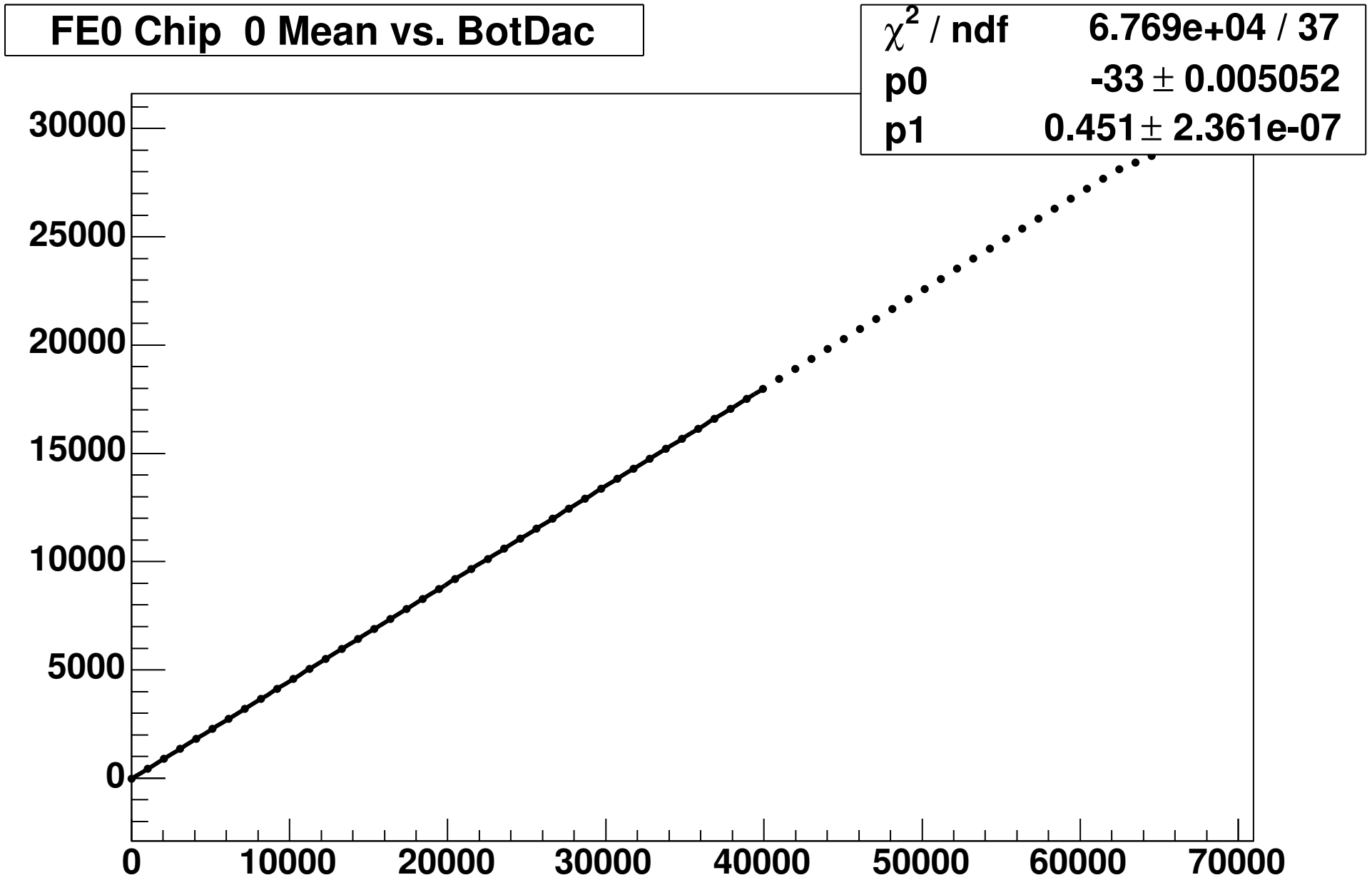
FE0 Chip 0 Mean vs. BotDac
χ² / ndf 6.769e+04 / 37
p0 -33 ± 0.005052
p1 0.451 ± 2.361e-07
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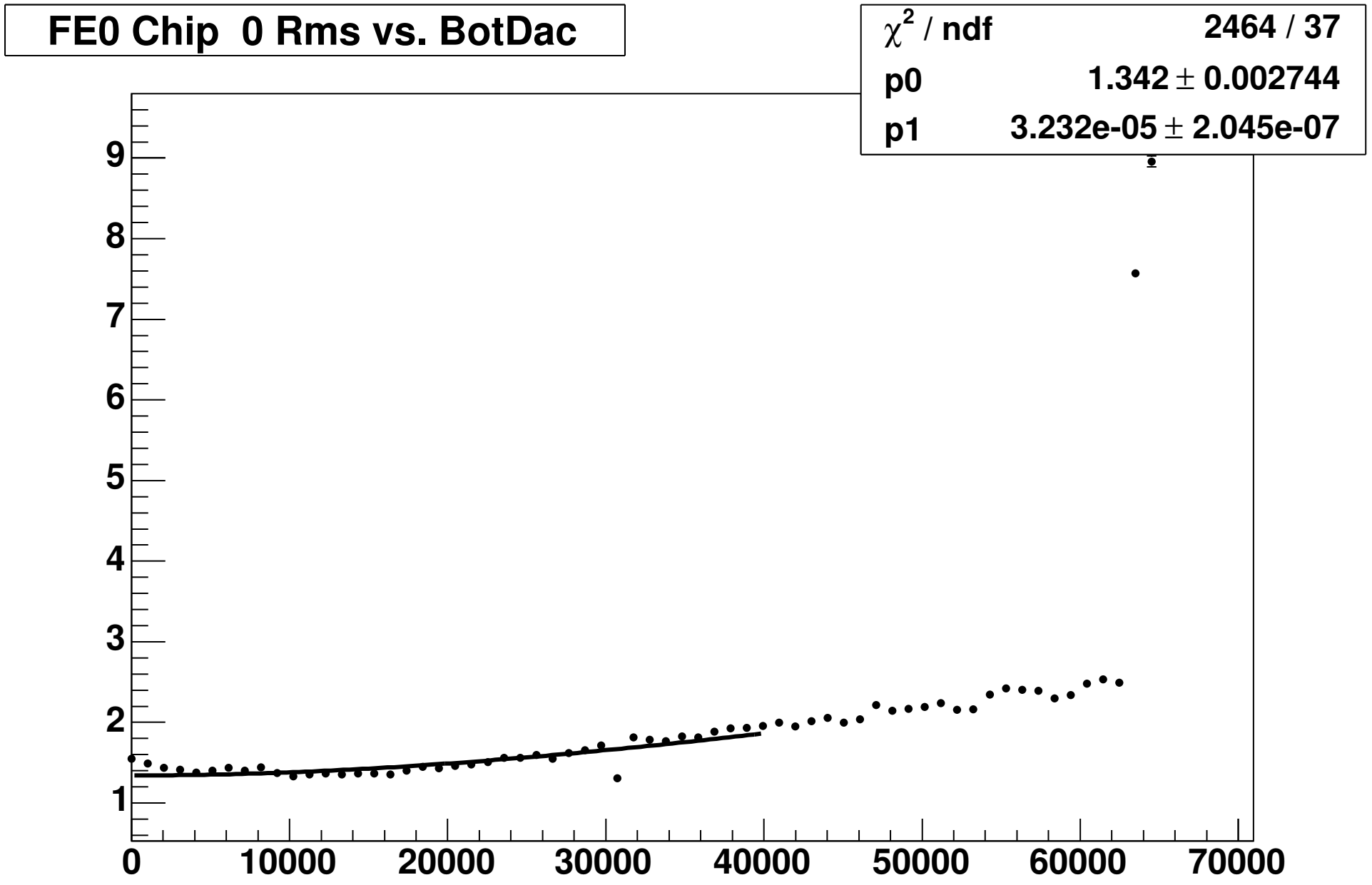
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 0 Rms vs. BotDac
χ² / ndf 2464 / 37
p0 1.342 ± 0.002744
p1 3.232e-05 ± 2.045e-07
9
8
7
6
5
4
3
2
1
0
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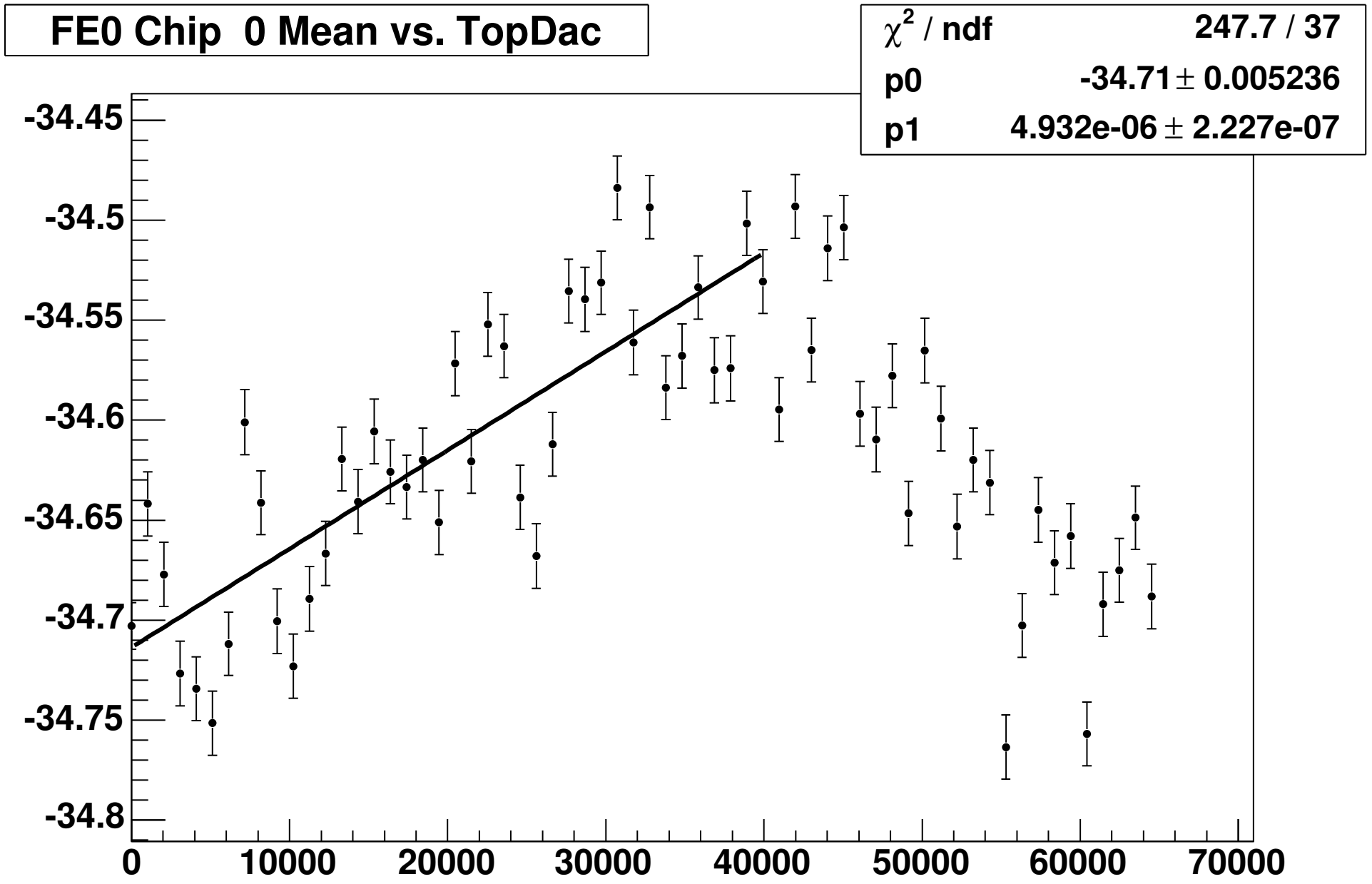
20000
30000
40000
50000
60000
70000


FE0 Chip 0 Mean vs. TopDac
χ² / ndf 247.7 / 37
p0 -34.71 ± 0.005236
p1 4.932e-06 ± 2.227e-07
-34.45
-34.5
-34.55
-34.6
-34.65
-34.7
-34.75
-34.8
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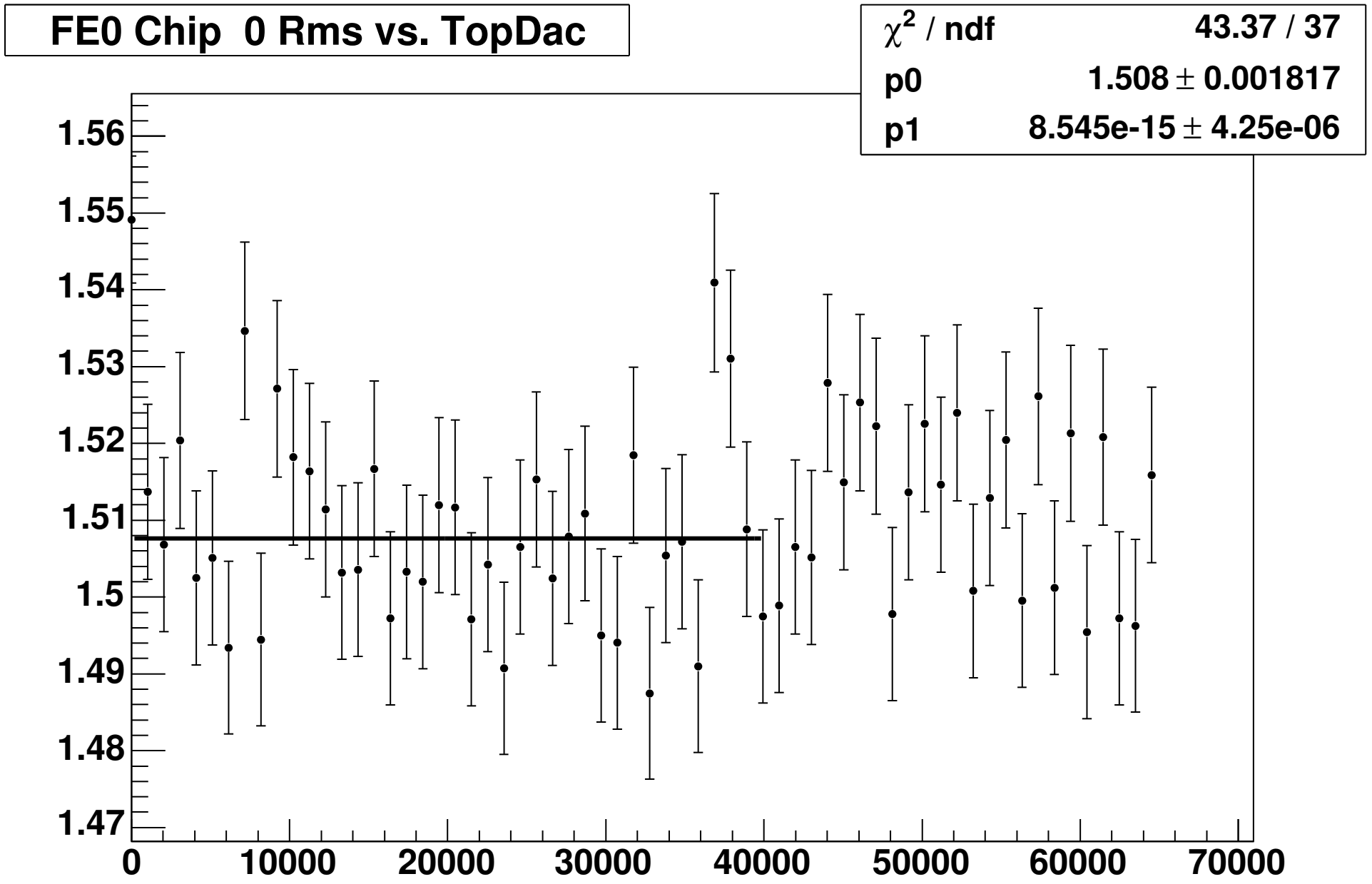
FE0 Chip 0 Rms vs. TopDac
χ² / ndf 43.37 / 37
p0 1.508 ± 0.001817
p1 8.545e-15 ± 4.25e-06
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
0
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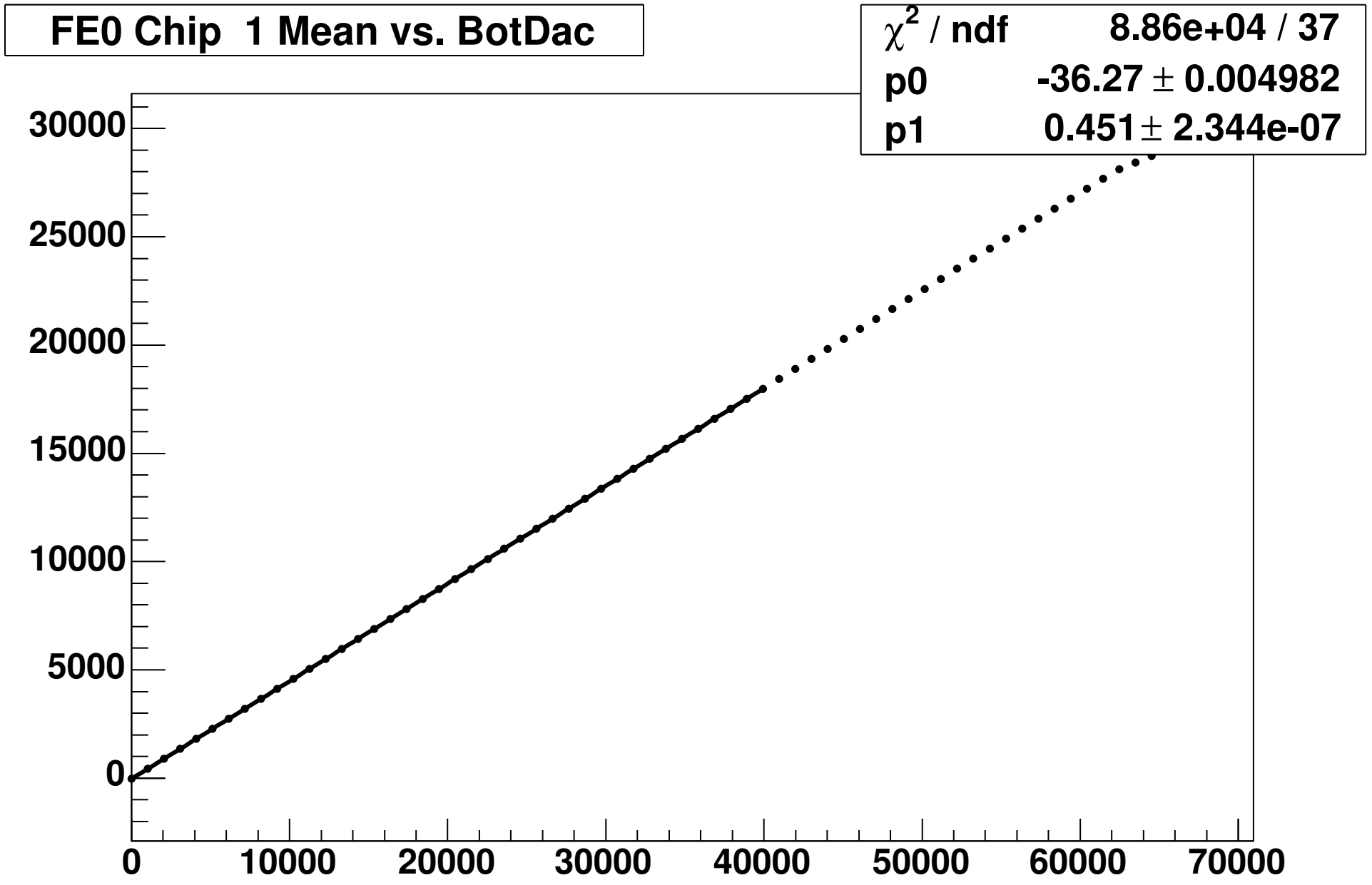
FE0 Chip 1 Mean vs. BotDac
χ² / ndf 8.86e+04 / 37
p0 -36.27 ± 0.004982
p1 0.451 ± 2.344e-07
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15000
10000
5000
0
0
10000
20000
30000
40000
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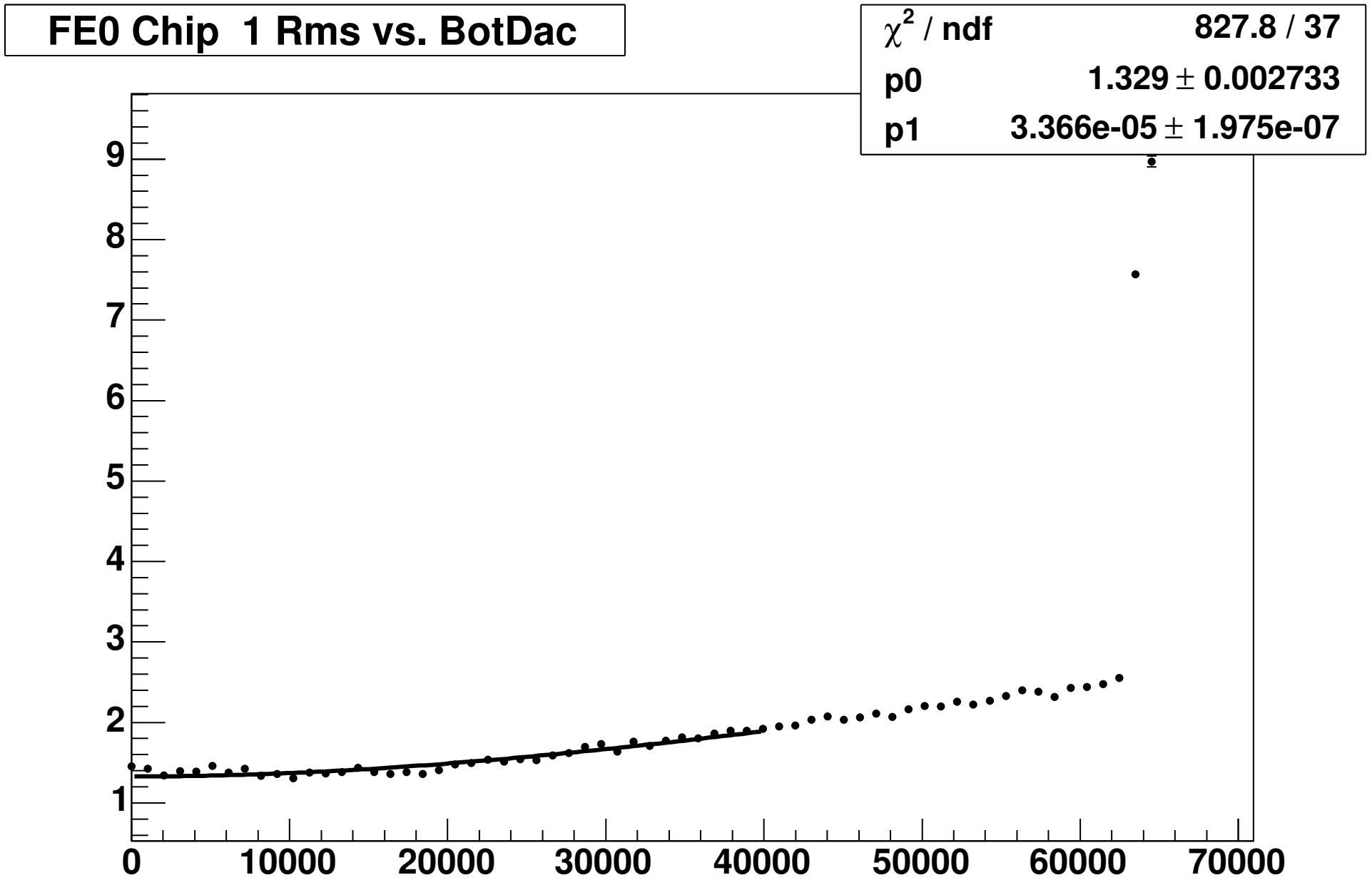
60000
70000


FE0 Chip 1 Rms vs. BotDac
χ² / ndf 827.8 / 37
p0 1.329 ± 0.002733
p1 3.366e-05 ± 1.975e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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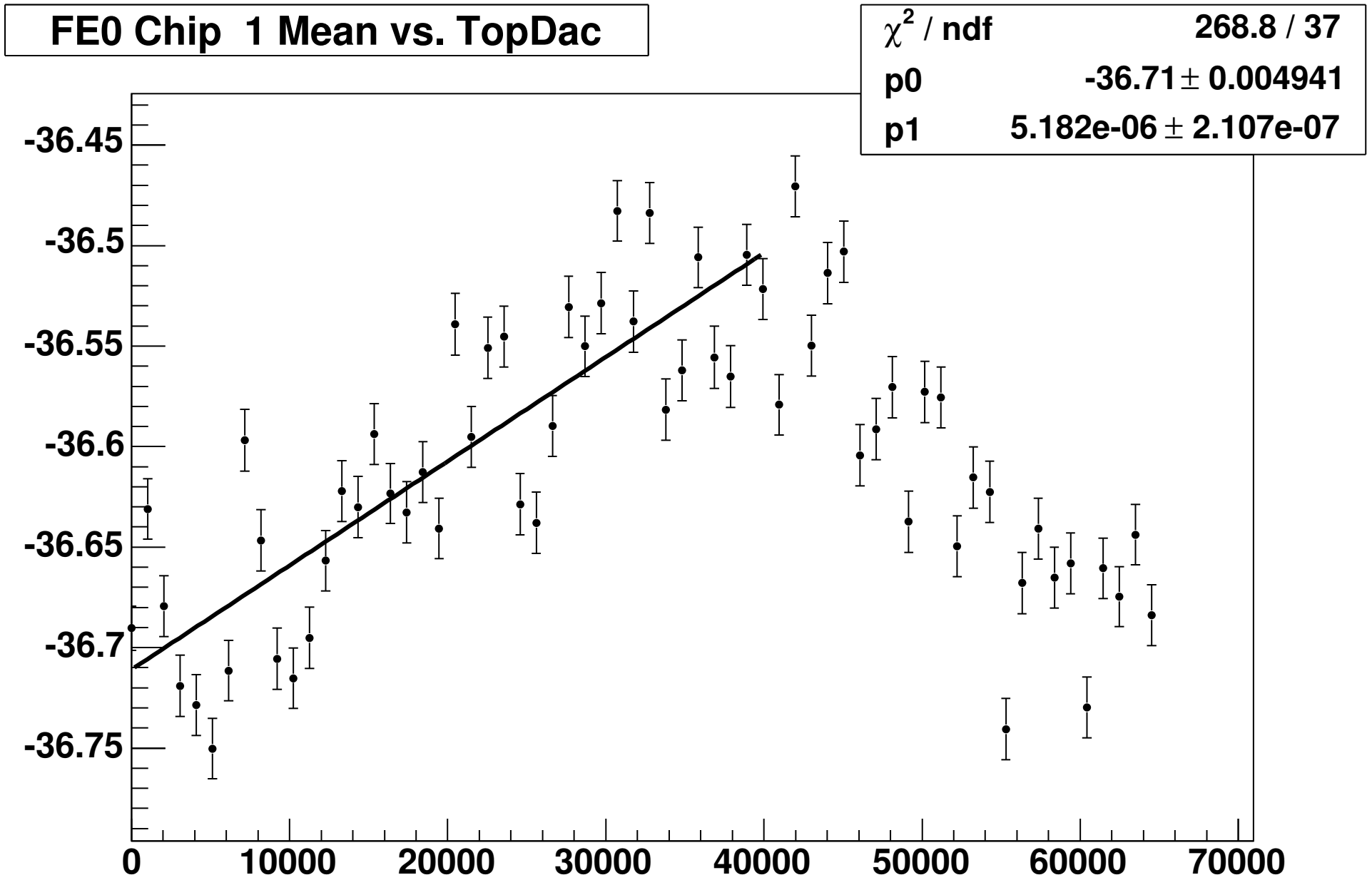
FE0 Chip 1 Mean vs. TopDac
χ² / ndf 268.8 / 37
p0 -36.71 ± 0.004941
p1 5.182e-06 ± 2.107e-07
-36.45
-36.5
-36.55
-36.6
-36.65
-36.7
-36.75
0
10000
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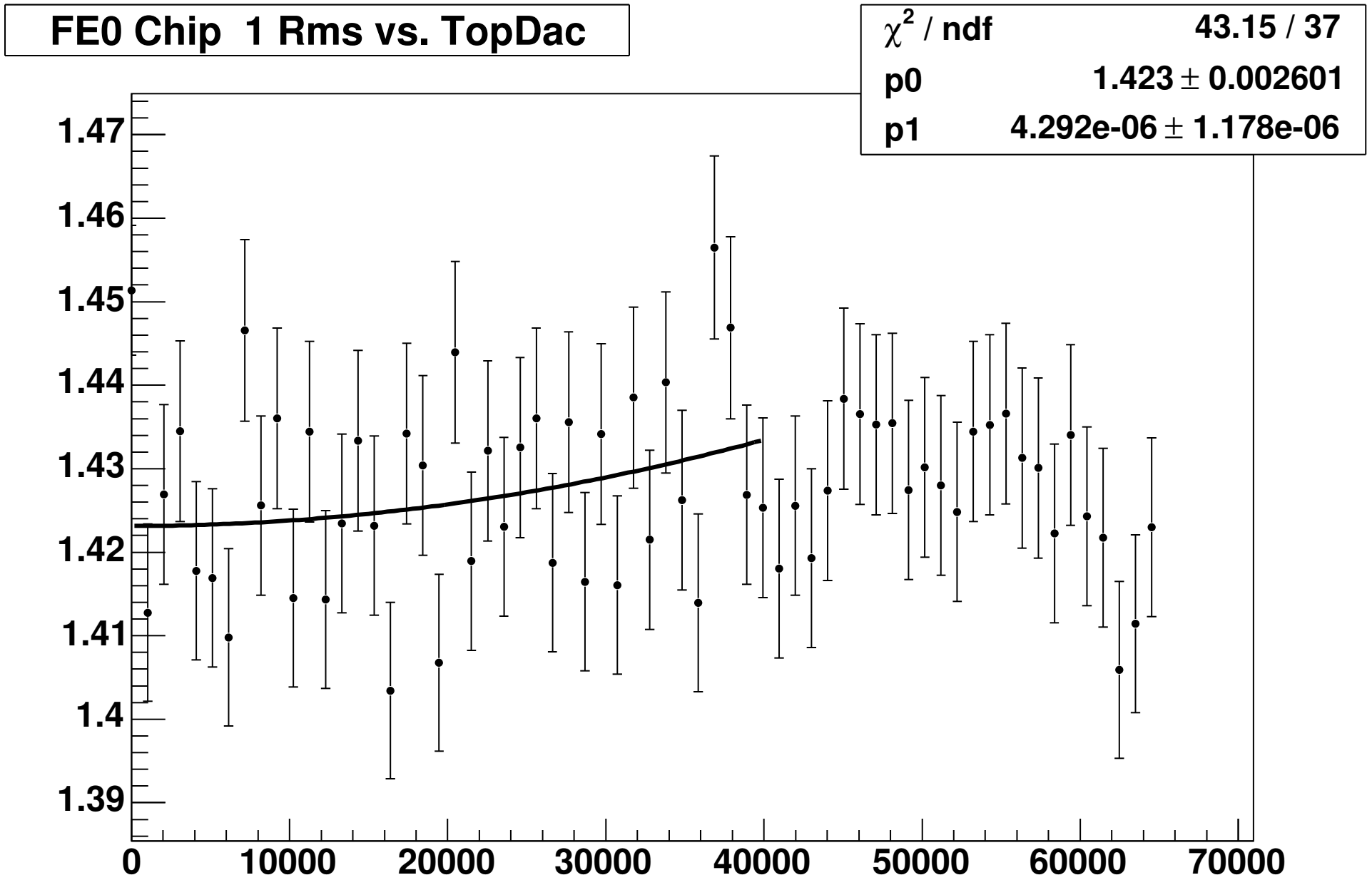
60000
70000


FE0 Chip 1 Rms vs. TopDac
χ² / ndf 43.15 / 37
p0 1.423 ± 0.002601
p1 4.292e-06 ± 1.178e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
10000
20000
30000
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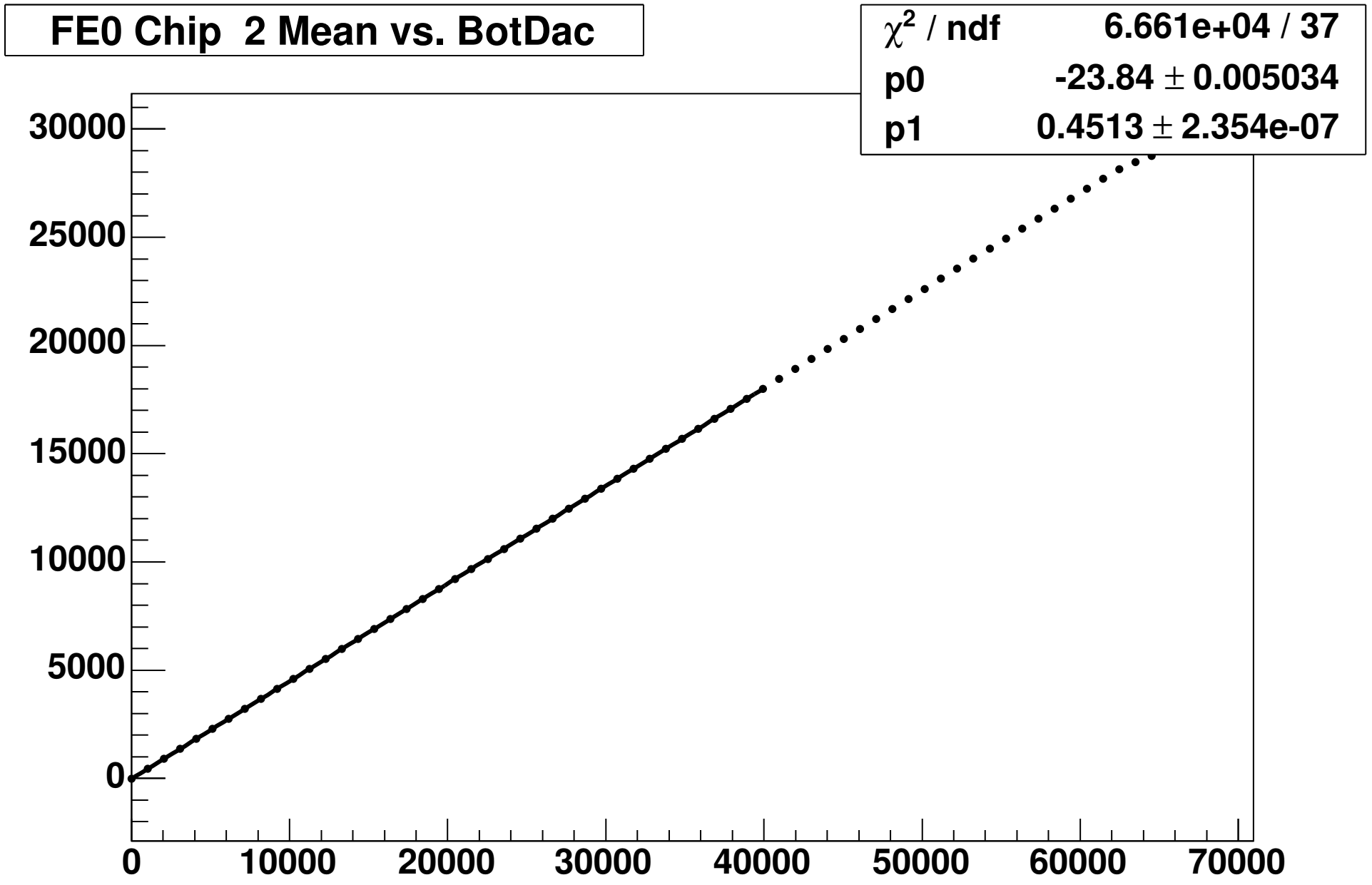
50000
60000
70000


FE0 Chip 2 Mean vs. BotDac
χ² / ndf 6.661e+04 / 37
p0 -23.84 ± 0.005034
p1 0.4513 ± 2.354e-07
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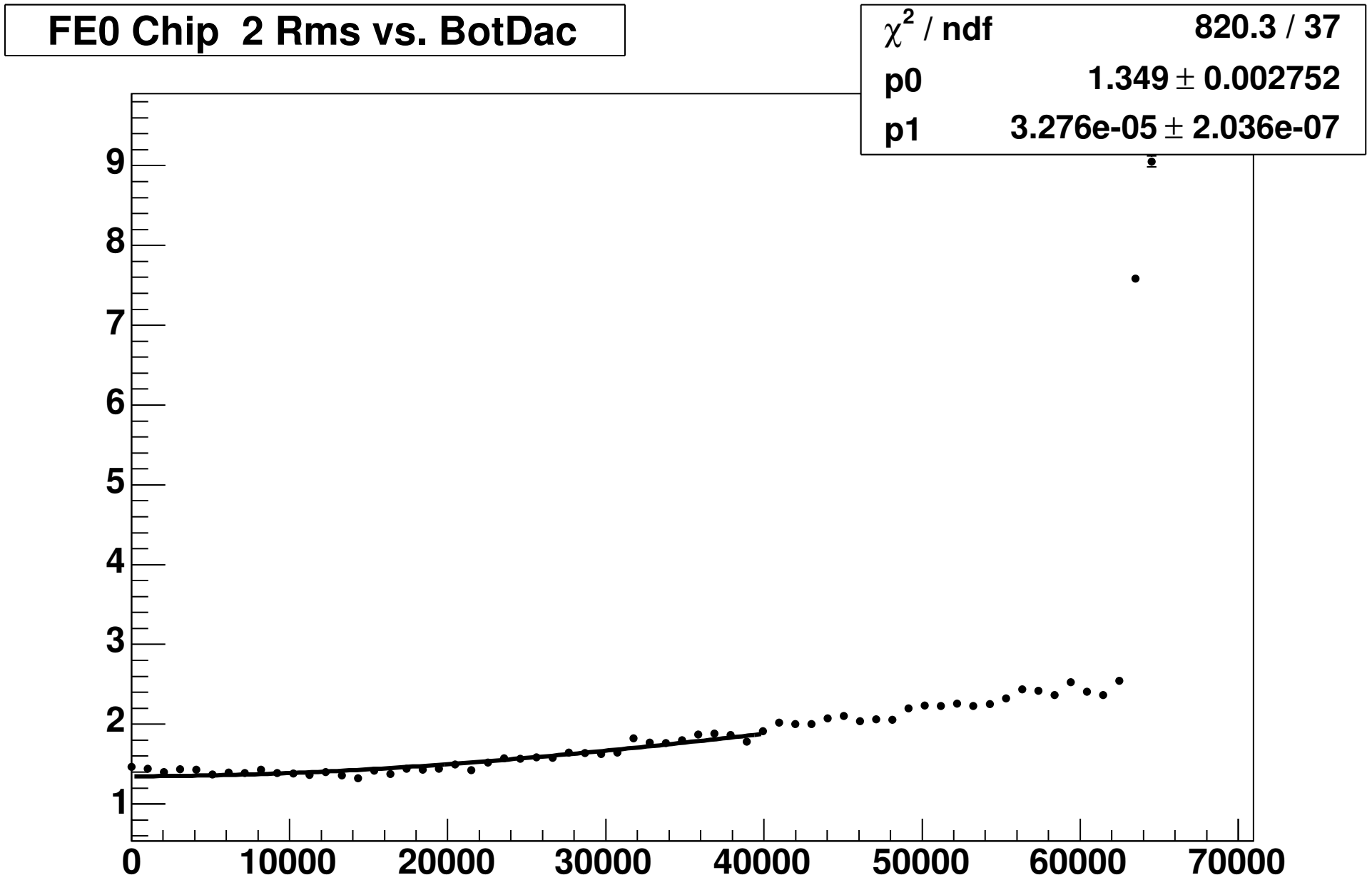
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 2 Rms vs. BotDac
χ² / ndf 820.3 / 37
p0 1.349 ± 0.002752
p1 3.276e-05 ± 2.036e-07
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8
7
6
5
4
3
2
1
0
10000
20000
30000
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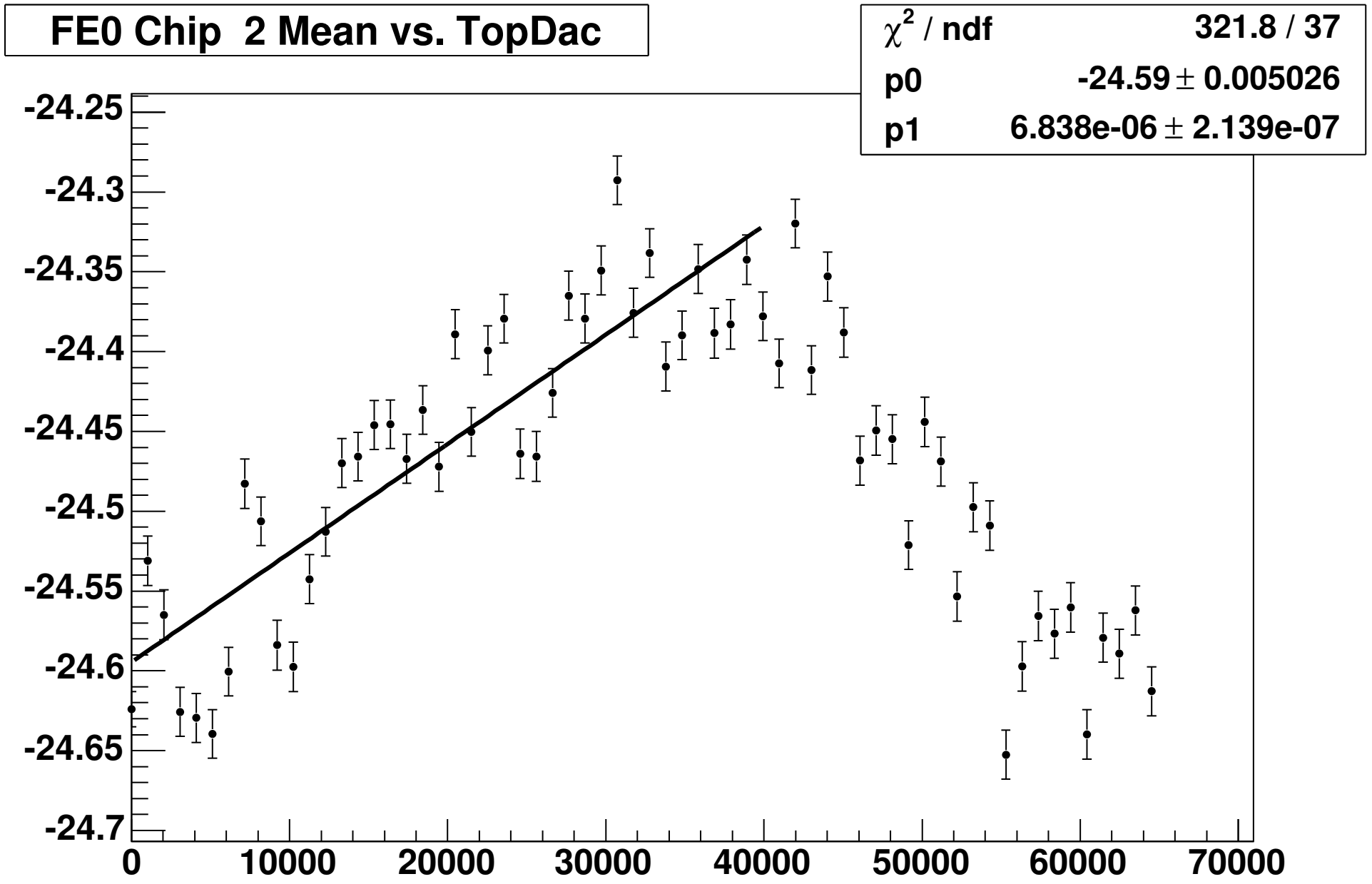
50000
60000
70000


FE0 Chip 2 Mean vs. TopDac
χ² / ndf 321.8 / 37
p0 -24.59 ± 0.005026
p1 6.838e-06 ± 2.139e-07
-24.25
-24.3
-24.35
-24.4
-24.45
-24.5
-24.55
-24.6
-24.65
-24.7
0
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30000
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50000
60000
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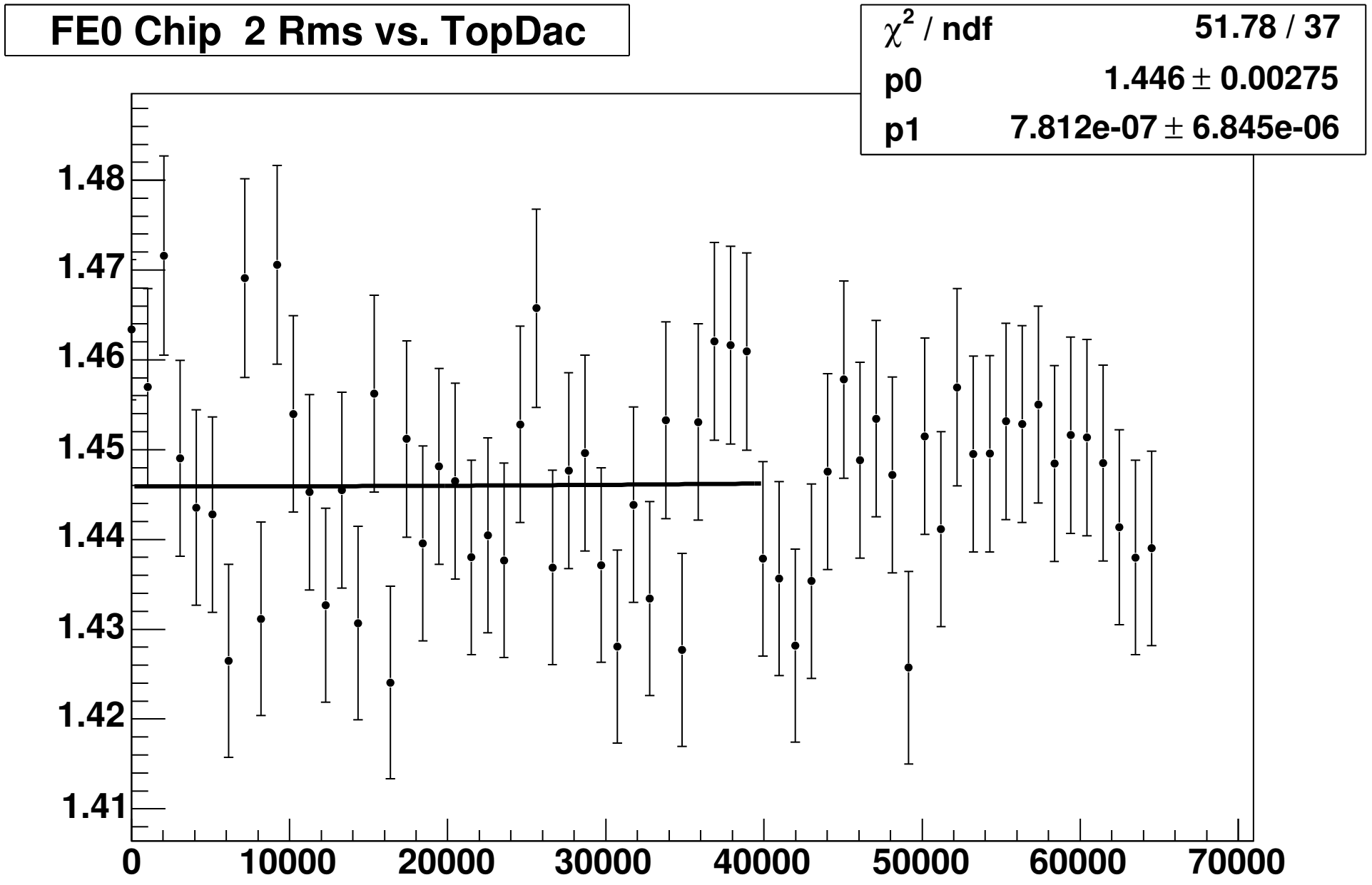
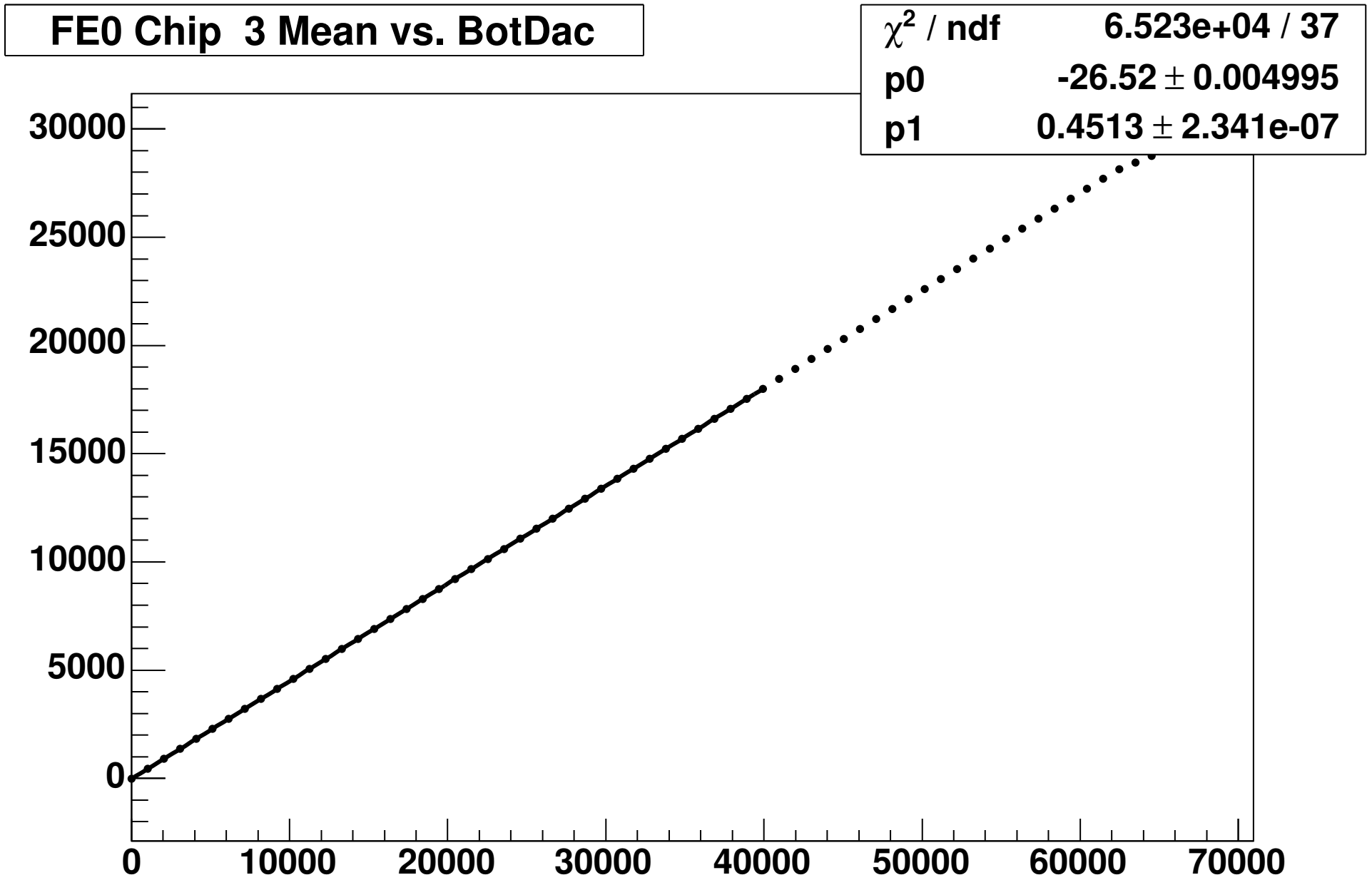

FE0 Chip 2 Rms vs. TopDac
χ² / ndf 51.78 / 37
p0 1.446 ± 0.00275
p1 7.812e-07 ± 6.845e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 3 Mean vs. BotDac
χ² / ndf 6.523e+04 / 37
p0 -26.52 ± 0.004995
p1 0.4513 ± 2.341e-07
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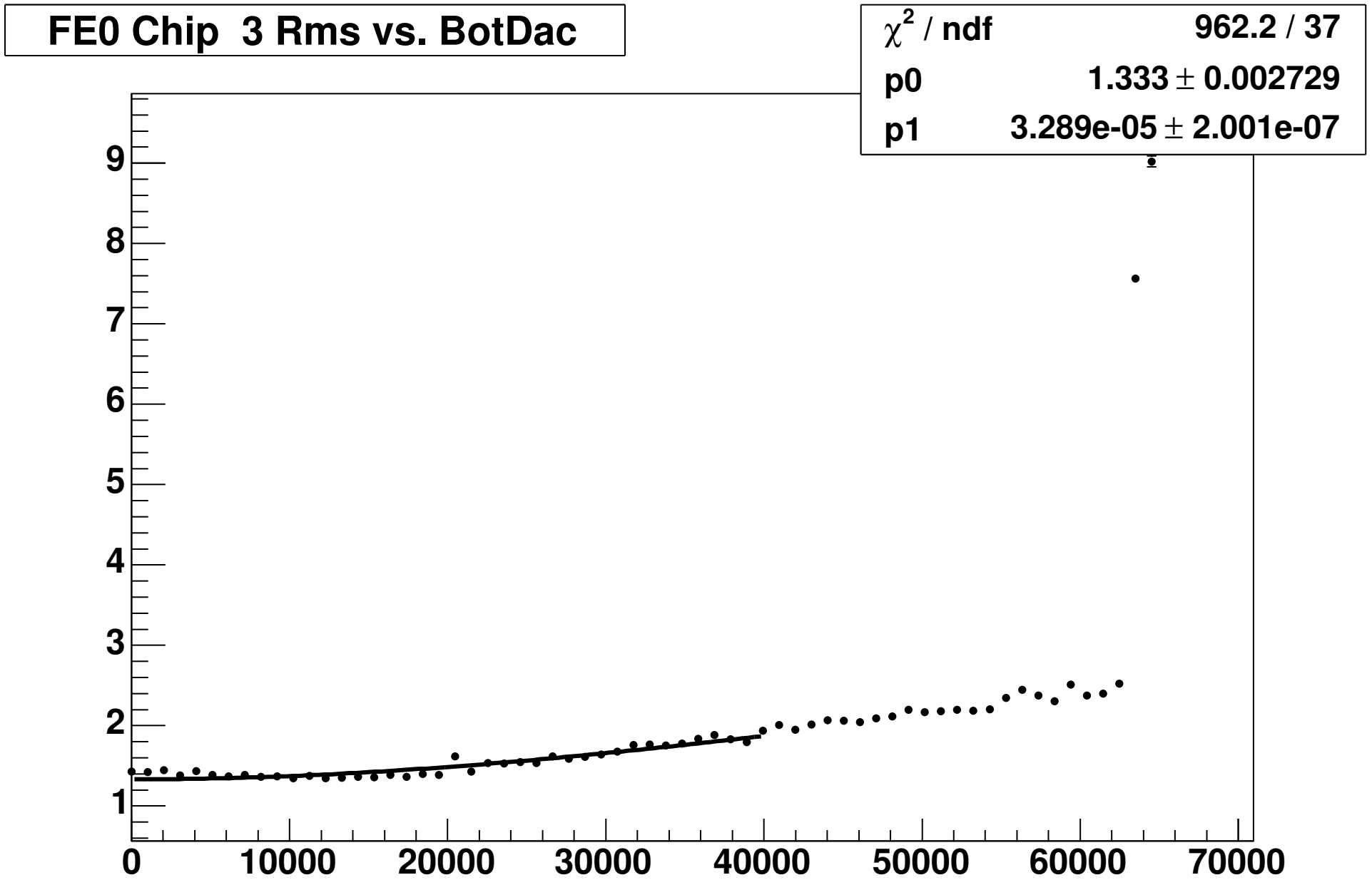
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 3 Rms vs. BotDac
χ² / ndf 962.2 / 37
p0 1.333 ± 0.002729
p1 3.289e-05 ± 2.001e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
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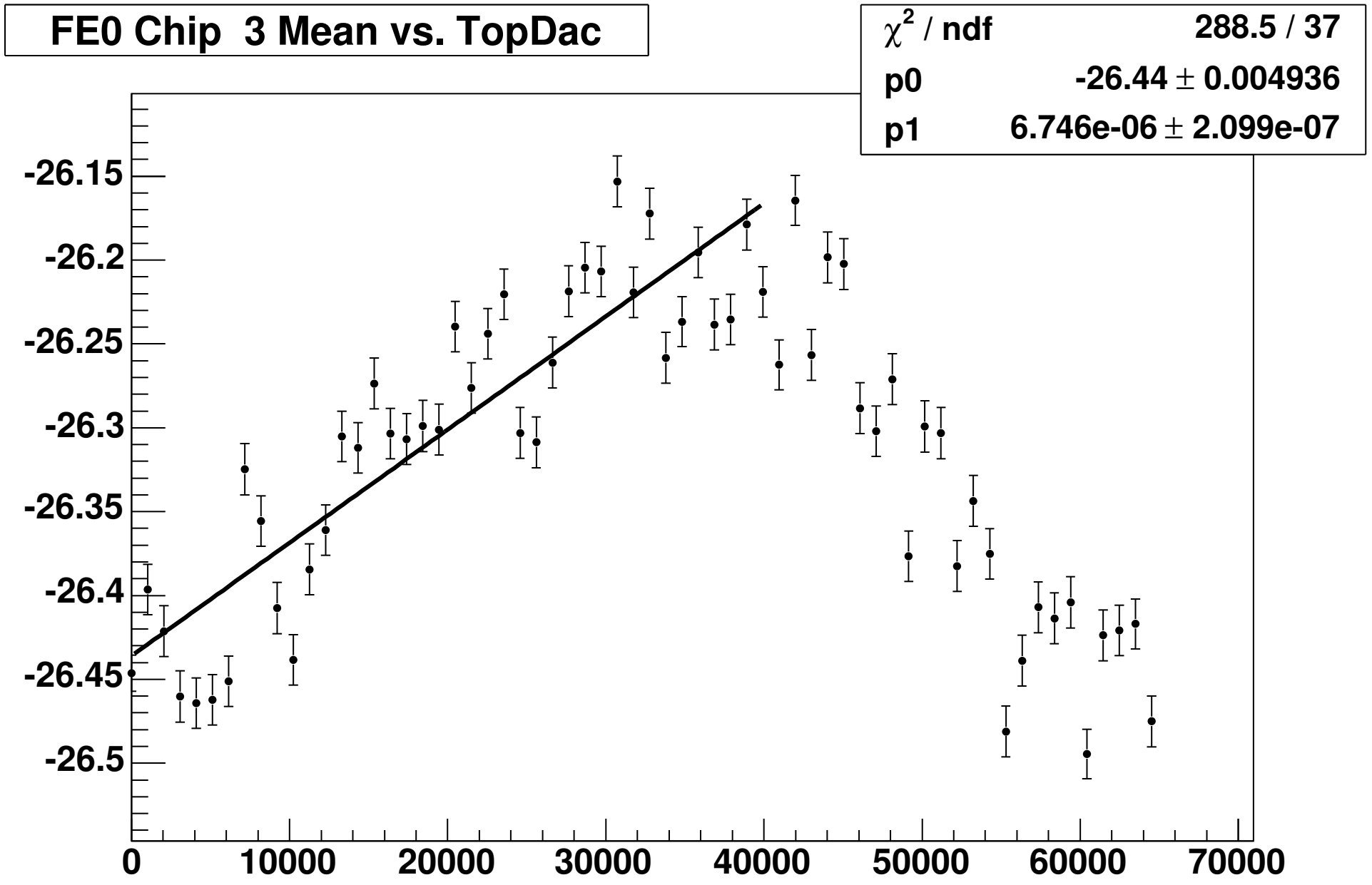
FE0 Chip 3 Mean vs. TopDac
χ² / ndf 288.5 / 37
p0 -26.44 ± 0.004936
p1 6.746e-06 ± 2.099e-07
-26.15
-26.2
-26.25
-26.3
-26.35
-26.4
-26.45
-26.5
0
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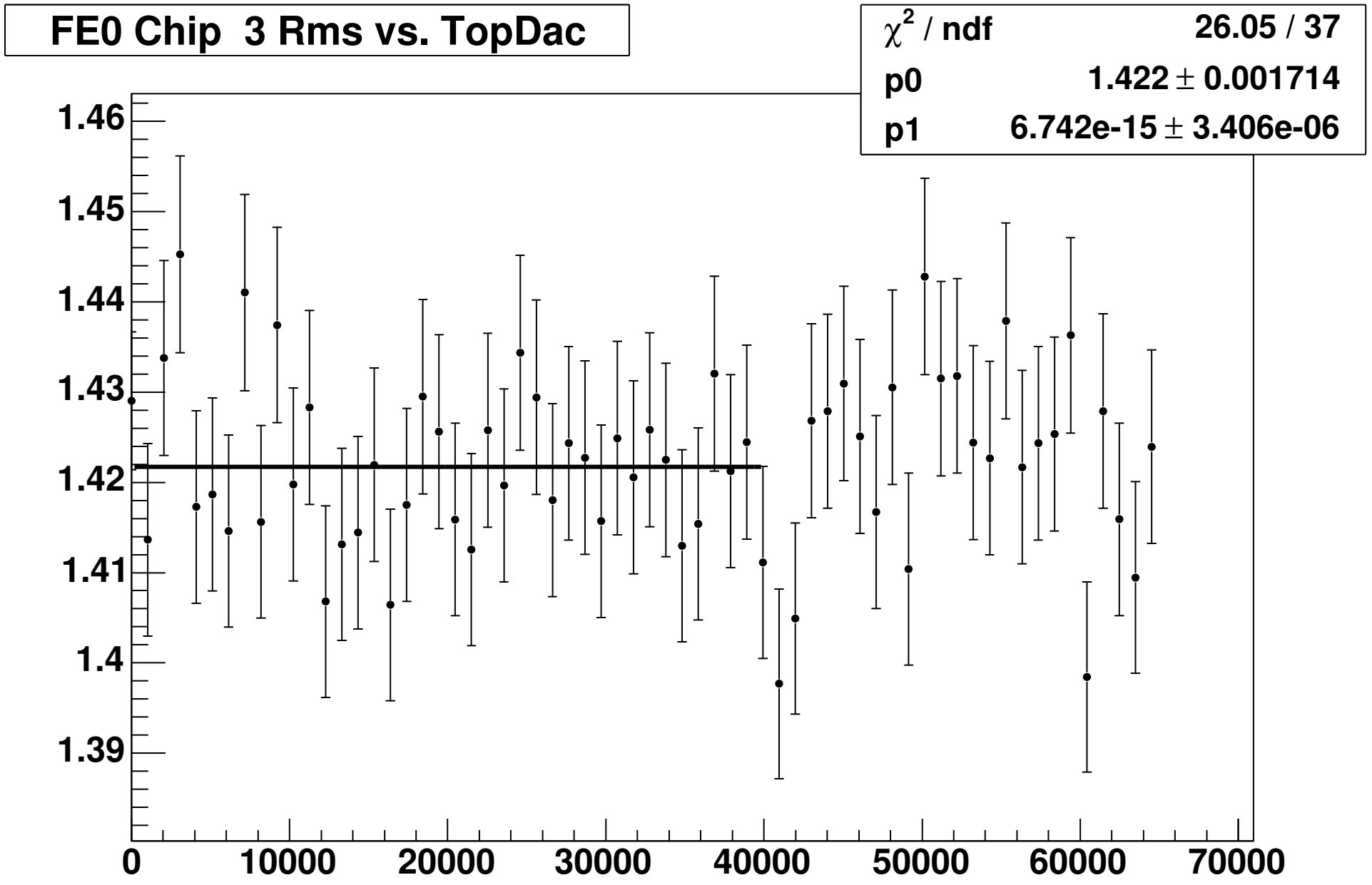
FE0 Chip 3 Rms vs. TopDac
χ² / ndf 26.05 / 37
p0 1.422 ± 0.001714
p1 6.742e-15 ± 3.406e-06
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
10000
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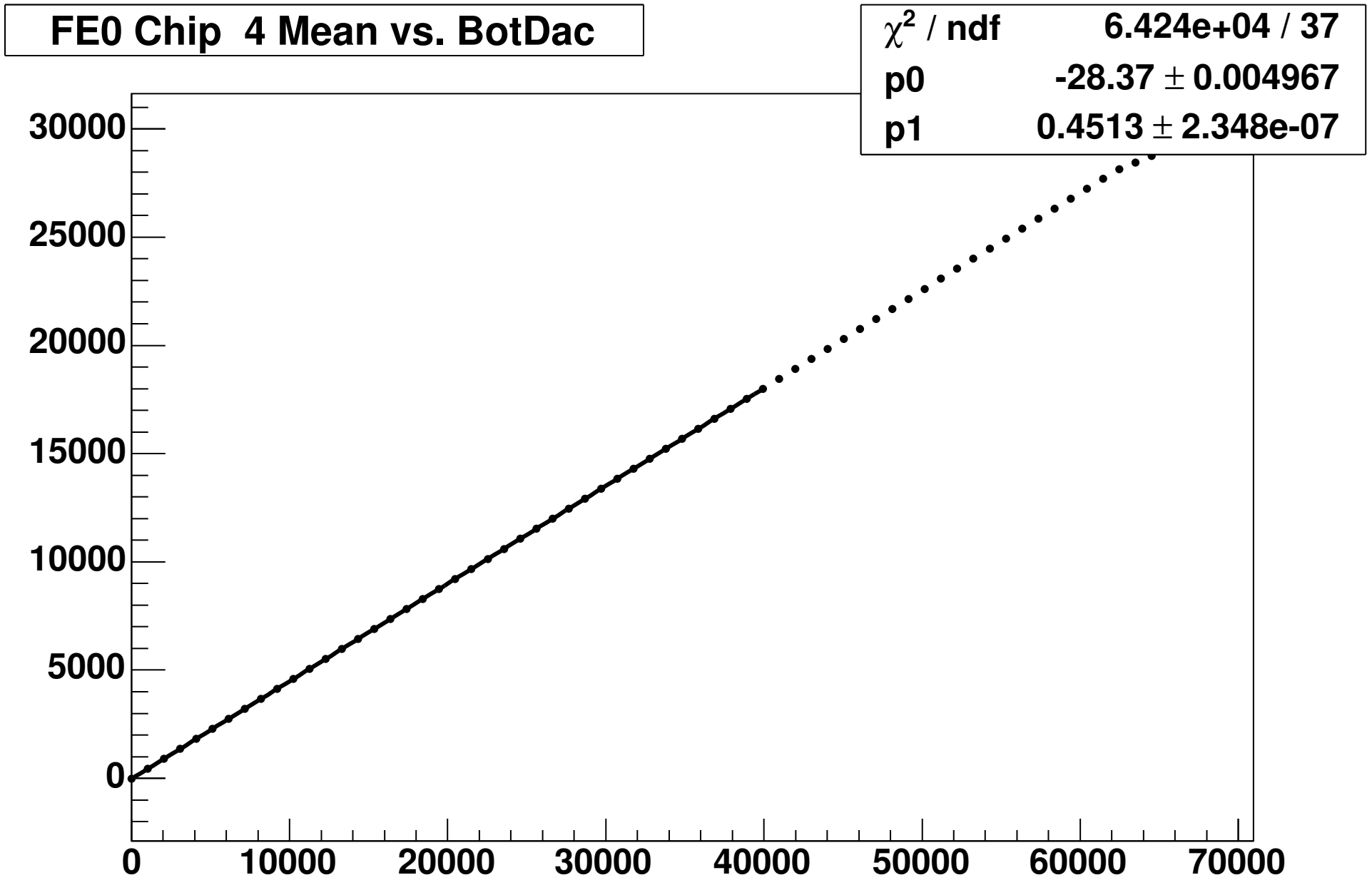
40000
50000
60000
70000


FE0 Chip 4 Mean vs. BotDac
χ² / ndf 6.424e+04 / 37
p0 -28.37 ± 0.004967
p1 0.4513 ± 2.348e-07
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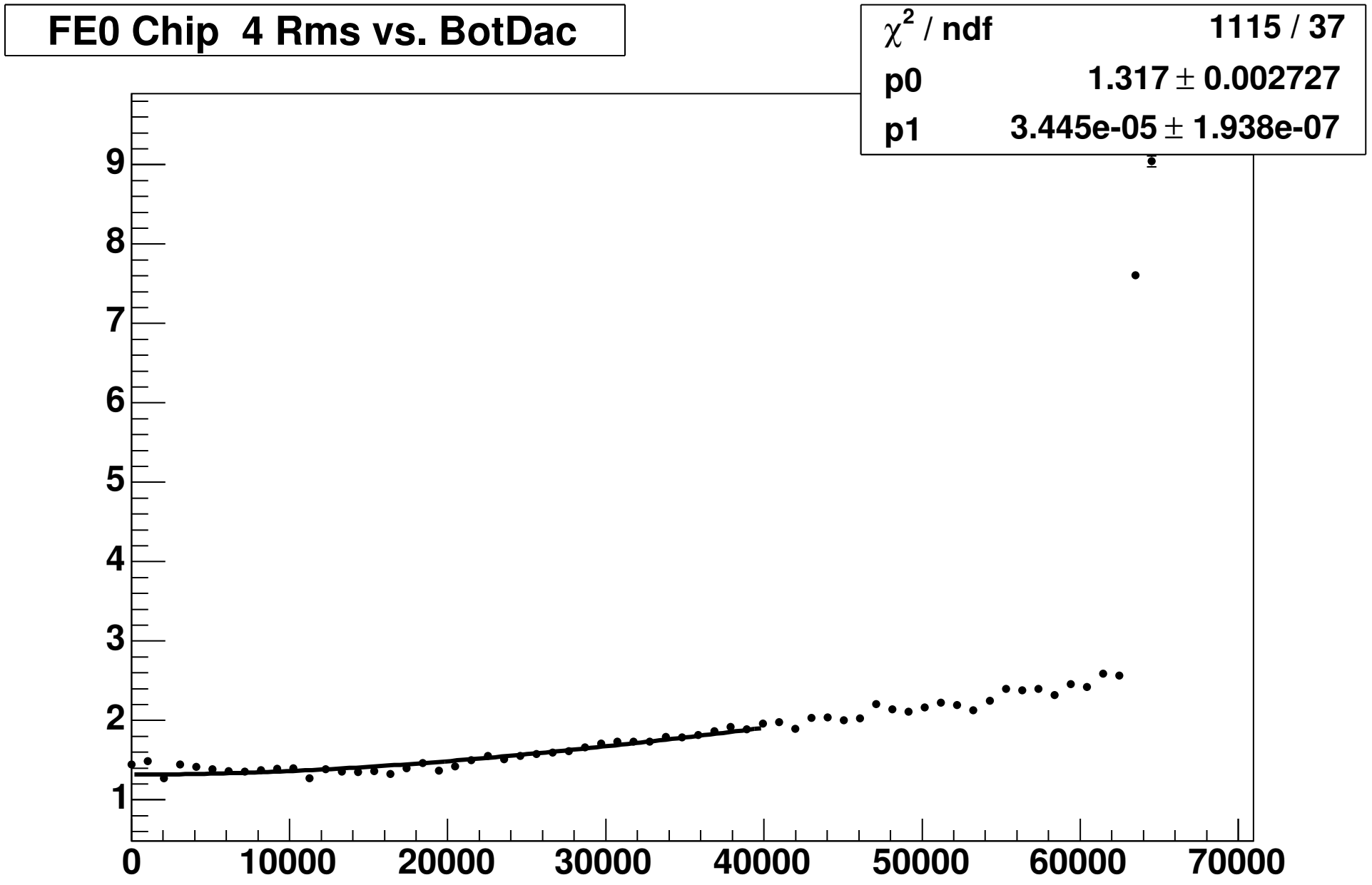
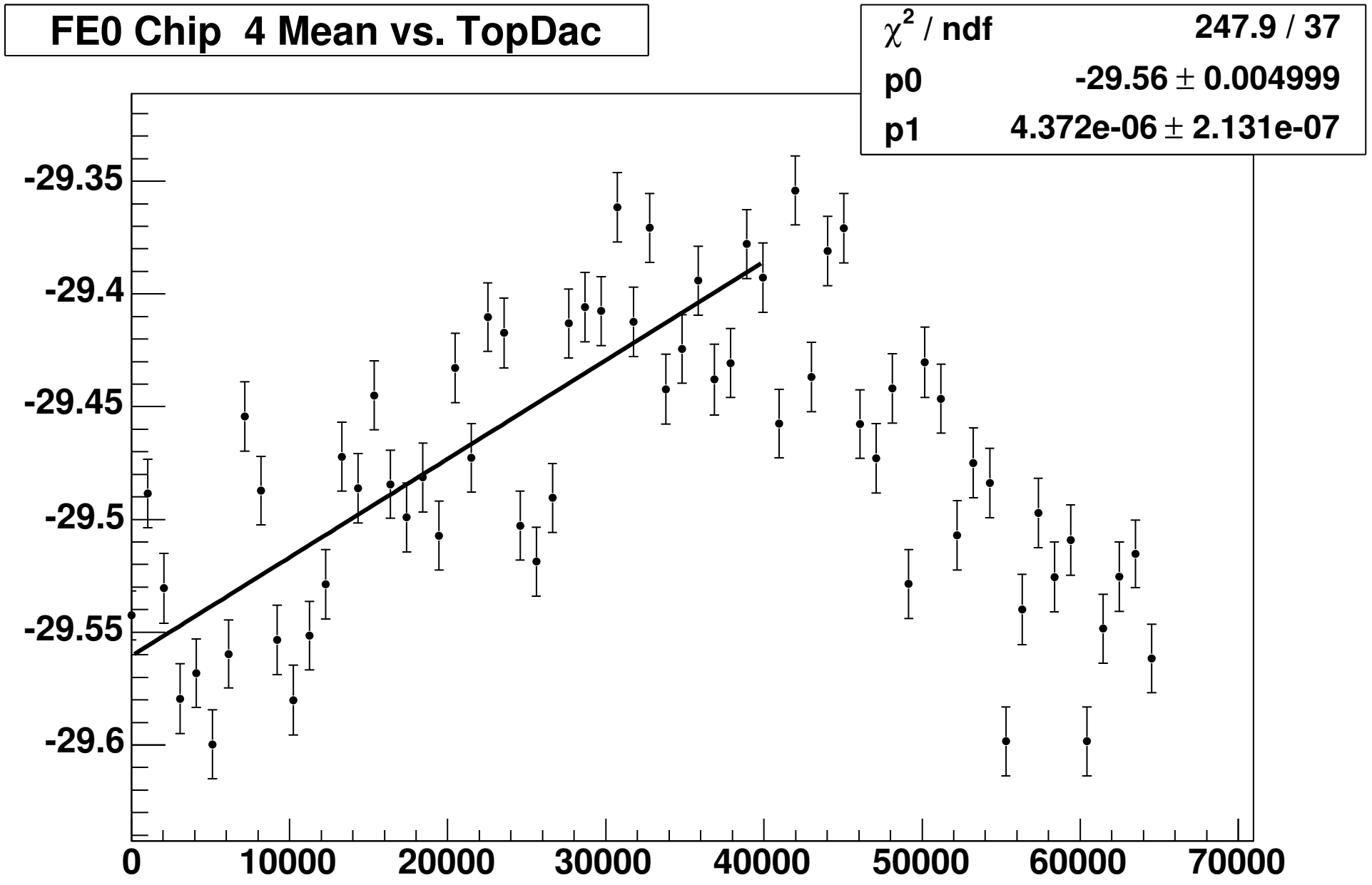
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 4 Rms vs. BotDac
χ² / ndf 1115 / 37
p0 1.317 ± 0.002727
p1 3.445e-05 ± 1.938e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 4 Mean vs. TopDac
χ² / ndf 247.9 / 37
p0 -29.56 ± 0.004999
p1 4.372e-06 ± 2.131e-07
-29.35
-29.4
-29.45
-29.5
-29.55
-29.6
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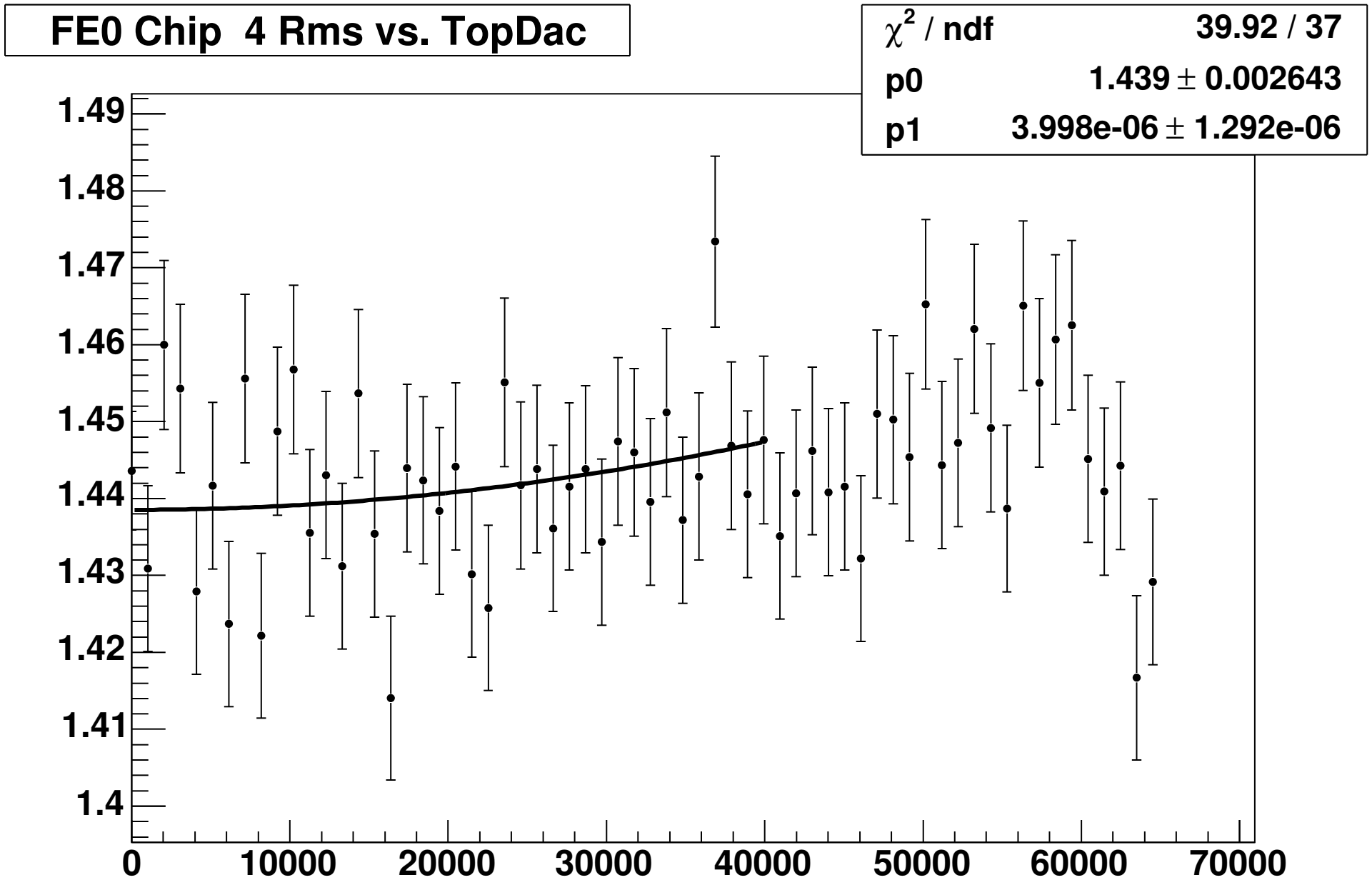
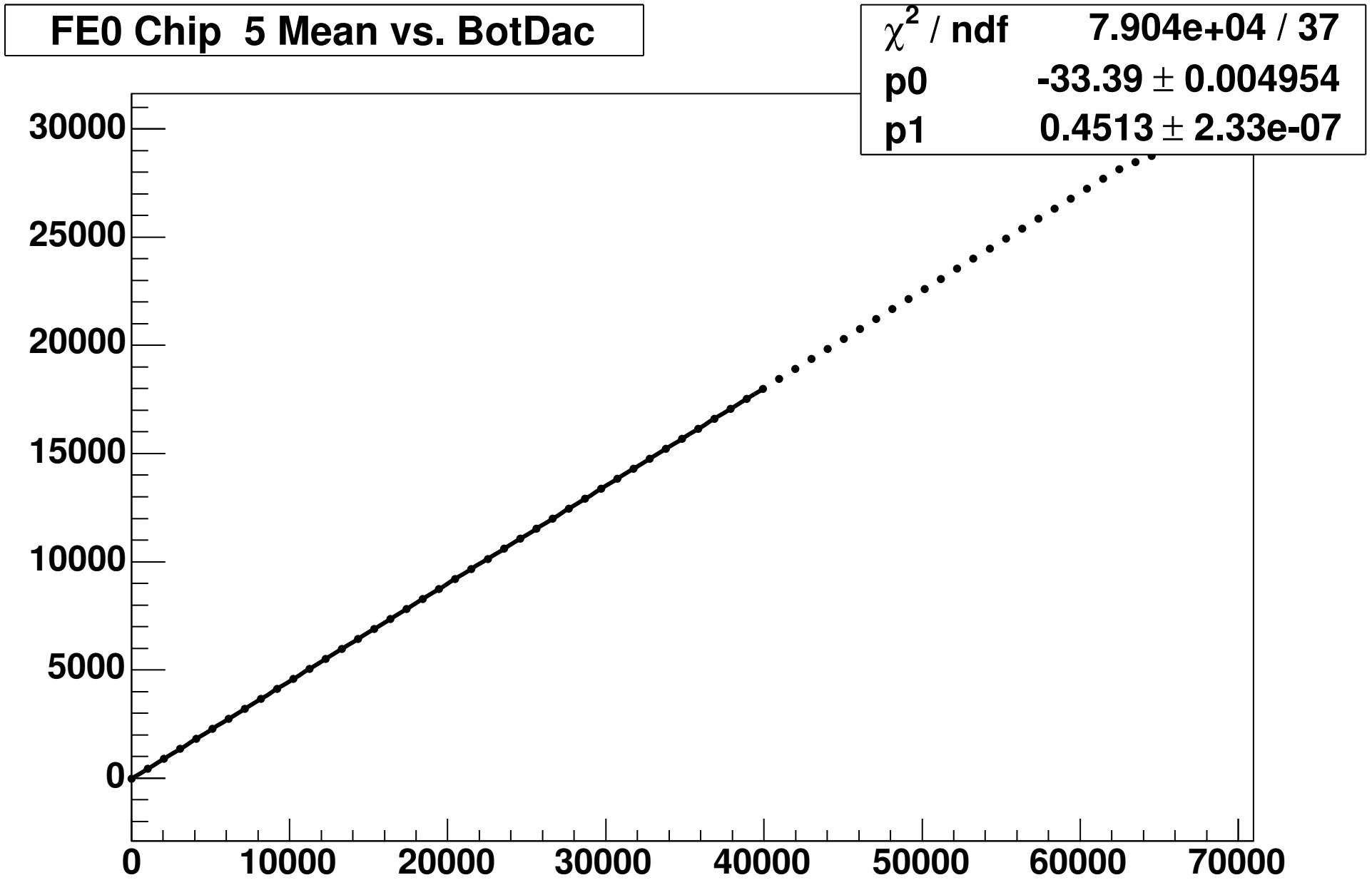

FE0 Chip 4 Rms vs. TopDac
χ² / ndf 39.92 / 37
p0 1.439 ± 0.002643
p1 3.998e-06 ± 1.292e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 5 Mean vs. BotDac
χ² / ndf 7.904e+04 / 37
p0 -33.39 ± 0.004954
p1 0.4513 ± 2.33e-07
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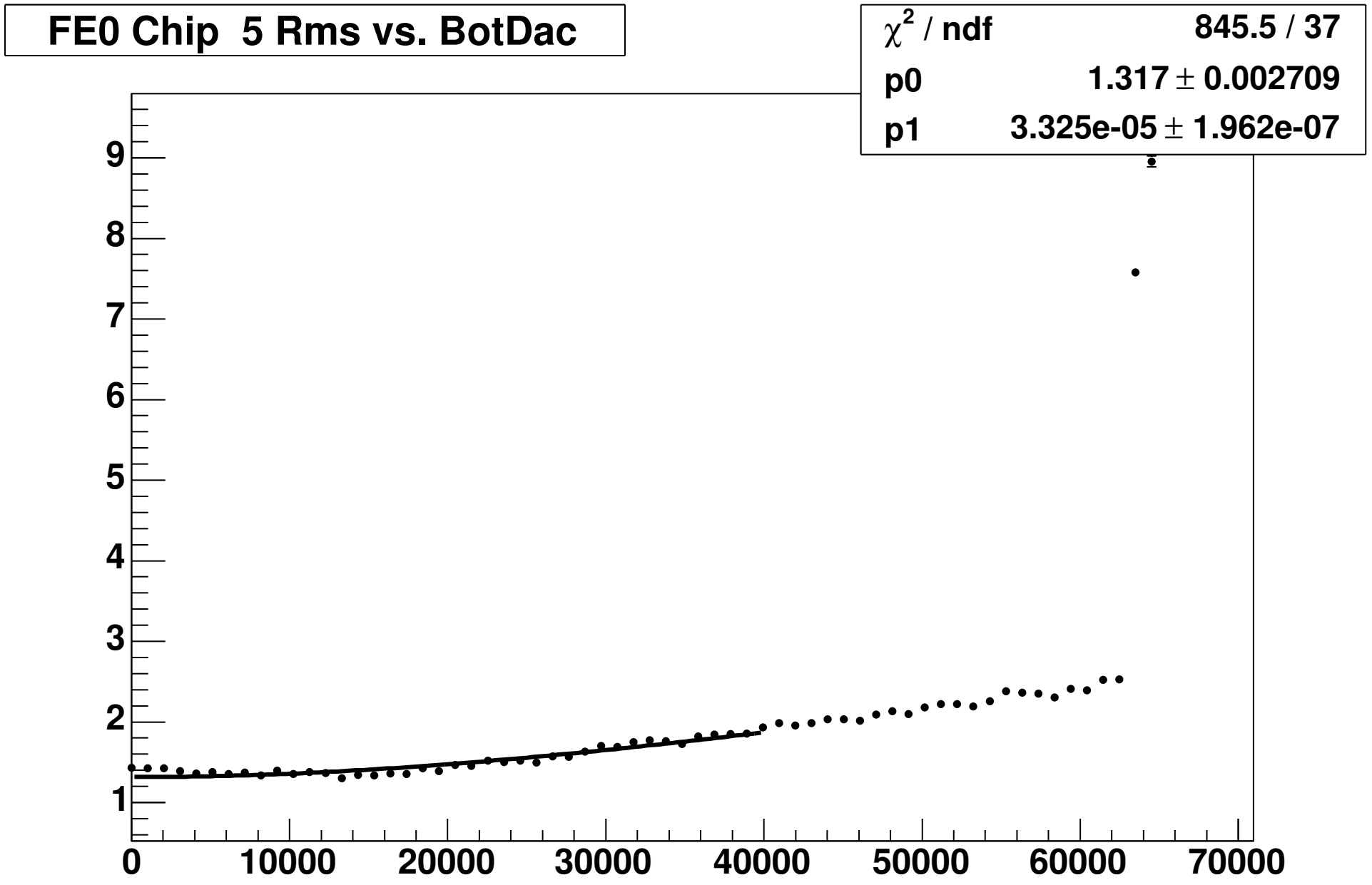
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 5 Rms vs. BotDac
χ² / ndf 845.5 / 37
p0 1.317 ± 0.002709
p1 3.325e-05 ± 1.962e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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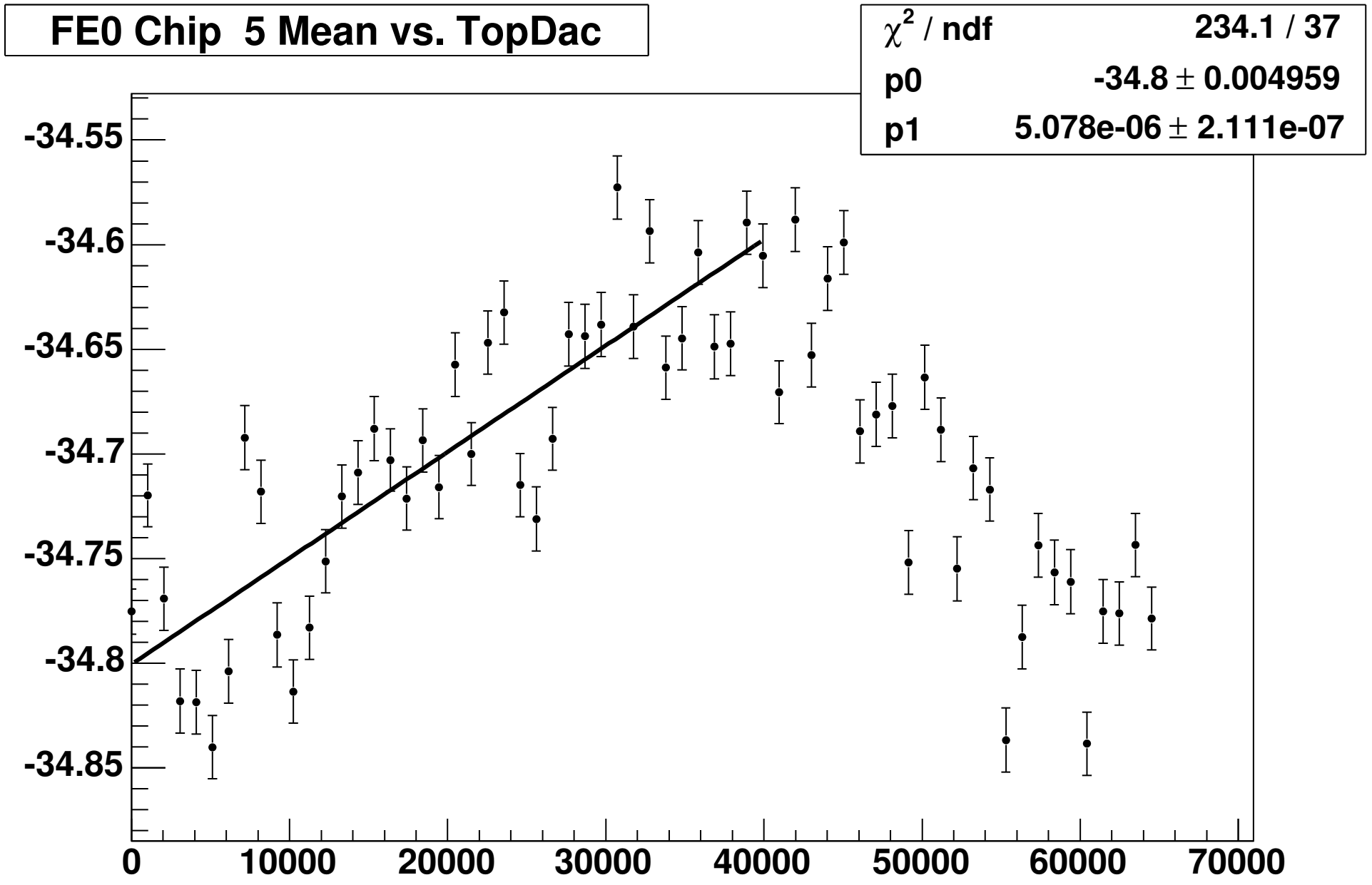
50000
60000
70000


FE0 Chip 5 Mean vs. TopDac
χ² / ndf 234.1 / 37
p0 -34.8 ± 0.004959
p1 5.078e-06 ± 2.111e-07
-34.55
-34.6
-34.65
-34.7
-34.75
-34.8
-34.85
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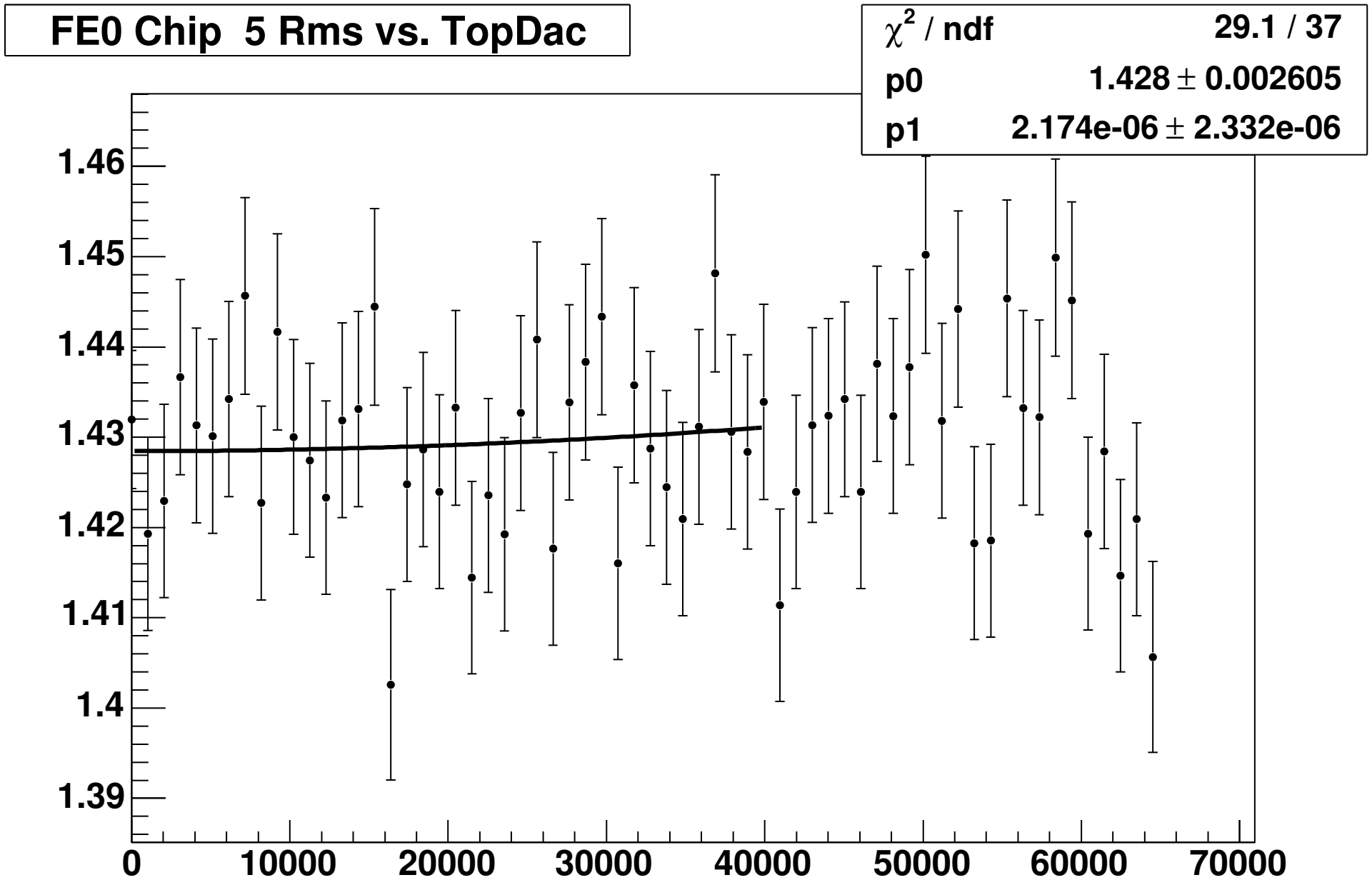
70000


FE0 Chip 5 Rms vs. TopDac
χ² / ndf 29.1 / 37
p0 1.428 ± 0.002605
p1 2.174e-06 ± 2.332e-06
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
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10000
20000
30000
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60000
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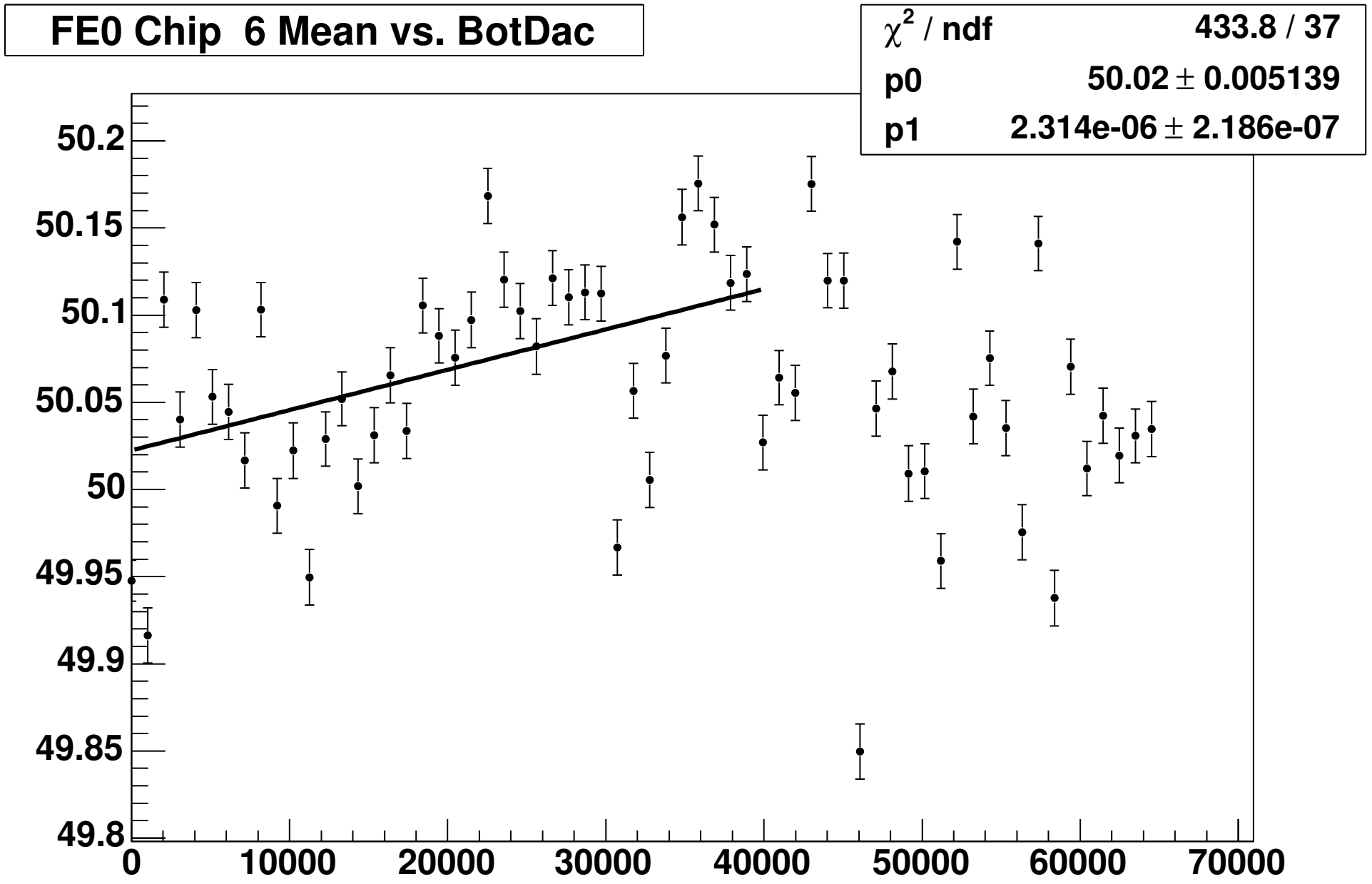
FE0 Chip 6 Mean vs. BotDac
χ² / ndf 433.8 / 37
p0 50.02 ± 0.005139
p1 2.314e-06 ± 2.186e-07
50.2
50.15
50.1
50.05
50
49.95
49.9
49.85
49.8
0
10000
20000
30000
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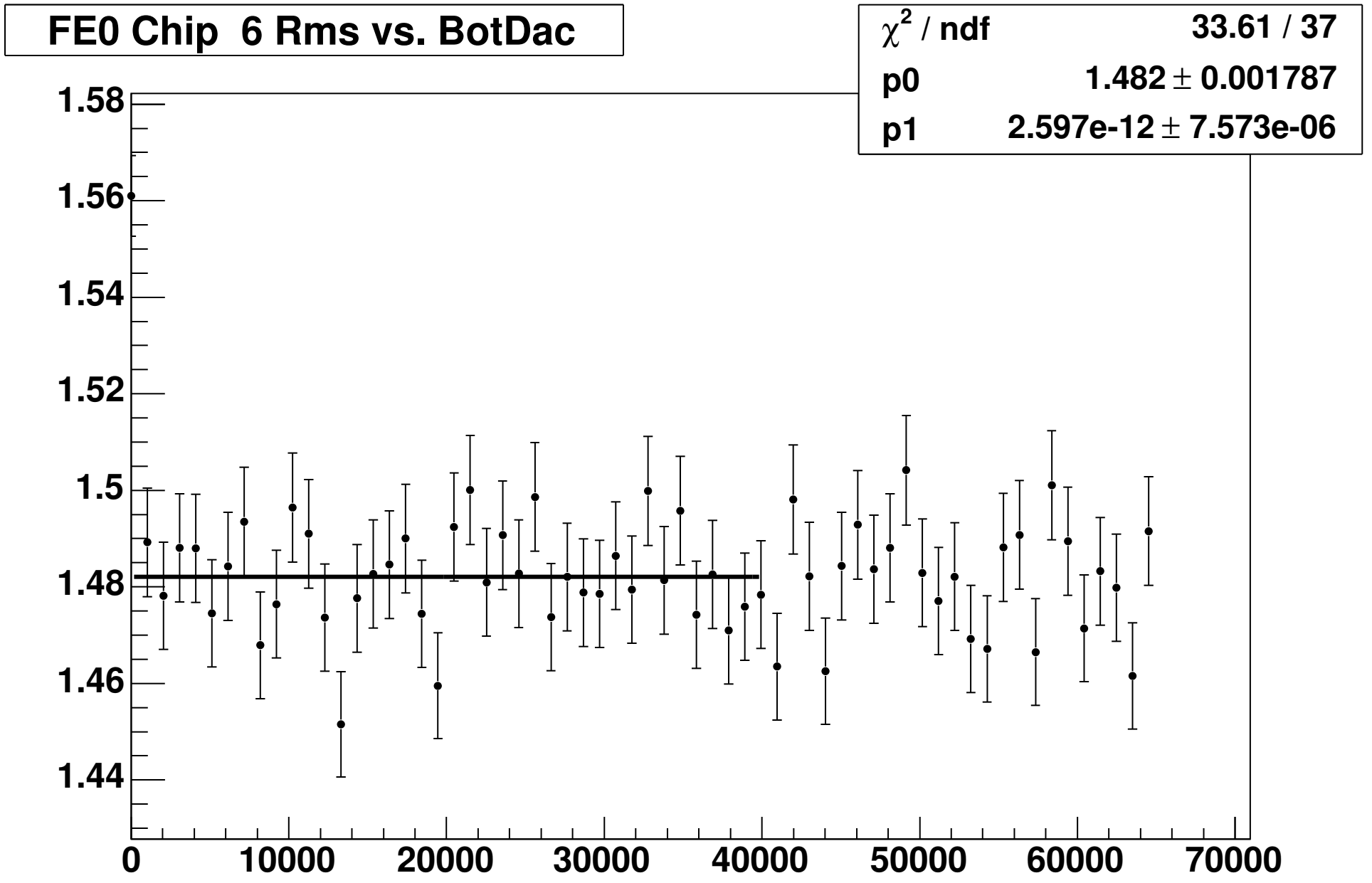
50000
60000
70000


FE0 Chip 6 Rms vs. BotDac
χ² / ndf 33.61 / 37
p0 1.482 ± 0.001787
p1 2.597e-12 ± 7.573e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
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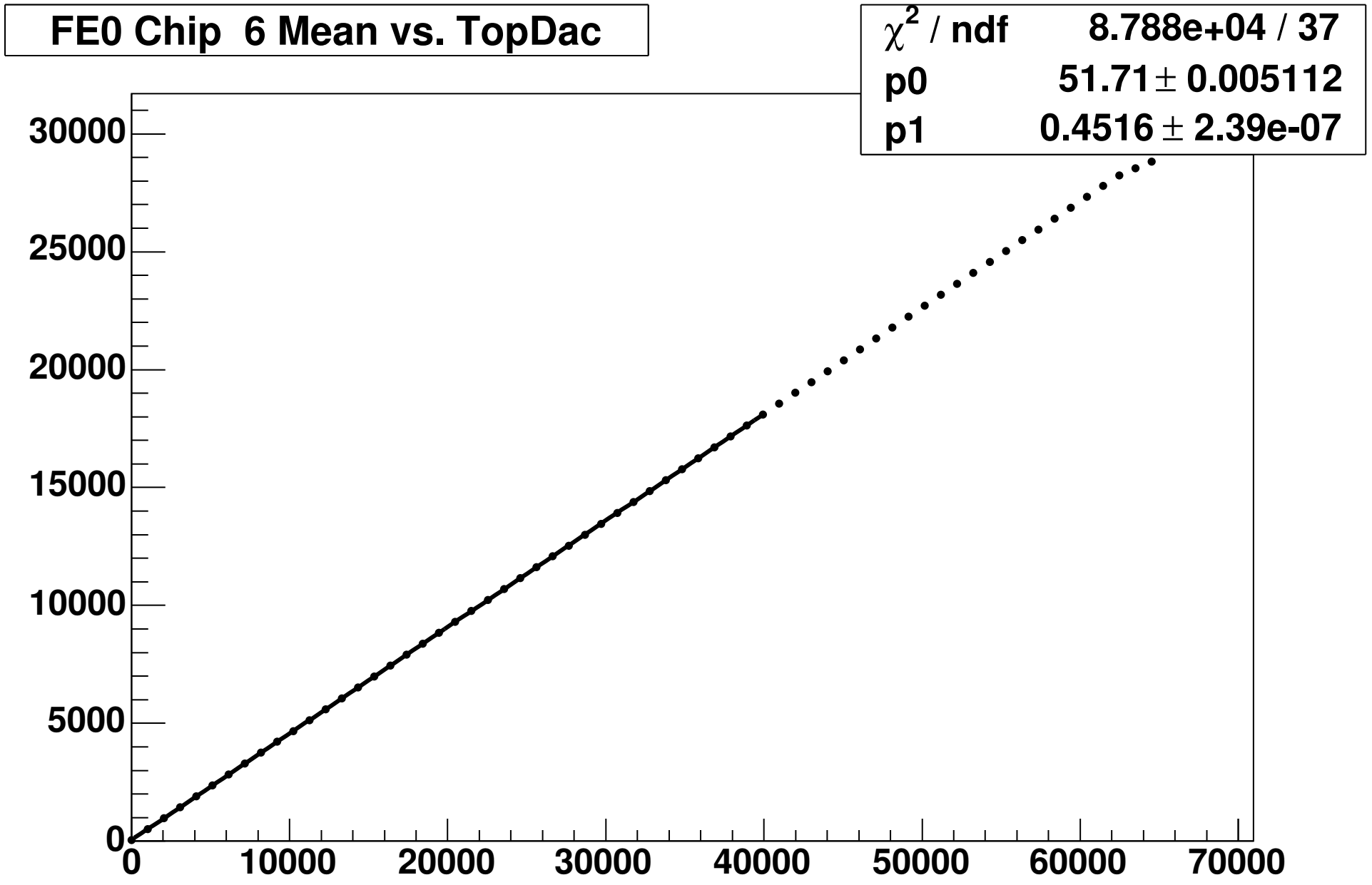
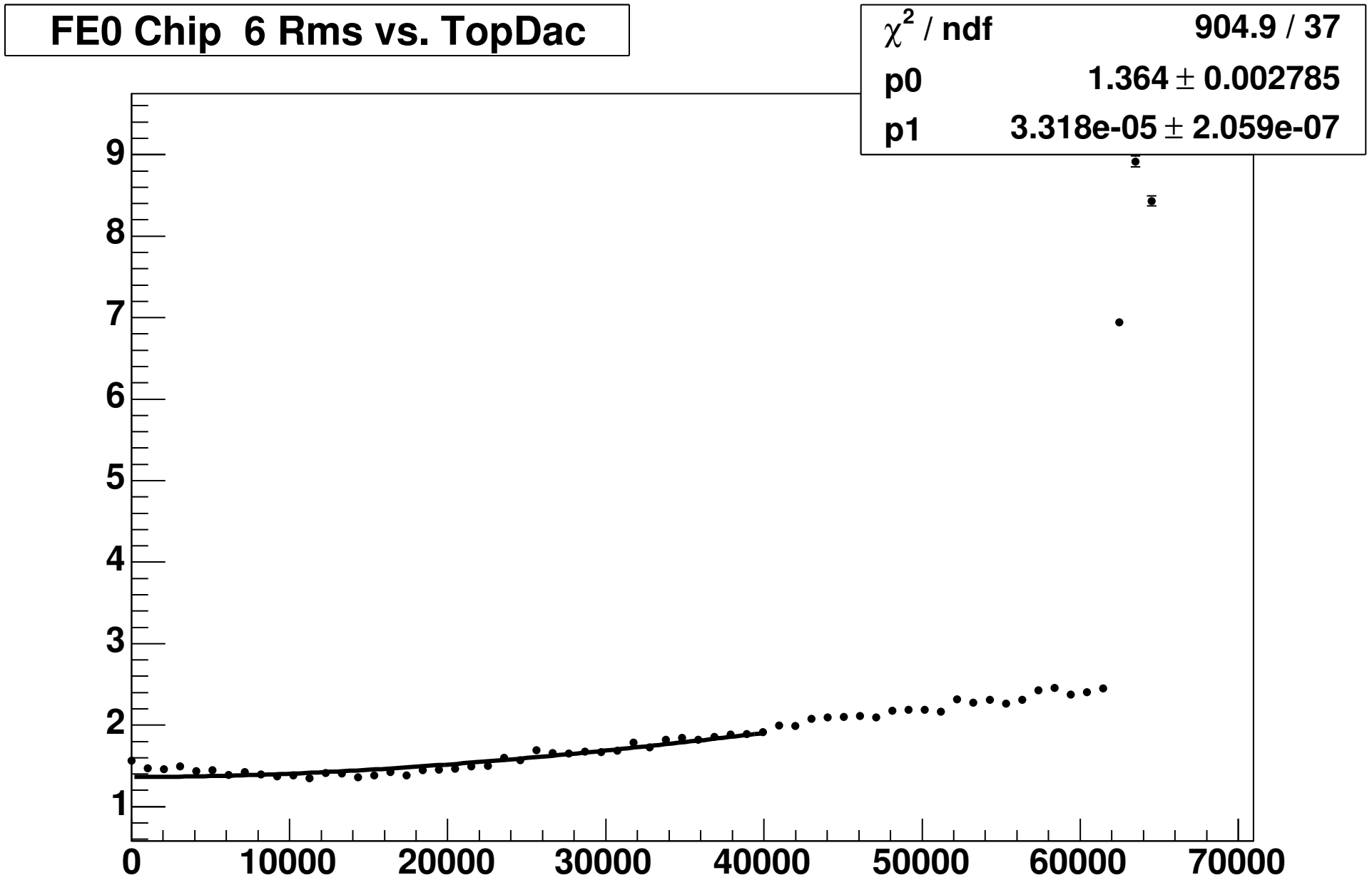
60000
70000


FE0 Chip 6 Mean vs. TopDac
χ² / ndf 8.788e+04 / 37
p0 51.71 ± 0.005112
p1 0.4516 ± 2.39e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 6 Rms vs. TopDac
χ² / ndf 904.9 / 37
p0 1.364 ± 0.002785
p1 3.318e-05 ± 2.059e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
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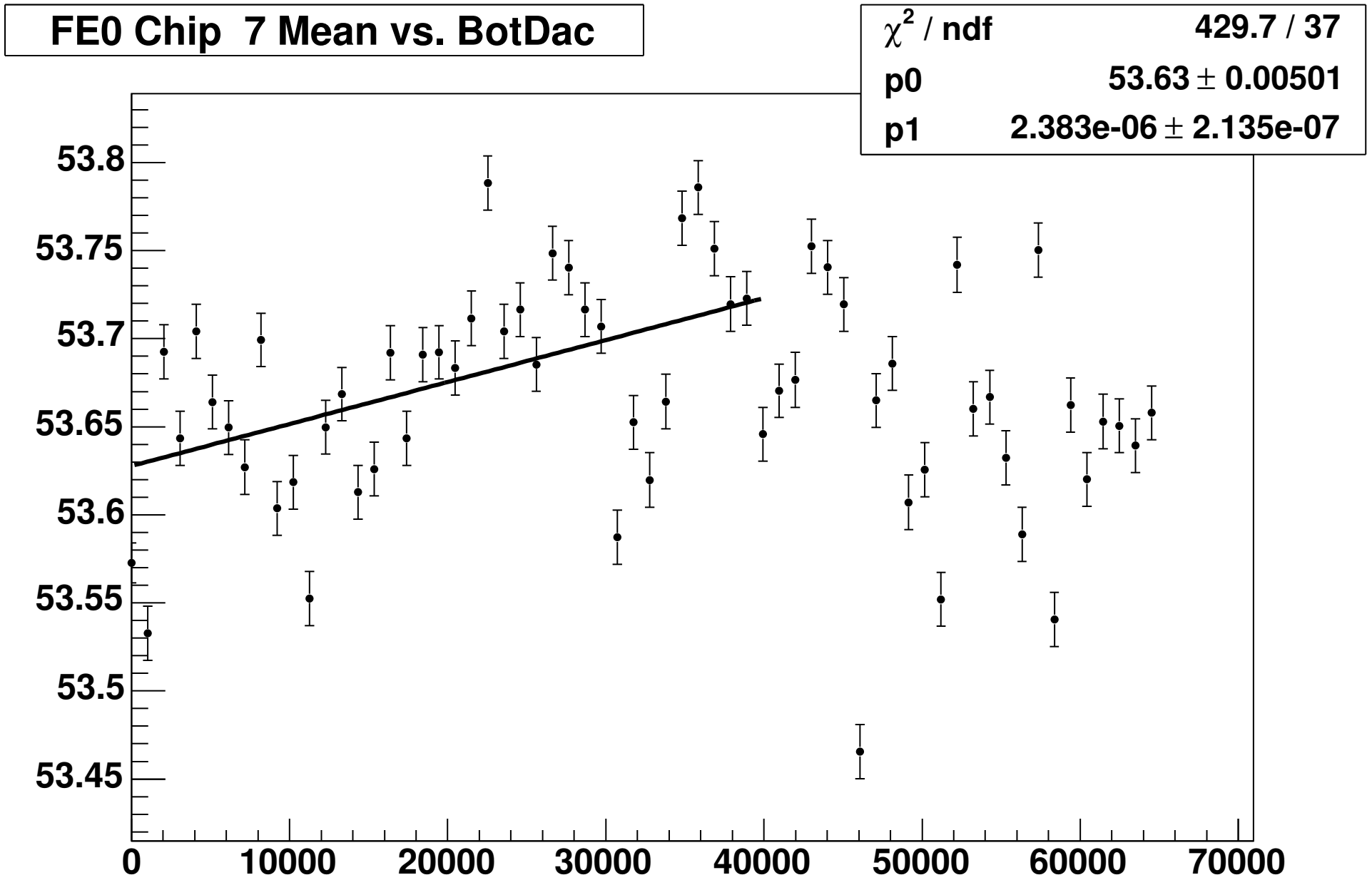
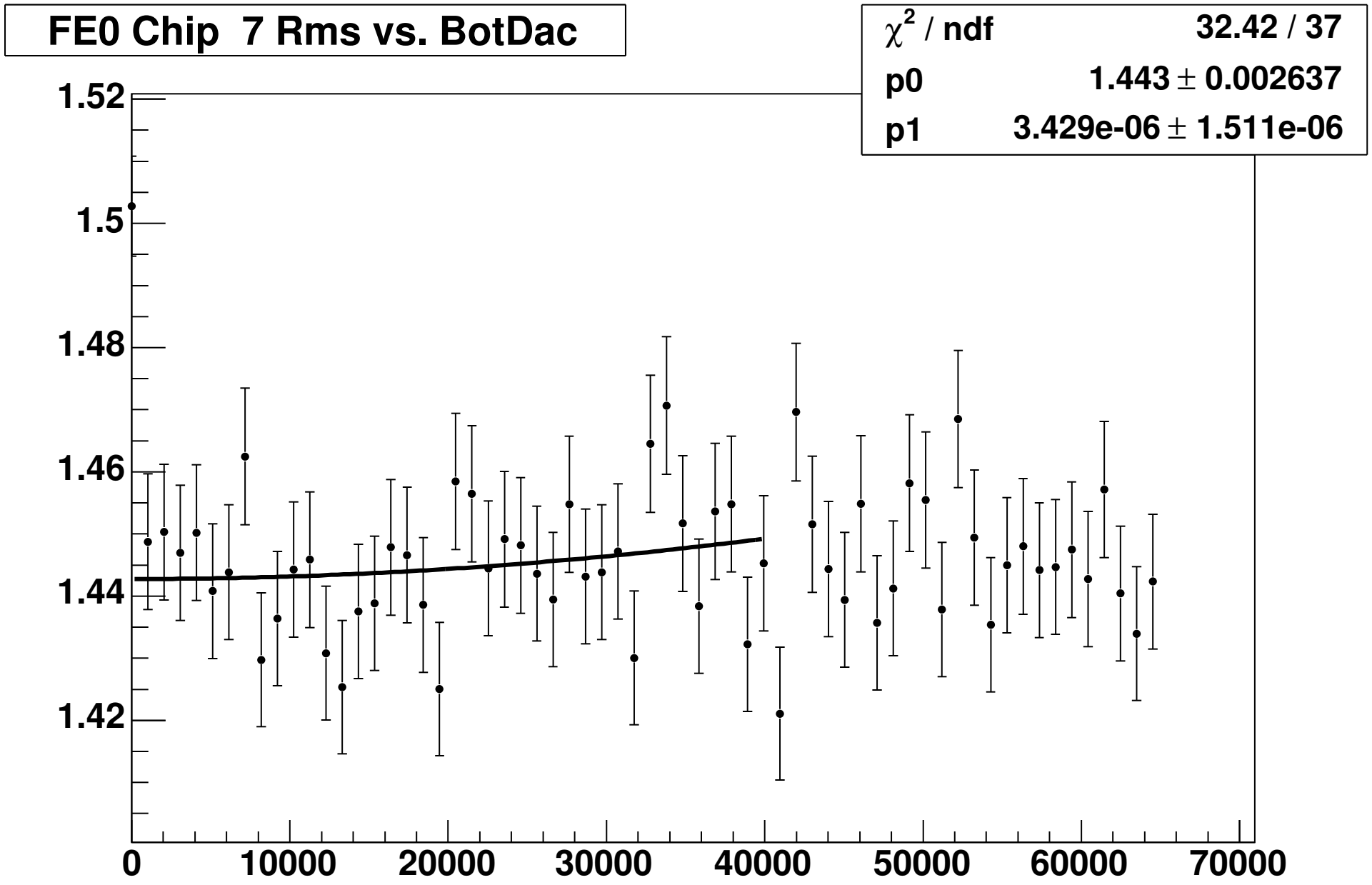
60000
70000


FE0 Chip 7 Mean vs. BotDac
χ² / ndf 429.7 / 37
p0 53.63 ± 0.00501
p1 2.383e-06 ± 2.135e-07
53.8
53.75
53.7
53.65
53.6
53.55
53.5
53.45
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 7 Rms vs. BotDac
χ² / ndf 32.42 / 37
p0 1.443 ± 0.002637
p1 3.429e-06 ± 1.511e-06
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
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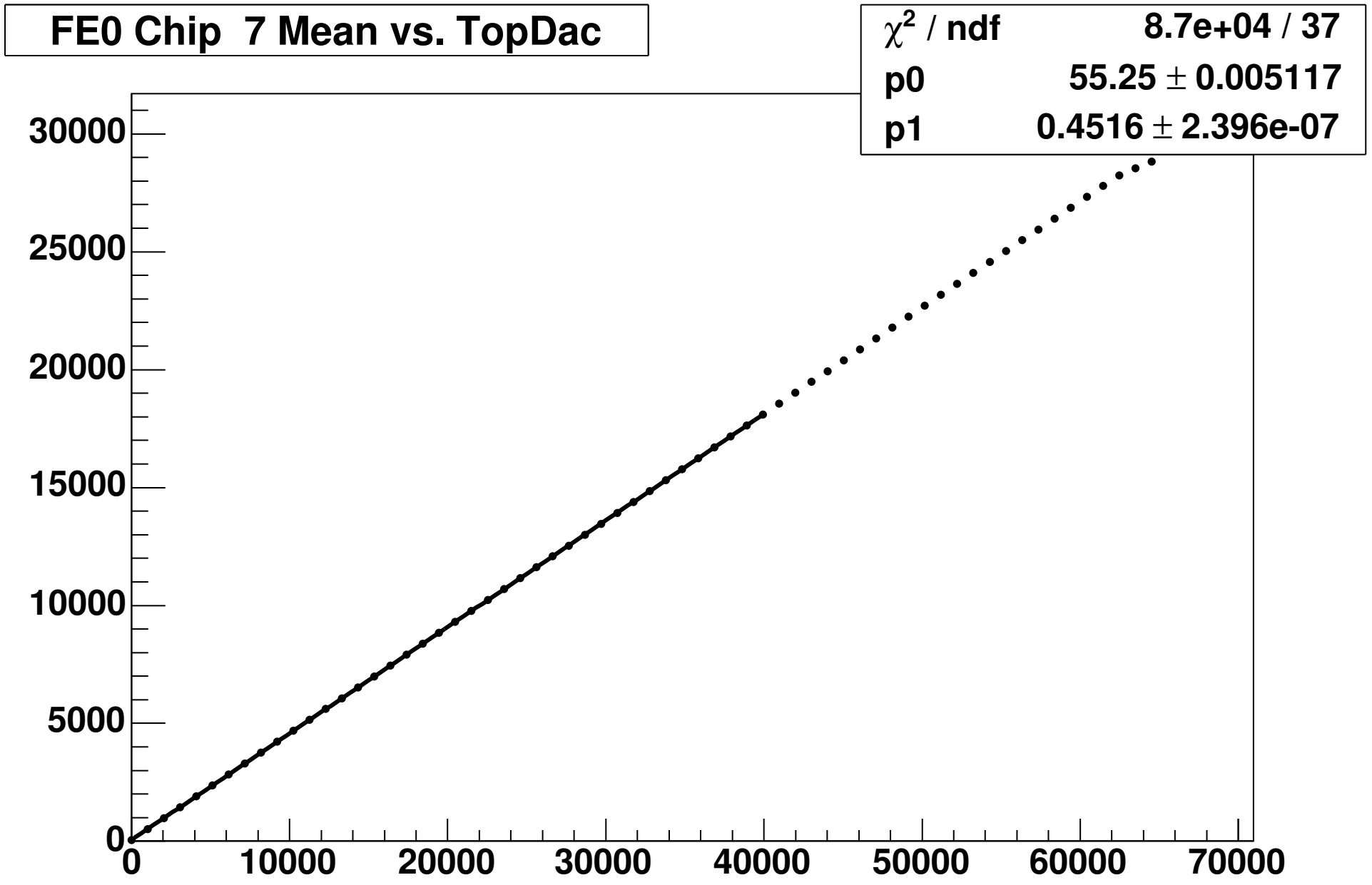
50000
60000
70000


FE0 Chip 7 Mean vs. TopDac
χ² / ndf 8.7e+04 / 37
p0 55.25 ± 0.005117
p1 0.4516 ± 2.396e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
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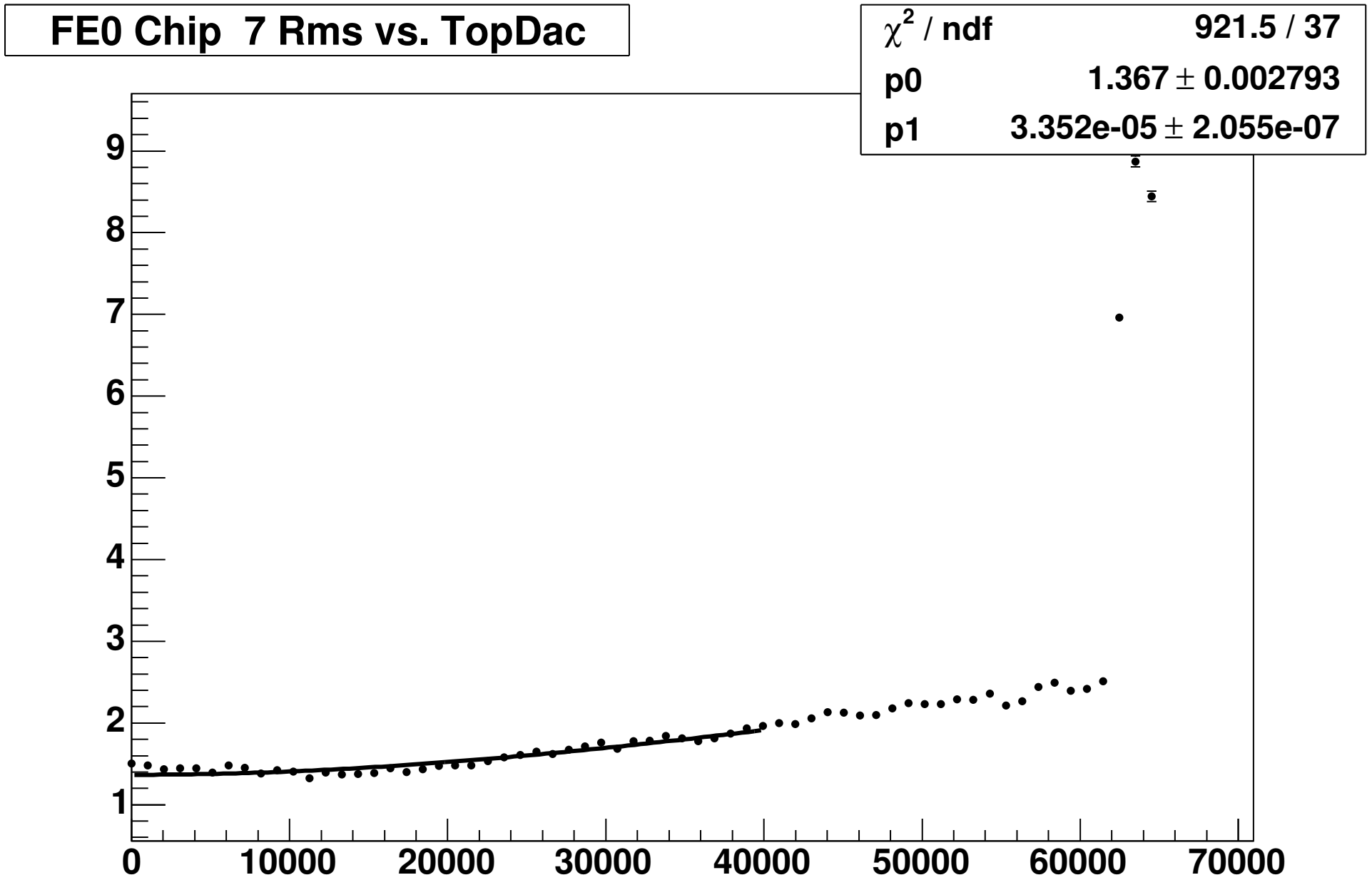
FE0 Chip 7 Rms vs. TopDac
χ^2 / ndf 921.5 / 37
p0 1.367 ± 0.002793
p1 3.352e-05 ± 2.055e-07
9
8
7
6
5
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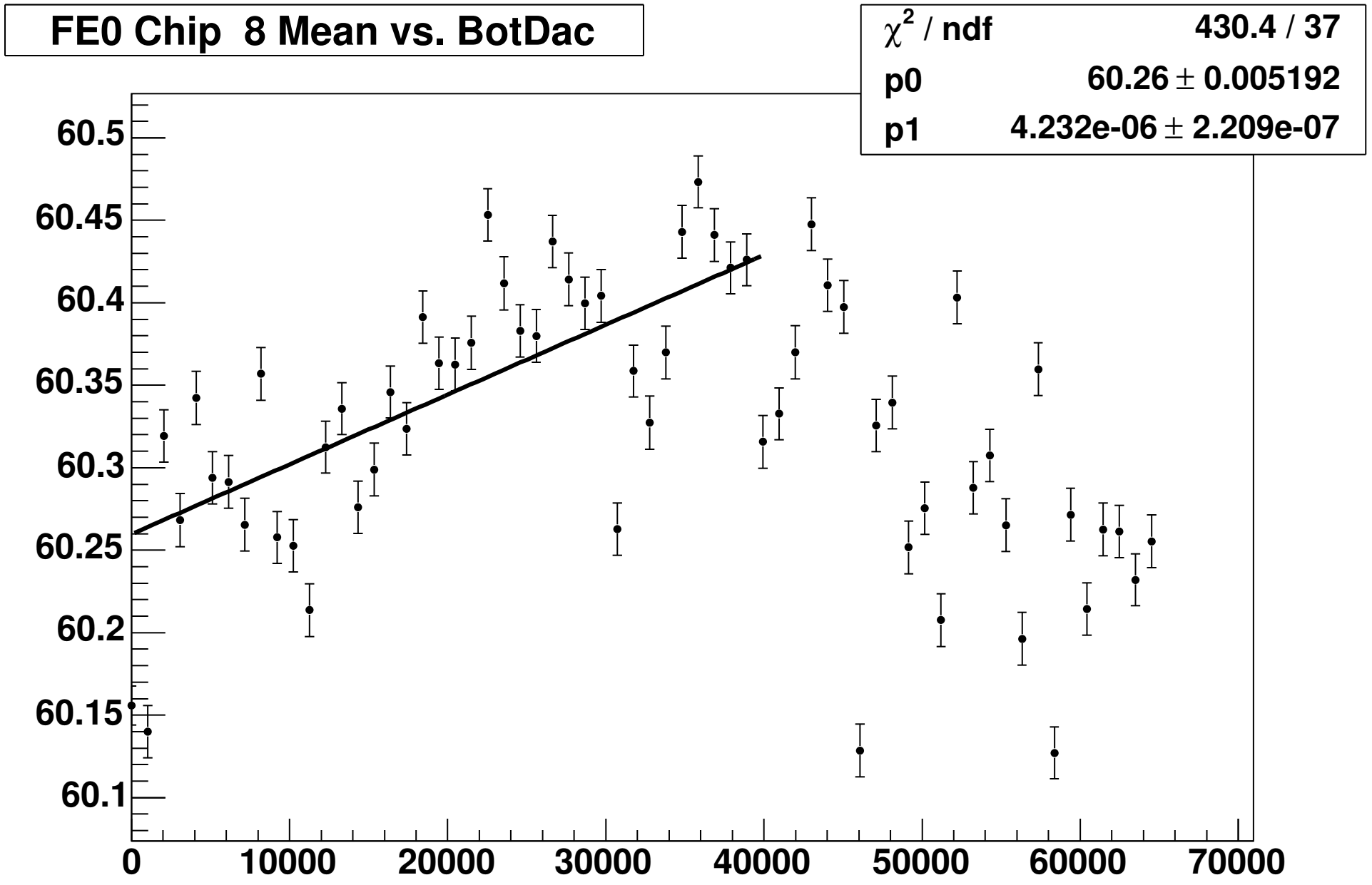
FE0 Chip 8 Mean vs. BotDac
χ² / ndf 430.4 / 37
p0 60.26 ± 0.005192
p1 4.232e-06 ± 2.209e-07
60.5
60.45
60.4
60.35
60.3
60.25
60.2
60.15
60.1
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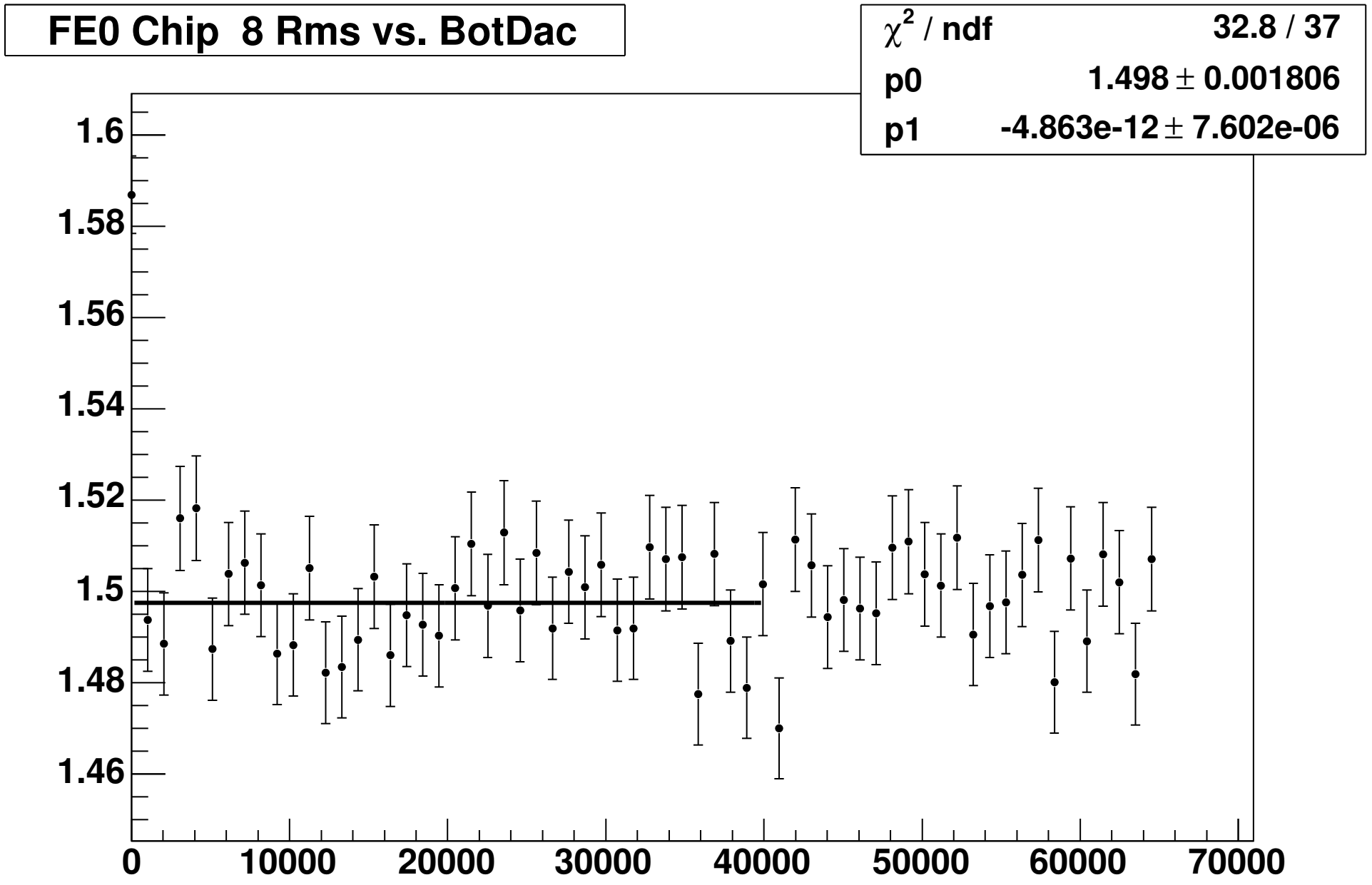
FE0 Chip 8 Rms vs. BotDac
χ² / ndf 32.8 / 37
p0 1.498 ± 0.001806
p1 -4.863e-12 ± 7.602e-06
1.6
1.58
1.56
1.54
1.52
1.5
1.48
1.46
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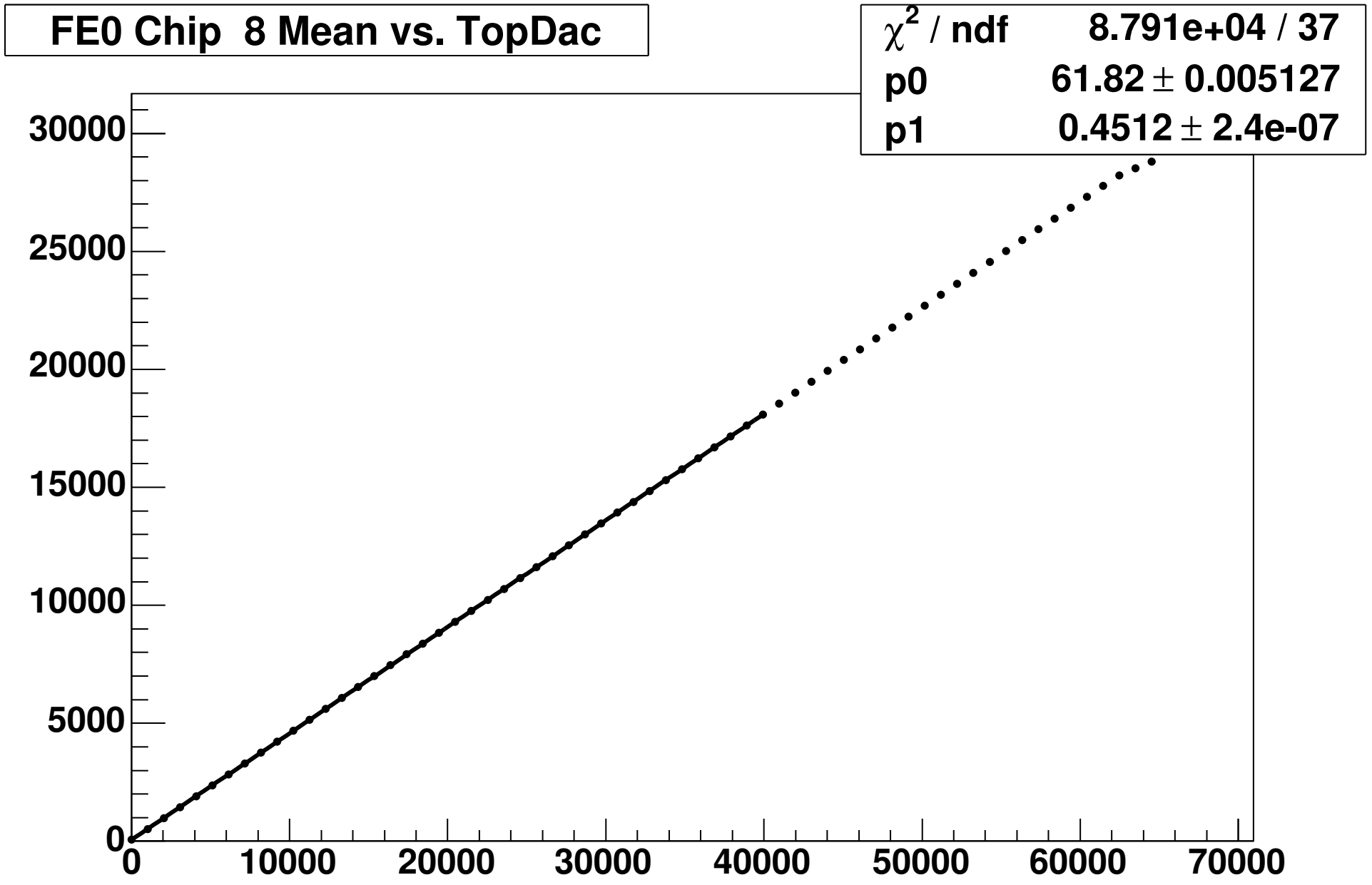
FE0 Chip 8 Mean vs. TopDac
χ² / ndf 8.791e+04 / 37
p0 61.82 ± 0.005127
p1 0.4512 ± 2.4e-07
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10000
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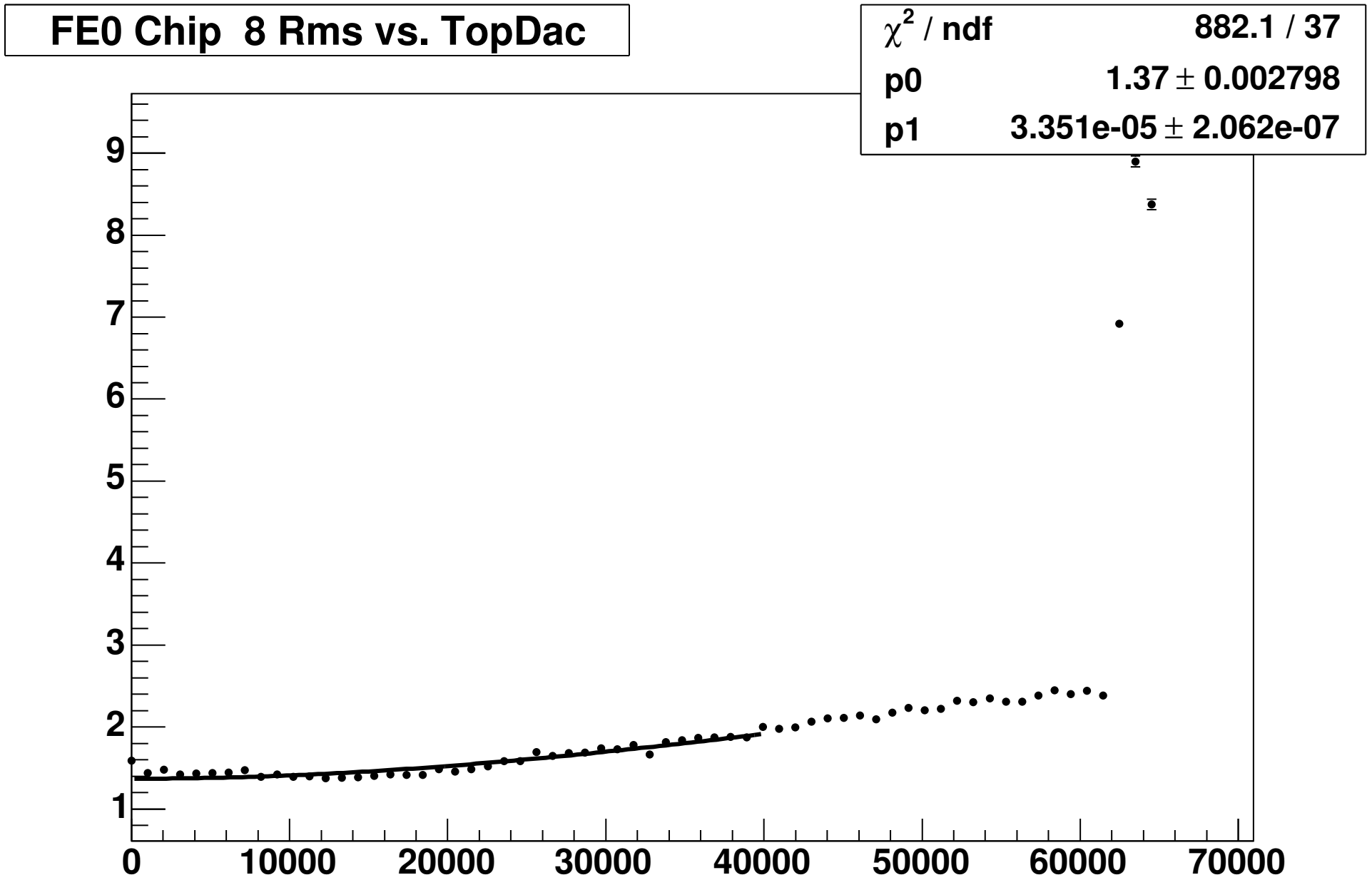
60000
70000


FE0 Chip 8 Rms vs. TopDac
χ² / ndf 882.1 / 37
p0 1.37 ± 0.002798
p1 3.351e-05 ± 2.062e-07
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6
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4
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2
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0
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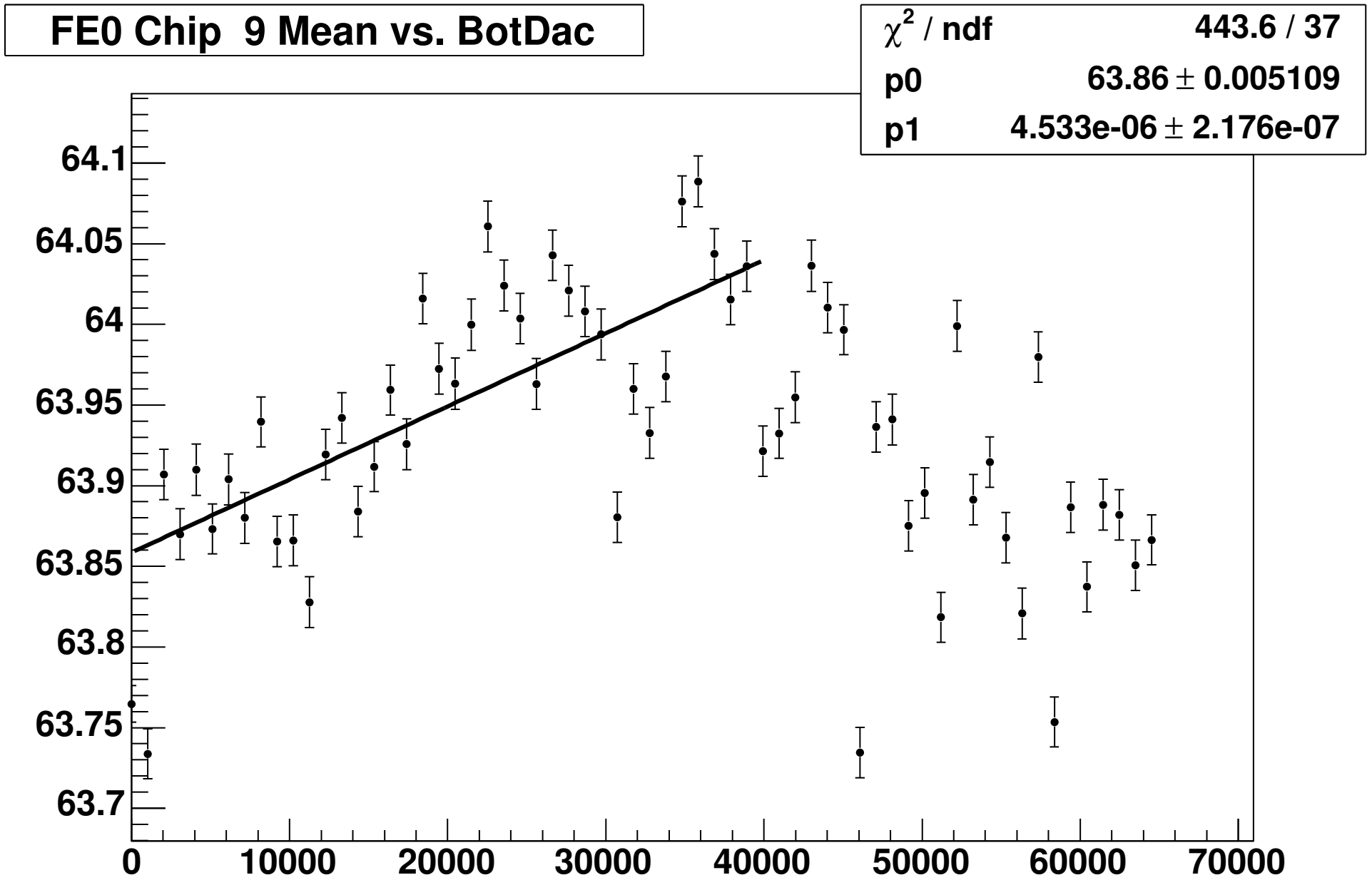
FE0 Chip 9 Mean vs. BotDac
χ² / ndf 443.6 / 37
p0 63.86 ± 0.005109
p1 4.533e-06 ± 2.176e-07
64.1
64.05
64
63.95
63.9
63.85
63.8
63.75
63.7
0
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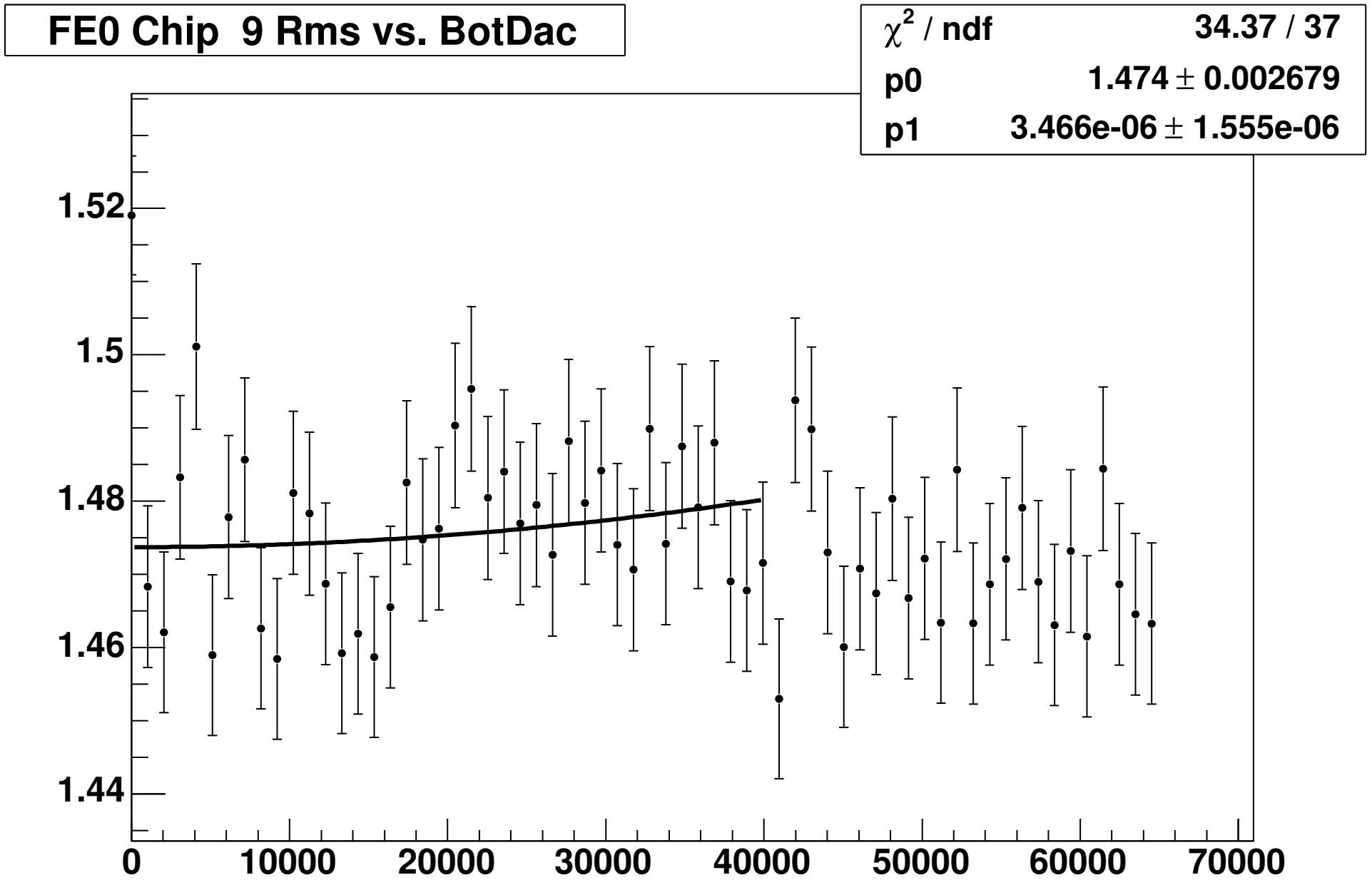
FE0 Chip 9 Rms vs. BotDac
χ² / ndf 34.37 / 37
p0 1.474 ± 0.002679
p1 3.466e-06 ± 1.555e-06
1.52
1.5
1.48
1.46
1.44
0
10000
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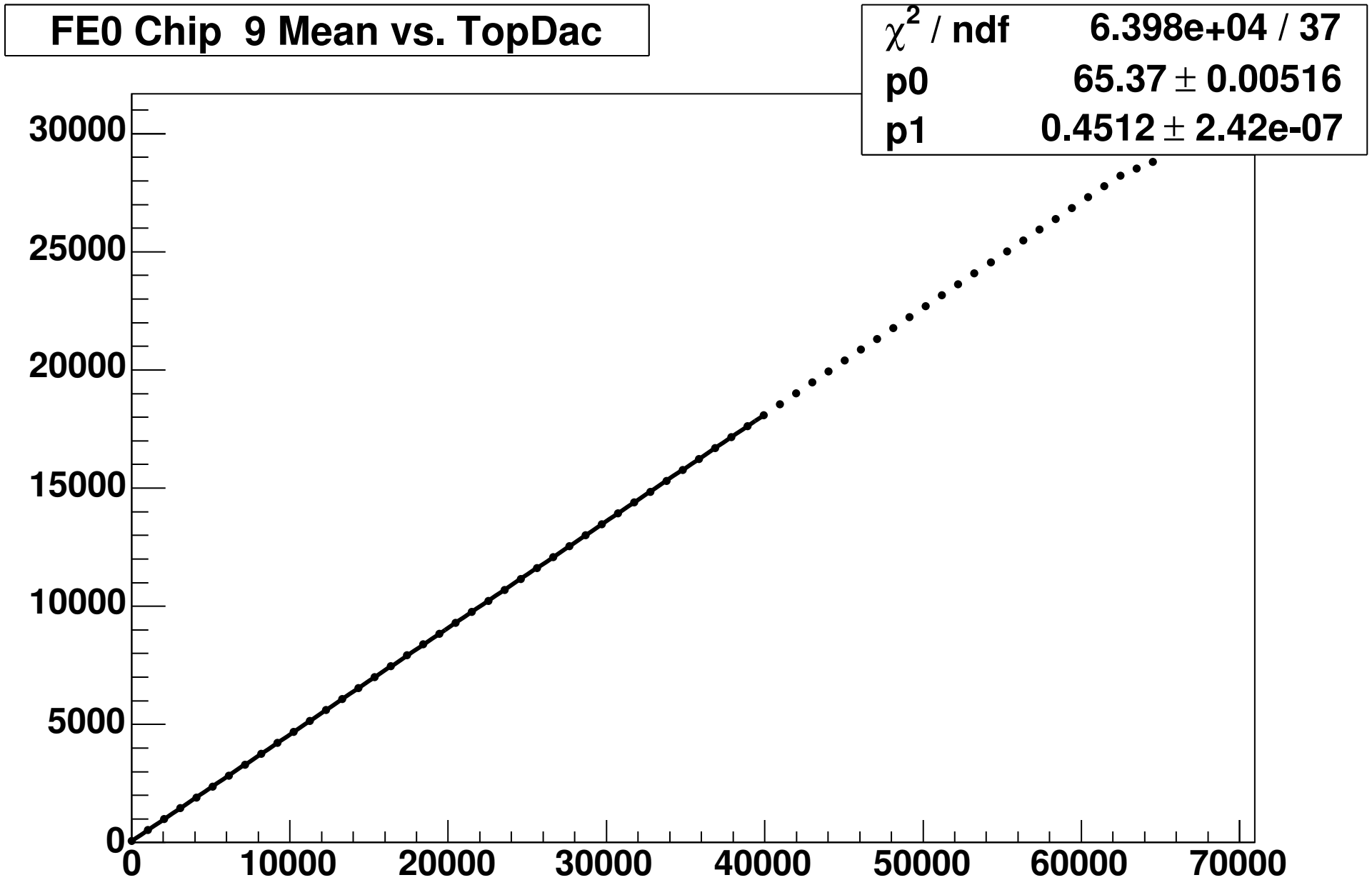
60000
70000


FE0 Chip 9 Mean vs. TopDac
χ² / ndf 6.398e+04 / 37
p0 65.37 ± 0.00516
p1 0.4512 ± 2.42e-07
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25000
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15000
10000
5000
0
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10000
20000
30000
40000
50000
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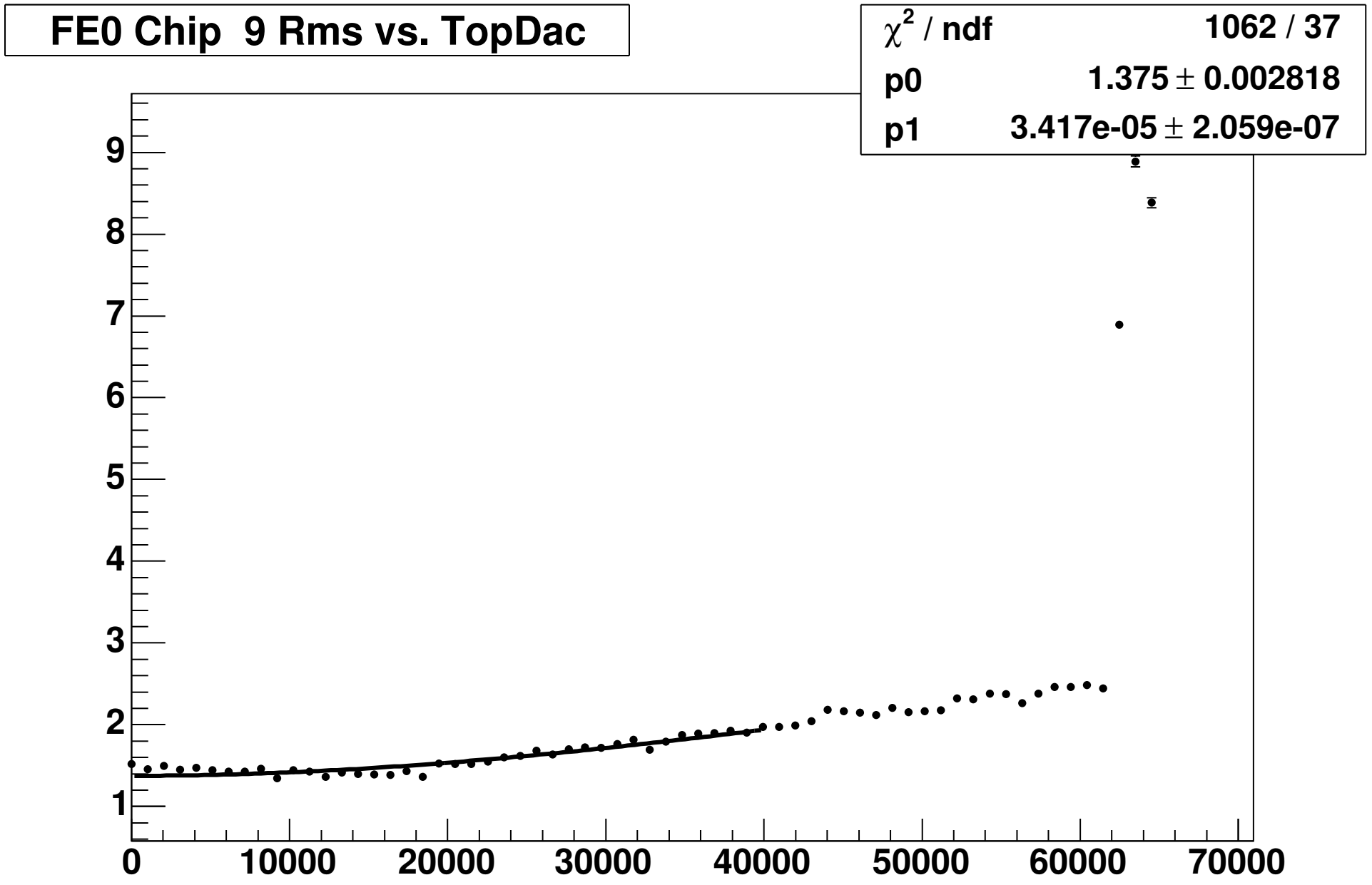
FE0 Chip 9 Rms vs. TopDac
χ² / ndf 1062 / 37
p0 1.375 ± 0.002818
p1 3.417e-05 ± 2.059e-07
9
8
7
6
5
4
3
2
1
0
10000
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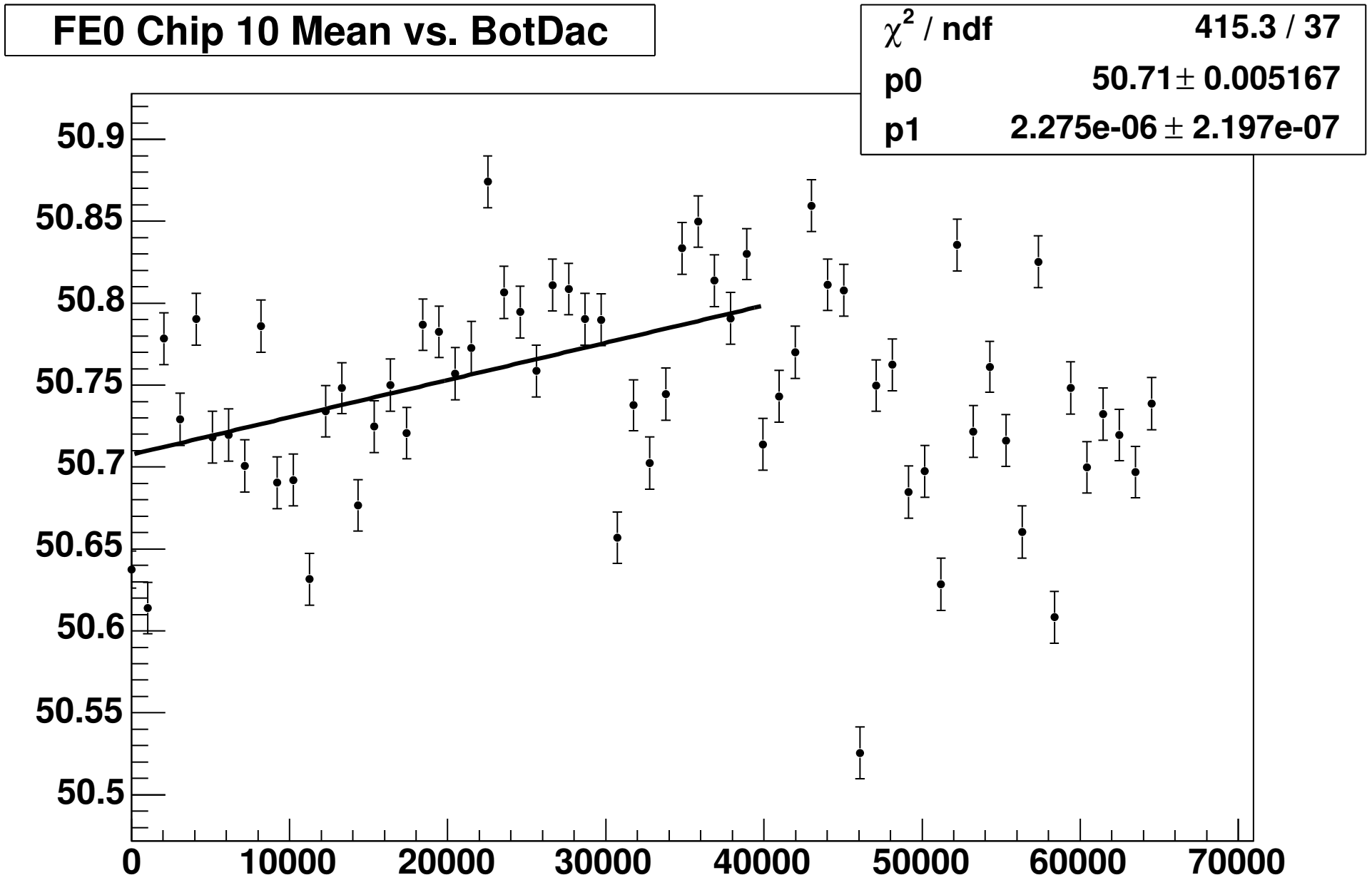
FE0 Chip 10 Mean vs. BotDac
χ² / ndf 415.3 / 37
p0 50.71 ± 0.005167
p1 2.275e-06 ± 2.197e-07
50.9
50.85
50.8
50.75
50.7
50.65
50.6
50.55
50.5
0
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30000
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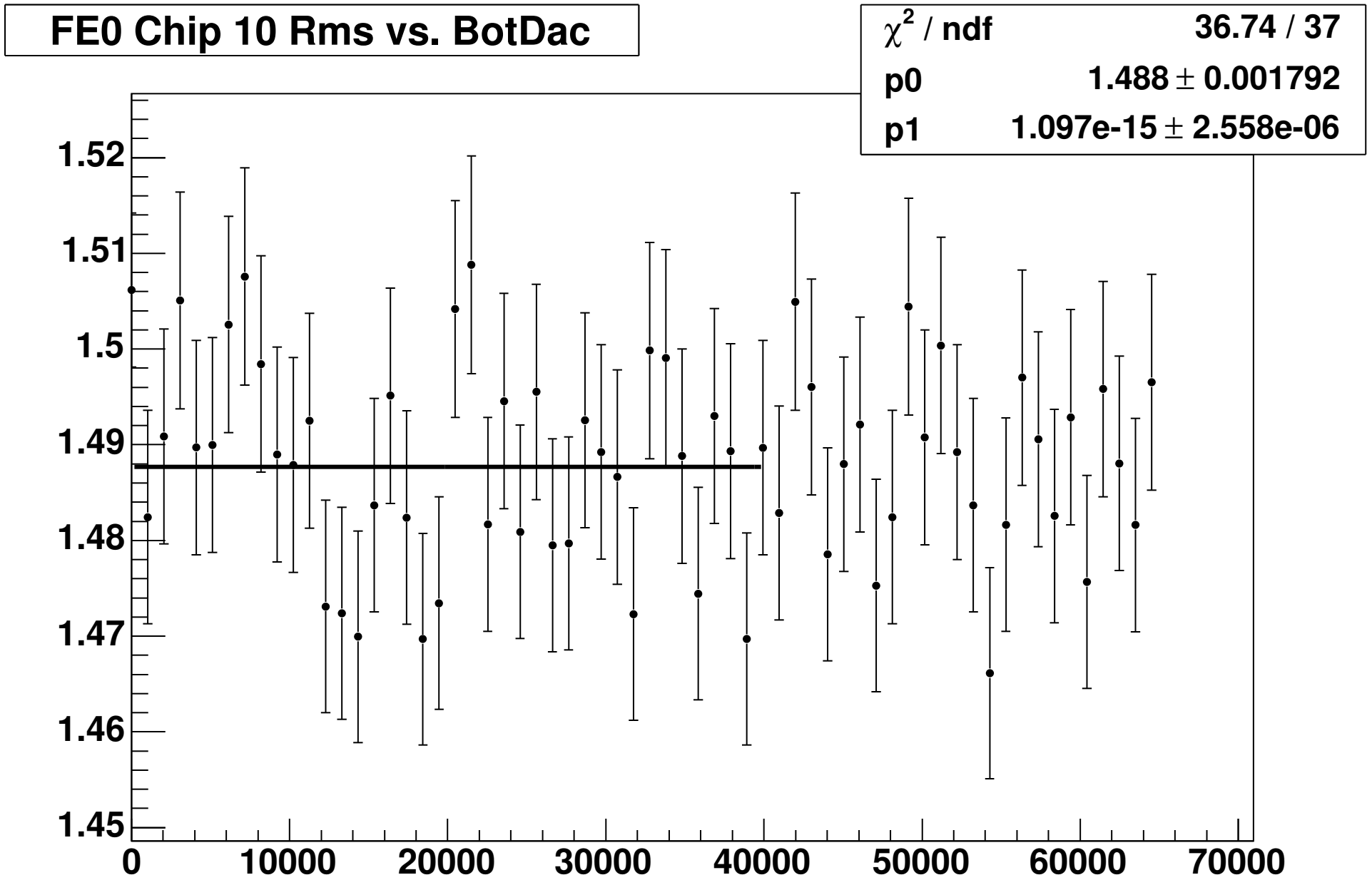
FE0 Chip 10 Rms vs. BotDac
χ² / ndf 36.74 / 37
p0 1.488 ± 0.001792
p1 1.097e-15 ± 2.558e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
0
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20000
30000
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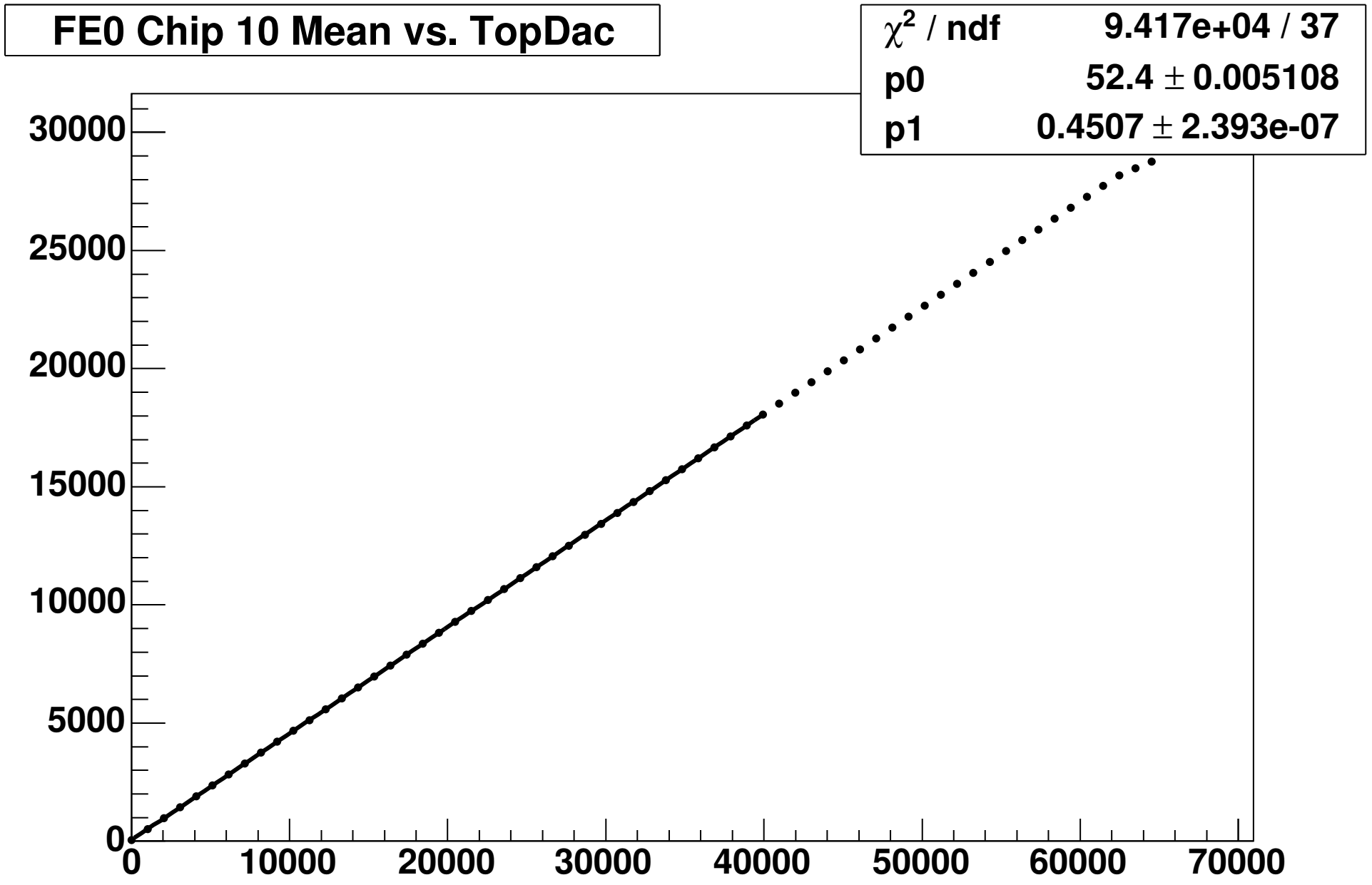
50000
60000
70000


FE0 Chip 10 Mean vs. TopDac
χ² / ndf 9.417e+04 / 37
p0 52.4 ± 0.005108
p1 0.4507 ± 2.393e-07
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20000
15000
10000
5000
0
0
10000
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30000
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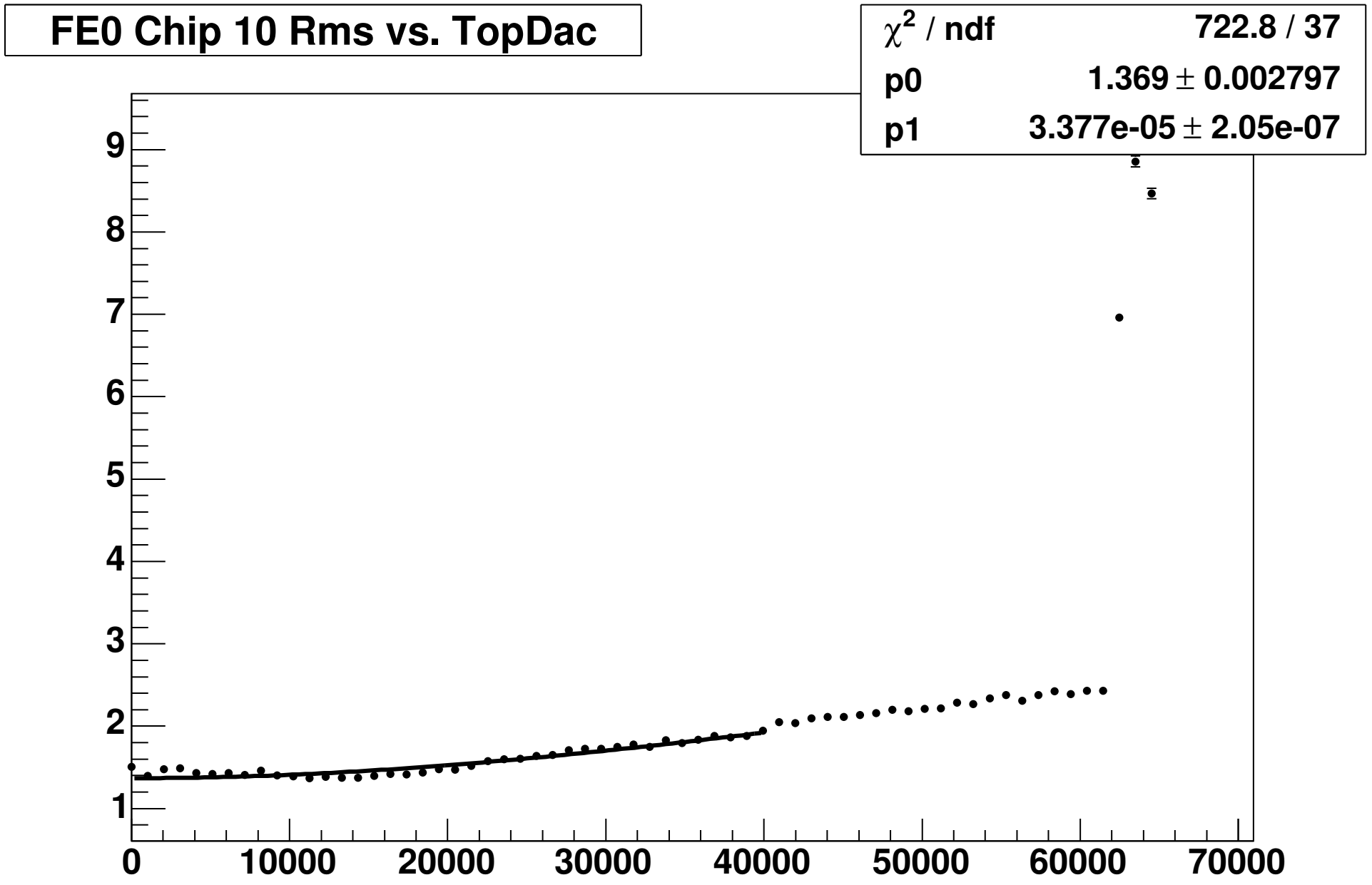
50000
60000
70000


FE0 Chip 10 Rms vs. TopDac
χ² / ndf 722.8 / 37
p0 1.369 ± 0.002797
p1 3.377e-05 ± 2.05e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
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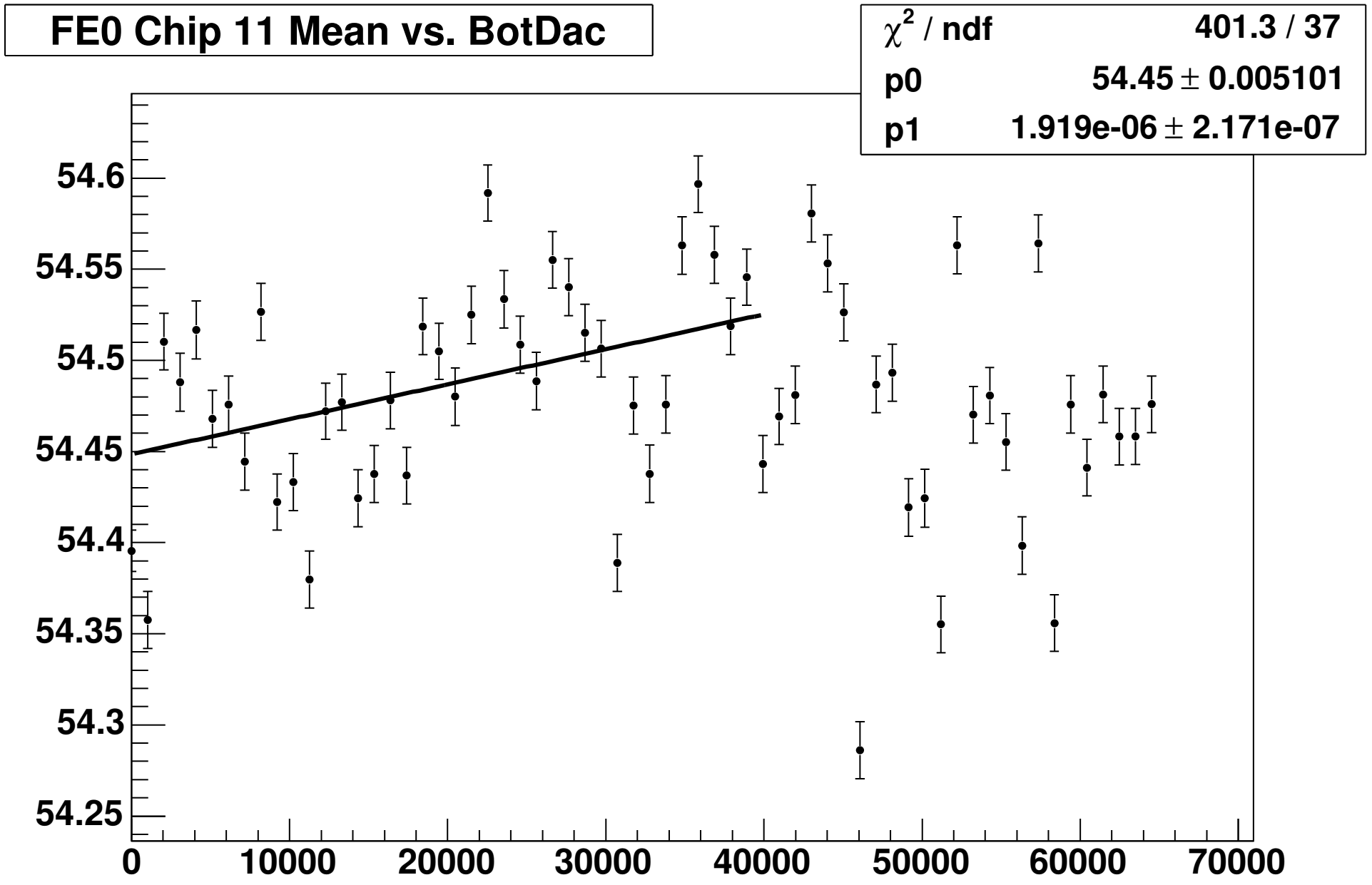
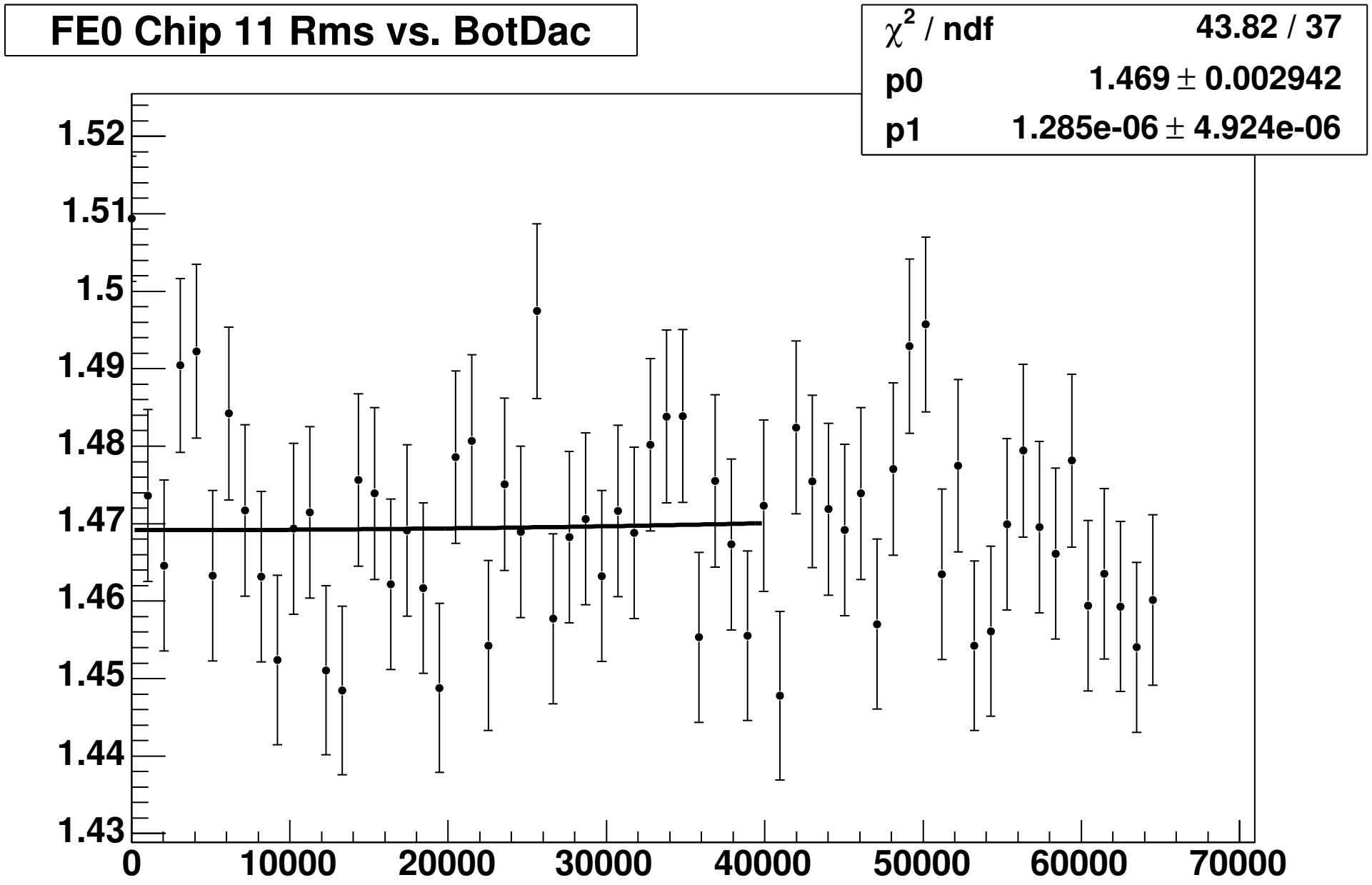

FE0 Chip 11 Mean vs. BotDac
χ² / ndf 401.3 / 37
p0 54.45 ± 0.005101
p1 1.919e-06 ± 2.171e-07
54.6
54.55
54.5
54.45
54.4
54.35
54.3
54.25
0
10000
20000
30000
40000
50000
60000
70000


FE0 Chip 11 Rms vs. BotDac
χ² / ndf 43.82 / 37
p0 1.469 ± 0.002942
p1 1.285e-06 ± 4.924e-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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30000
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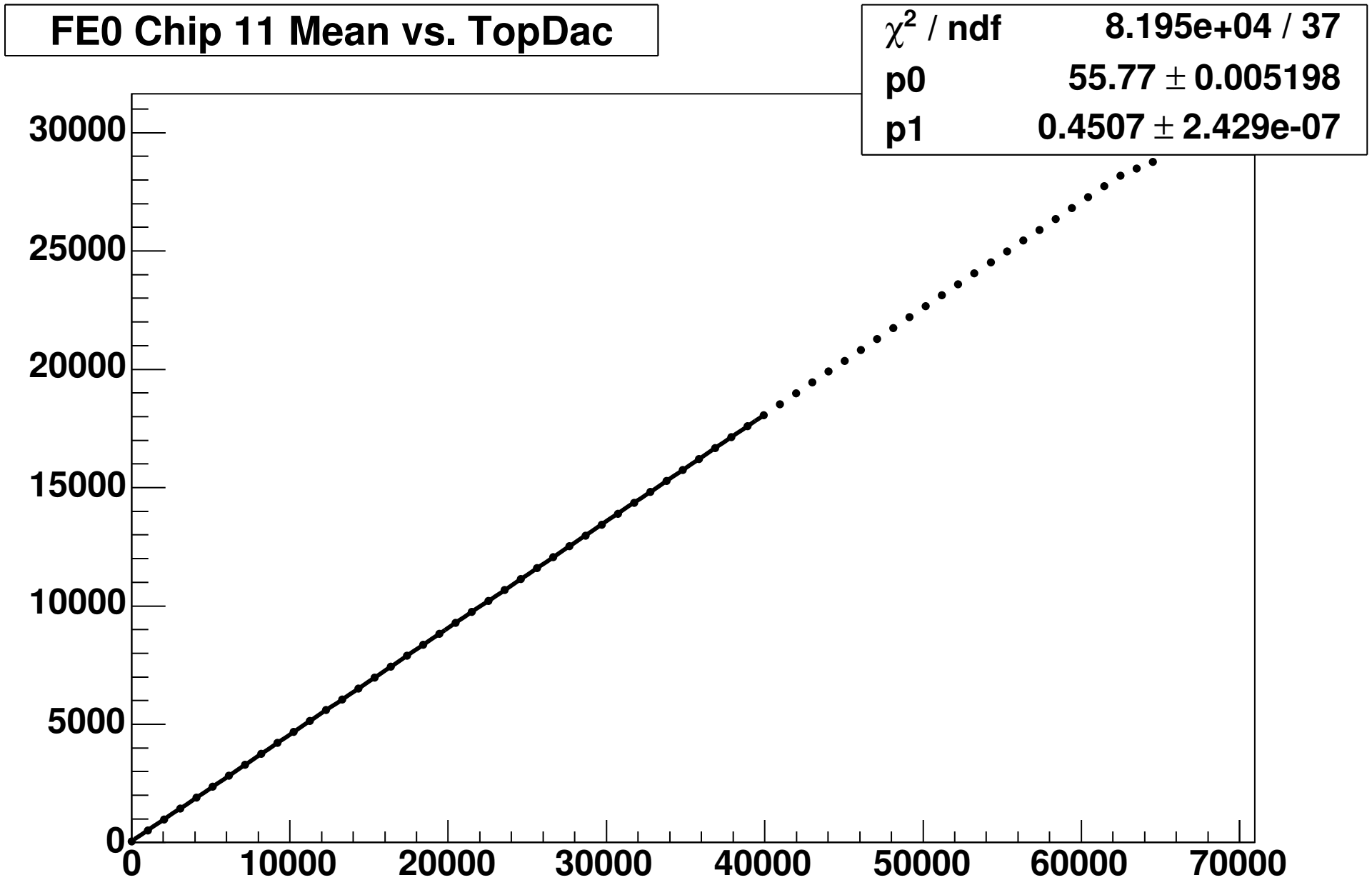
50000
60000
70000


FE0 Chip 11 Mean vs. TopDac
χ² / ndf 8.195e+04 / 37
p0 55.77 ± 0.005198
p1 0.4507 ± 2.429e-07
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15000
10000
5000
0
0
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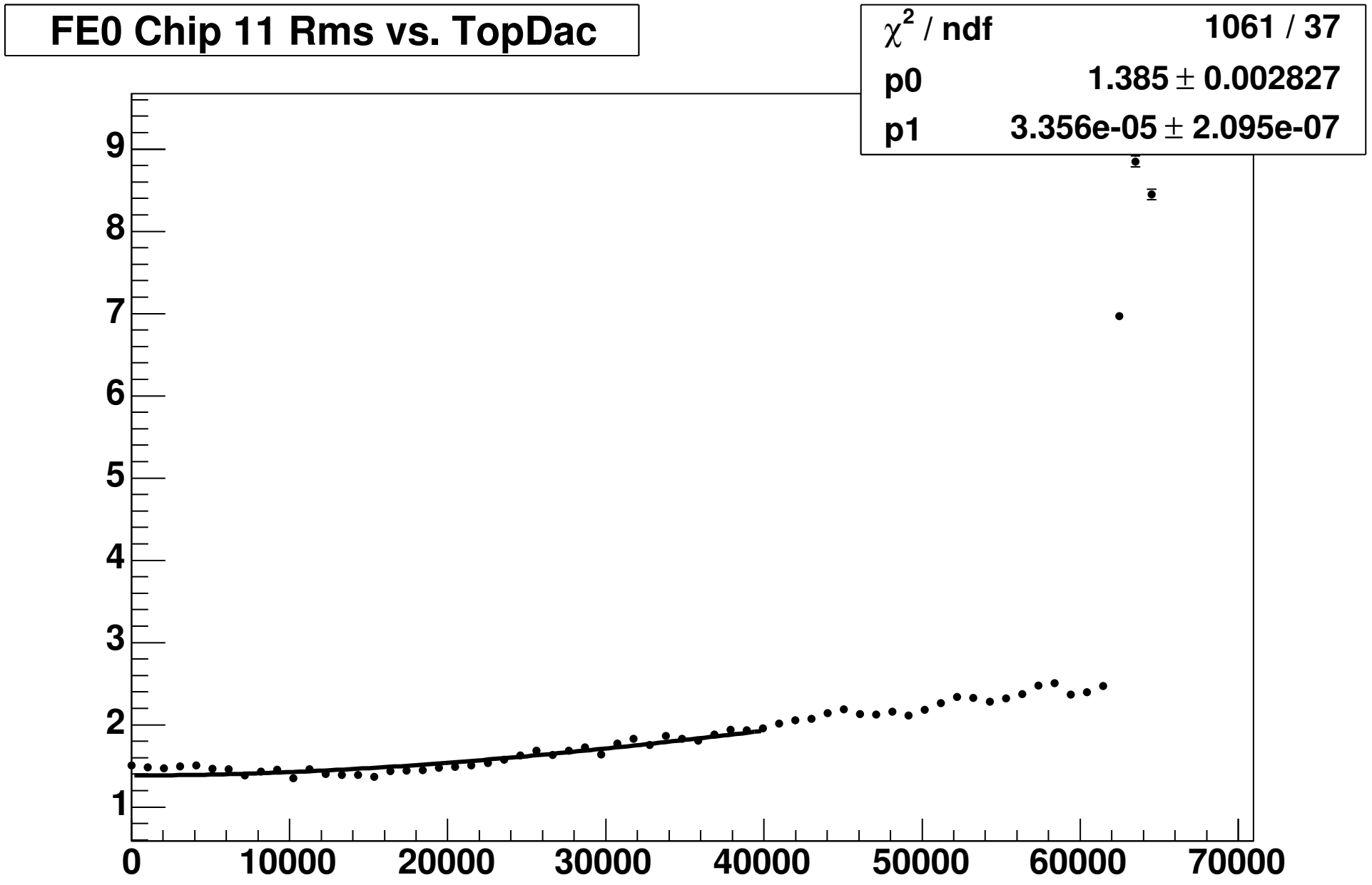
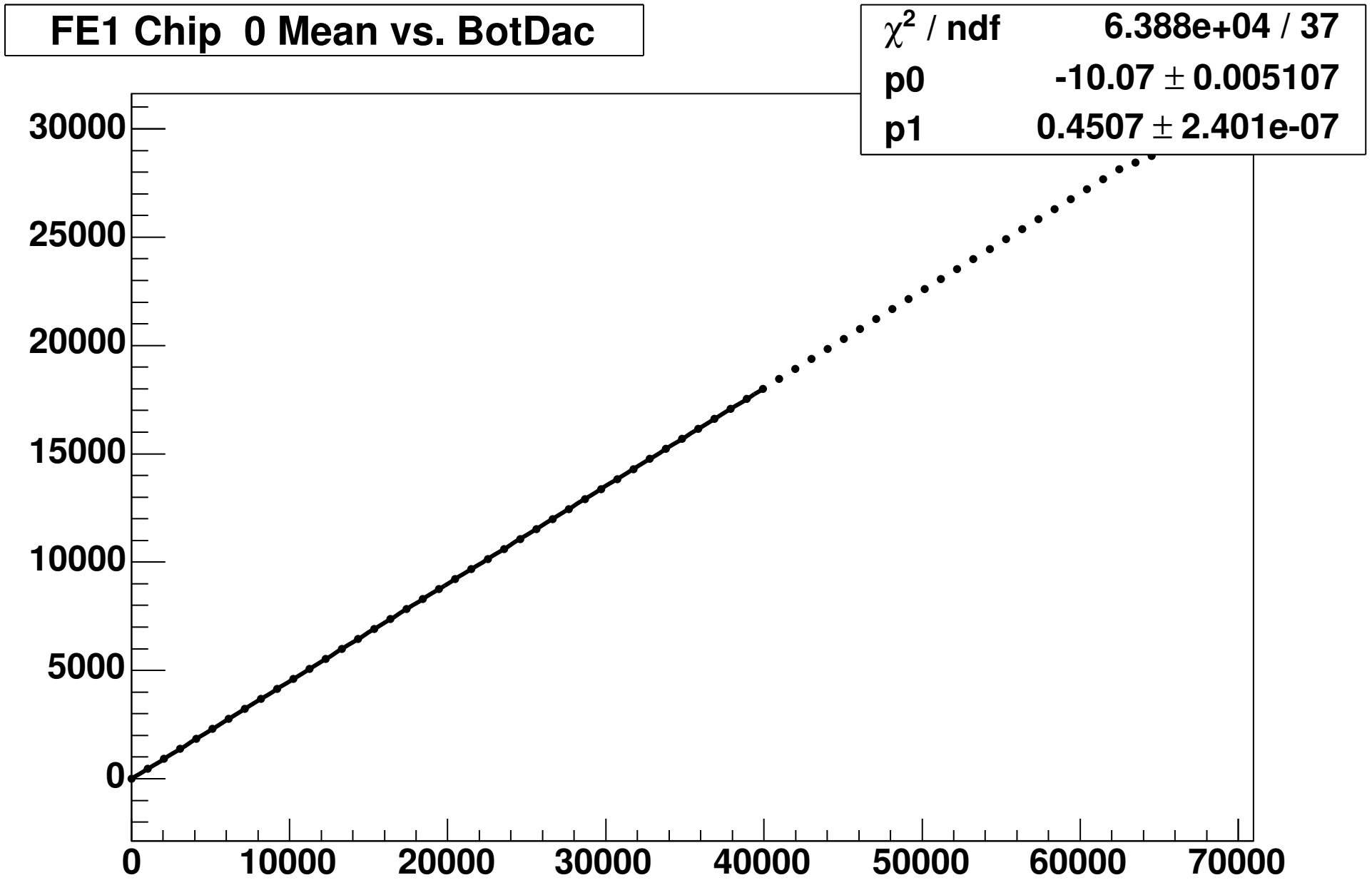
50000
60000
70000


