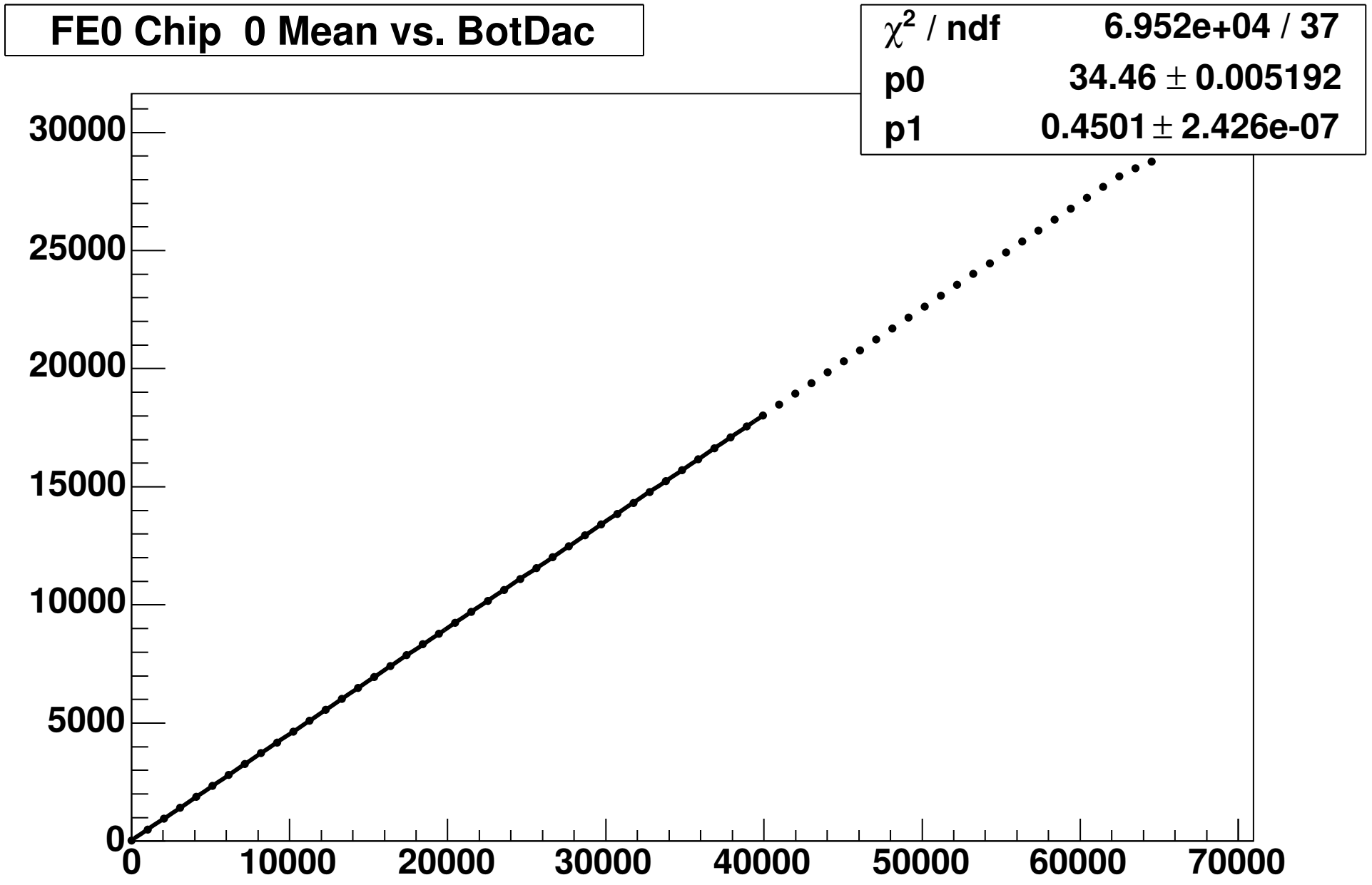
FE0 Chip 0 Mean vs. BotDac
χ² / ndf 6.952e+04 / 37
p0 34.46 ± 0.005192
p1 0.4501 ± 2.426e-07
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20000
15000
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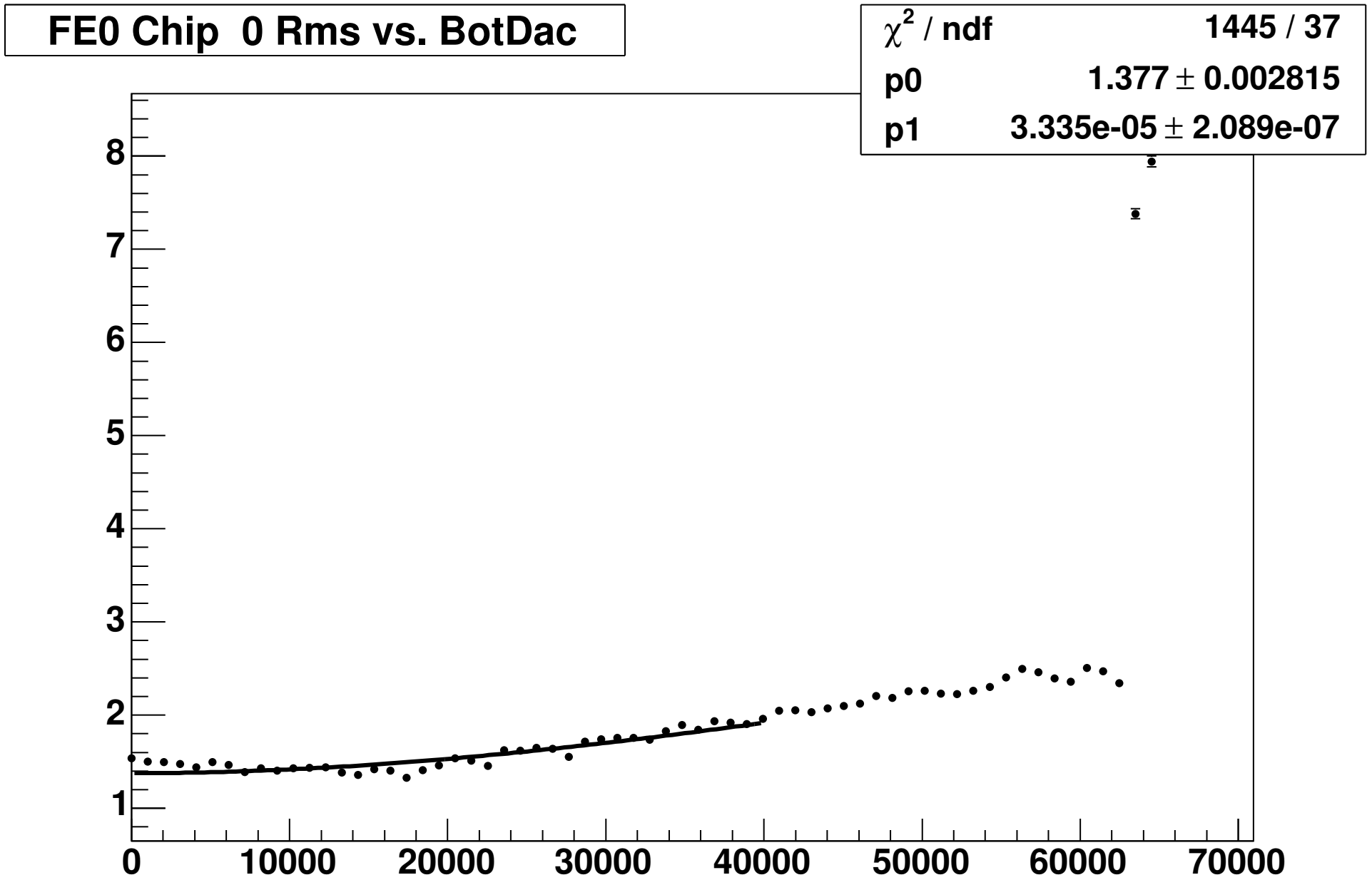
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 0 Rms vs. BotDac
χ² / ndf 1445 / 37
p0 1.377 ± 0.002815
p1 3.335e-05 ± 2.089e-07
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7
6
5
4
3
2
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0
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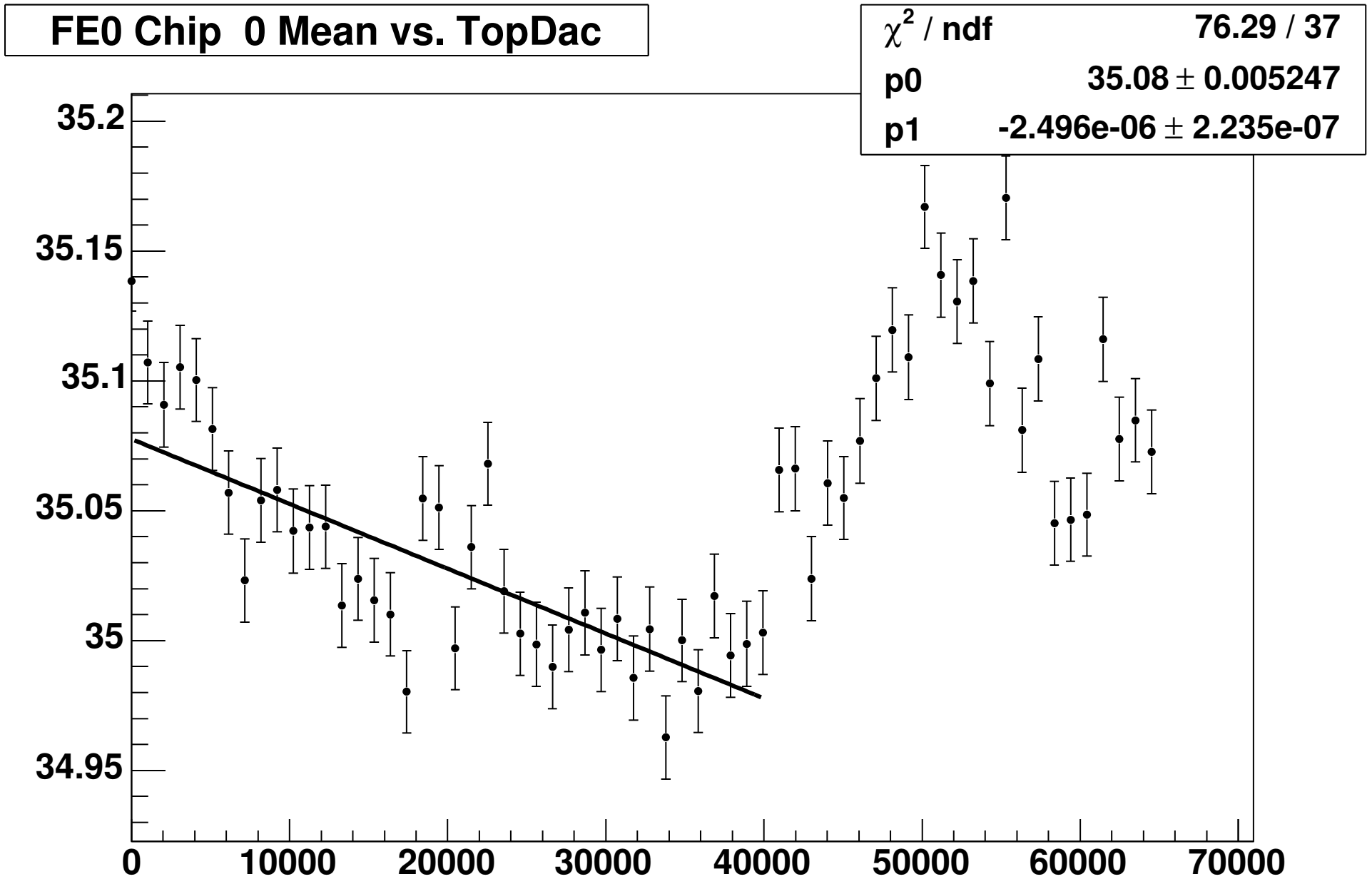
60000
70000


FE0 Chip 0 Mean vs. TopDac
χ² / ndf 76.29 / 37
p0 35.08 ± 0.005247
p1 -2.496e-06 ± 2.235e-07
35.2
35.15
35.1
35.05
35
34.95
0
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60000
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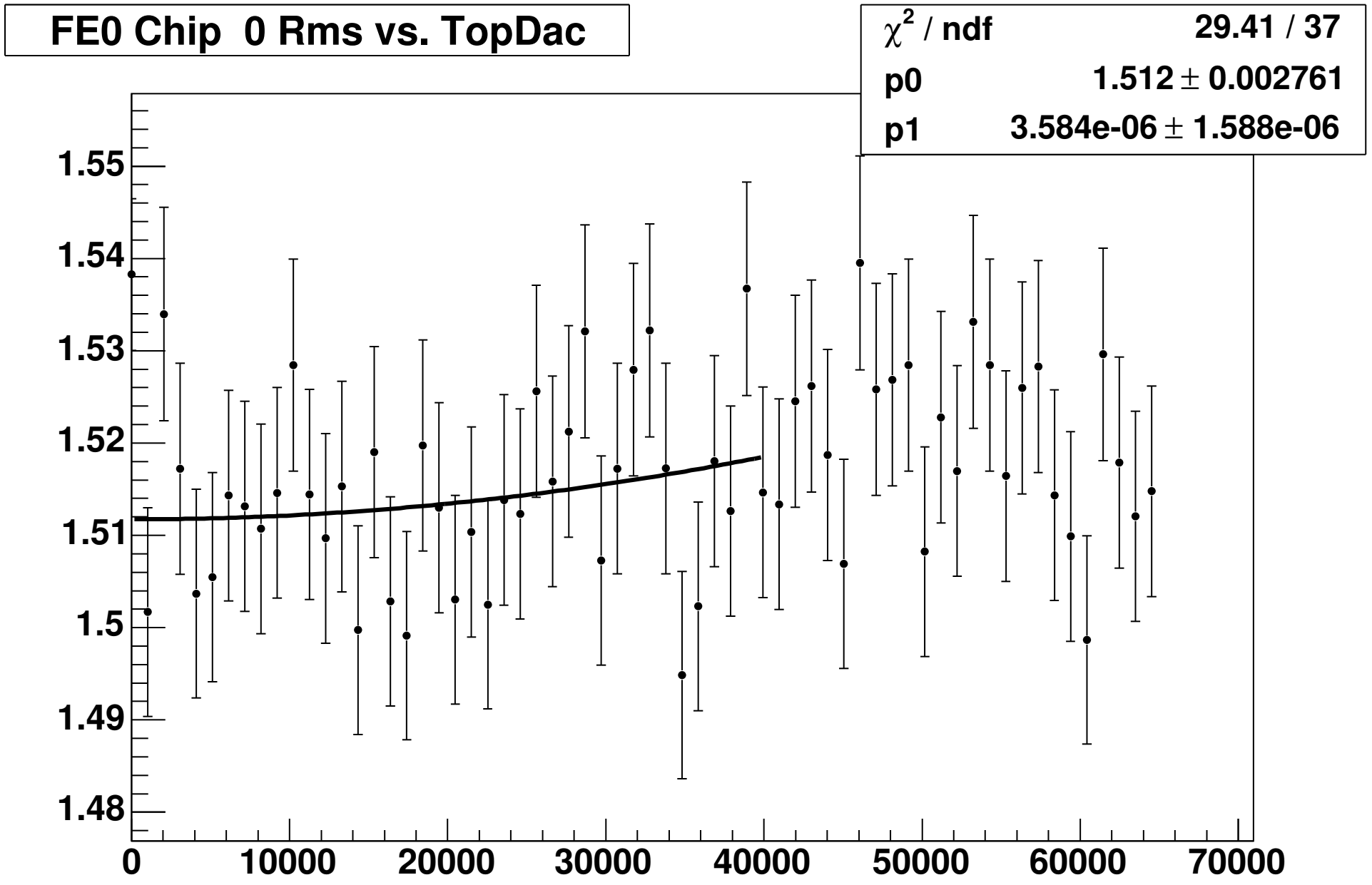
FE0 Chip 0 Rms vs. TopDac
χ² / ndf 29.41 / 37
p0 1.512 ± 0.002761
p1 3.584e-06 ± 1.588e-06
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
0
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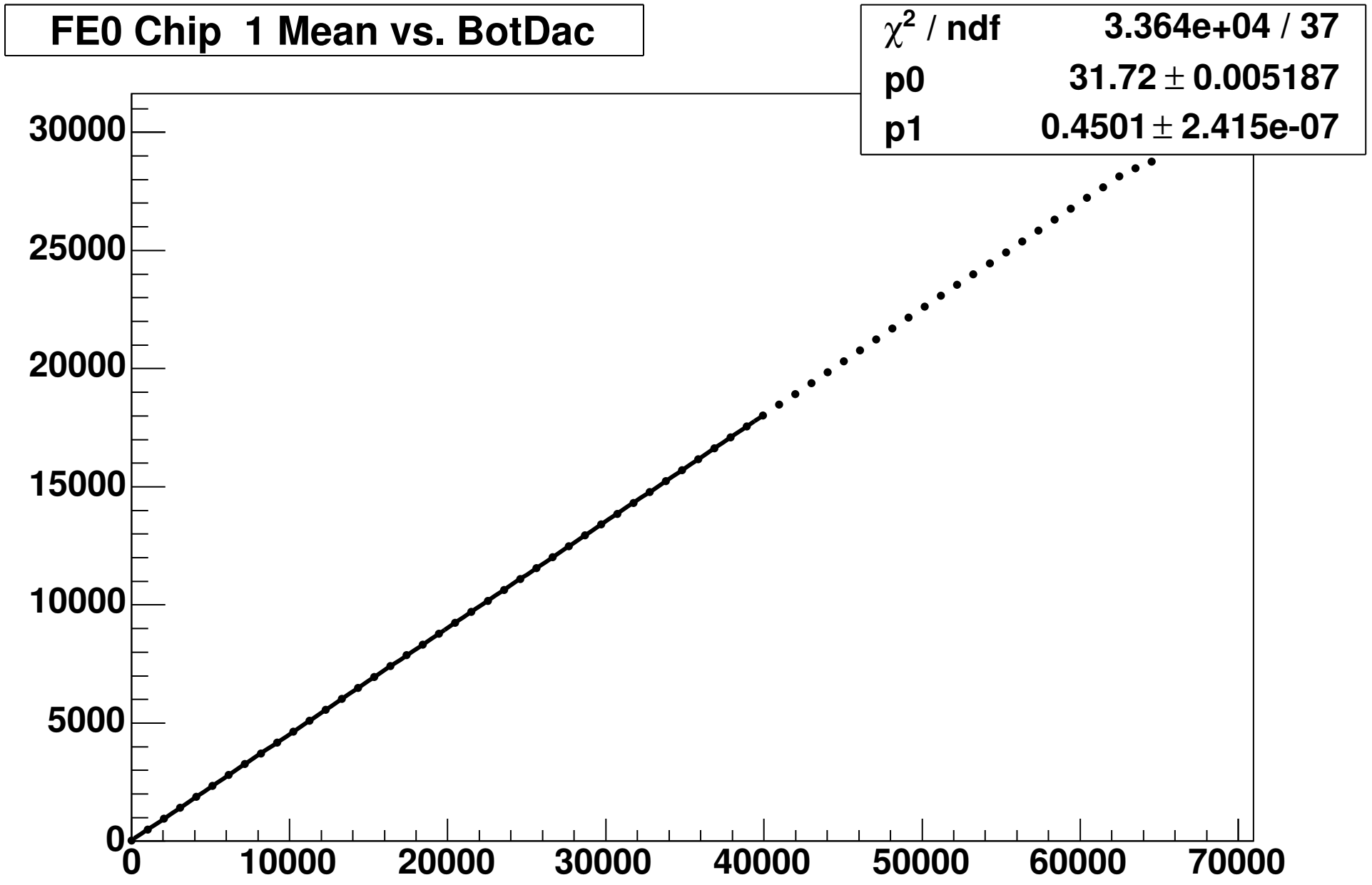
FE0 Chip 1 Mean vs. BotDac
χ² / ndf 3.364e+04 / 37
p0 31.72 ± 0.005187
p1 0.4501 ± 2.415e-07
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0
10000
20000
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40000
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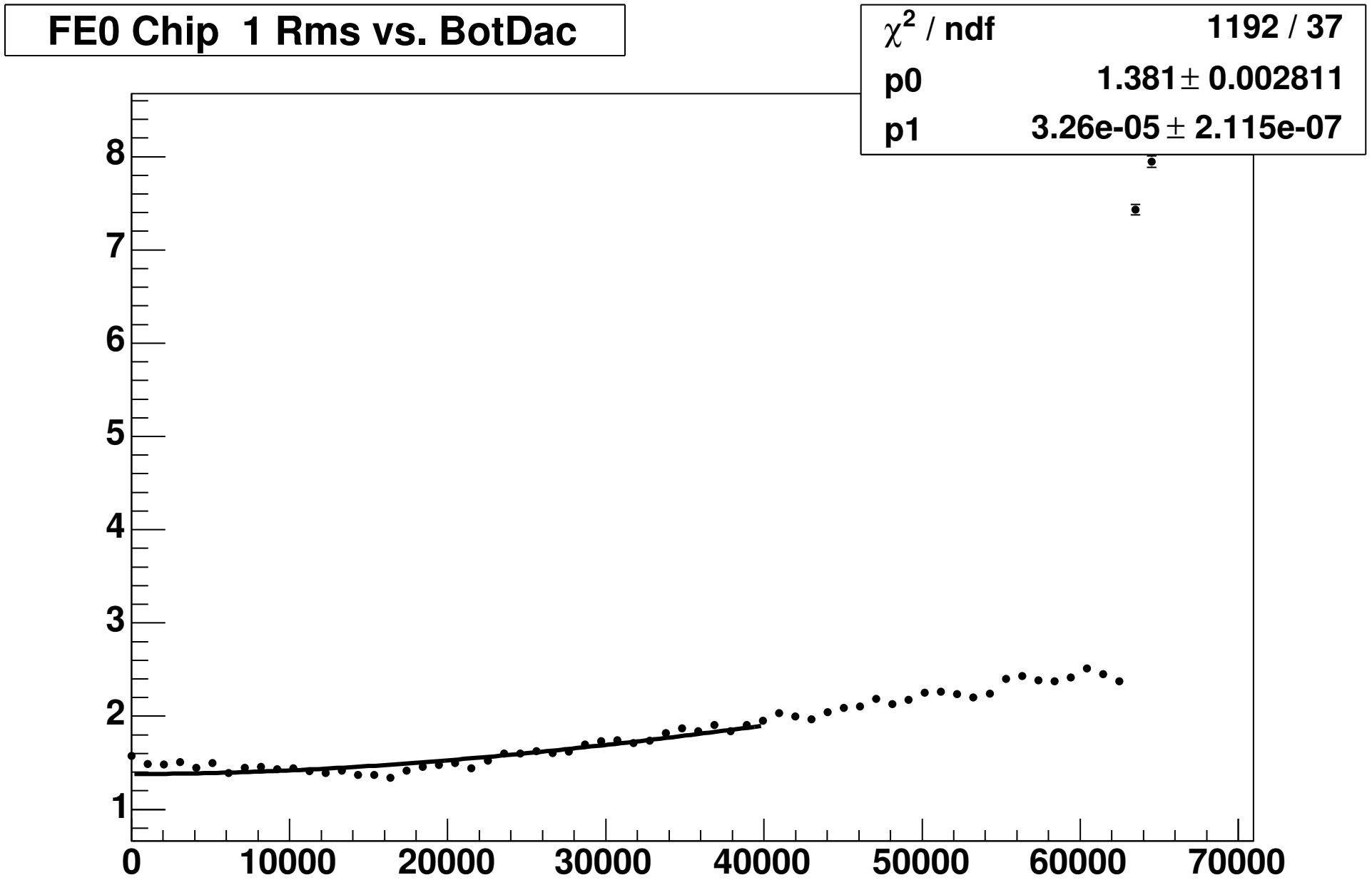
FE0 Chip 1 Rms vs. BotDac
χ² / ndf 1192 / 37
p0 1.381 ± 0.002811
p1 3.26e-05 ± 2.115e-07
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6
5
4
3
2
1
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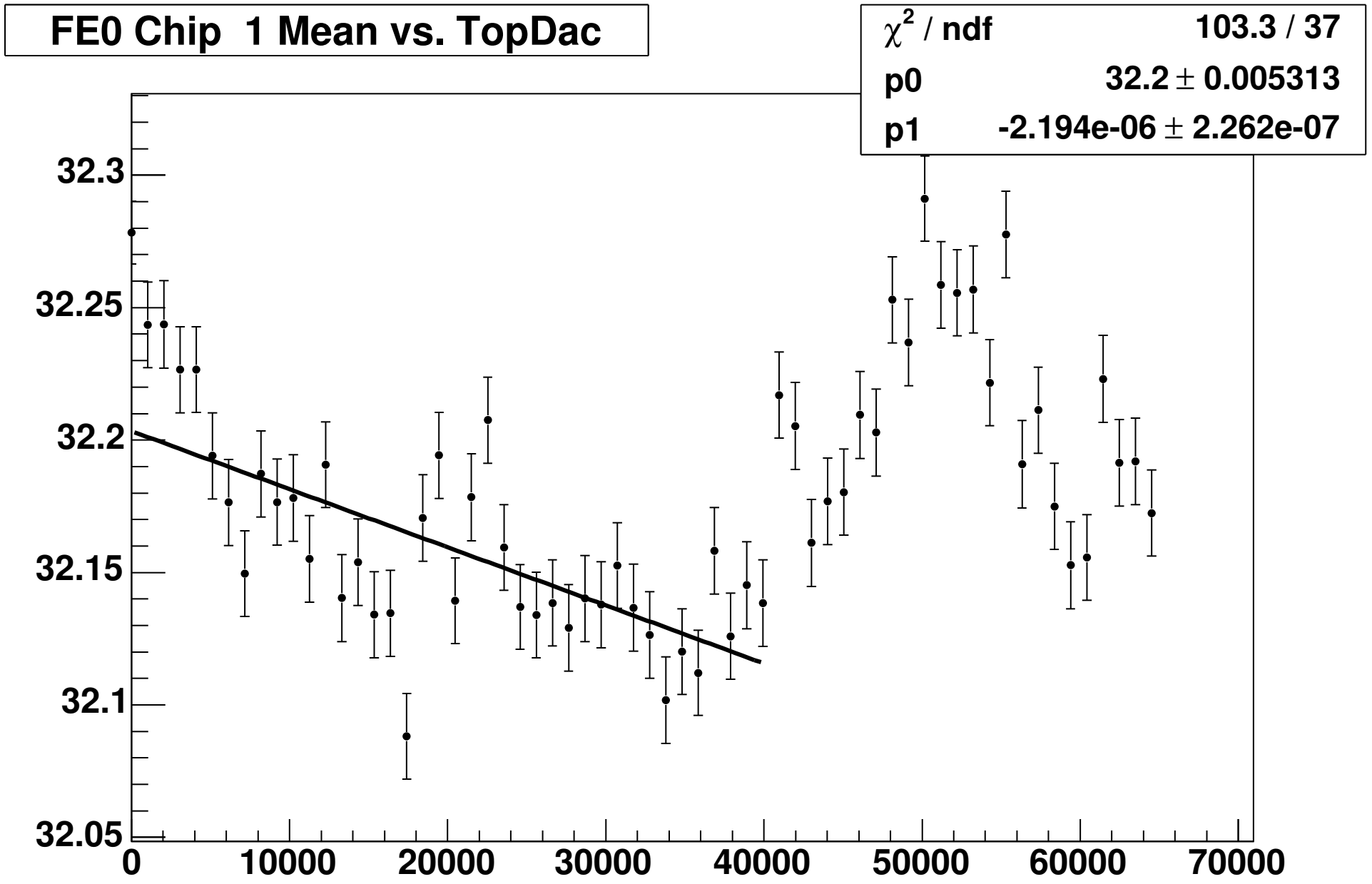
FE0 Chip 1 Mean vs. TopDac
χ² / ndf 103.3 / 37
p0 32.2 ± 0.005313
p1 -2.194e-06 ± 2.262e-07
32.3
32.25
32.2
32.15
32.1
32.05
0
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20000
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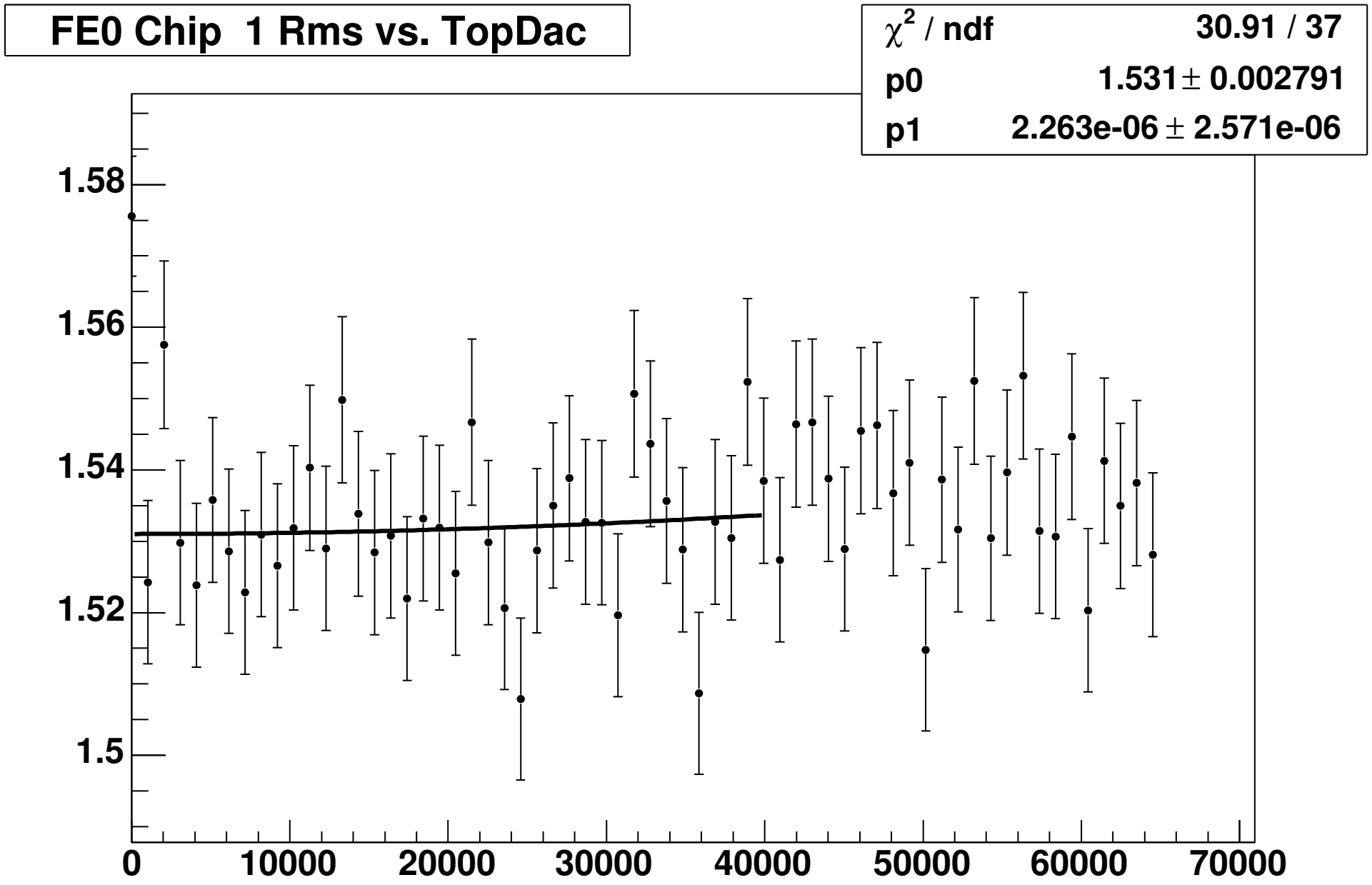
FE0 Chip 1 Rms vs. TopDac
χ² / ndf 30.91 / 37
p0 1.531 ± 0.002791
p1 2.263e-06 ± 2.571e-06
1.58
1.56
1.54
1.52
1.5
0
10000
20000
30000
40000
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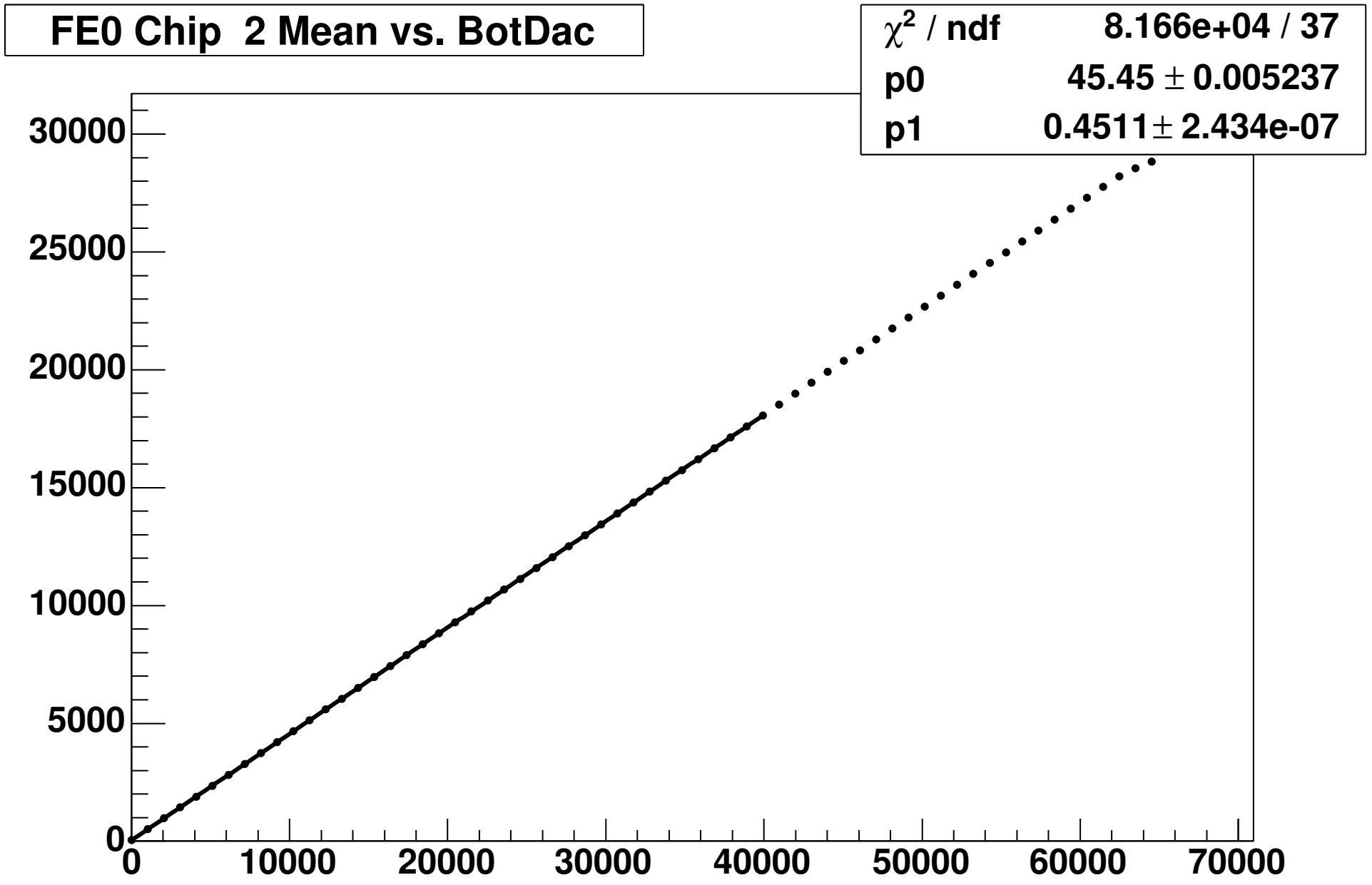
60000
70000


FE0 Chip 2 Mean vs. BotDac
χ² / ndf 8.166e+04 / 37
p0 45.45 ± 0.005237
p1 0.4511 ± 2.434e-07
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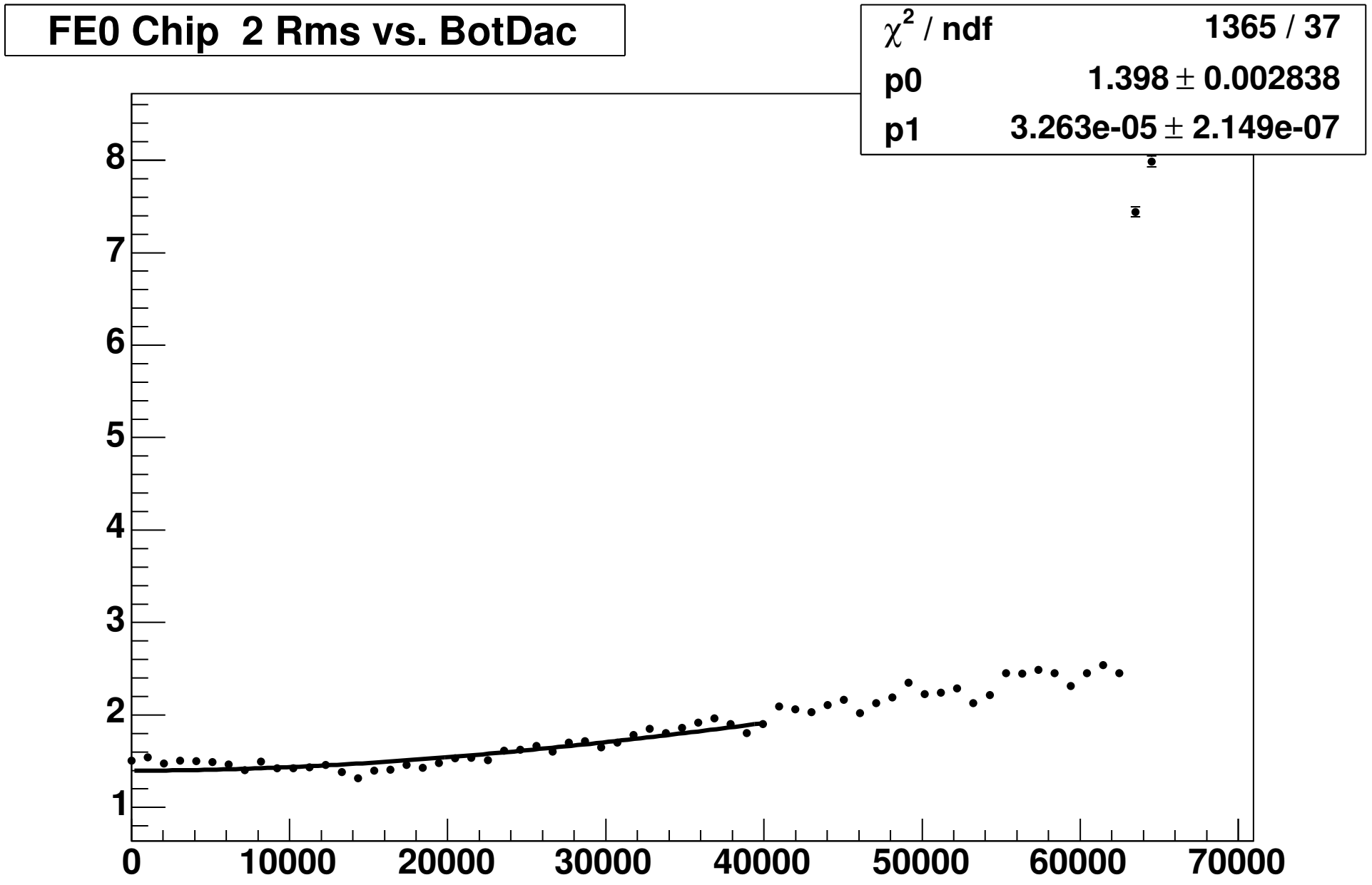
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 2 Rms vs. BotDac
χ² / ndf 1365 / 37
p0 1.398 ± 0.002838
p1 3.263e-05 ± 2.149e-07
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7
6
5
4
3
2
1
0
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50000
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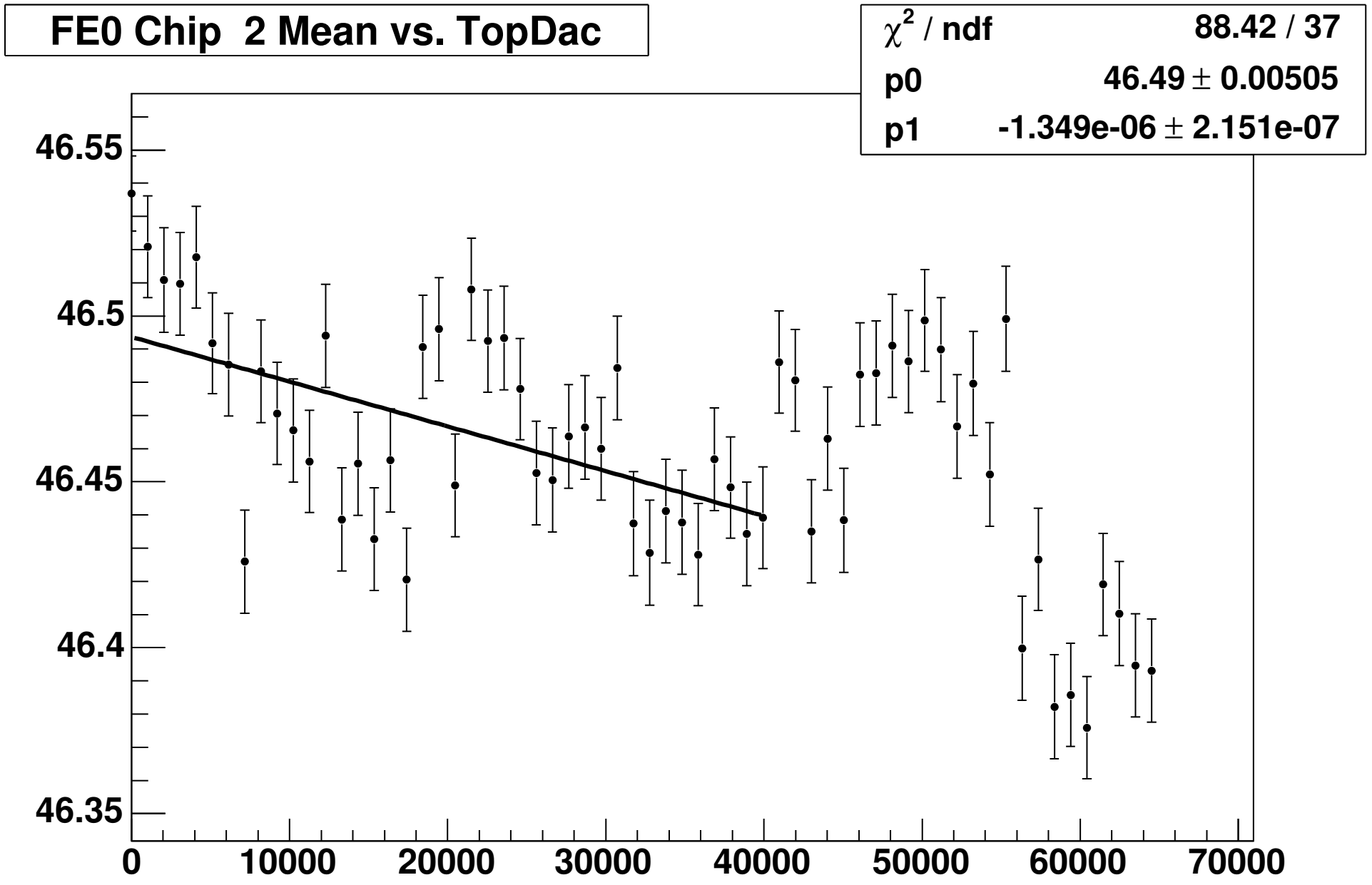
FE0 Chip 2 Mean vs. TopDac
χ² / ndf 88.42 / 37
p0 46.49 ± 0.00505
p1 -1.349e-06 ± 2.151e-07
46.55
46.5
46.45
46.4
46.35
0
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20000
30000
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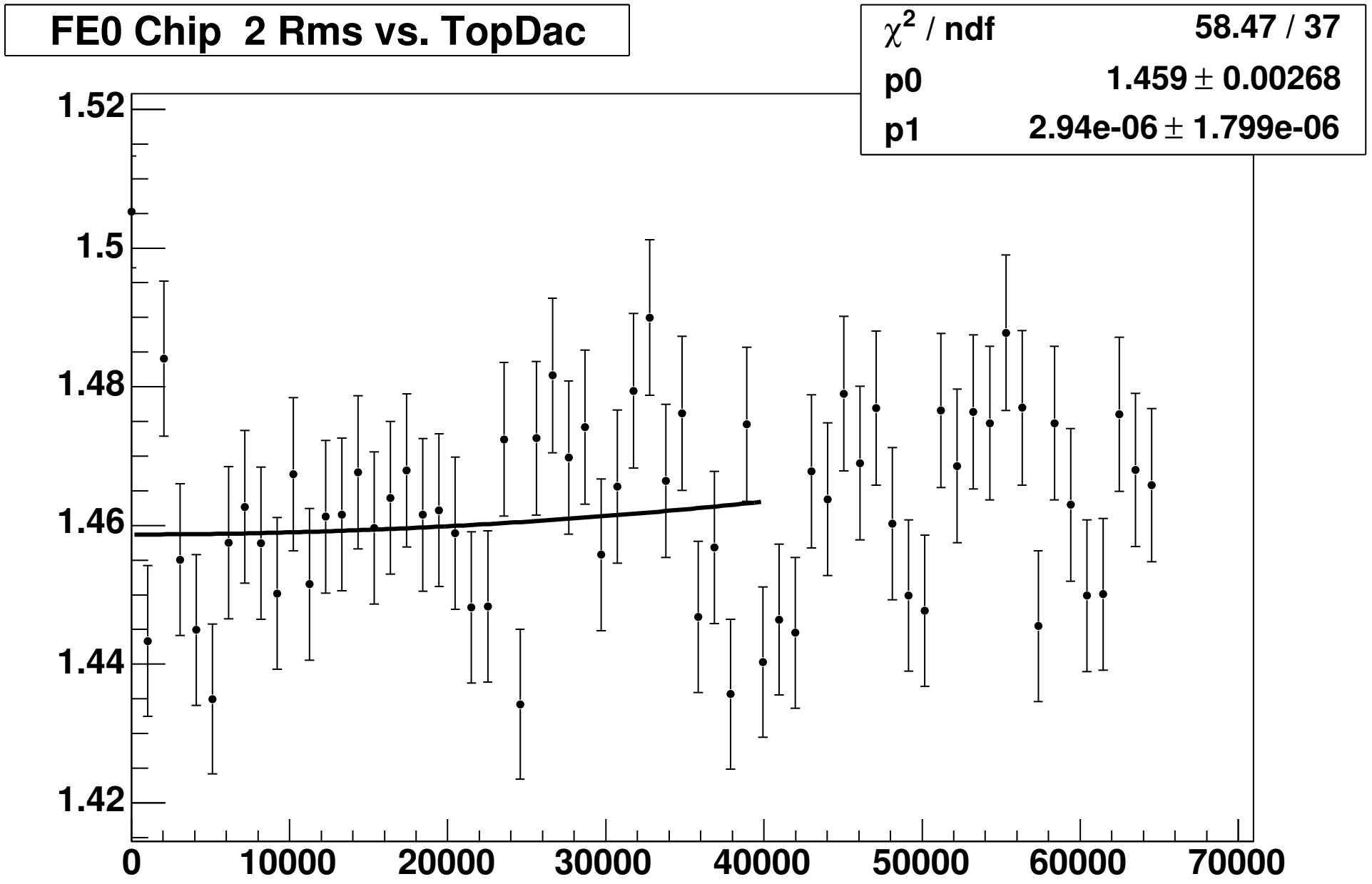
70000


FE0 Chip 2 Rms vs. TopDac
χ² / ndf 58.47 / 37
p0 1.459 ± 0.00268
p1 2.94e-06 ± 1.799e-06
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
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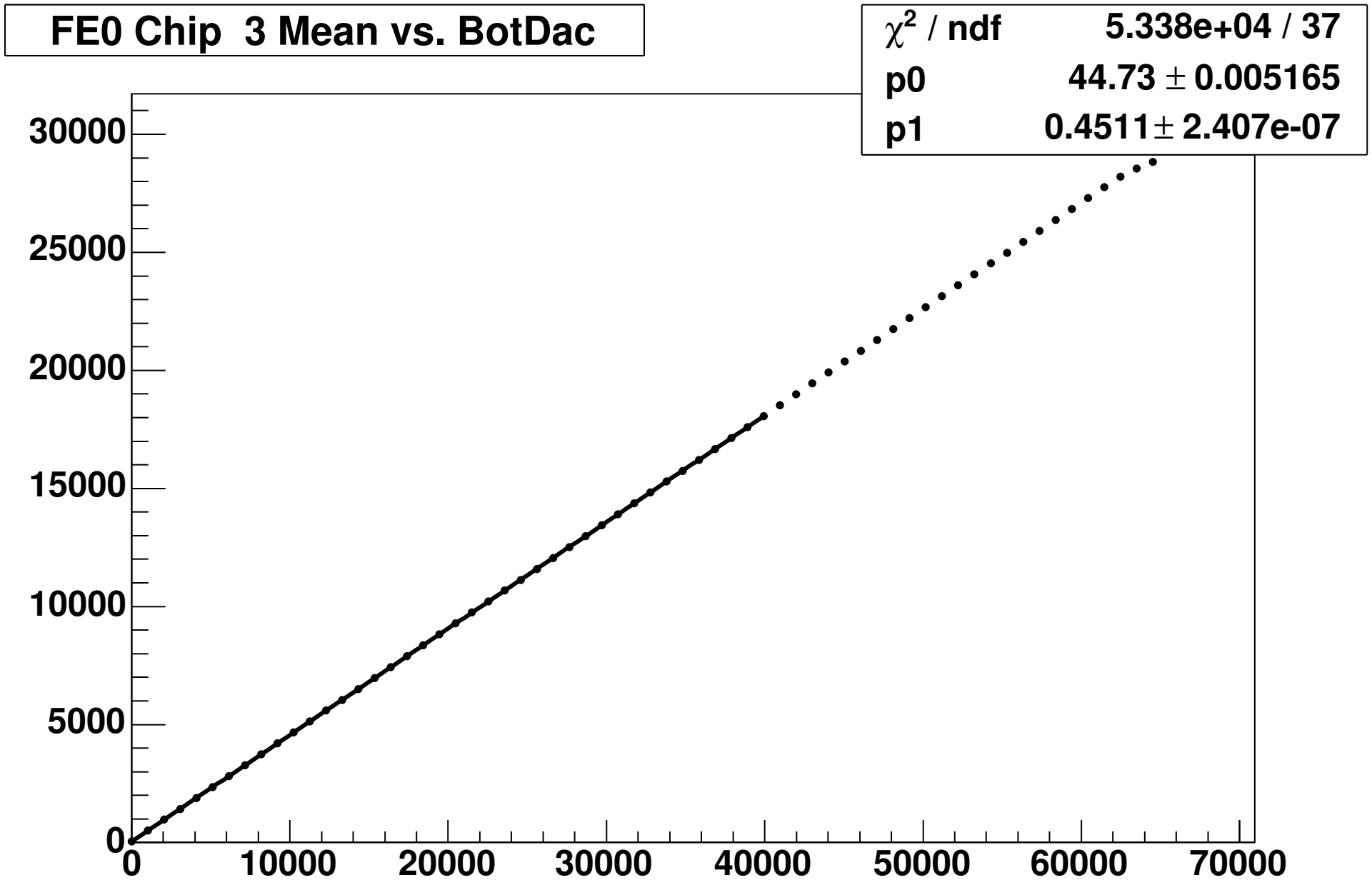
FE0 Chip 3 Mean vs. BotDac
χ² / ndf 5.338e+04 / 37
p0 44.73 ± 0.005165
p1 0.4511 ± 2.407e-07
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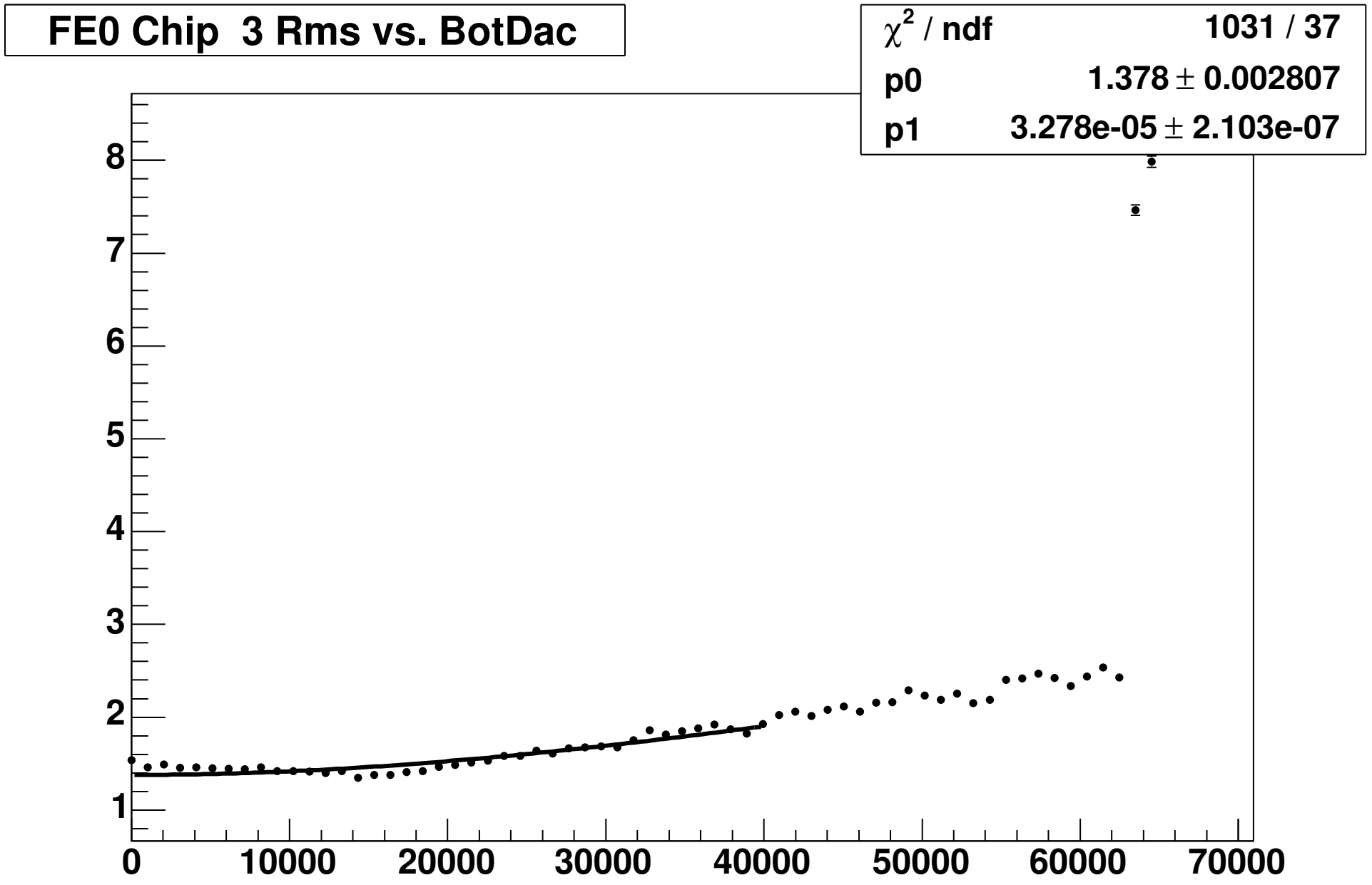
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 3 Rms vs. BotDac
χ² / ndf 1031 / 37
p0 1.378 ± 0.002807
p1 3.278e-05 ± 2.103e-07
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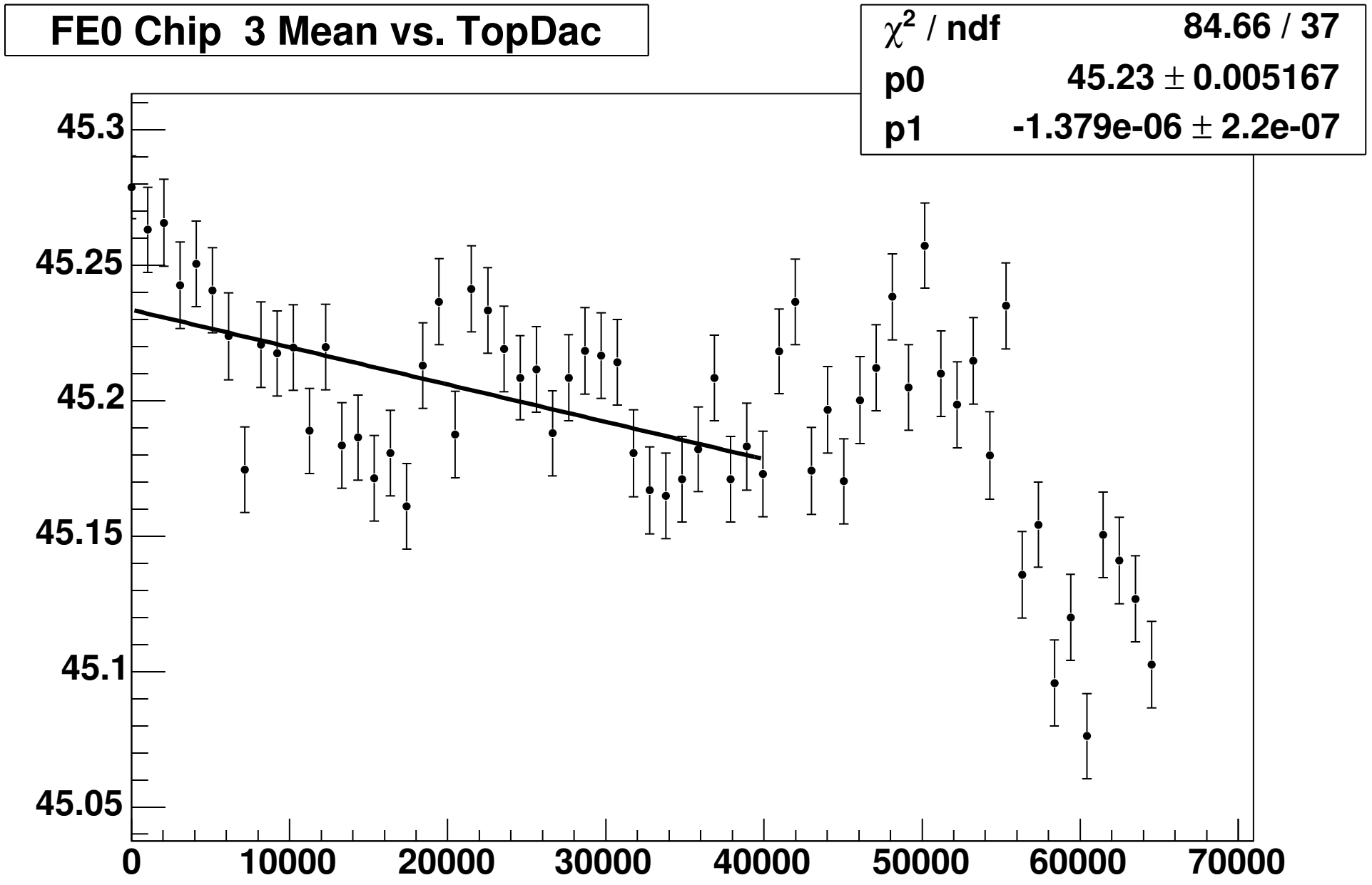
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 3 Mean vs. TopDac
χ² / ndf 84.66 / 37
p0 45.23 ± 0.005167
p1 -1.379e-06 ± 2.2e-07
45.3
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45.2
45.15
45.1
45.05
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30000
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50000
60000
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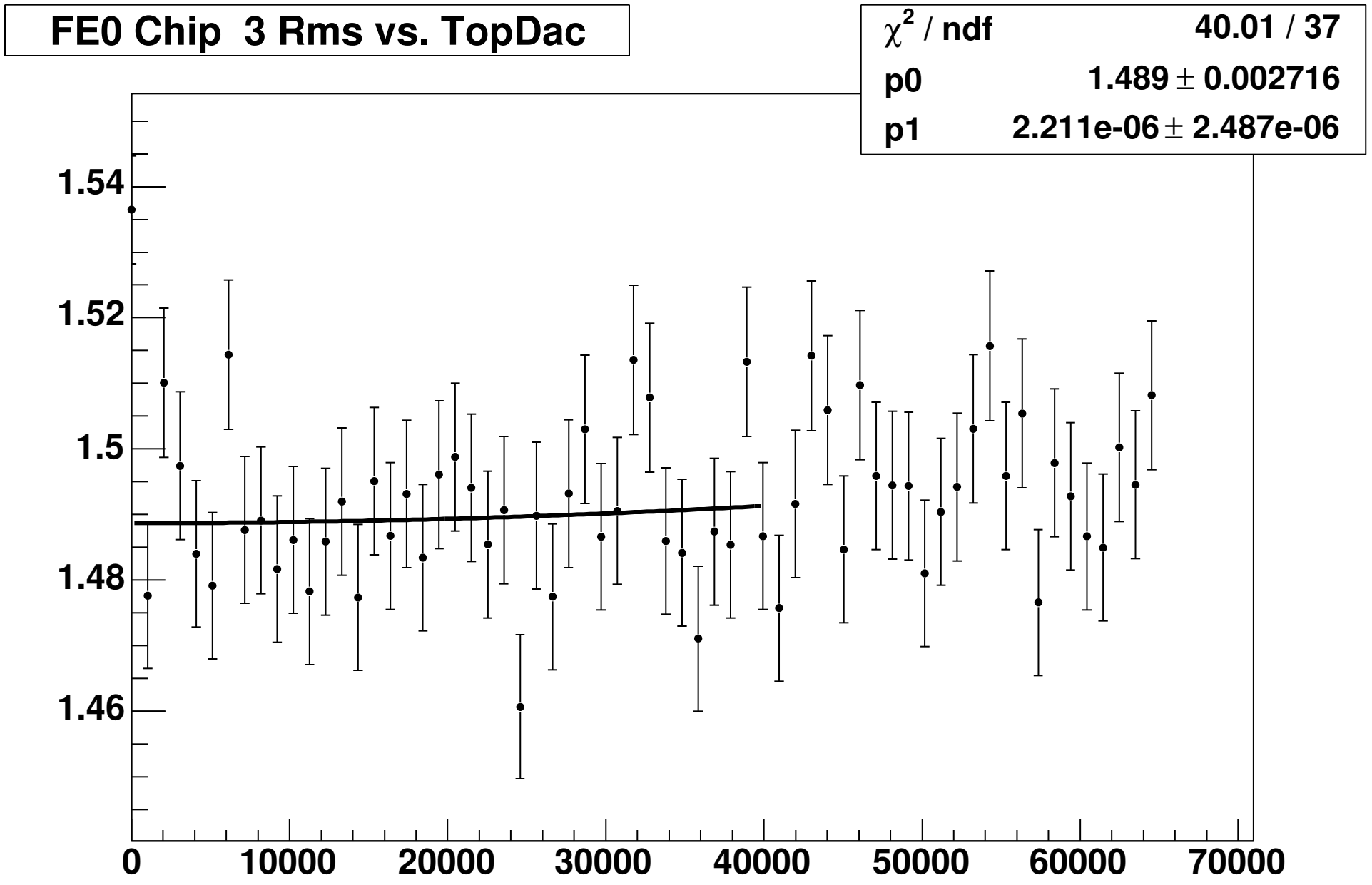
FE0 Chip 3 Rms vs. TopDac
χ² / ndf 40.01 / 37
p0 1.489 ± 0.002716
p1 2.211e-06 ± 2.487e-06
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1.52
1.5
1.48
1.46
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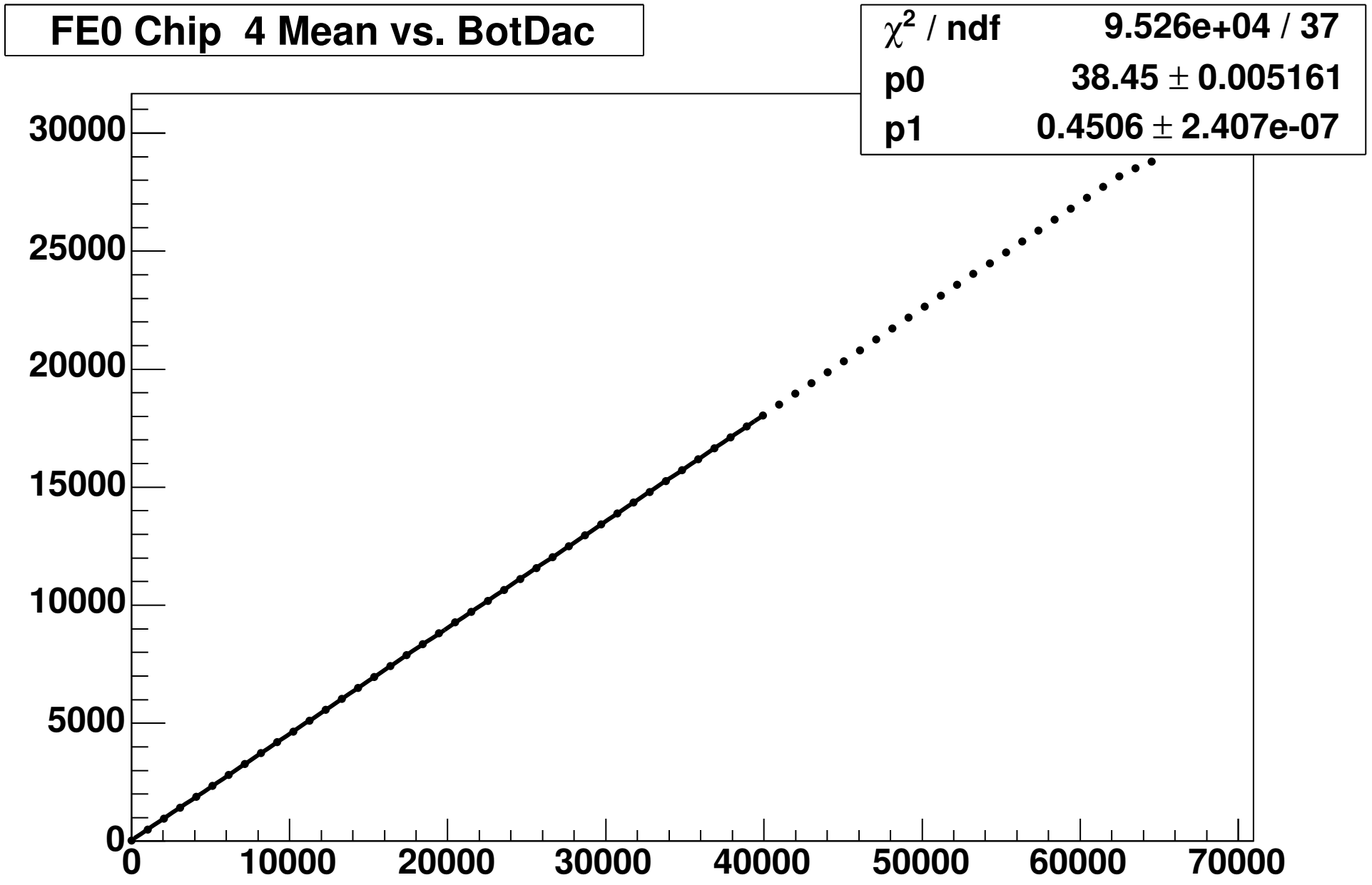
60000
70000


FE0 Chip 4 Mean vs. BotDac
χ² / ndf 9.526e+04 / 37
p0 38.45 ± 0.005161
p1 0.4506 ± 2.407e-07
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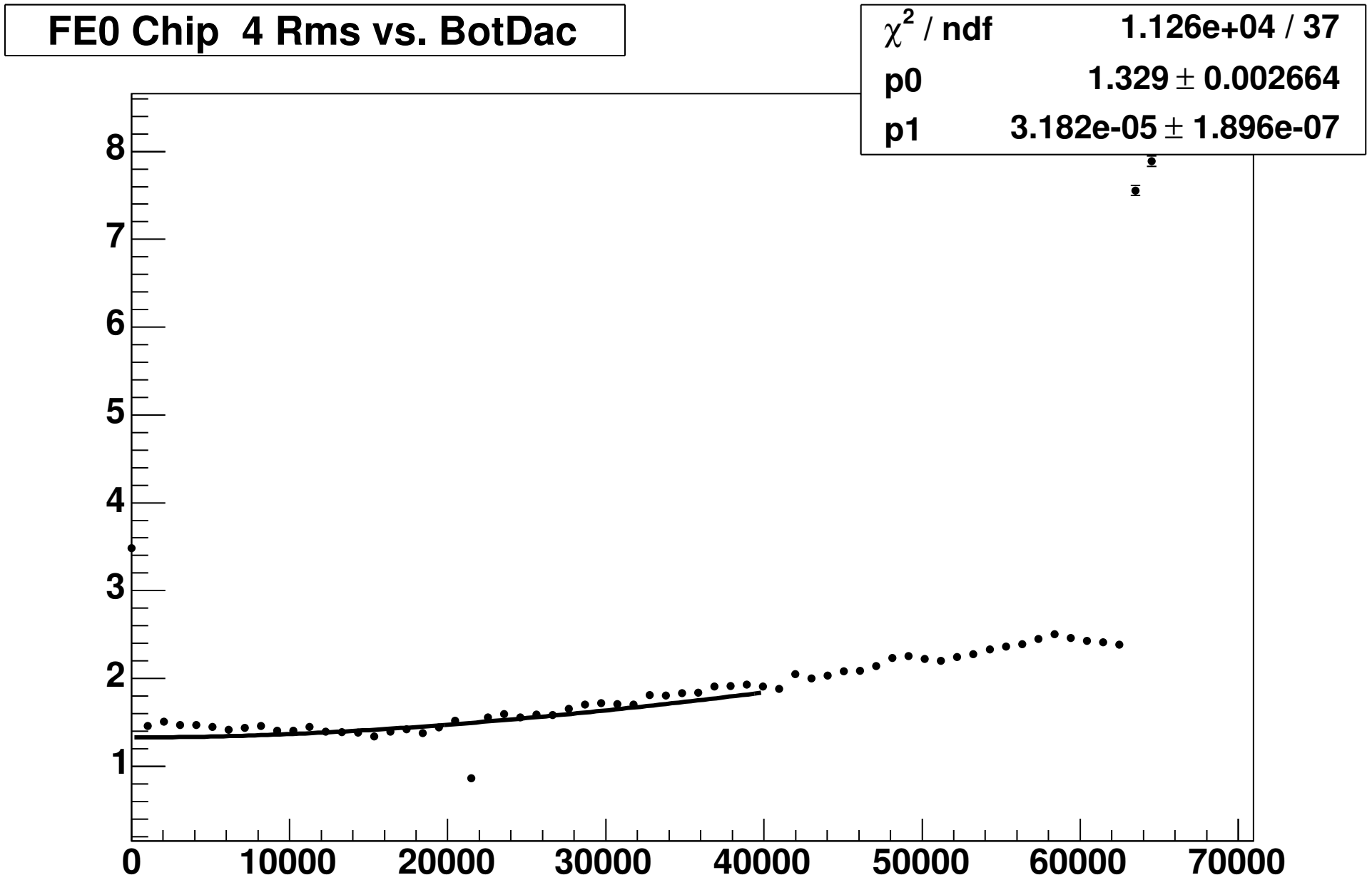
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 4 Rms vs. BotDac
χ² / ndf 1.126e+04 / 37
p0 1.329 ± 0.002664
p1 3.182e-05 ± 1.896e-07
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7
6
5
4
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2
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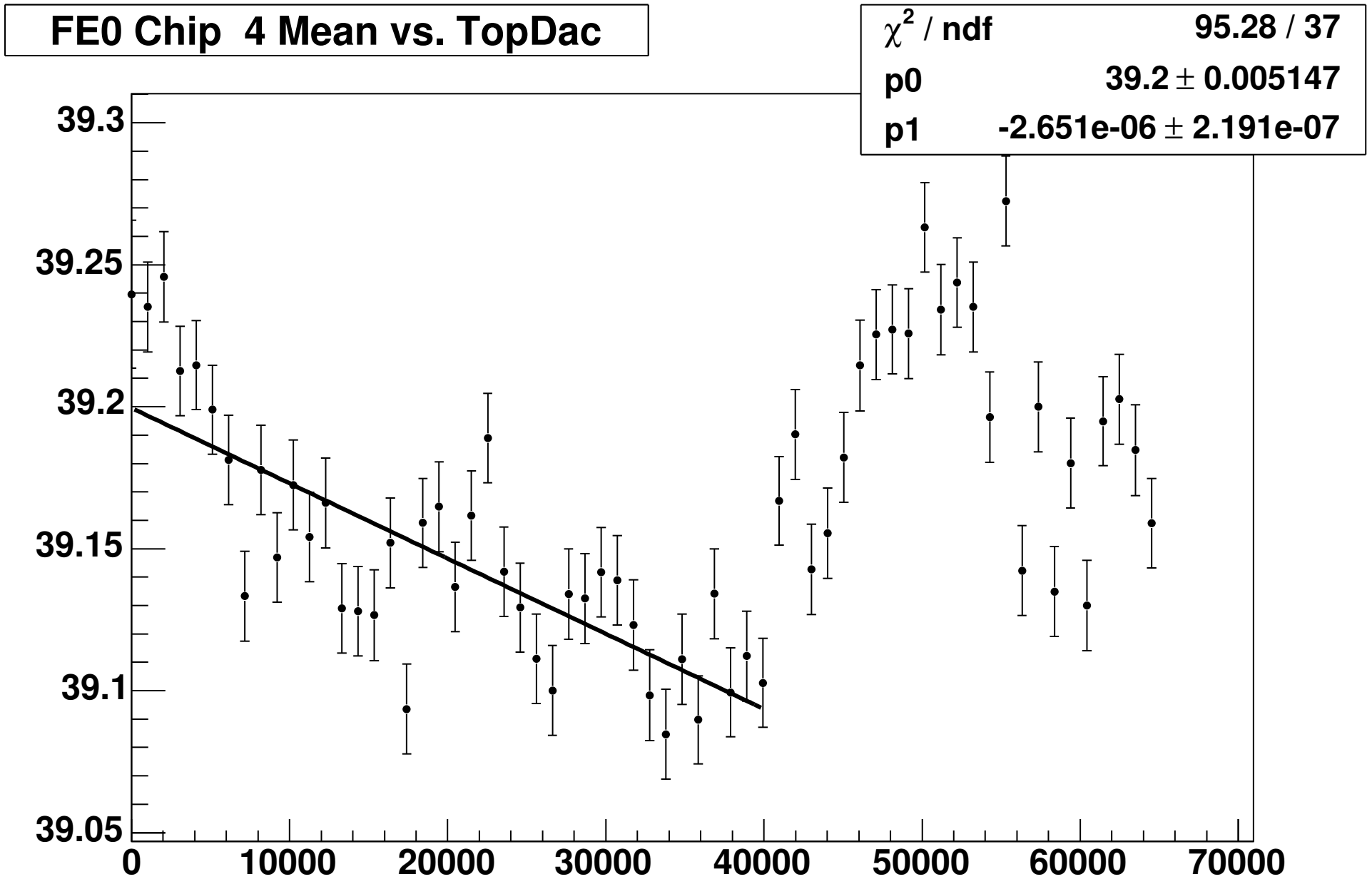
70000


FE0 Chip 4 Mean vs. TopDac
χ² / ndf 95.28 / 37
p0 39.2 ± 0.005147
p1 -2.651e-06 ± 2.191e-07
39.3
39.25
39.2
39.15
39.1
39.05
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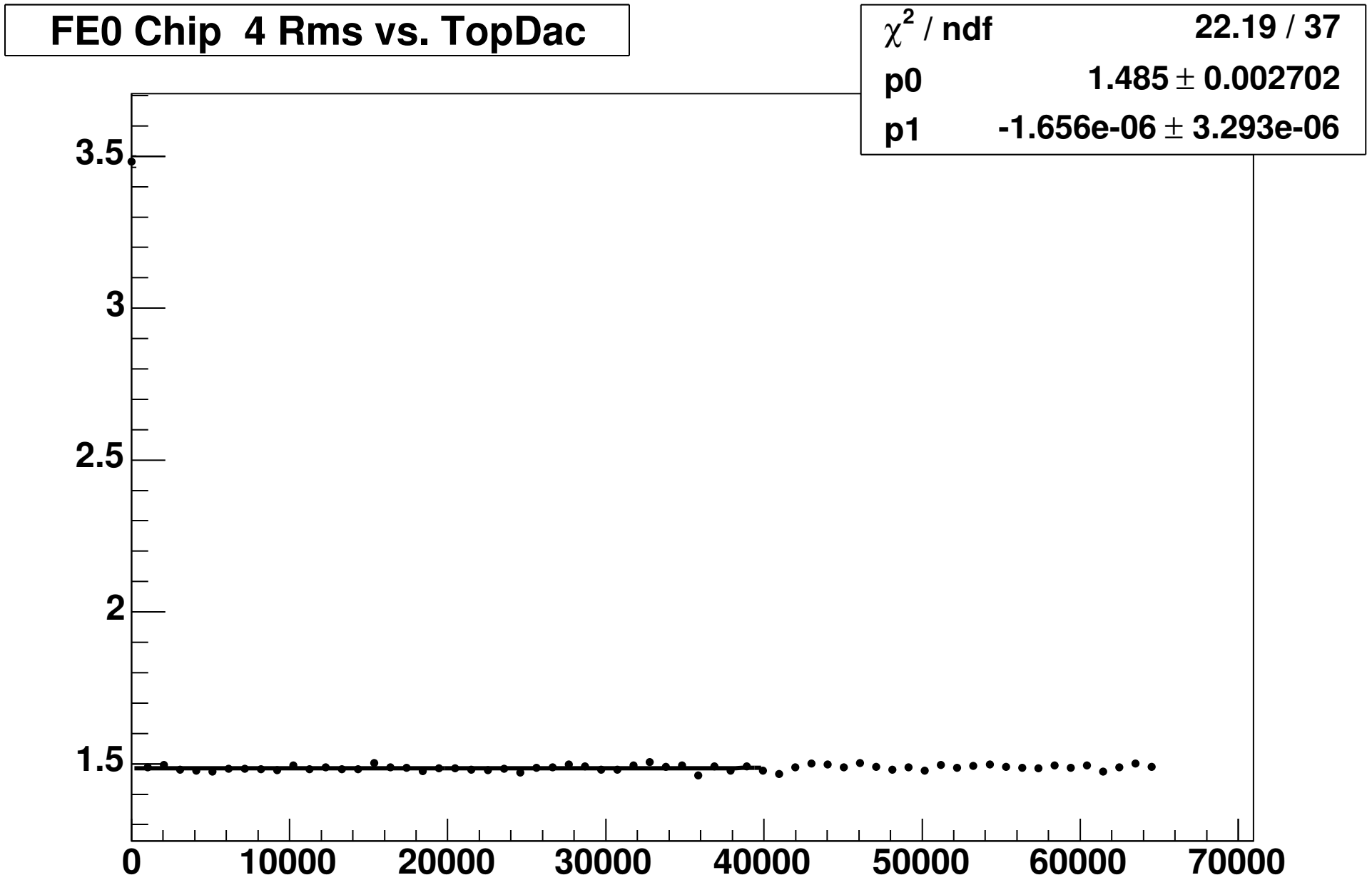
FE0 Chip 4 Rms vs. TopDac
χ² / ndf 22.19 / 37
p0 1.485 ± 0.002702
p1 -1.656e-06 ± 3.293e-06
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3
2.5
2
1.5
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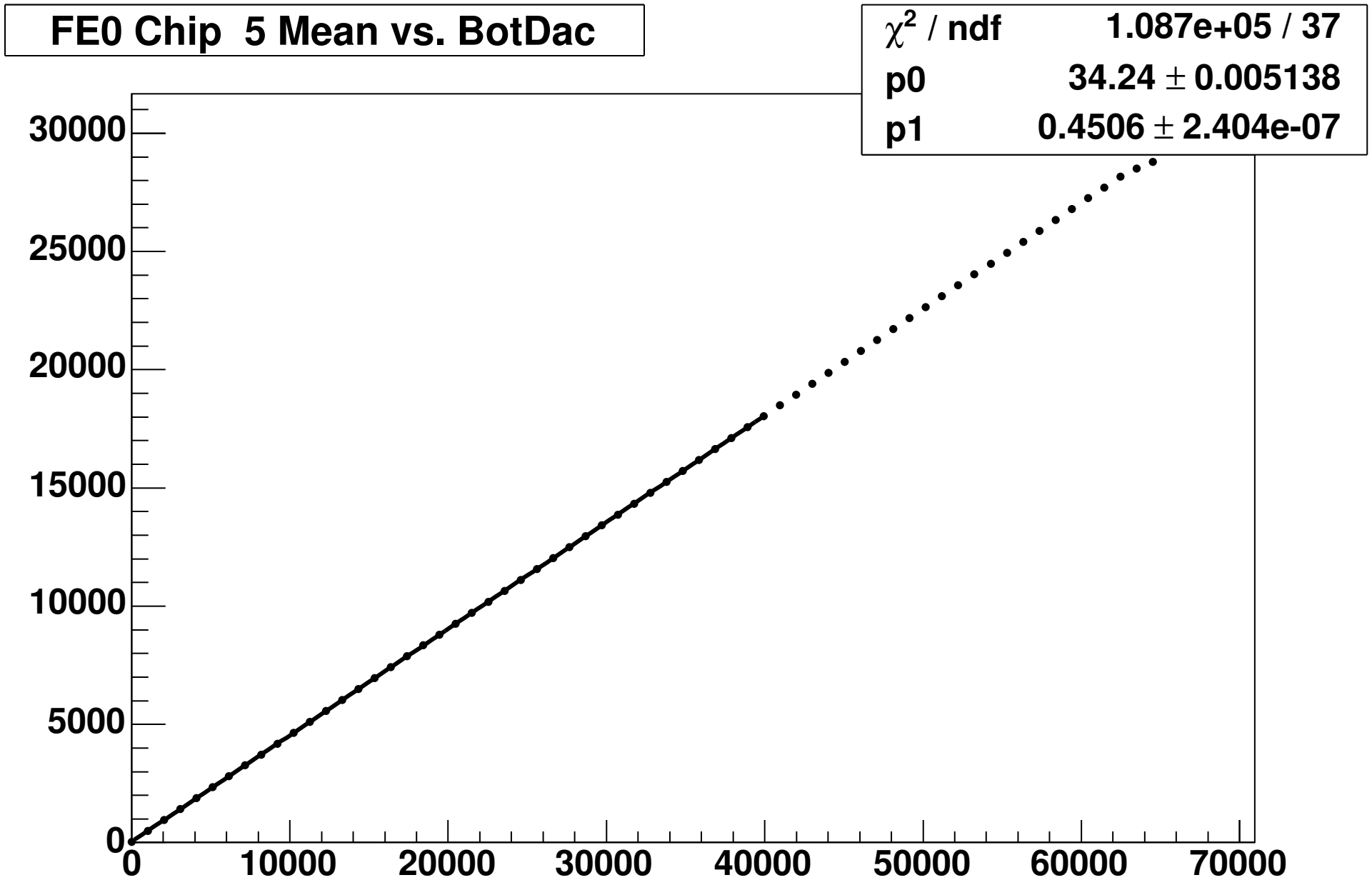
FE0 Chip 5 Mean vs. BotDac
χ² / ndf 1.087e+05 / 37
p0 34.24 ± 0.005138
p1 0.4506 ± 2.404e-07
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15000
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5000
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10000
20000
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50000
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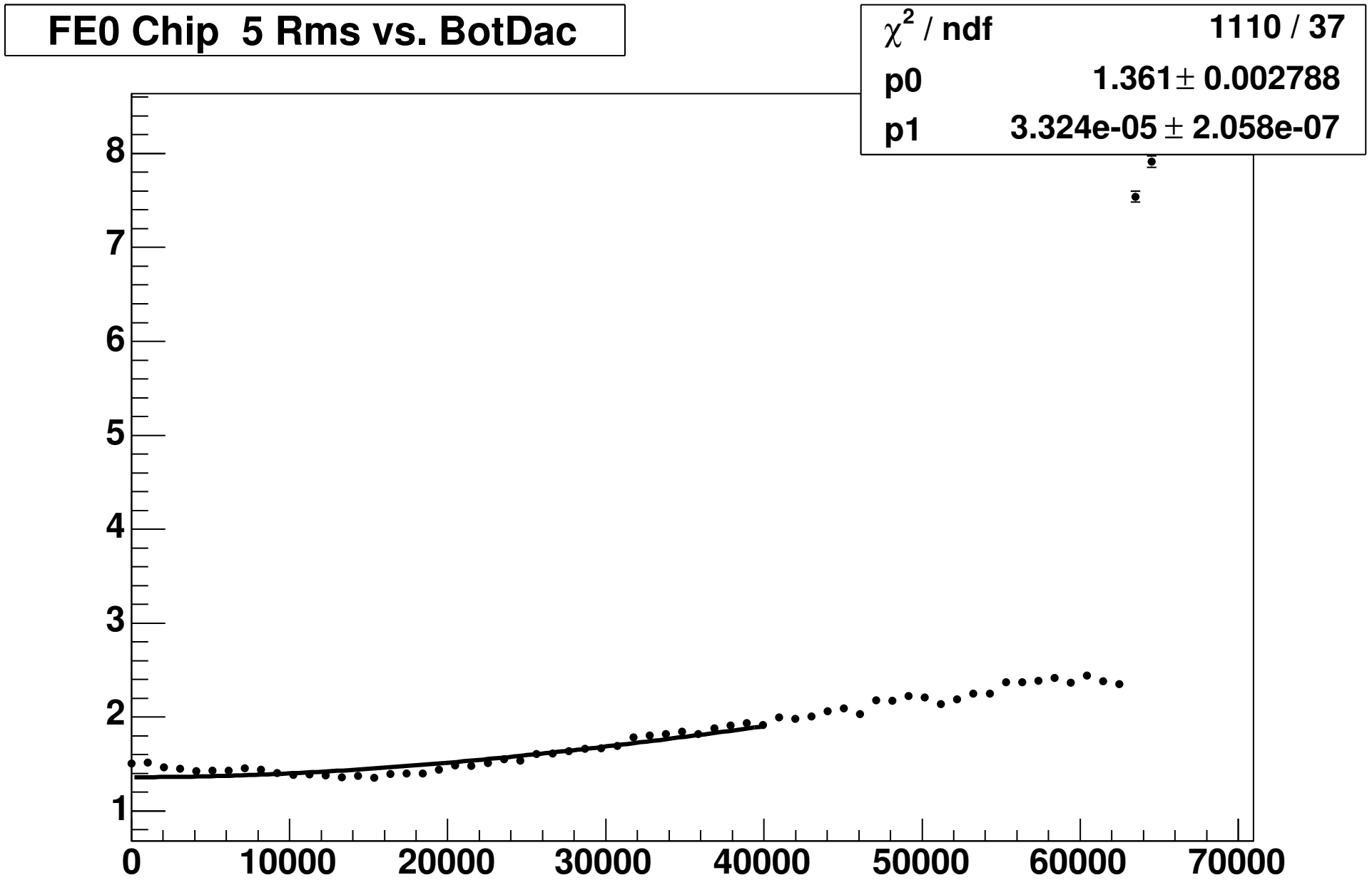
FE0 Chip 5 Rms vs. BotDac
χ² / ndf 1110 / 37
p0 1.361 ± 0.002788
p1 3.324e-05 ± 2.058e-07
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7
6
5
4
3
2
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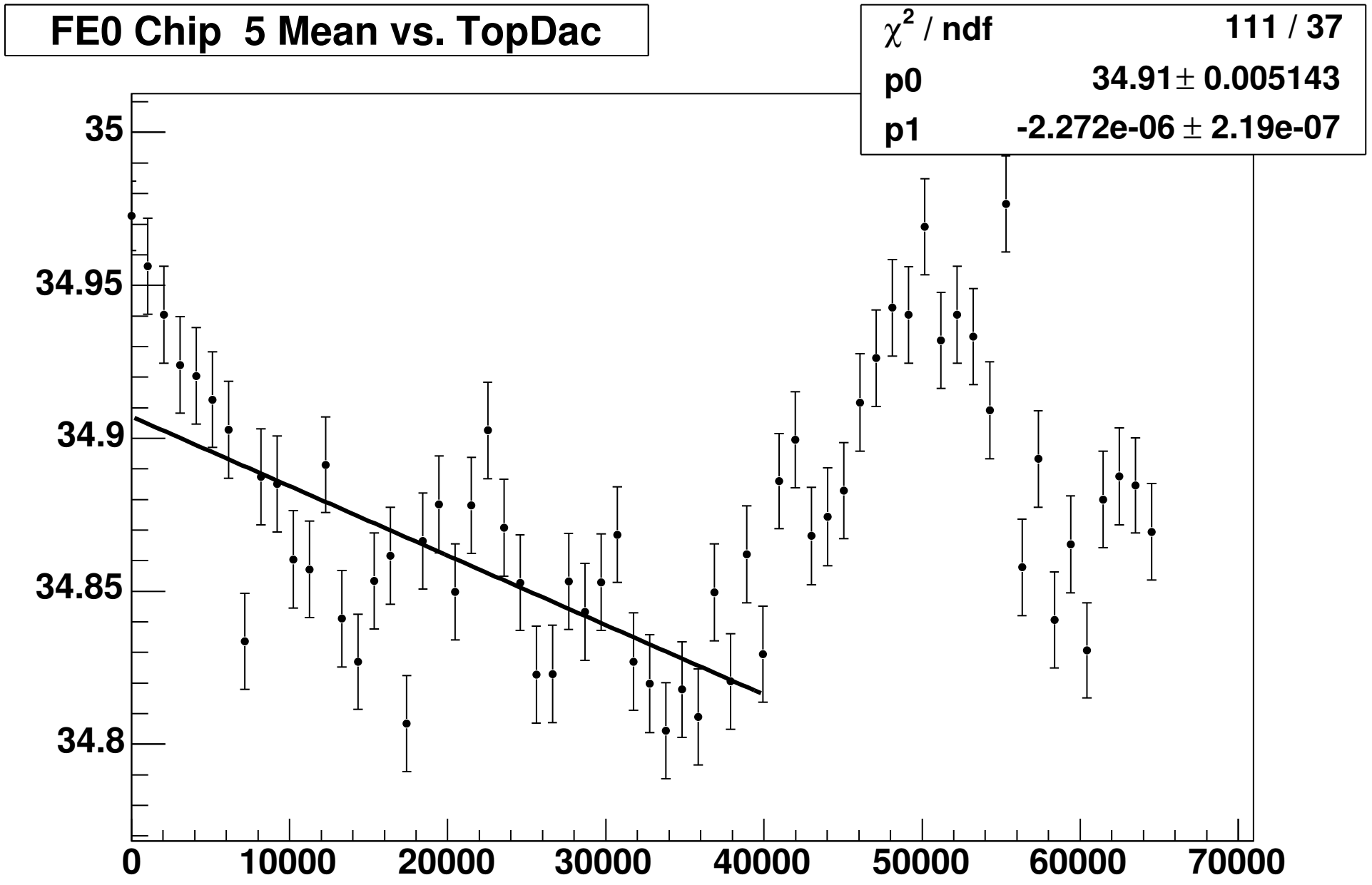
FE0 Chip 5 Mean vs. TopDac
χ² / ndf 111 / 37
p0 34.91 ± 0.005143
p1 -2.272e-06 ± 2.19e-07
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34.95
34.9
34.85
34.8
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20000
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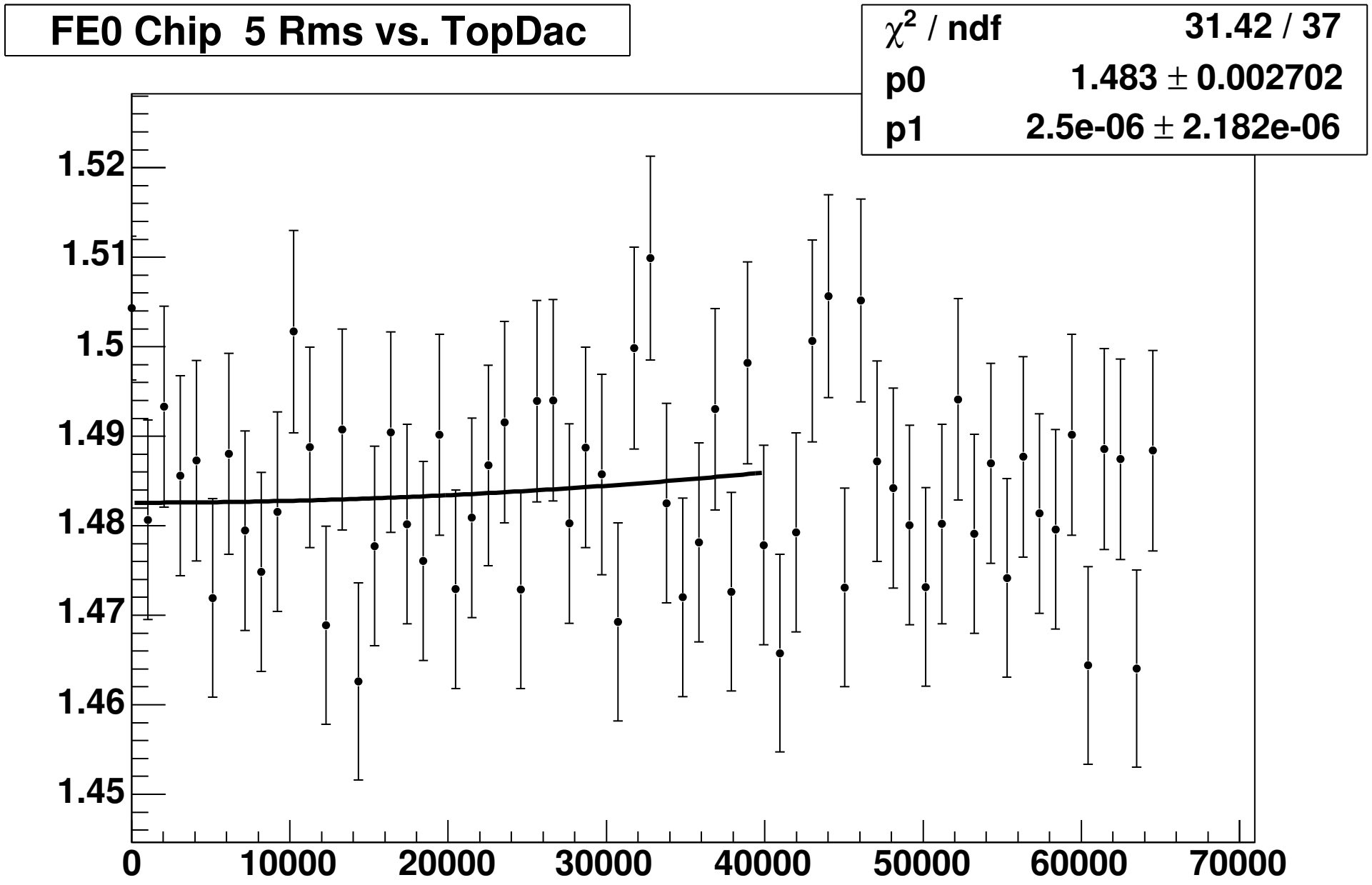
FE0 Chip 5 Rms vs. TopDac
χ² / ndf 31.42 / 37
p0 1.483 ± 0.002702
p1 2.5e-06 ± 2.182e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
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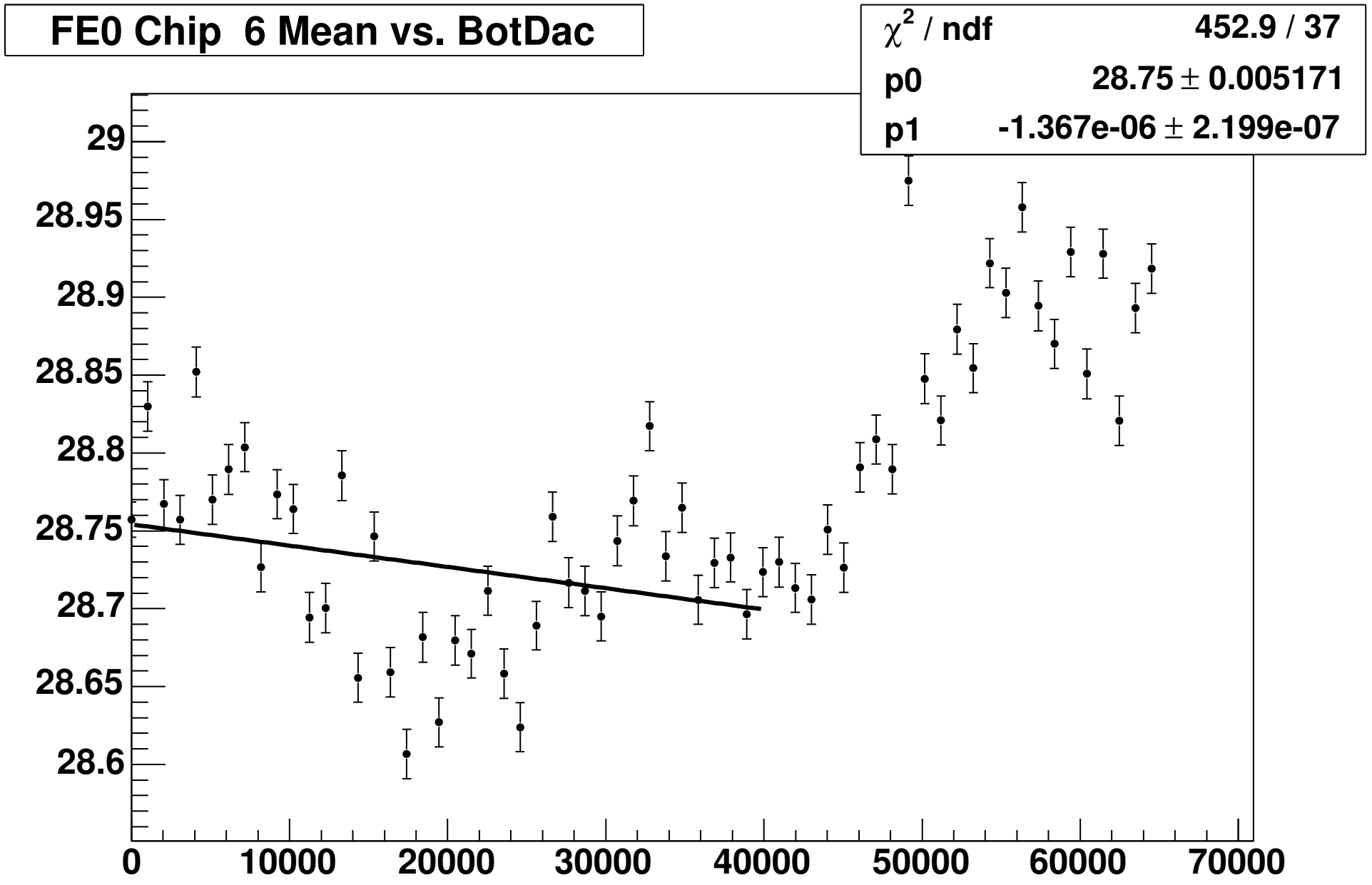
FE0 Chip 6 Mean vs. BotDac
χ² / ndf 452.9 / 37
p0 28.75 ± 0.005171
p1 -1.367e-06 ± 2.199e-07
29
28.95
28.9
28.85
28.8
28.75
28.7
28.65
28.6
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10000
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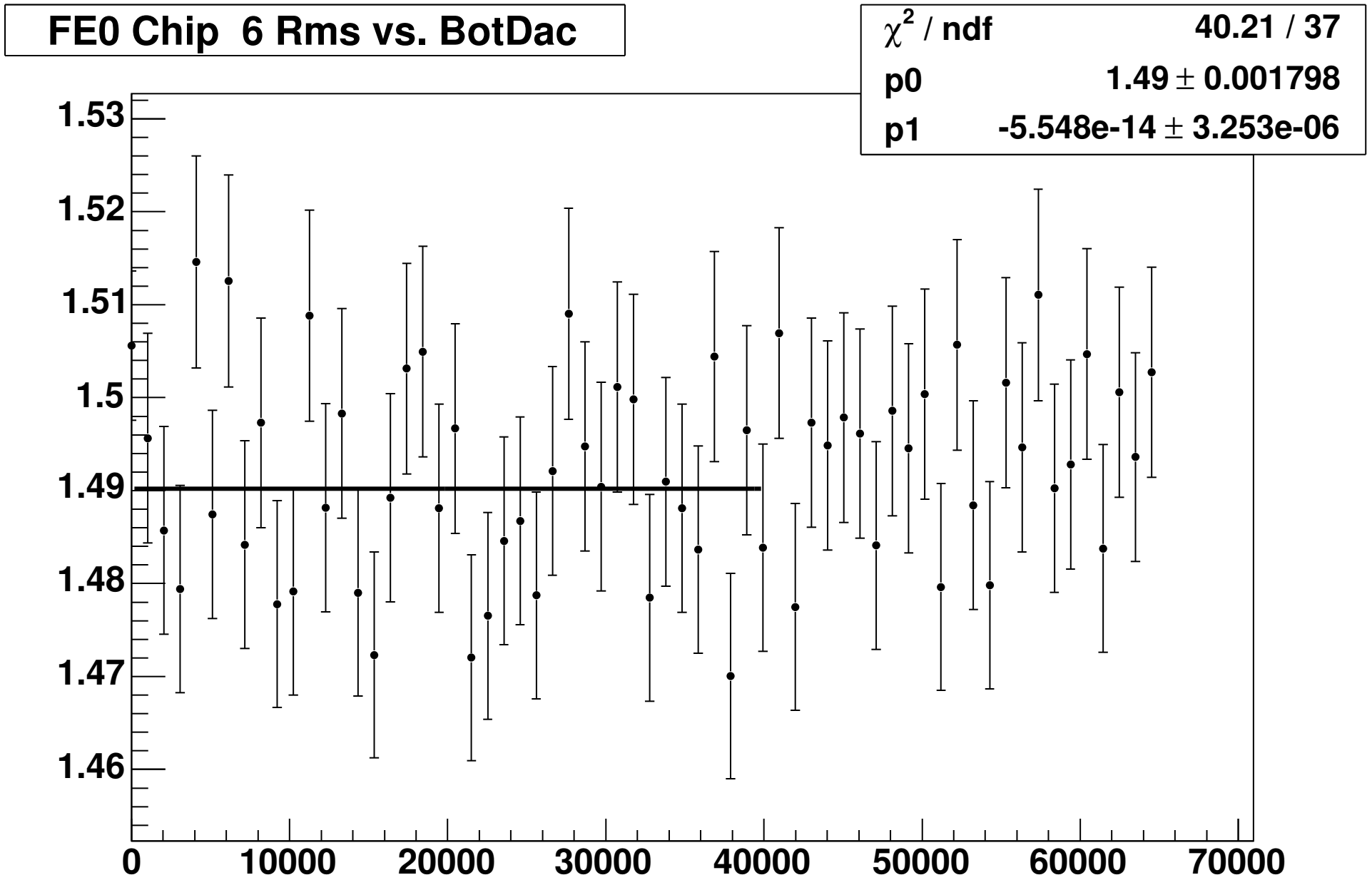
70000


FE0 Chip 6 Rms vs. BotDac
χ² / ndf 40.21 / 37
p0 1.49 ± 0.001798
p1 -5.548e-14 ± 3.253e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
0
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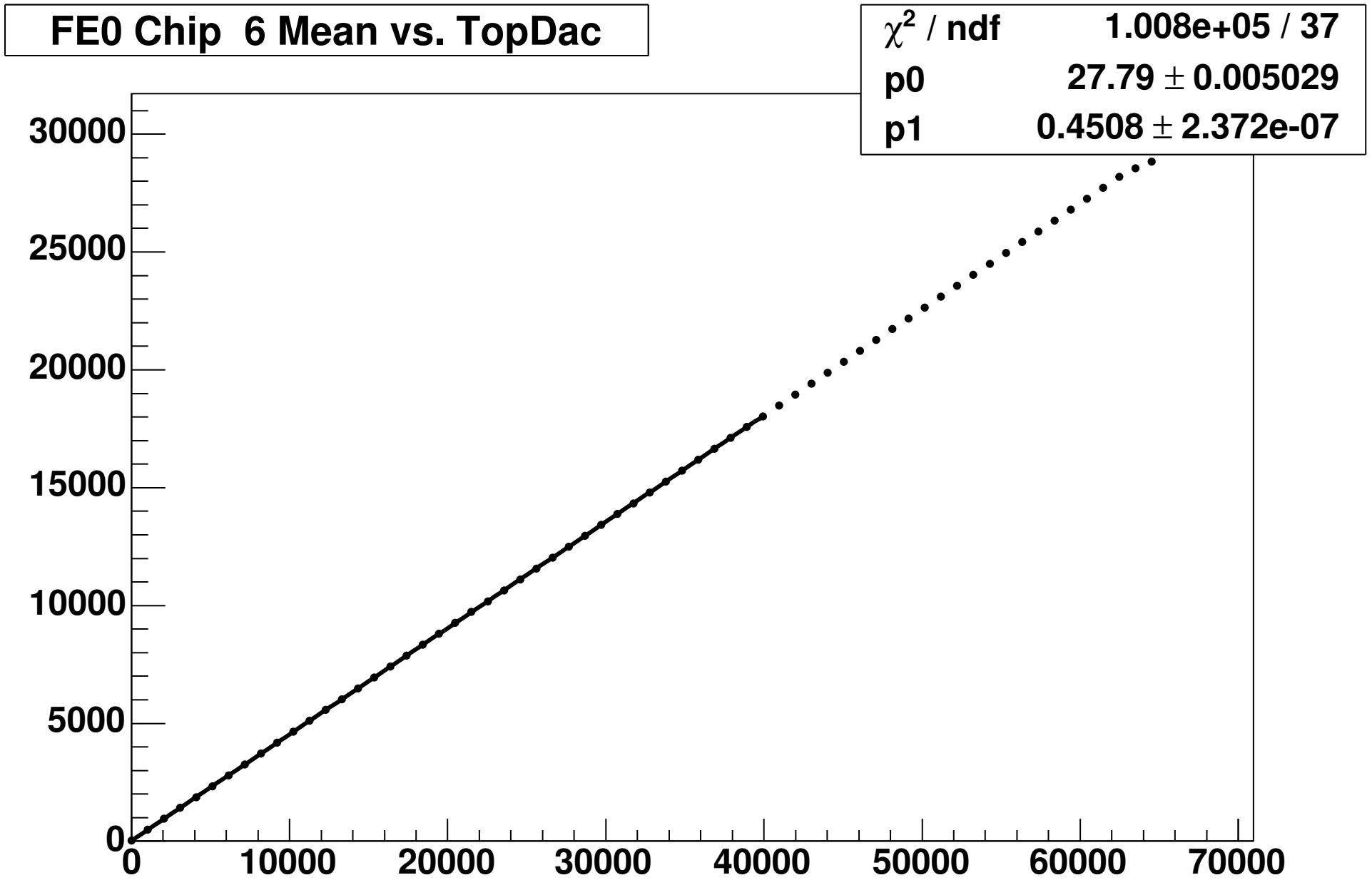
FE0 Chip 6 Mean vs. TopDac
χ² / ndf 1.008e+05 / 37
p0 27.79 ± 0.005029
p1 0.4508 ± 2.372e-07
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25000
20000
15000
10000
5000
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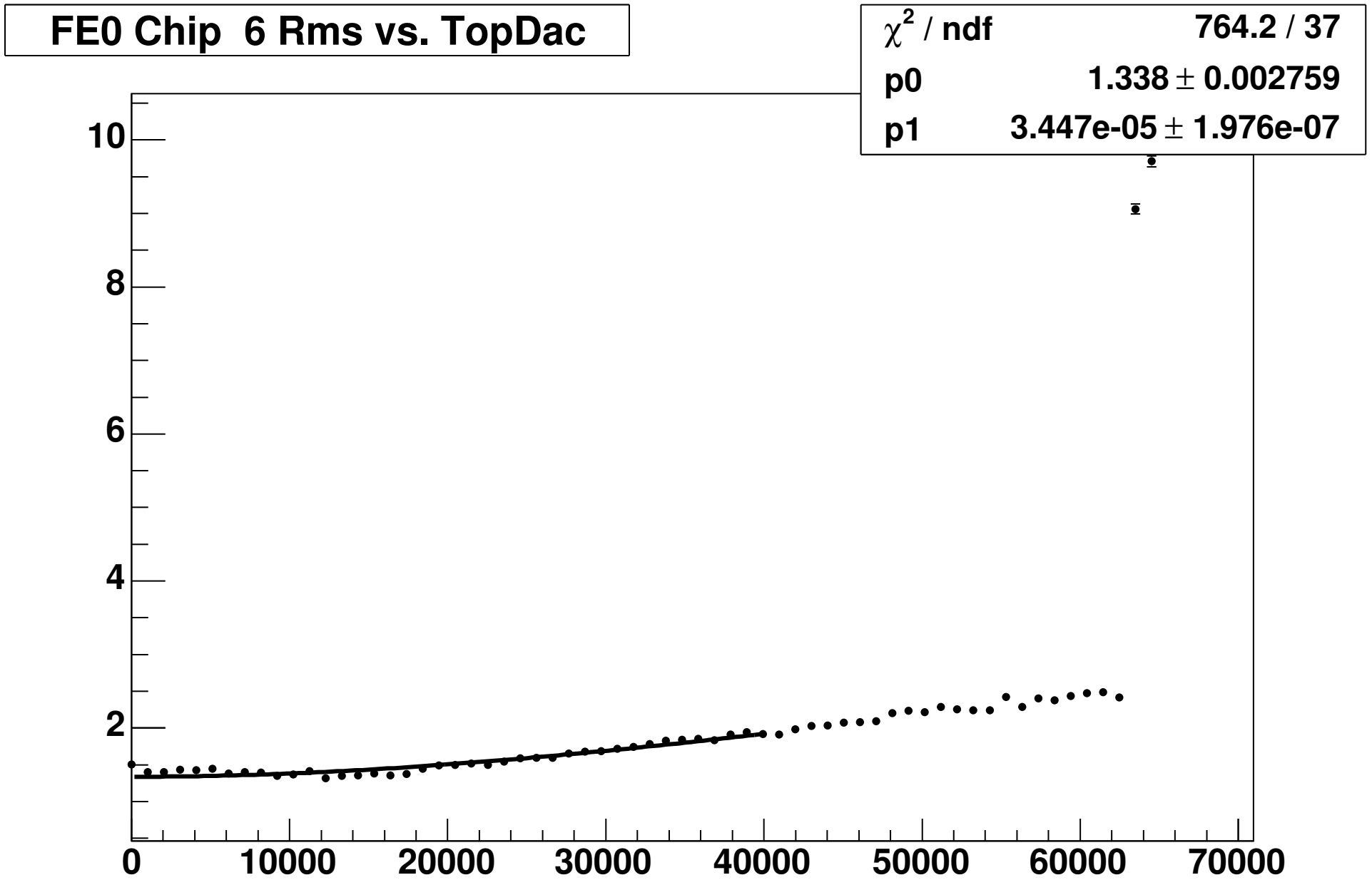
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 6 Rms vs. TopDac
χ² / ndf 764.2 / 37
p0 1.338 ± 0.002759
p1 3.447e-05 ± 1.976e-07
10
8
6
4
2
0
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20000
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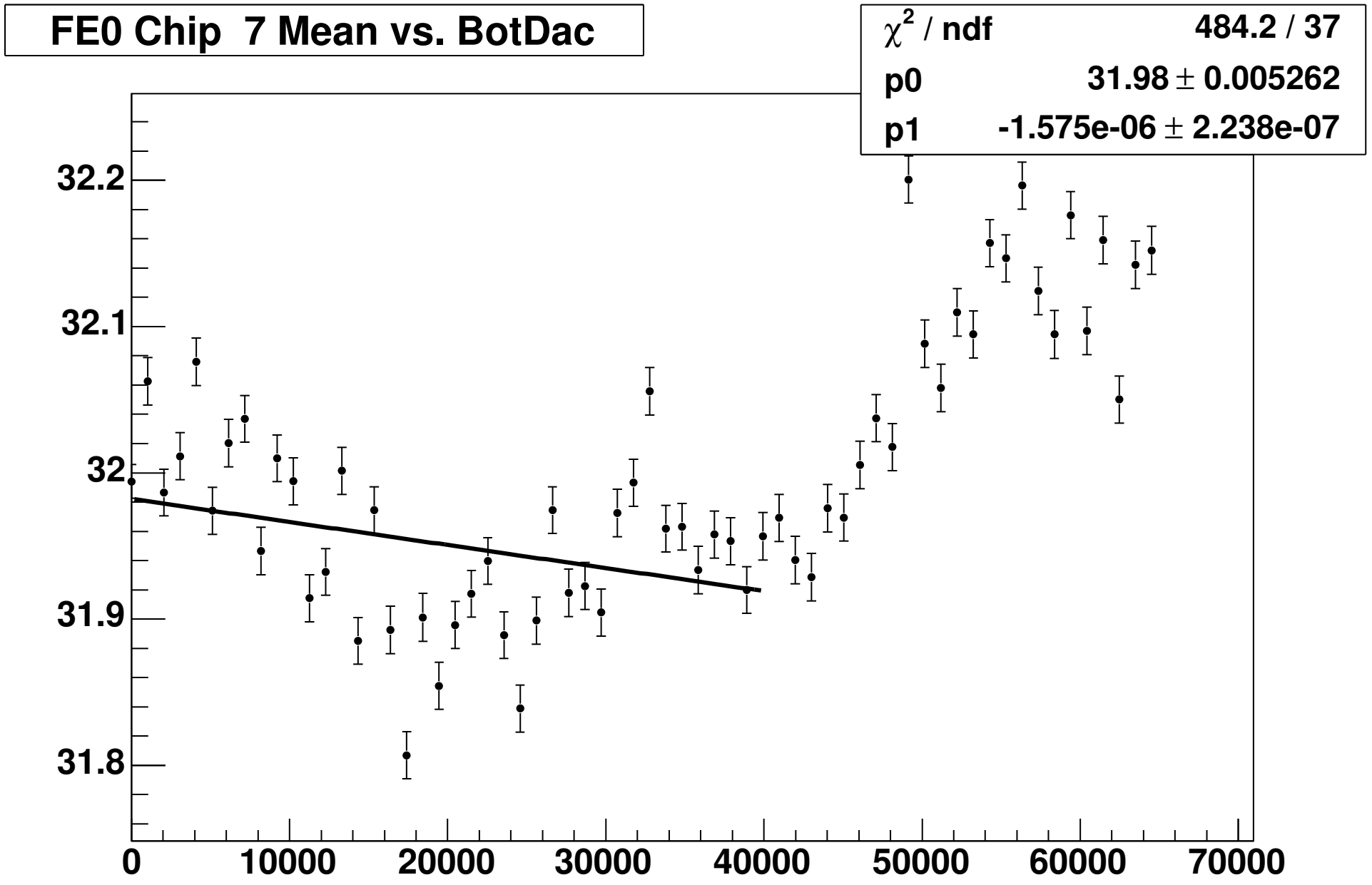
40000
50000
60000
70000


FE0 Chip 7 Mean vs. BotDac
χ² / ndf 484.2 / 37
p0 31.98 ± 0.005262
p1 -1.575e-06 ± 2.238e-07
32.2
32.1
32
31.9
31.8
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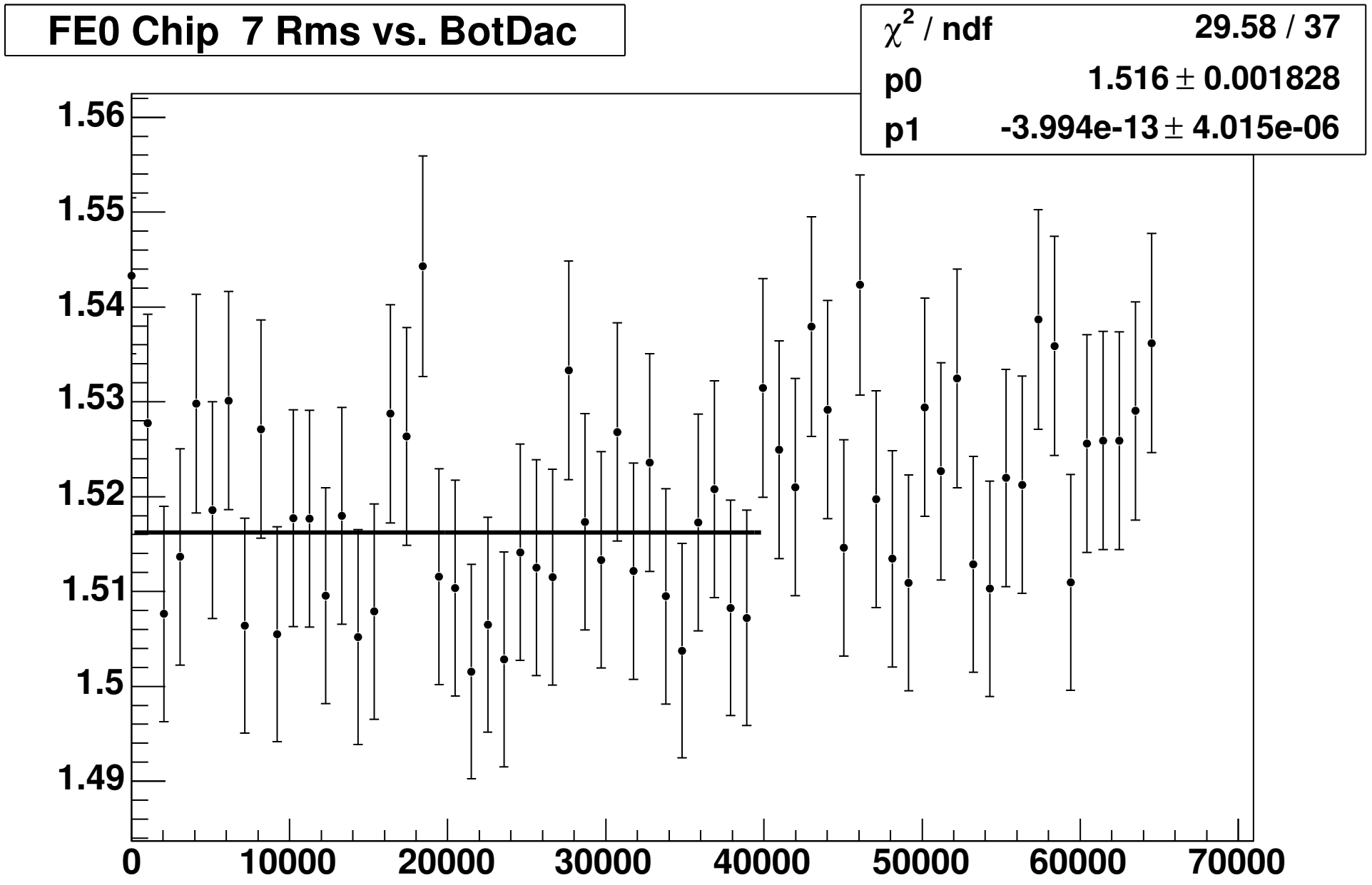
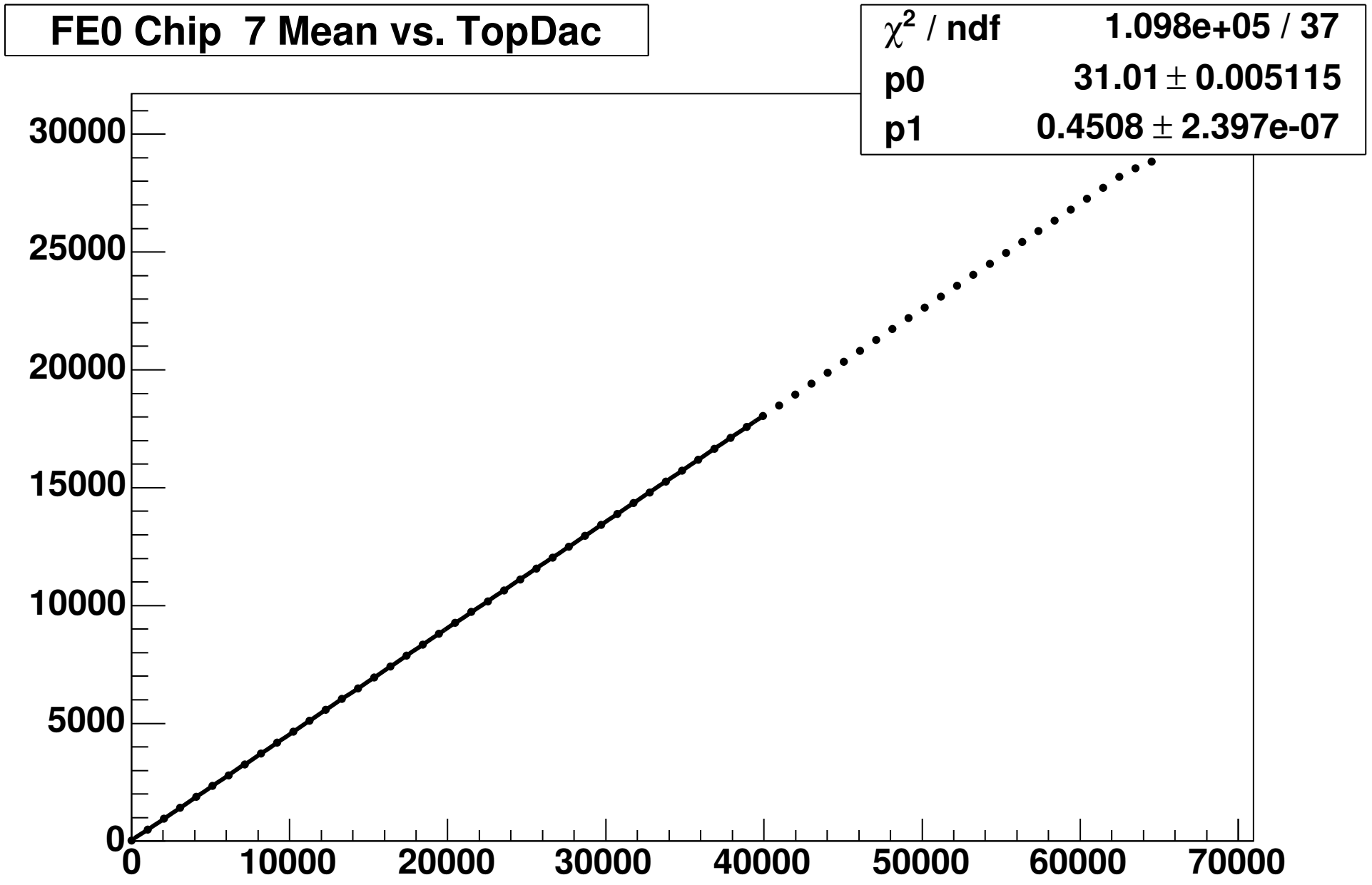
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 7 Rms vs. BotDac
χ² / ndf 29.58 / 37
p0 1.516 ± 0.001828
p1 -3.994e-13 ± 4.015e-06
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 7 Mean vs. TopDac
χ² / ndf 1.098e+05 / 37
p0 31.01 ± 0.005115
p1 0.4508 ± 2.397e-07
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25000
20000
15000
10000
5000
0
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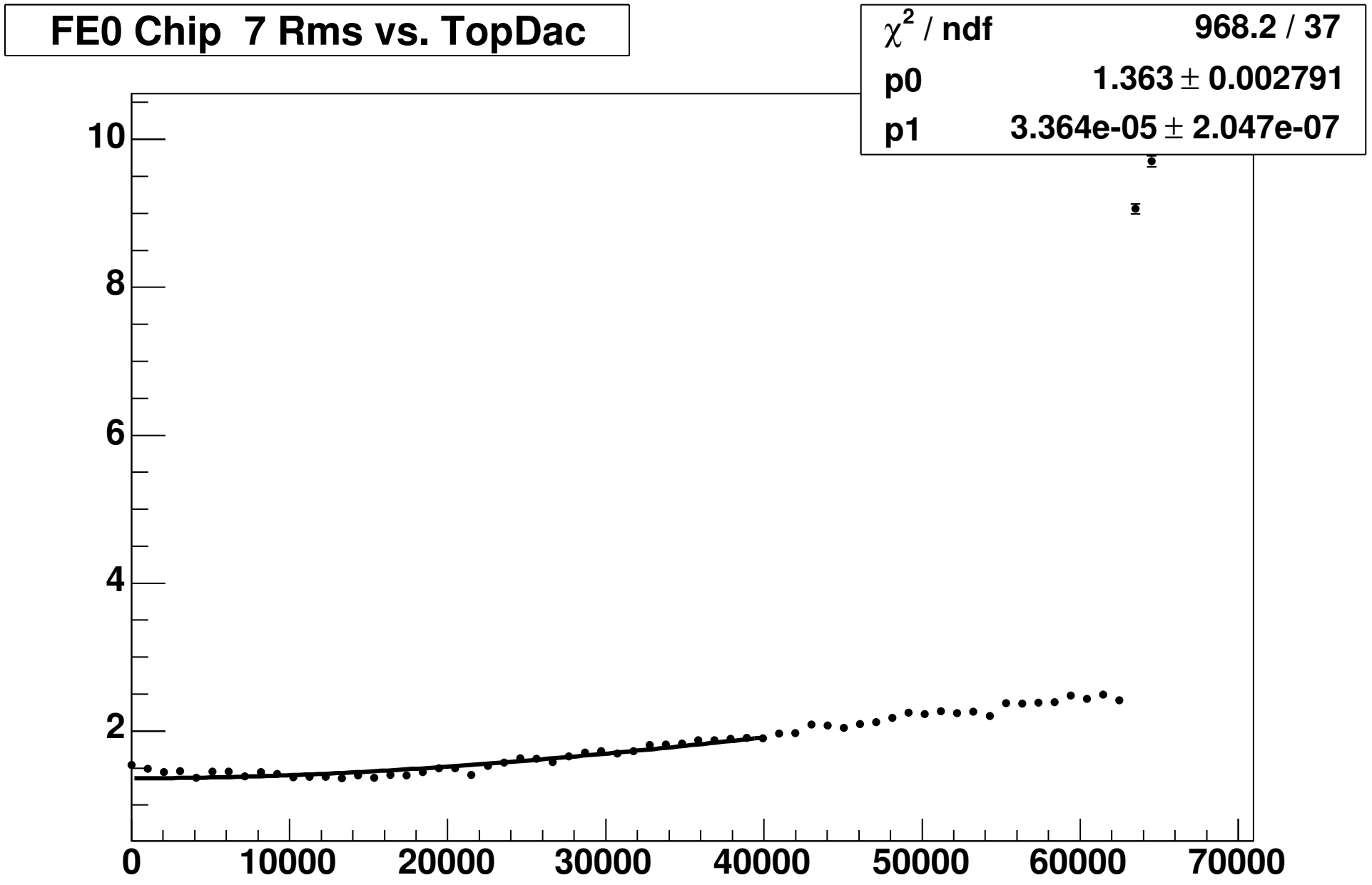
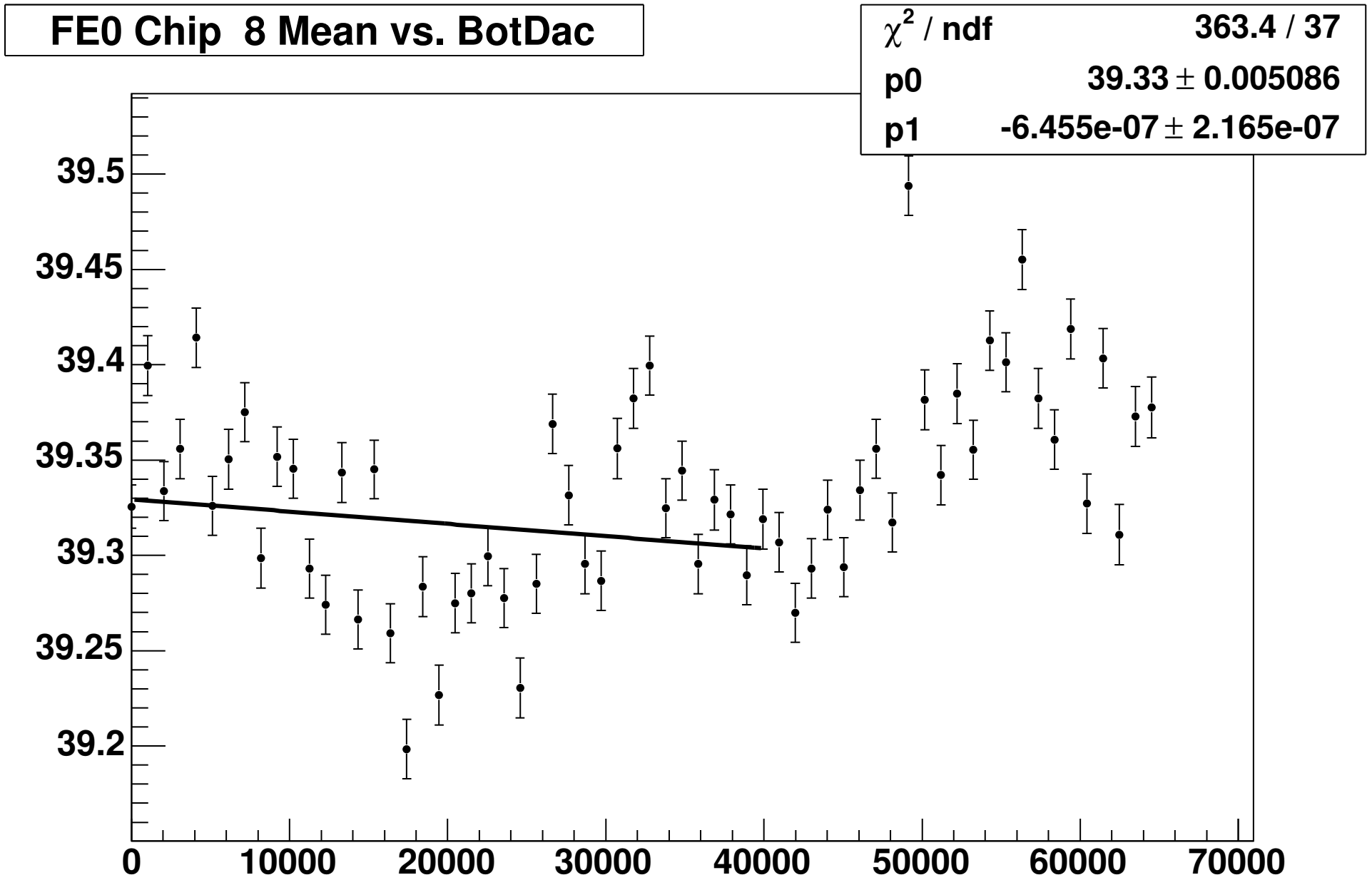
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 7 Rms vs. TopDac
χ² / ndf 968.2 / 37
p0 1.363 ± 0.002791
p1 3.364e-05 ± 2.047e-07
10
8
6
4
2
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 8 Mean vs. BotDac
χ² / ndf 363.4 / 37
p0 39.33 ± 0.005086
p1 -6.455e-07 ± 2.165e-07
39.5
39.45
39.4
39.35
39.3
39.25
39.2
0
10000
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30000
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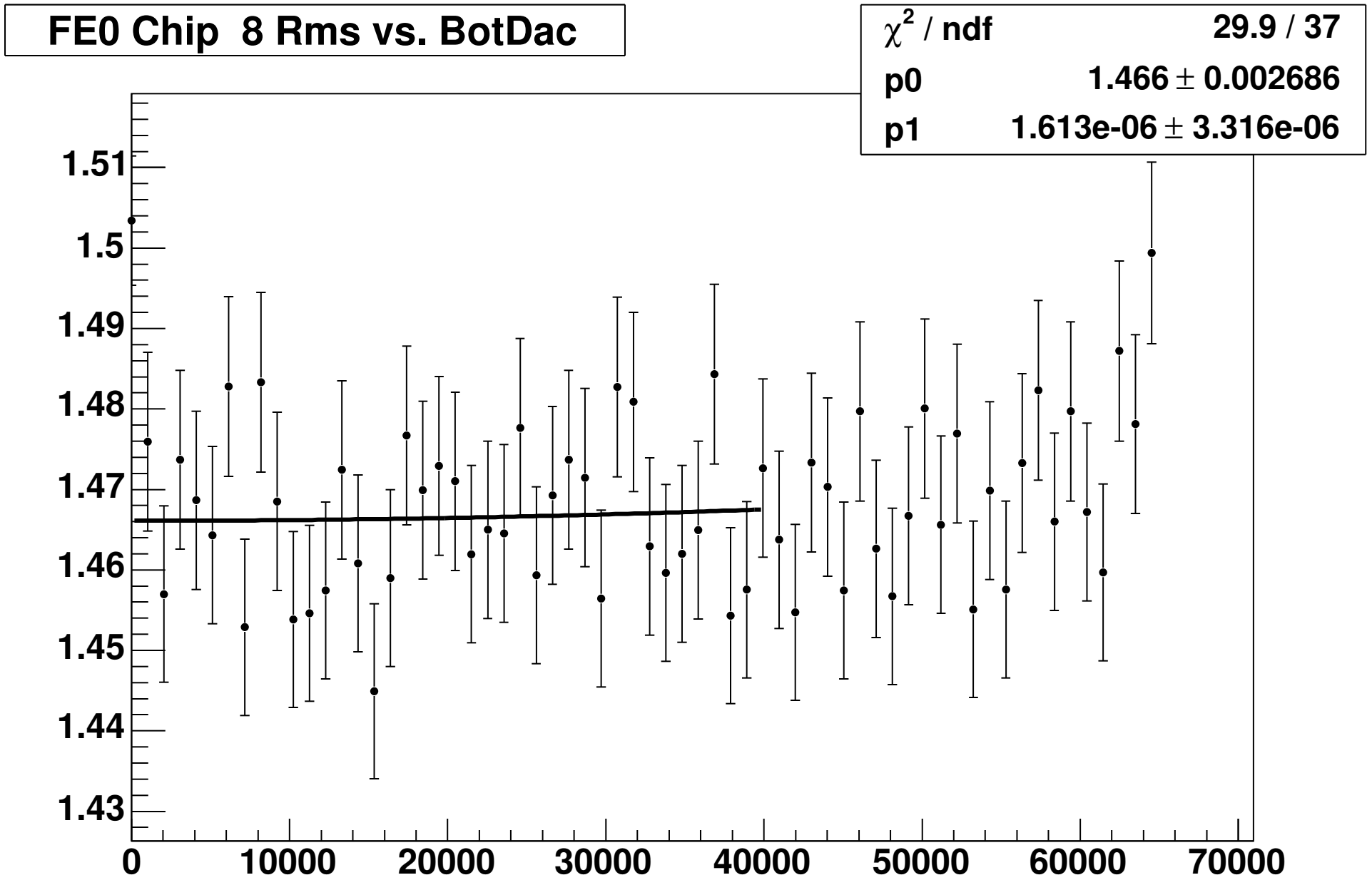
FE0 Chip 8 Rms vs. BotDac
χ² / ndf 29.9 / 37
p0 1.466 ± 0.002686
p1 1.613e-06 ± 3.316e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
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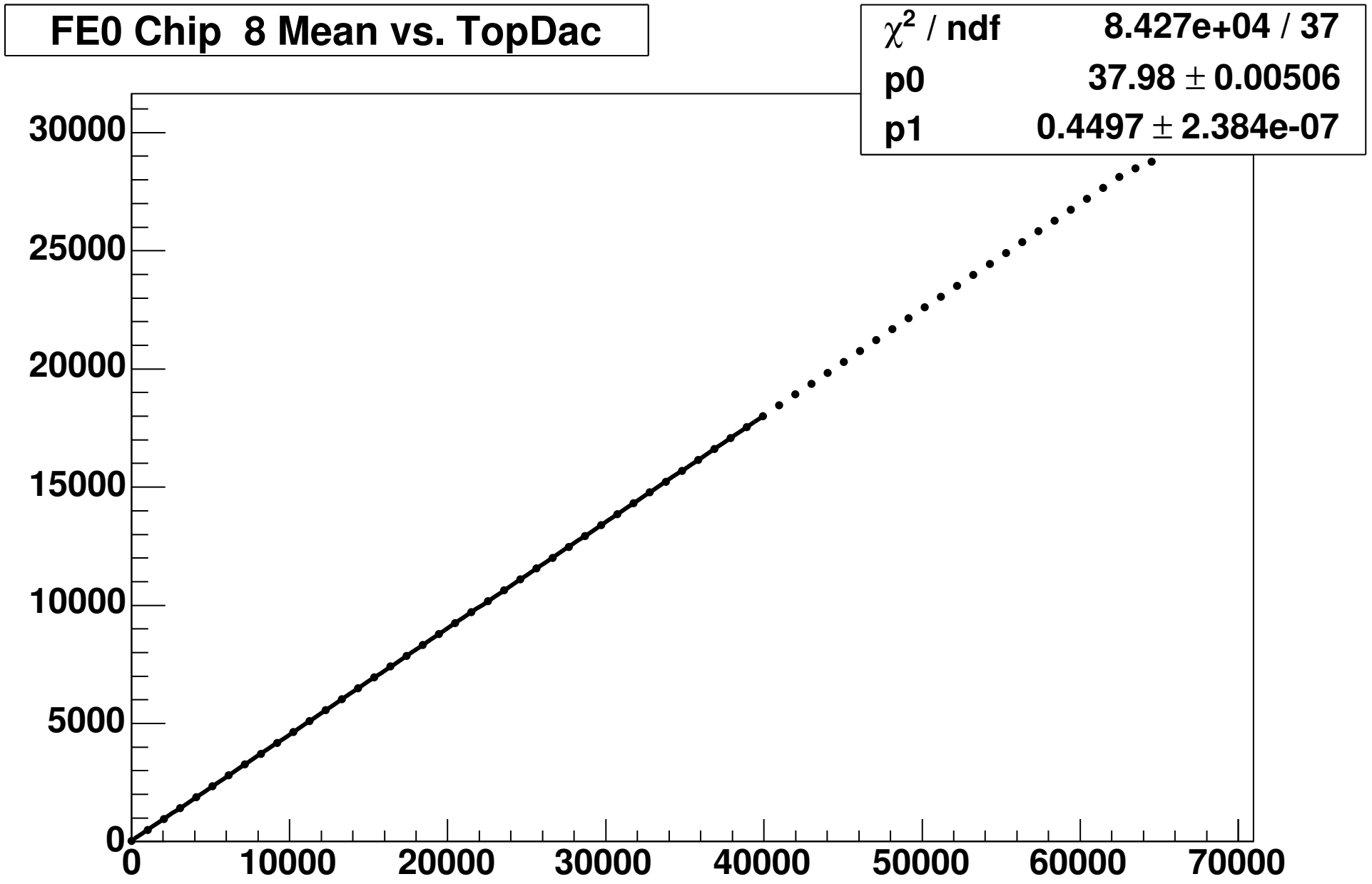
FE0 Chip 8 Mean vs. TopDac
χ² / ndf 8.427e+04 / 37
p0 37.98 ± 0.00506
p1 0.4497 ± 2.384e-07
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15000
10000
5000
0
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10000
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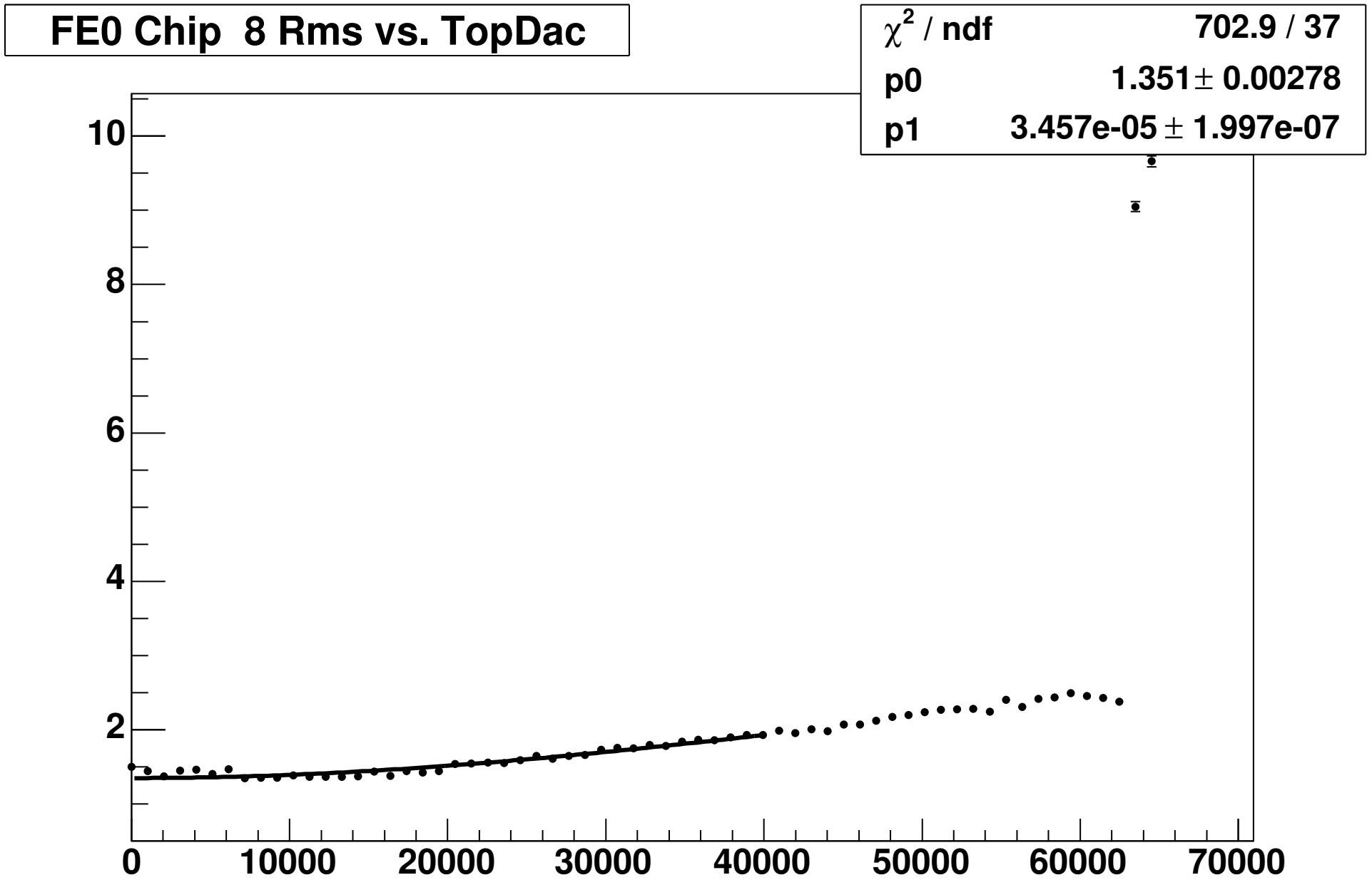
FE0 Chip 8 Rms vs. TopDac
χ² / ndf 702.9 / 37
p0 1.351 ± 0.00278
p1 3.457e-05 ± 1.997e-07
10
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6
4
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60000
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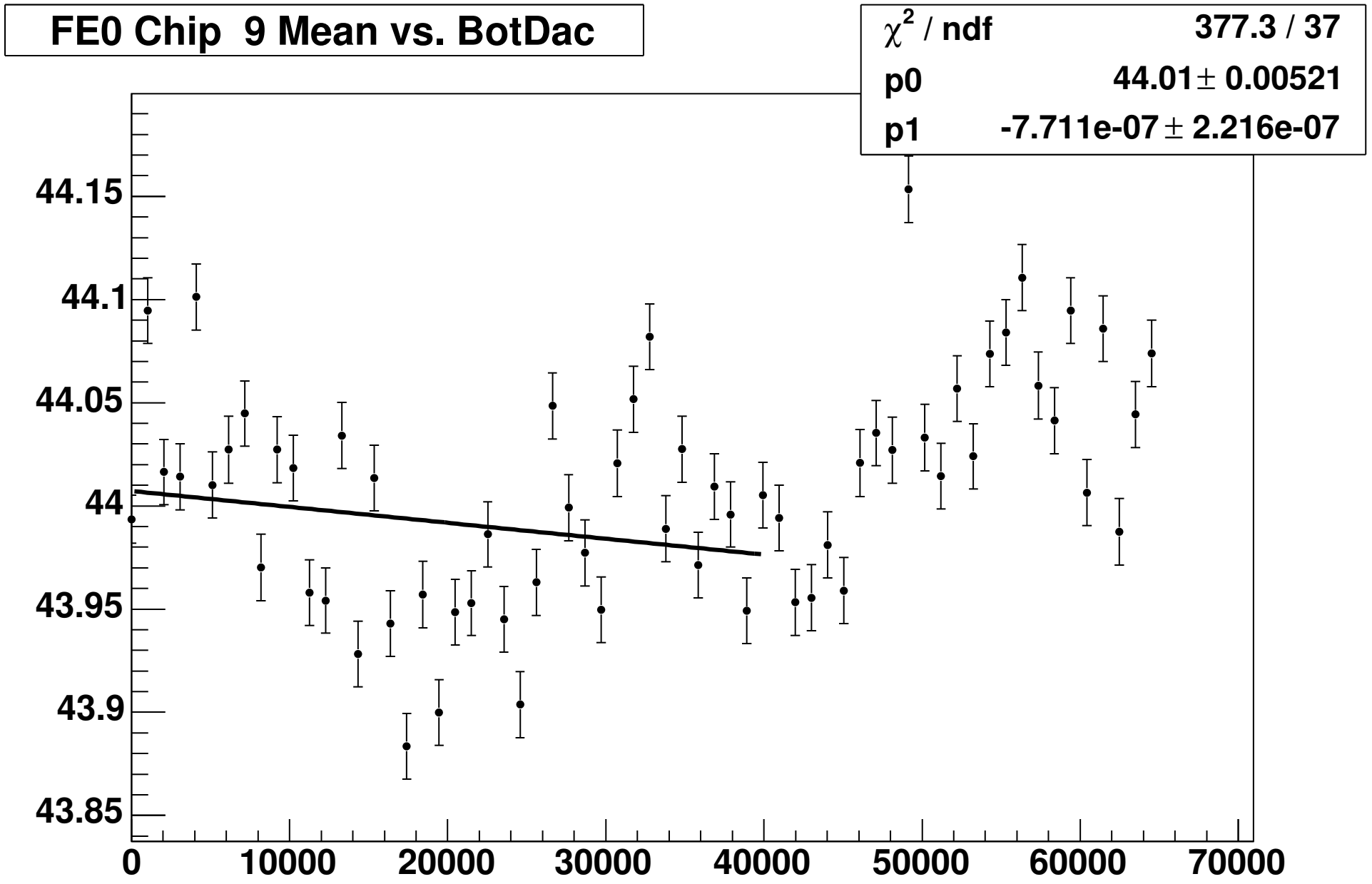
FE0 Chip 9 Mean vs. BotDac
χ² / ndf 377.3 / 37
p0 44.01 ± 0.00521
p1 -7.711e-07 ± 2.216e-07
44.15
44.1
44.05
44
43.95
43.9
43.85
0
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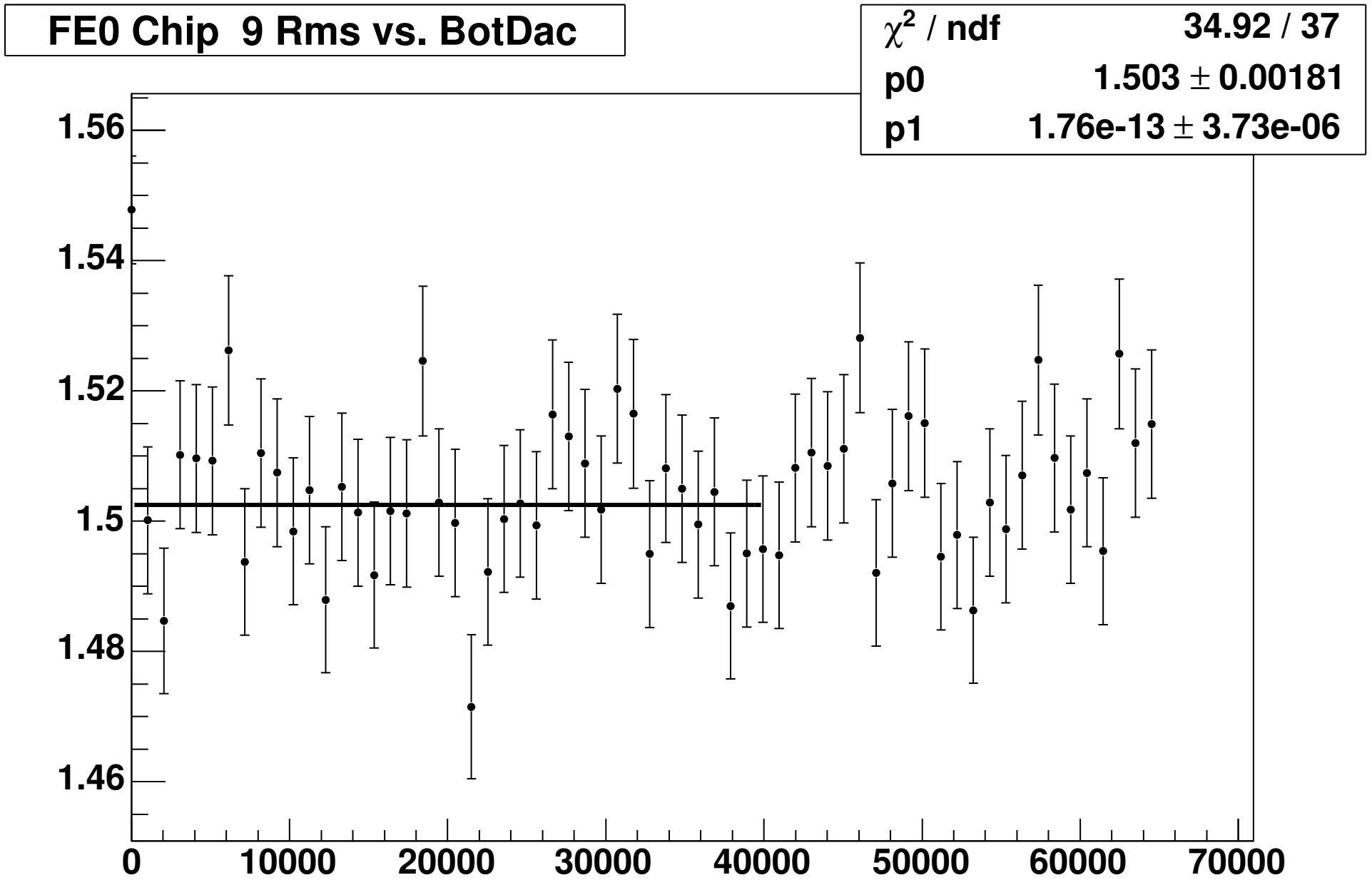
FE0 Chip 9 Rms vs. BotDac
χ² / ndf 34.92 / 37
p0 1.503 ± 0.00181
p1 1.76e-13 ± 3.73e-06
1.56
1.54
1.52
1.5
1.48
1.46
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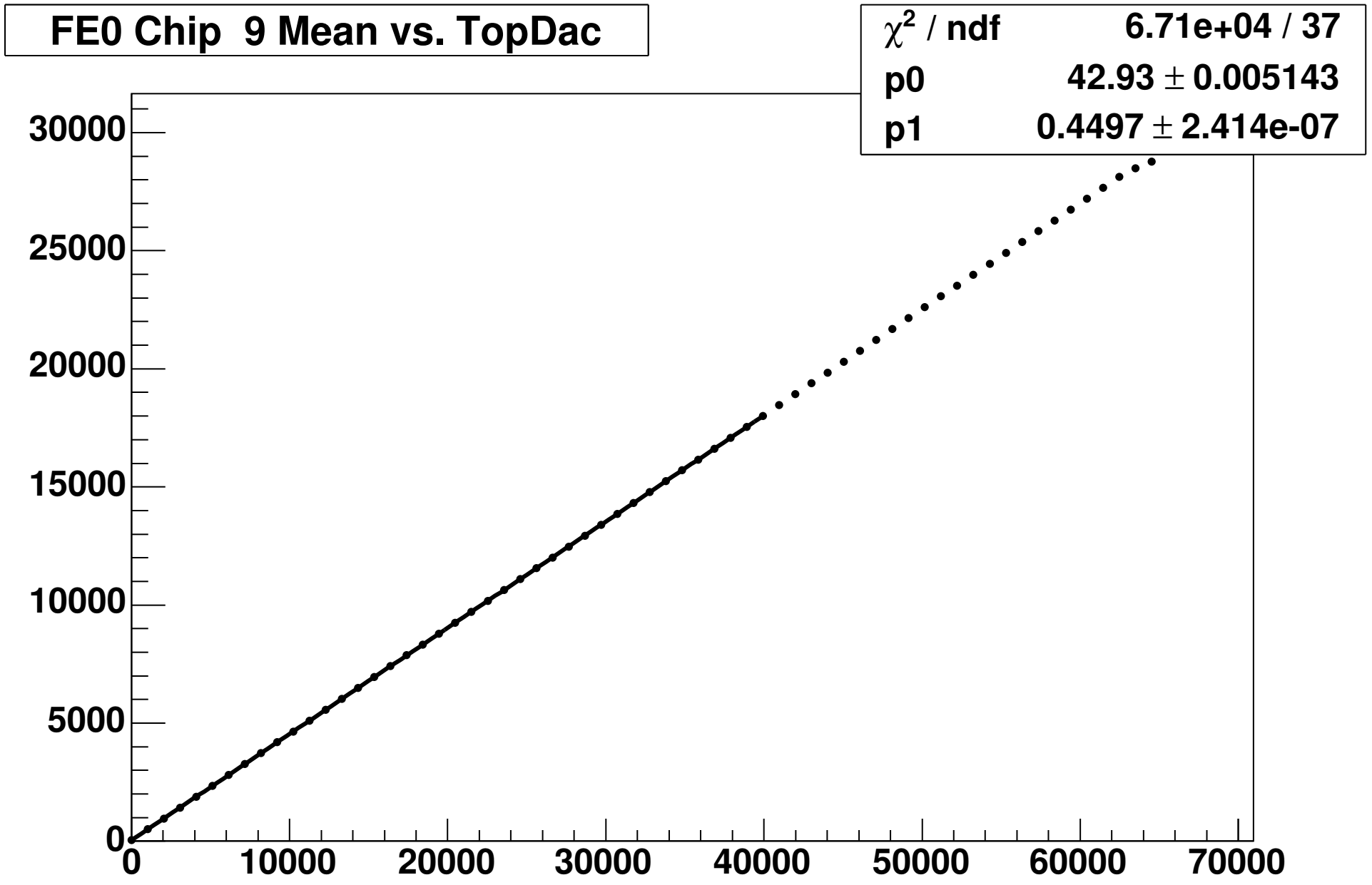
FE0 Chip 9 Mean vs. TopDac
χ² / ndf 6.71e+04 / 37
p0 42.93 ± 0.005143
p1 0.4497 ± 2.414e-07
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15000
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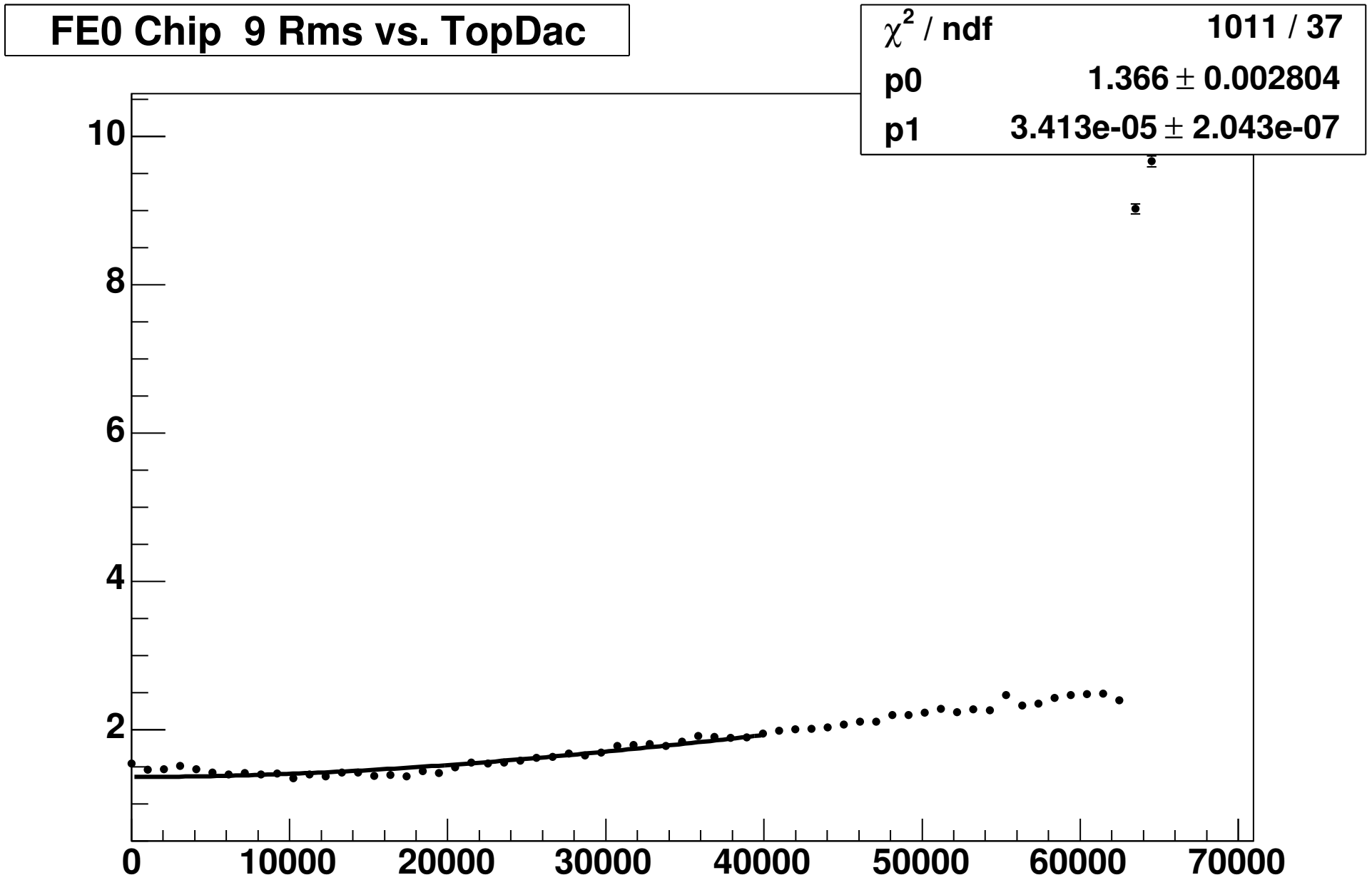
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 9 Rms vs. TopDac
χ² / ndf 1011 / 37
p0 1.366 ± 0.002804
p1 3.413e-05 ± 2.043e-07
10
8
6
4
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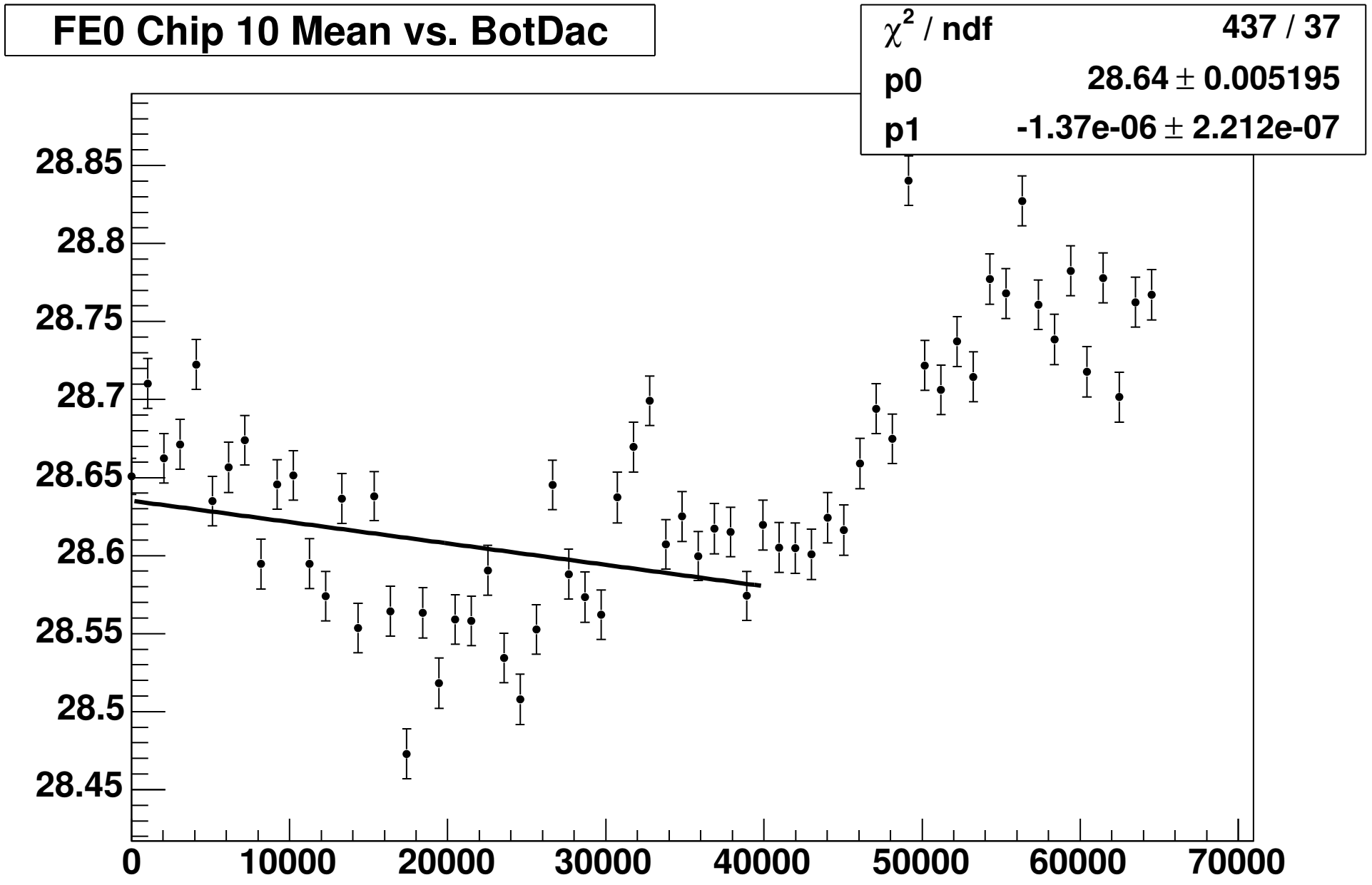
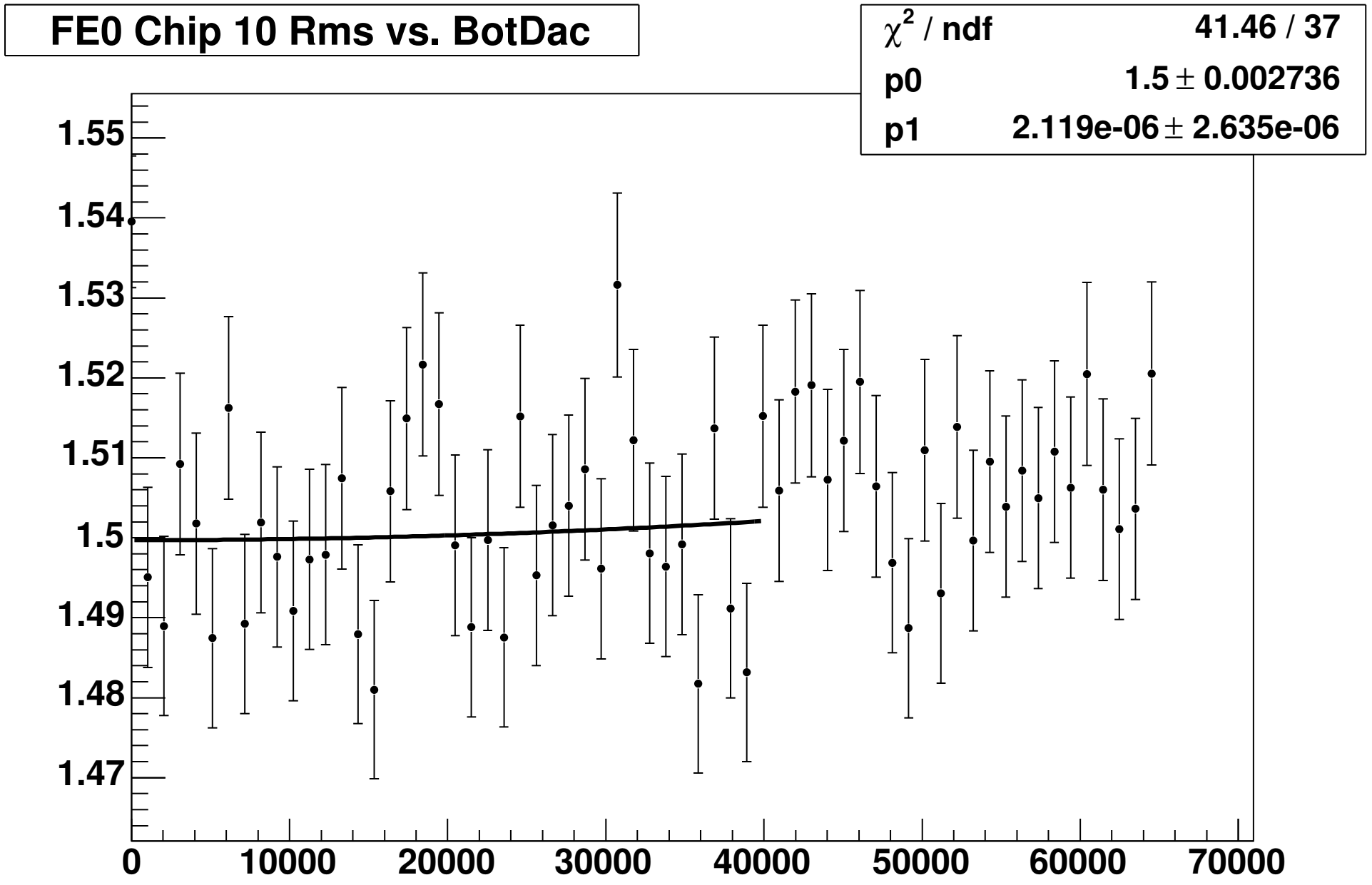

FE0 Chip 10 Mean vs. BotDac
χ² / ndf 437 / 37
p0 28.64 ± 0.005195
p1 -1.37e-06 ± 2.212e-07
28.85
28.8
28.75
28.7
28.65
28.6
28.55
28.5
28.45
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 10 Rms vs. BotDac
χ² / ndf 41.46 / 37
p0 1.5 ± 0.002736
p1 2.119e-06 ± 2.635e-06
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
0
10000
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60000
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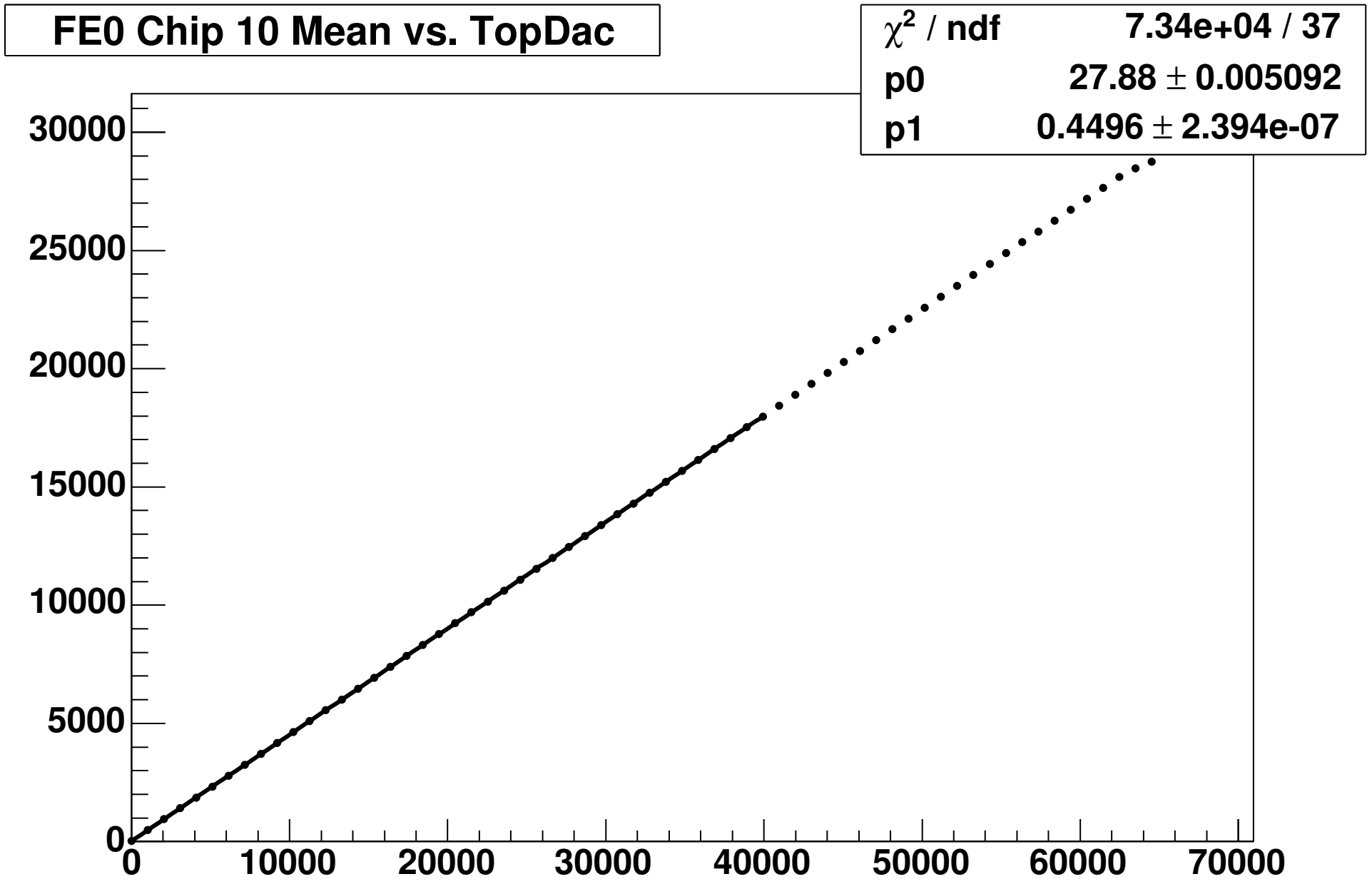
FE0 Chip 10 Mean vs. TopDac
χ² / ndf 7.34e+04 / 37
p0 27.88 ± 0.005092
p1 0.4496 ± 2.394e-07
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15000
10000
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0
0
10000
20000
30000
40000
50000
60000
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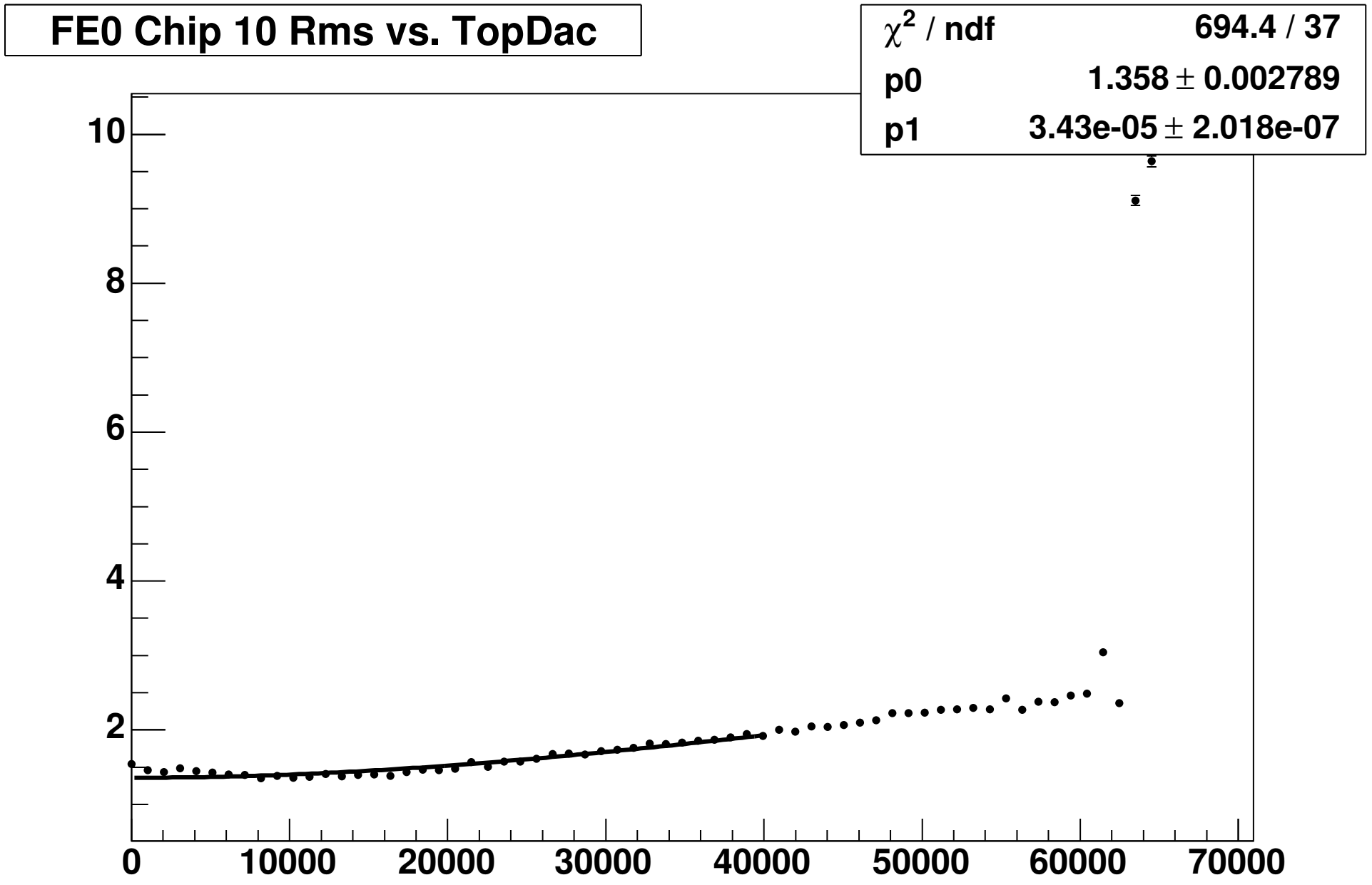
FE0 Chip 10 Rms vs. TopDac
χ² / ndf 694.4 / 37
p0 1.358 ± 0.002789
p1 3.43e-05 ± 2.018e-07
10
8
6
4
2
0
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60000
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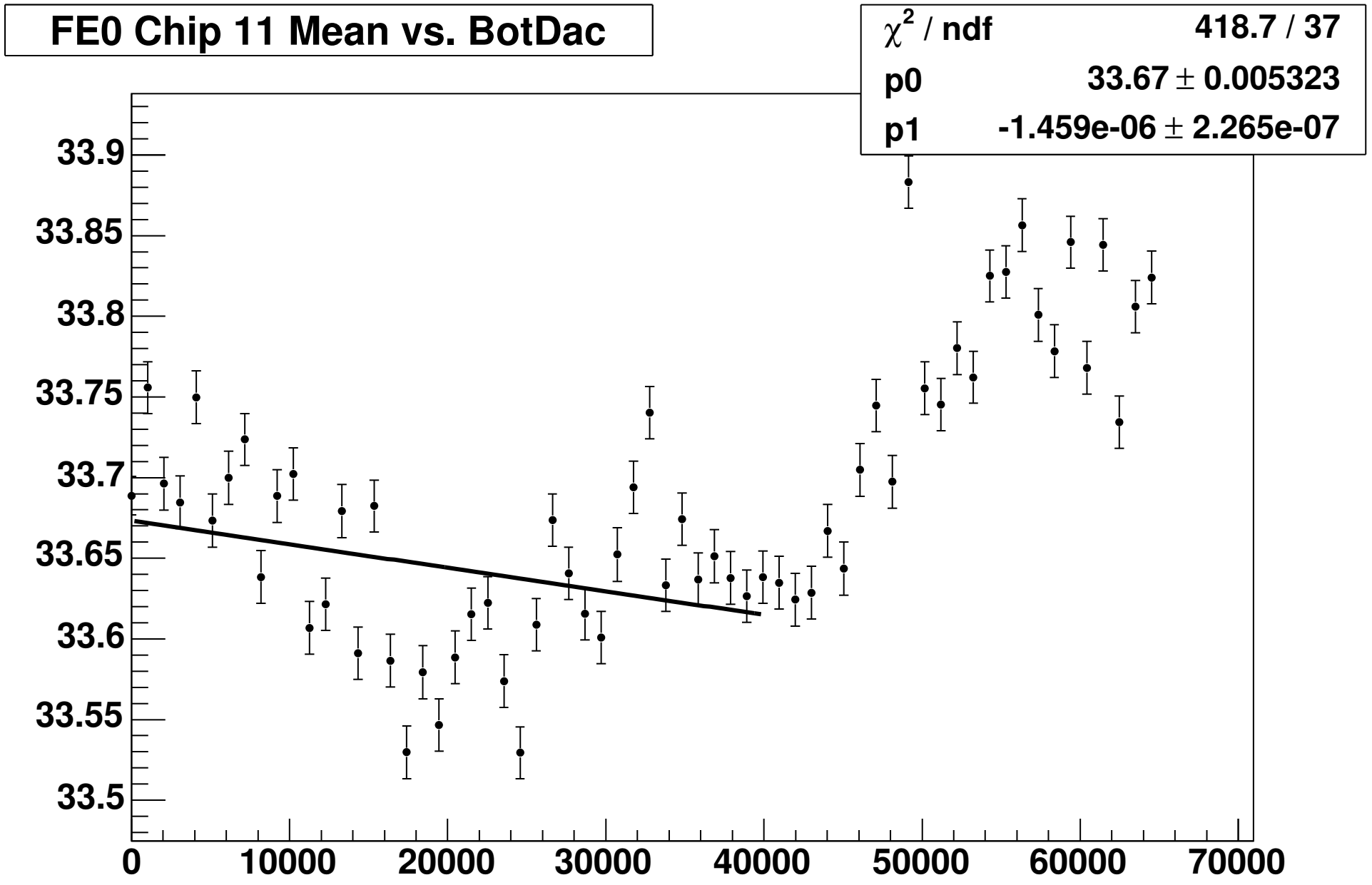
FE0 Chip 11 Mean vs. BotDac
χ² / ndf 418.7 / 37
p0 33.67 ± 0.005323
p1 -1.459e-06 ± 2.265e-07
33.9
33.85
33.8
33.75
33.7
33.65
33.6
33.55
33.5
0
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30000
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50000
60000
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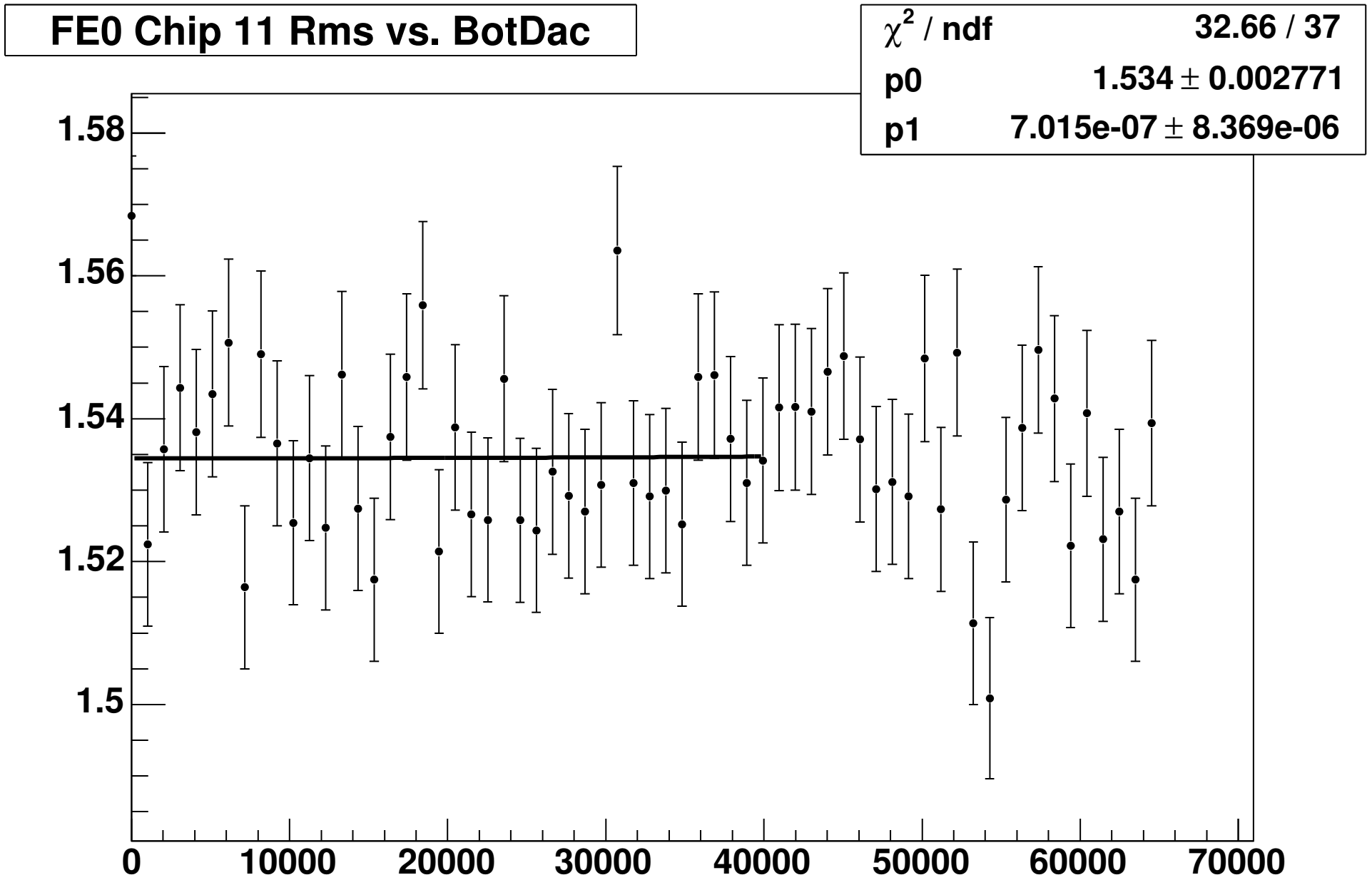
FE0 Chip 11 Rms vs. BotDac
χ² / ndf 32.66 / 37
p0 1.534 ± 0.002771
p1 7.015e-07 ± 8.369e-06
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1.56
1.54
1.52
1.5
0
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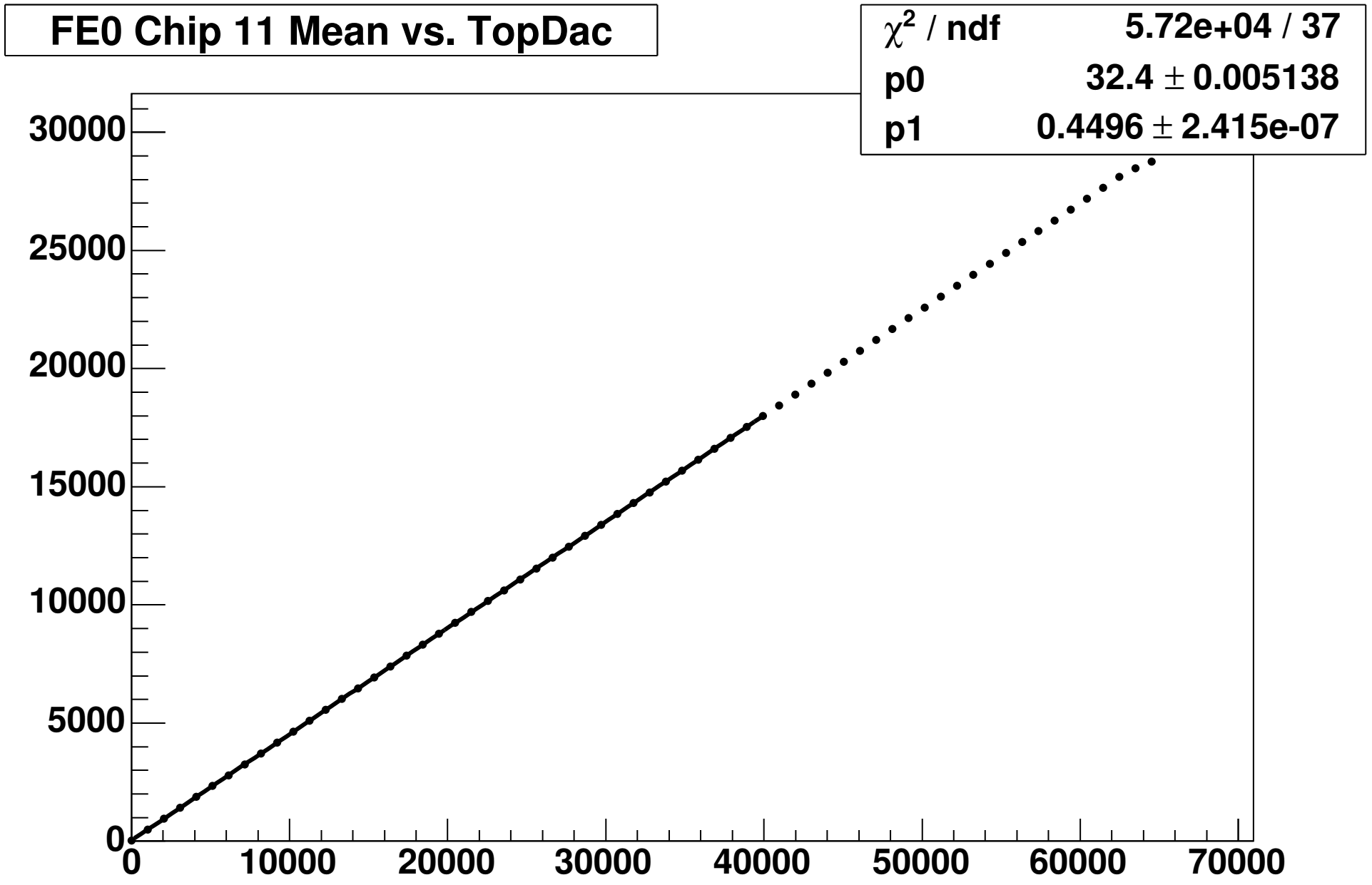
FE0 Chip 11 Mean vs. TopDac
χ² / ndf 5.72e+04 / 37
p0 32.4 ± 0.005138
p1 0.4496 ± 2.415e-07
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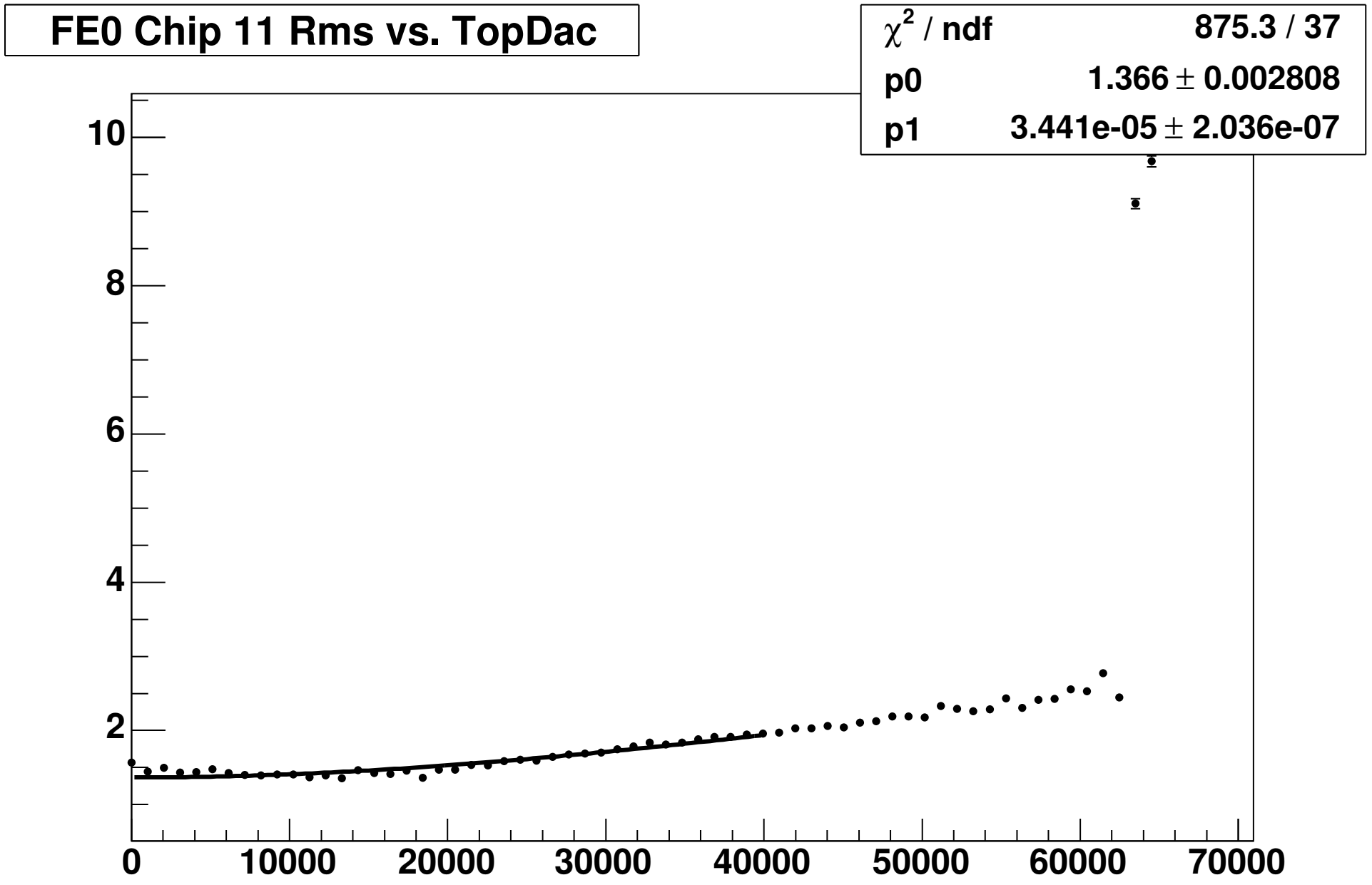
FE0 Chip 11 Rms vs. TopDac
χ² / ndf 875.3 / 37
p0 1.366 ± 0.002808
p1 3.441e-05 ± 2.036e-07
10
8
6
4
2
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10000
20000
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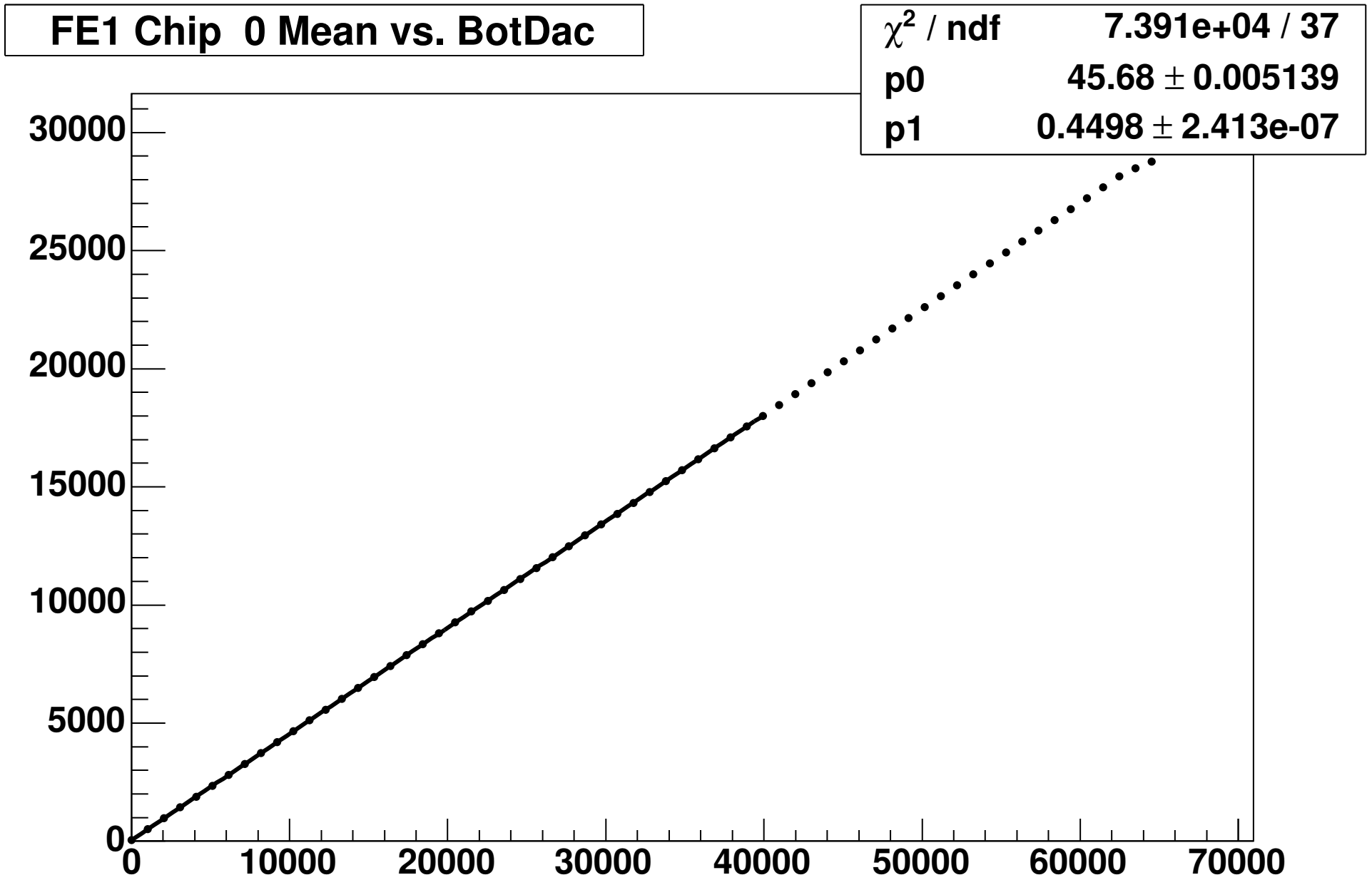
50000
60000
70000


