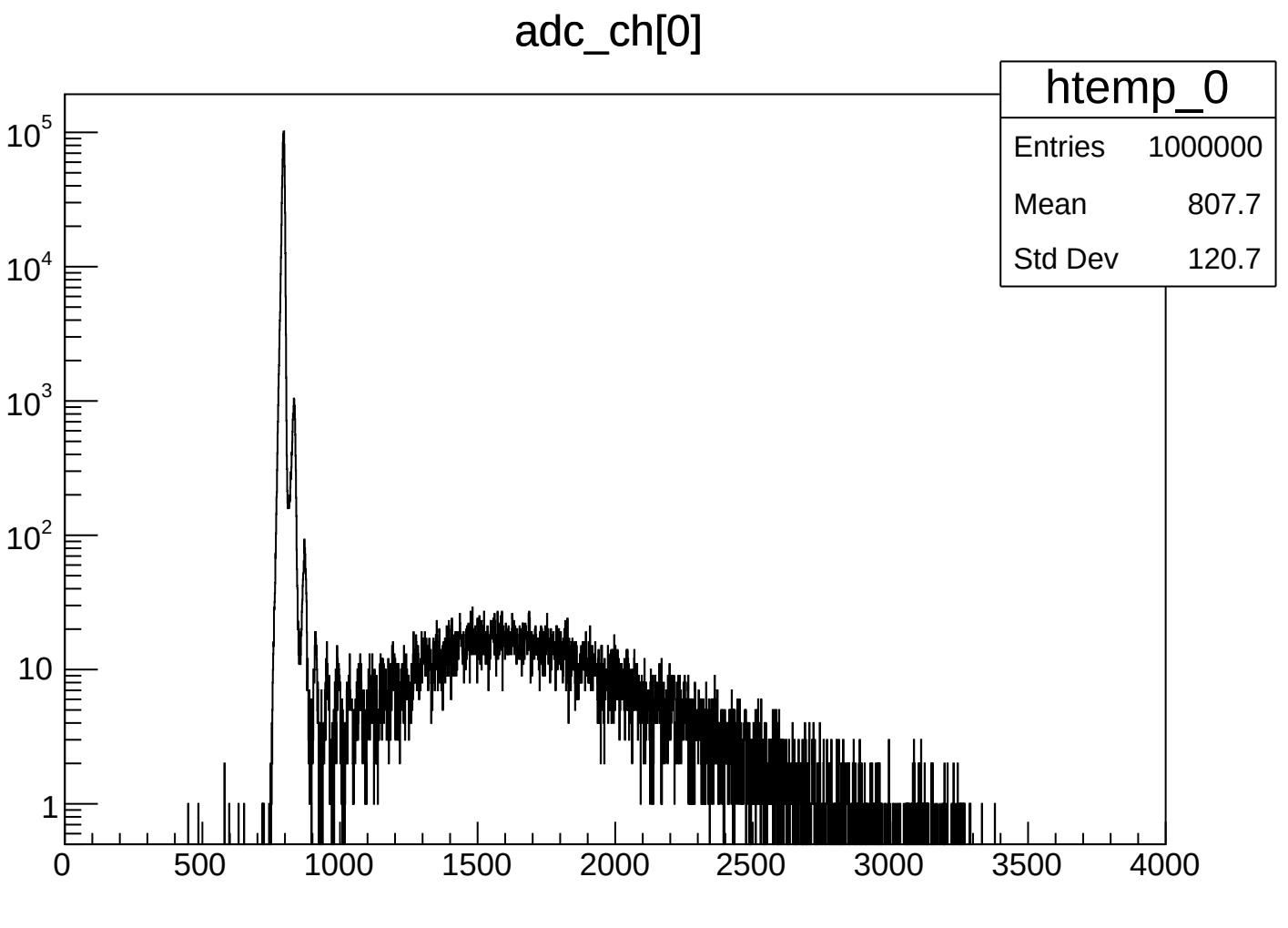
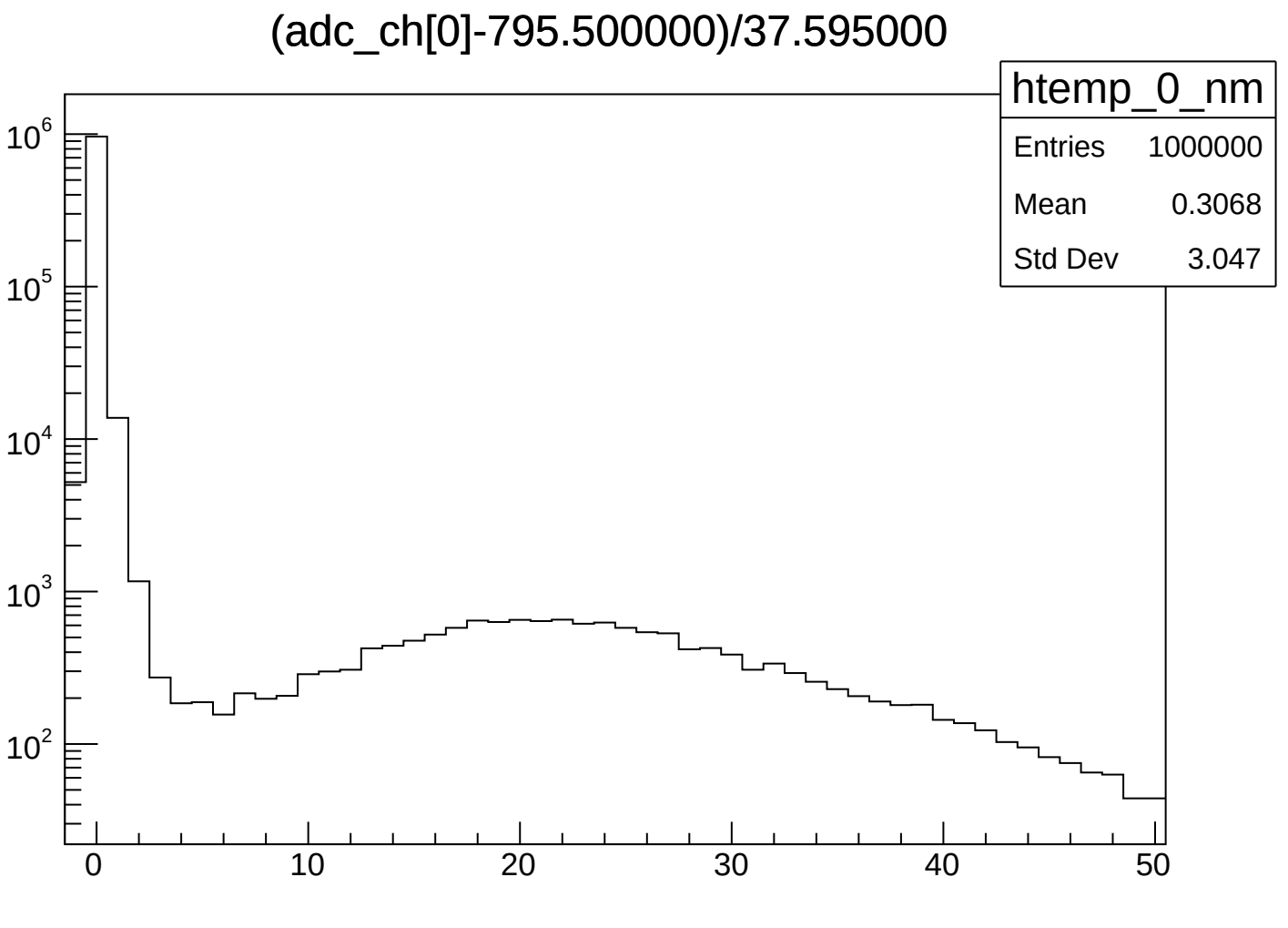
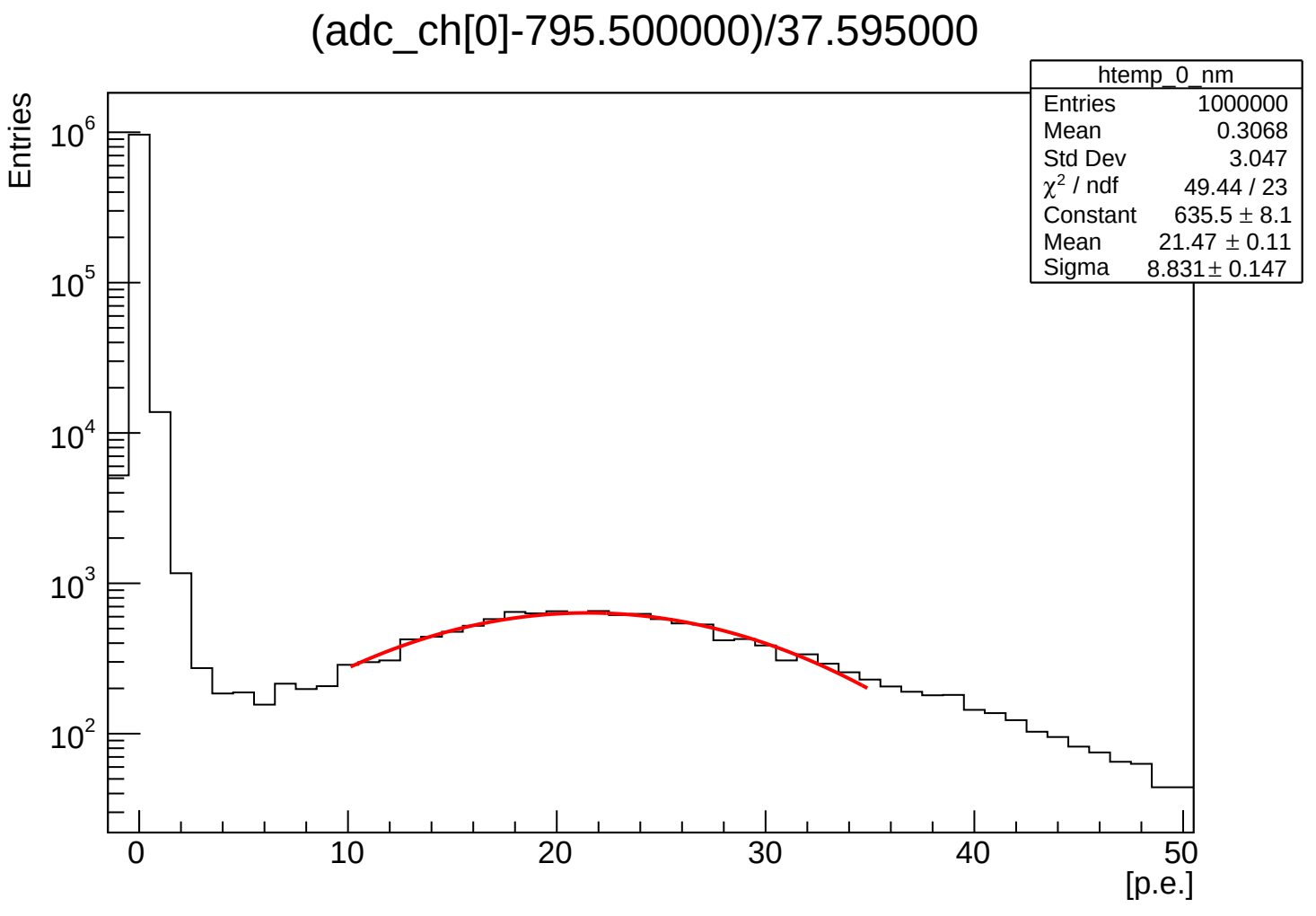
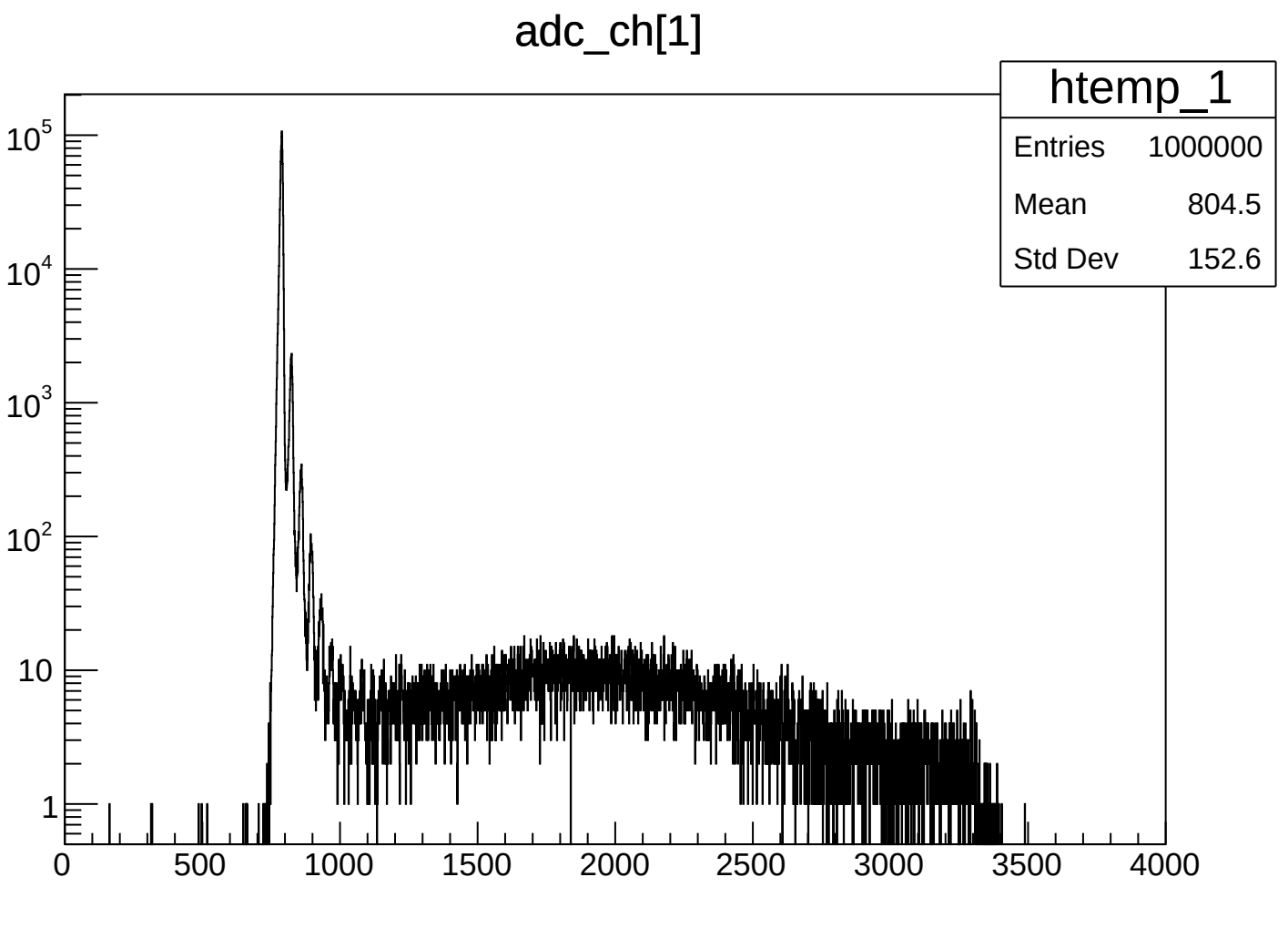
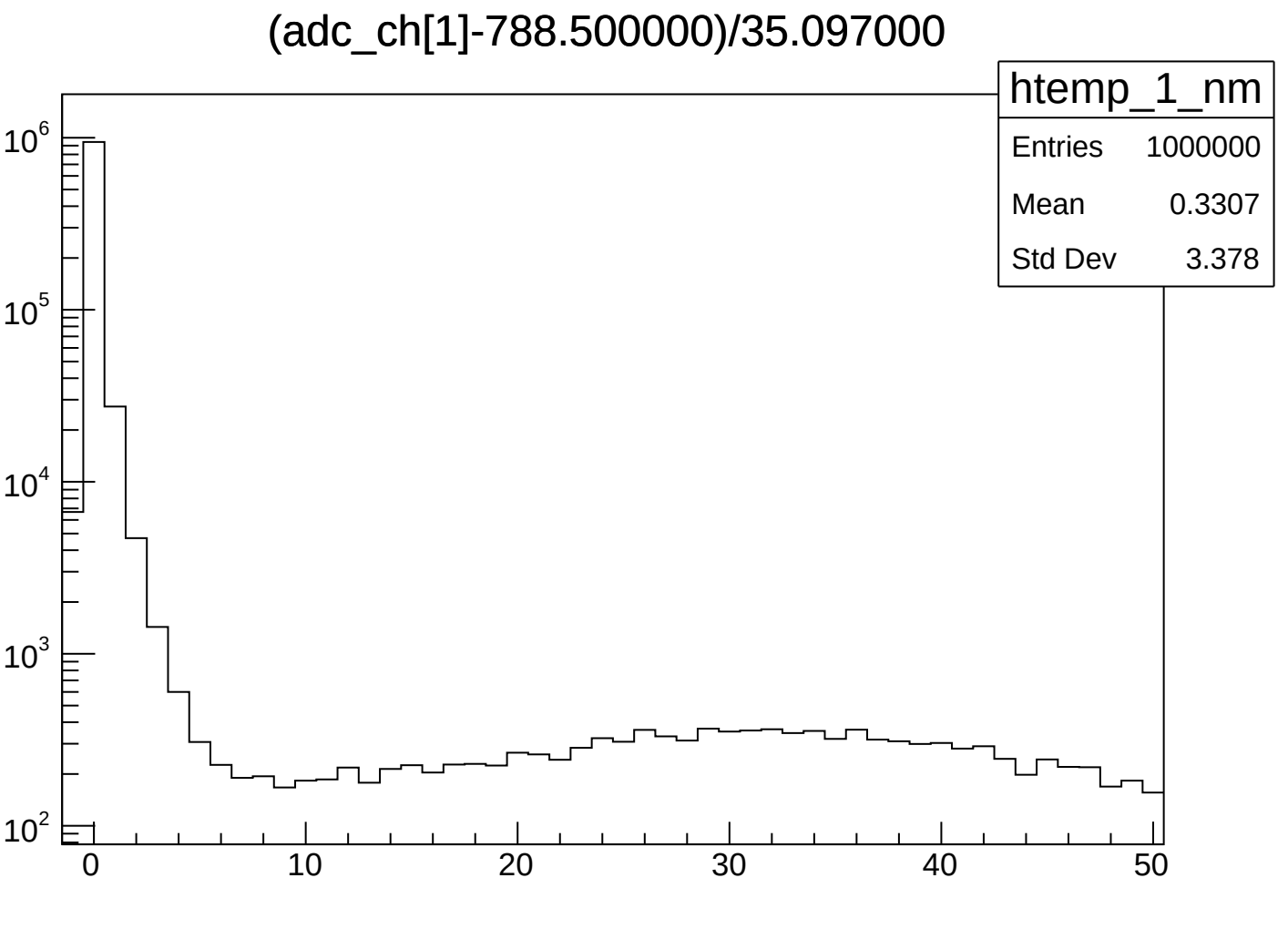
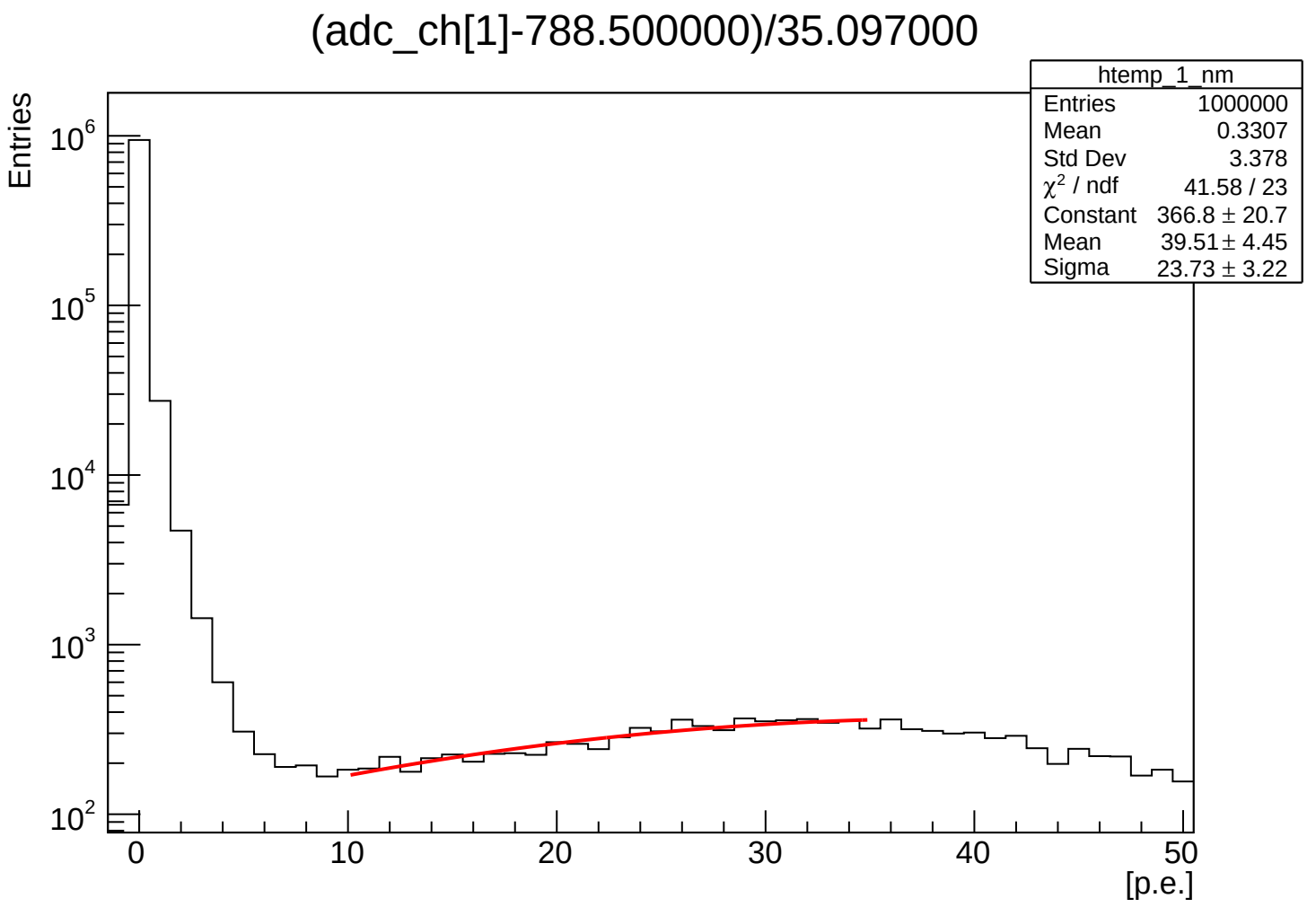

adc_ch[0]
htemp_0
Entries 1000000
Mean 807.7
Std Dev 120.7
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

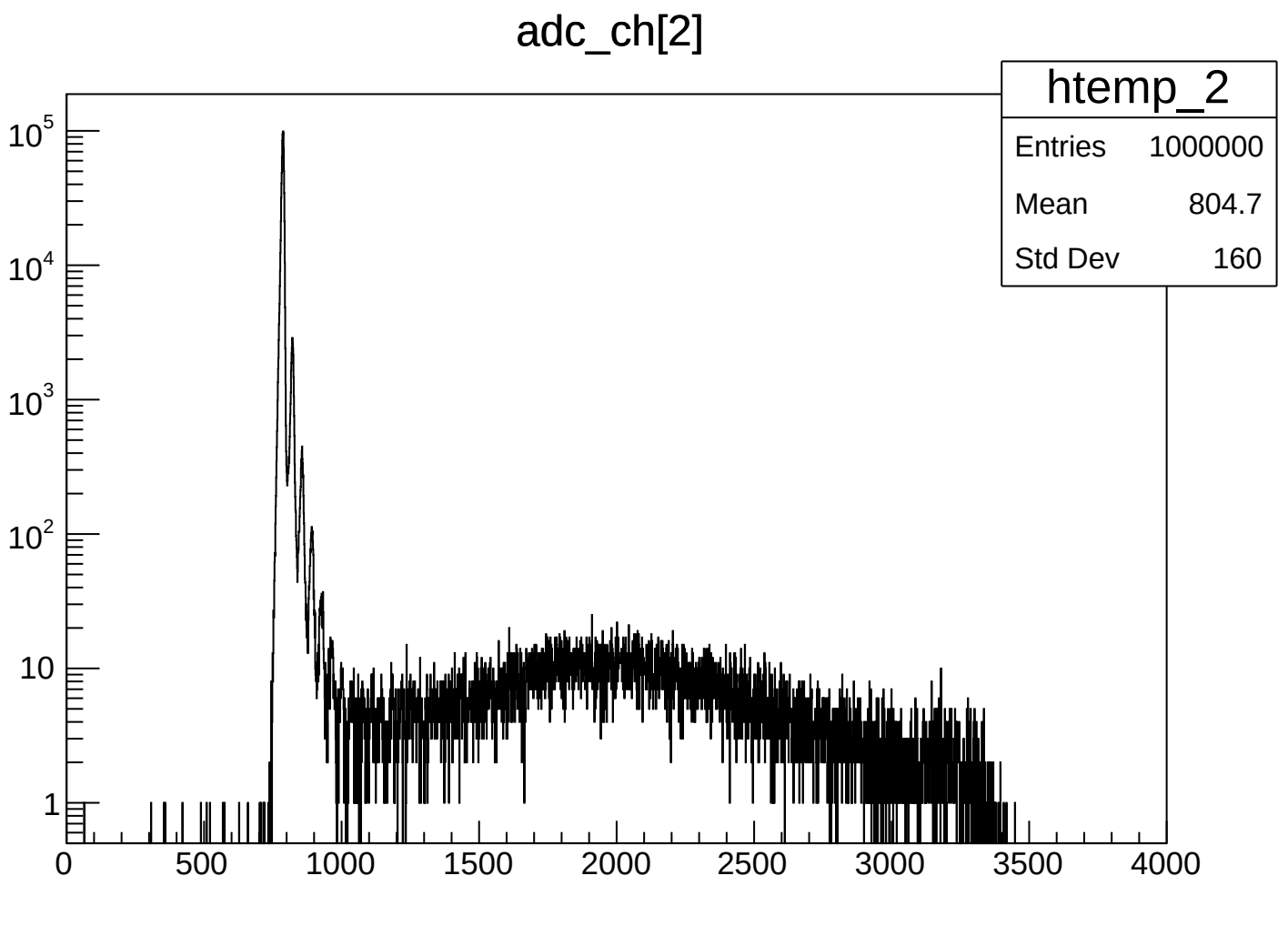

(adc_ch[0]-795.500000)/37.595000
htemp_0_nm
Entries 1000000
Mean 0.3068
Std Dev 3.047
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

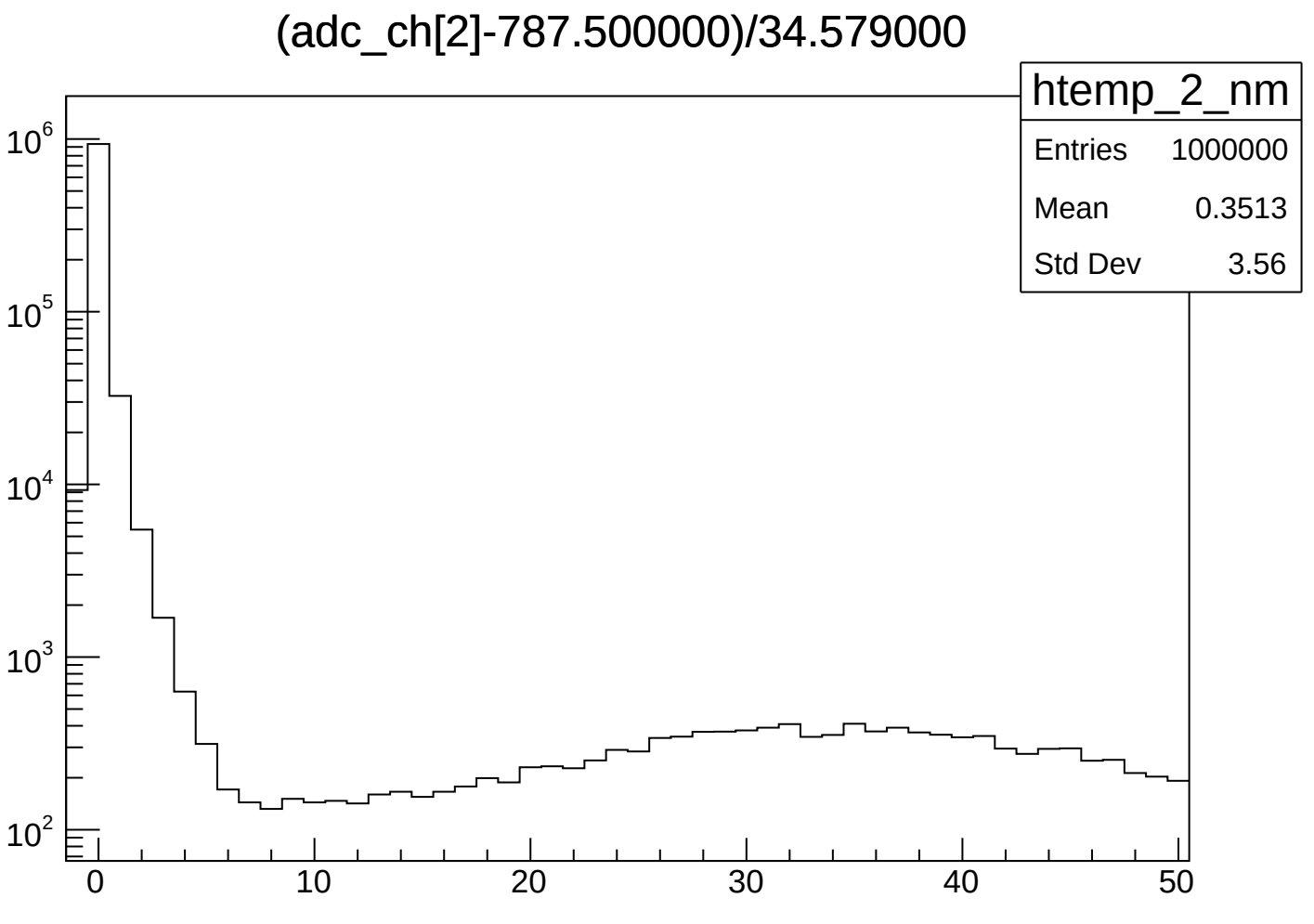

(adc_ch[0]-795.500000)/37.595000
htemp_0_nm
Entries 1000000
Mean 0.3068
Std Dev 3.047
χ² / ndf 49.44 / 23
Constant 635.5 ± 8.1
Mean 21.47 ± 0.11
Sigma 8.831 ± 0.147
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

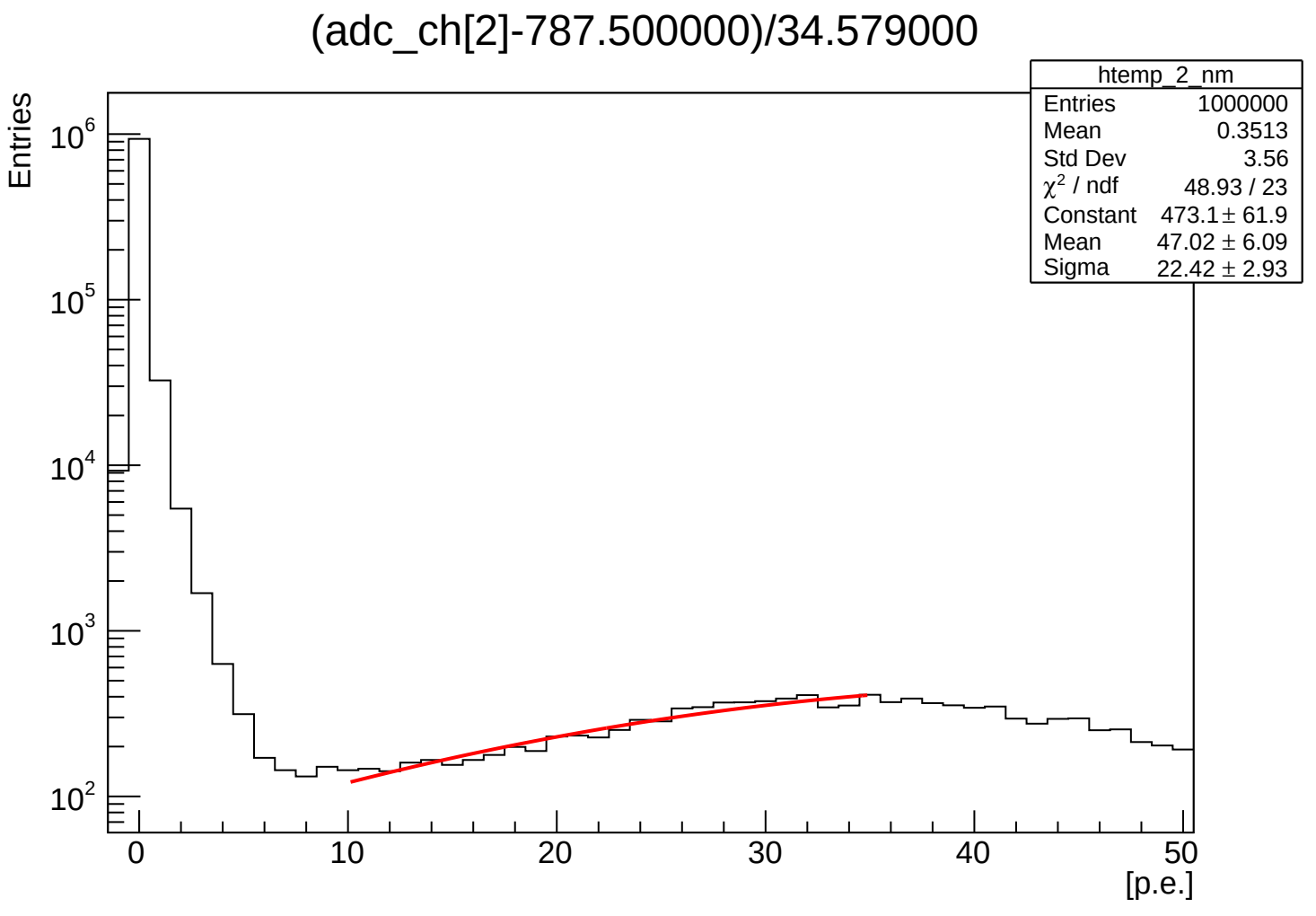

adc_ch[1]
htemp_1
Entries 1000000
Mean 804.5
Std Dev 152.6
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

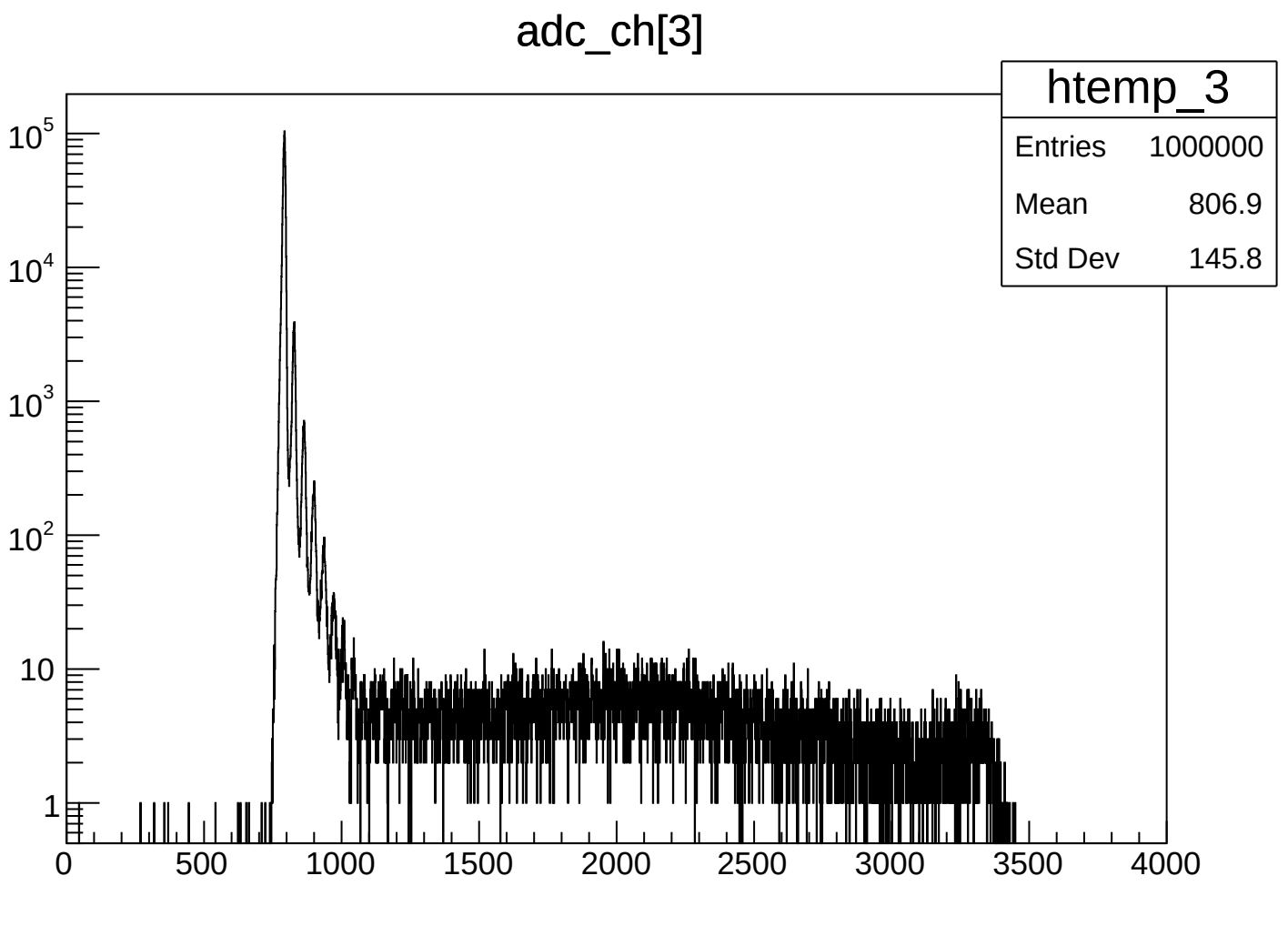

(adc_ch[1]-788.500000)/35.097000
htemp_1_nm
Entries 1000000
Mean 0.3307
Std Dev 3.378
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

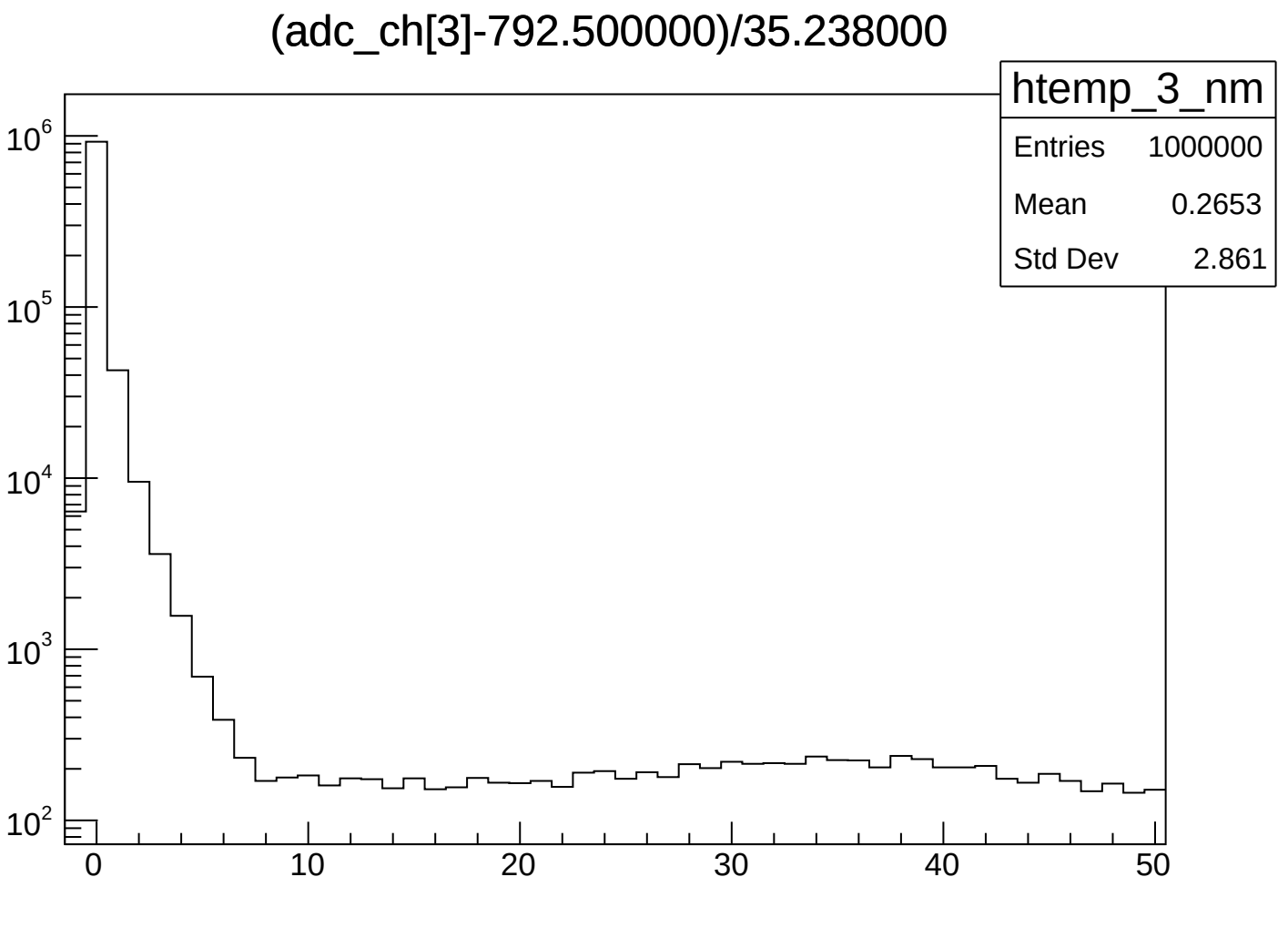

(adc_ch[1]-788.500000)/35.097000
htemp_1_nm
Entries 1000000
Mean 0.3307
Std Dev 3.378
χ² / ndf 41.58 / 23
Constant 366.8 ± 20.7
Mean 39.51 ± 4.45
Sigma 23.73 ± 3.22
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

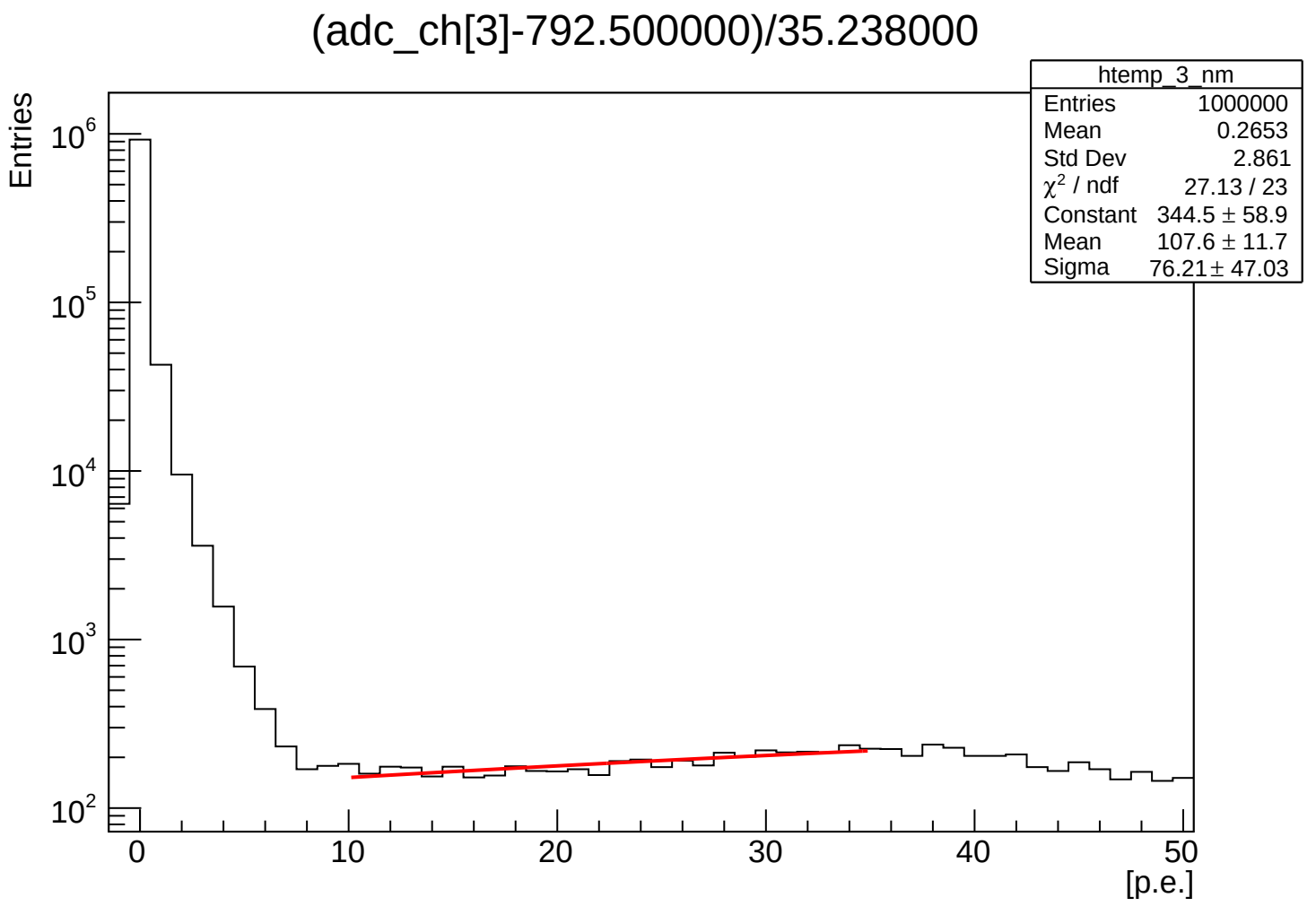

adc_ch[2]
htemp_2
Entries 1000000
Mean 804.7
Std Dev 160
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

