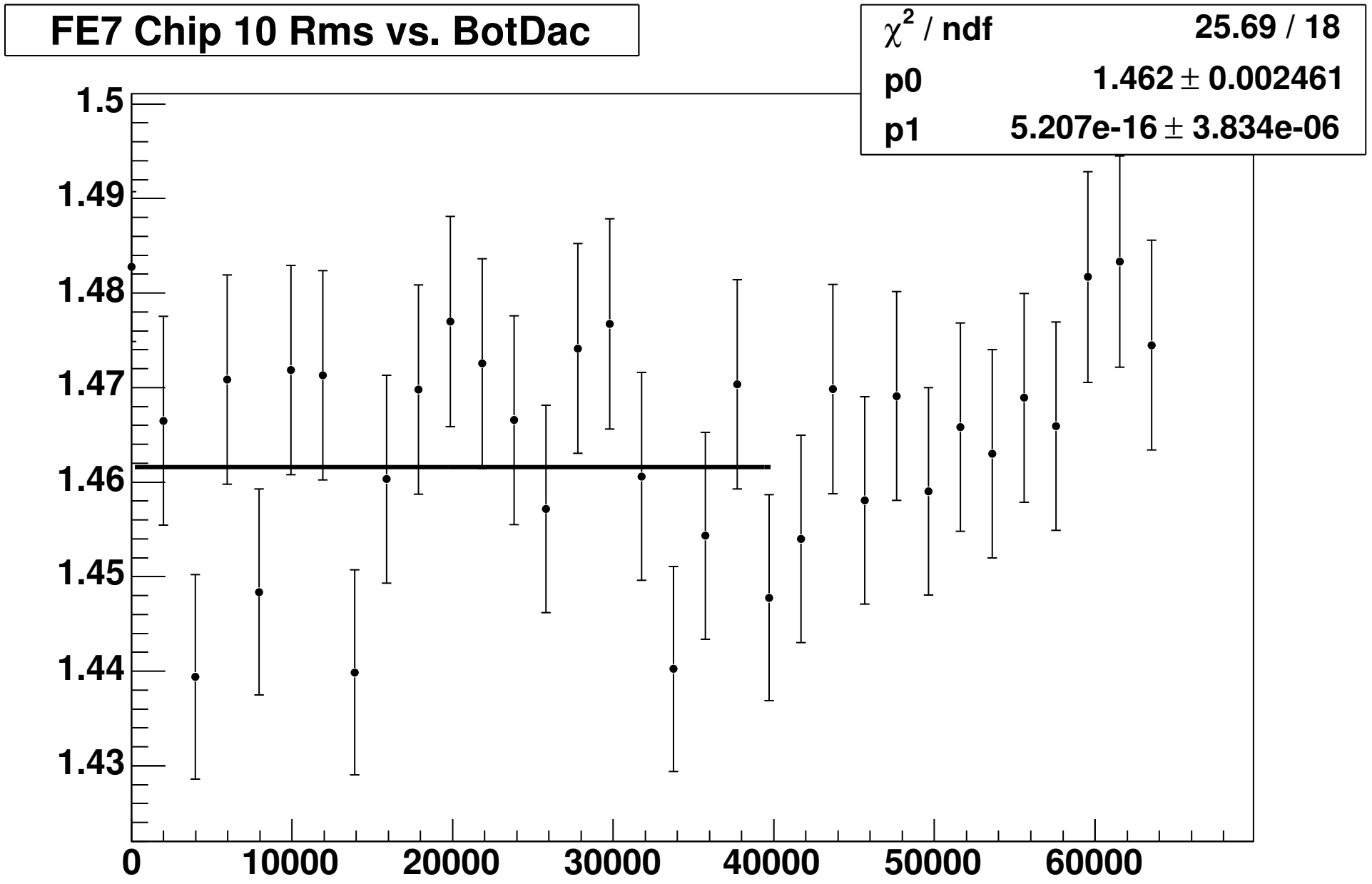
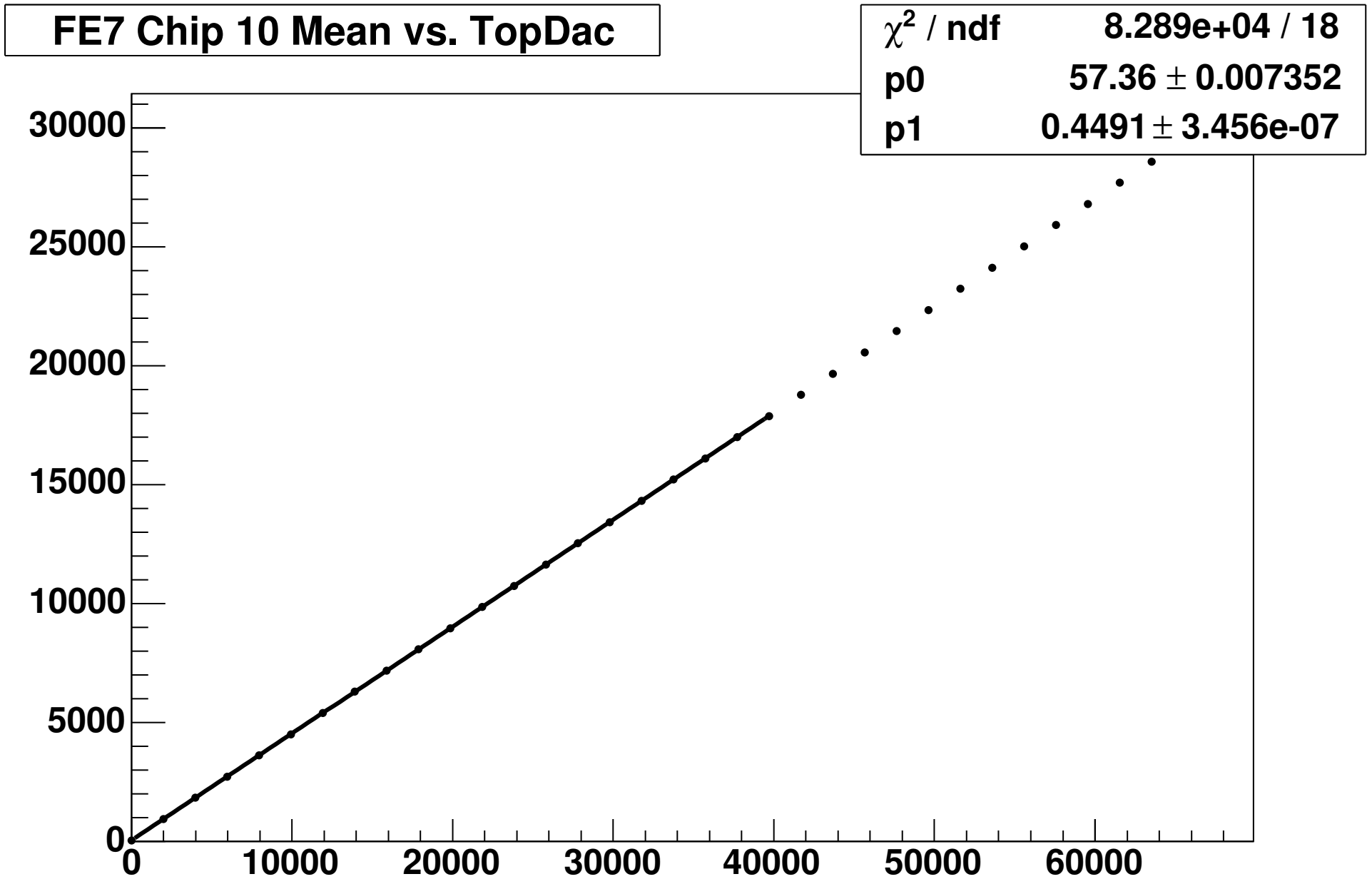
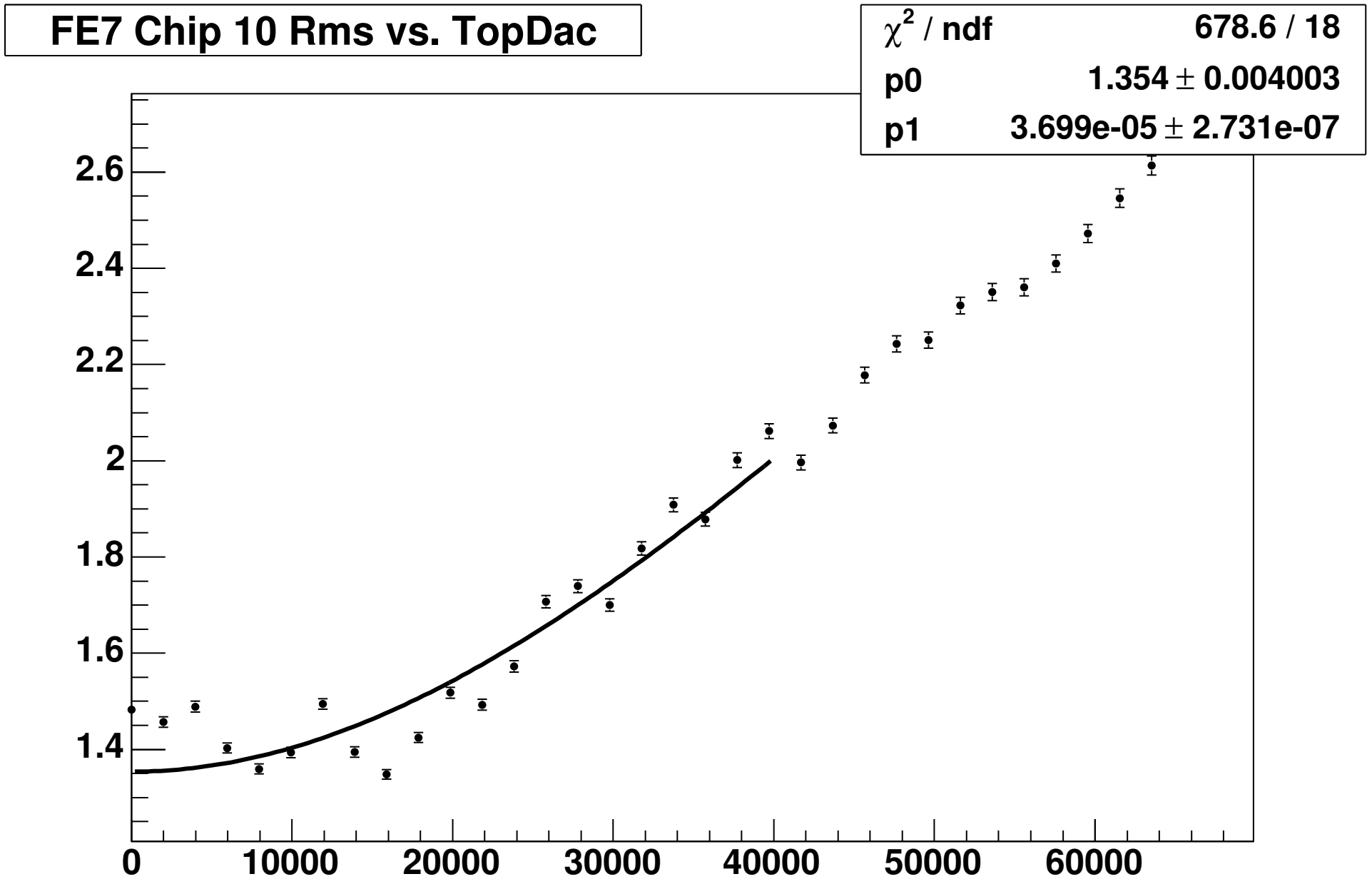
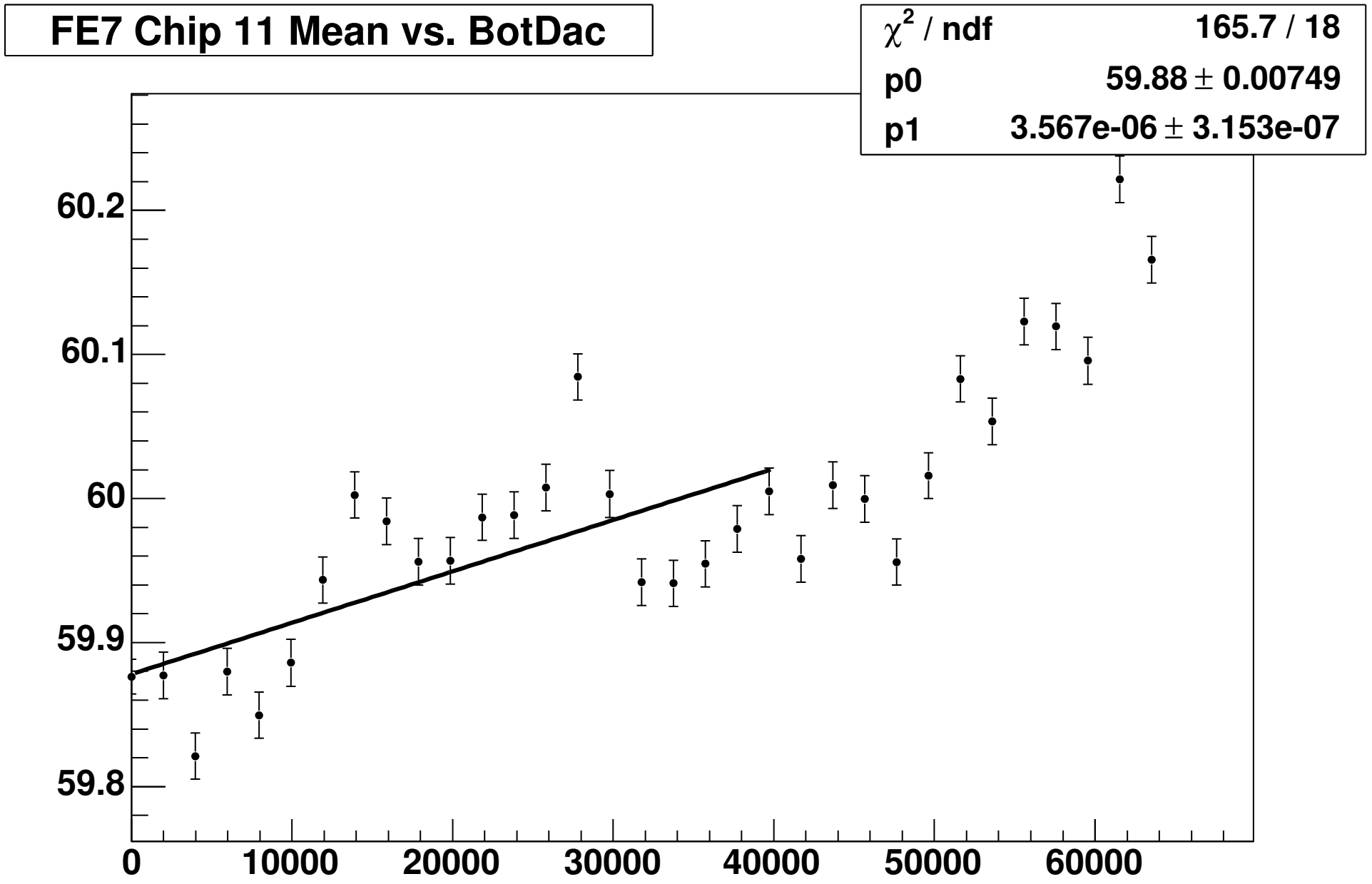
30000
40000
50000
60000