FE1 Chip 0 Mean vs. BotDac
χ² / ndf 7.391e+04 / 37
p0 45.68 ± 0.005139
p1 0.4498 ± 2.413e-07
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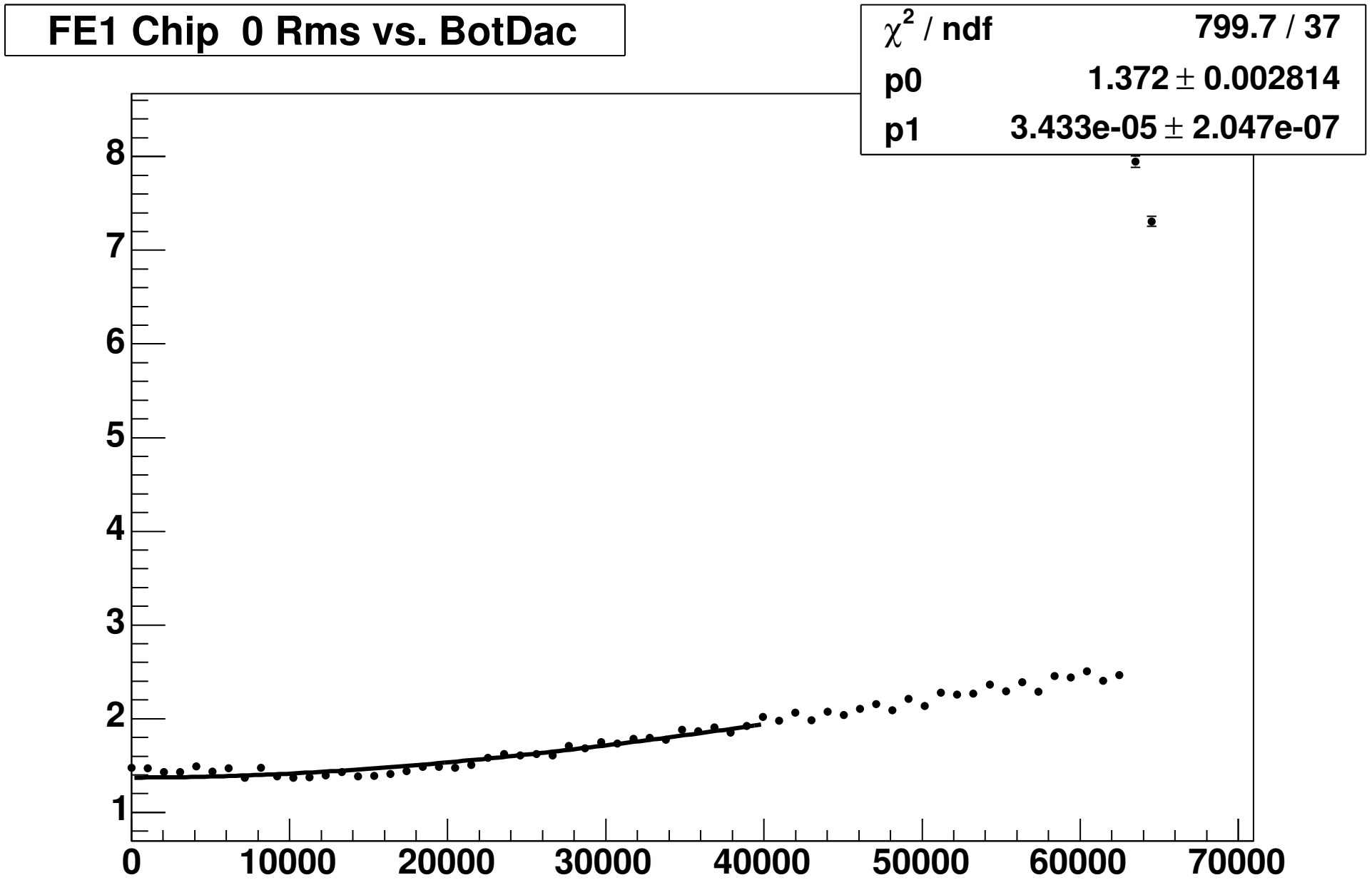
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 0 Rms vs. BotDac
χ² / ndf 799.7 / 37
p0 1.372 ± 0.002814
p1 3.433e-05 ± 2.047e-07
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7
6
5
4
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2
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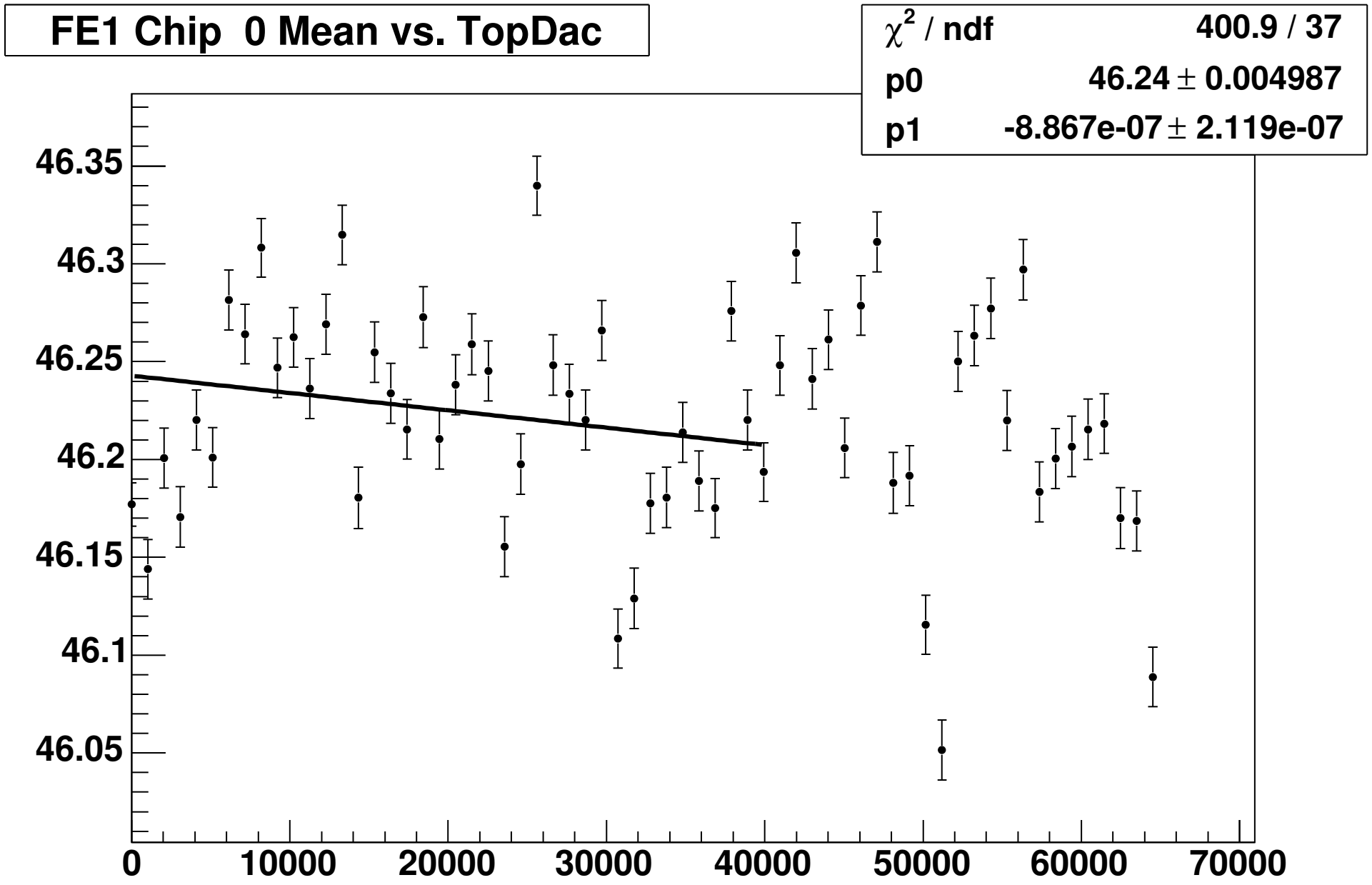
FE1 Chip 0 Mean vs. TopDac
χ² / ndf 400.9 / 37
p0 46.24 ± 0.004987
p1 -8.867e-07 ± 2.119e-07
46.35
46.3
46.25
46.2
46.15
46.1
46.05
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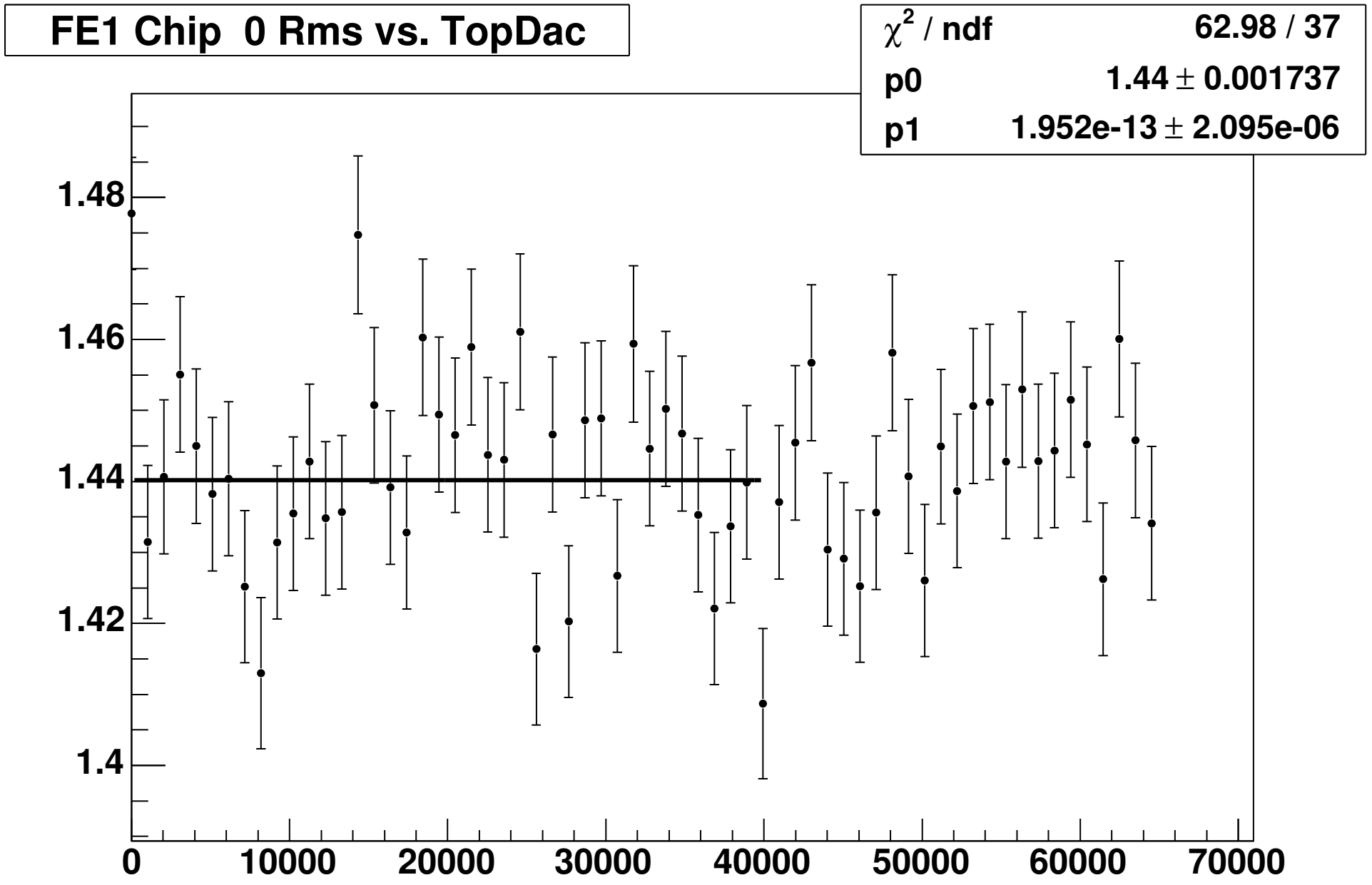
FE1 Chip 0 Rms vs. TopDac
χ² / ndf 62.98 / 37
p0 1.44 ± 0.001737
p1 1.952e-13 ± 2.095e-06
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1.46
1.44
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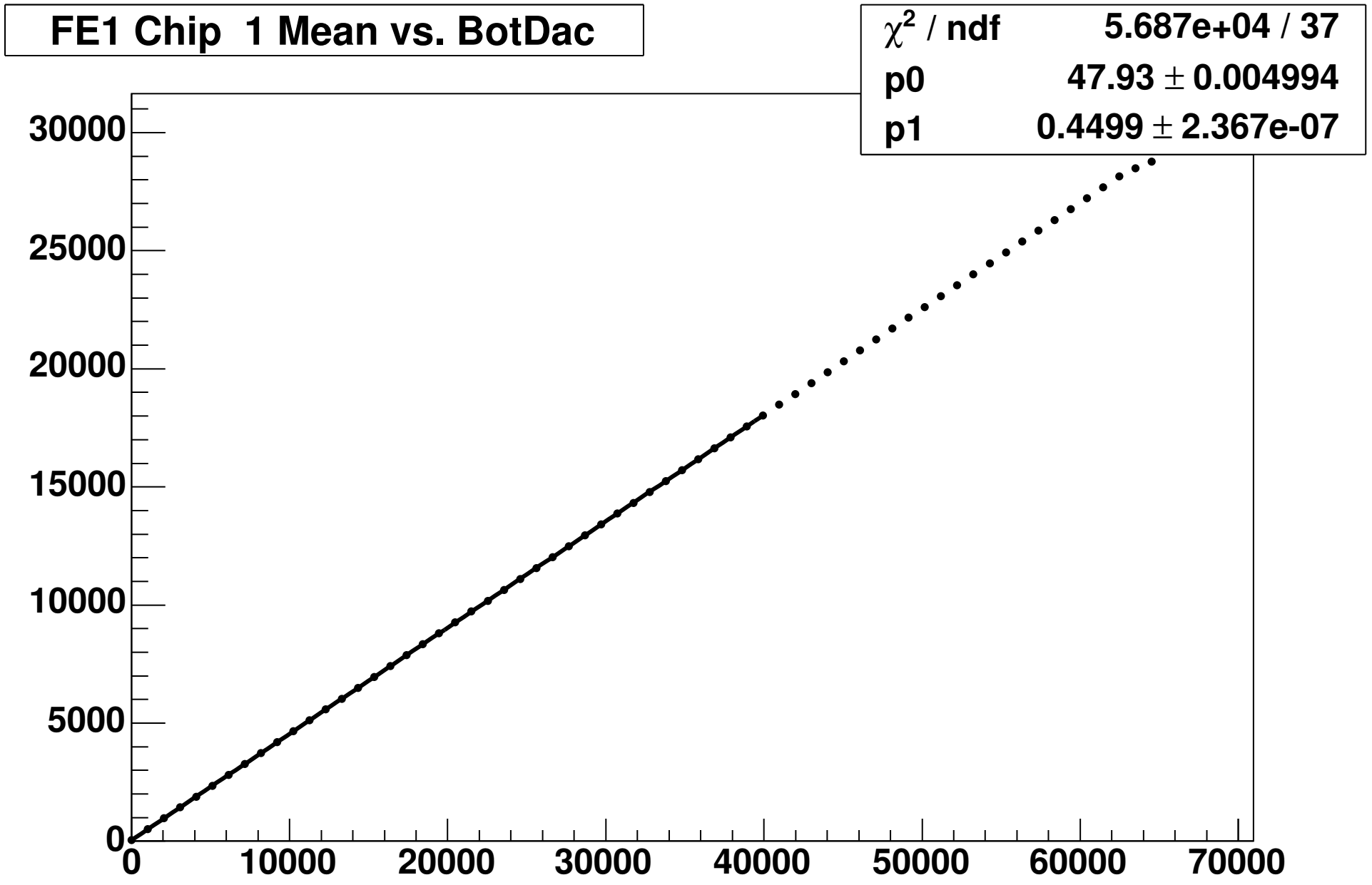
FE1 Chip 1 Mean vs. BotDac
χ² / ndf 5.687e+04 / 37
p0 47.93 ± 0.004994
p1 0.4499 ± 2.367e-07
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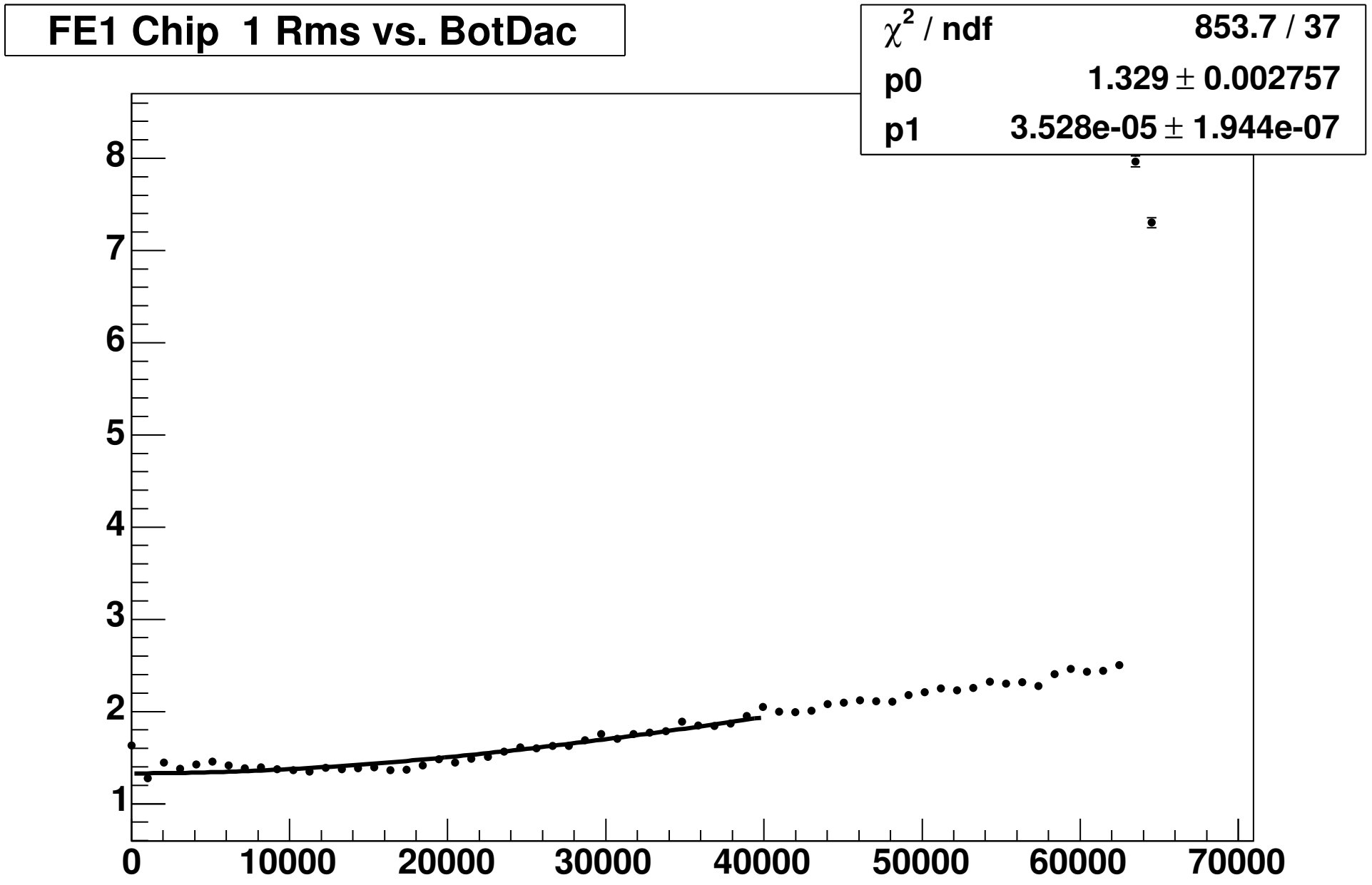
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 1 Rms vs. BotDac
χ² / ndf 853.7 / 37
p0 1.329 ± 0.002757
p1 3.528e-05 ± 1.944e-07
8
7
6
5
4
3
2
1
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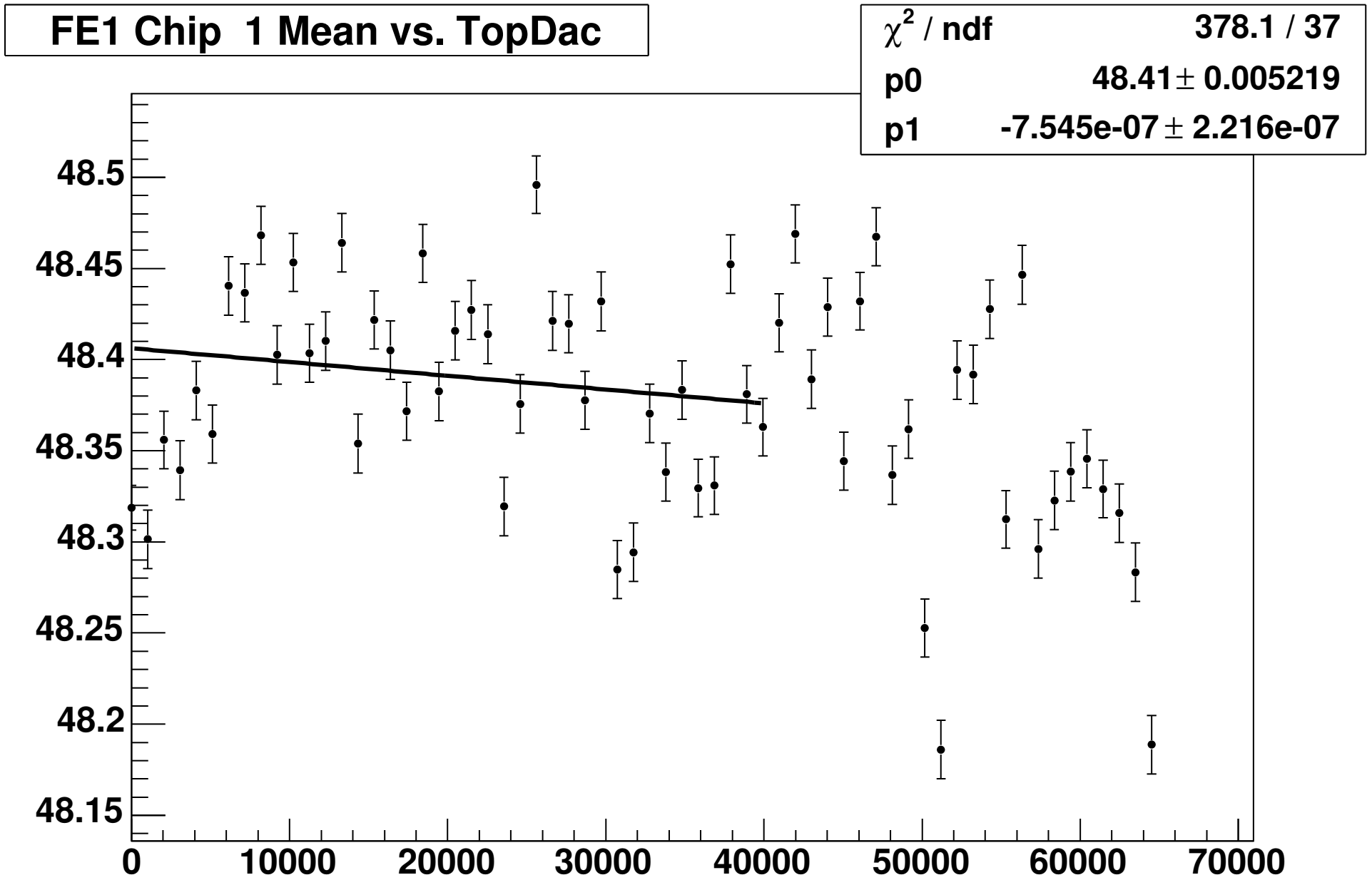
FE1 Chip 1 Mean vs. TopDac
χ² / ndf 378.1 / 37
p0 48.41 ± 0.005219
p1 -7.545e-07 ± 2.216e-07
48.5
48.45
48.4
48.35
48.3
48.25
48.2
48.15
0
10000
20000
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50000
60000
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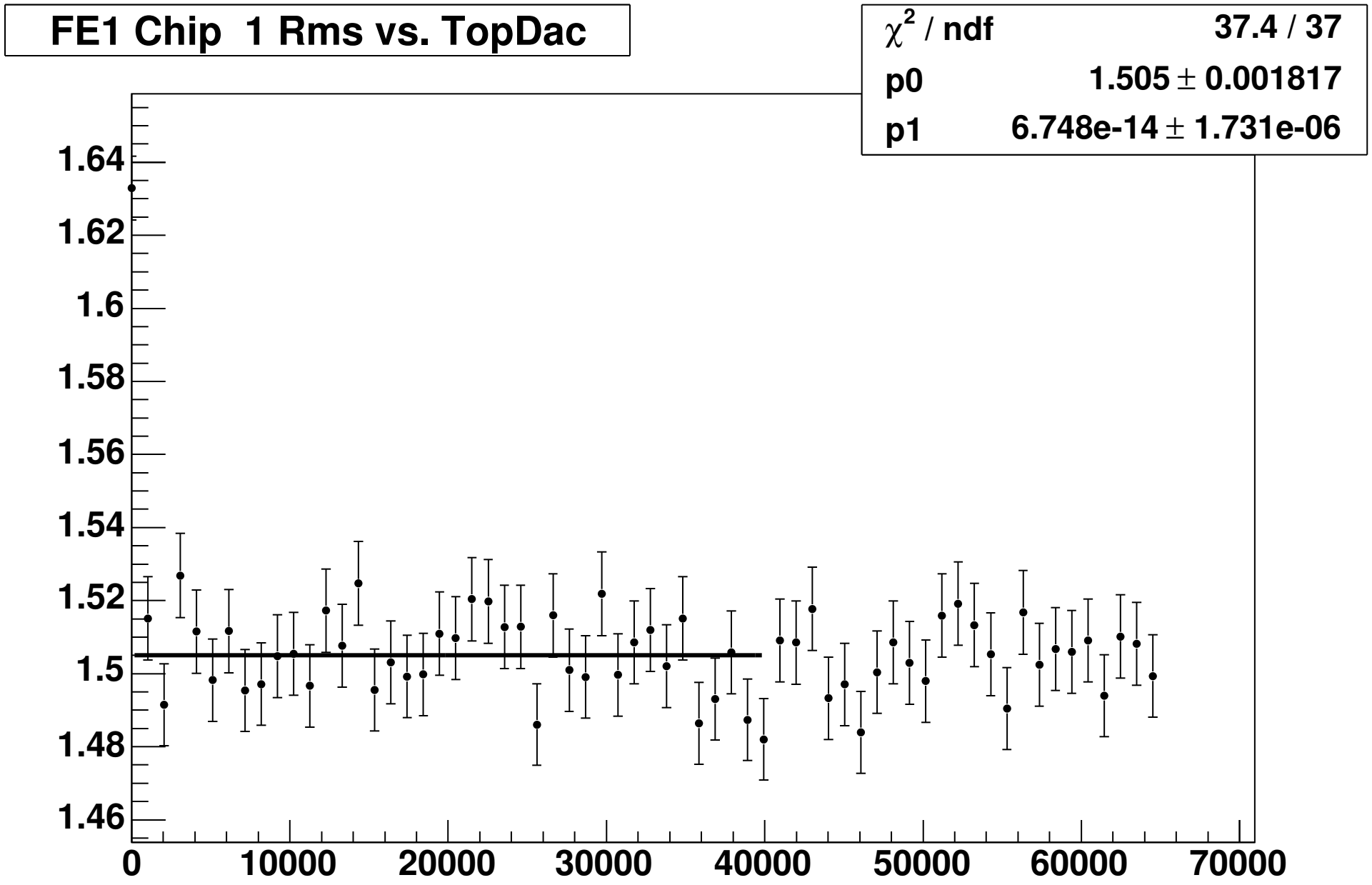
FE1 Chip 1 Rms vs. TopDac
χ² / ndf 37.4 / 37
p0 1.505 ± 0.001817
p1 6.748e-14 ± 1.731e-06
1.64
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
0
10000
20000
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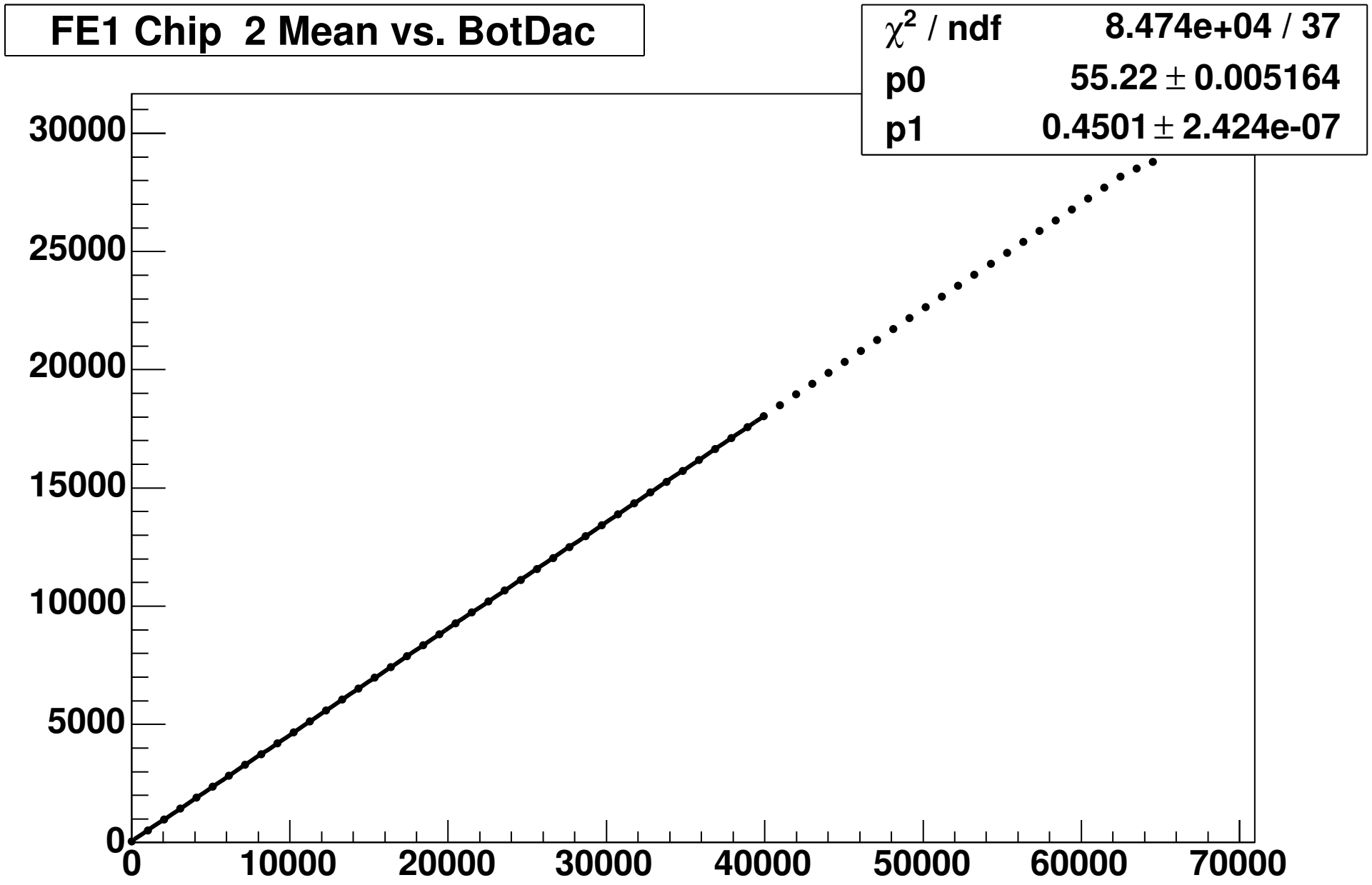
FE1 Chip 2 Mean vs. BotDac
χ² / ndf 8.474e+04 / 37
p0 55.22 ± 0.005164
p1 0.4501 ± 2.424e-07
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15000
10000
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10000
20000
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50000
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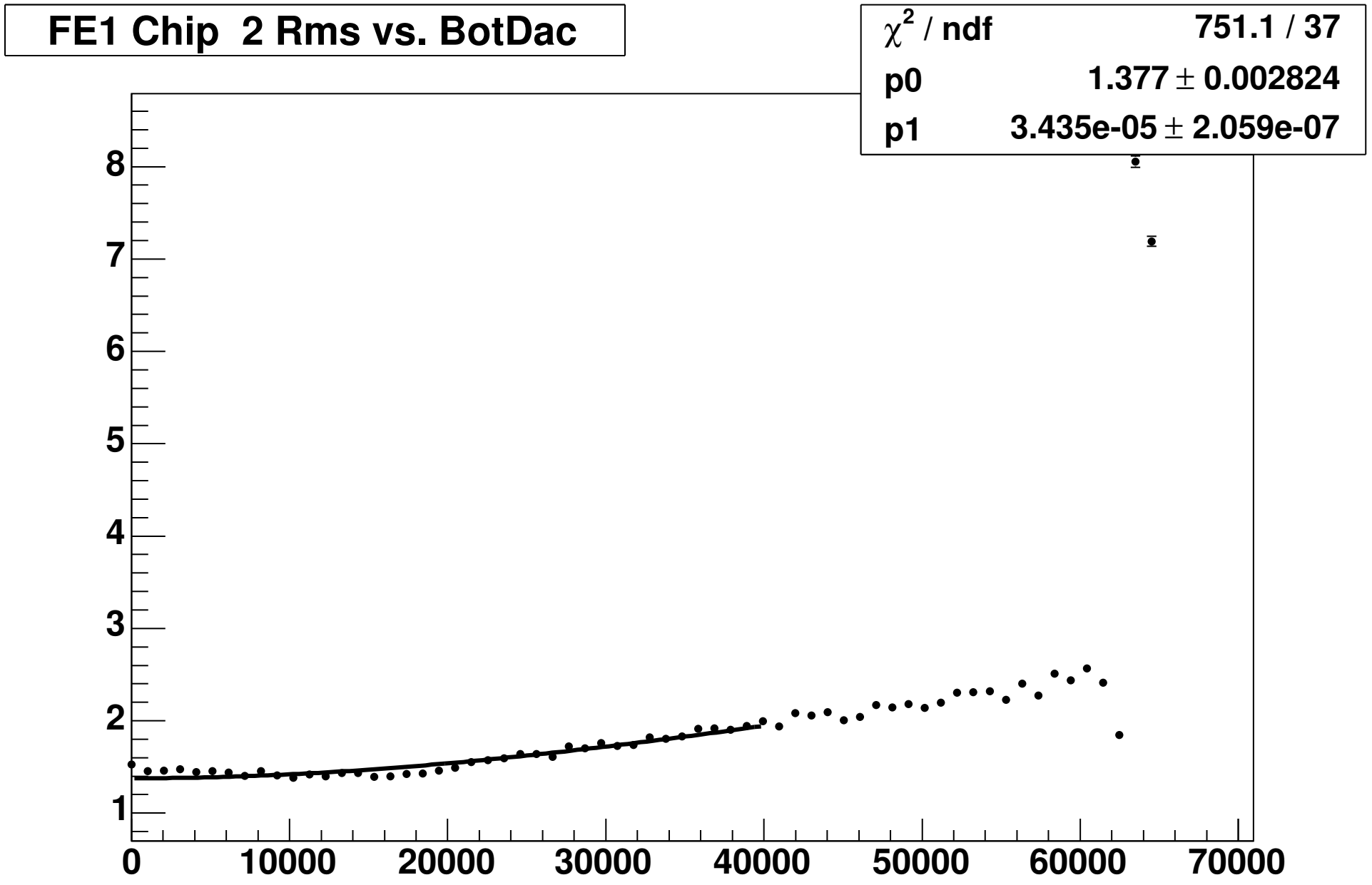
70000


FE1 Chip 2 Rms vs. BotDac
χ² / ndf 751.1 / 37
p0 1.377 ± 0.002824
p1 3.435e-05 ± 2.059e-07
8
7
6
5
4
3
2
1
0
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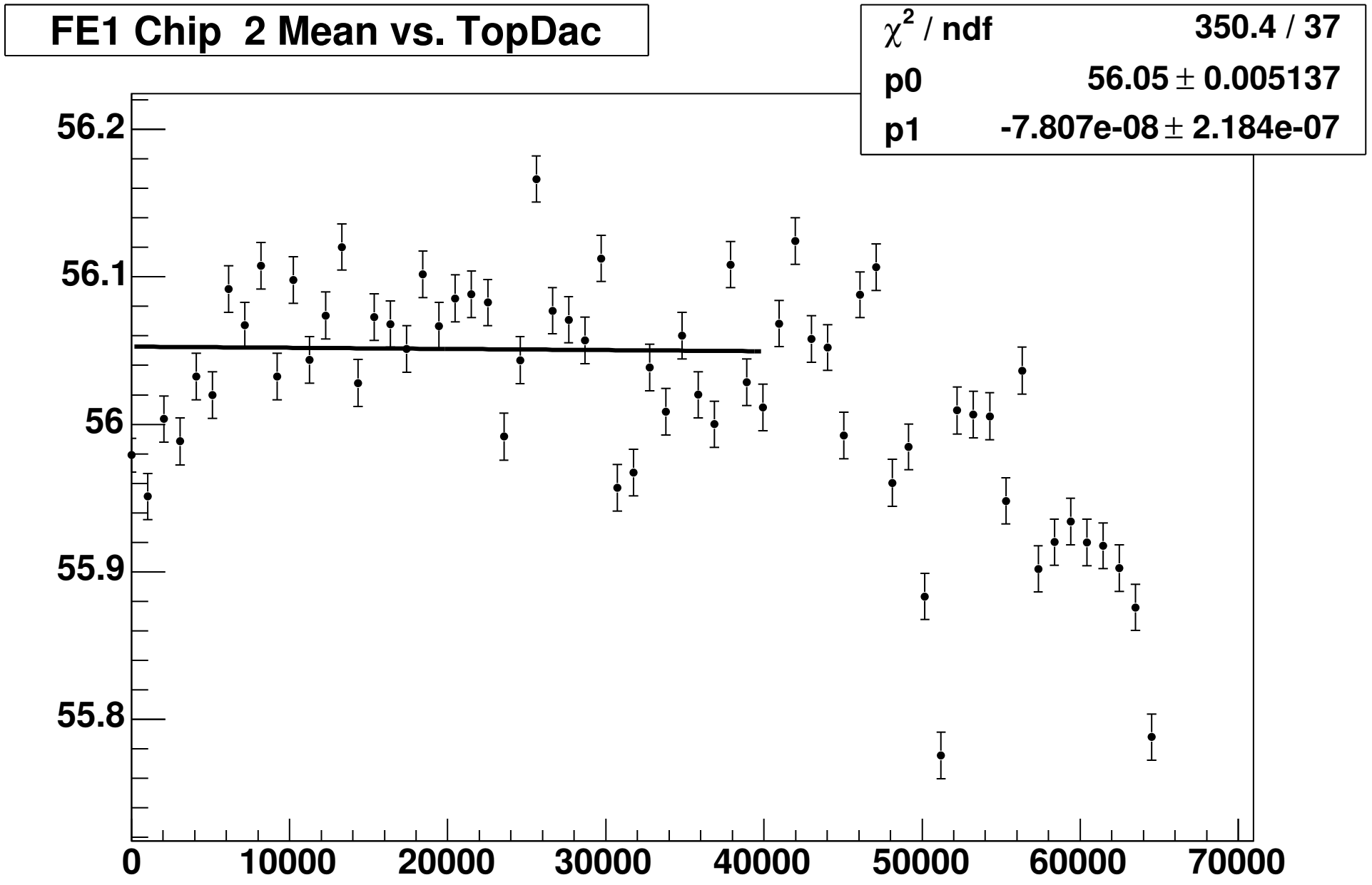
70000


FE1 Chip 2 Mean vs. TopDac
χ² / ndf 350.4 / 37
p0 56.05 ± 0.005137
p1 -7.807e-08 ± 2.184e-07
56.2
56.1
56
55.9
55.8
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20000
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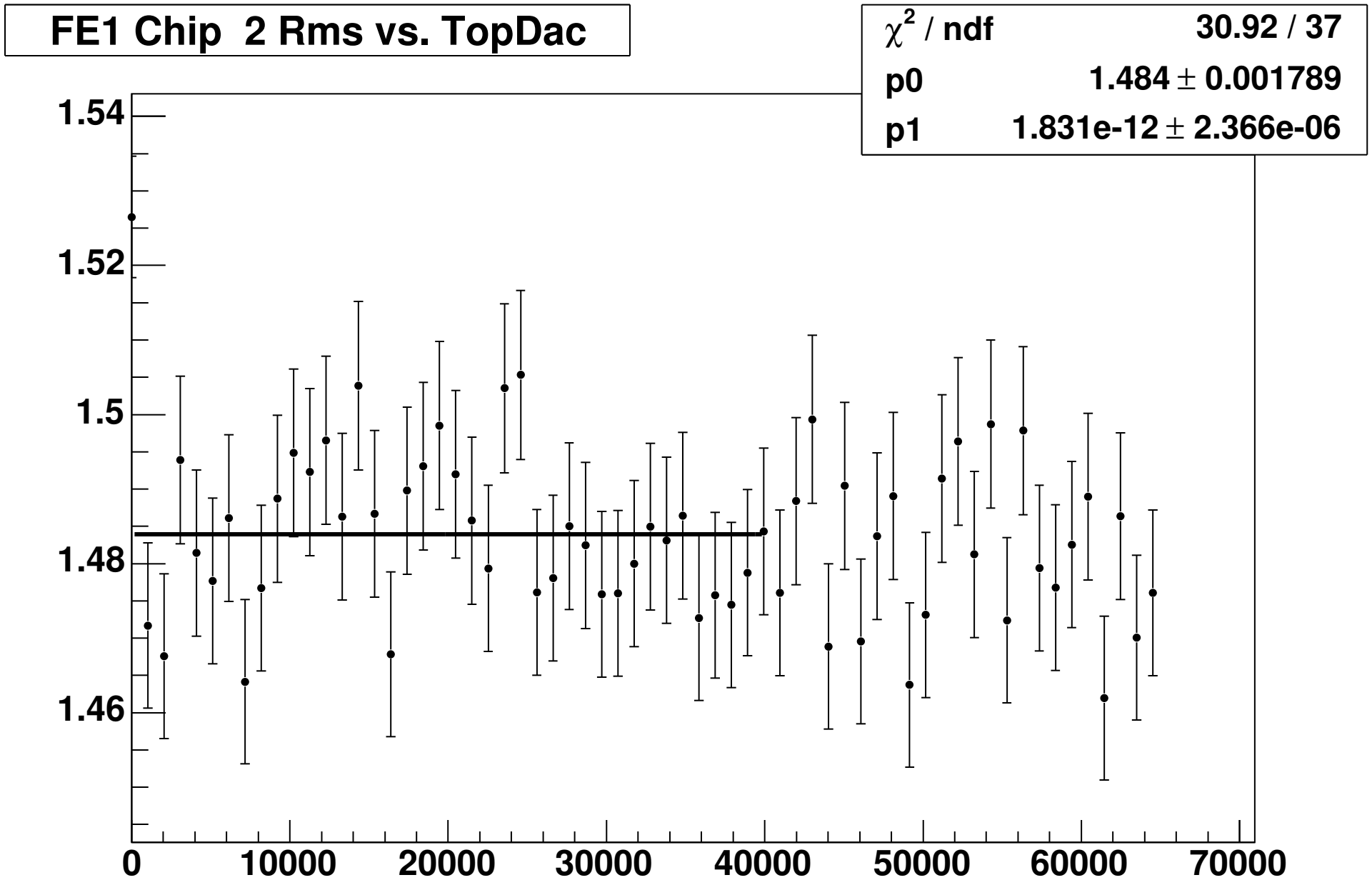
FE1 Chip 2 Rms vs. TopDac
χ² / ndf 30.92 / 37
p0 1.484 ± 0.001789
p1 1.831e-12 ± 2.366e-06
1.54
1.52
1.5
1.48
1.46
0
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20000
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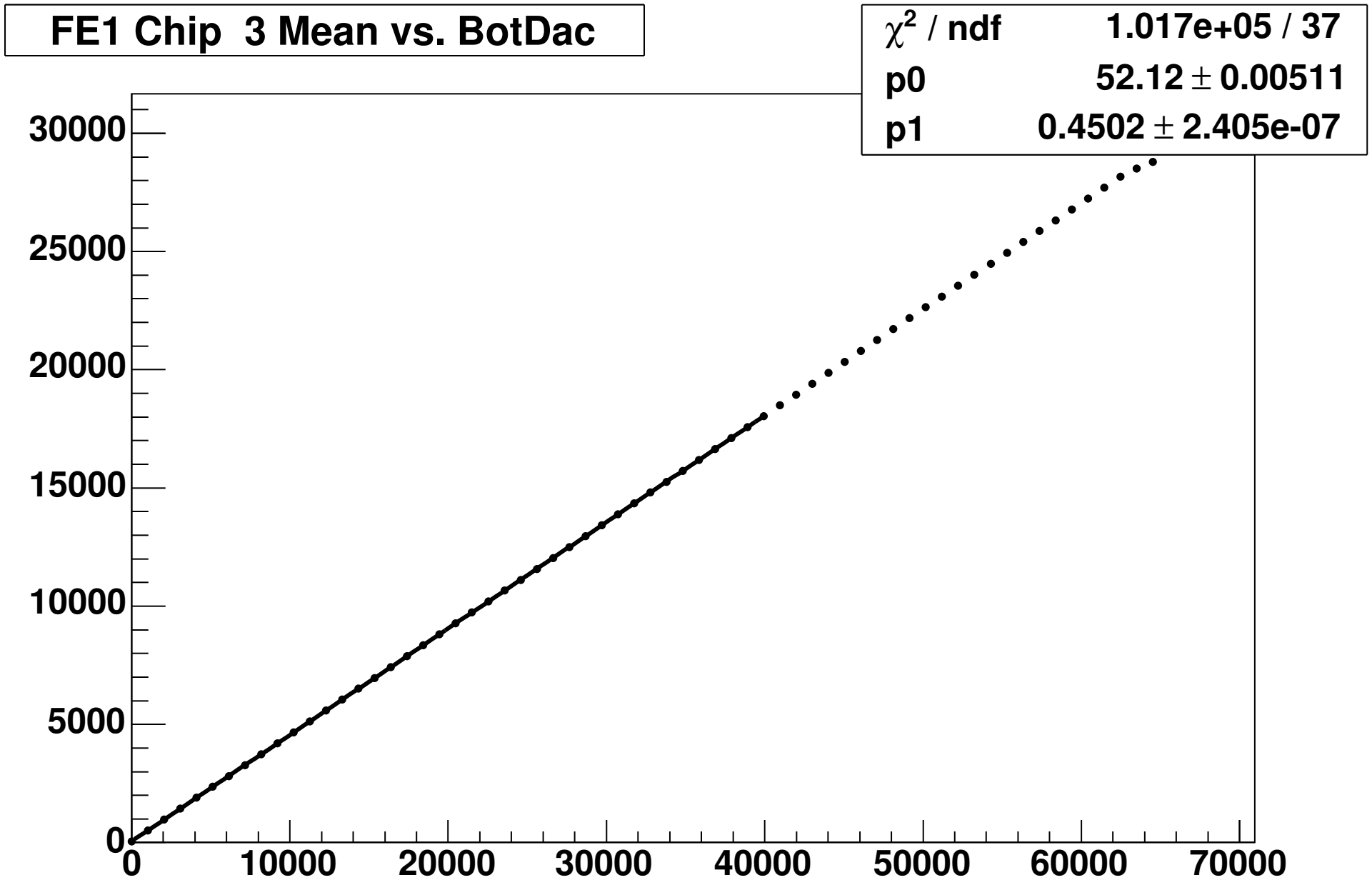
70000


FE1 Chip 3 Mean vs. BotDac
χ² / ndf 1.017e+05 / 37
p0 52.12 ± 0.00511
p1 0.4502 ± 2.405e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
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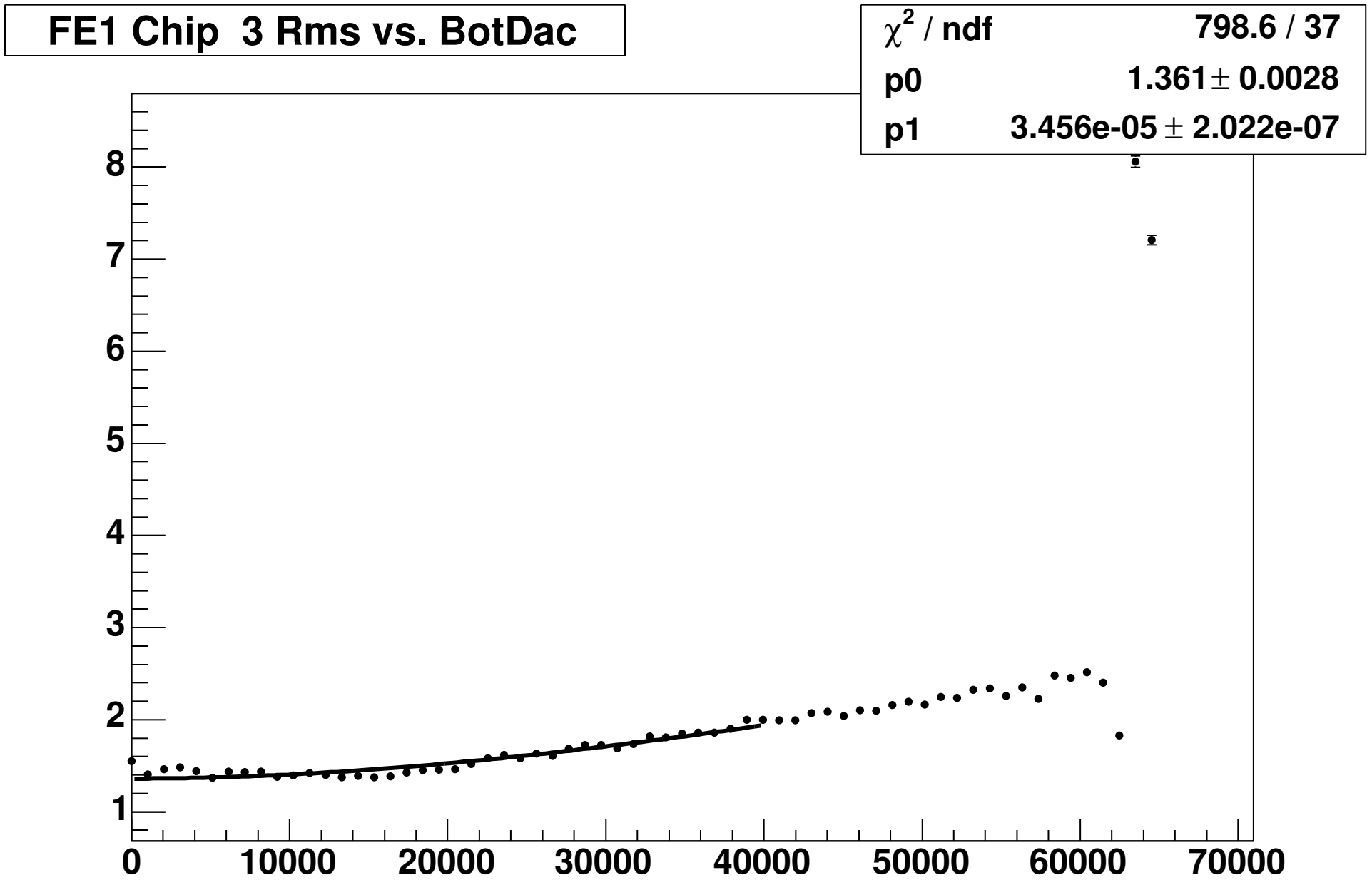
FE1 Chip 3 Rms vs. BotDac
χ² / ndf 798.6 / 37
p0 1.361 ± 0.0028
p1 3.456e-05 ± 2.022e-07
8
7
6
5
4
3
2
1
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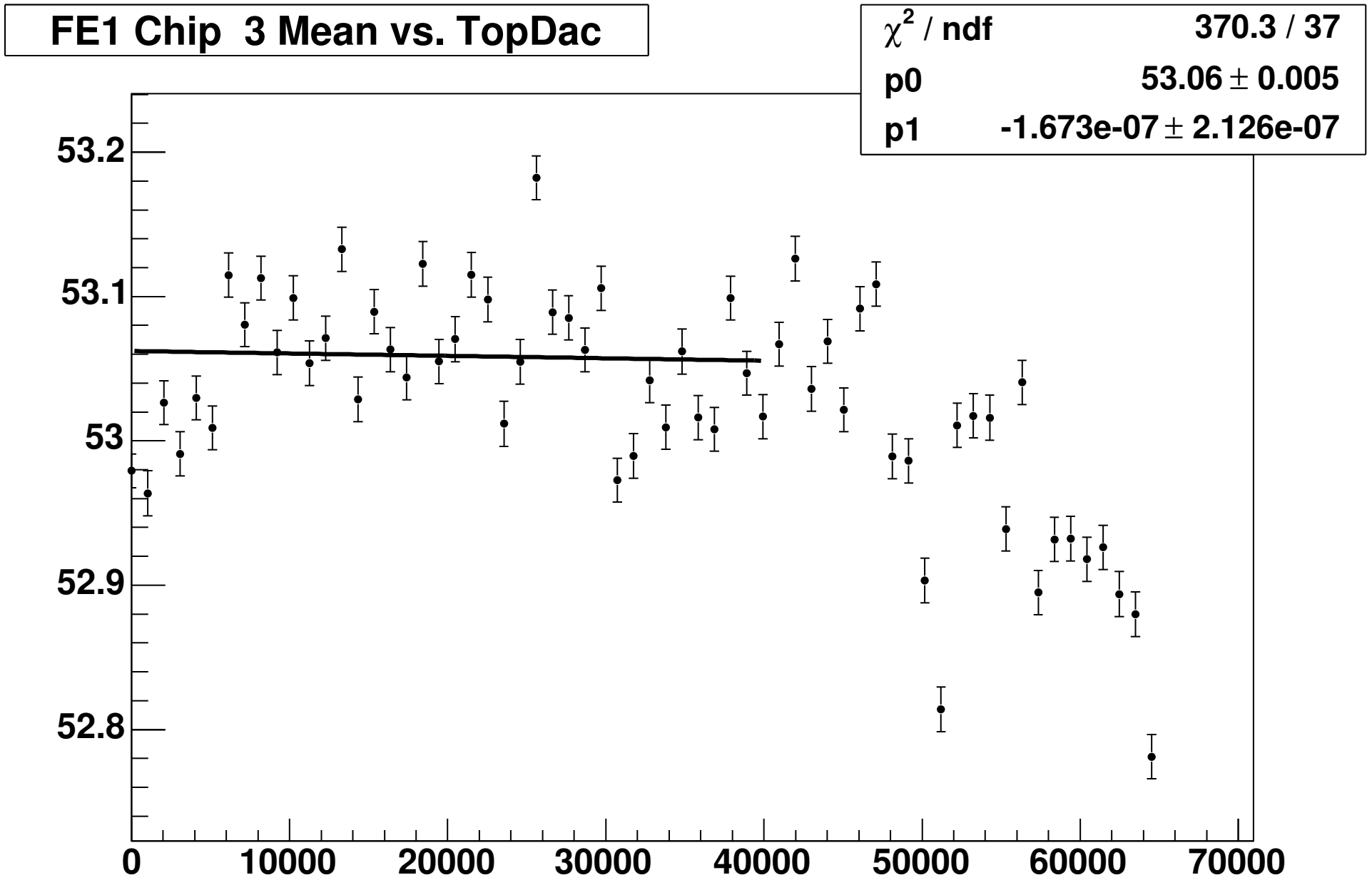
FE1 Chip 3 Mean vs. TopDac
χ² / ndf 370.3 / 37
p0 53.06 ± 0.005
p1 -1.673e-07 ± 2.126e-07
53.2
53.1
53
52.9
52.8
0
10000
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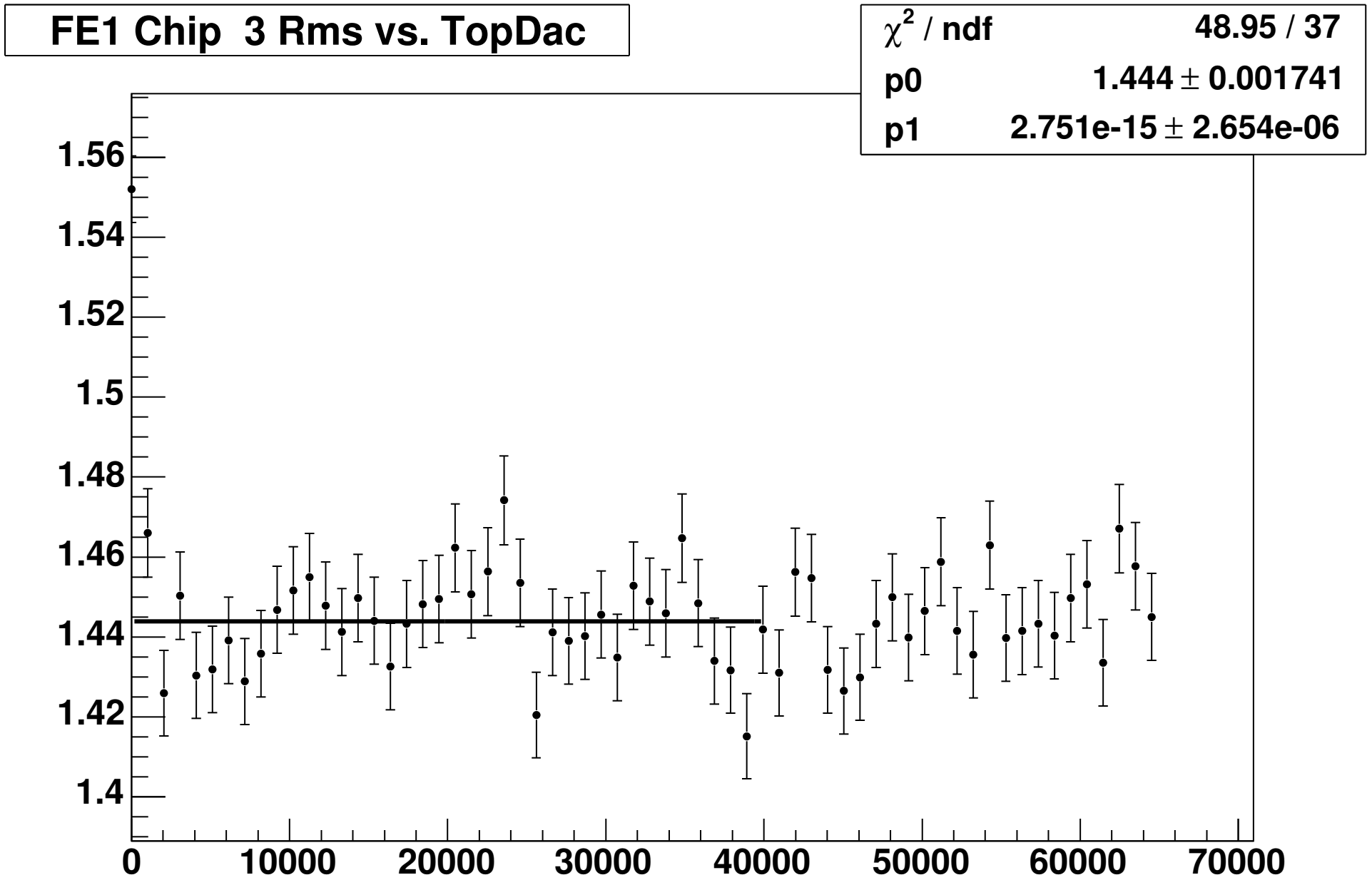
70000


FE1 Chip 3 Rms vs. TopDac
χ² / ndf 48.95 / 37
p0 1.444 ± 0.001741
p1 2.751e-15 ± 2.654e-06
1.56
1.54
1.52
1.5
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1.44
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1.4
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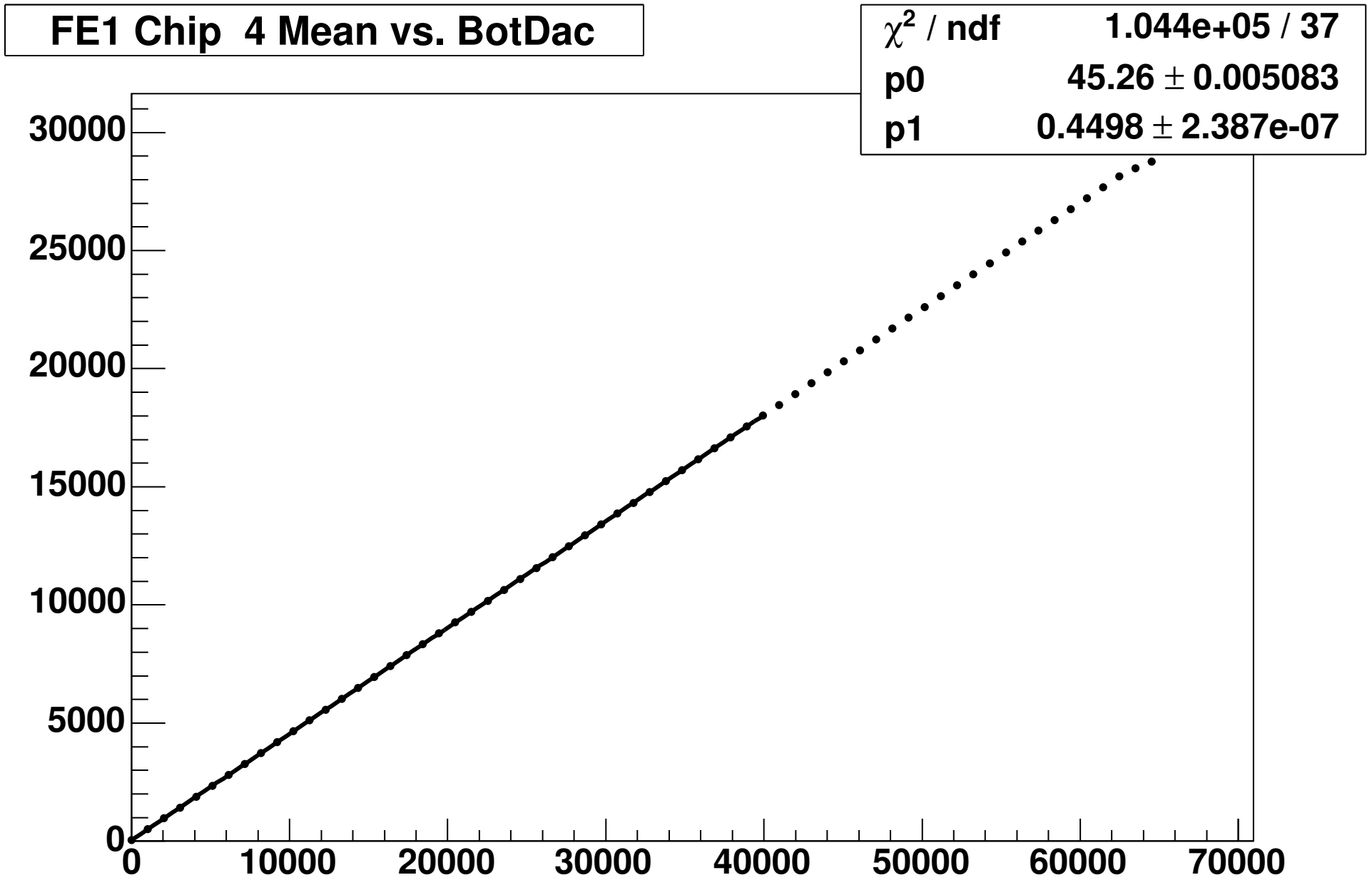
FE1 Chip 4 Mean vs. BotDac
χ² / ndf 1.044e+05 / 37
p0 45.26 ± 0.005083
p1 0.4498 ± 2.387e-07
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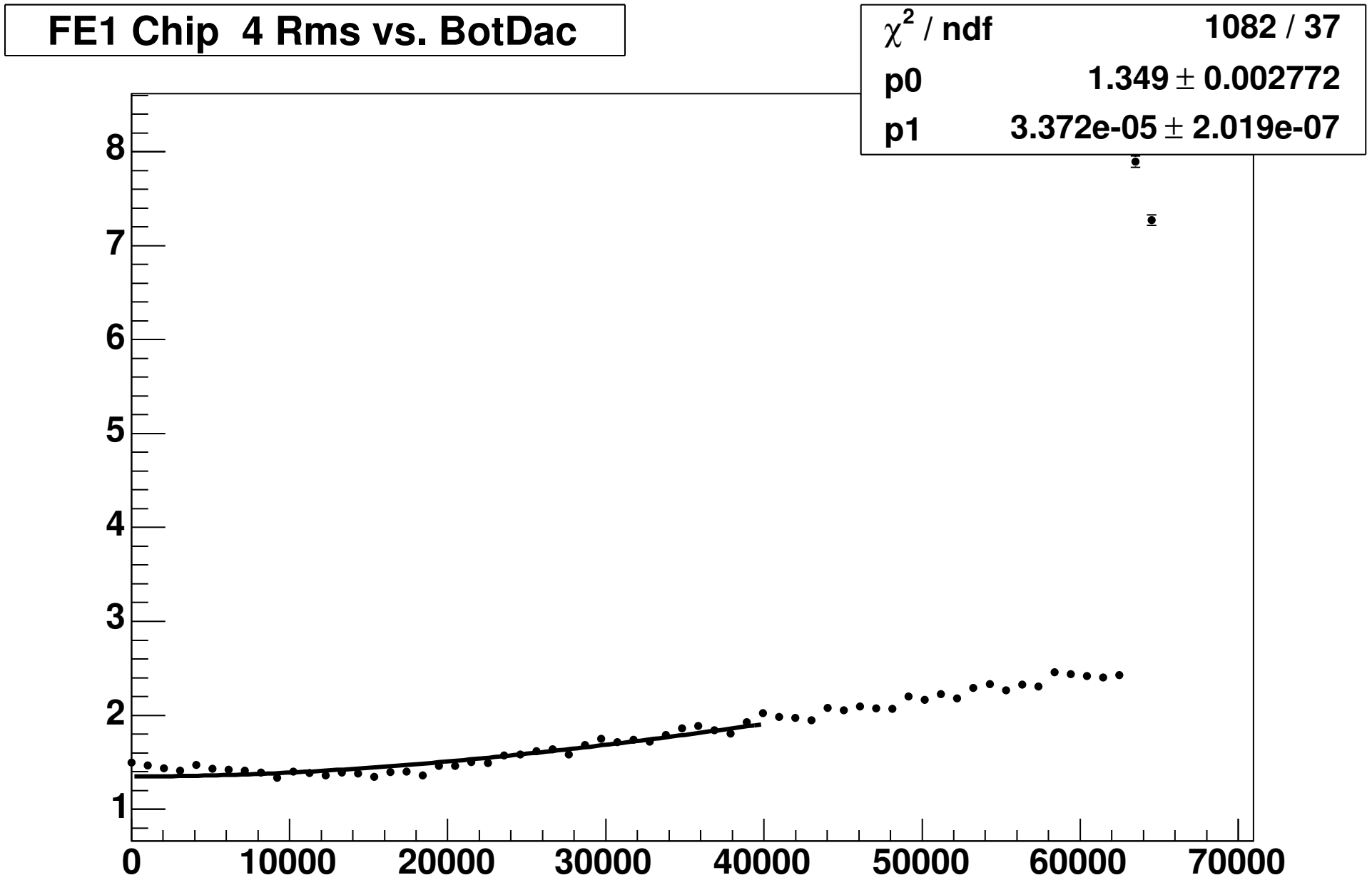
FE1 Chip 4 Rms vs. BotDac
χ² / ndf 1082 / 37
p0 1.349 ± 0.002772
p1 3.372e-05 ± 2.019e-07
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6
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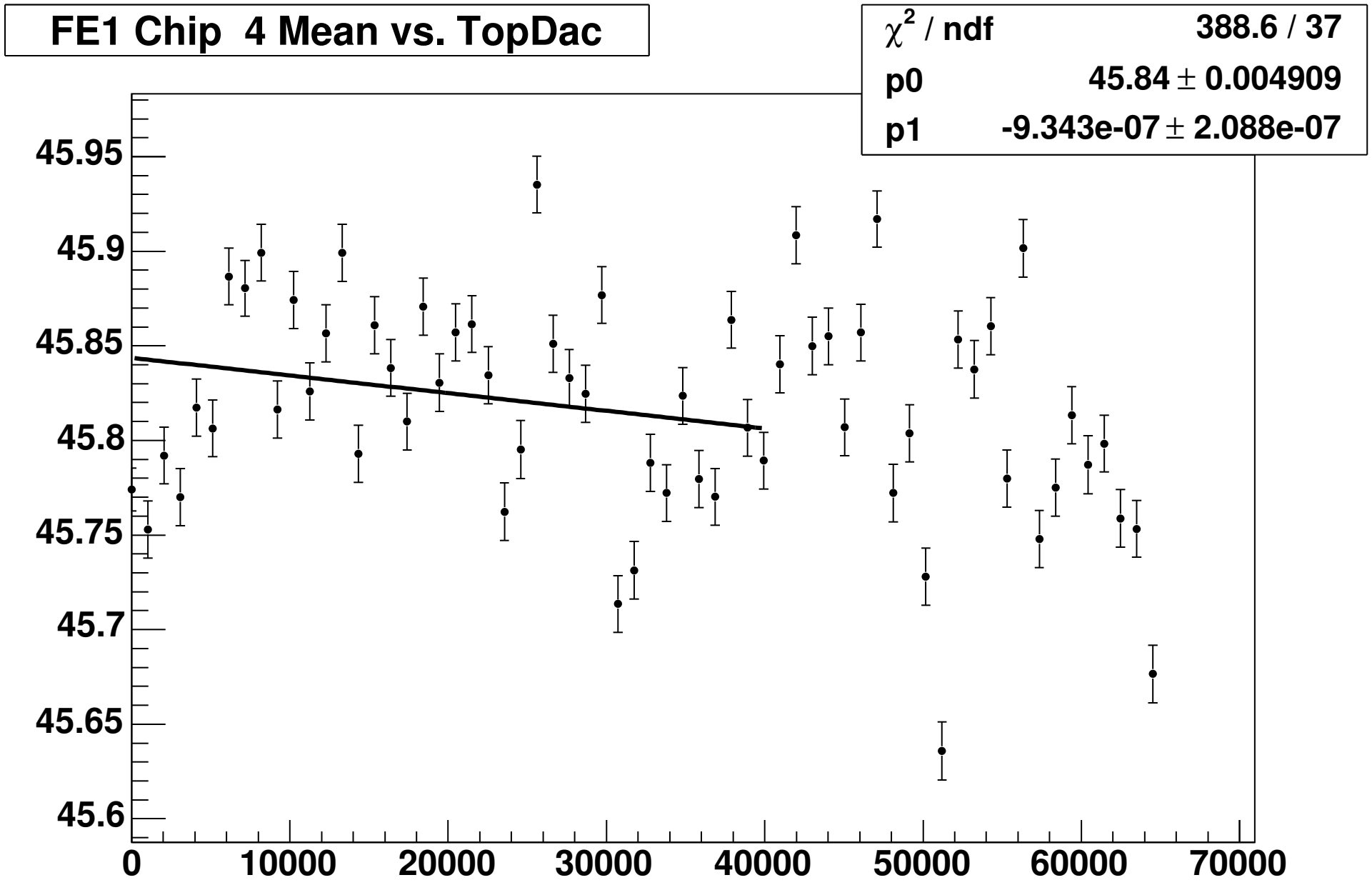
FE1 Chip 4 Mean vs. TopDac
χ² / ndf 388.6 / 37
p0 45.84 ± 0.004909
p1 -9.343e-07 ± 2.088e-07
45.95
45.9
45.85
45.8
45.75
45.7
45.65
45.6
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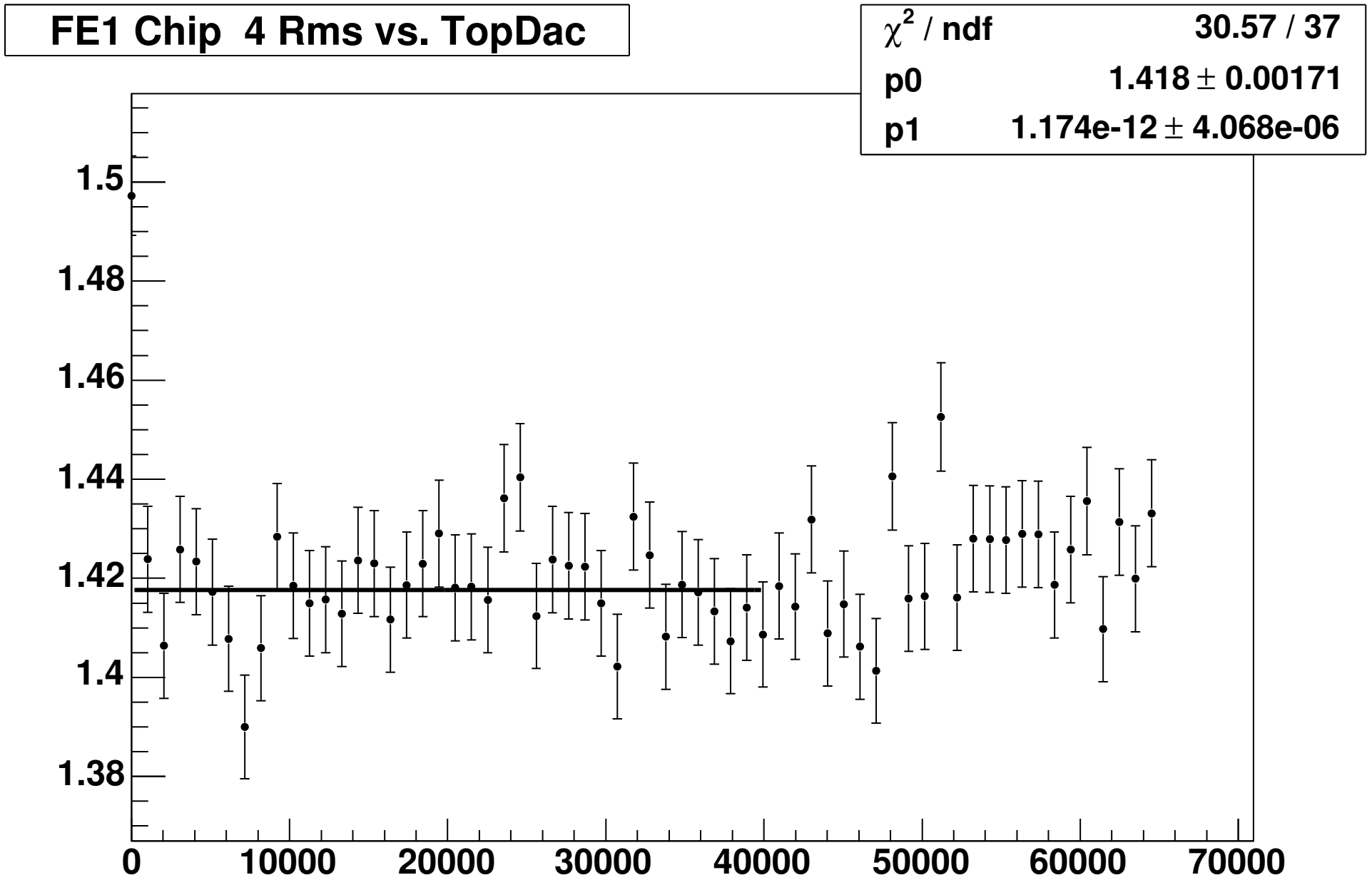
FE1 Chip 4 Rms vs. TopDac
χ² / ndf 30.57 / 37
p0 1.418 ± 0.00171
p1 1.174e-12 ± 4.068e-06
1.5
1.48
1.46
1.44
1.42
1.4
1.38
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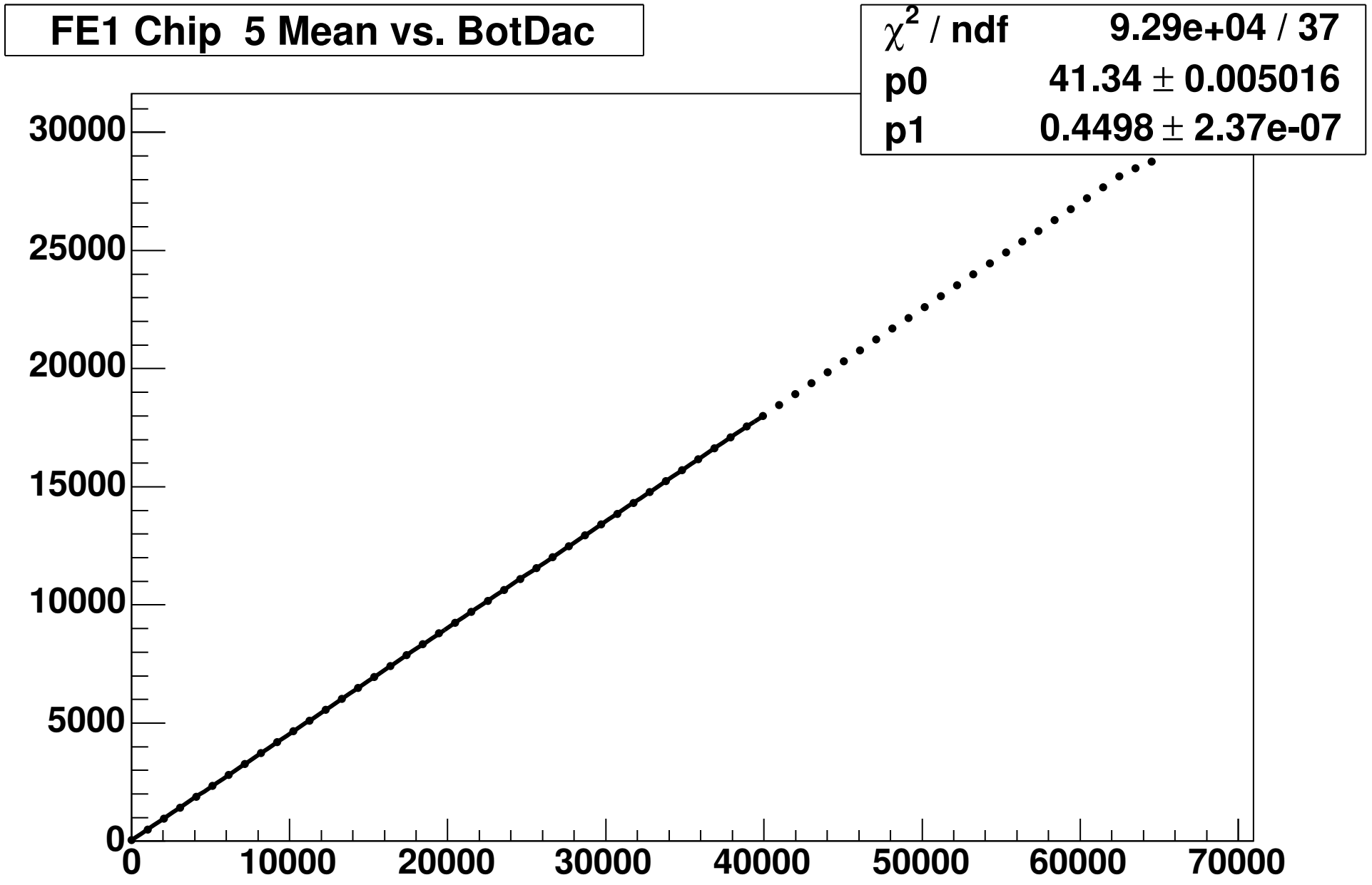
FE1 Chip 5 Mean vs. BotDac
χ² / ndf 9.29e+04 / 37
p0 41.34 ± 0.005016
p1 0.4498 ± 2.37e-07
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10000
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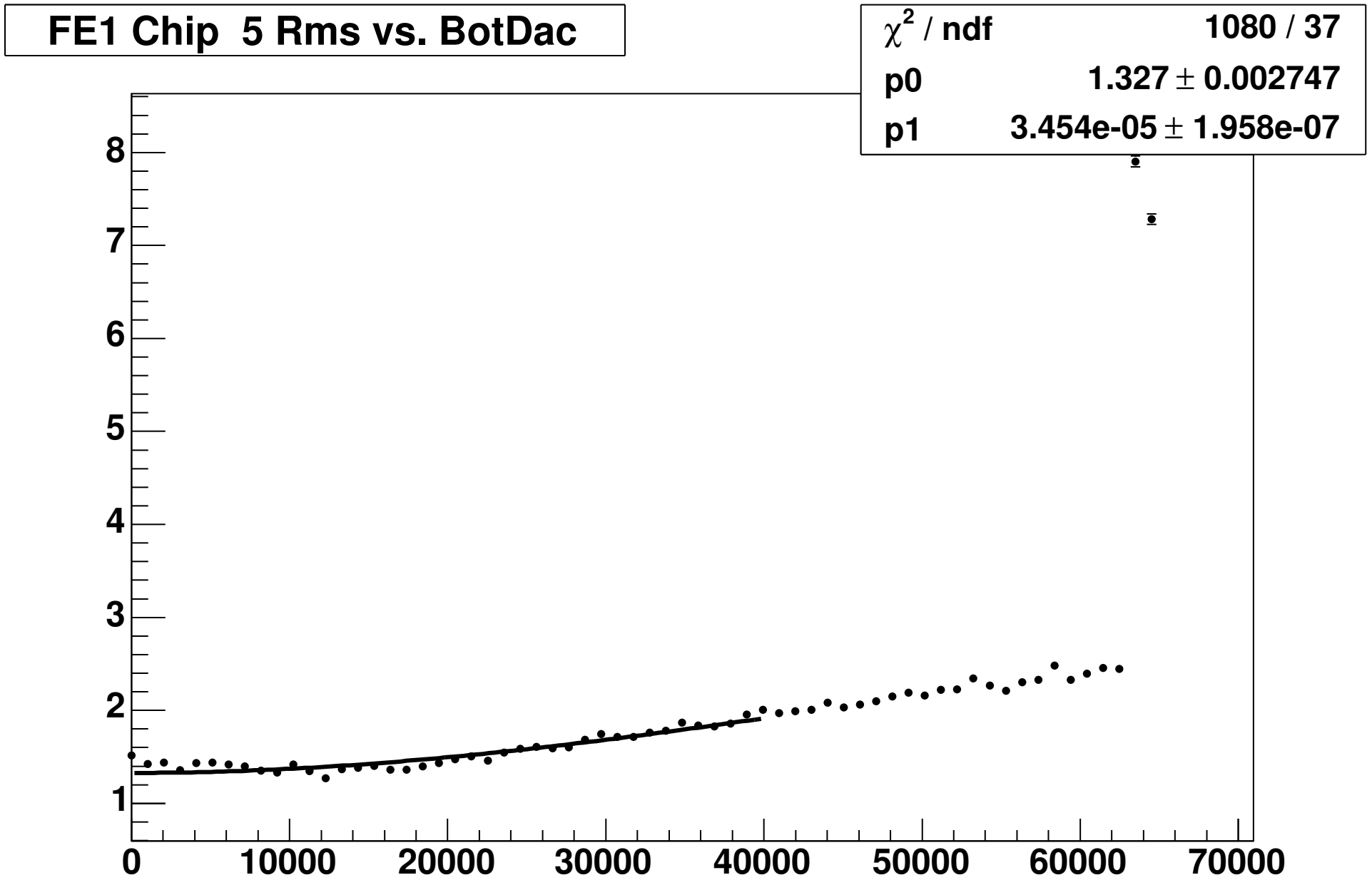
FE1 Chip 5 Rms vs. BotDac
χ² / ndf 1080 / 37
p0 1.327 ± 0.002747
p1 3.454e-05 ± 1.958e-07
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7
6
5
4
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2
1
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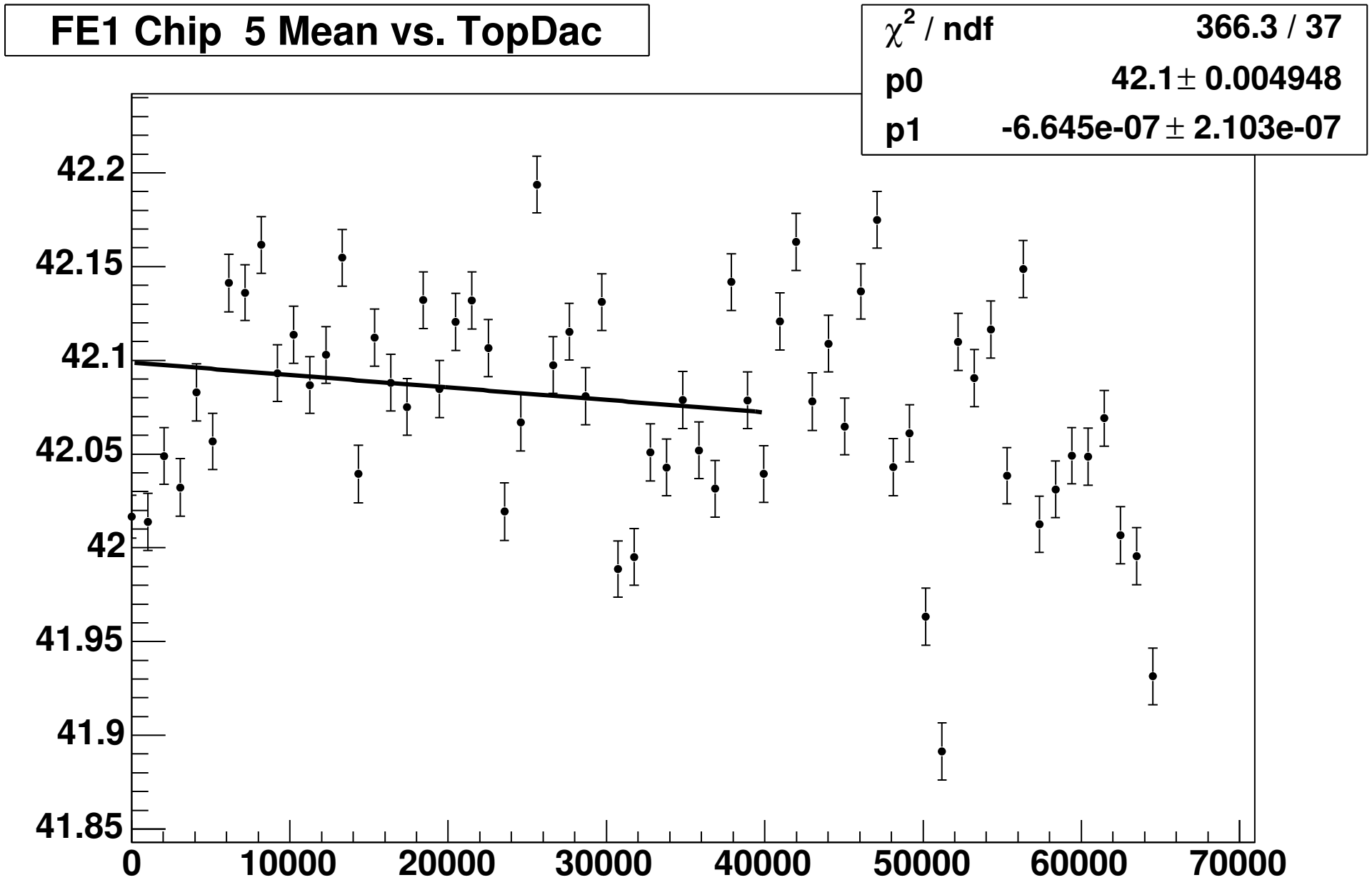
FE1 Chip 5 Mean vs. TopDac
χ² / ndf 366.3 / 37
p0 42.1 ± 0.004948
p1 -6.645e-07 ± 2.103e-07
42.2
42.15
42.1
42.05
42
41.95
41.9
41.85
0
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20000
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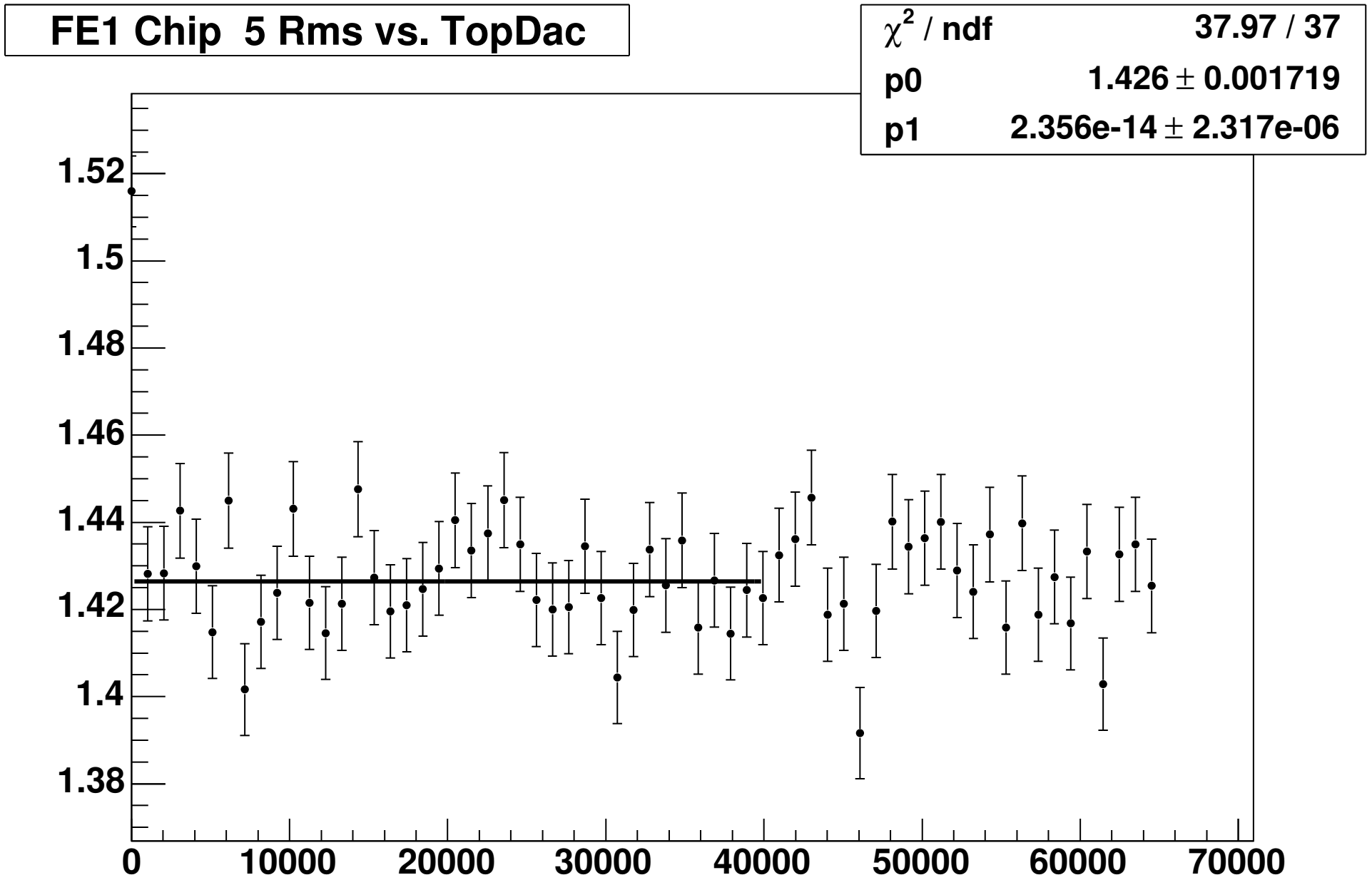
FE1 Chip 5 Rms vs. TopDac
χ² / ndf 37.97 / 37
p0 1.426 ± 0.001719
p1 2.356e-14 ± 2.317e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
0
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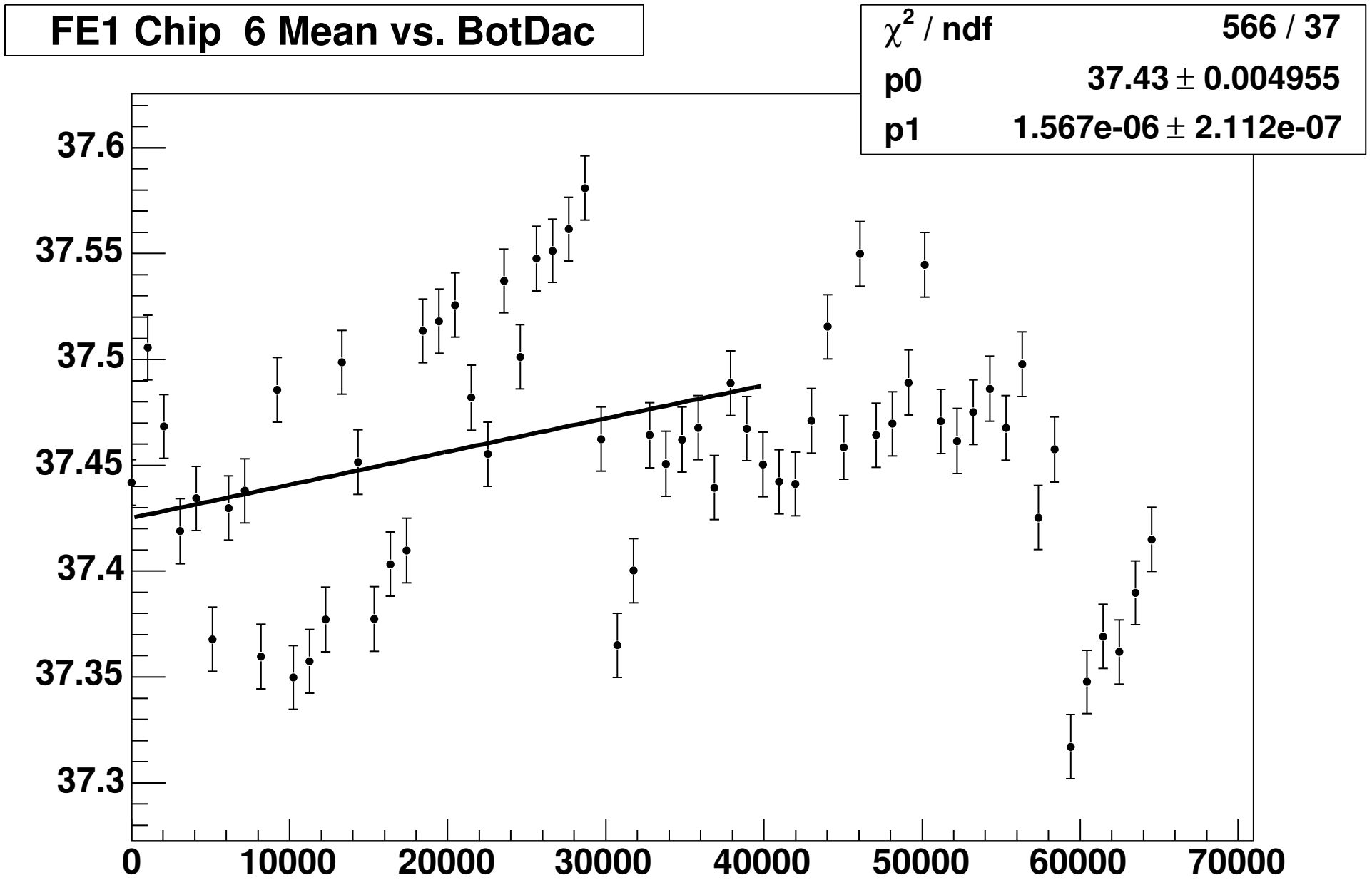
FE1 Chip 6 Mean vs. BotDac
χ² / ndf 566 / 37
p0 37.43 ± 0.004955
p1 1.567e-06 ± 2.112e-07
37.6
37.55
37.5
37.45
37.4
37.35
37.3
0
10000
20000
30000
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50000
60000
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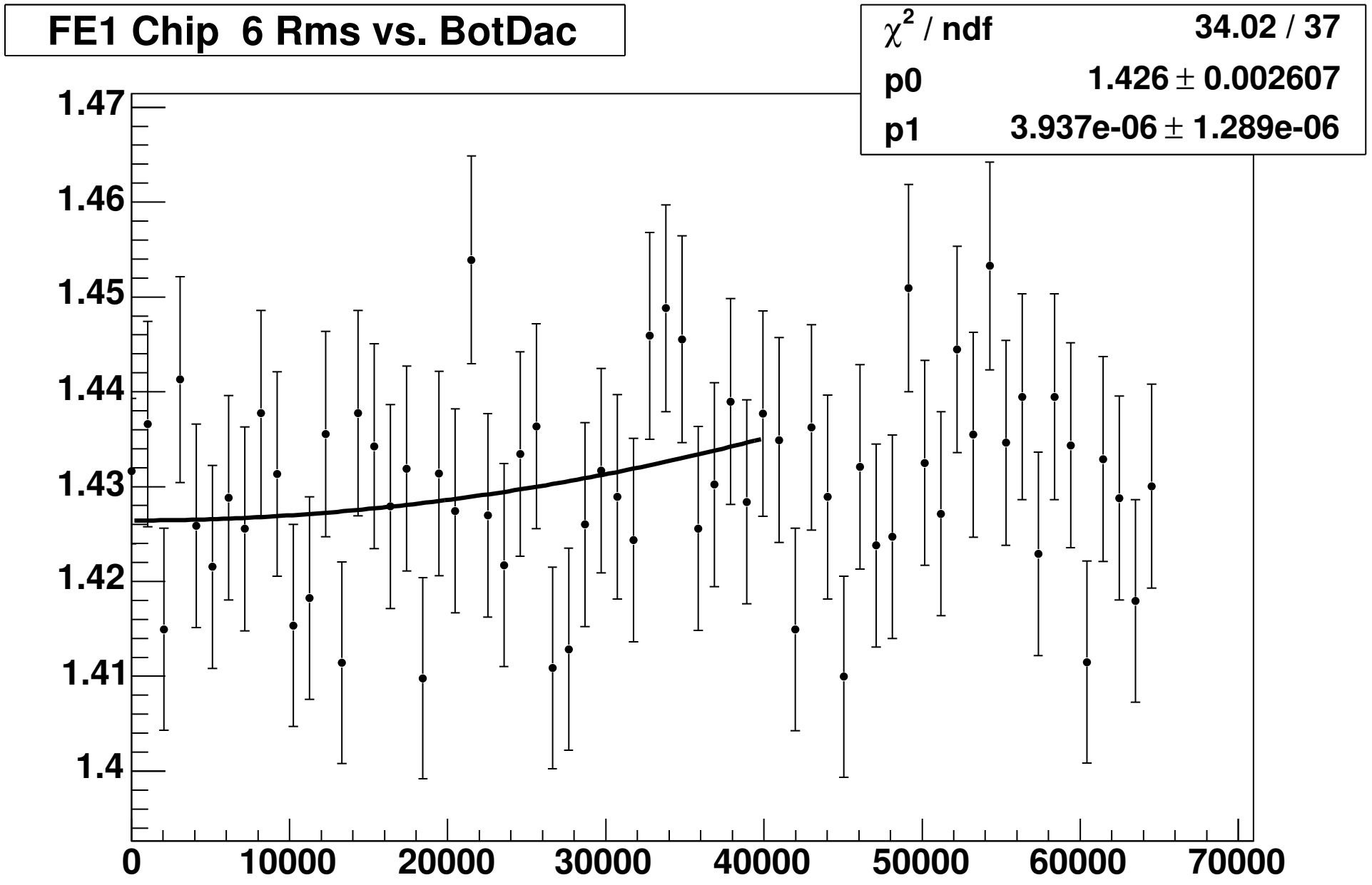
FE1 Chip 6 Rms vs. BotDac
χ² / ndf 34.02 / 37
p0 1.426 ± 0.002607
p1 3.937e-06 ± 1.289e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
0
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30000
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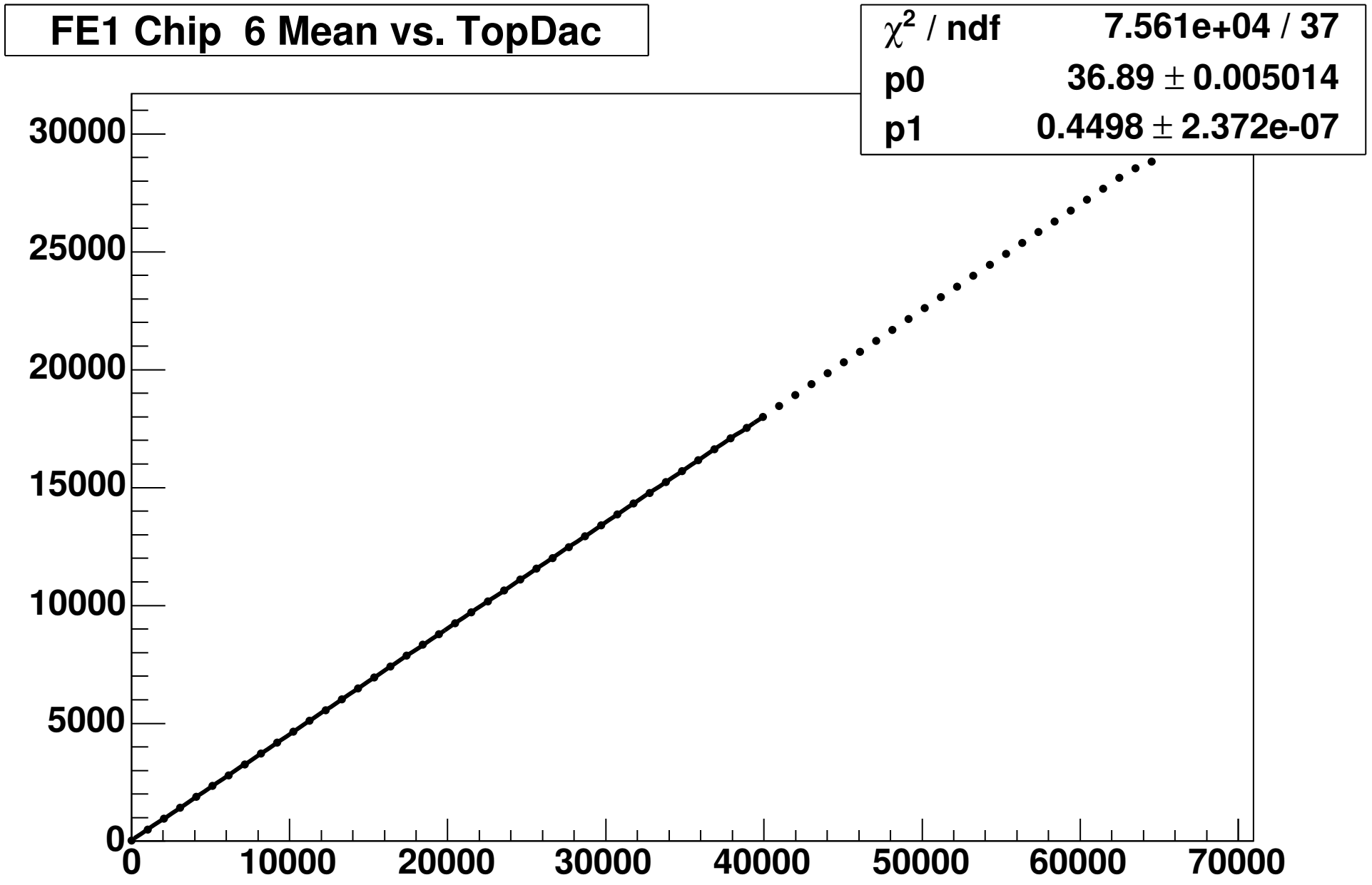
50000
60000
70000


FE1 Chip 6 Mean vs. TopDac
χ² / ndf 7.561e+04 / 37
p0 36.89 ± 0.005014
p1 0.4498 ± 2.372e-07
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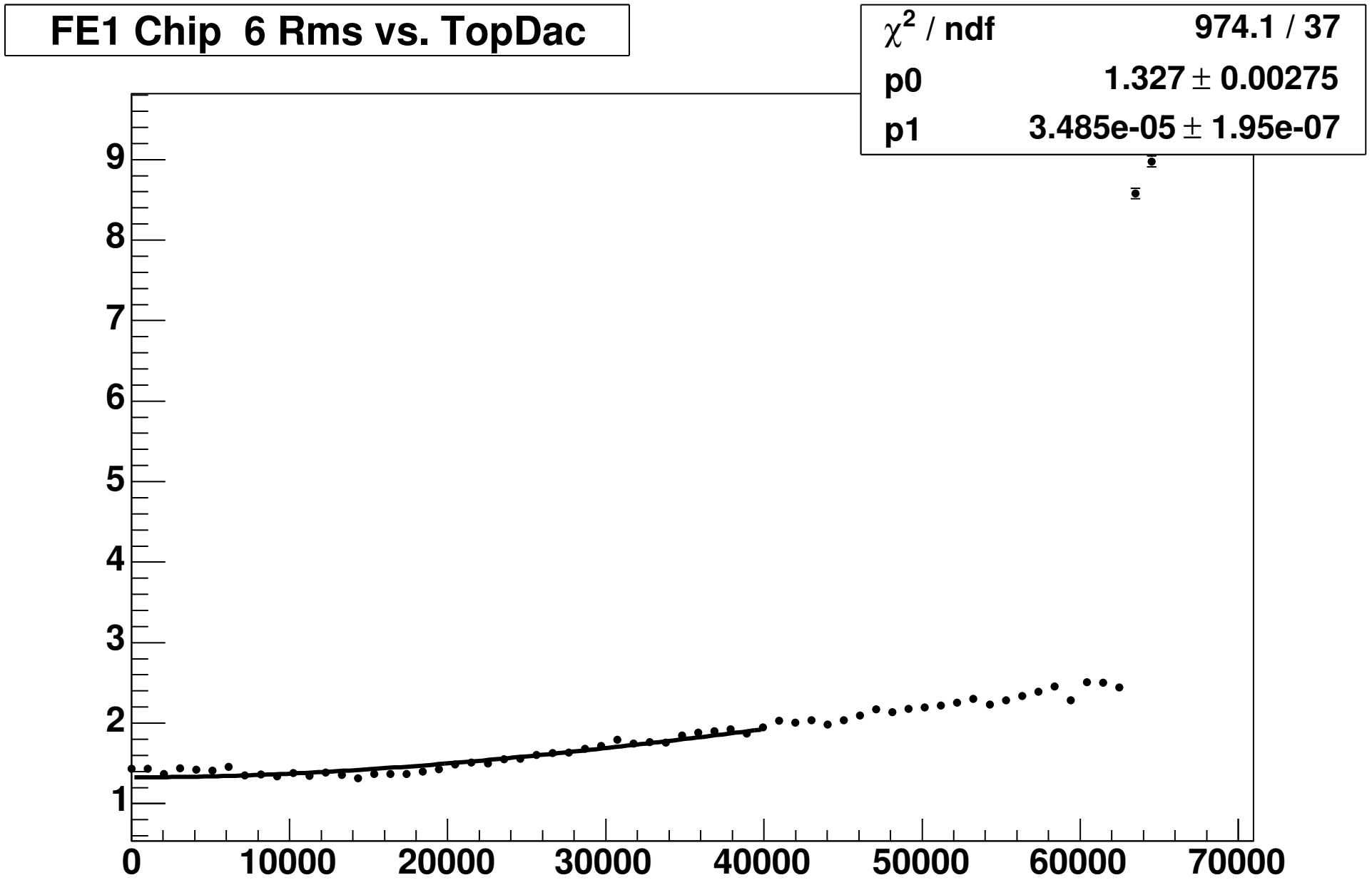
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 6 Rms vs. TopDac
χ² / ndf 974.1 / 37
p0 1.327 ± 0.00275
p1 3.485e-05 ± 1.95e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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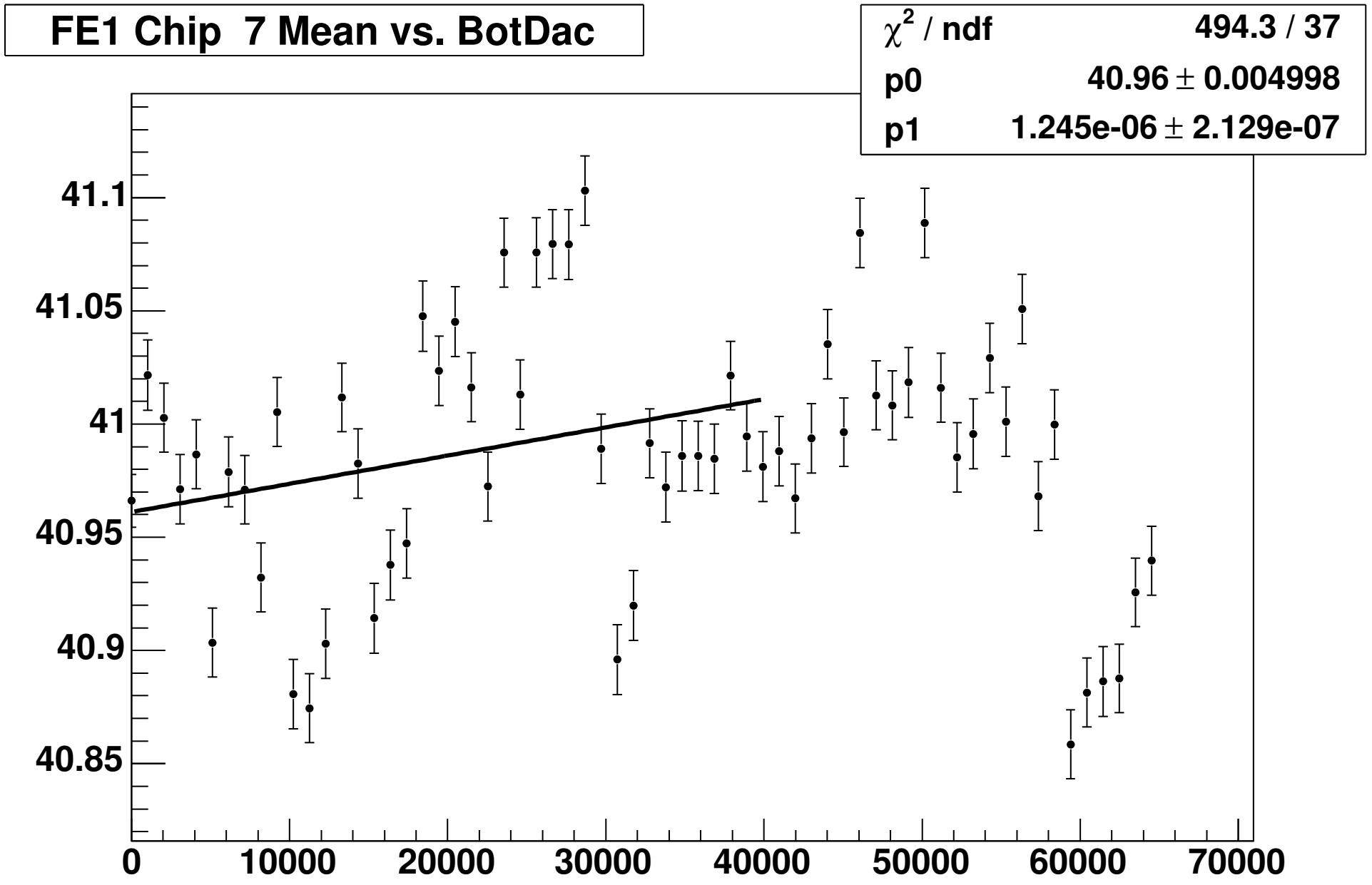
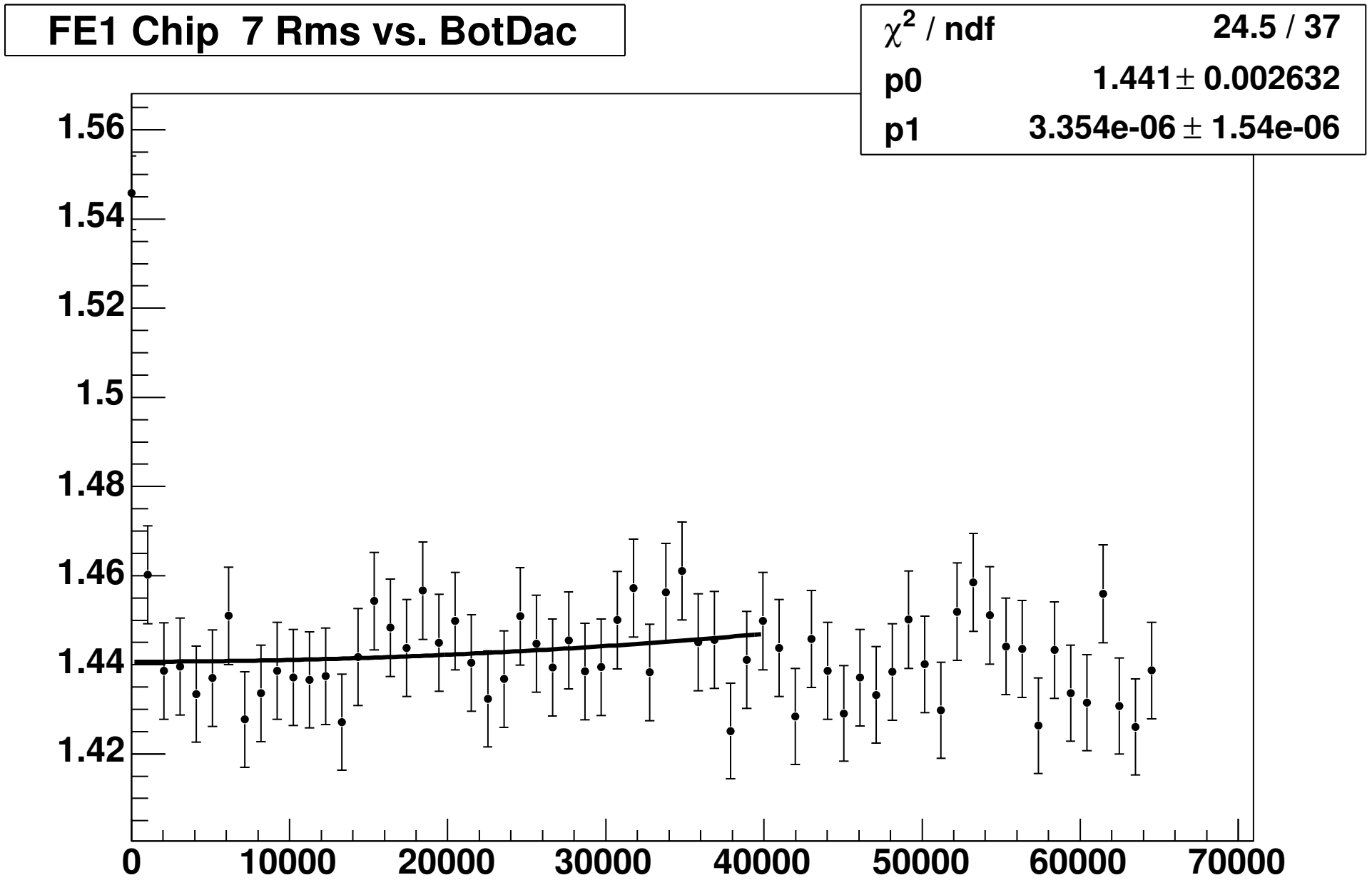
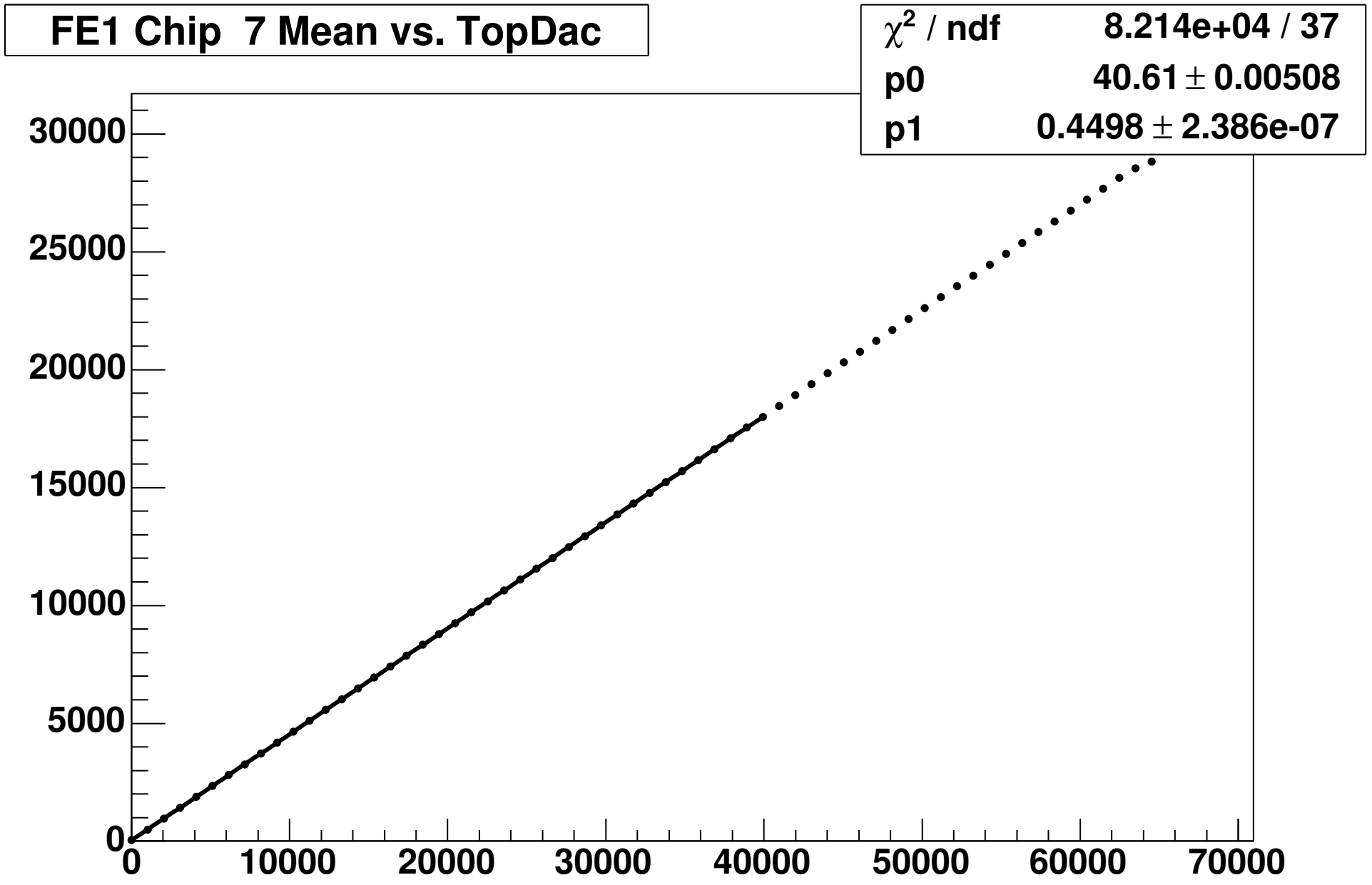
50000
60000
70000


FE1 Chip 7 Mean vs. BotDac
χ² / ndf 494.3 / 37
p0 40.96 ± 0.004998
p1 1.245e-06 ± 2.129e-07
41.1
41.05
41
40.95
40.9
40.85
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 7 Rms vs. BotDac
χ² / ndf 24.5 / 37
p0 1.441 ± 0.002632
p1 3.354e-06 ± 1.54e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 7 Mean vs. TopDac
χ² / ndf 8.214e+04 / 37
p0 40.61 ± 0.00508
p1 0.4498 ± 2.386e-07
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10000
5000
0
0
10000
20000
30000
40000
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60000
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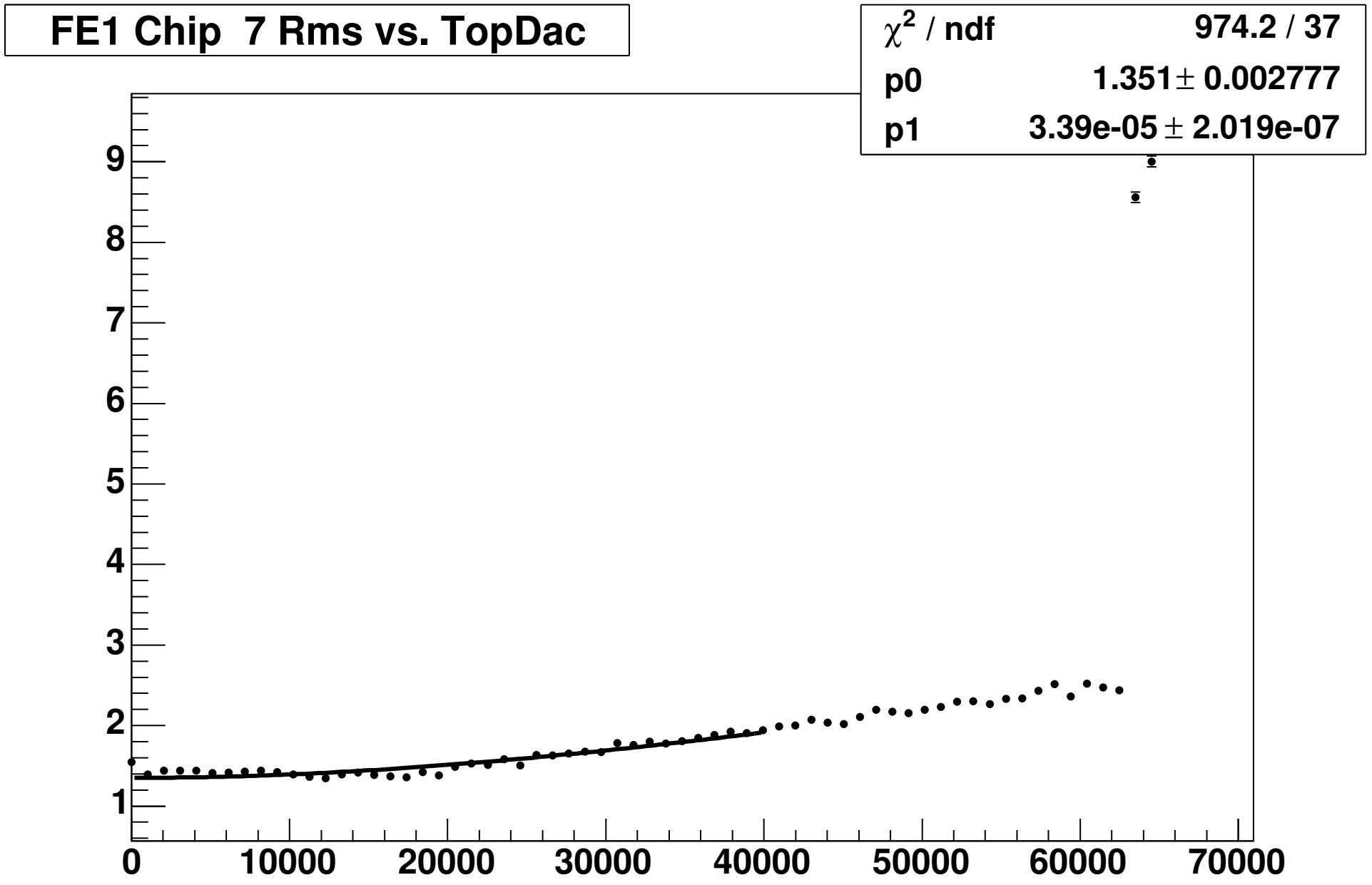
FE1 Chip 7 Rms vs. TopDac
χ² / ndf 974.2 / 37
p0 1.351 ± 0.002777
p1 3.39e-05 ± 2.019e-07
9
8
7
6
5
4
3
2
1
0
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20000
30000
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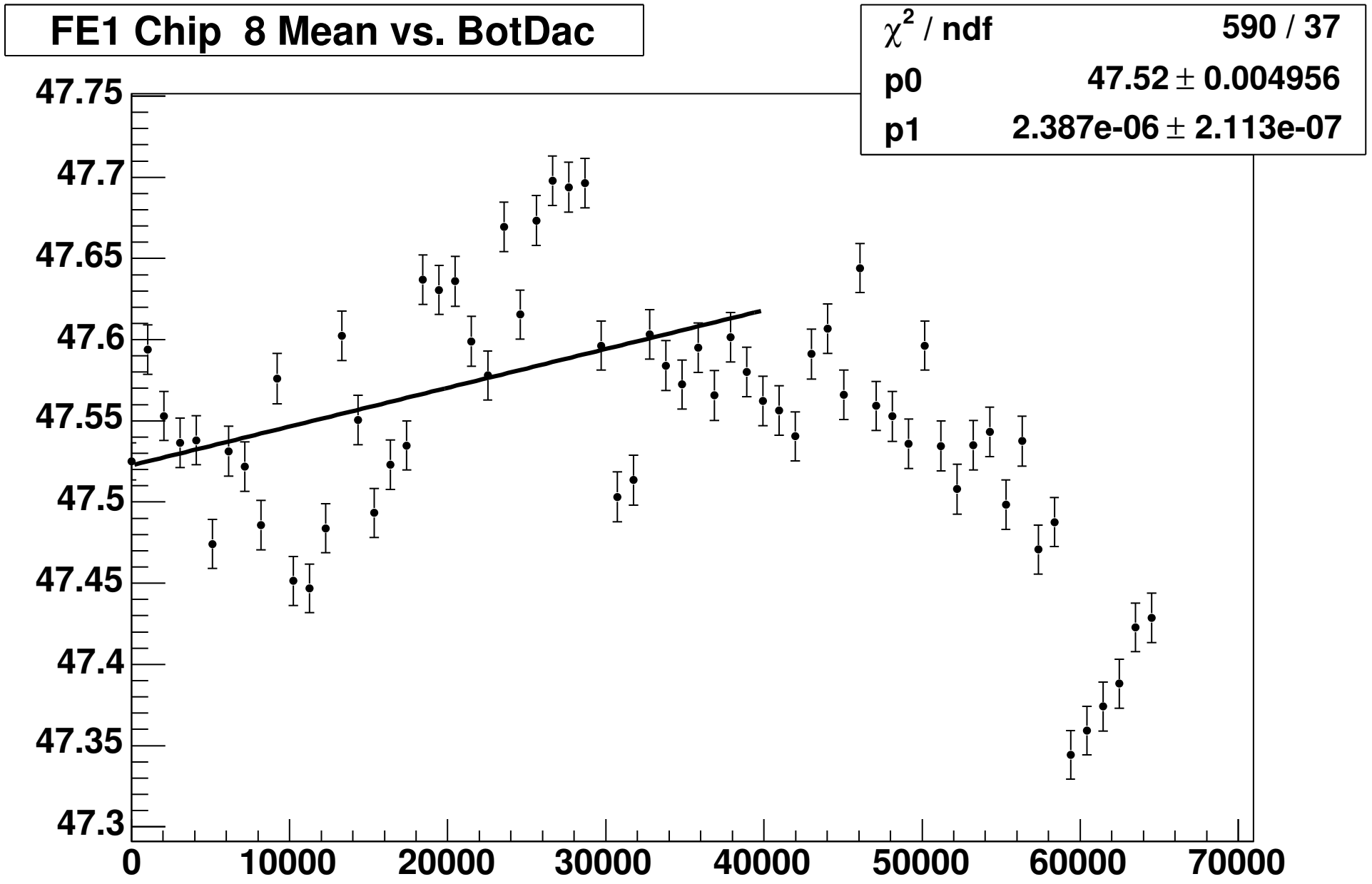
FE1 Chip 8 Mean vs. BotDac
χ² / ndf 590 / 37
p0 47.52 ± 0.004956
p1 2.387e-06 ± 2.113e-07
47.75
47.7
47.65
47.6
47.55
47.5
47.45
47.4
47.35
47.3
0
10000
20000
30000
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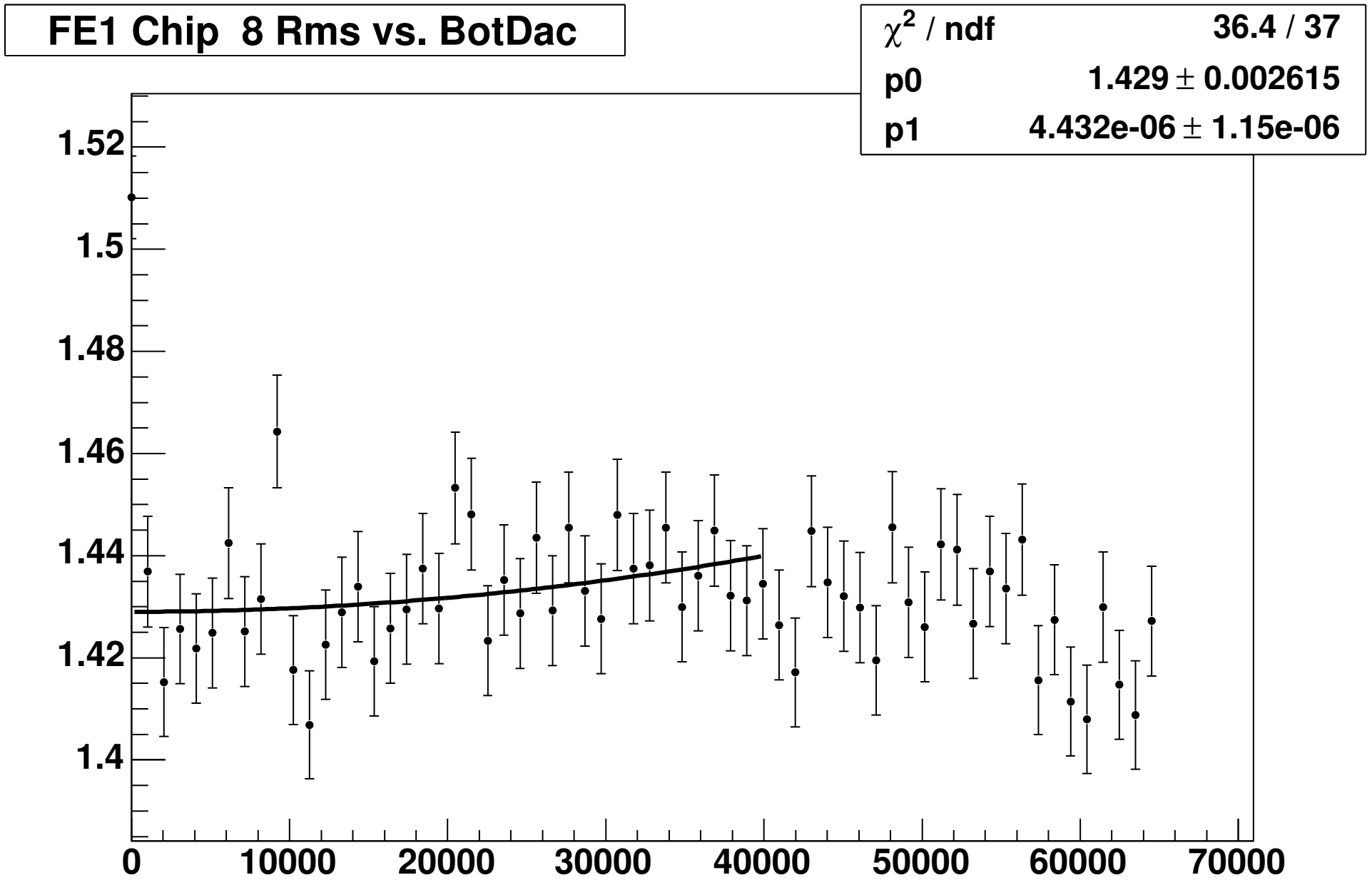
FE1 Chip 8 Rms vs. BotDac
χ² / ndf 36.4 / 37
p0 1.429 ± 0.002615
p1 4.432e-06 ± 1.15e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
20000
30000
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50000
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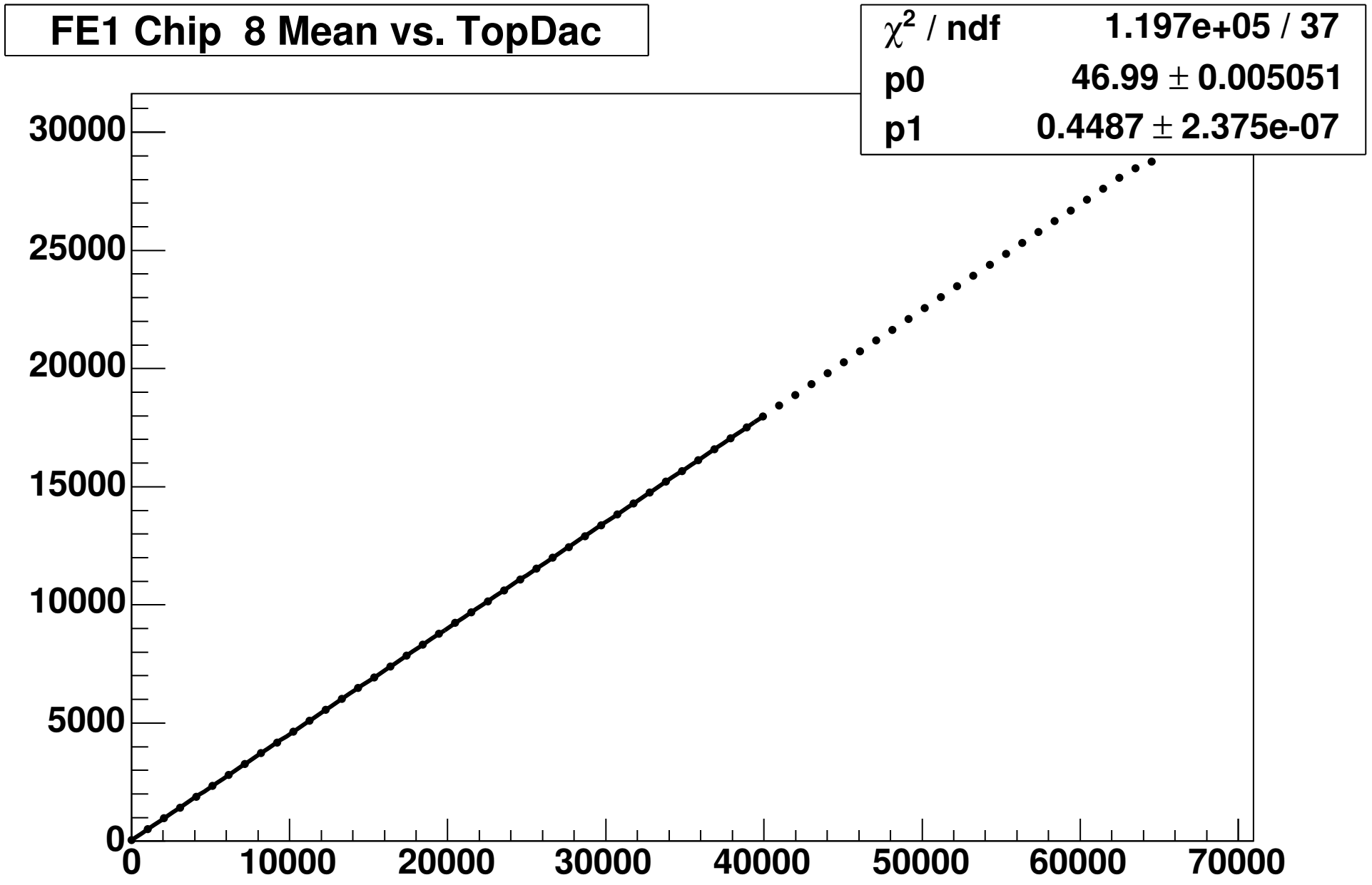
FE1 Chip 8 Mean vs. TopDac
χ² / ndf 1.197e+05 / 37
p0 46.99 ± 0.005051
p1 0.4487 ± 2.375e-07
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15000
10000
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0
0
10000
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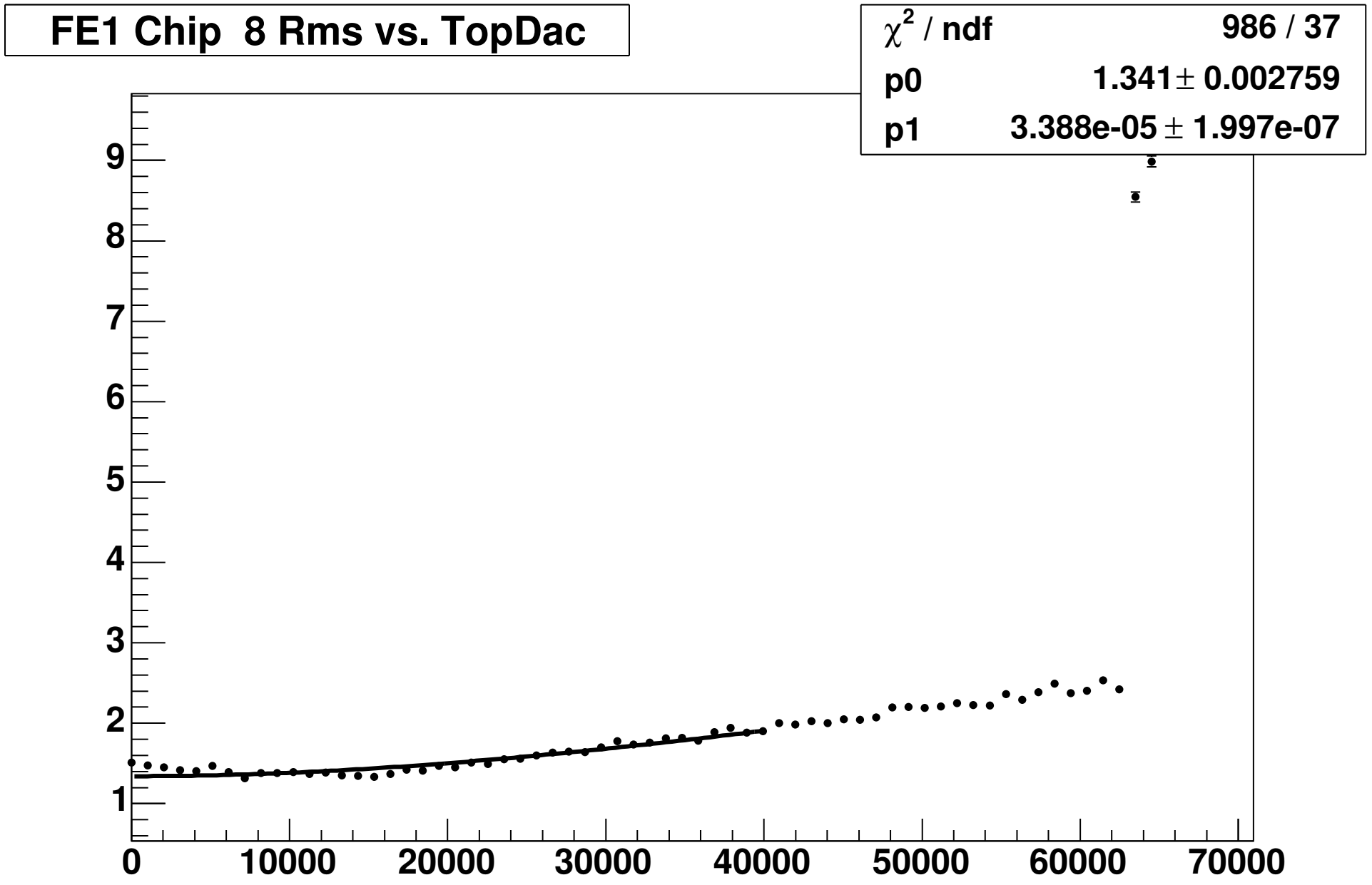
FE1 Chip 8 Rms vs. TopDac
χ² / ndf 986 / 37
p0 1.341 ± 0.002759
p1 3.388e-05 ± 1.997e-07
9
8
7
6
5
4
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2
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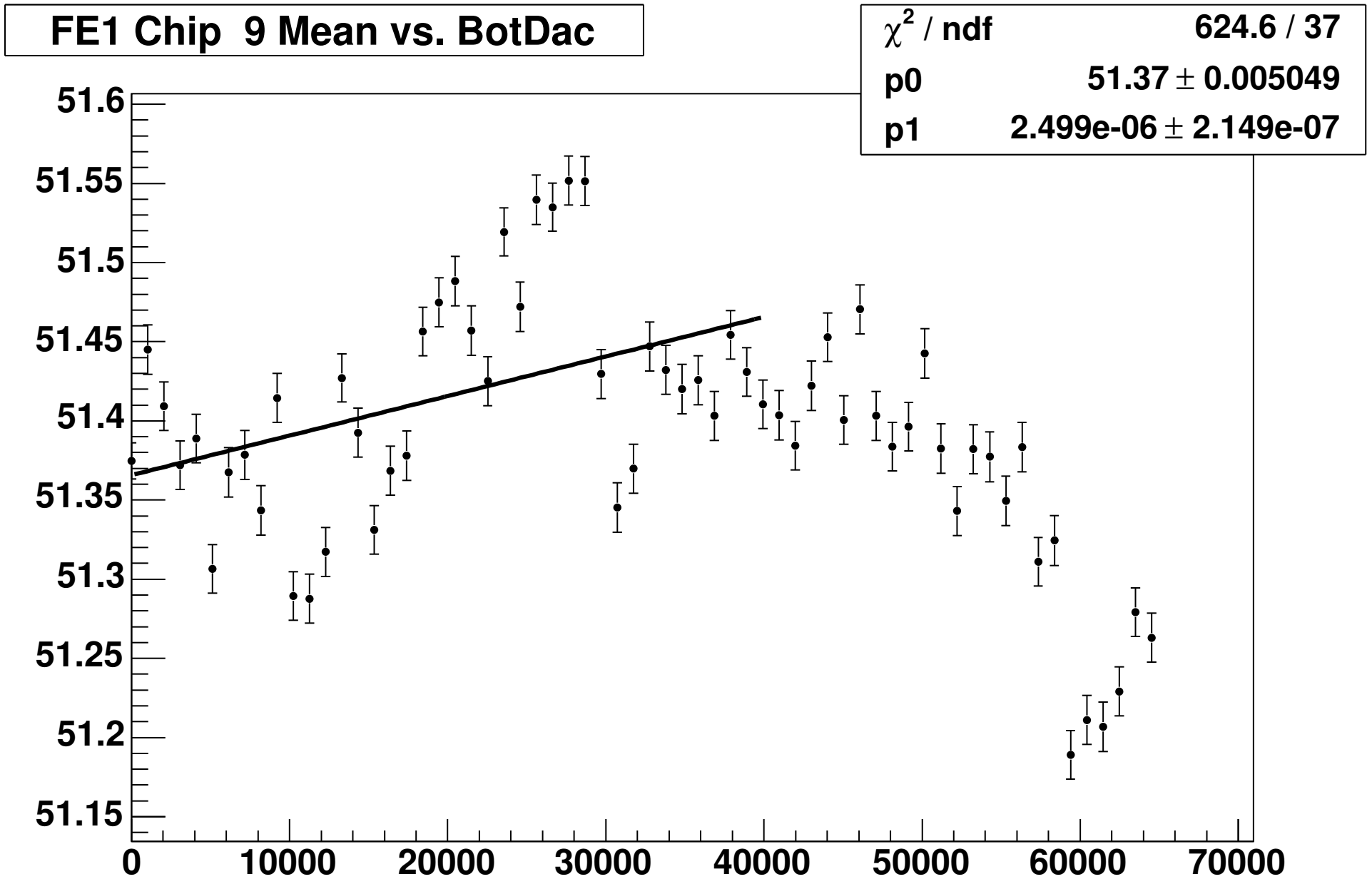
FE1 Chip 9 Mean vs. BotDac
χ² / ndf 624.6 / 37
p0 51.37 ± 0.005049
p1 2.499e-06 ± 2.149e-07
51.6
51.55
51.5
51.45
51.4
51.35
51.3
51.25
51.2
51.15
0
10000
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50000
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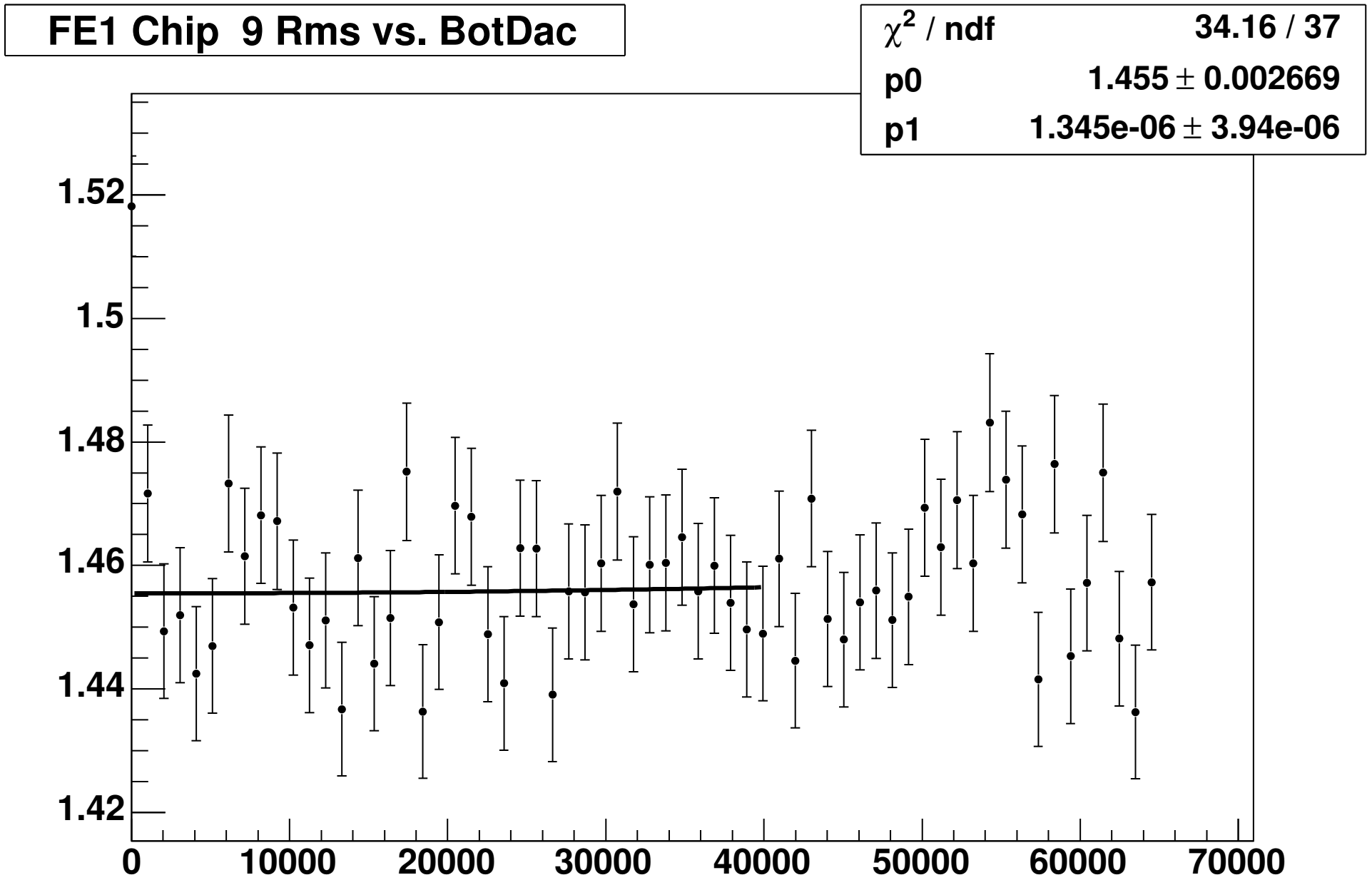
70000


FE1 Chip 9 Rms vs. BotDac
χ² / ndf 34.16 / 37
p0 1.455 ± 0.002669
p1 1.345e-06 ± 3.94e-06
1.52
1.5
1.48
1.46
1.44
1.42
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10000
20000
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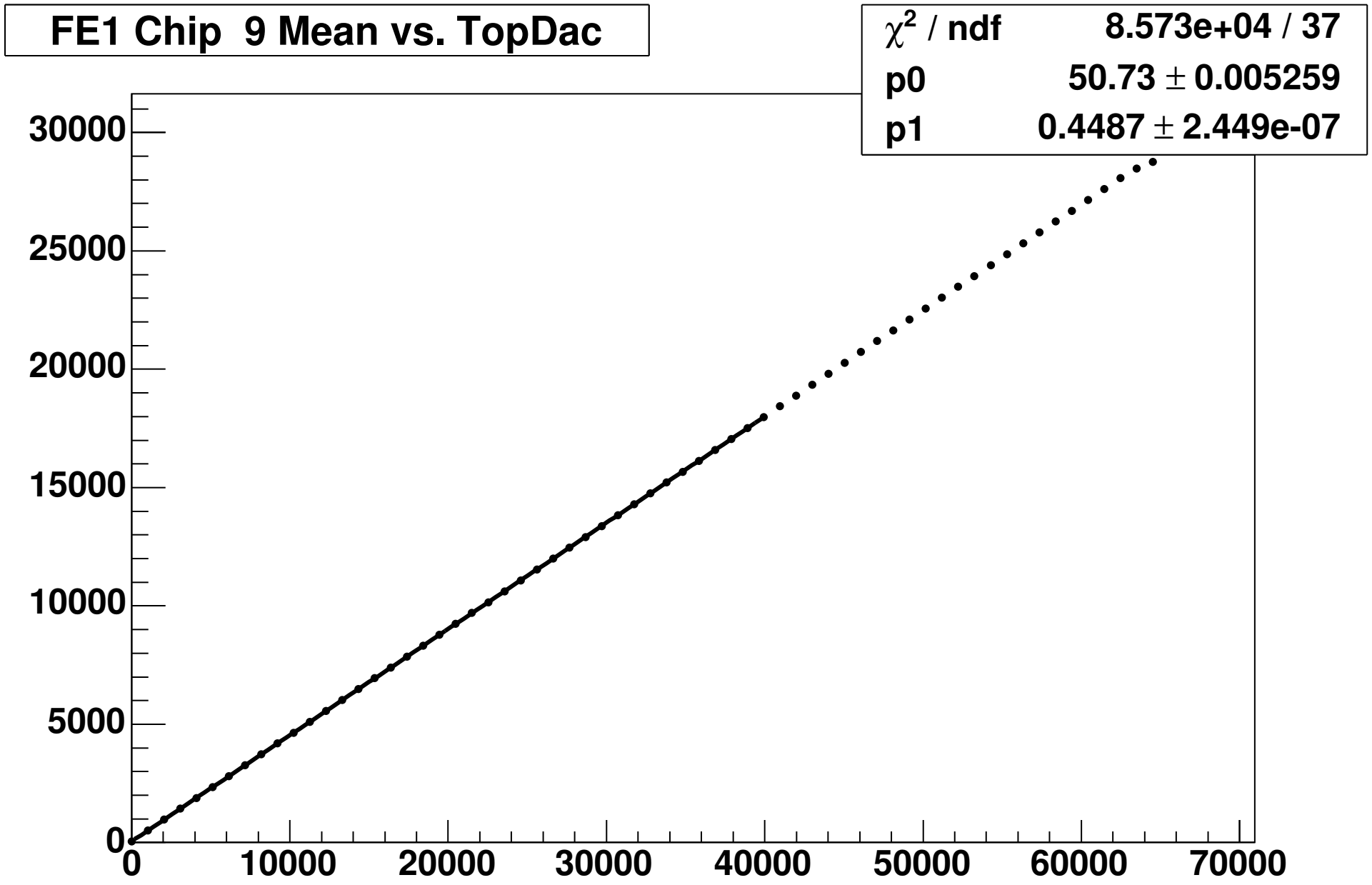
FE1 Chip 9 Mean vs. TopDac
χ² / ndf 8.573e+04 / 37
p0 50.73 ± 0.005259
p1 0.4487 ± 2.449e-07
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20000
15000
10000
5000
0
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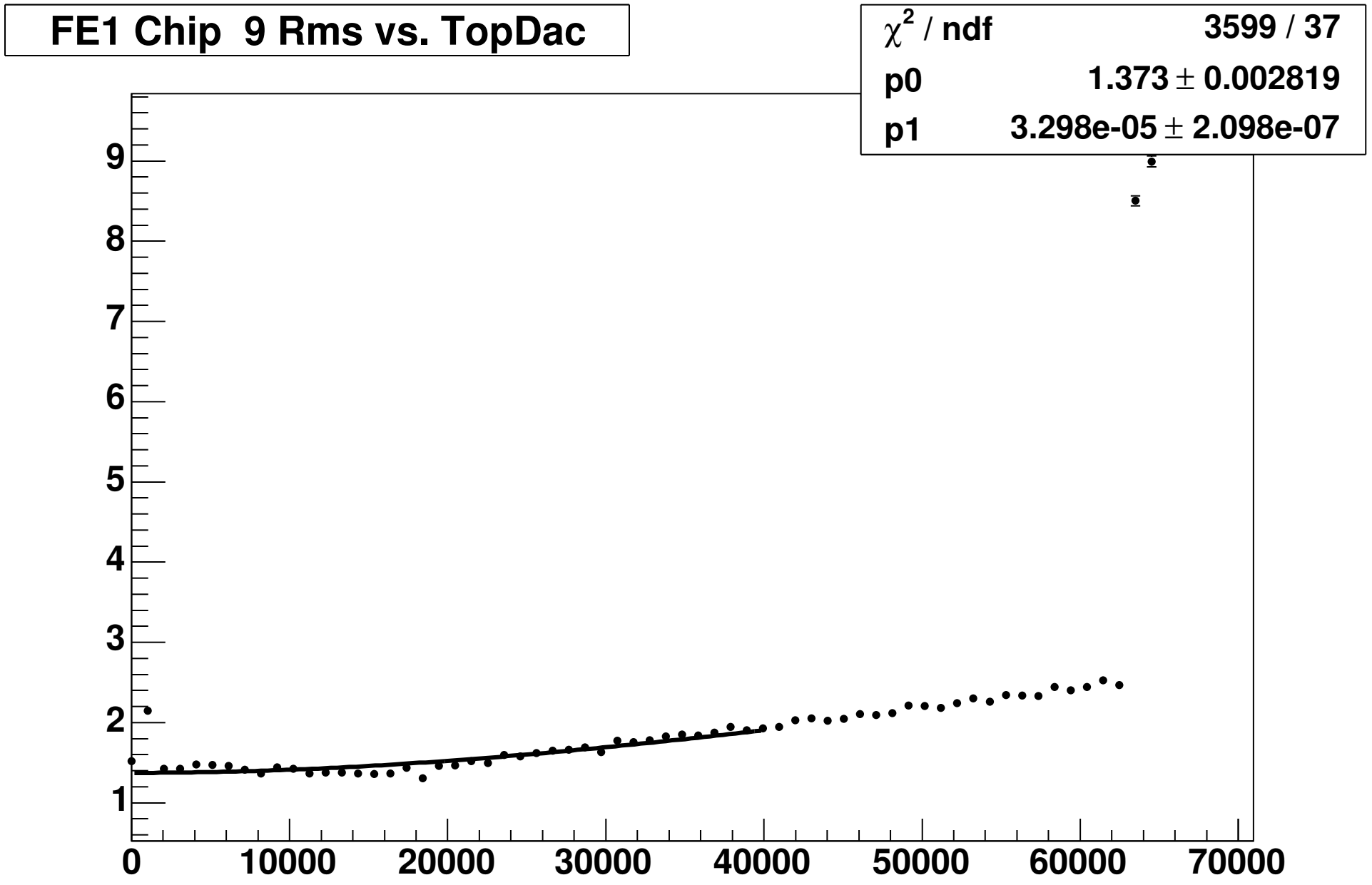
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 9 Rms vs. TopDac
χ² / ndf 3599 / 37
p0 1.373 ± 0.002819
p1 3.298e-05 ± 2.098e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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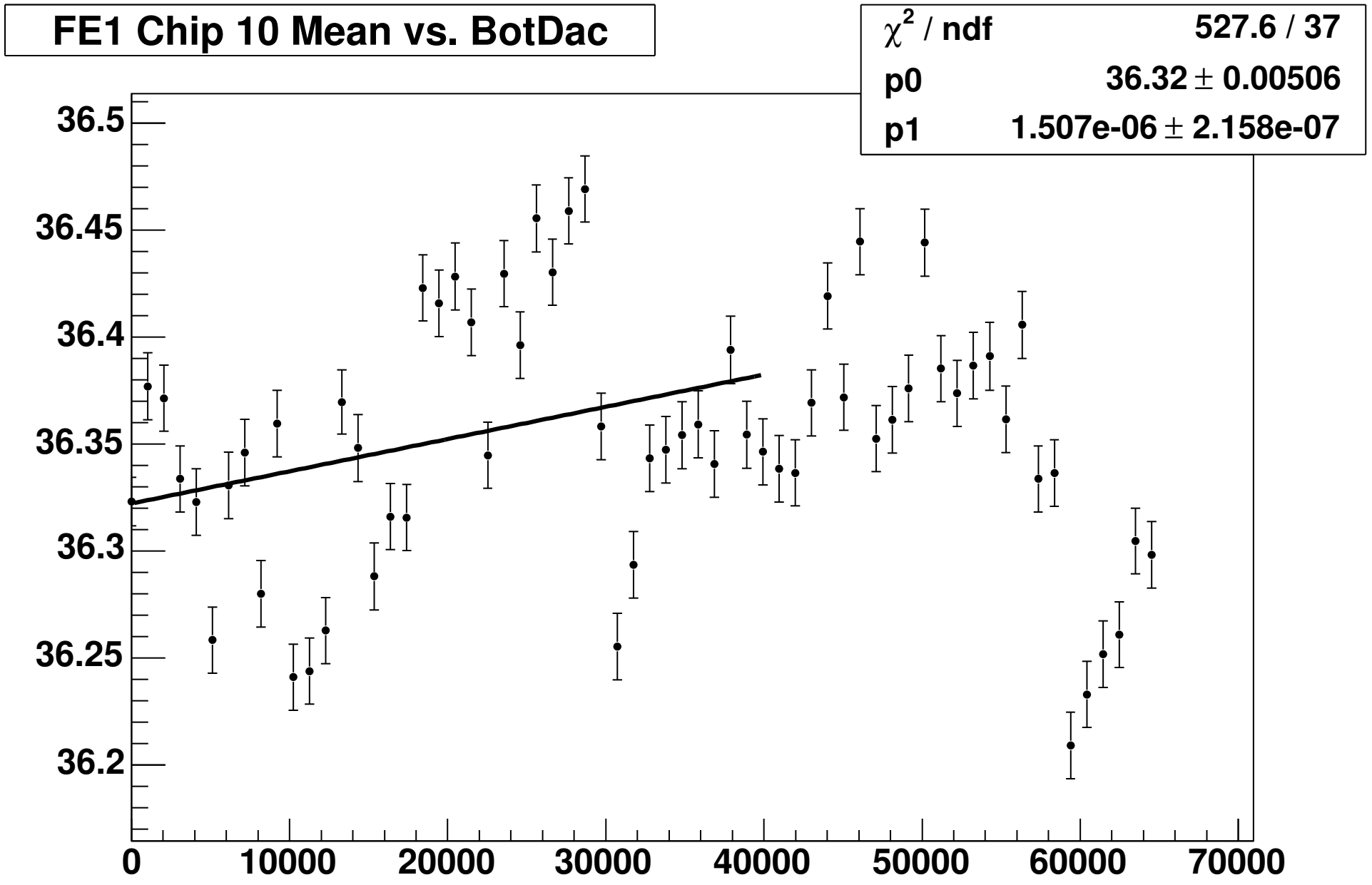
50000
60000
70000


FE1 Chip 10 Mean vs. BotDac
χ² / ndf 527.6 / 37
p0 36.32 ± 0.00506
p1 1.507e-06 ± 2.158e-07
36.5
36.45
36.4
36.35
36.3
36.25
36.2
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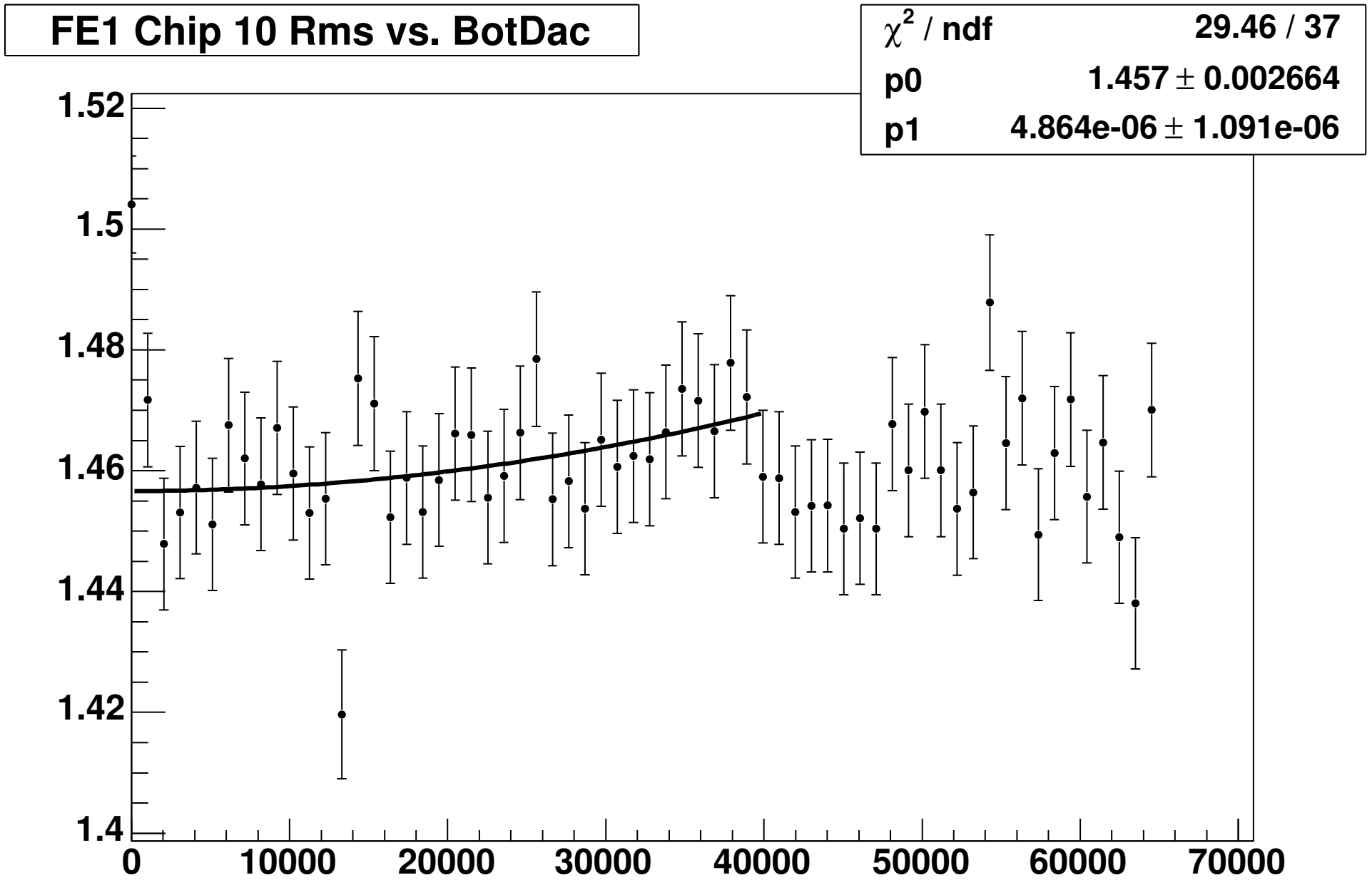
FE1 Chip 10 Rms vs. BotDac
χ² / ndf 29.46 / 37
p0 1.457 ± 0.002664
p1 4.864e-06 ± 1.091e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
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10000
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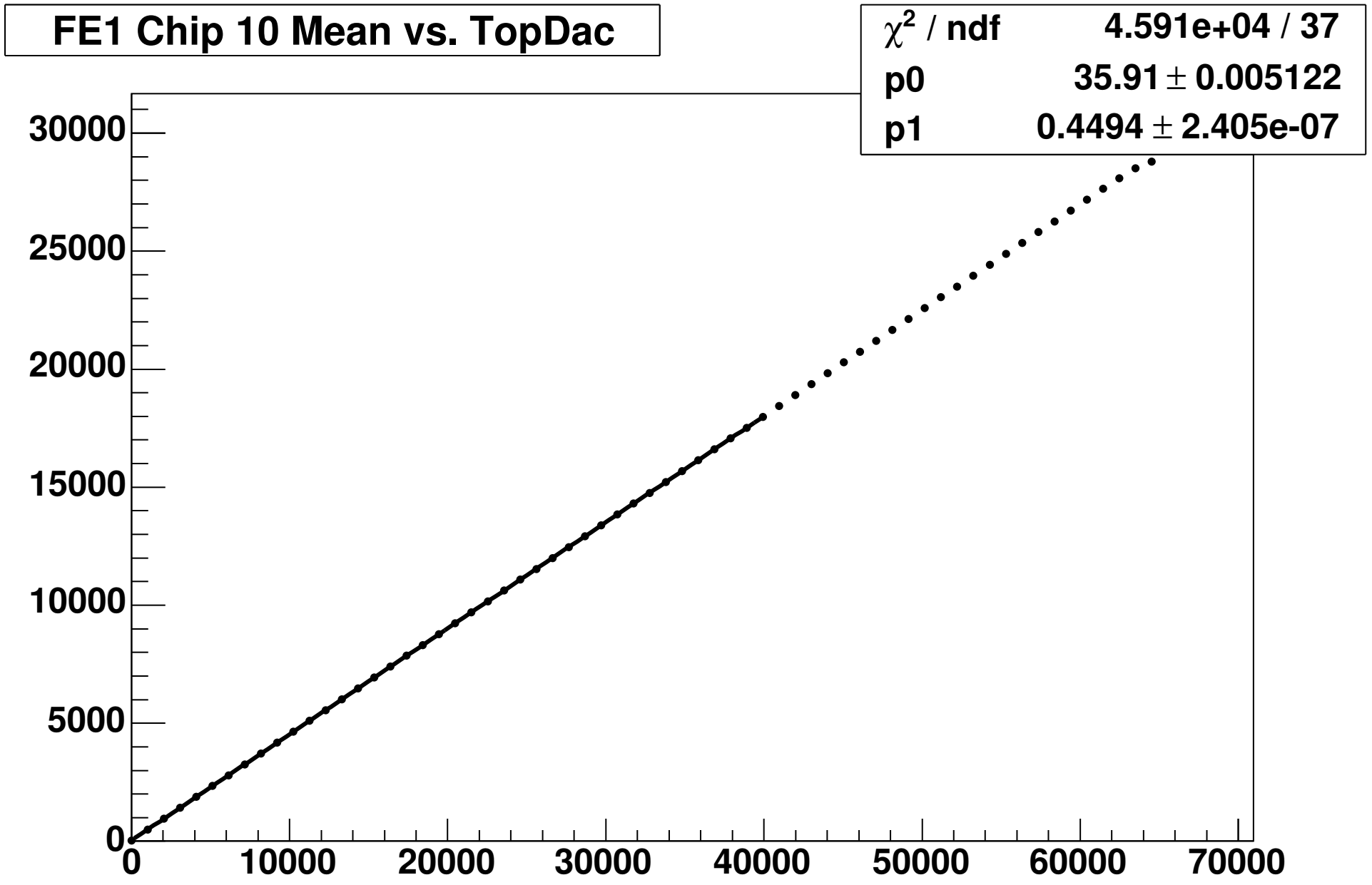
FE1 Chip 10 Mean vs. TopDac
χ² / ndf 4.591e+04 / 37
p0 35.91 ± 0.005122
p1 0.4494 ± 2.405e-07
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10000
20000
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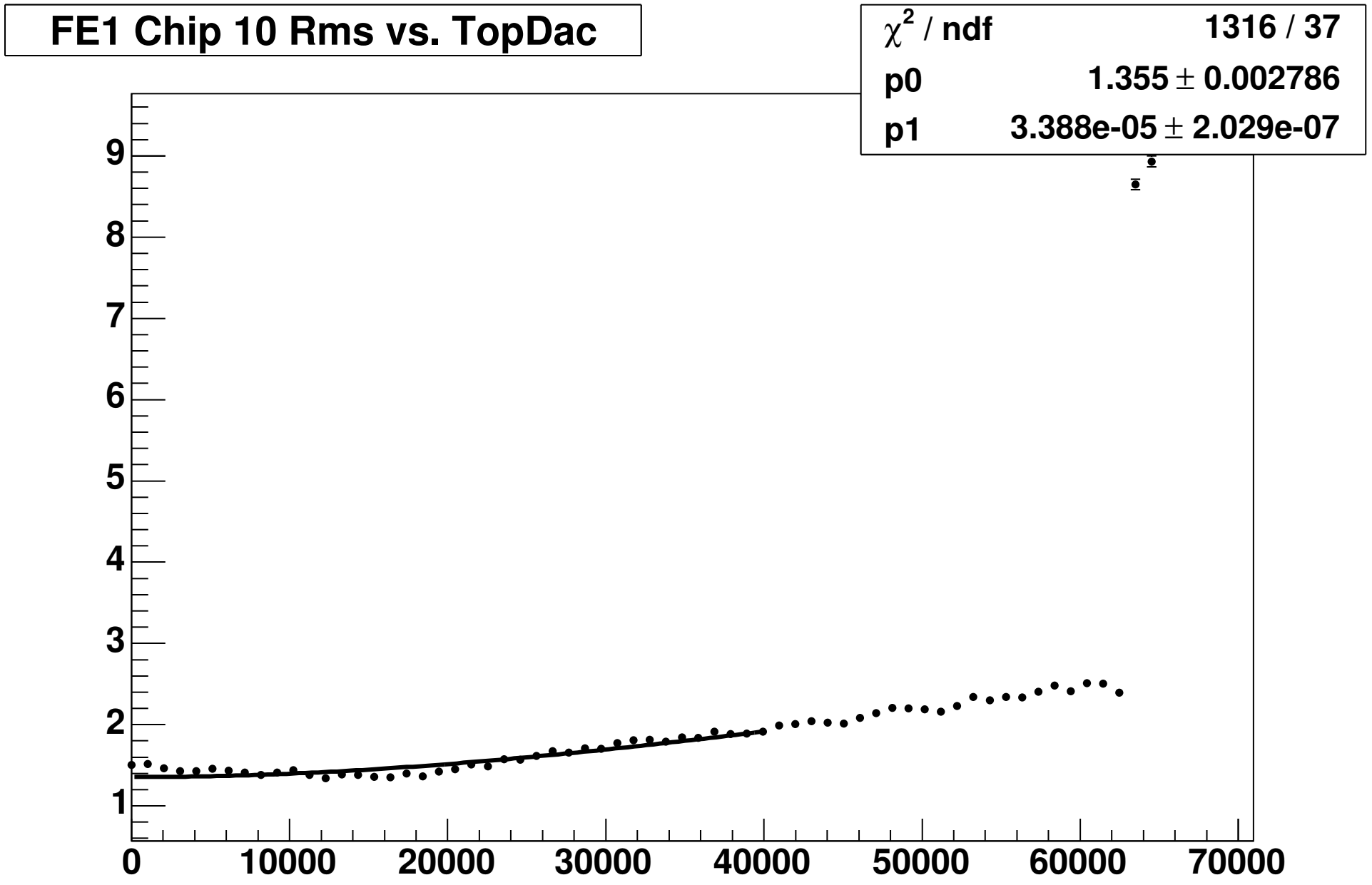
FE1 Chip 10 Rms vs. TopDac
χ² / ndf 1316 / 37
p0 1.355 ± 0.002786
p1 3.388e-05 ± 2.029e-07
9
8
7
6
5
4
3
2
1
0
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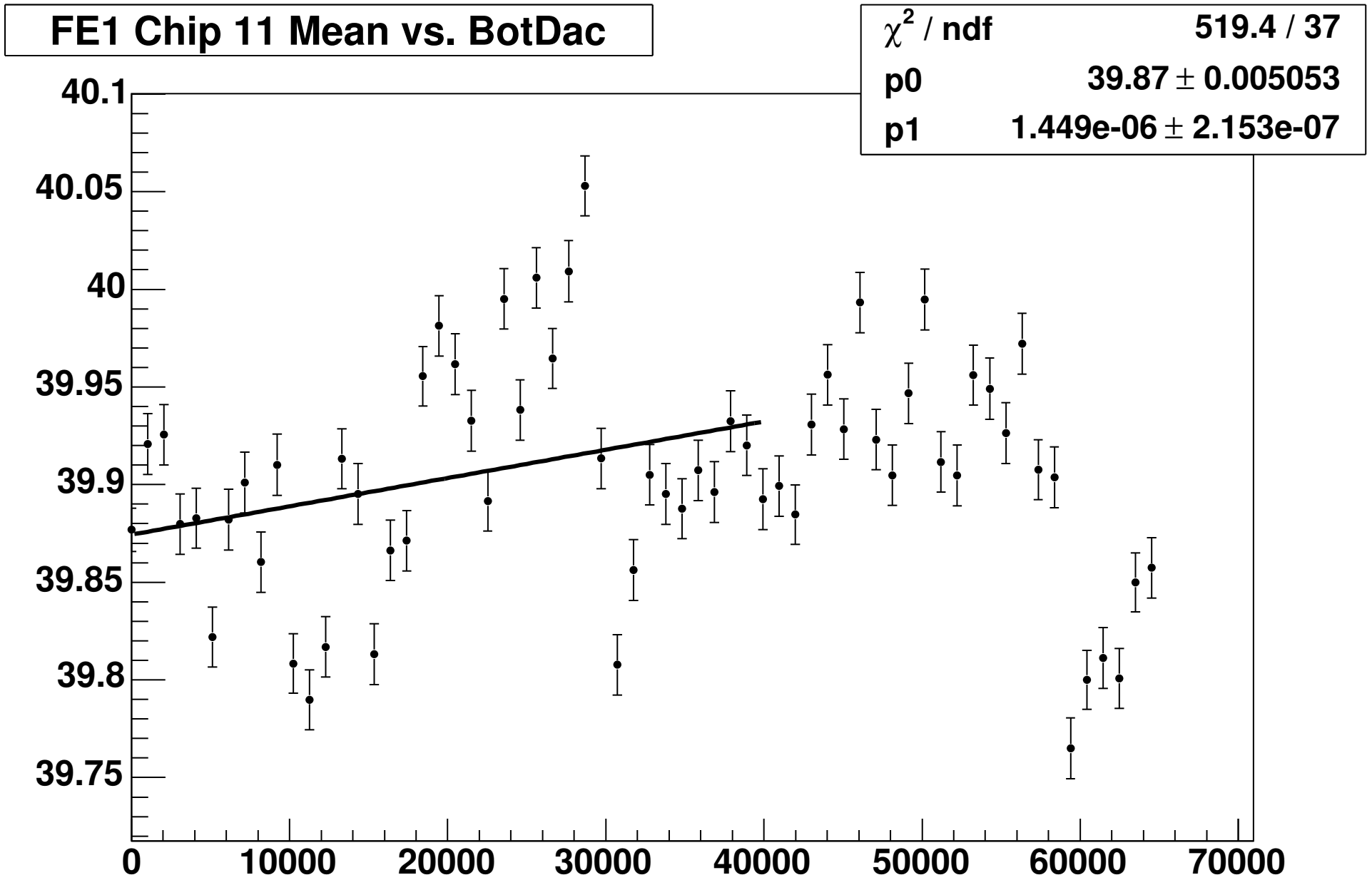
20000
30000
40000
50000
60000
70000


FE1 Chip 11 Mean vs. BotDac
χ² / ndf 519.4 / 37
p0 39.87 ± 0.005053
p1 1.449e-06 ± 2.153e-07
40.1
40.05
40
39.95
39.9
39.85
39.8
39.75
0
10000
20000
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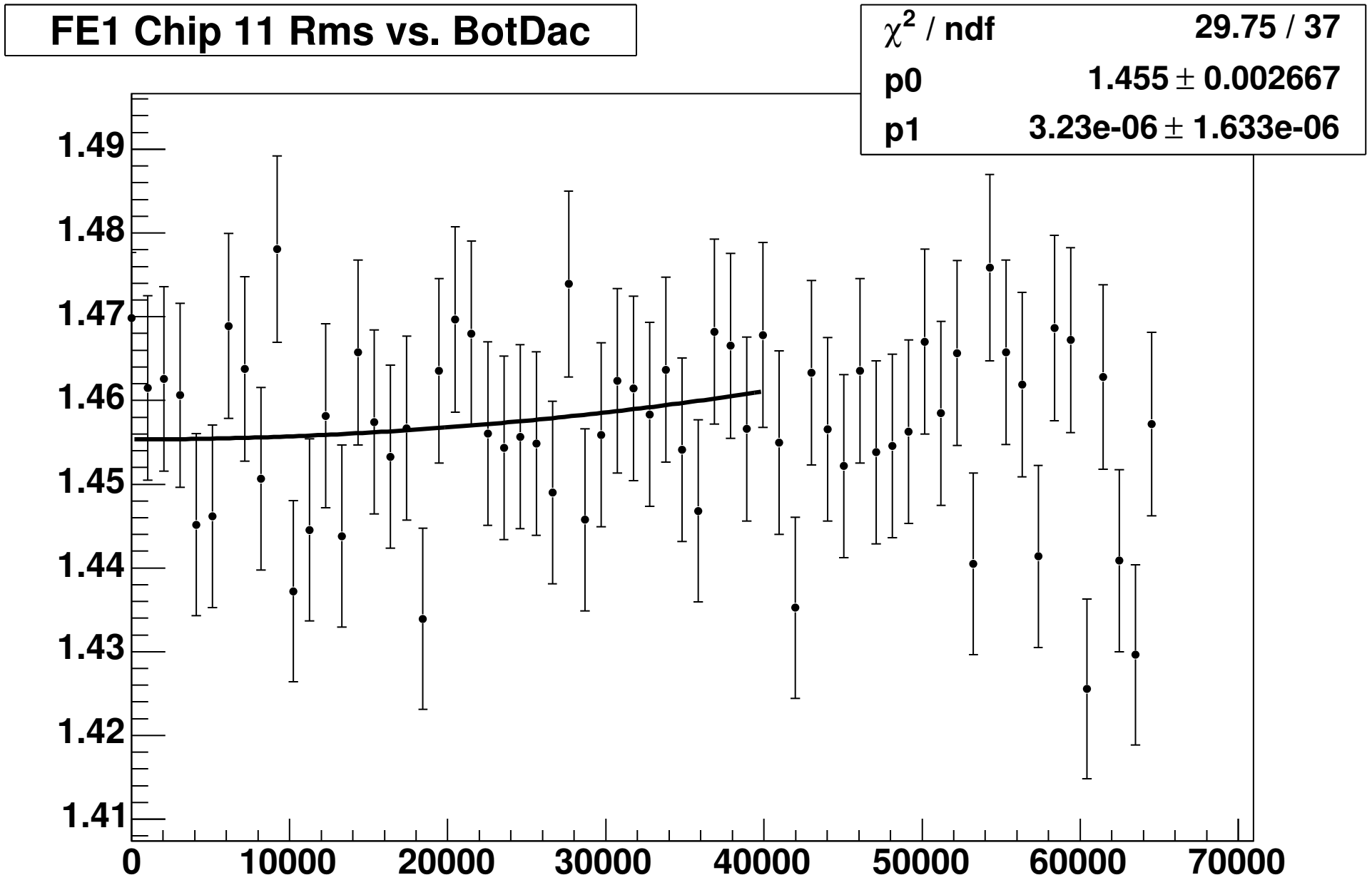
FE1 Chip 11 Rms vs. BotDac
χ² / ndf 29.75 / 37
p0 1.455 ± 0.002667
p1 3.23e-06 ± 1.633e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
20000
30000
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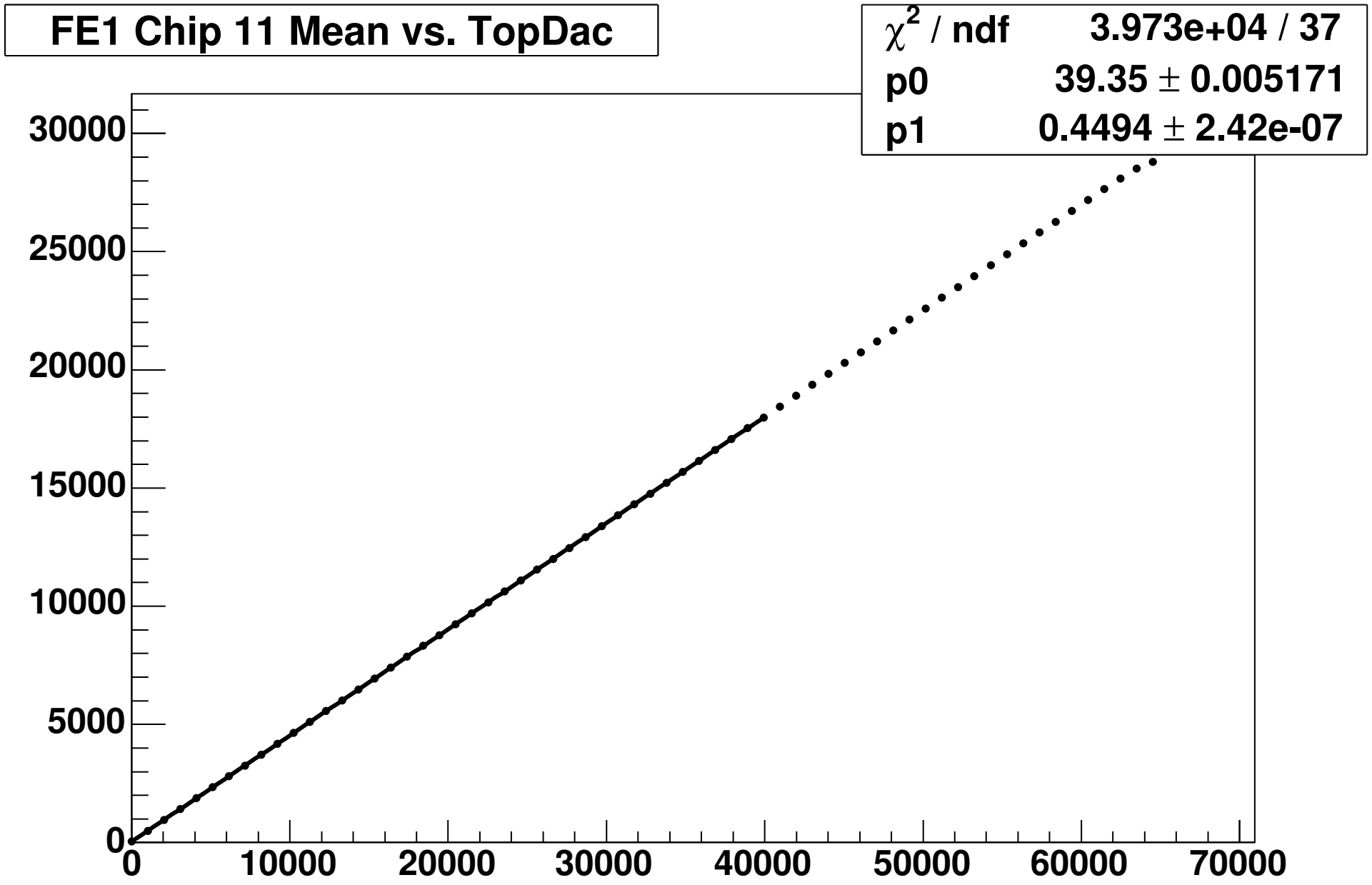
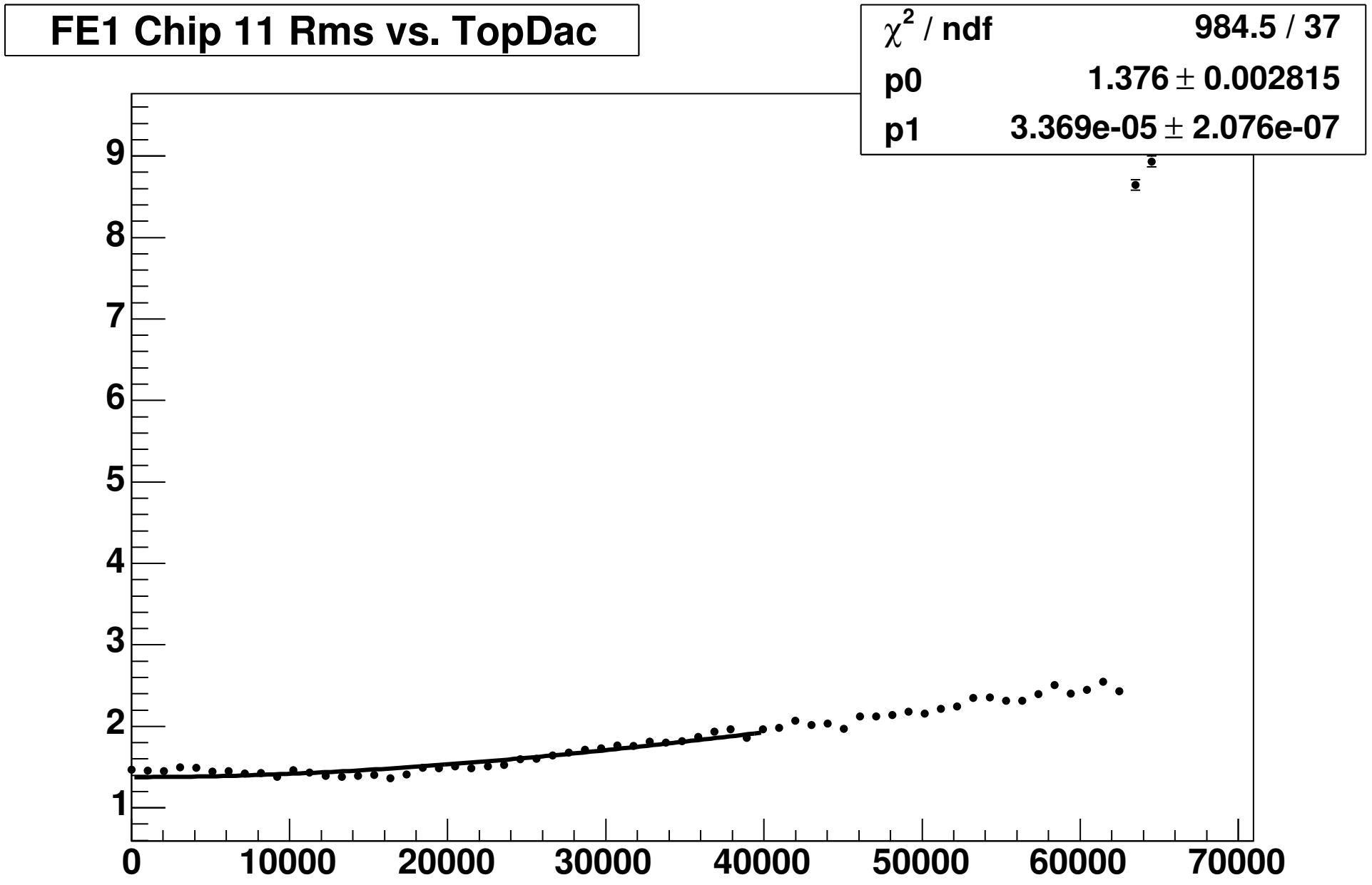
70000