FE0 Chip 11 Rms vs. TopDac
χ² / ndf 1061 / 37
p0 1.385 ± 0.002827
p1 3.356e-05 ± 2.095e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 0 Mean vs. BotDac
χ² / ndf 6.388e+04 / 37
p0 -10.07 ± 0.005107
p1 0.4507 ± 2.401e-07
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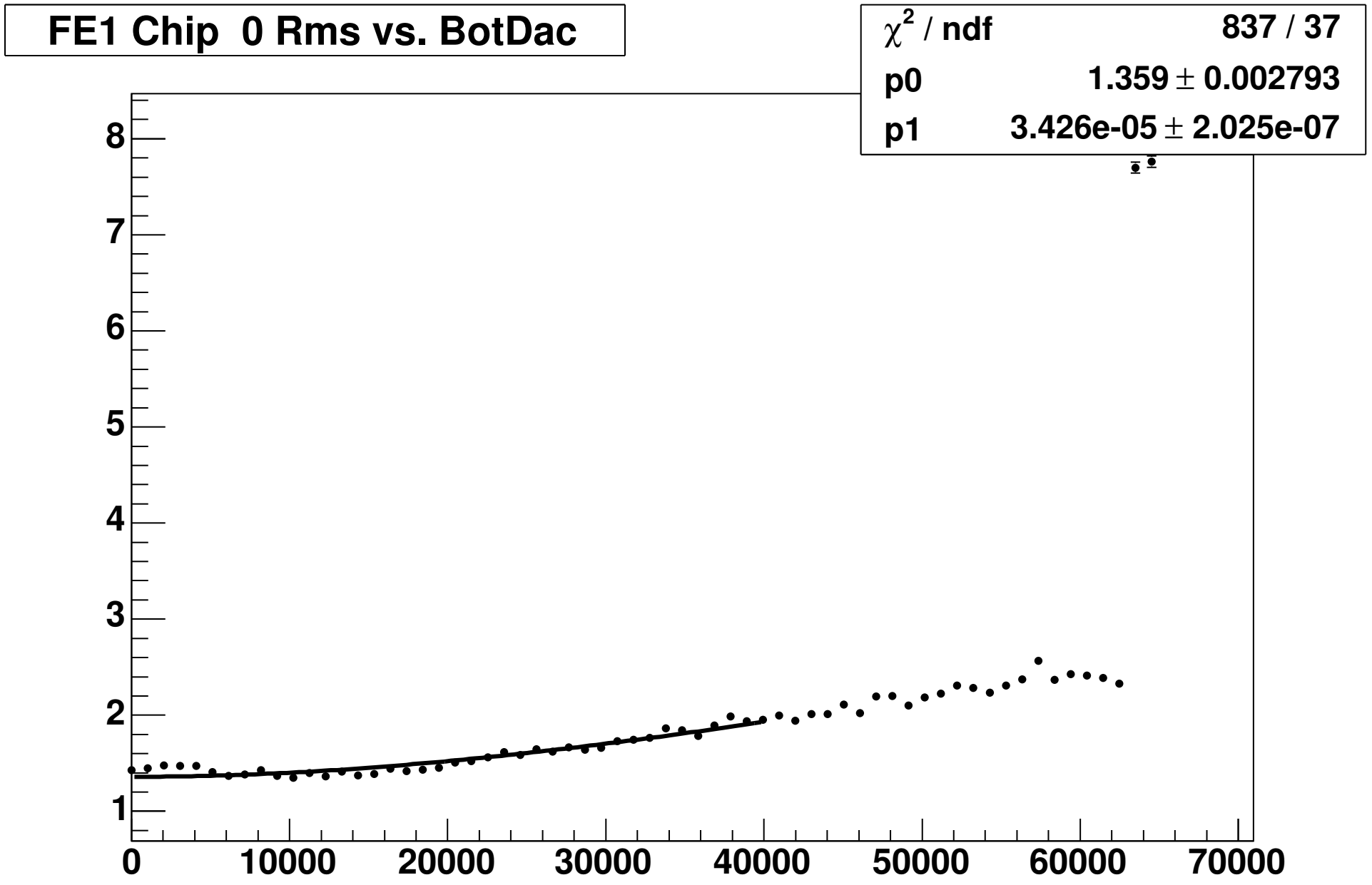
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 0 Rms vs. BotDac
χ² / ndf 837 / 37
p0 1.359 ± 0.002793
p1 3.426e-05 ± 2.025e-07
8
7
6
5
4
3
2
1
0
10000
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40000
50000
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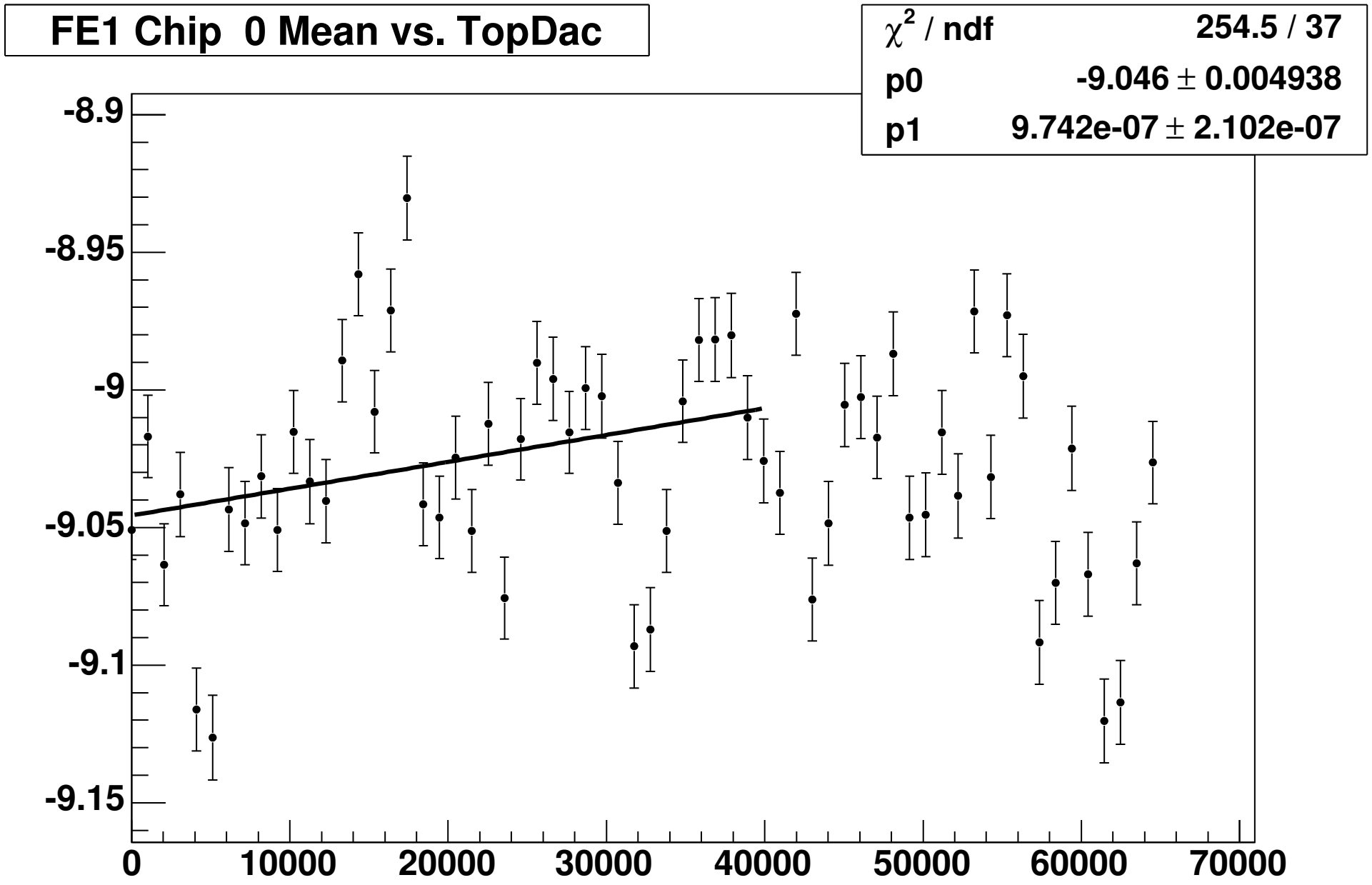
FE1 Chip 0 Mean vs. TopDac
χ² / ndf 254.5 / 37
p0 -9.046 ± 0.004938
p1 9.742e-07 ± 2.102e-07
-8.9
-8.95
-9
-9.05
-9.1
-9.15
0
10000
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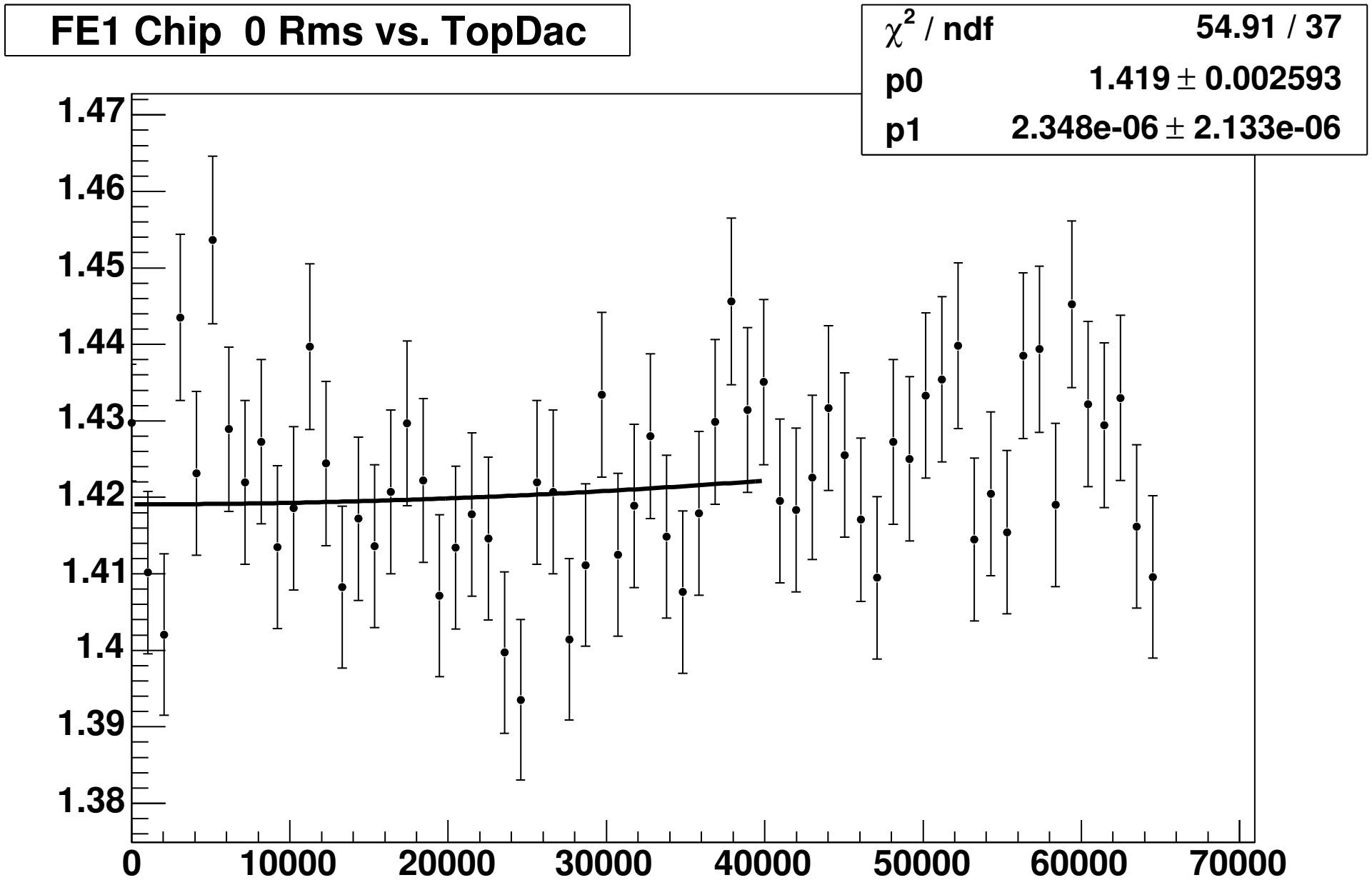
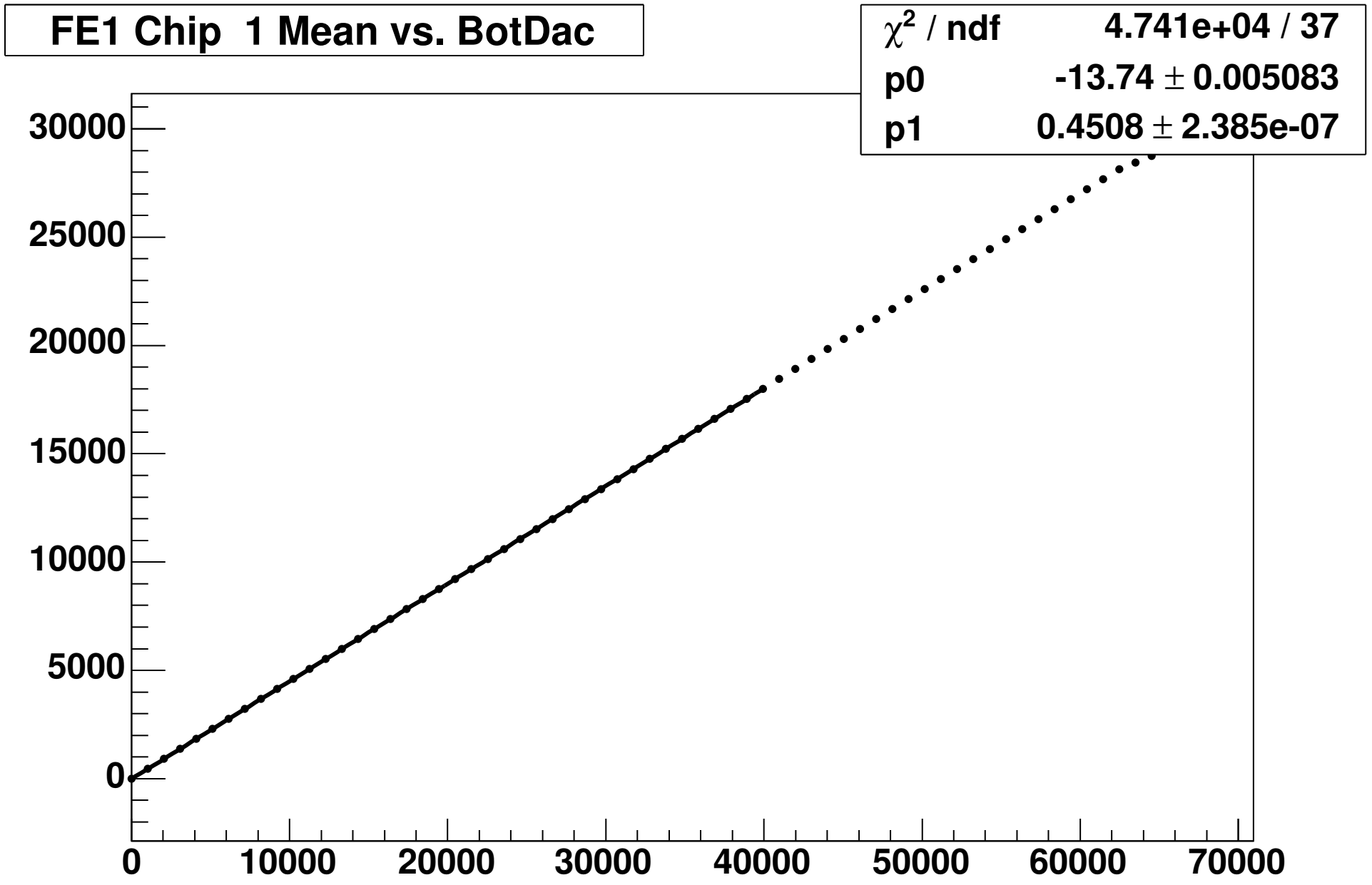
50000
60000
70000


FE1 Chip 0 Rms vs. TopDac
χ² / ndf 54.91 / 37
p0 1.419 ± 0.002593
p1 2.348e-06 ± 2.133e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 1 Mean vs. BotDac
χ² / ndf 4.741e+04 / 37
p0 -13.74 ± 0.005083
p1 0.4508 ± 2.385e-07
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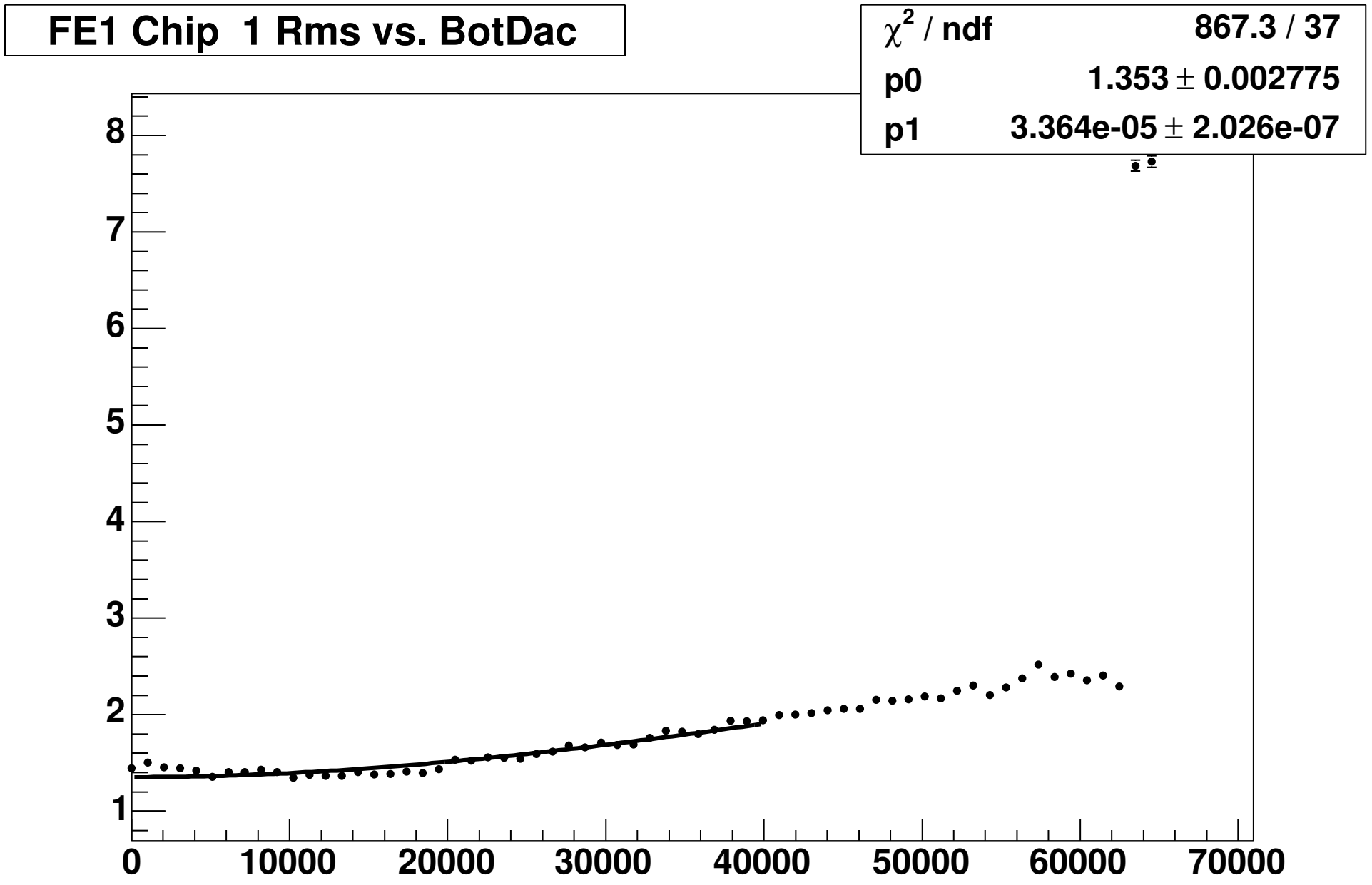
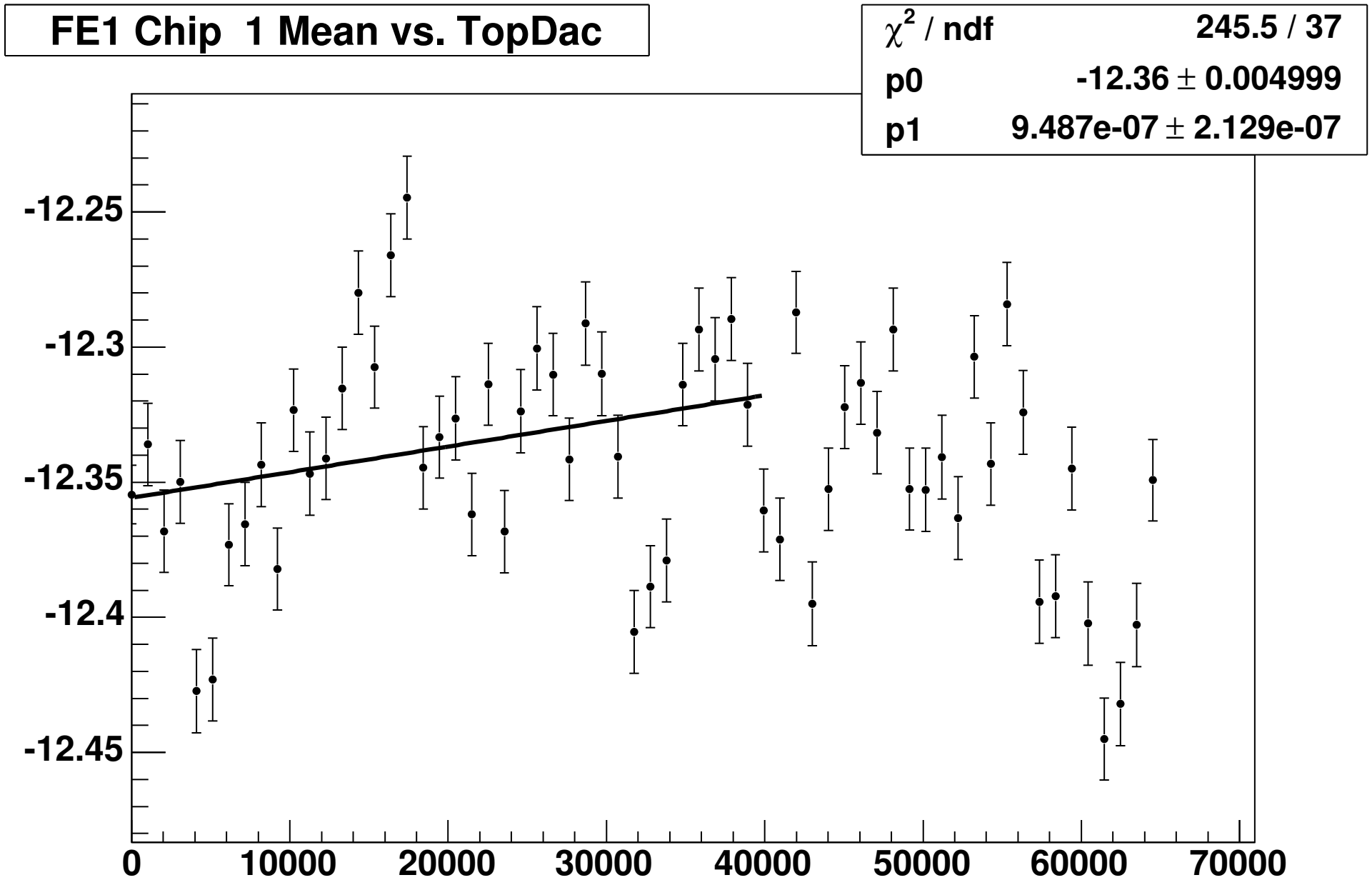
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 1 Rms vs. BotDac
χ² / ndf 867.3 / 37
p0 1.353 ± 0.002775
p1 3.364e-05 ± 2.026e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 1 Mean vs. TopDac
χ² / ndf 245.5 / 37
p0 -12.36 ± 0.004999
p1 9.487e-07 ± 2.129e-07
-12.25
-12.3
-12.35
-12.4
-12.45
0
10000
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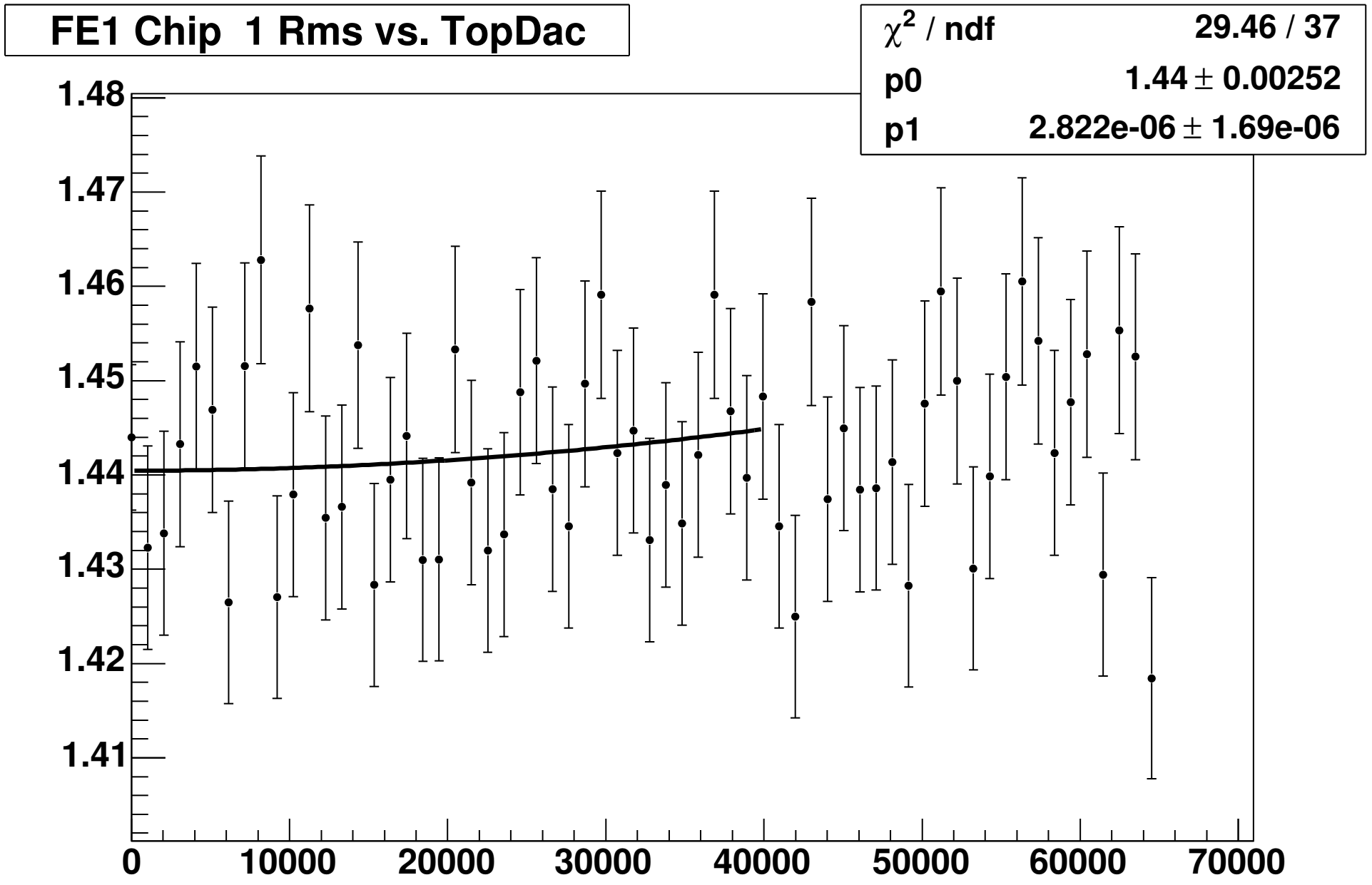
30000
40000
50000
60000
70000


FE1 Chip 1 Rms vs. TopDac
χ² / ndf 29.46 / 37
p0 1.44 ± 0.00252
p1 2.822e-06 ± 1.69e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
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20000
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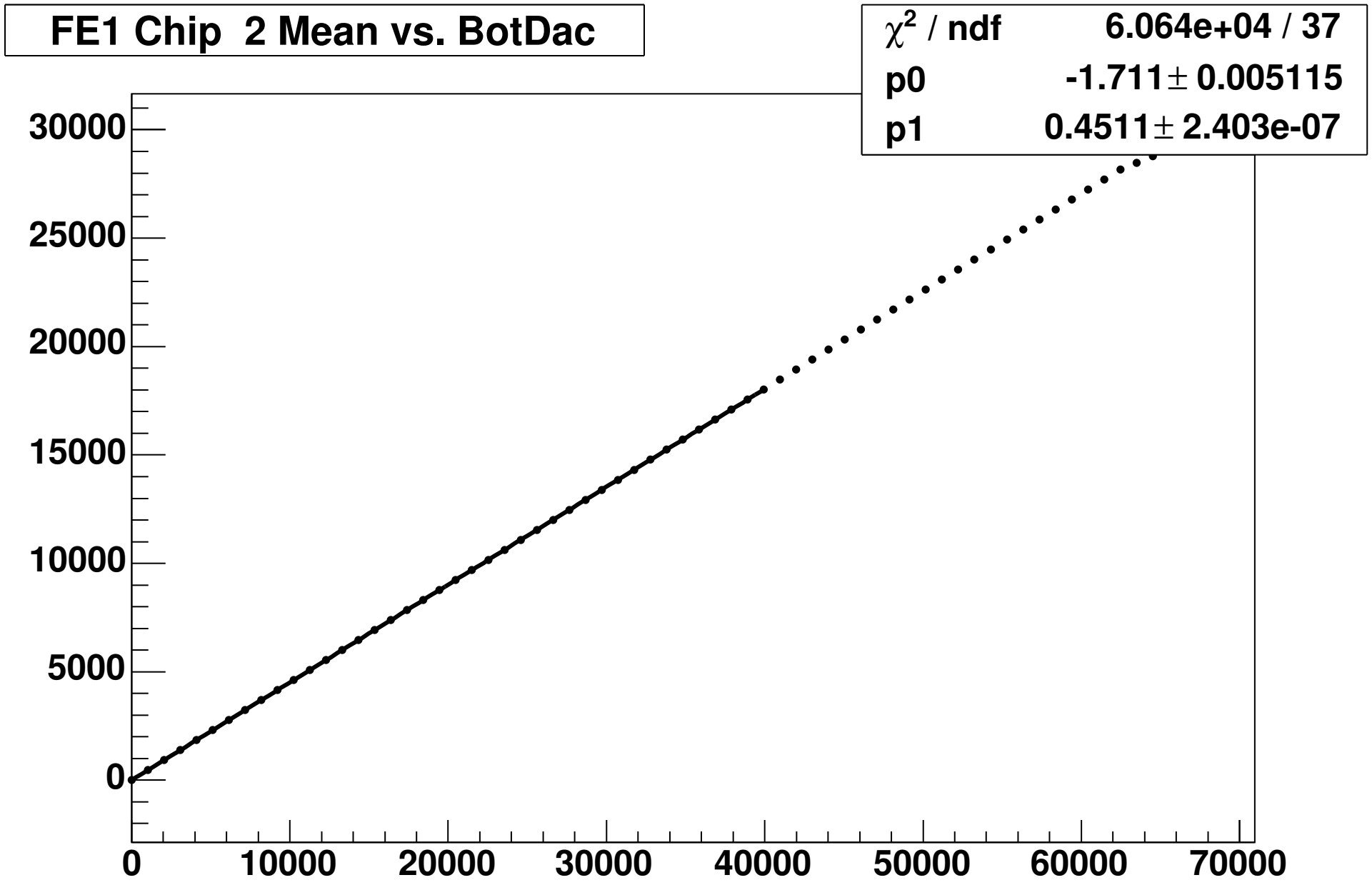
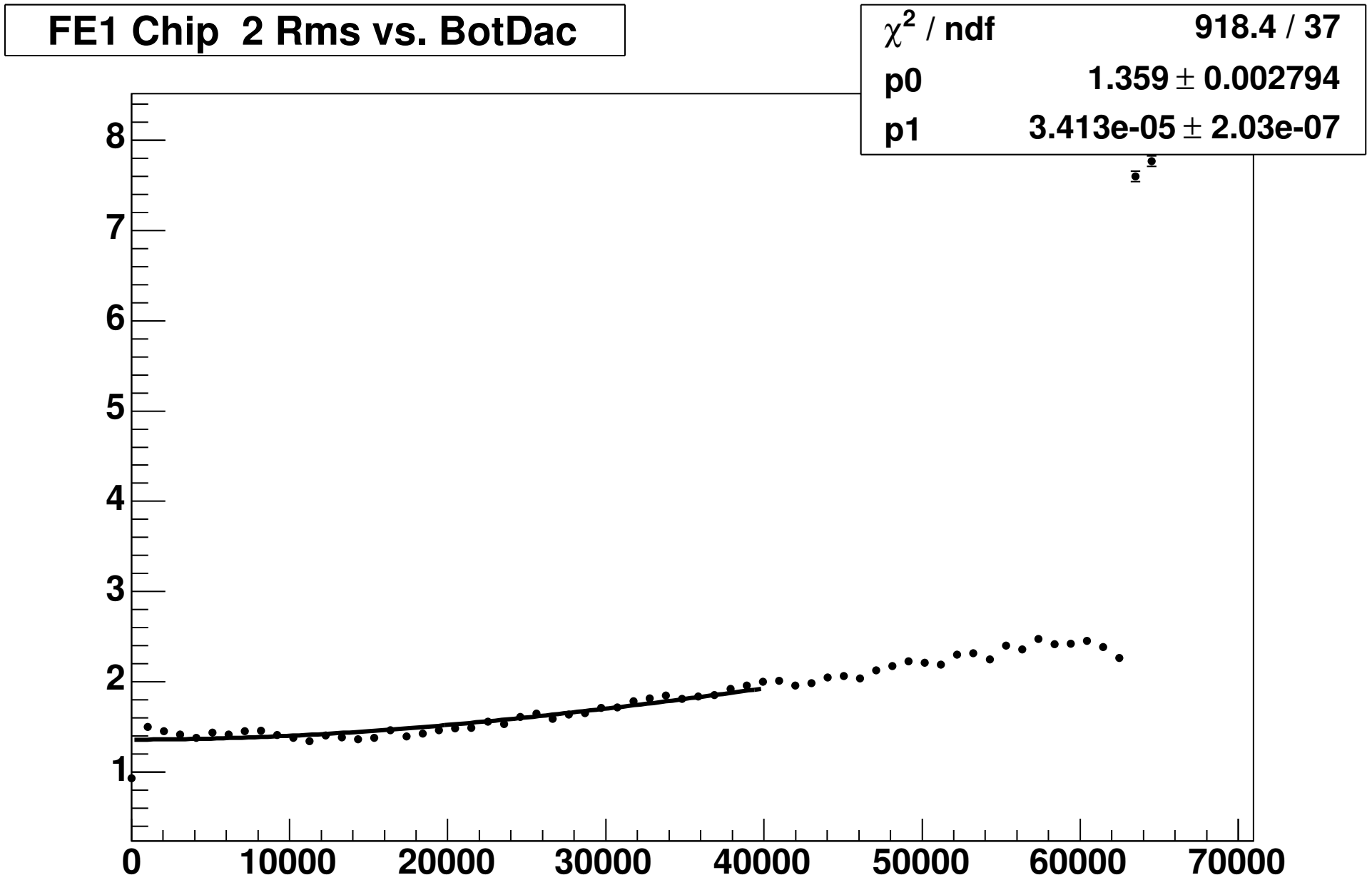
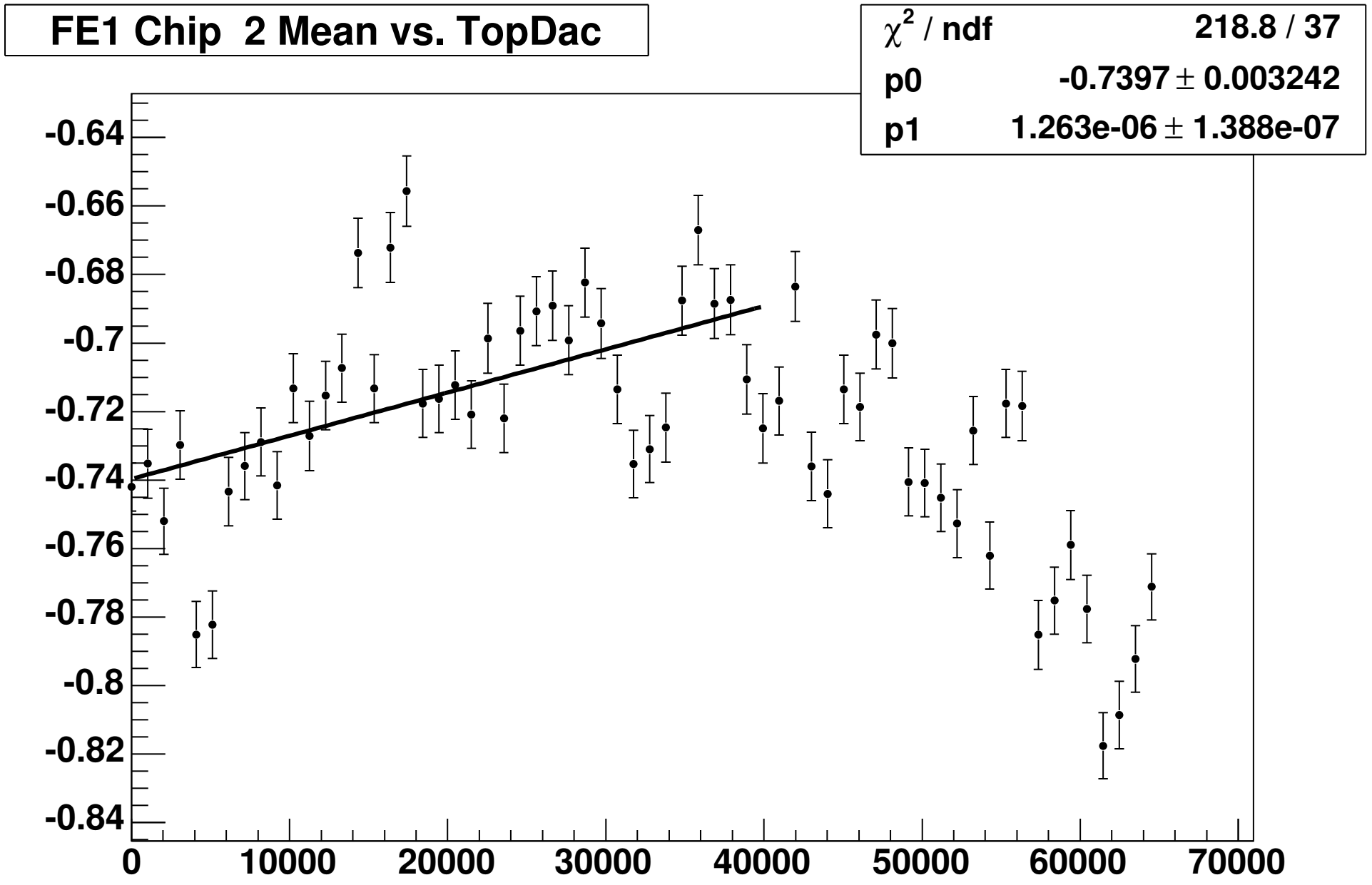
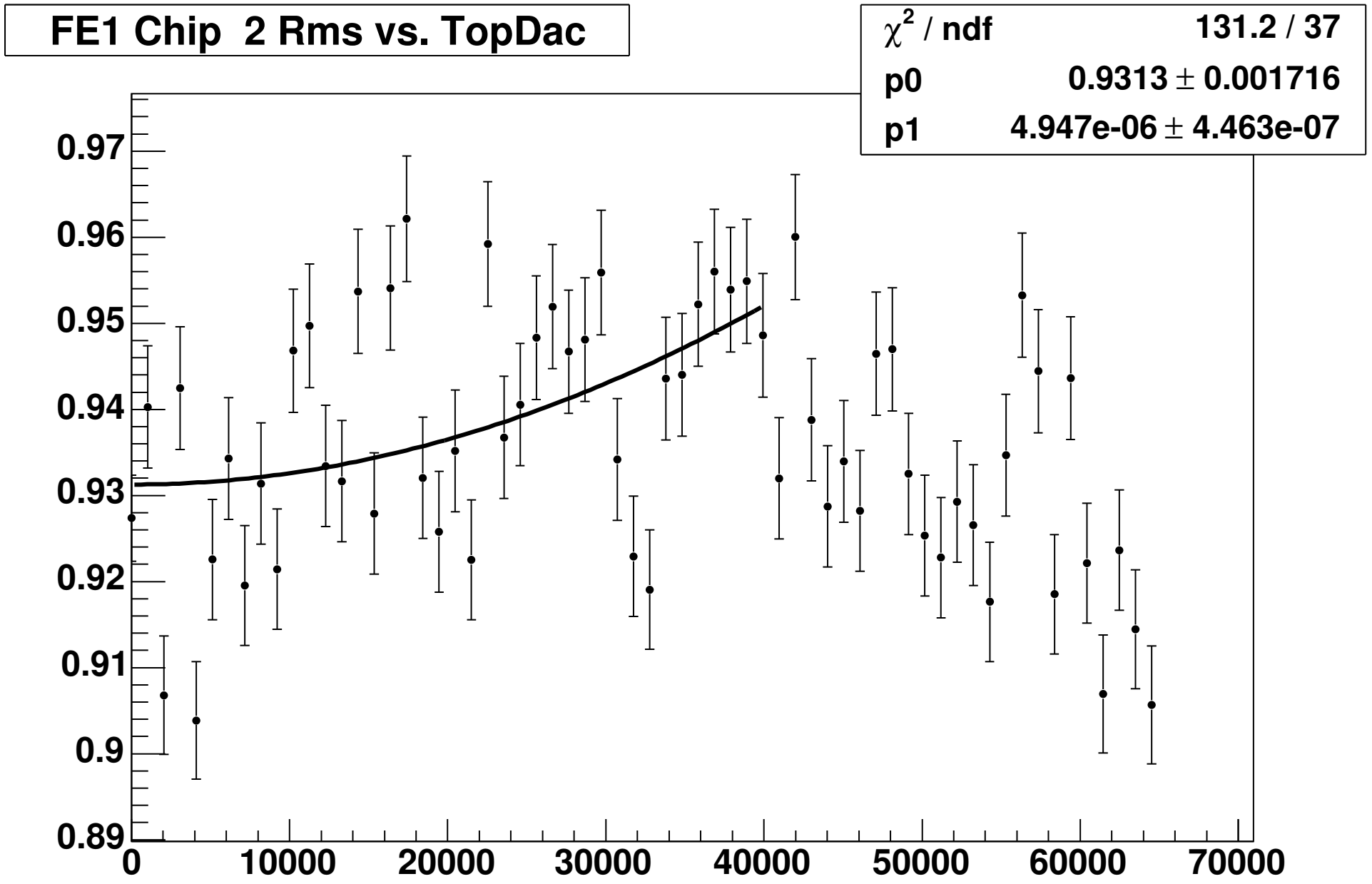
50000
60000
70000


FE1 Chip 2 Mean vs. BotDac
χ² / ndf 6.064e+04 / 37
p0 -1.711 ± 0.005115
p1 0.4511 ± 2.403e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 2 Rms vs. BotDac
χ² / ndf 918.4 / 37
p0 1.359 ± 0.002794
p1 3.413e-05 ± 2.03e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 2 Mean vs. TopDac
χ² / ndf 218.8 / 37
p0 -0.7397 ± 0.003242
p1 1.263e-06 ± 1.388e-07
-0.64
-0.66
-0.68
-0.7
-0.72
-0.74
-0.76
-0.78
-0.8
-0.82
-0.84
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 2 Rms vs. TopDac
χ^2 / ndf 131.2 / 37
p0 0.9313 ± 0.001716
p1 4.947e-06 ± 4.463e-07
0.97
0.96
0.95
0.94
0.93
0.92
0.91
0.9
0.89
0
10000
20000
30000
40000
50000
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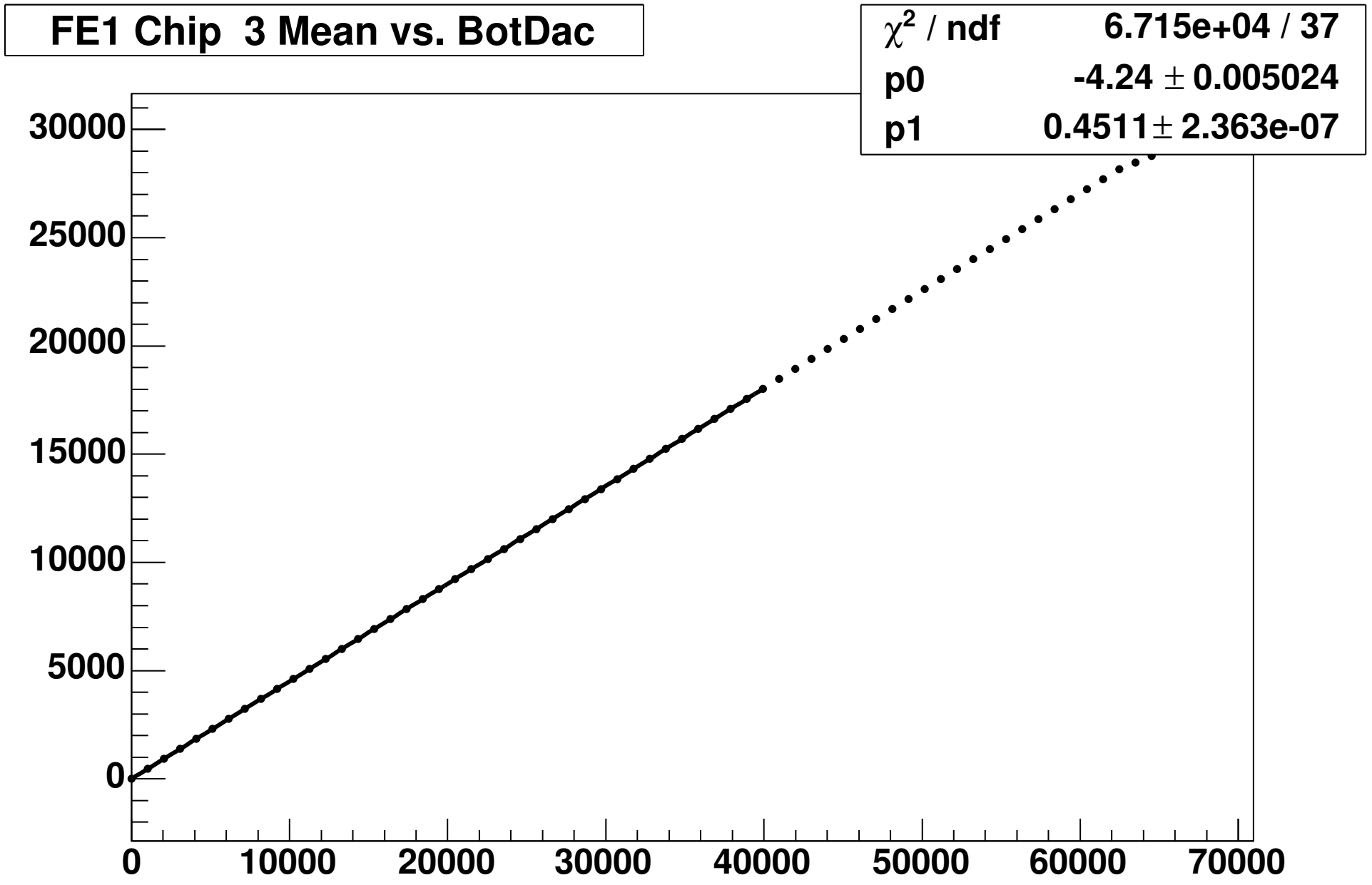
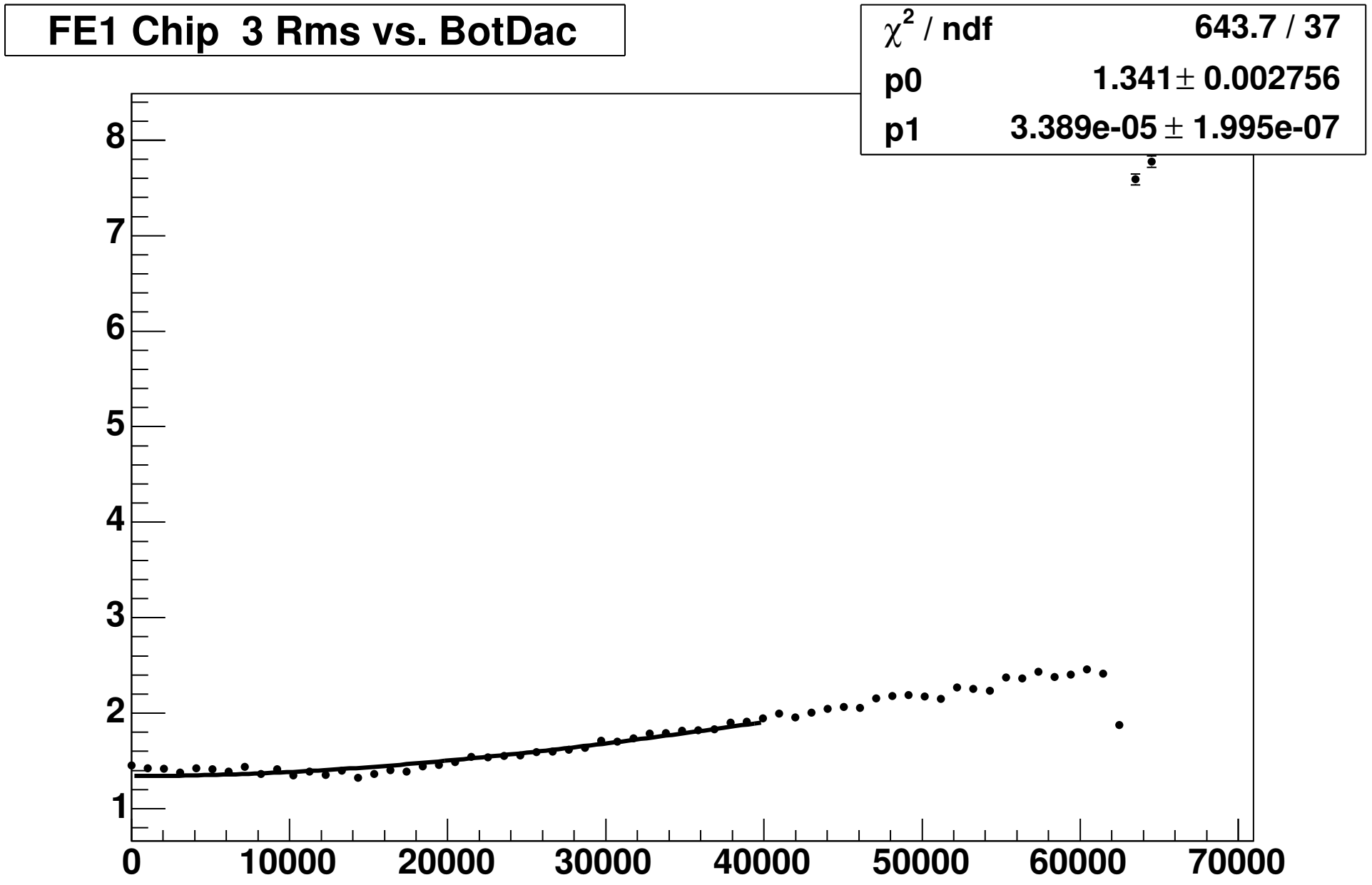
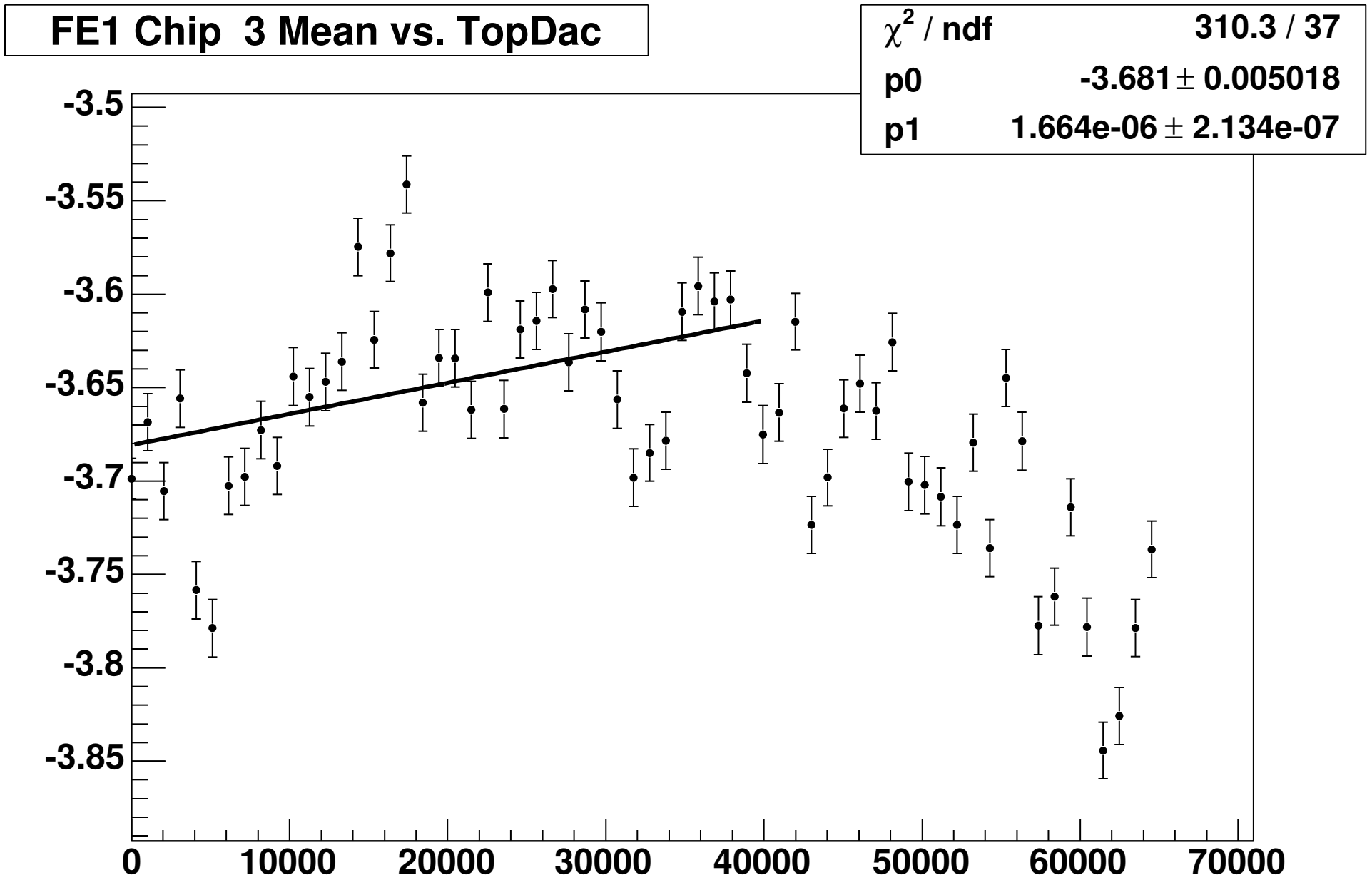

FE1 Chip 3 Mean vs. BotDac
χ² / ndf 6.715e+04 / 37
p0 -4.24 ± 0.005024
p1 0.4511 ± 2.363e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 3 Rms vs. BotDac
χ² / ndf 643.7 / 37
p0 1.341 ± 0.002756
p1 3.389e-05 ± 1.995e-07
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 3 Mean vs. TopDac
χ² / ndf 310.3 / 37
p0 -3.681 ± 0.005018
p1 1.664e-06 ± 2.134e-07
-3.5
-3.55
-3.6
-3.65
-3.7
-3.75
-3.8
-3.85
0
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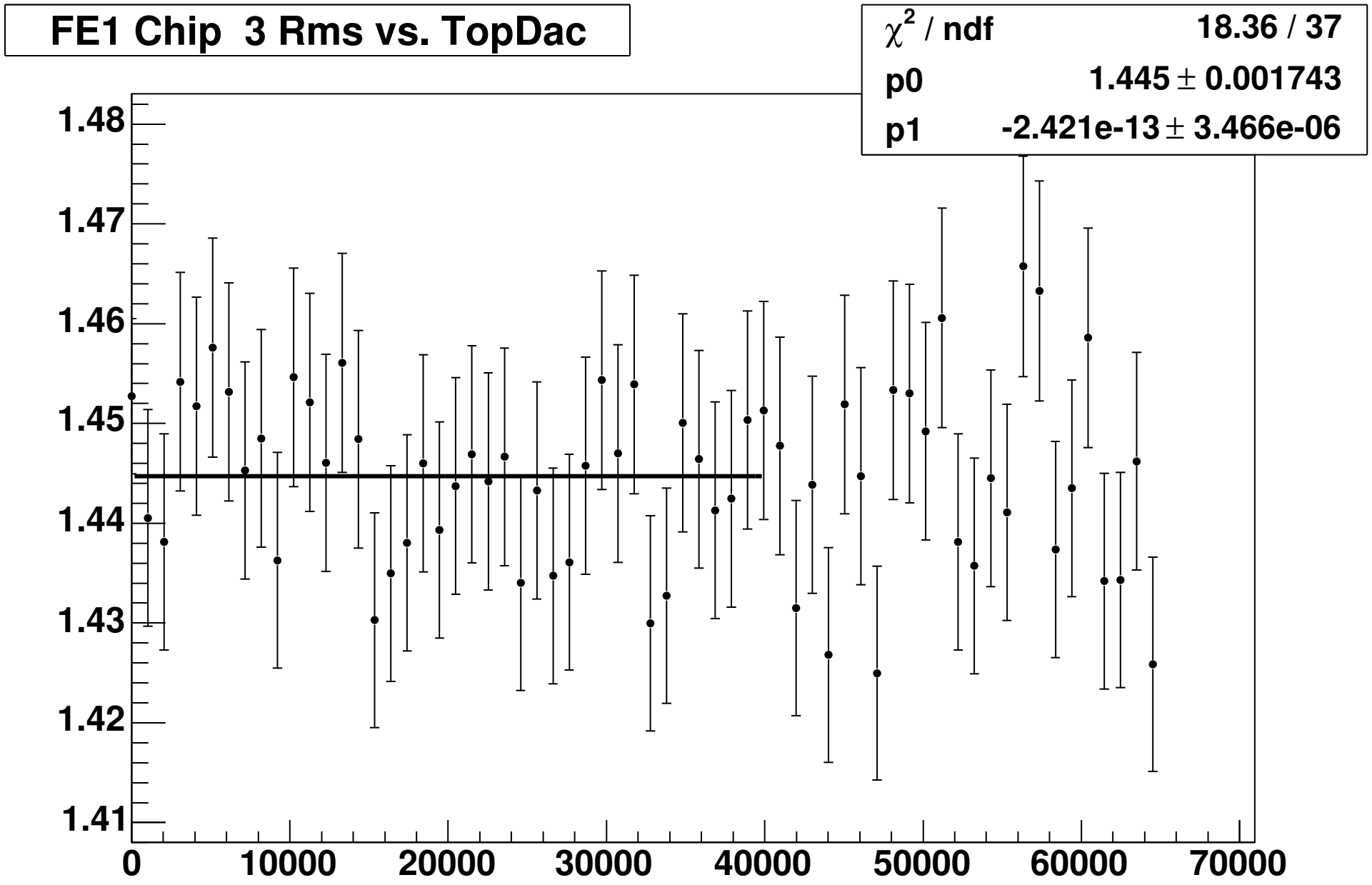
FE1 Chip 3 Rms vs. TopDac
χ² / ndf 18.36 / 37
p0 1.445 ± 0.001743
p1 -2.421e-13 ± 3.466e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
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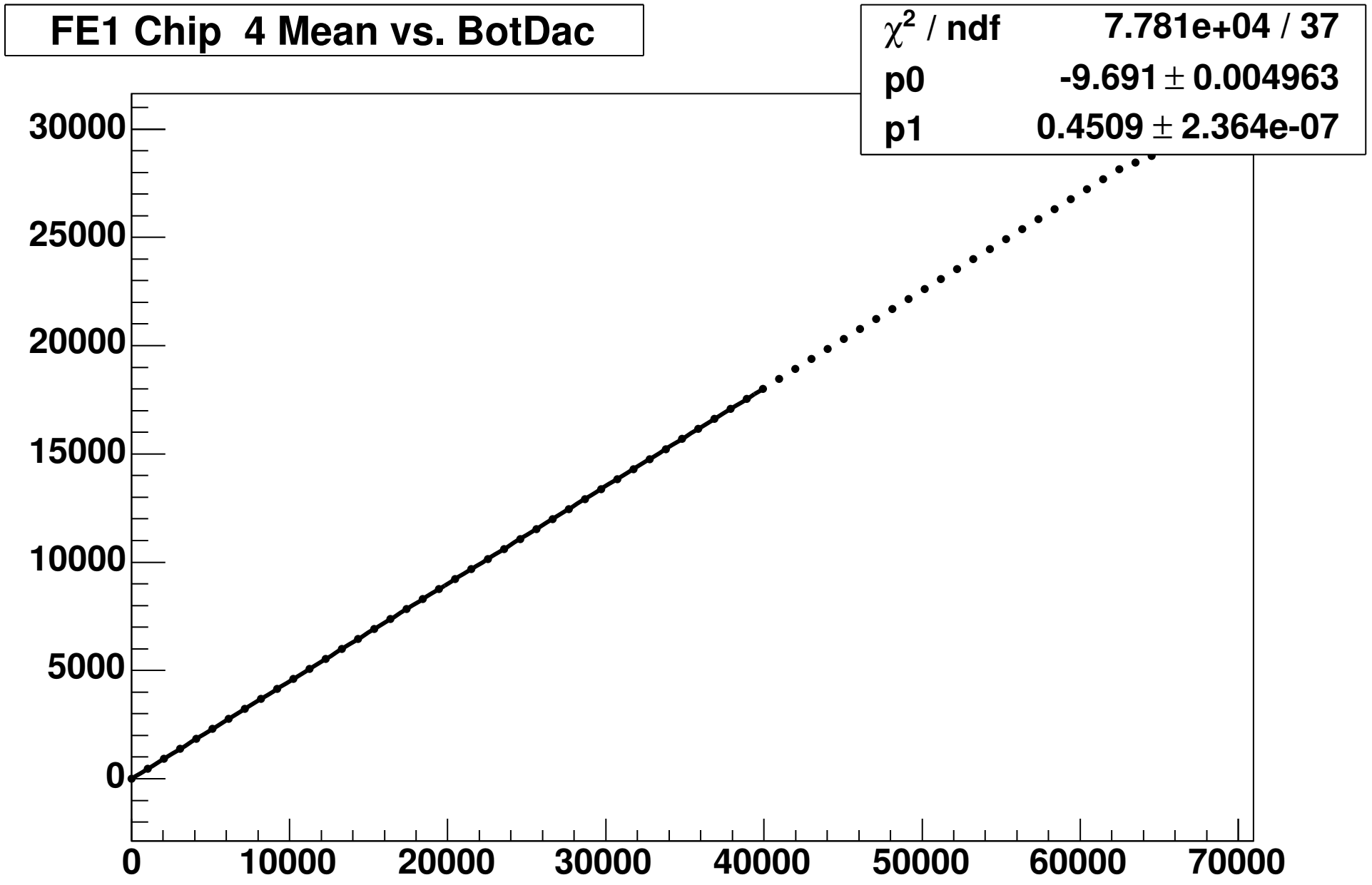
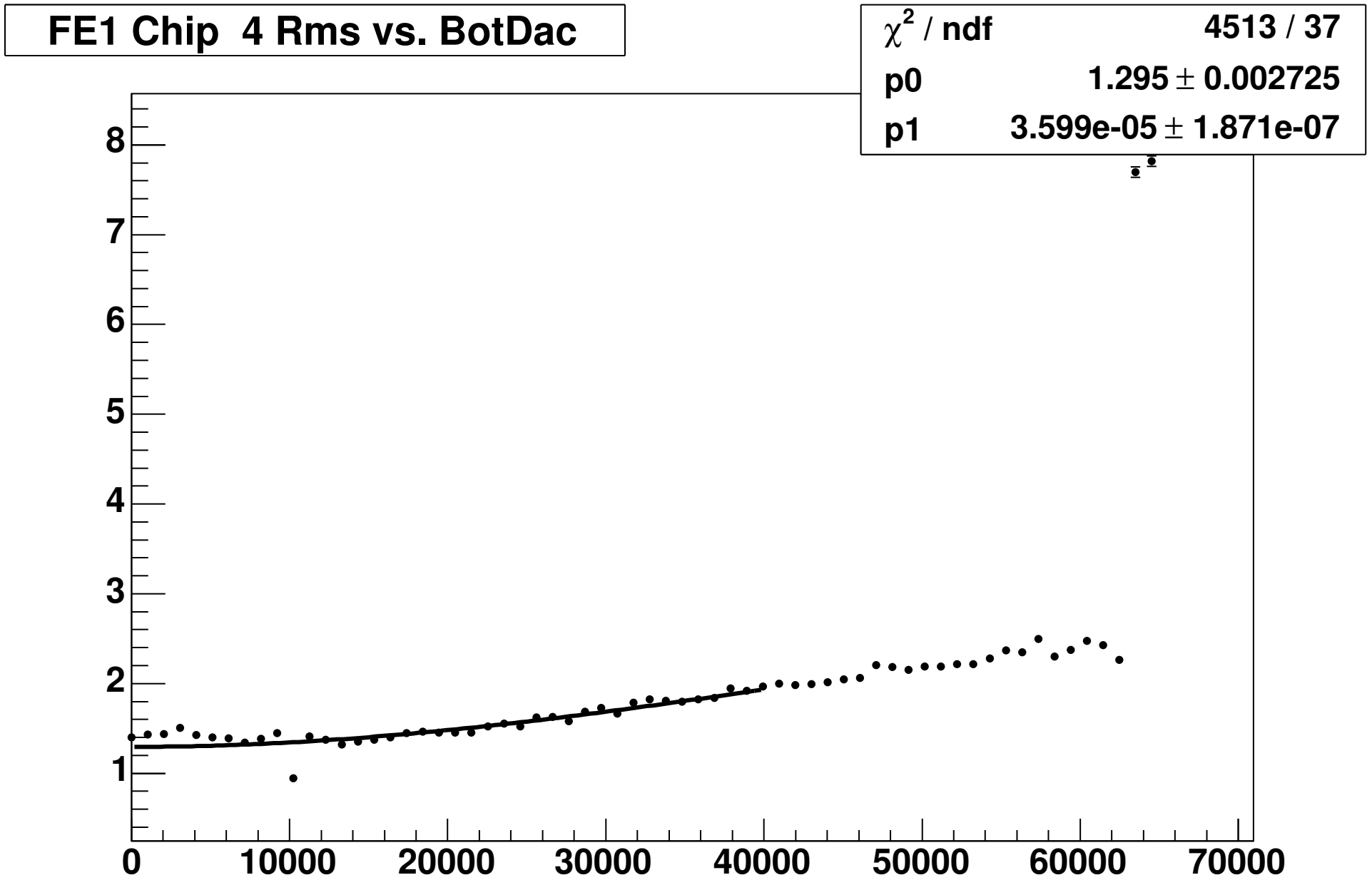

FE1 Chip 4 Mean vs. BotDac
χ² / ndf 7.781e+04 / 37
p0 -9.691 ± 0.004963
p1 0.4509 ± 2.364e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 4 Rms vs. BotDac
χ² / ndf 4513 / 37
p0 1.295 ± 0.002725
p1 3.599e-05 ± 1.871e-07
8
7
6
5
4
3
2
1
0
10000
20000
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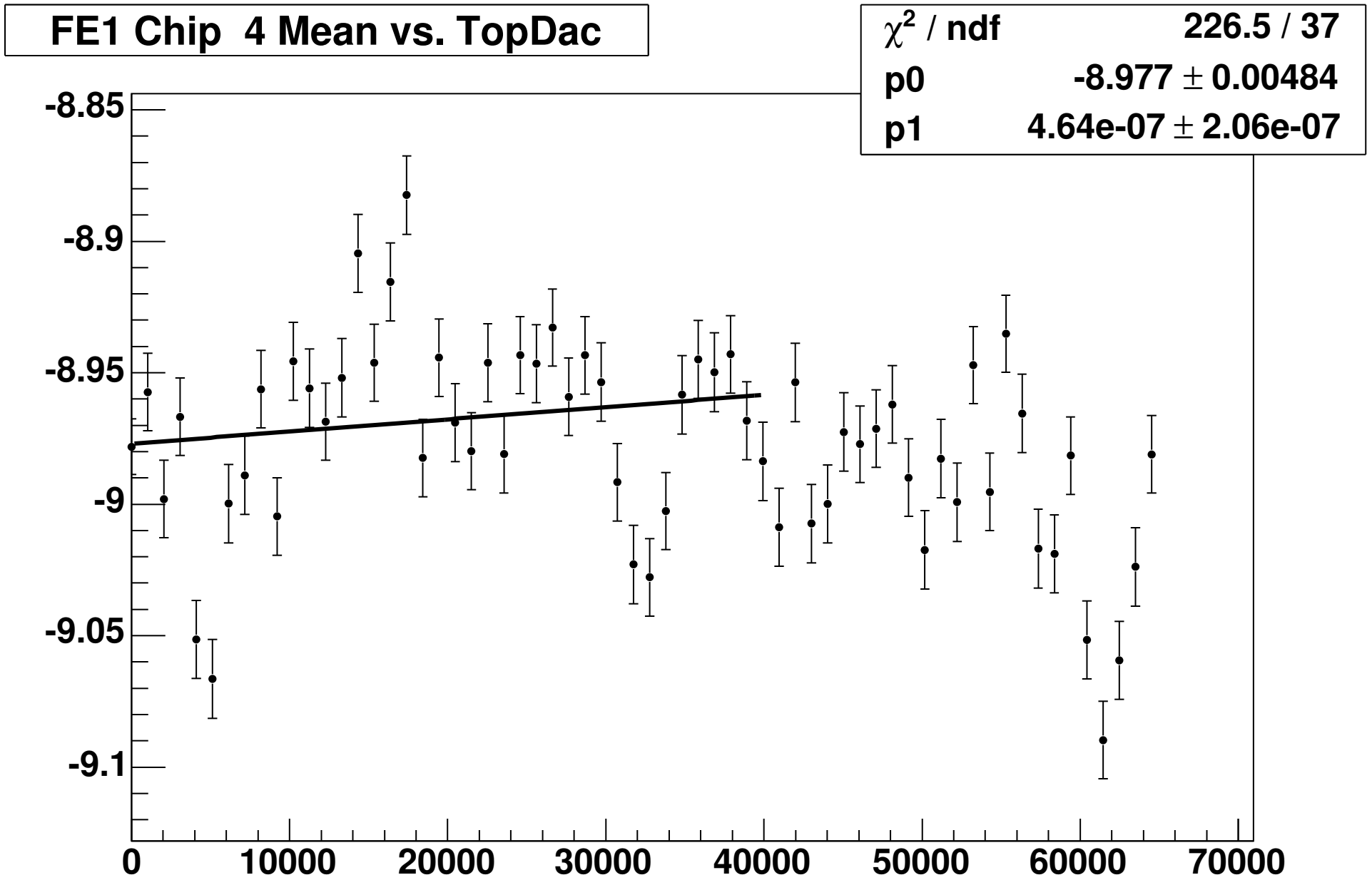
FE1 Chip 4 Mean vs. TopDac
χ² / ndf 226.5 / 37
p0 -8.977 ± 0.00484
p1 4.64e-07 ± 2.06e-07
-8.85
-8.9
-8.95
-9
-9.05
-9.1
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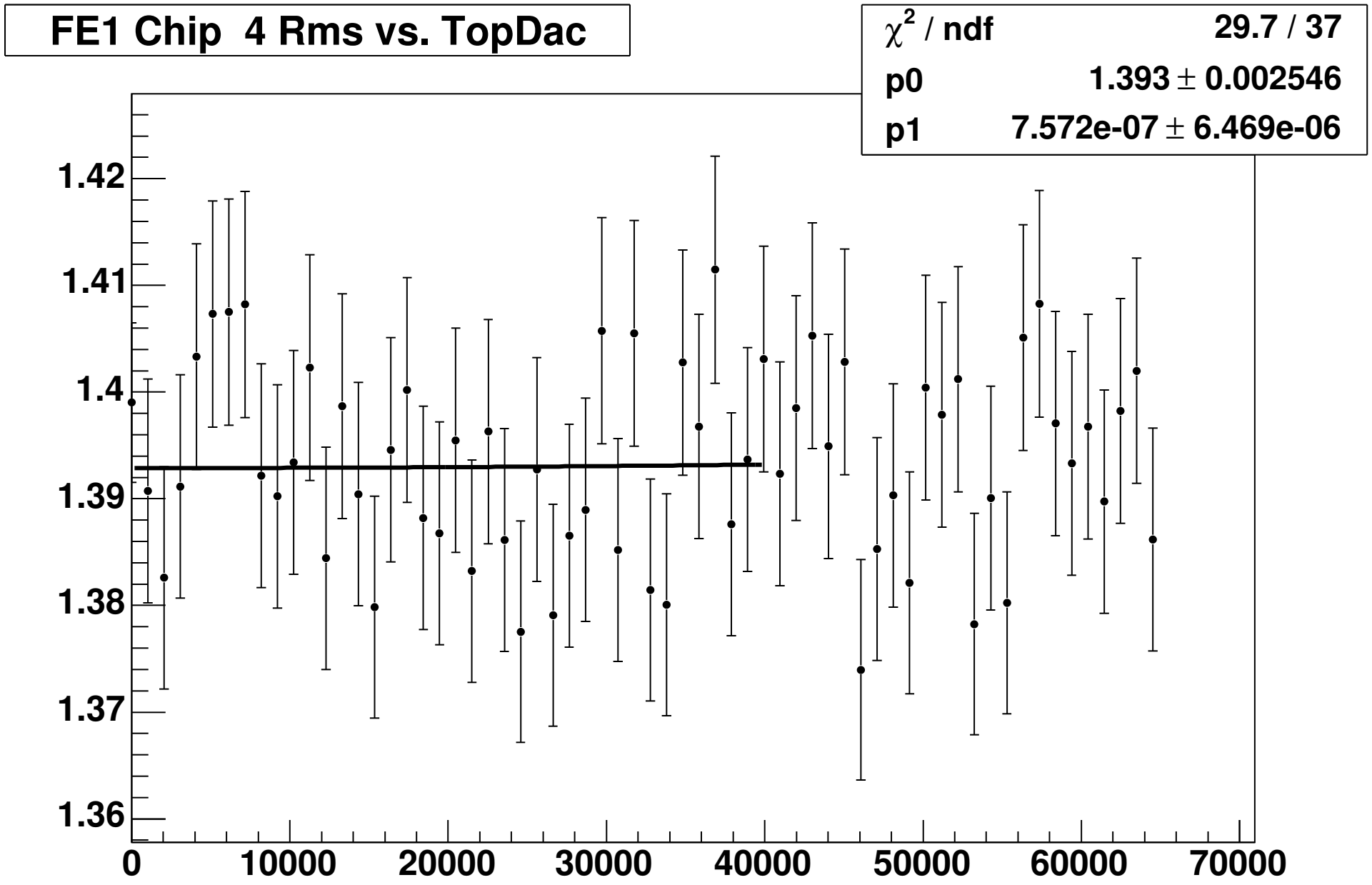
FE1 Chip 4 Rms vs. TopDac
χ² / ndf 29.7 / 37
p0 1.393 ± 0.002546
p1 7.572e-07 ± 6.469e-06
1.42
1.41
1.4
1.39
1.38
1.37
1.36
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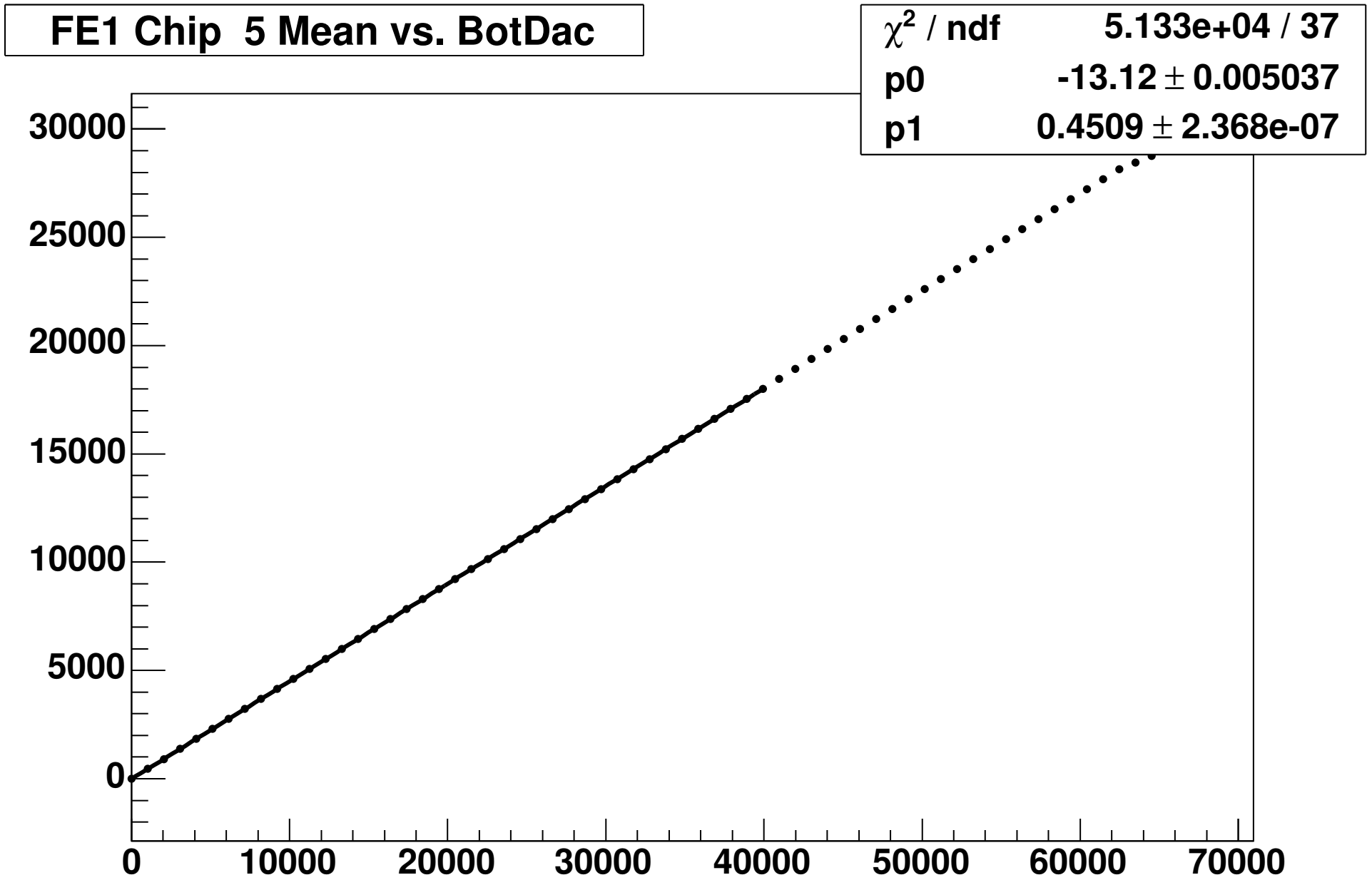
70000


FE1 Chip 5 Mean vs. BotDac
χ² / ndf 5.133e+04 / 37
p0 -13.12 ± 0.005037
p1 0.4509 ± 2.368e-07
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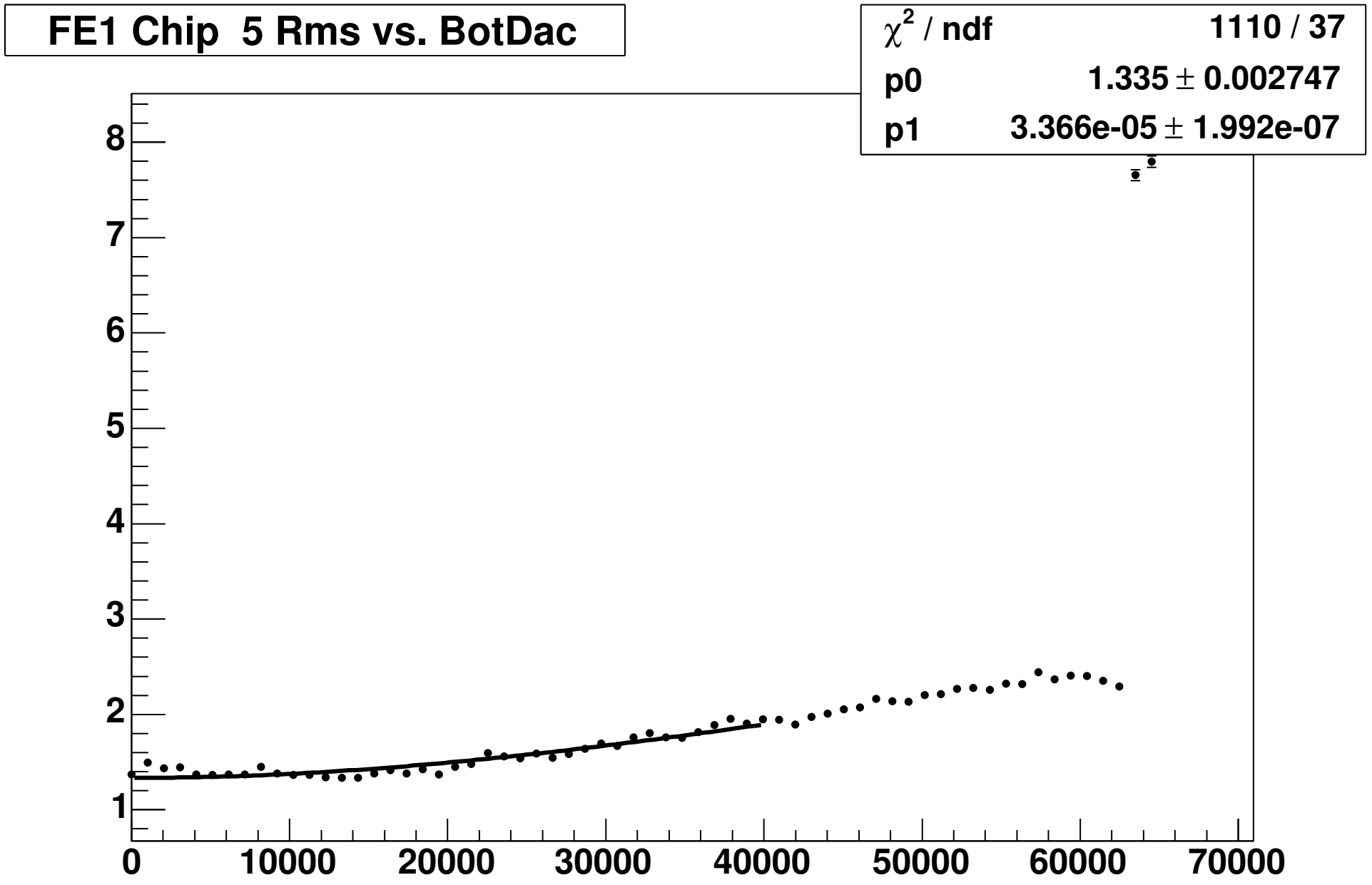
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 5 Rms vs. BotDac
χ² / ndf 1110 / 37
p0 1.335 ± 0.002747
p1 3.366e-05 ± 1.992e-07
8
7
6
5
4
3
2
1
0
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20000
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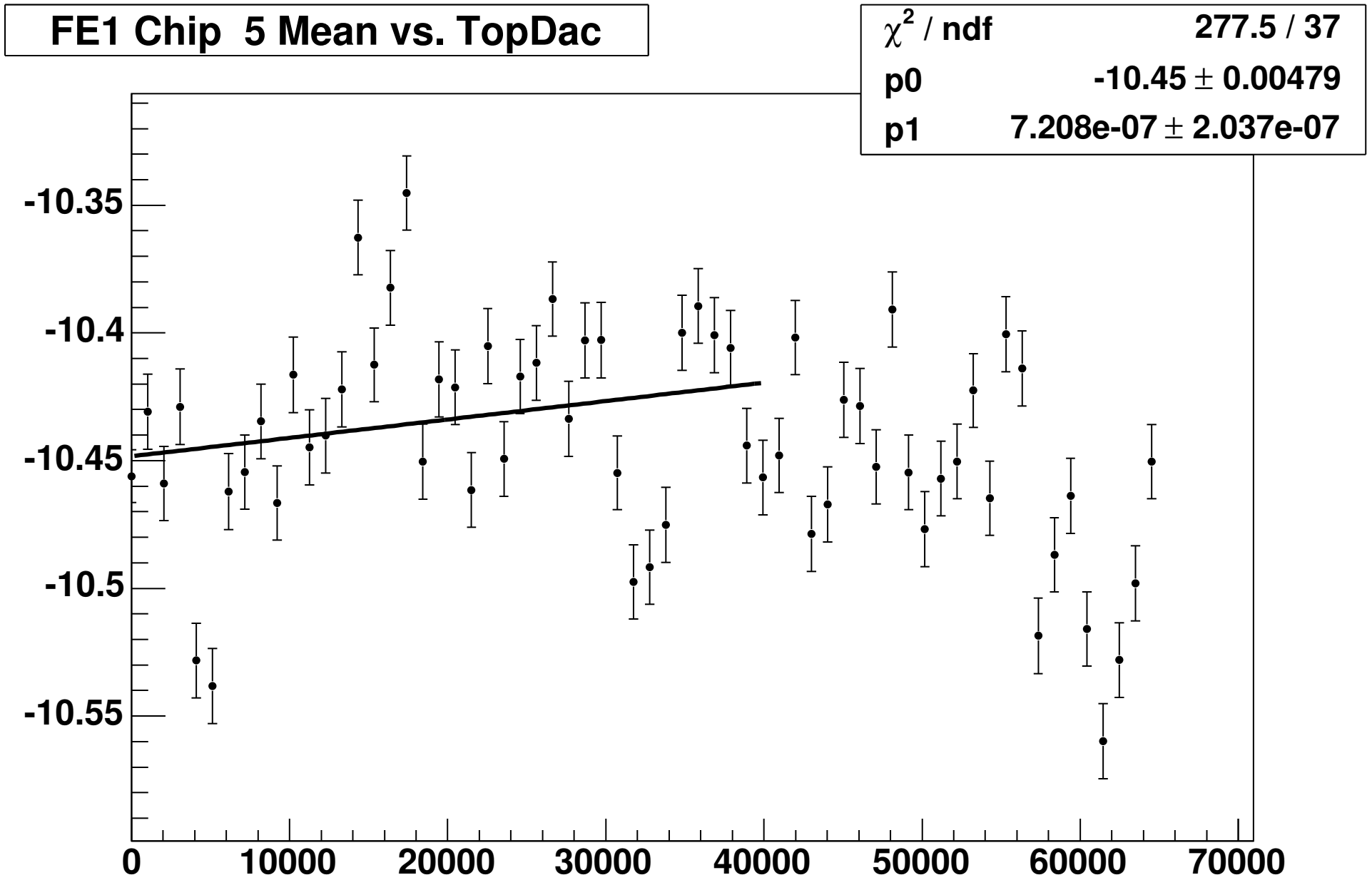
FE1 Chip 5 Mean vs. TopDac
χ² / ndf 277.5 / 37
p0 -10.45 ± 0.00479
p1 7.208e-07 ± 2.037e-07
-10.35
-10.4
-10.45
-10.5
-10.55
0
10000
20000
30000
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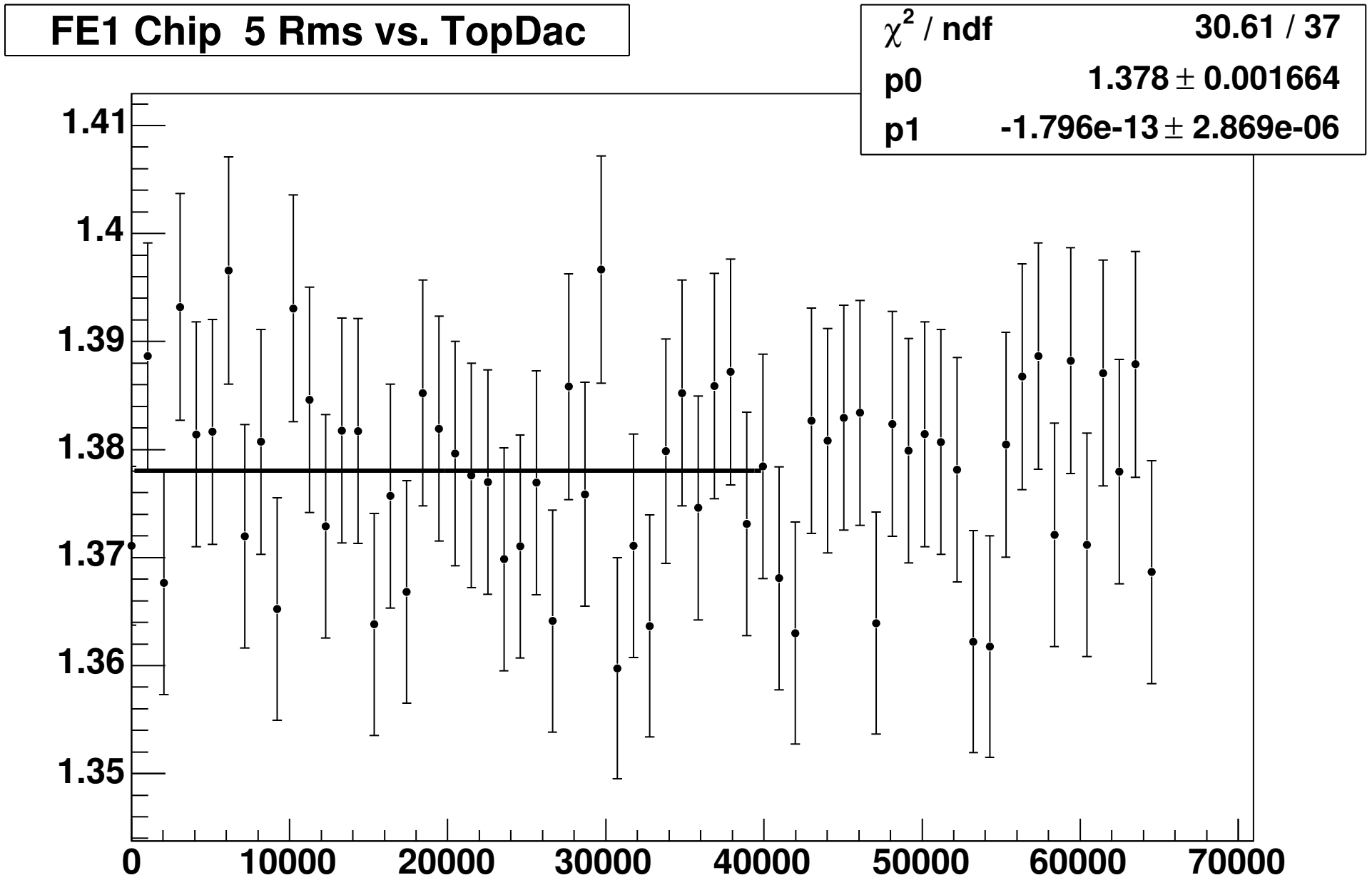
50000
60000
70000


FE1 Chip 5 Rms vs. TopDac
χ² / ndf 30.61 / 37
p0 1.378 ± 0.001664
p1 -1.796e-13 ± 2.869e-06
1.41
1.4
1.39
1.38
1.37
1.36
1.35
0
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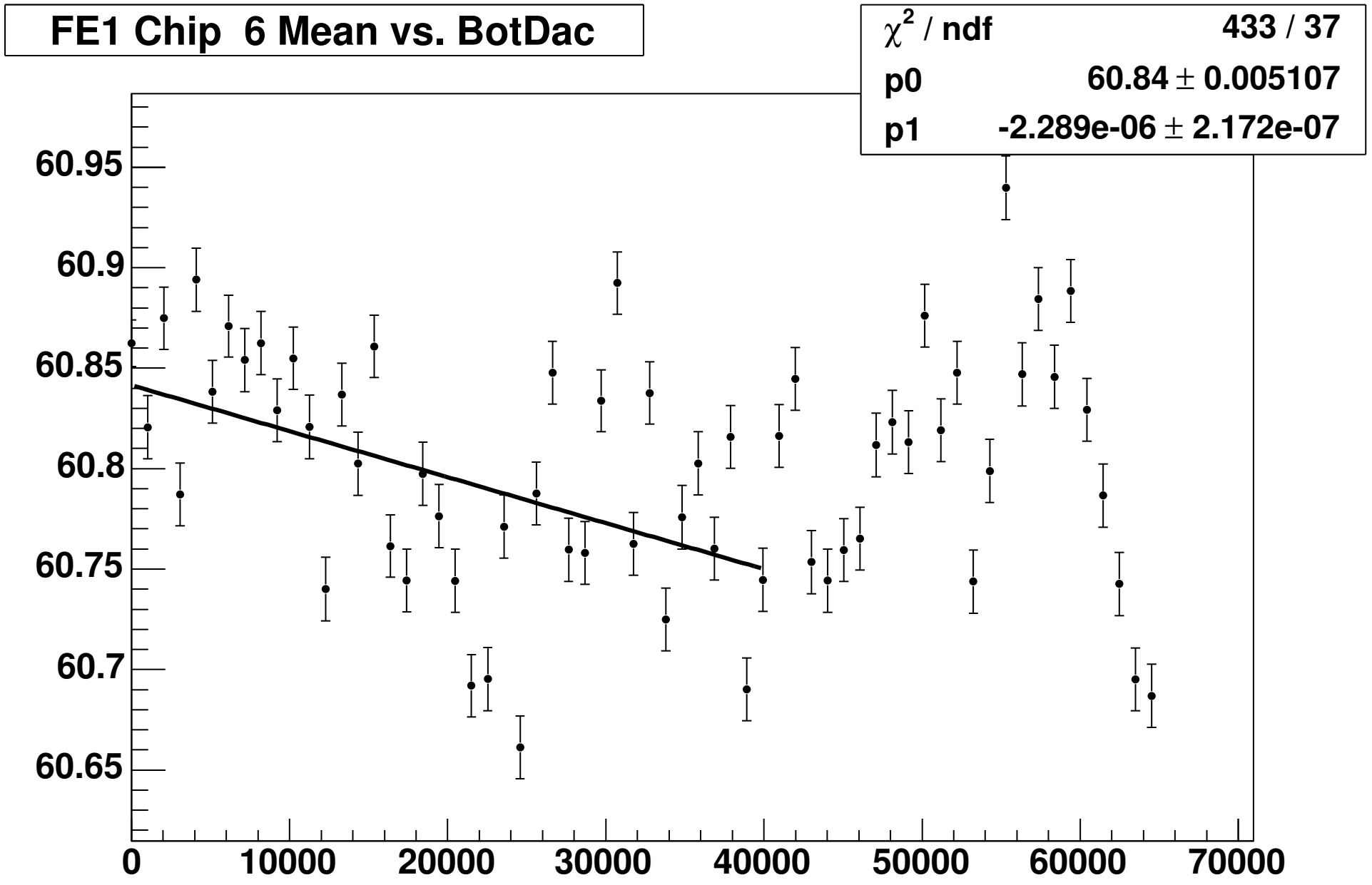
FE1 Chip 6 Mean vs. BotDac
χ² / ndf 433 / 37
p0 60.84 ± 0.005107
p1 -2.289e-06 ± 2.172e-07
60.95
60.9
60.85
60.8
60.75
60.7
60.65
0
10000
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30000
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50000
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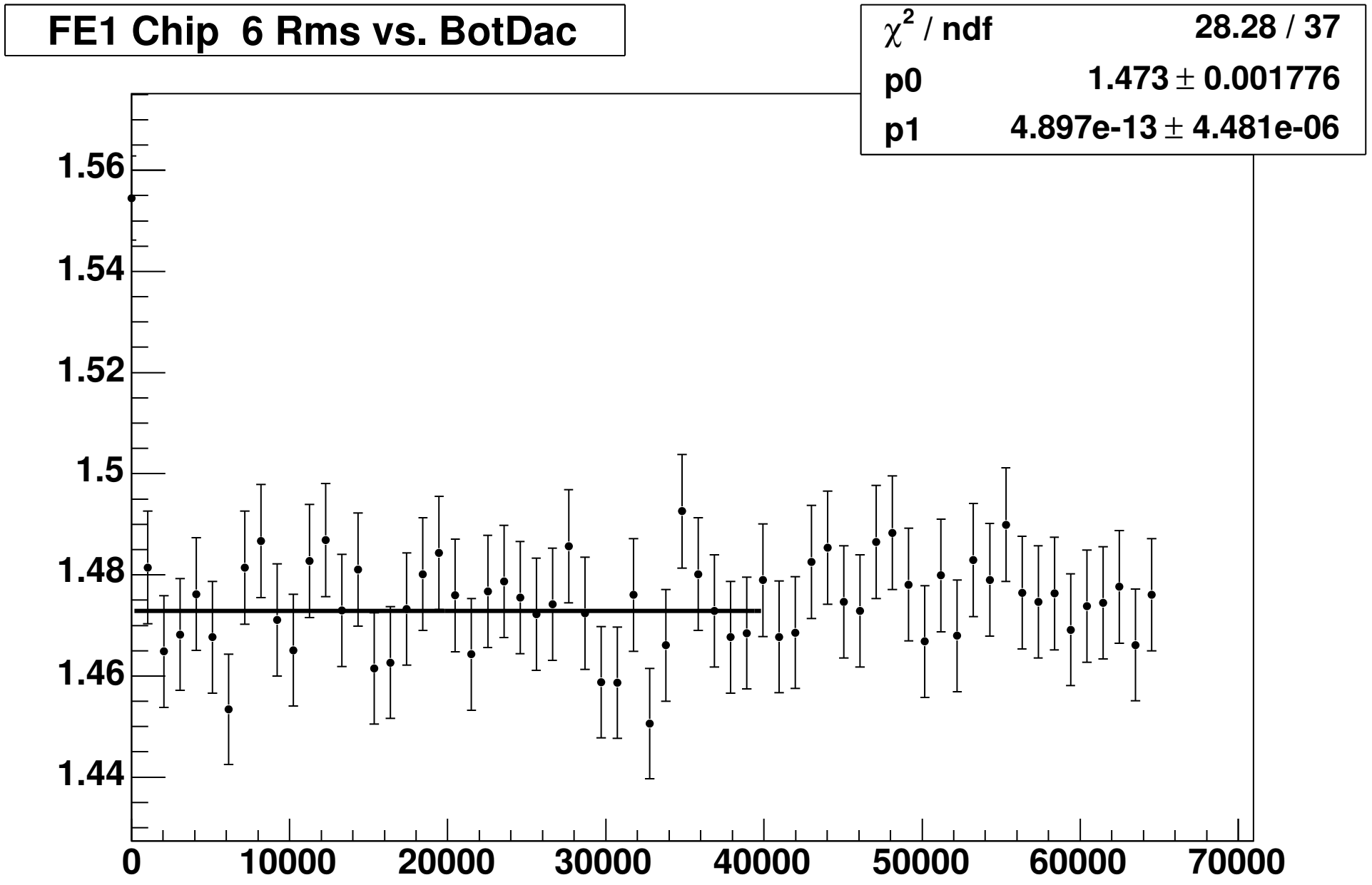
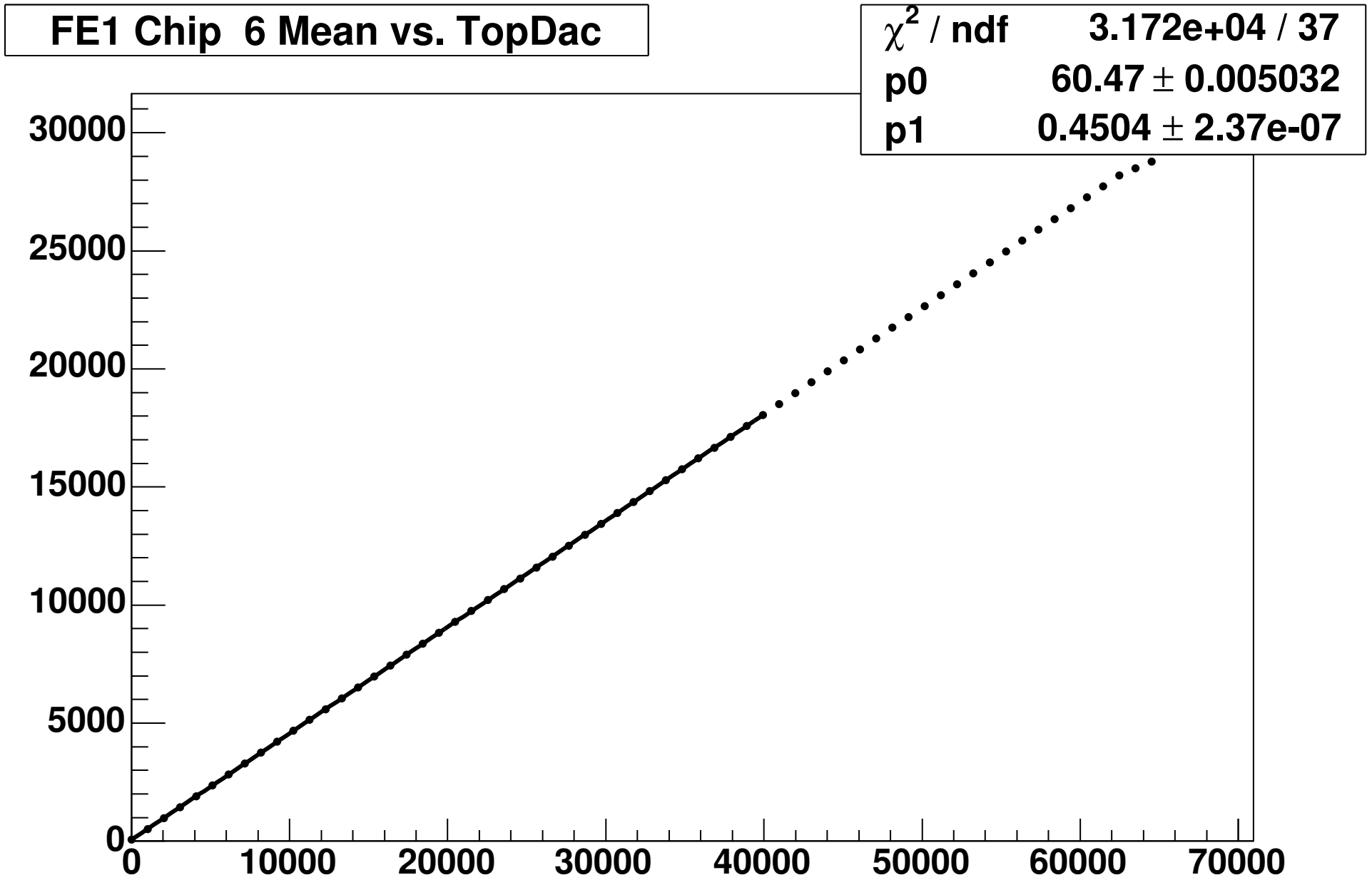

FE1 Chip 6 Rms vs. BotDac
χ² / ndf 28.28 / 37
p0 1.473 ± 0.001776
p1 4.897e-13 ± 4.481e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 6 Mean vs. TopDac
χ² / ndf 3.172e+04 / 37
p0 60.47 ± 0.005032
p1 0.4504 ± 2.37e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
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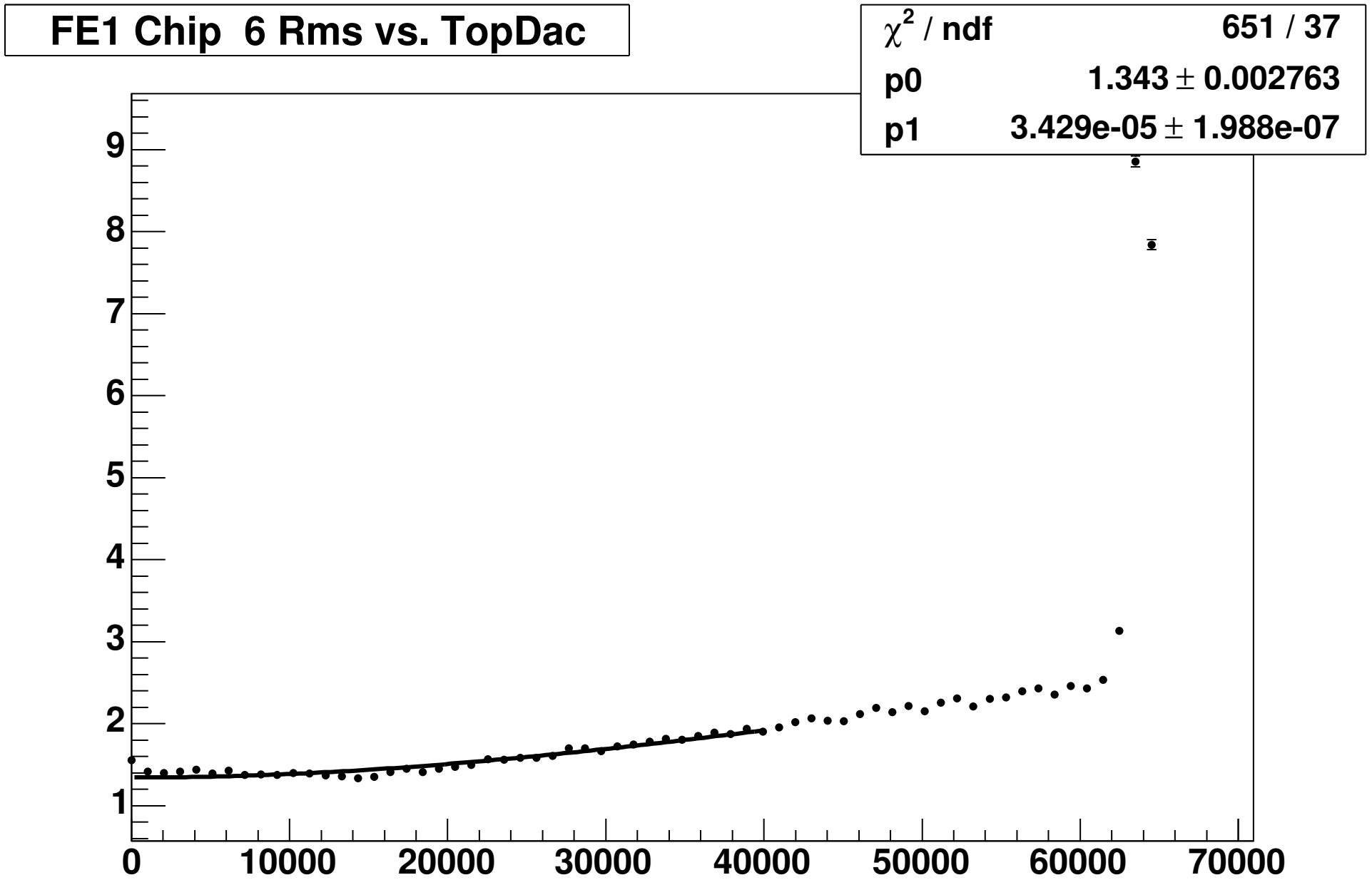
FE1 Chip 6 Rms vs. TopDac
χ² / ndf 651 / 37
p0 1.343 ± 0.002763
p1 3.429e-05 ± 1.988e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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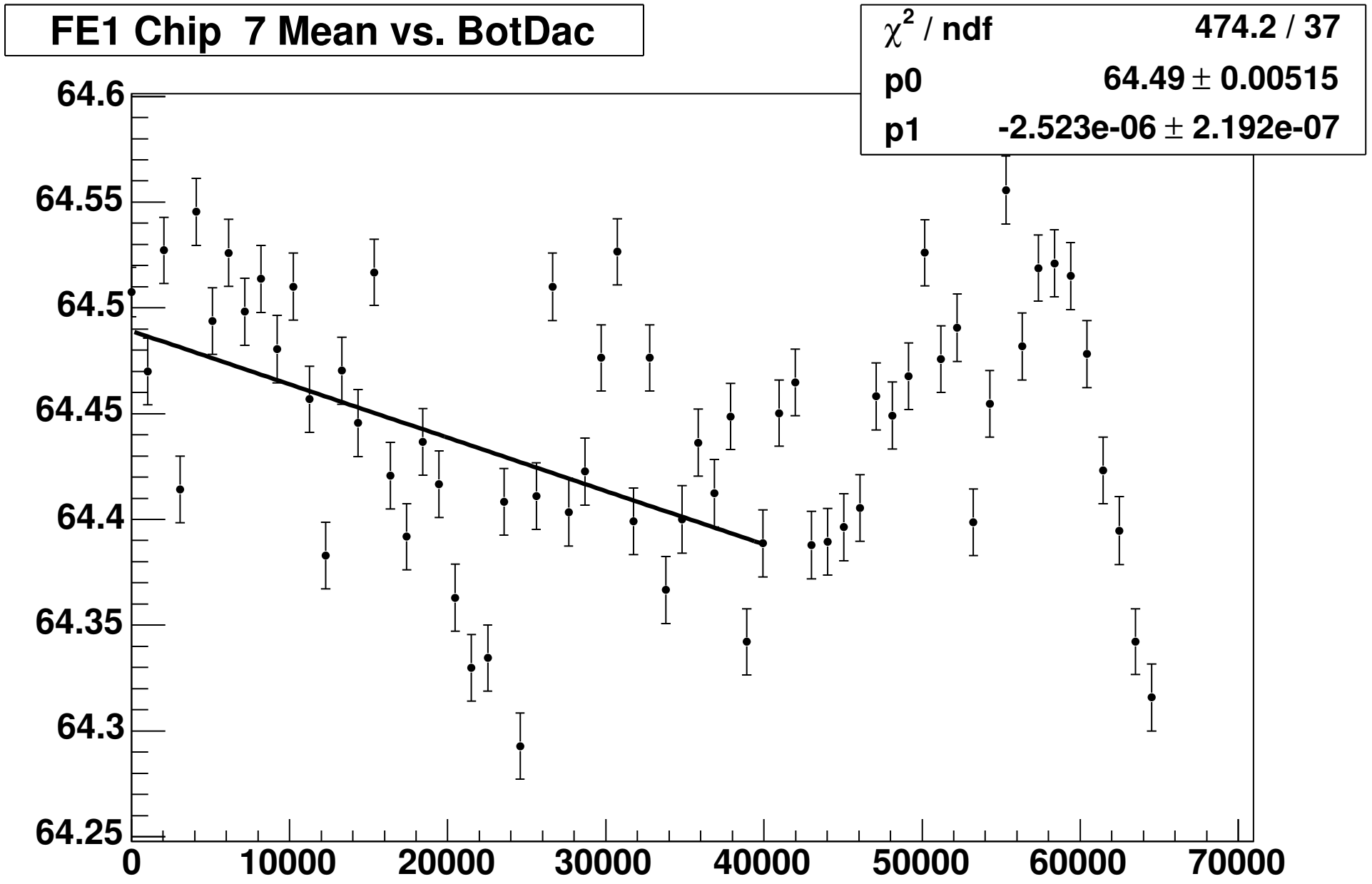
FE1 Chip 7 Mean vs. BotDac
χ² / ndf 474.2 / 37
p0 64.49 ± 0.00515
p1 -2.523e-06 ± 2.192e-07
64.6
64.55
64.5
64.45
64.4
64.35
64.3
64.25
0
10000
20000
30000
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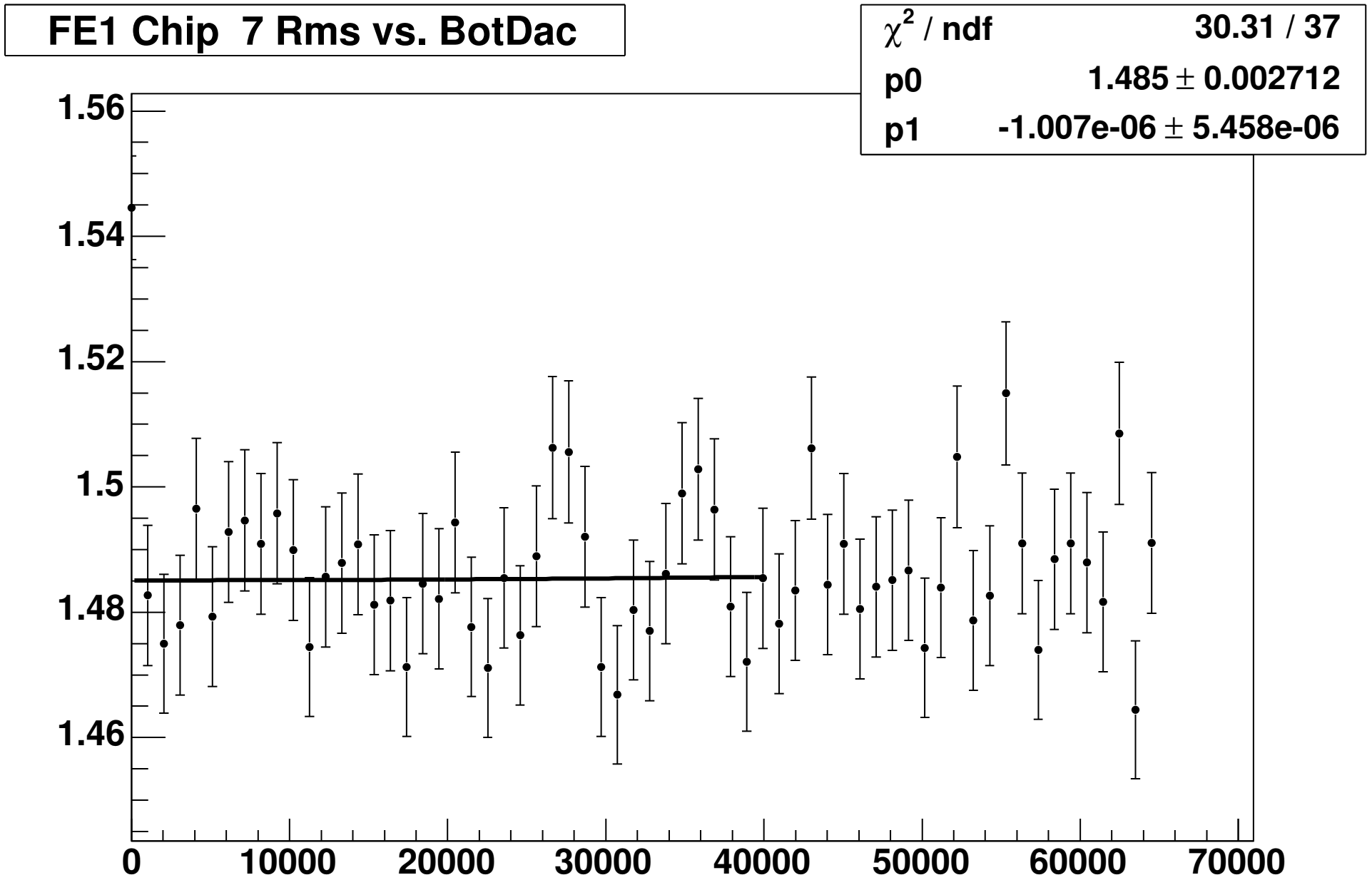
50000
60000
70000


FE1 Chip 7 Rms vs. BotDac
χ² / ndf 30.31 / 37
p0 1.485 ± 0.002712
p1 -1.007e-06 ± 5.458e-06
1.56
1.54
1.52
1.5
1.48
1.46
0
10000
20000
30000
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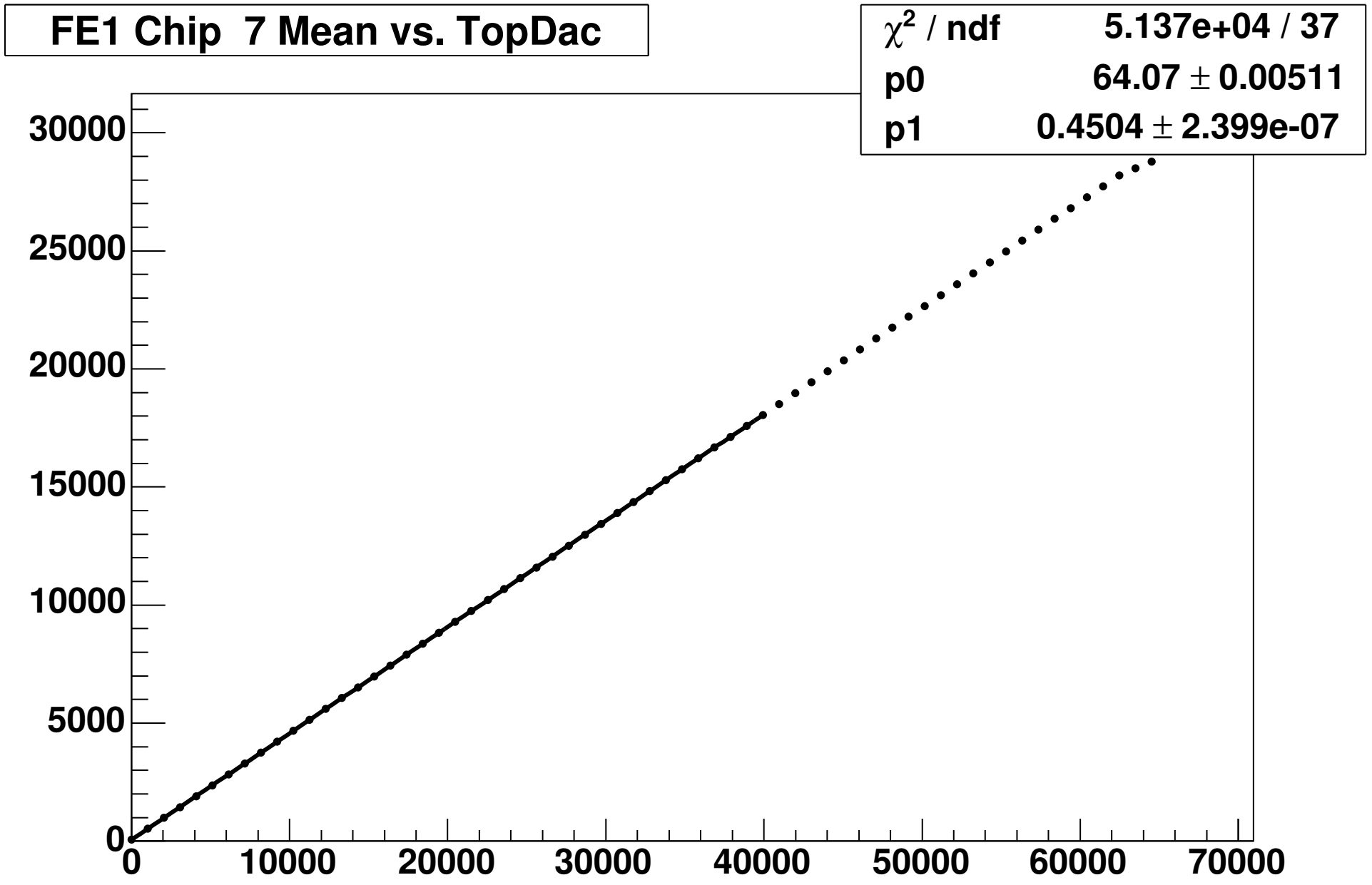
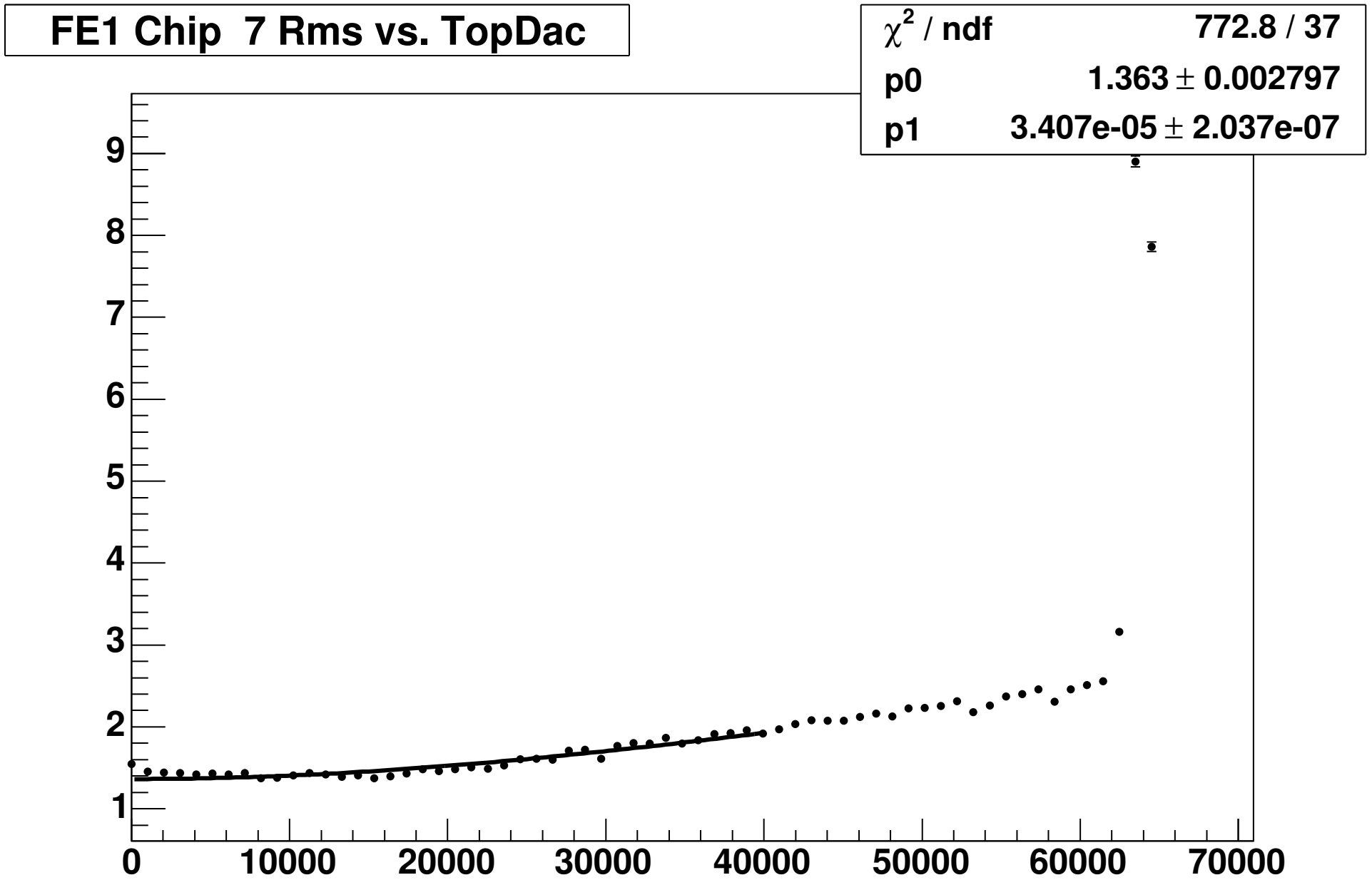
50000
60000
70000


FE1 Chip 7 Mean vs. TopDac
χ² / ndf 5.137e+04 / 37
p0 64.07 ± 0.00511
p1 0.4504 ± 2.399e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 7 Rms vs. TopDac
χ² / ndf 772.8 / 37
p0 1.363 ± 0.002797
p1 3.407e-05 ± 2.037e-07
9
8
7
6
5
4
3
2
1
0
10000
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30000
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50000
60000
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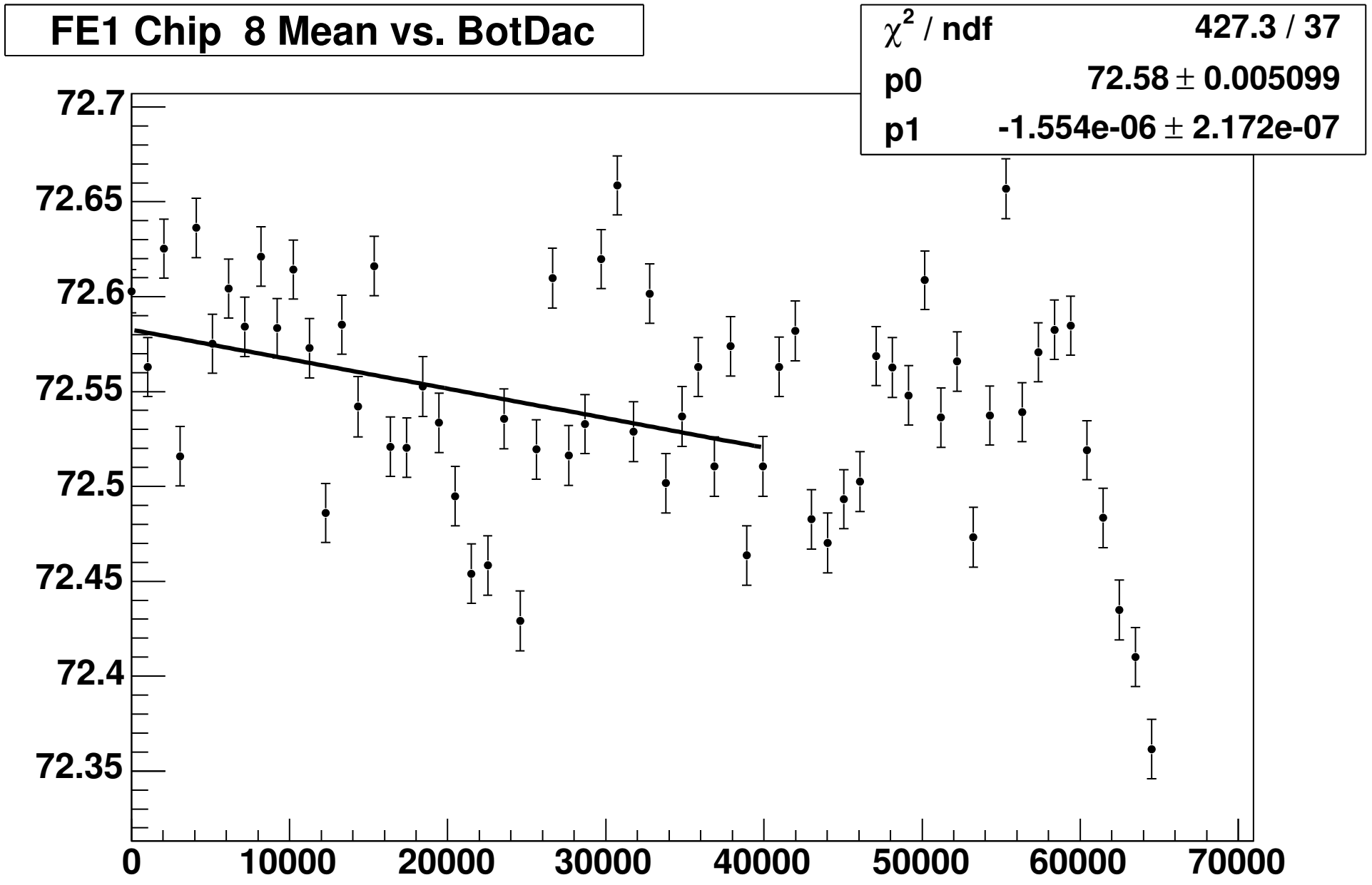
FE1 Chip 8 Mean vs. BotDac
χ² / ndf 427.3 / 37
p0 72.58 ± 0.005099
p1 -1.554e-06 ± 2.172e-07
72.7
72.65
72.6
72.55
72.5
72.45
72.4
72.35
0
10000
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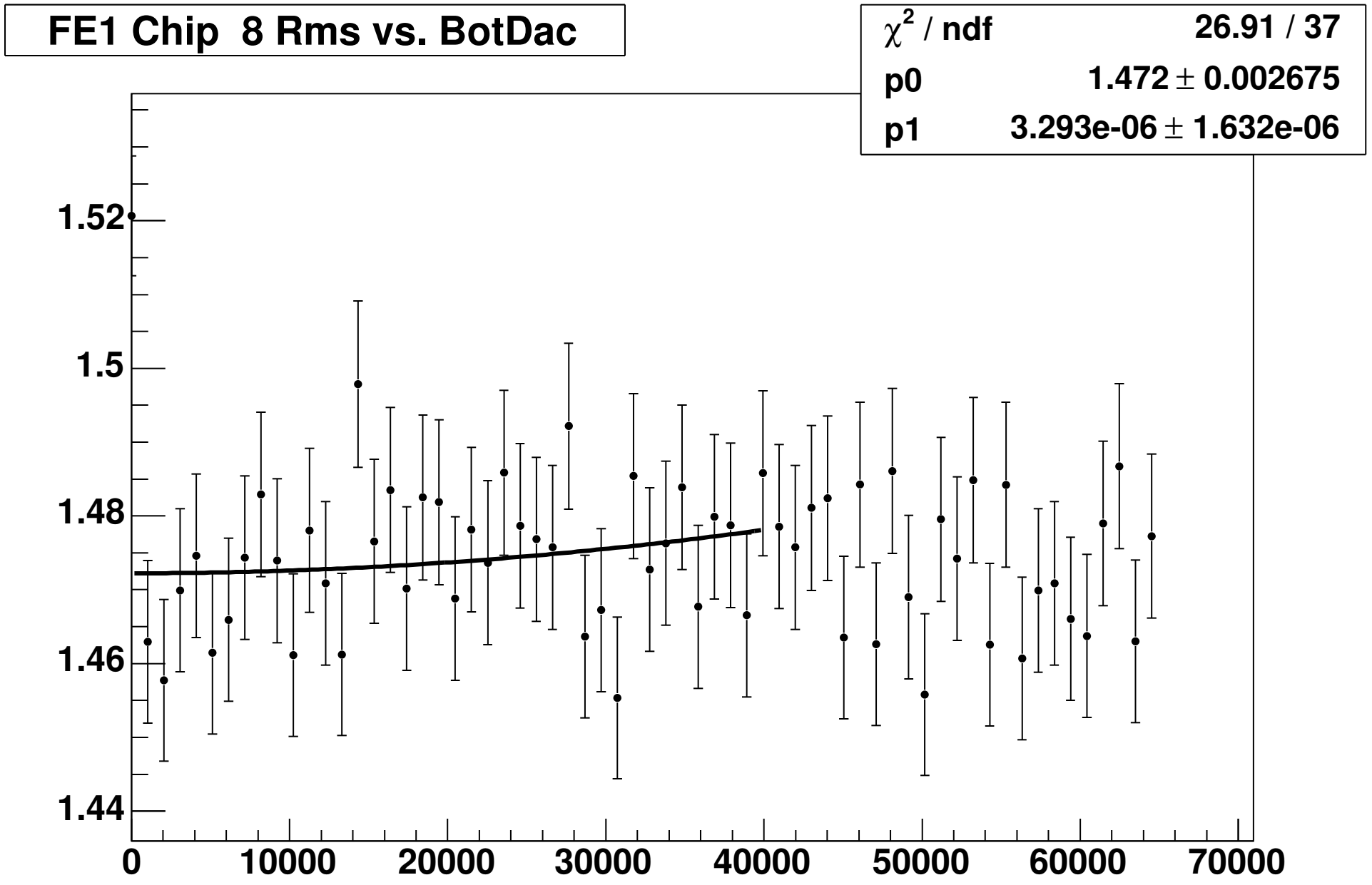
50000
60000
70000


FE1 Chip 8 Rms vs. BotDac
χ² / ndf 26.91 / 37
p0 1.472 ± 0.002675
p1 3.293e-06 ± 1.632e-06
1.52
1.5
1.48
1.46
1.44
0
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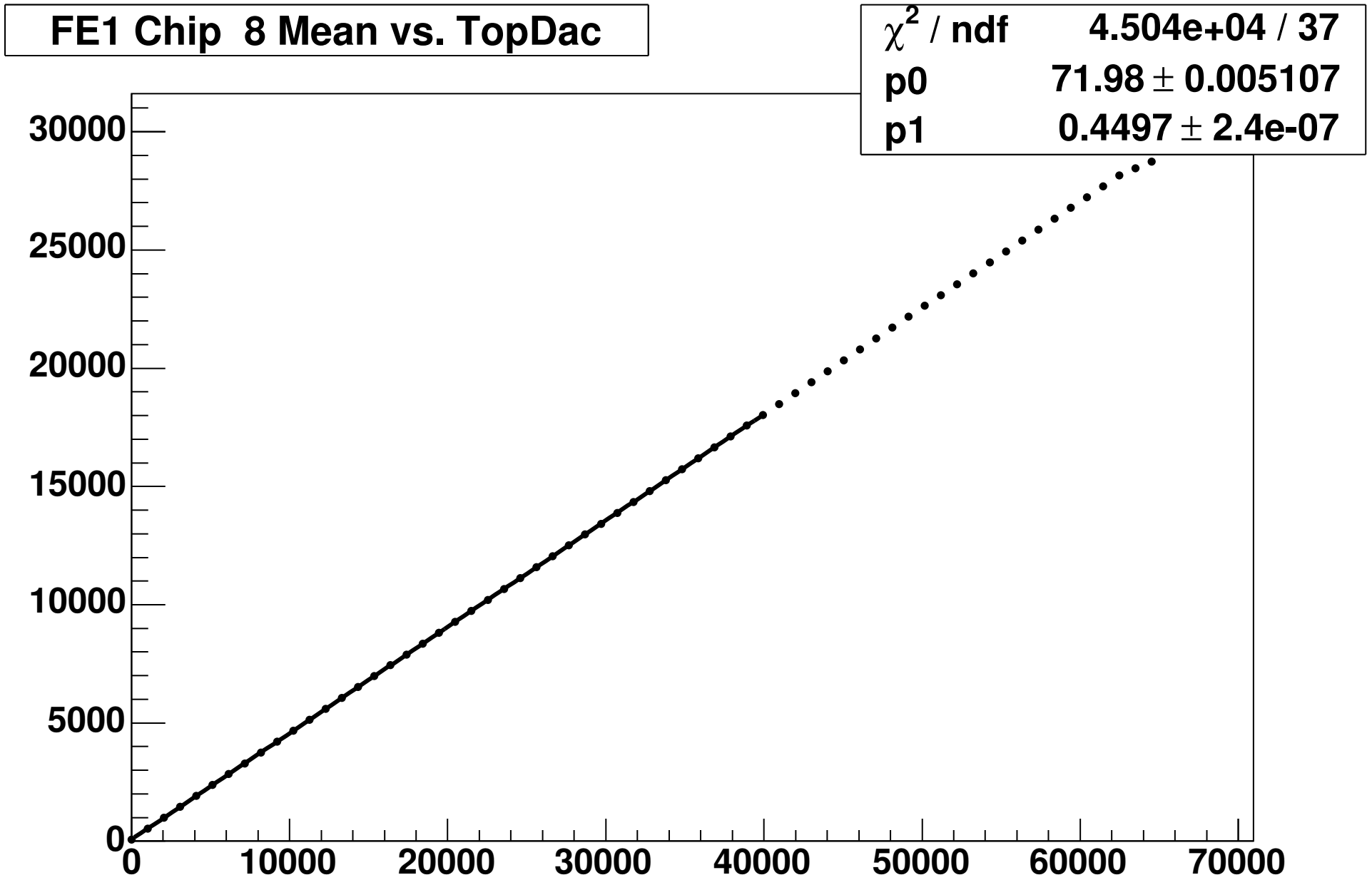
70000


FE1 Chip 8 Mean vs. TopDac
χ² / ndf 4.504e+04 / 37
p0 71.98 ± 0.005107
p1 0.4497 ± 2.4e-07
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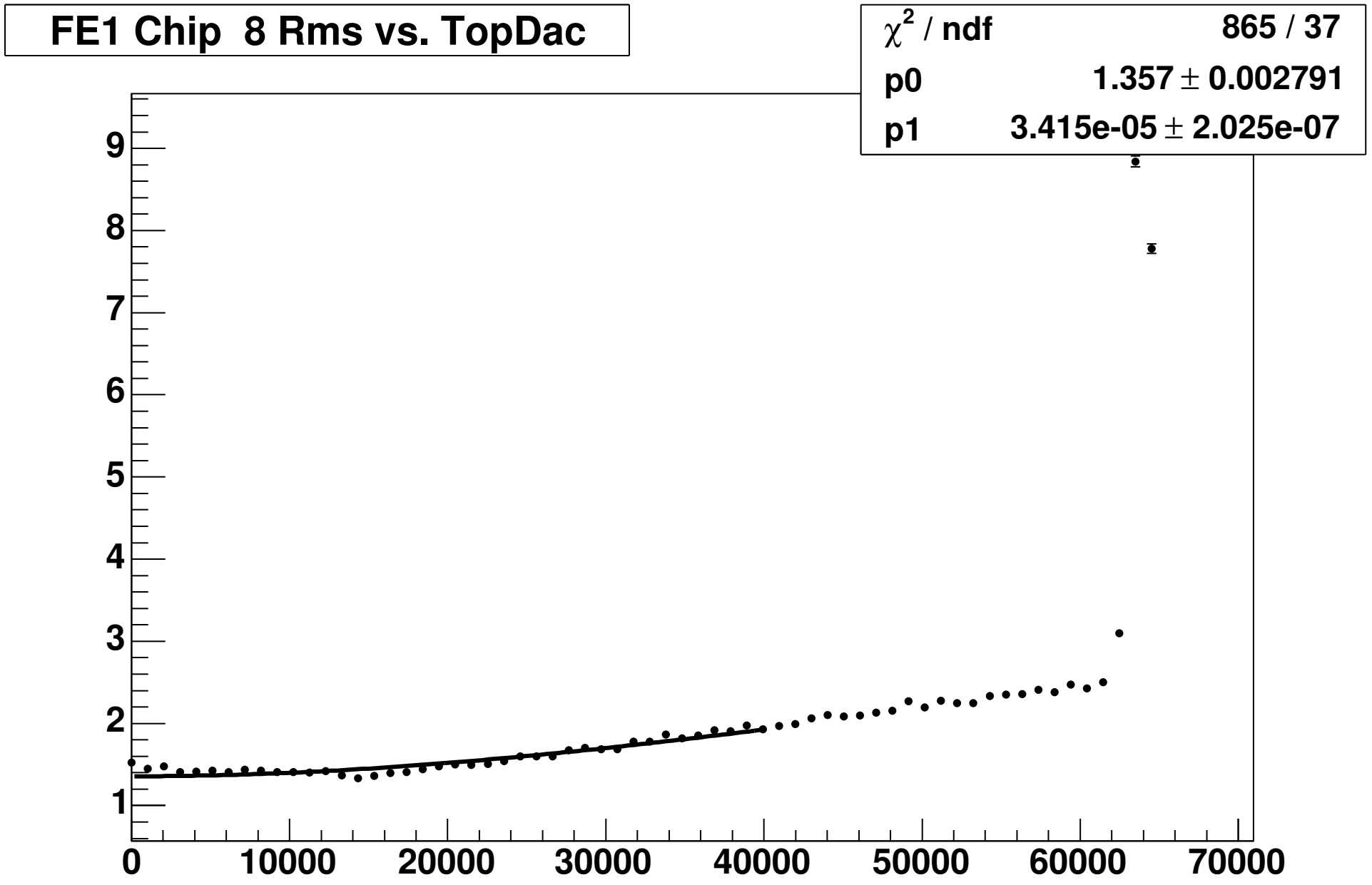
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 8 Rms vs. TopDac
χ² / ndf 865 / 37
p0 1.357 ± 0.002791
p1 3.415e-05 ± 2.025e-07
9
8
7
6
5
4
3
2
1
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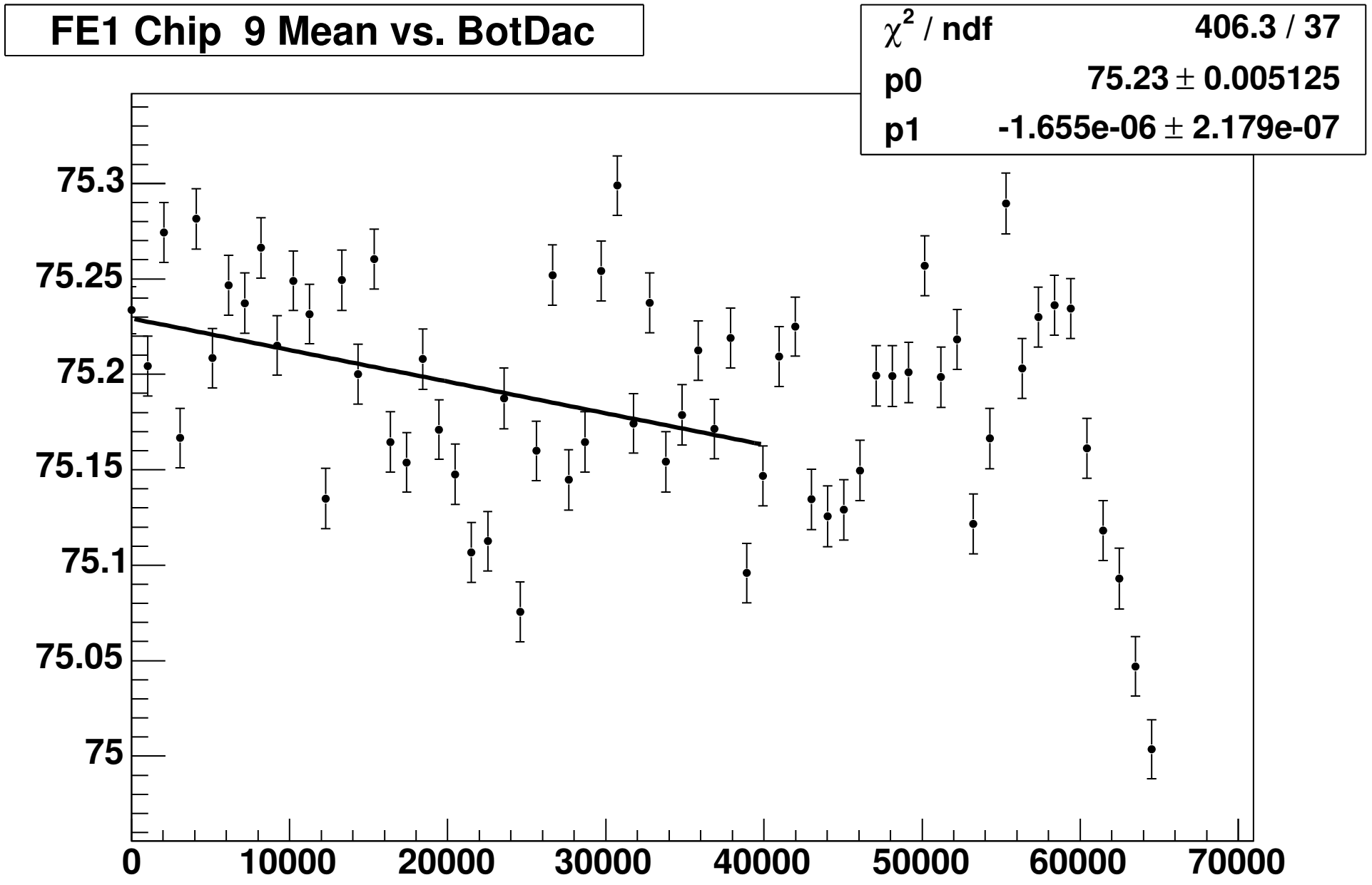
FE1 Chip 9 Mean vs. BotDac
χ² / ndf 406.3 / 37
p0 75.23 ± 0.005125
p1 -1.655e-06 ± 2.179e-07
75.3
75.25
75.2
75.15
75.1
75.05
75
0
10000
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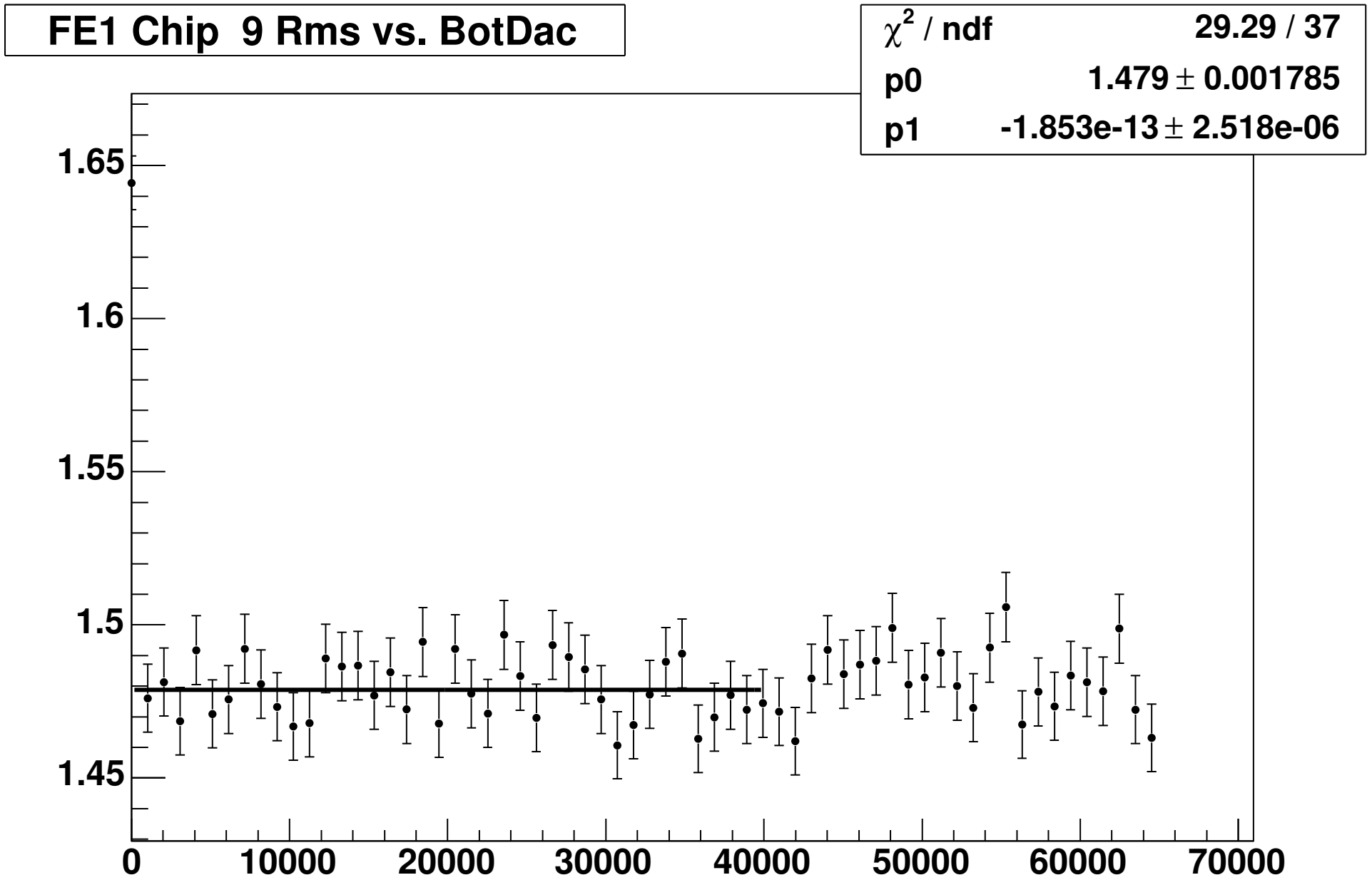
70000


FE1 Chip 9 Rms vs. BotDac
χ² / ndf 29.29 / 37
p0 1.479 ± 0.001785
p1 -1.853e-13 ± 2.518e-06
1.65
1.6
1.55
1.5
1.45
0
10000
20000
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50000
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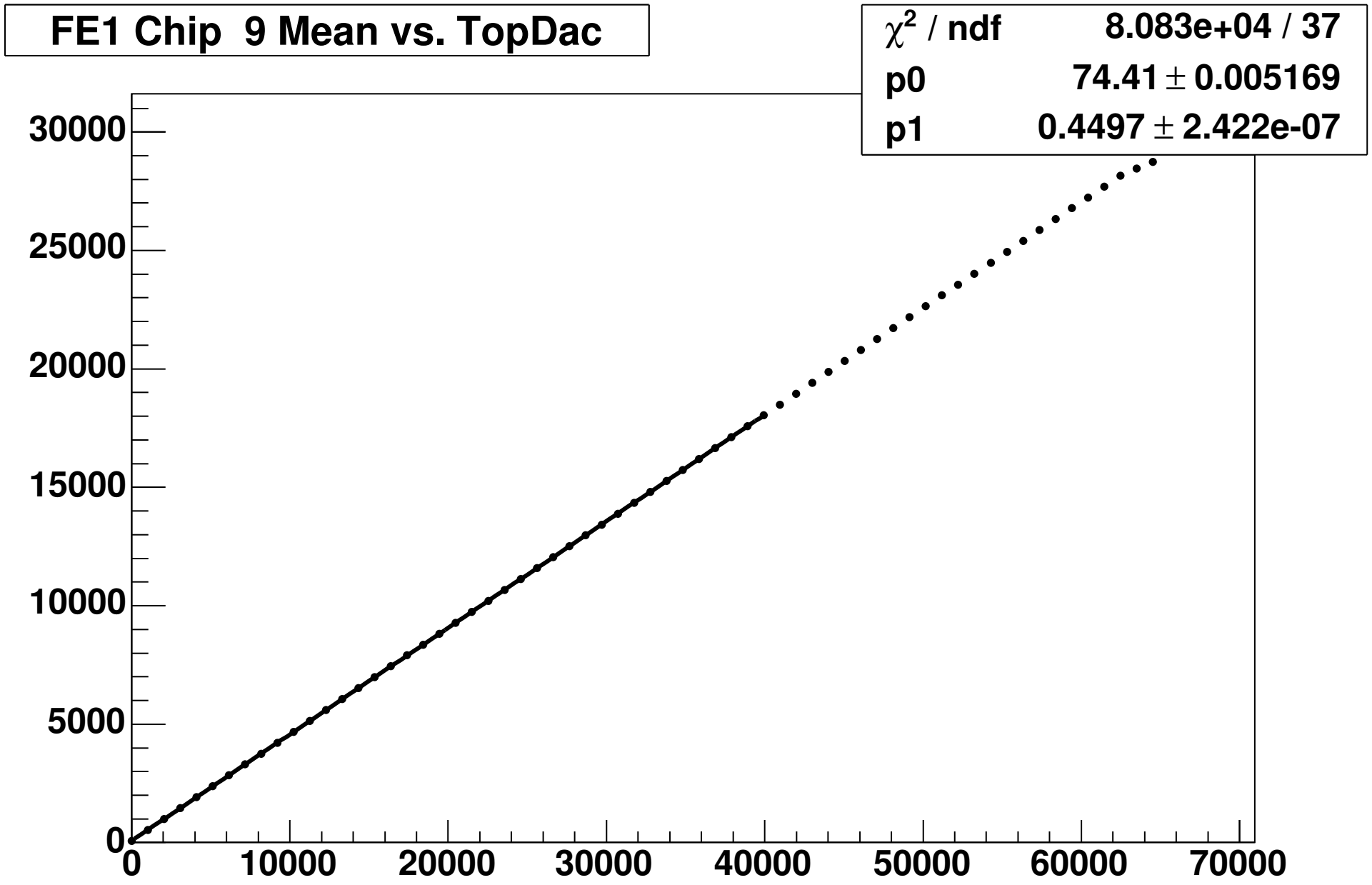
70000


FE1 Chip 9 Mean vs. TopDac
χ² / ndf 8.083e+04 / 37
p0 74.41 ± 0.005169
p1 0.4497 ± 2.422e-07
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25000
20000
15000
10000
5000
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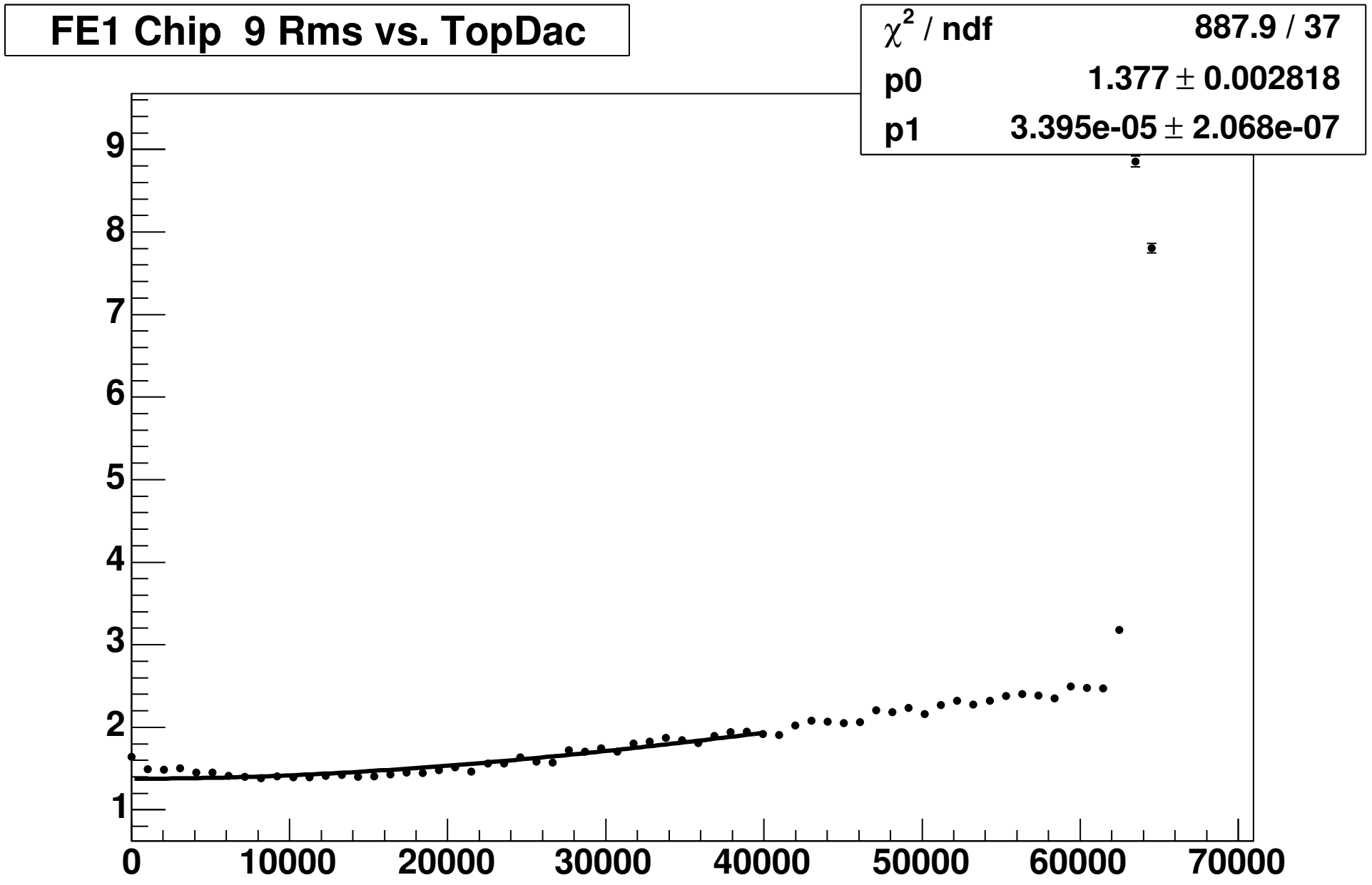
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 9 Rms vs. TopDac
χ² / ndf 887.9 / 37
p0 1.377 ± 0.002818
p1 3.395e-05 ± 2.068e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
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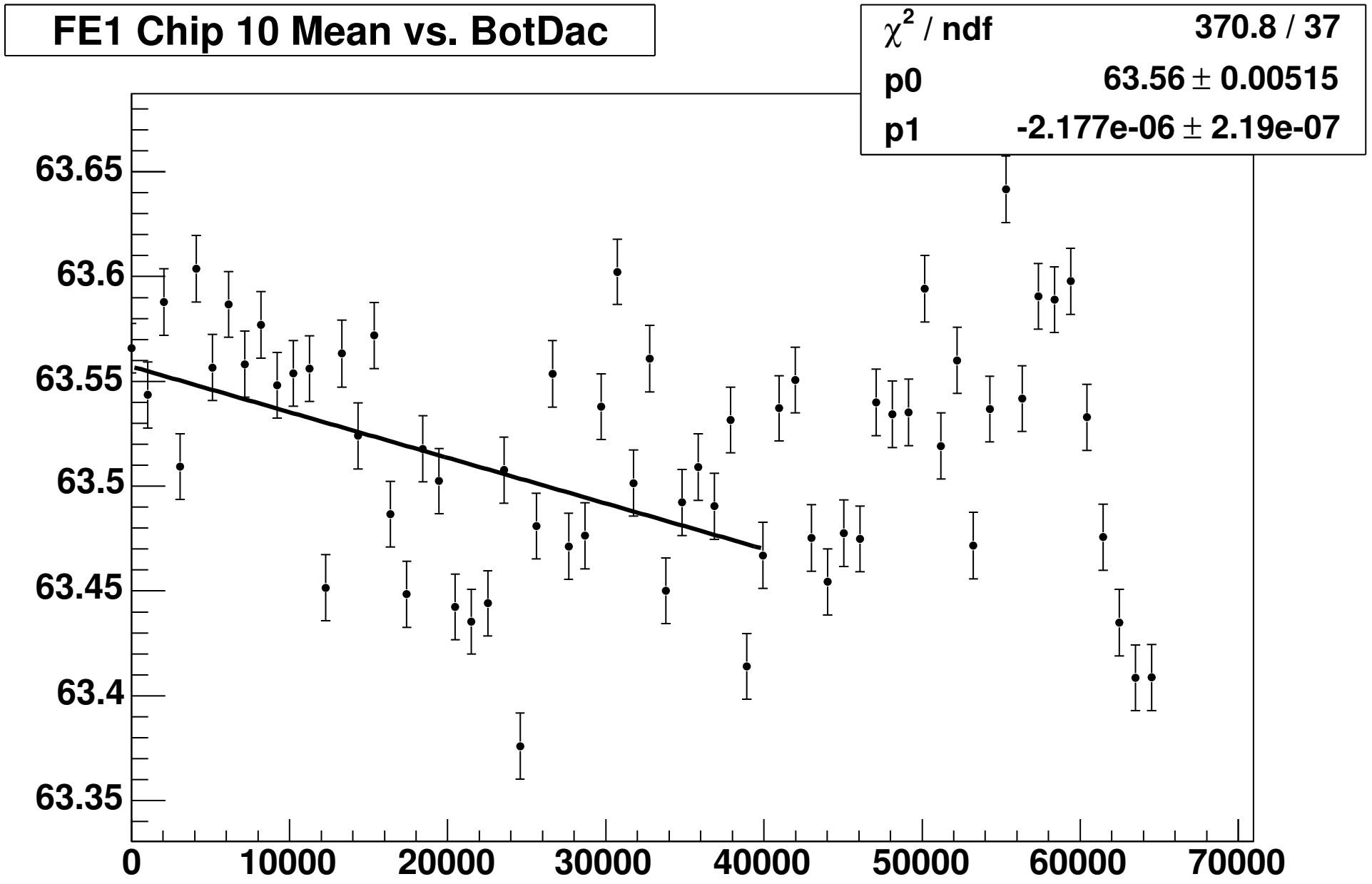
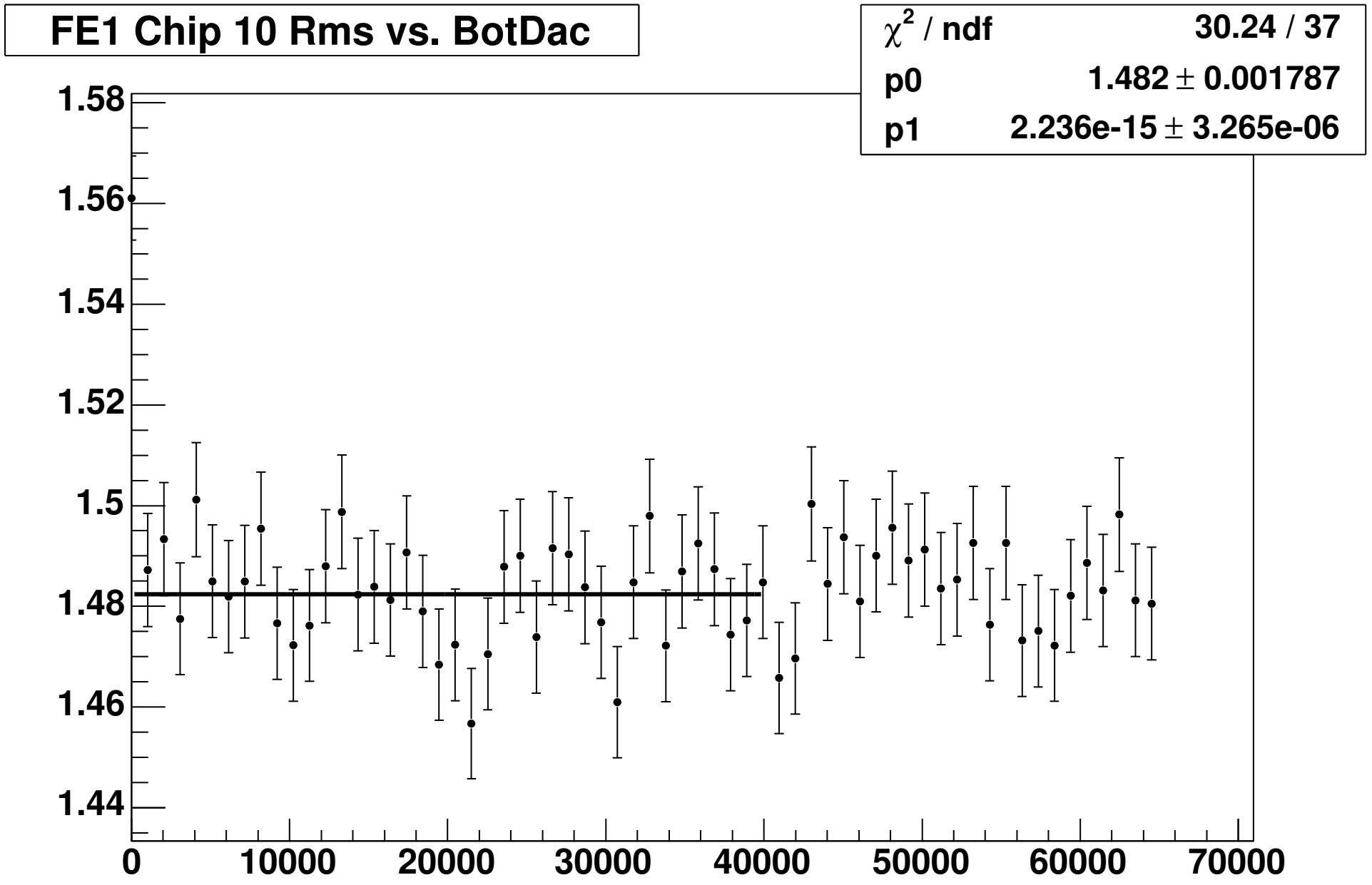
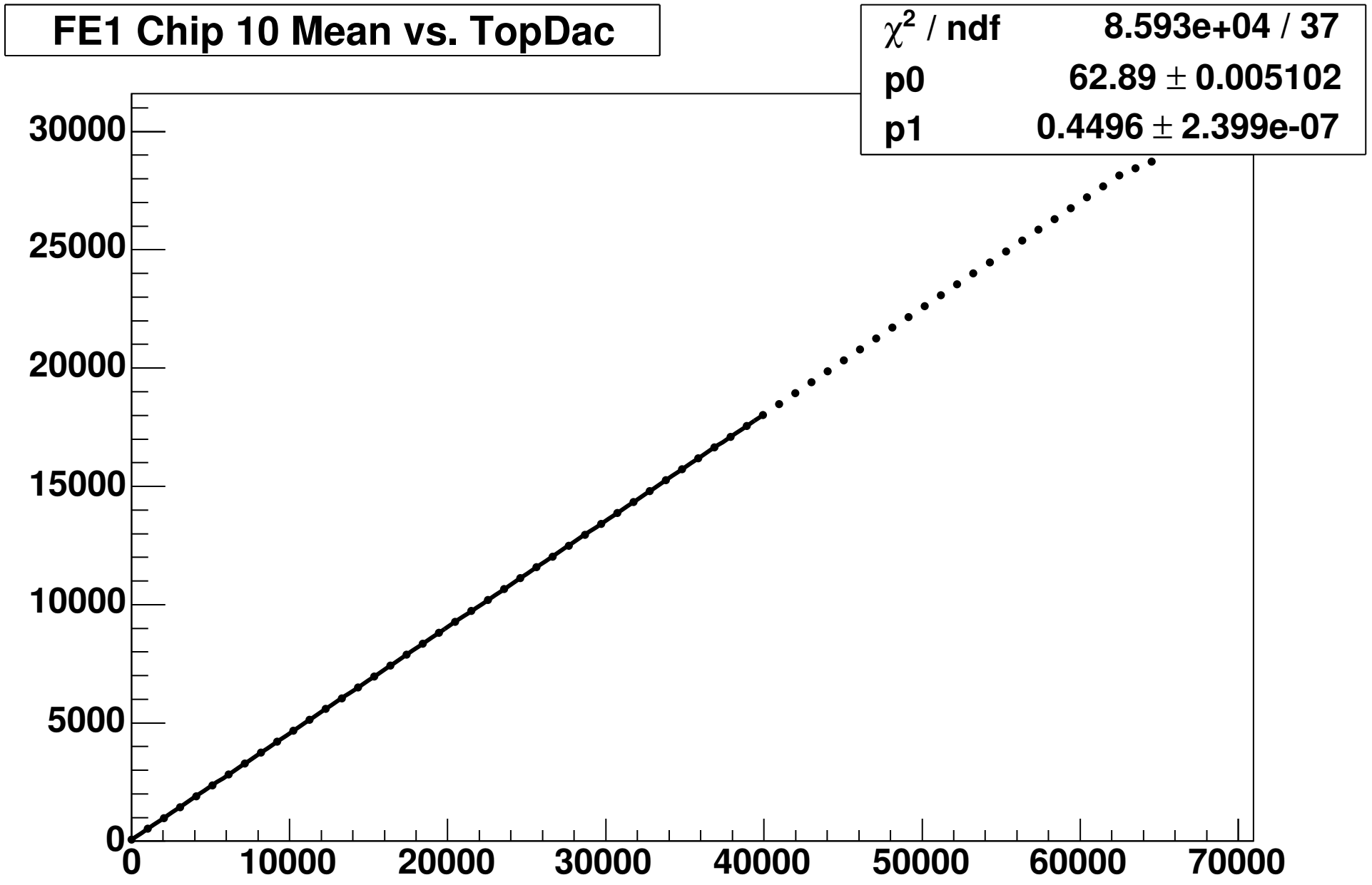
70000


FE1 Chip 10 Mean vs. BotDac
χ² / ndf 370.8 / 37
p0 63.56 ± 0.00515
p1 -2.177e-06 ± 2.19e-07
63.65
63.6
63.55
63.5
63.45
63.4
63.35
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 10 Rms vs. BotDac
χ² / ndf 30.24 / 37
p0 1.482 ± 0.001787
p1 2.236e-15 ± 3.265e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 10 Mean vs. TopDac
χ² / ndf 8.593e+04 / 37
p0 62.89 ± 0.005102
p1 0.4496 ± 2.399e-07
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15000
10000
5000
0
0
10000
20000
30000
40000
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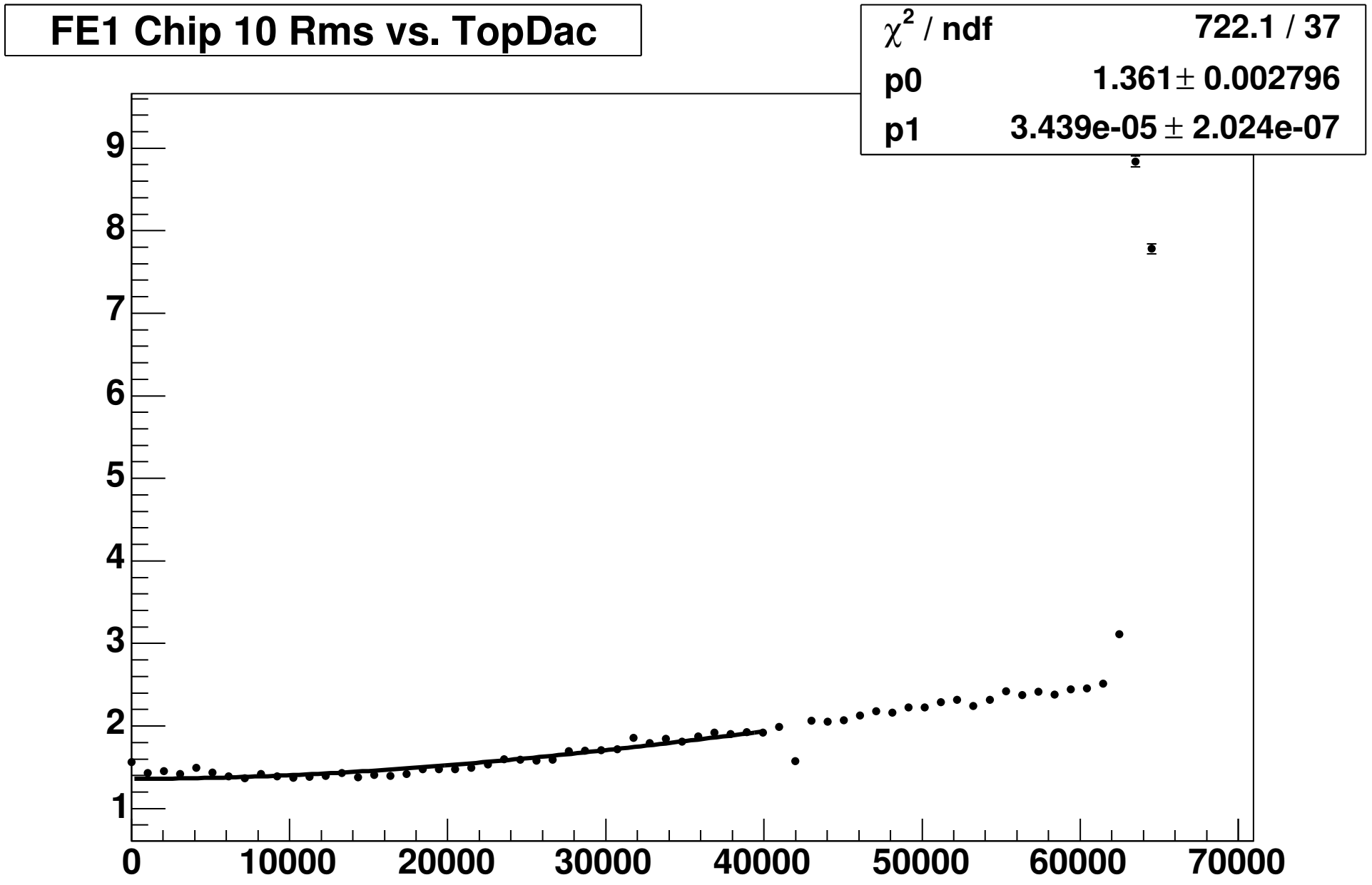
FE1 Chip 10 Rms vs. TopDac
χ² / ndf 722.1 / 37
p0 1.361 ± 0.002796
p1 3.439e-05 ± 2.024e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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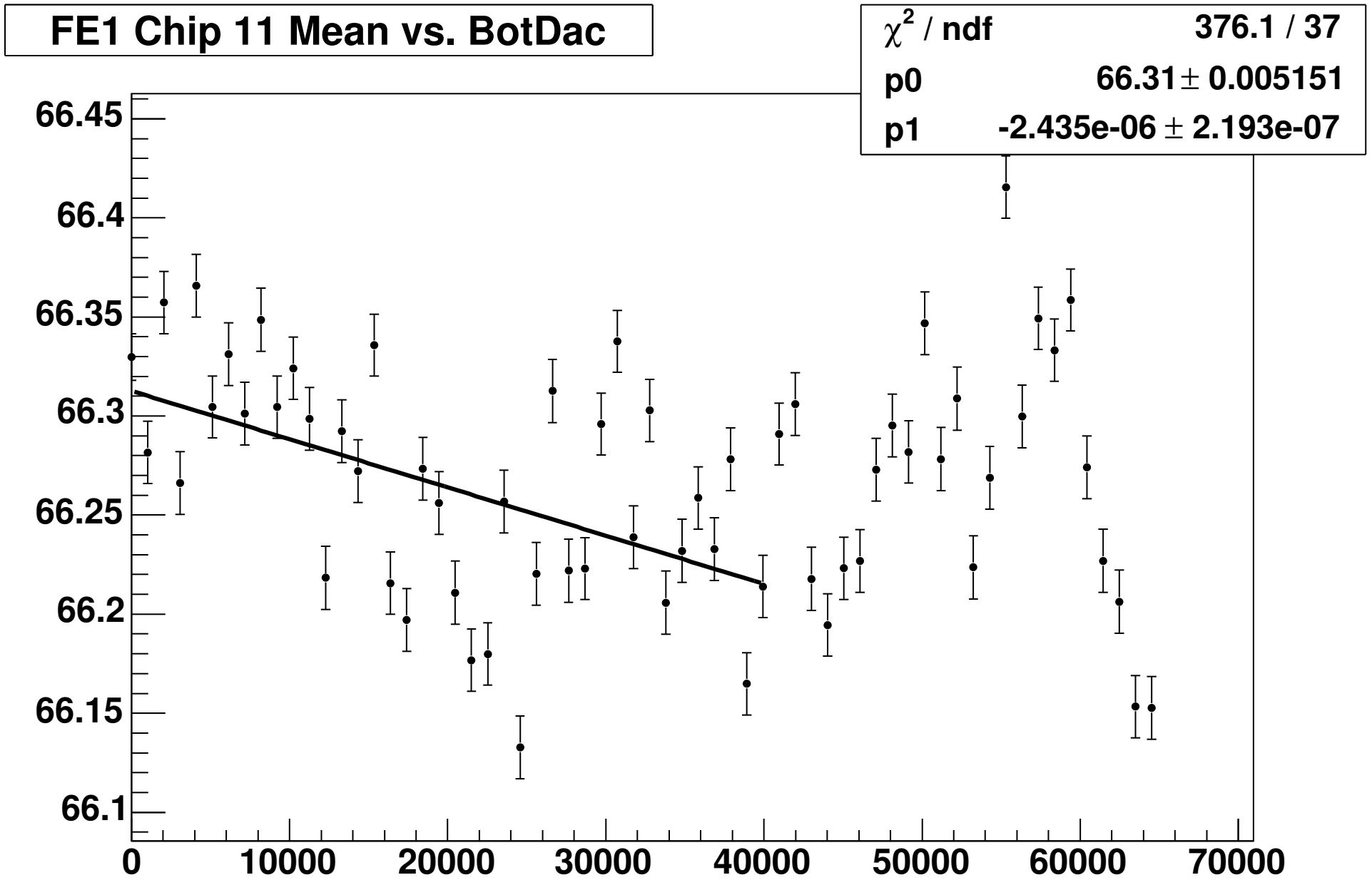
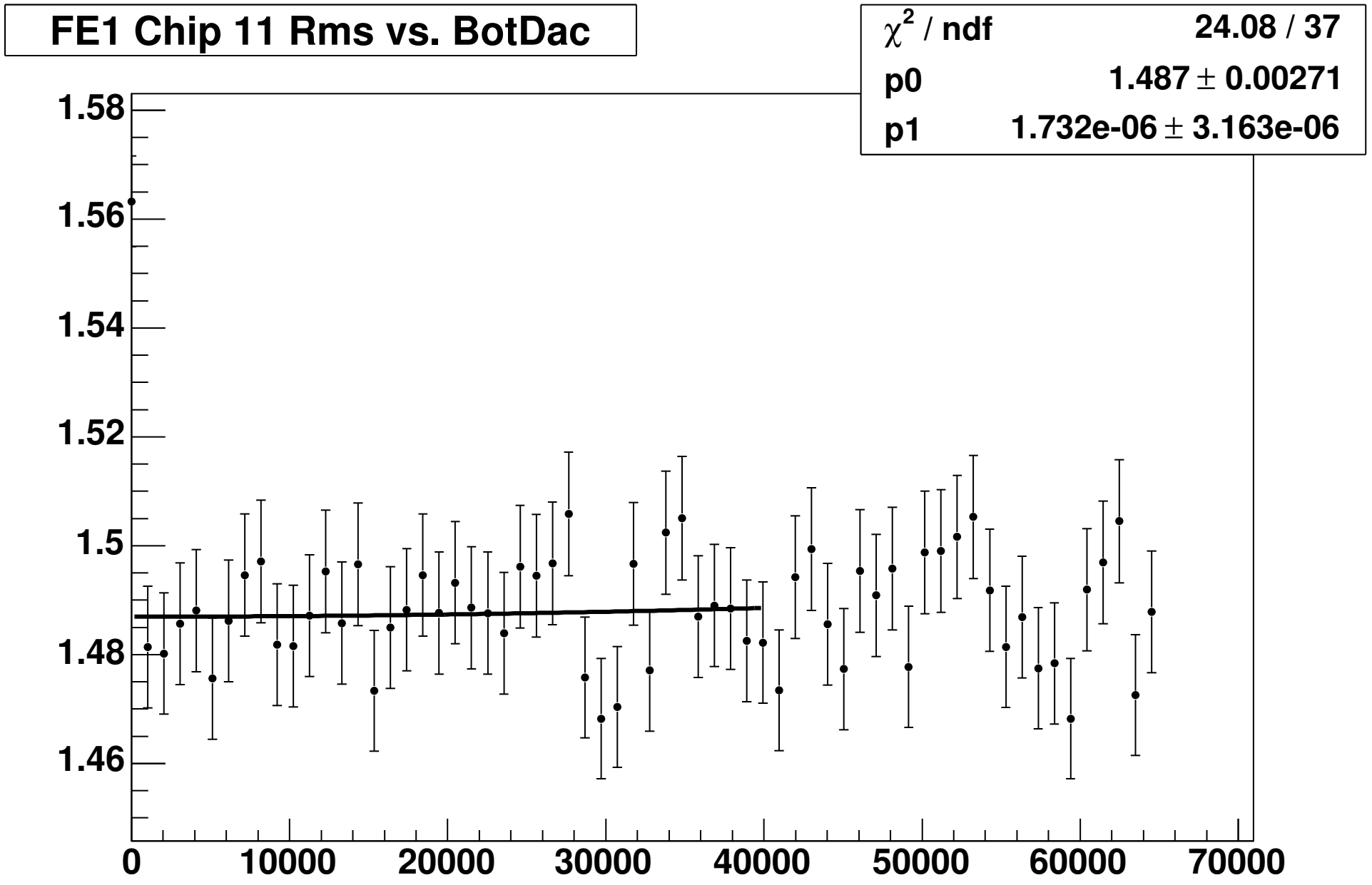
50000
60000
70000


FE1 Chip 11 Mean vs. BotDac
χ² / ndf 376.1 / 37
p0 66.31 ± 0.005151
p1 -2.435e-06 ± 2.193e-07
66.45
66.4
66.35
66.3
66.25
66.2
66.15
66.1
0
10000
20000
30000
40000
50000
60000
70000


FE1 Chip 11 Rms vs. BotDac
χ² / ndf 24.08 / 37
p0 1.487 ± 0.00271
p1 1.732e-06 ± 3.163e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
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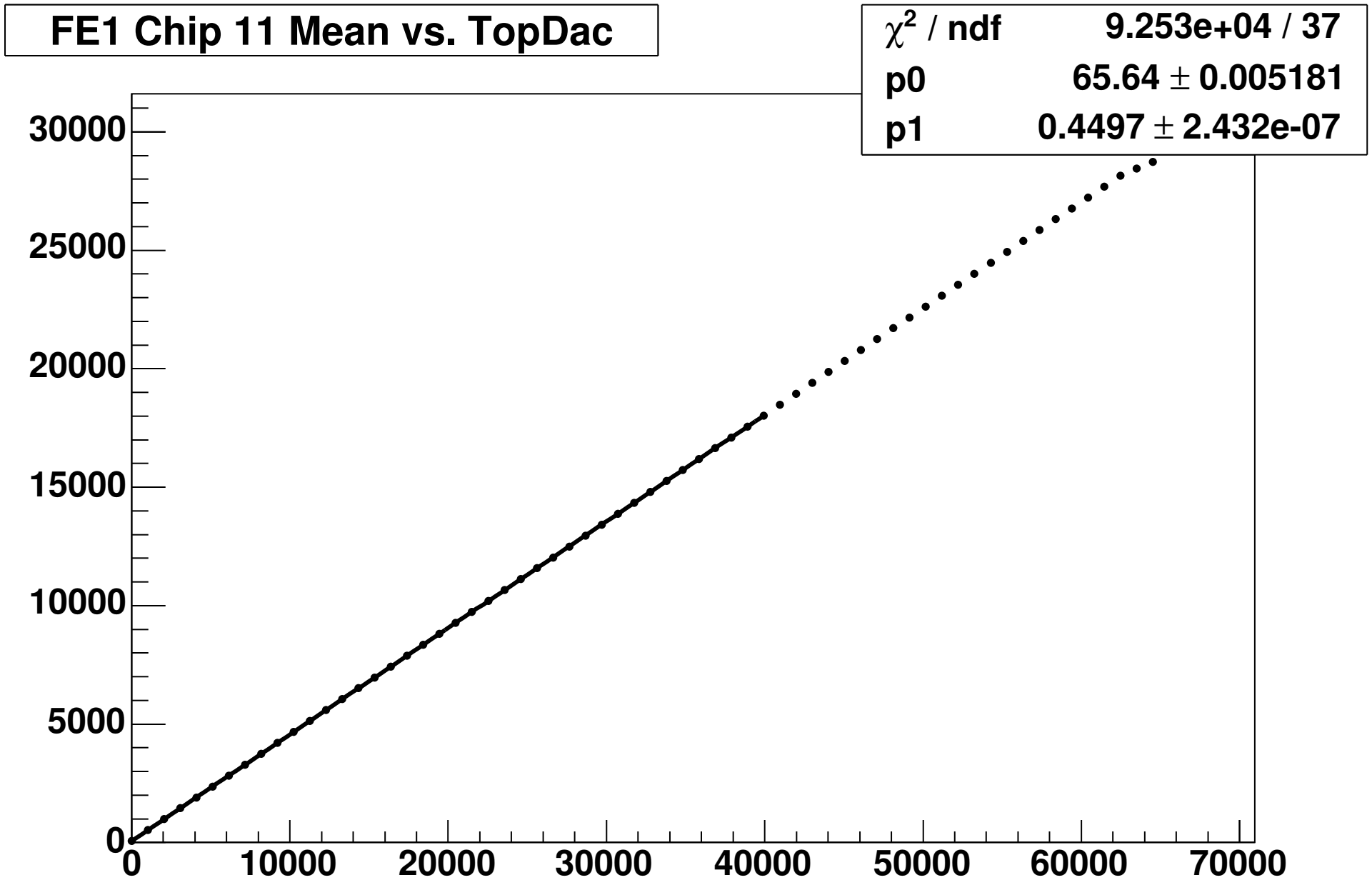
FE1 Chip 11 Mean vs. TopDac
χ² / ndf 9.253e+04 / 37
p0 65.64 ± 0.005181
p1 0.4497 ± 2.432e-07
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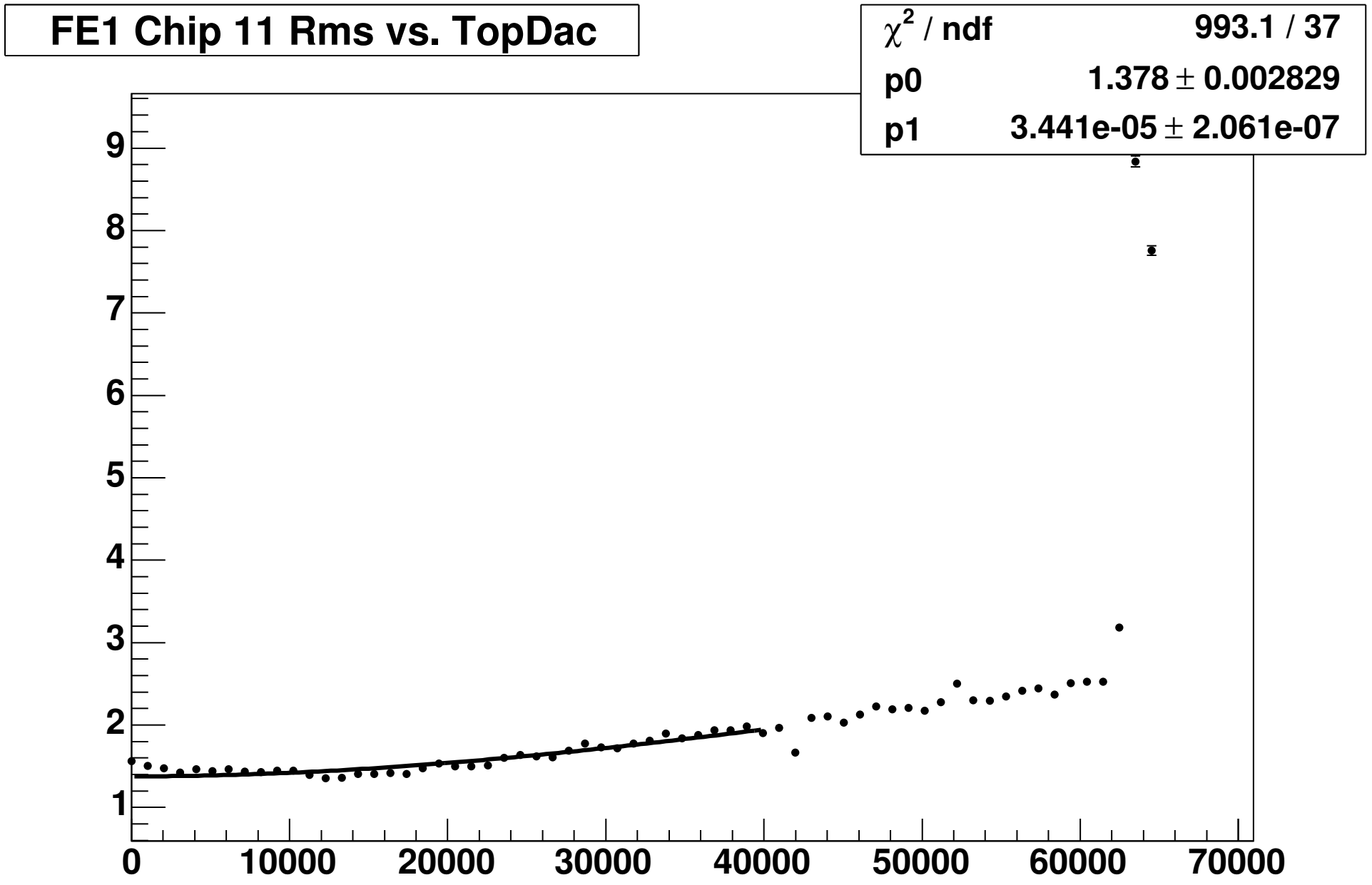
70000


FE1 Chip 11 Rms vs. TopDac
χ² / ndf 993.1 / 37
p0 1.378 ± 0.002829
p1 3.441e-05 ± 2.061e-07
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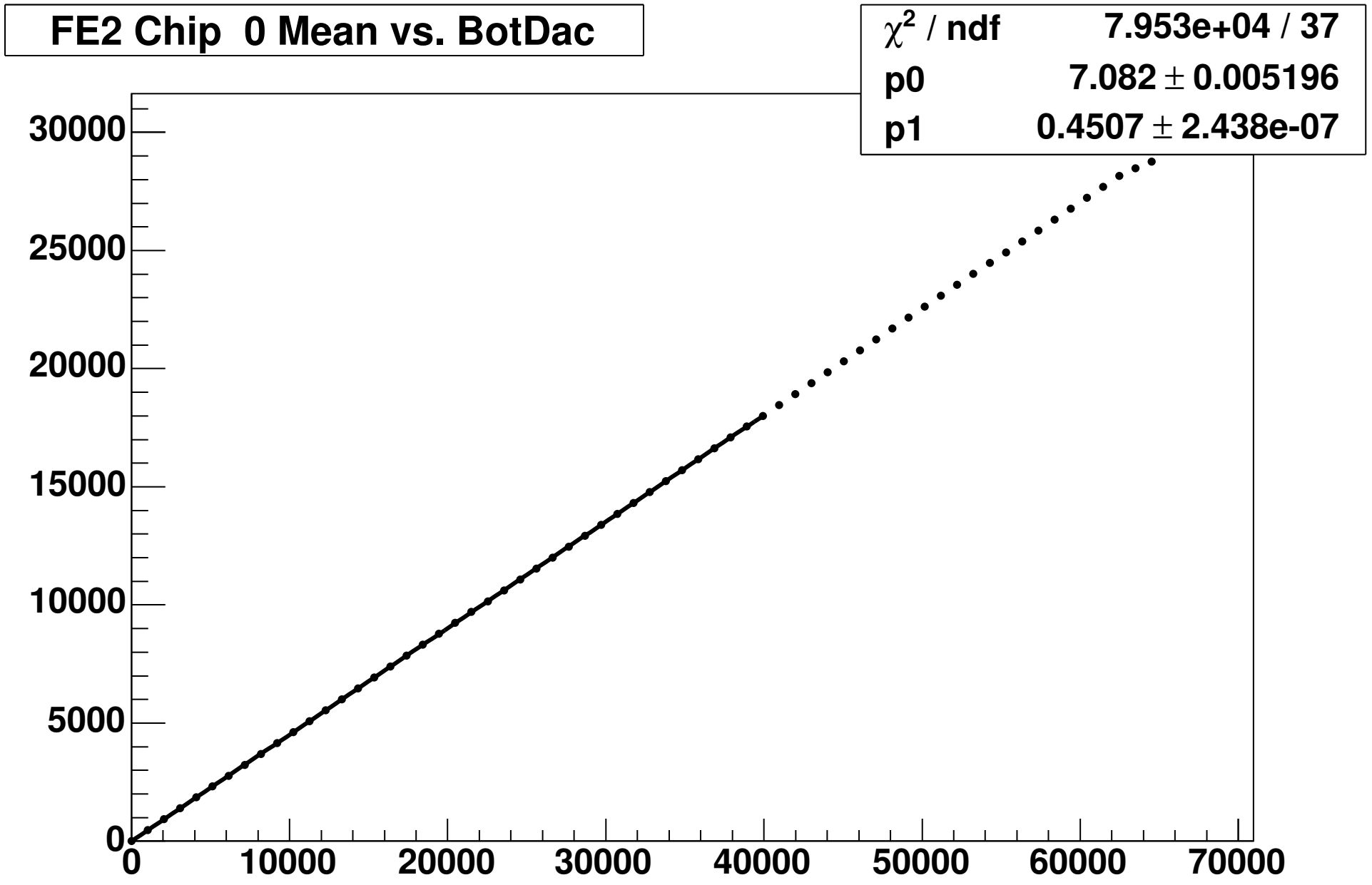
FE2 Chip 0 Mean vs. BotDac
χ² / ndf 7.953e+04 / 37
p0 7.082 ± 0.005196
p1 0.4507 ± 2.438e-07
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15000
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5000
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10000
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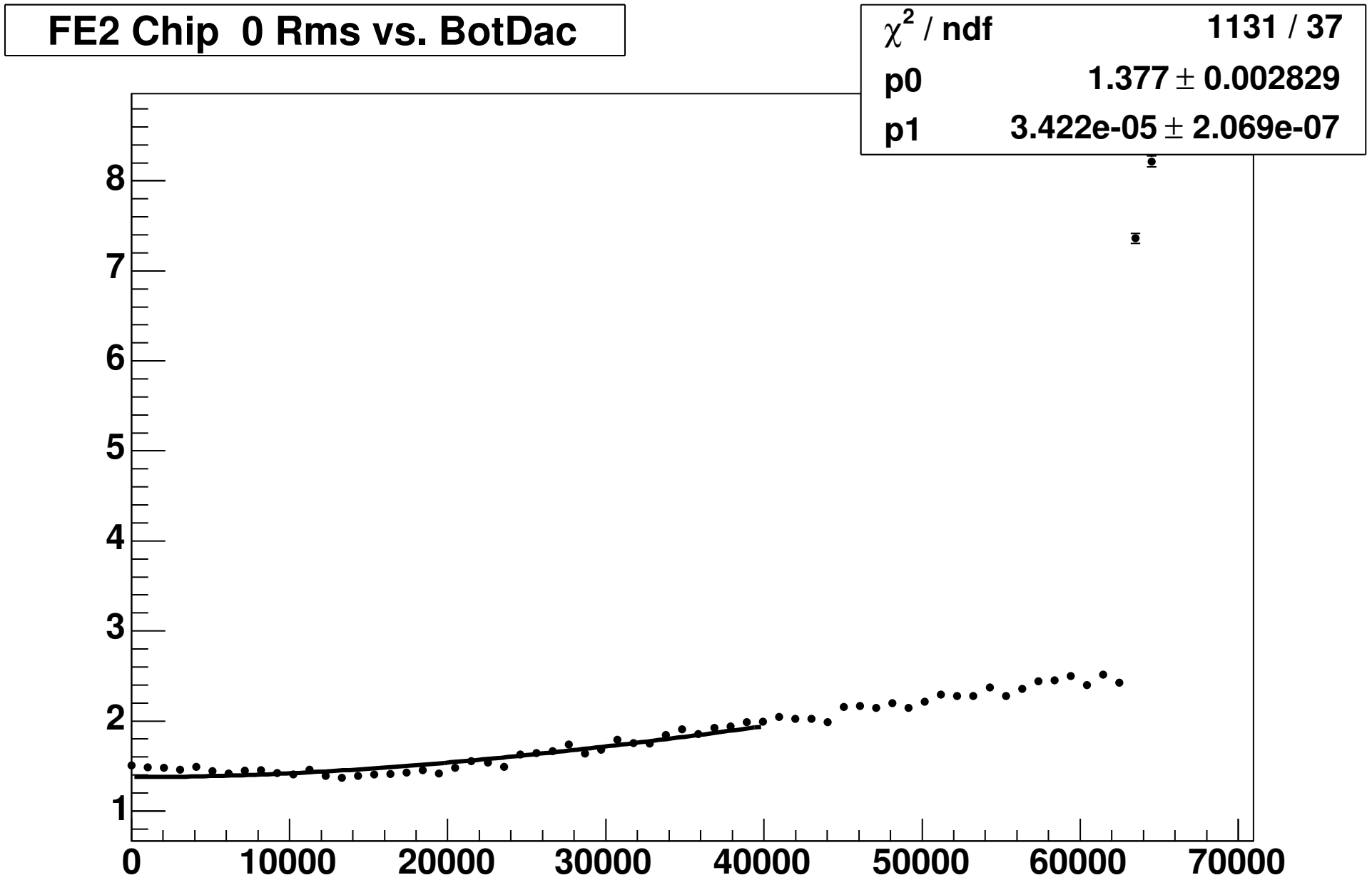
FE2 Chip 0 Rms vs. BotDac
χ² / ndf 1131 / 37
p0 1.377 ± 0.002829
p1 3.422e-05 ± 2.069e-07
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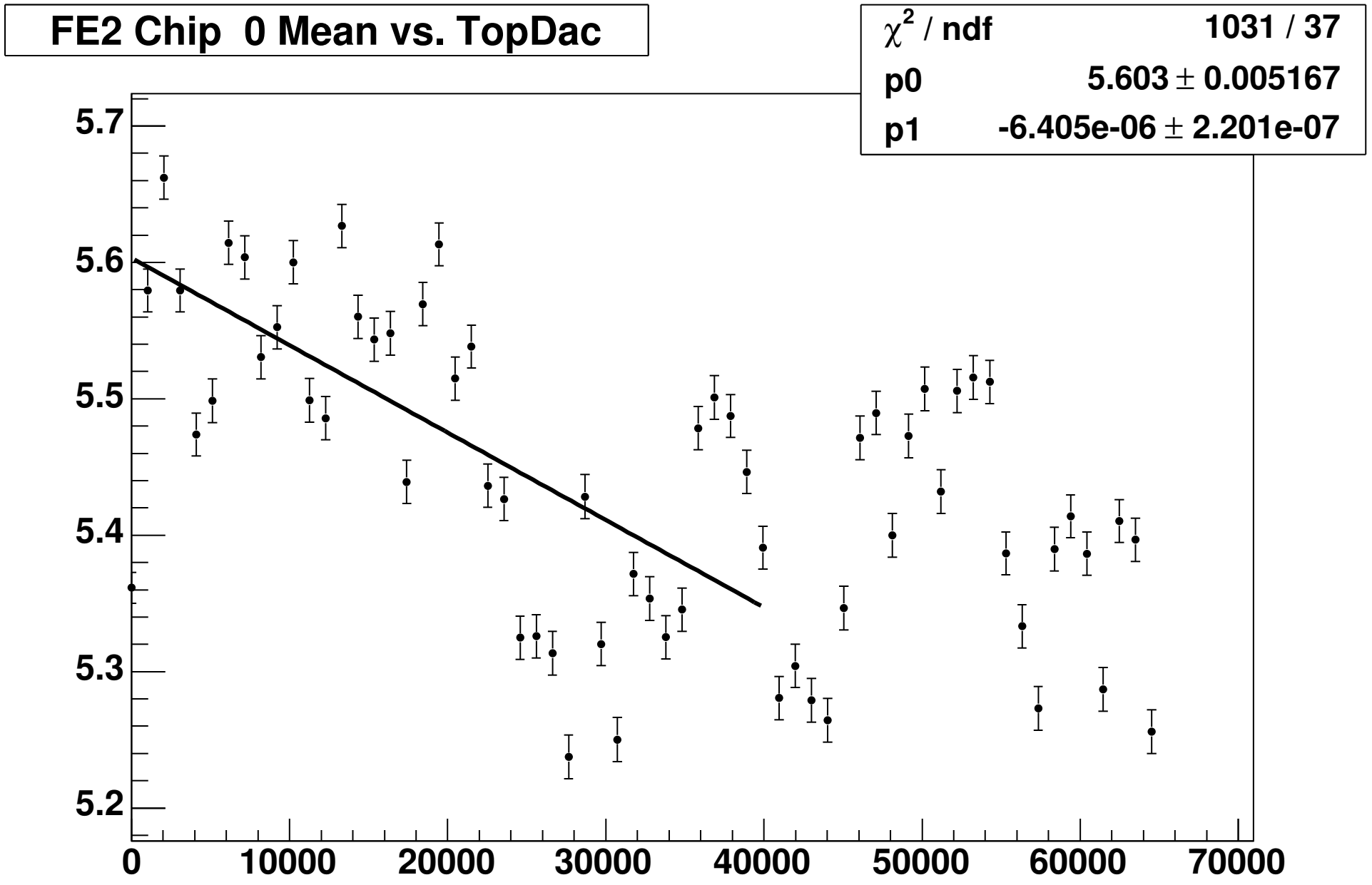
FE2 Chip 0 Mean vs. TopDac
χ² / ndf 1031 / 37
p0 5.603 ± 0.005167
p1 -6.405e-06 ± 2.201e-07
5.7
5.6
5.5
5.4
5.3
5.2
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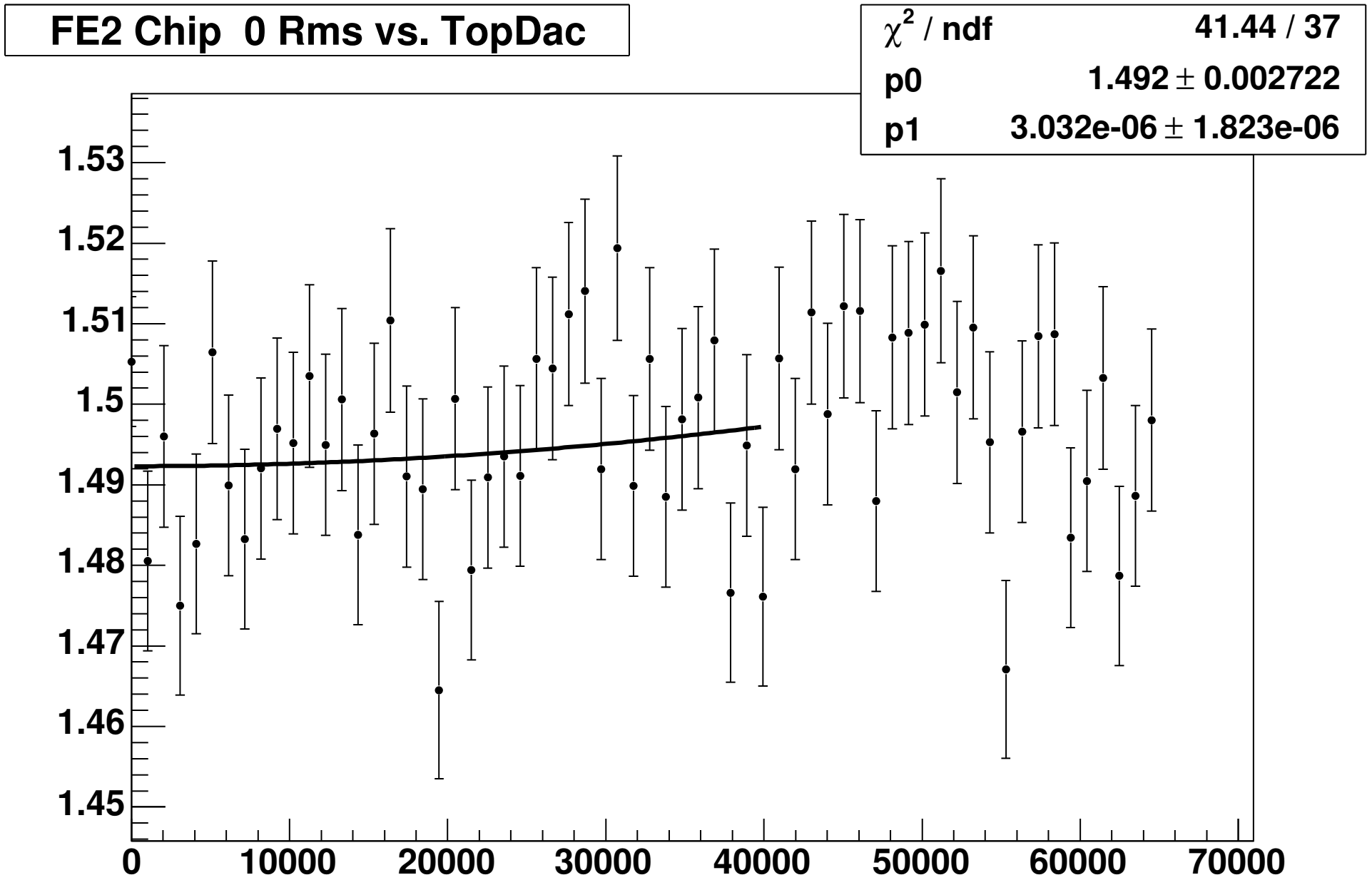
FE2 Chip 0 Rms vs. TopDac
χ^2 / ndf 41.44 / 37
p0 1.492 ± 0.002722
p1 3.032e-06 ± 1.823e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
0
10000
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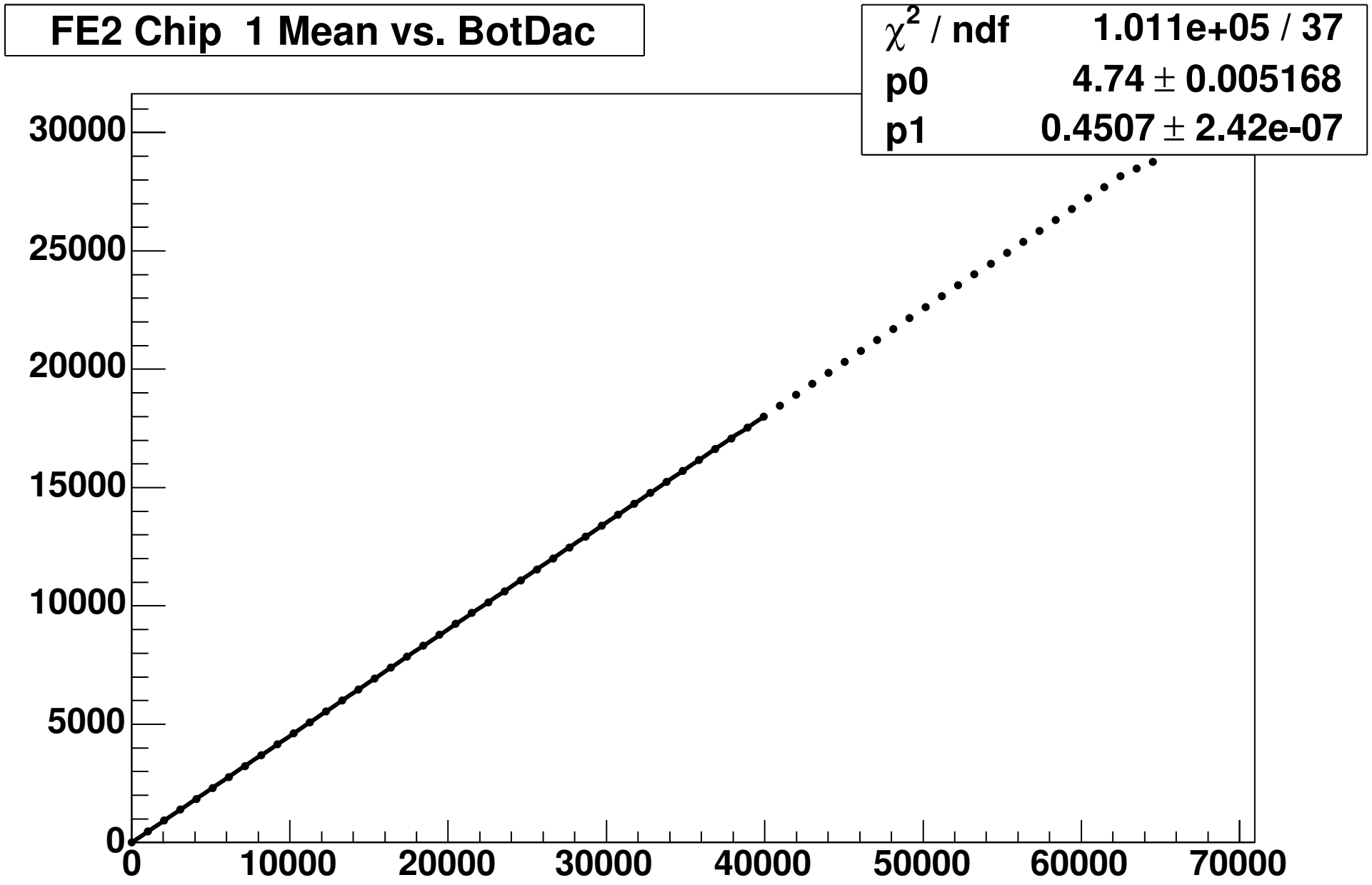
FE2 Chip 1 Mean vs. BotDac
χ² / ndf 1.011e+05 / 37
p0 4.74 ± 0.005168
p1 0.4507 ± 2.42e-07
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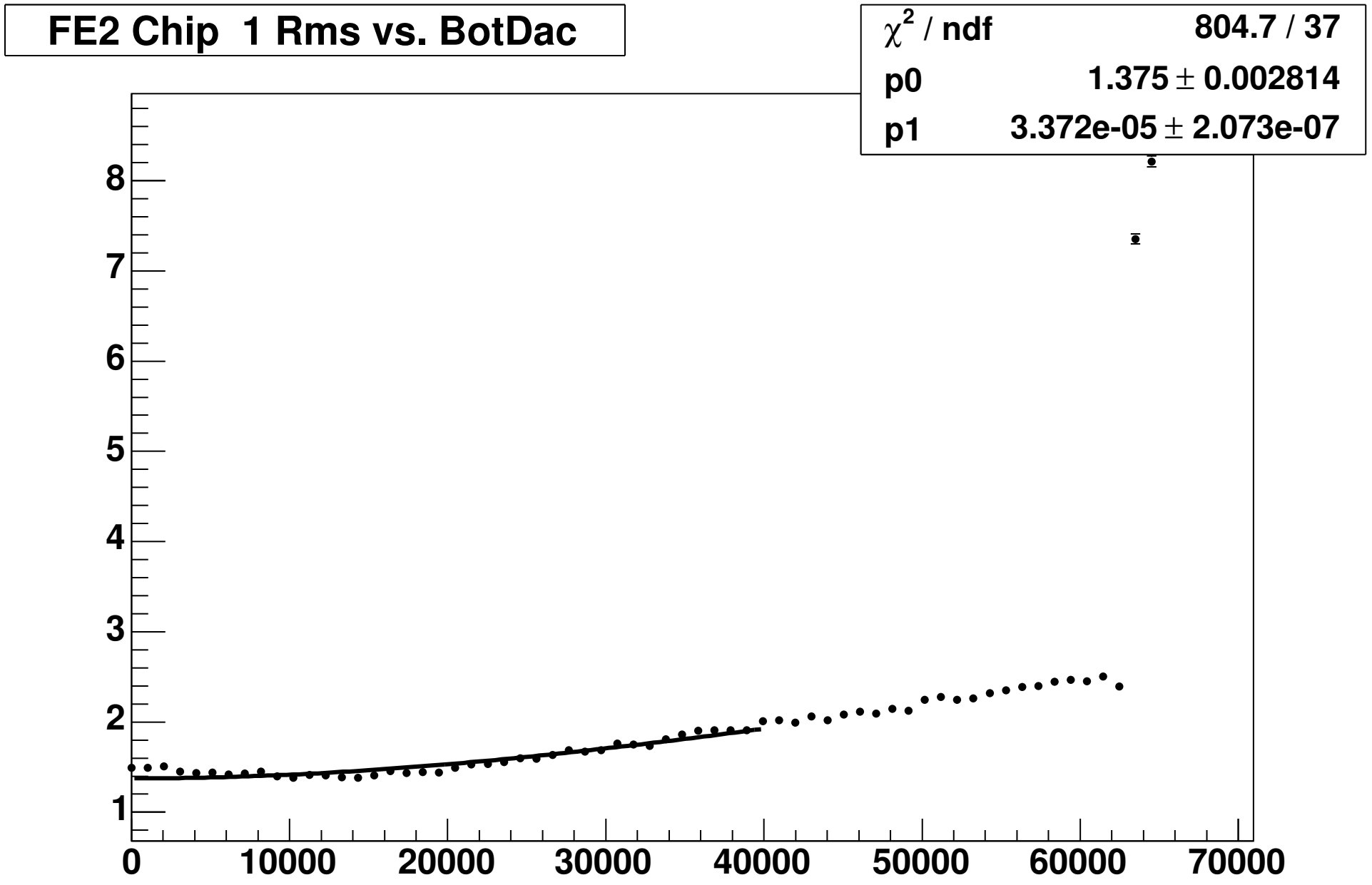
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 1 Rms vs. BotDac
χ² / ndf 804.7 / 37
p0 1.375 ± 0.002814
p1 3.372e-05 ± 2.073e-07
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6
5
4
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50000
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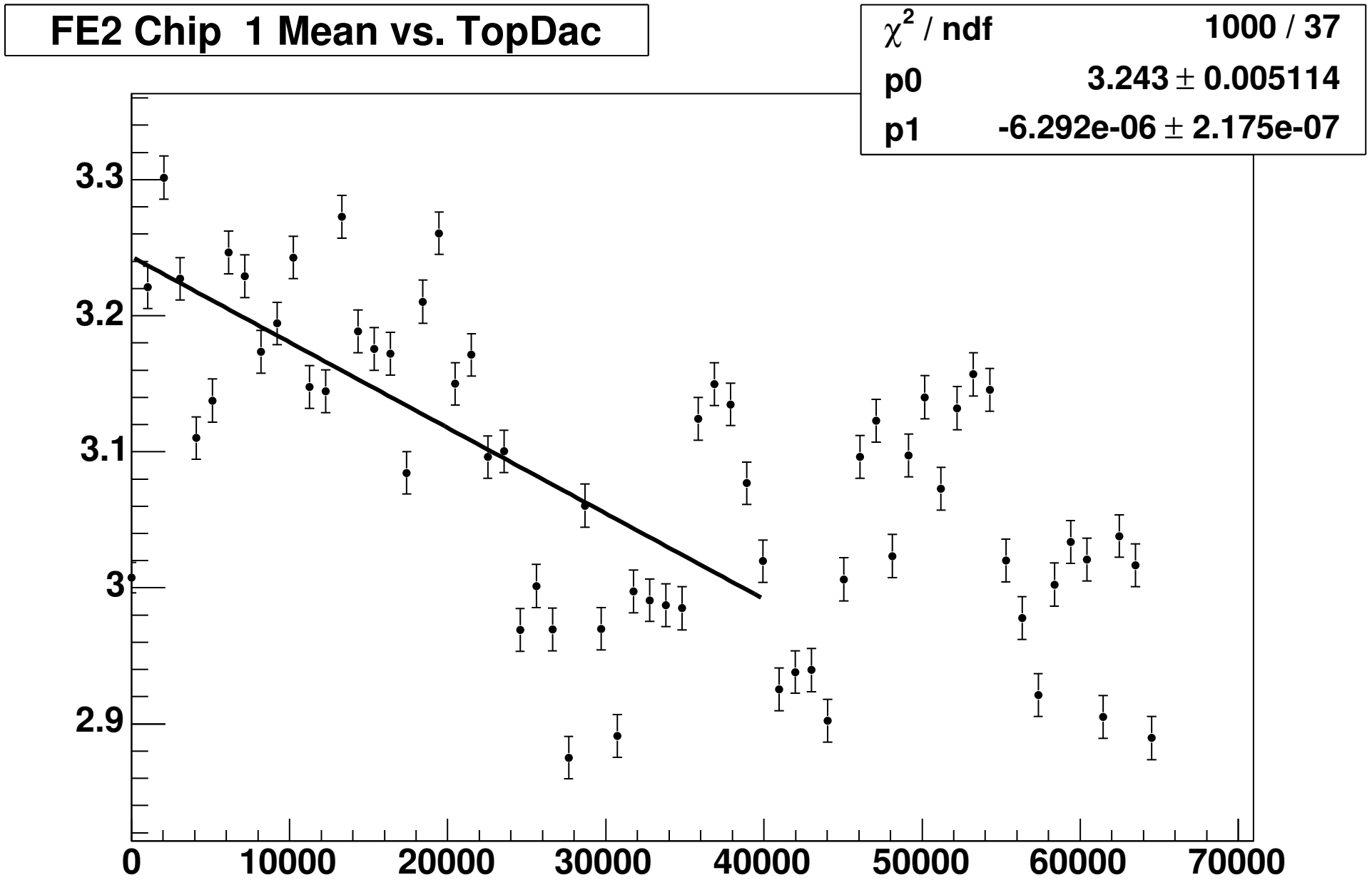
FE2 Chip 1 Mean vs. TopDac
χ² / ndf 1000 / 37
p0 3.243 ± 0.005114
p1 -6.292e-06 ± 2.175e-07
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3.2
3.1
3
2.9
0
10000
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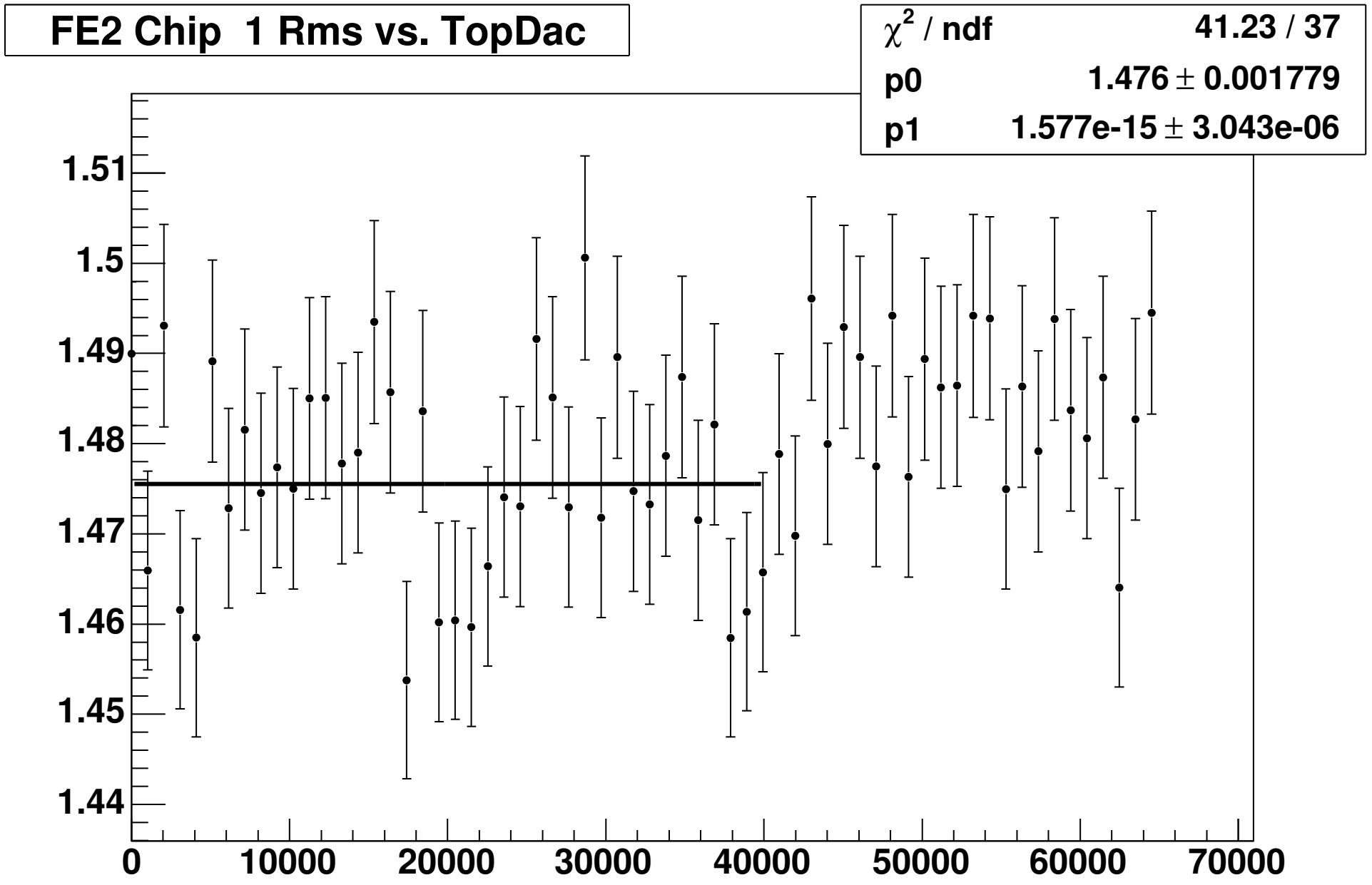
60000
70000