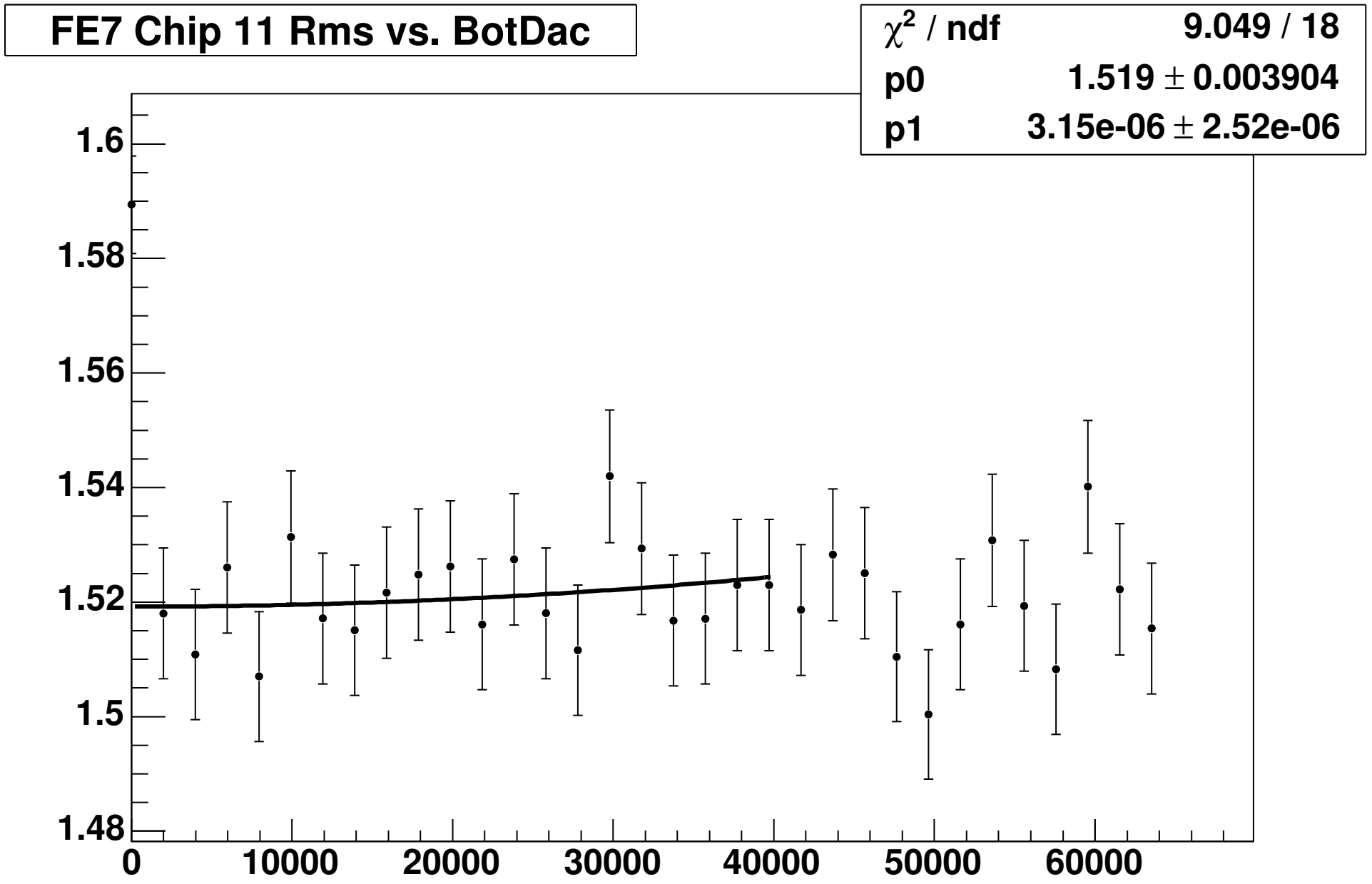

FE7 Chip 10 Mean vs. BotDac
χ² / ndf 134.4 / 18
p0 55.42 ± 0.007197
p1 3.656e-06 ± 3.024e-07
55.8
55.75
55.7
55.65
55.6
55.55
55.5
55.45
55.4
55.35
0
10000
20000
30000
40000
50000
60000

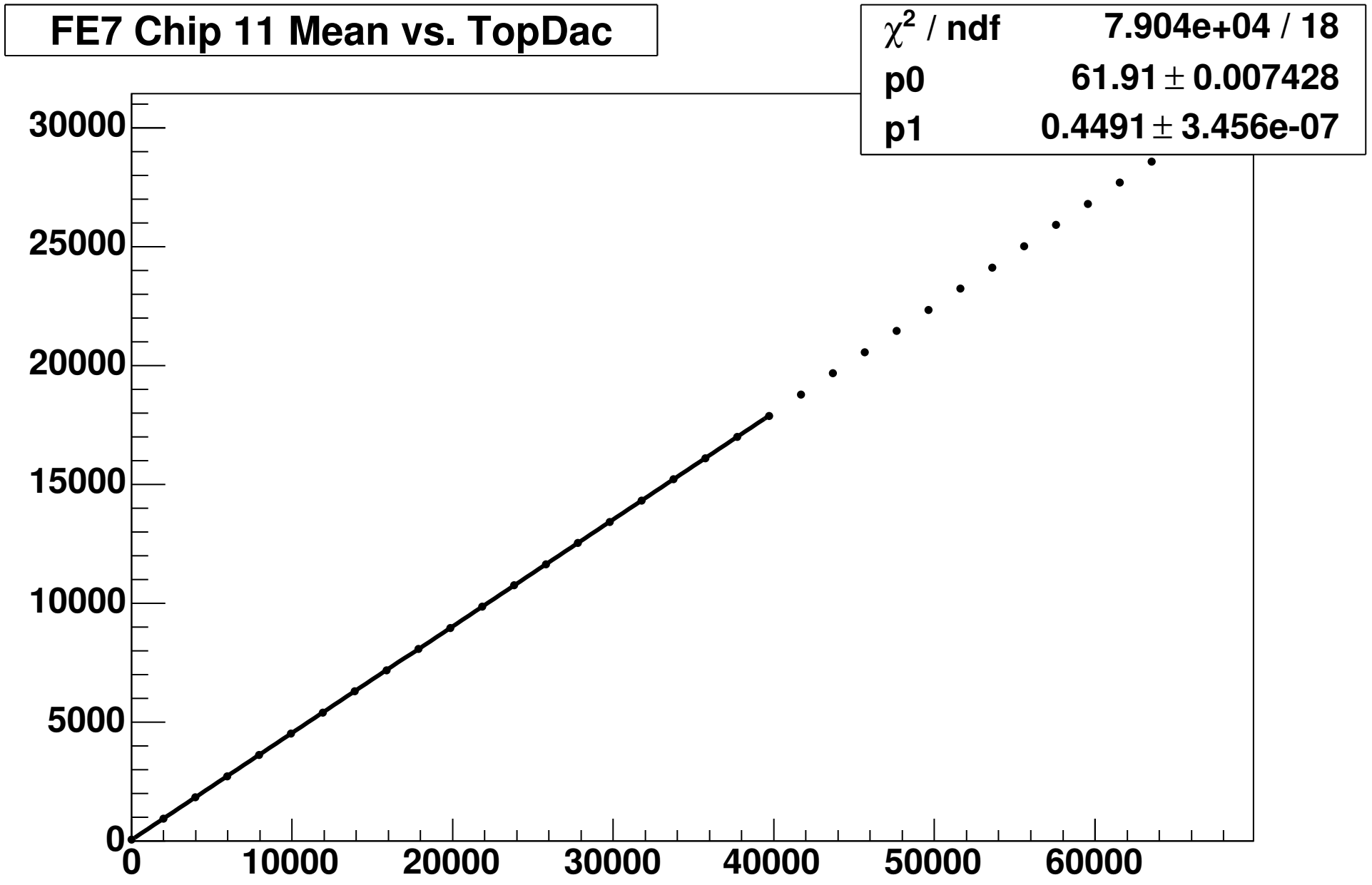

FE7 Chip 10 Rms vs. BotDac
χ² / ndf 25.69 / 18
p0 1.462 ± 0.002461
p1 5.207e-16 ± 3.834e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
10000
20000
30000
40000
50000
60000