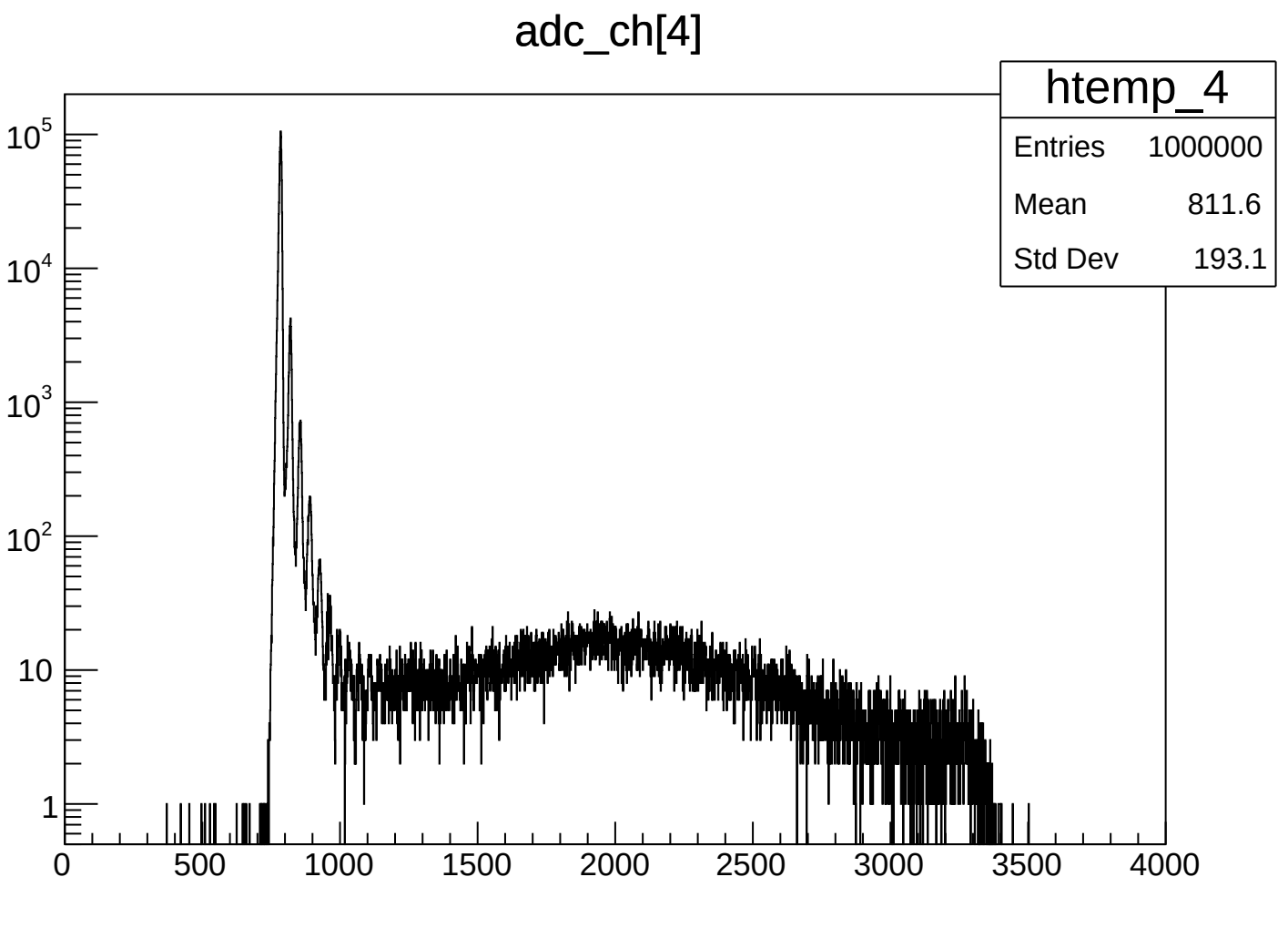

(adc_ch[2]-787.500000)/34.579000
htemp_2_nm
Entries 1000000
Mean 0.3513
Std Dev 3.56
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

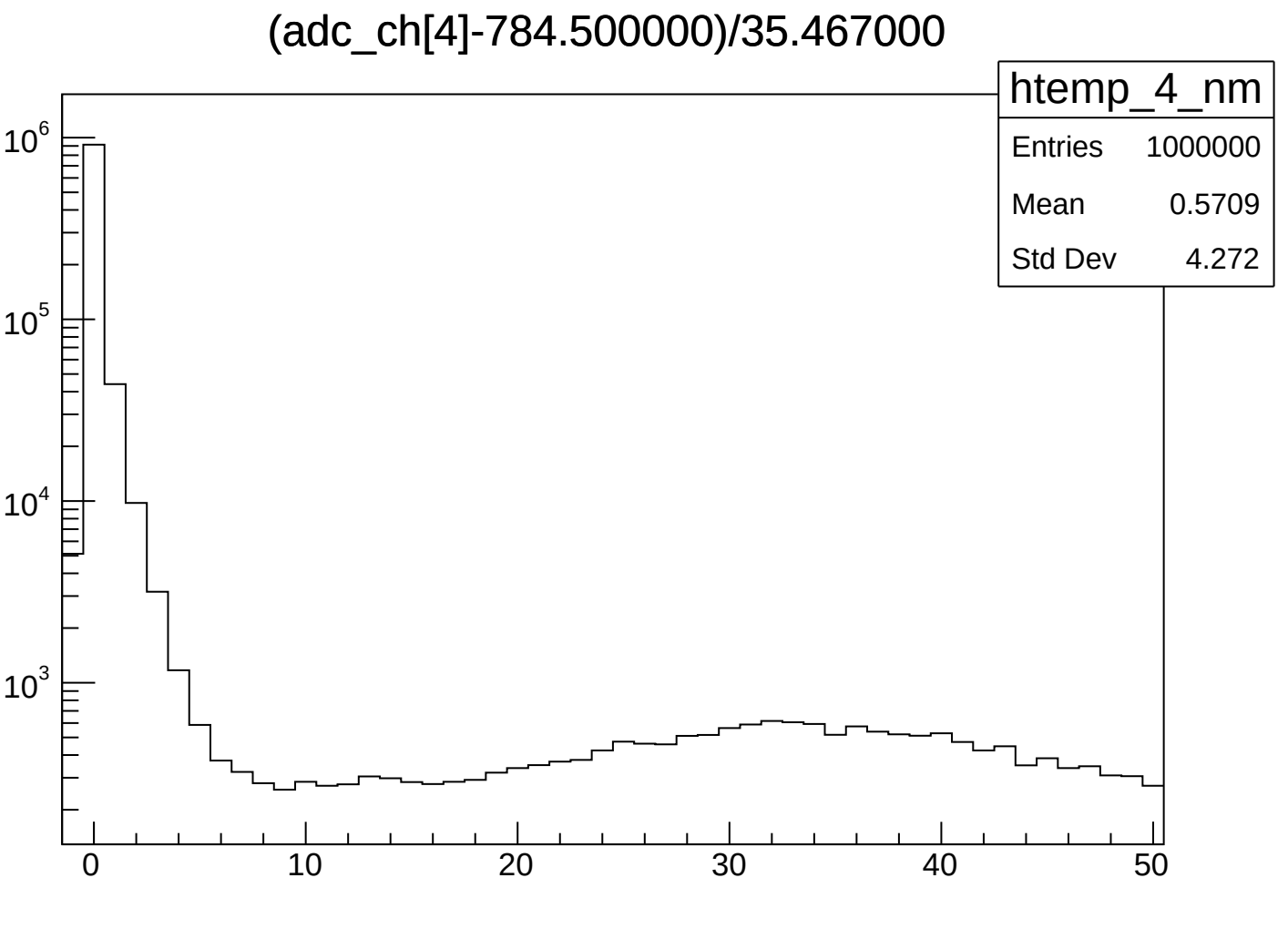

(adc_ch[2]-787.500000)/34.579000
htemp_2_nm
Entries 1000000
Mean 0.3513
Std Dev 3.56
χ² / ndf 48.93 / 23
Constant 473.1 ± 61.9
Mean 47.02 ± 6.09
Sigma 22.42 ± 2.93
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

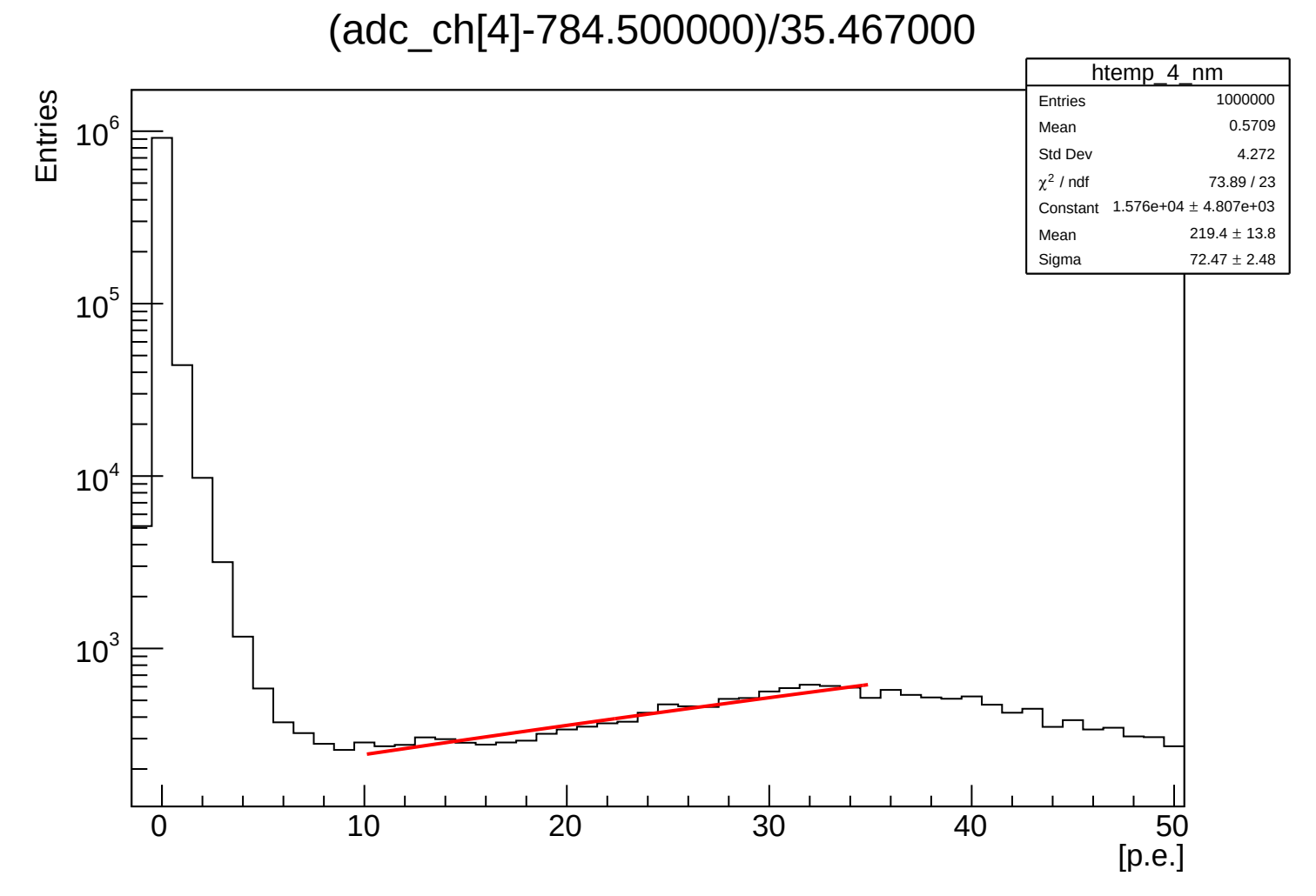

adc_ch[3]
htemp_3
Entries 1000000
Mean 806.9
Std Dev 145.8
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

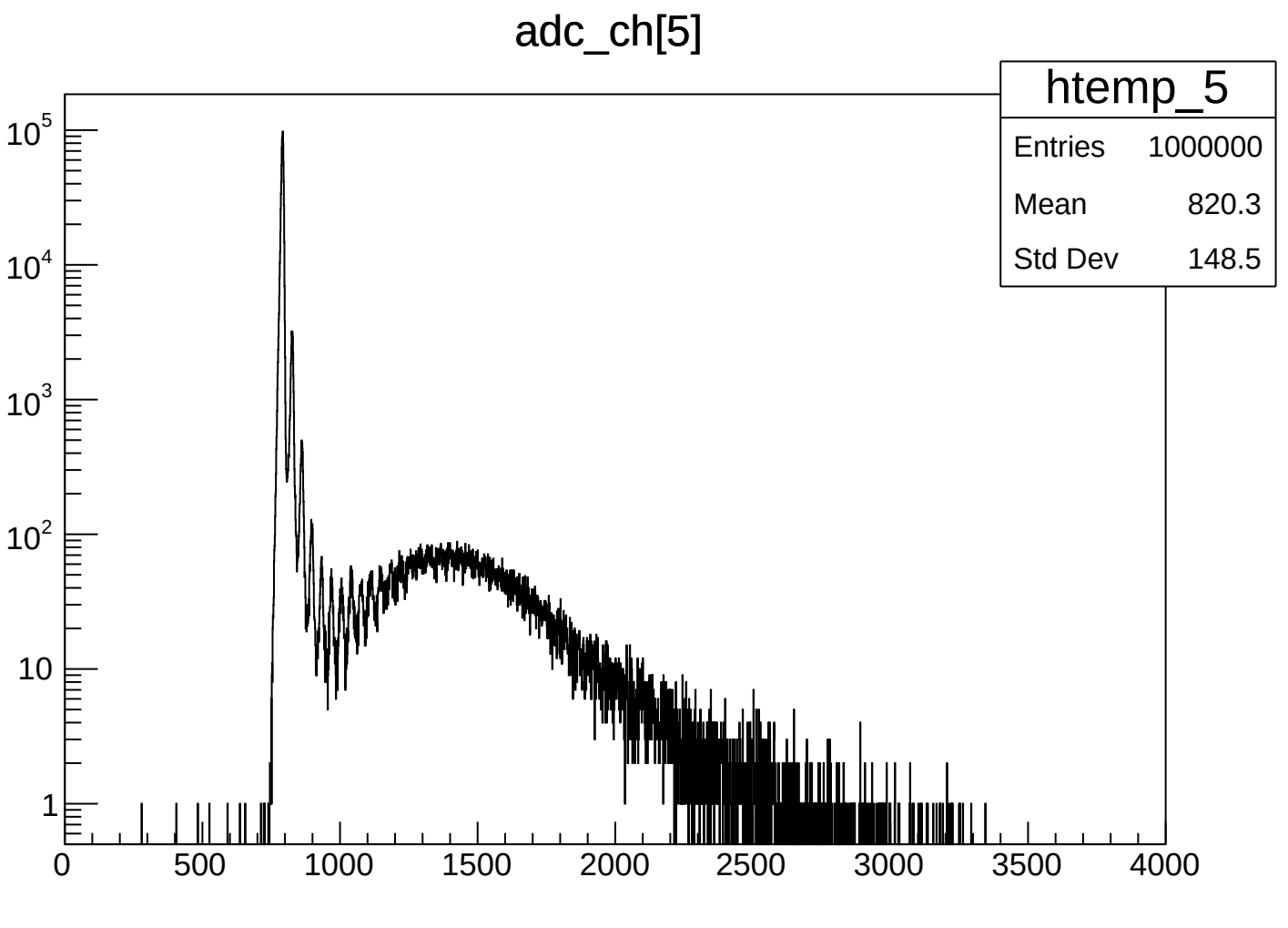

(adc_ch[3]-792.500000)/35.238000
htemp_3_nm
Entries 1000000
Mean 0.2653
Std Dev 2.861
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

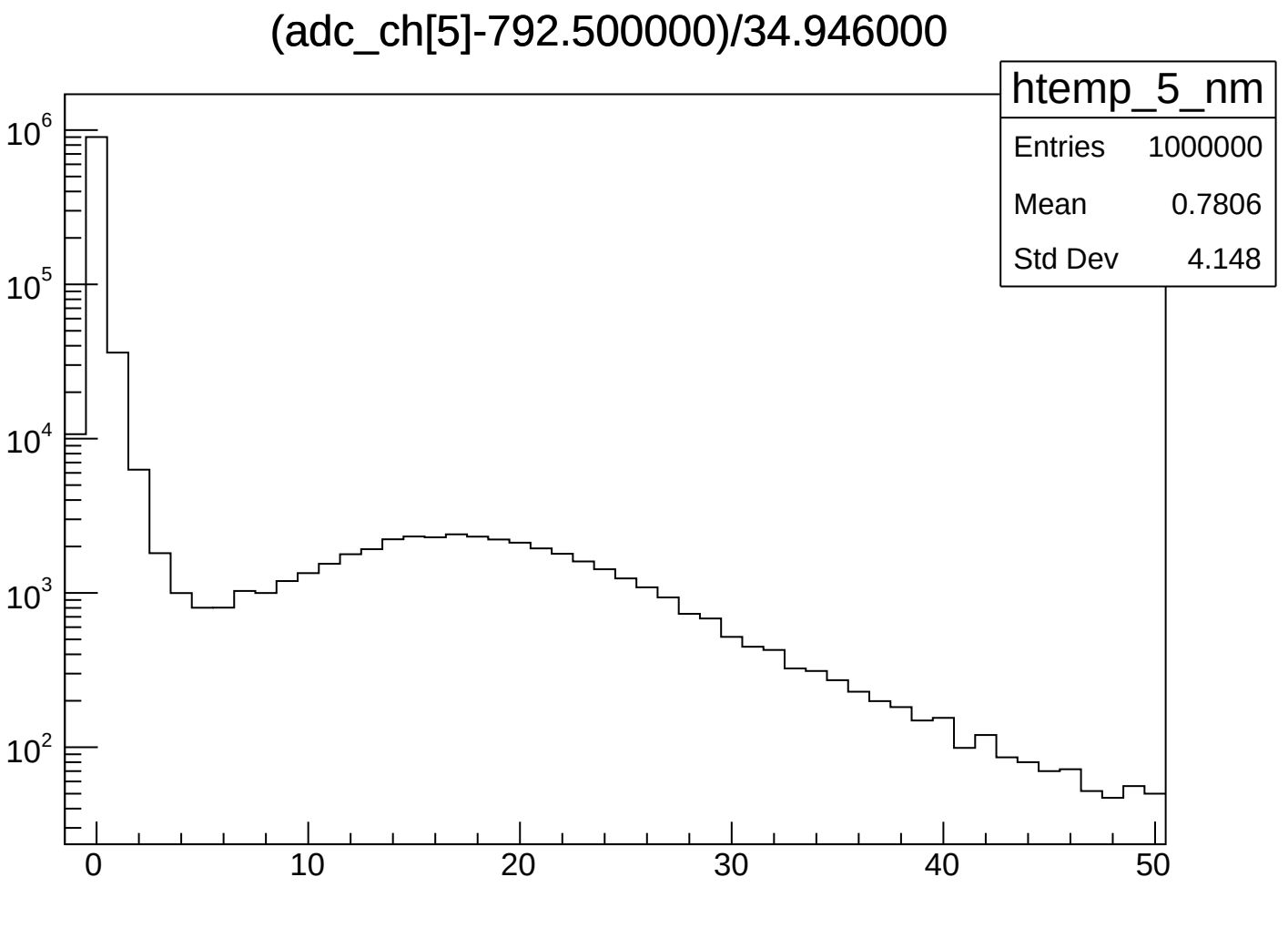

(adc_ch[3]-792.500000)/35.238000
htemp_3_nm
Entries 1000000
Mean 0.2653
Std Dev 2.861
χ² / ndf 27.13 / 23
Constant 344.5 ± 58.9
Mean 107.6 ± 11.7
Sigma 76.21 ± 47.03
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

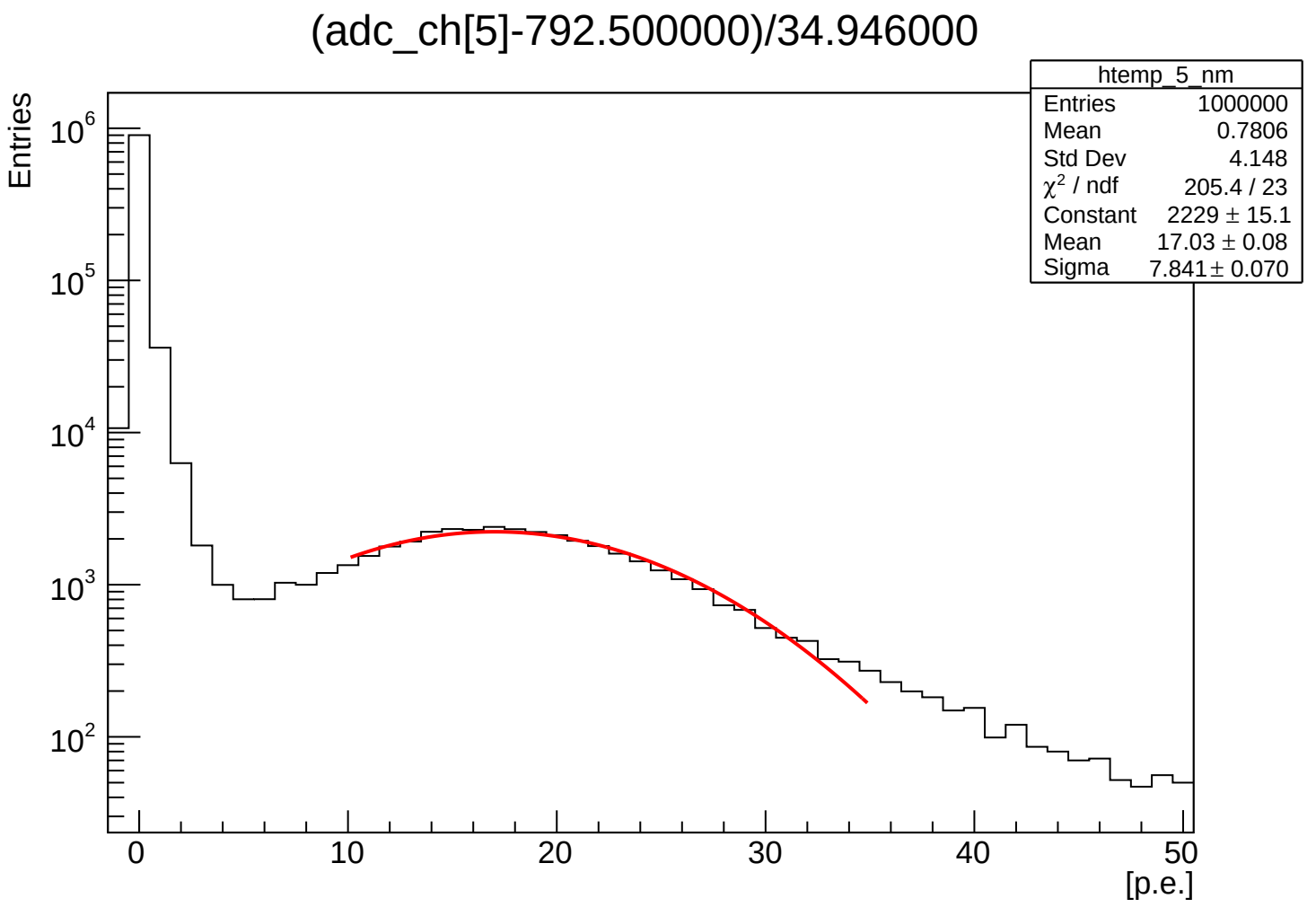

adc_ch[4]
htemp_4
Entries 1000000
Mean 811.6
Std Dev 193.1
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

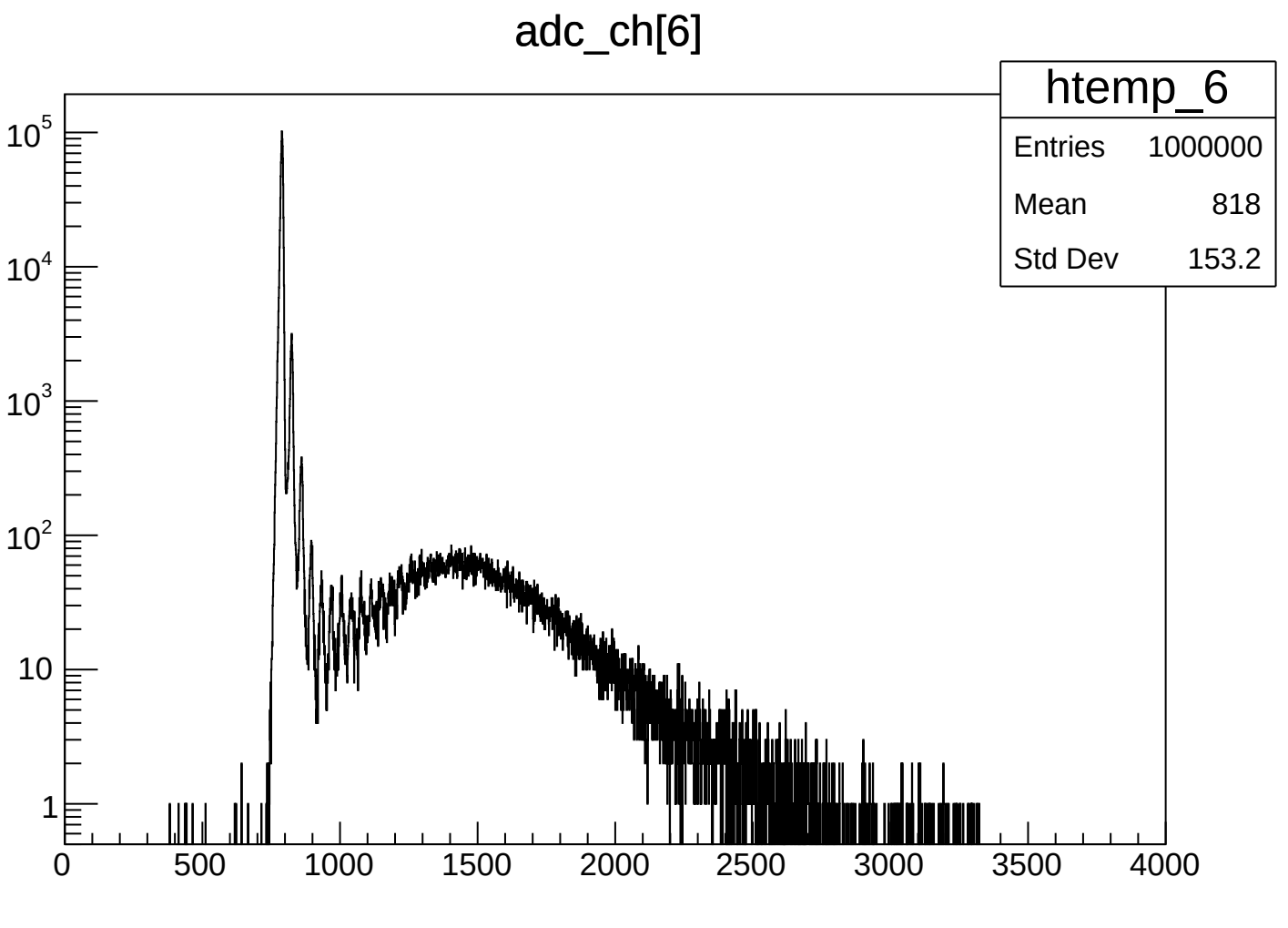

(adc_ch[4]-784.500000)/35.467000
htemp_4_nm
Entries 1000000
Mean 0.5709
Std Dev 4.272
10^6
10^5
10^4
10^3
0
10
20
30
40
50

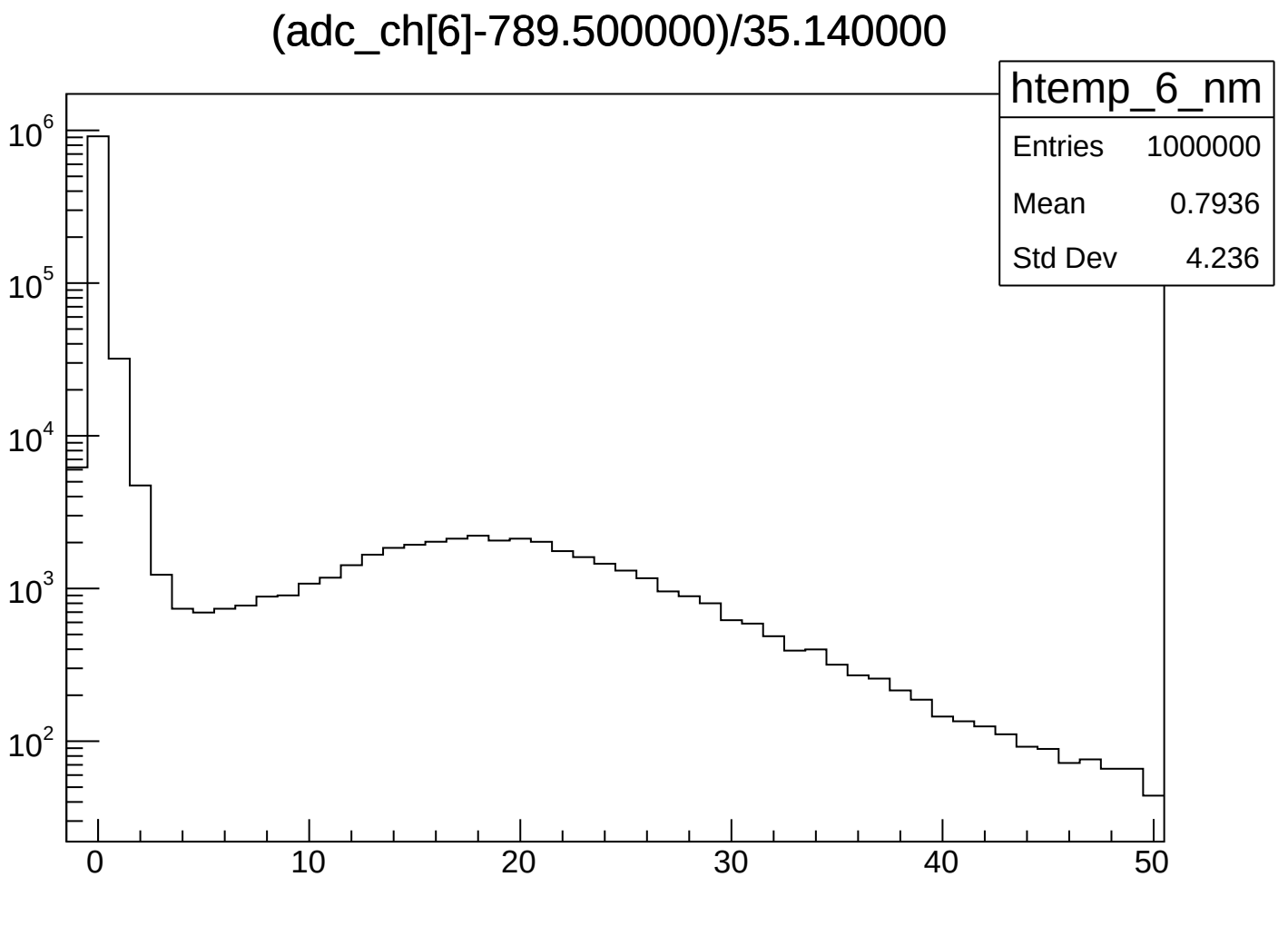

(adc_ch[4]-784.500000)/35.467000
htemp_4_nm
Entries 1000000
Mean 0.5709
Std Dev 4.272
χ² / ndf 73.89 / 23
Constant 1.576e+04 ± 4.807e+03
Mean 219.4 ± 13.8
Sigma 72.47 ± 2.48
Entries
10⁶
10⁵
10⁴
10³
0
10
20
30
40
50
[p.e.]

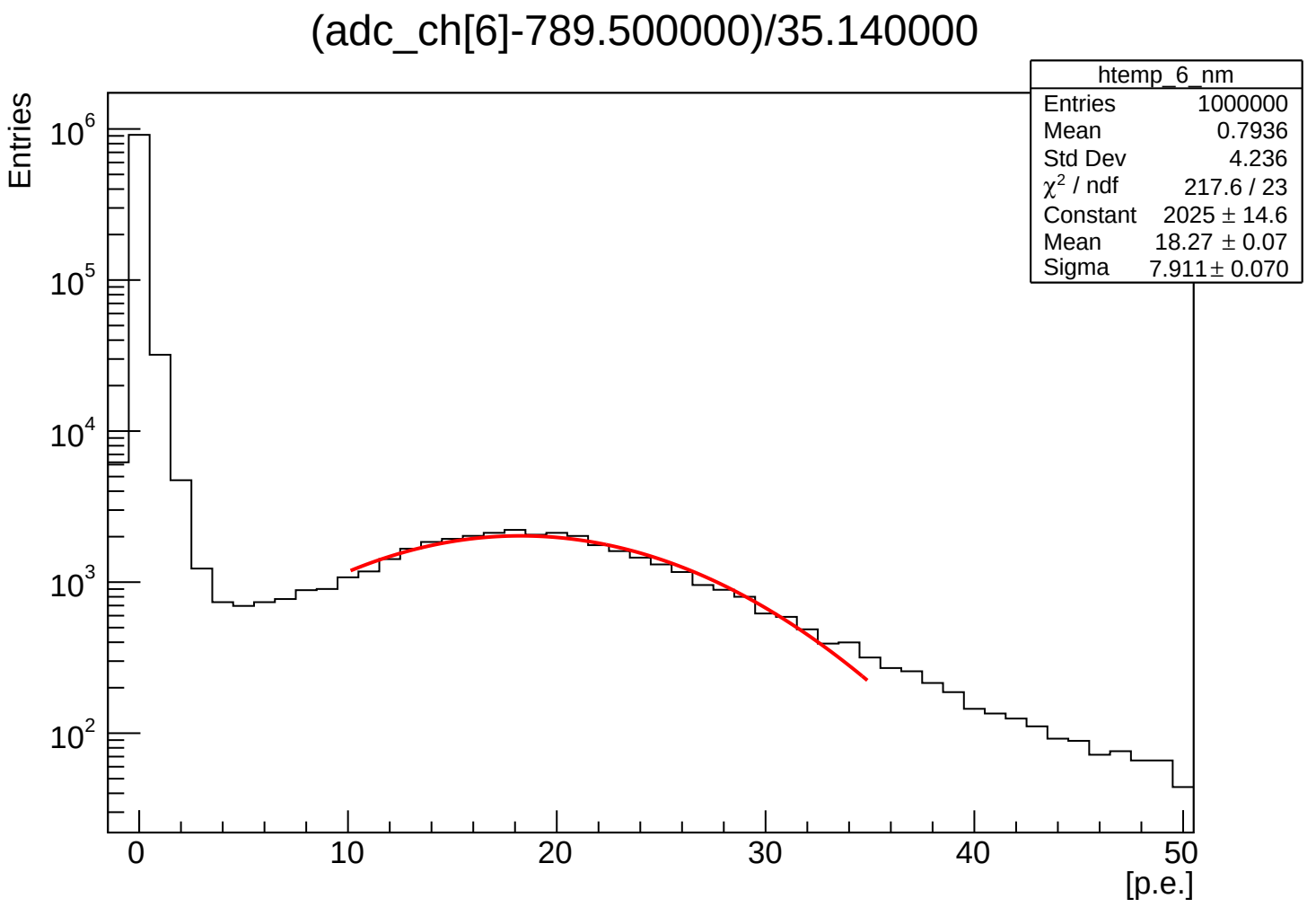

adc_ch[5]
htemp_5
Entries 1000000
Mean 820.3
Std Dev 148.5
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

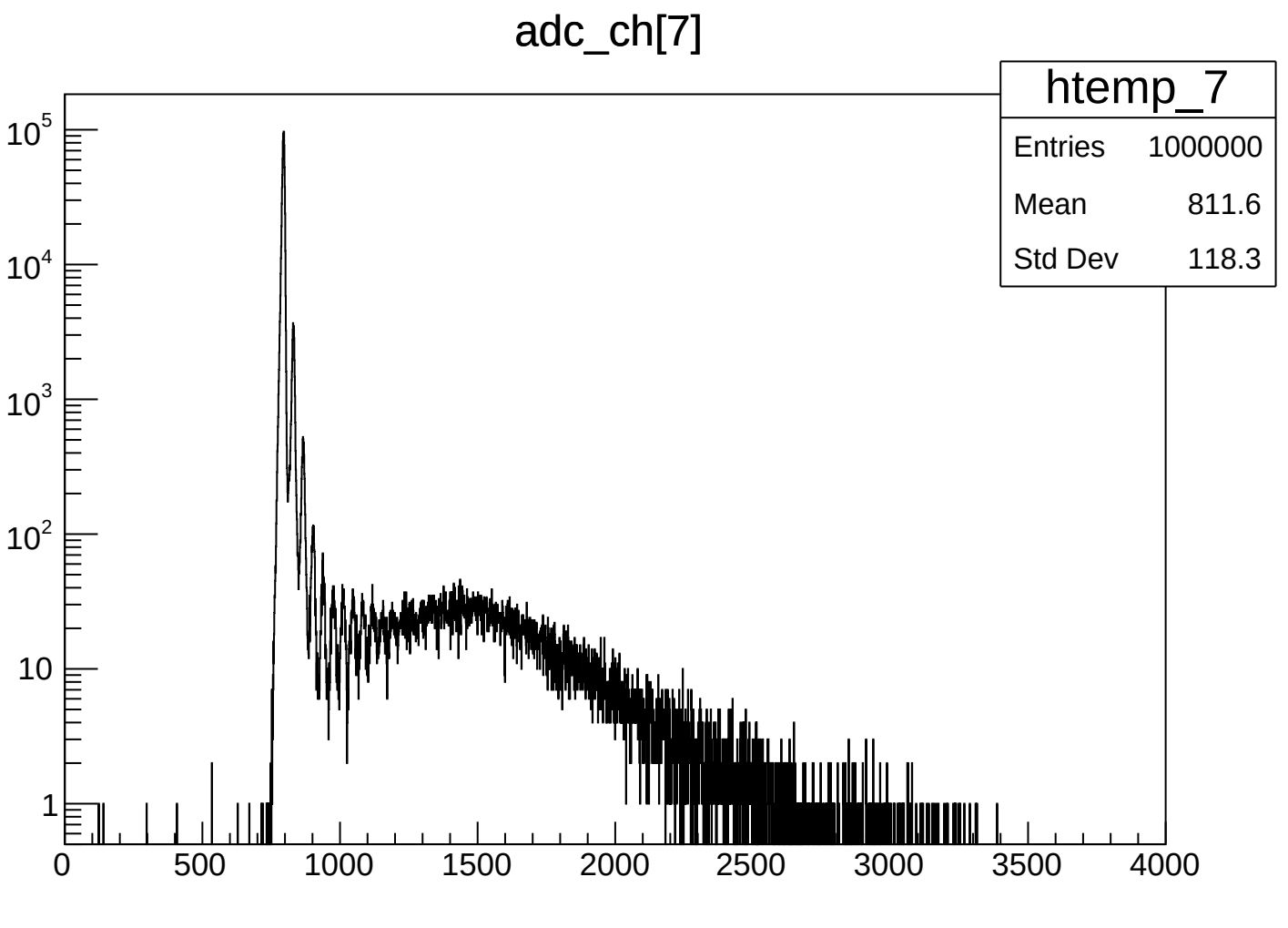

(adc_ch[5]-792.500000)/34.946000
htemp_5_nm
Entries 1000000
Mean 0.7806
Std Dev 4.148
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

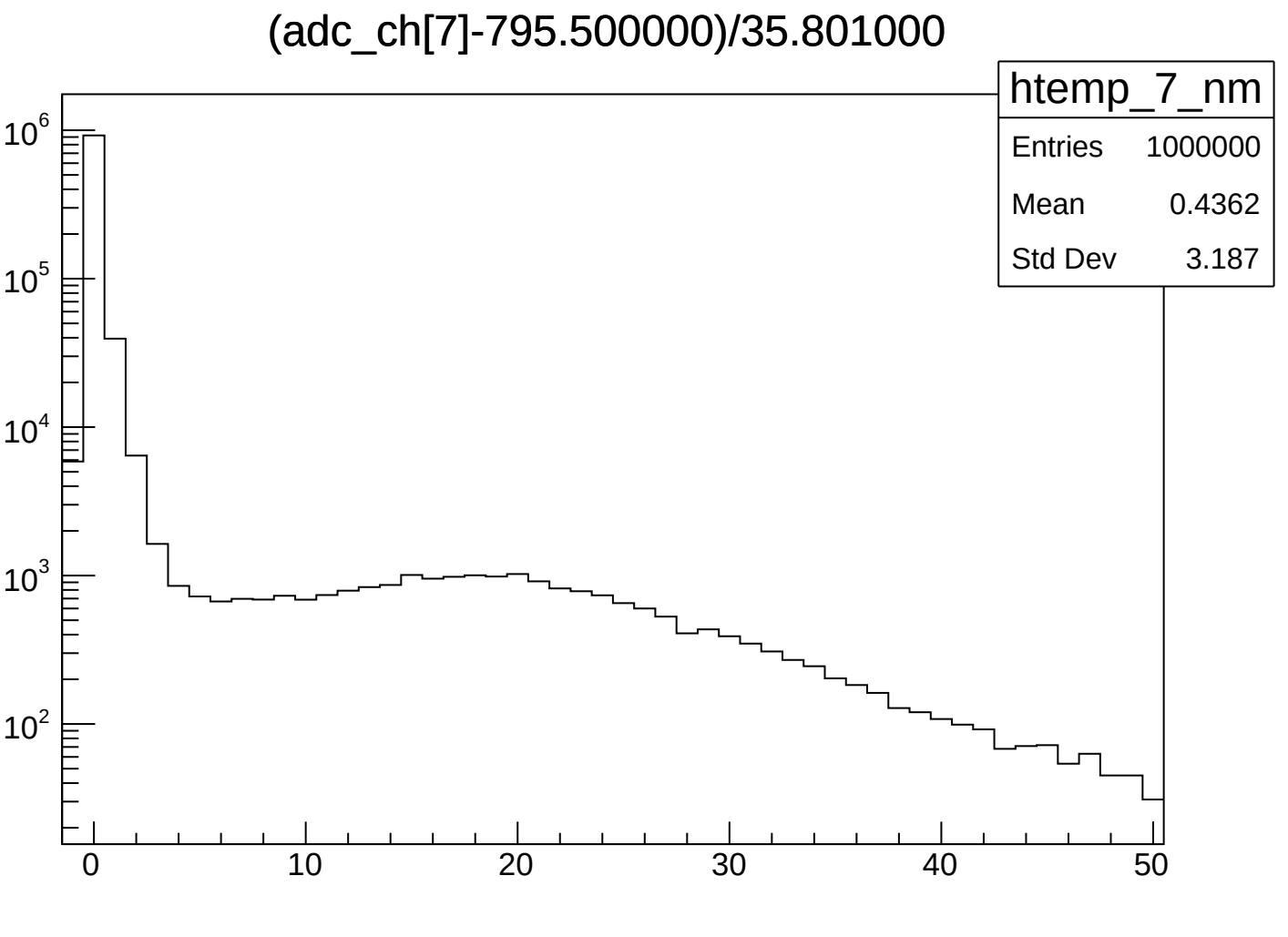

(adc_ch[5]-792.500000)/34.946000
htemp_5_nm
Entries 1000000
Mean 0.7806
Std Dev 4.148
χ² / ndf 205.4 / 23
Constant 2229 ± 15.1
Mean 17.03 ± 0.08
Sigma 7.841 ± 0.070
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