FE1 Chip 11 Mean vs. TopDac
χ² / ndf 3.973e+04 / 37
p0 39.35 ± 0.005171
p1 0.4494 ± 2.42e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 11 Rms vs. TopDac
χ² / ndf 984.5 / 37
p0 1.376 ± 0.002815
p1 3.369e-05 ± 2.076e-07
9
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7
6
5
4
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2
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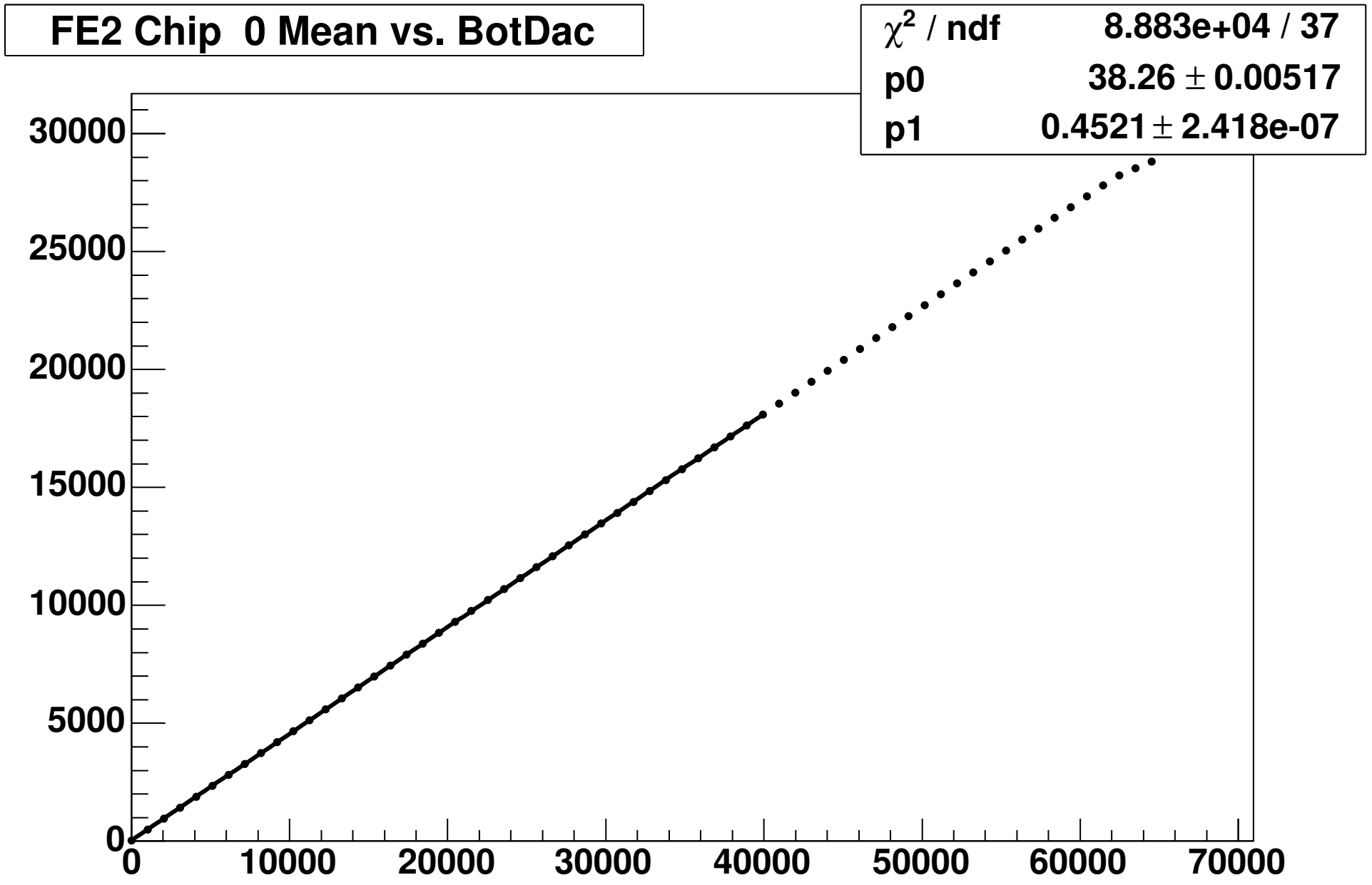
FE2 Chip 0 Mean vs. BotDac
χ² / ndf 8.883e+04 / 37
p0 38.26 ± 0.00517
p1 0.4521 ± 2.418e-07
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15000
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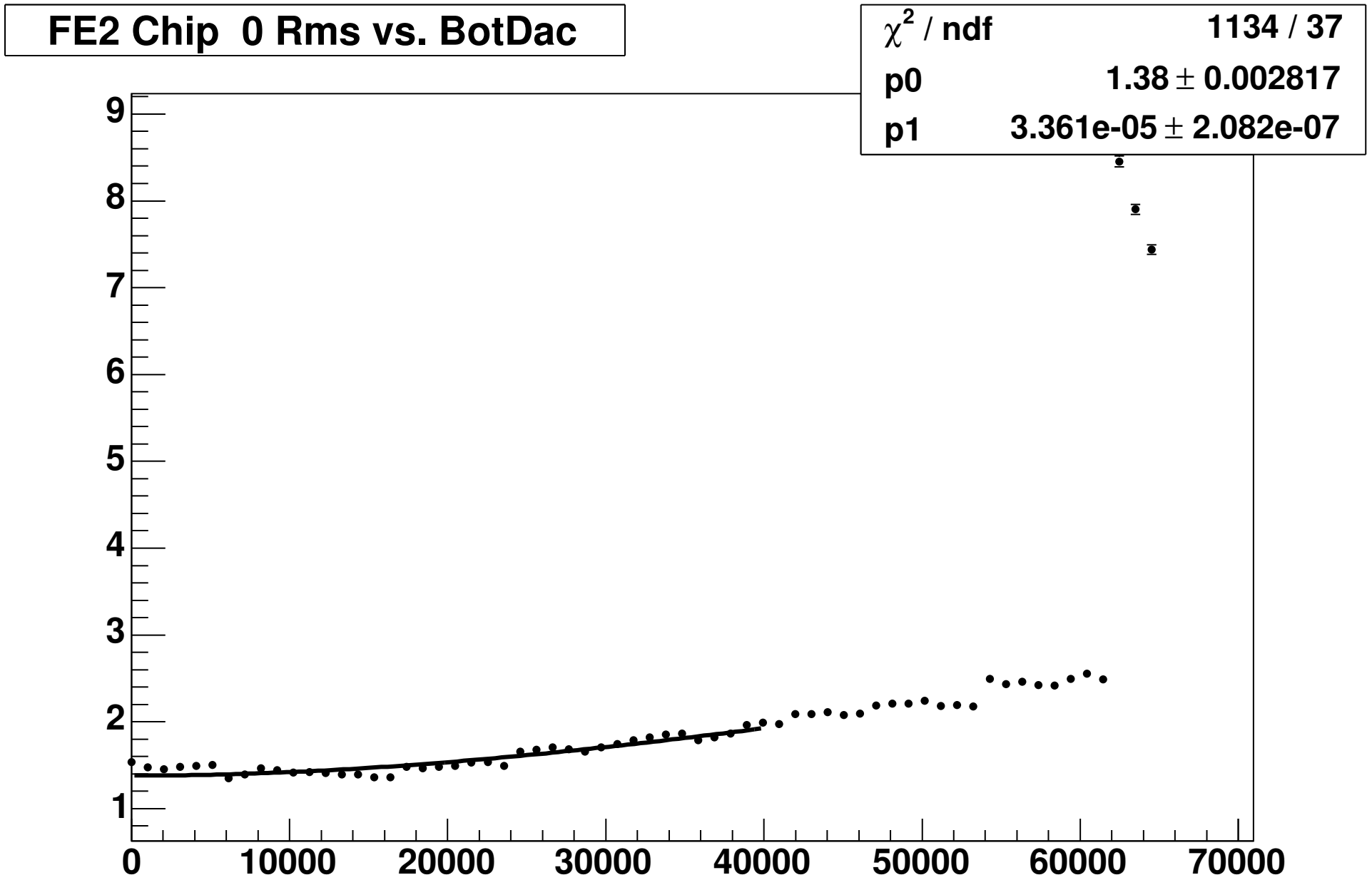
FE2 Chip 0 Rms vs. BotDac
χ² / ndf 1134 / 37
p0 1.38 ± 0.002817
p1 3.361e-05 ± 2.082e-07
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4
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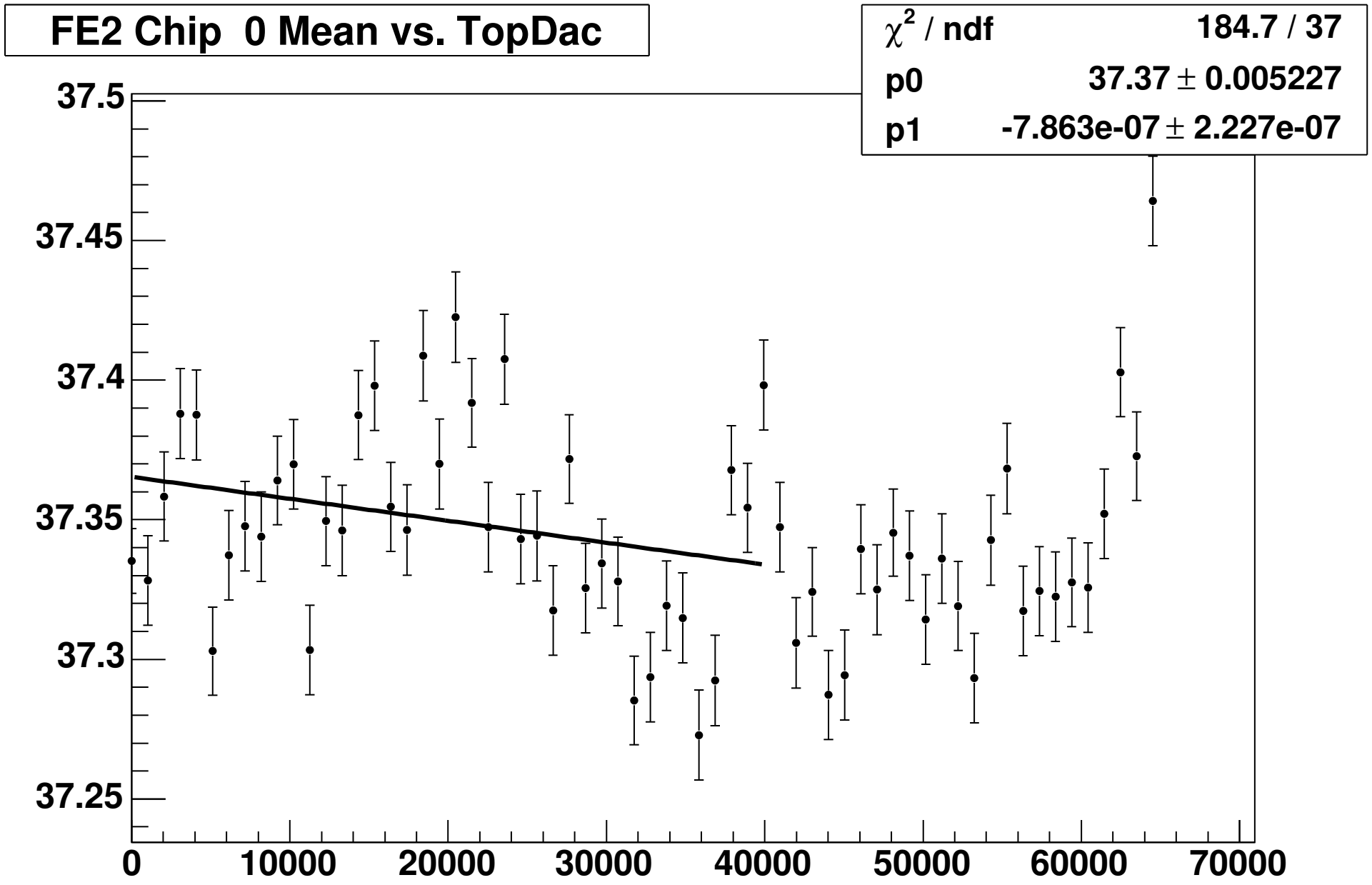
FE2 Chip 0 Mean vs. TopDac
χ² / ndf 184.7 / 37
p0 37.37 ± 0.005227
p1 -7.863e-07 ± 2.227e-07
37.5
37.45
37.4
37.35
37.3
37.25
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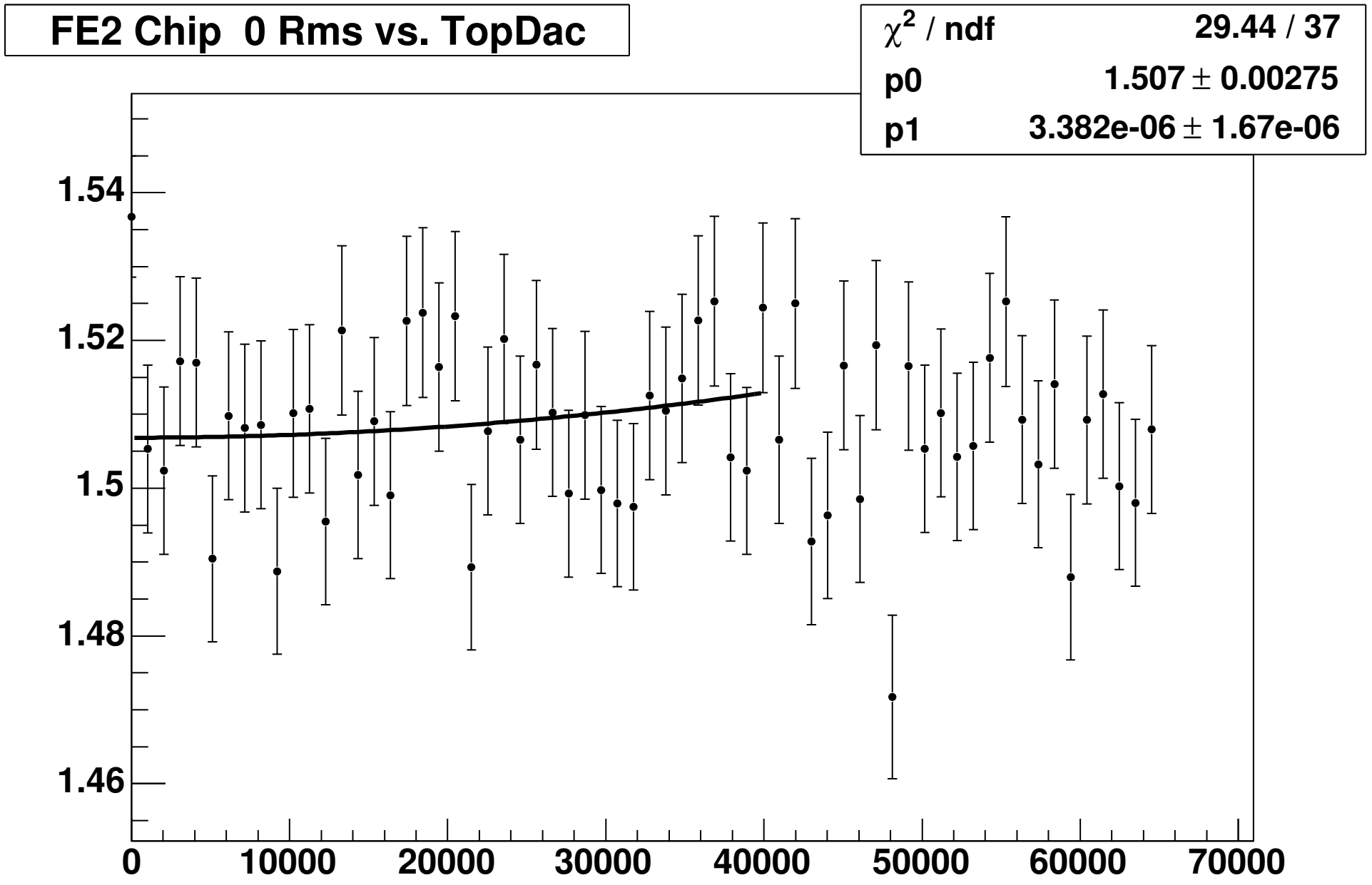
FE2 Chip 0 Rms vs. TopDac
χ² / ndf 29.44 / 37
p0 1.507 ± 0.00275
p1 3.382e-06 ± 1.67e-06
1.54
1.52
1.5
1.48
1.46
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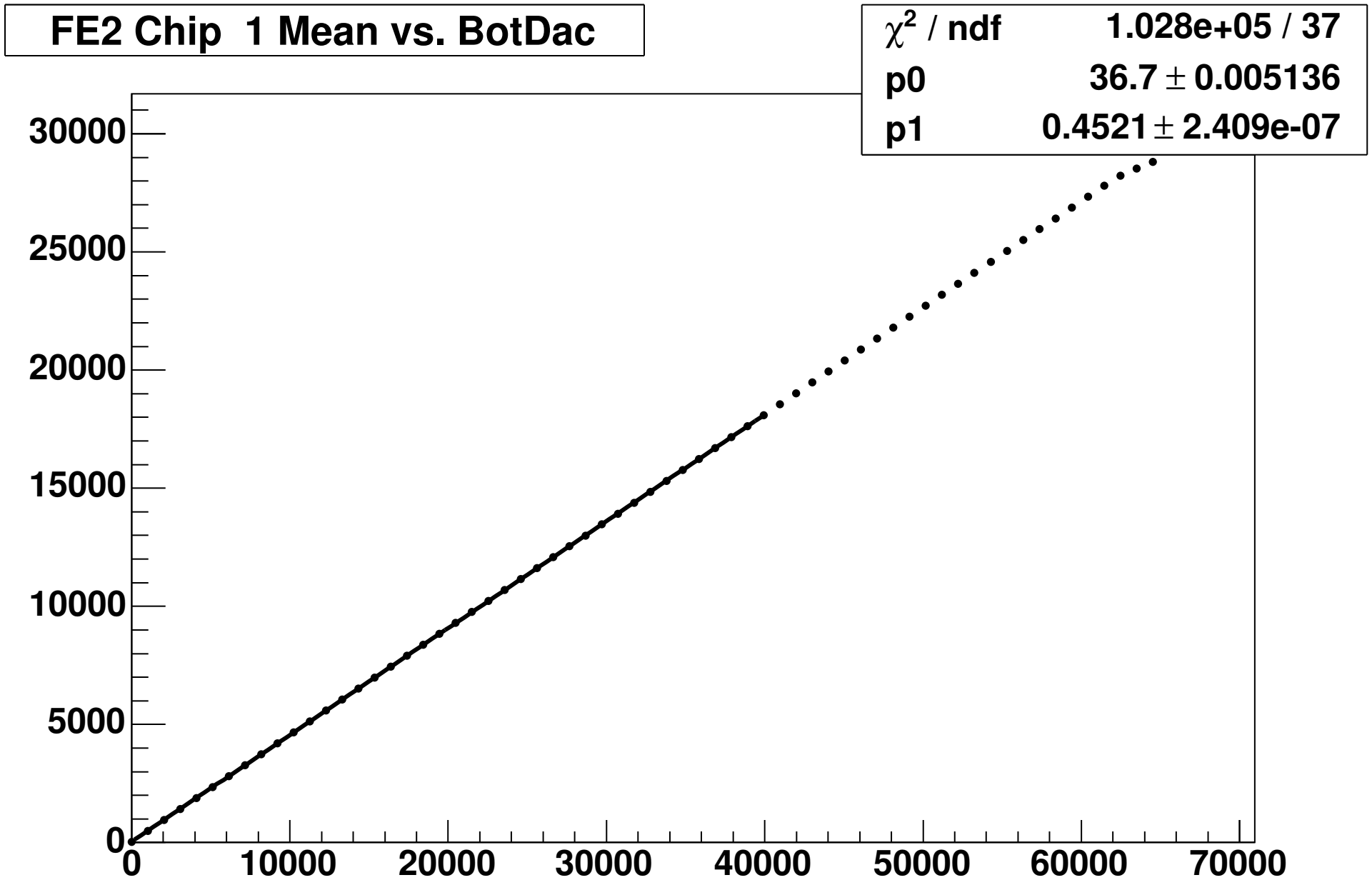
FE2 Chip 1 Mean vs. BotDac
χ² / ndf 1.028e+05 / 37
p0 36.7 ± 0.005136
p1 0.4521 ± 2.409e-07
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5000
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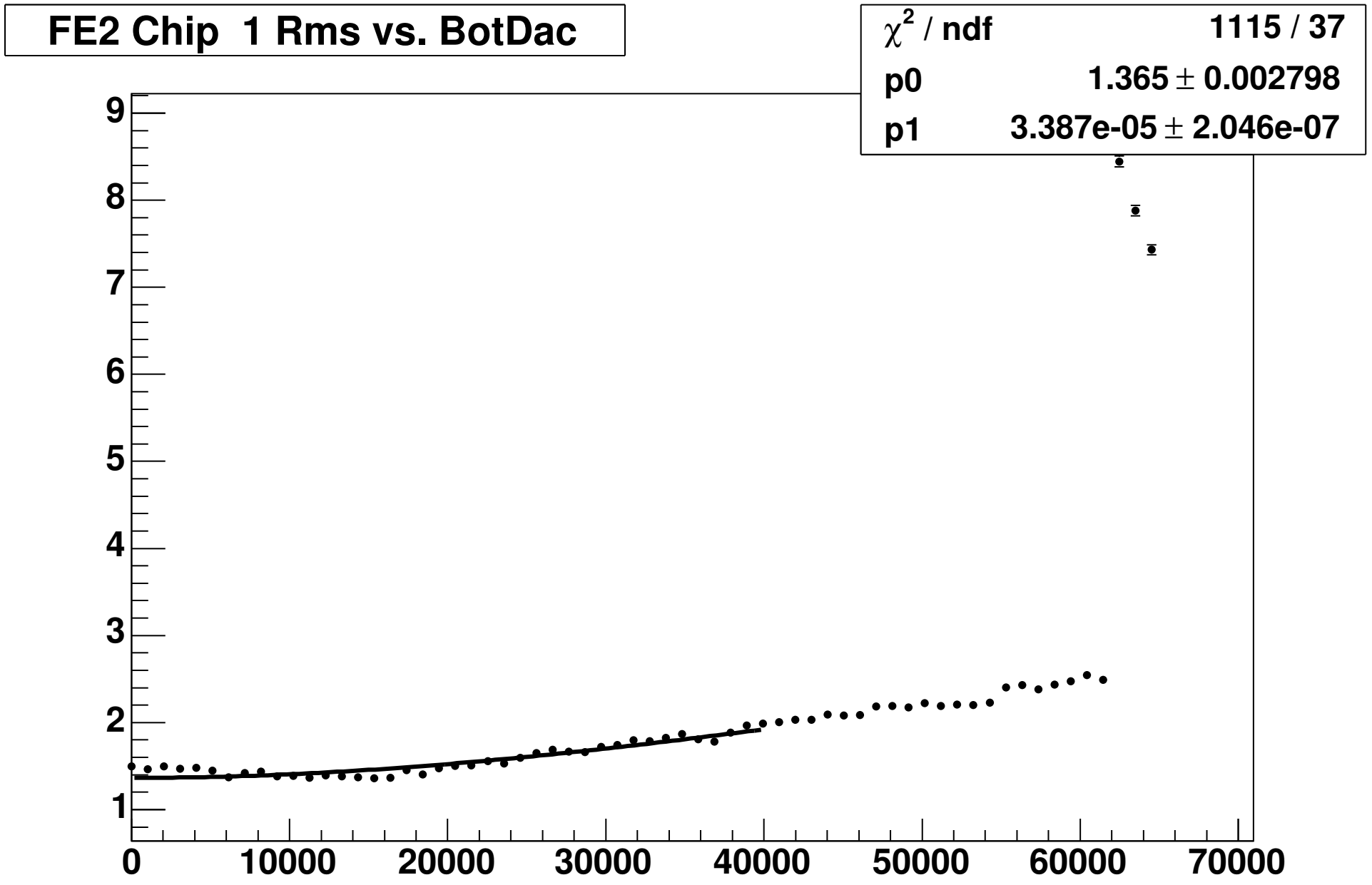
FE2 Chip 1 Rms vs. BotDac
χ² / ndf 1115 / 37
p0 1.365 ± 0.002798
p1 3.387e-05 ± 2.046e-07
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8
7
6
5
4
3
2
1
0
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20000
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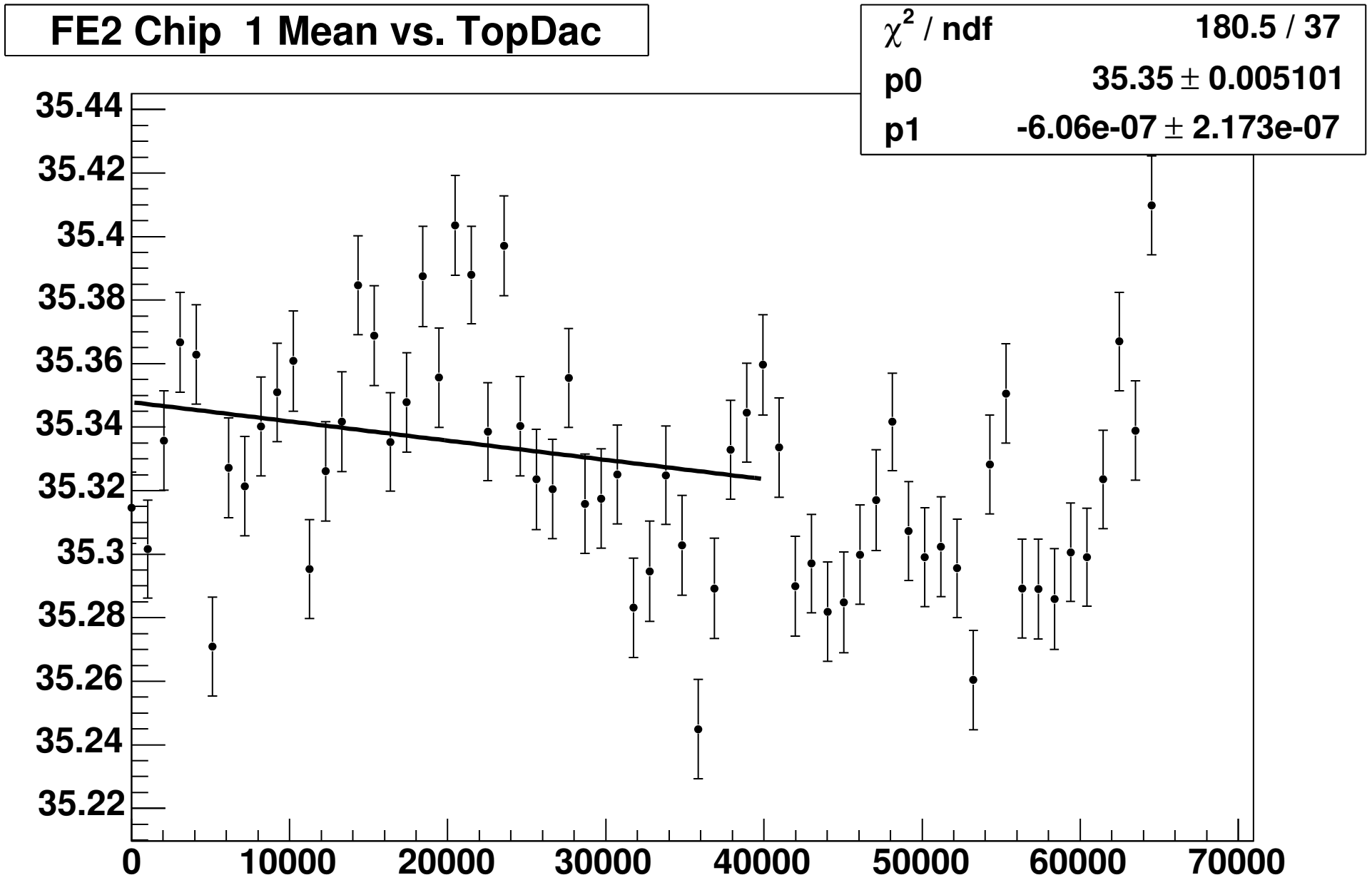
FE2 Chip 1 Mean vs. TopDac
χ² / ndf 180.5 / 37
p0 35.35 ± 0.005101
p1 -6.06e-07 ± 2.173e-07
35.44
35.42
35.4
35.38
35.36
35.34
35.32
35.3
35.28
35.26
35.24
35.22
0
10000
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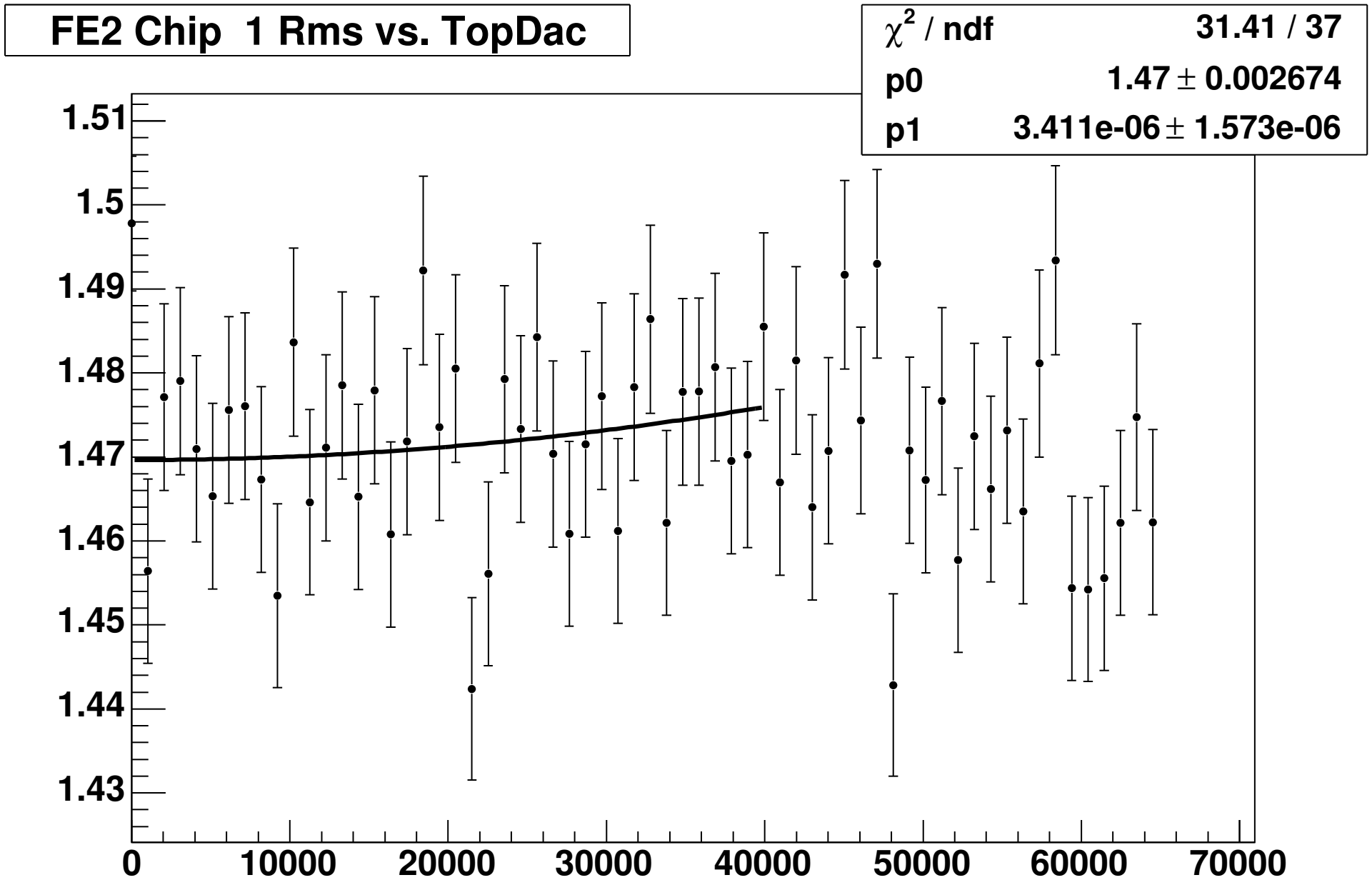
FE2 Chip 1 Rms vs. TopDac
χ² / ndf 31.41 / 37
p0 1.47 ± 0.002674
p1 3.411e-06 ± 1.573e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
10000
20000
30000
40000
50000
60000
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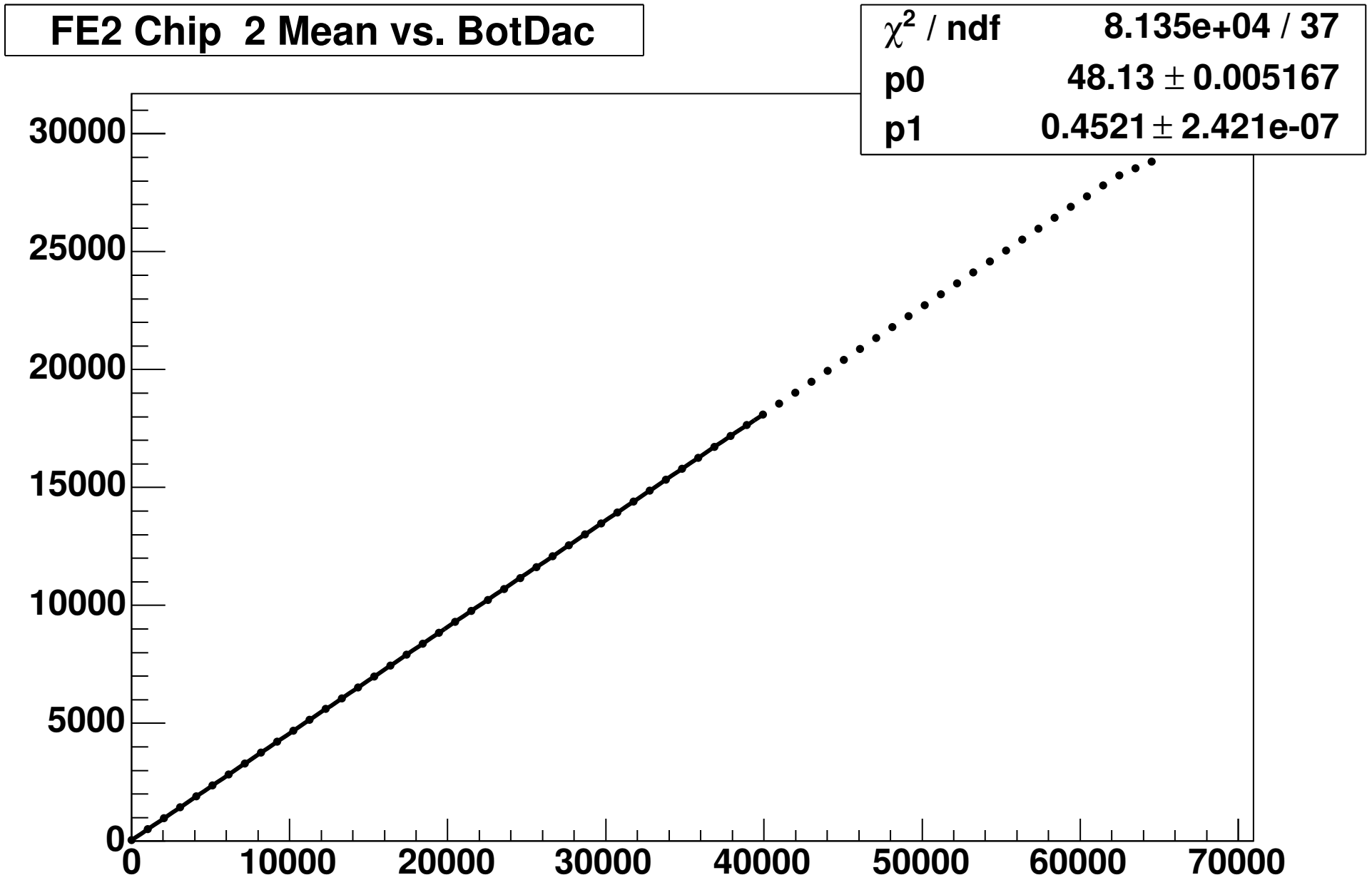
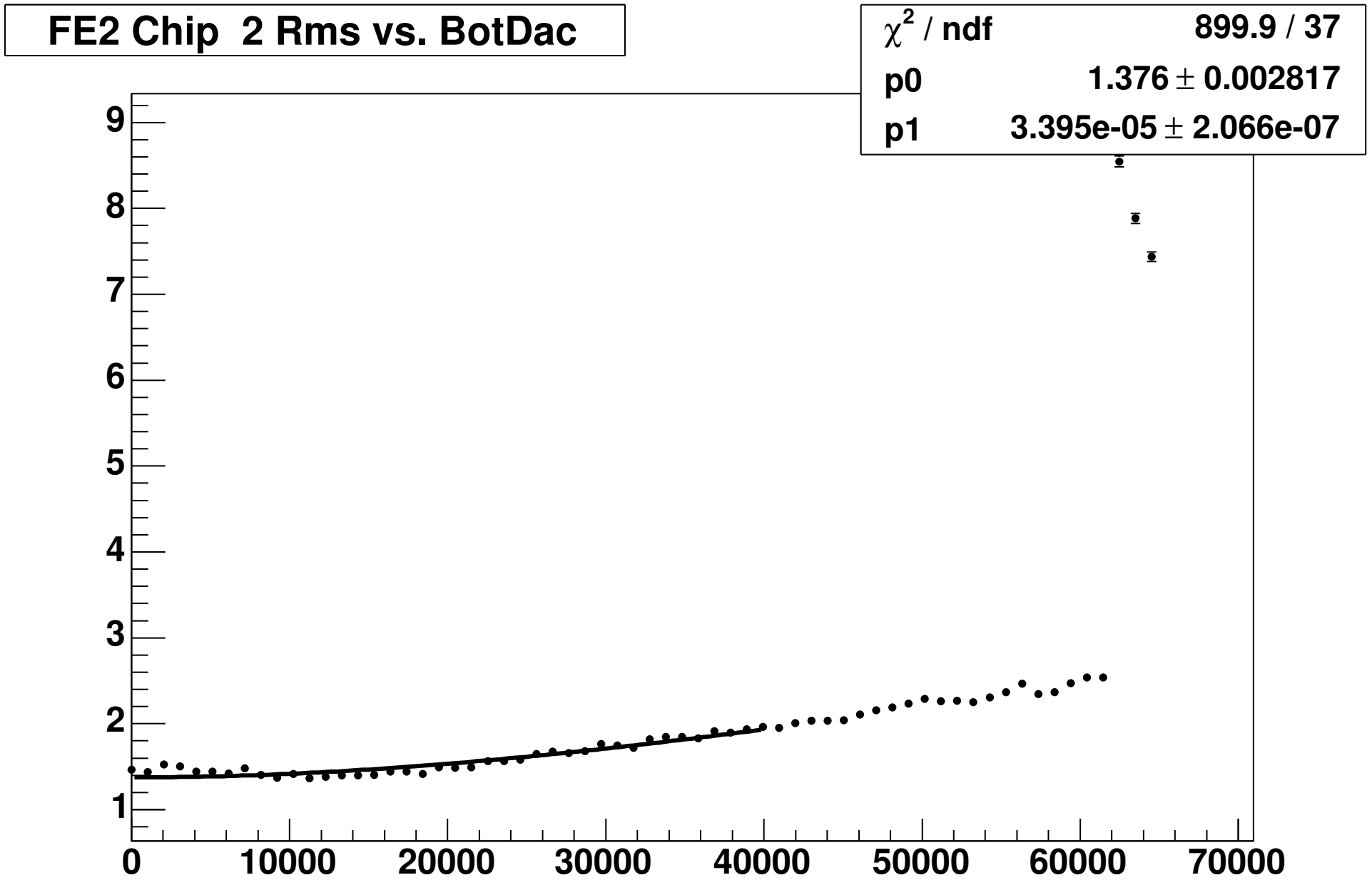

FE2 Chip 2 Mean vs. BotDac
χ² / ndf 8.135e+04 / 37
p0 48.13 ± 0.005167
p1 0.4521 ± 2.421e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 2 Rms vs. BotDac
χ² / ndf 899.9 / 37
p0 1.376 ± 0.002817
p1 3.395e-05 ± 2.066e-07
9
8
7
6
5
4
3
2
1
0
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20000
30000
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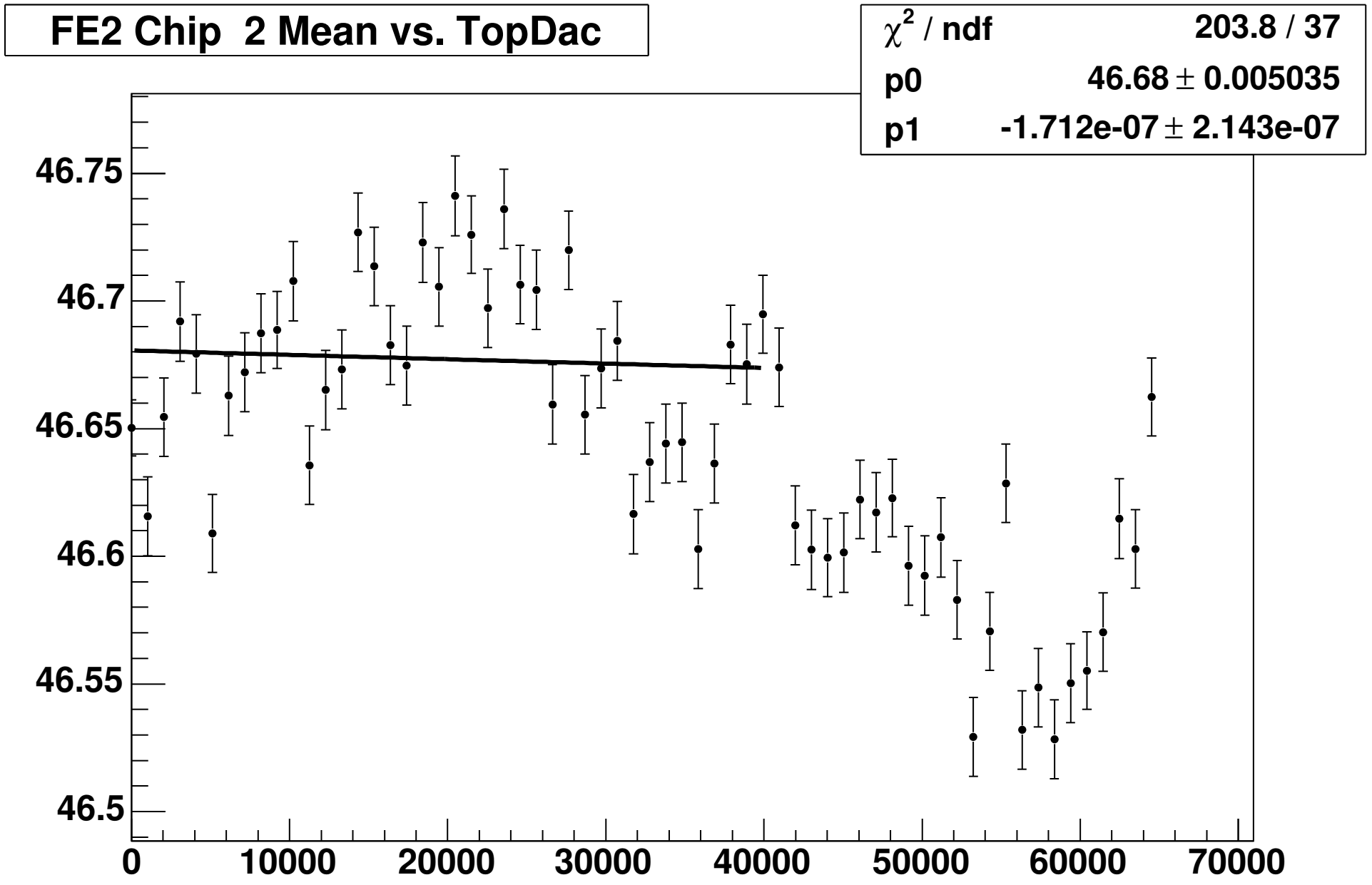
50000
60000
70000


FE2 Chip 2 Mean vs. TopDac
χ² / ndf 203.8 / 37
p0 46.68 ± 0.005035
p1 -1.712e-07 ± 2.143e-07
46.75
46.7
46.65
46.6
46.55
46.5
0
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30000
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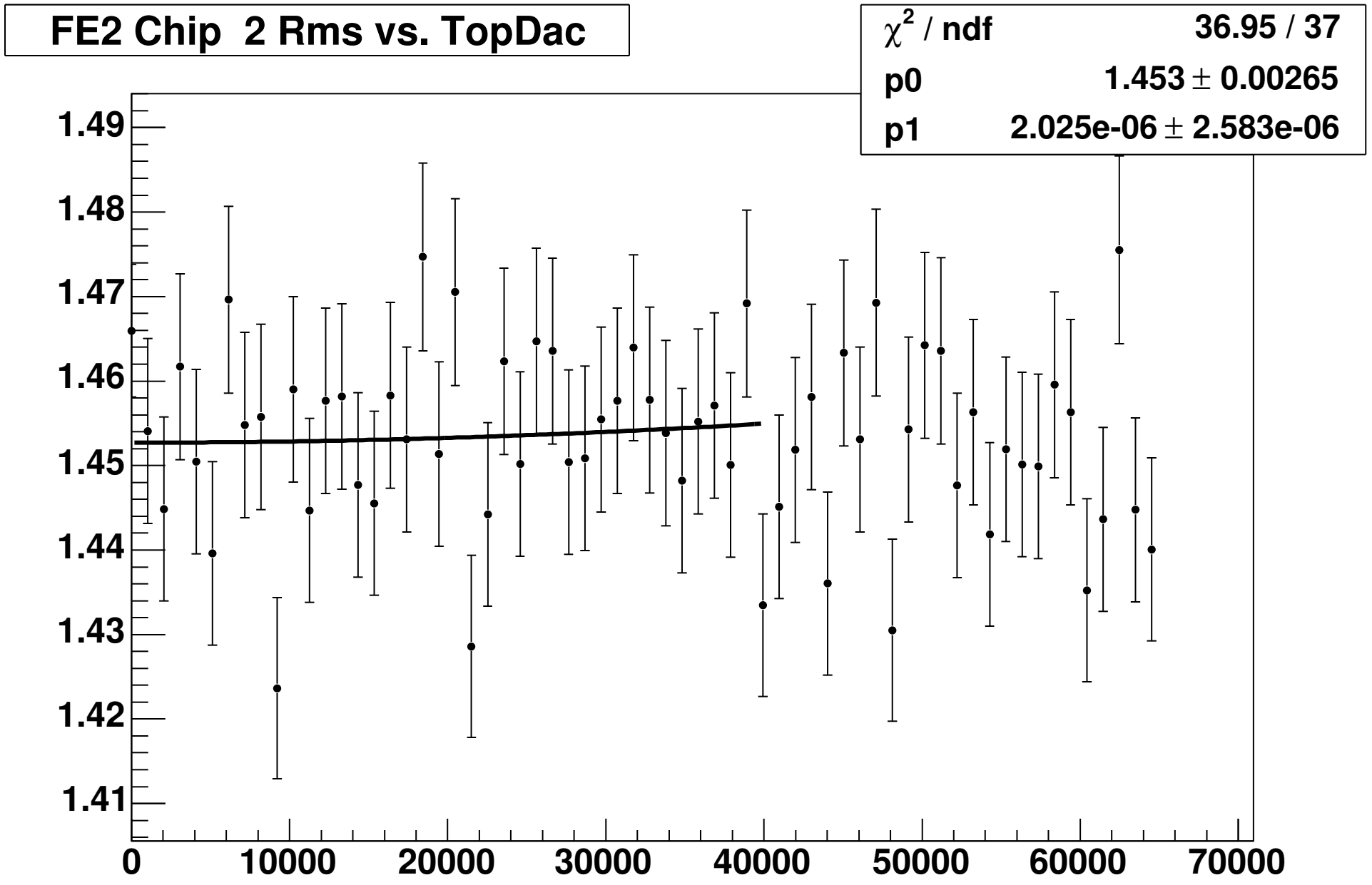
FE2 Chip 2 Rms vs. TopDac
χ² / ndf 36.95 / 37
p0 1.453 ± 0.00265
p1 2.025e-06 ± 2.583e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
20000
30000
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50000
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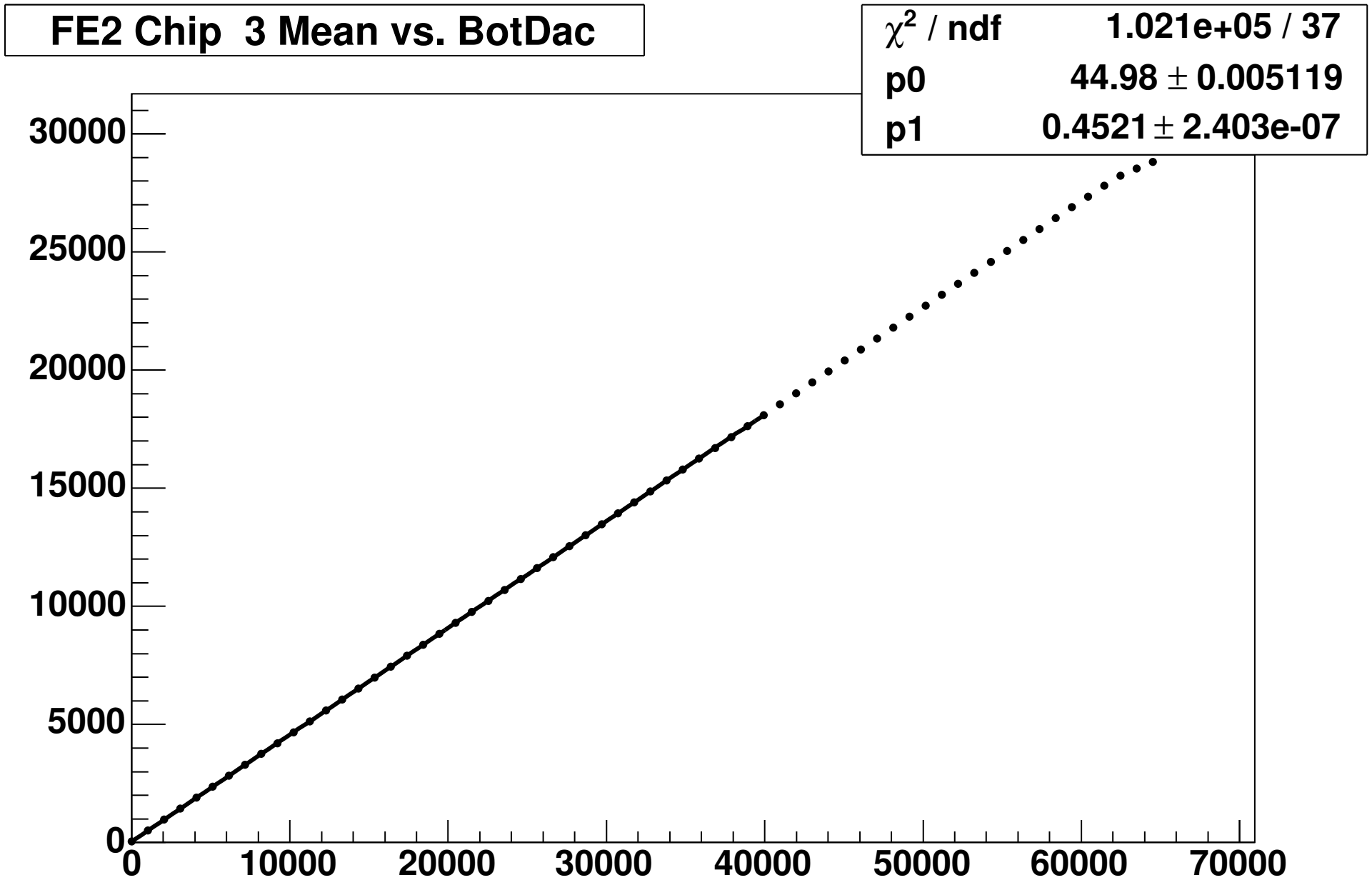
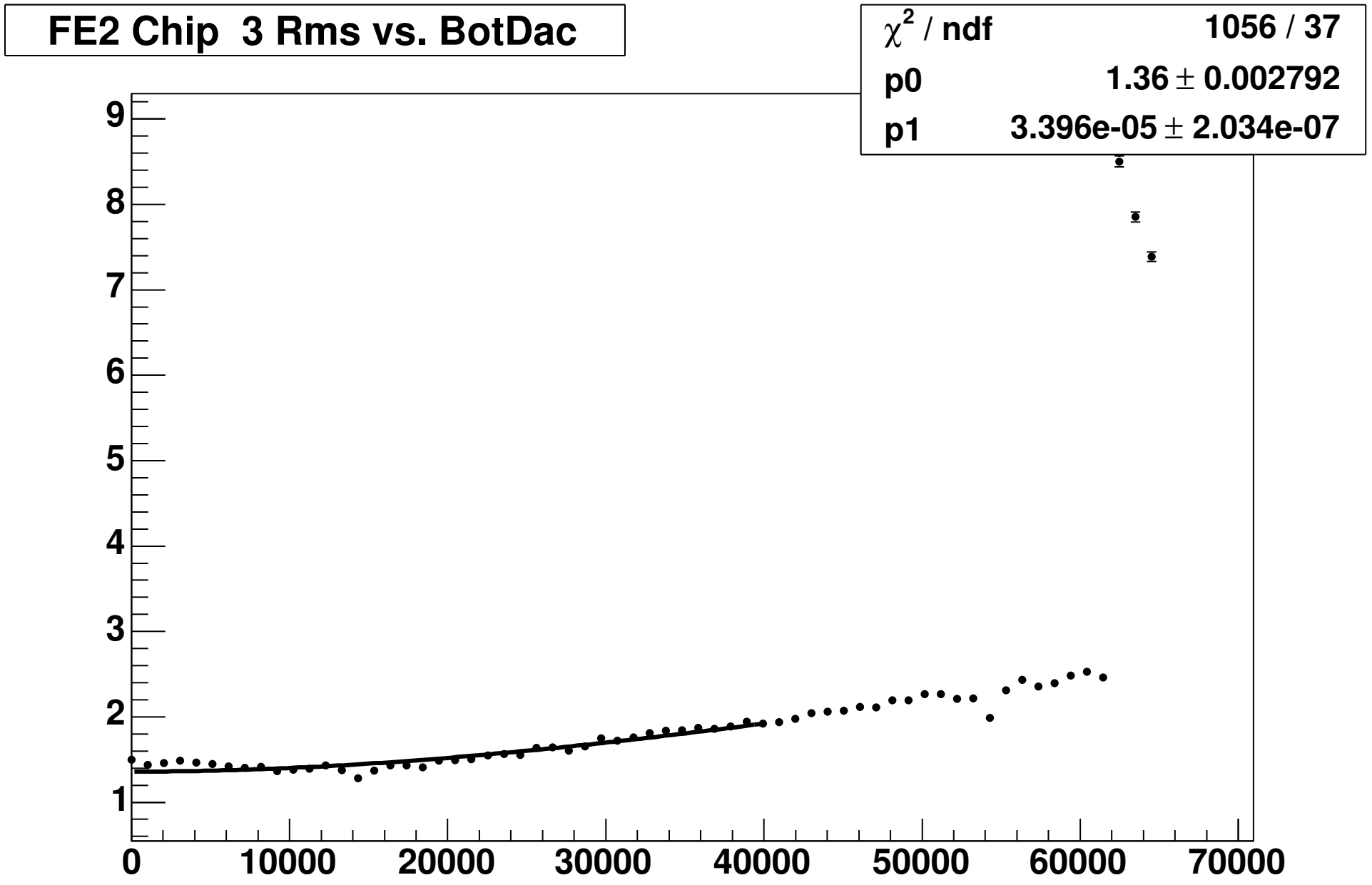

FE2 Chip 3 Mean vs. BotDac
χ² / ndf 1.021e+05 / 37
p0 44.98 ± 0.005119
p1 0.4521 ± 2.403e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 3 Rms vs. BotDac
χ² / ndf 1056 / 37
p0 1.36 ± 0.002792
p1 3.396e-05 ± 2.034e-07
9
8
7
6
5
4
3
2
1
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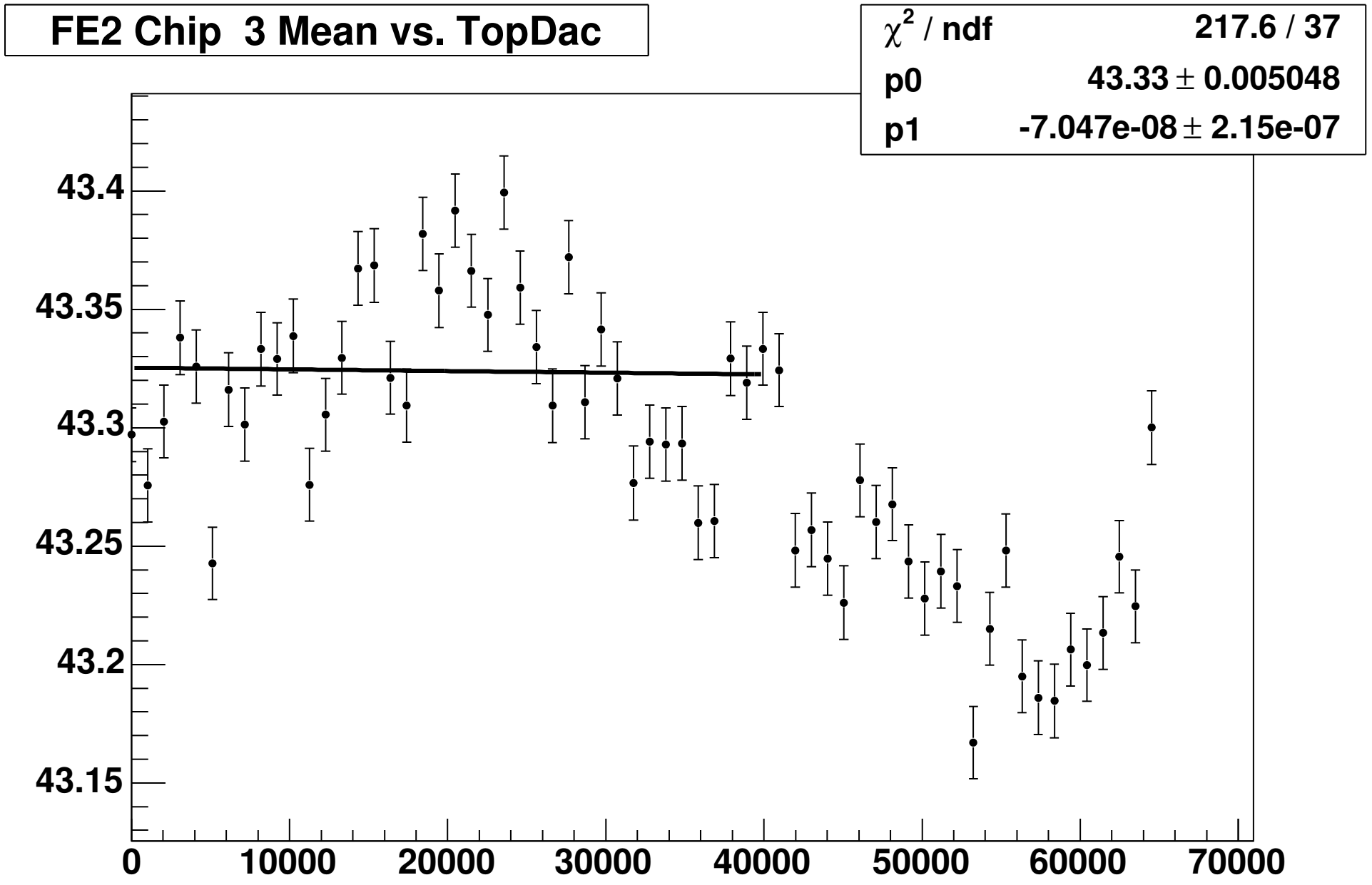
50000
60000
70000


FE2 Chip 3 Mean vs. TopDac
χ² / ndf 217.6 / 37
p0 43.33 ± 0.005048
p1 -7.047e-08 ± 2.15e-07
43.4
43.35
43.3
43.25
43.2
43.15
0
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20000
30000
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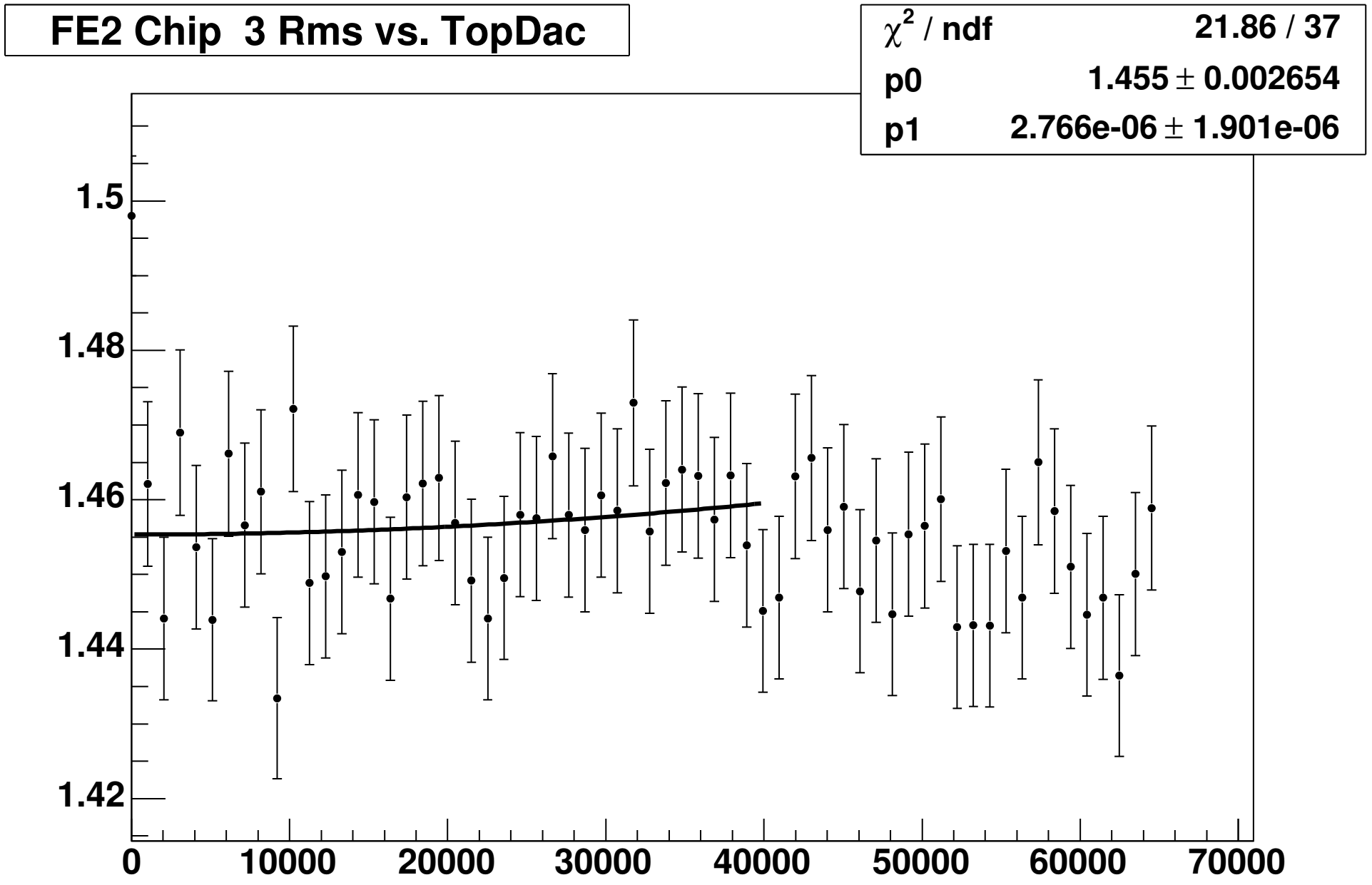
50000
60000
70000


FE2 Chip 3 Rms vs. TopDac
χ² / ndf 21.86 / 37
p0 1.455 ± 0.002654
p1 2.766e-06 ± 1.901e-06
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1.48
1.46
1.44
1.42
0
10000
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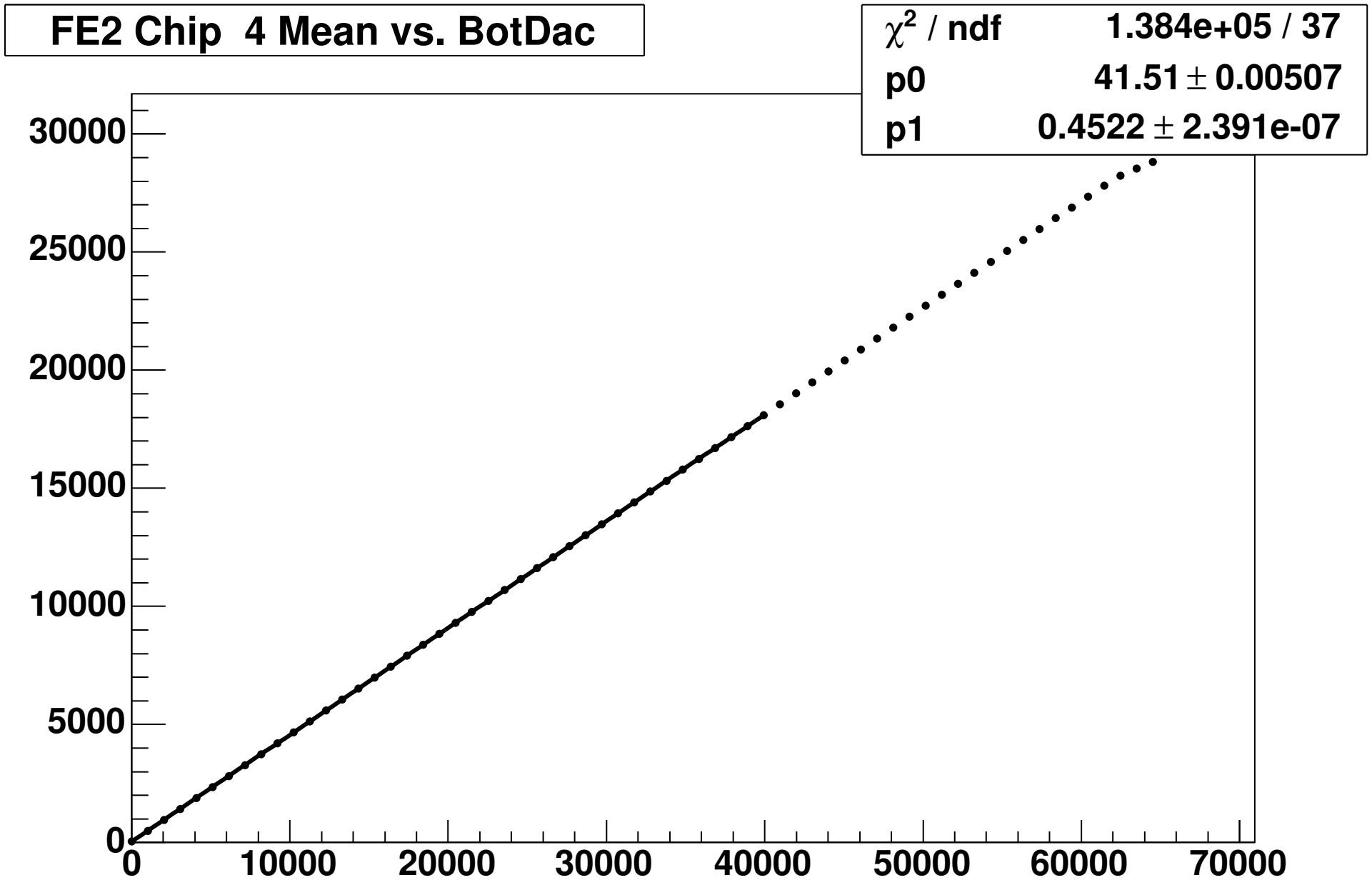
30000
40000
50000
60000
70000


FE2 Chip 4 Mean vs. BotDac
χ² / ndf 1.384e+05 / 37
p0 41.51 ± 0.00507
p1 0.4522 ± 2.391e-07
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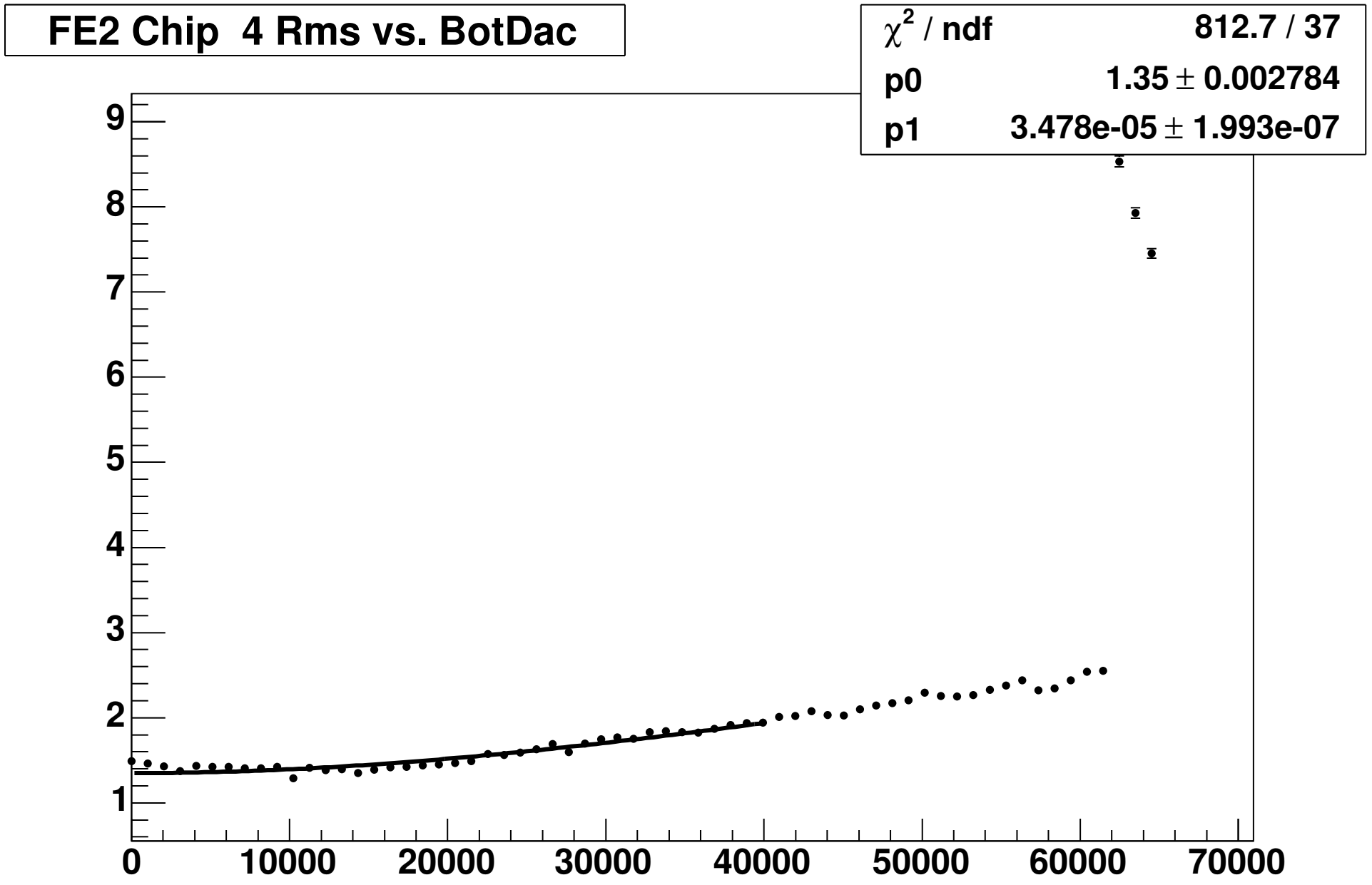
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 4 Rms vs. BotDac
χ² / ndf 812.7 / 37
p0 1.35 ± 0.002784
p1 3.478e-05 ± 1.993e-07
9
8
7
6
5
4
3
2
1
0
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60000
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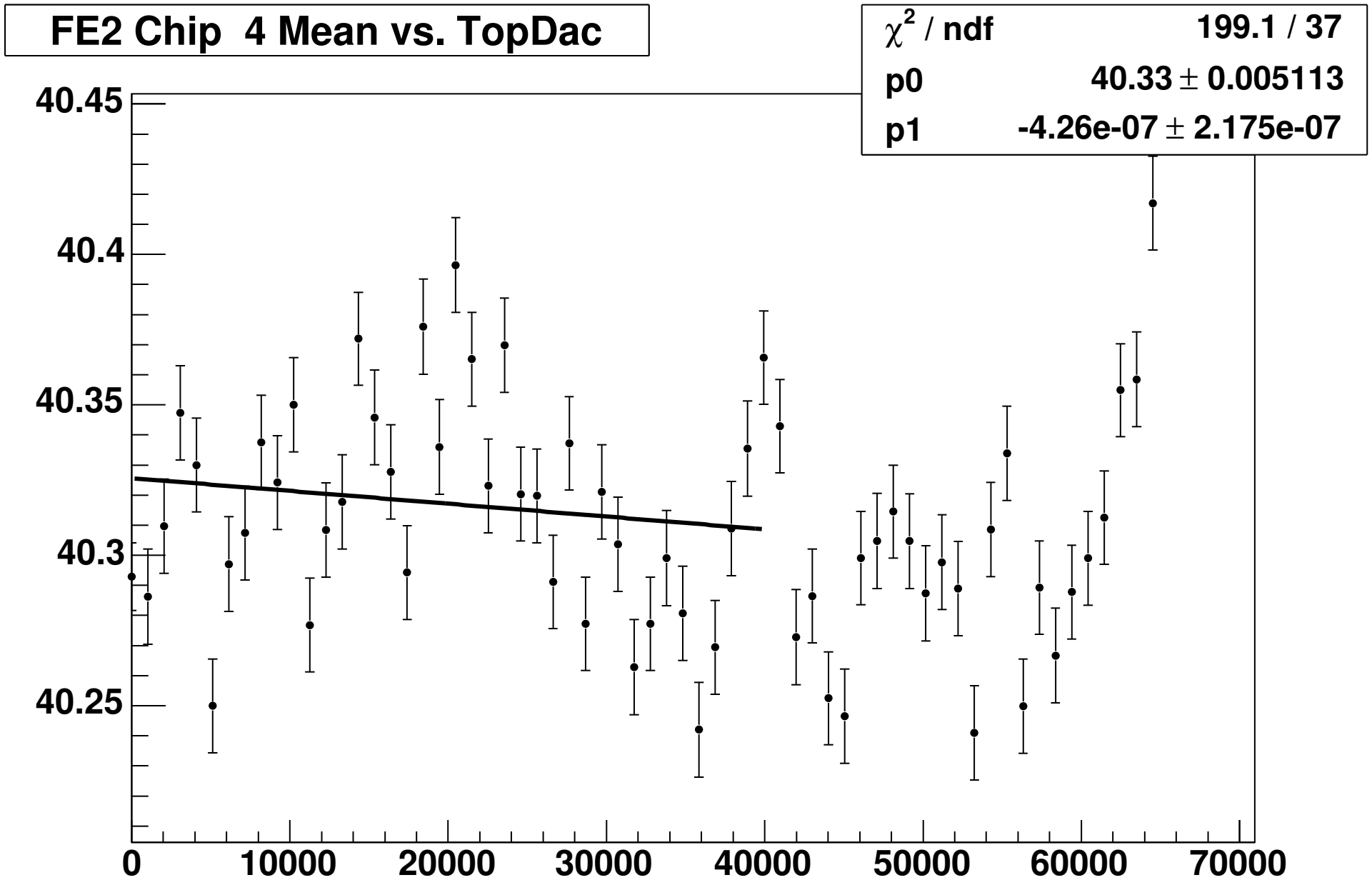
FE2 Chip 4 Mean vs. TopDac
χ² / ndf 199.1 / 37
p0 40.33 ± 0.005113
p1 -4.26e-07 ± 2.175e-07
40.45
40.4
40.35
40.3
40.25
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10000
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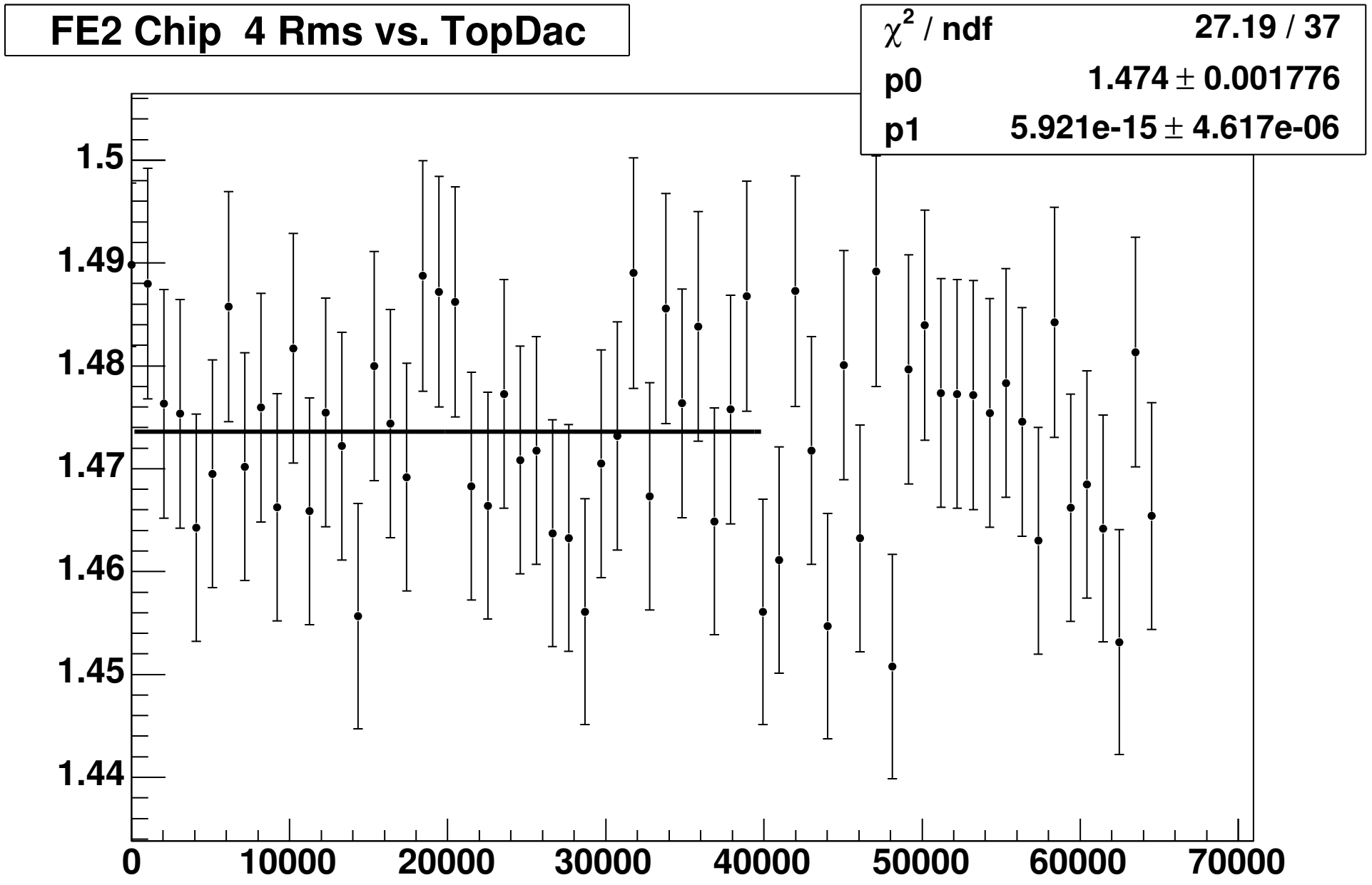
FE2 Chip 4 Rms vs. TopDac
χ² / ndf 27.19 / 37
p0 1.474 ± 0.001776
p1 5.921e-15 ± 4.617e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
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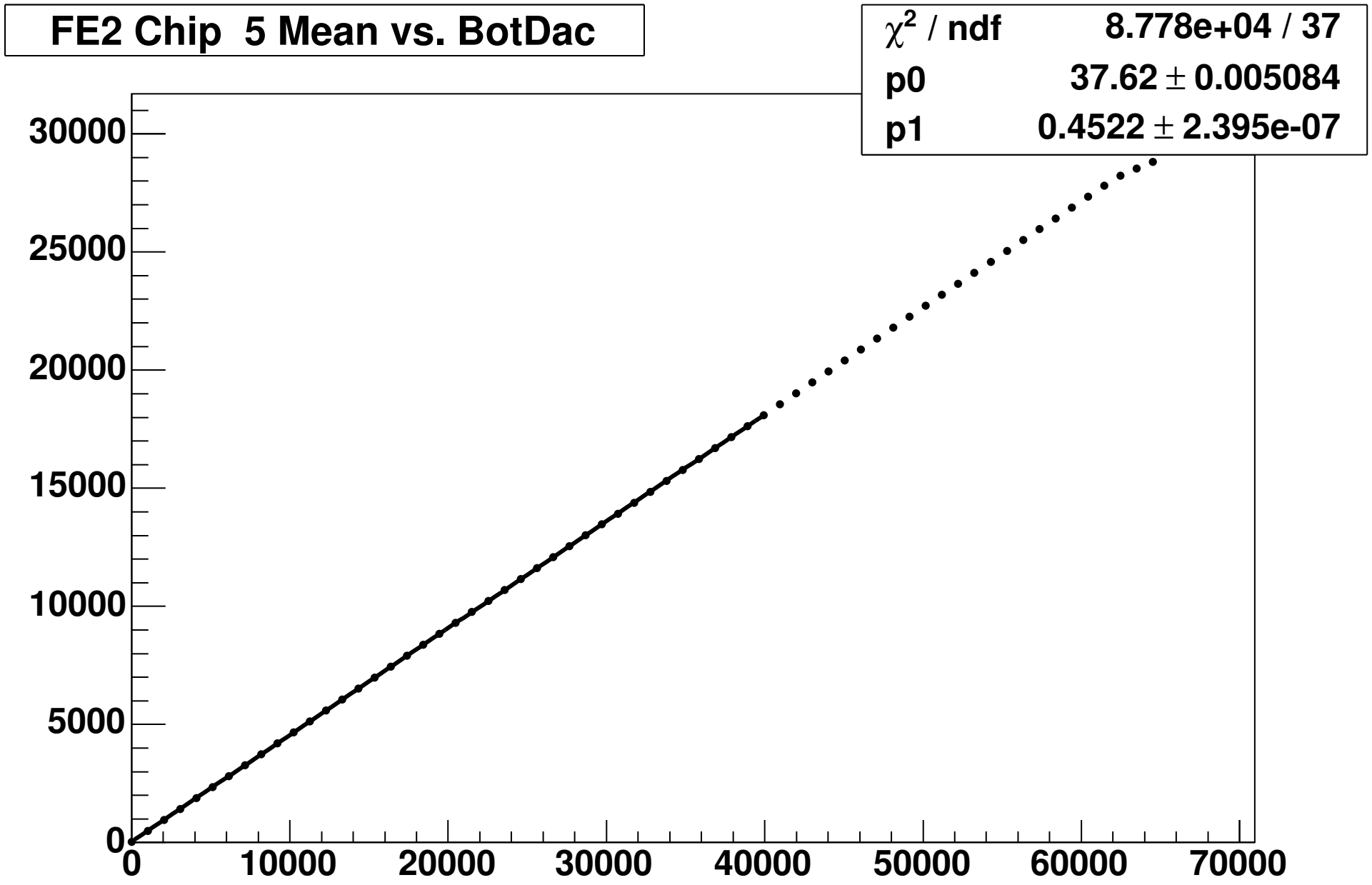
FE2 Chip 5 Mean vs. BotDac
χ² / ndf 8.778e+04 / 37
p0 37.62 ± 0.005084
p1 0.4522 ± 2.395e-07
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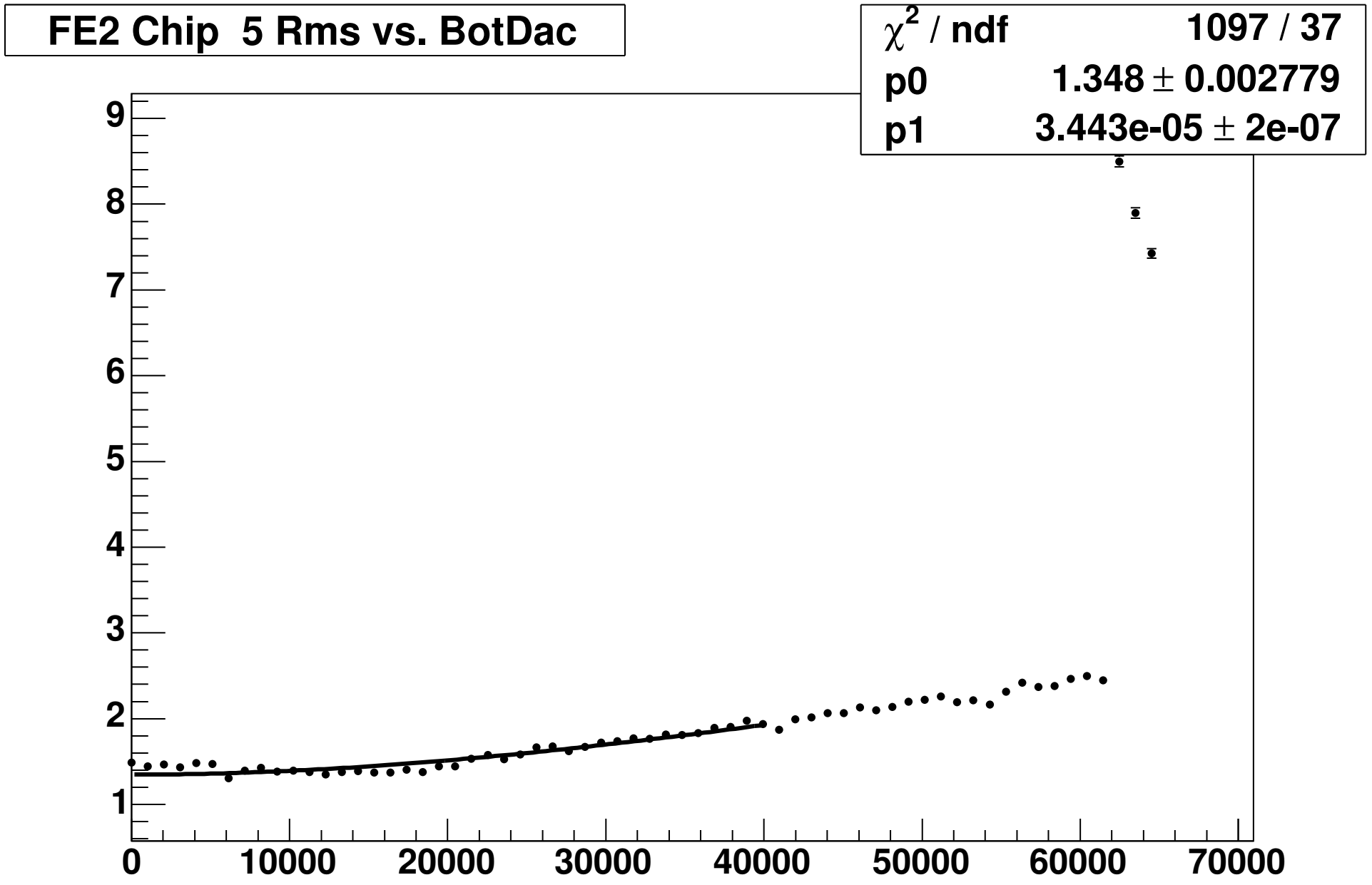
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 5 Rms vs. BotDac
χ² / ndf 1097 / 37
p0 1.348 ± 0.002779
p1 3.443e-05 ± 2e-07
9
8
7
6
5
4
3
2
1
0
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30000
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50000
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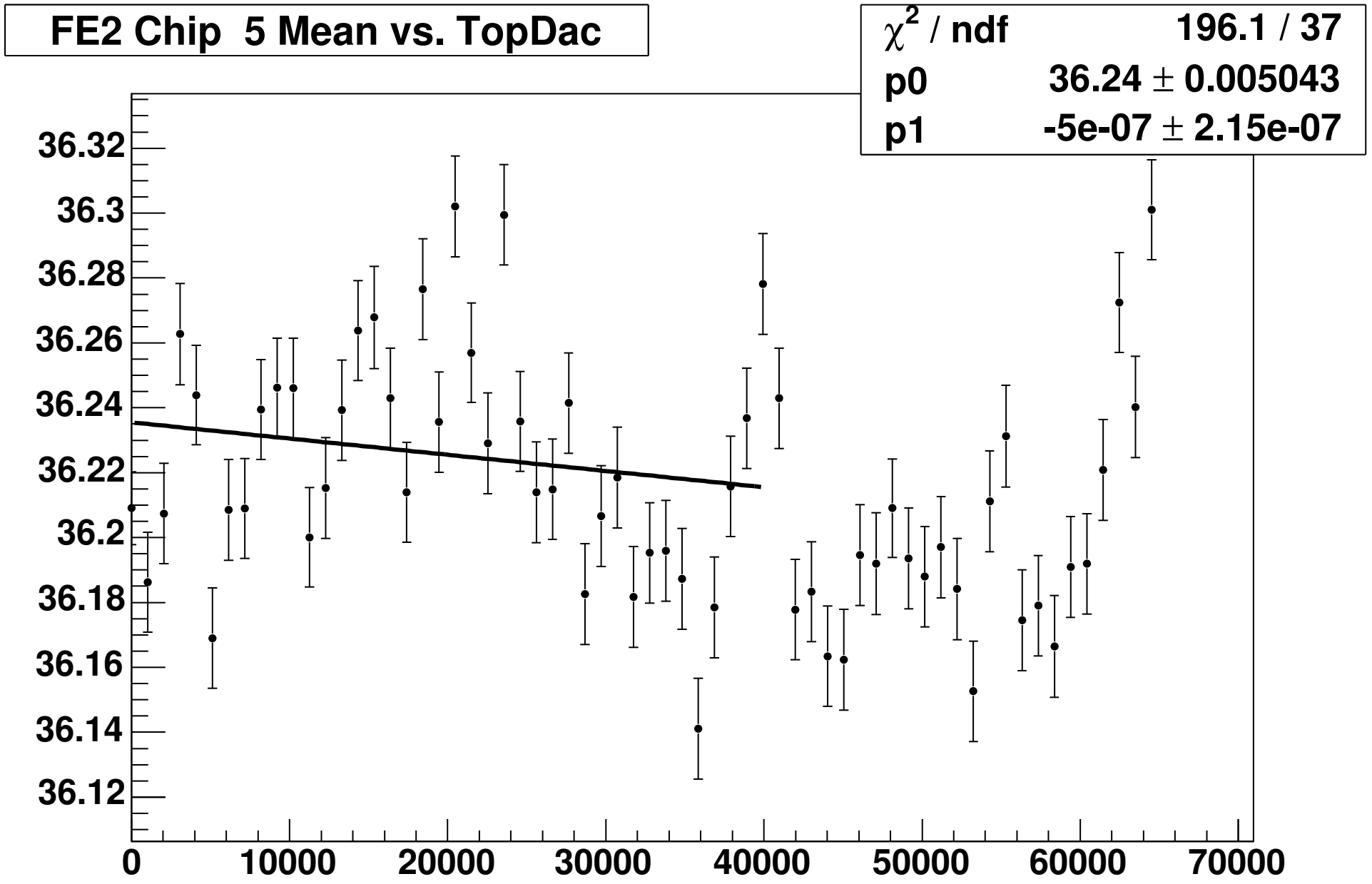
70000


FE2 Chip 5 Mean vs. TopDac
χ² / ndf 196.1 / 37
p0 36.24 ± 0.005043
p1 -5e-07 ± 2.15e-07
36.32
36.3
36.28
36.26
36.24
36.22
36.2
36.18
36.16
36.14
36.12
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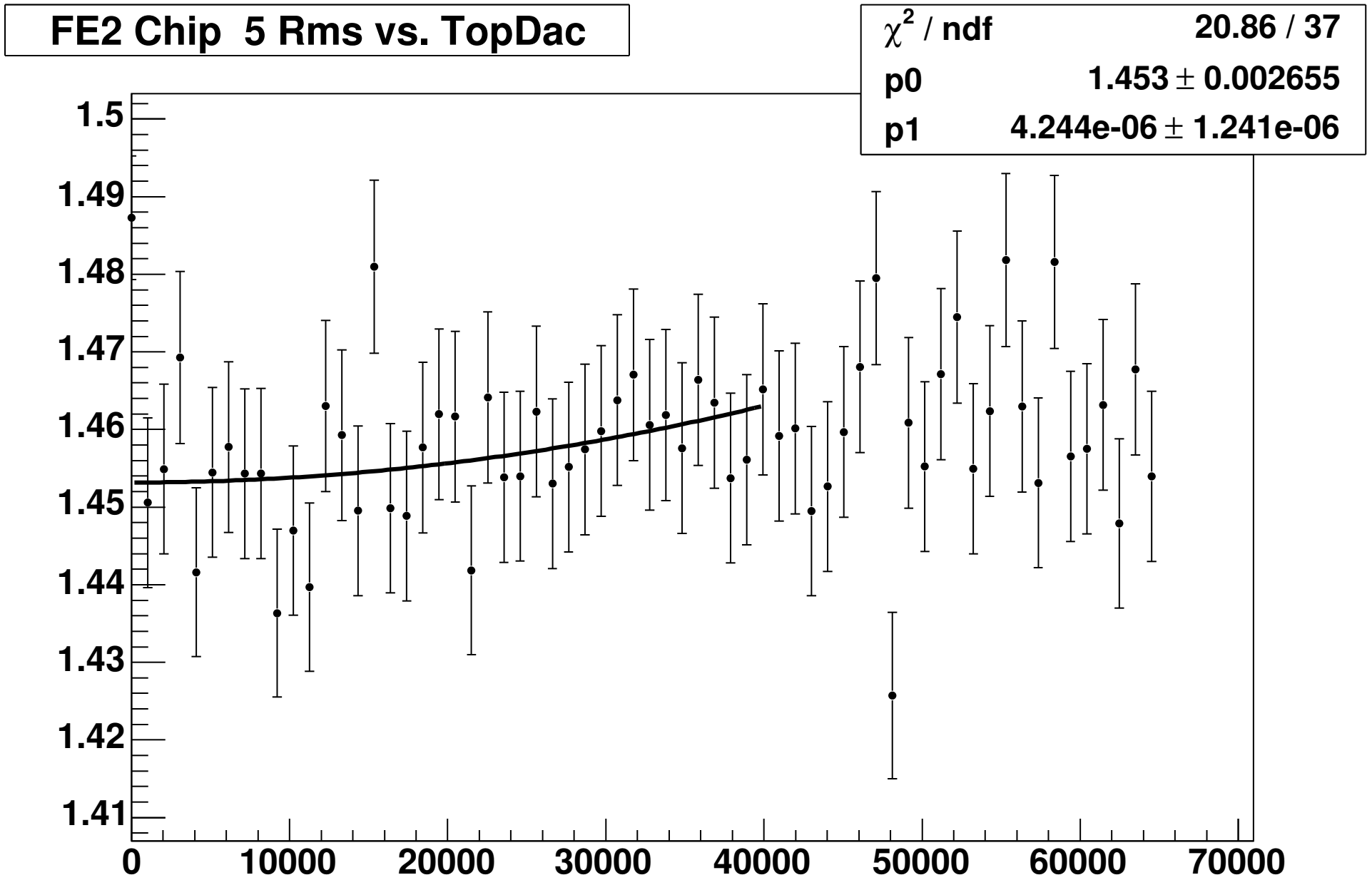
FE2 Chip 5 Rms vs. TopDac
χ² / ndf 20.86 / 37
p0 1.453 ± 0.002655
p1 4.244e-06 ± 1.241e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
20000
30000
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50000
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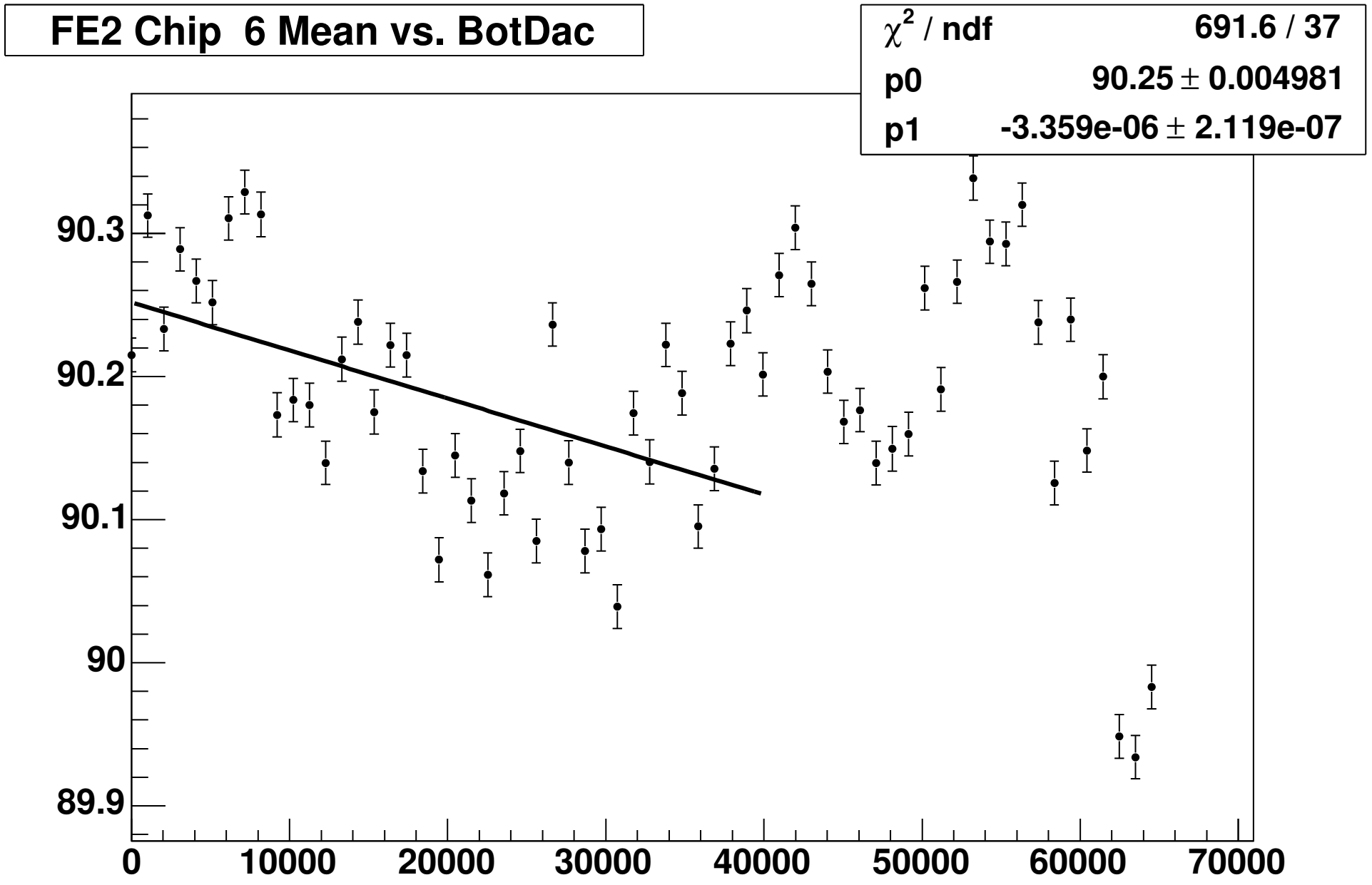
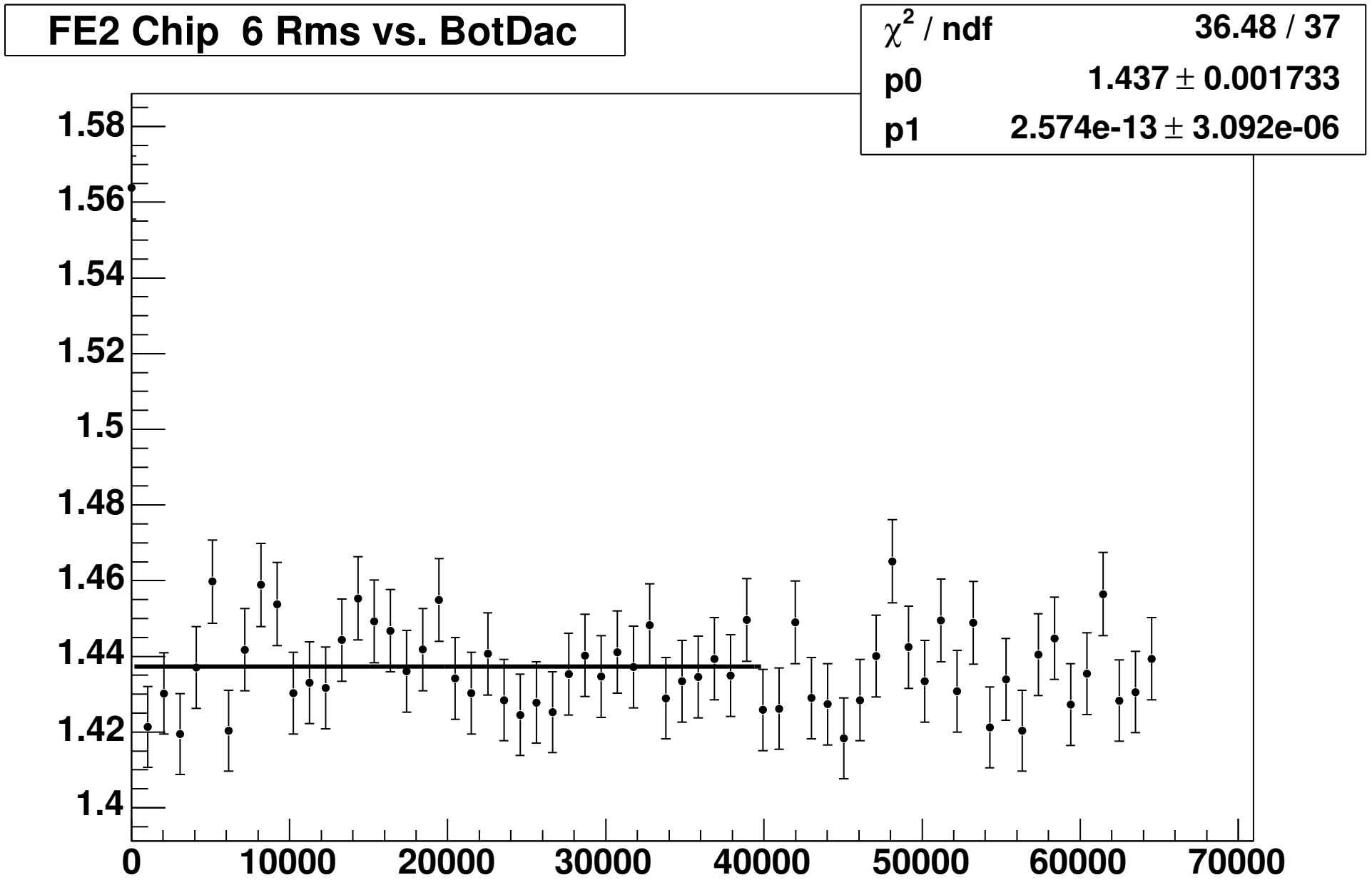

FE2 Chip 6 Mean vs. BotDac
χ² / ndf 691.6 / 37
p0 90.25 ± 0.004981
p1 -3.359e-06 ± 2.119e-07
90.3
90.2
90.1
90
89.9
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 6 Rms vs. BotDac
χ² / ndf 36.48 / 37
p0 1.437 ± 0.001733
p1 2.574e-13 ± 3.092e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
20000
30000
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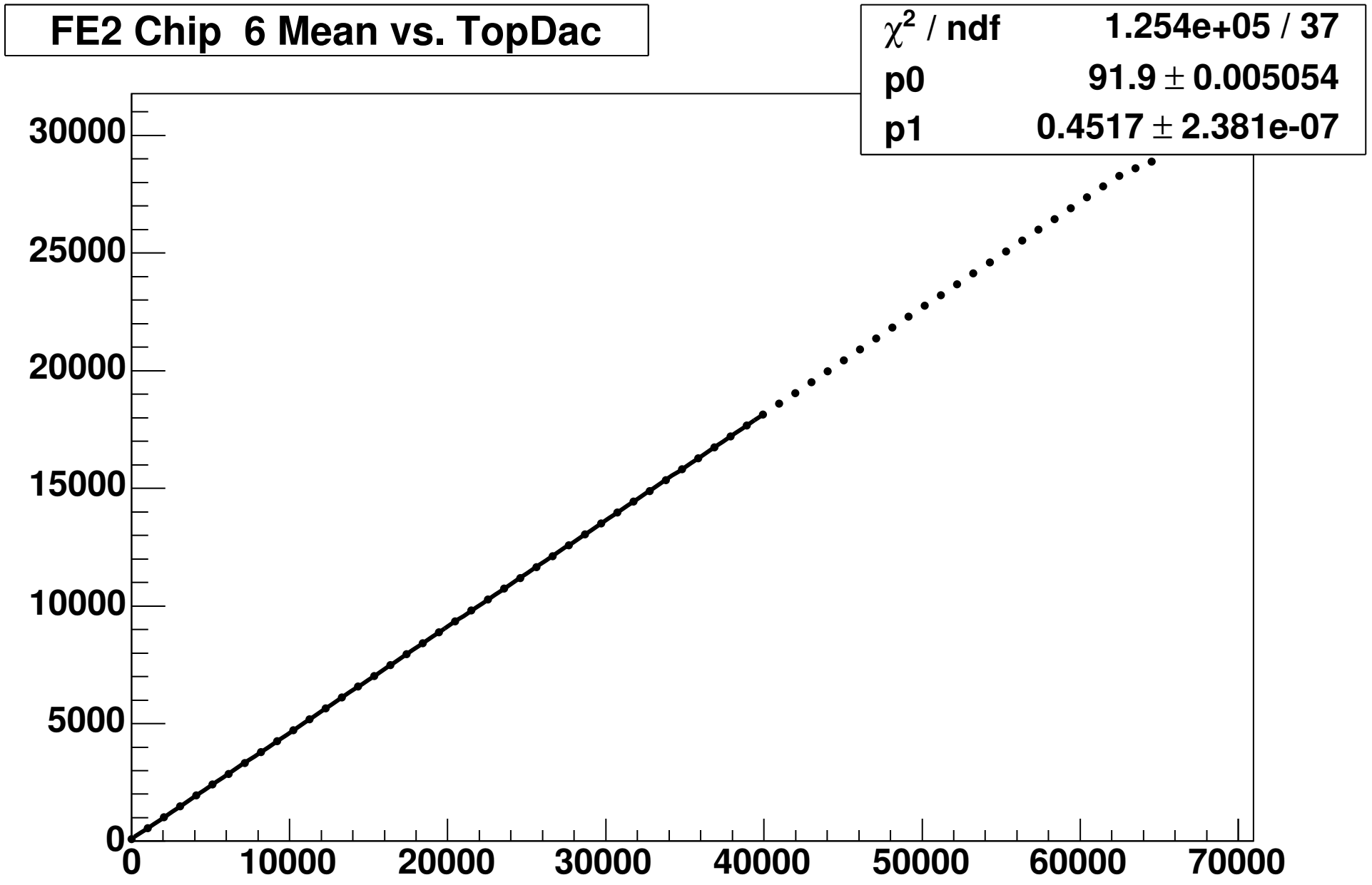
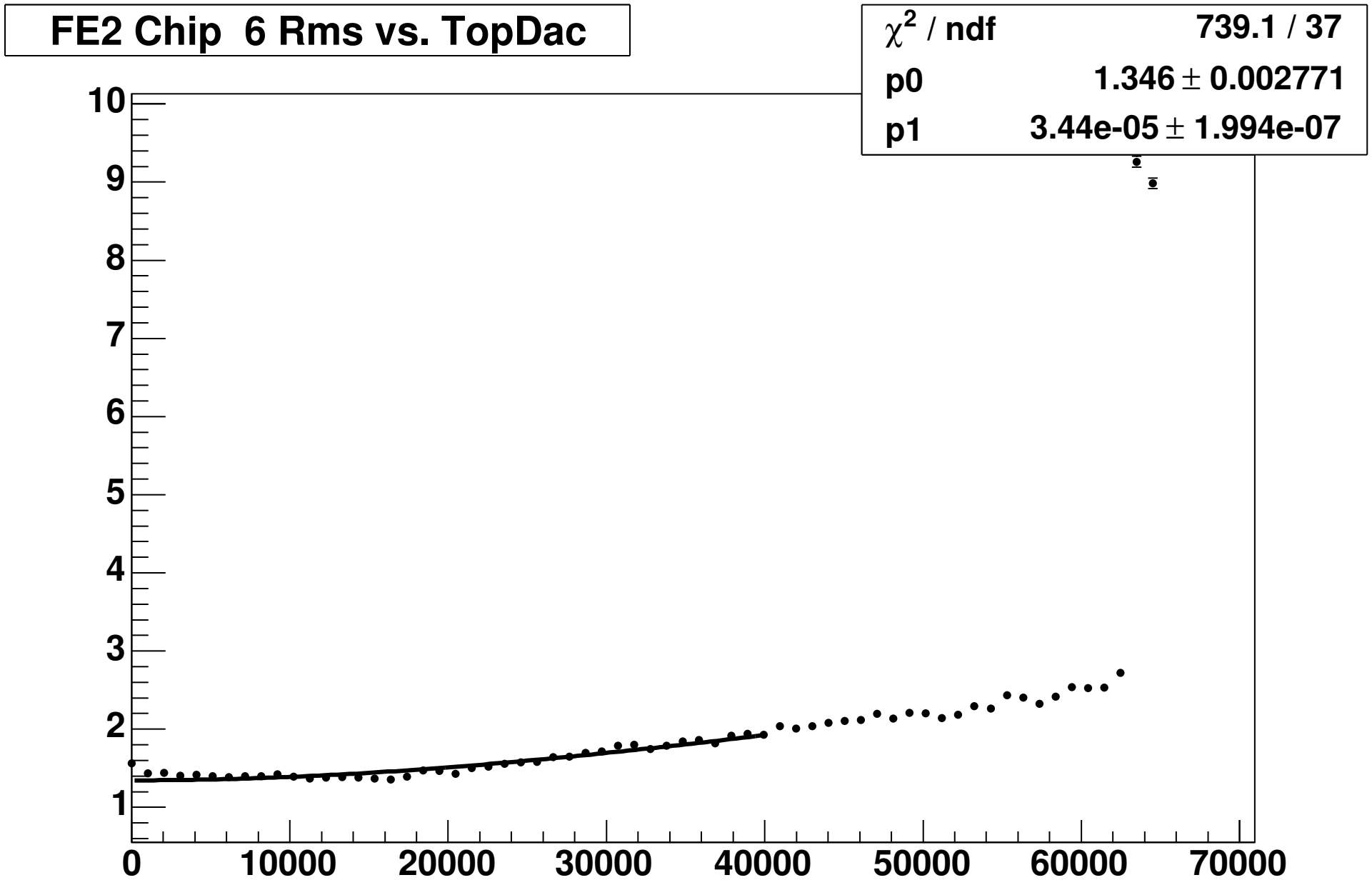
50000
60000
70000


FE2 Chip 6 Mean vs. TopDac
χ² / ndf 1.254e+05 / 37
p0 91.9 ± 0.005054
p1 0.4517 ± 2.381e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 6 Rms vs. TopDac
χ² / ndf 739.1 / 37
p0 1.346 ± 0.002771
p1 3.44e-05 ± 1.994e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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50000
60000
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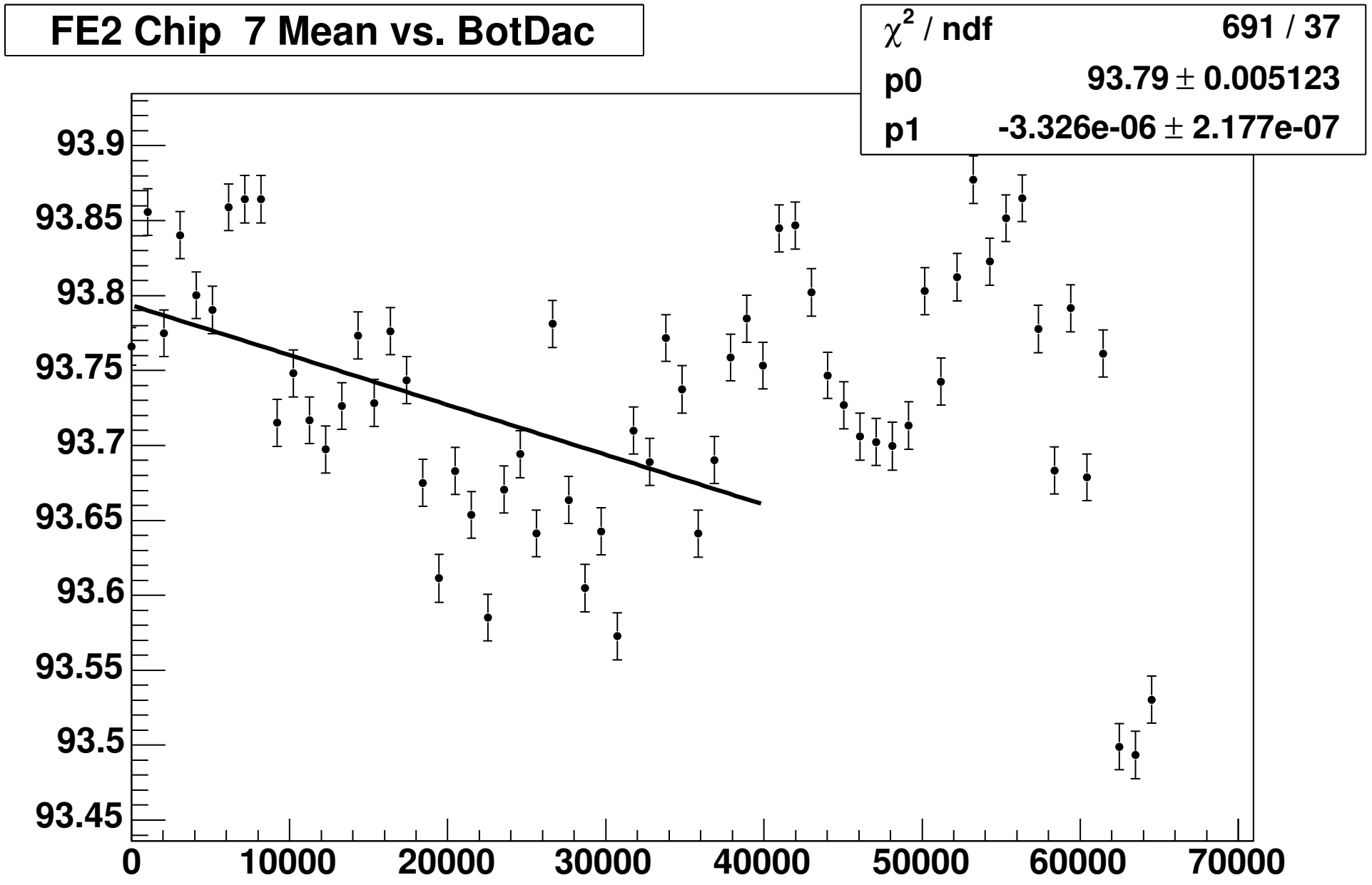
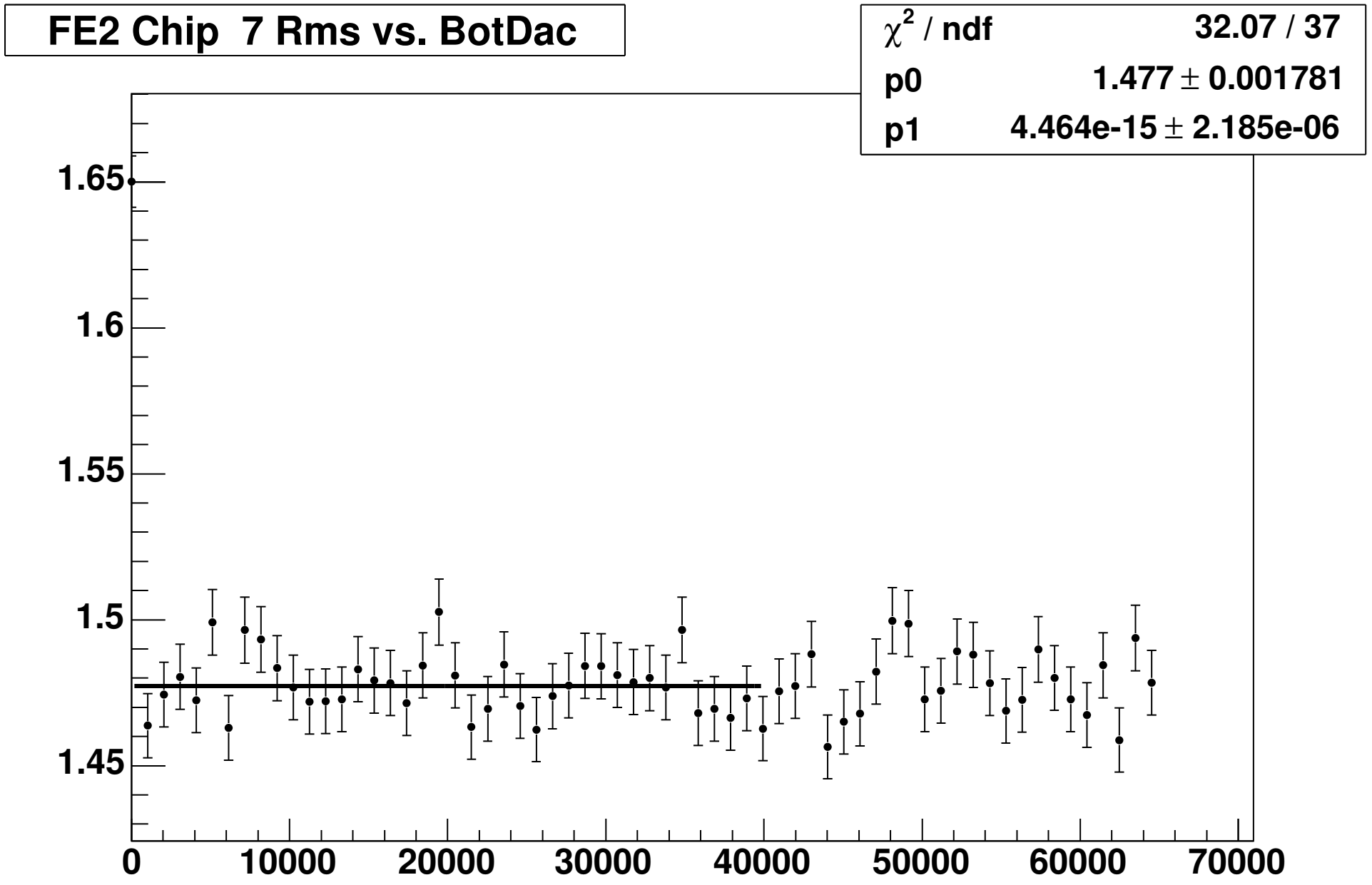
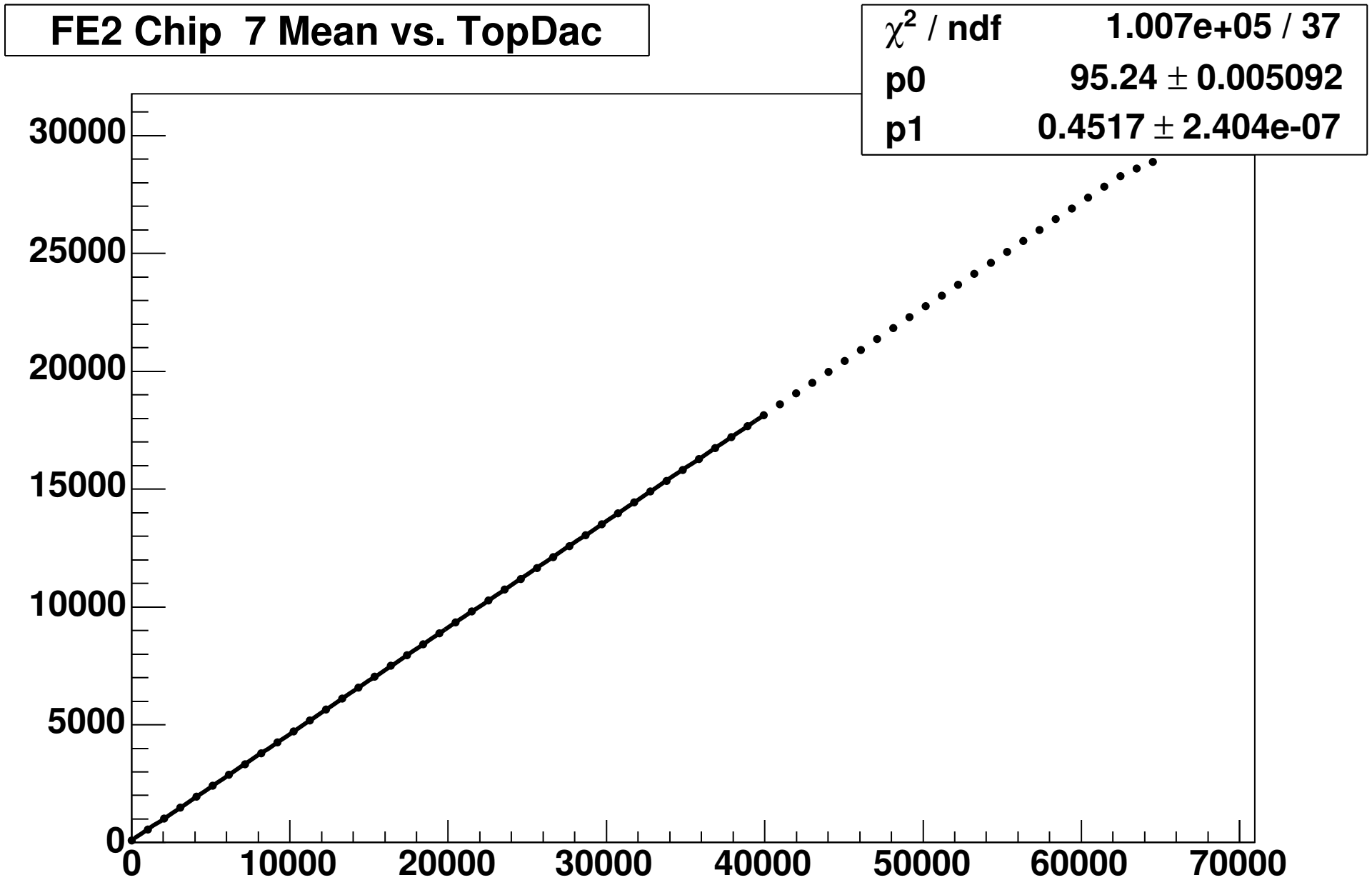

FE2 Chip 7 Mean vs. BotDac
χ² / ndf 691 / 37
p0 93.79 ± 0.005123
p1 -3.326e-06 ± 2.177e-07
93.9
93.85
93.8
93.75
93.7
93.65
93.6
93.55
93.5
93.45
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 7 Rms vs. BotDac
χ² / ndf 32.07 / 37
p0 1.477 ± 0.001781
p1 4.464e-15 ± 2.185e-06
1.65
1.6
1.55
1.5
1.45
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 7 Mean vs. TopDac
χ² / ndf 1.007e+05 / 37
p0 95.24 ± 0.005092
p1 0.4517 ± 2.404e-07
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25000
20000
15000
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5000
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20000
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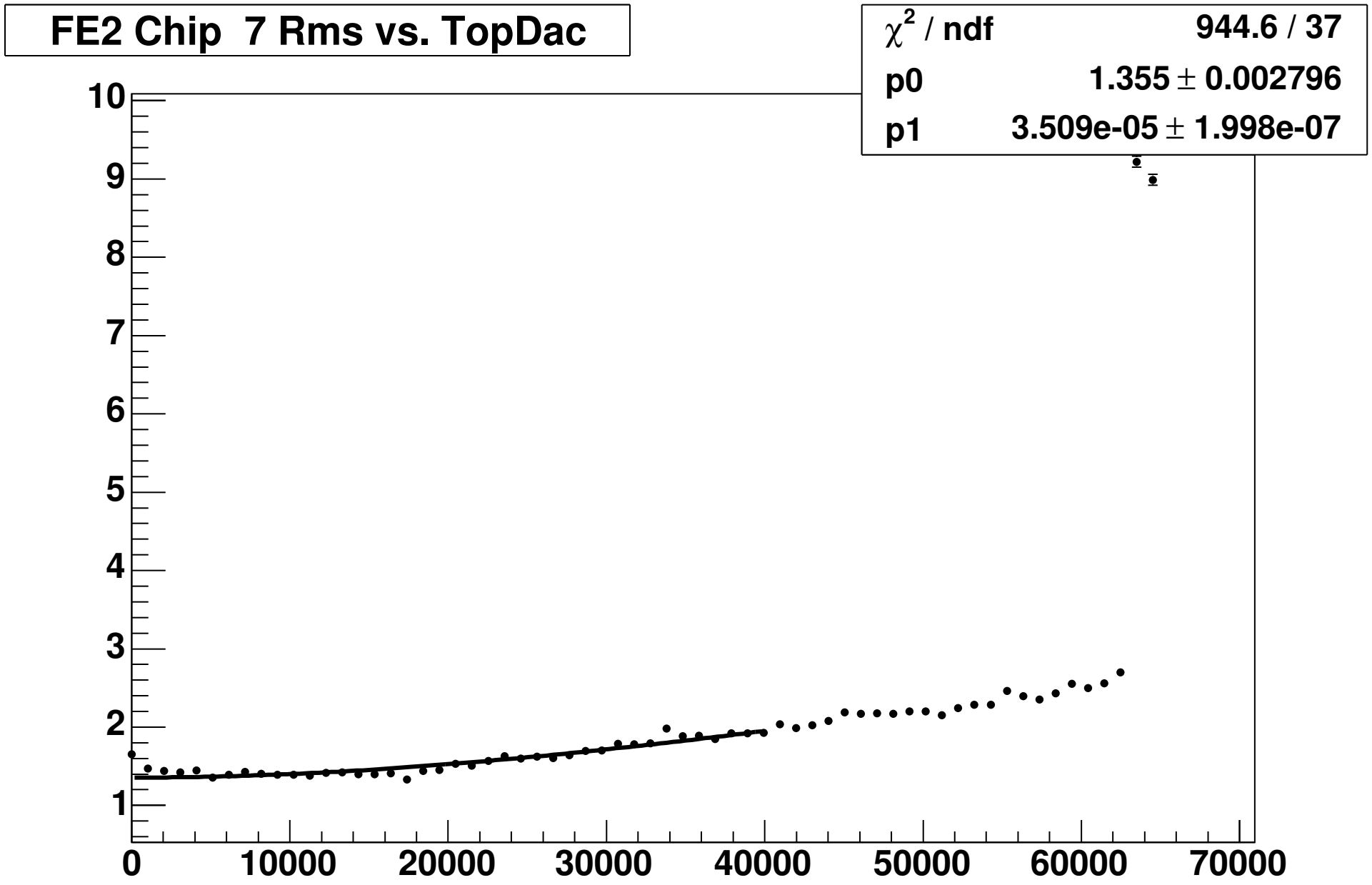
FE2 Chip 7 Rms vs. TopDac
χ² / ndf 944.6 / 37
p0 1.355 ± 0.002796
p1 3.509e-05 ± 1.998e-07
10
9
8
7
6
5
4
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0
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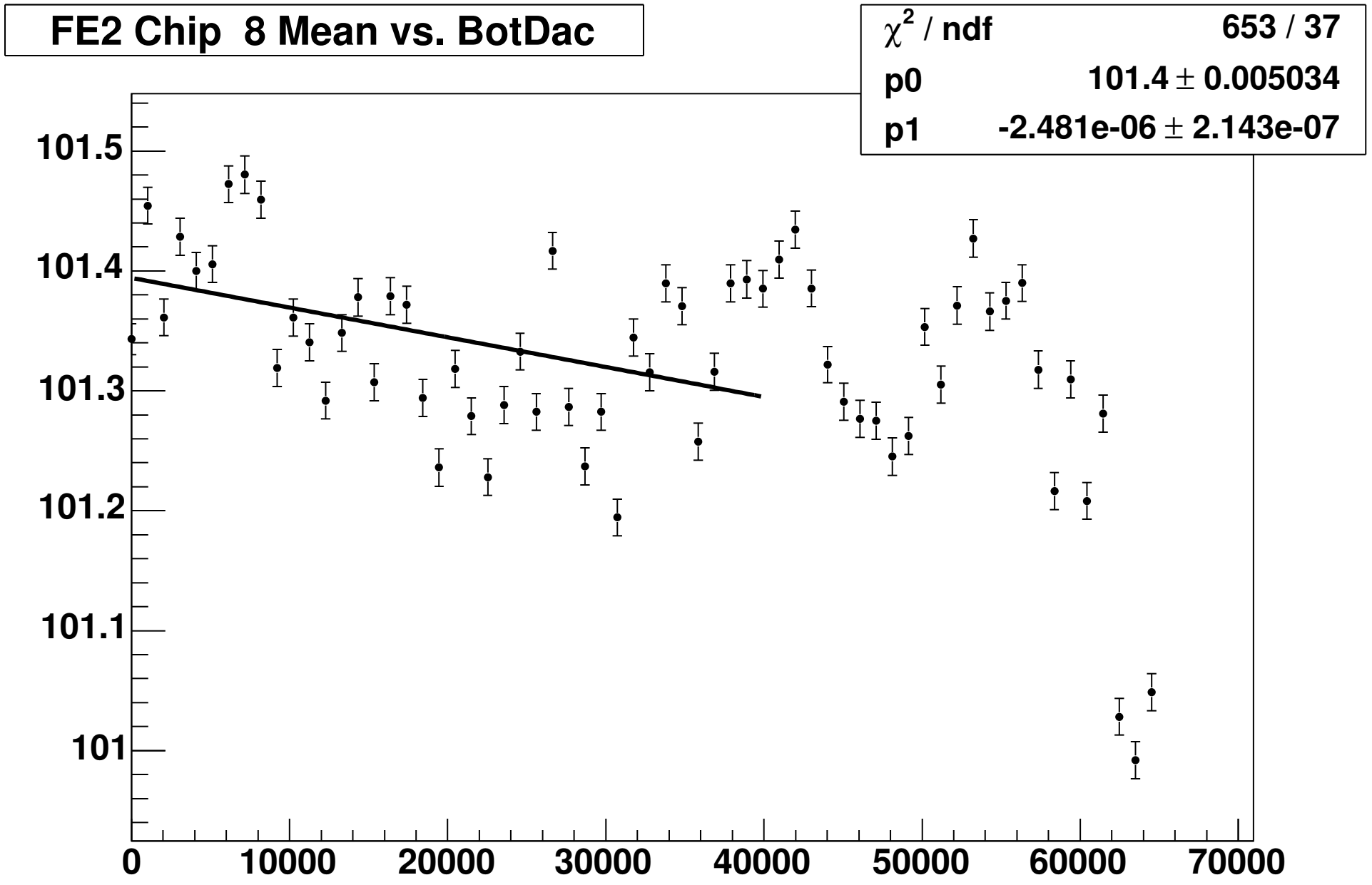
FE2 Chip 8 Mean vs. BotDac
χ² / ndf 653 / 37
p0 101.4 ± 0.005034
p1 -2.481e-06 ± 2.143e-07
101.5
101.4
101.3
101.2
101.1
101
0
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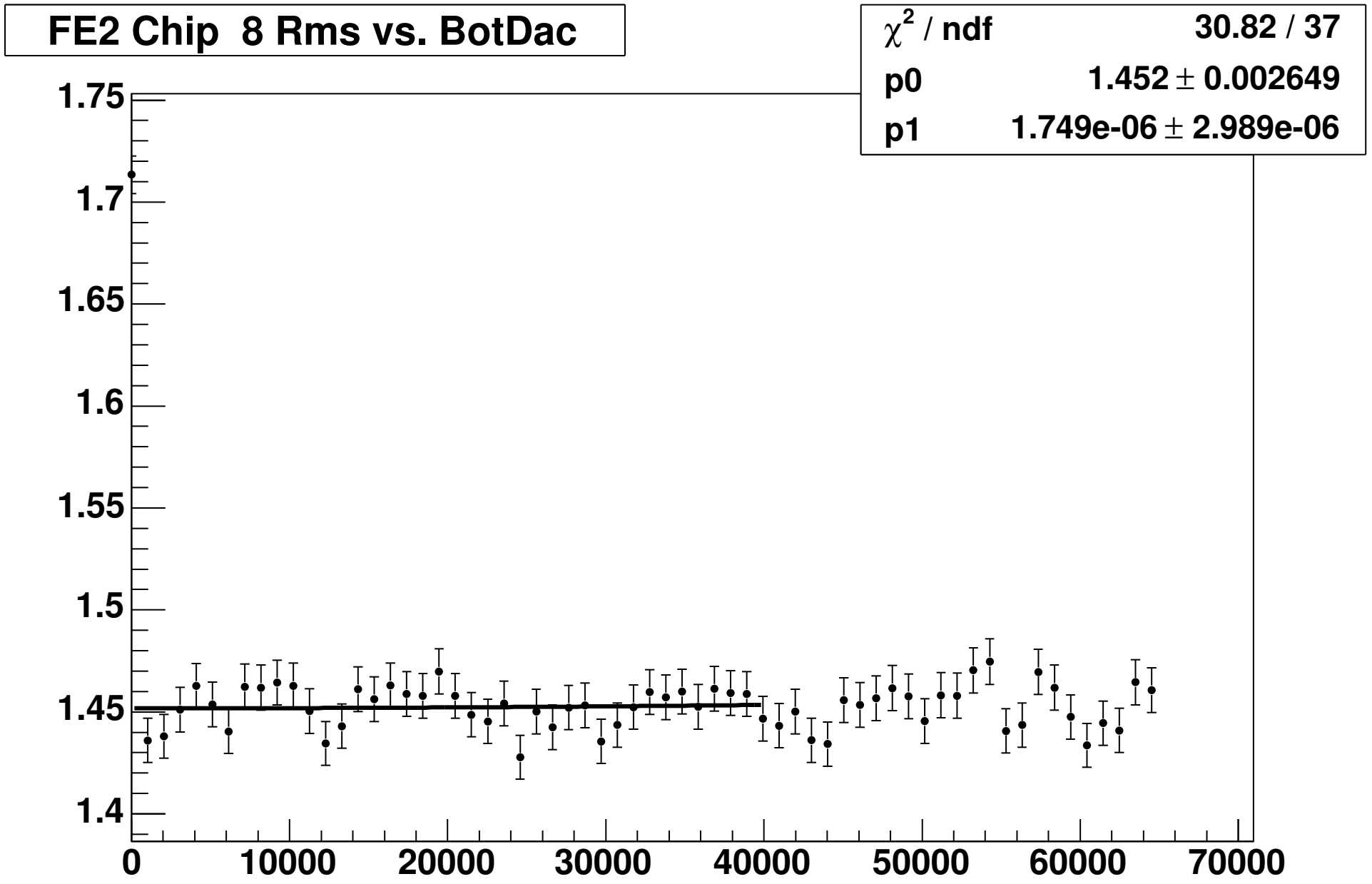
FE2 Chip 8 Rms vs. BotDac
χ² / ndf 30.82 / 37
p0 1.452 ± 0.002649
p1 1.749e-06 ± 2.989e-06
1.75
1.7
1.65
1.6
1.55
1.5
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1.4
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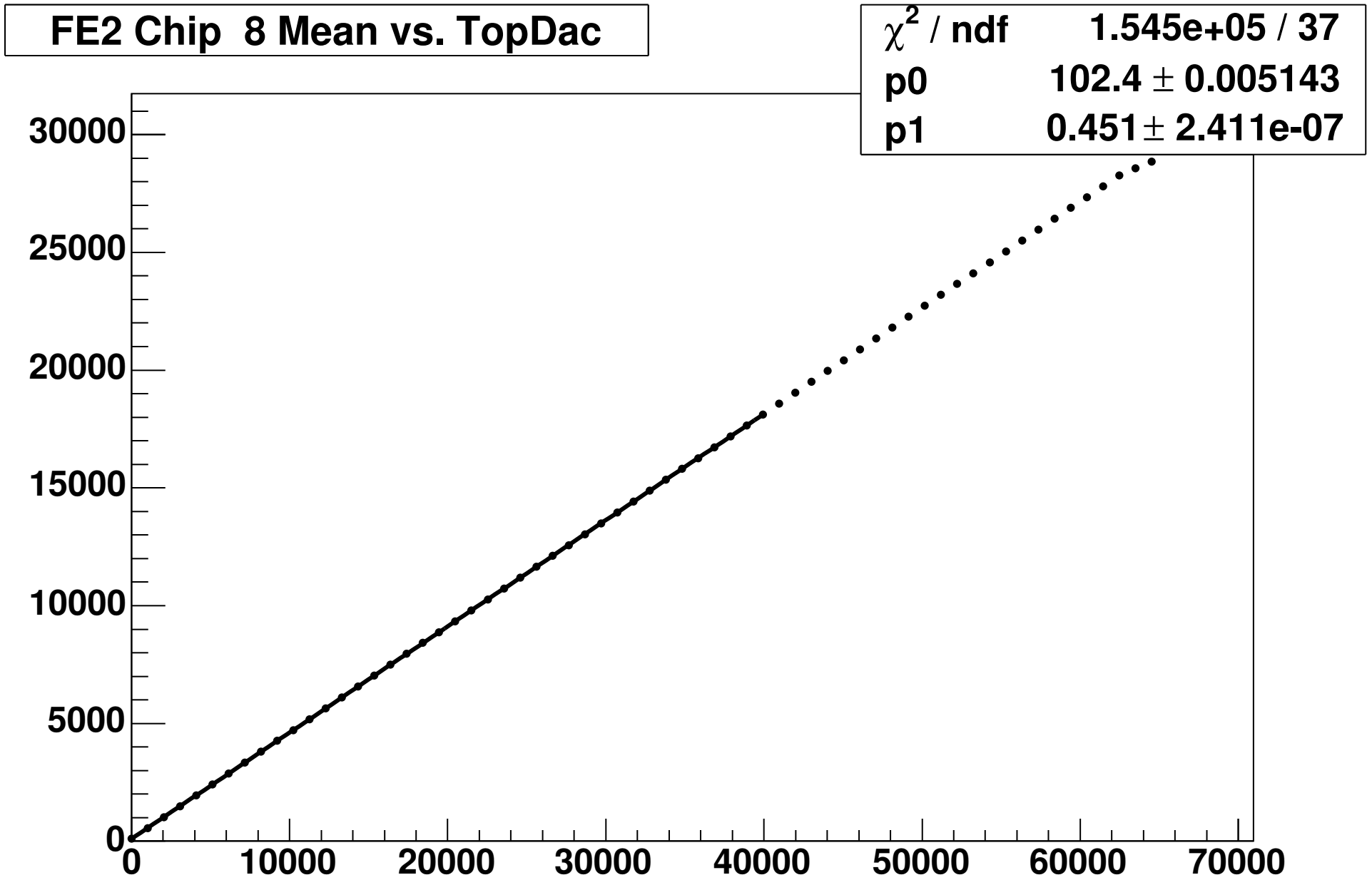
FE2 Chip 8 Mean vs. TopDac
χ² / ndf 1.545e+05 / 37
p0 102.4 ± 0.005143
p1 0.451 ± 2.411e-07
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20000
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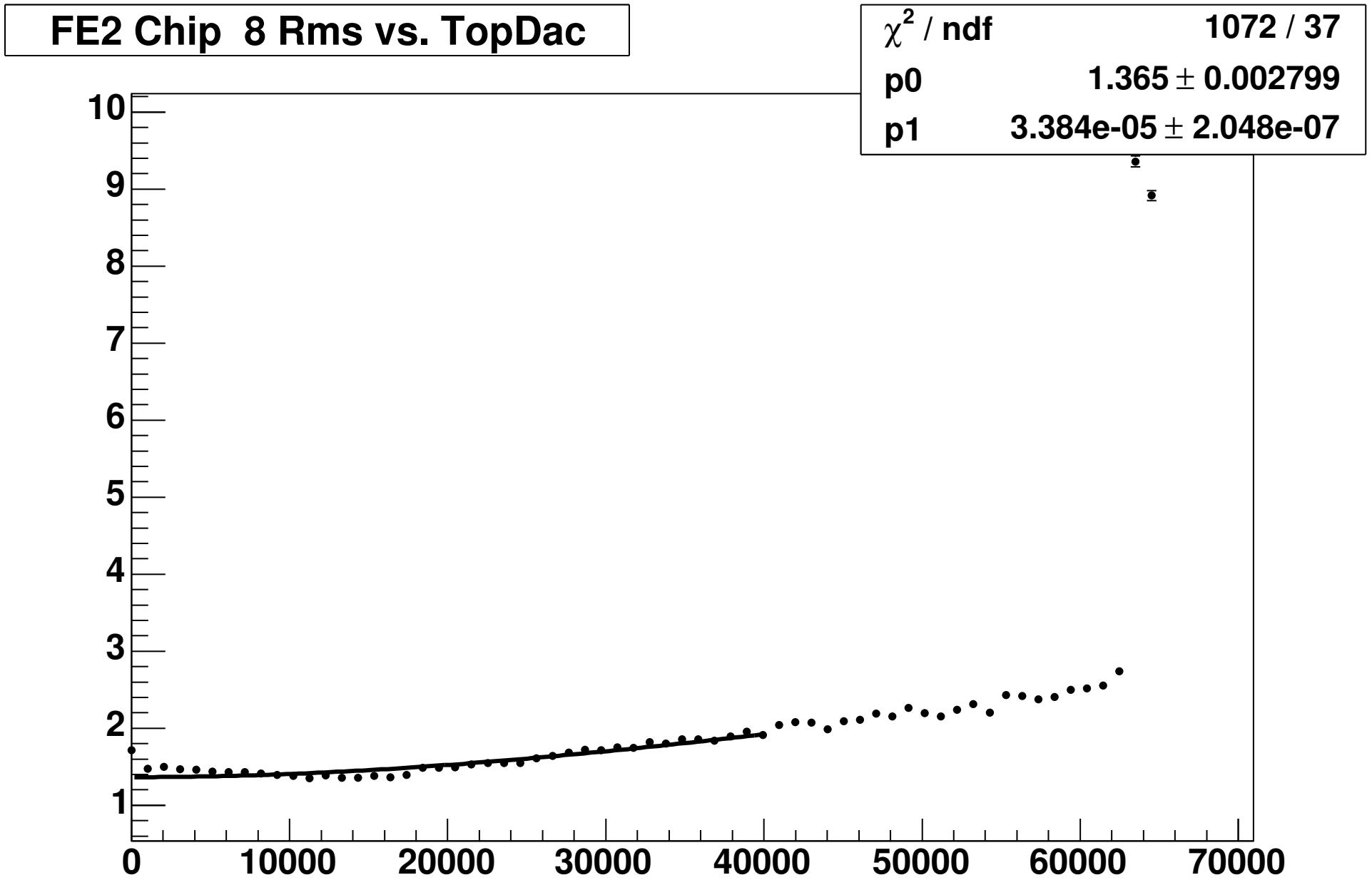
FE2 Chip 8 Rms vs. TopDac
χ² / ndf 1072 / 37
p0 1.365 ± 0.002799
p1 3.384e-05 ± 2.048e-07
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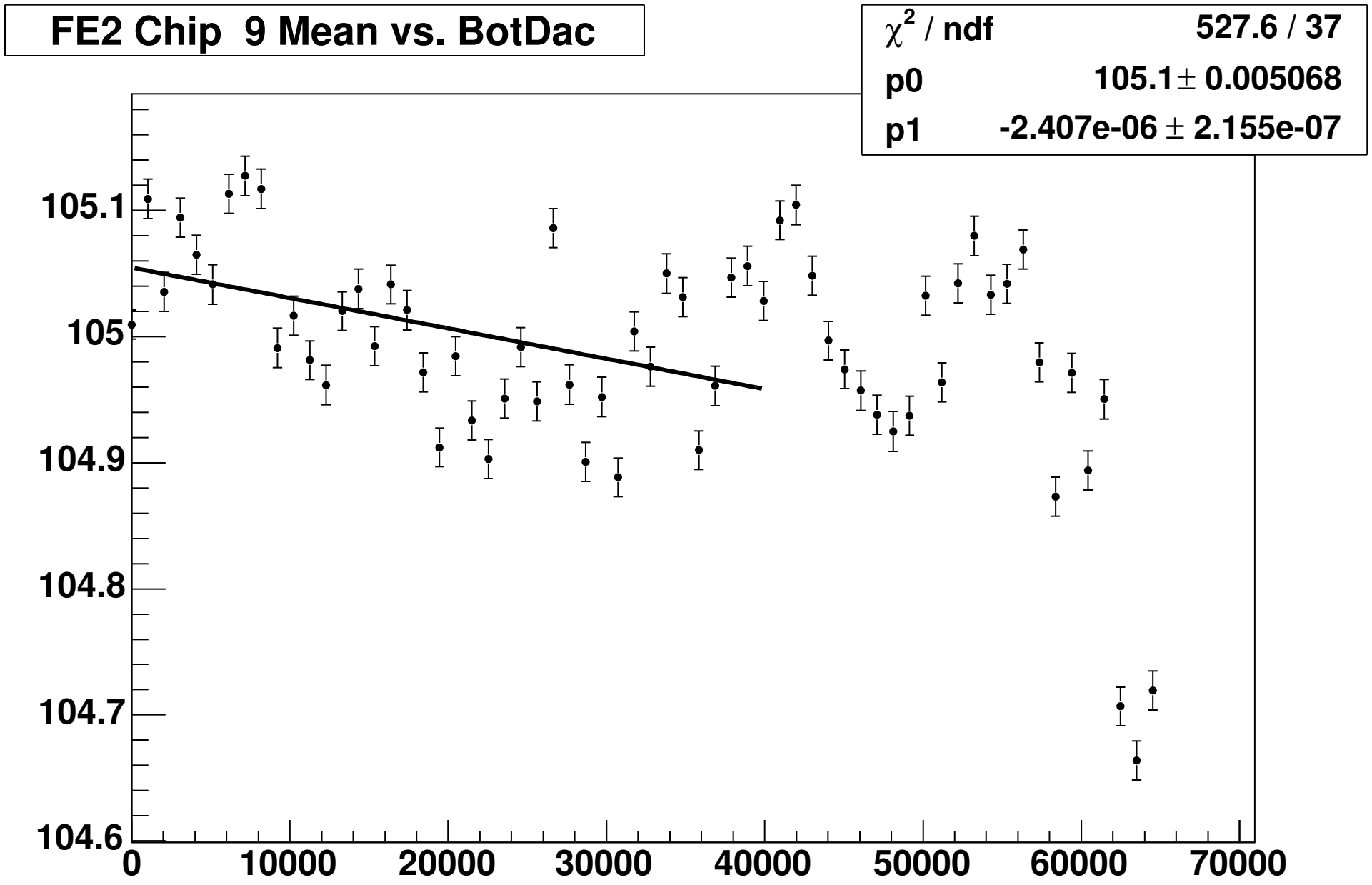
FE2 Chip 9 Mean vs. BotDac
χ² / ndf 527.6 / 37
p0 105.1 ± 0.005068
p1 -2.407e-06 ± 2.155e-07
105.1
105
104.9
104.8
104.7
104.6
0
10000
20000
30000
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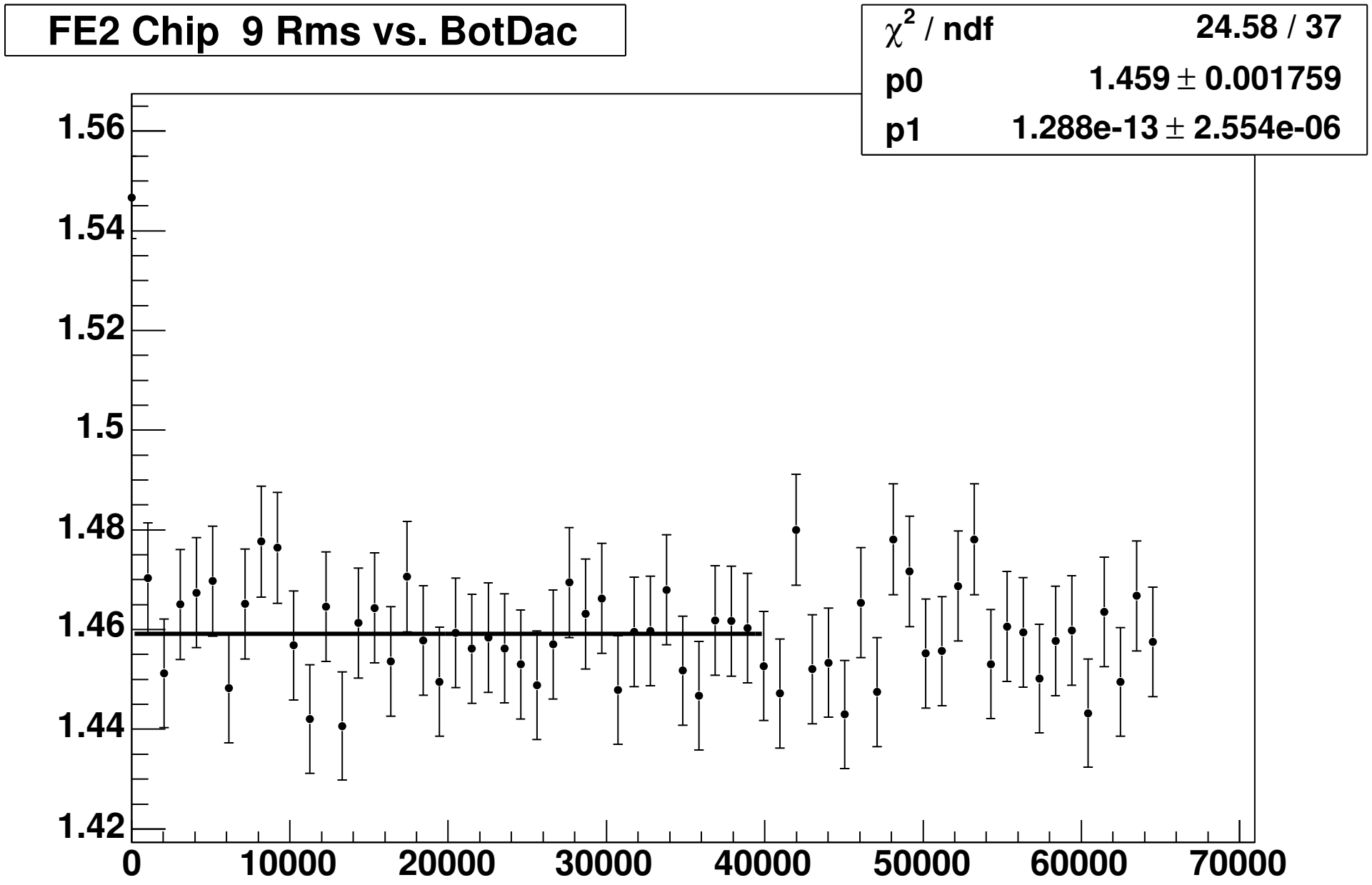
FE2 Chip 9 Rms vs. BotDac
χ² / ndf 24.58 / 37
p0 1.459 ± 0.001759
p1 1.288e-13 ± 2.554e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
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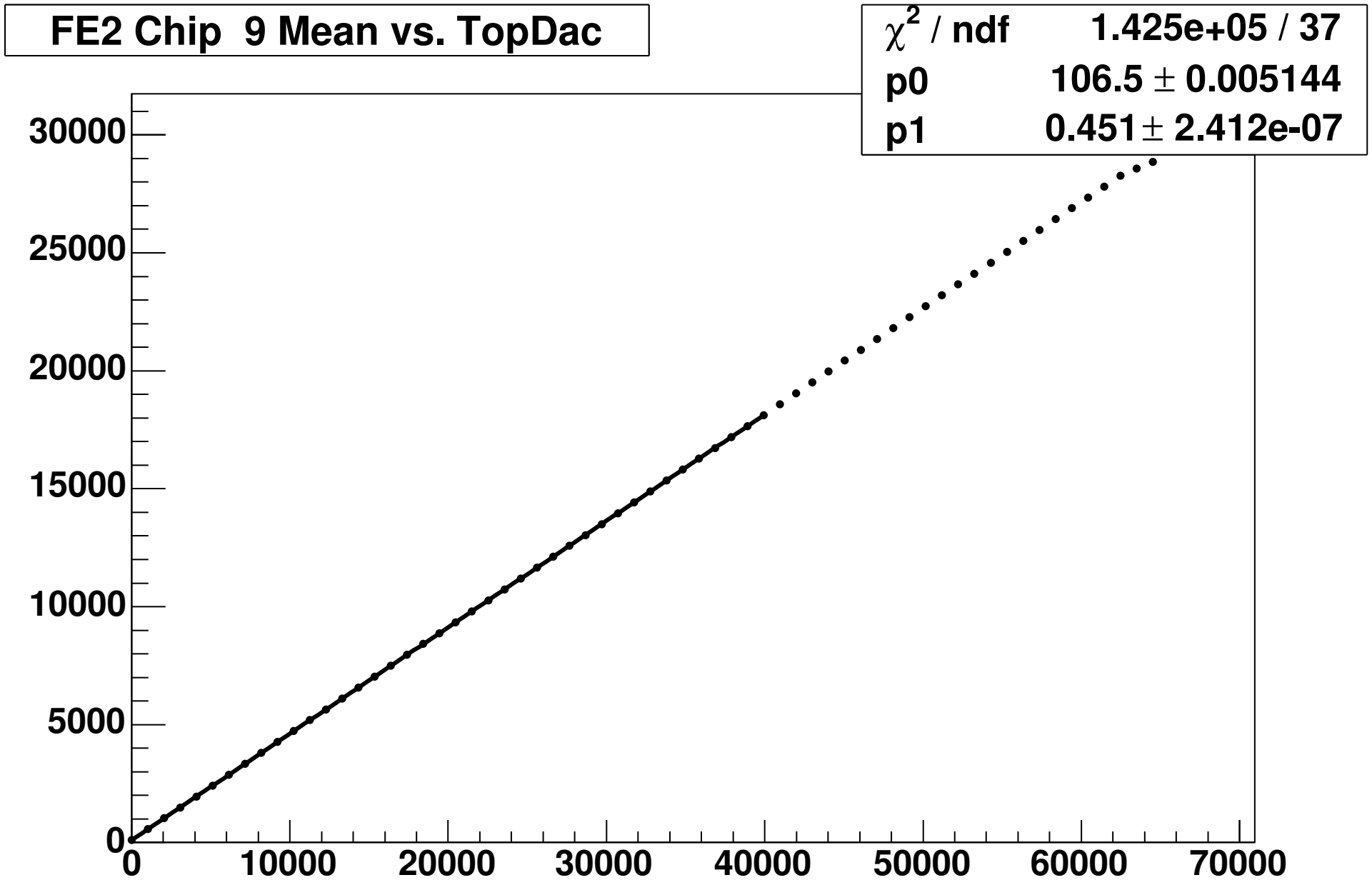
FE2 Chip 9 Mean vs. TopDac
χ² / ndf 1.425e+05 / 37
p0 106.5 ± 0.005144
p1 0.451 ± 2.412e-07
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20000
15000
10000
5000
0
0
10000
20000
30000
40000
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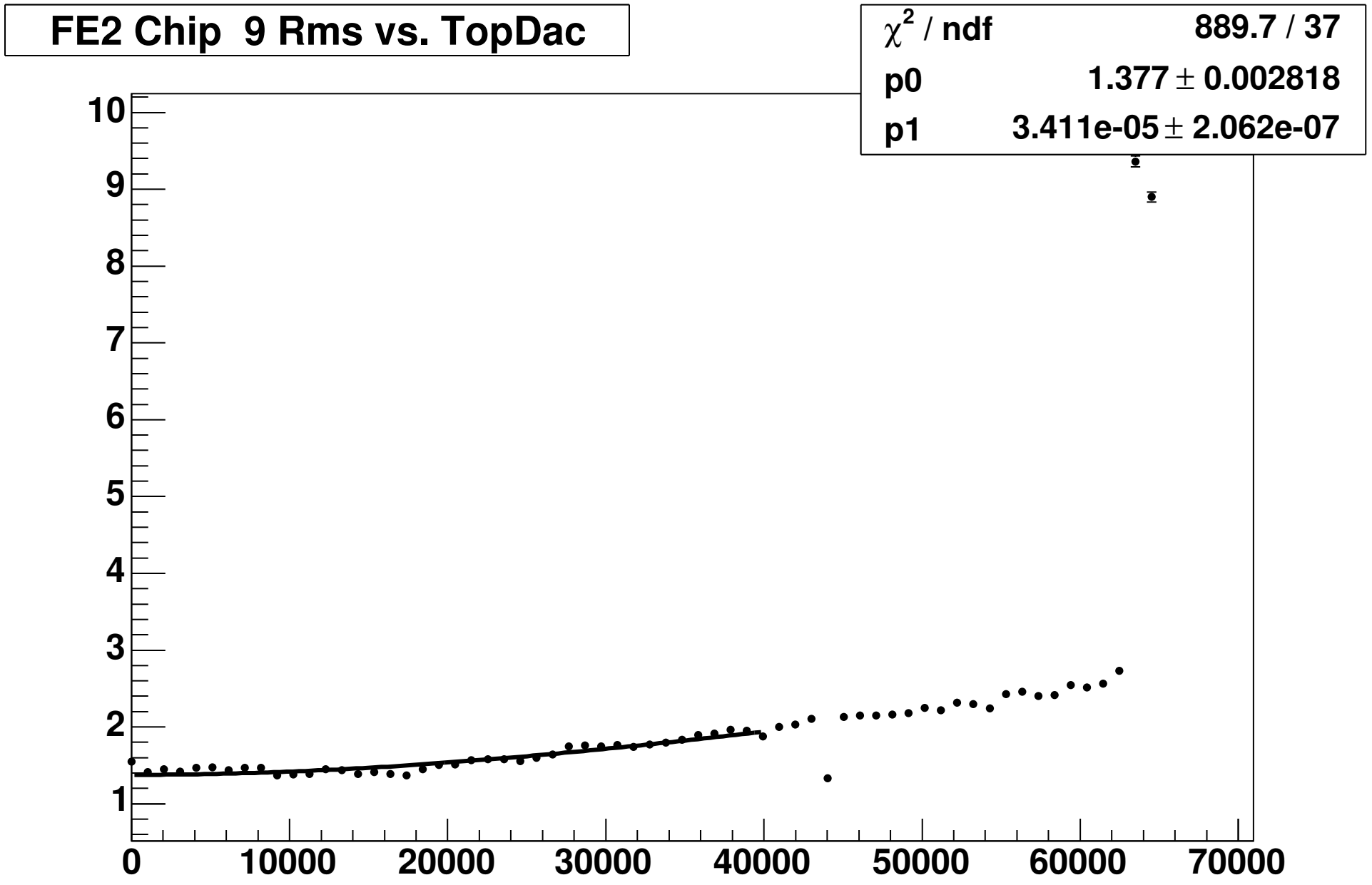
FE2 Chip 9 Rms vs. TopDac
χ² / ndf 889.7 / 37
p0 1.377 ± 0.002818
p1 3.411e-05 ± 2.062e-07
10
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8
7
6
5
4
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1
0
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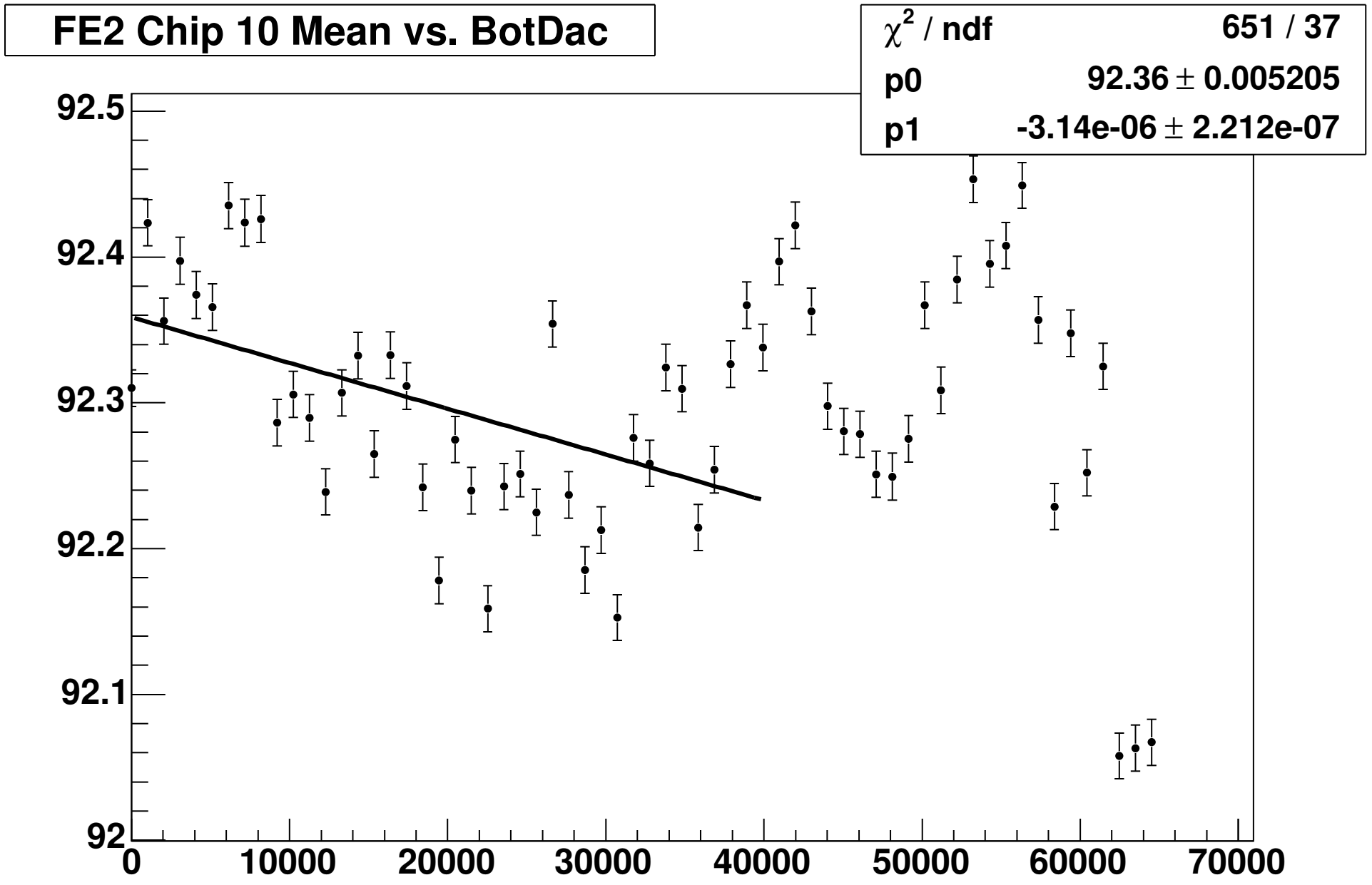
FE2 Chip 10 Mean vs. BotDac
χ² / ndf 651 / 37
p0 92.36 ± 0.005205
p1 -3.14e-06 ± 2.212e-07
92.5
92.4
92.3
92.2
92.1
92
0
10000
20000
30000
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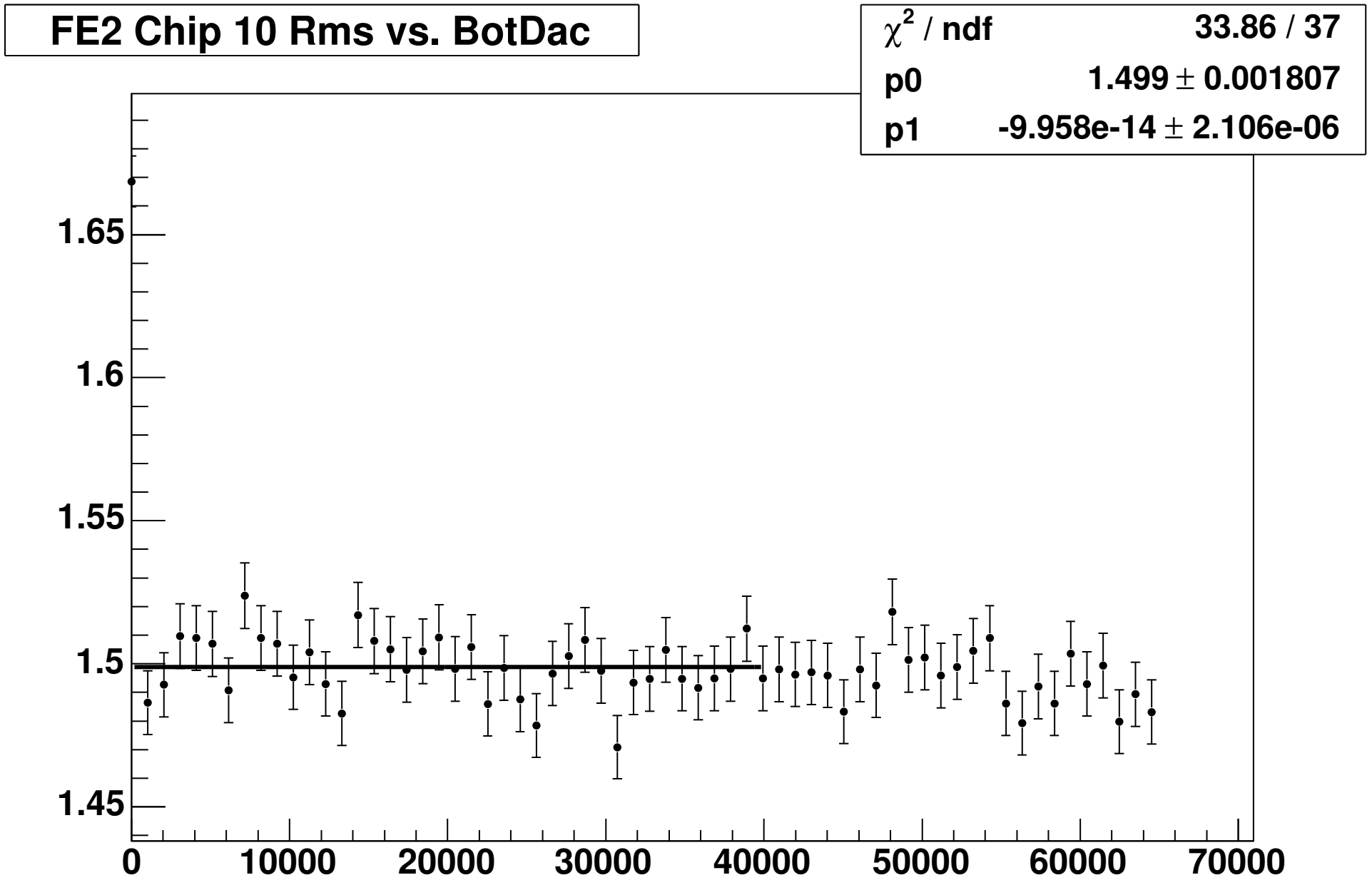
FE2 Chip 10 Rms vs. BotDac
χ² / ndf 33.86 / 37
p0 1.499 ± 0.001807
p1 -9.958e-14 ± 2.106e-06
1.65
1.6
1.55
1.5
1.45
0
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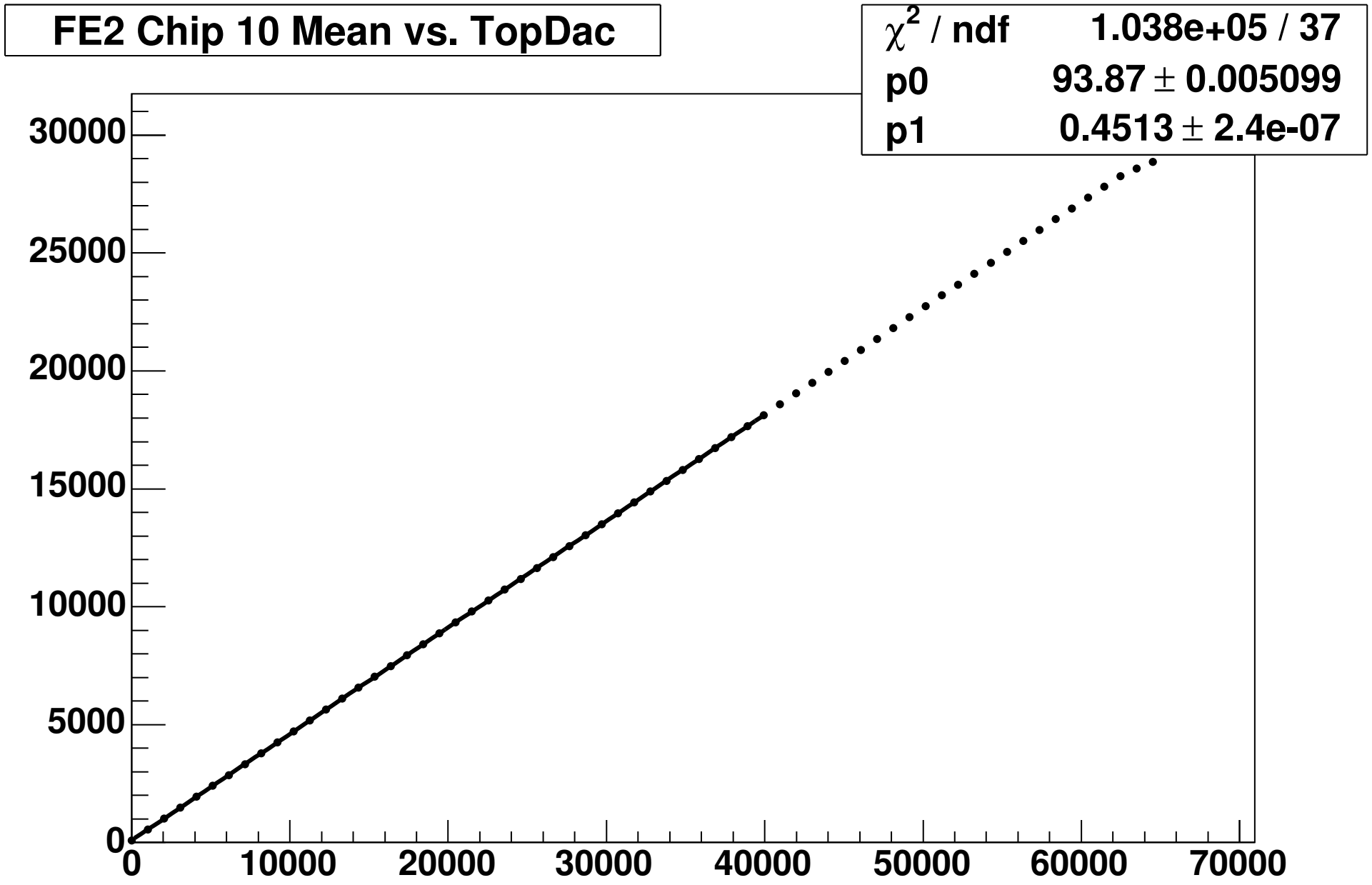
FE2 Chip 10 Mean vs. TopDac
χ² / ndf 1.038e+05 / 37
p0 93.87 ± 0.005099
p1 0.4513 ± 2.4e-07
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15000
10000
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10000
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50000
60000
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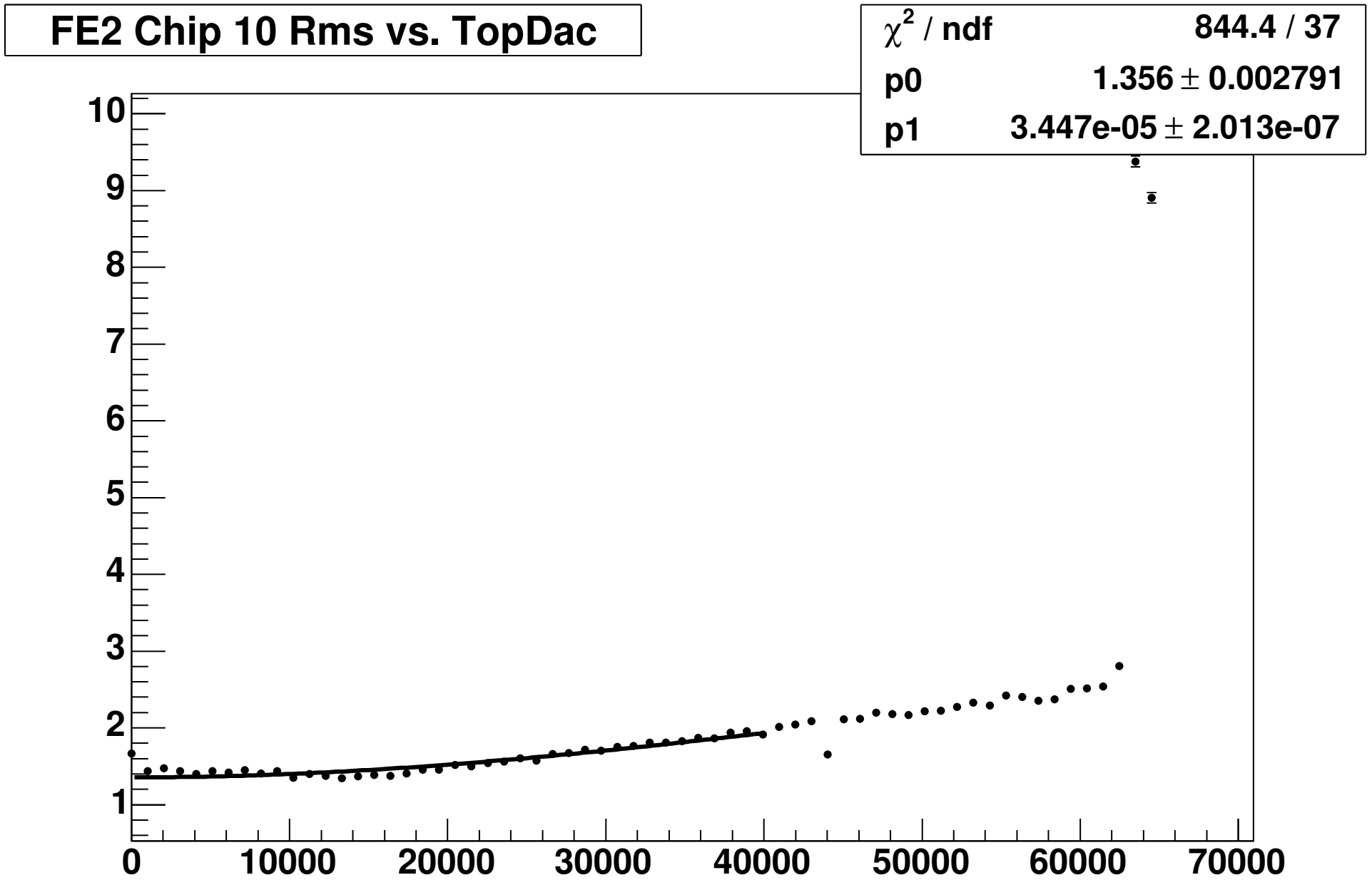
FE2 Chip 10 Rms vs. TopDac
χ² / ndf 844.4 / 37
p0 1.356 ± 0.002791
p1 3.447e-05 ± 2.013e-07
10
9
8
7
6
5
4
3
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1
0
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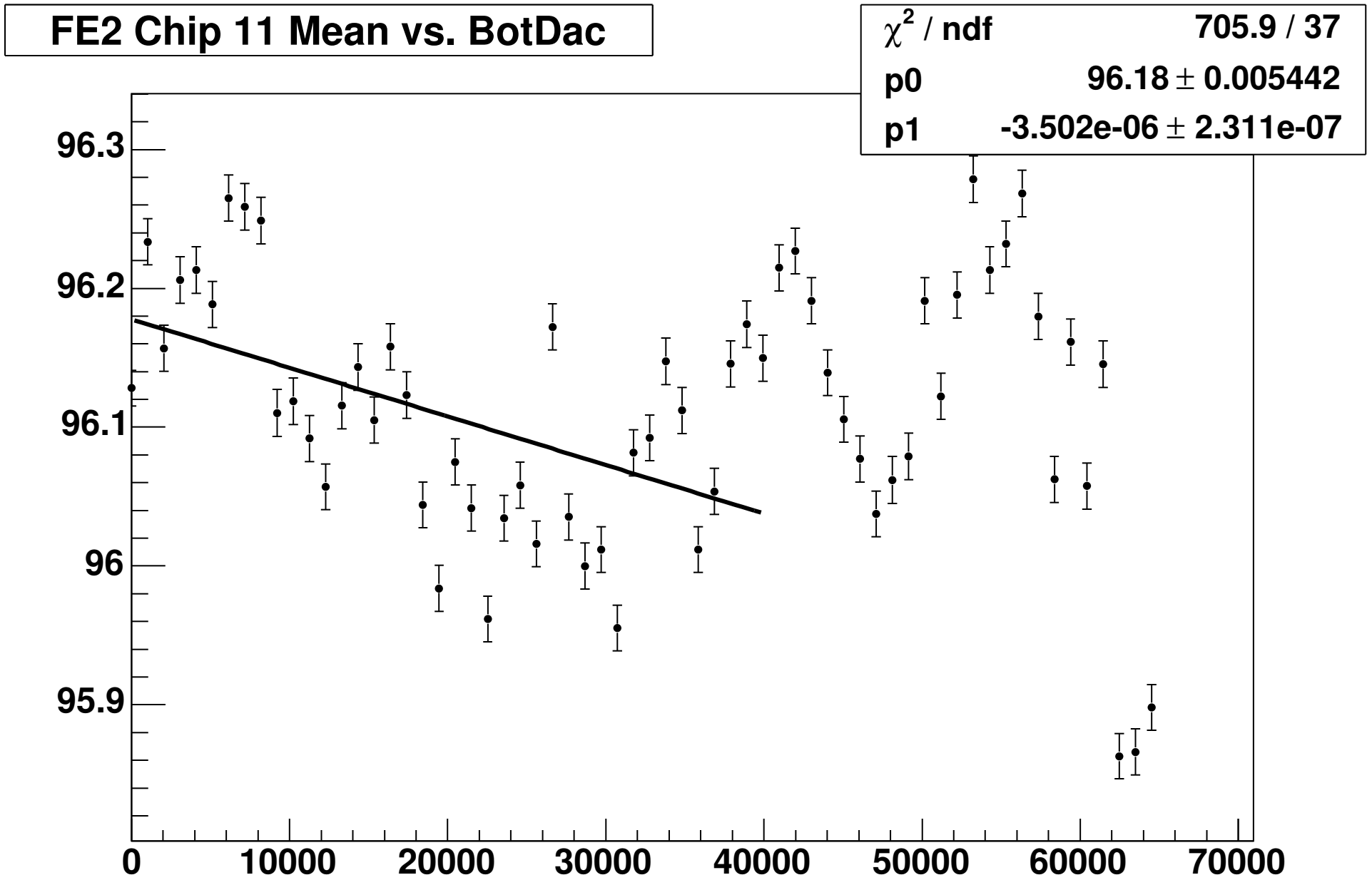
FE2 Chip 11 Mean vs. BotDac
χ² / ndf 705.9 / 37
p0 96.18 ± 0.005442
p1 -3.502e-06 ± 2.311e-07
96.3
96.2
96.1
96
95.9
0
10000
20000
30000
40000
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60000
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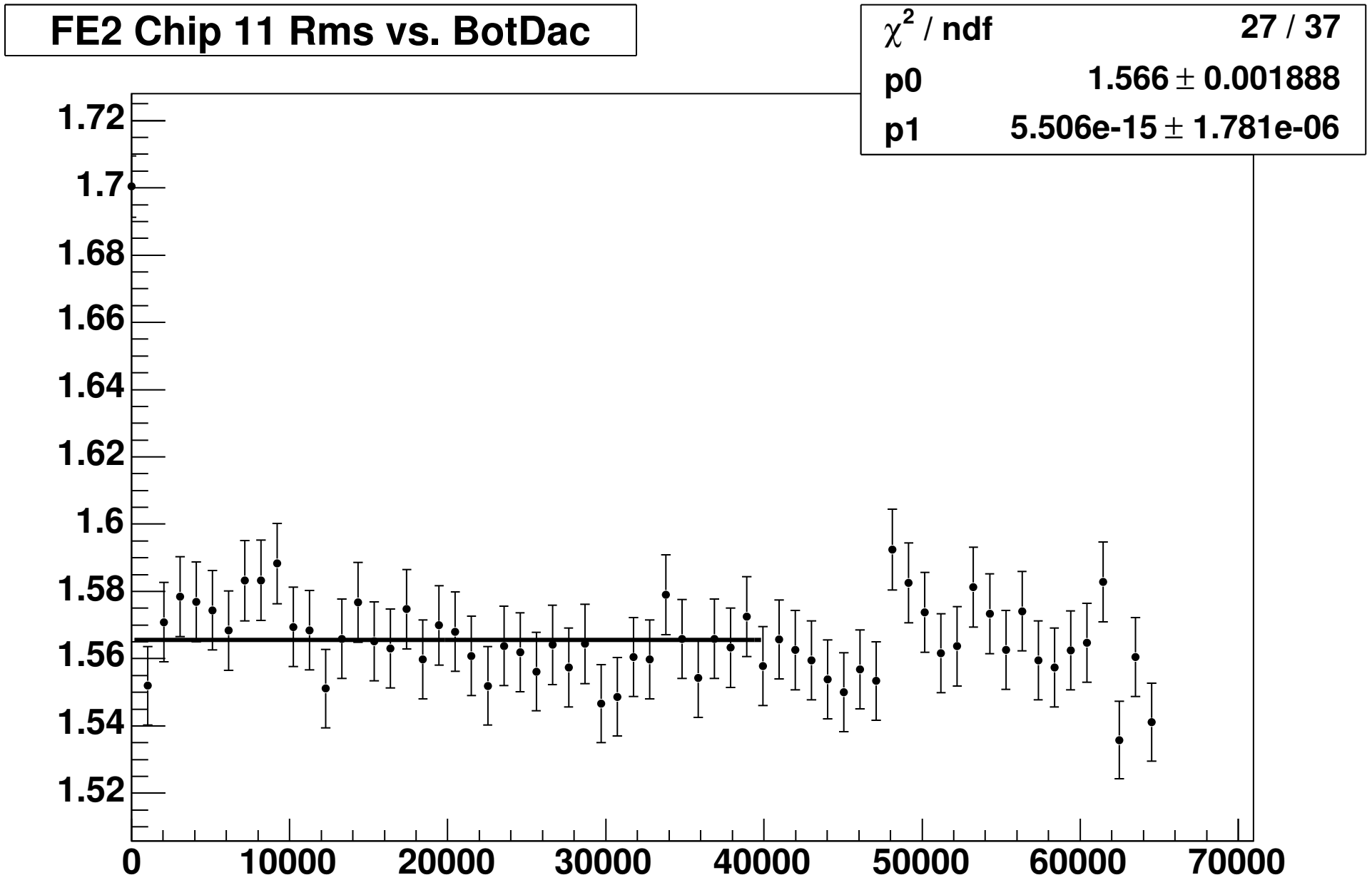
FE2 Chip 11 Rms vs. BotDac
χ² / ndf 27 / 37
p0 1.566 ± 0.001888
p1 5.506e-15 ± 1.781e-06
1.72
1.7
1.68
1.66
1.64
1.62
1.6
1.58
1.56
1.54
1.52
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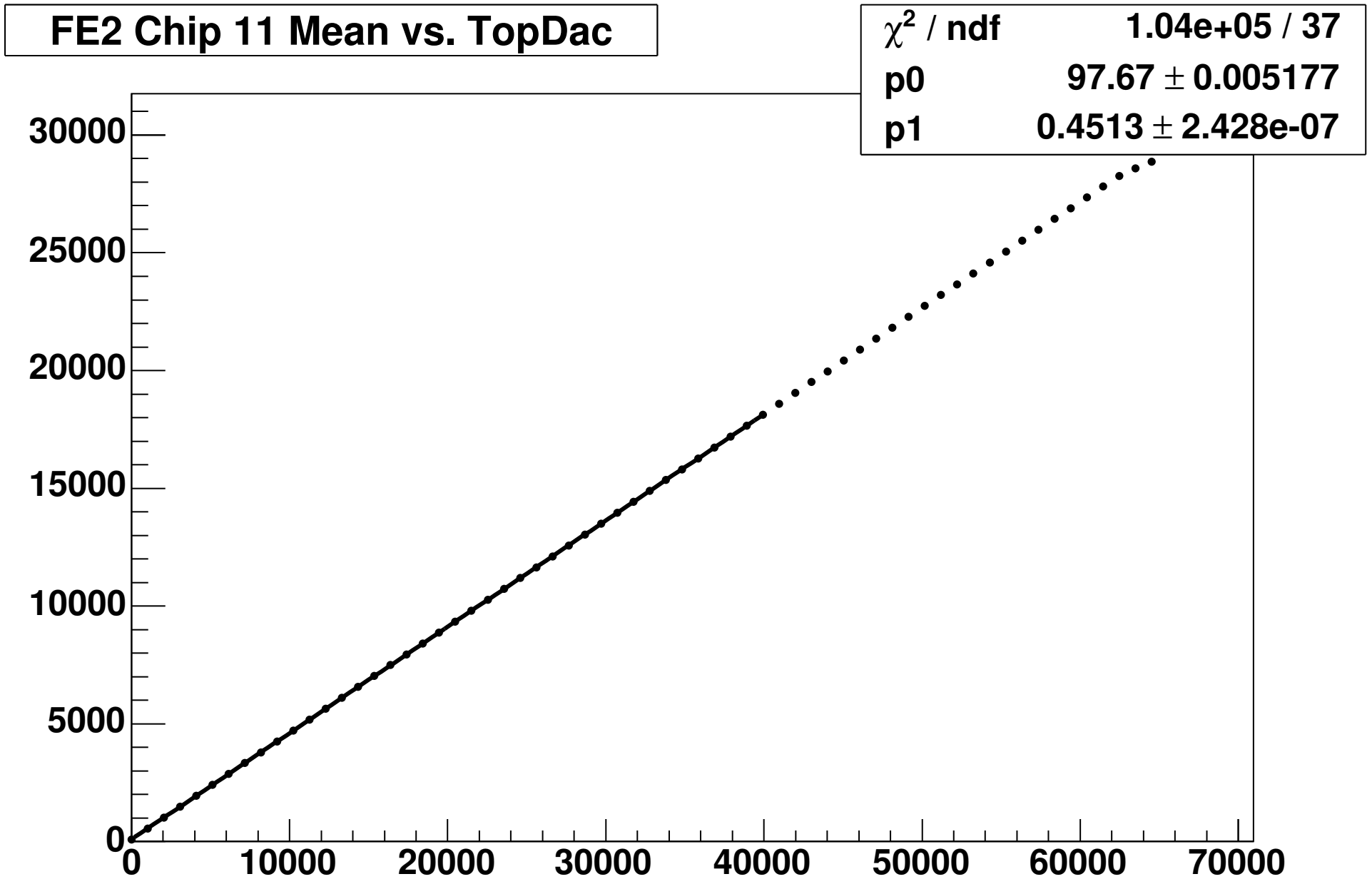
FE2 Chip 11 Mean vs. TopDac
χ² / ndf 1.04e+05 / 37
p0 97.67 ± 0.005177
p1 0.4513 ± 2.428e-07
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10000
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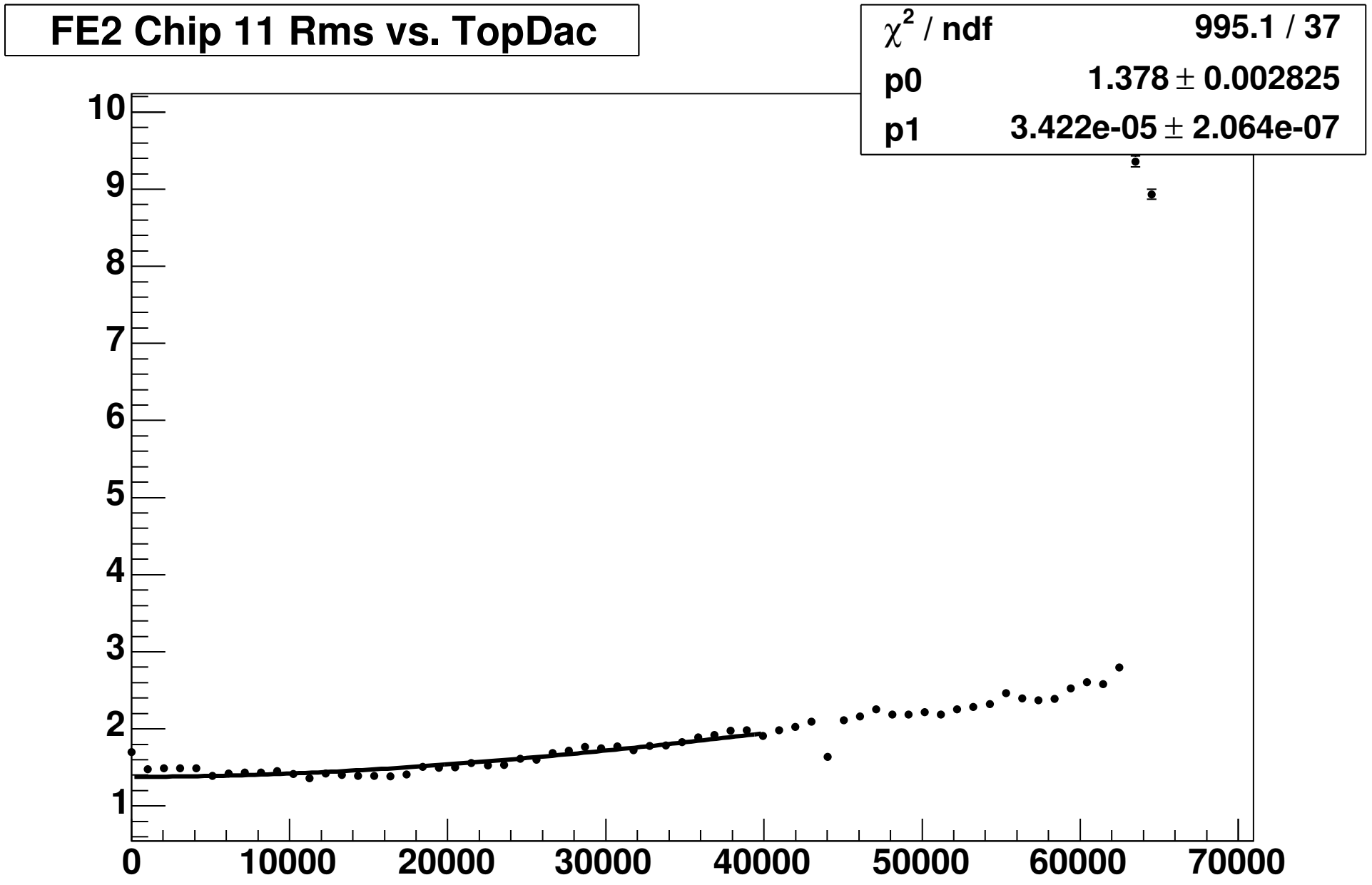
50000
60000
70000


FE2 Chip 11 Rms vs. TopDac
χ² / ndf 995.1 / 37
p0 1.378 ± 0.002825
p1 3.422e-05 ± 2.064e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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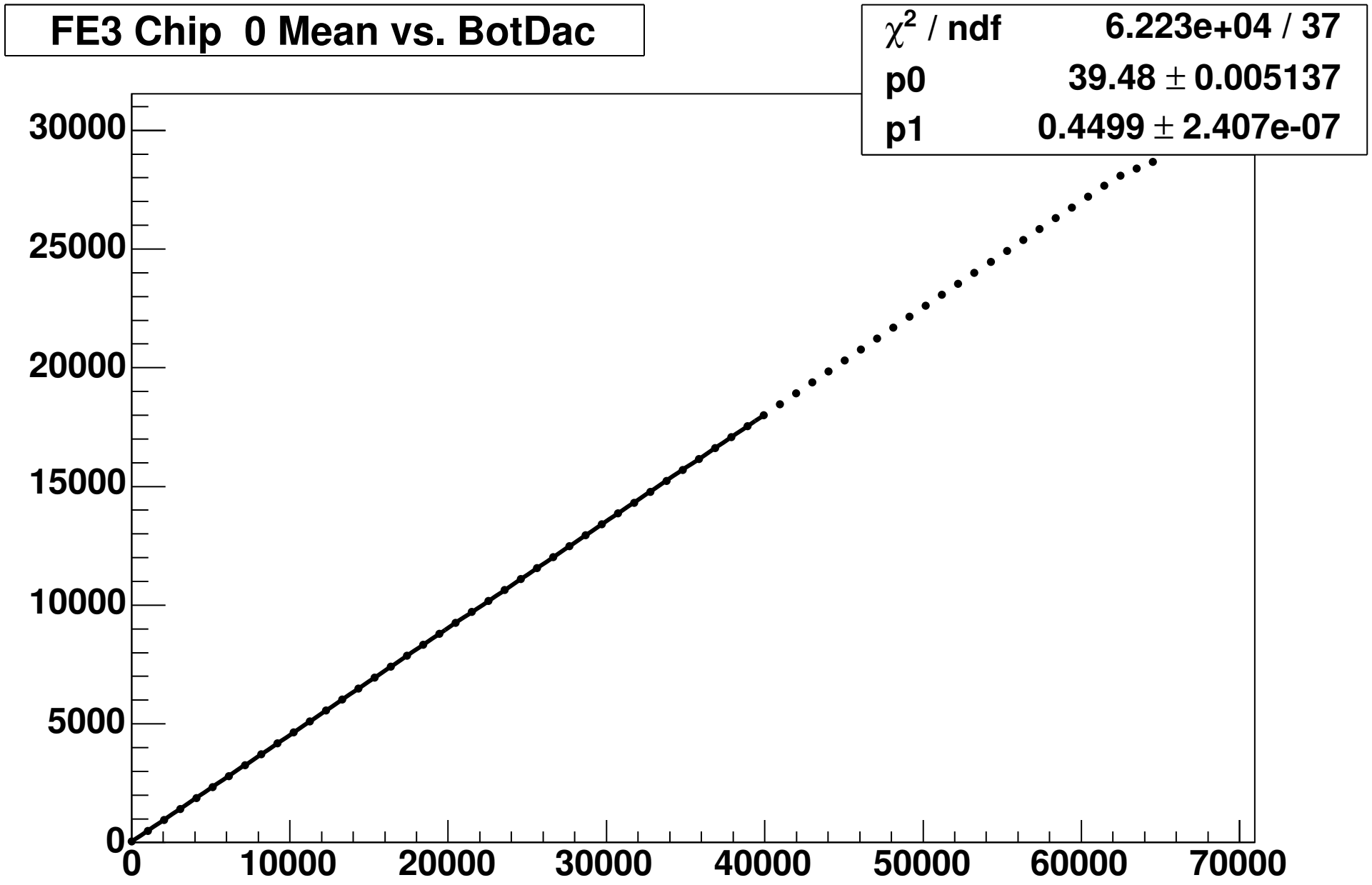
50000
60000
70000


FE3 Chip 0 Mean vs. BotDac
χ² / ndf 6.223e+04 / 37
p0 39.48 ± 0.005137
p1 0.4499 ± 2.407e-07
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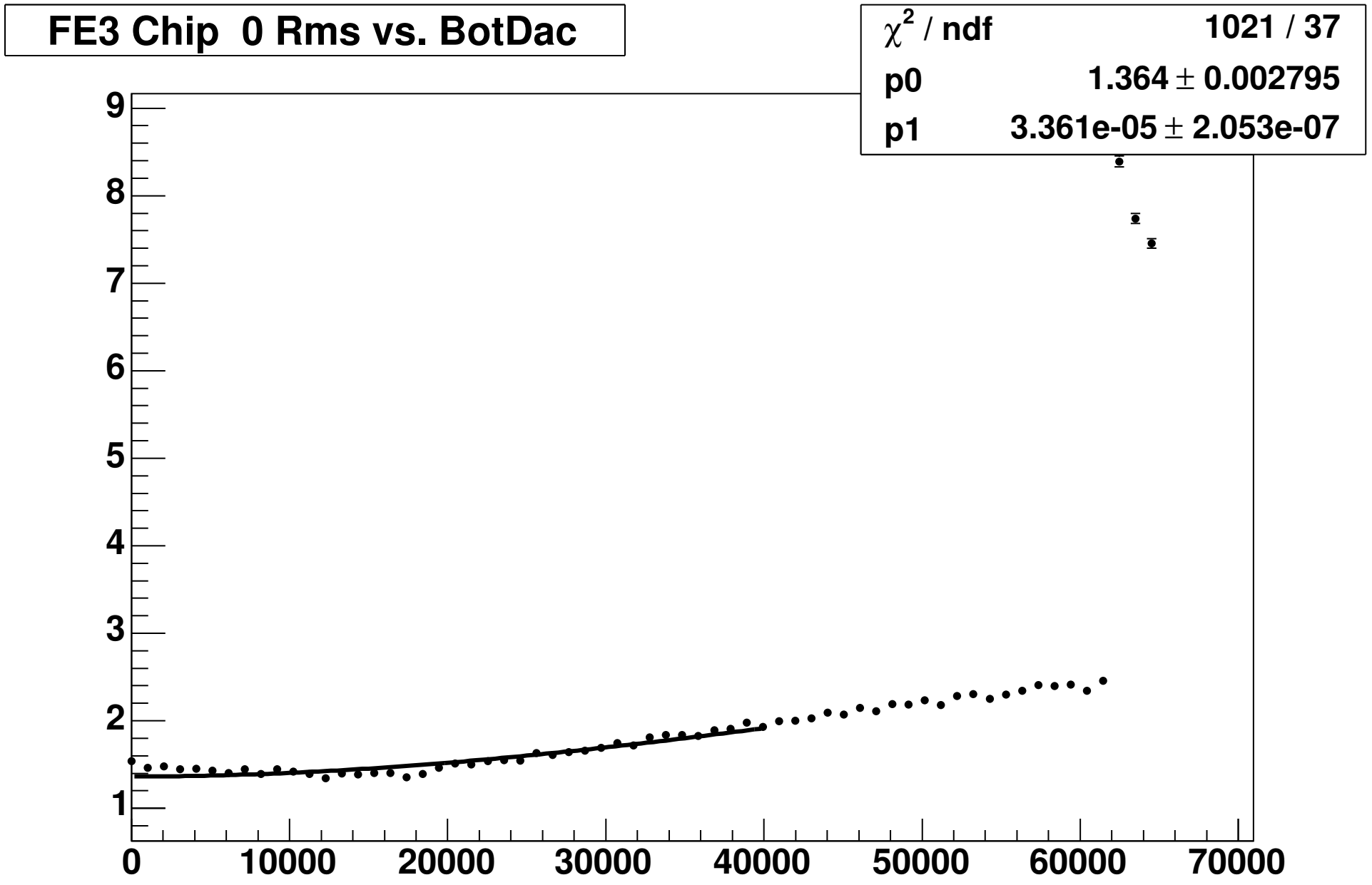
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 0 Rms vs. BotDac
χ² / ndf 1021 / 37
p0 1.364 ± 0.002795
p1 3.361e-05 ± 2.053e-07
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6
5
4
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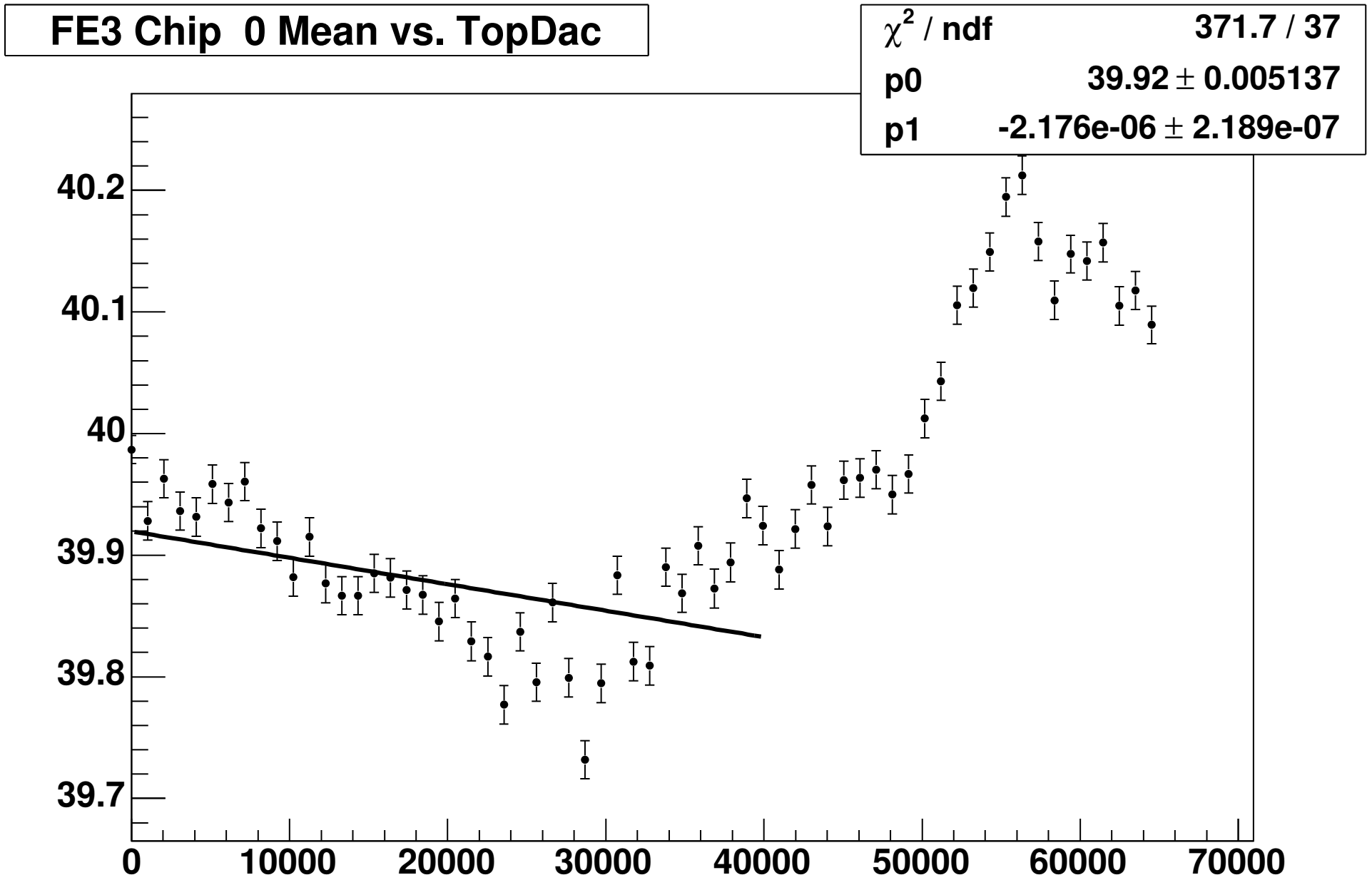
FE3 Chip 0 Mean vs. TopDac
χ² / ndf 371.7 / 37
p0 39.92 ± 0.005137
p1 -2.176e-06 ± 2.189e-07
40.2
40.1
40
39.9
39.8
39.7
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10000
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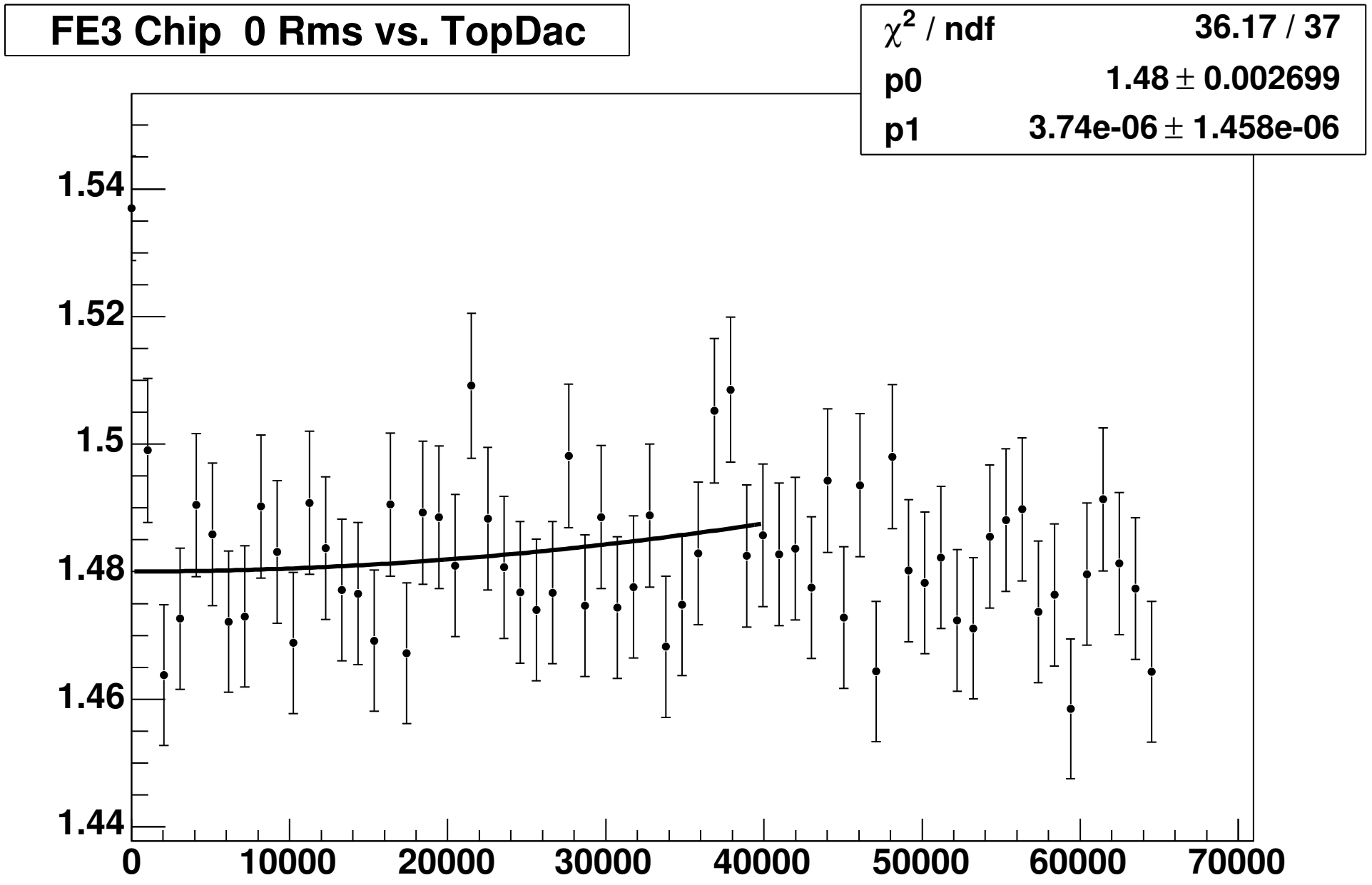
FE3 Chip 0 Rms vs. TopDac
χ² / ndf 36.17 / 37
p0 1.48 ± 0.002699
p1 3.74e-06 ± 1.458e-06
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
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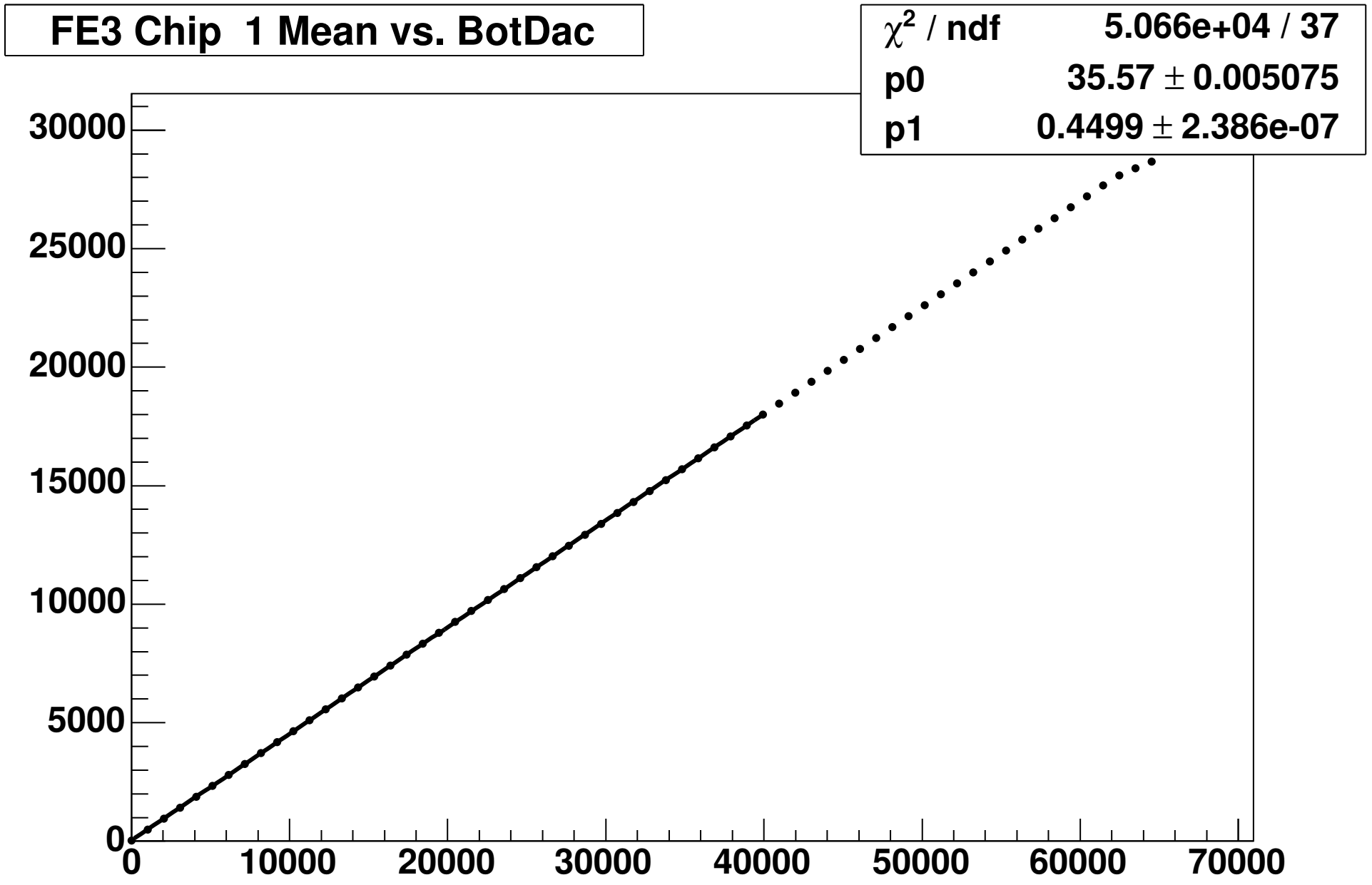
70000


FE3 Chip 1 Mean vs. BotDac
χ² / ndf 5.066e+04 / 37
p0 35.57 ± 0.005075
p1 0.4499 ± 2.386e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
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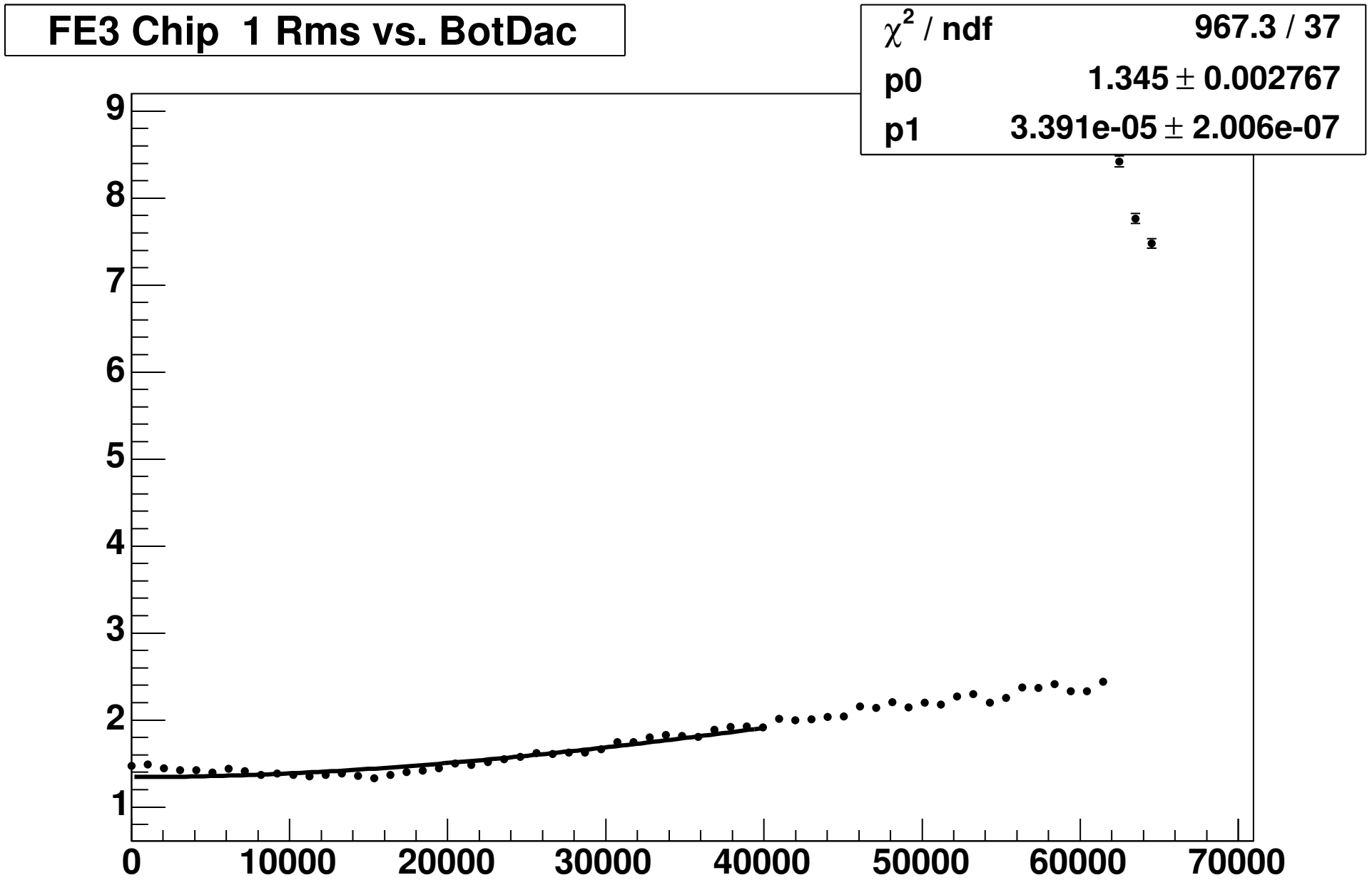
50000
60000
70000