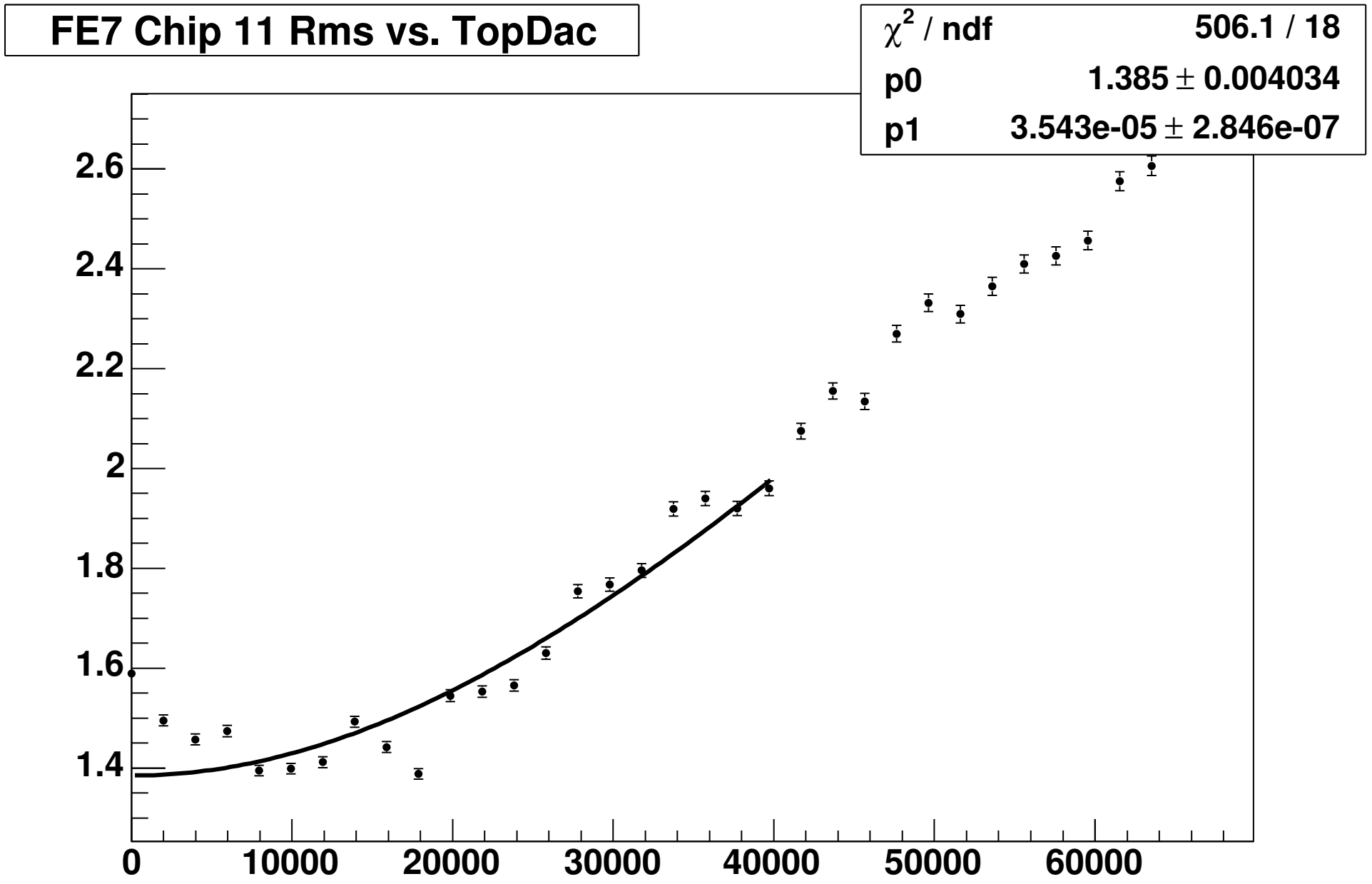

FE7 Chip 10 Mean vs. TopDac
χ² / ndf 8.289e+04 / 18
p0 57.36 ± 0.007352
p1 0.4491 ± 3.456e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000

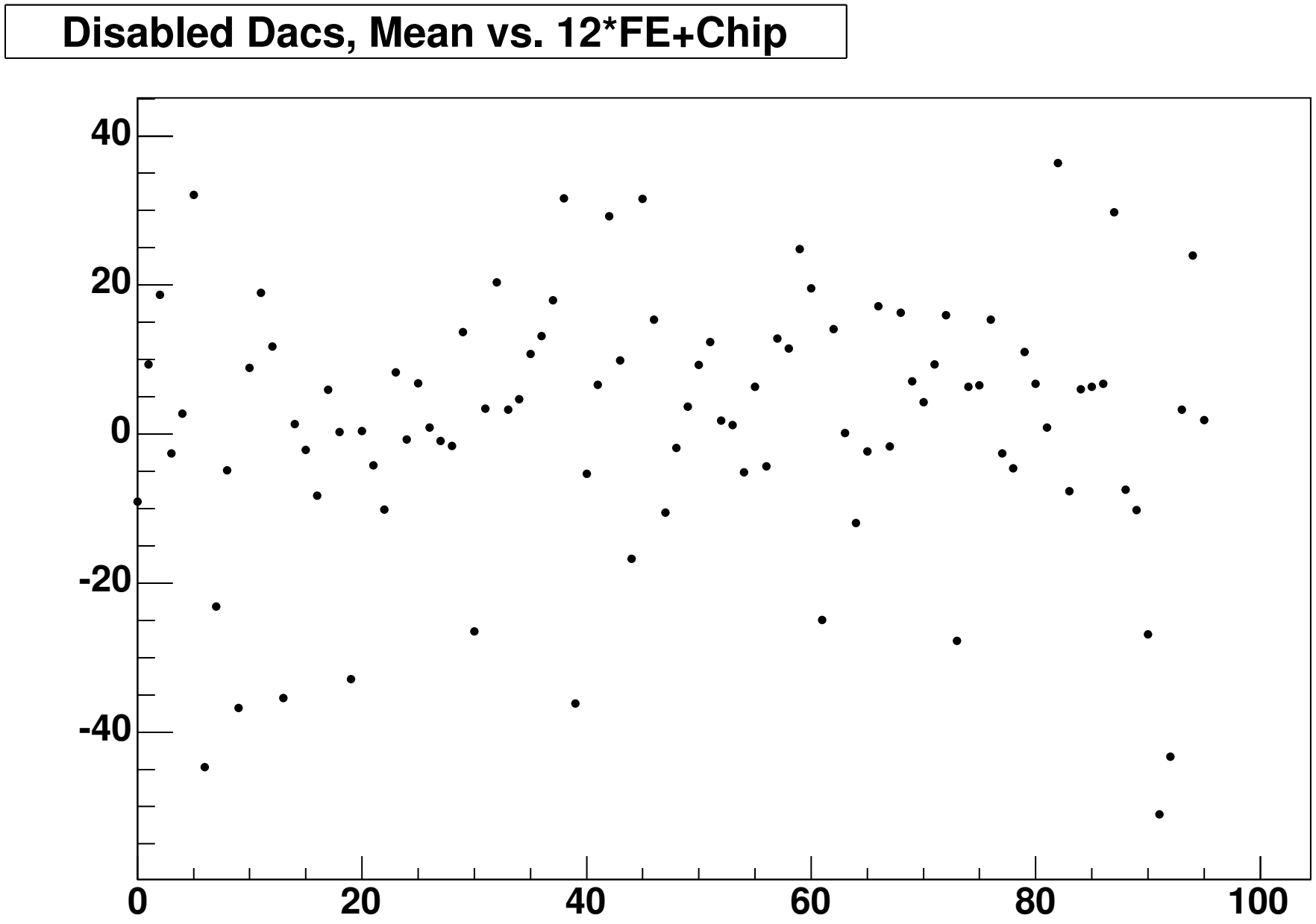

FE7 Chip 10 Rms vs. TopDac
χ² / ndf 678.6 / 18
p0 1.354 ± 0.004003
p1 3.699e-05 ± 2.731e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000

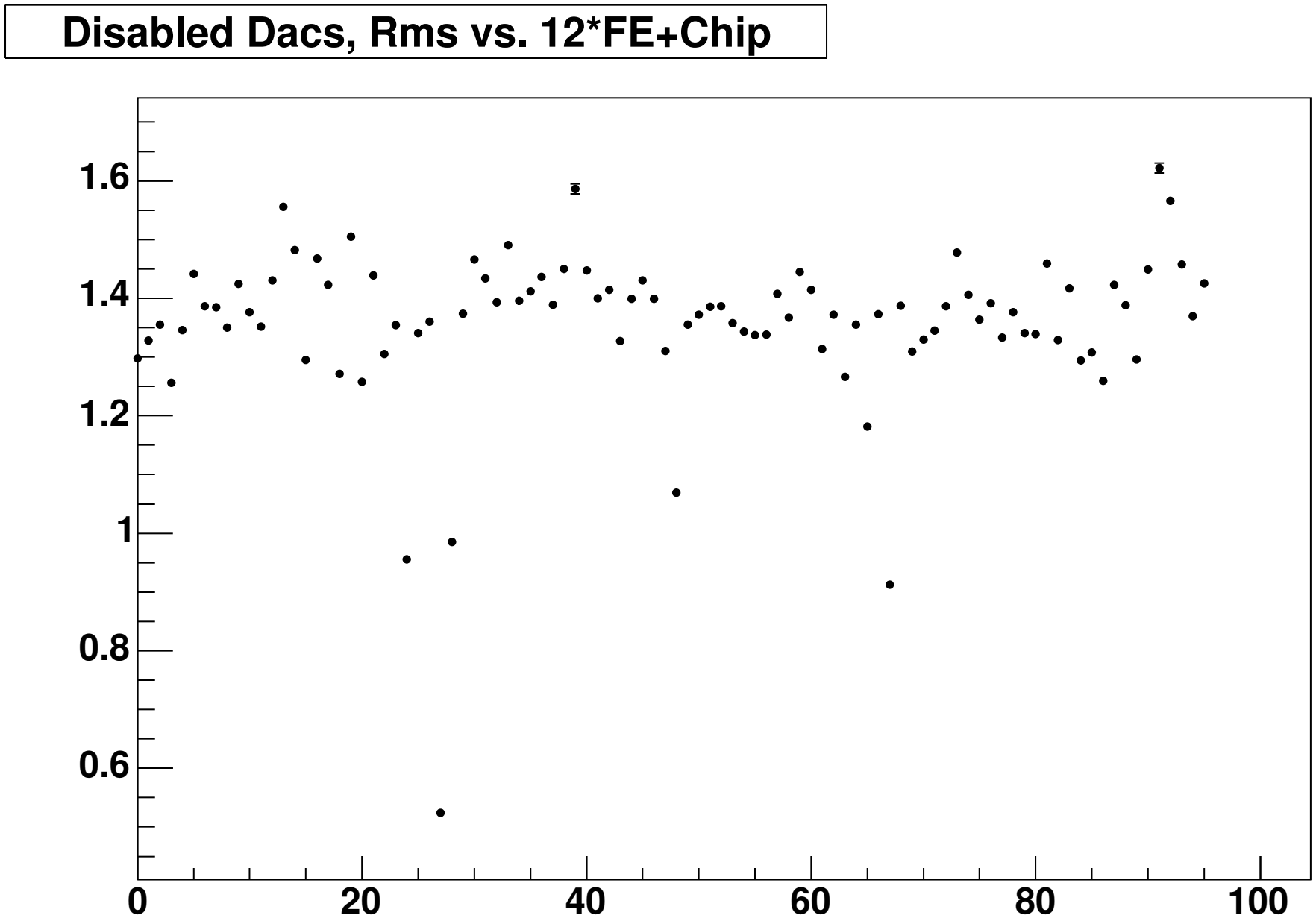

FE7 Chip 11 Mean vs. BotDac
χ² / ndf 165.7 / 18
p0 59.88 ± 0.00749
p1 3.567e-06 ± 3.153e-07
60.2
60.1
60
59.9
59.8
0
10000
20000
30000
40000
50000
60000