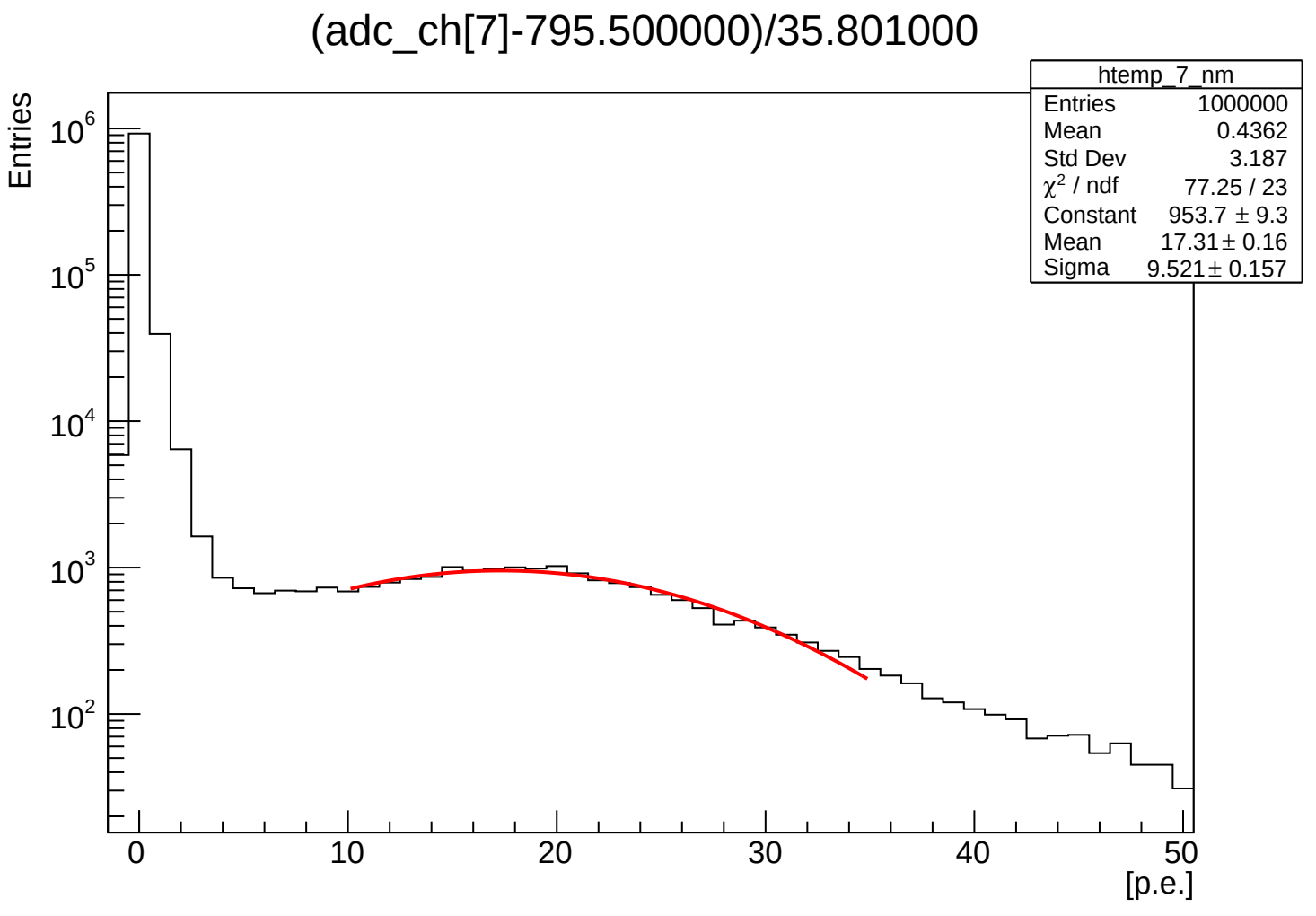

adc_ch[6]
htemp_6
Entries 1000000
Mean 818
Std Dev 153.2
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

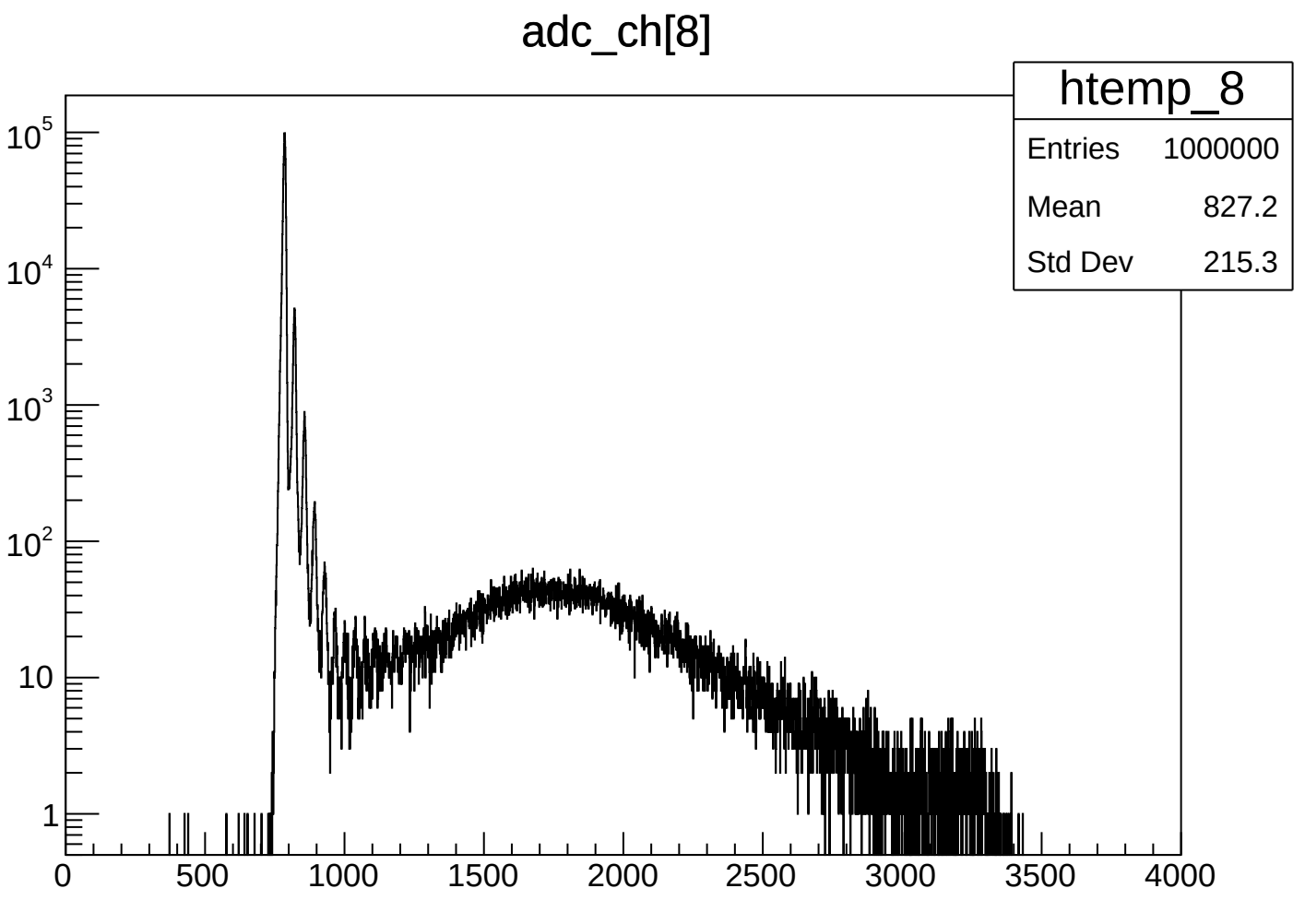

(adc_ch[6]-789.500000)/35.140000
htemp_6_nm
Entries 1000000
Mean 0.7936
Std Dev 4.236
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

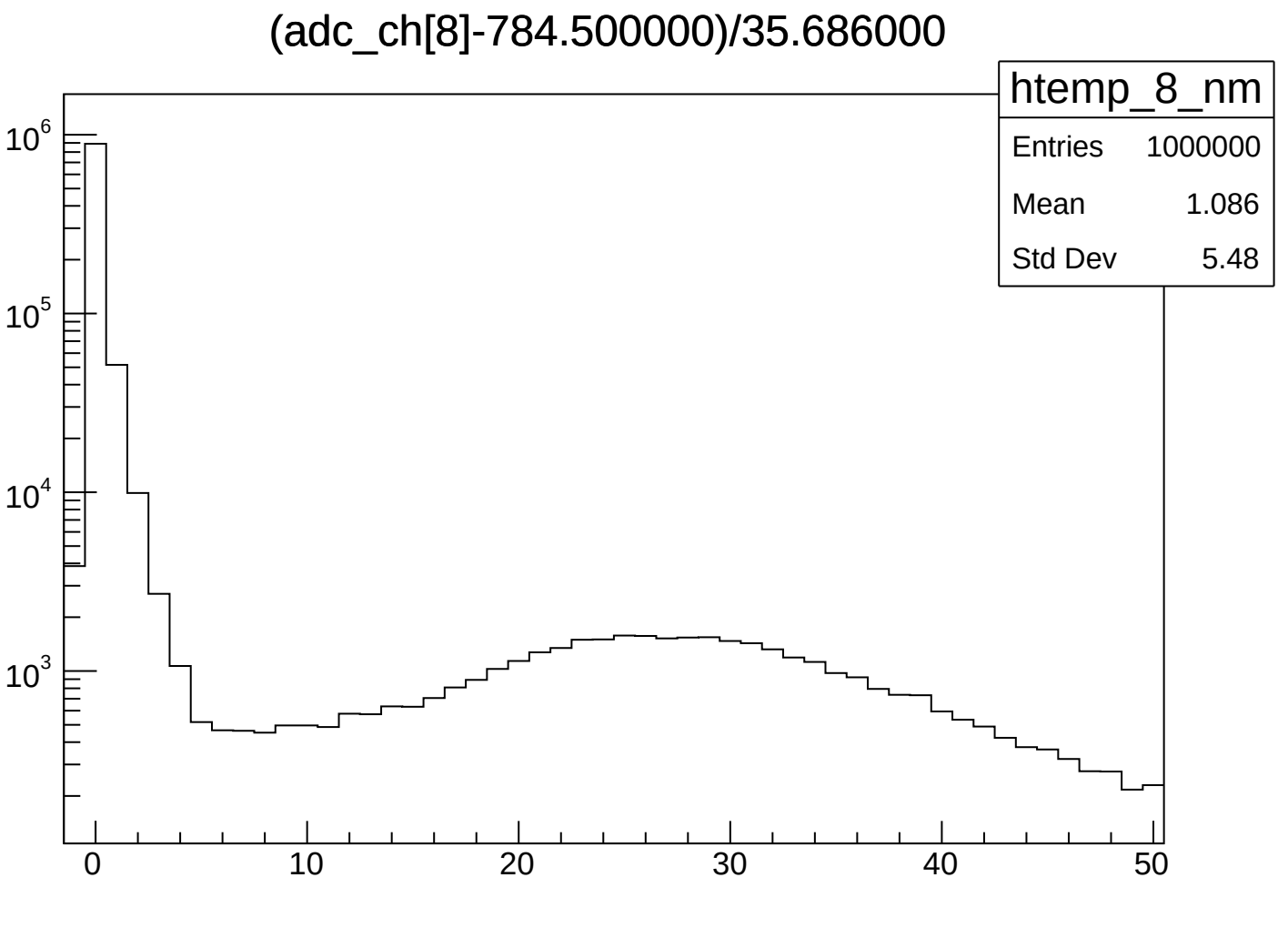

(adc_ch[6]-789.500000)/35.140000
htemp_6_nm
Entries 1000000
Mean 0.7936
Std Dev 4.236
χ² / ndf 217.6 / 23
Constant 2025 ± 14.6
Mean 18.27 ± 0.07
Sigma 7.911 ± 0.070
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

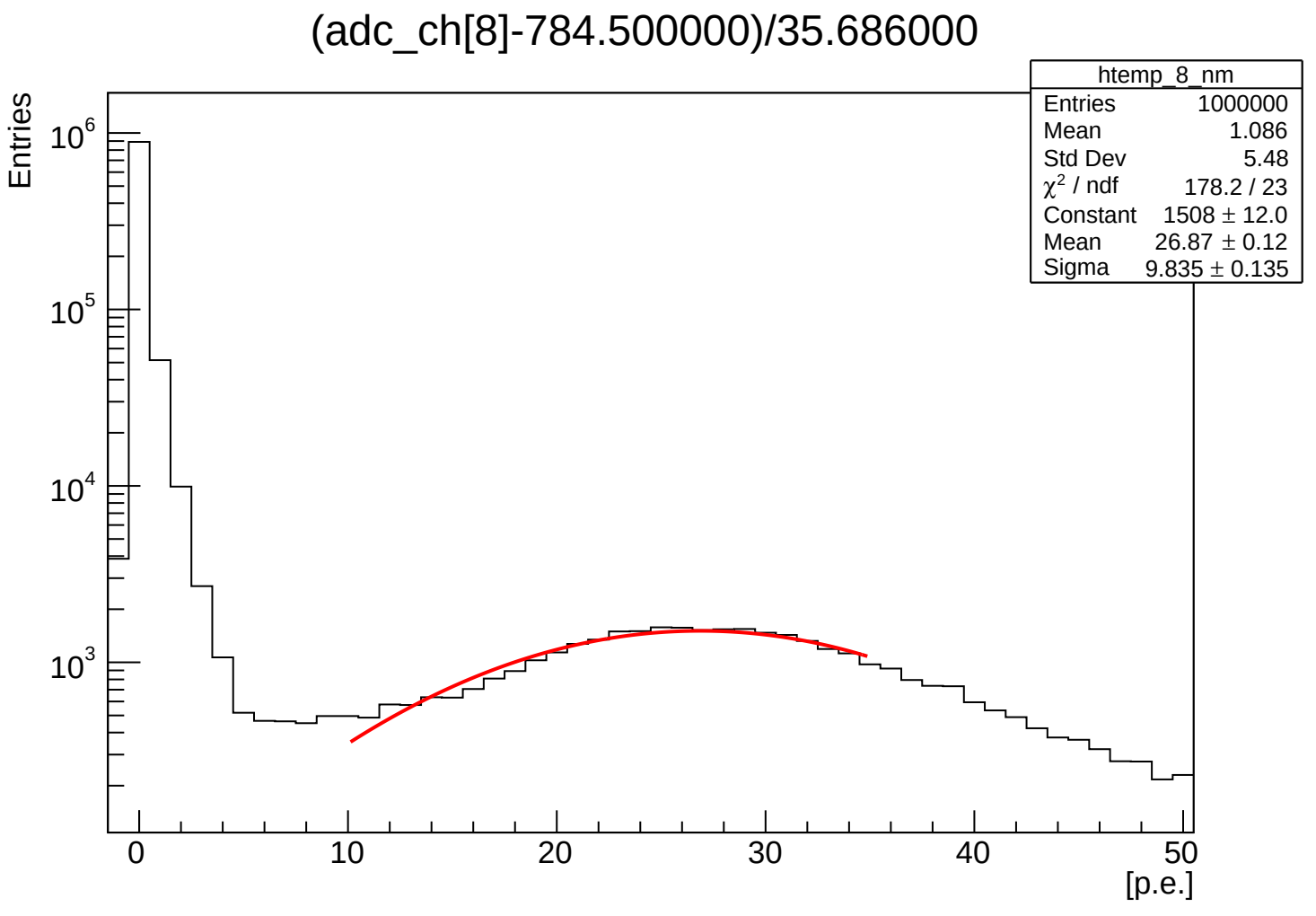

adc_ch[7]
htemp_7
Entries 1000000
Mean 811.6
Std Dev 118.3
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

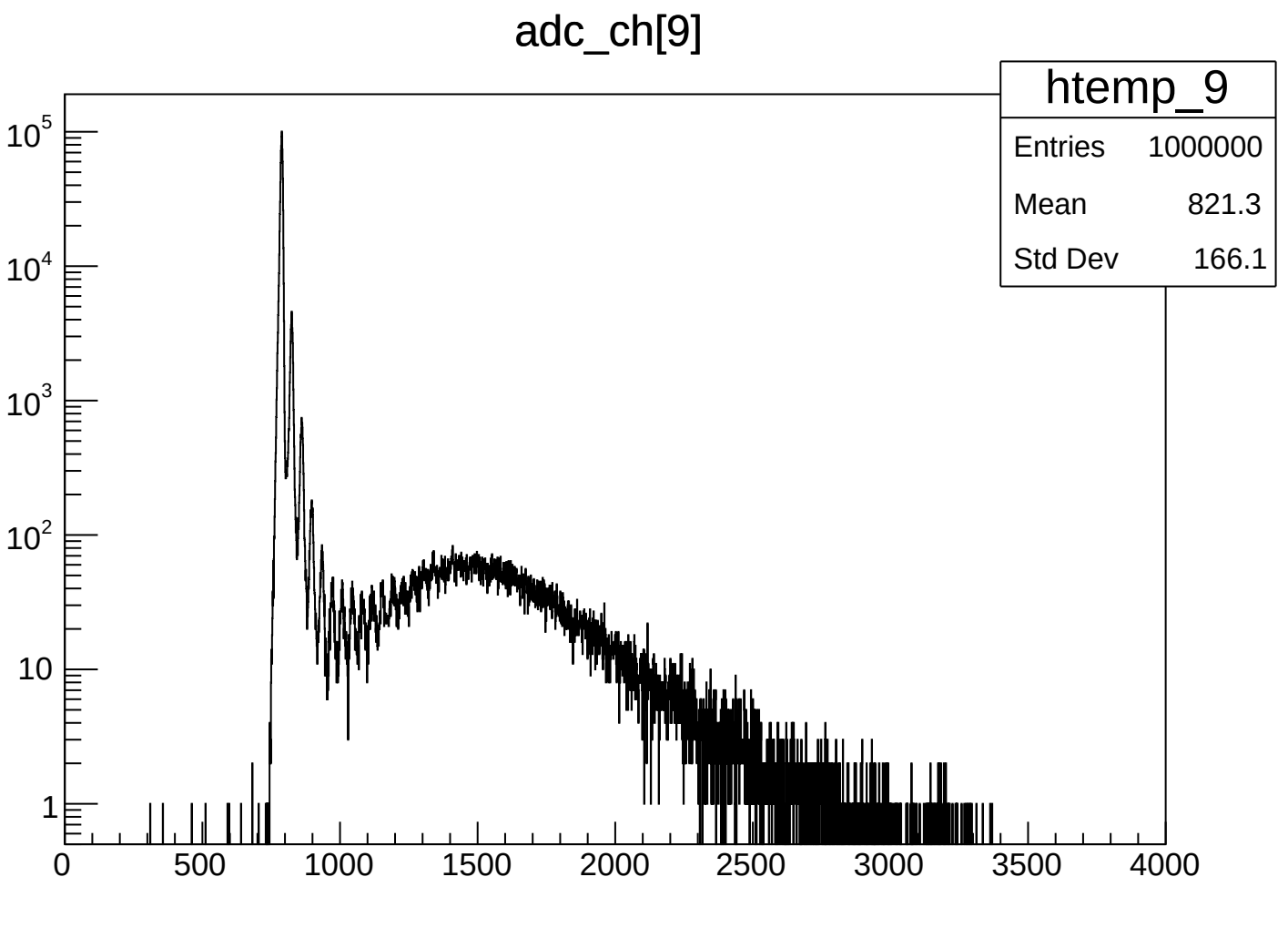

(adc_ch[7]-795.500000)/35.801000
htemp_7_nm
Entries 1000000
Mean 0.4362
Std Dev 3.187
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

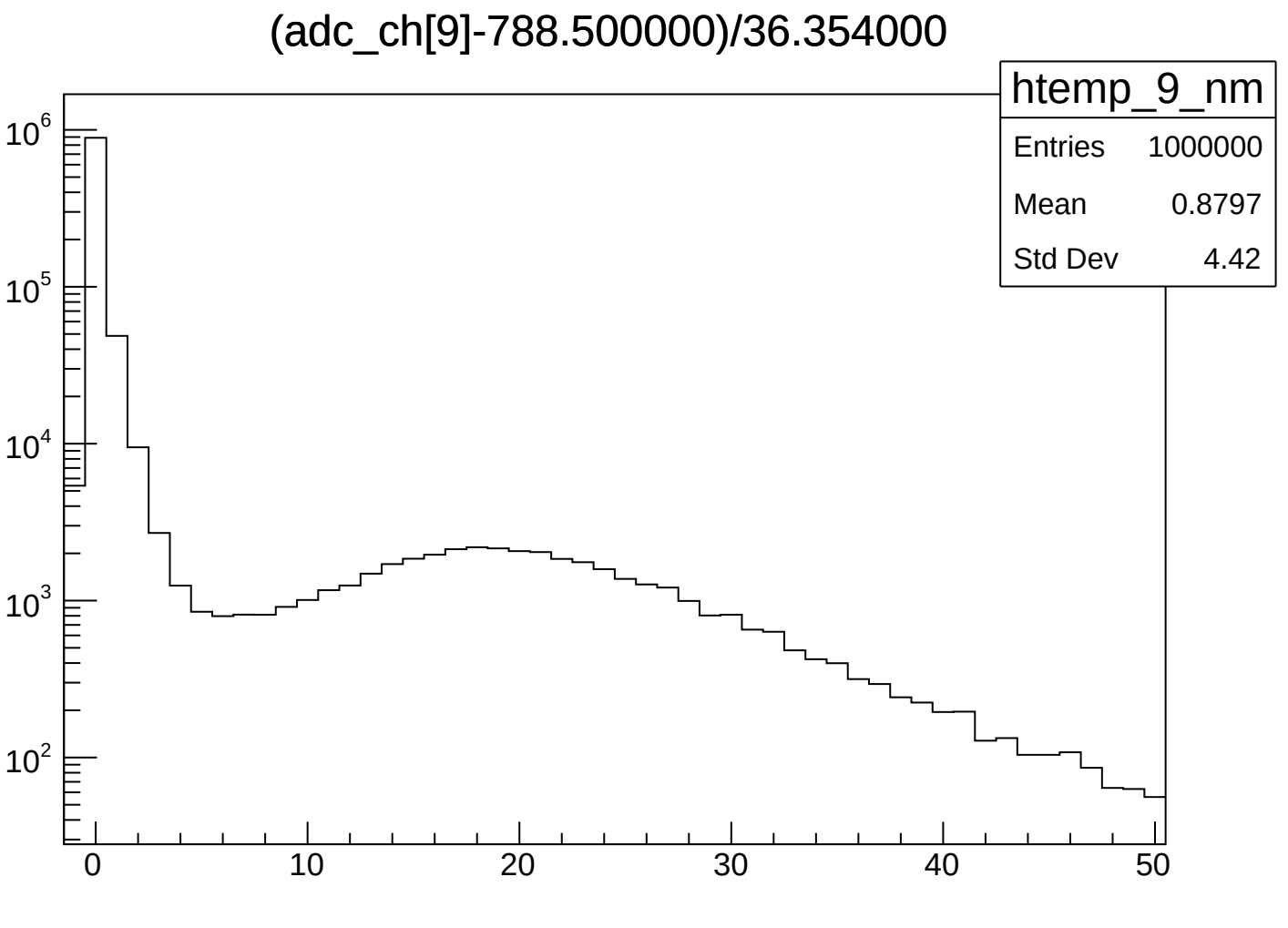

(adc_ch[7]-795.500000)/35.801000
htemp_7_nm
Entries 1000000
Mean 0.4362
Std Dev 3.187
χ² / ndf 77.25 / 23
Constant 953.7 ± 9.3
Mean 17.31 ± 0.16
Sigma 9.521 ± 0.157
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

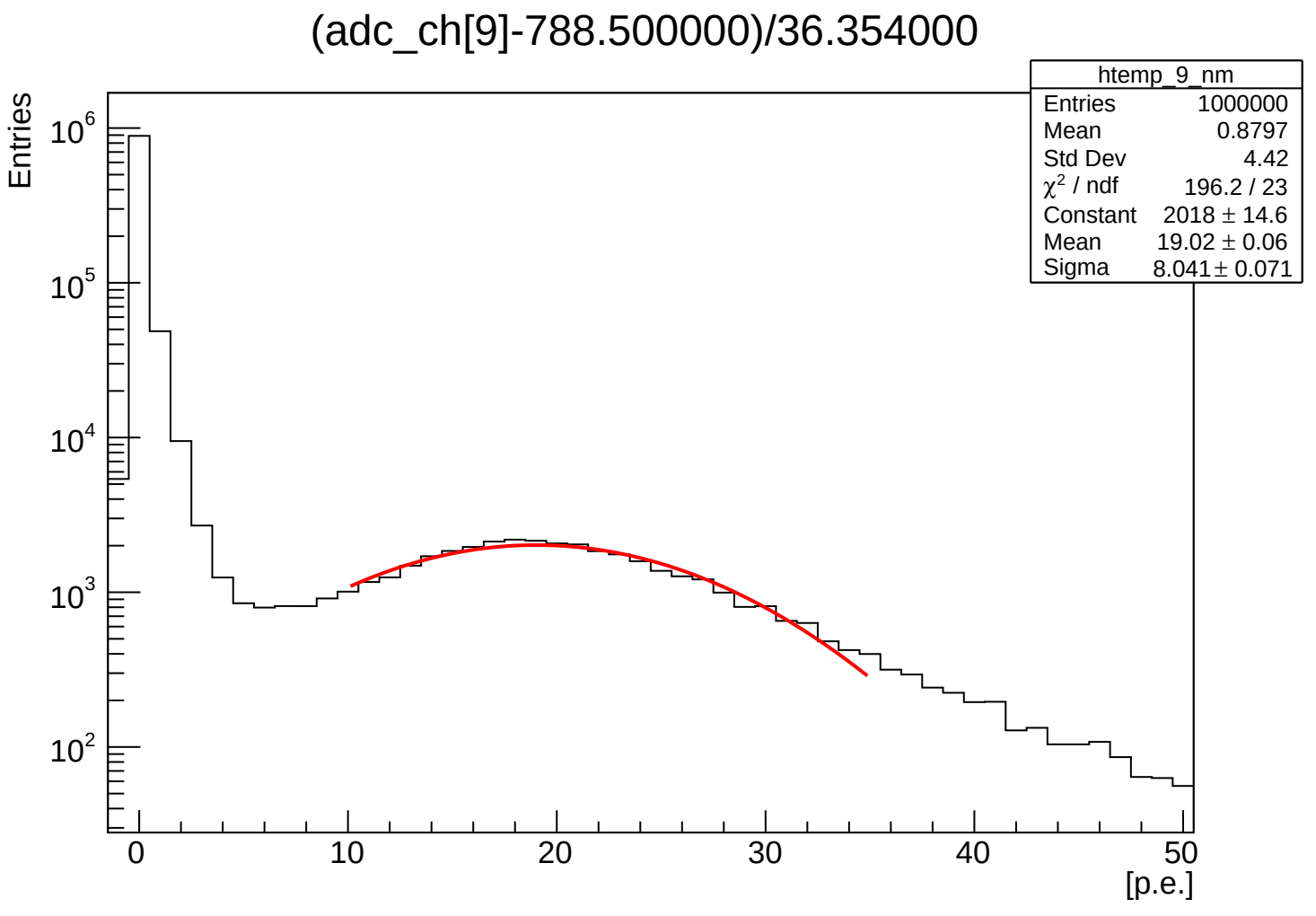

adc_ch[8]
htemp_8
Entries 1000000
Mean 827.2
Std Dev 215.3
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

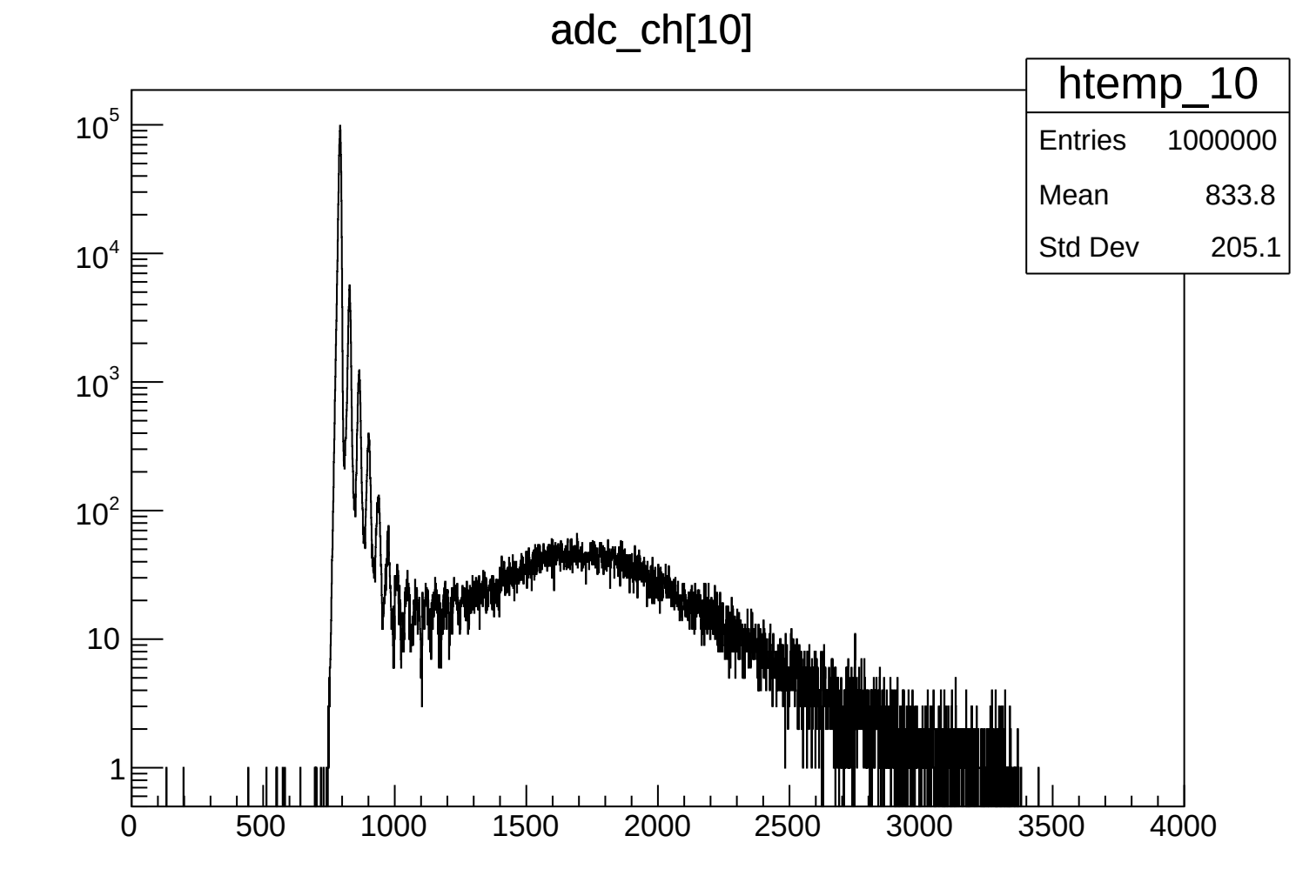

(adc_ch[8]-784.500000)/35.686000
htemp_8_nm
Entries 1000000
Mean 1.086
Std Dev 5.48
10^6
10^5
10^4
10^3
0
10
20
30
40
50

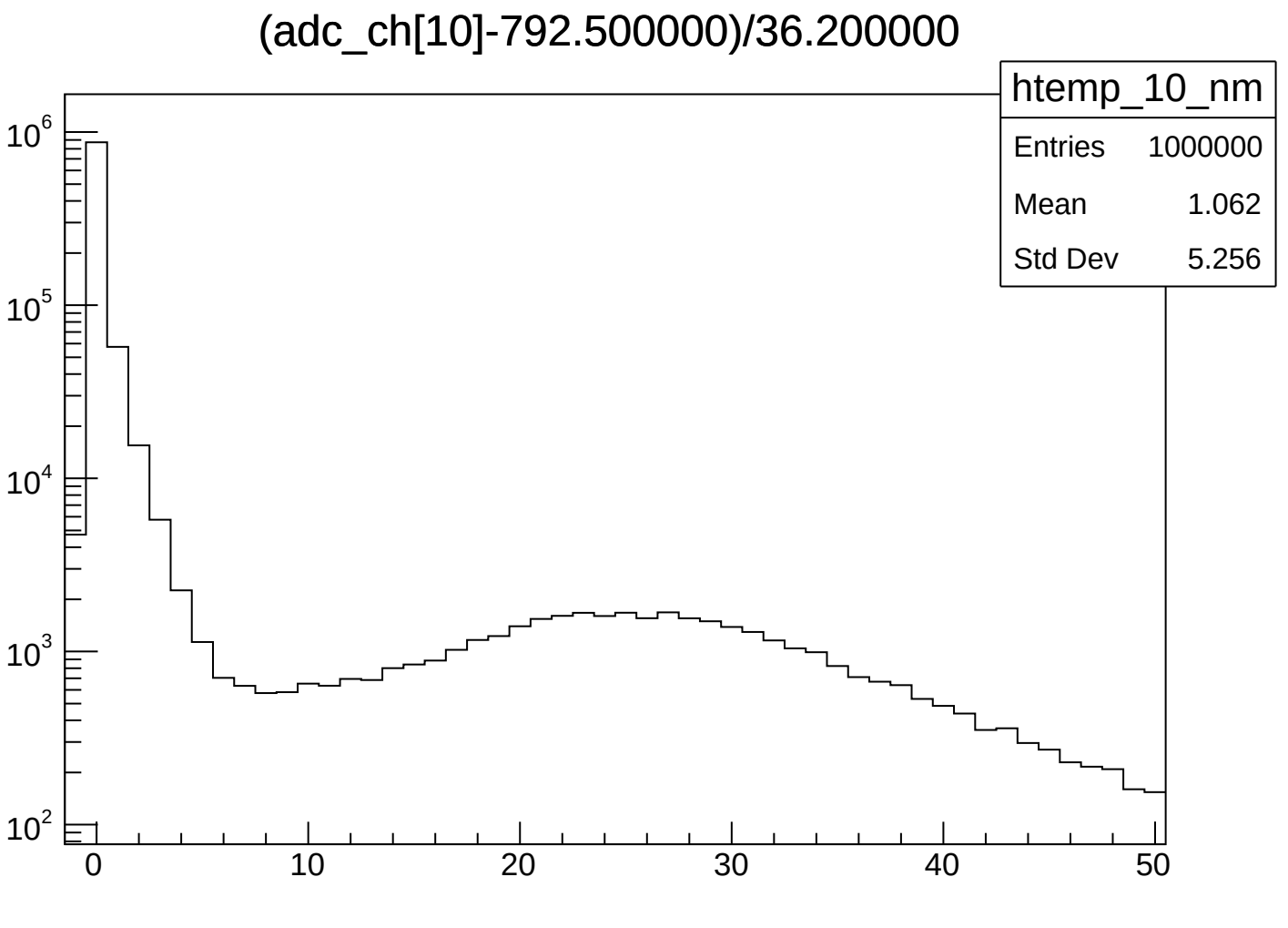

(adc_ch[8]-784.500000)/35.686000
htemp_8_nm
Entries 1000000
Mean 1.086
Std Dev 5.48
χ² / ndf 178.2 / 23
Constant 1508 ± 12.0
Mean 26.87 ± 0.12
Sigma 9.835 ± 0.135
Entries
10⁶
10⁵
10⁴
10³
0
10
20
30
40
50
[p.e.]

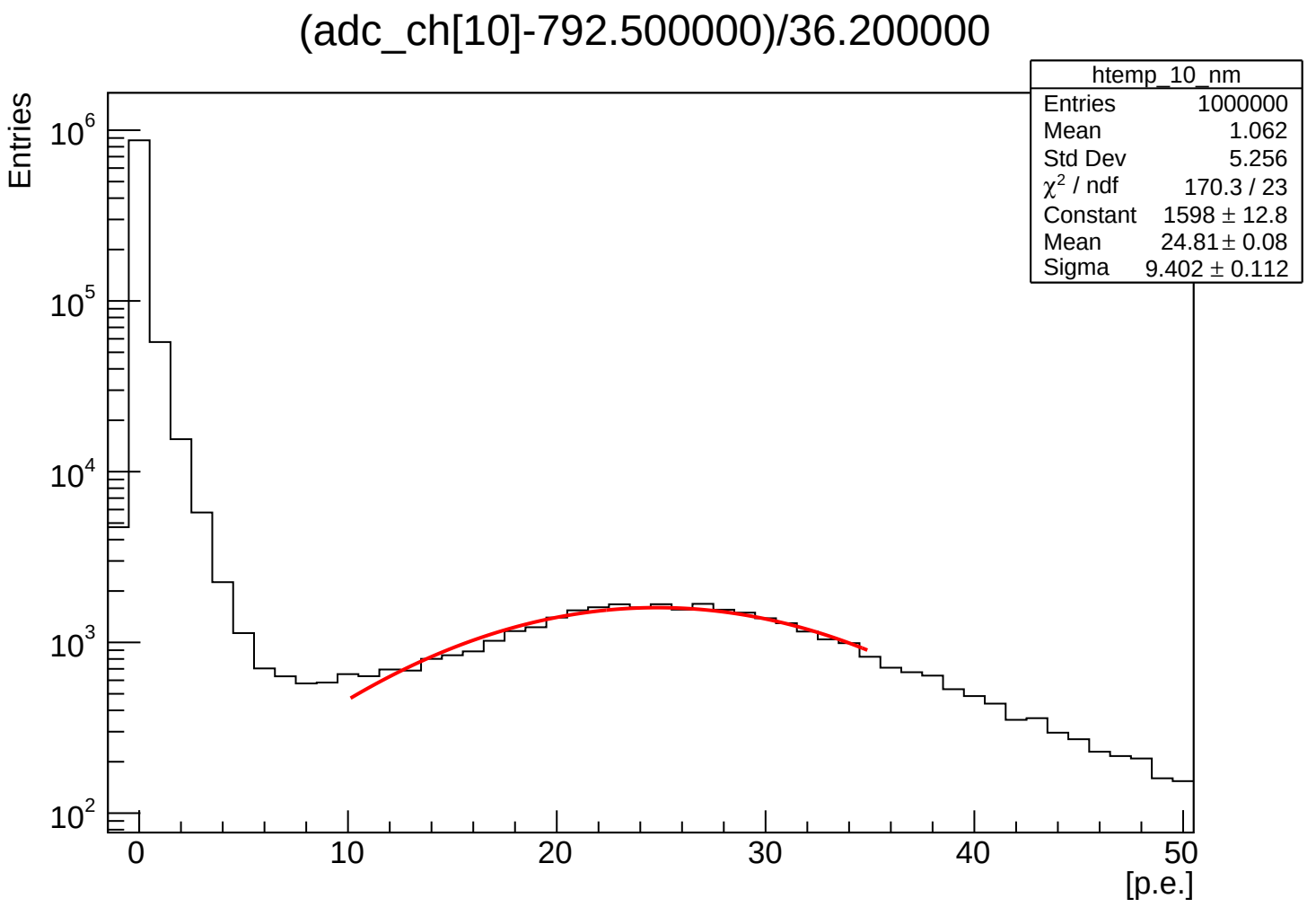

adc_ch[9]
htemp_9
Entries 1000000
Mean 821.3
Std Dev 166.1
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

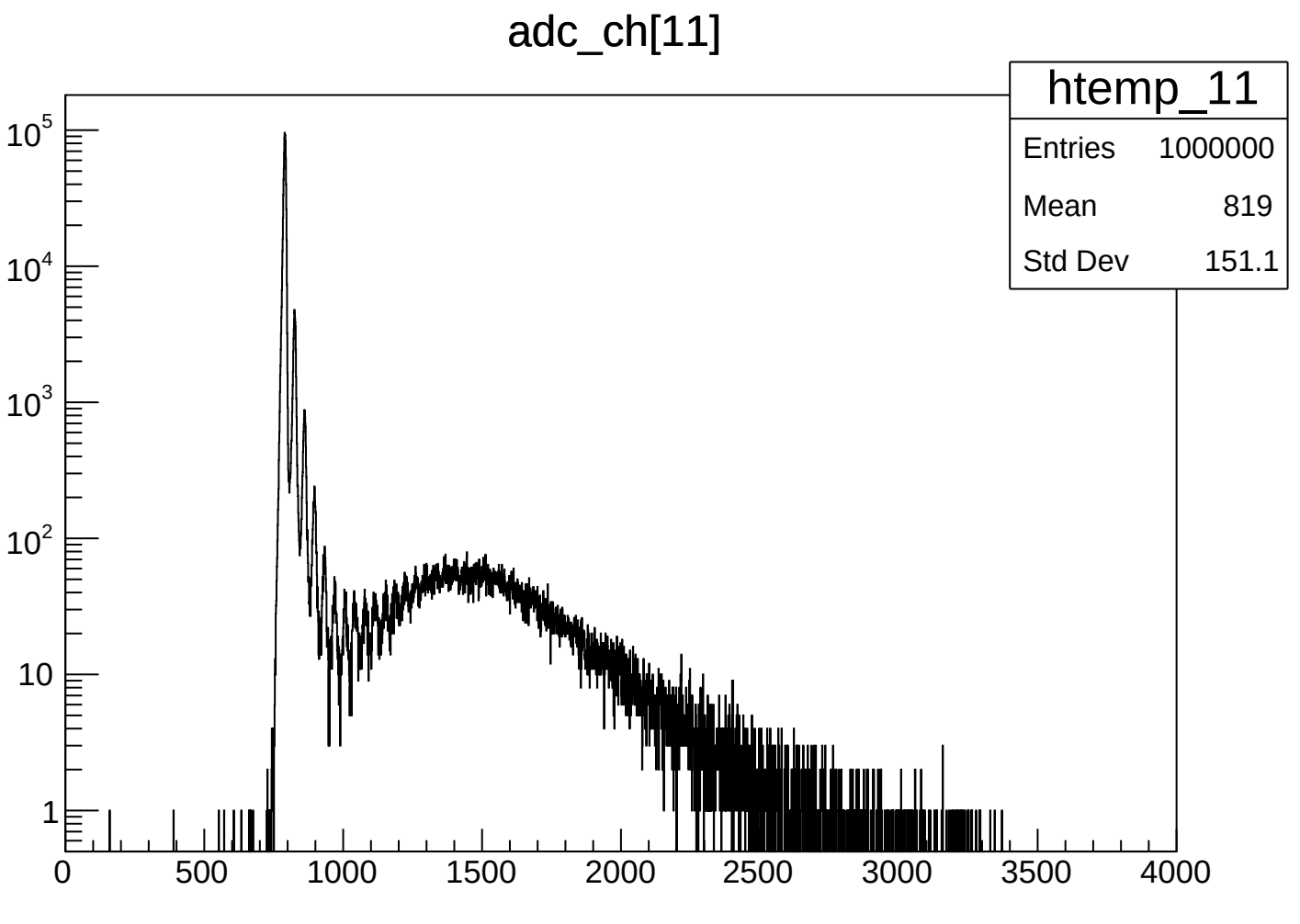

(adc_ch[9]-788.500000)/36.354000
htemp_9_nm
Entries 1000000
Mean 0.8797
Std Dev 4.42
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

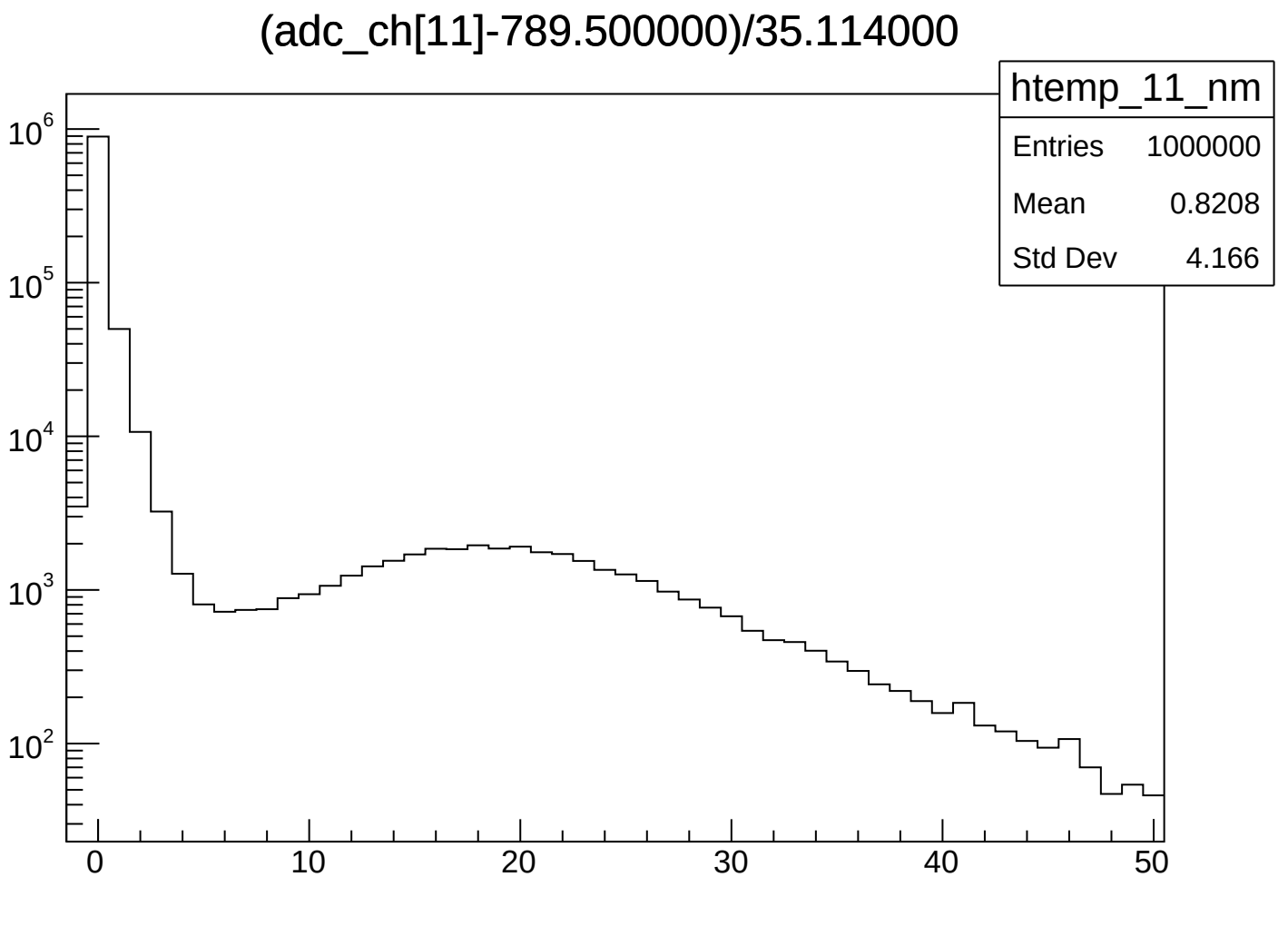

(adc_ch[9]-788.500000)/36.354000
htemp_9_nm
Entries 1000000
Mean 0.8797
Std Dev 4.42
χ² / ndf 196.2 / 23
Constant 2018 ± 14.6
Mean 19.02 ± 0.06
Sigma 8.041 ± 0.071
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