FE2 Chip 1 Rms vs. TopDac
χ² / ndf 41.23 / 37
p0 1.476 ± 0.001779
p1 1.577e-15 ± 3.043e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
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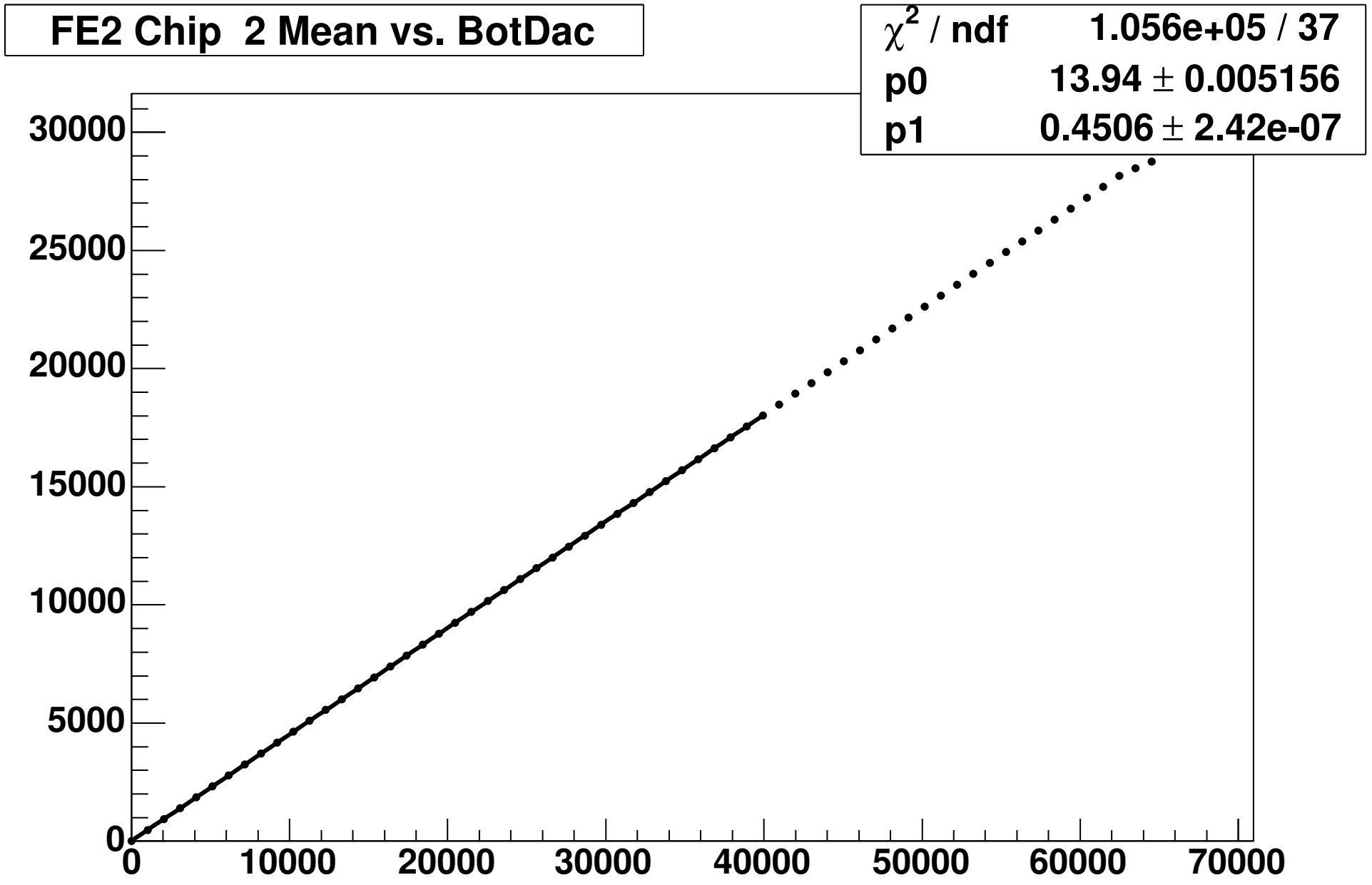
FE2 Chip 2 Mean vs. BotDac
χ² / ndf 1.056e+05 / 37
p0 13.94 ± 0.005156
p1 0.4506 ± 2.42e-07
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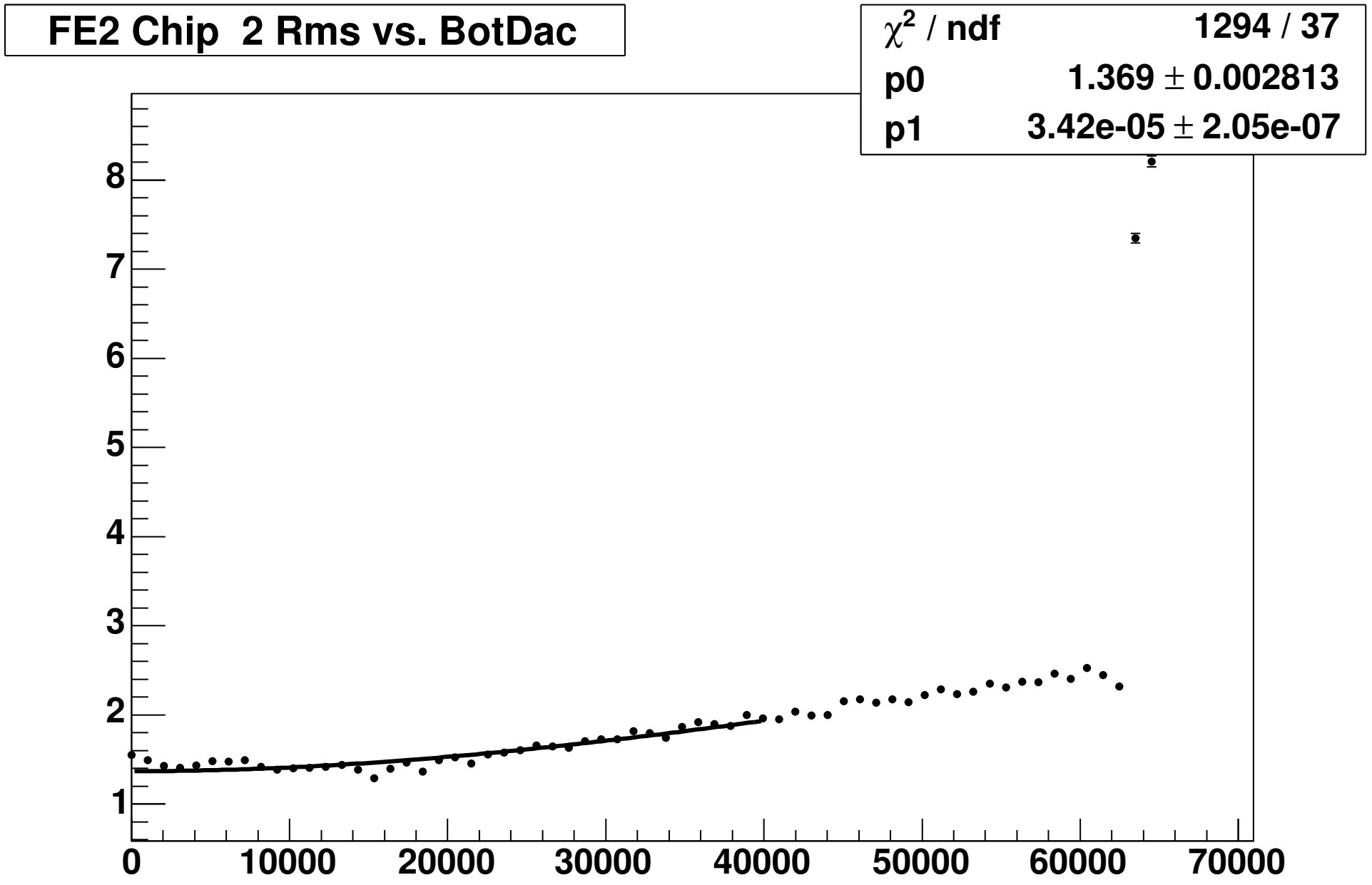
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE2 Chip 2 Rms vs. BotDac
χ² / ndf 1294 / 37
p0 1.369 ± 0.002813
p1 3.42e-05 ± 2.05e-07
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6
5
4
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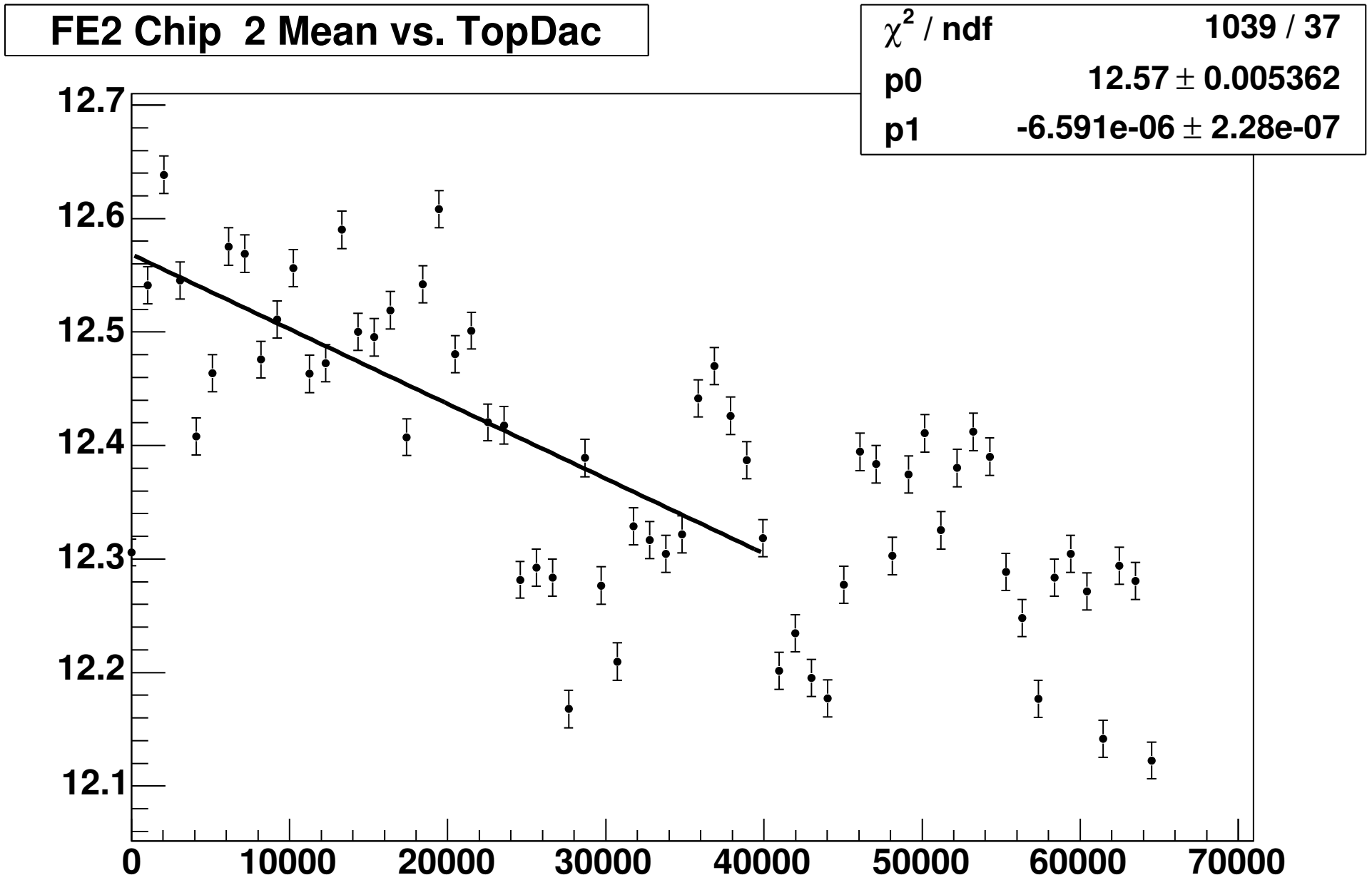
FE2 Chip 2 Mean vs. TopDac
χ² / ndf 1039 / 37
p0 12.57 ± 0.005362
p1 -6.591e-06 ± 2.28e-07
12.7
12.6
12.5
12.4
12.3
12.2
12.1
0
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30000
40000
50000
60000
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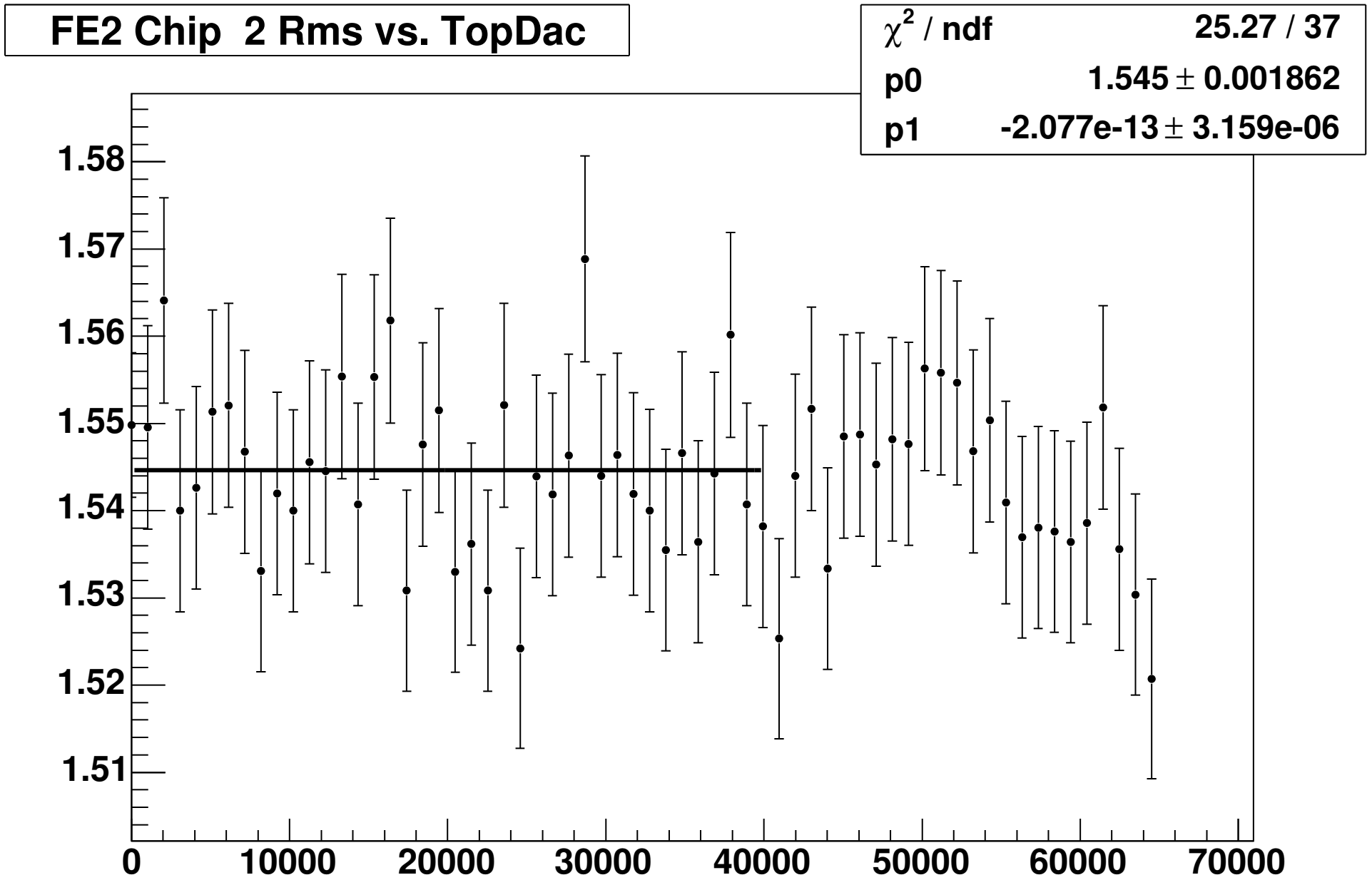
FE2 Chip 2 Rms vs. TopDac
χ² / ndf 25.27 / 37
p0 1.545 ± 0.001862
p1 -2.077e-13 ± 3.159e-06
1.58
1.57
1.56
1.55
1.54
1.53
1.52
1.51
0
10000
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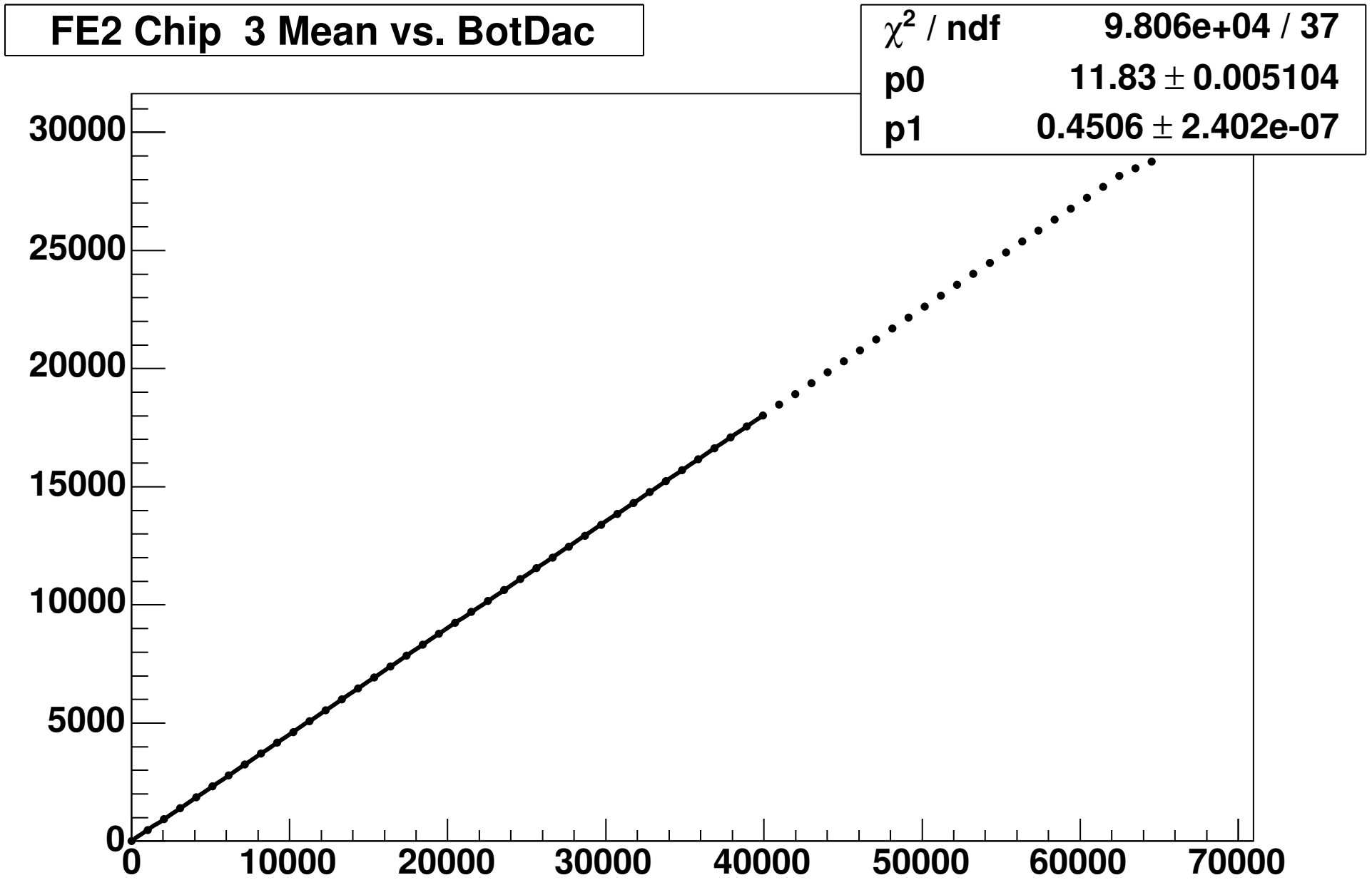
50000
60000
70000


FE2 Chip 3 Mean vs. BotDac
χ² / ndf 9.806e+04 / 37
p0 11.83 ± 0.005104
p1 0.4506 ± 2.402e-07
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15000
10000
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0
0
10000
20000
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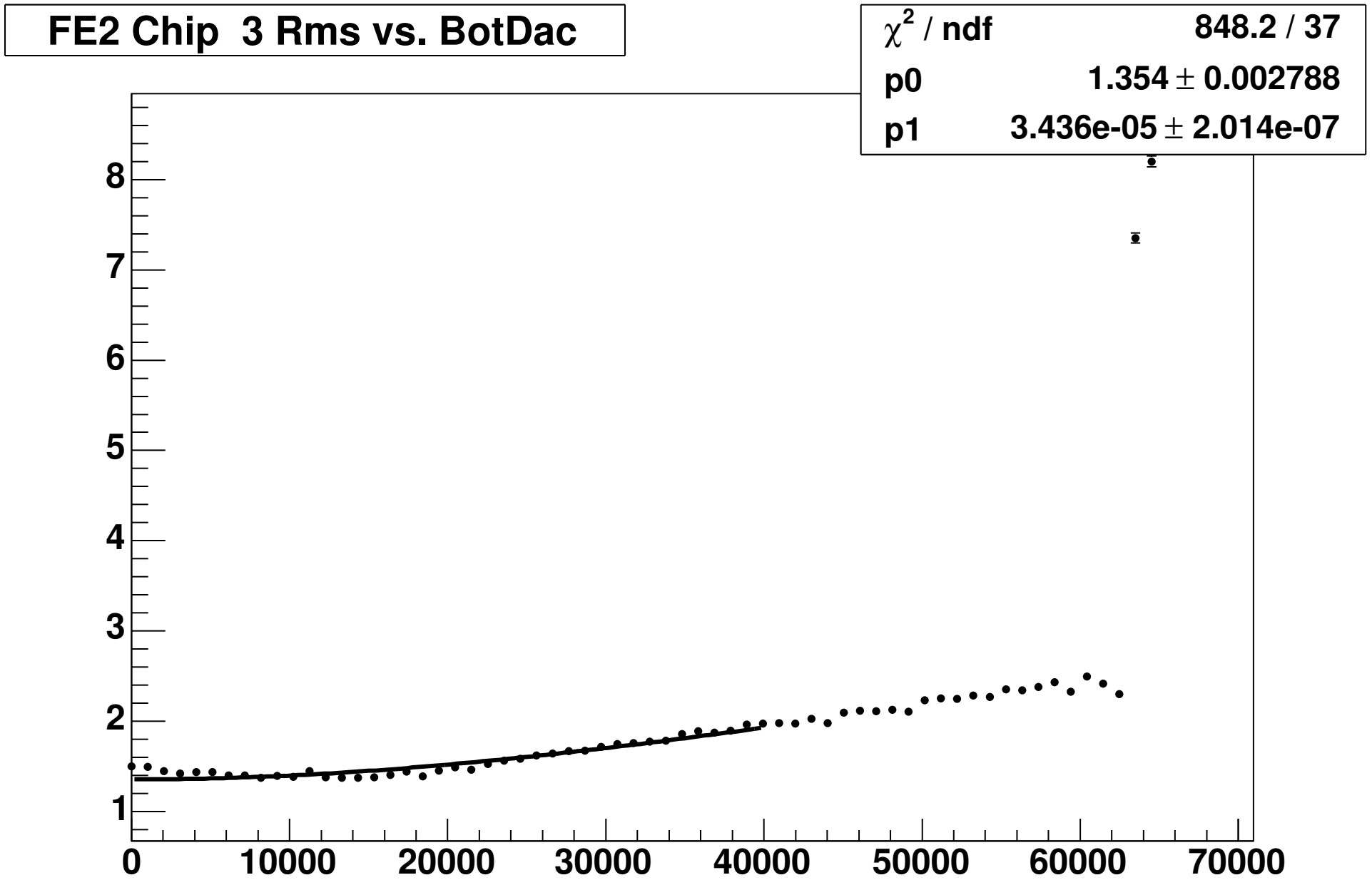
60000
70000


FE2 Chip 3 Rms vs. BotDac
χ² / ndf 848.2 / 37
p0 1.354 ± 0.002788
p1 3.436e-05 ± 2.014e-07
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6
5
4
3
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50000
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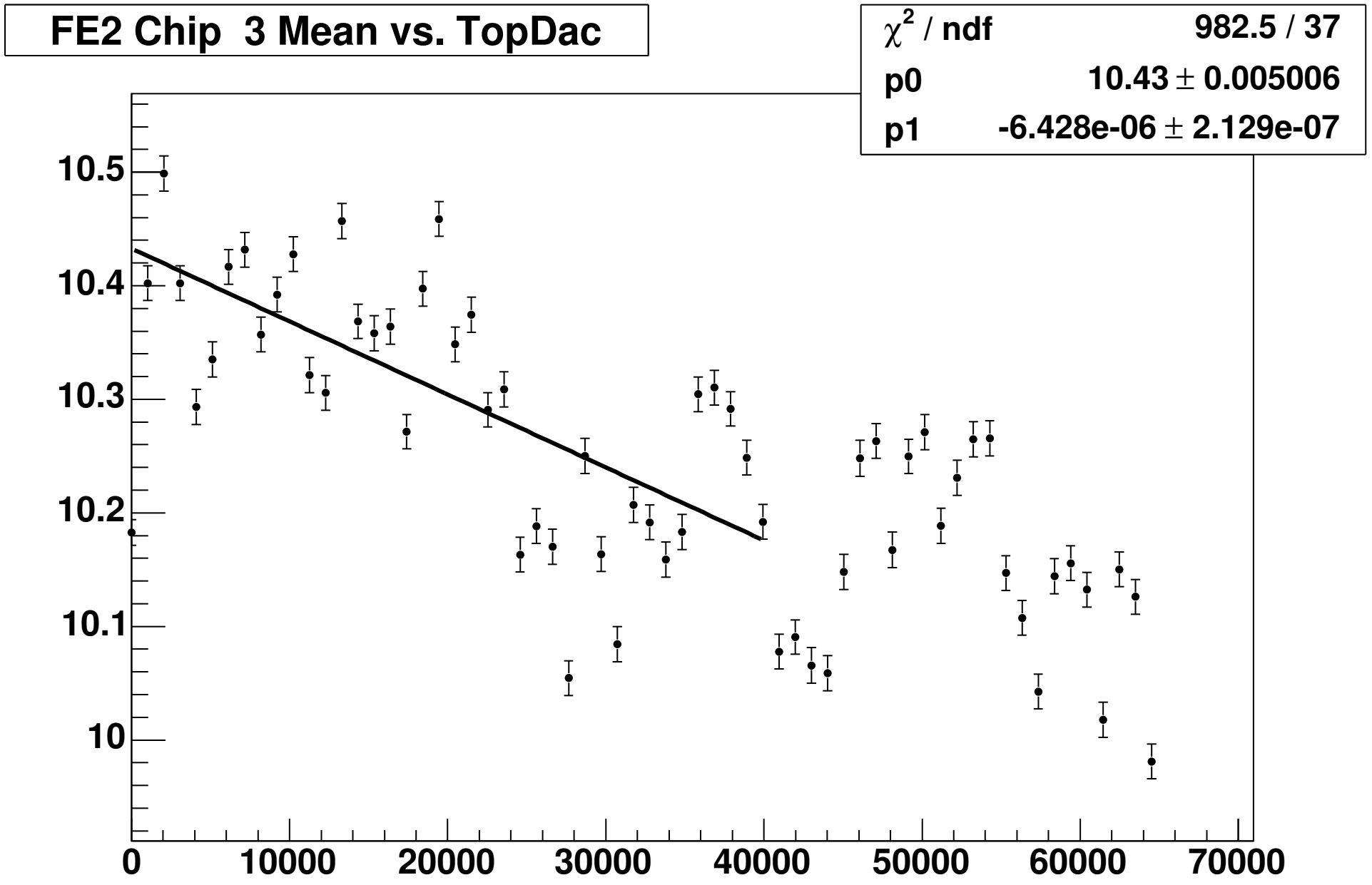
70000


FE2 Chip 3 Mean vs. TopDac
χ² / ndf 982.5 / 37
p0 10.43 ± 0.005006
p1 -6.428e-06 ± 2.129e-07
10.5
10.4
10.3
10.2
10.1
10
0
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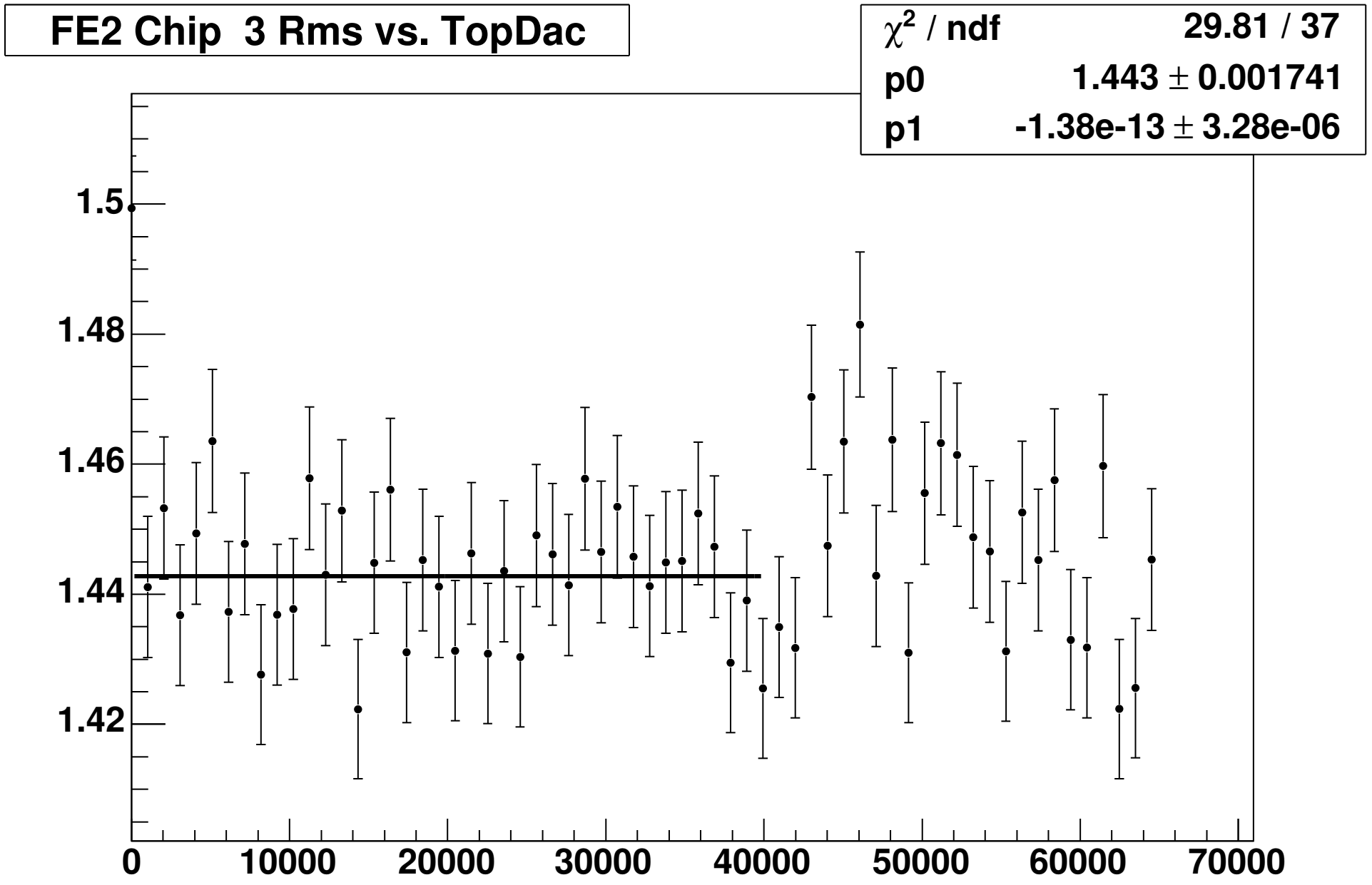
40000
50000
60000
70000


FE2 Chip 3 Rms vs. TopDac
χ² / ndf 29.81 / 37
p0 1.443 ± 0.001741
p1 -1.38e-13 ± 3.28e-06
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1.48
1.46
1.44
1.42
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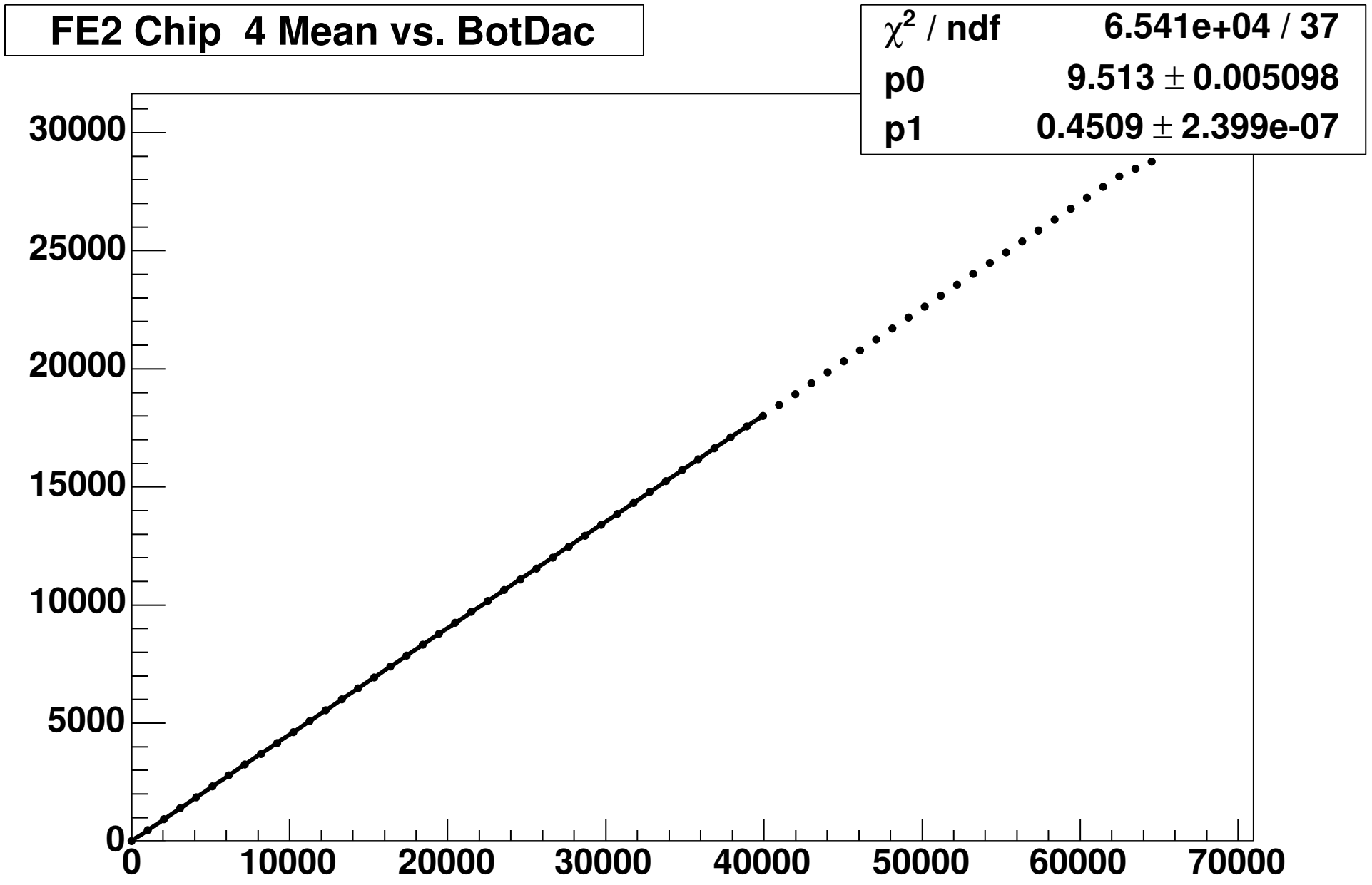
FE2 Chip 4 Mean vs. BotDac
χ² / ndf 6.541e+04 / 37
p0 9.513 ± 0.005098
p1 0.4509 ± 2.399e-07
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15000
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0
0
10000
20000
30000
40000
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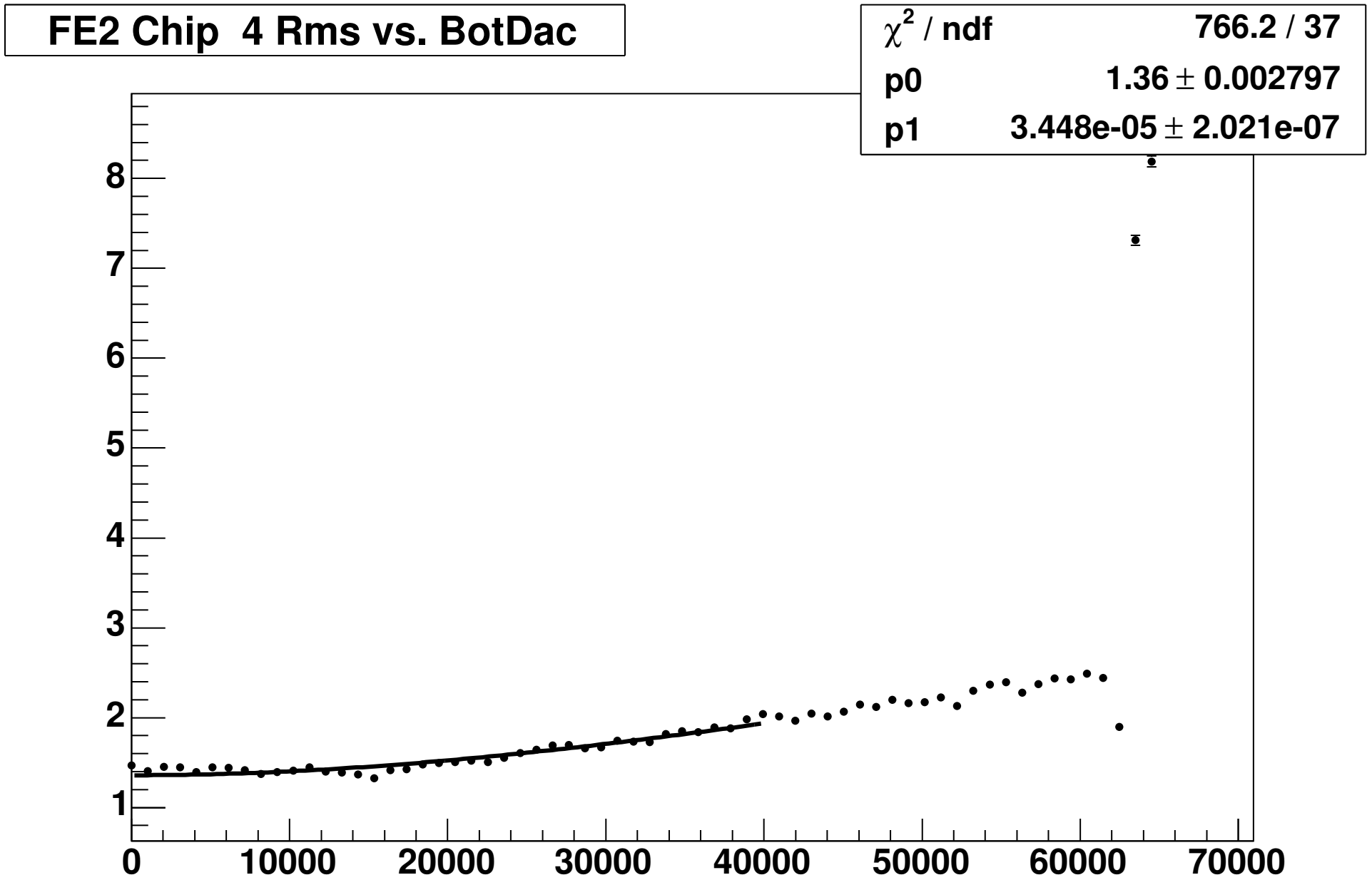
60000
70000


FE2 Chip 4 Rms vs. BotDac
χ² / ndf 766.2 / 37
p0 1.36 ± 0.002797
p1 3.448e-05 ± 2.021e-07
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7
6
5
4
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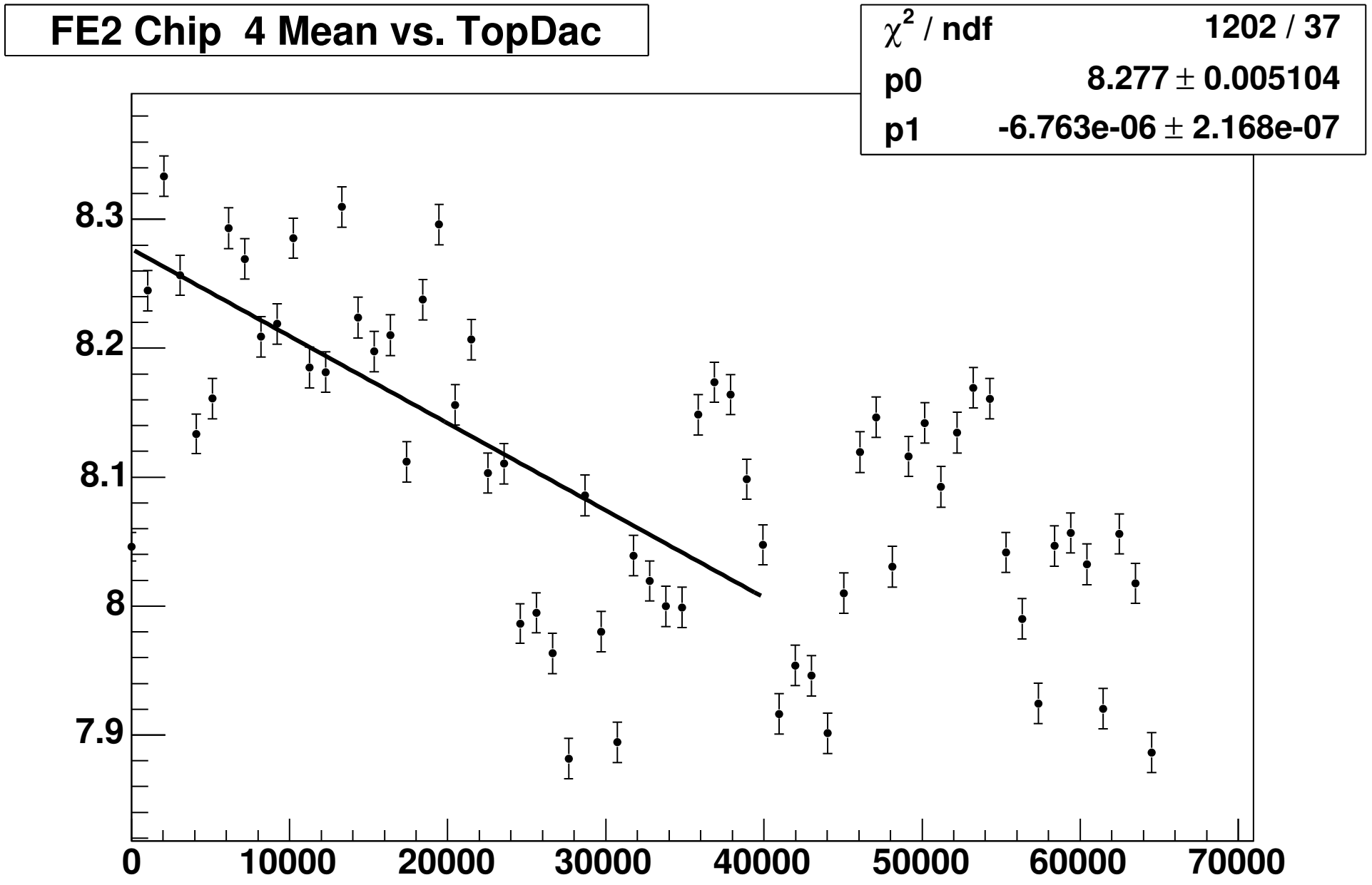
FE2 Chip 4 Mean vs. TopDac
χ² / ndf 1202 / 37
p0 8.277 ± 0.005104
p1 -6.763e-06 ± 2.168e-07
8.3
8.2
8.1
8
7.9
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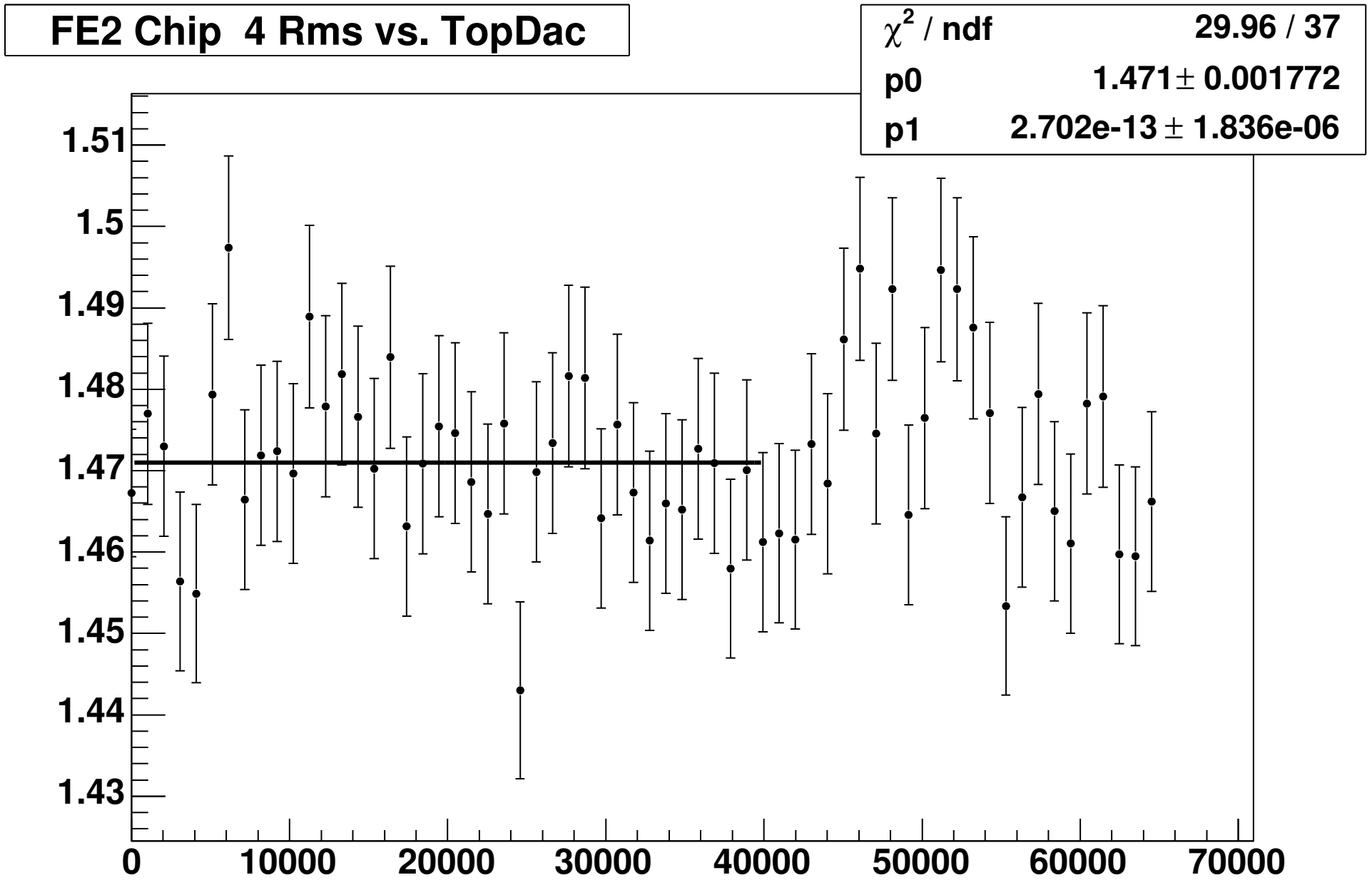
FE2 Chip 4 Rms vs. TopDac
χ² / ndf 29.96 / 37
p0 1.471 ± 0.001772
p1 2.702e-13 ± 1.836e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
10000
20000
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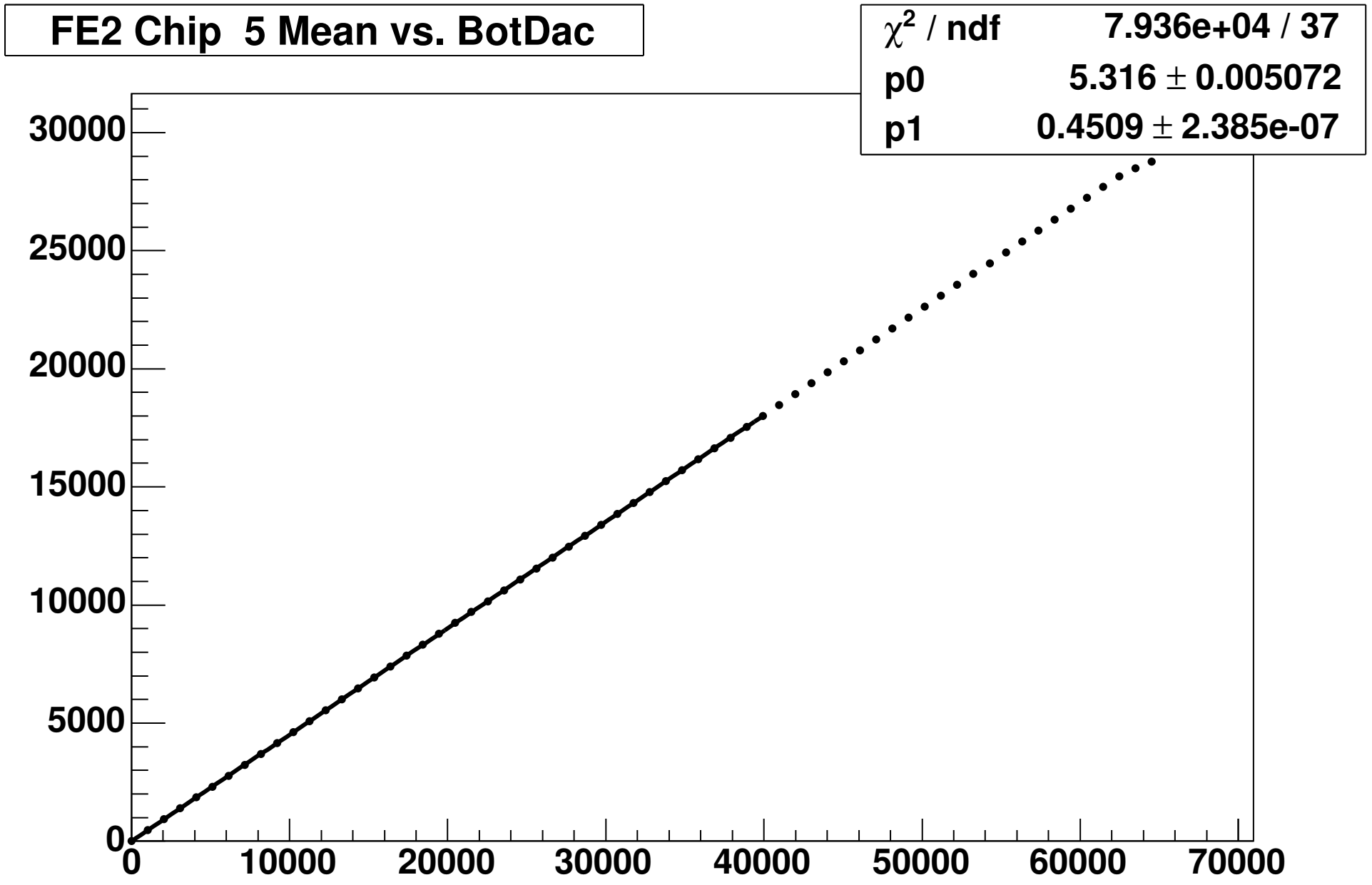
70000


FE2 Chip 5 Mean vs. BotDac
χ² / ndf 7.936e+04 / 37
p0 5.316 ± 0.005072
p1 0.4509 ± 2.385e-07
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20000
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50000
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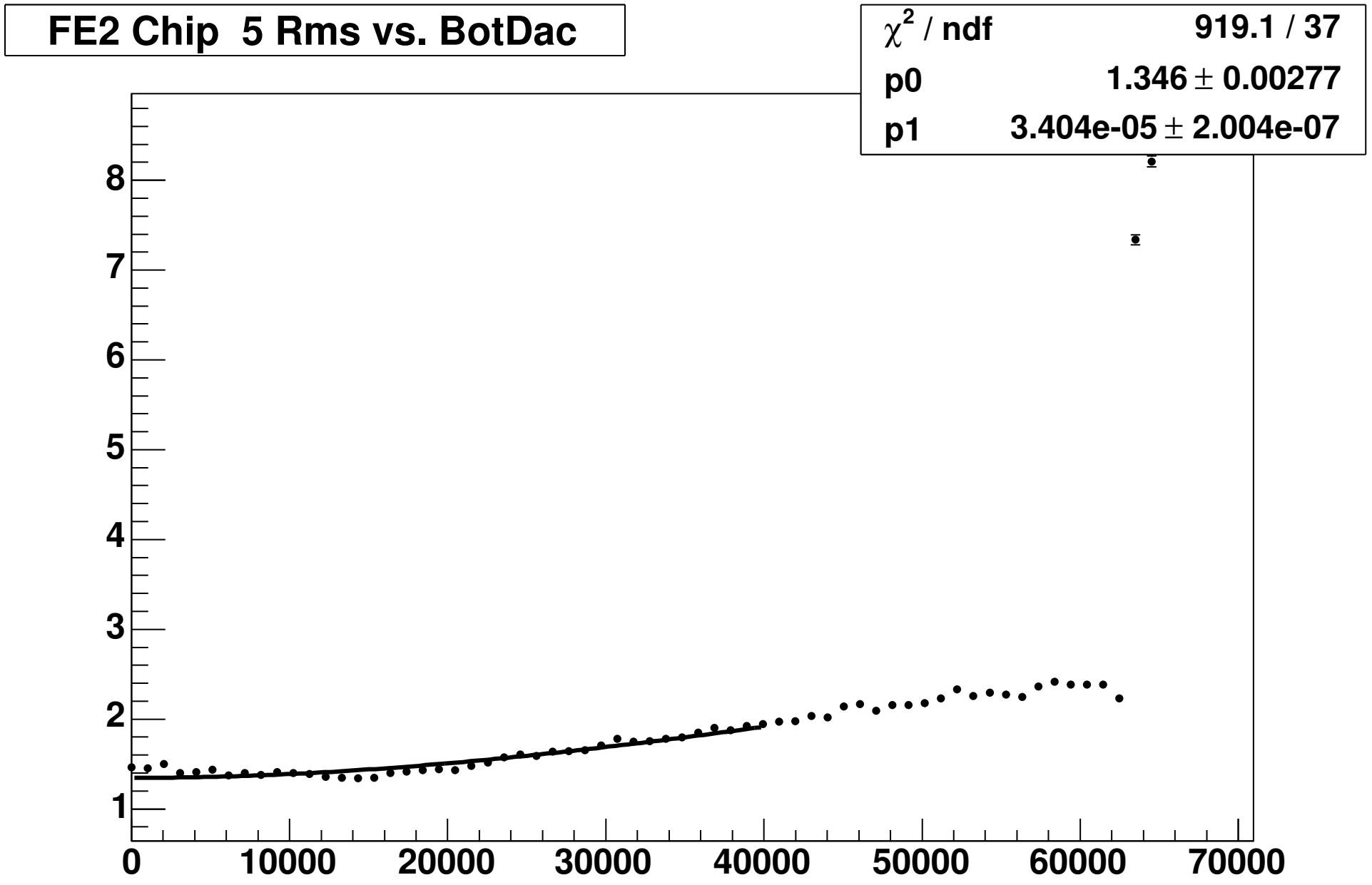
70000


FE2 Chip 5 Rms vs. BotDac
χ² / ndf 919.1 / 37
p0 1.346 ± 0.00277
p1 3.404e-05 ± 2.004e-07
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5
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2
1
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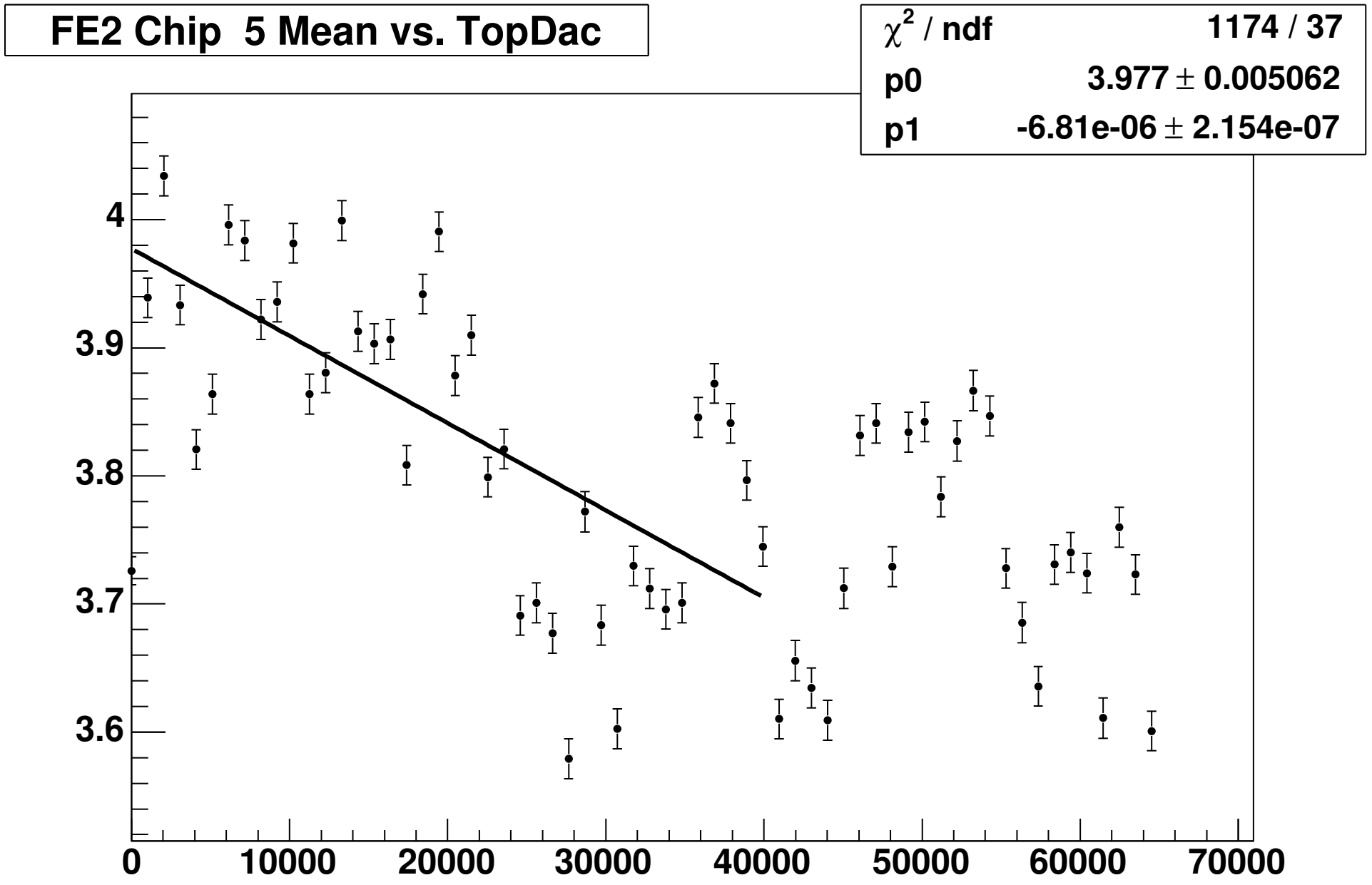
FE2 Chip 5 Mean vs. TopDac
χ² / ndf 1174 / 37
p0 3.977 ± 0.005062
p1 -6.81e-06 ± 2.154e-07
4
3.9
3.8
3.7
3.6
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10000
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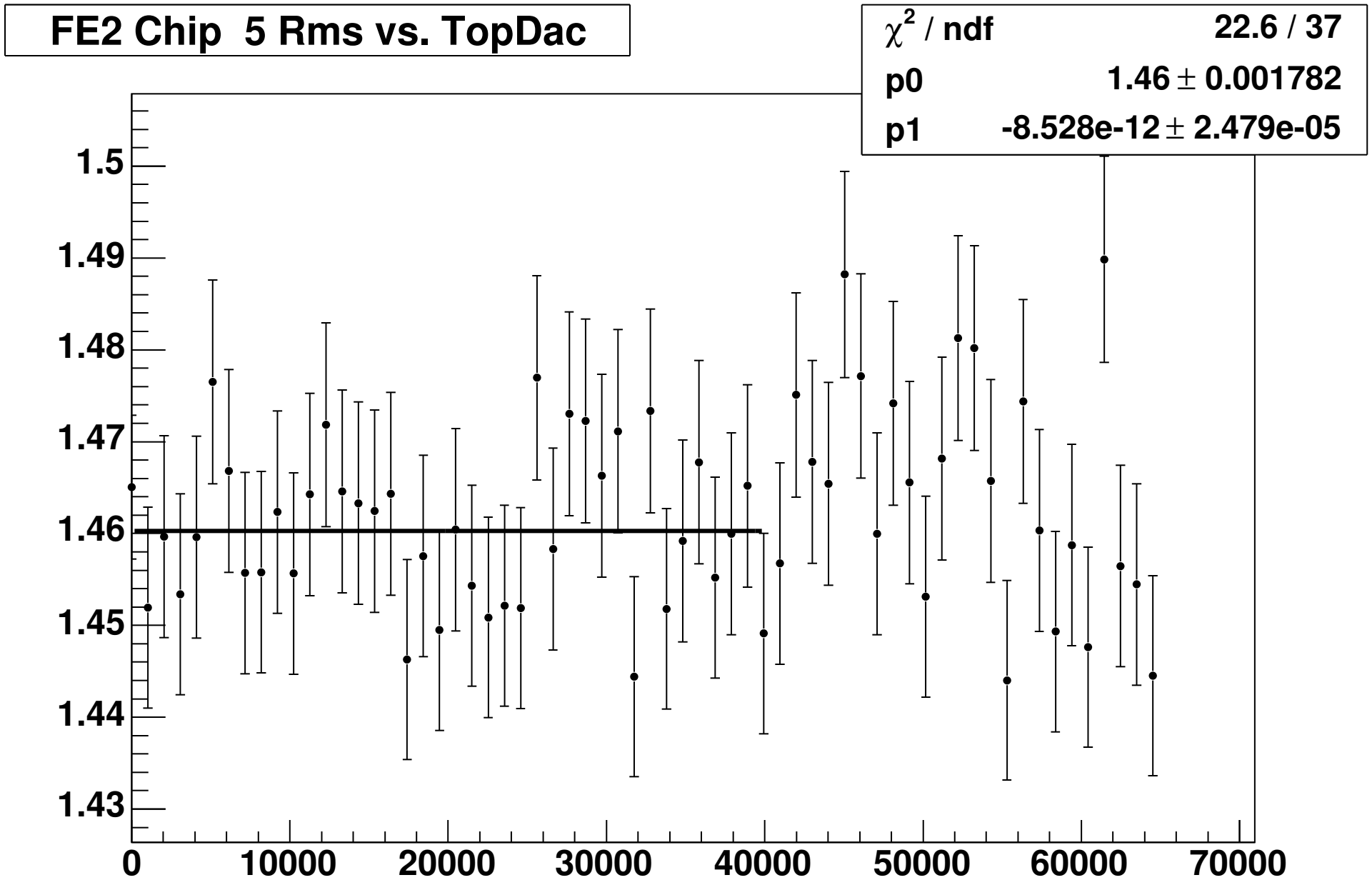
FE2 Chip 5 Rms vs. TopDac
χ² / ndf 22.6 / 37
p0 1.46 ± 0.001782
p1 -8.528e-12 ± 2.479e-05
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
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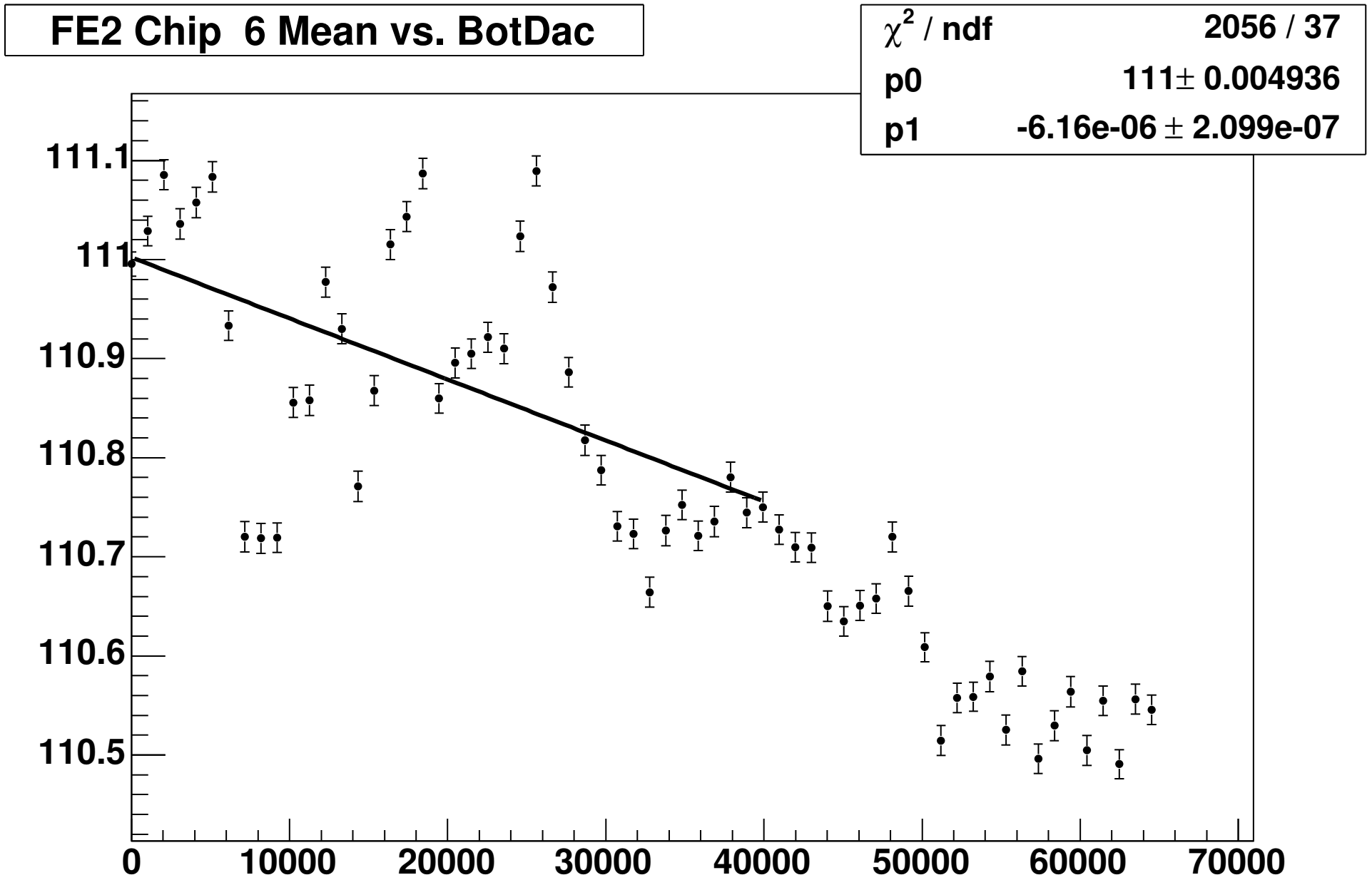
FE2 Chip 6 Mean vs. BotDac
χ² / ndf 2056 / 37
p0 111± 0.004936
p1 -6.16e-06 ± 2.099e-07
111.1
111
110.9
110.8
110.7
110.6
110.5
0
10000
20000
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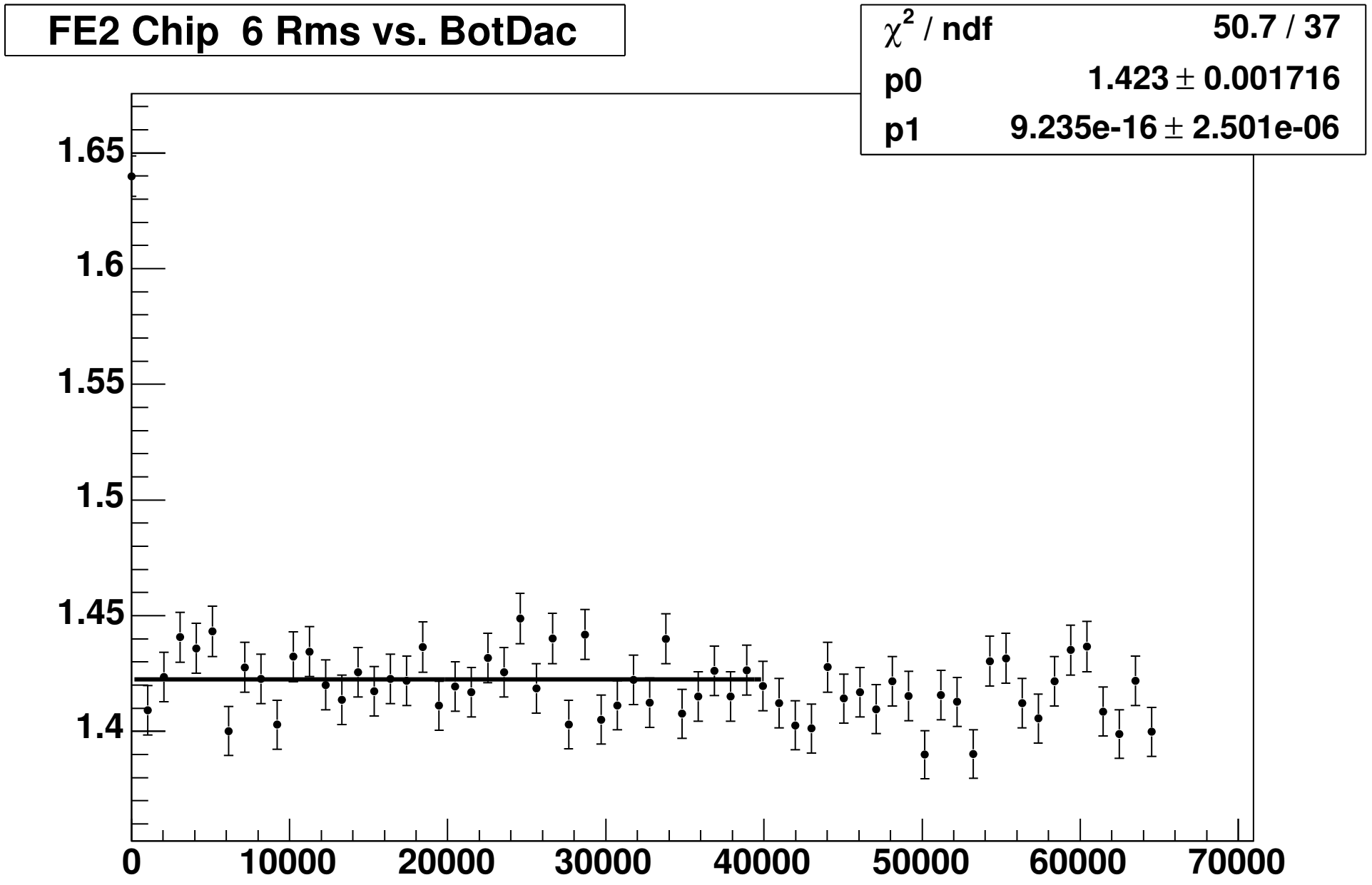
70000


FE2 Chip 6 Rms vs. BotDac
χ² / ndf 50.7 / 37
p0 1.423 ± 0.001716
p1 9.235e-16 ± 2.501e-06
1.65
1.6
1.55
1.5
1.45
1.4
0
10000
20000
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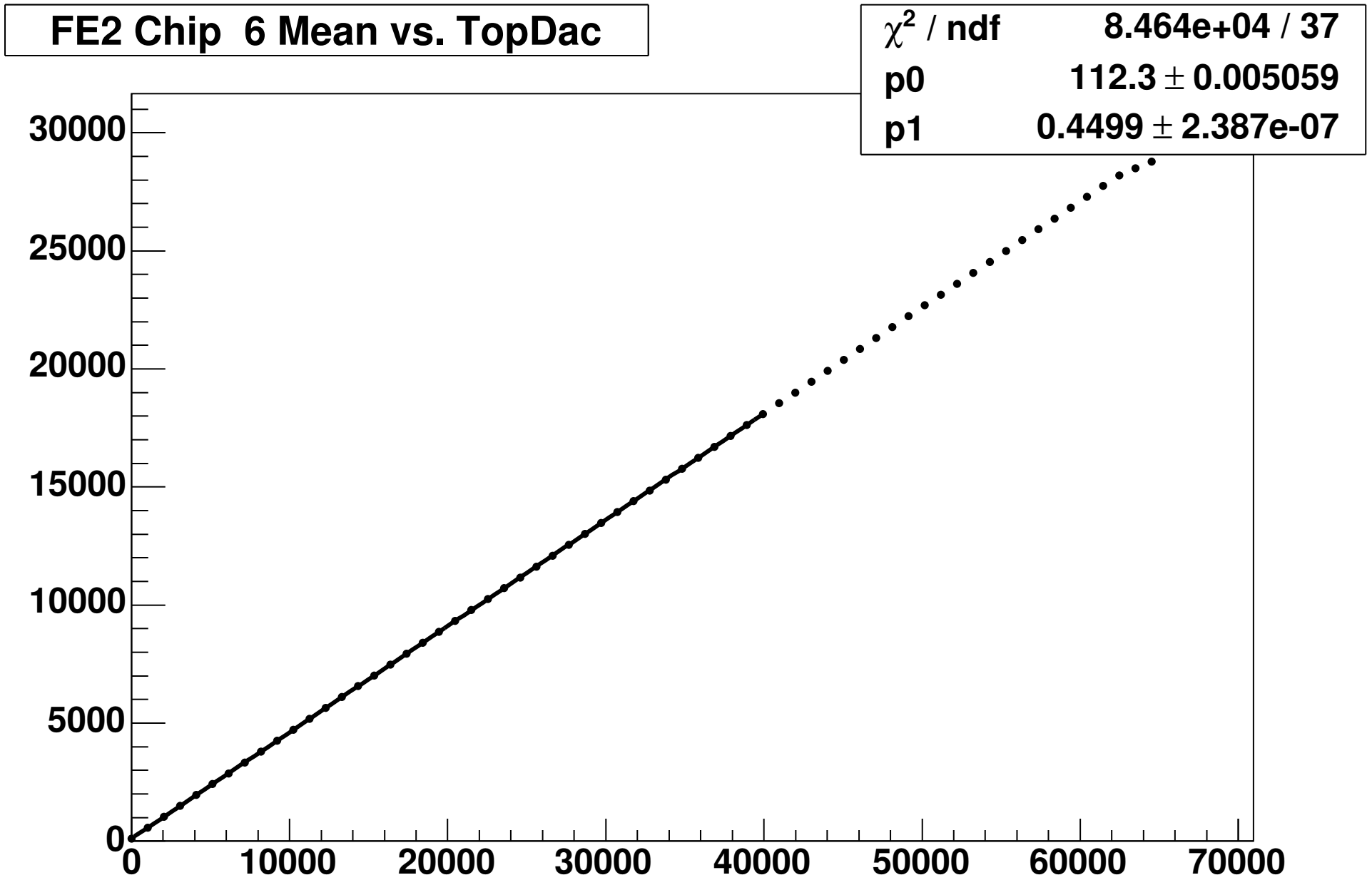
FE2 Chip 6 Mean vs. TopDac
χ² / ndf 8.464e+04 / 37
p0 112.3 ± 0.005059
p1 0.4499 ± 2.387e-07
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15000
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5000
0
0
10000
20000
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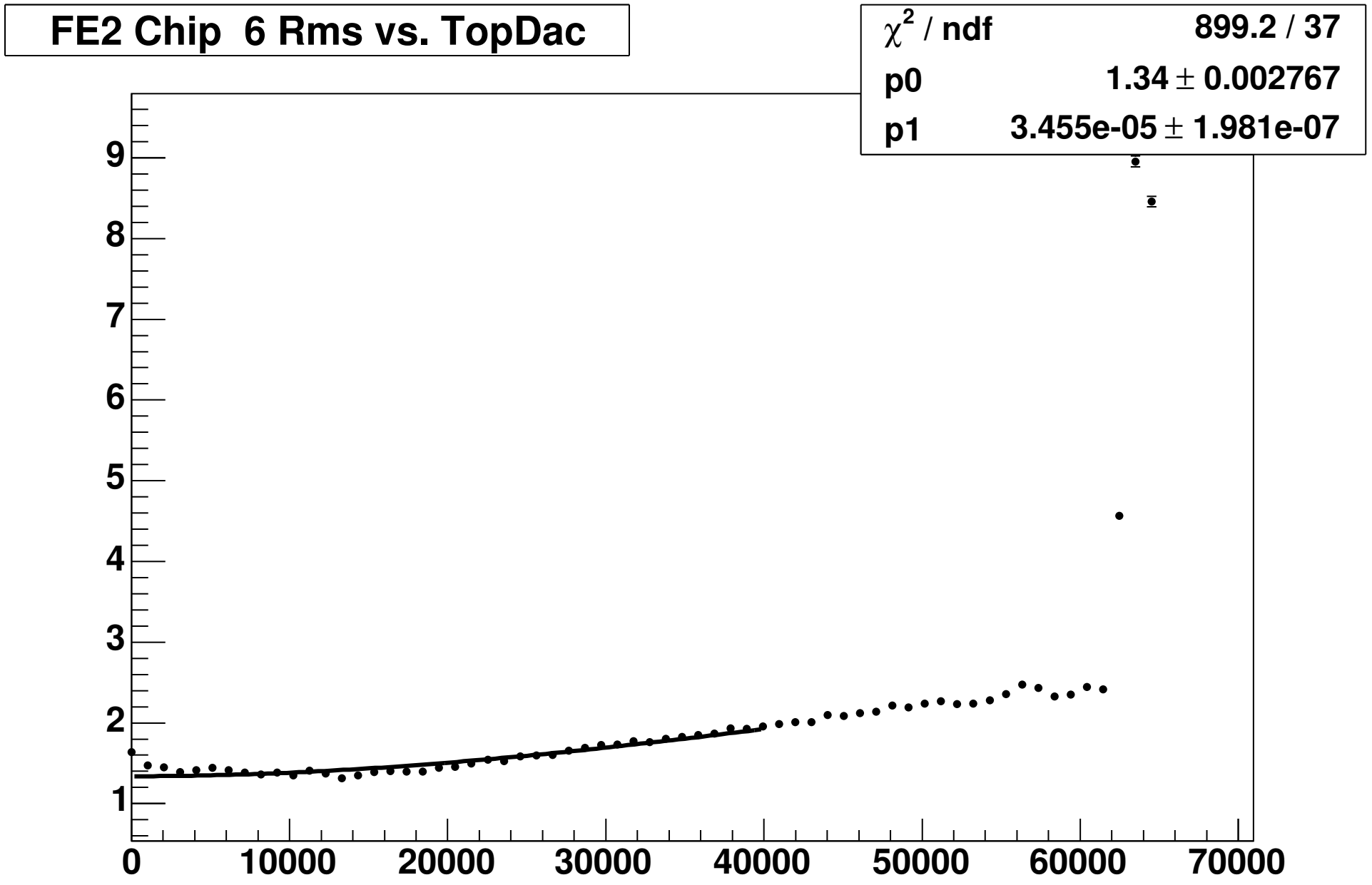
FE2 Chip 6 Rms vs. TopDac
χ² / ndf 899.2 / 37
p0 1.34 ± 0.002767
p1 3.455e-05 ± 1.981e-07
9
8
7
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5
4
3
2
1
0
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20000
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50000
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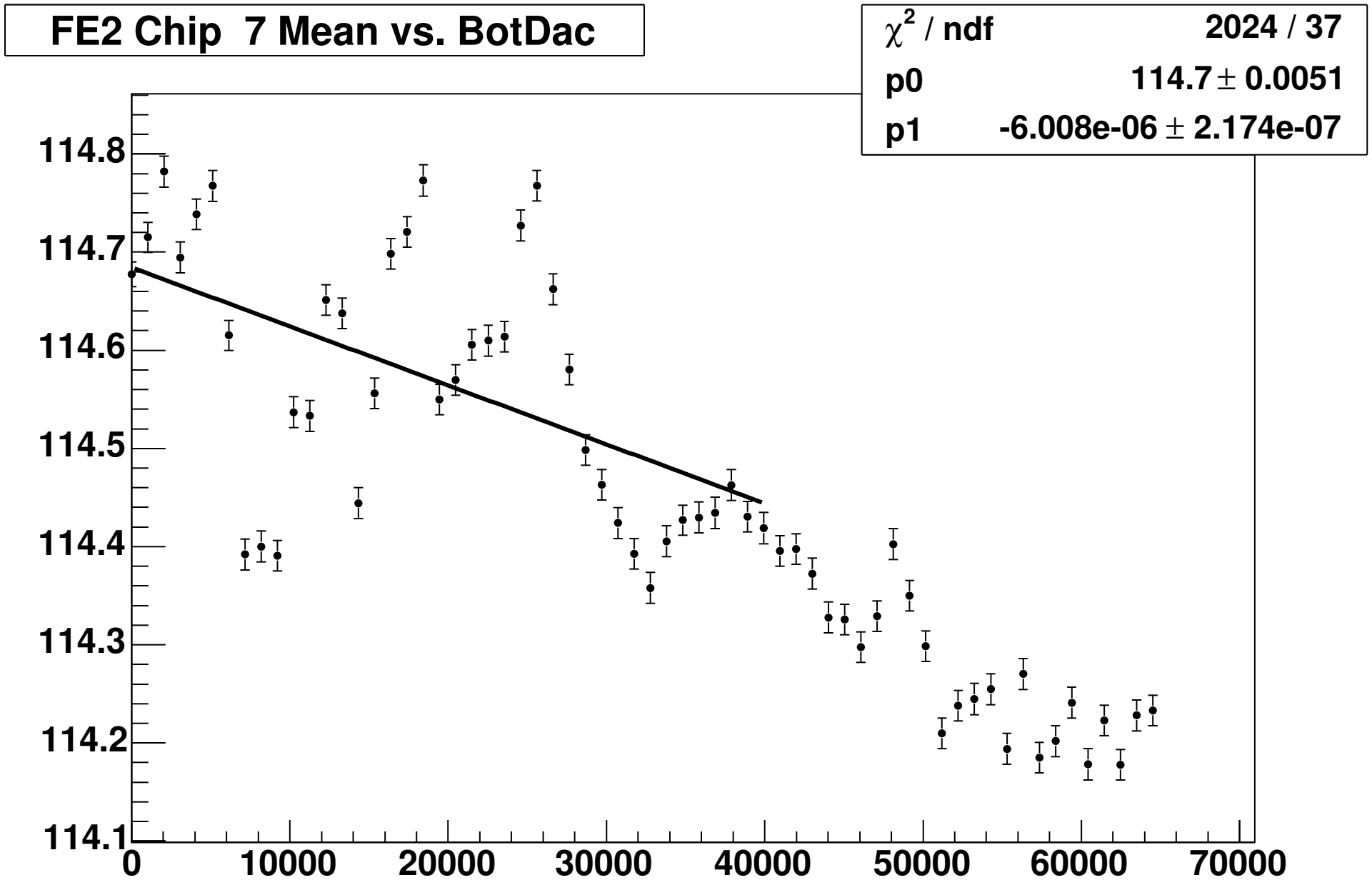
70000


FE2 Chip 7 Mean vs. BotDac
χ² / ndf 2024 / 37
p0 114.7 ± 0.0051
p1 -6.008e-06 ± 2.174e-07
114.8
114.7
114.6
114.5
114.4
114.3
114.2
114.1
0
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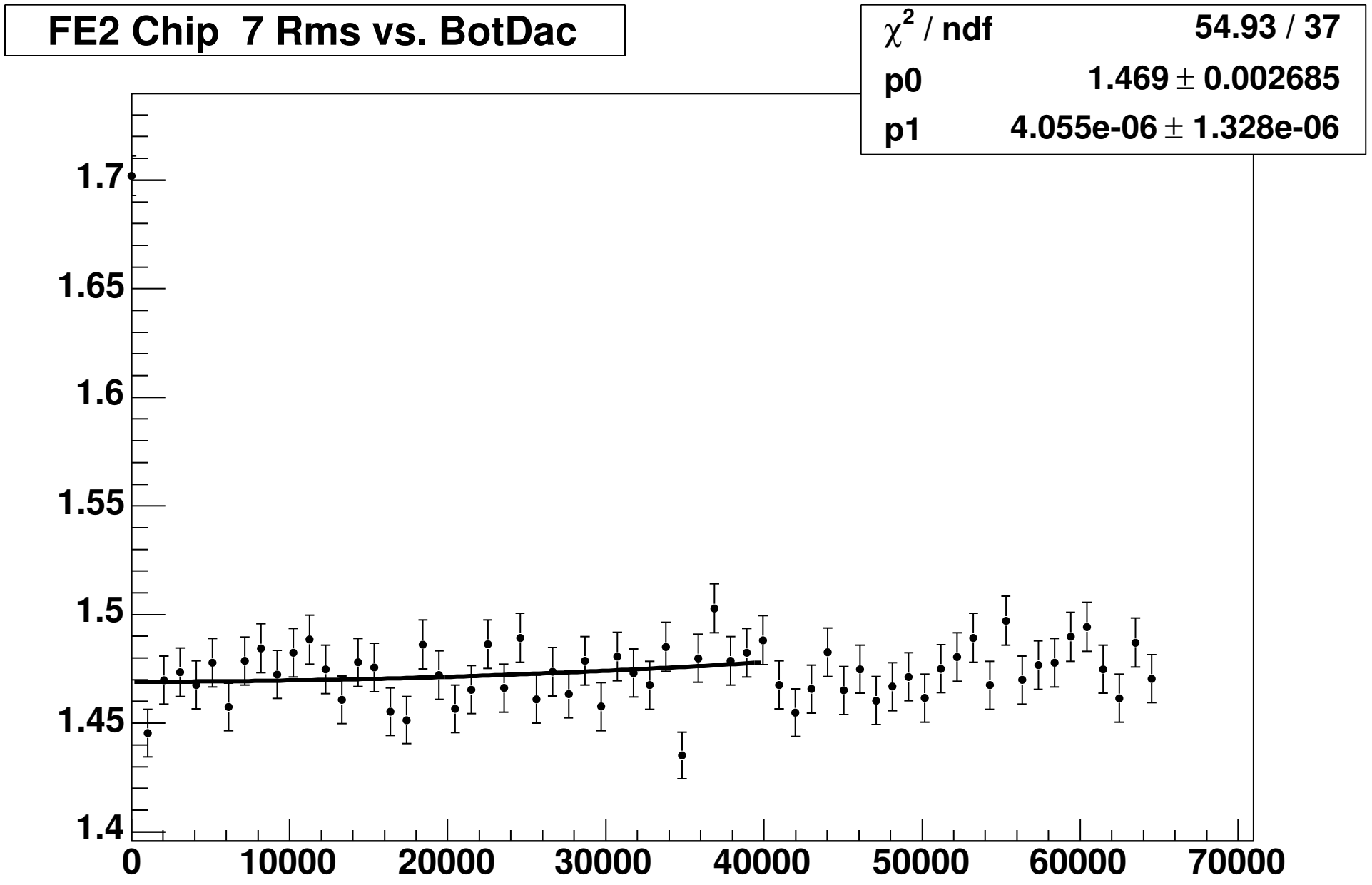
FE2 Chip 7 Rms vs. BotDac
χ² / ndf 54.93 / 37
p0 1.469 ± 0.002685
p1 4.055e-06 ± 1.328e-06
1.7
1.65
1.6
1.55
1.5
1.45
1.4
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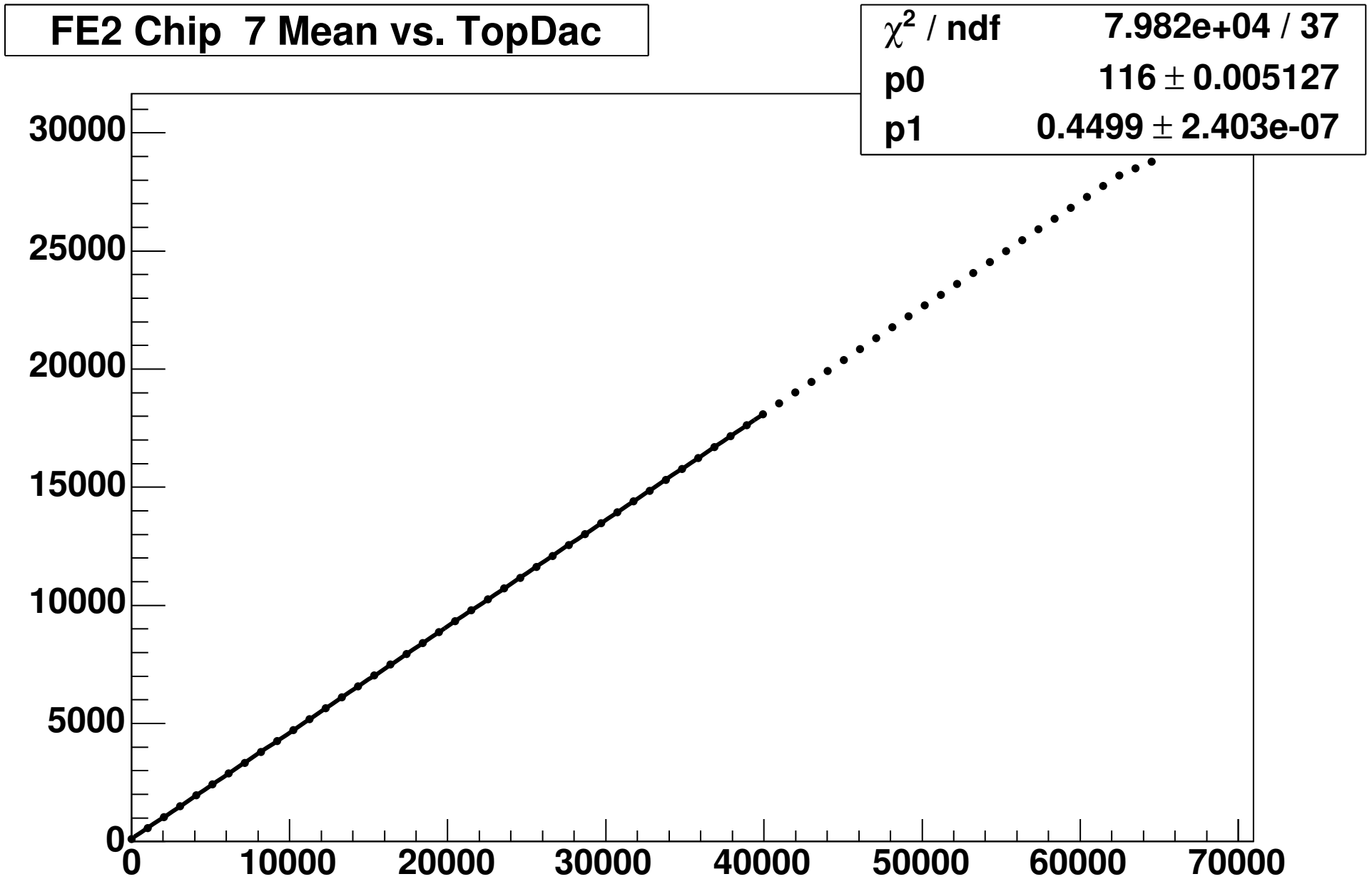
FE2 Chip 7 Mean vs. TopDac
χ² / ndf 7.982e+04 / 37
p0 116 ± 0.005127
p1 0.4499 ± 2.403e-07
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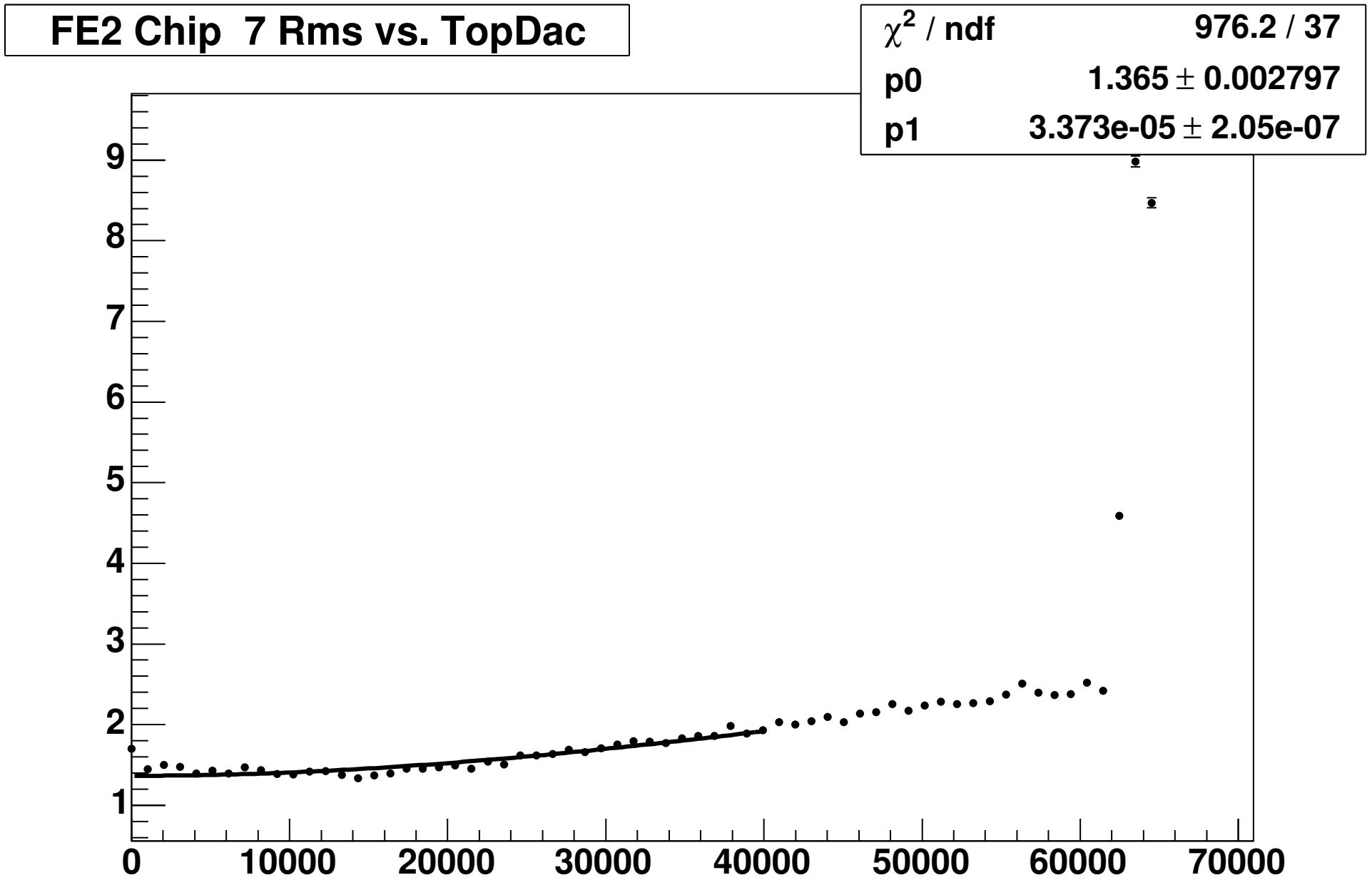
FE2 Chip 7 Rms vs. TopDac
χ² / ndf 976.2 / 37
p0 1.365 ± 0.002797
p1 3.373e-05 ± 2.05e-07
9
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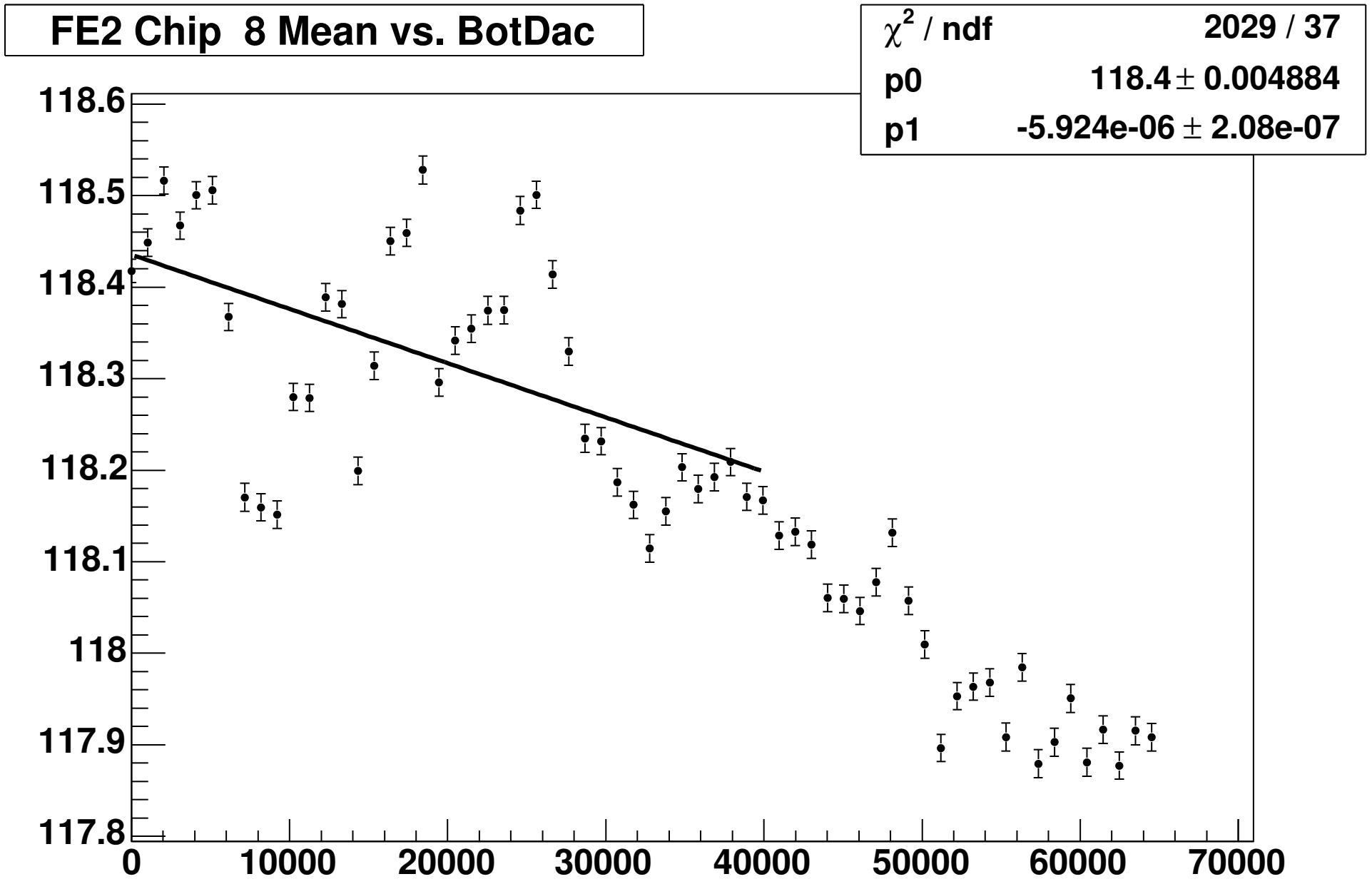
FE2 Chip 8 Mean vs. BotDac
χ² / ndf 2029 / 37
p0 118.4 ± 0.004884
p1 -5.924e-06 ± 2.08e-07
118.6
118.5
118.4
118.3
118.2
118.1
118
117.9
117.8
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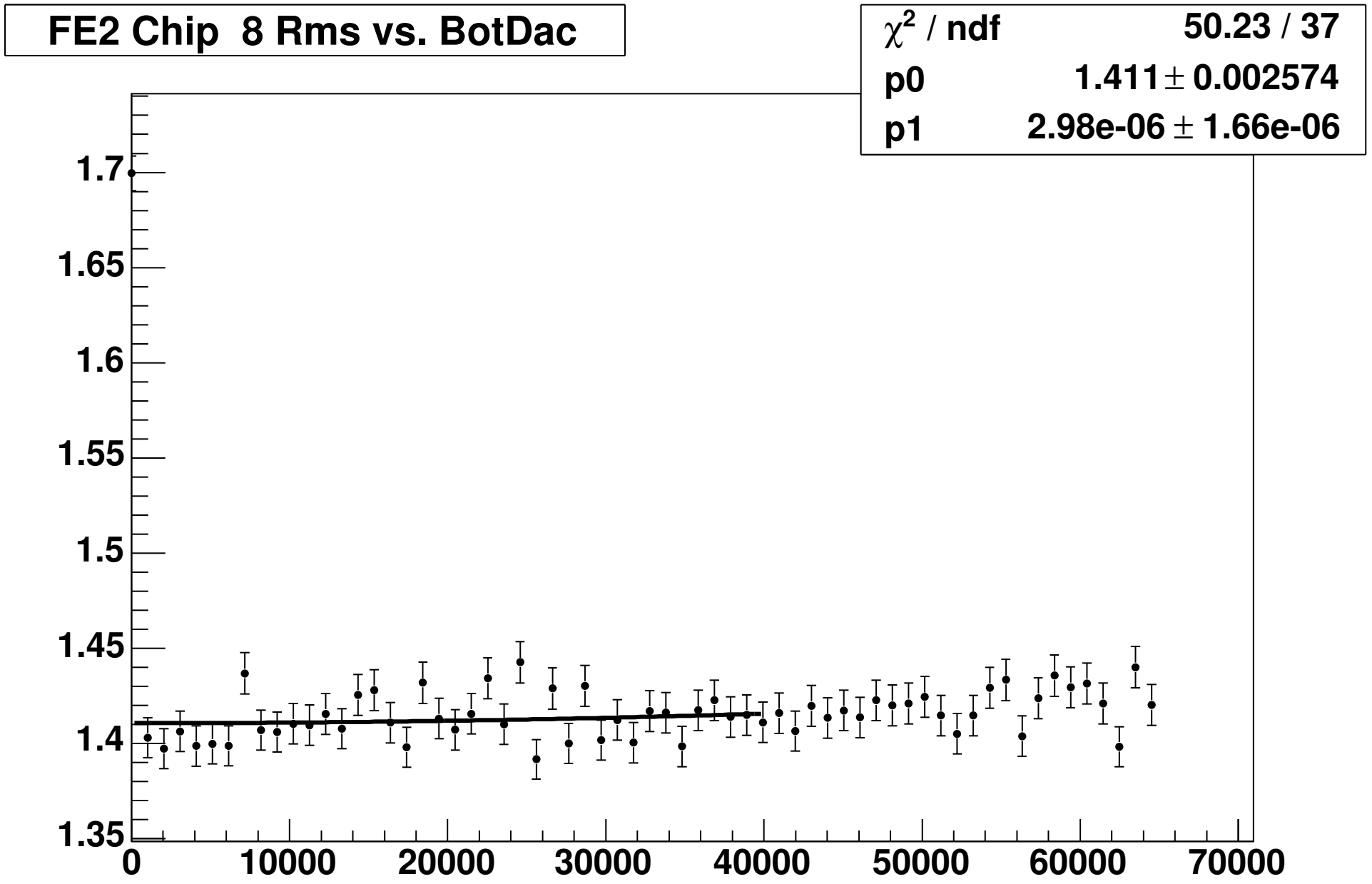
FE2 Chip 8 Rms vs. BotDac
χ² / ndf 50.23 / 37
p0 1.411 ± 0.002574
p1 2.98e-06 ± 1.66e-06
1.7
1.65
1.6
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1.45
1.4
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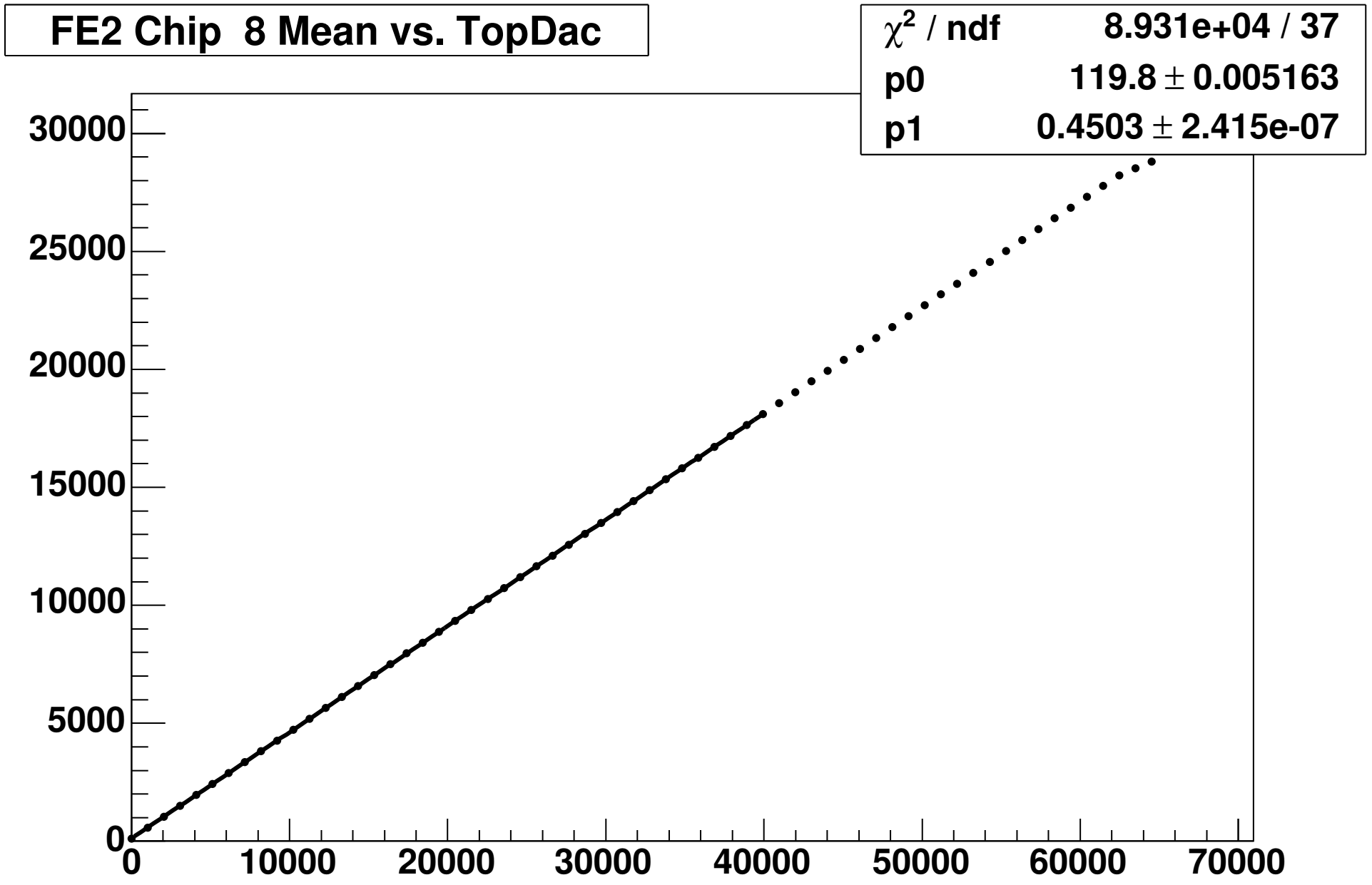
FE2 Chip 8 Mean vs. TopDac
χ² / ndf 8.931e+04 / 37
p0 119.8 ± 0.005163
p1 0.4503 ± 2.415e-07
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5000
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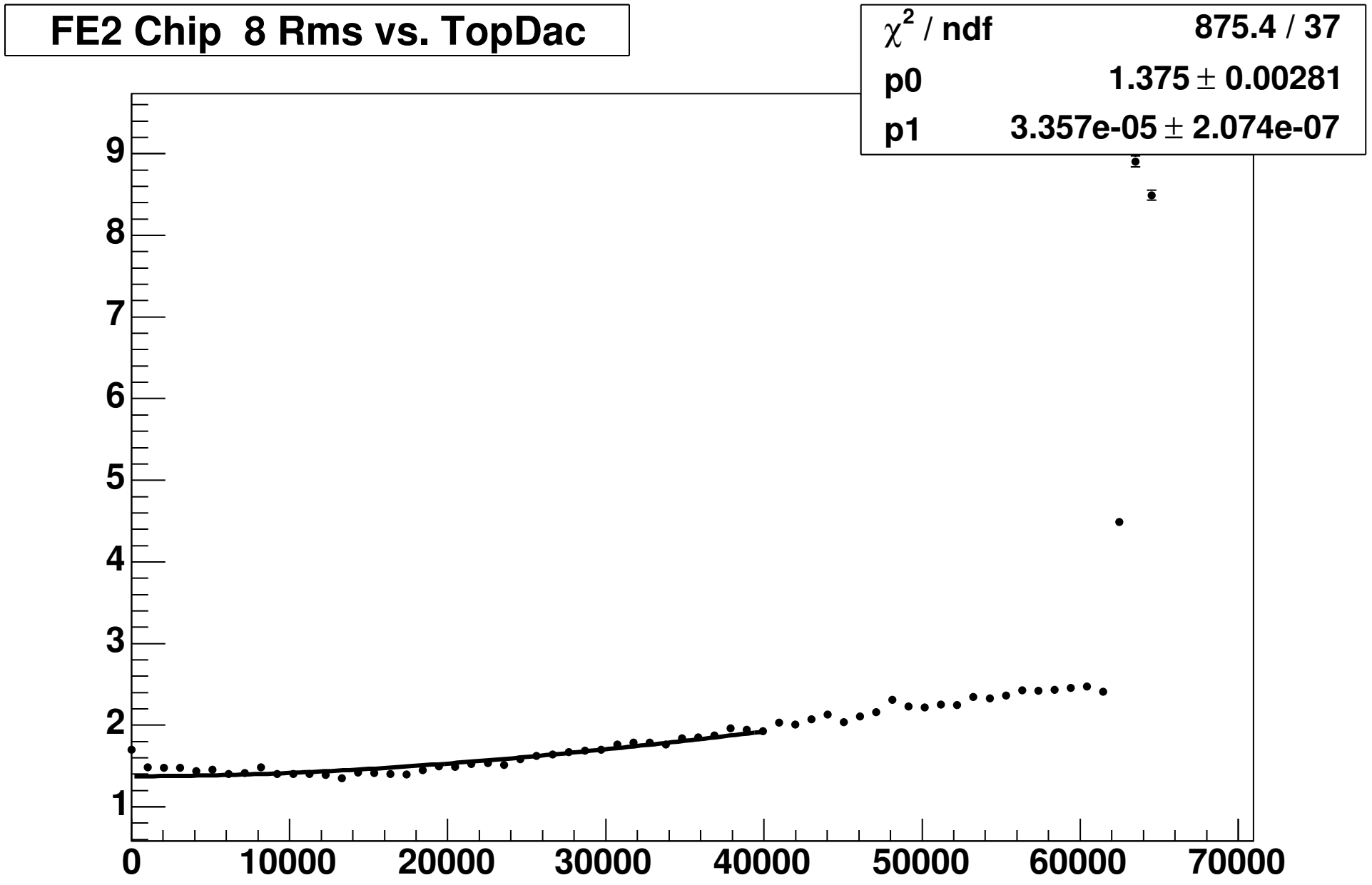
FE2 Chip 8 Rms vs. TopDac
χ² / ndf 875.4 / 37
p0 1.375 ± 0.00281
p1 3.357e-05 ± 2.074e-07
9
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7
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5
4
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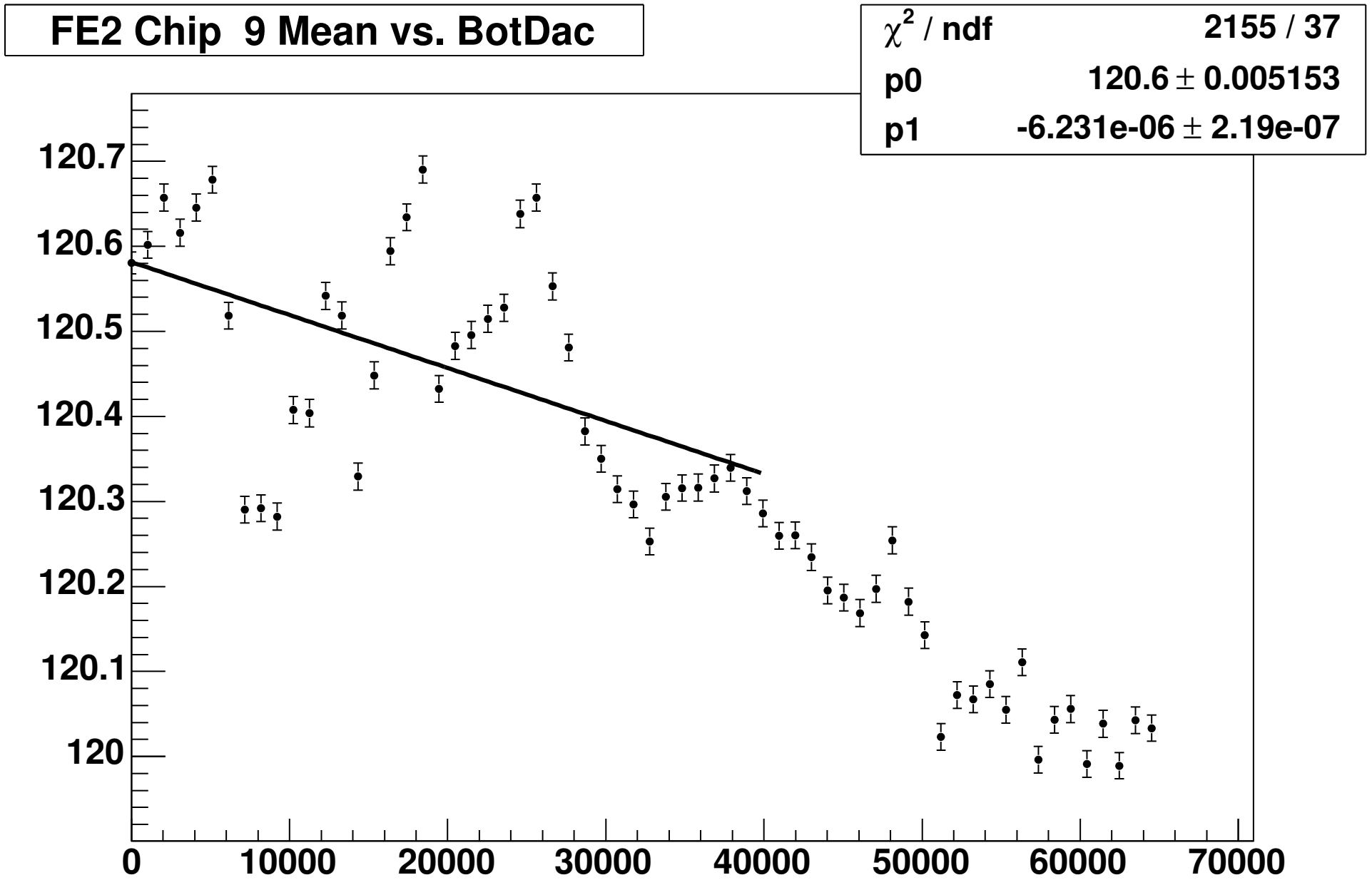
FE2 Chip 9 Mean vs. BotDac
χ² / ndf 2155 / 37
p0 120.6 ± 0.005153
p1 -6.231e-06 ± 2.19e-07
120.7
120.6
120.5
120.4
120.3
120.2
120.1
120
0
10000
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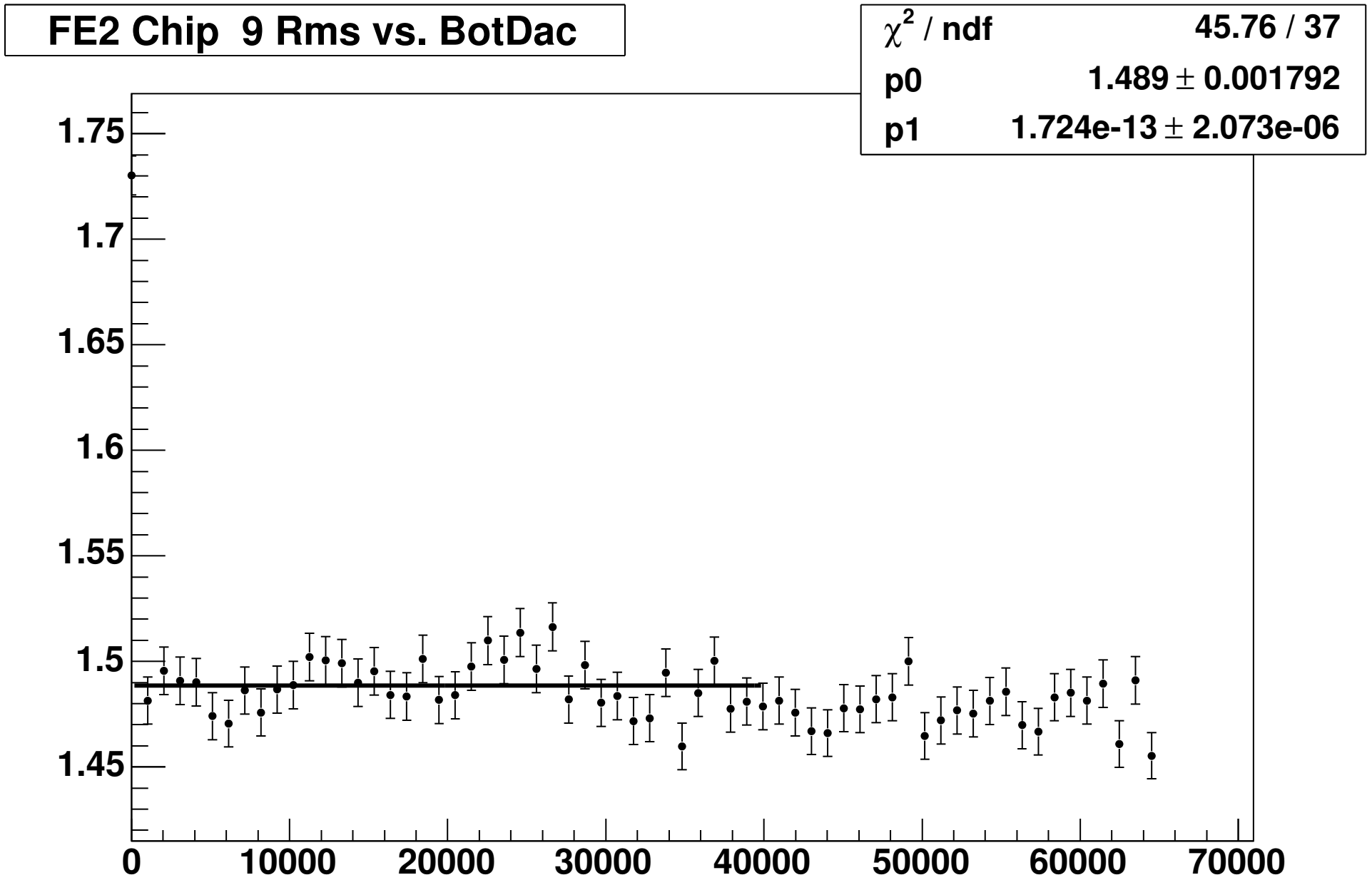
FE2 Chip 9 Rms vs. BotDac
χ² / ndf 45.76 / 37
p0 1.489 ± 0.001792
p1 1.724e-13 ± 2.073e-06
1.75
1.7
1.65
1.6
1.55
1.5
1.45
0
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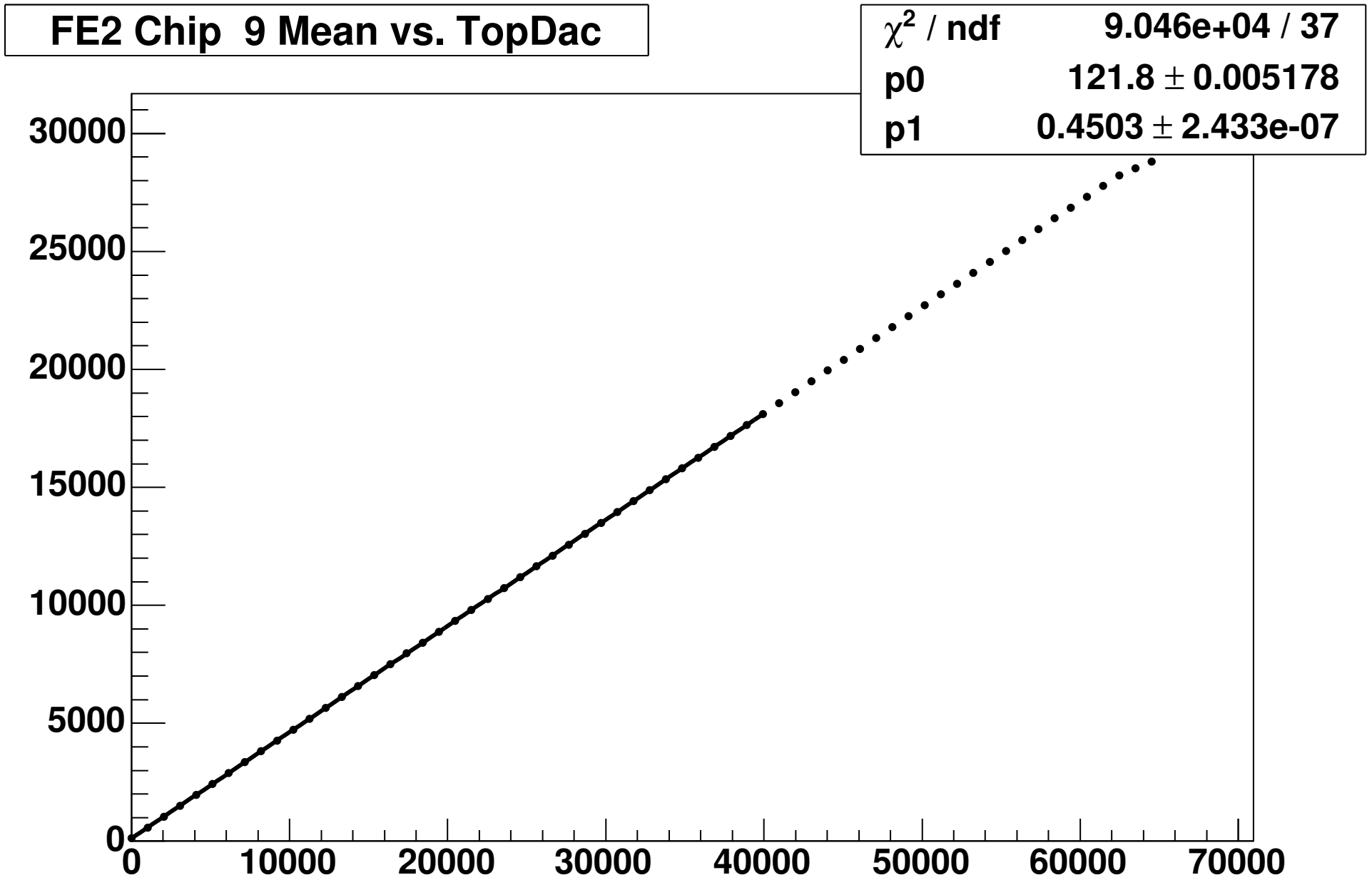
FE2 Chip 9 Mean vs. TopDac
χ² / ndf 9.046e+04 / 37
p0 121.8 ± 0.005178
p1 0.4503 ± 2.433e-07
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20000
15000
10000
5000
0
0
10000
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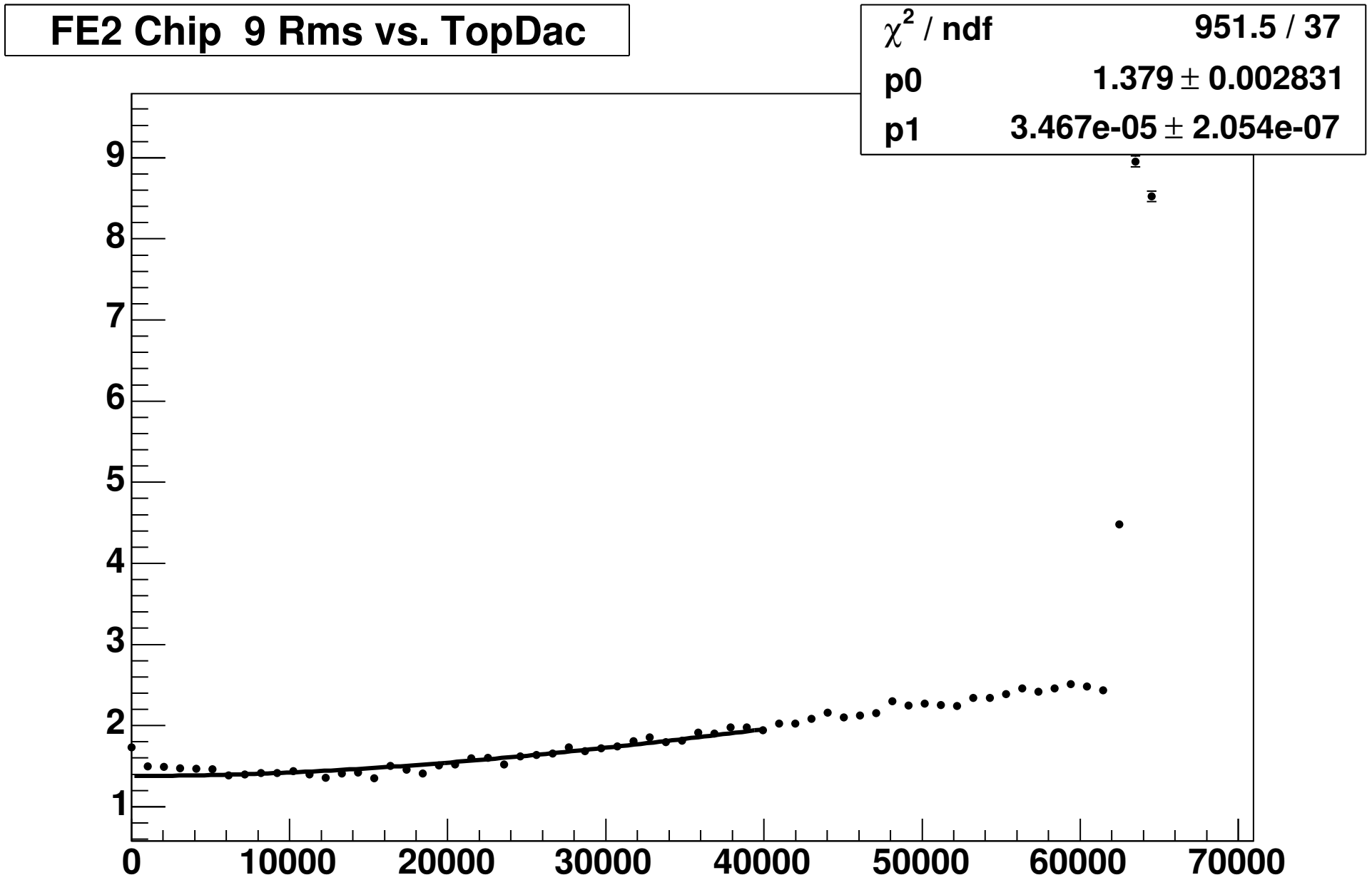
FE2 Chip 9 Rms vs. TopDac
χ² / ndf 951.5 / 37
p0 1.379 ± 0.002831
p1 3.467e-05 ± 2.054e-07
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5
4
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0
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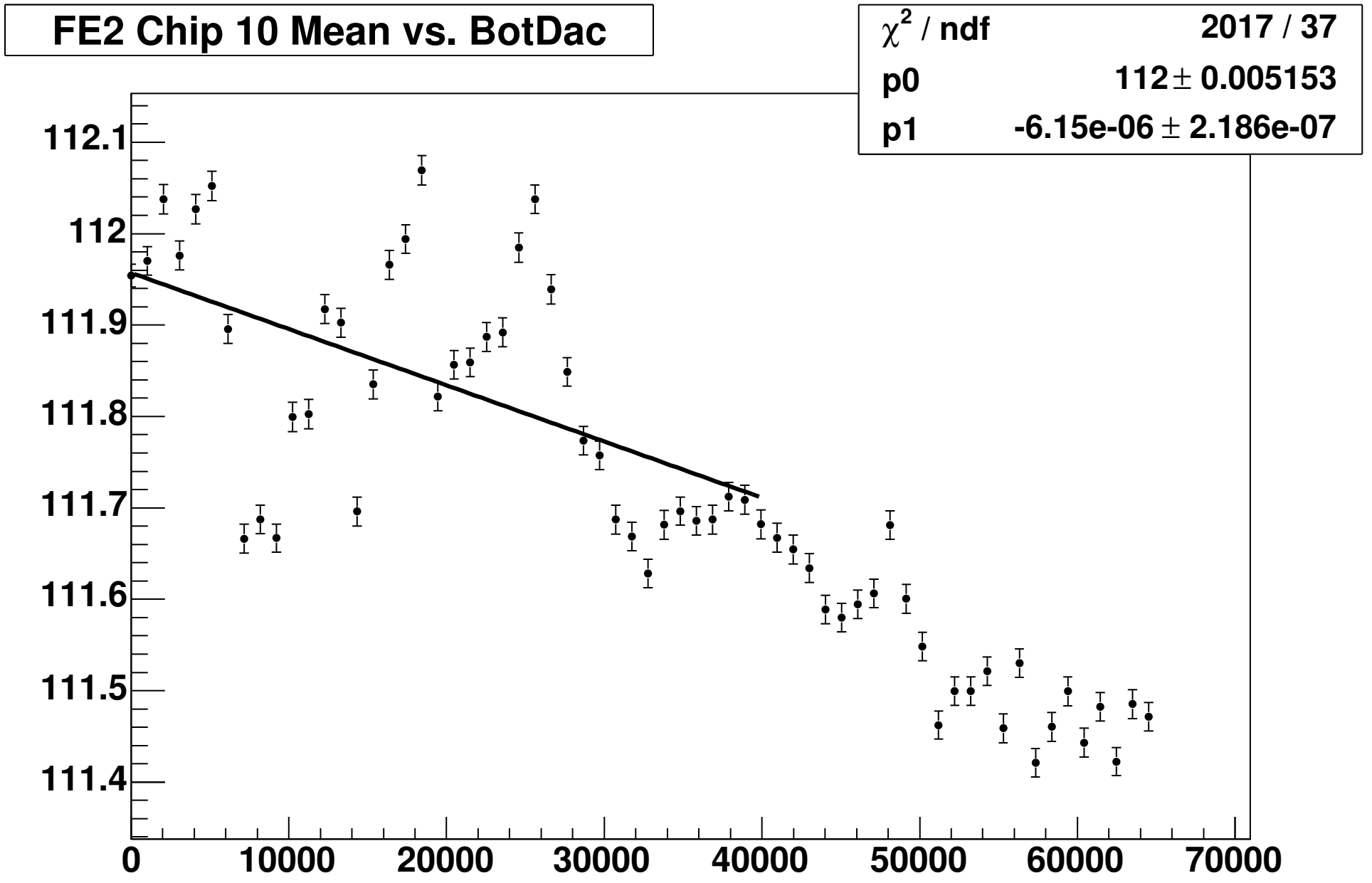
FE2 Chip 10 Mean vs. BotDac
χ² / ndf 2017 / 37
p0 112 ± 0.005153
p1 -6.15e-06 ± 2.186e-07
112.1
112
111.9
111.8
111.7
111.6
111.5
111.4
0
10000
20000
30000
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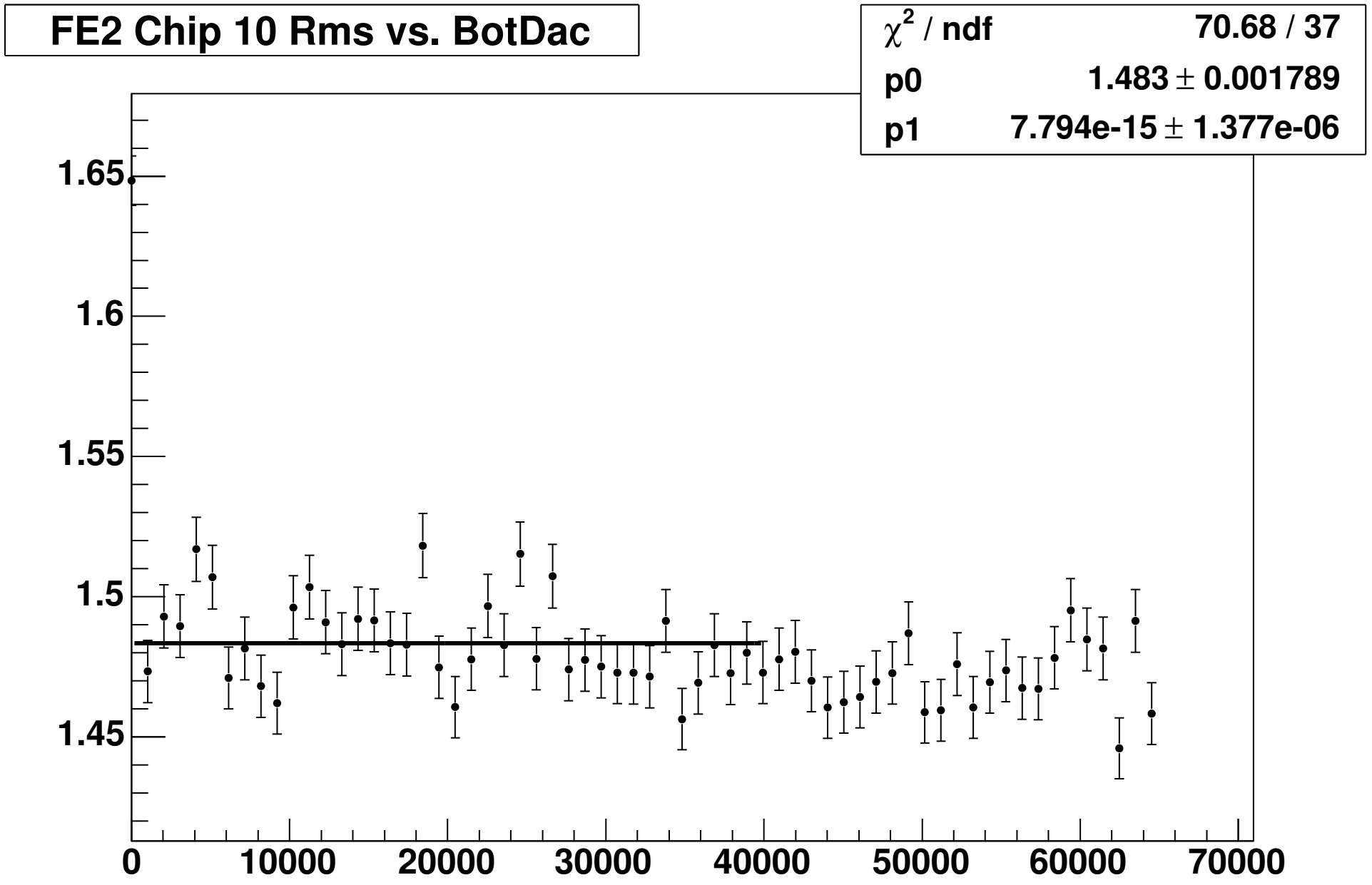
FE2 Chip 10 Rms vs. BotDac
χ² / ndf 70.68 / 37
p0 1.483 ± 0.001789
p1 7.794e-15 ± 1.377e-06
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1.6
1.55
1.5
1.45
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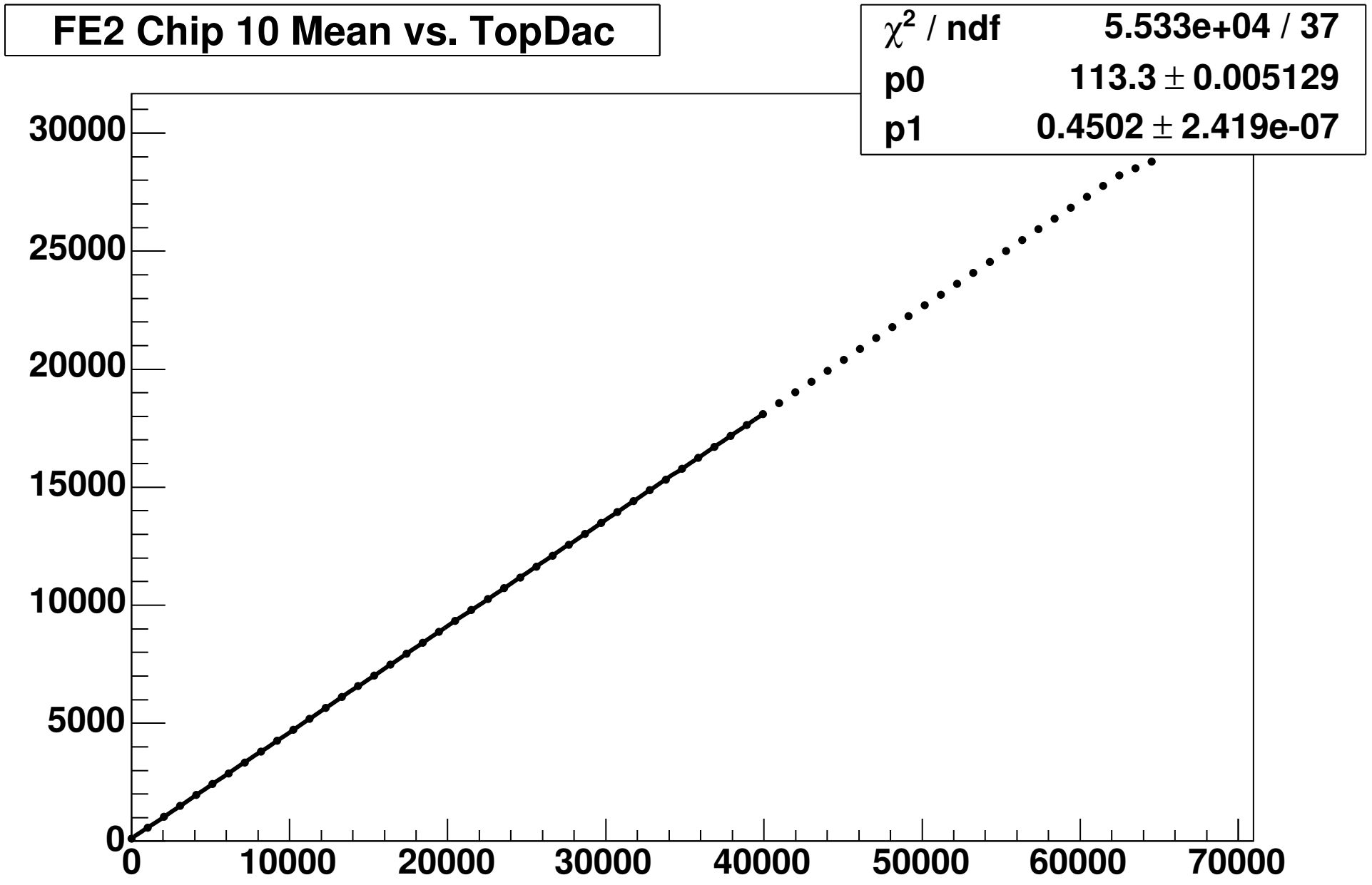
FE2 Chip 10 Mean vs. TopDac
χ² / ndf 5.533e+04 / 37
p0 113.3 ± 0.005129
p1 0.4502 ± 2.419e-07
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15000
10000
5000
0
0
10000
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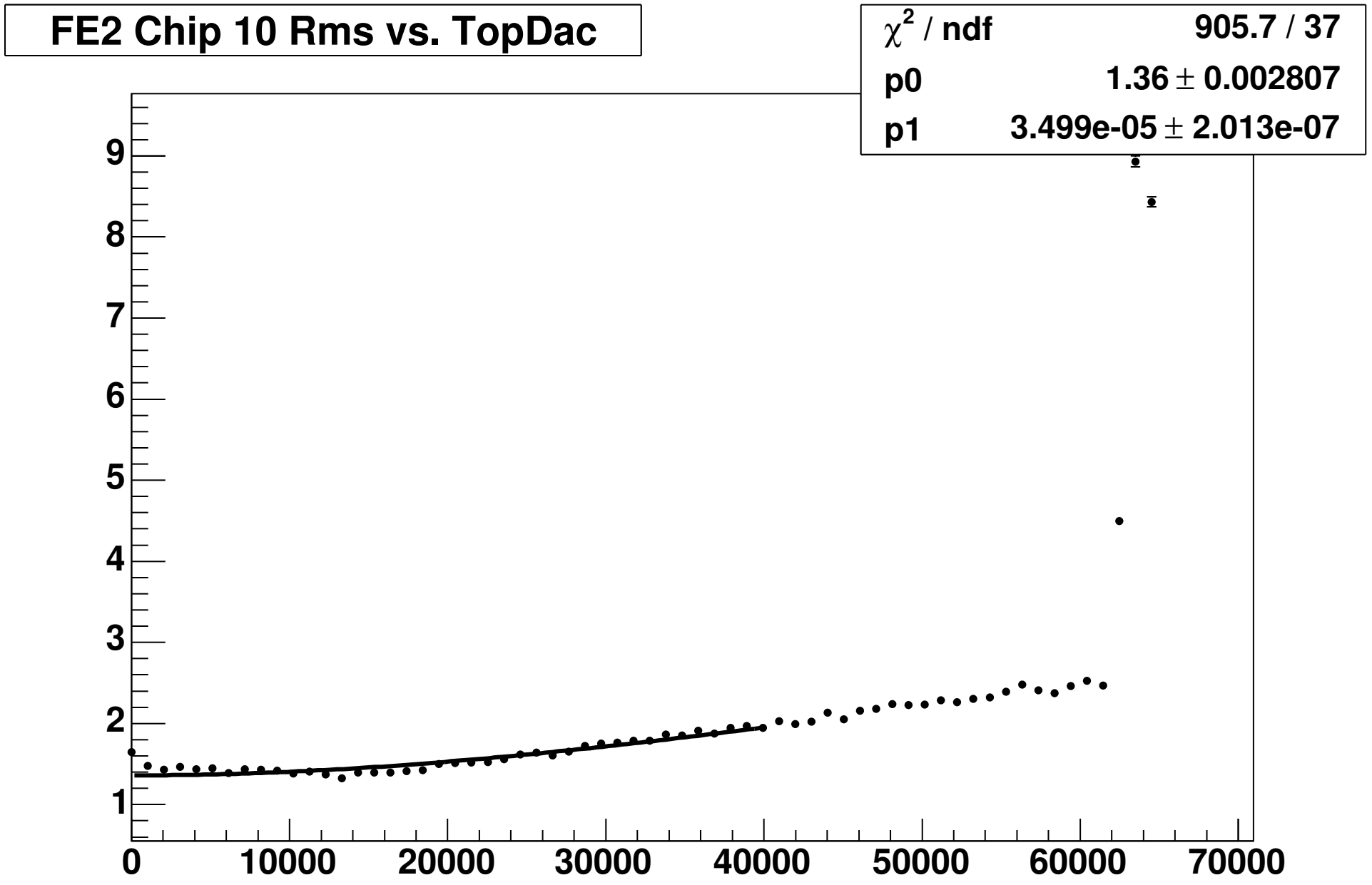
FE2 Chip 10 Rms vs. TopDac
χ² / ndf 905.7 / 37
p0 1.36 ± 0.002807
p1 3.499e-05 ± 2.013e-07
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7
6
5
4
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1
0
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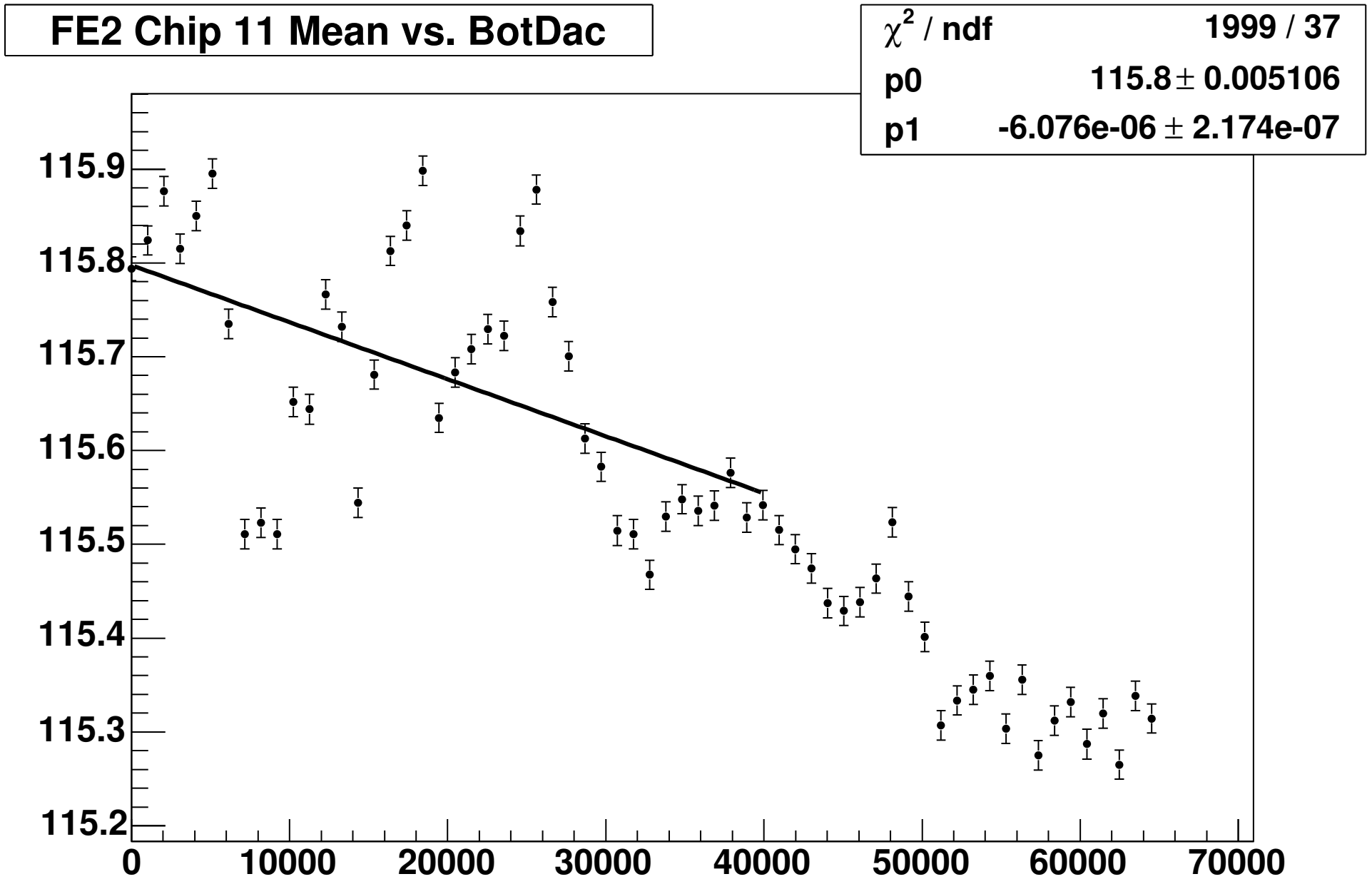
FE2 Chip 11 Mean vs. BotDac
χ² / ndf 1999 / 37
p0 115.8 ± 0.005106
p1 -6.076e-06 ± 2.174e-07
115.9
115.8
115.7
115.6
115.5
115.4
115.3
115.2
0
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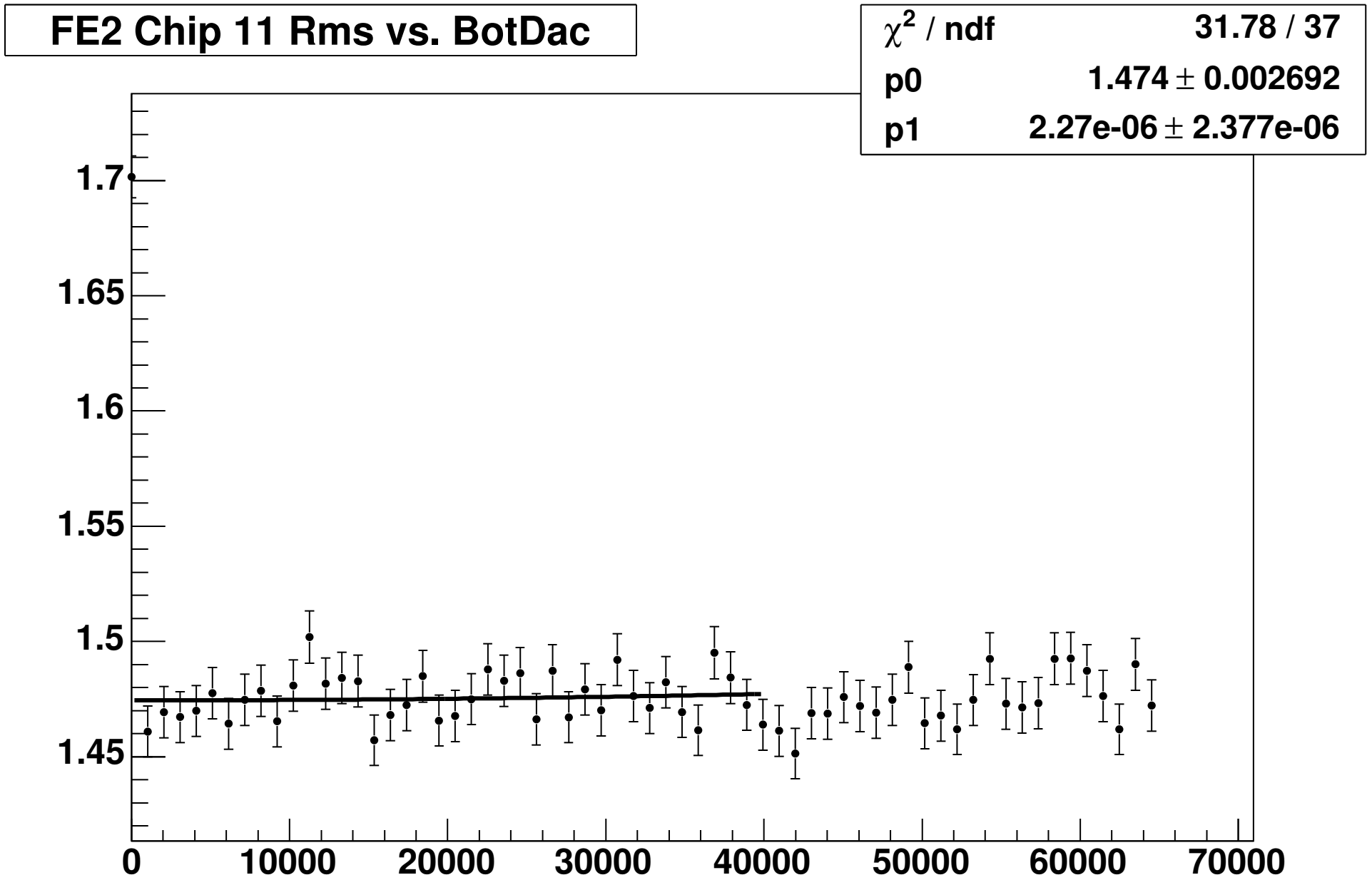
FE2 Chip 11 Rms vs. BotDac
χ² / ndf 31.78 / 37
p0 1.474 ± 0.002692
p1 2.27e-06 ± 2.377e-06
1.7
1.65
1.6
1.55
1.5
1.45
0
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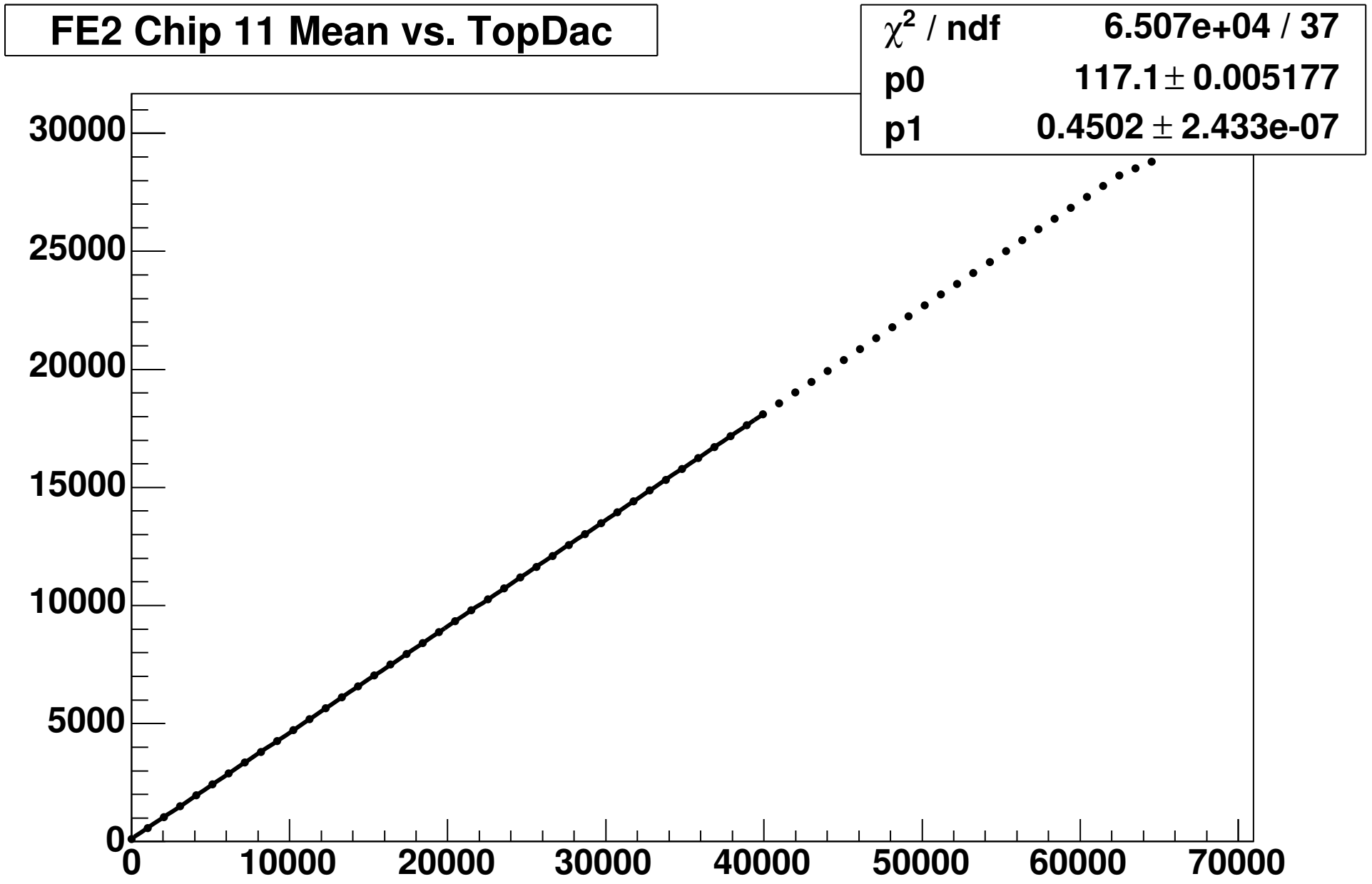
FE2 Chip 11 Mean vs. TopDac
χ² / ndf 6.507e+04 / 37
p0 117.1 ± 0.005177
p1 0.4502 ± 2.433e-07
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10000
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30000
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50000
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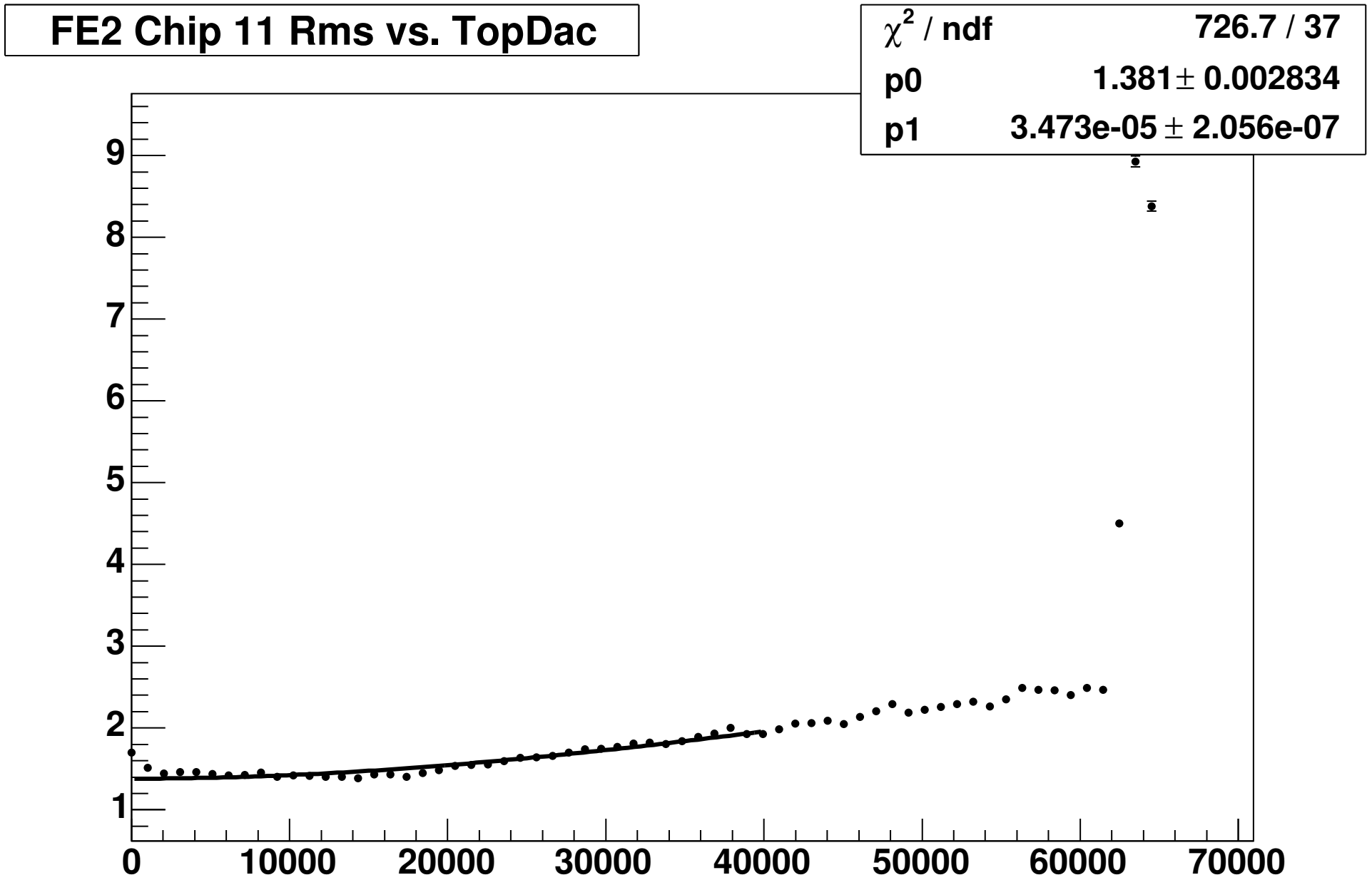
FE2 Chip 11 Rms vs. TopDac
χ² / ndf 726.7 / 37
p0 1.381 ± 0.002834
p1 3.473e-05 ± 2.056e-07
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7
6
5
4
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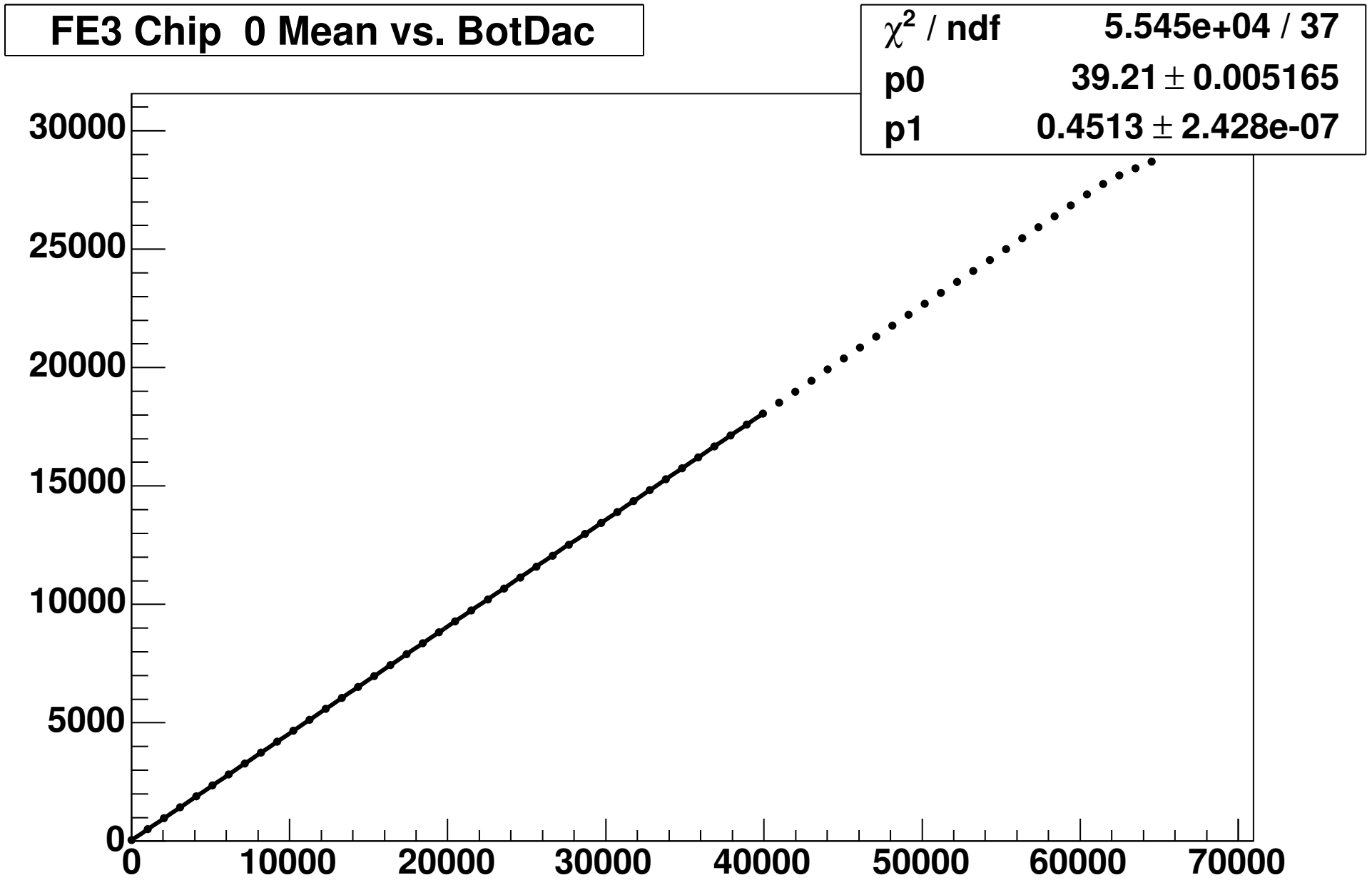
FE3 Chip 0 Mean vs. BotDac
χ² / ndf 5.545e+04 / 37
p0 39.21 ± 0.005165
p1 0.4513 ± 2.428e-07
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20000
15000
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0
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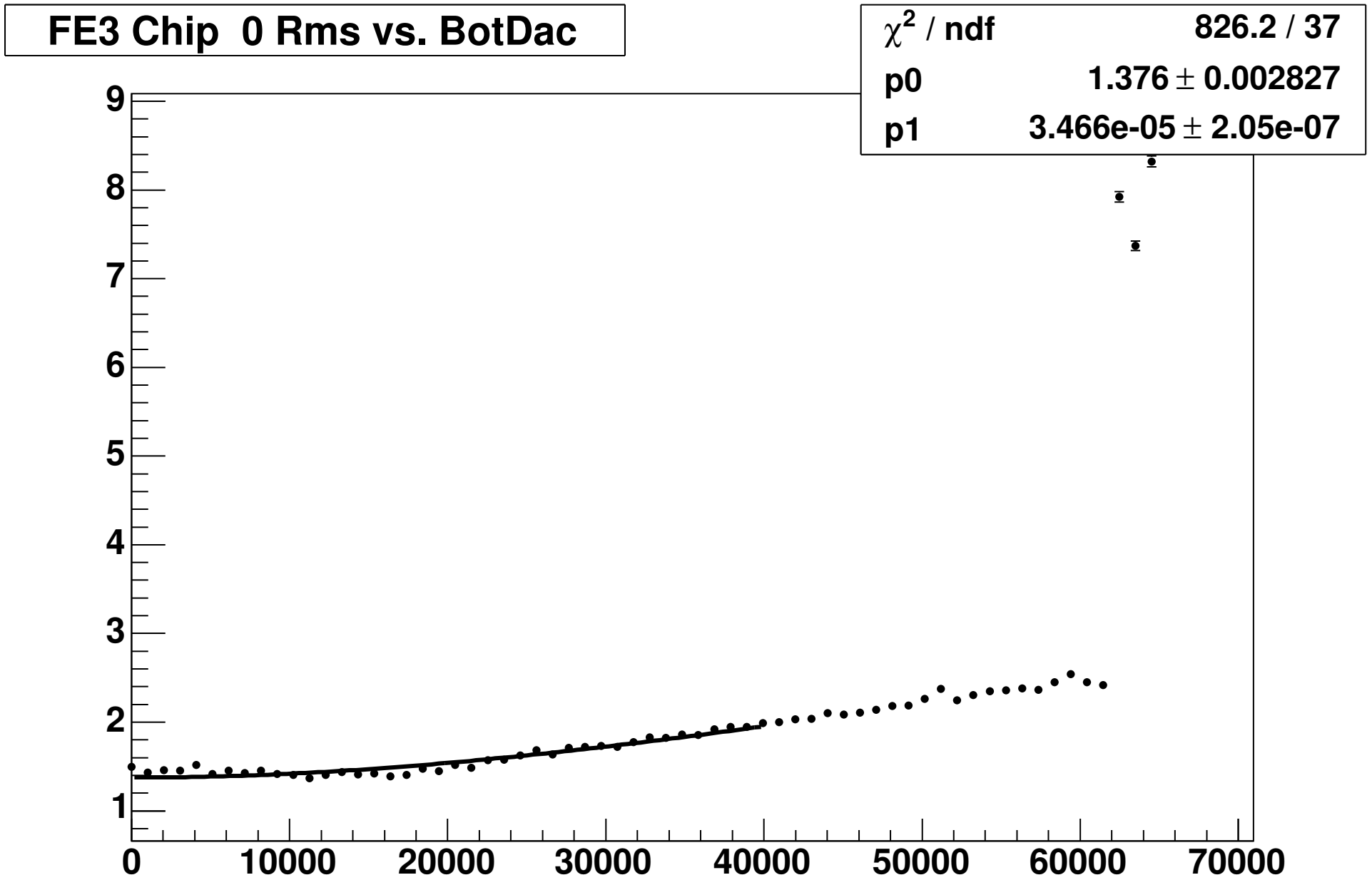
FE3 Chip 0 Rms vs. BotDac
χ² / ndf 826.2 / 37
p0 1.376 ± 0.002827
p1 3.466e-05 ± 2.05e-07
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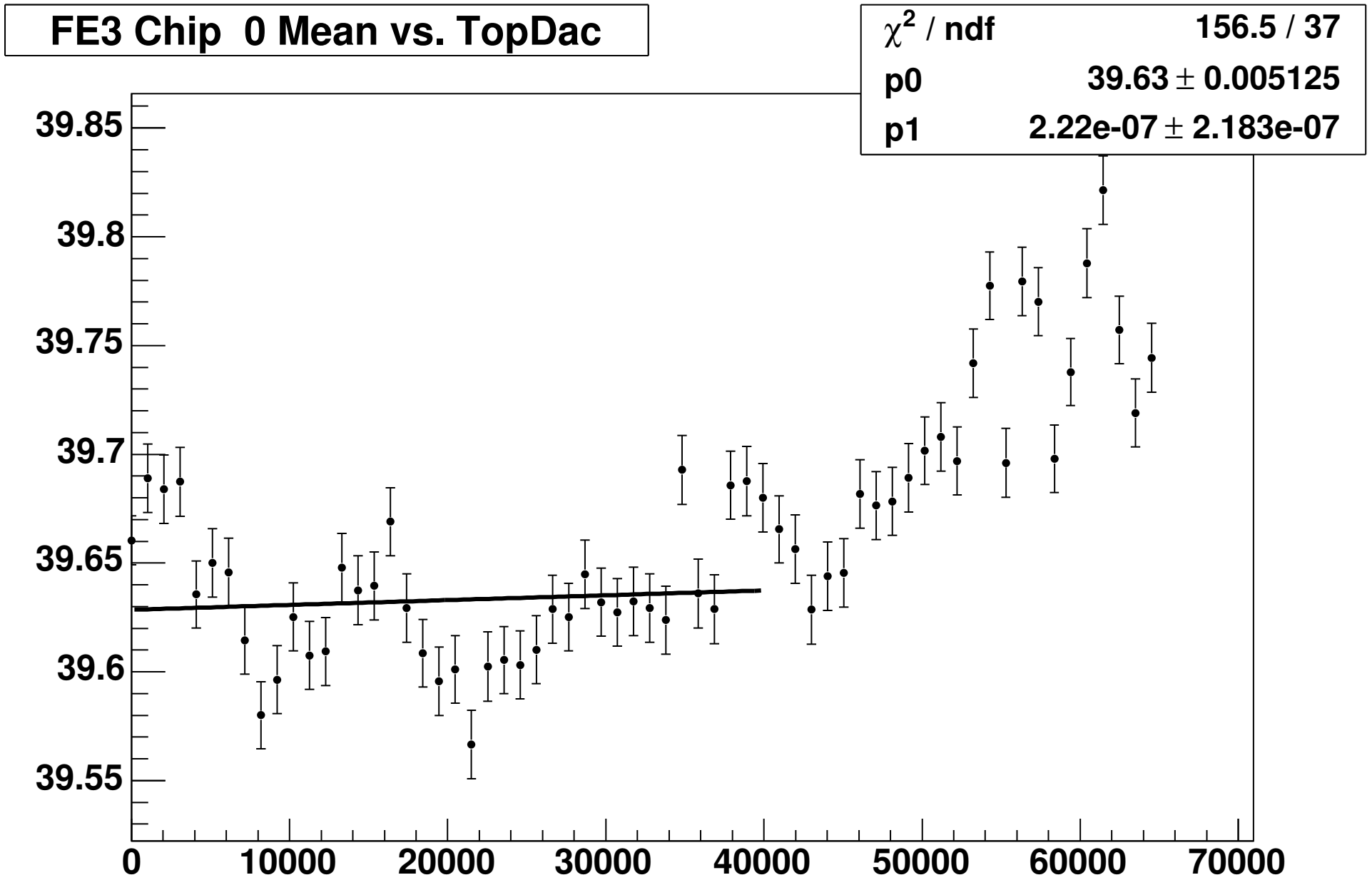
FE3 Chip 0 Mean vs. TopDac
χ² / ndf 156.5 / 37
p0 39.63 ± 0.005125
p1 2.22e-07 ± 2.183e-07
39.85
39.8
39.75
39.7
39.65
39.6
39.55
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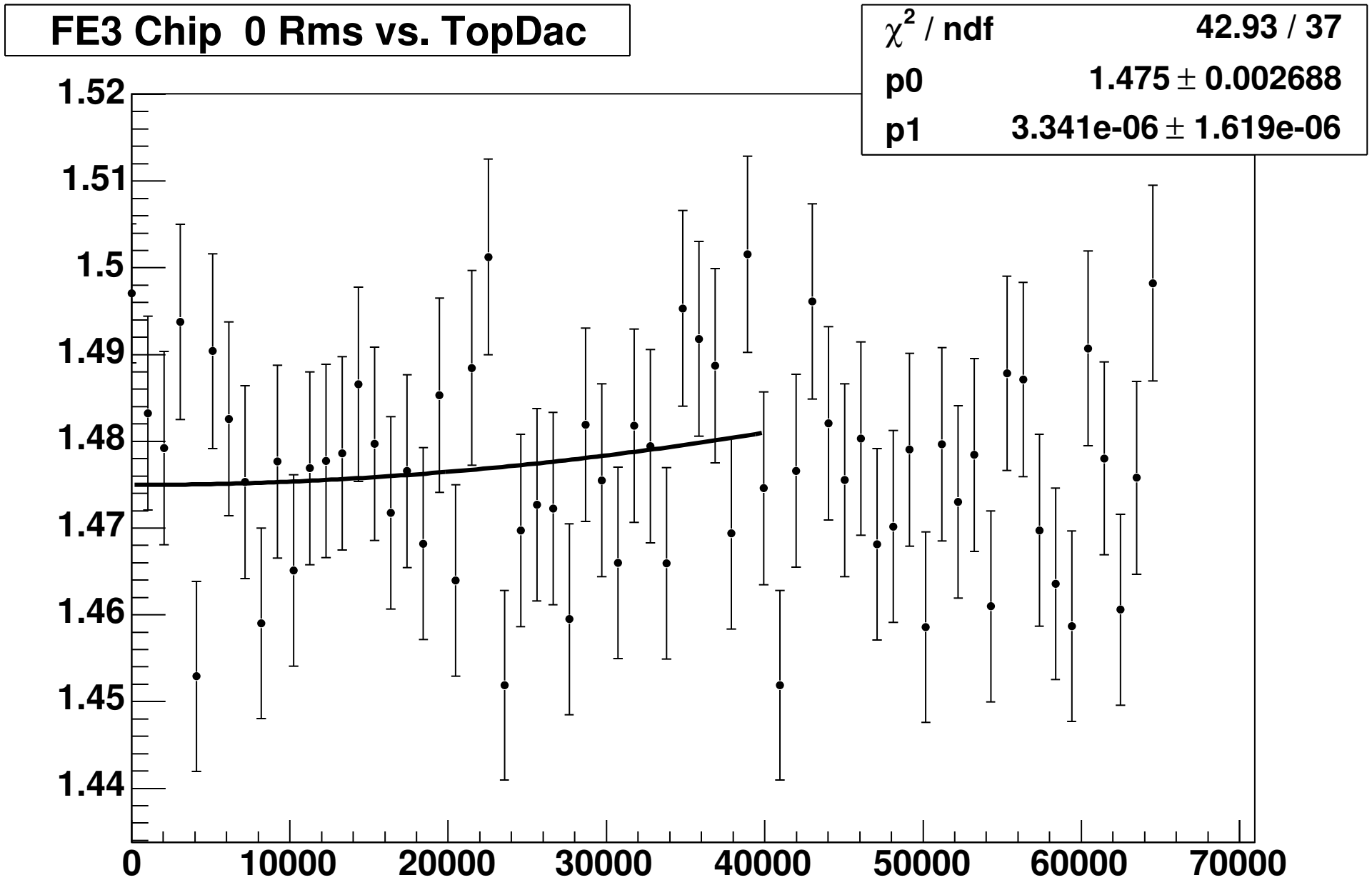
FE3 Chip 0 Rms vs. TopDac
χ² / ndf 42.93 / 37
p0 1.475 ± 0.002688
p1 3.341e-06 ± 1.619e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
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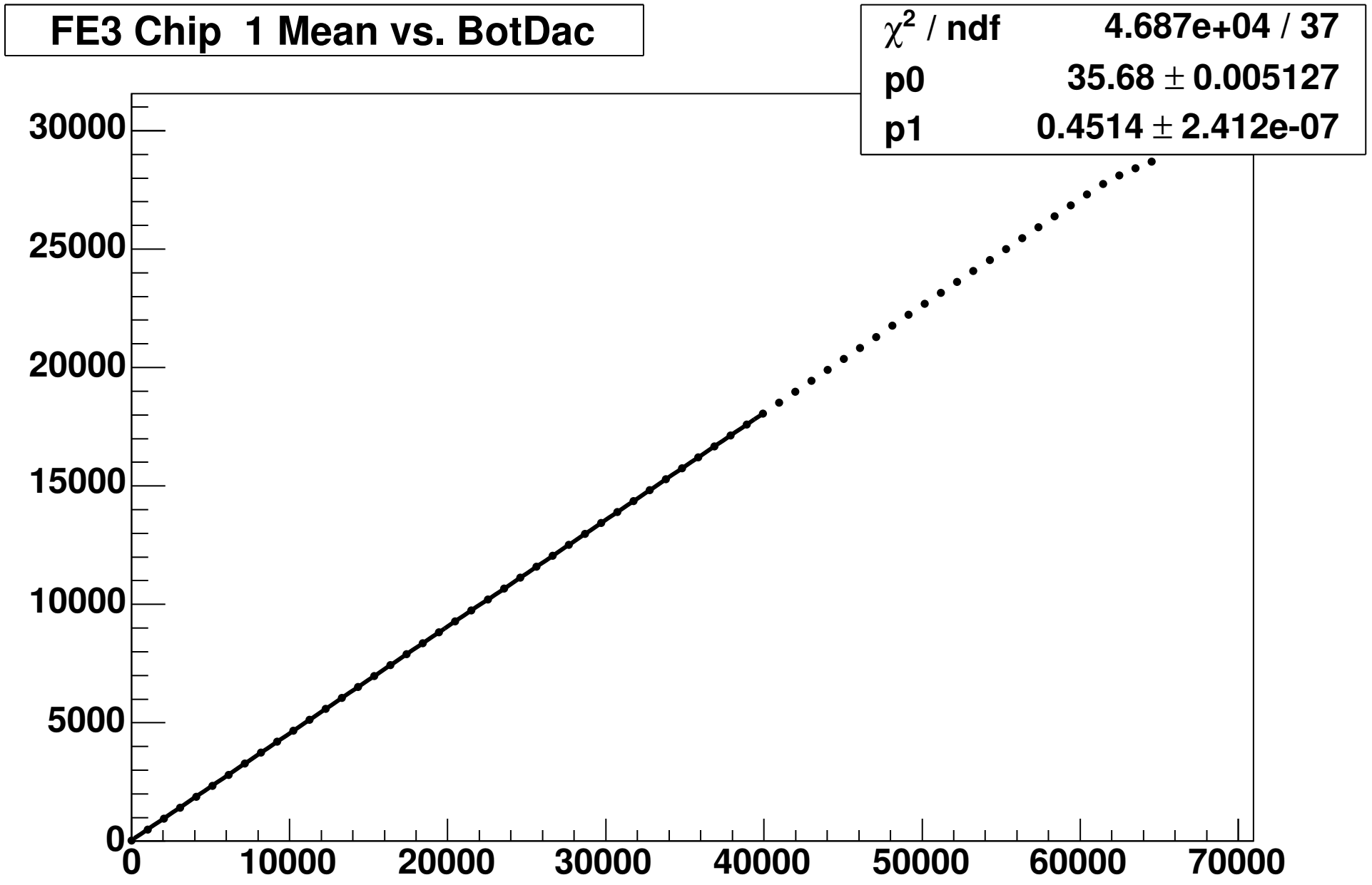
FE3 Chip 1 Mean vs. BotDac
χ² / ndf 4.687e+04 / 37
p0 35.68 ± 0.005127
p1 0.4514 ± 2.412e-07
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10000
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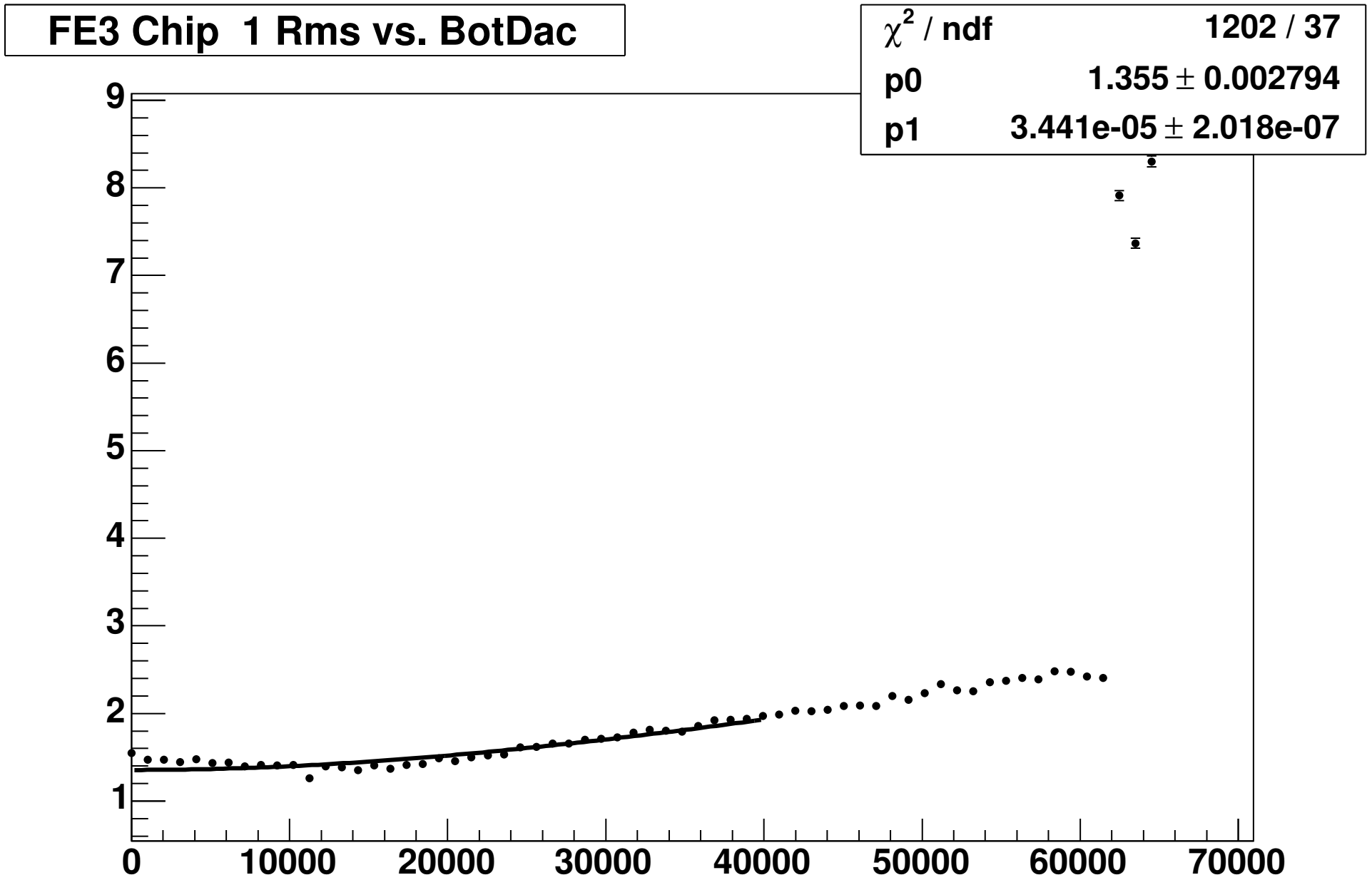
FE3 Chip 1 Rms vs. BotDac
χ² / ndf 1202 / 37
p0 1.355 ± 0.002794
p1 3.441e-05 ± 2.018e-07
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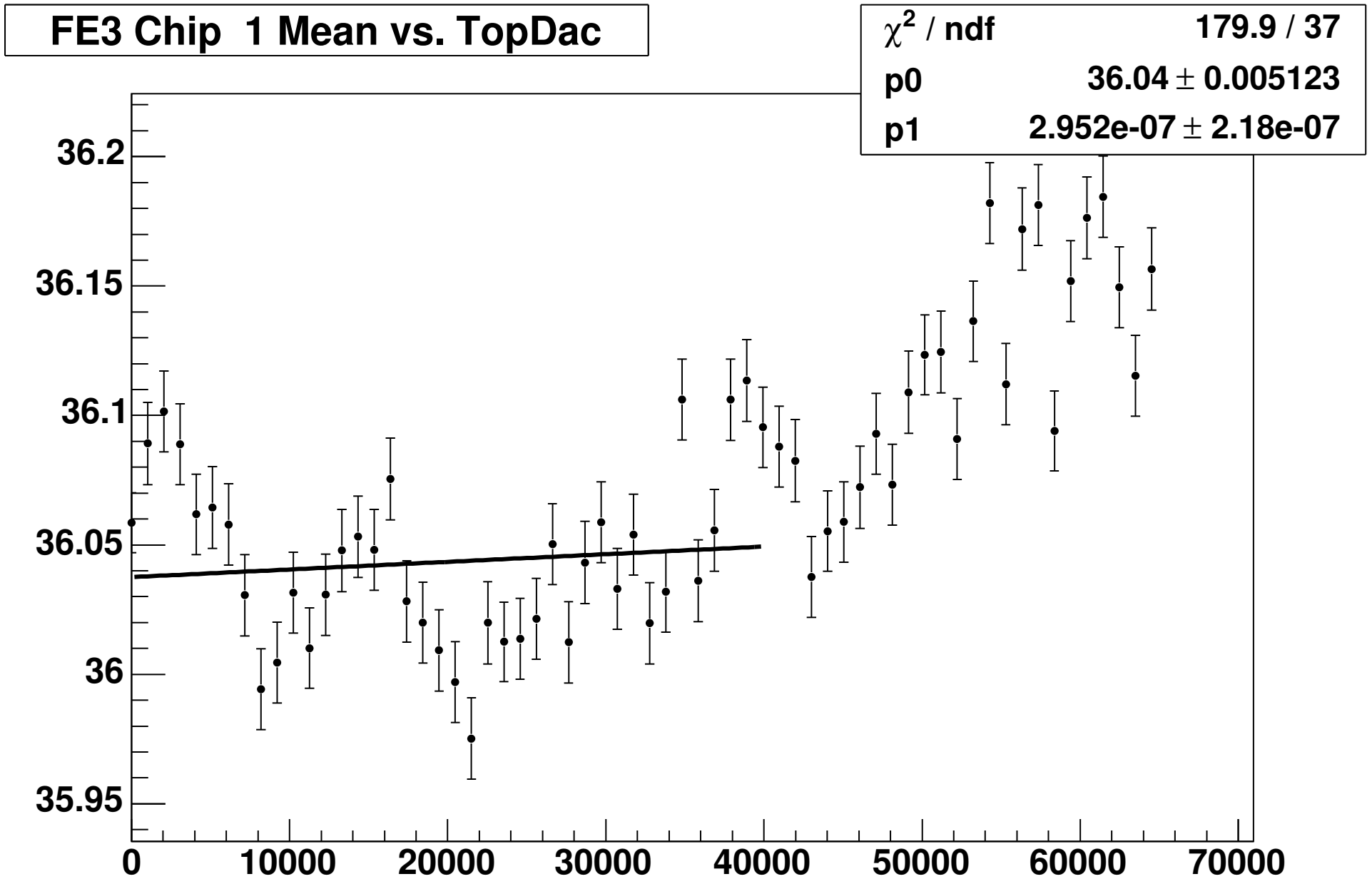
FE3 Chip 1 Mean vs. TopDac
χ² / ndf 179.9 / 37
p0 36.04 ± 0.005123
p1 2.952e-07 ± 2.18e-07
36.2
36.15
36.1
36.05
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35.95
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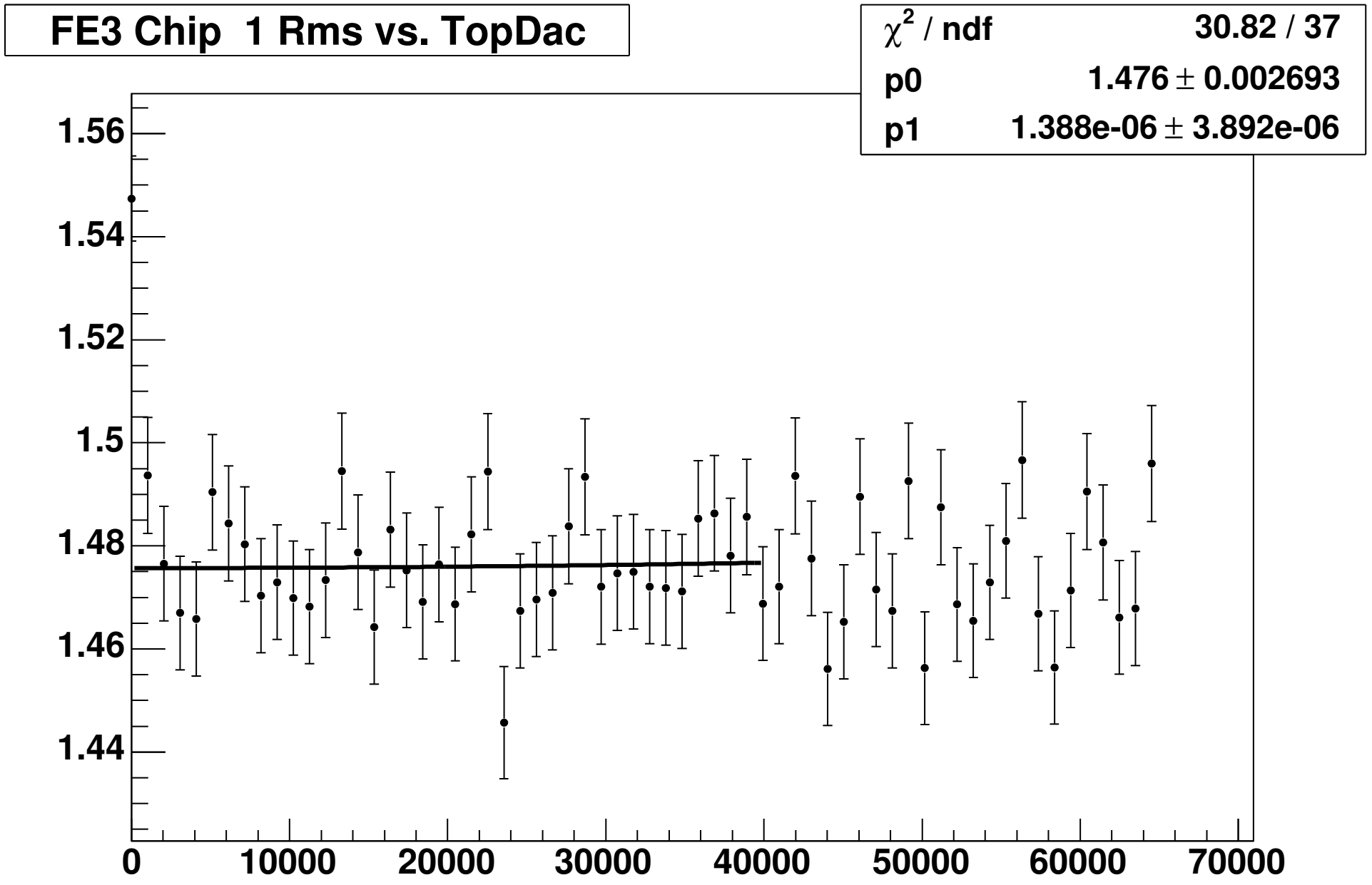
FE3 Chip 1 Rms vs. TopDac
χ² / ndf 30.82 / 37
p0 1.476 ± 0.002693
p1 1.388e-06 ± 3.892e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
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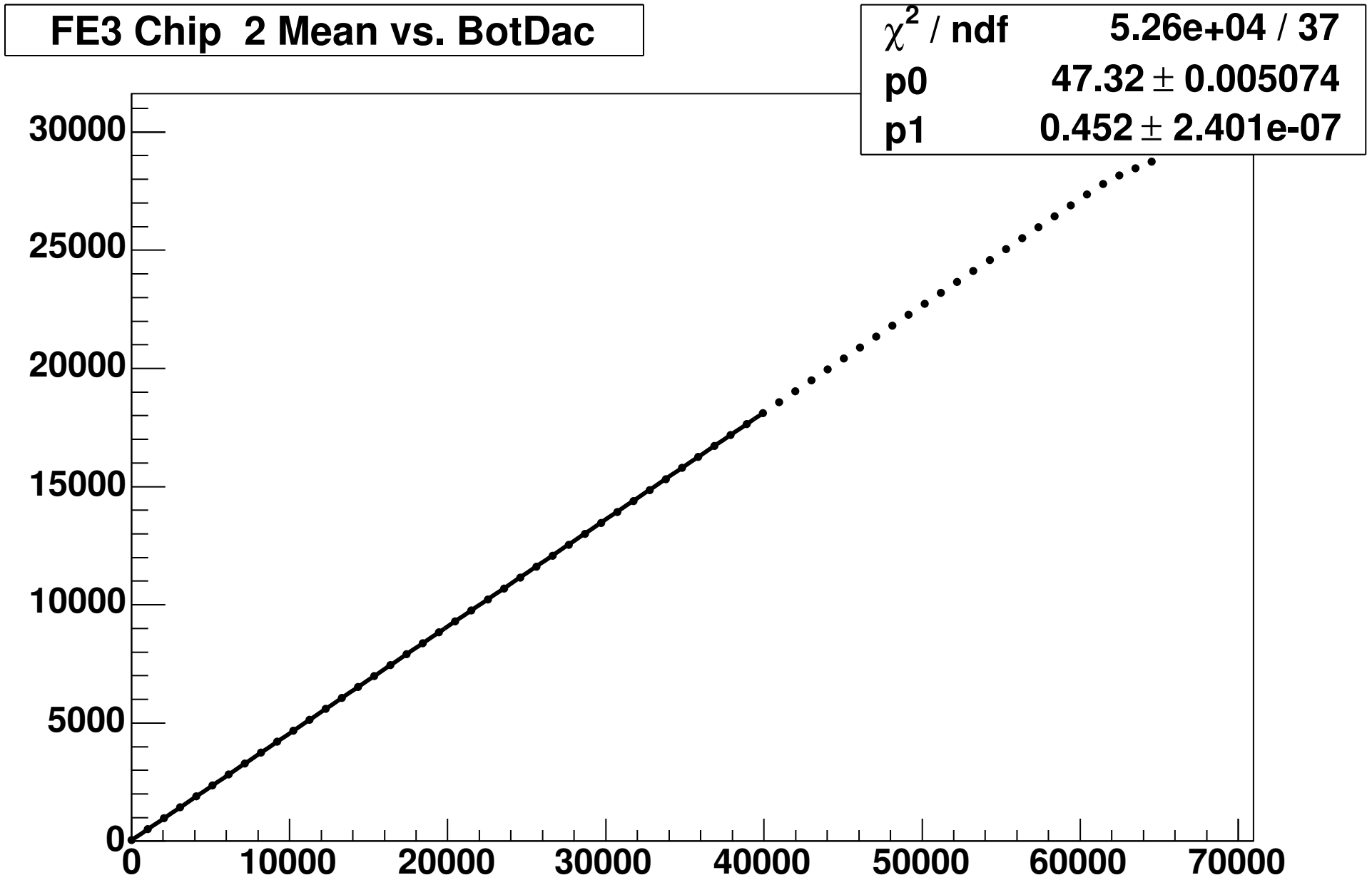
FE3 Chip 2 Mean vs. BotDac
χ^2 / ndf 5.26e+04 / 37
p0 47.32 ± 0.005074
p1 0.452 ± 2.401e-07
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15000
10000
5000
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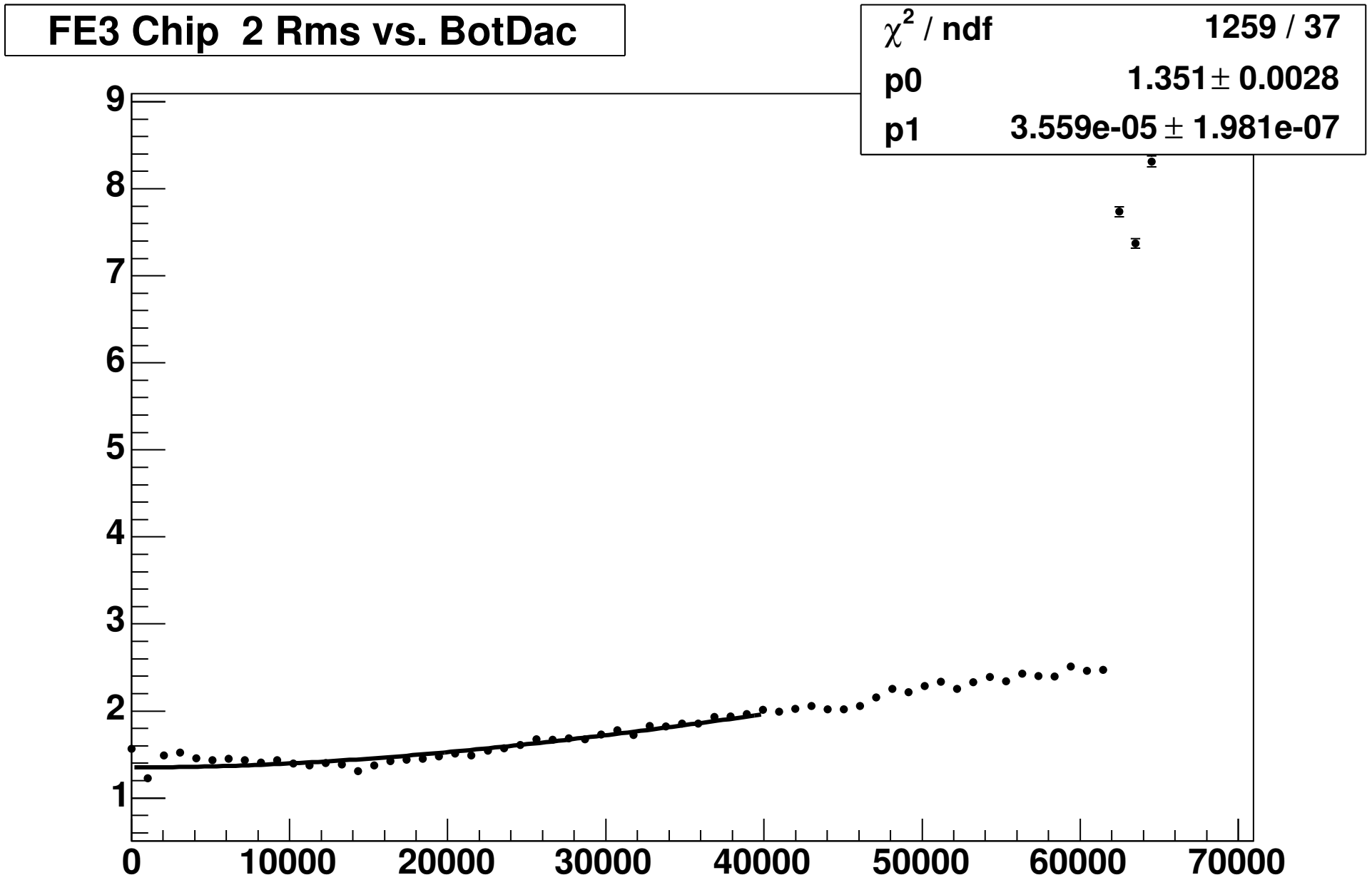
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 2 Rms vs. BotDac
χ² / ndf 1259 / 37
p0 1.351 ± 0.0028
p1 3.559e-05 ± 1.981e-07
9
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5
4
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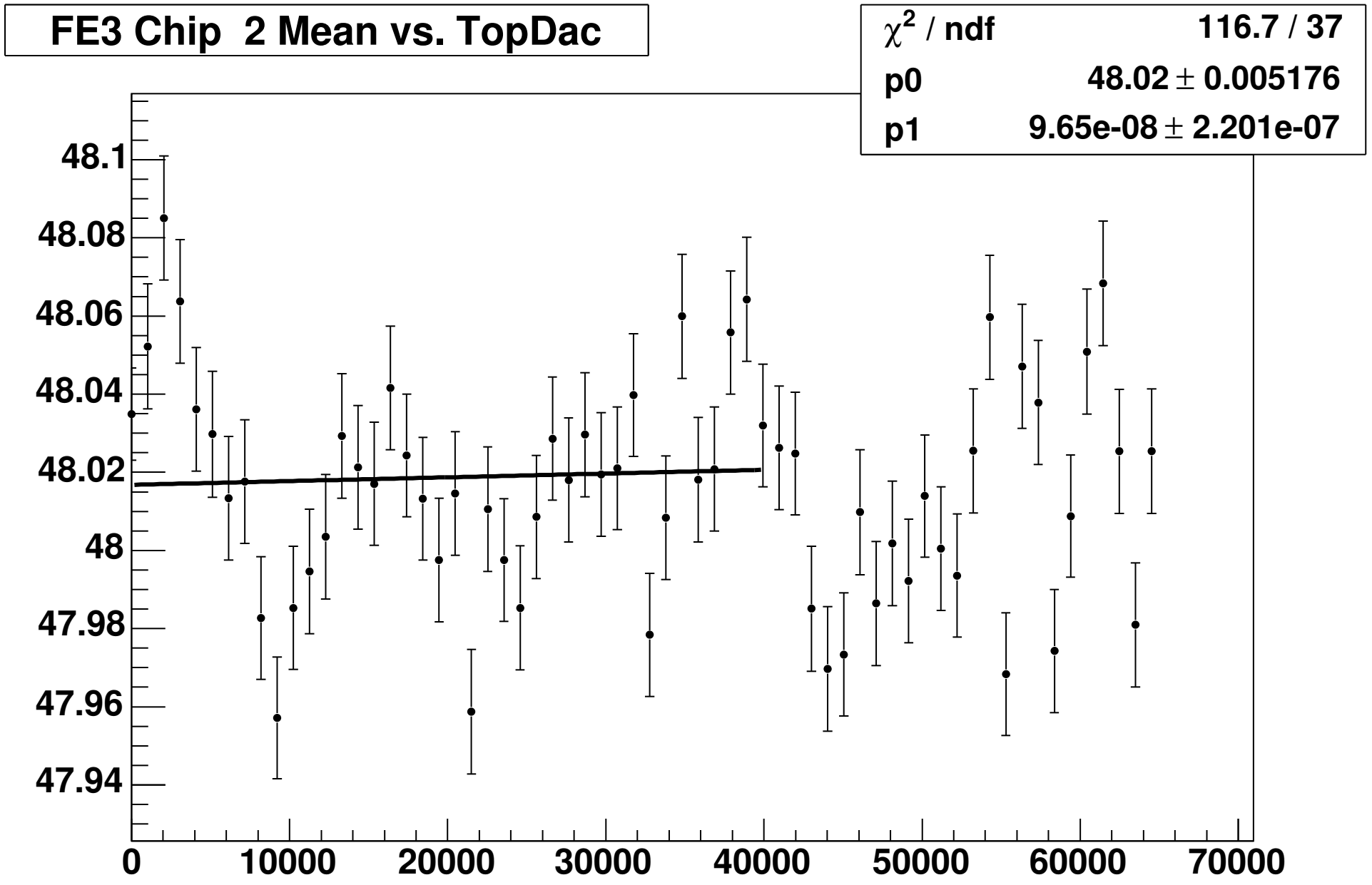
FE3 Chip 2 Mean vs. TopDac
χ^2 / ndf 116.7 / 37
p0 48.02 ± 0.005176
p1 9.65e-08 ± 2.201e-07
48.1
48.08
48.06
48.04
48.02
48
47.98
47.96
47.94
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10000
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60000
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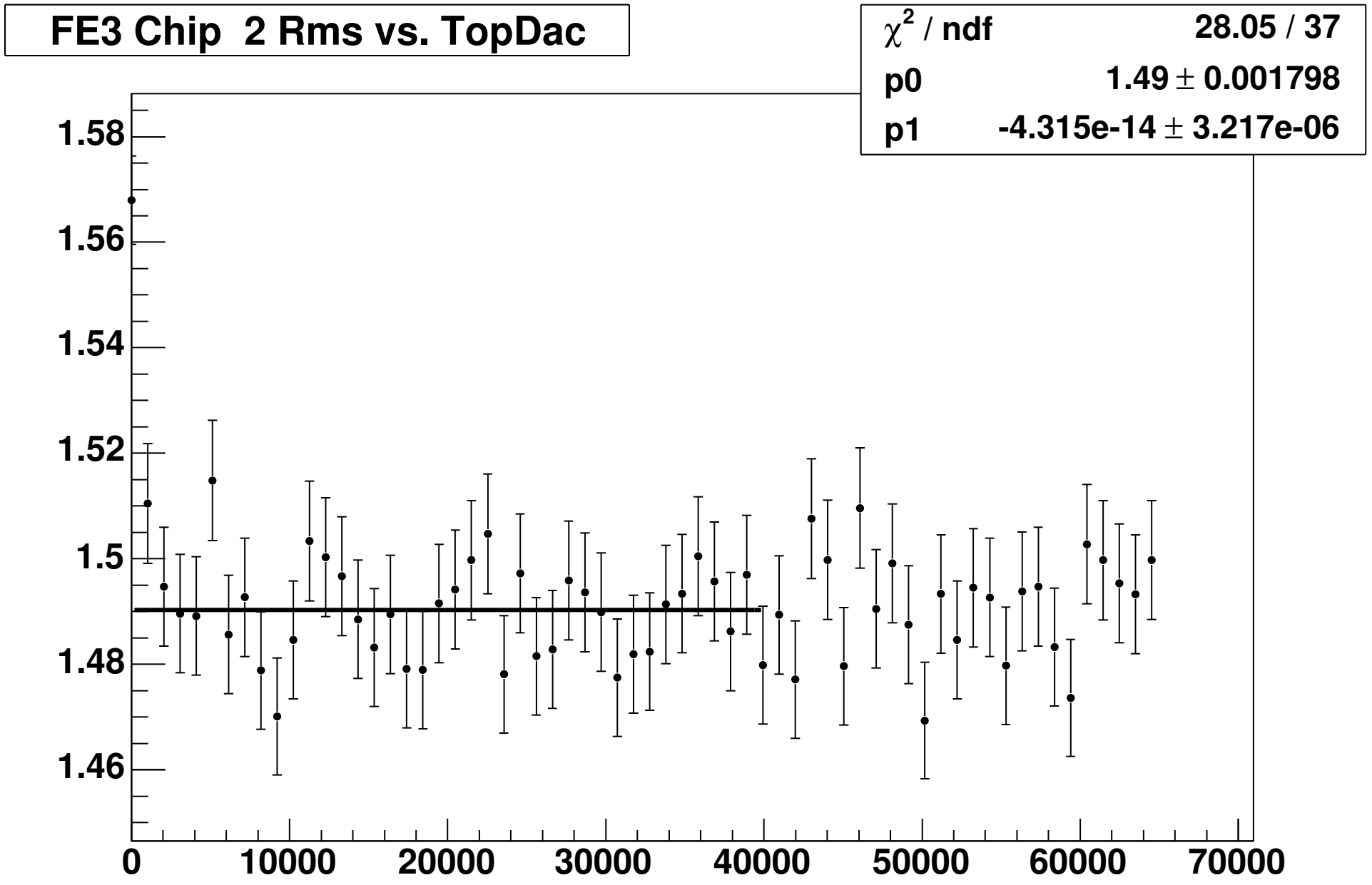
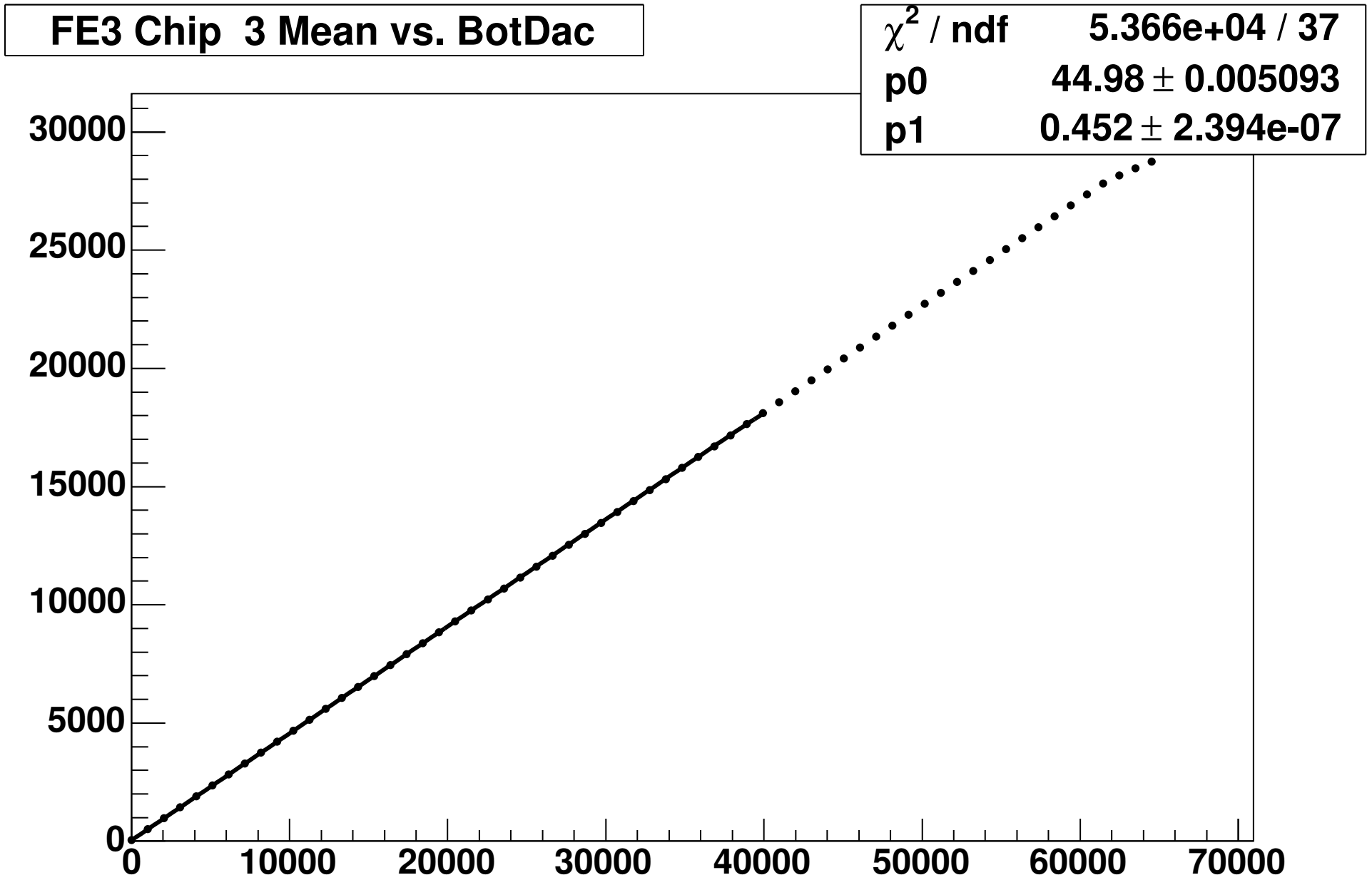