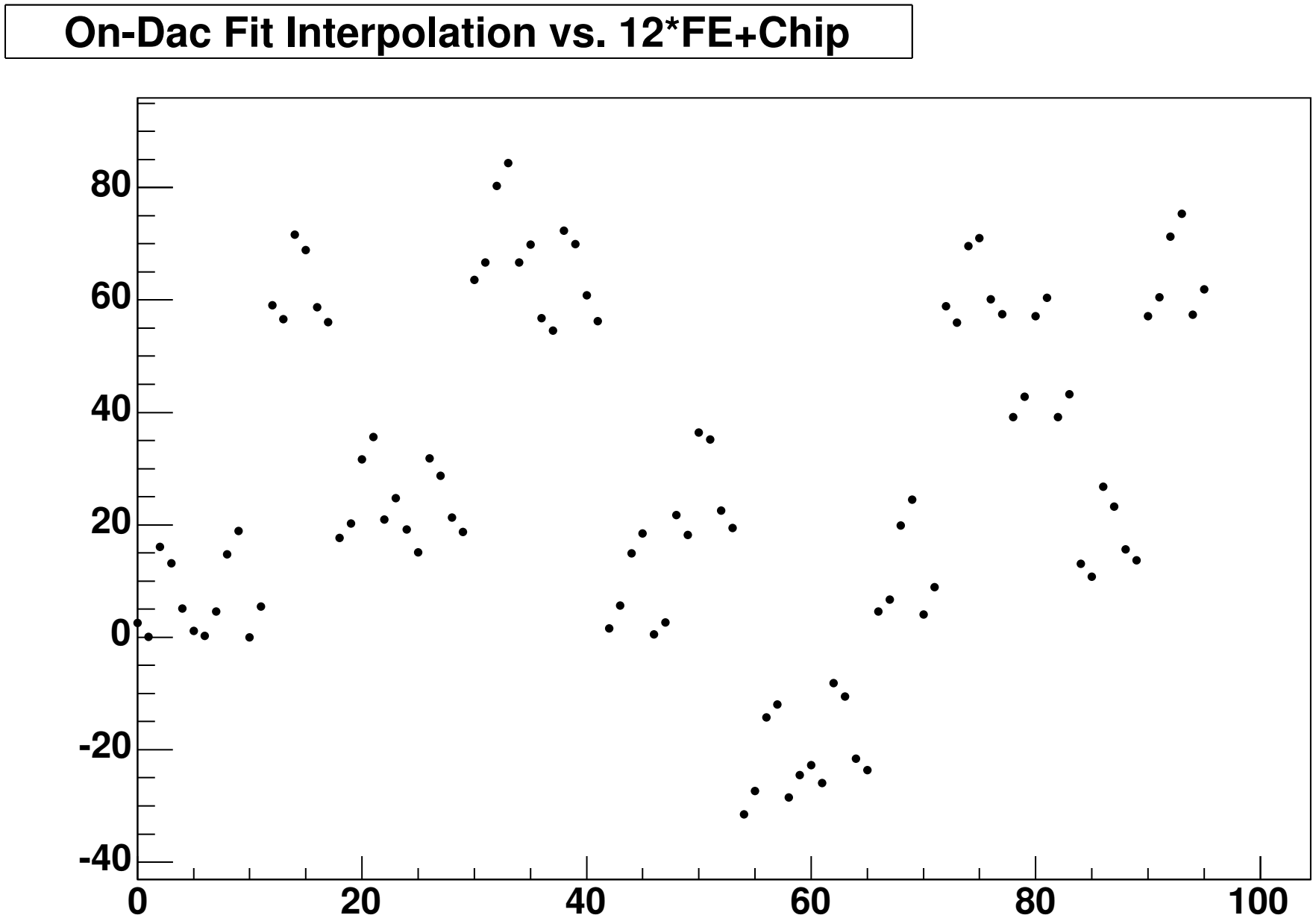

FE7 Chip 11 Rms vs. BotDac
χ² / ndf 9.049 / 18
p0 1.519 ± 0.003904
p1 3.15e-06 ± 2.52e-06
1.6
1.58
1.56
1.54
1.52
1.5
1.48
0
10000
20000
30000
40000
50000
60000

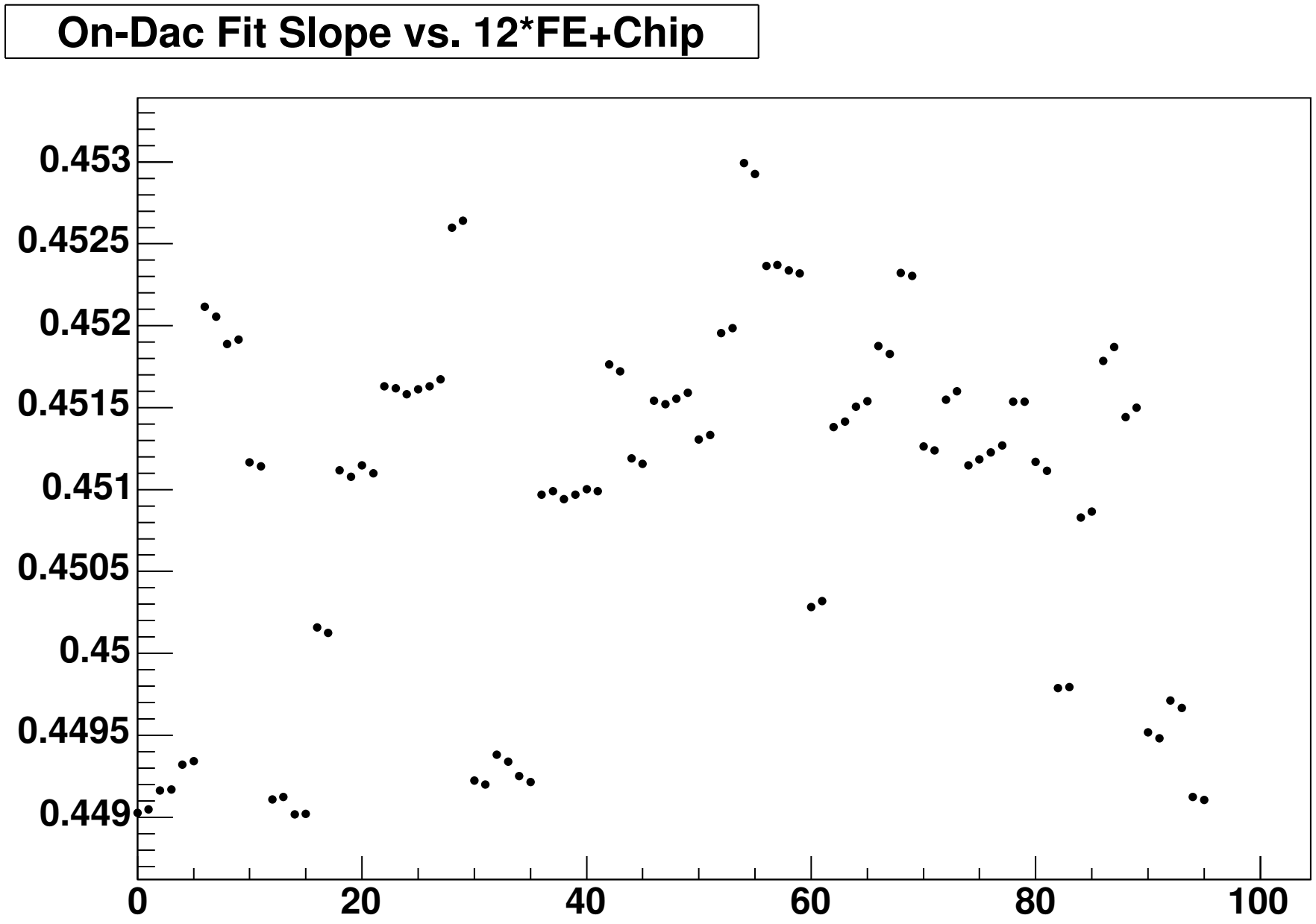

FE7 Chip 11 Mean vs. TopDac
χ² / ndf 7.904e+04 / 18
p0 61.91 ± 0.007428
p1 0.4491 ± 3.456e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000

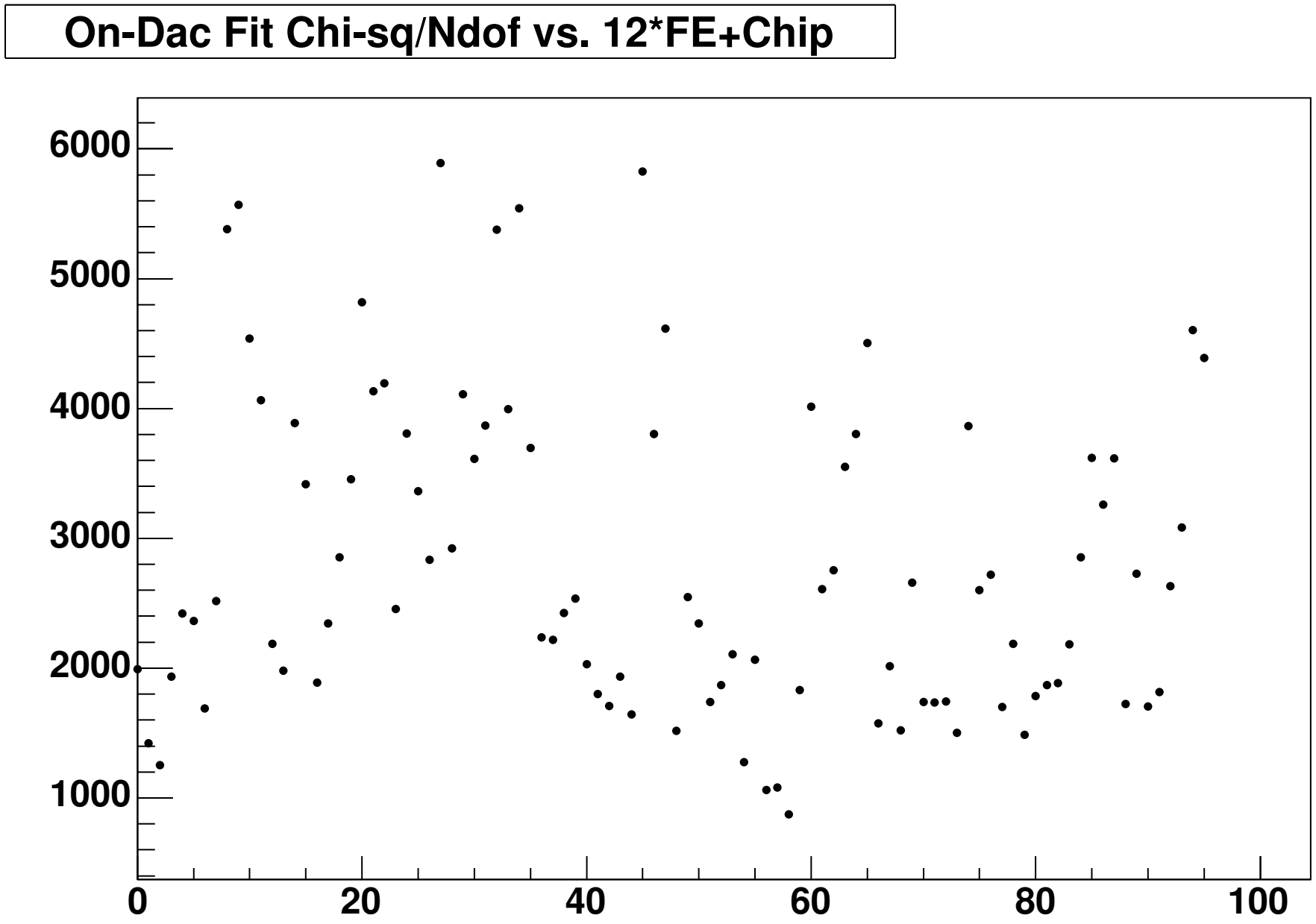

FE7 Chip 11 Rms vs. TopDac
χ² / ndf 506.1 / 18
p0 1.385 ± 0.004034
p1 3.543e-05 ± 2.846e-07
2.6
2.4
2.2
2
1.8
1.6
1.4
0
10000
20000
30000
40000
50000
60000