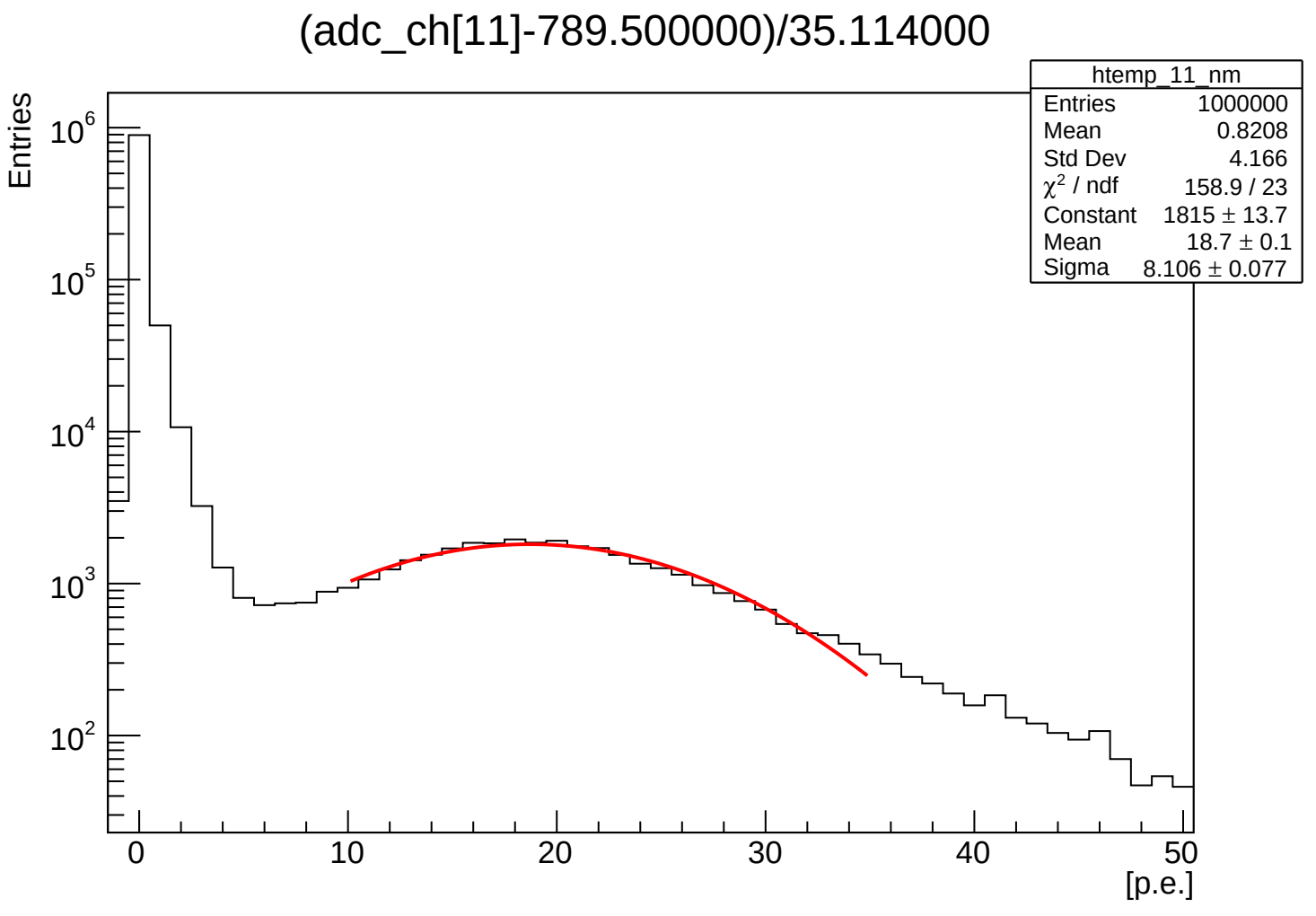

adc_ch[10]
htemp_10
Entries 1000000
Mean 833.8
Std Dev 205.1
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

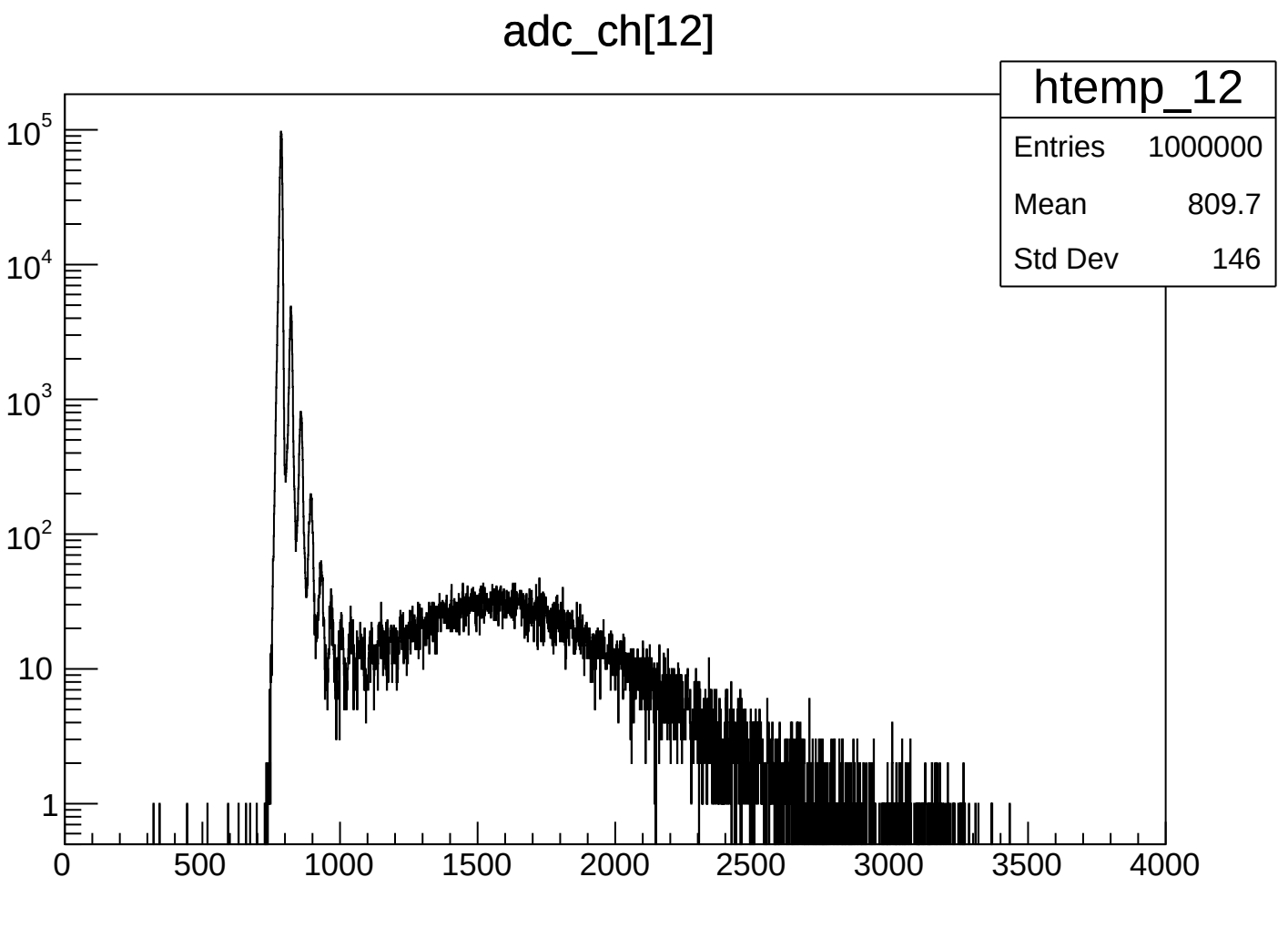

(adc_ch[10]-792.500000)/36.200000
htemp_10_nm
Entries 1000000
Mean 1.062
Std Dev 5.256
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

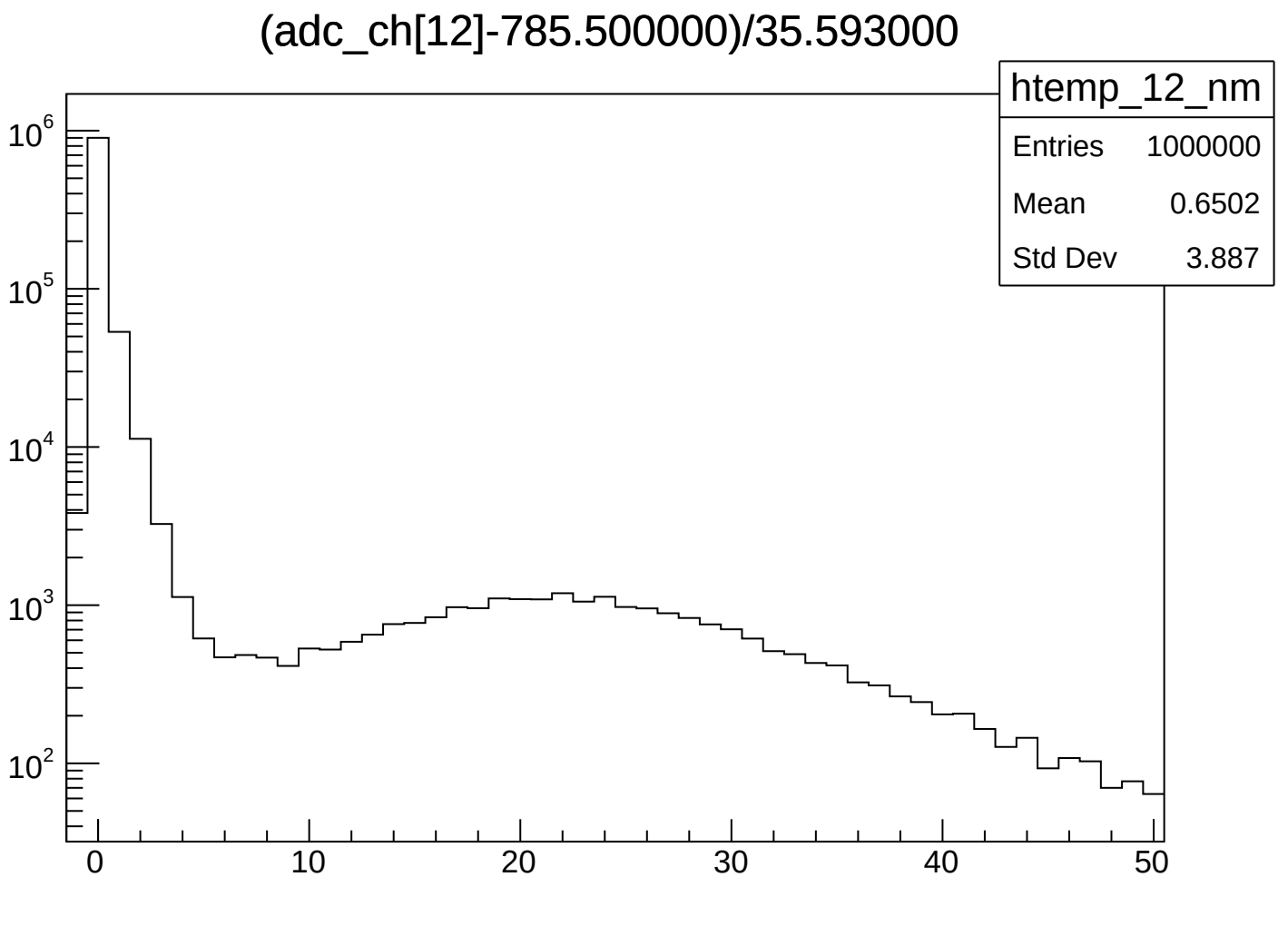

(adc_ch[10]-792.500000)/36.200000
htemp_10_nm
Entries 1000000
Mean 1.062
Std Dev 5.256
χ² / ndf 170.3 / 23
Constant 1598 ± 12.8
Mean 24.81 ± 0.08
Sigma 9.402 ± 0.112
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

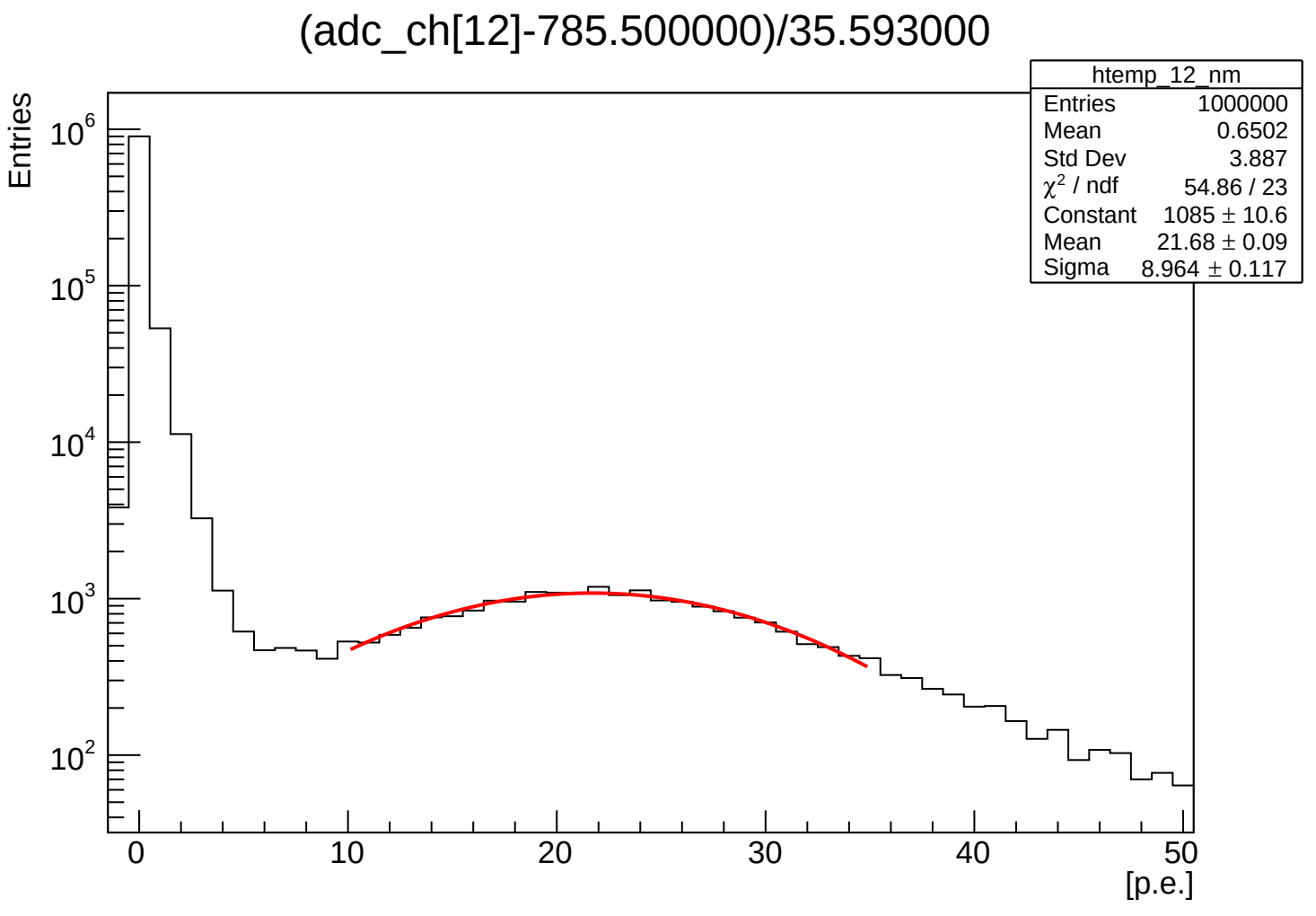

adc_ch[11]
htemp_11
Entries 1000000
Mean 819
Std Dev 151.1
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

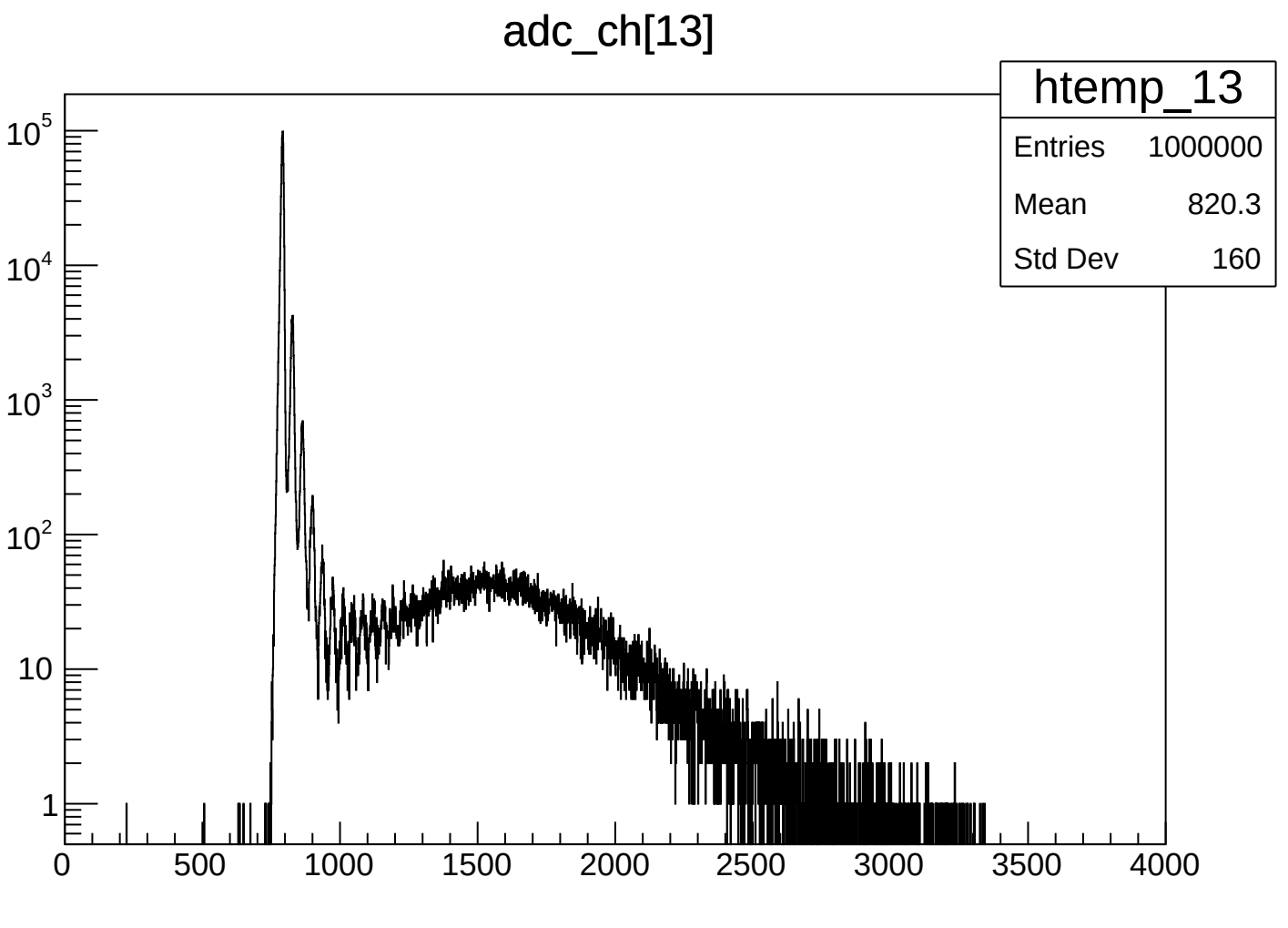

(adc_ch[11]-789.500000)/35.114000
htemp_11_nm
Entries 1000000
Mean 0.8208
Std Dev 4.166
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

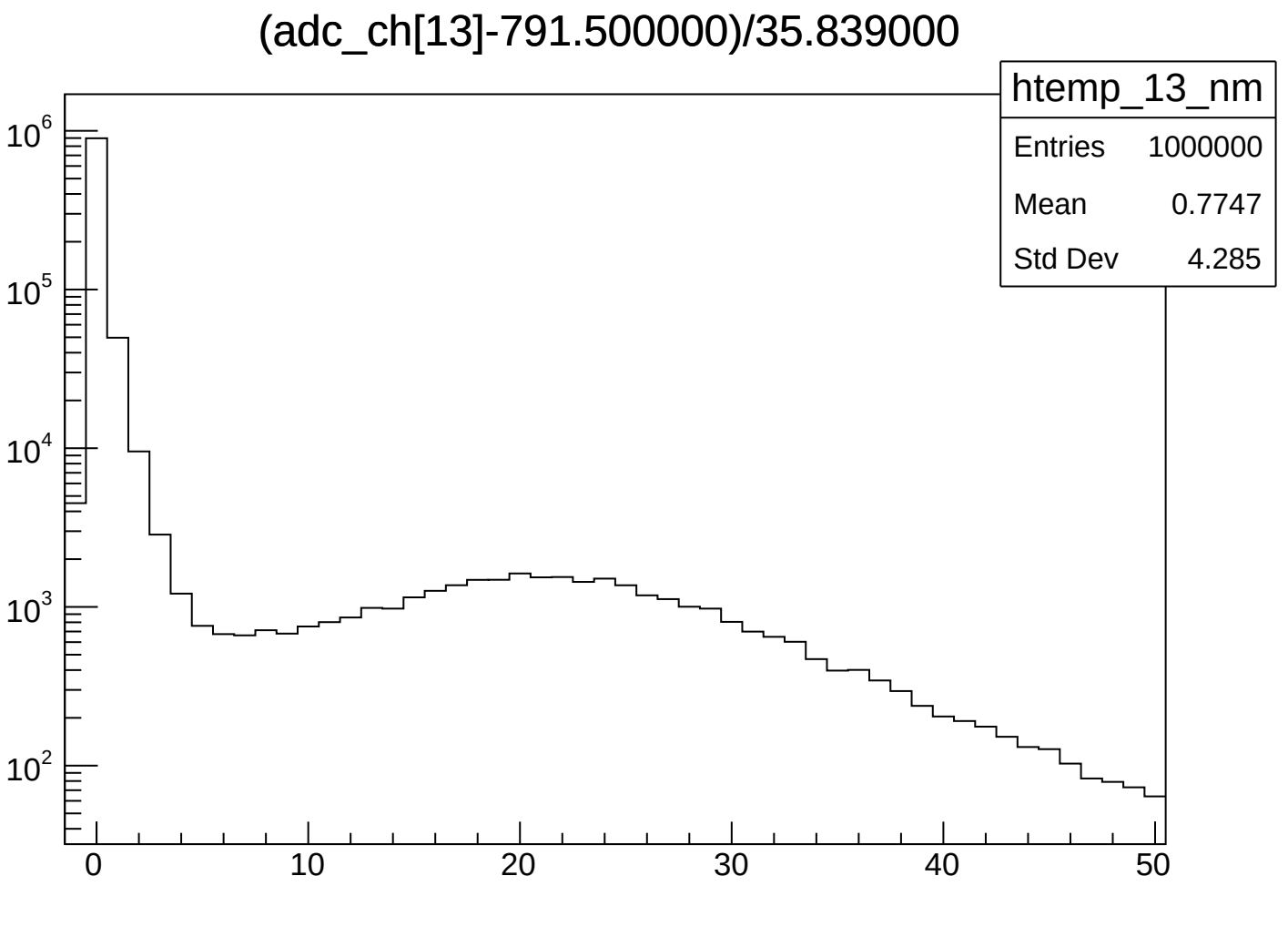

(adc_ch[11]-789.500000)/35.114000
htemp_11_nm
Entries 1000000
Mean 0.8208
Std Dev 4.166
χ² / ndf 158.9 / 23
Constant 1815 ± 13.7
Mean 18.7 ± 0.1
Sigma 8.106 ± 0.077
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

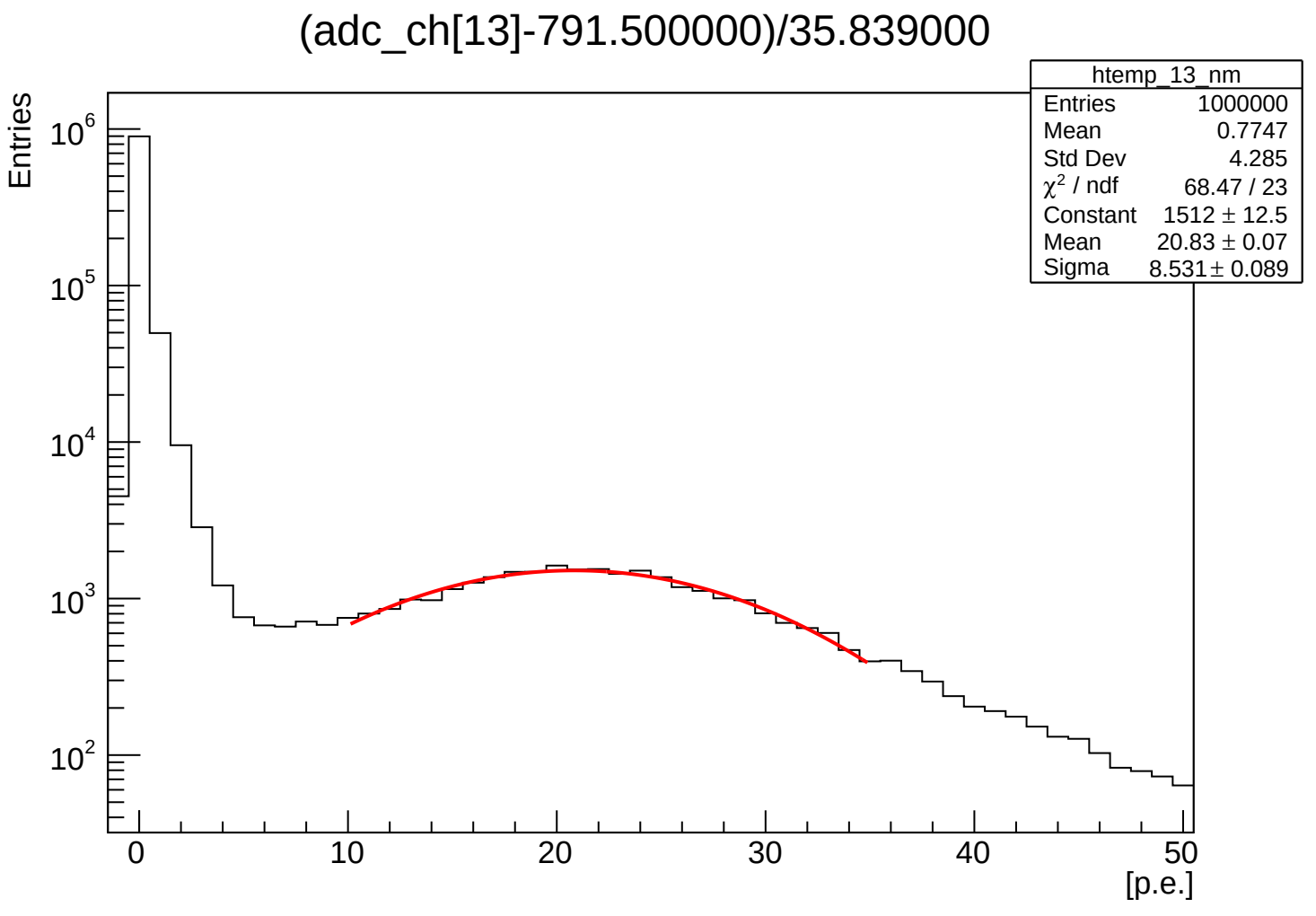

adc_ch[12]
htemp_12
Entries 1000000
Mean 809.7
Std Dev 146
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

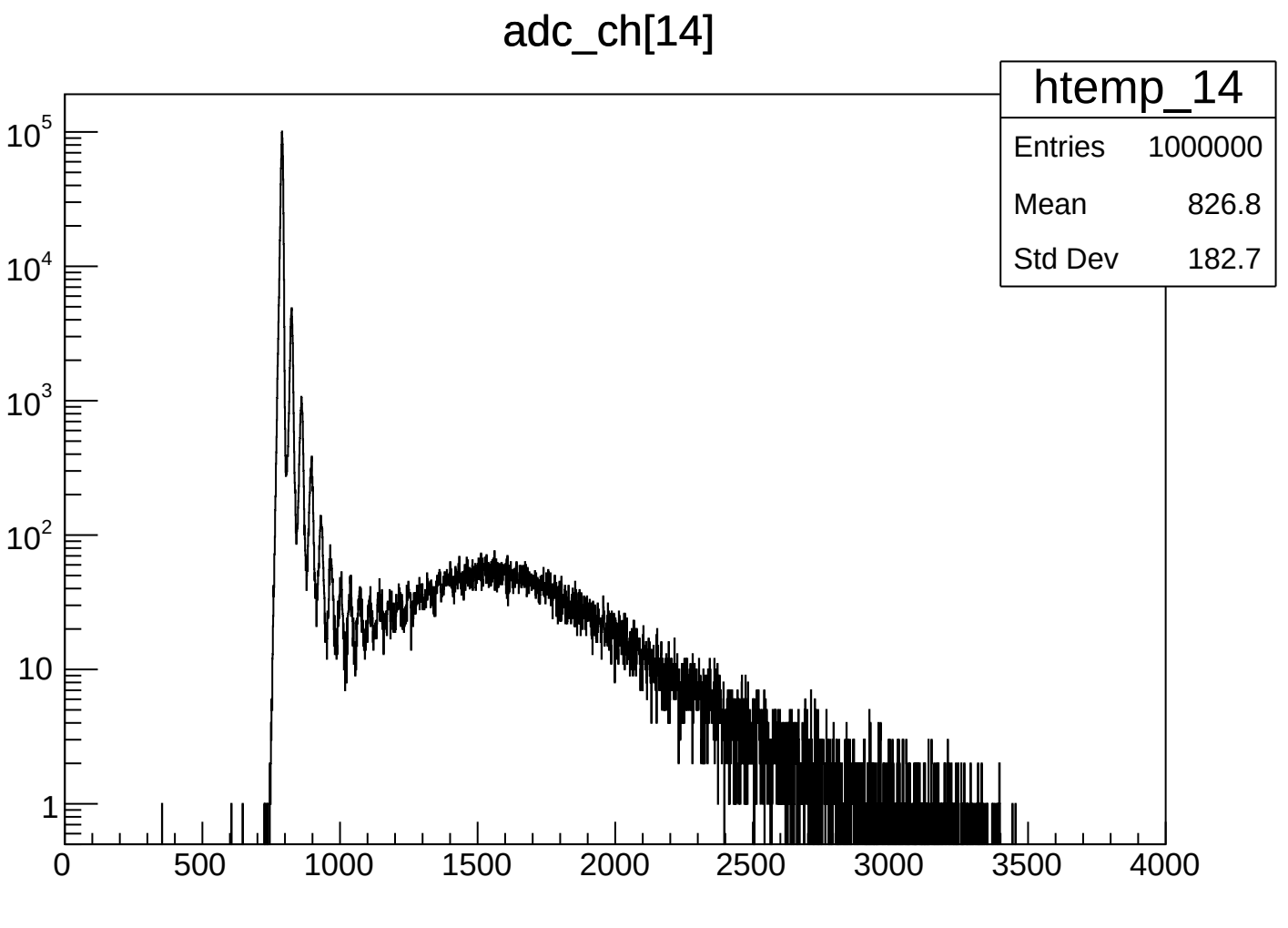

(adc_ch[12]-785.500000)/35.593000
htemp_12_nm
Entries 1000000
Mean 0.6502
Std Dev 3.887
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

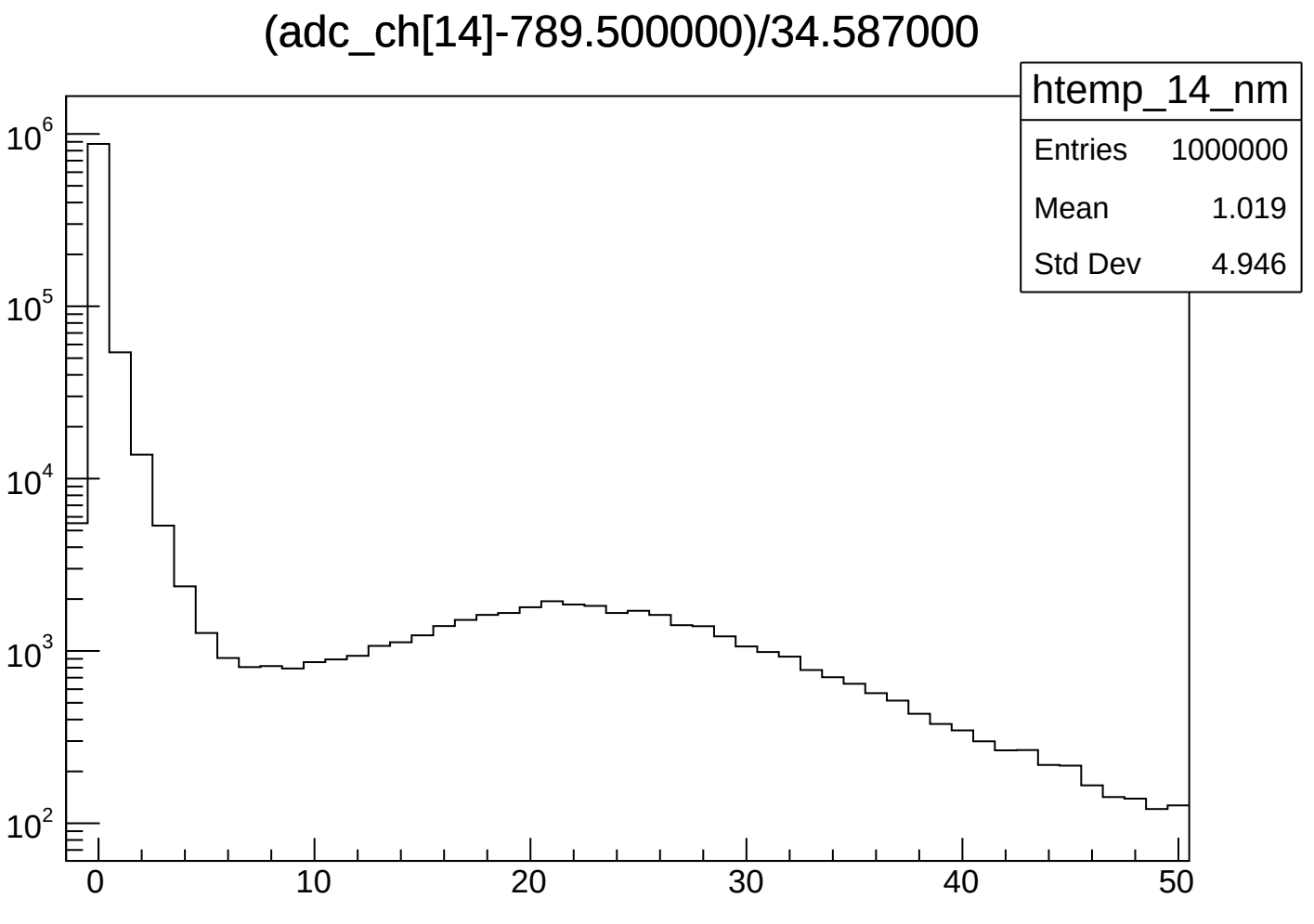

(adc_ch[12]-785.500000)/35.593000
htemp_12_nm
Entries 1000000
Mean 0.6502
Std Dev 3.887
χ² / ndf 54.86 / 23
Constant 1085 ± 10.6
Mean 21.68 ± 0.09
Sigma 8.964 ± 0.117
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

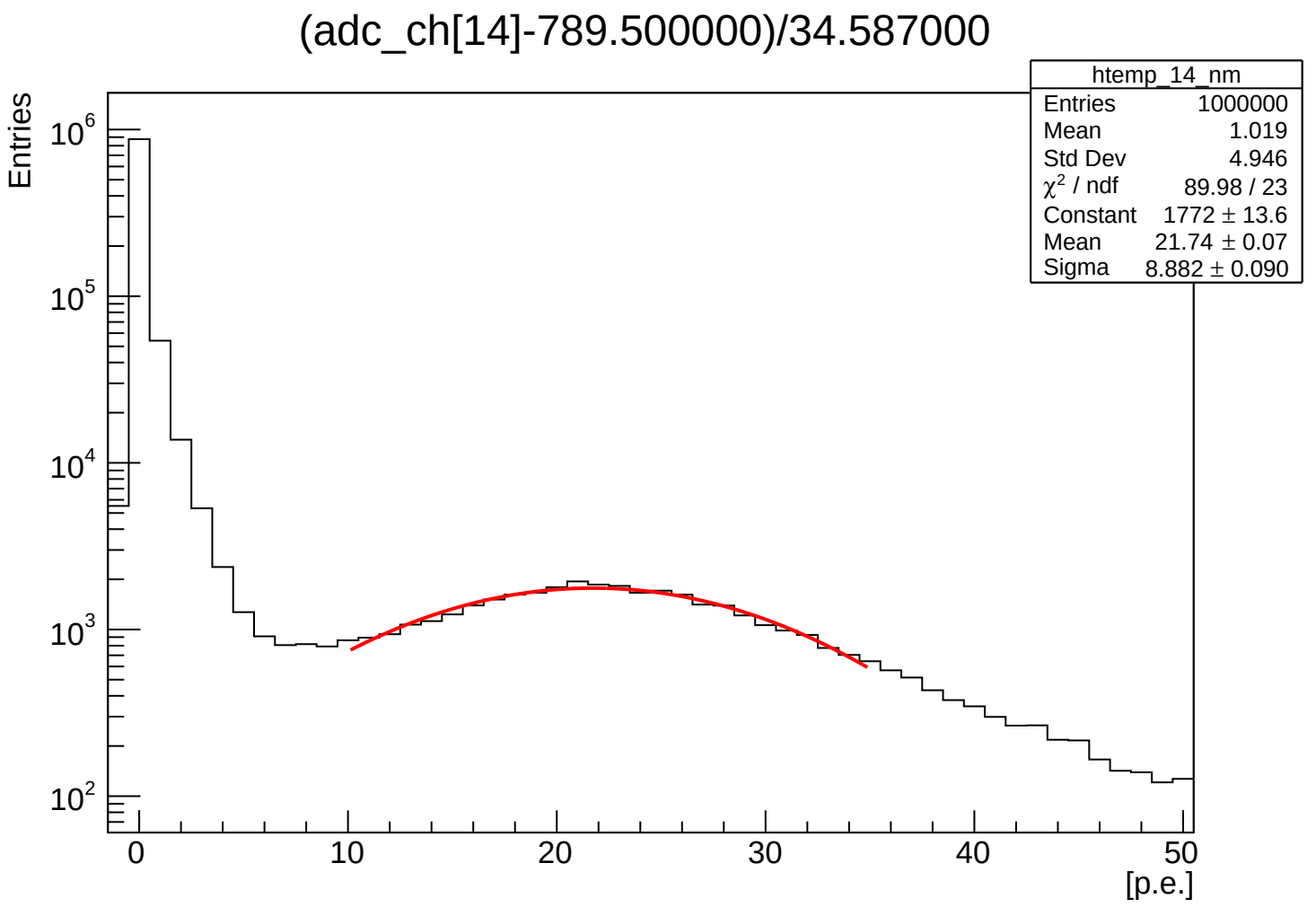

adc_ch[13]
htemp_13
Entries 1000000
Mean 820.3
Std Dev 160
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

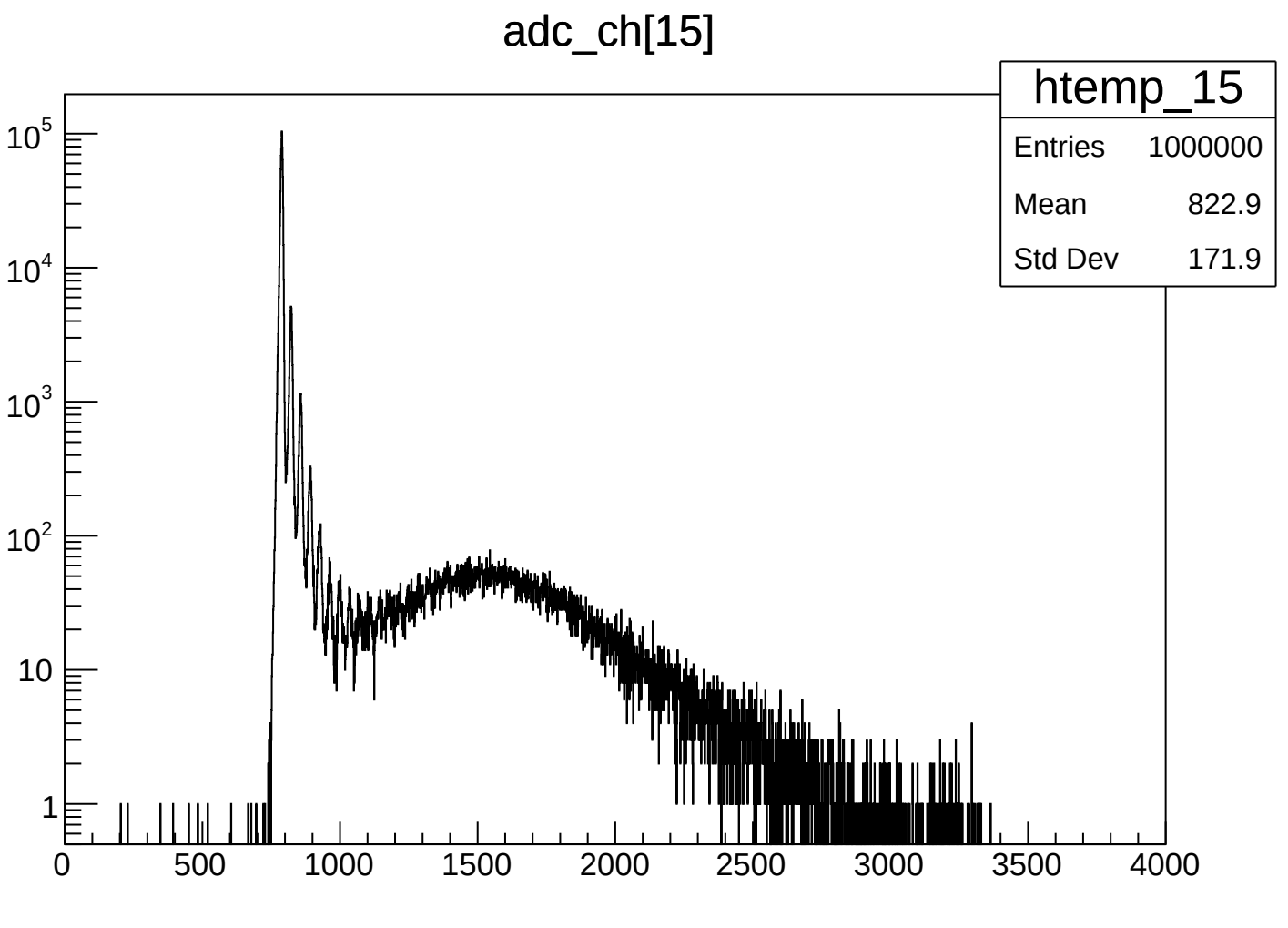

(adc_ch[13]-791.500000)/35.839000
htemp_13_nm
Entries 1000000
Mean 0.7747
Std Dev 4.285
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