FE3 Chip 2 Rms vs. TopDac
χ² / ndf 28.05 / 37
p0 1.49 ± 0.001798
p1 -4.315e-14 ± 3.217e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 3 Mean vs. BotDac
χ² / ndf 5.366e+04 / 37
p0 44.98 ± 0.005093
p1 0.452 ± 2.394e-07
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15000
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5000
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0
10000
20000
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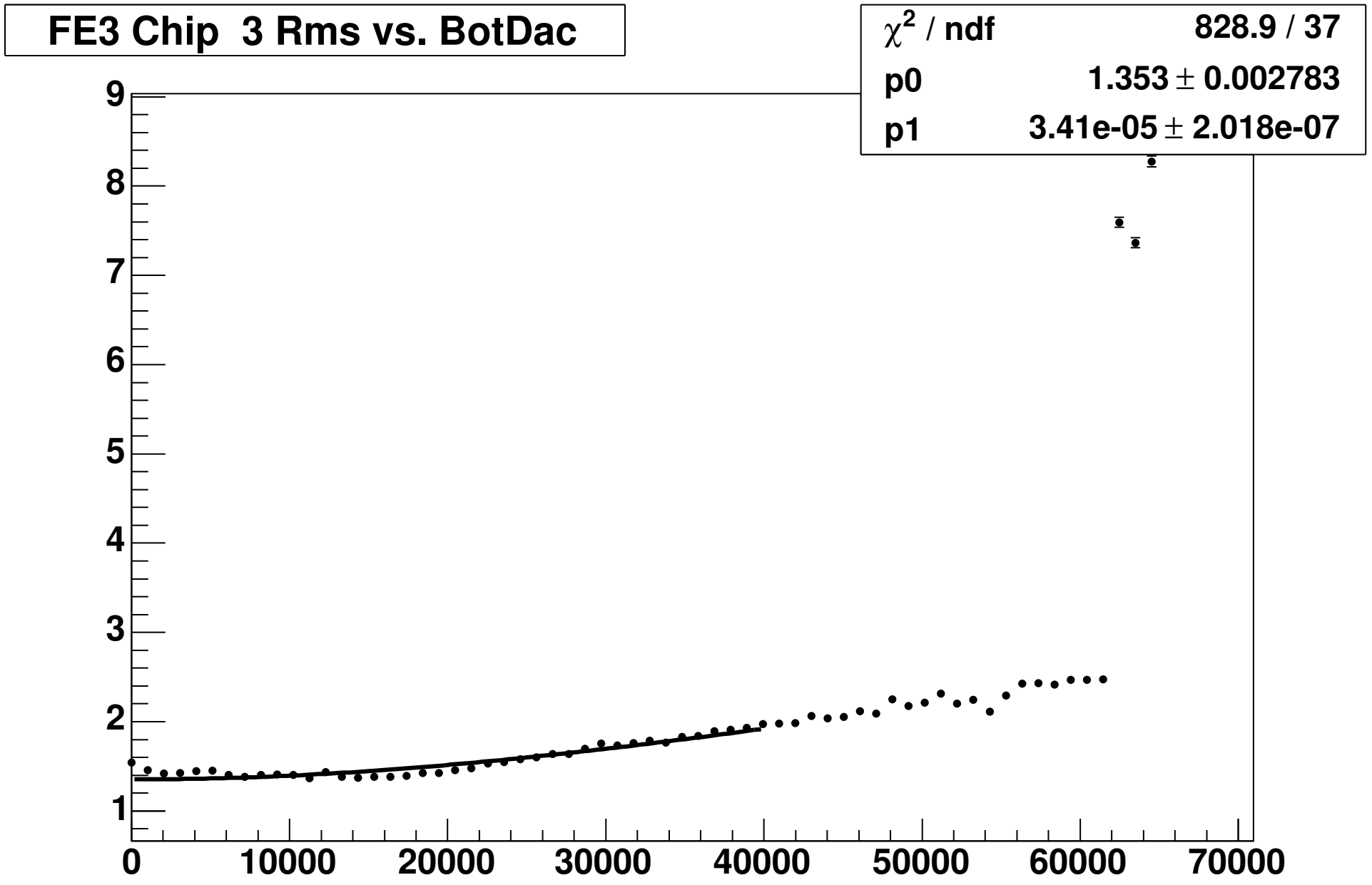
FE3 Chip 3 Rms vs. BotDac
χ² / ndf 828.9 / 37
p0 1.353 ± 0.002783
p1 3.41e-05 ± 2.018e-07
9
8
7
6
5
4
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2
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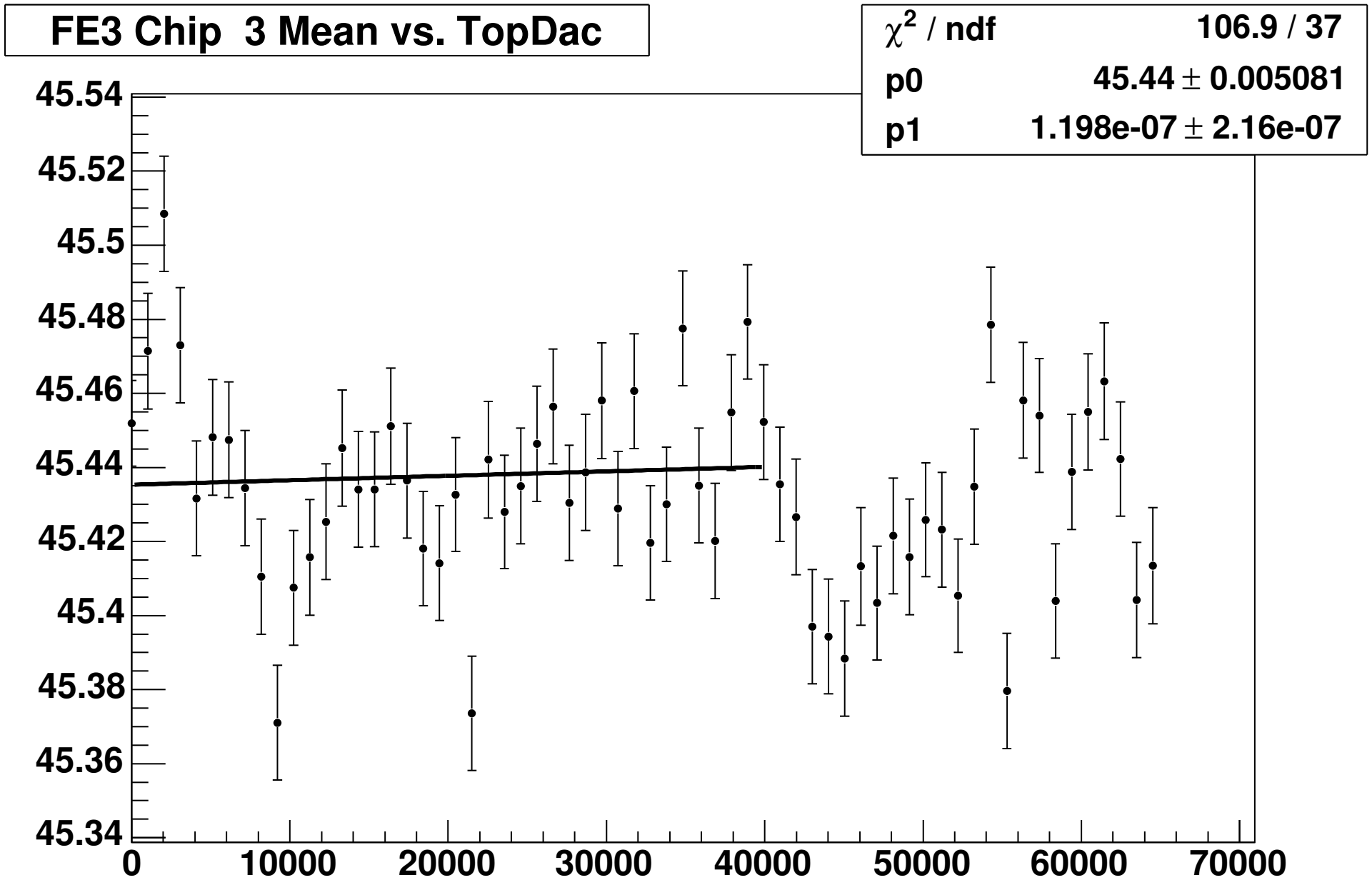
FE3 Chip 3 Mean vs. TopDac
χ² / ndf 106.9 / 37
p0 45.44 ± 0.005081
p1 1.198e-07 ± 2.16e-07
45.54
45.52
45.5
45.48
45.46
45.44
45.42
45.4
45.38
45.36
45.34
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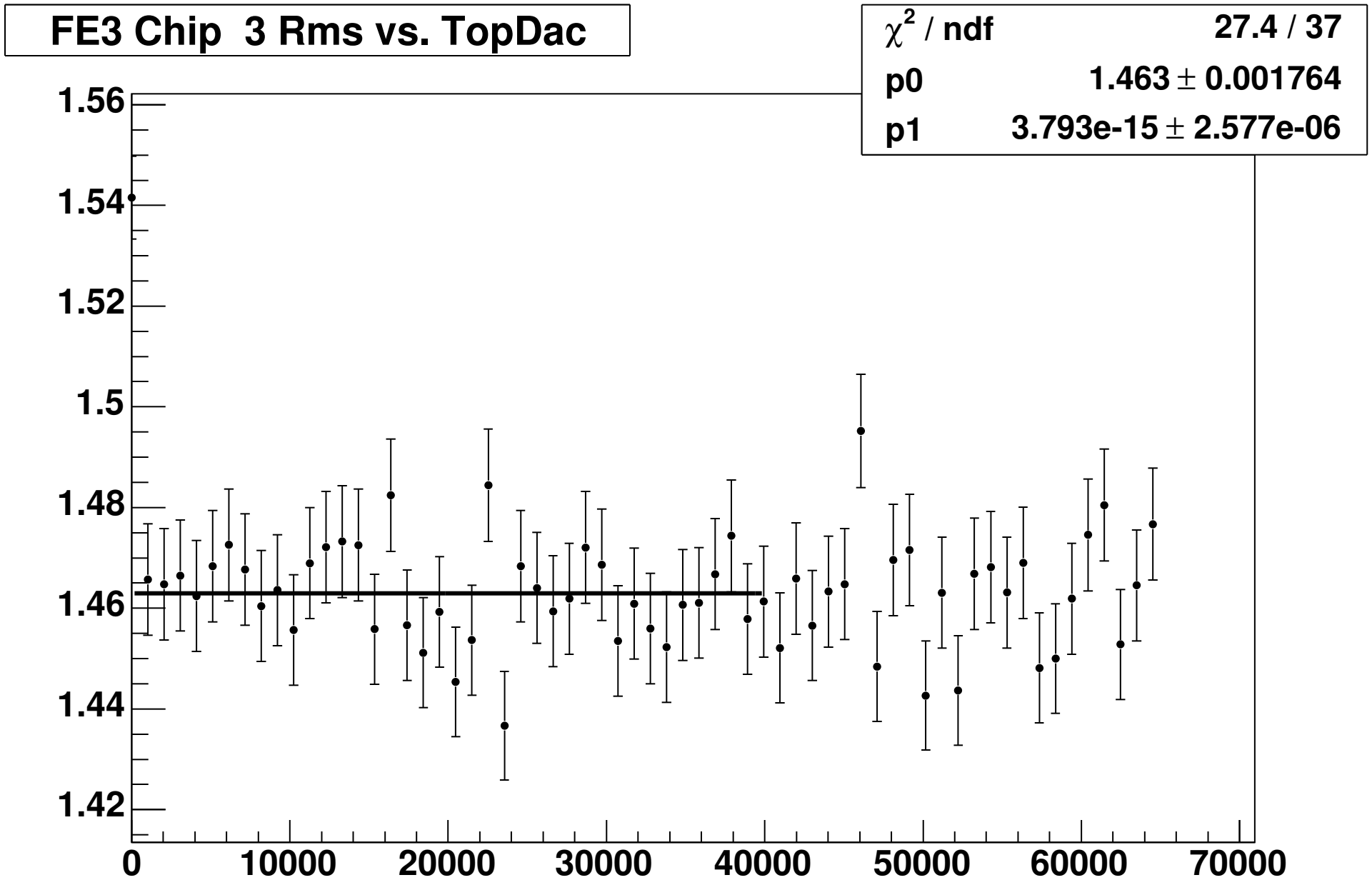
FE3 Chip 3 Rms vs. TopDac
χ² / ndf 27.4 / 37
p0 1.463 ± 0.001764
p1 3.793e-15 ± 2.577e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
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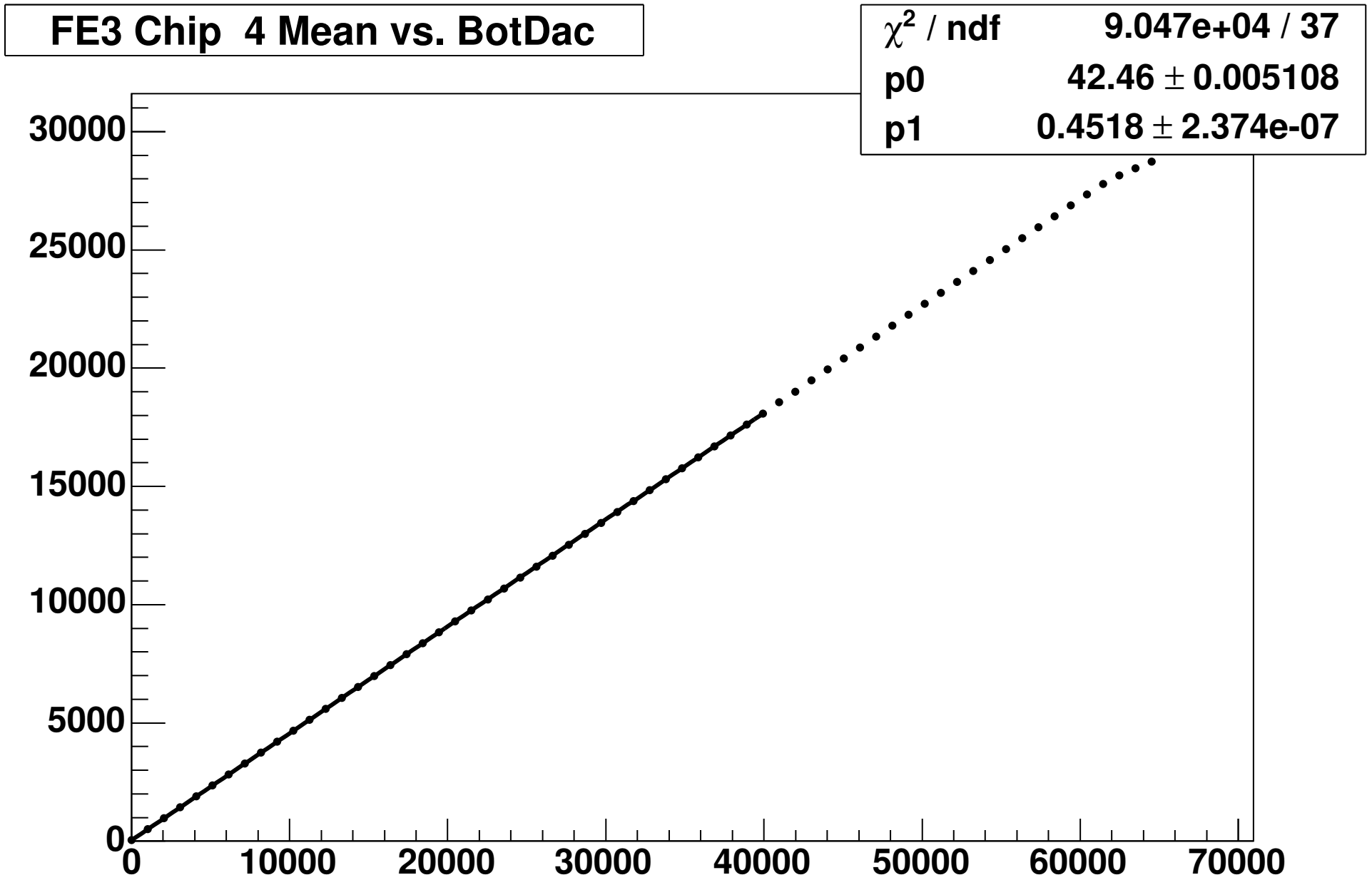
FE3 Chip 4 Mean vs. BotDac
χ² / ndf 9.047e+04 / 37
p0 42.46 ± 0.005108
p1 0.4518 ± 2.374e-07
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15000
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5000
0
0
10000
20000
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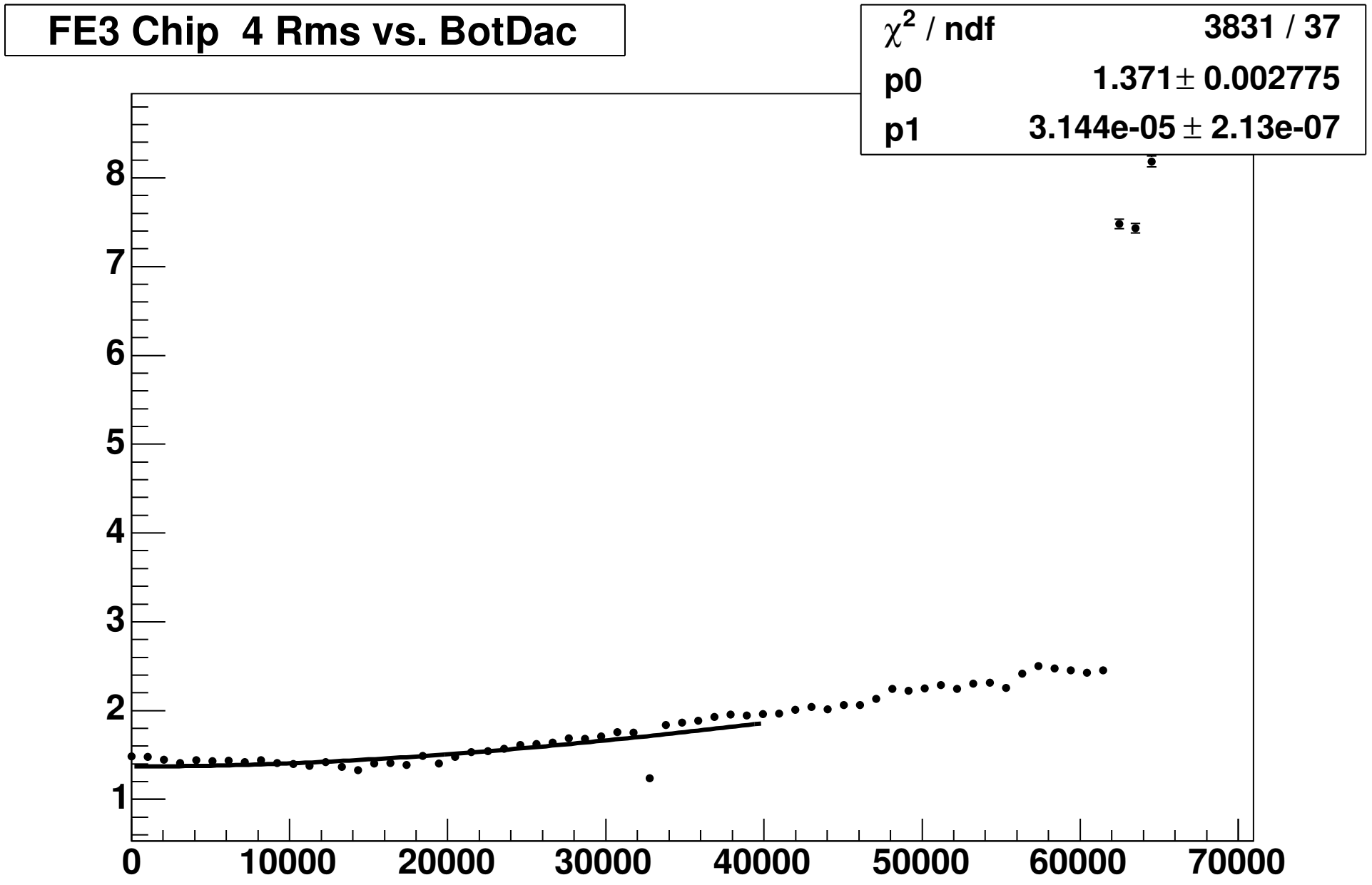
FE3 Chip 4 Rms vs. BotDac
χ² / ndf 3831 / 37
p0 1.371 ± 0.002775
p1 3.144e-05 ± 2.13e-07
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7
6
5
4
3
2
1
0
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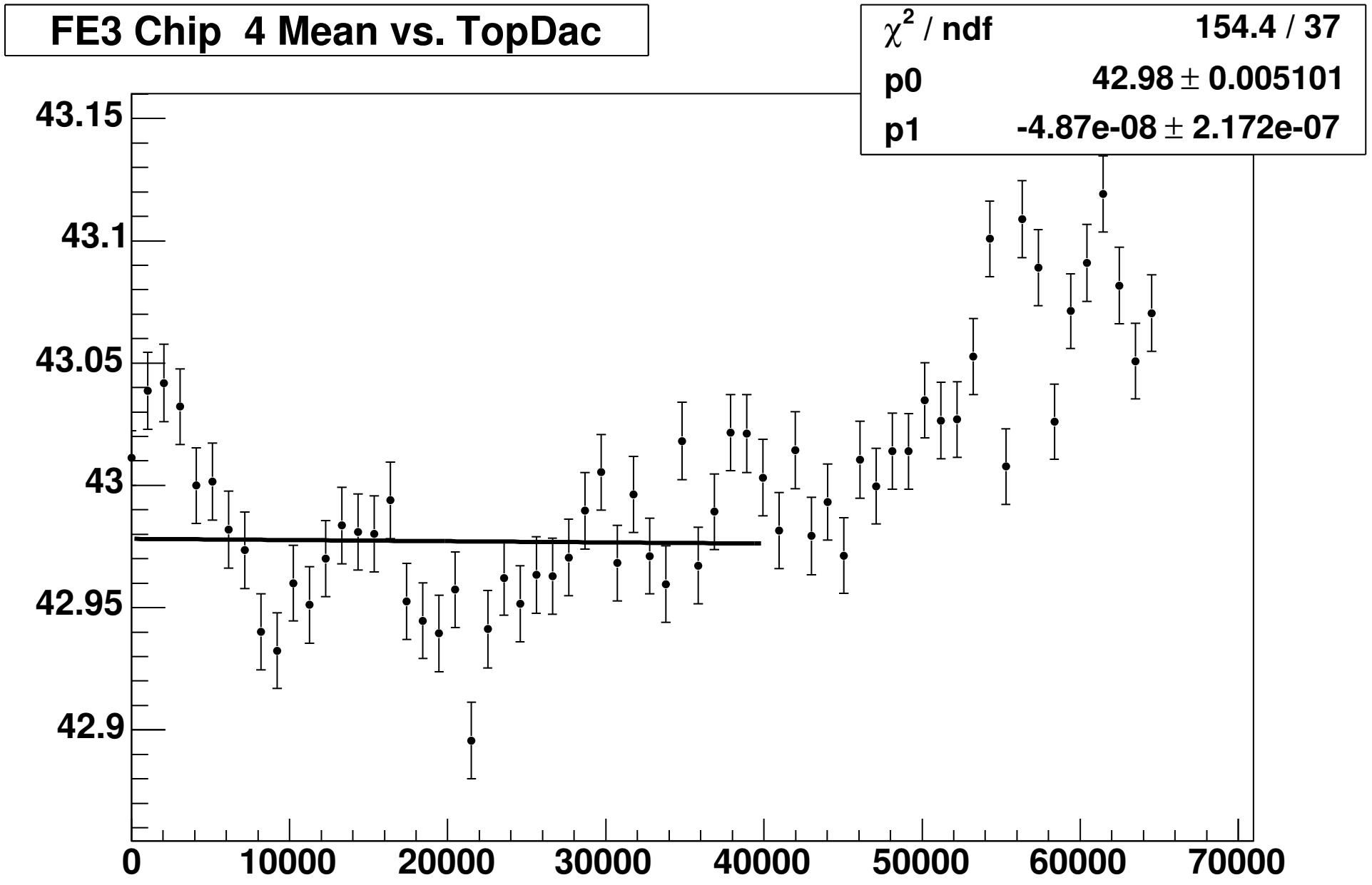
FE3 Chip 4 Mean vs. TopDac
χ² / ndf 154.4 / 37
p0 42.98 ± 0.005101
p1 -4.87e-08 ± 2.172e-07
43.15
43.1
43.05
43
42.95
42.9
0
10000
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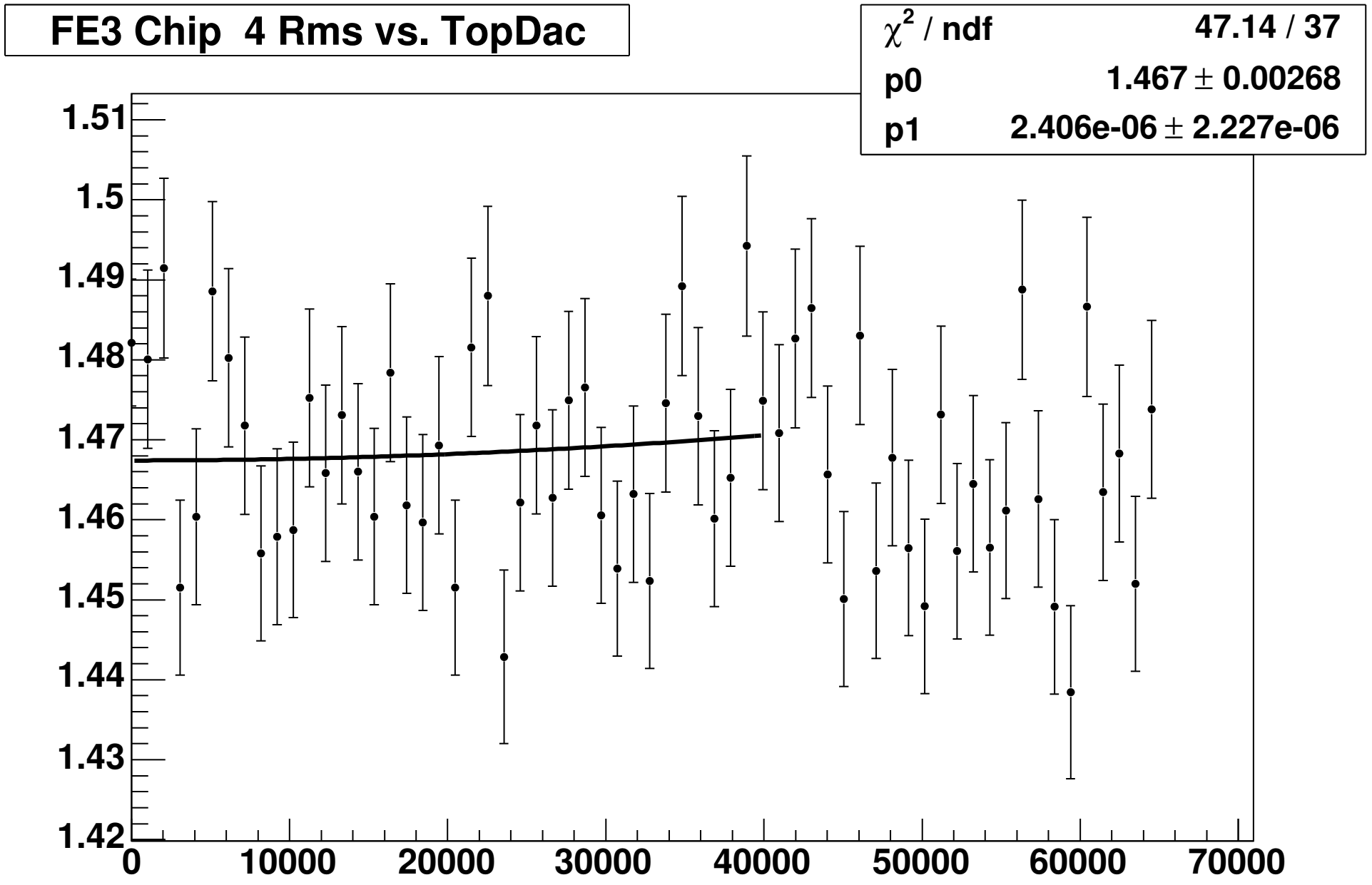
FE3 Chip 4 Rms vs. TopDac
χ² / ndf 47.14 / 37
p0 1.467 ± 0.00268
p1 2.406e-06 ± 2.227e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
0
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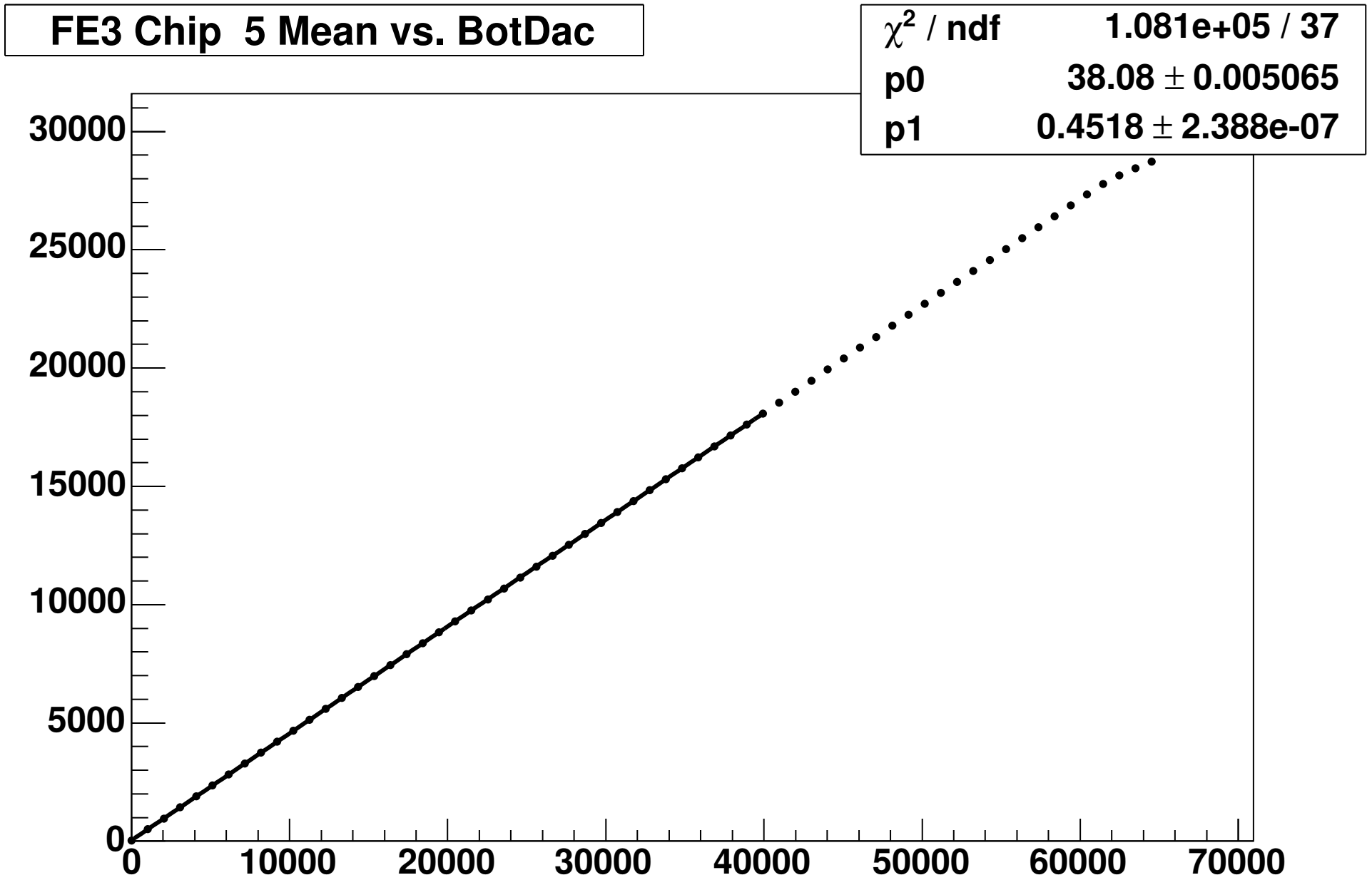
FE3 Chip 5 Mean vs. BotDac
χ² / ndf 1.081e+05 / 37
p0 38.08 ± 0.005065
p1 0.4518 ± 2.388e-07
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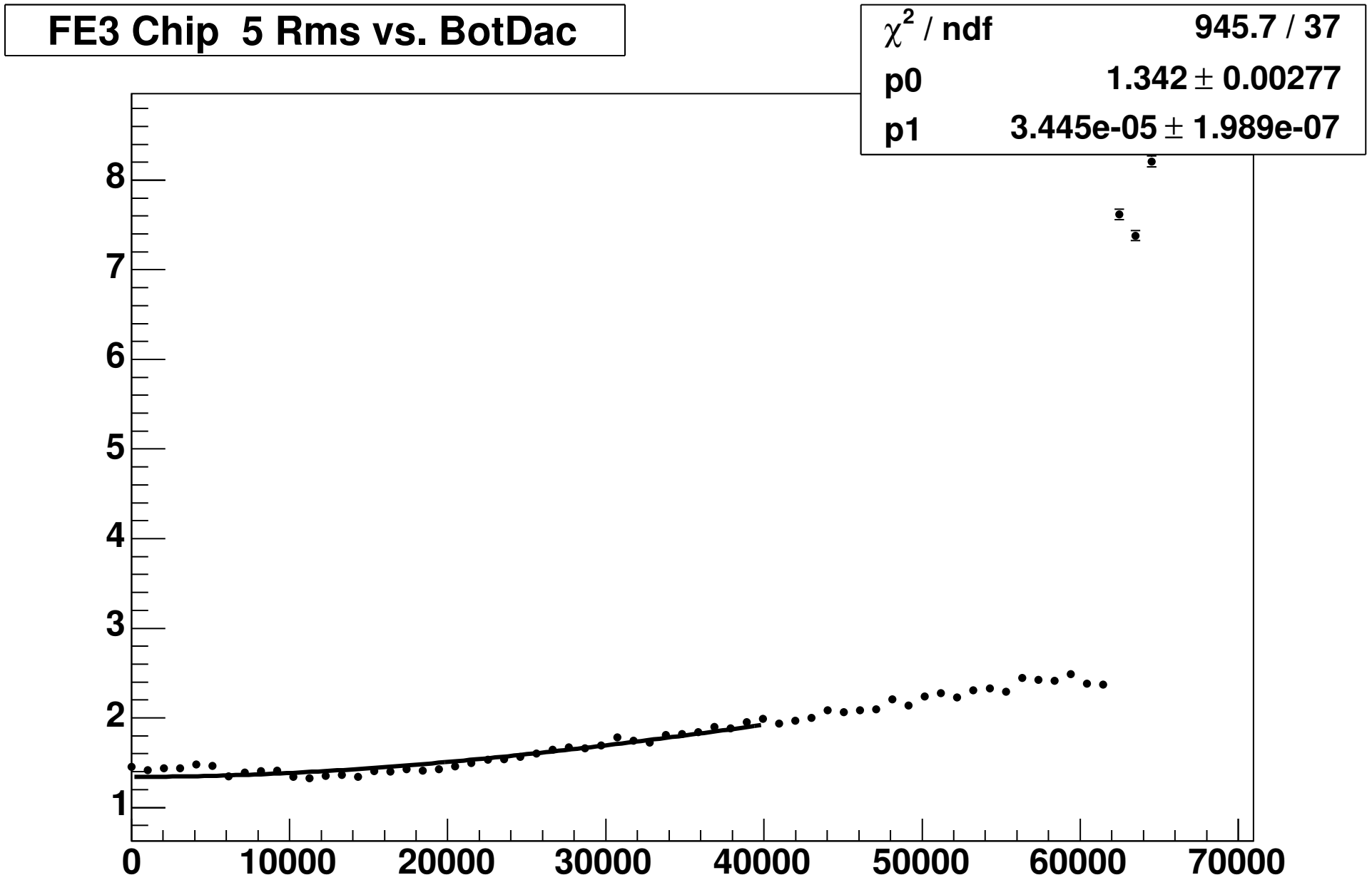
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 5 Rms vs. BotDac
χ² / ndf 945.7 / 37
p0 1.342 ± 0.00277
p1 3.445e-05 ± 1.989e-07
8
7
6
5
4
3
2
1
0
10000
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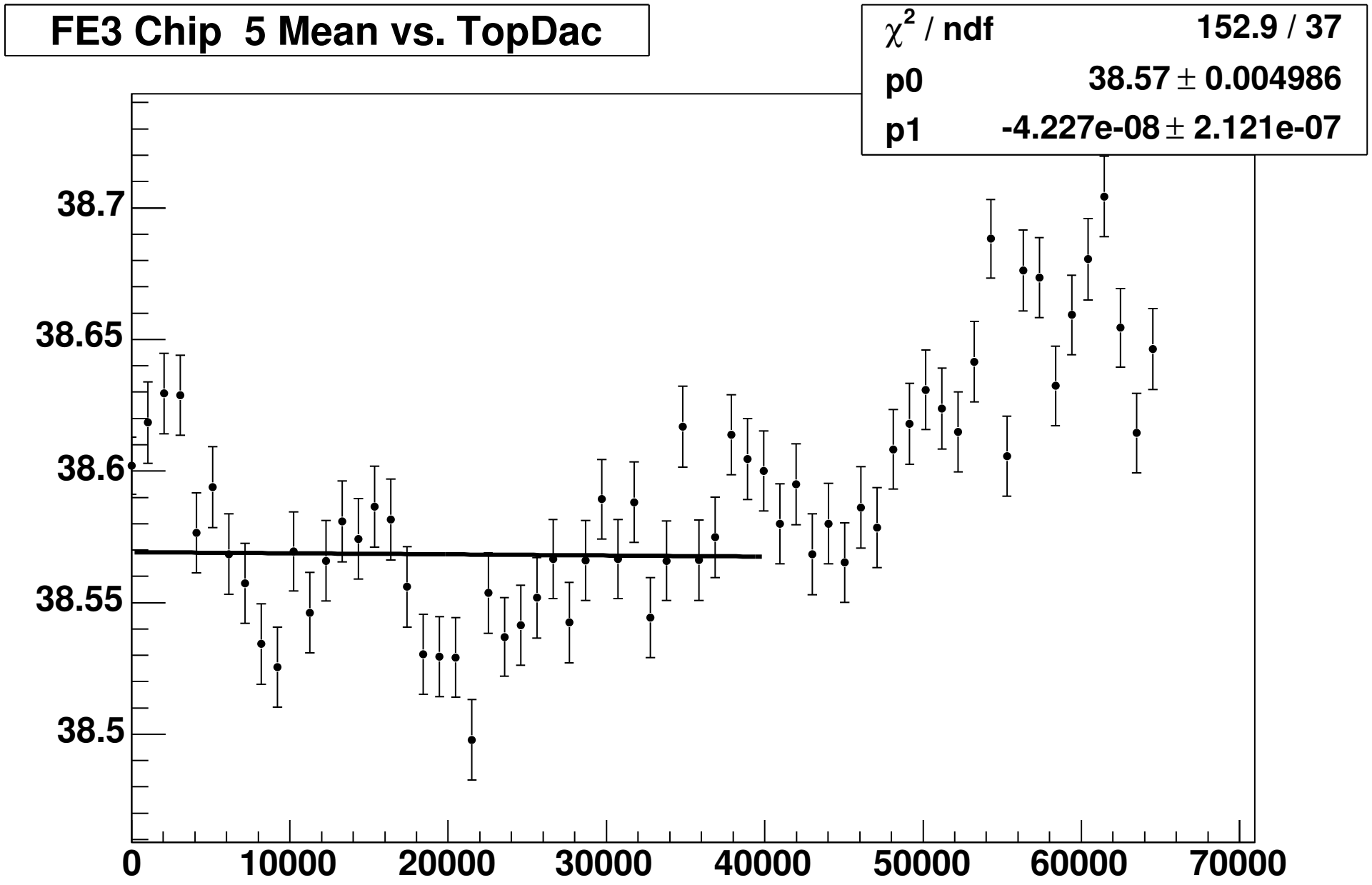
30000
40000
50000
60000
70000


FE3 Chip 5 Mean vs. TopDac
χ² / ndf 152.9 / 37
p0 38.57 ± 0.004986
p1 -4.227e-08 ± 2.121e-07
38.7
38.65
38.6
38.55
38.5
0
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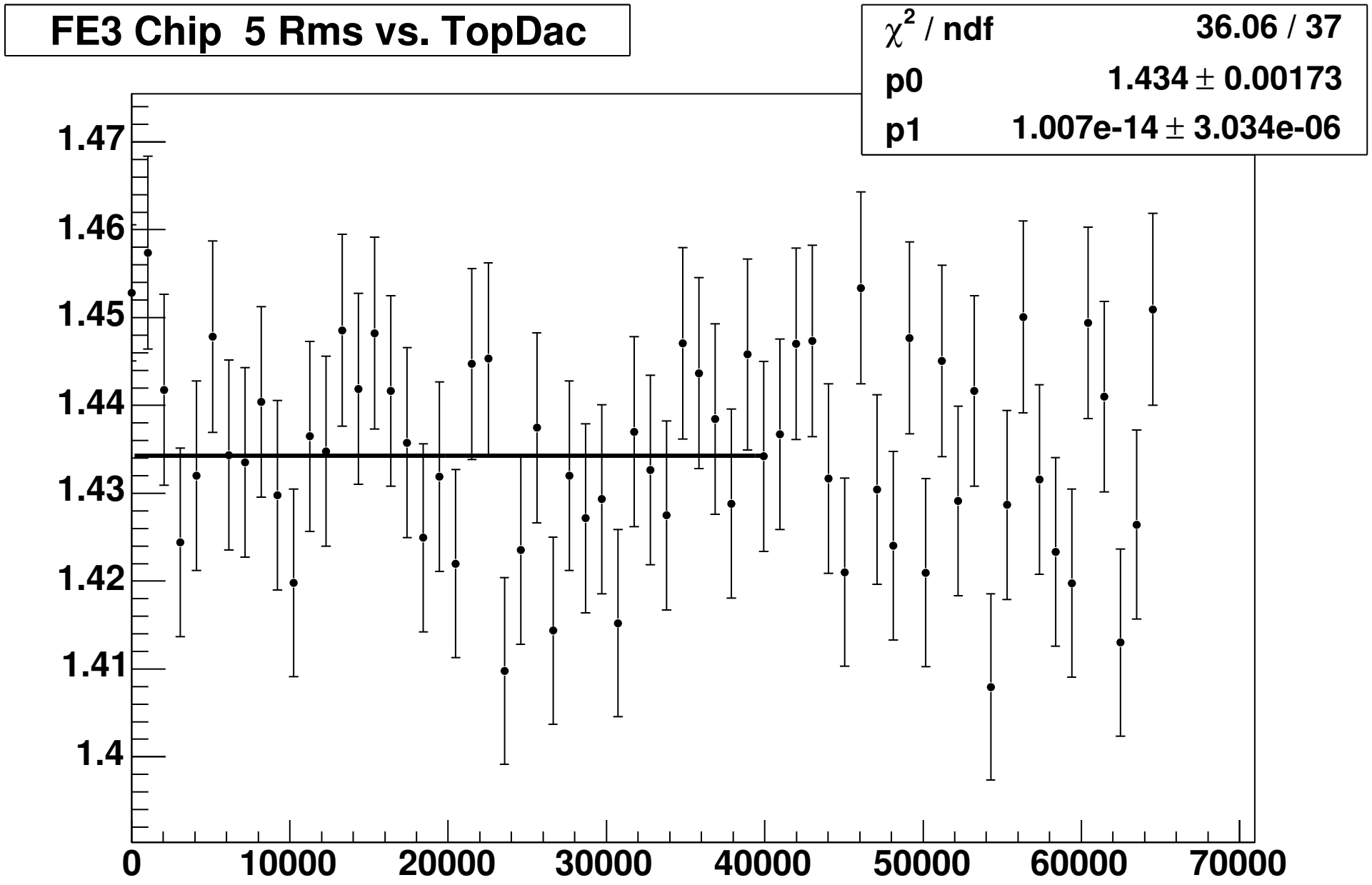
FE3 Chip 5 Rms vs. TopDac
χ² / ndf 36.06 / 37
p0 1.434 ± 0.00173
p1 1.007e-14 ± 3.034e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
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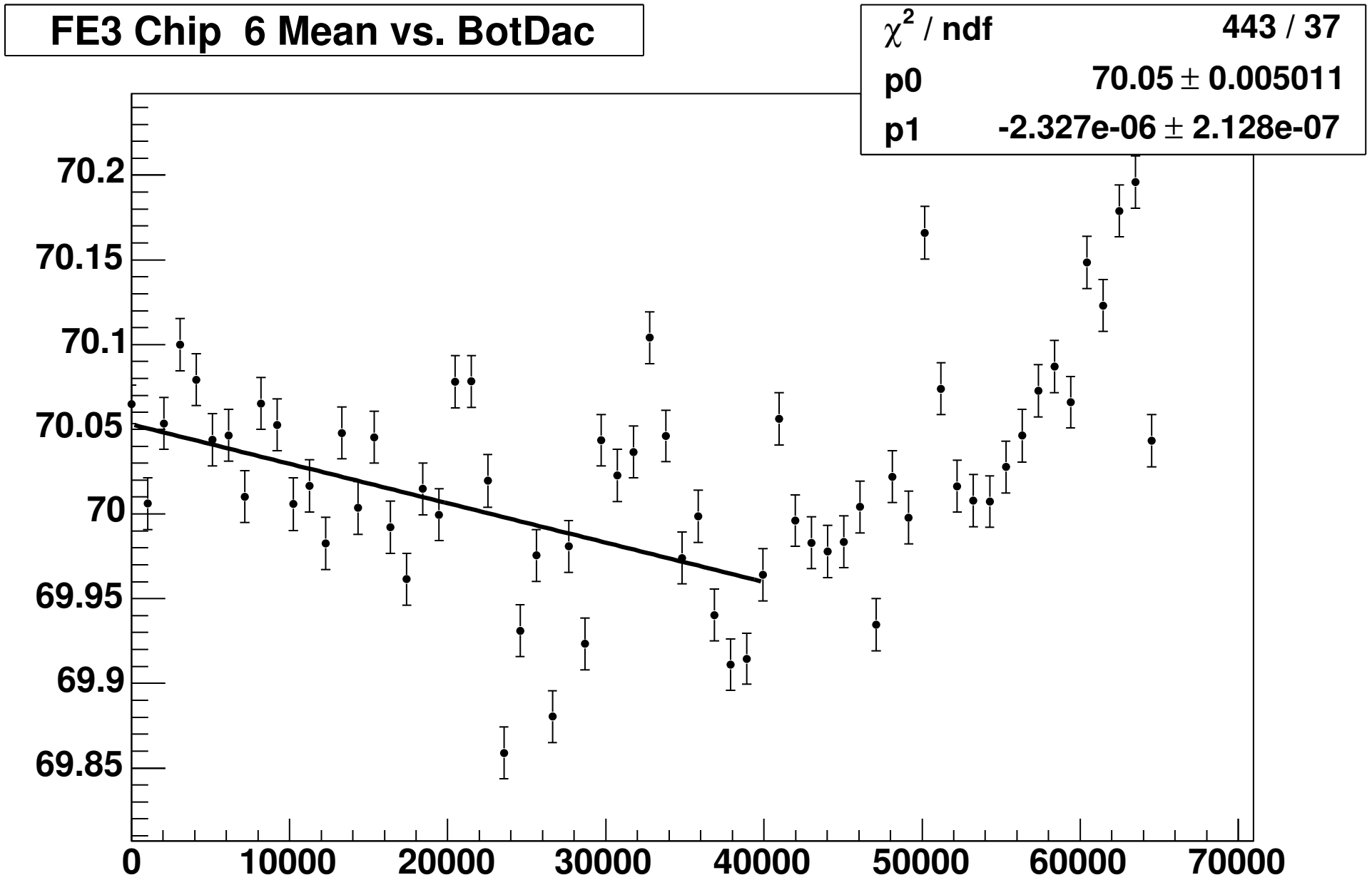
FE3 Chip 6 Mean vs. BotDac
χ² / ndf 443 / 37
p0 70.05 ± 0.005011
p1 -2.327e-06 ± 2.128e-07
70.2
70.15
70.1
70.05
70
69.95
69.9
69.85
0
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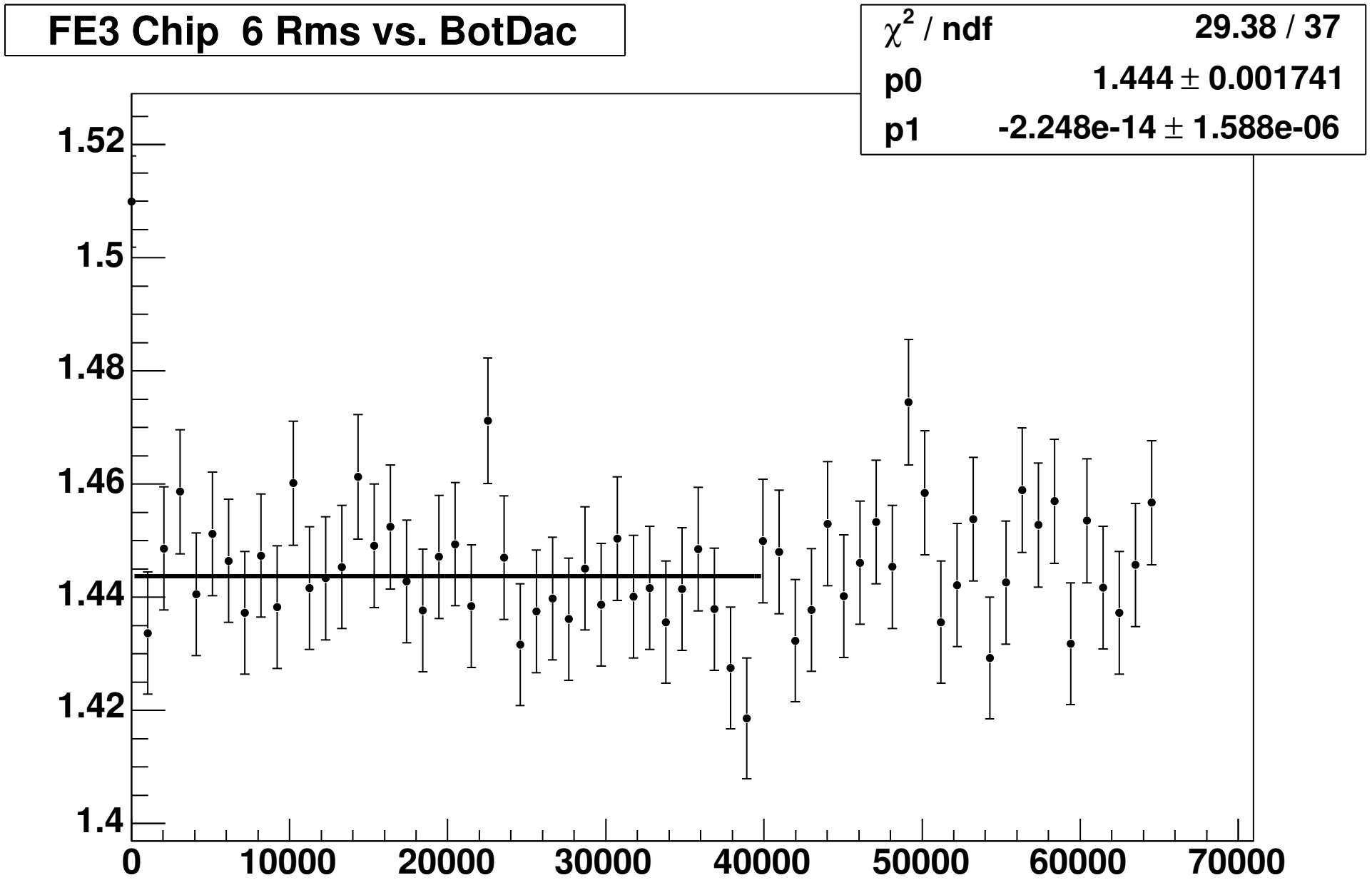
50000
60000
70000


FE3 Chip 6 Rms vs. BotDac
χ² / ndf 29.38 / 37
p0 1.444 ± 0.001741
p1 -2.248e-14 ± 1.588e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
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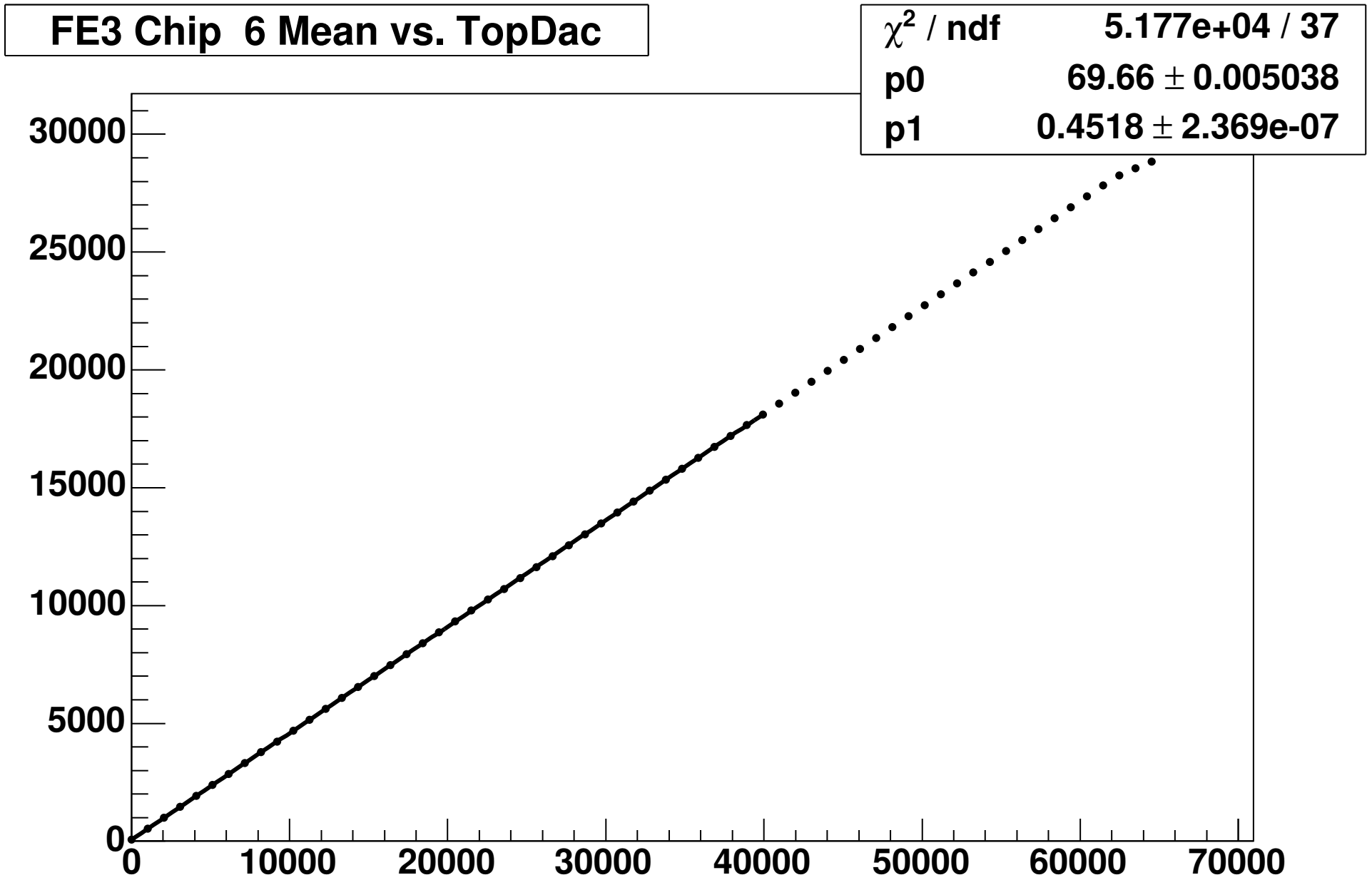
50000
60000
70000


FE3 Chip 6 Mean vs. TopDac
χ² / ndf 5.177e+04 / 37
p0 69.66 ± 0.005038
p1 0.4518 ± 2.369e-07
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20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
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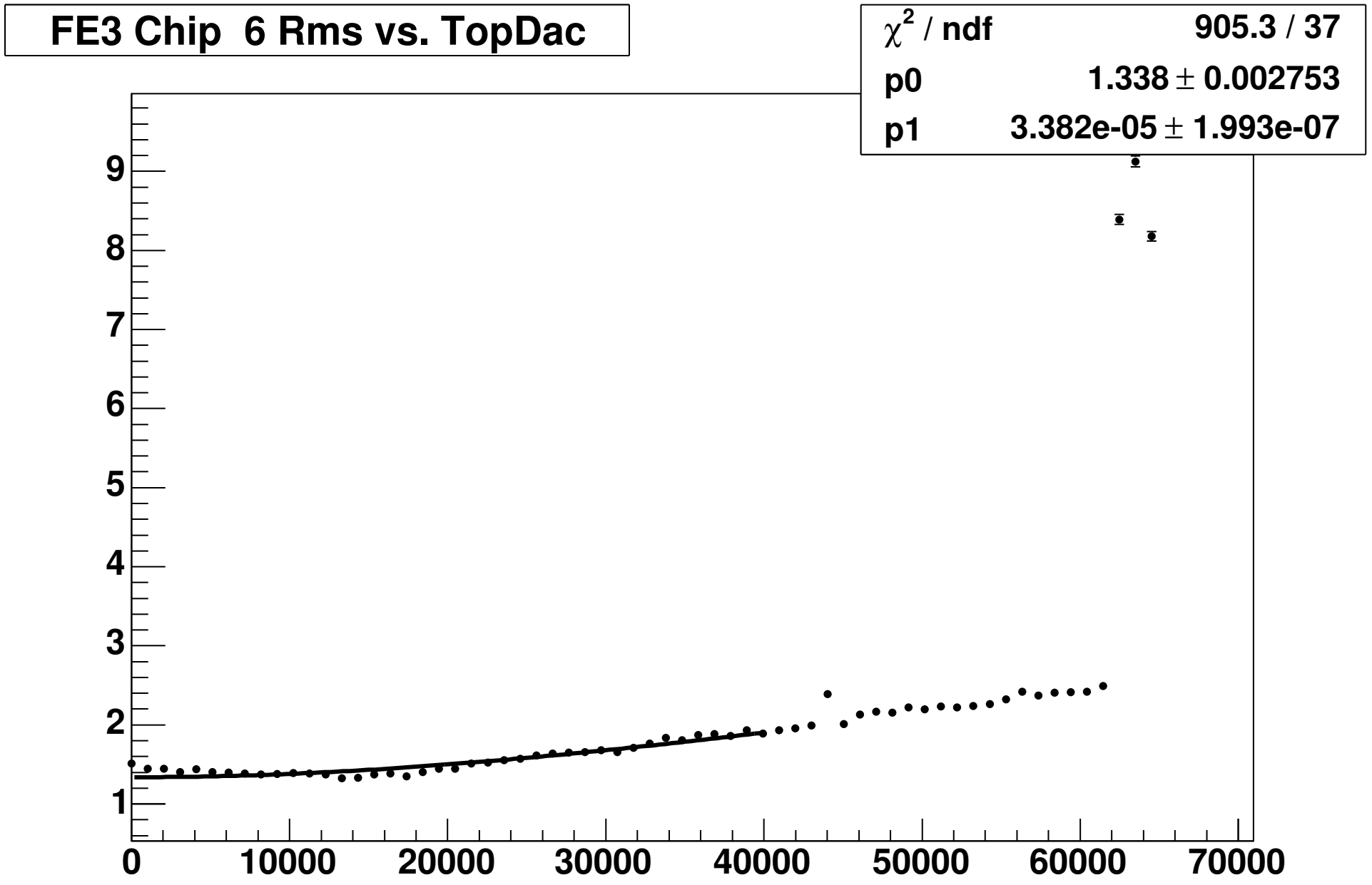
FE3 Chip 6 Rms vs. TopDac
χ² / ndf 905.3 / 37
p0 1.338 ± 0.002753
p1 3.382e-05 ± 1.993e-07
9
8
7
6
5
4
3
2
1
0
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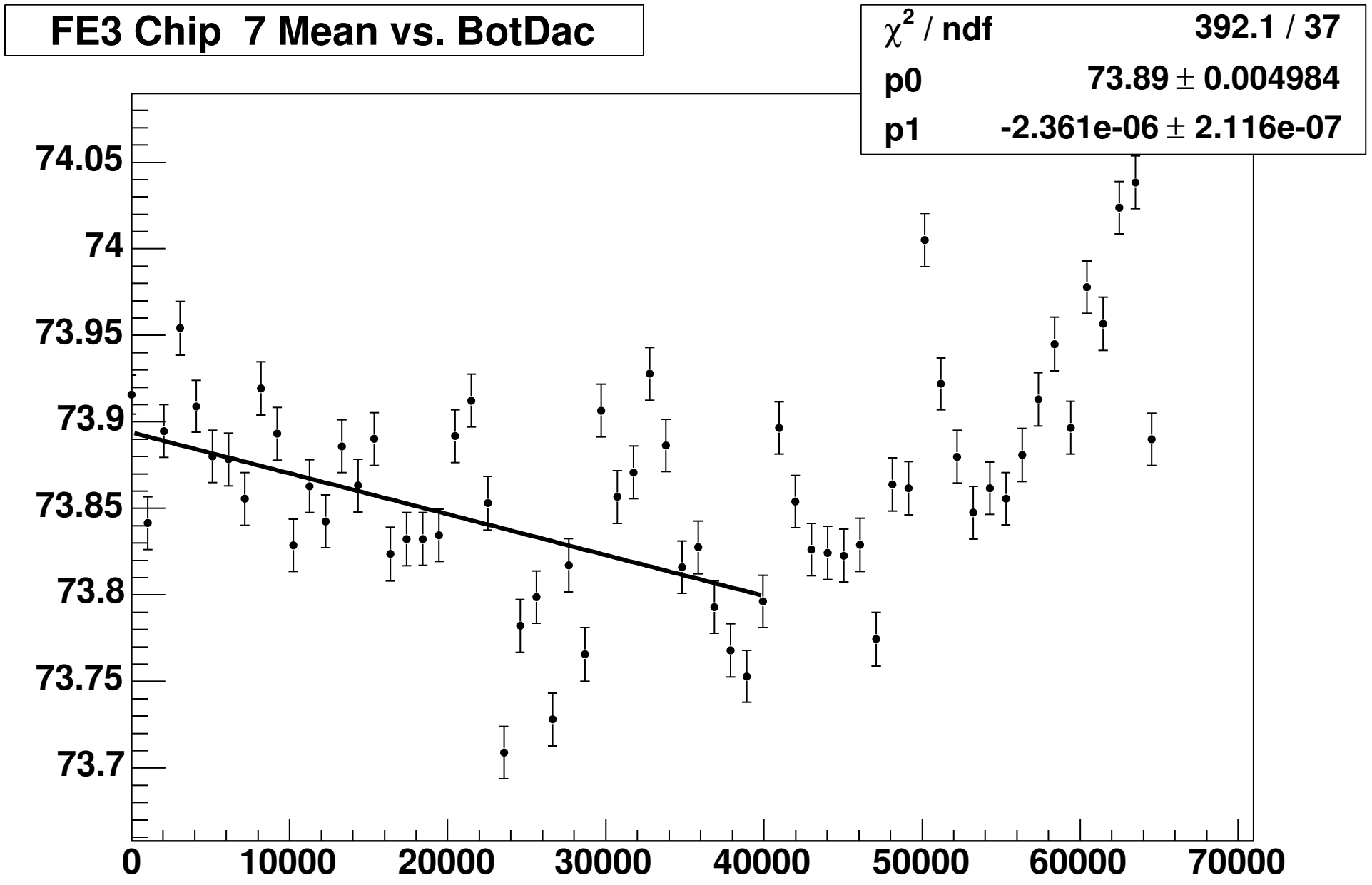
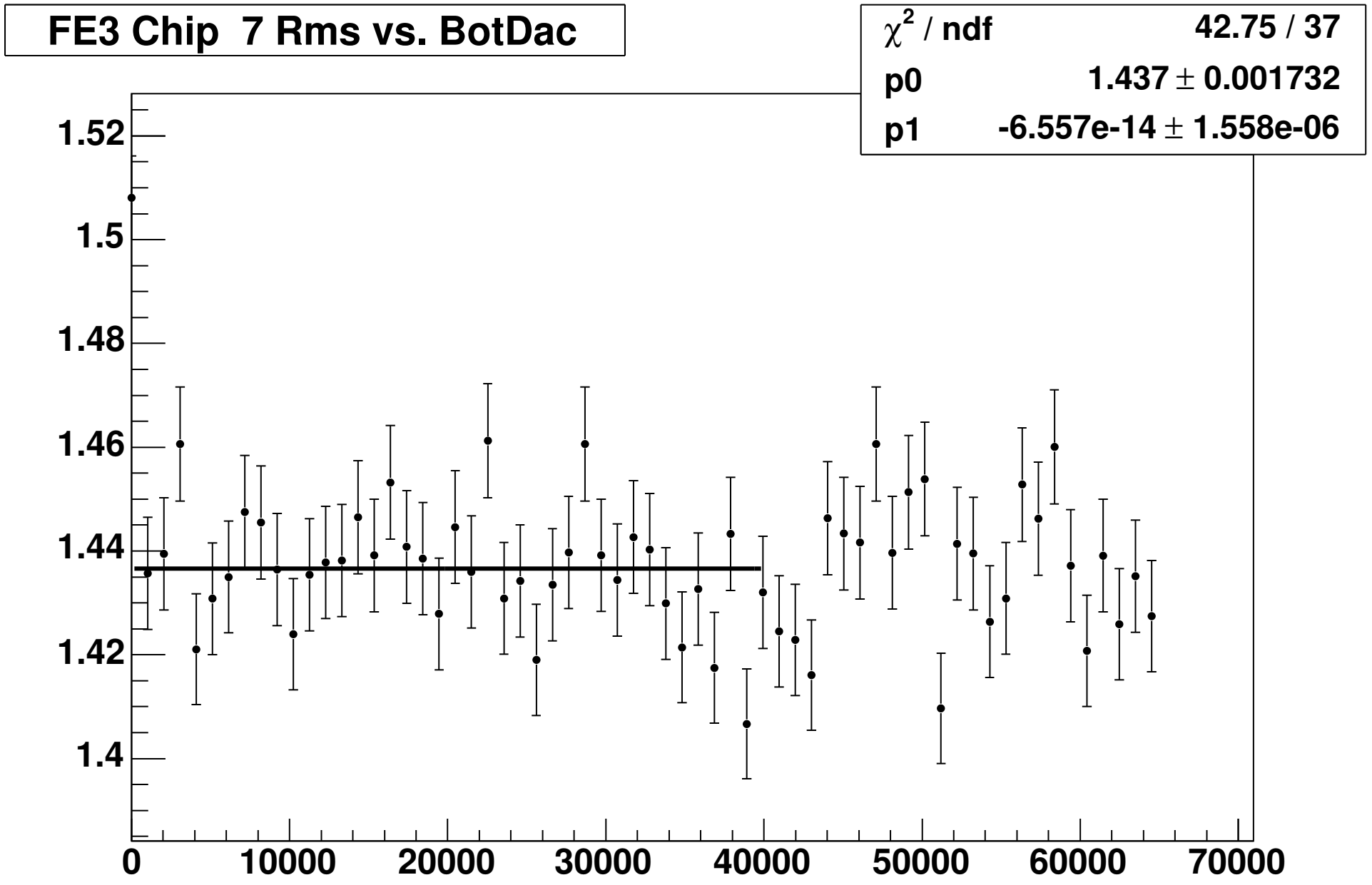
70000


FE3 Chip 7 Mean vs. BotDac
χ² / ndf 392.1 / 37
p0 73.89 ± 0.004984
p1 -2.361e-06 ± 2.116e-07
74.05
74
73.95
73.9
73.85
73.8
73.75
73.7
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 7 Rms vs. BotDac
χ² / ndf 42.75 / 37
p0 1.437 ± 0.001732
p1 -6.557e-14 ± 1.558e-06
1.52
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
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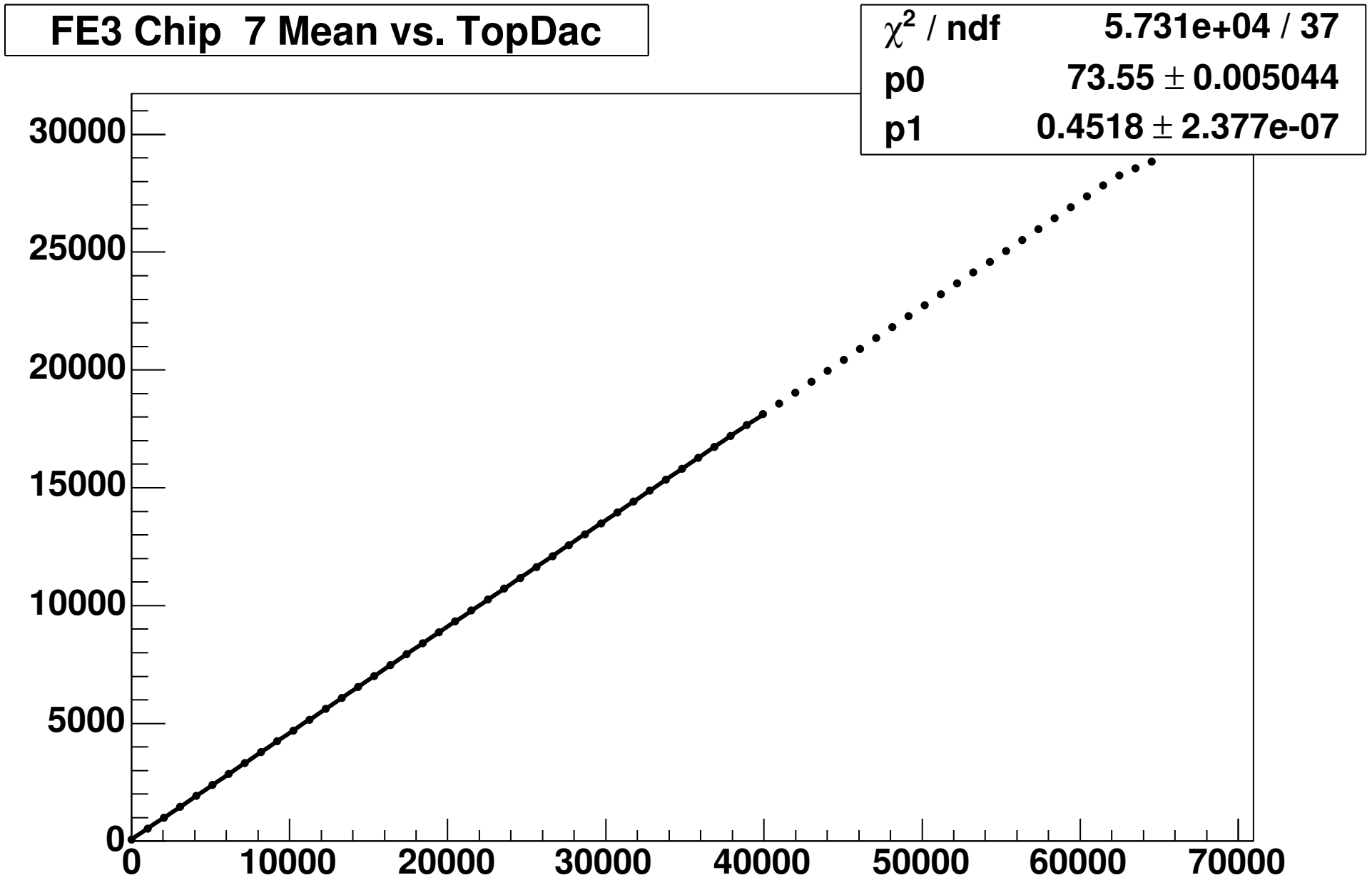
50000
60000
70000


FE3 Chip 7 Mean vs. TopDac
χ² / ndf 5.731e+04 / 37
p0 73.55 ± 0.005044
p1 0.4518 ± 2.377e-07
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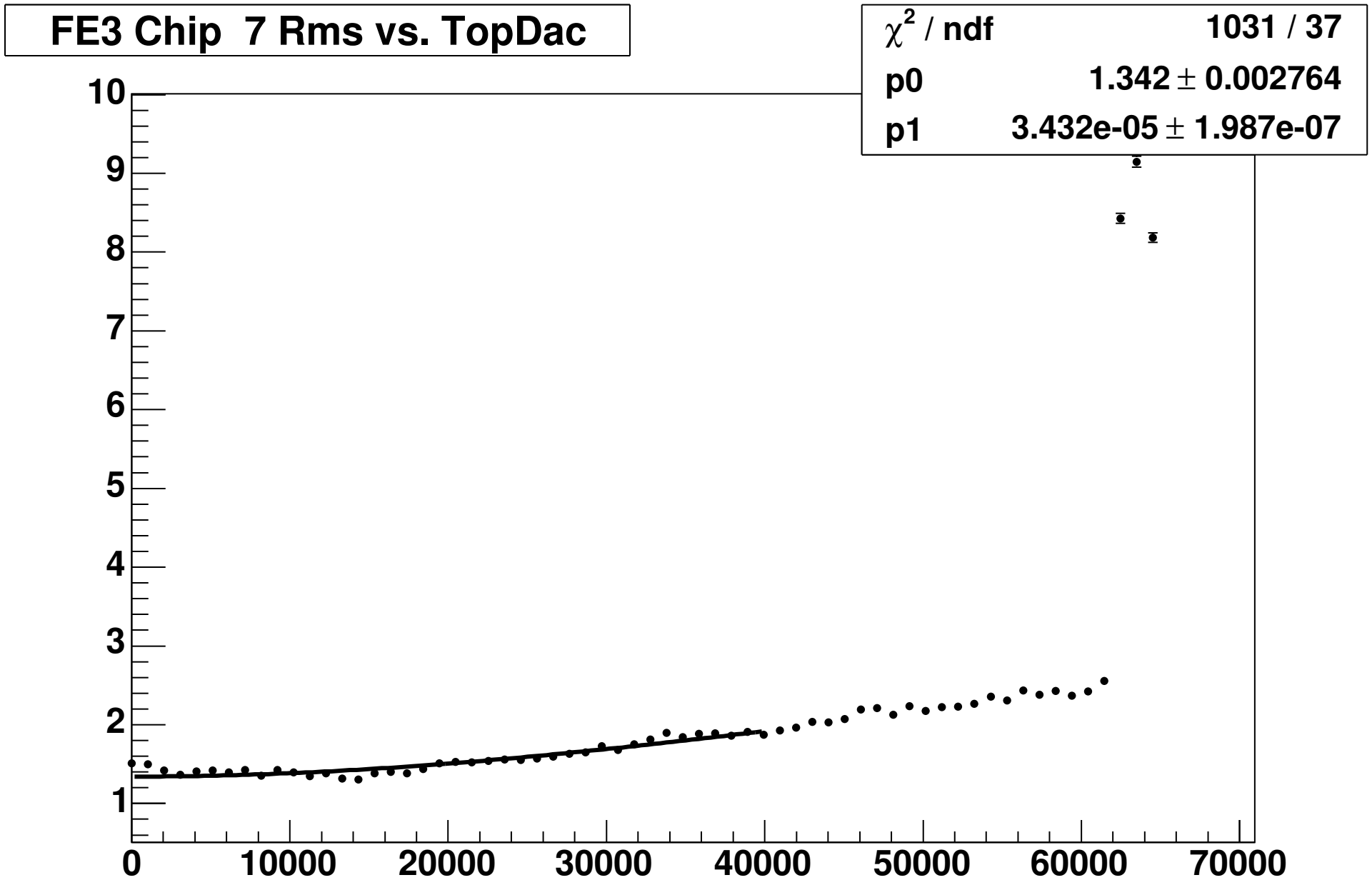
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 7 Rms vs. TopDac
χ^2 / ndf 1031 / 37
p0 1.342 ± 0.002764
p1 3.432e-05 ± 1.987e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
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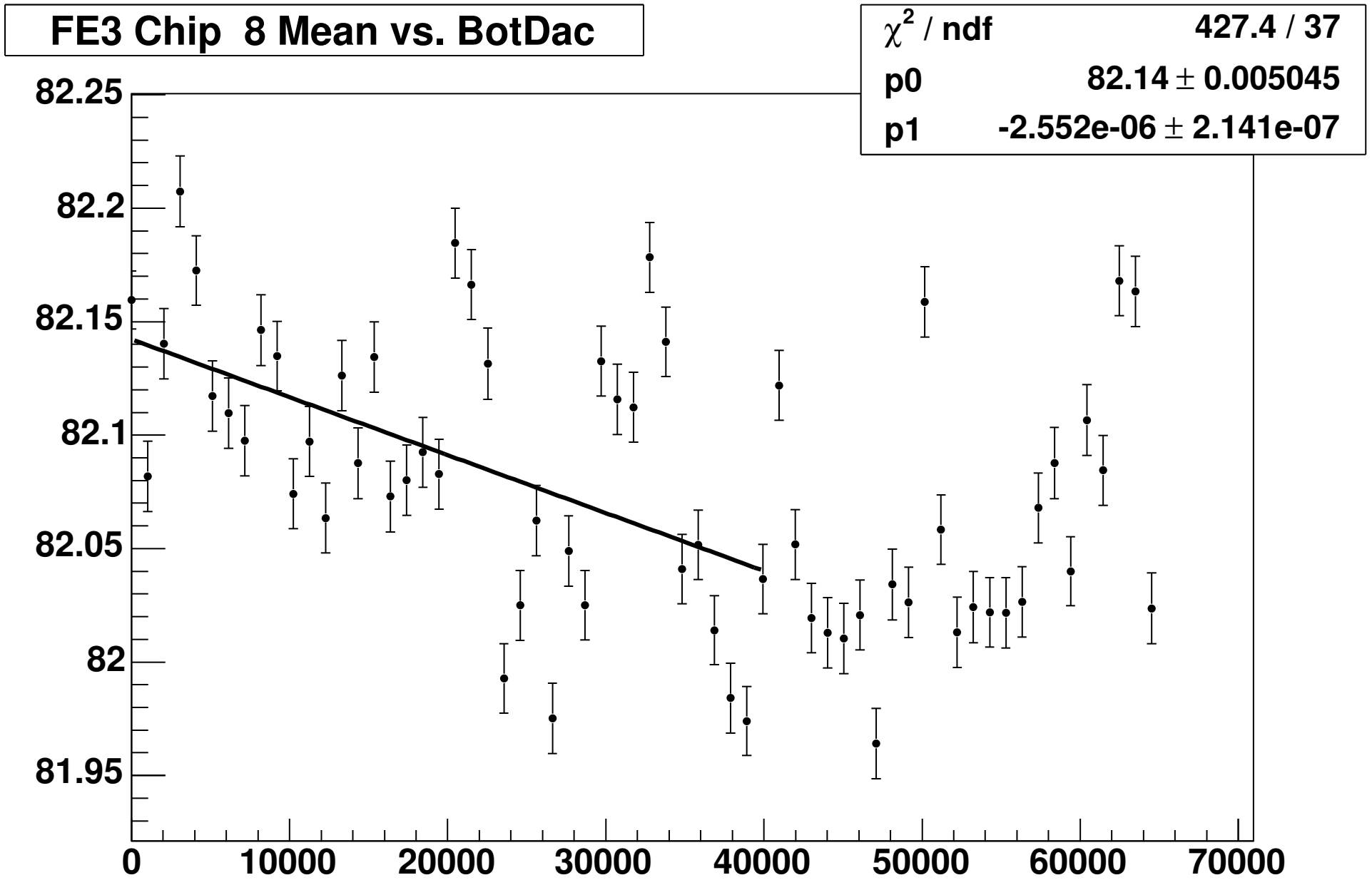
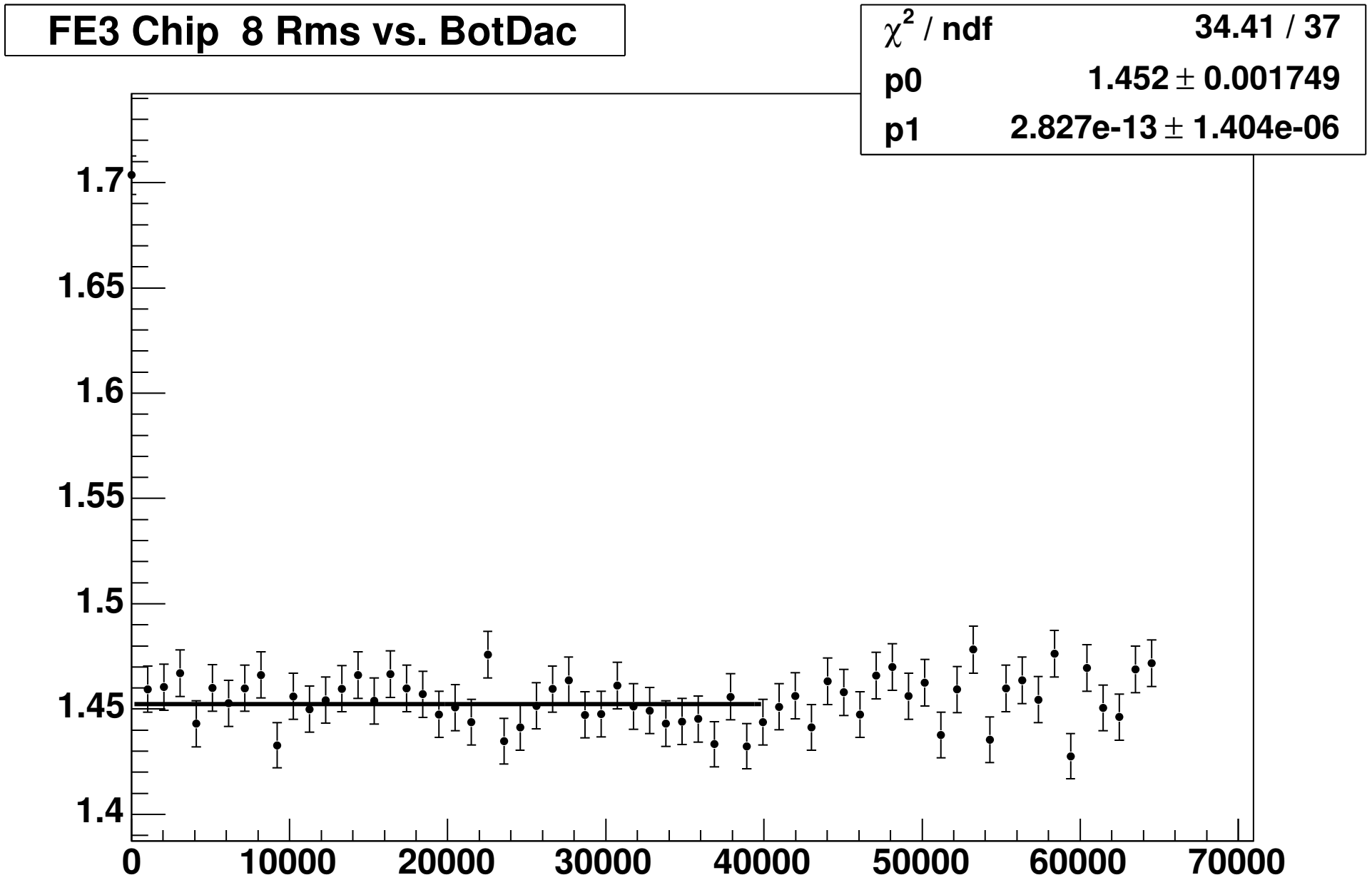
60000
70000


FE3 Chip 8 Mean vs. BotDac
χ² / ndf 427.4 / 37
p0 82.14 ± 0.005045
p1 -2.552e-06 ± 2.141e-07
82.25
82.2
82.15
82.1
82.05
82
81.95
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 8 Rms vs. BotDac
χ² / ndf 34.41 / 37
p0 1.452 ± 0.001749
p1 2.827e-13 ± 1.404e-06
1.7
1.65
1.6
1.55
1.5
1.45
1.4
0
10000
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50000
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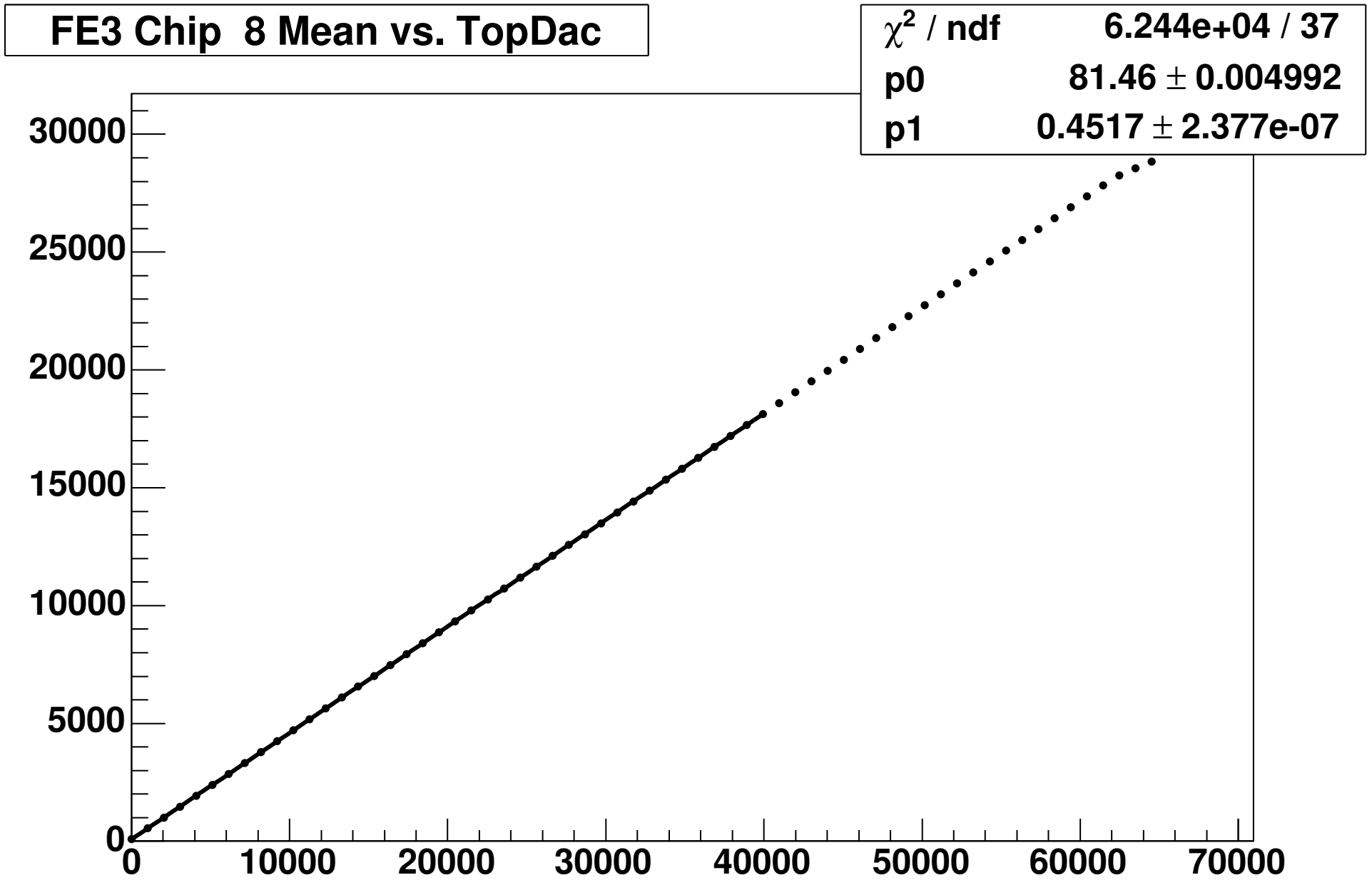
FE3 Chip 8 Mean vs. TopDac
χ² / ndf 6.244e+04 / 37
p0 81.46 ± 0.004992
p1 0.4517 ± 2.377e-07
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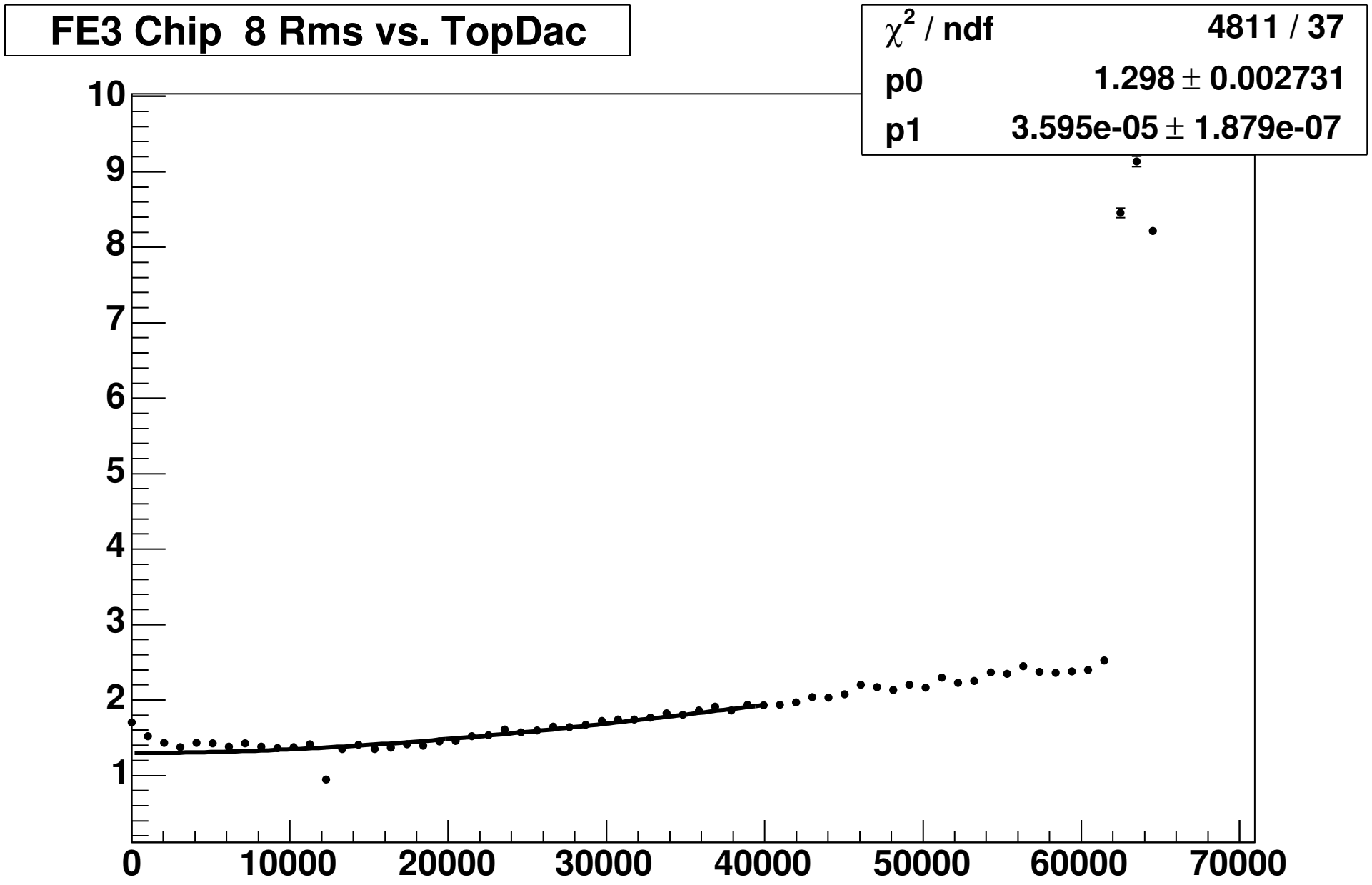
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 8 Rms vs. TopDac
χ² / ndf 4811 / 37
p0 1.298 ± 0.002731
p1 3.595e-05 ± 1.879e-07
10
9
8
7
6
5
4
3
2
1
0
10000
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30000
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50000
60000
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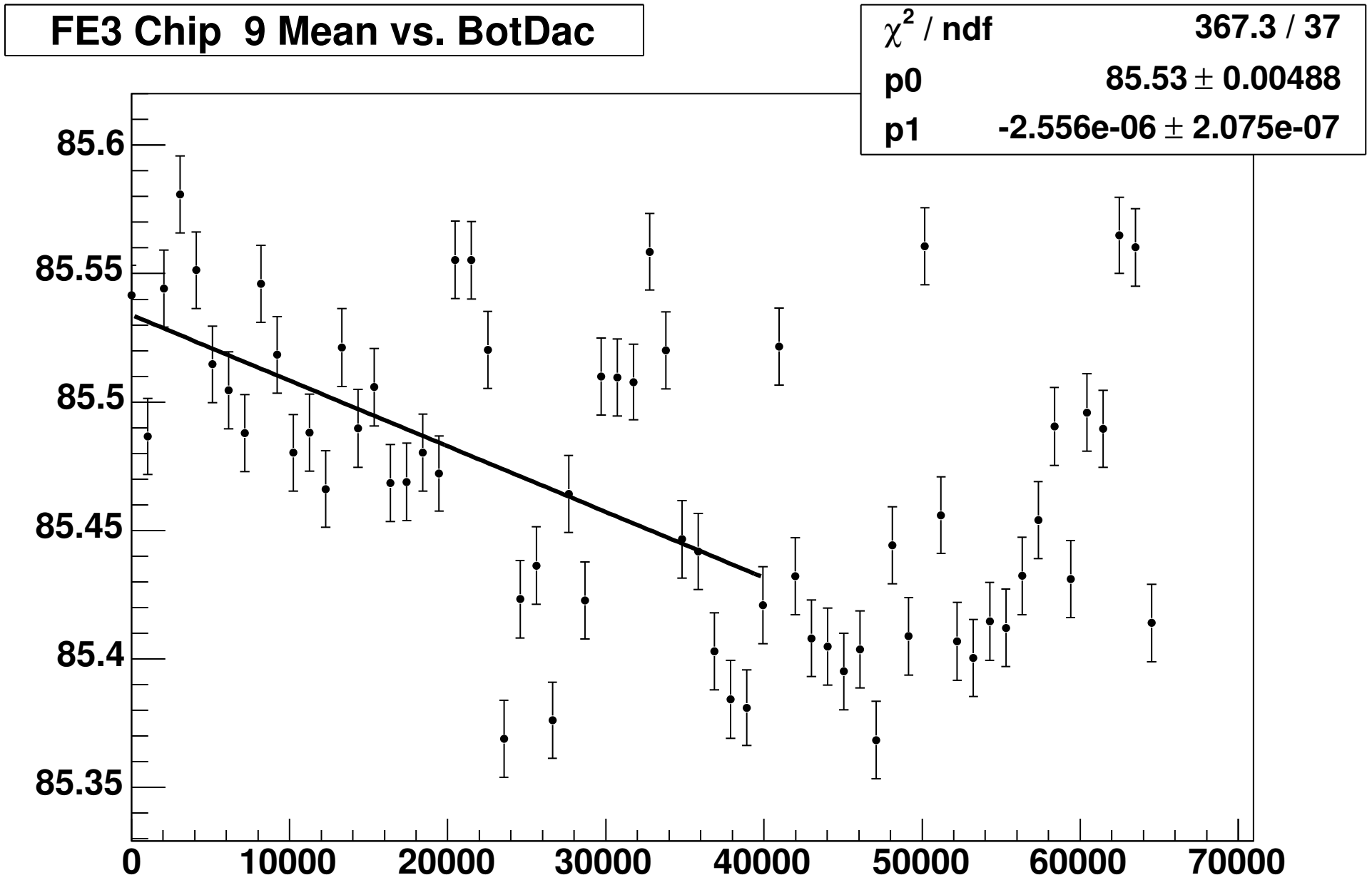
FE3 Chip 9 Mean vs. BotDac
χ² / ndf 367.3 / 37
p0 85.53 ± 0.00488
p1 -2.556e-06 ± 2.075e-07
85.6
85.55
85.5
85.45
85.4
85.35
0
10000
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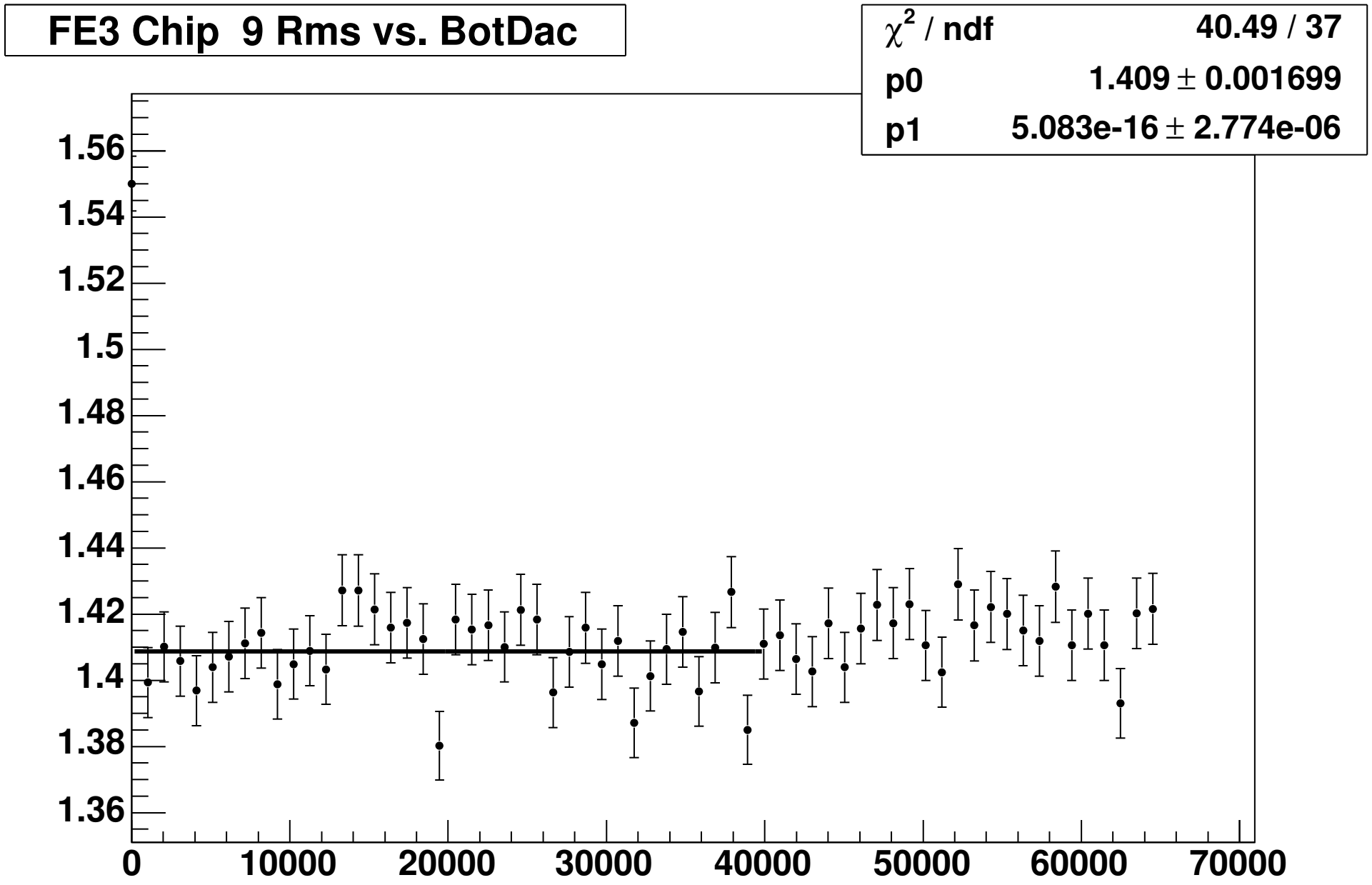
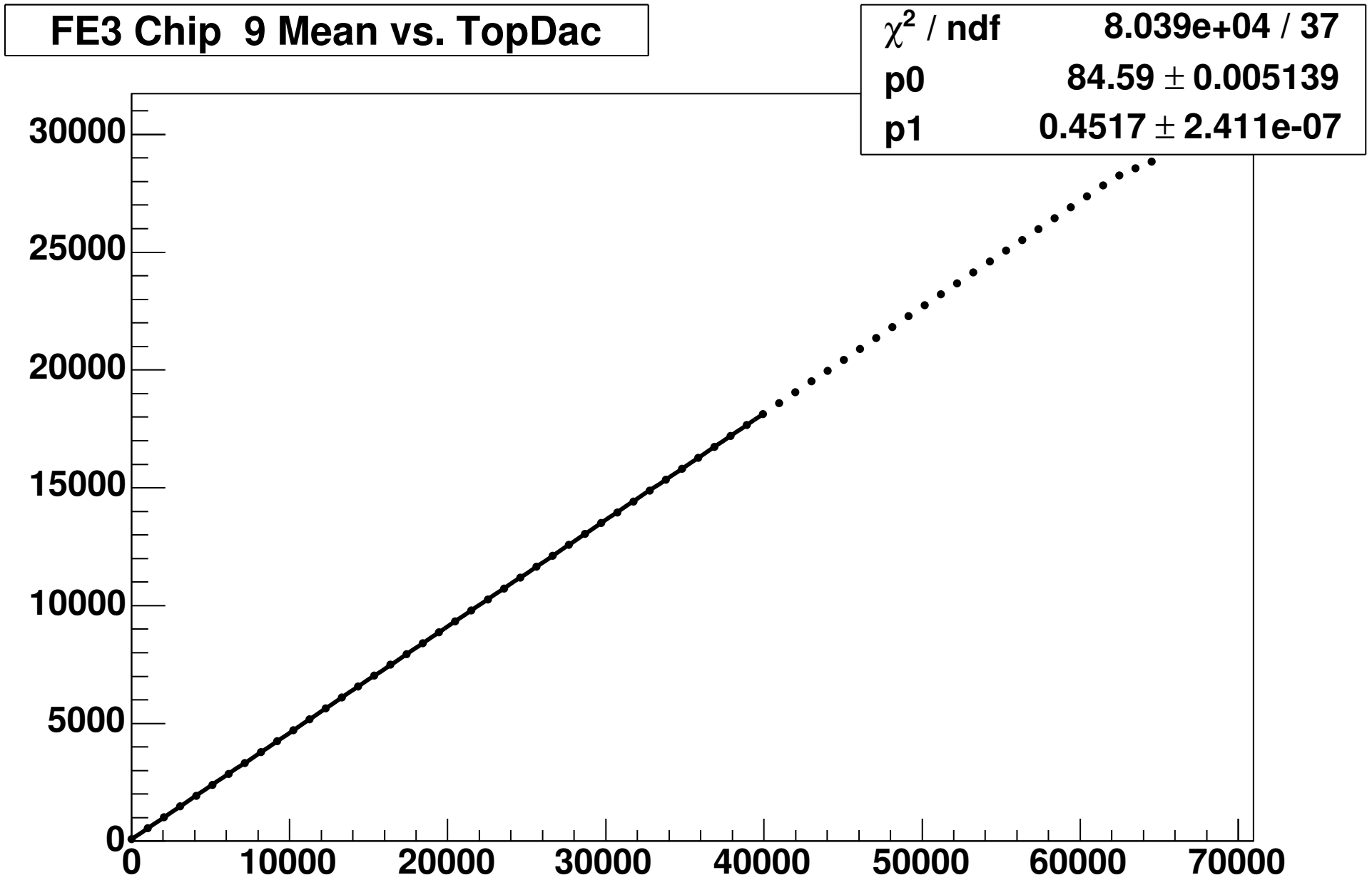
30000
40000
50000
60000
70000


FE3 Chip 9 Rms vs. BotDac
χ² / ndf 40.49 / 37
p0 1.409 ± 0.001699
p1 5.083e-16 ± 2.774e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
1.38
1.36
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 9 Mean vs. TopDac
χ² / ndf 8.039e+04 / 37
p0 84.59 ± 0.005139
p1 0.4517 ± 2.411e-07
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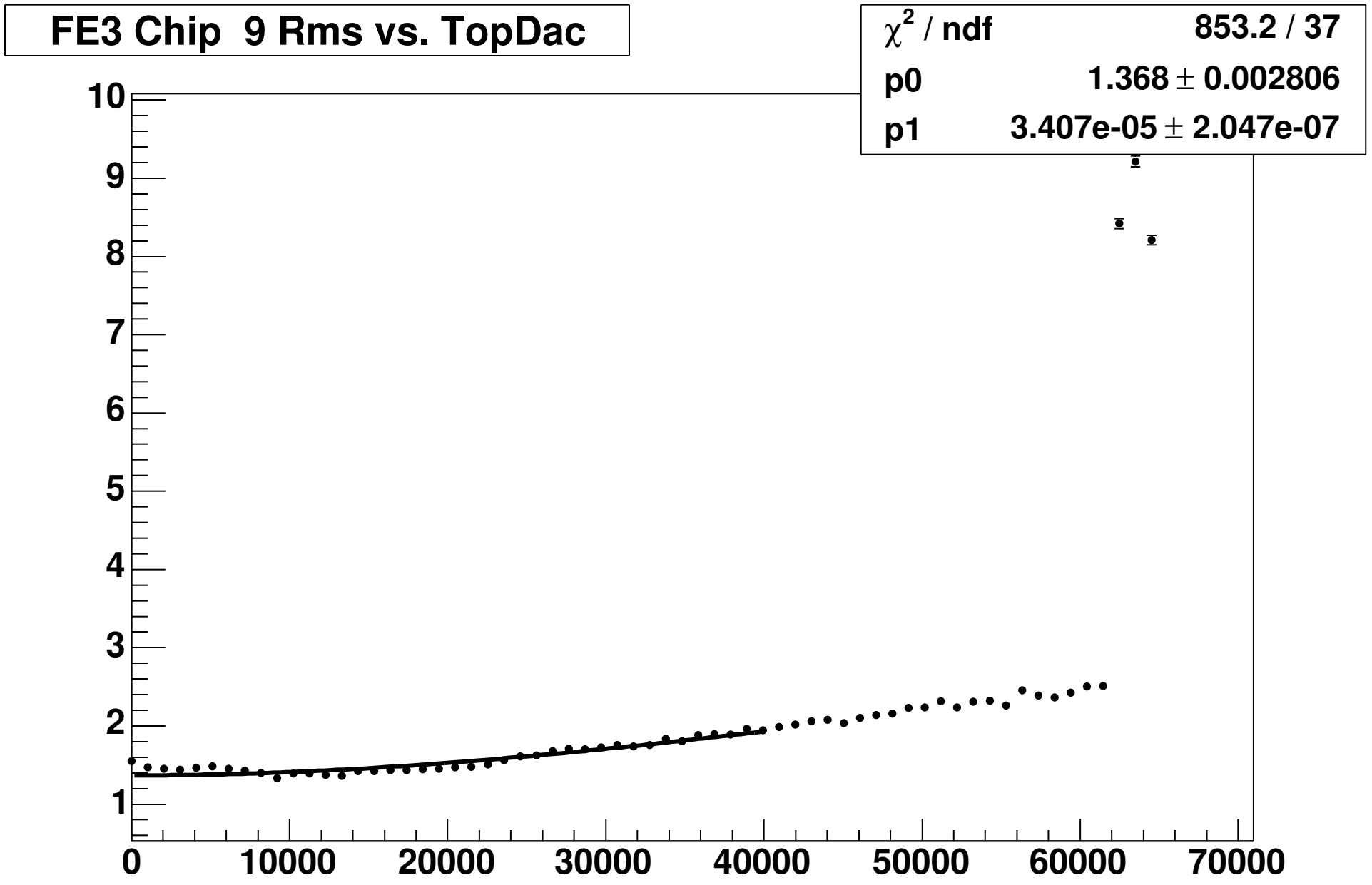
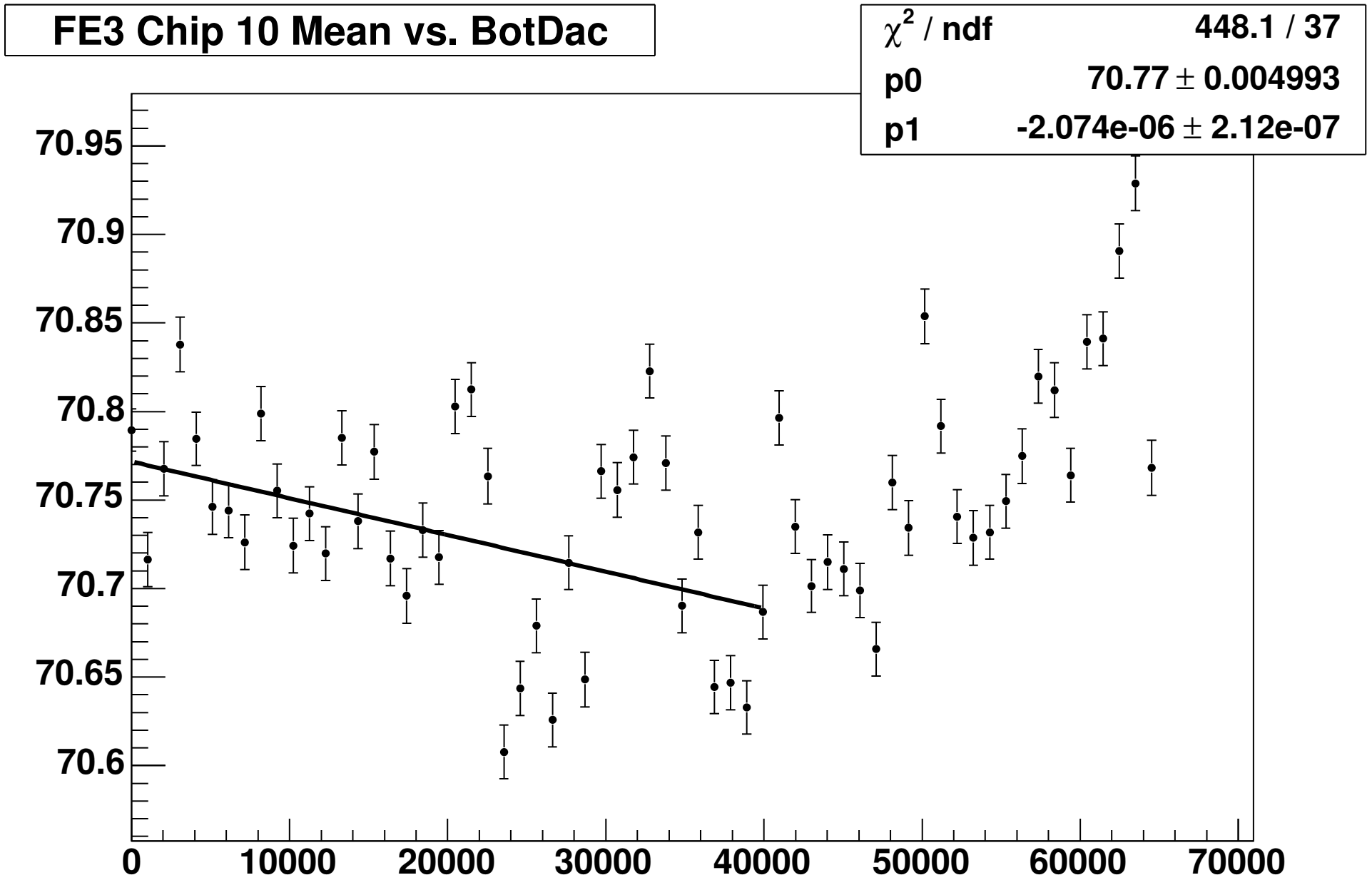
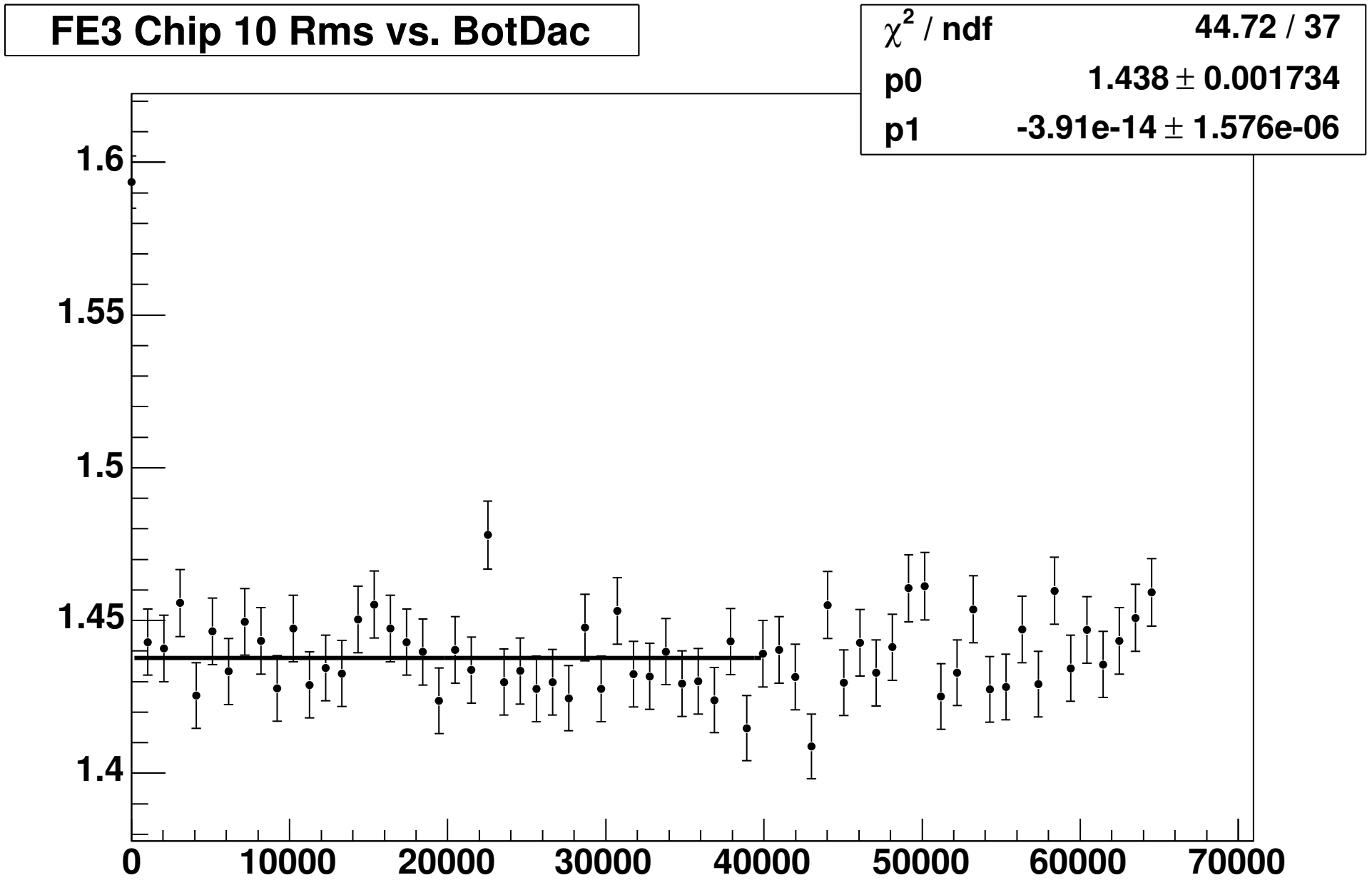
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 9 Rms vs. TopDac
χ² / ndf 853.2 / 37
p0 1.368 ± 0.002806
p1 3.407e-05 ± 2.047e-07
10
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 448.1 / 37
p0 70.77 ± 0.004993
p1 -2.074e-06 ± 2.12e-07
70.95
70.9
70.85
70.8
70.75
70.7
70.65
70.6
0
10000
20000
30000
40000
50000
60000
70000


FE3 Chip 10 Rms vs. BotDac
χ² / ndf 44.72 / 37
p0 1.438 ± 0.001734
p1 -3.91e-14 ± 1.576e-06
1.6
1.55
1.5
1.45
1.4
0
10000
20000
30000
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60000
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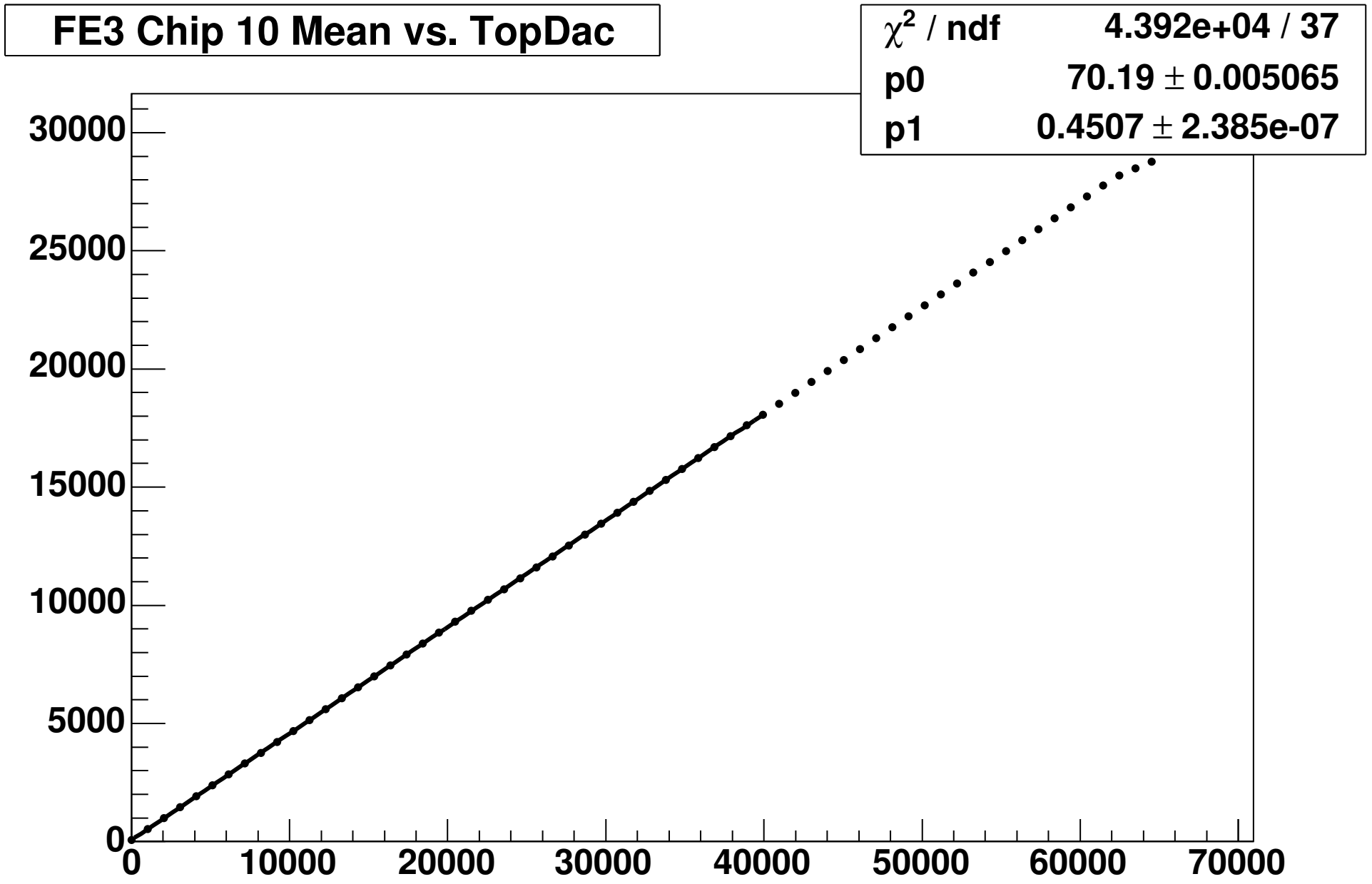
FE3 Chip 10 Mean vs. TopDac
χ² / ndf 4.392e+04 / 37
p0 70.19 ± 0.005065
p1 0.4507 ± 2.385e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
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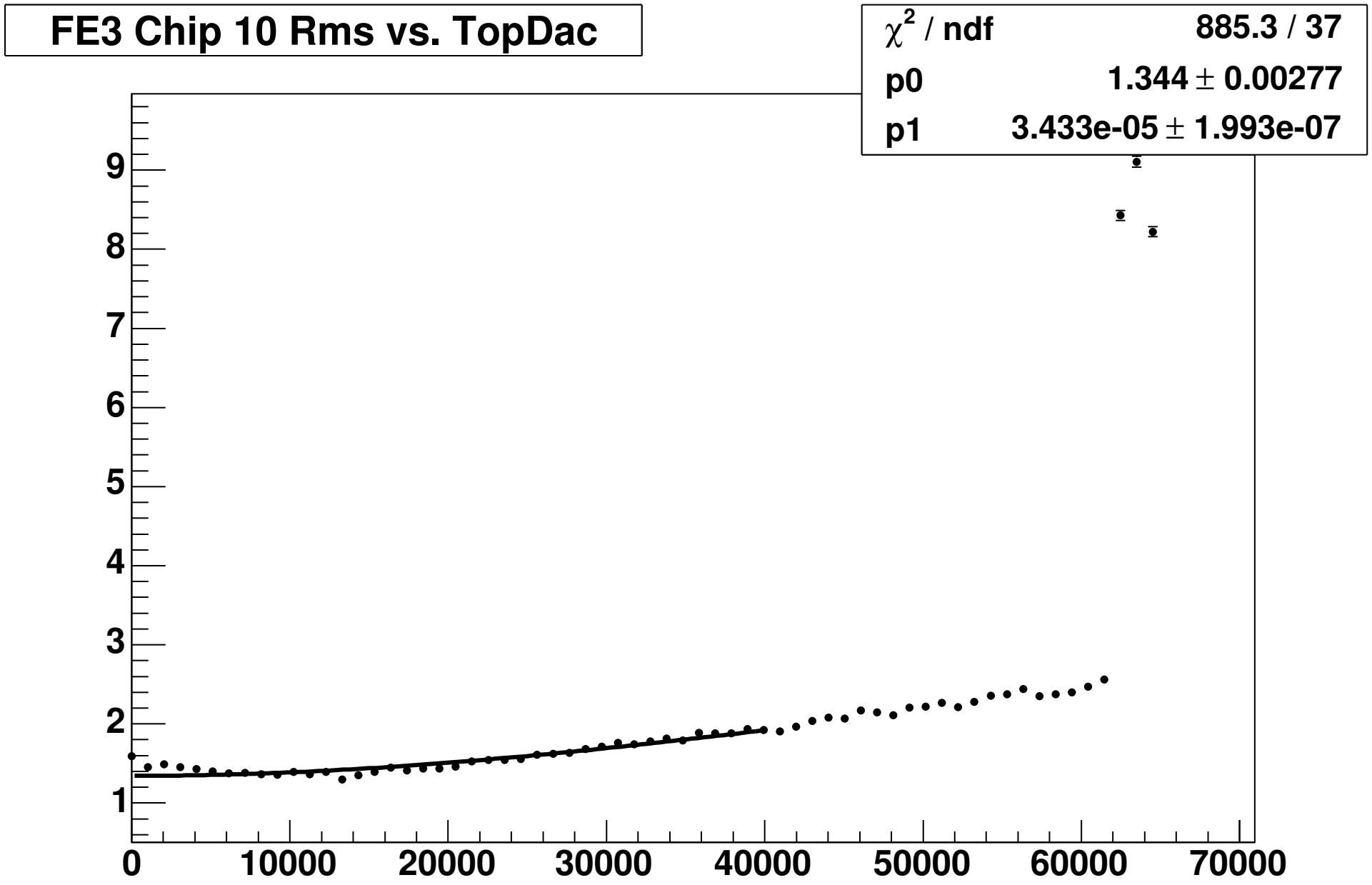
FE3 Chip 10 Rms vs. TopDac
χ² / ndf 885.3 / 37
p0 1.344 ± 0.00277
p1 3.433e-05 ± 1.993e-07
9
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7
6
5
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2
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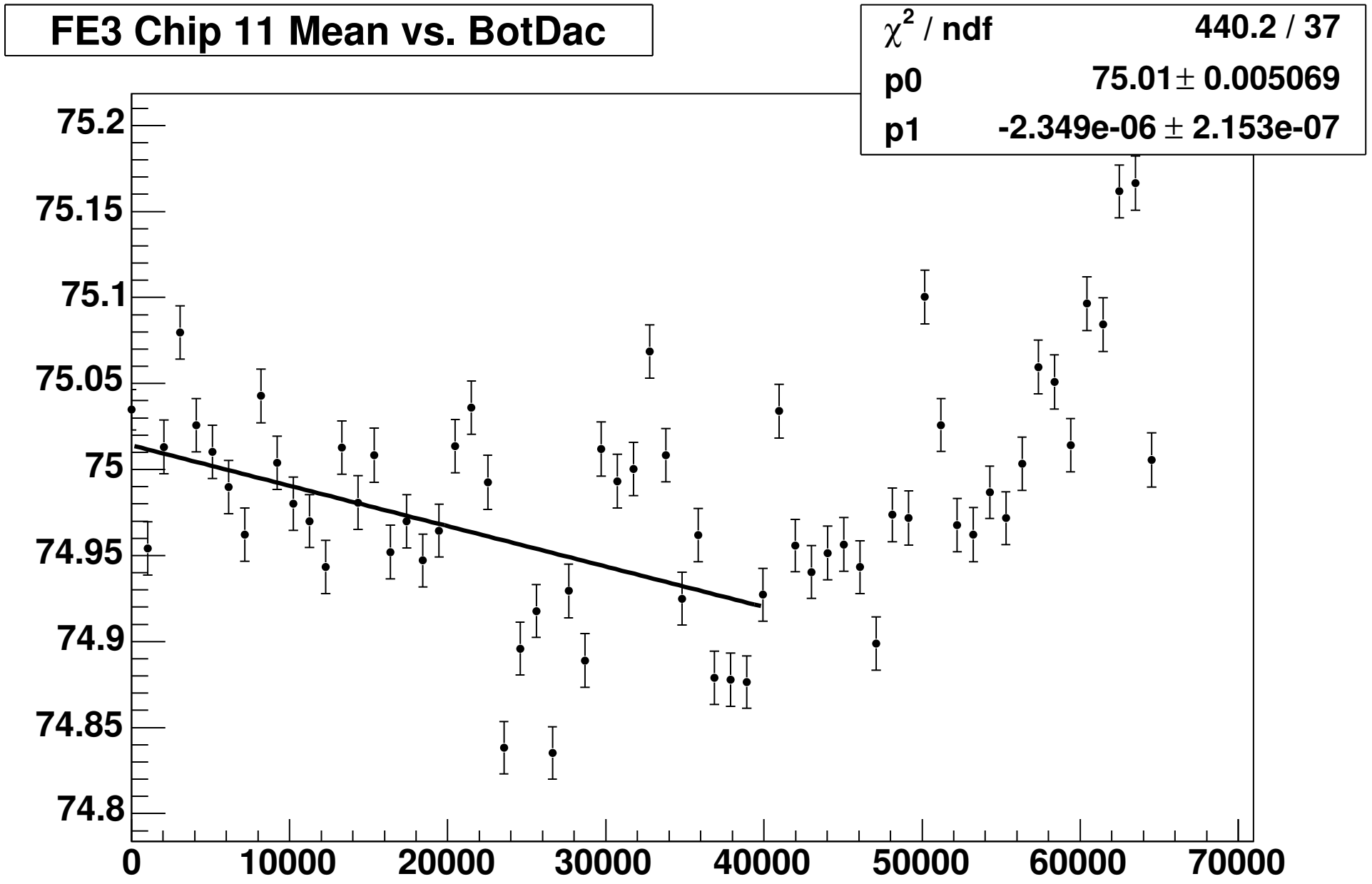
FE3 Chip 11 Mean vs. BotDac
χ² / ndf 440.2 / 37
p0 75.01 ± 0.005069
p1 -2.349e-06 ± 2.153e-07
75.2
75.15
75.1
75.05
75
74.95
74.9
74.85
74.8
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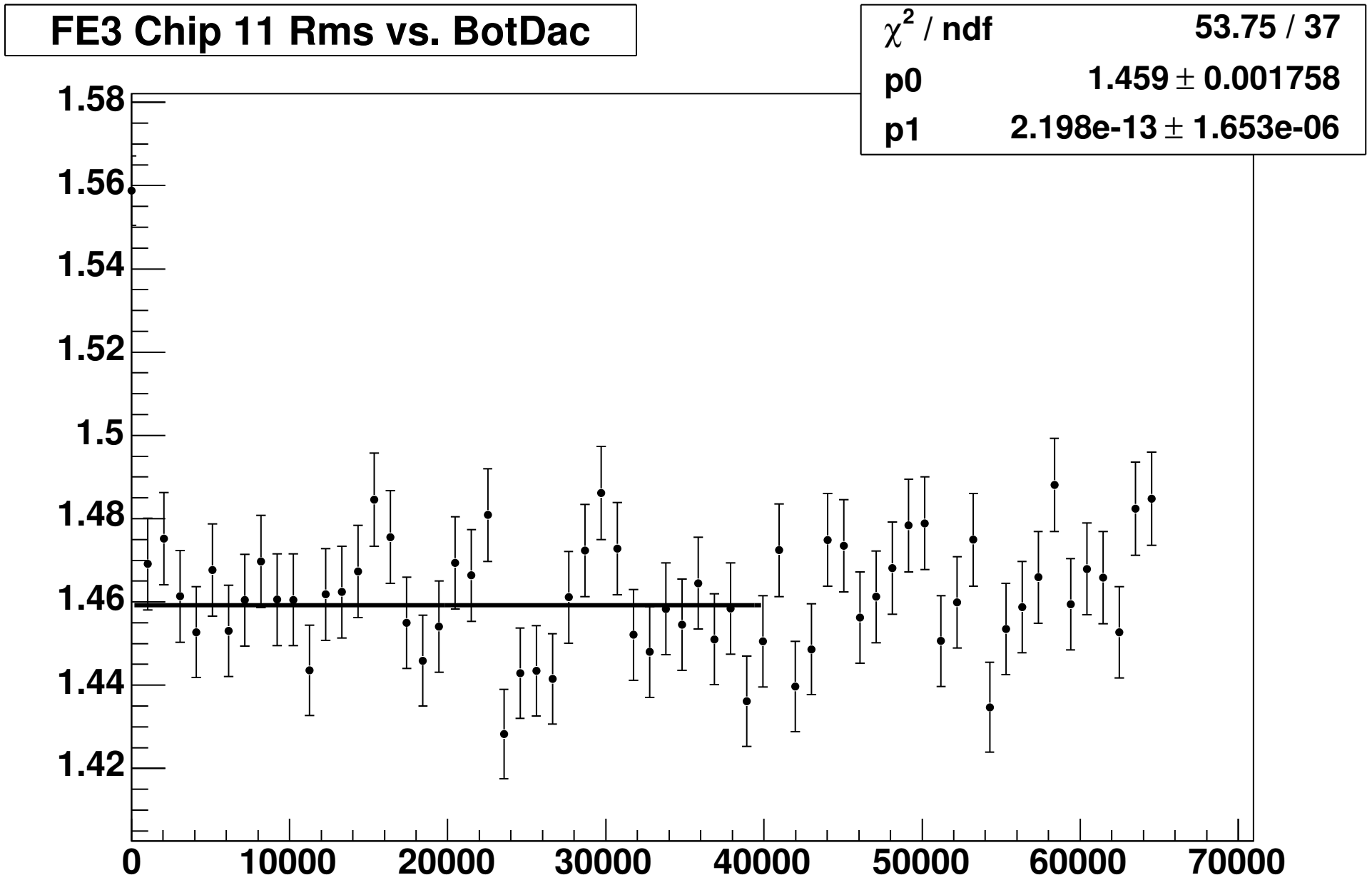
FE3 Chip 11 Rms vs. BotDac
χ² / ndf 53.75 / 37
p0 1.459 ± 0.001758
p1 2.198e-13 ± 1.653e-06
1.58
1.56
1.54
1.52
1.5
1.48
1.46
1.44
1.42
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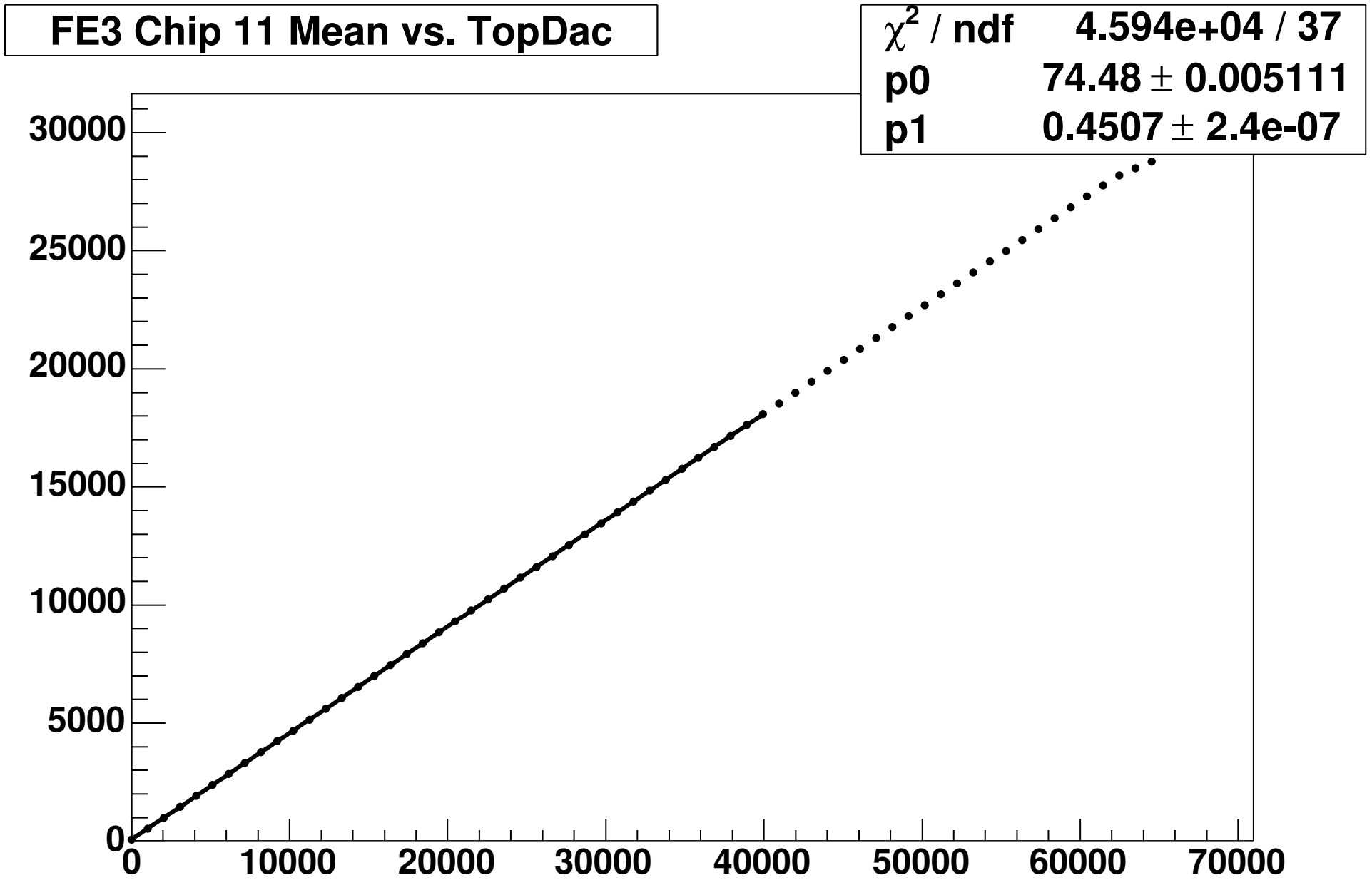
FE3 Chip 11 Mean vs. TopDac
χ² / ndf 4.594e+04 / 37
p0 74.48 ± 0.005111
p1 0.4507 ± 2.4e-07
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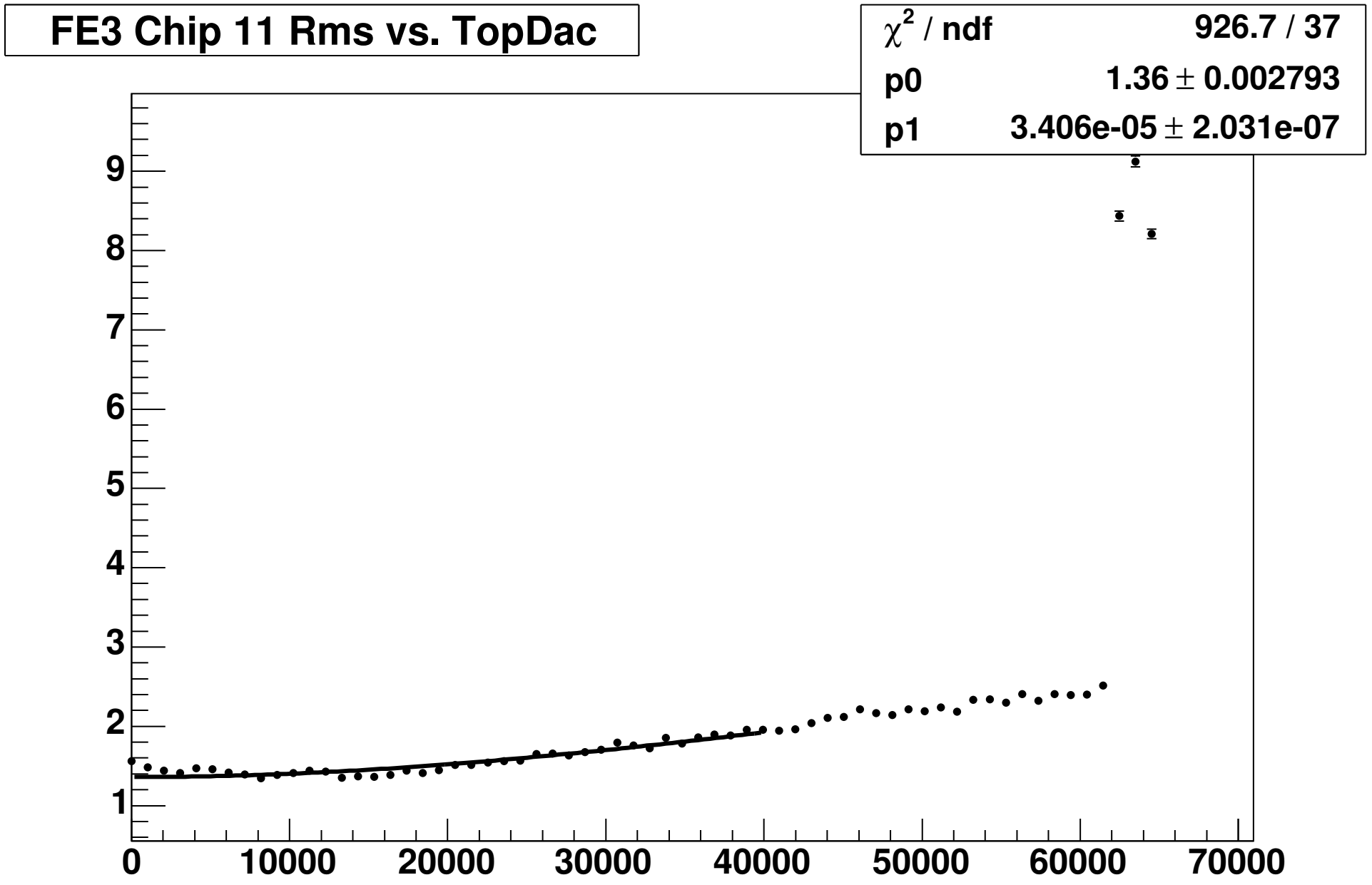
FE3 Chip 11 Rms vs. TopDac
χ^2 / ndf 926.7 / 37
p0 1.36 ± 0.002793
p1 3.406e-05 ± 2.031e-07
9
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6
5
4
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2
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0
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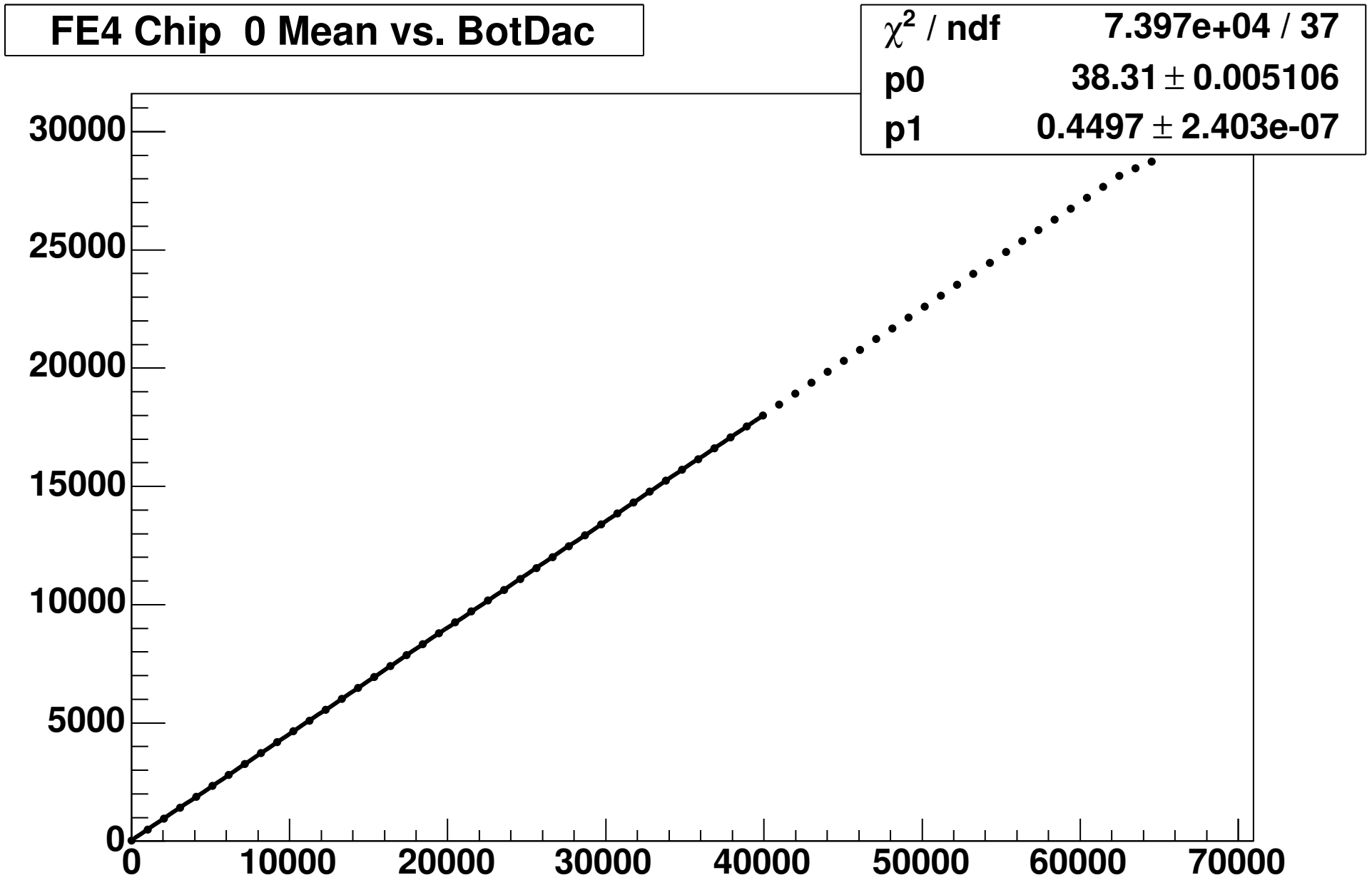
FE4 Chip 0 Mean vs. BotDac
χ² / ndf 7.397e+04 / 37
p0 38.31 ± 0.005106
p1 0.4497 ± 2.403e-07
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25000
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15000
10000
5000
0
0
10000
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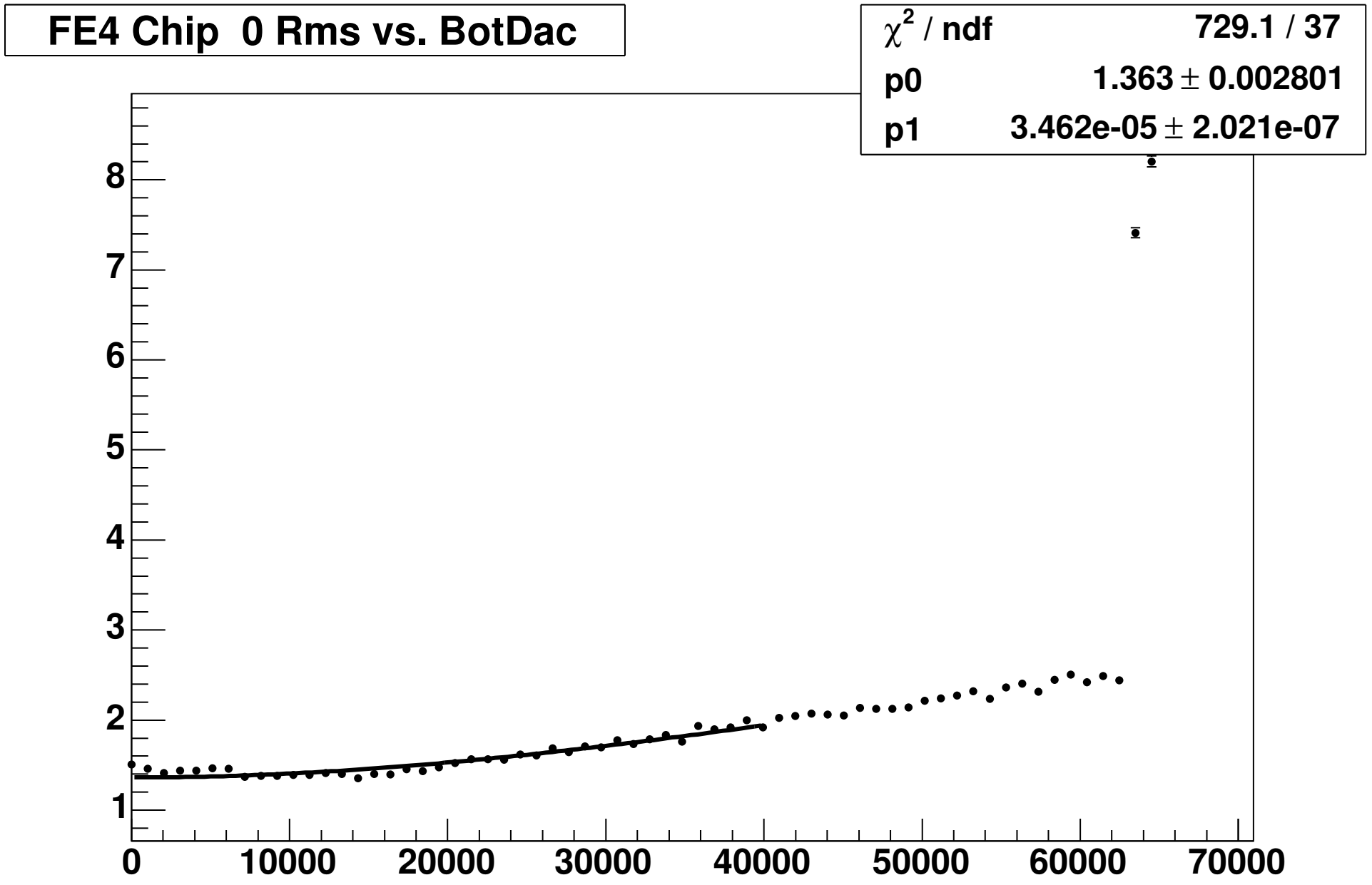
FE4 Chip 0 Rms vs. BotDac
χ² / ndf 729.1 / 37
p0 1.363 ± 0.002801
p1 3.462e-05 ± 2.021e-07
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6
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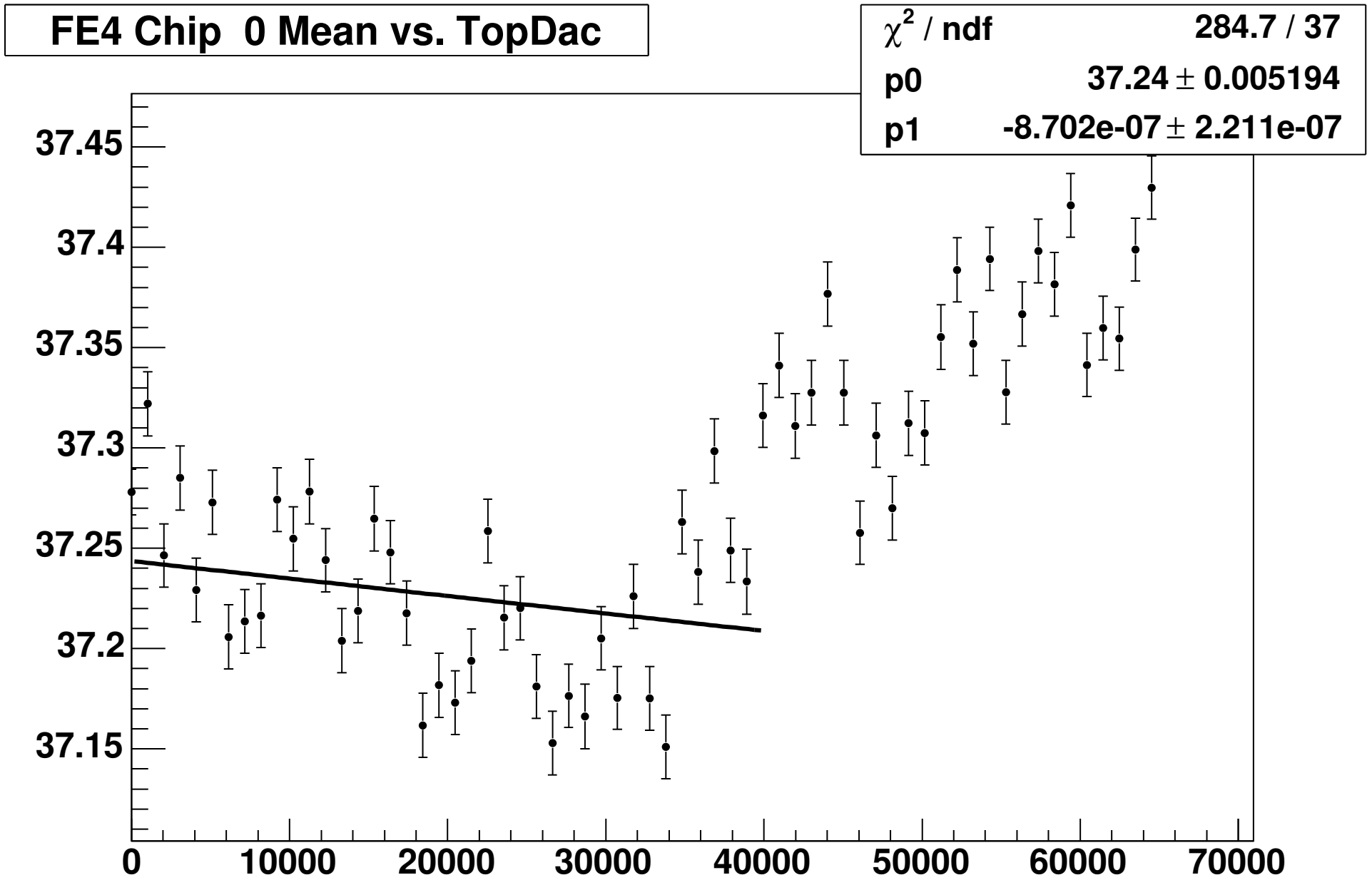
FE4 Chip 0 Mean vs. TopDac
χ² / ndf 284.7 / 37
p0 37.24 ± 0.005194
p1 -8.702e-07 ± 2.211e-07
37.45
37.4
37.35
37.3
37.25
37.2
37.15
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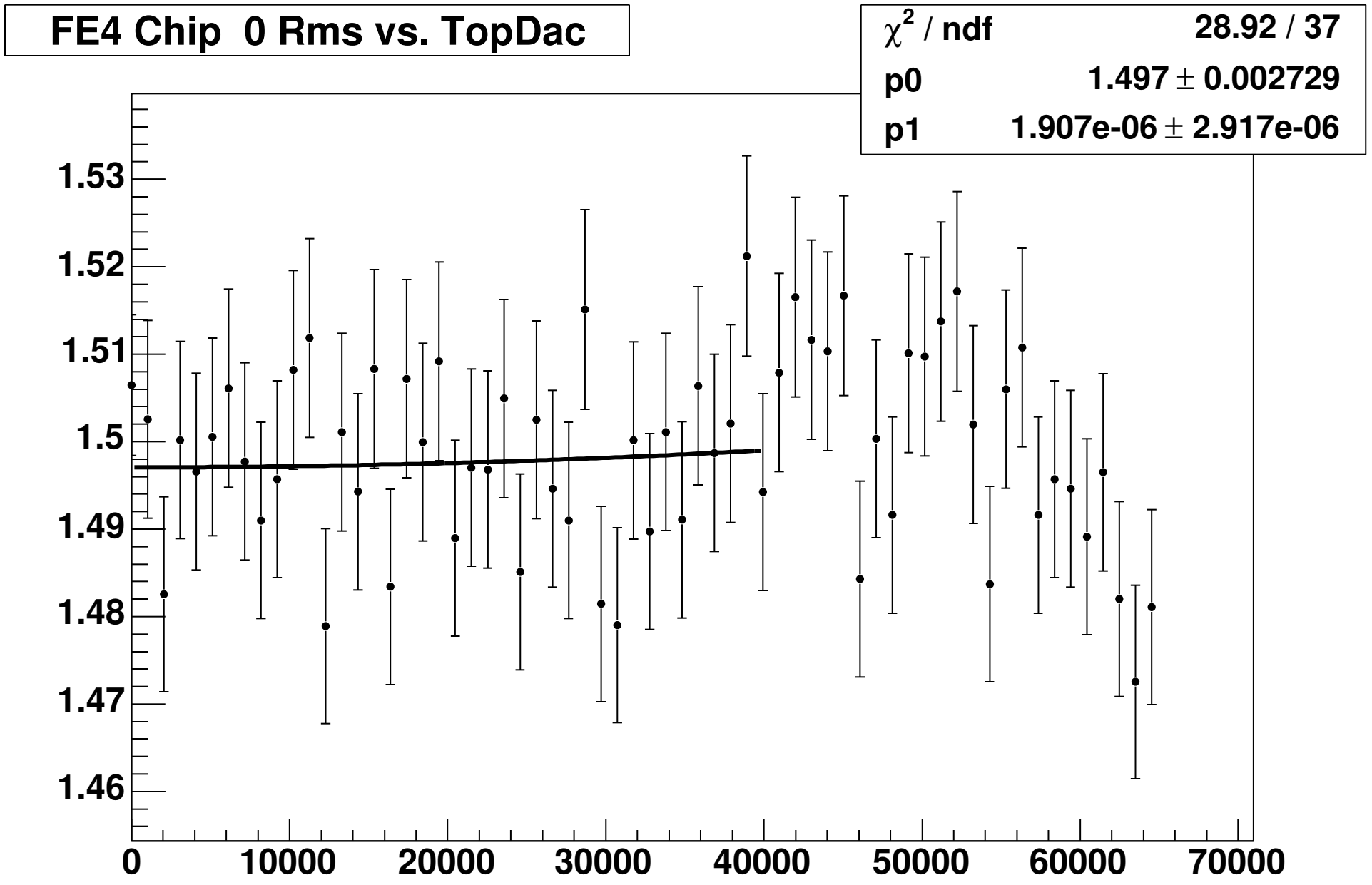
FE4 Chip 0 Rms vs. TopDac
χ² / ndf 28.92 / 37
p0 1.497 ± 0.002729
p1 1.907e-06 ± 2.917e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
0
10000
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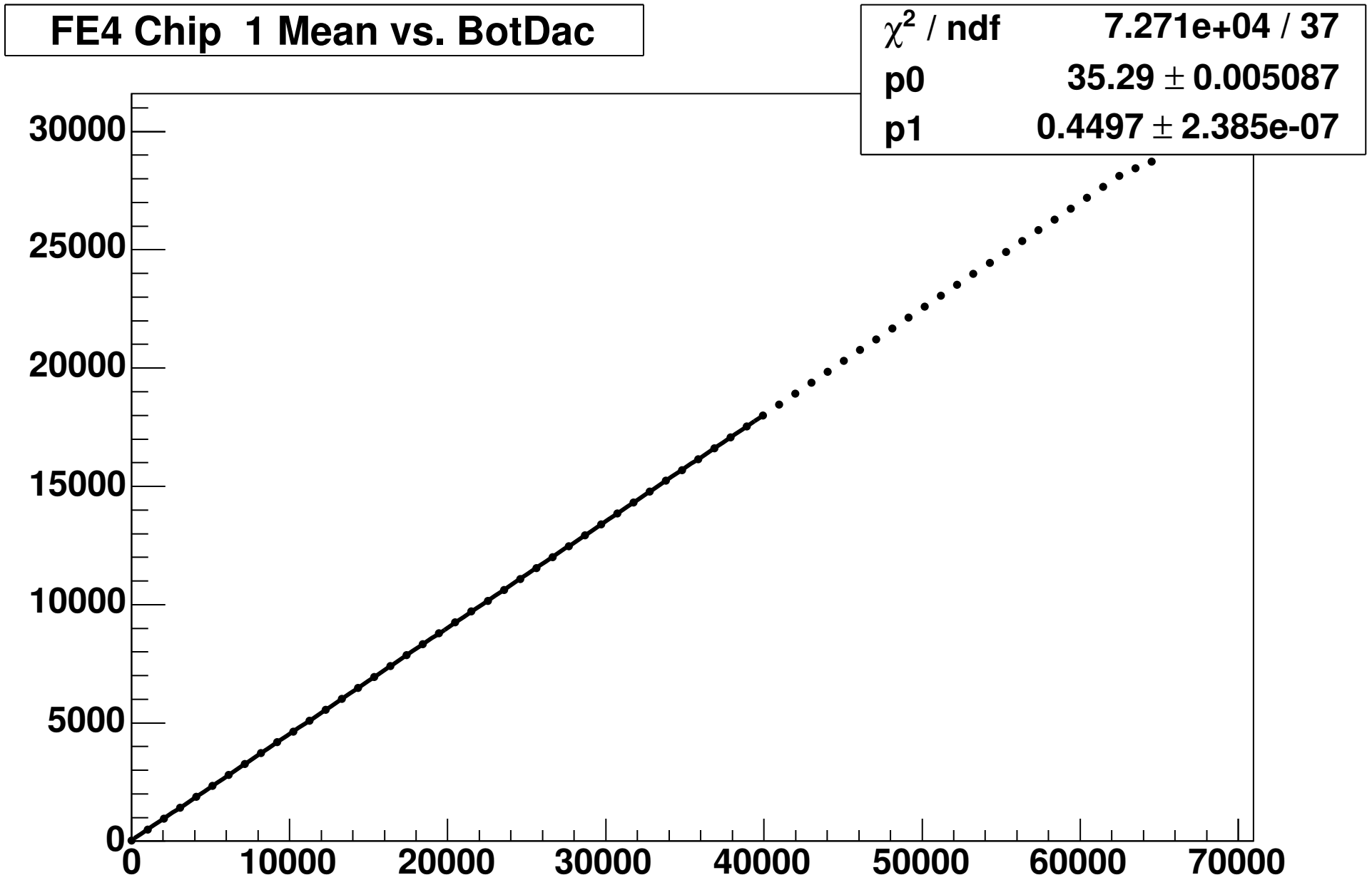
FE4 Chip 1 Mean vs. BotDac
χ² / ndf 7.271e+04 / 37
p0 35.29 ± 0.005087
p1 0.4497 ± 2.385e-07
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20000
15000
10000
5000
0
0
10000
20000
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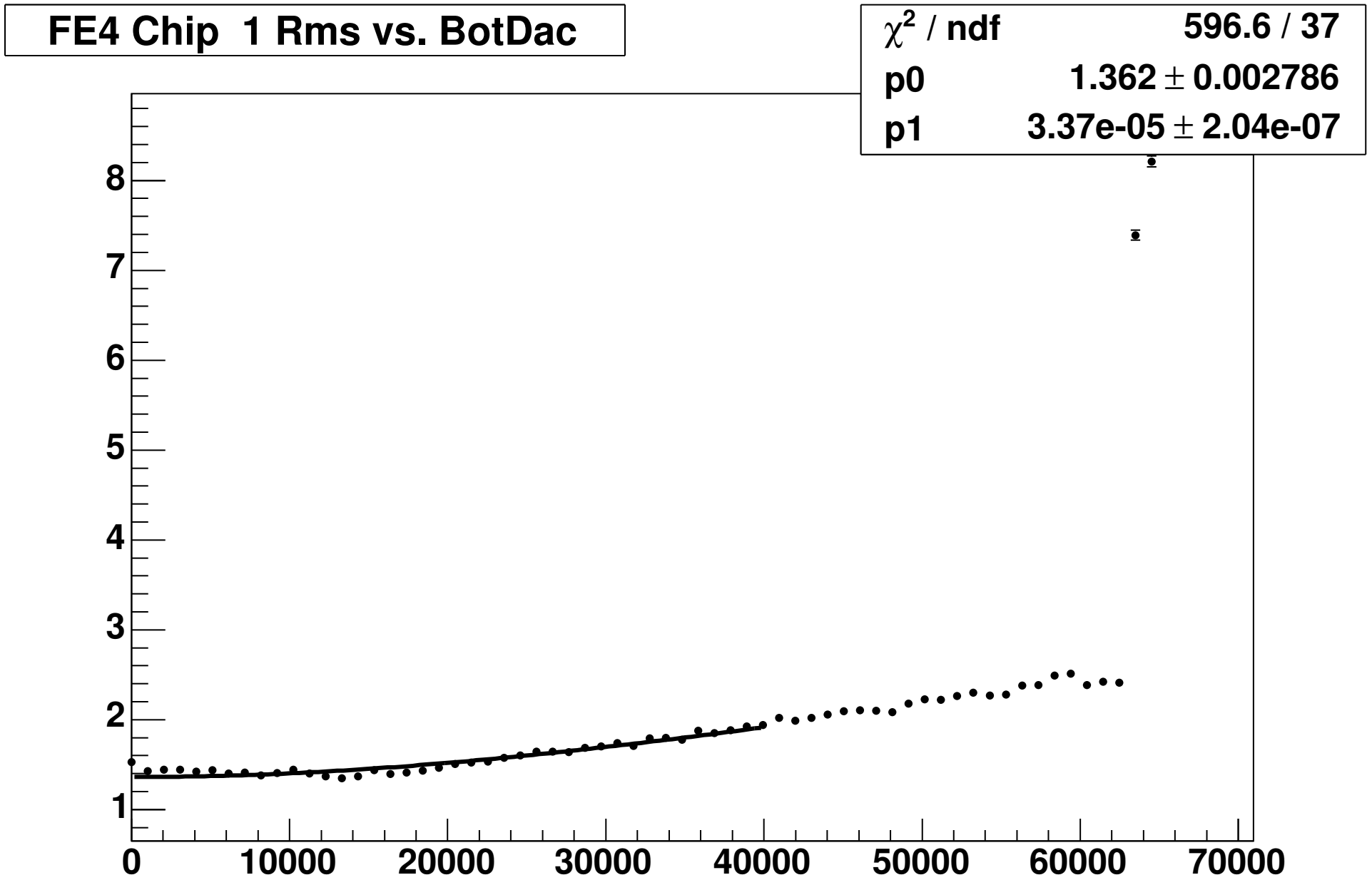
FE4 Chip 1 Rms vs. BotDac
χ² / ndf 596.6 / 37
p0 1.362 ± 0.002786
p1 3.37e-05 ± 2.04e-07
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7
6
5
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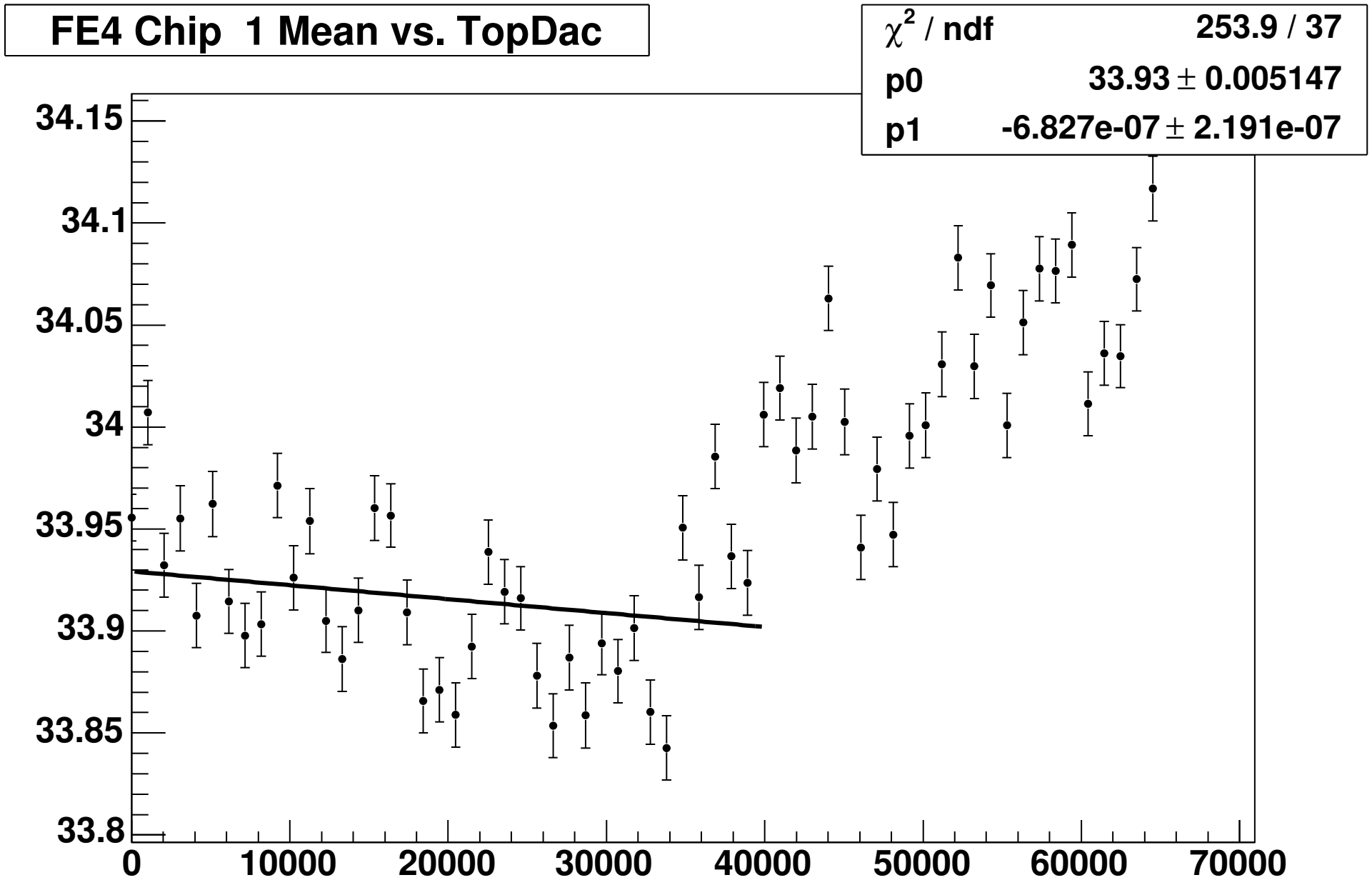
FE4 Chip 1 Mean vs. TopDac
χ² / ndf 253.9 / 37
p0 33.93 ± 0.005147
p1 -6.827e-07 ± 2.191e-07
34.15
34.1
34.05
34
33.95
33.9
33.85
33.8
0
10000
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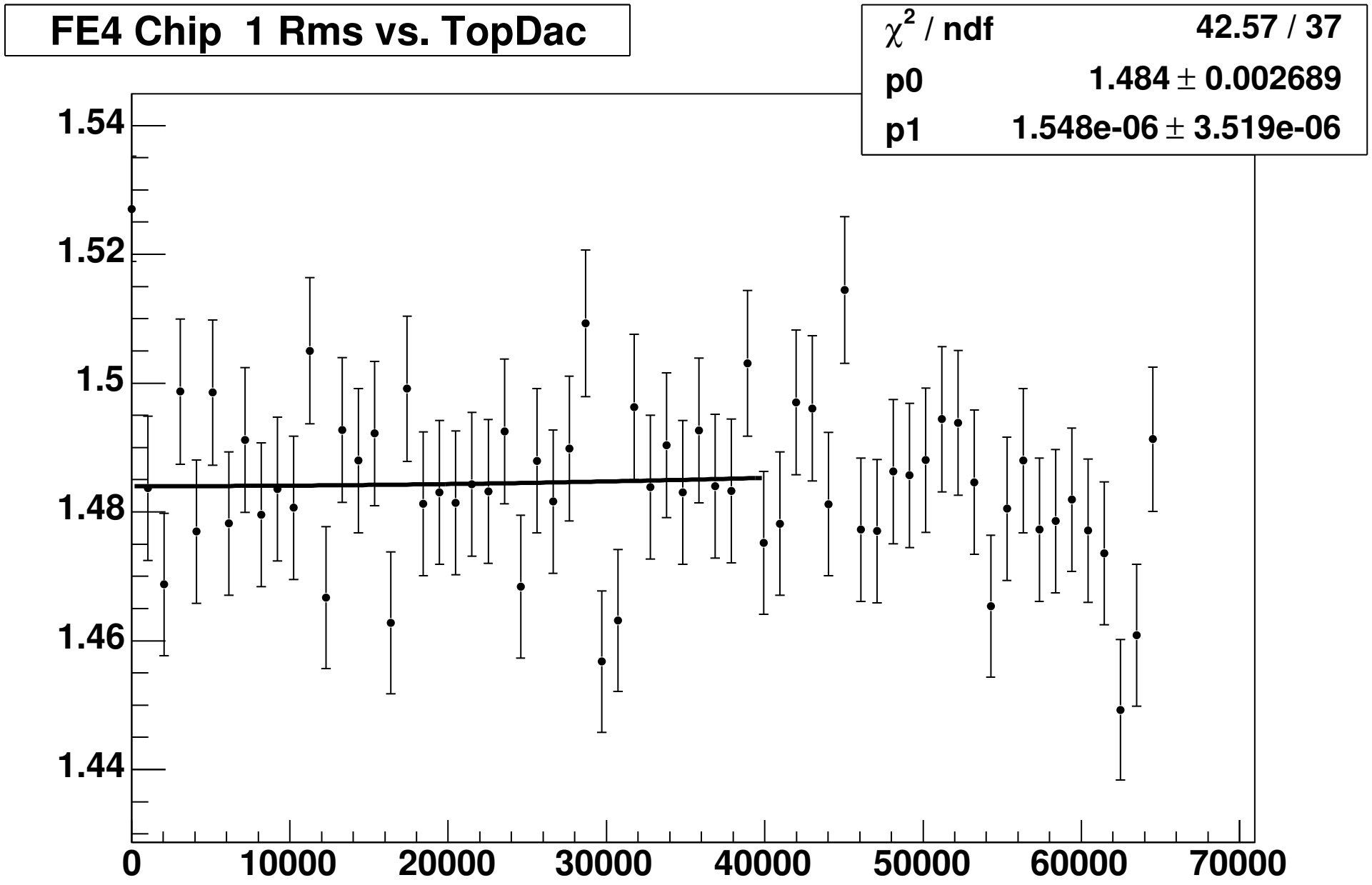
FE4 Chip 1 Rms vs. TopDac
χ² / ndf 42.57 / 37
p0 1.484 ± 0.002689
p1 1.548e-06 ± 3.519e-06
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
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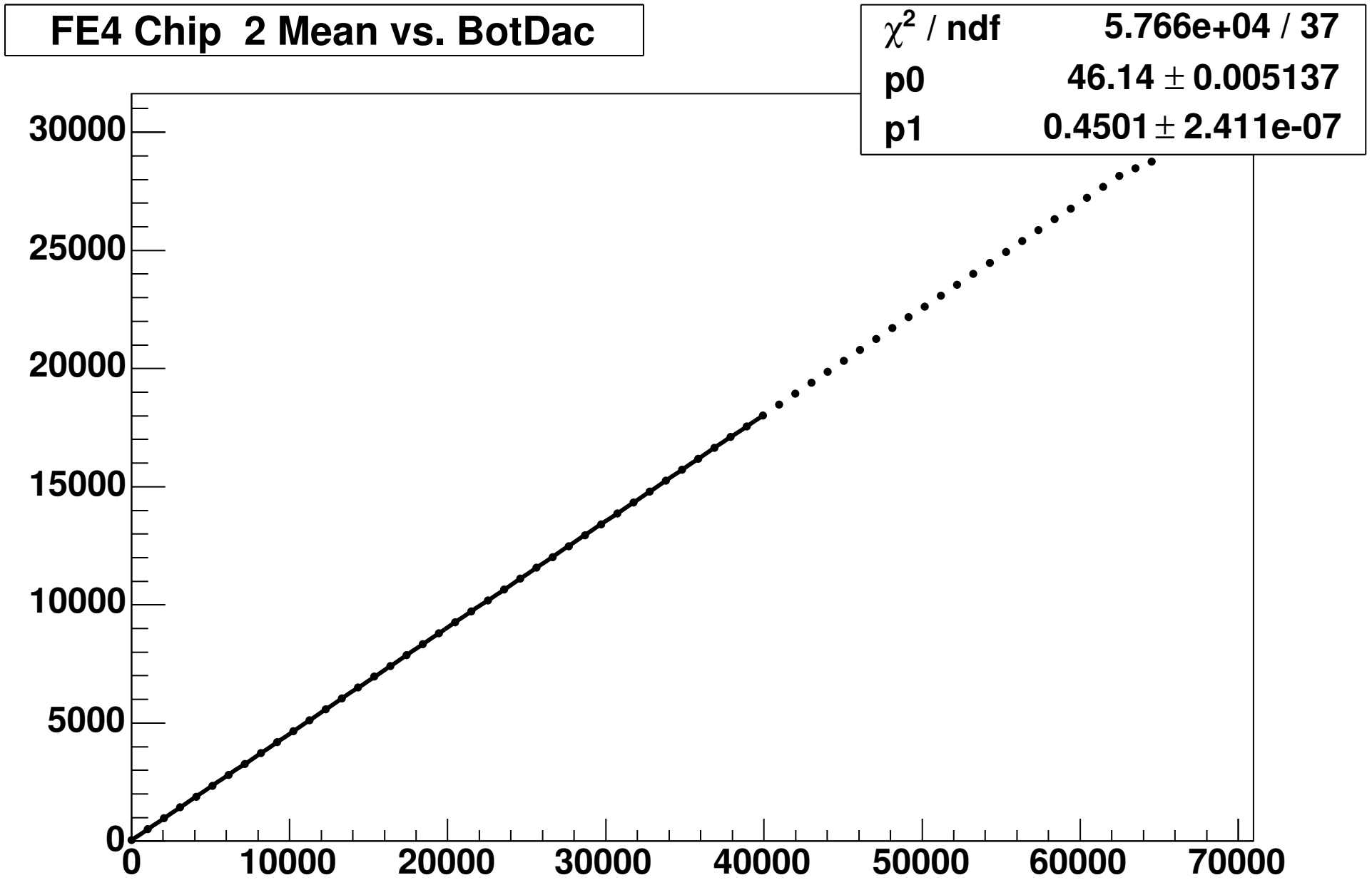
FE4 Chip 2 Mean vs. BotDac
χ² / ndf 5.766e+04 / 37
p0 46.14 ± 0.005137
p1 0.4501 ± 2.411e-07
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25000
20000
15000
10000
5000
0
0
10000
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30000
40000
50000
60000
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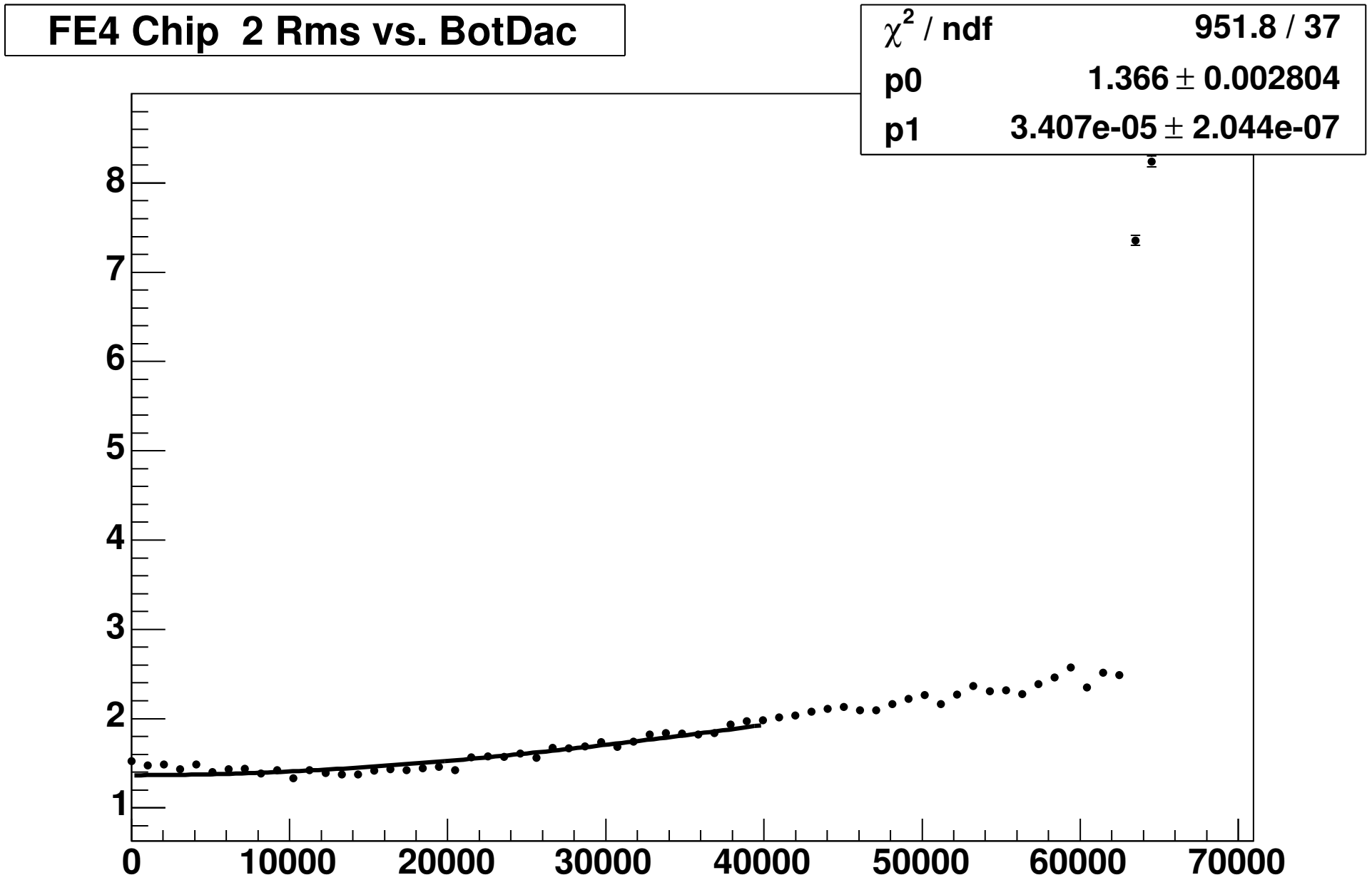
FE4 Chip 2 Rms vs. BotDac
χ² / ndf 951.8 / 37
p0 1.366 ± 0.002804
p1 3.407e-05 ± 2.044e-07
8
7
6
5
4
3
2
1
0
10000
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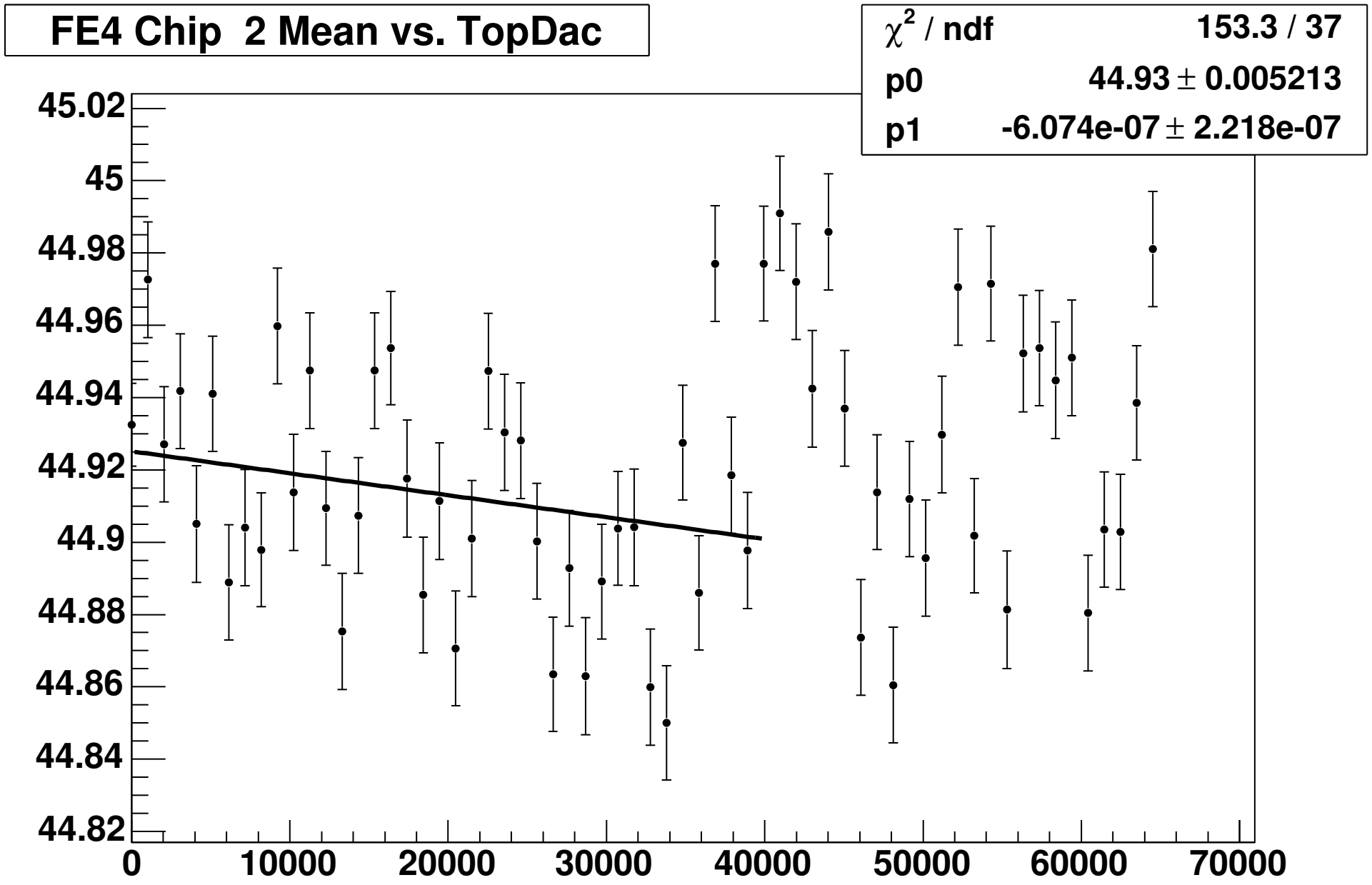
FE4 Chip 2 Mean vs. TopDac
χ² / ndf 153.3 / 37
p0 44.93 ± 0.005213
p1 -6.074e-07 ± 2.218e-07
45.02
45
44.98
44.96
44.94
44.92
44.9
44.88
44.86
44.84
44.82
0
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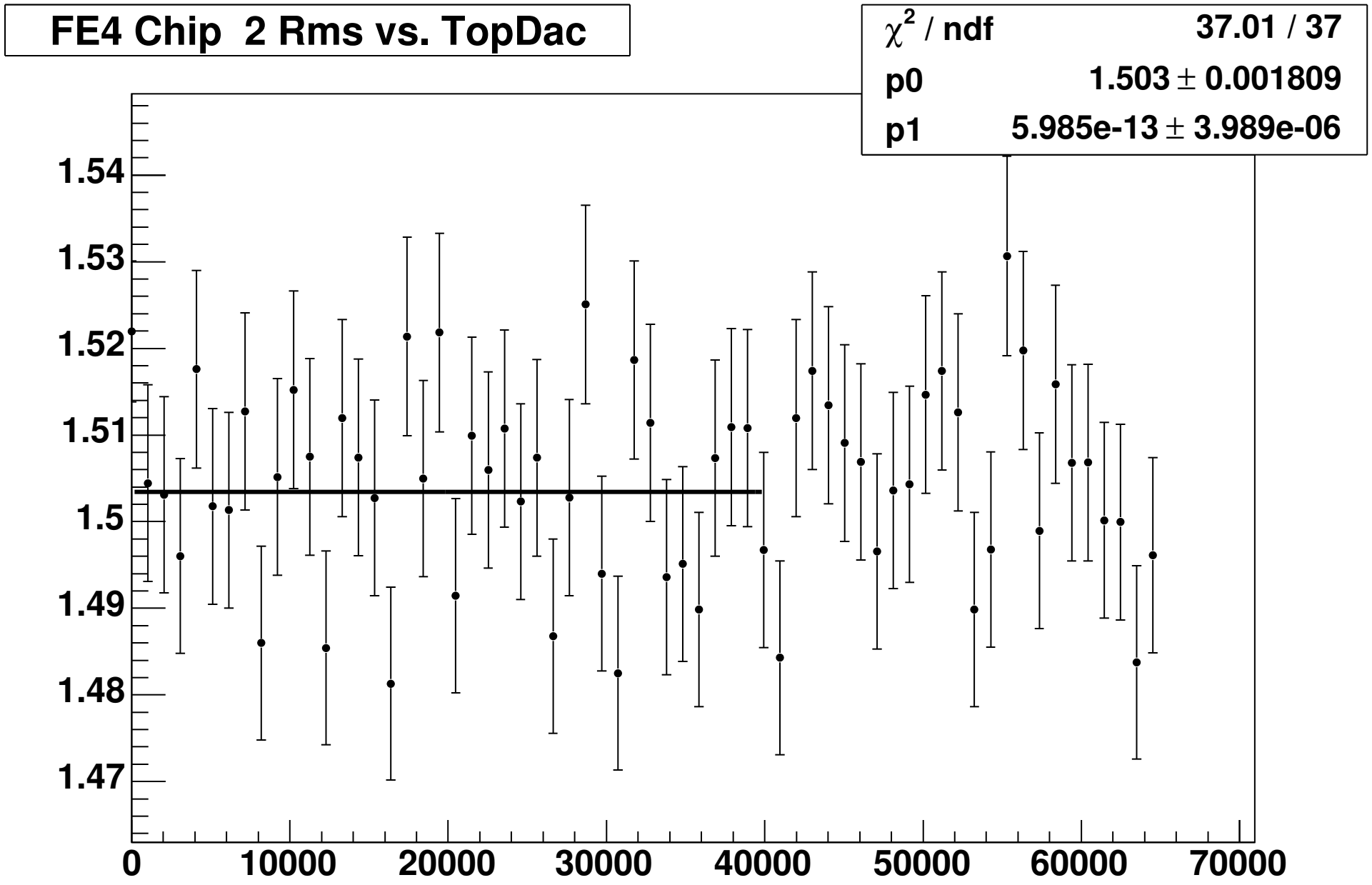
FE4 Chip 2 Rms vs. TopDac
χ² / ndf 37.01 / 37
p0 1.503 ± 0.001809
p1 5.985e-13 ± 3.989e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
0
10000
20000
30000
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50000
60000
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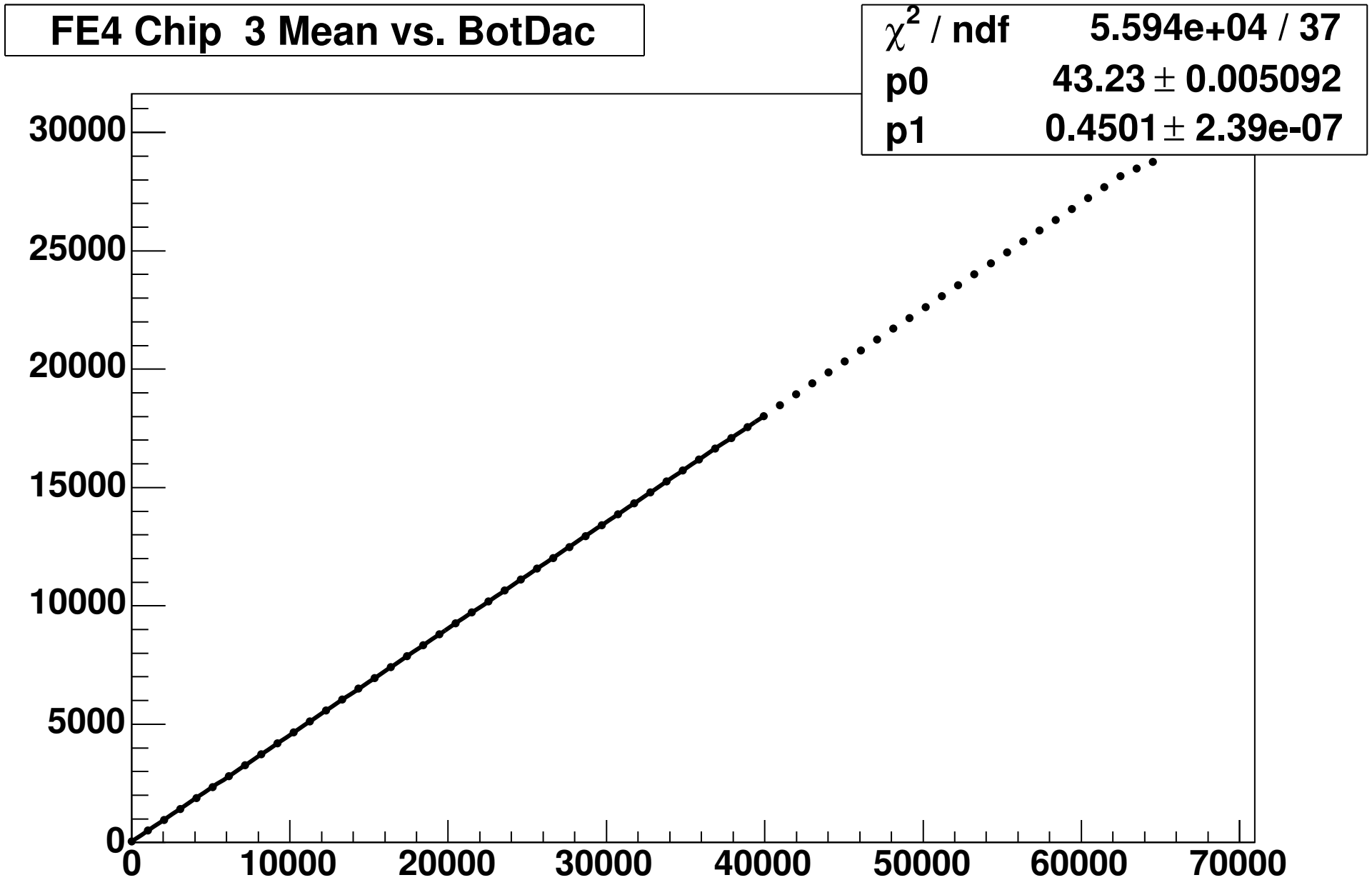
FE4 Chip 3 Mean vs. BotDac
χ² / ndf 5.594e+04 / 37
p0 43.23 ± 0.005092
p1 0.4501 ± 2.39e-07
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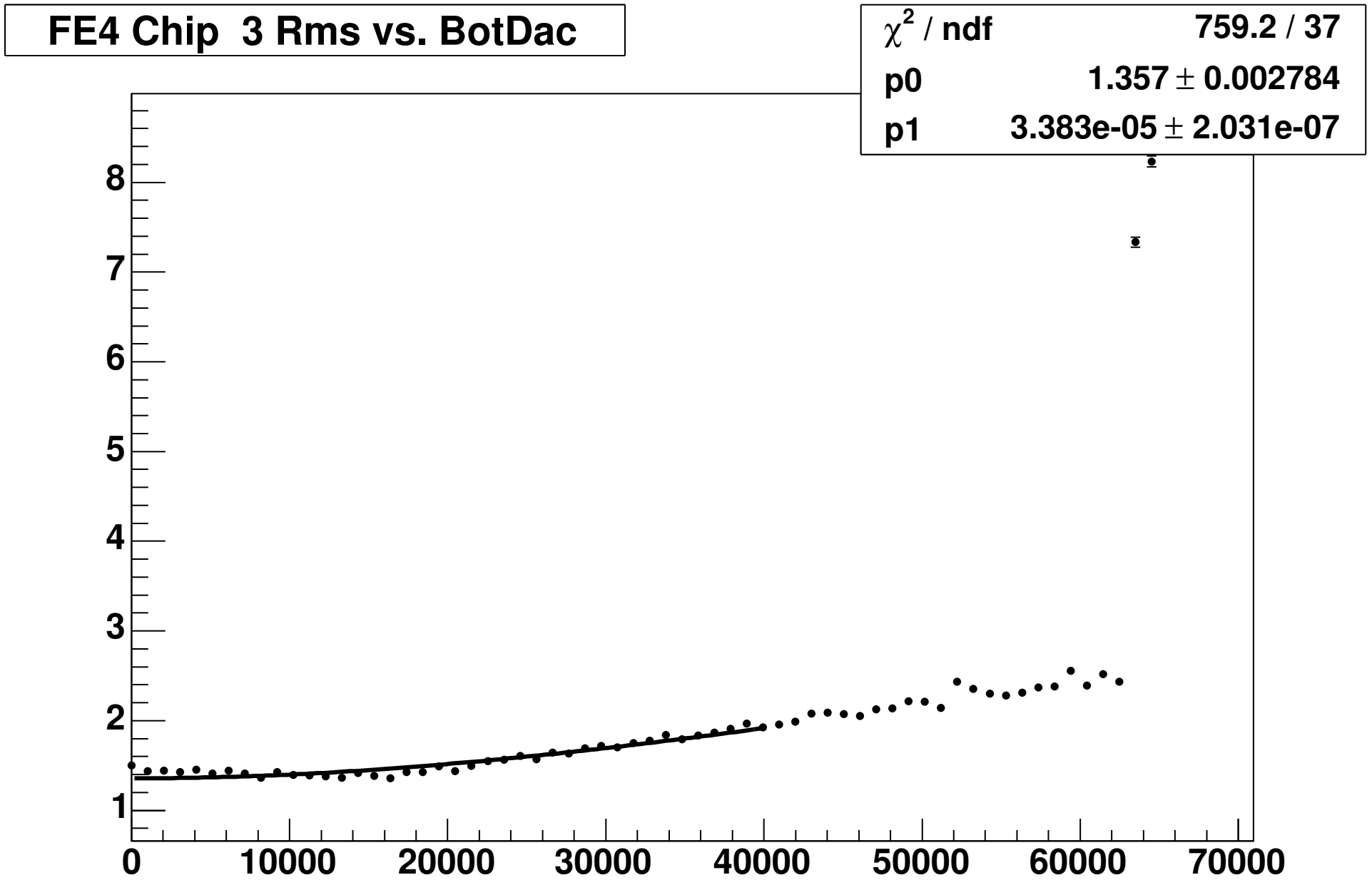
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE4 Chip 3 Rms vs. BotDac
χ² / ndf 759.2 / 37
p0 1.357 ± 0.002784
p1 3.383e-05 ± 2.031e-07
8
7
6
5
4
3
2
1
0
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20000
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50000
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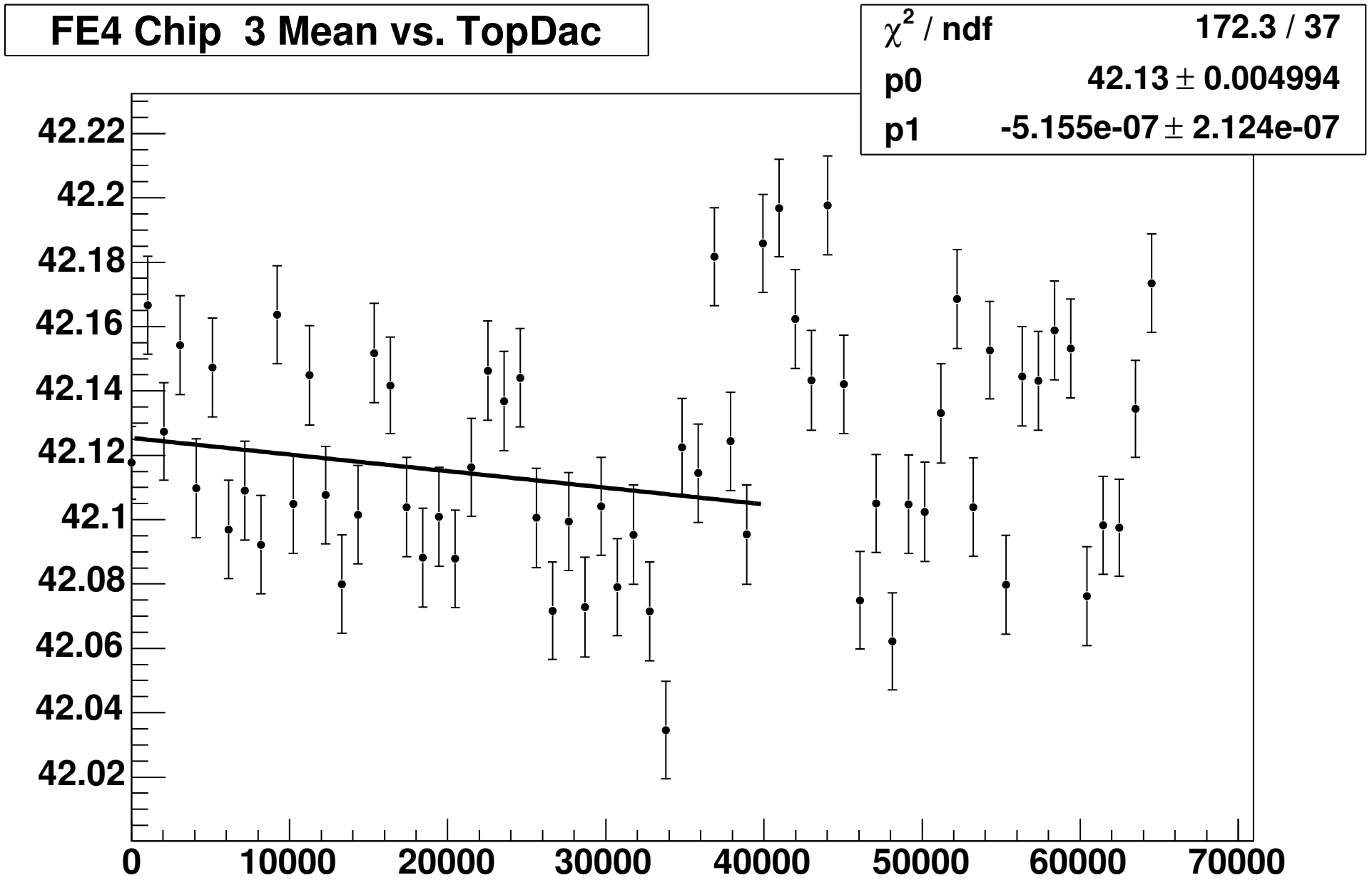
FE4 Chip 3 Mean vs. TopDac
χ² / ndf 172.3 / 37
p0 42.13 ± 0.004994
p1 -5.155e-07 ± 2.124e-07
42.22
42.2
42.18
42.16
42.14
42.12
42.1
42.08
42.06
42.04
42.02
0
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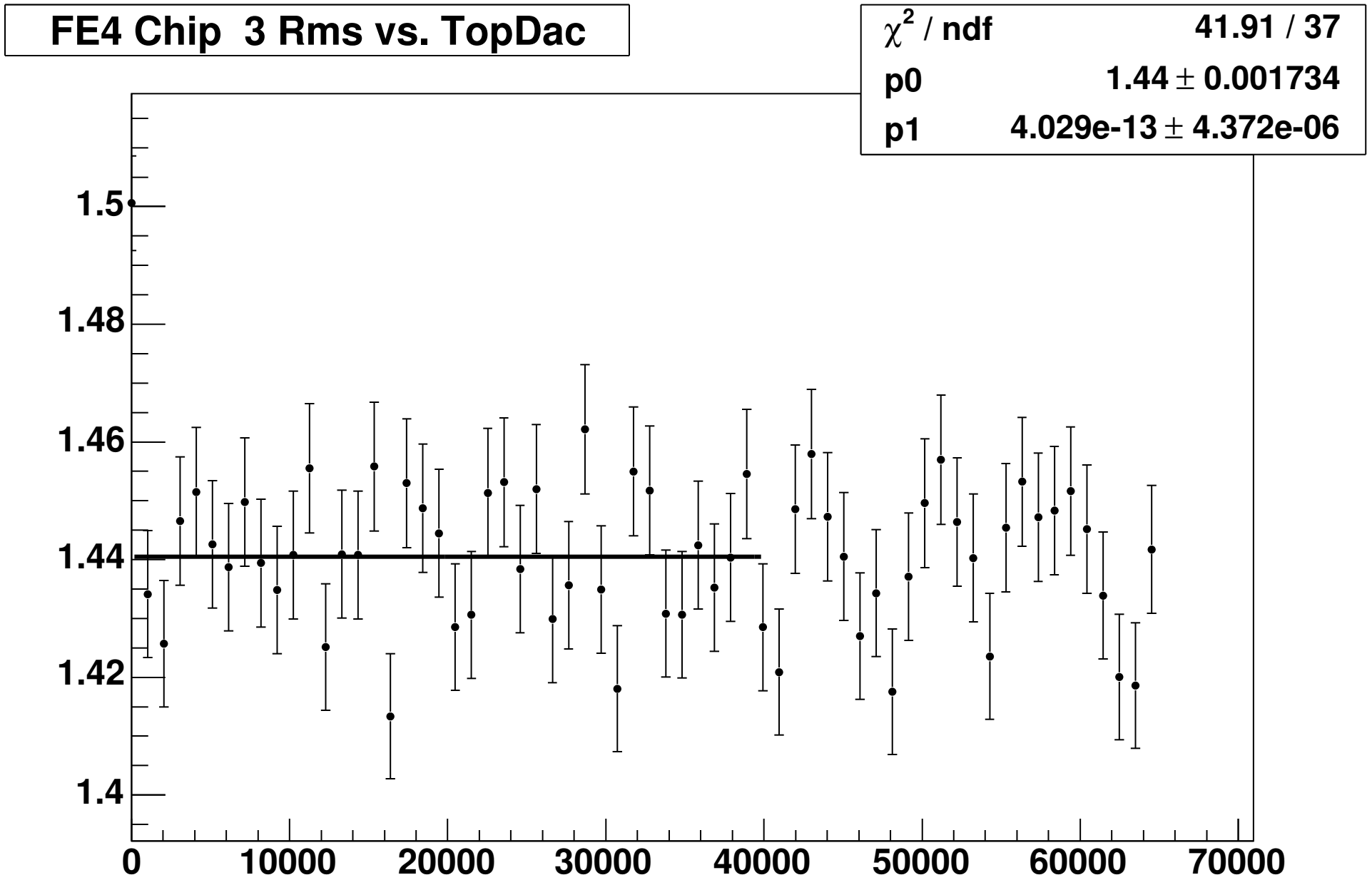
FE4 Chip 3 Rms vs. TopDac
χ^2 / ndf 41.91 / 37
p0 1.44 ± 0.001734
p1 4.029e-13 ± 4.372e-06
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
20000
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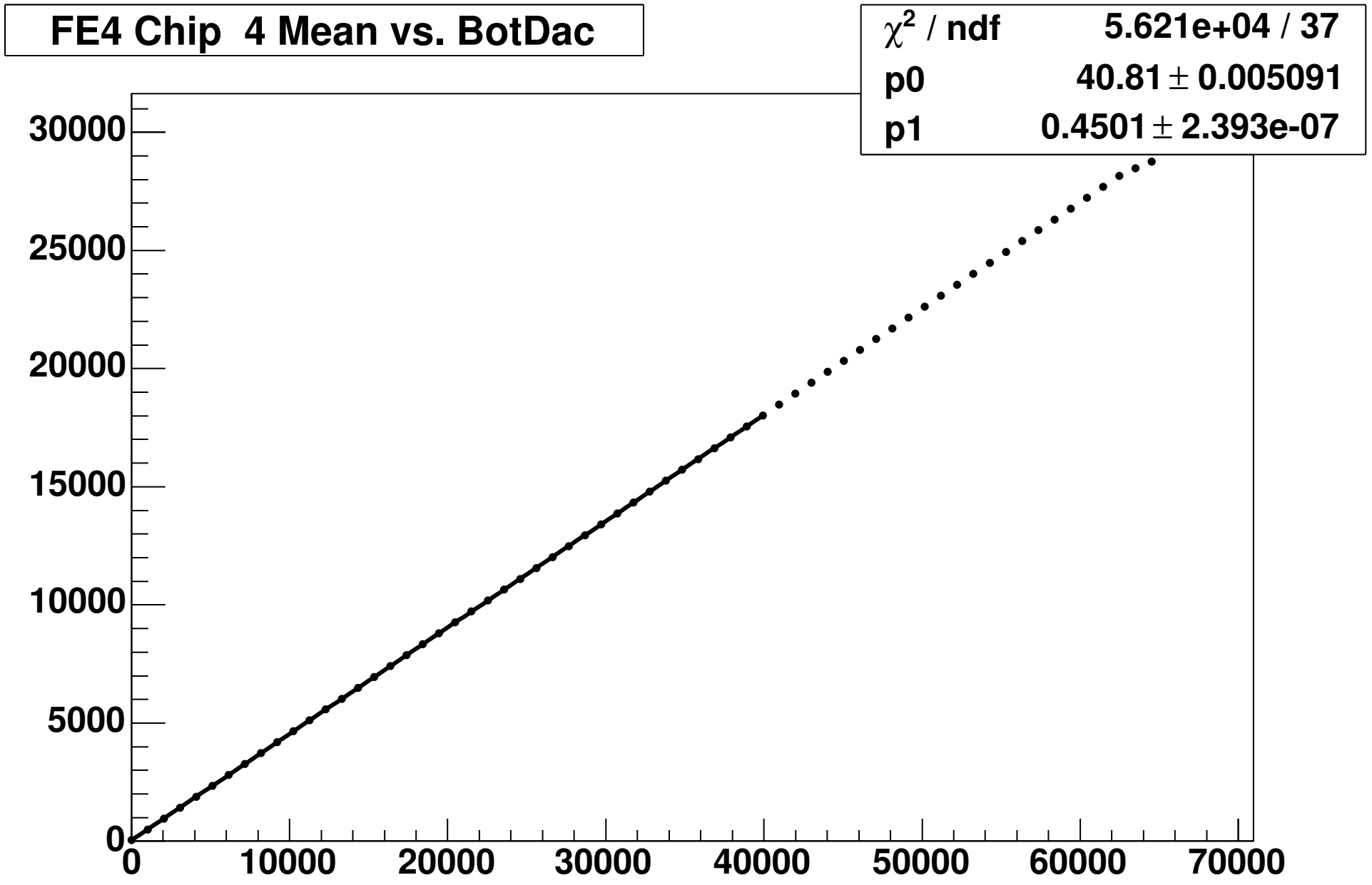
FE4 Chip 4 Mean vs. BotDac
χ² / ndf 5.621e+04 / 37
p0 40.81 ± 0.005091
p1 0.4501 ± 2.393e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
30000
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50000
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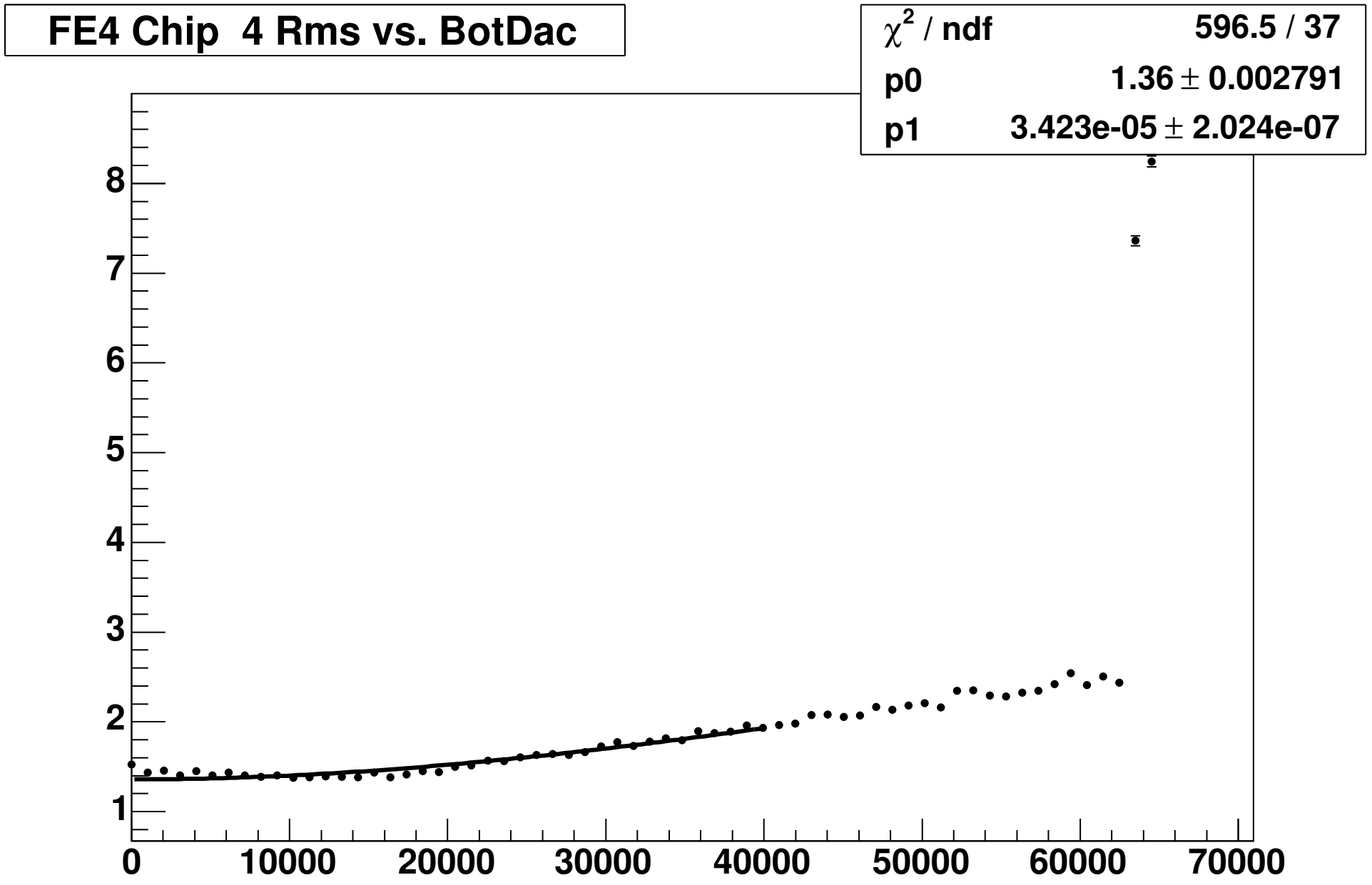
70000