FE3 Chip 1 Rms vs. BotDac
χ² / ndf 967.3 / 37
p0 1.345 ± 0.002767
p1 3.391e-05 ± 2.006e-07
9
8
7
6
5
4
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2
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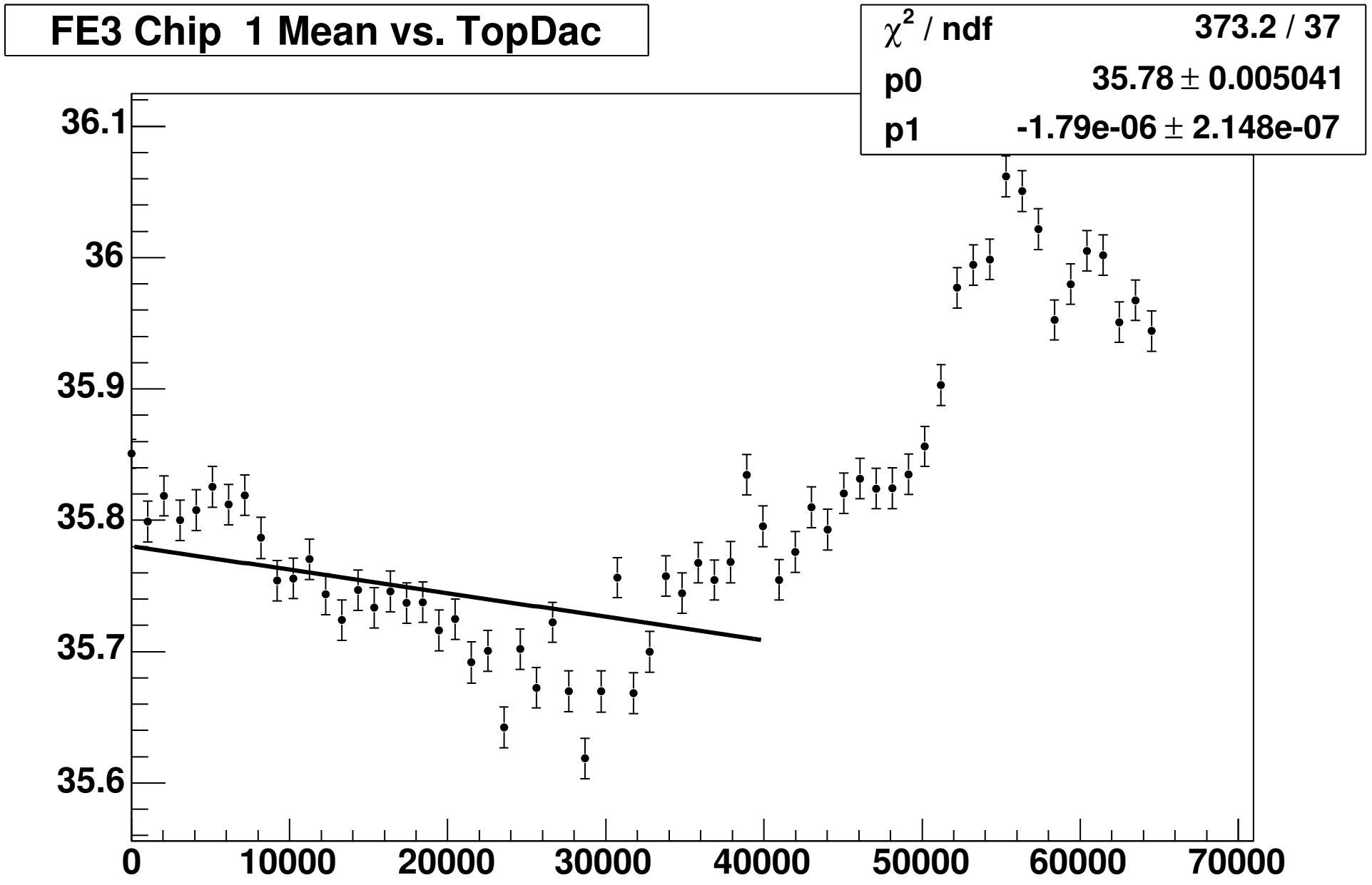
FE3 Chip 1 Mean vs. TopDac
χ² / ndf 373.2 / 37
p0 35.78 ± 0.005041
p1 -1.79e-06 ± 2.148e-07
36.1
36
35.9
35.8
35.7
35.6
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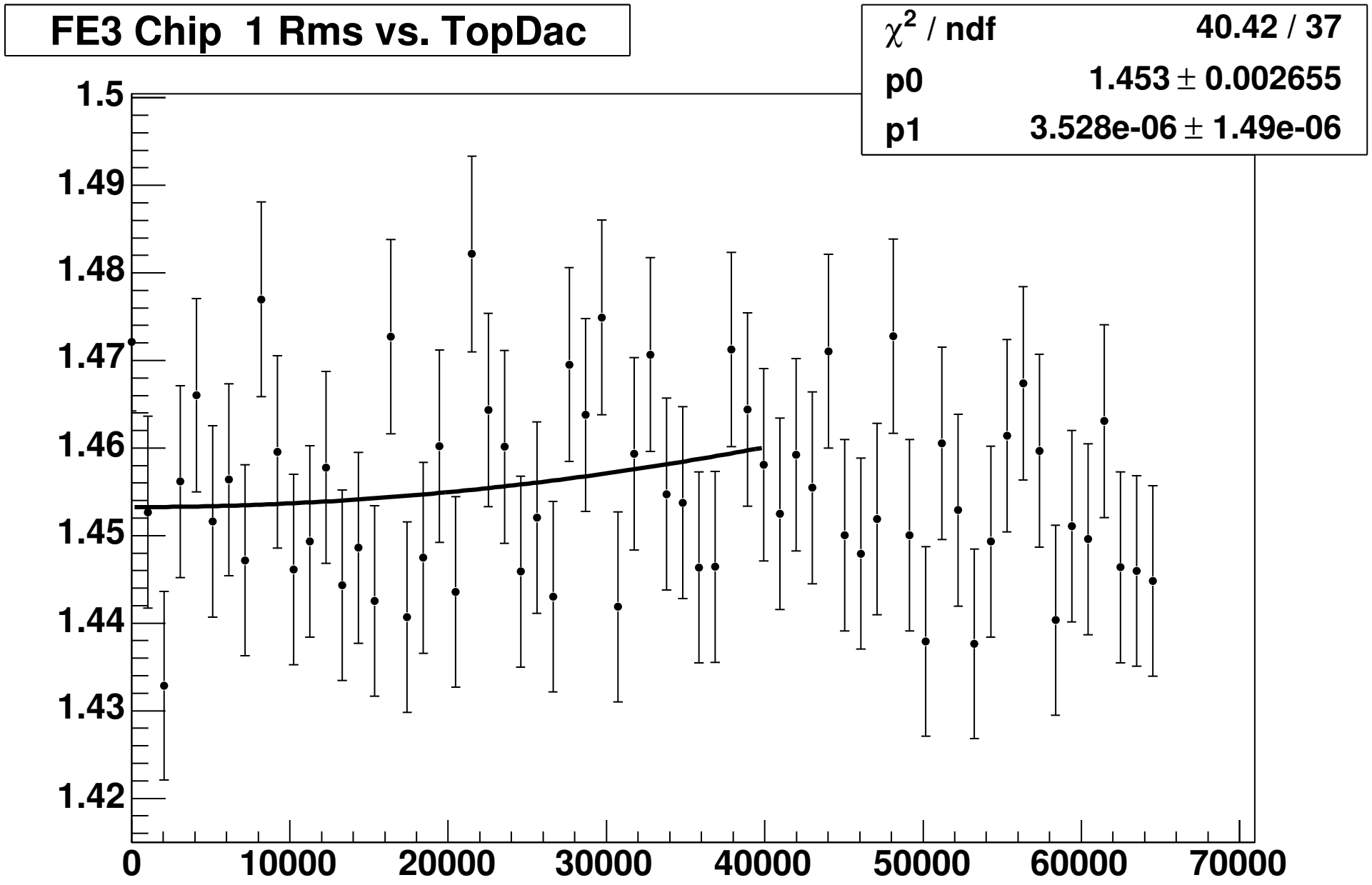
FE3 Chip 1 Rms vs. TopDac
χ² / ndf 40.42 / 37
p0 1.453 ± 0.002655
p1 3.528e-06 ± 1.49e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
10000
20000
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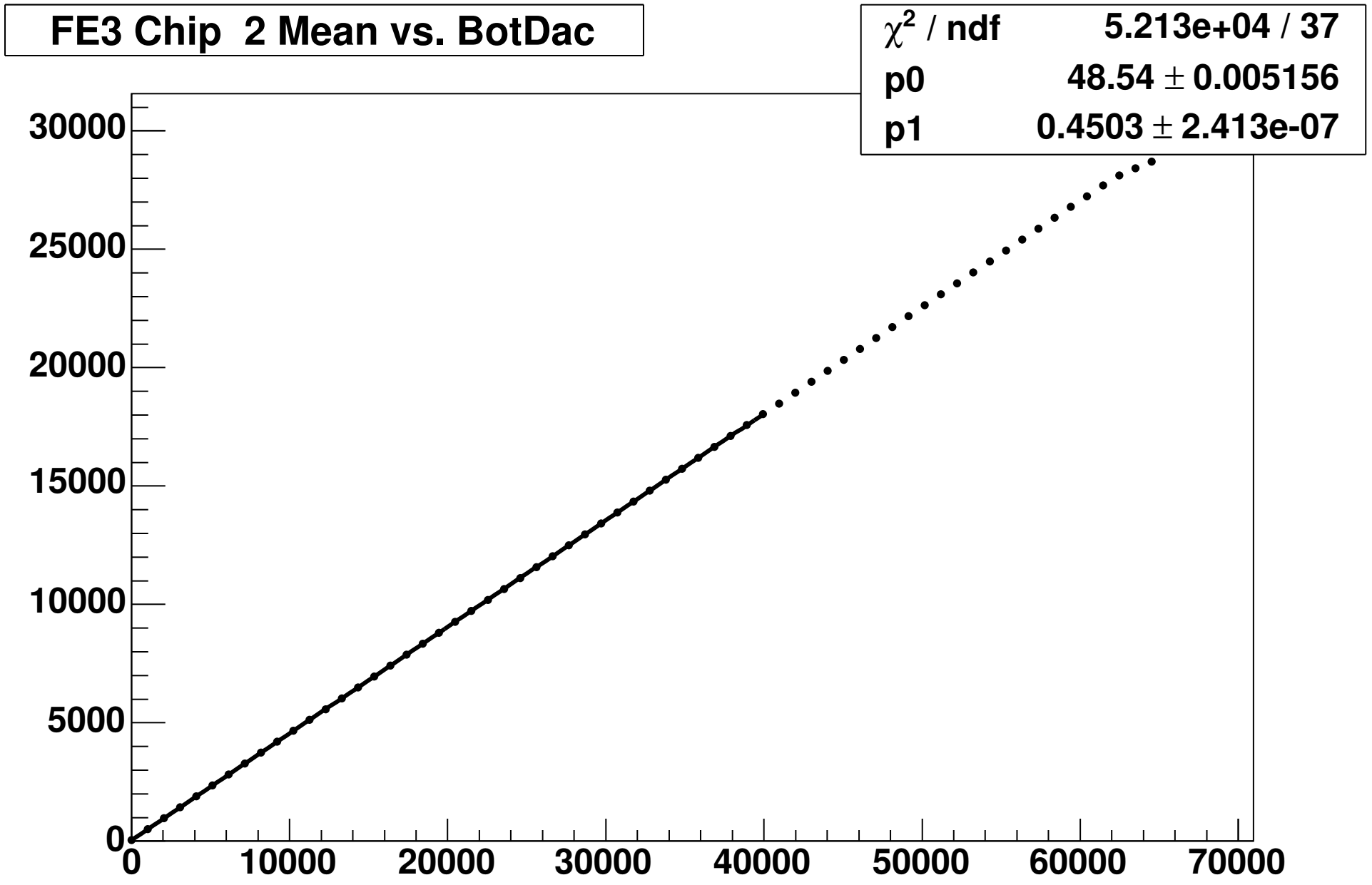
FE3 Chip 2 Mean vs. BotDac
χ² / ndf 5.213e+04 / 37
p0 48.54 ± 0.005156
p1 0.4503 ± 2.413e-07
30000
25000
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15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
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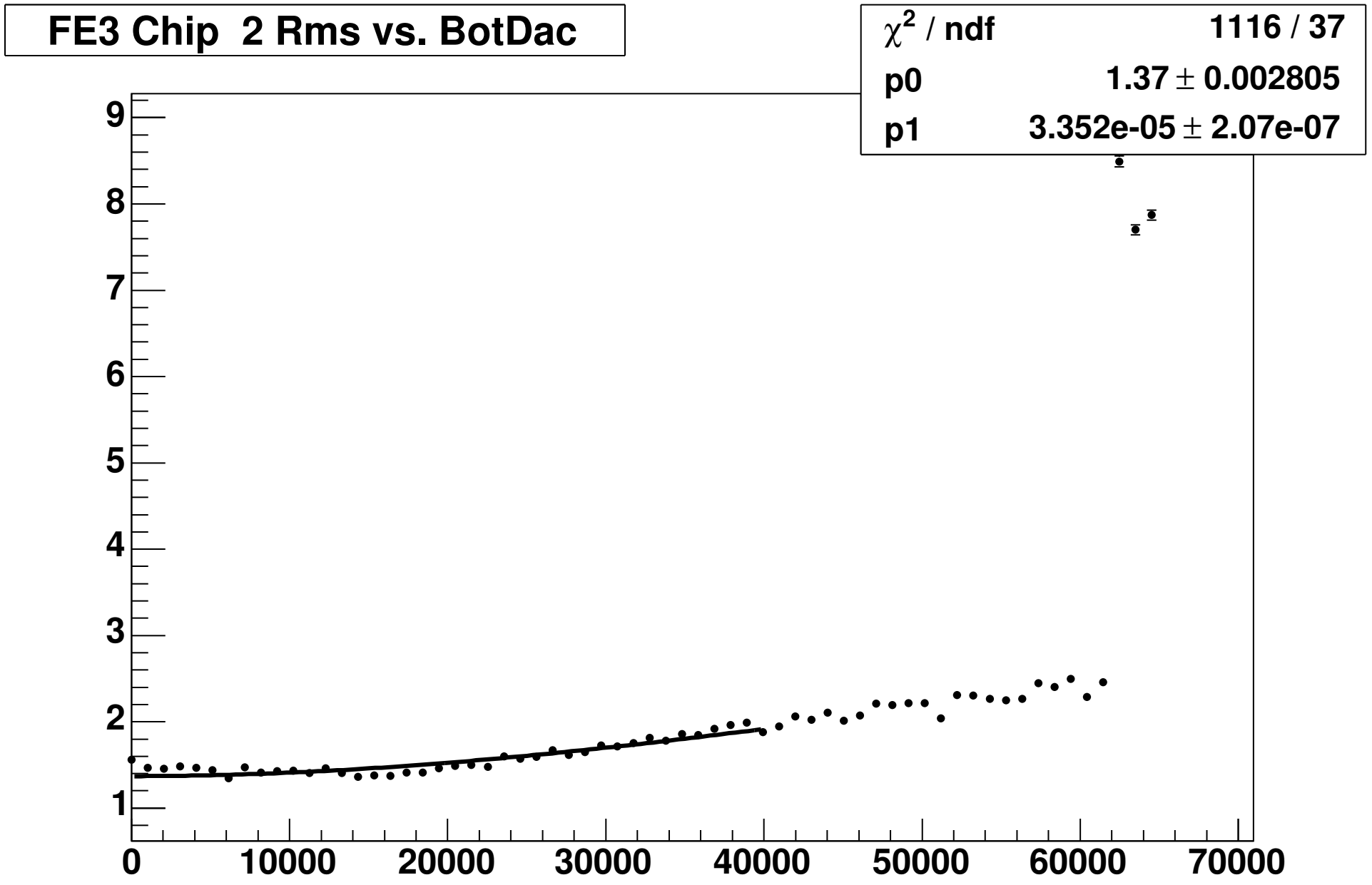
FE3 Chip 2 Rms vs. BotDac
χ² / ndf 1116 / 37
p0 1.37 ± 0.002805
p1 3.352e-05 ± 2.07e-07
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8
7
6
5
4
3
2
1
0
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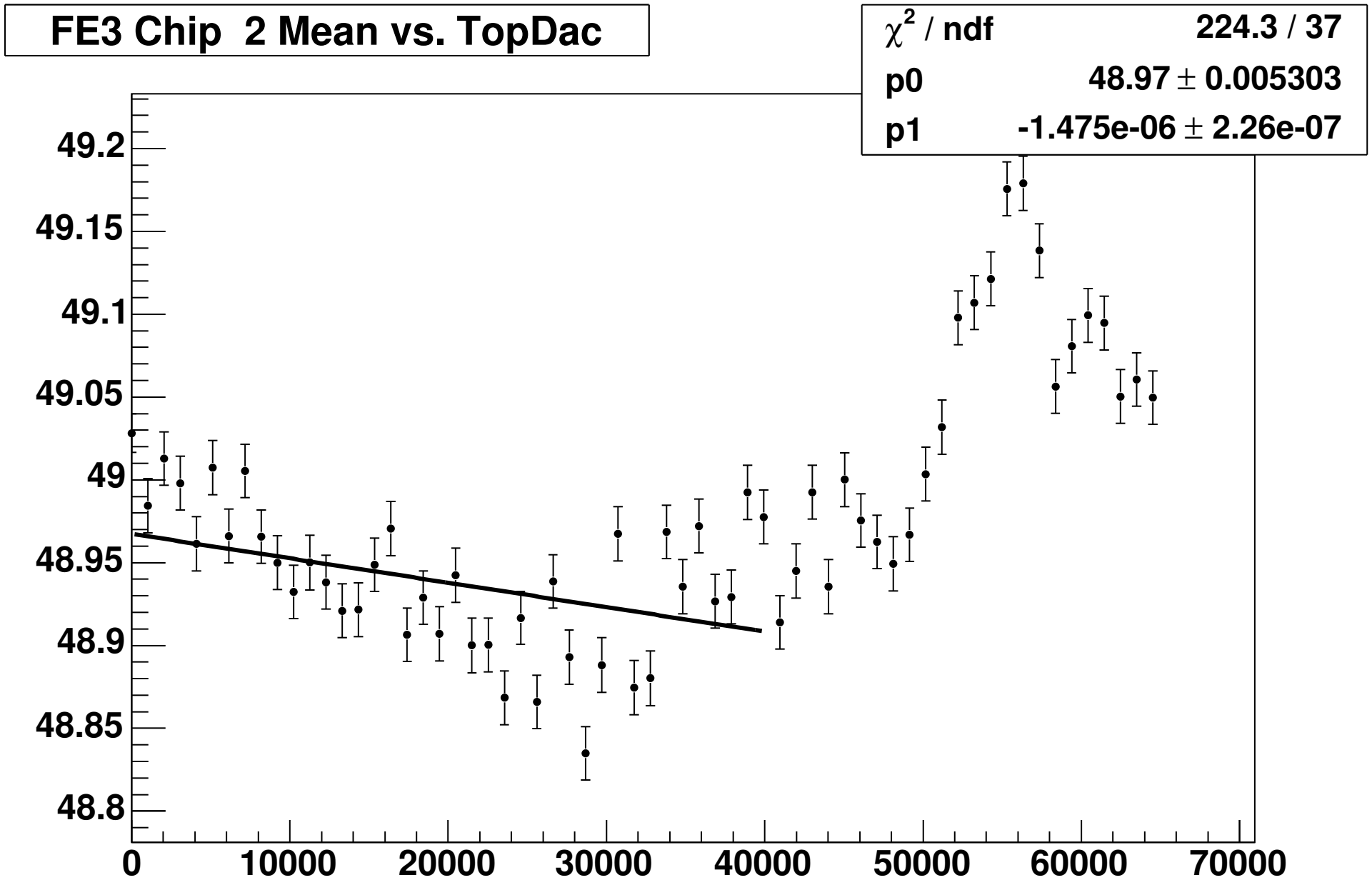
20000
30000
40000
50000
60000
70000


FE3 Chip 2 Mean vs. TopDac
χ² / ndf 224.3 / 37
p0 48.97 ± 0.005303
p1 -1.475e-06 ± 2.26e-07
49.2
49.15
49.1
49.05
49
48.95
48.9
48.85
48.8
0
10000
20000
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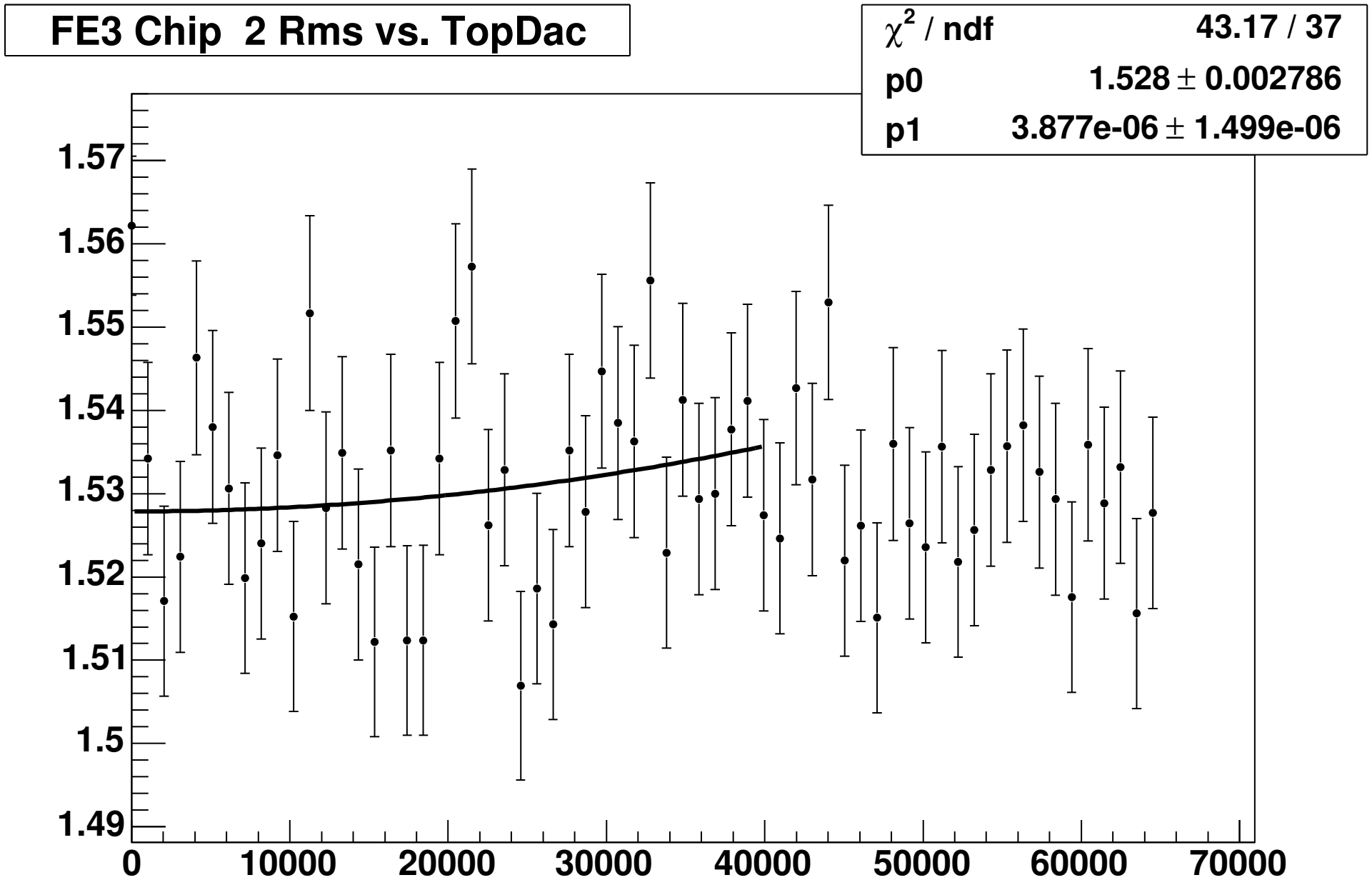
FE3 Chip 2 Rms vs. TopDac
χ² / ndf 43.17 / 37
p0 1.528 ± 0.002786
p1 3.877e-06 ± 1.499e-06
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
0
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20000
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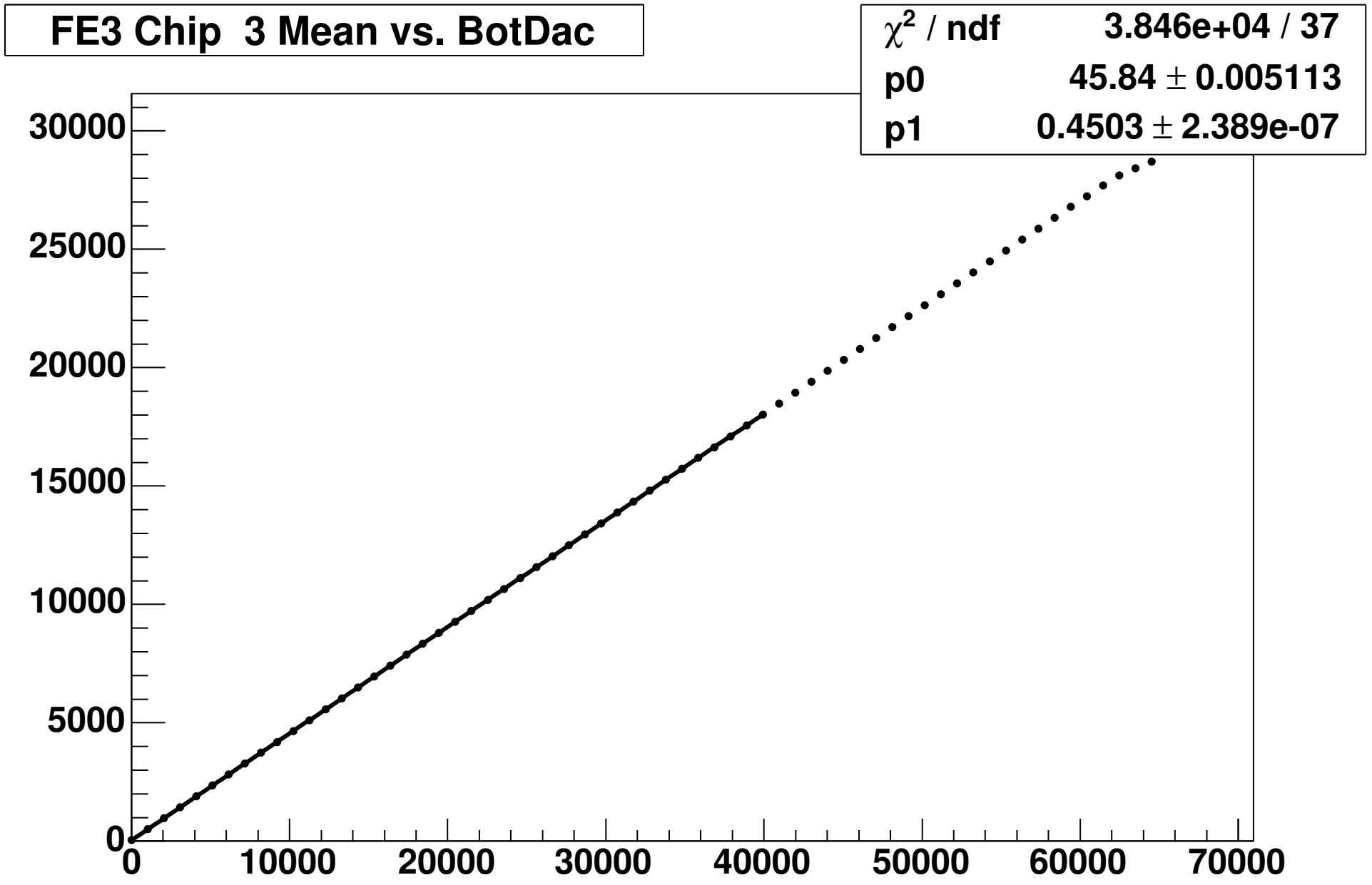
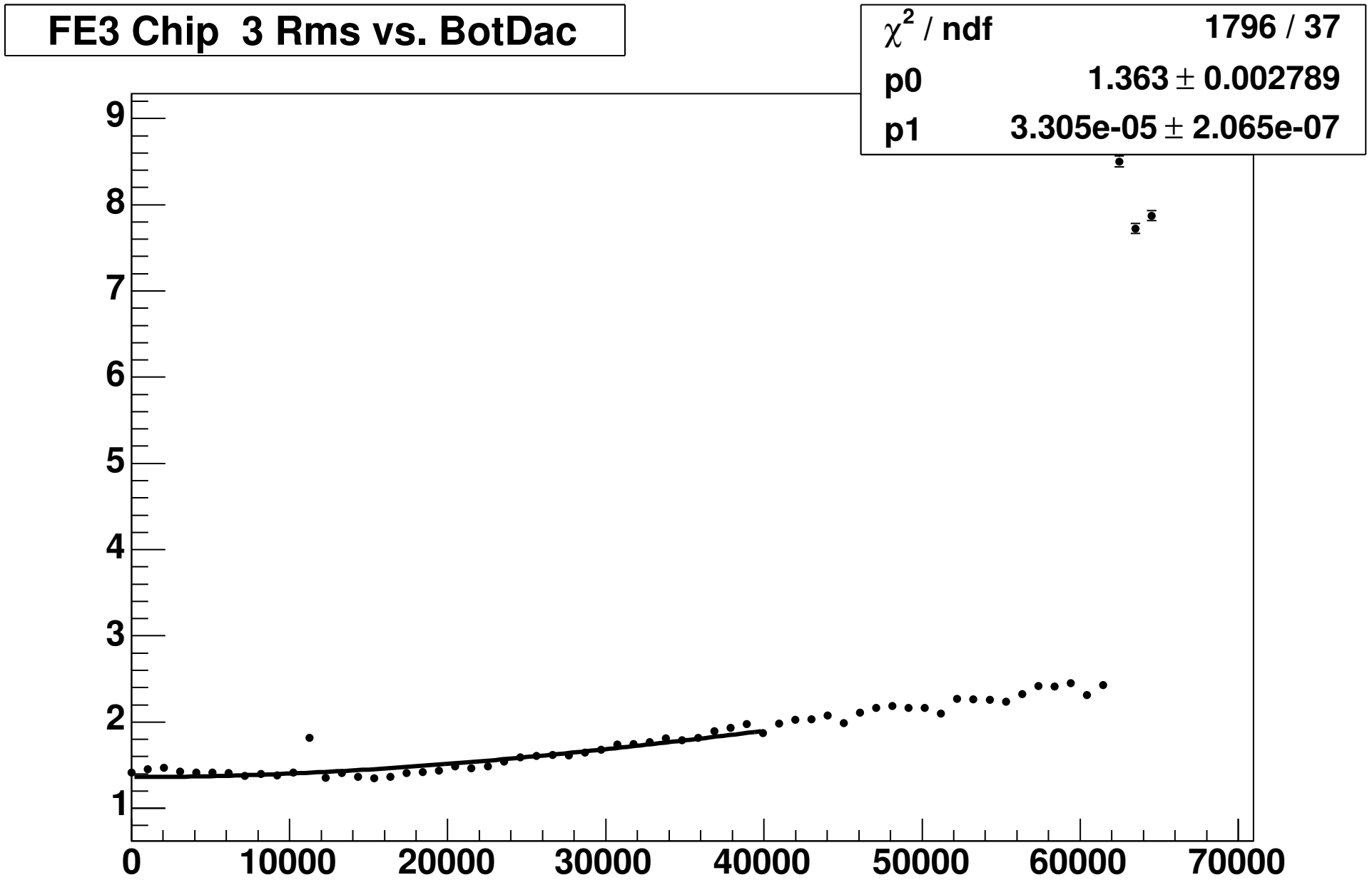

FE3 Chip 3 Mean vs. BotDac
χ² / ndf 3.846e+04 / 37
p0 45.84 ± 0.005113
p1 0.4503 ± 2.389e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 3 Rms vs. BotDac
χ² / ndf 1796 / 37
p0 1.363 ± 0.002789
p1 3.305e-05 ± 2.065e-07
9
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7
6
5
4
3
2
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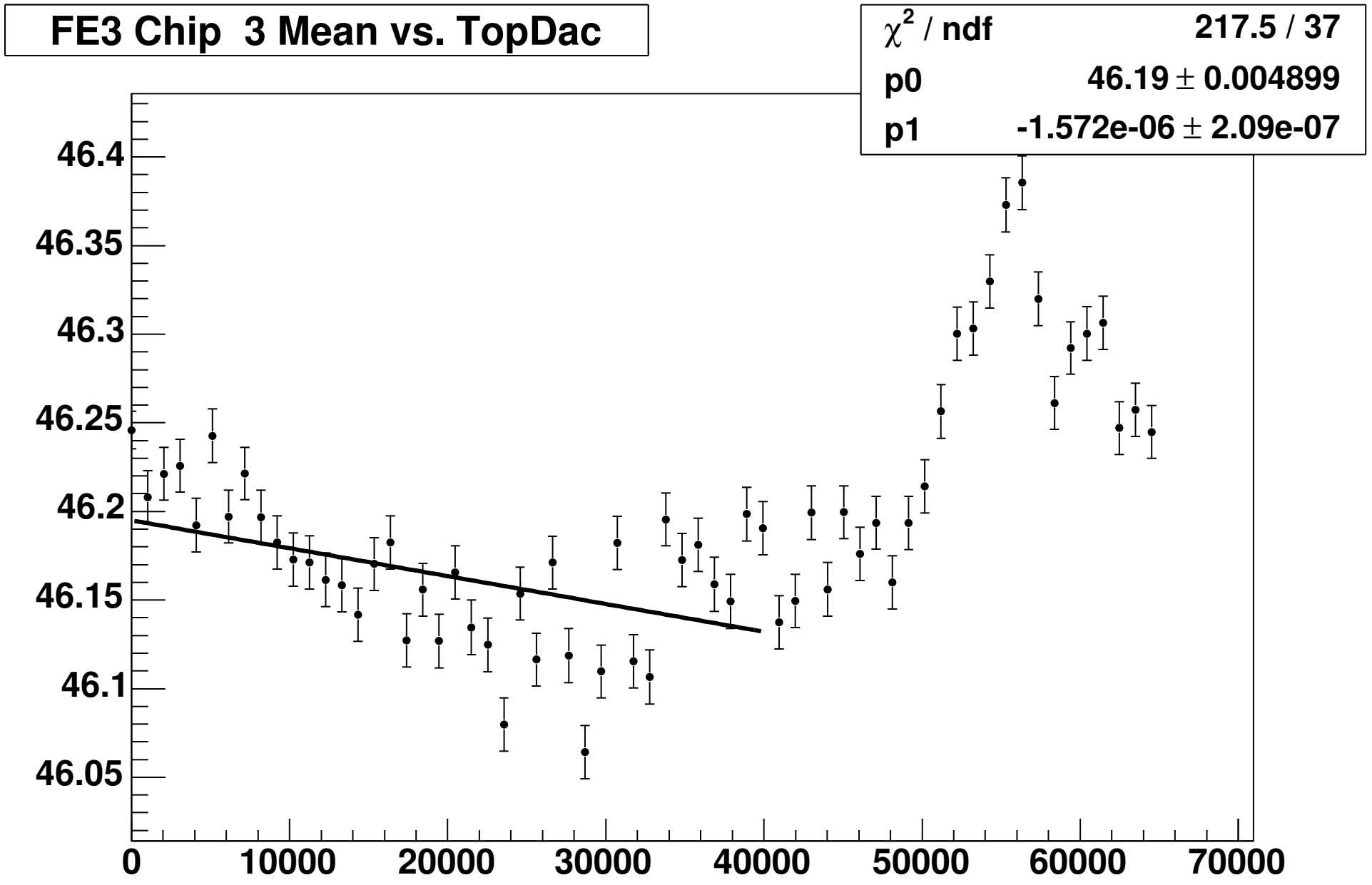
FE3 Chip 3 Mean vs. TopDac
χ² / ndf 217.5 / 37
p0 46.19 ± 0.004899
p1 -1.572e-06 ± 2.09e-07
46.4
46.35
46.3
46.25
46.2
46.15
46.1
46.05
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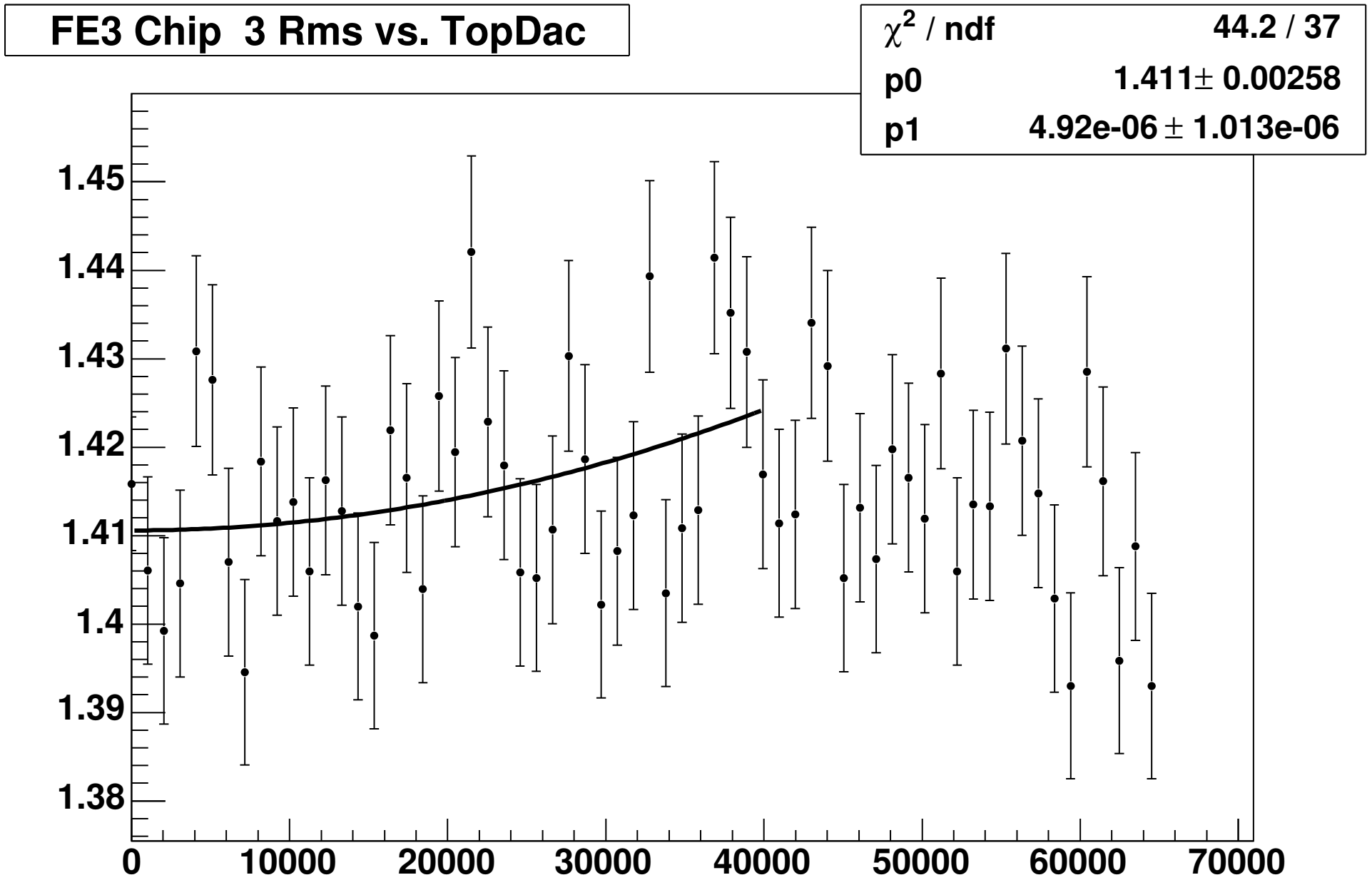
FE3 Chip 3 Rms vs. TopDac
χ² / ndf 44.2 / 37
p0 1.411 ± 0.00258
p1 4.92e-06 ± 1.013e-06
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
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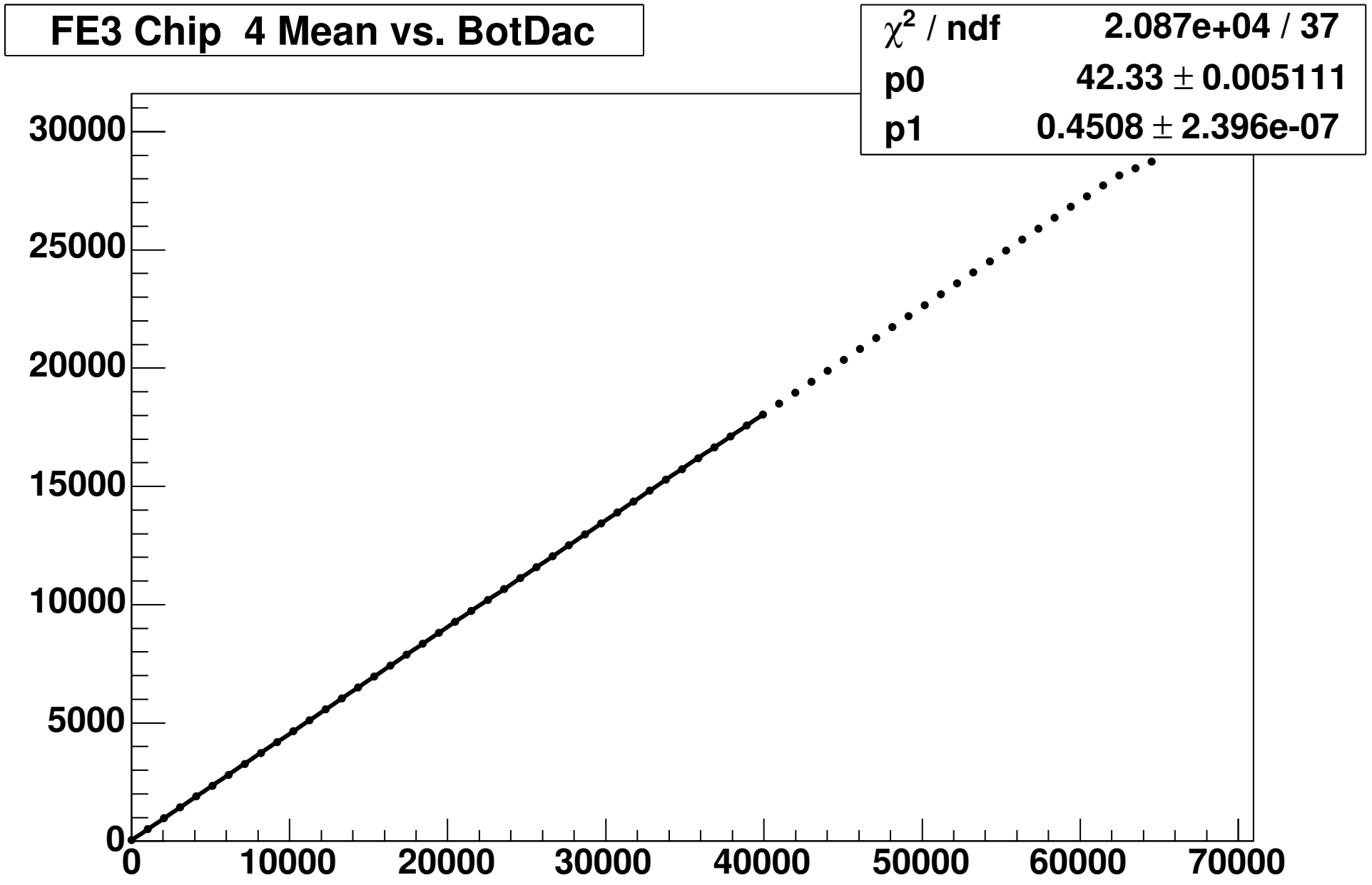
FE3 Chip 4 Mean vs. BotDac
χ² / ndf 2.087e+04 / 37
p0 42.33 ± 0.005111
p1 0.4508 ± 2.396e-07
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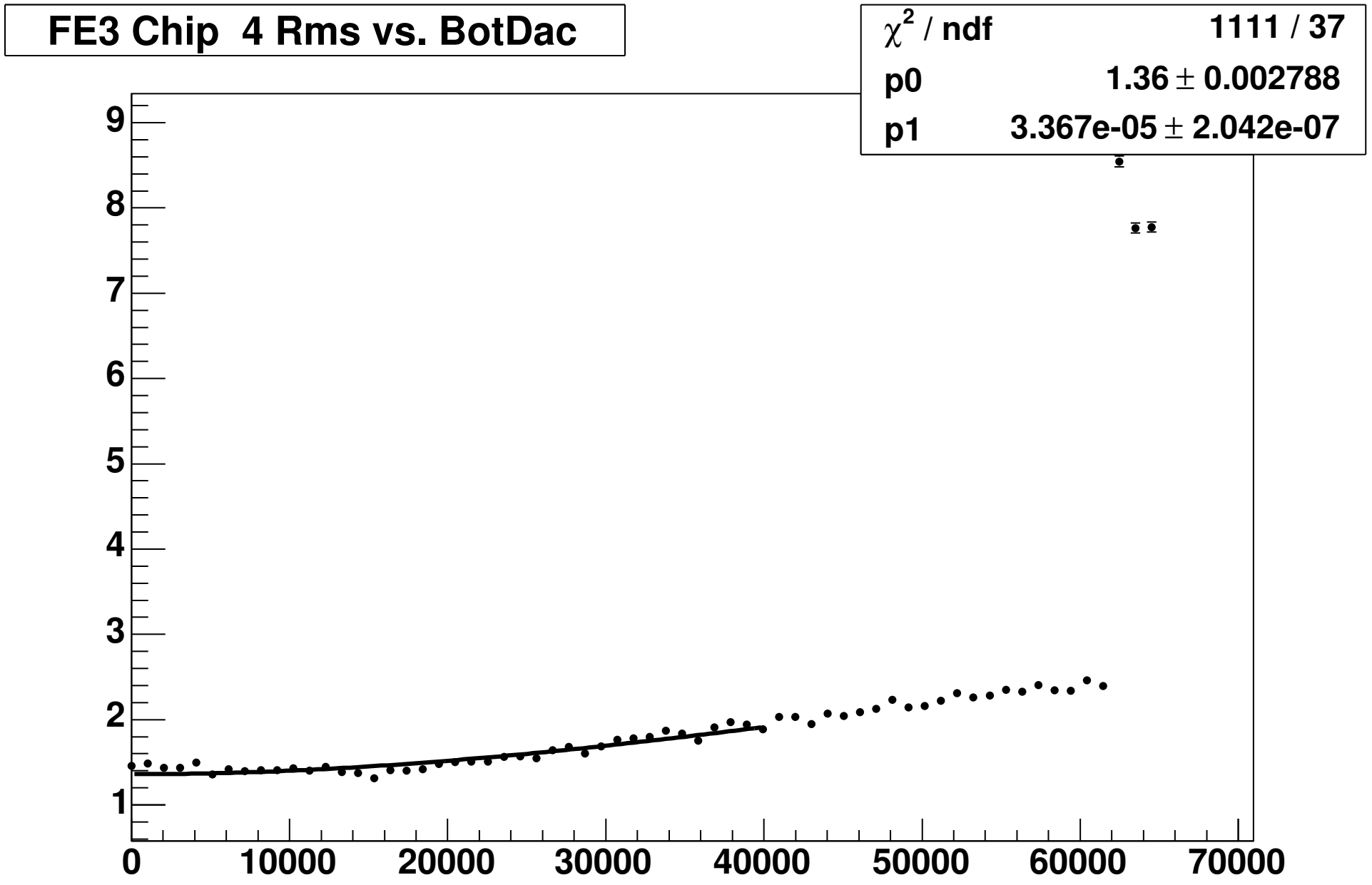
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 4 Rms vs. BotDac
χ² / ndf 1111 / 37
p0 1.36 ± 0.002788
p1 3.367e-05 ± 2.042e-07
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6
5
4
3
2
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0
10000
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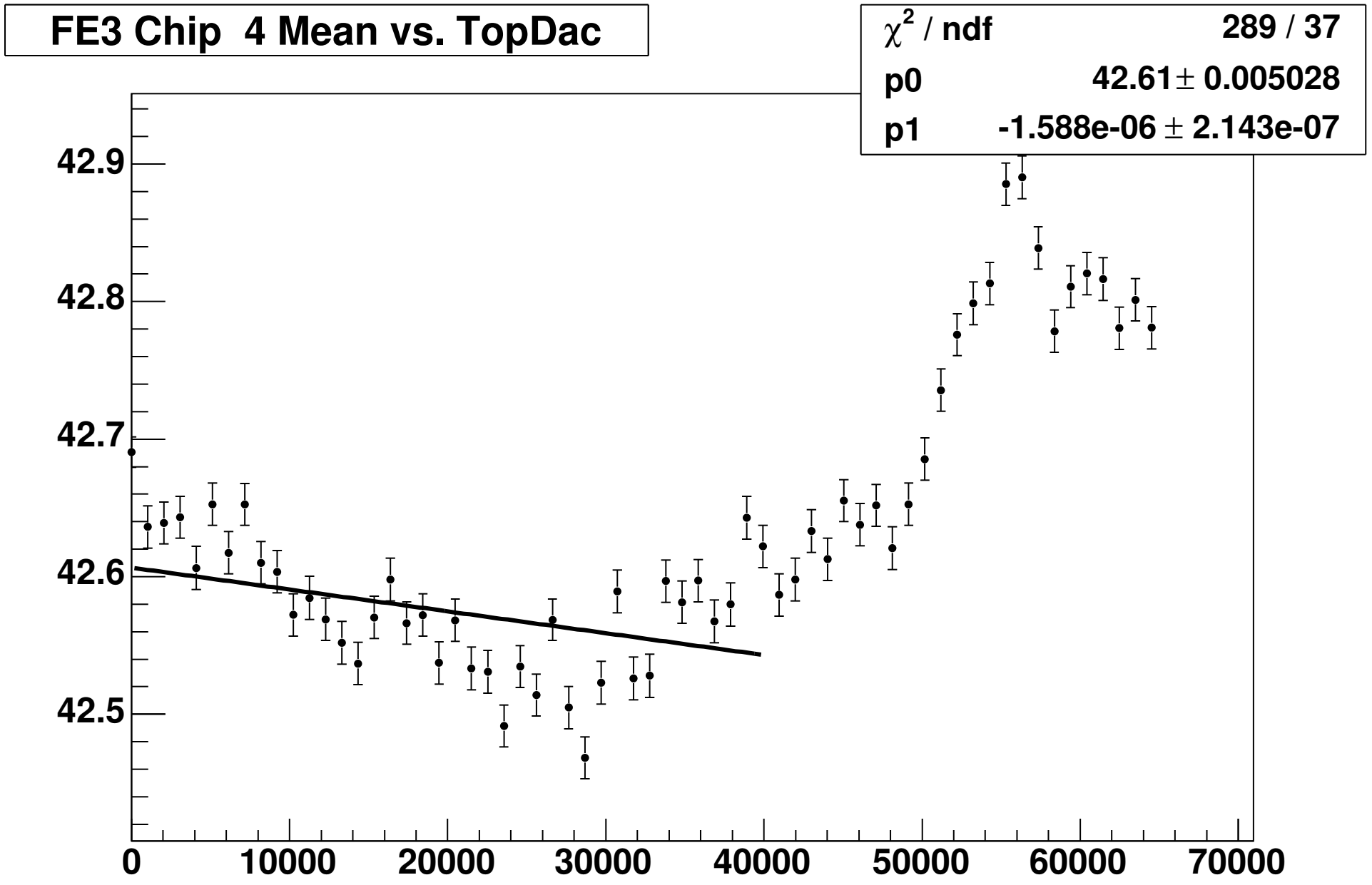
FE3 Chip 4 Mean vs. TopDac
χ² / ndf 289 / 37
p0 42.61 ± 0.005028
p1 -1.588e-06 ± 2.143e-07
42.9
42.8
42.7
42.6
42.5
0
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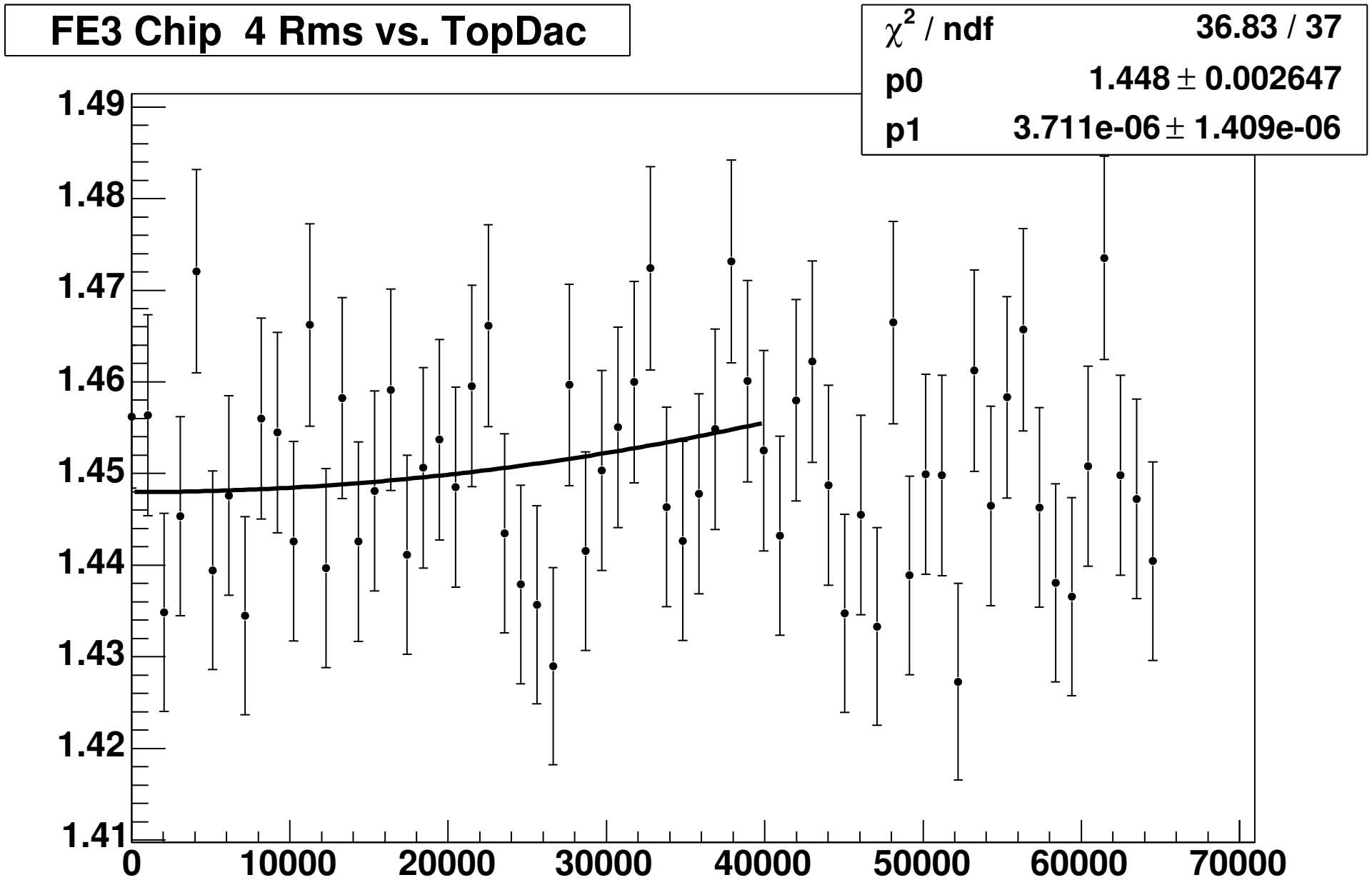
FE3 Chip 4 Rms vs. TopDac
χ² / ndf 36.83 / 37
p0 1.448 ± 0.002647
p1 3.711e-06 ± 1.409e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
20000
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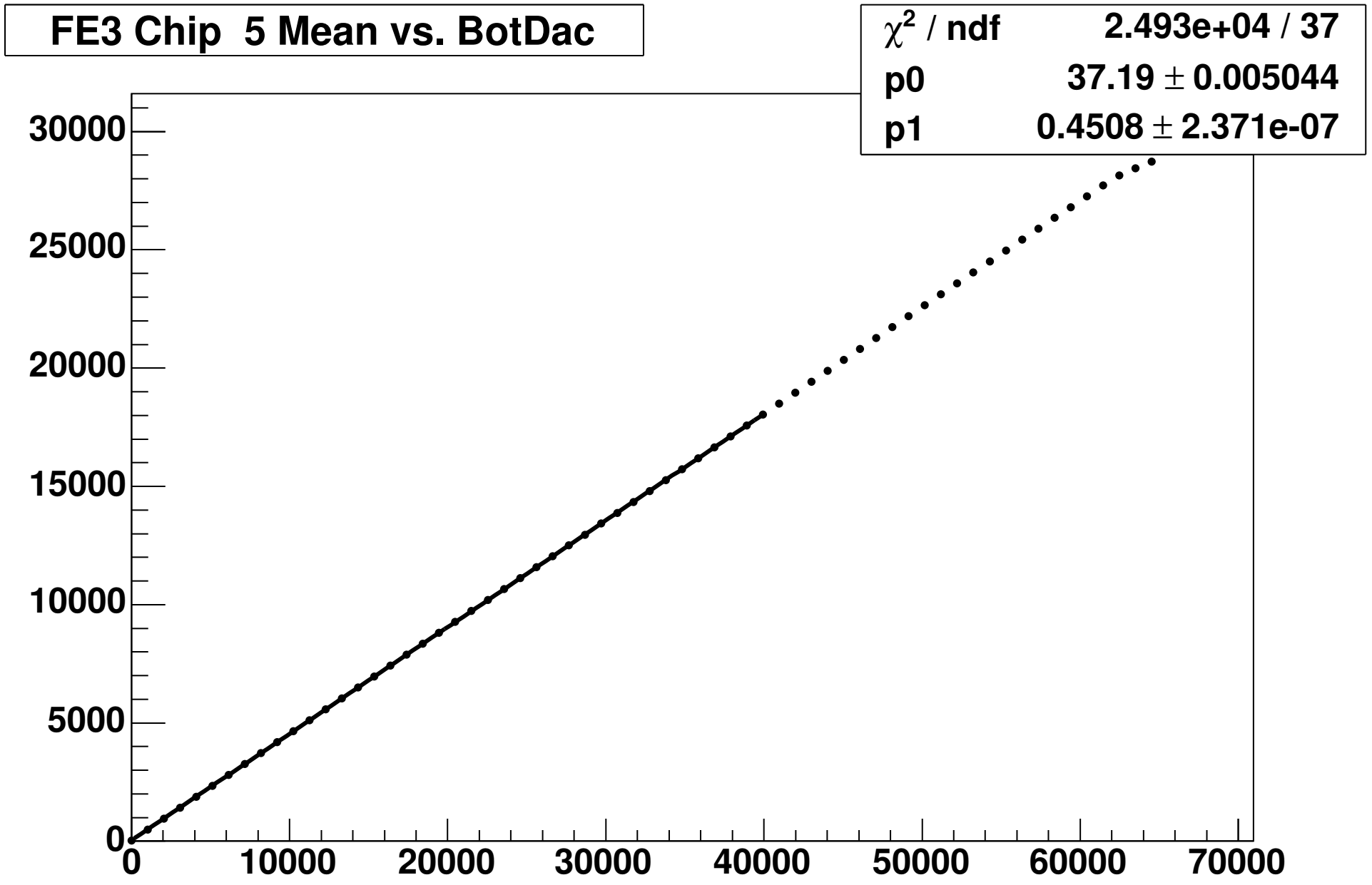
FE3 Chip 5 Mean vs. BotDac
χ² / ndf 2.493e+04 / 37
p0 37.19 ± 0.005044
p1 0.4508 ± 2.371e-07
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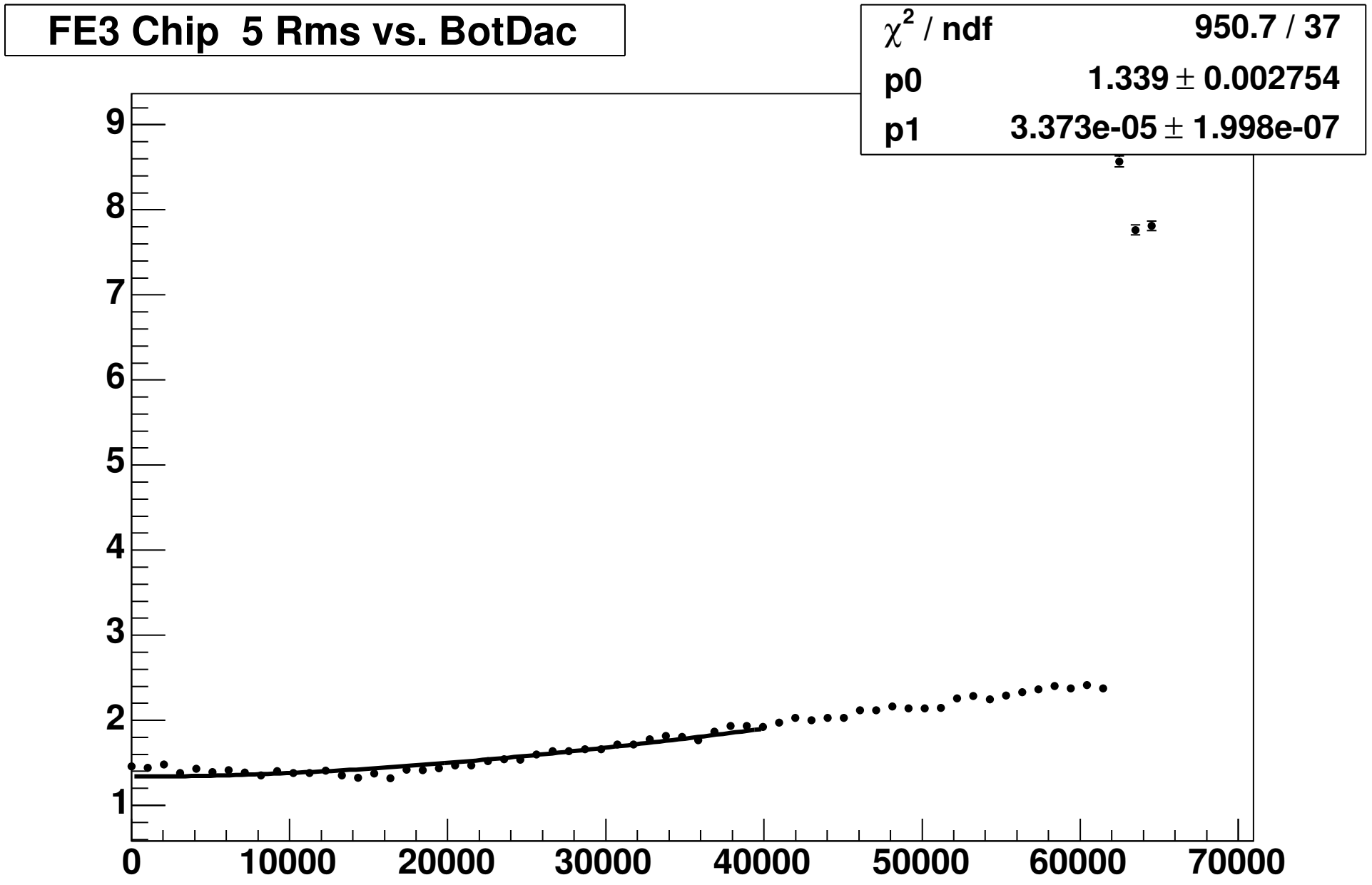
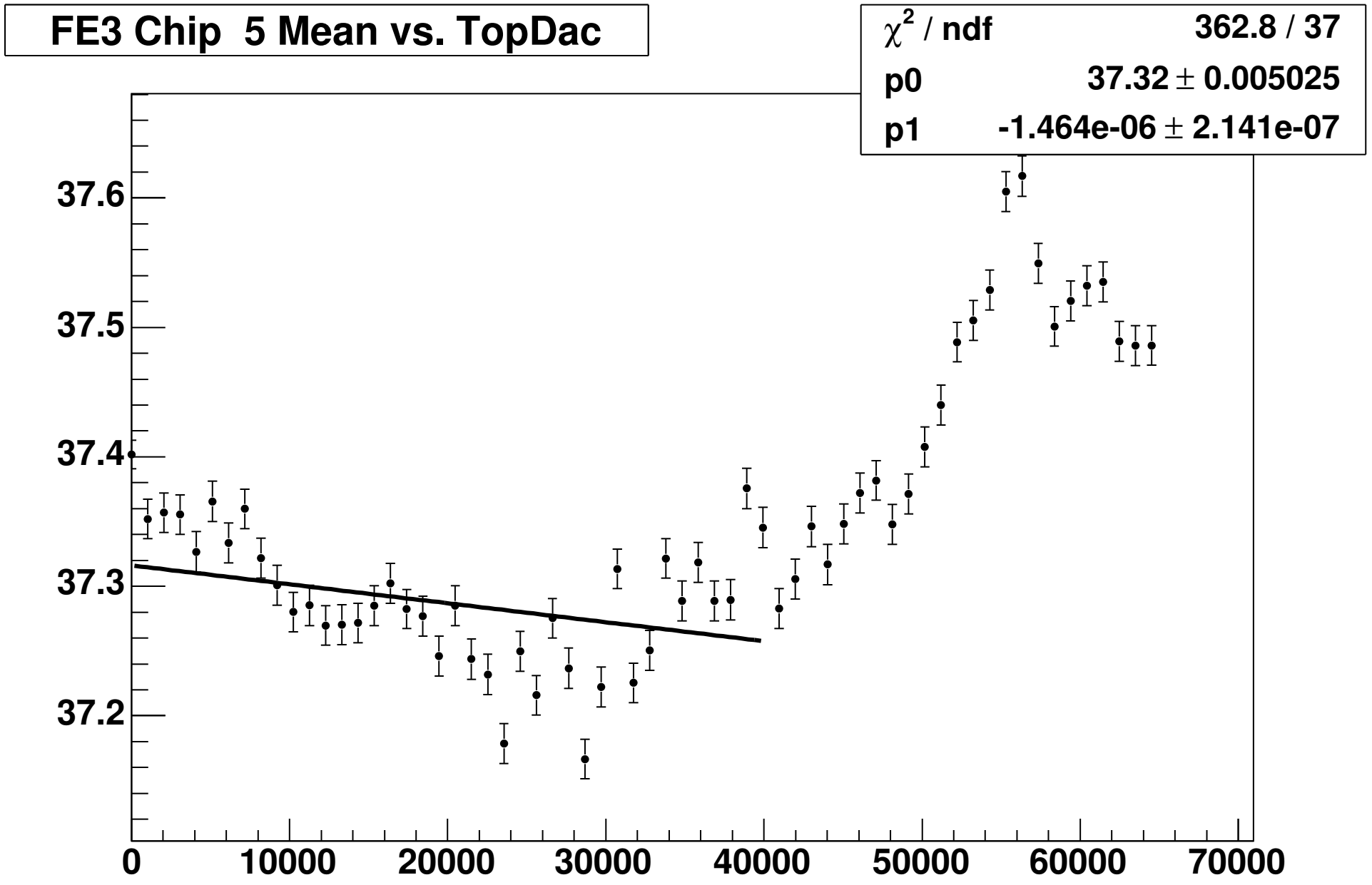
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 5 Rms vs. BotDac
χ² / ndf 950.7 / 37
p0 1.339 ± 0.002754
p1 3.373e-05 ± 1.998e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 5 Mean vs. TopDac
χ² / ndf 362.8 / 37
p0 37.32 ± 0.005025
p1 -1.464e-06 ± 2.141e-07
37.6
37.5
37.4
37.3
37.2
0
10000
20000
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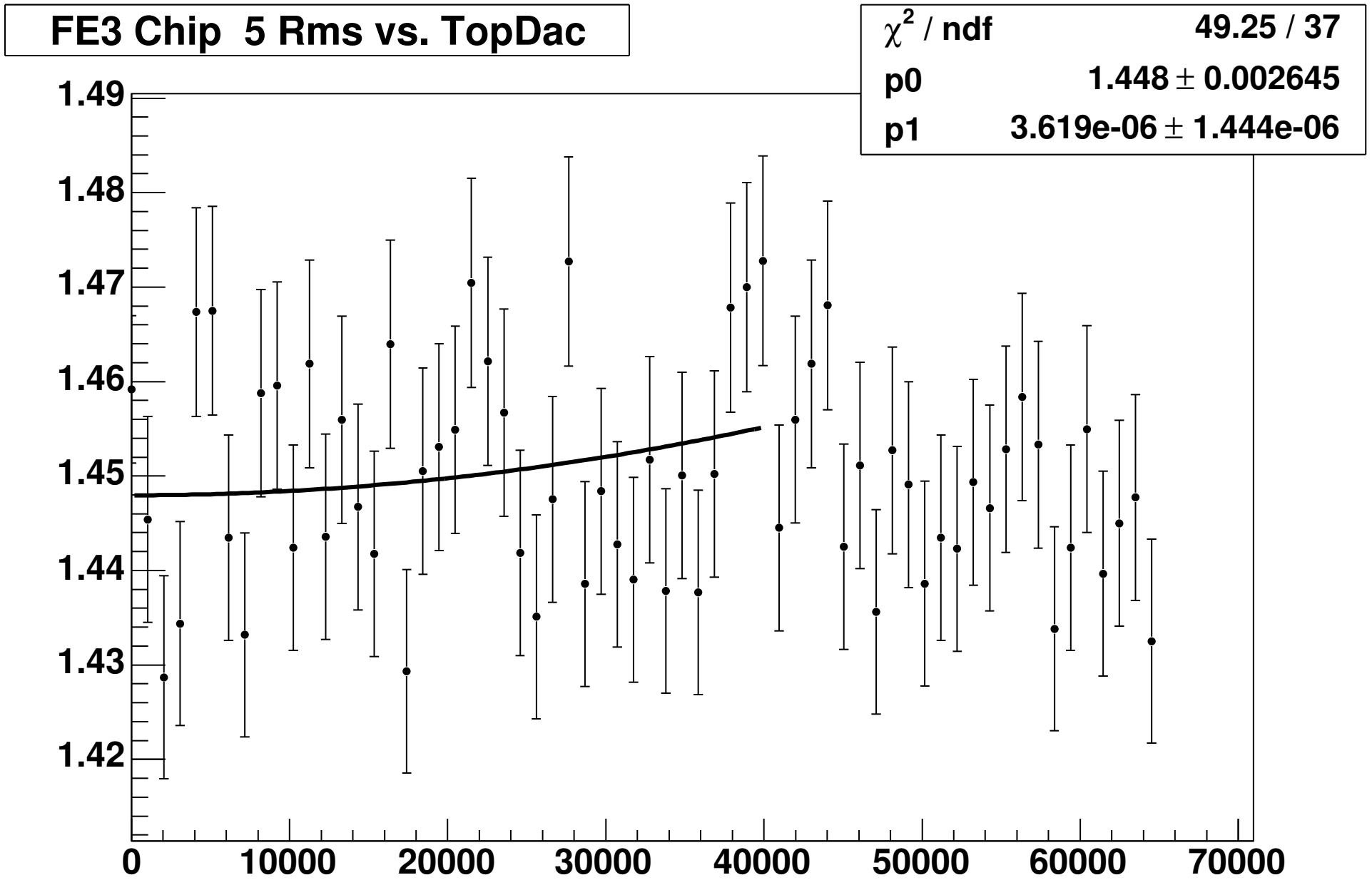
FE3 Chip 5 Rms vs. TopDac
χ² / ndf 49.25 / 37
p0 1.448 ± 0.002645
p1 3.619e-06 ± 1.444e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
10000
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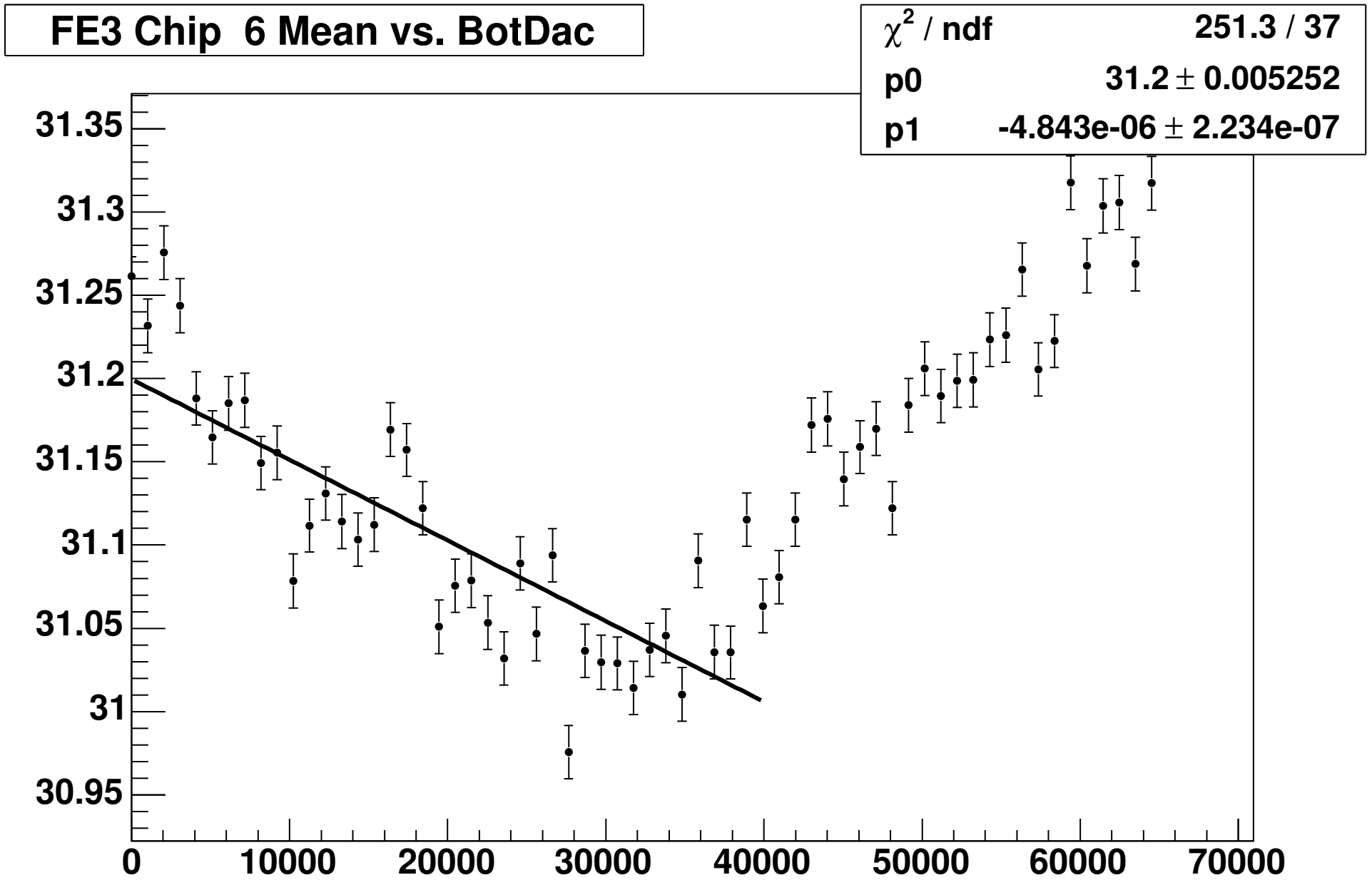
FE3 Chip 6 Mean vs. BotDac
χ² / ndf 251.3 / 37
p0 31.2 ± 0.005252
p1 -4.843e-06 ± 2.234e-07
31.35
31.3
31.25
31.2
31.15
31.1
31.05
31
30.95
0
10000
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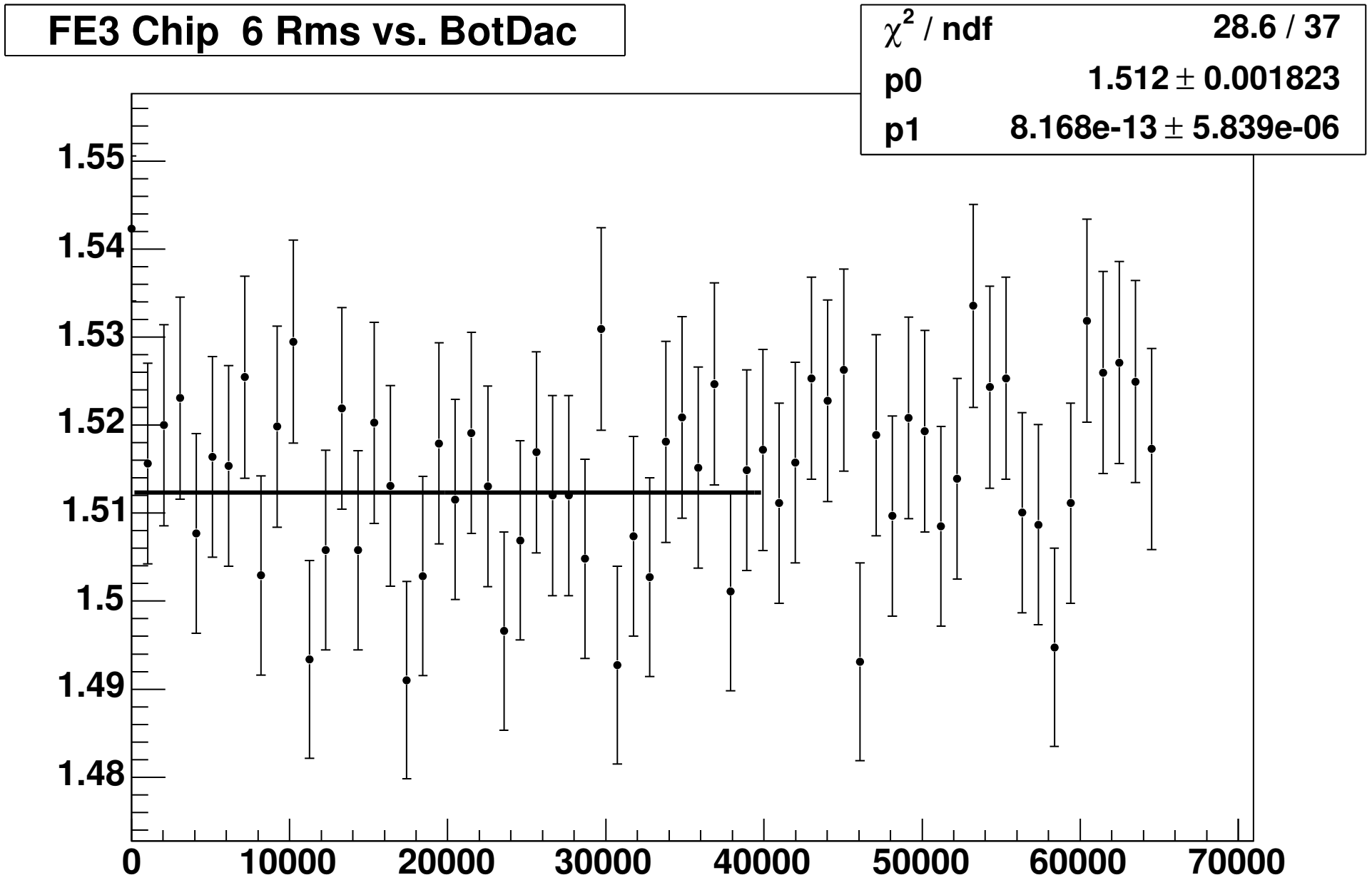
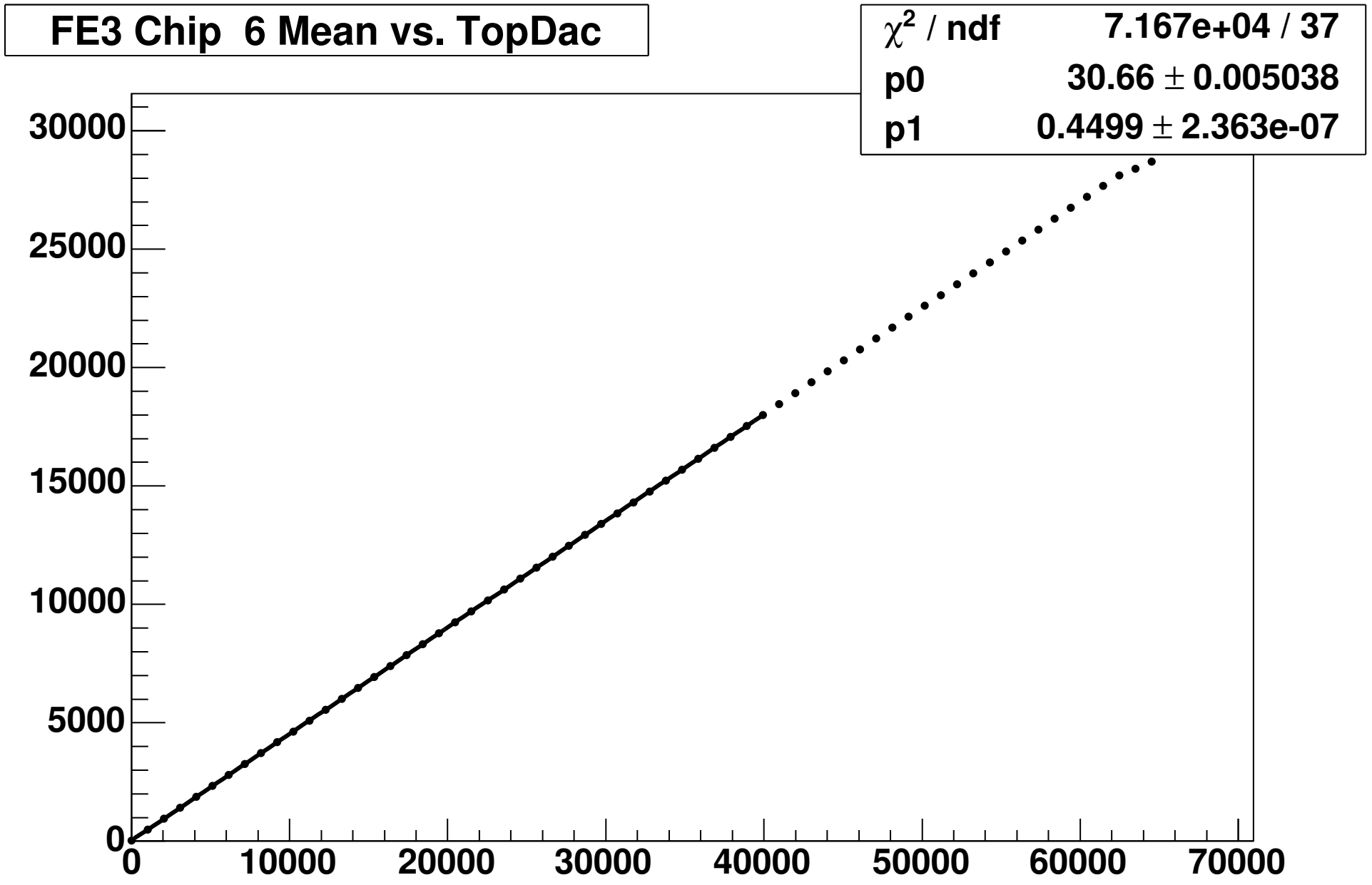
30000
40000
50000
60000
70000


FE3 Chip 6 Rms vs. BotDac
χ² / ndf 28.6 / 37
p0 1.512 ± 0.001823
p1 8.168e-13 ± 5.839e-06
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 6 Mean vs. TopDac
χ² / ndf 7.167e+04 / 37
p0 30.66 ± 0.005038
p1 0.4499 ± 2.363e-07
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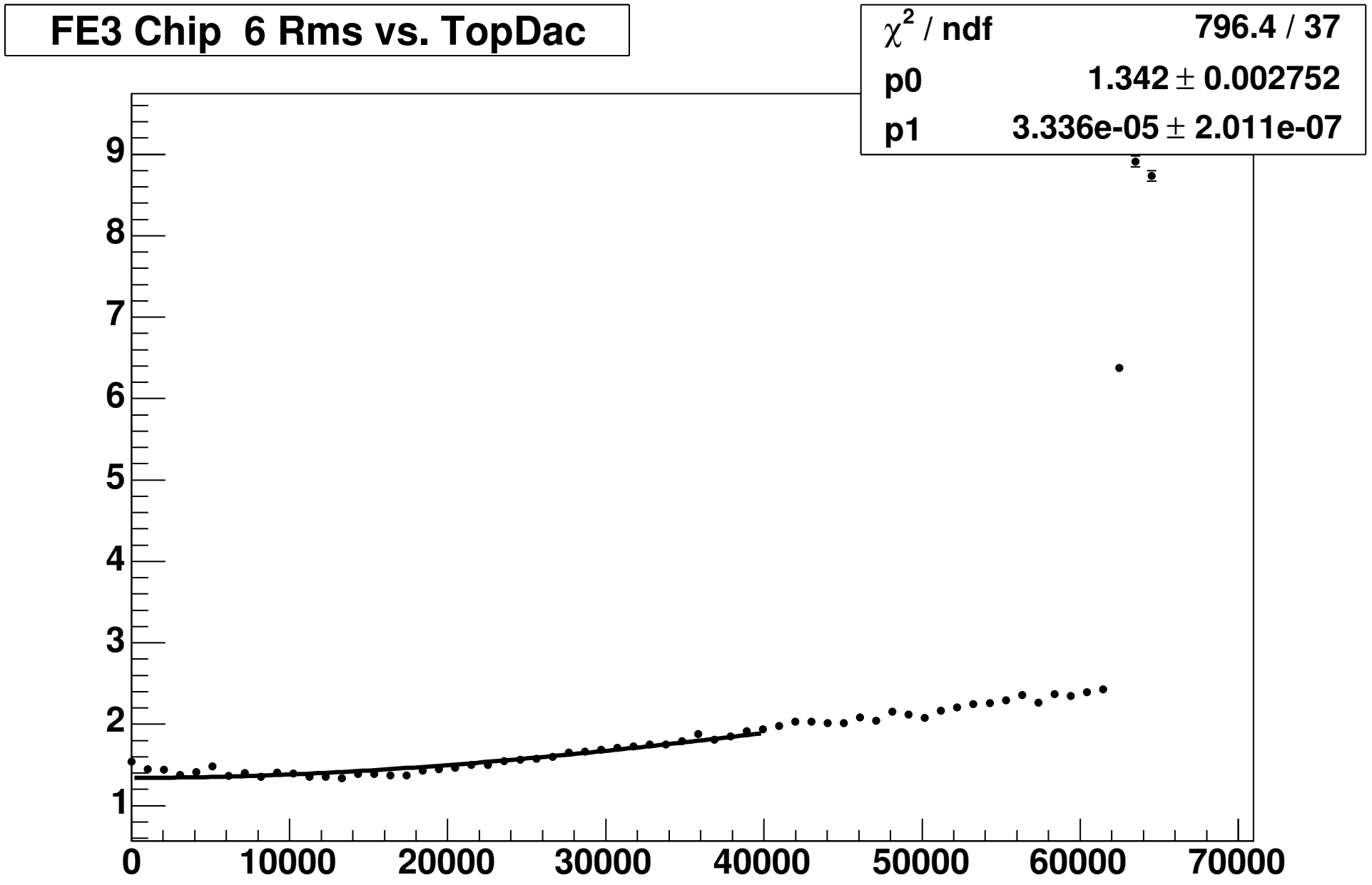
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 6 Rms vs. TopDac
χ² / ndf 796.4 / 37
p0 1.342 ± 0.002752
p1 3.336e-05 ± 2.011e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
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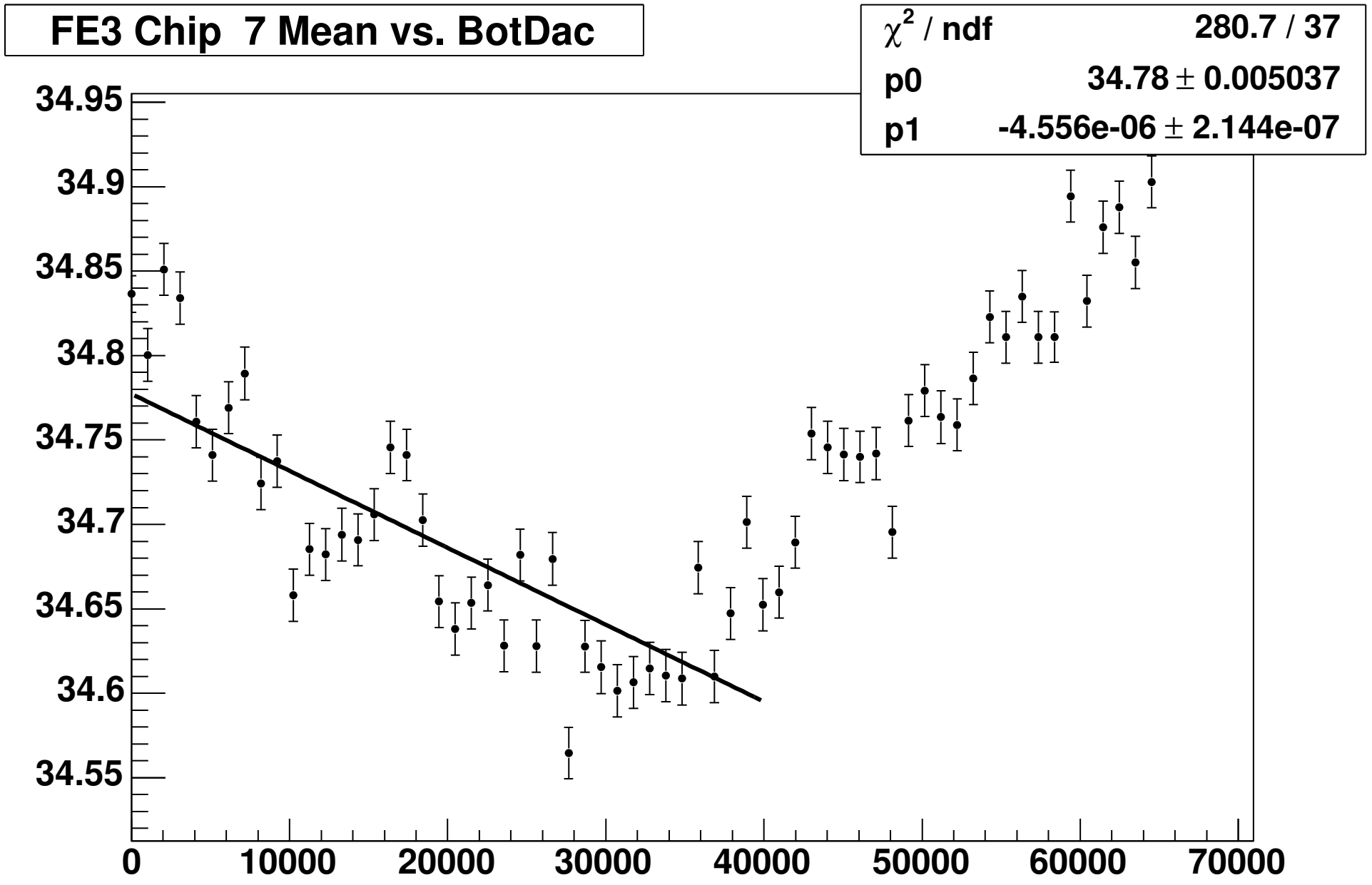
70000


FE3 Chip 7 Mean vs. BotDac
χ² / ndf 280.7 / 37
p0 34.78 ± 0.005037
p1 -4.556e-06 ± 2.144e-07
34.95
34.9
34.85
34.8
34.75
34.7
34.65
34.6
34.55
0
10000
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30000
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50000
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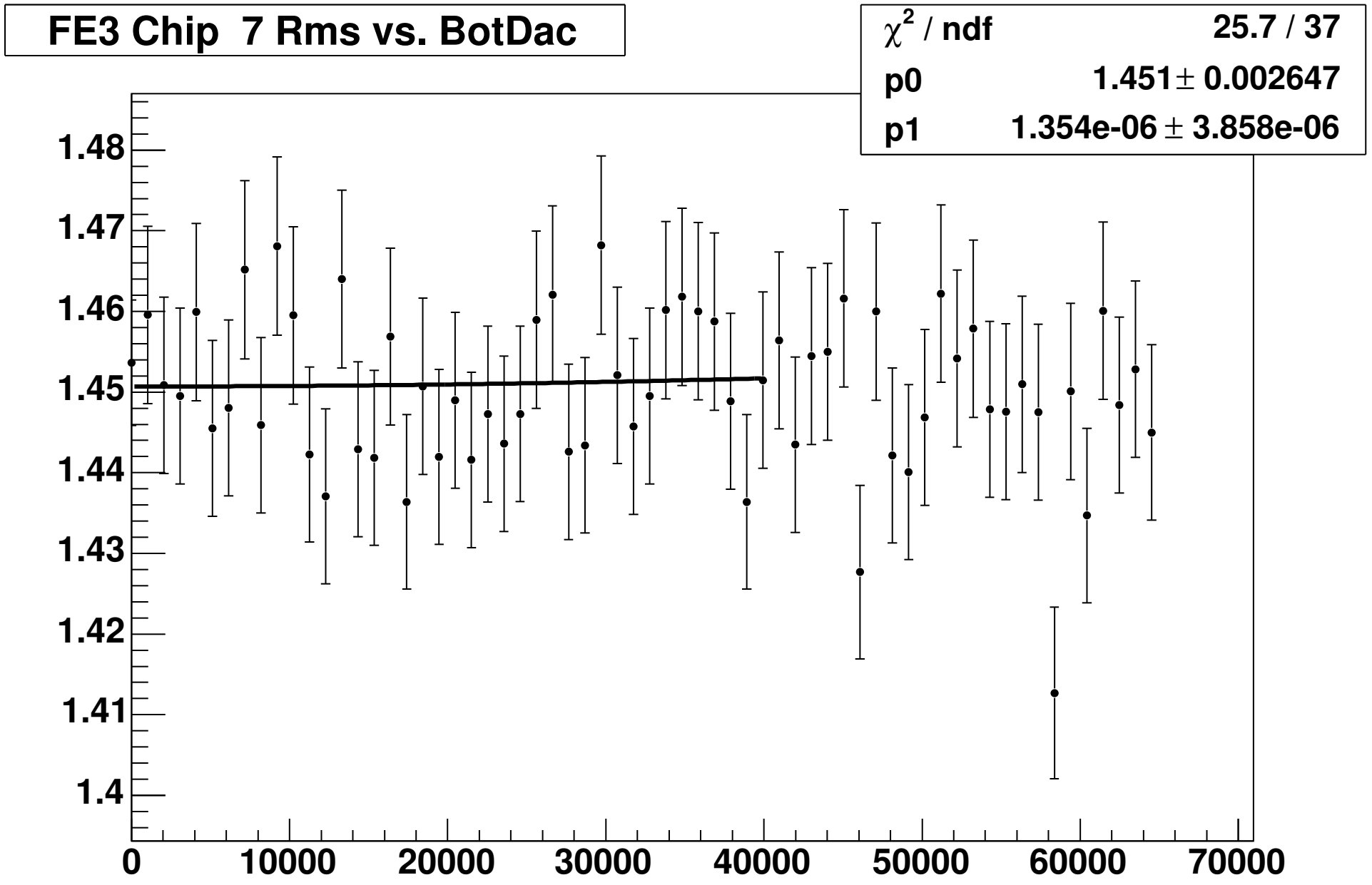
FE3 Chip 7 Rms vs. BotDac
χ² / ndf 25.7 / 37
p0 1.451 ± 0.002647
p1 1.354e-06 ± 3.858e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
0
10000
20000
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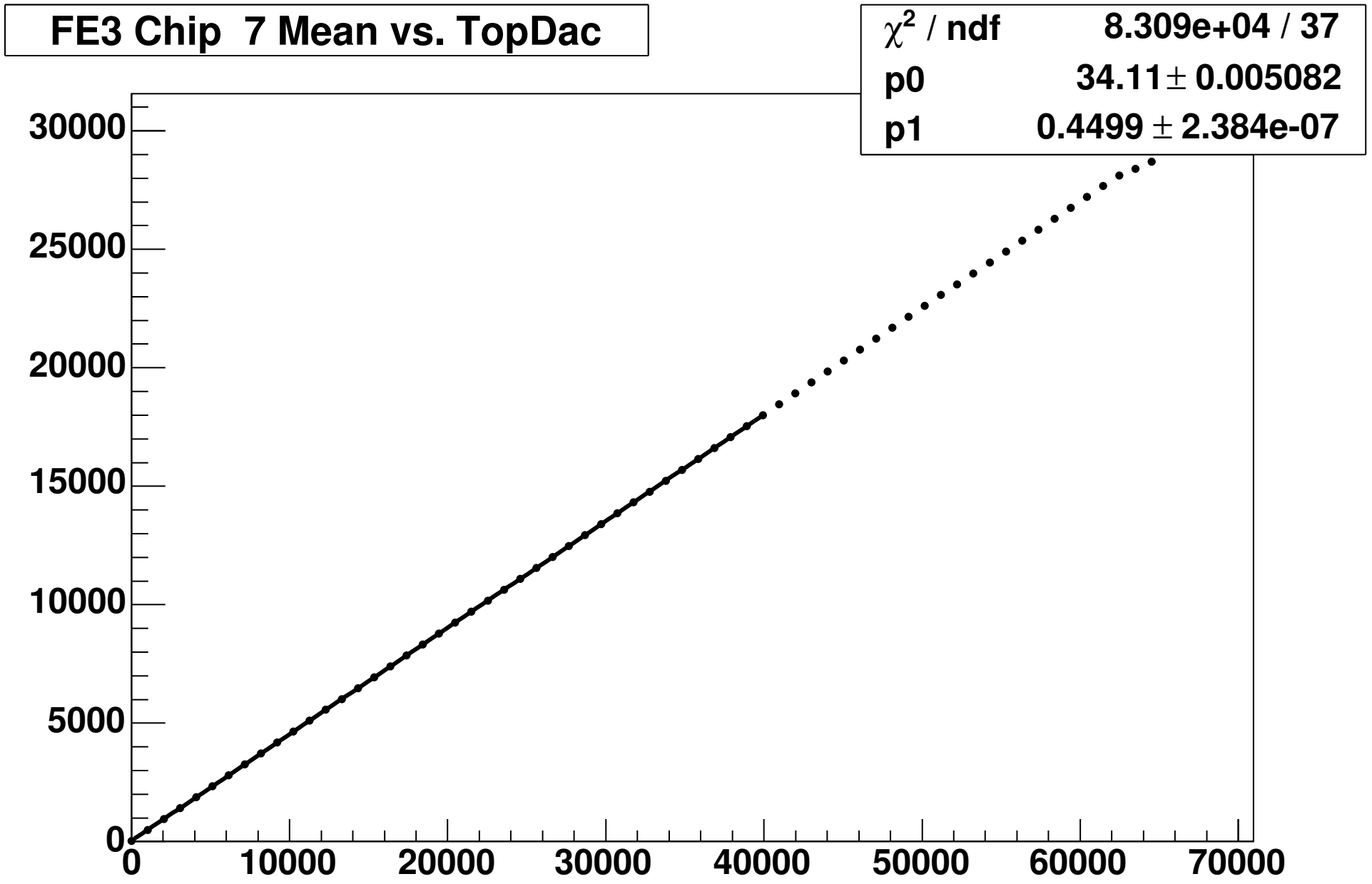
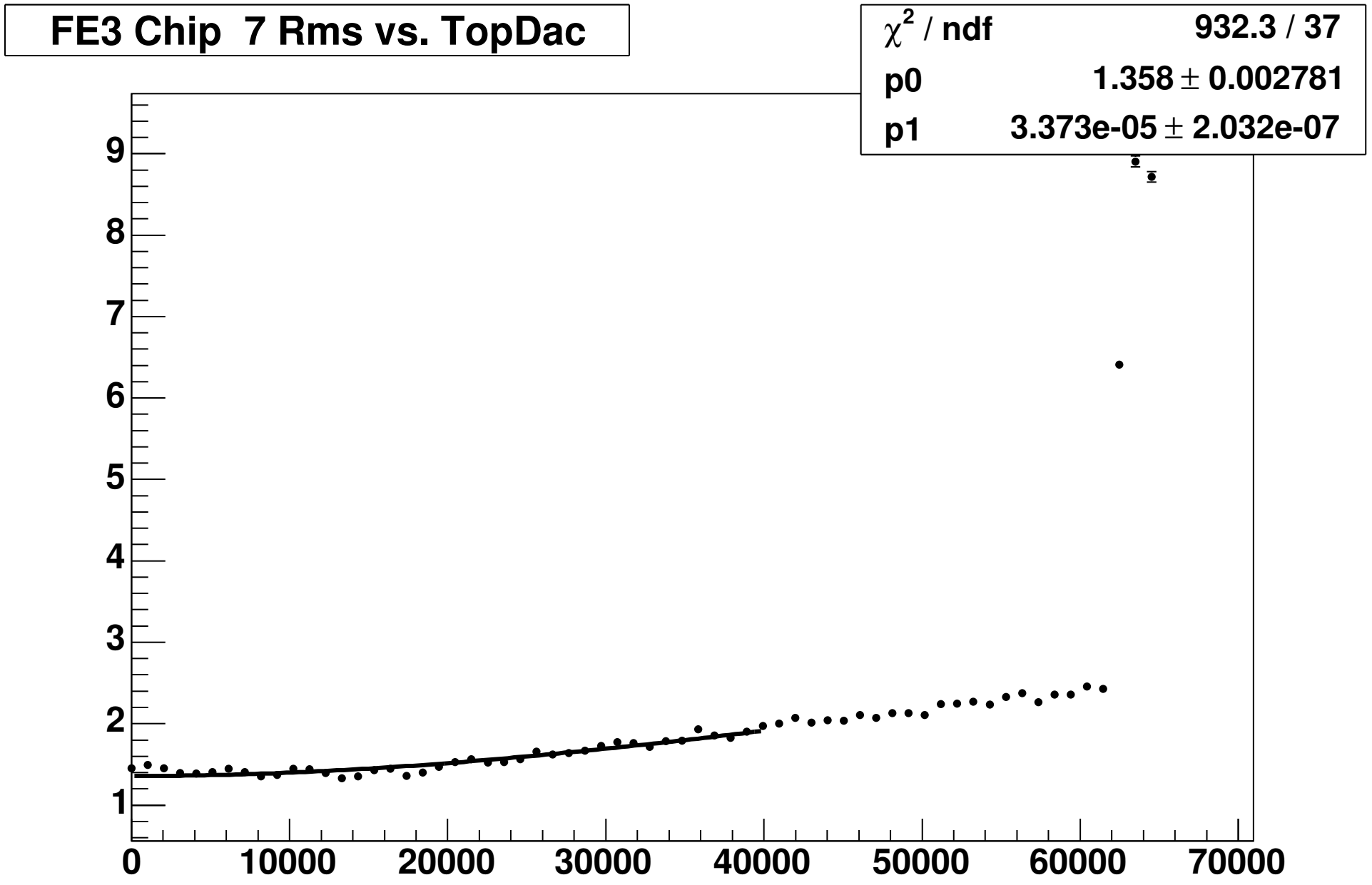

FE3 Chip 7 Mean vs. TopDac
χ² / ndf 8.309e+04 / 37
p0 34.11 ± 0.005082
p1 0.4499 ± 2.384e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 7 Rms vs. TopDac
χ² / ndf 932.3 / 37
p0 1.358 ± 0.002781
p1 3.373e-05 ± 2.032e-07
9
8
7
6
5
4
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2
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0
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60000
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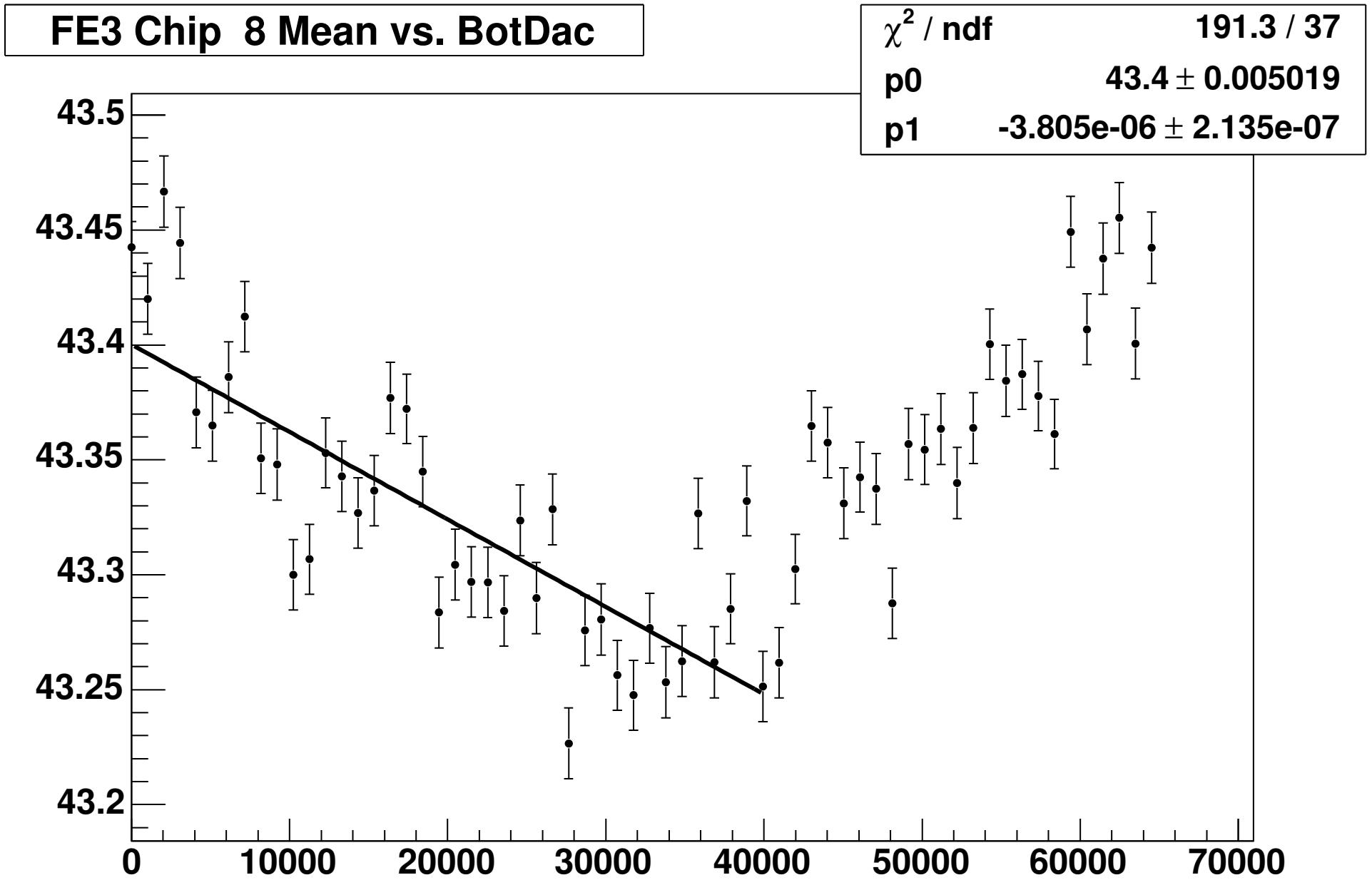
FE3 Chip 8 Mean vs. BotDac
χ² / ndf 191.3 / 37
p0 43.4 ± 0.005019
p1 -3.805e-06 ± 2.135e-07
43.5
43.45
43.4
43.35
43.3
43.25
43.2
0
10000
20000
30000
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50000
60000
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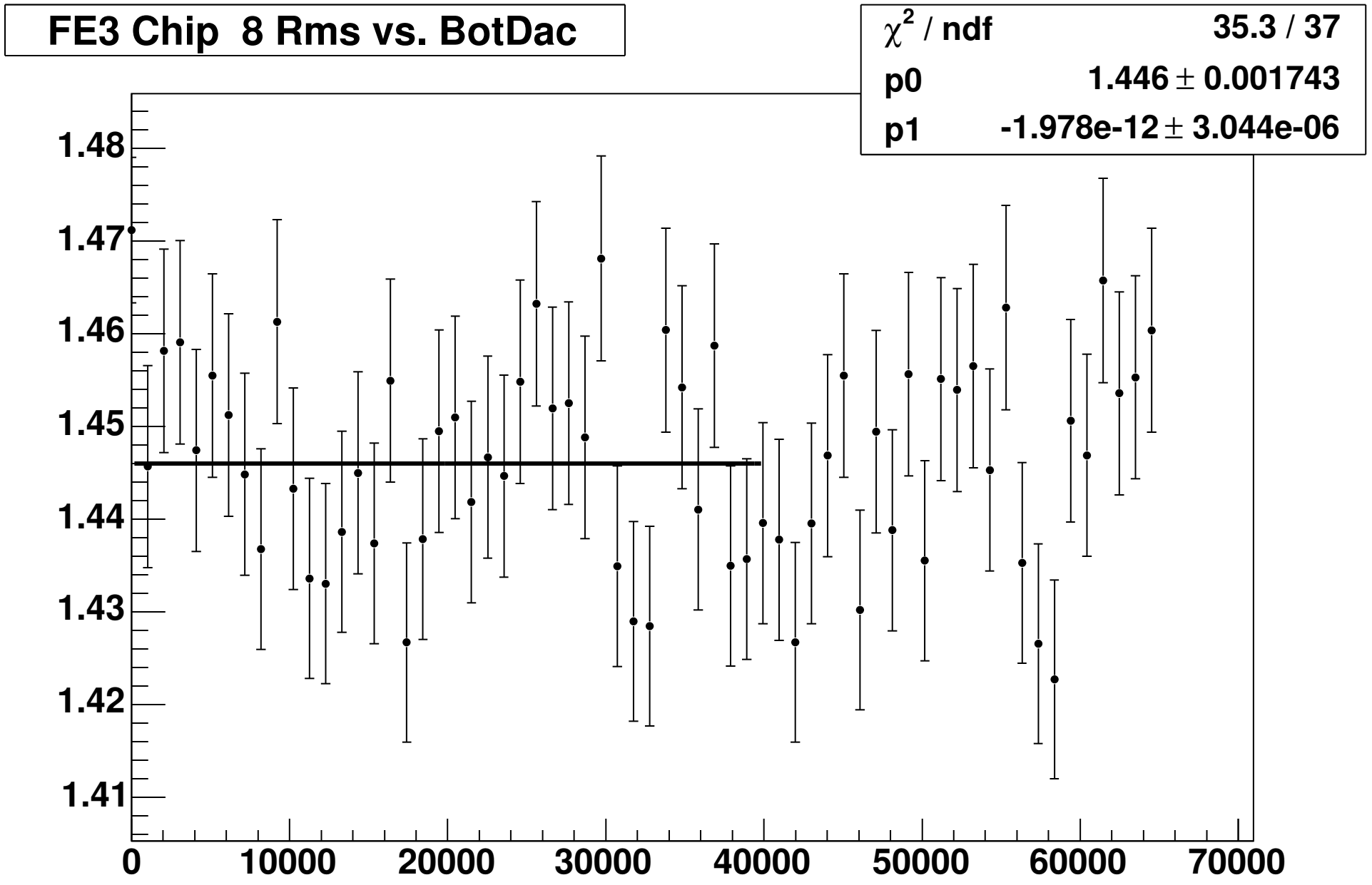
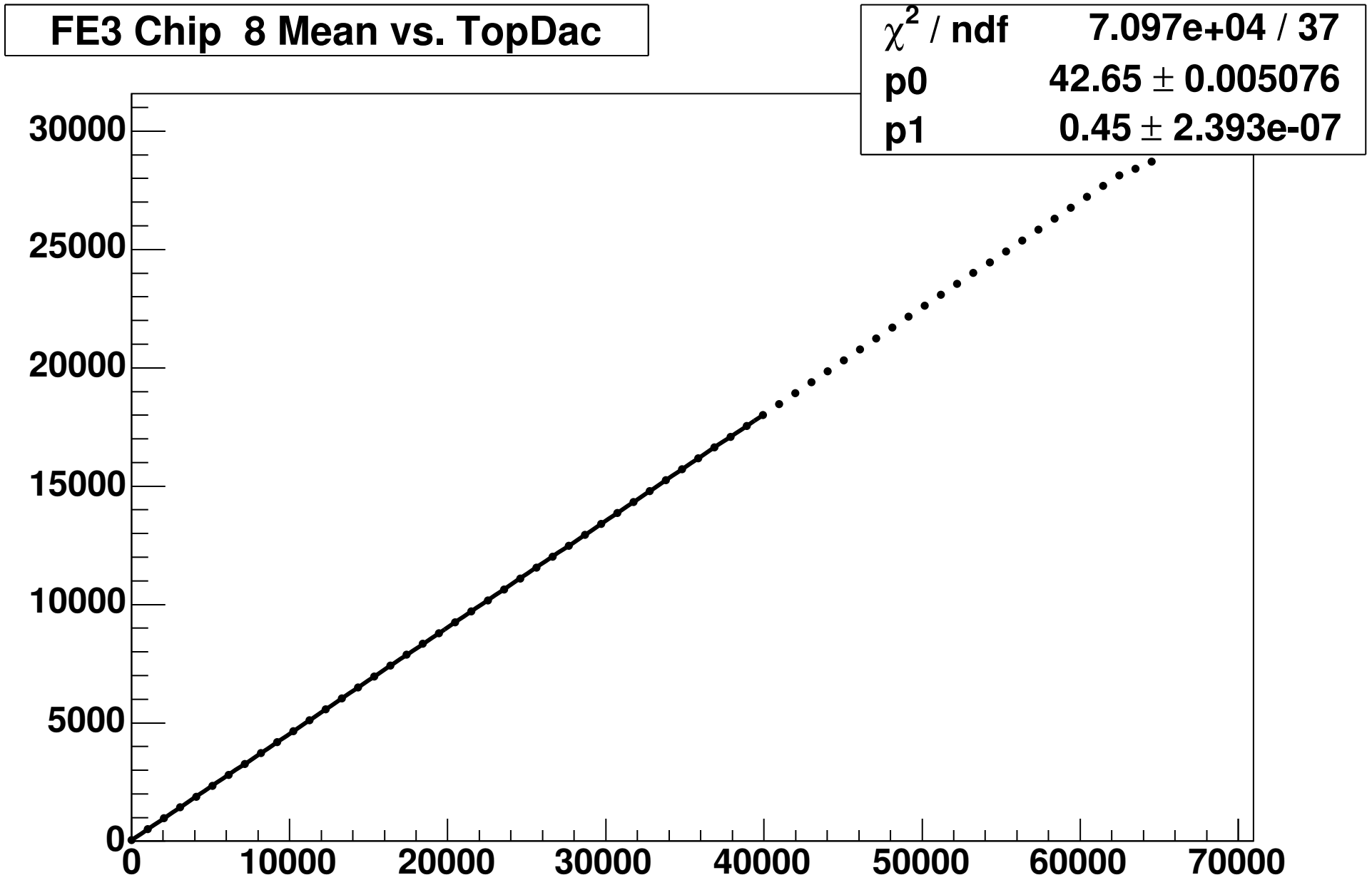

FE3 Chip 8 Rms vs. BotDac
χ² / ndf 35.3 / 37
p0 1.446 ± 0.001743
p1 -1.978e-12 ± 3.044e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 8 Mean vs. TopDac
χ^2 / ndf 7.097e+04 / 37
p0 42.65 ± 0.005076
p1 0.45 ± 2.393e-07
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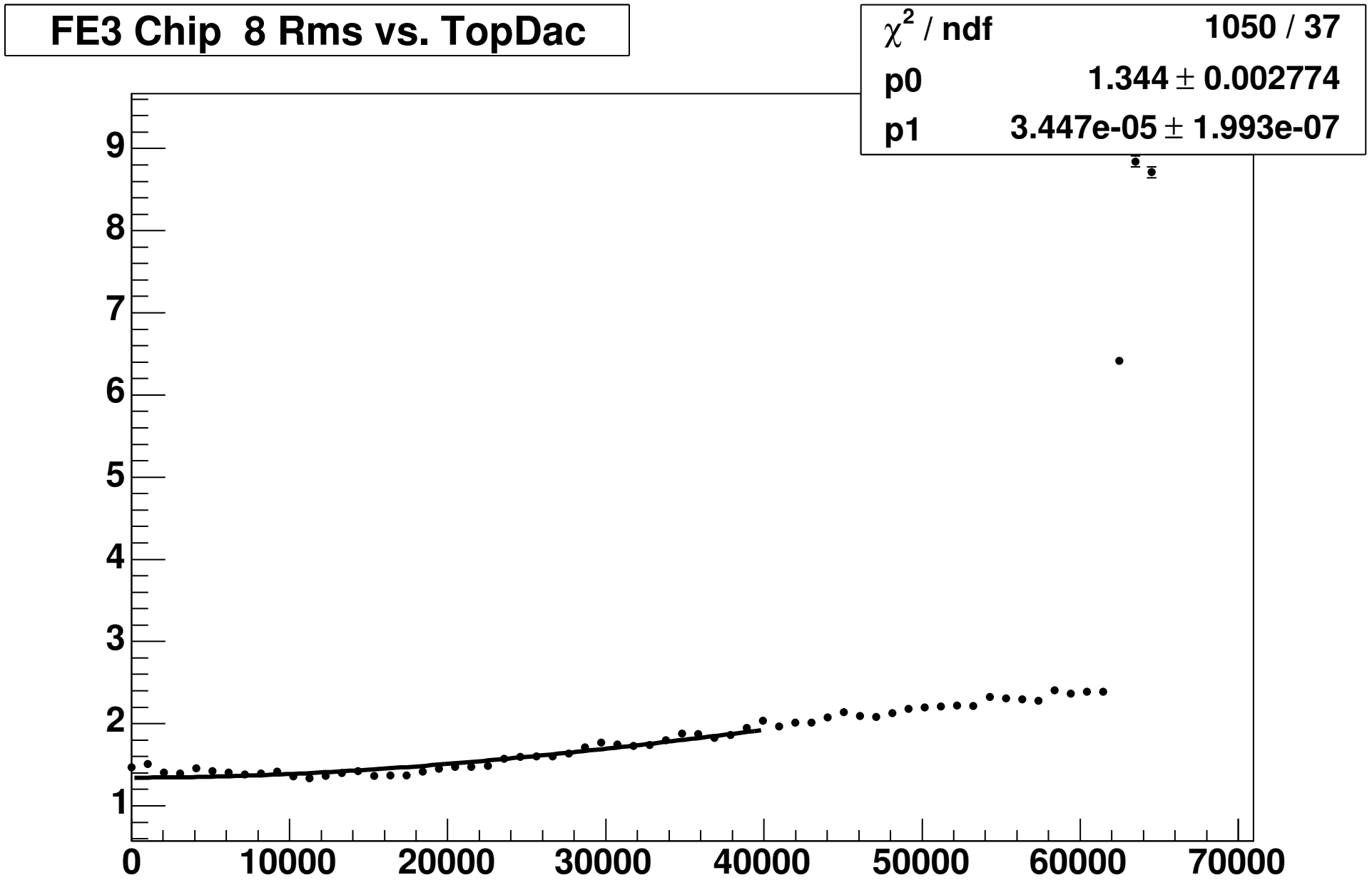
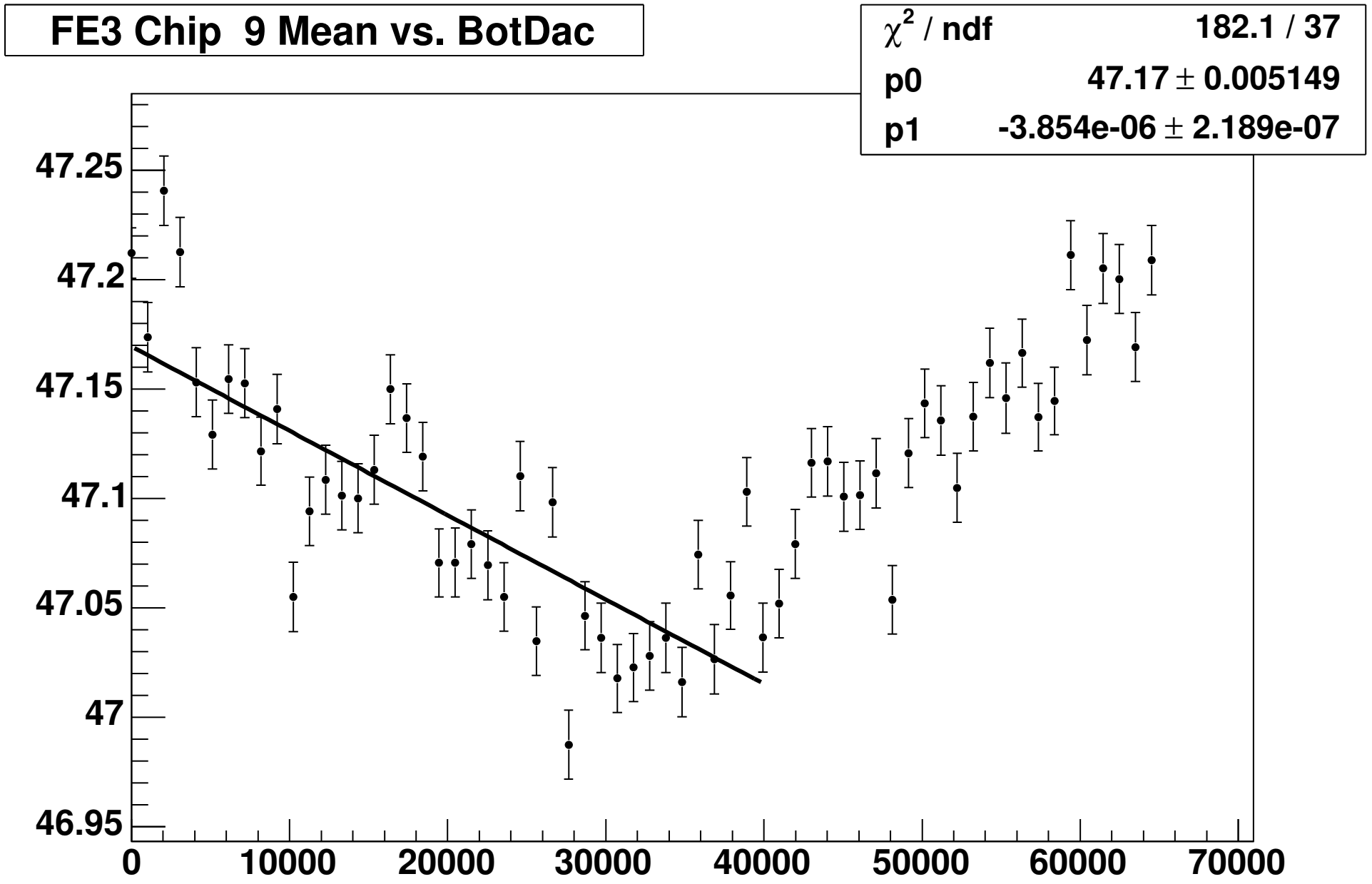
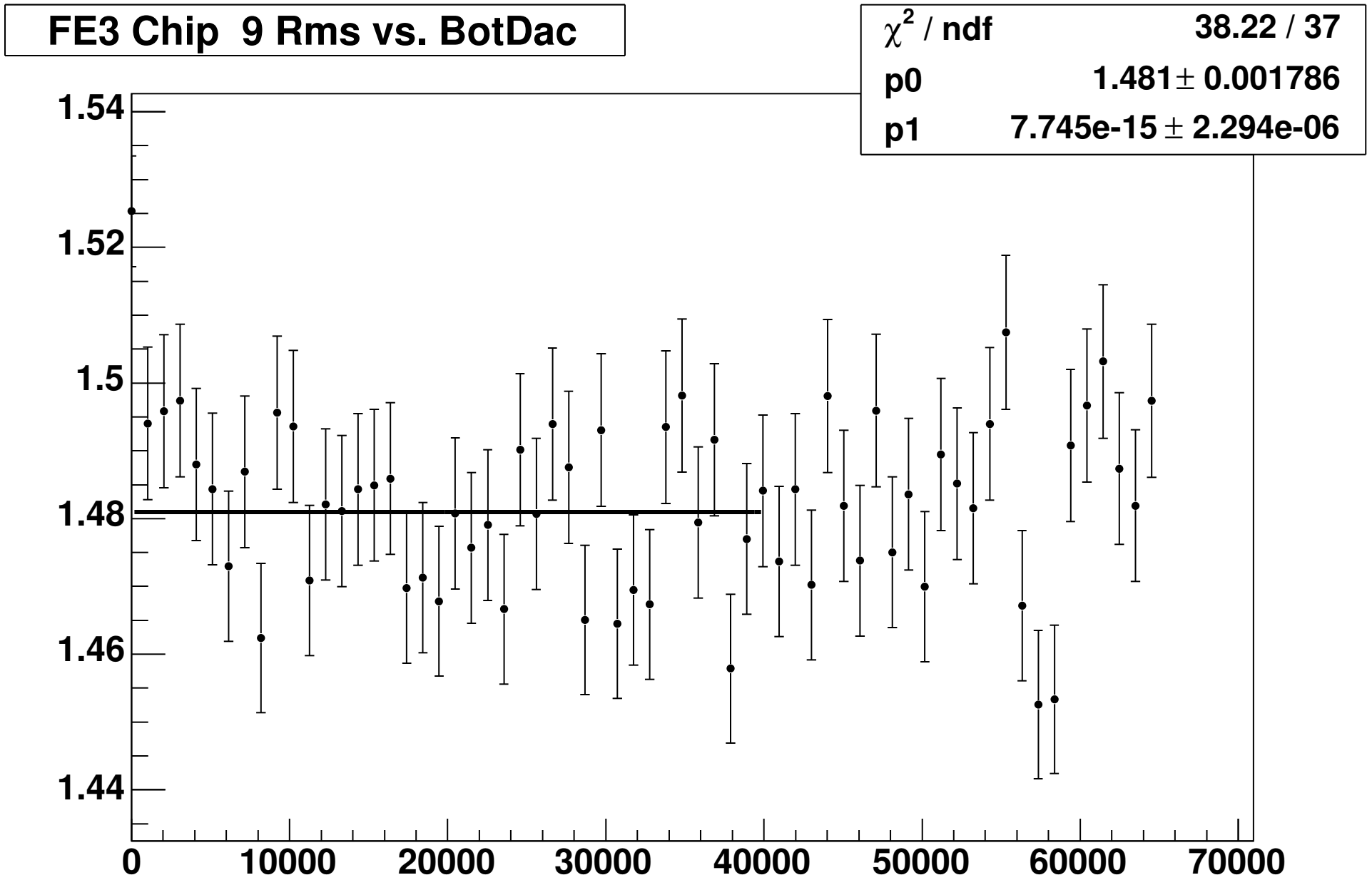
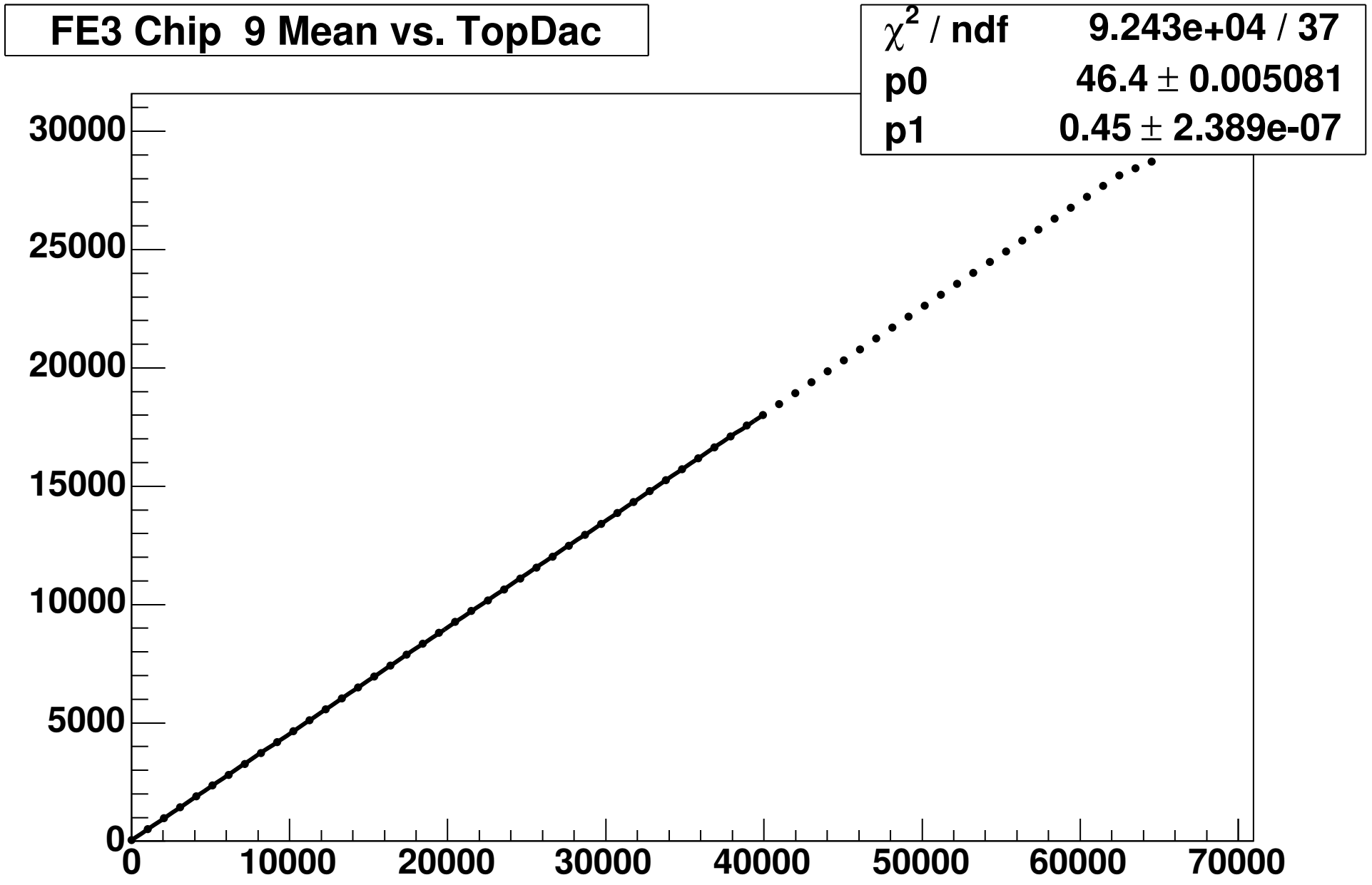
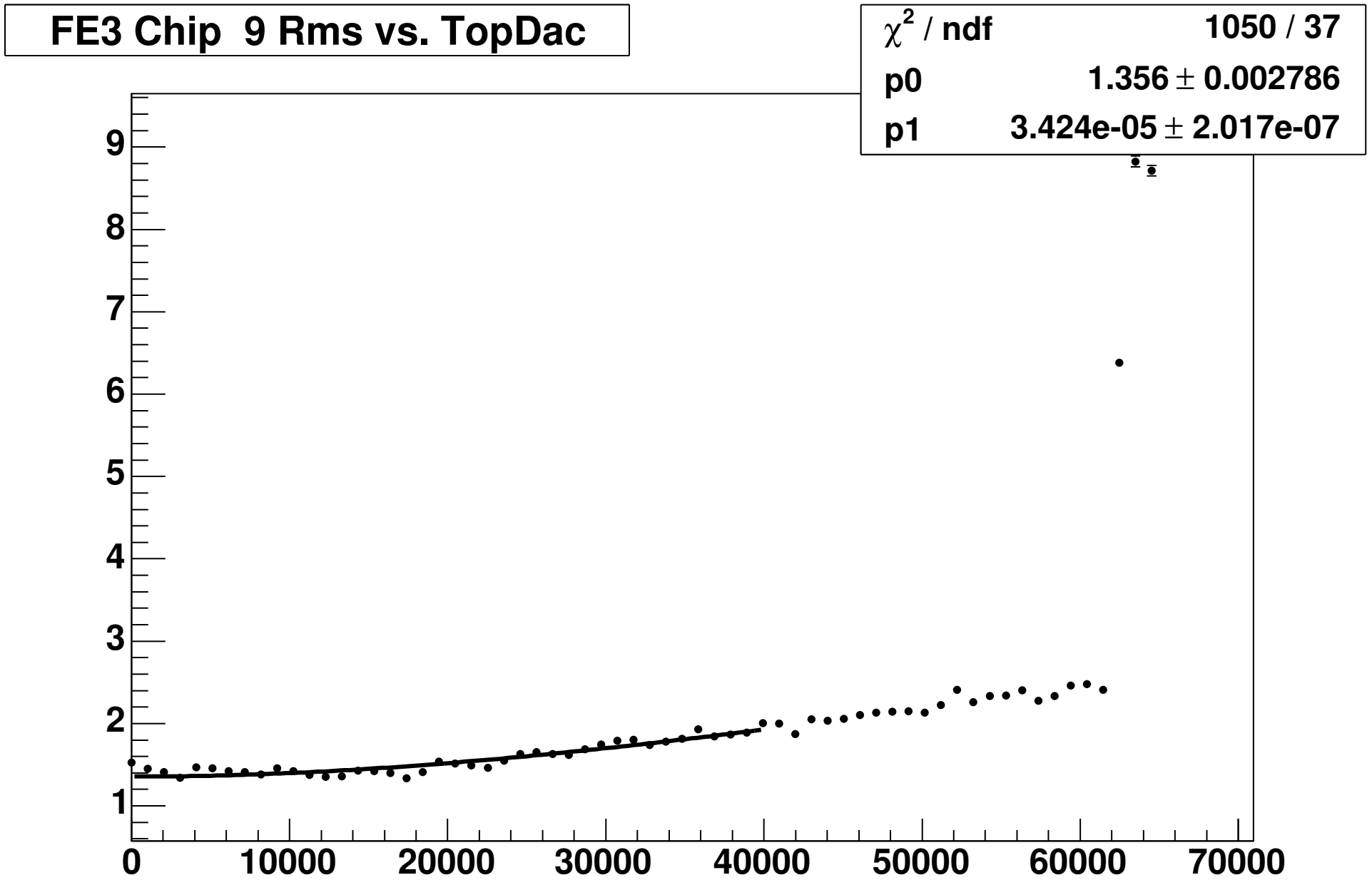
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000

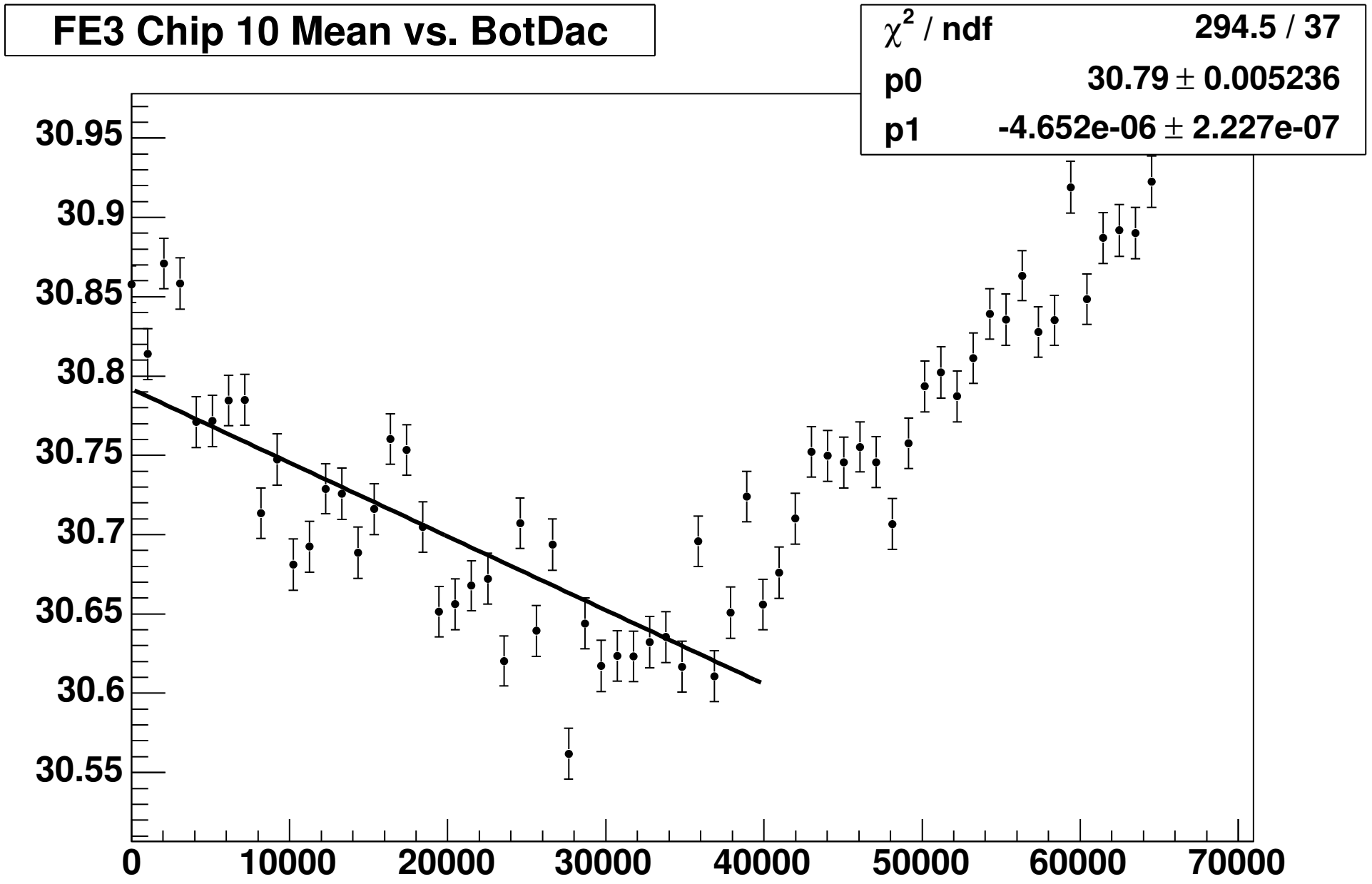

FE3 Chip 8 Rms vs. TopDac
χ² / ndf 1050 / 37
p0 1.344 ± 0.002774
p1 3.447e-05 ± 1.993e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

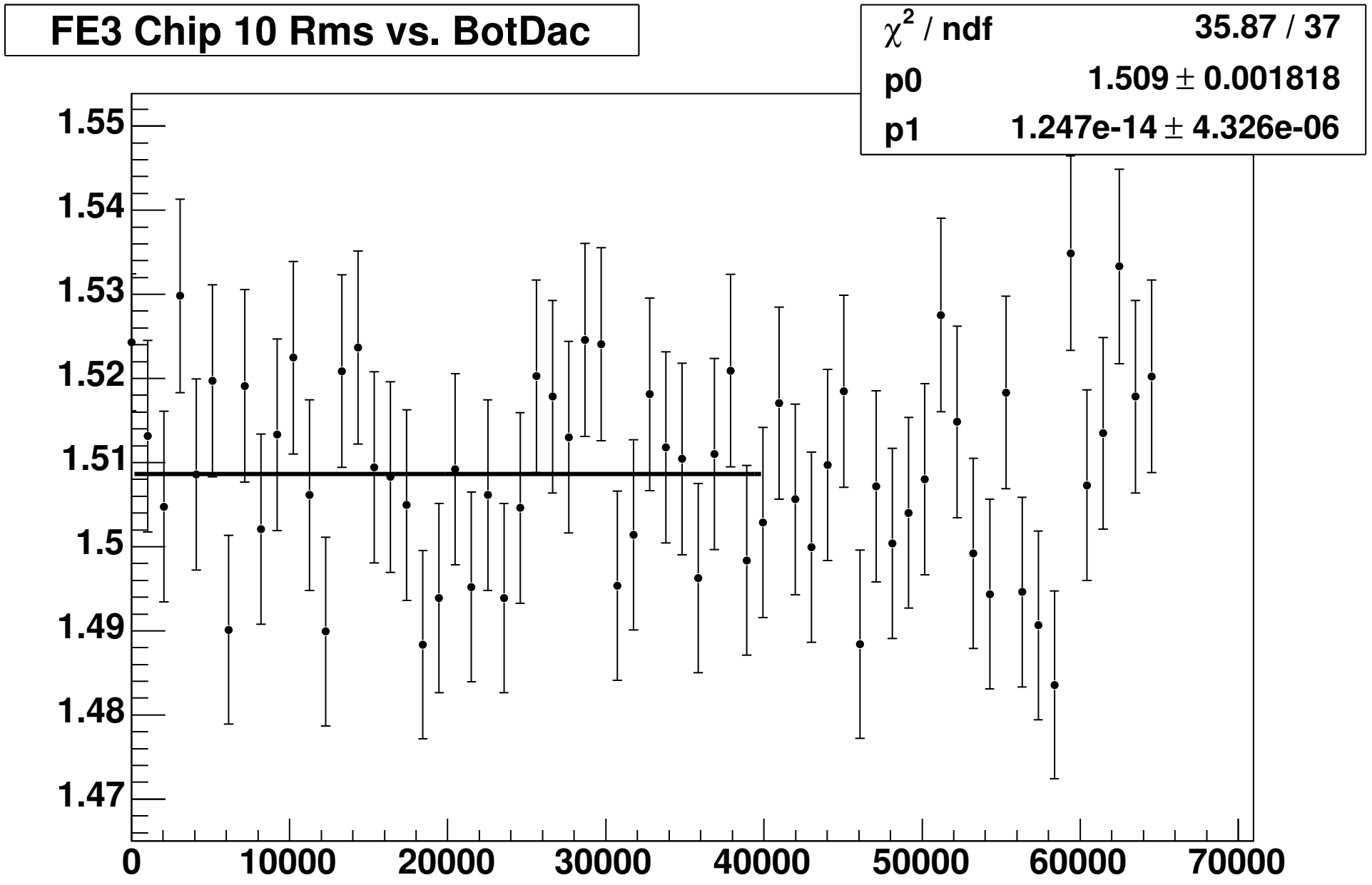

FE3 Chip 9 Mean vs. BotDac
χ² / ndf 182.1 / 37
p0 47.17 ± 0.005149
p1 -3.854e-06 ± 2.189e-07
47.25
47.2
47.15
47.1
47.05
47
46.95
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 9 Rms vs. BotDac
χ² / ndf 38.22 / 37
p0 1.481 ± 0.001786
p1 7.745e-15 ± 2.294e-06
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 9 Mean vs. TopDac
χ^2 / ndf 9.243e+04 / 37
p0 46.4 ± 0.005081
p1 0.45 ± 2.389e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 9 Rms vs. TopDac
χ² / ndf 1050 / 37
p0 1.356 ± 0.002786
p1 3.424e-05 ± 2.017e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 10 Mean vs. BotDac
χ² / ndf 294.5 / 37
p0 30.79 ± 0.005236
p1 -4.652e-06 ± 2.227e-07
30.95
30.9
30.85
30.8
30.75
30.7
30.65
30.6
30.55
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 10 Rms vs. BotDac
χ² / ndf 35.87 / 37
p0 1.509 ± 0.001818
p1 1.247e-14 ± 4.326e-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
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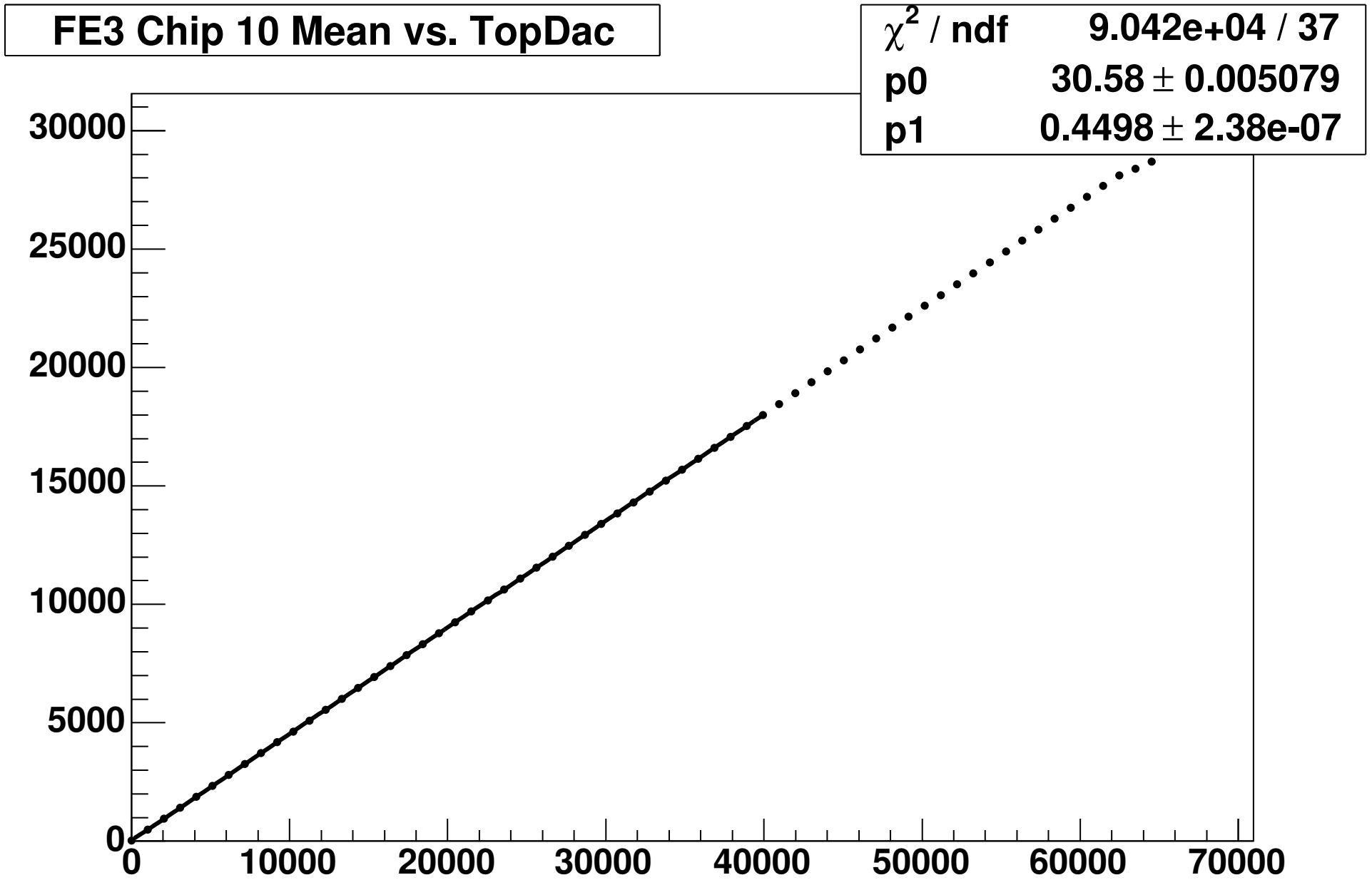
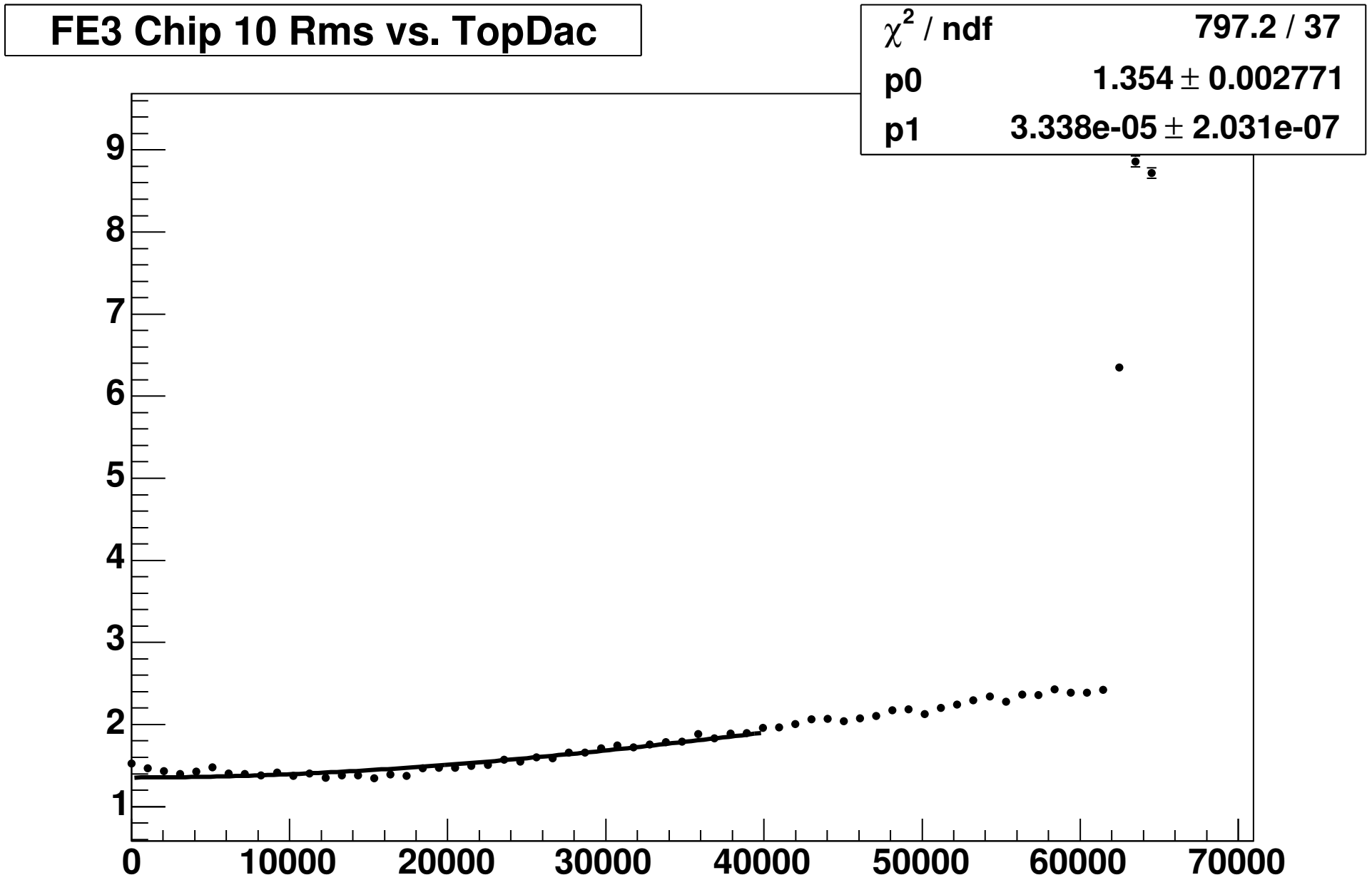
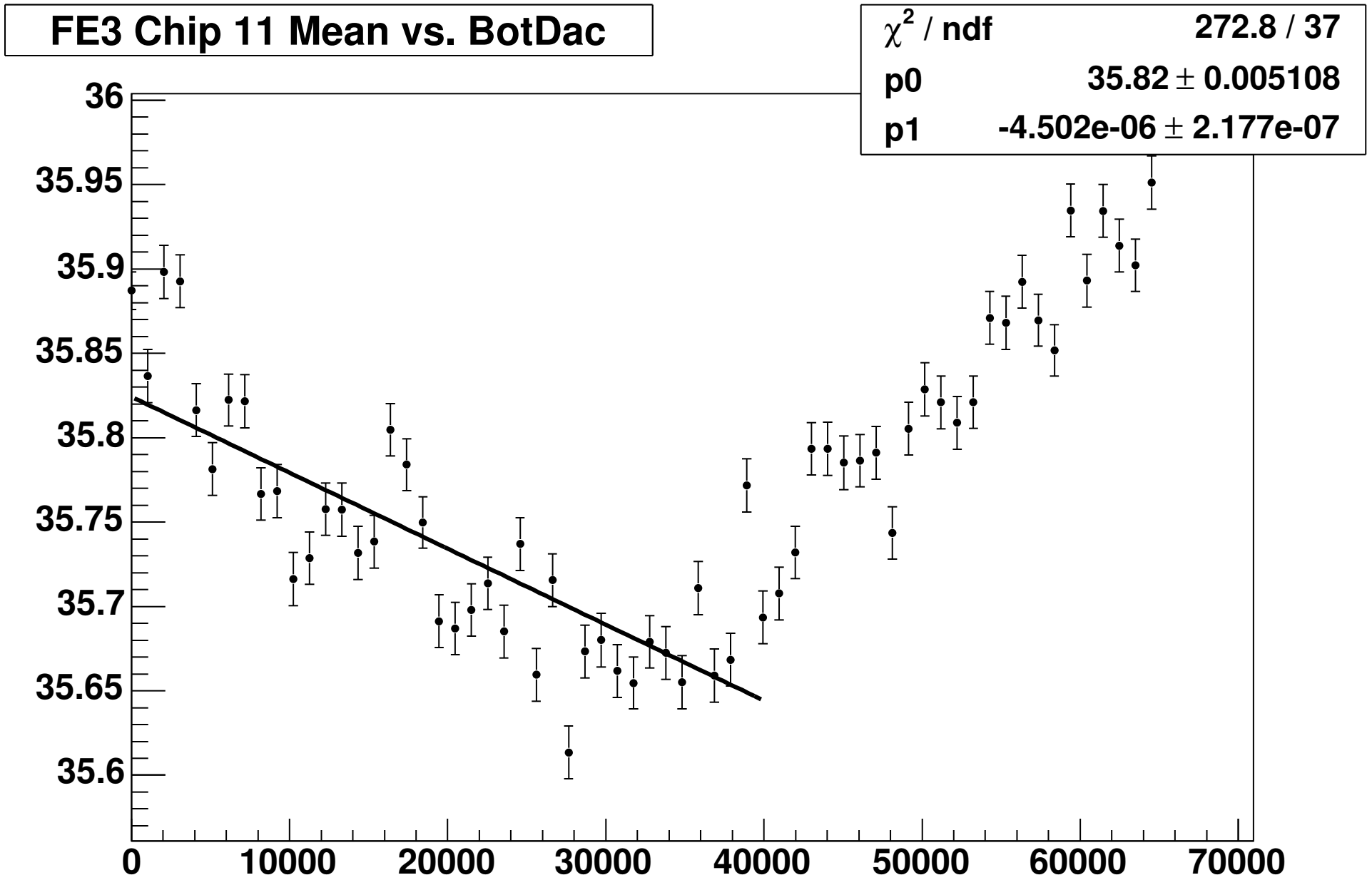
70000


FE3 Chip 10 Mean vs. TopDac
χ² / ndf 9.042e+04 / 37
p0 30.58 ± 0.005079
p1 0.4498 ± 2.38e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 10 Rms vs. TopDac
χ² / ndf 797.2 / 37
p0 1.354 ± 0.002771
p1 3.338e-05 ± 2.031e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 11 Mean vs. BotDac
χ² / ndf 272.8 / 37
p0 35.82 ± 0.005108
p1 -4.502e-06 ± 2.177e-07
36
35.95
35.9
35.85
35.8
35.75
35.7
35.65
35.6
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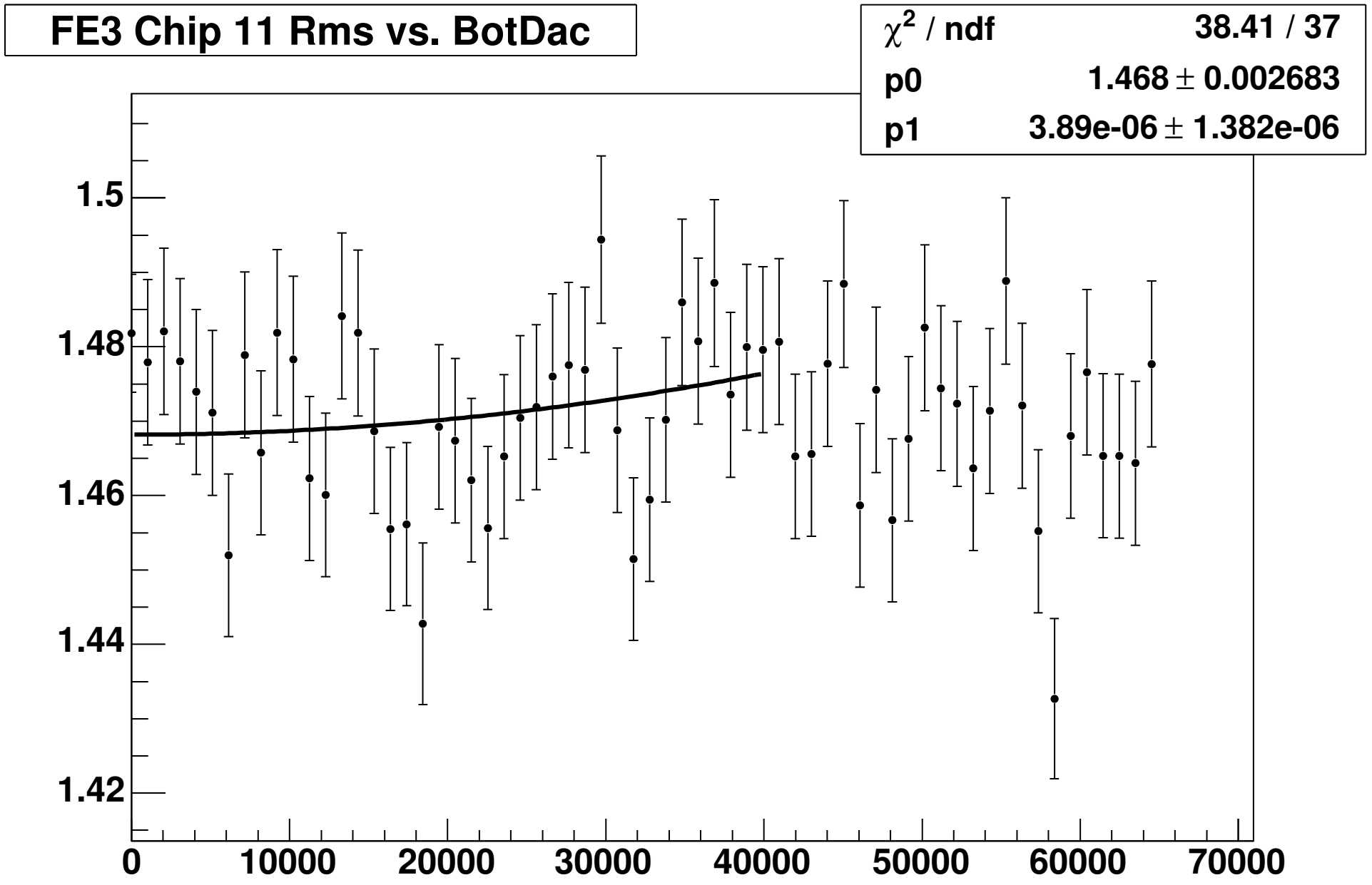
FE3 Chip 11 Rms vs. BotDac
χ² / ndf 38.41 / 37
p0 1.468 ± 0.002683
p1 3.89e-06 ± 1.382e-06
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1.48
1.46
1.44
1.42
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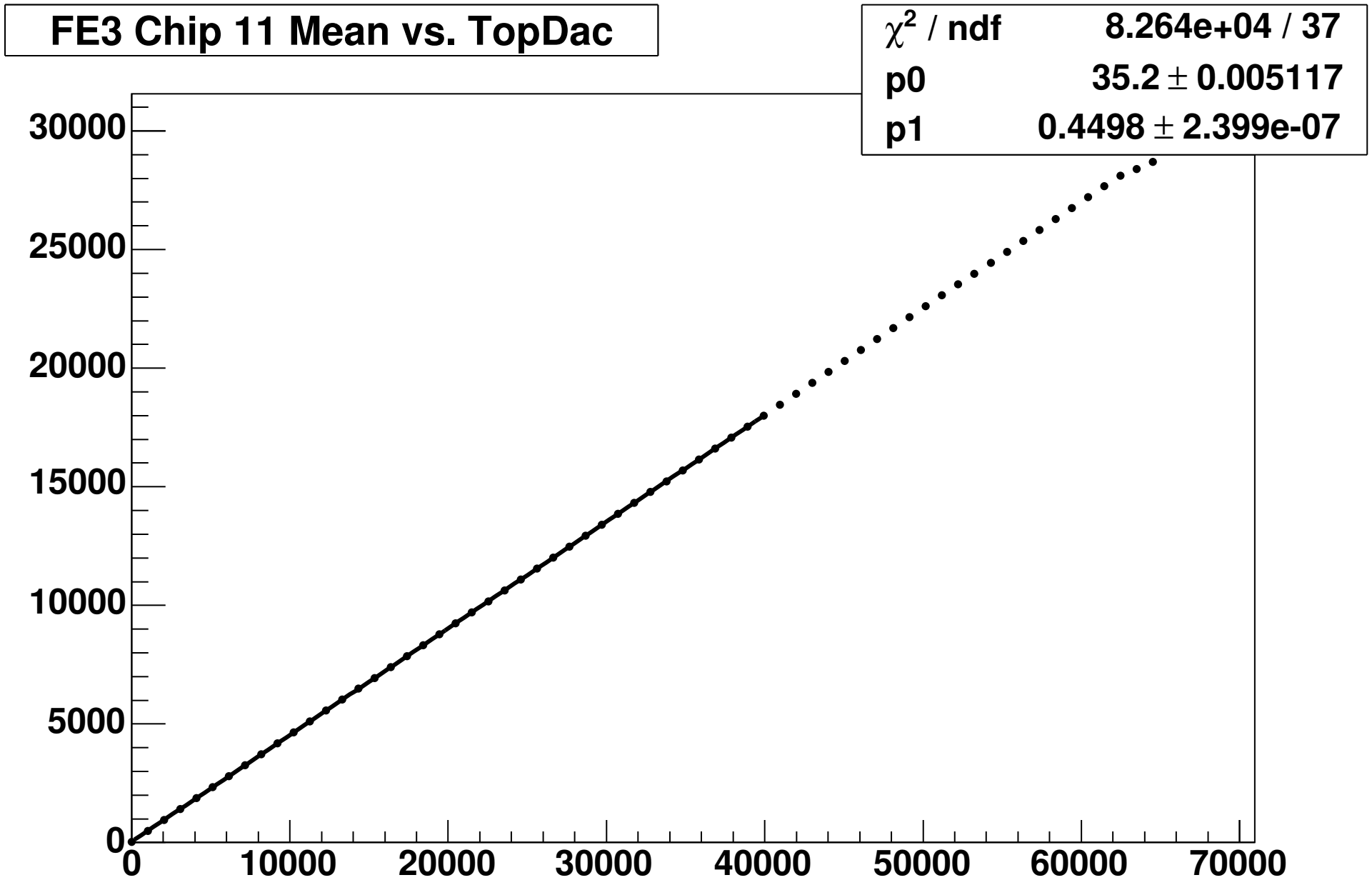
FE3 Chip 11 Mean vs. TopDac
χ² / ndf 8.264e+04 / 37
p0 35.2 ± 0.005117
p1 0.4498 ± 2.399e-07
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0
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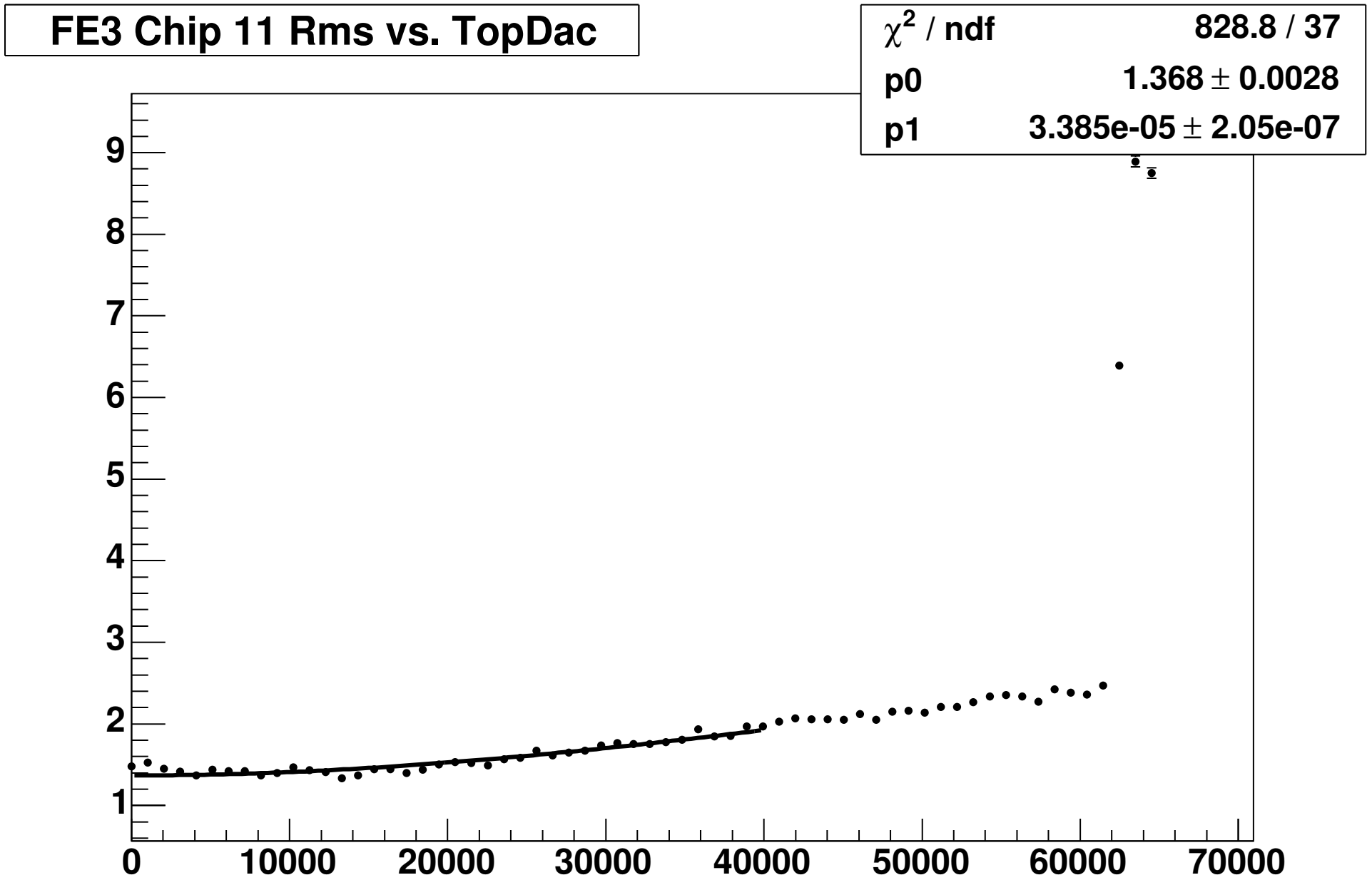
FE3 Chip 11 Rms vs. TopDac
χ² / ndf 828.8 / 37
p0 1.368 ± 0.0028
p1 3.385e-05 ± 2.05e-07
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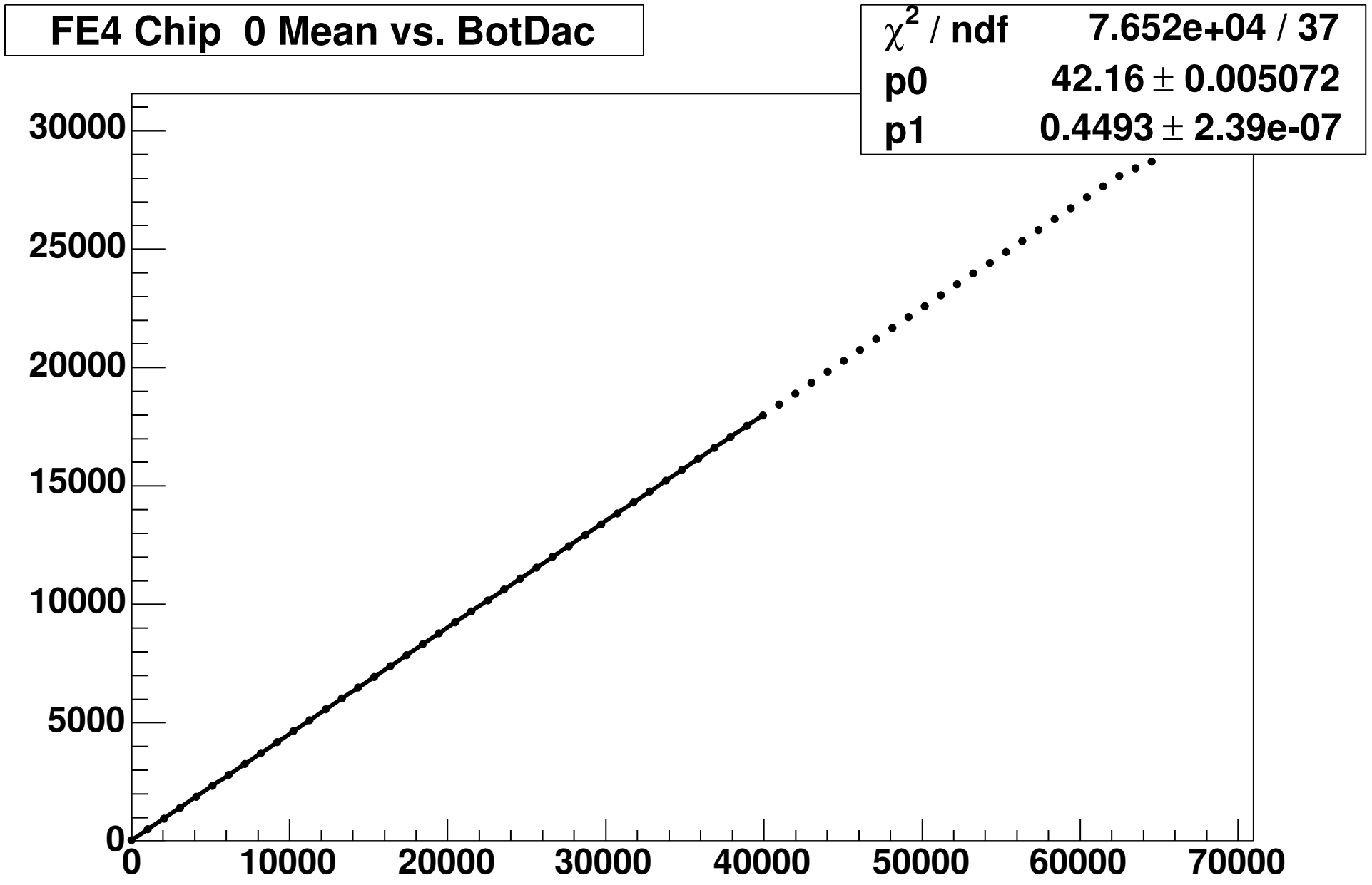
FE4 Chip 0 Mean vs. BotDac
χ² / ndf 7.652e+04 / 37
p0 42.16 ± 0.005072
p1 0.4493 ± 2.39e-07
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5000
0
0
10000
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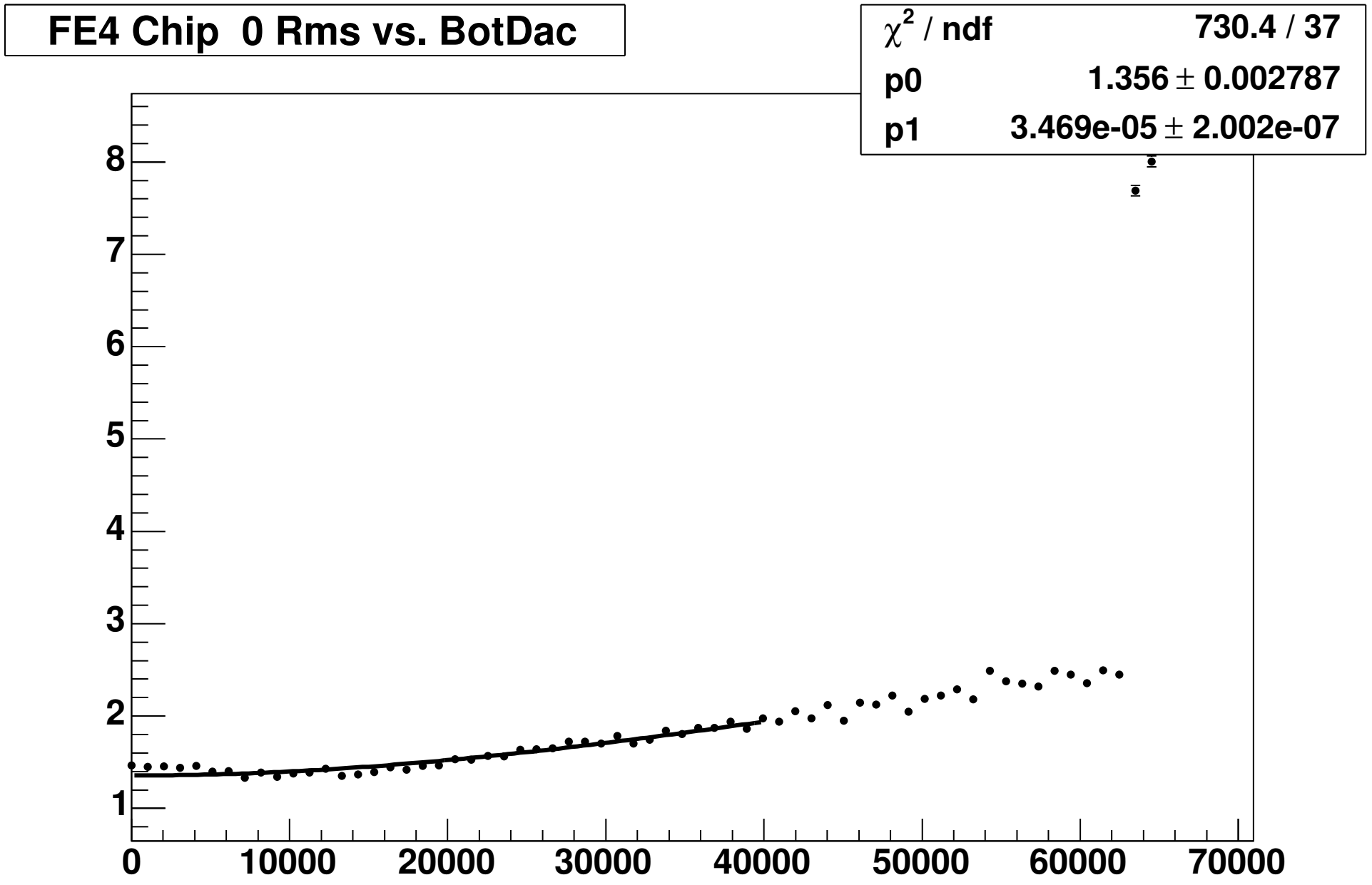
FE4 Chip 0 Rms vs. BotDac
χ² / ndf 730.4 / 37
p0 1.356 ± 0.002787
p1 3.469e-05 ± 2.002e-07
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6
5
4
3
2
1
0
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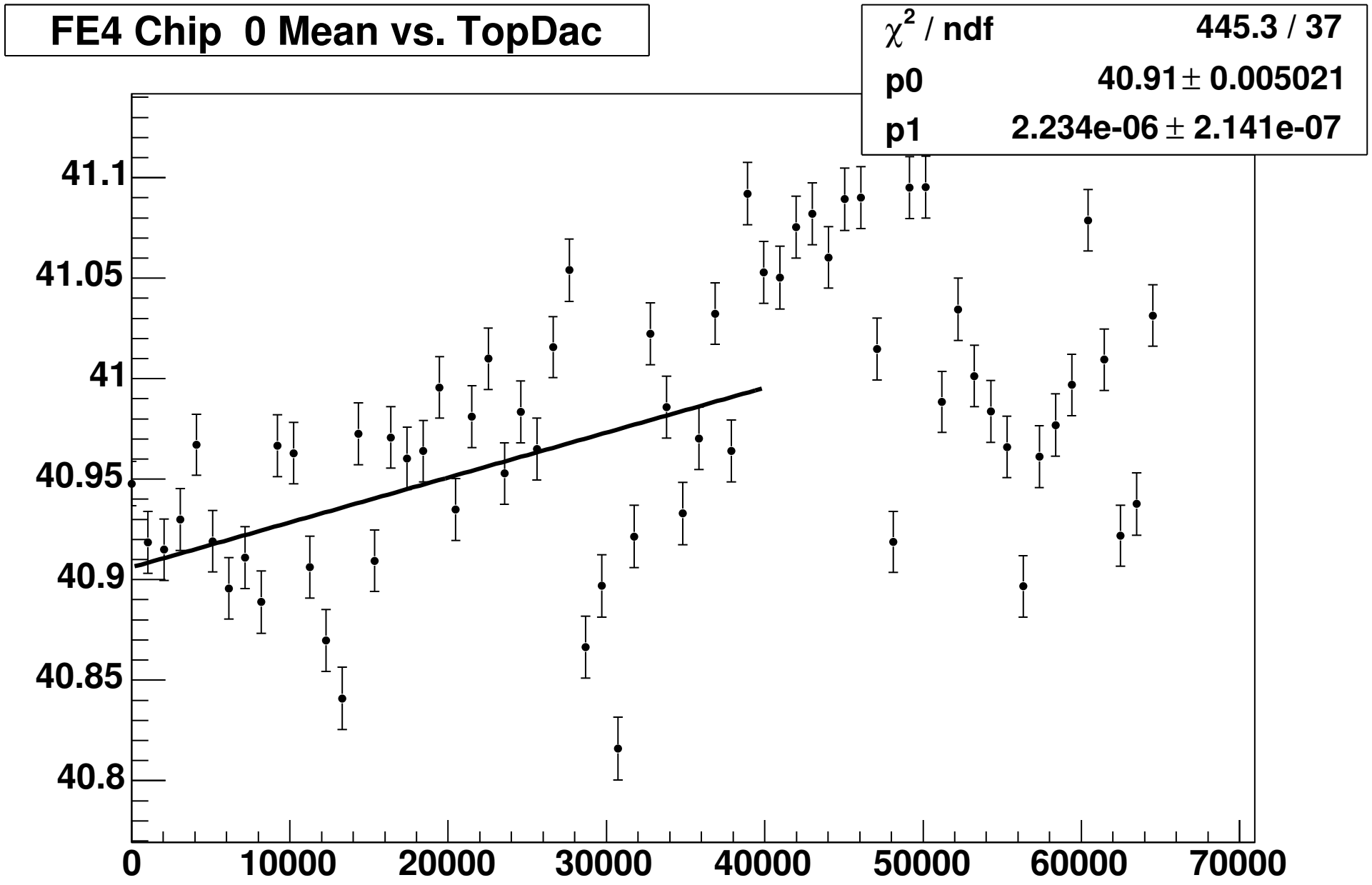
FE4 Chip 0 Mean vs. TopDac
χ² / ndf 445.3 / 37
p0 40.91 ± 0.005021
p1 2.234e-06 ± 2.141e-07
41.1
41.05
41
40.95
40.9
40.85
40.8
0
10000
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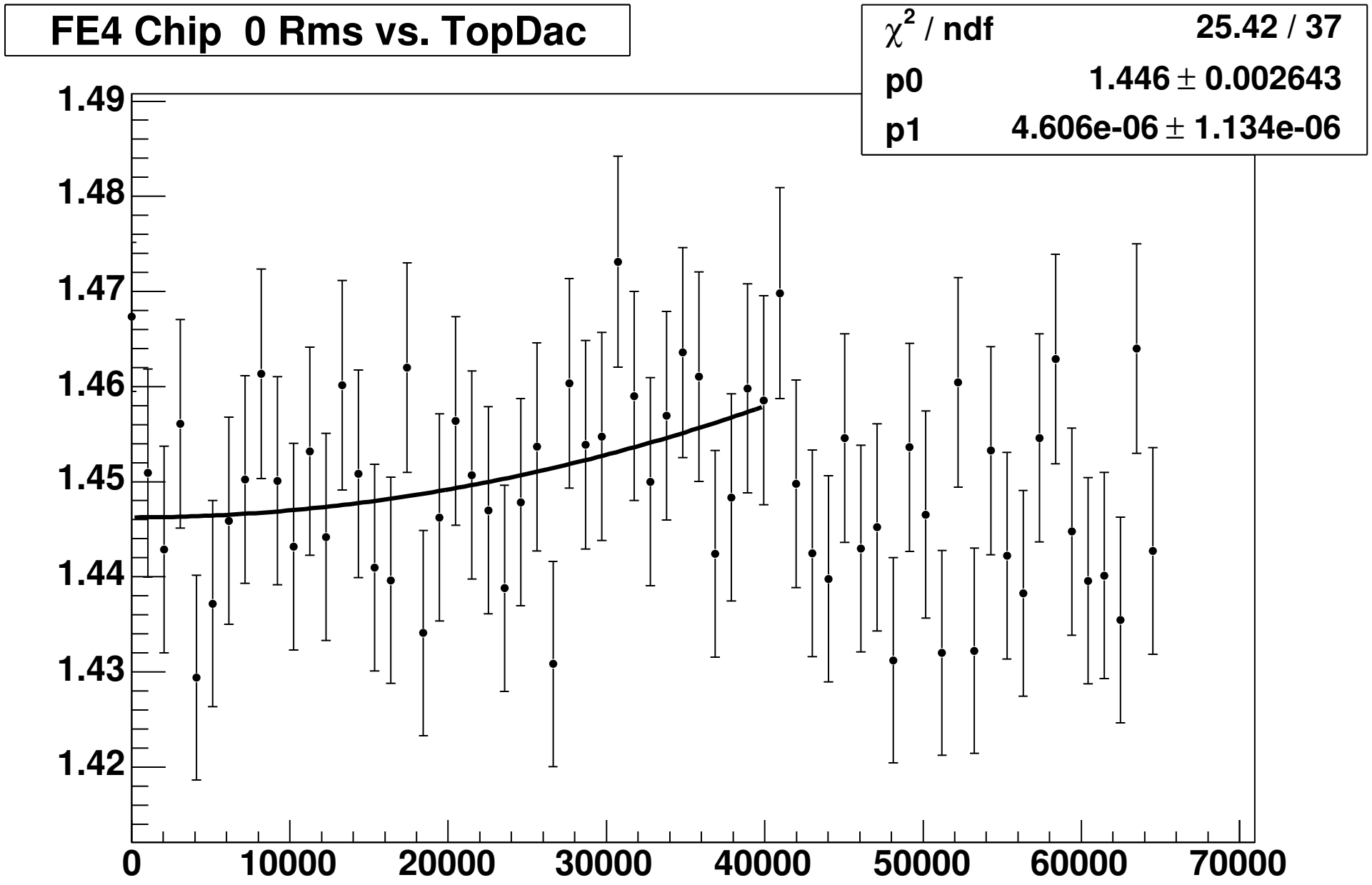
FE4 Chip 0 Rms vs. TopDac
χ² / ndf 25.42 / 37
p0 1.446 ± 0.002643
p1 4.606e-06 ± 1.134e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
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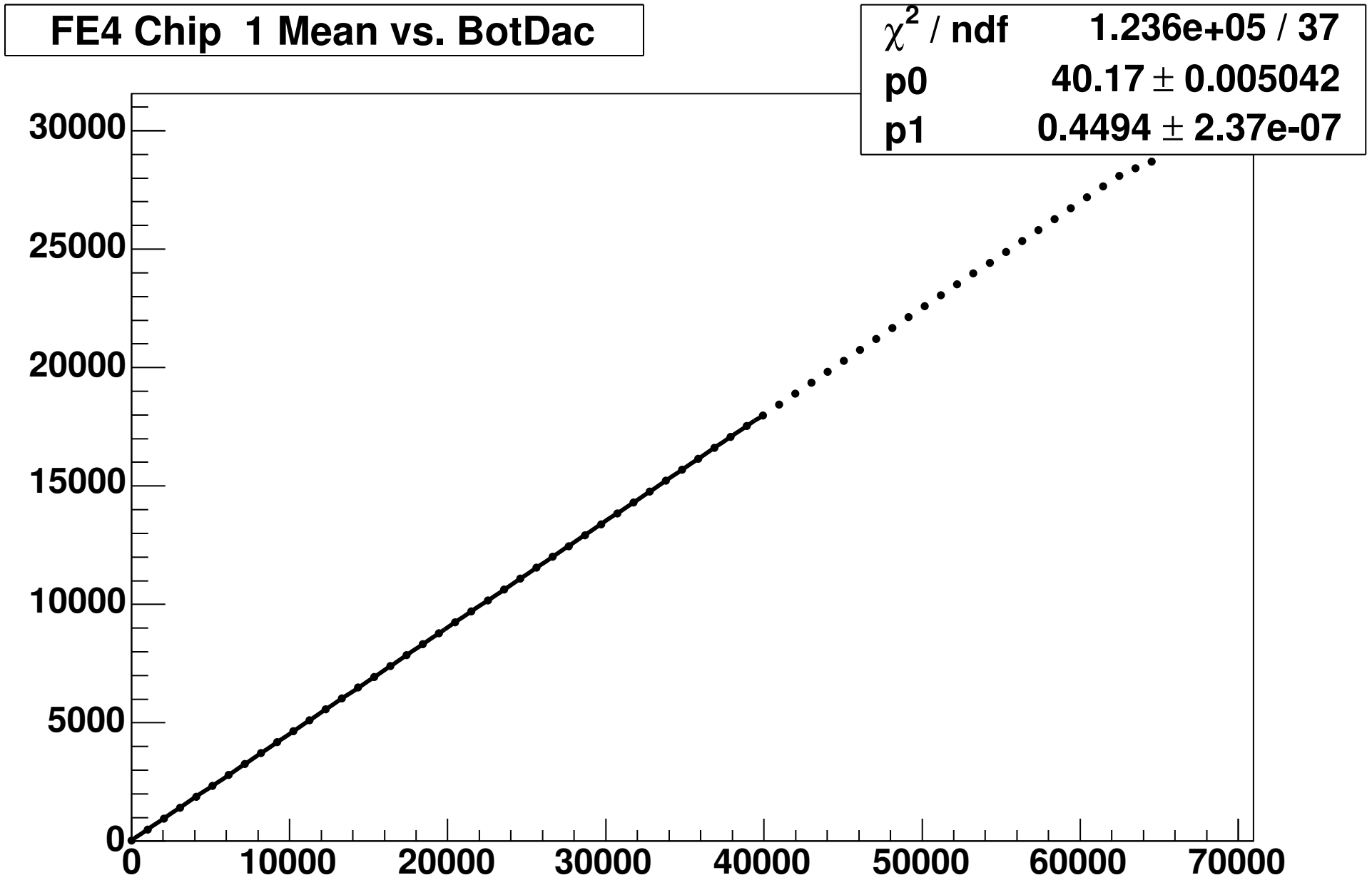
FE4 Chip 1 Mean vs. BotDac
χ² / ndf 1.236e+05 / 37
p0 40.17 ± 0.005042
p1 0.4494 ± 2.37e-07
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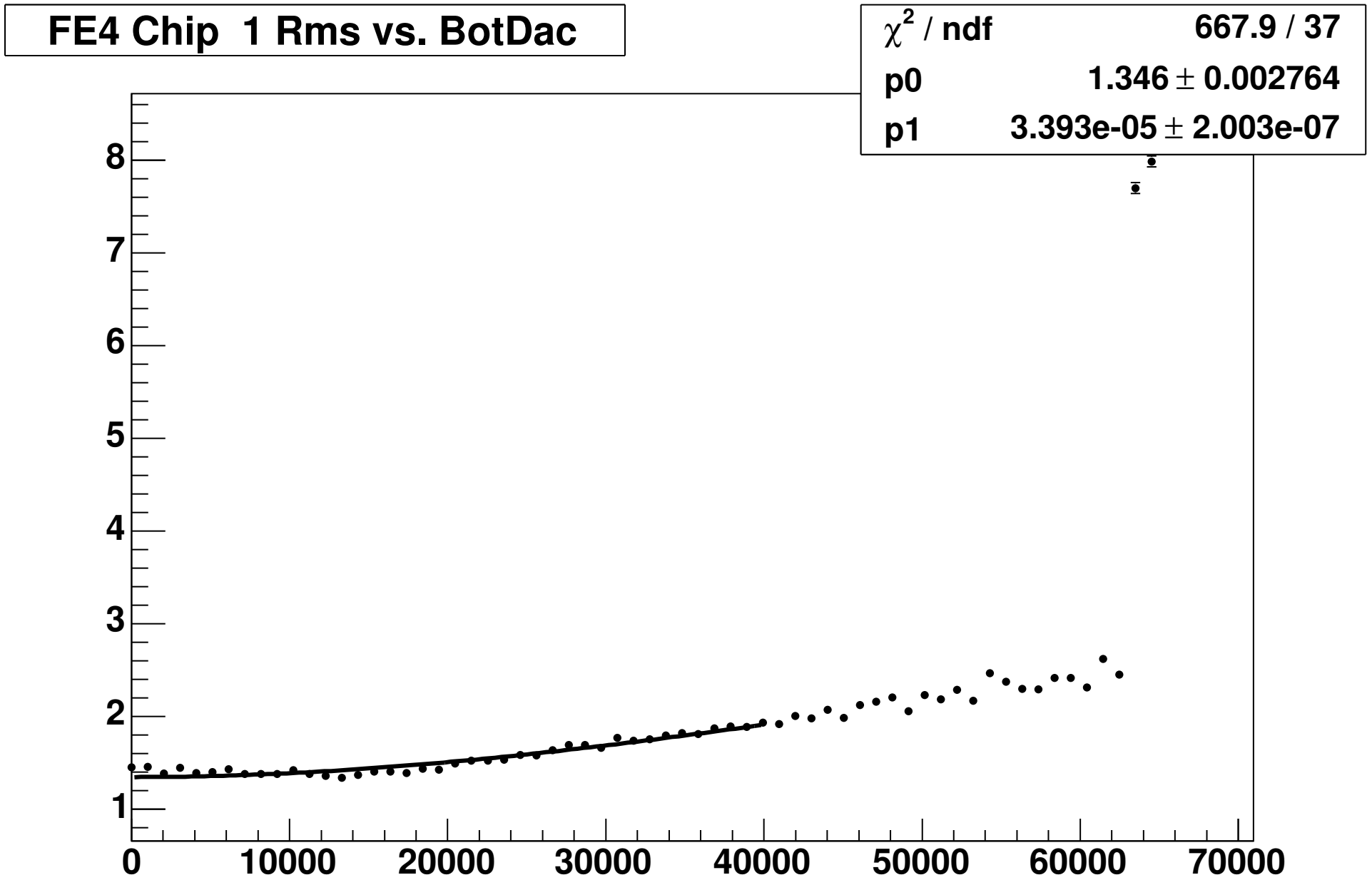
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE4 Chip 1 Rms vs. BotDac
χ² / ndf 667.9 / 37
p0 1.346 ± 0.002764
p1 3.393e-05 ± 2.003e-07
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7
6
5
4
3
2
1
0
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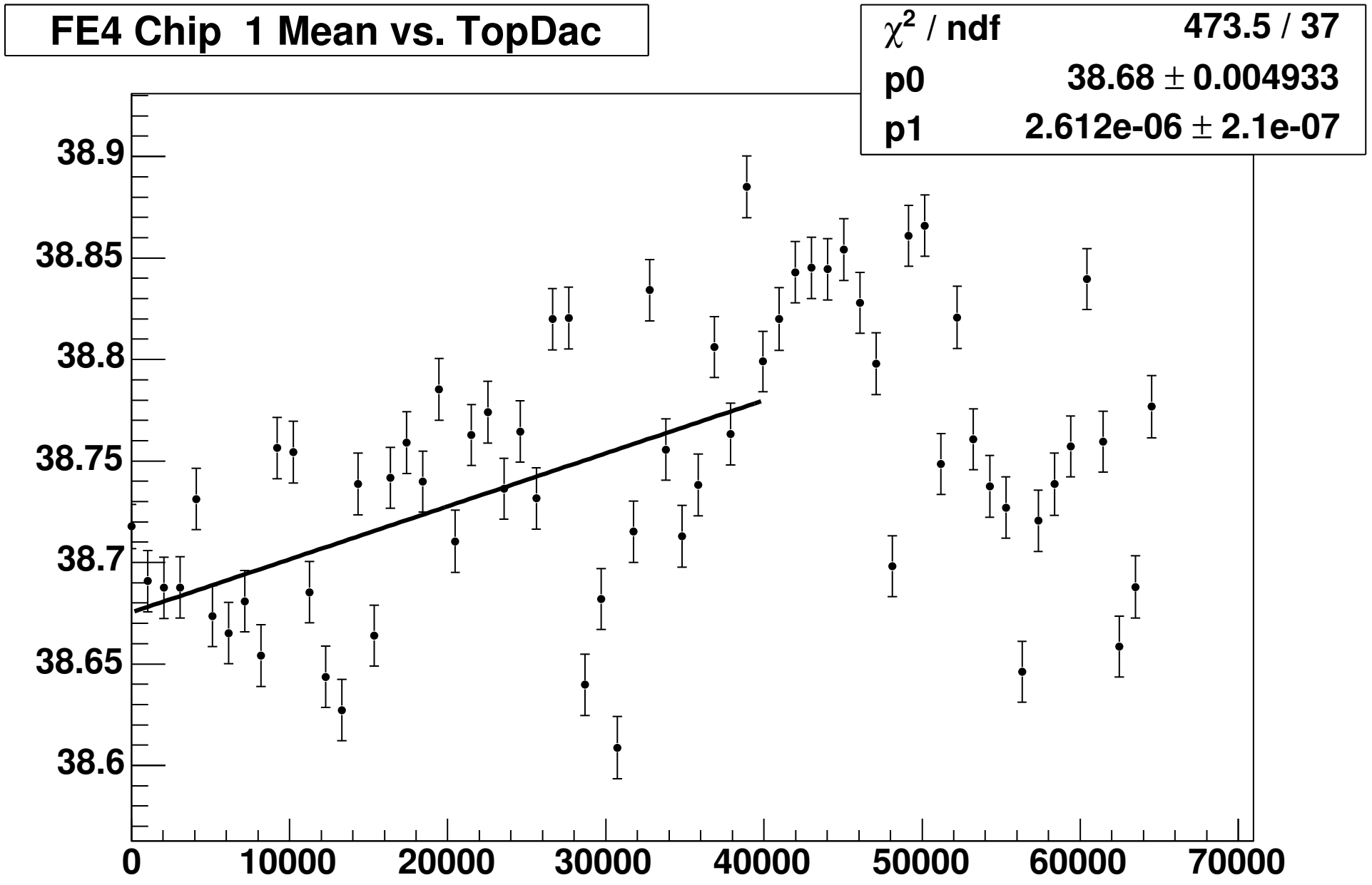
FE4 Chip 1 Mean vs. TopDac
χ² / ndf 473.5 / 37
p0 38.68 ± 0.004933
p1 2.612e-06 ± 2.1e-07
38.9
38.85
38.8
38.75
38.7
38.65
38.6
0
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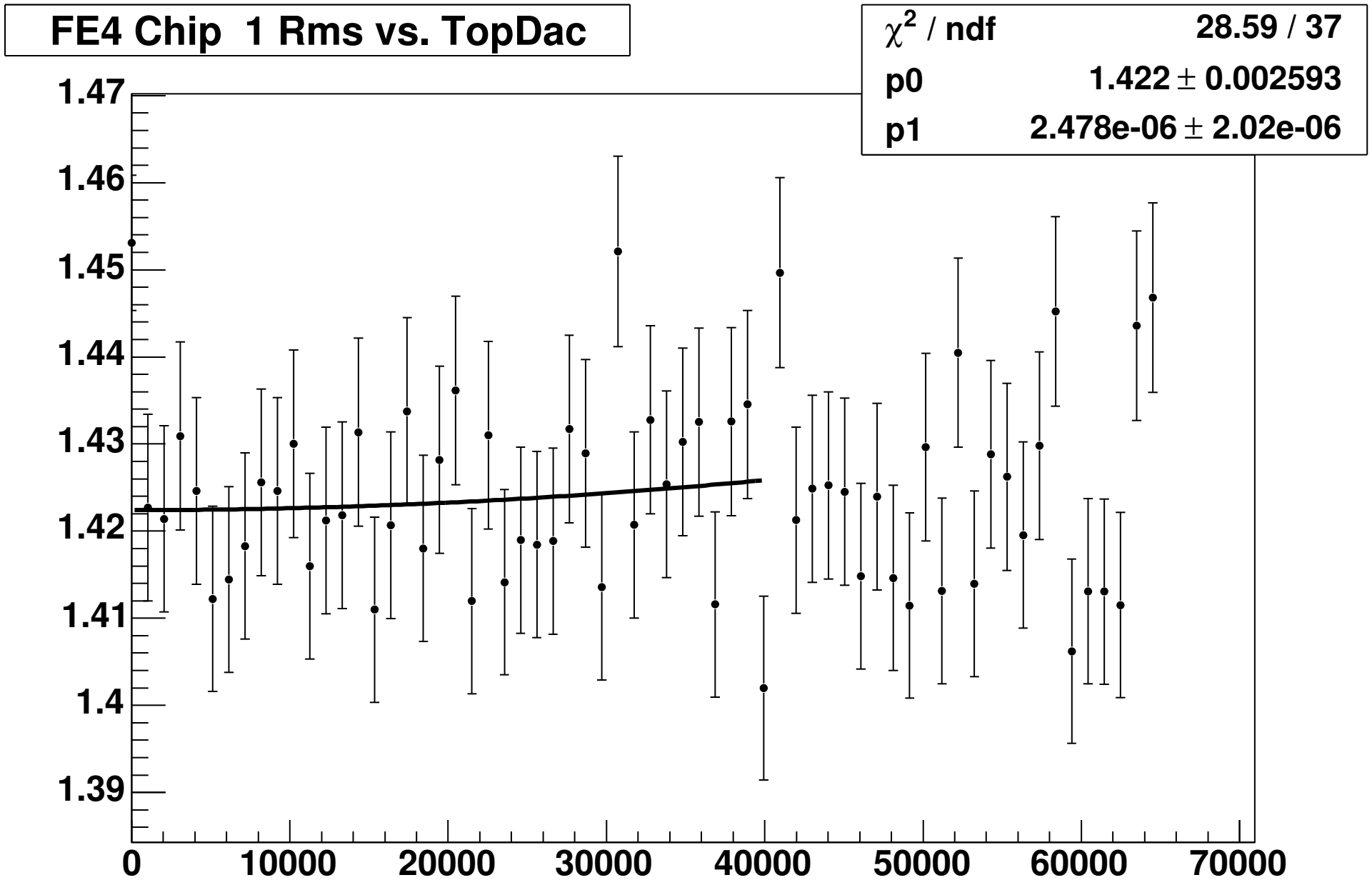
FE4 Chip 1 Rms vs. TopDac
χ² / ndf 28.59 / 37
p0 1.422 ± 0.002593
p1 2.478e-06 ± 2.02e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
10000
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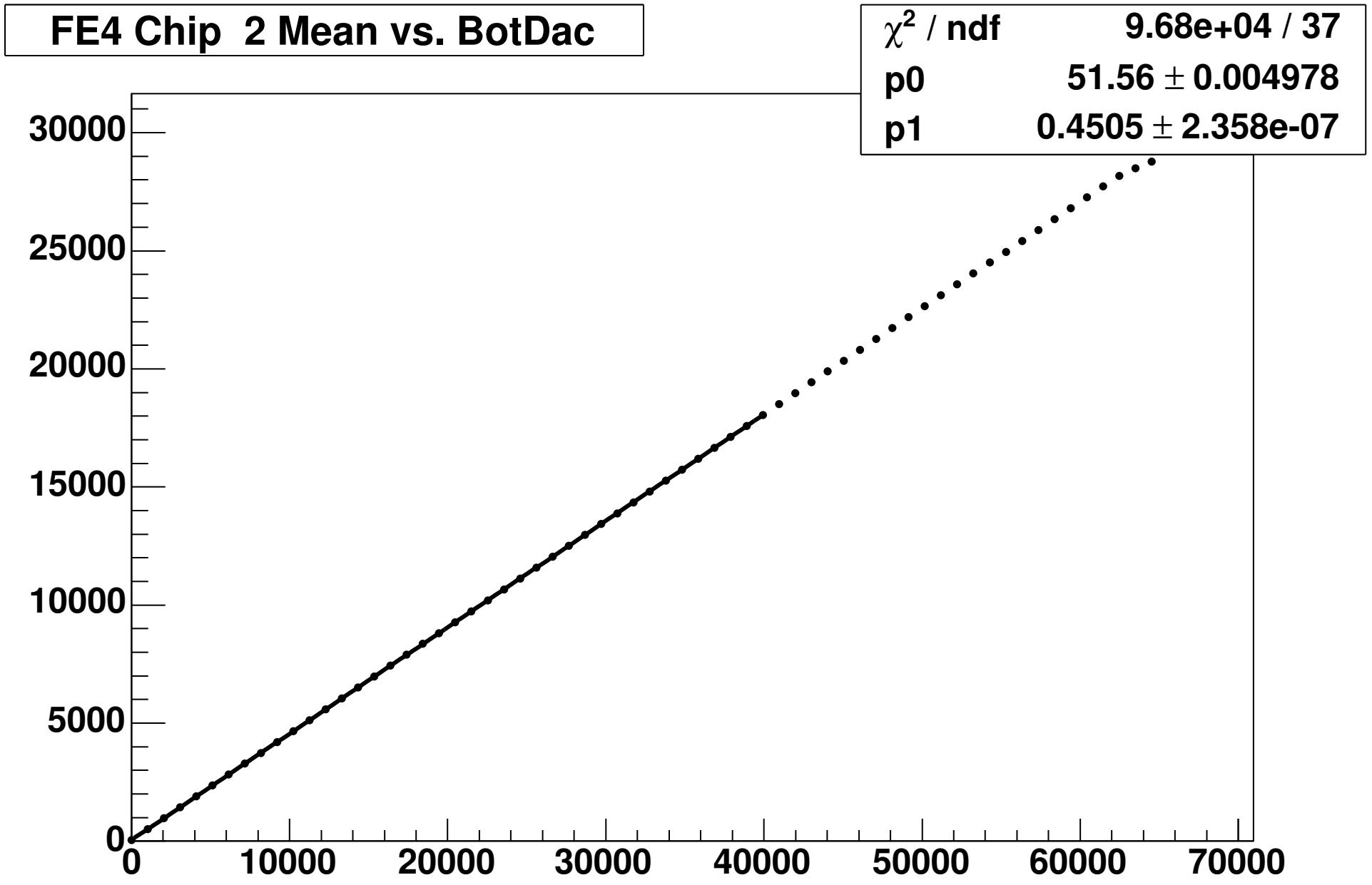
FE4 Chip 2 Mean vs. BotDac
χ² / ndf 9.68e+04 / 37
p0 51.56 ± 0.004978
p1 0.4505 ± 2.358e-07
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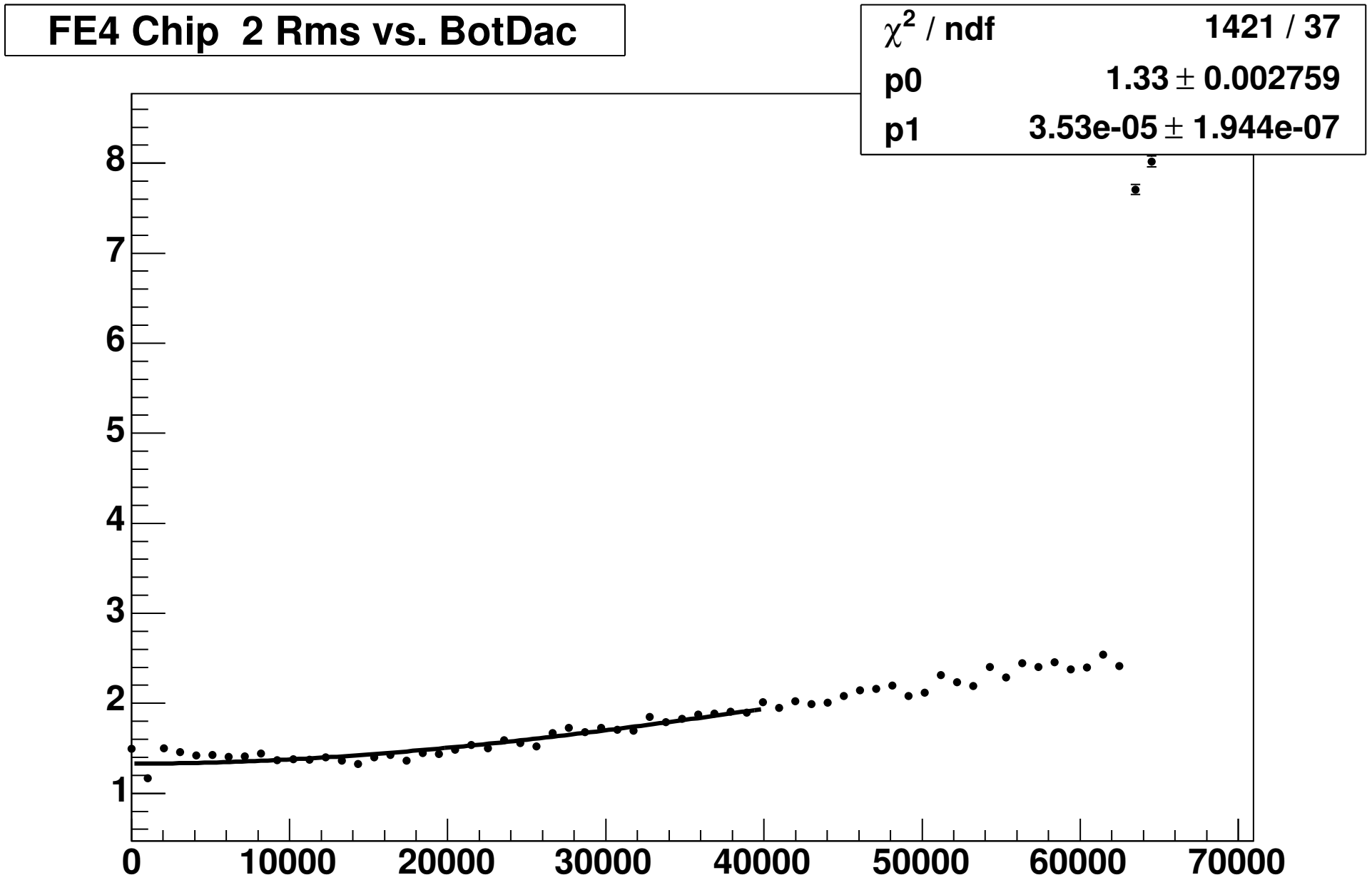
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE4 Chip 2 Rms vs. BotDac
χ² / ndf 1421 / 37
p0 1.33 ± 0.002759
p1 3.53e-05 ± 1.944e-07
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7
6
5
4
3
2
1
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50000
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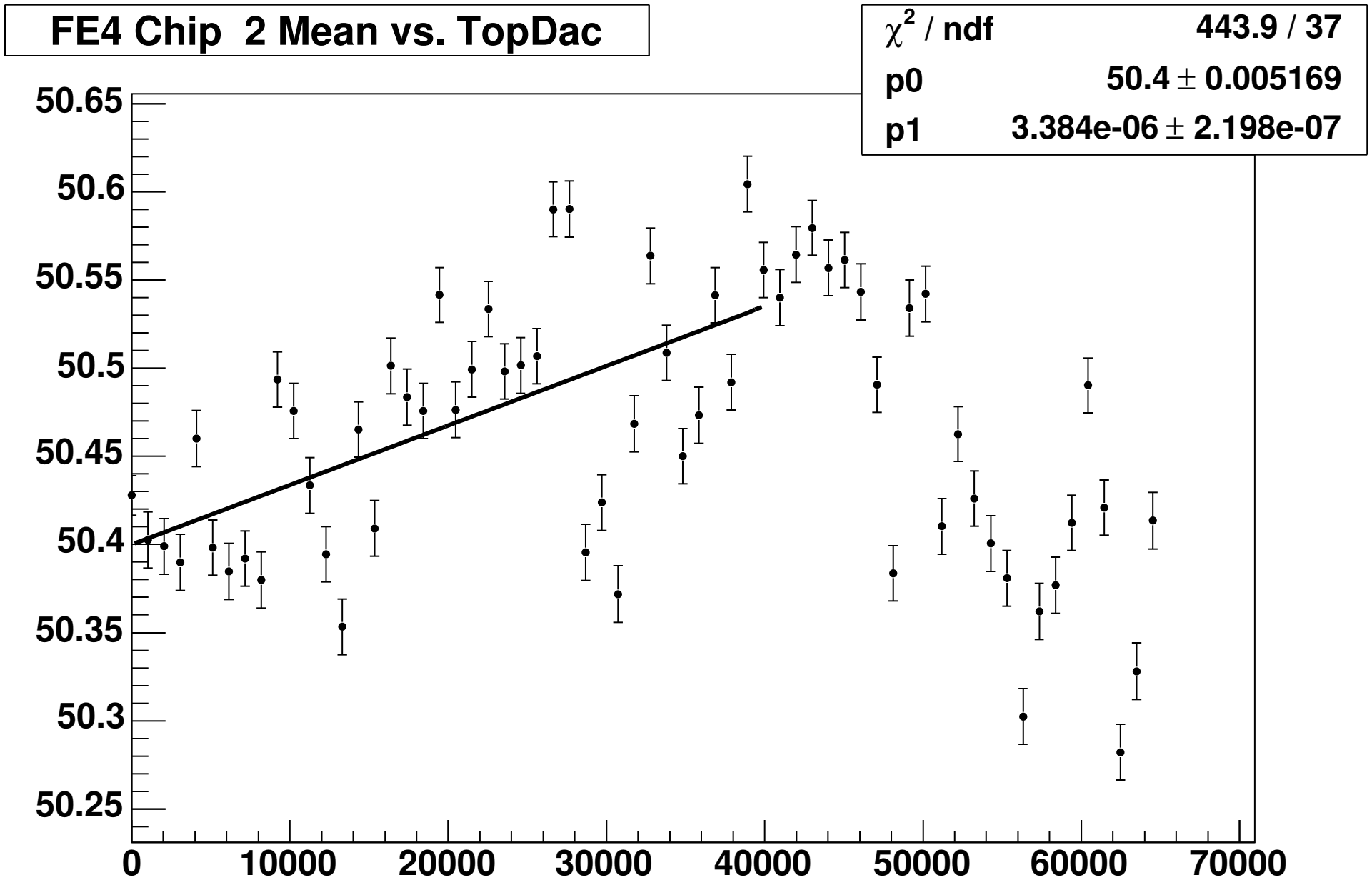
FE4 Chip 2 Mean vs. TopDac
χ² / ndf 443.9 / 37
p0 50.4 ± 0.005169
p1 3.384e-06 ± 2.198e-07
50.65
50.6
50.55
50.5
50.45
50.4
50.35
50.3
50.25
0
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50000
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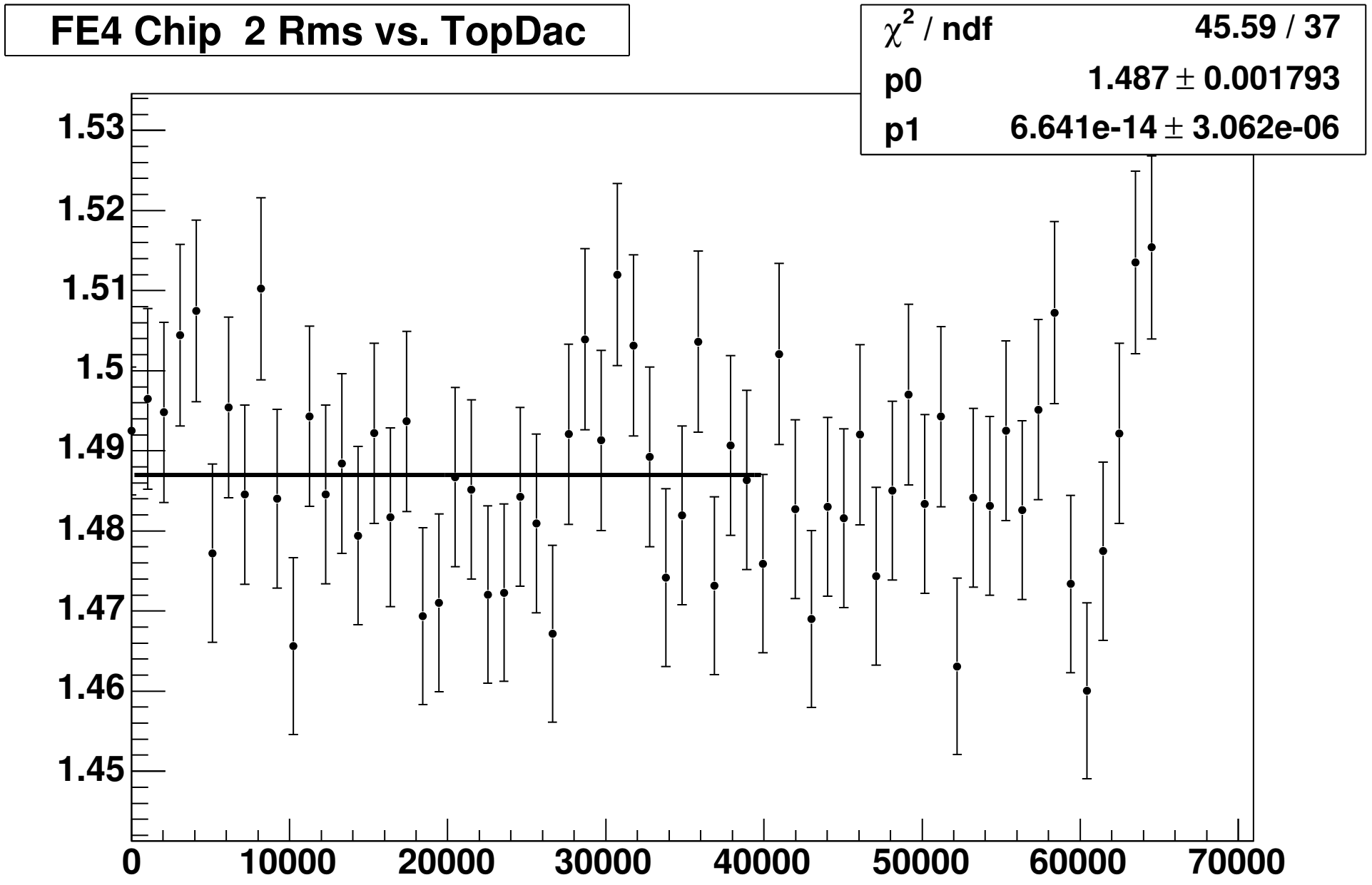
FE4 Chip 2 Rms vs. TopDac
χ² / ndf 45.59 / 37
p0 1.487 ± 0.001793
p1 6.641e-14 ± 3.062e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
0
10000
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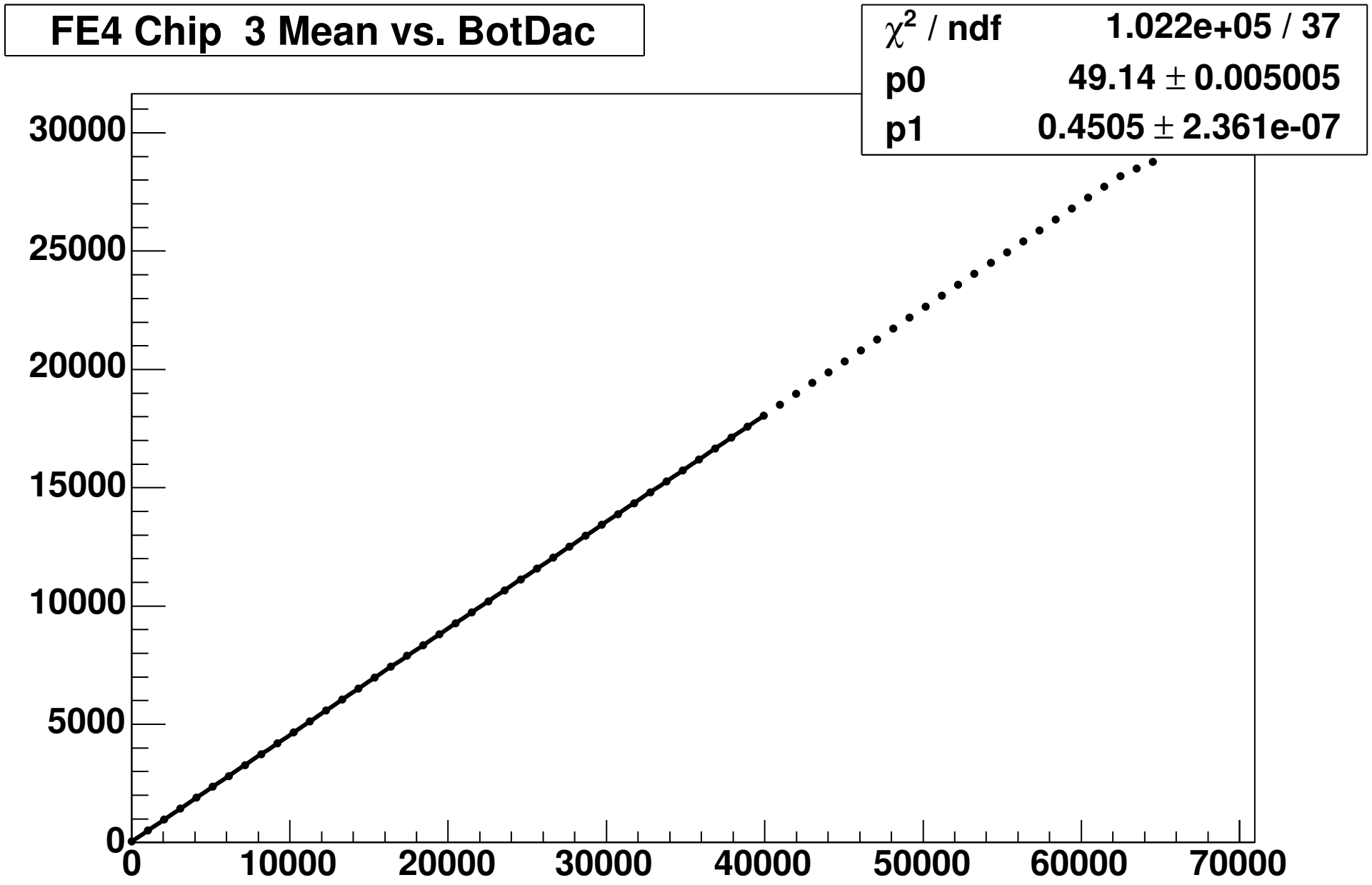
50000
60000
70000