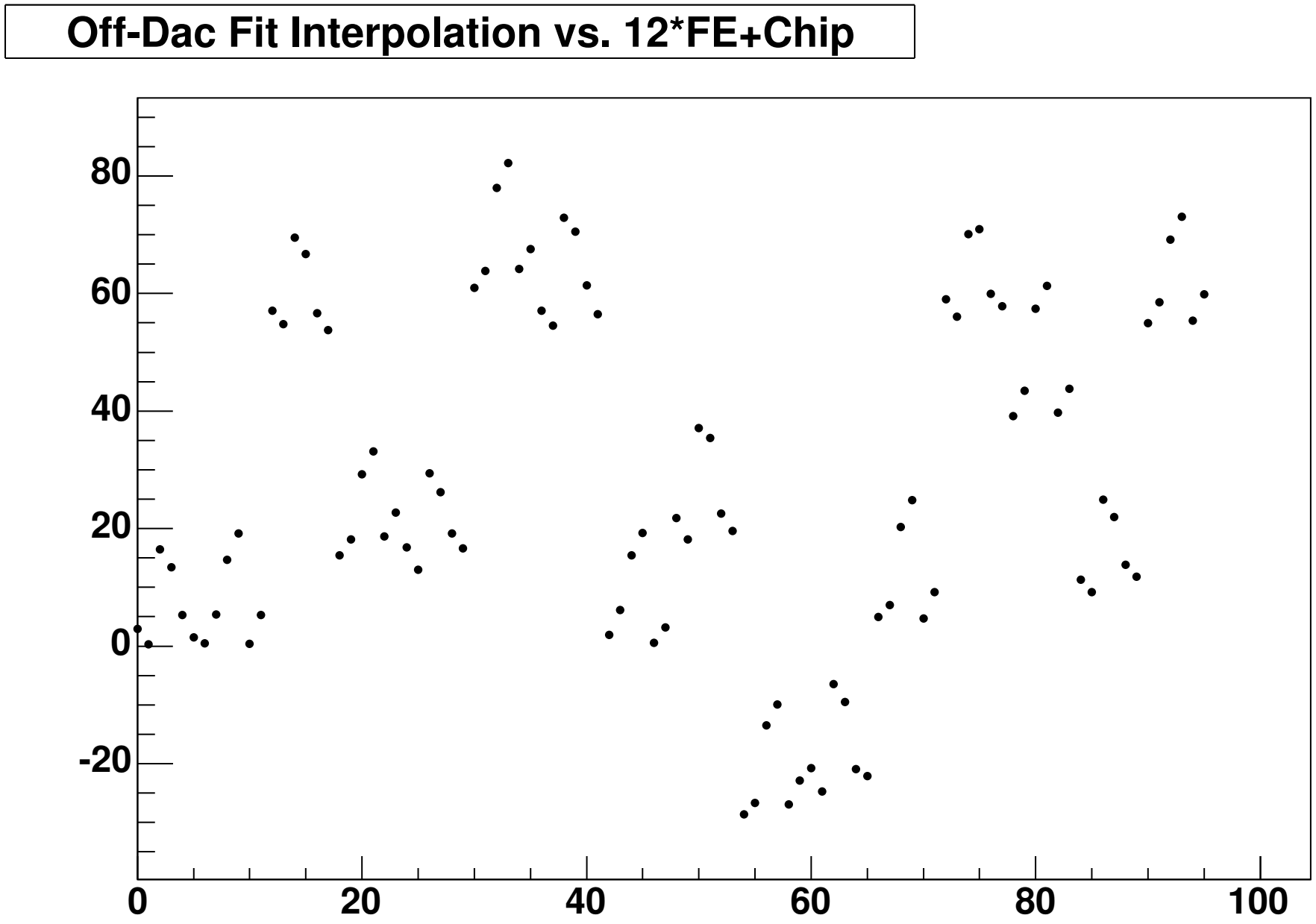

Disabled Dacs, Mean vs. 12*FE+Chip
40
20
0
-20
-40
0
20
40
60
80
100

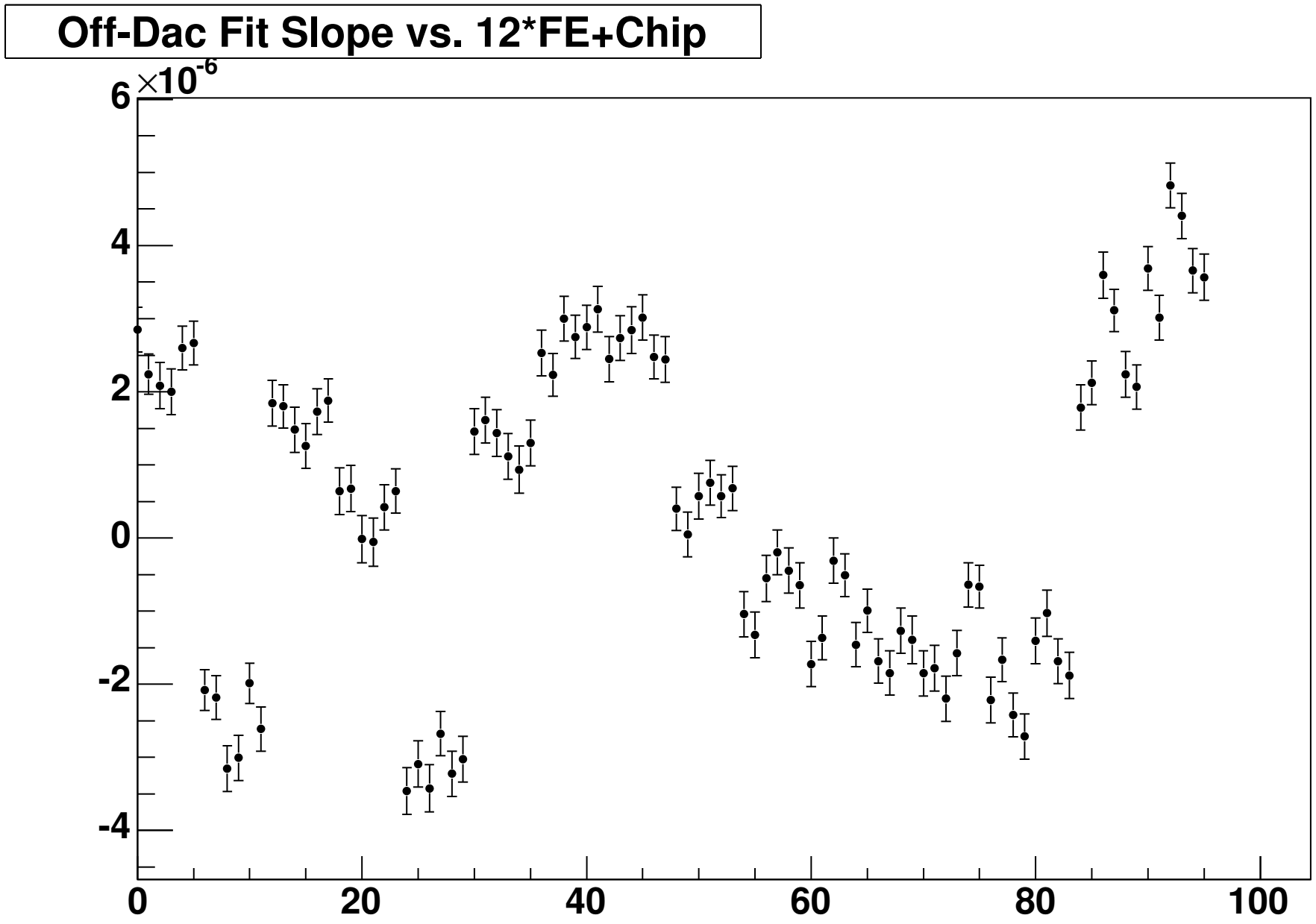

Disabled Dacs, Rms vs. 12*FE+Chip
1.6
1.4
1.2
1
0.8
0.6
0
20
40
60
80
100

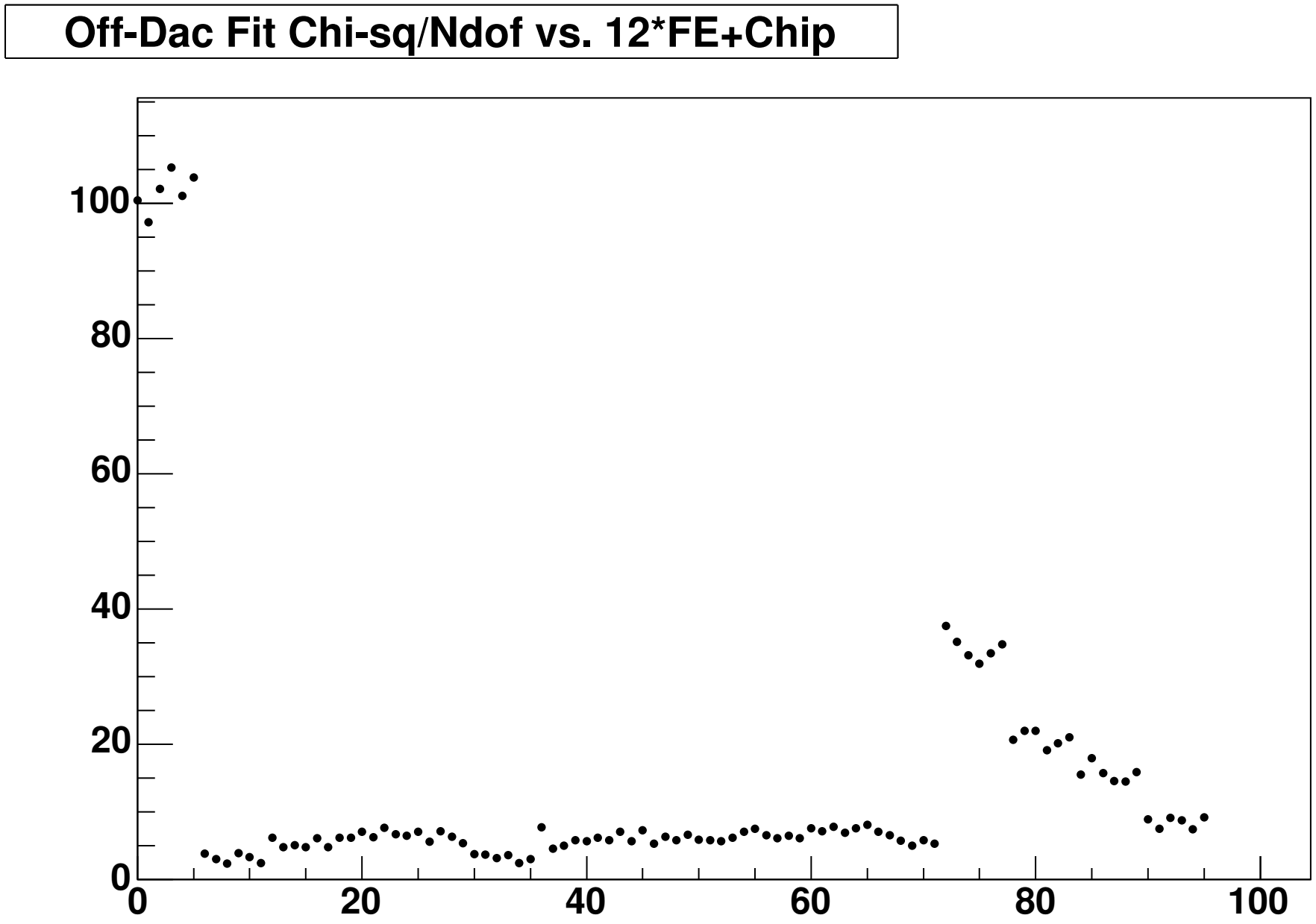

On-Dac Fit Interpolation vs. 12*FE+Chip
80
60
40
20
0
-20
-40
0
20
40
60
80
100

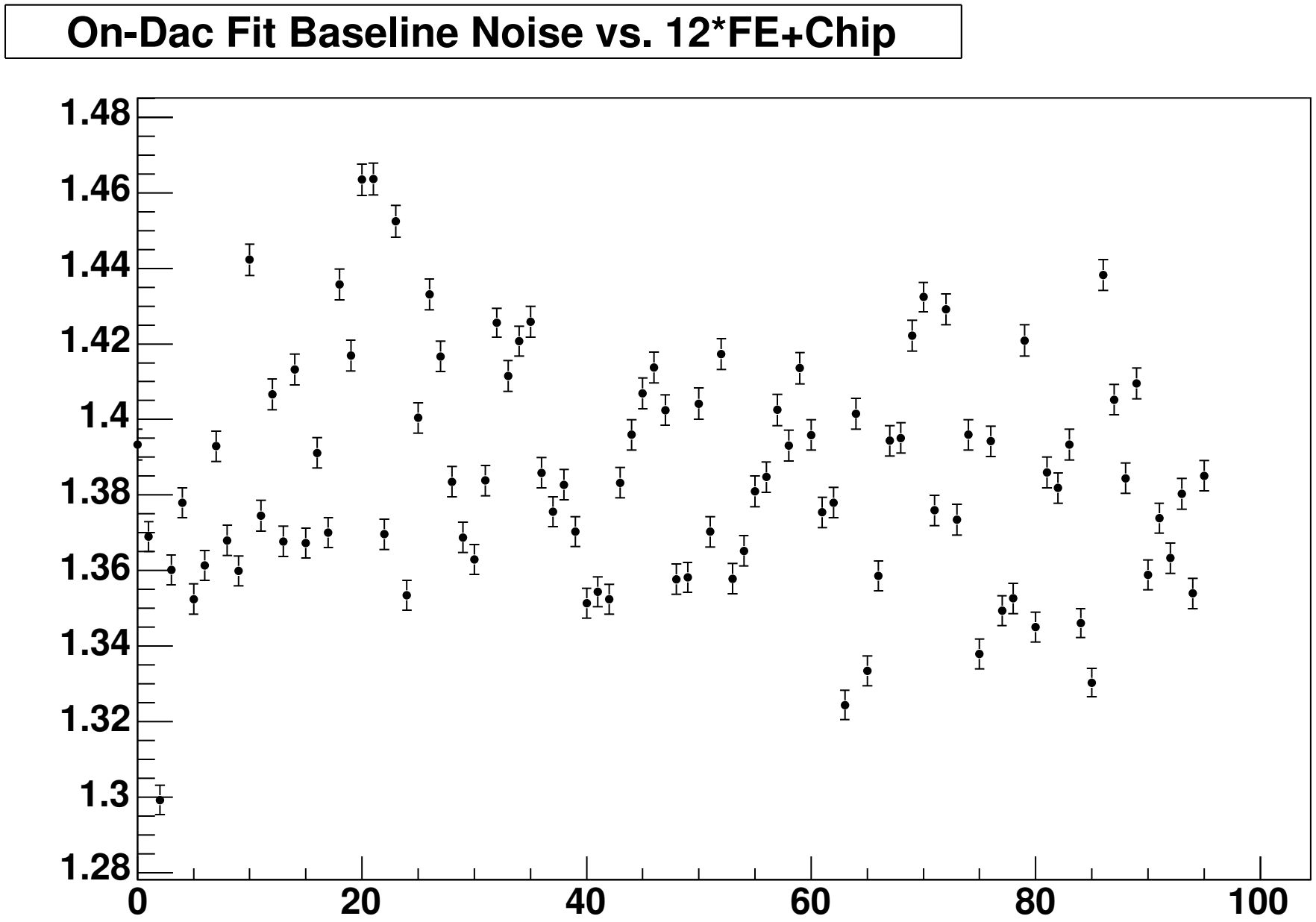

On-Dac Fit Slope vs. 12*FE+Chip
0.453
0.4525
0.452
0.4515
0.451
0.4505
0.45
0.4495
0.449
0
20
40
60
80
100