FE4 Chip 4 Rms vs. BotDac
χ² / ndf 596.5 / 37
p0 1.36 ± 0.002791
p1 3.423e-05 ± 2.024e-07
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7
6
5
4
3
2
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10000
20000
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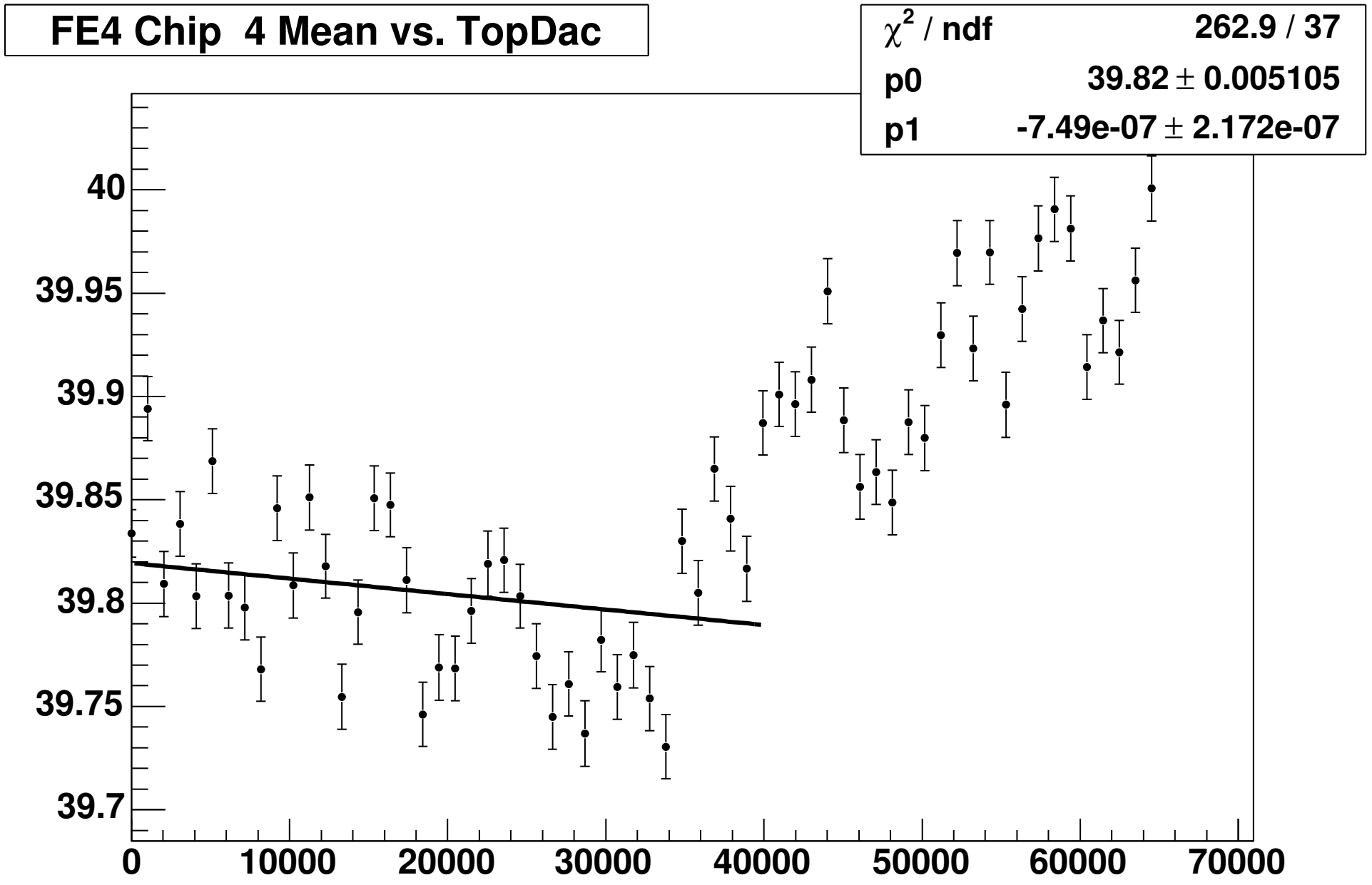
FE4 Chip 4 Mean vs. TopDac
χ² / ndf 262.9 / 37
p0 39.82 ± 0.005105
p1 -7.49e-07 ± 2.172e-07
40
39.95
39.9
39.85
39.8
39.75
39.7
0
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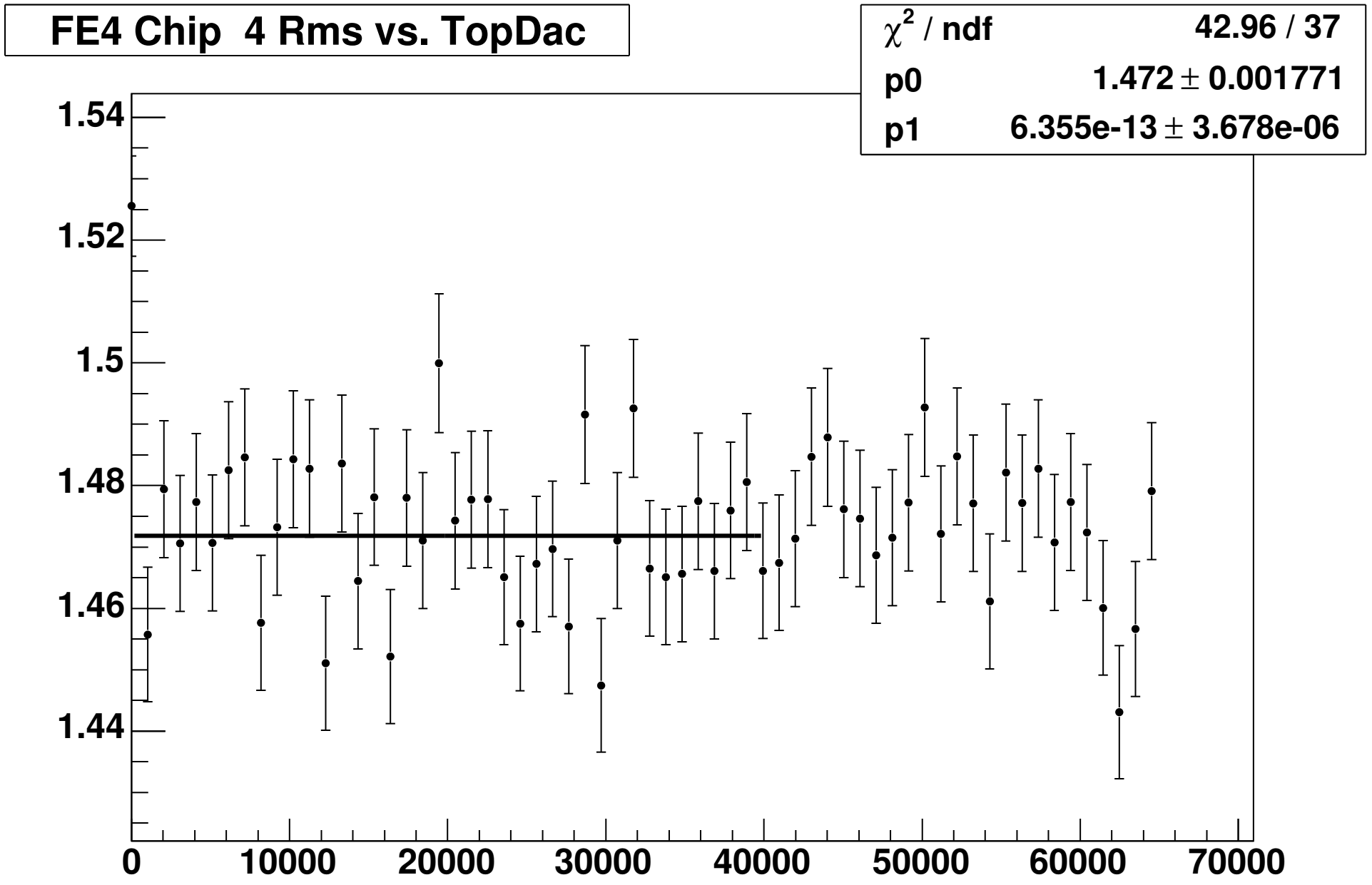
FE4 Chip 4 Rms vs. TopDac
χ² / ndf 42.96 / 37
p0 1.472 ± 0.001771
p1 6.355e-13 ± 3.678e-06
1.54
1.52
1.5
1.48
1.46
1.44
0
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20000
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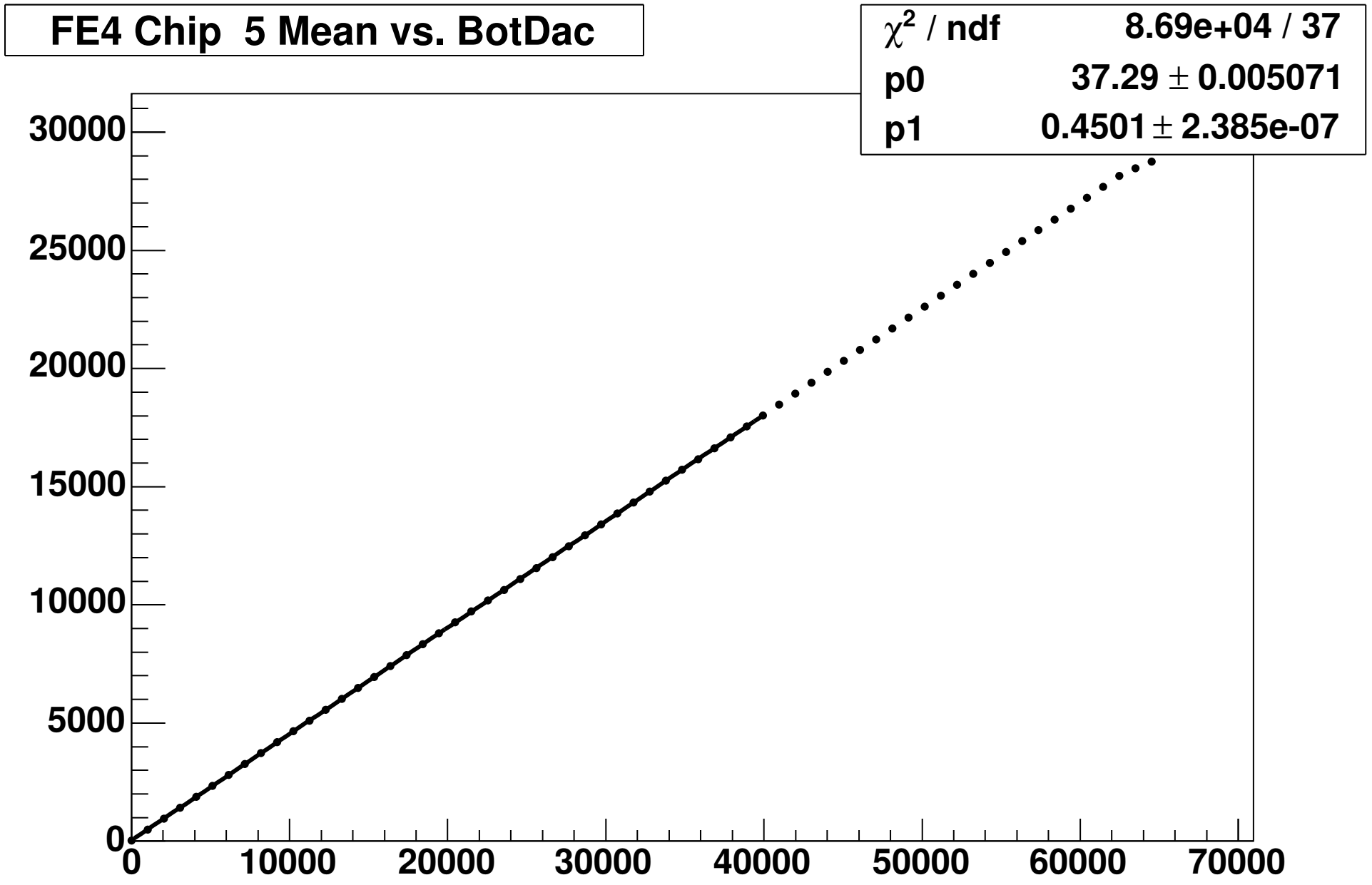
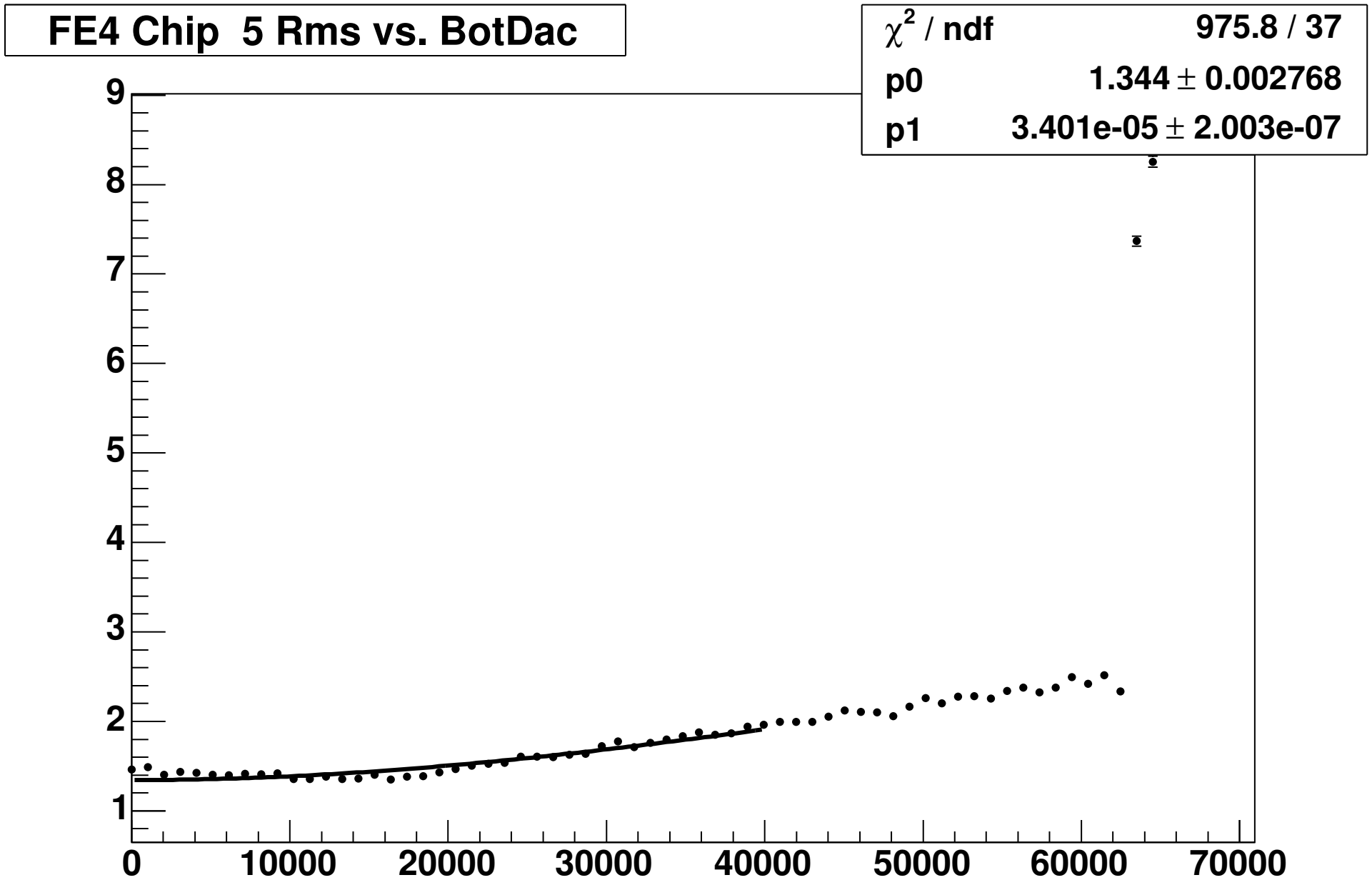

FE4 Chip 5 Mean vs. BotDac
χ² / ndf 8.69e+04 / 37
p0 37.29 ± 0.005071
p1 0.4501 ± 2.385e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE4 Chip 5 Rms vs. BotDac
χ² / ndf 975.8 / 37
p0 1.344 ± 0.002768
p1 3.401e-05 ± 2.003e-07
9
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6
5
4
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0
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20000
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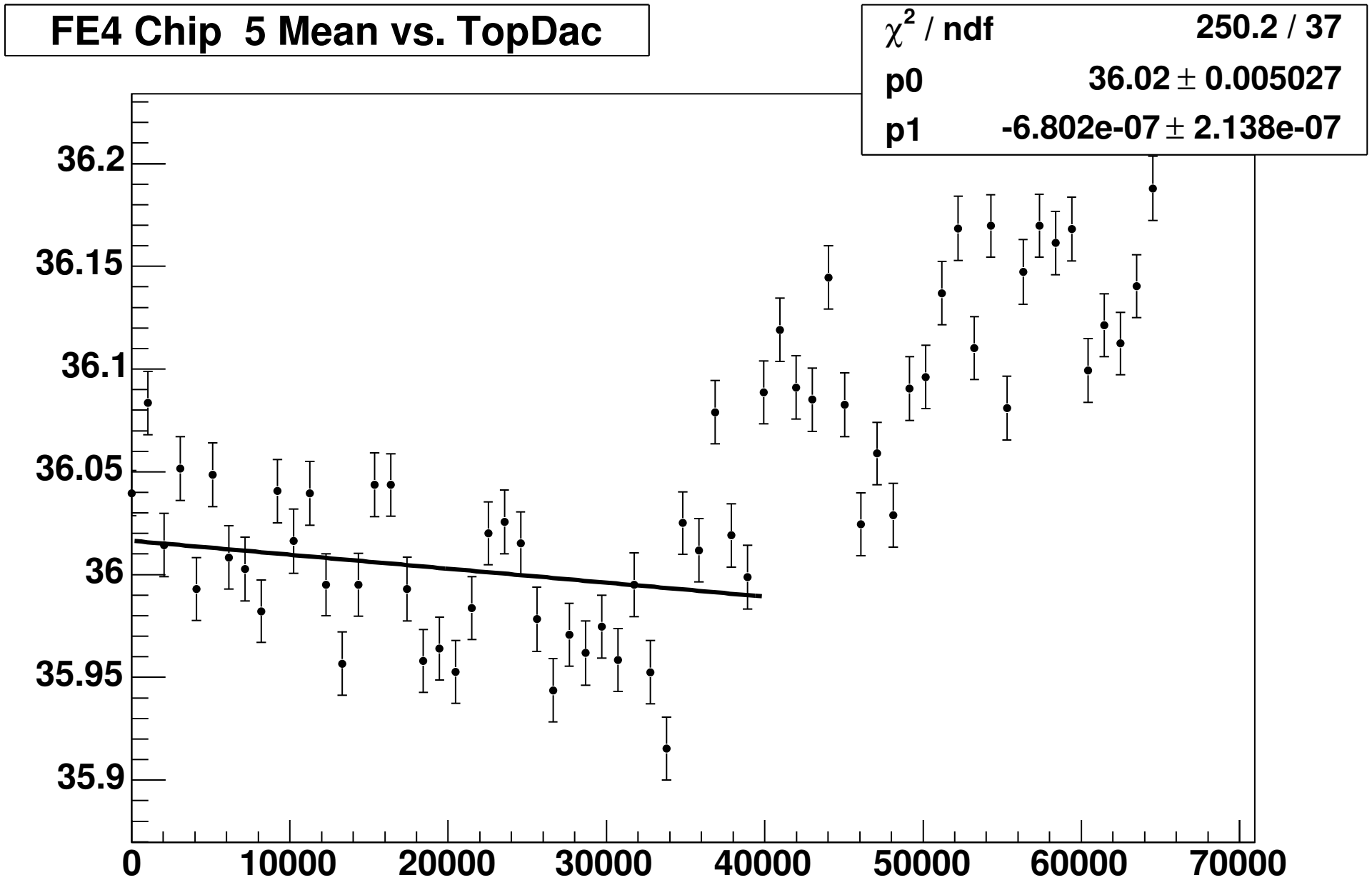
70000


FE4 Chip 5 Mean vs. TopDac
χ² / ndf 250.2 / 37
p0 36.02 ± 0.005027
p1 -6.802e-07 ± 2.138e-07
36.2
36.15
36.1
36.05
36
35.95
35.9
0
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20000
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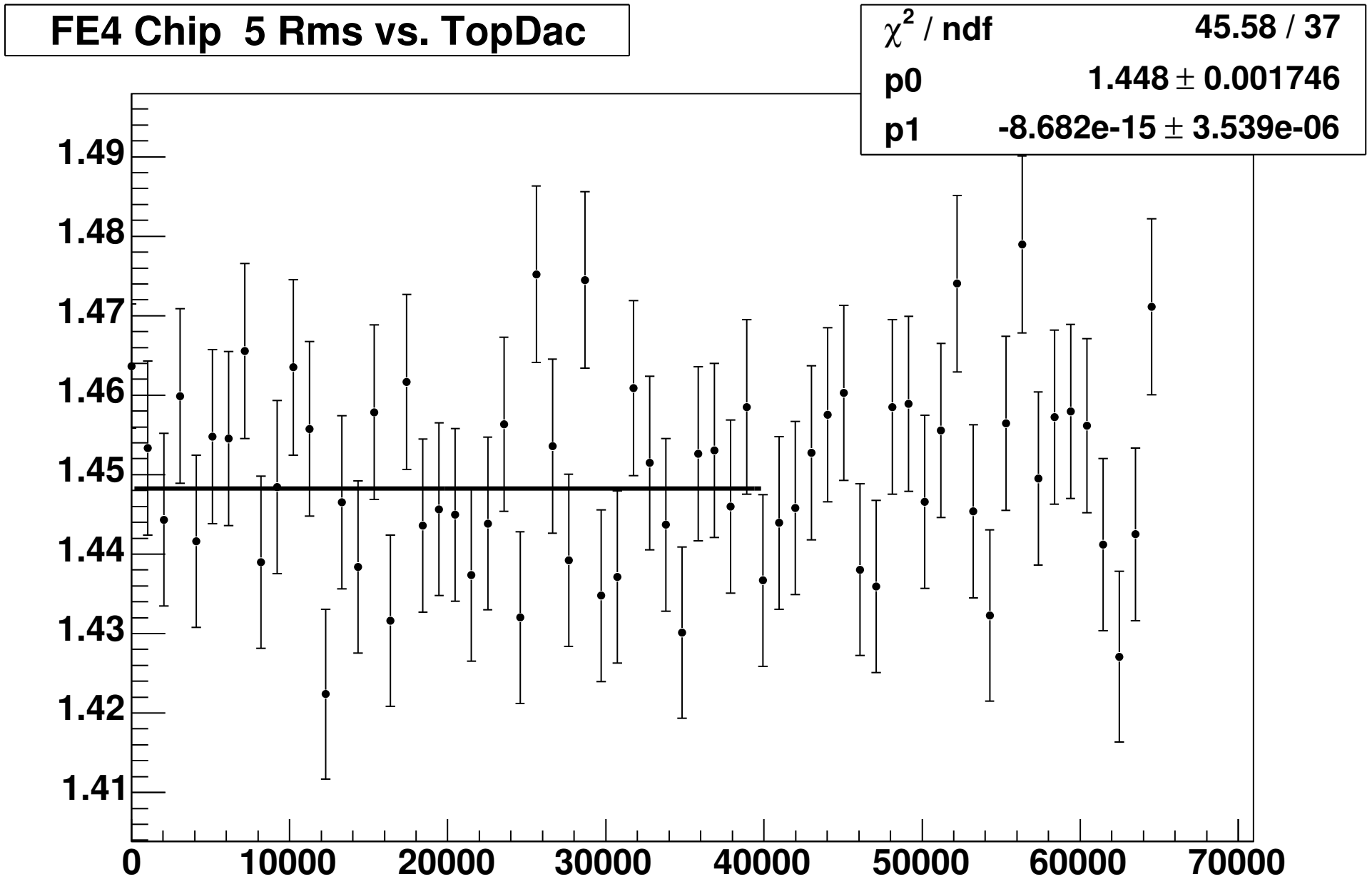
FE4 Chip 5 Rms vs. TopDac
χ² / ndf 45.58 / 37
p0 1.448 ± 0.001746
p1 -8.682e-15 ± 3.539e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
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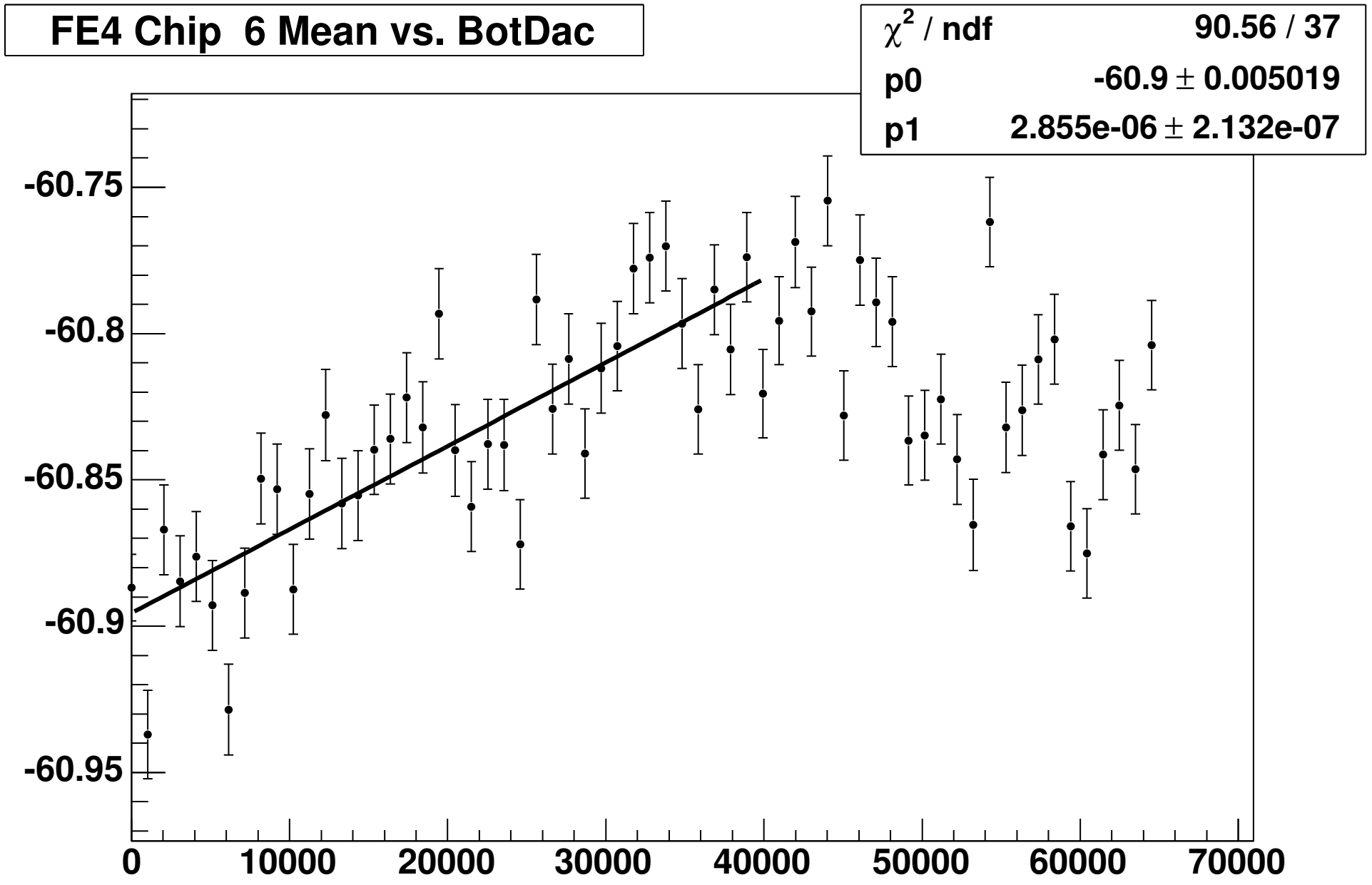
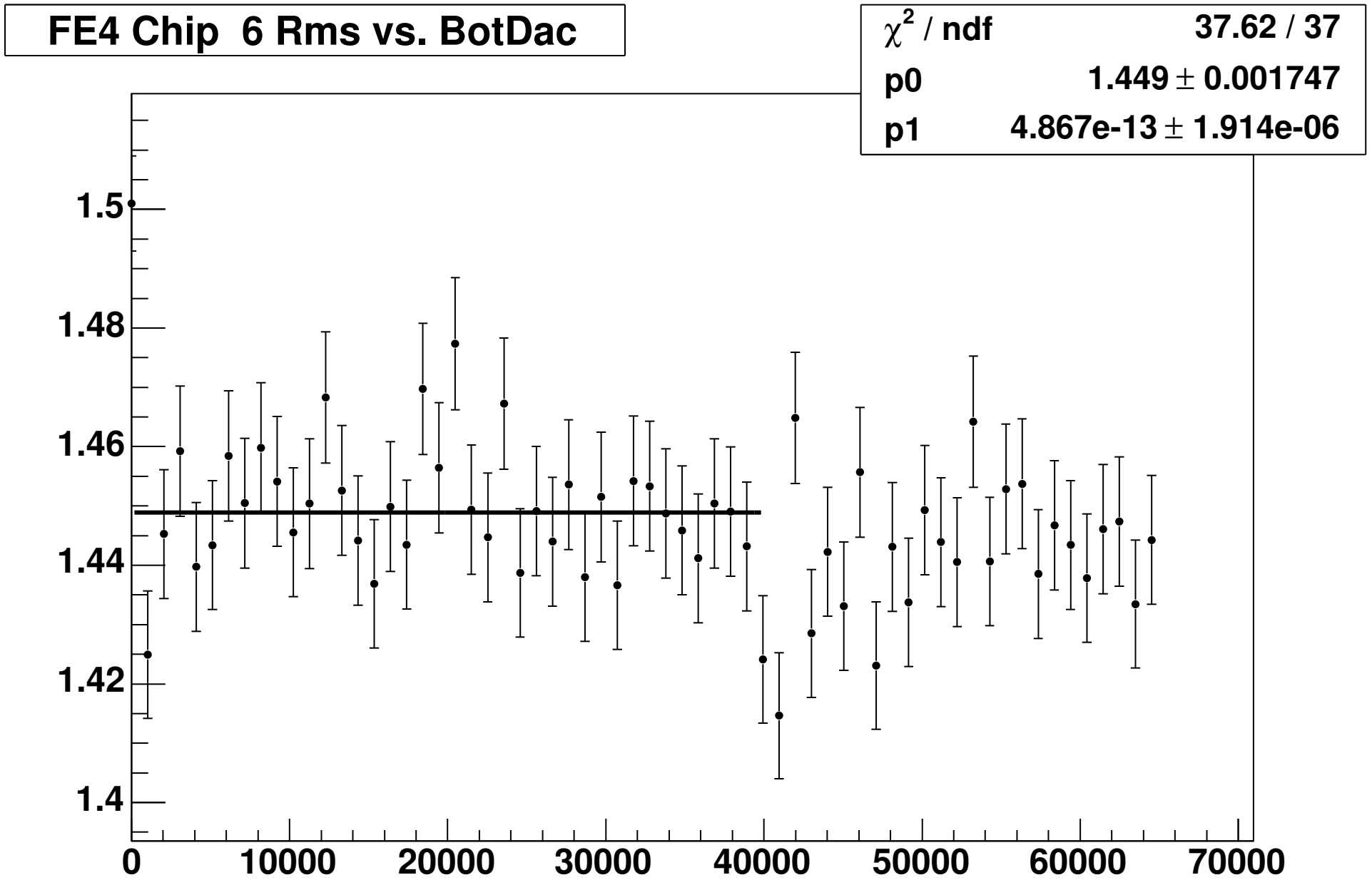

FE4 Chip 6 Mean vs. BotDac
χ² / ndf 90.56 / 37
p0 -60.9 ± 0.005019
p1 2.855e-06 ± 2.132e-07
-60.75
-60.8
-60.85
-60.9
-60.95
0
10000
20000
30000
40000
50000
60000
70000


FE4 Chip 6 Rms vs. BotDac
χ² / ndf 37.62 / 37
p0 1.449 ± 0.001747
p1 4.867e-13 ± 1.914e-06
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
20000
30000
40000
50000
60000
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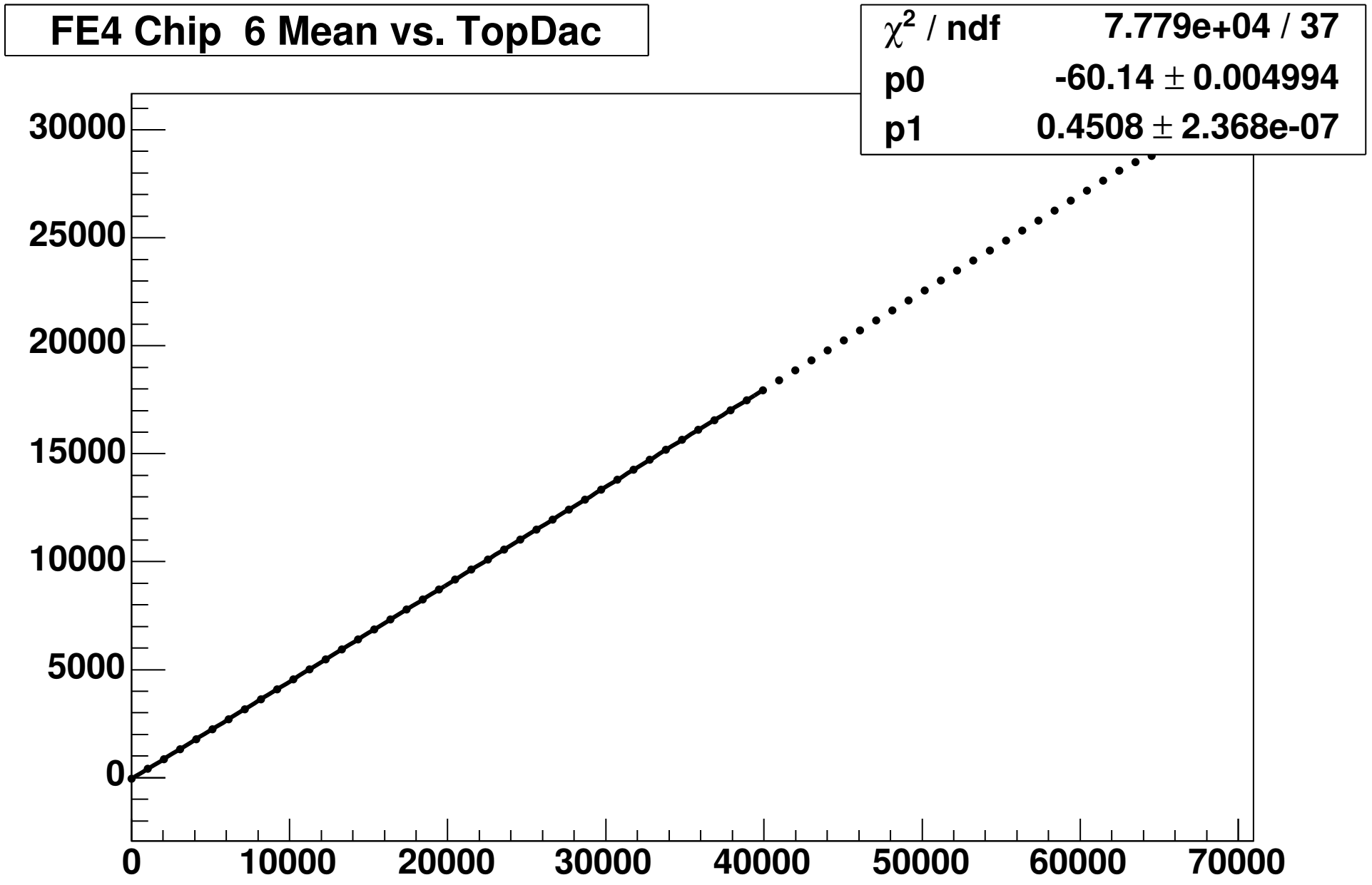
FE4 Chip 6 Mean vs. TopDac
χ² / ndf 7.779e+04 / 37
p0 -60.14 ± 0.004994
p1 0.4508 ± 2.368e-07
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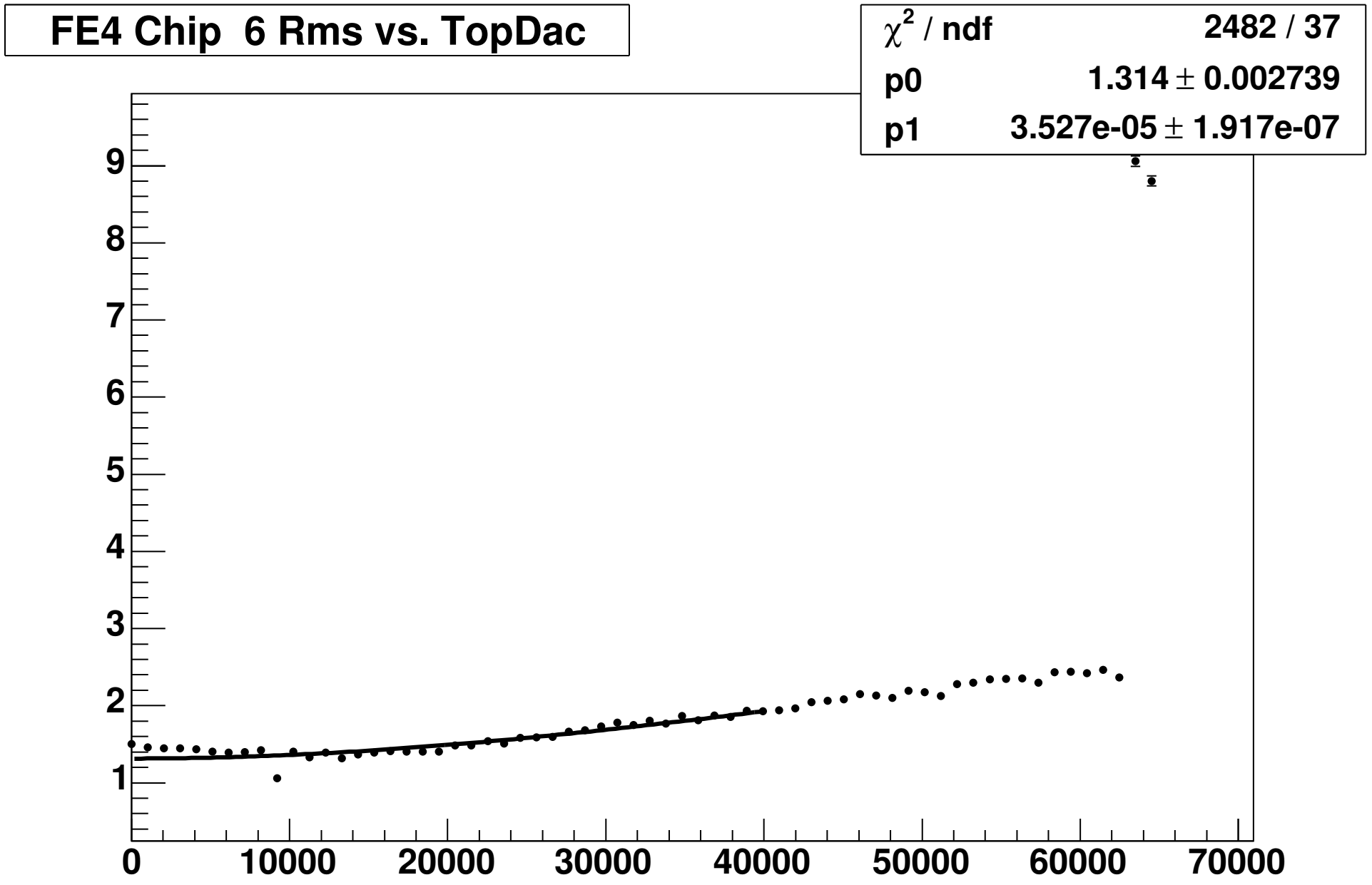
FE4 Chip 6 Rms vs. TopDac
χ² / ndf 2482 / 37
p0 1.314 ± 0.002739
p1 3.527e-05 ± 1.917e-07
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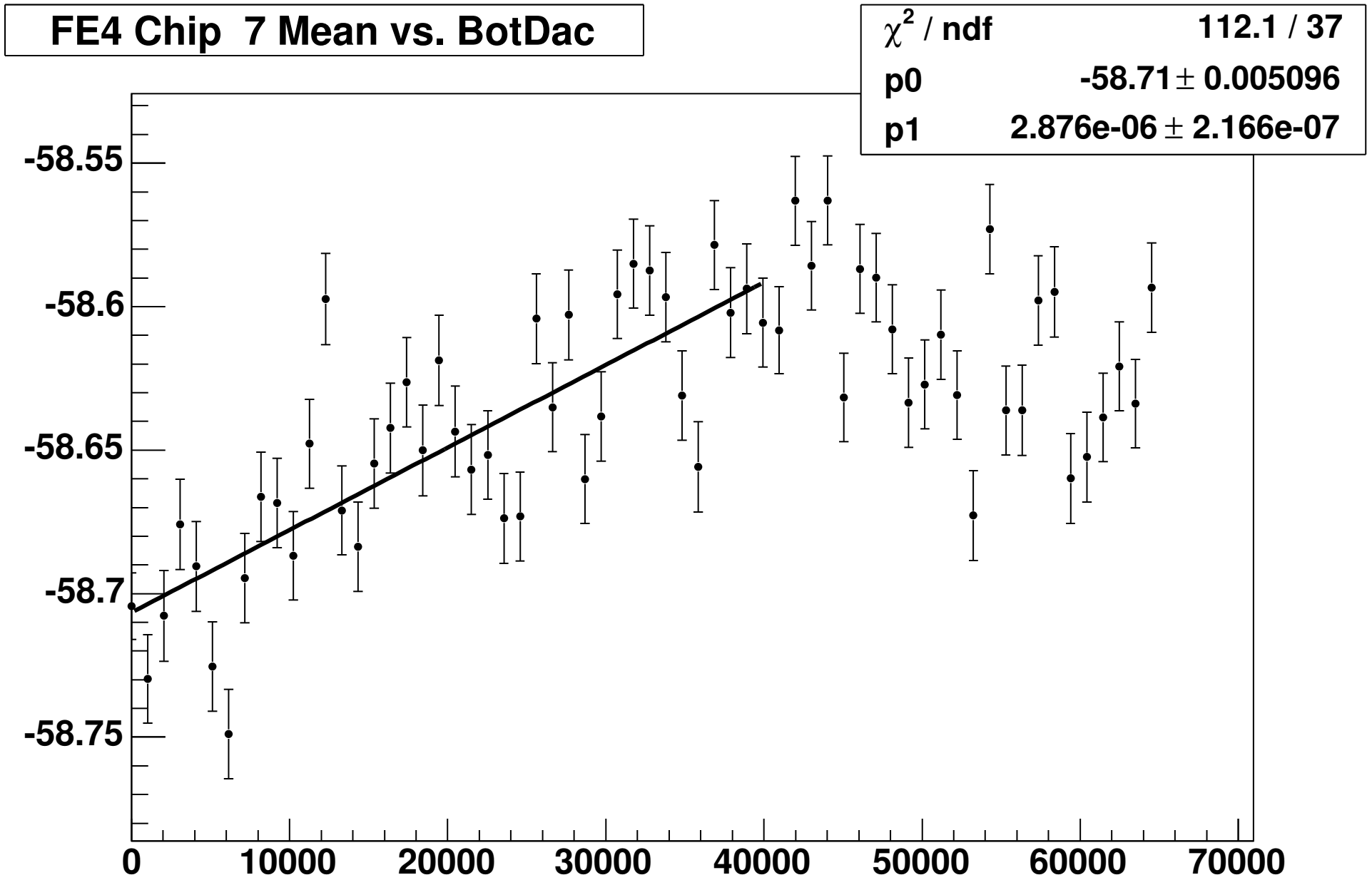
FE4 Chip 7 Mean vs. BotDac
χ² / ndf 112.1 / 37
p0 -58.71 ± 0.005096
p1 2.876e-06 ± 2.166e-07
-58.55
-58.6
-58.65
-58.7
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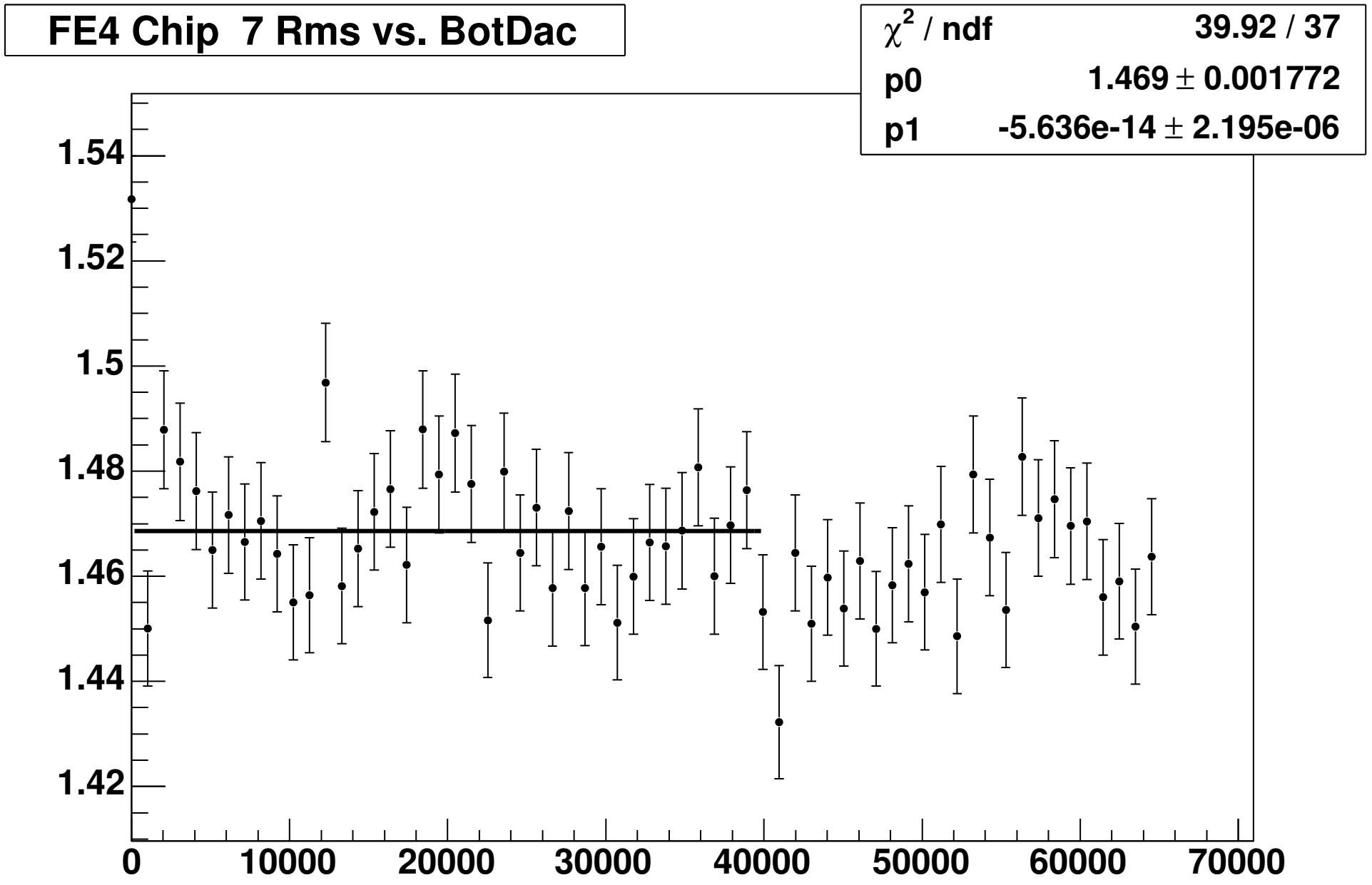
FE4 Chip 7 Rms vs. BotDac
χ² / ndf 39.92 / 37
p0 1.469 ± 0.001772
p1 -5.636e-14 ± 2.195e-06
1.54
1.52
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1.46
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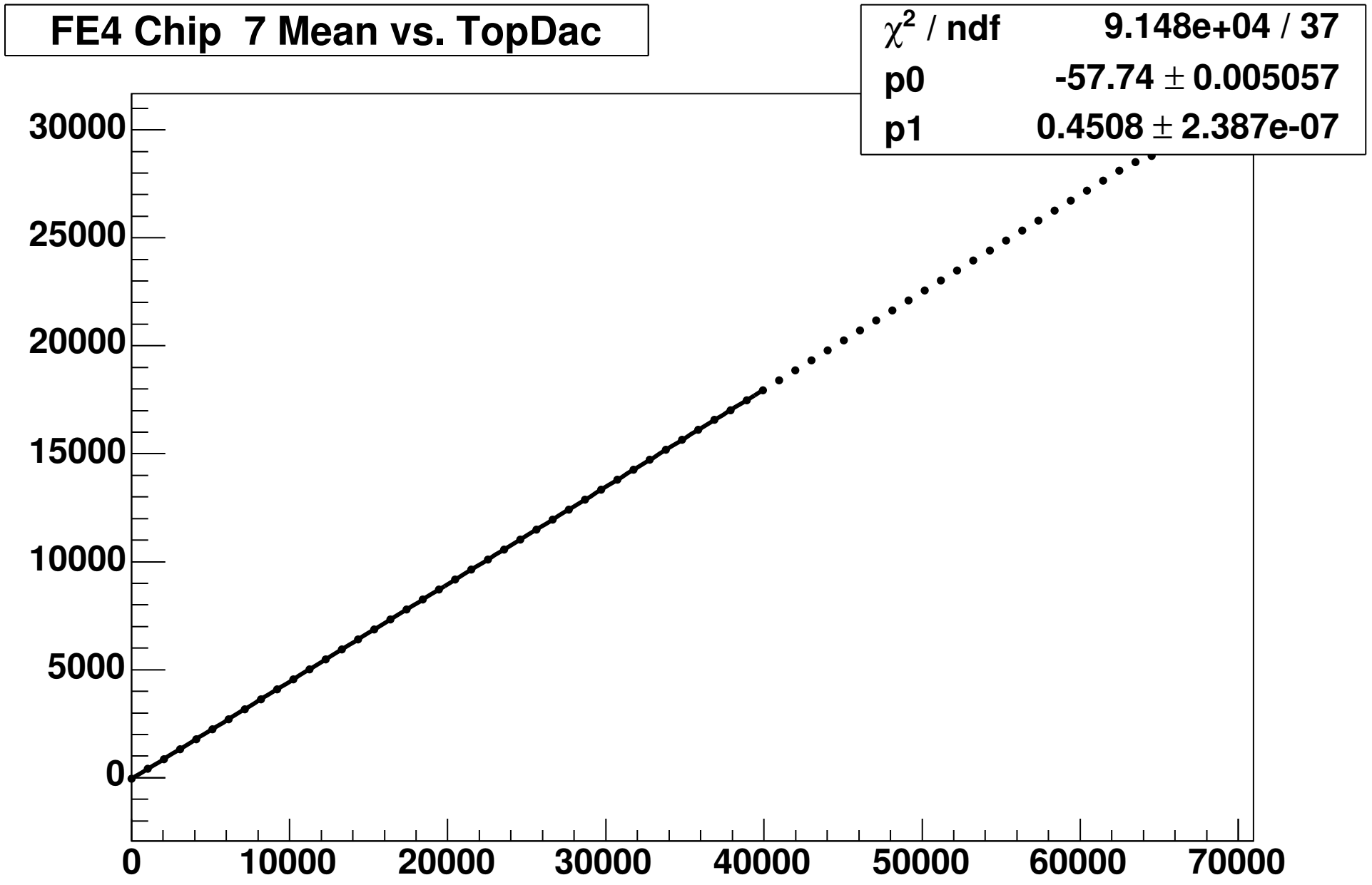
FE4 Chip 7 Mean vs. TopDac
χ² / ndf 9.148e+04 / 37
p0 -57.74 ± 0.005057
p1 0.4508 ± 2.387e-07
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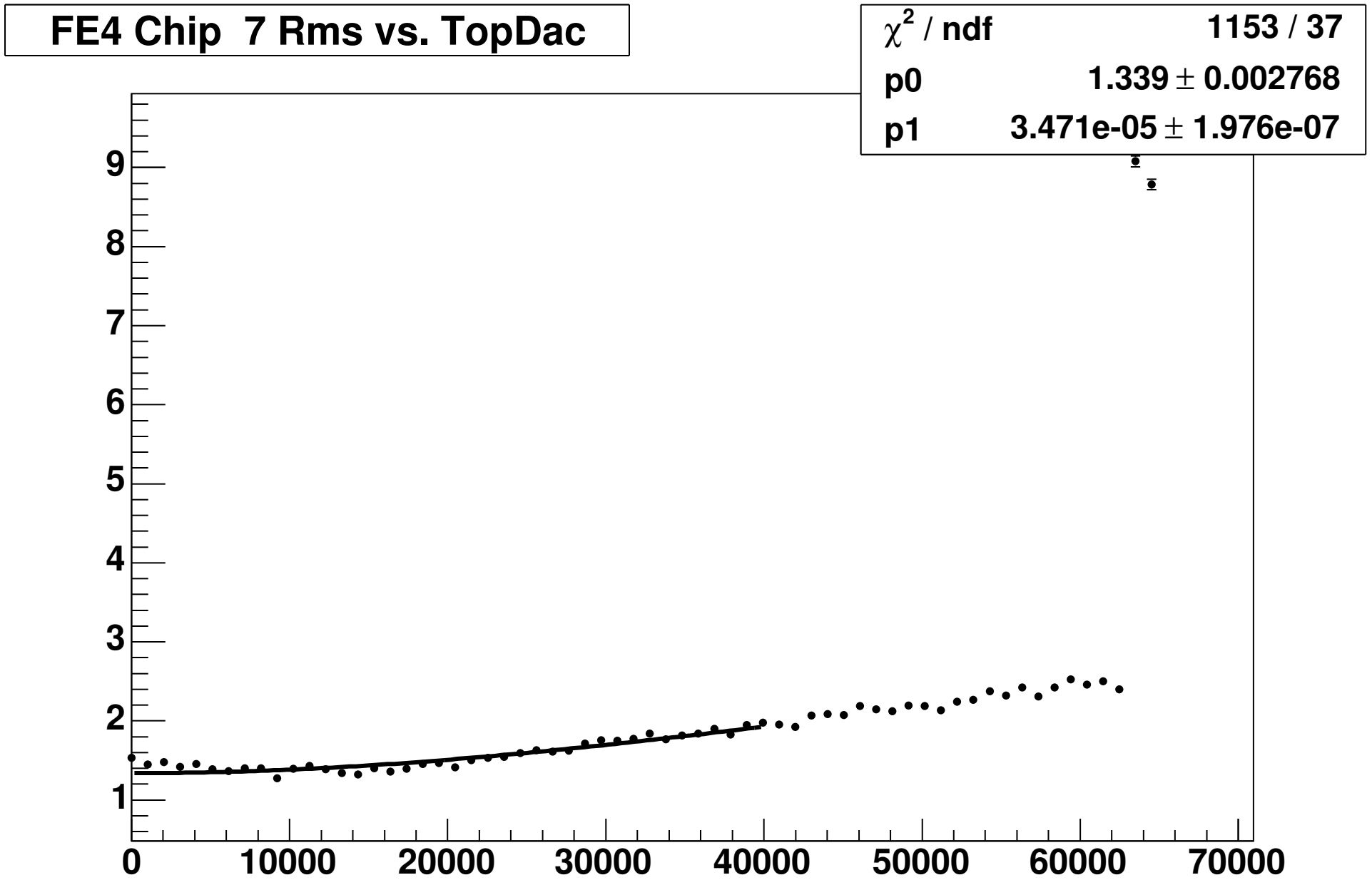
FE4 Chip 7 Rms vs. TopDac
χ² / ndf 1153 / 37
p0 1.339 ± 0.002768
p1 3.471e-05 ± 1.976e-07
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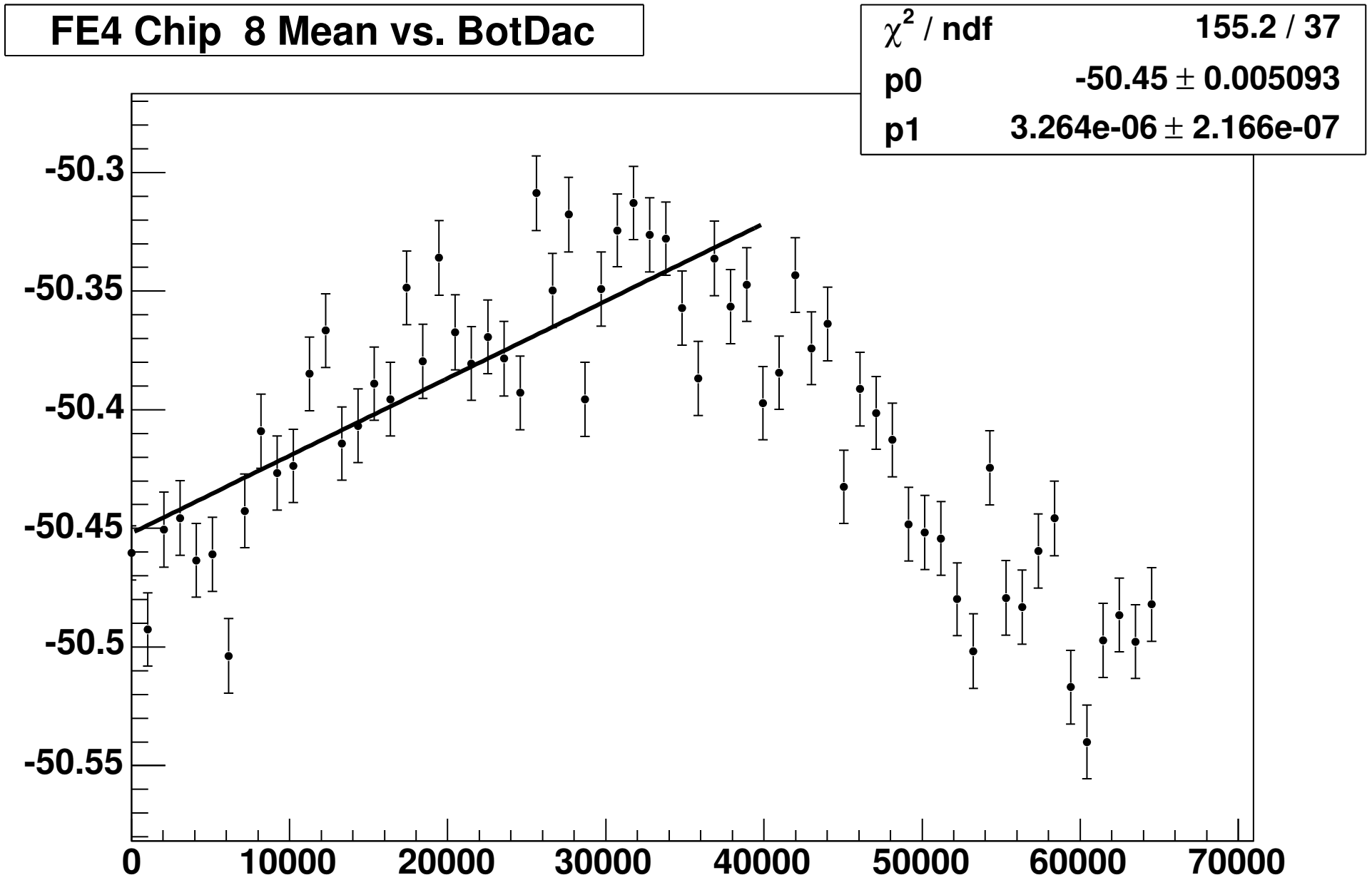
FE4 Chip 8 Mean vs. BotDac
χ² / ndf 155.2 / 37
p0 -50.45 ± 0.005093
p1 3.264e-06 ± 2.166e-07
-50.3
-50.35
-50.4
-50.45
-50.5
-50.55
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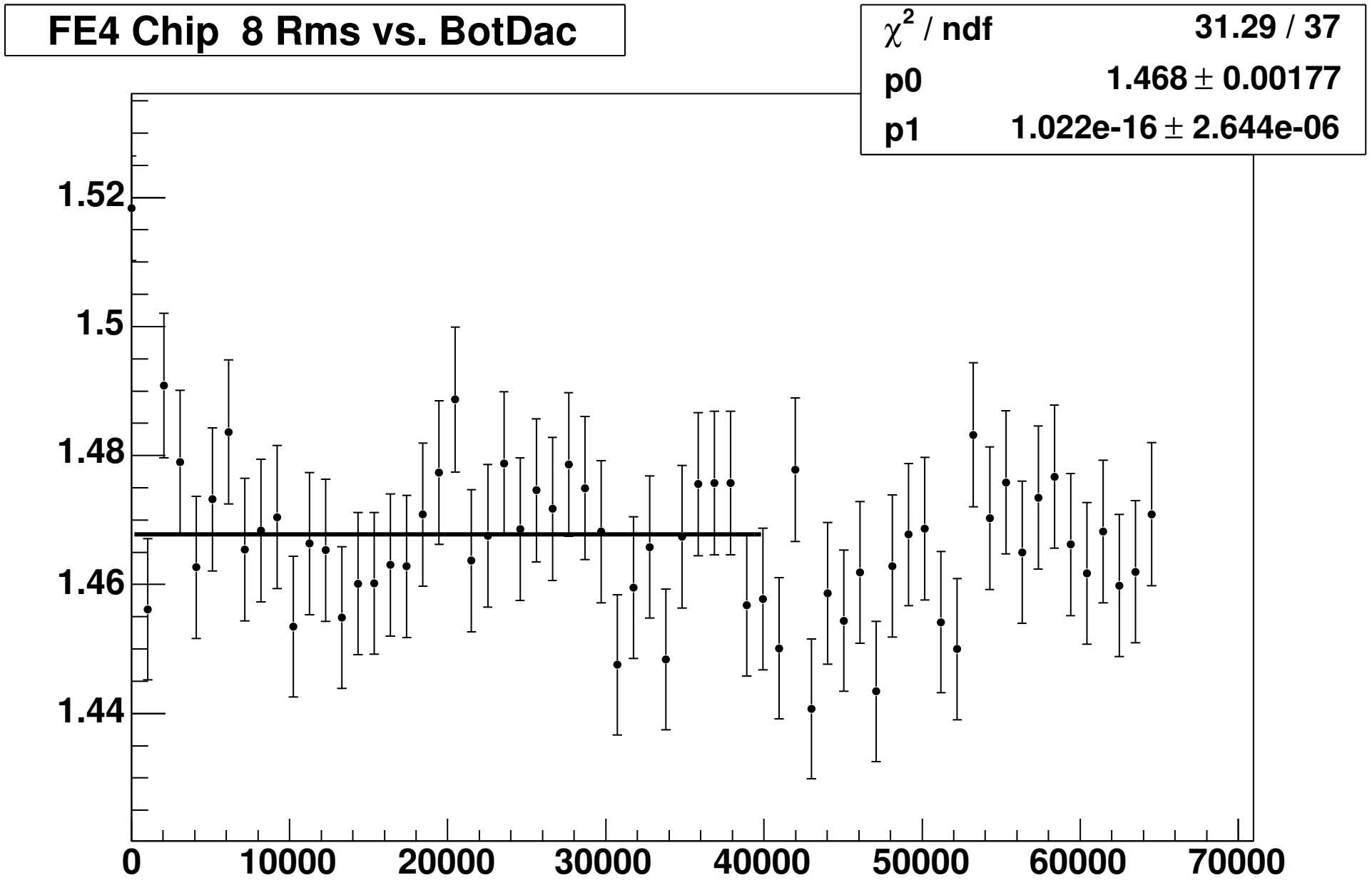
FE4 Chip 8 Rms vs. BotDac
χ² / ndf 31.29 / 37
p0 1.468 ± 0.00177
p1 1.022e-16 ± 2.644e-06
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1.5
1.48
1.46
1.44
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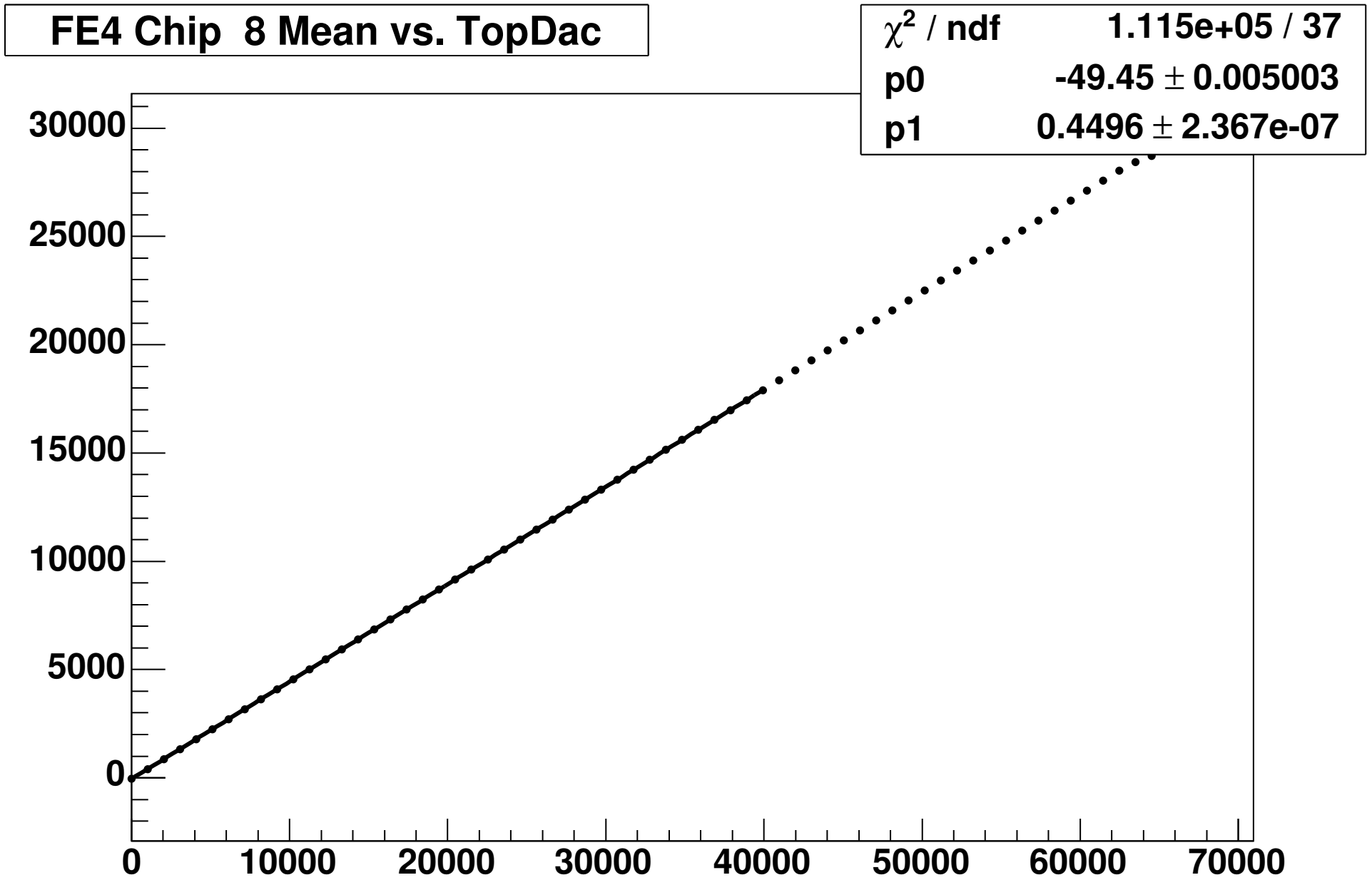
FE4 Chip 8 Mean vs. TopDac
χ² / ndf 1.115e+05 / 37
p0 -49.45 ± 0.005003
p1 0.4496 ± 2.367e-07
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15000
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5000
0
0
10000
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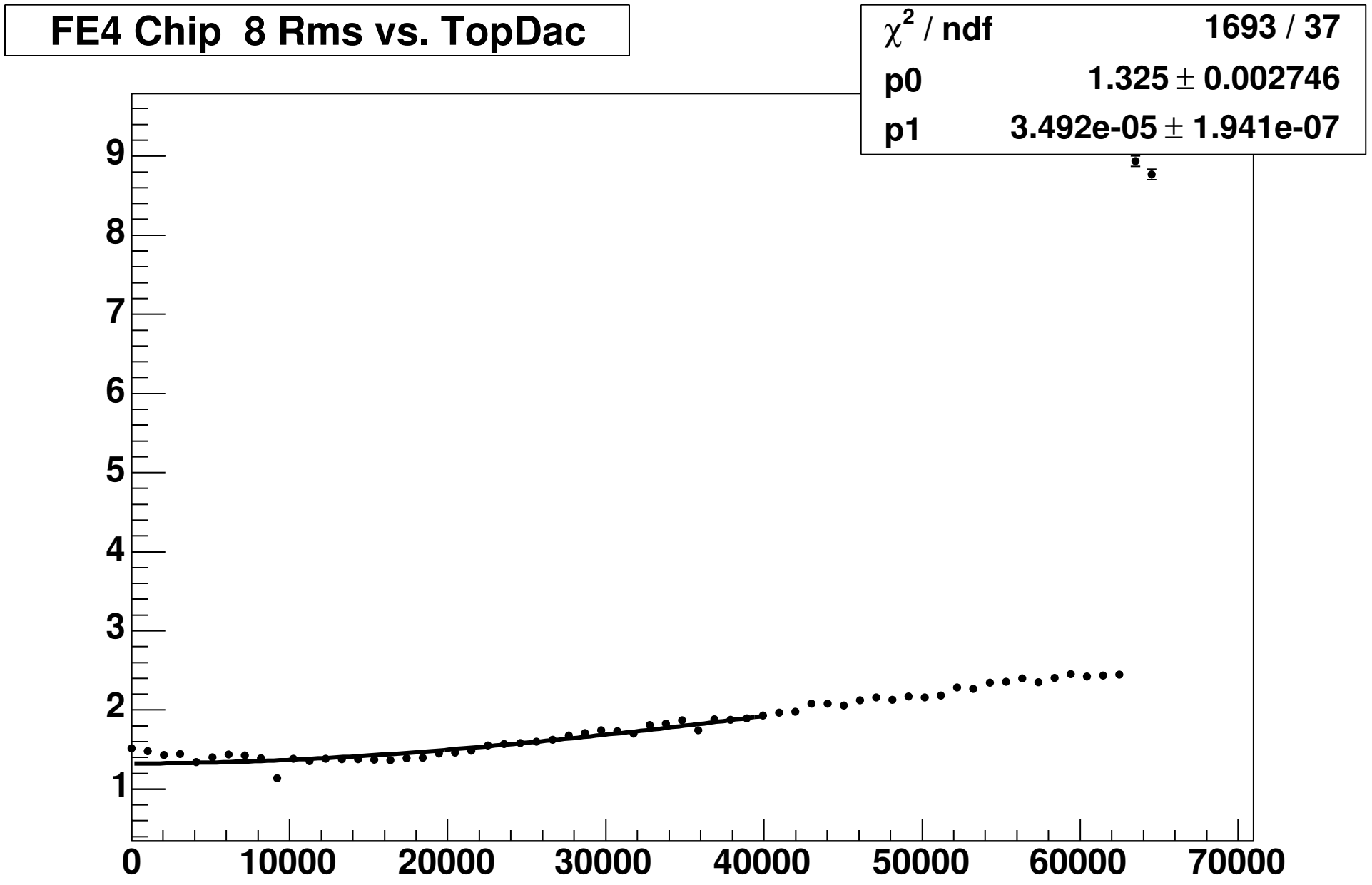
FE4 Chip 8 Rms vs. TopDac
χ² / ndf 1693 / 37
p0 1.325 ± 0.002746
p1 3.492e-05 ± 1.941e-07
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6
5
4
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0
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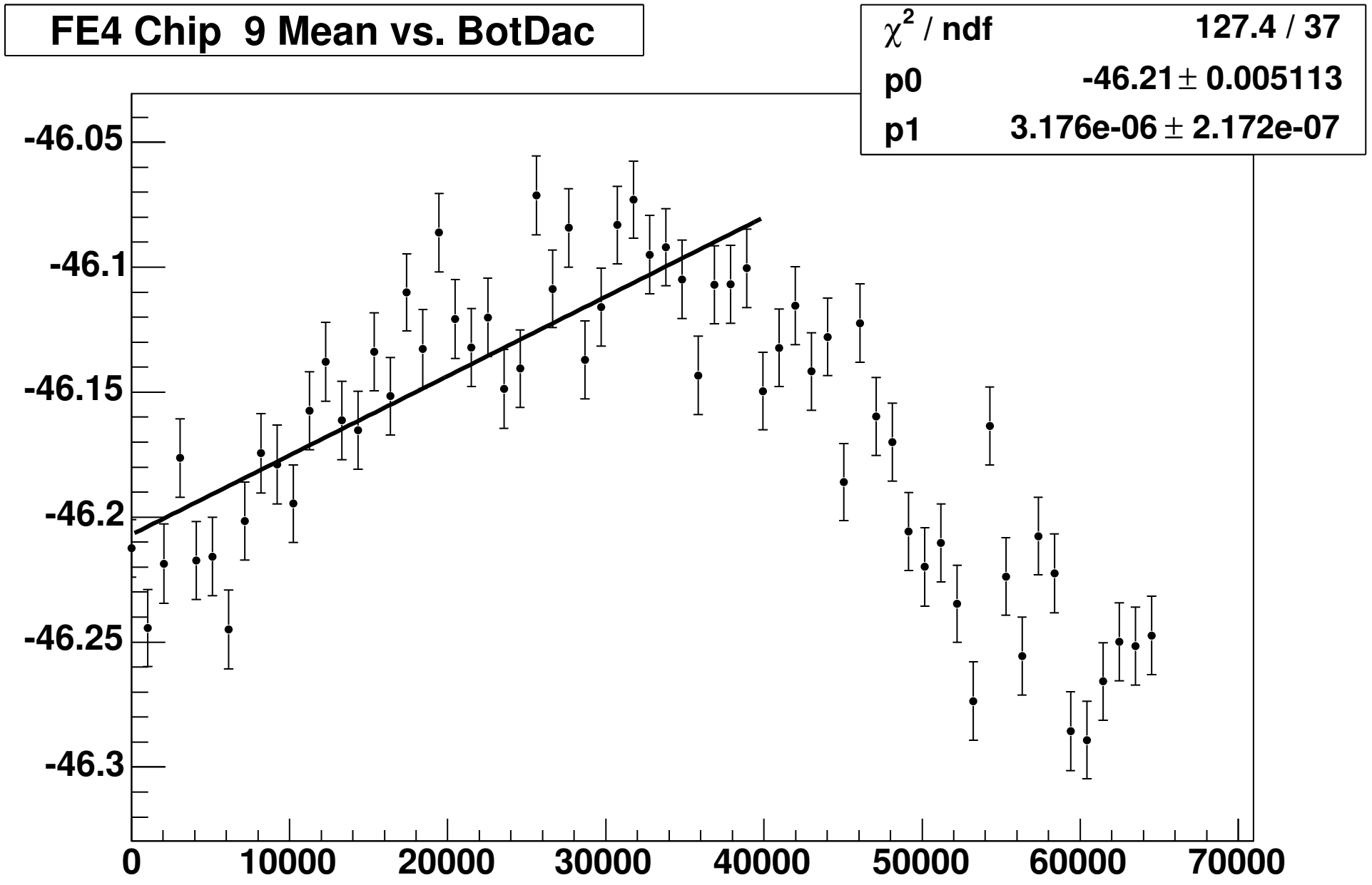
FE4 Chip 9 Mean vs. BotDac
χ² / ndf 127.4 / 37
p0 -46.21 ± 0.005113
p1 3.176e-06 ± 2.172e-07
-46.05
-46.1
-46.15
-46.2
-46.25
-46.3
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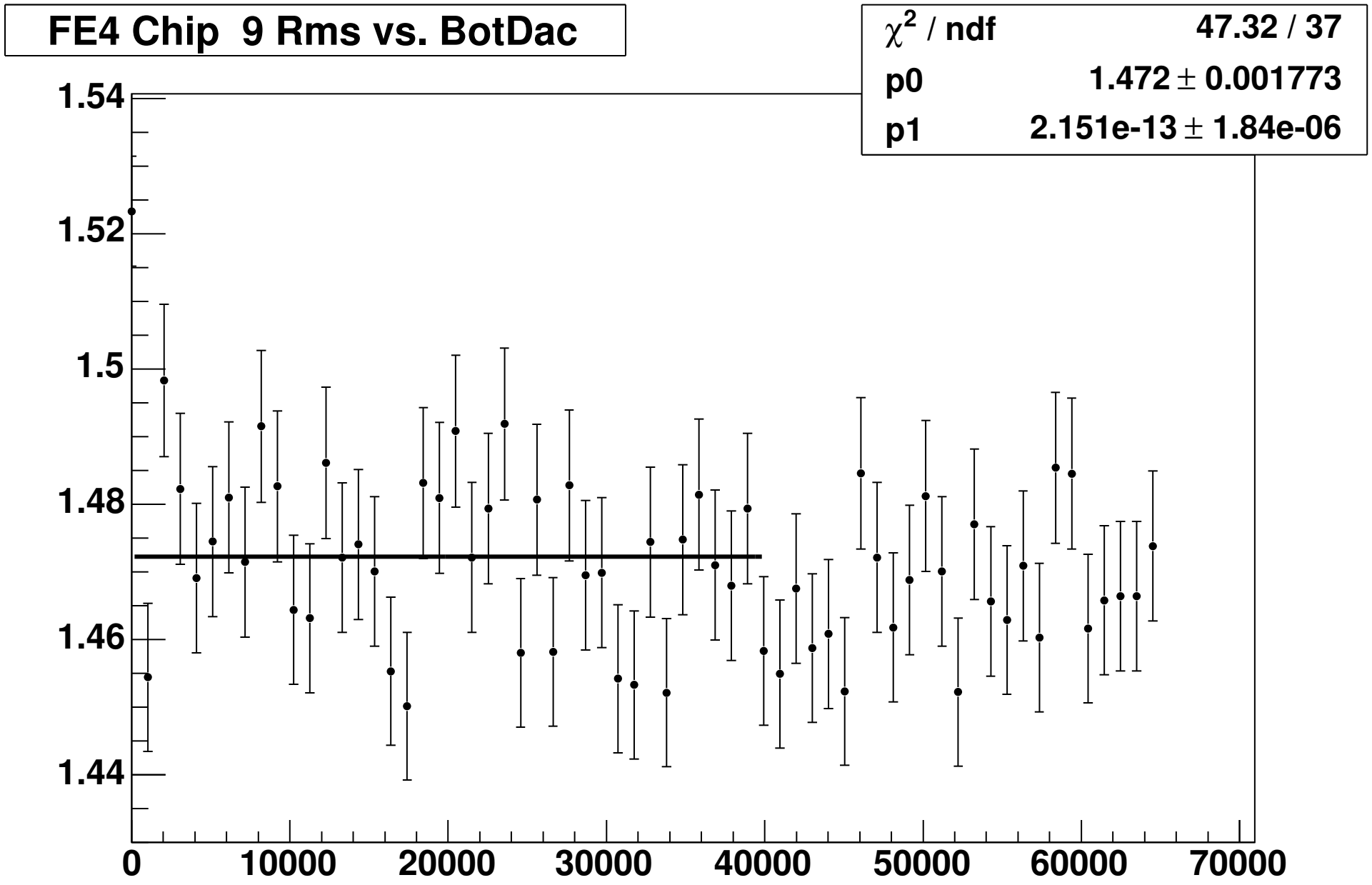
FE4 Chip 9 Rms vs. BotDac
χ² / ndf 47.32 / 37
p0 1.472 ± 0.001773
p1 2.151e-13 ± 1.84e-06
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1.52
1.5
1.48
1.46
1.44
0
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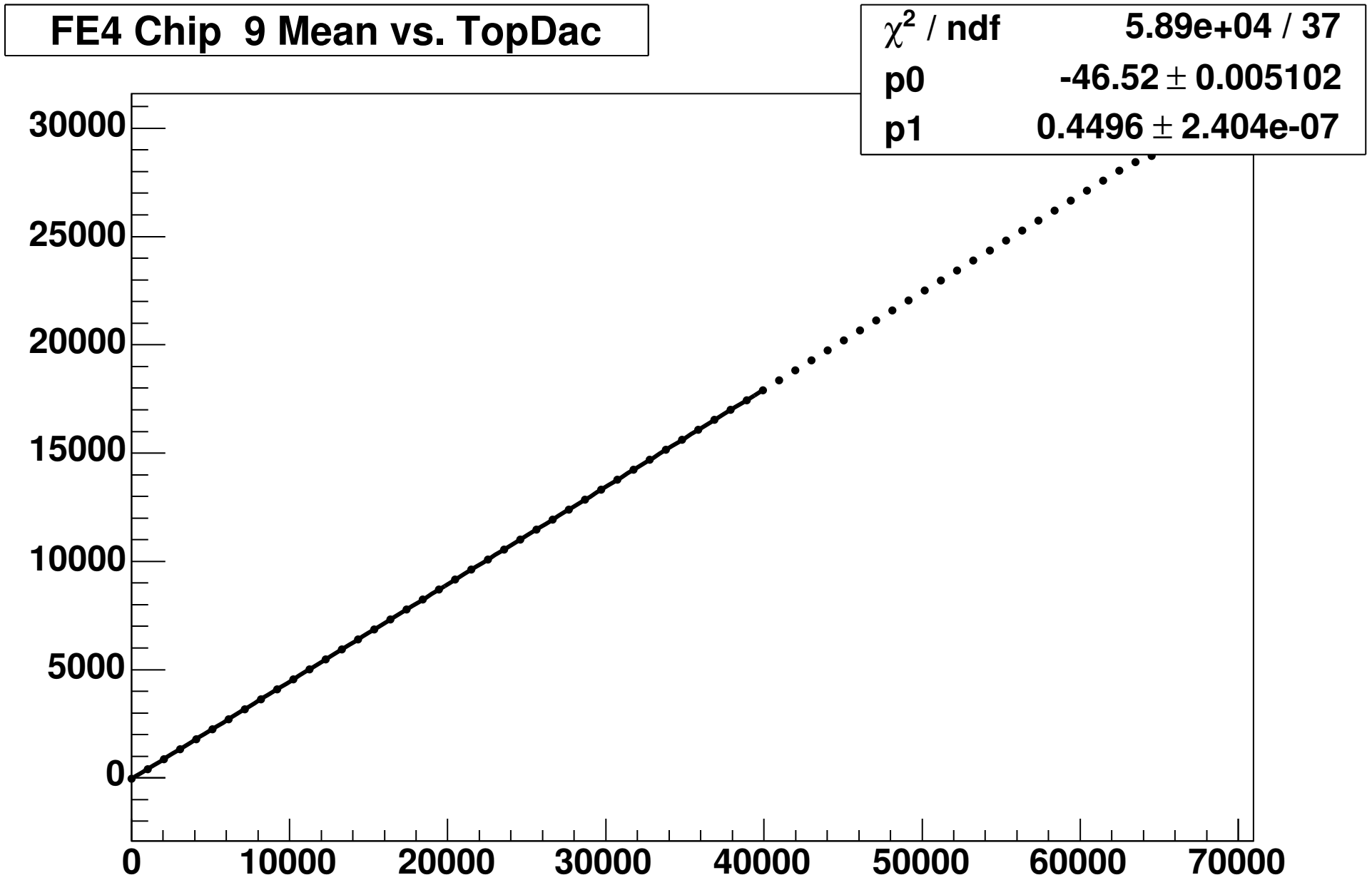
FE4 Chip 9 Mean vs. TopDac
χ² / ndf 5.89e+04 / 37
p0 -46.52 ± 0.005102
p1 0.4496 ± 2.404e-07
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10000
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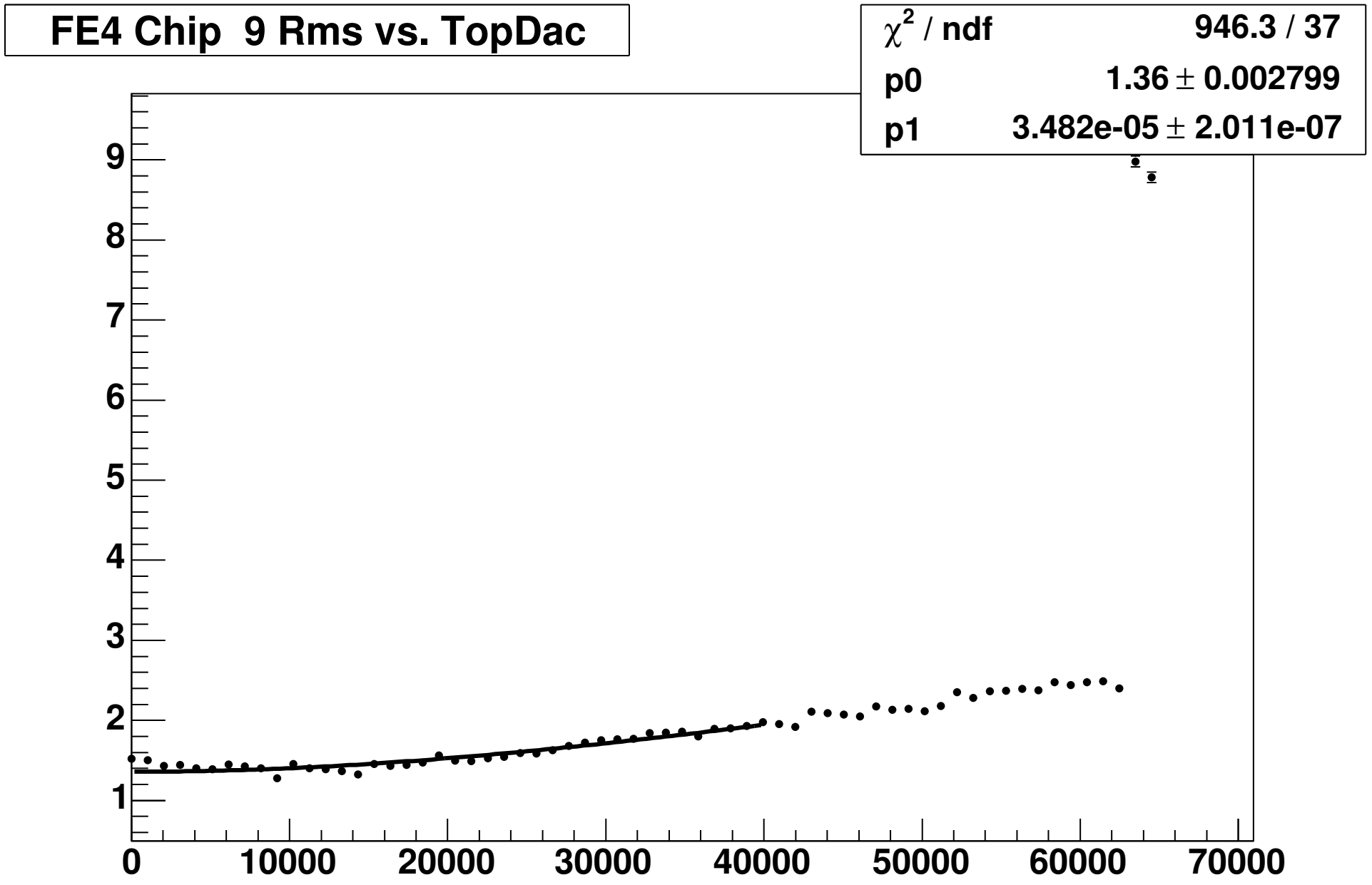
FE4 Chip 9 Rms vs. TopDac
χ² / ndf 946.3 / 37
p0 1.36 ± 0.002799
p1 3.482e-05 ± 2.011e-07
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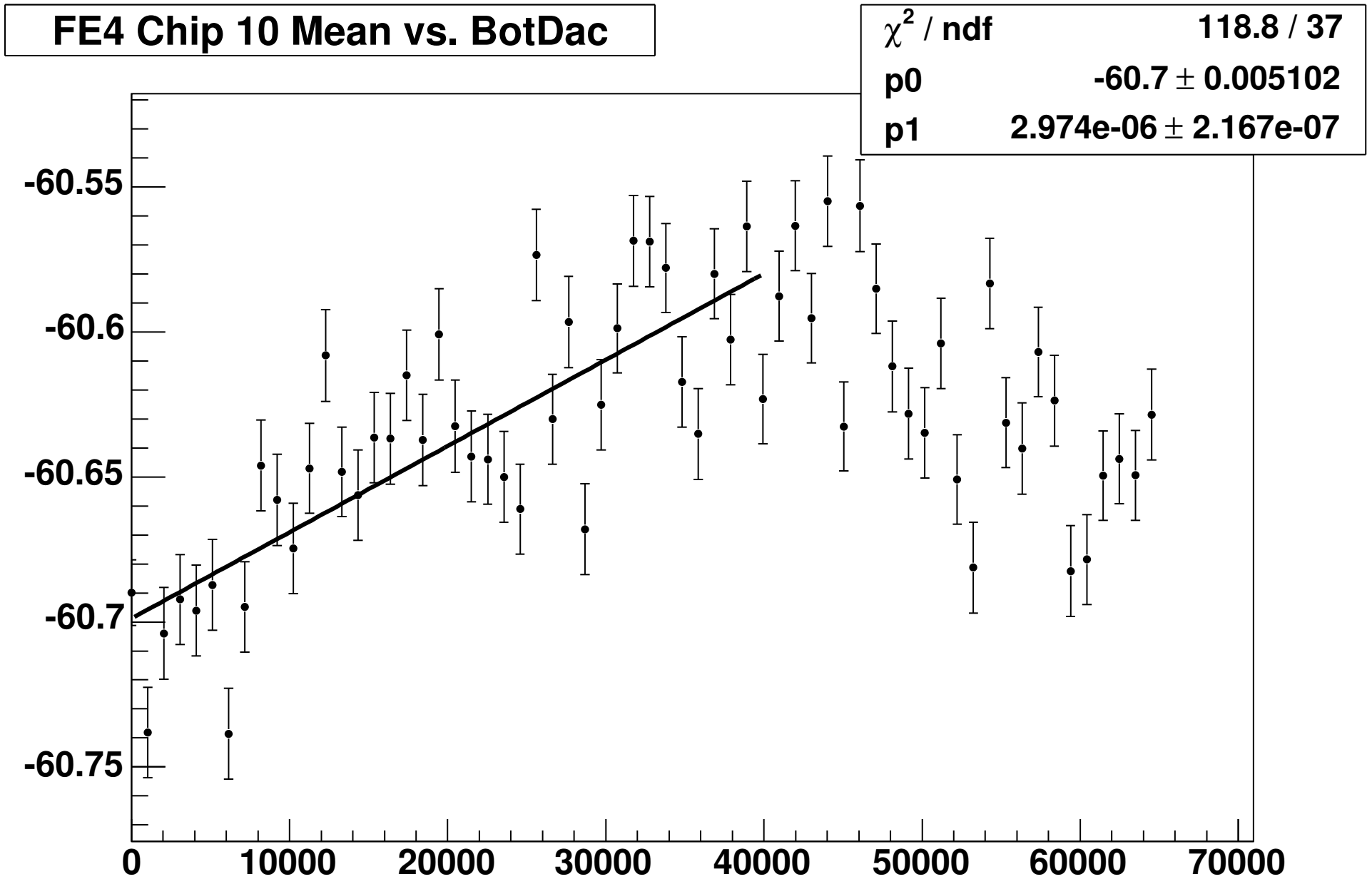
FE4 Chip 10 Mean vs. BotDac
χ² / ndf 118.8 / 37
p0 -60.7 ± 0.005102
p1 2.974e-06 ± 2.167e-07
-60.55
-60.6
-60.65
-60.7
-60.75
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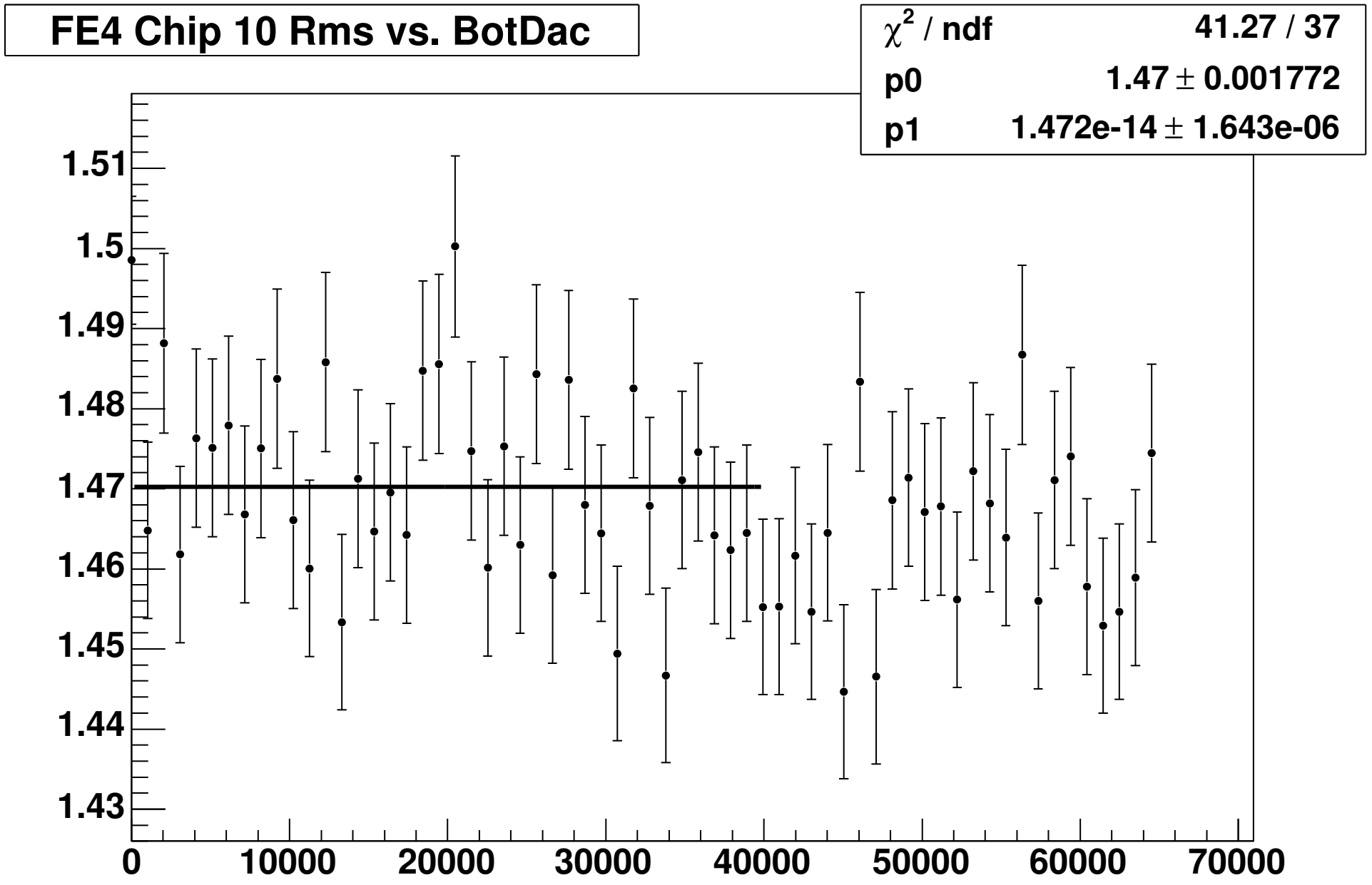
FE4 Chip 10 Rms vs. BotDac
χ² / ndf 41.27 / 37
p0 1.47 ± 0.001772
p1 1.472e-14 ± 1.643e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
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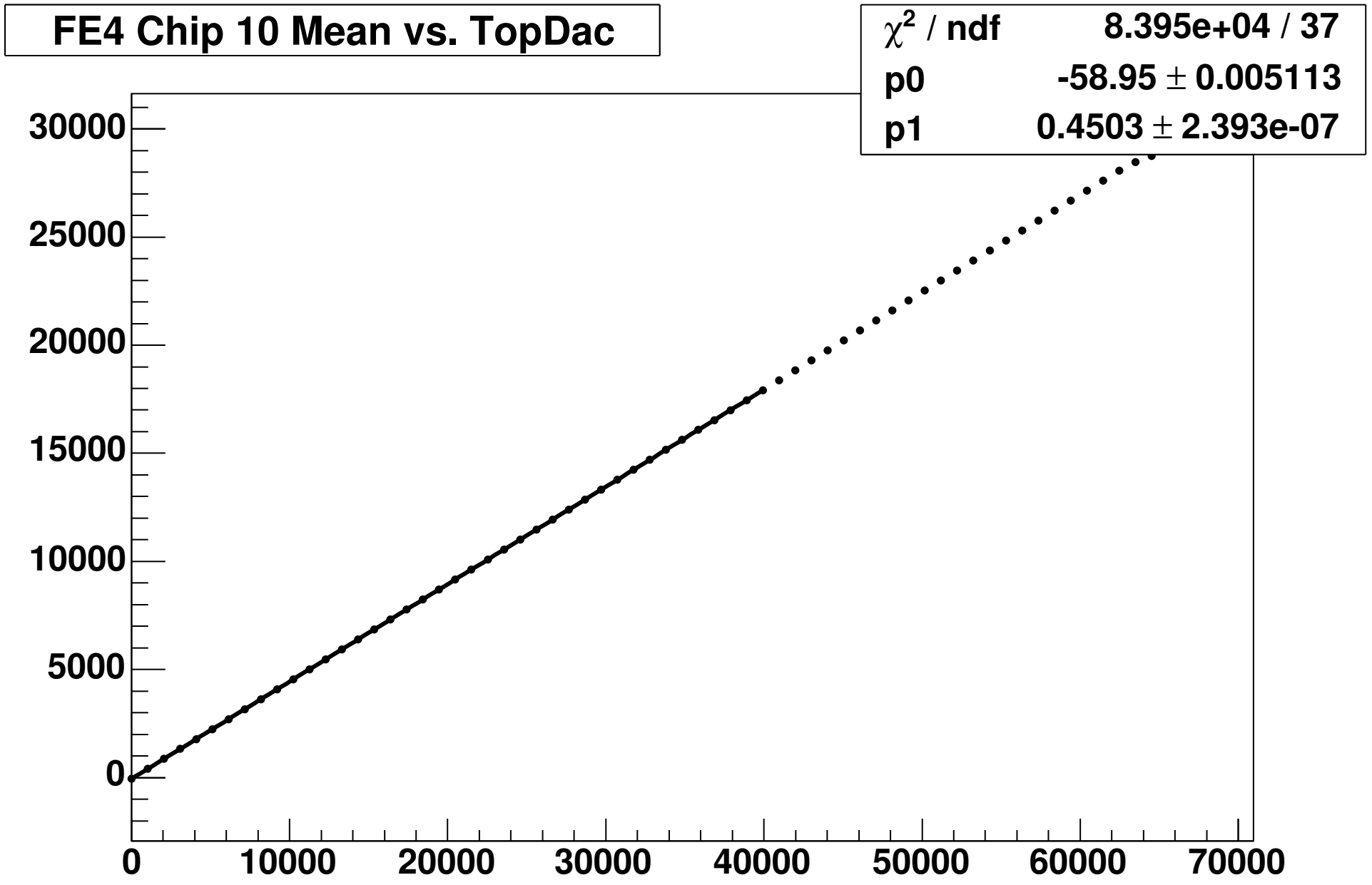
FE4 Chip 10 Mean vs. TopDac
χ² / ndf 8.395e+04 / 37
p0 -58.95 ± 0.005113
p1 0.4503 ± 2.393e-07
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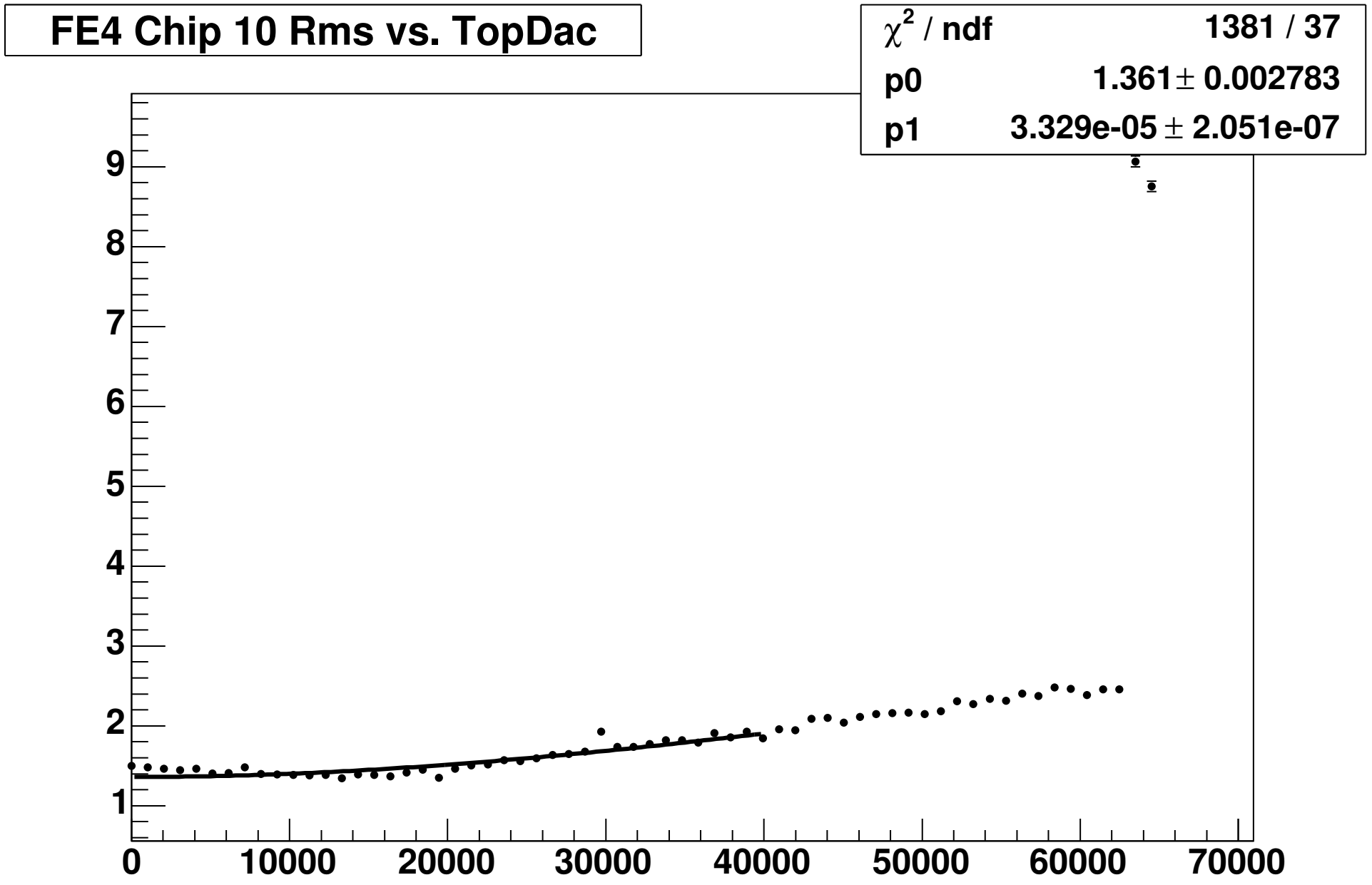
FE4 Chip 10 Rms vs. TopDac
χ² / ndf 1381 / 37
p0 1.361 ± 0.002783
p1 3.329e-05 ± 2.051e-07
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6
5
4
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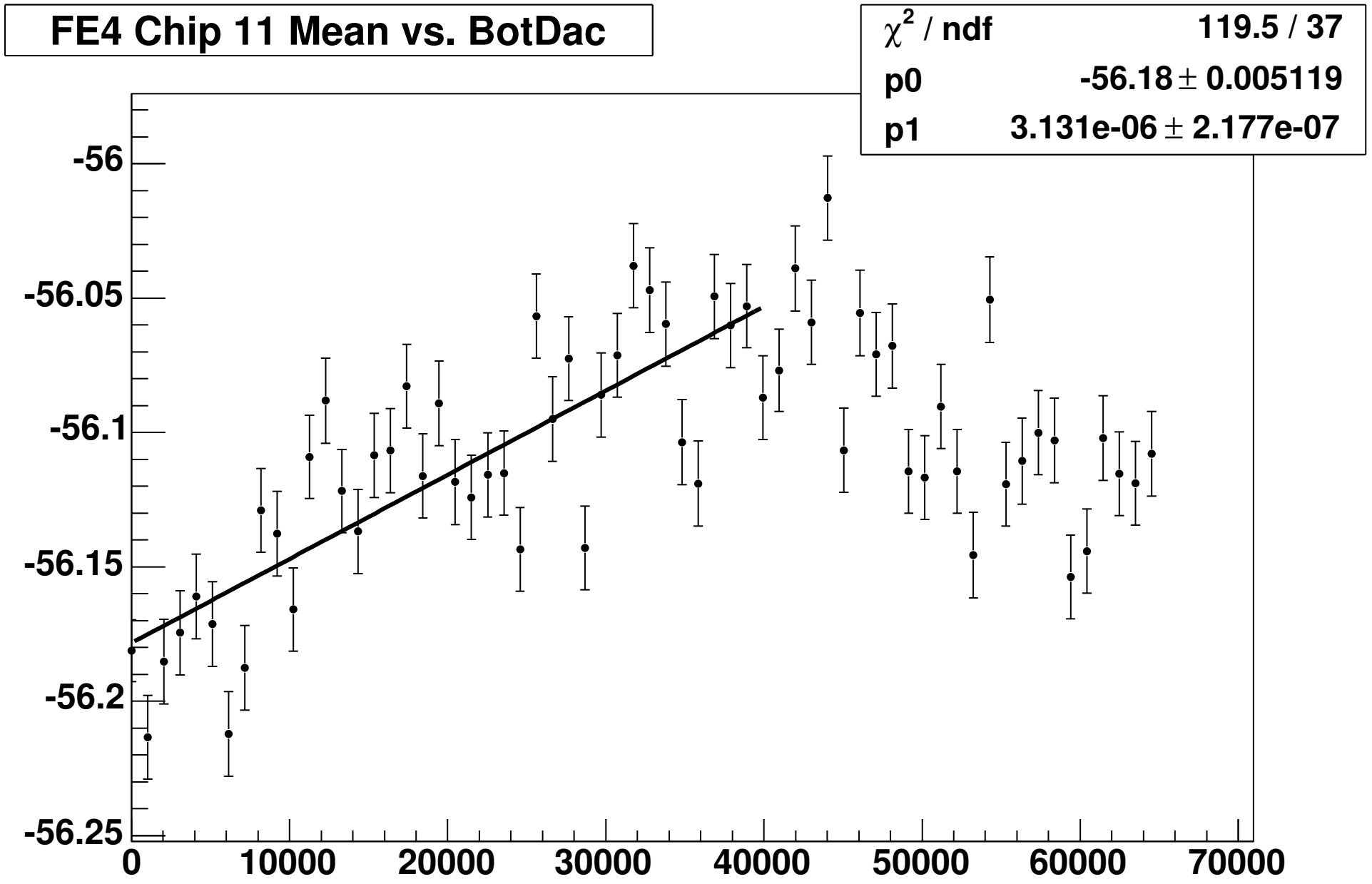
FE4 Chip 11 Mean vs. BotDac
χ² / ndf 119.5 / 37
p0 -56.18 ± 0.005119
p1 3.131e-06 ± 2.177e-07
-56
-56.05
-56.1
-56.15
-56.2
-56.25
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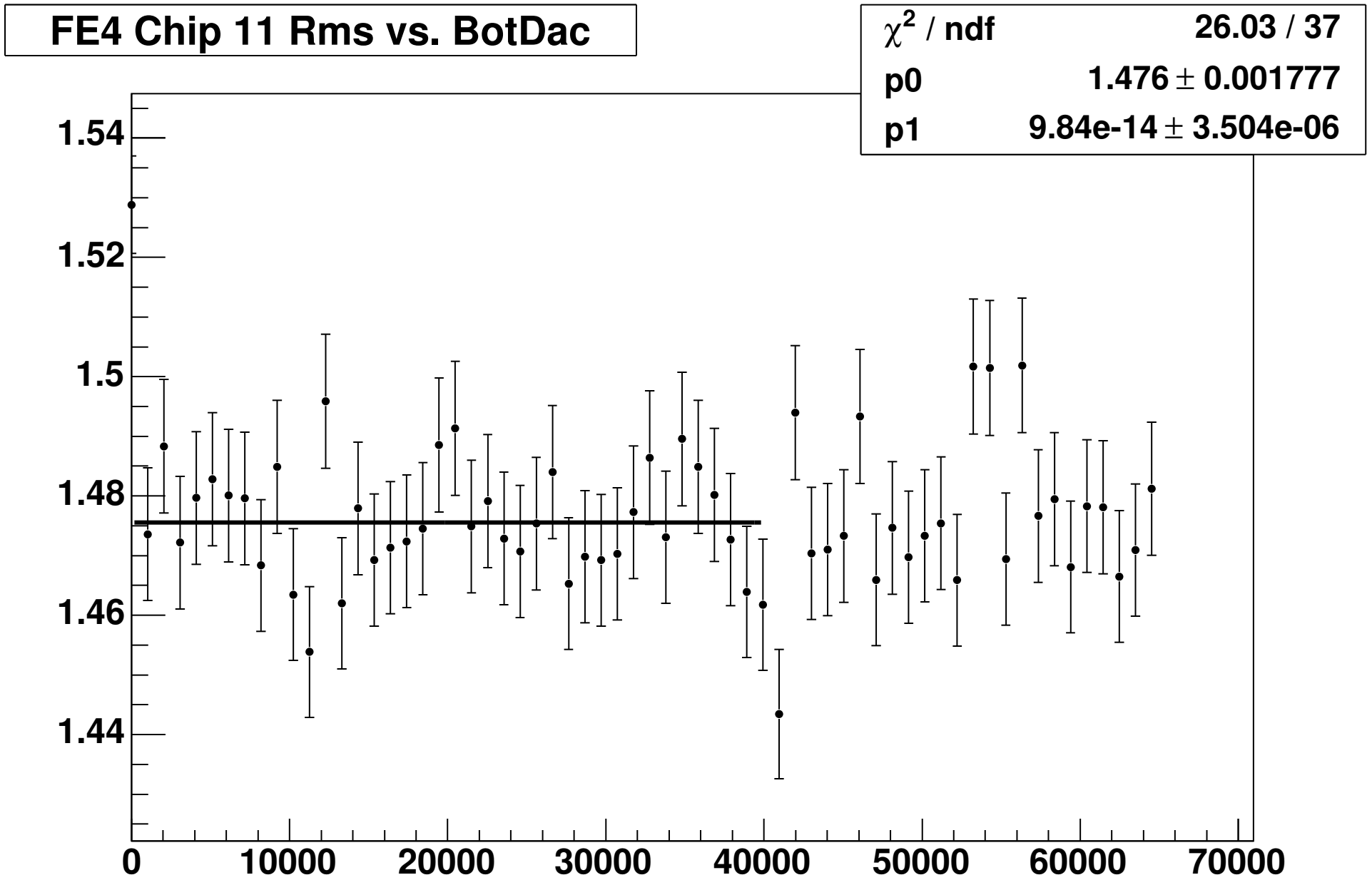
FE4 Chip 11 Rms vs. BotDac
χ² / ndf 26.03 / 37
p0 1.476 ± 0.001777
p1 9.84e-14 ± 3.504e-06
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1.52
1.5
1.48
1.46
1.44
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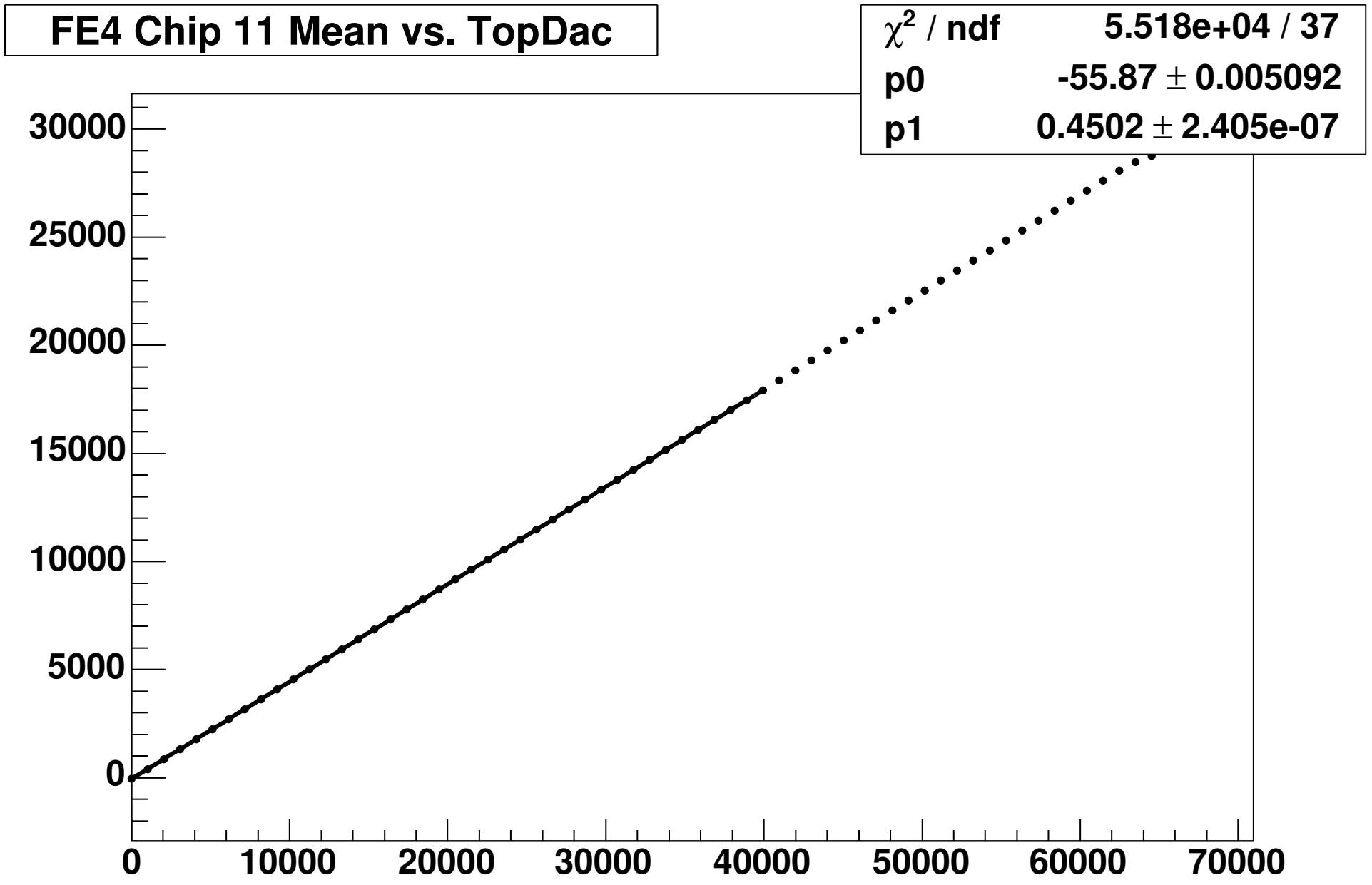
FE4 Chip 11 Mean vs. TopDac
χ² / ndf 5.518e+04 / 37
p0 -55.87 ± 0.005092
p1 0.4502 ± 2.405e-07
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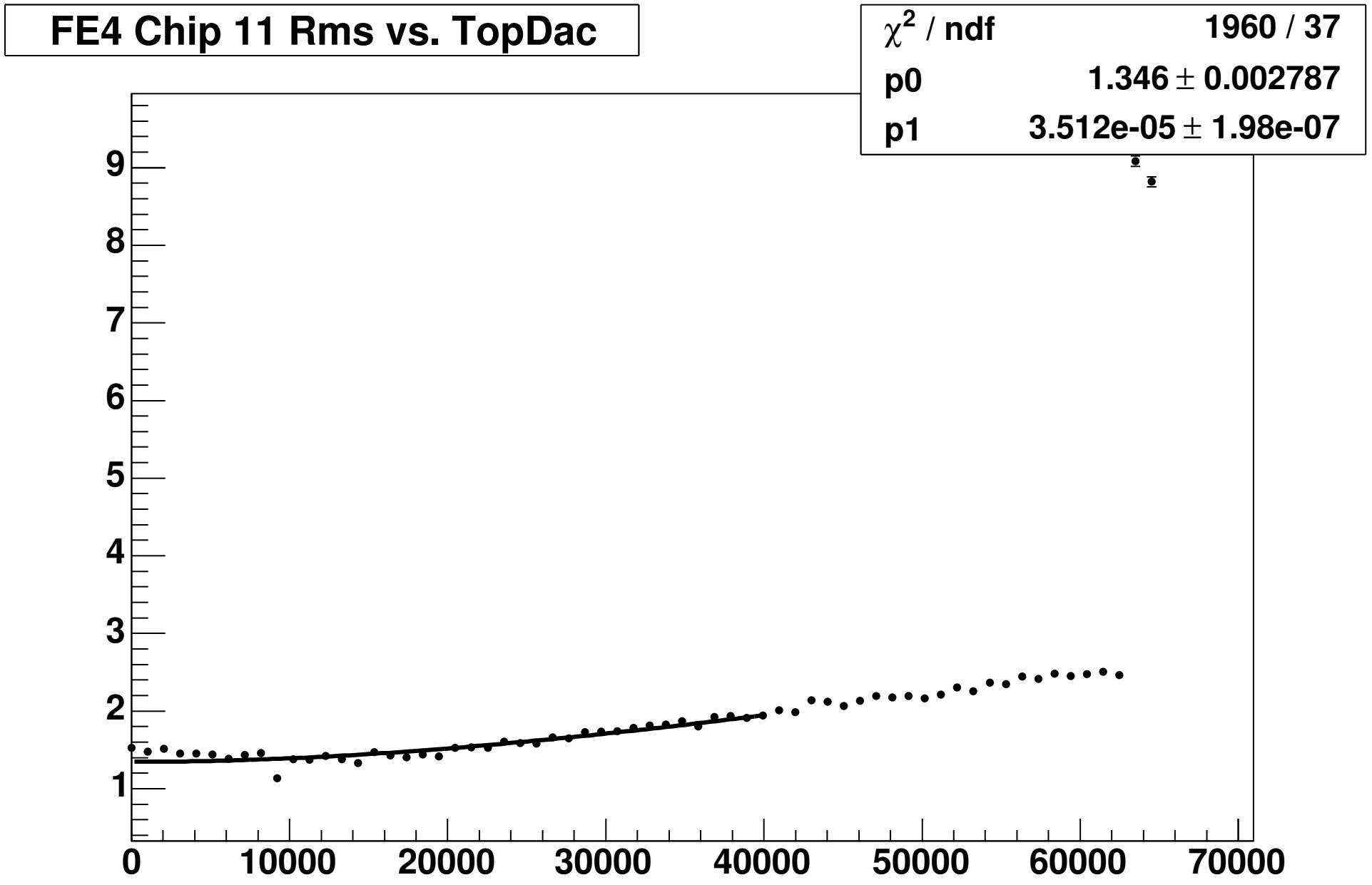
FE4 Chip 11 Rms vs. TopDac
χ² / ndf 1960 / 37
p0 1.346 ± 0.002787
p1 3.512e-05 ± 1.98e-07
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6
5
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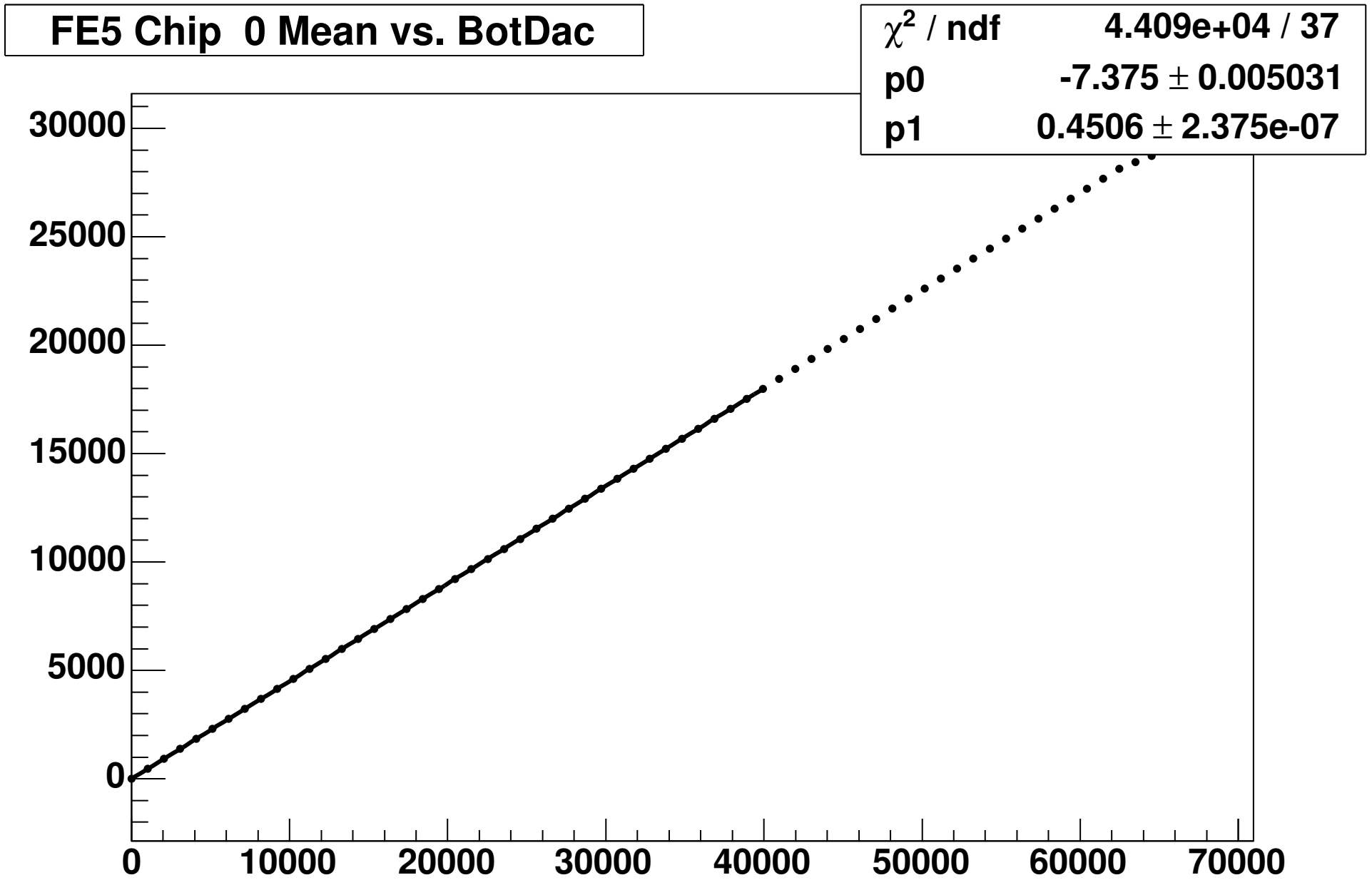
FE5 Chip 0 Mean vs. BotDac
χ² / ndf 4.409e+04 / 37
p0 -7.375 ± 0.005031
p1 0.4506 ± 2.375e-07
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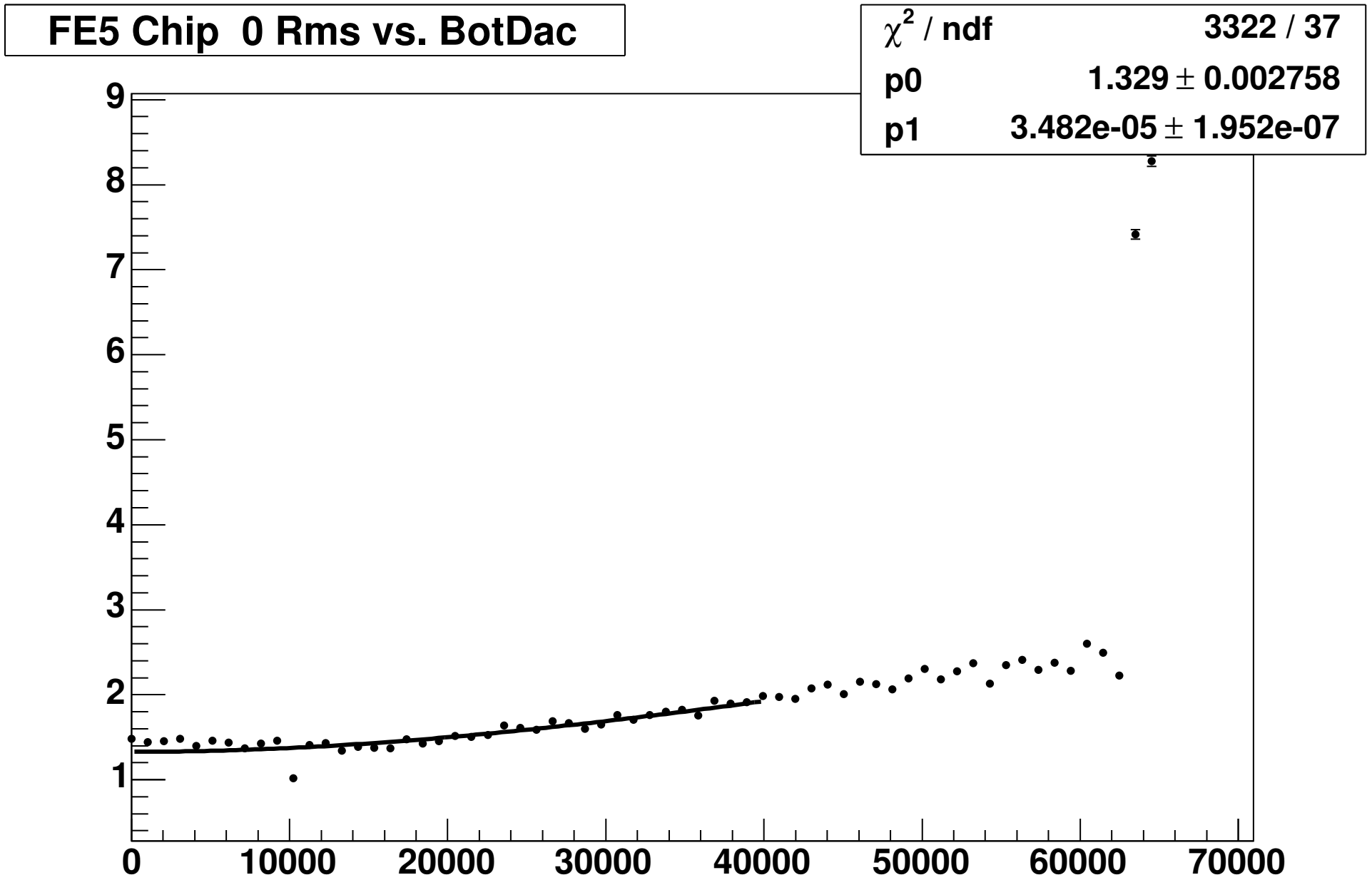
FE5 Chip 0 Rms vs. BotDac
χ² / ndf 3322 / 37
p0 1.329 ± 0.002758
p1 3.482e-05 ± 1.952e-07
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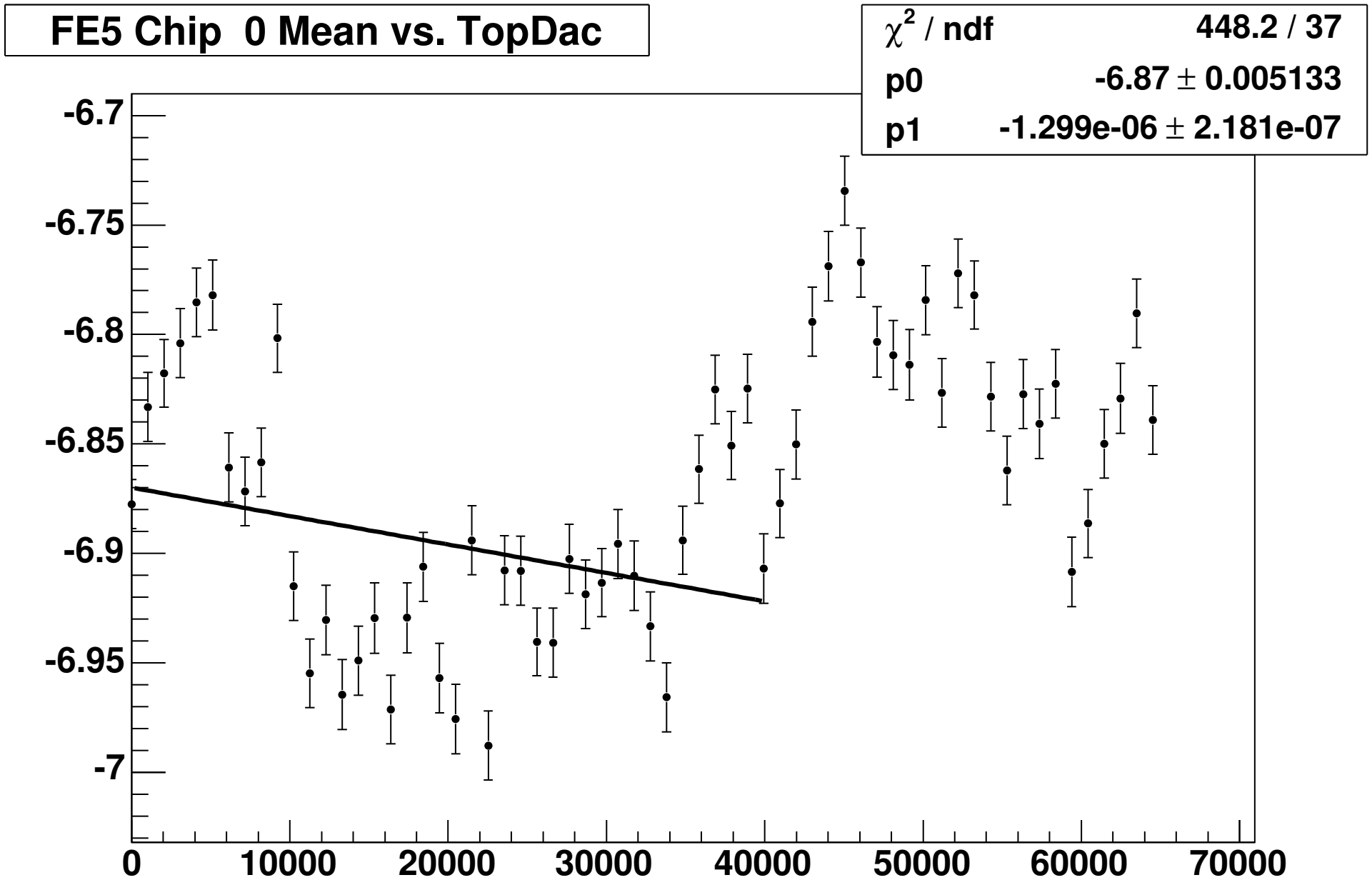
FE5 Chip 0 Mean vs. TopDac
χ² / ndf 448.2 / 37
p0 -6.87 ± 0.005133
p1 -1.299e-06 ± 2.181e-07
-6.7
-6.75
-6.8
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-6.9
-6.95
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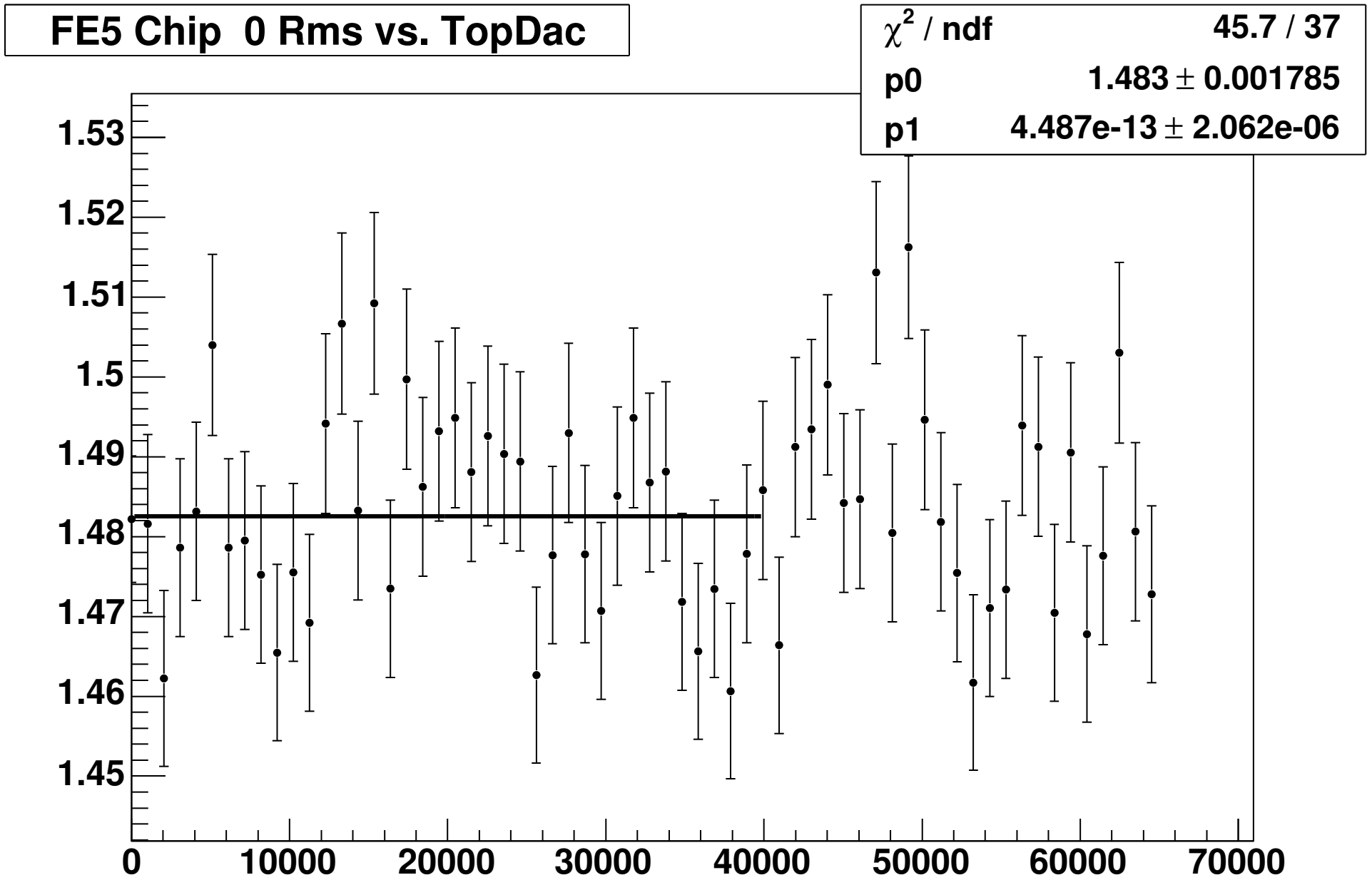
FE5 Chip 0 Rms vs. TopDac
χ² / ndf 45.7 / 37
p0 1.483 ± 0.001785
p1 4.487e-13 ± 2.062e-06
1.53
1.52
1.51
1.5
1.49
1.48
1.47
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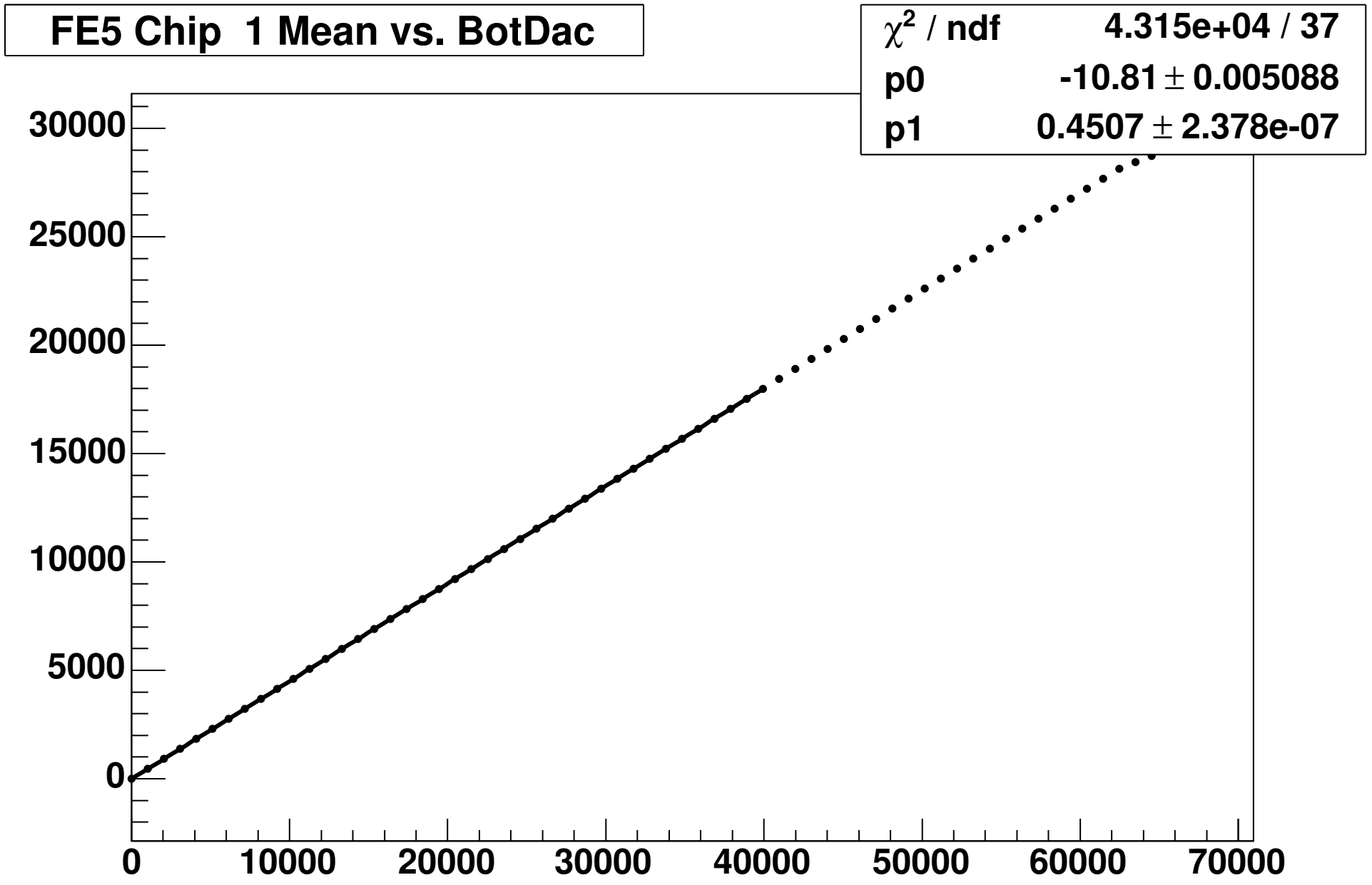
FE5 Chip 1 Mean vs. BotDac
χ² / ndf 4.315e+04 / 37
p0 -10.81 ± 0.005088
p1 0.4507 ± 2.378e-07
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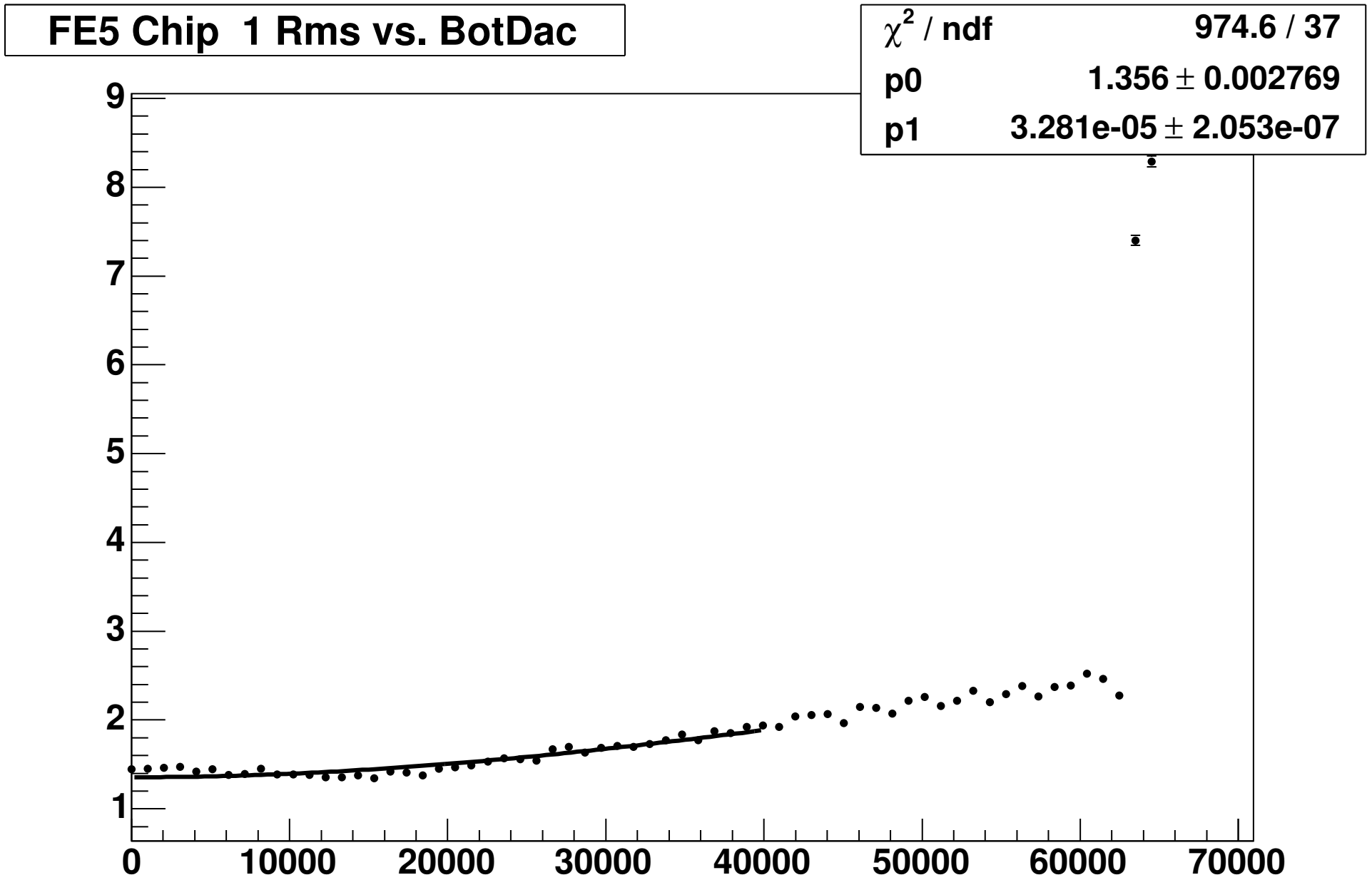
FE5 Chip 1 Rms vs. BotDac
χ² / ndf 974.6 / 37
p0 1.356 ± 0.002769
p1 3.281e-05 ± 2.053e-07
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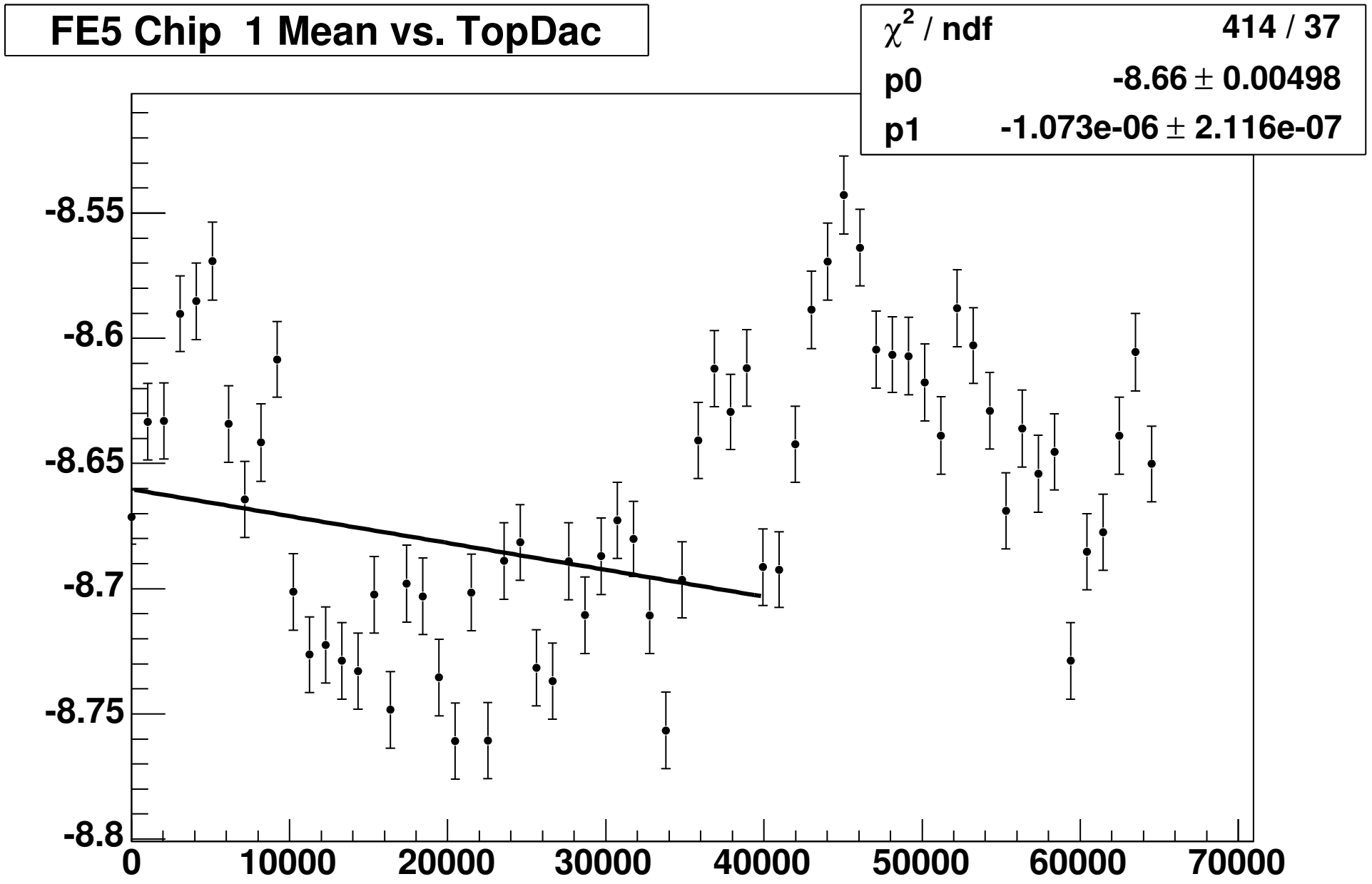
FE5 Chip 1 Mean vs. TopDac
χ² / ndf 414 / 37
p0 -8.66 ± 0.00498
p1 -1.073e-06 ± 2.116e-07
-8.55
-8.6
-8.65
-8.7
-8.75
-8.8
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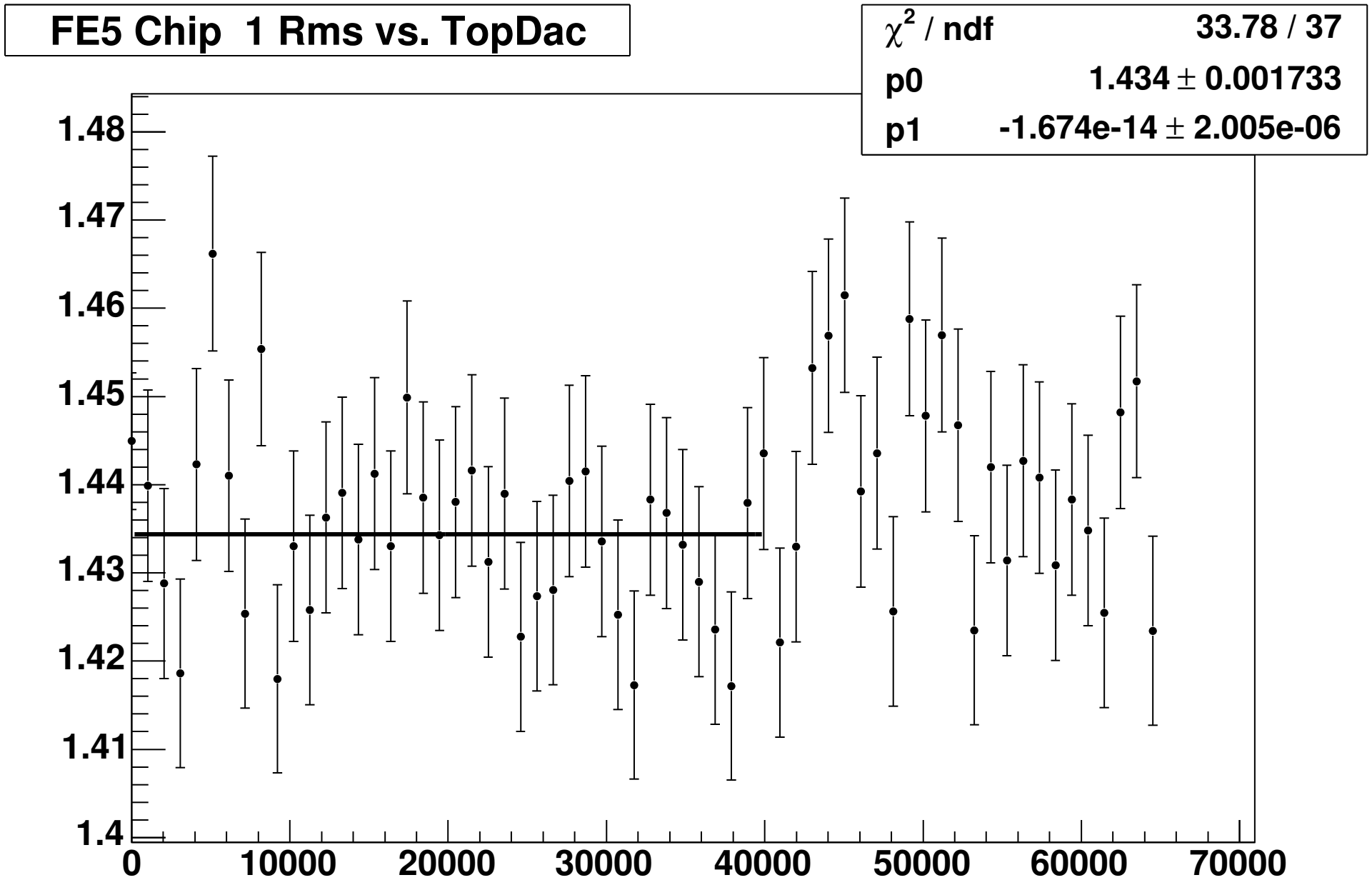
FE5 Chip 1 Rms vs. TopDac
χ² / ndf 33.78 / 37
p0 1.434 ± 0.001733
p1 -1.674e-14 ± 2.005e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
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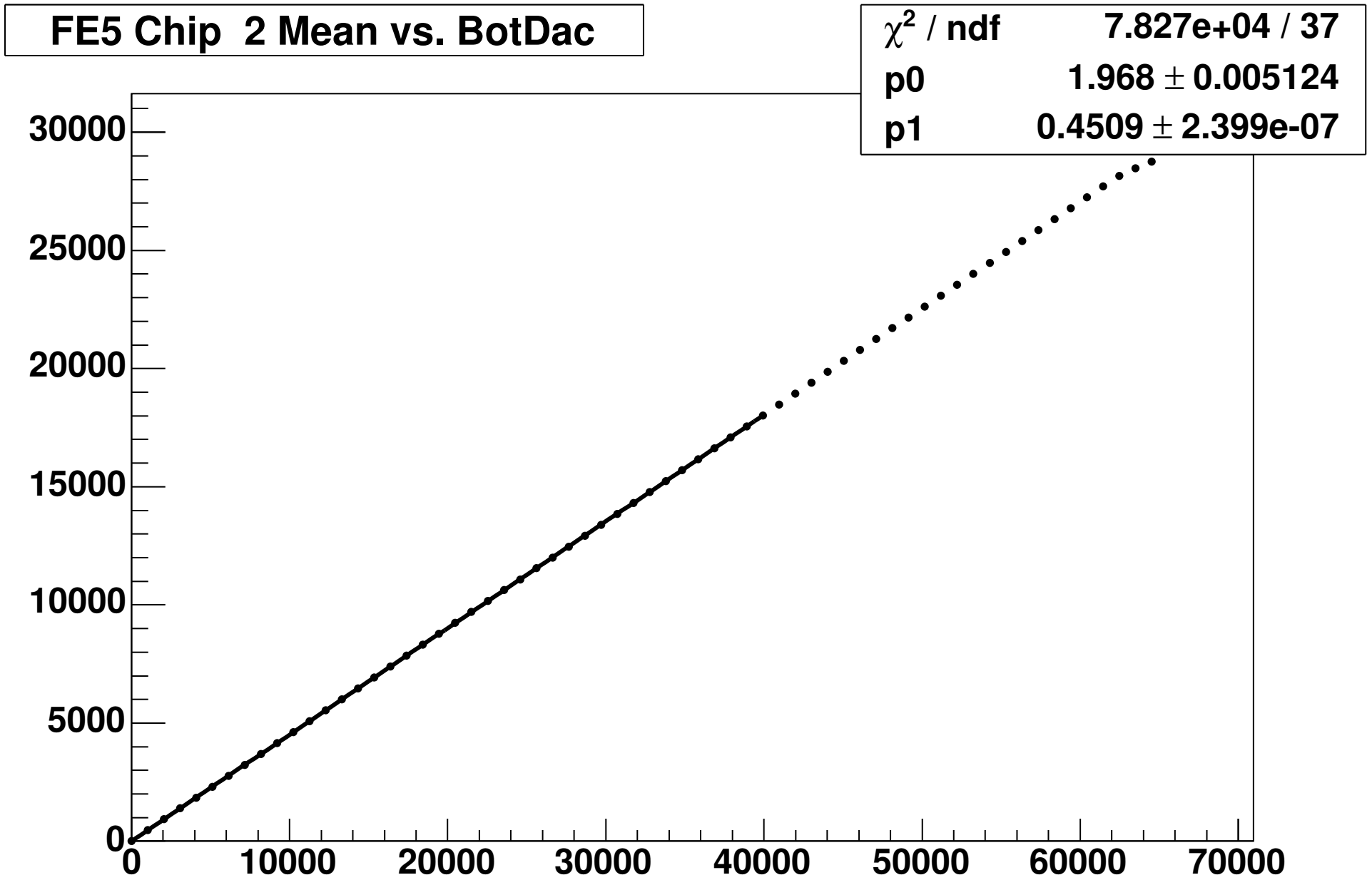
FE5 Chip 2 Mean vs. BotDac
χ² / ndf 7.827e+04 / 37
p0 1.968 ± 0.005124
p1 0.4509 ± 2.399e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
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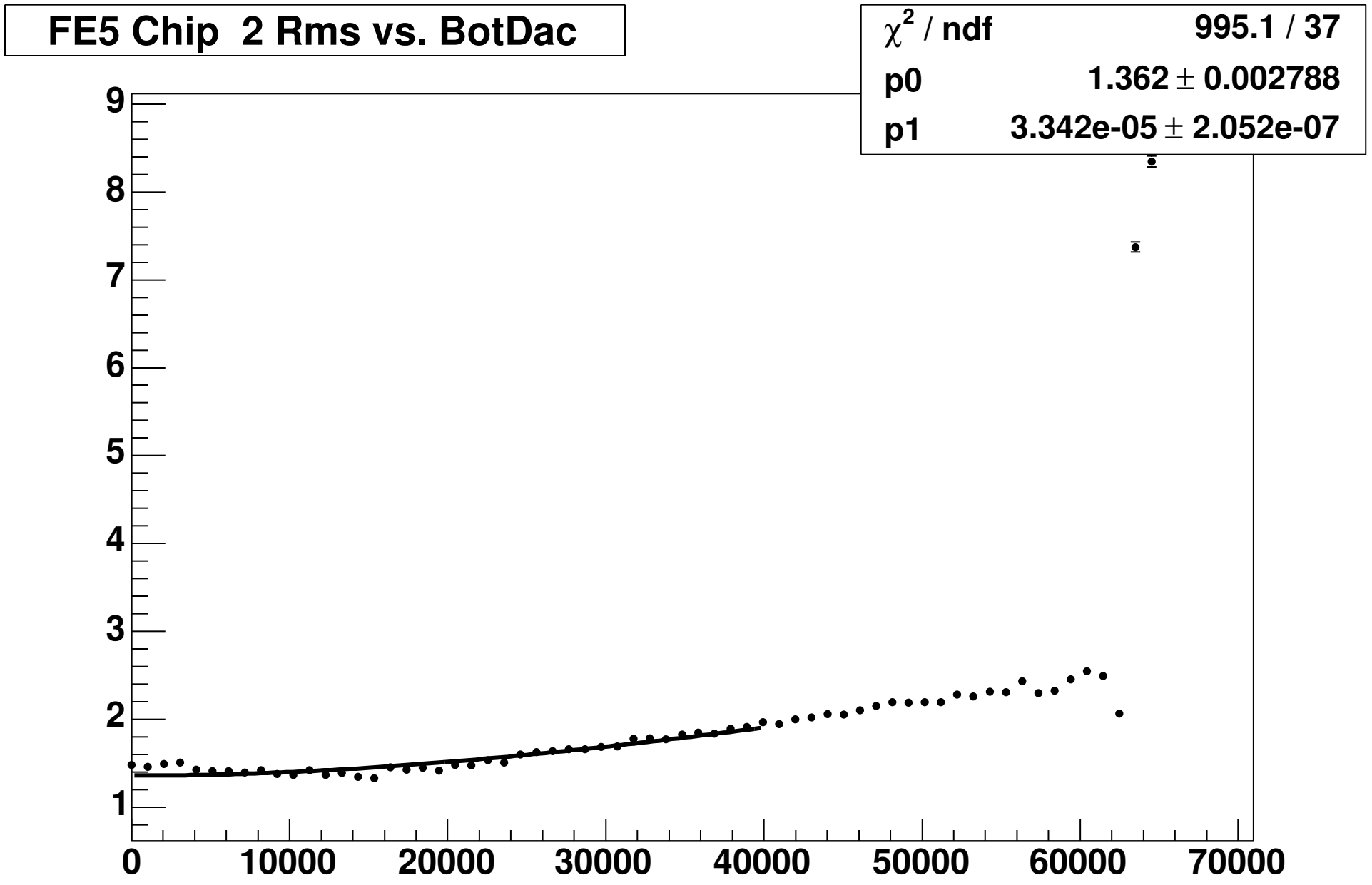
FE5 Chip 2 Rms vs. BotDac
χ² / ndf 995.1 / 37
p0 1.362 ± 0.002788
p1 3.342e-05 ± 2.052e-07
9
8
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6
5
4
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2
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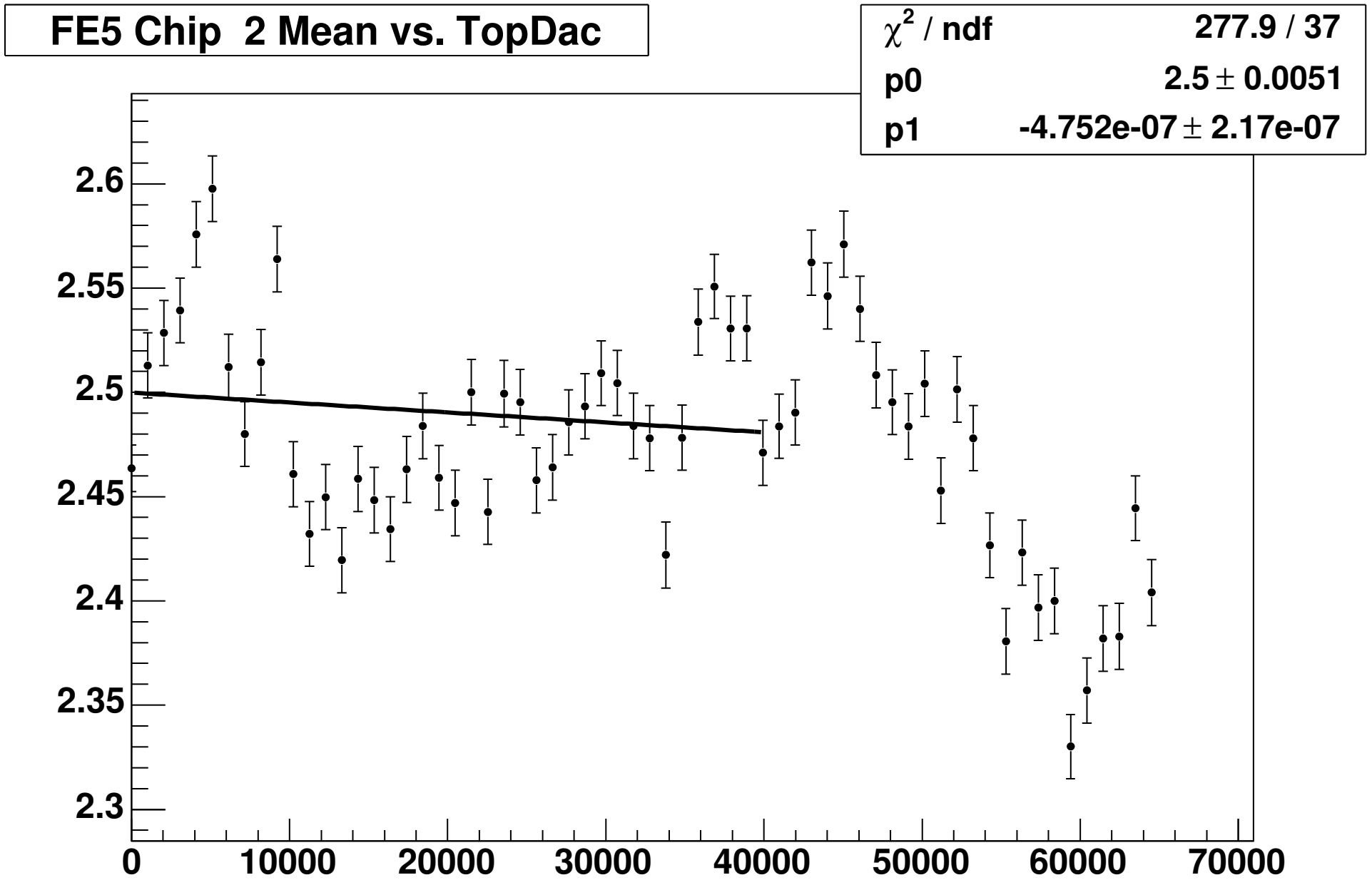
FE5 Chip 2 Mean vs. TopDac
χ² / ndf 277.9 / 37
p0 2.5 ± 0.0051
p1 -4.752e-07 ± 2.17e-07
2.6
2.55
2.5
2.45
2.4
2.35
2.3
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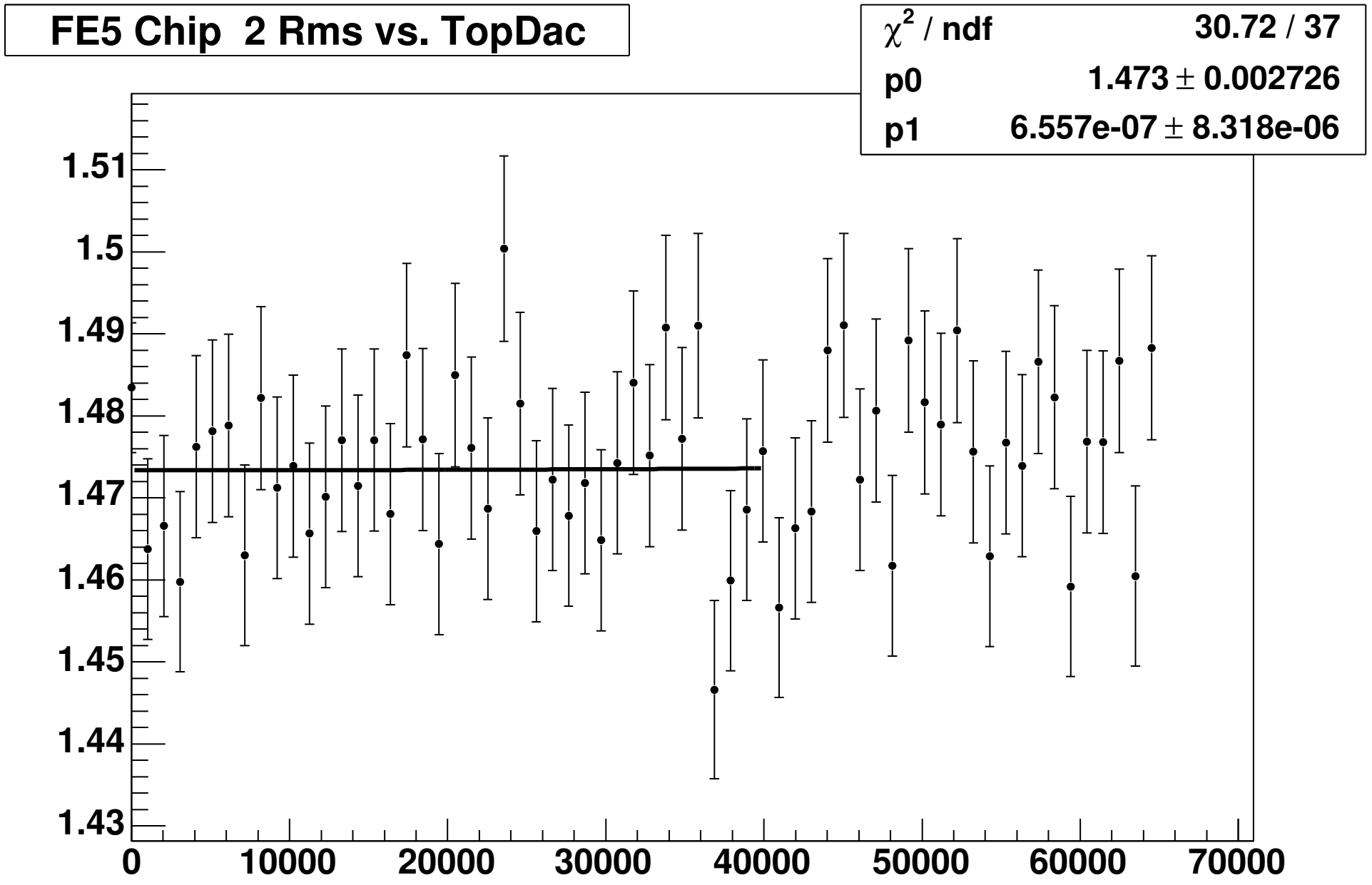
FE5 Chip 2 Rms vs. TopDac
χ² / ndf 30.72 / 37
p0 1.473 ± 0.002726
p1 6.557e-07 ± 8.318e-06
1.51
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
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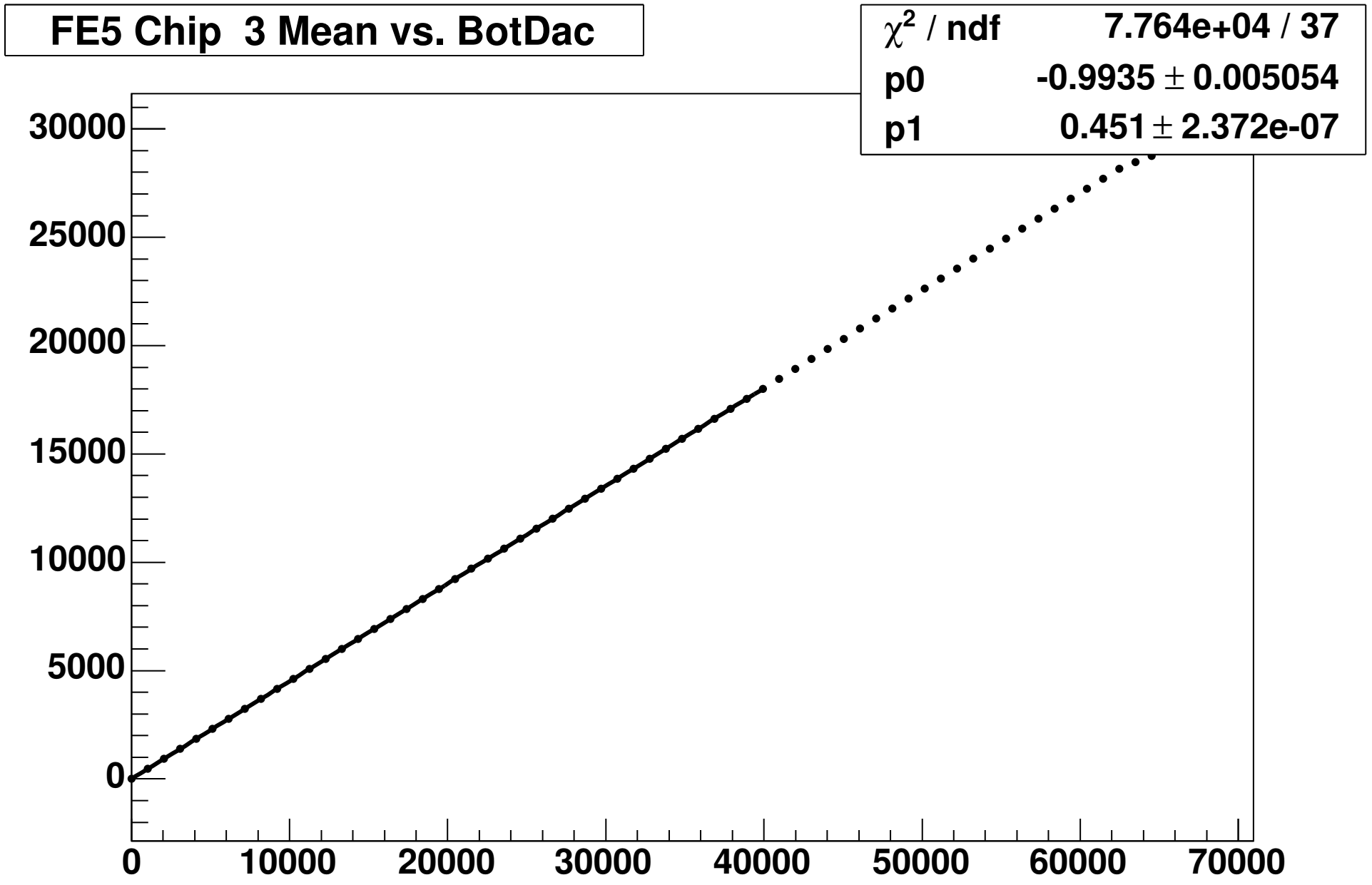
FE5 Chip 3 Mean vs. BotDac
χ² / ndf 7.764e+04 / 37
p0 -0.9935 ± 0.005054
p1 0.451 ± 2.372e-07
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20000
15000
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5000
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10000
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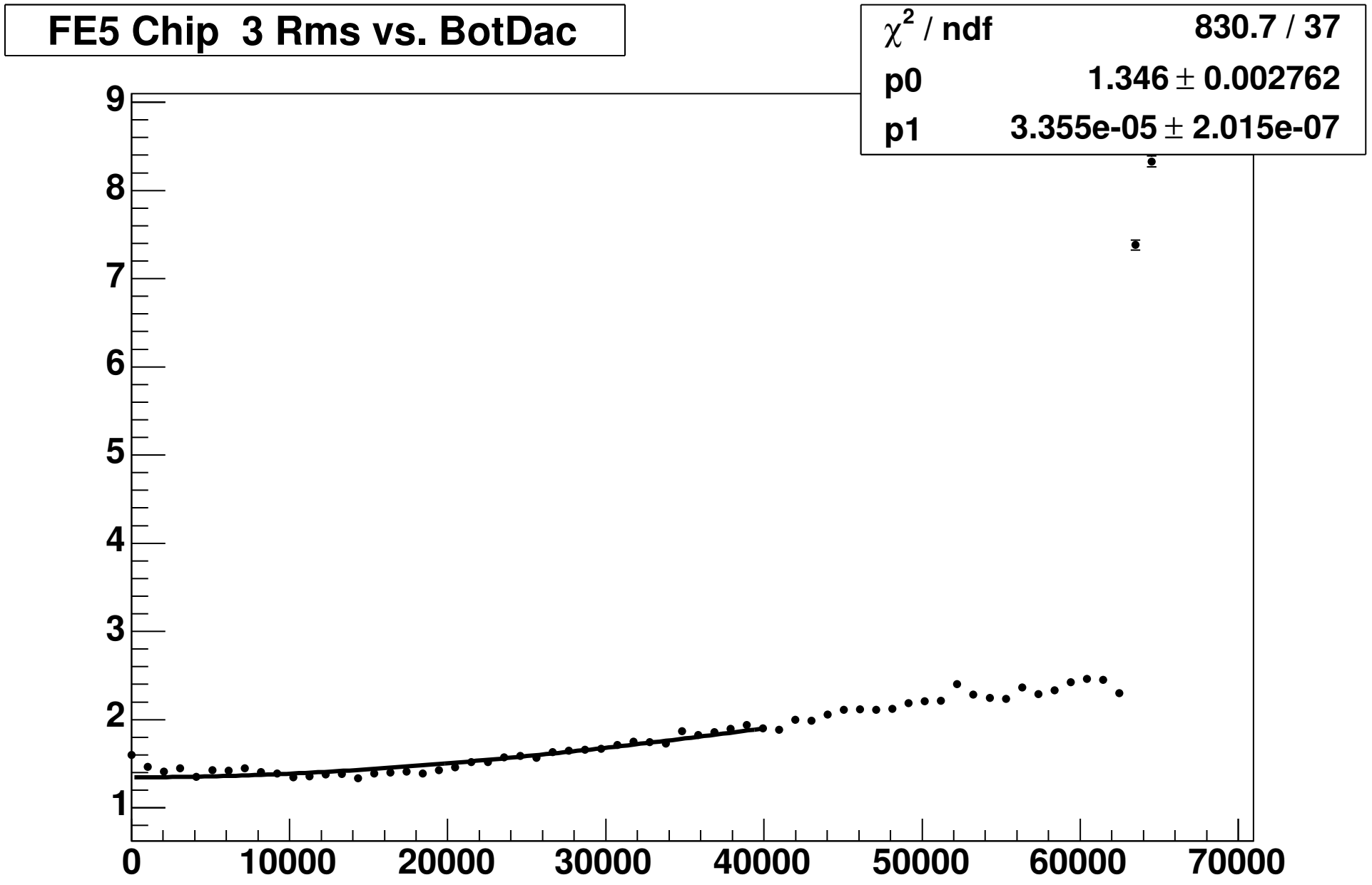
FE5 Chip 3 Rms vs. BotDac
χ² / ndf 830.7 / 37
p0 1.346 ± 0.002762
p1 3.355e-05 ± 2.015e-07
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6
5
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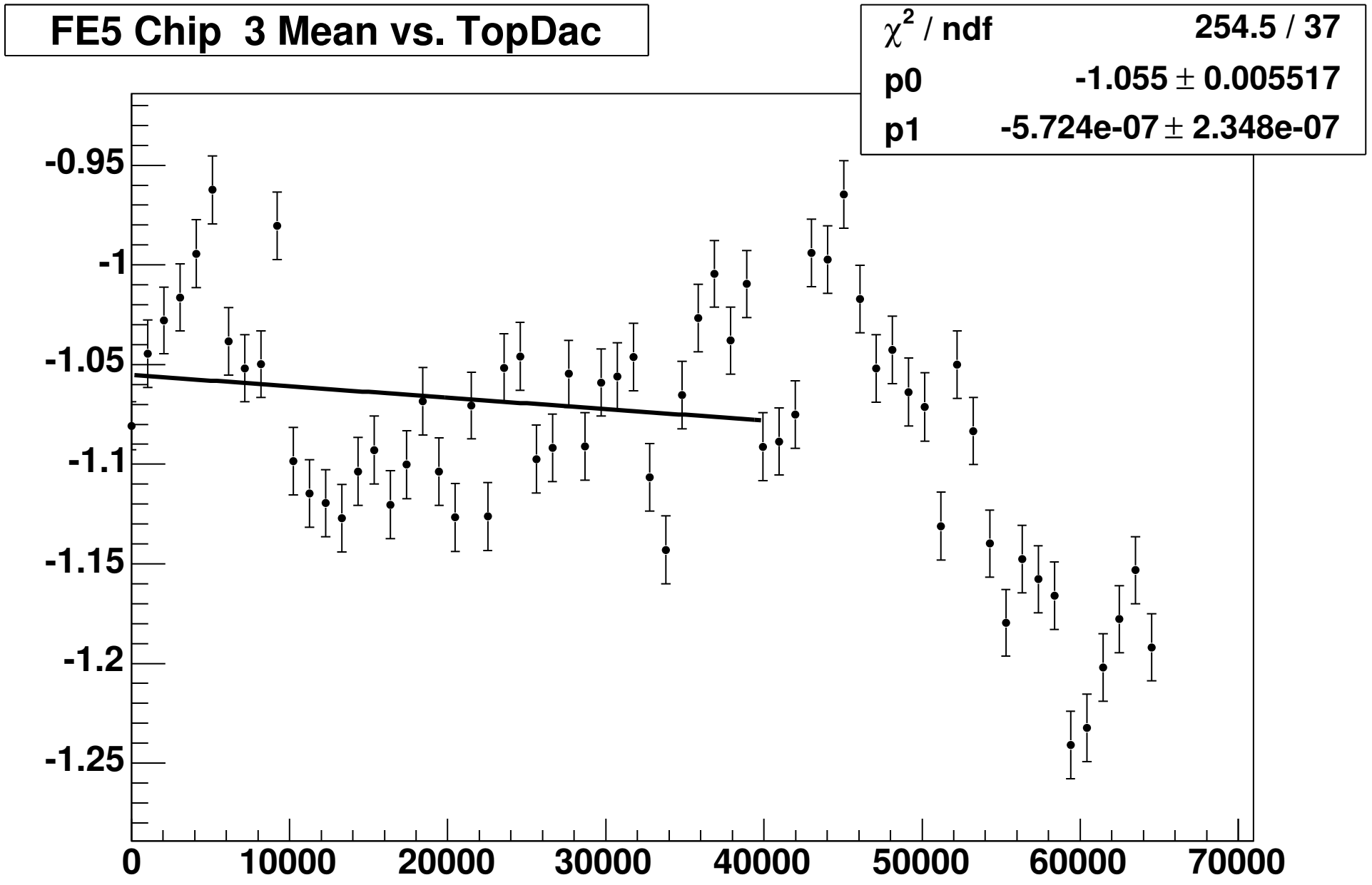
FE5 Chip 3 Mean vs. TopDac
χ² / ndf 254.5 / 37
p0 -1.055 ± 0.005517
p1 -5.724e-07 ± 2.348e-07
-0.95
-1
-1.05
-1.1
-1.15
-1.2
-1.25
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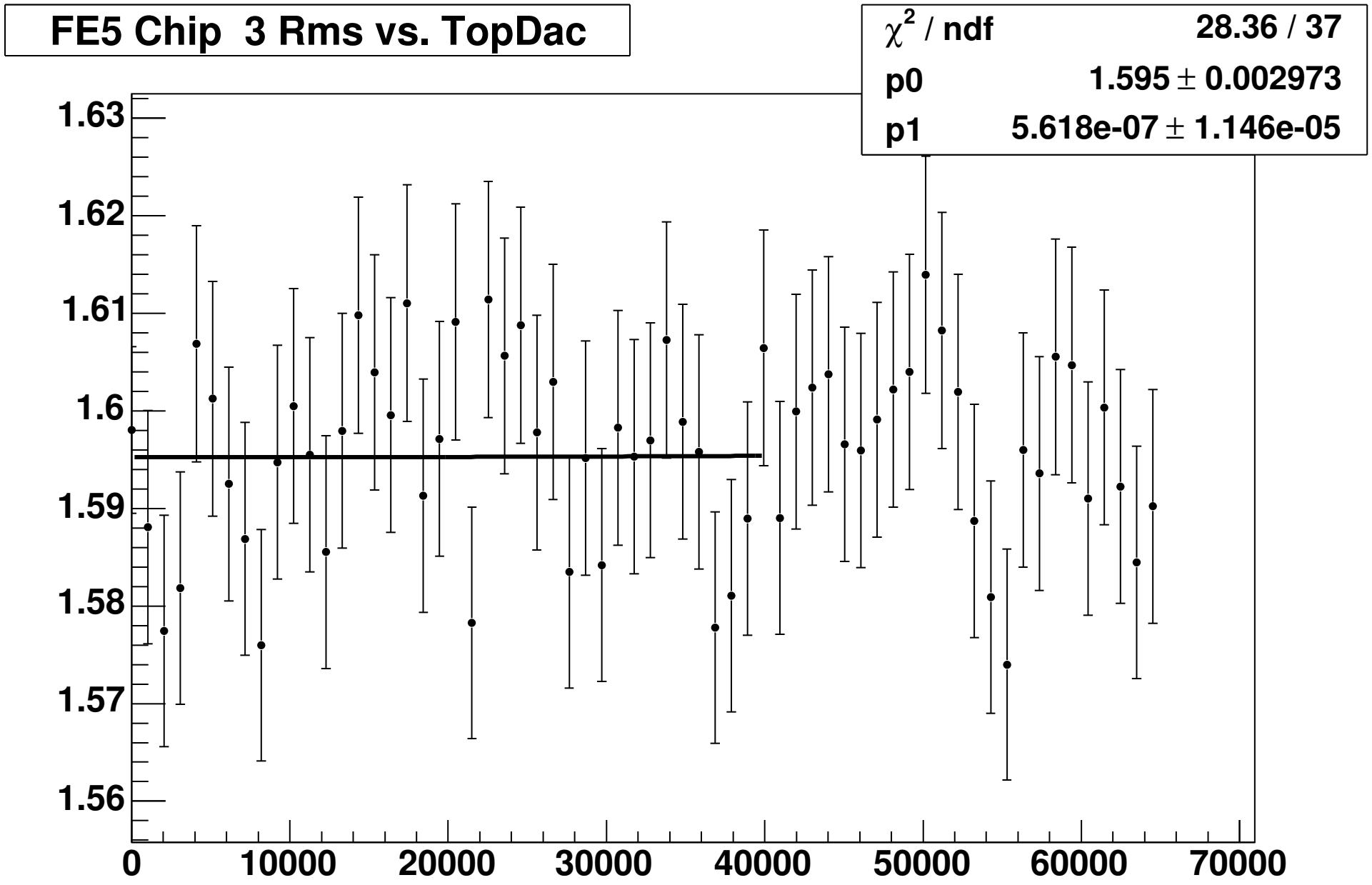
FE5 Chip 3 Rms vs. TopDac
χ² / ndf 28.36 / 37
p0 1.595 ± 0.002973
p1 5.618e-07 ± 1.146e-05
1.63
1.62
1.61
1.6
1.59
1.58
1.57
1.56
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50000
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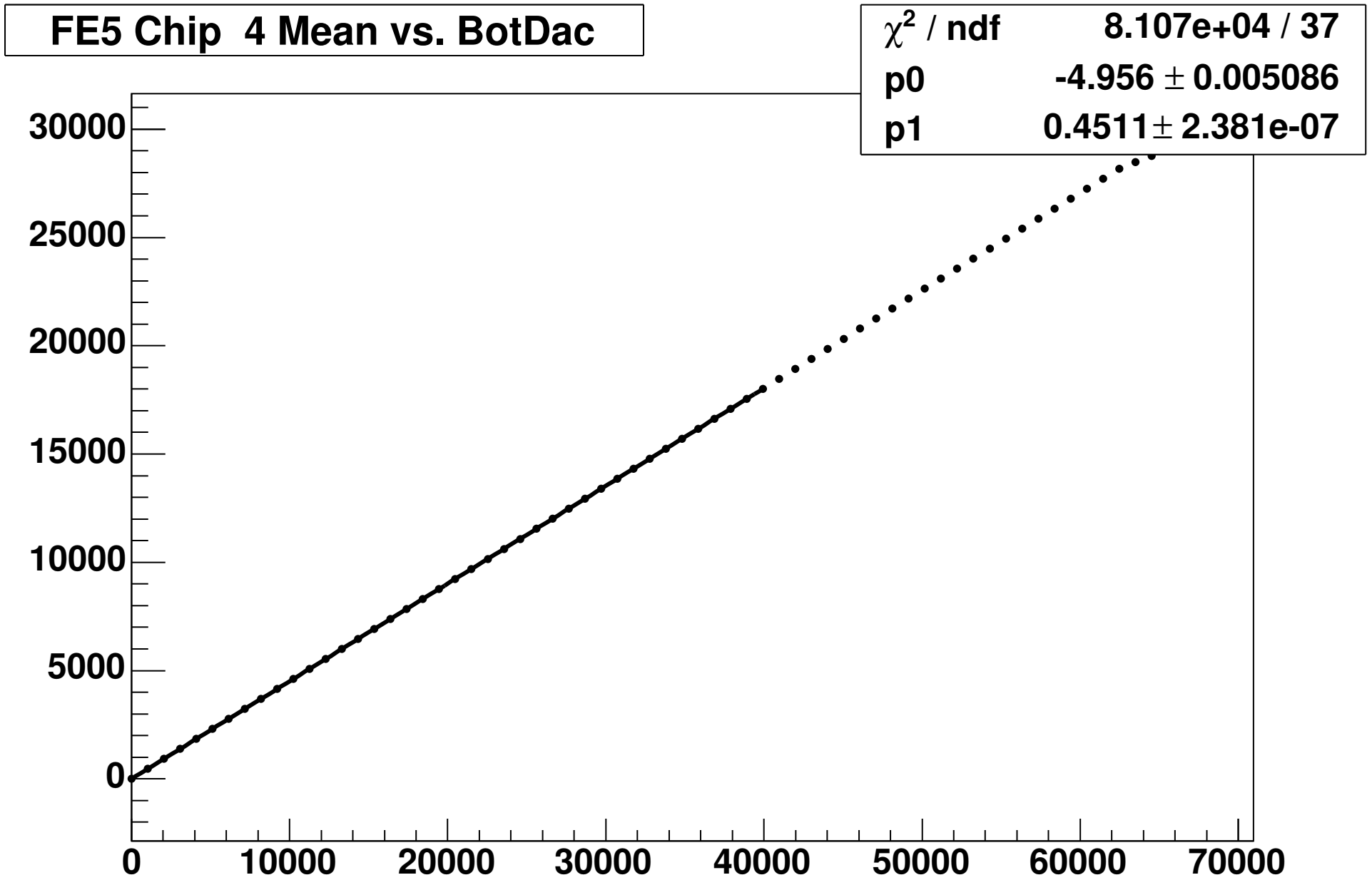
FE5 Chip 4 Mean vs. BotDac
χ² / ndf 8.107e+04 / 37
p0 -4.956 ± 0.005086
p1 0.4511 ± 2.381e-07
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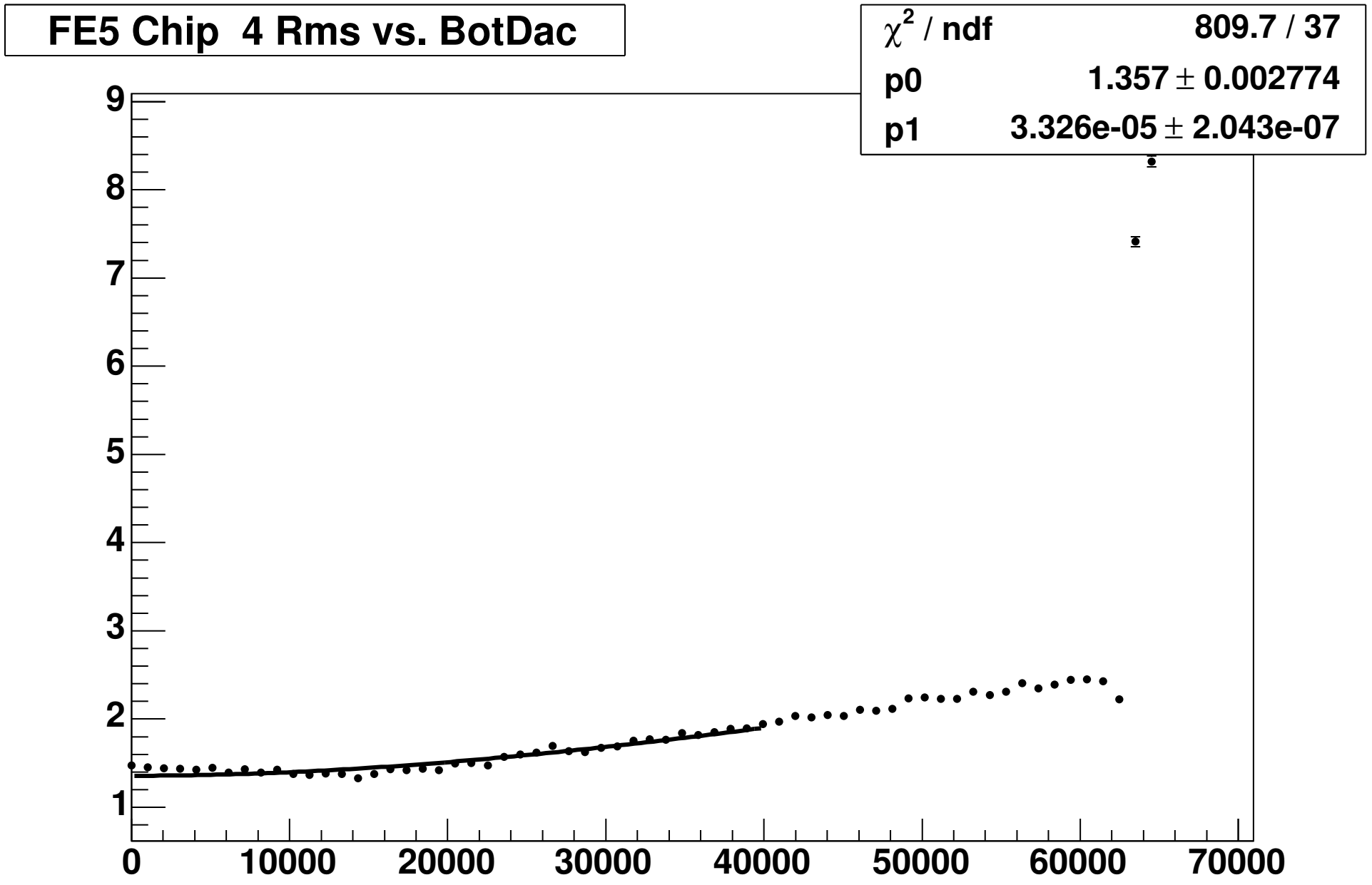
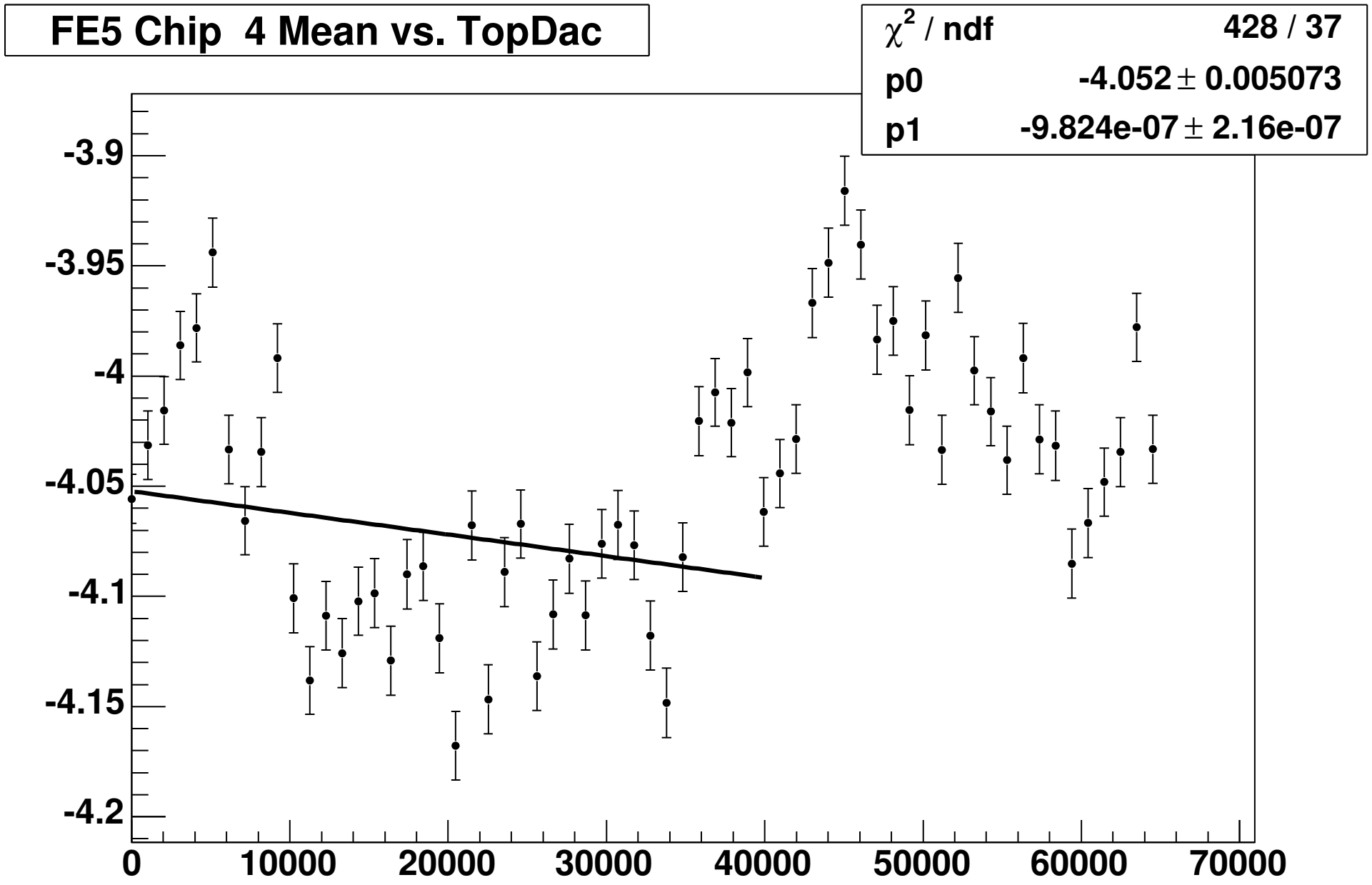
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 4 Rms vs. BotDac
χ² / ndf 809.7 / 37
p0 1.357 ± 0.002774
p1 3.326e-05 ± 2.043e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 4 Mean vs. TopDac
χ² / ndf 428 / 37
p0 -4.052 ± 0.005073
p1 -9.824e-07 ± 2.16e-07
-3.9
-3.95
-4
-4.05
-4.1
-4.15
-4.2
0
10000
20000
30000
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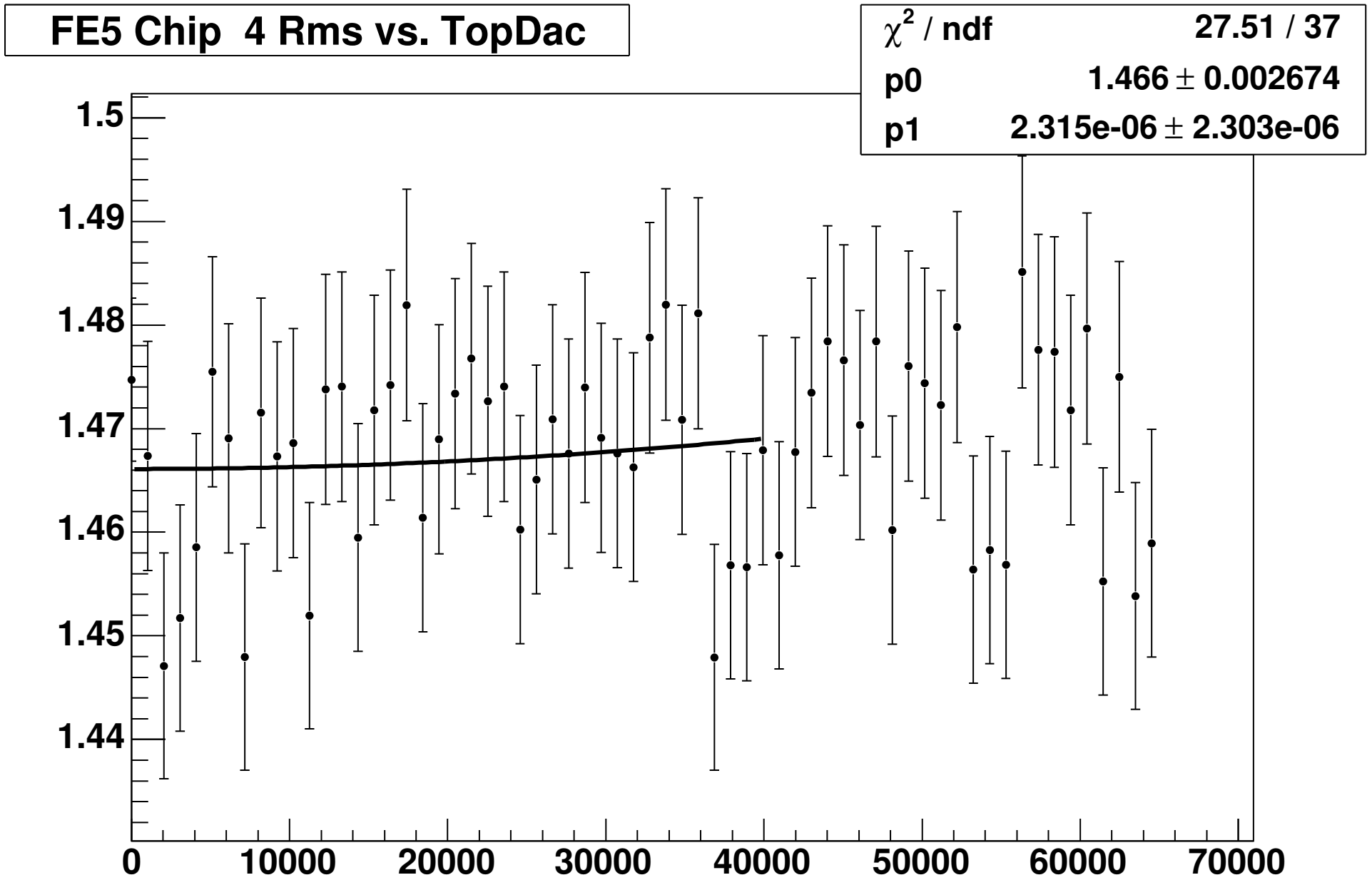
50000
60000
70000