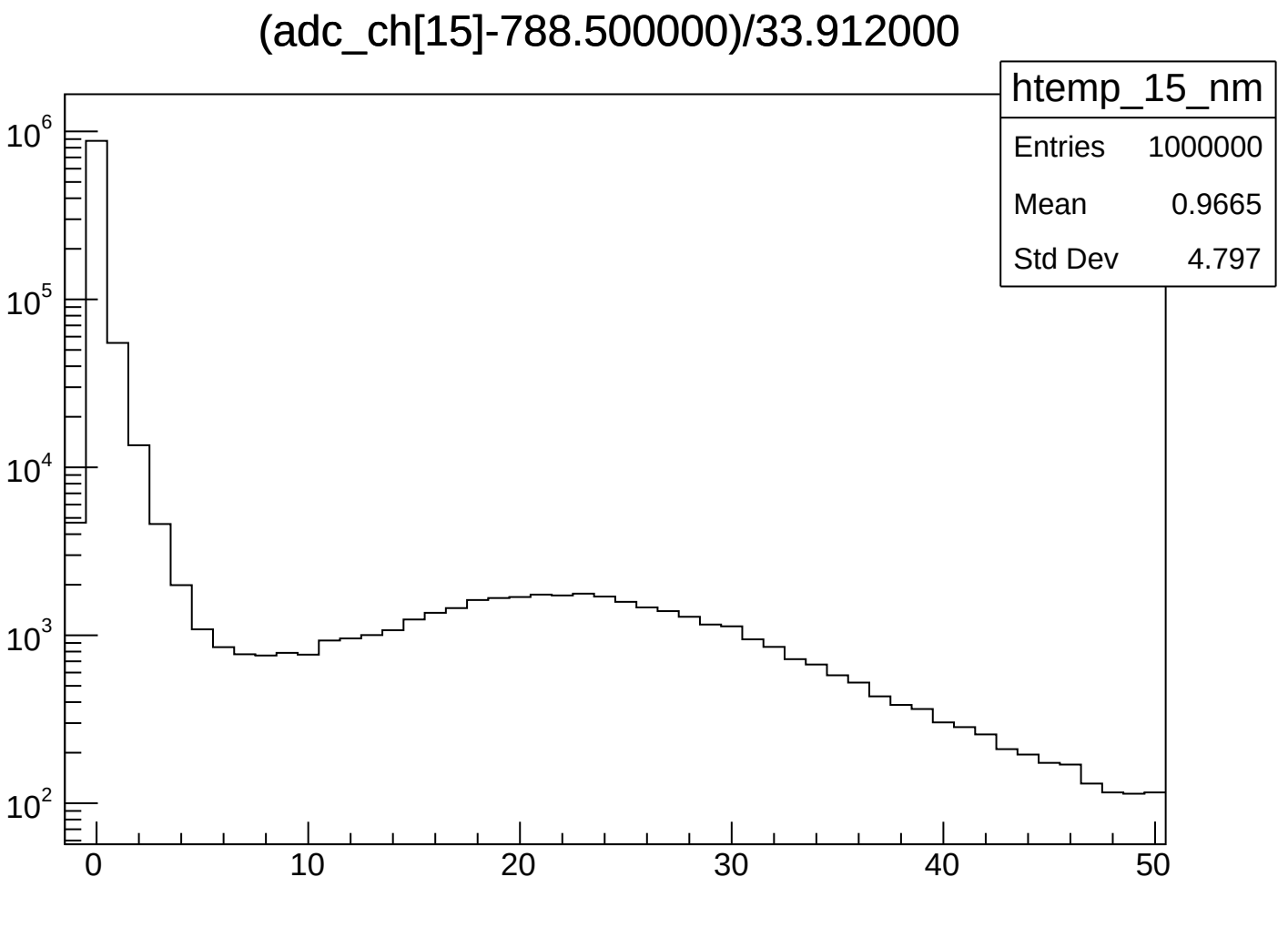

(adc_ch[13]-791.500000)/35.839000
htemp_13_nm
Entries 1000000
Mean 0.7747
Std Dev 4.285
χ² / ndf 68.47 / 23
Constant 1512 ± 12.5
Mean 20.83 ± 0.07
Sigma 8.531 ± 0.089
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

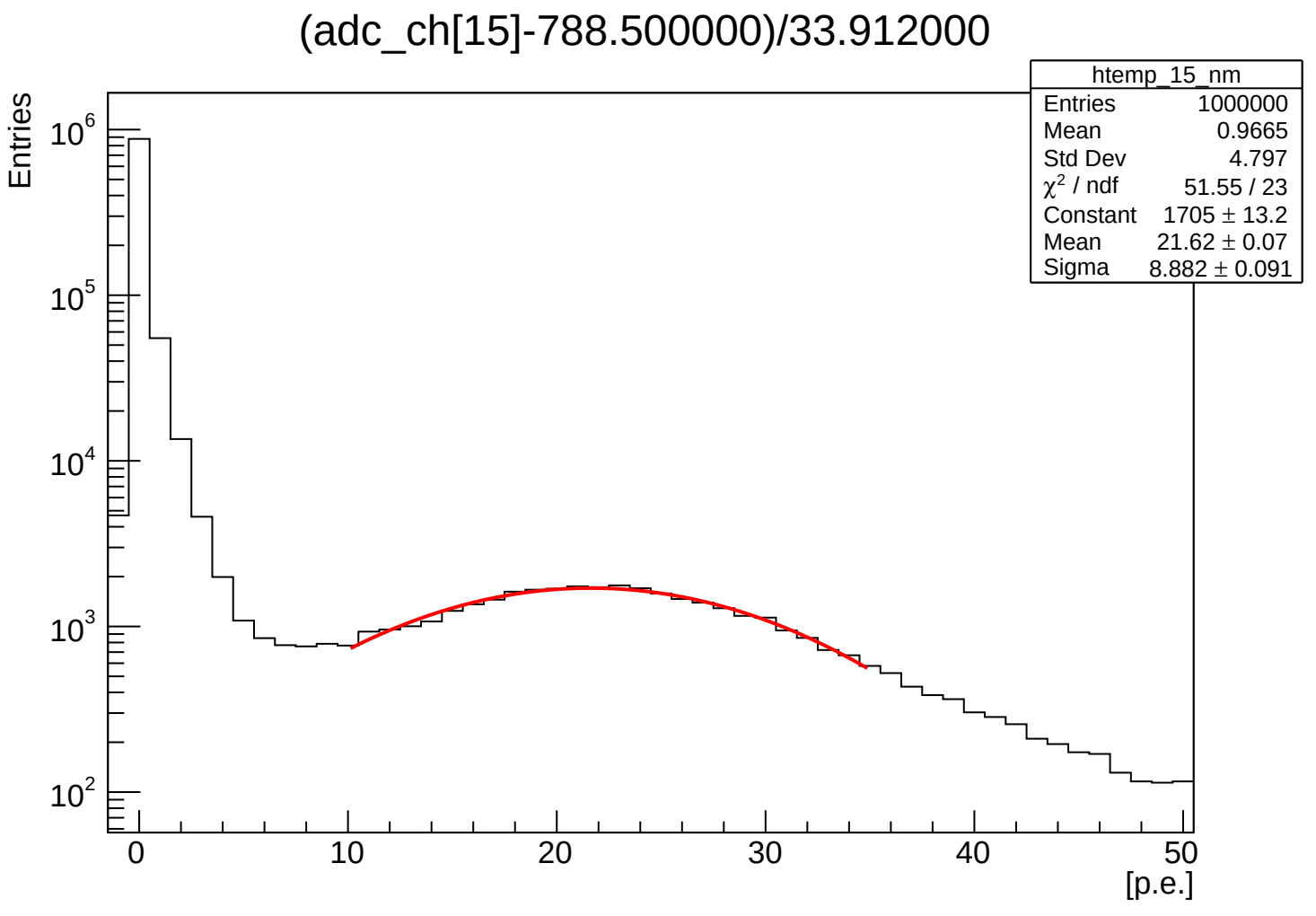

adc_ch[14]
htemp_14
Entries 1000000
Mean 826.8
Std Dev 182.7
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

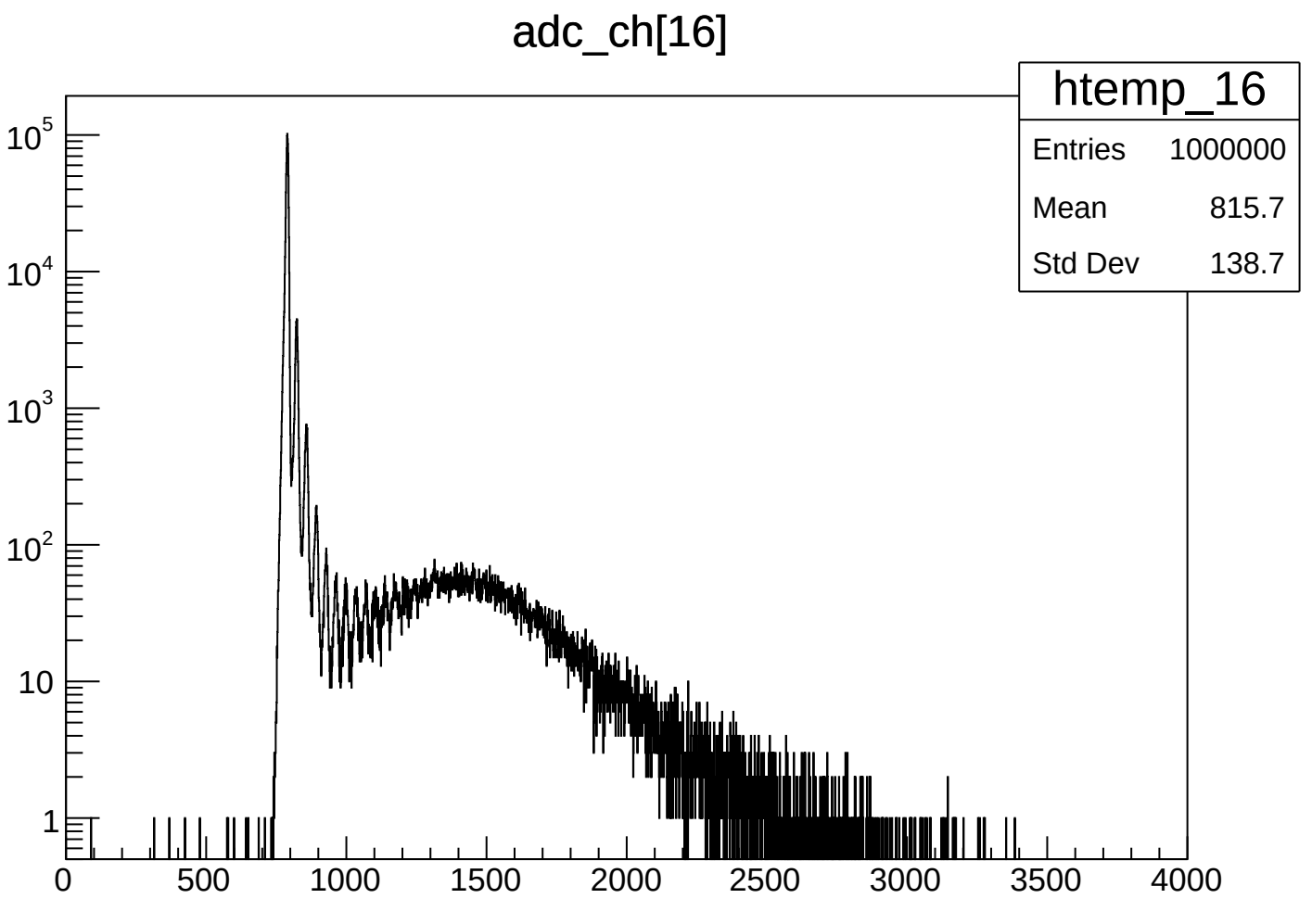

(adc_ch[14]-789.500000)/34.587000
htemp_14_nm
Entries 1000000
Mean 1.019
Std Dev 4.946
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

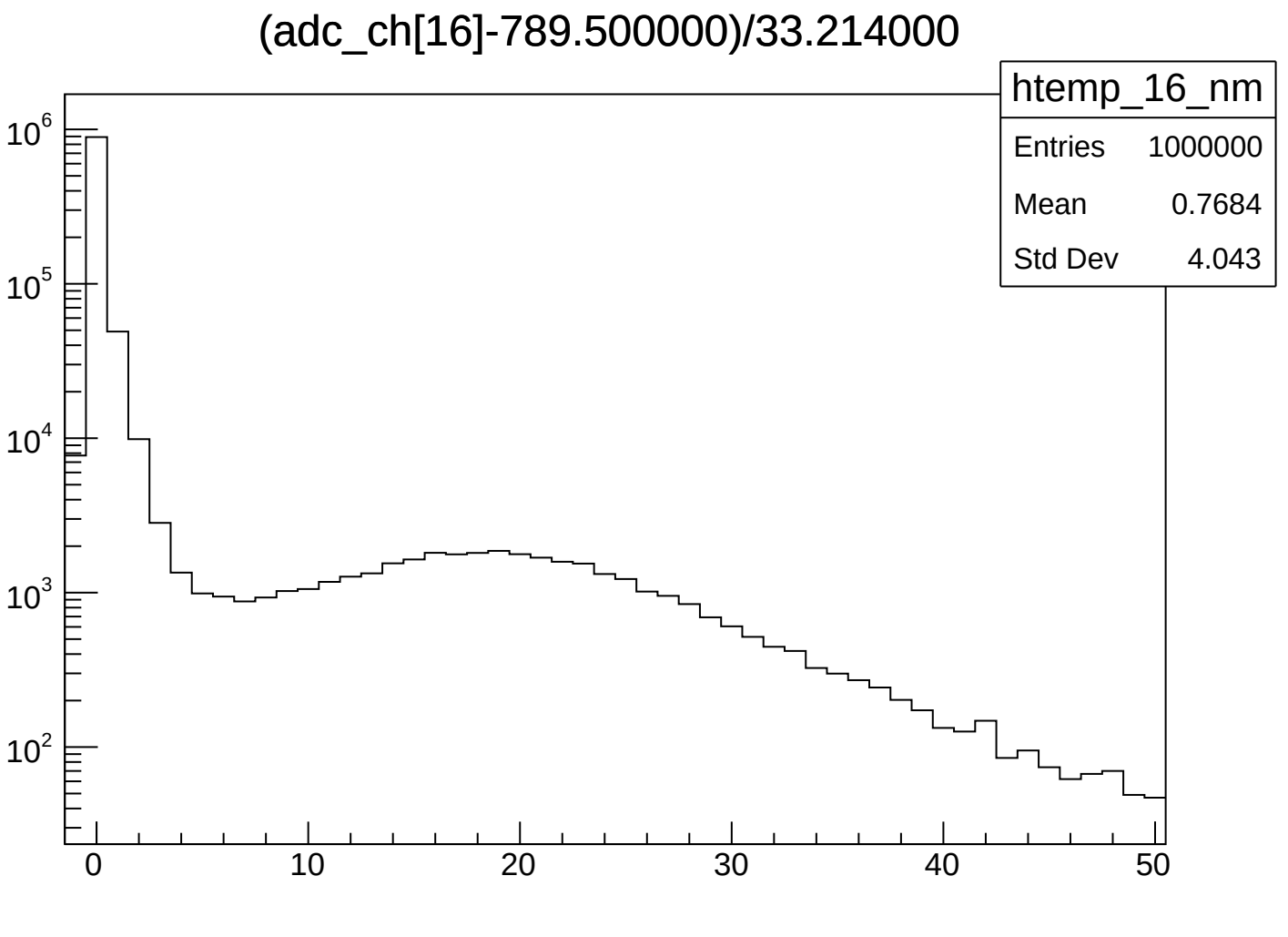

(adc_ch[14]-789.500000)/34.587000
htemp_14_nm
Entries 1000000
Mean 1.019
Std Dev 4.946
χ² / ndf 89.98 / 23
Constant 1772 ± 13.6
Mean 21.74 ± 0.07
Sigma 8.882 ± 0.090
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

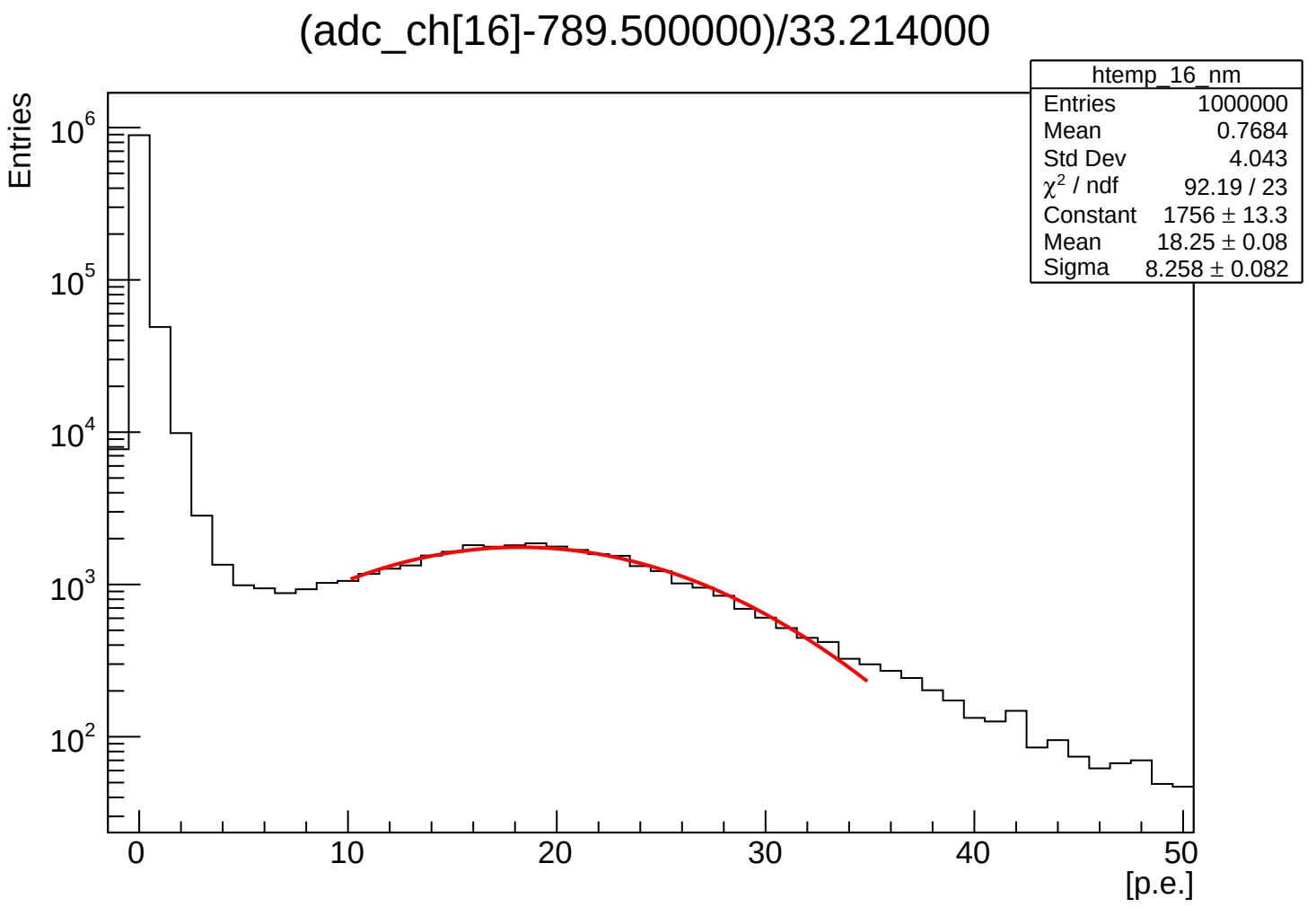

adc_ch[15]
htemp_15
Entries 1000000
Mean 822.9
Std Dev 171.9
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

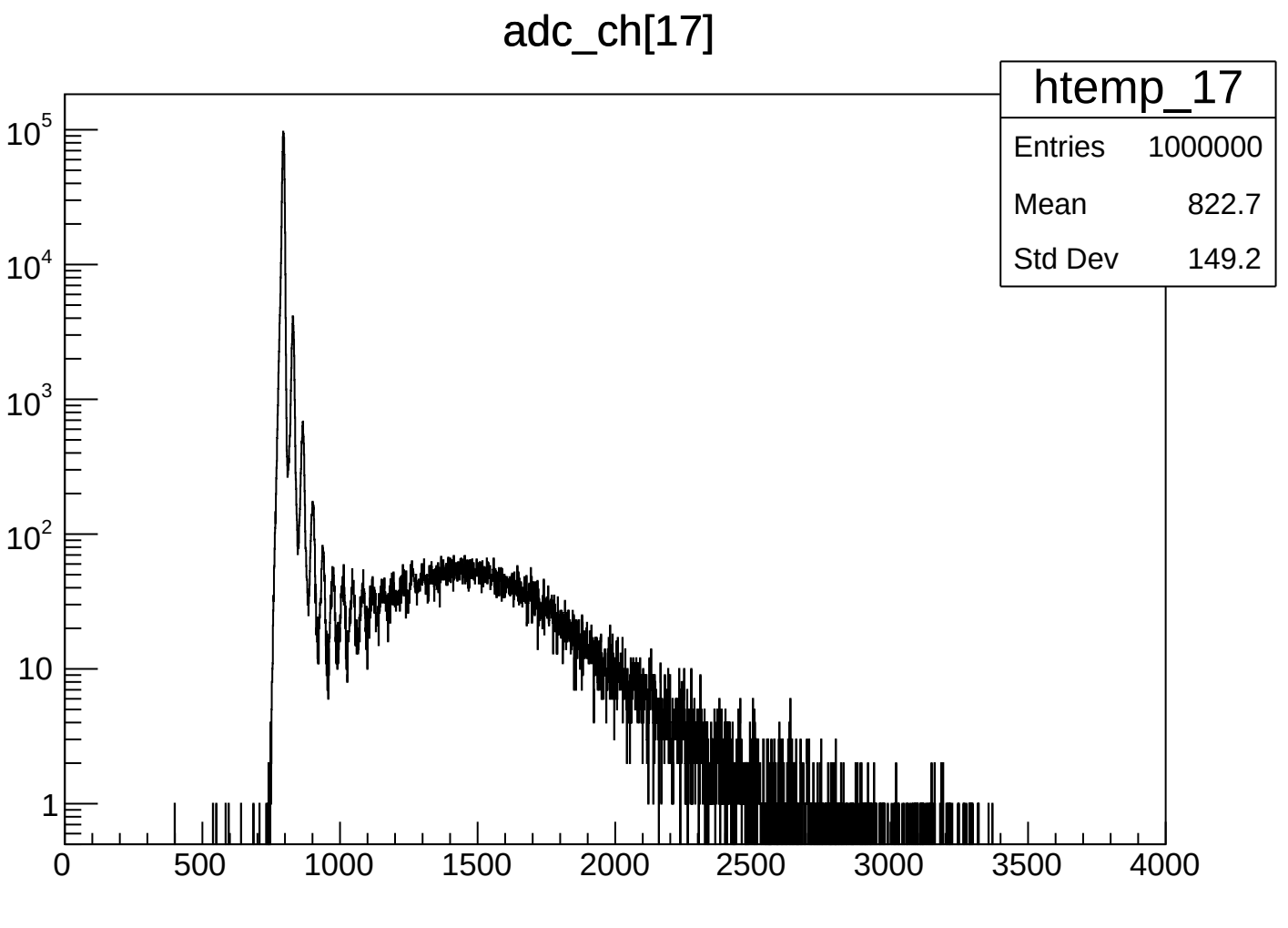

(adc_ch[15]-788.500000)/33.912000
htemp_15_nm
Entries 1000000
Mean 0.9665
Std Dev 4.797
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

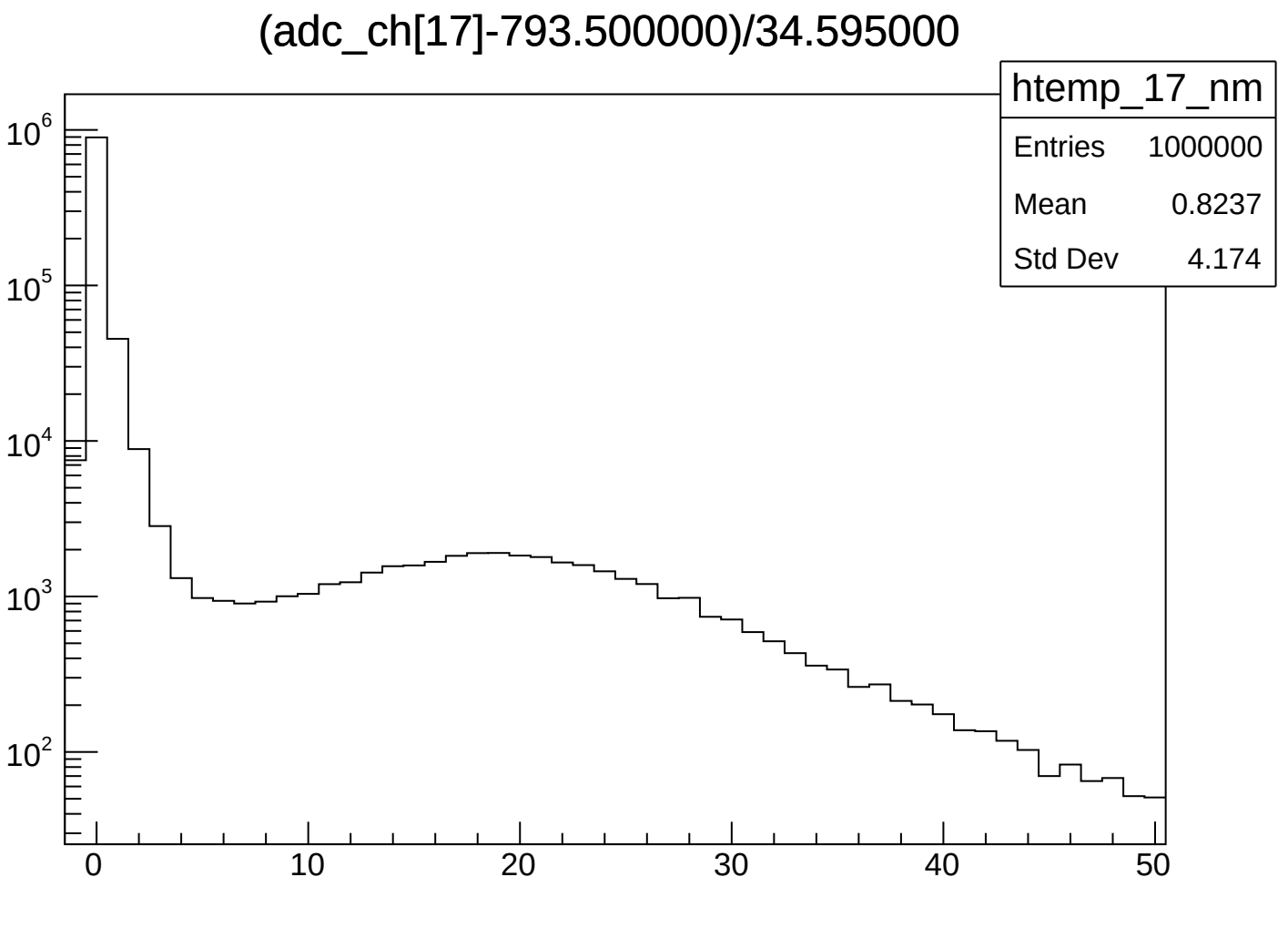

(adc_ch[15]-788.500000)/33.912000
htemp_15_nm
Entries 1000000
Mean 0.9665
Std Dev 4.797
χ² / ndf 51.55 / 23
Constant 1705 ± 13.2
Mean 21.62 ± 0.07
Sigma 8.882 ± 0.091
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

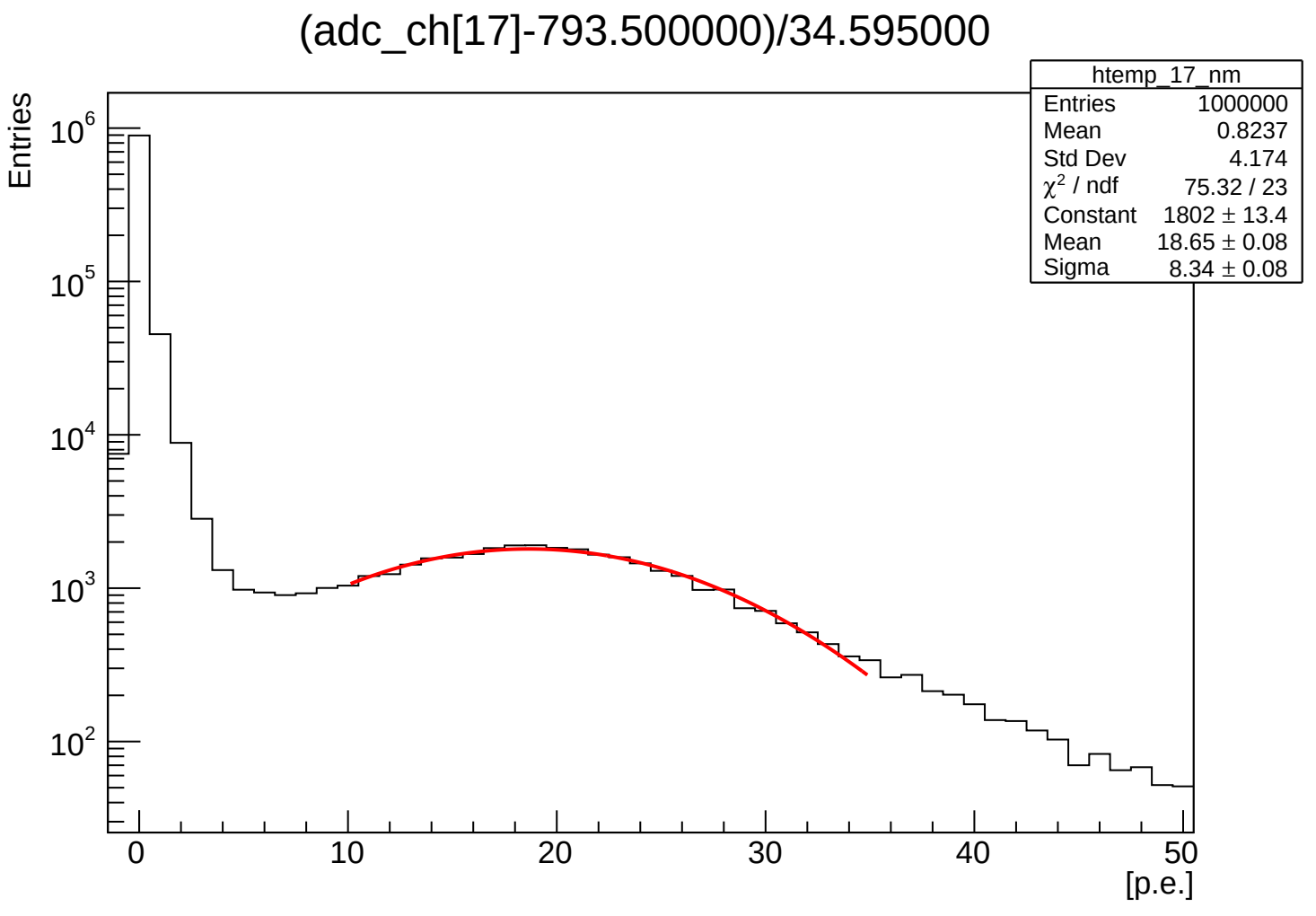

adc_ch[16]
htemp_16
Entries 1000000
Mean 815.7
Std Dev 138.7
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

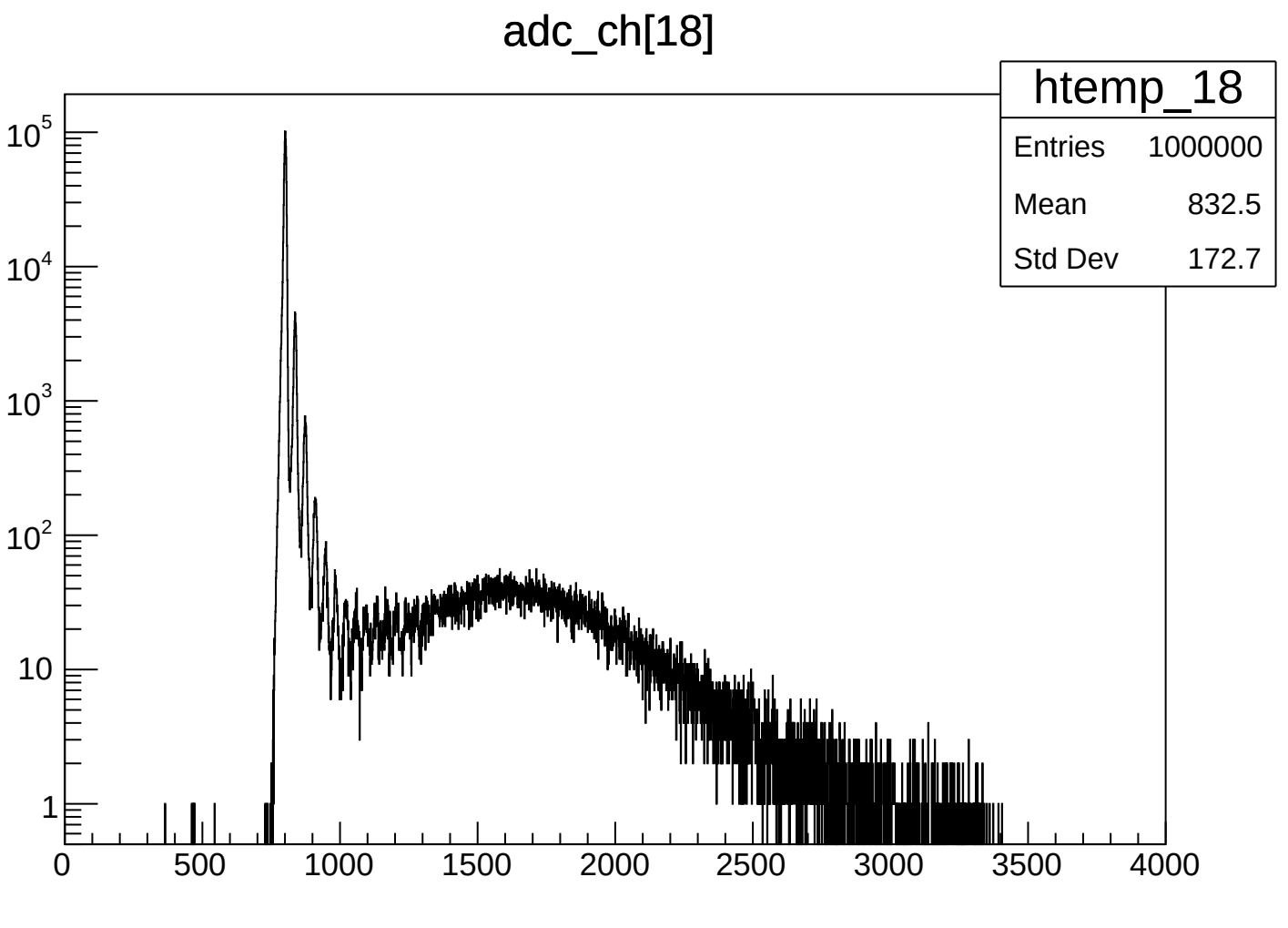

(adc_ch[16]-789.500000)/33.214000
htemp_16_nm
Entries 1000000
Mean 0.7684
Std Dev 4.043
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

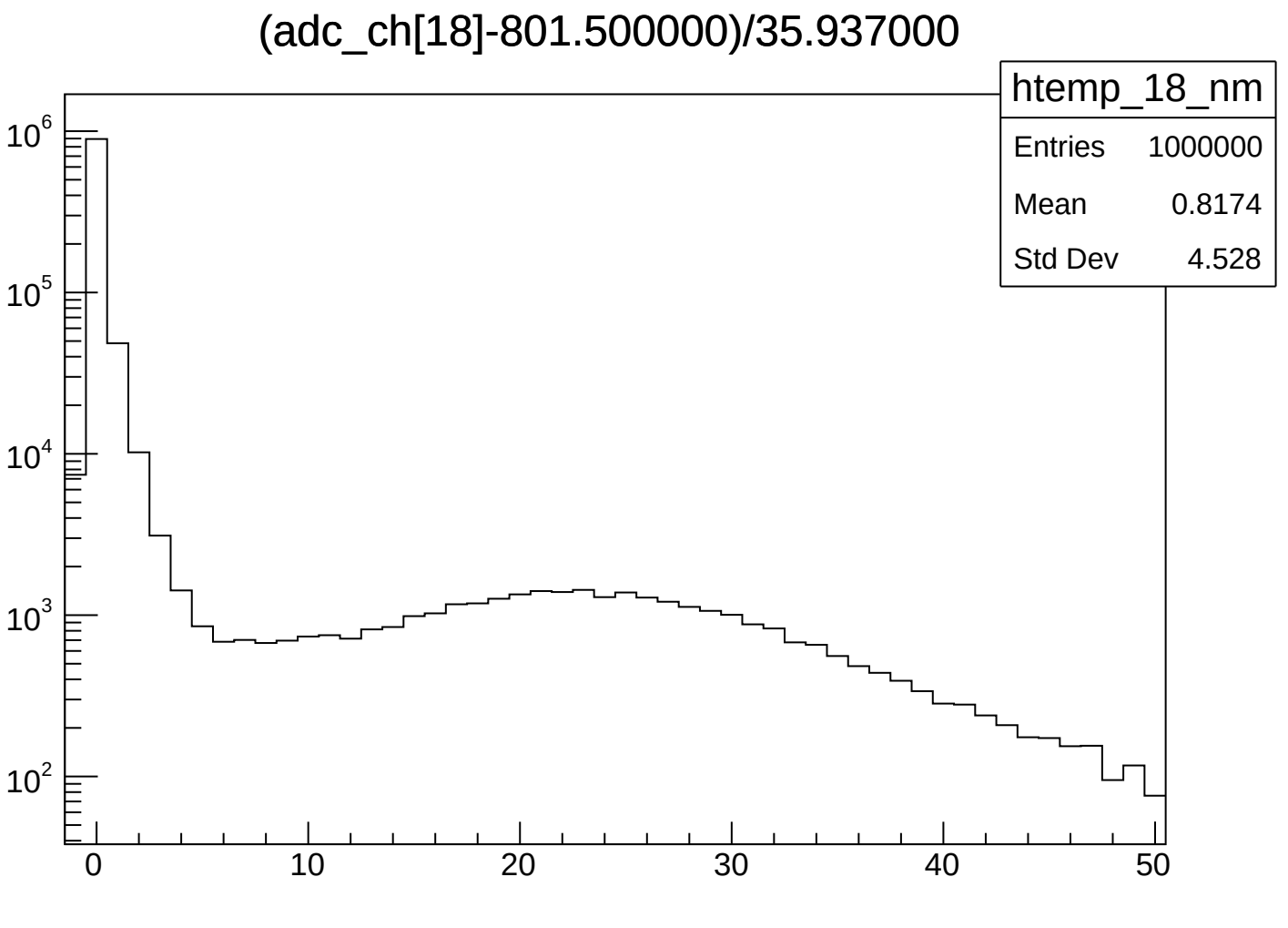

(adc_ch[16]-789.500000)/33.214000
htemp_16_nm
Entries 1000000
Mean 0.7684
Std Dev 4.043
χ² / ndf 92.19 / 23
Constant 1756 ± 13.3
Mean 18.25 ± 0.08
Sigma 8.258 ± 0.082
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

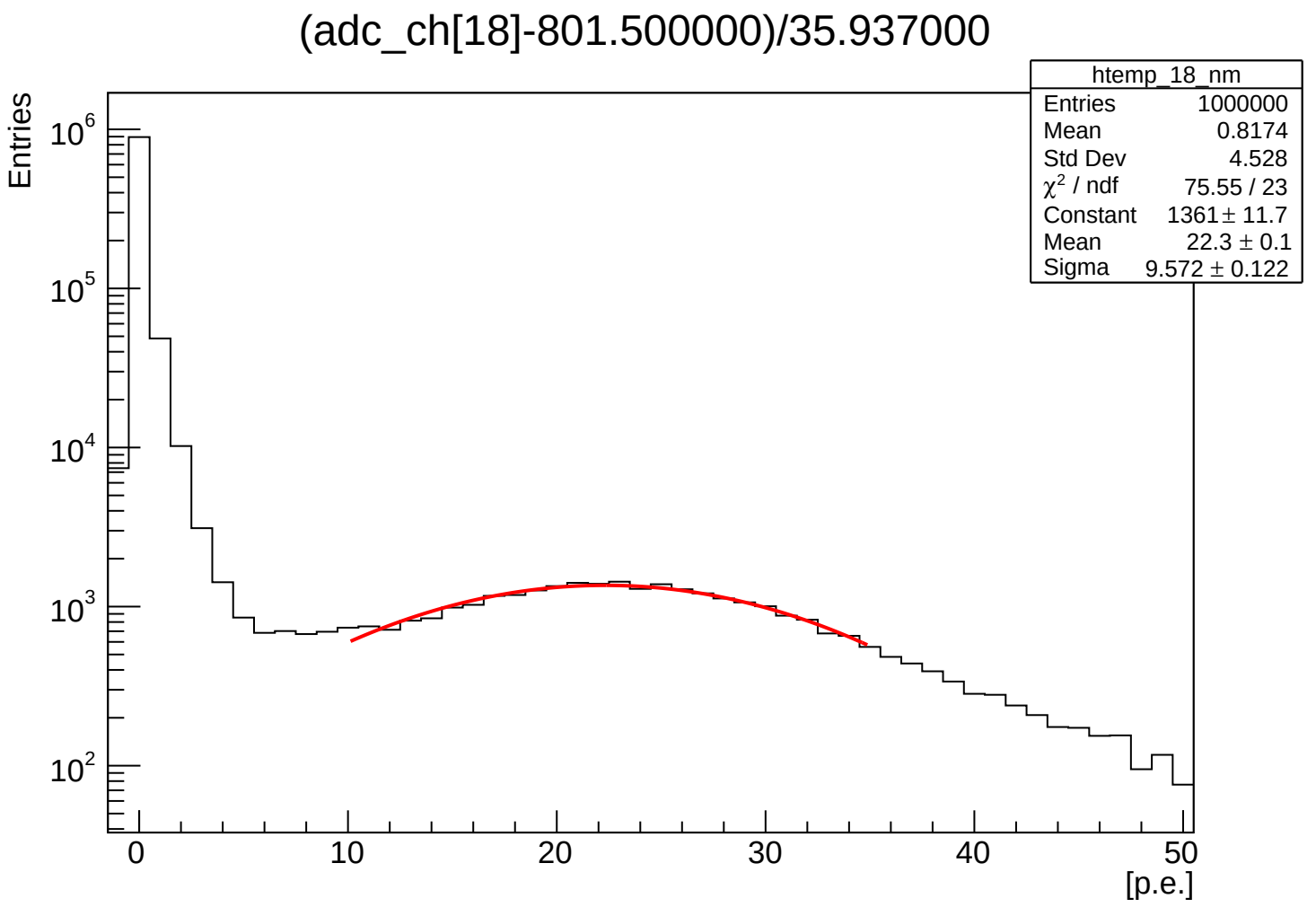

adc_ch[17]
htemp_17
Entries 1000000
Mean 822.7
Std Dev 149.2
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

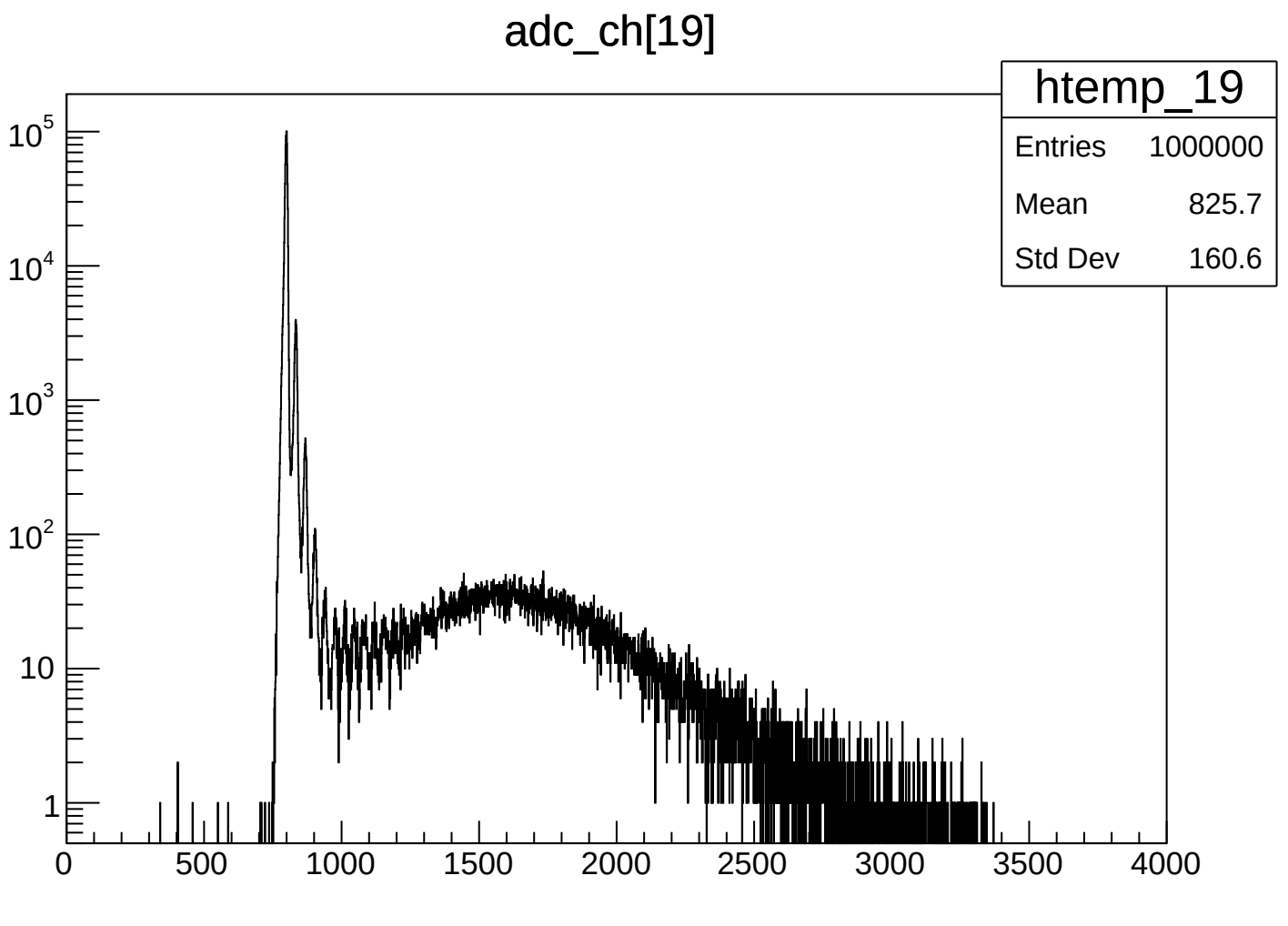

(adc_ch[17]-793.500000)/34.595000
htemp_17_nm
Entries 1000000
Mean 0.8237
Std Dev 4.174
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