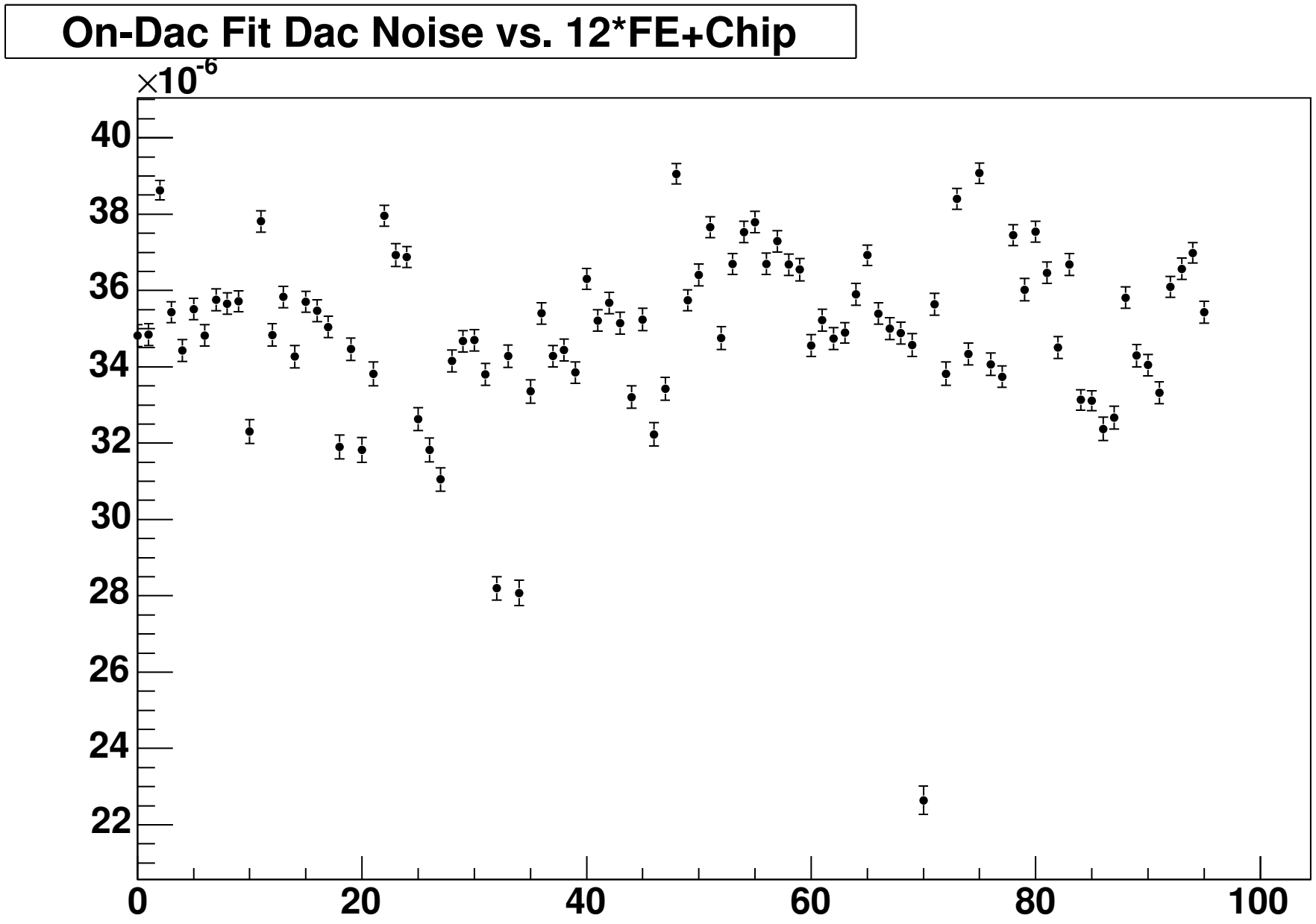

On-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
6000
5000
4000
3000
2000
1000
0
20
40
60
80
100