FE5 Chip 4 Rms vs. TopDac
χ² / ndf 27.51 / 37
p0 1.466 ± 0.002674
p1 2.315e-06 ± 2.303e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
0
10000
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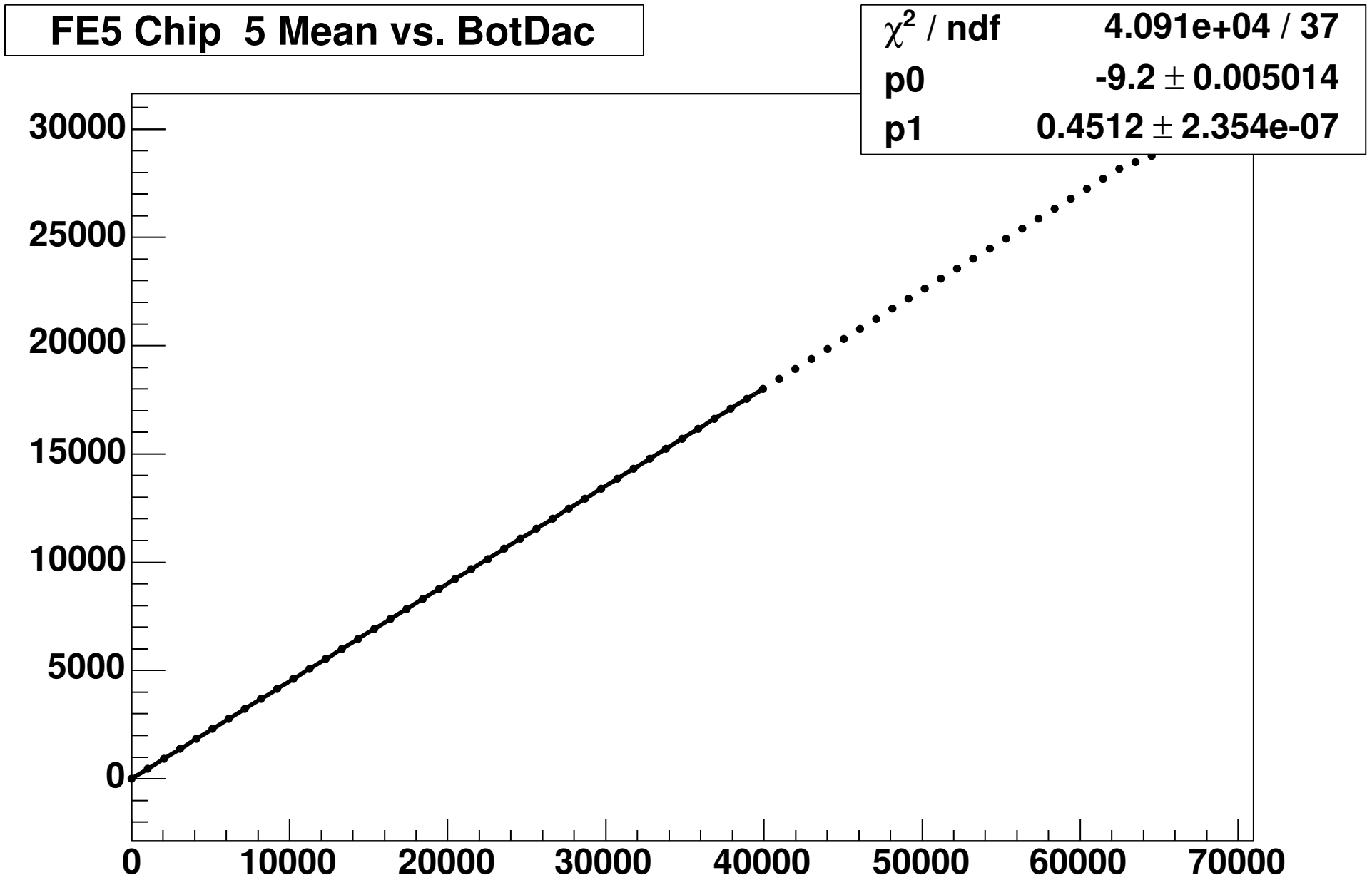
FE5 Chip 5 Mean vs. BotDac
χ² / ndf 4.091e+04 / 37
p0 -9.2 ± 0.005014
p1 0.4512 ± 2.354e-07
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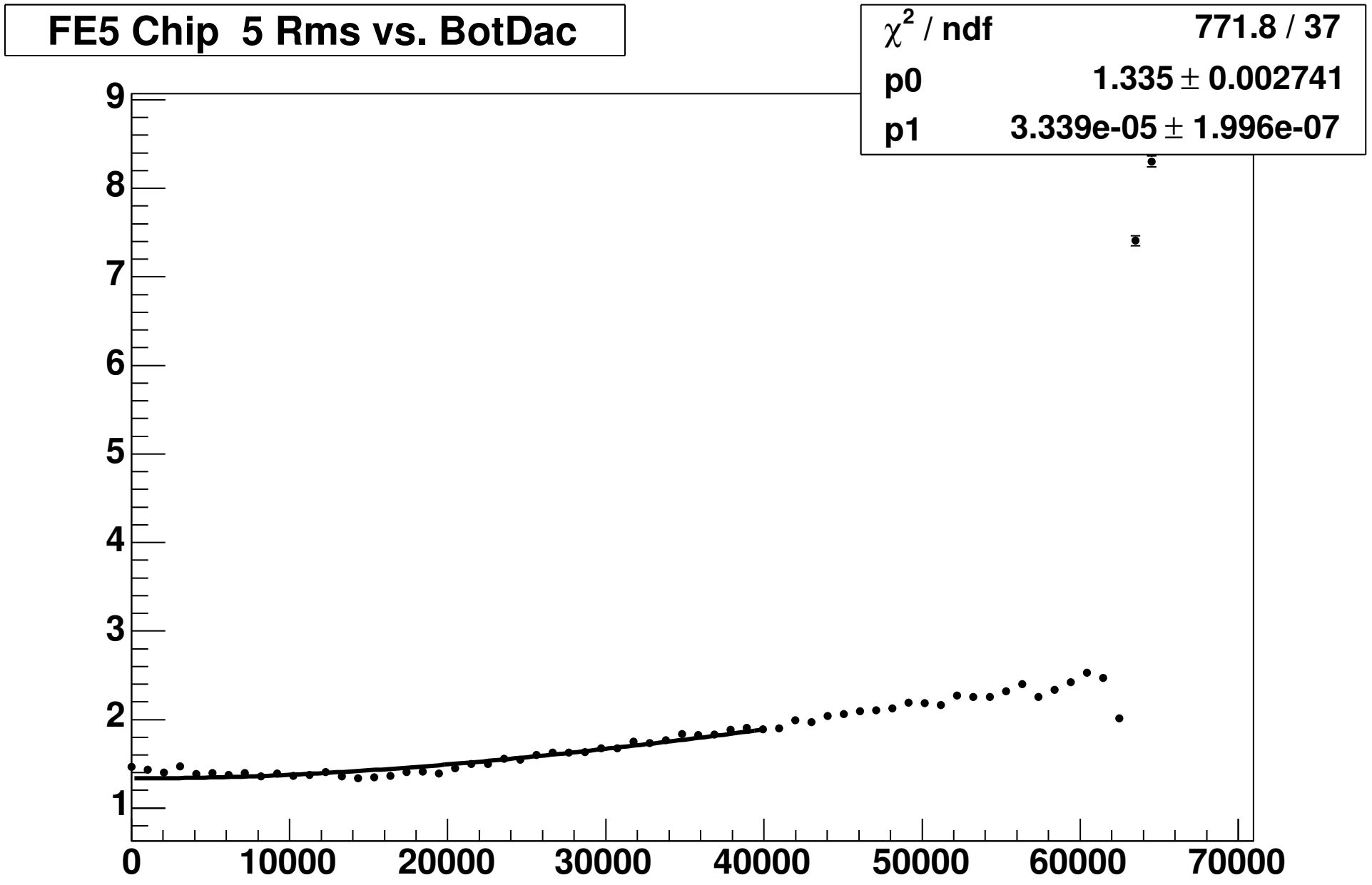
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 5 Rms vs. BotDac
χ² / ndf 771.8 / 37
p0 1.335 ± 0.002741
p1 3.339e-05 ± 1.996e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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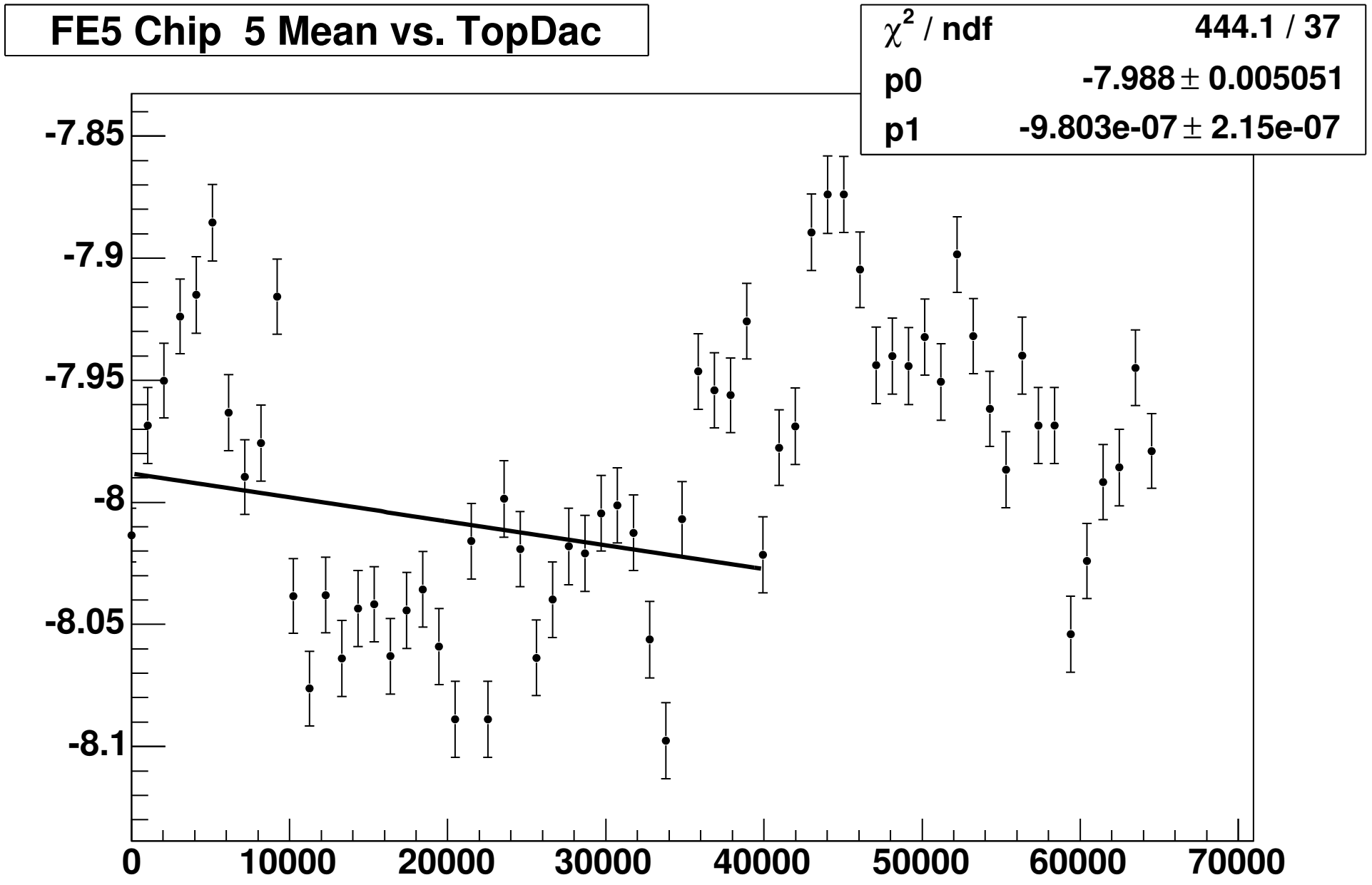
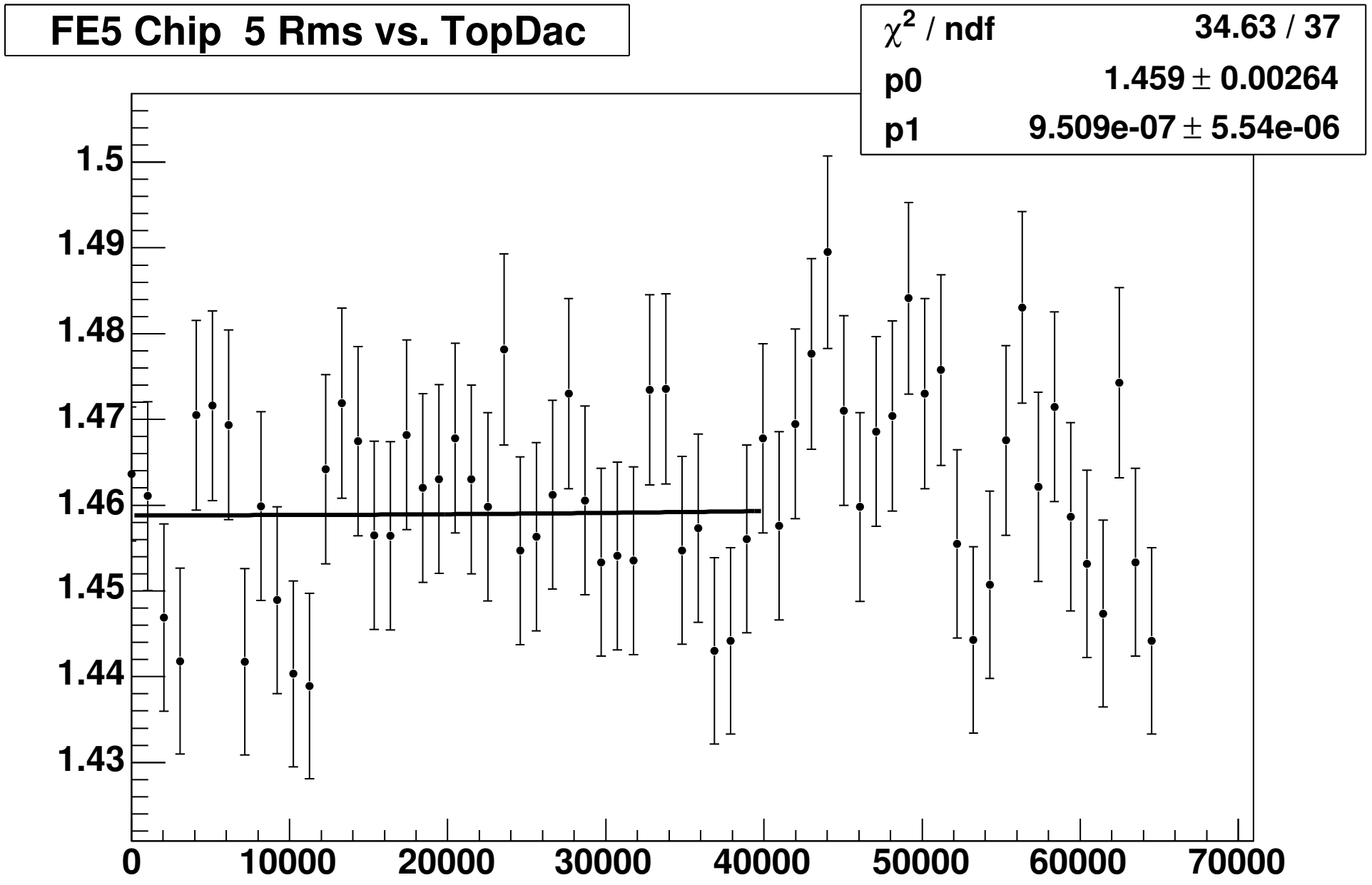
50000
60000
70000


FE5 Chip 5 Mean vs. TopDac
χ² / ndf 444.1 / 37
p0 -7.988 ± 0.005051
p1 -9.803e-07 ± 2.15e-07
-7.85
-7.9
-7.95
-8
-8.05
-8.1
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 5 Rms vs. TopDac
χ² / ndf 34.63 / 37
p0 1.459 ± 0.00264
p1 9.509e-07 ± 5.54e-06
1.5
1.49
1.48
1.47
1.46
1.45
1.44
1.43
0
10000
20000
30000
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50000
60000
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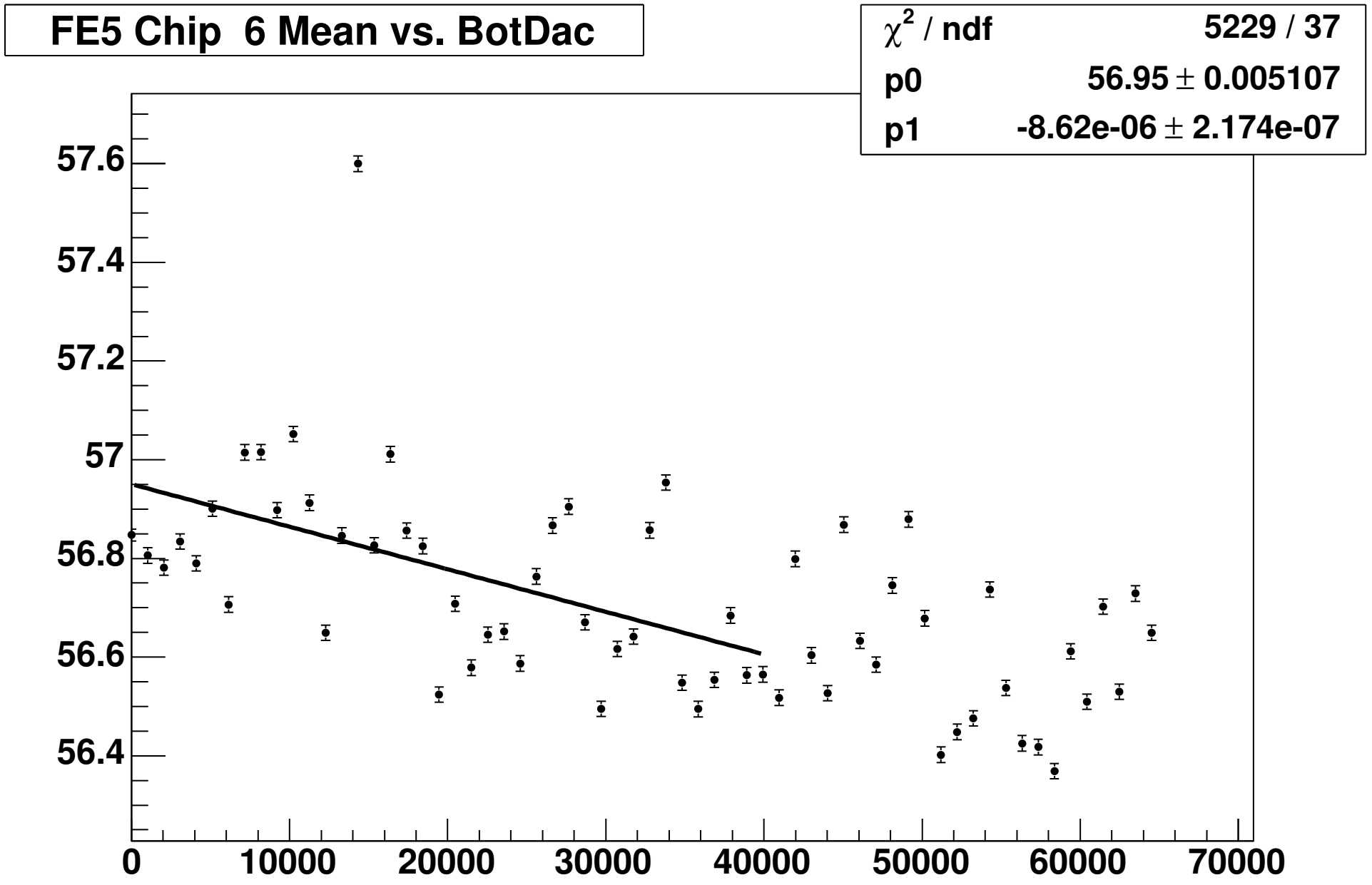
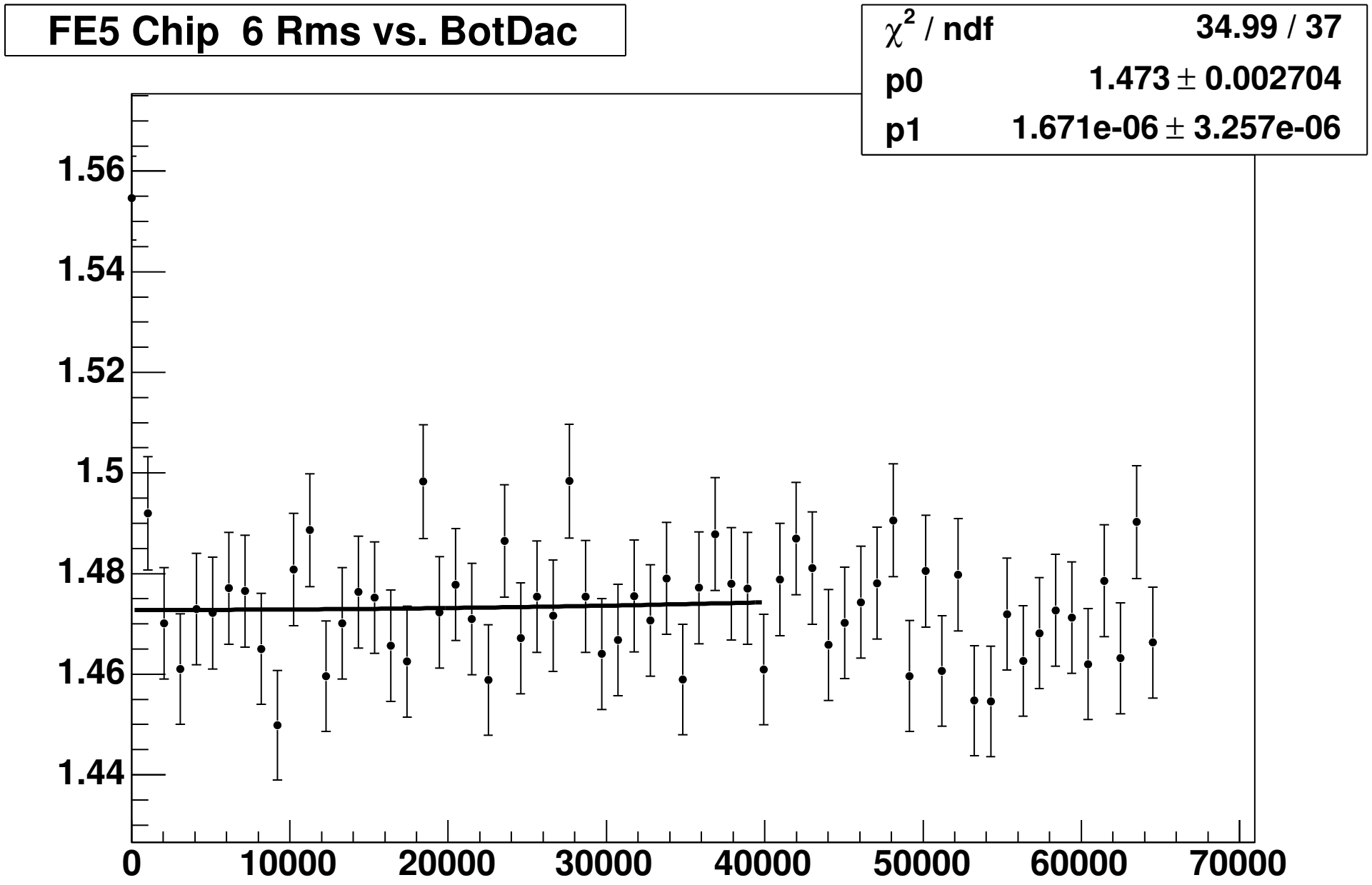
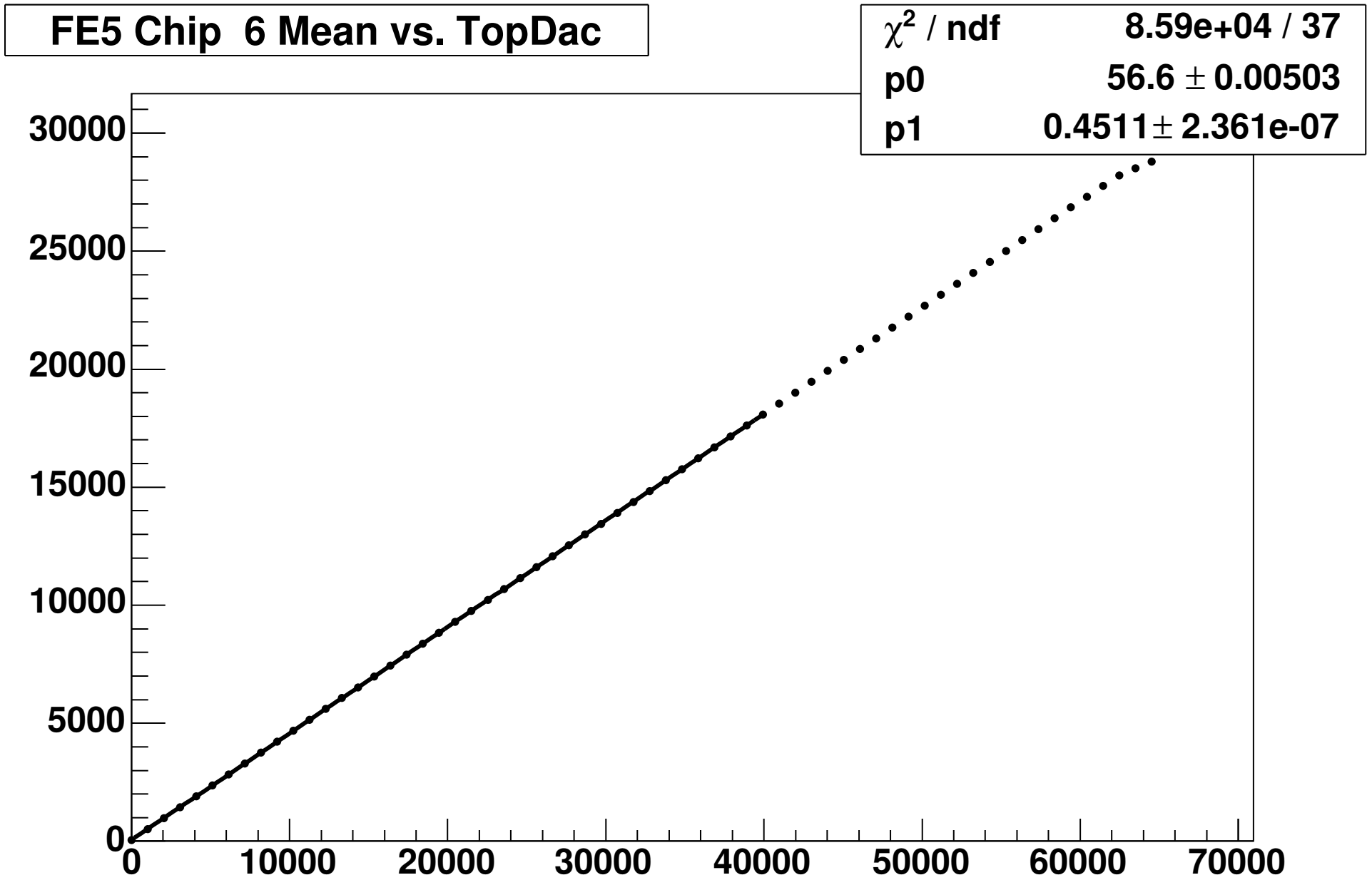
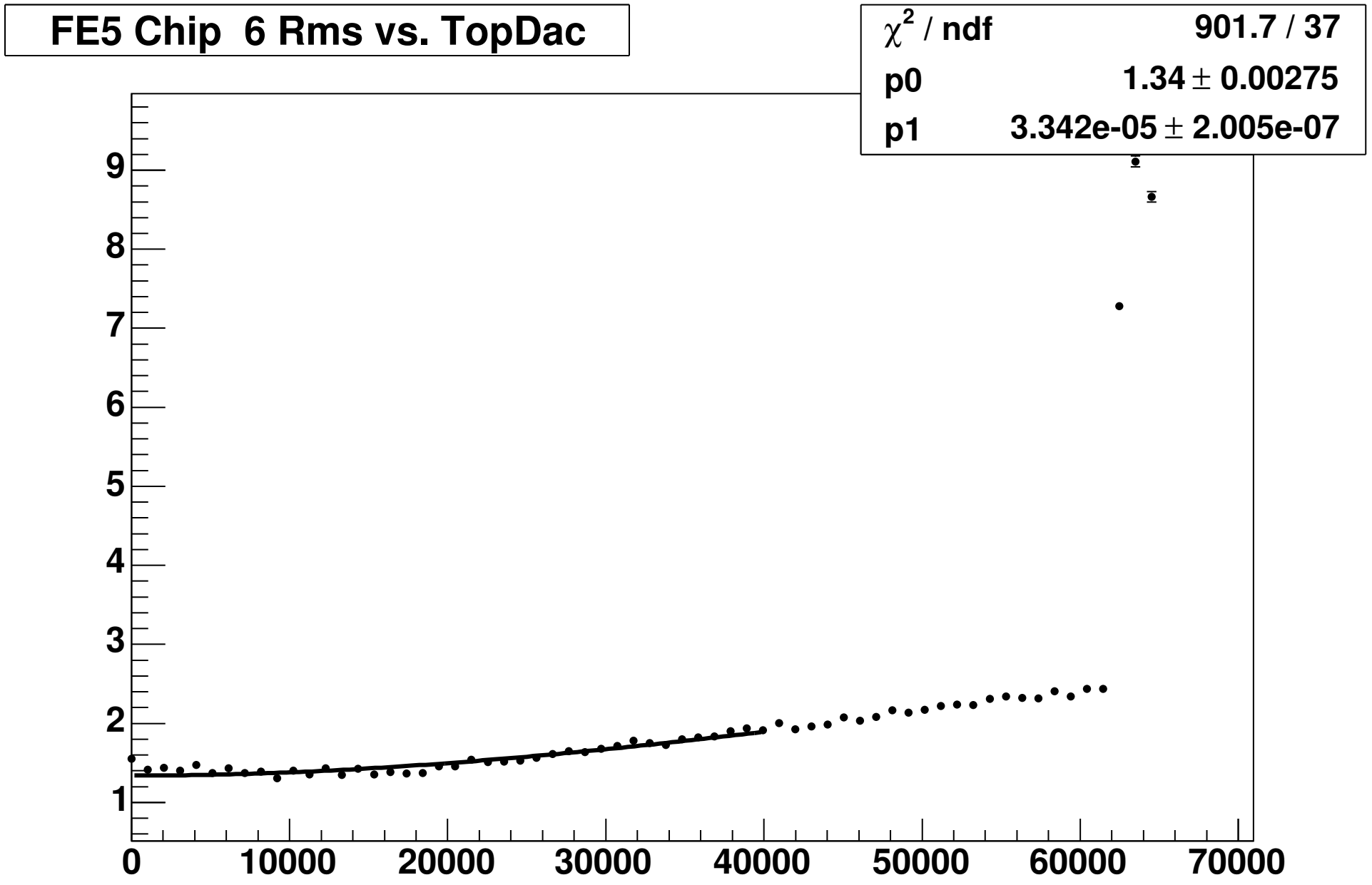
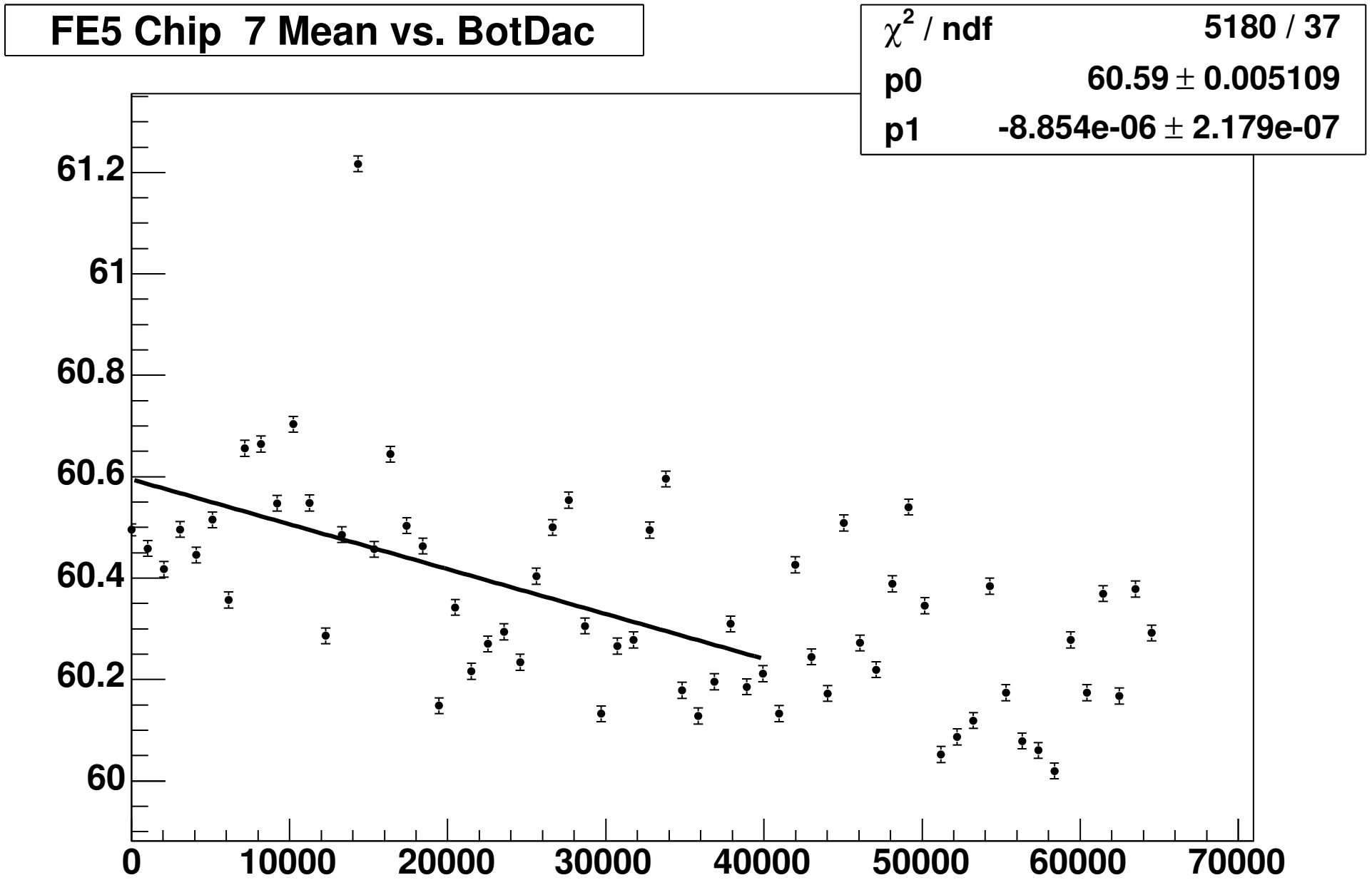

FE5 Chip 6 Mean vs. BotDac
χ² / ndf 5229 / 37
p0 56.95 ± 0.005107
p1 -8.62e-06 ± 2.174e-07
57.6
57.4
57.2
57
56.8
56.6
56.4
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 6 Rms vs. BotDac
χ² / ndf 34.99 / 37
p0 1.473 ± 0.002704
p1 1.671e-06 ± 3.257e-06
1.56
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 6 Mean vs. TopDac
χ² / ndf 8.59e+04 / 37
p0 56.6 ± 0.00503
p1 0.4511 ± 2.361e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 6 Rms vs. TopDac
χ^2 / ndf 901.7 / 37
p0 1.34 ± 0.00275
p1 3.342e-05 ± 2.005e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 7 Mean vs. BotDac
χ² / ndf 5180 / 37
p0 60.59 ± 0.005109
p1 -8.854e-06 ± 2.179e-07
61.2
61
60.8
60.6
60.4
60.2
60
0
10000
20000
30000
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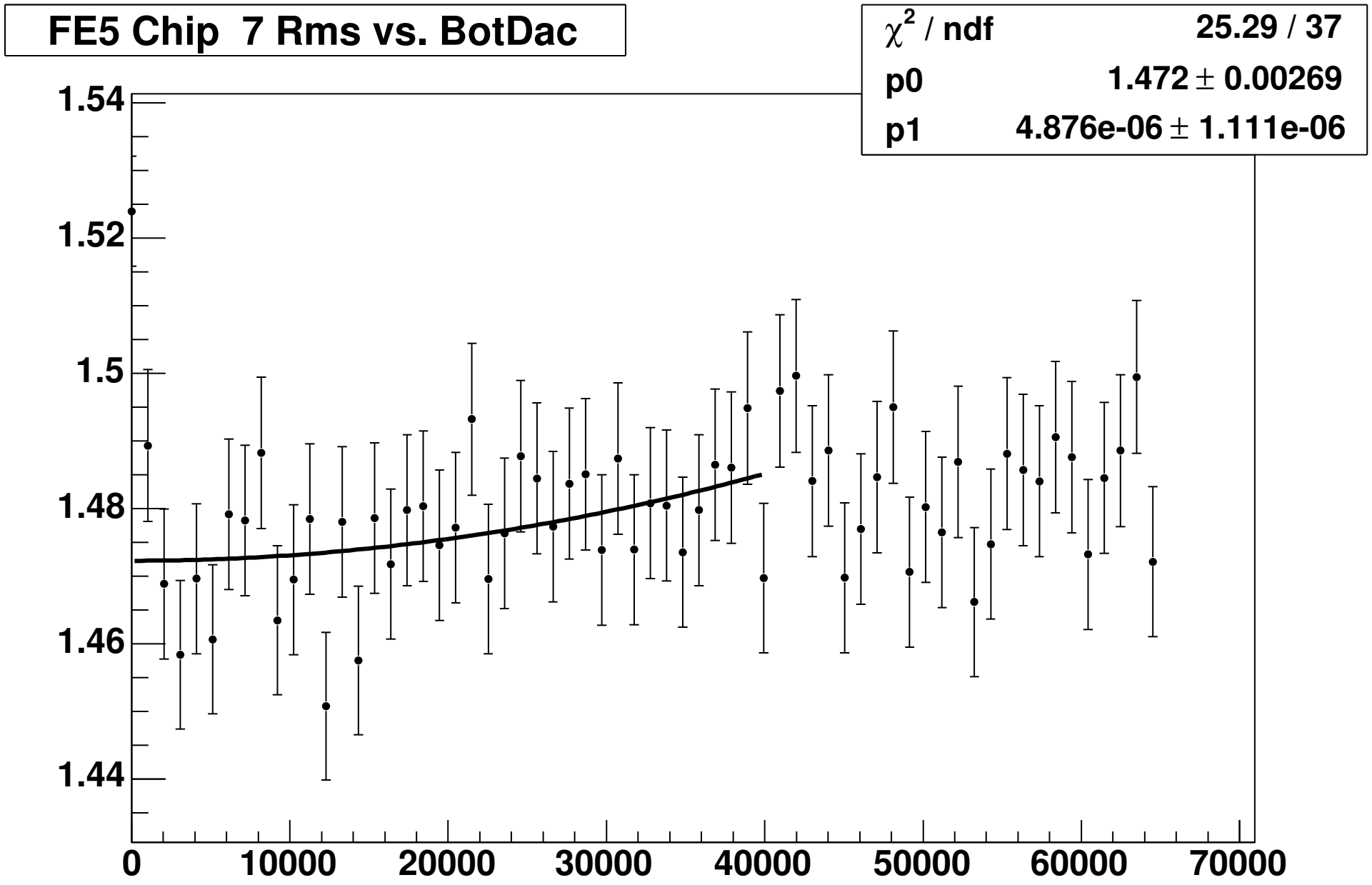
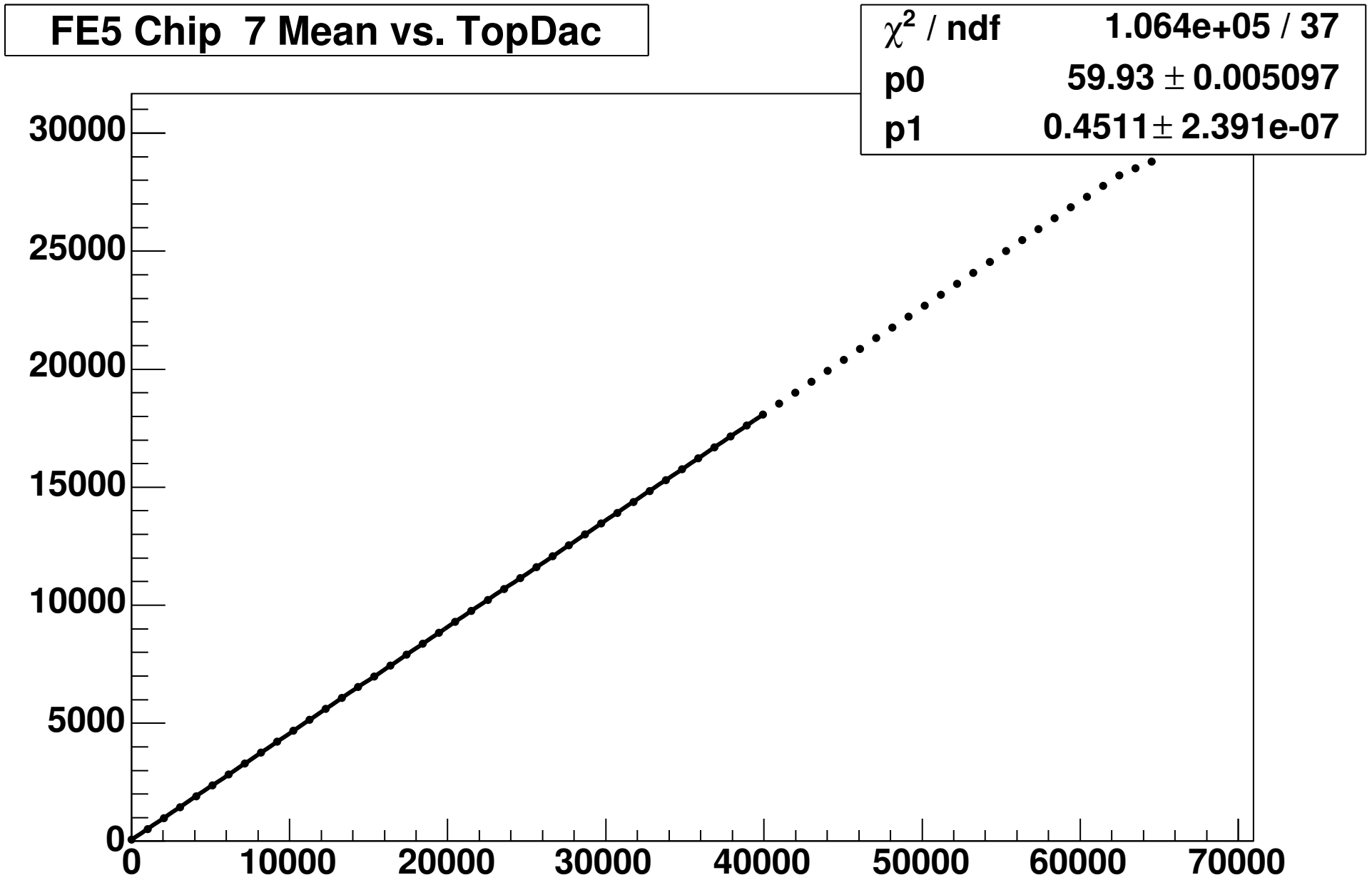
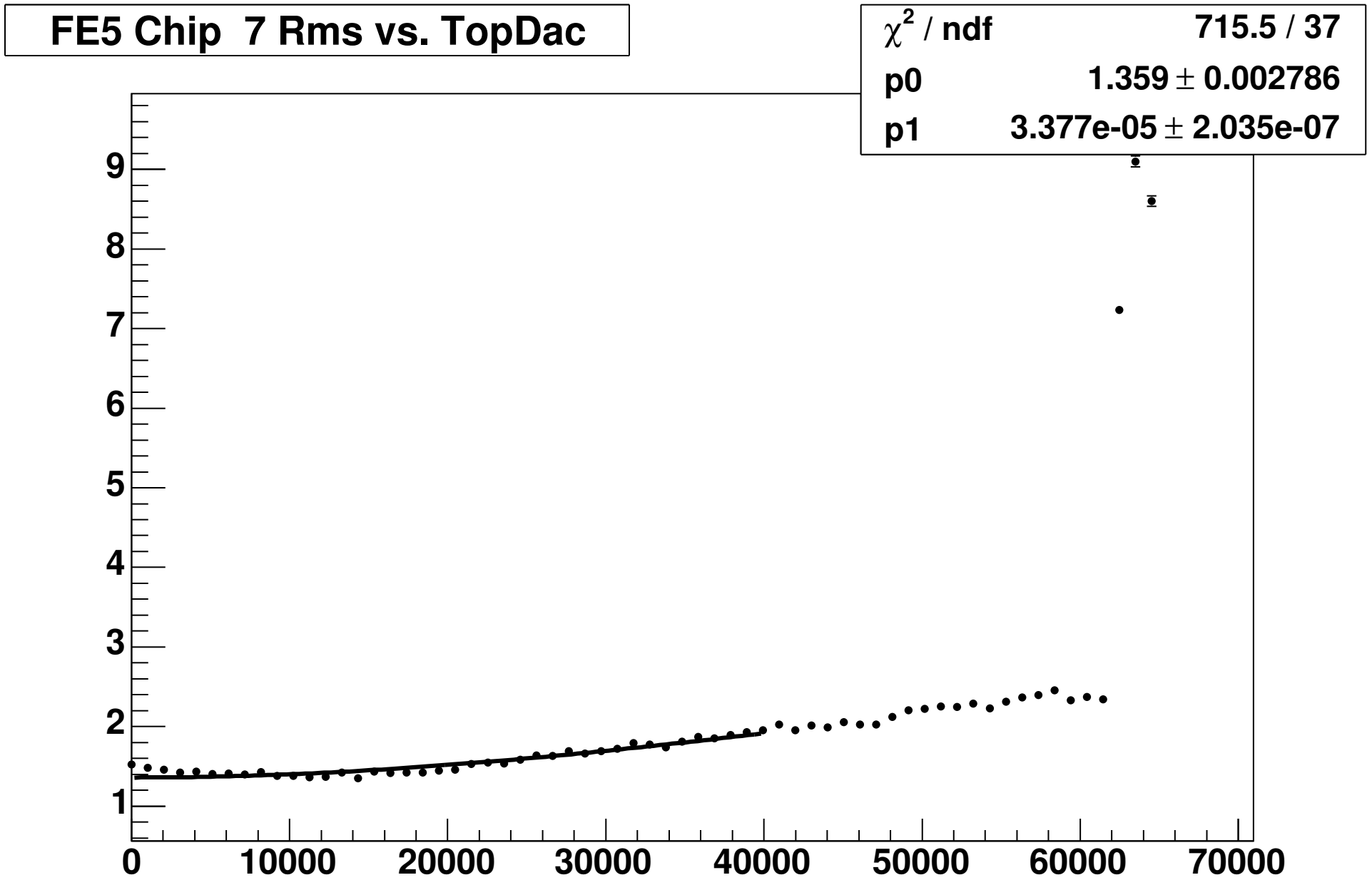
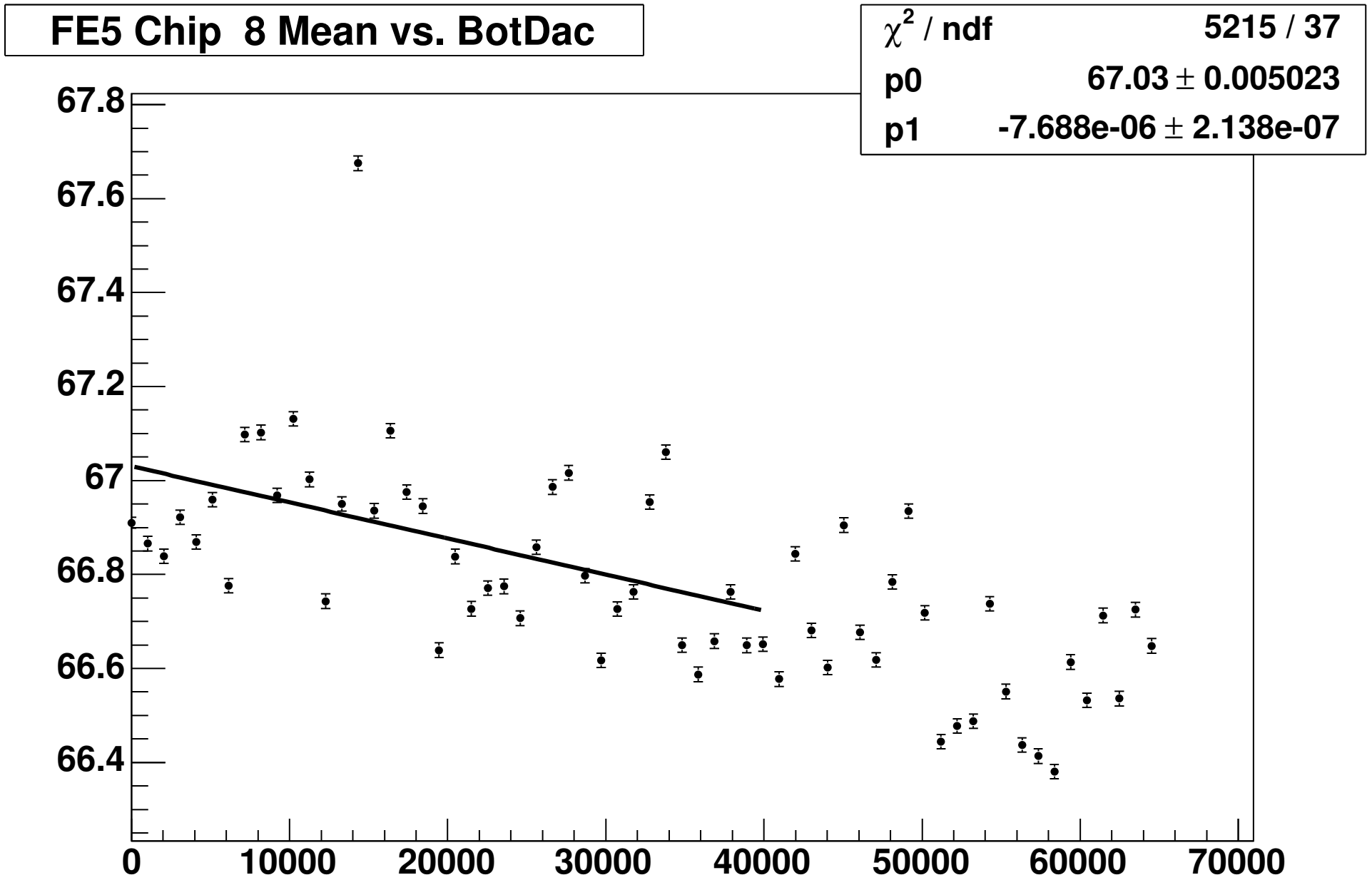
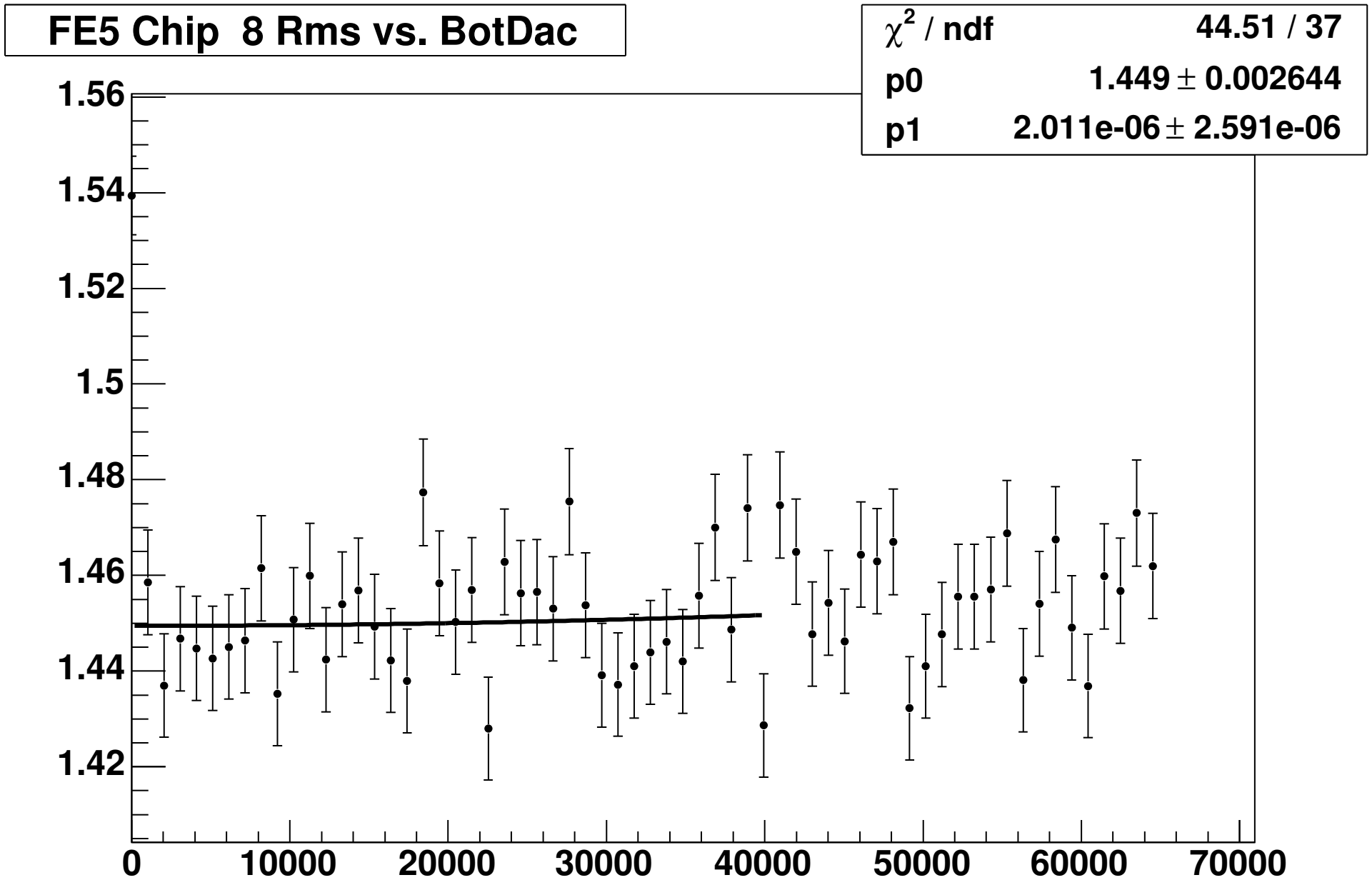
50000
60000
70000

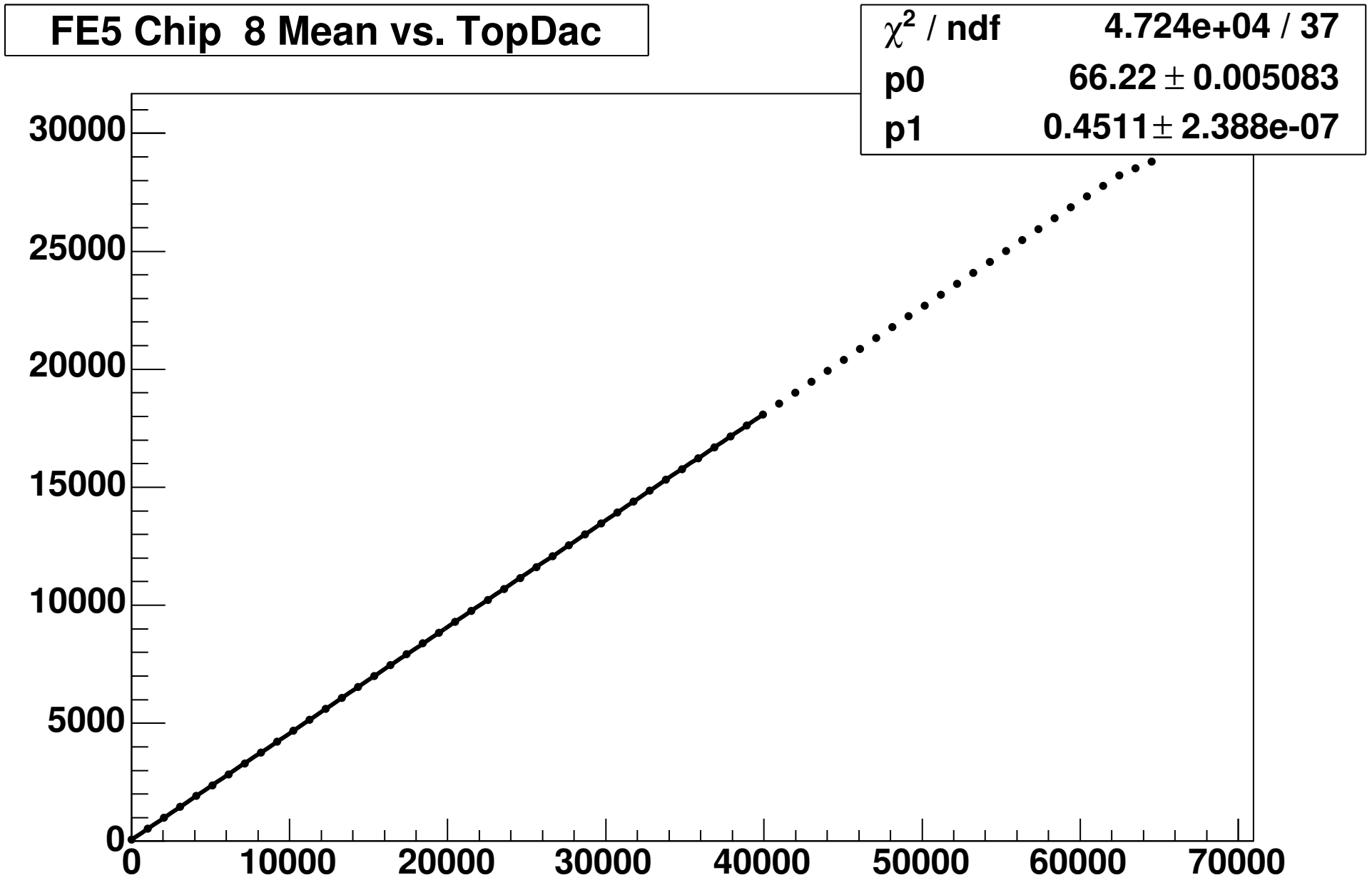

FE5 Chip 7 Rms vs. BotDac
χ² / ndf 25.29 / 37
p0 1.472 ± 0.00269
p1 4.876e-06 ± 1.111e-06
1.54
1.52
1.5
1.48
1.46
1.44
0
10000
20000
30000
40000
50000
60000
70000

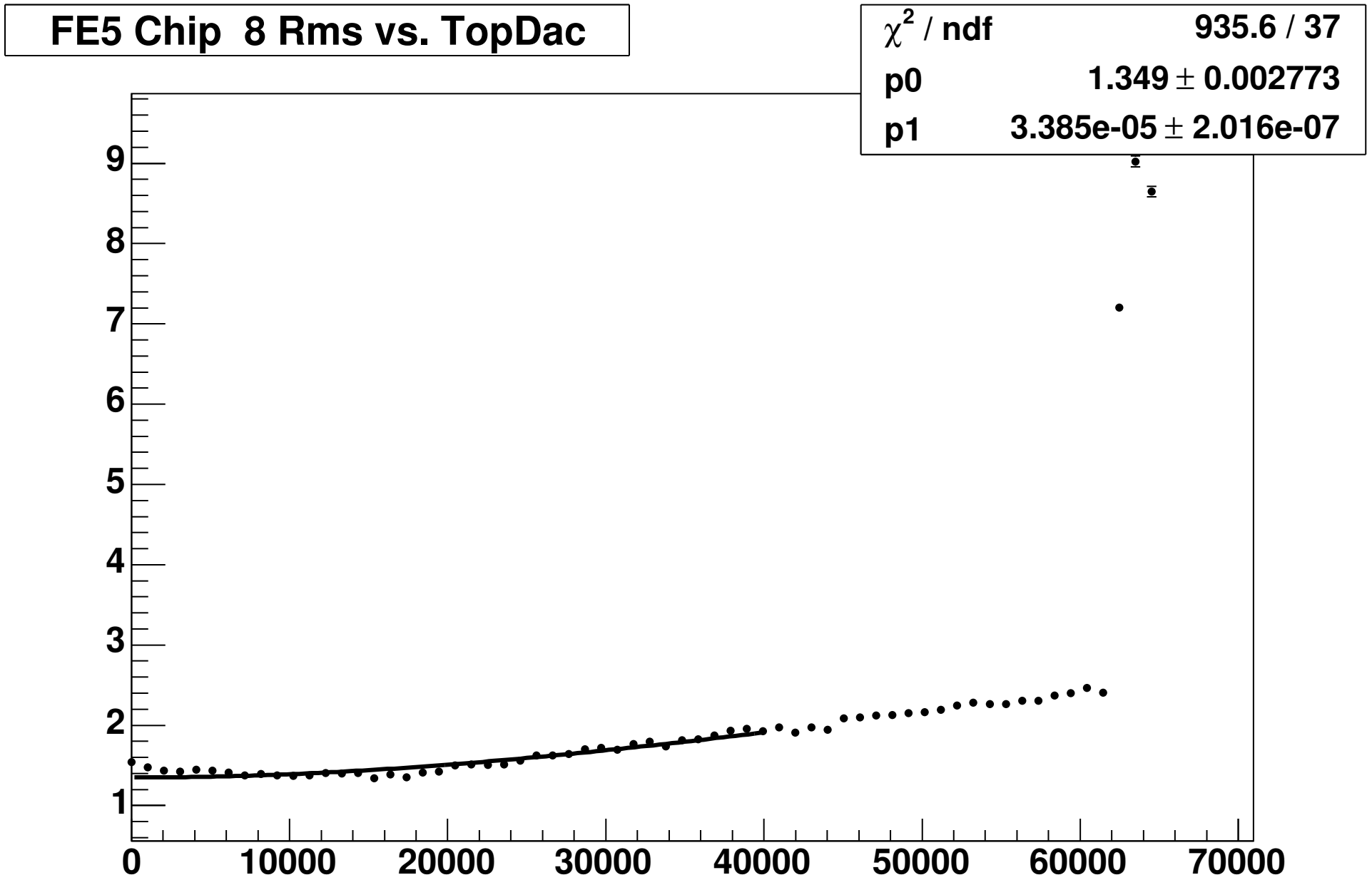

FE5 Chip 7 Mean vs. TopDac
χ² / ndf 1.064e+05 / 37
p0 59.93 ± 0.005097
p1 0.4511 ± 2.391e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000

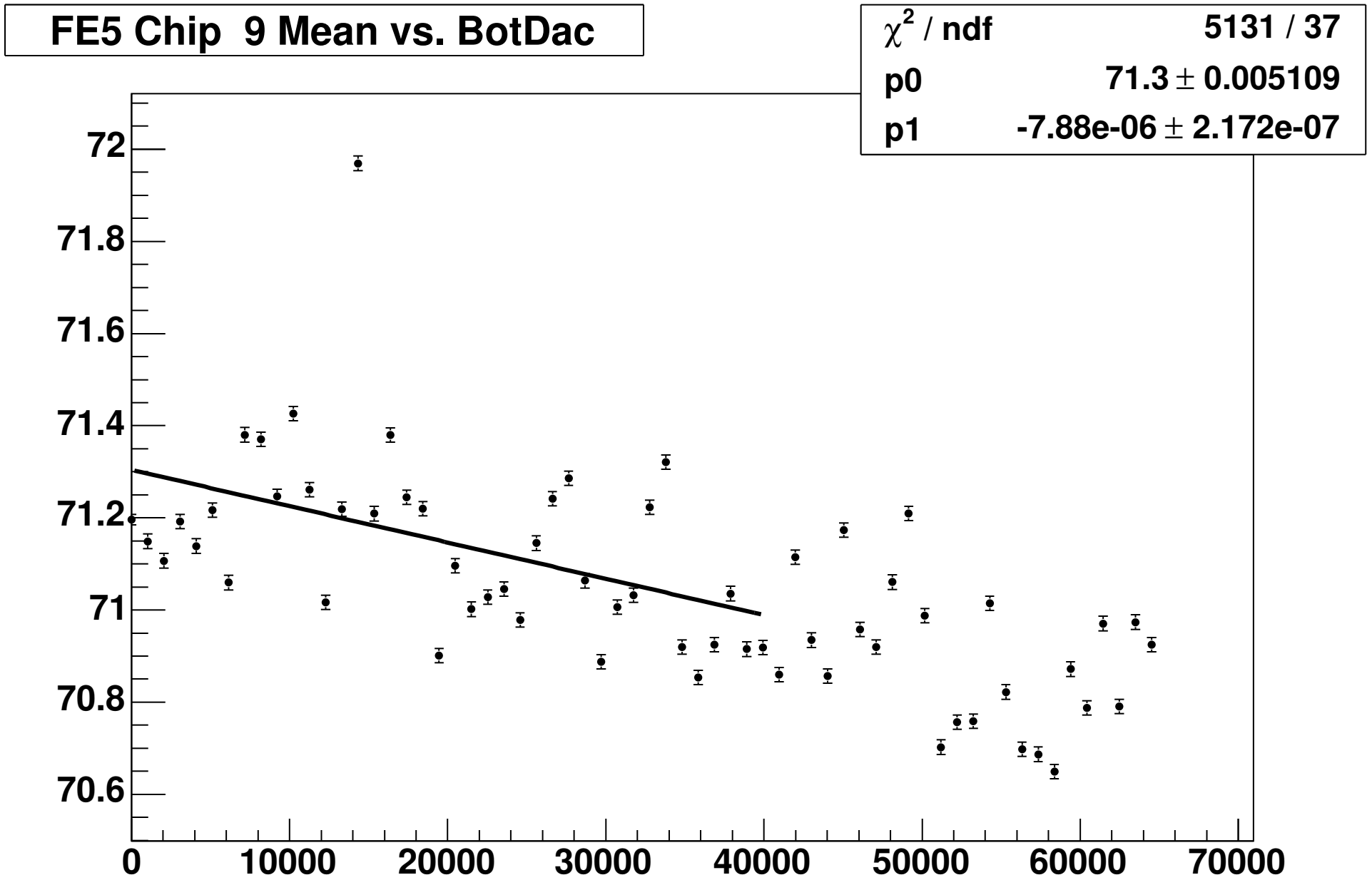

FE5 Chip 7 Rms vs. TopDac
χ² / ndf 715.5 / 37
p0 1.359 ± 0.002786
p1 3.377e-05 ± 2.035e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

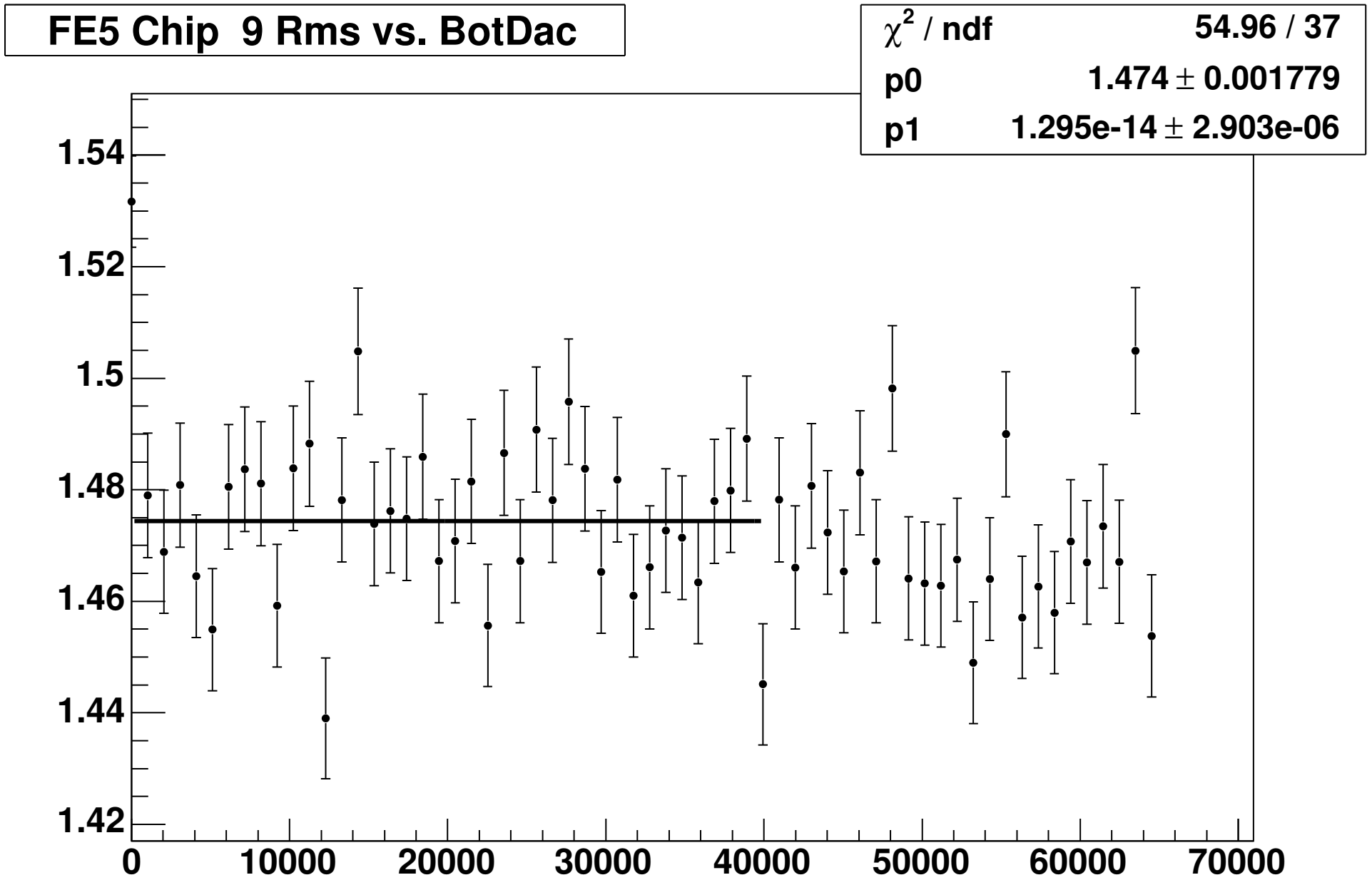

FE5 Chip 8 Mean vs. BotDac
χ^2 / ndf 5215 / 37
p0 67.03 ± 0.005023
p1 -7.688e-06 ± 2.138e-07
67.8
67.6
67.4
67.2
67
66.8
66.6
66.4
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 8 Rms vs. BotDac
χ² / ndf 44.51 / 37
p0 1.449 ± 0.002644
p1 2.011e-06 ± 2.591e-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


FE5 Chip 8 Mean vs. TopDac
χ² / ndf 4.724e+04 / 37
p0 66.22 ± 0.005083
p1 0.4511 ± 2.388e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 8 Rms vs. TopDac
χ² / ndf 935.6 / 37
p0 1.349 ± 0.002773
p1 3.385e-05 ± 2.016e-07
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 5131 / 37
p0 71.3 ± 0.005109
p1 -7.88e-06 ± 2.172e-07
72
71.8
71.6
71.4
71.2
71
70.8
70.6
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 9 Rms vs. BotDac
χ² / ndf 54.96 / 37
p0 1.474 ± 0.001779
p1 1.295e-14 ± 2.903e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
0
10000
20000
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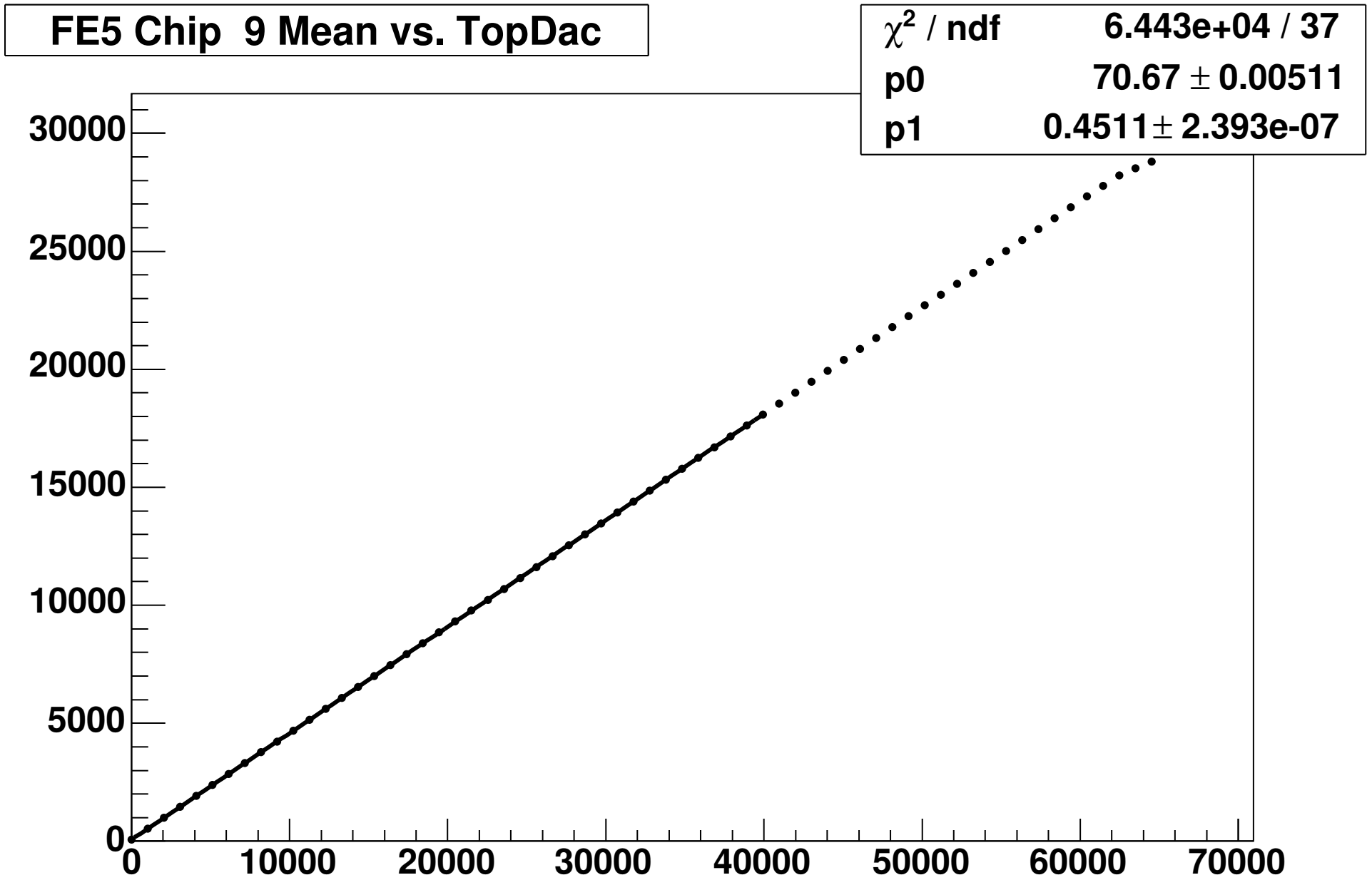
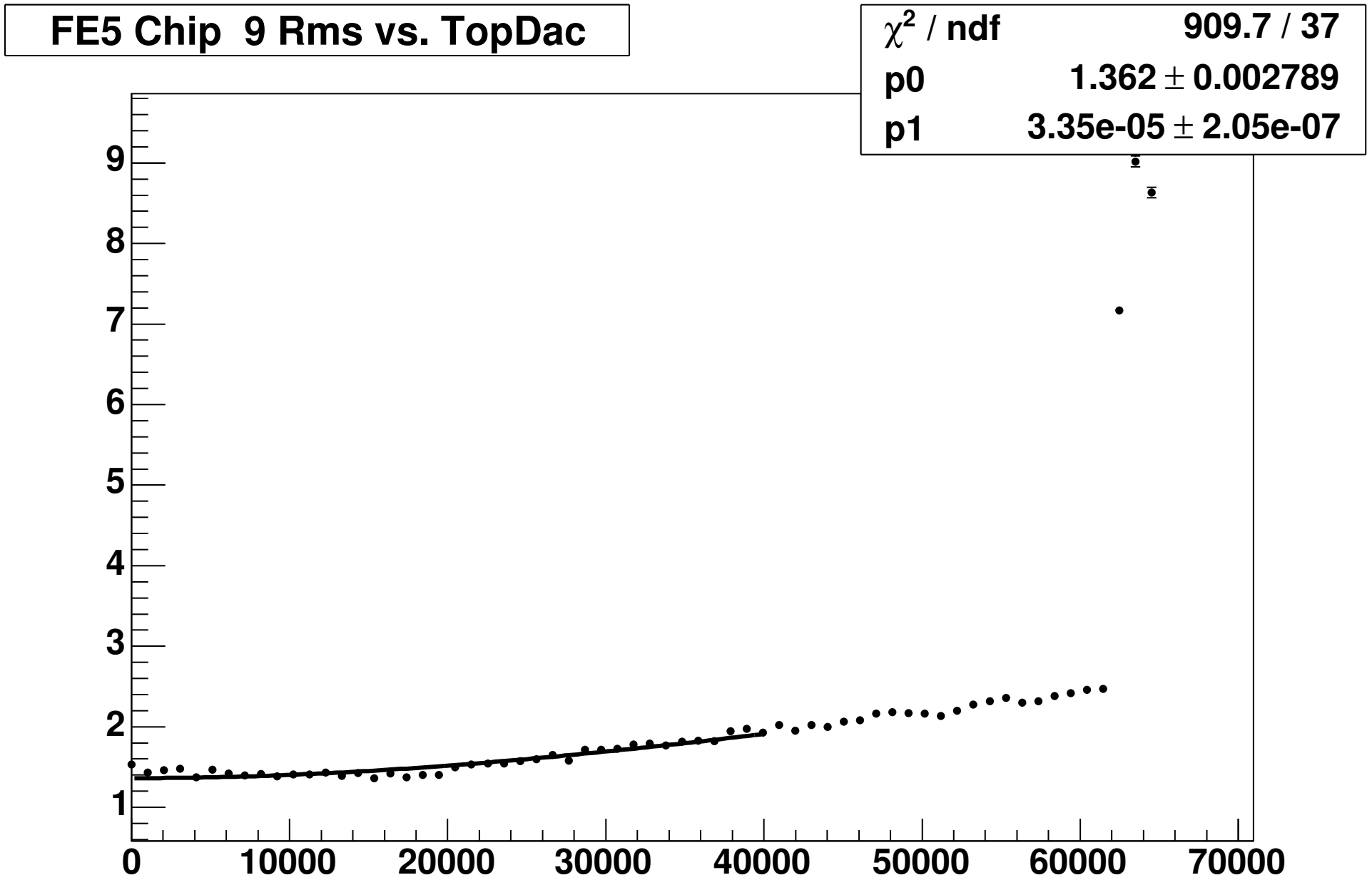
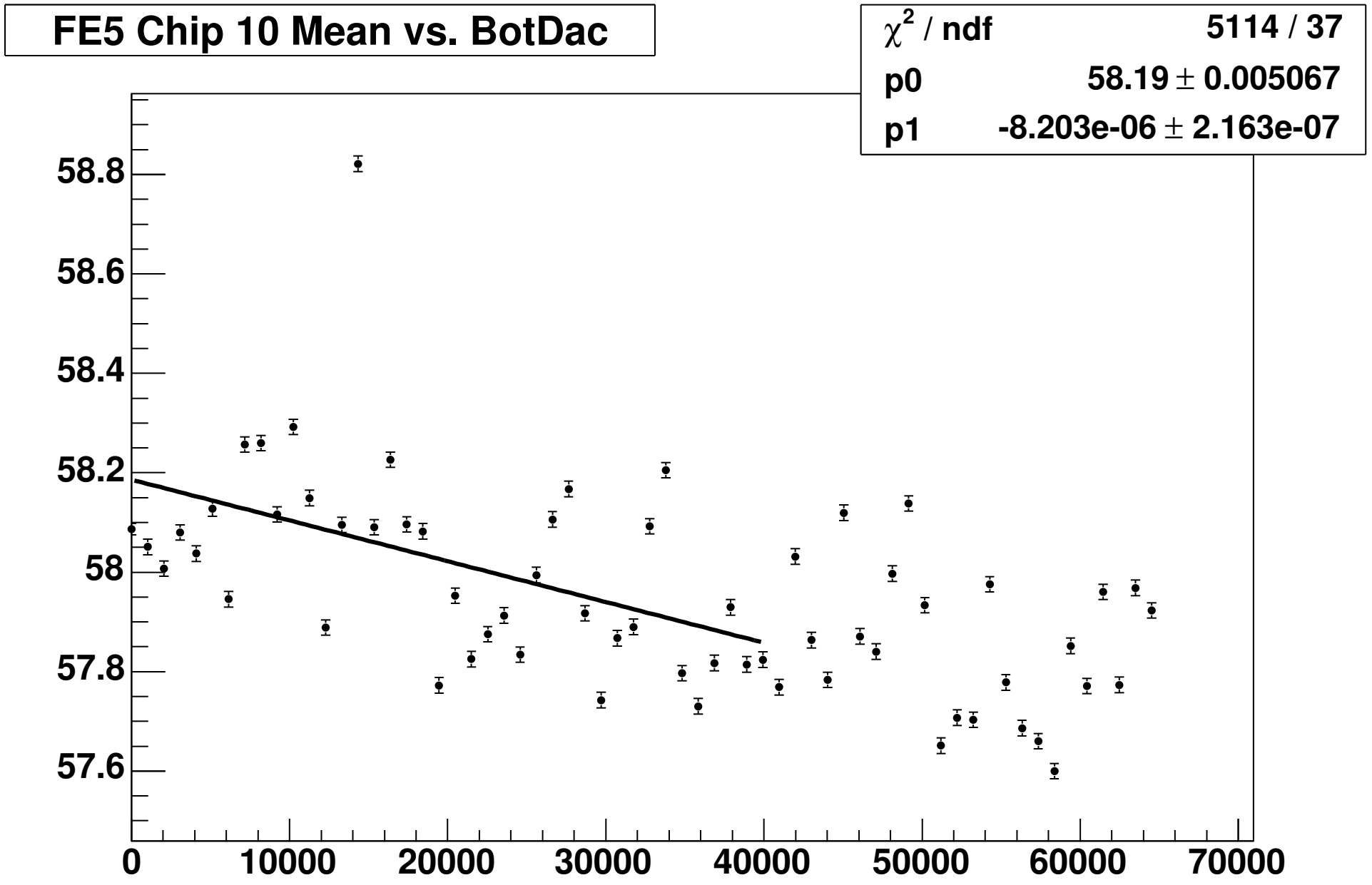

FE5 Chip 9 Mean vs. TopDac
χ² / ndf 6.443e+04 / 37
p0 70.67 ± 0.00511
p1 0.4511 ± 2.393e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE5 Chip 9 Rms vs. TopDac
χ^2 / ndf 909.7 / 37
p0 1.362 ± 0.002789
p1 3.35e-05 ± 2.05e-07
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 5114 / 37
p0 58.19 ± 0.005067
p1 -8.203e-06 ± 2.163e-07
58.8
58.6
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58.2
58
57.8
57.6
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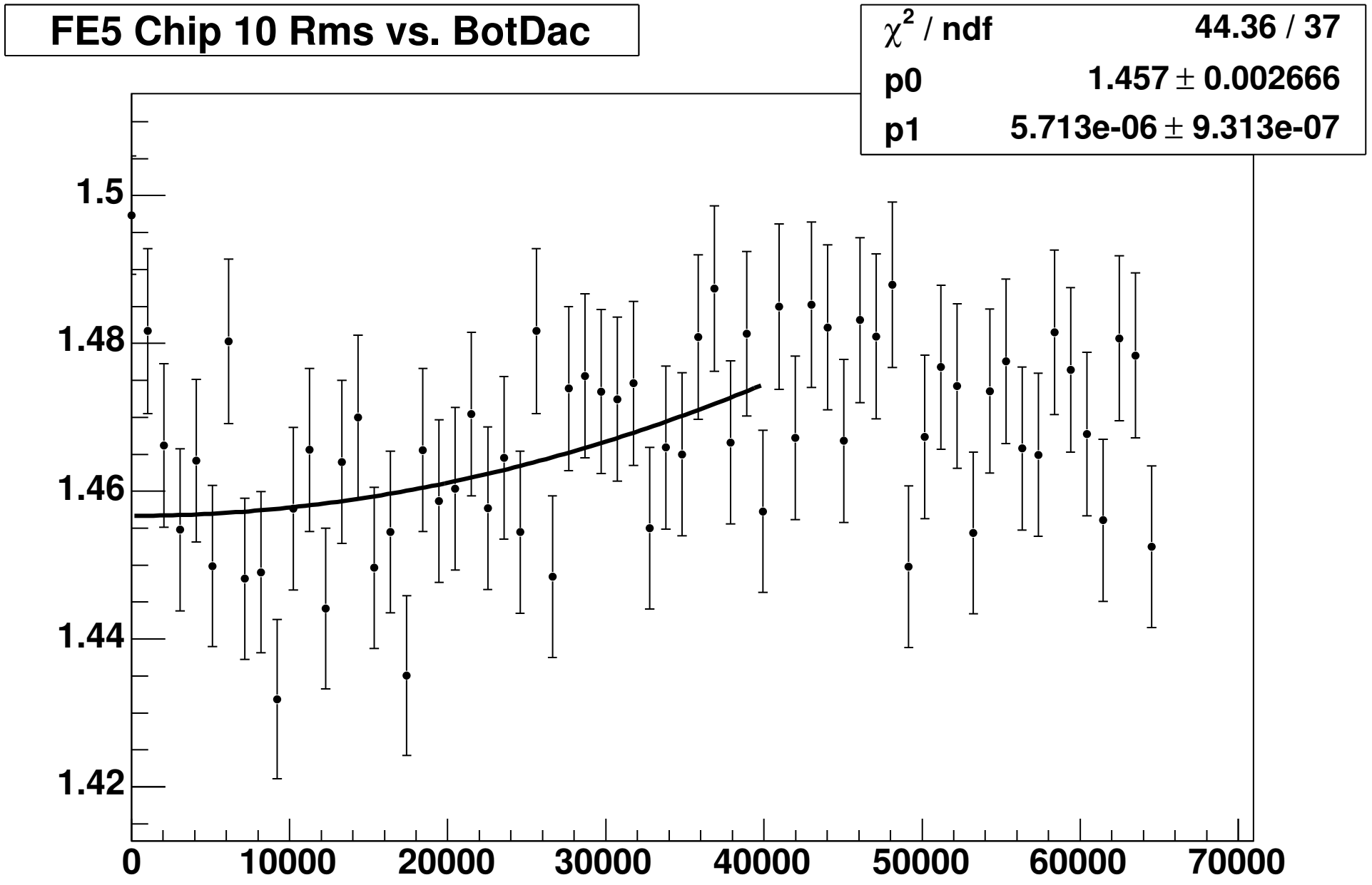
FE5 Chip 10 Rms vs. BotDac
χ² / ndf 44.36 / 37
p0 1.457 ± 0.002666
p1 5.713e-06 ± 9.313e-07
1.5
1.48
1.46
1.44
1.42
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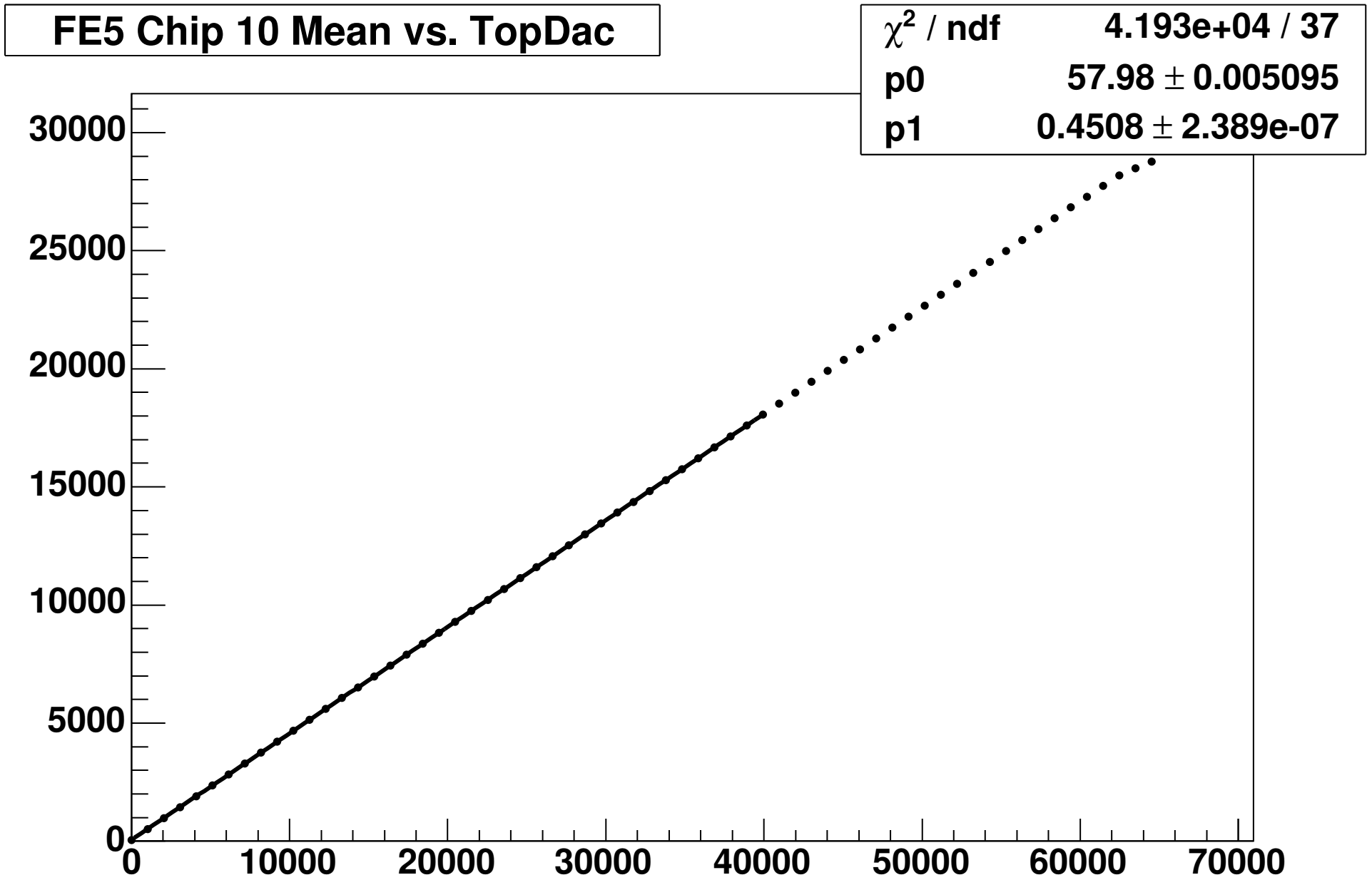
FE5 Chip 10 Mean vs. TopDac
χ² / ndf 4.193e+04 / 37
p0 57.98 ± 0.005095
p1 0.4508 ± 2.389e-07
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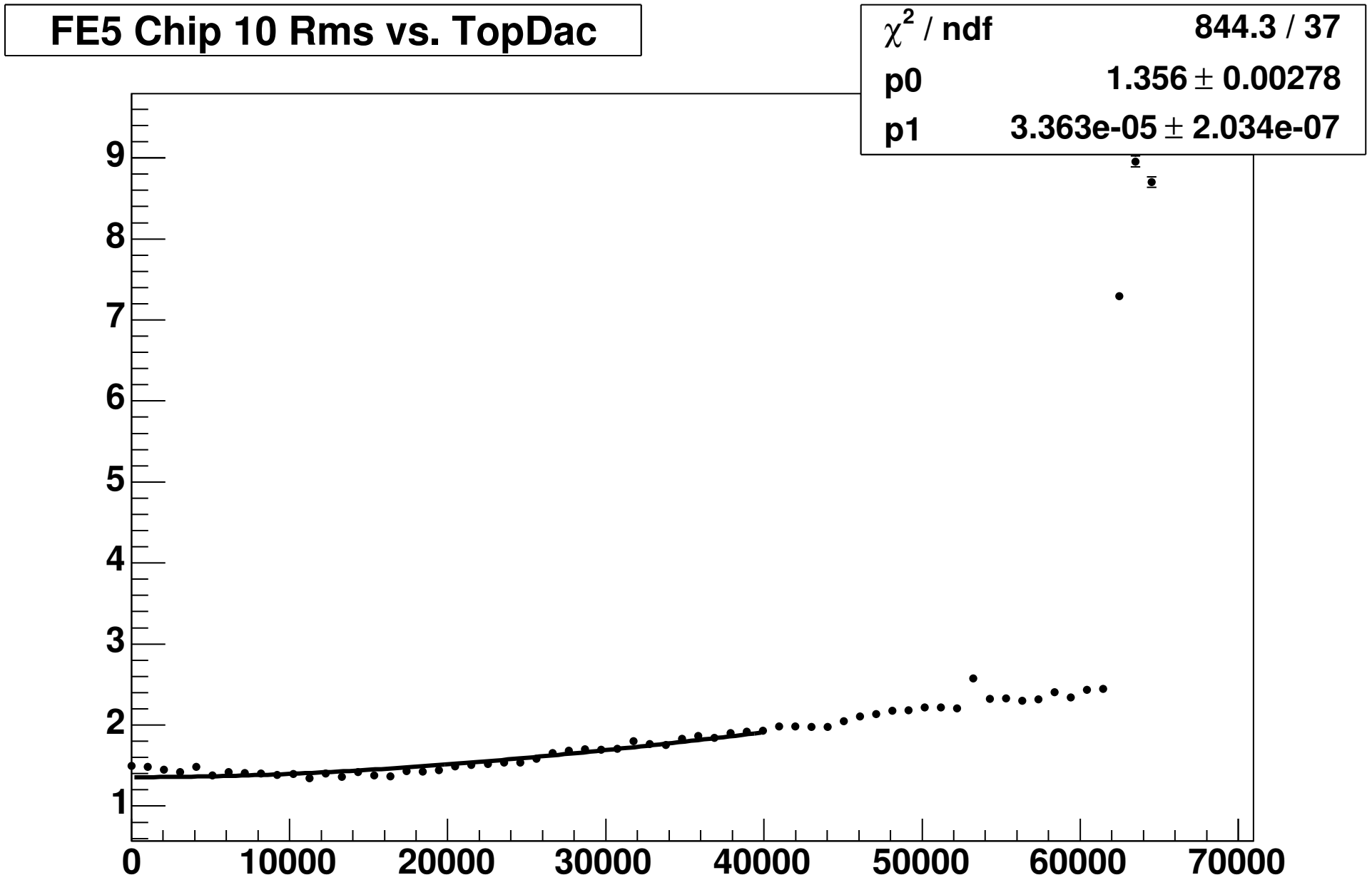
FE5 Chip 10 Rms vs. TopDac
χ² / ndf 844.3 / 37
p0 1.356 ± 0.00278
p1 3.363e-05 ± 2.034e-07
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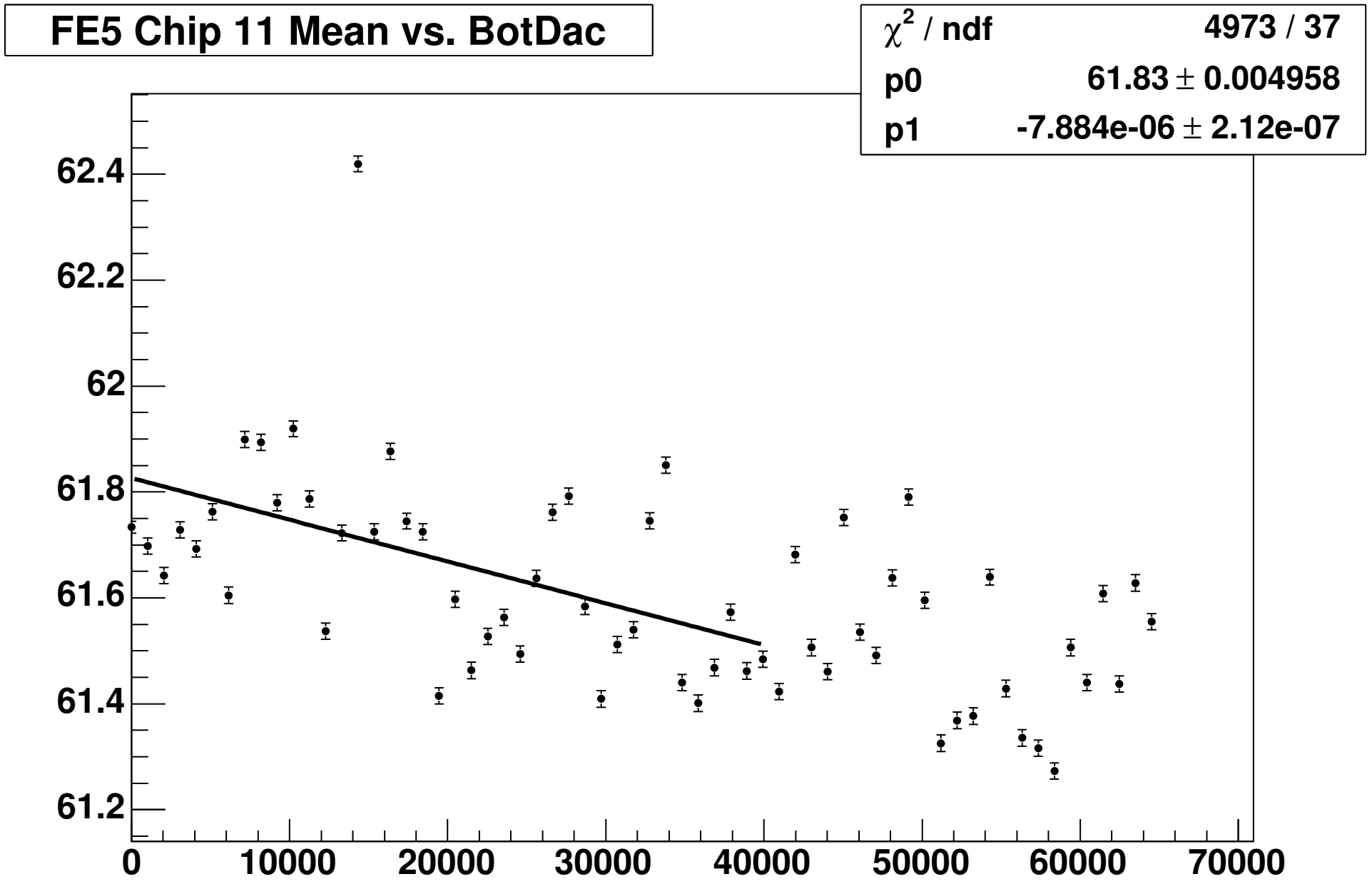
FE5 Chip 11 Mean vs. BotDac
χ² / ndf 4973 / 37
p0 61.83 ± 0.004958
p1 -7.884e-06 ± 2.12e-07
62.4
62.2
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61.8
61.6
61.4
61.2
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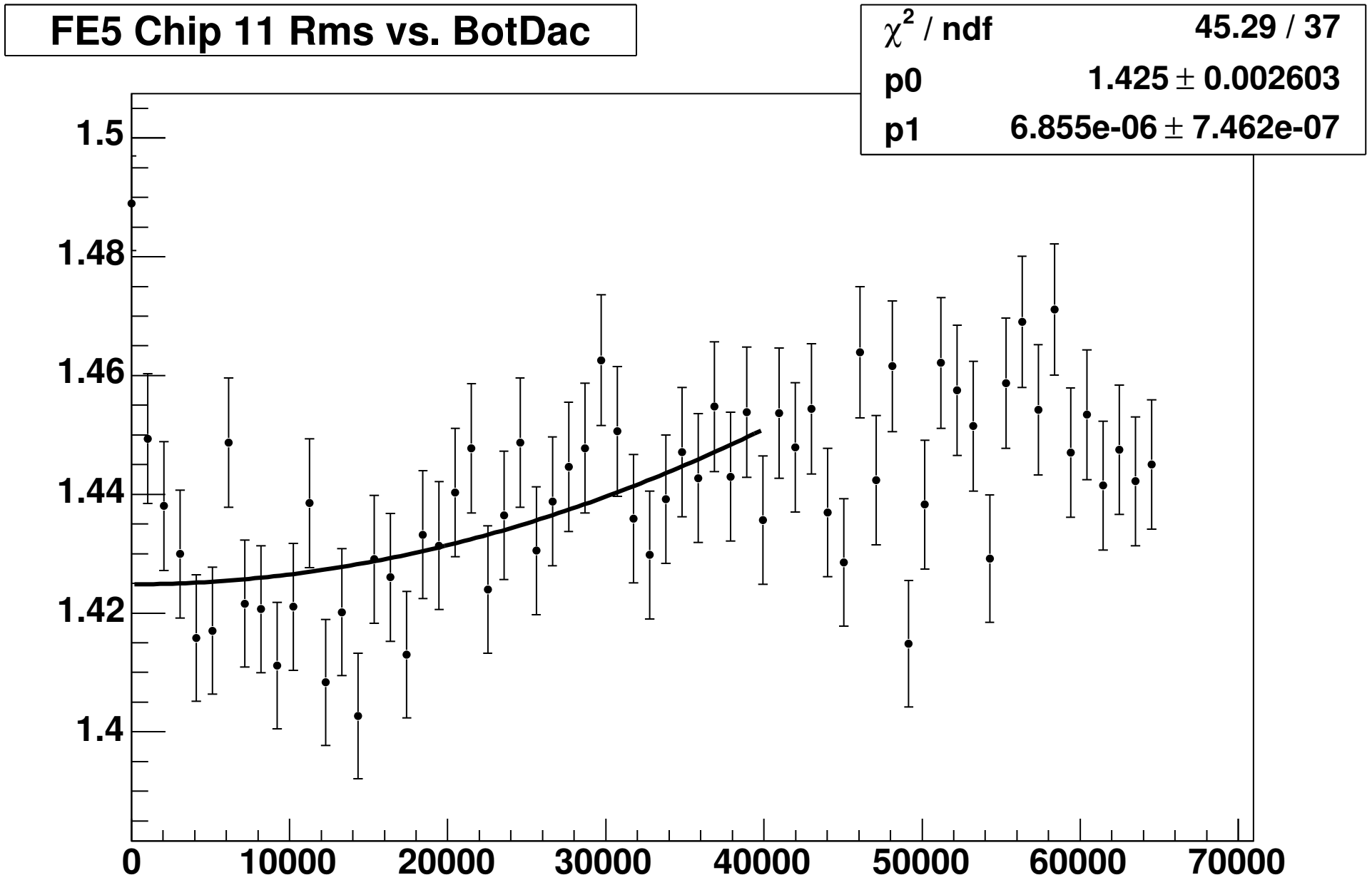
FE5 Chip 11 Rms vs. BotDac
χ² / ndf 45.29 / 37
p0 1.425 ± 0.002603
p1 6.855e-06 ± 7.462e-07
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1.46
1.44
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1.4
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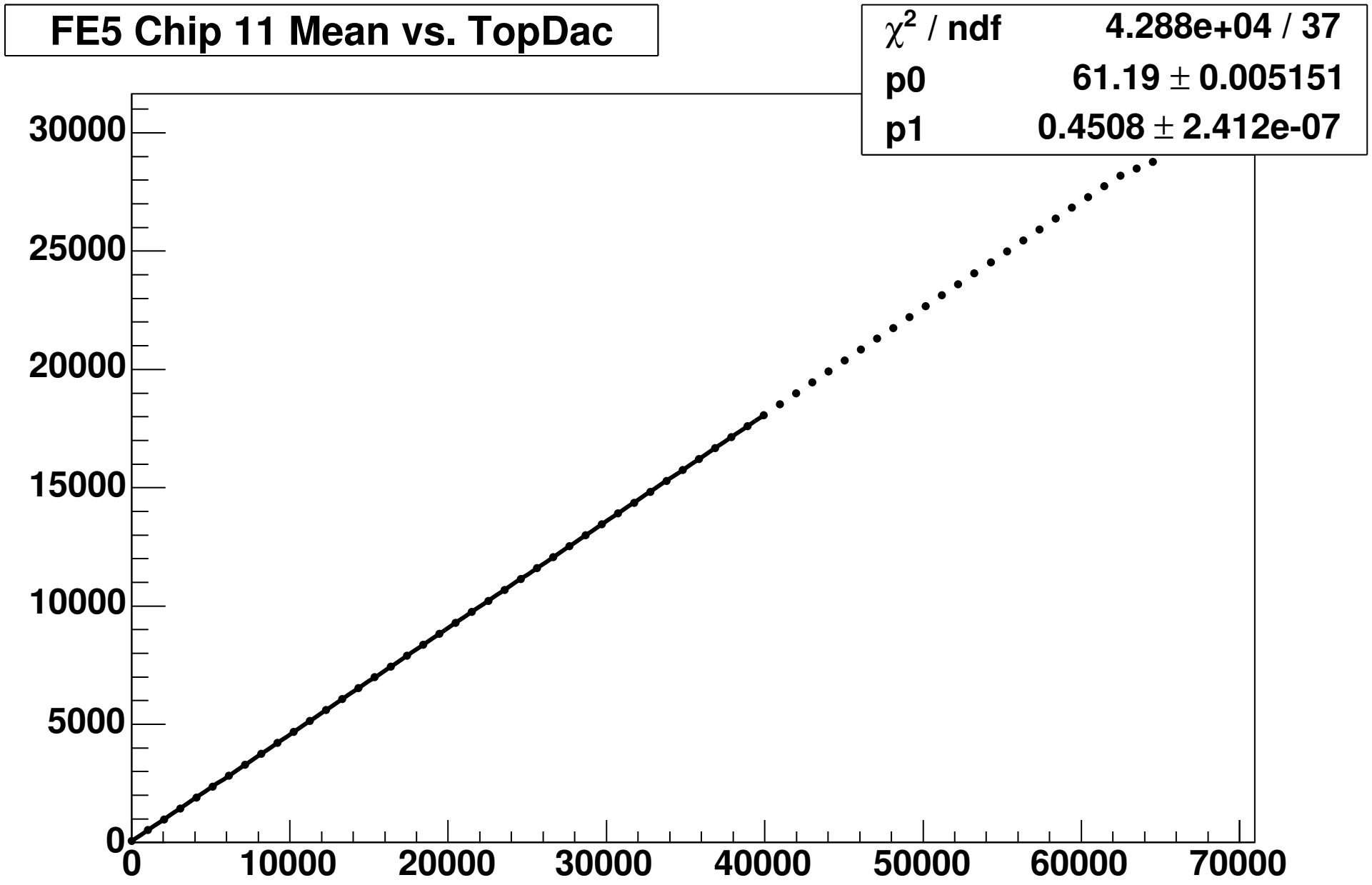
FE5 Chip 11 Mean vs. TopDac
χ² / ndf 4.288e+04 / 37
p0 61.19 ± 0.005151
p1 0.4508 ± 2.412e-07
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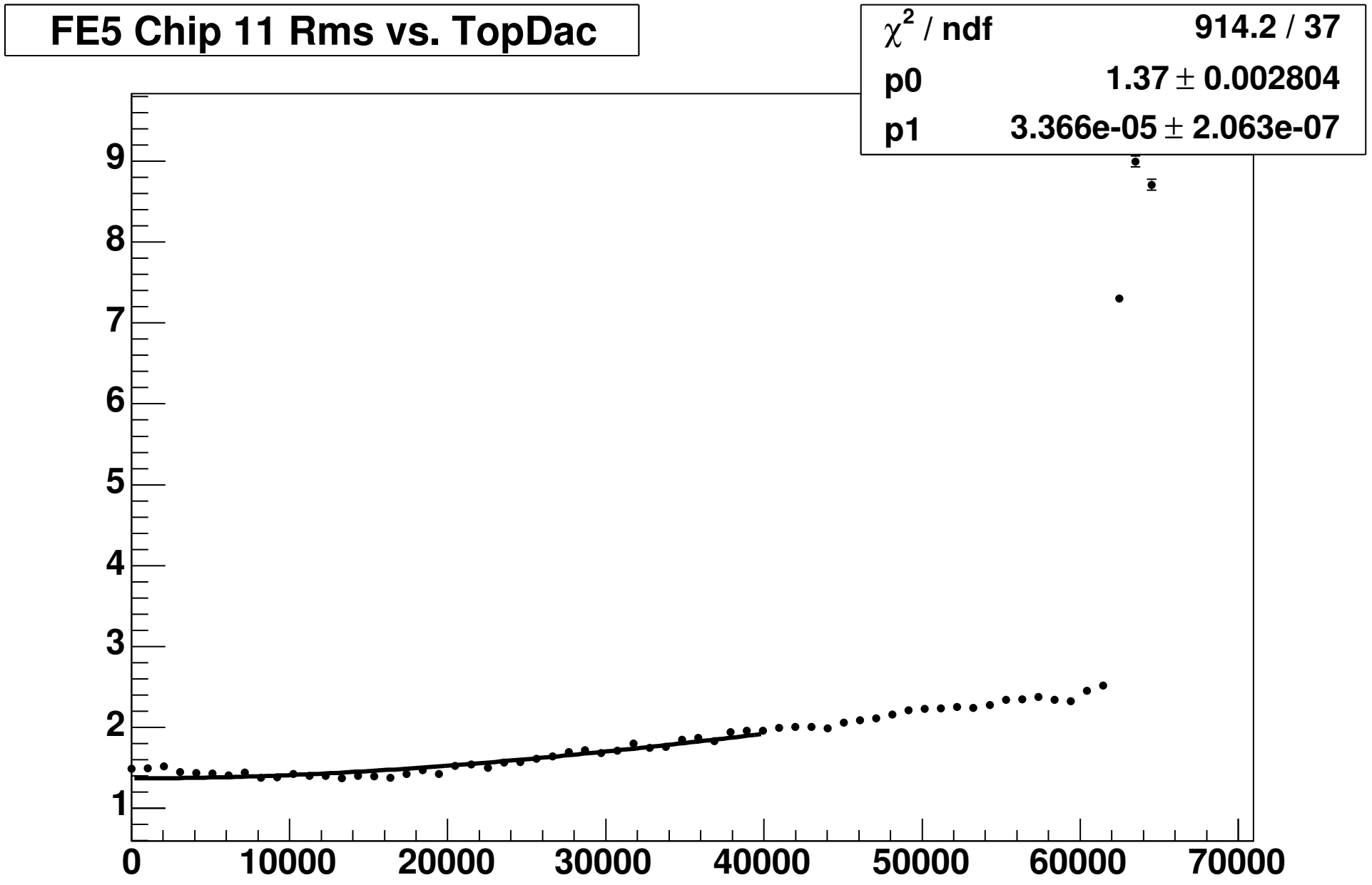
FE5 Chip 11 Rms vs. TopDac
χ² / ndf 914.2 / 37
p0 1.37 ± 0.002804
p1 3.366e-05 ± 2.063e-07
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8
7
6
5
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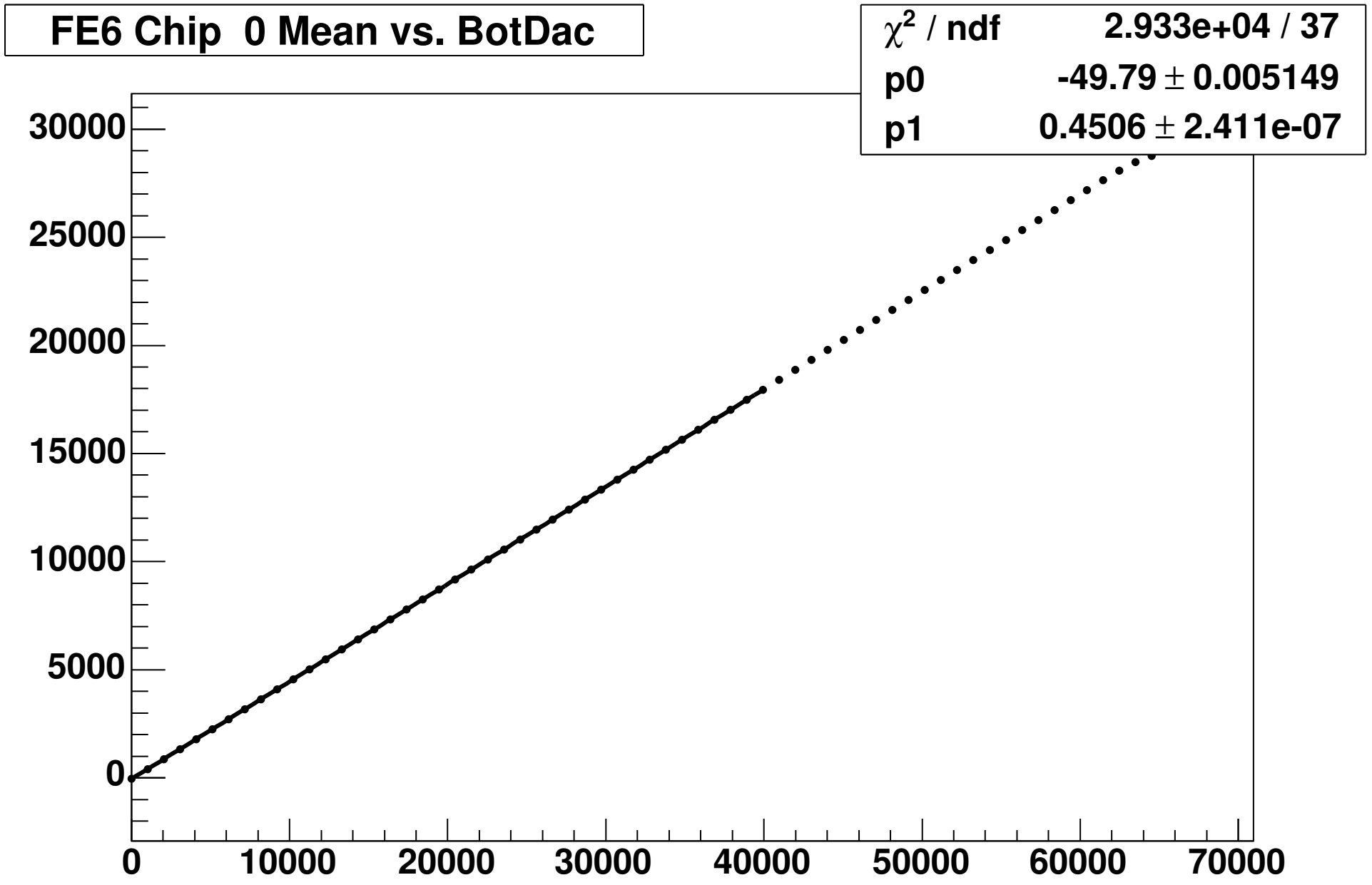
FE6 Chip 0 Mean vs. BotDac
χ² / ndf 2.933e+04 / 37
p0 -49.79 ± 0.005149
p1 0.4506 ± 2.411e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
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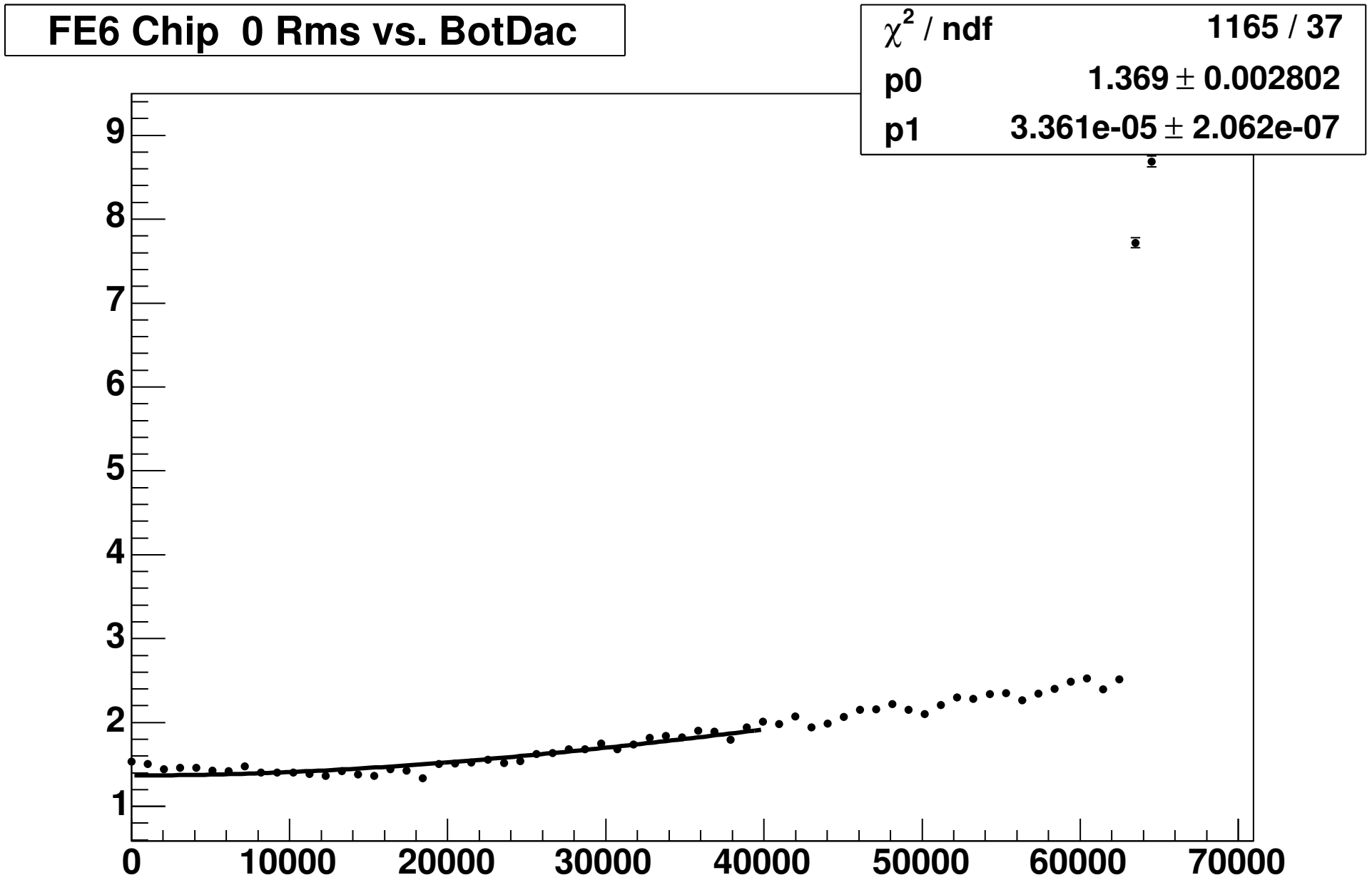
FE6 Chip 0 Rms vs. BotDac
χ² / ndf 1165 / 37
p0 1.369 ± 0.002802
p1 3.361e-05 ± 2.062e-07
9
8
7
6
5
4
3
2
1
0
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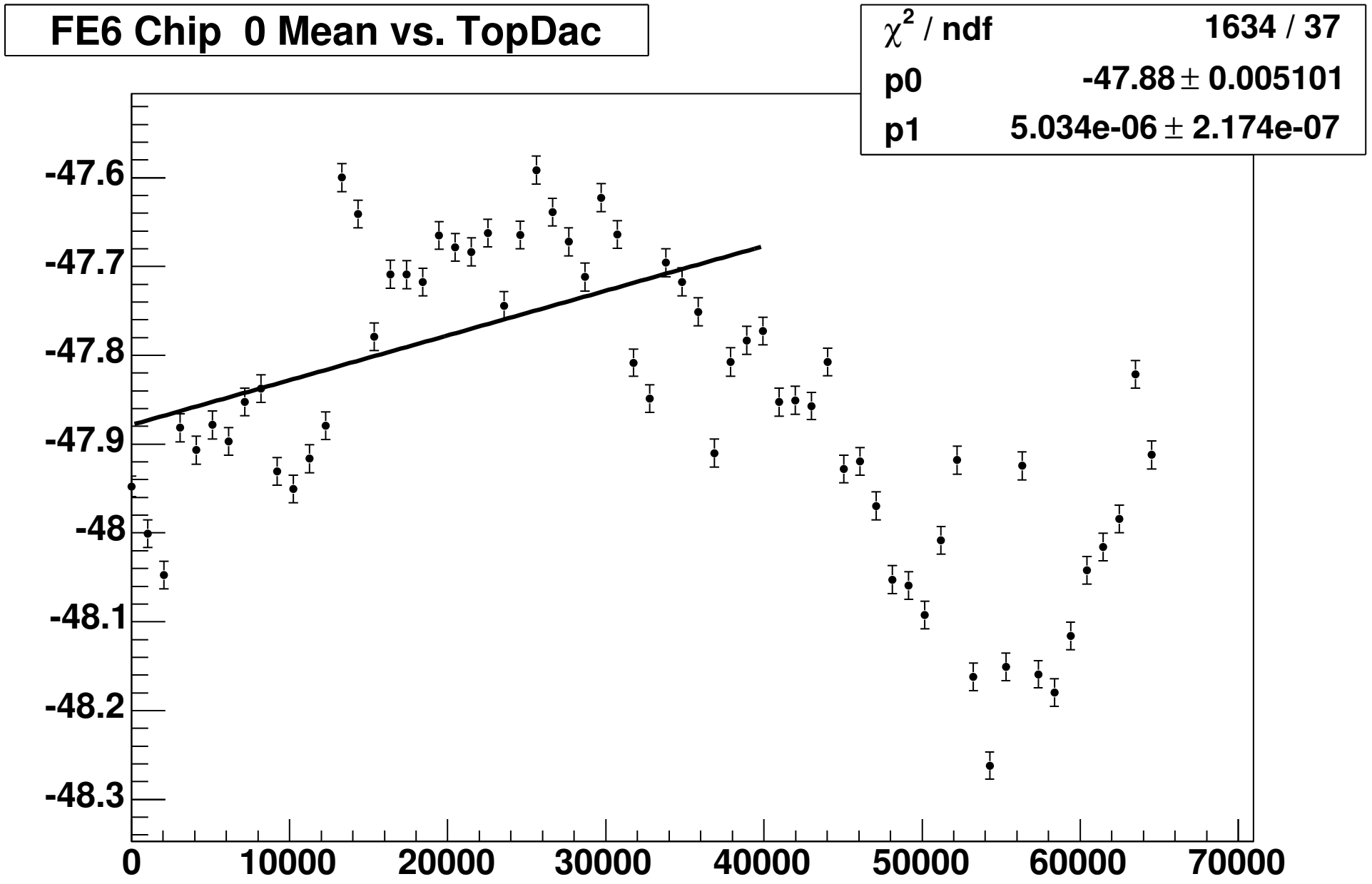
FE6 Chip 0 Mean vs. TopDac
χ² / ndf 1634 / 37
p0 -47.88 ± 0.005101
p1 5.034e-06 ± 2.174e-07
-47.6
-47.7
-47.8
-47.9
-48
-48.1
-48.2
-48.3
0
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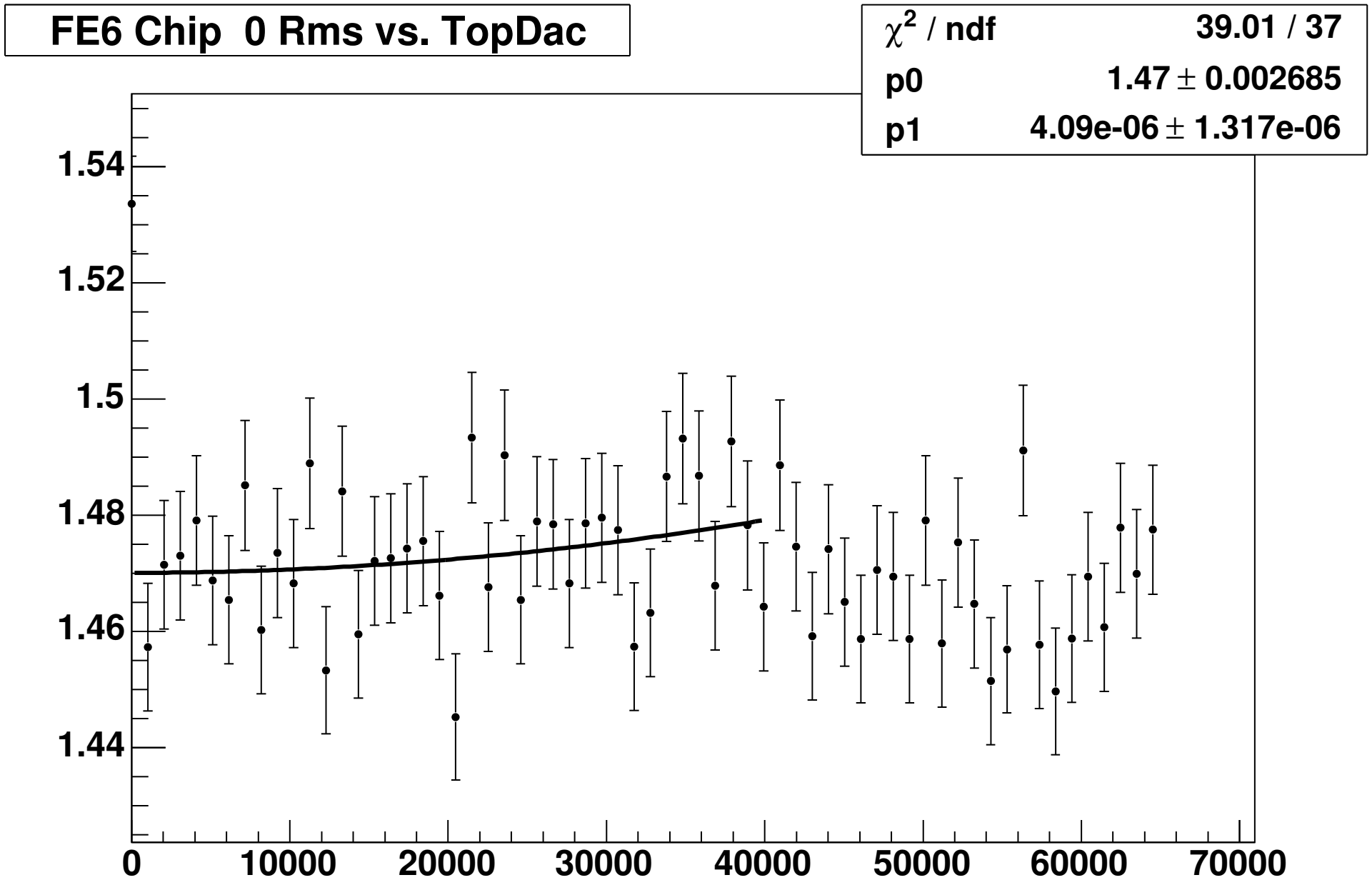
FE6 Chip 0 Rms vs. TopDac
χ² / ndf 39.01 / 37
p0 1.47 ± 0.002685
p1 4.09e-06 ± 1.317e-06
1.54
1.52
1.5
1.48
1.46
1.44
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50000
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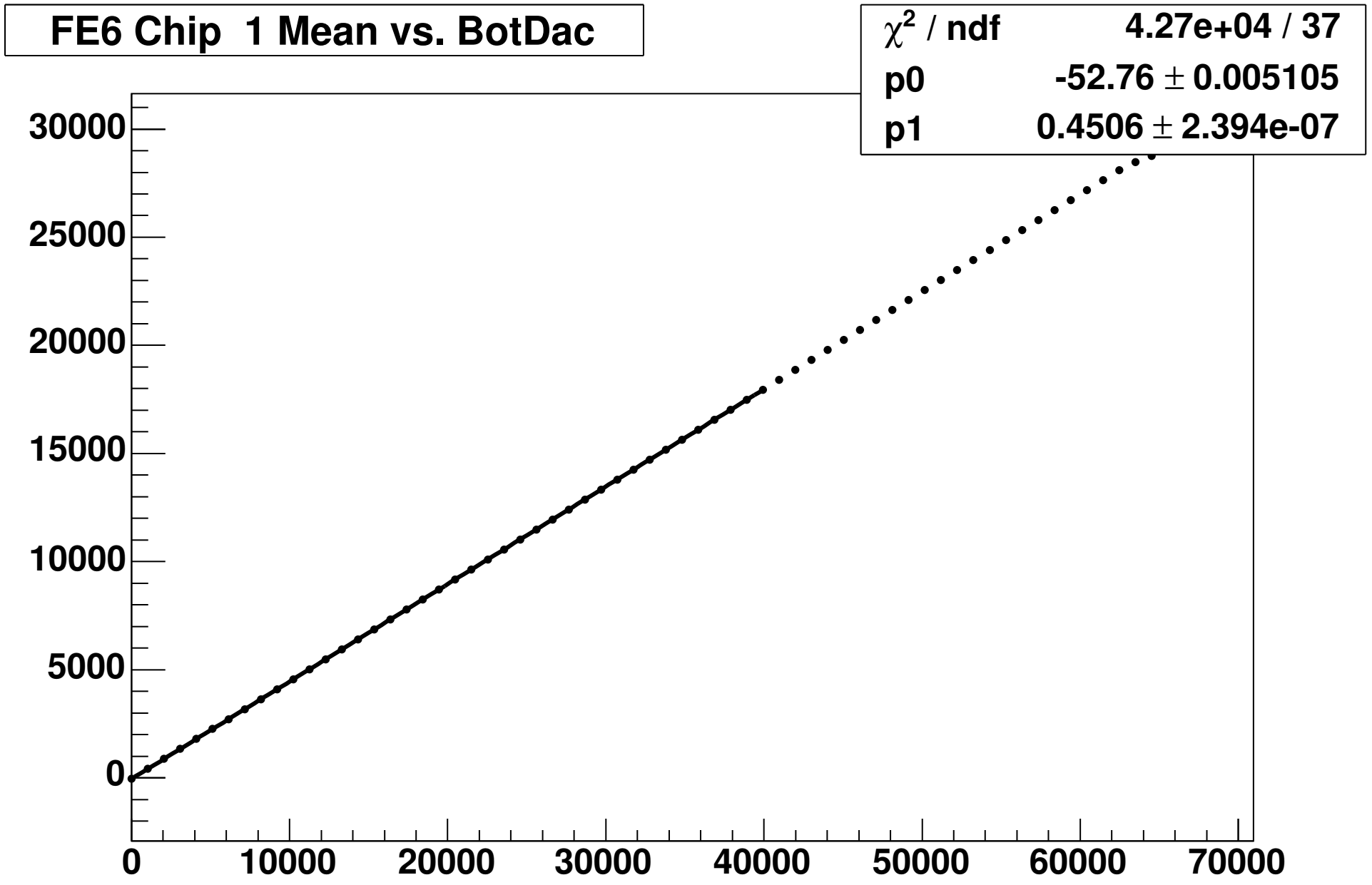
FE6 Chip 1 Mean vs. BotDac
χ² / ndf 4.27e+04 / 37
p0 -52.76 ± 0.005105
p1 0.4506 ± 2.394e-07
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15000
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5000
0
0
10000
20000
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40000
50000
60000
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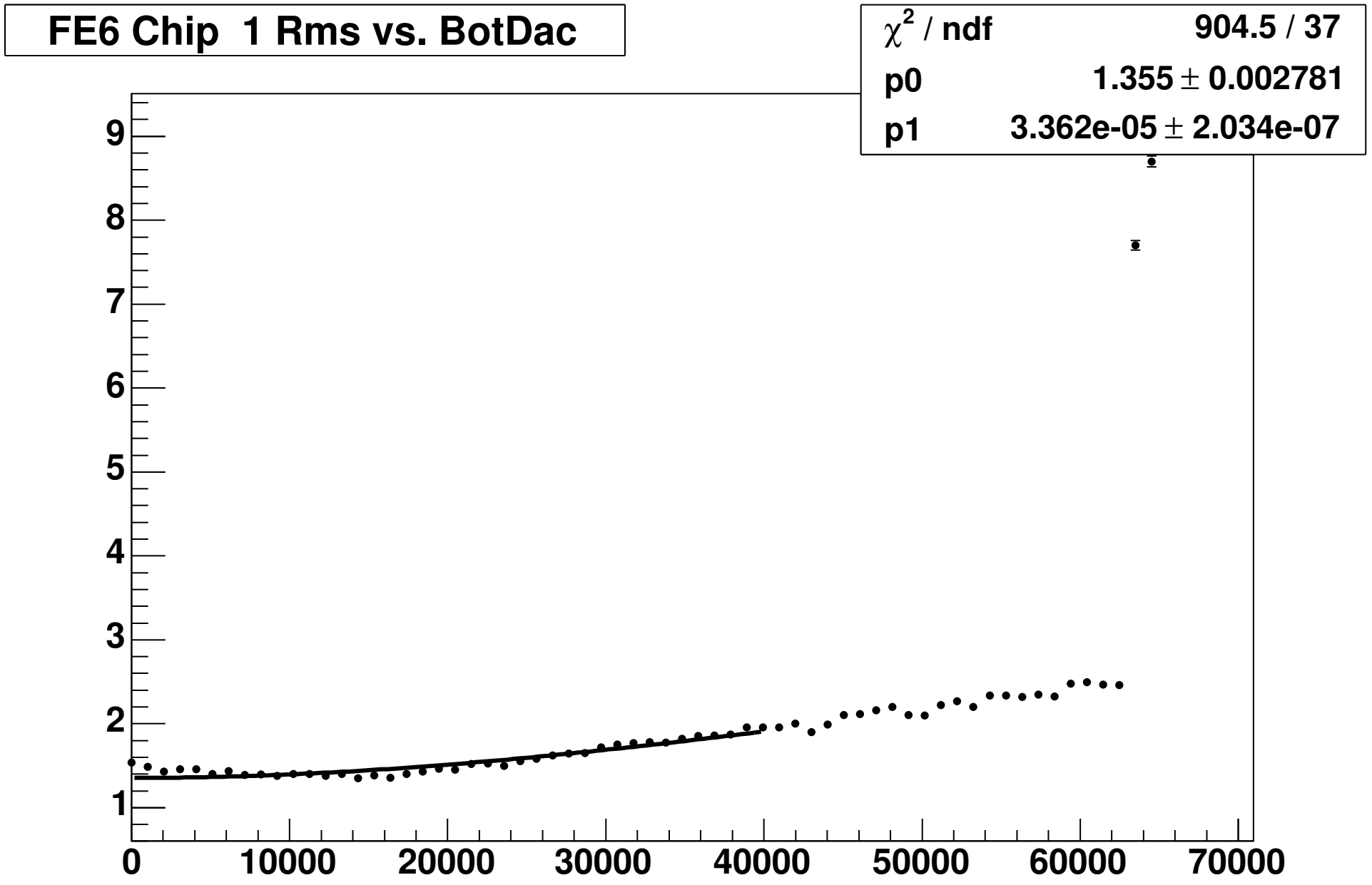
FE6 Chip 1 Rms vs. BotDac
χ² / ndf 904.5 / 37
p0 1.355 ± 0.002781
p1 3.362e-05 ± 2.034e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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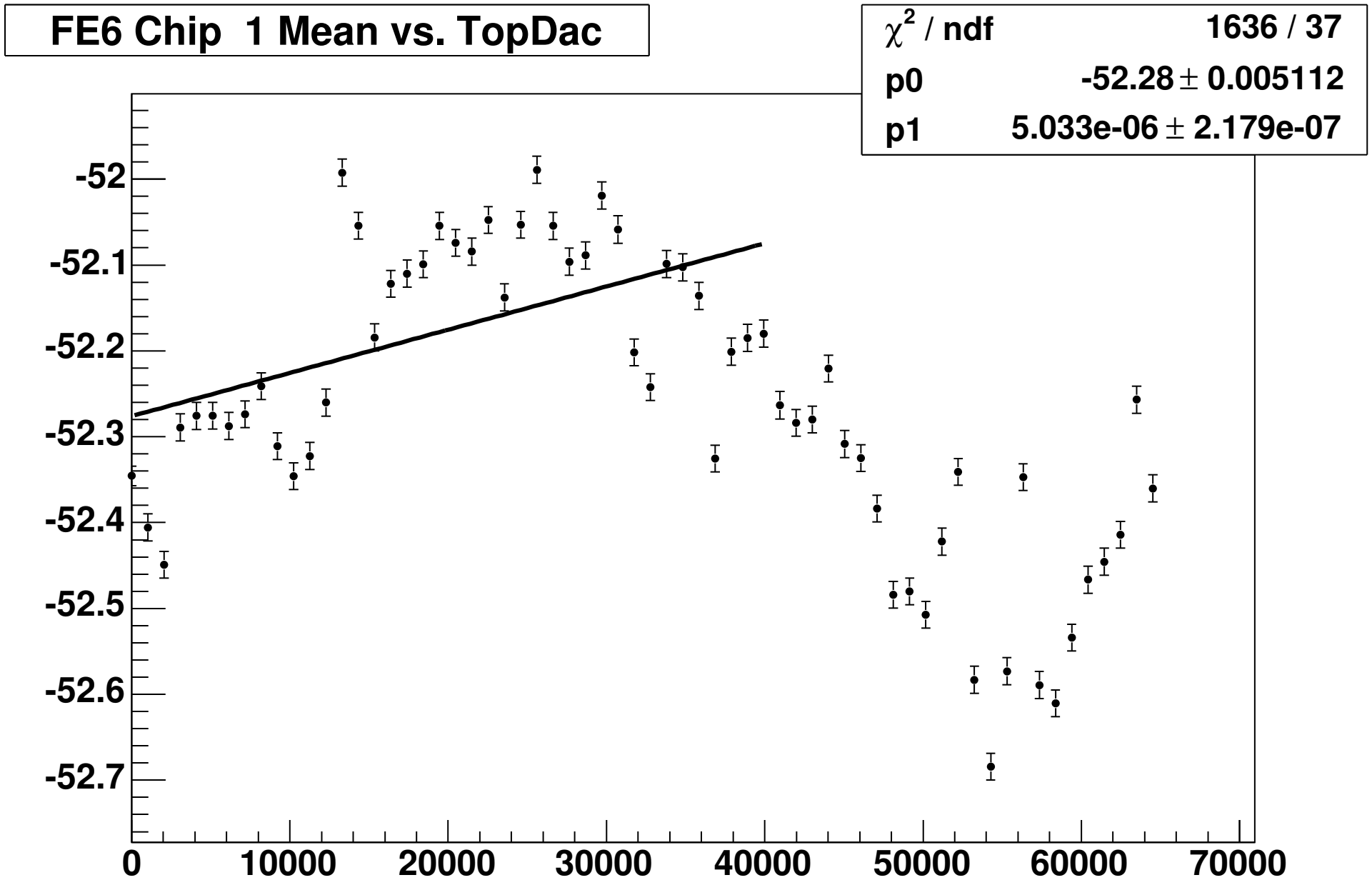
50000
60000
70000


FE6 Chip 1 Mean vs. TopDac
χ² / ndf 1636 / 37
p0 -52.28 ± 0.005112
p1 5.033e-06 ± 2.179e-07
-52
-52.1
-52.2
-52.3
-52.4
-52.5
-52.6
-52.7
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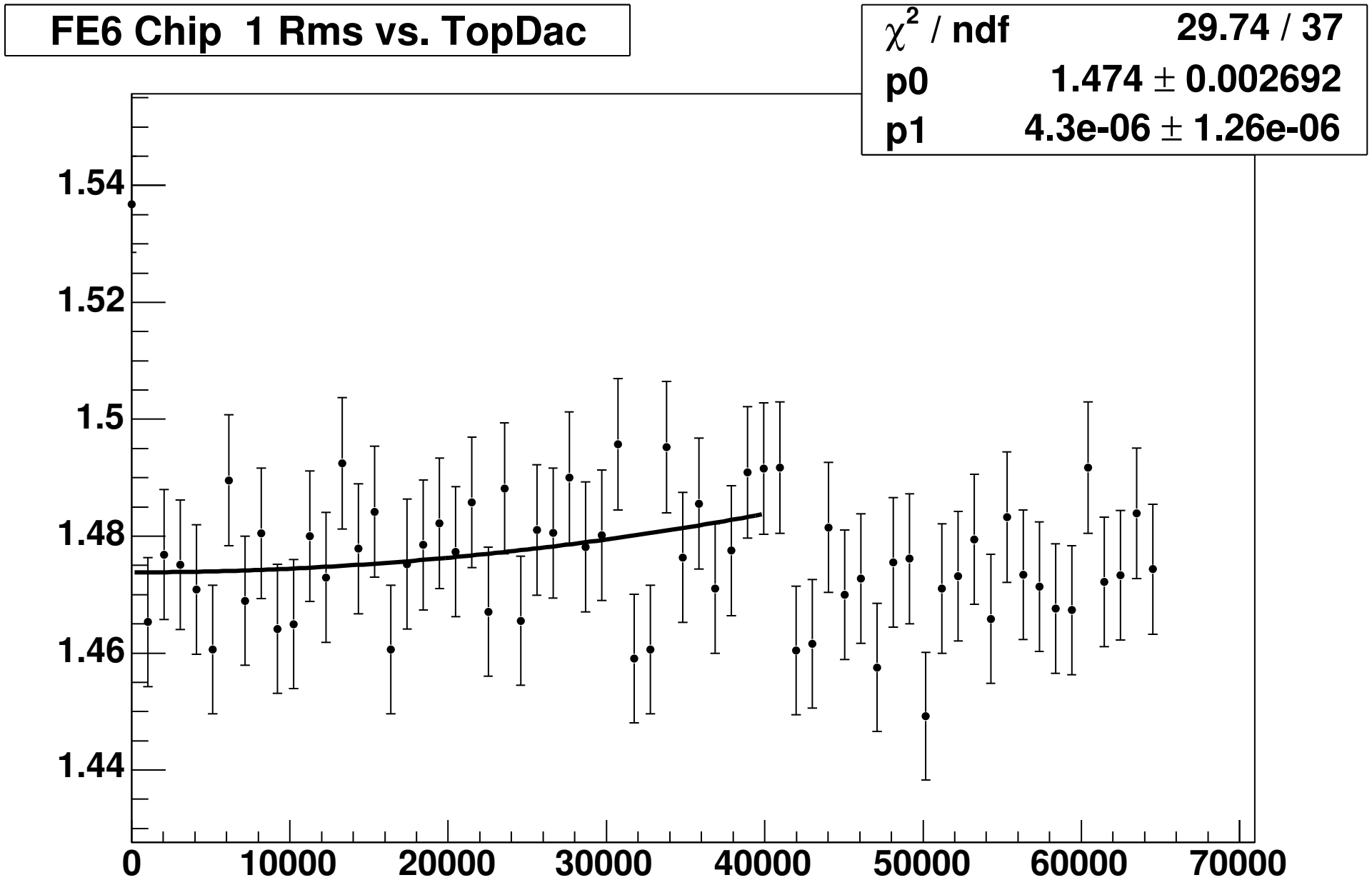
70000


FE6 Chip 1 Rms vs. TopDac
χ^2 / ndf 29.74 / 37
p0 1.474 ± 0.002692
p1 4.3e-06 ± 1.26e-06
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1.52
1.5
1.48
1.46
1.44
0
10000
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30000
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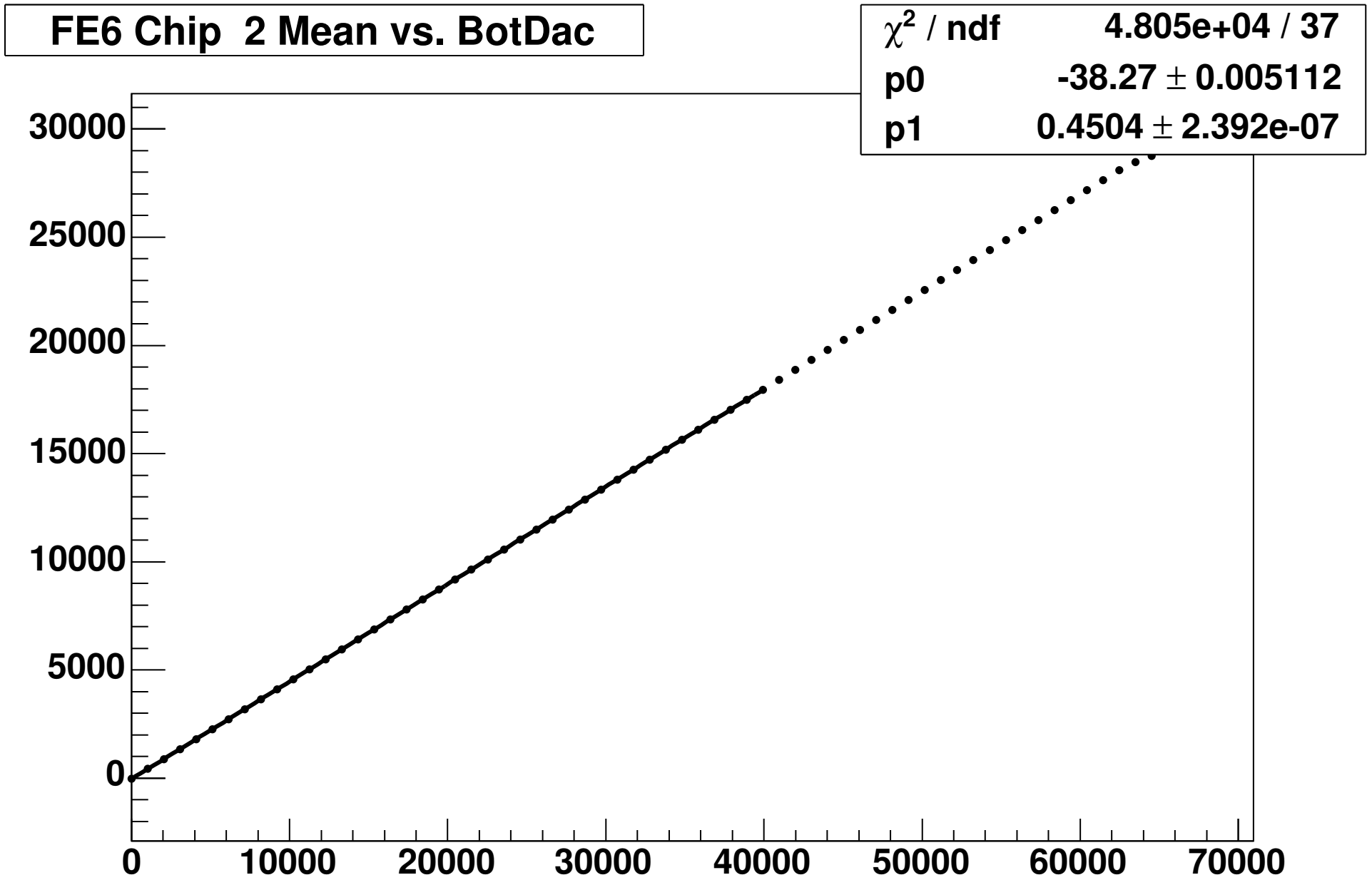
50000
60000
70000


FE6 Chip 2 Mean vs. BotDac
χ² / ndf 4.805e+04 / 37
p0 -38.27 ± 0.005112
p1 0.4504 ± 2.392e-07
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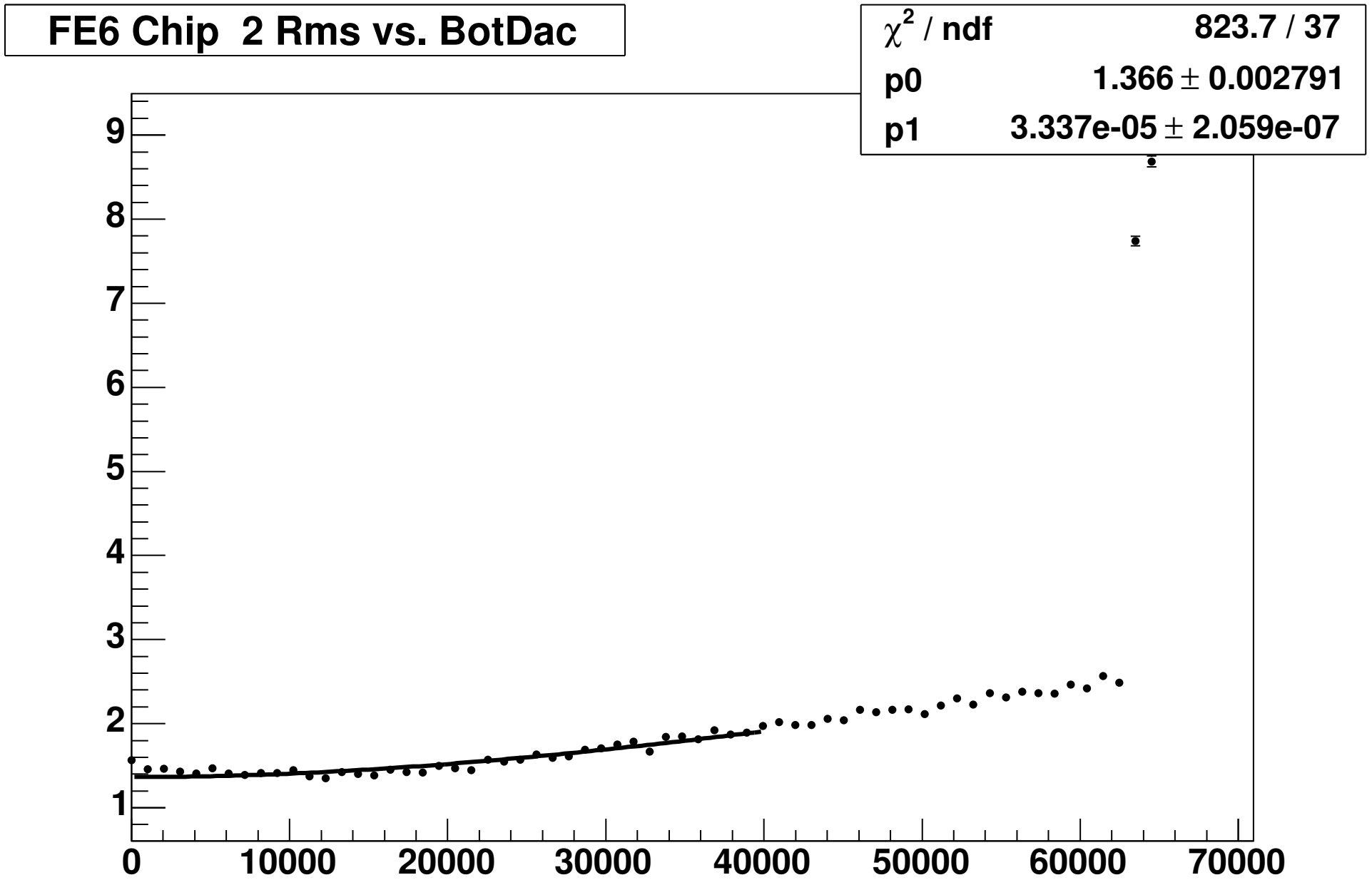
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 2 Rms vs. BotDac
χ² / ndf 823.7 / 37
p0 1.366 ± 0.002791
p1 3.337e-05 ± 2.059e-07
9
8
7
6
5
4
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2
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0
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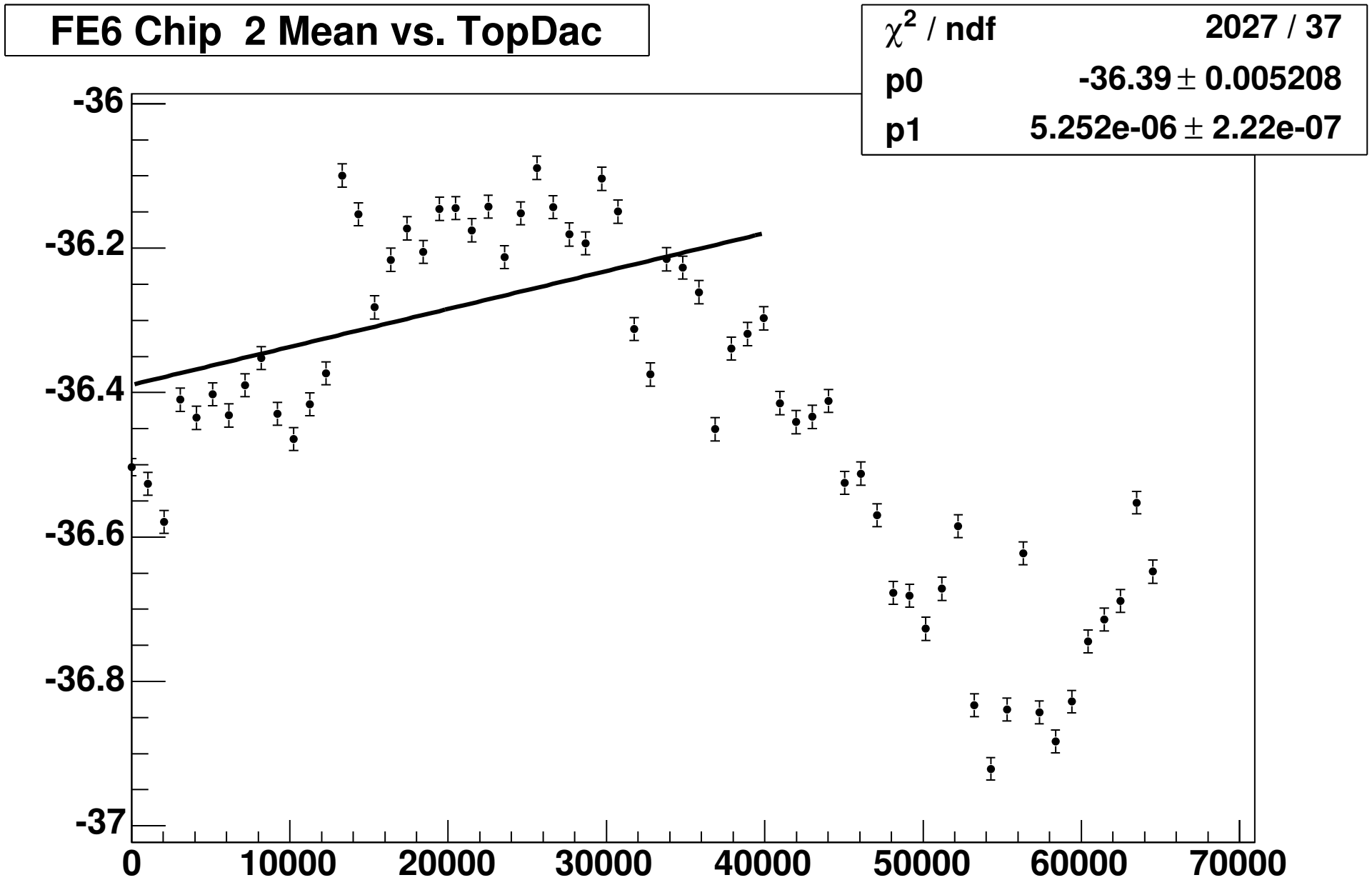
FE6 Chip 2 Mean vs. TopDac
χ² / ndf 2027 / 37
p0 -36.39 ± 0.005208
p1 5.252e-06 ± 2.22e-07
-36
-36.2
-36.4
-36.6
-36.8
-37
0
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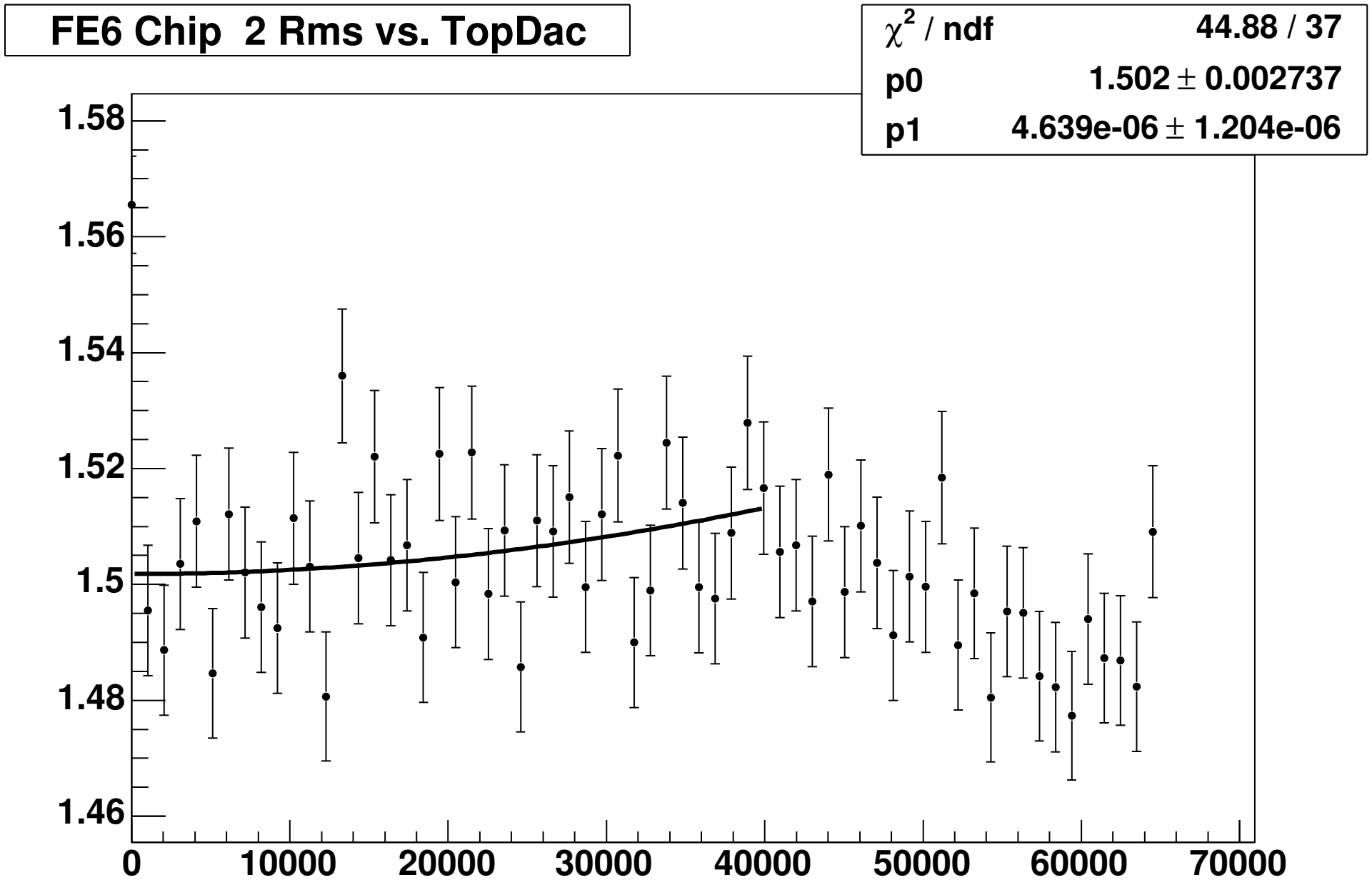
FE6 Chip 2 Rms vs. TopDac
χ² / ndf 44.88 / 37
p0 1.502 ± 0.002737
p1 4.639e-06 ± 1.204e-06
1.58
1.56
1.54
1.52
1.5
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1.46
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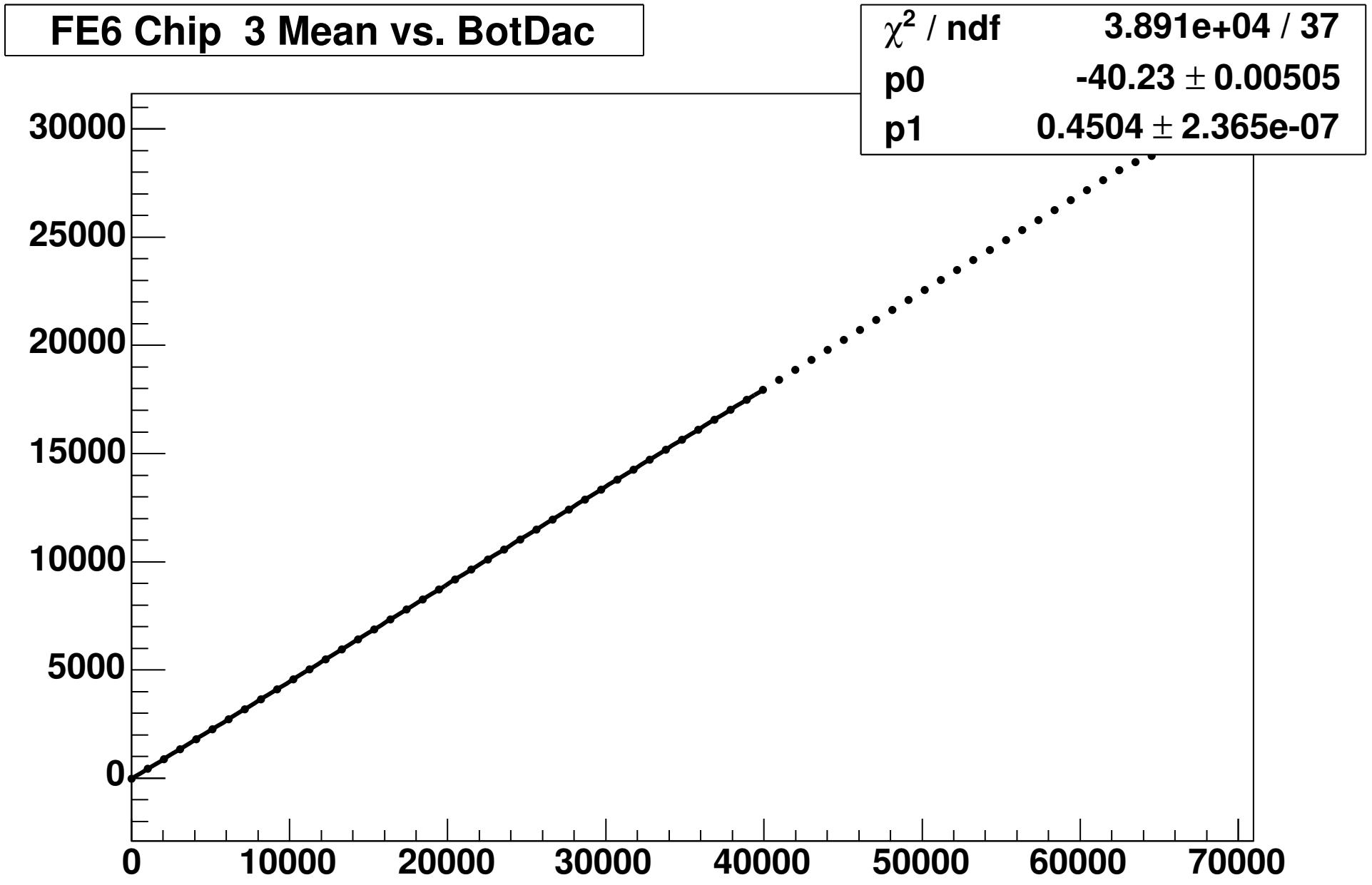
FE6 Chip 3 Mean vs. BotDac
χ² / ndf 3.891e+04 / 37
p0 -40.23 ± 0.00505
p1 0.4504 ± 2.365e-07
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15000
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5000
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0
10000
20000
30000
40000
50000
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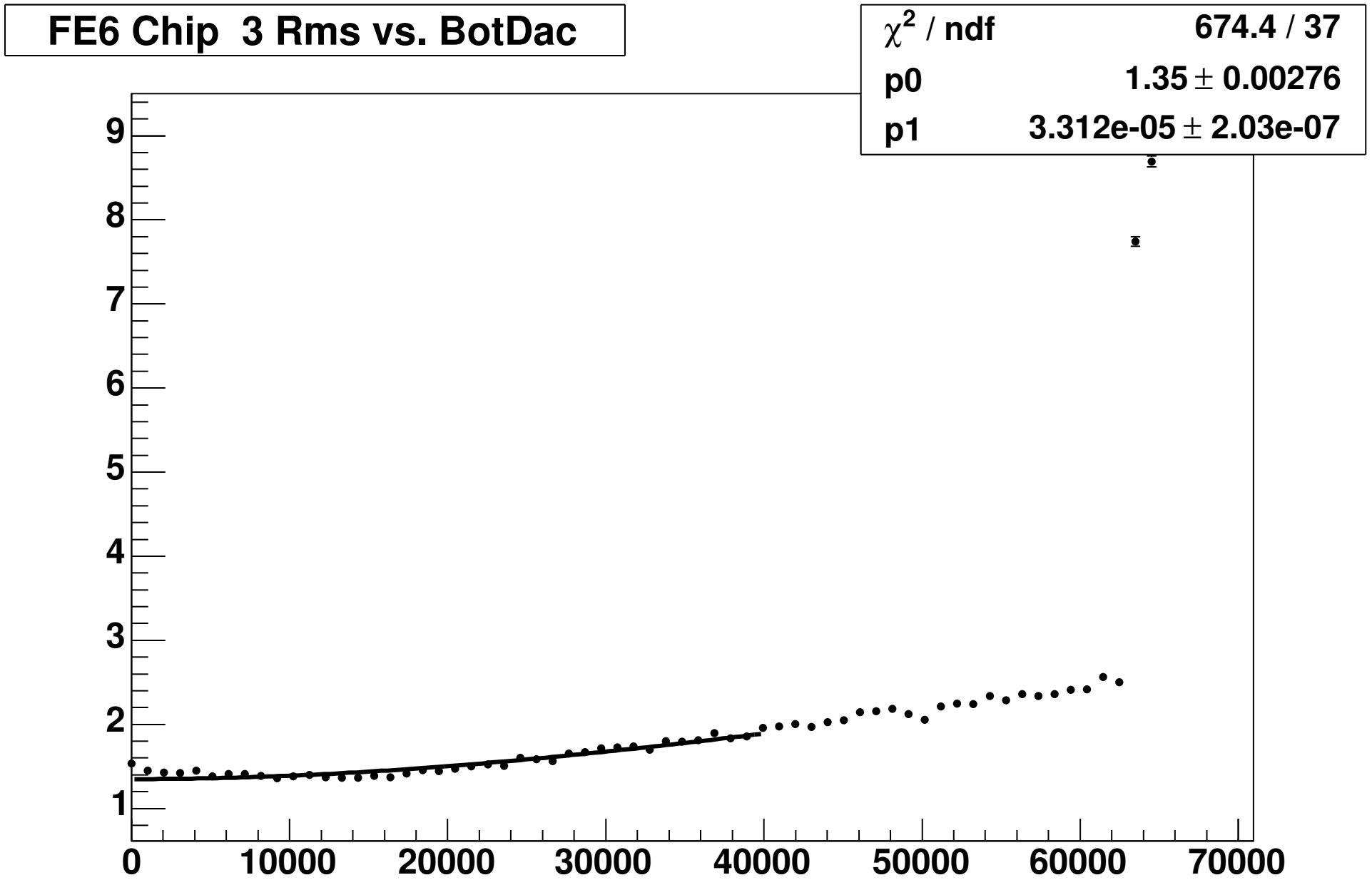
70000