FE4 Chip 3 Mean vs. BotDac
χ² / ndf 1.022e+05 / 37
p0 49.14 ± 0.005005
p1 0.4505 ± 2.361e-07
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15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
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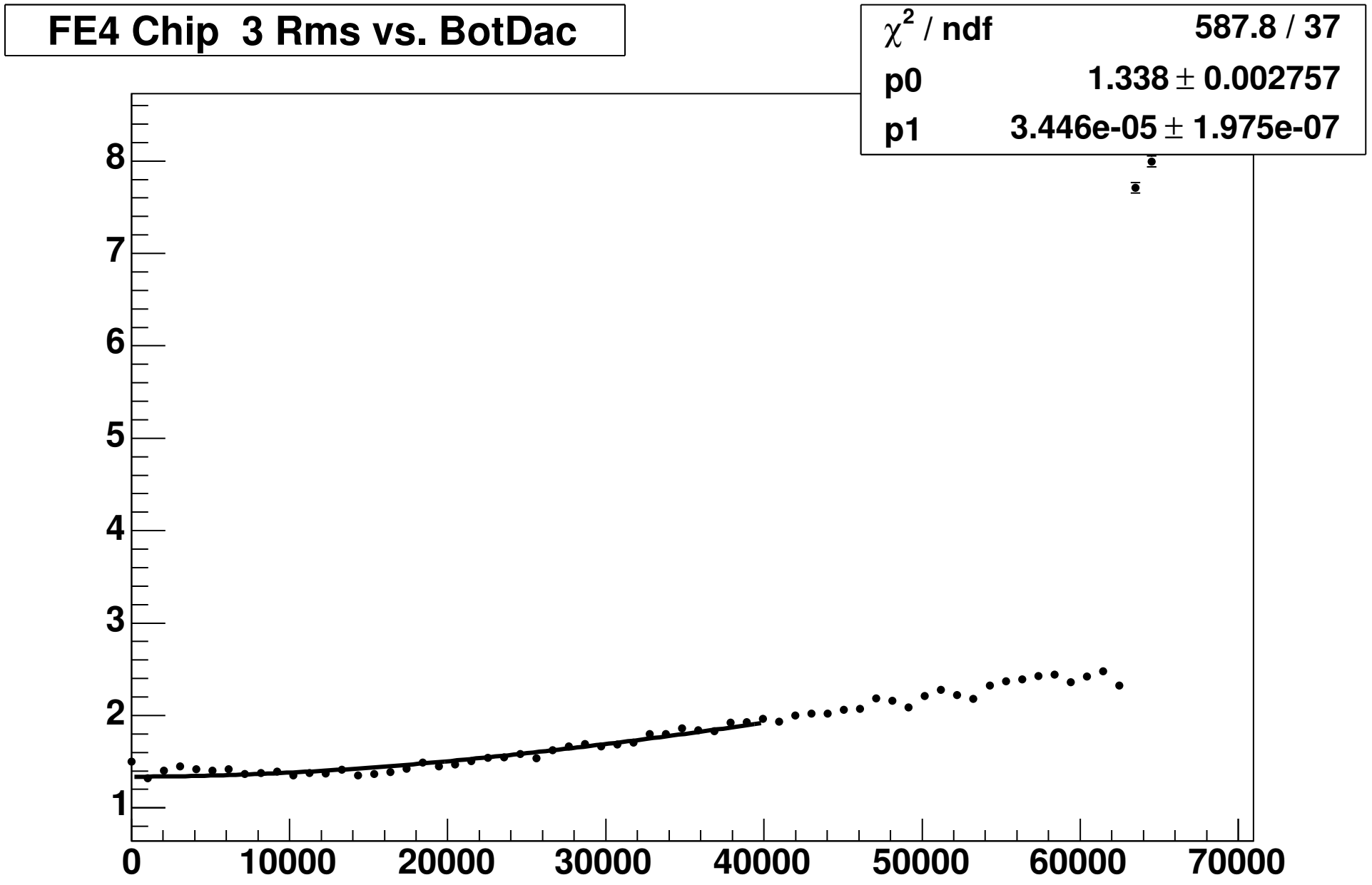
FE4 Chip 3 Rms vs. BotDac
χ² / ndf 587.8 / 37
p0 1.338 ± 0.002757
p1 3.446e-05 ± 1.975e-07
8
7
6
5
4
3
2
1
0
10000
20000
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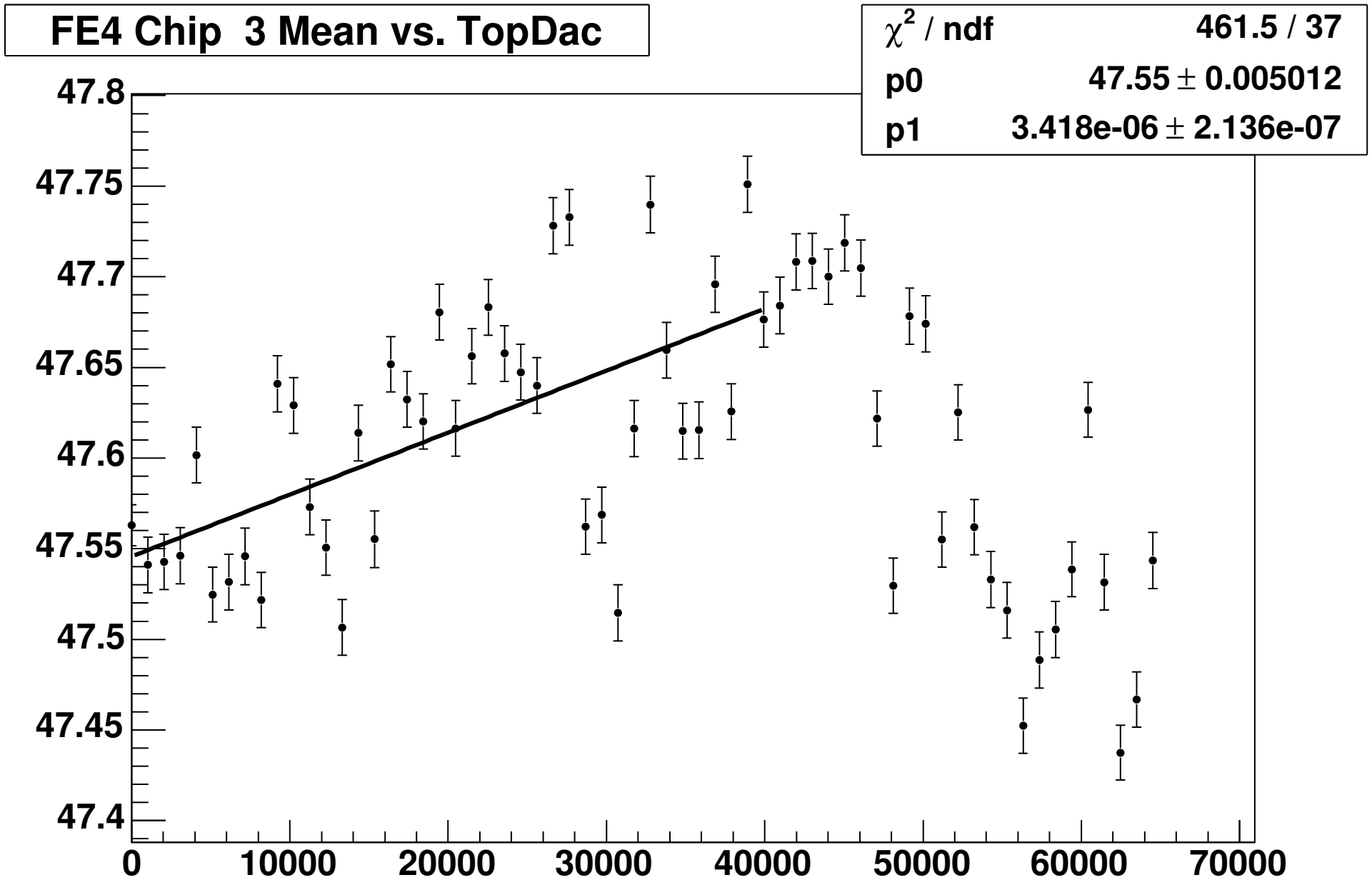
60000
70000


FE4 Chip 3 Mean vs. TopDac
χ² / ndf 461.5 / 37
p0 47.55 ± 0.005012
p1 3.418e-06 ± 2.136e-07
47.8
47.75
47.7
47.65
47.6
47.55
47.5
47.45
47.4
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10000
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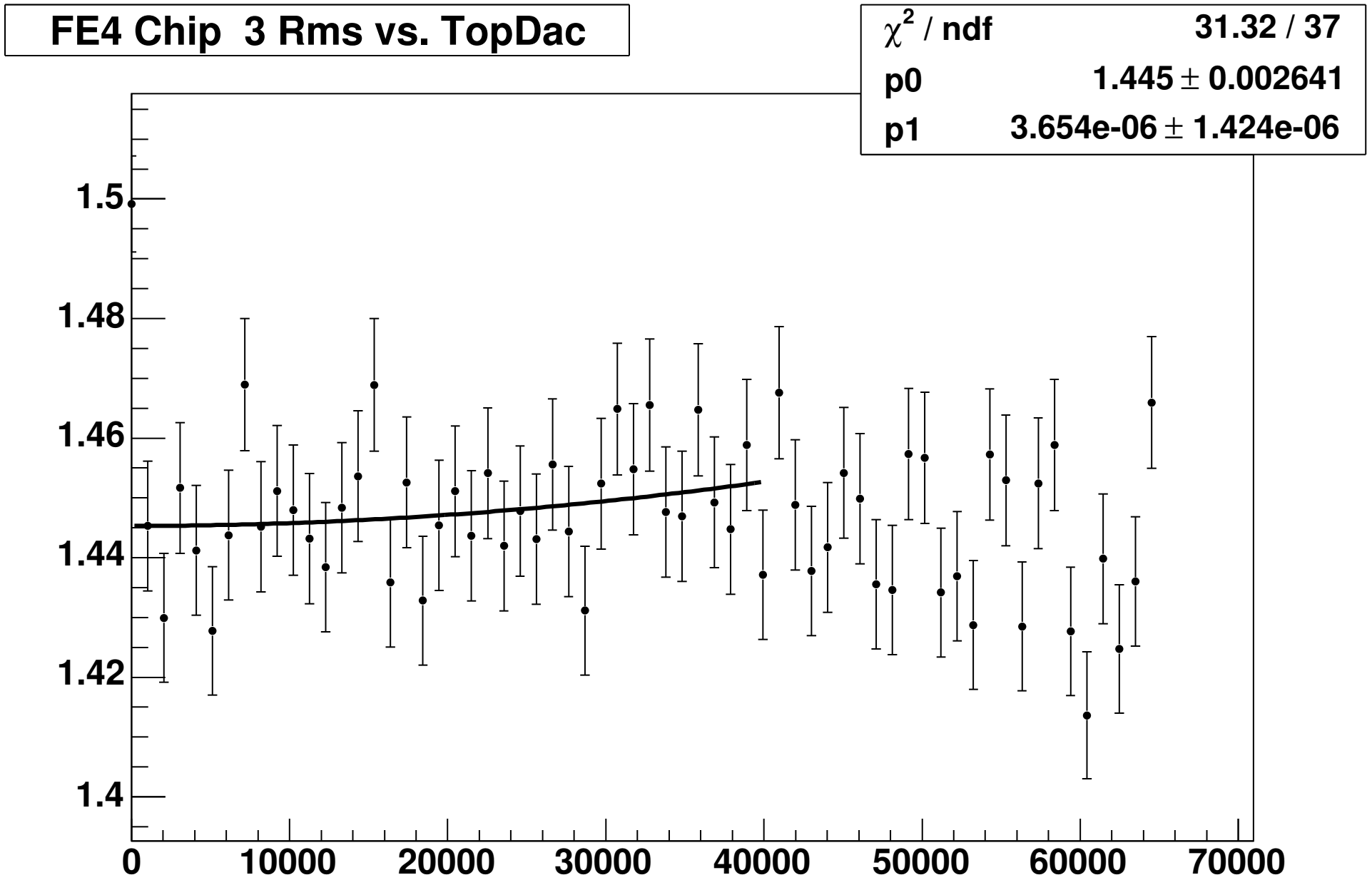
FE4 Chip 3 Rms vs. TopDac
χ² / ndf 31.32 / 37
p0 1.445 ± 0.002641
p1 3.654e-06 ± 1.424e-06
1.5
1.48
1.46
1.44
1.42
1.4
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10000
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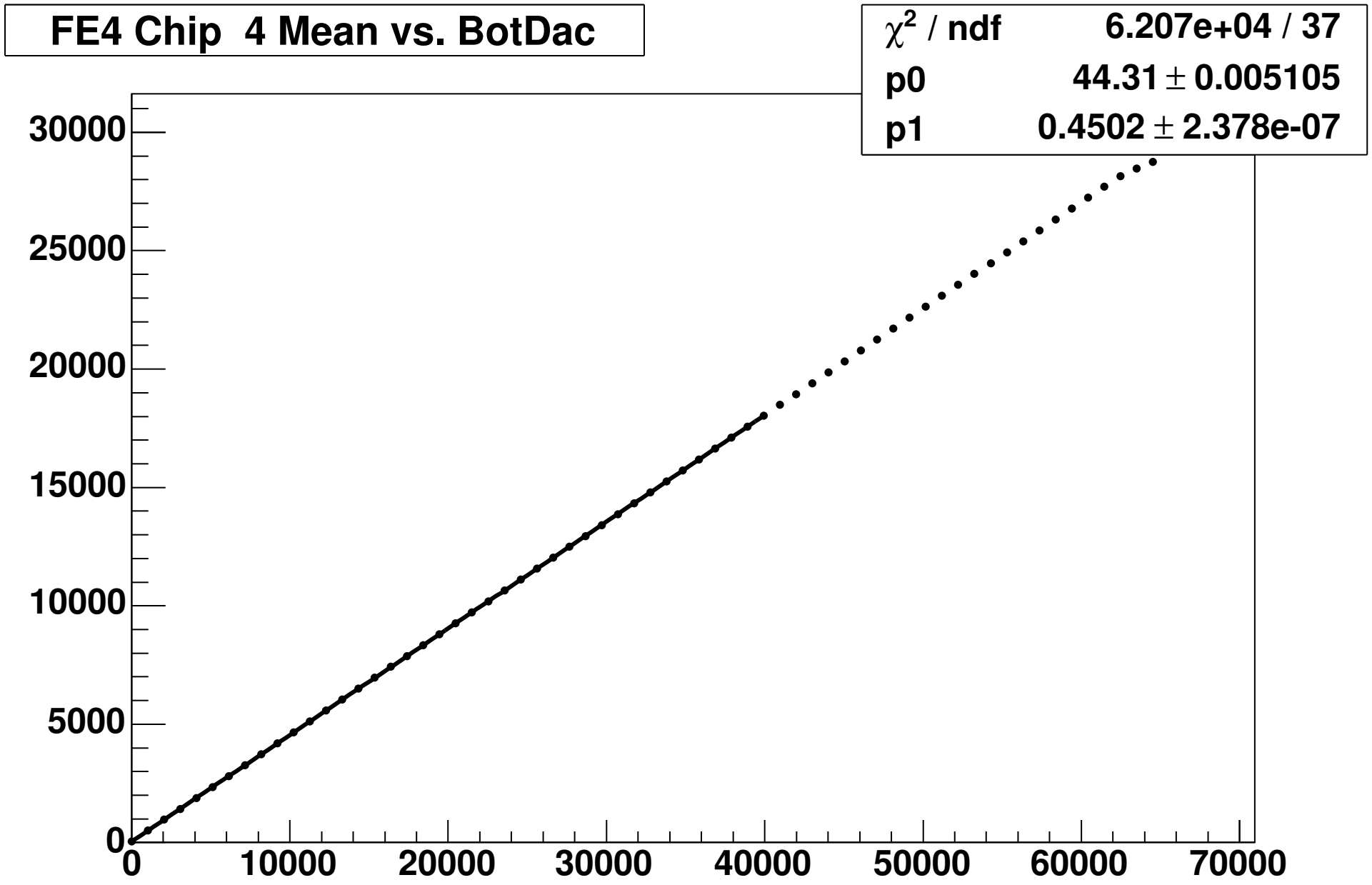
FE4 Chip 4 Mean vs. BotDac
χ² / ndf 6.207e+04 / 37
p0 44.31 ± 0.005105
p1 0.4502 ± 2.378e-07
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15000
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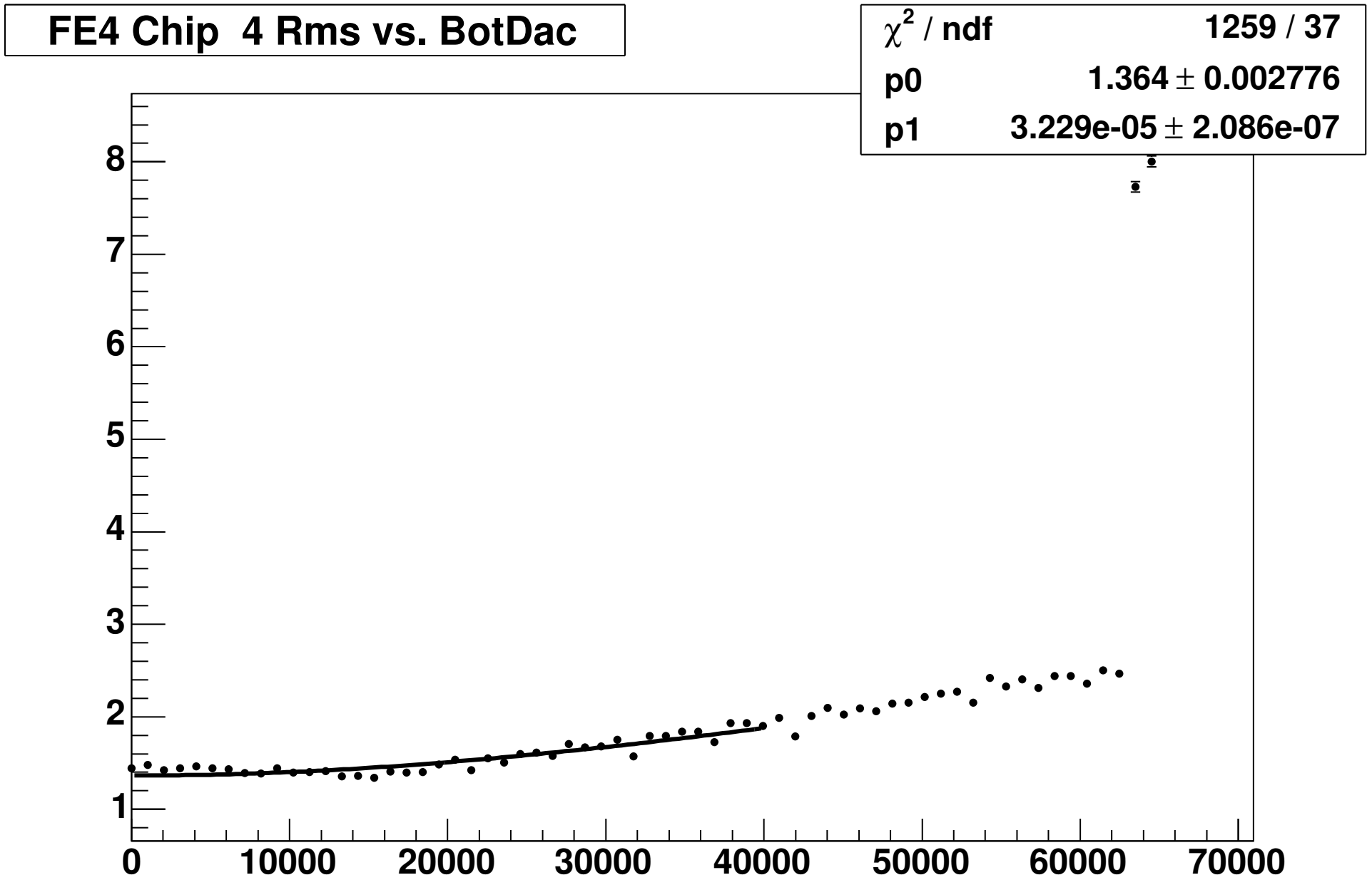
FE4 Chip 4 Rms vs. BotDac
χ² / ndf 1259 / 37
p0 1.364 ± 0.002776
p1 3.229e-05 ± 2.086e-07
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7
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5
4
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2
1
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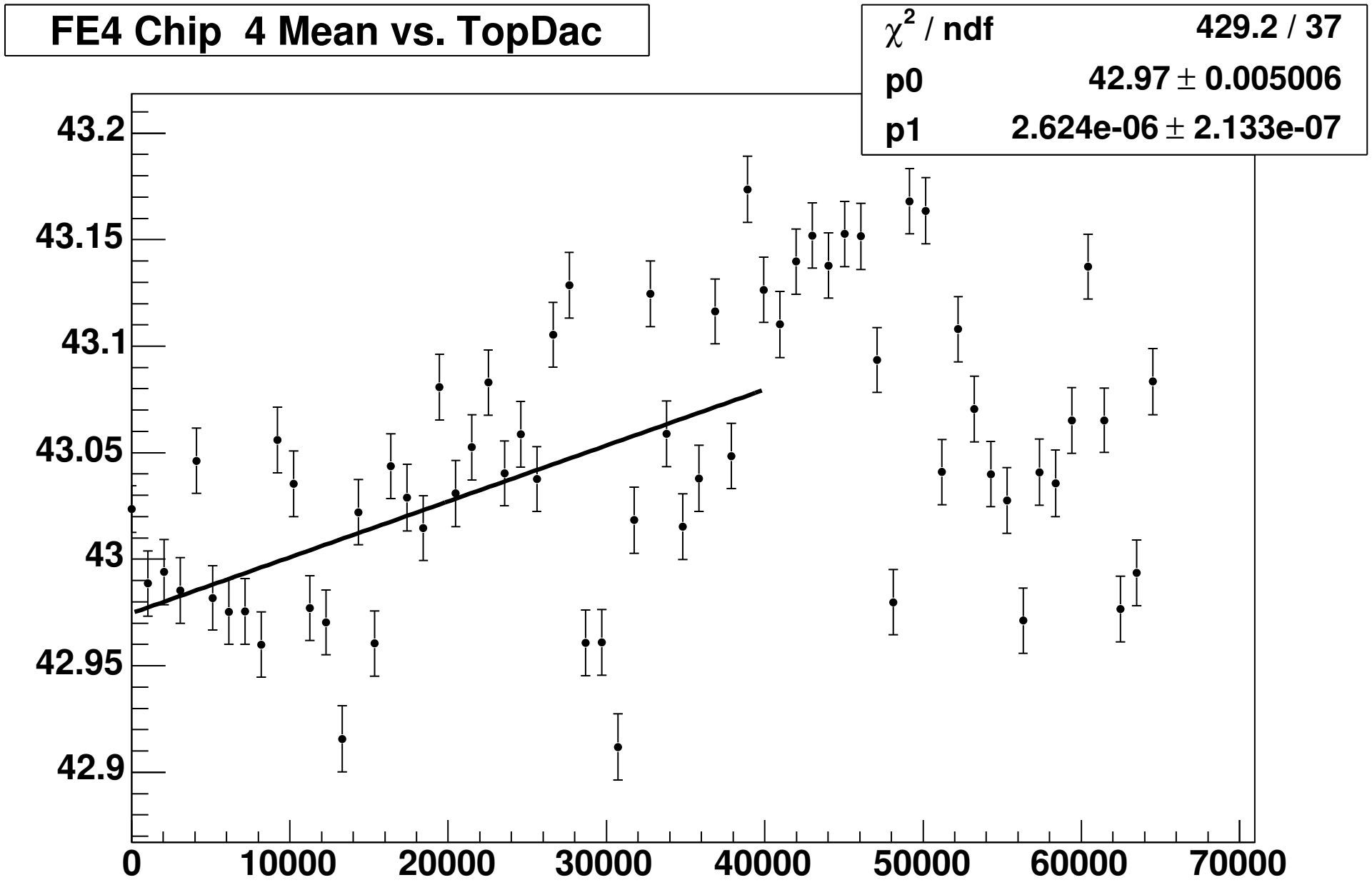
FE4 Chip 4 Mean vs. TopDac
χ² / ndf 429.2 / 37
p0 42.97 ± 0.005006
p1 2.624e-06 ± 2.133e-07
43.2
43.15
43.1
43.05
43
42.95
42.9
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20000
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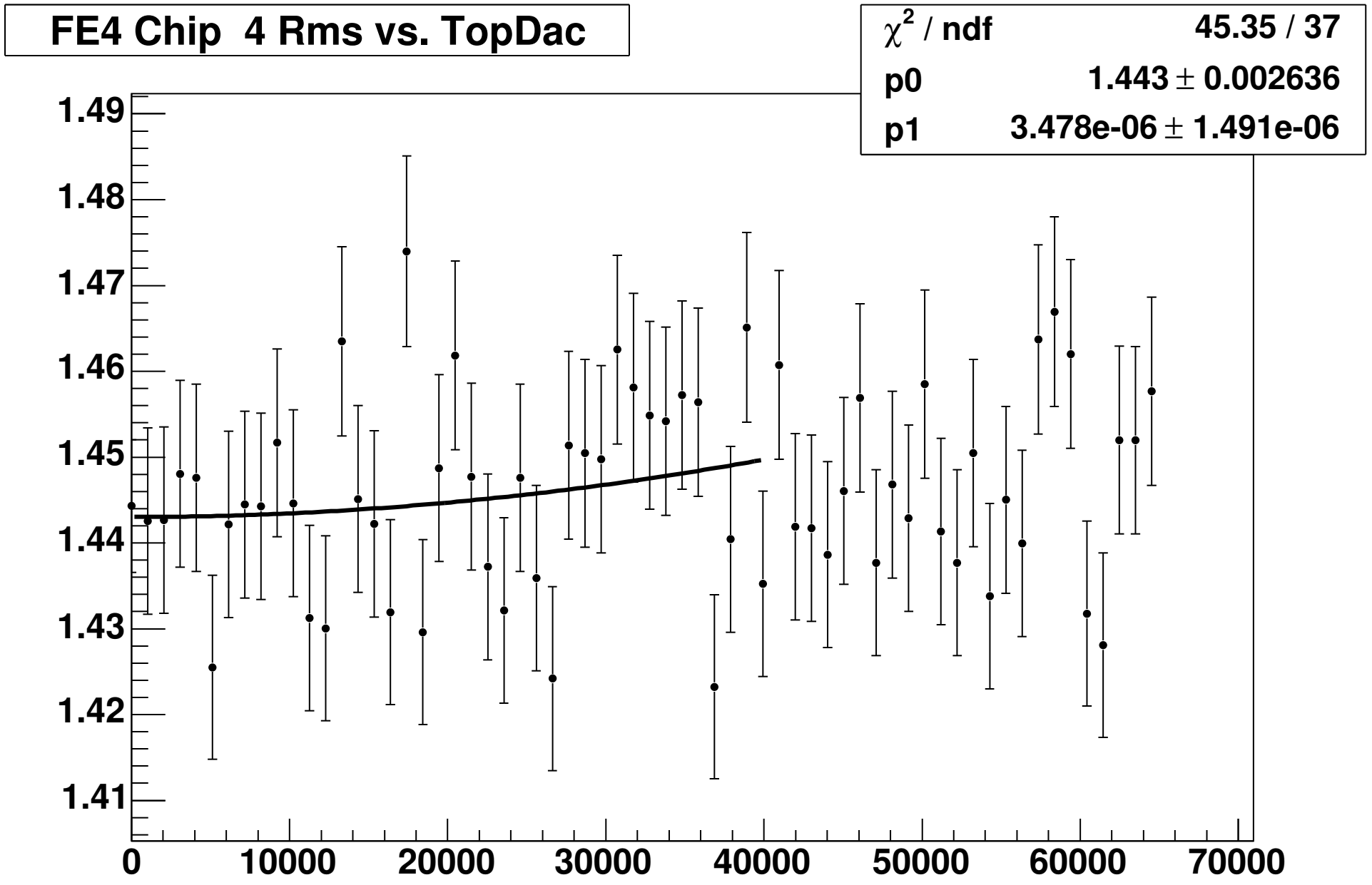
FE4 Chip 4 Rms vs. TopDac
χ² / ndf 45.35 / 37
p0 1.443 ± 0.002636
p1 3.478e-06 ± 1.491e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
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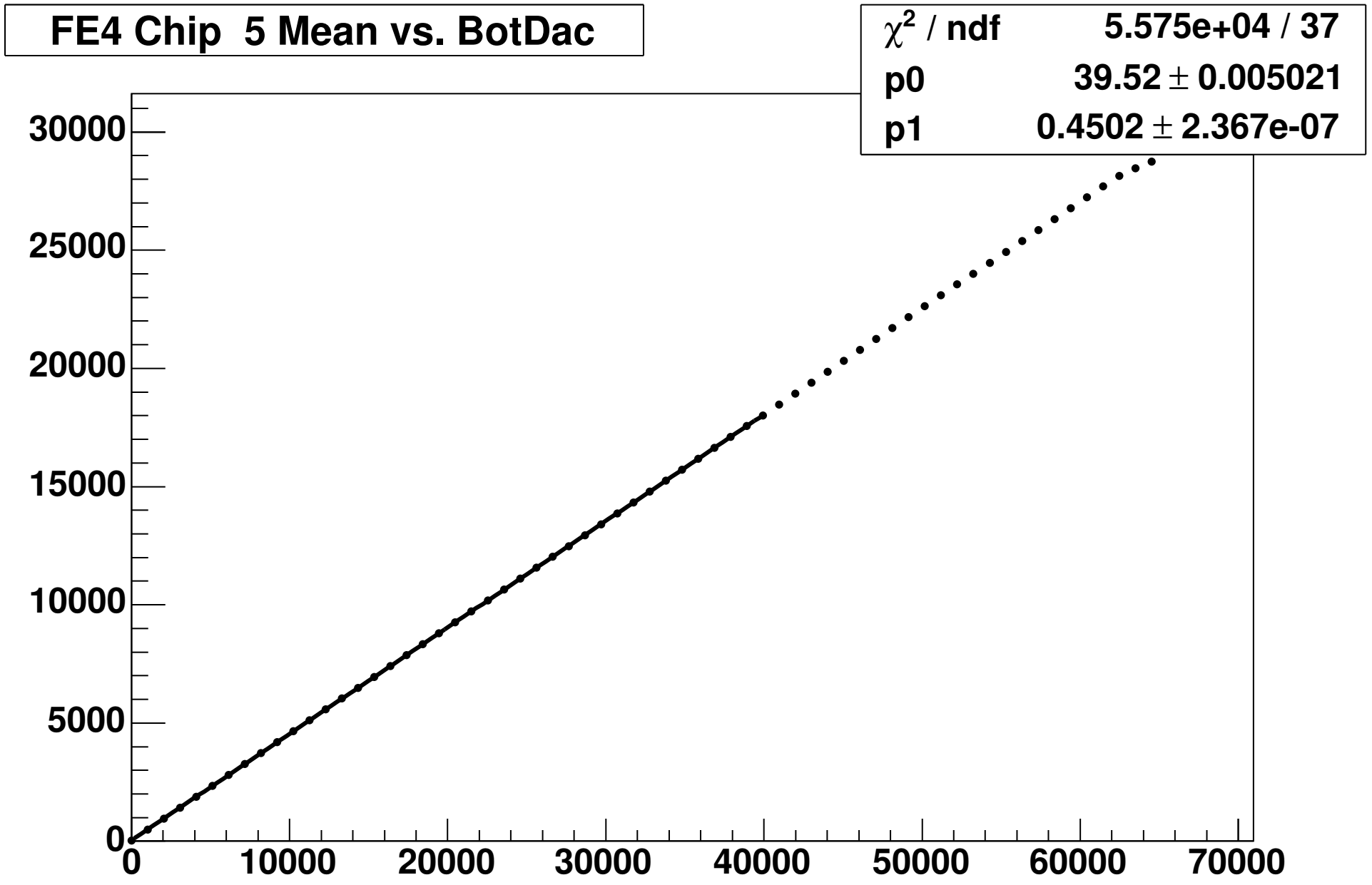
FE4 Chip 5 Mean vs. BotDac
χ² / ndf 5.575e+04 / 37
p0 39.52 ± 0.005021
p1 0.4502 ± 2.367e-07
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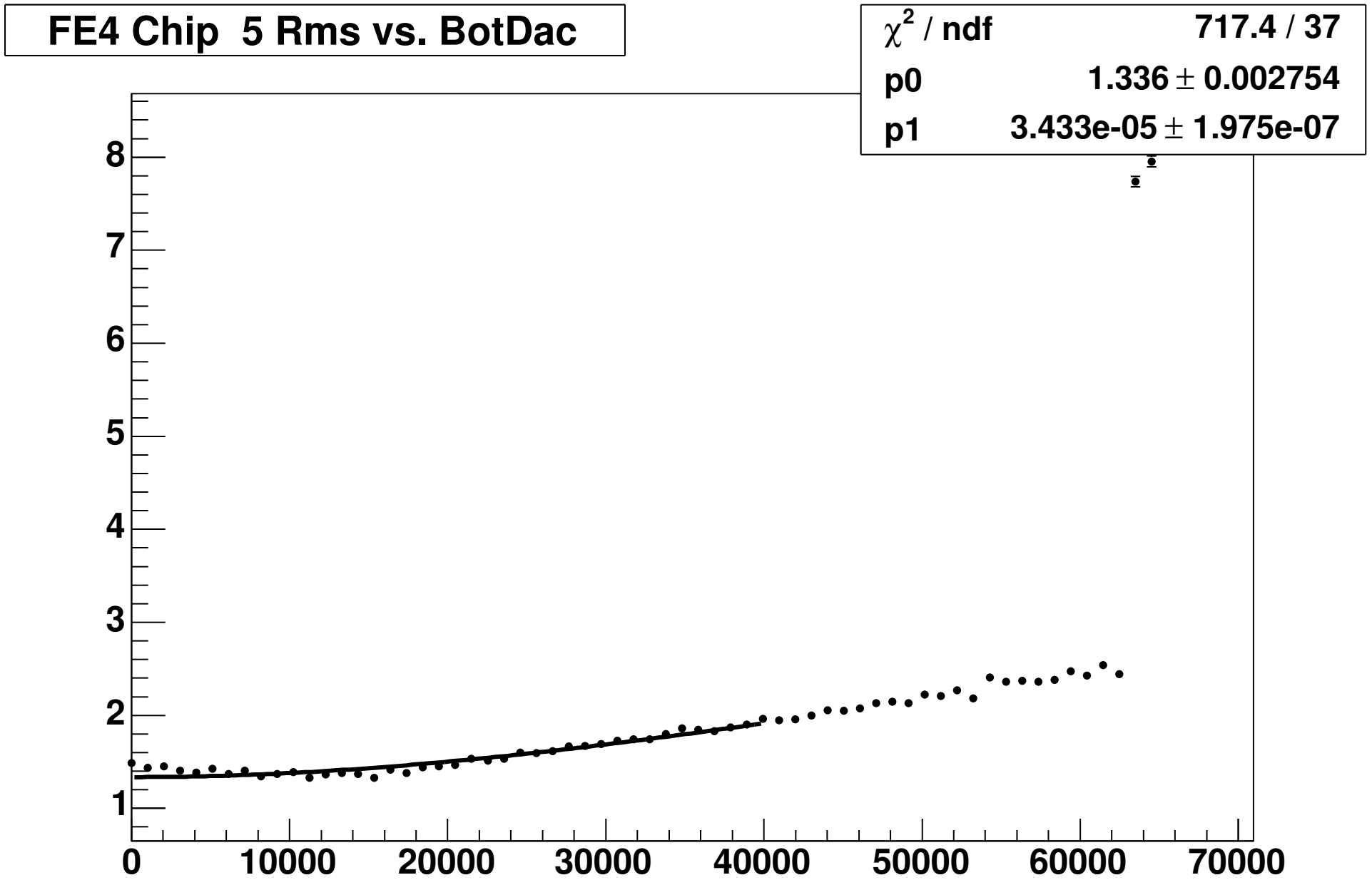
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE4 Chip 5 Rms vs. BotDac
χ² / ndf 717.4 / 37
p0 1.336 ± 0.002754
p1 3.433e-05 ± 1.975e-07
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5
4
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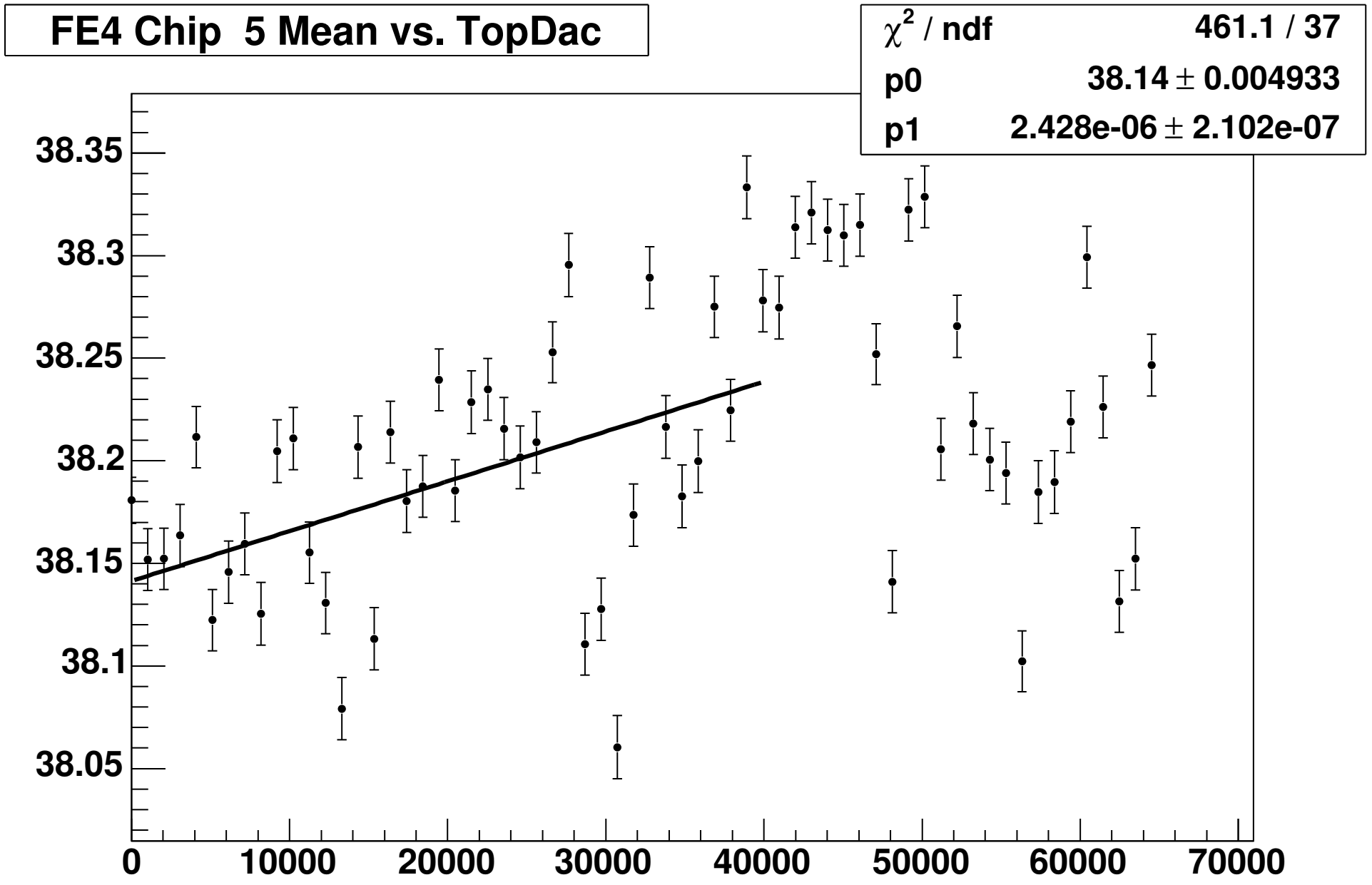
FE4 Chip 5 Mean vs. TopDac
χ² / ndf 461.1 / 37
p0 38.14 ± 0.004933
p1 2.428e-06 ± 2.102e-07
38.35
38.3
38.25
38.2
38.15
38.1
38.05
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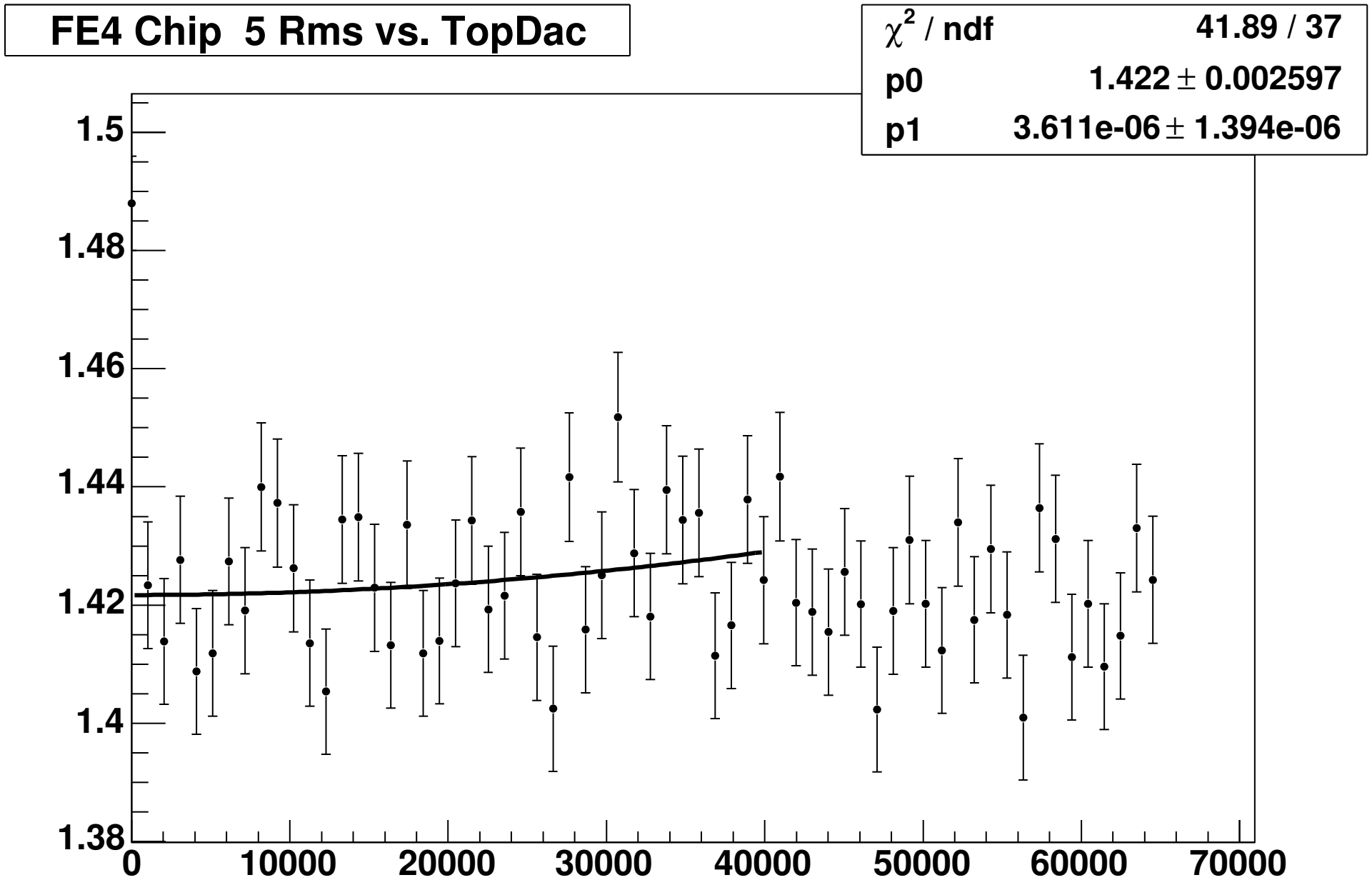
FE4 Chip 5 Rms vs. TopDac
χ² / ndf 41.89 / 37
p0 1.422 ± 0.002597
p1 3.611e-06 ± 1.394e-06
1.5
1.48
1.46
1.44
1.42
1.4
1.38
0
10000
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30000
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50000
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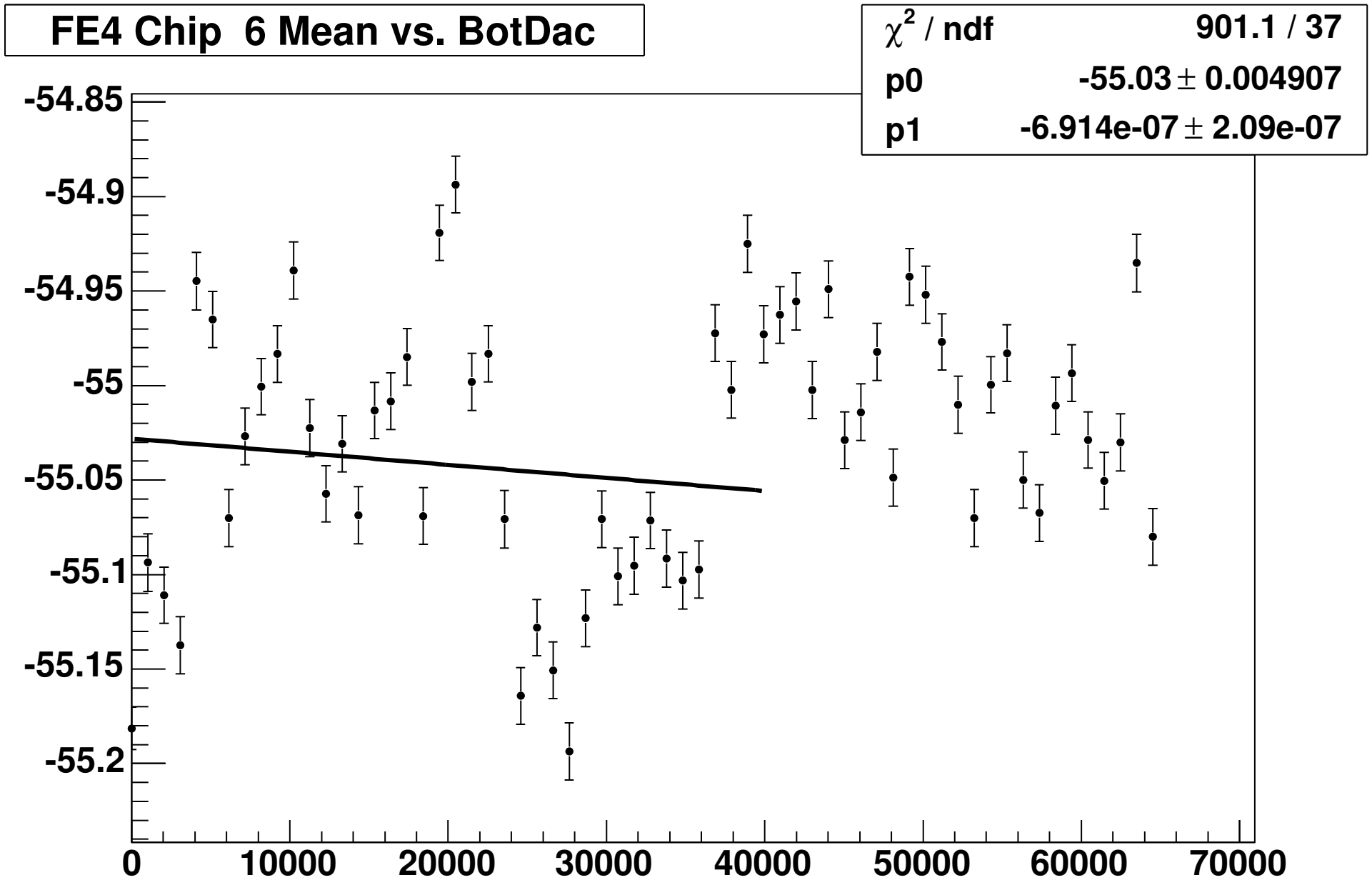
FE4 Chip 6 Mean vs. BotDac
χ² / ndf 901.1 / 37
p0 -55.03 ± 0.004907
p1 -6.914e-07 ± 2.09e-07
-54.85
-54.9
-54.95
-55
-55.05
-55.1
-55.15
-55.2
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10000
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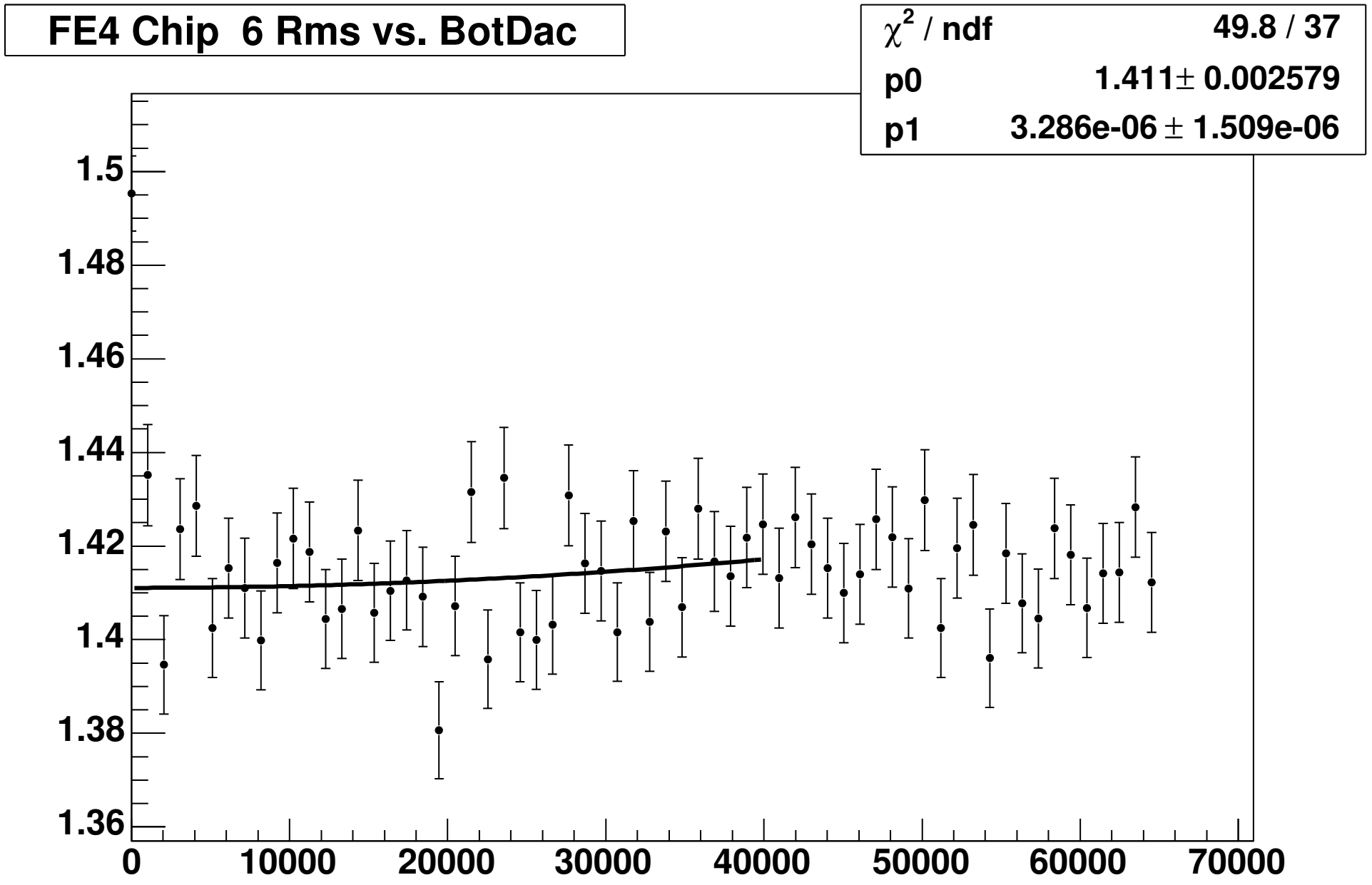
FE4 Chip 6 Rms vs. BotDac
χ² / ndf 49.8 / 37
p0 1.411 ± 0.002579
p1 3.286e-06 ± 1.509e-06
1.5
1.48
1.46
1.44
1.42
1.4
1.38
1.36
0
10000
20000
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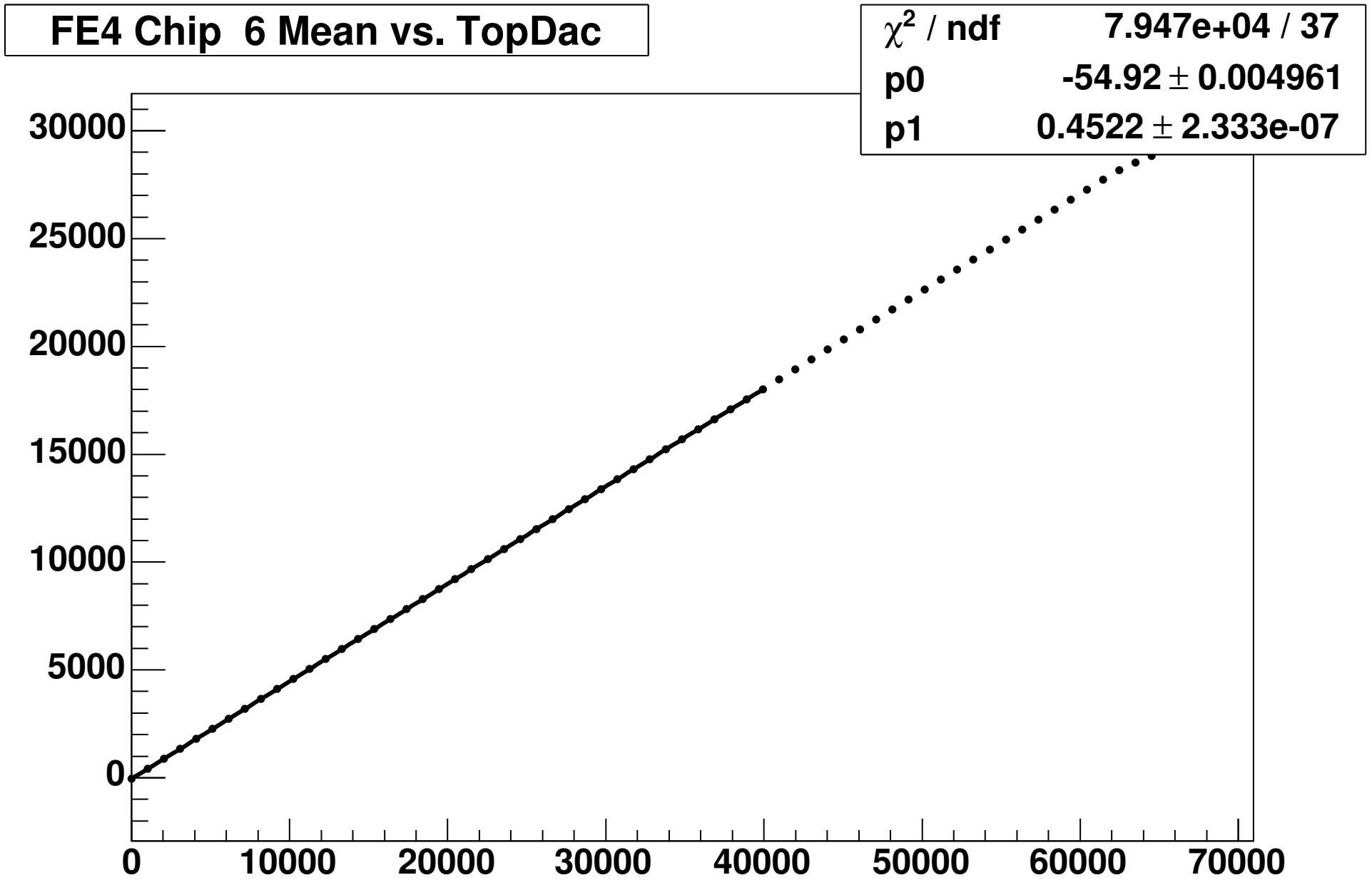
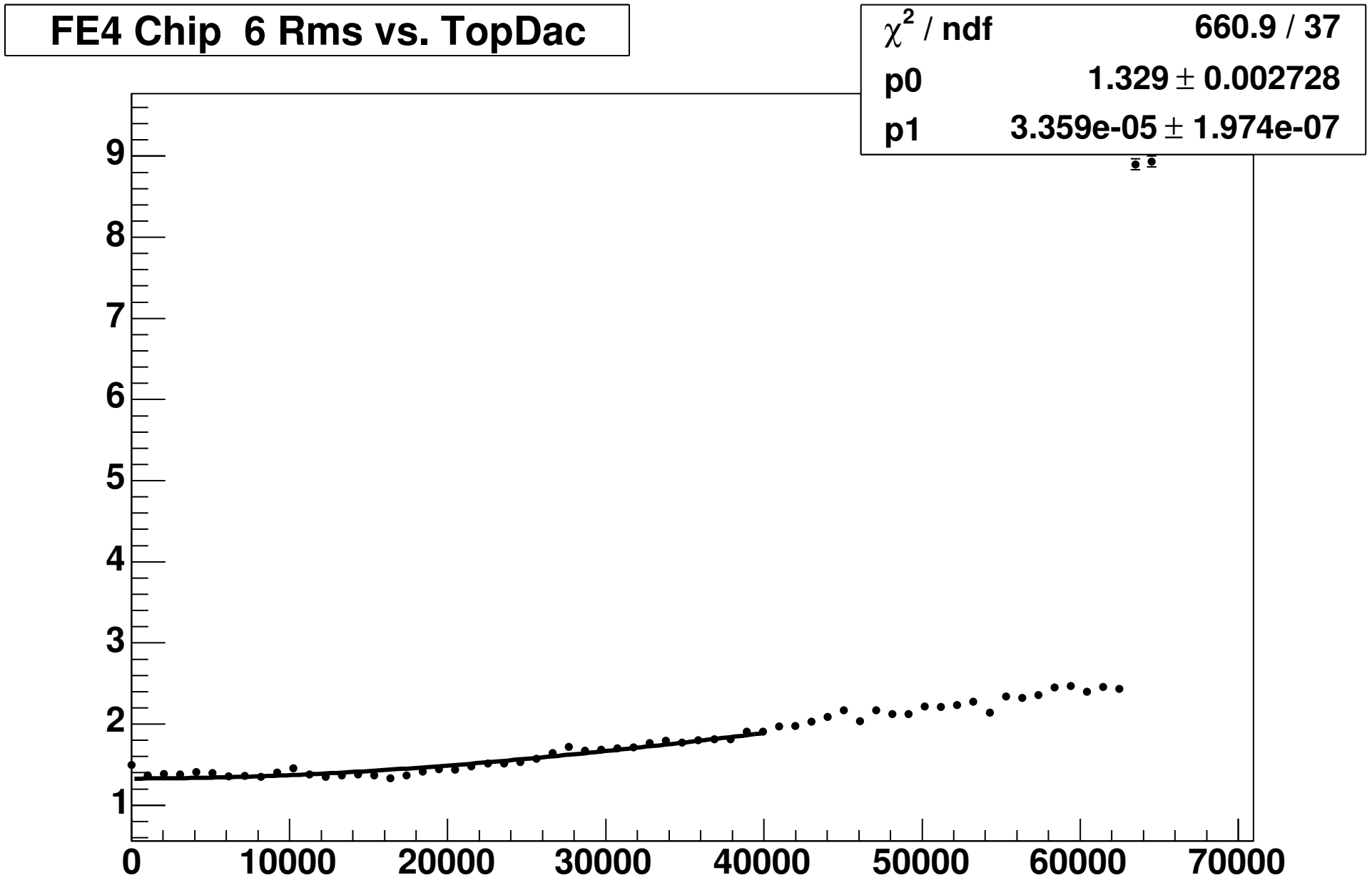
60000
70000


FE4 Chip 6 Mean vs. TopDac
χ² / ndf 7.947e+04 / 37
p0 -54.92 ± 0.004961
p1 0.4522 ± 2.333e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE4 Chip 6 Rms vs. TopDac
χ² / ndf 660.9 / 37
p0 1.329 ± 0.002728
p1 3.359e-05 ± 1.974e-07
9
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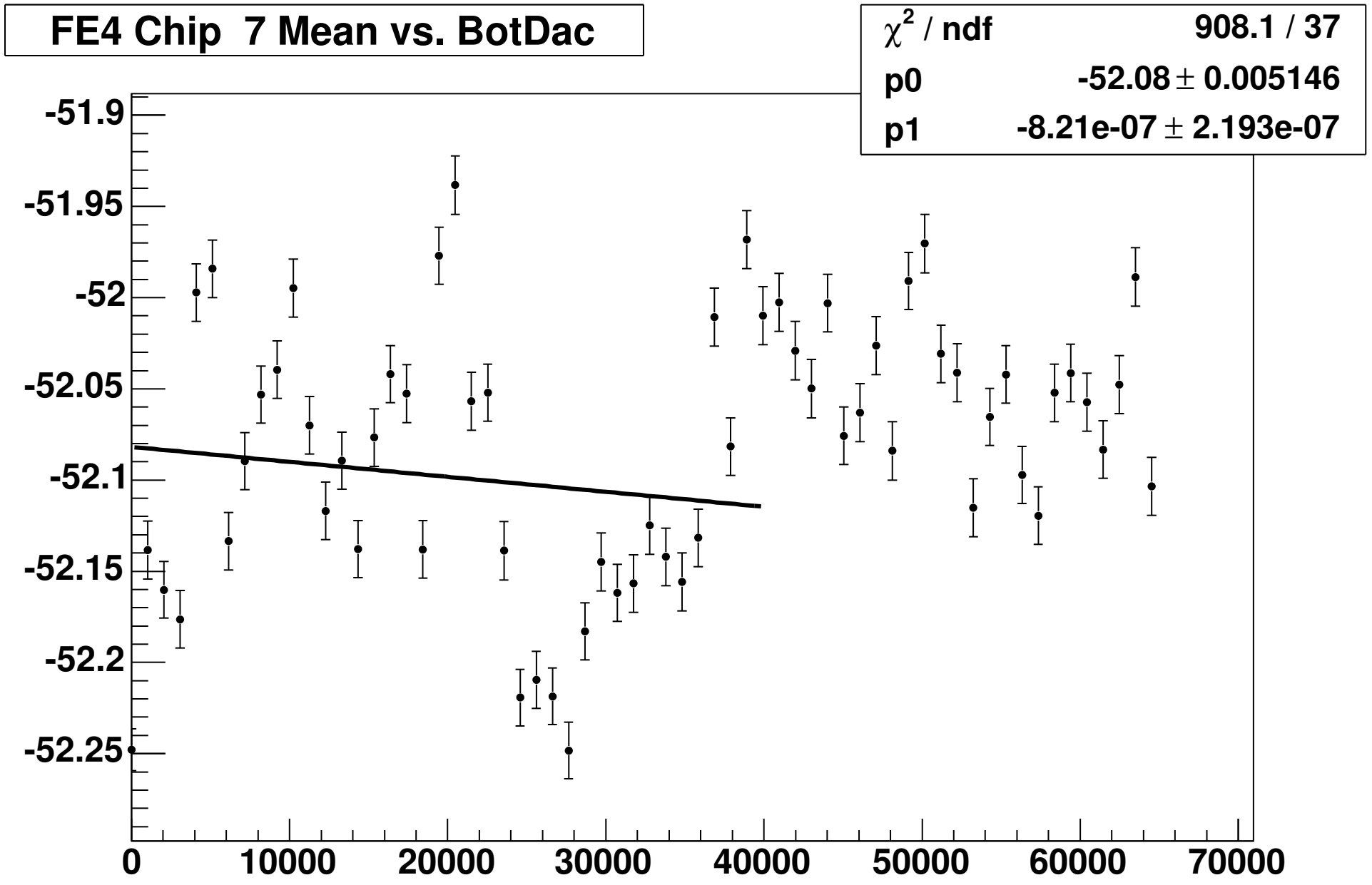
FE4 Chip 7 Mean vs. BotDac
χ^2 / ndf 908.1 / 37
p0 -52.08 ± 0.005146
p1 -8.21e-07 ± 2.193e-07
-51.9
-51.95
-52
-52.05
-52.1
-52.15
-52.2
-52.25
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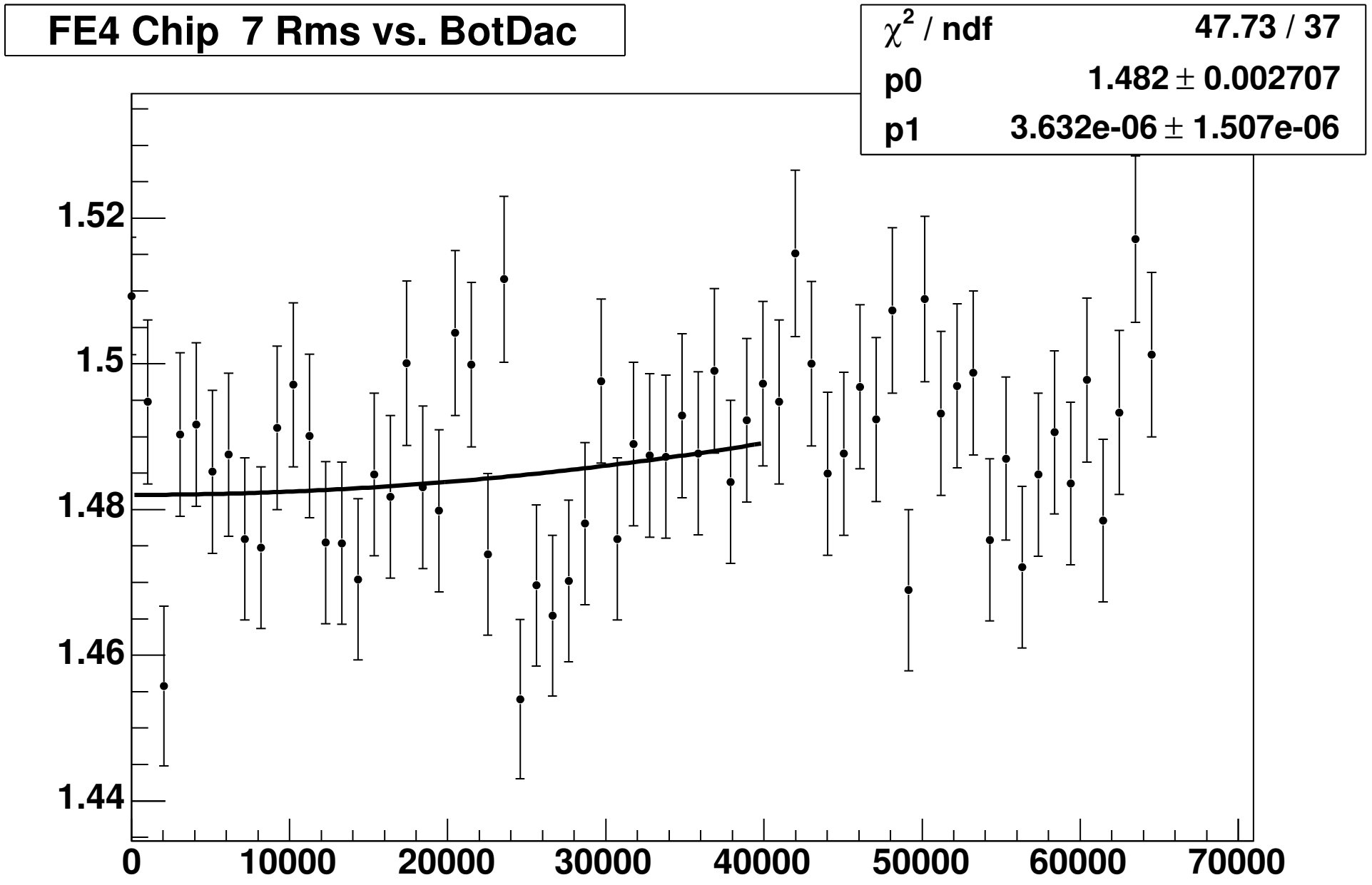
FE4 Chip 7 Rms vs. BotDac
χ² / ndf 47.73 / 37
p0 1.482 ± 0.002707
p1 3.632e-06 ± 1.507e-06
1.52
1.5
1.48
1.46
1.44
0
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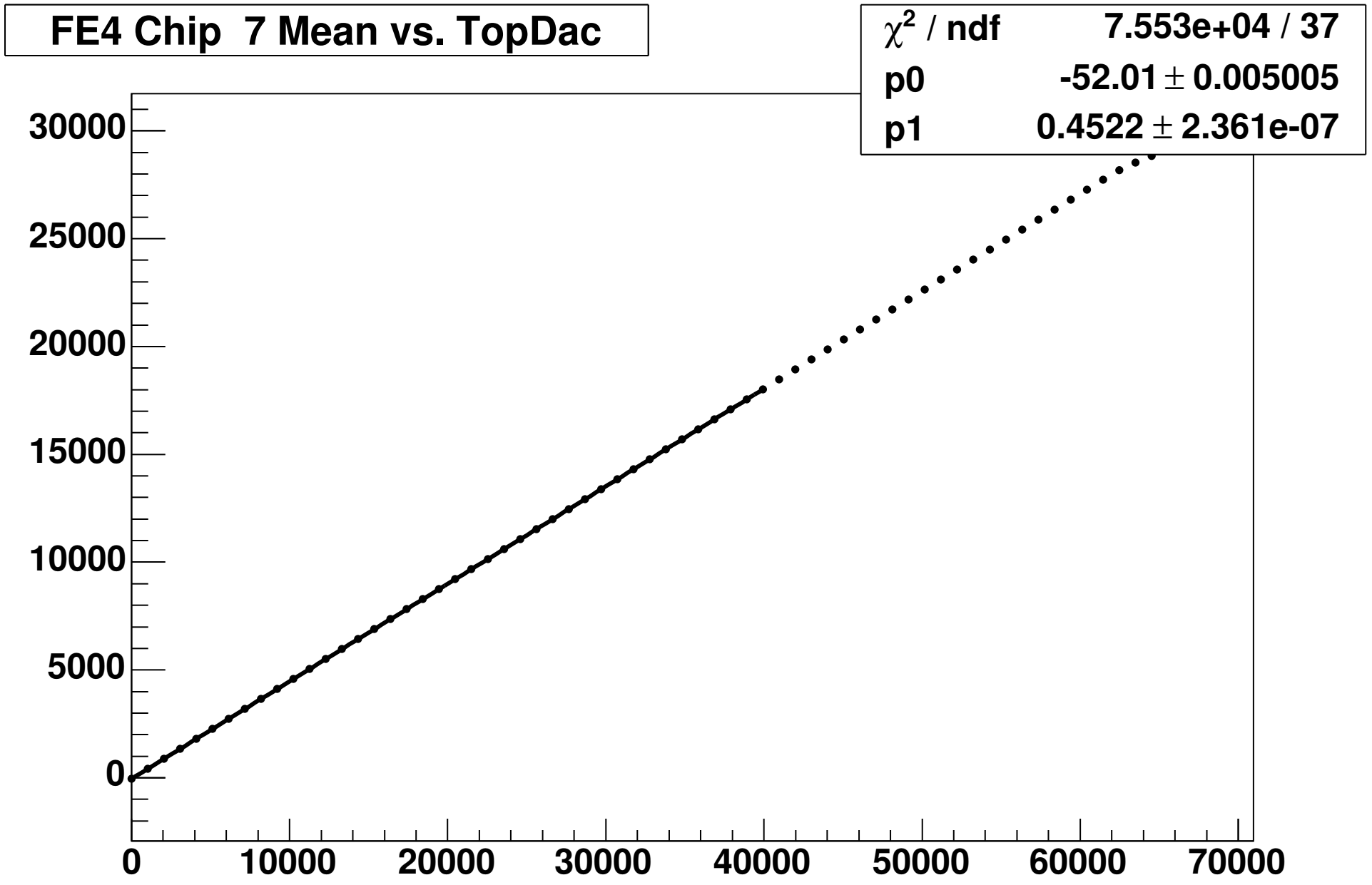
FE4 Chip 7 Mean vs. TopDac
χ² / ndf 7.553e+04 / 37
p0 -52.01 ± 0.005005
p1 0.4522 ± 2.361e-07
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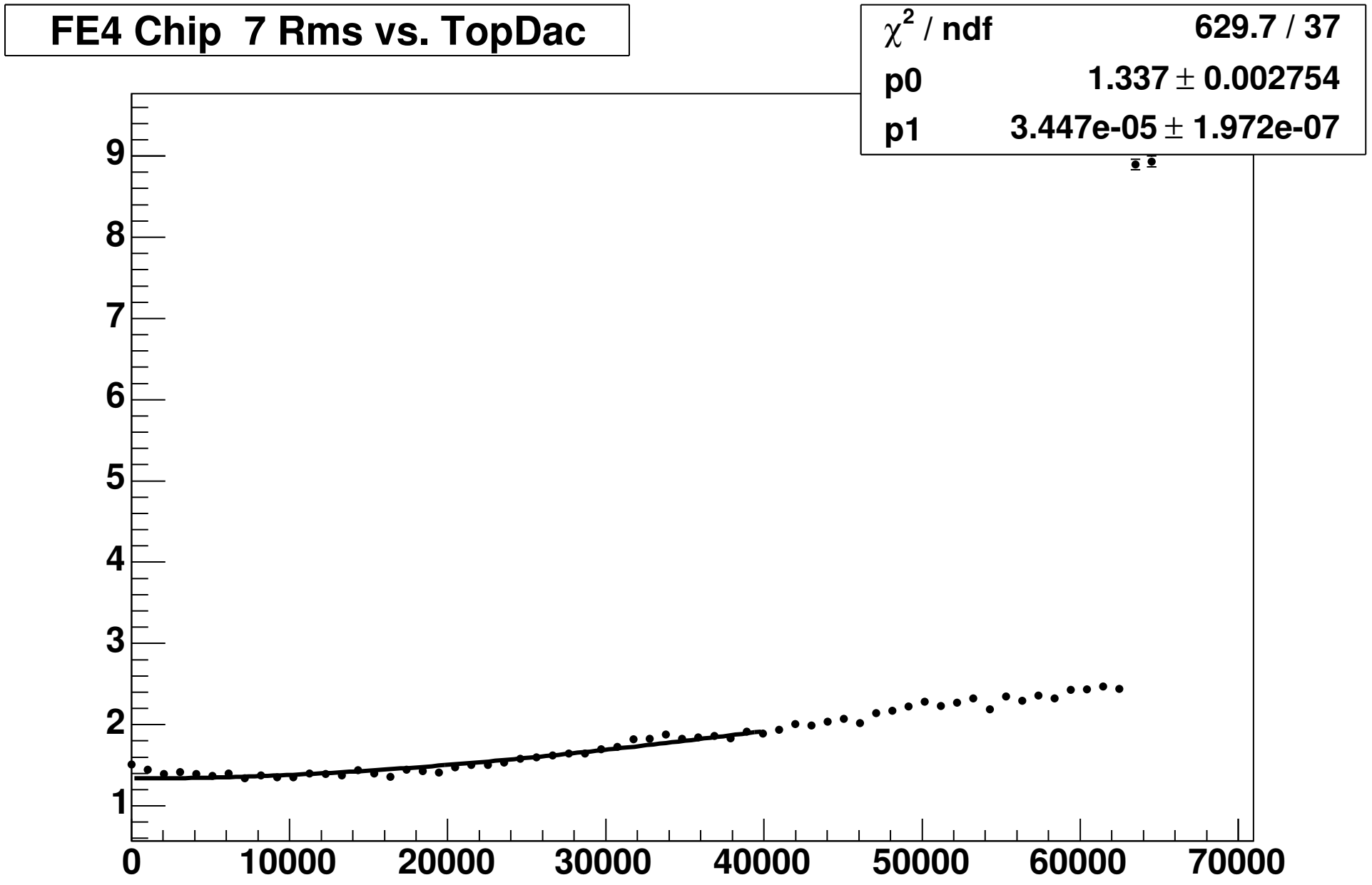
FE4 Chip 7 Rms vs. TopDac
χ² / ndf 629.7 / 37
p0 1.337 ± 0.002754
p1 3.447e-05 ± 1.972e-07
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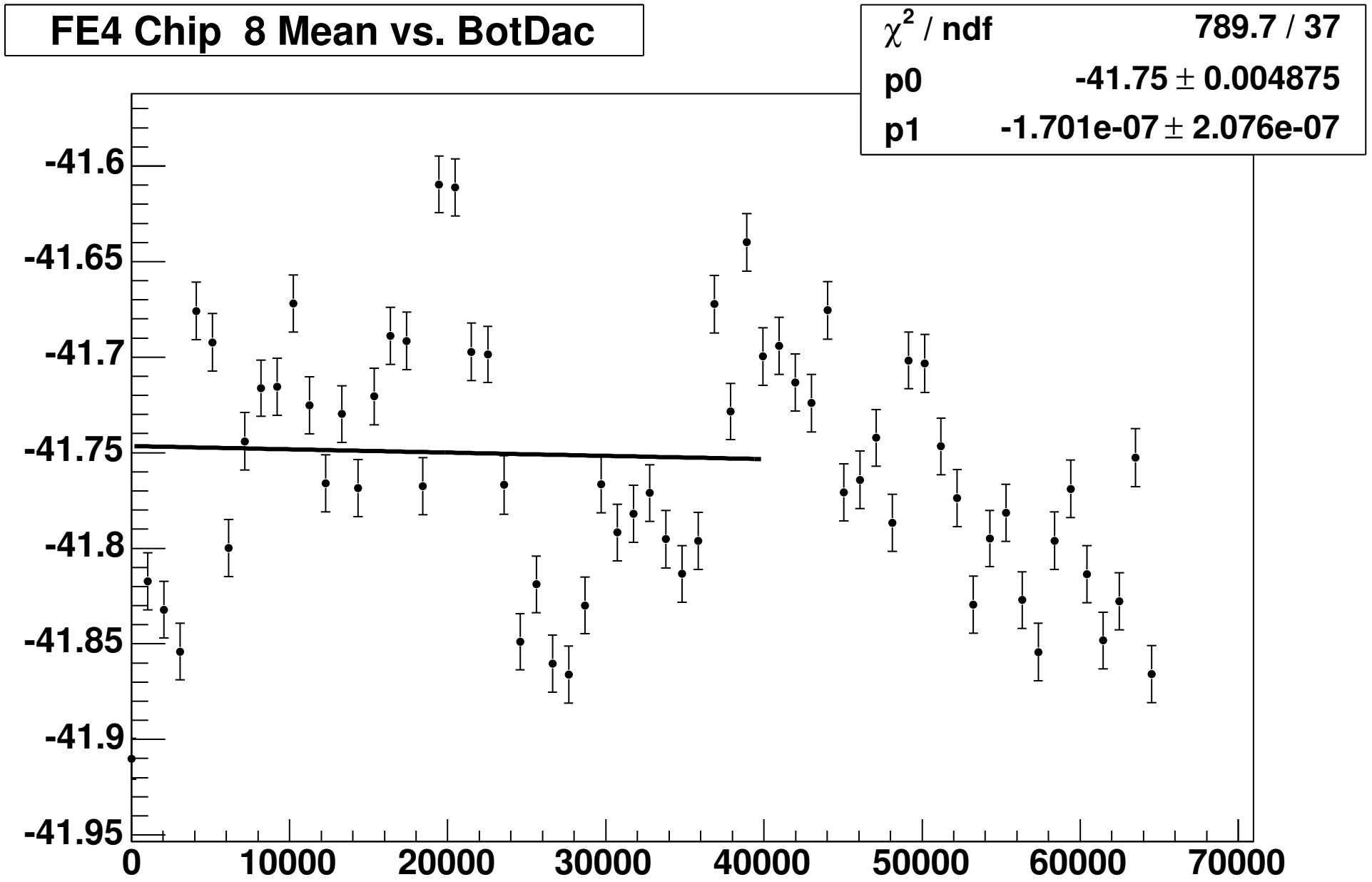
FE4 Chip 8 Mean vs. BotDac
χ² / ndf 789.7 / 37
p0 -41.75 ± 0.004875
p1 -1.701e-07 ± 2.076e-07
-41.6
-41.65
-41.7
-41.75
-41.8
-41.85
-41.9
-41.95
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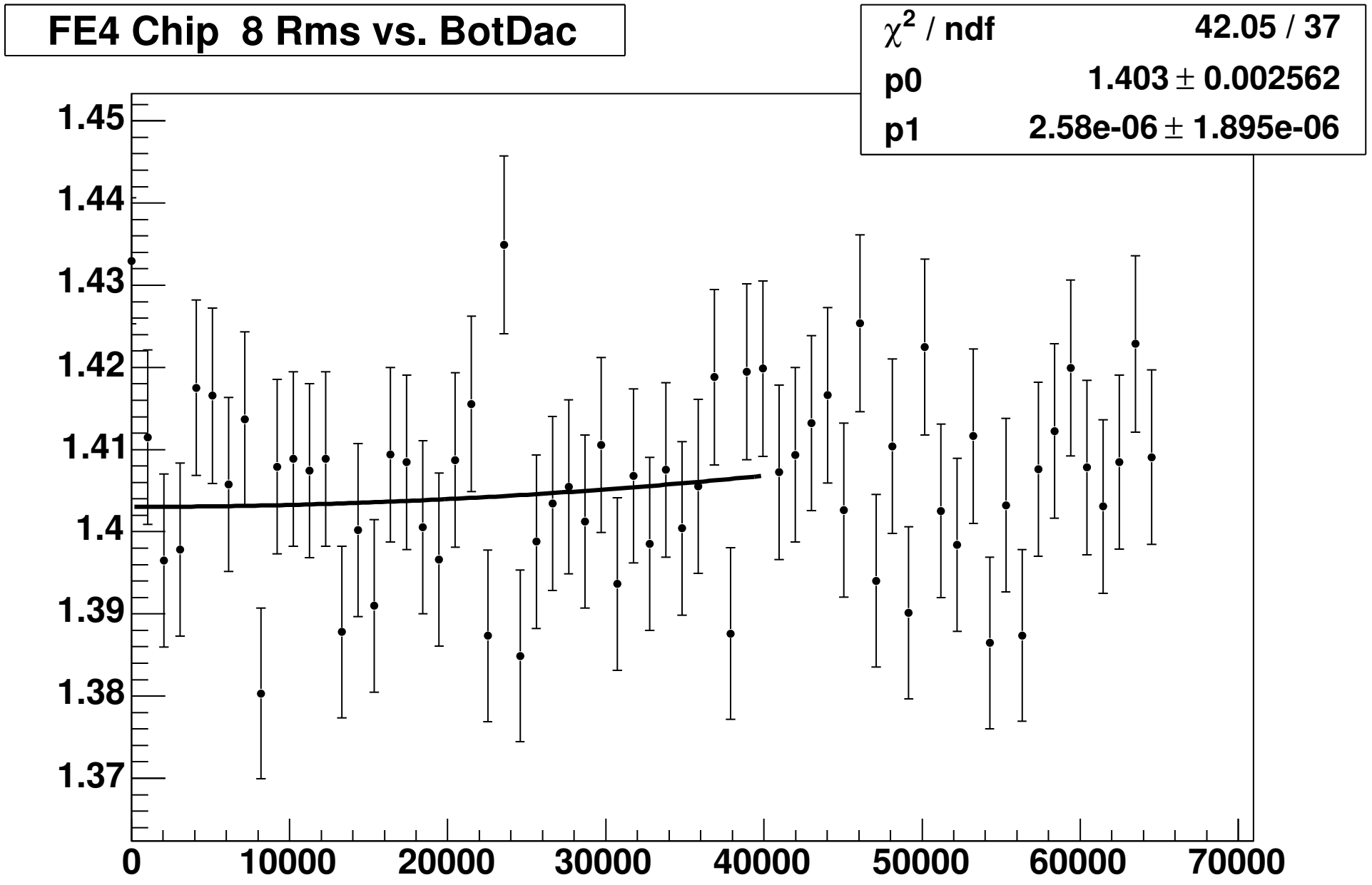
FE4 Chip 8 Rms vs. BotDac
χ² / ndf 42.05 / 37
p0 1.403 ± 0.002562
p1 2.58e-06 ± 1.895e-06
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
1.37
0
10000
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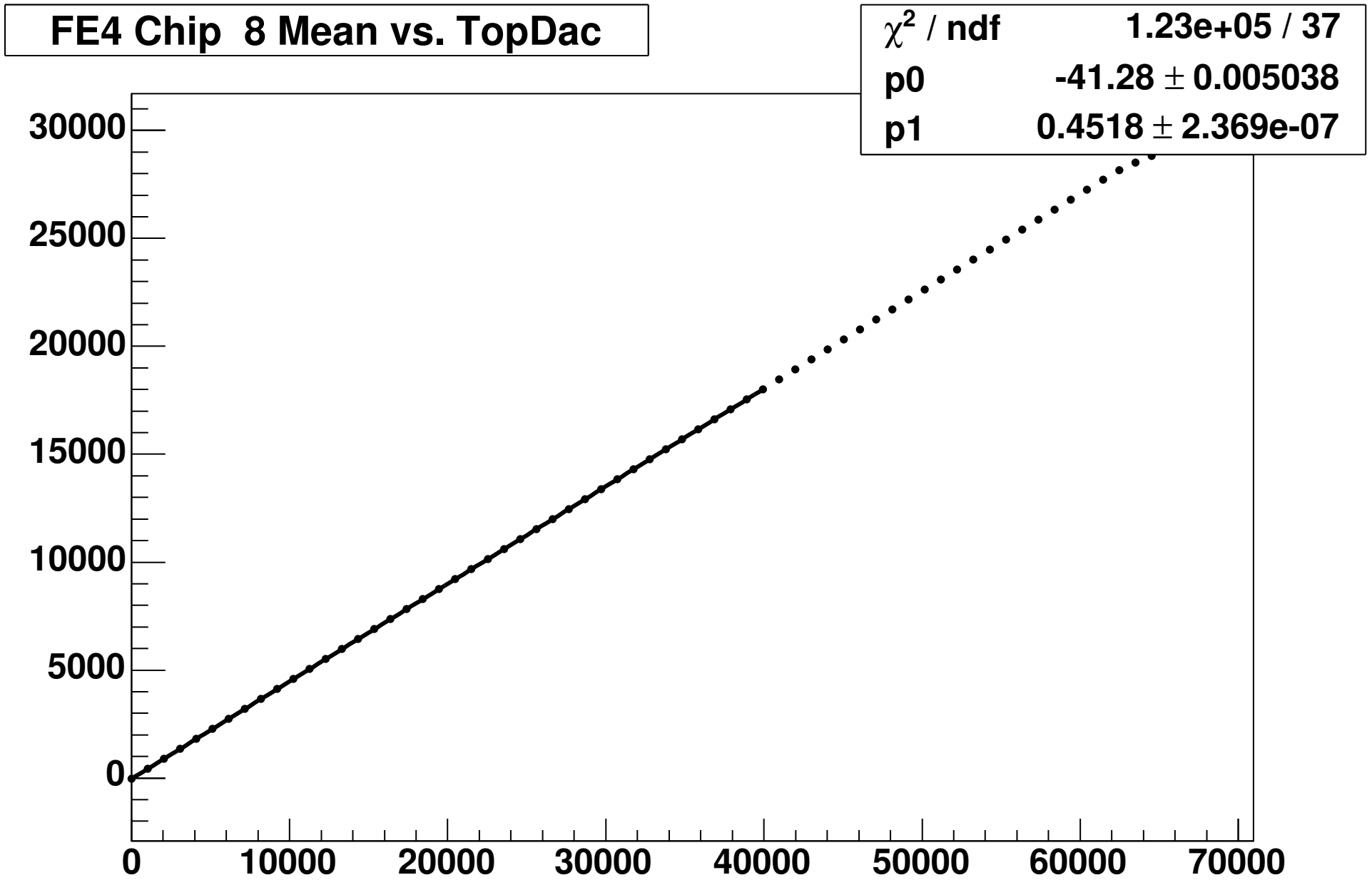
FE4 Chip 8 Mean vs. TopDac
χ² / ndf 1.23e+05 / 37
p0 -41.28 ± 0.005038
p1 0.4518 ± 2.369e-07
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25000
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15000
10000
5000
0
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10000
20000
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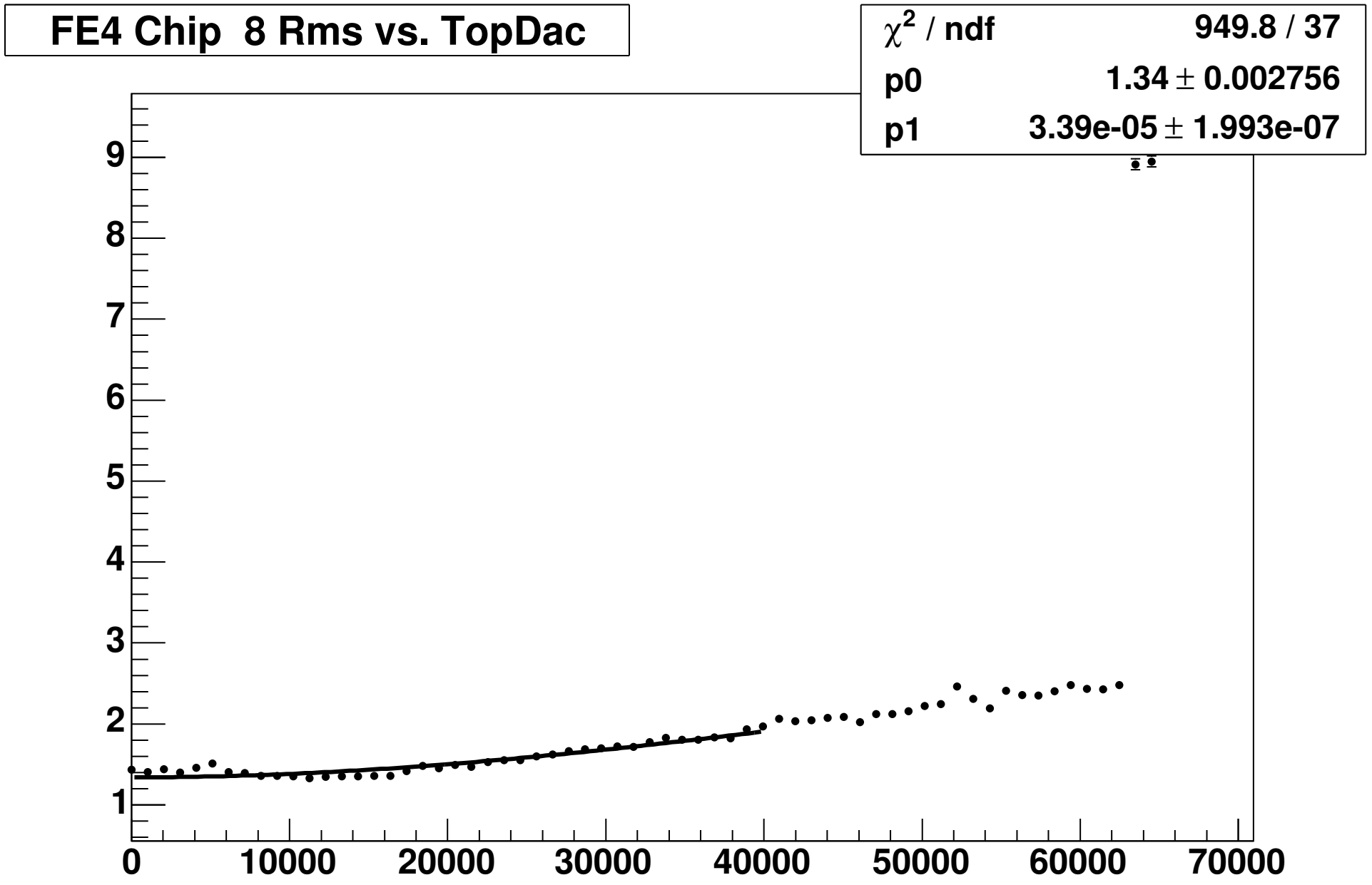
FE4 Chip 8 Rms vs. TopDac
χ² / ndf 949.8 / 37
p0 1.34 ± 0.002756
p1 3.39e-05 ± 1.993e-07
9
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6
5
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10000
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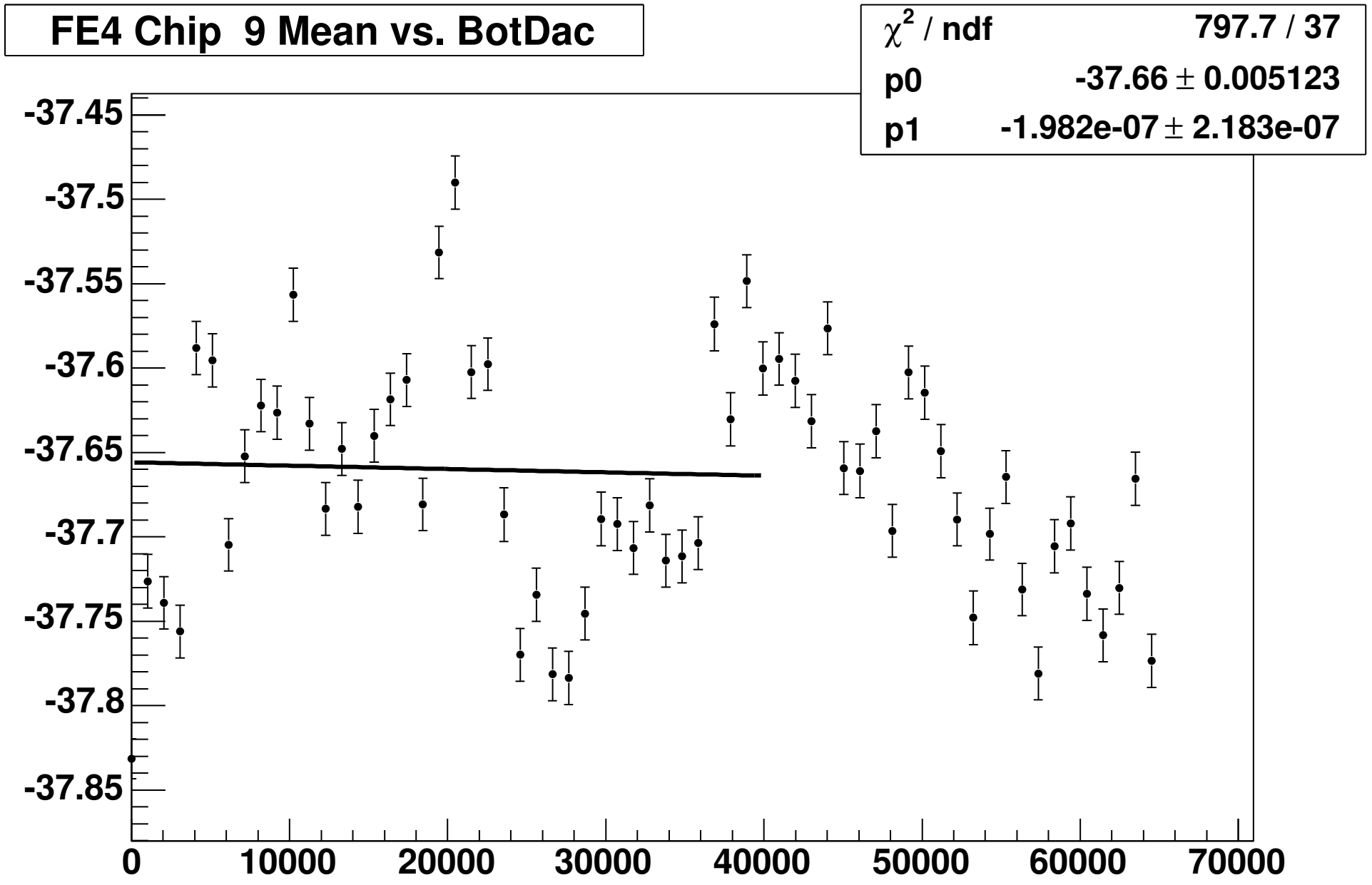
FE4 Chip 9 Mean vs. BotDac
χ² / ndf 797.7 / 37
p0 -37.66 ± 0.005123
p1 -1.982e-07 ± 2.183e-07
-37.45
-37.5
-37.55
-37.6
-37.65
-37.7
-37.75
-37.8
-37.85
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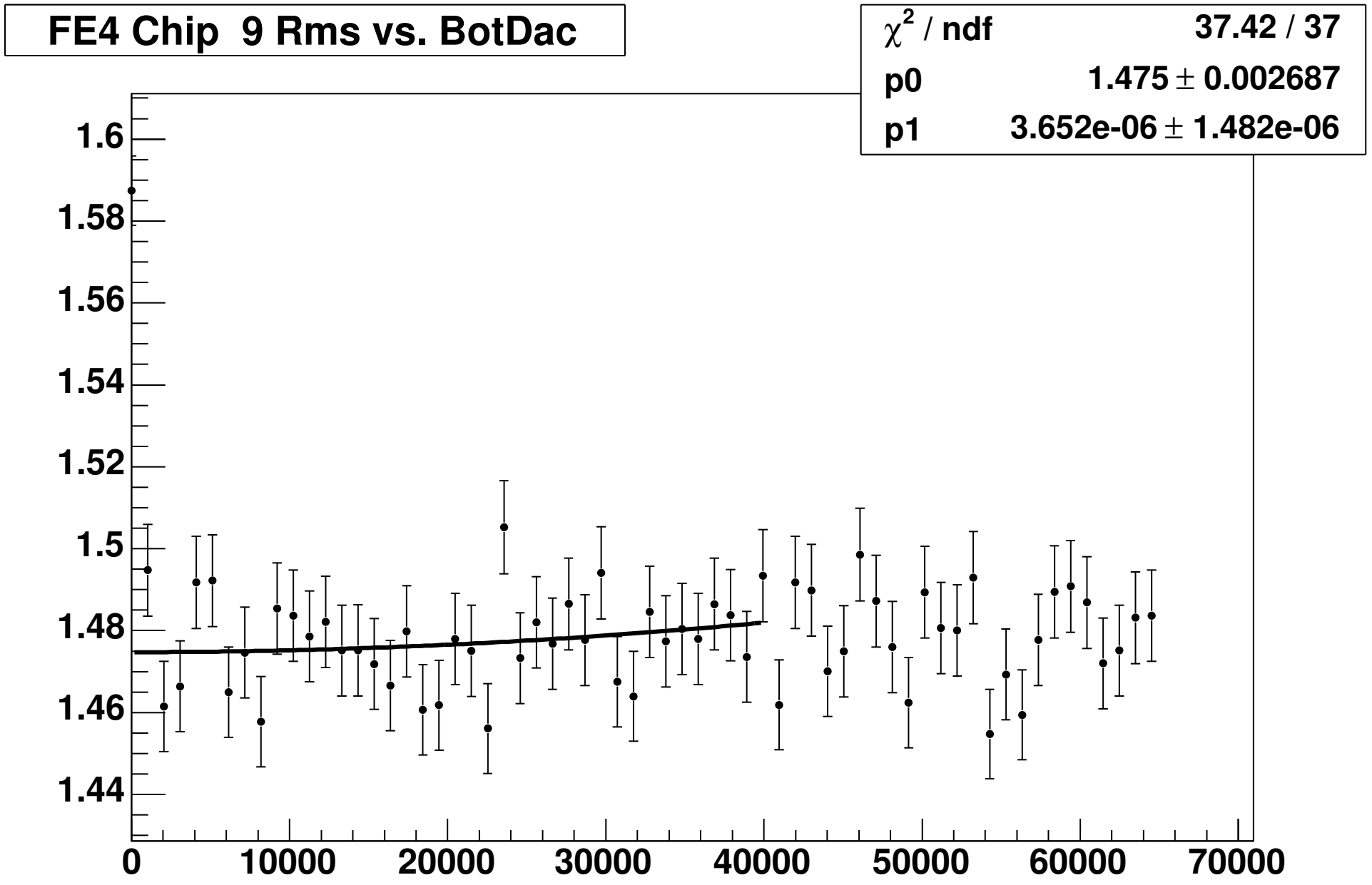
FE4 Chip 9 Rms vs. BotDac
χ² / ndf 37.42 / 37
p0 1.475 ± 0.002687
p1 3.652e-06 ± 1.482e-06
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
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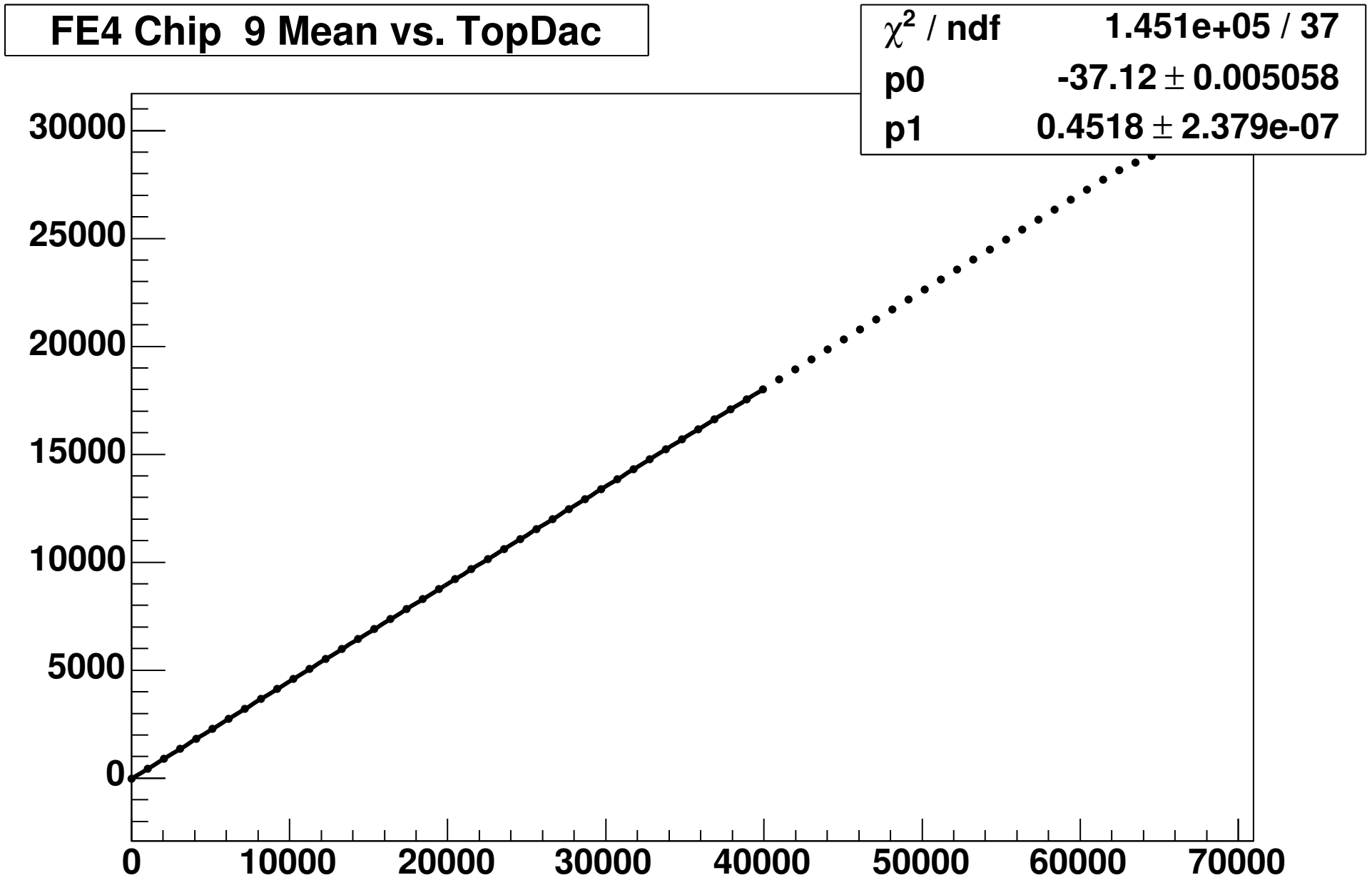
FE4 Chip 9 Mean vs. TopDac
χ² / ndf 1.451e+05 / 37
p0 -37.12 ± 0.005058
p1 0.4518 ± 2.379e-07
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20000
15000
10000
5000
0
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10000
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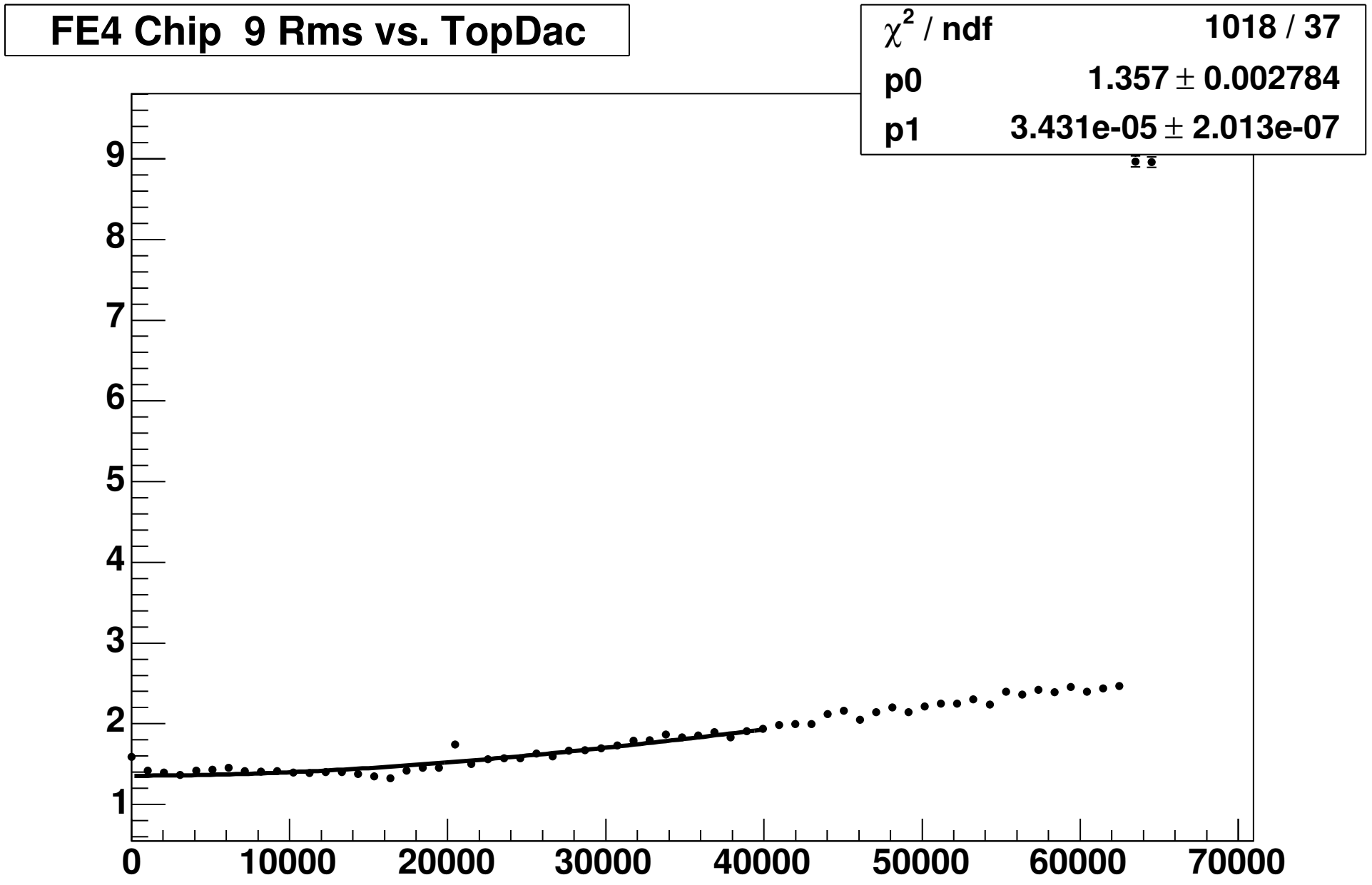
FE4 Chip 9 Rms vs. TopDac
χ² / ndf 1018 / 37
p0 1.357 ± 0.002784
p1 3.431e-05 ± 2.013e-07
9
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6
5
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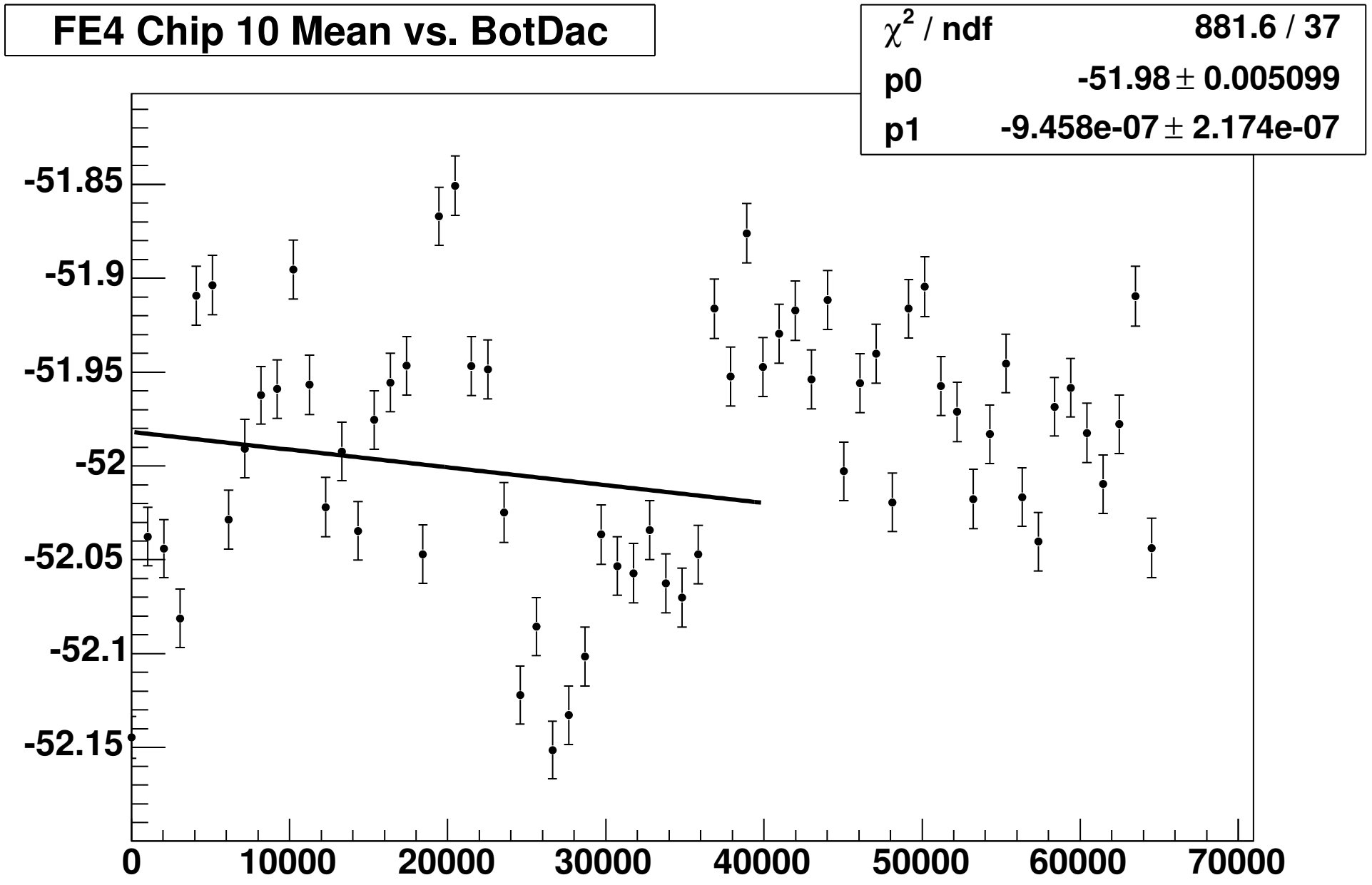
FE4 Chip 10 Mean vs. BotDac
χ² / ndf 881.6 / 37
p0 -51.98 ± 0.005099
p1 -9.458e-07 ± 2.174e-07
-51.85
-51.9
-51.95
-52
-52.05
-52.1
-52.15
0
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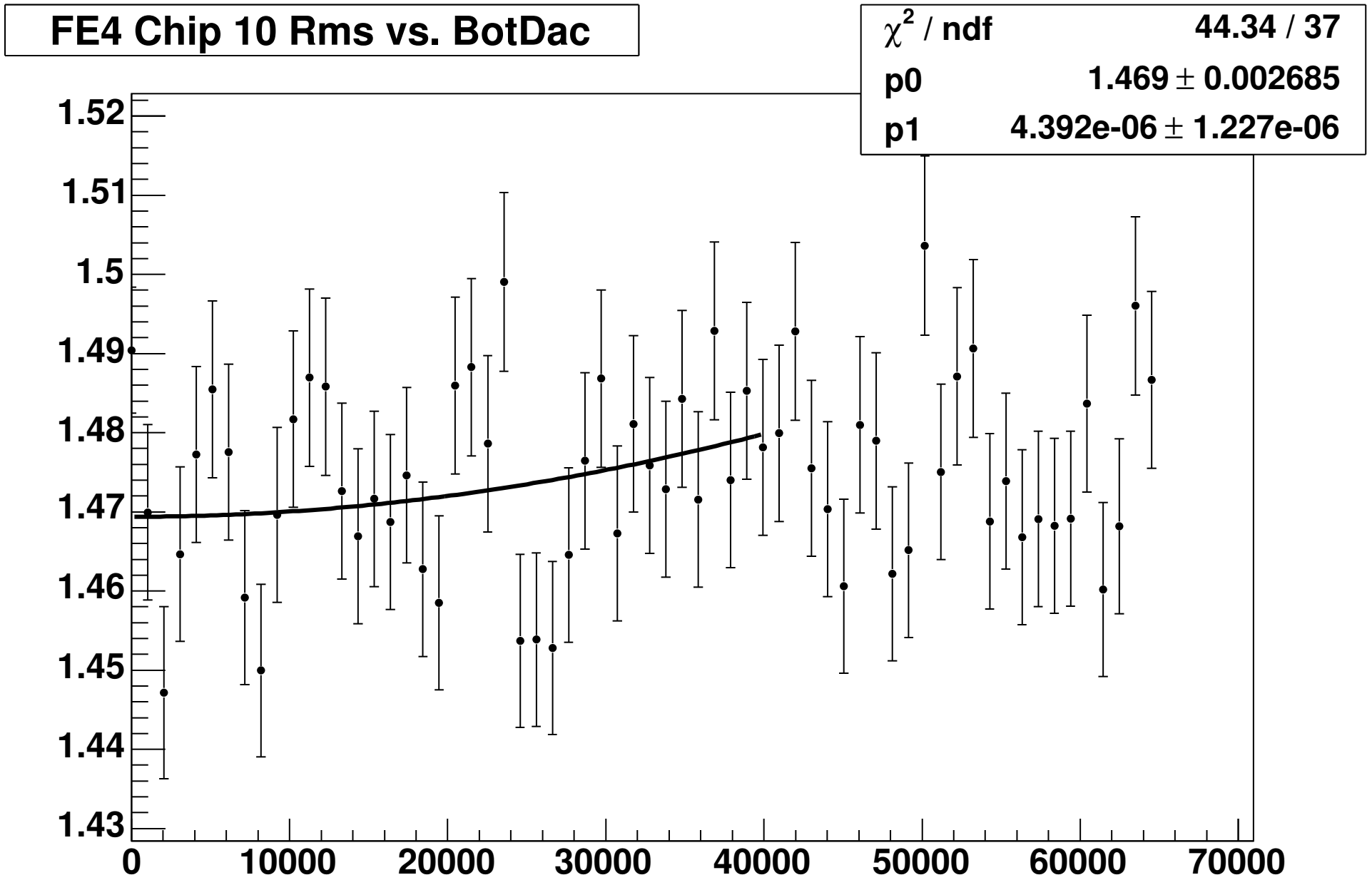
FE4 Chip 10 Rms vs. BotDac
χ² / ndf 44.34 / 37
p0 1.469 ± 0.002685
p1 4.392e-06 ± 1.227e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
10000
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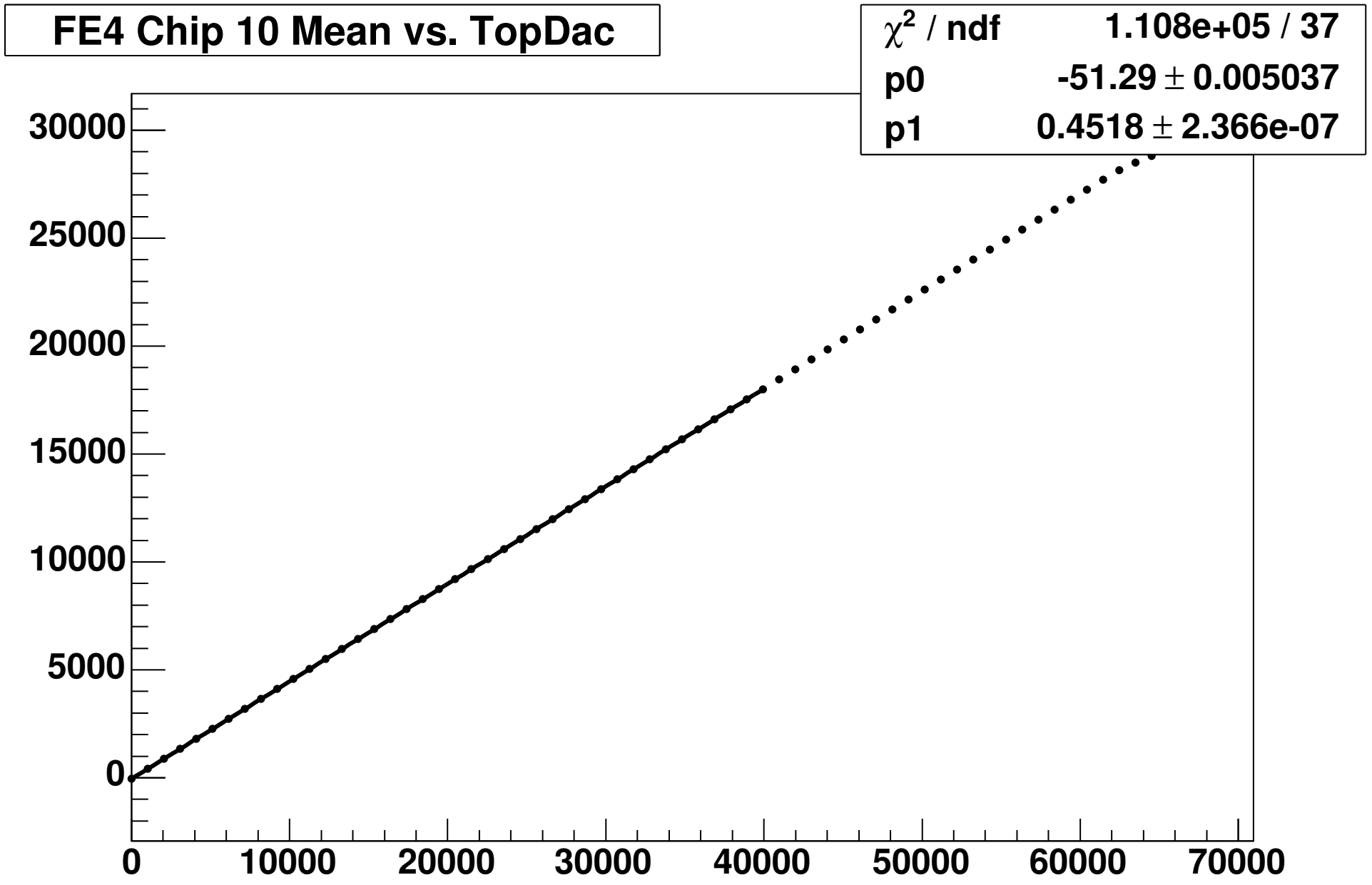
FE4 Chip 10 Mean vs. TopDac
χ² / ndf 1.108e+05 / 37
p0 -51.29 ± 0.005037
p1 0.4518 ± 2.366e-07
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15000
10000
5000
0
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30000
40000
50000
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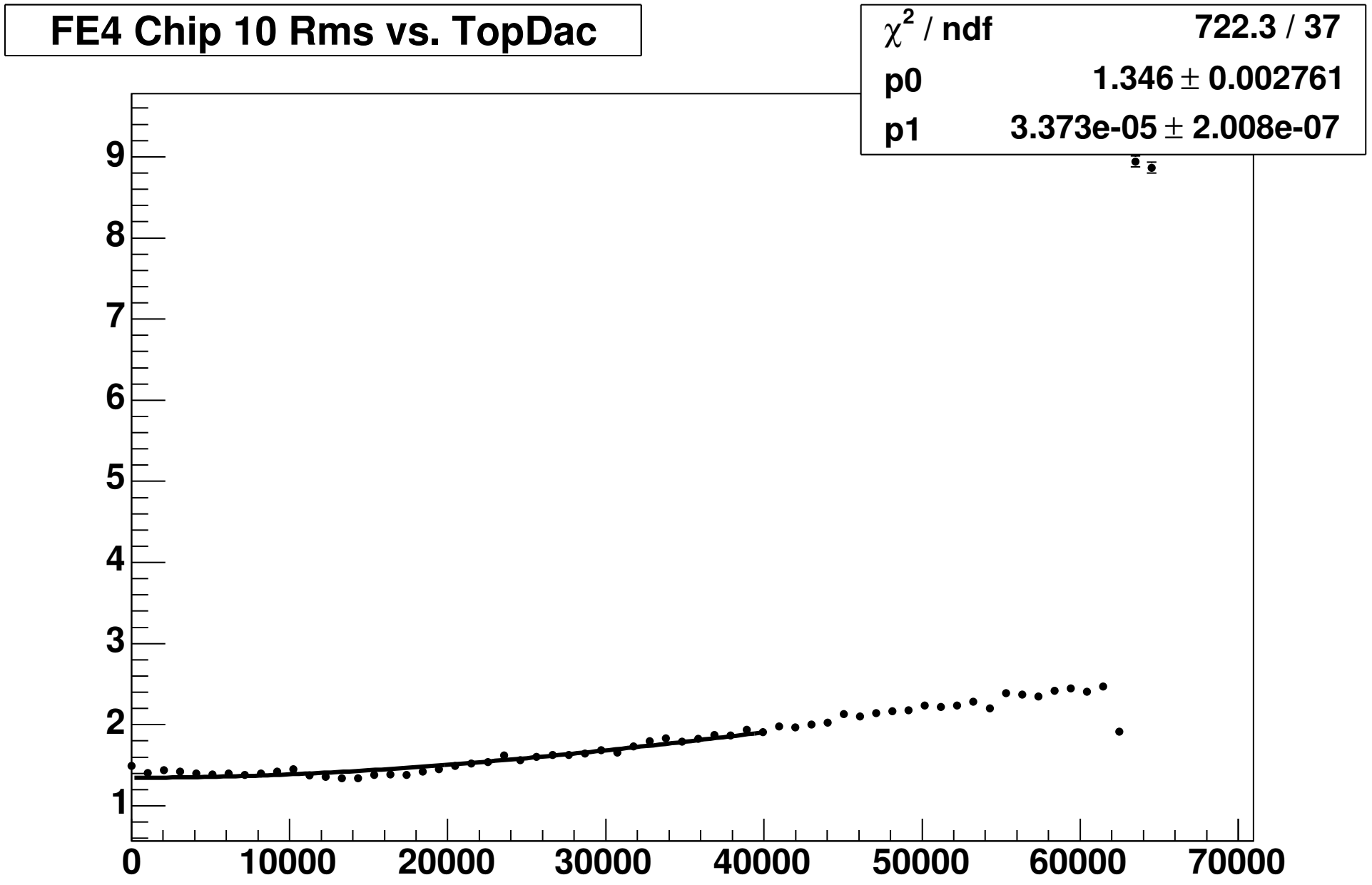
FE4 Chip 10 Rms vs. TopDac
χ² / ndf 722.3 / 37
p0 1.346 ± 0.002761
p1 3.373e-05 ± 2.008e-07
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8
7
6
5
4
3
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10000
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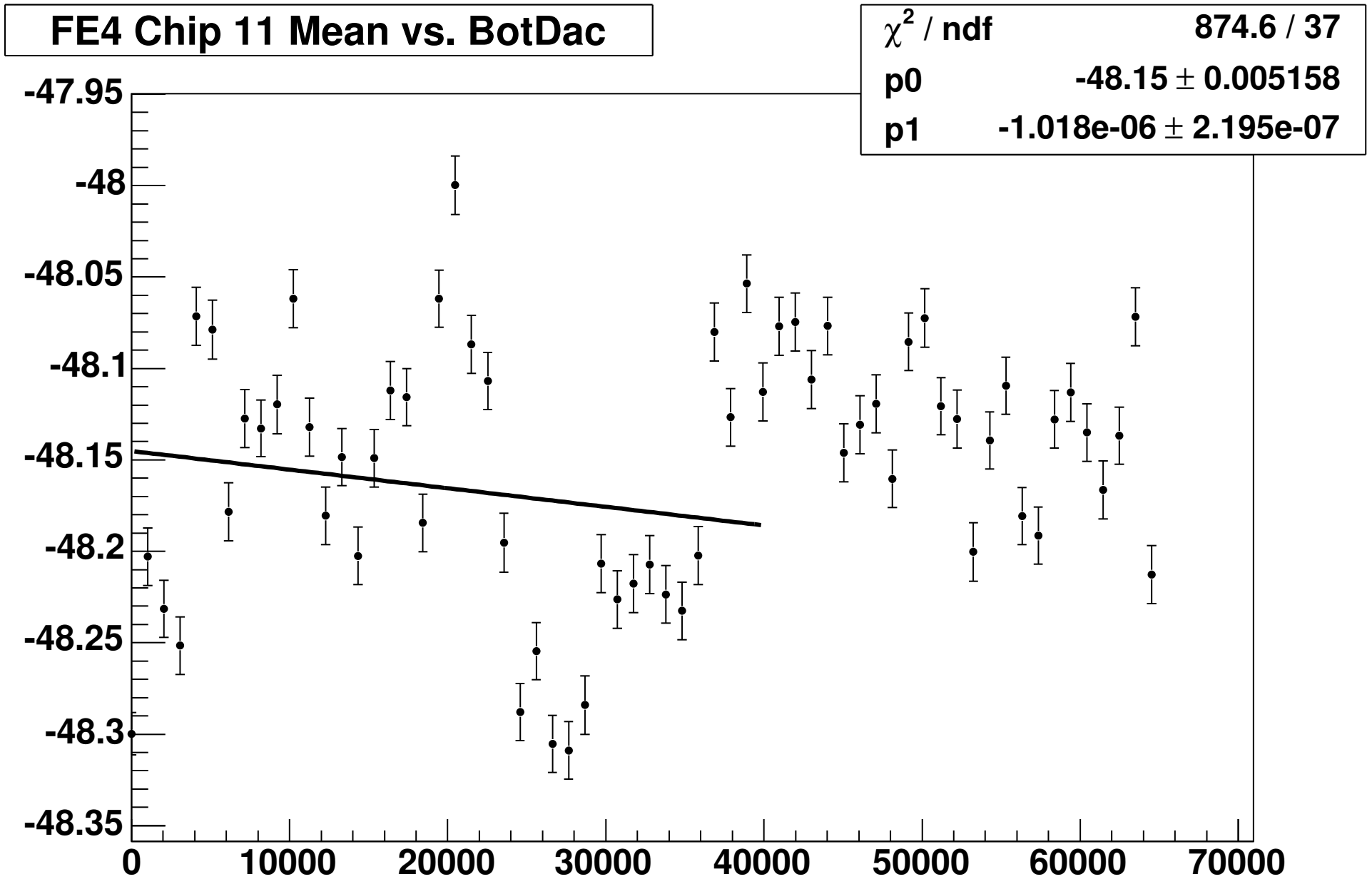
FE4 Chip 11 Mean vs. BotDac
χ² / ndf 874.6 / 37
p0 -48.15 ± 0.005158
p1 -1.018e-06 ± 2.195e-07
-47.95
-48
-48.05
-48.1
-48.15
-48.2
-48.25
-48.3
-48.35
0
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30000
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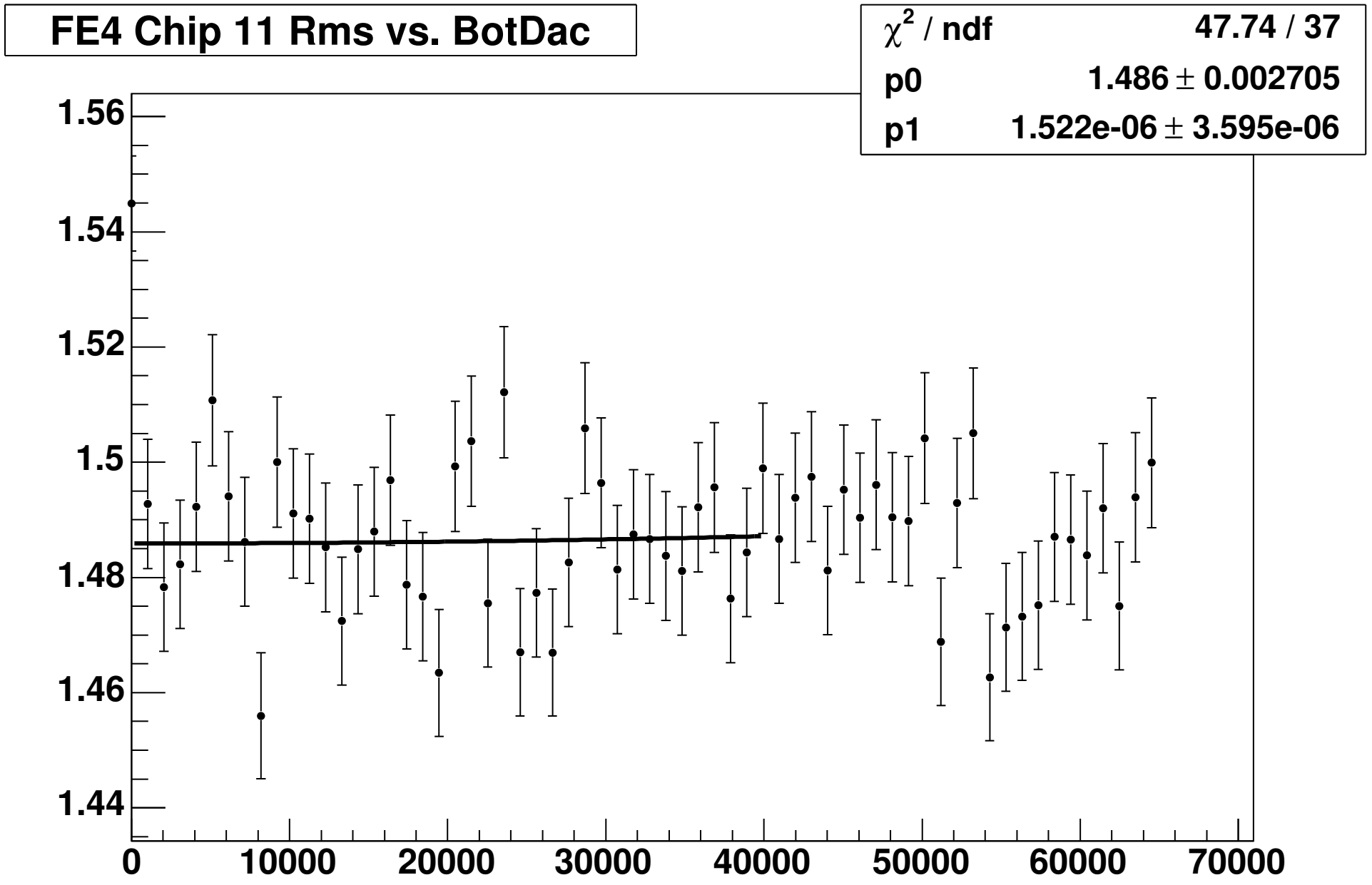
FE4 Chip 11 Rms vs. BotDac
χ² / ndf 47.74 / 37
p0 1.486 ± 0.002705
p1 1.522e-06 ± 3.595e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
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10000
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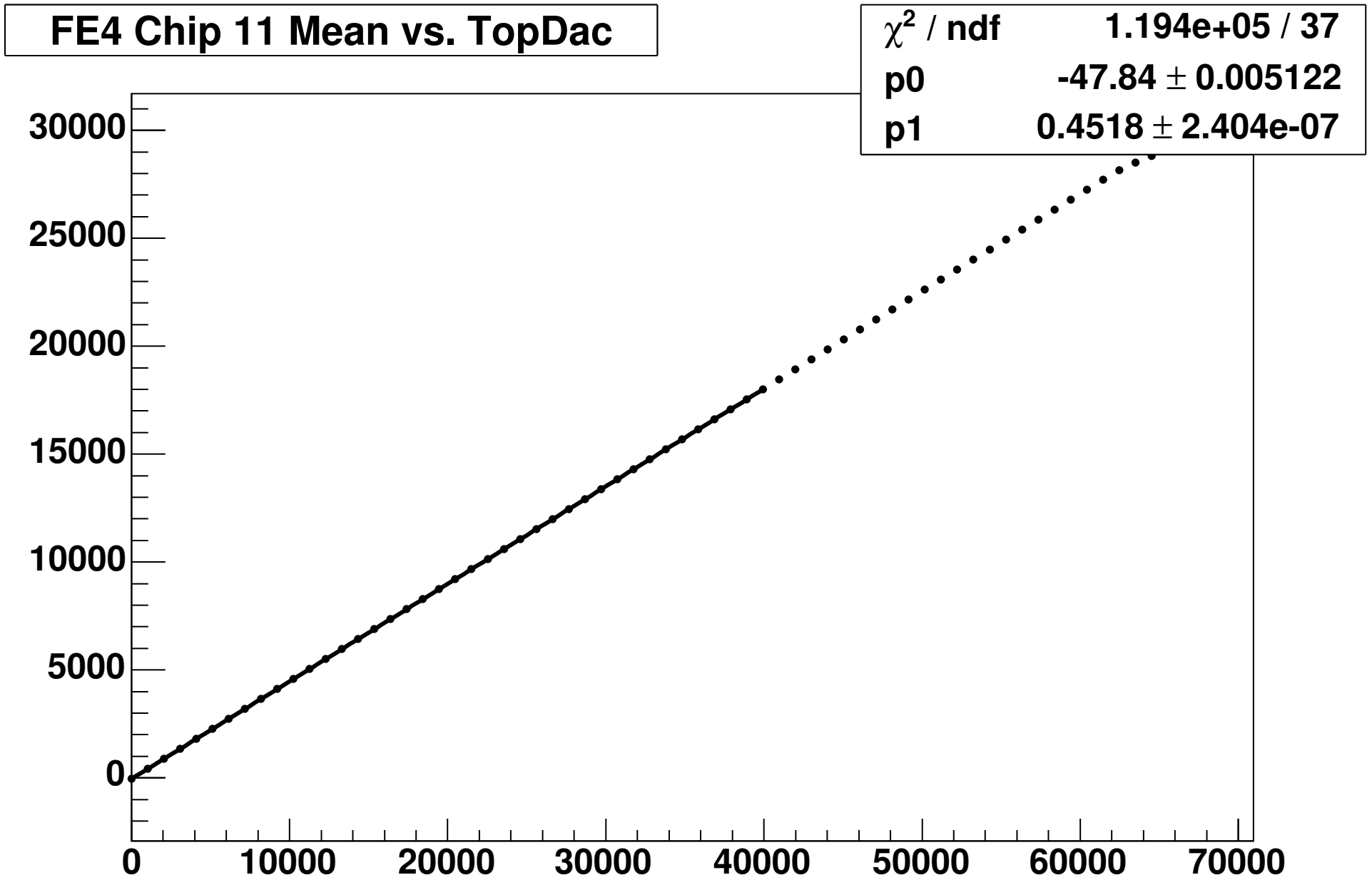
FE4 Chip 11 Mean vs. TopDac
χ² / ndf 1.194e+05 / 37
p0 -47.84 ± 0.005122
p1 0.4518 ± 2.404e-07
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20000
15000
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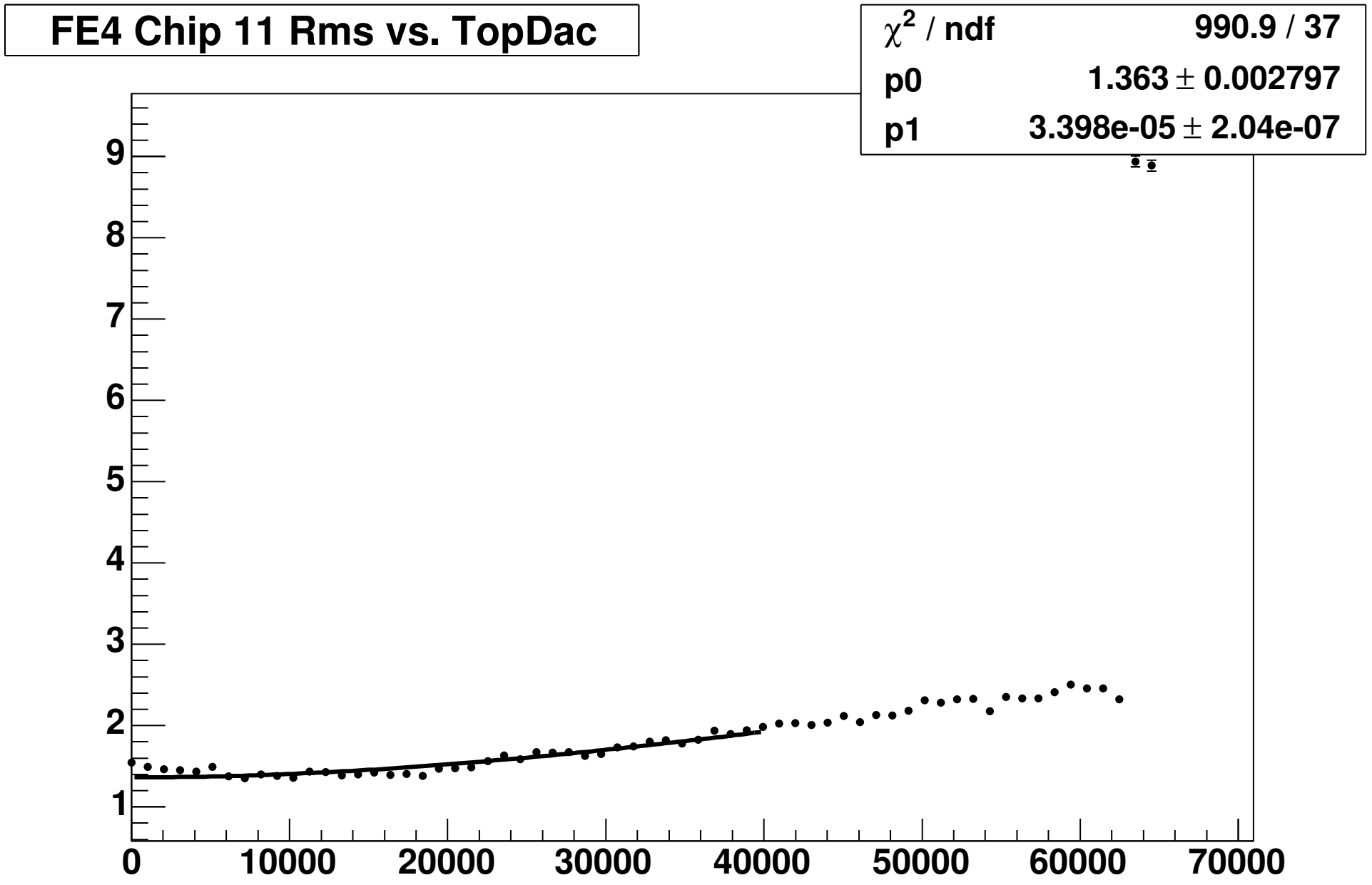
0
0
10000
20000
30000
40000
50000
60000
70000


FE4 Chip 11 Rms vs. TopDac
χ² / ndf 990.9 / 37
p0 1.363 ± 0.002797
p1 3.398e-05 ± 2.04e-07
9
8
7
6
5
4
3
2
1
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10000
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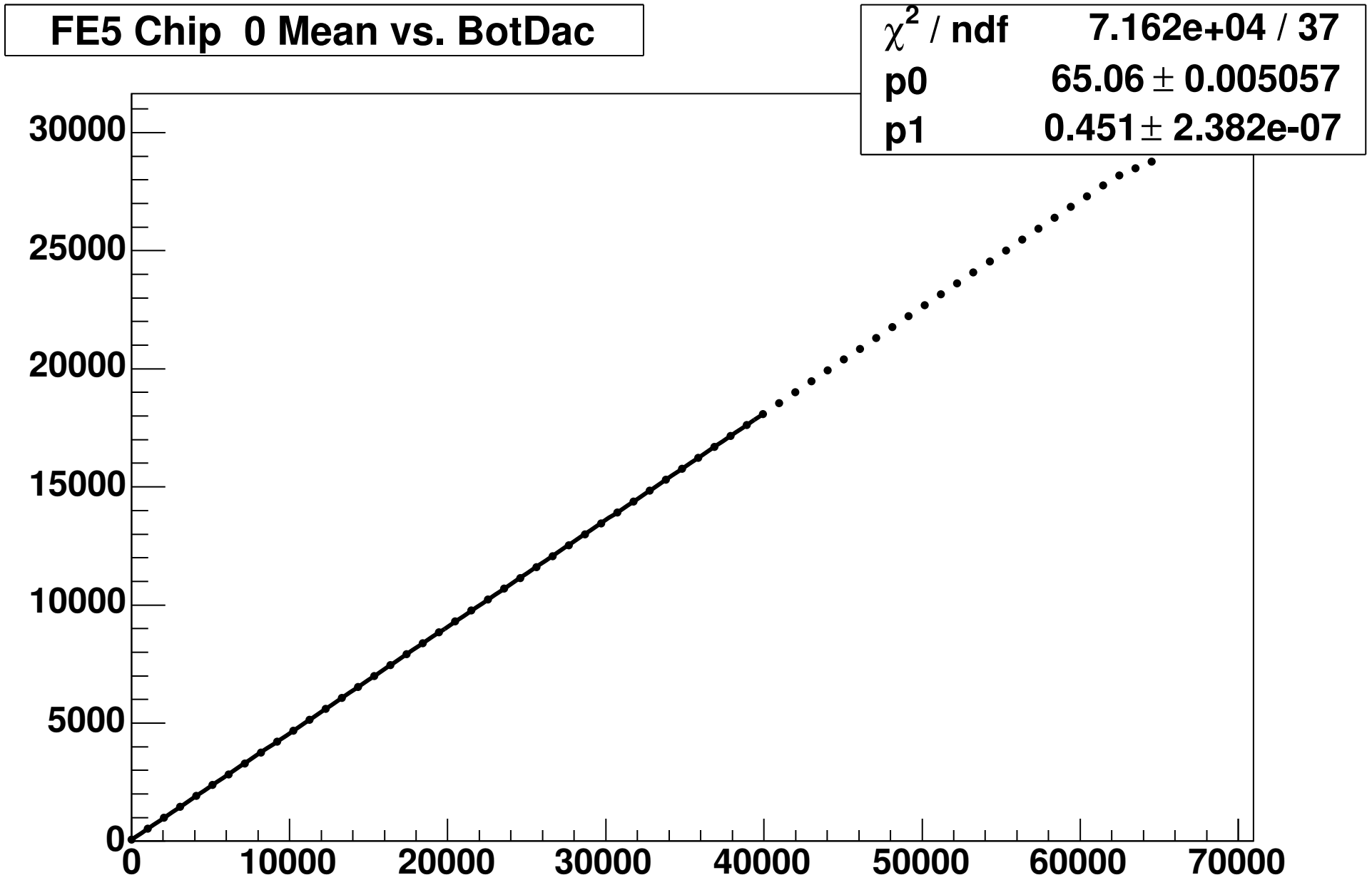
FE5 Chip 0 Mean vs. BotDac
χ^2 / ndf 7.162e+04 / 37
p0 65.06 ± 0.005057
p1 0.451 ± 2.382e-07
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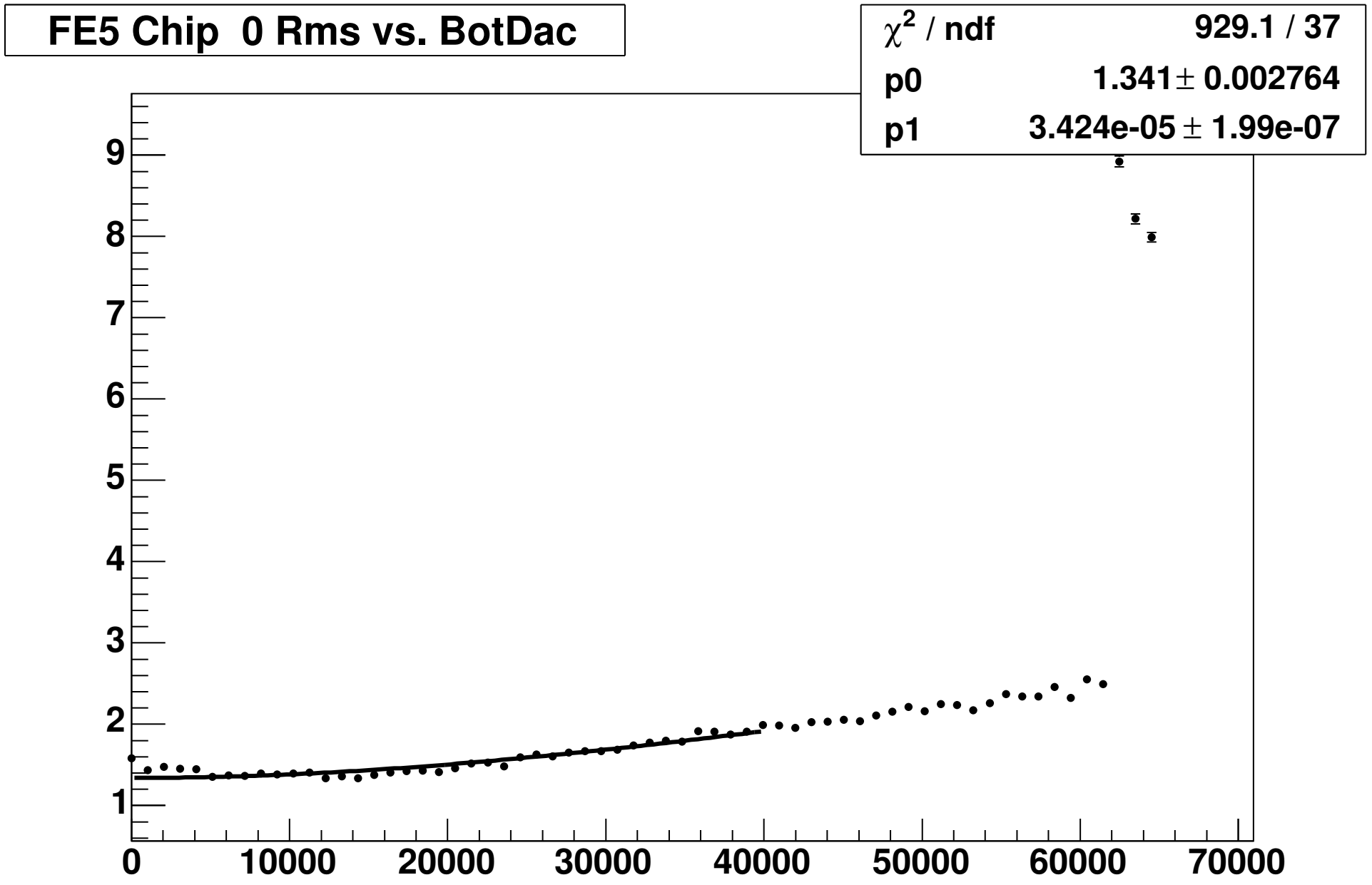
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 0 Rms vs. BotDac
χ² / ndf 929.1 / 37
p0 1.341 ± 0.002764
p1 3.424e-05 ± 1.99e-07
9
8
7
6
5
4
3
2
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0
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20000
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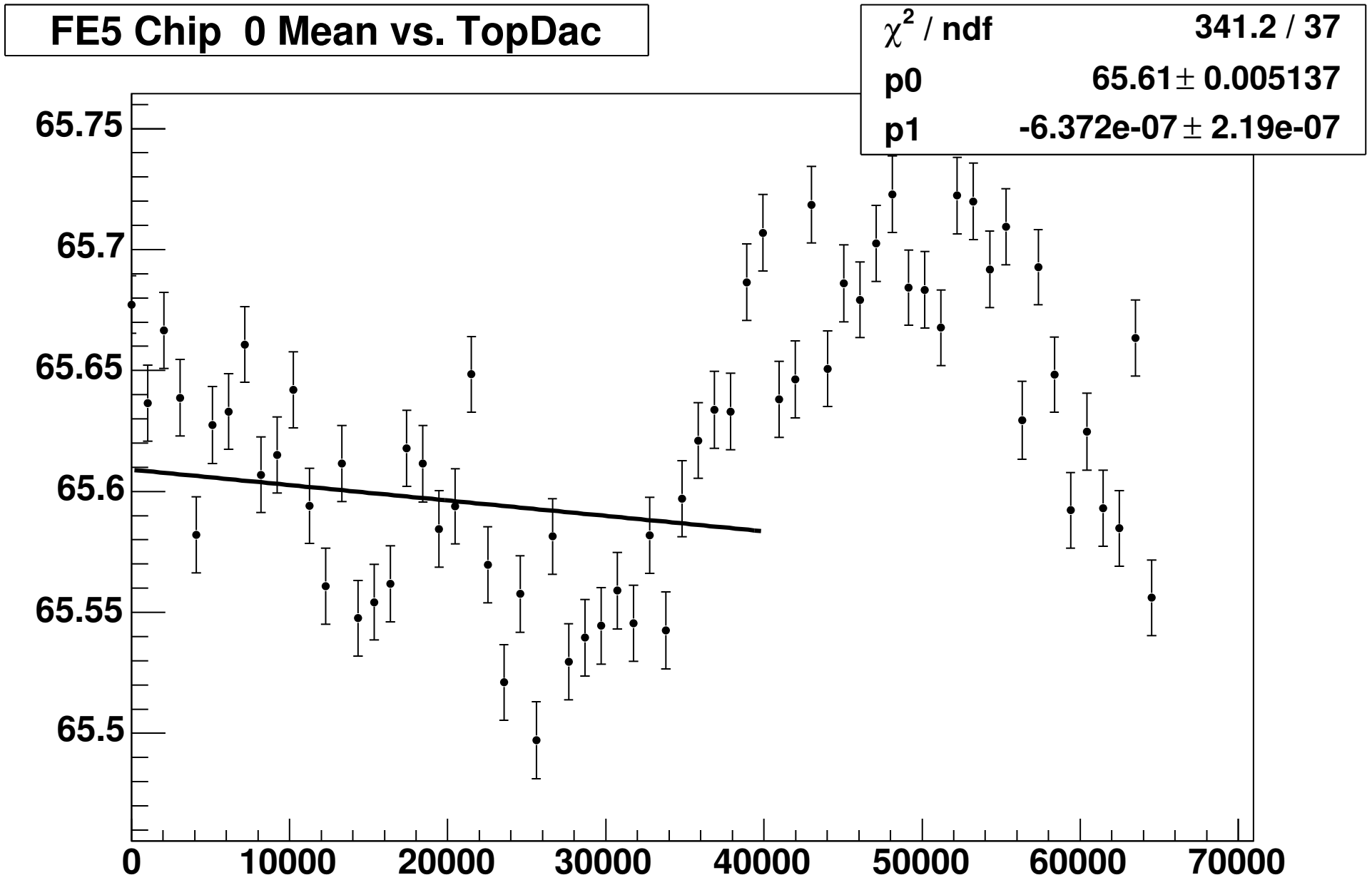
70000


FE5 Chip 0 Mean vs. TopDac
χ² / ndf 341.2 / 37
p0 65.61 ± 0.005137
p1 -6.372e-07 ± 2.19e-07
65.75
65.7
65.65
65.6
65.55
65.5
0
10000
20000
30000
40000
50000
60000
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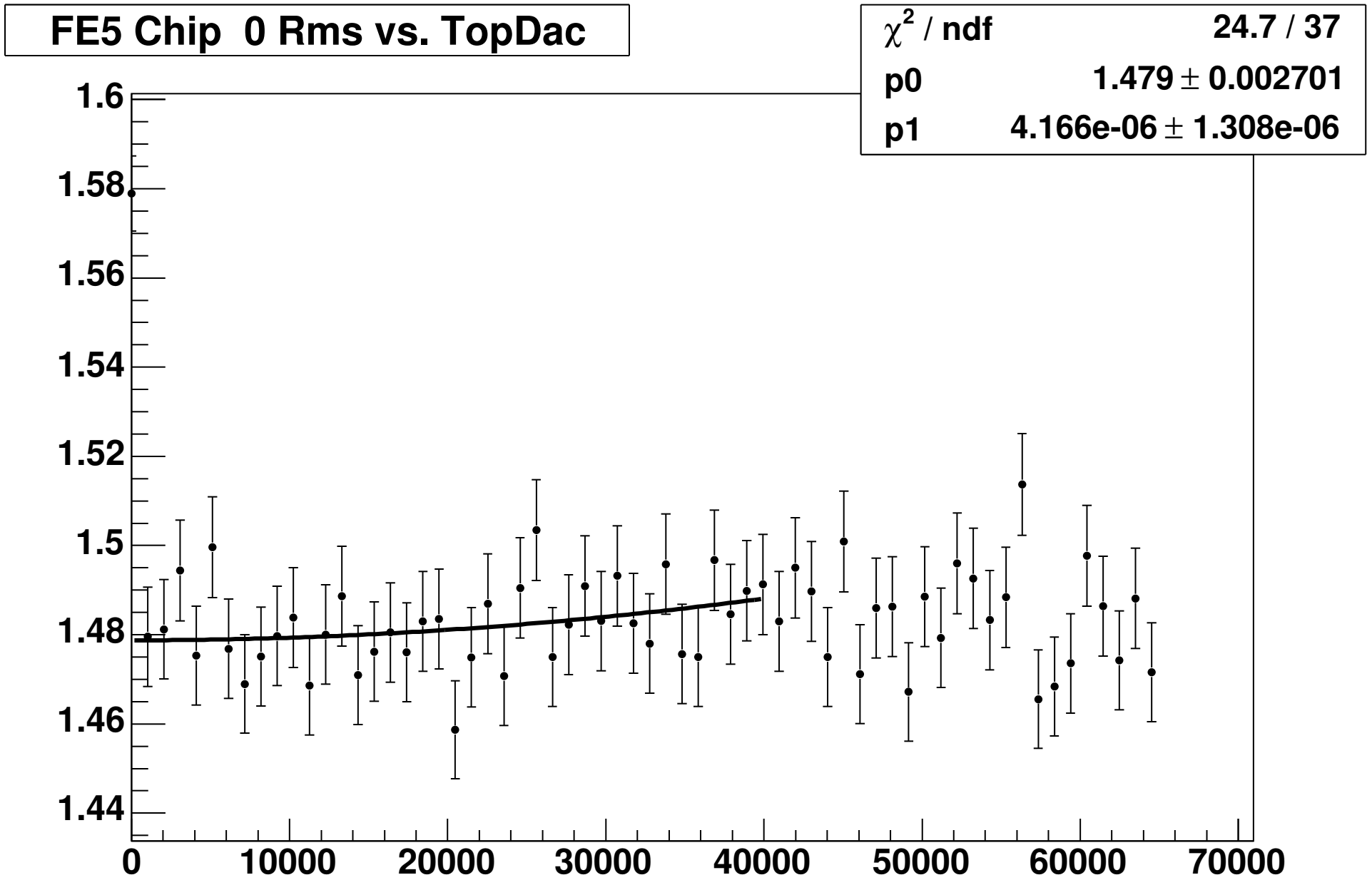
FE5 Chip 0 Rms vs. TopDac
χ² / ndf 24.7 / 37
p0 1.479 ± 0.002701
p1 4.166e-06 ± 1.308e-06
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
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50000
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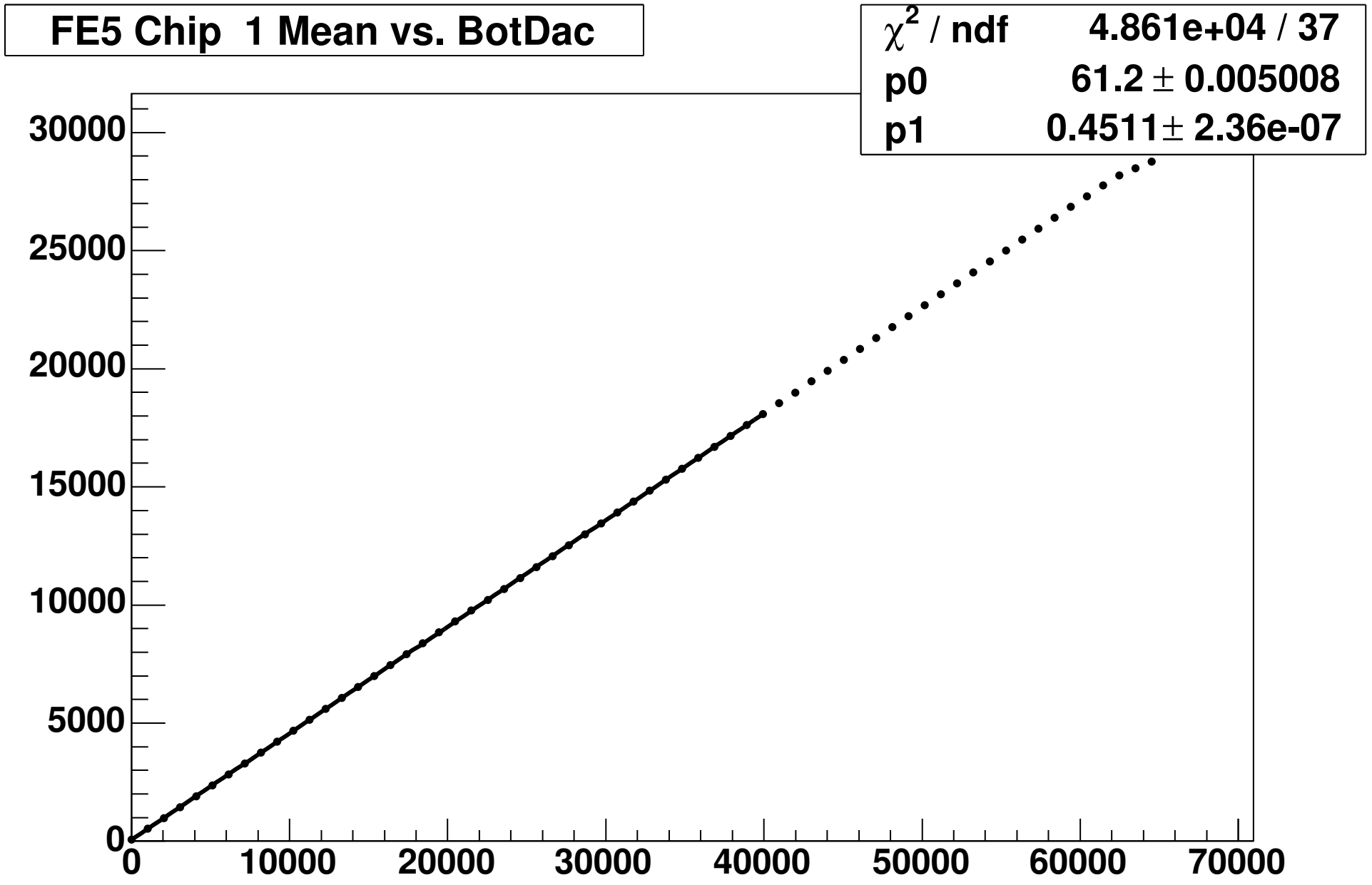
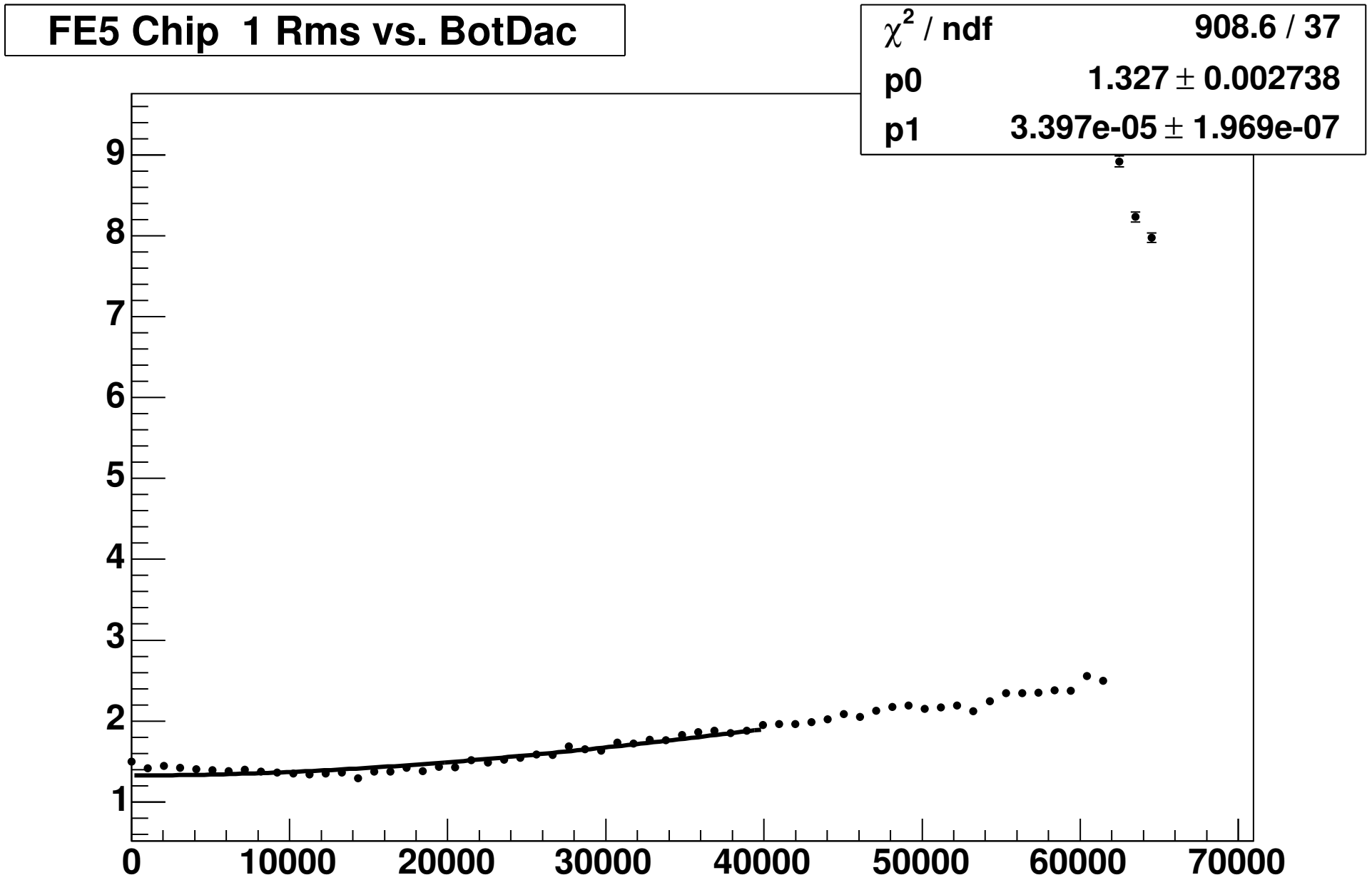

FE5 Chip 1 Mean vs. BotDac
χ² / ndf 4.861e+04 / 37
p0 61.2 ± 0.005008
p1 0.4511 ± 2.36e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 1 Rms vs. BotDac
χ² / ndf 908.6 / 37
p0 1.327 ± 0.002738
p1 3.397e-05 ± 1.969e-07
9
8
7
6
5
4
3
2
1
0
10000
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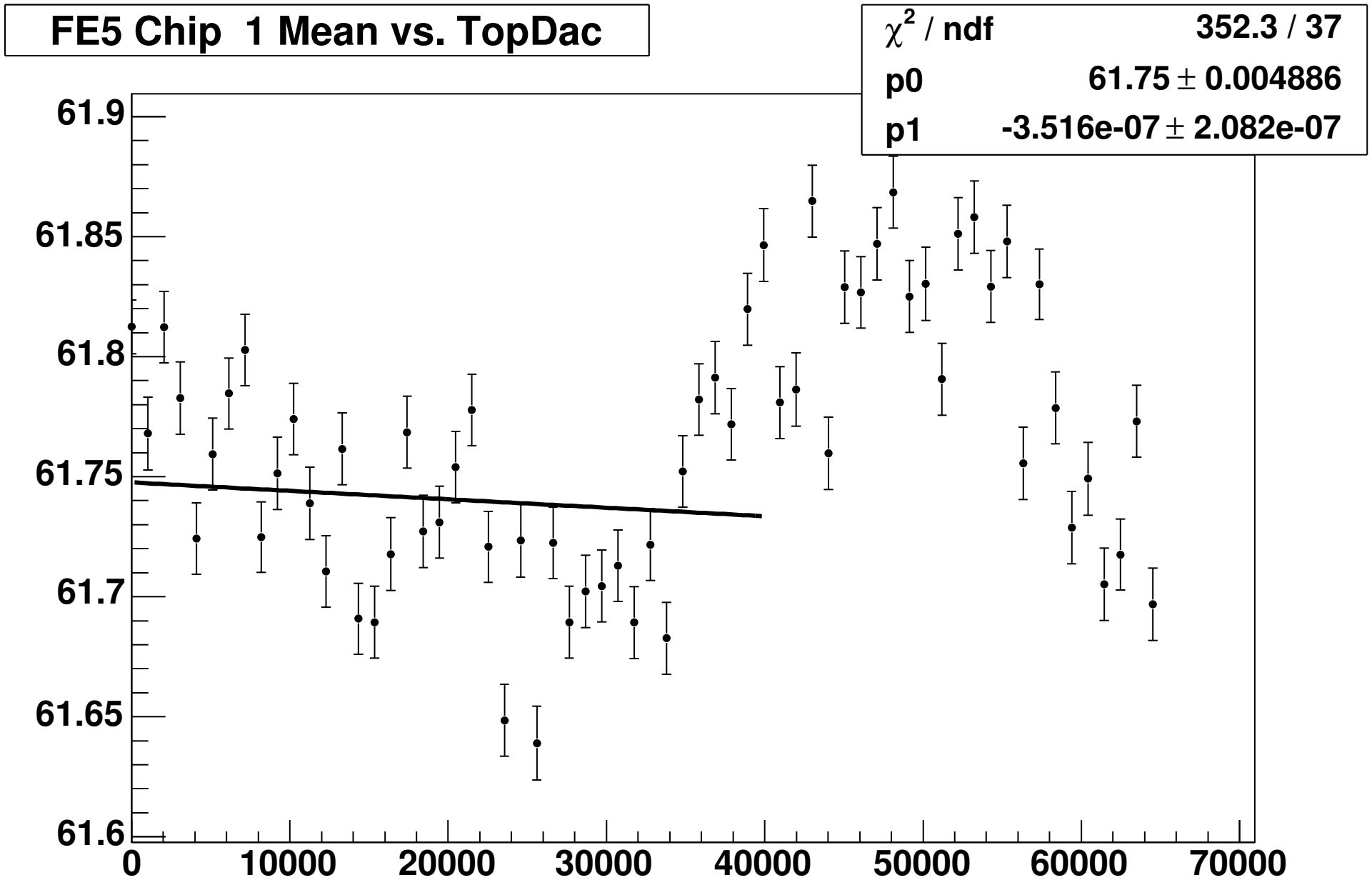
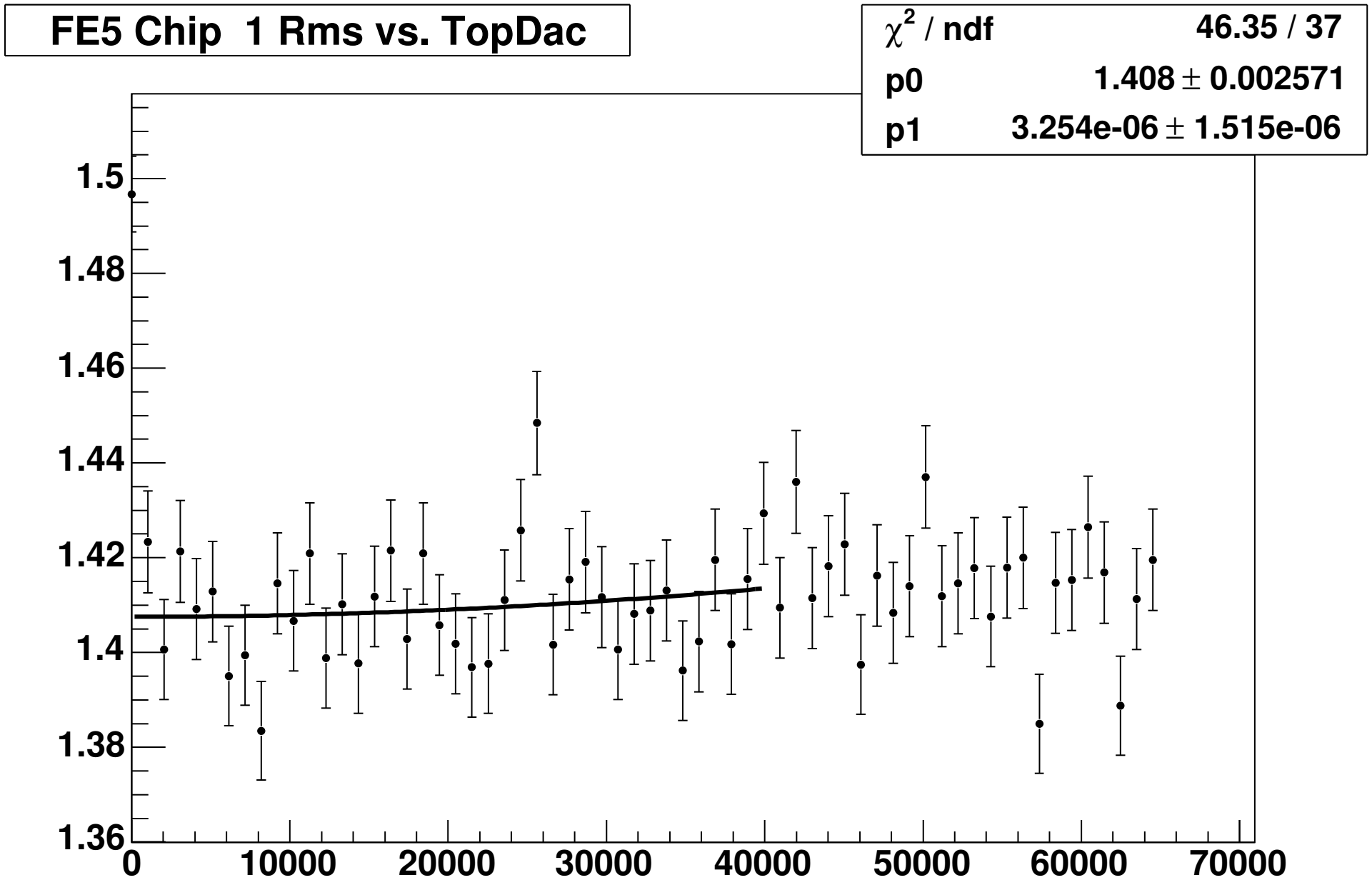