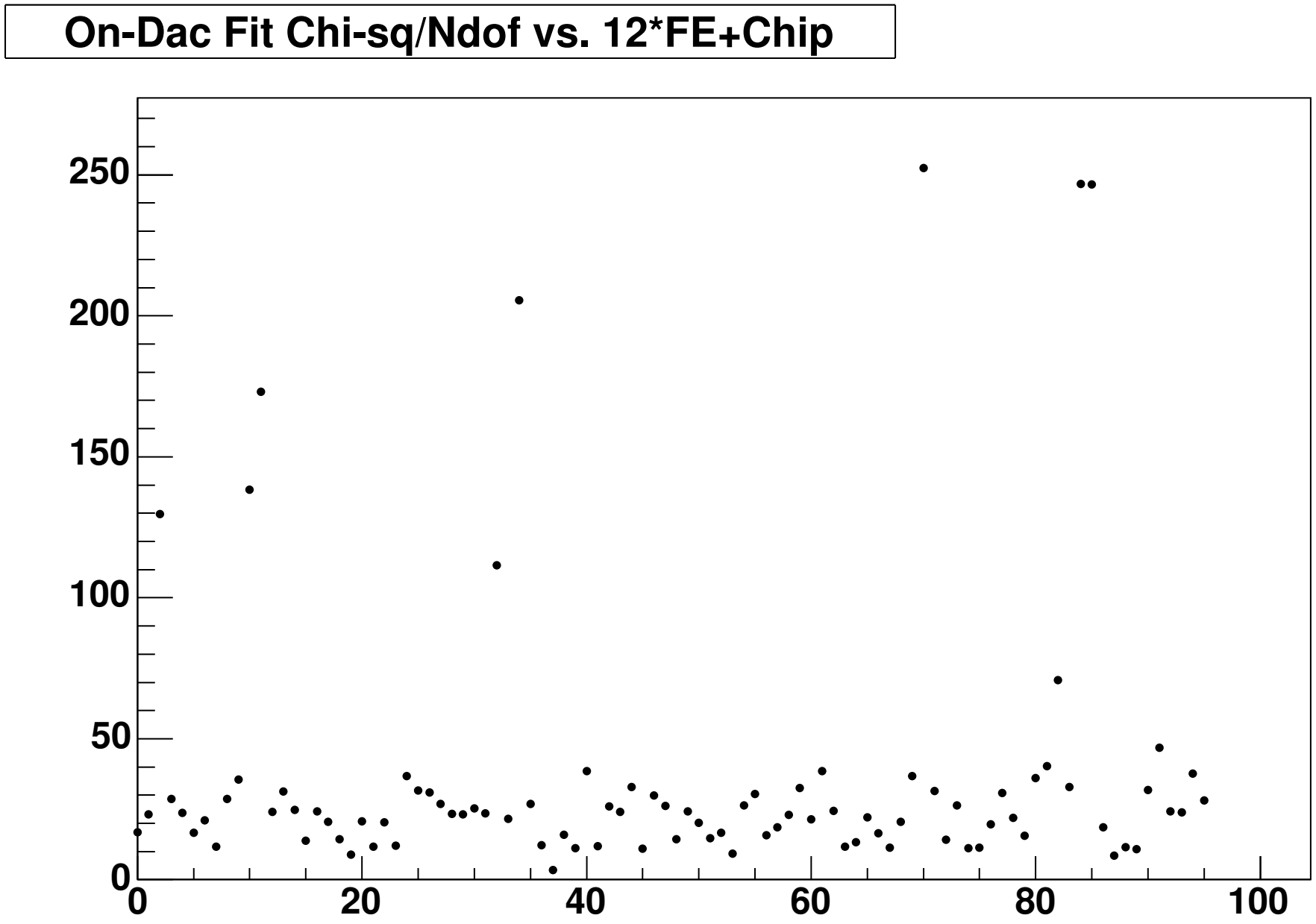

Off-Dac Fit Interpolation vs. 12*FE+Chip
80
60
40
20
0
-20
0
20
40
60
80
100

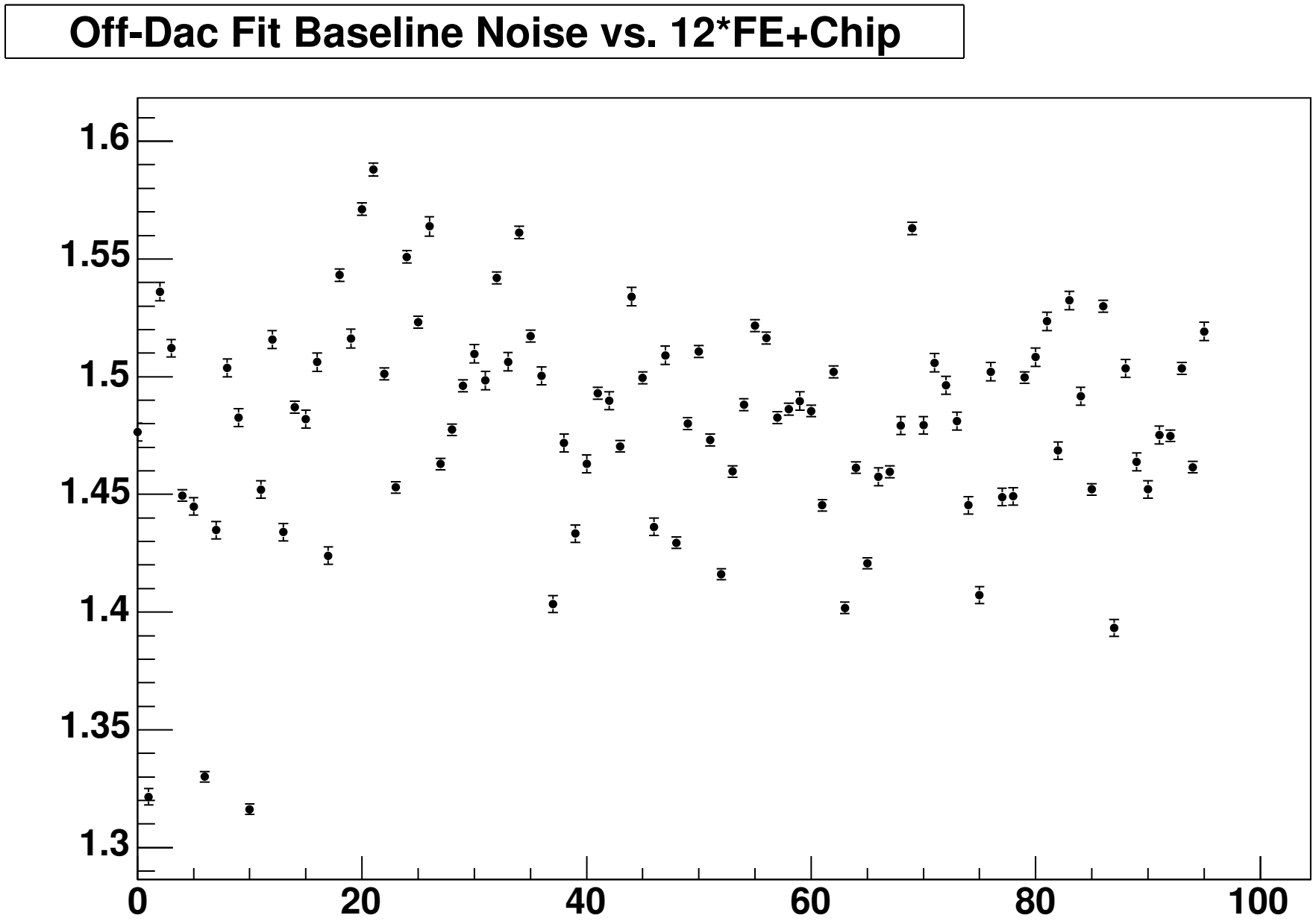

Off-Dac Fit Slope vs. 12*FE+Chip
×10^-6
6
4
2
0
-2
-4
0
20
40
60
80
100

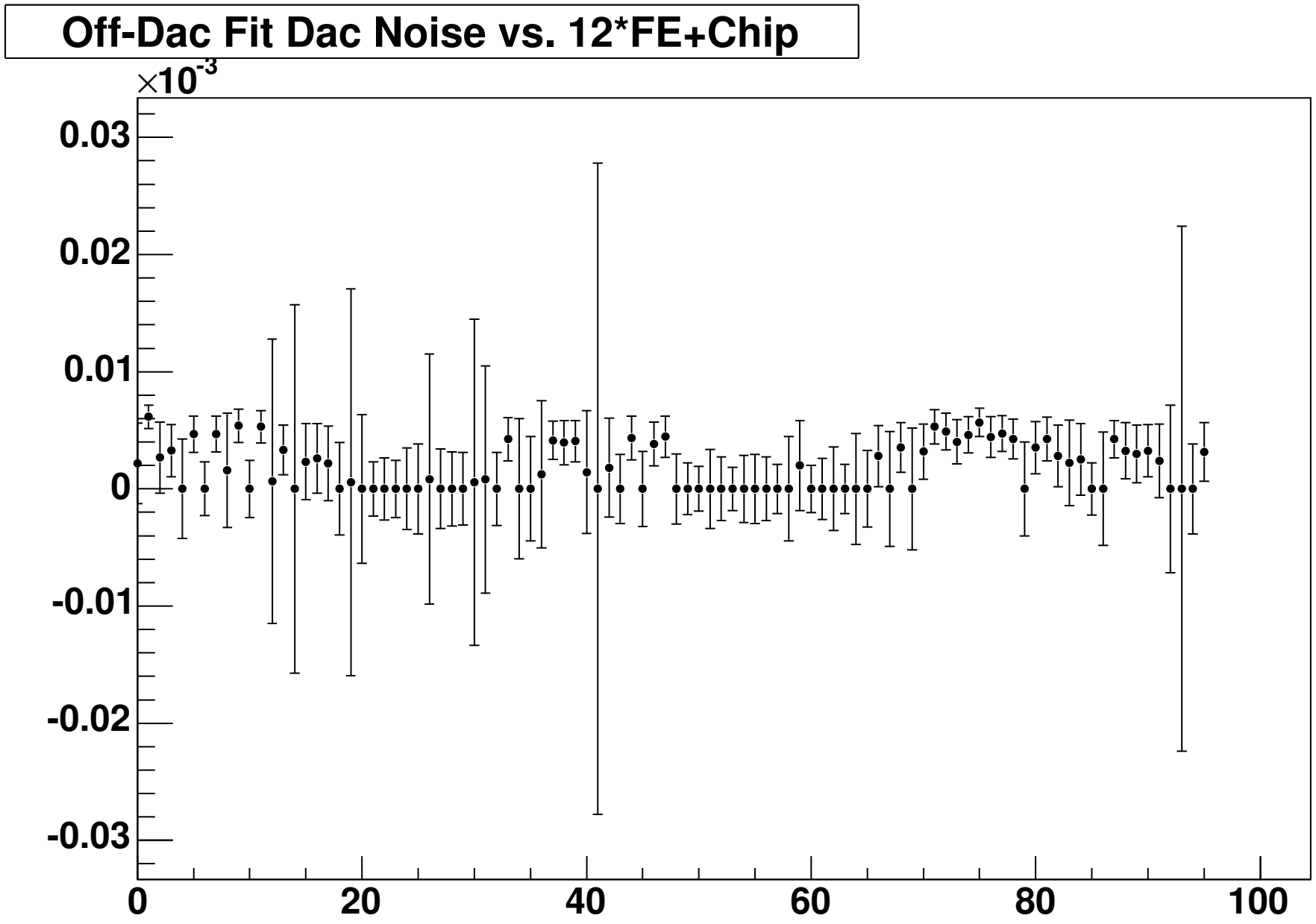

Off-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
0
20
40
60
80
100
0
20
40
60
80
100

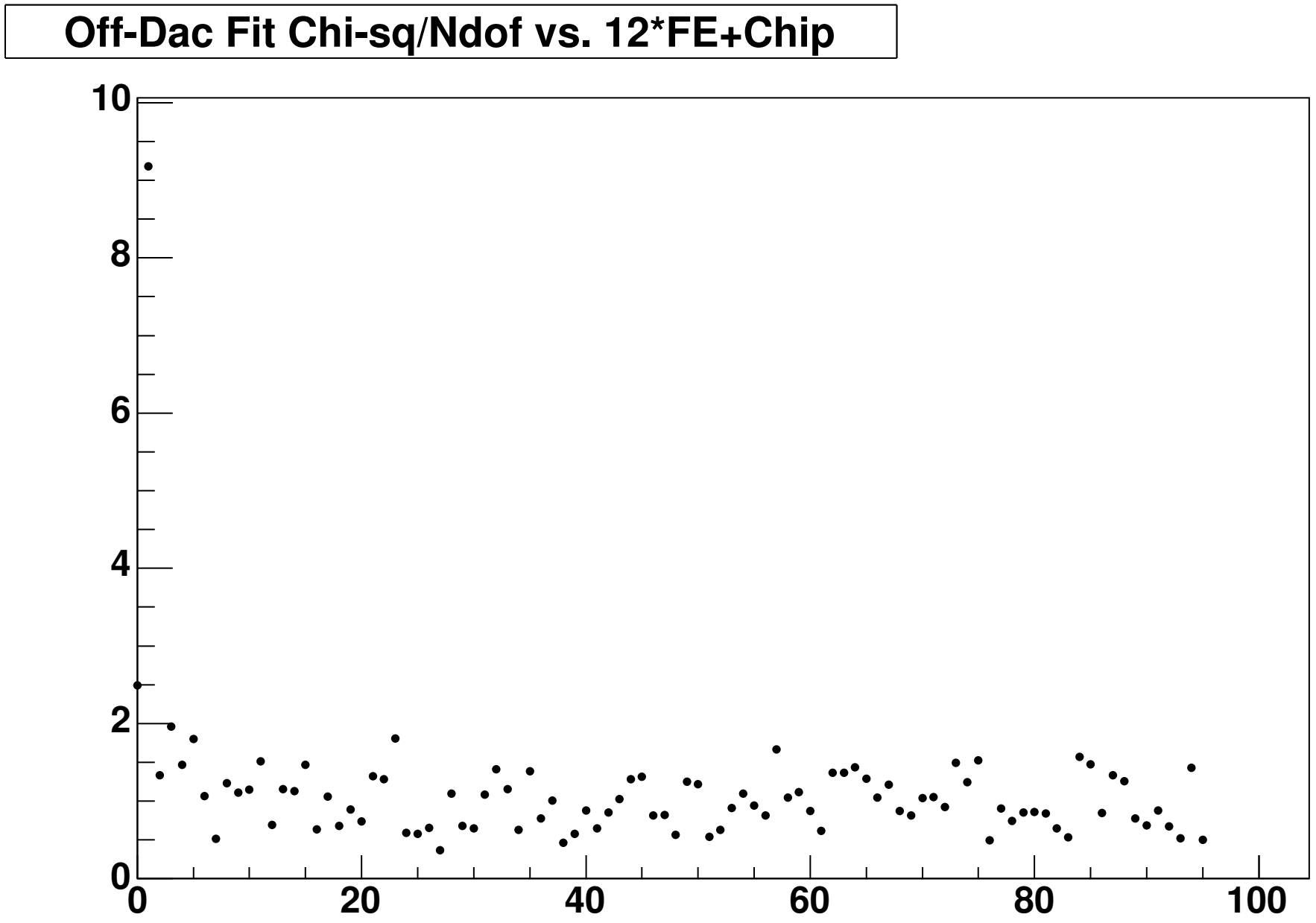

On-Dac Fit Baseline Noise vs. 12*FE+Chip
1.48
1.46
1.44
1.42
1.4
1.38
1.36
1.34
1.32
1.3
1.28
0
20
40
60
80
100

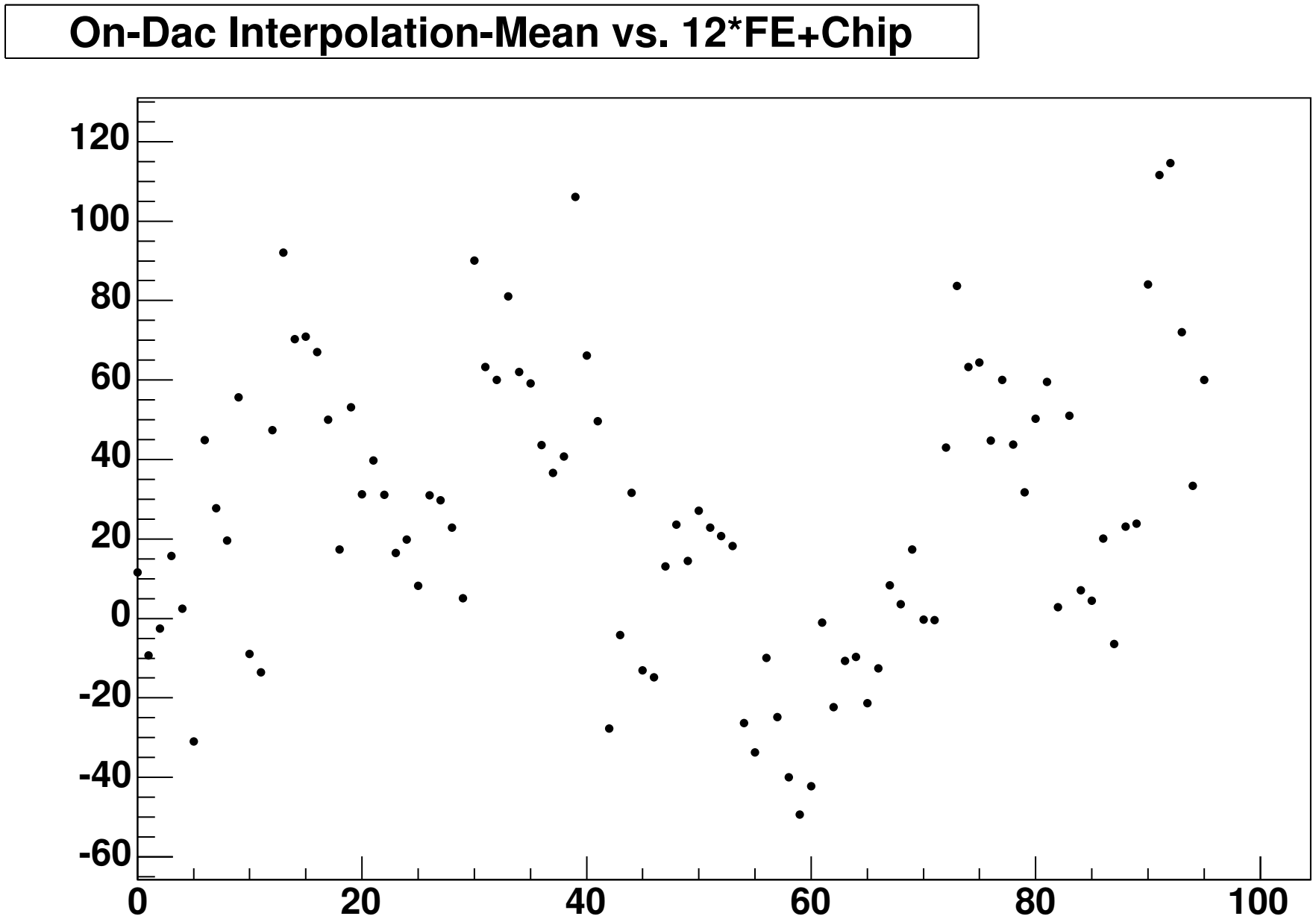

On-Dac Fit Dac Noise vs. 12*FE+Chip
×10^-6
40
38
36
34
32
30
28
26
24
22
0
20
40
60
80
100