FE6 Chip 3 Rms vs. BotDac
χ² / ndf 674.4 / 37
p0 1.35 ± 0.00276
p1 3.312e-05 ± 2.03e-07
9
8
7
6
5
4
3
2
1
0
10000
20000
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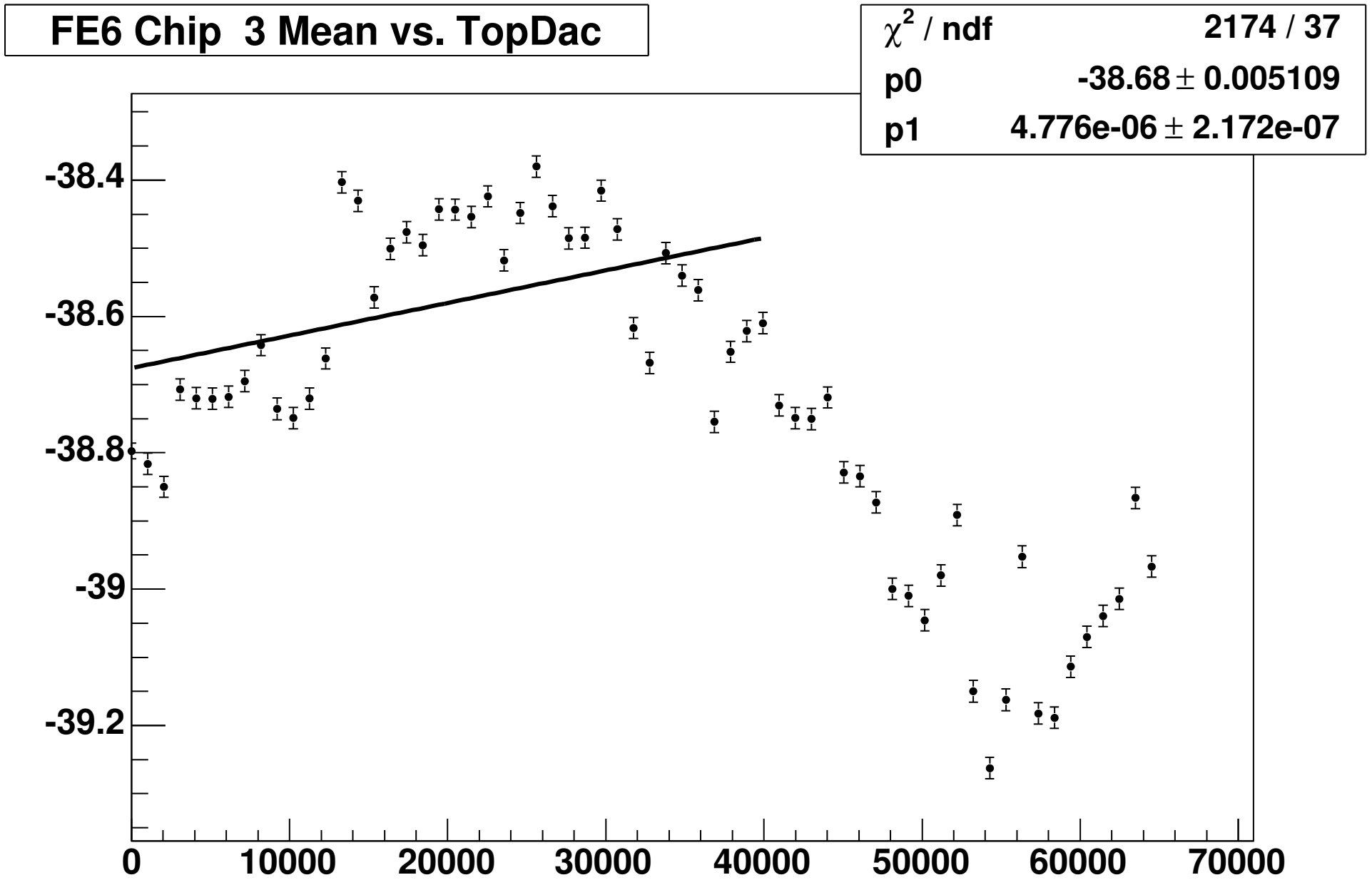
70000


FE6 Chip 3 Mean vs. TopDac
χ² / ndf 2174 / 37
p0 -38.68 ± 0.005109
p1 4.776e-06 ± 2.172e-07
-38.4
-38.6
-38.8
-39
-39.2
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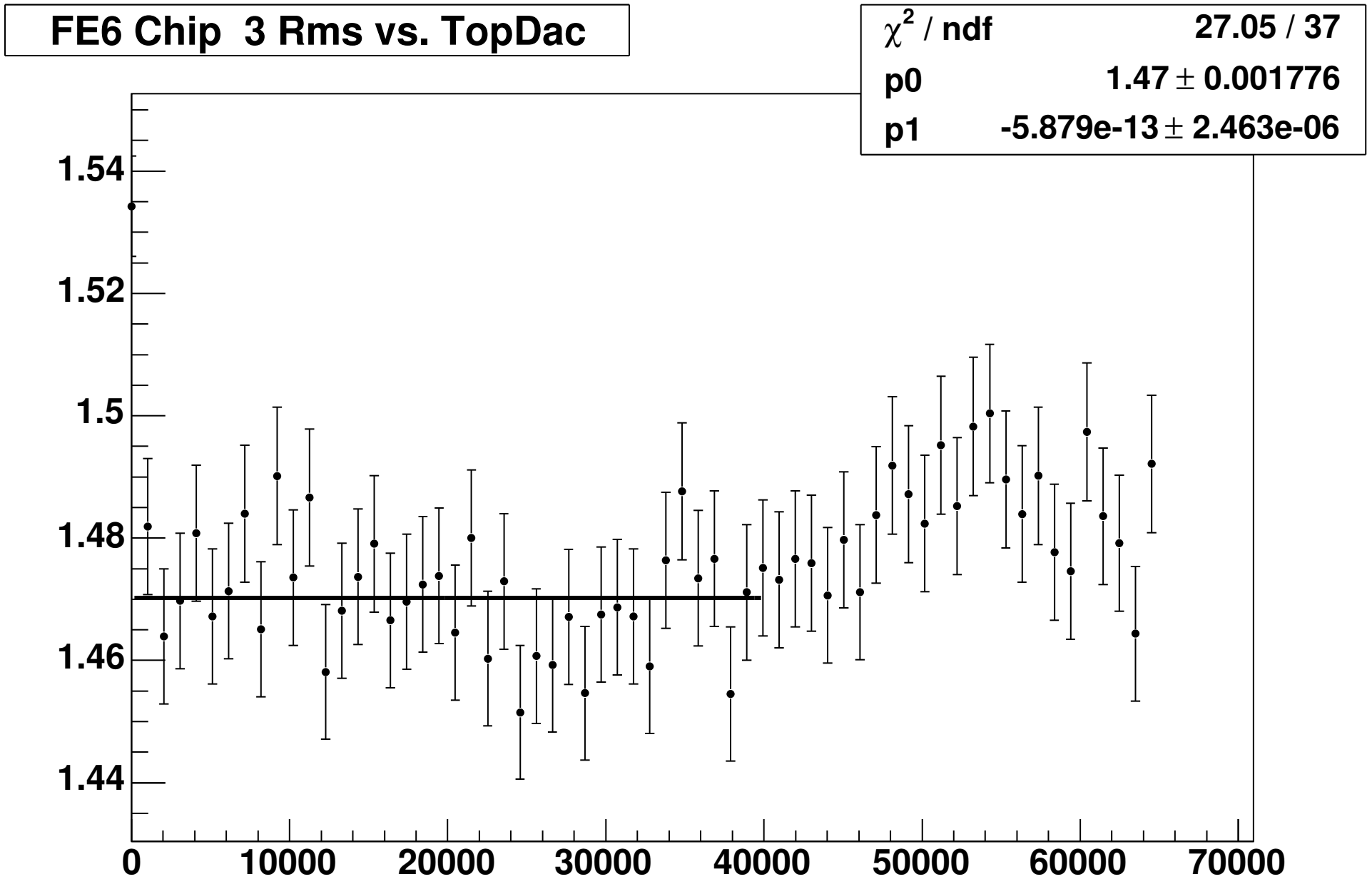
FE6 Chip 3 Rms vs. TopDac
χ² / ndf 27.05 / 37
p0 1.47 ± 0.001776
p1 -5.879e-13 ± 2.463e-06
1.54
1.52
1.5
1.48
1.46
1.44
0
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20000
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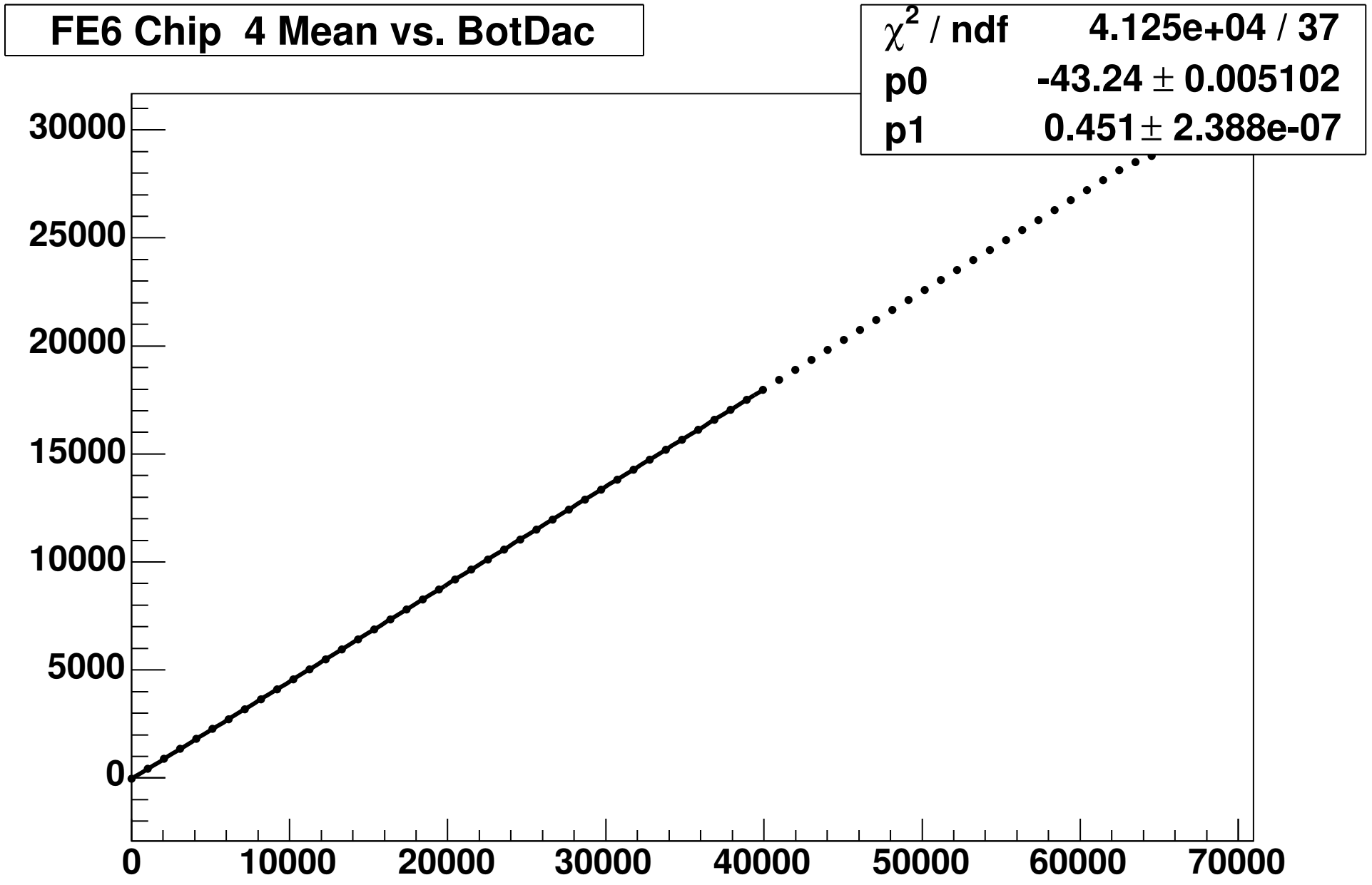
FE6 Chip 4 Mean vs. BotDac
χ² / ndf 4.125e+04 / 37
p0 -43.24 ± 0.005102
p1 0.451 ± 2.388e-07
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20000
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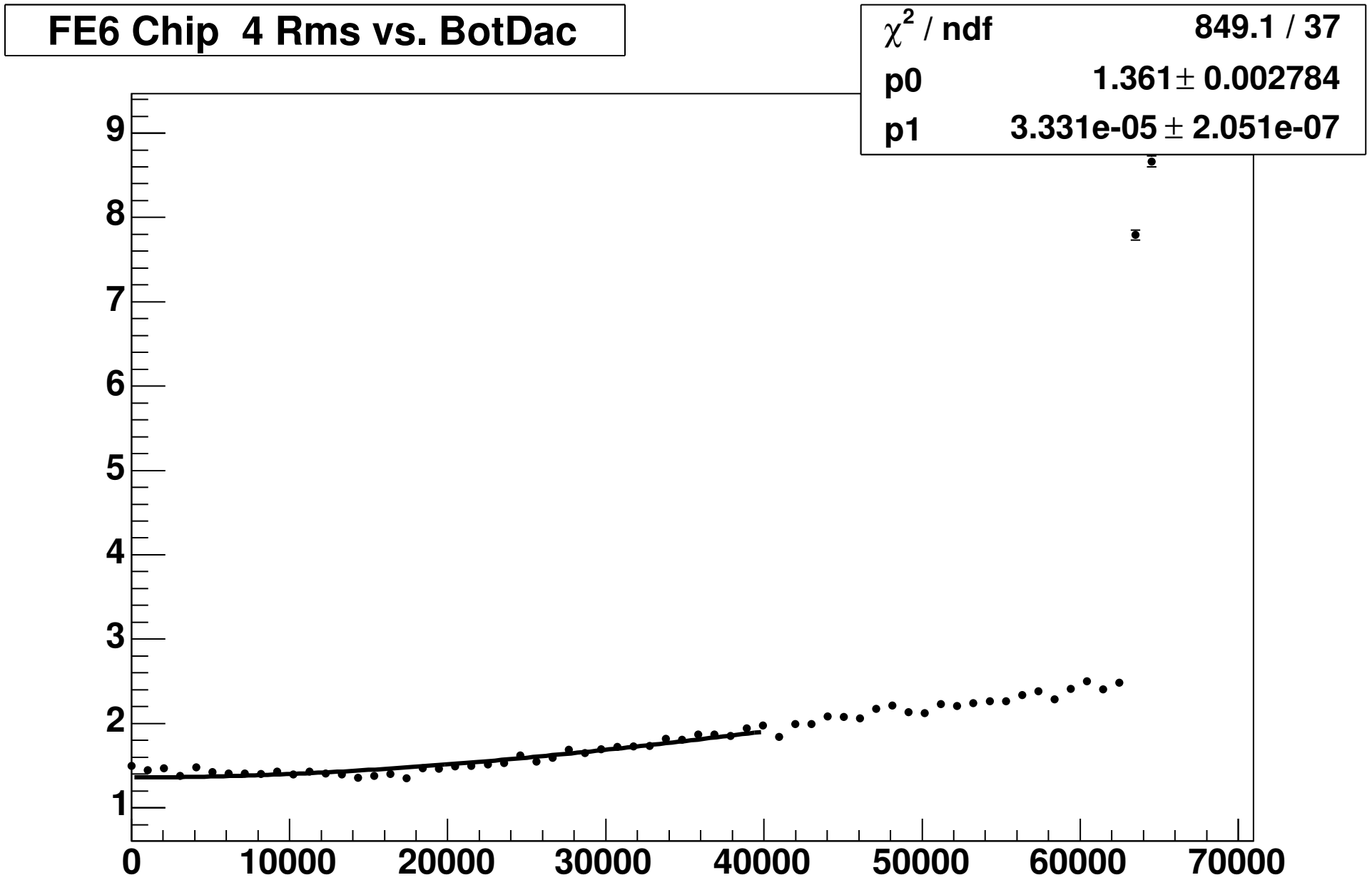
FE6 Chip 4 Rms vs. BotDac
χ² / ndf 849.1 / 37
p0 1.361 ± 0.002784
p1 3.331e-05 ± 2.051e-07
9
8
7
6
5
4
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2
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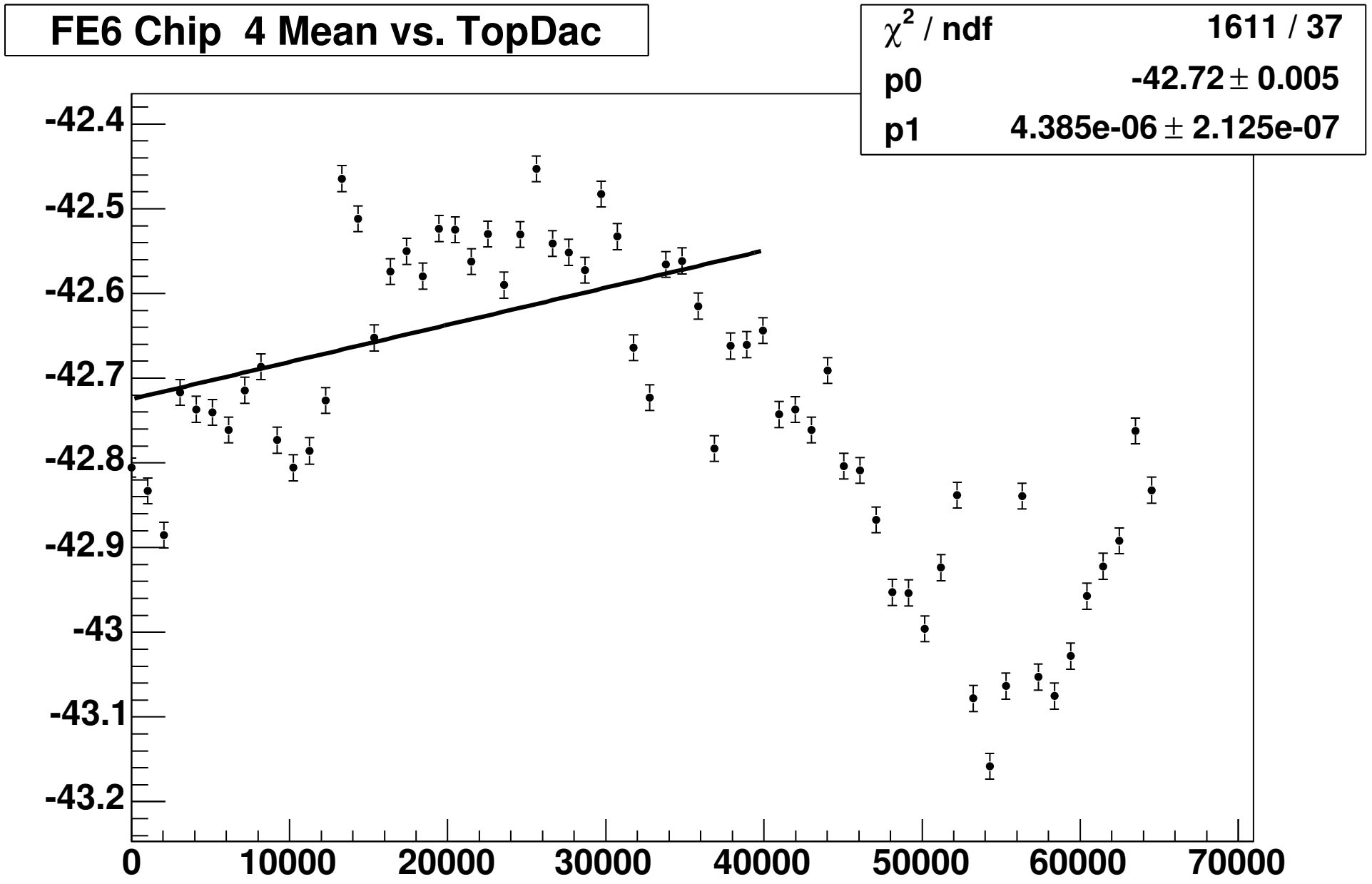
FE6 Chip 4 Mean vs. TopDac
χ² / ndf 1611 / 37
p0 -42.72 ± 0.005
p1 4.385e-06 ± 2.125e-07
-42.4
-42.5
-42.6
-42.7
-42.8
-42.9
-43
-43.1
-43.2
0
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20000
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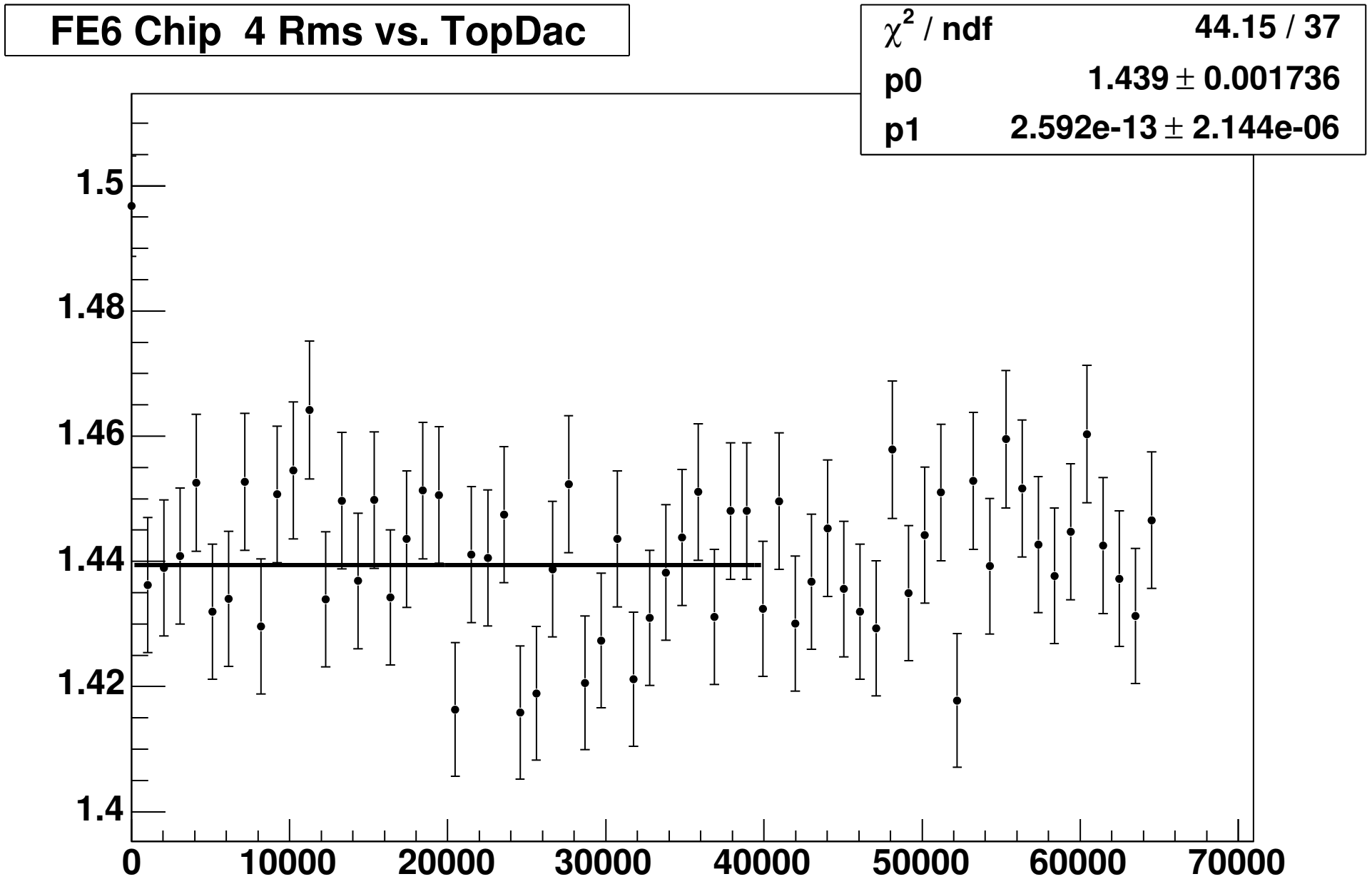
70000


FE6 Chip 4 Rms vs. TopDac
χ² / ndf 44.15 / 37
p0 1.439 ± 0.001736
p1 2.592e-13 ± 2.144e-06
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
20000
30000
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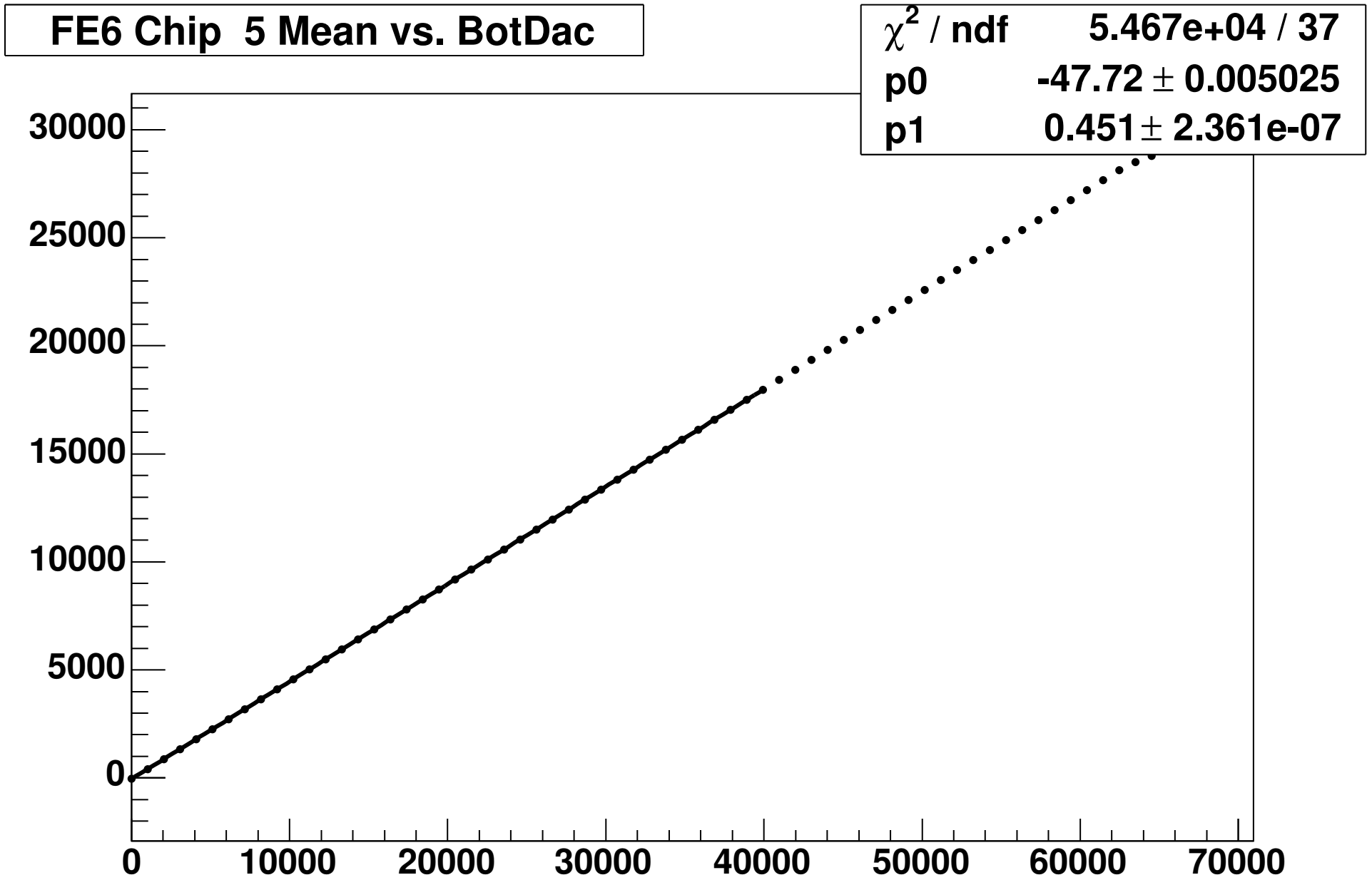
60000
70000


FE6 Chip 5 Mean vs. BotDac
χ² / ndf 5.467e+04 / 37
p0 -47.72 ± 0.005025
p1 0.451 ± 2.361e-07
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20000
15000
10000
5000
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0
10000
20000
30000
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50000
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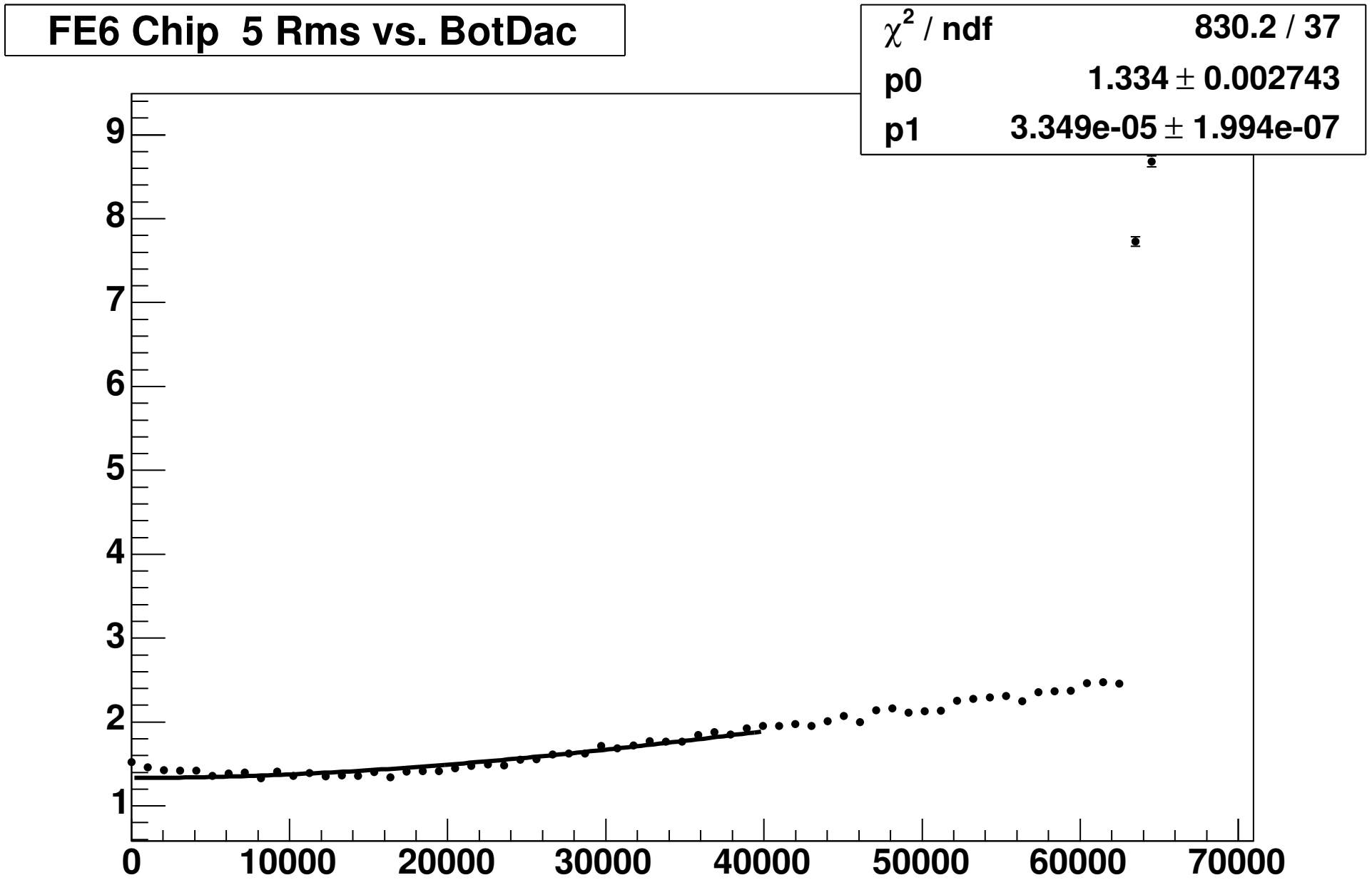
70000


FE6 Chip 5 Rms vs. BotDac
χ² / ndf 830.2 / 37
p0 1.334 ± 0.002743
p1 3.349e-05 ± 1.994e-07
9
8
7
6
5
4
3
2
1
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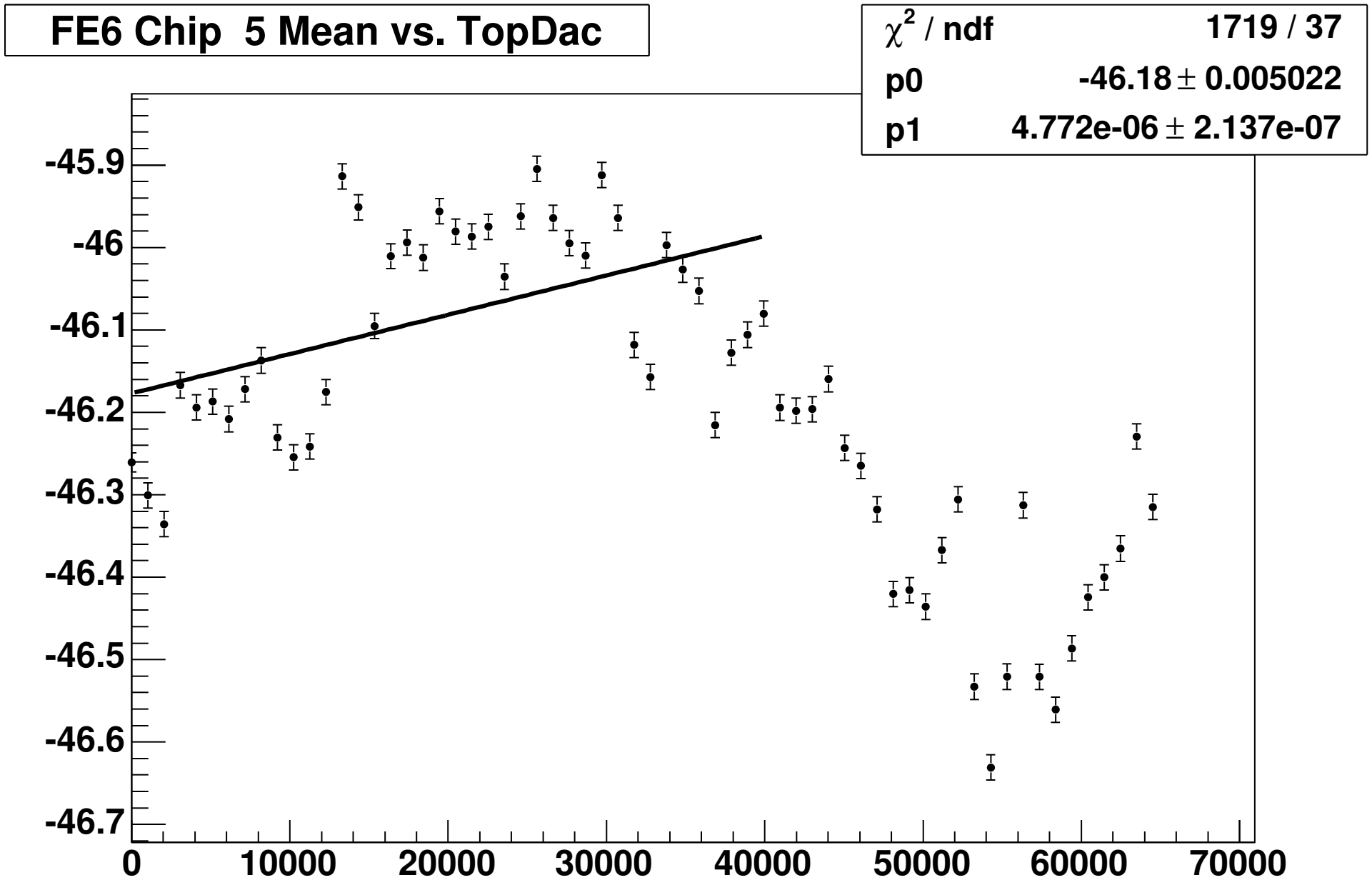
70000


FE6 Chip 5 Mean vs. TopDac
χ² / ndf 1719 / 37
p0 -46.18 ± 0.005022
p1 4.772e-06 ± 2.137e-07
-45.9
-46
-46.1
-46.2
-46.3
-46.4
-46.5
-46.6
-46.7
0
10000
20000
30000
40000
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60000
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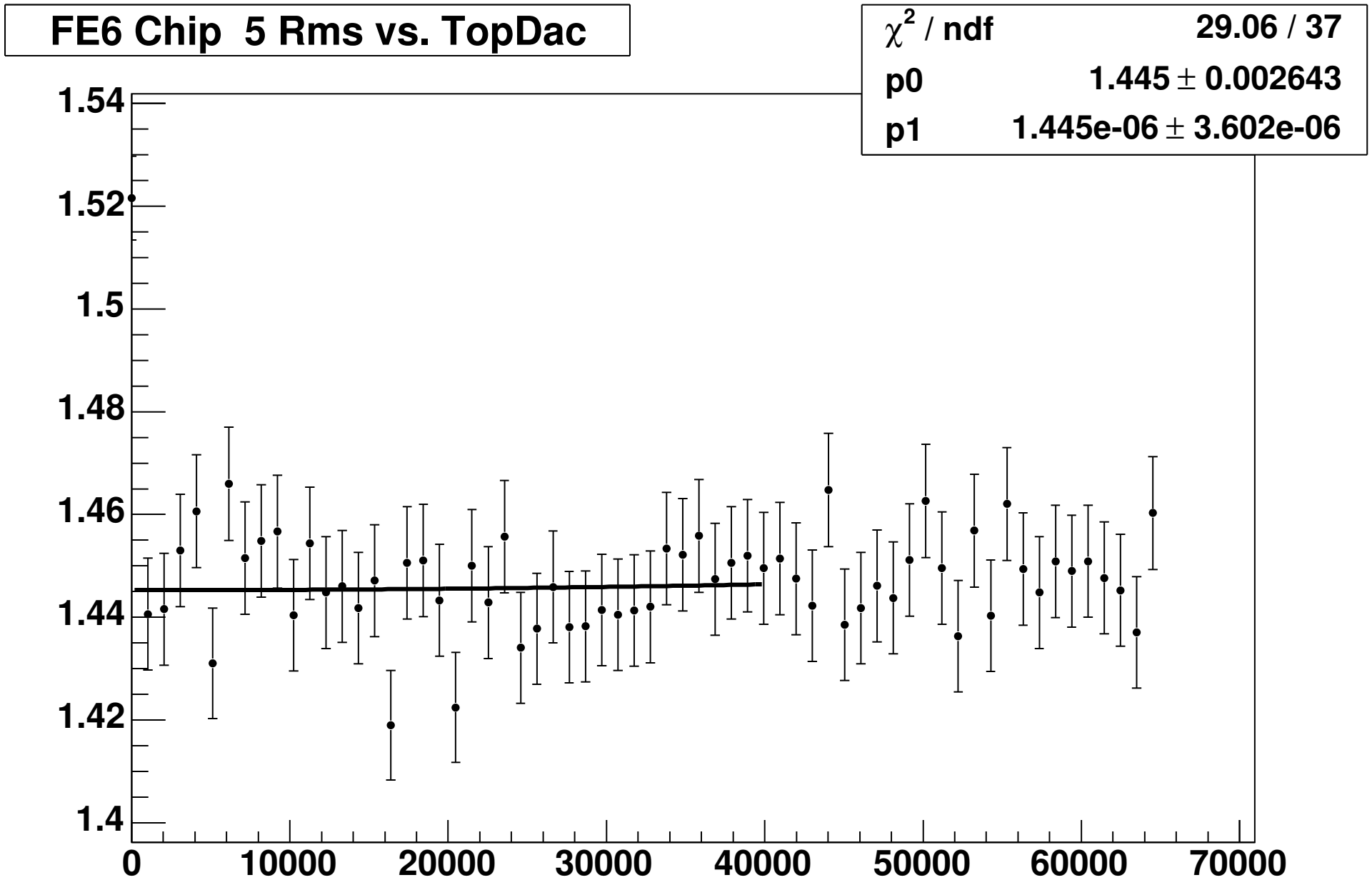
FE6 Chip 5 Rms vs. TopDac
χ² / ndf 29.06 / 37
p0 1.445 ± 0.002643
p1 1.445e-06 ± 3.602e-06
1.54
1.52
1.5
1.48
1.46
1.44
1.42
1.4
0
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20000
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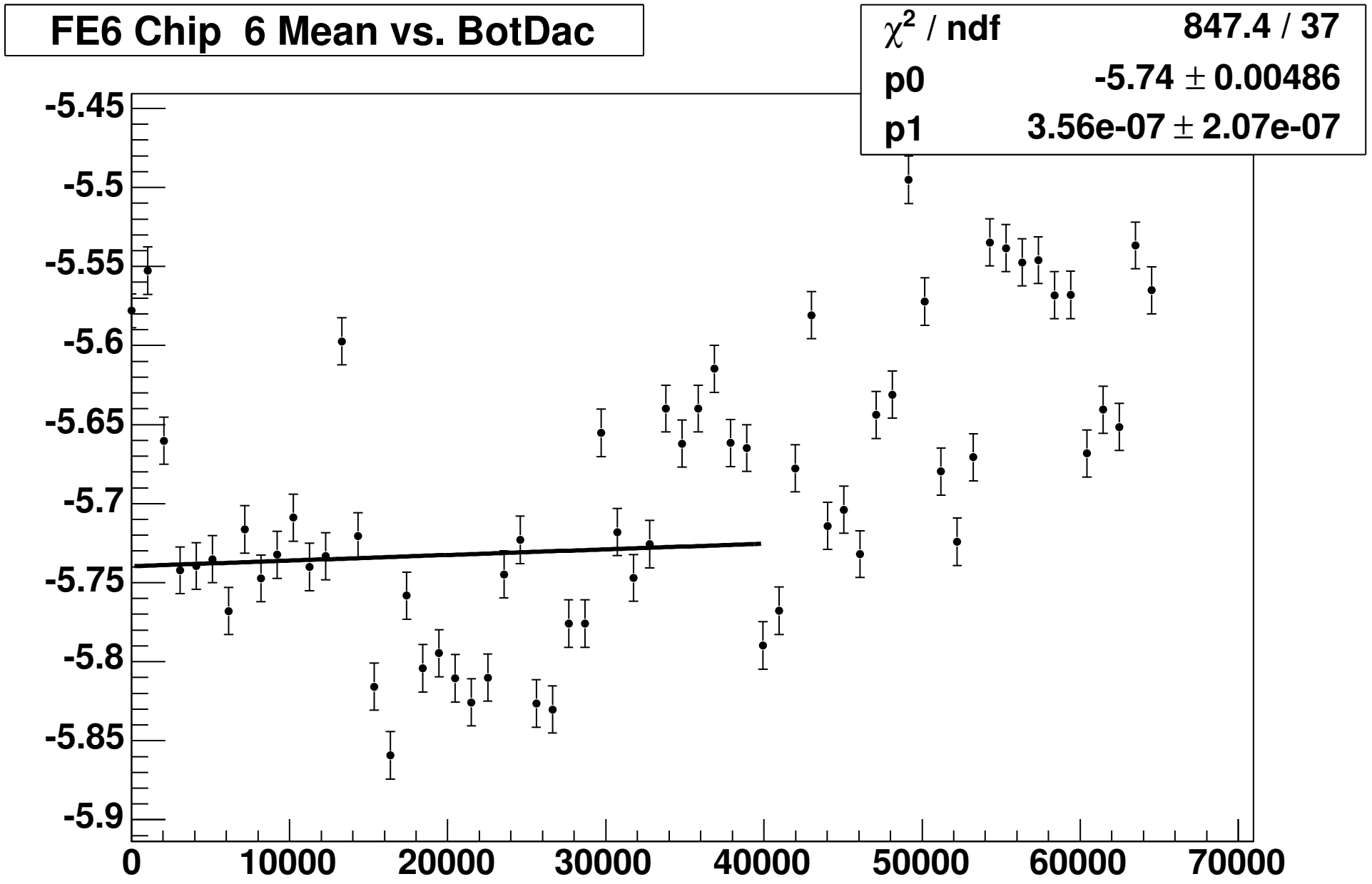
FE6 Chip 6 Mean vs. BotDac
χ^2 / ndf 847.4 / 37
p0 -5.74 ± 0.00486
p1 3.56e-07 ± 2.07e-07
-5.45
-5.5
-5.55
-5.6
-5.65
-5.7
-5.75
-5.8
-5.85
-5.9
0
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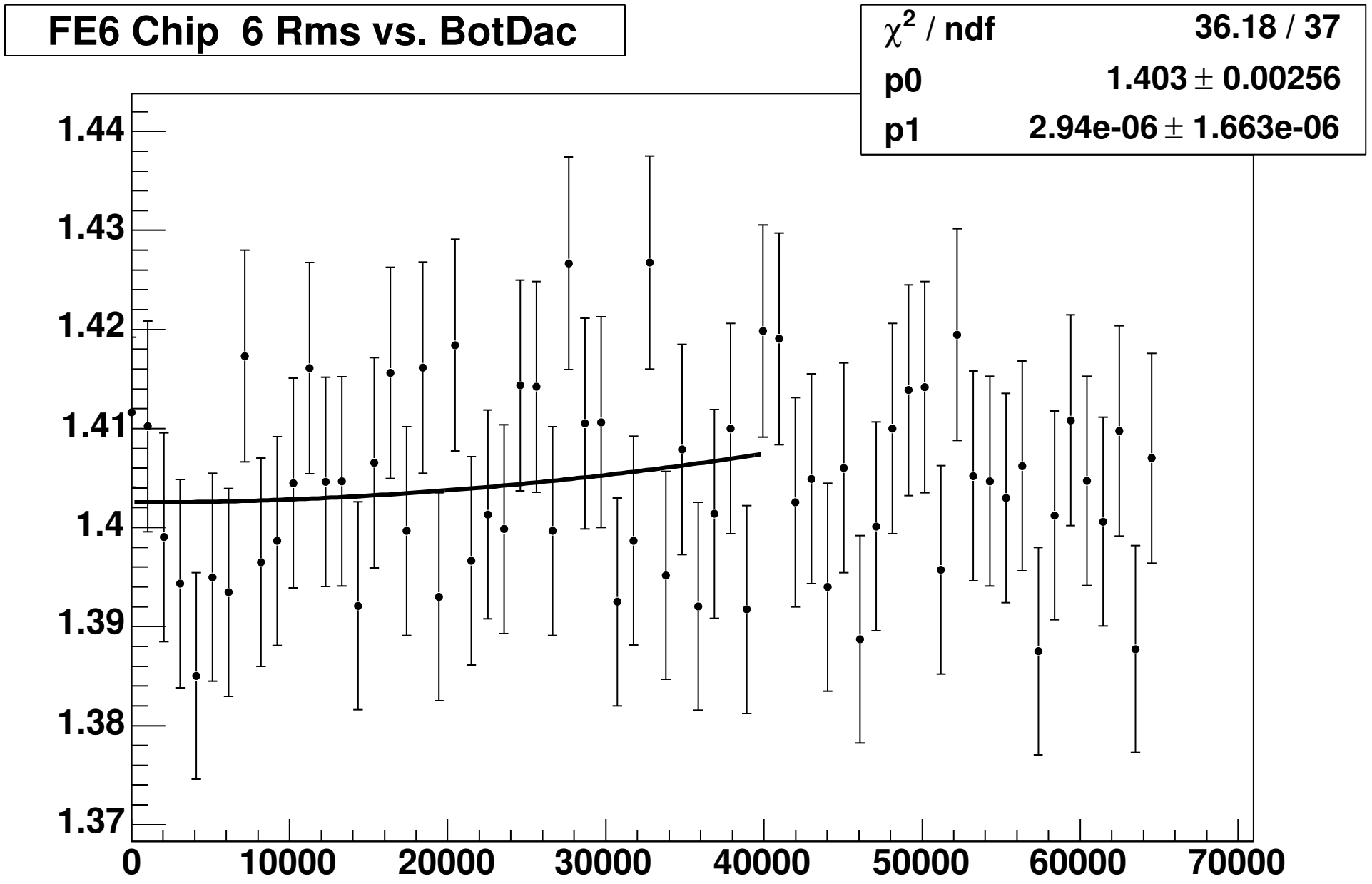
FE6 Chip 6 Rms vs. BotDac
χ² / ndf 36.18 / 37
p0 1.403 ± 0.00256
p1 2.94e-06 ± 1.663e-06
1.44
1.43
1.42
1.41
1.4
1.39
1.38
1.37
0
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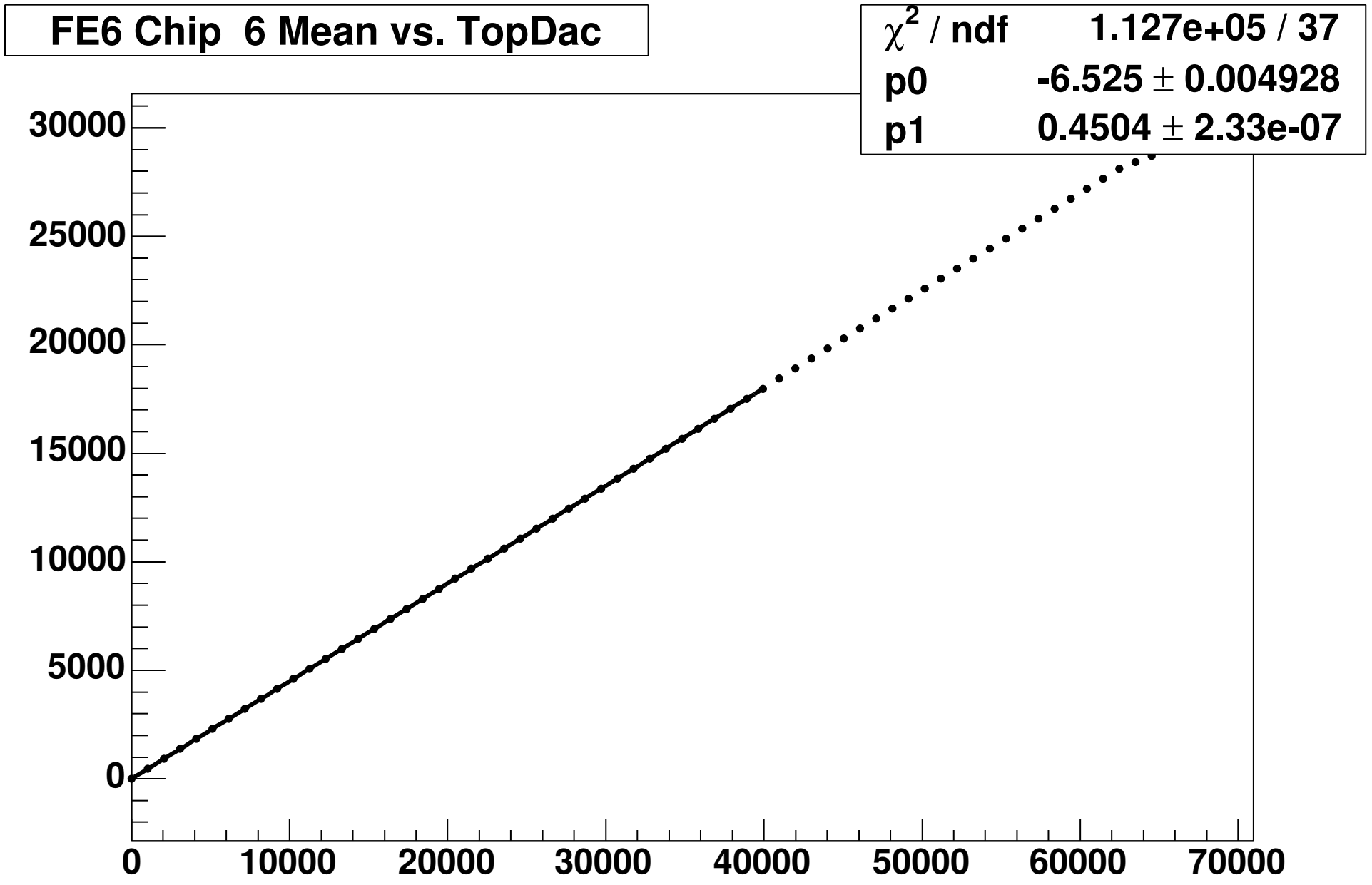
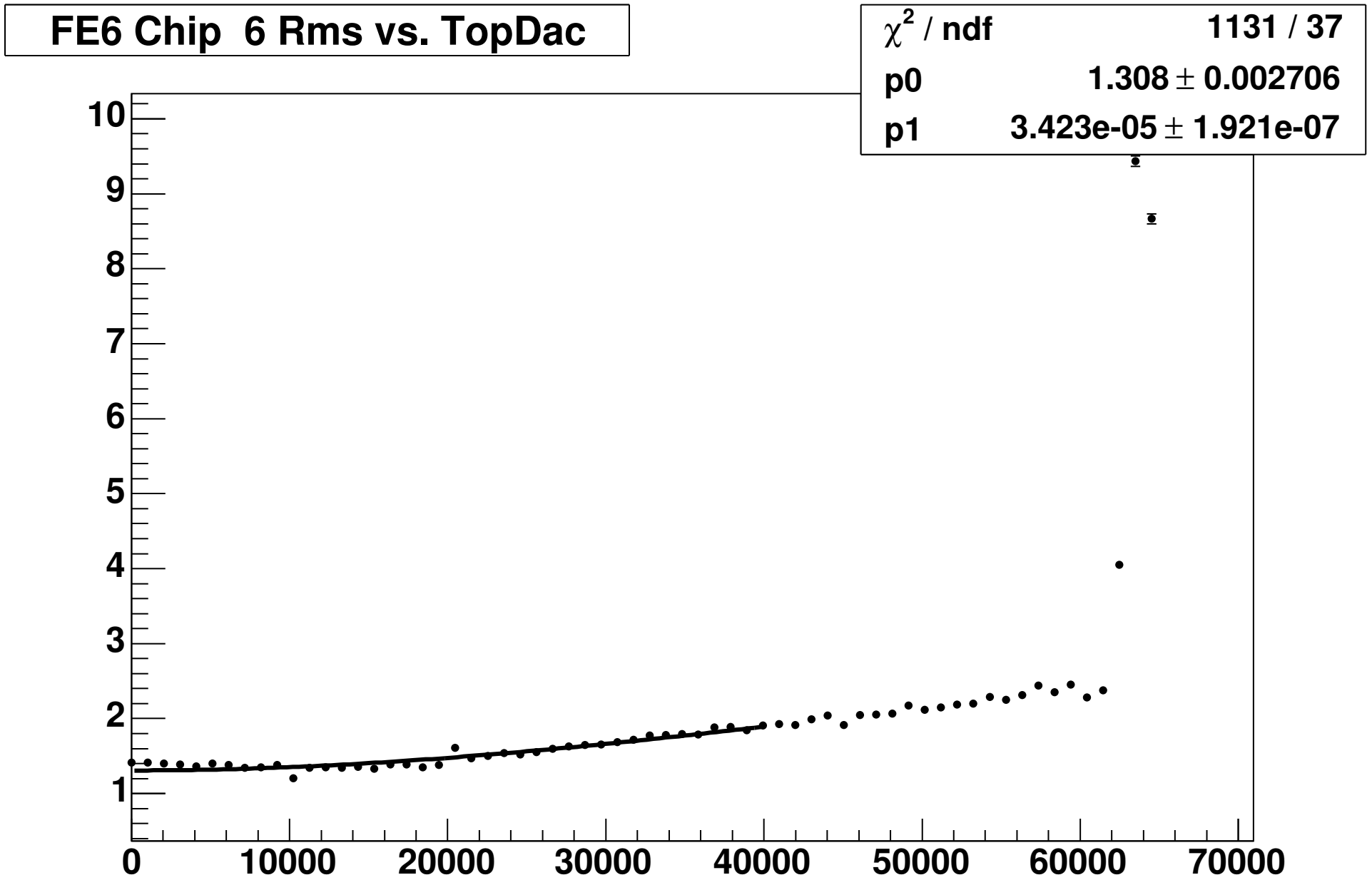

FE6 Chip 6 Mean vs. TopDac
χ² / ndf 1.127e+05 / 37
p0 -6.525 ± 0.004928
p1 0.4504 ± 2.33e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 6 Rms vs. TopDac
χ² / ndf 1131 / 37
p0 1.308 ± 0.002706
p1 3.423e-05 ± 1.921e-07
10
9
8
7
6
5
4
3
2
1
0
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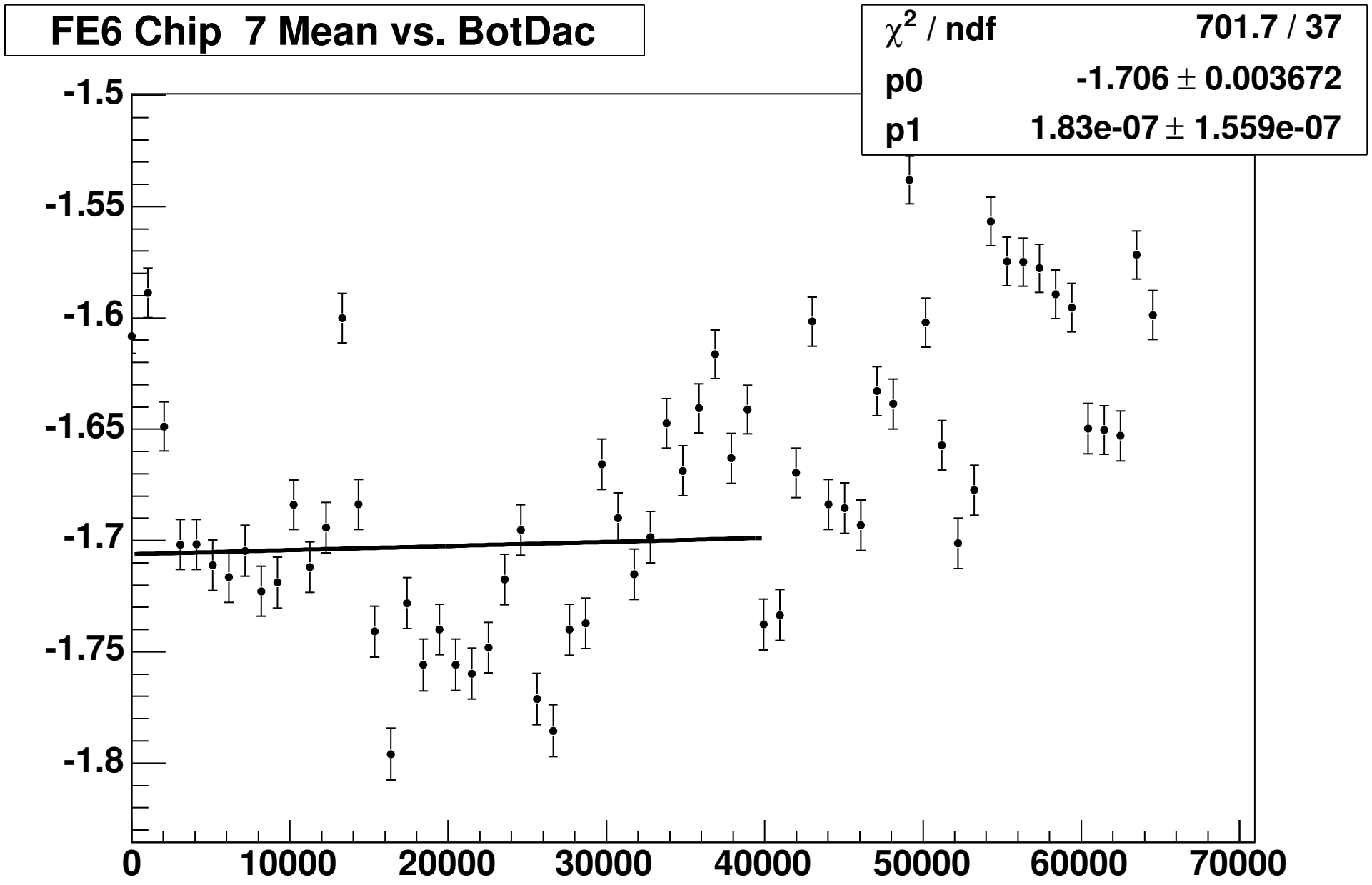
60000
70000


FE6 Chip 7 Mean vs. BotDac
χ² / ndf 701.7 / 37
p0 -1.706 ± 0.003672
p1 1.83e-07 ± 1.559e-07
-1.5
-1.55
-1.6
-1.65
-1.7
-1.75
-1.8
0
10000
20000
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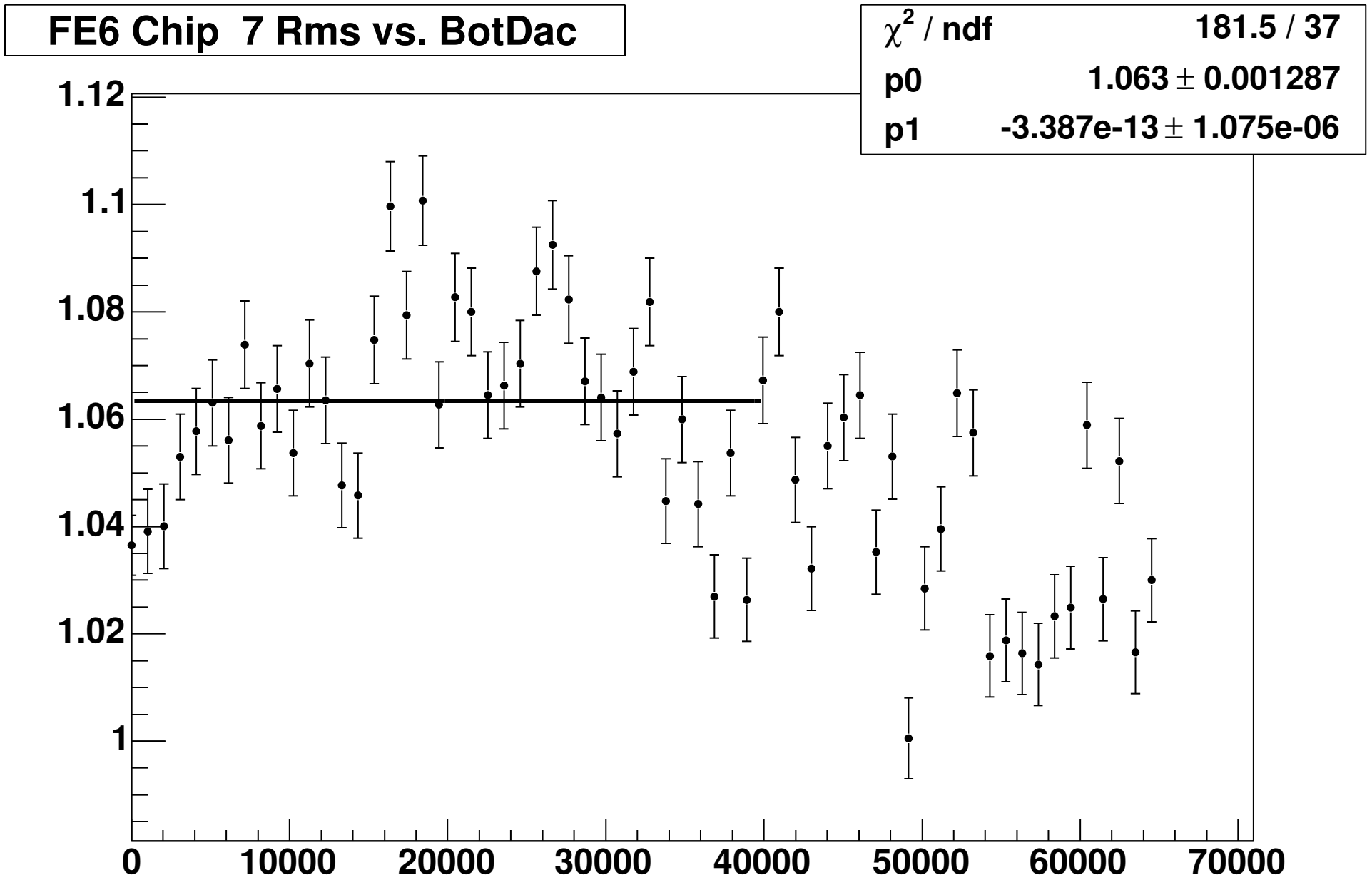
50000
60000
70000


FE6 Chip 7 Rms vs. BotDac
χ² / ndf 181.5 / 37
p0 1.063 ± 0.001287
p1 -3.387e-13 ± 1.075e-06
1.12
1.1
1.08
1.06
1.04
1.02
1
0
10000
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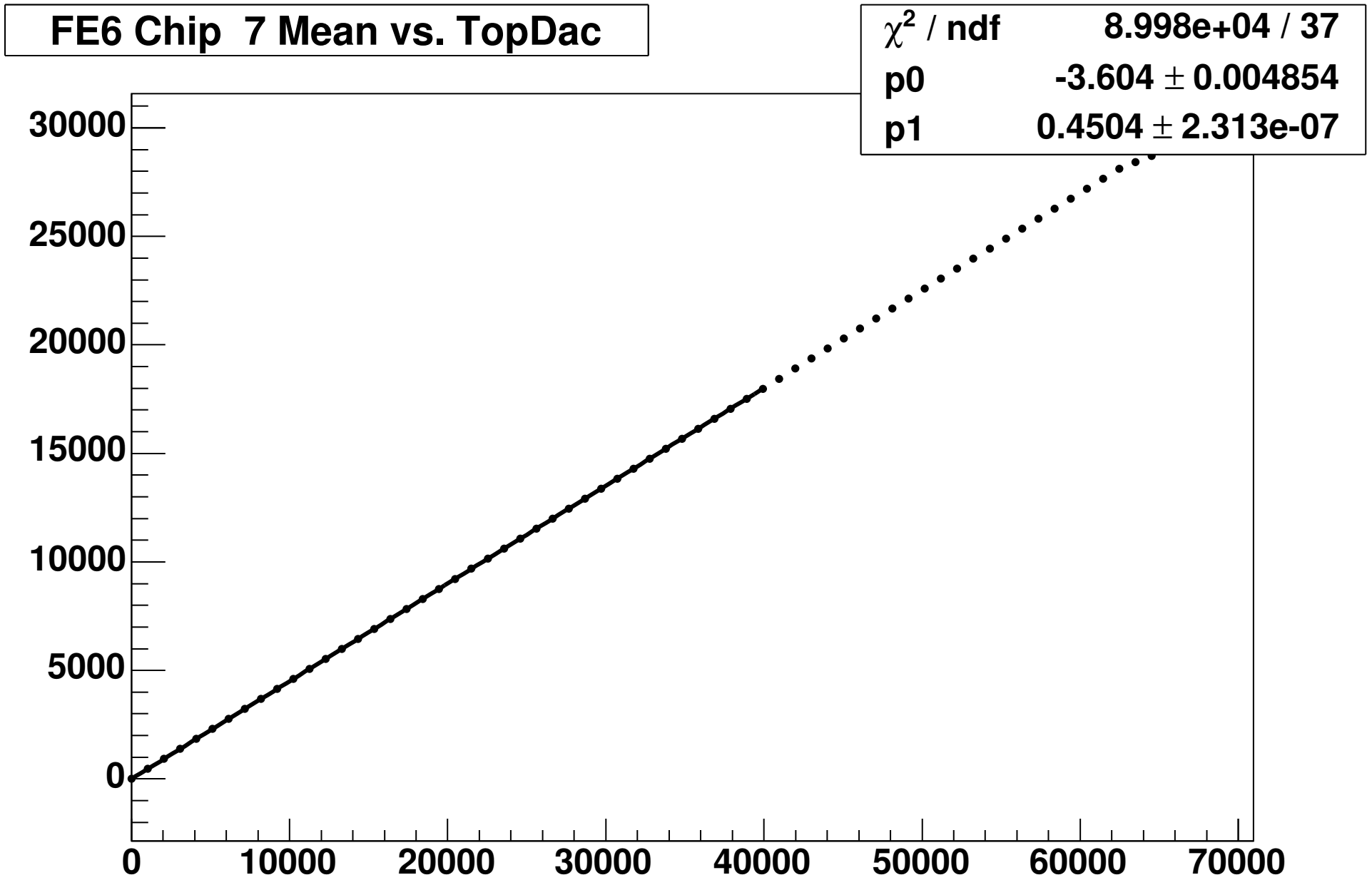
FE6 Chip 7 Mean vs. TopDac
χ² / ndf 8.998e+04 / 37
p0 -3.604 ± 0.004854
p1 0.4504 ± 2.313e-07
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25000
20000
15000
10000
5000
0
0
10000
20000
30000
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50000
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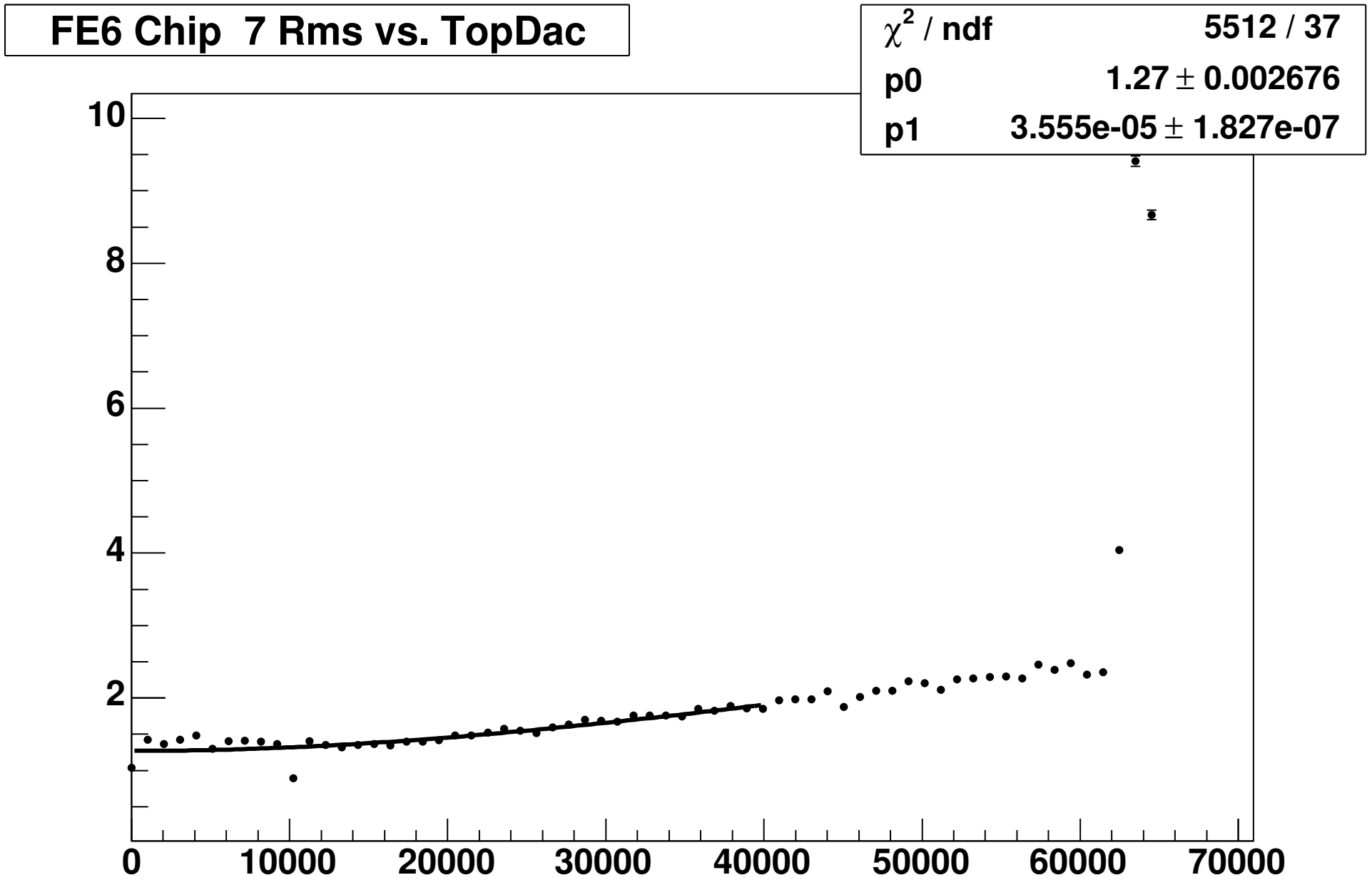
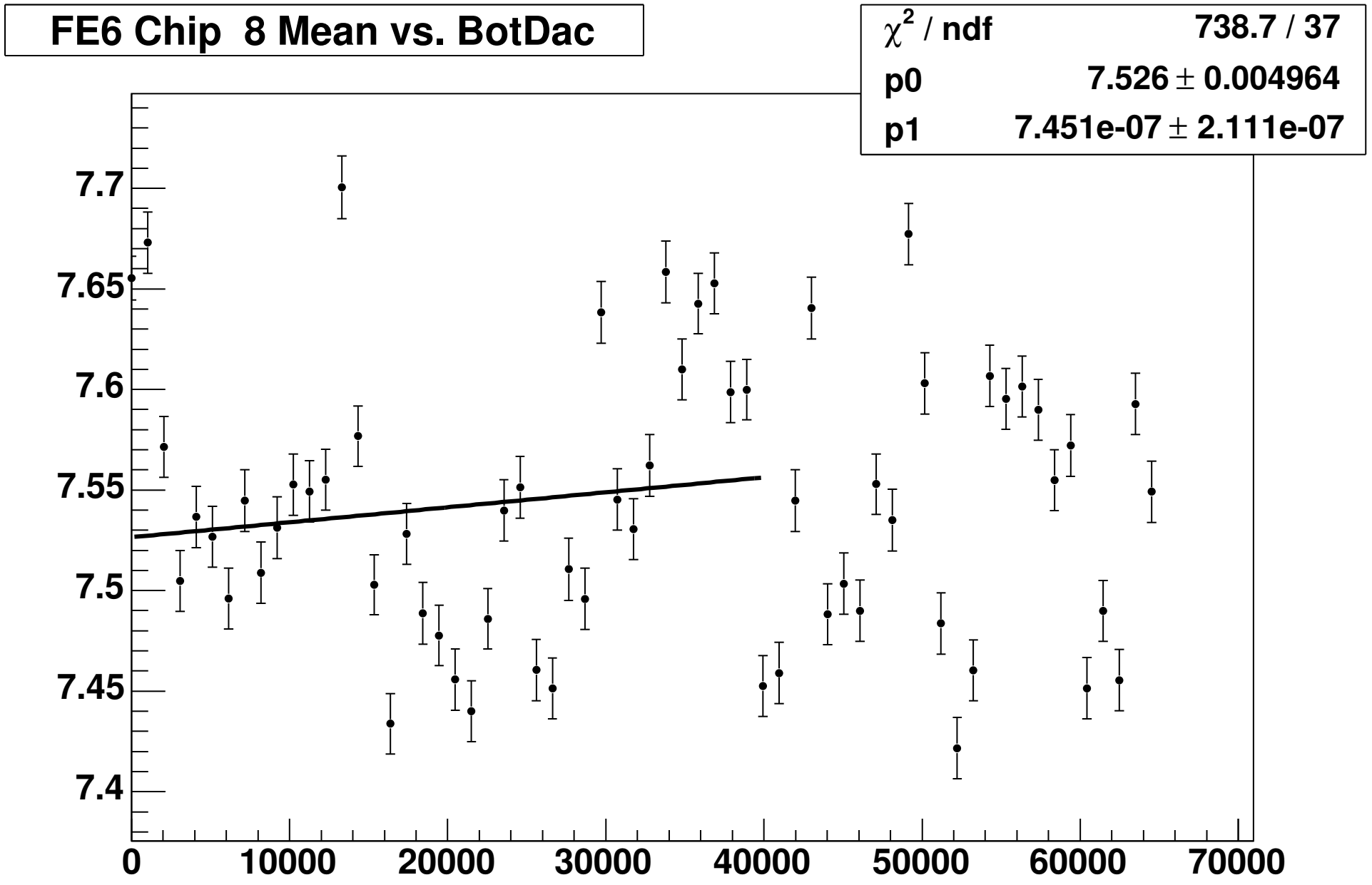
70000


FE6 Chip 7 Rms vs. TopDac
χ² / ndf 5512 / 37
p0 1.27 ± 0.002676
p1 3.555e-05 ± 1.827e-07
10
8
6
4
2
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 8 Mean vs. BotDac
χ² / ndf 738.7 / 37
p0 7.526 ± 0.004964
p1 7.451e-07 ± 2.111e-07
7.7
7.65
7.6
7.55
7.5
7.45
7.4
0
10000
20000
30000
40000
50000
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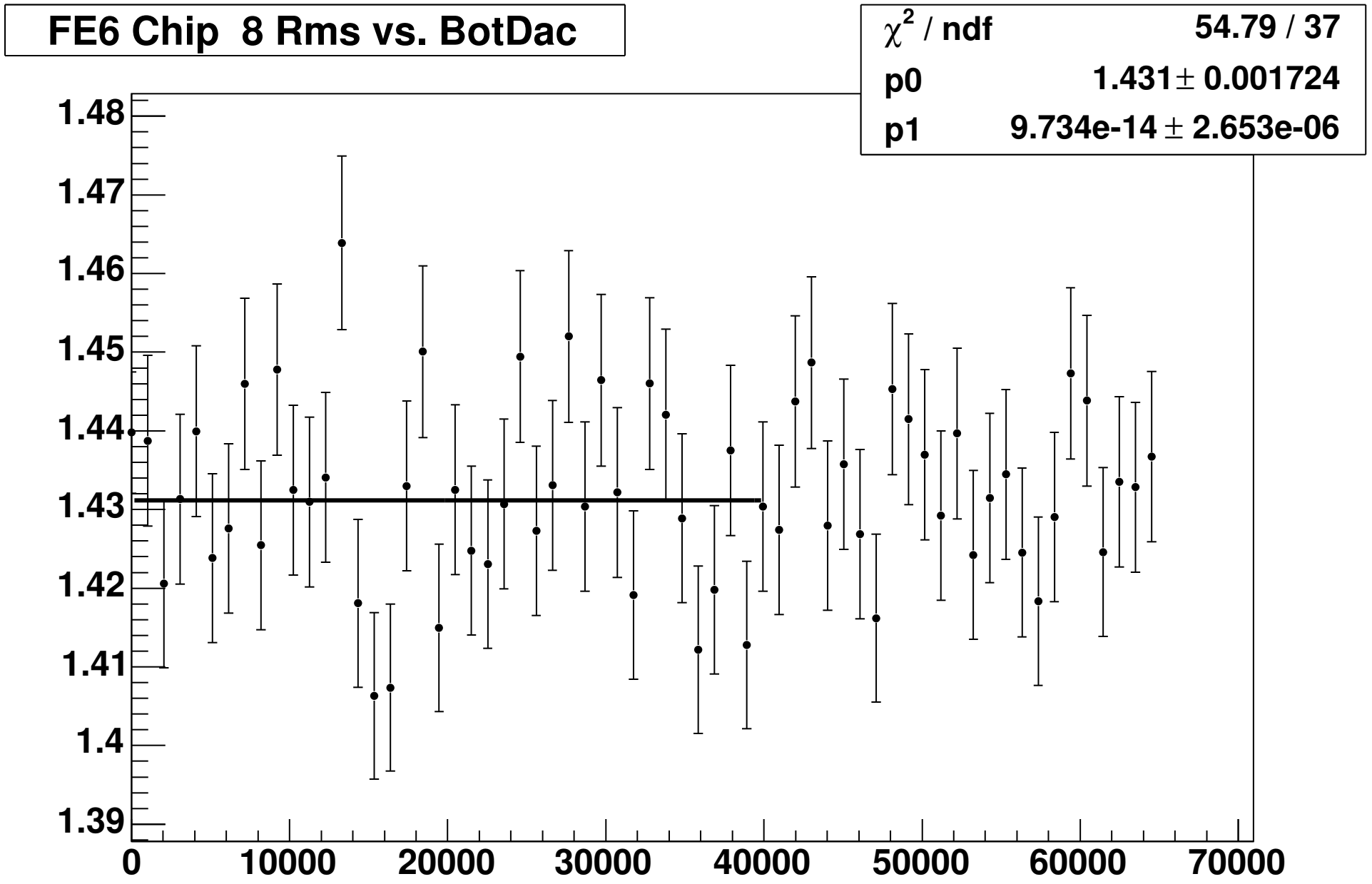
FE6 Chip 8 Rms vs. BotDac
χ² / ndf 54.79 / 37
p0 1.431 ± 0.001724
p1 9.734e-14 ± 2.653e-06
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
10000
20000
30000
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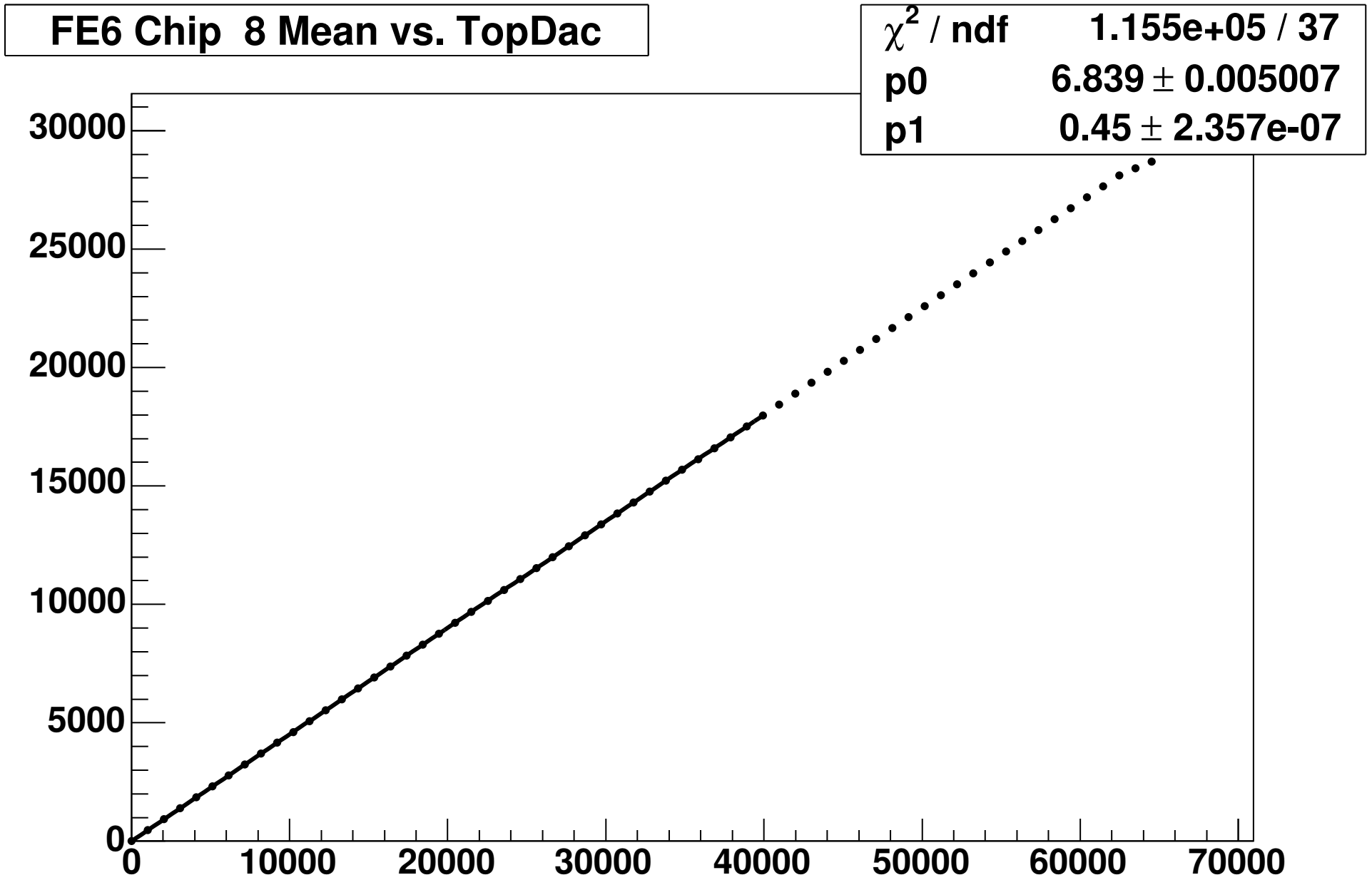
FE6 Chip 8 Mean vs. TopDac
χ^2 / ndf 1.155e+05 / 37
p0 6.839 ± 0.005007
p1 0.45 ± 2.357e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
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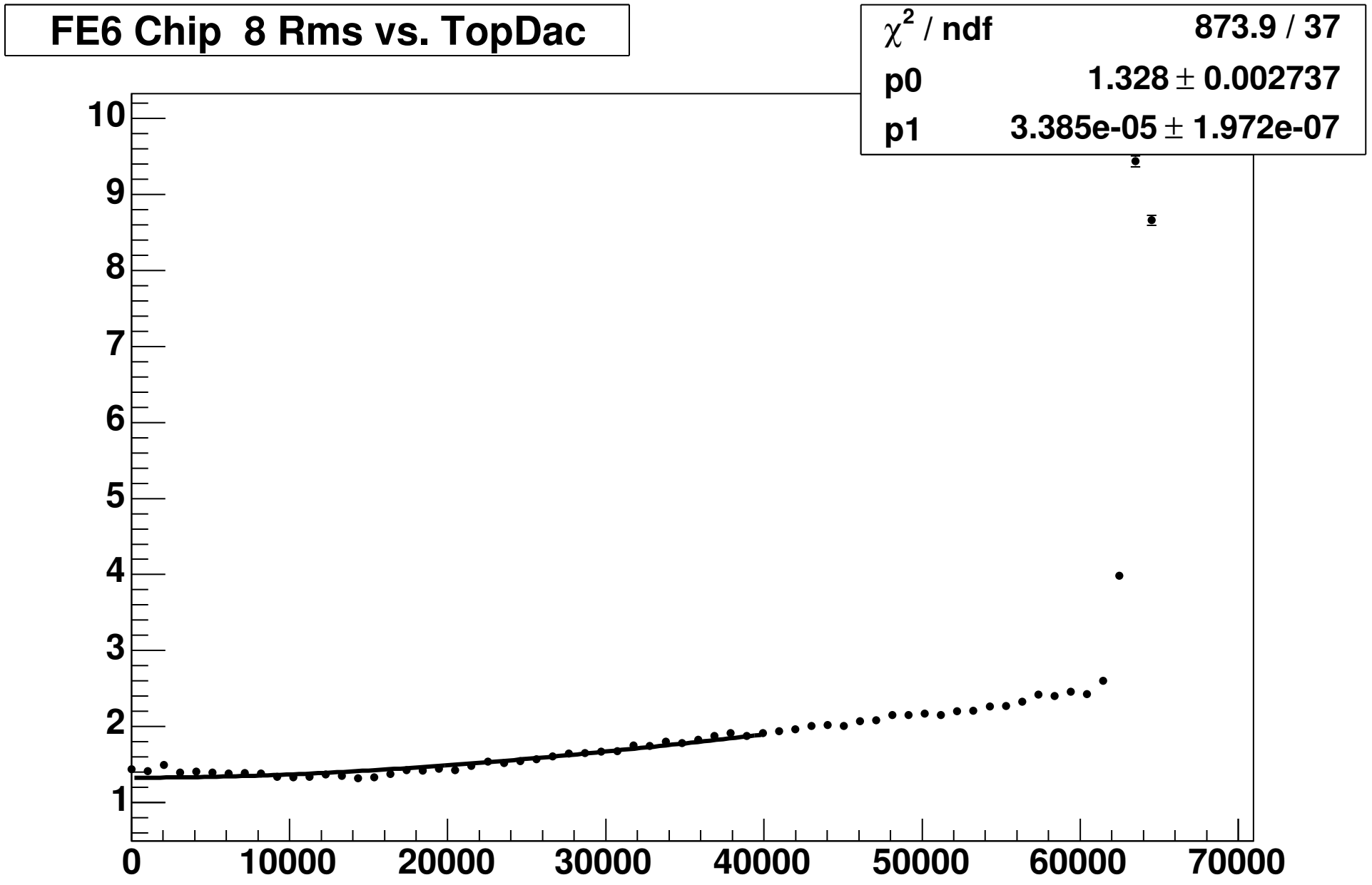
FE6 Chip 8 Rms vs. TopDac
χ² / ndf 873.9 / 37
p0 1.328 ± 0.002737
p1 3.385e-05 ± 1.972e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
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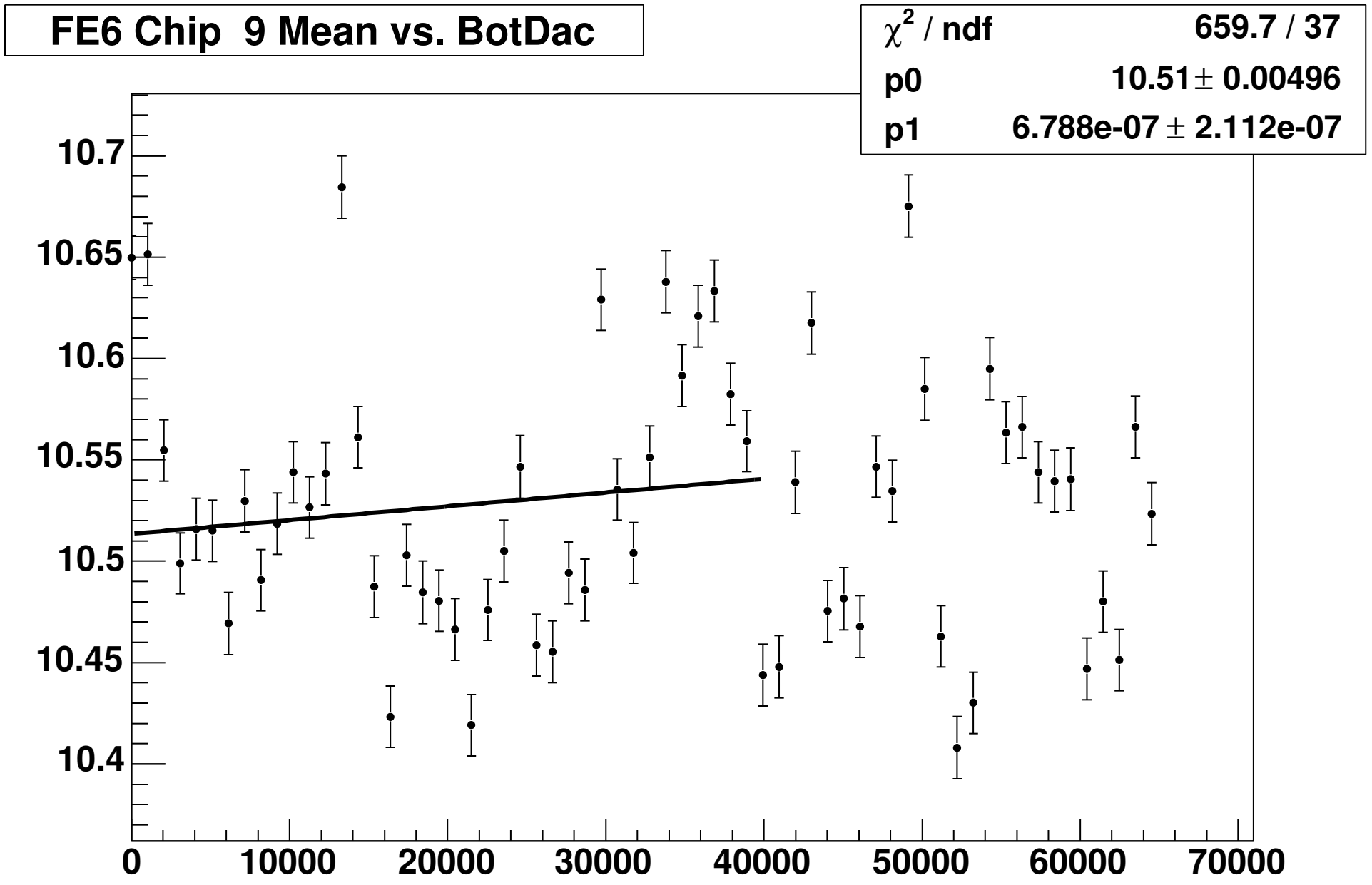
FE6 Chip 9 Mean vs. BotDac
χ² / ndf 659.7 / 37
p0 10.51 ± 0.00496
p1 6.788e-07 ± 2.112e-07
10.7
10.65
10.6
10.55
10.5
10.45
10.4
0
10000
20000
30000
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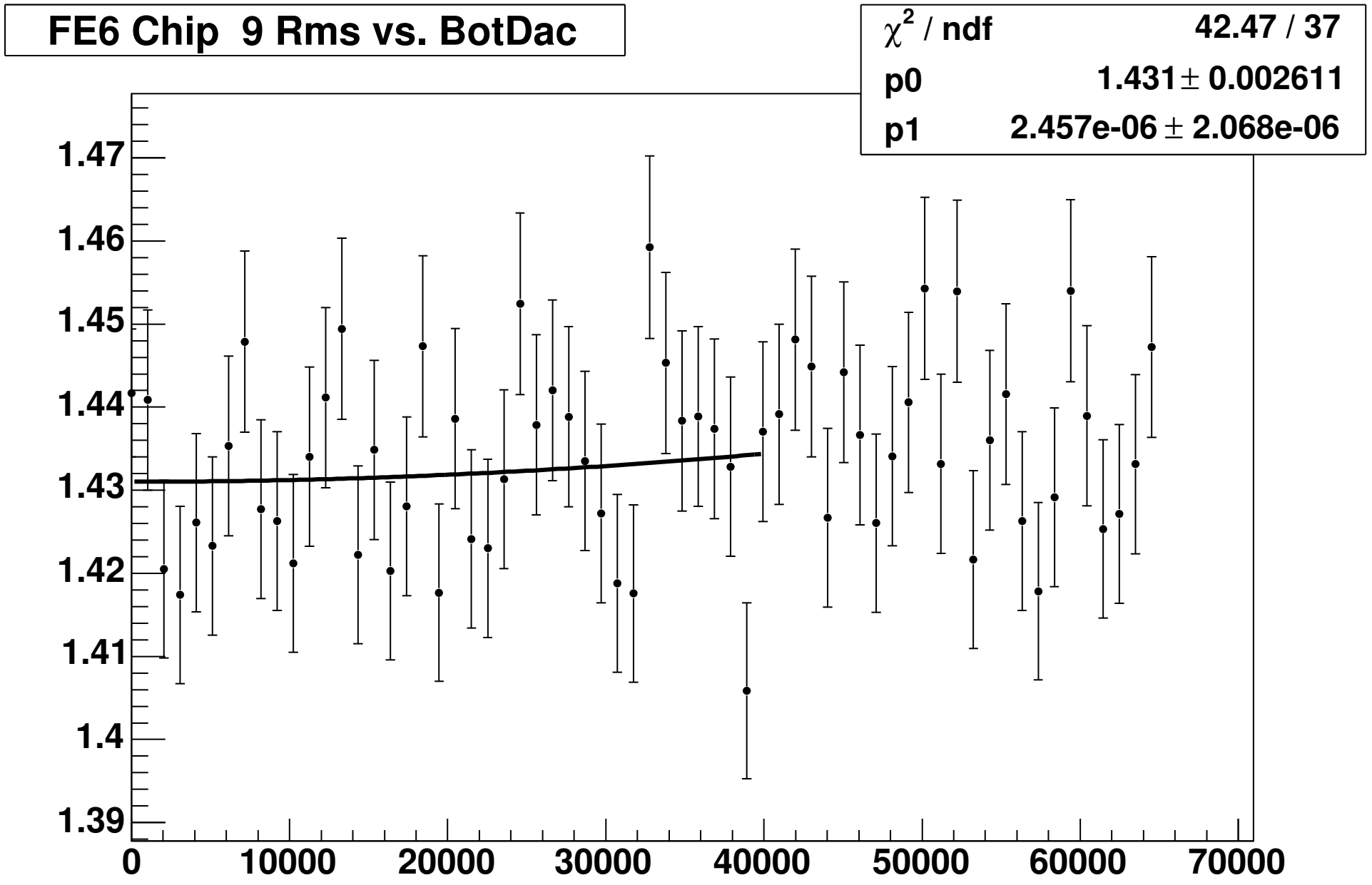
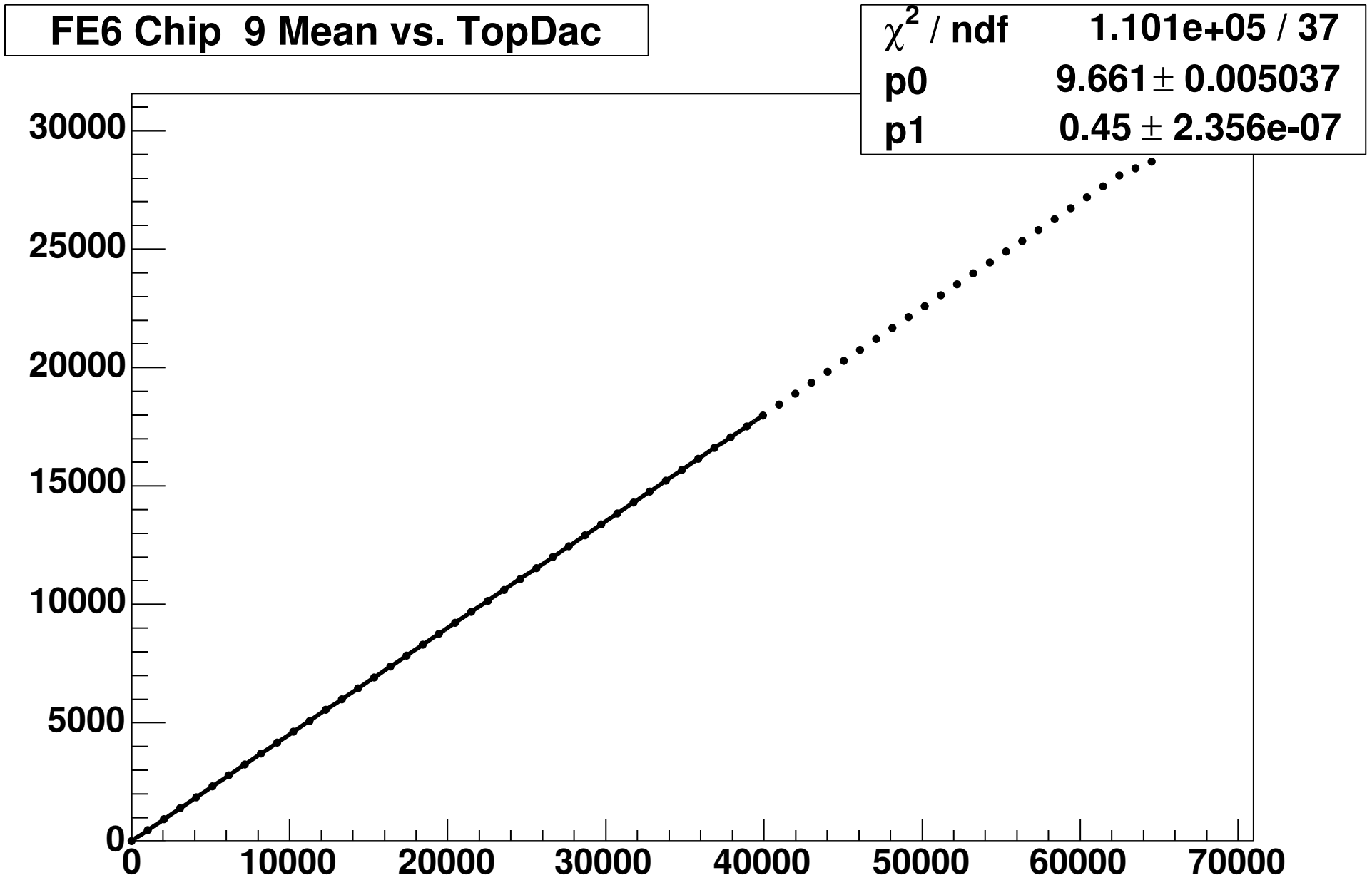
50000
60000
70000


FE6 Chip 9 Rms vs. BotDac
χ² / ndf 42.47 / 37
p0 1.431 ± 0.002611
p1 2.457e-06 ± 2.068e-06
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


FE6 Chip 9 Mean vs. TopDac
χ^2 / ndf 1.101e+05 / 37
p0 9.661 ± 0.005037
p1 0.45 ± 2.356e-07
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20000
15000
10000
5000
0
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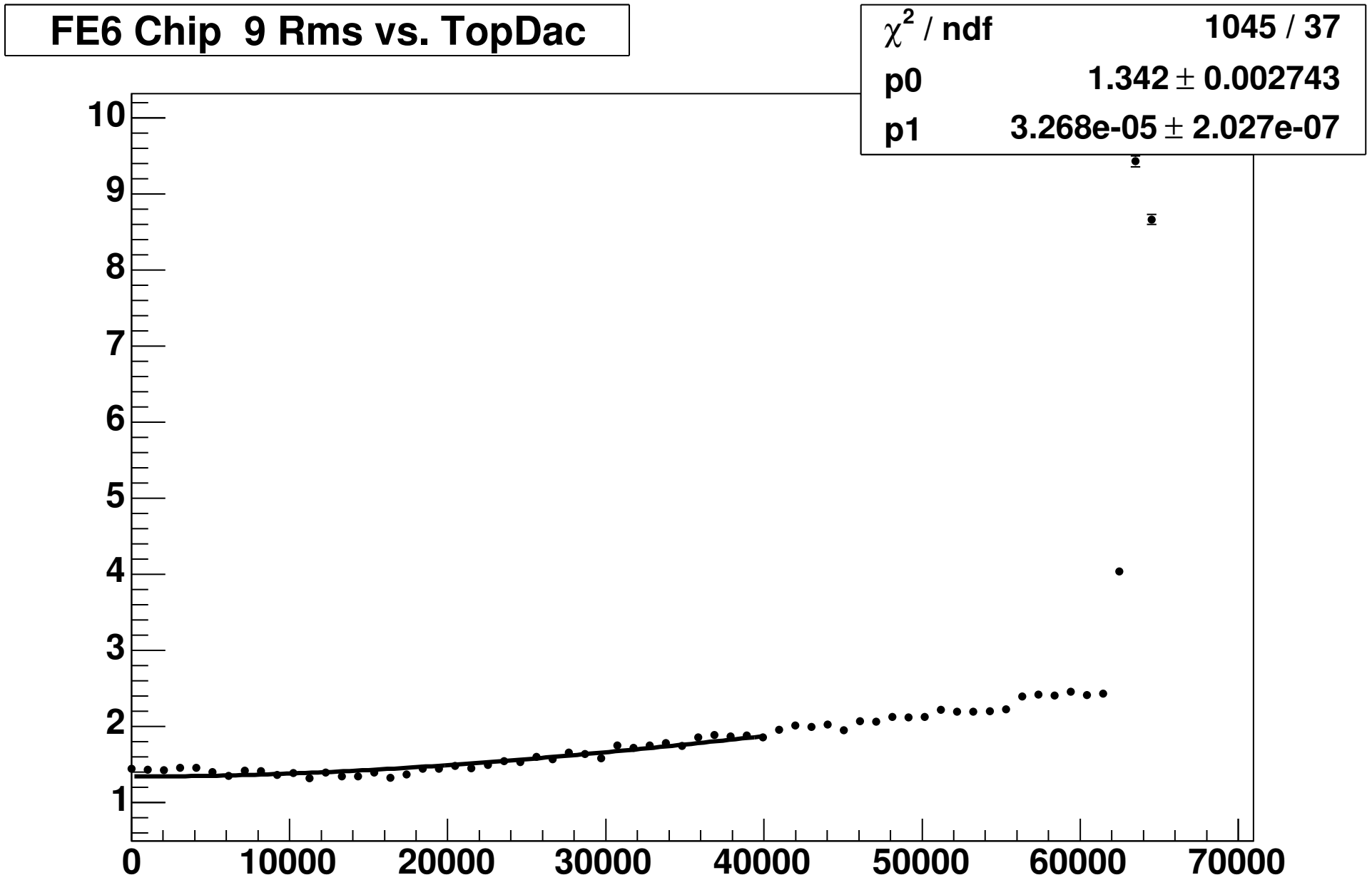
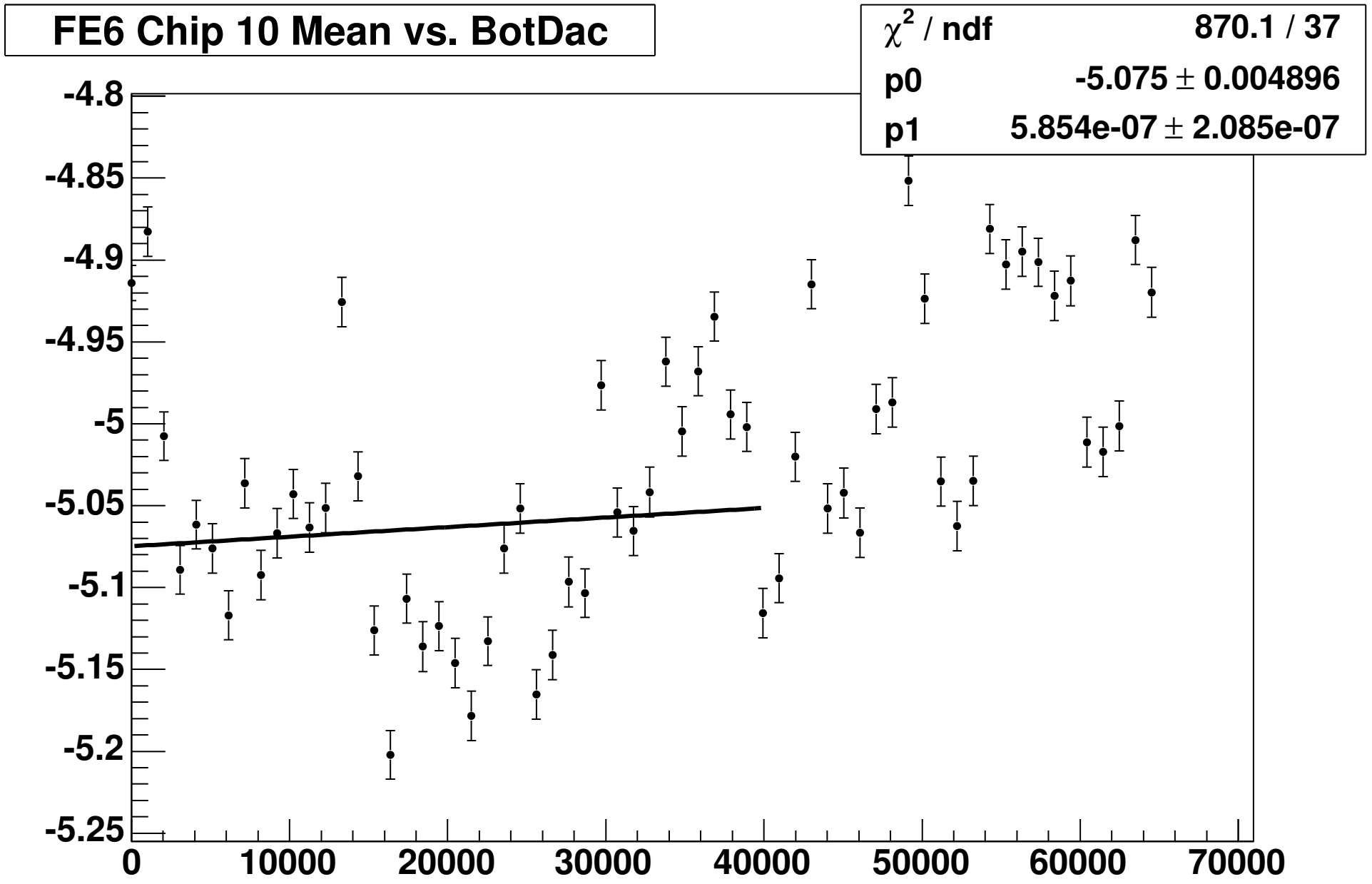
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 9 Rms vs. TopDac
χ² / ndf 1045 / 37
p0 1.342 ± 0.002743
p1 3.268e-05 ± 2.027e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 10 Mean vs. BotDac
χ² / ndf 870.1 / 37
p0 -5.075 ± 0.004896
p1 5.854e-07 ± 2.085e-07
-4.8
-4.85
-4.9
-4.95
-5
-5.05
-5.1
-5.15
-5.2
-5.25
0
10000
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30000
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50000
60000
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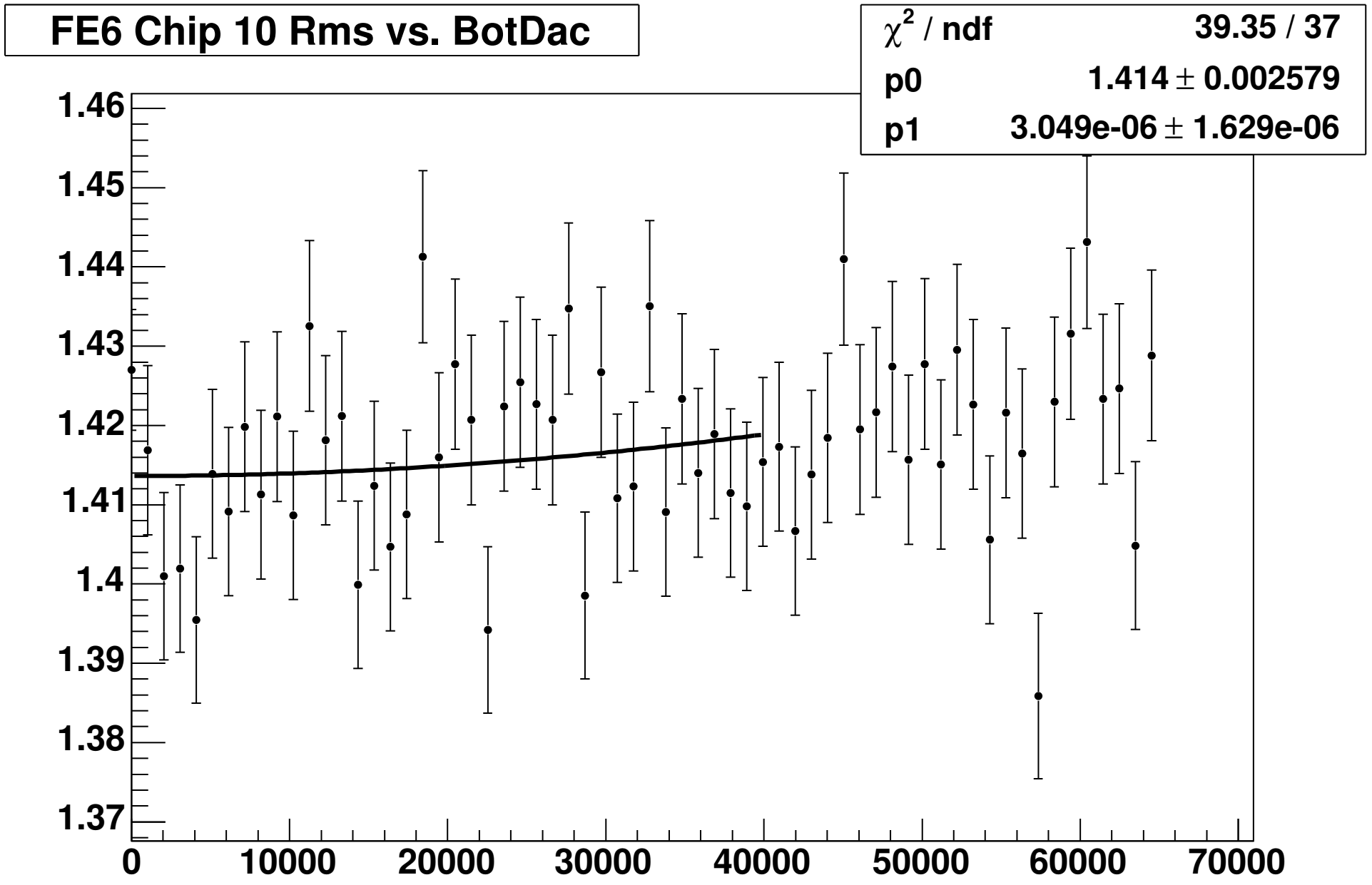
FE6 Chip 10 Rms vs. BotDac
χ² / ndf 39.35 / 37
p0 1.414 ± 0.002579
p1 3.049e-06 ± 1.629e-06
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
1.37
0
10000
20000
30000
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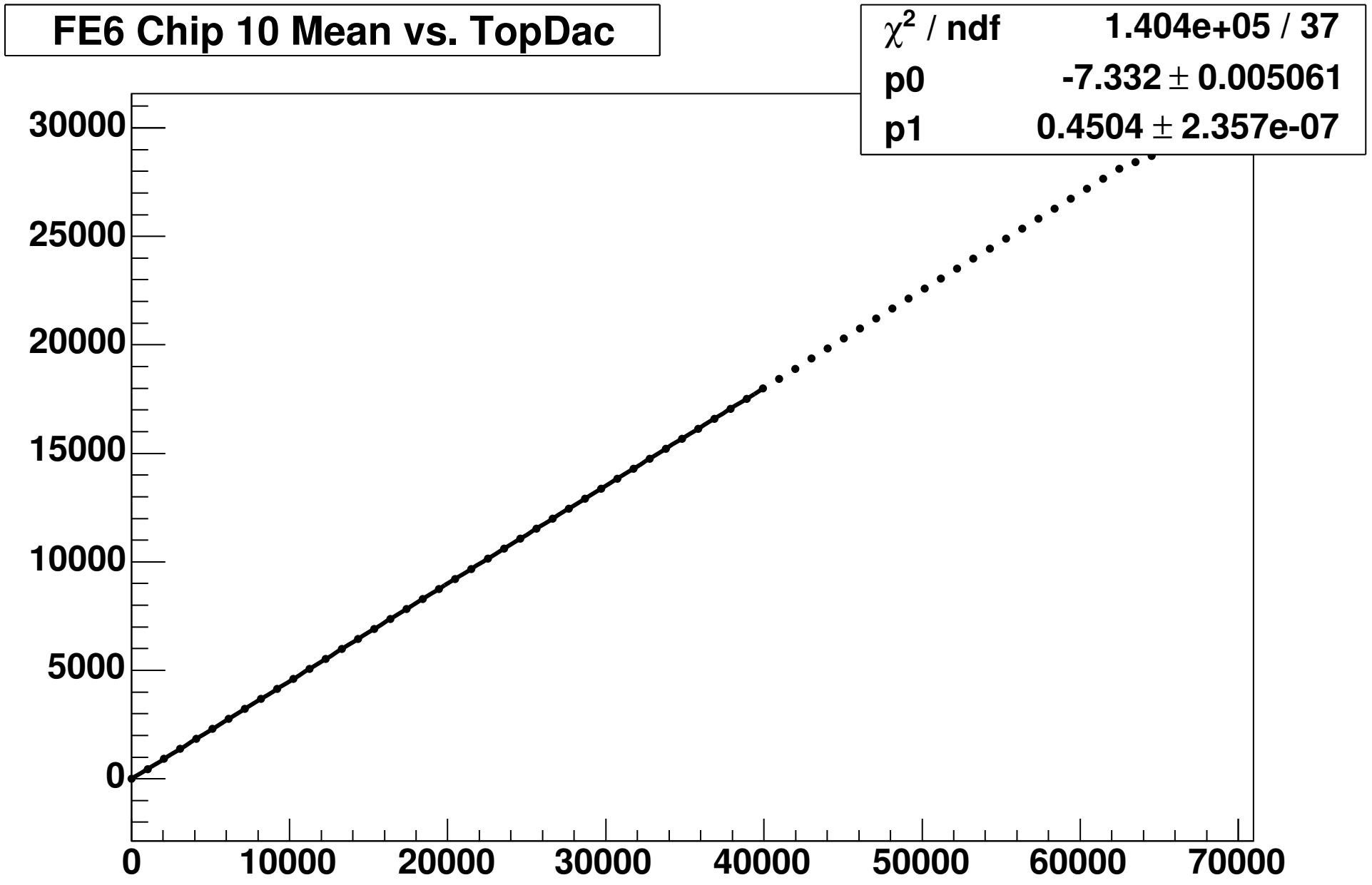
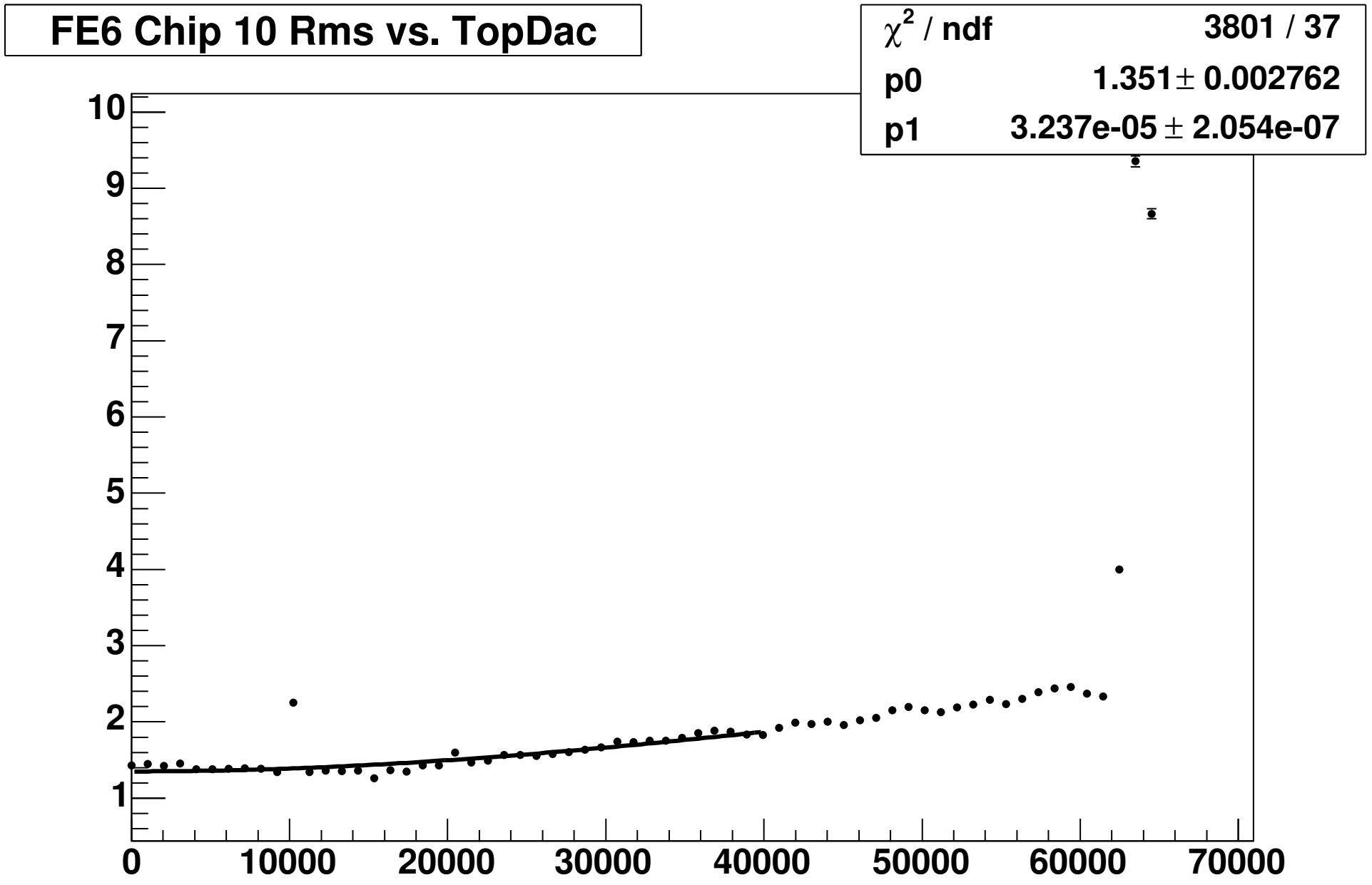
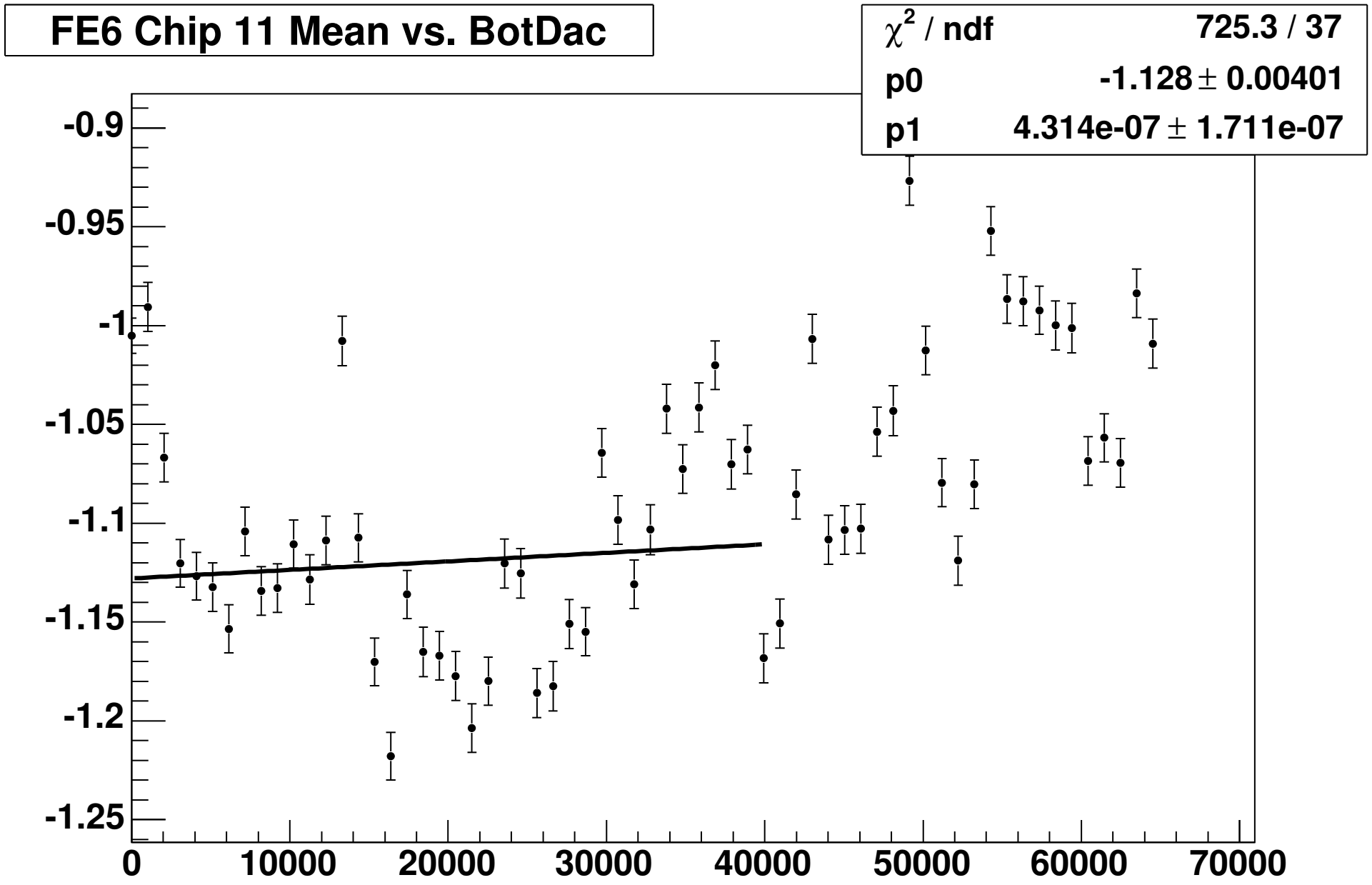

FE6 Chip 10 Mean vs. TopDac
χ² / ndf 1.404e+05 / 37
p0 -7.332 ± 0.005061
p1 0.4504 ± 2.357e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE6 Chip 10 Rms vs. TopDac
χ² / ndf 3801 / 37
p0 1.351 ± 0.002762
p1 3.237e-05 ± 2.054e-07
10
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 725.3 / 37
p0 -1.128 ± 0.00401
p1 4.314e-07 ± 1.711e-07
-0.9
-0.95
-1
-1.05
-1.1
-1.15
-1.2
-1.25
0
10000
20000
30000
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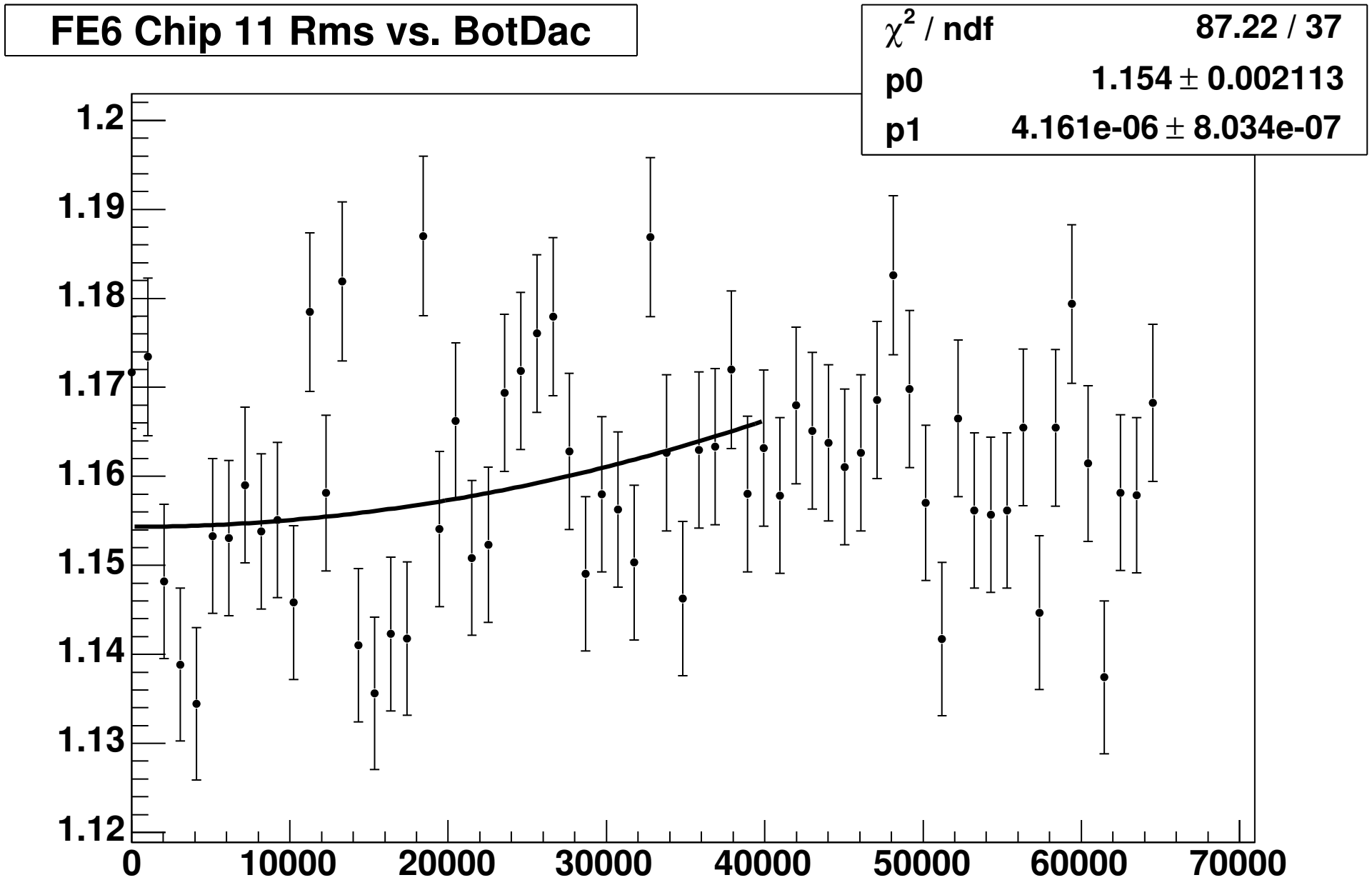
FE6 Chip 11 Rms vs. BotDac
χ² / ndf 87.22 / 37
p0 1.154 ± 0.002113
p1 4.161e-06 ± 8.034e-07
1.2
1.19
1.18
1.17
1.16
1.15
1.14
1.13
1.12
0
10000
20000
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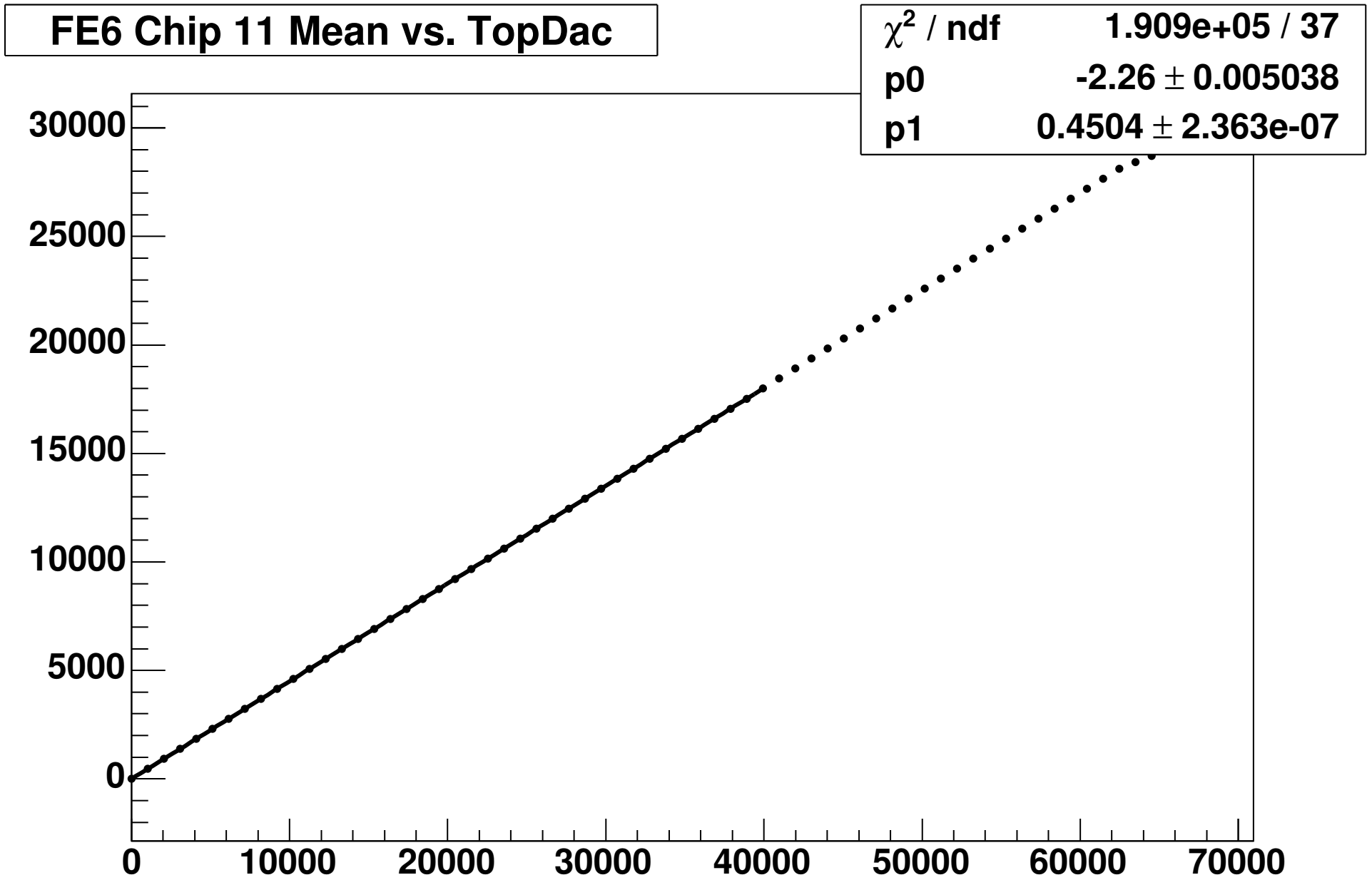
50000
60000
70000


FE6 Chip 11 Mean vs. TopDac
χ² / ndf 1.909e+05 / 37
p0 -2.26 ± 0.005038
p1 0.4504 ± 2.363e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
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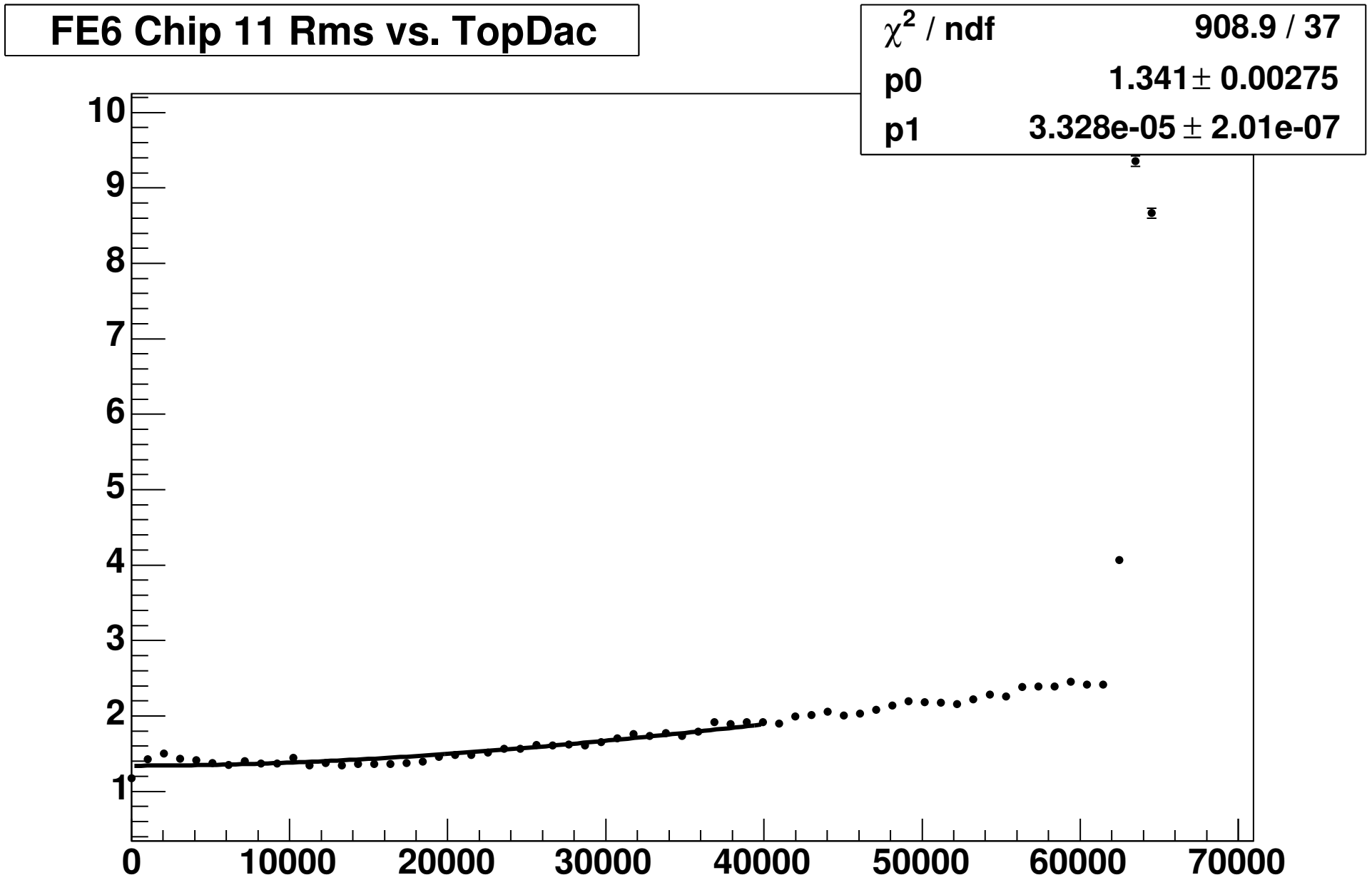
40000
50000
60000
70000


FE6 Chip 11 Rms vs. TopDac
χ² / ndf 908.9 / 37
p0 1.341 ± 0.00275
p1 3.328e-05 ± 2.01e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
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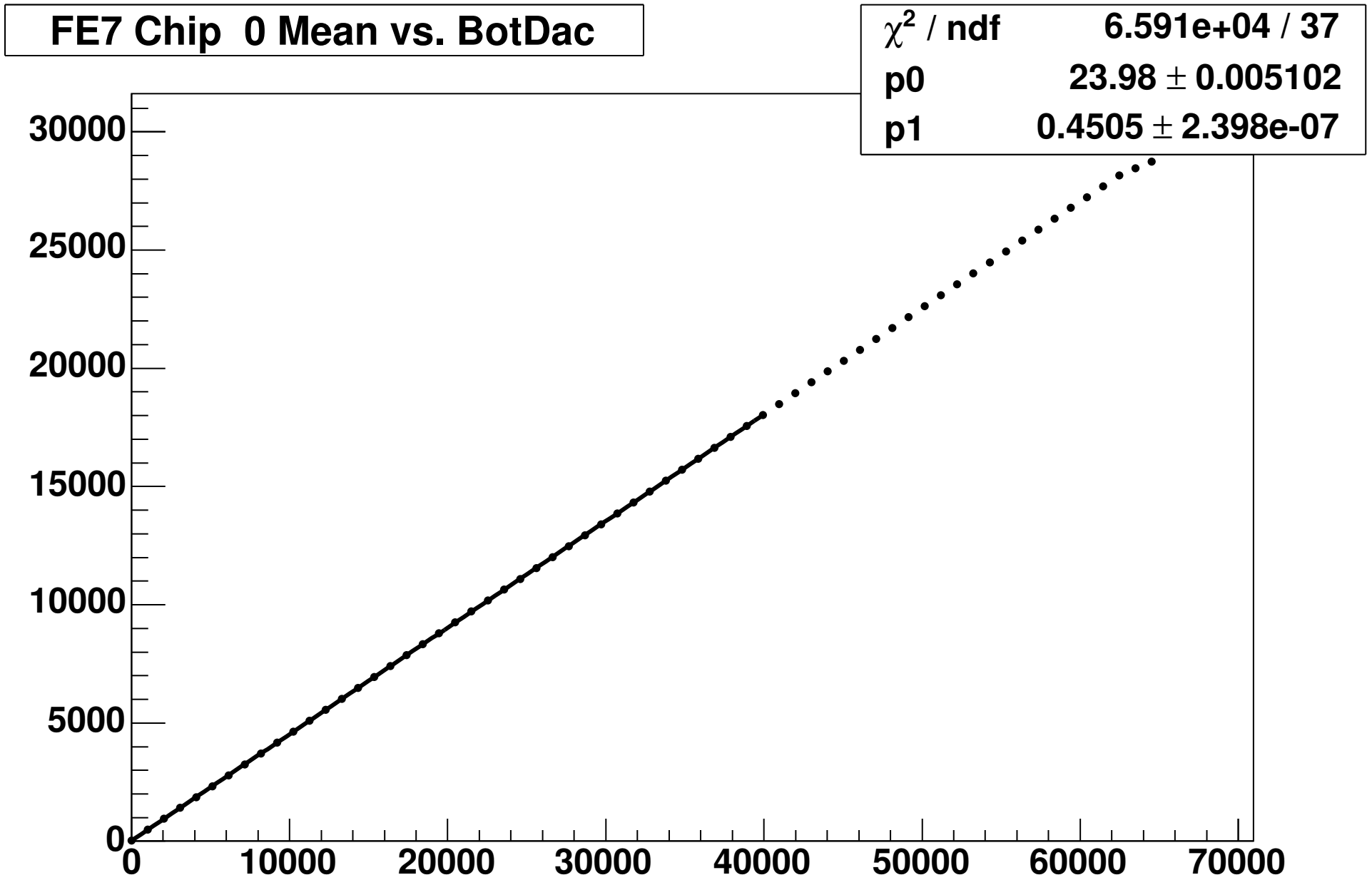
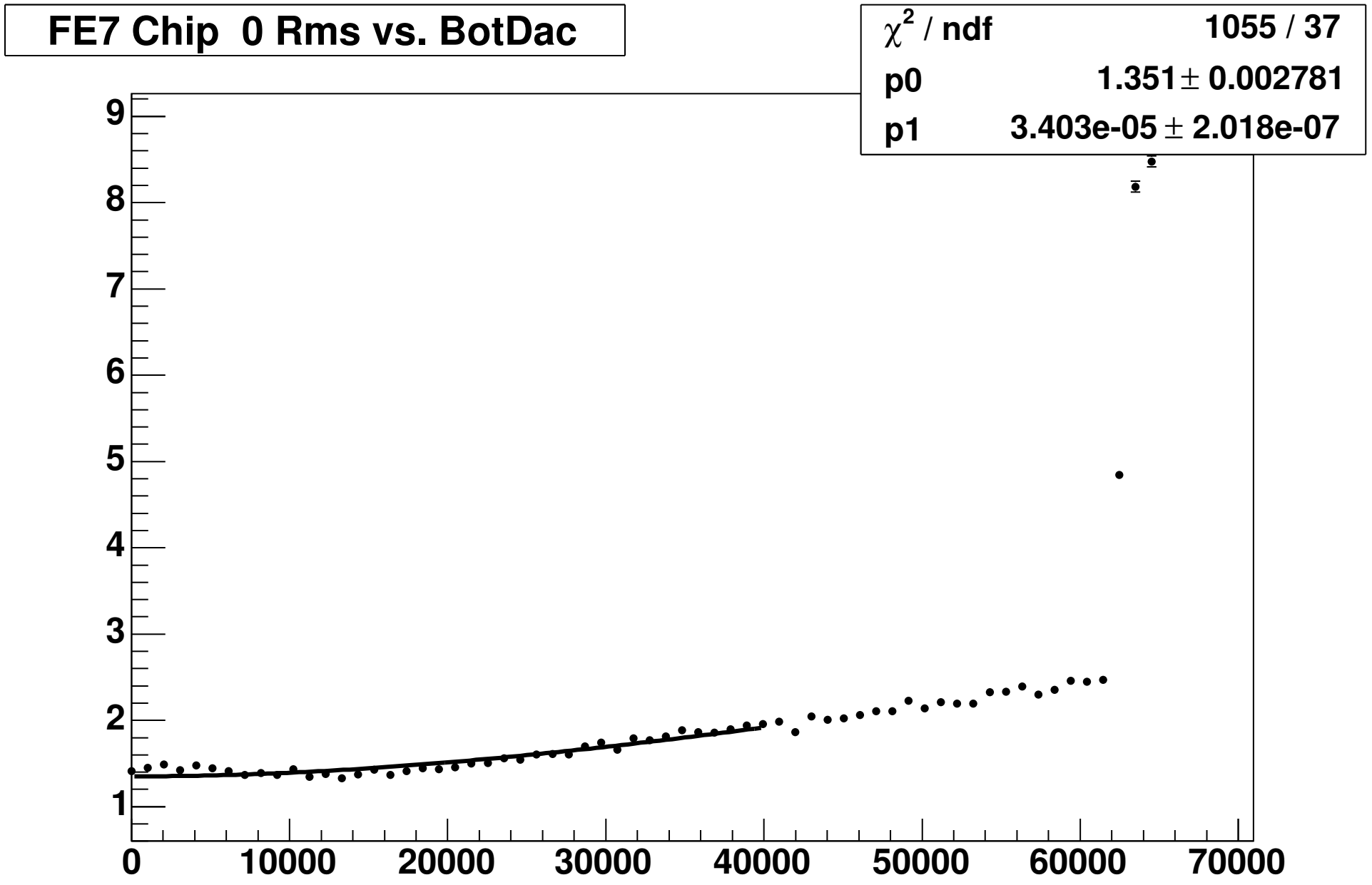

FE7 Chip 0 Mean vs. BotDac
χ² / ndf 6.591e+04 / 37
p0 23.98 ± 0.005102
p1 0.4505 ± 2.398e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 0 Rms vs. BotDac
χ² / ndf 1055 / 37
p0 1.351 ± 0.002781
p1 3.403e-05 ± 2.018e-07
9
8
7
6
5
4
3
2
1
0
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30000
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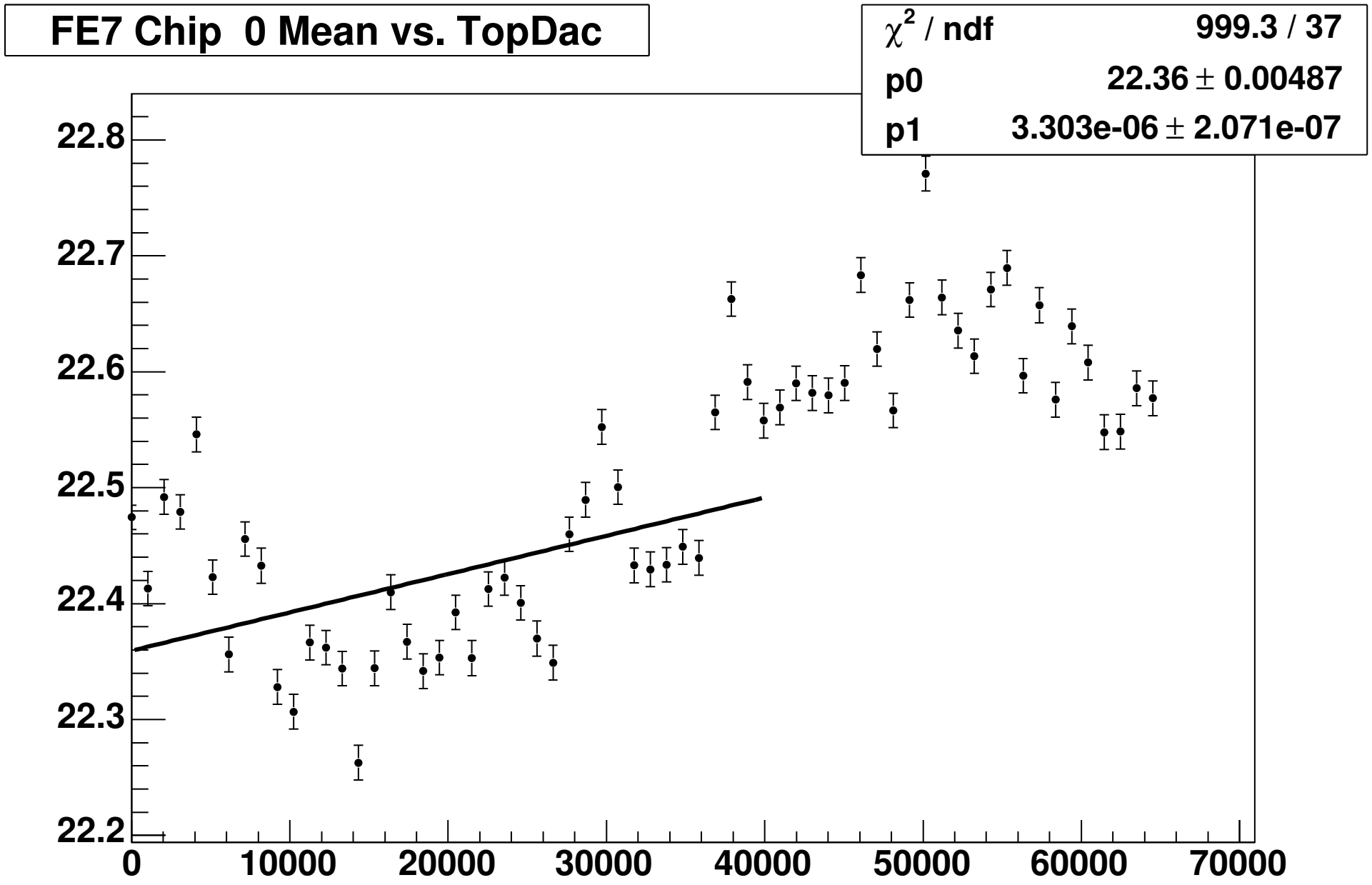
FE7 Chip 0 Mean vs. TopDac
χ² / ndf 999.3 / 37
p0 22.36 ± 0.00487
p1 3.303e-06 ± 2.071e-07
22.8
22.7
22.6
22.5
22.4
22.3
22.2
0
10000
20000
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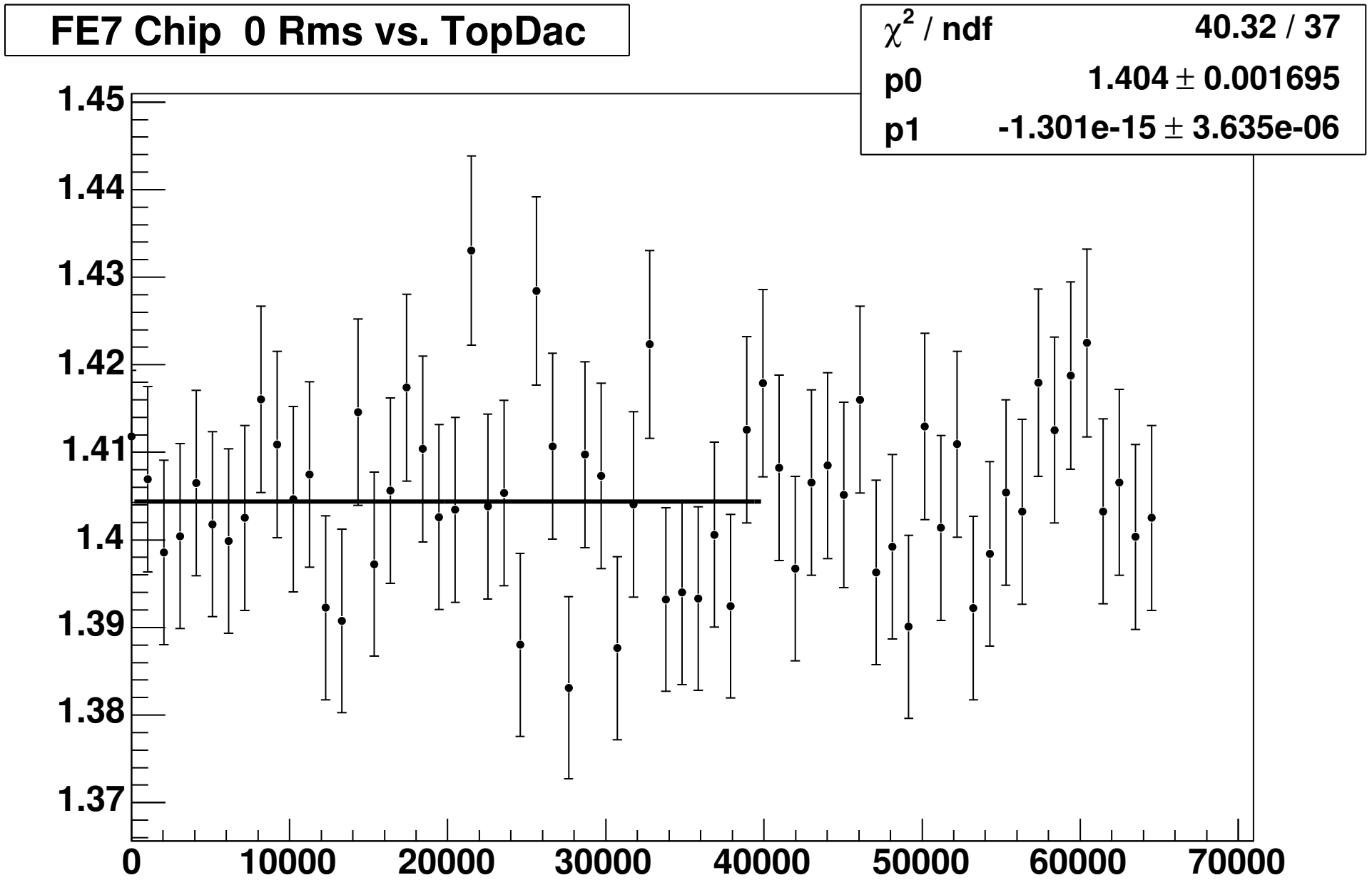
70000


FE7 Chip 0 Rms vs. TopDac
χ² / ndf 40.32 / 37
p0 1.404 ± 0.001695
p1 -1.301e-15 ± 3.635e-06
1.45
1.44
1.43
1.42
1.41
1.4
1.39
1.38
1.37
0
10000
20000
30000
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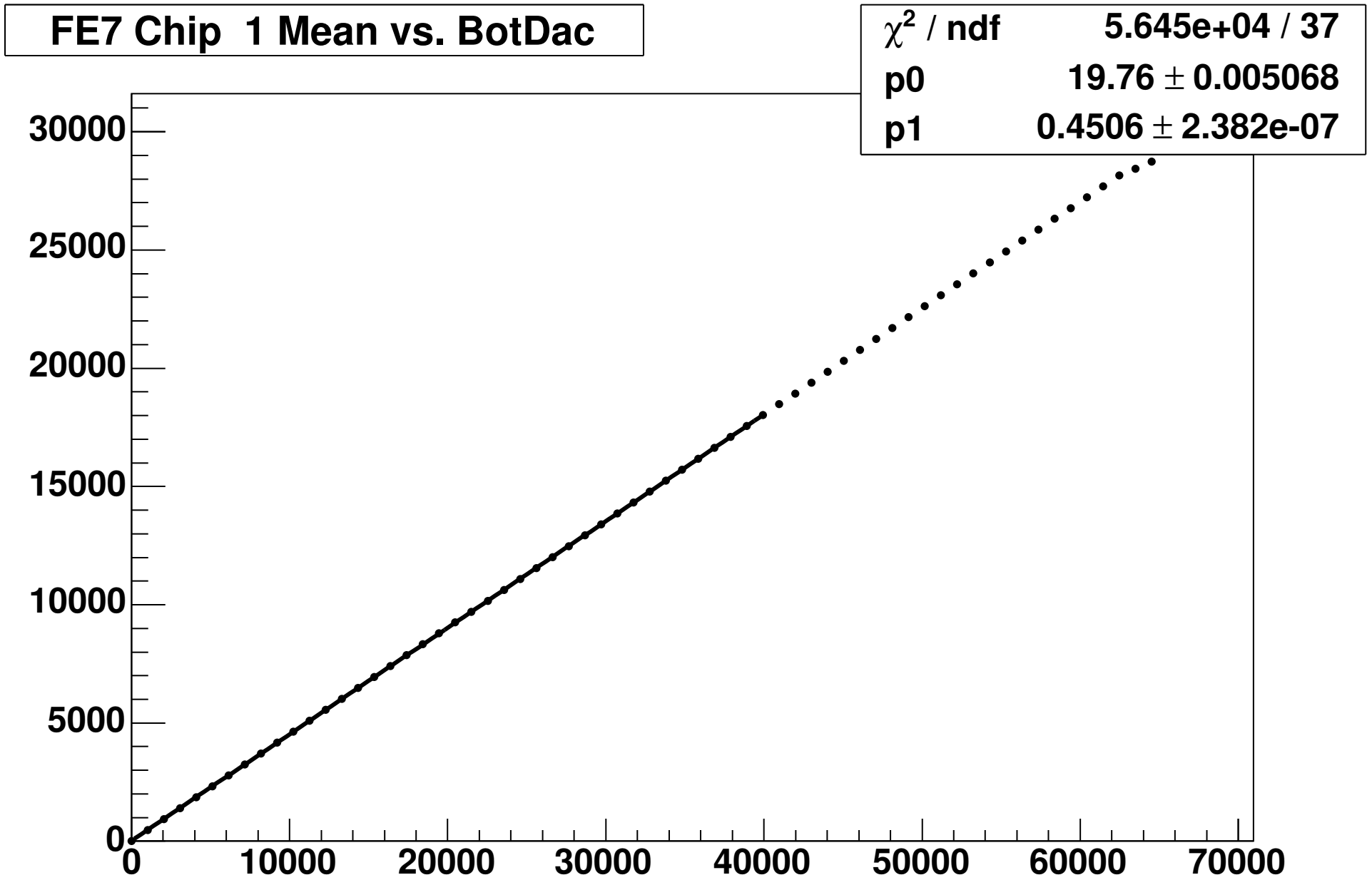
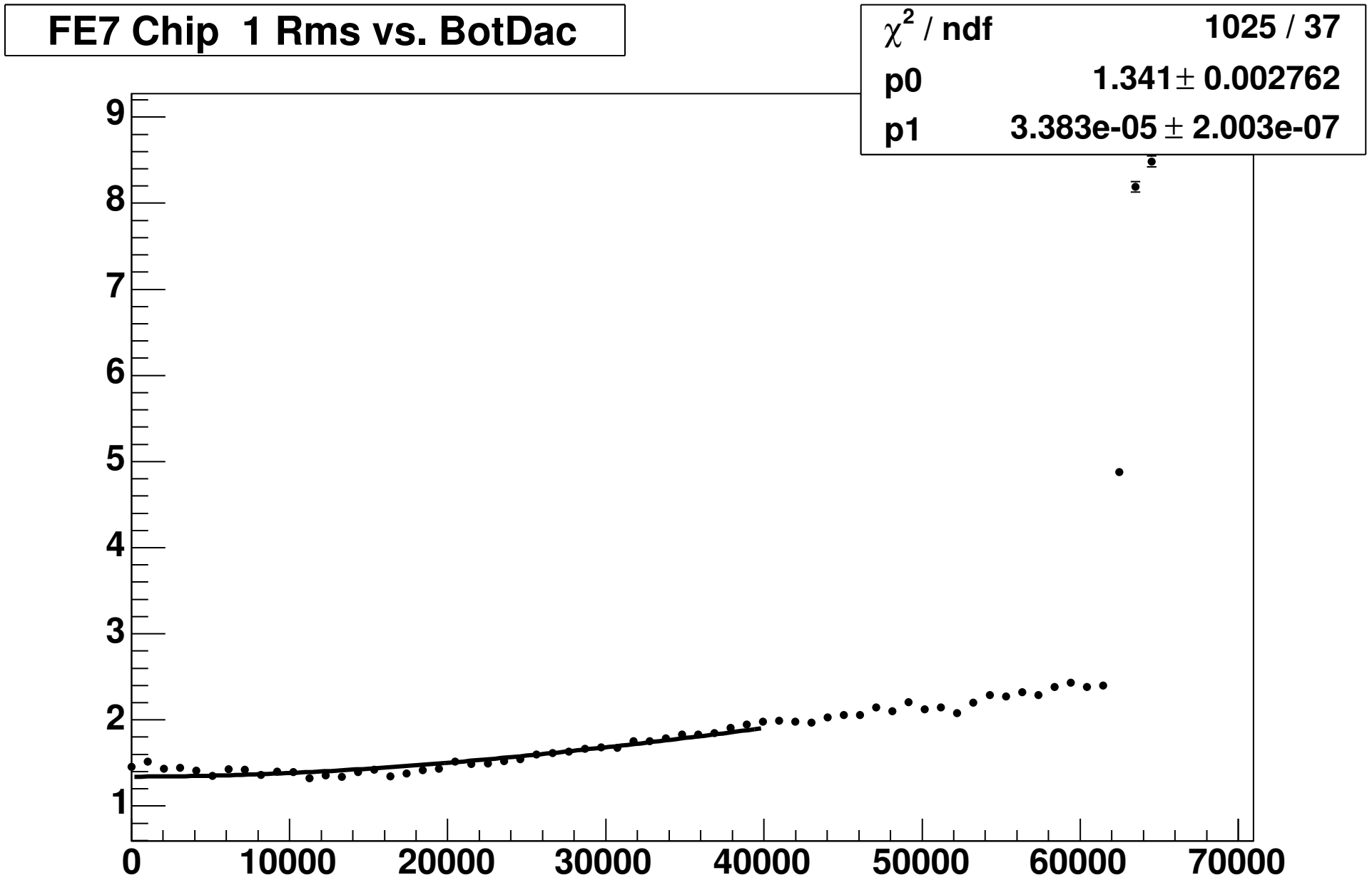