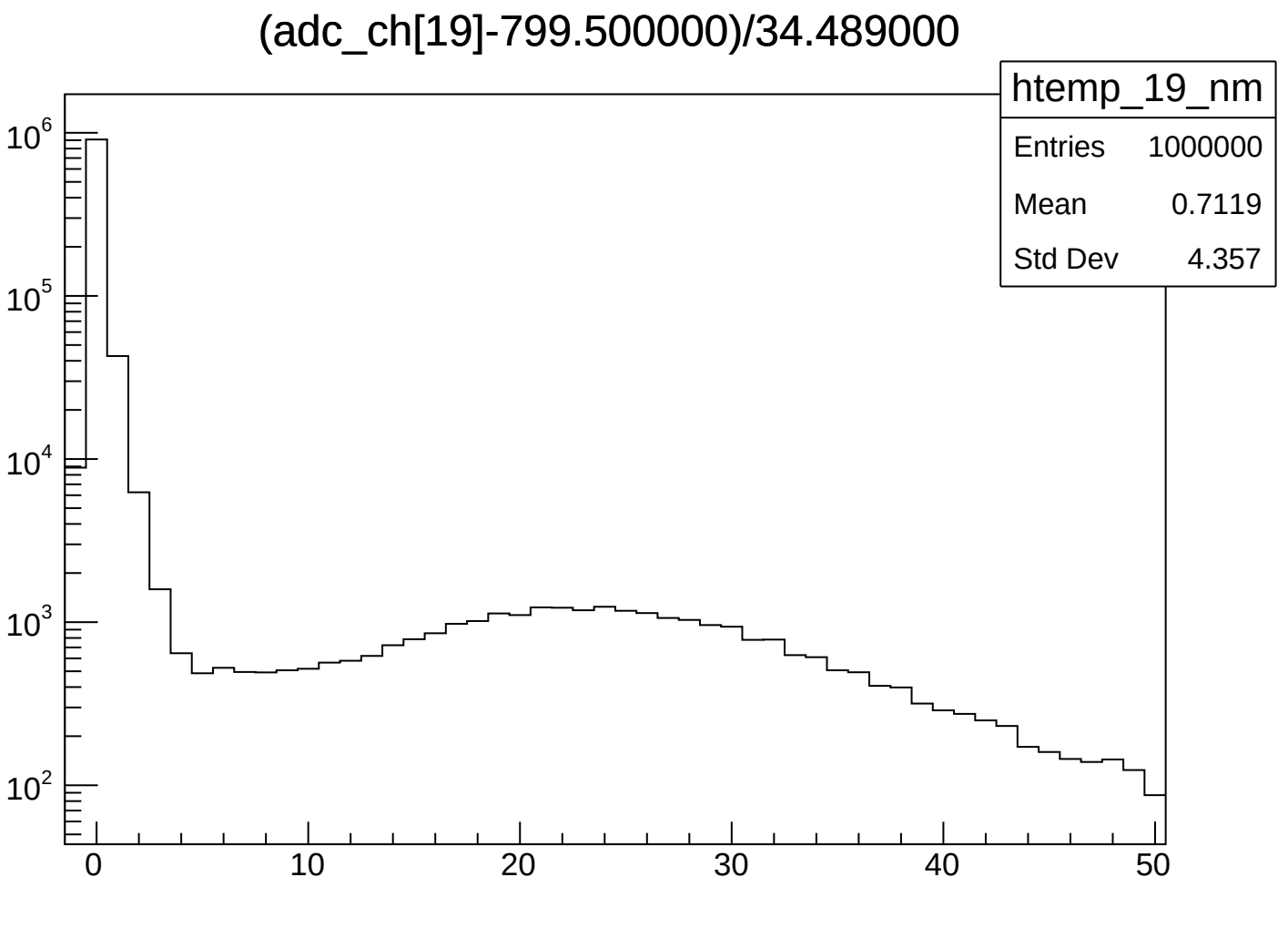

(adc_ch[17]-793.500000)/34.595000
htemp_17_nm
Entries 1000000
Mean 0.8237
Std Dev 4.174
χ² / ndf 75.32 / 23
Constant 1802 ± 13.4
Mean 18.65 ± 0.08
Sigma 8.34 ± 0.08
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

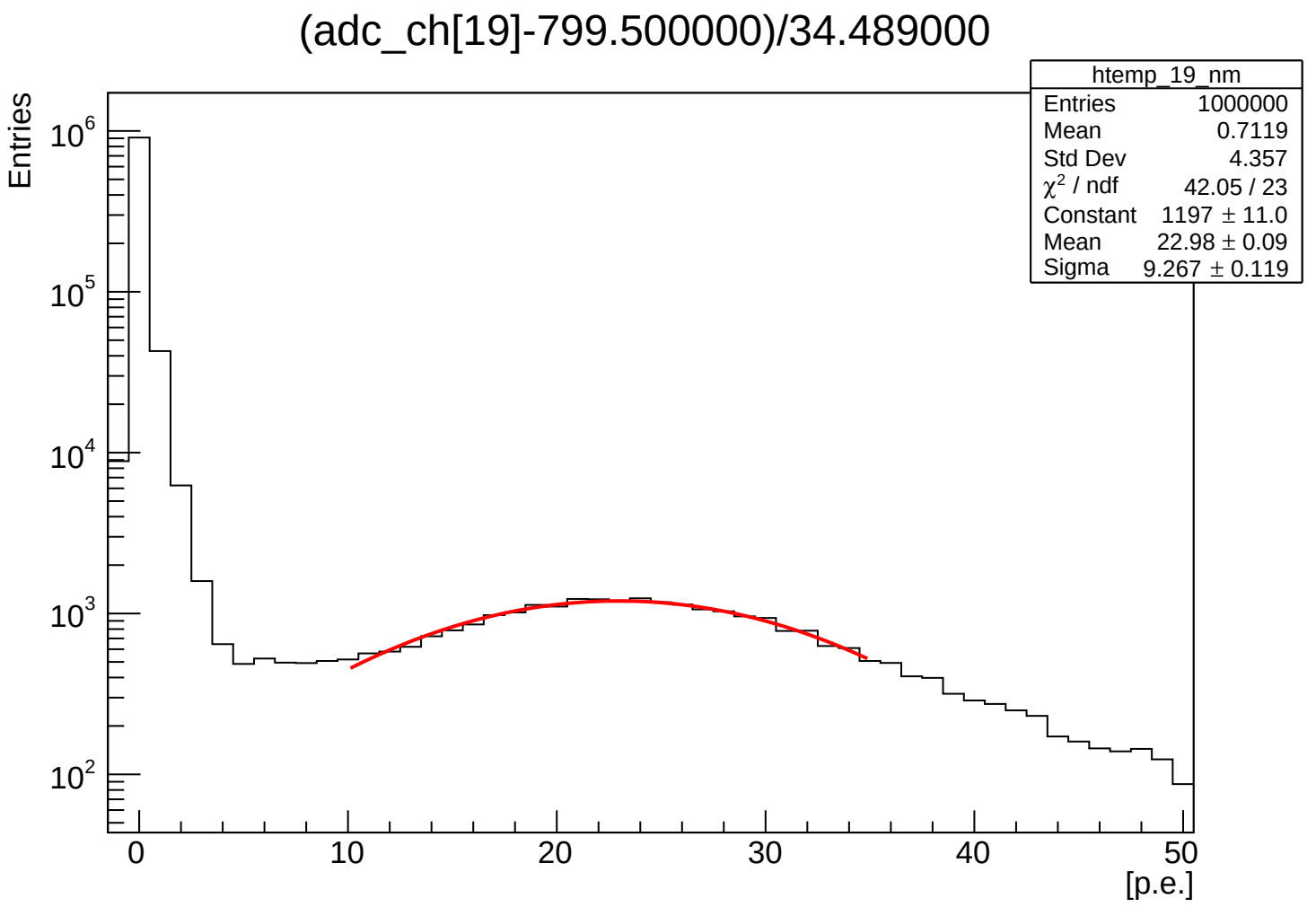

adc_ch[18]
htemp_18
Entries 1000000
Mean 832.5
Std Dev 172.7
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

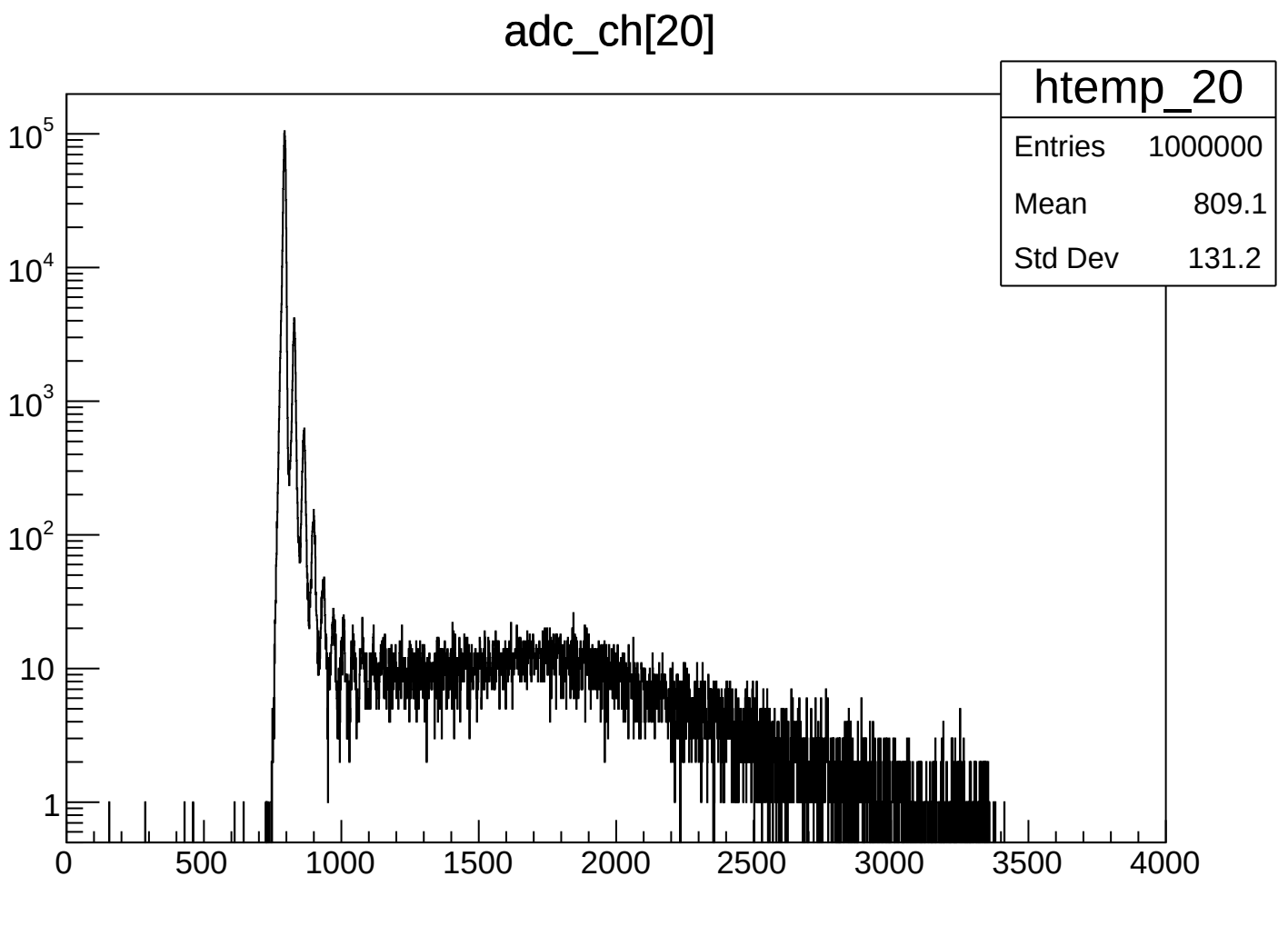

(adc_ch[18]-801.500000)/35.937000
htemp_18_nm
Entries 1000000
Mean 0.8174
Std Dev 4.528
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

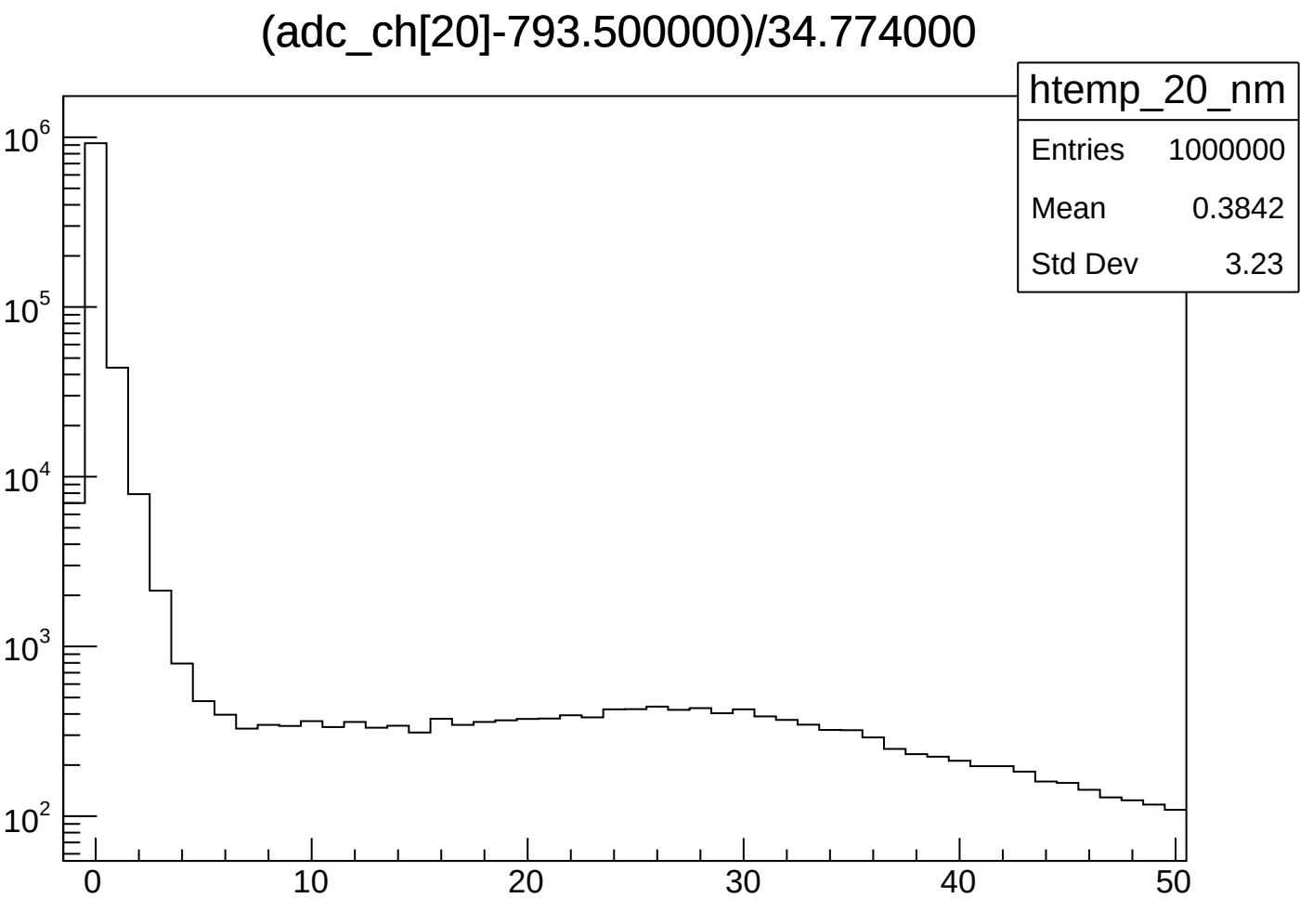

(adc_ch[18]-801.500000)/35.937000
htemp_18_nm
Entries 1000000
Mean 0.8174
Std Dev 4.528
χ² / ndf 75.55 / 23
Constant 1361 ± 11.7
Mean 22.3 ± 0.1
Sigma 9.572 ± 0.122
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

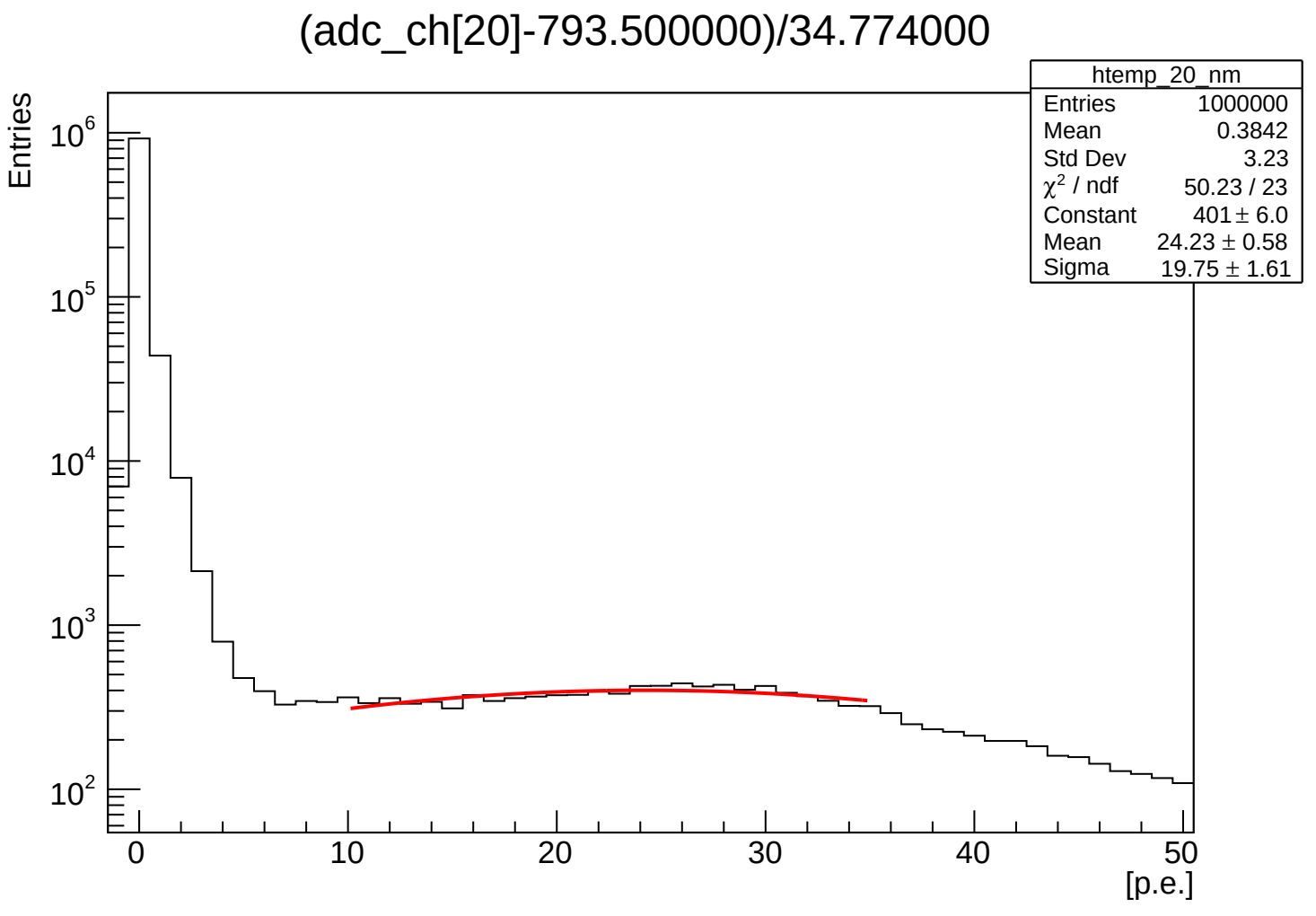

adc_ch[19]
htemp_19
Entries 1000000
Mean 825.7
Std Dev 160.6
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

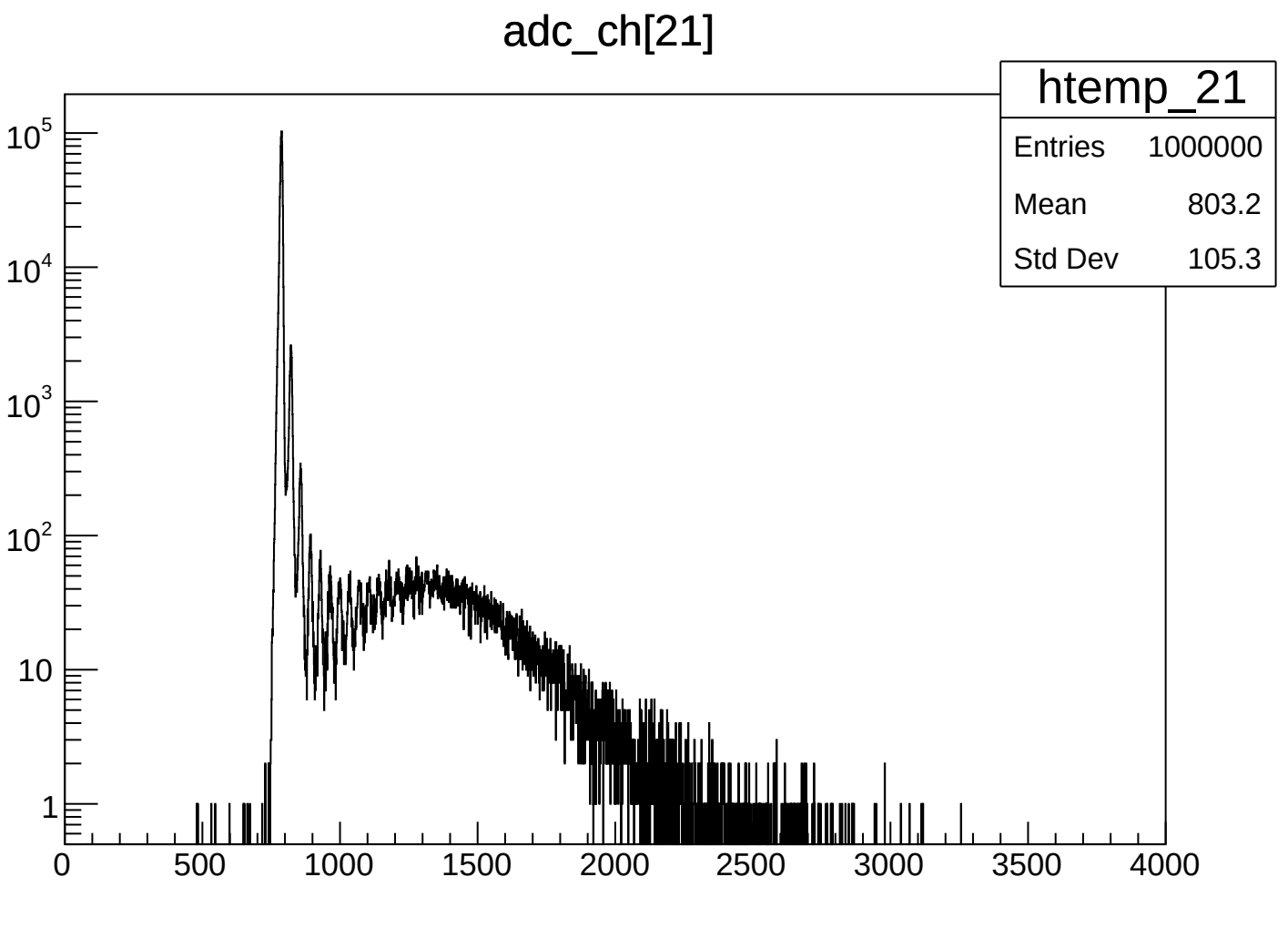

(adc_ch[19]-799.500000)/34.489000
htemp_19_nm
Entries 1000000
Mean 0.7119
Std Dev 4.357
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

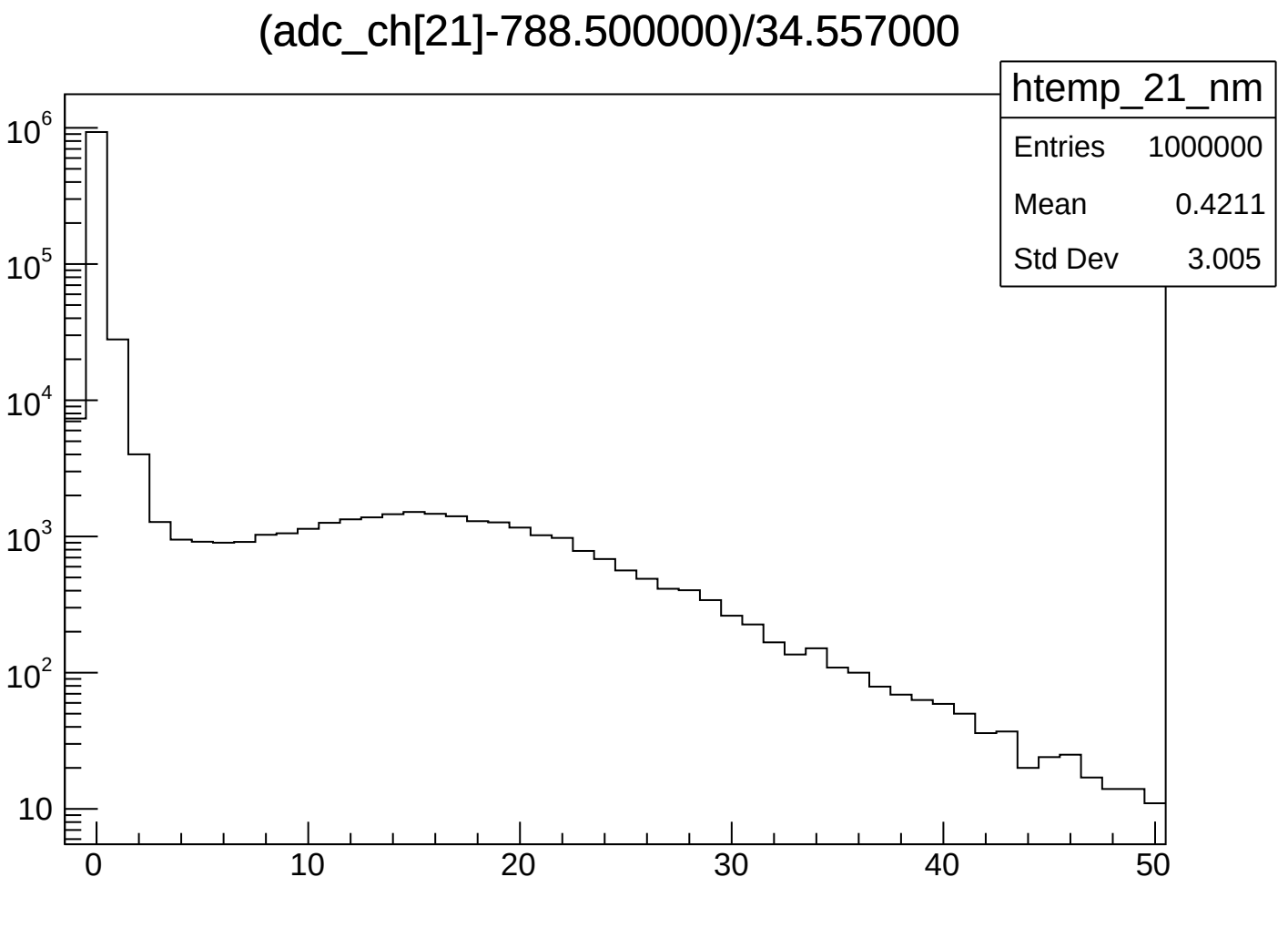

(adc_ch[19]-799.500000)/34.489000
htemp_19_nm
Entries 1000000
Mean 0.7119
Std Dev 4.357
χ² / ndf 42.05 / 23
Constant 1197 ± 11.0
Mean 22.98 ± 0.09
Sigma 9.267 ± 0.119
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

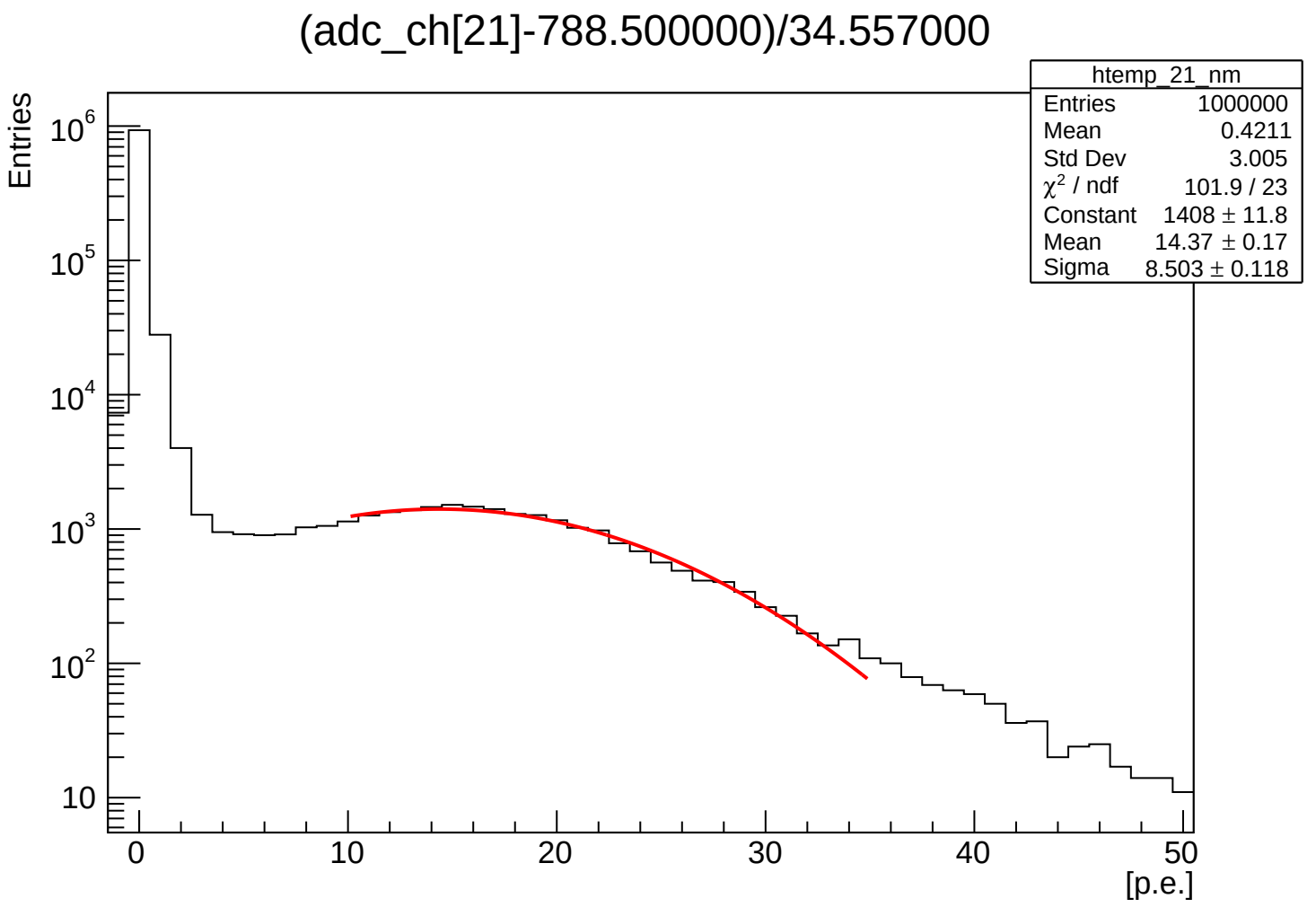

adc_ch[20]
htemp_20
Entries 1000000
Mean 809.1
Std Dev 131.2
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

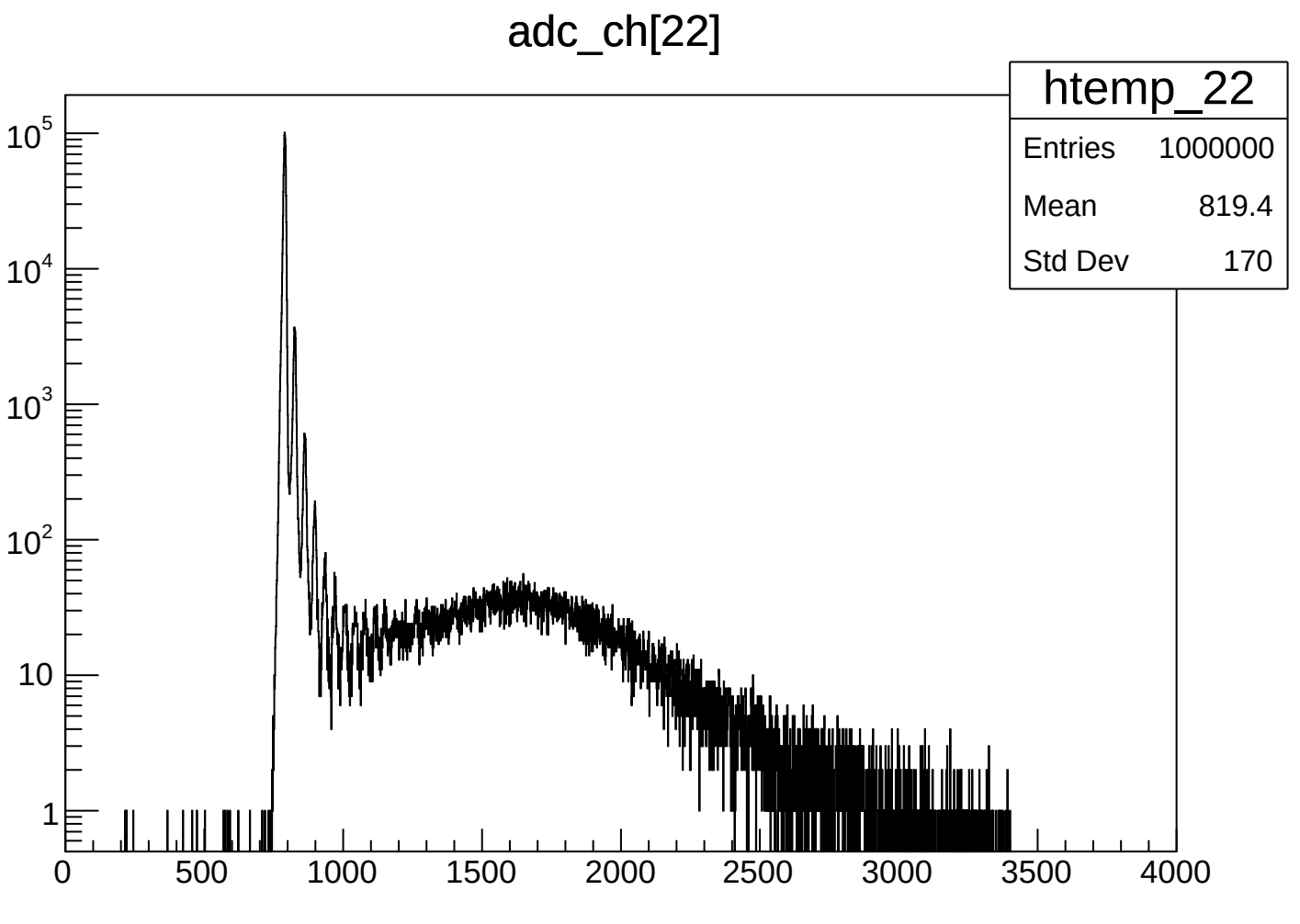

(adc_ch[20]-793.500000)/34.774000
htemp_20_nm
Entries 1000000
Mean 0.3842
Std Dev 3.23
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

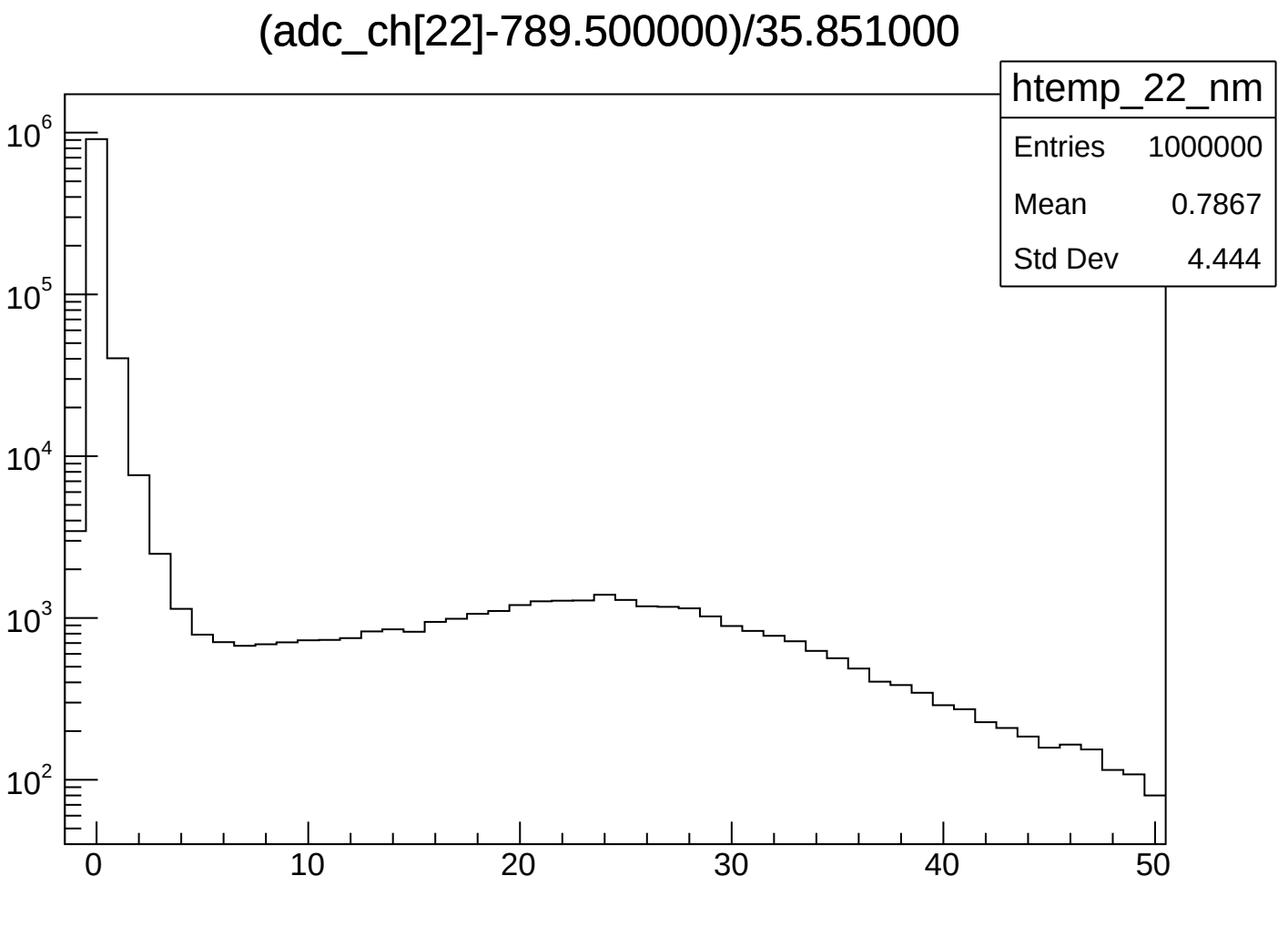

(adc_ch[20]-793.500000)/34.774000
htemp_20_nm
Entries 1000000
Mean 0.3842
Std Dev 3.23
χ² / ndf 50.23 / 23
Constant 401 ± 6.0
Mean 24.23 ± 0.58
Sigma 19.75 ± 1.61
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

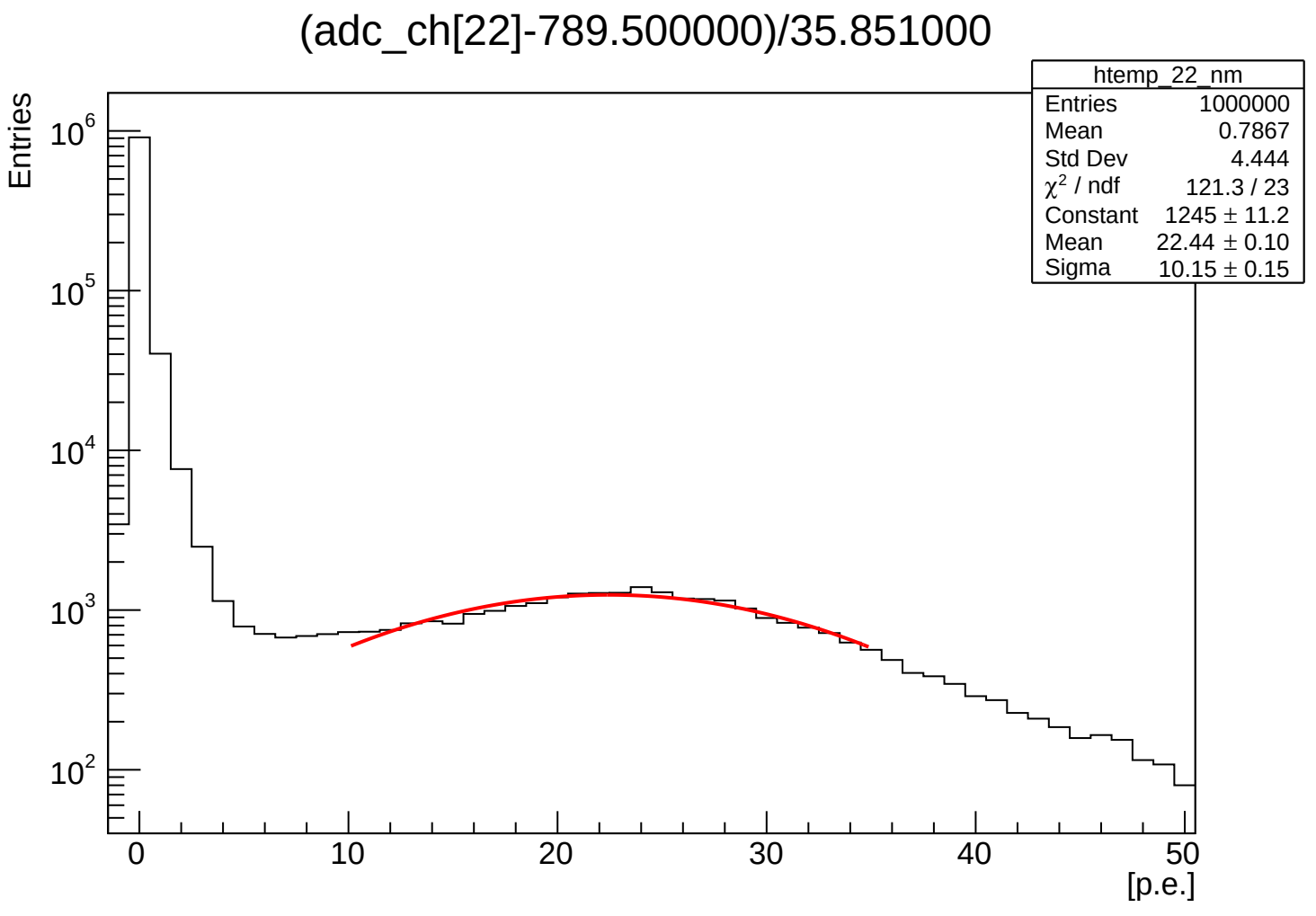

adc_ch[21]
htemp_21
Entries 1000000
Mean 803.2
Std Dev 105.3
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