FE5 Chip 1 Mean vs. TopDac
χ² / ndf 352.3 / 37
p0 61.75 ± 0.004886
p1 -3.516e-07 ± 2.082e-07
61.9
61.85
61.8
61.75
61.7
61.65
61.6
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 1 Rms vs. TopDac
χ² / ndf 46.35 / 37
p0 1.408 ± 0.002571
p1 3.254e-06 ± 1.515e-06
1.5
1.48
1.46
1.44
1.42
1.4
1.38
1.36
0
10000
20000
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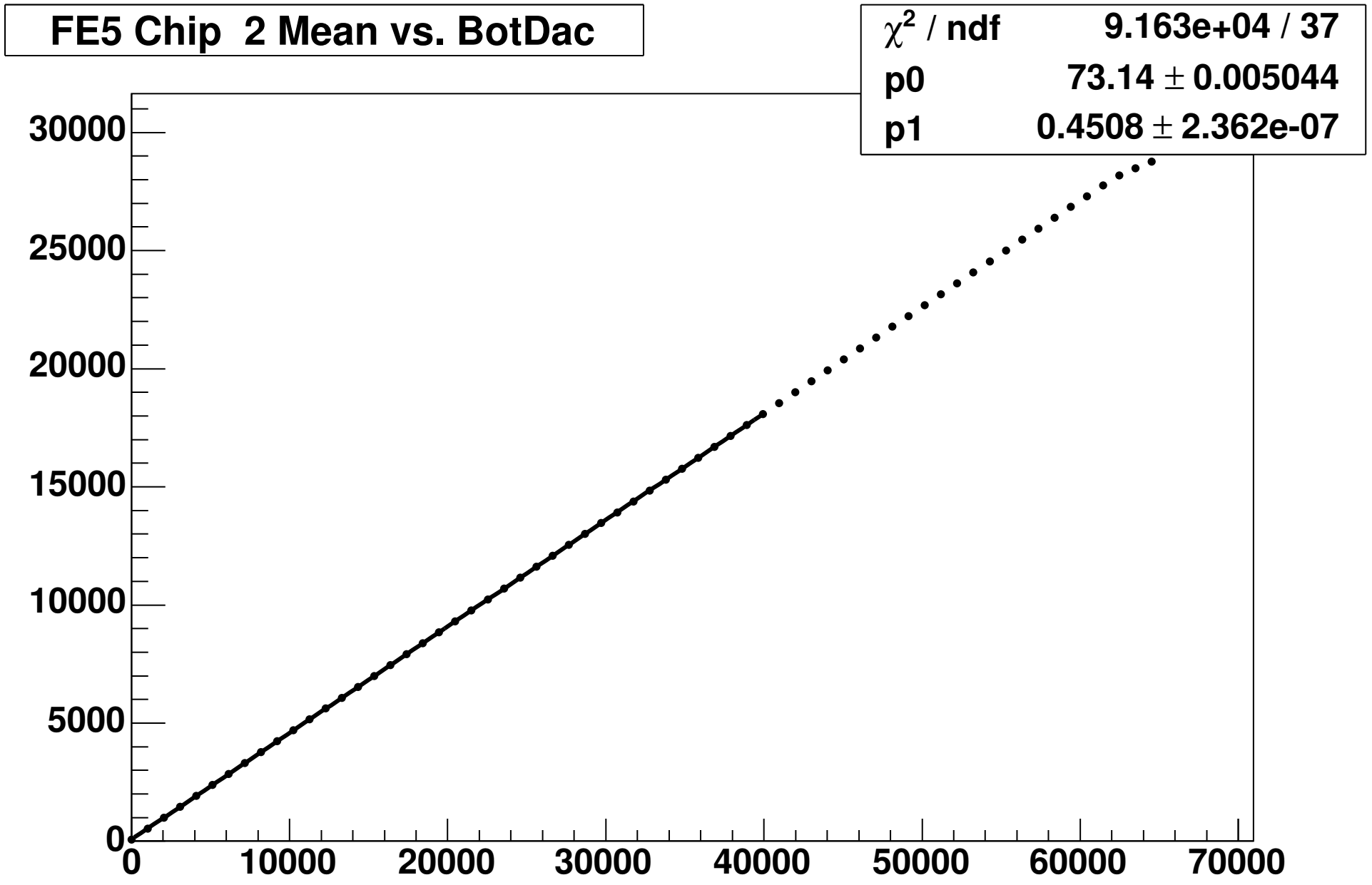
FE5 Chip 2 Mean vs. BotDac
χ² / ndf 9.163e+04 / 37
p0 73.14 ± 0.005044
p1 0.4508 ± 2.362e-07
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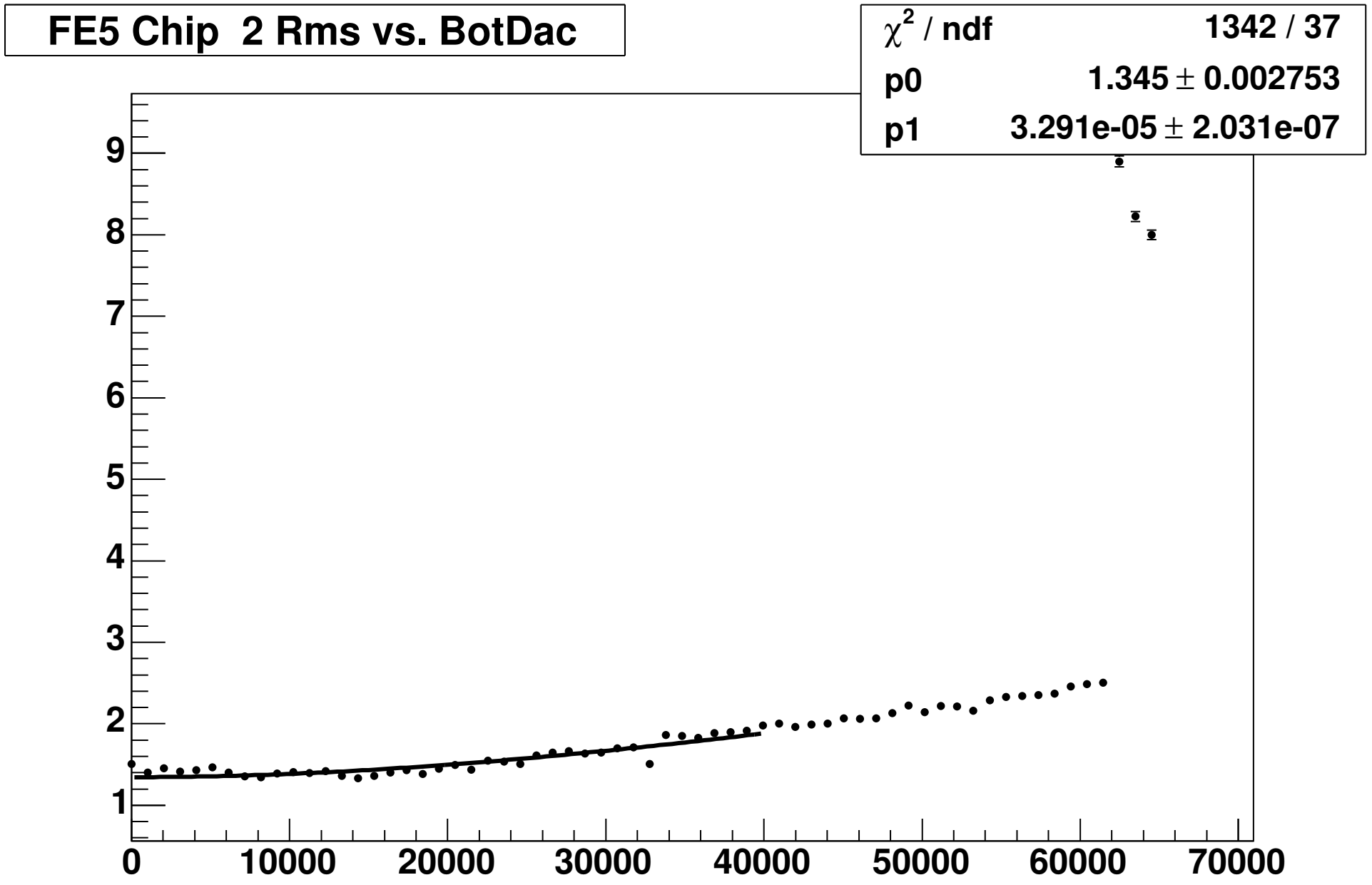
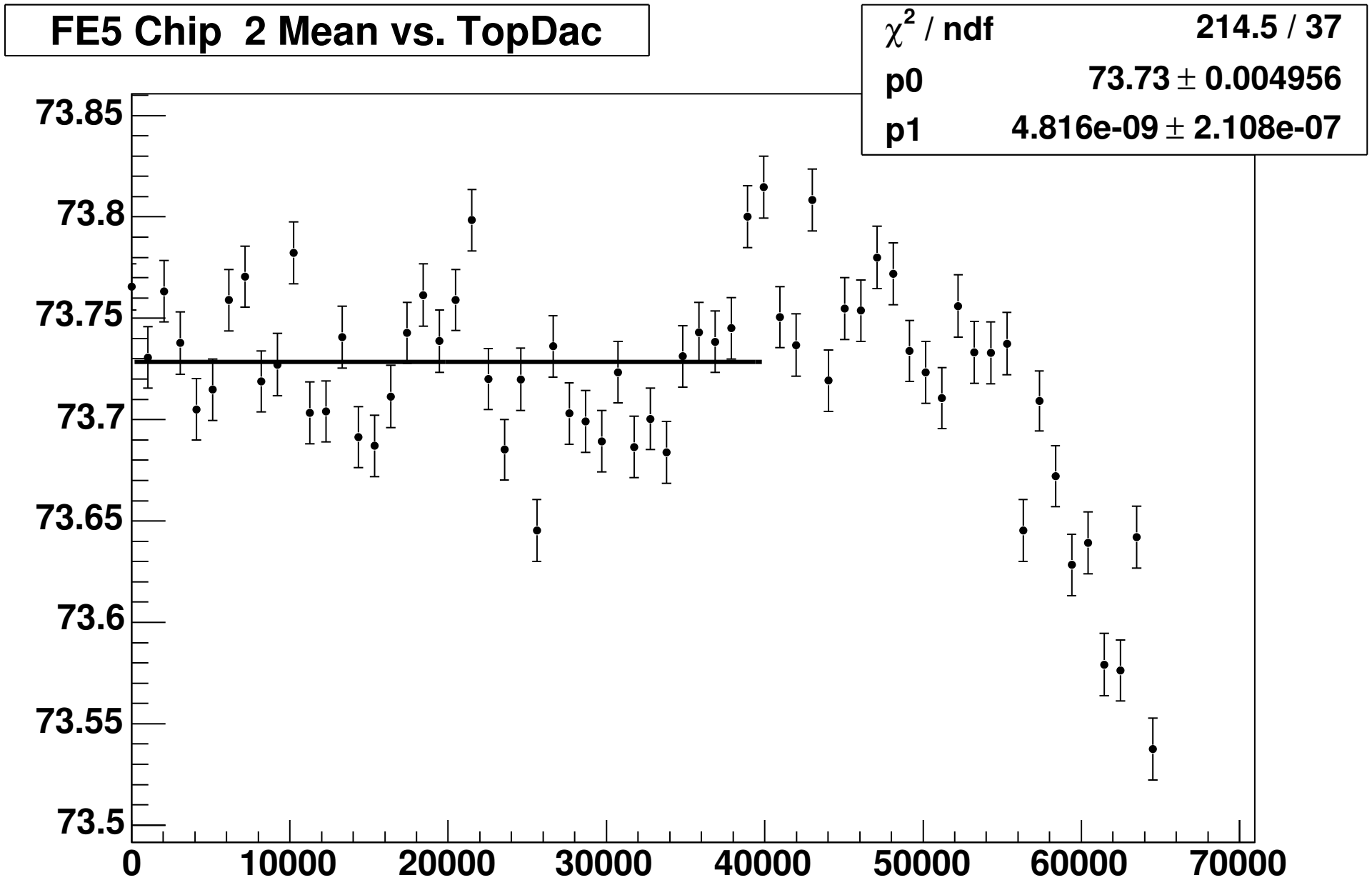
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 2 Rms vs. BotDac
χ² / ndf 1342 / 37
p0 1.345 ± 0.002753
p1 3.291e-05 ± 2.031e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 2 Mean vs. TopDac
χ^2 / ndf 214.5 / 37
p0 73.73 ± 0.004956
p1 4.816e-09 ± 2.108e-07
73.85
73.8
73.75
73.7
73.65
73.6
73.55
73.5
0
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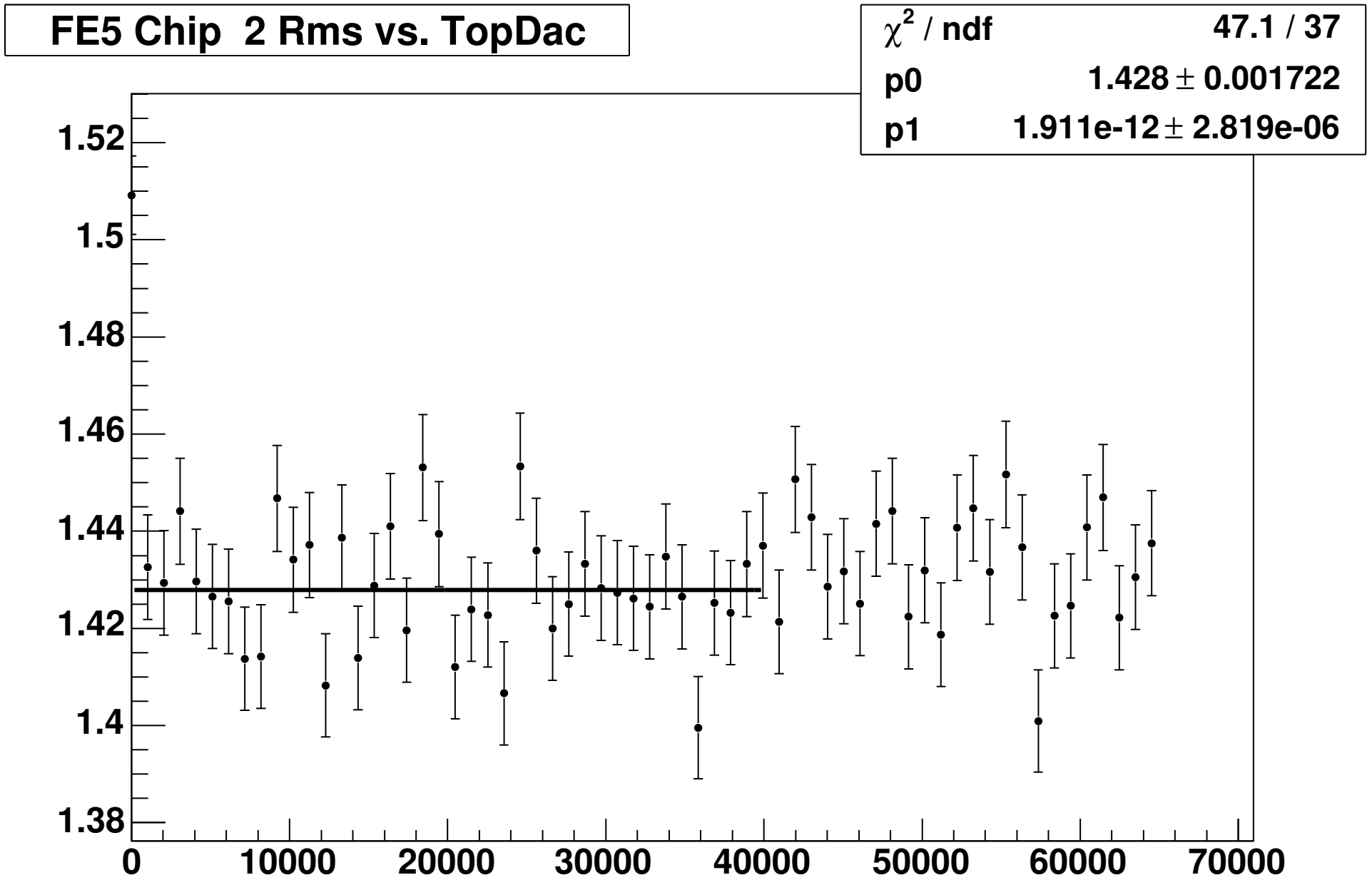
FE5 Chip 2 Rms vs. TopDac
χ² / ndf 47.1 / 37
p0 1.428 ± 0.001722
p1 1.911e-12 ± 2.819e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
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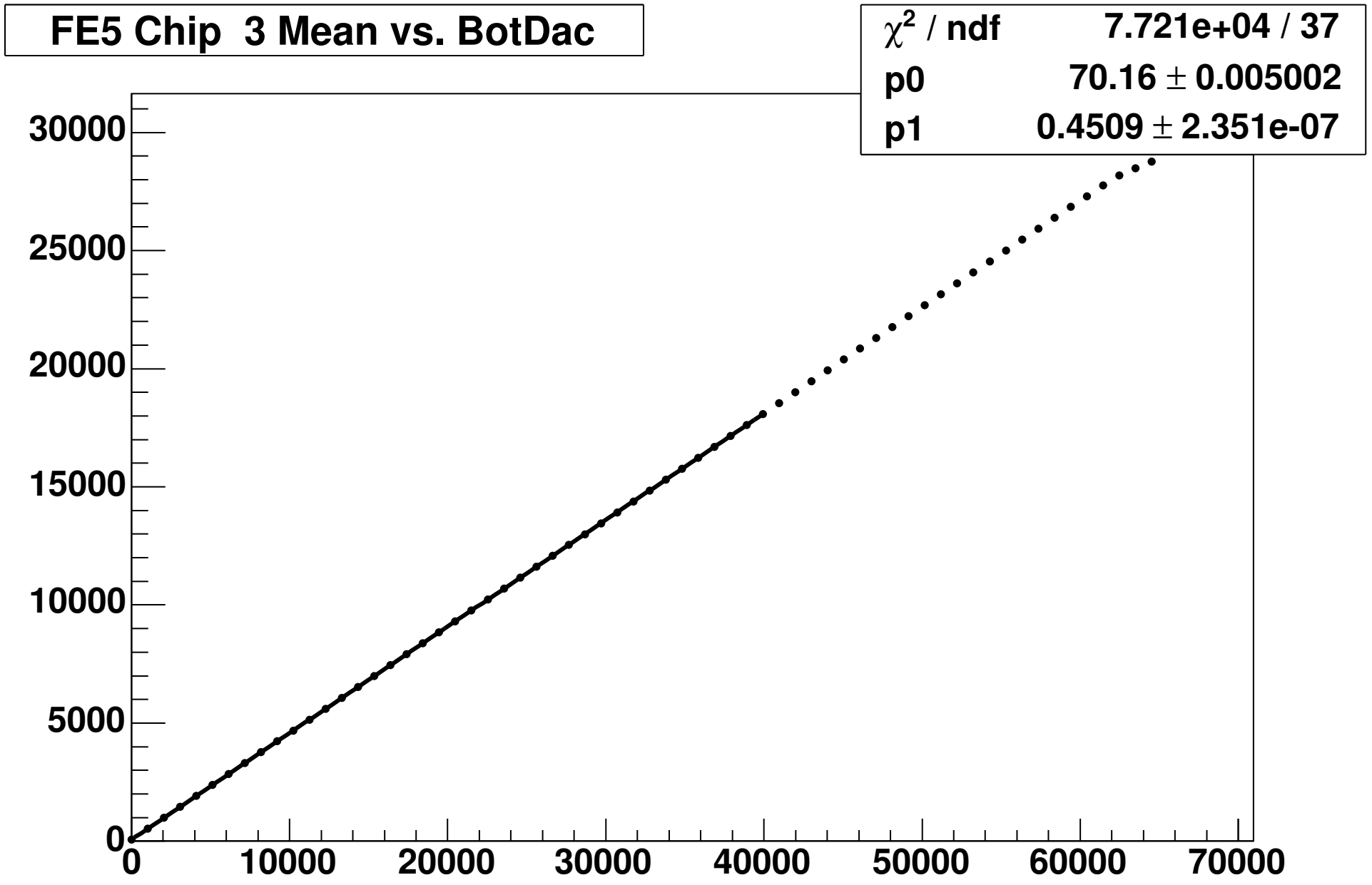
FE5 Chip 3 Mean vs. BotDac
χ² / ndf 7.721e+04 / 37
p0 70.16 ± 0.005002
p1 0.4509 ± 2.351e-07
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25000
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15000
10000
5000
0
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10000
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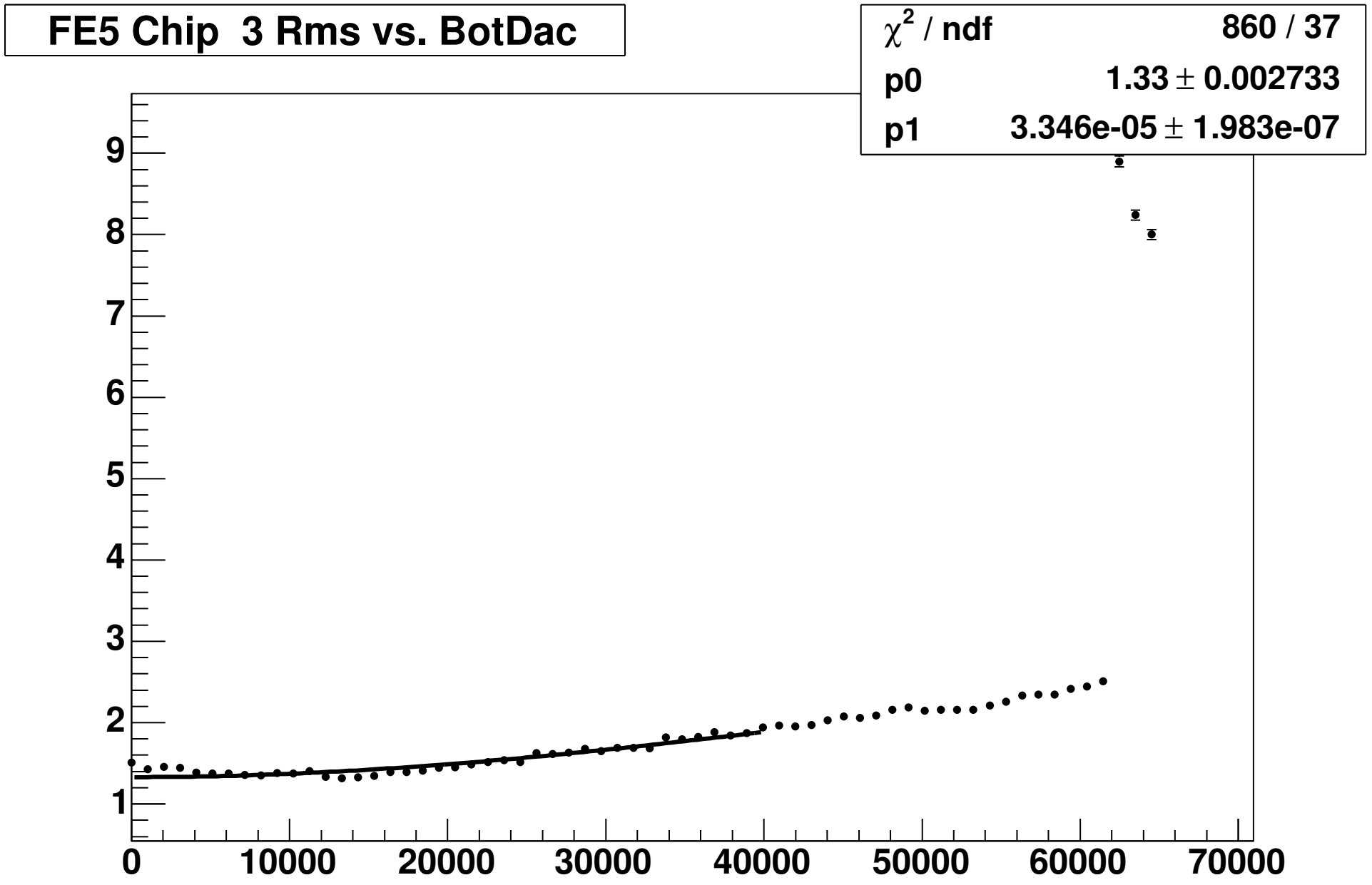
60000
70000


FE5 Chip 3 Rms vs. BotDac
χ² / ndf 860 / 37
p0 1.33 ± 0.002733
p1 3.346e-05 ± 1.983e-07
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8
7
6
5
4
3
2
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0
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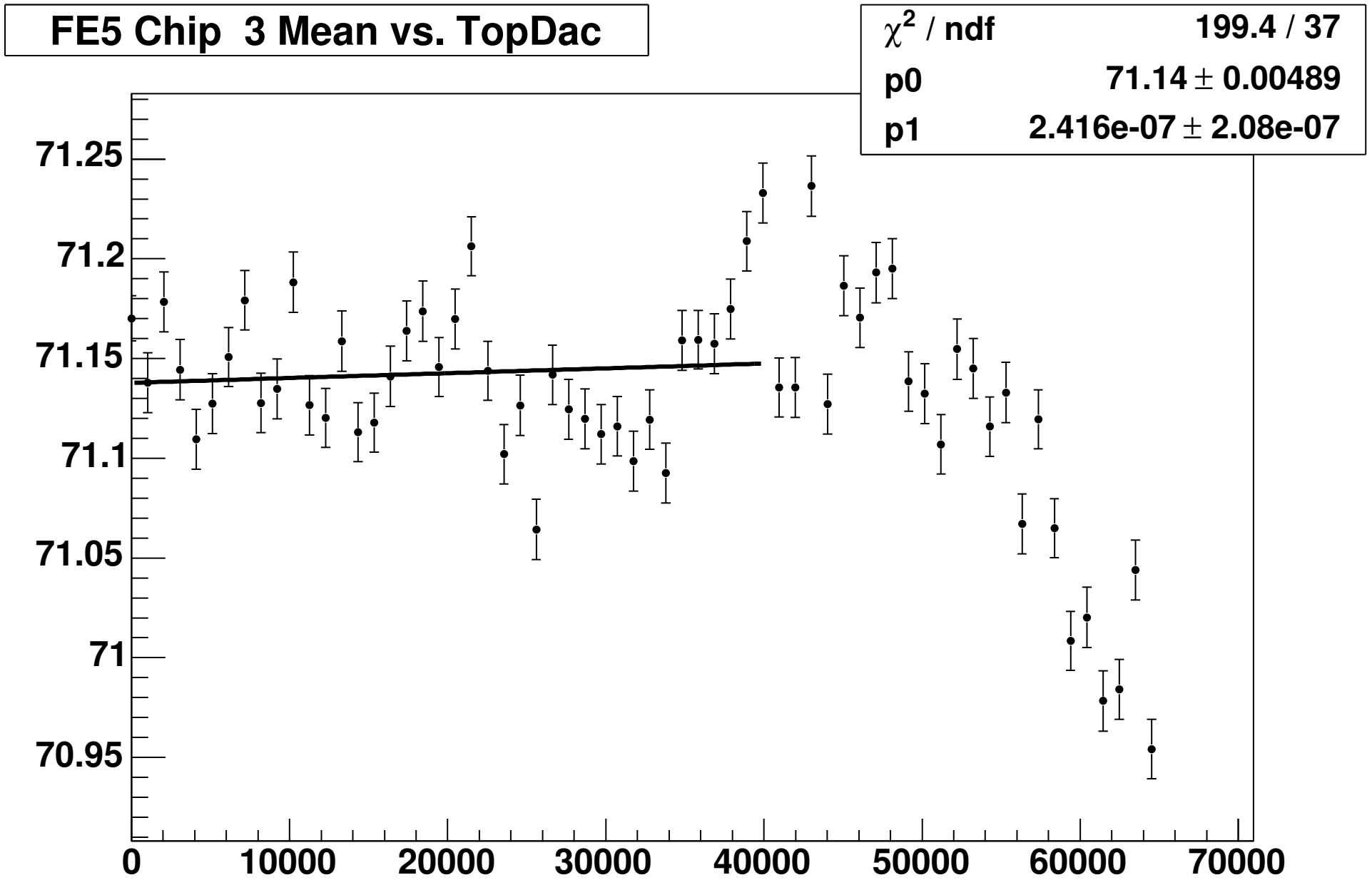
FE5 Chip 3 Mean vs. TopDac
χ² / ndf 199.4 / 37
p0 71.14 ± 0.00489
p1 2.416e-07 ± 2.08e-07
71.25
71.2
71.15
71.1
71.05
71
70.95
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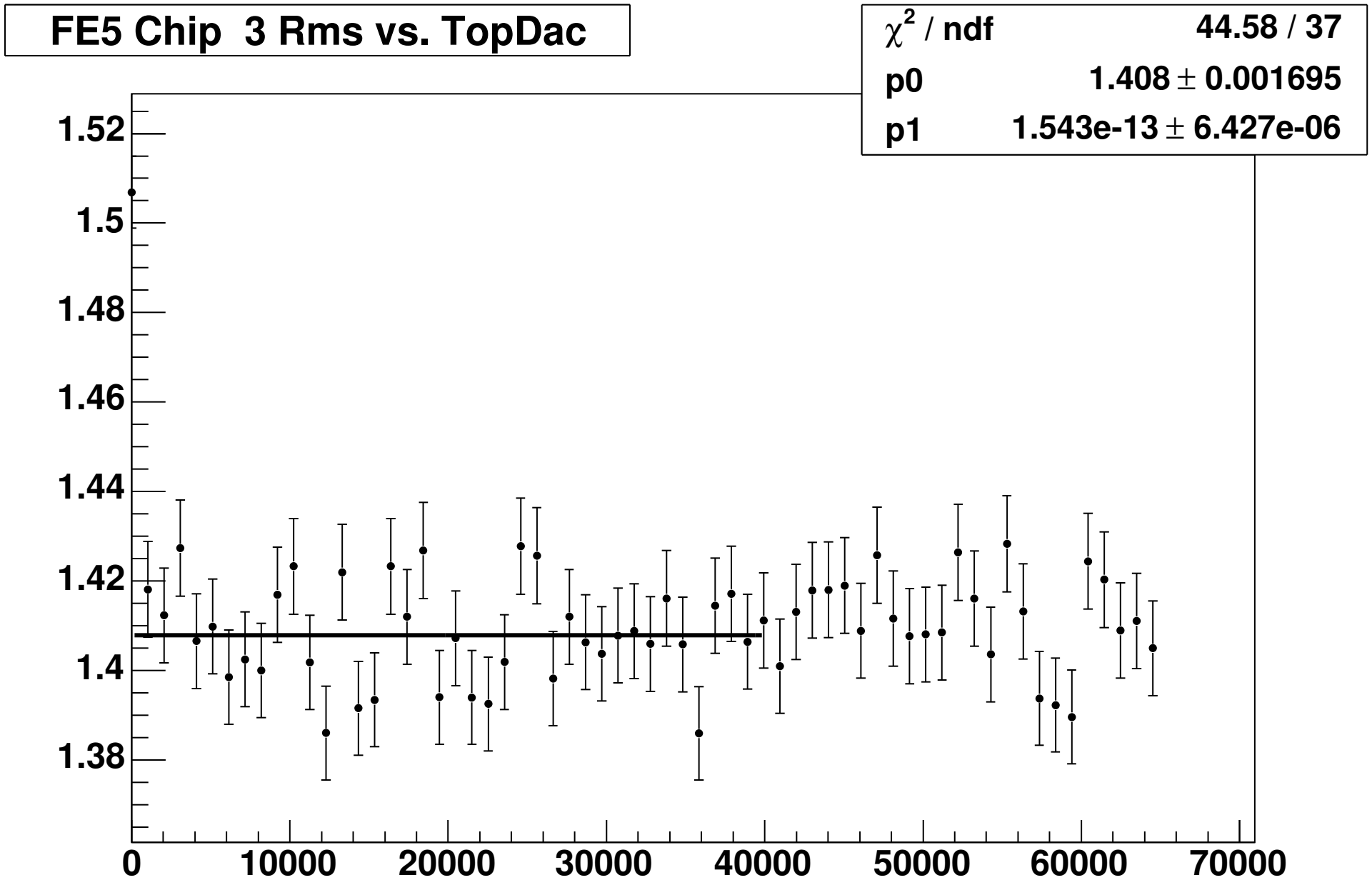
FE5 Chip 3 Rms vs. TopDac
χ² / ndf 44.58 / 37
p0 1.408 ± 0.001695
p1 1.543e-13 ± 6.427e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
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20000
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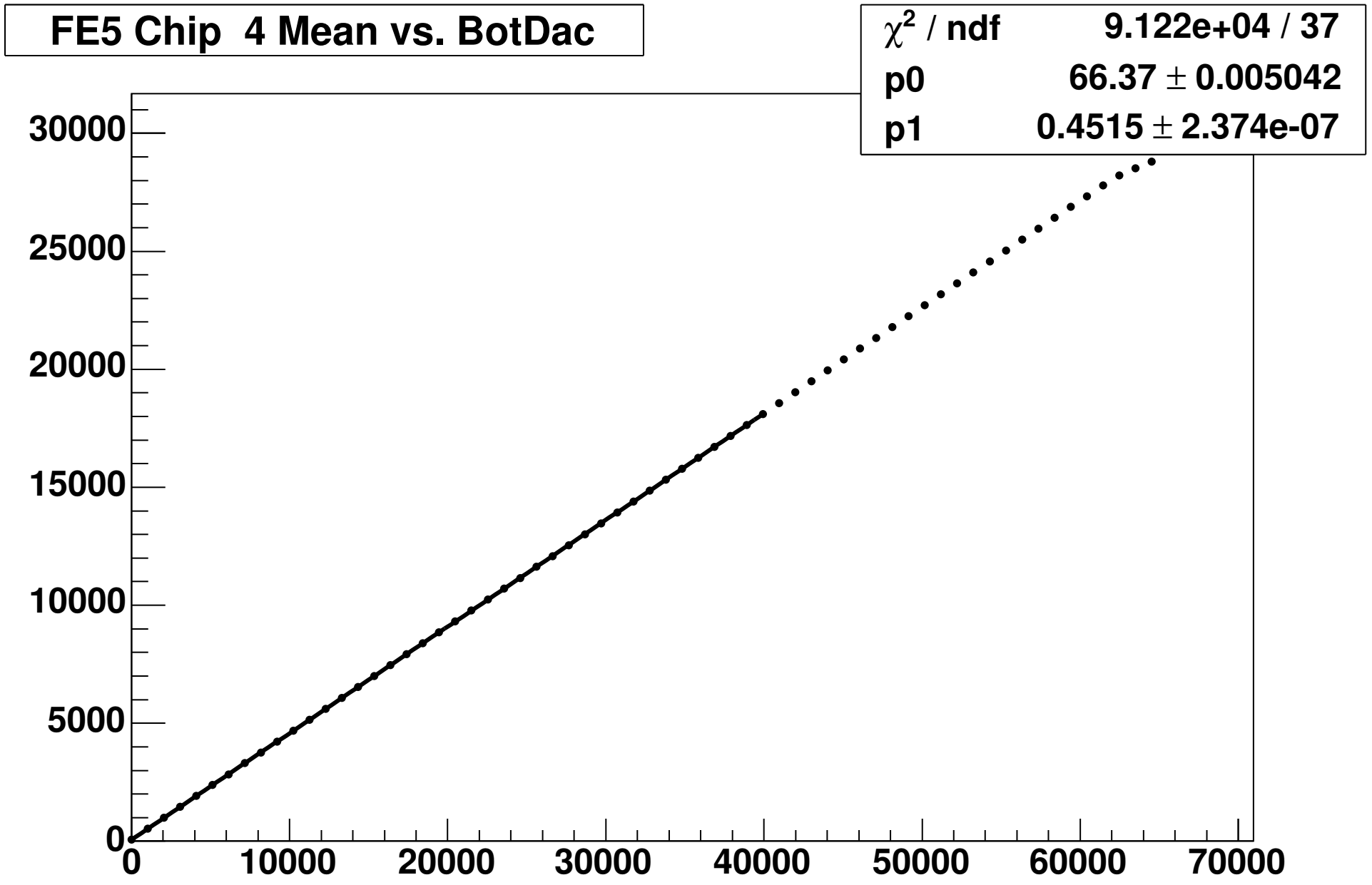
FE5 Chip 4 Mean vs. BotDac
χ² / ndf 9.122e+04 / 37
p0 66.37 ± 0.005042
p1 0.4515 ± 2.374e-07
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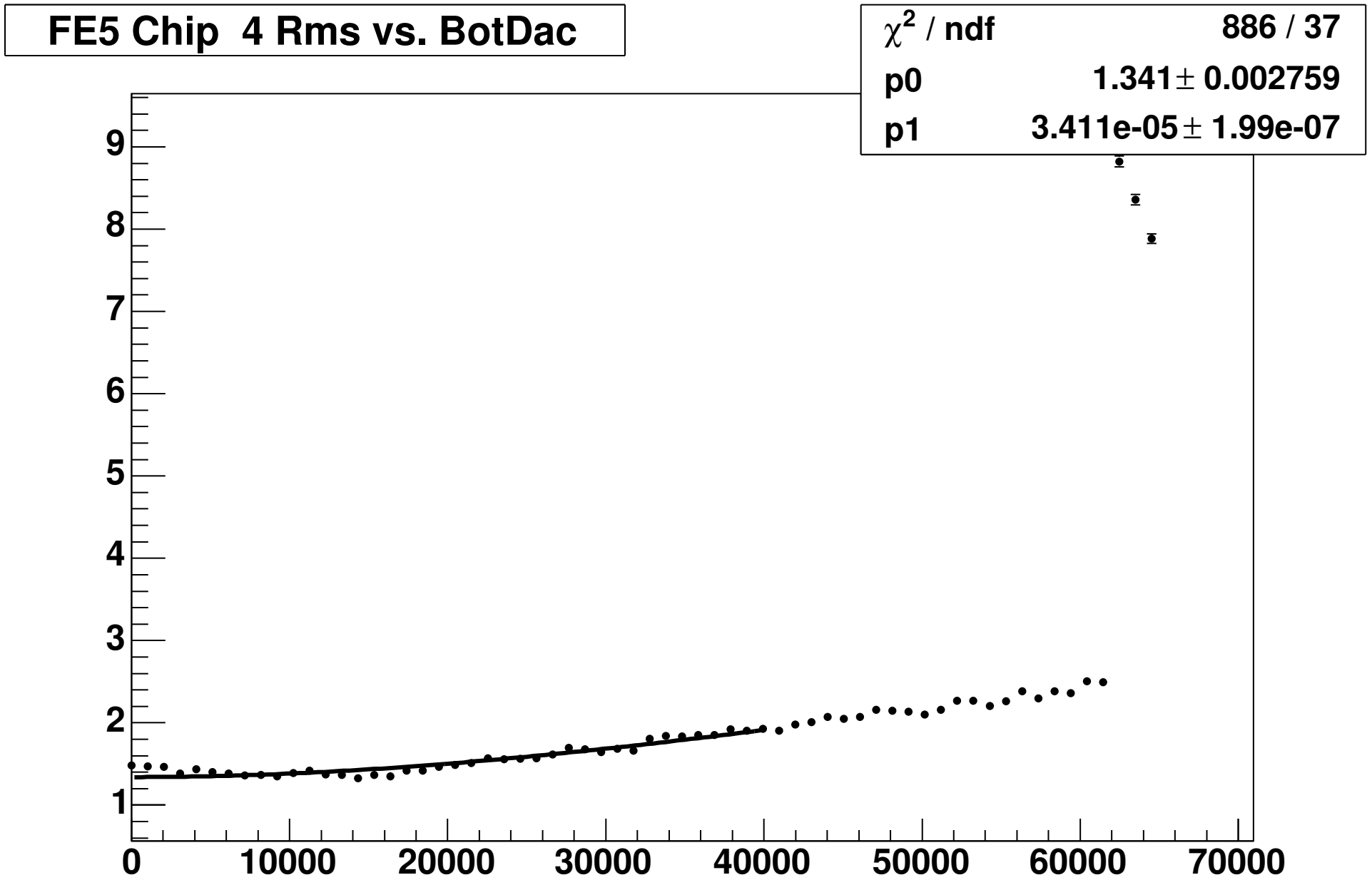
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 4 Rms vs. BotDac
χ² / ndf 886 / 37
p0 1.341 ± 0.002759
p1 3.411e-05 ± 1.99e-07
9
8
7
6
5
4
3
2
1
0
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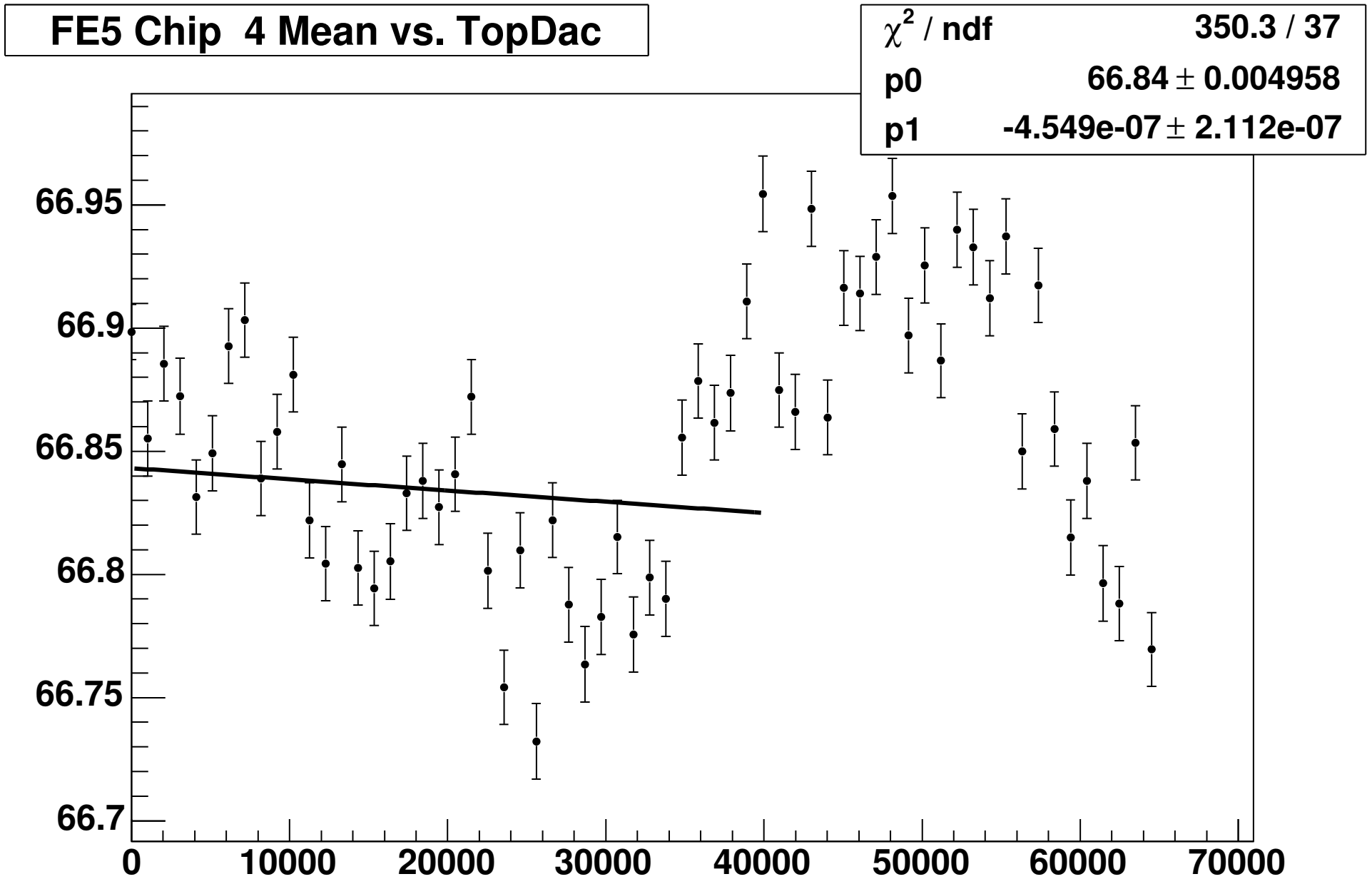
50000
60000
70000


FE5 Chip 4 Mean vs. TopDac
χ² / ndf 350.3 / 37
p0 66.84 ± 0.004958
p1 -4.549e-07 ± 2.112e-07
66.95
66.9
66.85
66.8
66.75
66.7
0
10000
20000
30000
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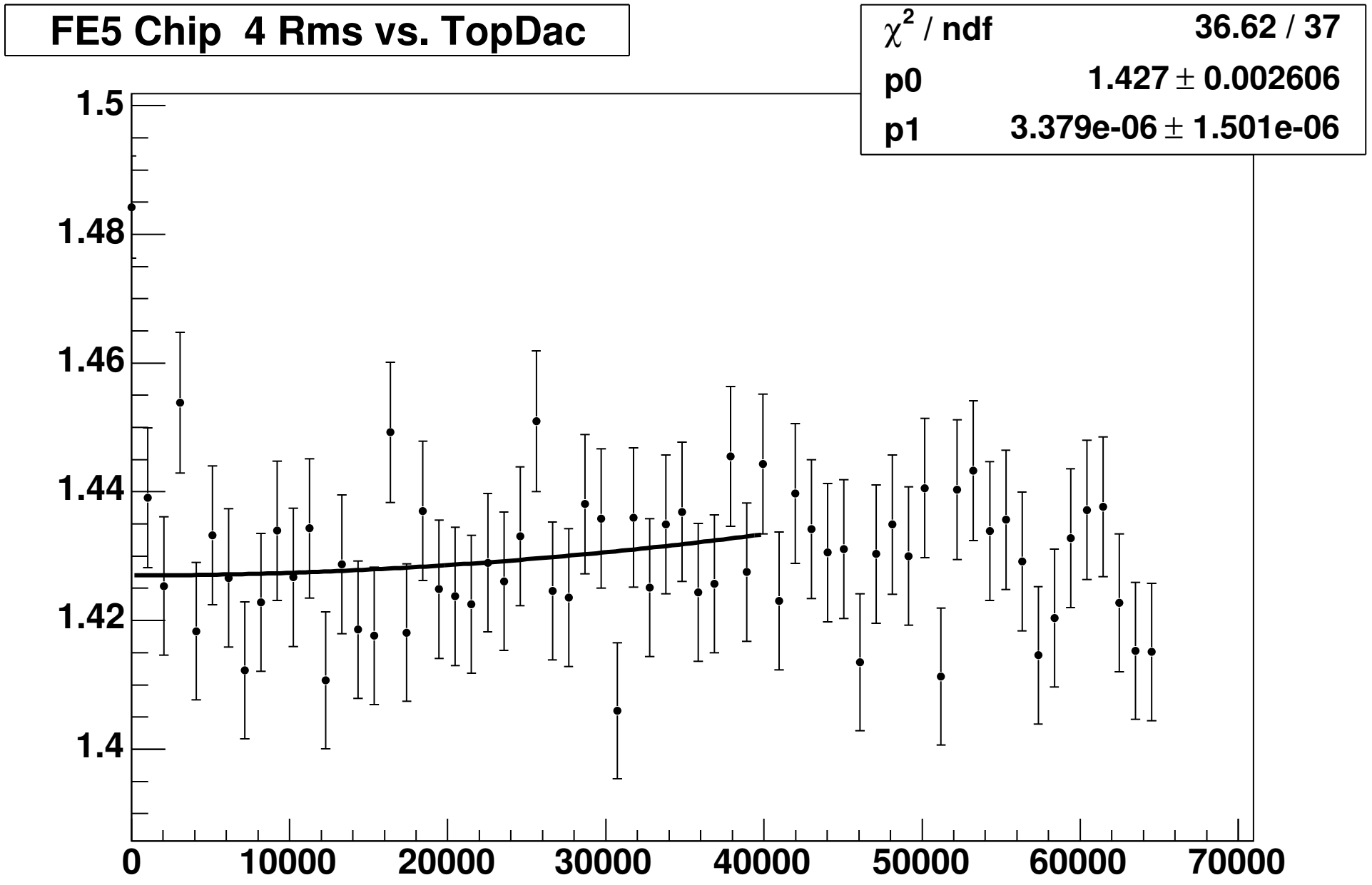
60000
70000


FE5 Chip 4 Rms vs. TopDac
χ² / ndf 36.62 / 37
p0 1.427 ± 0.002606
p1 3.379e-06 ± 1.501e-06
1.5
1.48
1.46
1.44
1.42
1.4
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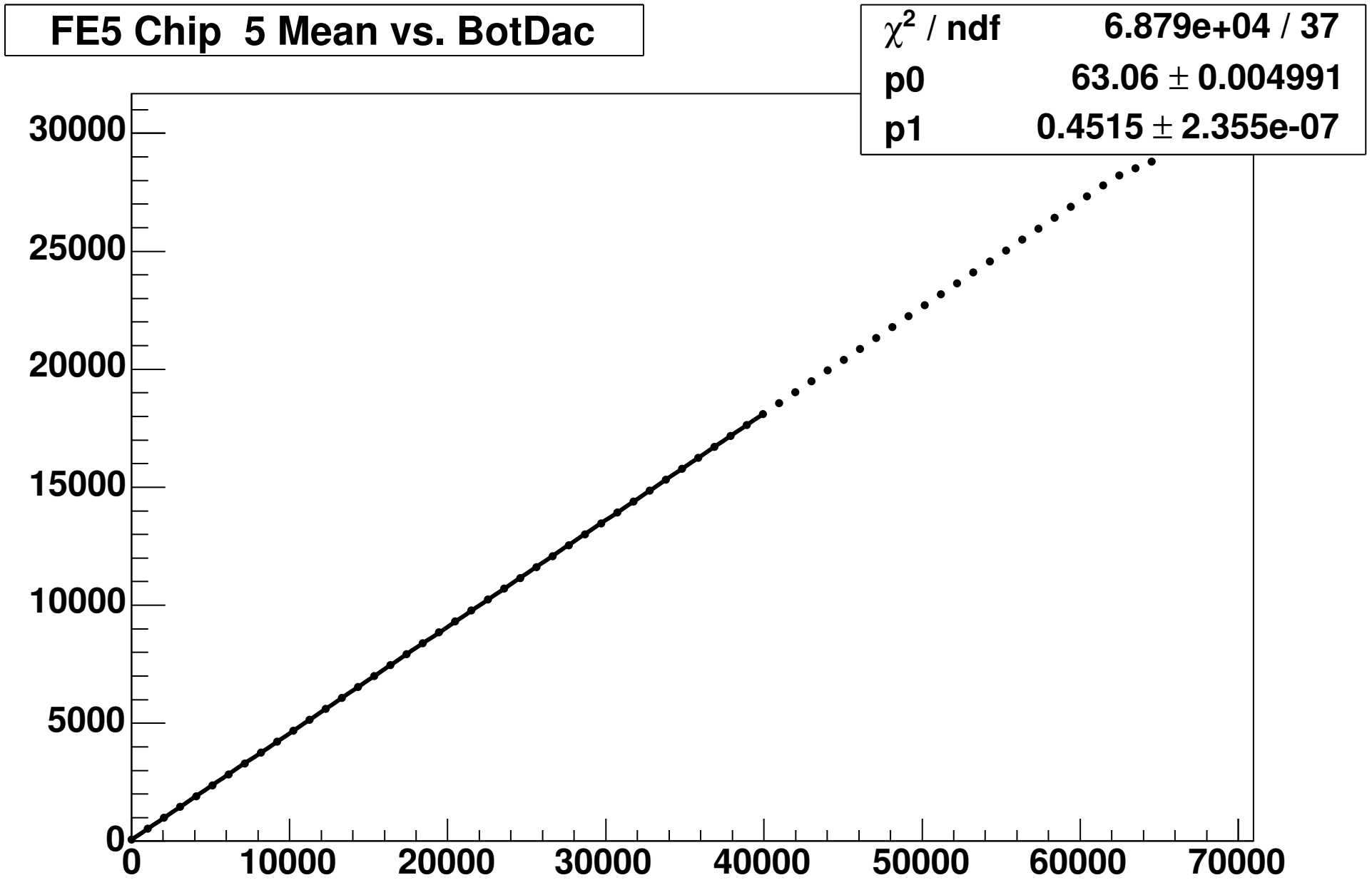
FE5 Chip 5 Mean vs. BotDac
χ² / ndf 6.879e+04 / 37
p0 63.06 ± 0.004991
p1 0.4515 ± 2.355e-07
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15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
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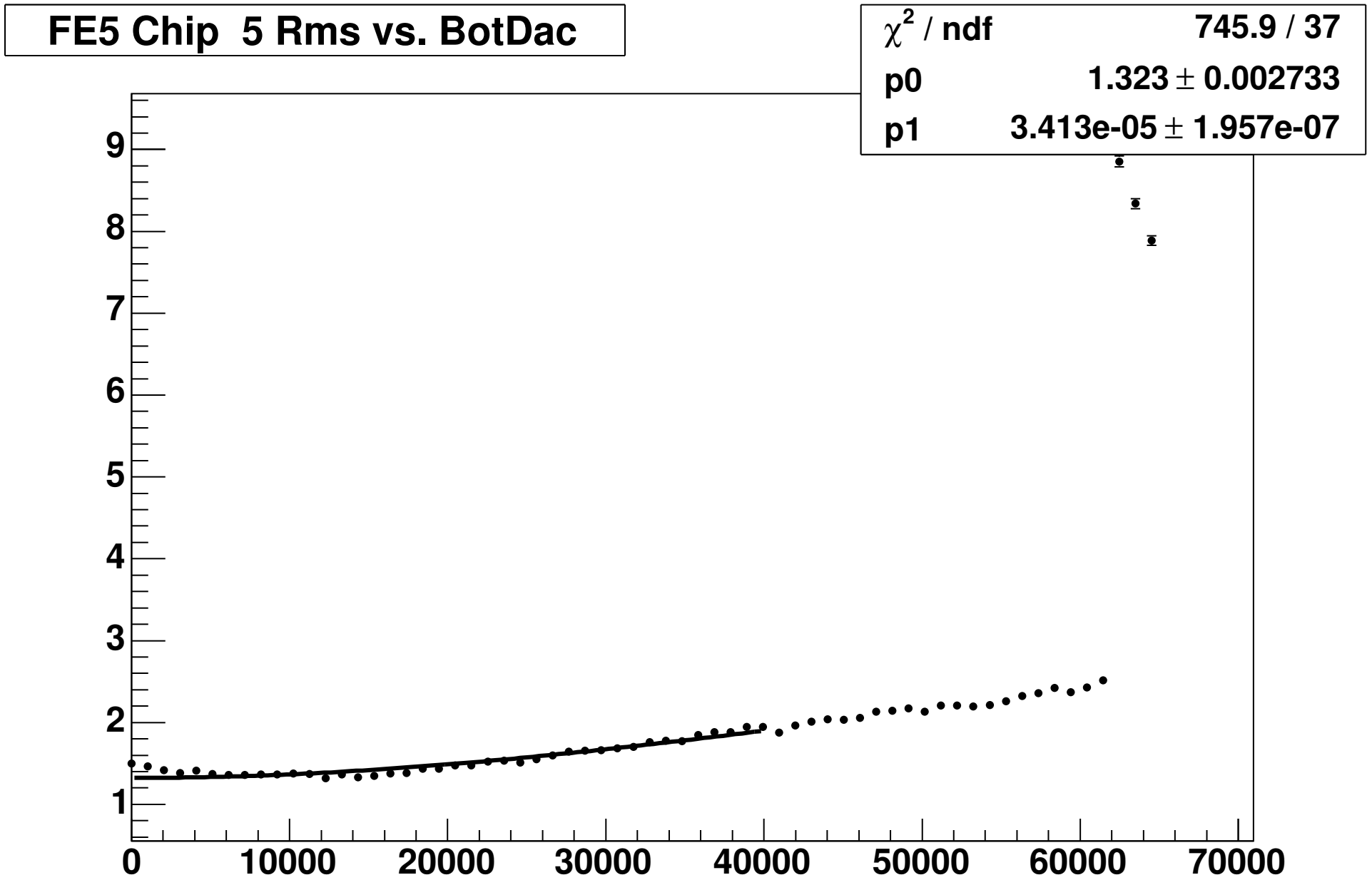
FE5 Chip 5 Rms vs. BotDac
χ² / ndf 745.9 / 37
p0 1.323 ± 0.002733
p1 3.413e-05 ± 1.957e-07
9
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7
6
5
4
3
2
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0
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50000
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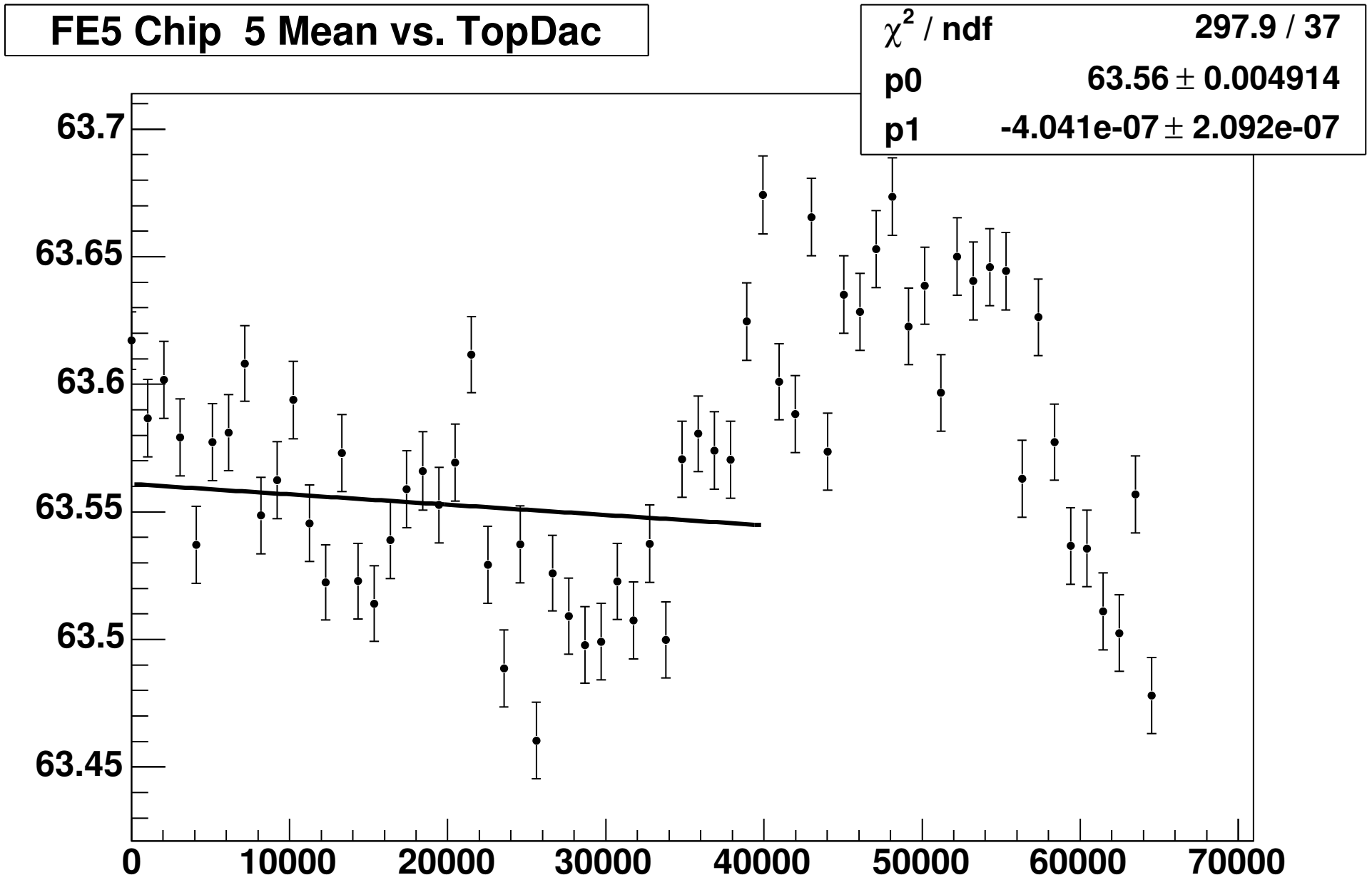
FE5 Chip 5 Mean vs. TopDac
χ² / ndf 297.9 / 37
p0 63.56 ± 0.004914
p1 -4.041e-07 ± 2.092e-07
63.7
63.65
63.6
63.55
63.5
63.45
0
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60000
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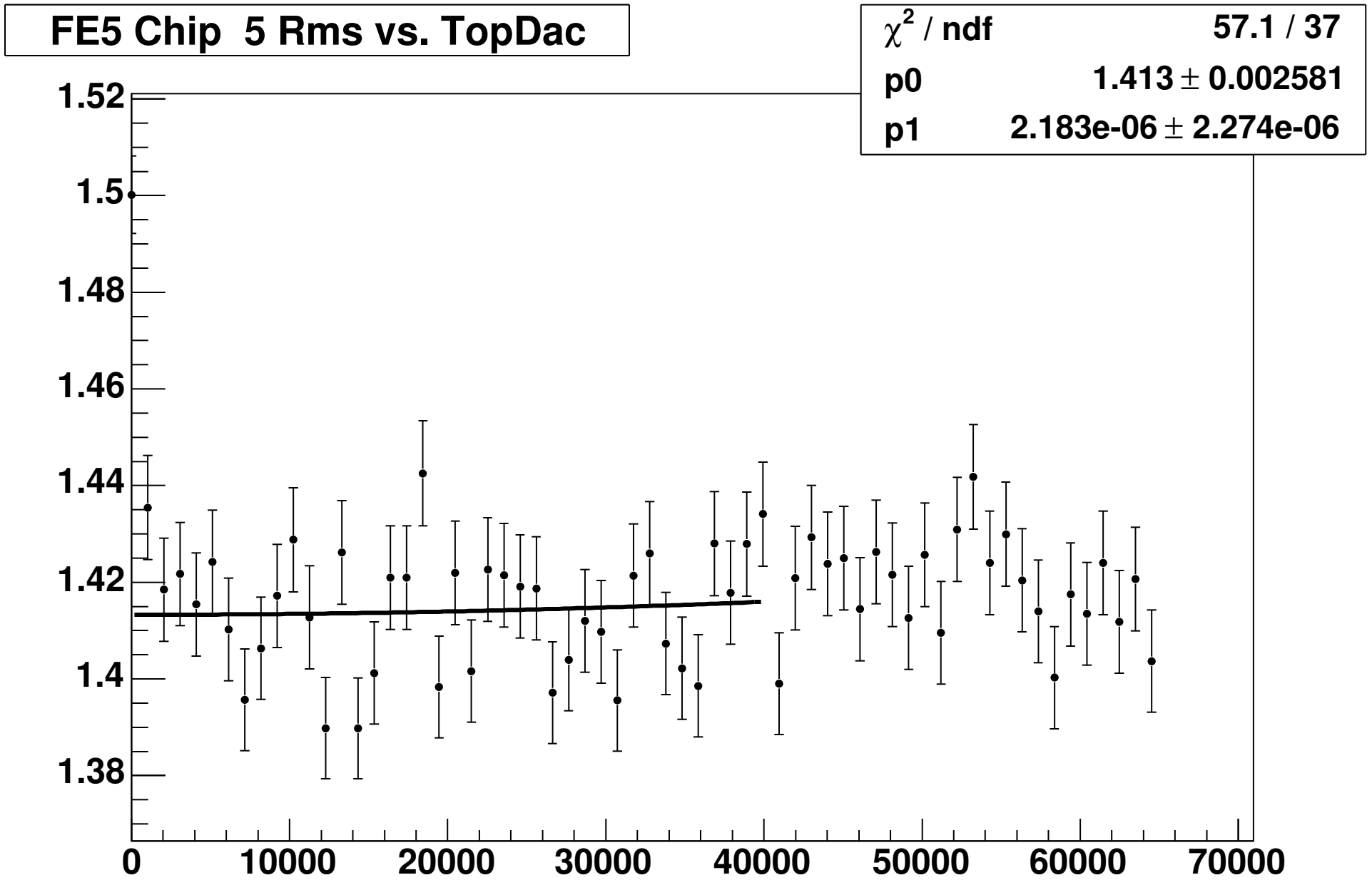
FE5 Chip 5 Rms vs. TopDac
χ² / ndf 57.1 / 37
p0 1.413 ± 0.002581
p1 2.183e-06 ± 2.274e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
0
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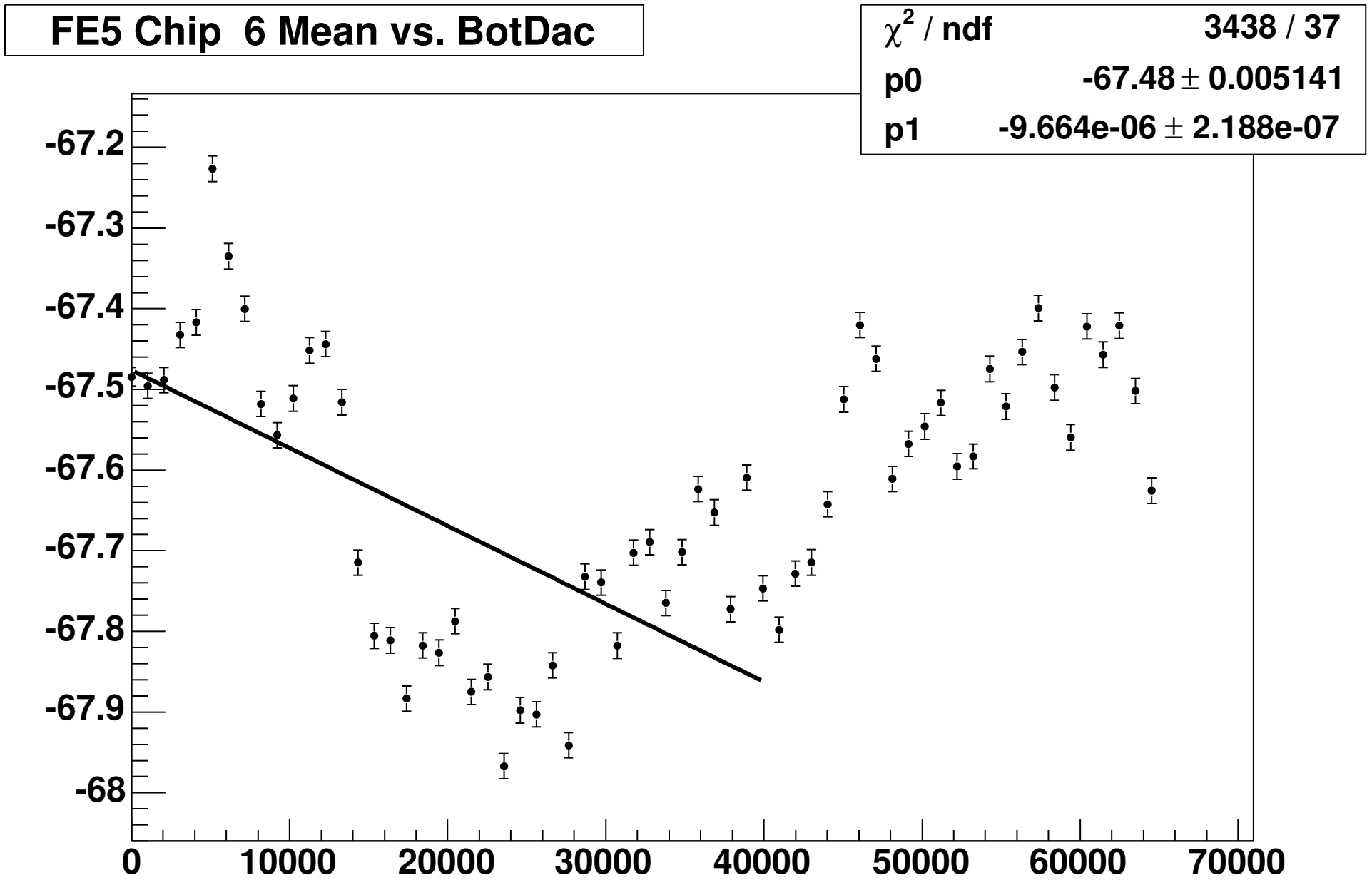
FE5 Chip 6 Mean vs. BotDac
χ² / ndf 3438 / 37
p0 -67.48 ± 0.005141
p1 -9.664e-06 ± 2.188e-07
-67.2
-67.3
-67.4
-67.5
-67.6
-67.7
-67.8
-67.9
-68
0
10000
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30000
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50000
60000
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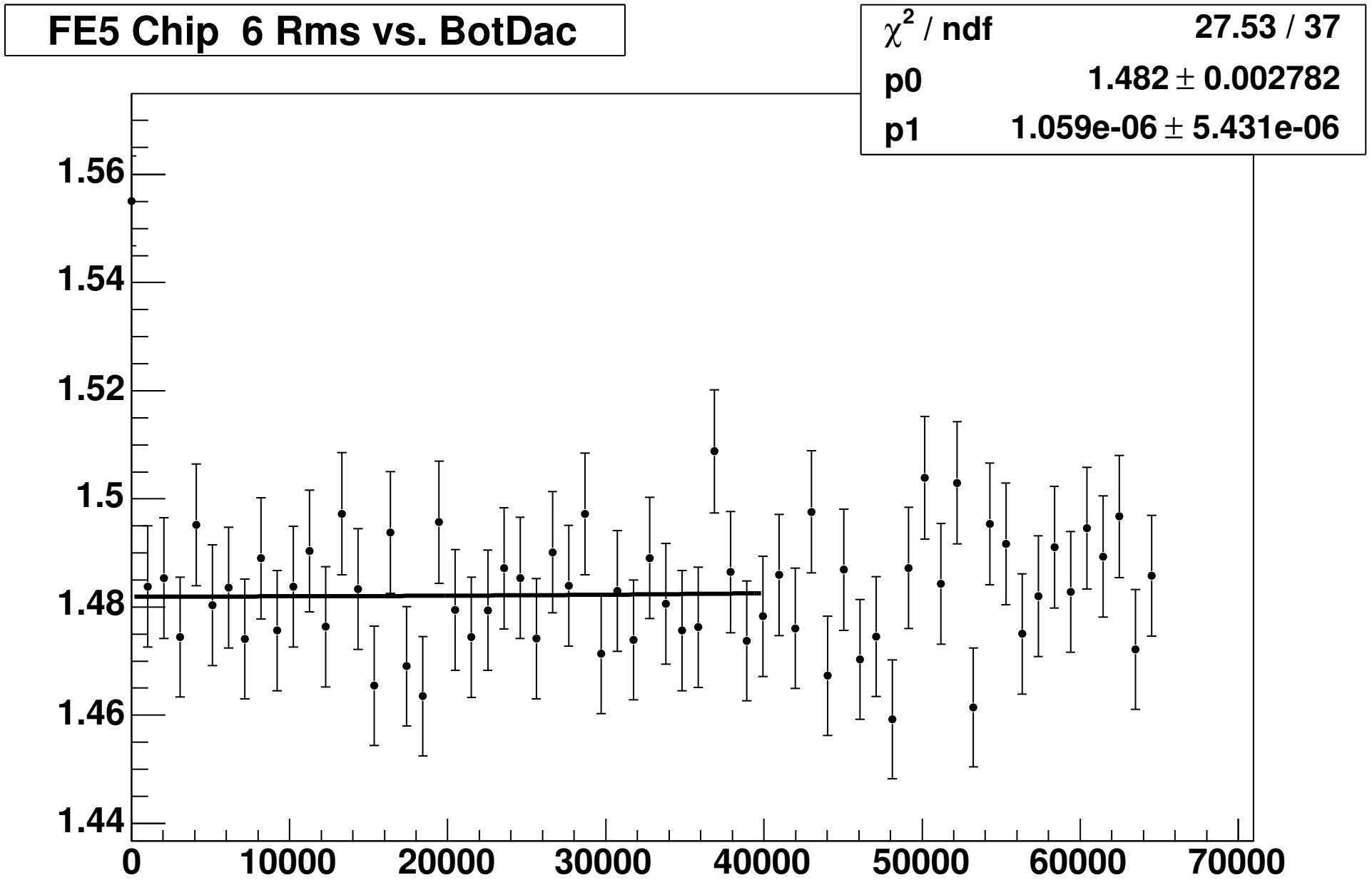
FE5 Chip 6 Rms vs. BotDac
χ² / ndf 27.53 / 37
p0 1.482 ± 0.002782
p1 1.059e-06 ± 5.431e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
50000
60000
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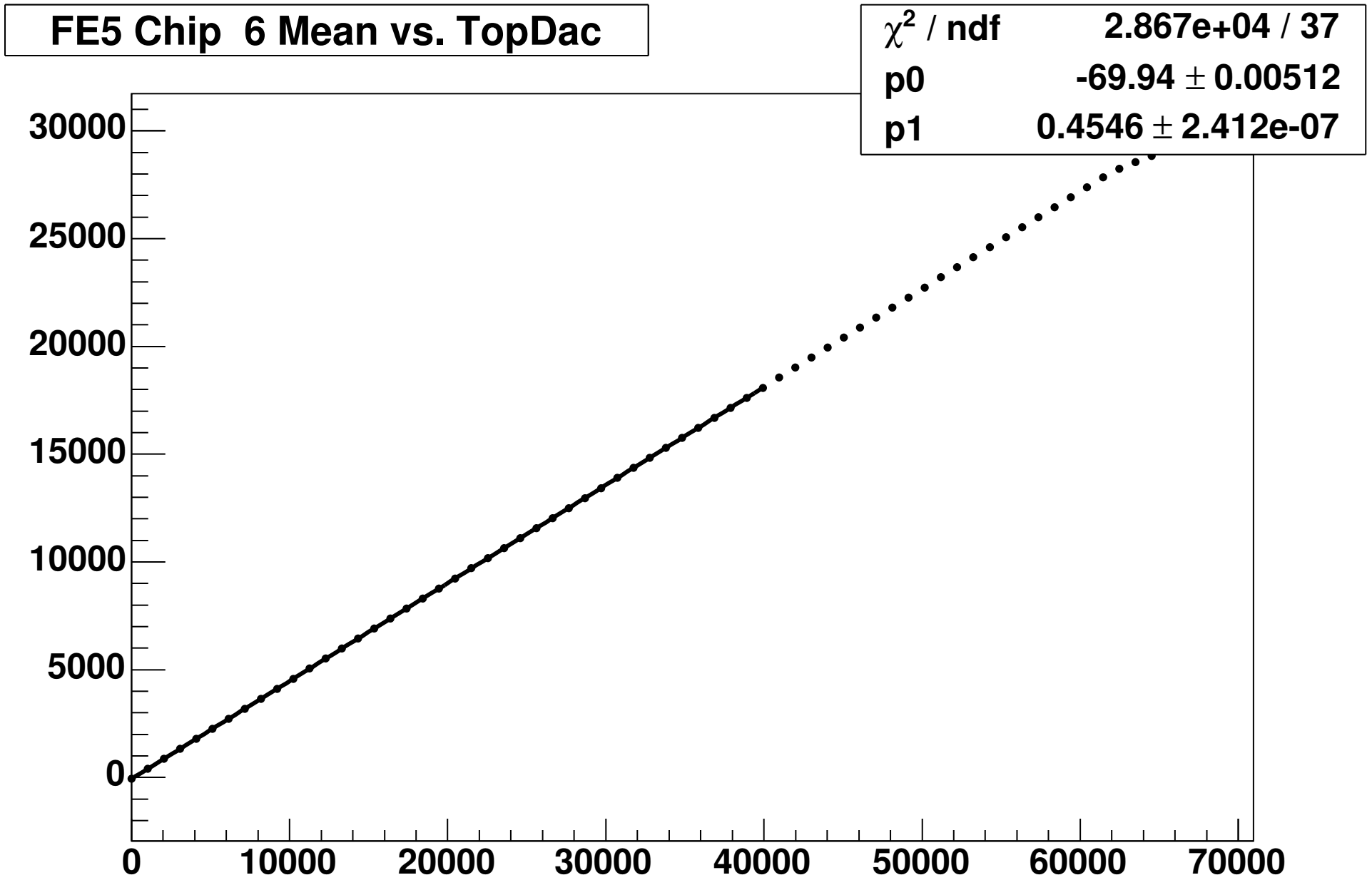
FE5 Chip 6 Mean vs. TopDac
χ² / ndf 2.867e+04 / 37
p0 -69.94 ± 0.00512
p1 0.4546 ± 2.412e-07
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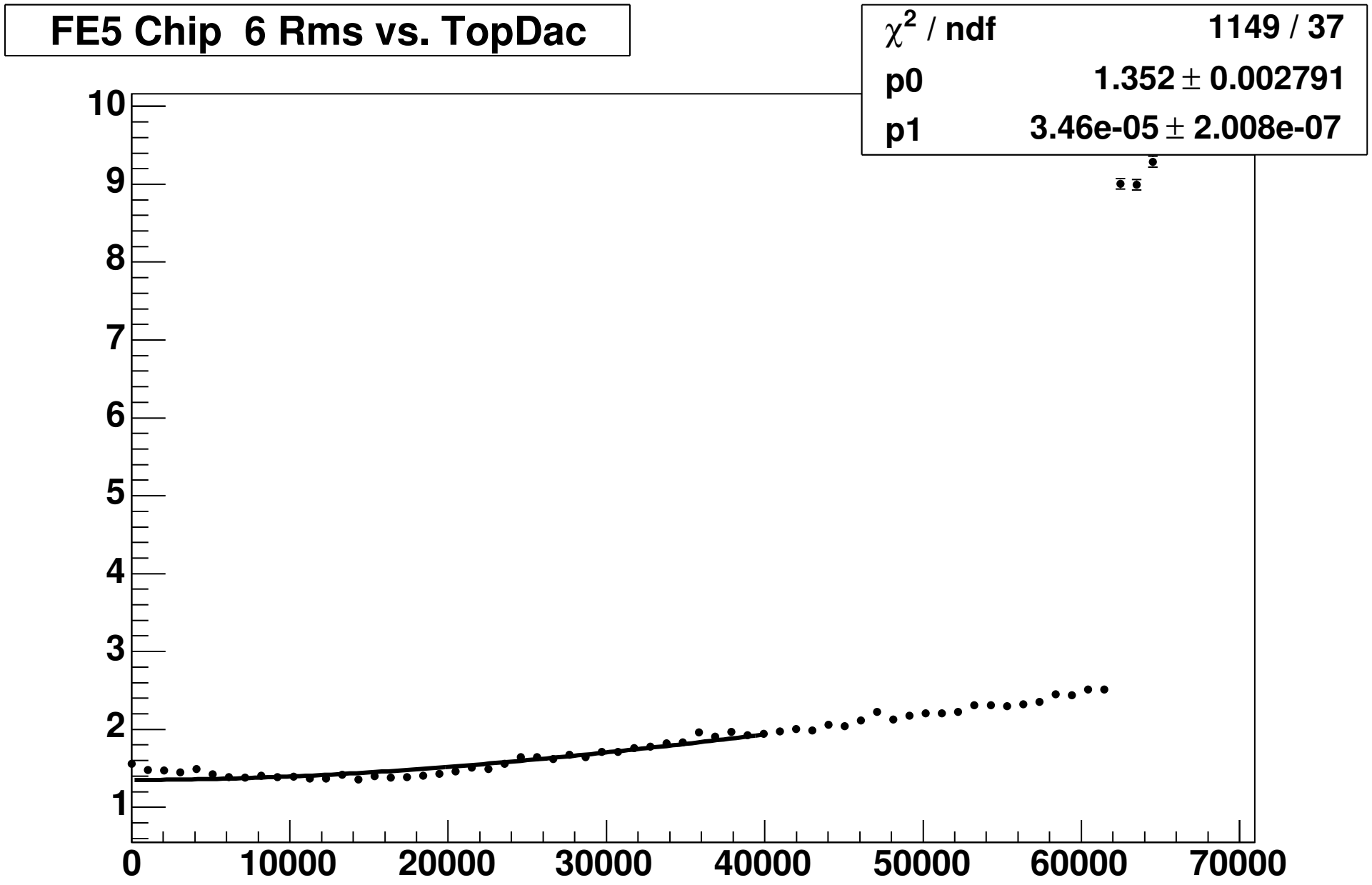
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 6 Rms vs. TopDac
χ² / ndf 1149 / 37
p0 1.352 ± 0.002791
p1 3.46e-05 ± 2.008e-07
10
9
8
7
6
5
4
3
2
1
0
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20000
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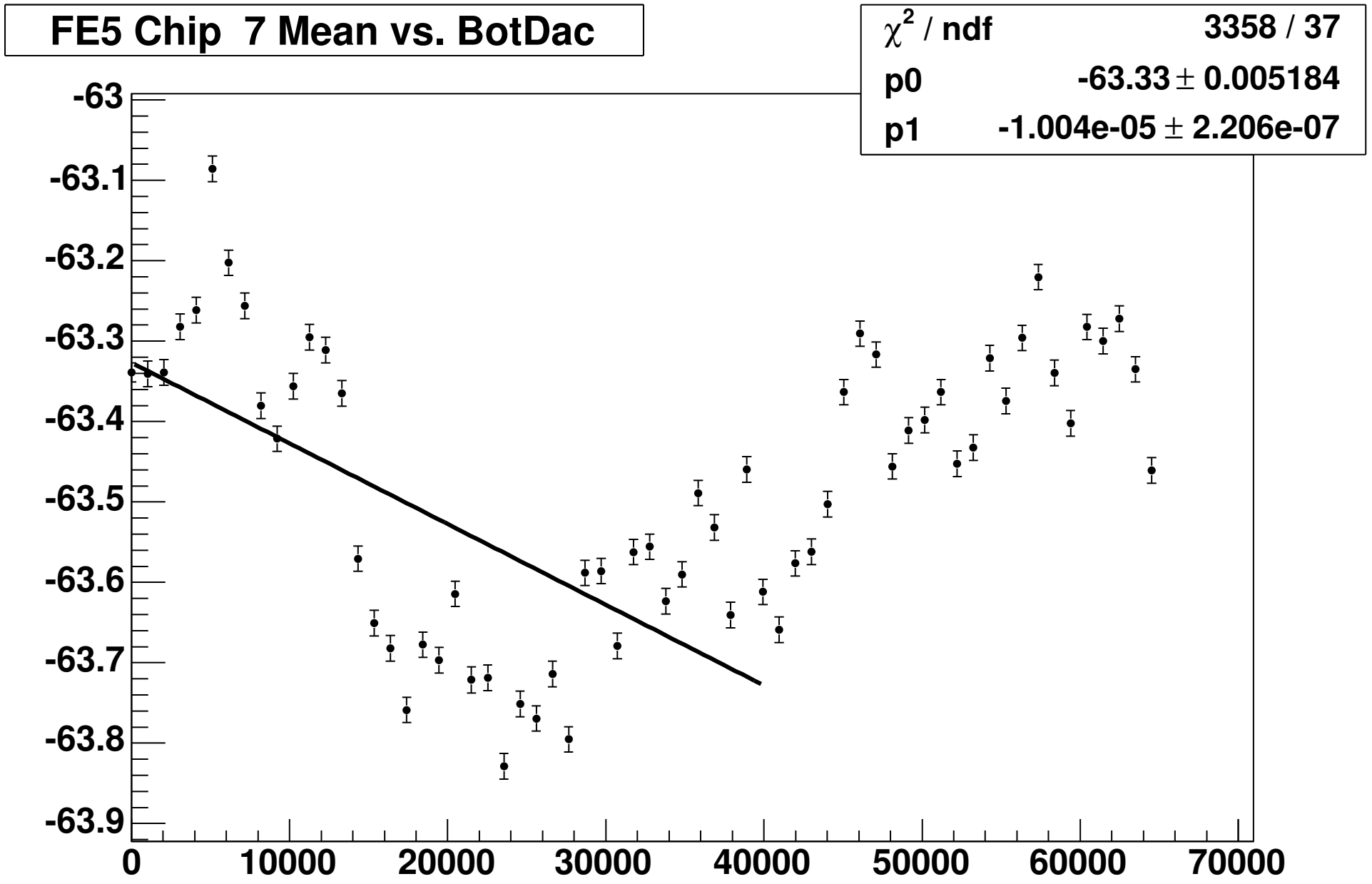
50000
60000
70000


FE5 Chip 7 Mean vs. BotDac
χ² / ndf 3358 / 37
p0 -63.33 ± 0.005184
p1 -1.004e-05 ± 2.206e-07
-63
-63.1
-63.2
-63.3
-63.4
-63.5
-63.6
-63.7
-63.8
-63.9
0
10000
20000
30000
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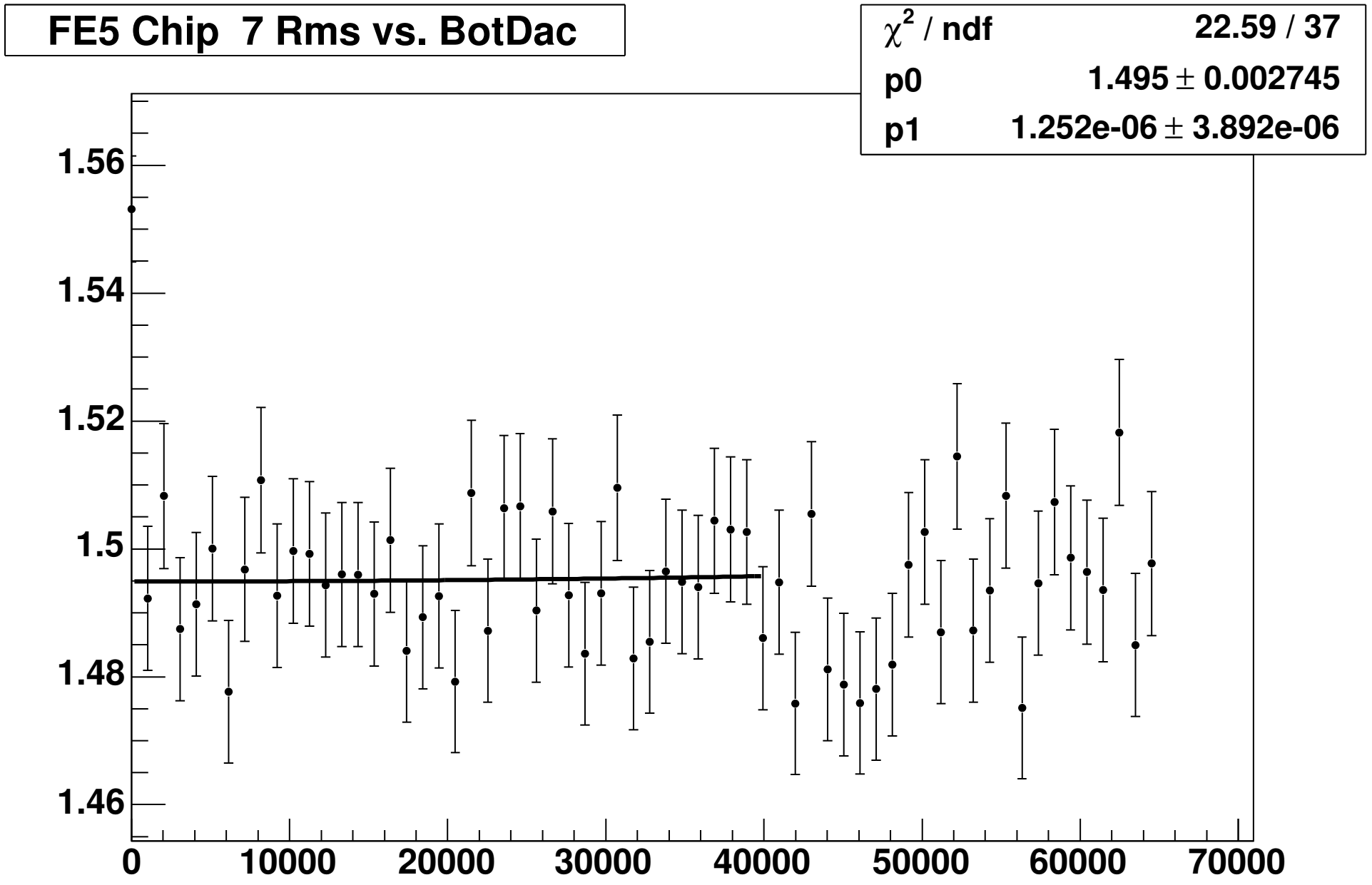
FE5 Chip 7 Rms vs. BotDac
χ² / ndf 22.59 / 37
p0 1.495 ± 0.002745
p1 1.252e-06 ± 3.892e-06
1.56
1.54
1.52
1.5
1.48
1.46
0
10000
20000
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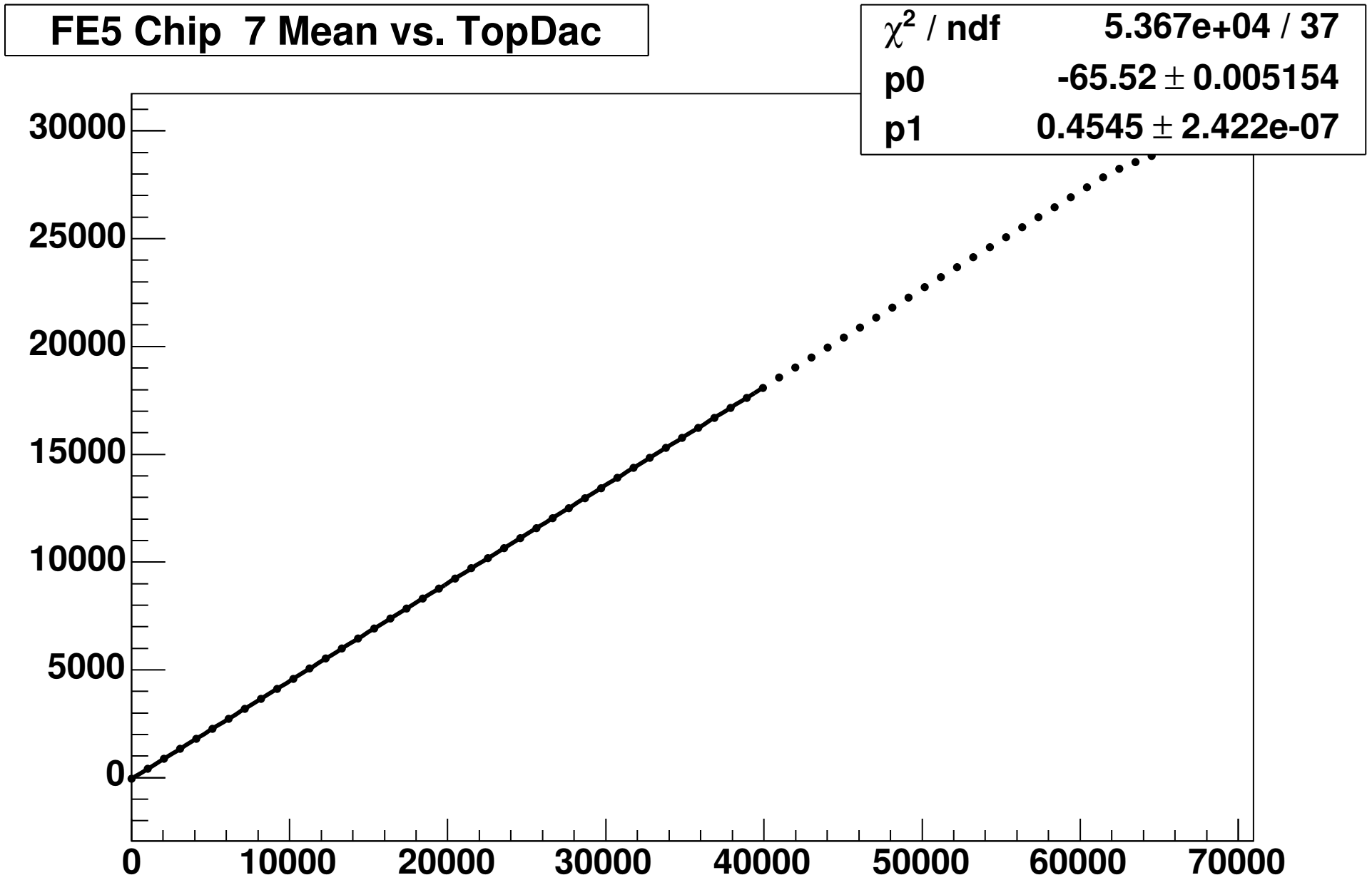
FE5 Chip 7 Mean vs. TopDac
χ² / ndf 5.367e+04 / 37
p0 -65.52 ± 0.005154
p1 0.4545 ± 2.422e-07
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20000
15000
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10000
20000
30000
40000
50000
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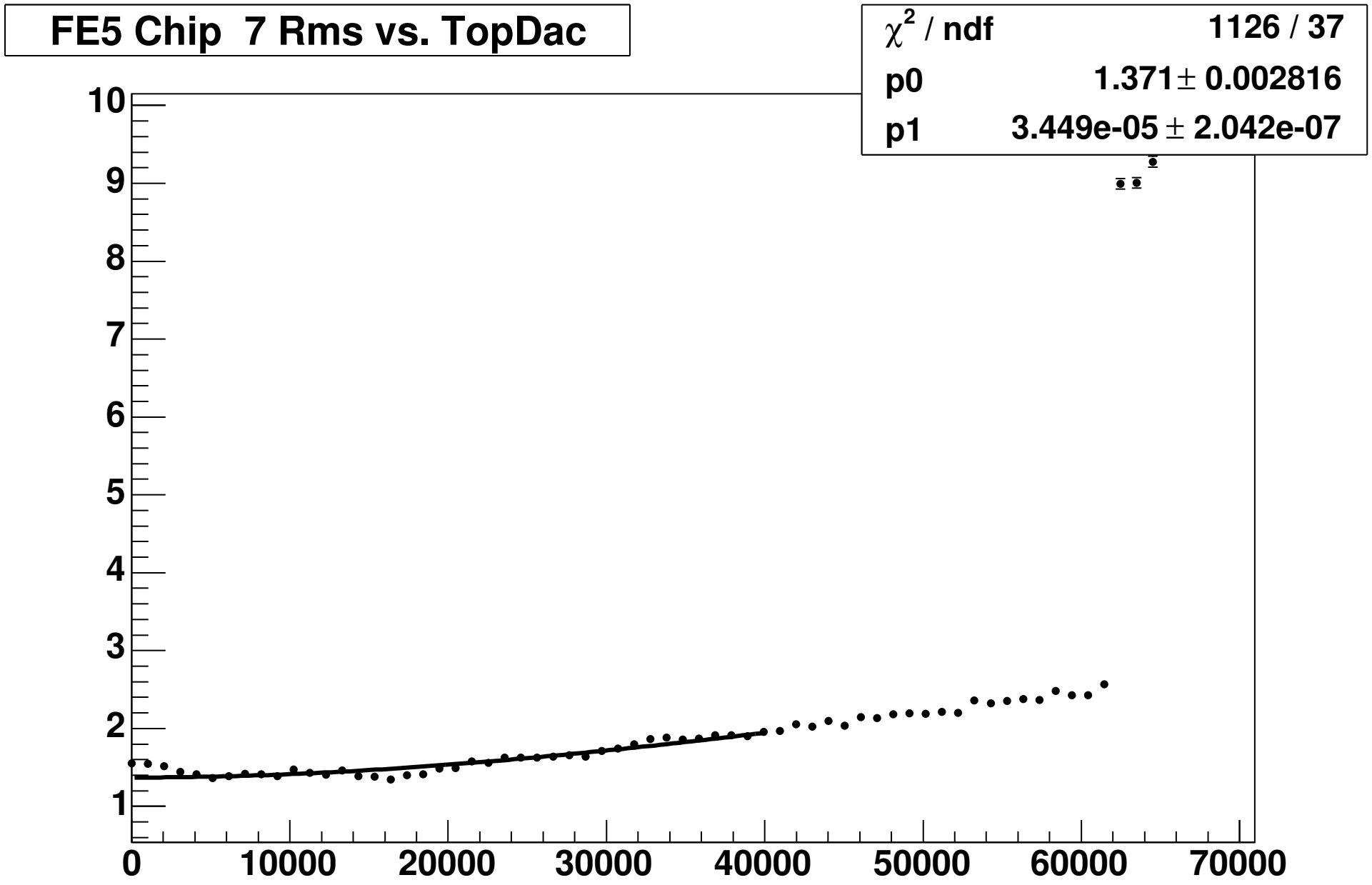
70000


FE5 Chip 7 Rms vs. TopDac
χ² / ndf 1126 / 37
p0 1.371 ± 0.002816
p1 3.449e-05 ± 2.042e-07
10
9
8
7
6
5
4
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2
1
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20000
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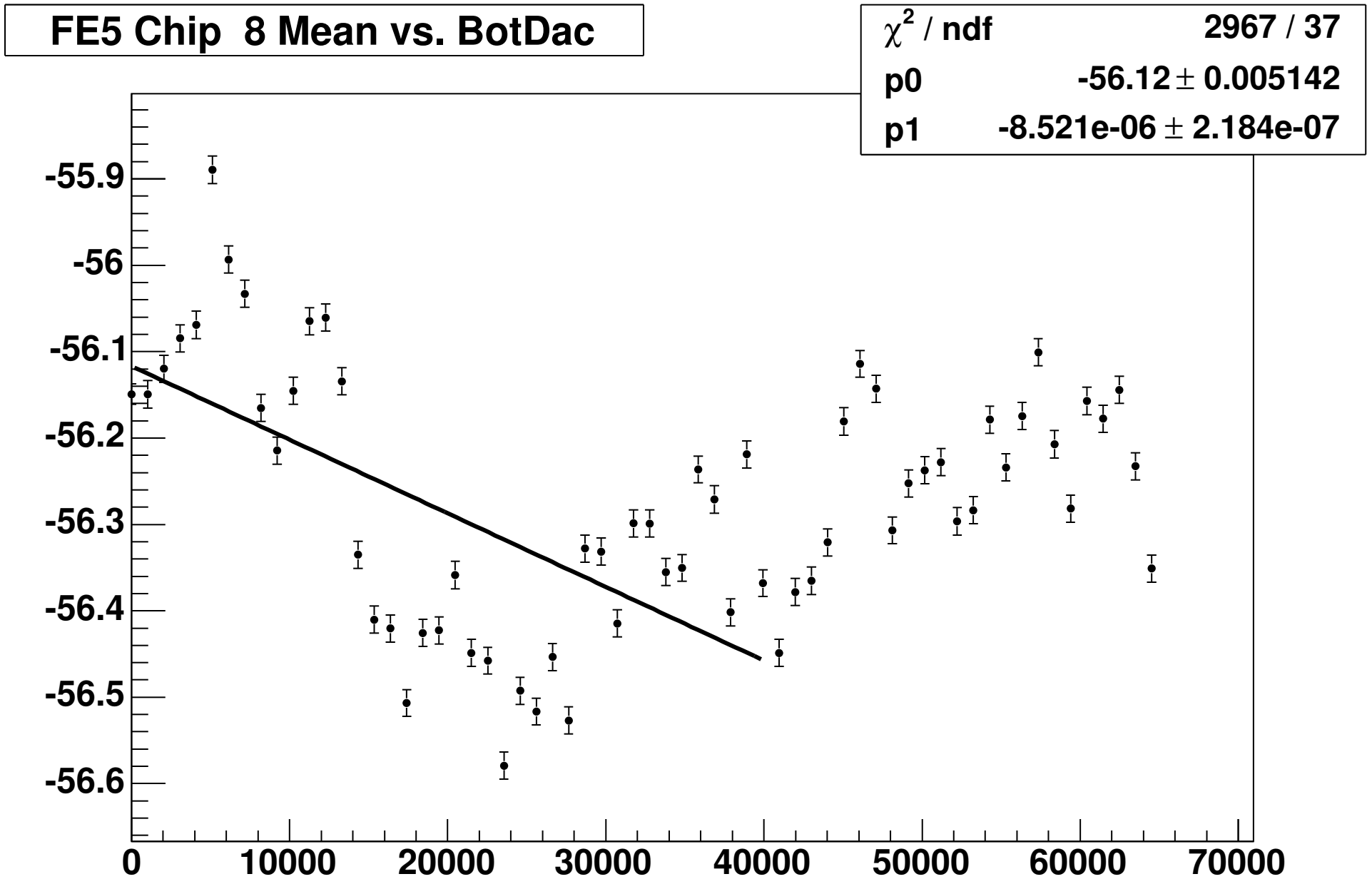
FE5 Chip 8 Mean vs. BotDac
χ² / ndf 2967 / 37
p0 -56.12 ± 0.005142
p1 -8.521e-06 ± 2.184e-07
-55.9
-56
-56.1
-56.2
-56.3
-56.4
-56.5
-56.6
0
10000
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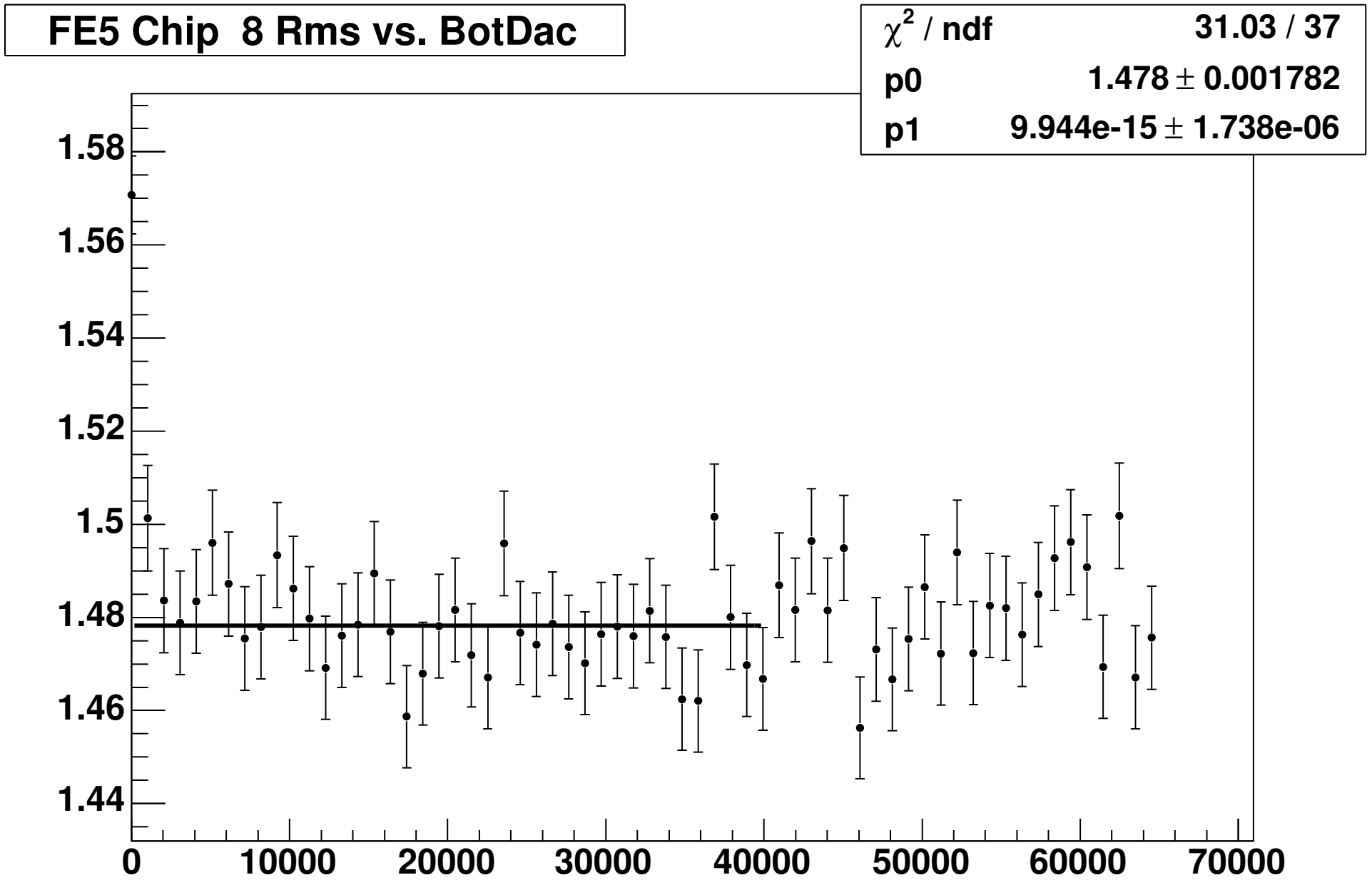
FE5 Chip 8 Rms vs. BotDac
χ² / ndf 31.03 / 37
p0 1.478 ± 0.001782
p1 9.944e-15 ± 1.738e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
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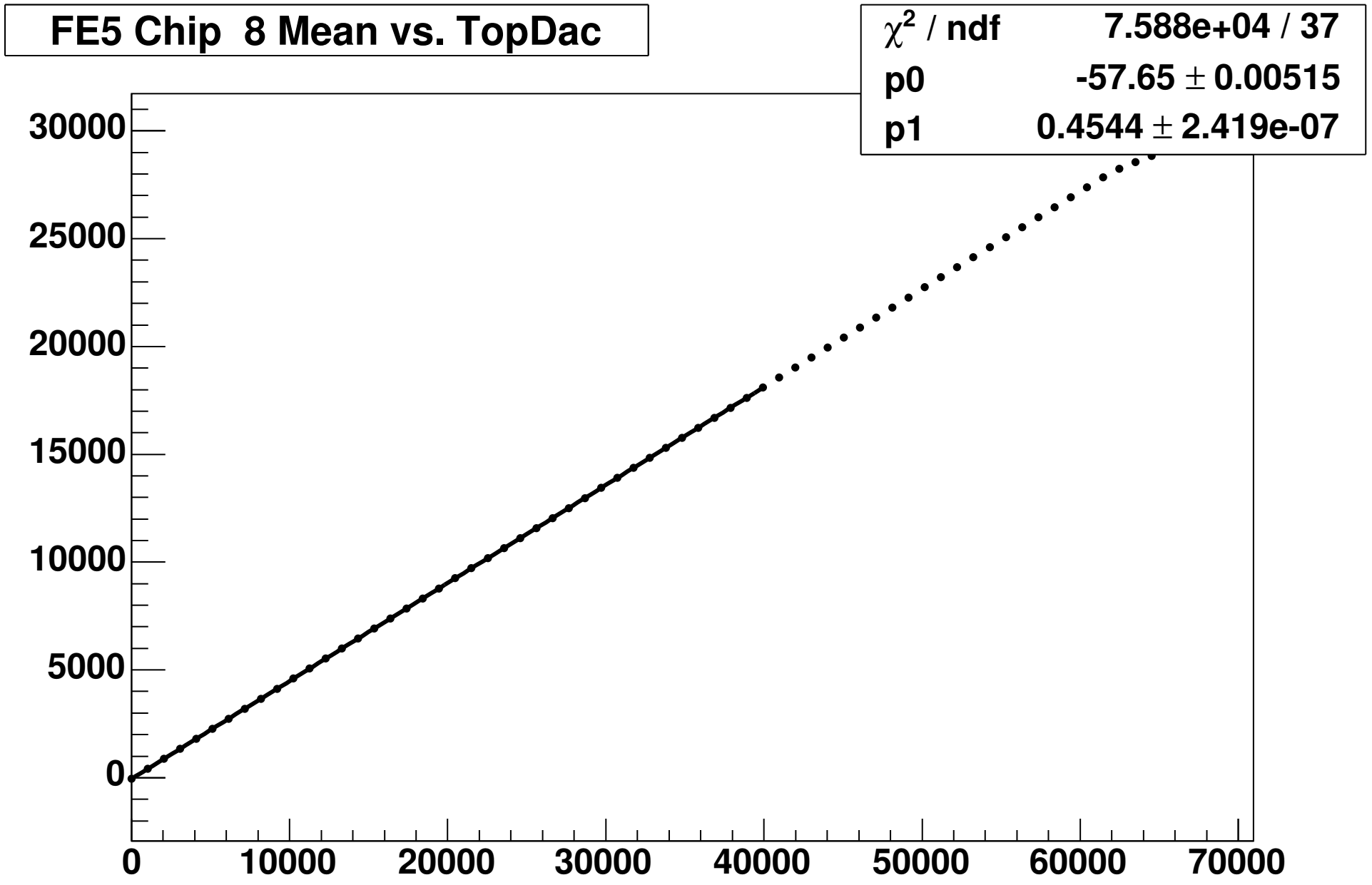
FE5 Chip 8 Mean vs. TopDac
χ² / ndf 7.588e+04 / 37
p0 -57.65 ± 0.00515
p1 0.4544 ± 2.419e-07
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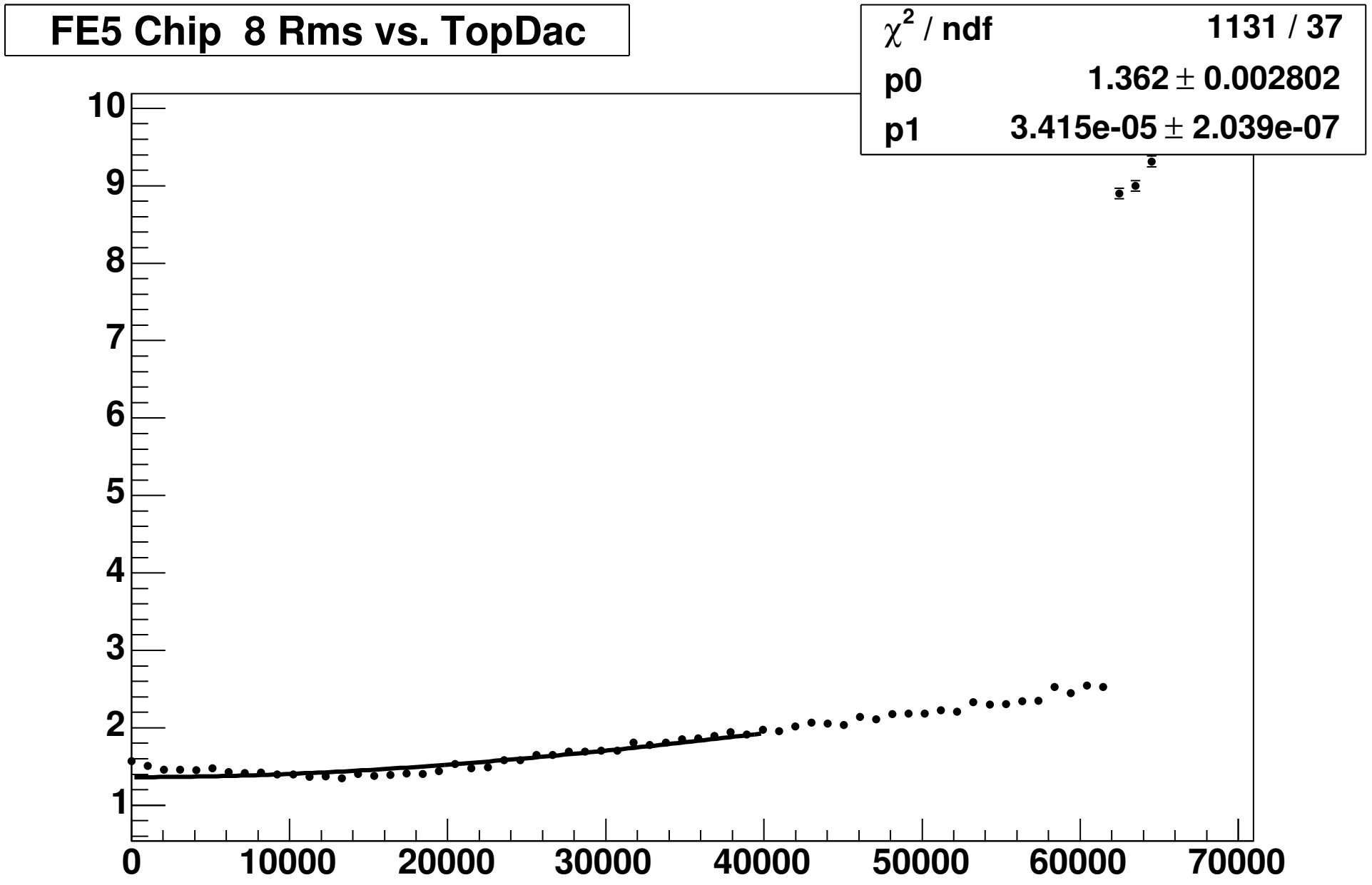
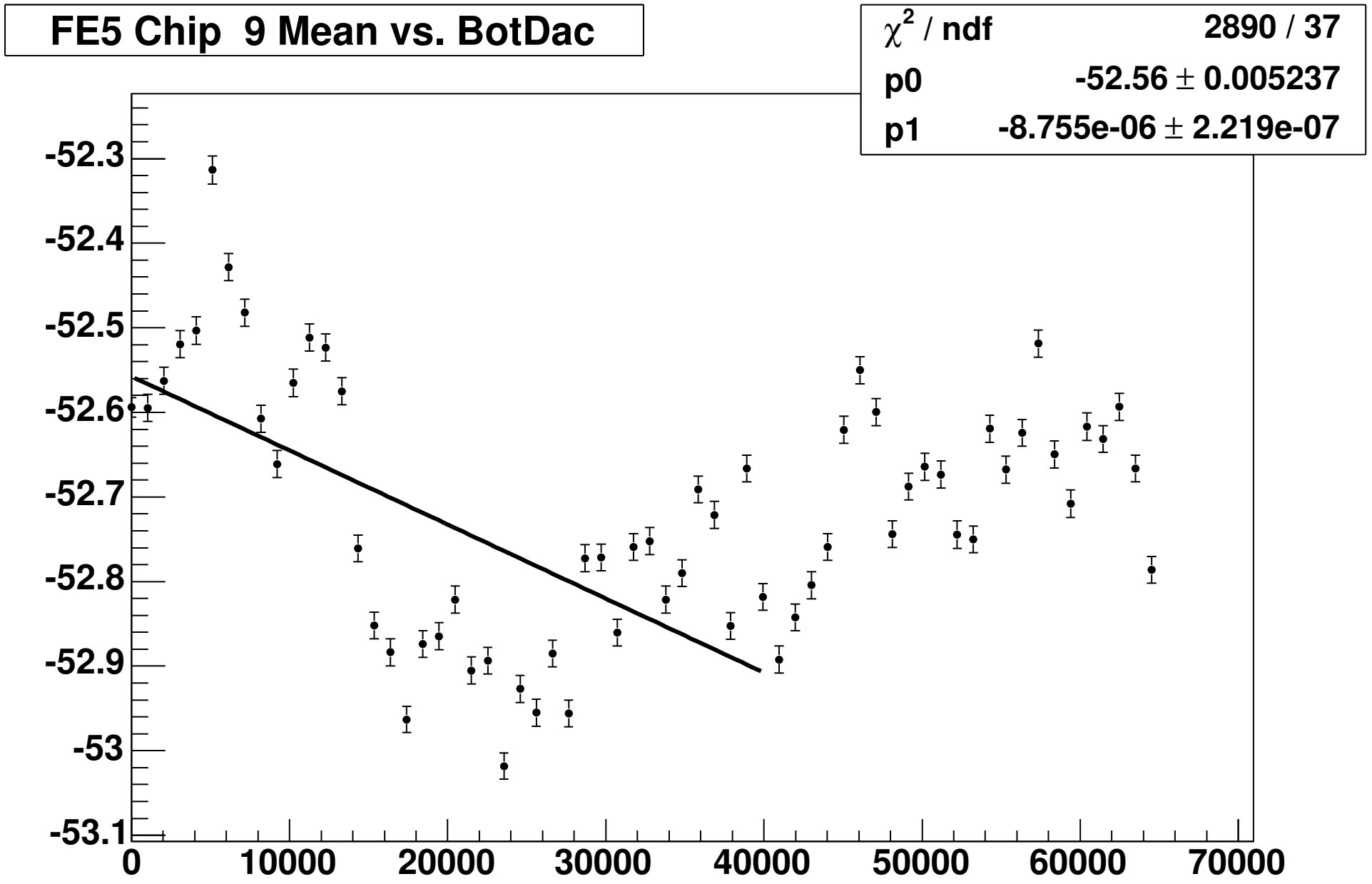
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 8 Rms vs. TopDac
χ² / ndf 1131 / 37
p0 1.362 ± 0.002802
p1 3.415e-05 ± 2.039e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 9 Mean vs. BotDac
χ² / ndf 2890 / 37
p0 -52.56 ± 0.005237
p1 -8.755e-06 ± 2.219e-07
-52.3
-52.4
-52.5
-52.6
-52.7
-52.8
-52.9
-53
-53.1
0
10000
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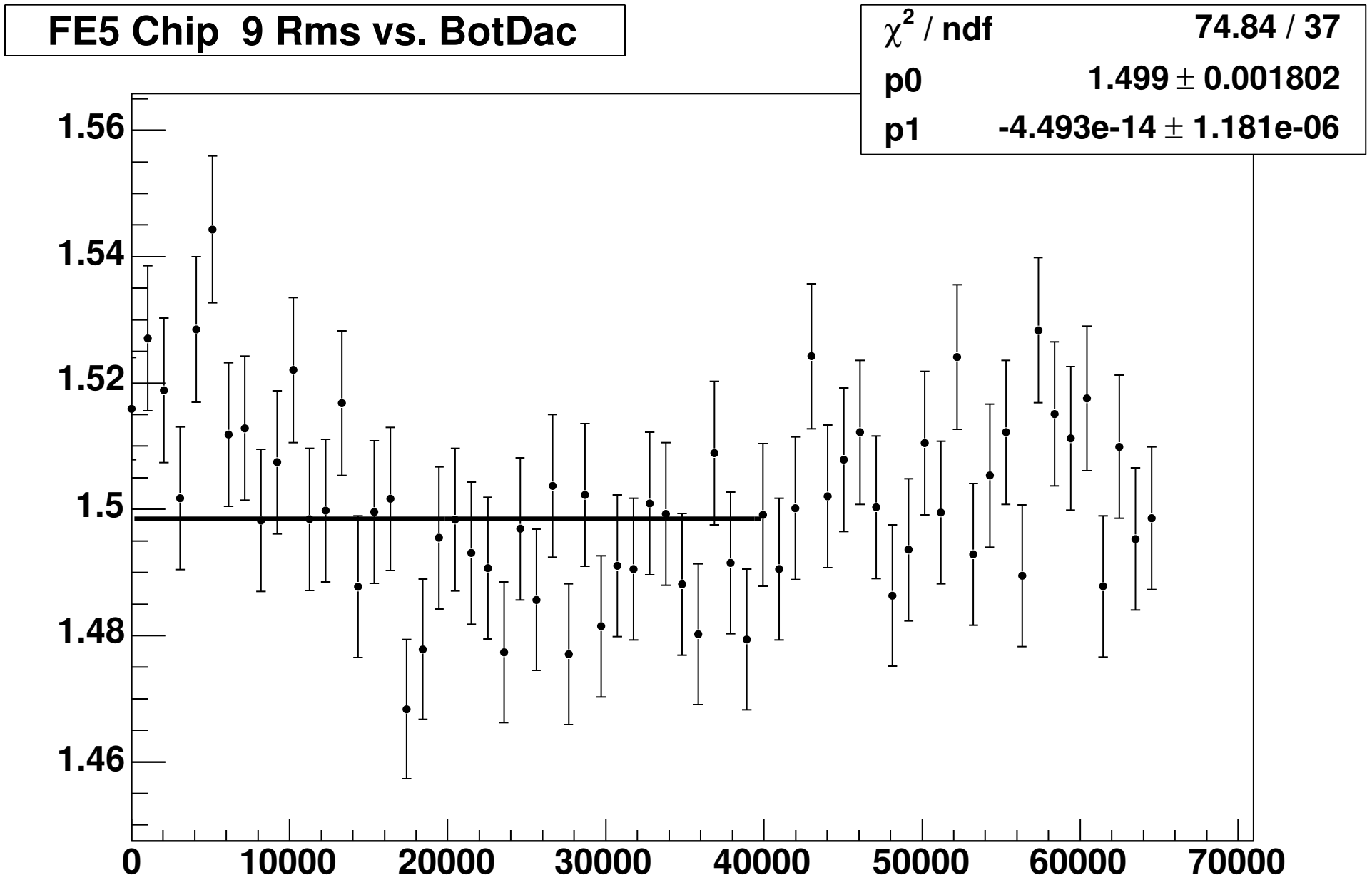
FE5 Chip 9 Rms vs. BotDac
χ² / ndf 74.84 / 37
p0 1.499 ± 0.001802
p1 -4.493e-14 ± 1.181e-06
1.56
1.54
1.52
1.5
1.48
1.46
0
10000
20000
30000
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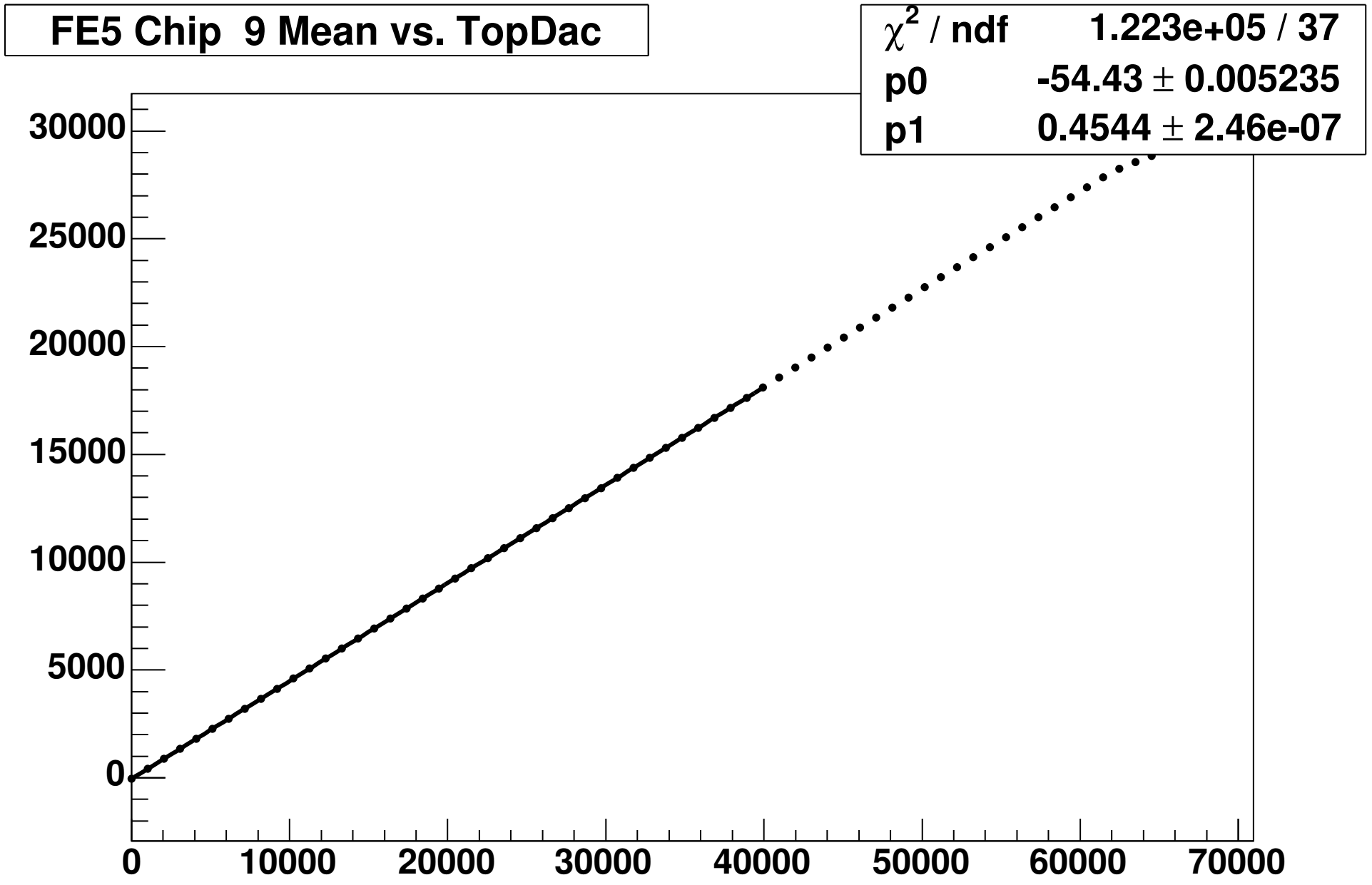
50000
60000
70000


FE5 Chip 9 Mean vs. TopDac
χ² / ndf 1.223e+05 / 37
p0 -54.43 ± 0.005235
p1 0.4544 ± 2.46e-07
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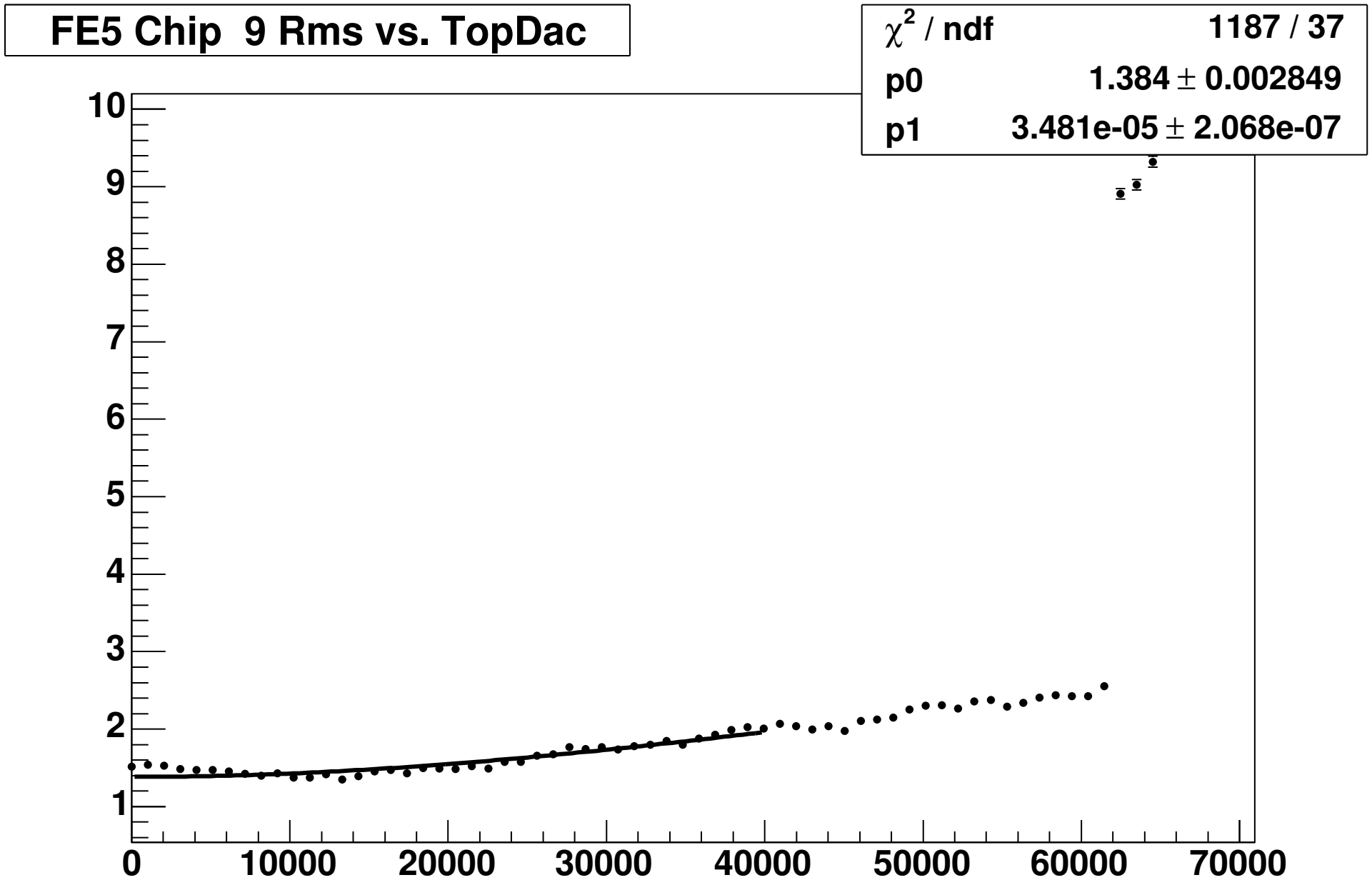
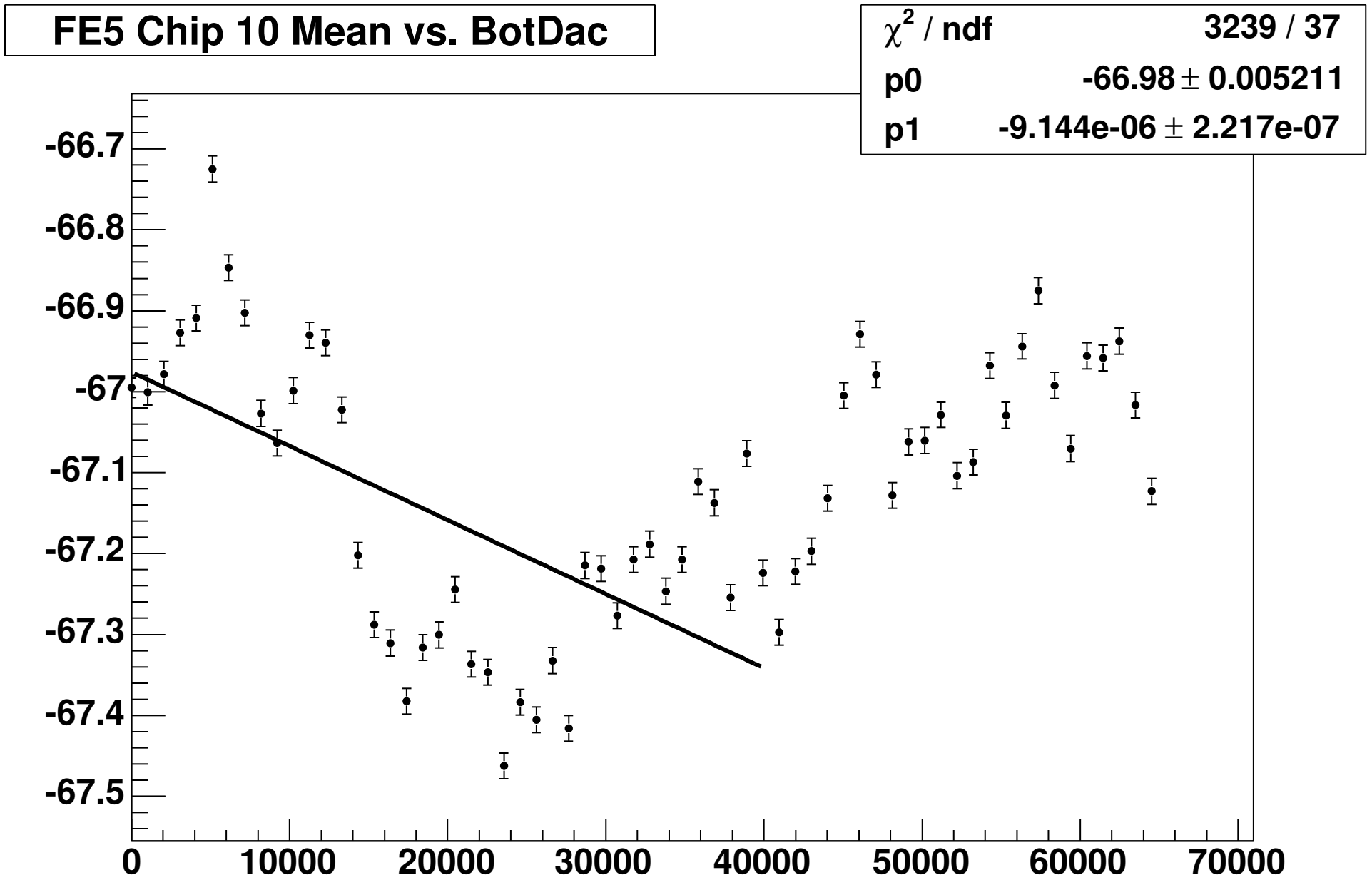
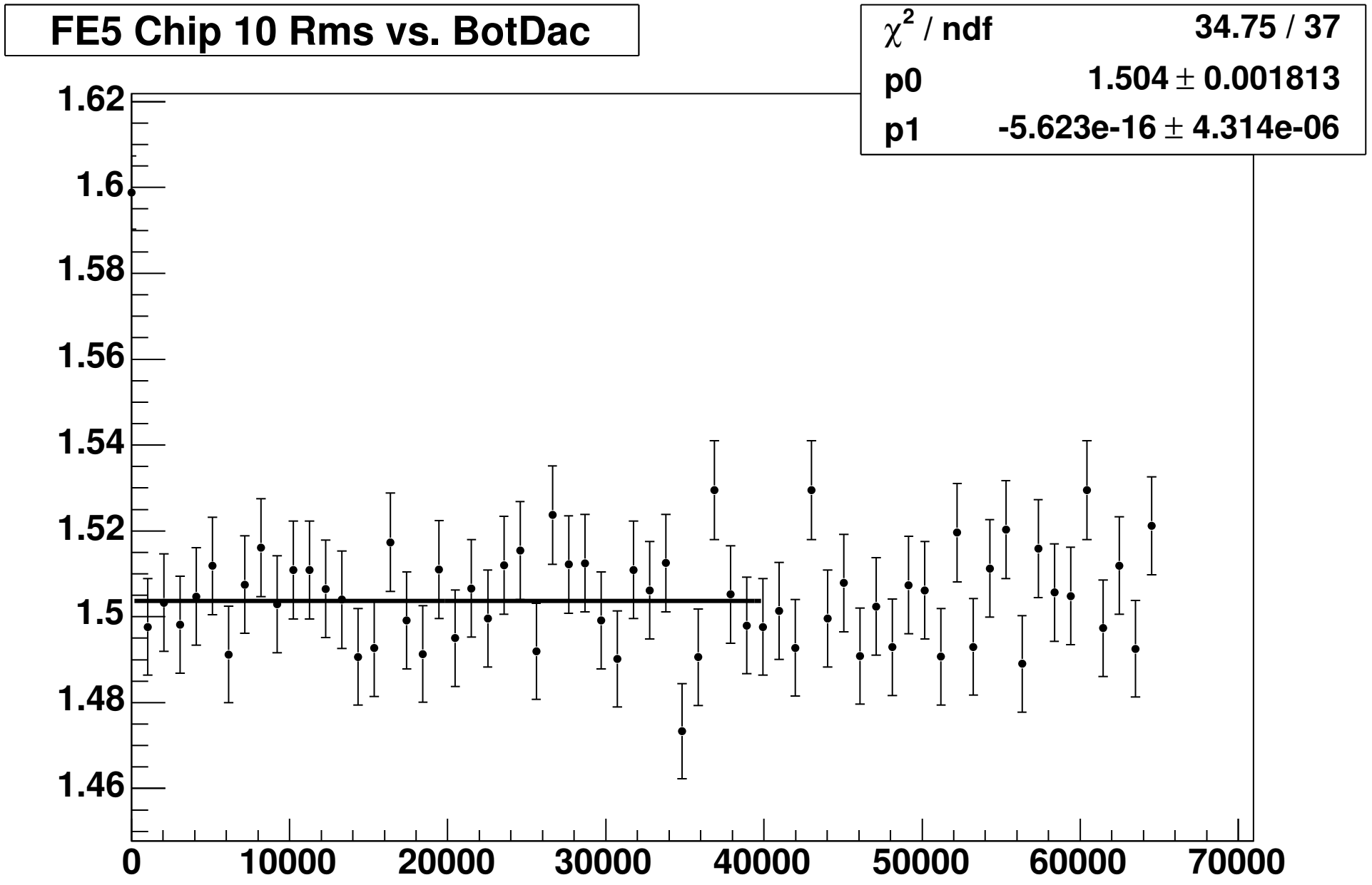
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 9 Rms vs. TopDac
χ² / ndf 1187 / 37
p0 1.384 ± 0.002849
p1 3.481e-05 ± 2.068e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 10 Mean vs. BotDac
χ² / ndf 3239 / 37
p0 -66.98 ± 0.005211
p1 -9.144e-06 ± 2.217e-07
-66.7
-66.8
-66.9
-67
-67.1
-67.2
-67.3
-67.4
-67.5
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 10 Rms vs. BotDac
χ² / ndf 34.75 / 37
p0 1.504 ± 0.001813
p1 -5.623e-16 ± 4.314e-06
1.62
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
0
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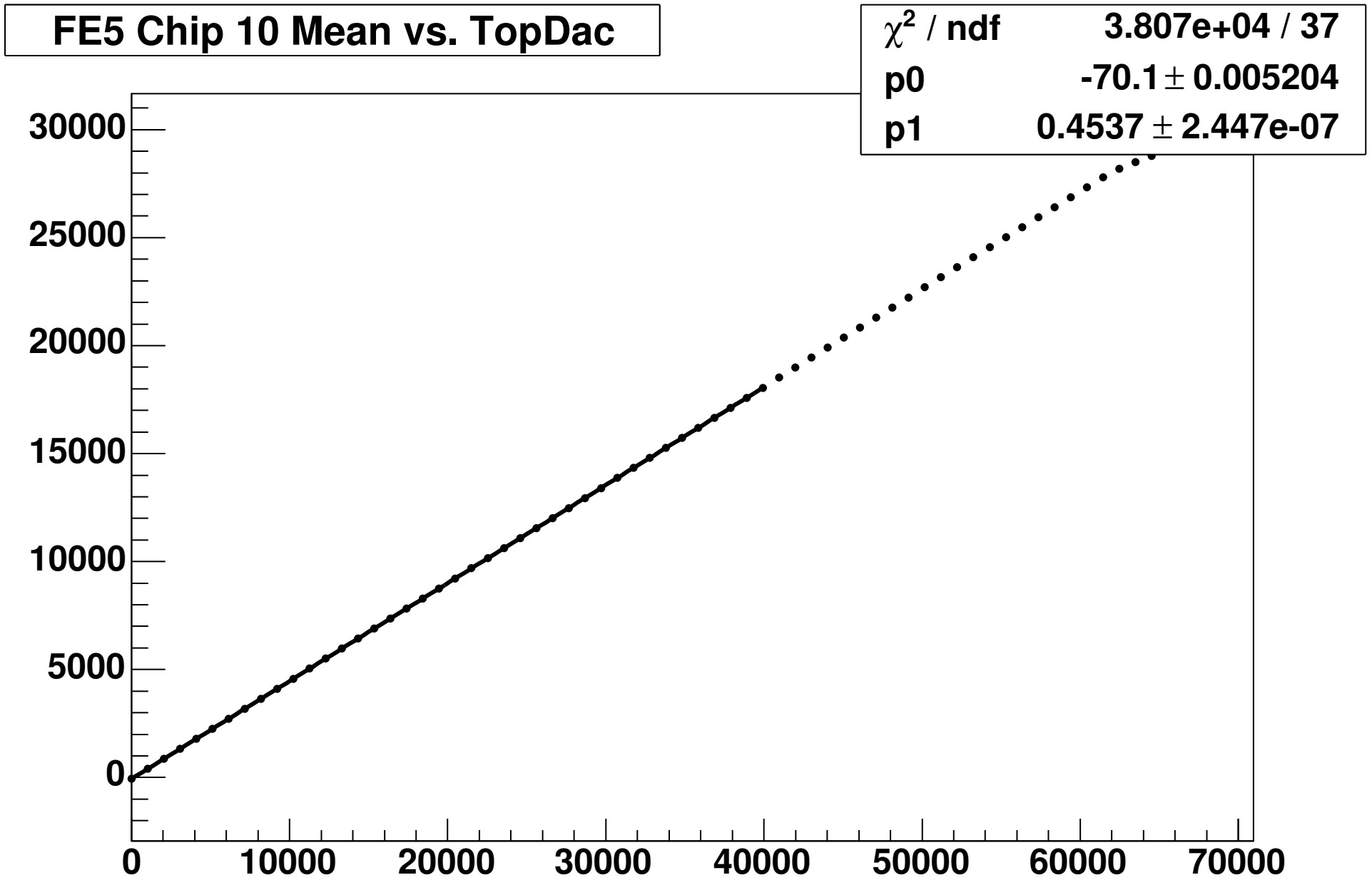
FE5 Chip 10 Mean vs. TopDac
χ² / ndf 3.807e+04 / 37
p0 -70.1 ± 0.005204
p1 0.4537 ± 2.447e-07
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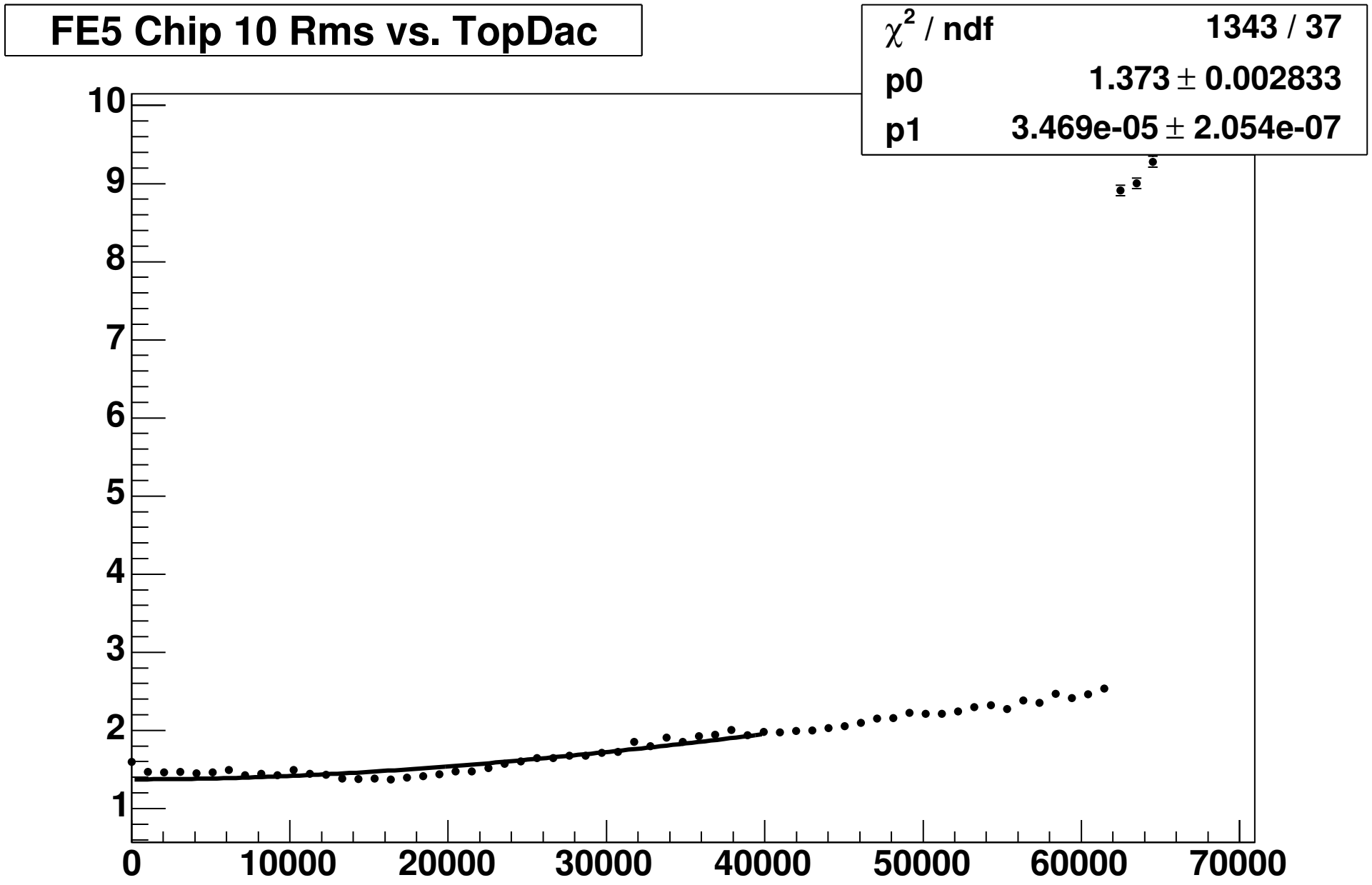
FE5 Chip 10 Rms vs. TopDac
χ² / ndf 1343 / 37
p0 1.373 ± 0.002833
p1 3.469e-05 ± 2.054e-07
10
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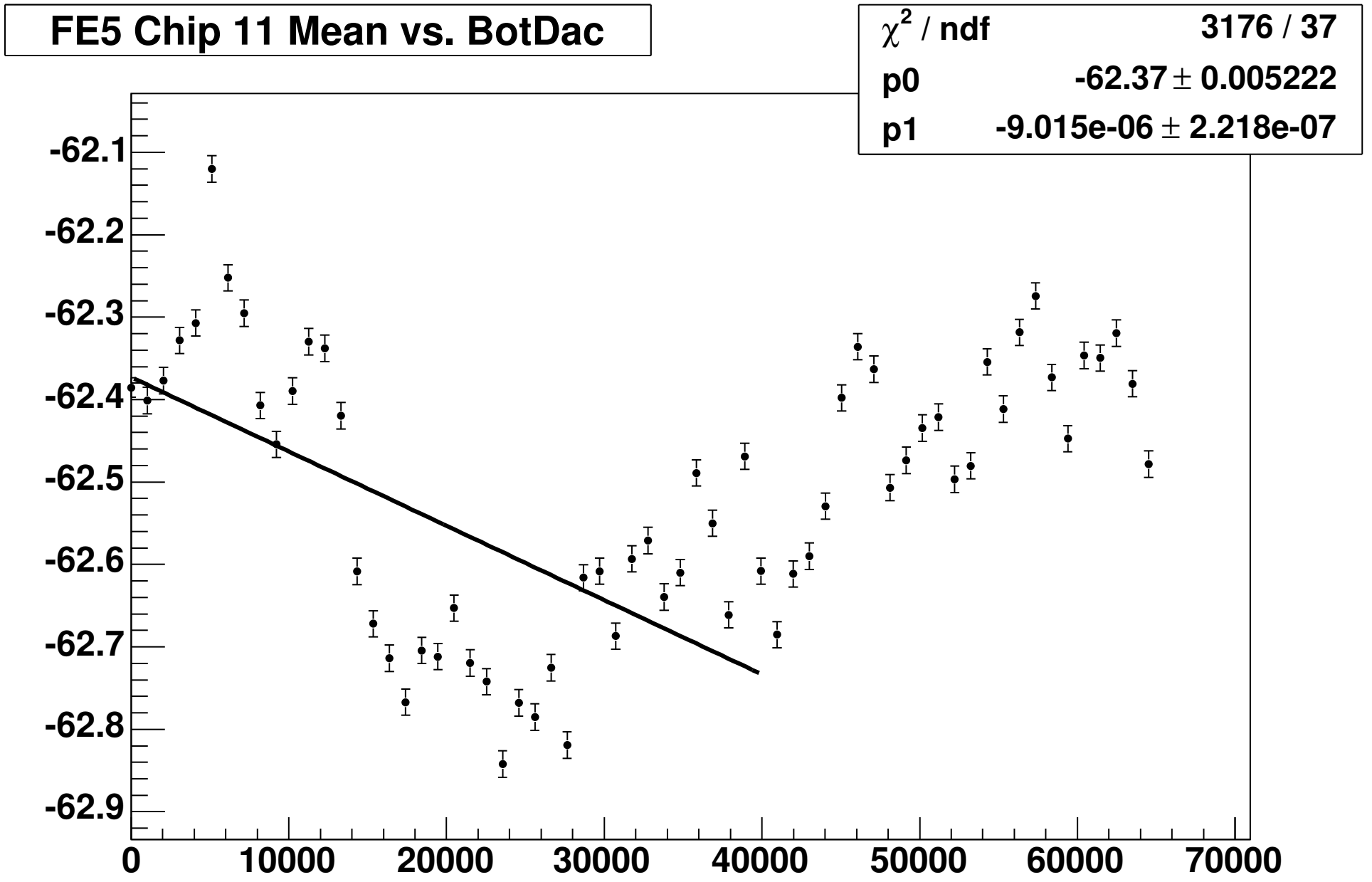
FE5 Chip 11 Mean vs. BotDac
χ² / ndf 3176 / 37
p0 -62.37 ± 0.005222
p1 -9.015e-06 ± 2.218e-07
-62.1
-62.2
-62.3
-62.4
-62.5
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-62.7
-62.8
-62.9
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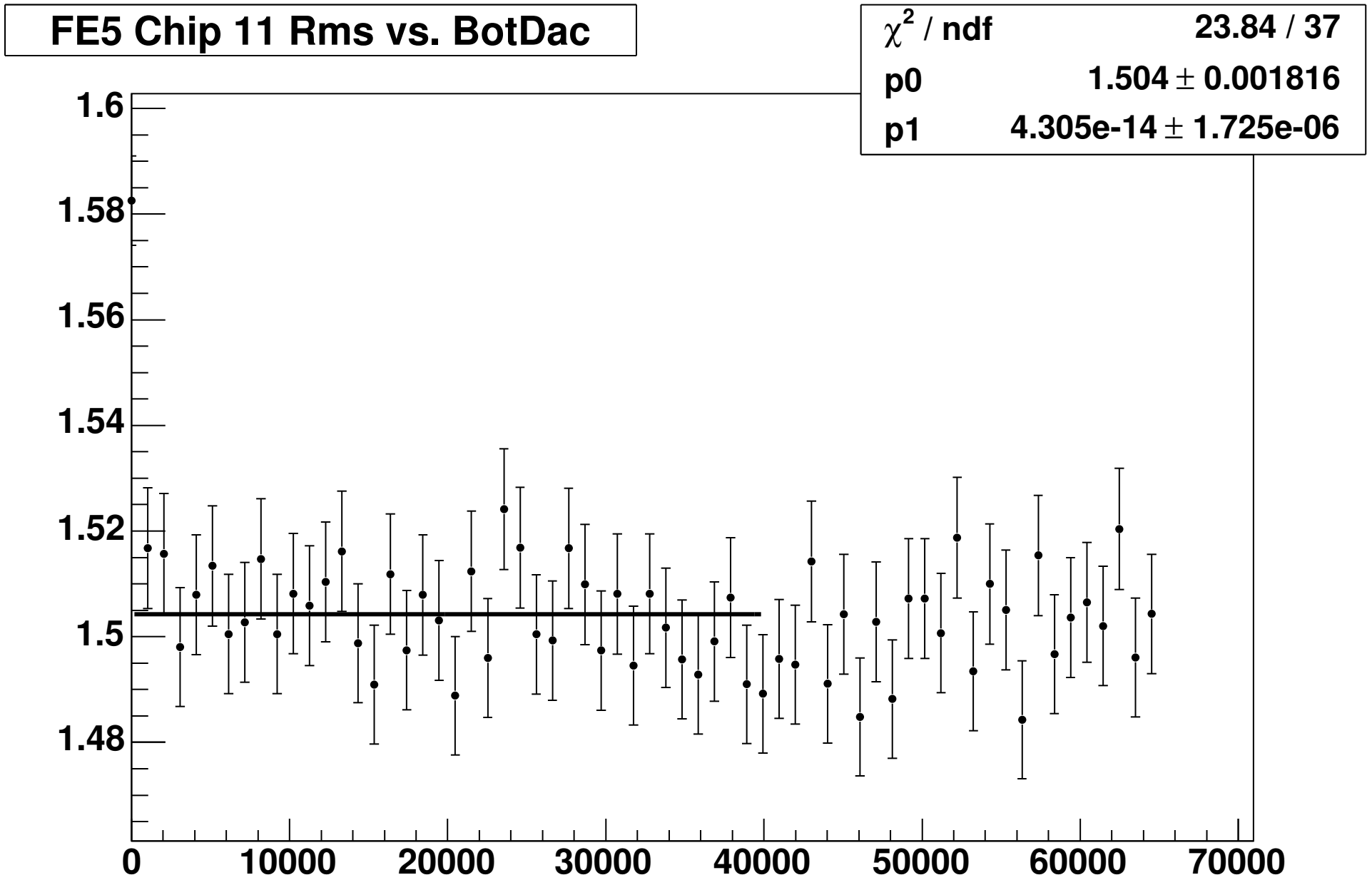
FE5 Chip 11 Rms vs. BotDac
χ² / ndf 23.84 / 37
p0 1.504 ± 0.001816
p1 4.305e-14 ± 1.725e-06
1.6
1.58
1.56
1.54
1.52
1.5
1.48
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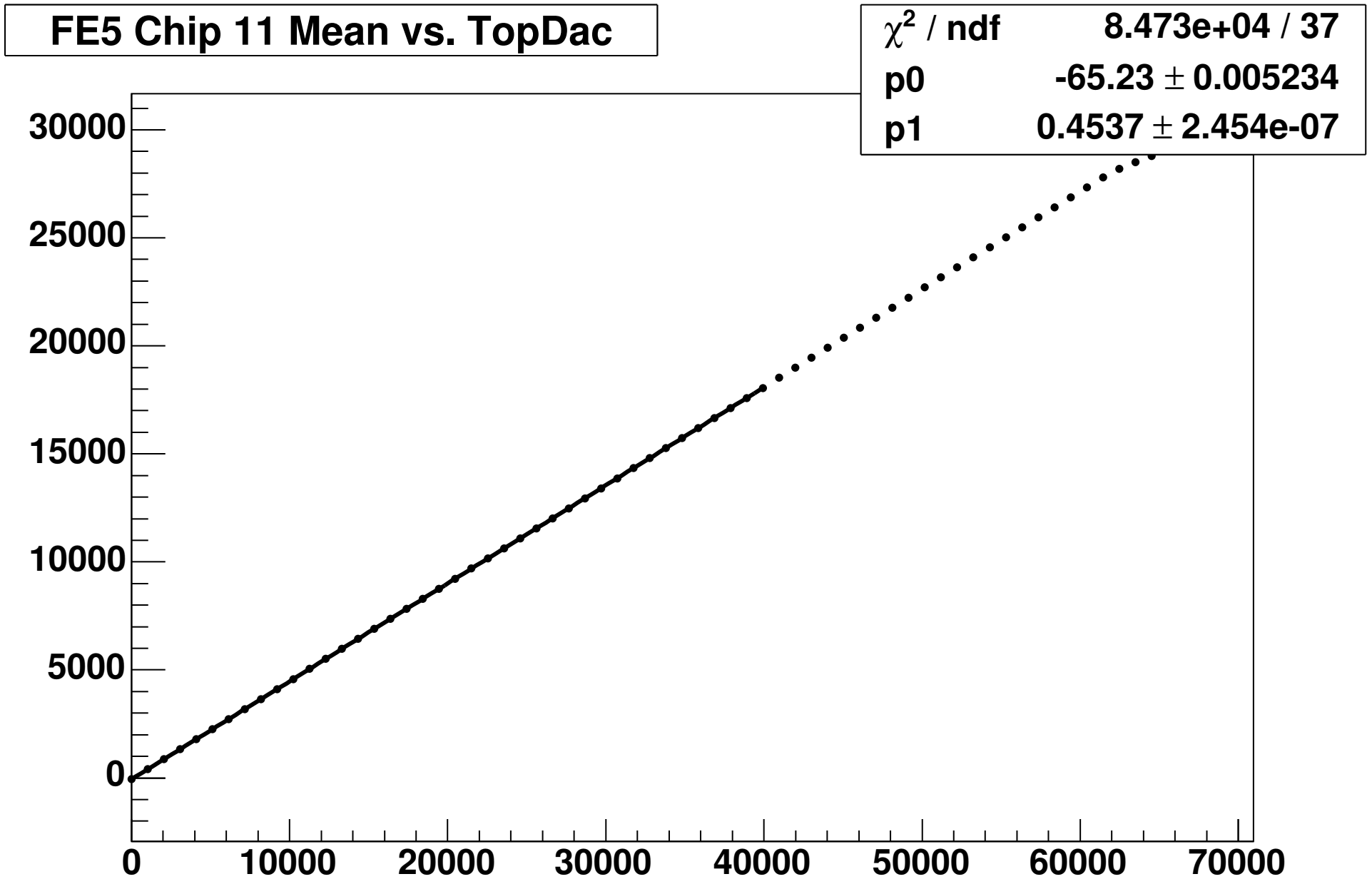
FE5 Chip 11 Mean vs. TopDac
χ² / ndf 8.473e+04 / 37
p0 -65.23 ± 0.005234
p1 0.4537 ± 2.454e-07
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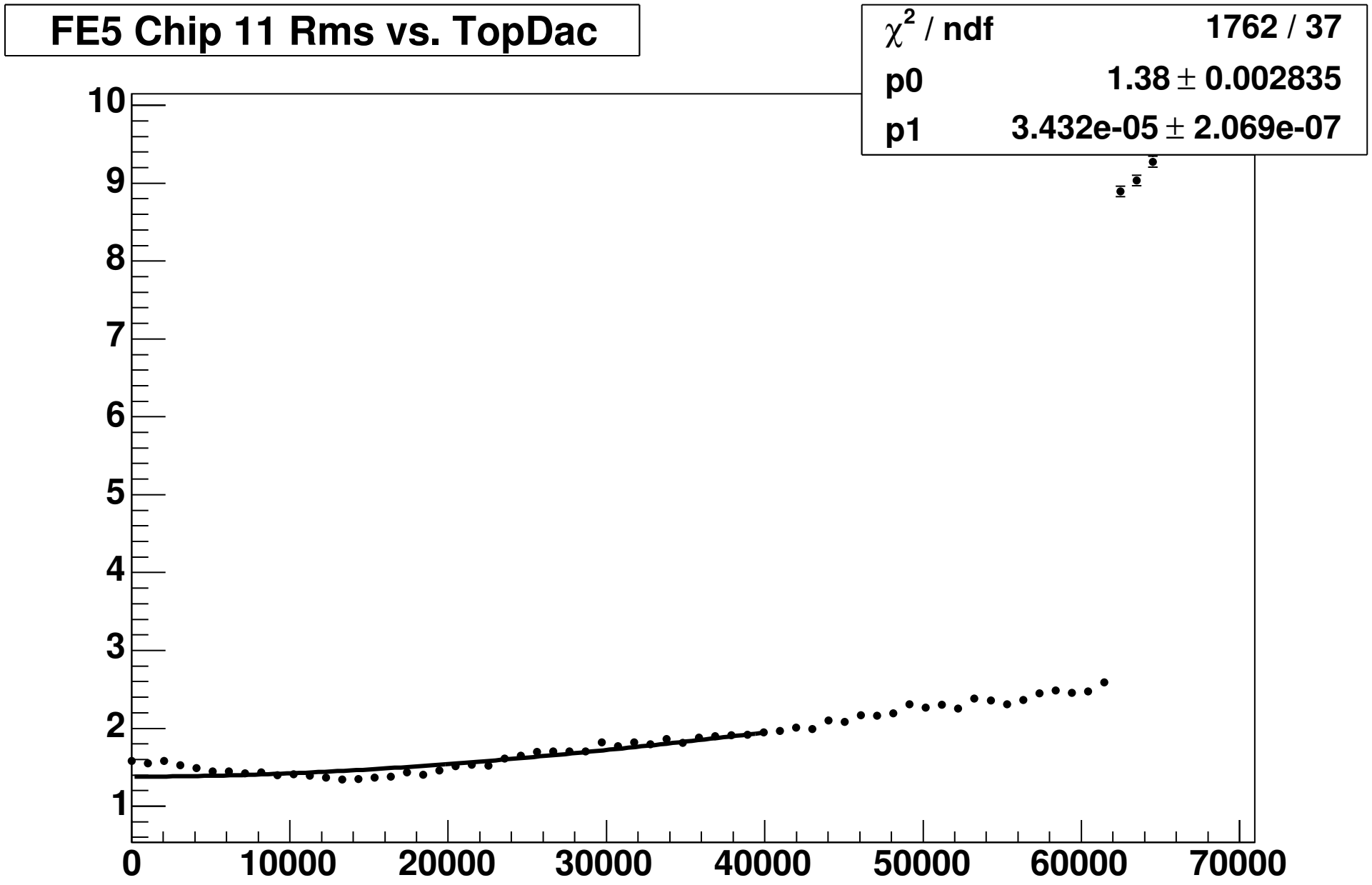
FE5 Chip 11 Rms vs. TopDac
χ² / ndf 1762 / 37
p0 1.38 ± 0.002835
p1 3.432e-05 ± 2.069e-07
10
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8
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6
5
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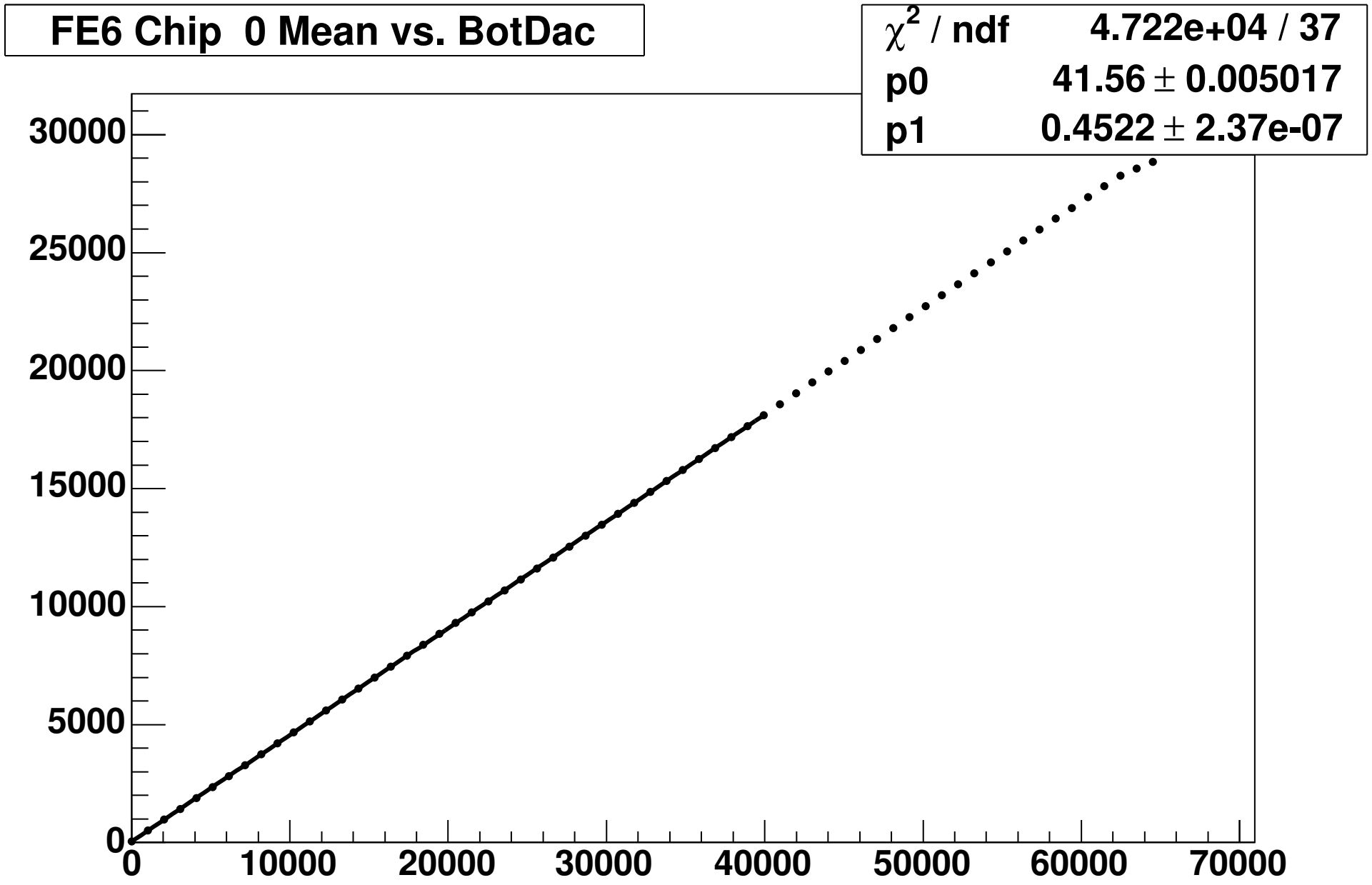
FE6 Chip 0 Mean vs. BotDac
χ^2 / ndf 4.722e+04 / 37
p0 41.56 ± 0.005017
p1 0.4522 ± 2.37e-07
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15000
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5000
0
0
10000
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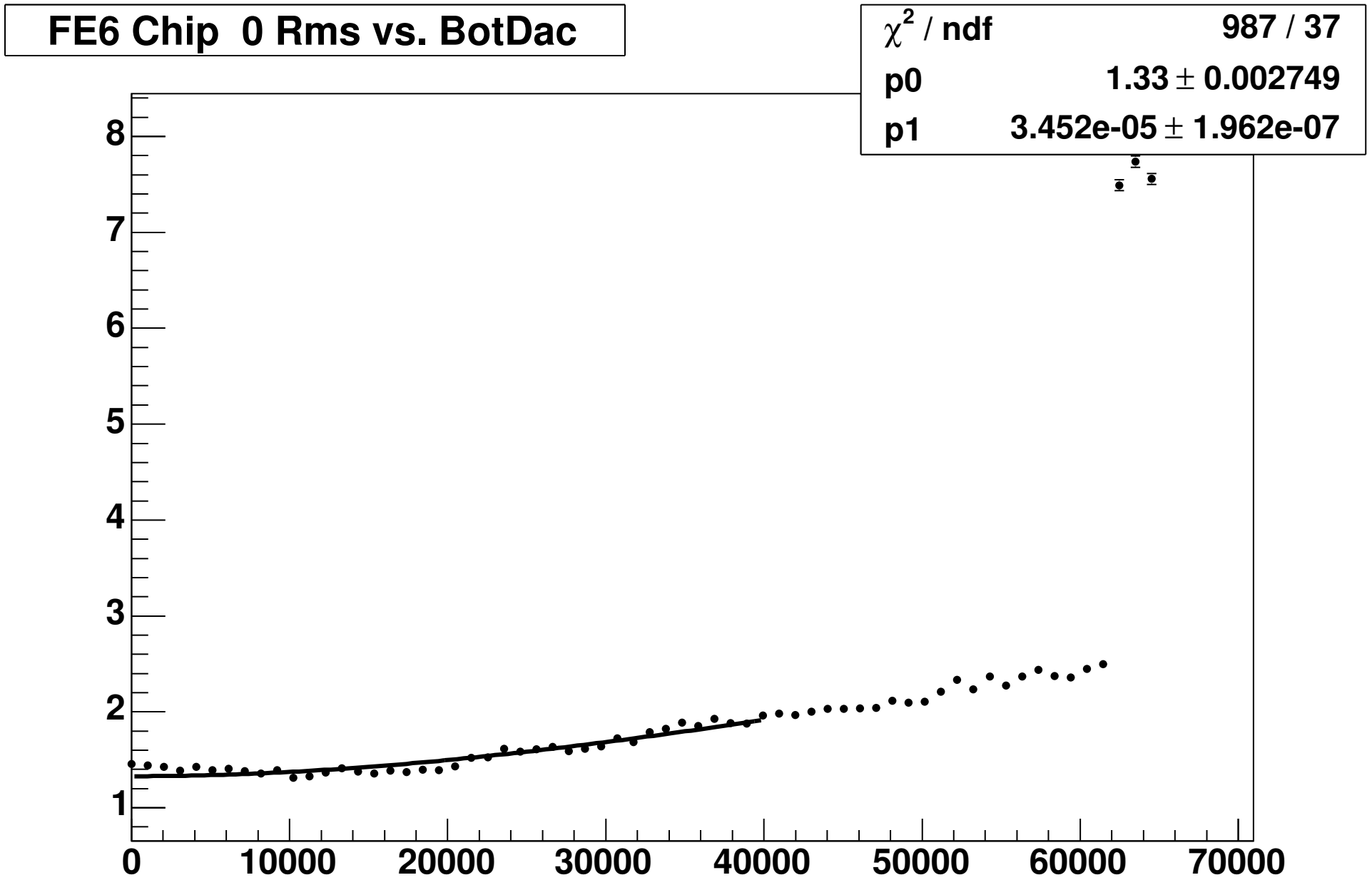
FE6 Chip 0 Rms vs. BotDac
χ^2 / ndf 987 / 37
p0 1.33 ± 0.002749
p1 3.452e-05 ± 1.962e-07
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6
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4
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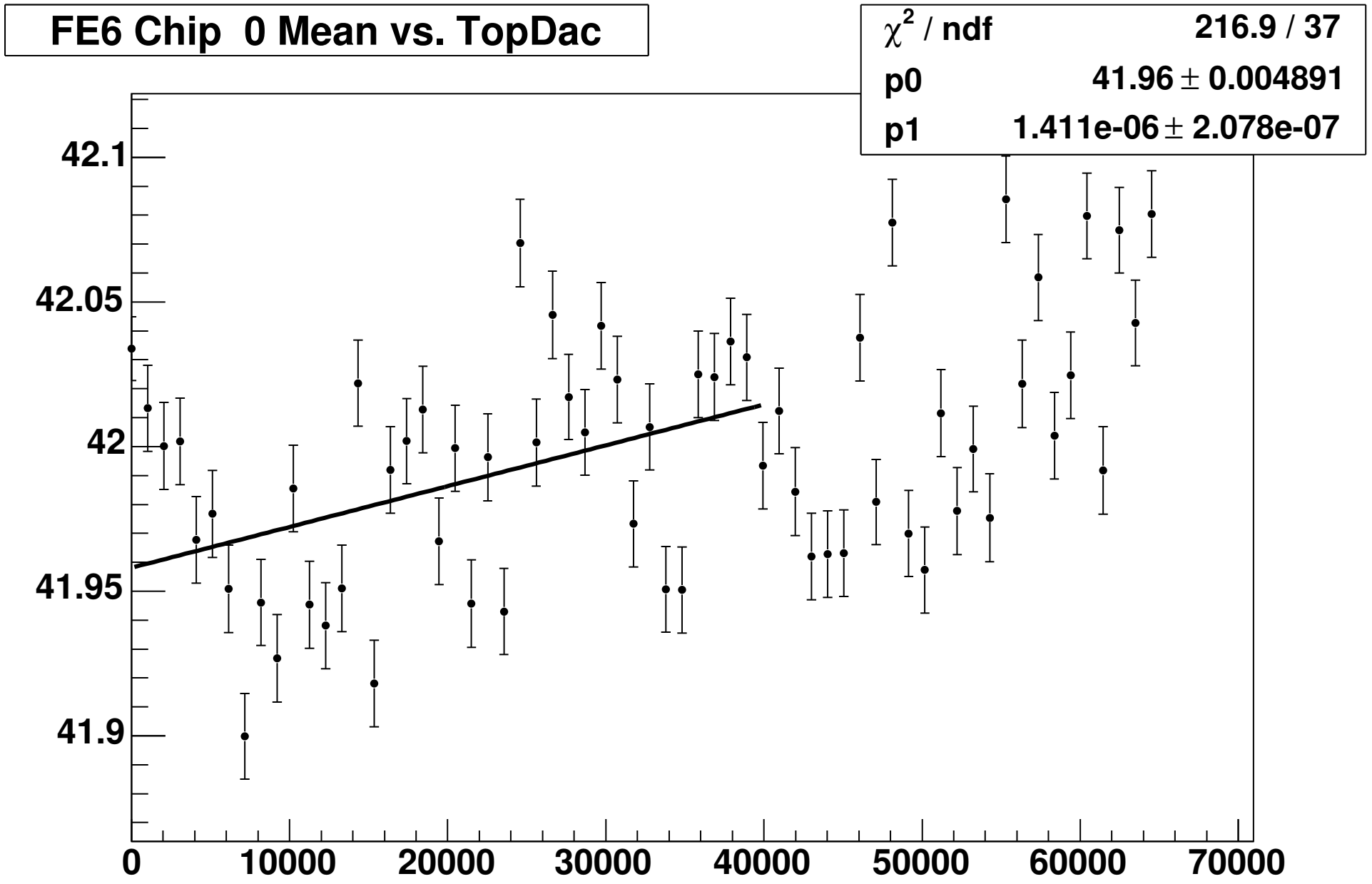
FE6 Chip 0 Mean vs. TopDac
χ² / ndf 216.9 / 37
p0 41.96 ± 0.004891
p1 1.411e-06 ± 2.078e-07
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42.05
42
41.95
41.9
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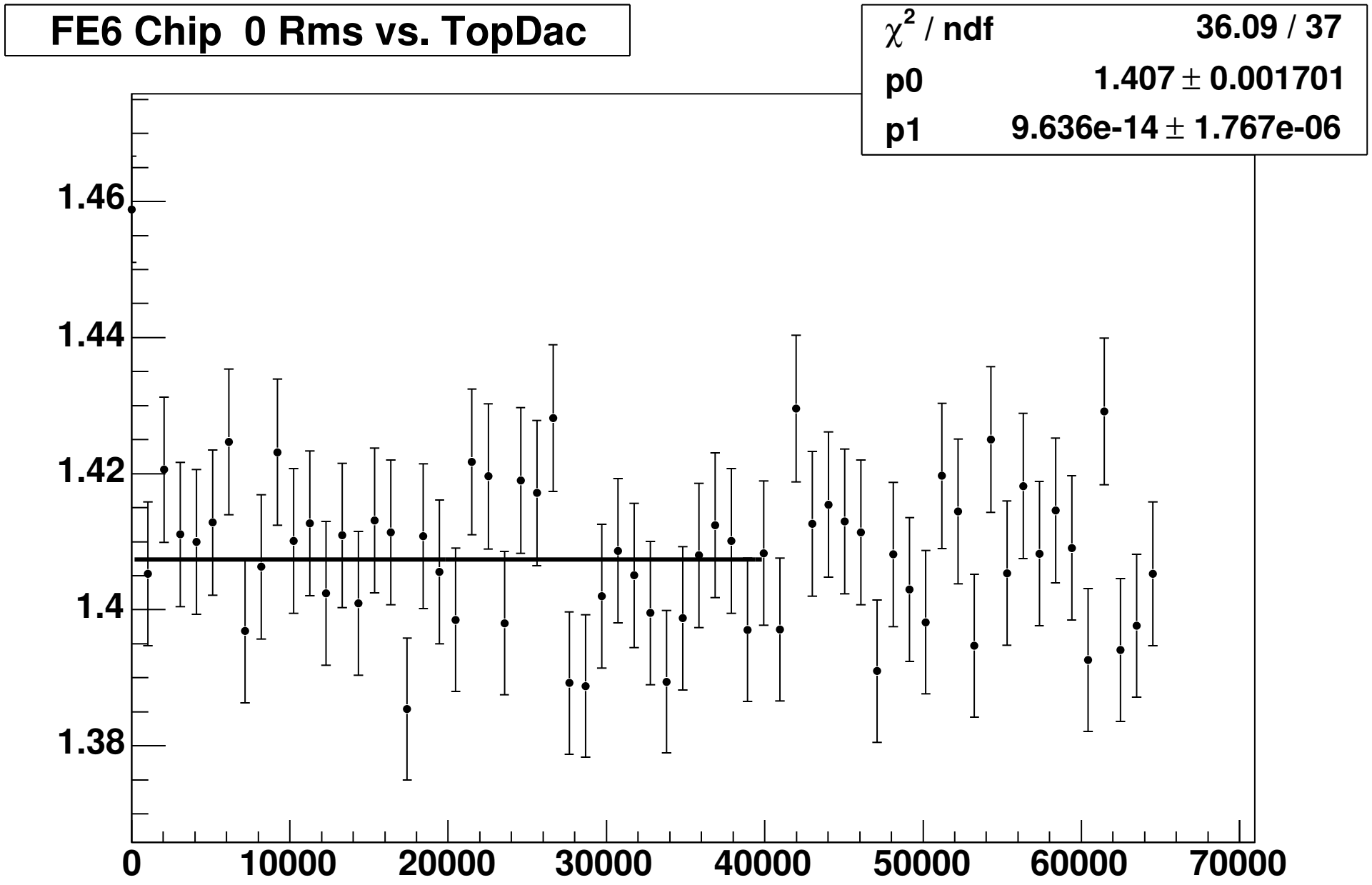
FE6 Chip 0 Rms vs. TopDac
χ² / ndf 36.09 / 37
p0 1.407 ± 0.001701
p1 9.636e-14 ± 1.767e-06
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1.44
1.42
1.4
1.38
0
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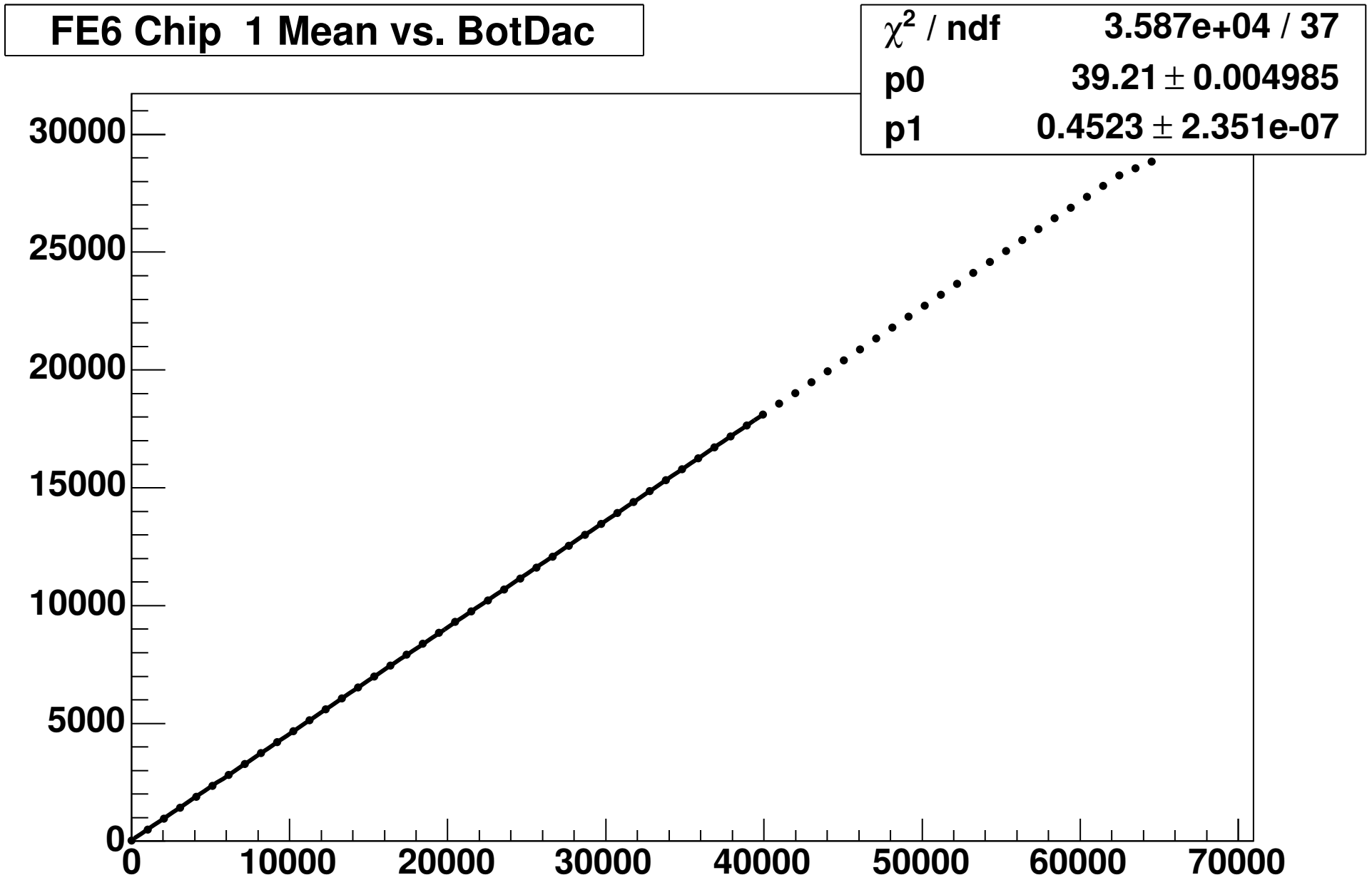
FE6 Chip 1 Mean vs. BotDac
χ² / ndf 3.587e+04 / 37
p0 39.21 ± 0.004985
p1 0.4523 ± 2.351e-07
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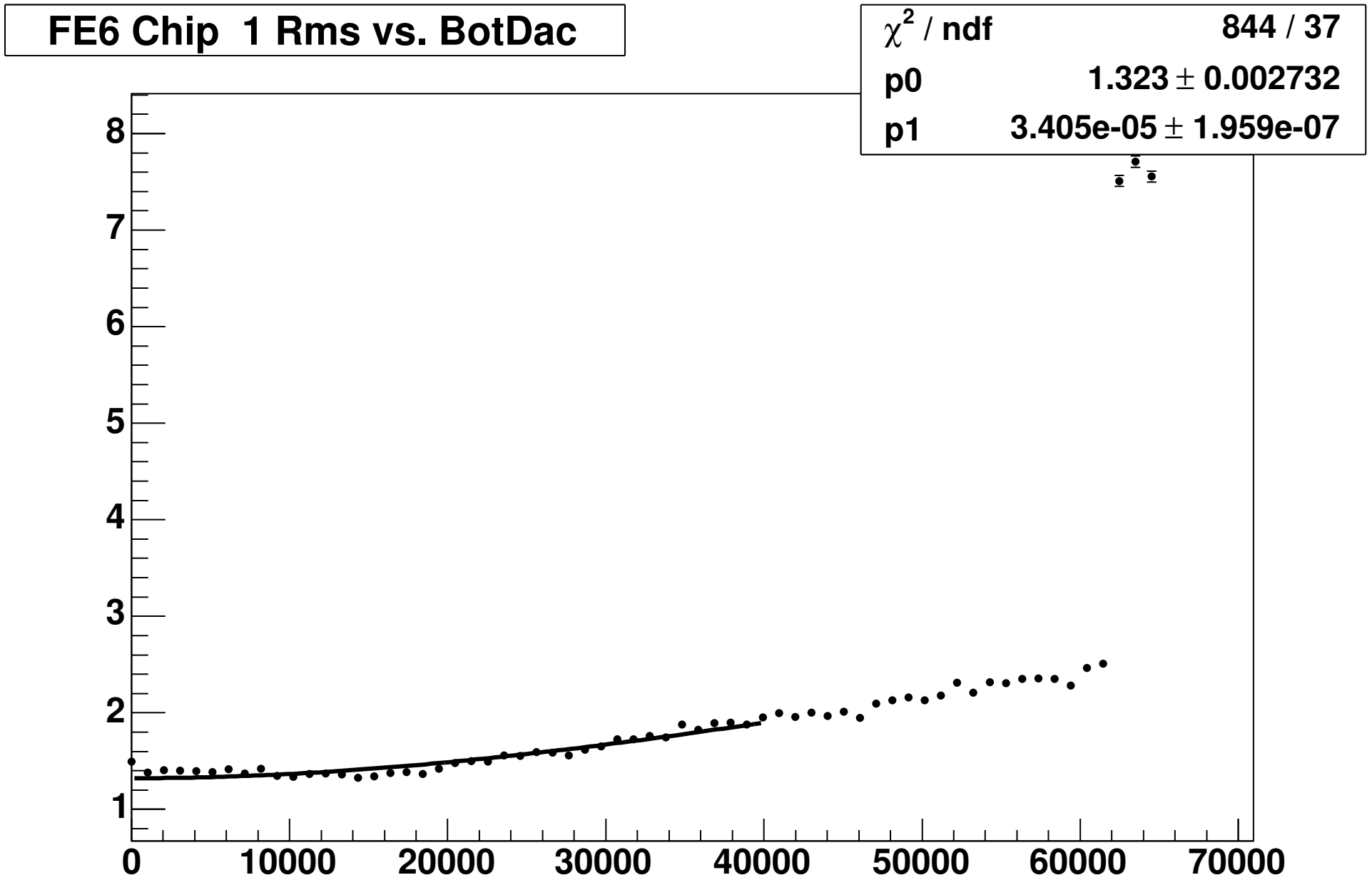
FE6 Chip 1 Rms vs. BotDac
χ² / ndf 844 / 37
p0 1.323 ± 0.002732
p1 3.405e-05 ± 1.959e-07
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6
5
4
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0
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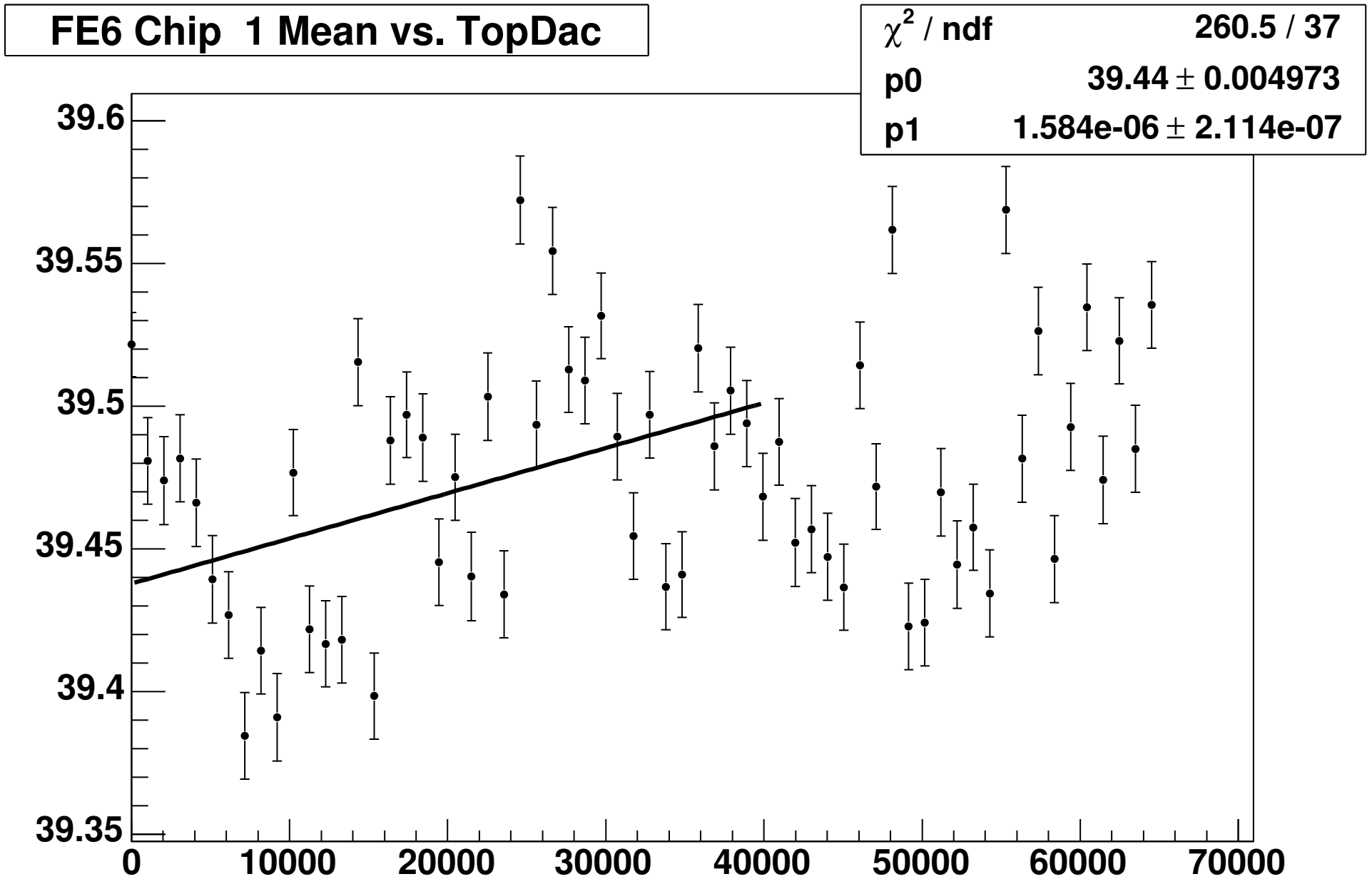
FE6 Chip 1 Mean vs. TopDac
χ² / ndf 260.5 / 37
p0 39.44 ± 0.004973
p1 1.584e-06 ± 2.114e-07
39.6
39.55
39.5
39.45
39.4
39.35
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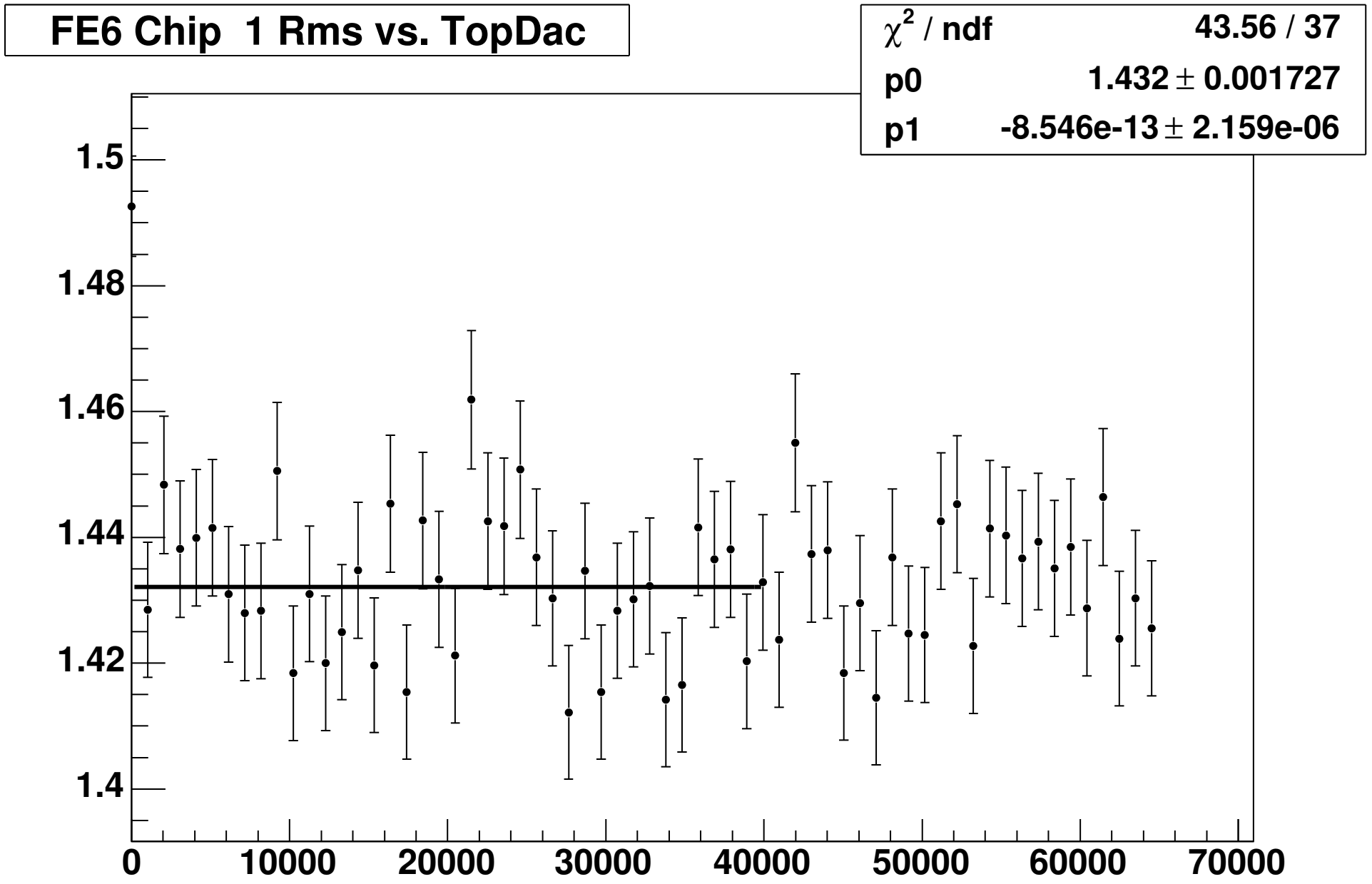
FE6 Chip 1 Rms vs. TopDac
χ² / ndf 43.56 / 37
p0 1.432 ± 0.001727
p1 -8.546e-13 ± 2.159e-06
1.5
1.48
1.46
1.44
1.42
1.4
0
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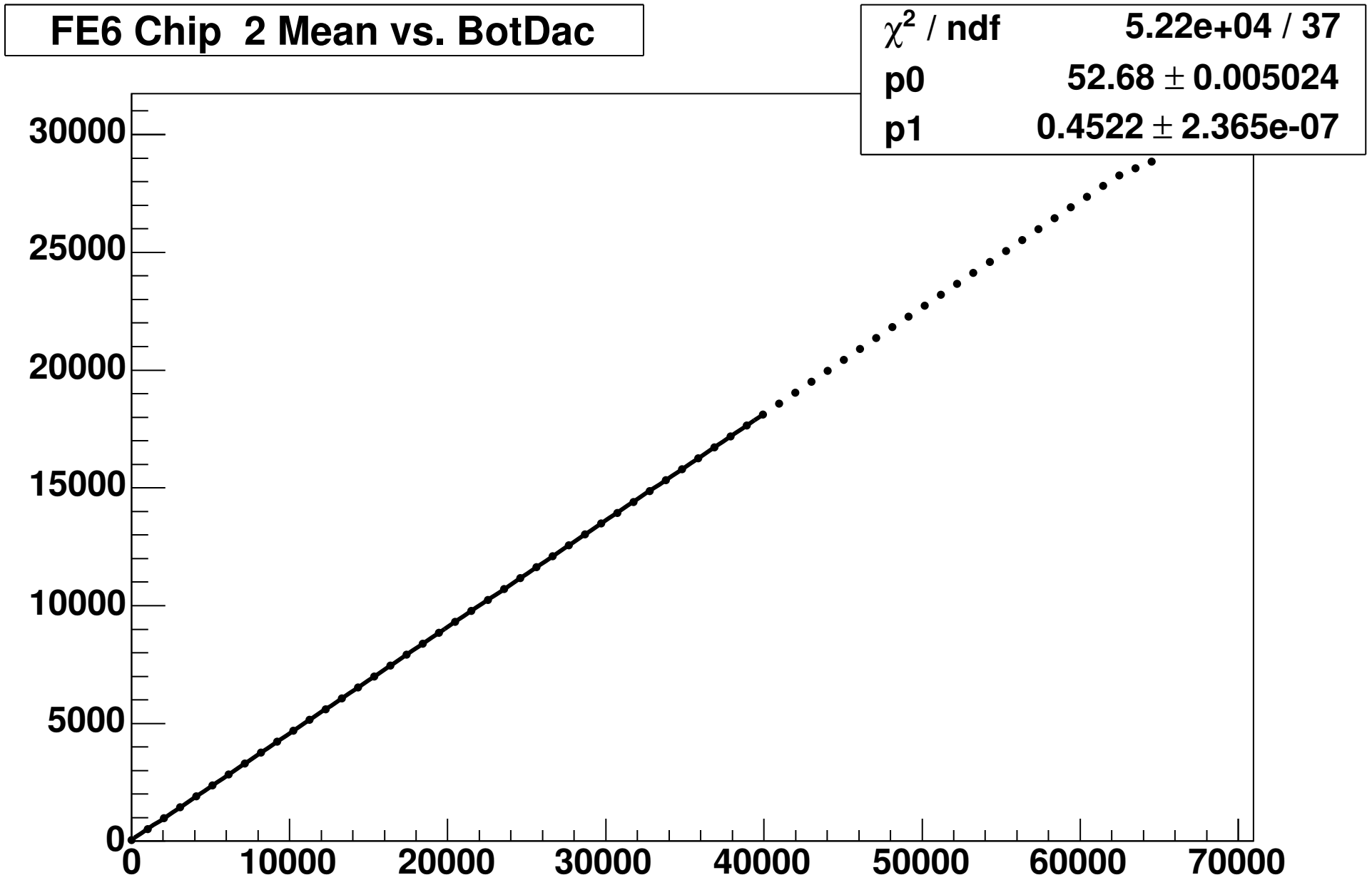
FE6 Chip 2 Mean vs. BotDac
χ² / ndf 5.22e+04 / 37
p0 52.68 ± 0.005024
p1 0.4522 ± 2.365e-07
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10000
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0
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10000
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50000
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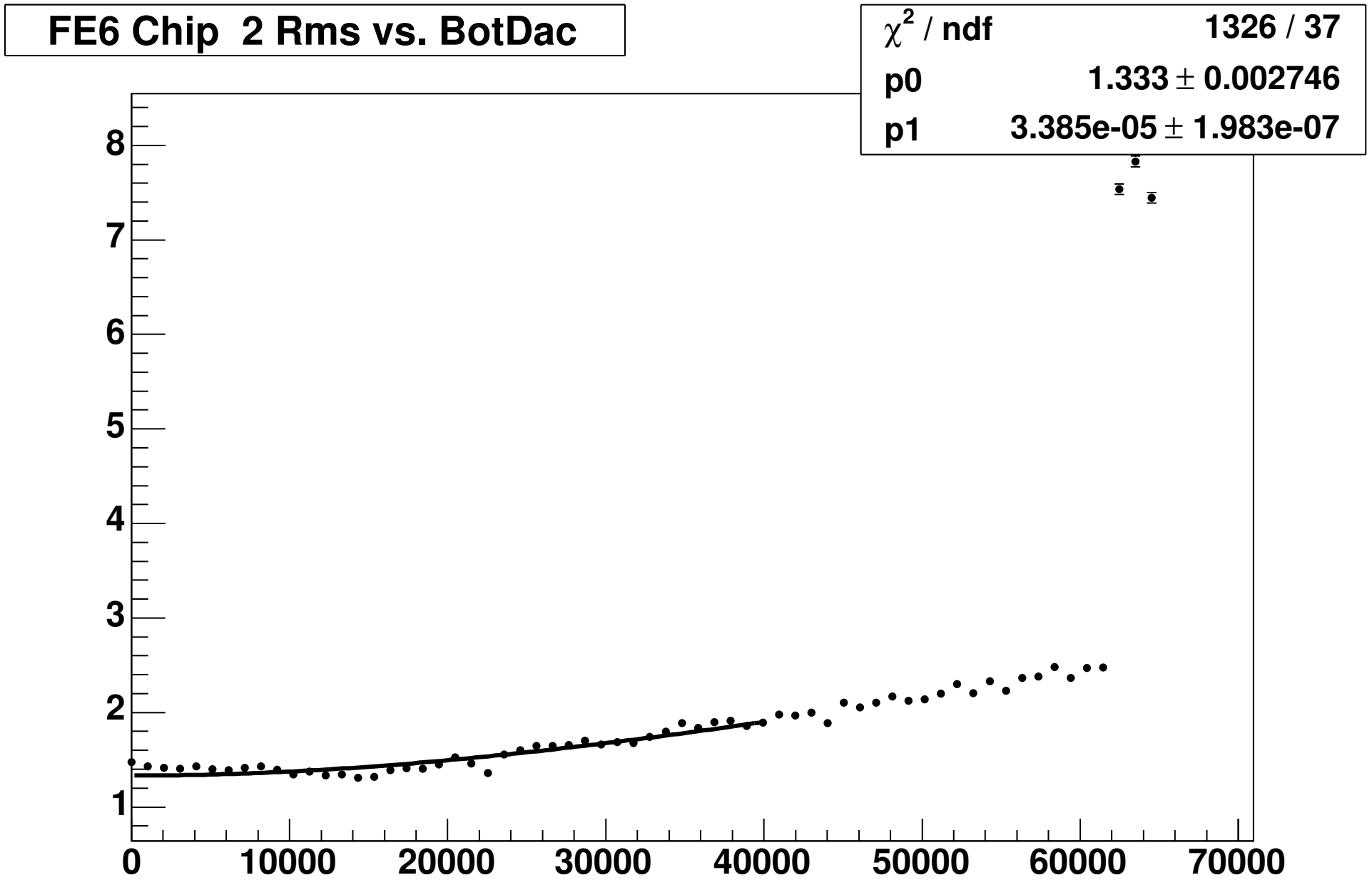
FE6 Chip 2 Rms vs. BotDac
χ² / ndf 1326 / 37
p0 1.333 ± 0.002746
p1 3.385e-05 ± 1.983e-07
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7
6
5
4
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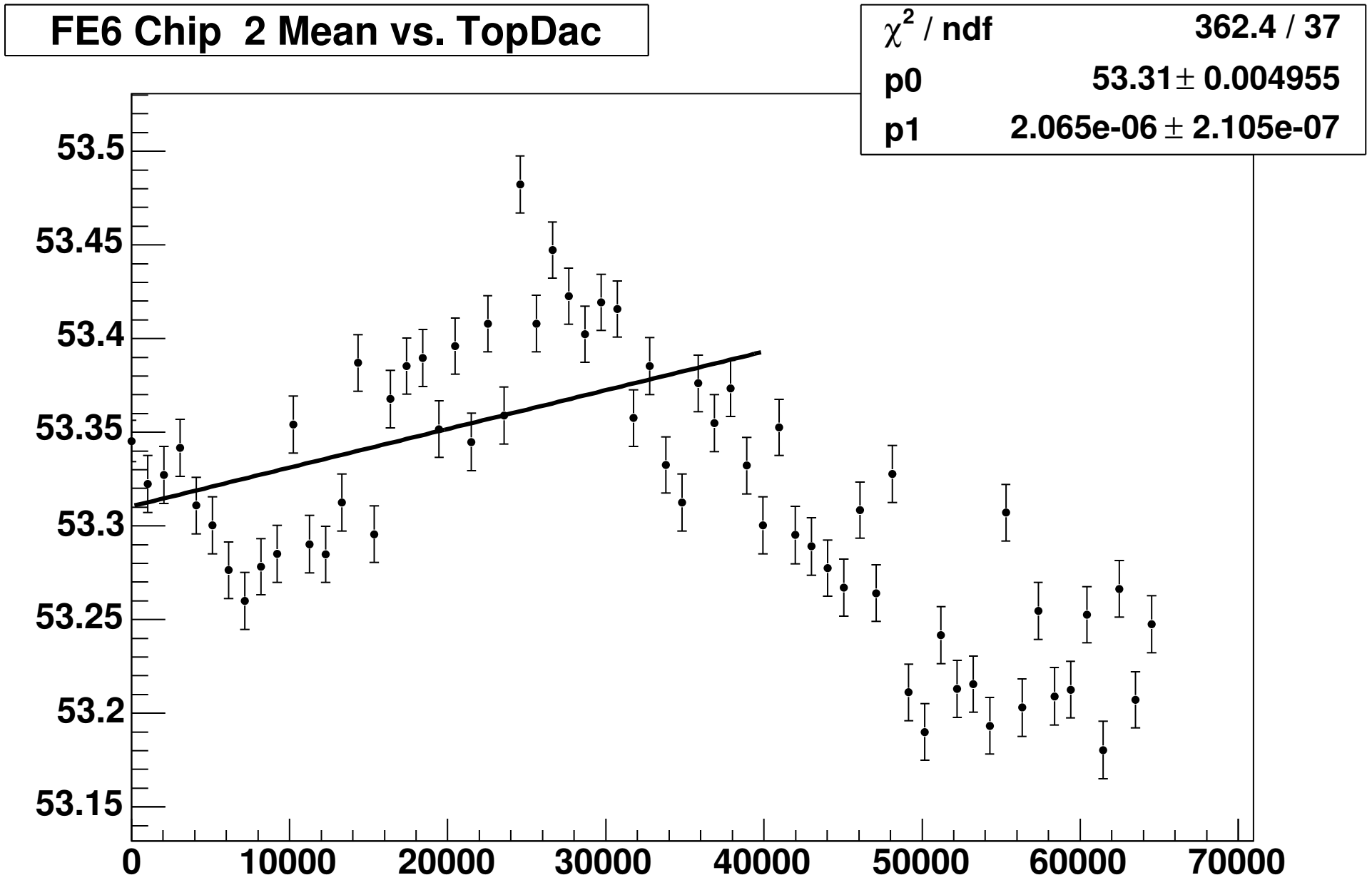
FE6 Chip 2 Mean vs. TopDac
χ² / ndf 362.4 / 37
p0 53.31 ± 0.004955
p1 2.065e-06 ± 2.105e-07
53.5
53.45
53.4
53.35
53.3
53.25
53.2
53.15
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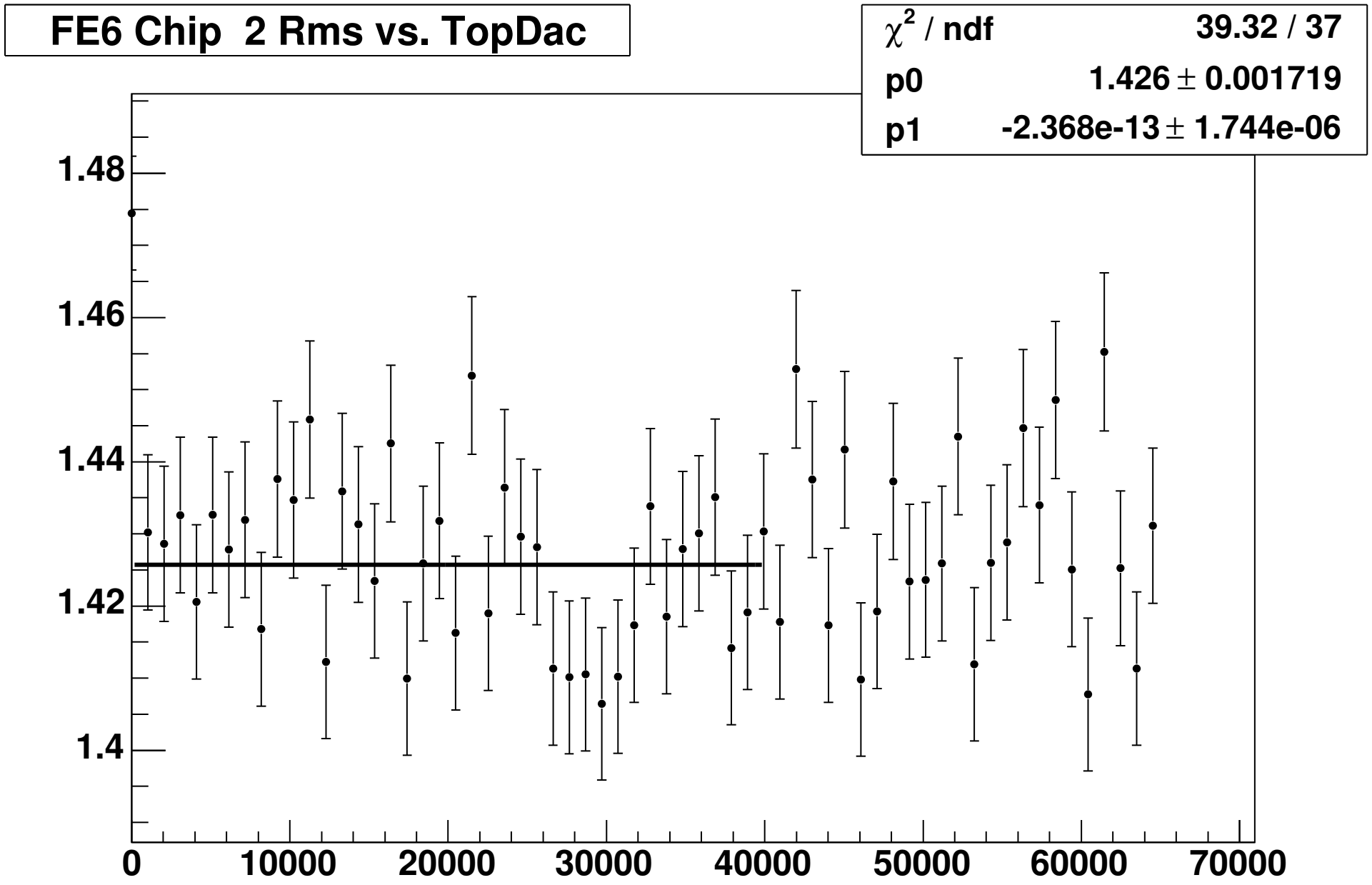
FE6 Chip 2 Rms vs. TopDac
χ² / ndf 39.32 / 37
p0 1.426 ± 0.001719
p1 -2.368e-13 ± 1.744e-06
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1.46
1.44
1.42
1.4
0
10000
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60000
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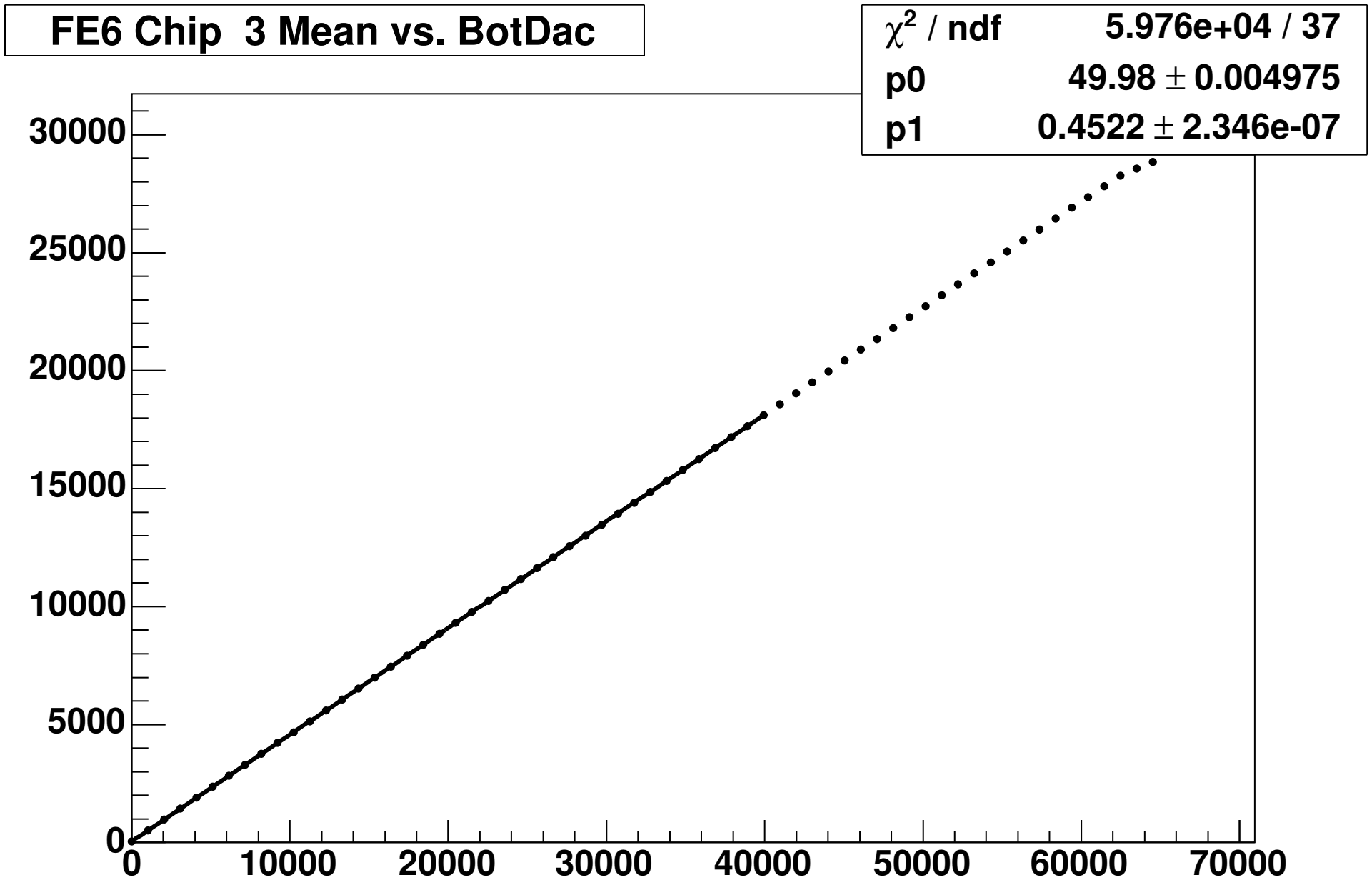
FE6 Chip 3 Mean vs. BotDac
χ² / ndf 5.976e+04 / 37
p0 49.98 ± 0.004975
p1 0.4522 ± 2.346e-07
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10000
20000
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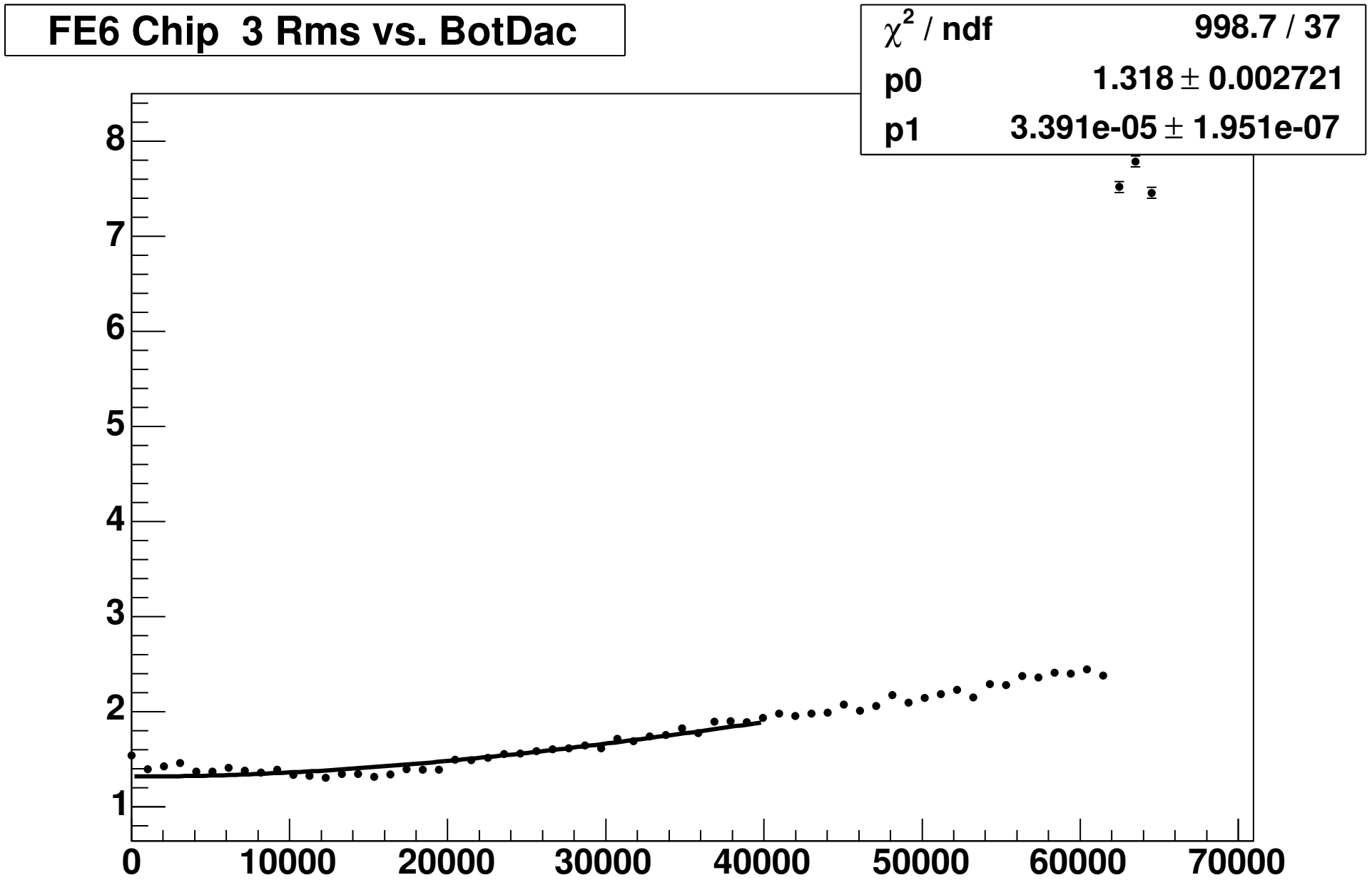
70000