FE7 Chip 1 Mean vs. BotDac
χ² / ndf 5.645e+04 / 37
p0 19.76 ± 0.005068
p1 0.4506 ± 2.382e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 1 Rms vs. BotDac
χ² / ndf 1025 / 37
p0 1.341 ± 0.002762
p1 3.383e-05 ± 2.003e-07
9
8
7
6
5
4
3
2
1
0
10000
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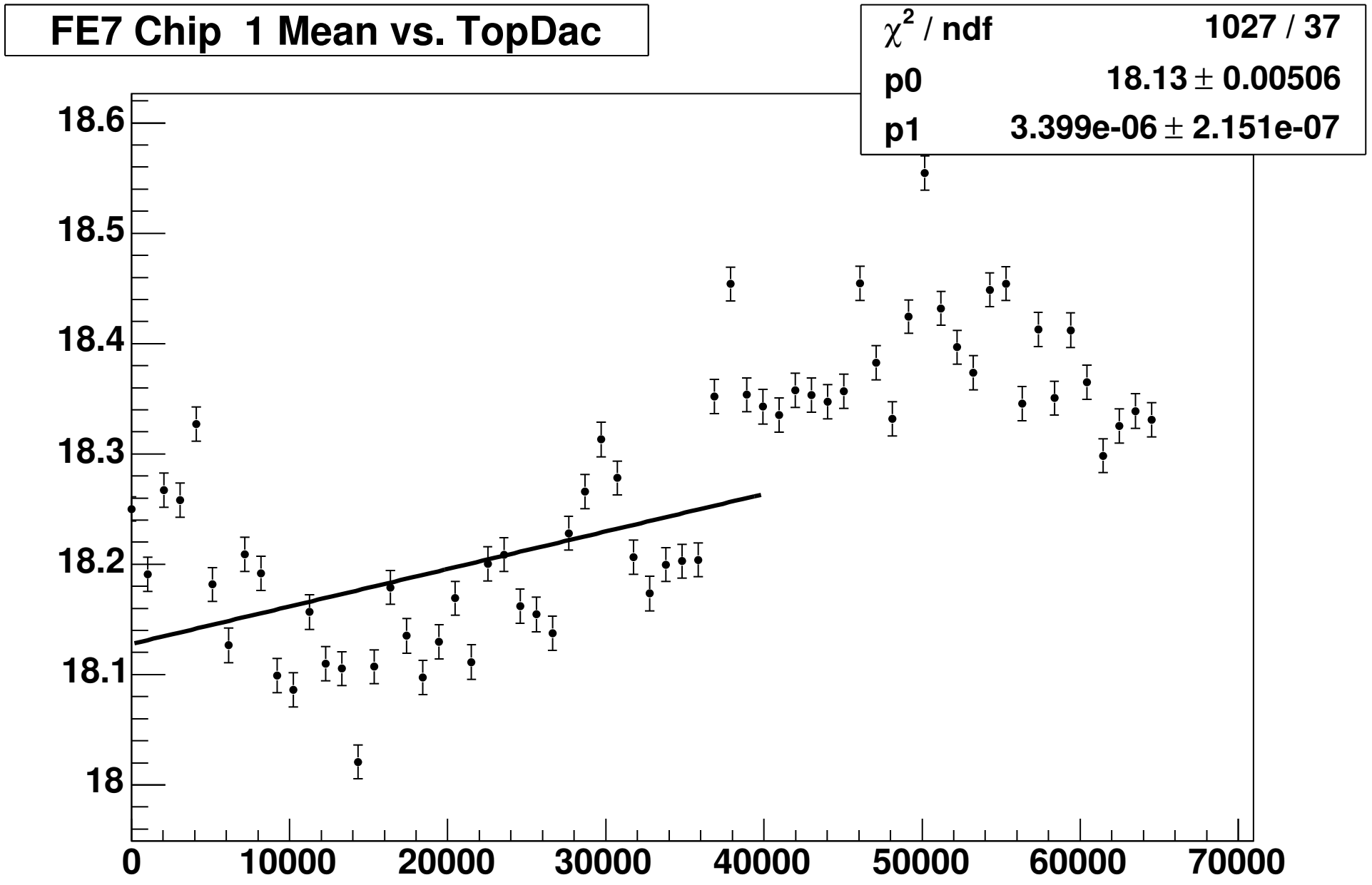
FE7 Chip 1 Mean vs. TopDac
χ² / ndf 1027 / 37
p0 18.13 ± 0.00506
p1 3.399e-06 ± 2.151e-07
18.6
18.5
18.4
18.3
18.2
18.1
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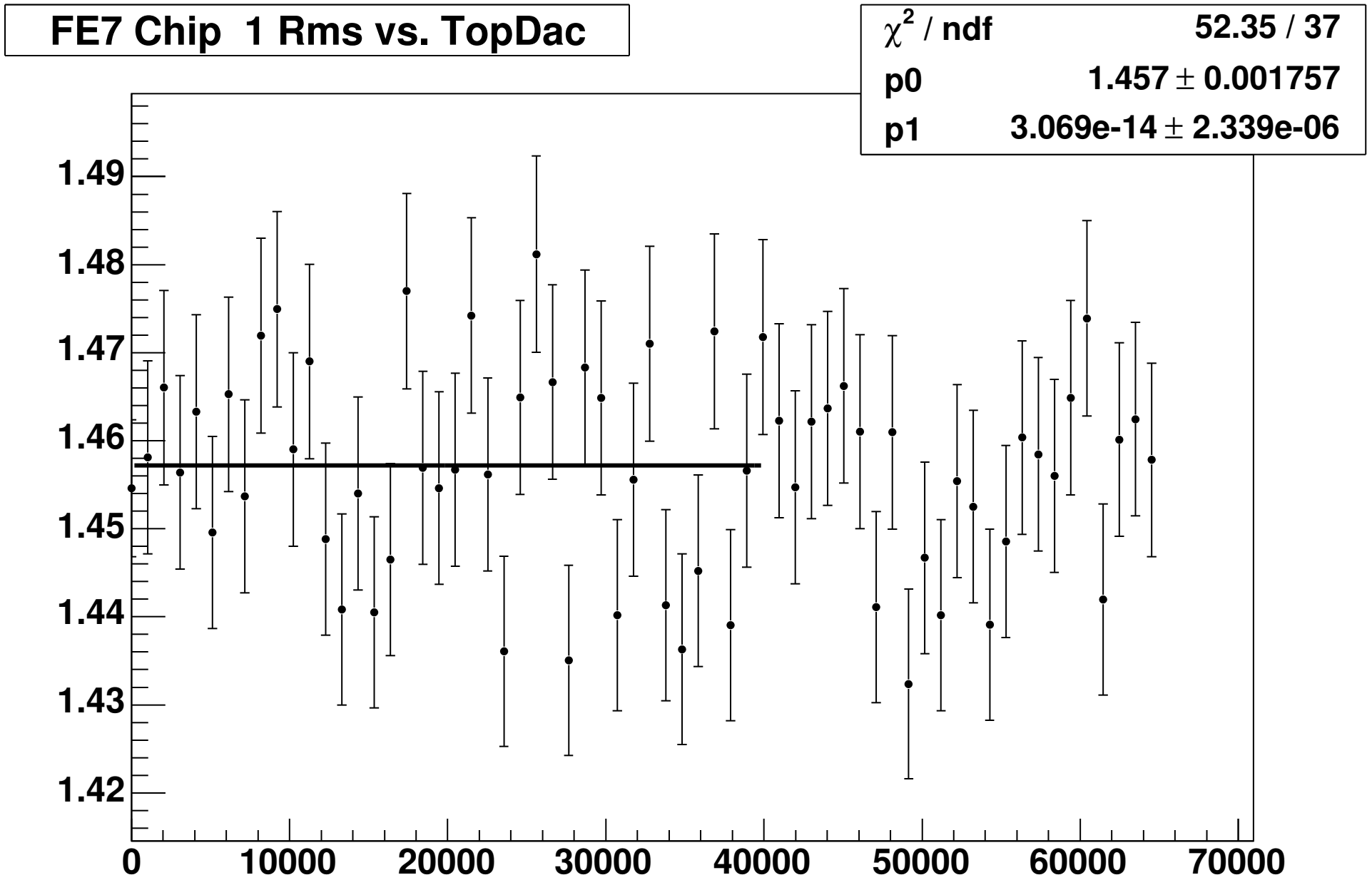
FE7 Chip 1 Rms vs. TopDac
χ² / ndf 52.35 / 37
p0 1.457 ± 0.001757
p1 3.069e-14 ± 2.339e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
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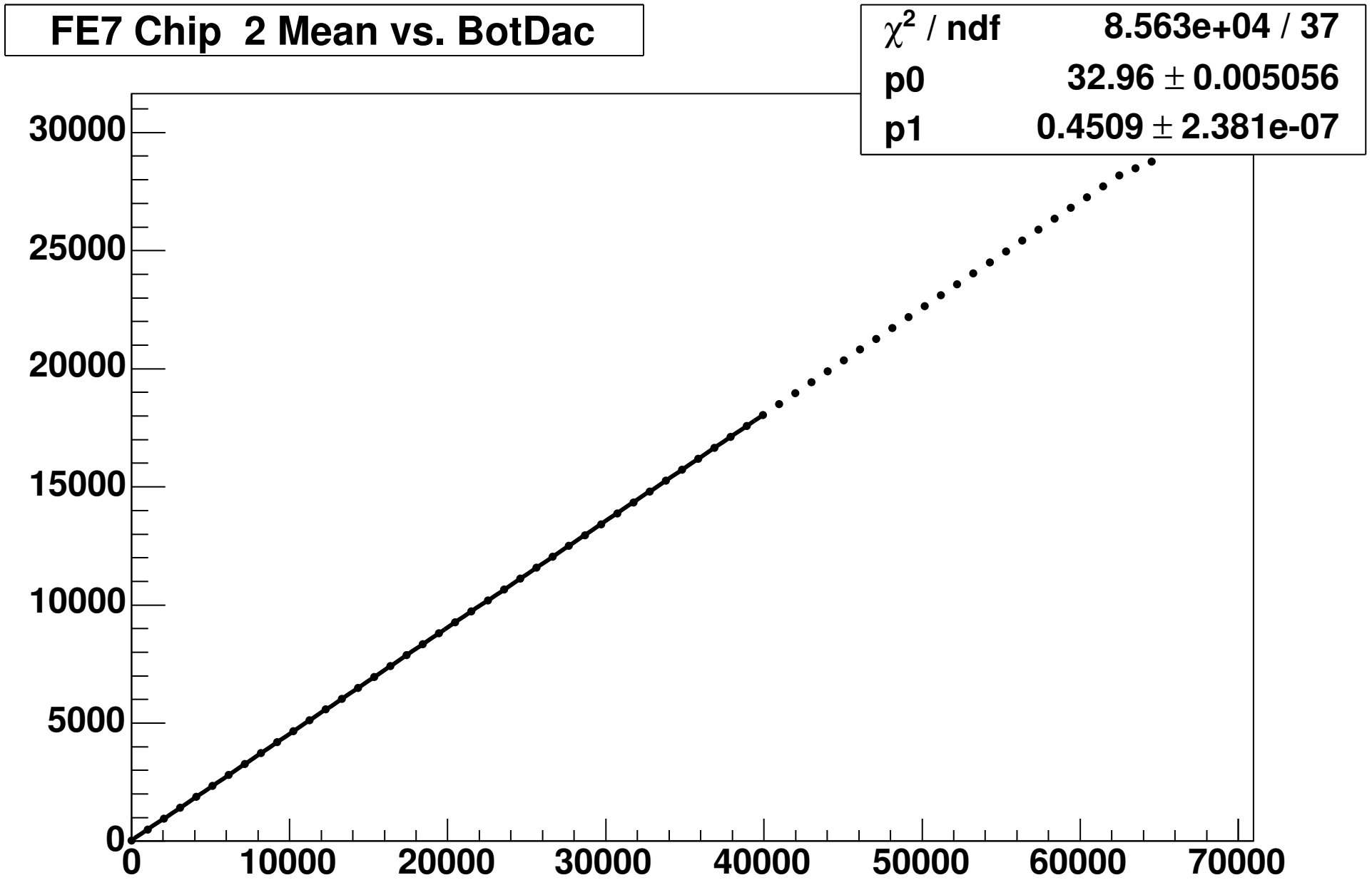
FE7 Chip 2 Mean vs. BotDac
χ² / ndf 8.563e+04 / 37
p0 32.96 ± 0.005056
p1 0.4509 ± 2.381e-07
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15000
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5000
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0
10000
20000
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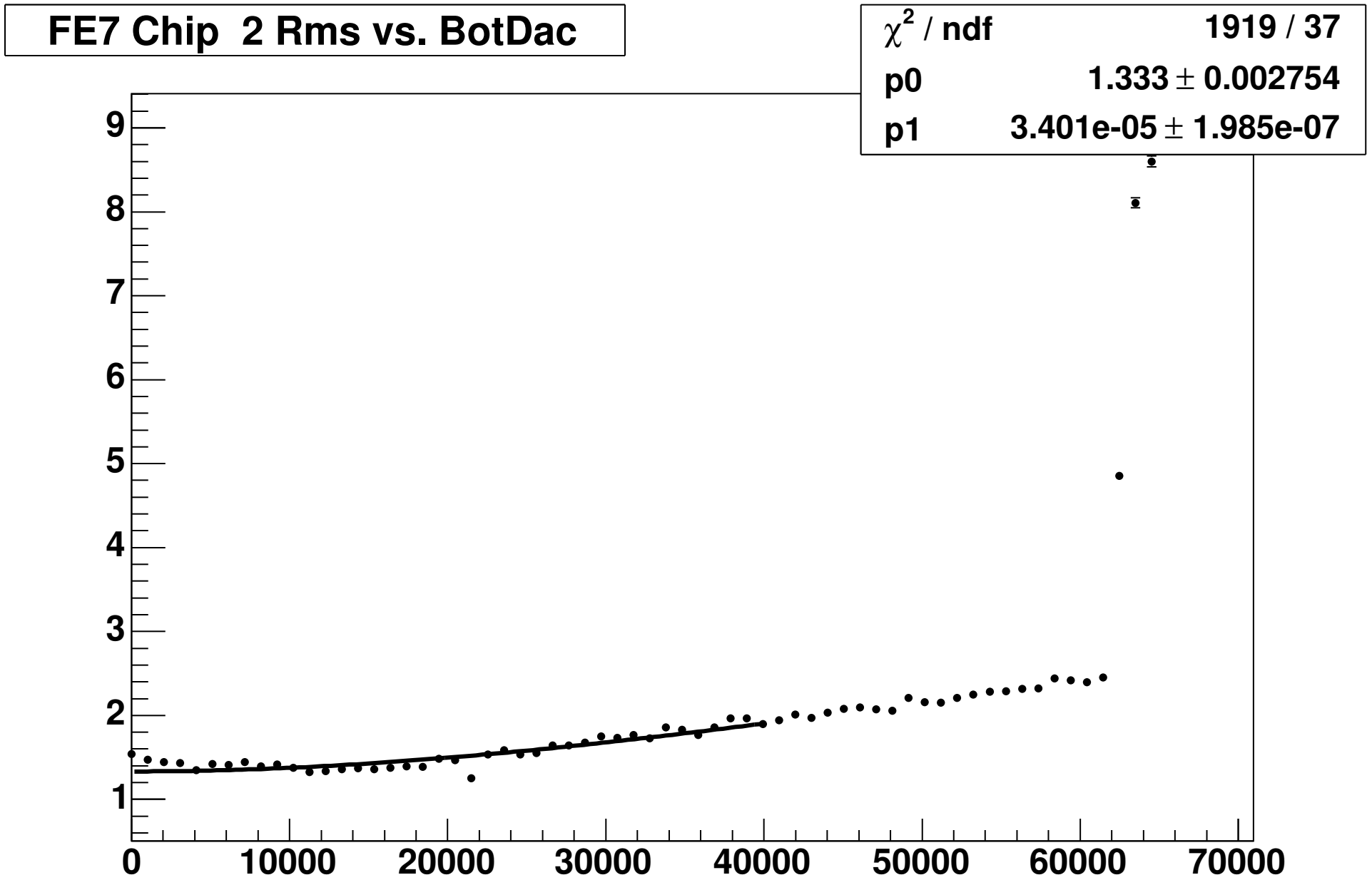
FE7 Chip 2 Rms vs. BotDac
χ² / ndf 1919 / 37
p0 1.333 ± 0.002754
p1 3.401e-05 ± 1.985e-07
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5
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2
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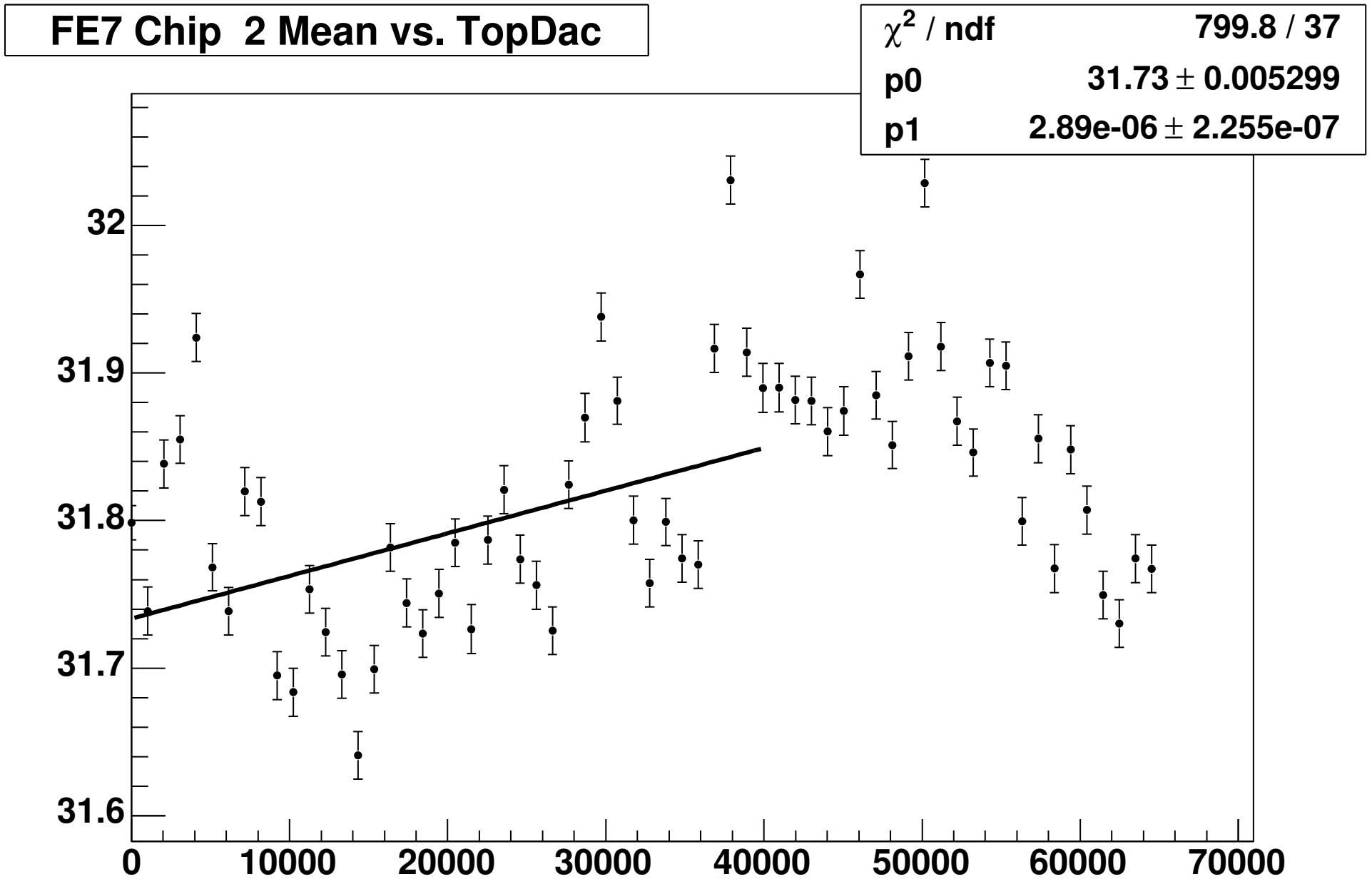
FE7 Chip 2 Mean vs. TopDac
χ² / ndf 799.8 / 37
p0 31.73 ± 0.005299
p1 2.89e-06 ± 2.255e-07
32
31.9
31.8
31.7
31.6
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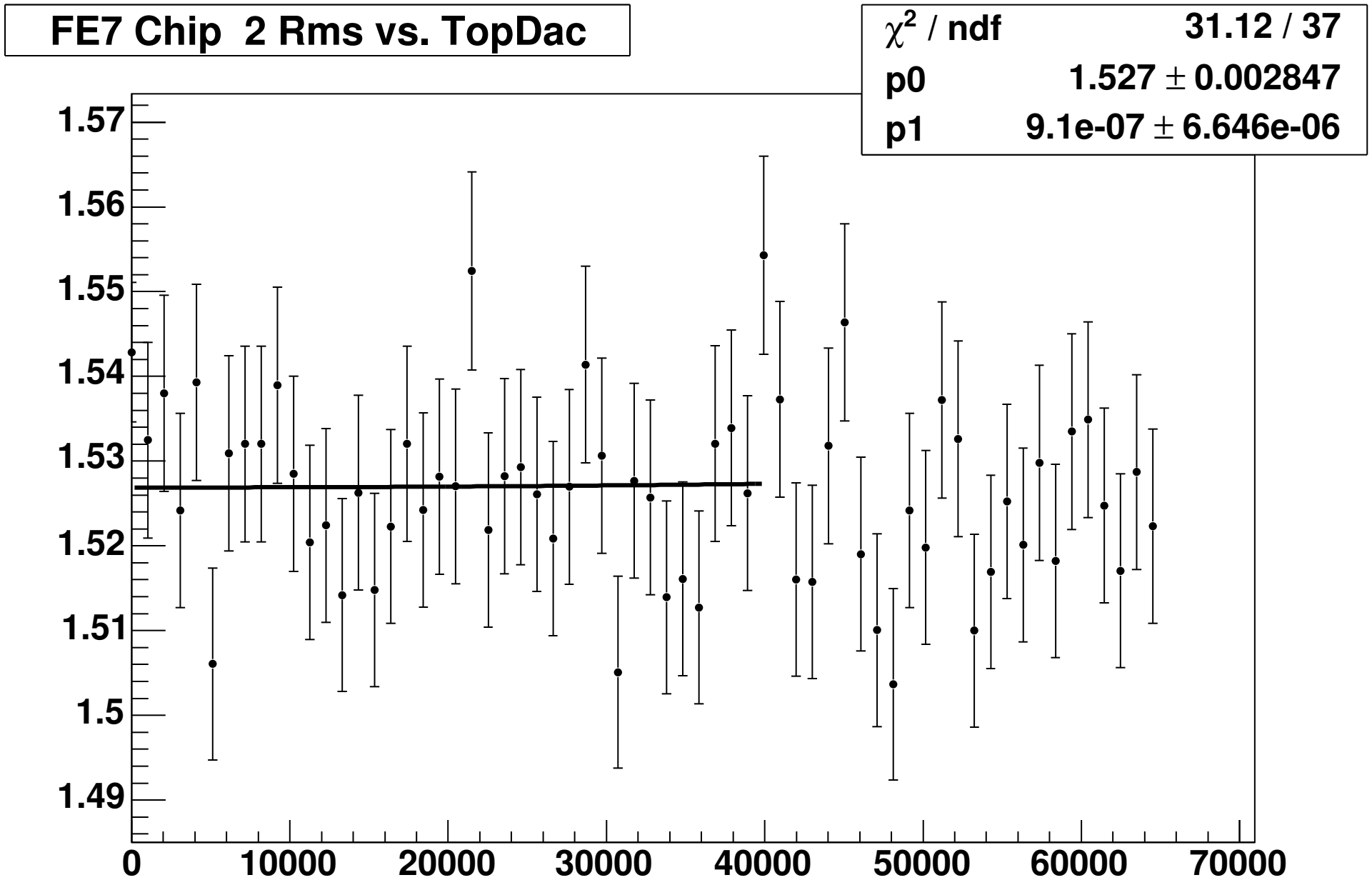
FE7 Chip 2 Rms vs. TopDac
χ^2 / ndf 31.12 / 37
p0 1.527 ± 0.002847
p1 9.1e-07 ± 6.646e-06
1.57
1.56
1.55
1.54
1.53
1.52
1.51
1.5
1.49
0
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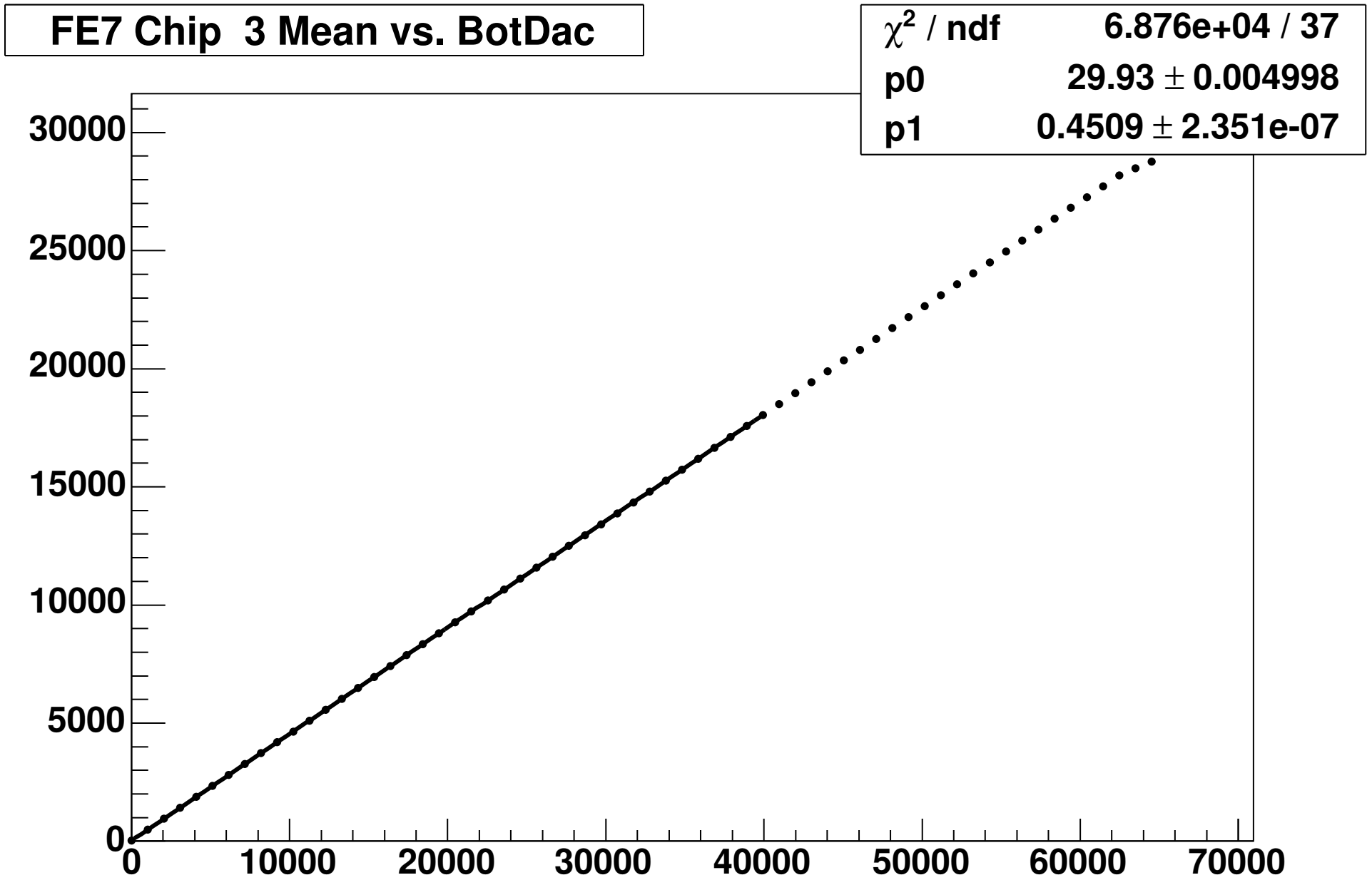
FE7 Chip 3 Mean vs. BotDac
χ² / ndf 6.876e+04 / 37
p0 29.93 ± 0.004998
p1 0.4509 ± 2.351e-07
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15000
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5000
0
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10000
20000
30000
40000
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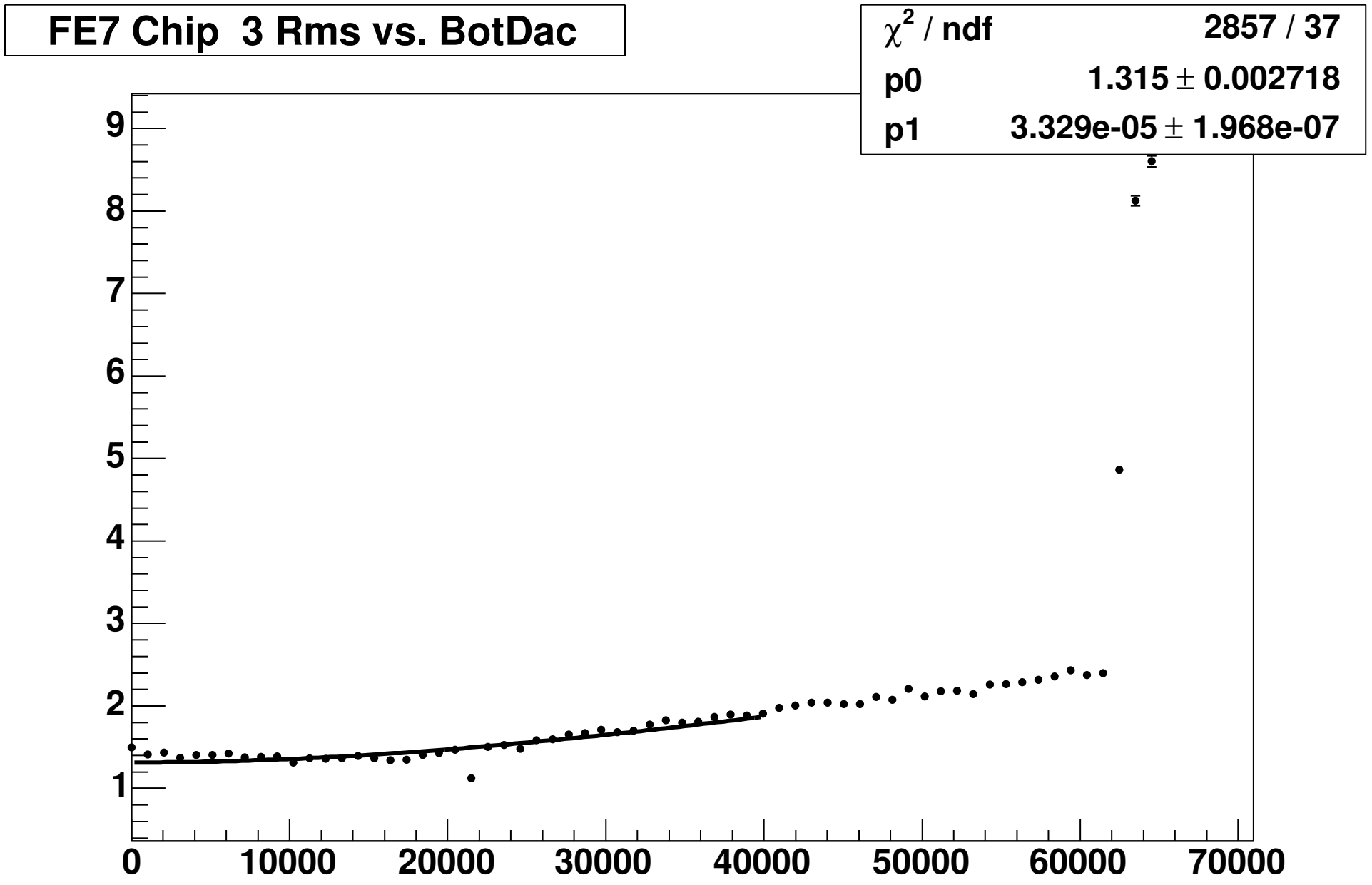
FE7 Chip 3 Rms vs. BotDac
χ² / ndf 2857 / 37
p0 1.315 ± 0.002718
p1 3.329e-05 ± 1.968e-07
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7
6
5
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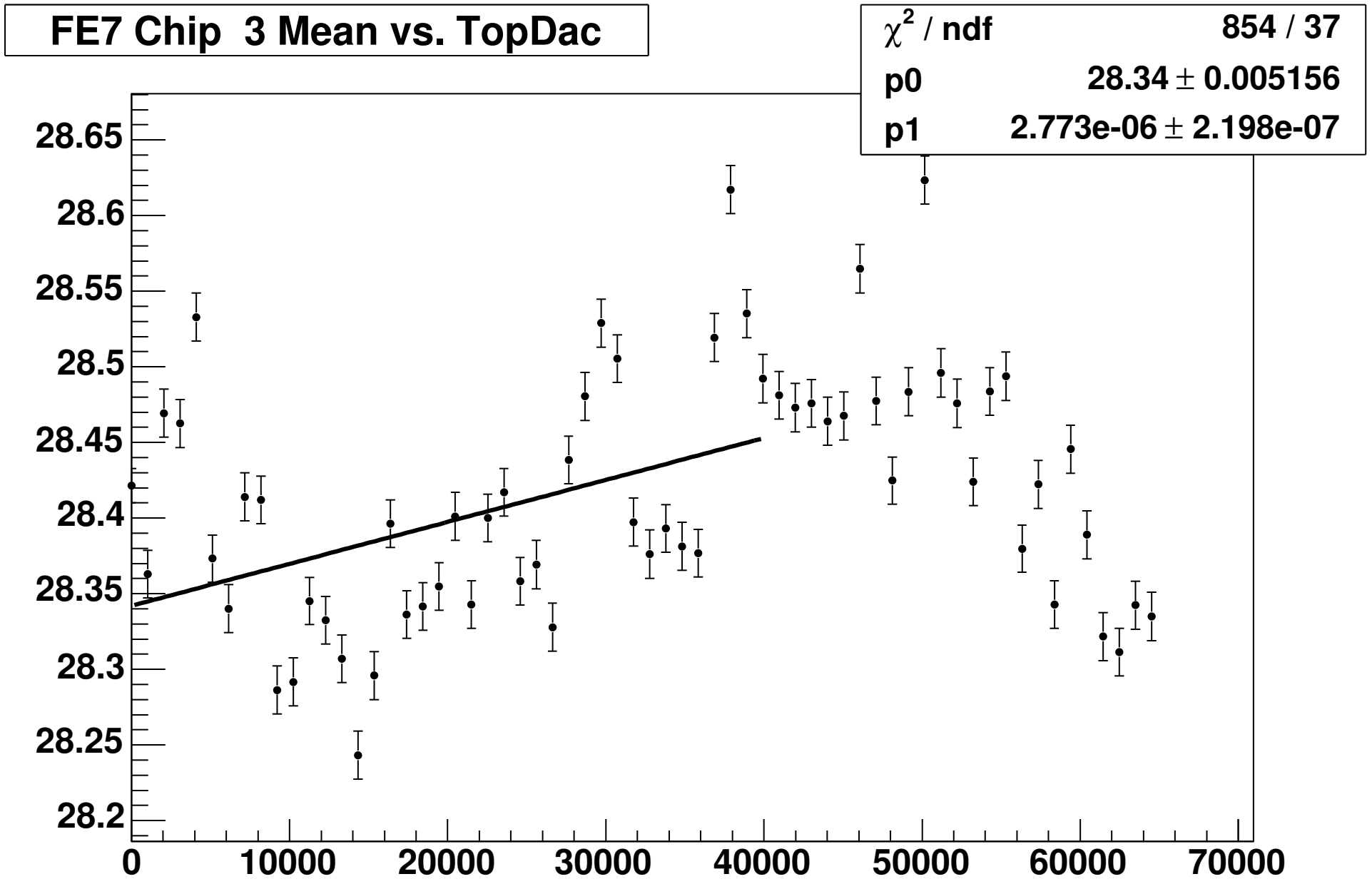
FE7 Chip 3 Mean vs. TopDac
χ² / ndf 854 / 37
p0 28.34 ± 0.005156
p1 2.773e-06 ± 2.198e-07
28.65
28.6
28.55
28.5
28.45
28.4
28.35
28.3
28.25
28.2
0
10000
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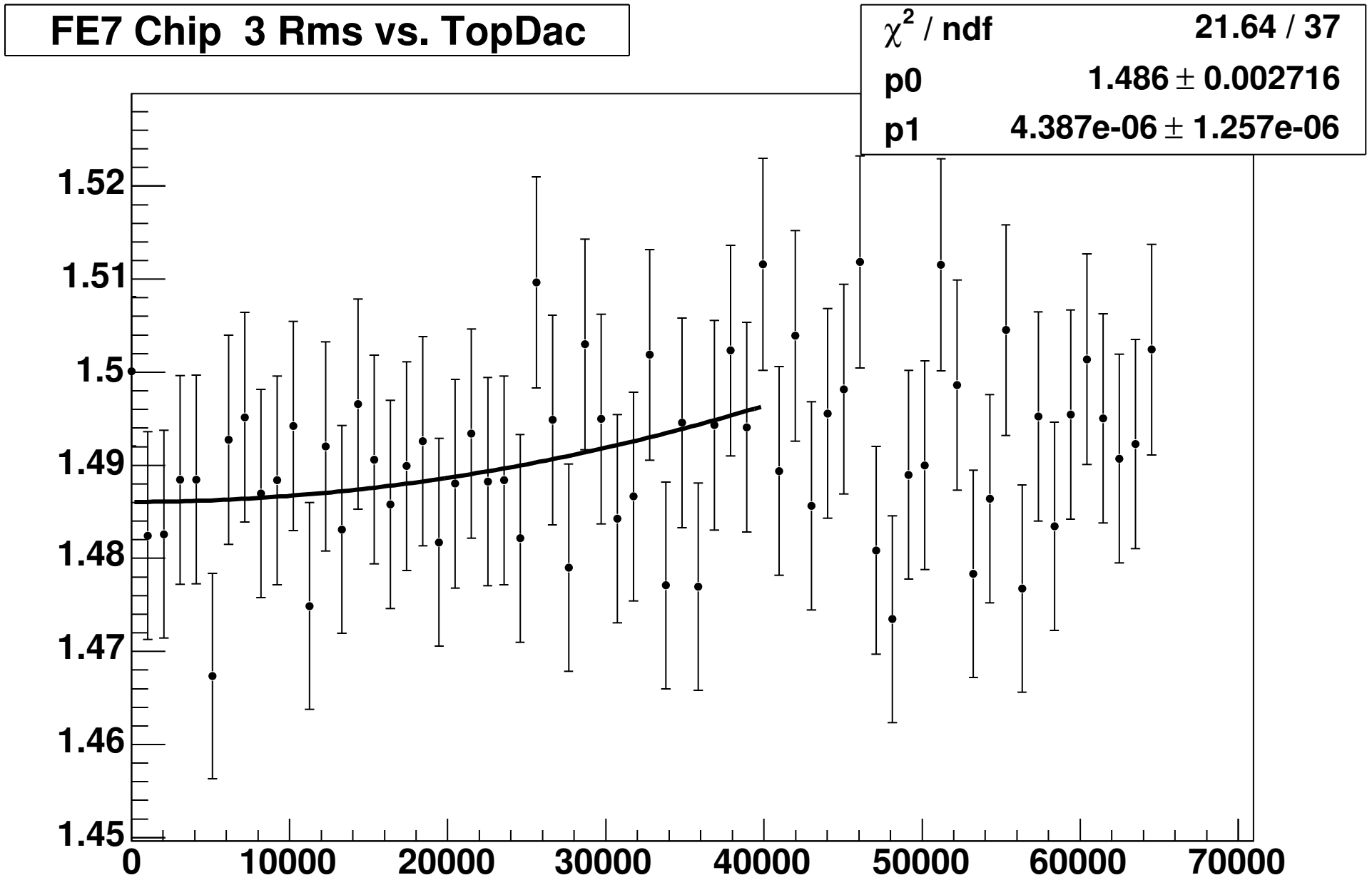
FE7 Chip 3 Rms vs. TopDac
χ² / ndf 21.64 / 37
p0 1.486 ± 0.002716
p1 4.387e-06 ± 1.257e-06
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
0
10000
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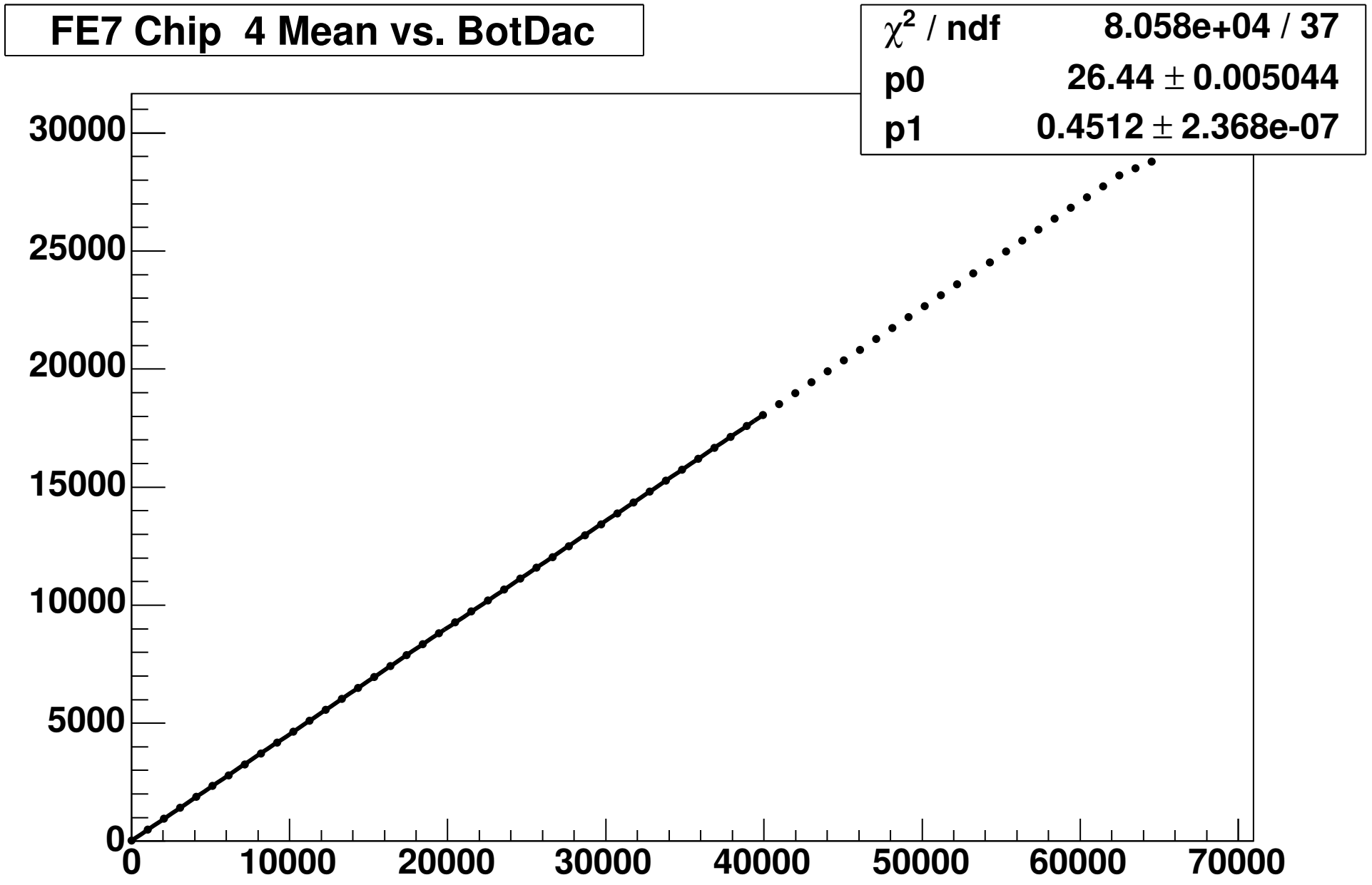
FE7 Chip 4 Mean vs. BotDac
χ² / ndf 8.058e+04 / 37
p0 26.44 ± 0.005044
p1 0.4512 ± 2.368e-07
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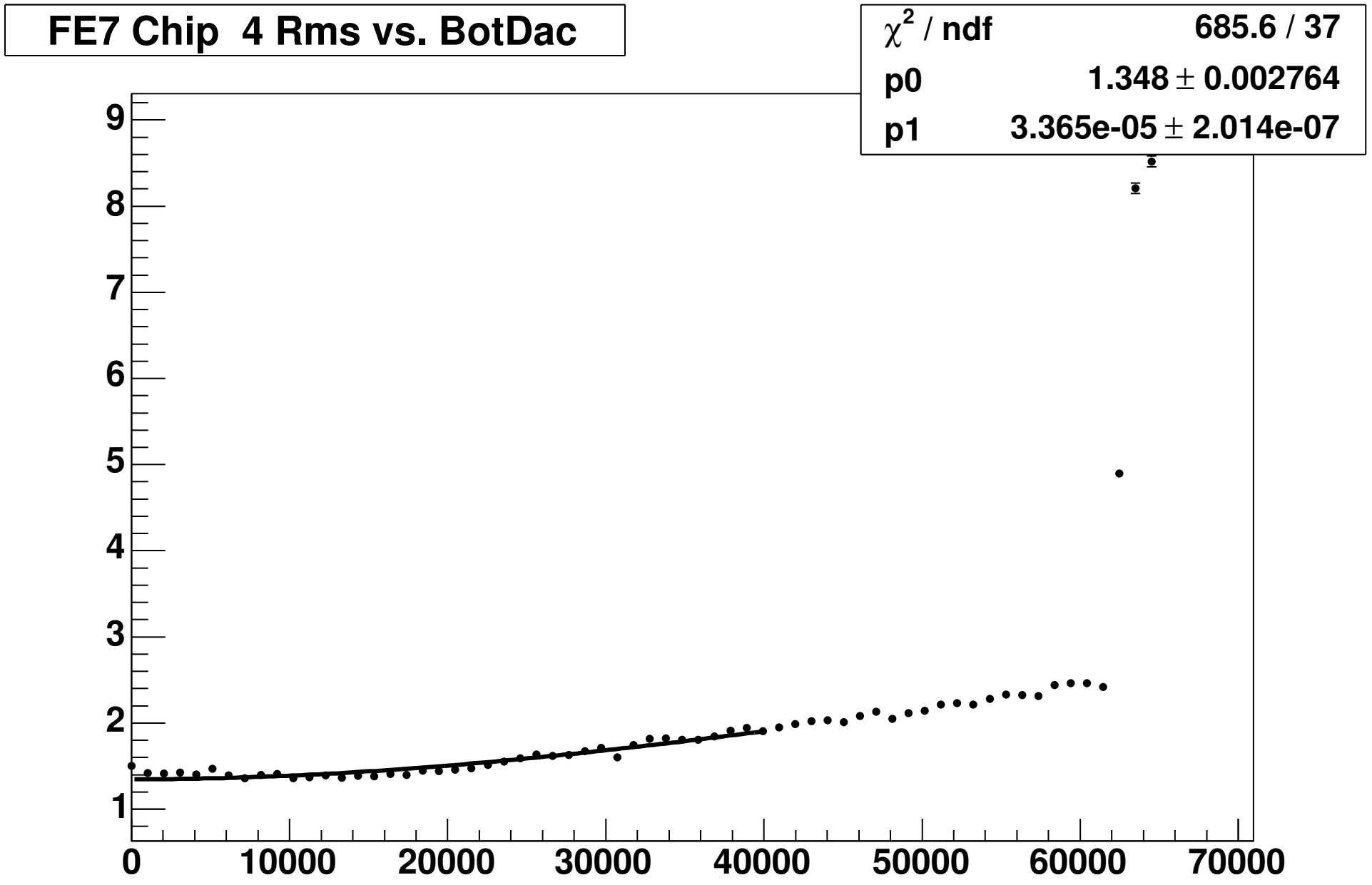
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 4 Rms vs. BotDac
χ² / ndf 685.6 / 37
p0 1.348 ± 0.002764
p1 3.365e-05 ± 2.014e-07
9
8
7
6
5
4
3
2
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0
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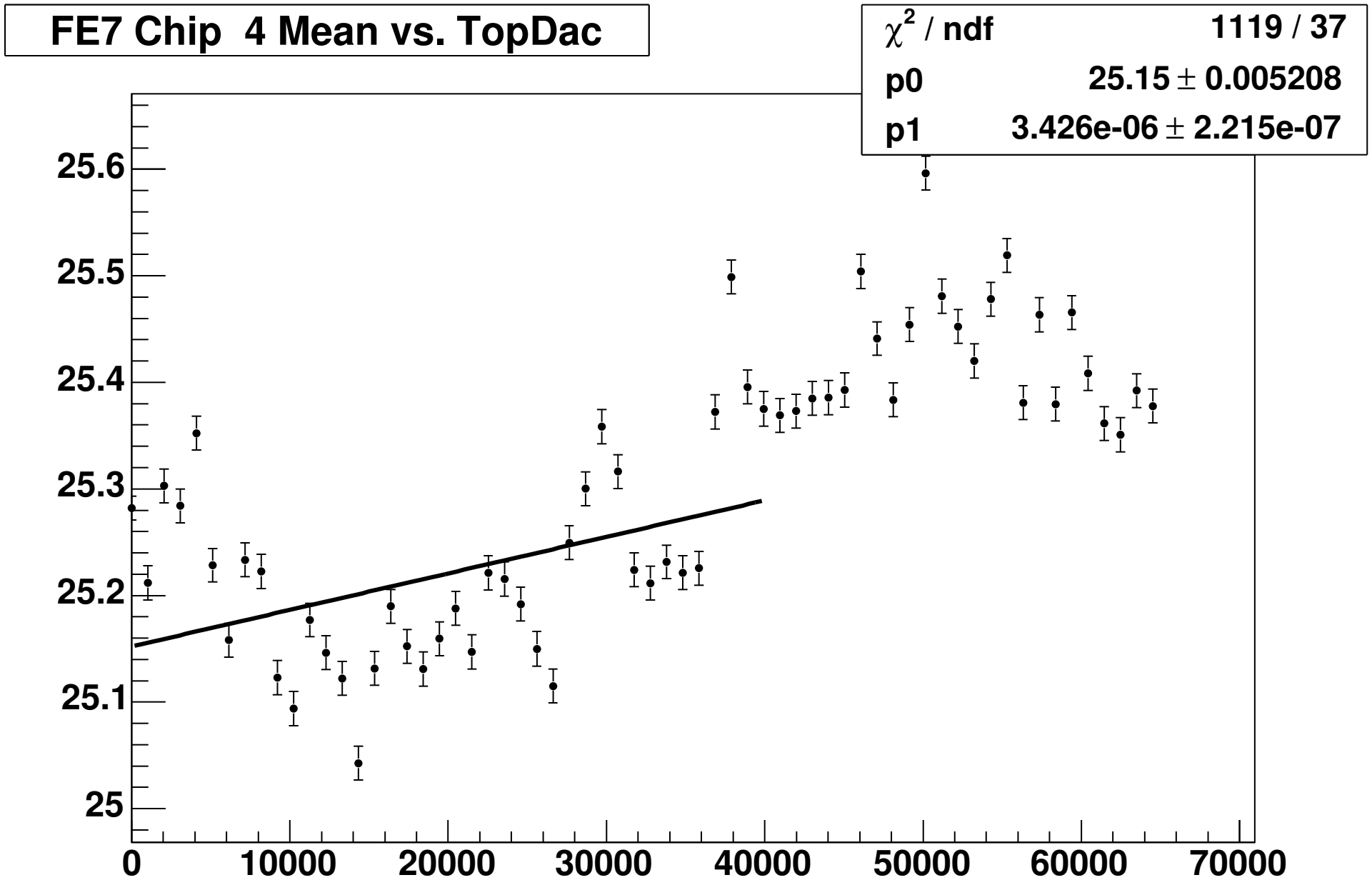
FE7 Chip 4 Mean vs. TopDac
χ² / ndf 1119 / 37
p0 25.15 ± 0.005208
p1 3.426e-06 ± 2.215e-07
25.6
25.5
25.4
25.3
25.2
25.1
25
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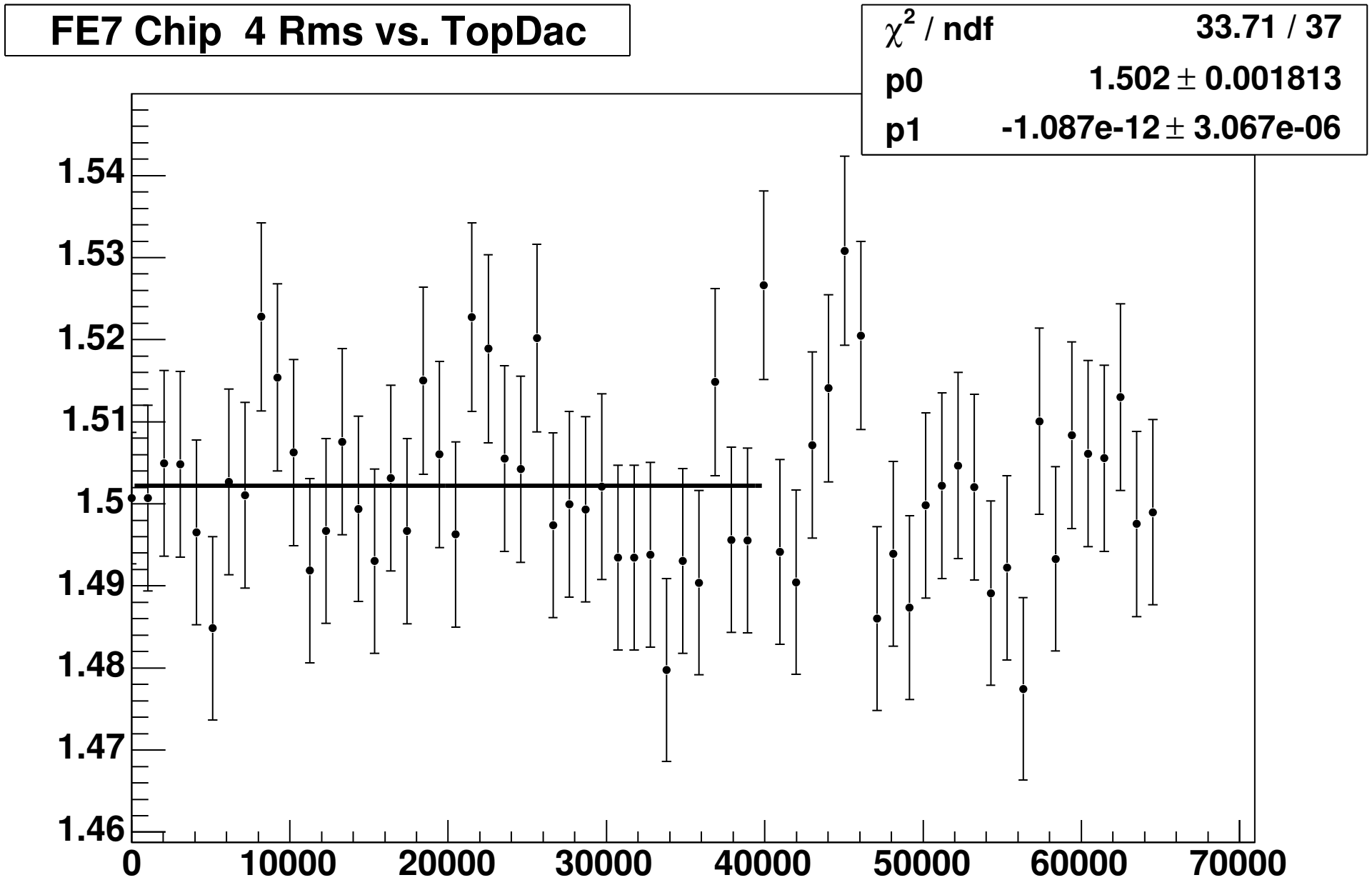
FE7 Chip 4 Rms vs. TopDac
χ² / ndf 33.71 / 37
p0 1.502 ± 0.001813
p1 -1.087e-12 ± 3.067e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
0
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20000
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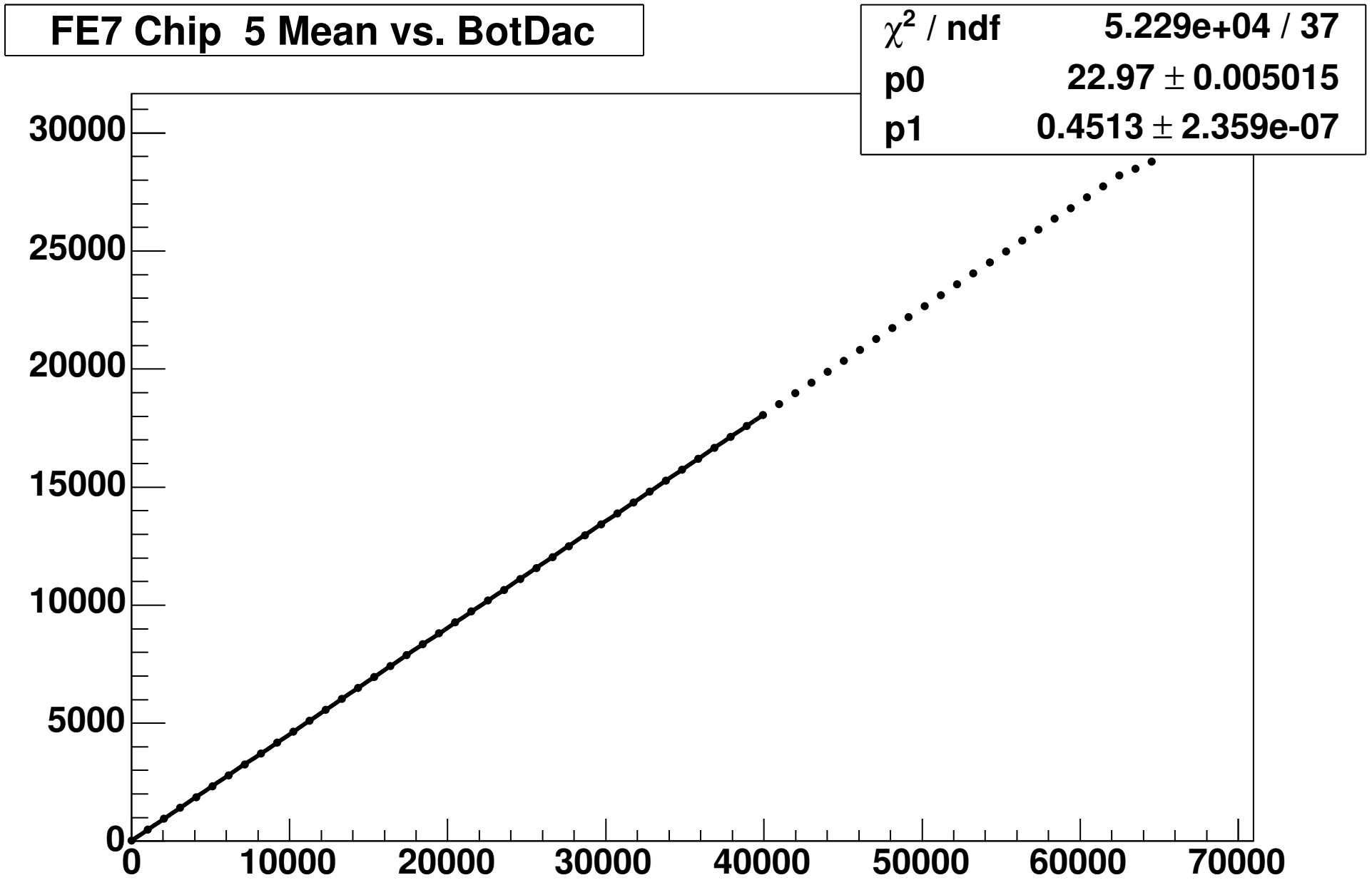
FE7 Chip 5 Mean vs. BotDac
χ² / ndf 5.229e+04 / 37
p0 22.97 ± 0.005015
p1 0.4513 ± 2.359e-07
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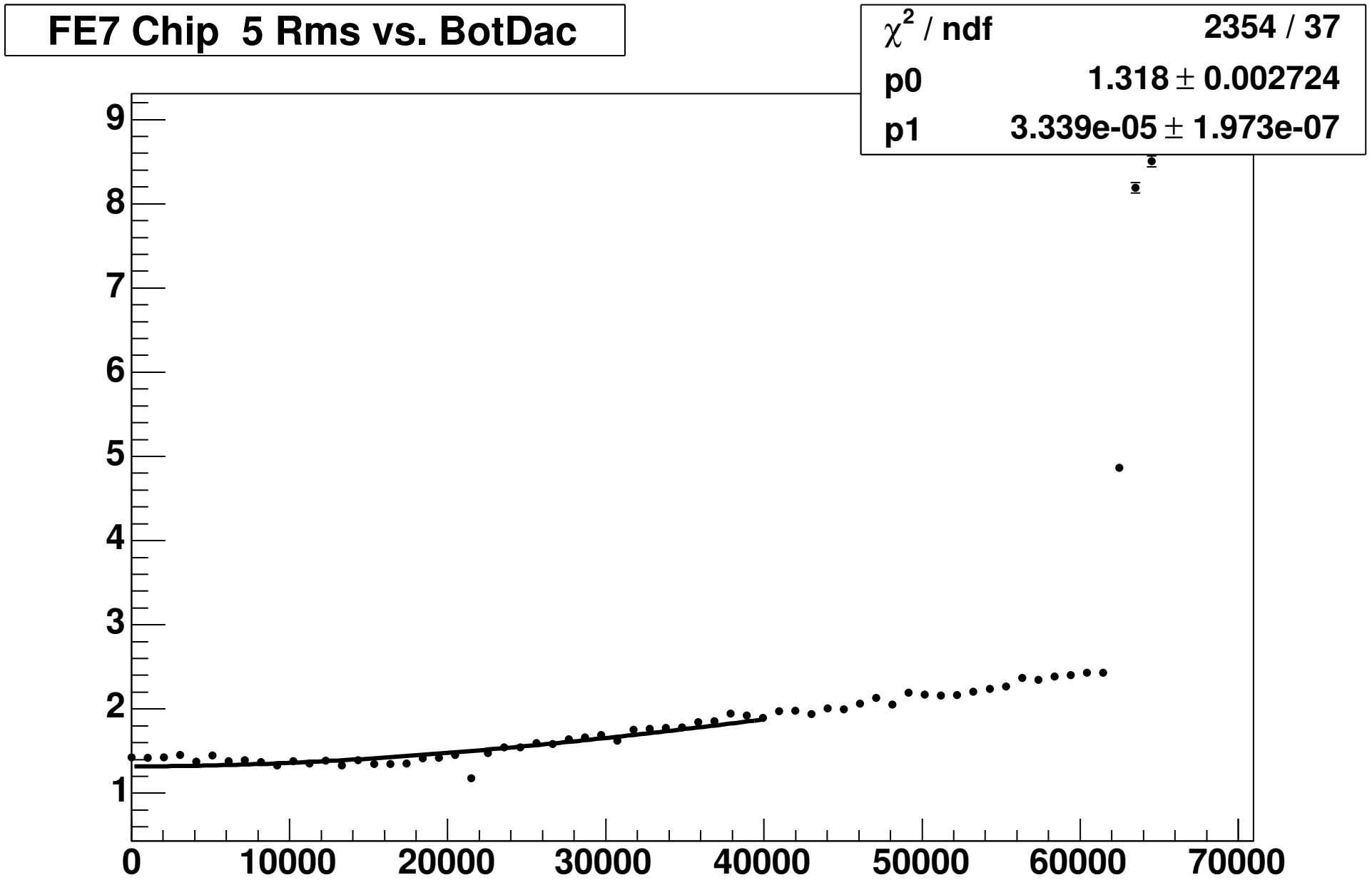
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 5 Rms vs. BotDac
χ² / ndf 2354 / 37
p0 1.318 ± 0.002724
p1 3.339e-05 ± 1.973e-07
9
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6
5
4
3
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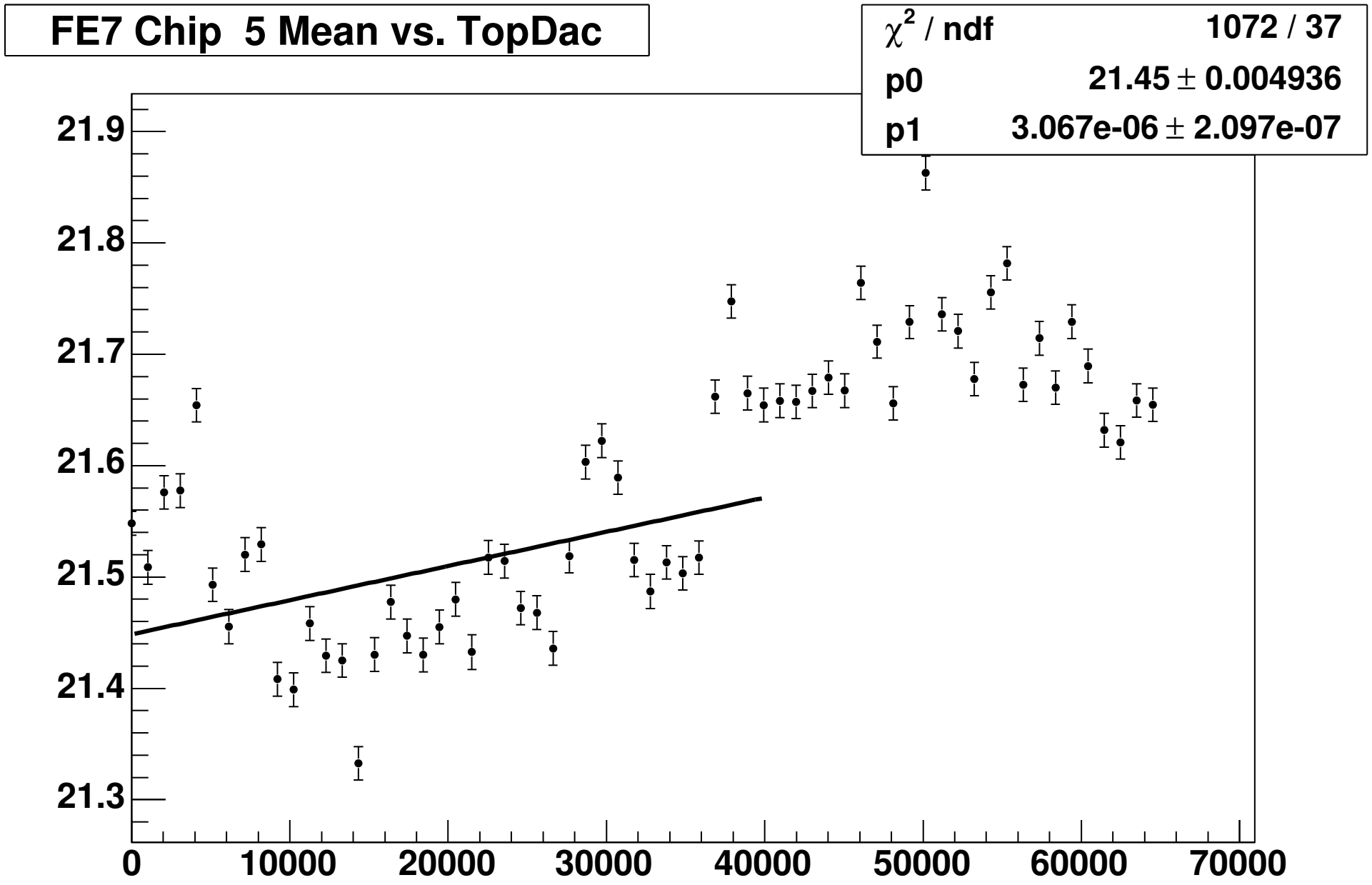
FE7 Chip 5 Mean vs. TopDac
χ² / ndf 1072 / 37
p0 21.45 ± 0.004936
p1 3.067e-06 ± 2.097e-07
21.9
21.8
21.7
21.6
21.5
21.4
21.3
0
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20000
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50000
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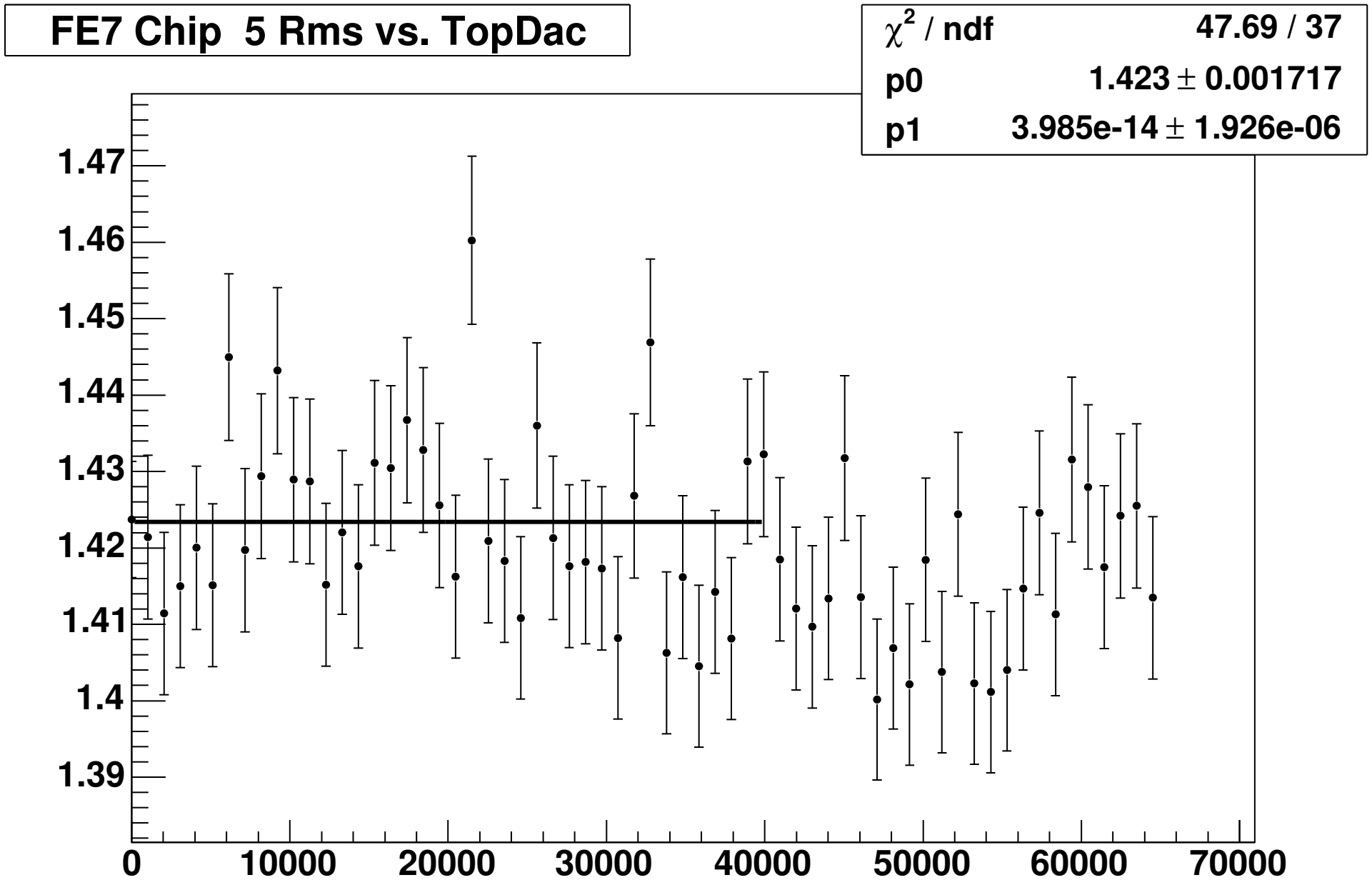
FE7 Chip 5 Rms vs. TopDac
χ² / ndf 47.69 / 37
p0 1.423 ± 0.001717
p1 3.985e-14 ± 1.926e-06
1.47
1.46
1.45
1.44
1.43
1.42
1.41
1.4
1.39
0
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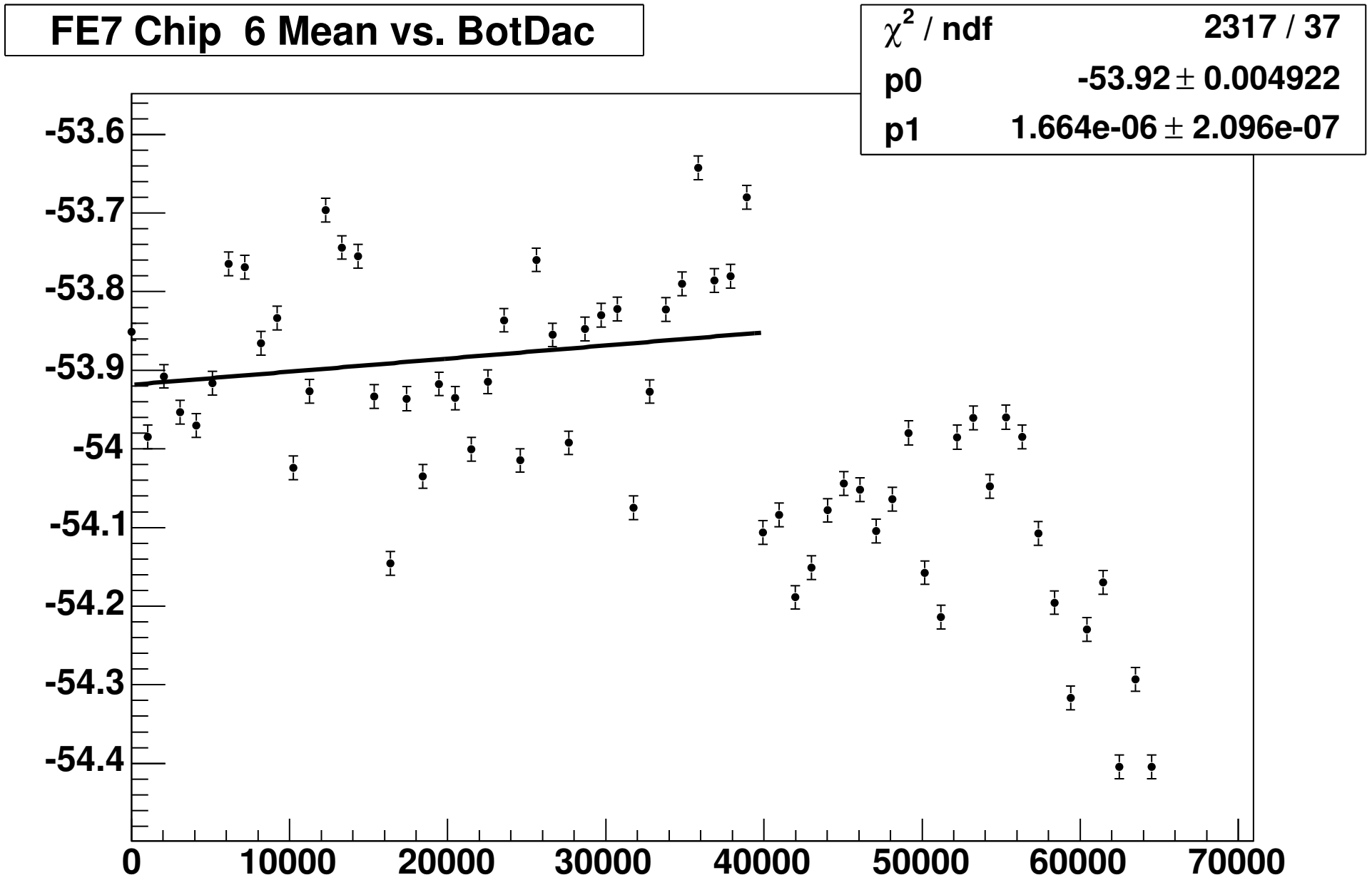
FE7 Chip 6 Mean vs. BotDac
χ² / ndf 2317 / 37
p0 -53.92 ± 0.004922
p1 1.664e-06 ± 2.096e-07
-53.6
-53.7
-53.8
-53.9
-54
-54.1
-54.2
-54.3
-54.4
0
10000
20000
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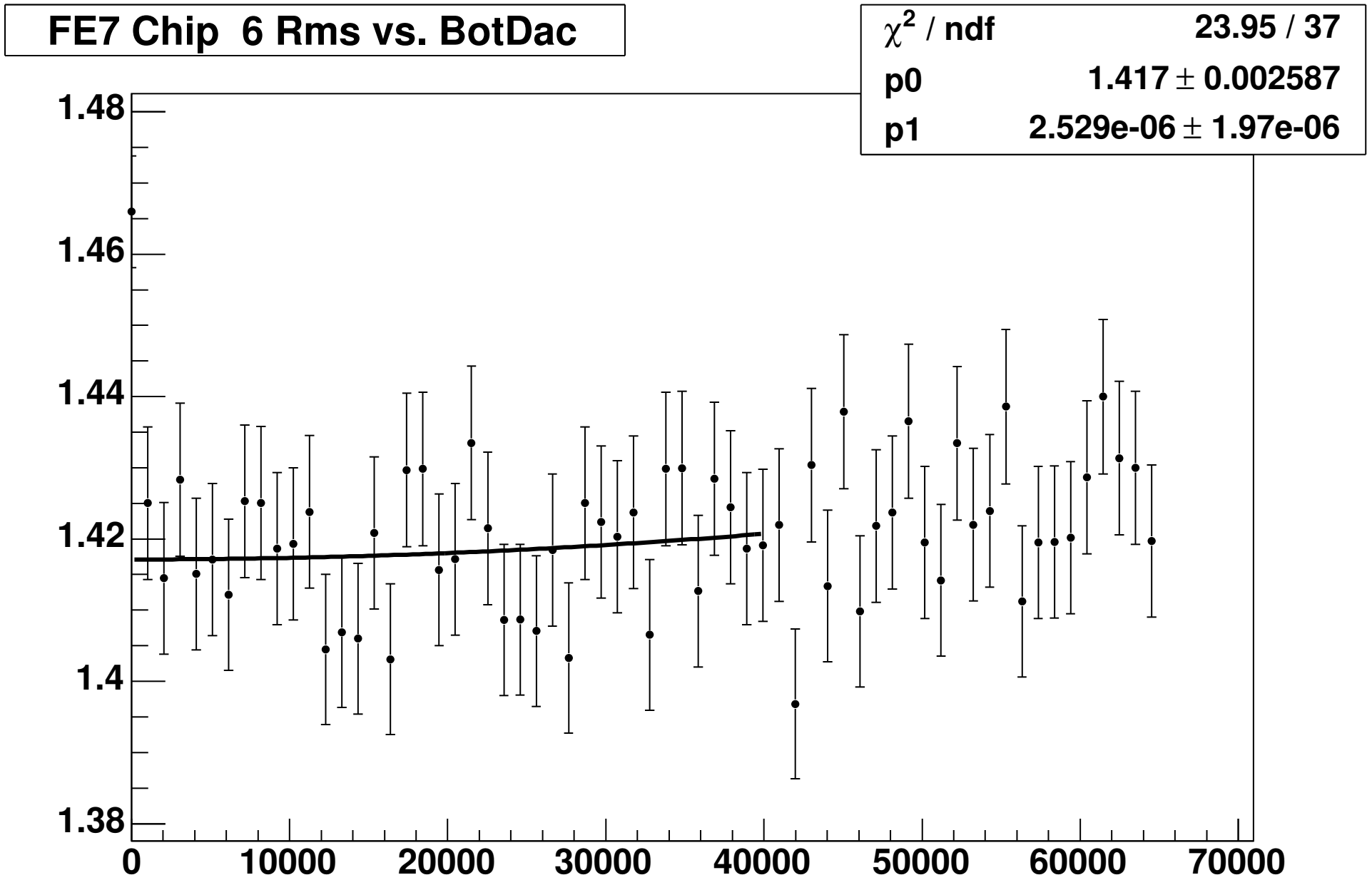
FE7 Chip 6 Rms vs. BotDac
χ² / ndf 23.95 / 37
p0 1.417 ± 0.002587
p1 2.529e-06 ± 1.97e-06
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1.46
1.44
1.42
1.4
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10000
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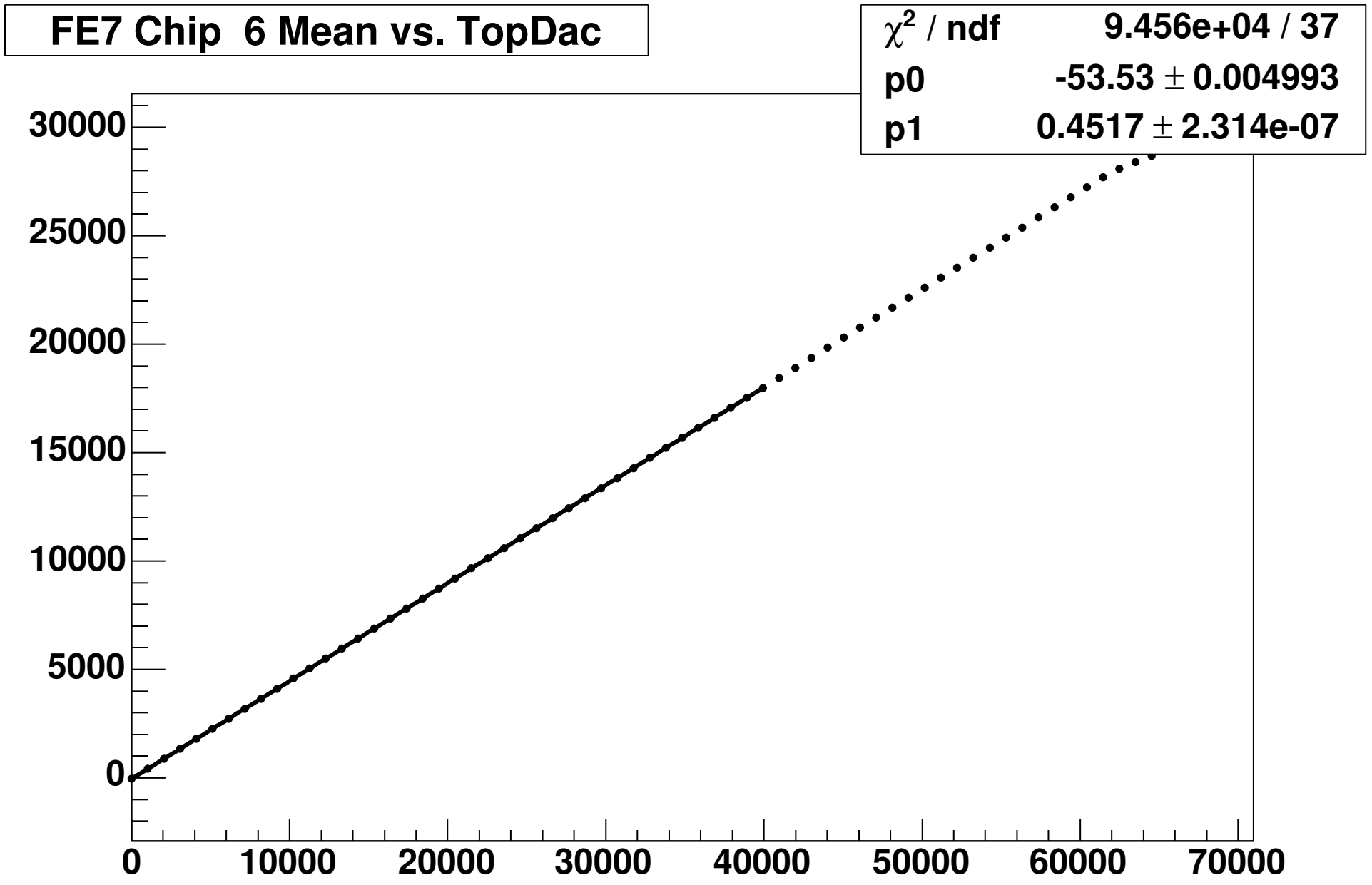
70000


FE7 Chip 6 Mean vs. TopDac
χ² / ndf 9.456e+04 / 37
p0 -53.53 ± 0.004993
p1 0.4517 ± 2.314e-07
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10000
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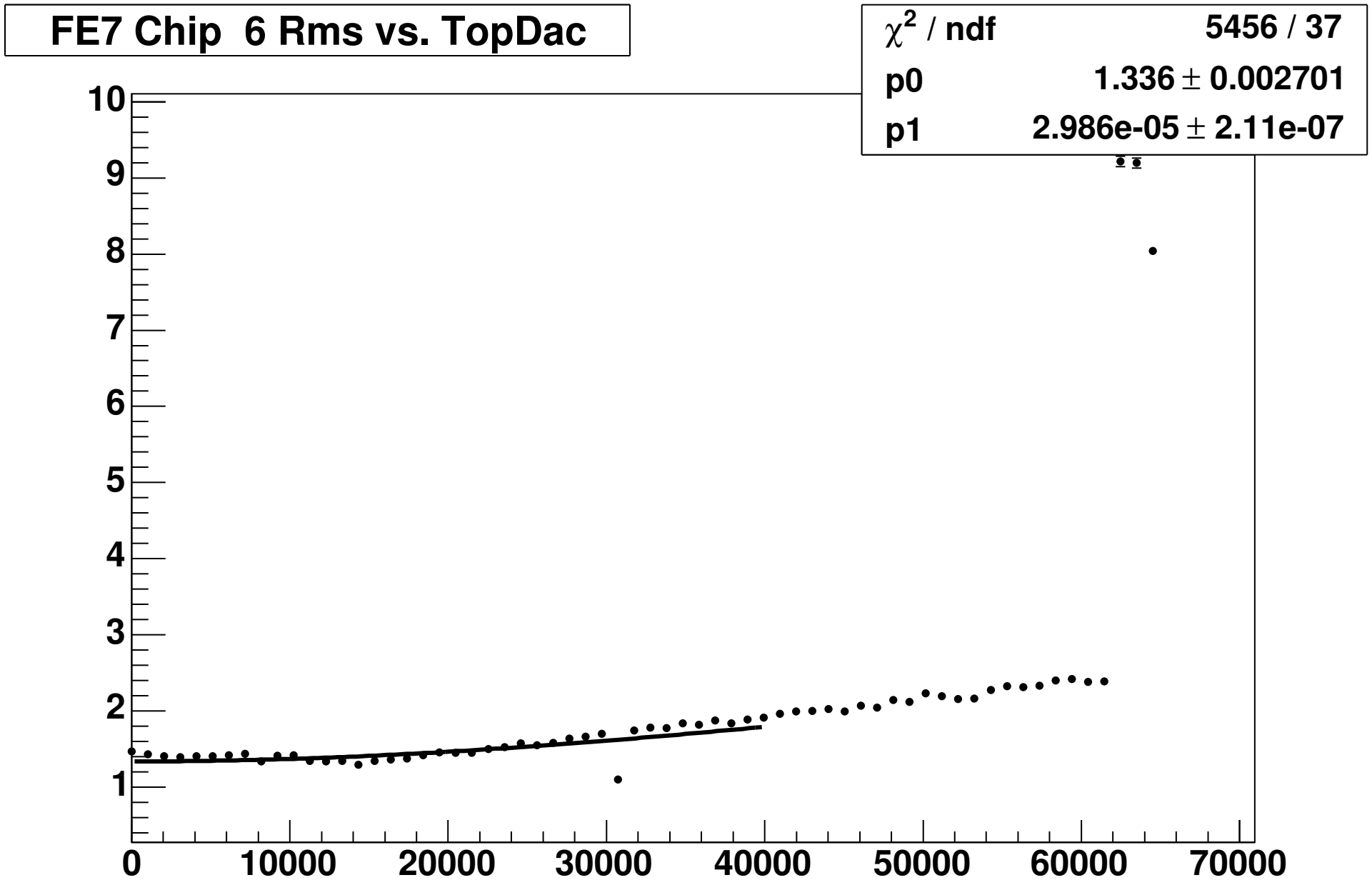
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 6 Rms vs. TopDac
χ² / ndf 5456 / 37
p0 1.336 ± 0.002701
p1 2.986e-05 ± 2.11e-07
10
9
8
7
6
5
4
3
2
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20000
30000
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50000
60000
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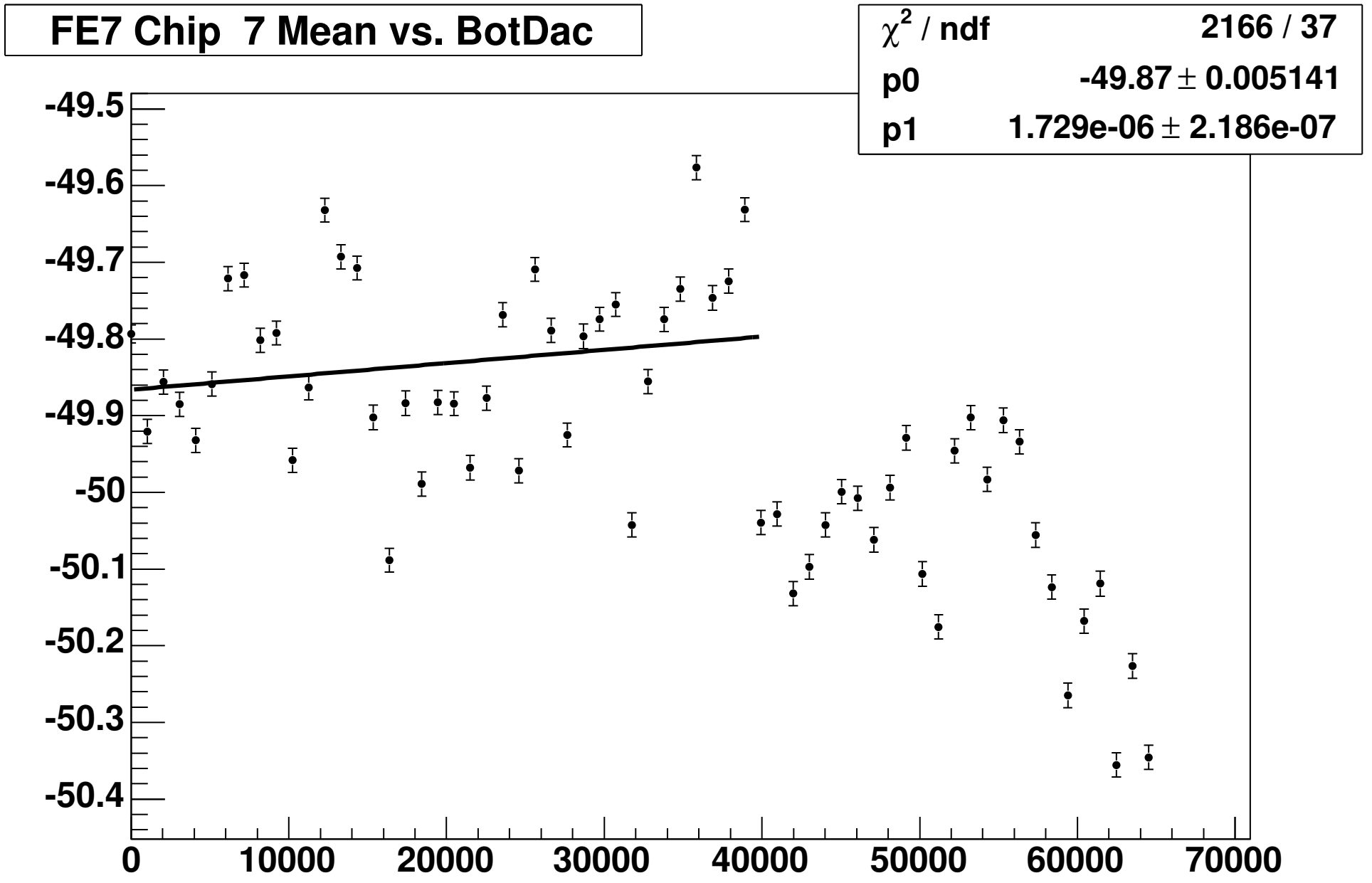
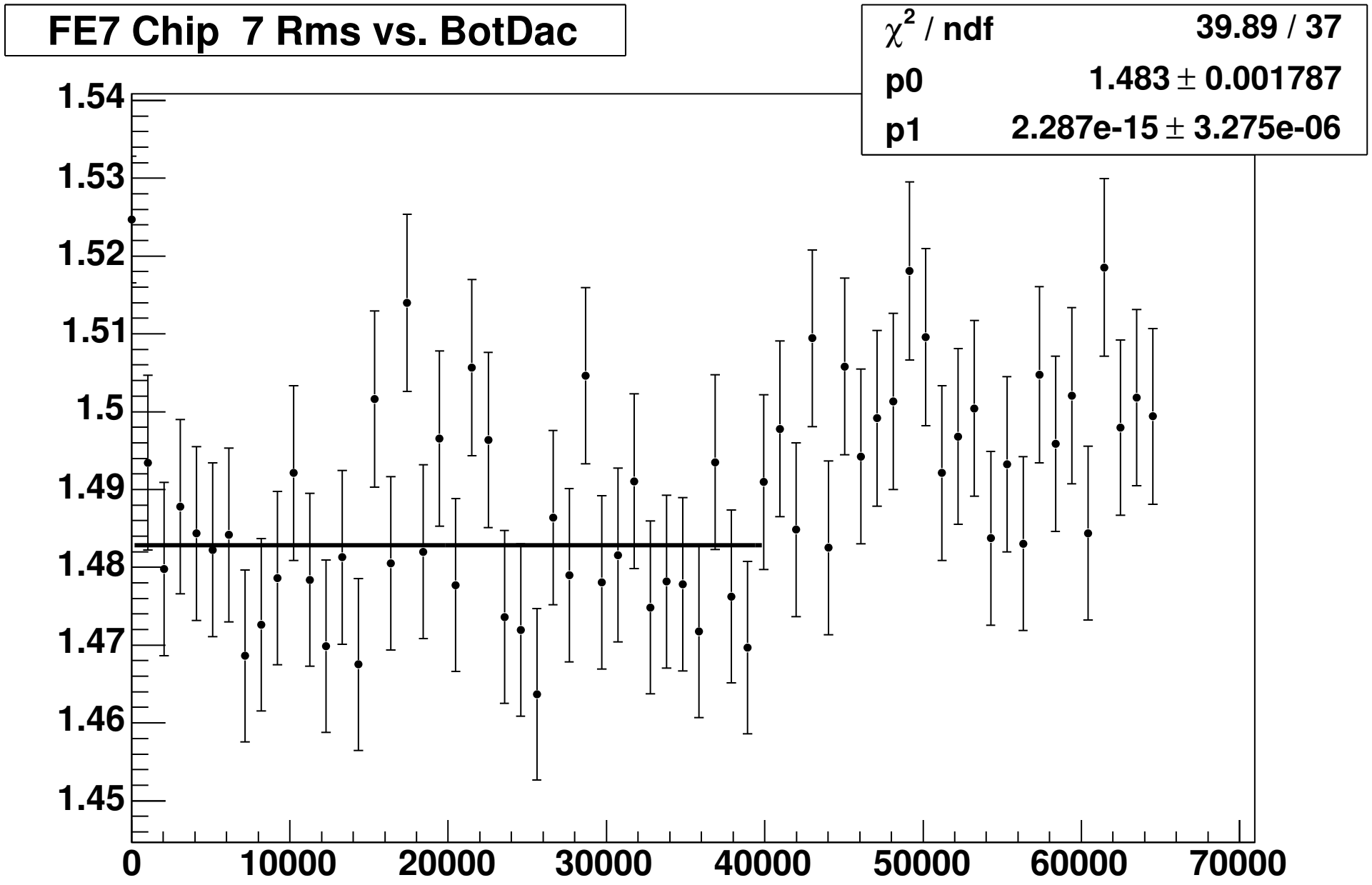

FE7 Chip 7 Mean vs. BotDac
χ² / ndf 2166 / 37
p0 -49.87 ± 0.005141
p1 1.729e-06 ± 2.186e-07
-49.5
-49.6
-49.7
-49.8
-49.9
-50
-50.1
-50.2
-50.3
-50.4
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 7 Rms vs. BotDac
χ² / ndf 39.89 / 37
p0 1.483 ± 0.001787
p1 2.287e-15 ± 3.275e-06
1.54
1.53
1.52
1.51
1.5
1.49
1.48
1.47
1.46
1.45
0
10000
20000
30000
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60000
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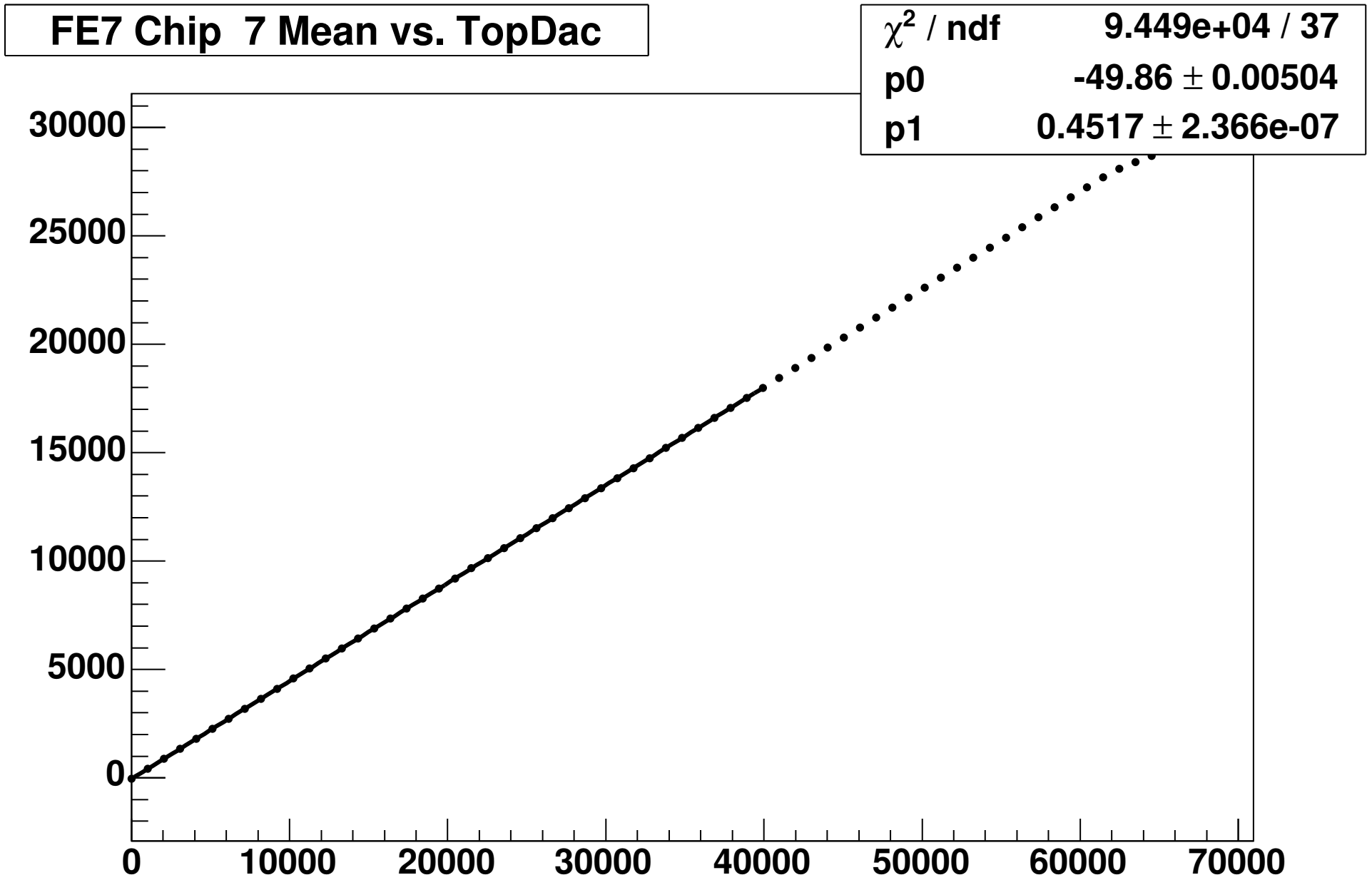
FE7 Chip 7 Mean vs. TopDac
χ^2 / ndf 9.449e+04 / 37
p0 -49.86 ± 0.00504
p1 0.4517 ± 2.366e-07
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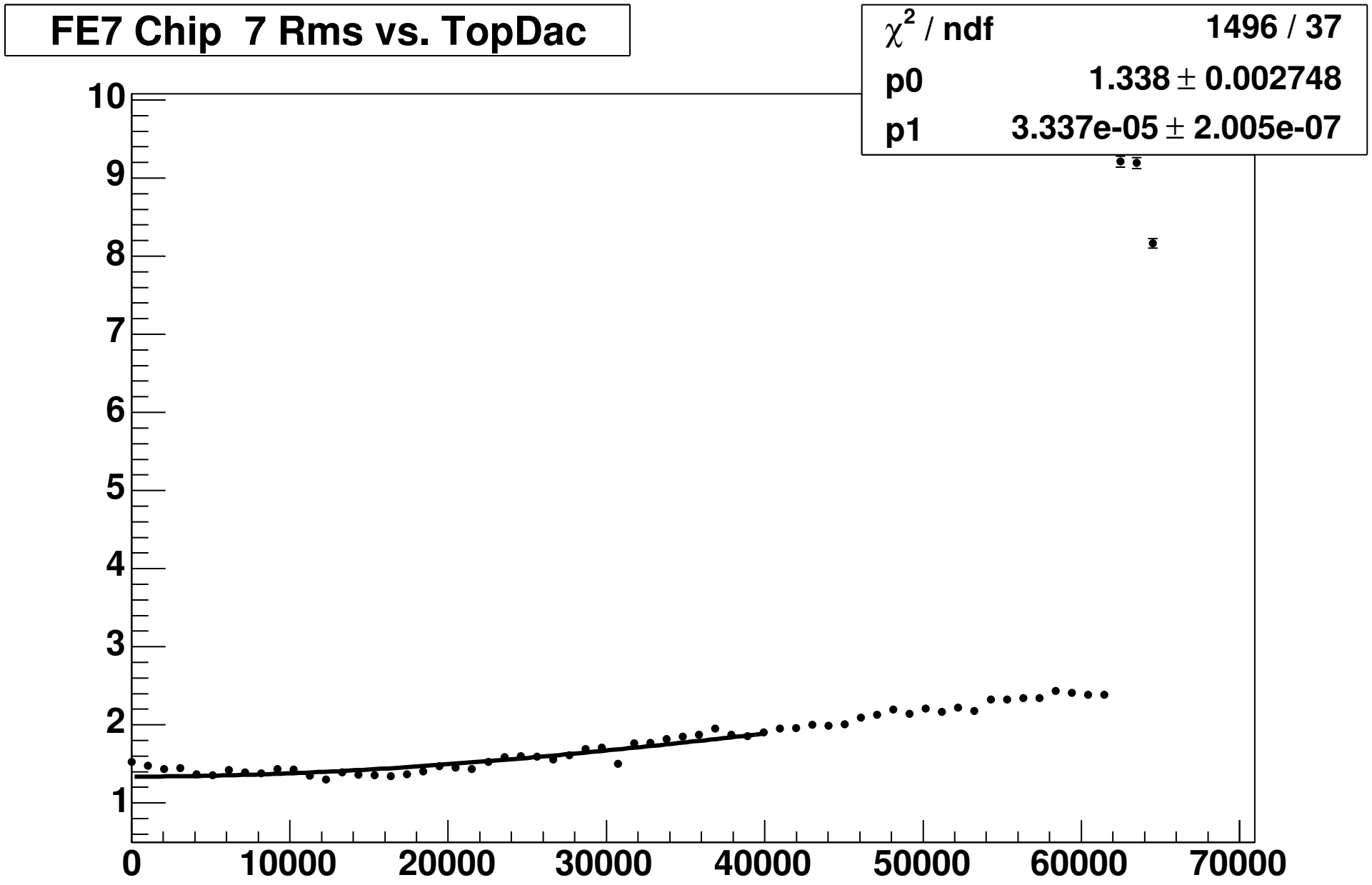
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000


FE7 Chip 7 Rms vs. TopDac
χ² / ndf 1496 / 37
p0 1.338 ± 0.002748
p1 3.337e-05 ± 2.005e-07
10
9
8
7
6
5
4
3
2
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0
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20000
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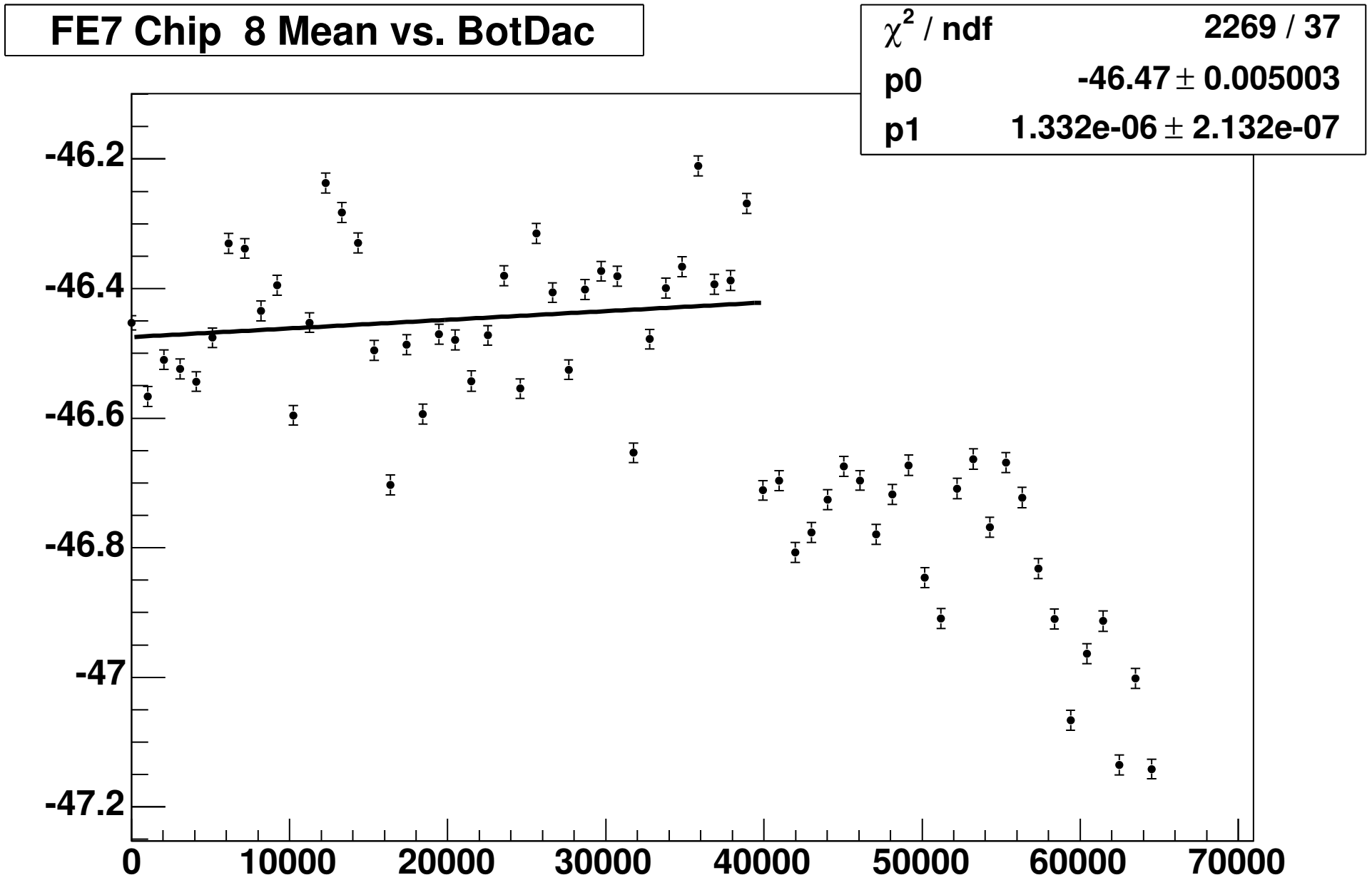
FE7 Chip 8 Mean vs. BotDac
χ² / ndf 2269 / 37
p0 -46.47 ± 0.005003
p1 1.332e-06 ± 2.132e-07
-46.2
-46.4
-46.6
-46.8
-47
-47.2
0
10000
20000
30000
40000
50000
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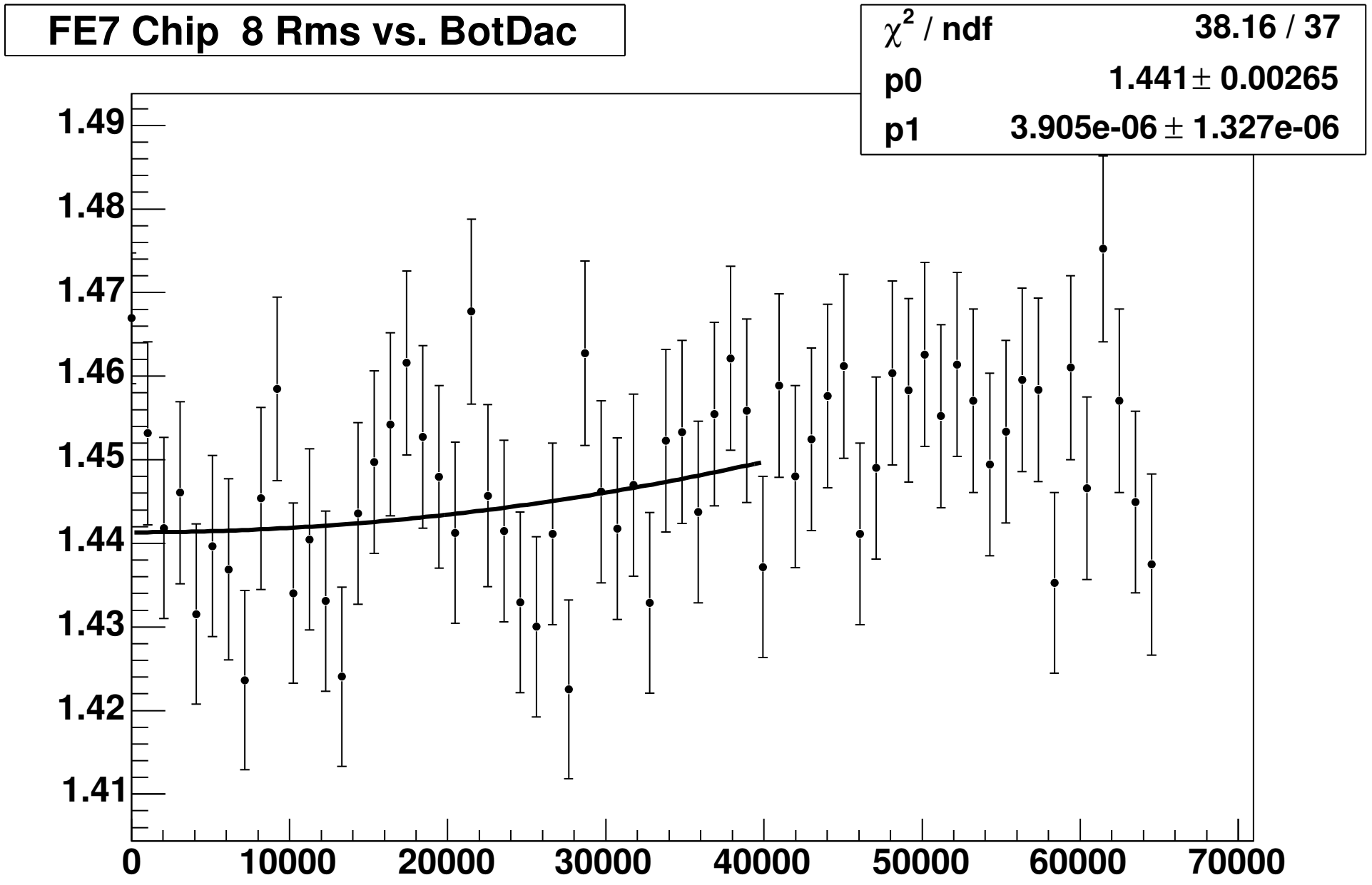
FE7 Chip 8 Rms vs. BotDac
χ² / ndf 38.16 / 37
p0 1.441 ± 0.00265
p1 3.905e-06 ± 1.327e-06
1.49
1.48
1.47
1.46
1.45
1.44
1.43
1.42
1.41
0
10000
20000
30000
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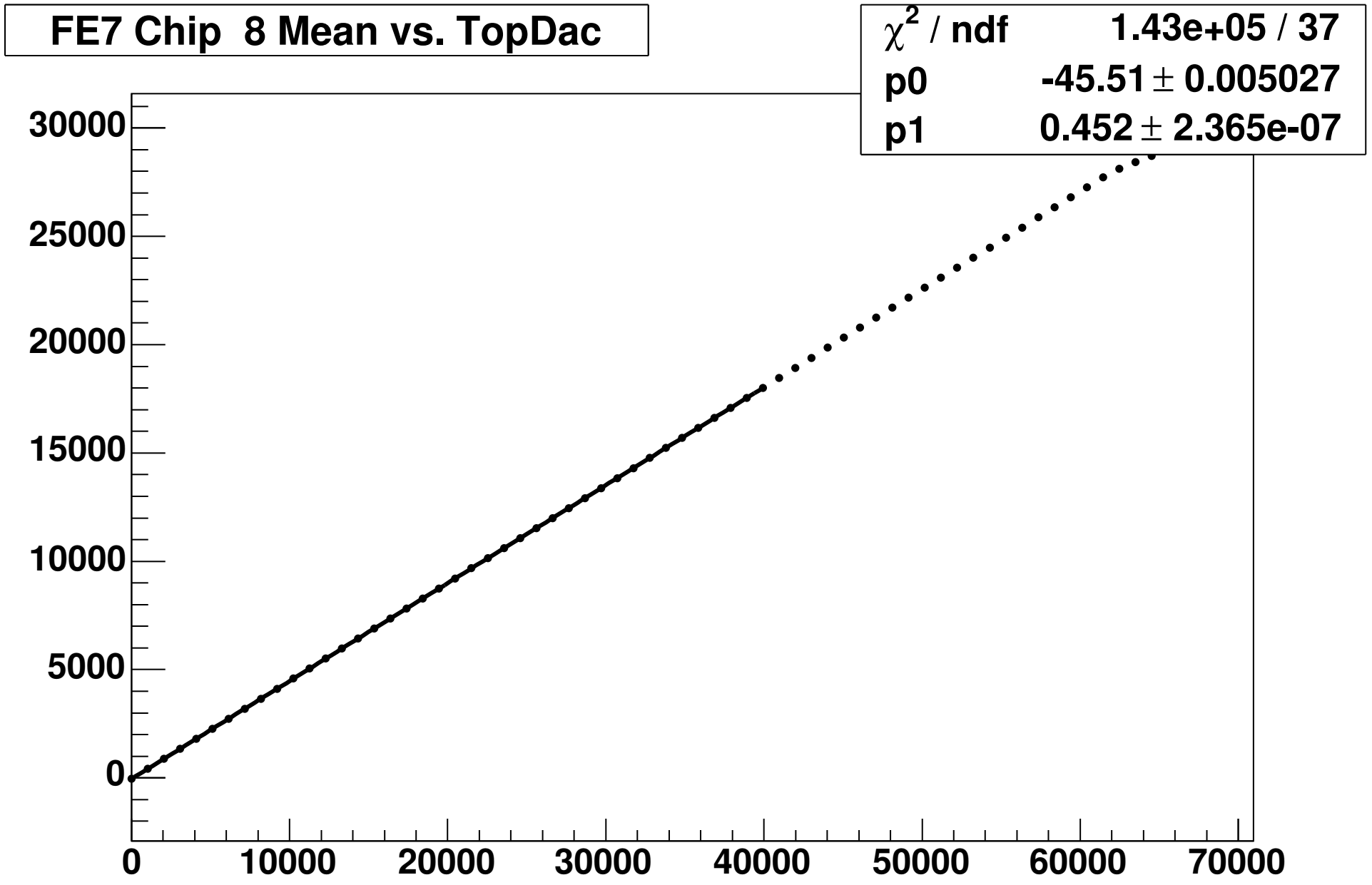
FE7 Chip 8 Mean vs. TopDac
χ² / ndf 1.43e+05 / 37
p0 -45.51 ± 0.005027
p1 0.452 ± 2.365e-07
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20000
15000
10000
5000
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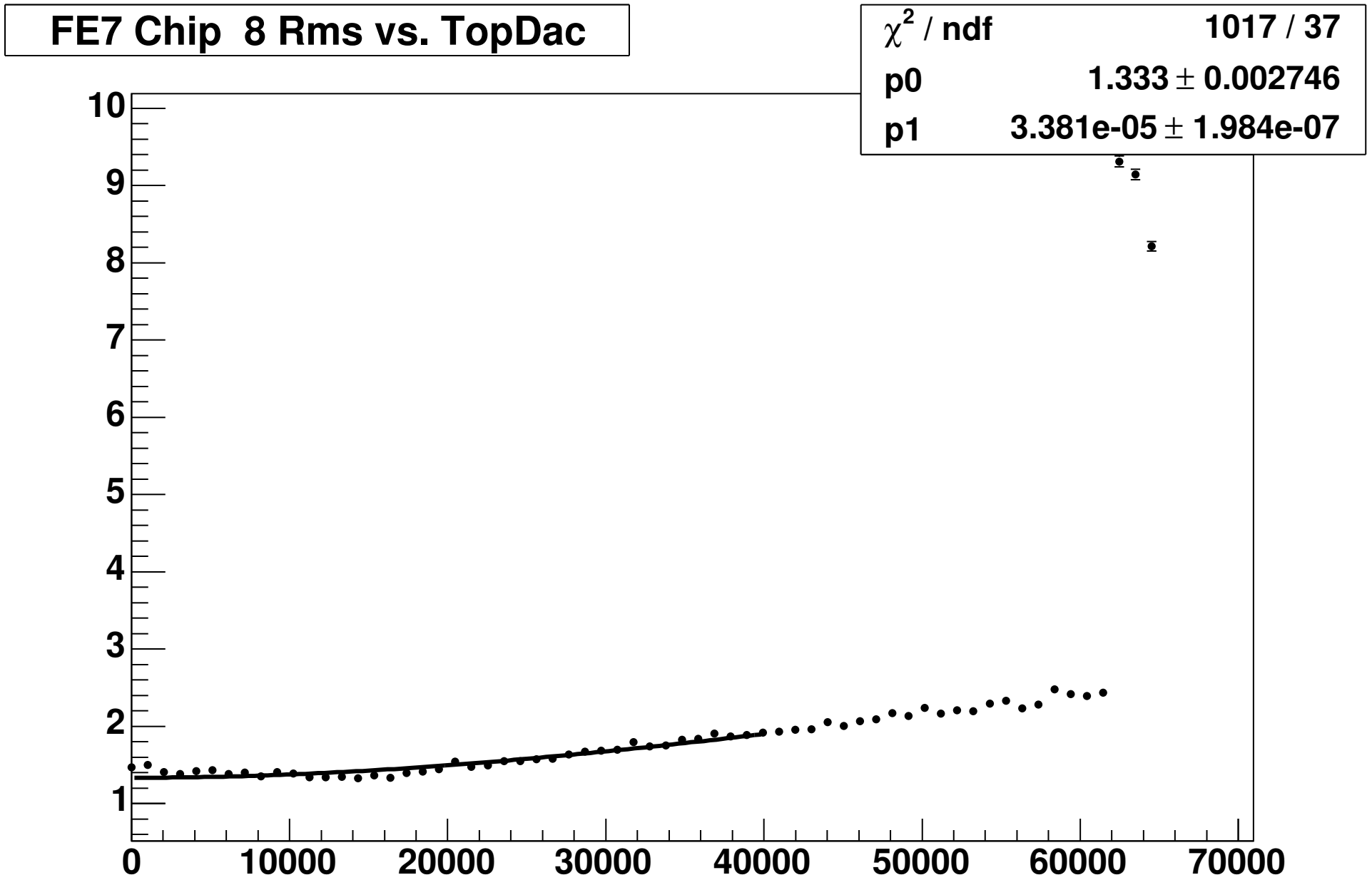
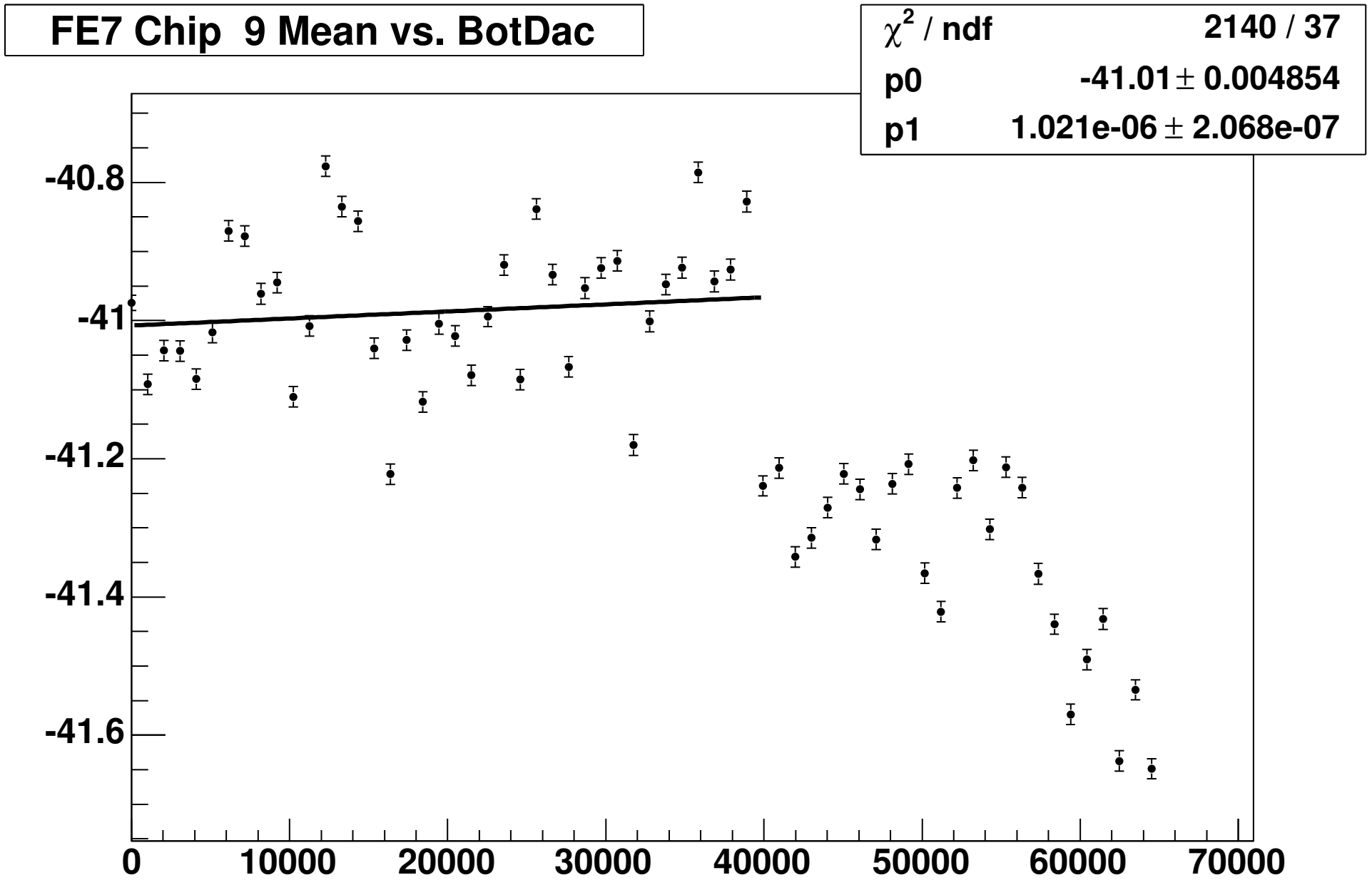
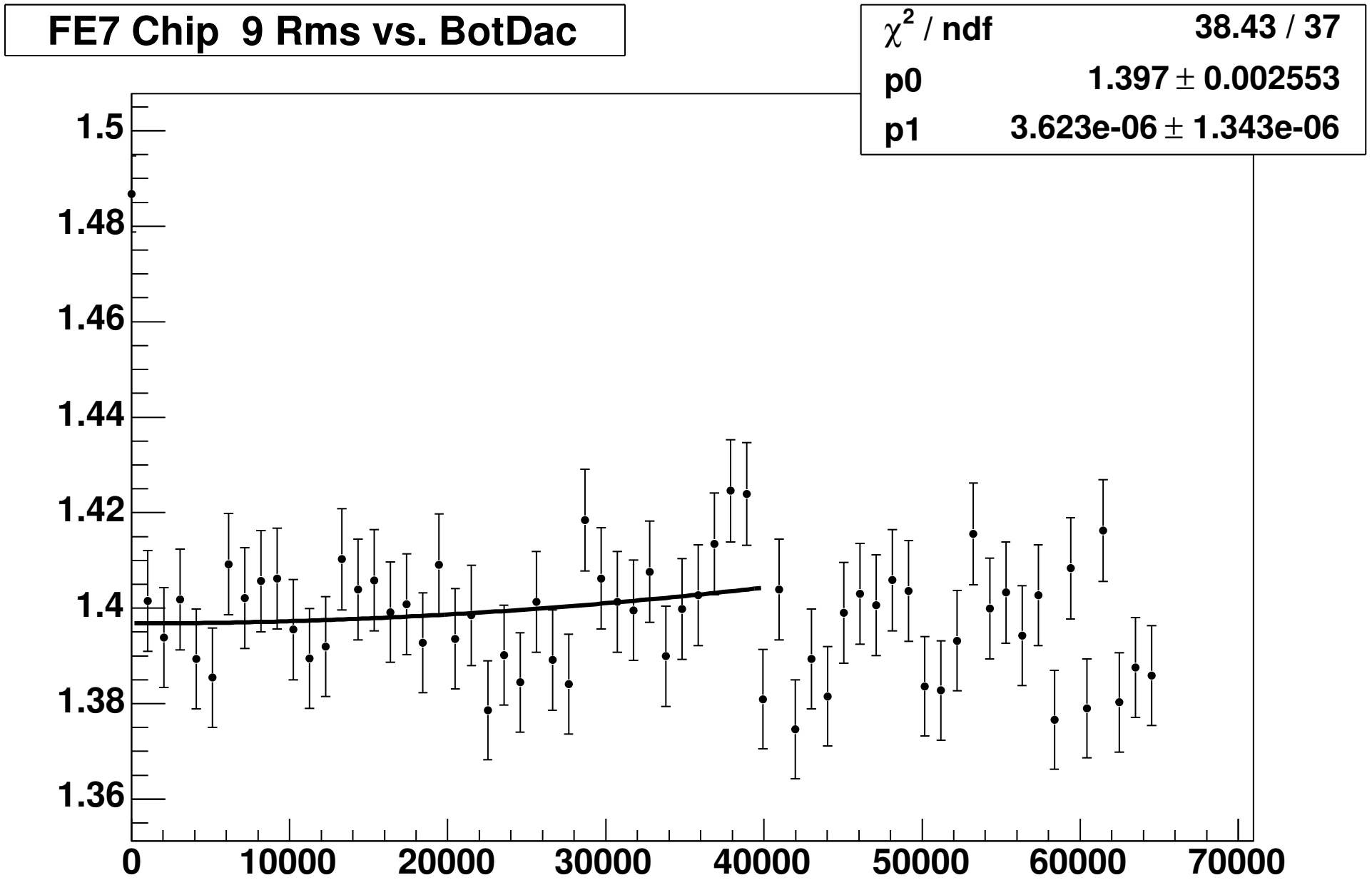
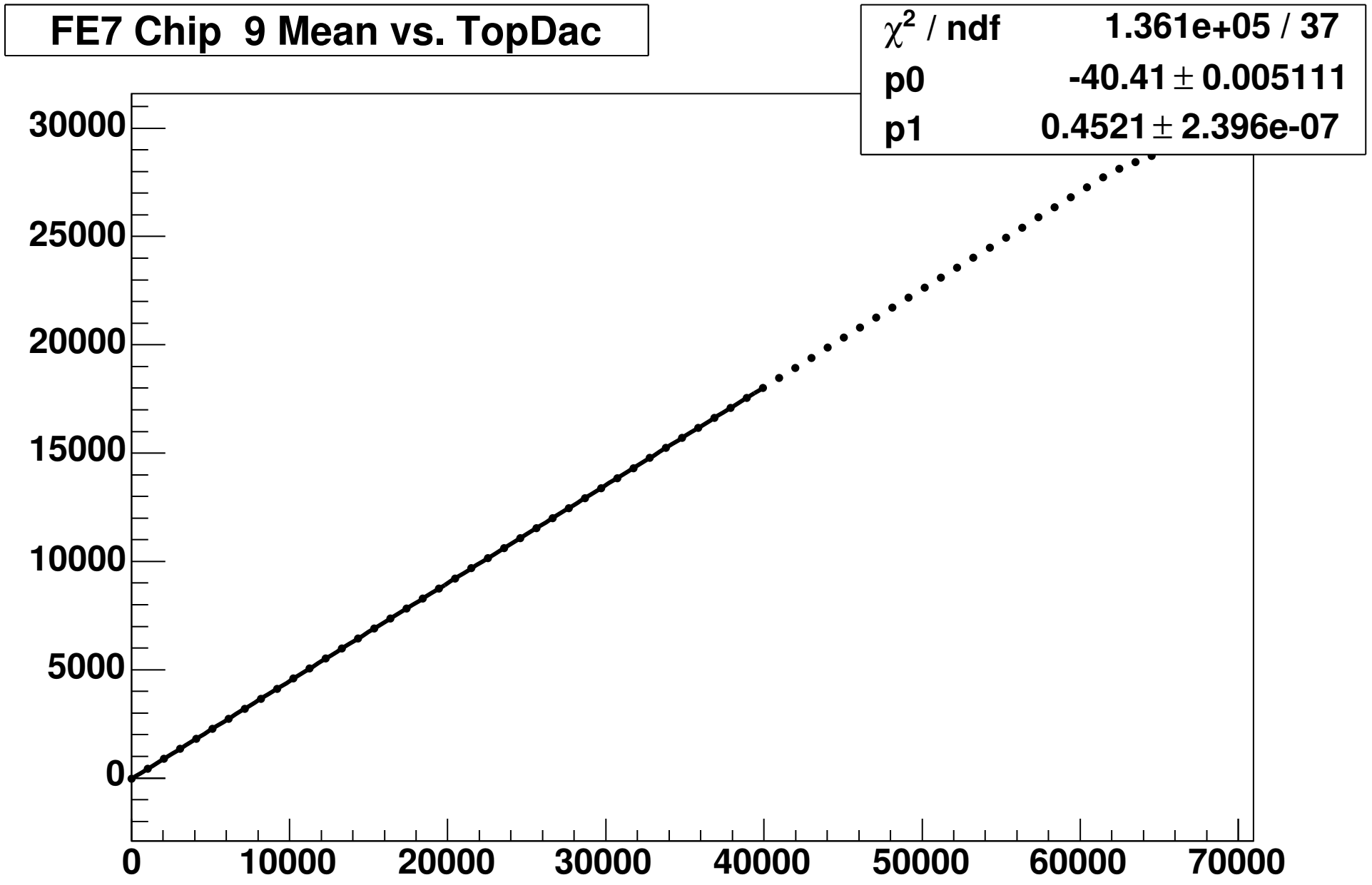
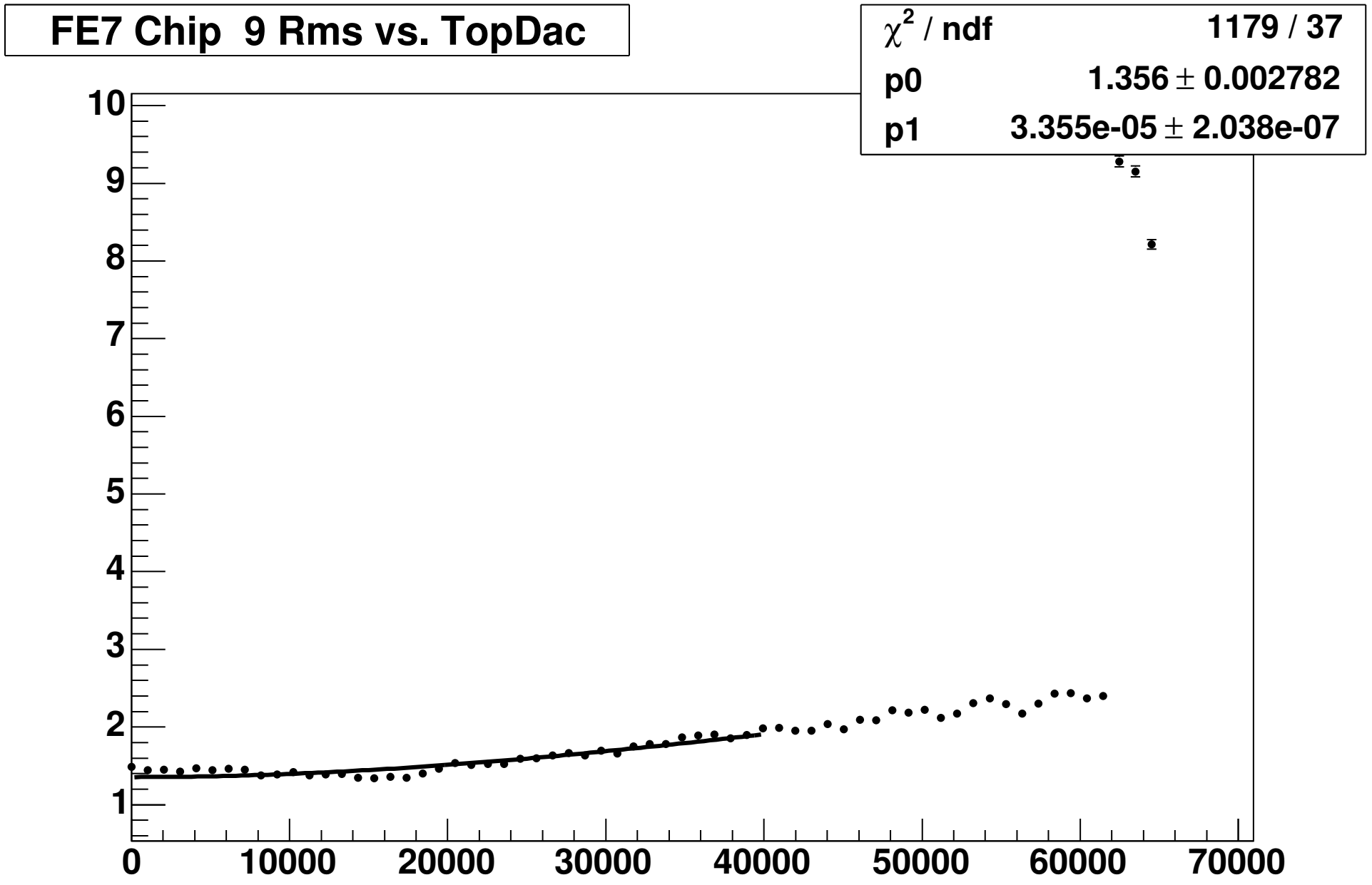
10000
20000
30000
40000
50000
60000
70000

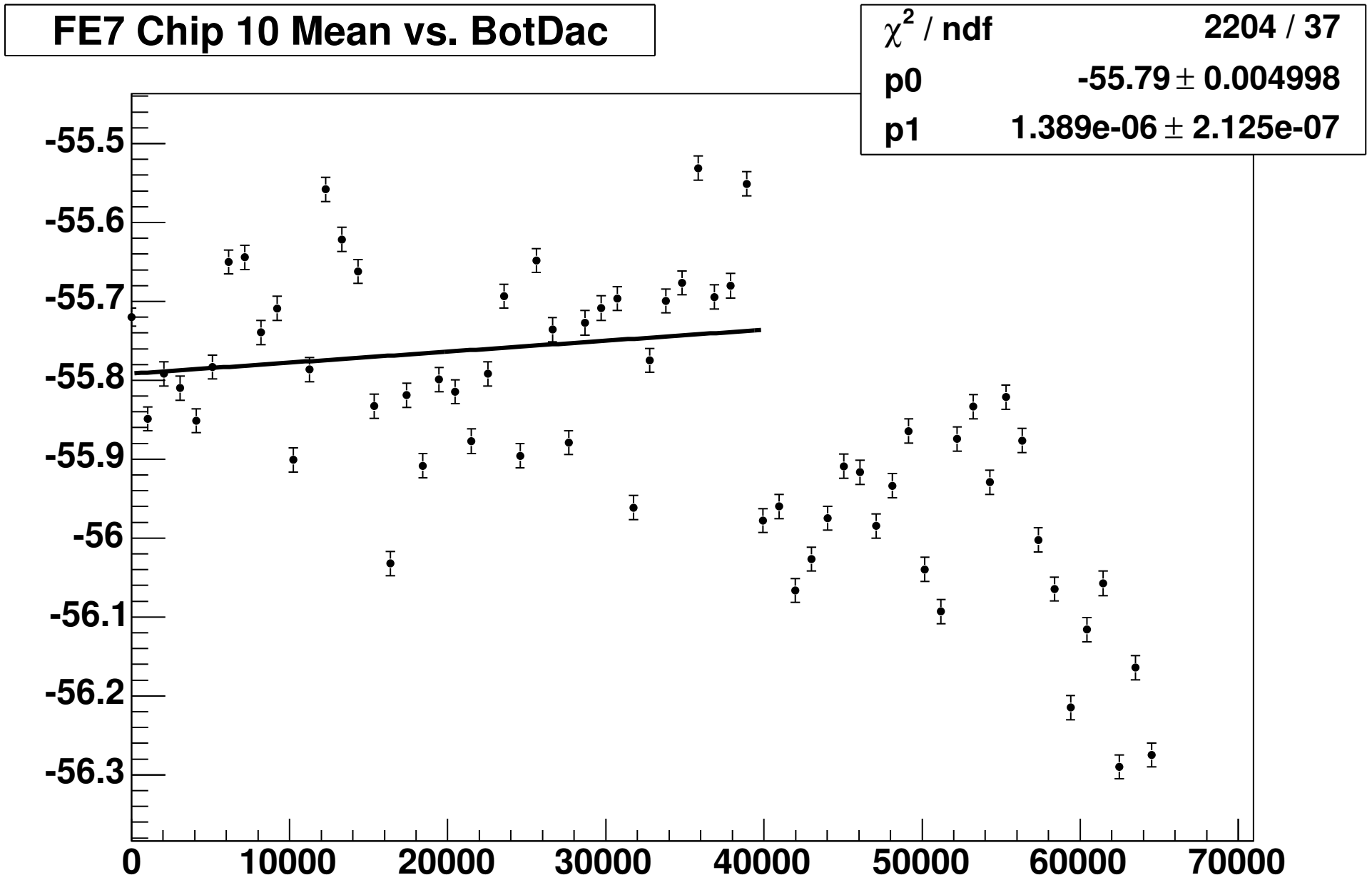

FE7 Chip 8 Rms vs. TopDac
χ² / ndf 1017 / 37
p0 1.333 ± 0.002746
p1 3.381e-05 ± 1.984e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

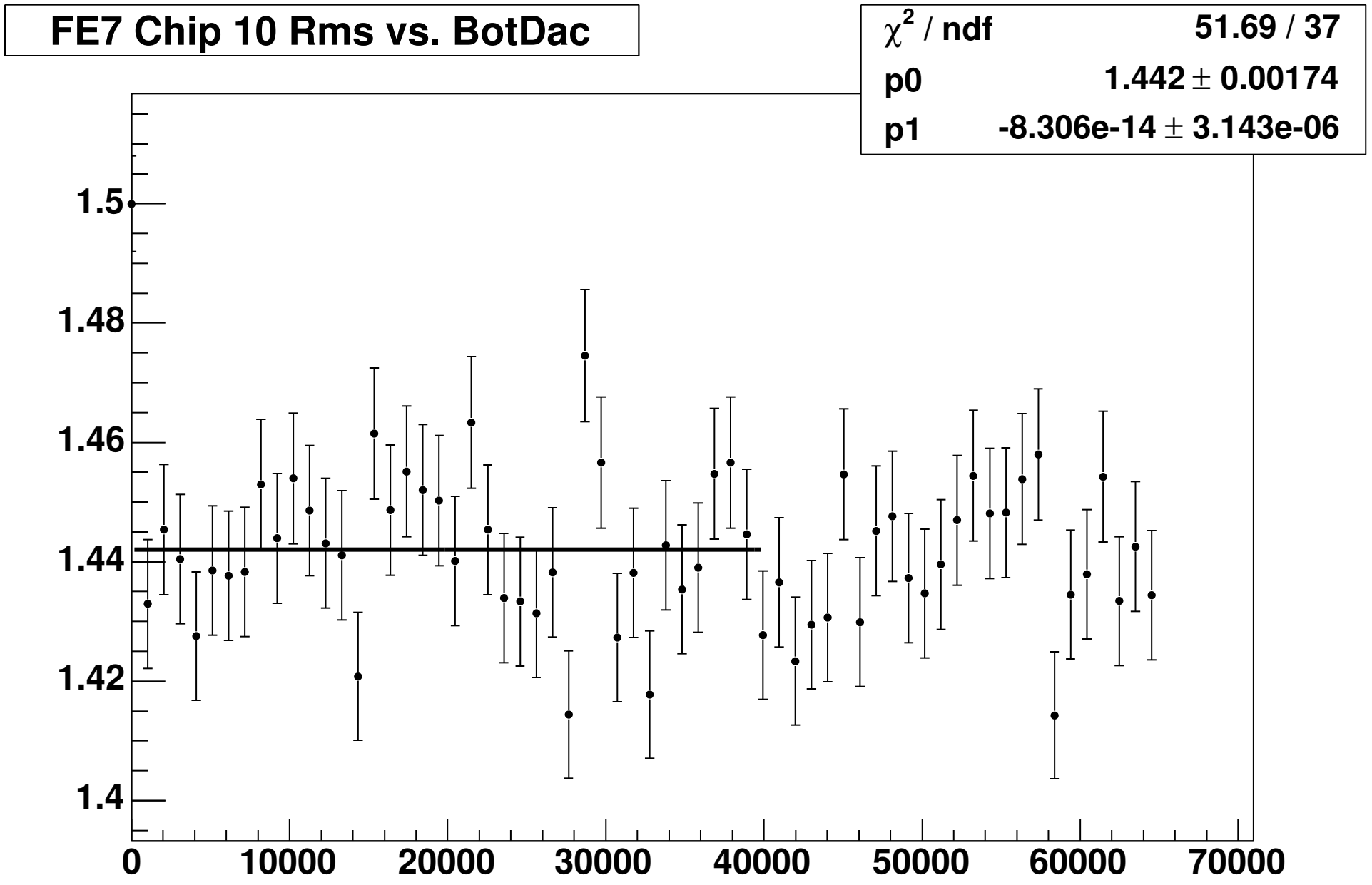

FE7 Chip 9 Mean vs. BotDac
χ² / ndf 2140 / 37
p0 -41.01 ± 0.004854
p1 1.021e-06 ± 2.068e-07
-40.8
-41
-41.2
-41.4
-41.6
0
10000
20000
30000
40000
50000
60000
70000

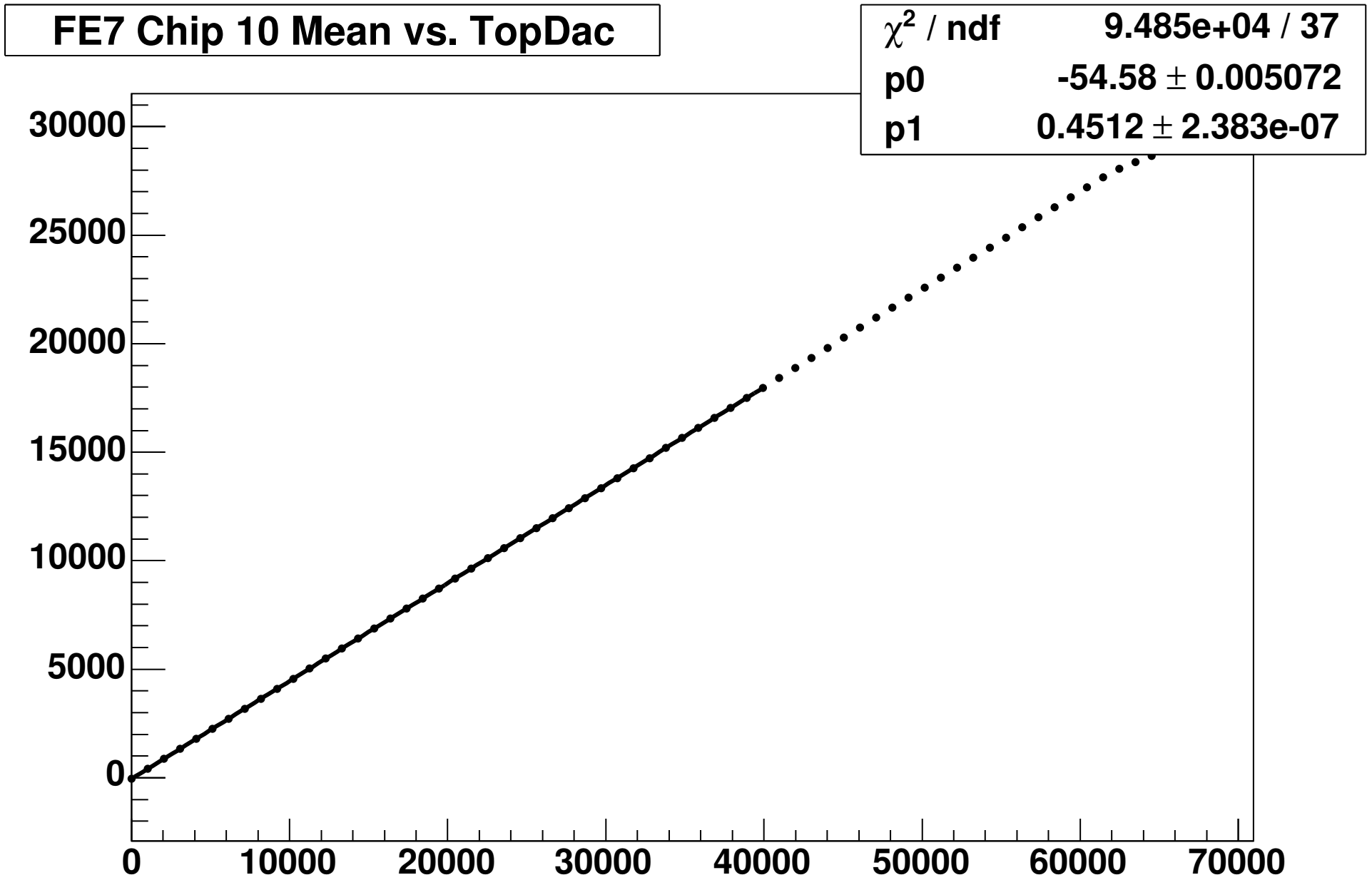

FE7 Chip 9 Rms vs. BotDac
χ² / ndf 38.43 / 37
p0 1.397 ± 0.002553
p1 3.623e-06 ± 1.343e-06
1.5
1.48
1.46
1.44
1.42
1.4
1.38
1.36
0
10000
20000
30000
40000
50000
60000
70000

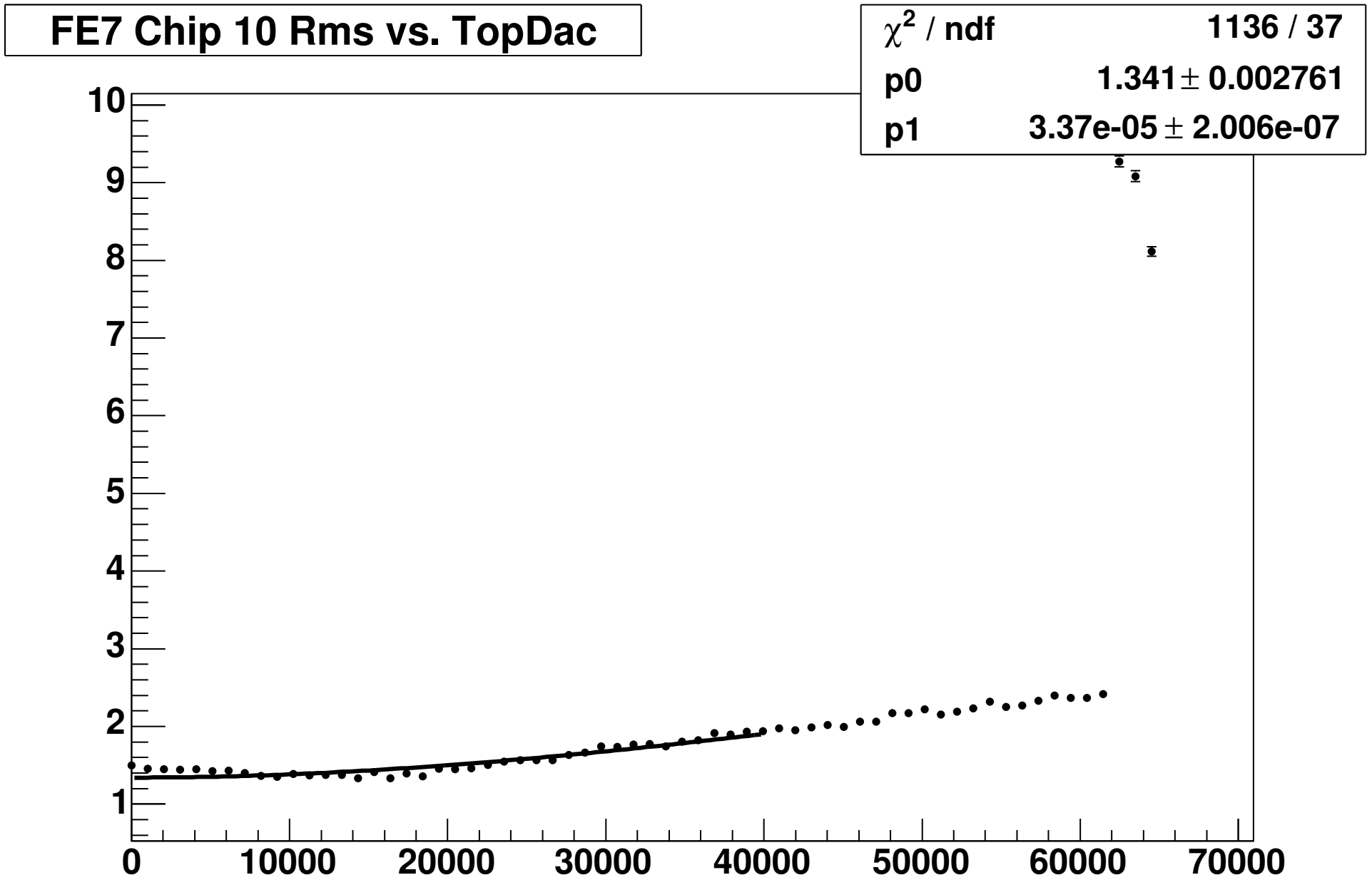

FE7 Chip 9 Mean vs. TopDac
χ² / ndf 1.361e+05 / 37
p0 -40.41 ± 0.005111
p1 0.4521 ± 2.396e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000

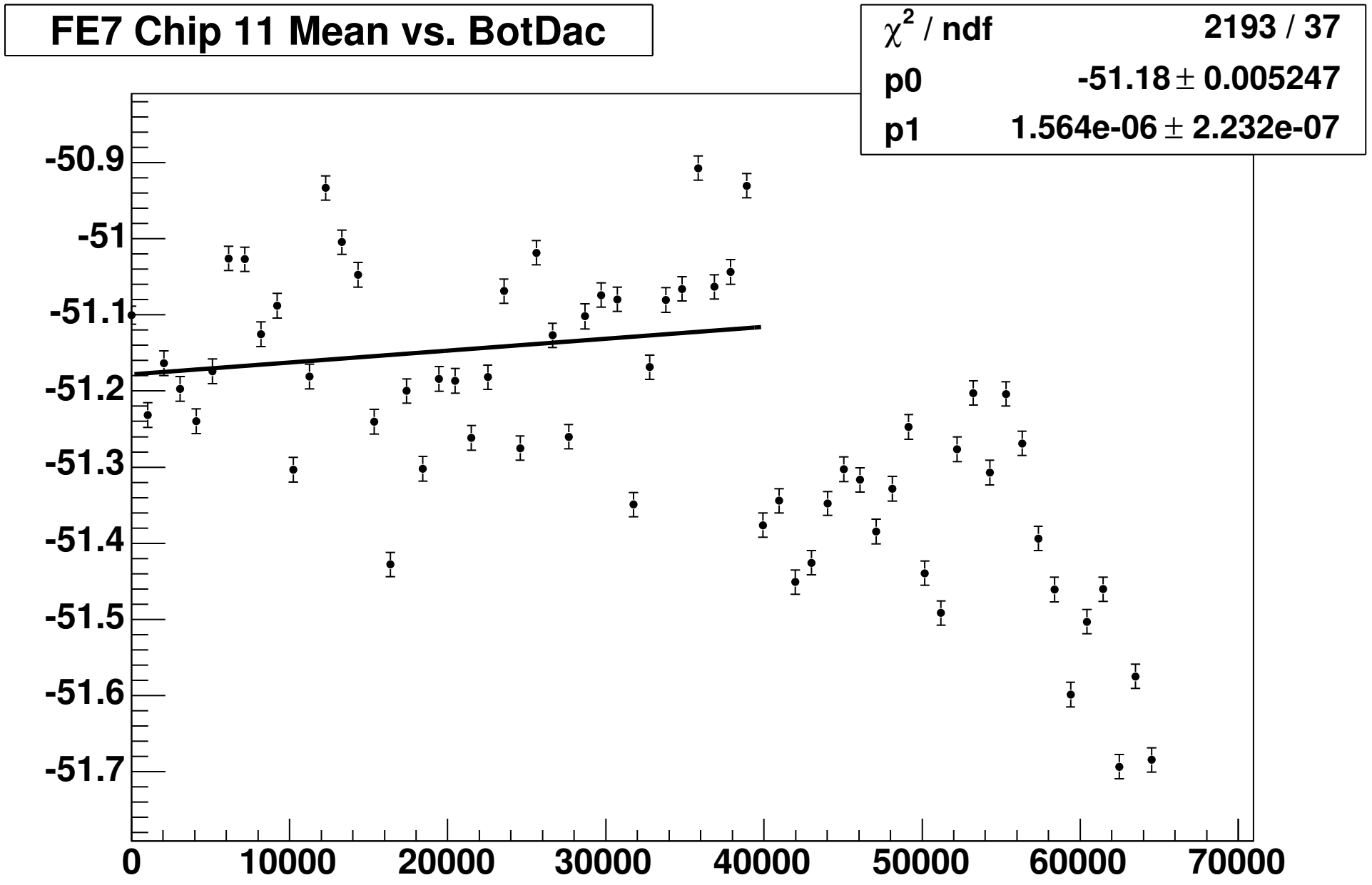

FE7 Chip 9 Rms vs. TopDac
χ² / ndf 1179 / 37
p0 1.356 ± 0.002782
p1 3.355e-05 ± 2.038e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

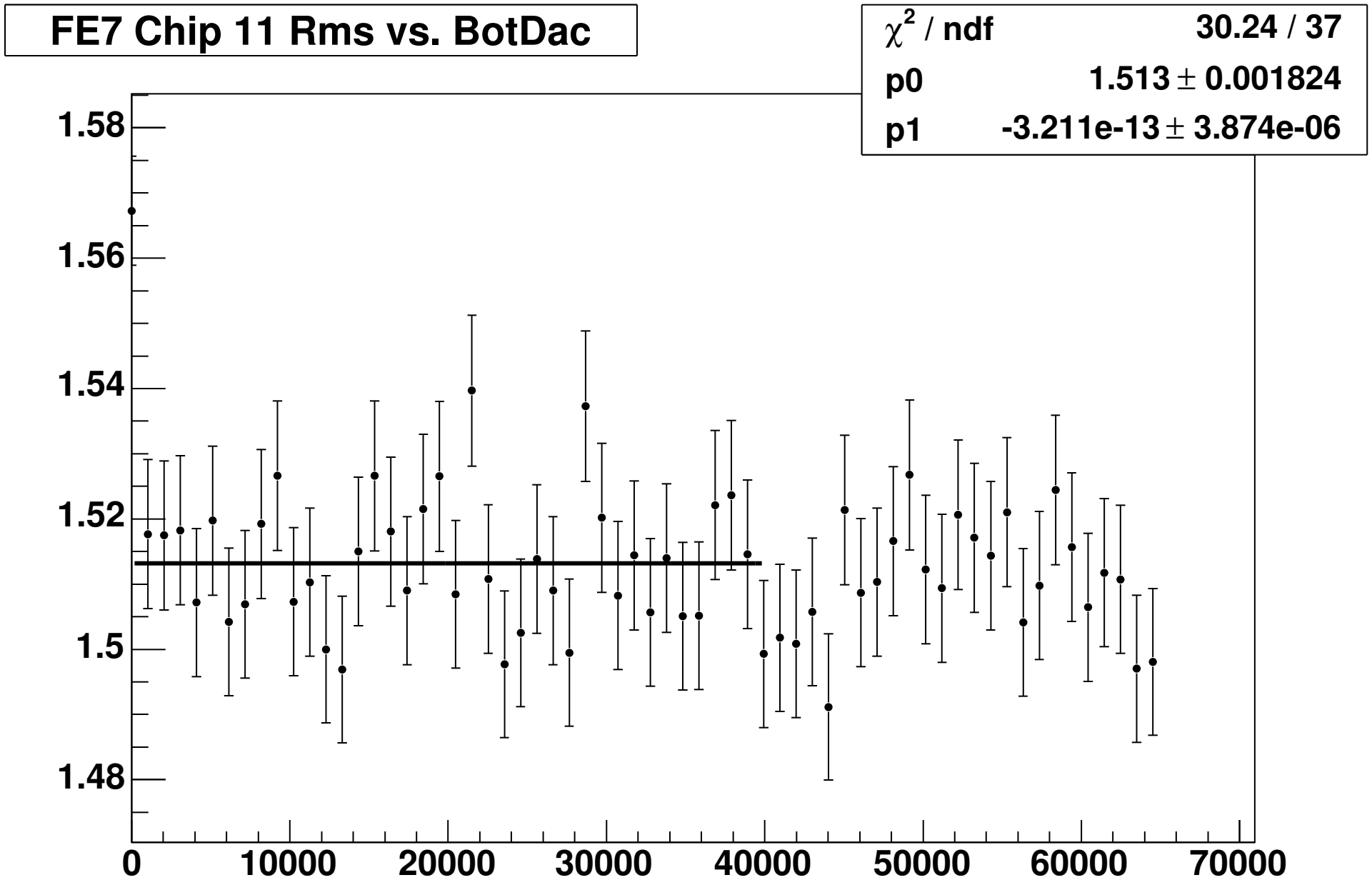

FE7 Chip 10 Mean vs. BotDac
χ² / ndf 2204 / 37
p0 -55.79 ± 0.004998
p1 1.389e-06 ± 2.125e-07
-55.5
-55.6
-55.7
-55.8
-55.9
-56
-56.1
-56.2
-56.3
0
10000
20000
30000
40000
50000
60000
70000

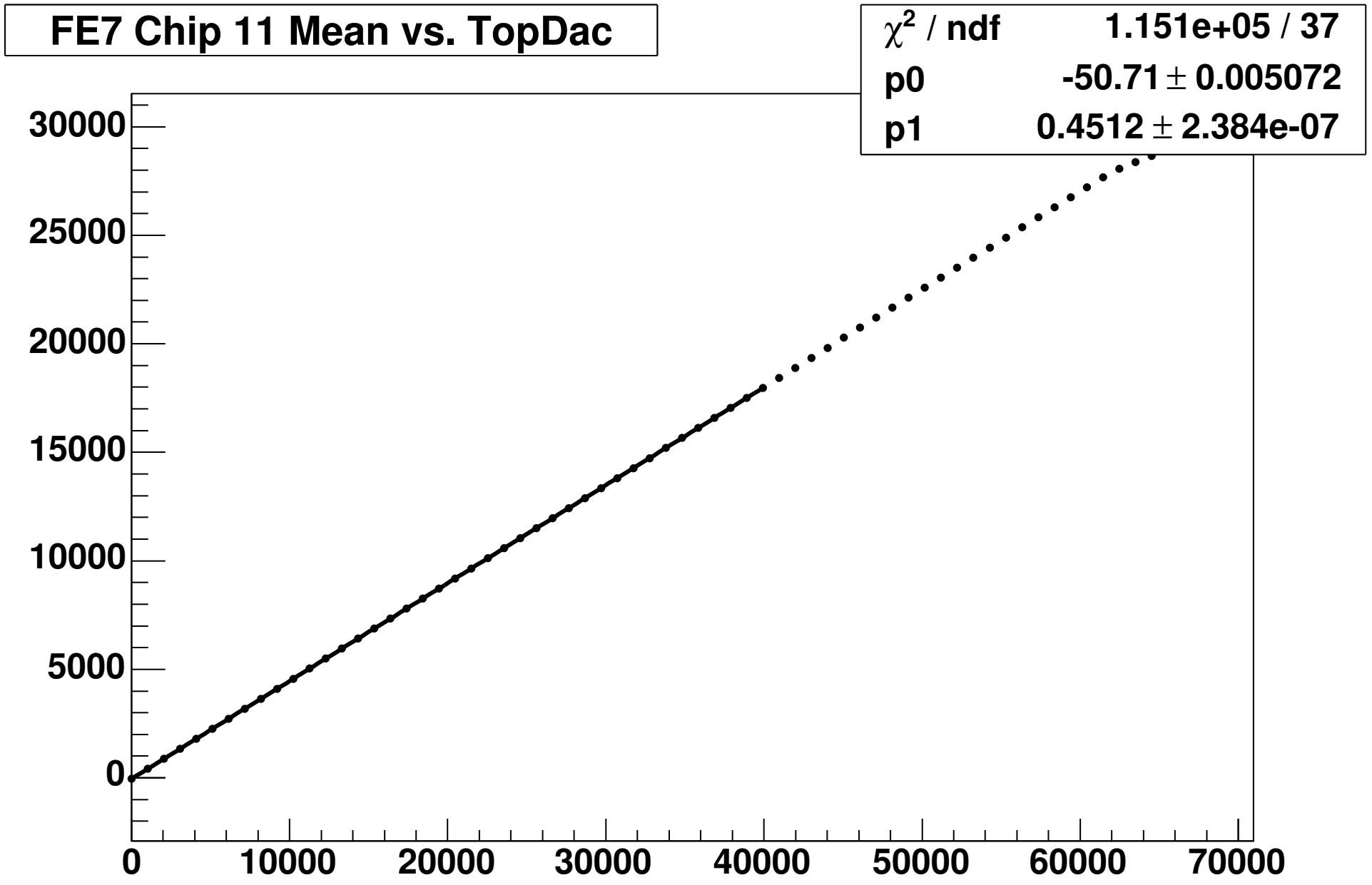

FE7 Chip 10 Rms vs. BotDac
χ² / ndf 51.69 / 37
p0 1.442 ± 0.00174
p1 -8.306e-14 ± 3.143e-06
1.5
1.48
1.46
1.44
1.42
1.4
0
10000
20000
30000
40000
50000
60000
70000

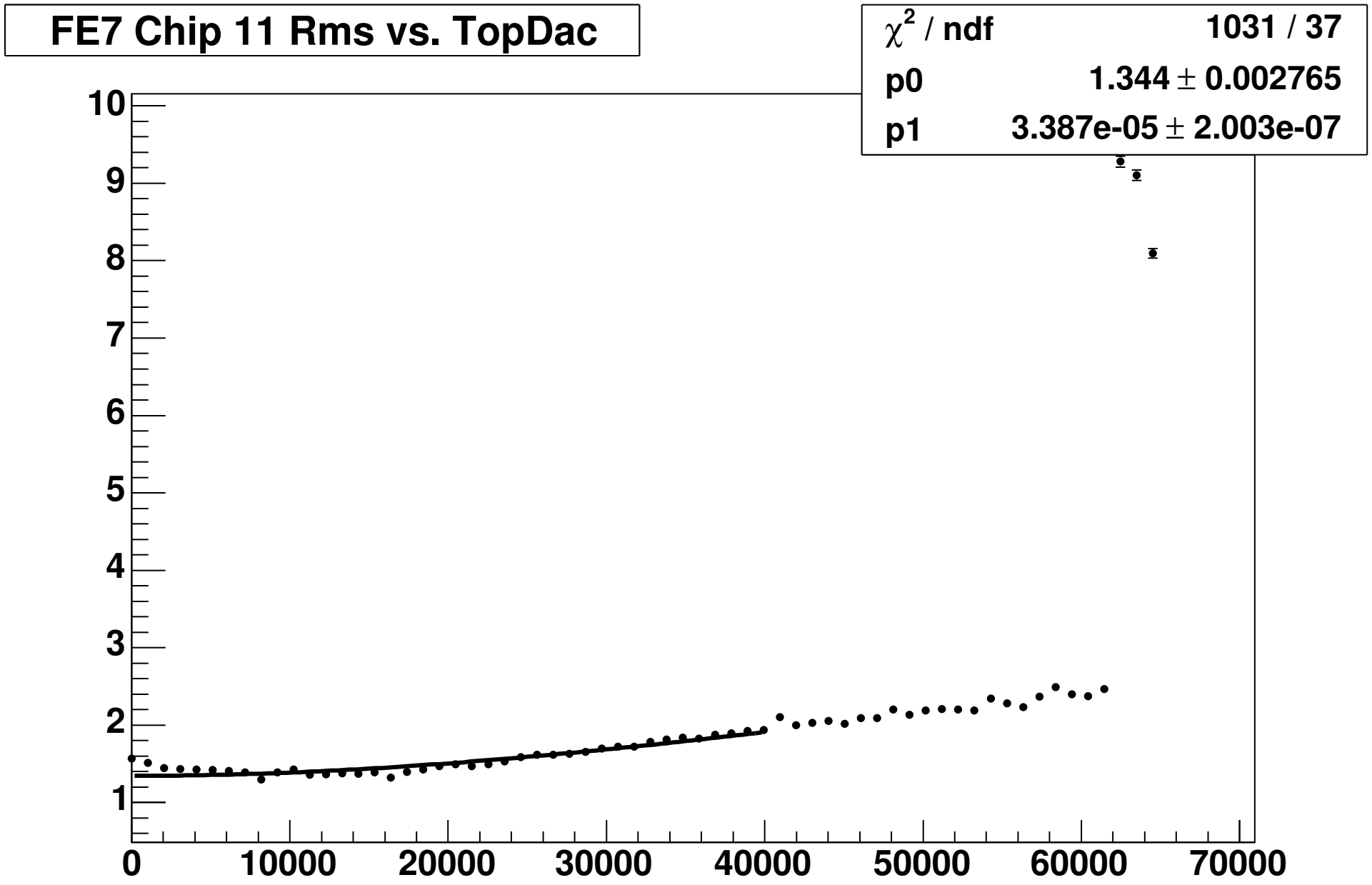

FE7 Chip 10 Mean vs. TopDac
χ² / ndf 9.485e+04 / 37
p0 -54.58 ± 0.005072
p1 0.4512 ± 2.383e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000

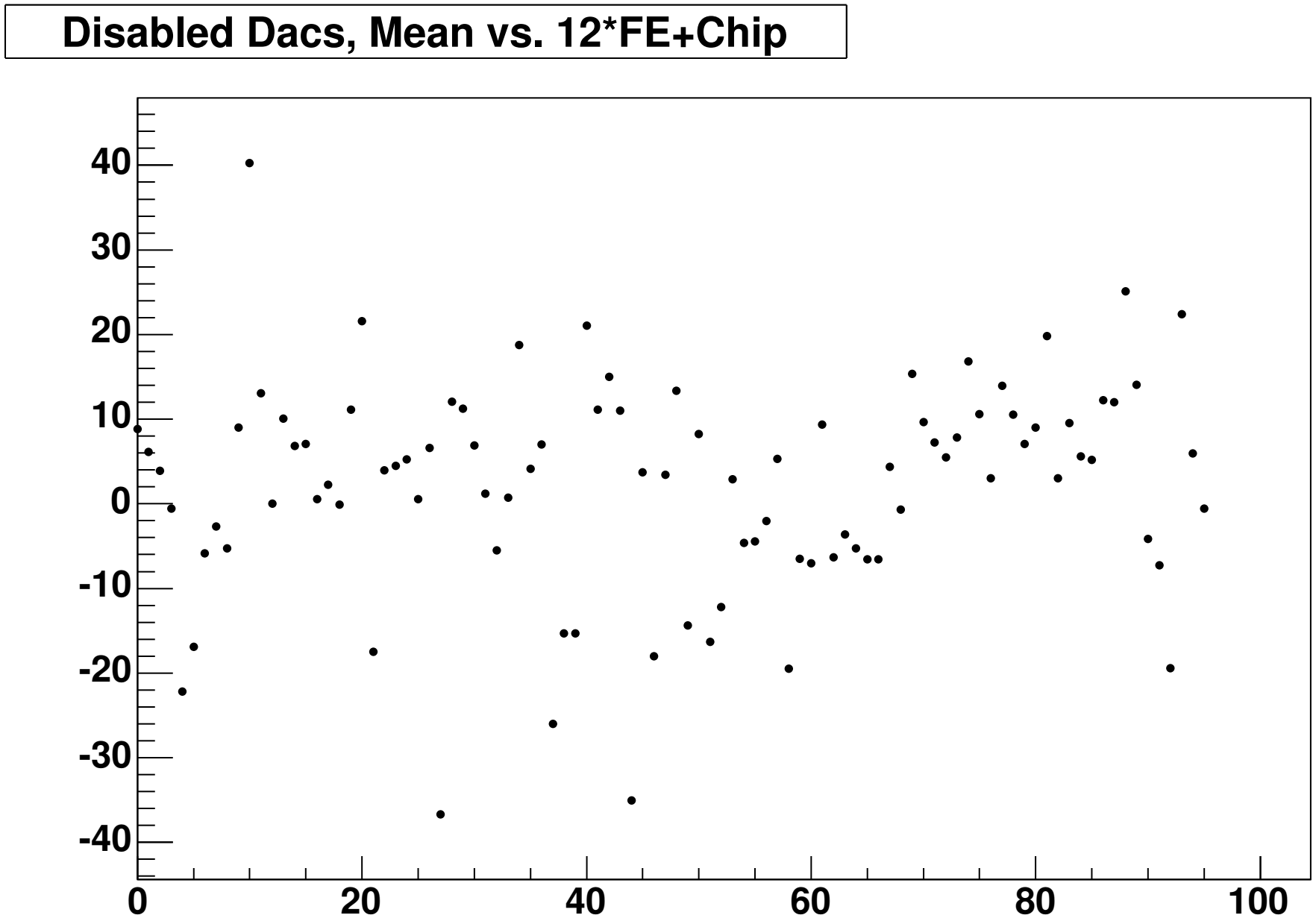

FE7 Chip 10 Rms vs. TopDac
χ² / ndf 1136 / 37
p0 1.341 ± 0.002761
p1 3.37e-05 ± 2.006e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

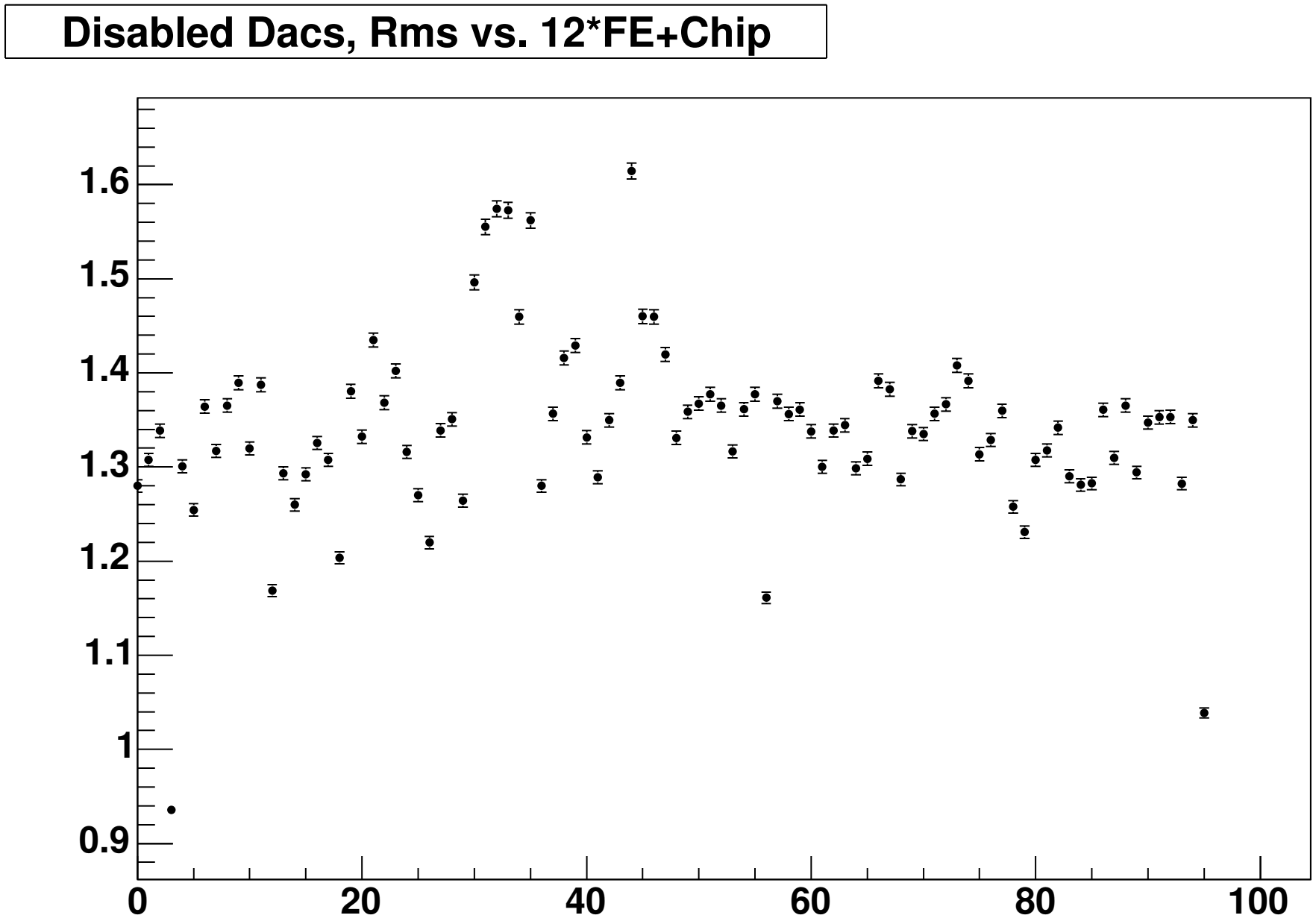

FE7 Chip 11 Mean vs. BotDac
χ² / ndf 2193 / 37
p0 -51.18 ± 0.005247
p1 1.564e-06 ± 2.232e-07
-50.9
-51
-51.1
-51.2
-51.3
-51.4
-51.5
-51.6
-51.7
0
10000
20000
30000
40000
50000
60000
70000

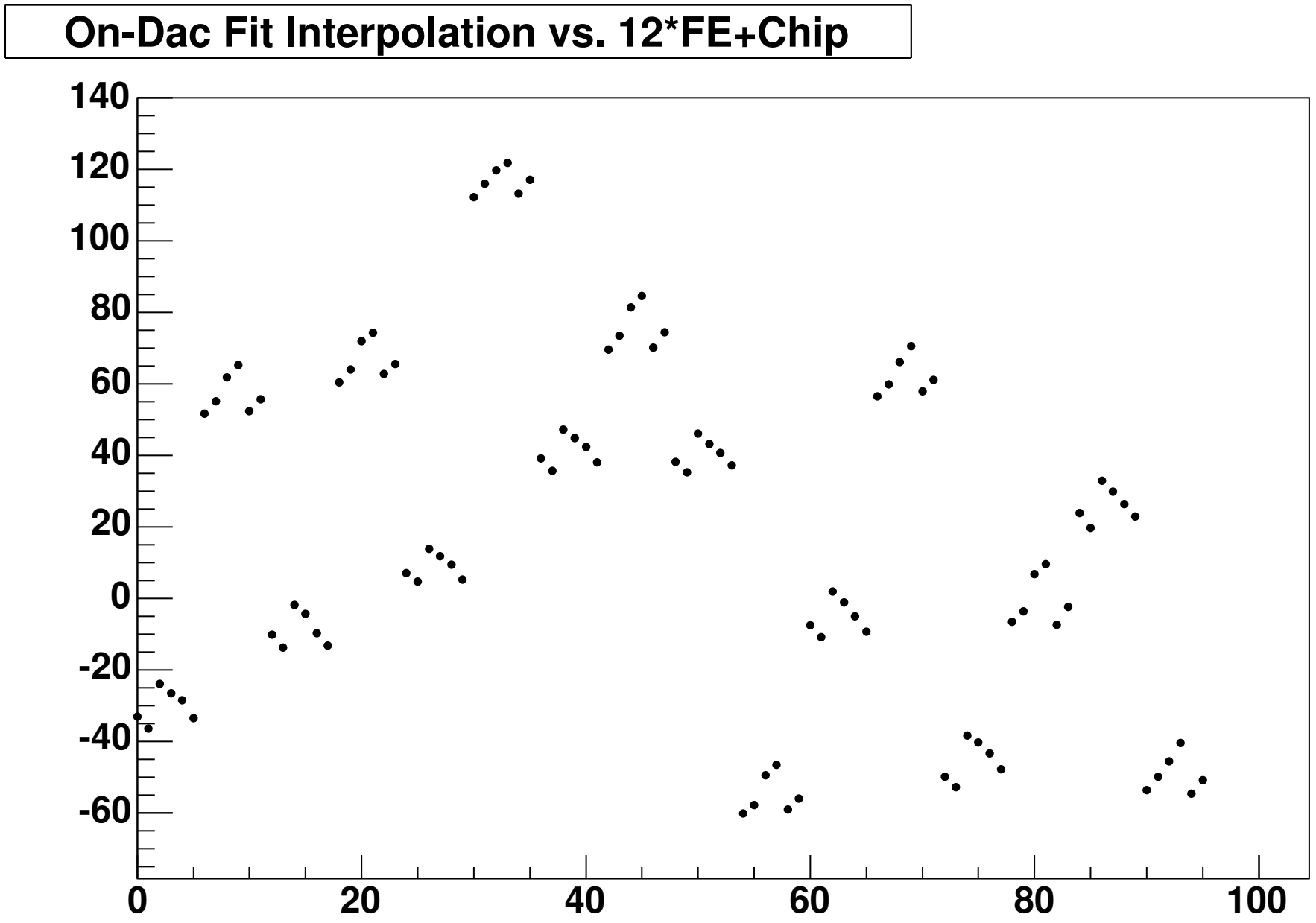

FE7 Chip 11 Rms vs. BotDac
χ² / ndf 30.24 / 37
p0 1.513 ± 0.001824
p1 -3.211e-13 ± 3.874e-06
1.58
1.56
1.54
1.52
1.5
1.48
0
10000
20000
30000
40000
50000
60000
70000

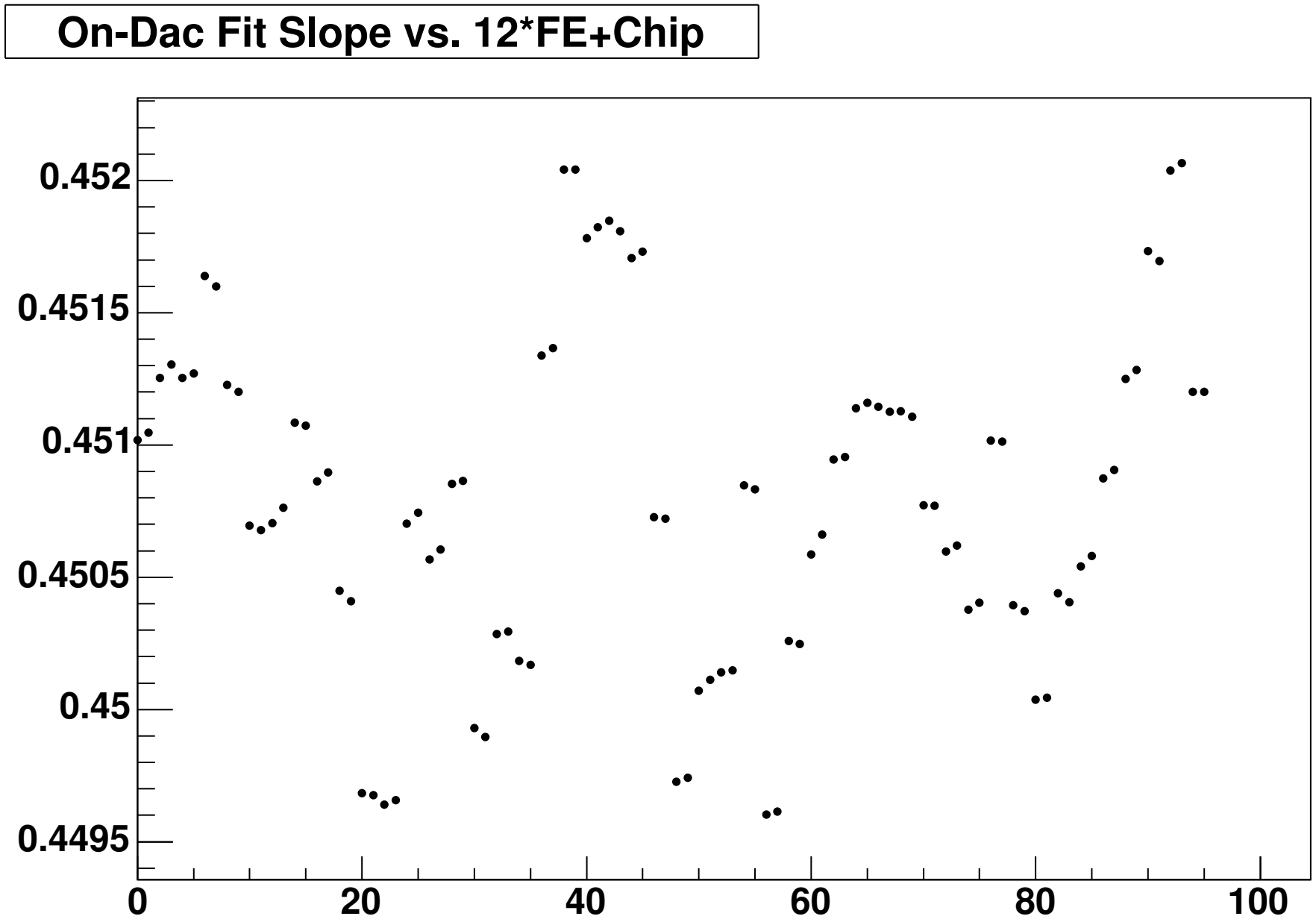

FE7 Chip 11 Mean vs. TopDac
χ² / ndf 1.151e+05 / 37
p0 -50.71 ± 0.005072
p1 0.4512 ± 2.384e-07
30000
25000
20000
15000
10000
5000
0
0
10000
20000
30000
40000
50000
60000
70000

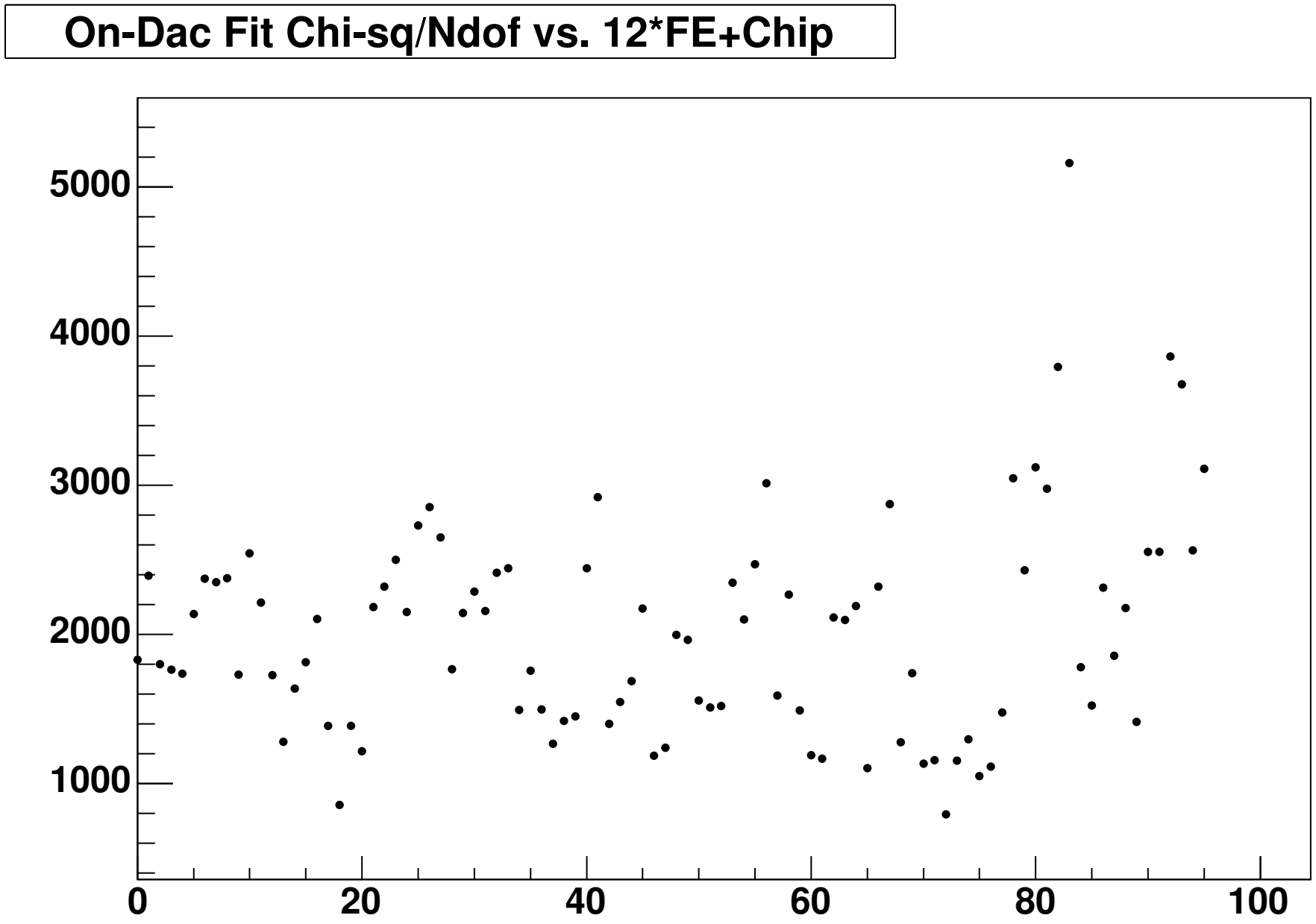

FE7 Chip 11 Rms vs. TopDac
χ² / ndf 1031 / 37
p0 1.344 ± 0.002765
p1 3.387e-05 ± 2.003e-07
10
9
8
7
6
5
4
3
2
1
0
10000
20000
30000
40000
50000
60000
70000

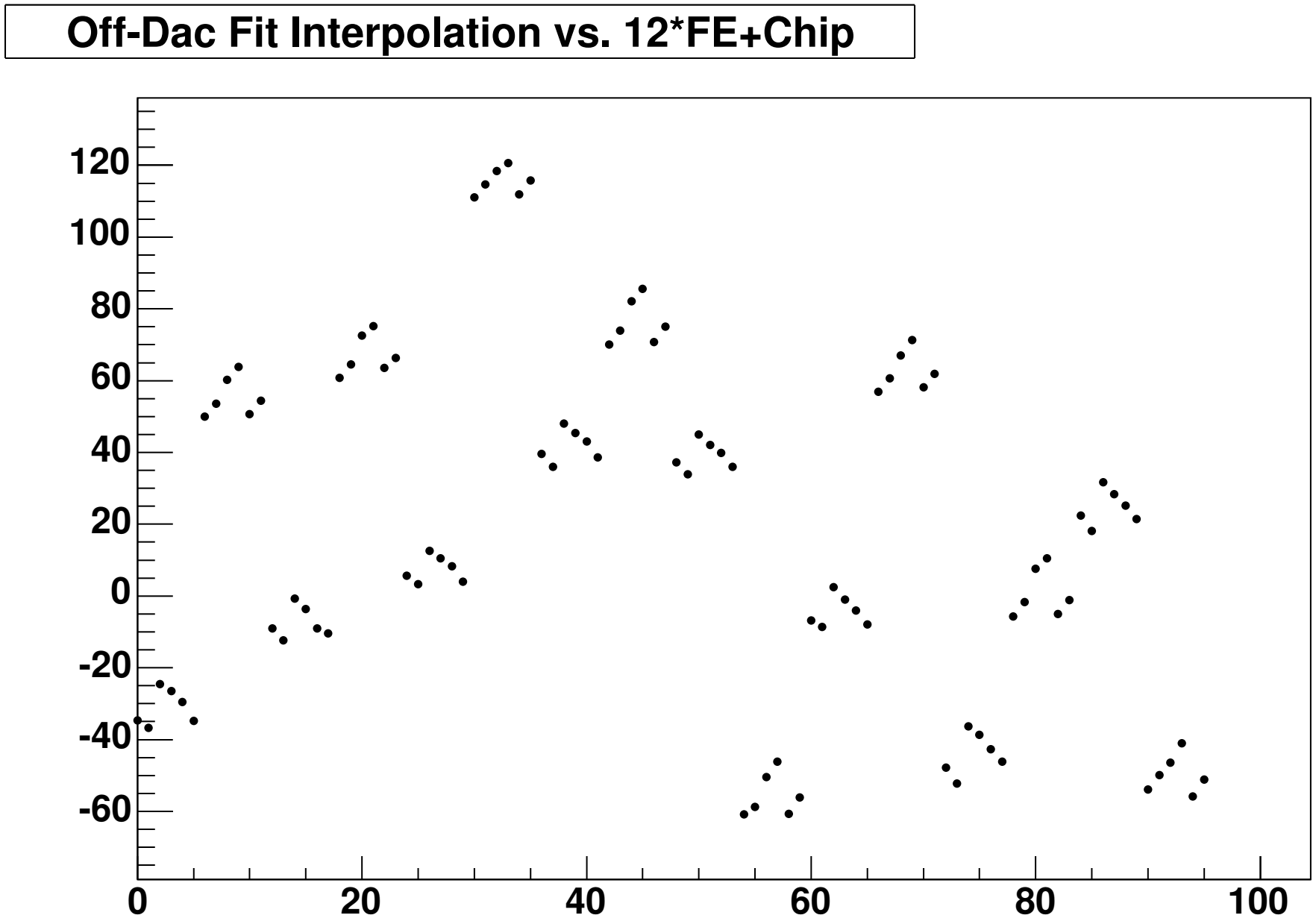

Disabled Dacs, Mean vs. 12*FE+Chip
40
30
20
10
0
-10
-20
-30
-40
0
20
40
60
80
100

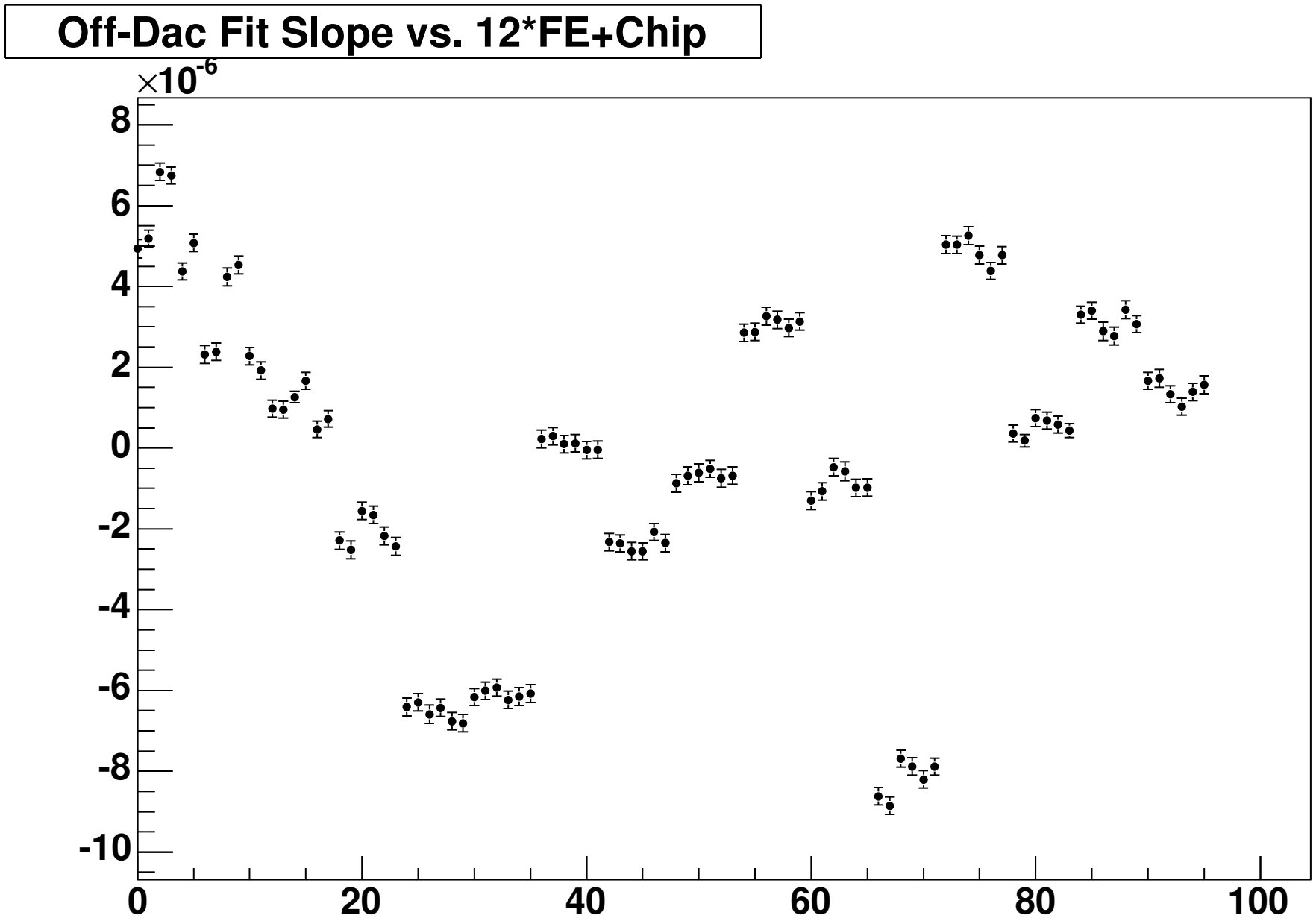

Disabled Dacs, Rms vs. 12*FE+Chip
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0
20
40
60
80
100

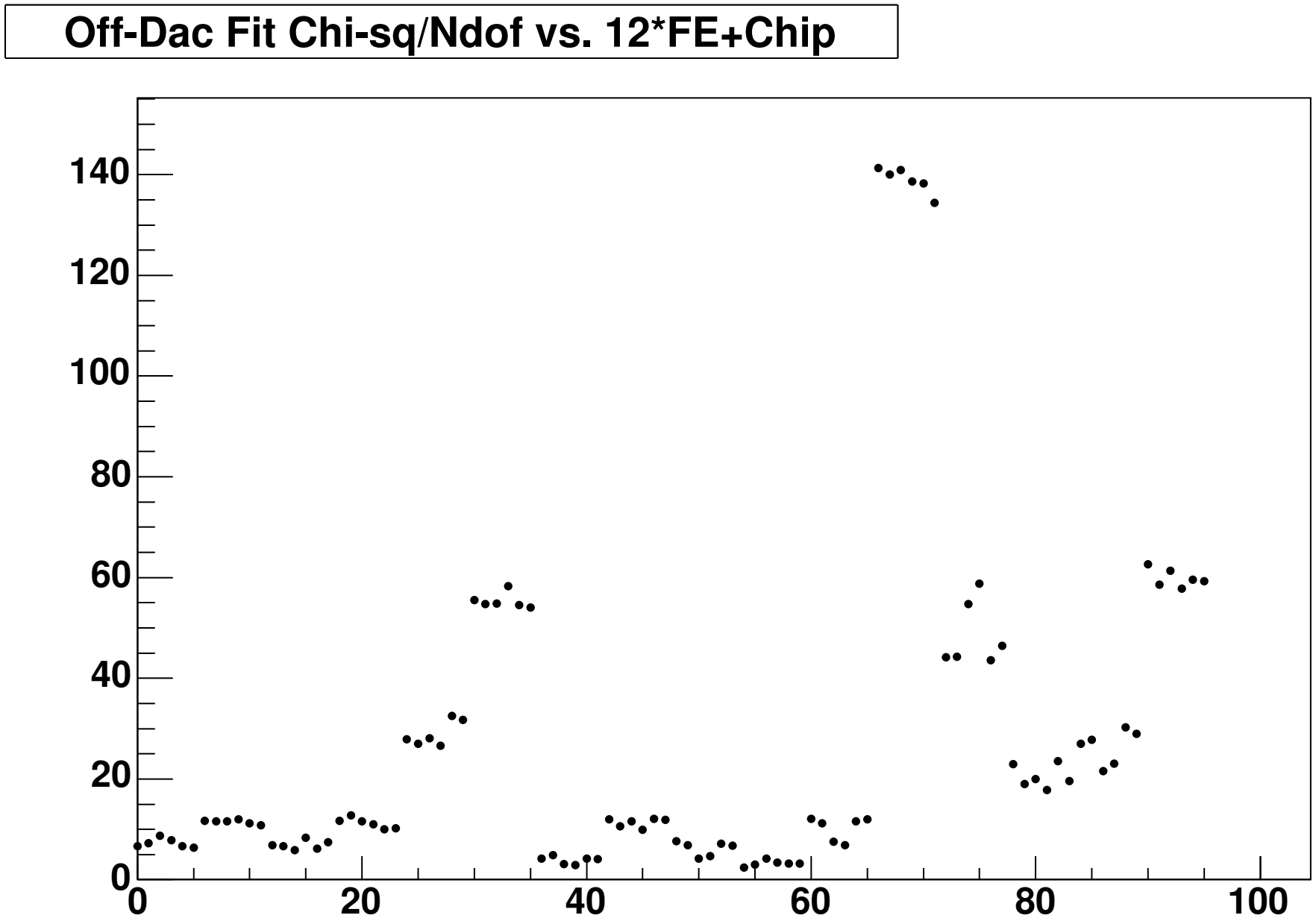

On-Dac Fit Interpolation vs. 12*FE+Chip
140
120
100
80
60
40
20
0
-20
-40
-60
0
20
40
60
80
100

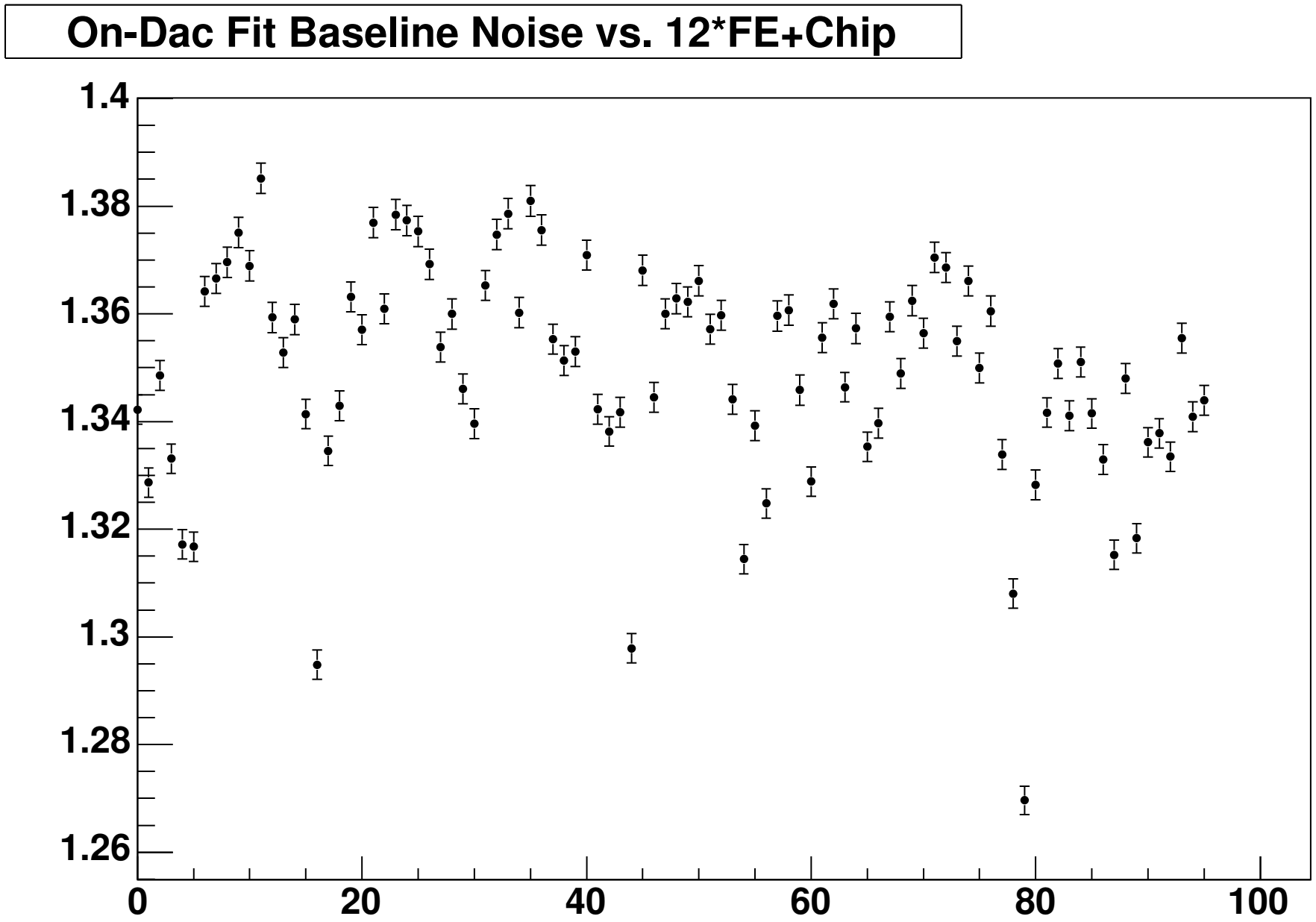

On-Dac Fit Slope vs. 12*FE+Chip
0.452
0.4515
0.451
0.4505
0.45
0.4495
0
20
40
60
80
100

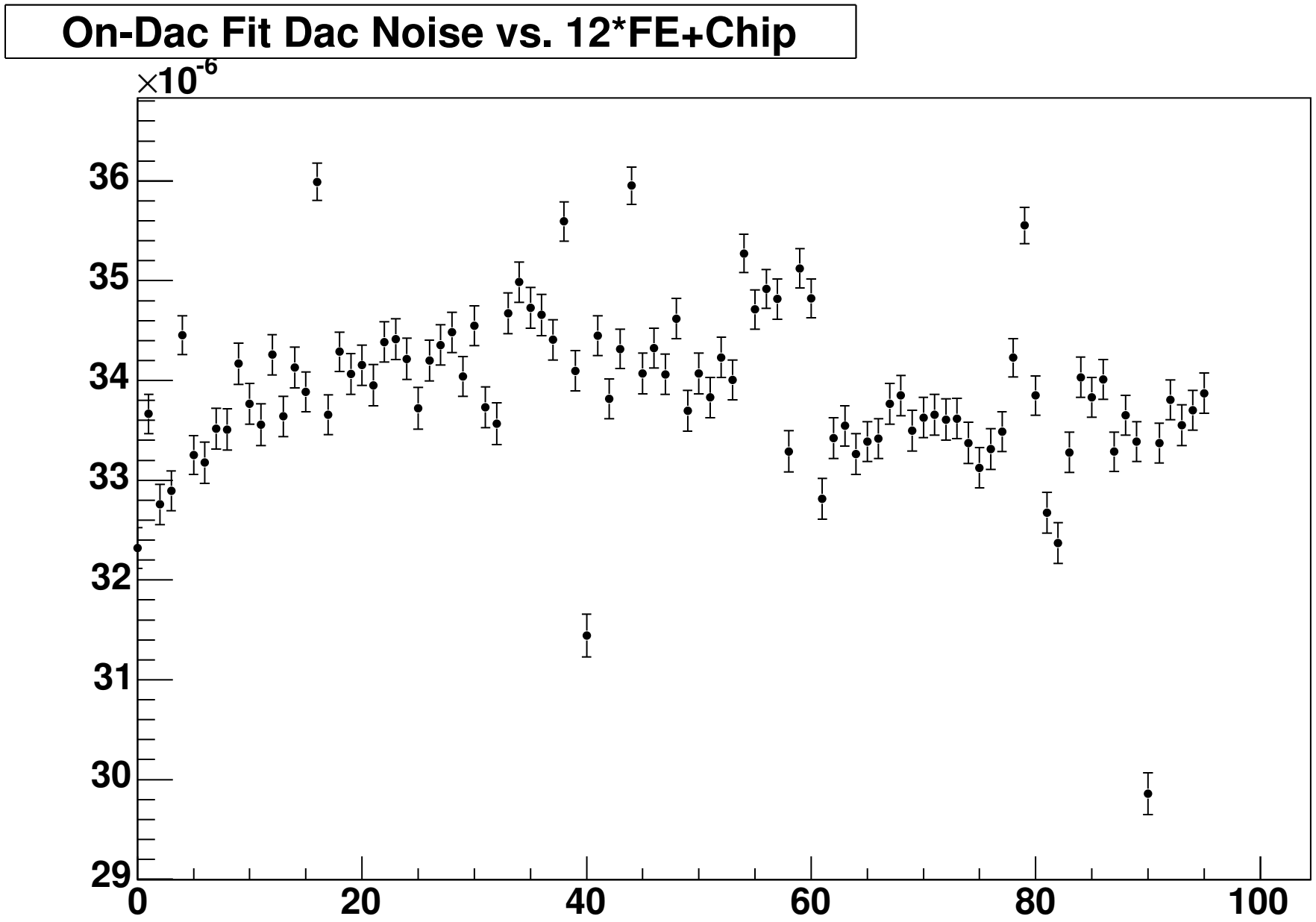

On-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
5000
4000
3000
2000
1000
0
20
40
60
80
100

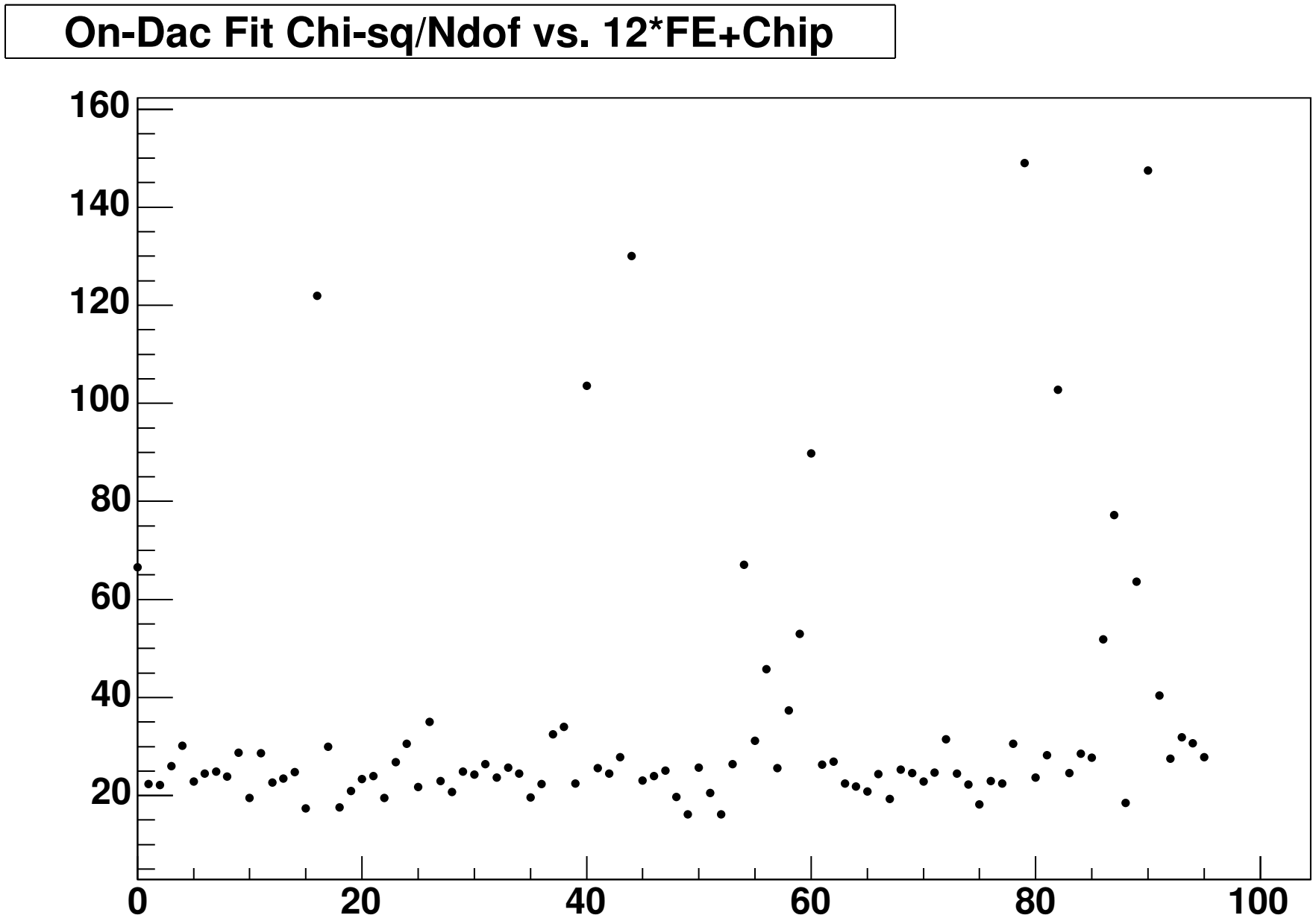

Off-Dac Fit Interpolation vs. 12*FE+Chip
120
100
80
60
40
20
0
-20
-40
-60
0
20
40
60
80
100

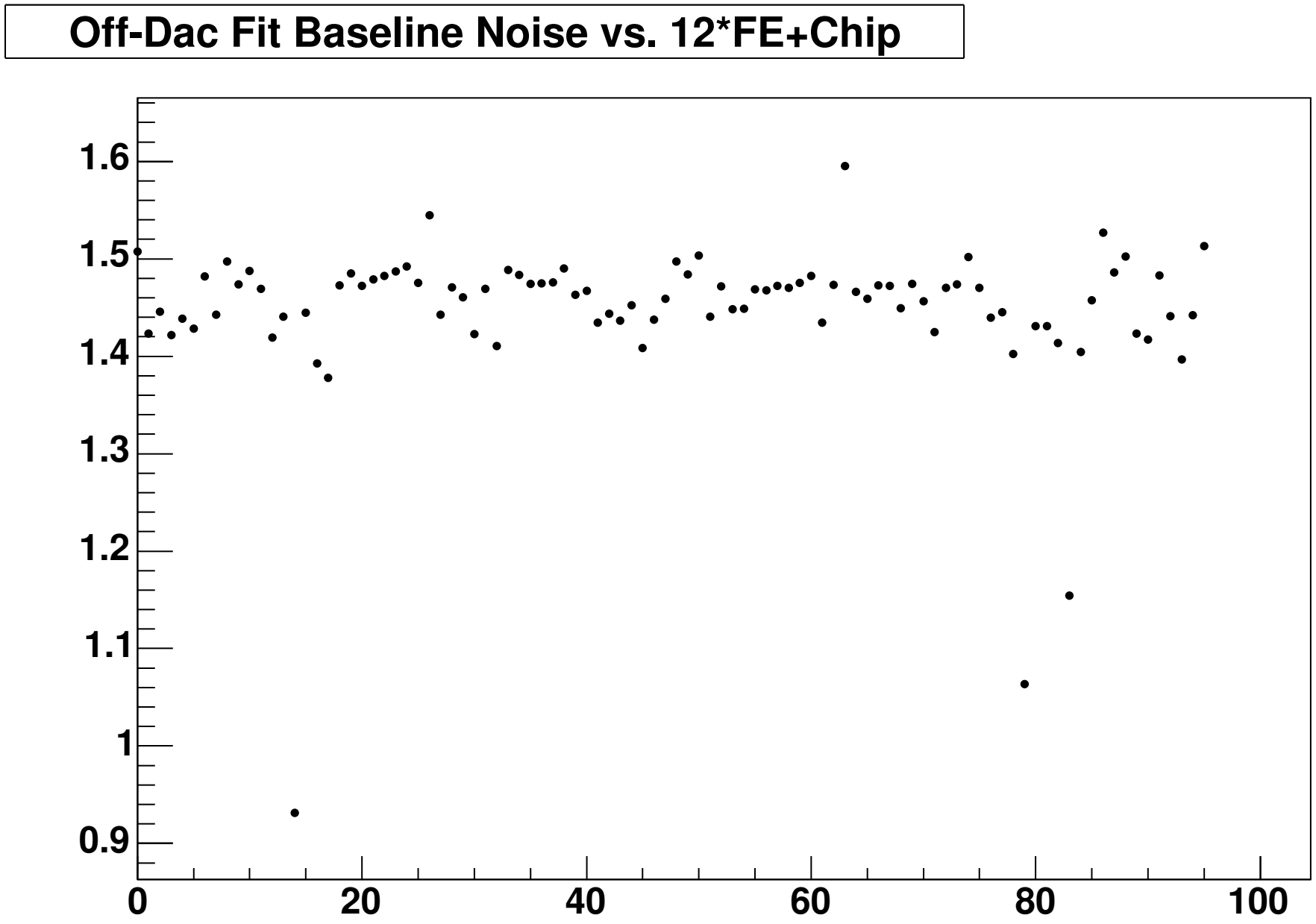

Off-Dac Fit Slope vs. 12*FE+Chip
×10^-6
8
6
4
2
0
-2
-4
-6
-8
-10
0
20
40
60
80
100

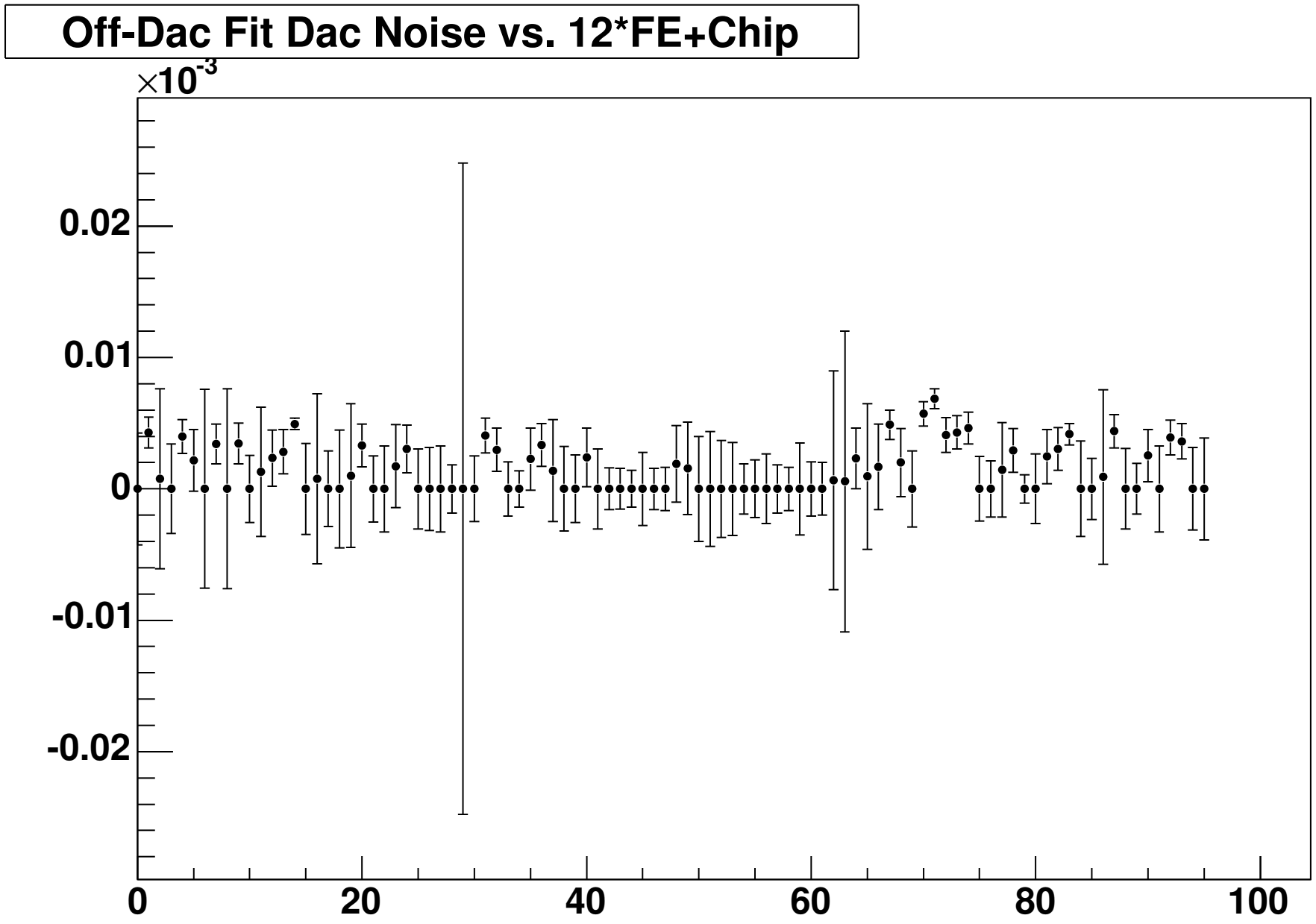

Off-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
140
120
100
80
60
40
20
0
0
20
40
60
80
100

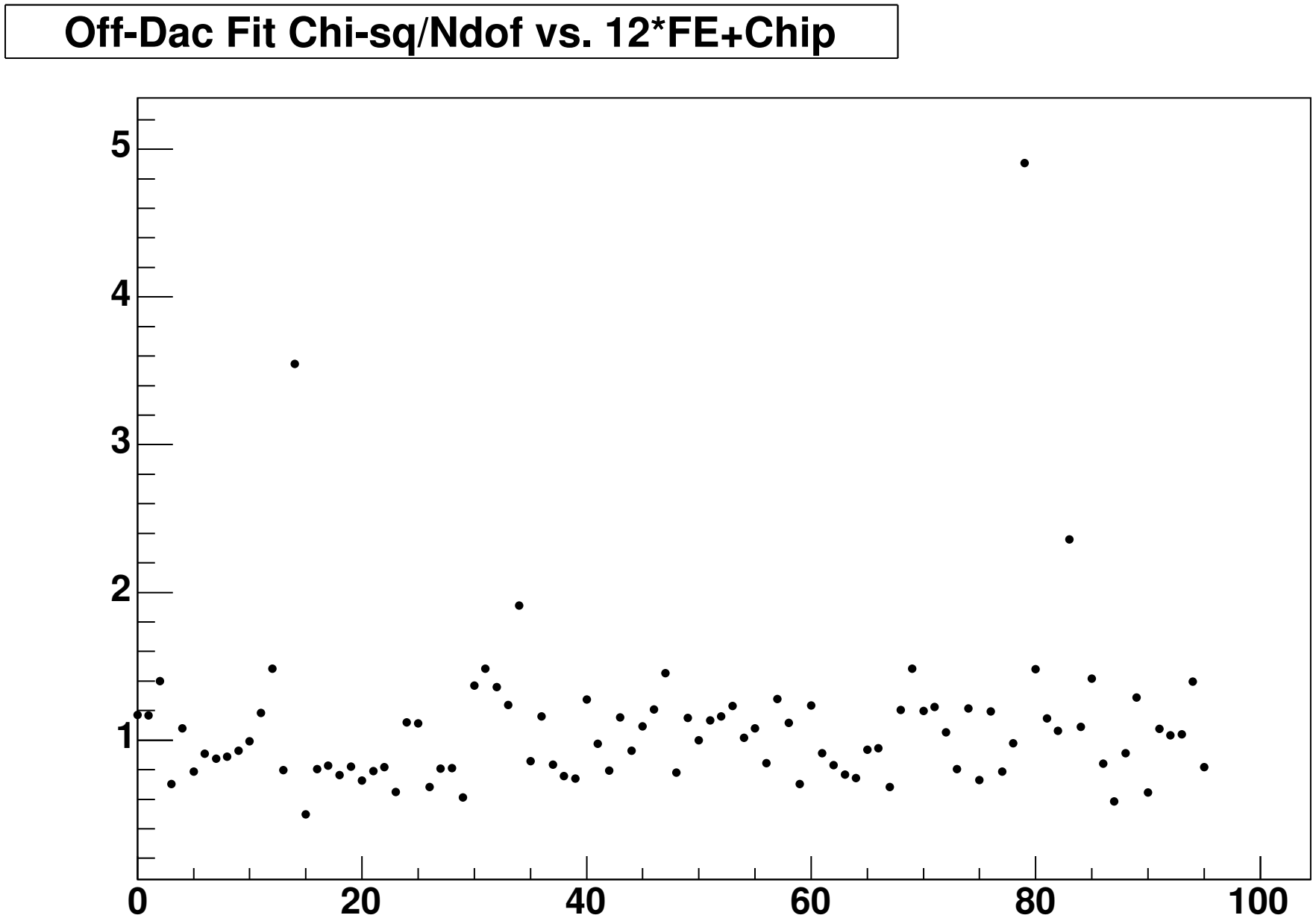

On-Dac Fit Baseline Noise vs. 12*FE+Chip
1.4
1.38
1.36
1.34
1.32
1.3
1.28
1.26
0
20
40
60
80
100

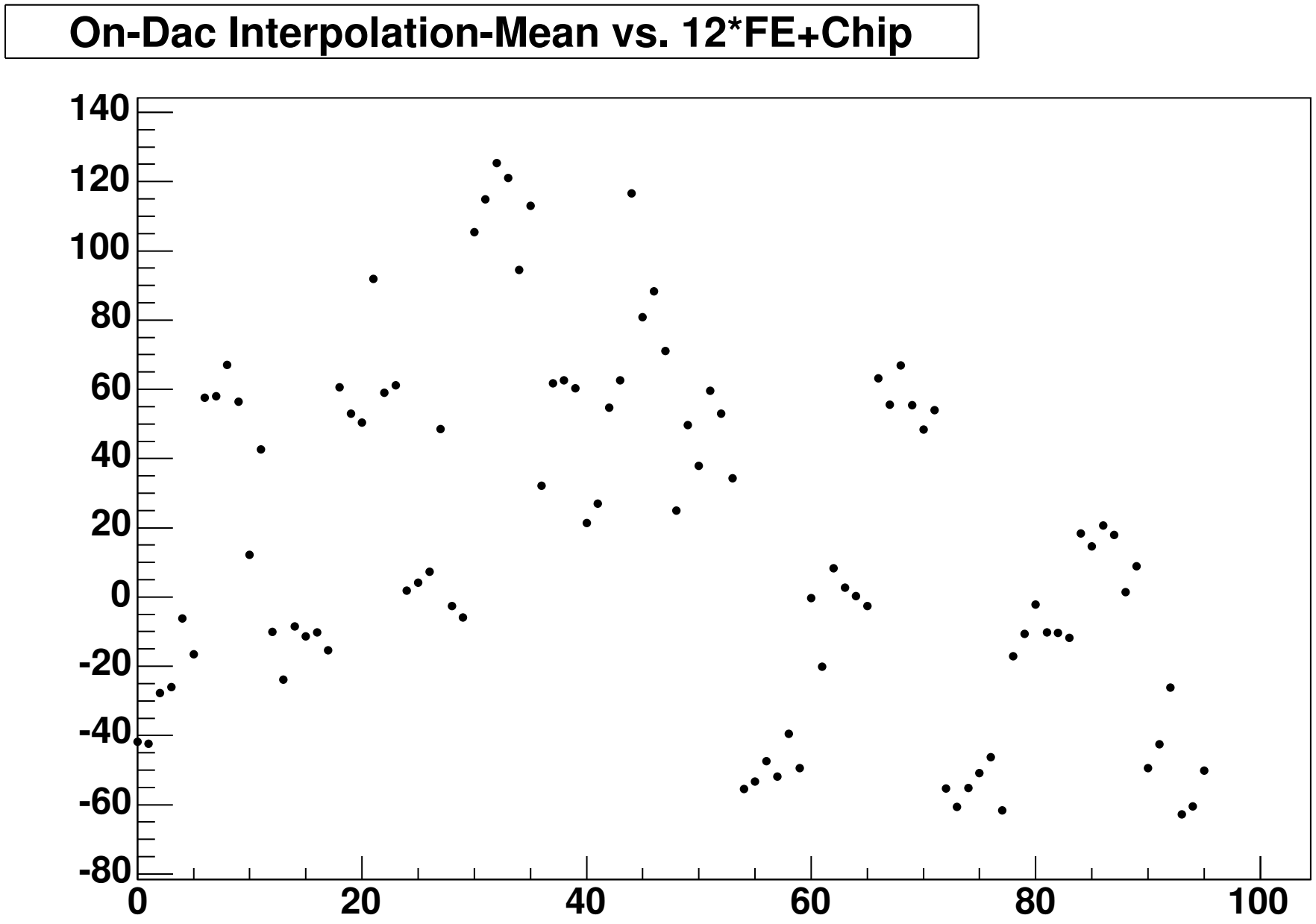

On-Dac Fit Dac Noise vs. 12*FE+Chip
×10^-6
36
35
34
33
32
31
30
29
0
20
40
60
80
100

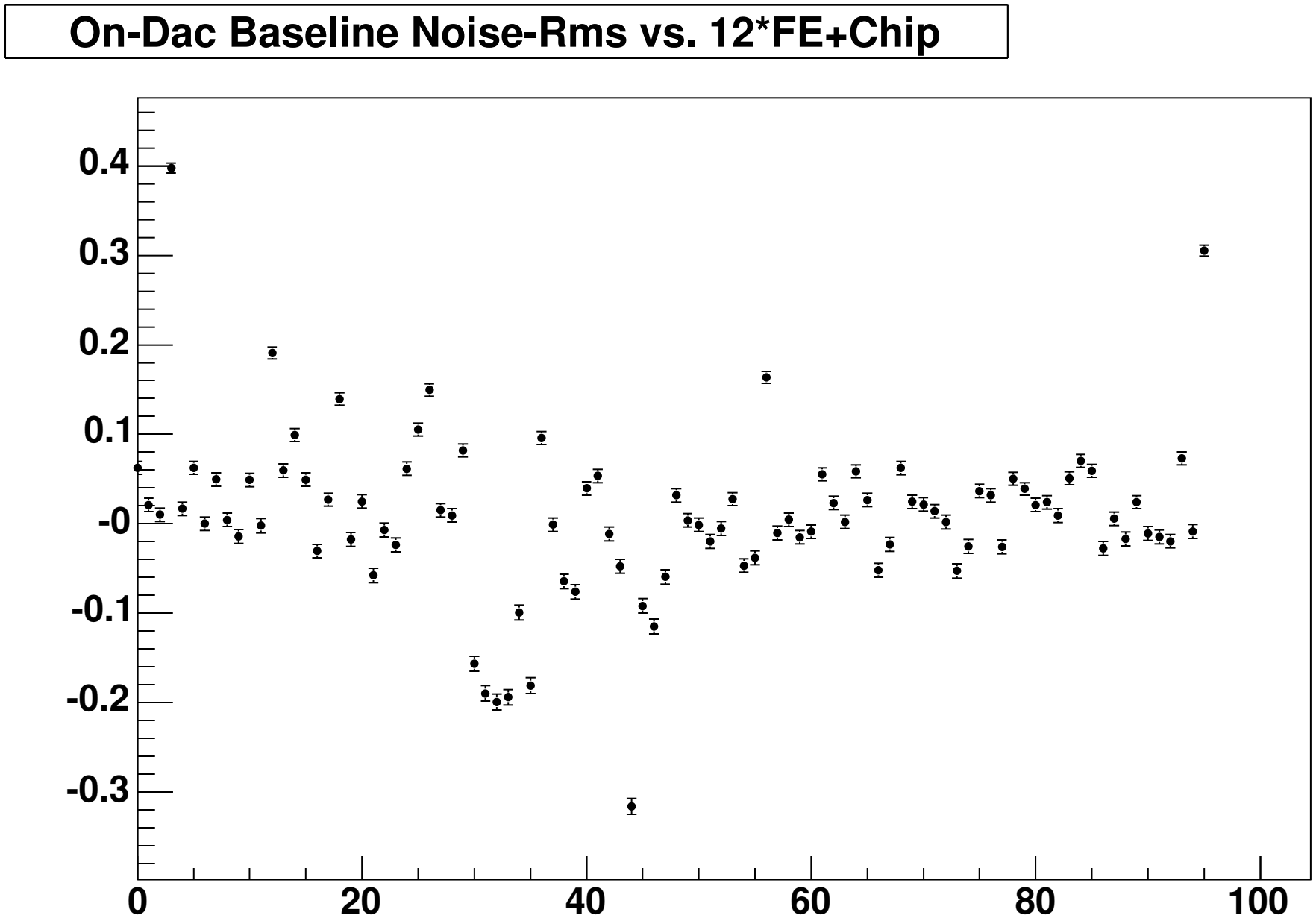

On-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
160
140
120
100
80
60
40
20
0
20
40
60
80
100

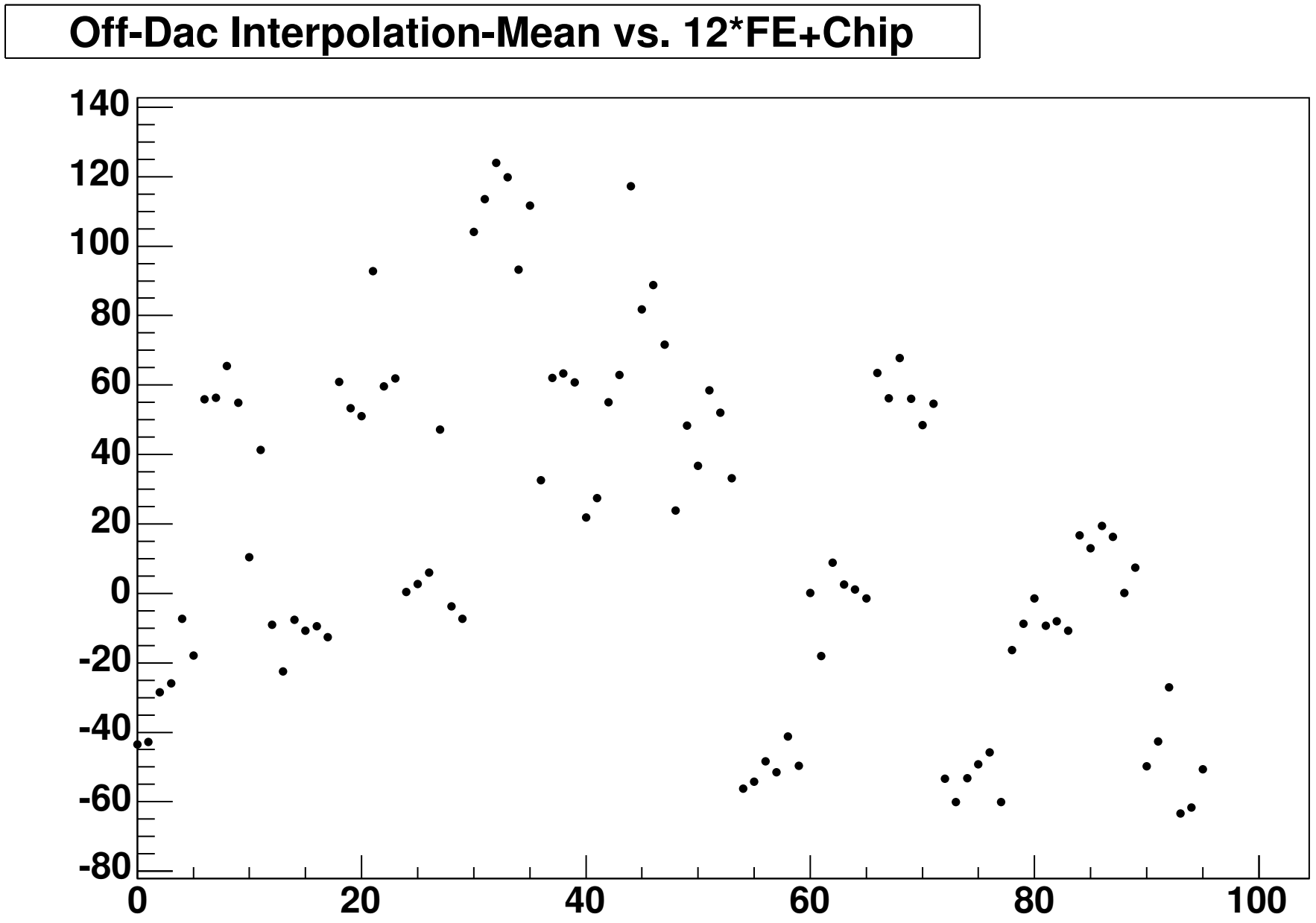

Off-Dac Fit Baseline Noise vs. 12*FE+Chip
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0
20
40
60
80
100

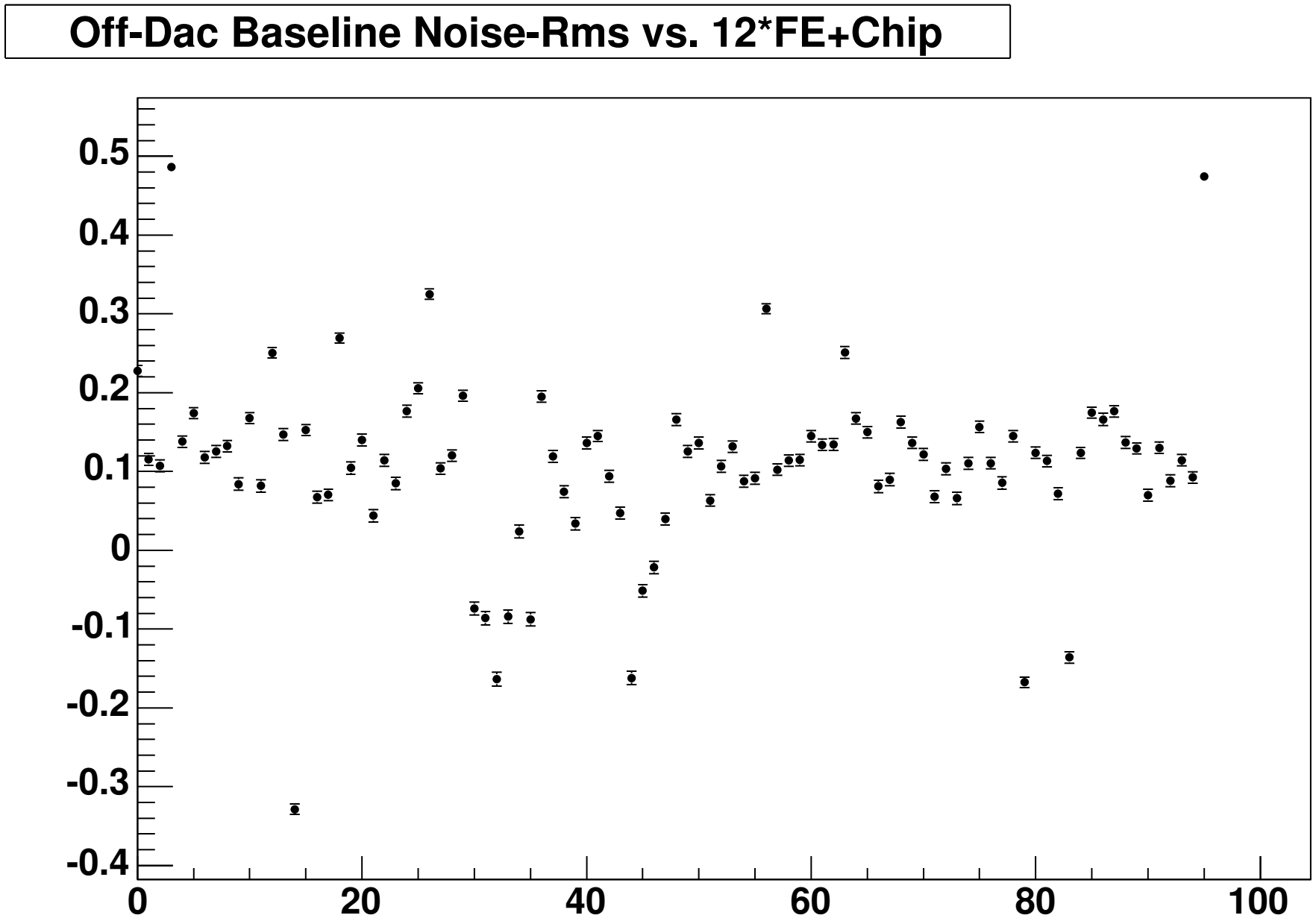

Off-Dac Fit Dac Noise vs. 12*FE+Chip
×10-3
0.02
0.01
0
-0.01
-0.02
0
20
40
60
80
100


Off-Dac Fit Chi-sq/Ndof vs. 12*FE+Chip
5
4
3
2
1
0
20
40
60
80
100


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


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


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


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