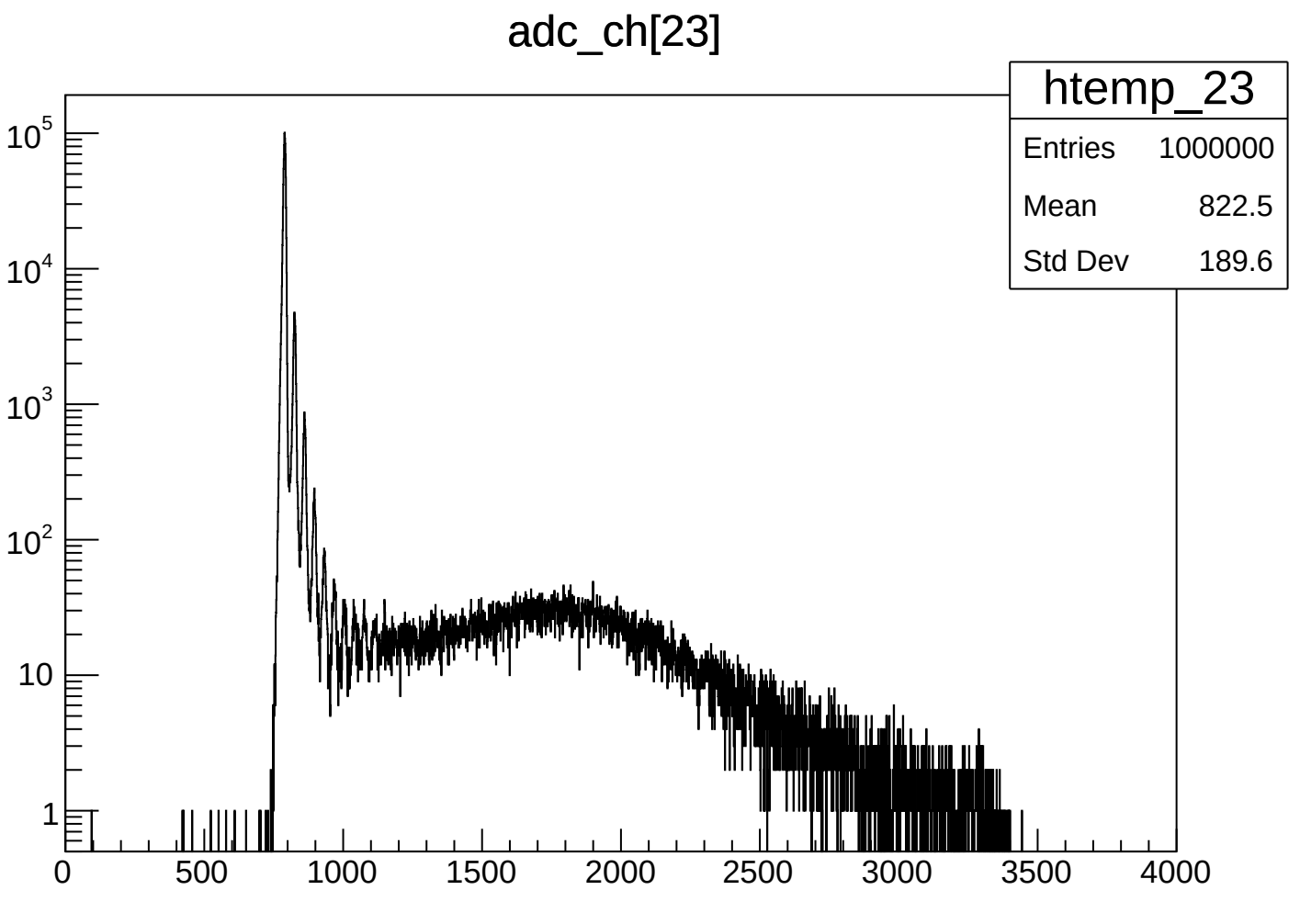

(adc_ch[21]-788.500000)/34.557000
htemp_21_nm
Entries 1000000
Mean 0.4211
Std Dev 3.005
10^6
10^5
10^4
10^3
10^2
10
0
10
20
30
40
50

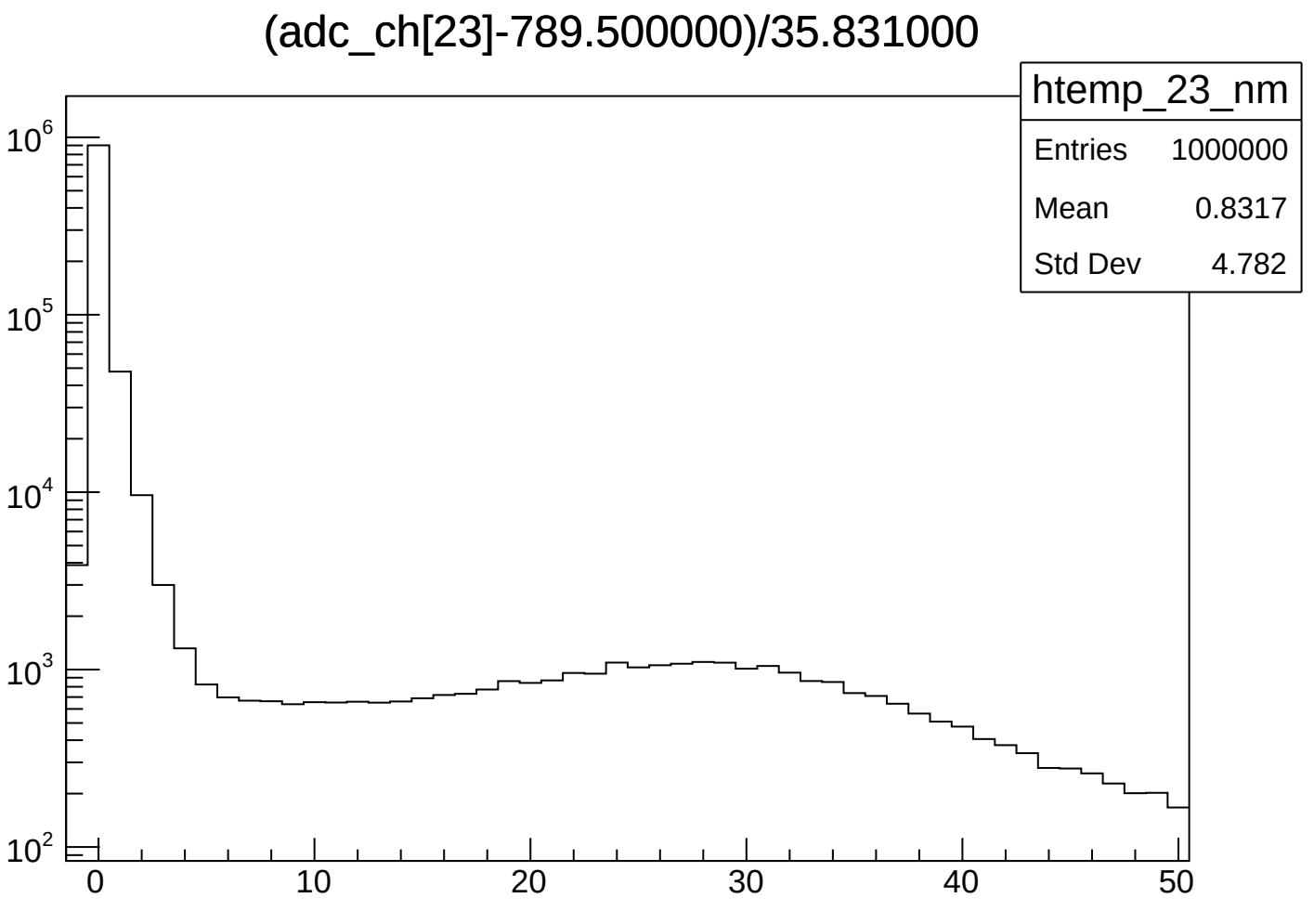

(adc_ch[21]-788.500000)/34.557000
htemp_21_nm
Entries 1000000
Mean 0.4211
Std Dev 3.005
χ² / ndf 101.9 / 23
Constant 1408 ± 11.8
Mean 14.37 ± 0.17
Sigma 8.503 ± 0.118
Entries
10⁶
10⁵
10⁴
10³
10²
10
0
10
20
30
40
50
[p.e.]

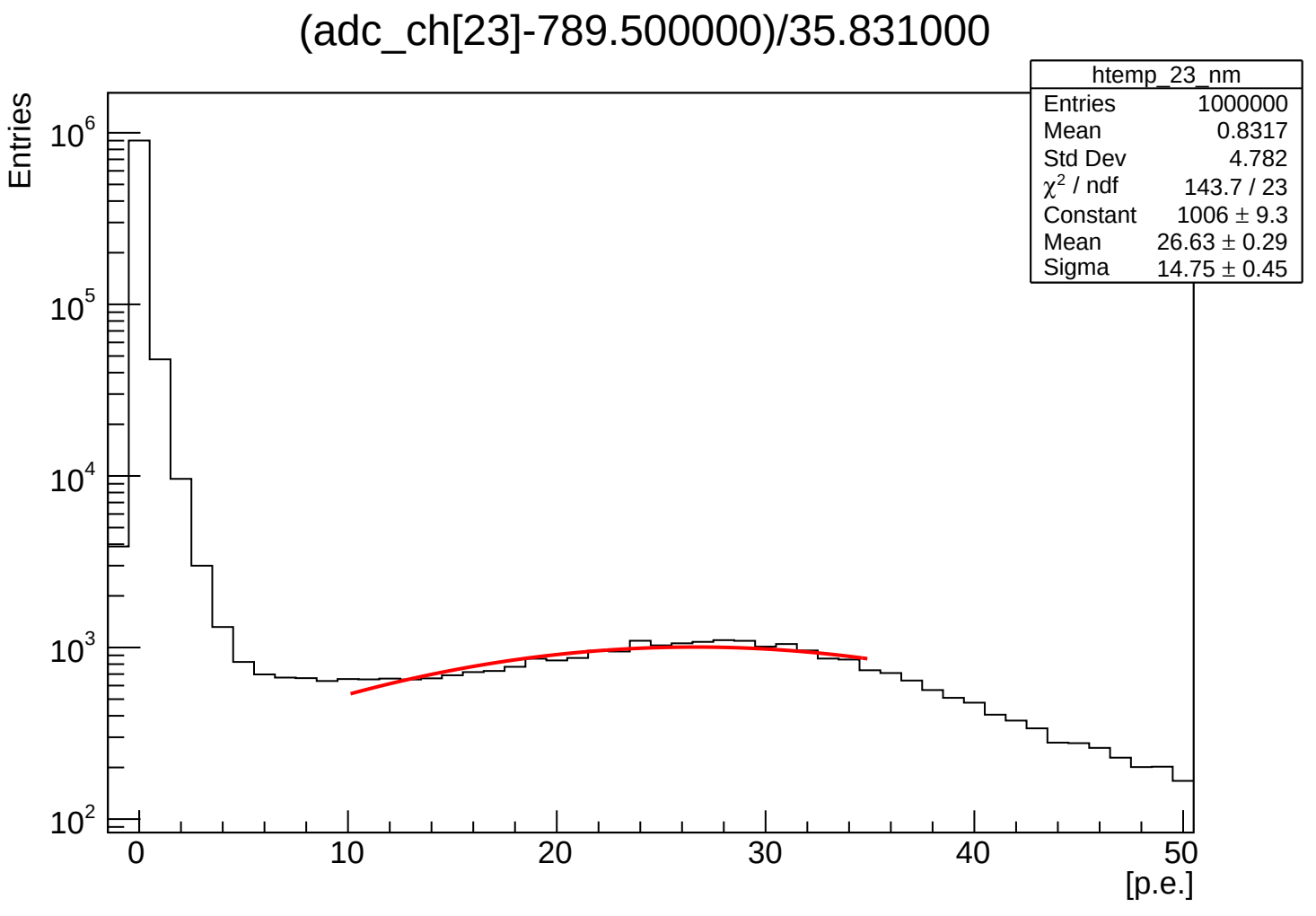

adc_ch[22]
htemp_22
Entries 1000000
Mean 819.4
Std Dev 170
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

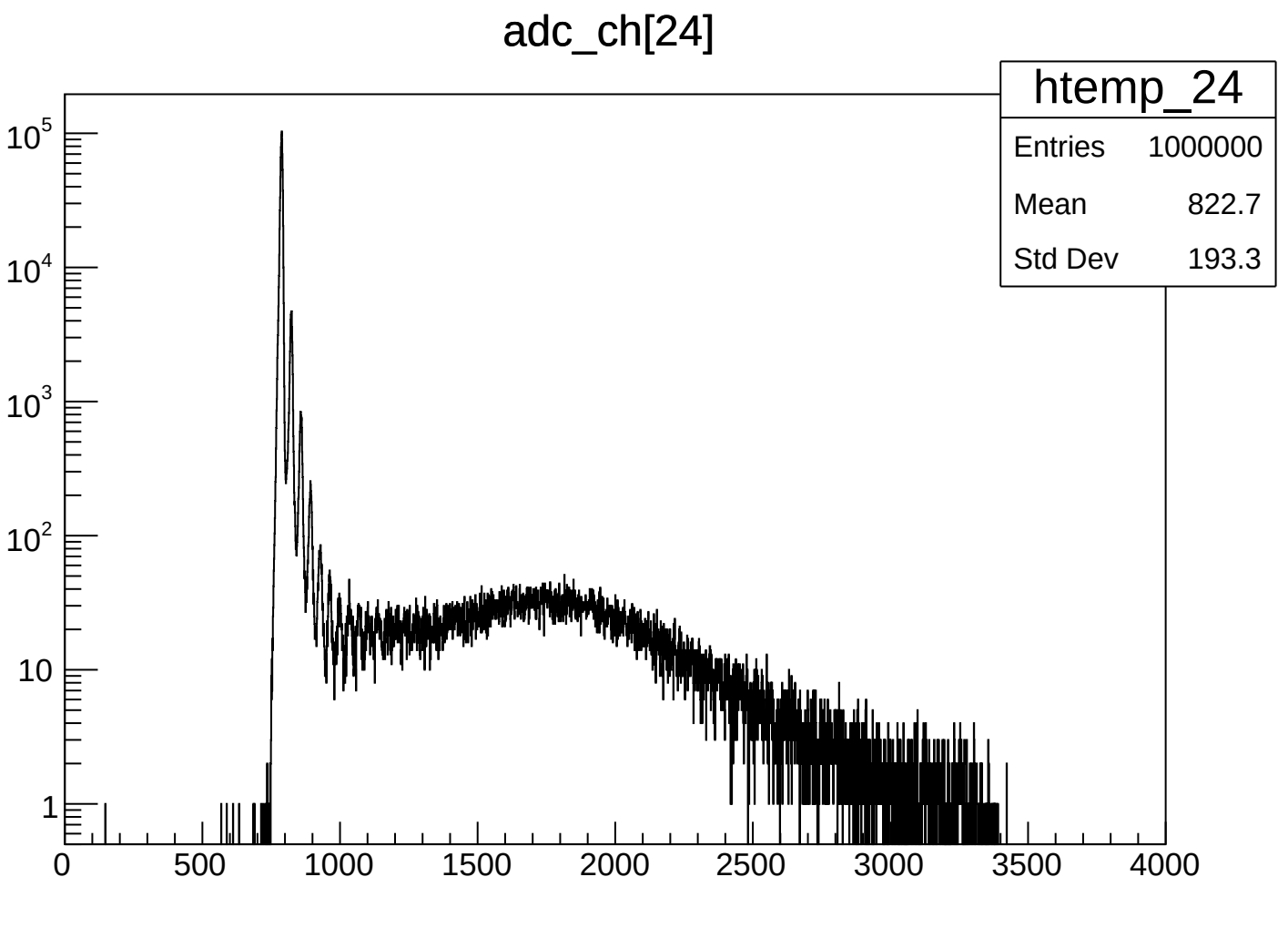

(adc_ch[22]-789.500000)/35.851000
htemp_22_nm
Entries 1000000
Mean 0.7867
Std Dev 4.444
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

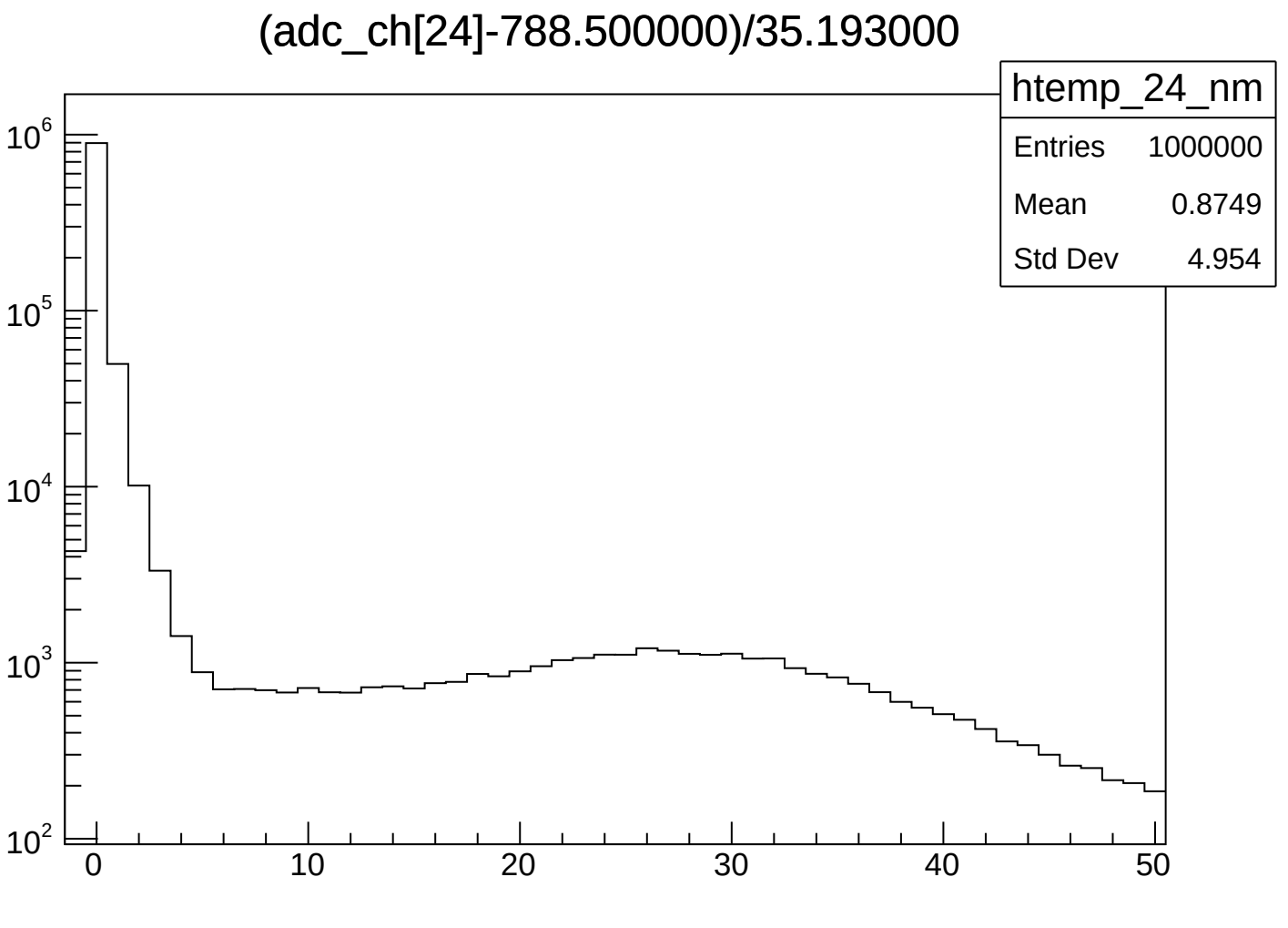

(adc_ch[22]-789.500000)/35.851000
htemp_22_nm
Entries 1000000
Mean 0.7867
Std Dev 4.444
χ² / ndf 121.3 / 23
Constant 1245 ± 11.2
Mean 22.44 ± 0.10
Sigma 10.15 ± 0.15
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

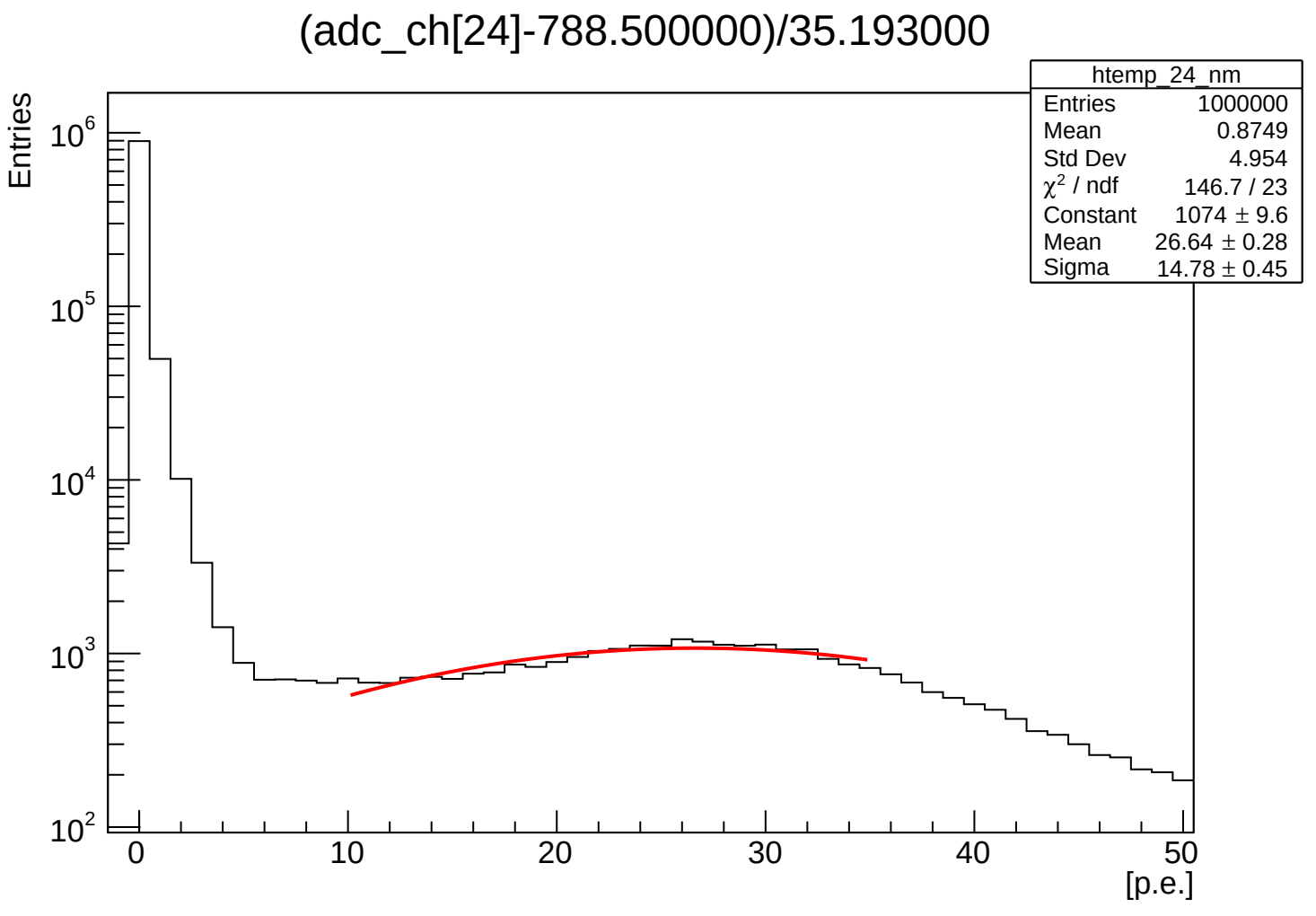

adc_ch[23]
htemp_23
Entries 1000000
Mean 822.5
Std Dev 189.6
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

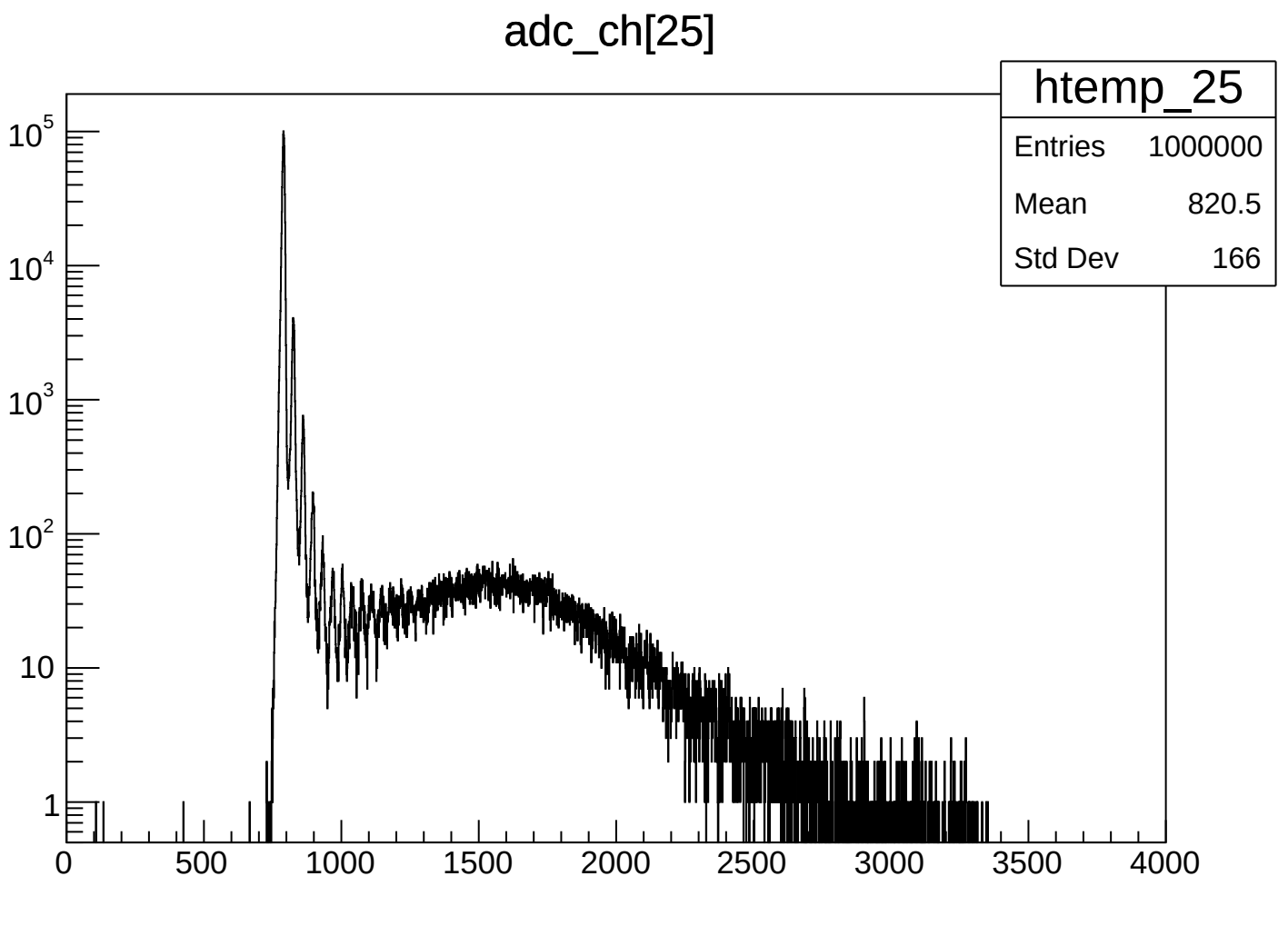

(adc_ch[23]-789.500000)/35.831000
htemp_23_nm
Entries 1000000
Mean 0.8317
Std Dev 4.782
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

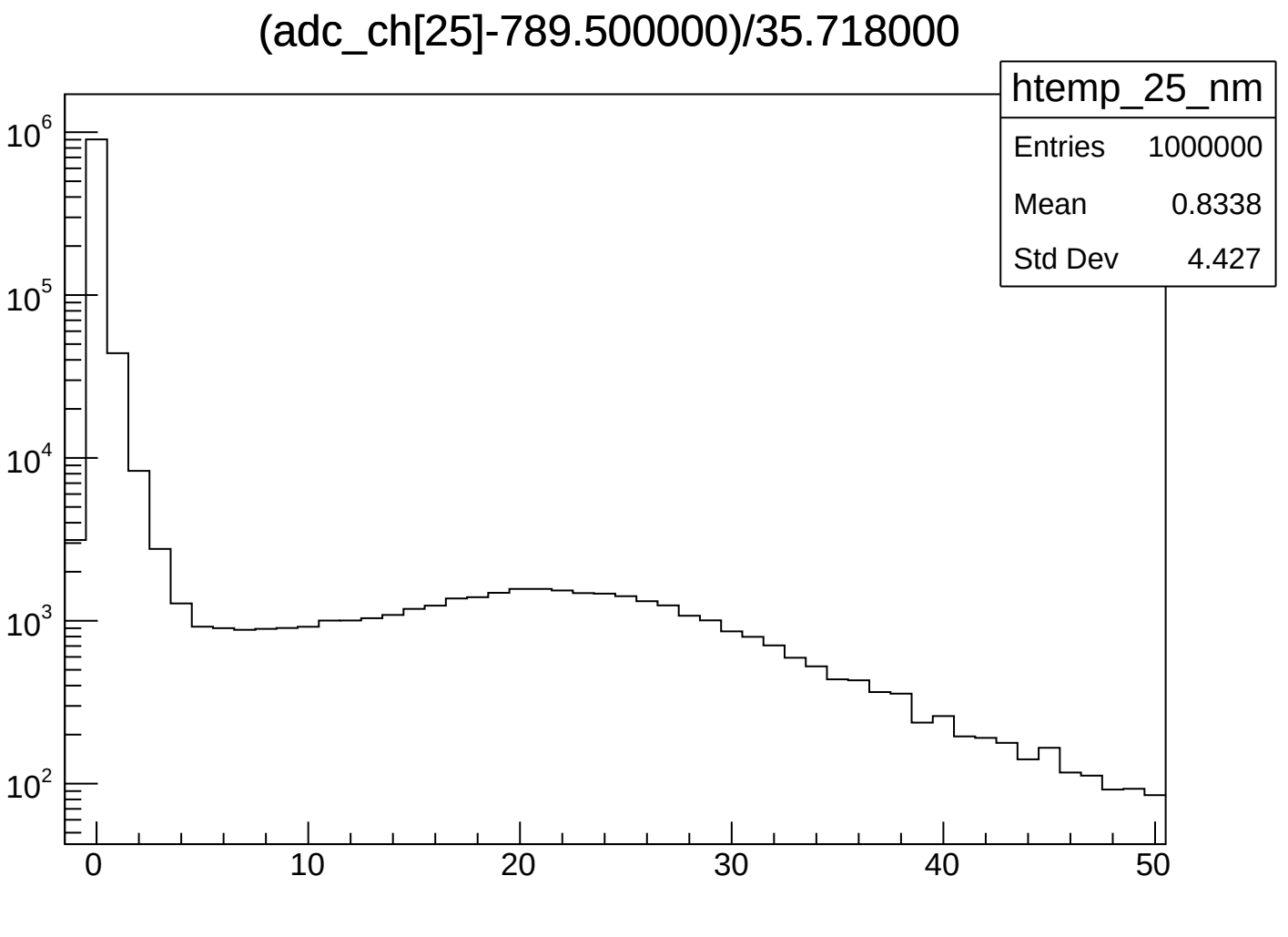

(adc_ch[23]-789.500000)/35.831000
htemp_23_nm
Entries 1000000
Mean 0.8317
Std Dev 4.782
χ² / ndf 143.7 / 23
Constant 1006 ± 9.3
Mean 26.63 ± 0.29
Sigma 14.75 ± 0.45
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

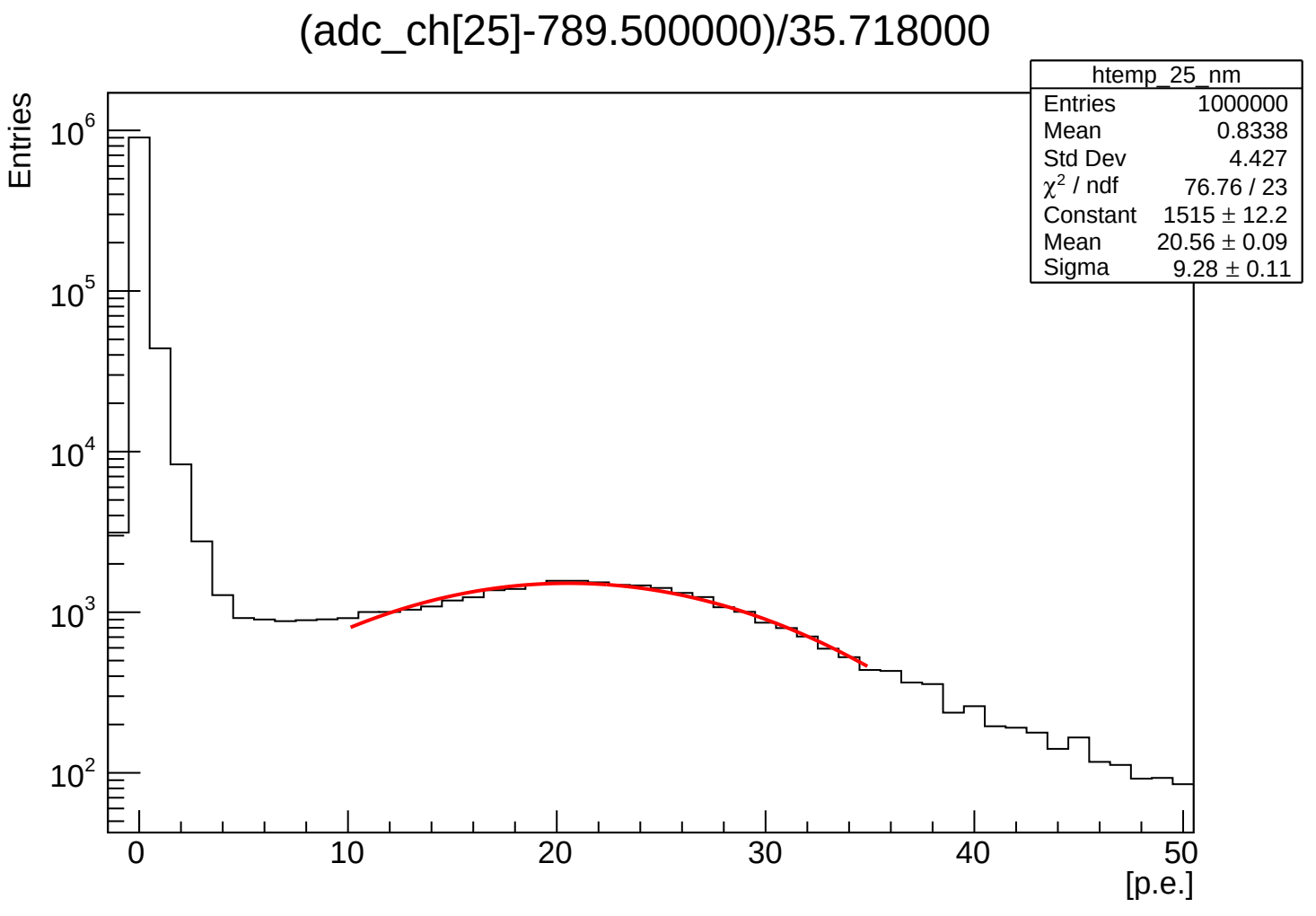

adc_ch[24]
htemp_24
Entries 1000000
Mean 822.7
Std Dev 193.3
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

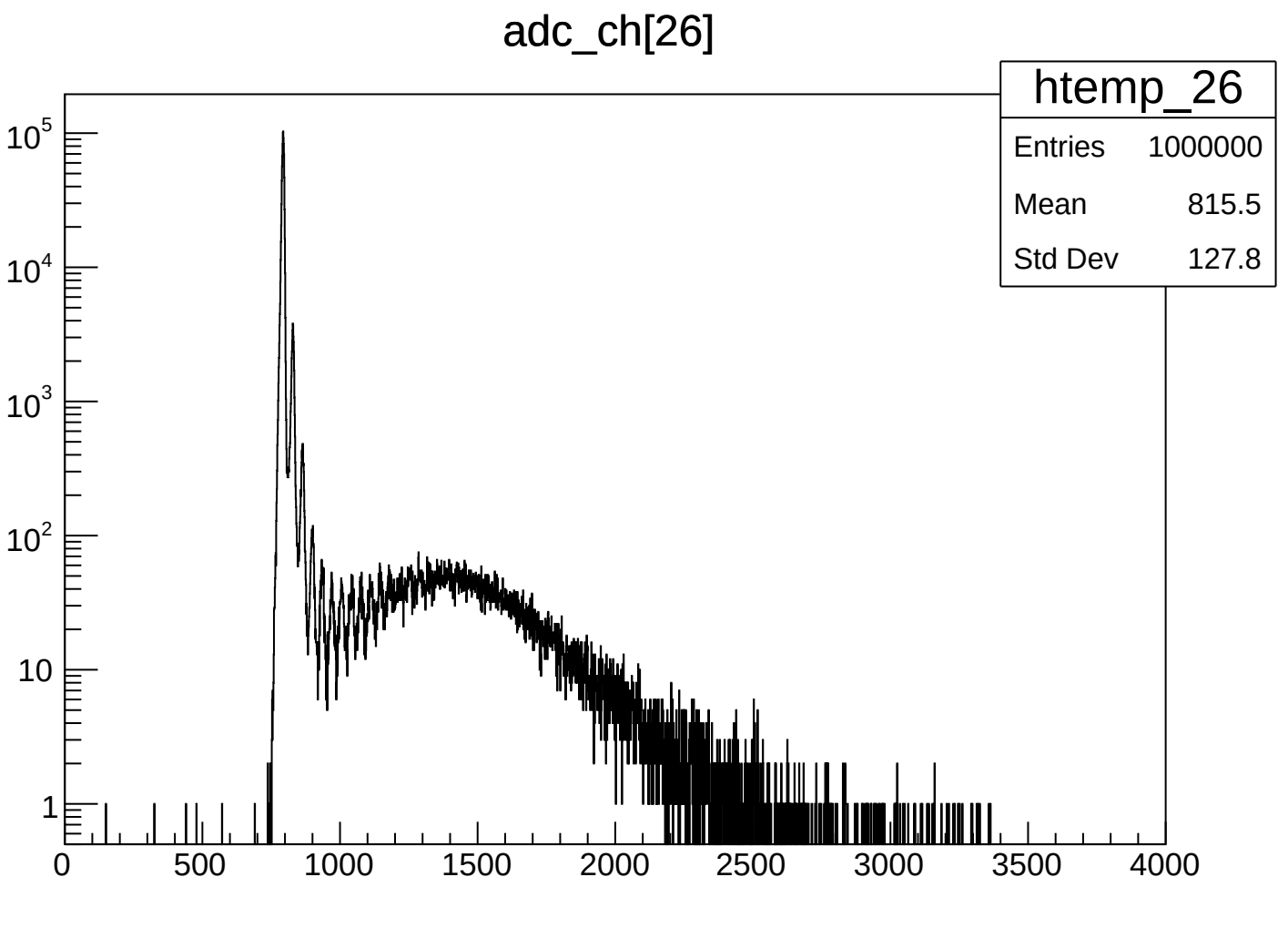

(adc_ch[24]-788.500000)/35.193000
htemp_24_nm
Entries 1000000
Mean 0.8749
Std Dev 4.954
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

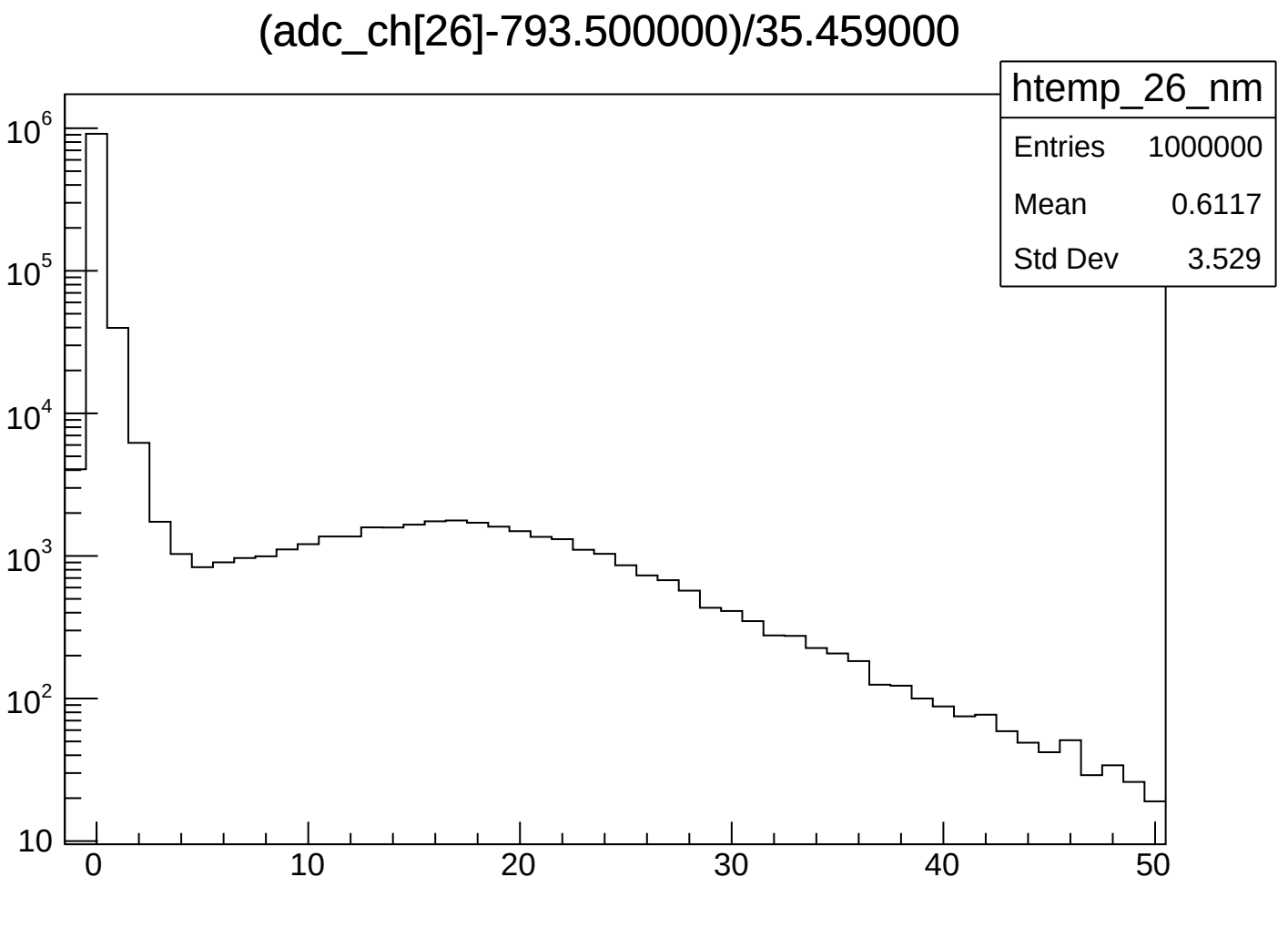

(adc_ch[24]-788.500000)/35.193000
htemp_24_nm
Entries 1000000
Mean 0.8749
Std Dev 4.954
χ² / ndf 146.7 / 23
Constant 1074 ± 9.6
Mean 26.64 ± 0.28
Sigma 14.78 ± 0.45
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

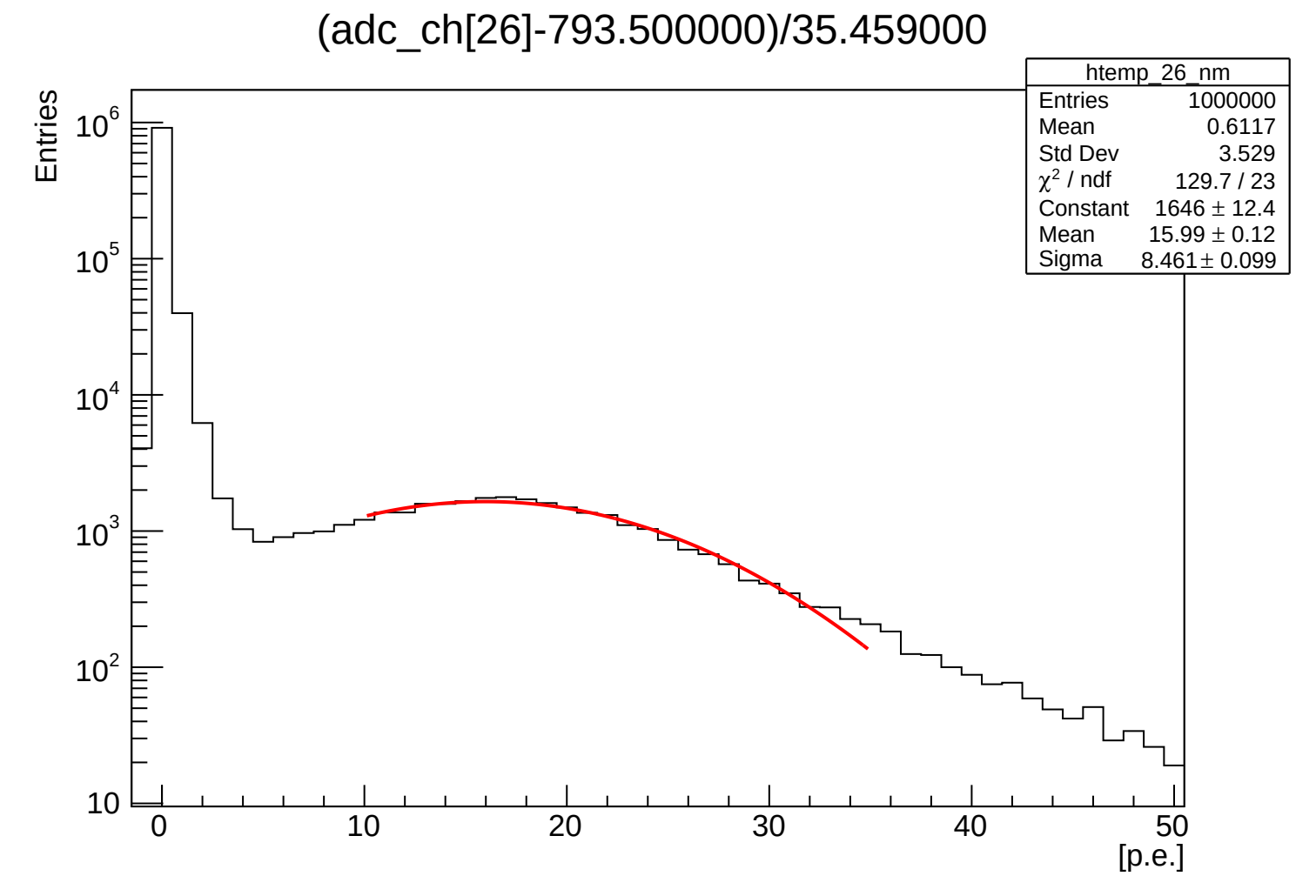

adc_ch[25]
htemp_25
Entries 1000000
Mean 820.5
Std Dev 166
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