FE6 Chip 3 Rms vs. BotDac
χ² / ndf 998.7 / 37
p0 1.318 ± 0.002721
p1 3.391e-05 ± 1.951e-07
8
7
6
5
4
3
2
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20000
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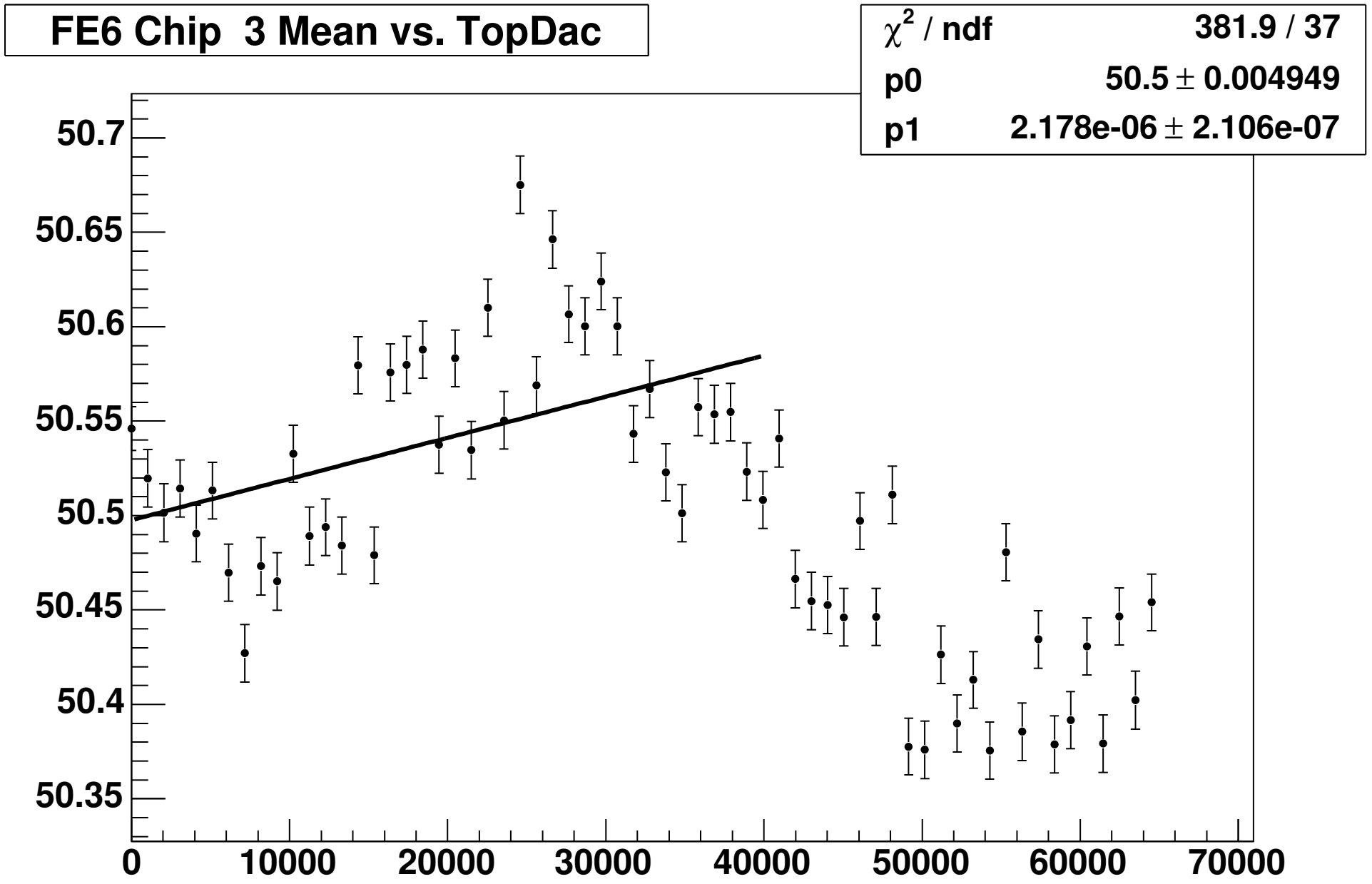
FE6 Chip 3 Mean vs. TopDac
χ² / ndf 381.9 / 37
p0 50.5 ± 0.004949
p1 2.178e-06 ± 2.106e-07
50.7
50.65
50.6
50.55
50.5
50.45
50.4
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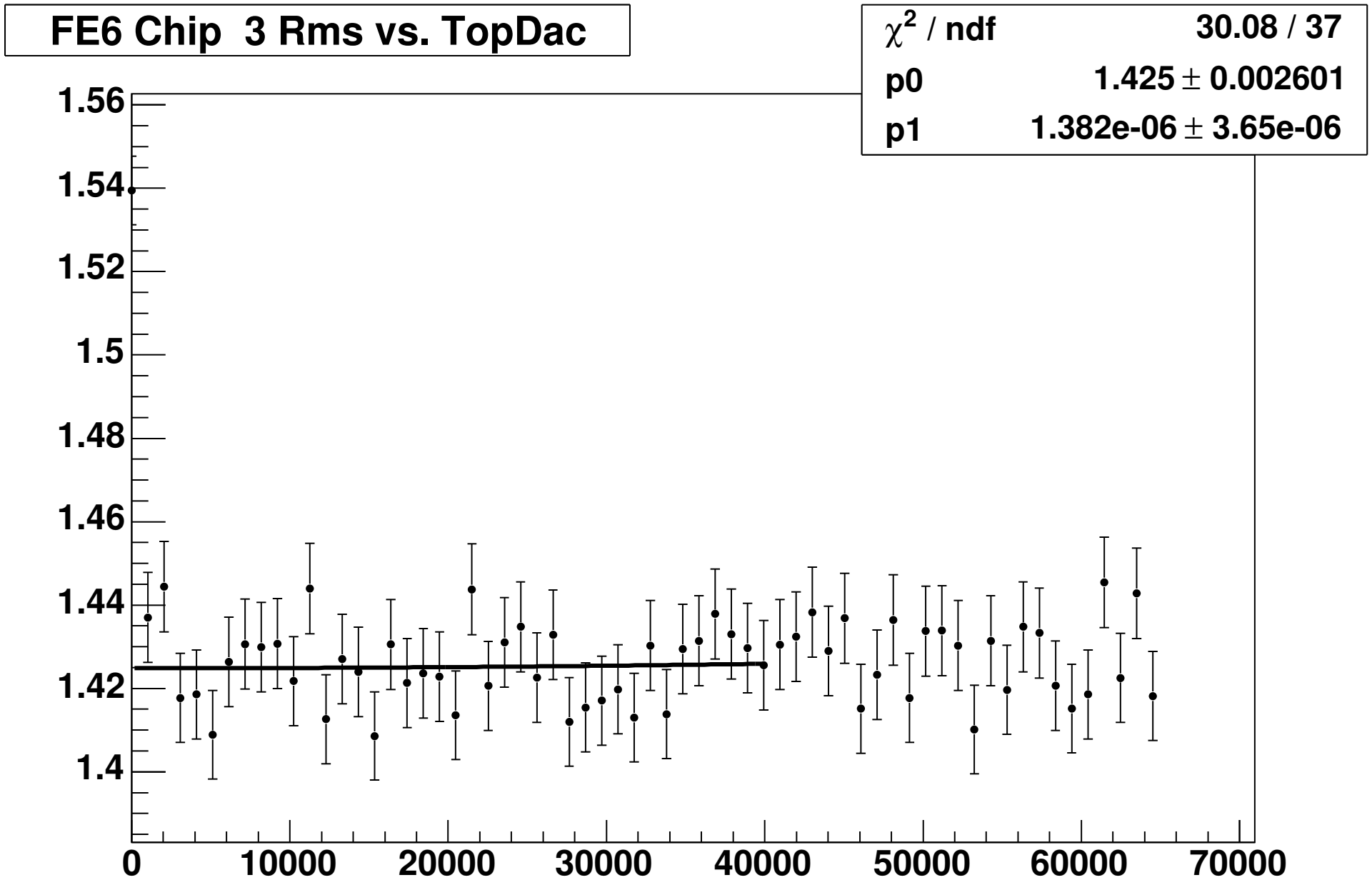
FE6 Chip 3 Rms vs. TopDac
χ² / ndf 30.08 / 37
p0 1.425 ± 0.002601
p1 1.382e-06 ± 3.65e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
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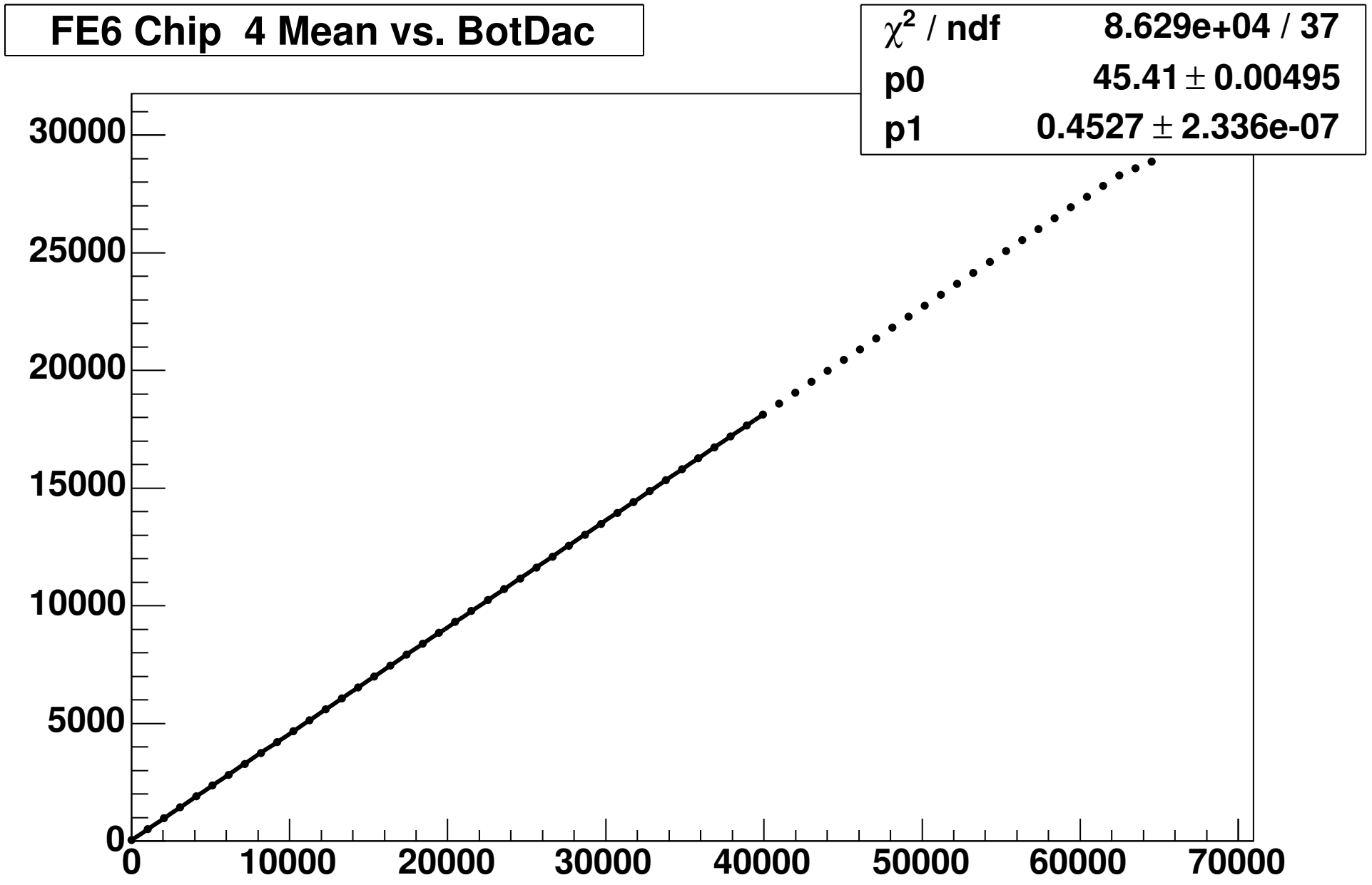
FE6 Chip 4 Mean vs. BotDac
χ² / ndf 8.629e+04 / 37
p0 45.41 ± 0.00495
p1 0.4527 ± 2.336e-07
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10000
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20000
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60000
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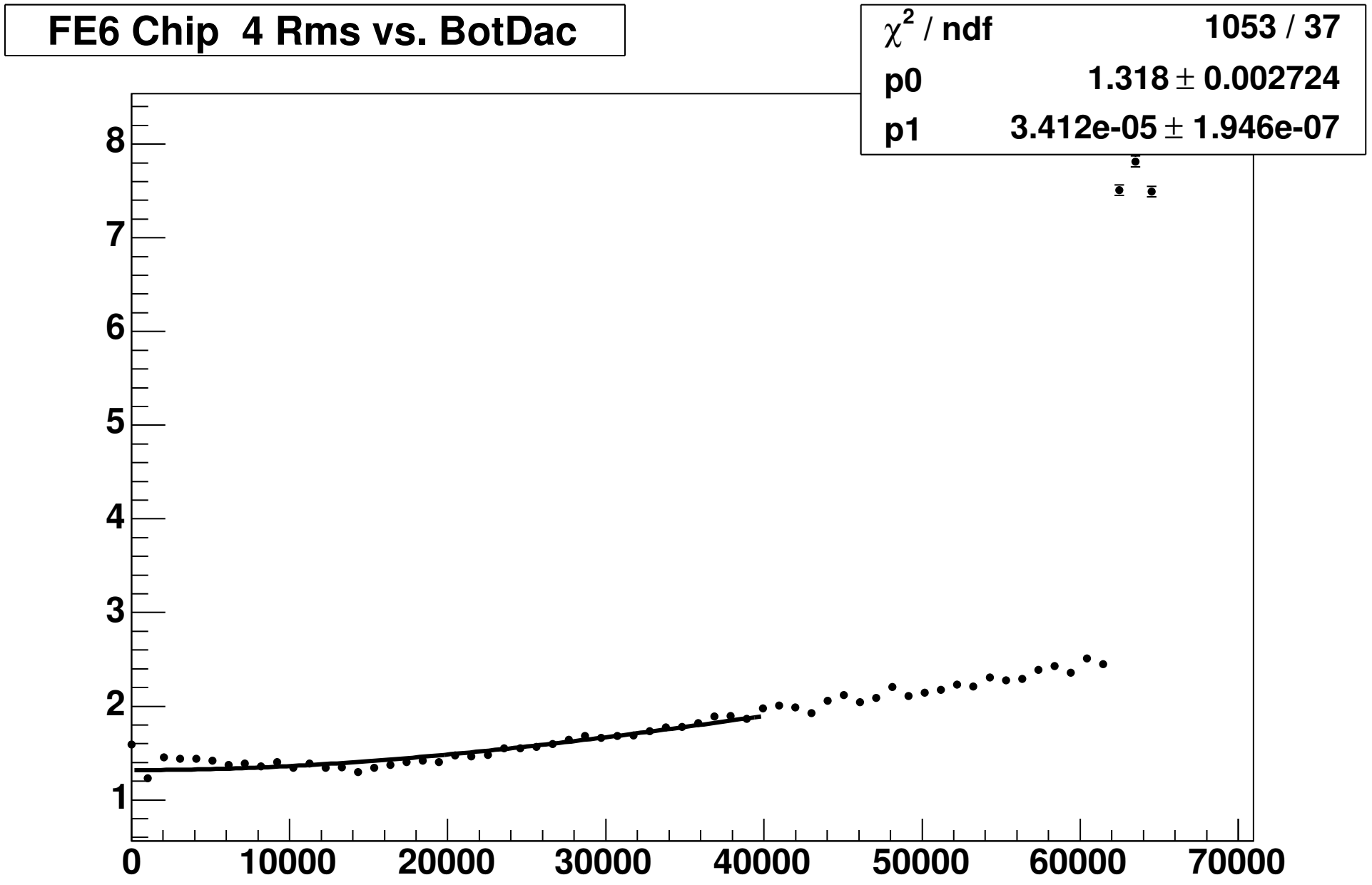
FE6 Chip 4 Rms vs. BotDac
χ² / ndf 1053 / 37
p0 1.318 ± 0.002724
p1 3.412e-05 ± 1.946e-07
8
7
6
5
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3
2
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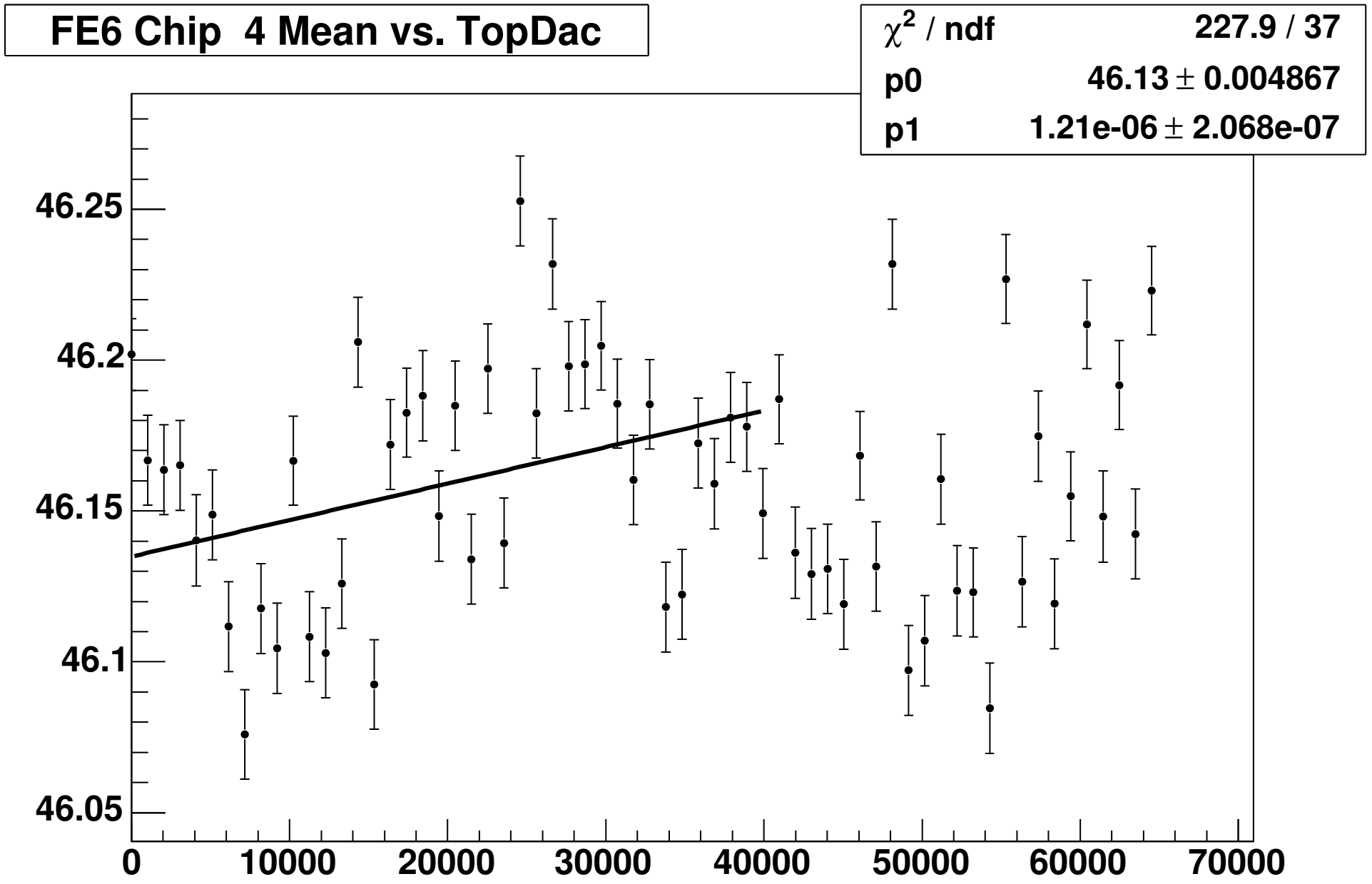
FE6 Chip 4 Mean vs. TopDac
χ² / ndf 227.9 / 37
p0 46.13 ± 0.004867
p1 1.21e-06 ± 2.068e-07
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46.2
46.15
46.1
46.05
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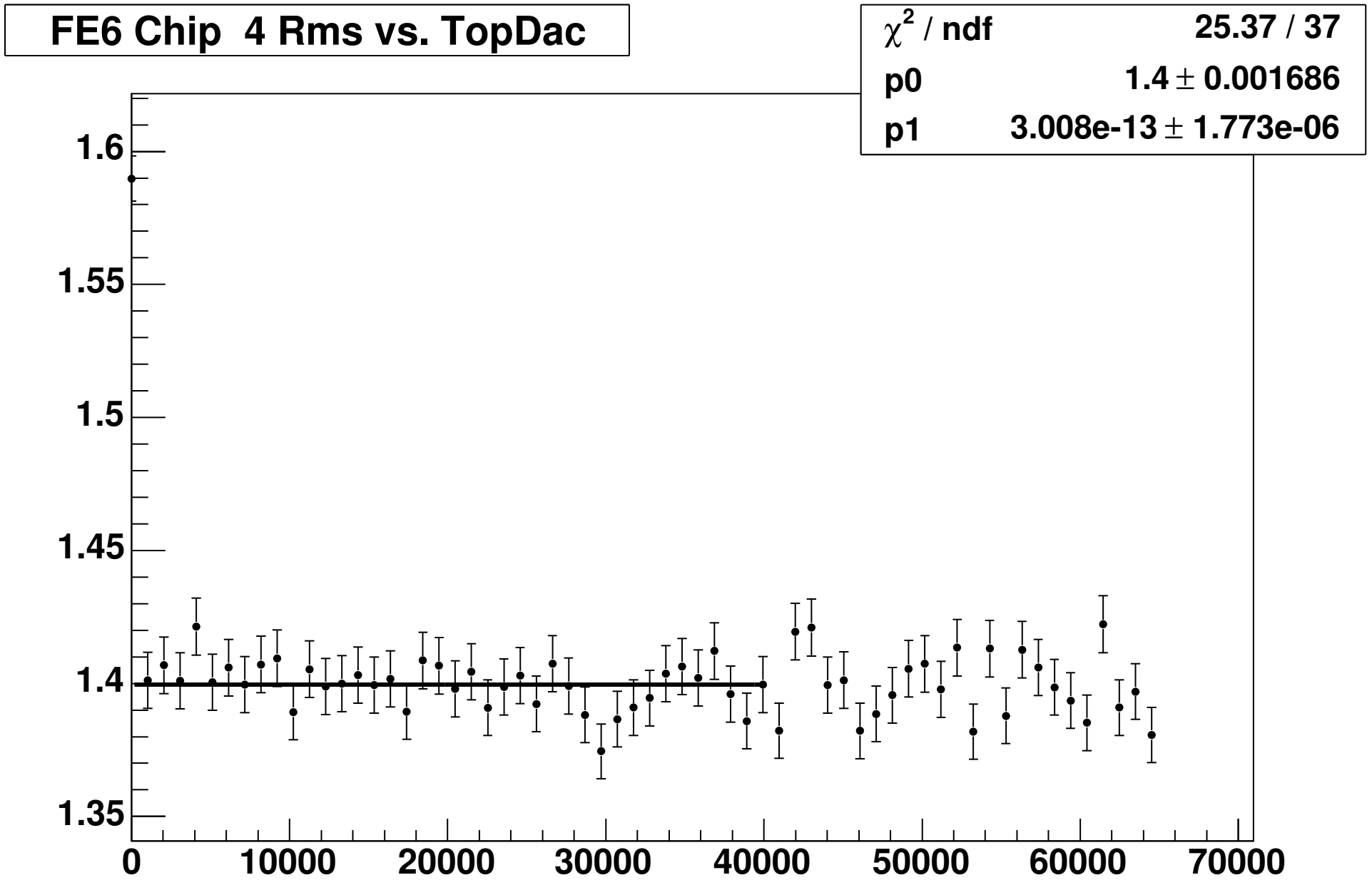
FE6 Chip 4 Rms vs. TopDac
χ² / ndf 25.37 / 37
p0 1.4 ± 0.001686
p1 3.008e-13 ± 1.773e-06
1.6
1.55
1.5
1.45
1.4
1.35
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20000
30000
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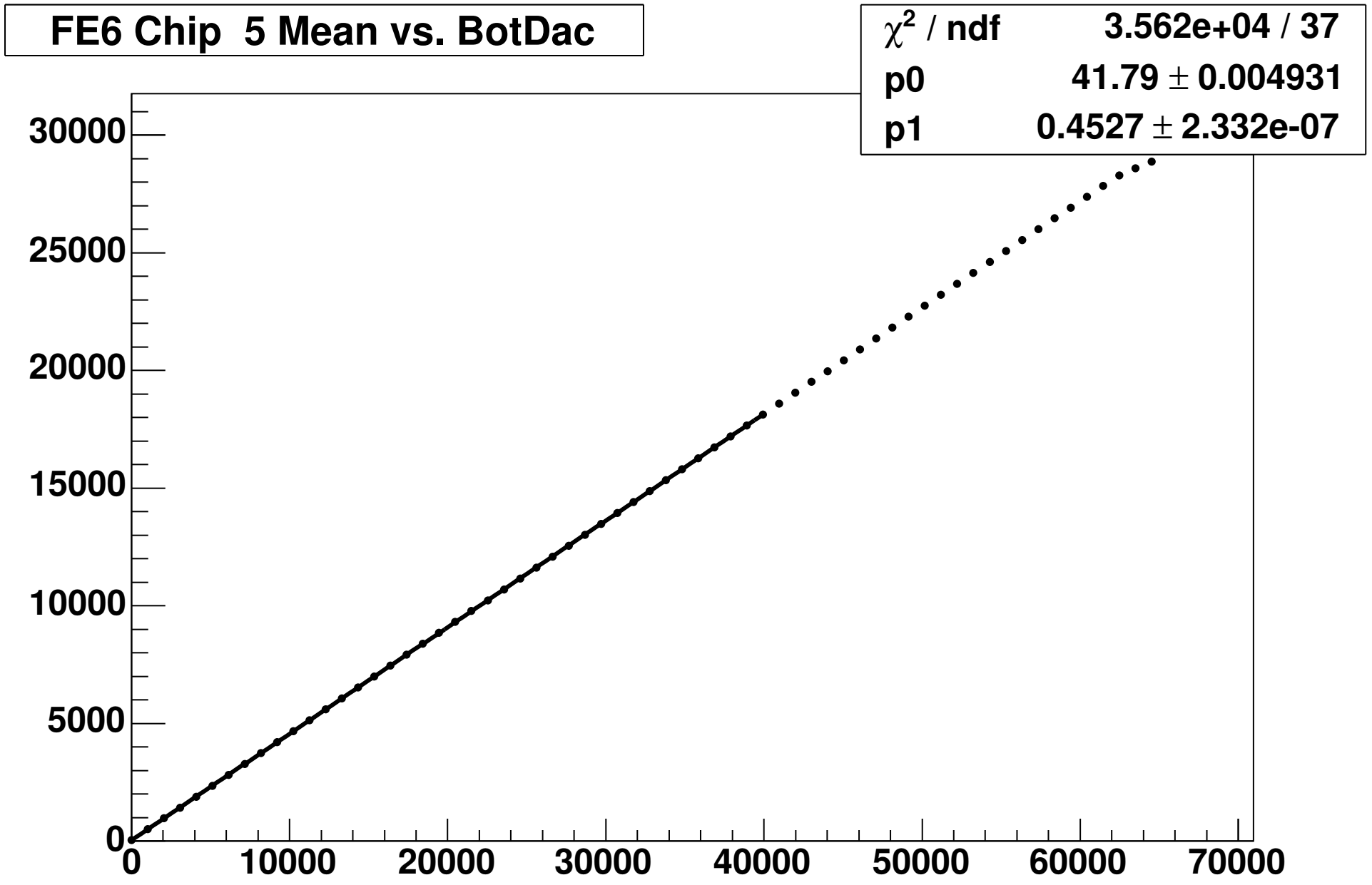
FE6 Chip 5 Mean vs. BotDac
χ² / ndf 3.562e+04 / 37
p0 41.79 ± 0.004931
p1 0.4527 ± 2.332e-07
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20000
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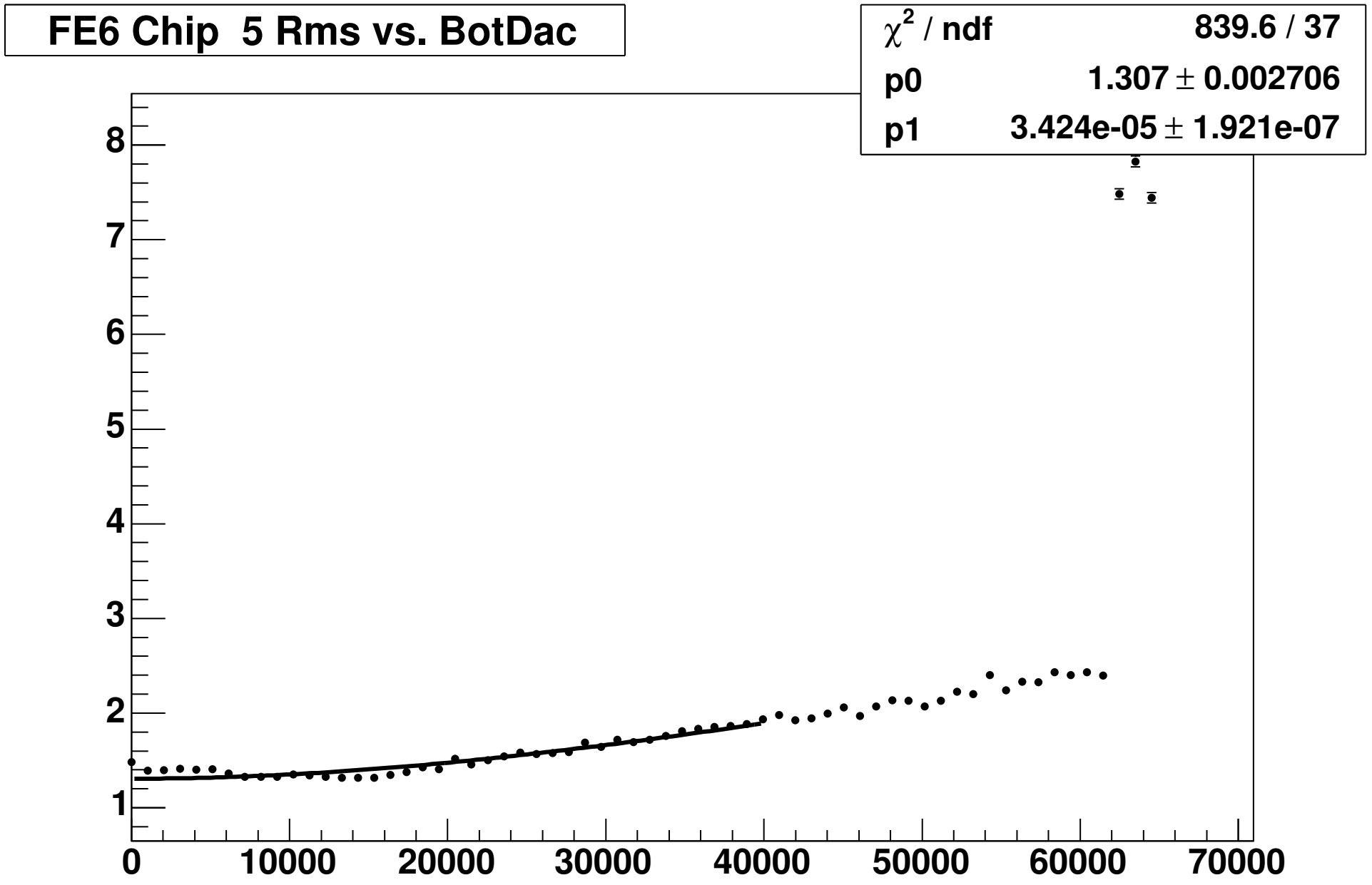
FE6 Chip 5 Rms vs. BotDac
χ² / ndf 839.6 / 37
p0 1.307 ± 0.002706
p1 3.424e-05 ± 1.921e-07
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7
6
5
4
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20000
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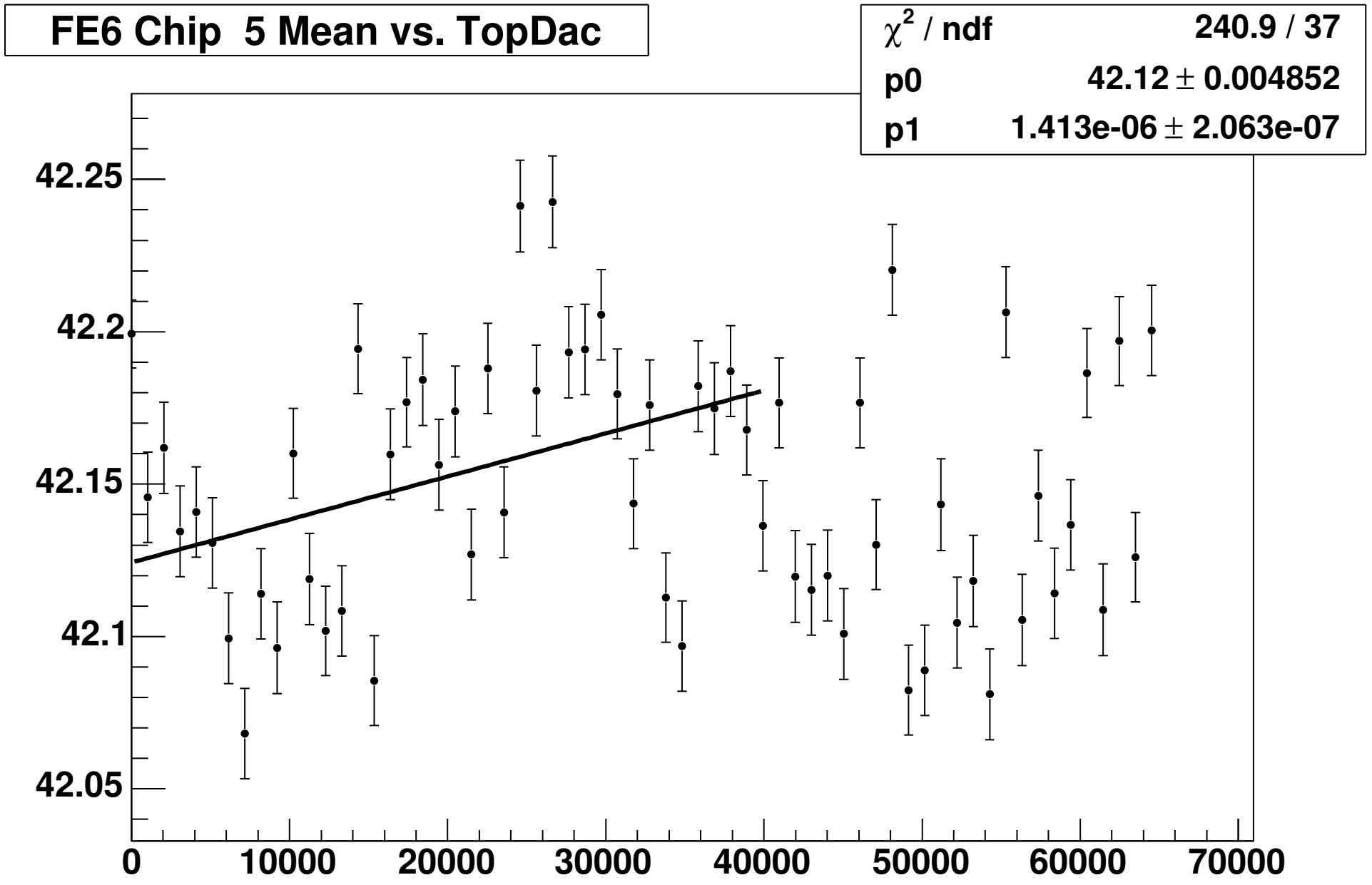
FE6 Chip 5 Mean vs. TopDac
χ² / ndf 240.9 / 37
p0 42.12 ± 0.004852
p1 1.413e-06 ± 2.063e-07
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42.2
42.15
42.1
42.05
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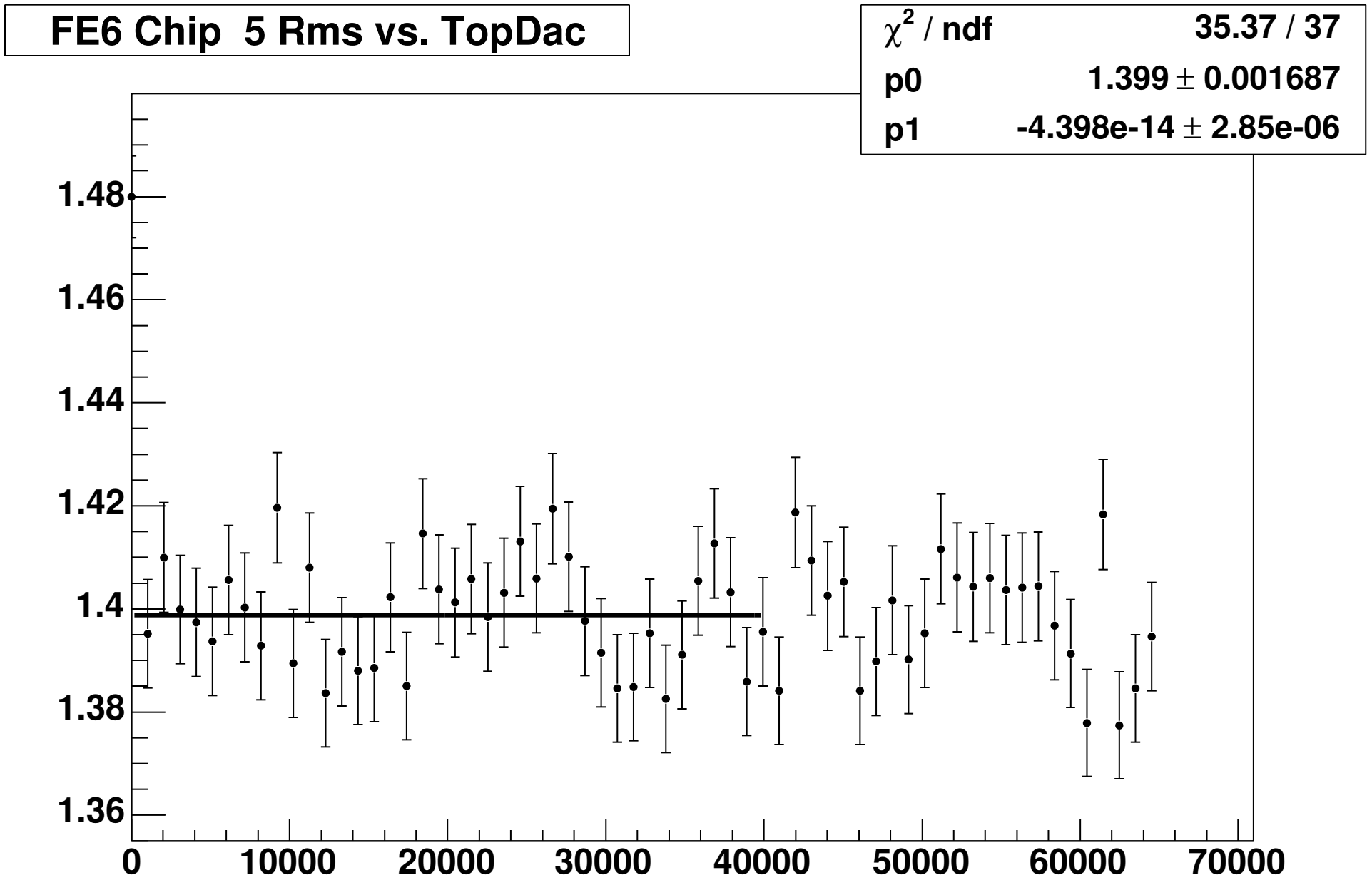
FE6 Chip 5 Rms vs. TopDac
χ² / ndf 35.37 / 37
p0 1.399 ± 0.001687
p1 -4.398e-14 ± 2.85e-06
1.48
1.46
1.44
1.42
1.4
1.38
1.36
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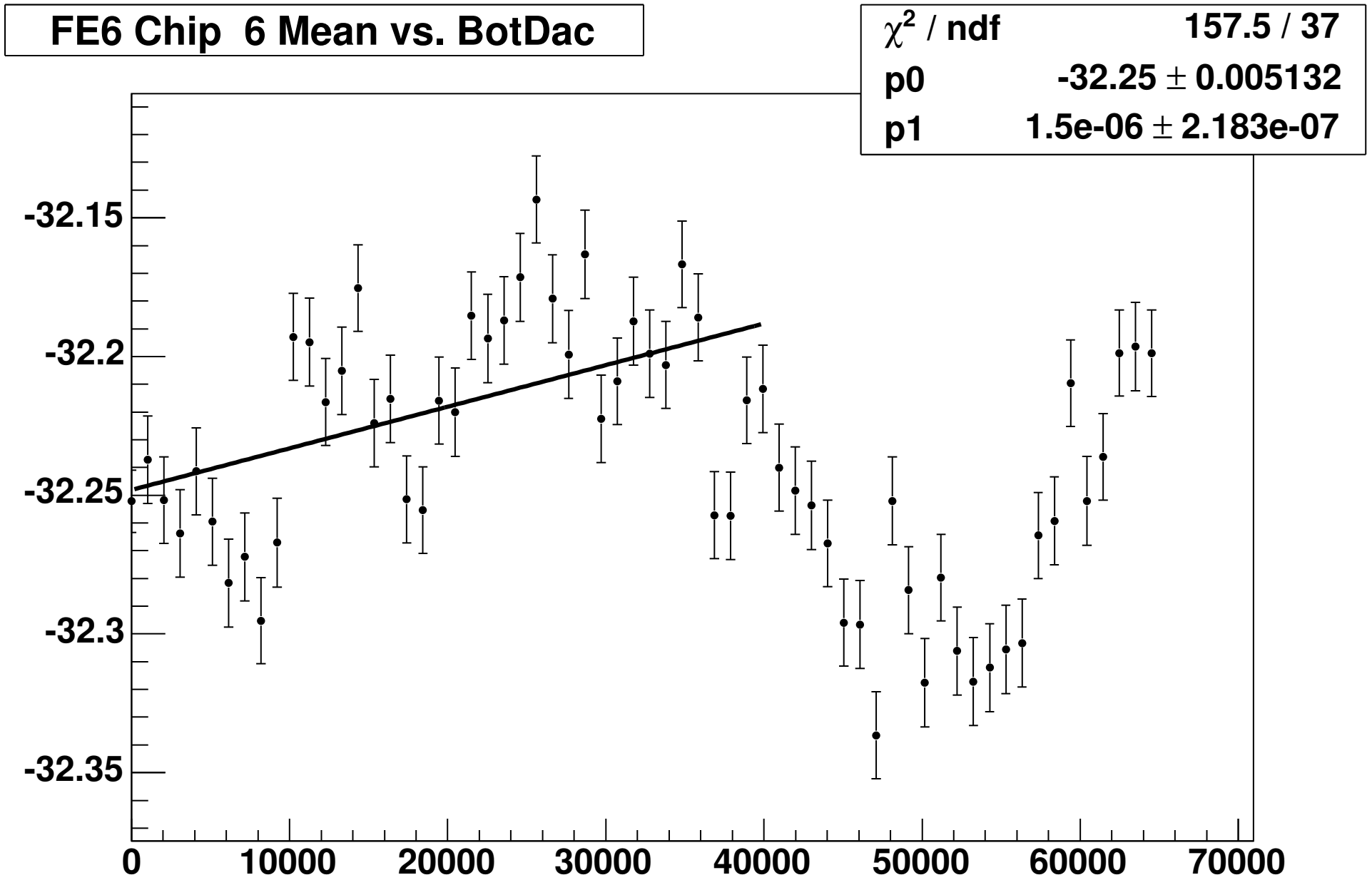
FE6 Chip 6 Mean vs. BotDac
χ² / ndf 157.5 / 37
p0 -32.25 ± 0.005132
p1 1.5e-06 ± 2.183e-07
-32.15
-32.2
-32.25
-32.3
-32.35
0
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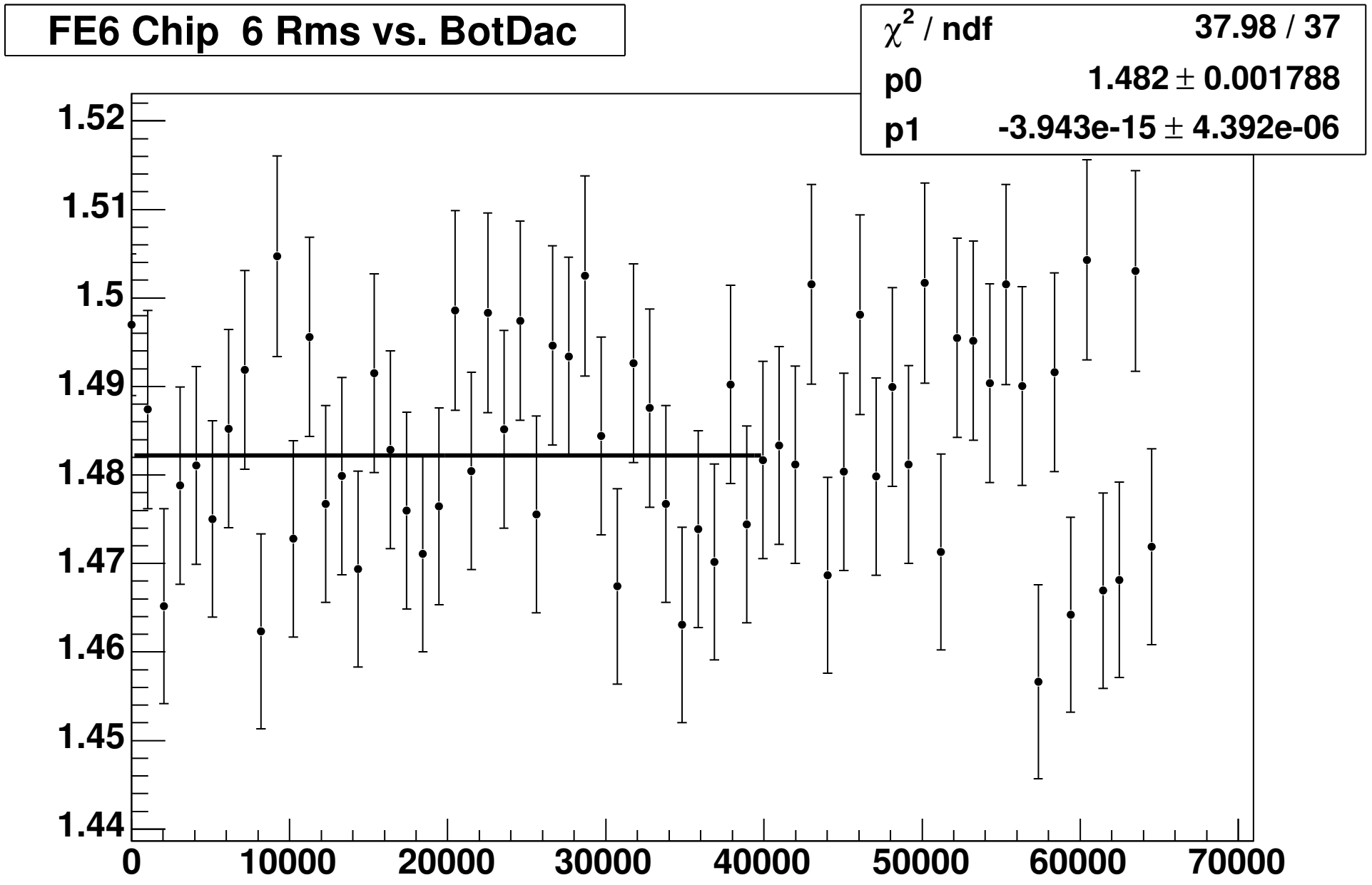
FE6 Chip 6 Rms vs. BotDac
χ² / ndf 37.98 / 37
p0 1.482 ± 0.001788
p1 -3.943e-15 ± 4.392e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
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20000
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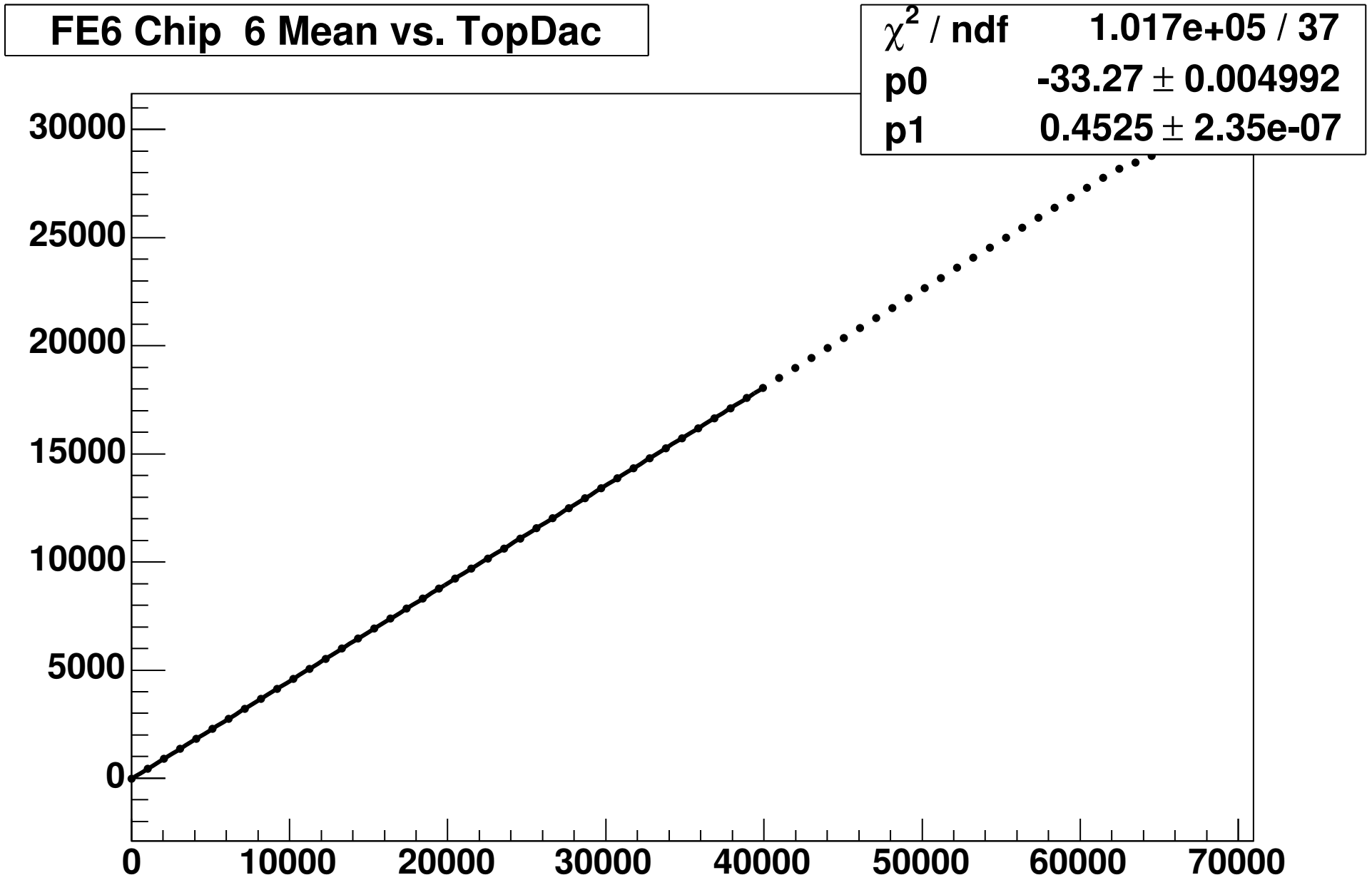
FE6 Chip 6 Mean vs. TopDac
χ^2 / ndf 1.017e+05 / 37
p0 -33.27 ± 0.004992
p1 0.4525 ± 2.35e-07
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15000
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5000
0
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10000
20000
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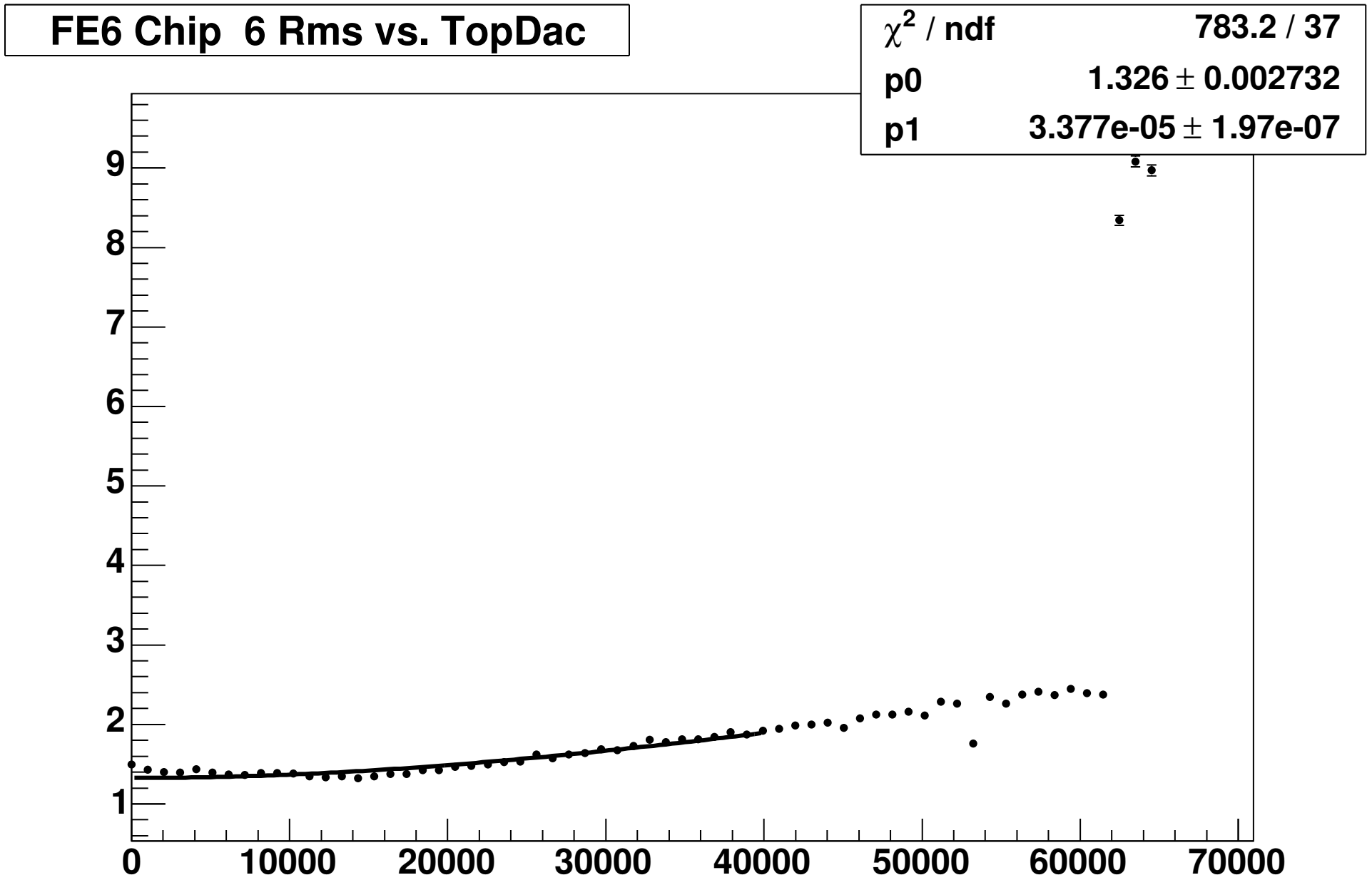
60000
70000


FE6 Chip 6 Rms vs. TopDac
χ^2 / ndf 783.2 / 37
p0 1.326 ± 0.002732
p1 3.377e-05 ± 1.97e-07
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8
7
6
5
4
3
2
1
0
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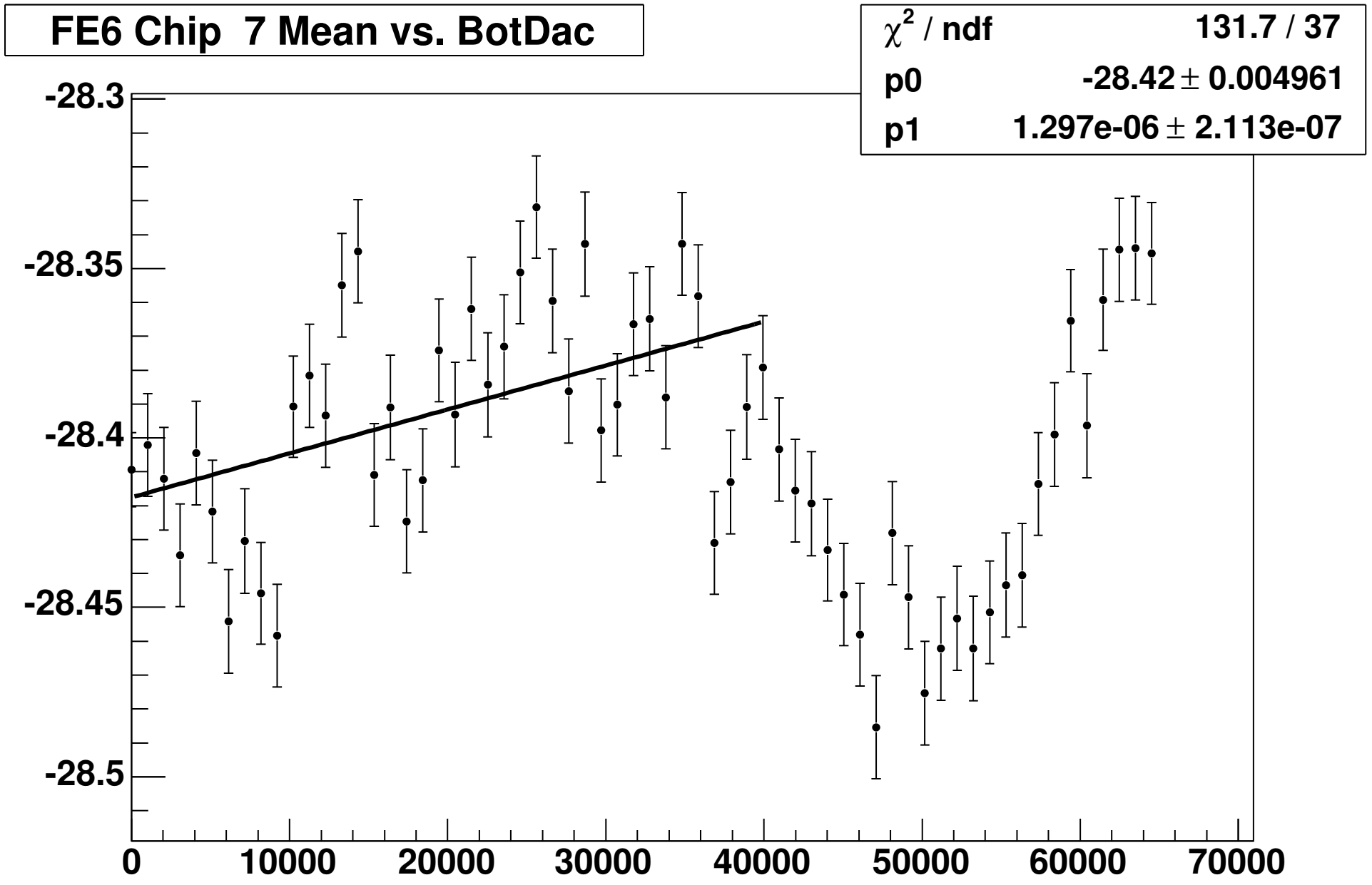
70000


FE6 Chip 7 Mean vs. BotDac
χ² / ndf 131.7 / 37
p0 -28.42 ± 0.004961
p1 1.297e-06 ± 2.113e-07
-28.3
-28.35
-28.4
-28.45
-28.5
0
10000
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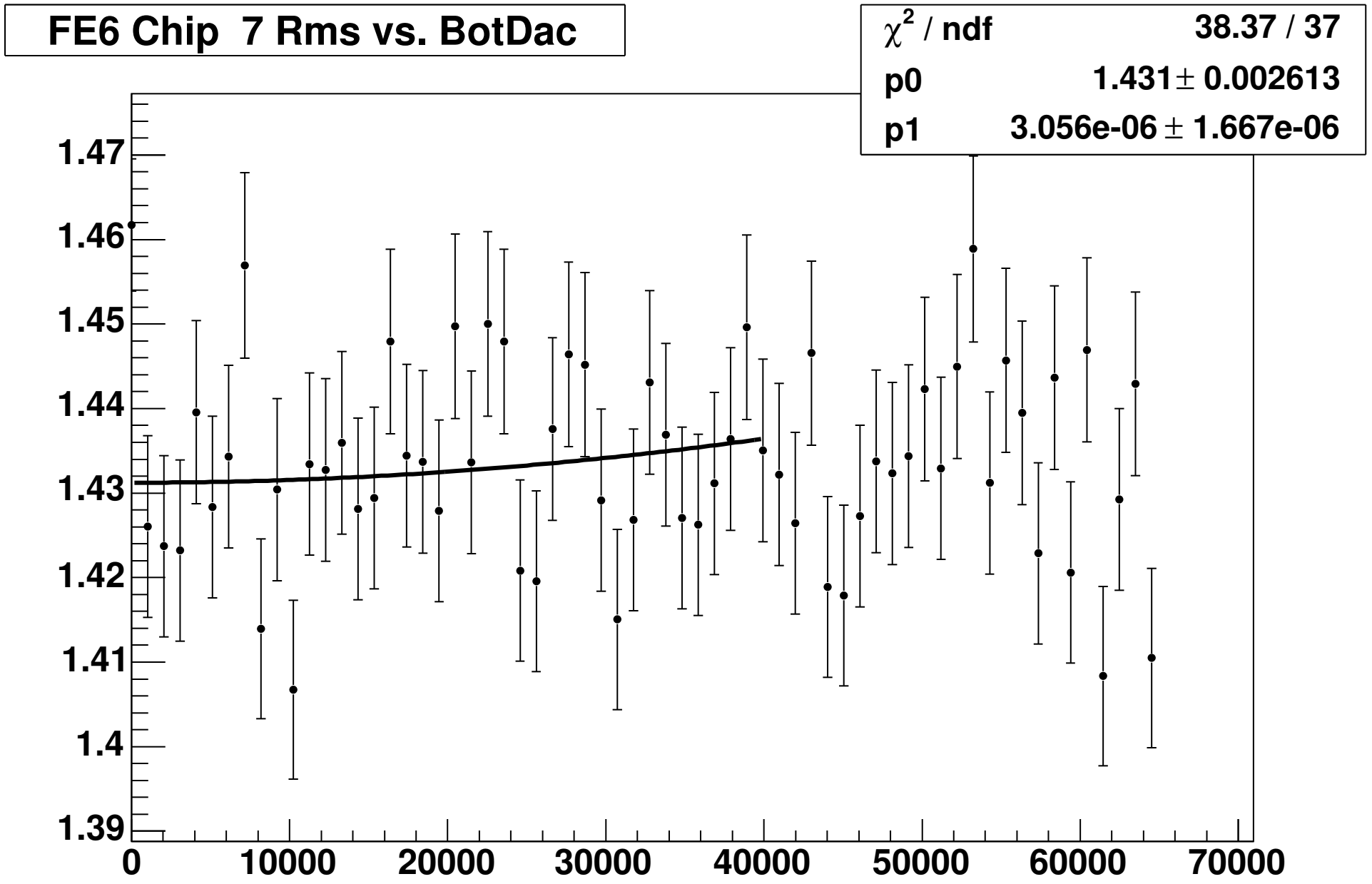
FE6 Chip 7 Rms vs. BotDac
χ² / ndf 38.37 / 37
p0 1.431 ± 0.002613
p1 3.056e-06 ± 1.667e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
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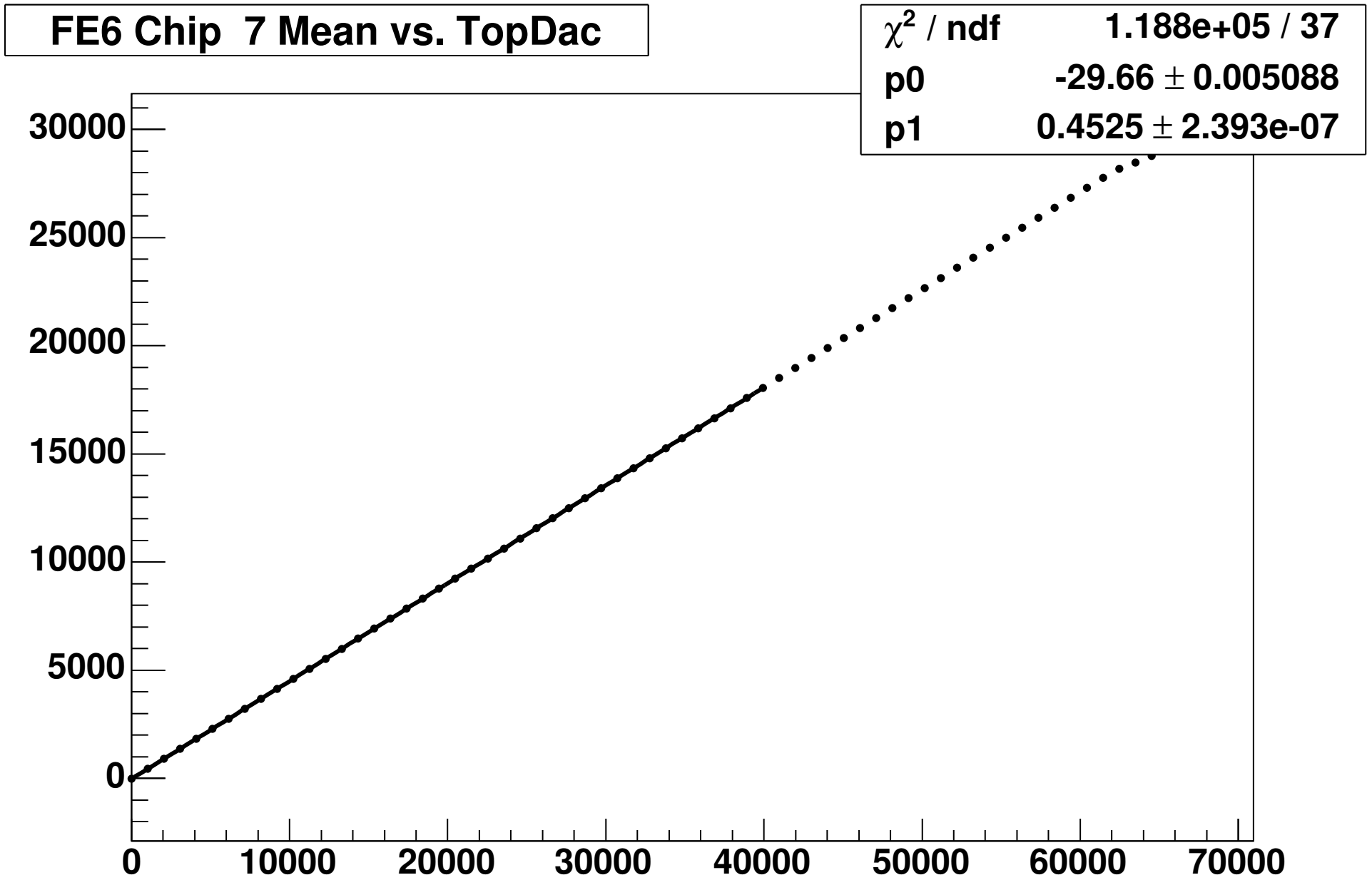
FE6 Chip 7 Mean vs. TopDac
χ² / ndf 1.188e+05 / 37
p0 -29.66 ± 0.005088
p1 0.4525 ± 2.393e-07
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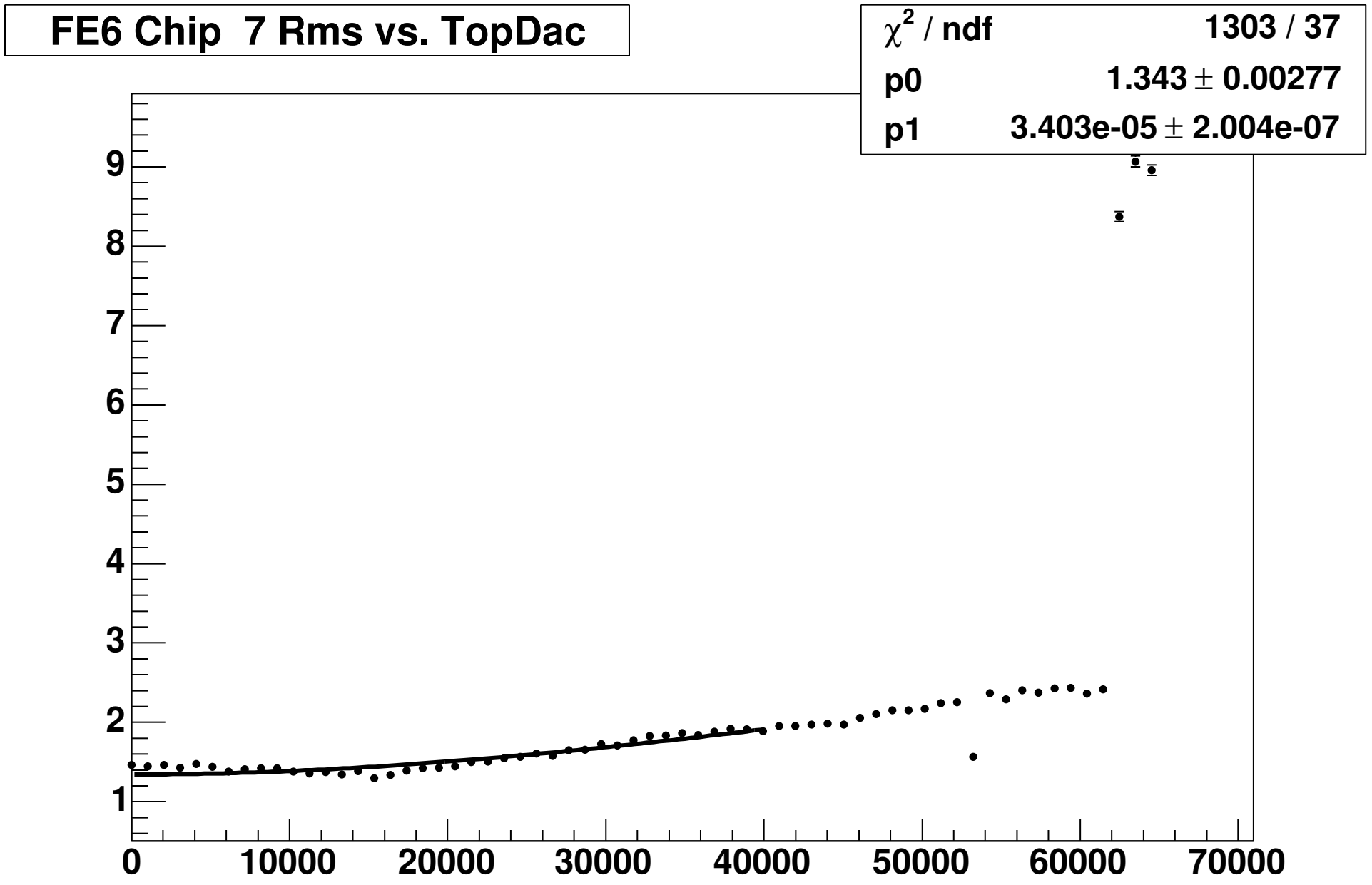
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 7 Rms vs. TopDac
χ² / ndf 1303 / 37
p0 1.343 ± 0.00277
p1 3.403e-05 ± 2.004e-07
9
8
7
6
5
4
3
2
1
0
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20000
30000
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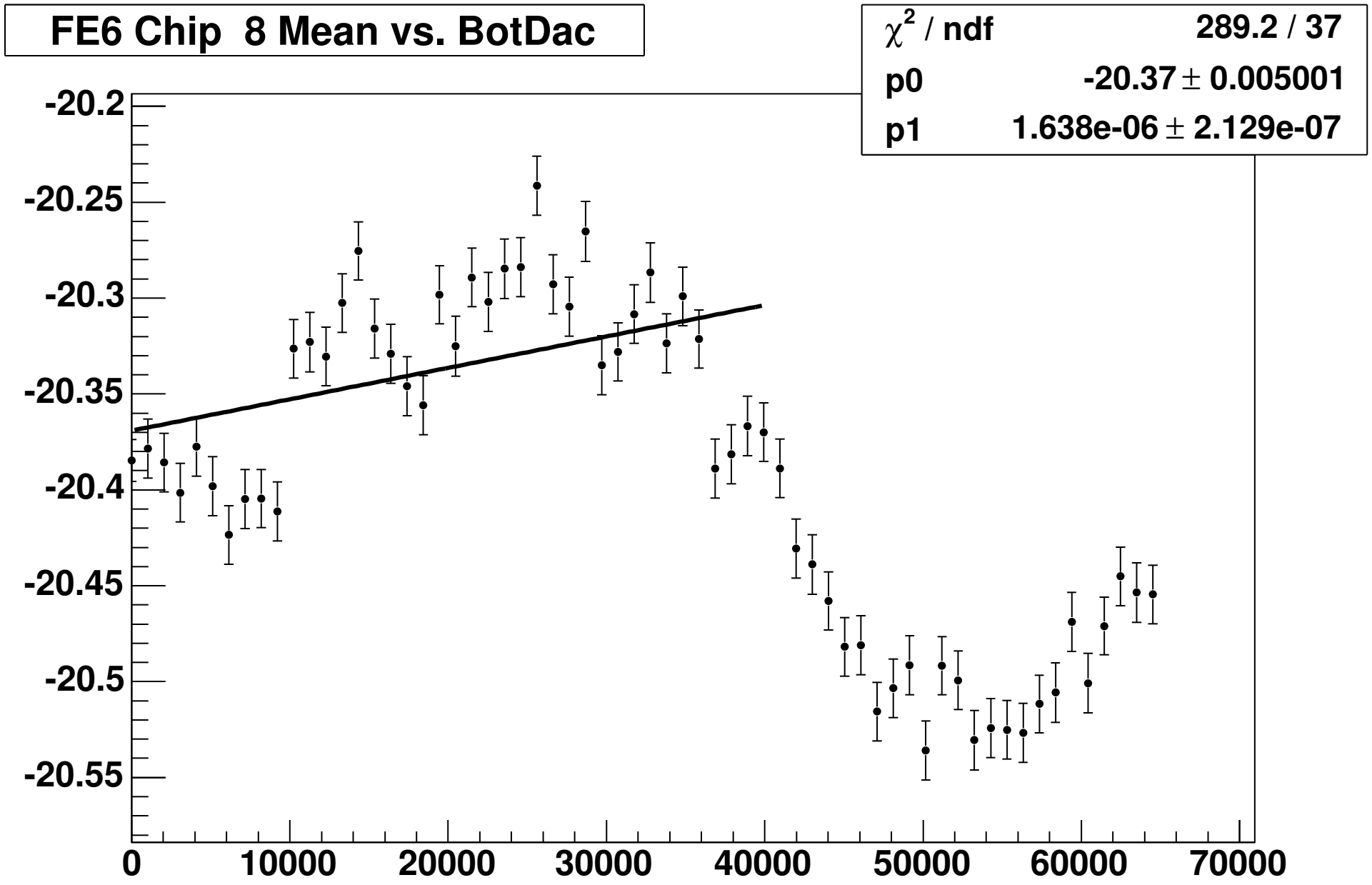
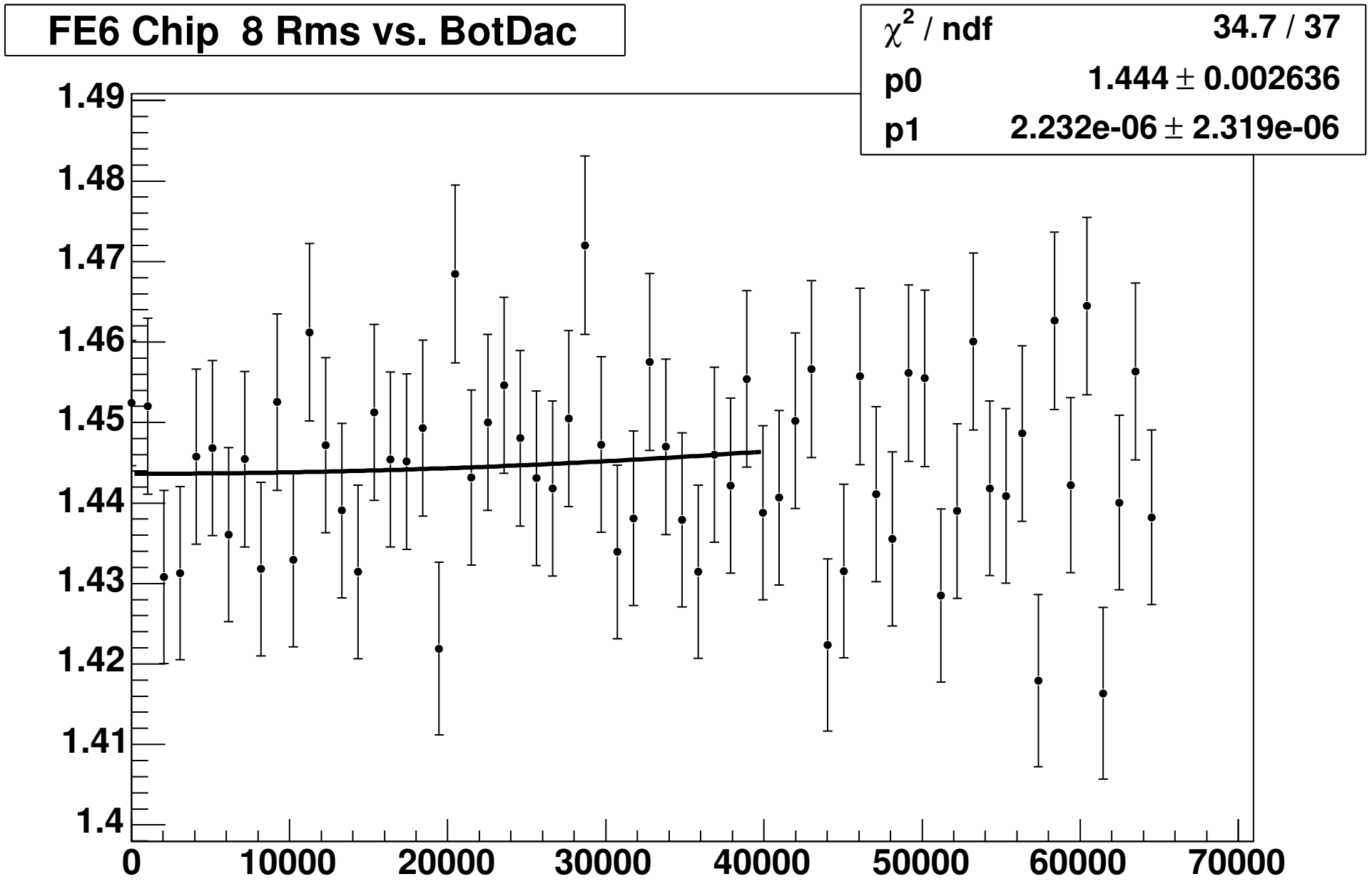
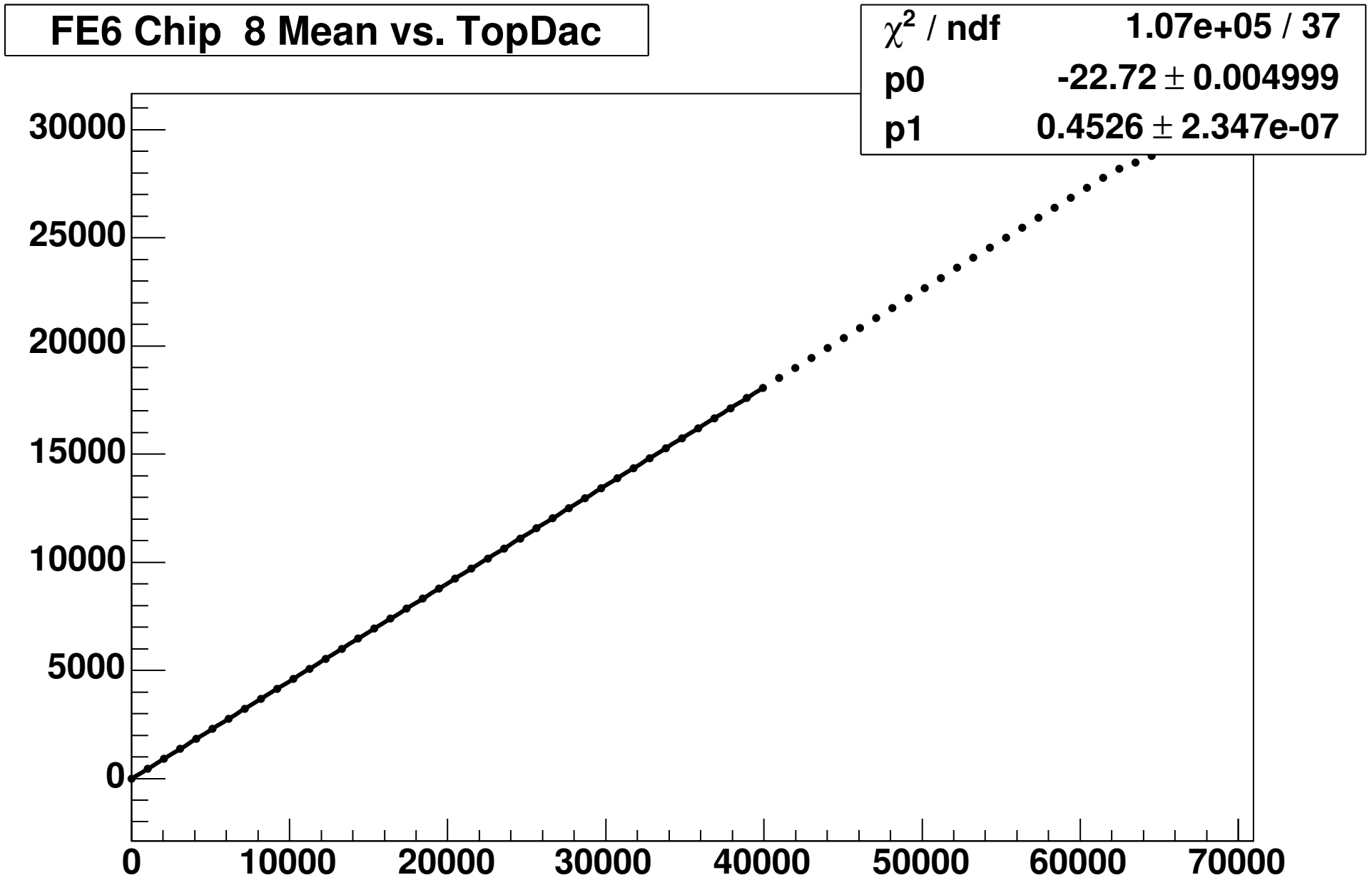
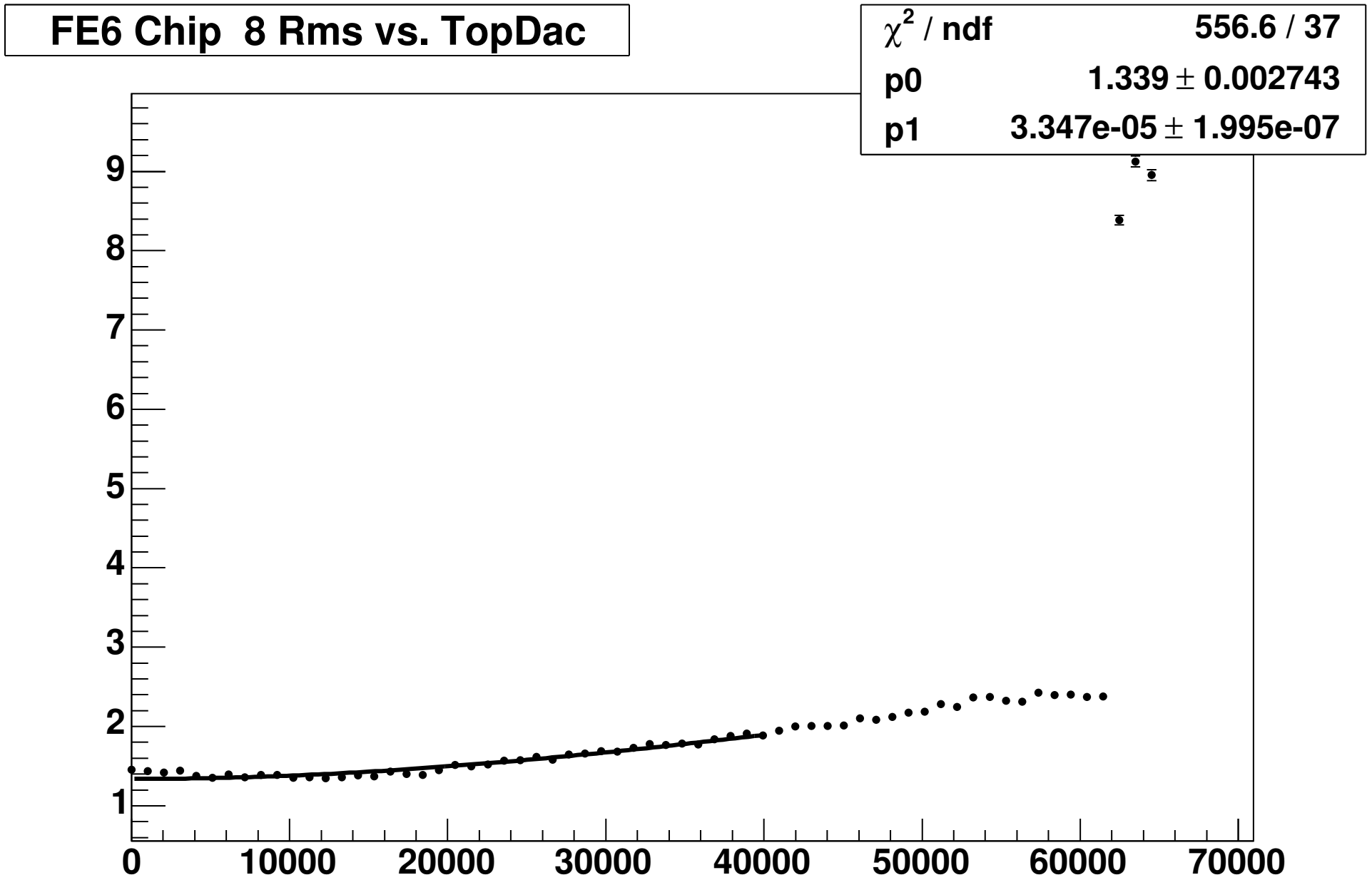
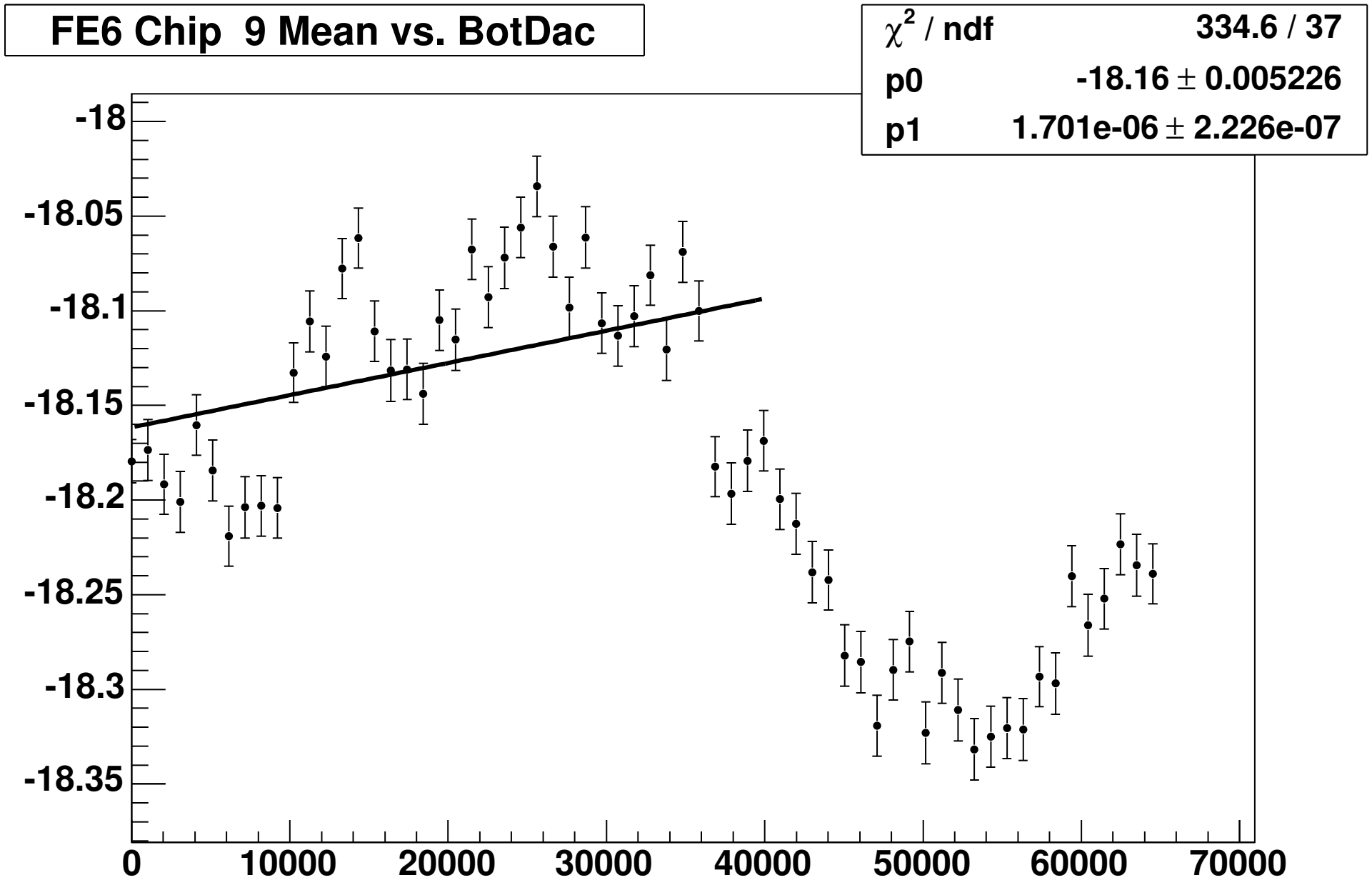
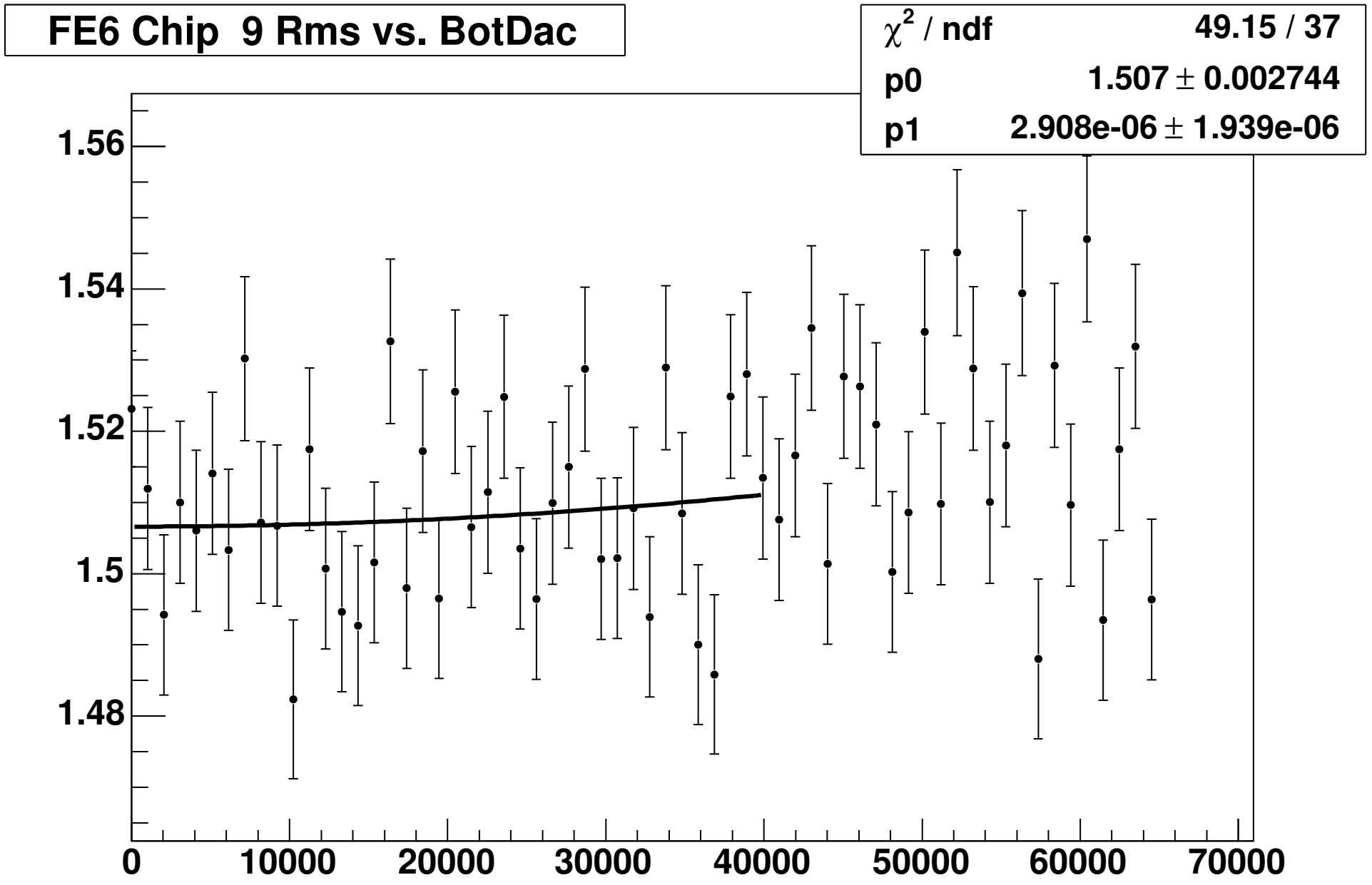

FE6 Chip 8 Mean vs. BotDac
χ² / ndf 289.2 / 37
p0 -20.37 ± 0.005001
p1 1.638e-06 ± 2.129e-07
-20.2
-20.25
-20.3
-20.35
-20.4
-20.45
-20.5
-20.55
0
10000
20000
30000
40000
50000
60000
70000

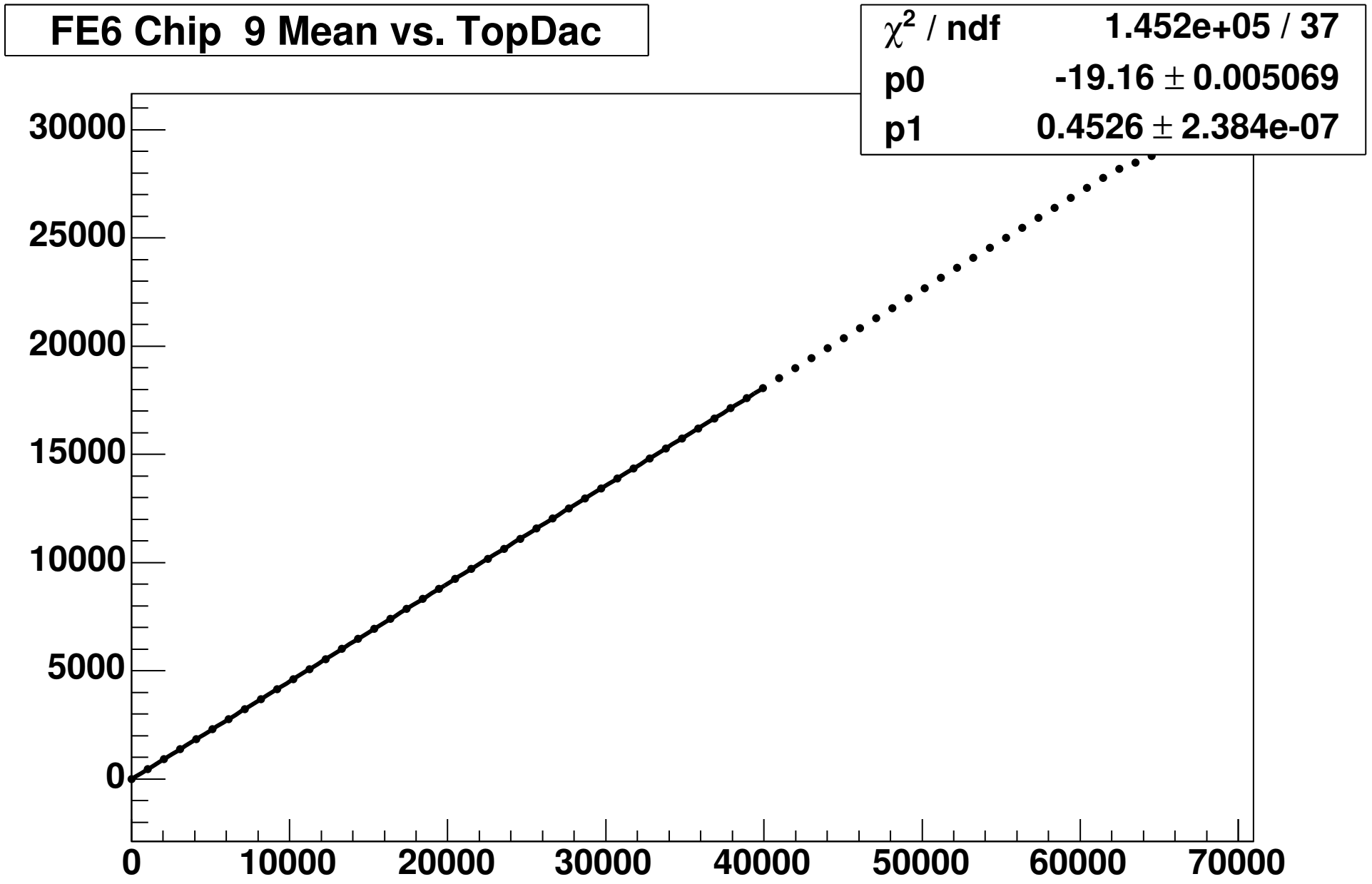

FE6 Chip 8 Rms vs. BotDac
χ² / ndf 34.7 / 37
p0 1.444 ± 0.002636
p1 2.232e-06 ± 2.319e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
0
10000
20000
30000
40000
50000
60000
70000

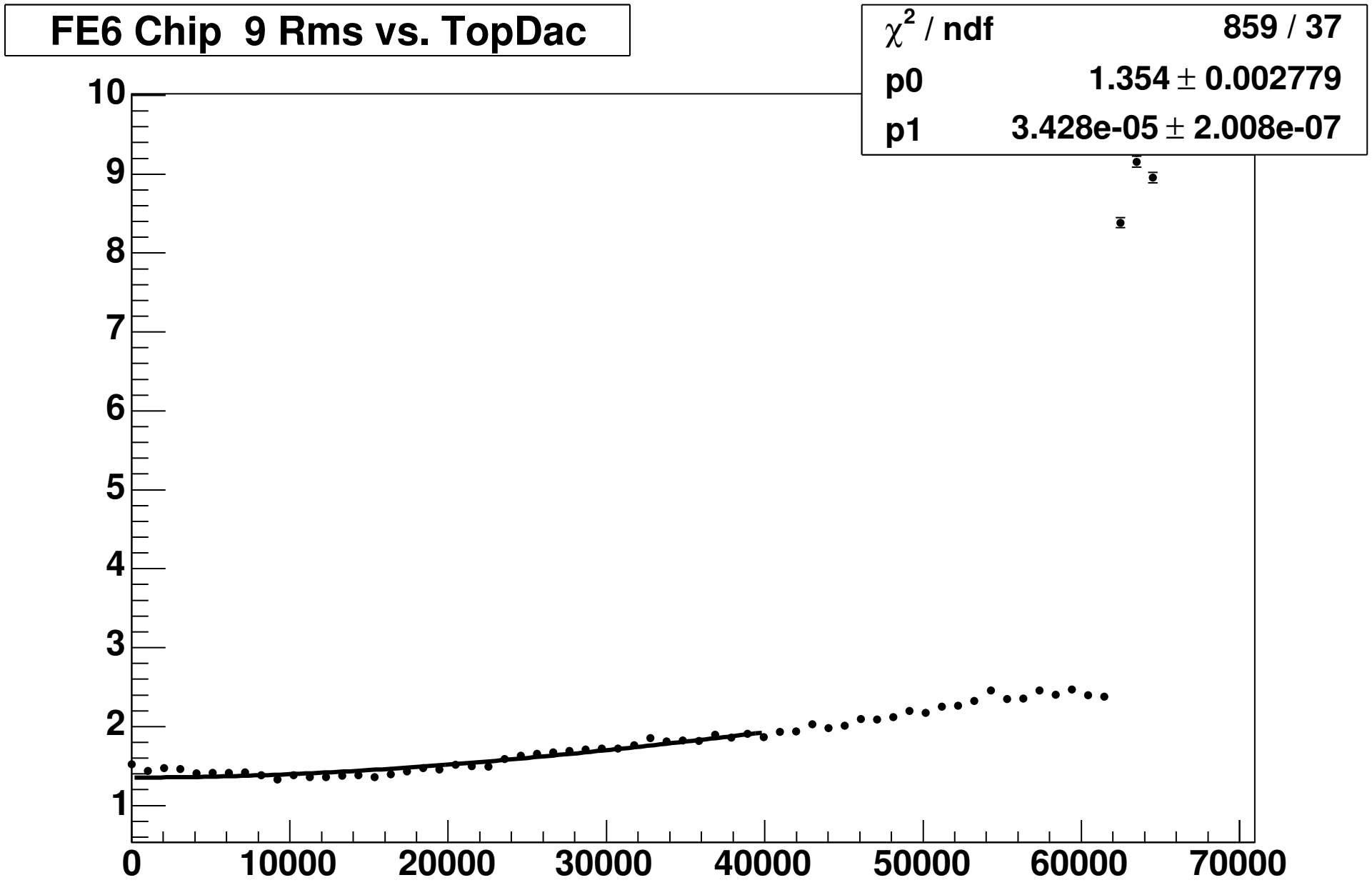

FE6 Chip 8 Mean vs. TopDac
χ² / ndf 1.07e+05 / 37
p0 -22.72 ± 0.004999
p1 0.4526 ± 2.347e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 8 Rms vs. TopDac
χ² / ndf 556.6 / 37
p0 1.339 ± 0.002743
p1 3.347e-05 ± 1.995e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 9 Mean vs. BotDac
χ² / ndf 334.6 / 37
p0 -18.16 ± 0.005226
p1 1.701e-06 ± 2.226e-07
-18
-18.05
-18.1
-18.15
-18.2
-18.25
-18.3
-18.35
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 9 Rms vs. BotDac
χ² / ndf 49.15 / 37
p0 1.507 ± 0.002744
p1 2.908e-06 ± 1.939e-06
1.56
1.54
1.52
1.5
1.48
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 9 Mean vs. TopDac
χ² / ndf 1.452e+05 / 37
p0 -19.16 ± 0.005069
p1 0.4526 ± 2.384e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 9 Rms vs. TopDac
χ² / ndf 859 / 37
p0 1.354 ± 0.002779
p1 3.428e-05 ± 2.008e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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50000
60000
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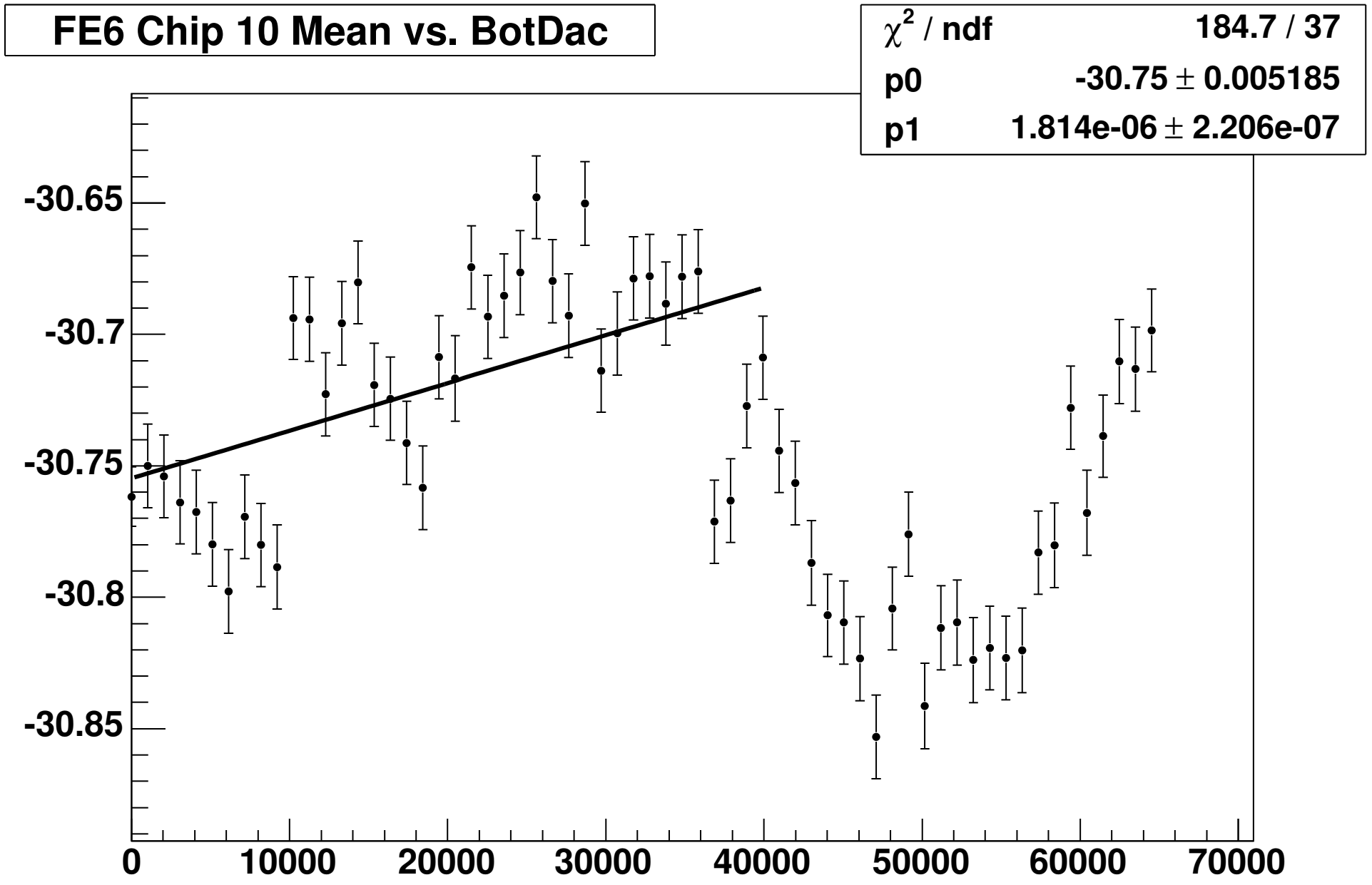
FE6 Chip 10 Mean vs. BotDac
χ² / ndf 184.7 / 37
p0 -30.75 ± 0.005185
p1 1.814e-06 ± 2.206e-07
-30.65
-30.7
-30.75
-30.8
-30.85
0
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30000
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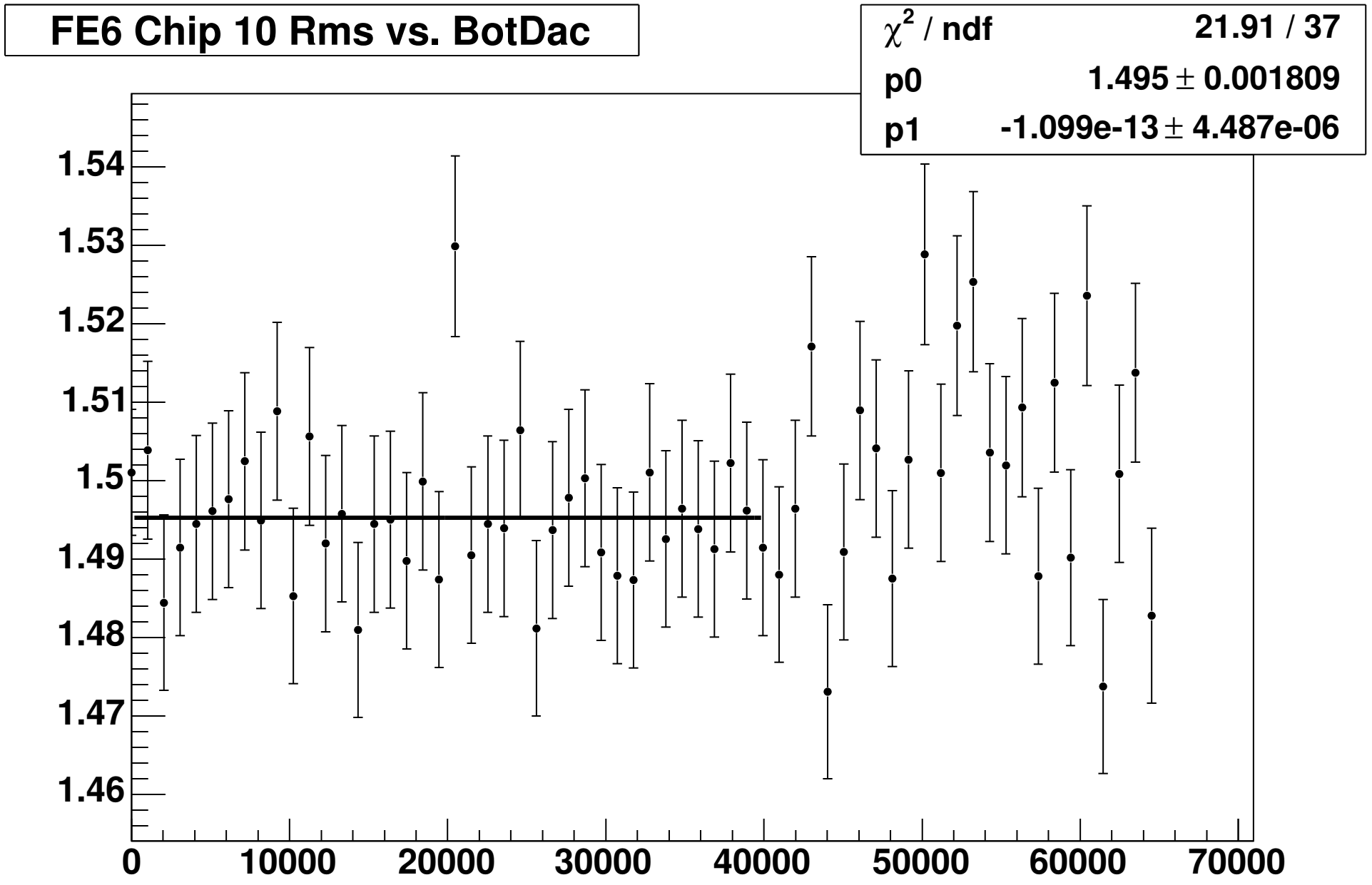
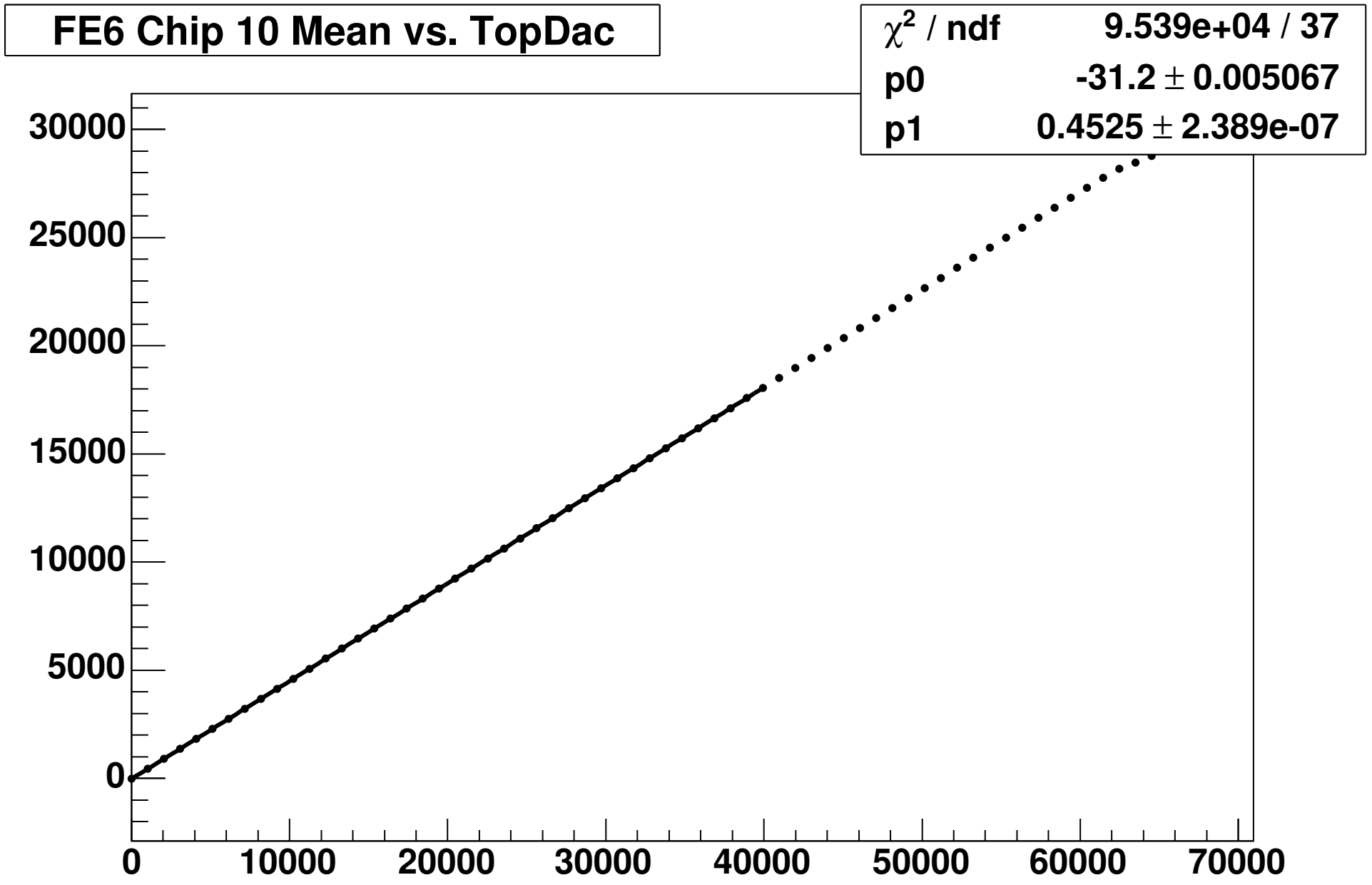
50000
60000
70000


FE6 Chip 10 Rms vs. BotDac
χ² / ndf 21.91 / 37
p0 1.495 ± 0.001809
p1 -1.099e-13 ± 4.487e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 10 Mean vs. TopDac
χ² / ndf 9.539e+04 / 37
p0 -31.2 ± 0.005067
p1 0.4525 ± 2.389e-07
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25000
20000
15000
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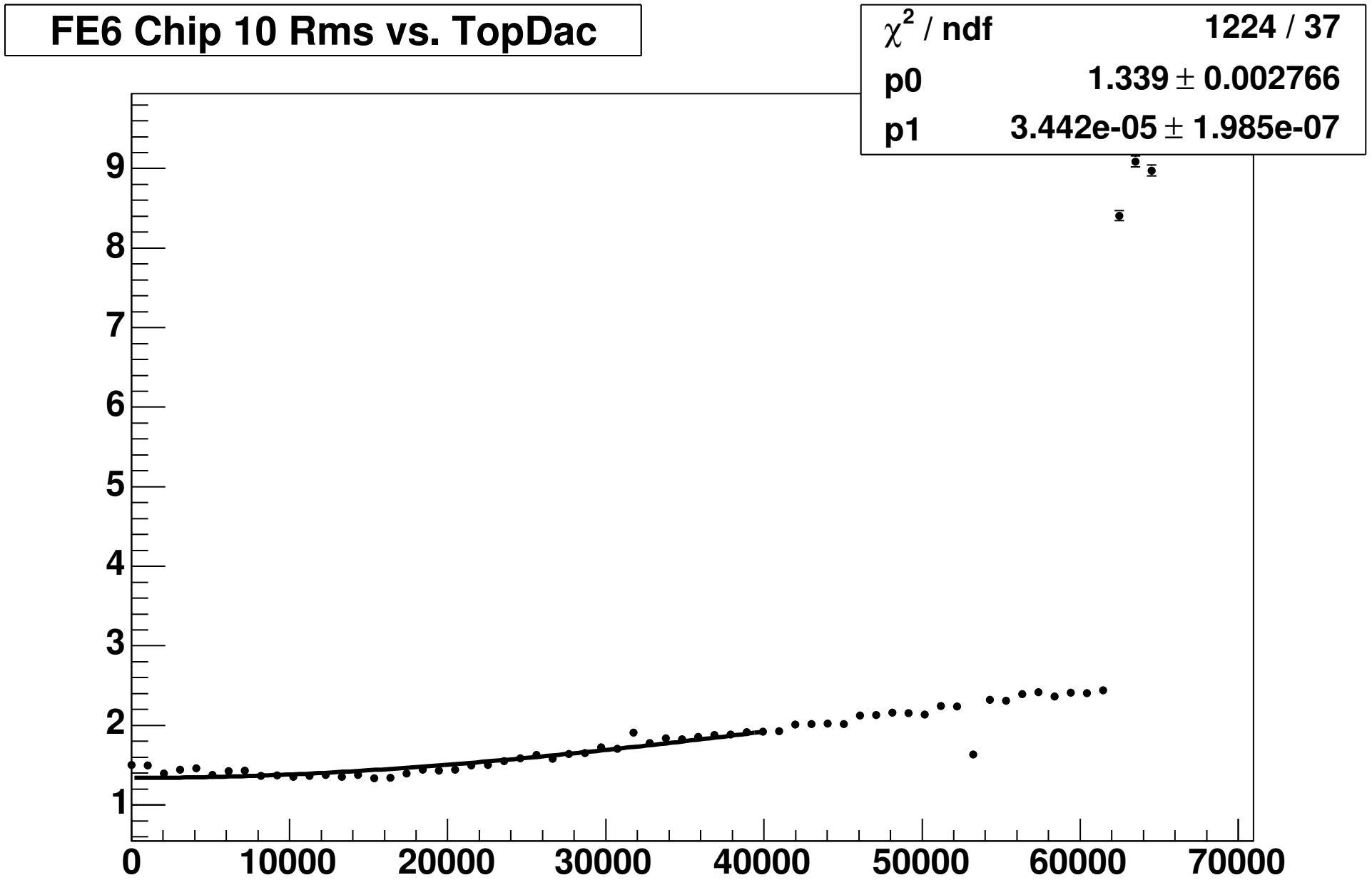
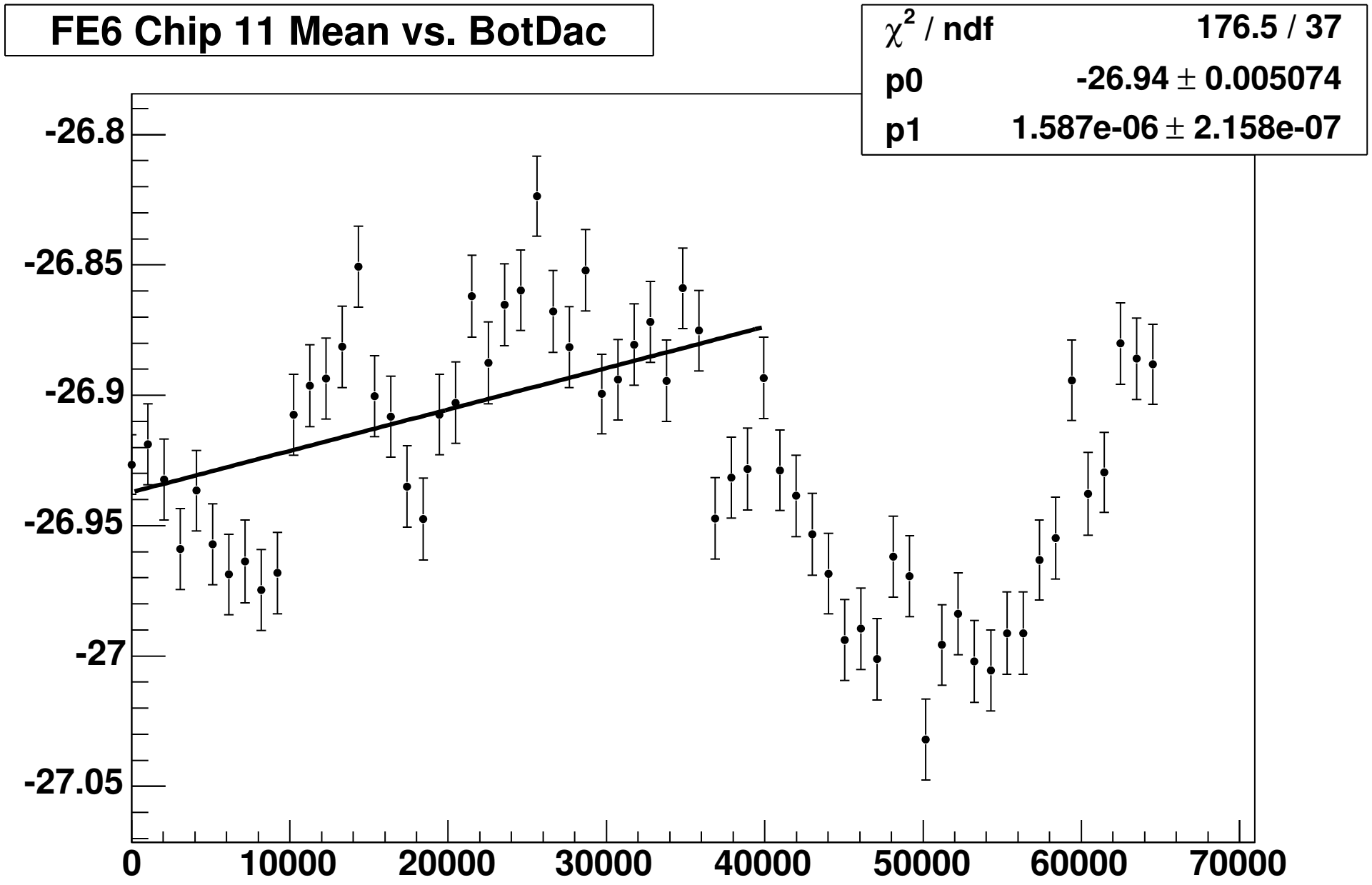
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 10 Rms vs. TopDac
χ² / ndf 1224 / 37
p0 1.339 ± 0.002766
p1 3.442e-05 ± 1.985e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 11 Mean vs. BotDac
χ² / ndf 176.5 / 37
p0 -26.94 ± 0.005074
p1 1.587e-06 ± 2.158e-07
-26.8
-26.85
-26.9
-26.95
-27
-27.05
0
10000
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30000
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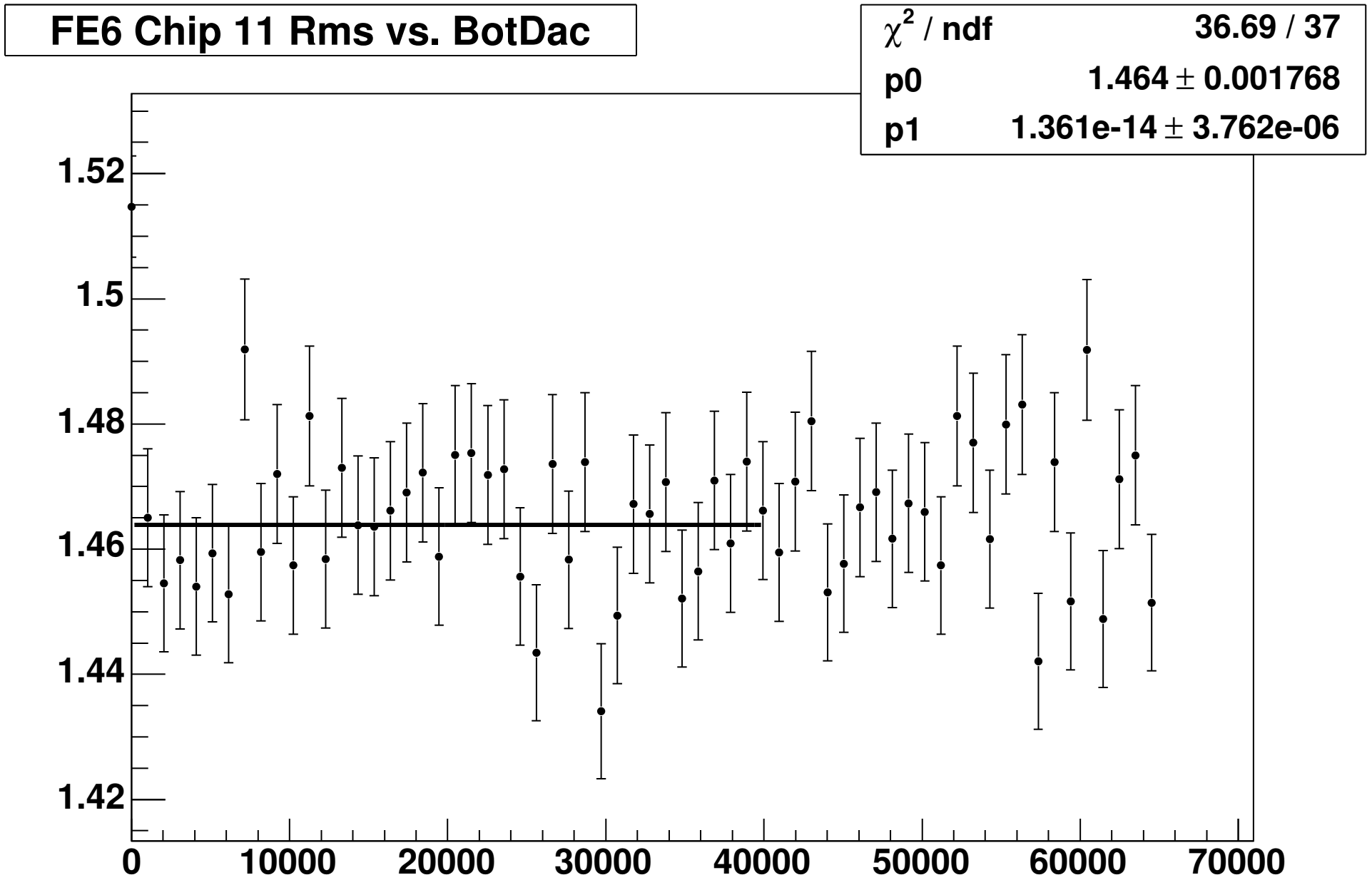
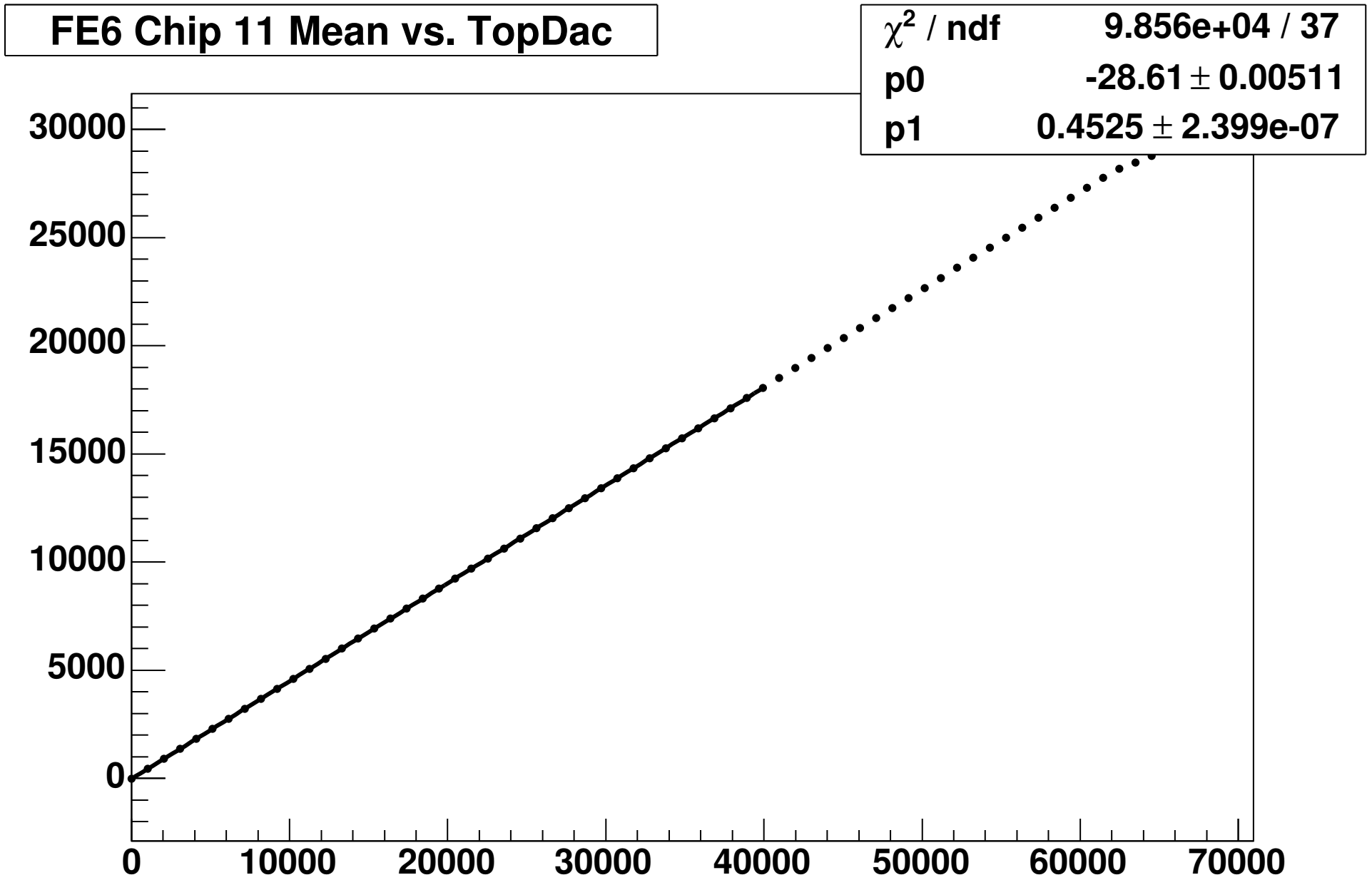
50000
60000
70000


FE6 Chip 11 Rms vs. BotDac
χ² / ndf 36.69 / 37
p0 1.464 ± 0.001768
p1 1.361e-14 ± 3.762e-06
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 11 Mean vs. TopDac
χ² / ndf 9.856e+04 / 37
p0 -28.61 ± 0.00511
p1 0.4525 ± 2.399e-07
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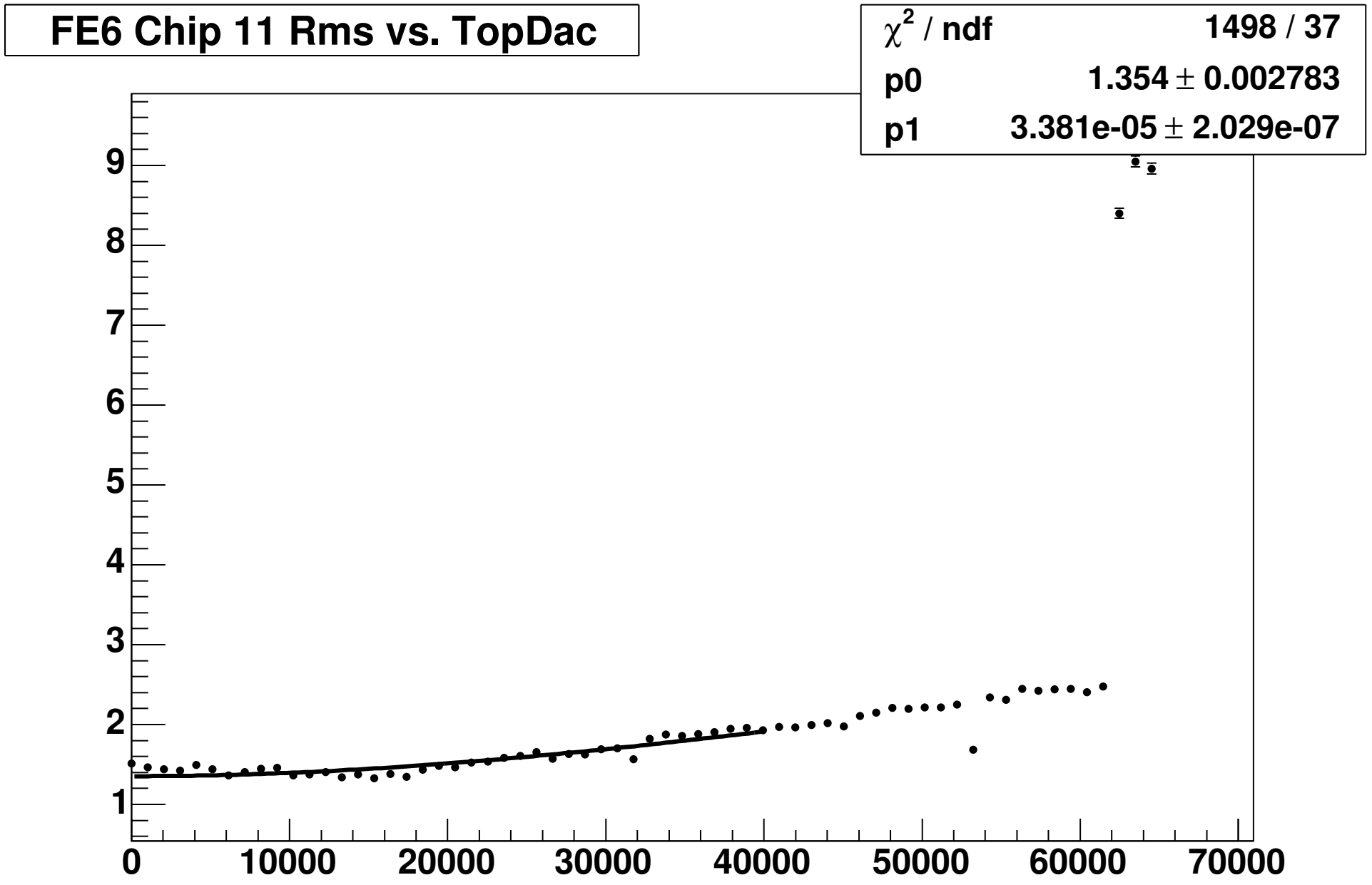
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 11 Rms vs. TopDac
χ² / ndf 1498 / 37
p0 1.354 ± 0.002783
p1 3.381e-05 ± 2.029e-07
9
8
7
6
5
4
3
2
1
0
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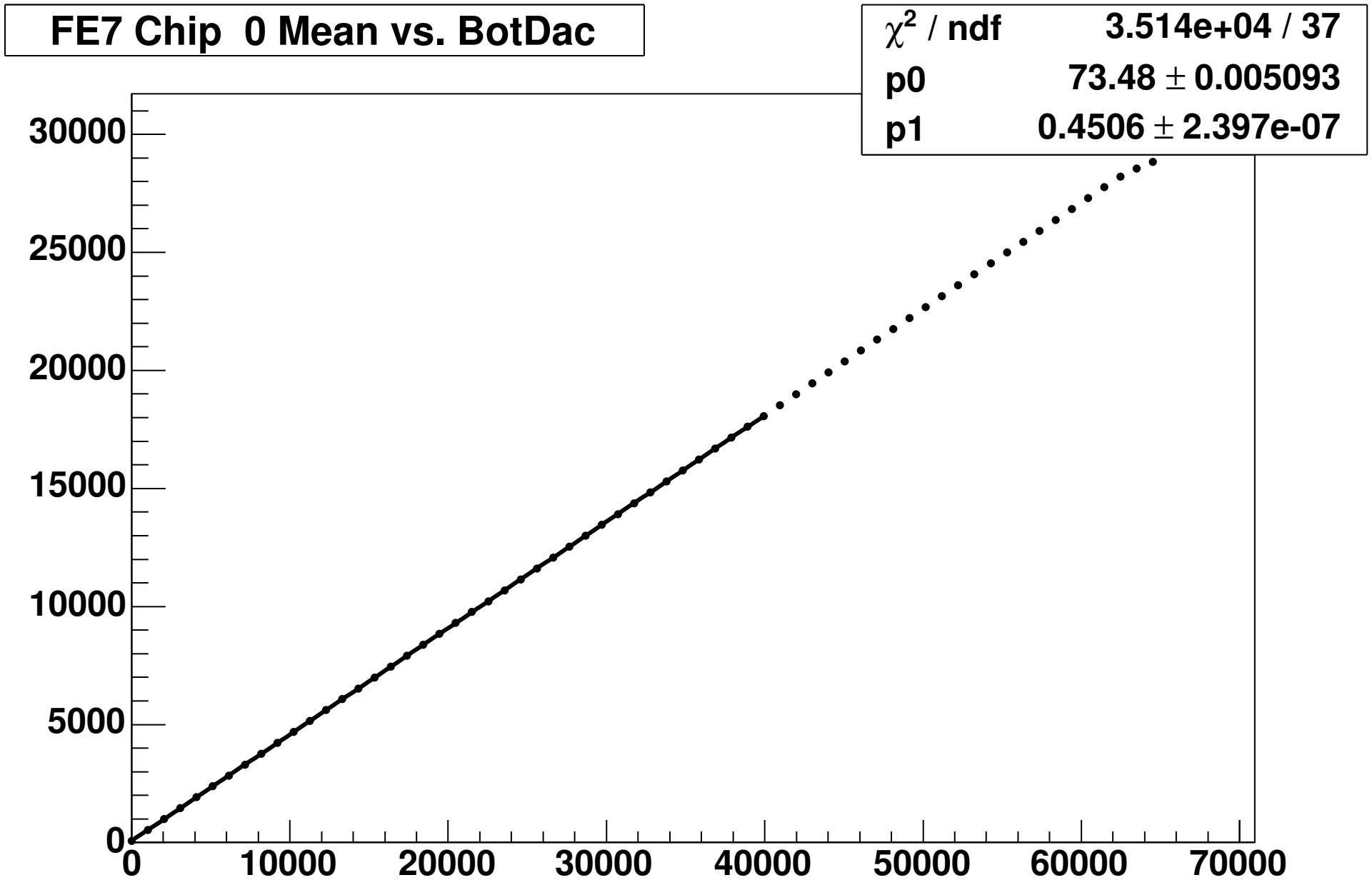
20000
30000
40000
50000
60000
70000


FE7 Chip 0 Mean vs. BotDac
χ² / ndf 3.514e+04 / 37
p0 73.48 ± 0.005093
p1 0.4506 ± 2.397e-07
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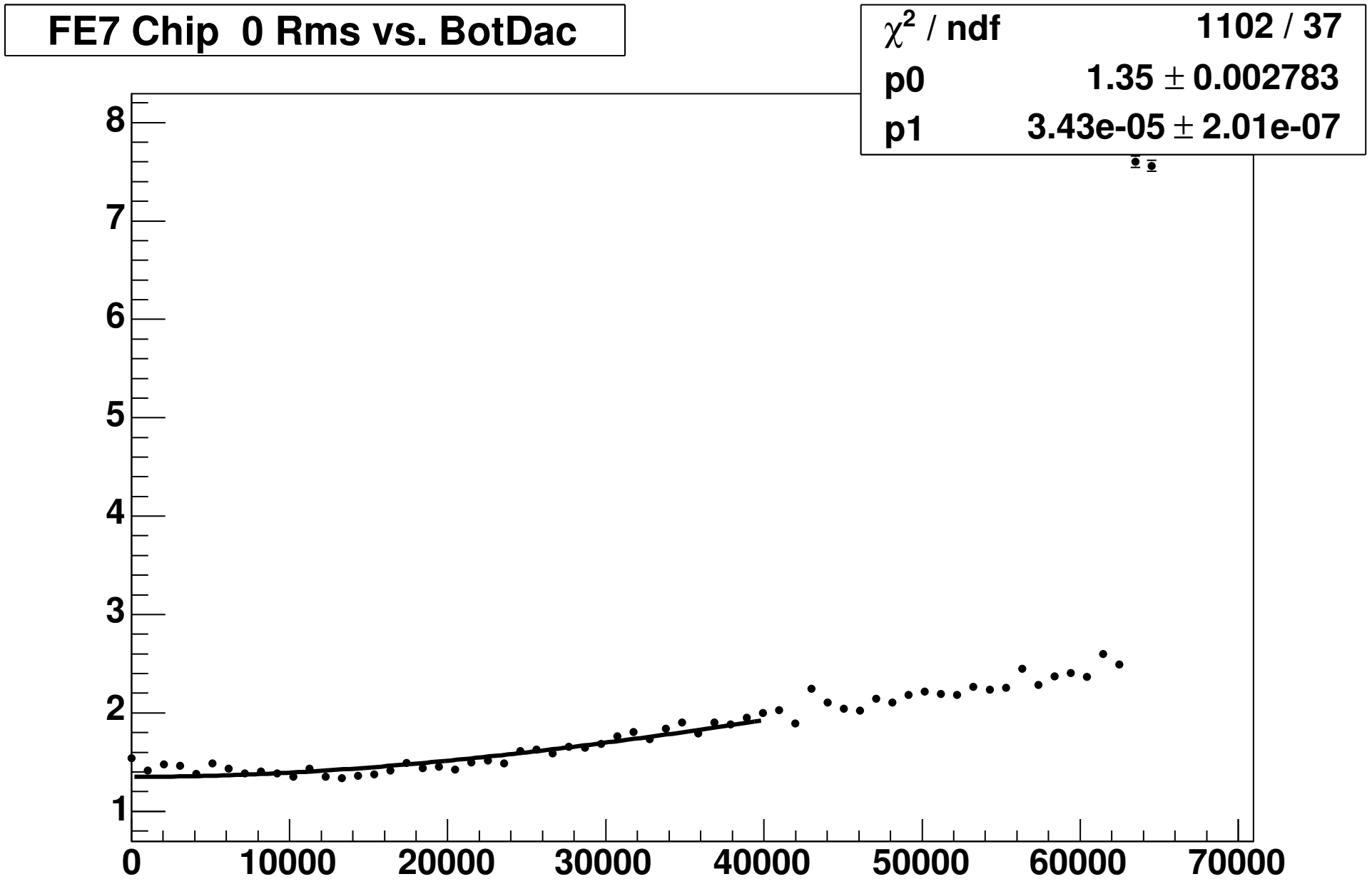
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 0 Rms vs. BotDac
χ² / ndf 1102 / 37
p0 1.35 ± 0.002783
p1 3.43e-05 ± 2.01e-07
8
7
6
5
4
3
2
1
0
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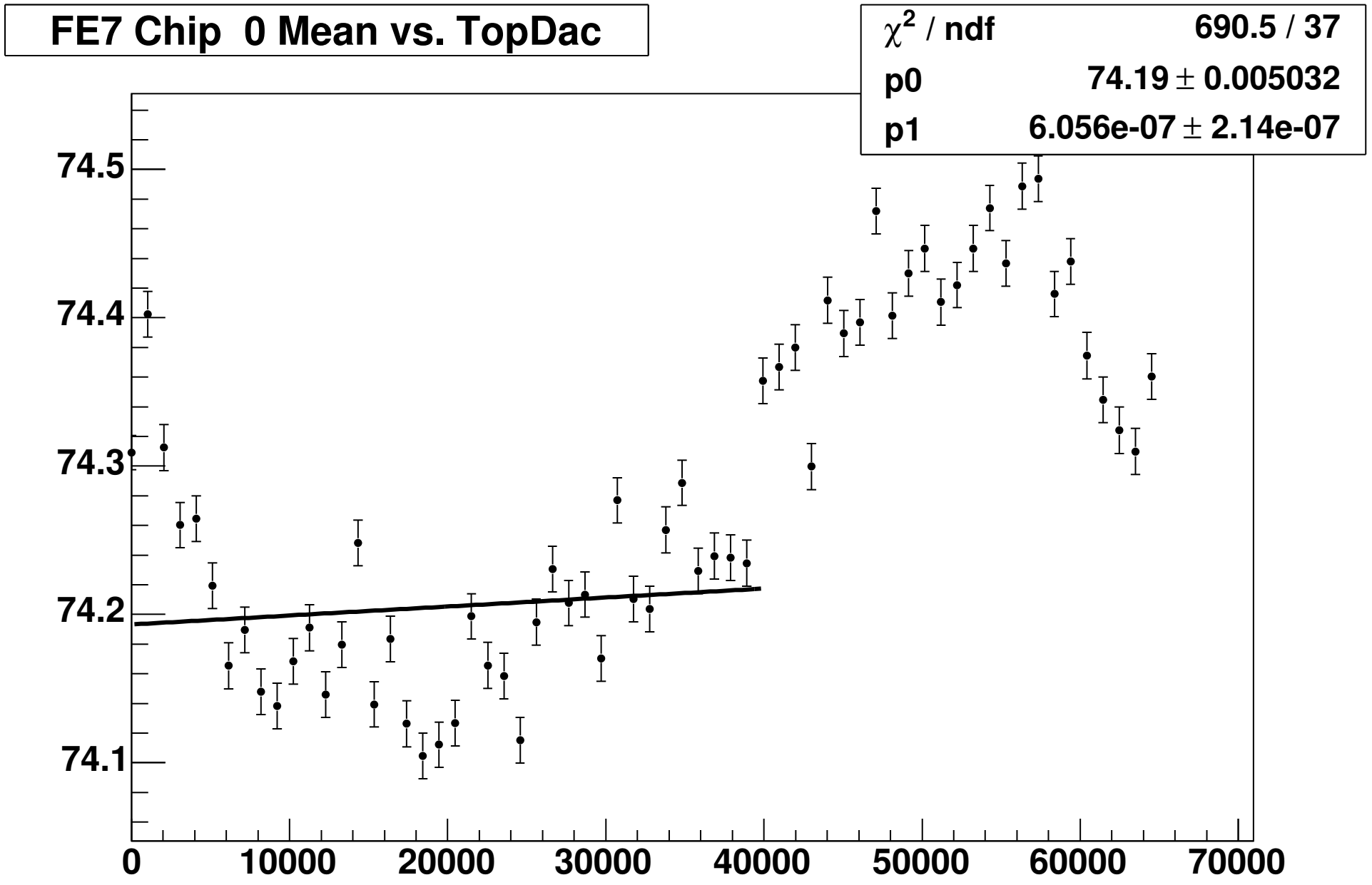
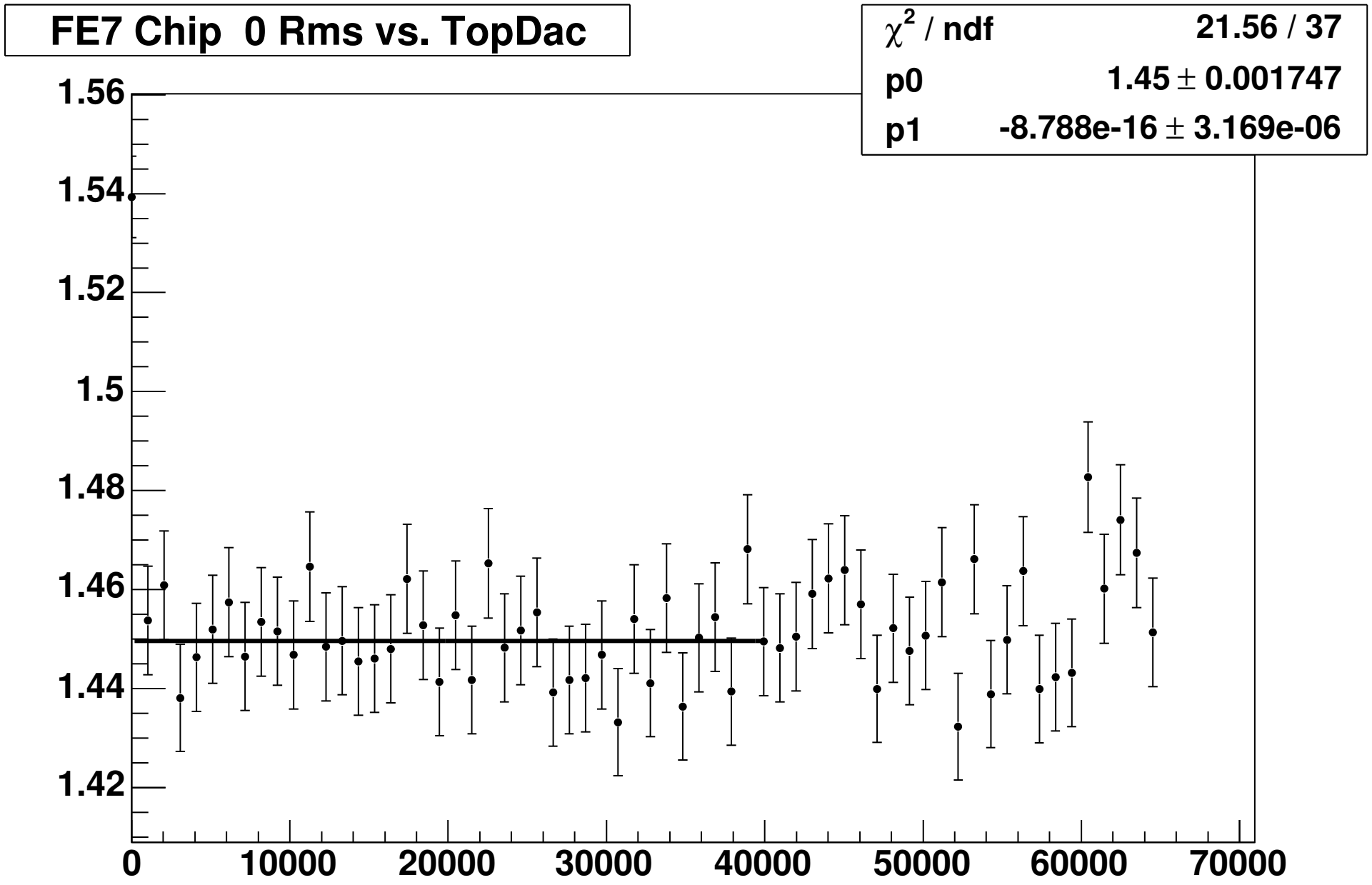
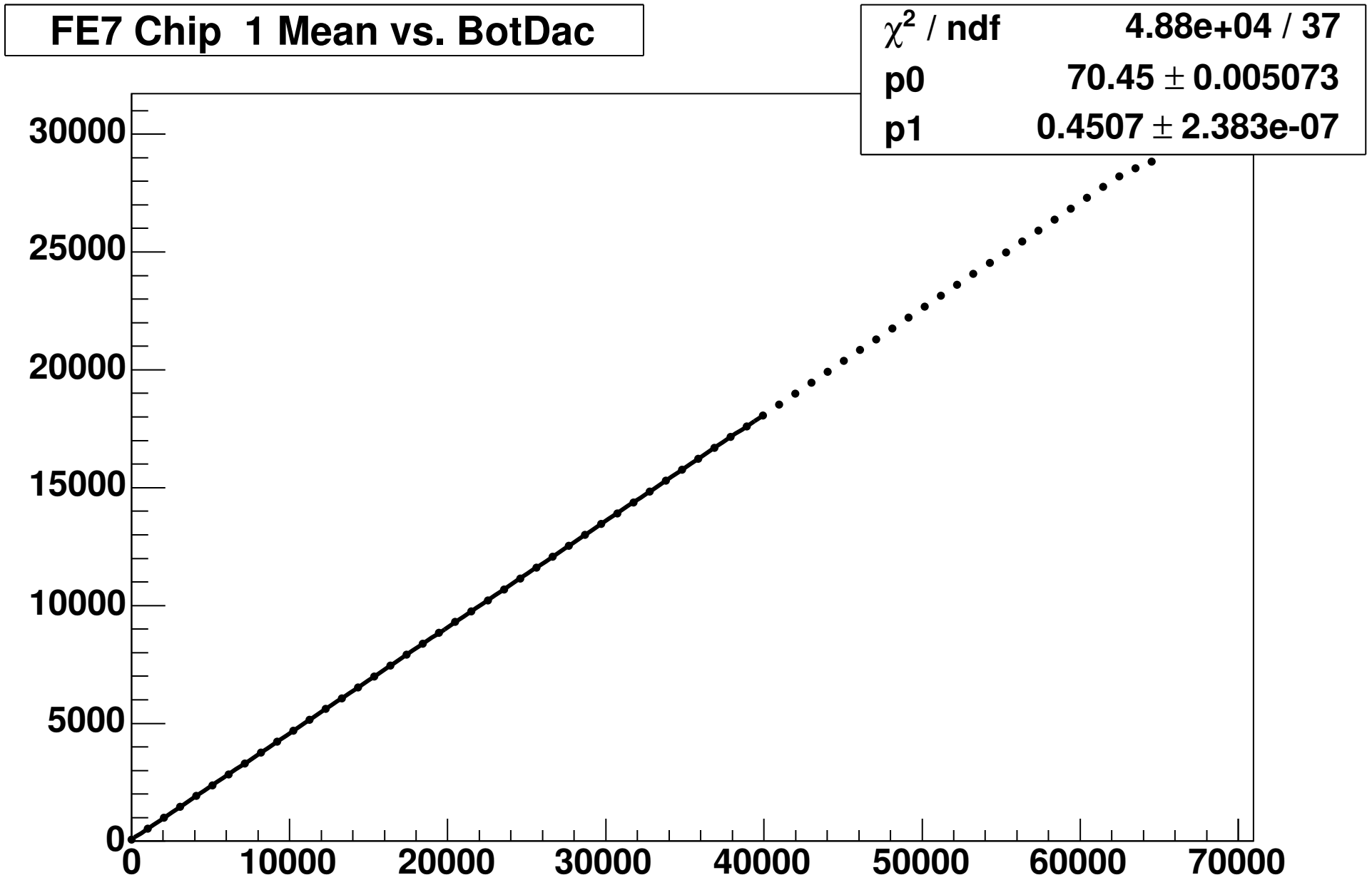
20000
30000
40000
50000
60000
70000


FE7 Chip 0 Mean vs. TopDac
χ² / ndf 690.5 / 37
p0 74.19 ± 0.005032
p1 6.056e-07 ± 2.14e-07
74.5
74.4
74.3
74.2
74.1
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 0 Rms vs. TopDac
χ² / ndf 21.56 / 37
p0 1.45 ± 0.001747
p1 -8.788e-16 ± 3.169e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 1 Mean vs. BotDac
χ² / ndf 4.88e+04 / 37
p0 70.45 ± 0.005073
p1 0.4507 ± 2.383e-07
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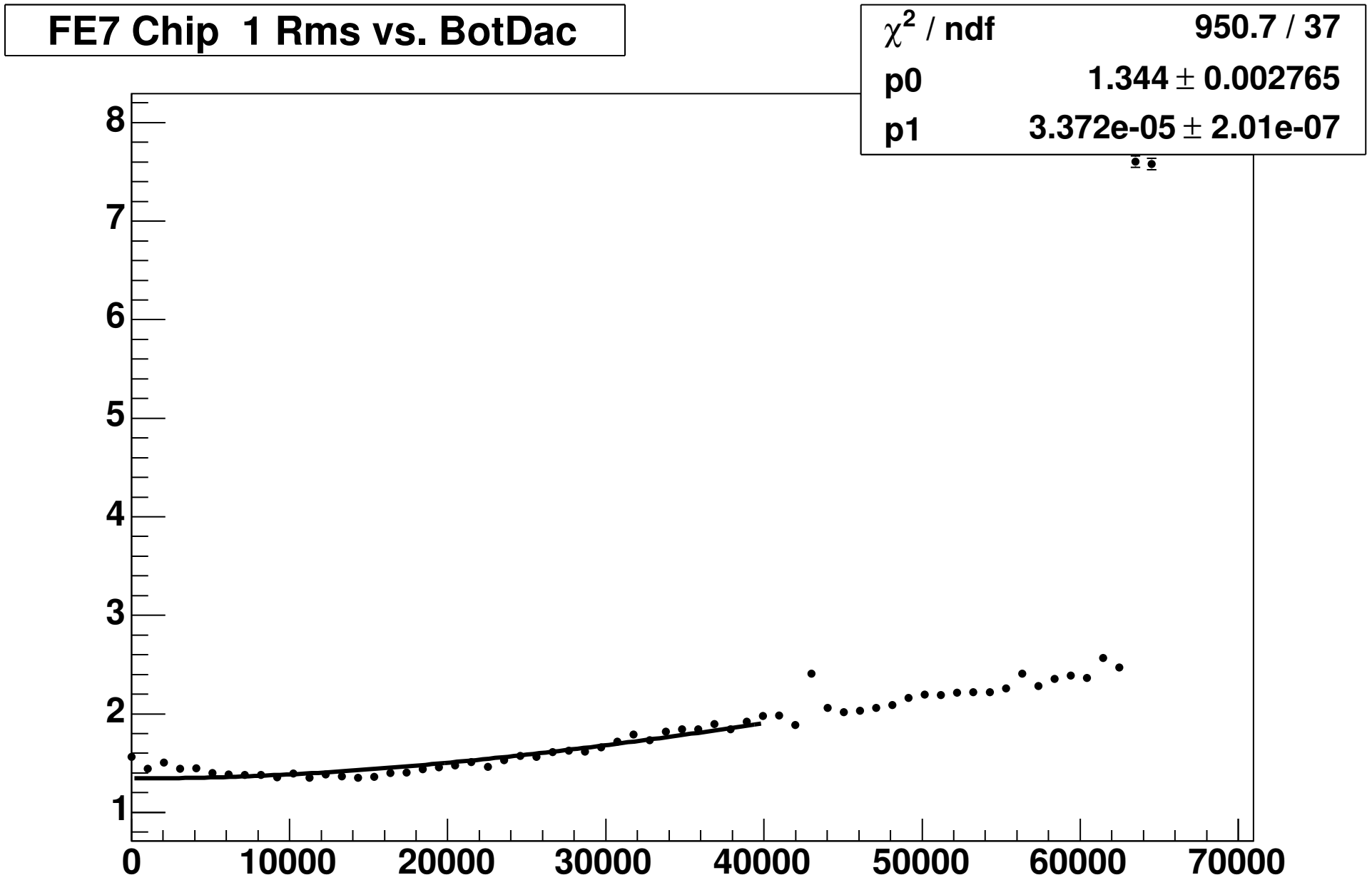
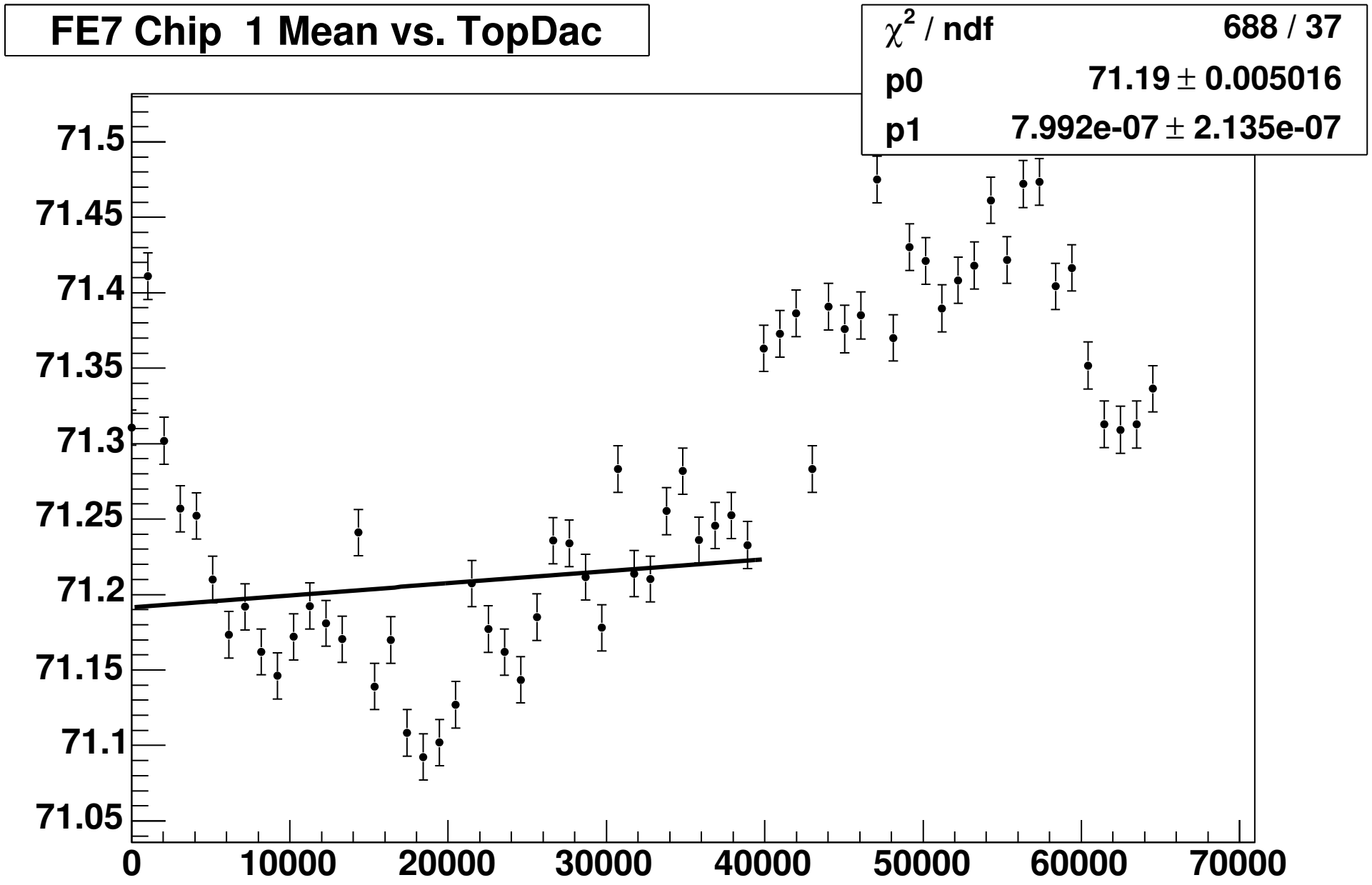
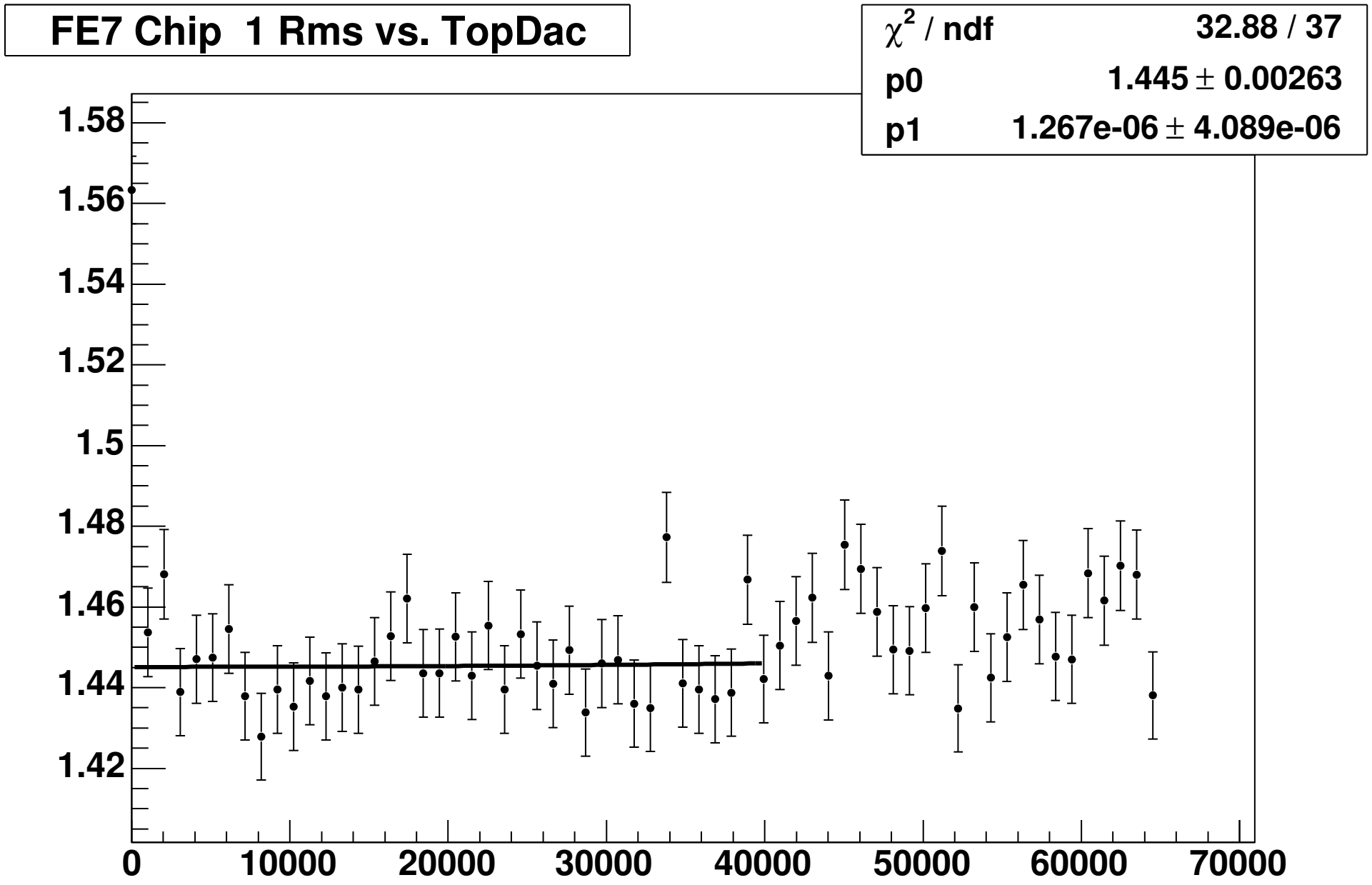
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 1 Rms vs. BotDac
χ² / ndf 950.7 / 37
p0 1.344 ± 0.002765
p1 3.372e-05 ± 2.01e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 1 Mean vs. TopDac
χ² / ndf 688 / 37
p0 71.19 ± 0.005016
p1 7.992e-07 ± 2.135e-07
71.5
71.45
71.4
71.35
71.3
71.25
71.2
71.15
71.1
71.05
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 1 Rms vs. TopDac
χ² / ndf 32.88 / 37
p0 1.445 ± 0.00263
p1 1.267e-06 ± 4.089e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
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20000
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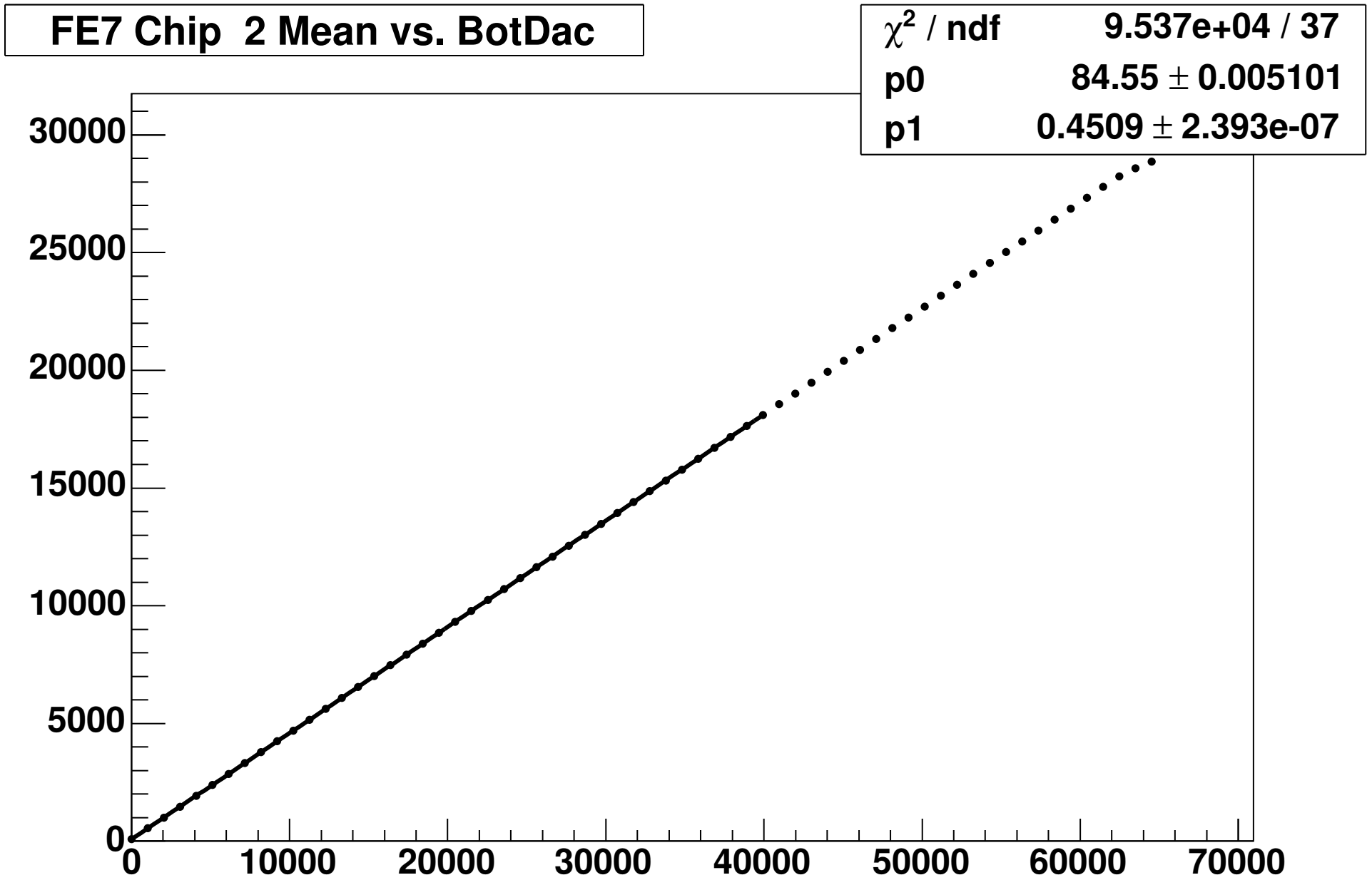
FE7 Chip 2 Mean vs. BotDac
χ² / ndf 9.537e+04 / 37
p0 84.55 ± 0.005101
p1 0.4509 ± 2.393e-07
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25000
20000
15000
10000
5000
0
0
10000
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30000
40000
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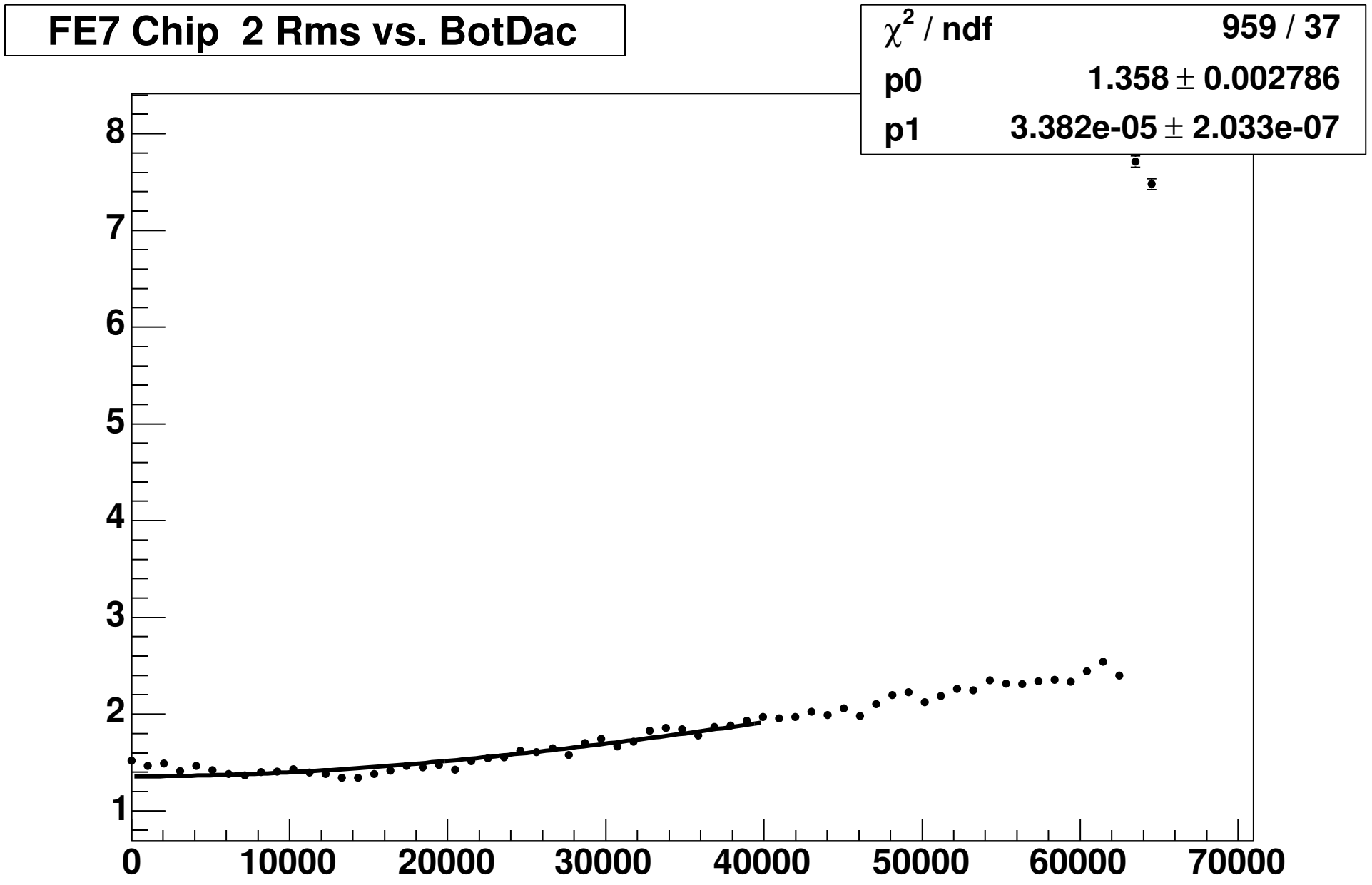
70000


FE7 Chip 2 Rms vs. BotDac
χ² / ndf 959 / 37
p0 1.358 ± 0.002786
p1 3.382e-05 ± 2.033e-07
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7
6
5
4
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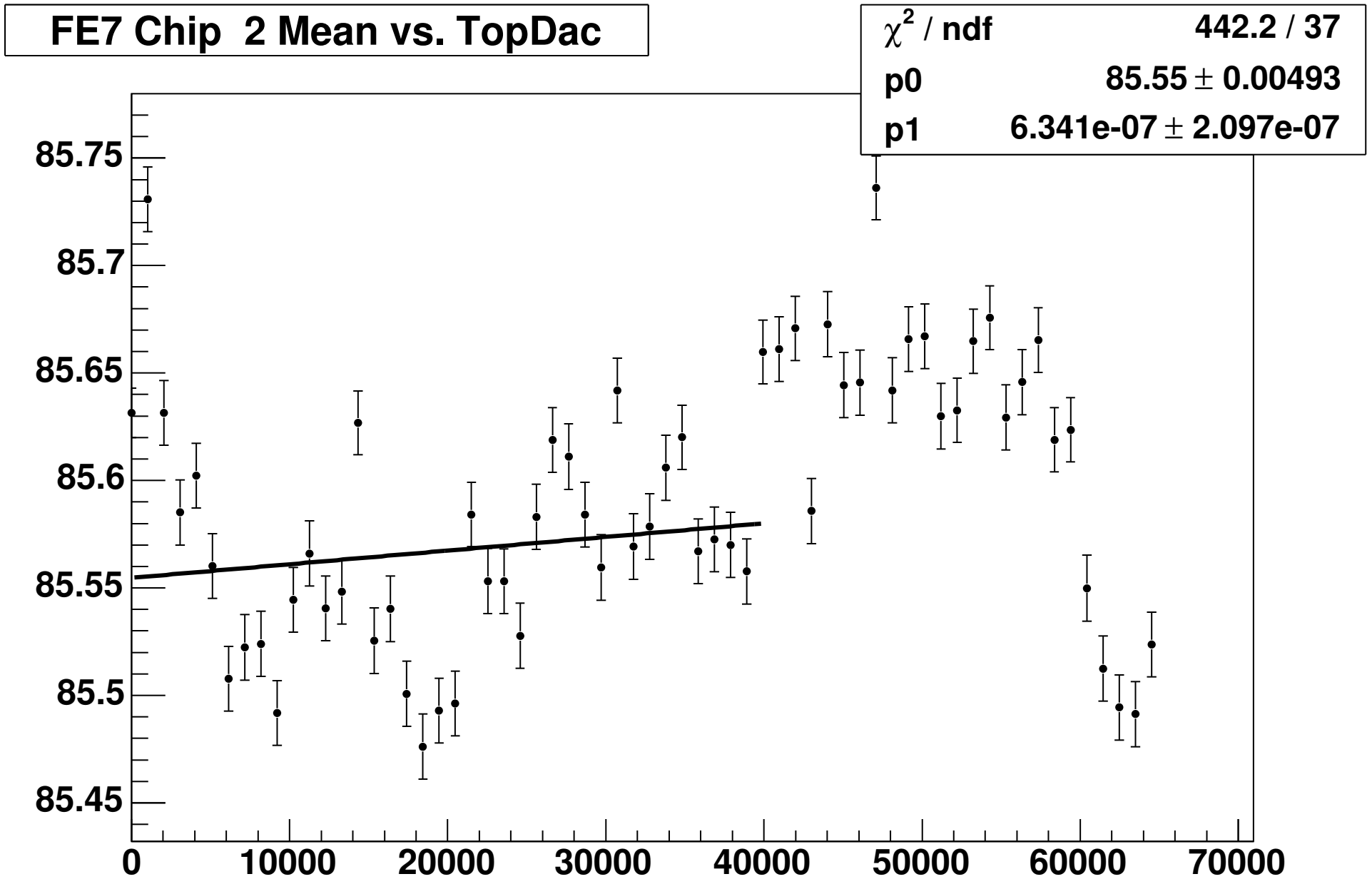
FE7 Chip 2 Mean vs. TopDac
χ² / ndf 442.2 / 37
p0 85.55 ± 0.00493
p1 6.341e-07 ± 2.097e-07
85.75
85.7
85.65
85.6
85.55
85.5
85.45
0
10000
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40000
50000
60000
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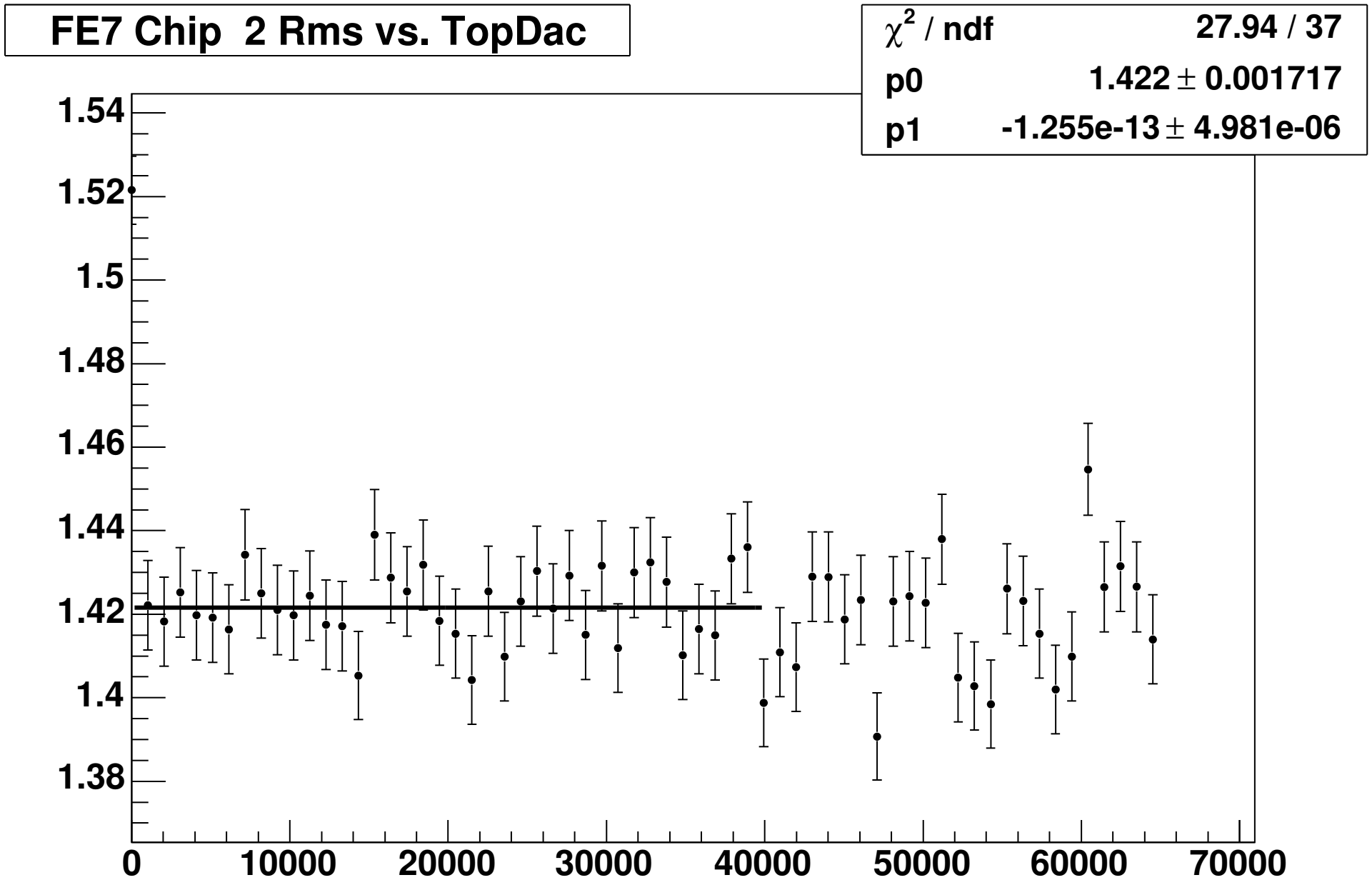
FE7 Chip 2 Rms vs. TopDac
χ² / ndf 27.94 / 37
p0 1.422 ± 0.001717
p1 -1.255e-13 ± 4.981e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
0
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20000
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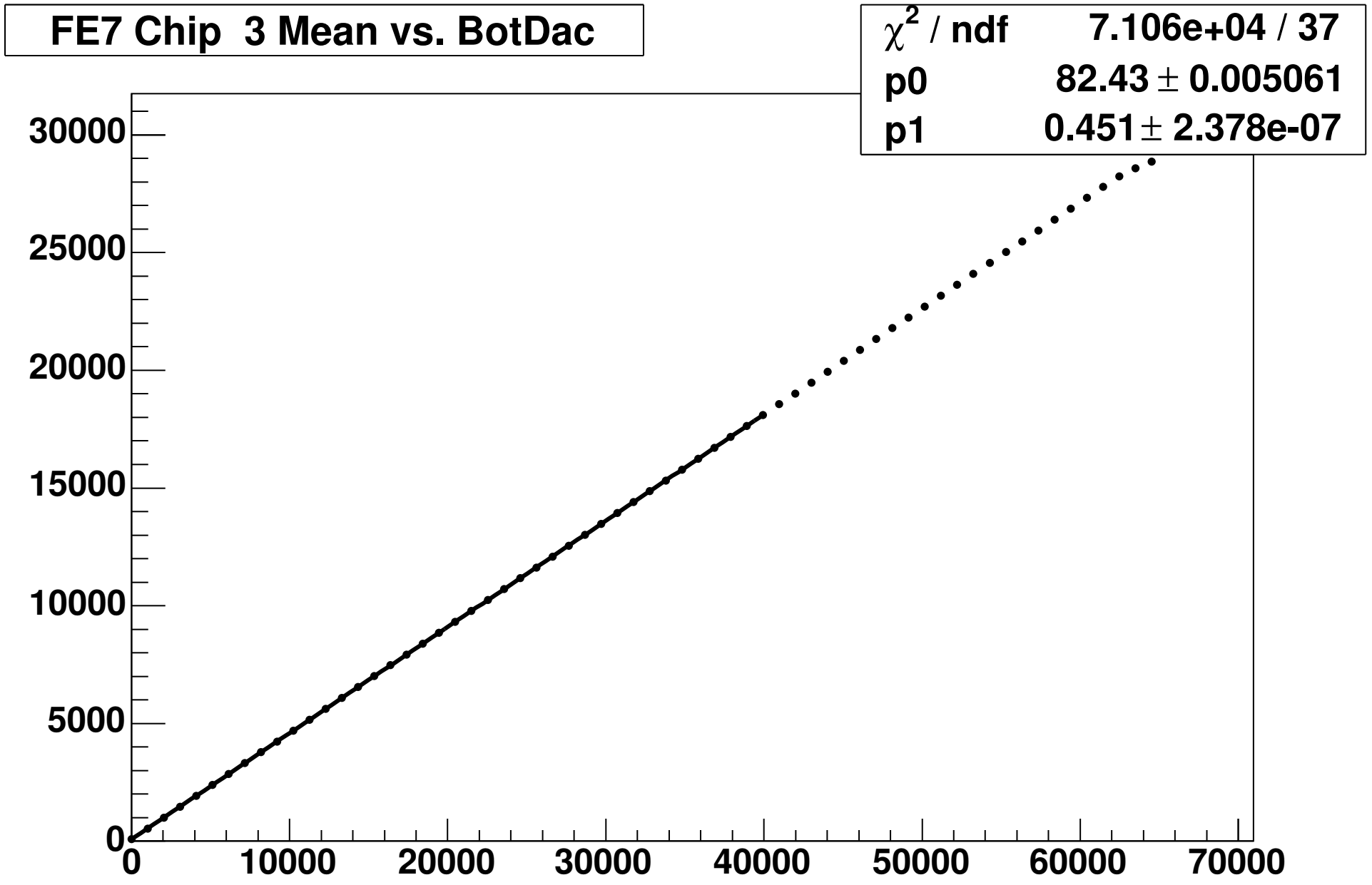
FE7 Chip 3 Mean vs. BotDac
χ² / ndf 7.106e+04 / 37
p0 82.43 ± 0.005061
p1 0.451 ± 2.378e-07
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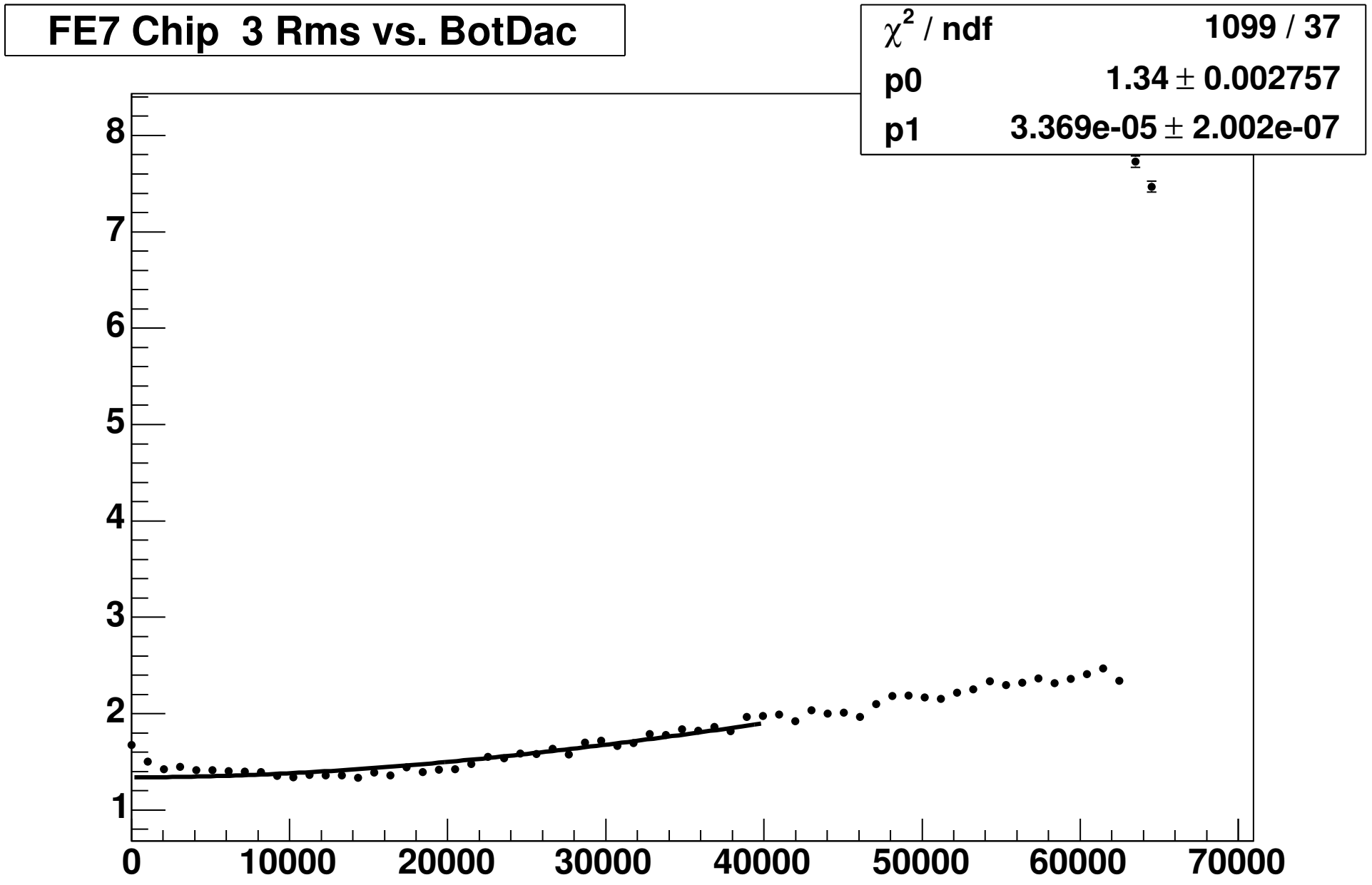
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 3 Rms vs. BotDac
χ² / ndf 1099 / 37
p0 1.34 ± 0.002757
p1 3.369e-05 ± 2.002e-07
8
7
6
5
4
3
2
1
0
10000
20000
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60000
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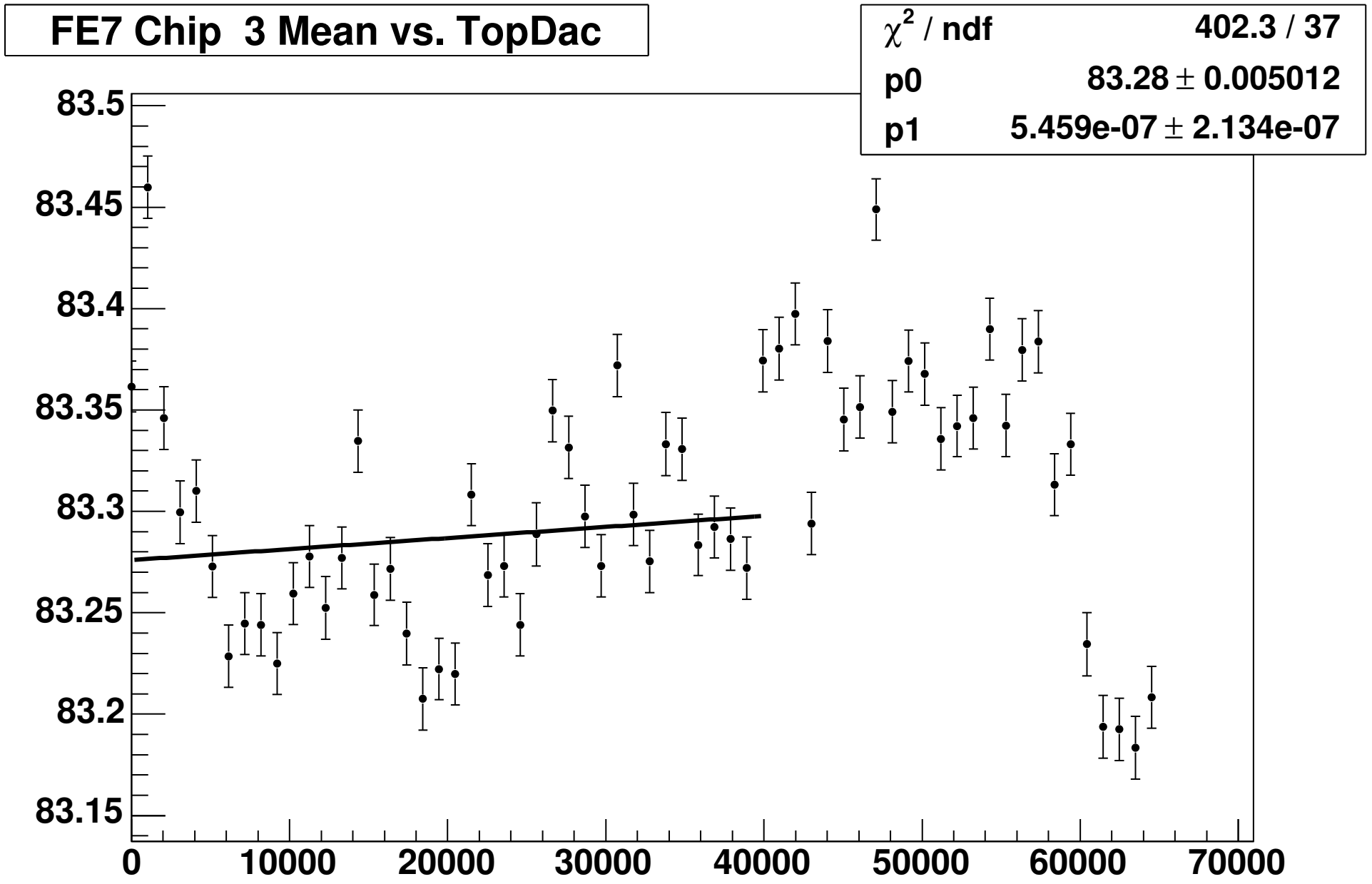
FE7 Chip 3 Mean vs. TopDac
χ² / ndf 402.3 / 37
p0 83.28 ± 0.005012
p1 5.459e-07 ± 2.134e-07
83.5
83.45
83.4
83.35
83.3
83.25
83.2
83.15
0
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20000
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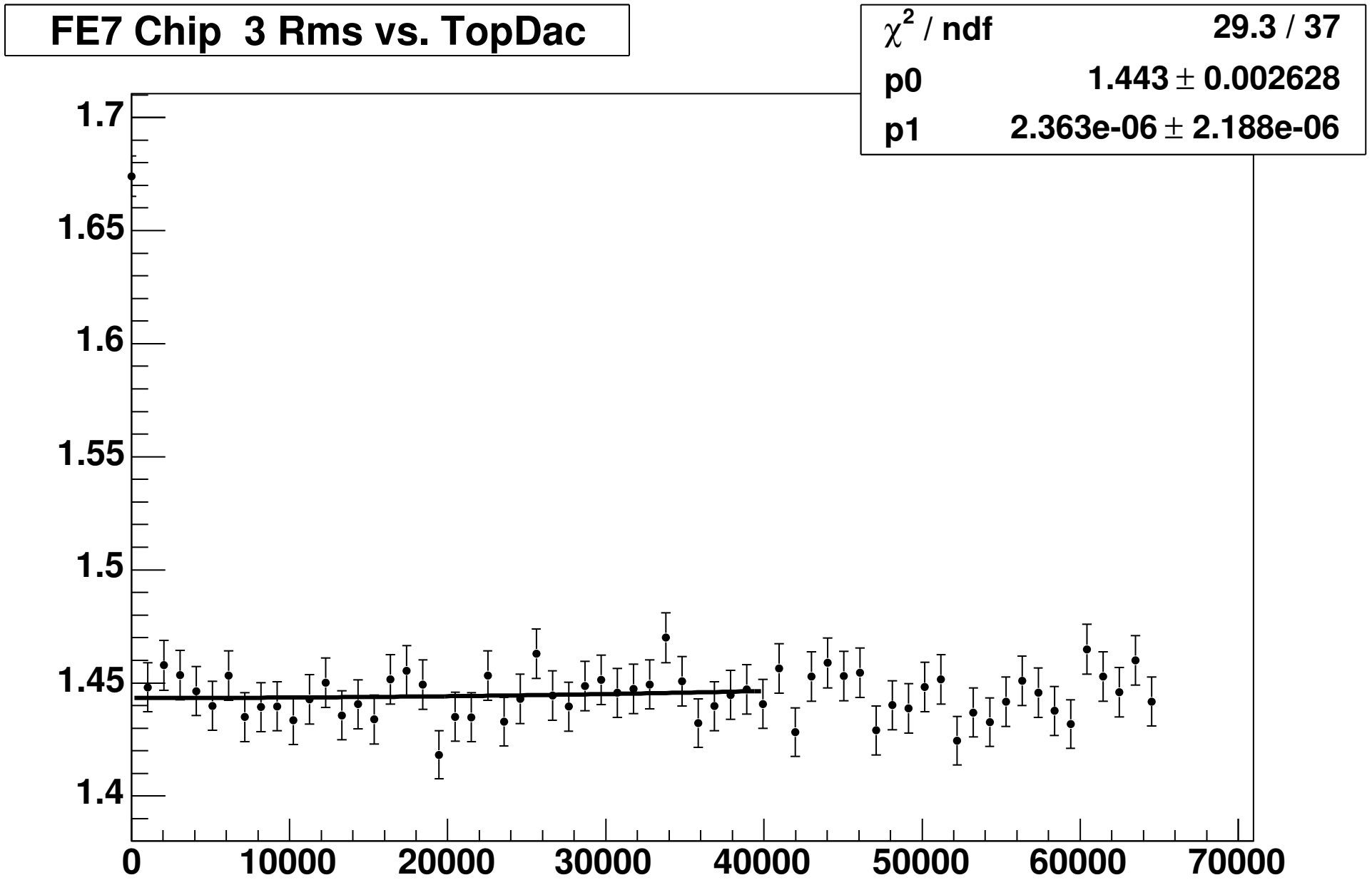
FE7 Chip 3 Rms vs. TopDac
χ² / ndf 29.3 / 37
p0 1.443 ± 0.002628
p1 2.363e-06 ± 2.188e-06
1.7
1.65
1.6
1.55
1.5
1.45
1.4
0
10000
20000
30000
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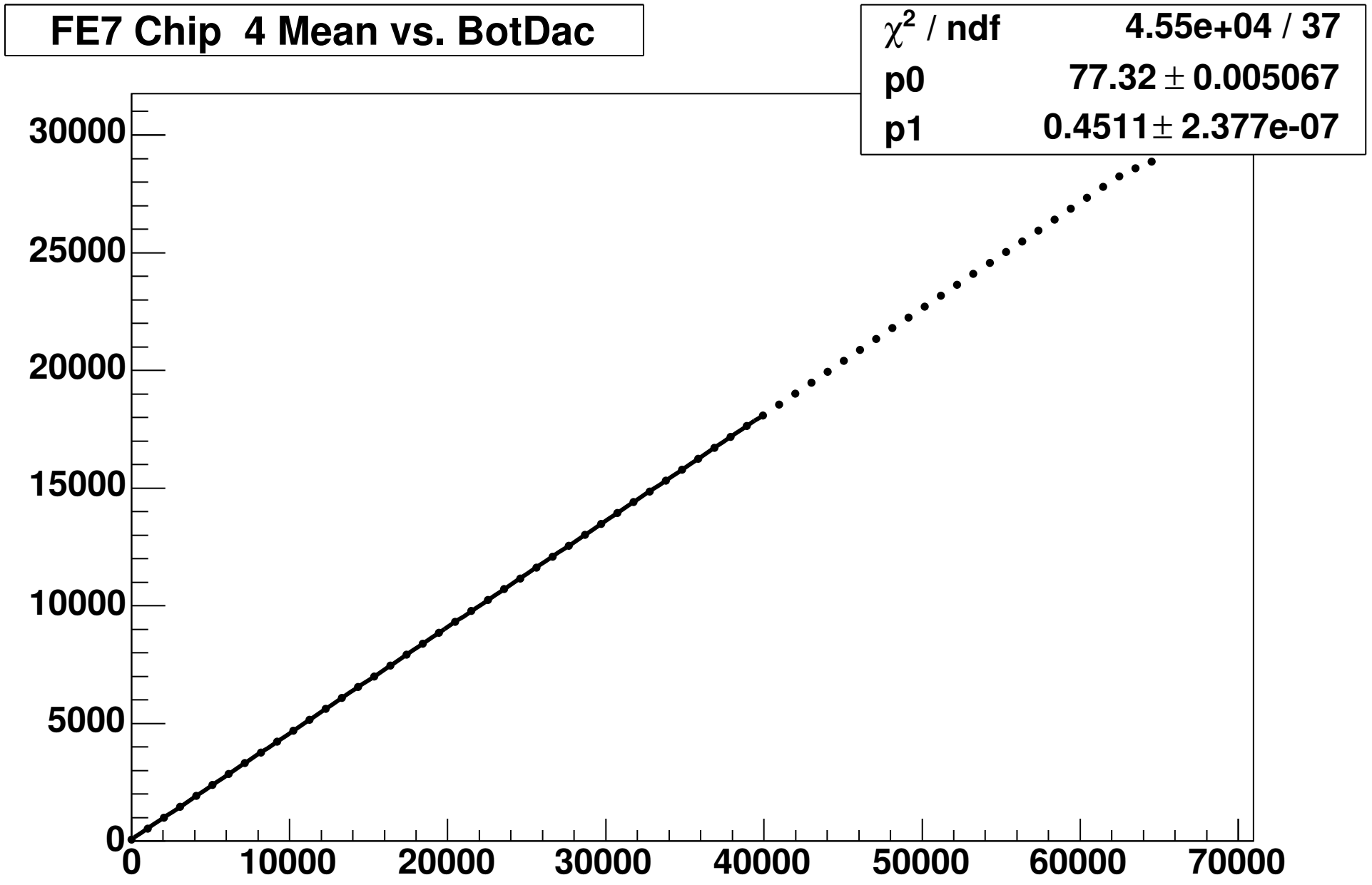
60000
70000