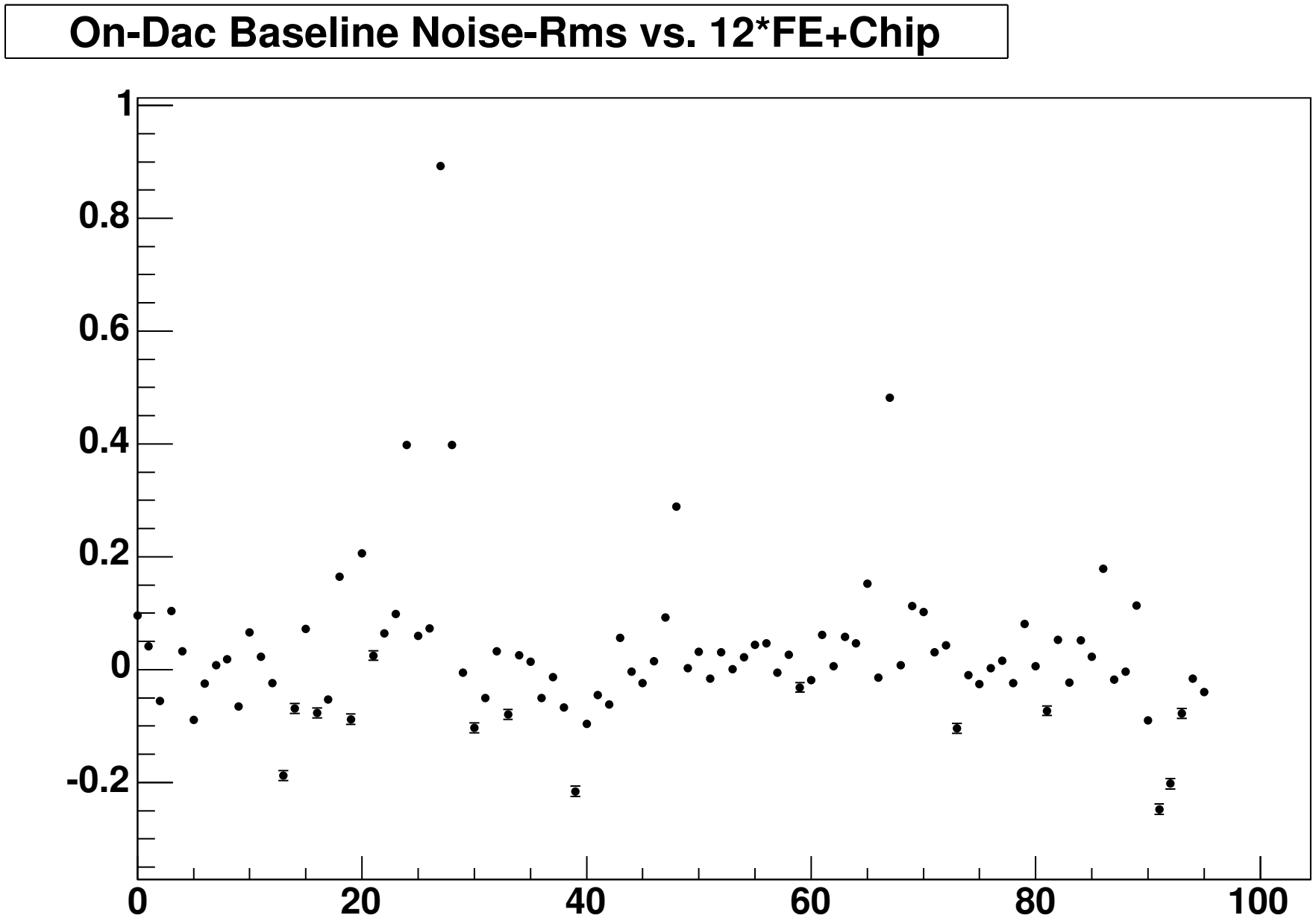

On-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
250
200
150
100
50
0
0
20
40
60
80
100

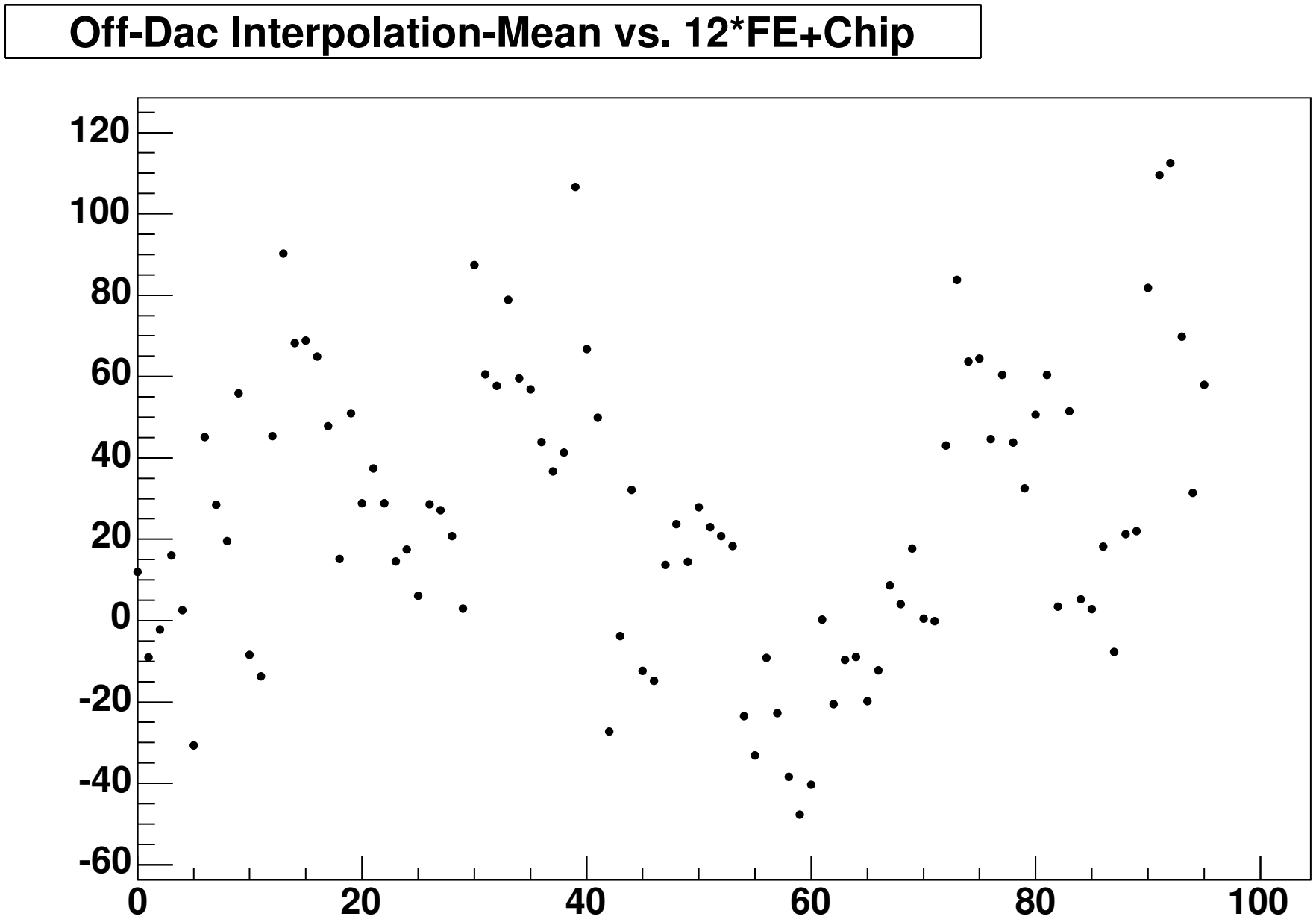

Off-Dac Fit Baseline Noise vs. 12*FE+Chip
1.6
1.55
1.5
1.45
1.4
1.35
1.3
0
20
40
60
80
100

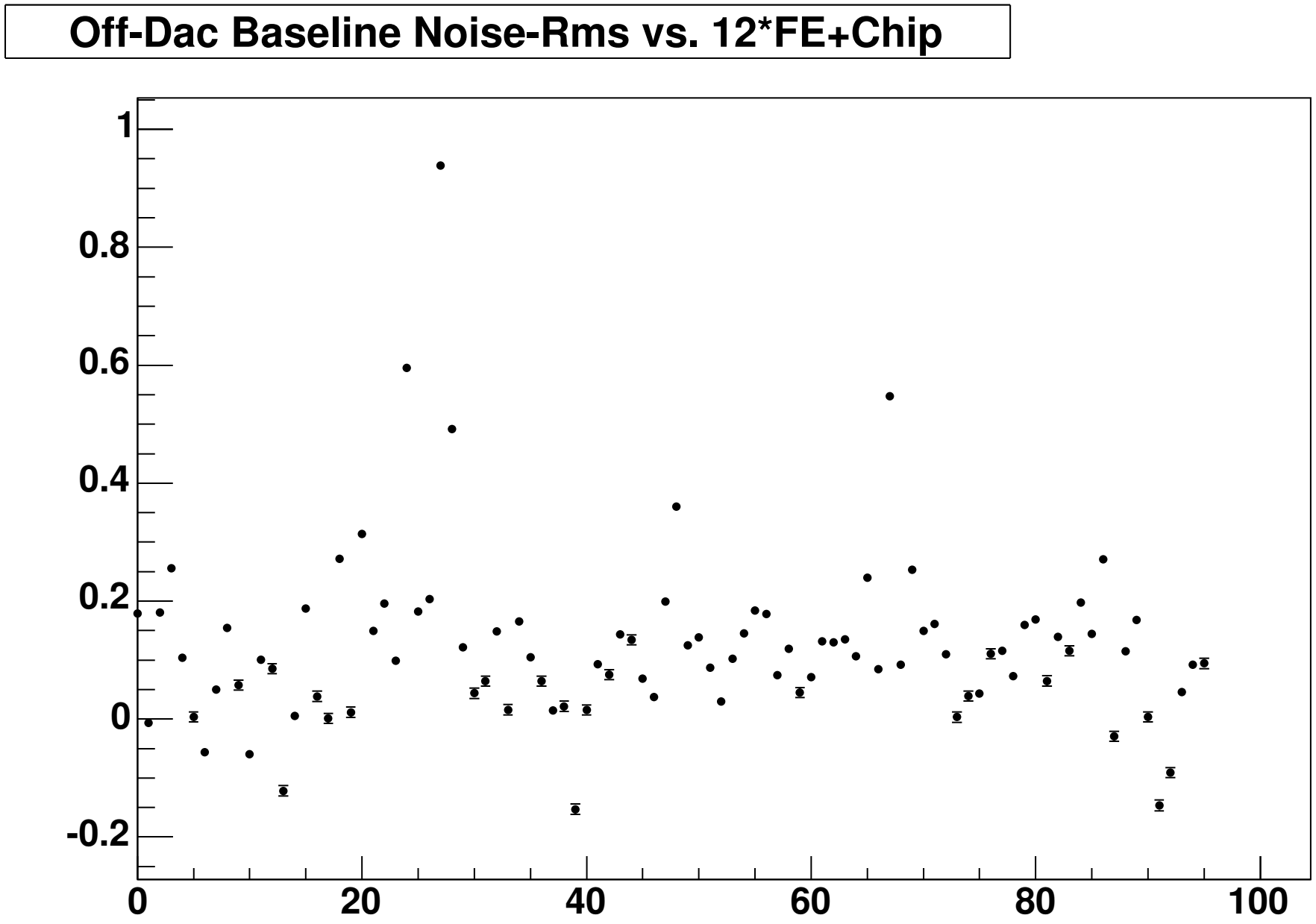

Off-Dac Fit Dac Noise vs. 12*FE+Chip
×10-3
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
0
20
40
60
80
100


Off-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
10
8
6
4
2
0
0
20
40
60
80
100


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


On-Dac Baseline Noise-Rms vs. 12*FE+Chip
1
0.8
0.6
0.4
0.2
0
-0.2
0
20
40
60
80
100


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


Off-Dac Baseline Noise-Rms vs. 12*FE+Chip
1
0.8
0.6
0.4
0.2
0
-0.2
0
20
40
60
80
100