FE7 Chip 4 Mean vs. BotDac
χ² / ndf 4.55e+04 / 37
p0 77.32 ± 0.005067
p1 0.4511 ± 2.377e-07
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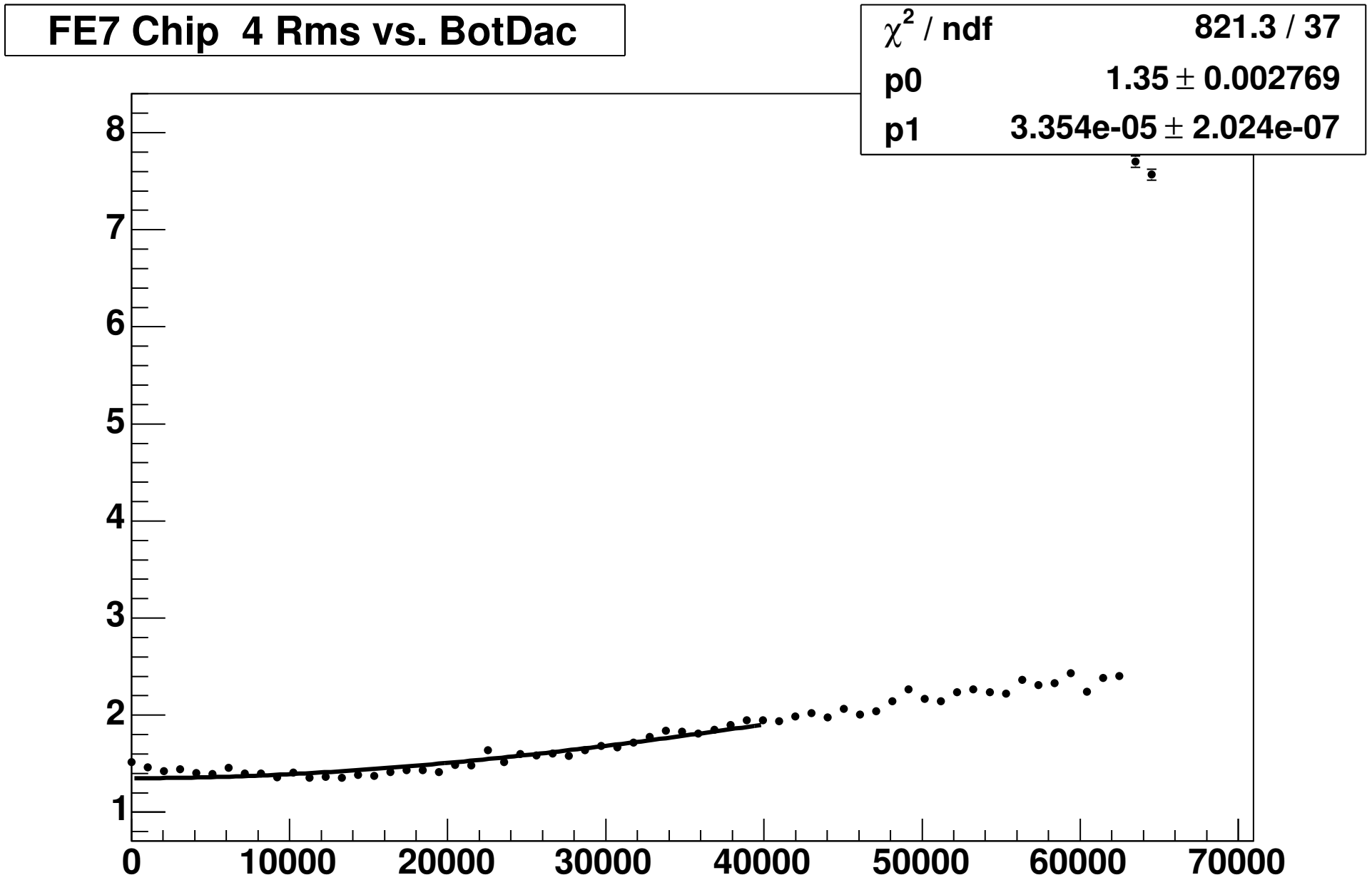
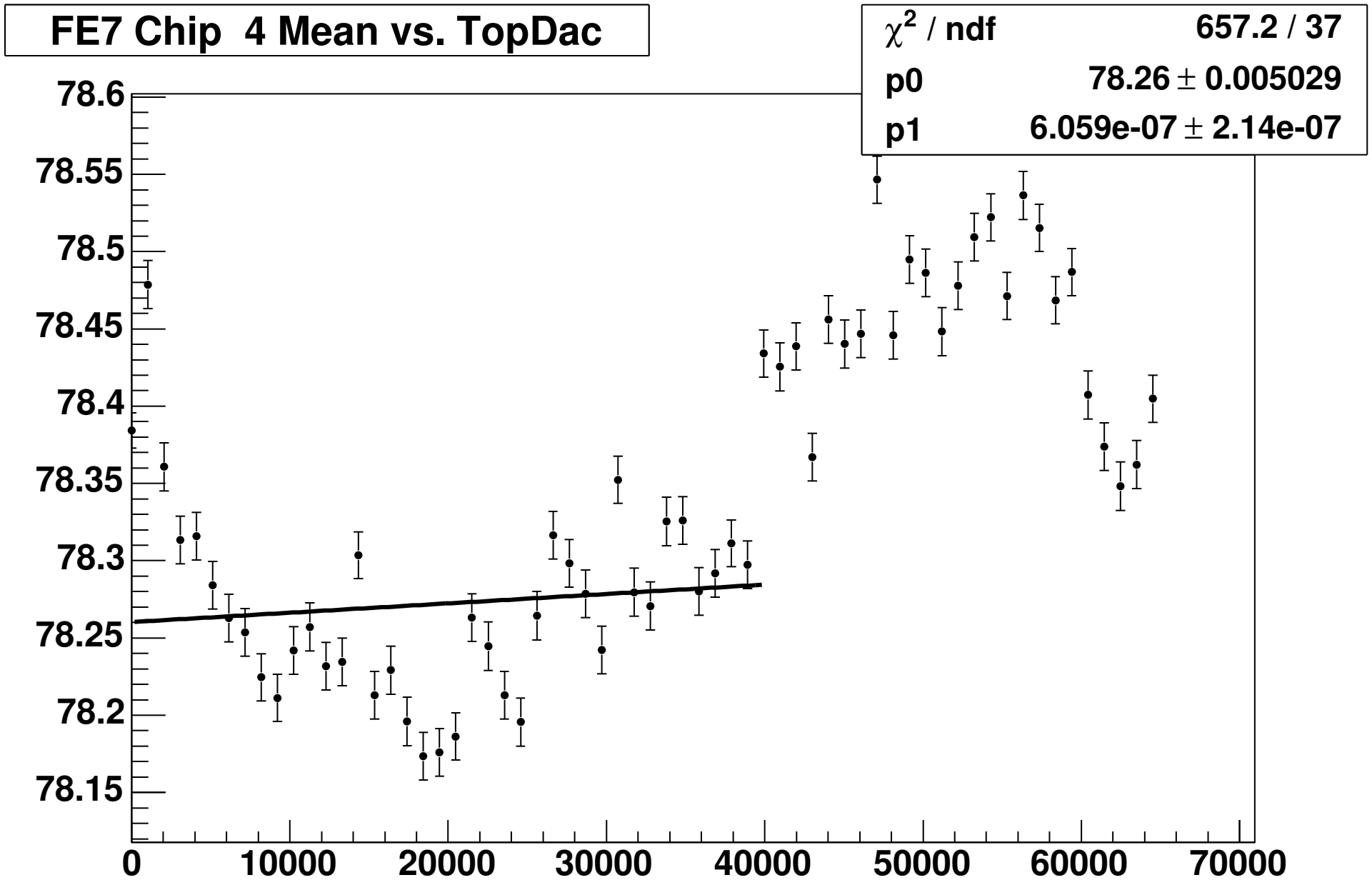
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 4 Rms vs. BotDac
χ² / ndf 821.3 / 37
p0 1.35 ± 0.002769
p1 3.354e-05 ± 2.024e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 4 Mean vs. TopDac
χ² / ndf 657.2 / 37
p0 78.26 ± 0.005029
p1 6.059e-07 ± 2.14e-07
78.6
78.55
78.5
78.45
78.4
78.35
78.3
78.25
78.2
78.15
0
10000
20000
30000
40000
50000
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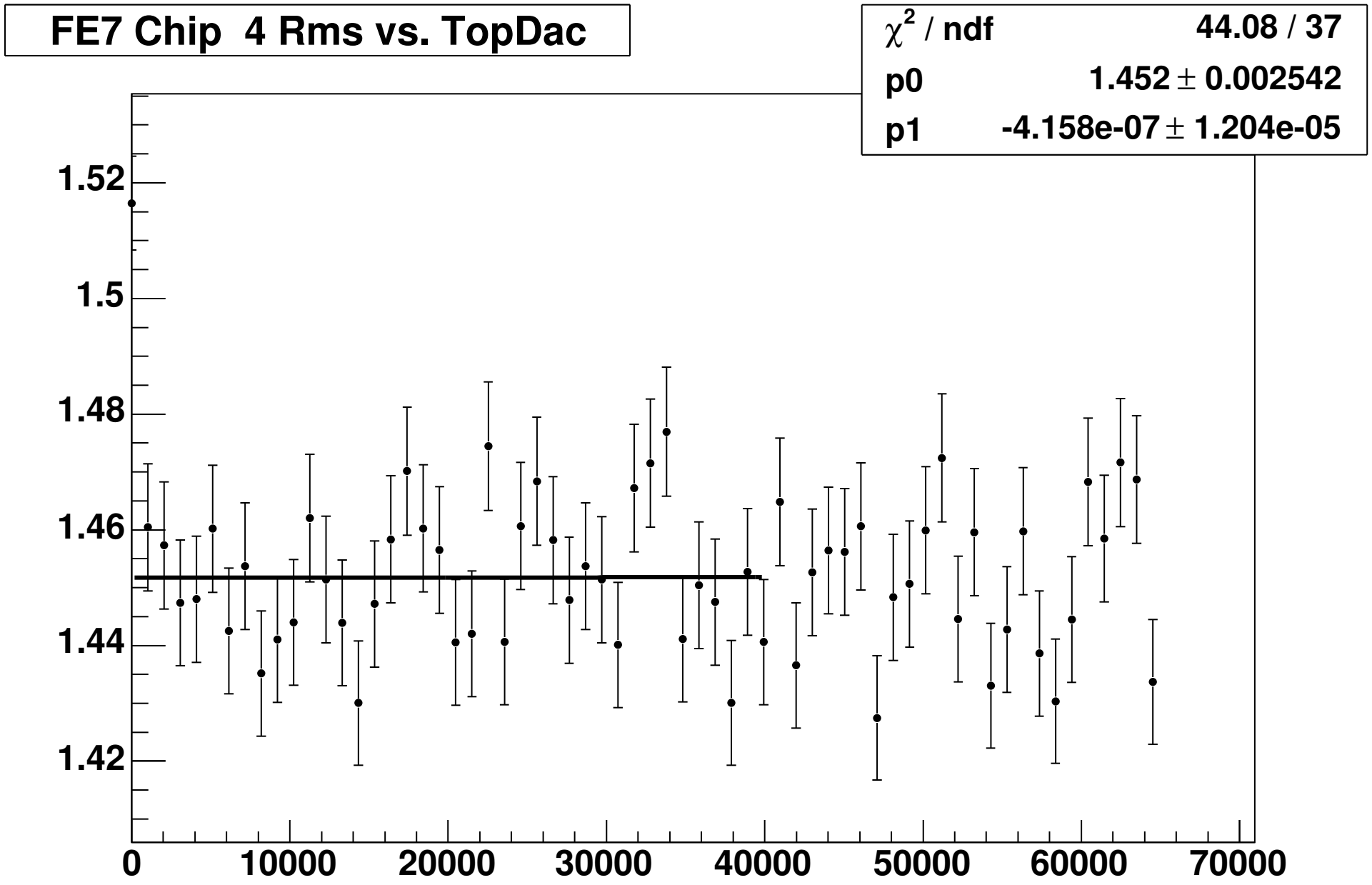
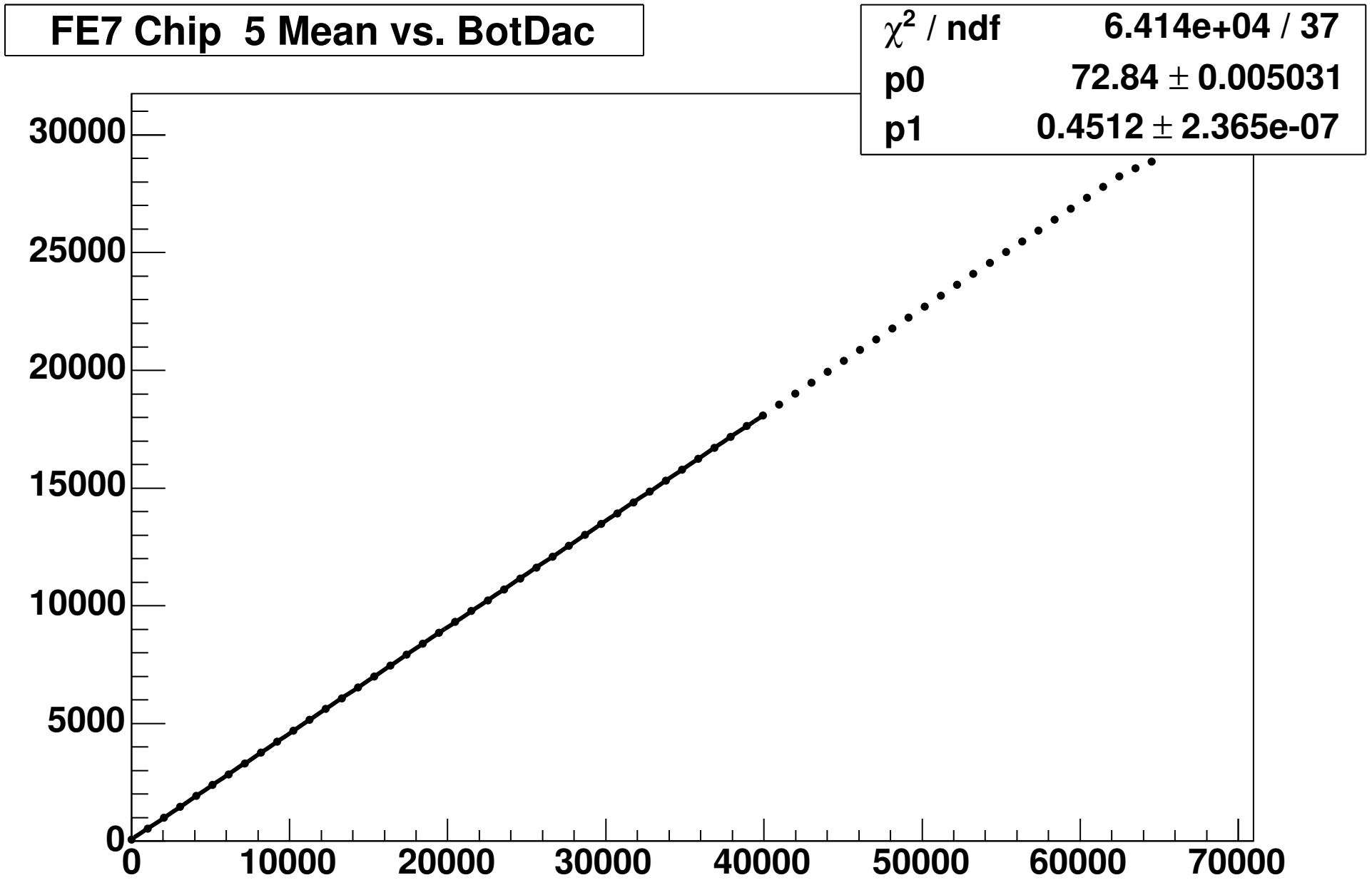
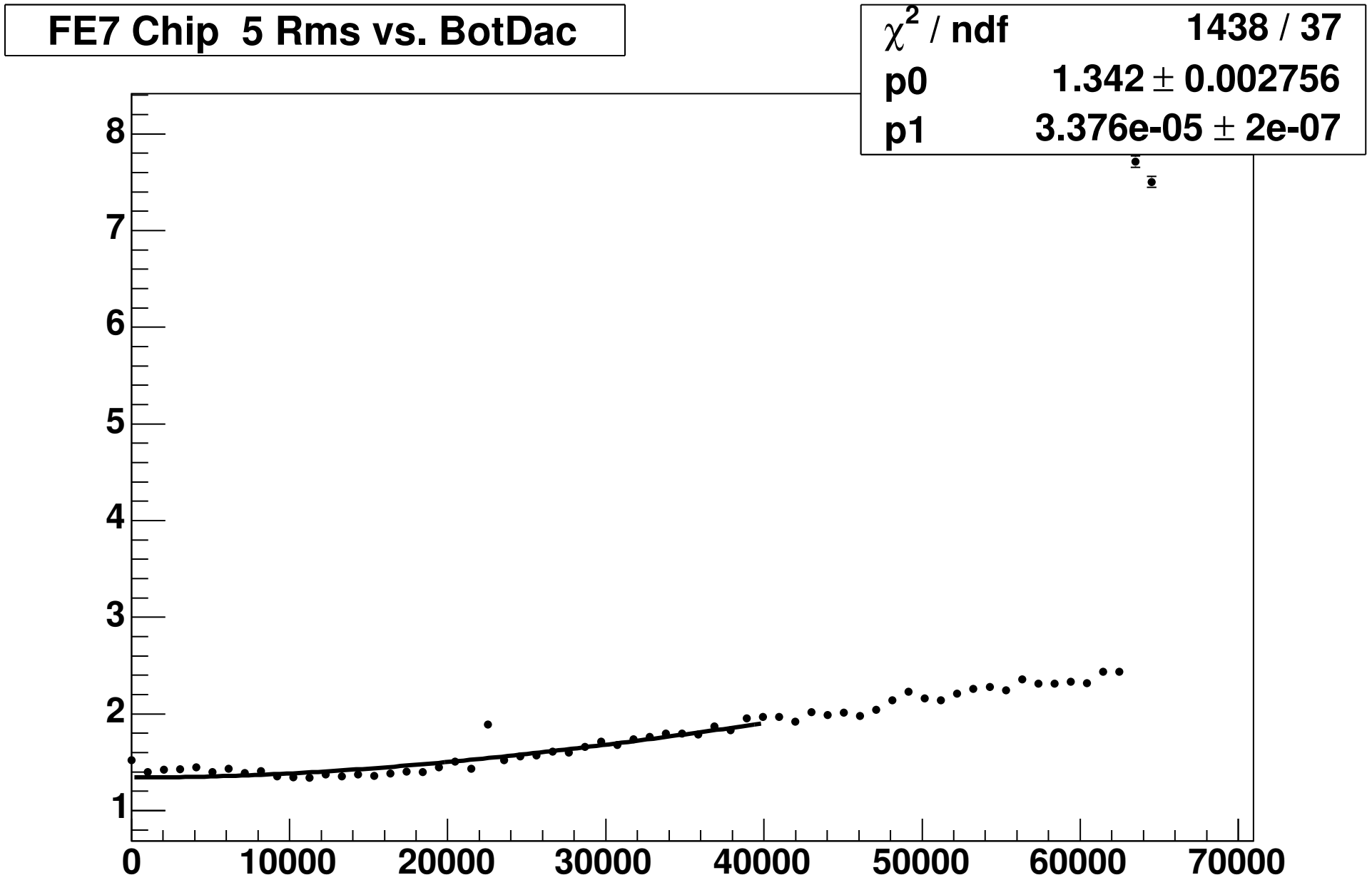
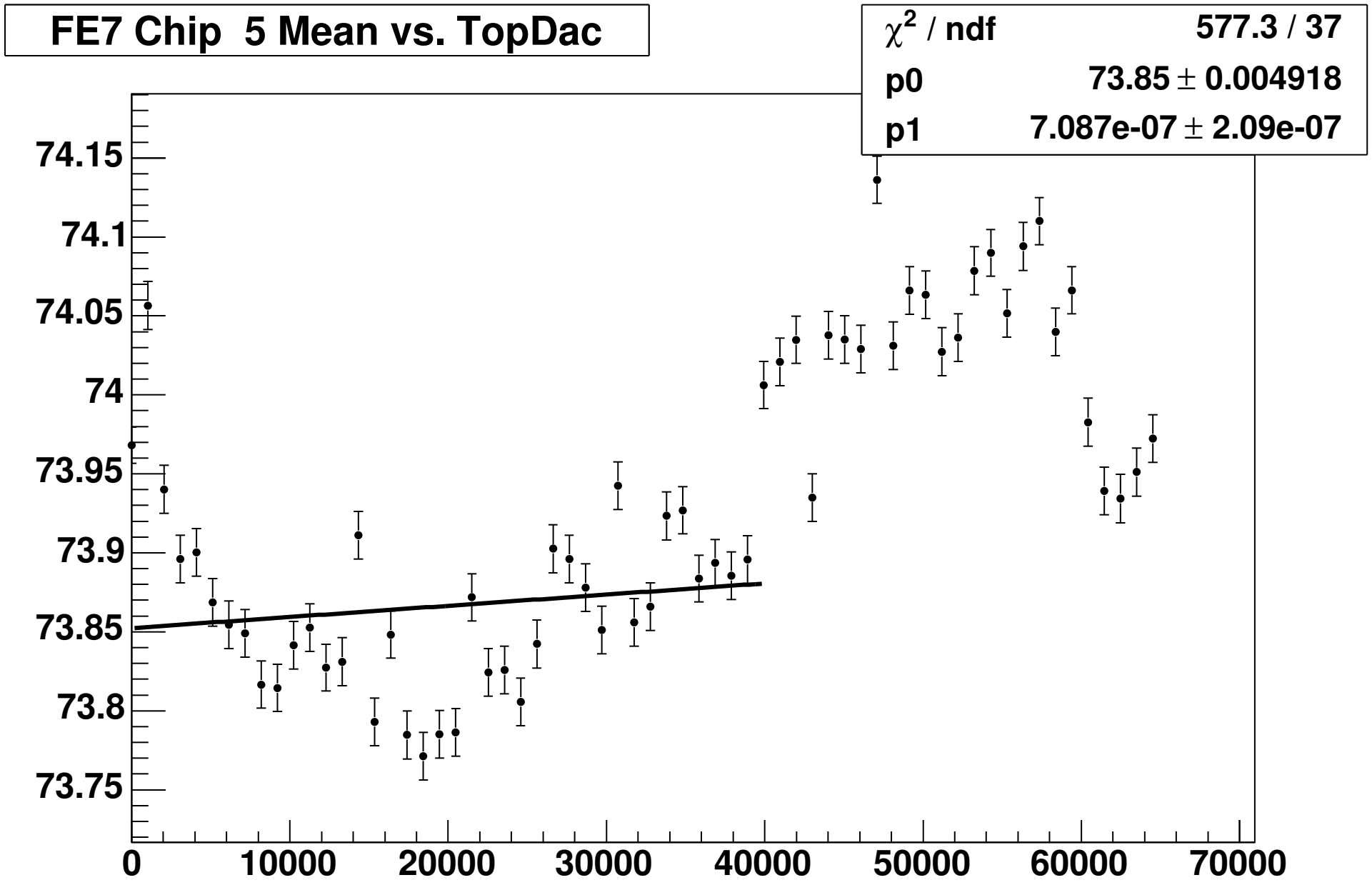
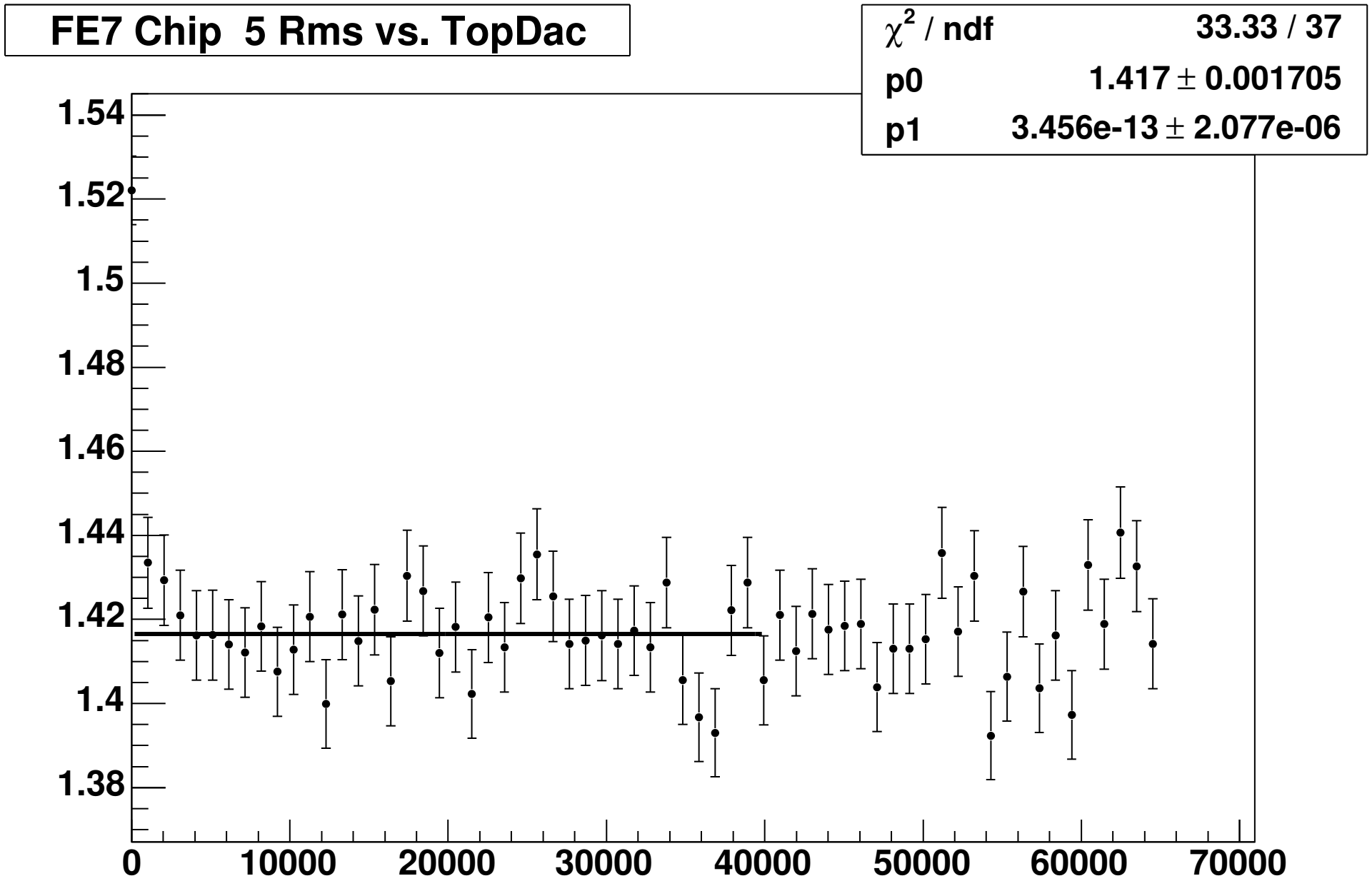
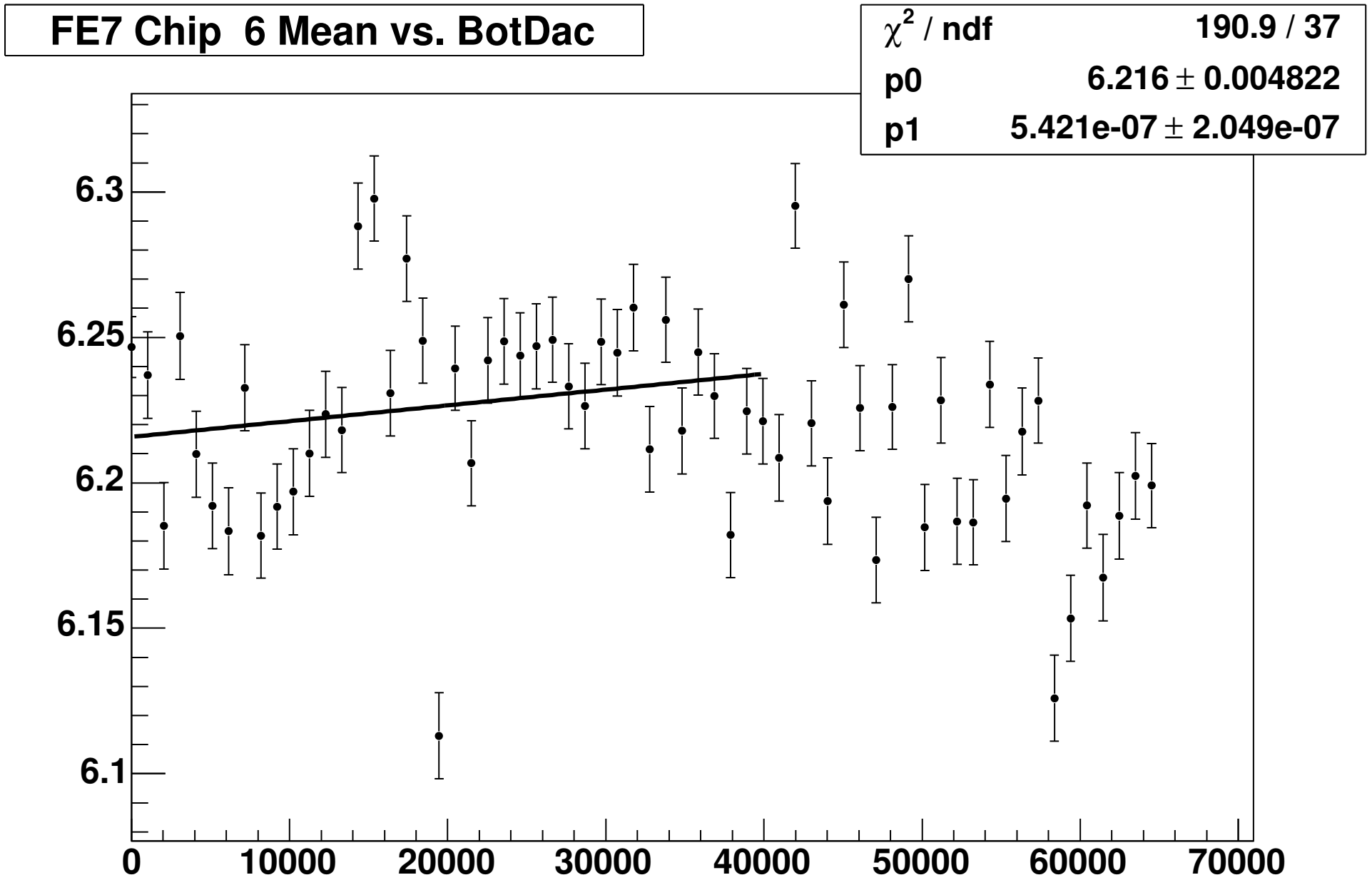

FE7 Chip 4 Rms vs. TopDac
χ^2 / ndf 44.08 / 37
p0 1.452 ± 0.002542
p1 -4.158e-07 ± 1.204e-05
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
30000
40000
50000
60000
70000

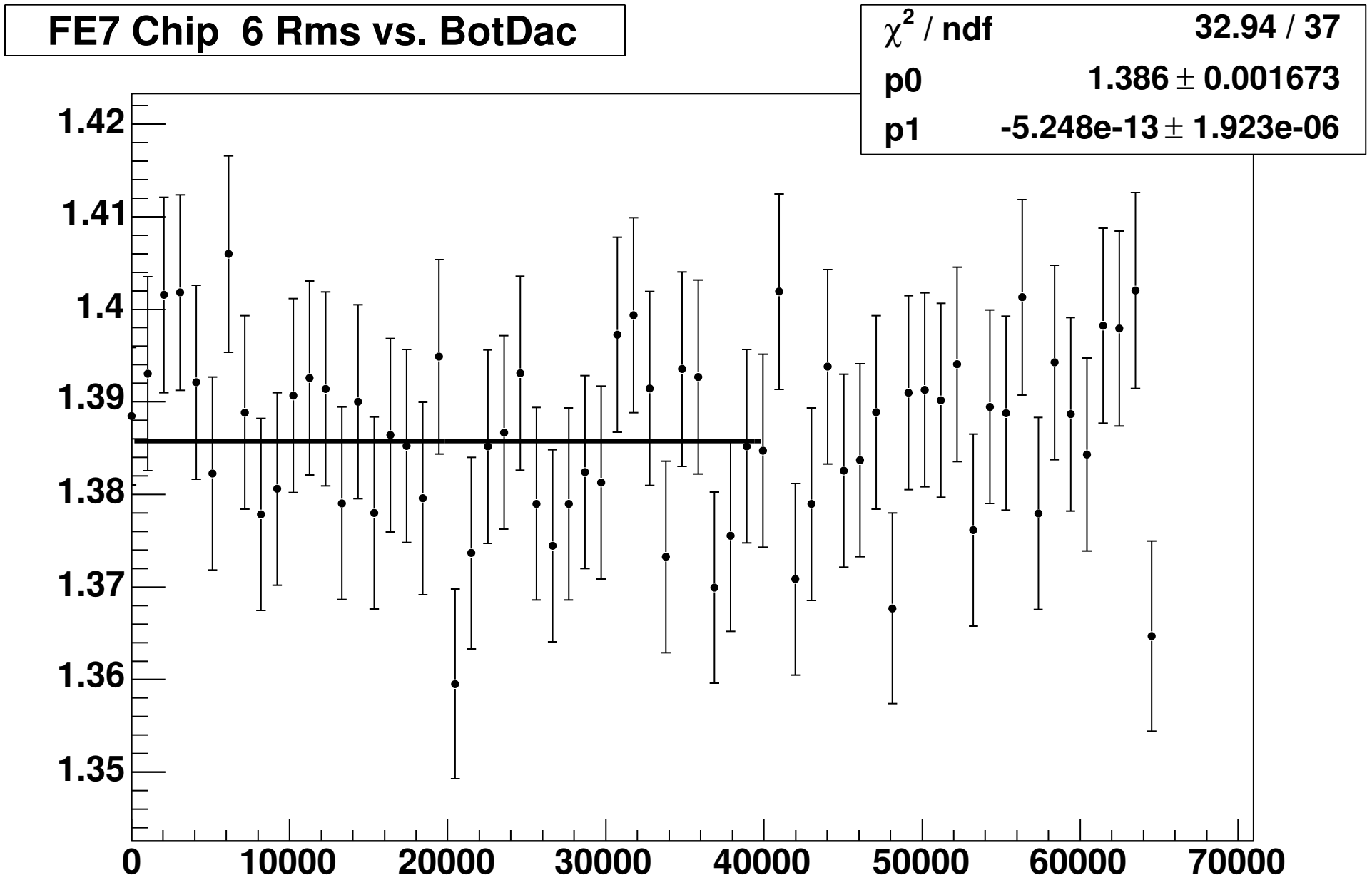

FE7 Chip 5 Mean vs. BotDac
χ² / ndf 6.414e+04 / 37
p0 72.84 ± 0.005031
p1 0.4512 ± 2.365e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 5 Rms vs. BotDac
χ² / ndf 1438 / 37
p0 1.342 ± 0.002756
p1 3.376e-05 ± 2e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 5 Mean vs. TopDac
χ² / ndf 577.3 / 37
p0 73.85 ± 0.004918
p1 7.087e-07 ± 2.09e-07
74.15
74.1
74.05
74
73.95
73.9
73.85
73.8
73.75
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 5 Rms vs. TopDac
χ² / ndf 33.33 / 37
p0 1.417 ± 0.001705
p1 3.456e-13 ± 2.077e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 6 Mean vs. BotDac
χ² / ndf 190.9 / 37
p0 6.216 ± 0.004822
p1 5.421e-07 ± 2.049e-07
6.3
6.25
6.2
6.15
6.1
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 6 Rms vs. BotDac
χ² / ndf 32.94 / 37
p0 1.386 ± 0.001673
p1 -5.248e-13 ± 1.923e-06
1.42
1.41
1.4
1.39
1.38
1.37
1.36
1.35
0
10000
20000
30000
40000
50000
60000
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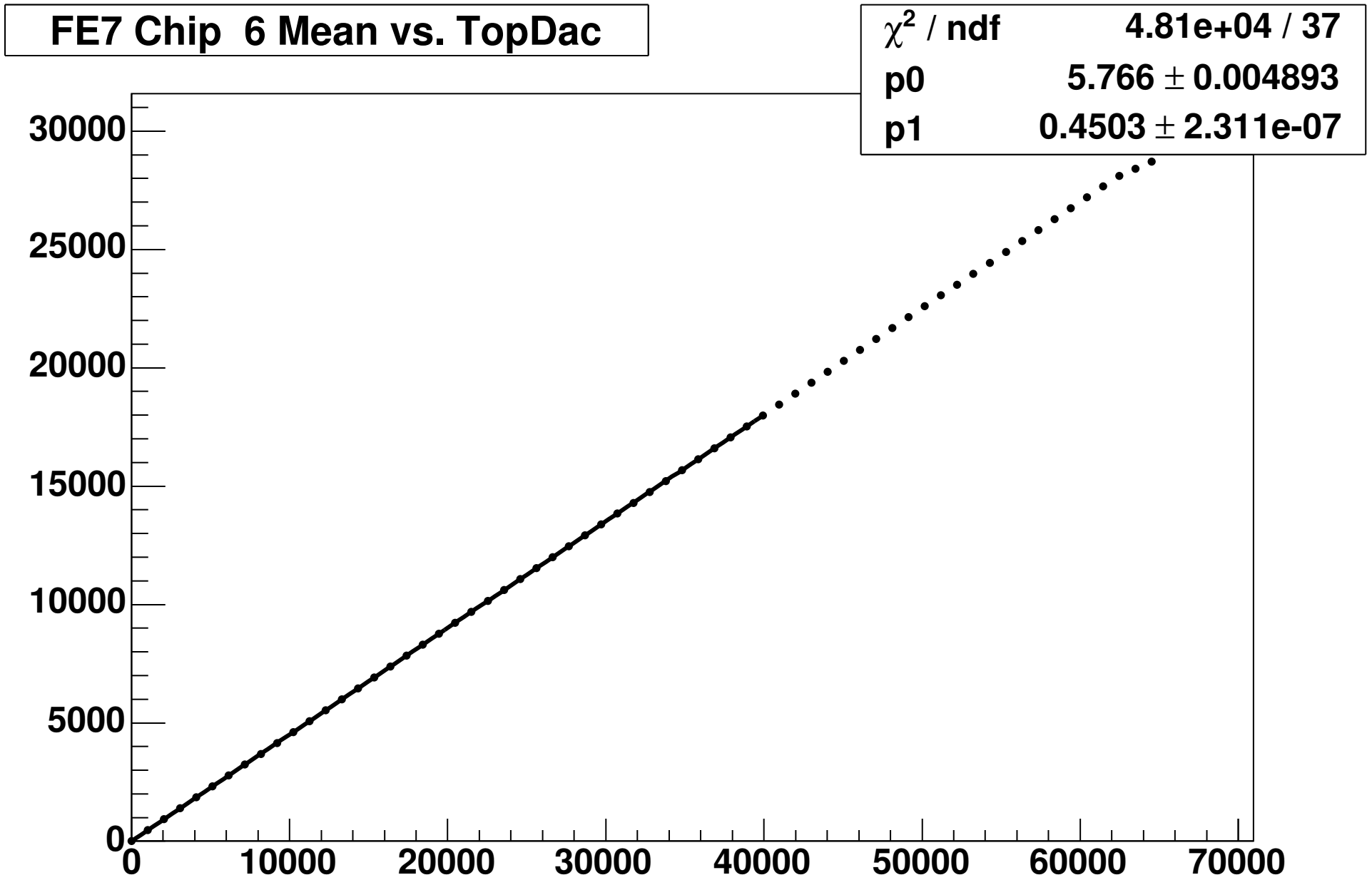
FE7 Chip 6 Mean vs. TopDac
χ² / ndf 4.81e+04 / 37
p0 5.766 ± 0.004893
p1 0.4503 ± 2.311e-07
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25000
20000
15000
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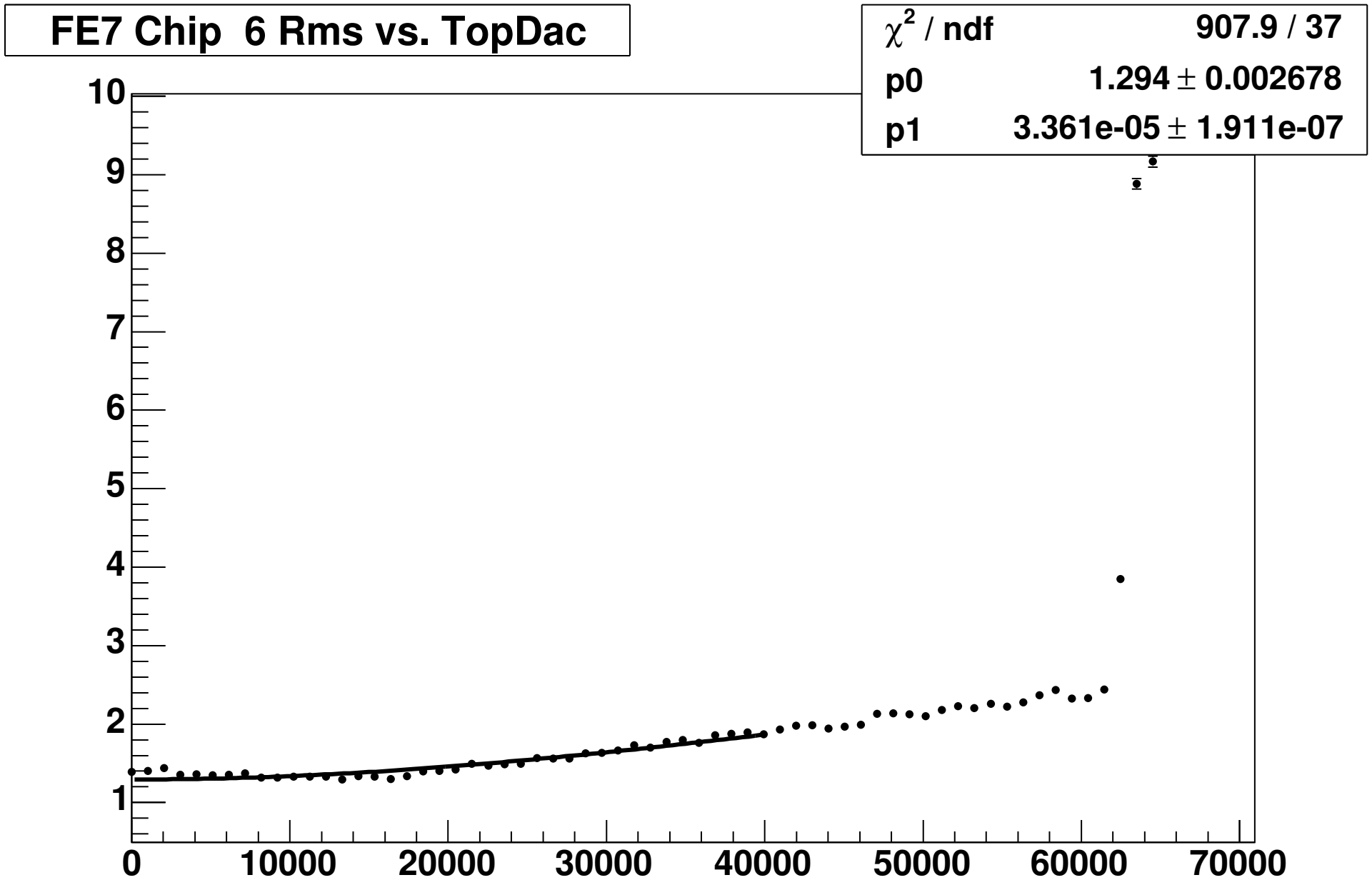
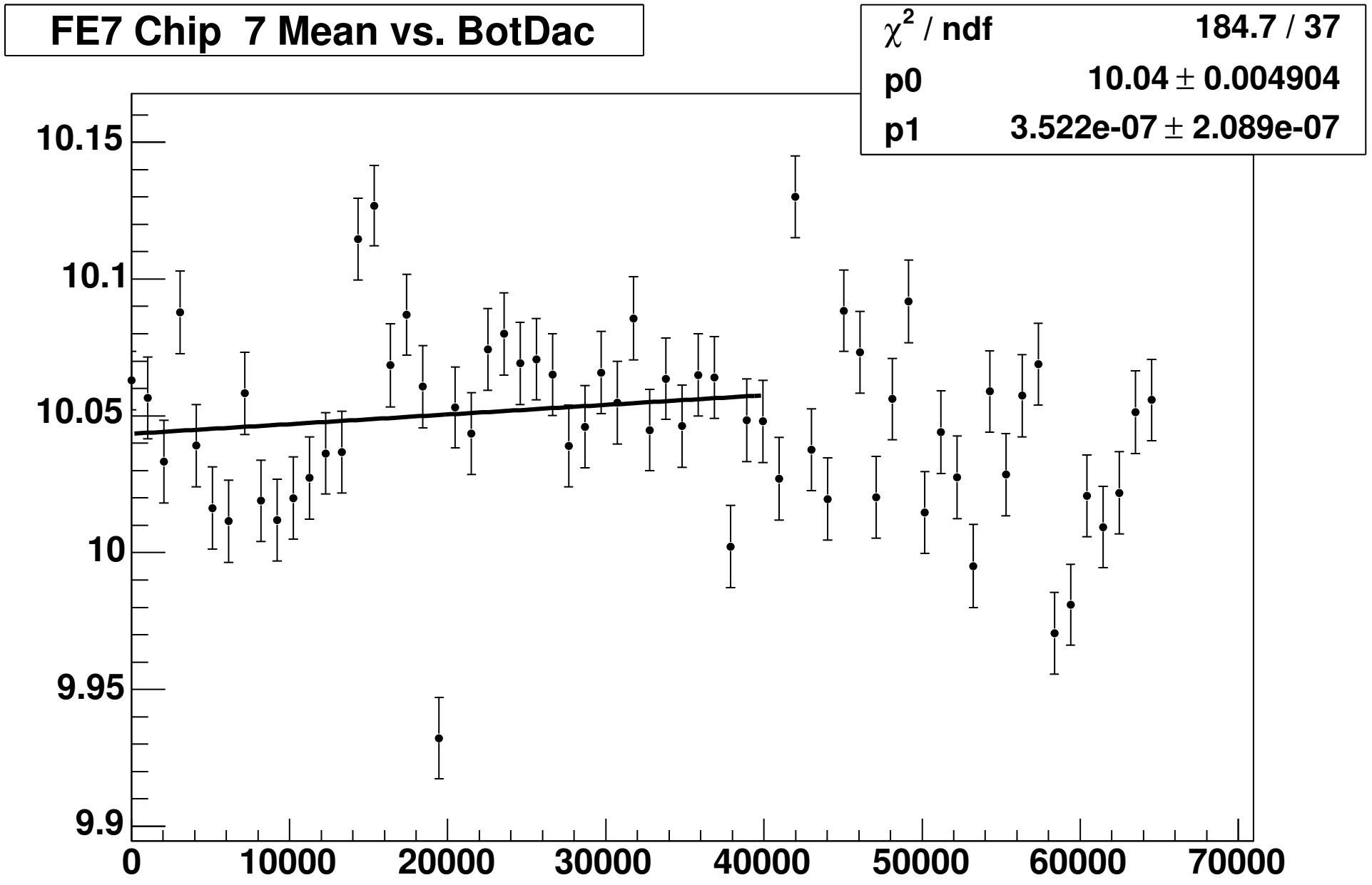
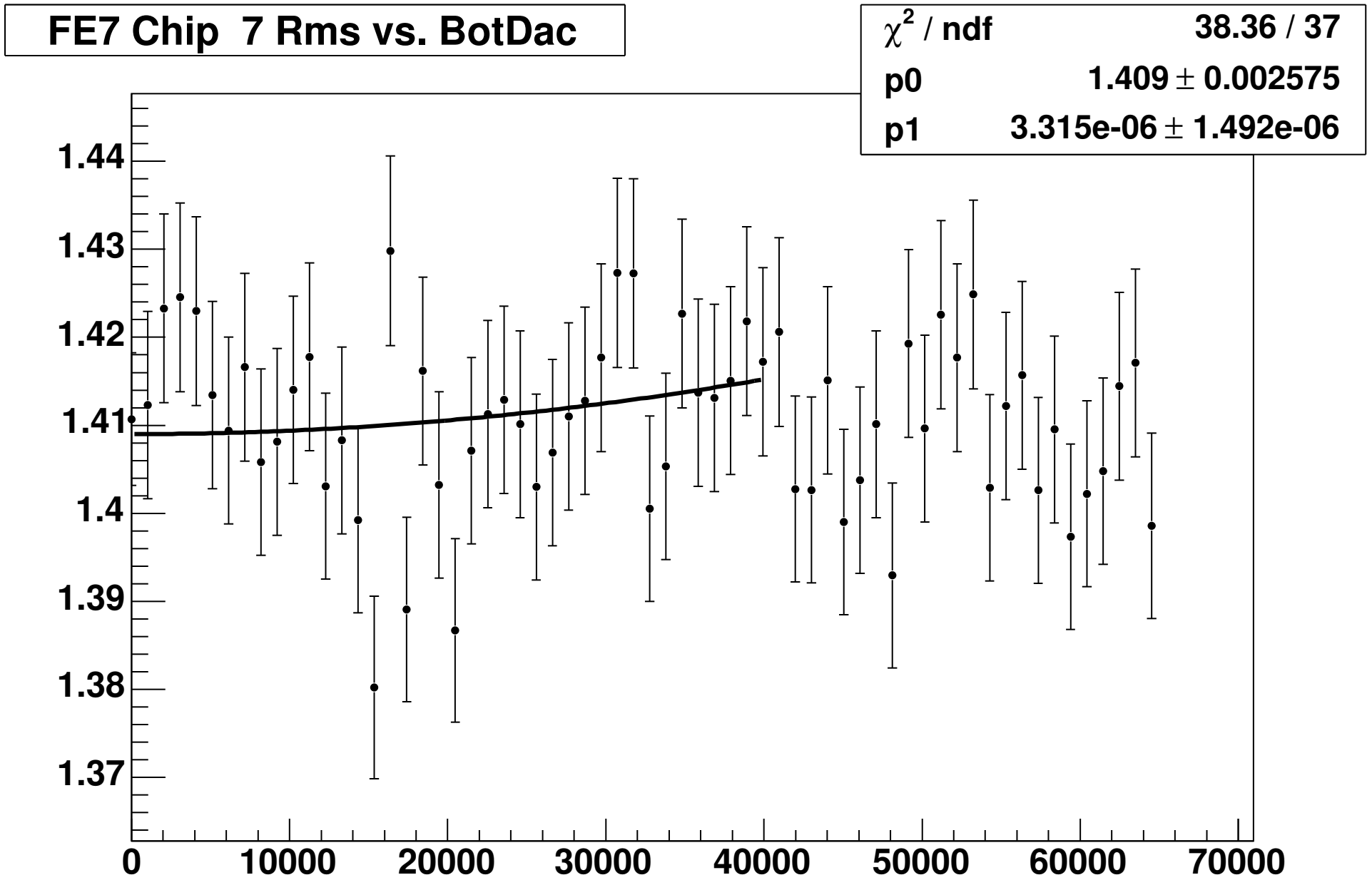
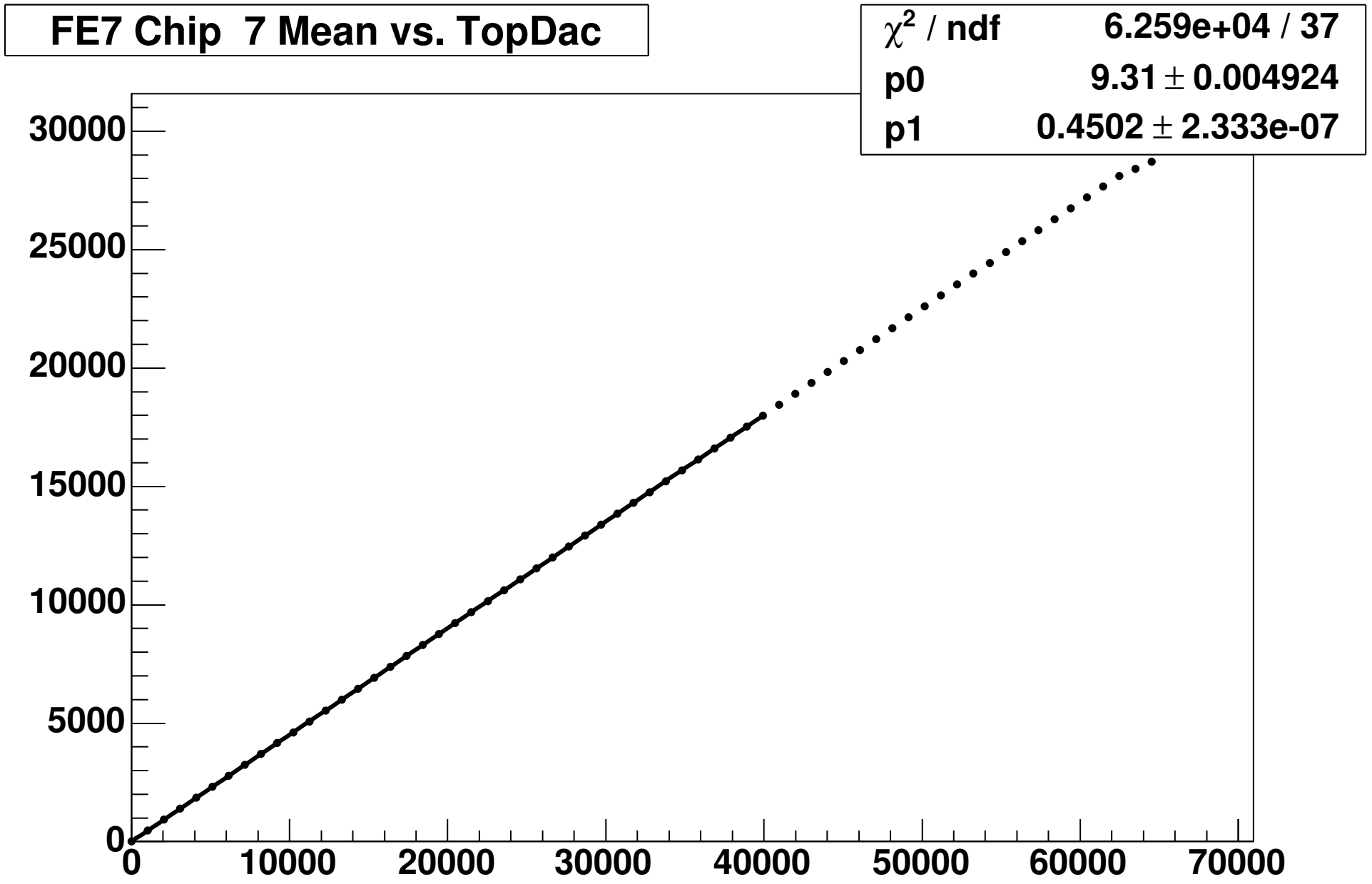
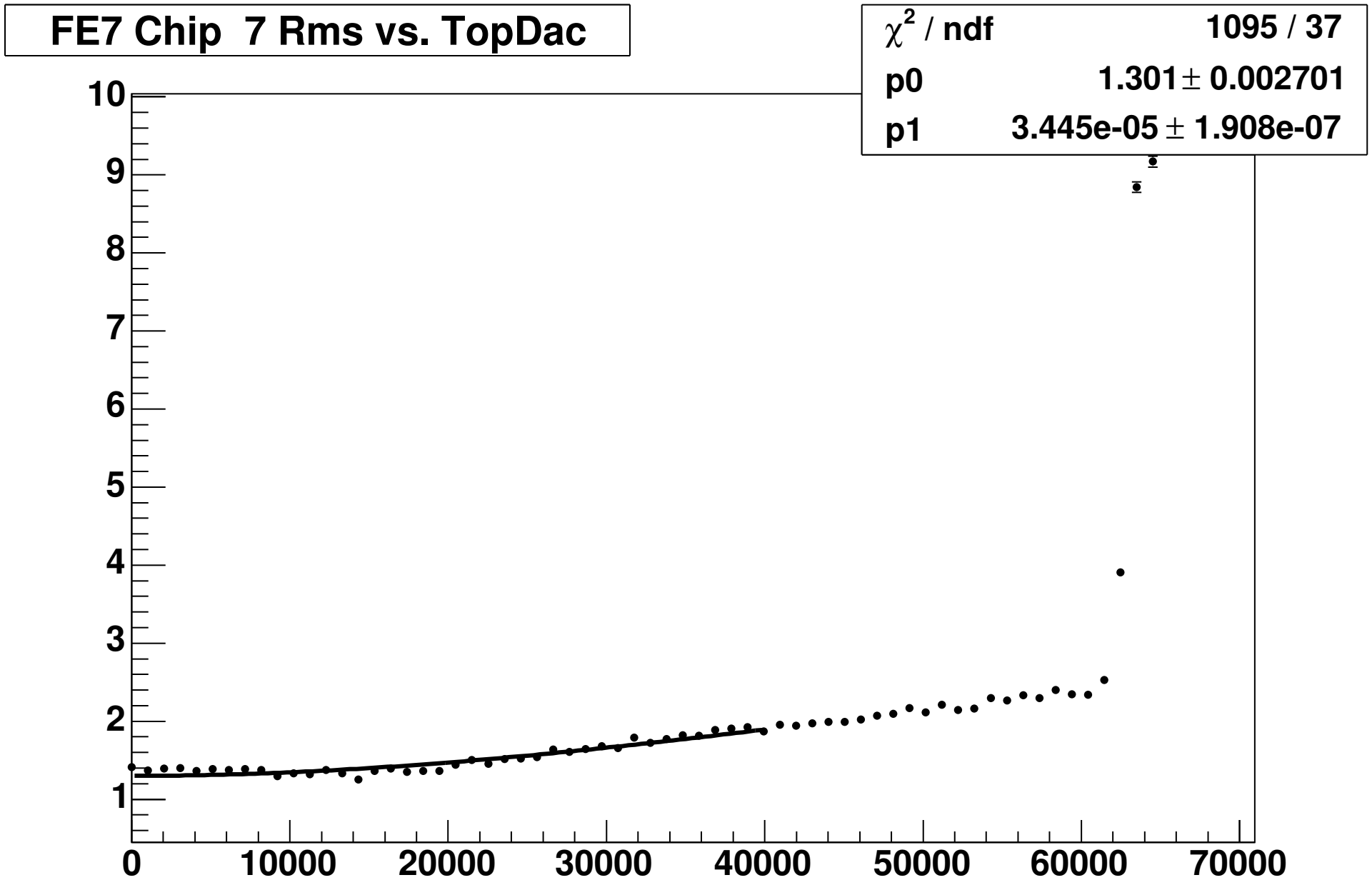
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 6 Rms vs. TopDac
χ² / ndf 907.9 / 37
p0 1.294 ± 0.002678
p1 3.361e-05 ± 1.911e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 7 Mean vs. BotDac
χ² / ndf 184.7 / 37
p0 10.04 ± 0.004904
p1 3.522e-07 ± 2.089e-07
10.15
10.1
10.05
10
9.95
9.9
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 7 Rms vs. BotDac
χ² / ndf 38.36 / 37
p0 1.409 ± 0.002575
p1 3.315e-06 ± 1.492e-06
1.44
1.43
1.42
1.41
1.4
1.39
1.38
1.37
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 7 Mean vs. TopDac
χ² / ndf 6.259e+04 / 37
p0 9.31 ± 0.004924
p1 0.4502 ± 2.333e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 7 Rms vs. TopDac
χ² / ndf 1095 / 37
p0 1.301 ± 0.002701
p1 3.445e-05 ± 1.908e-07
10
9
8
7
6
5
4
3
2
1
0
10000
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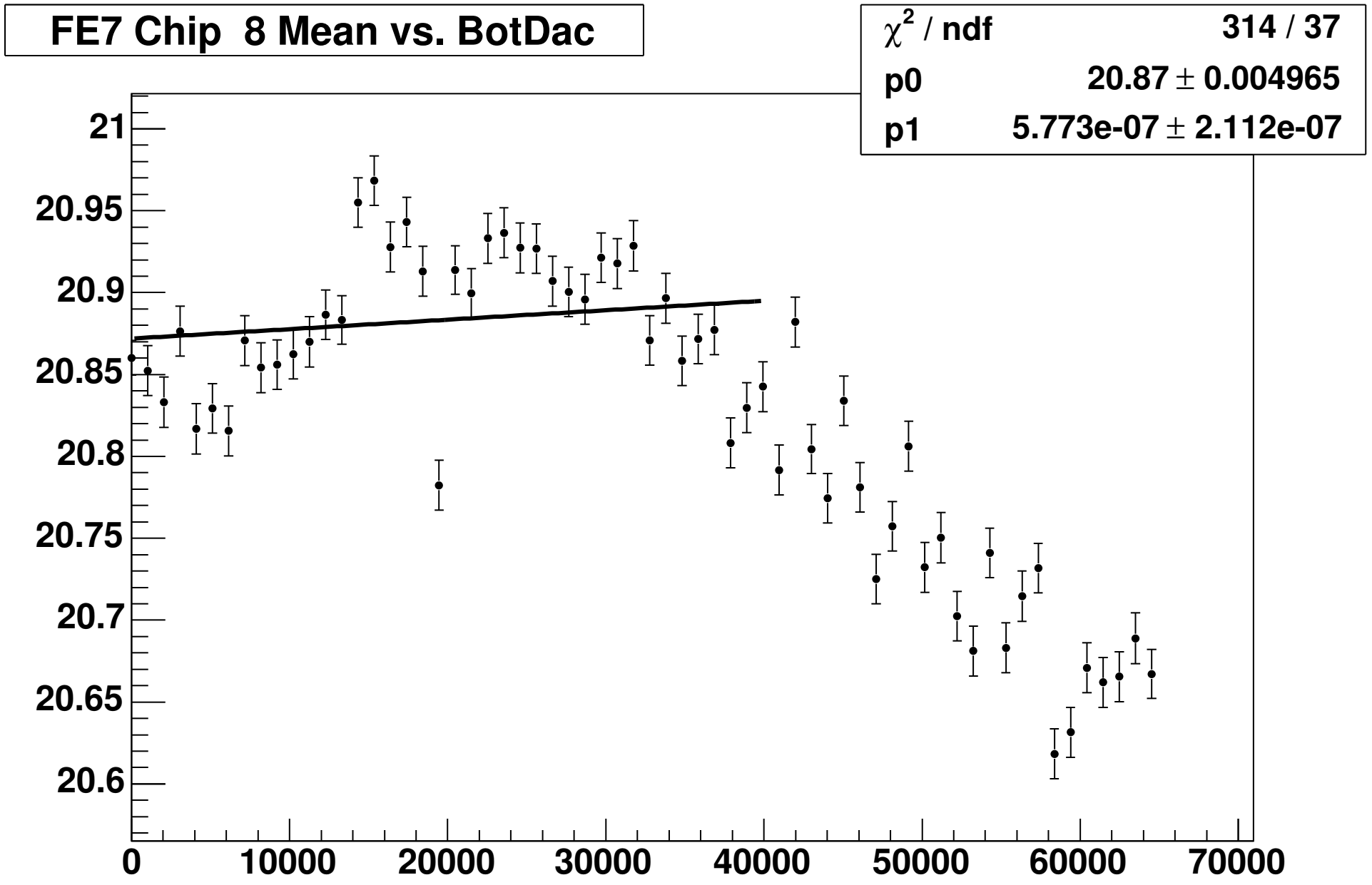
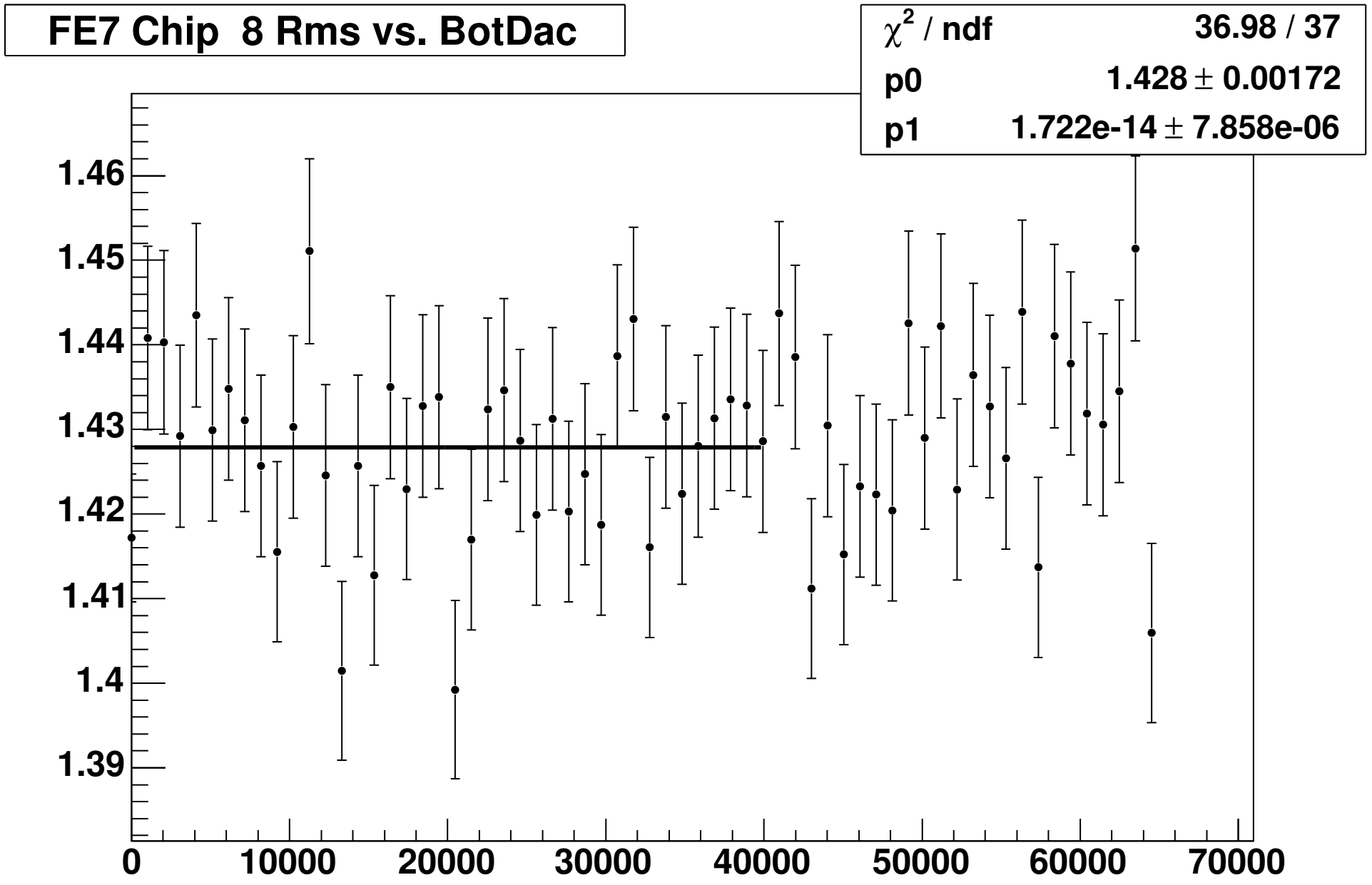
30000
40000
50000
60000
70000


FE7 Chip 8 Mean vs. BotDac
χ² / ndf 314 / 37
p0 20.87 ± 0.004965
p1 5.773e-07 ± 2.112e-07
21
20.95
20.9
20.85
20.8
20.75
20.7
20.65
20.6
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 8 Rms vs. BotDac
χ² / ndf 36.98 / 37
p0 1.428 ± 0.00172
p1 1.722e-14 ± 7.858e-06
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
10000
20000
30000
40000
50000
60000
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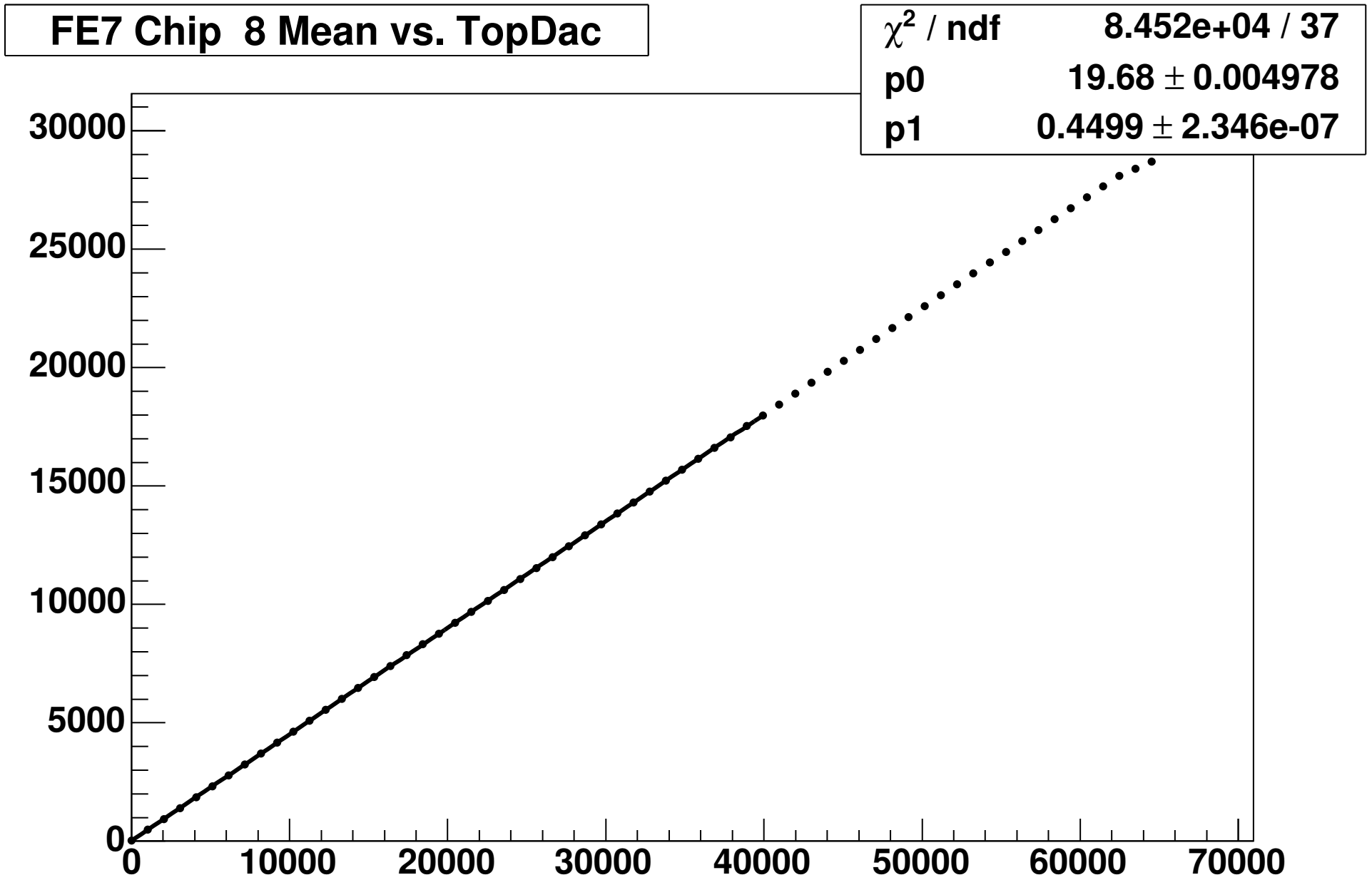
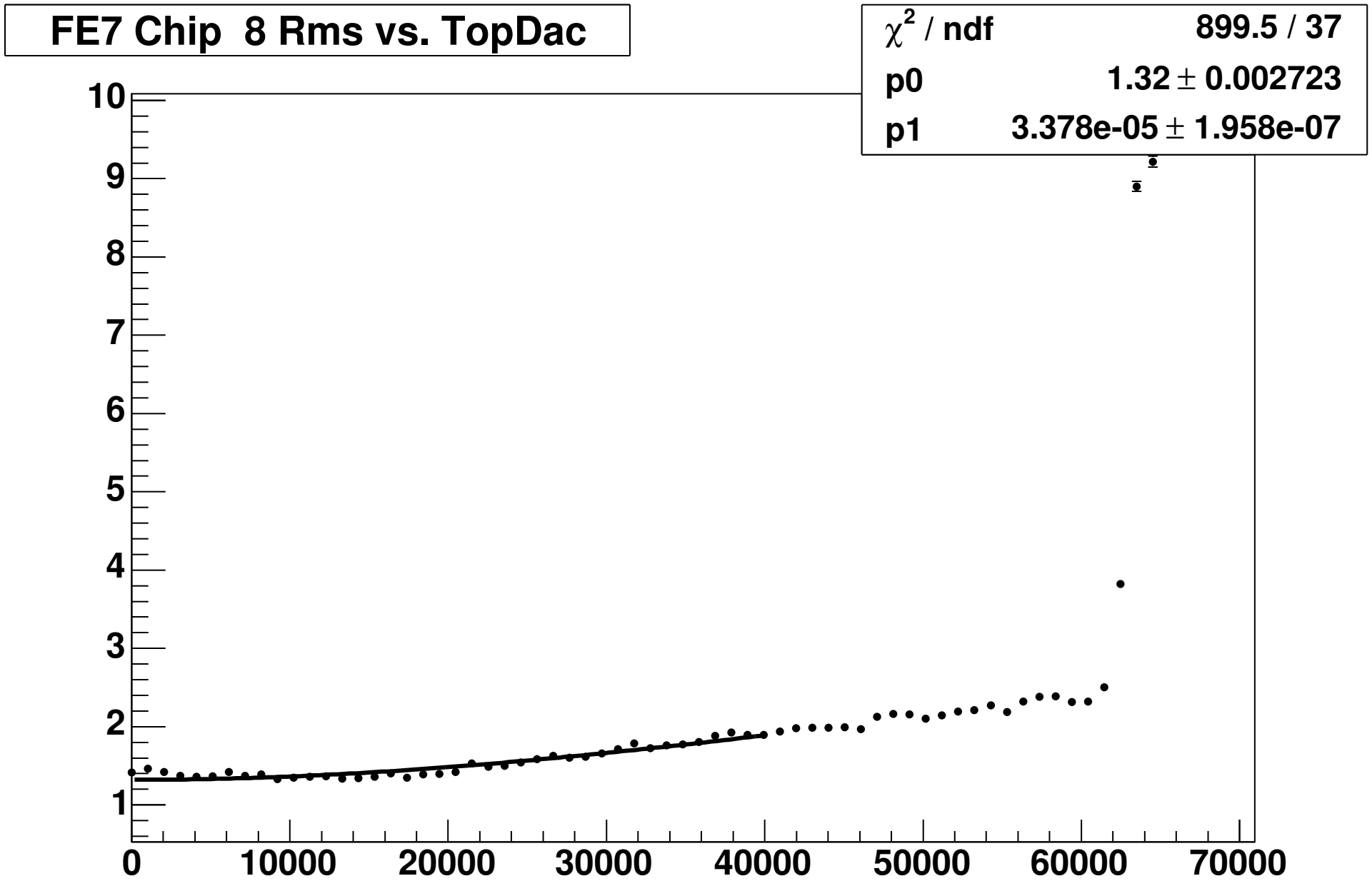
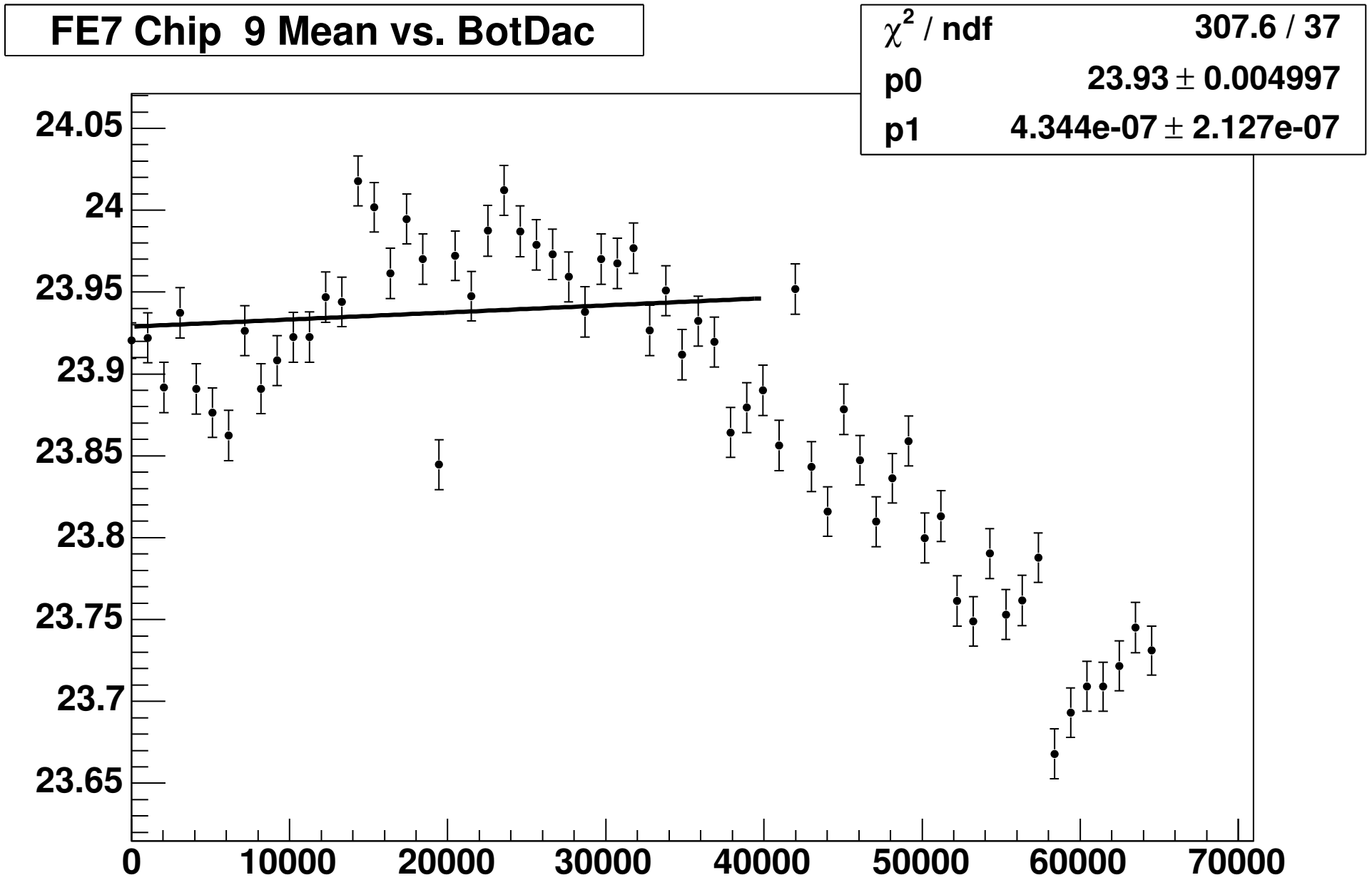
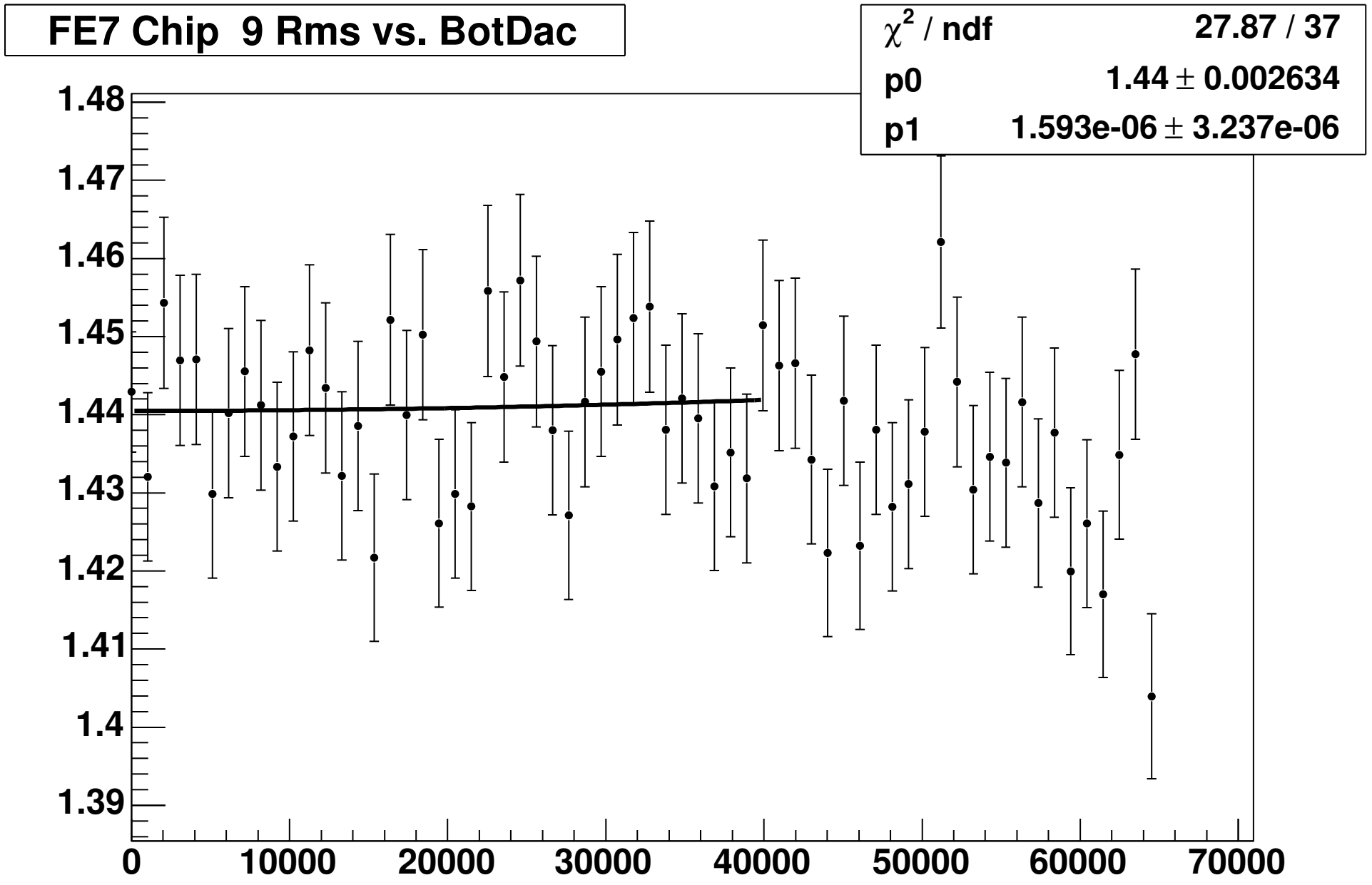
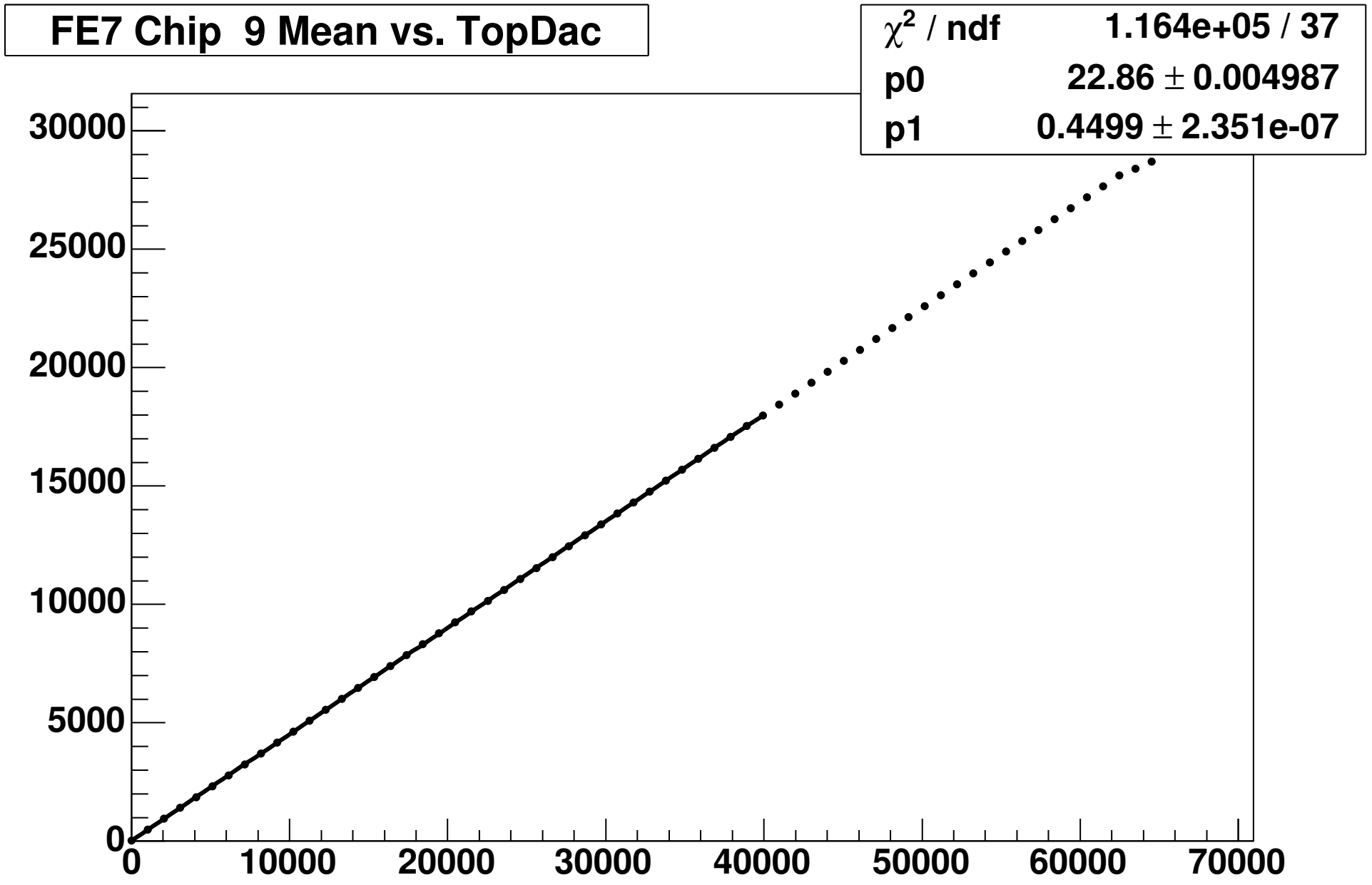
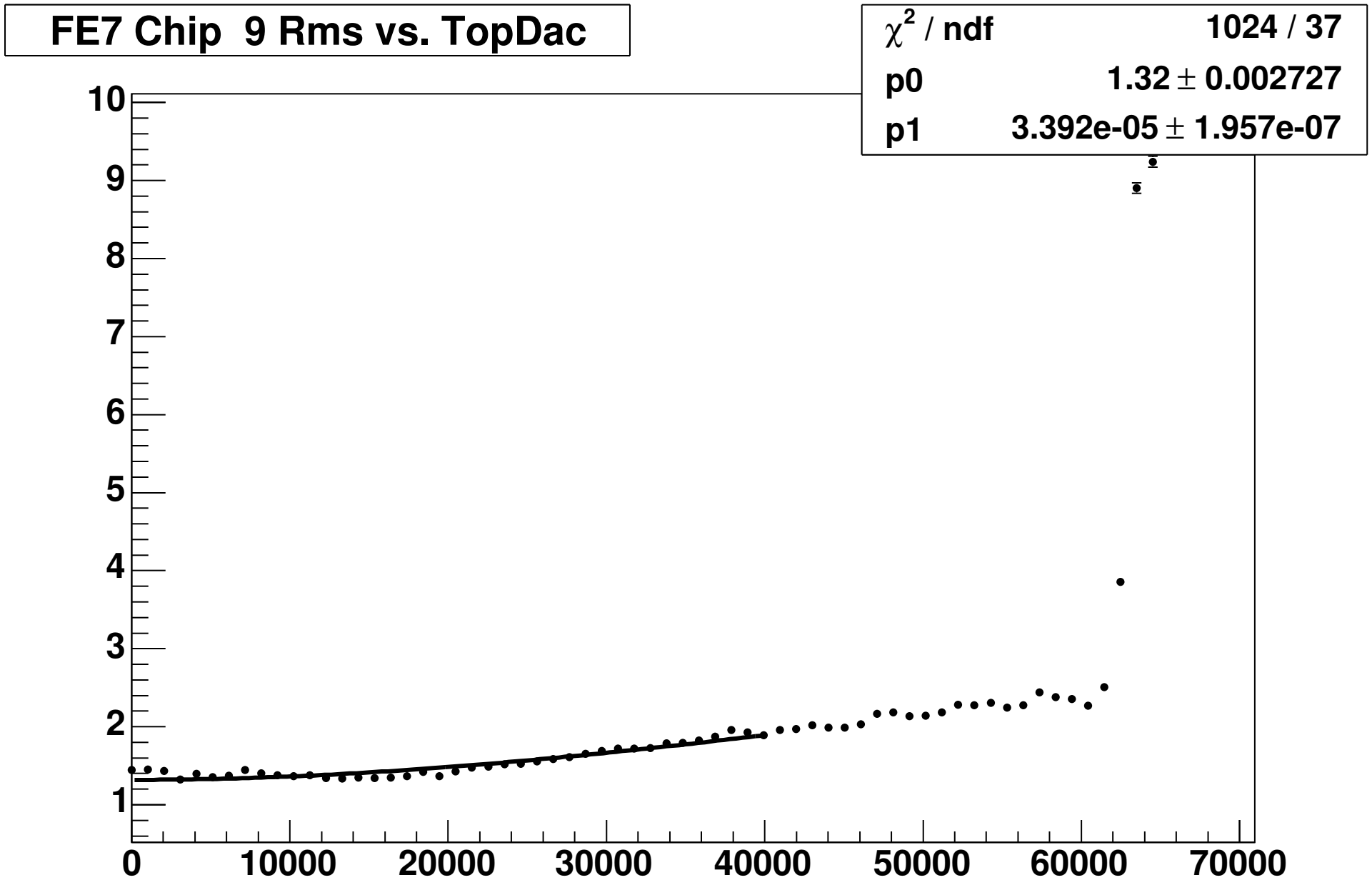

FE7 Chip 8 Mean vs. TopDac
χ² / ndf 8.452e+04 / 37
p0 19.68 ± 0.004978
p1 0.4499 ± 2.346e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000

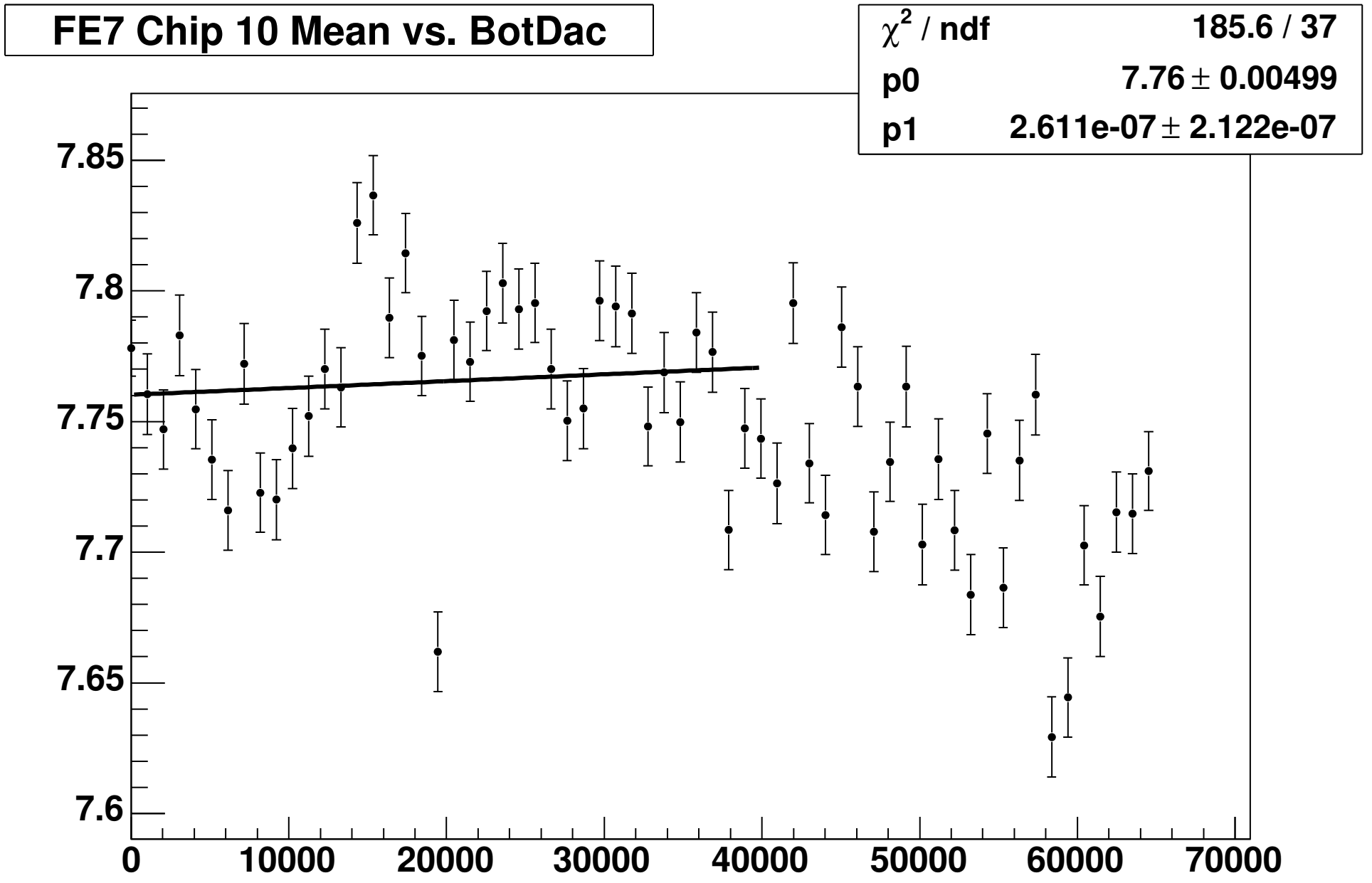

FE7 Chip 8 Rms vs. TopDac
χ² / ndf 899.5 / 37
p0 1.32 ± 0.002723
p1 3.378e-05 ± 1.958e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

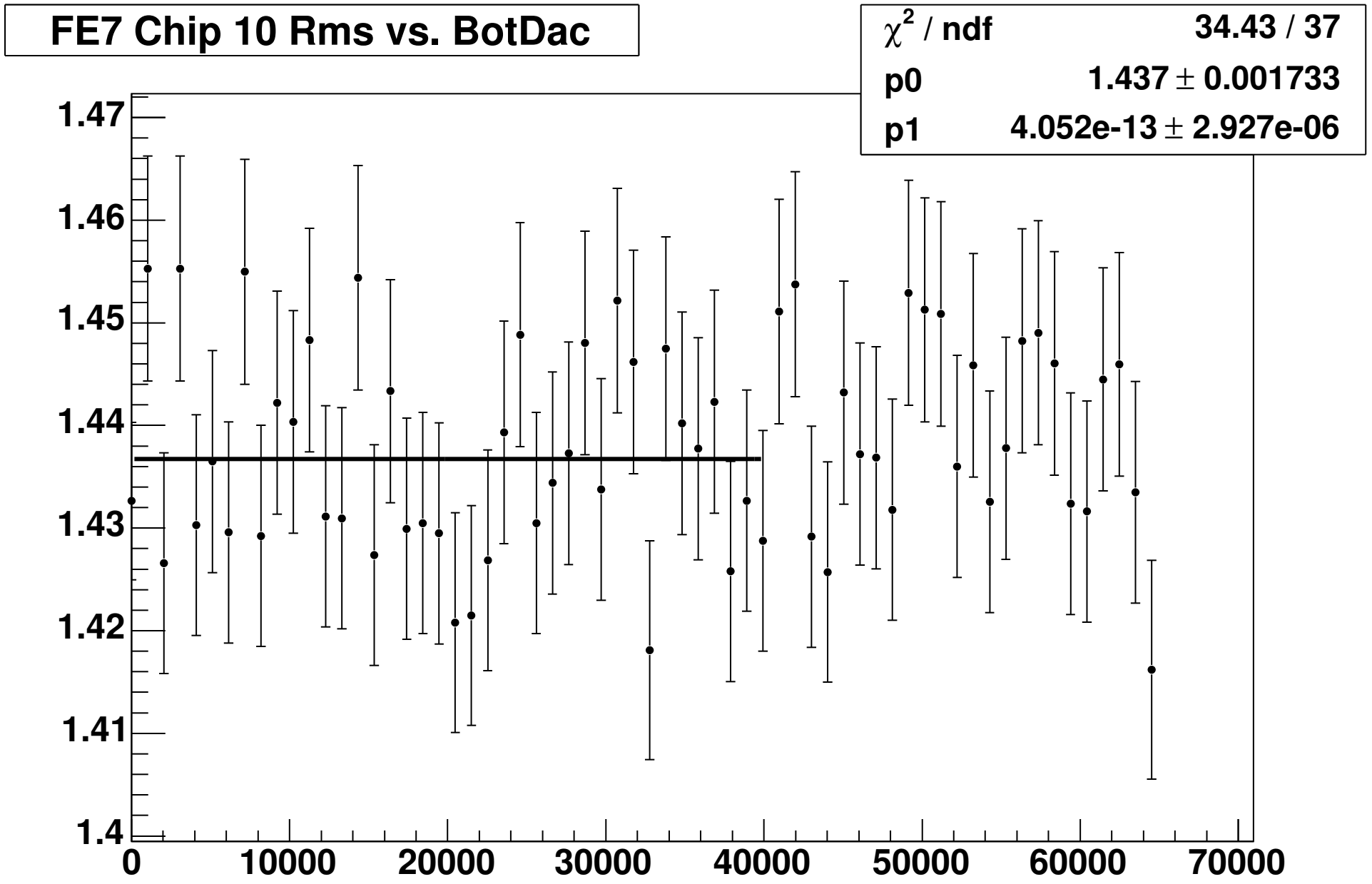

FE7 Chip 9 Mean vs. BotDac
χ² / ndf 307.6 / 37
p0 23.93 ± 0.004997
p1 4.344e-07 ± 2.127e-07
24.05
24
23.95
23.9
23.85
23.8
23.75
23.7
23.65
0
10000
20000
30000
40000
50000
60000
70000

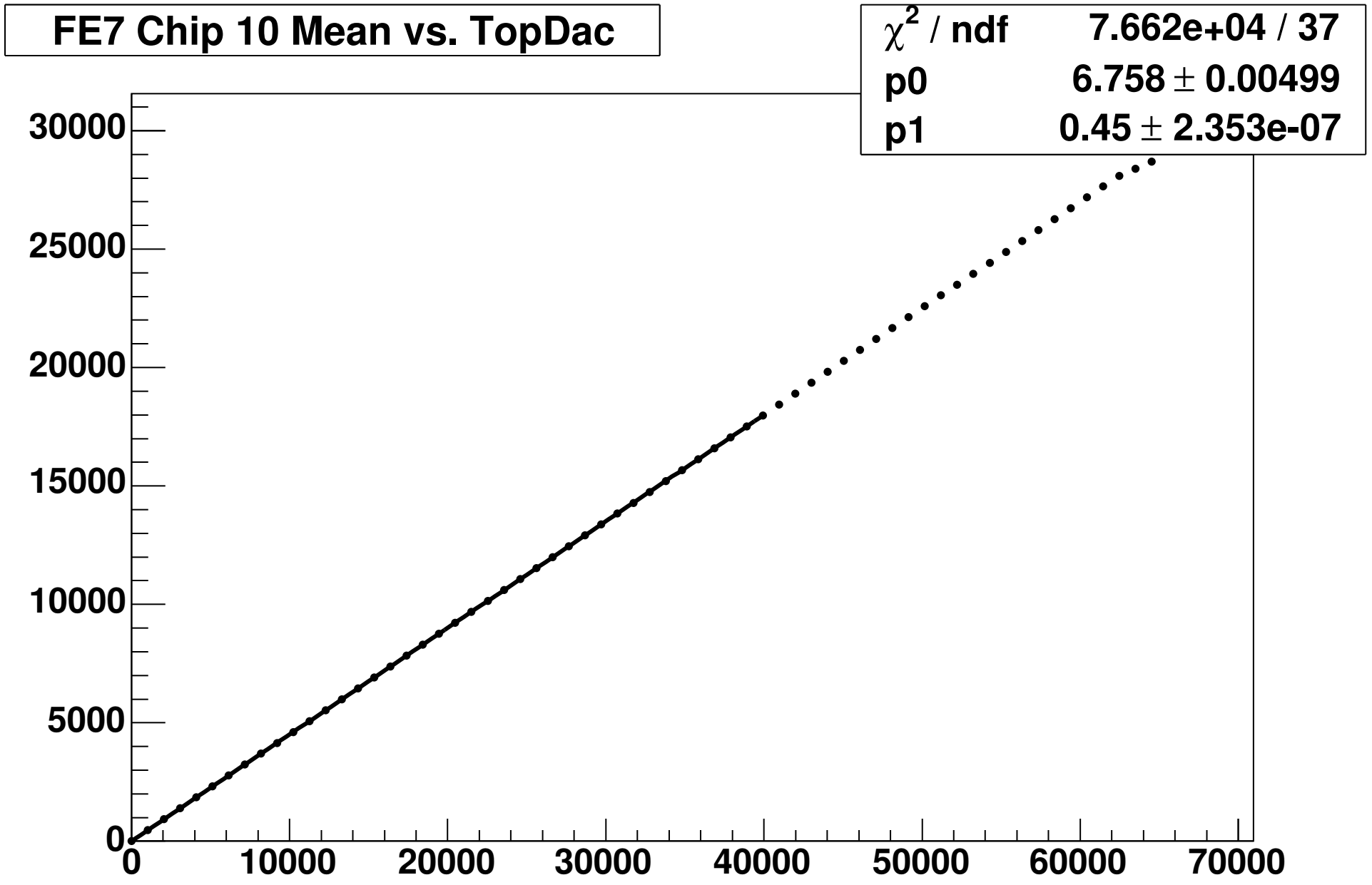

FE7 Chip 9 Rms vs. BotDac
χ² / ndf 27.87 / 37
p0 1.44 ± 0.002634
p1 1.593e-06 ± 3.237e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
10000
20000
30000
40000
50000
60000
70000

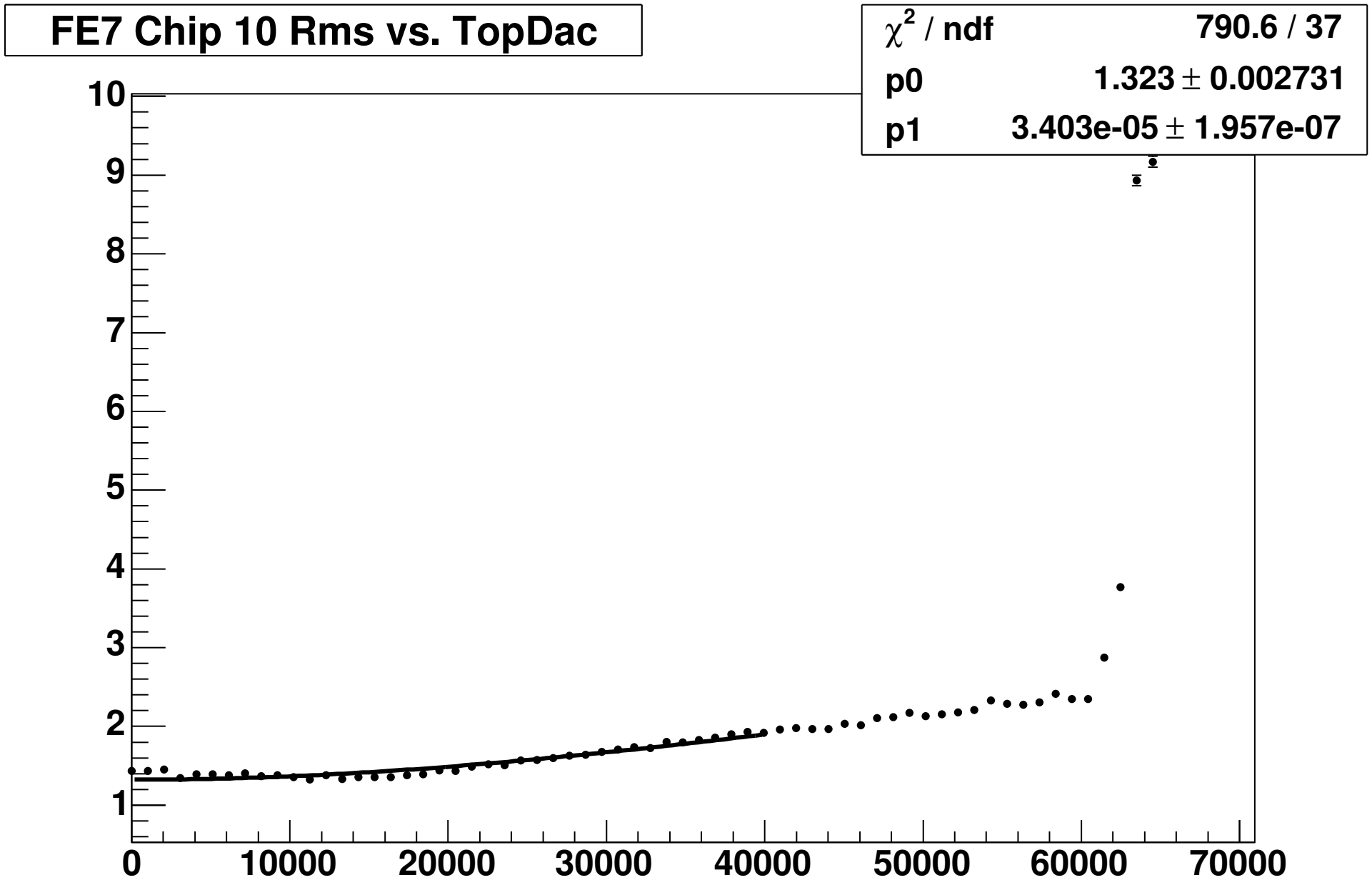

FE7 Chip 9 Mean vs. TopDac
χ² / ndf 1.164e+05 / 37
p0 22.86 ± 0.004987
p1 0.4499 ± 2.351e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000

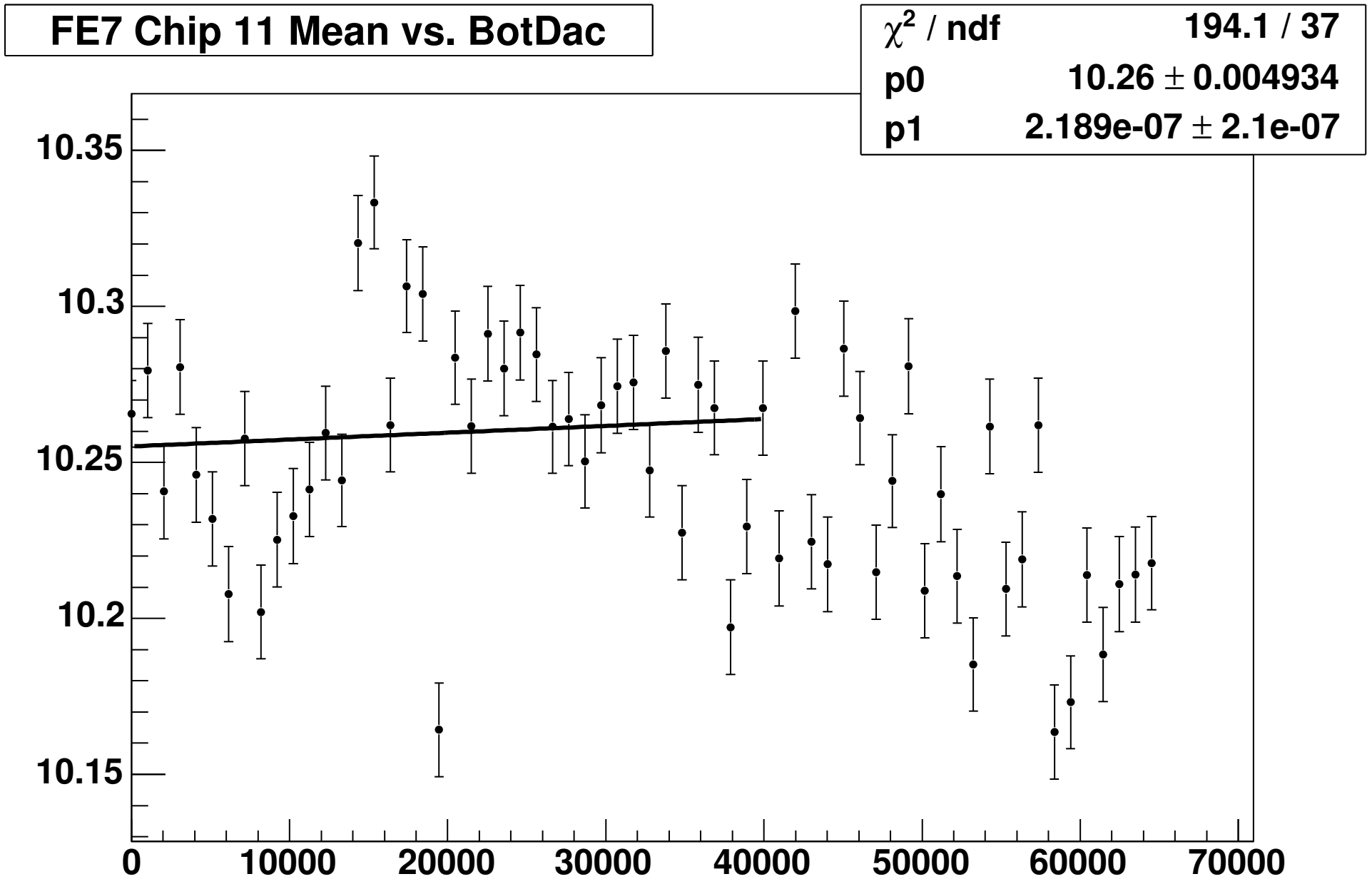

FE7 Chip 9 Rms vs. TopDac
χ² / ndf 1024 / 37
p0 1.32 ± 0.002727
p1 3.392e-05 ± 1.957e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

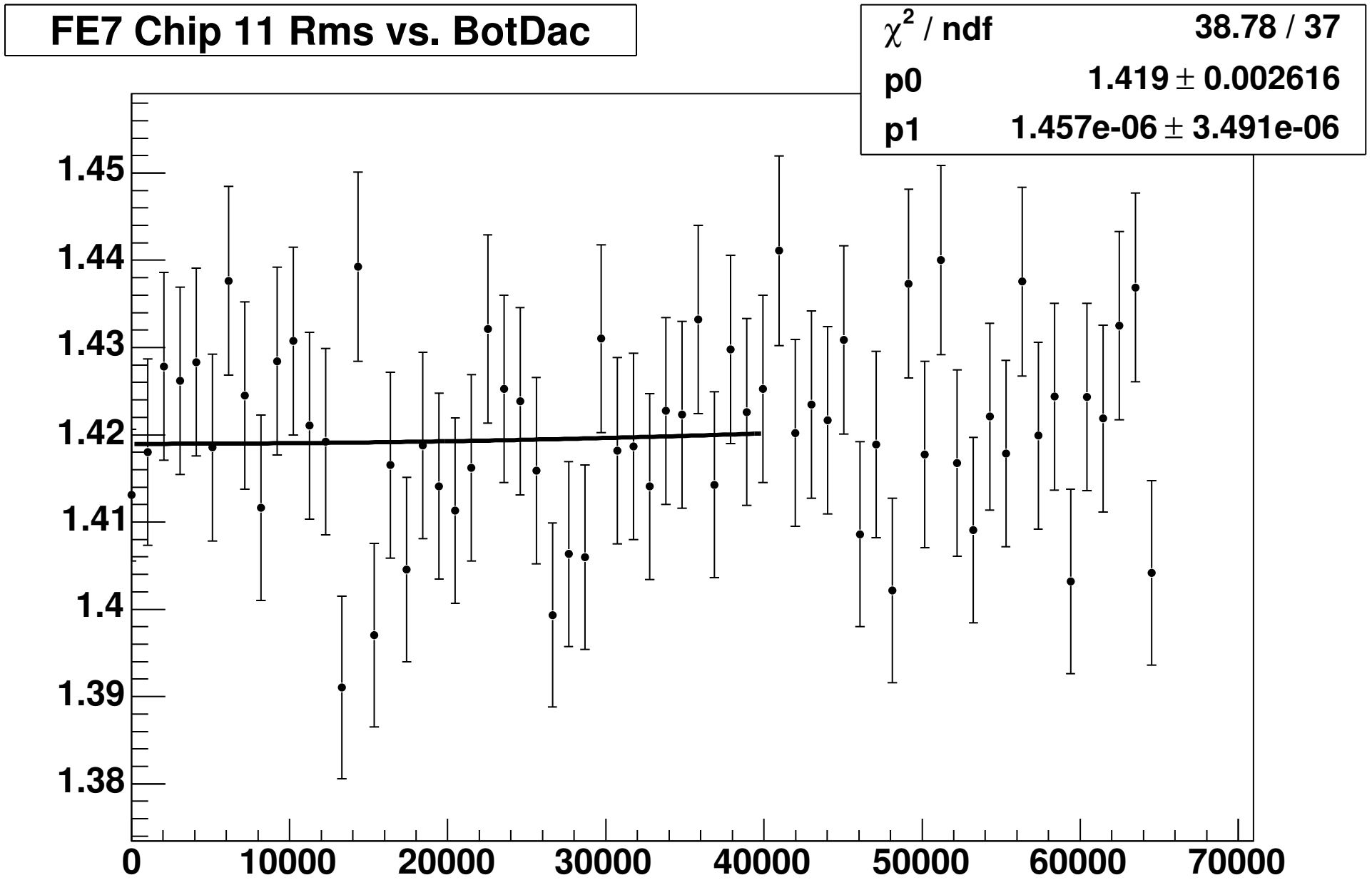

FE7 Chip 10 Mean vs. BotDac
χ² / ndf 185.6 / 37
p0 7.76 ± 0.00499
p1 2.611e-07 ± 2.122e-07
7.85
7.8
7.75
7.7
7.65
7.6
0
10000
20000
30000
40000
50000
60000
70000

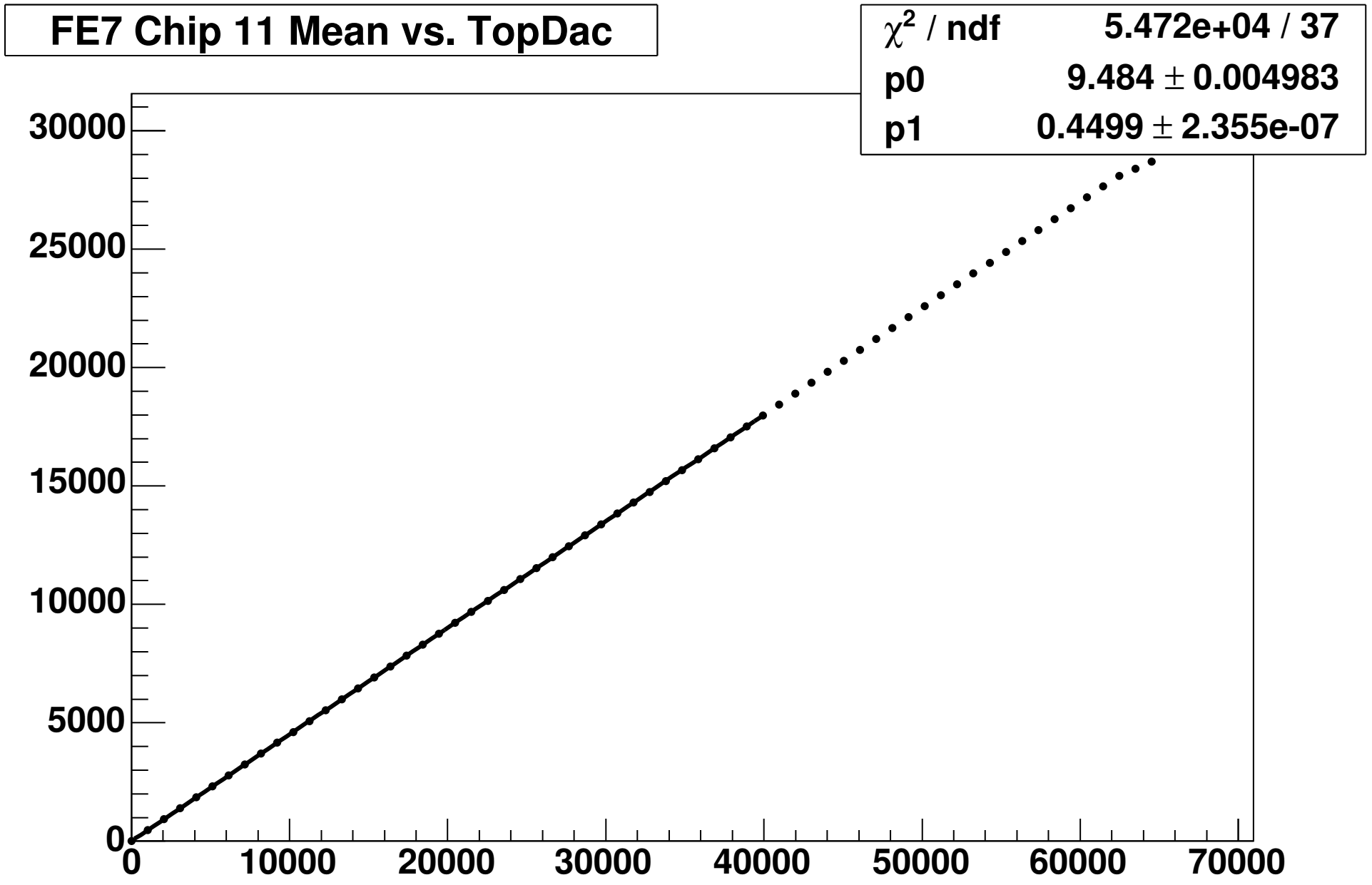

FE7 Chip 10 Rms vs. BotDac
χ² / ndf 34.43 / 37
p0 1.437 ± 0.001733
p1 4.052e-13 ± 2.927e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
0
10000
20000
30000
40000
50000
60000
70000

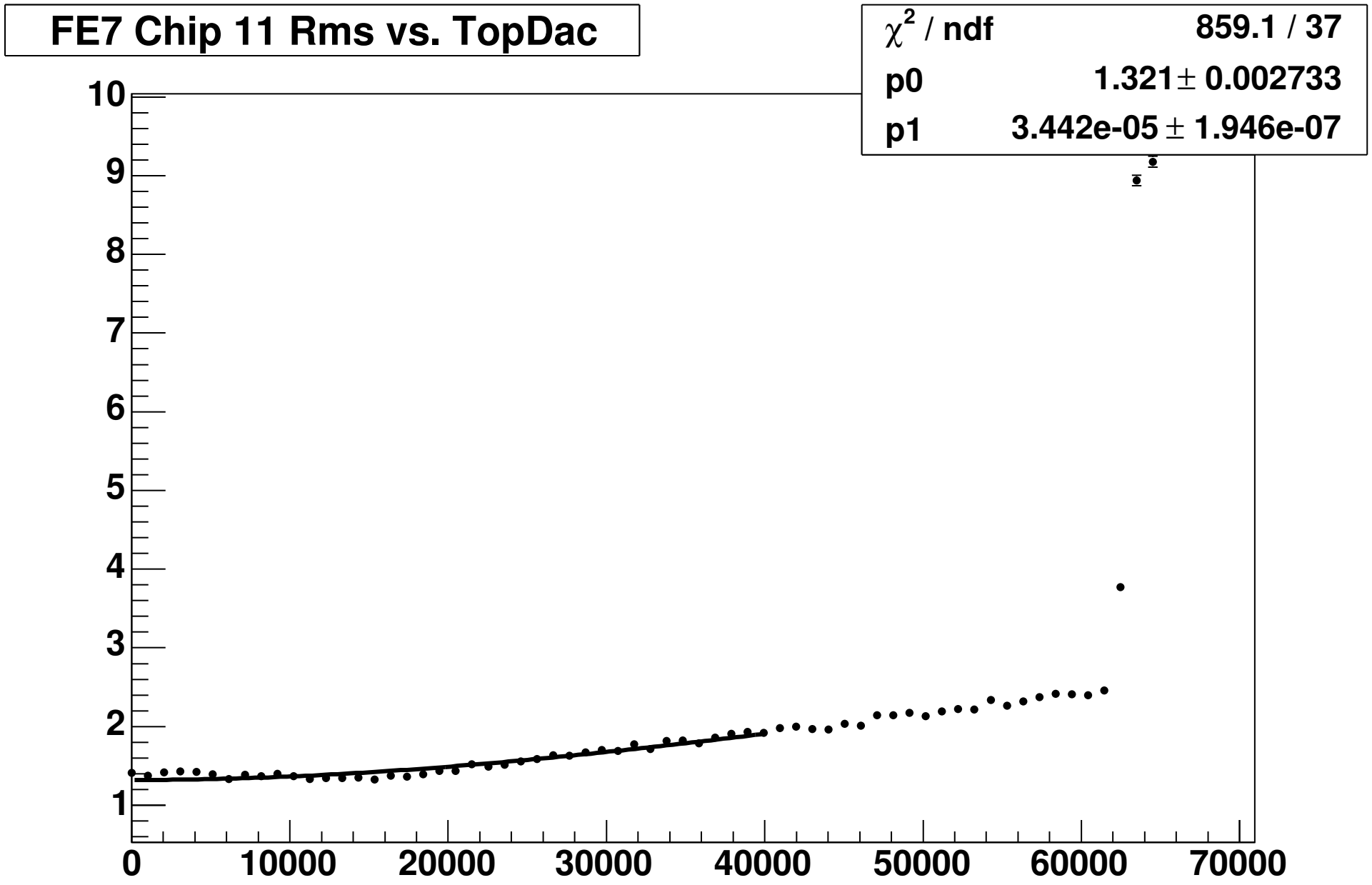

FE7 Chip 10 Mean vs. TopDac
χ² / ndf 7.662e+04 / 37
p0 6.758 ± 0.00499
p1 0.45 ± 2.353e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000

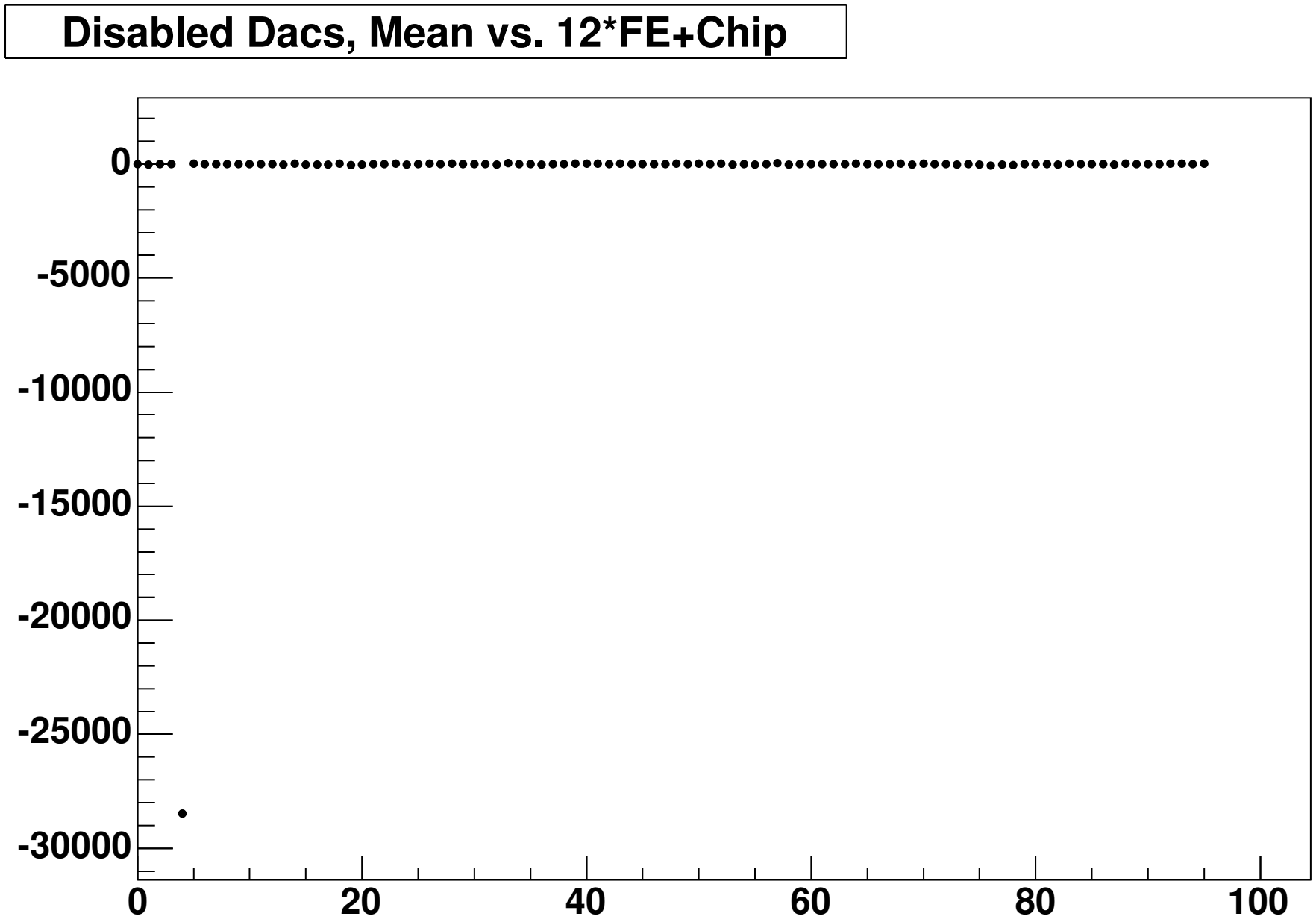

FE7 Chip 10 Rms vs. TopDac
χ² / ndf 790.6 / 37
p0 1.323 ± 0.002731
p1 3.403e-05 ± 1.957e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

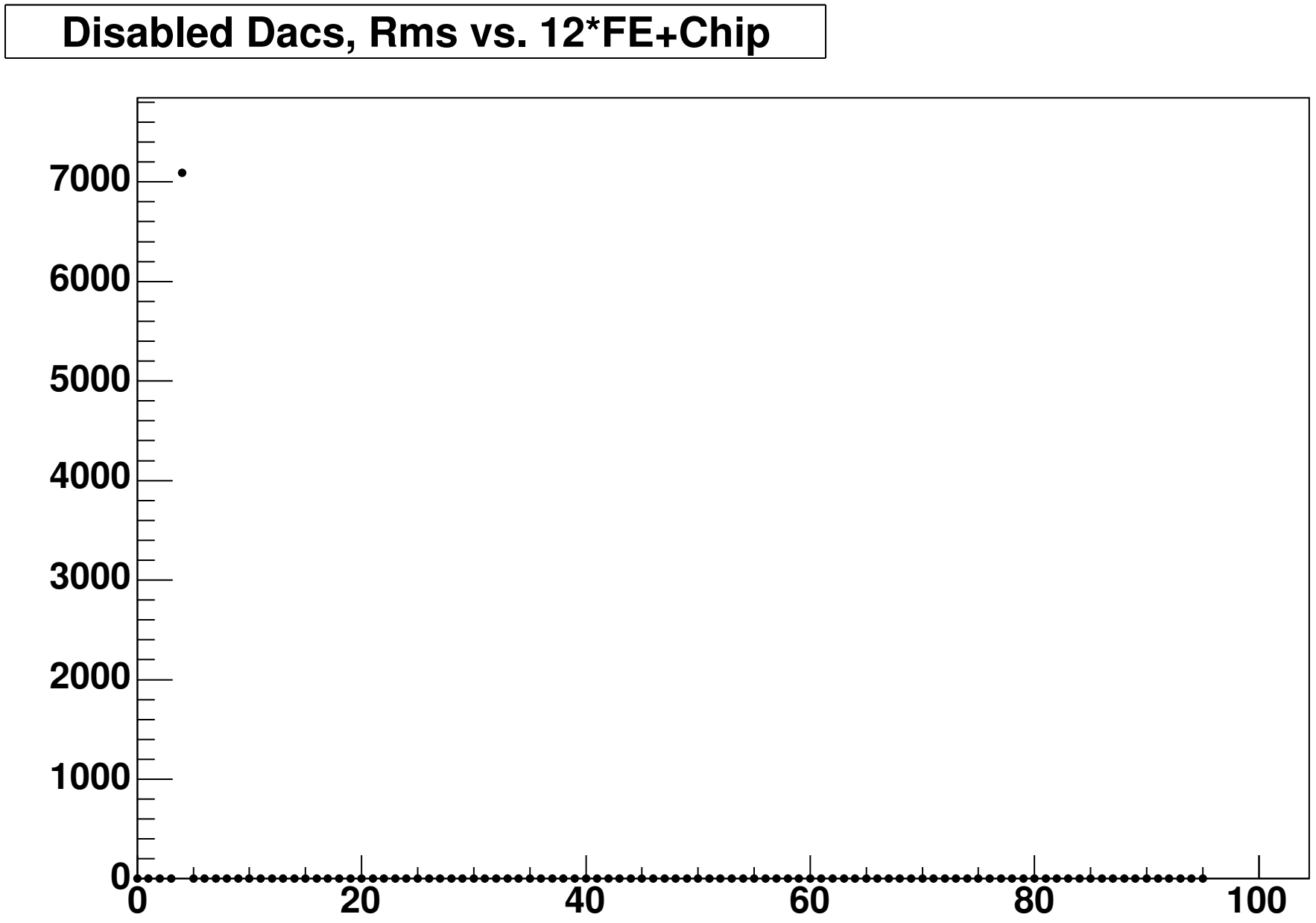

FE7 Chip 11 Mean vs. BotDac
χ² / ndf 194.1 / 37
p0 10.26 ± 0.004934
p1 2.189e-07 ± 2.1e-07
10.35
10.3
10.25
10.2
10.15
0
10000
20000
30000
40000
50000
60000
70000

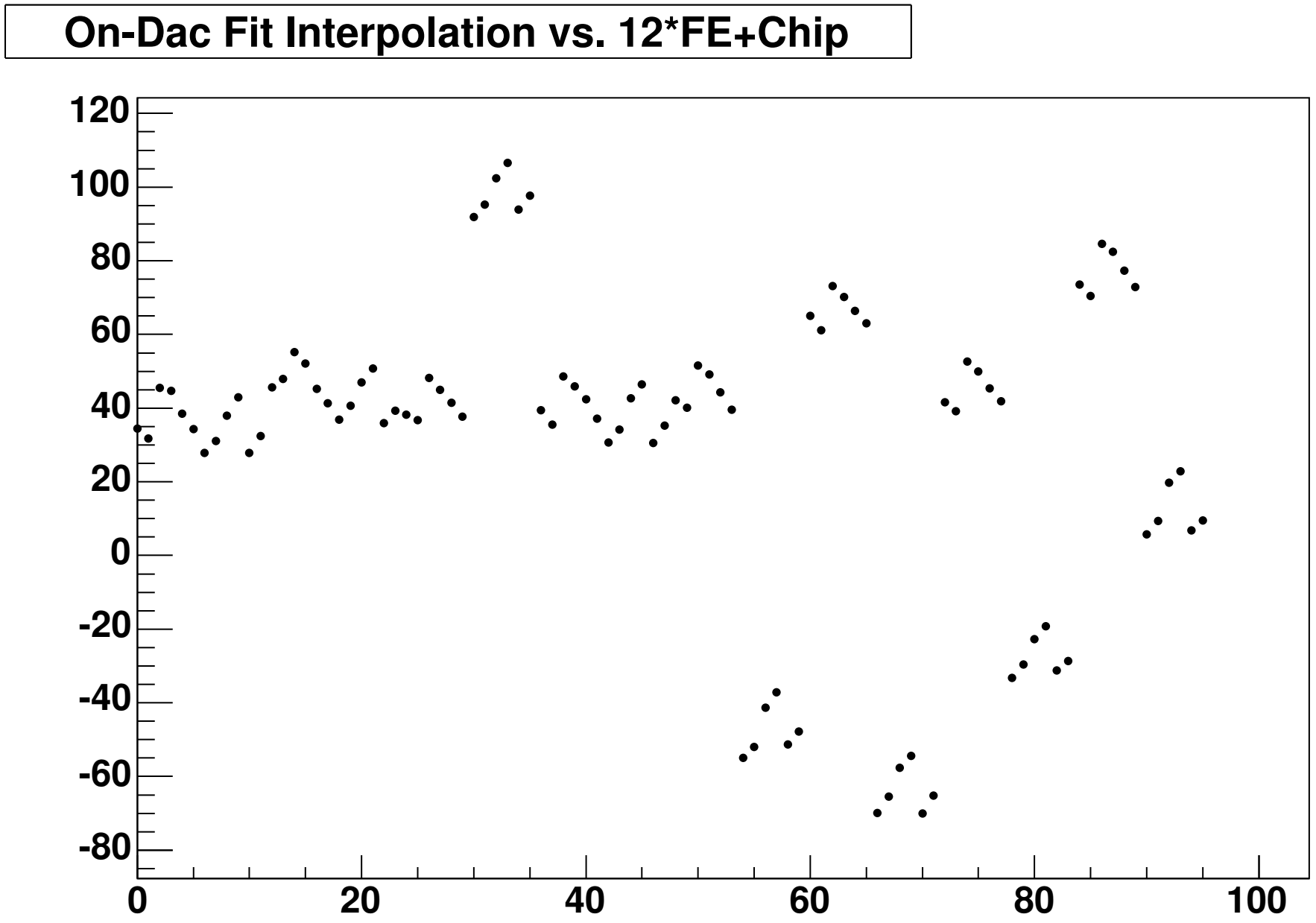

FE7 Chip 11 Rms vs. BotDac
χ² / ndf 38.78 / 37
p0 1.419 ± 0.002616
p1 1.457e-06 ± 3.491e-06
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
0
10000
20000
30000
40000
50000
60000
70000

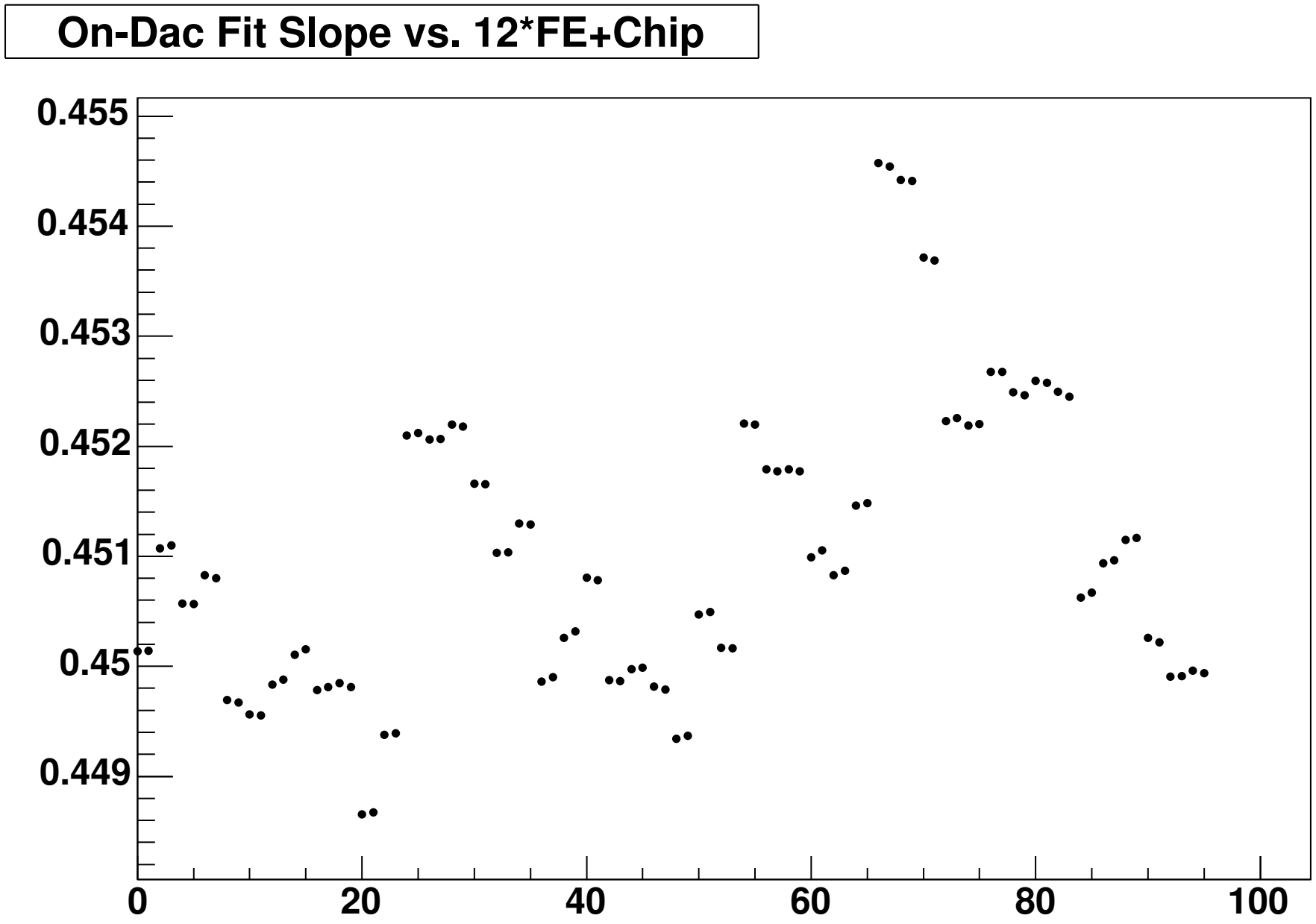

FE7 Chip 11 Mean vs. TopDac
χ² / ndf 5.472e+04 / 37
p0 9.484 ± 0.004983
p1 0.4499 ± 2.355e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000

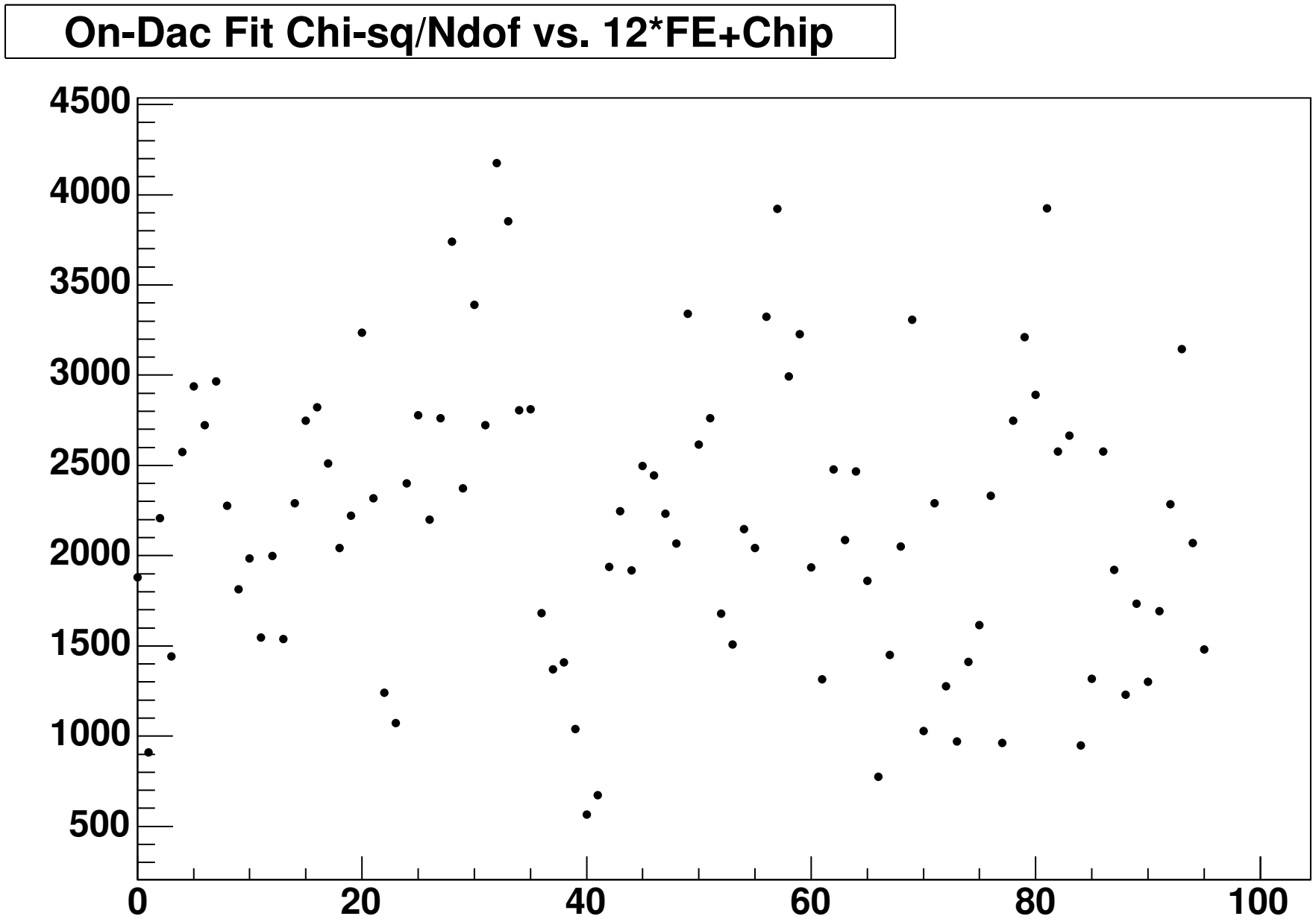

FE7 Chip 11 Rms vs. TopDac
χ² / ndf 859.1 / 37
p0 1.321 ± 0.002733
p1 3.442e-05 ± 1.946e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

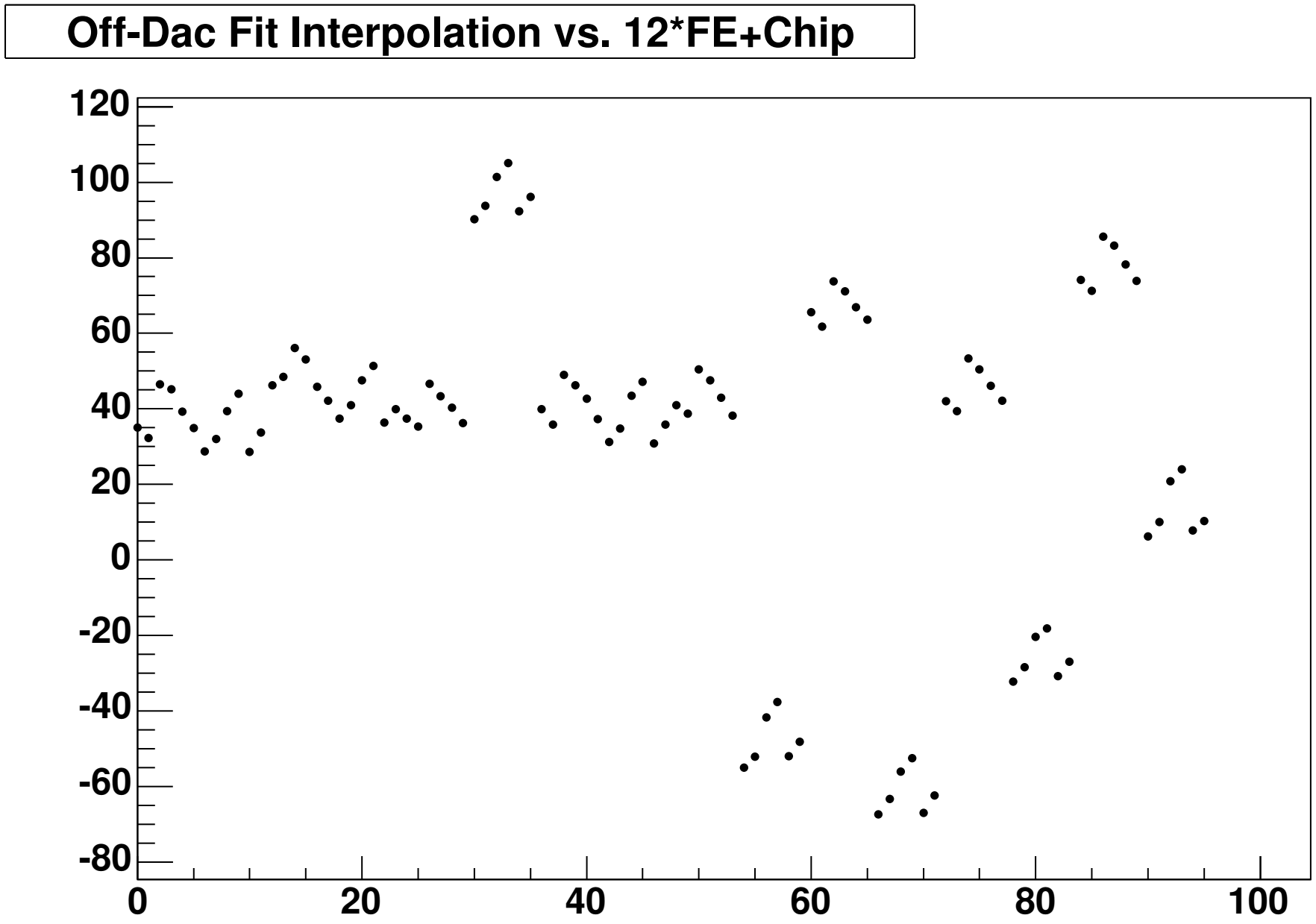

Disabled Dacs, Mean vs. 12*FE+Chip
0
-5000
-10000
-15000
-20000
-25000
-30000
0
20
40
60
80
100

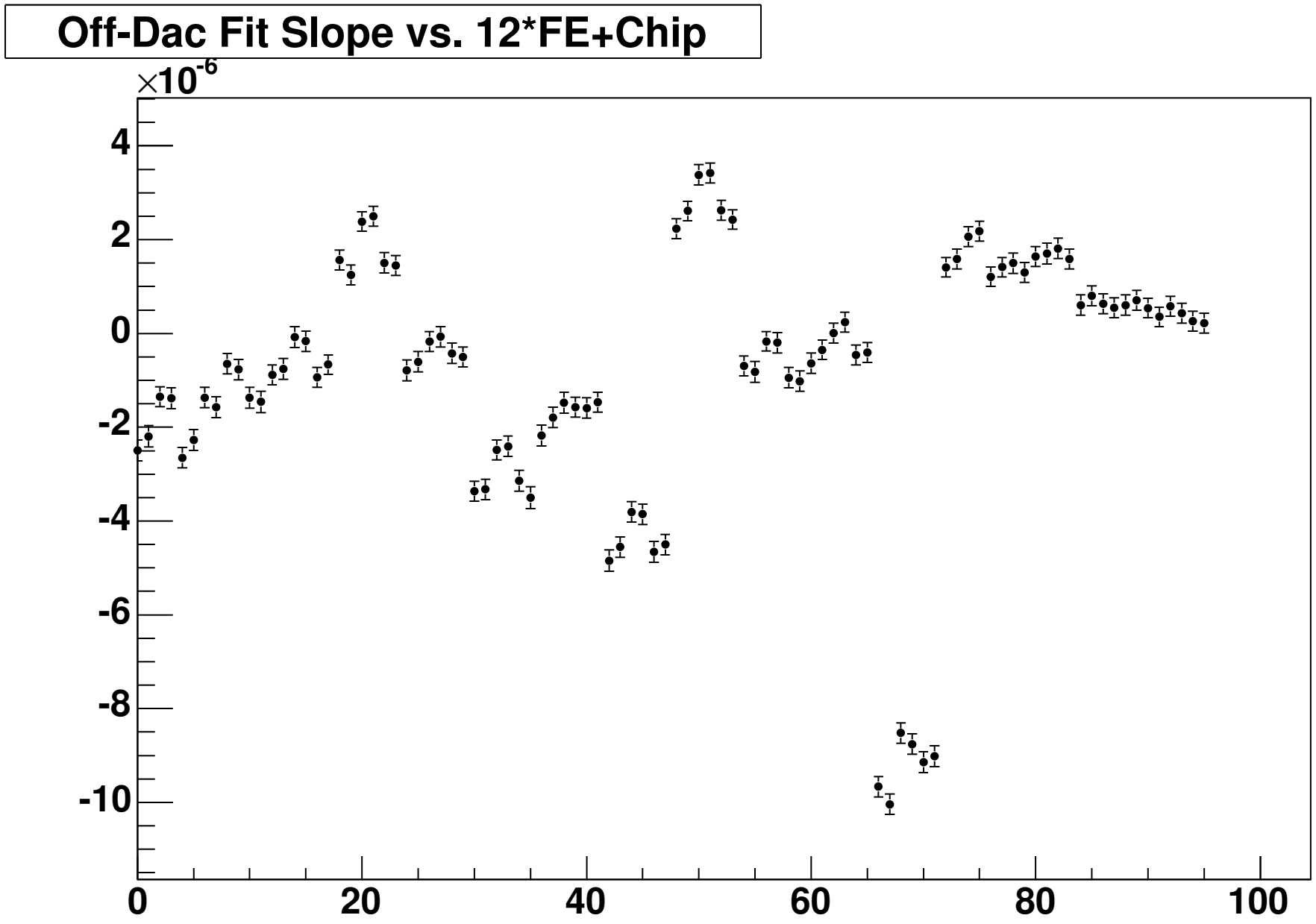

Disabled Dacs, Rms vs. 12*FE+Chip
7000
6000
5000
4000
3000
2000
1000
0
0
20
40
60
80
100

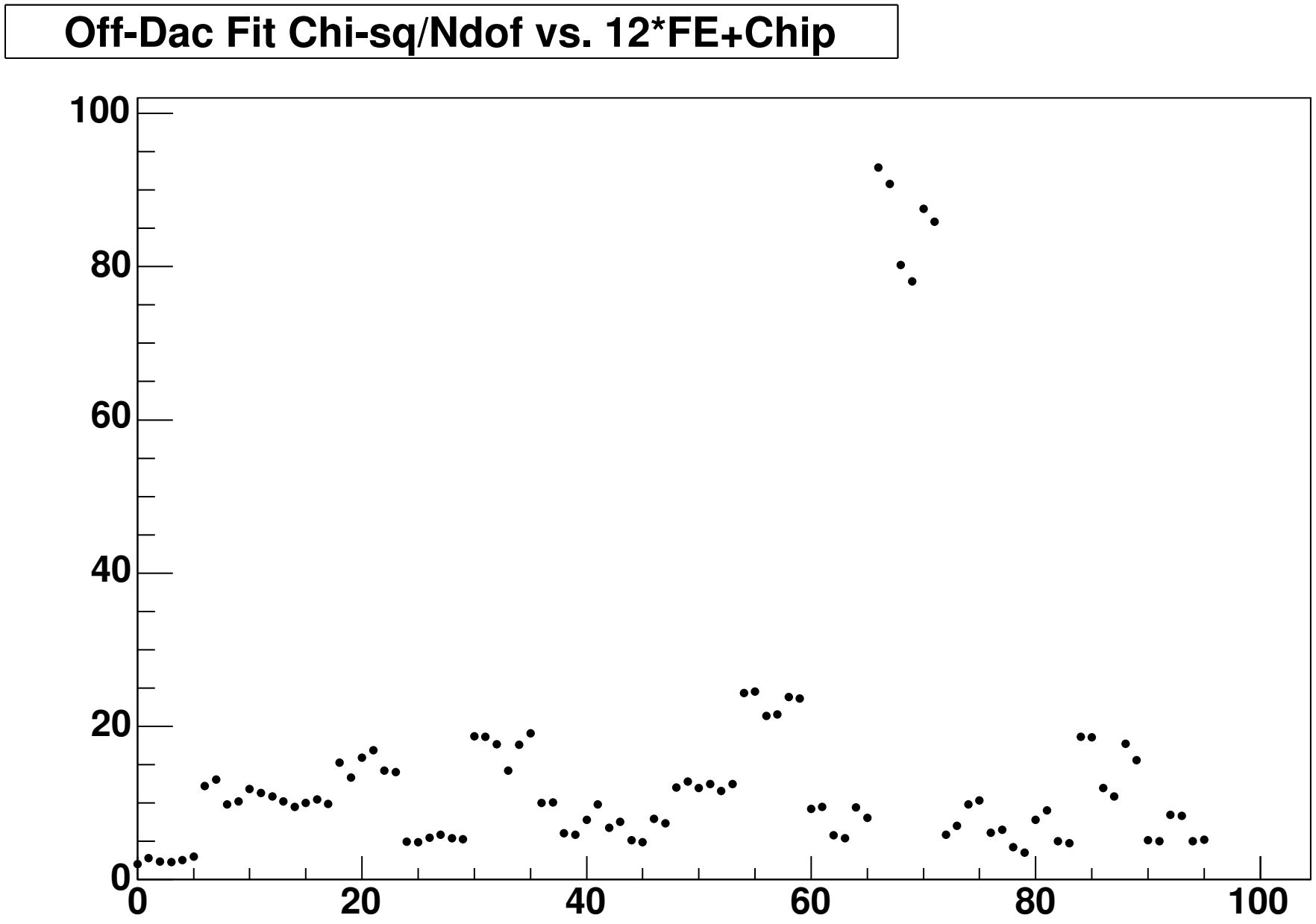

On-Dac Fit Interpolation vs. 12*FE+Chip
120
100
80
60
40
20
0
-20
-40
-60
-80
0
20
40
60
80
100

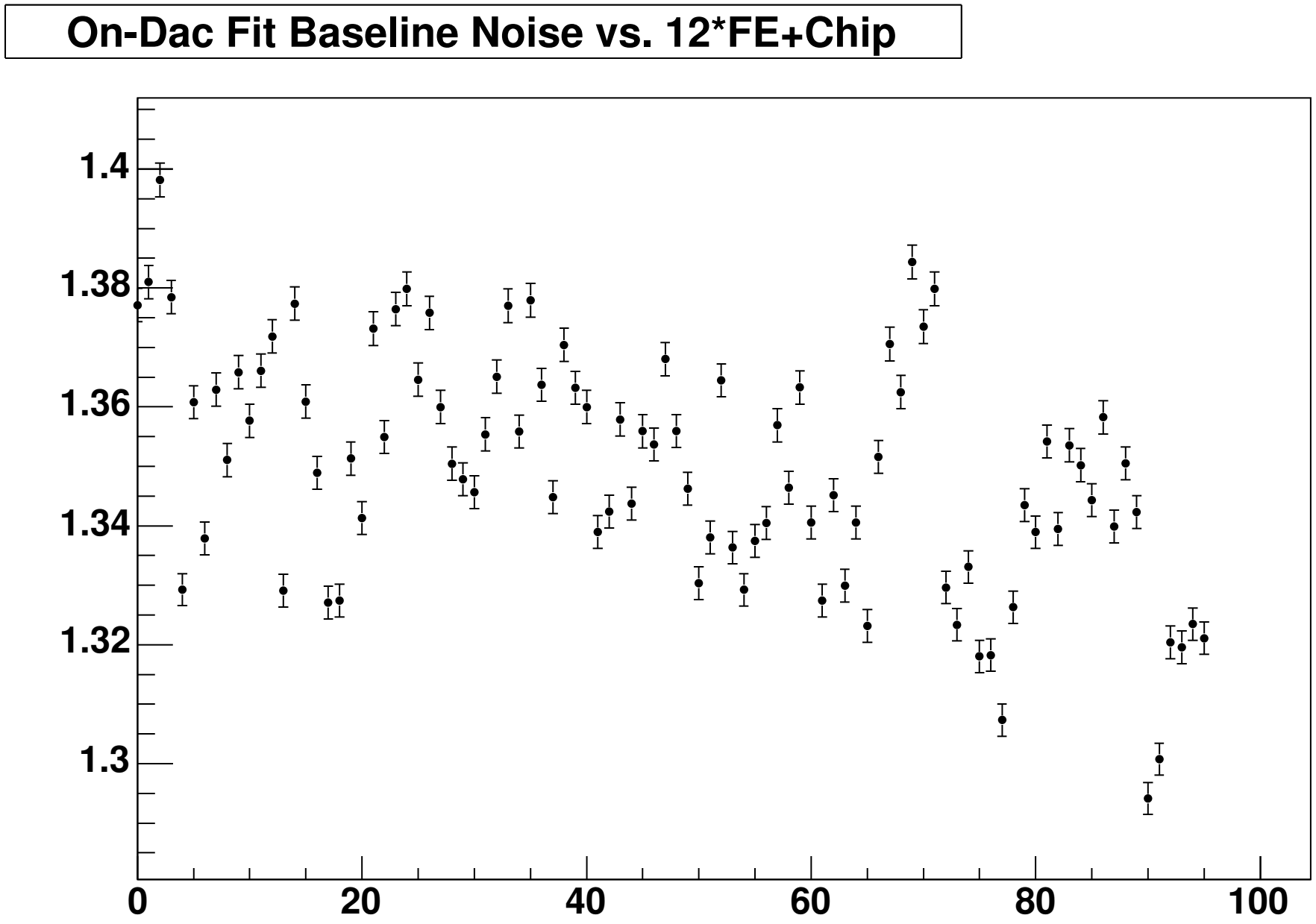

On-Dac Fit Slope vs. 12*FE+Chip
0.455
0.454
0.453
0.452
0.451
0.45
0.449
0
20
40
60
80
100

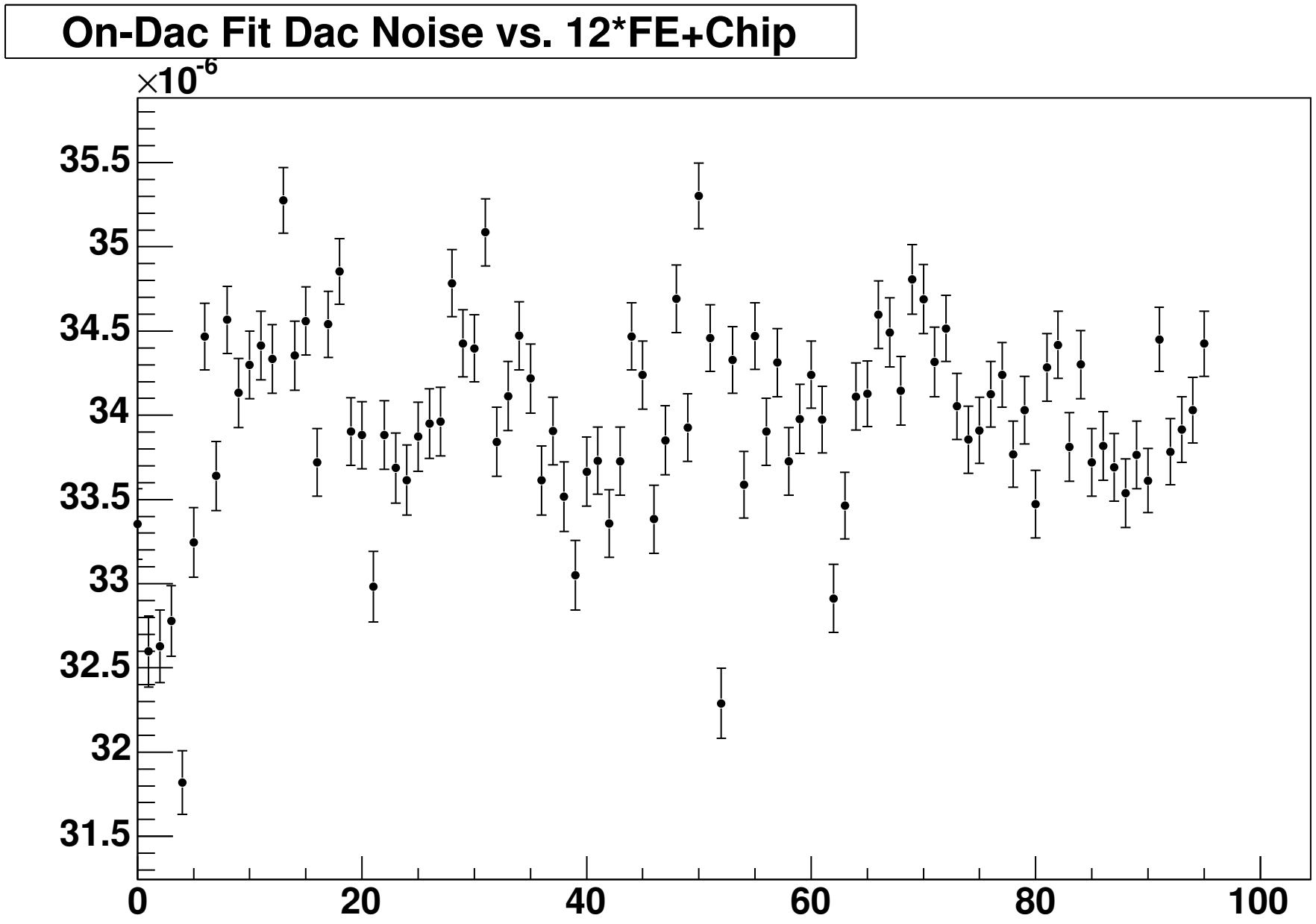

On-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
4500
4000
3500
3000
2500
2000
1500
1000
500
0
20
40
60
80
100

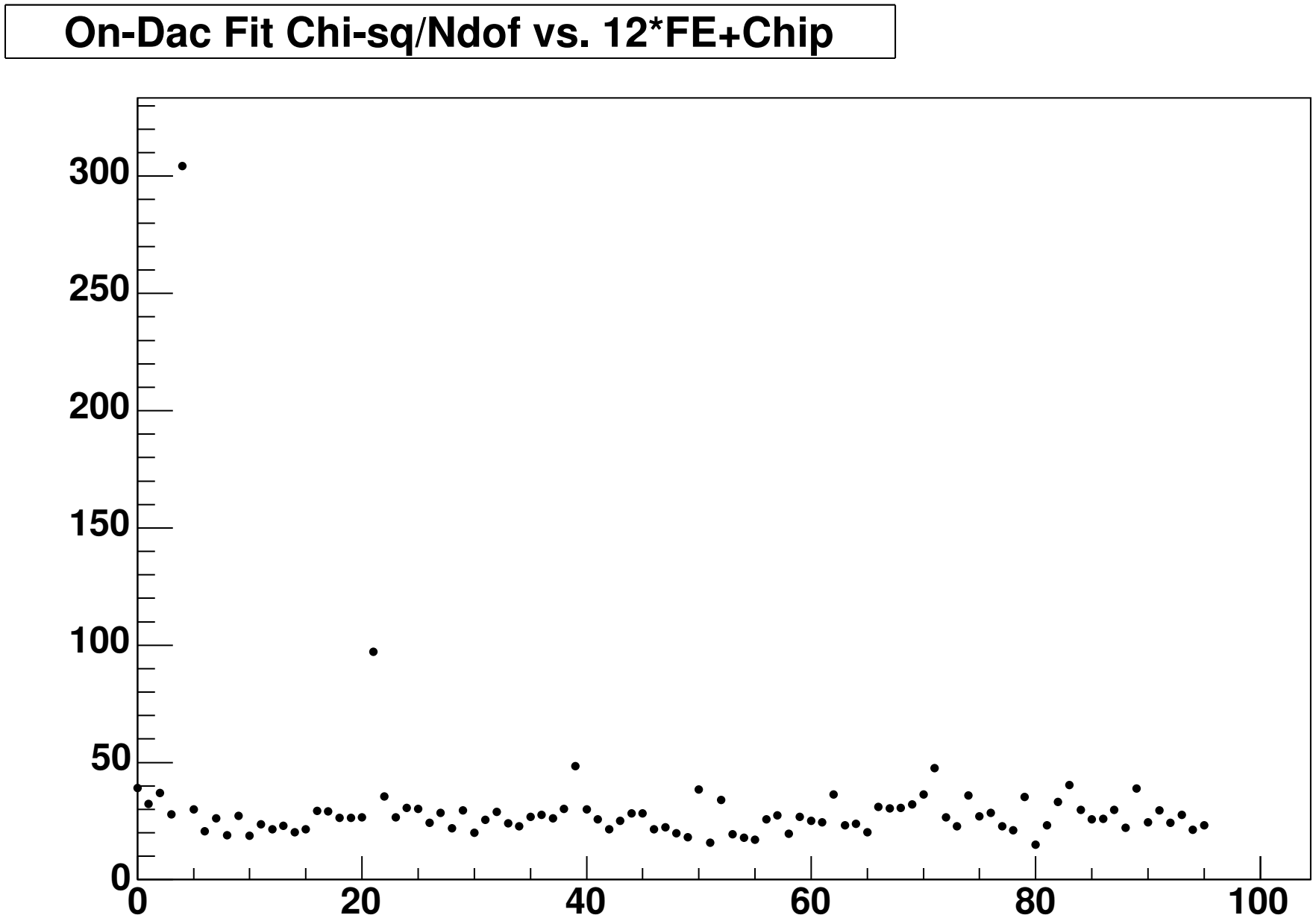

Off-Dac Fit Interpolation vs. 12*FE+Chip
120
100
80
60
40
20
0
-20
-40
-60
-80
0
20
40
60
80
100

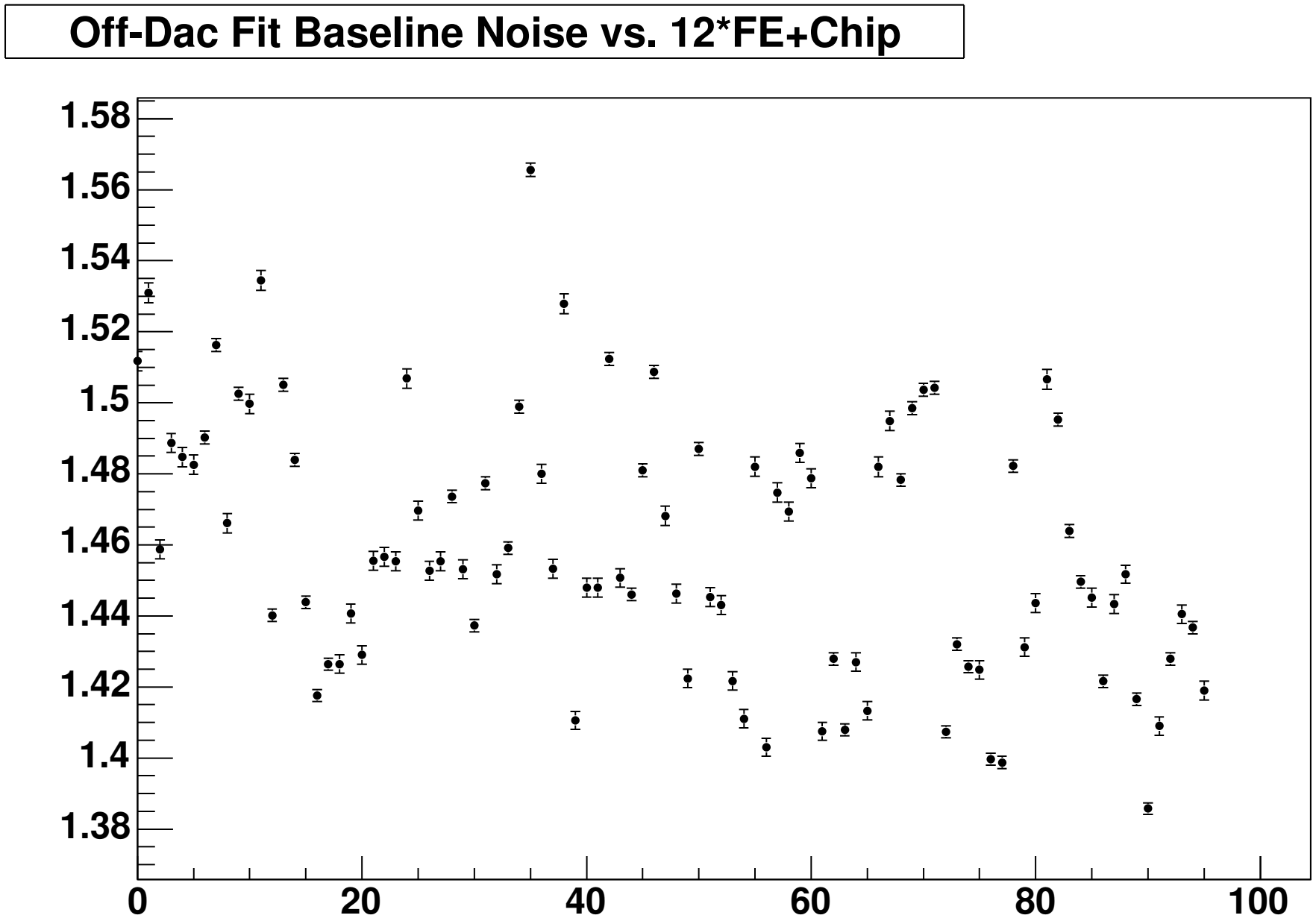

Off-Dac Fit Slope vs. 12*FE+Chip
×10^-6
4
2
0
-2
-4
-6
-8
-10
0
20
40
60
80
100

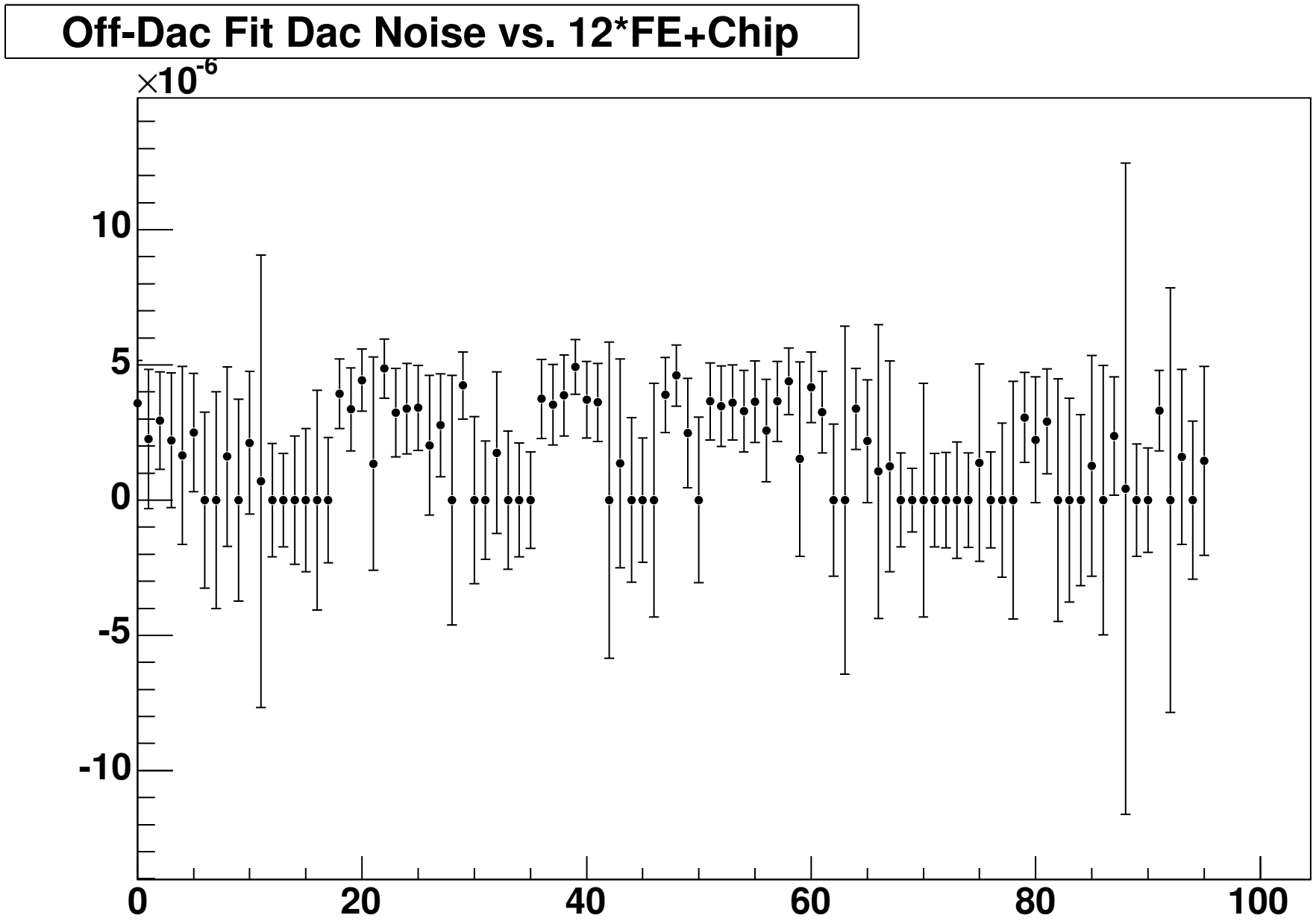

Off-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
100
80
60
40
20
0
0
20
40
60
80
100

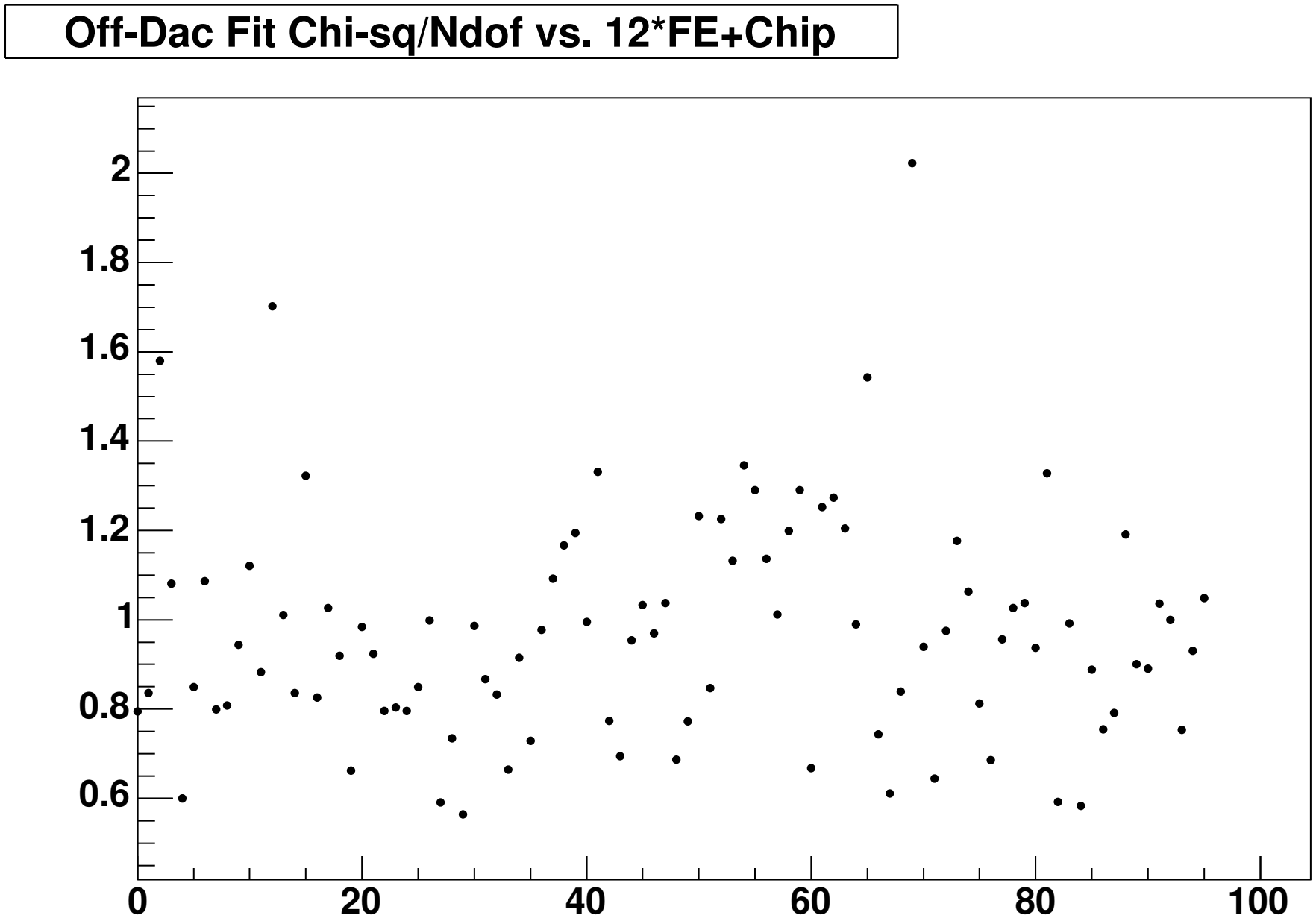

On-Dac Fit Baseline Noise vs. 12*FE+Chip
1.4
1.38
1.36
1.34
1.32
1.3
0
20
40
60
80
100

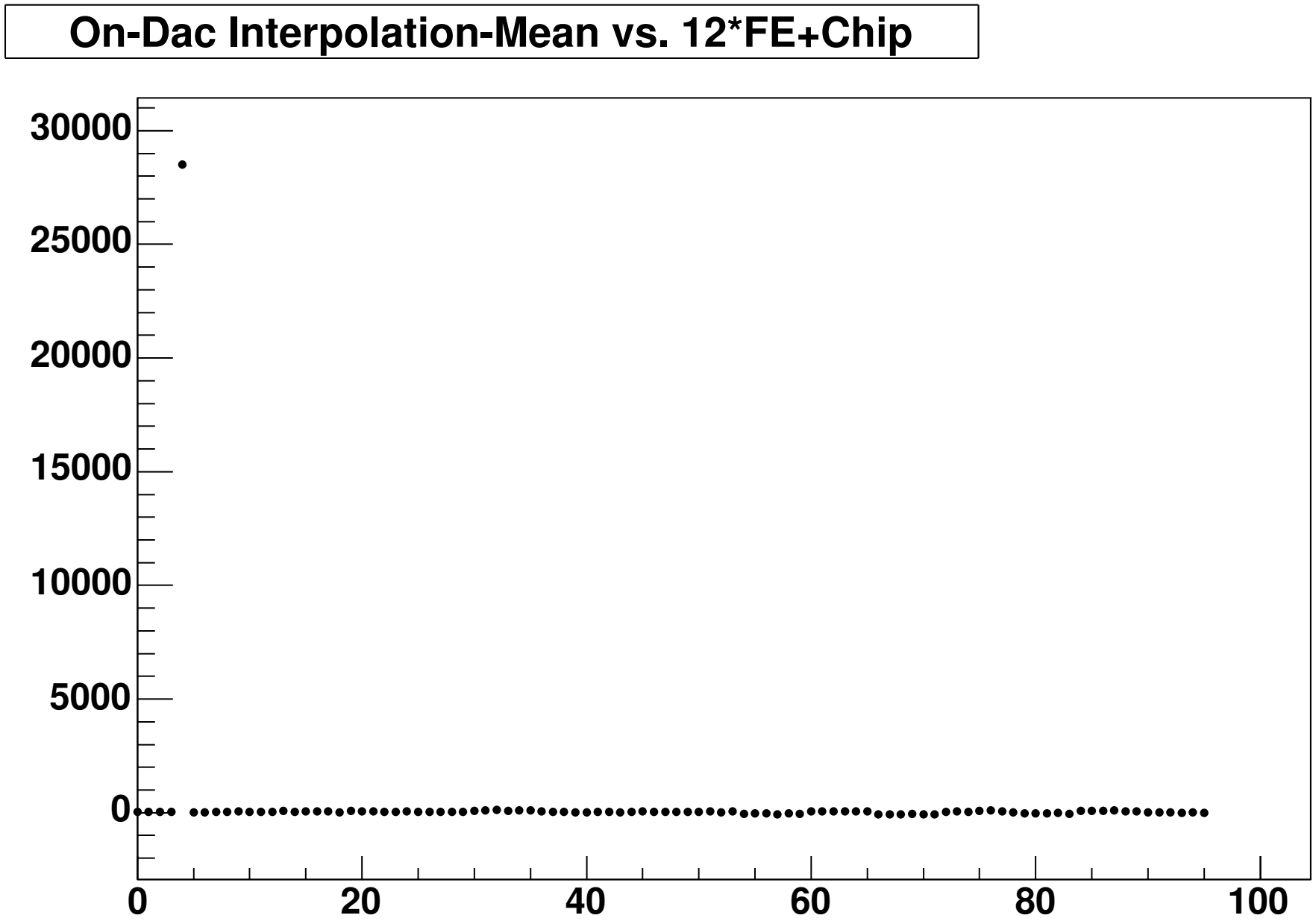

On-Dac Fit Dac Noise vs. 12*FE+Chip
×10^-6
35.5
35
34.5
34
33.5
33
32.5
32
31.5
0
20
40
60
80
100

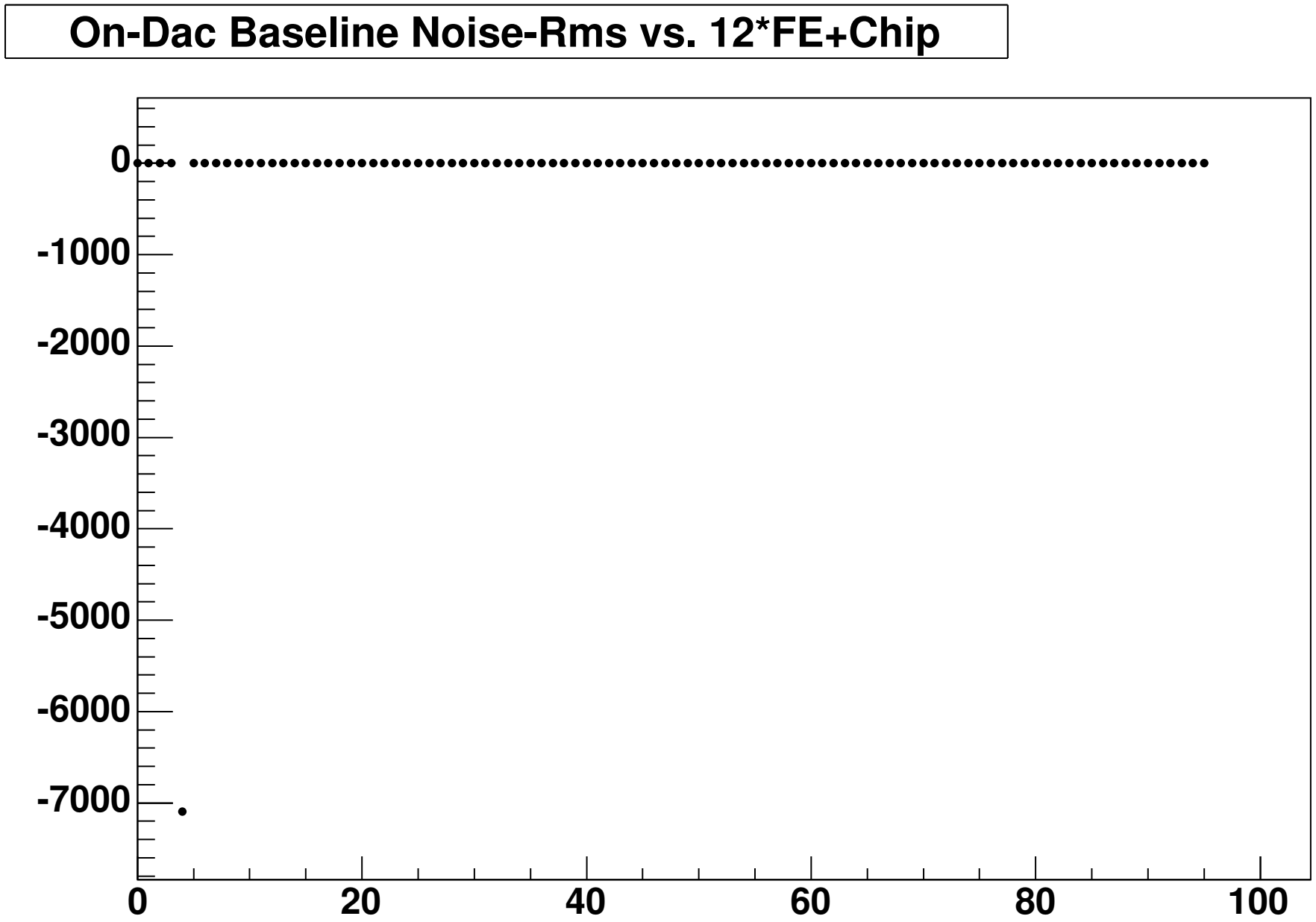

On-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
300
250
200
150
100
50
0
0
20
40
60
80
100

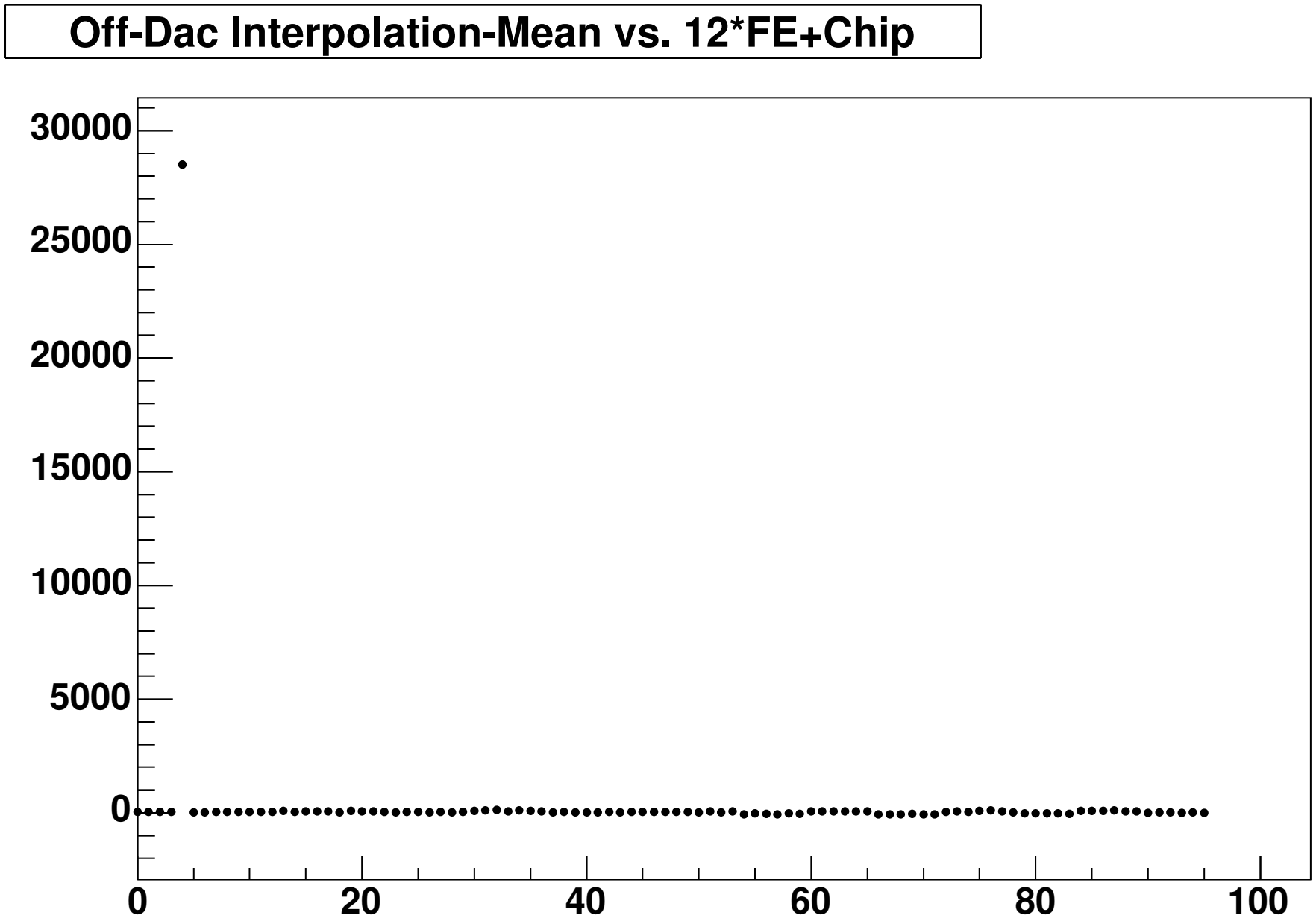

Off-Dac Fit Baseline Noise vs. 12*FE+Chip
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
0
20
40
60
80
100

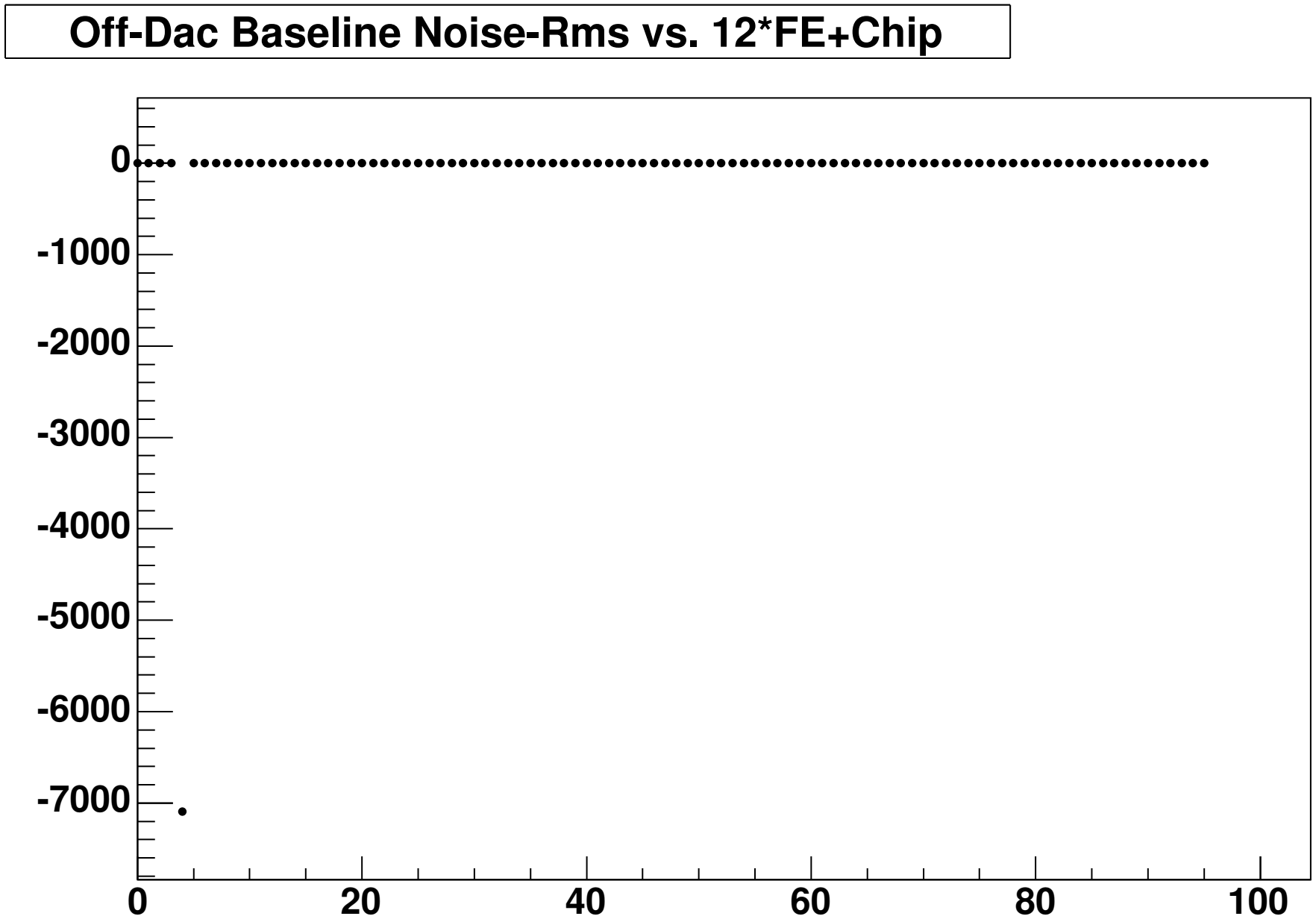

Off-Dac Fit Dac Noise vs. 12*FE+Chip
×10^-6
10
5
0
-5
-10
0
20
40
60
80
100


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


On-Dac Interpolation-Mean vs. 12*FE+Chip
30000
25000
20000
15000
10000
5000
0
0
20
40
60
80
100


On-Dac Baseline Noise-Rms vs. 12*FE+Chip
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
0
20
40
60
80
100


Off-Dac Interpolation-Mean vs. 12*FE+Chip
30000
25000
20000
15000
10000
5000
0
0
20
40
60
80
100


Off-Dac Baseline Noise-Rms vs. 12*FE+Chip
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
0
20
40
60
80
100