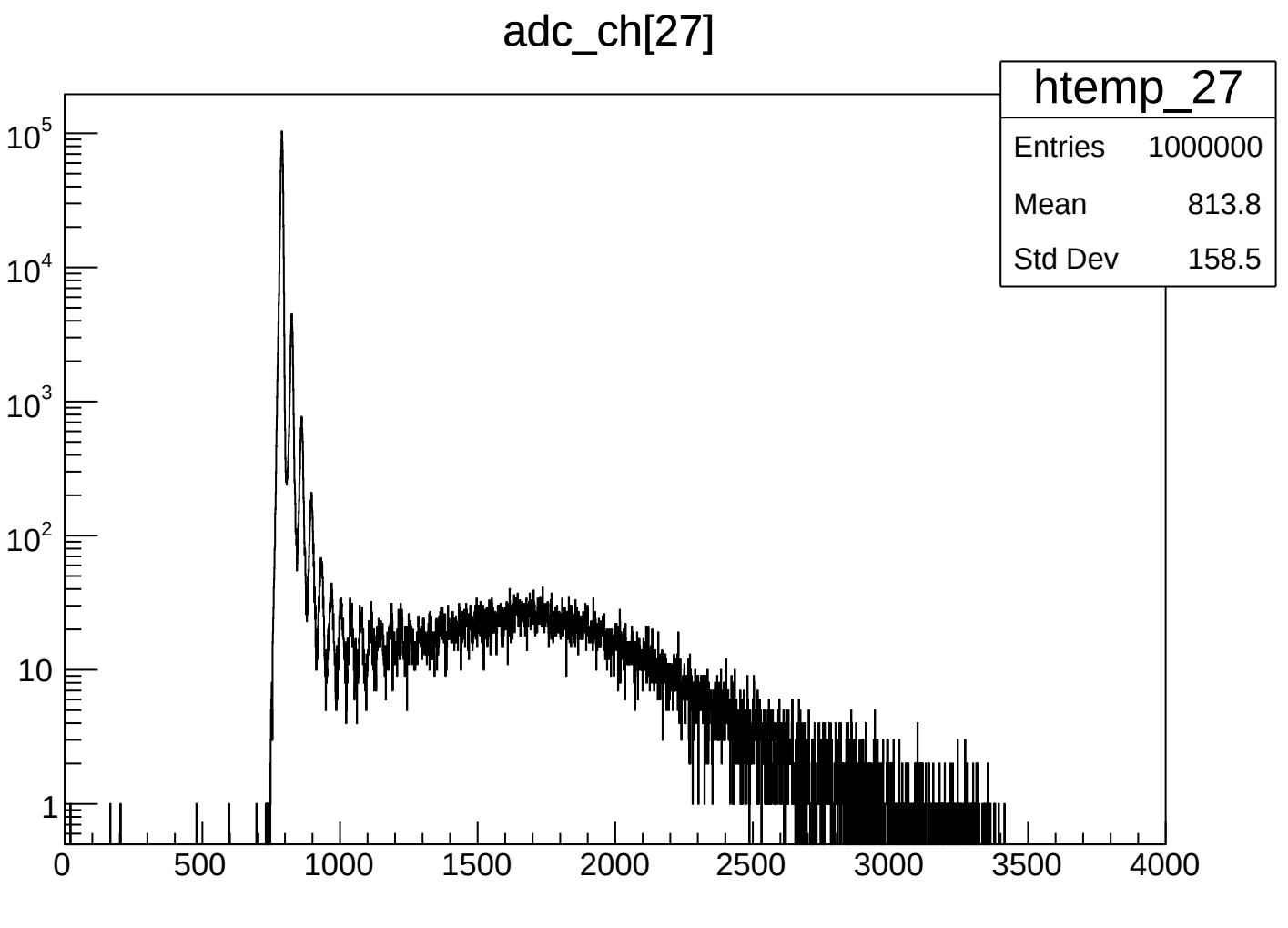

(adc_ch[25]-789.500000)/35.718000
htemp_25_nm
Entries 1000000
Mean 0.8338
Std Dev 4.427
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

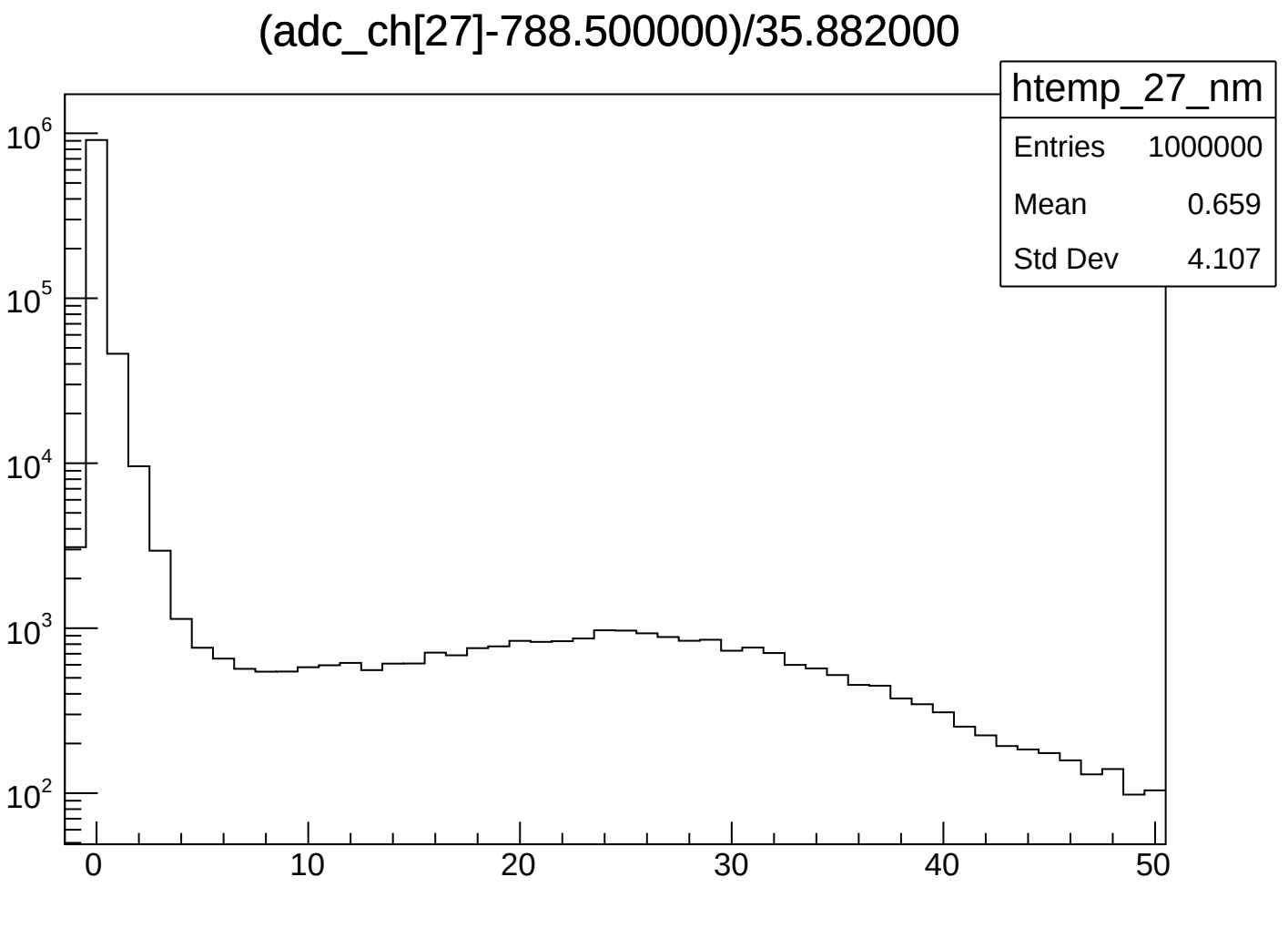

(adc_ch[25]-789.500000)/35.718000
htemp_25_nm
Entries 1000000
Mean 0.8338
Std Dev 4.427
χ² / ndf 76.76 / 23
Constant 1515 ± 12.2
Mean 20.56 ± 0.09
Sigma 9.28 ± 0.11
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

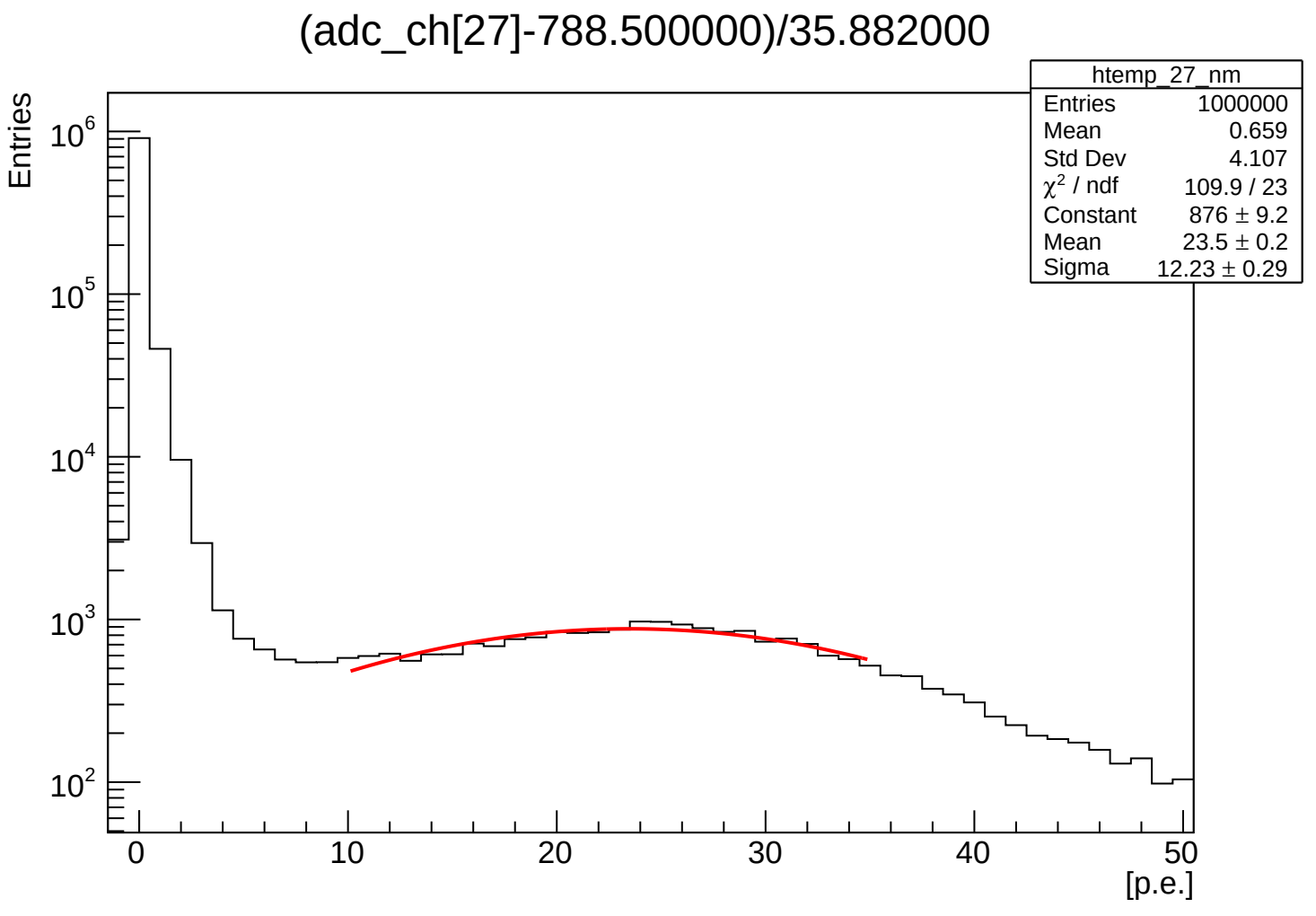

adc_ch[26]
htemp_26
Entries 1000000
Mean 815.5
Std Dev 127.8
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

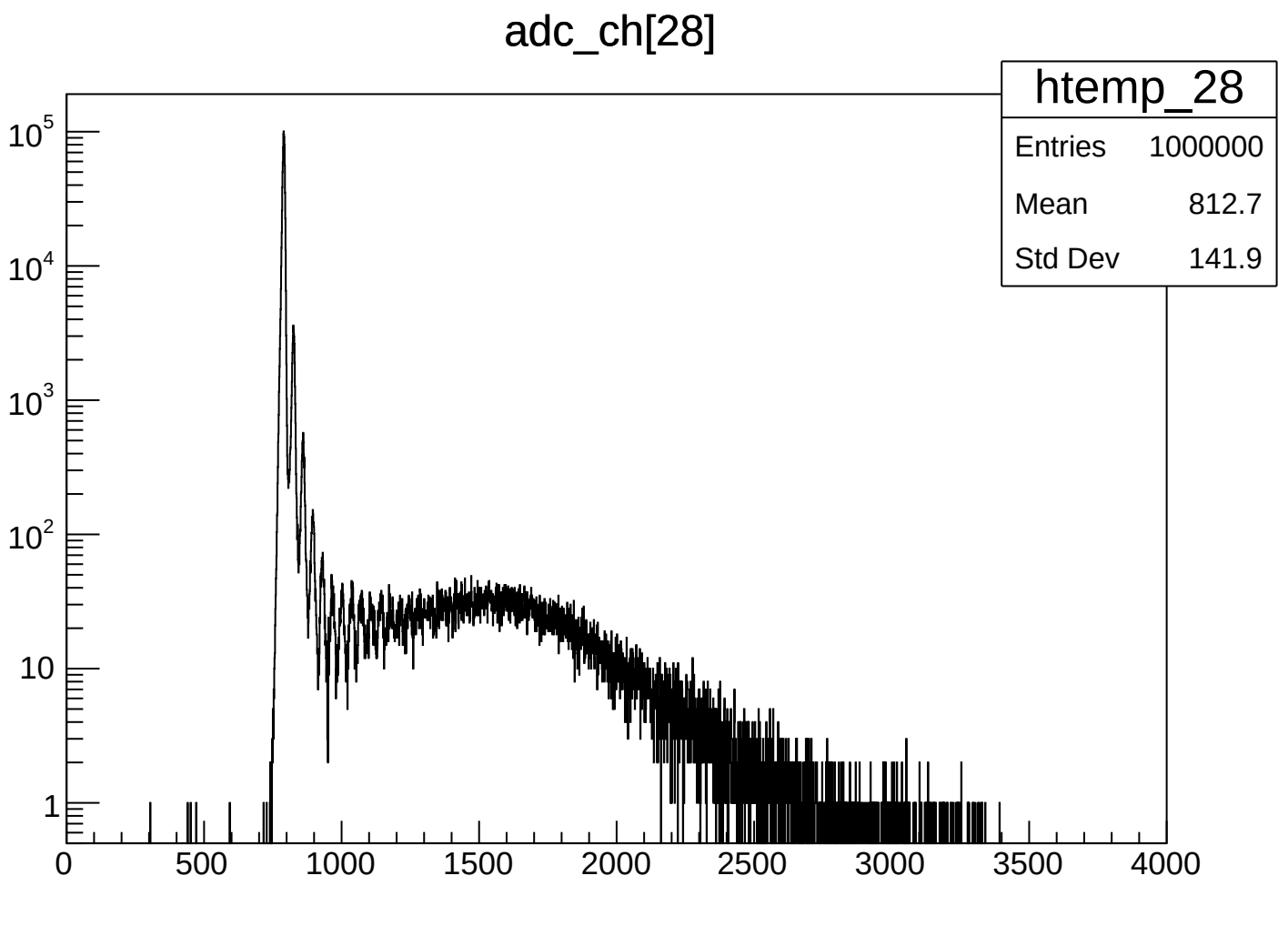

(adc_ch[26]-793.500000)/35.459000
htemp_26_nm
Entries 1000000
Mean 0.6117
Std Dev 3.529
10^6
10^5
10^4
10^3
10^2
10
0
10
20
30
40
50

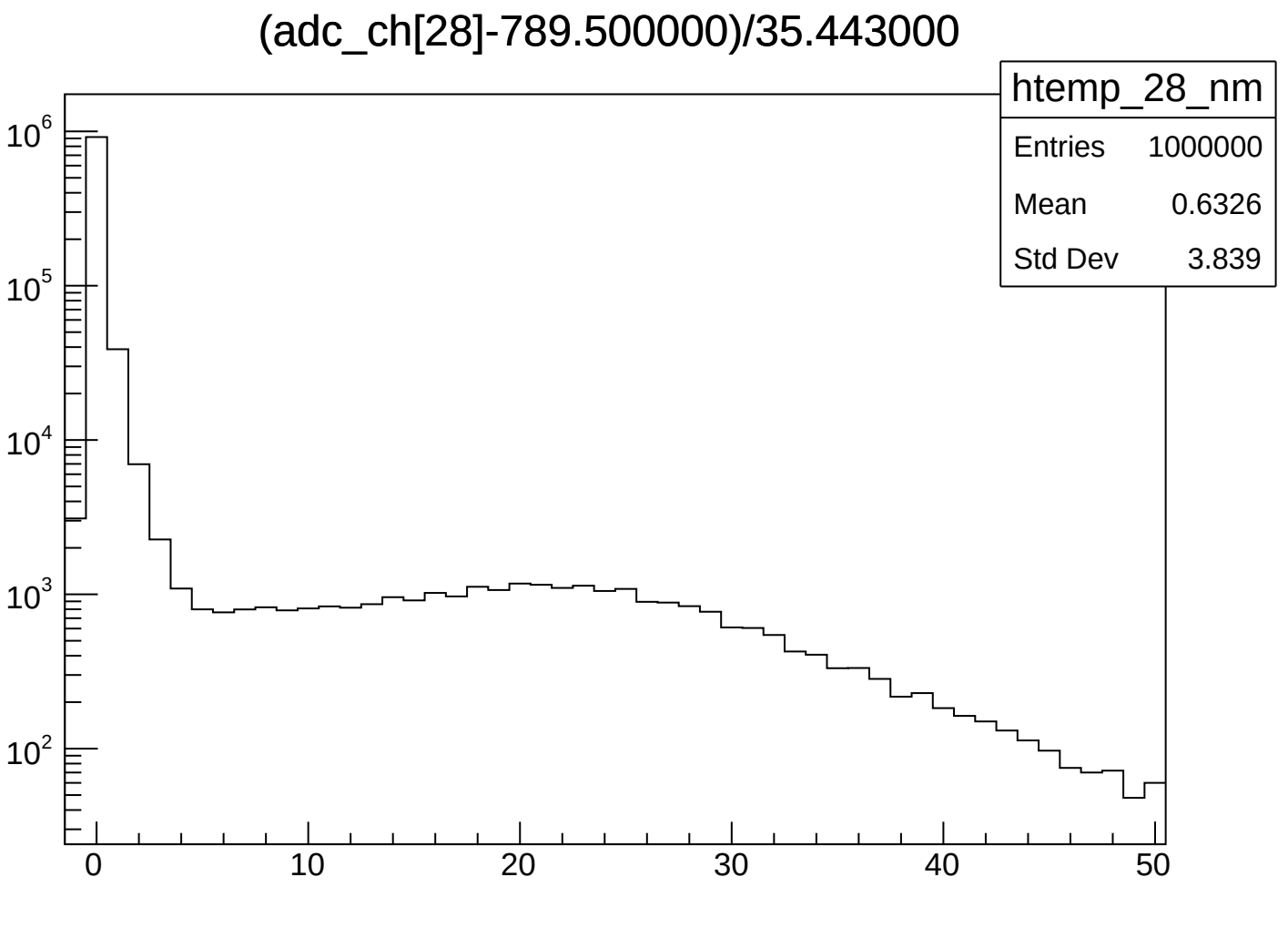

(adc_ch[26]-793.500000)/35.459000
htemp_26_nm
Entries 1000000
Mean 0.6117
Std Dev 3.529
χ² / ndf 129.7 / 23
Constant 1646 ± 12.4
Mean 15.99 ± 0.12
Sigma 8.461 ± 0.099
Entries
10⁶
10⁵
10⁴
10³
10²
10
0
10
20
30
40
50
[p.e.]

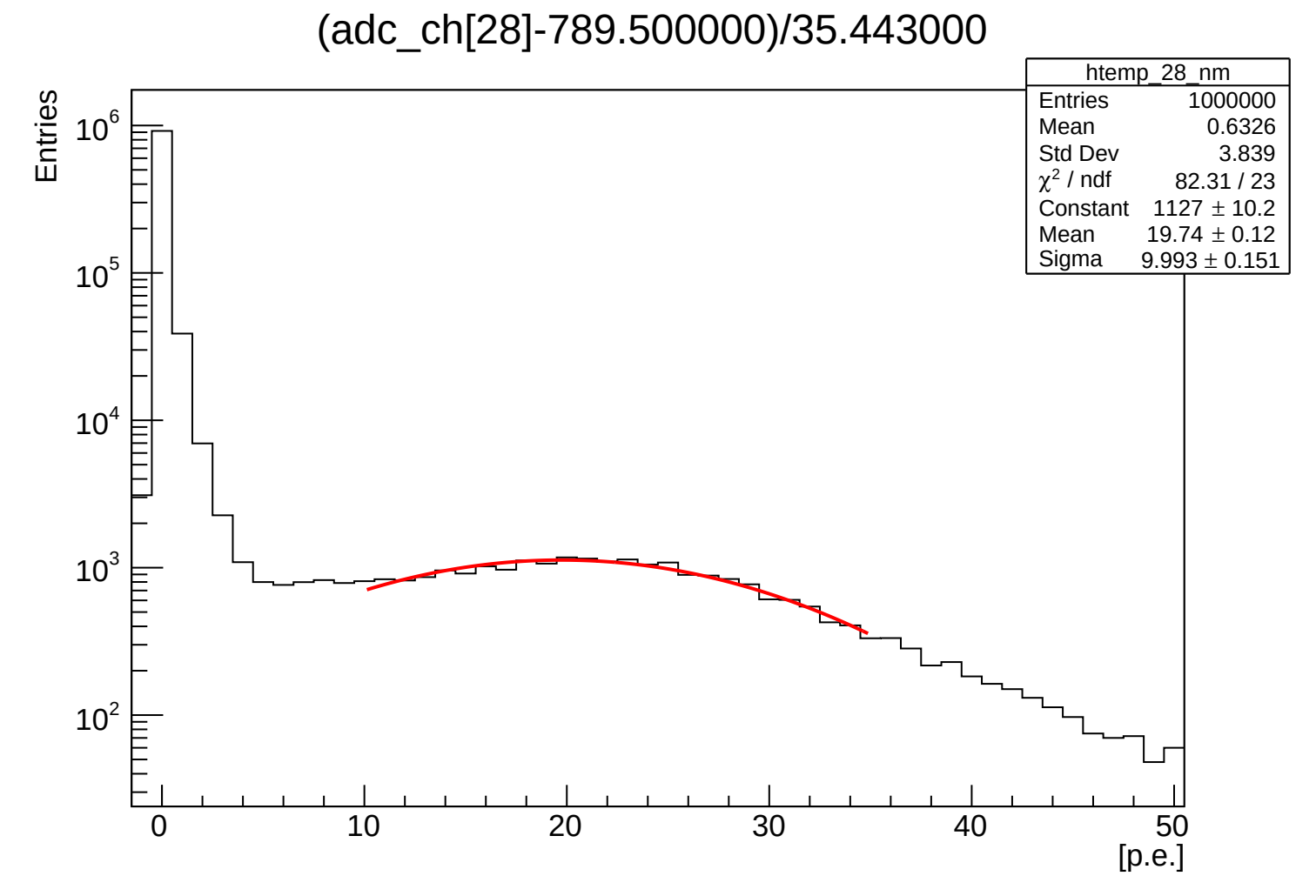

adc_ch[27]
htemp_27
Entries 1000000
Mean 813.8
Std Dev 158.5
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

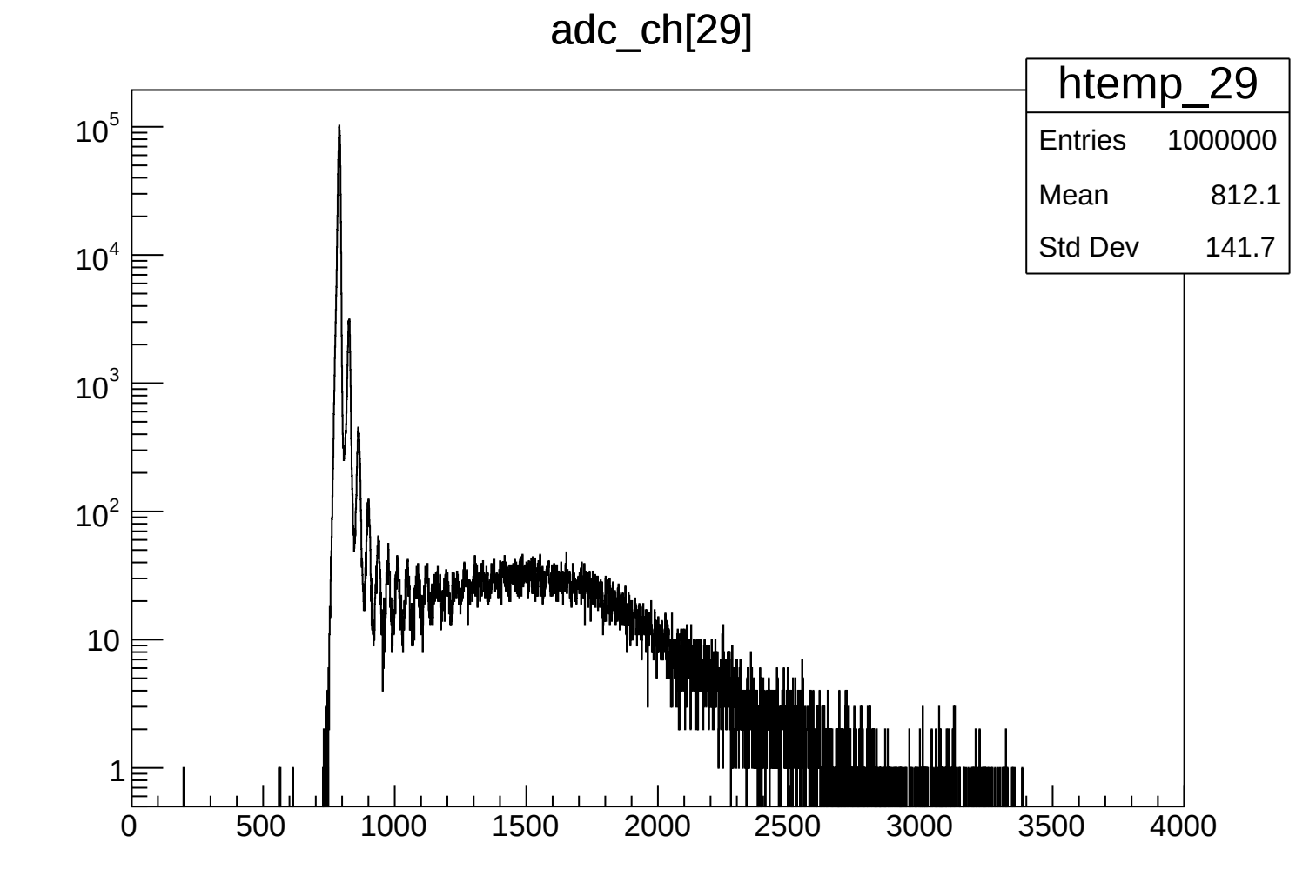

(adc_ch[27]-788.500000)/35.882000
htemp_27_nm
Entries 1000000
Mean 0.659
Std Dev 4.107
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

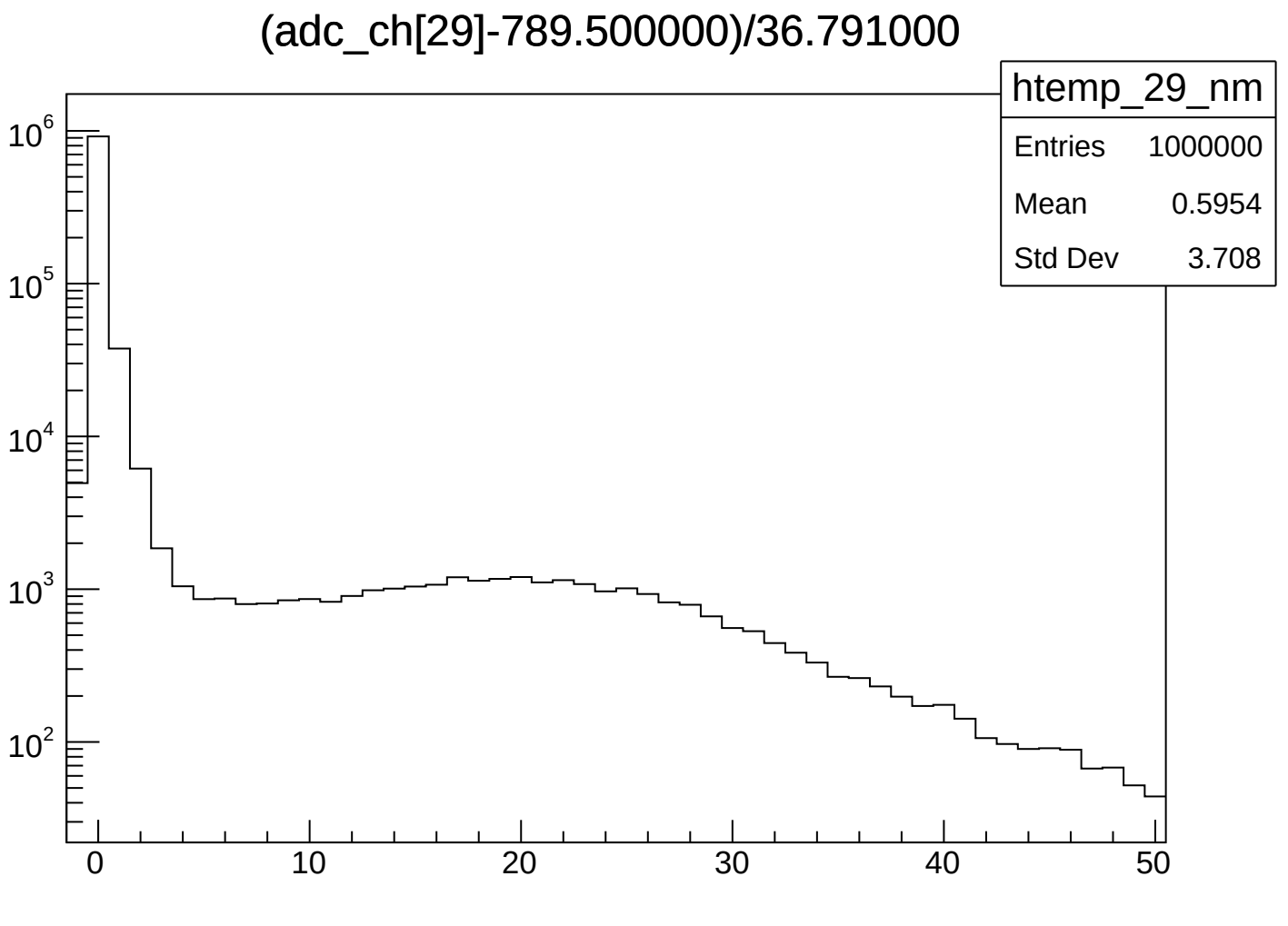

(adc_ch[27]-788.500000)/35.882000
htemp_27_nm
Entries 1000000
Mean 0.659
Std Dev 4.107
χ² / ndf 109.9 / 23
Constant 876 ± 9.2
Mean 23.5 ± 0.2
Sigma 12.23 ± 0.29
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

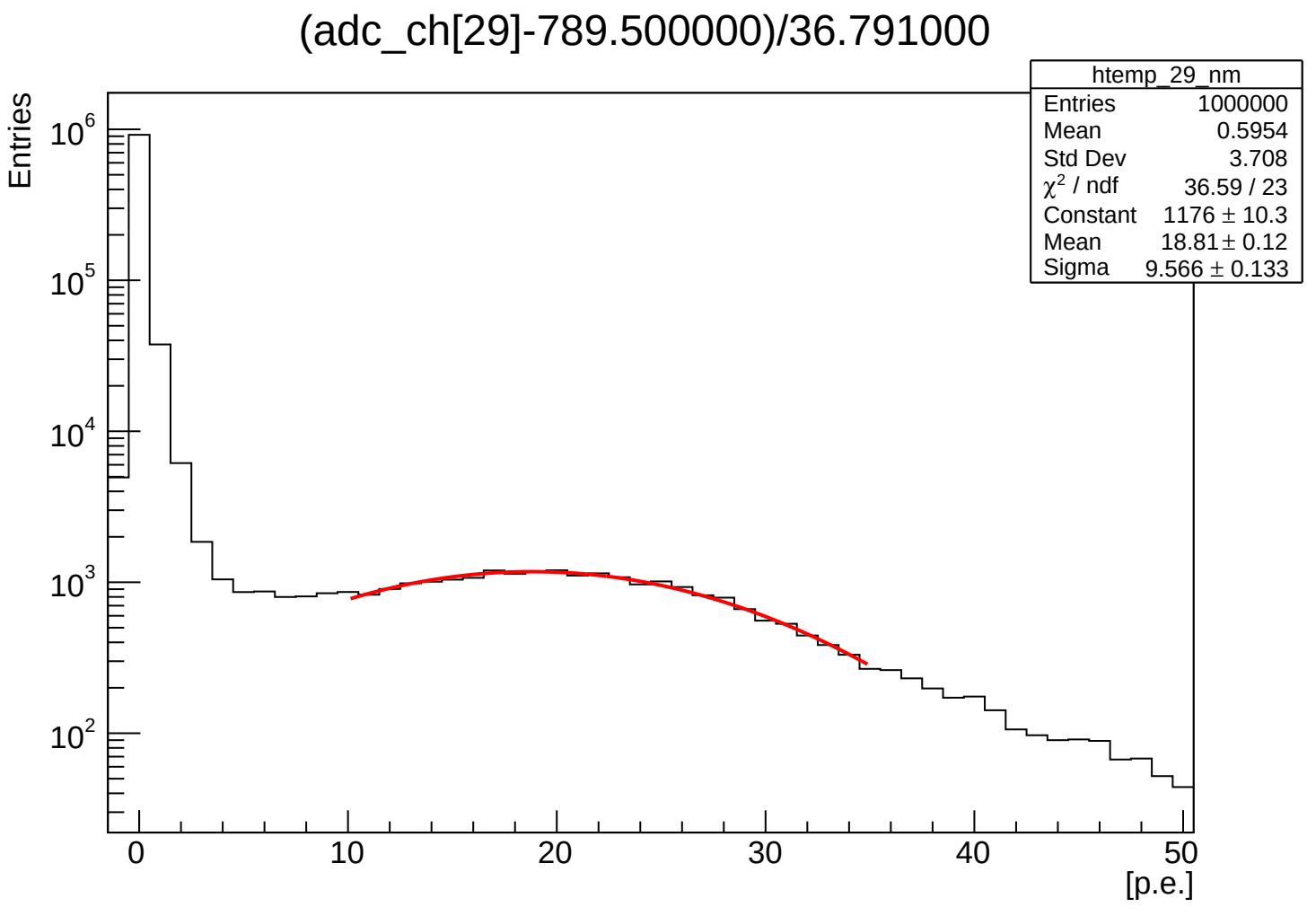

adc_ch[28]
htemp_28
Entries 1000000
Mean 812.7
Std Dev 141.9
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

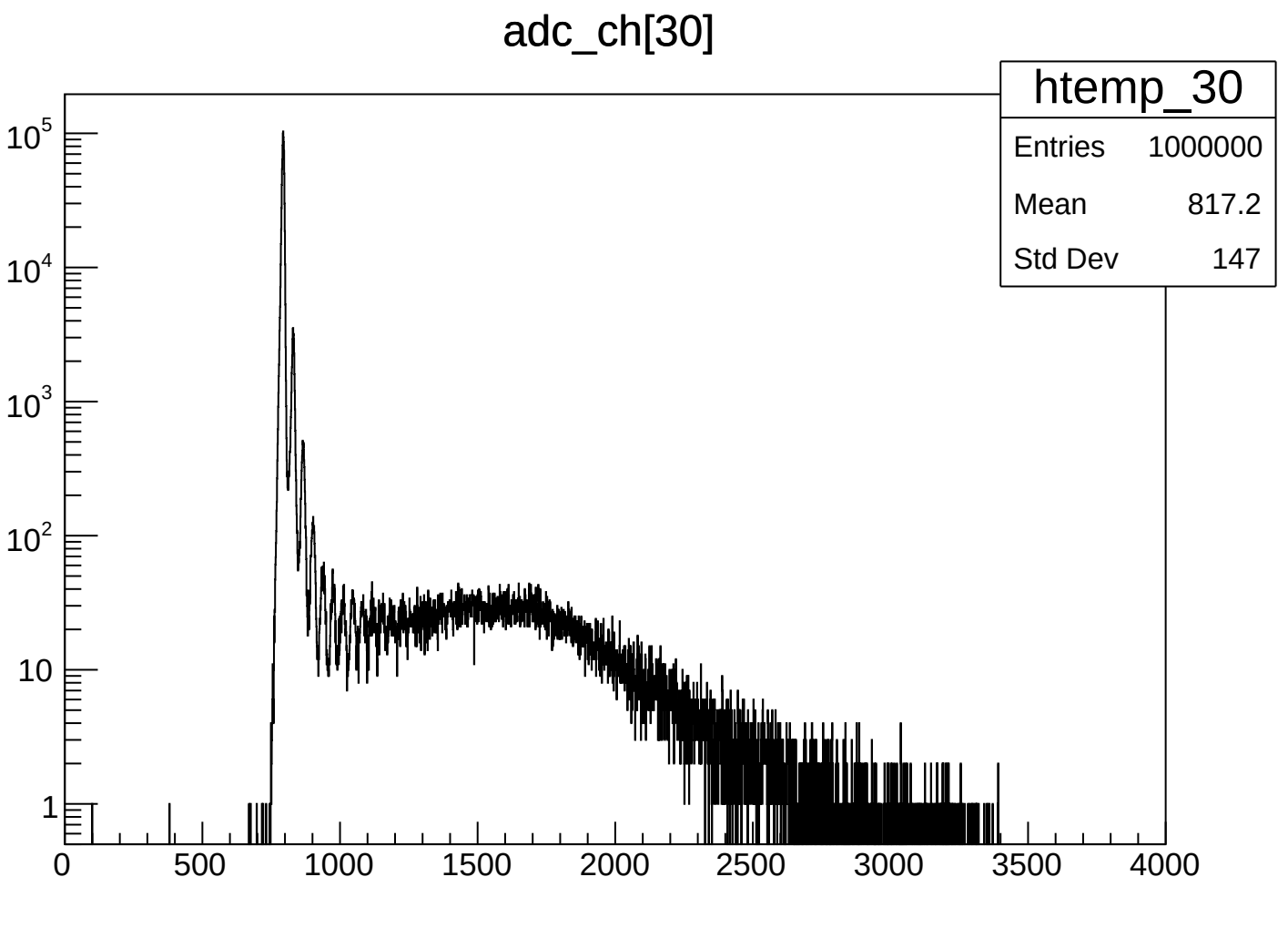

(adc_ch[28]-789.500000)/35.443000
htemp_28_nm
Entries 1000000
Mean 0.6326
Std Dev 3.839
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

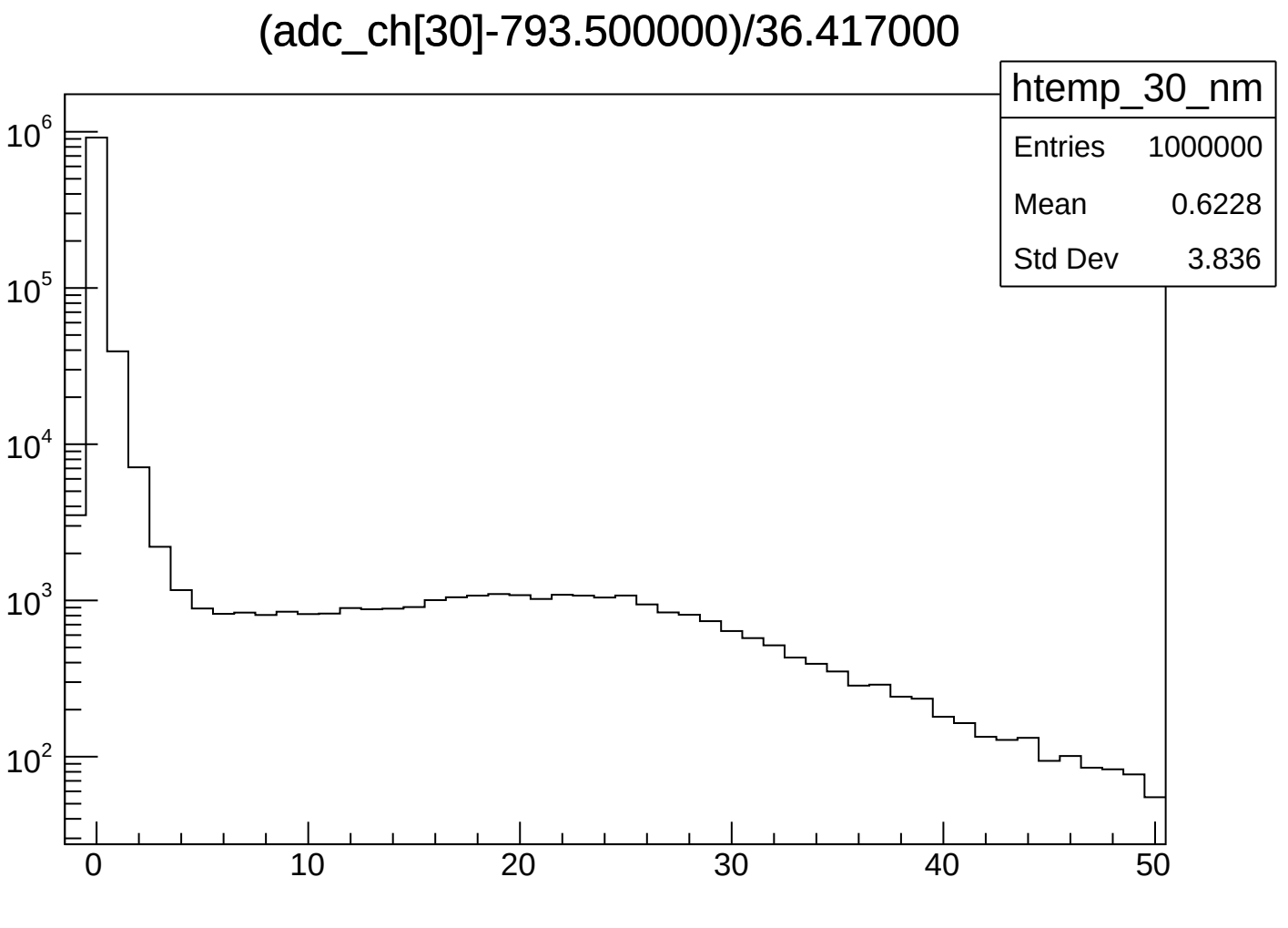

(adc_ch[28]-789.500000)/35.443000
htemp_28_nm
Entries 1000000
Mean 0.6326
Std Dev 3.839
χ² / ndf 82.31 / 23
Constant 1127 ± 10.2
Mean 19.74 ± 0.12
Sigma 9.993 ± 0.151
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

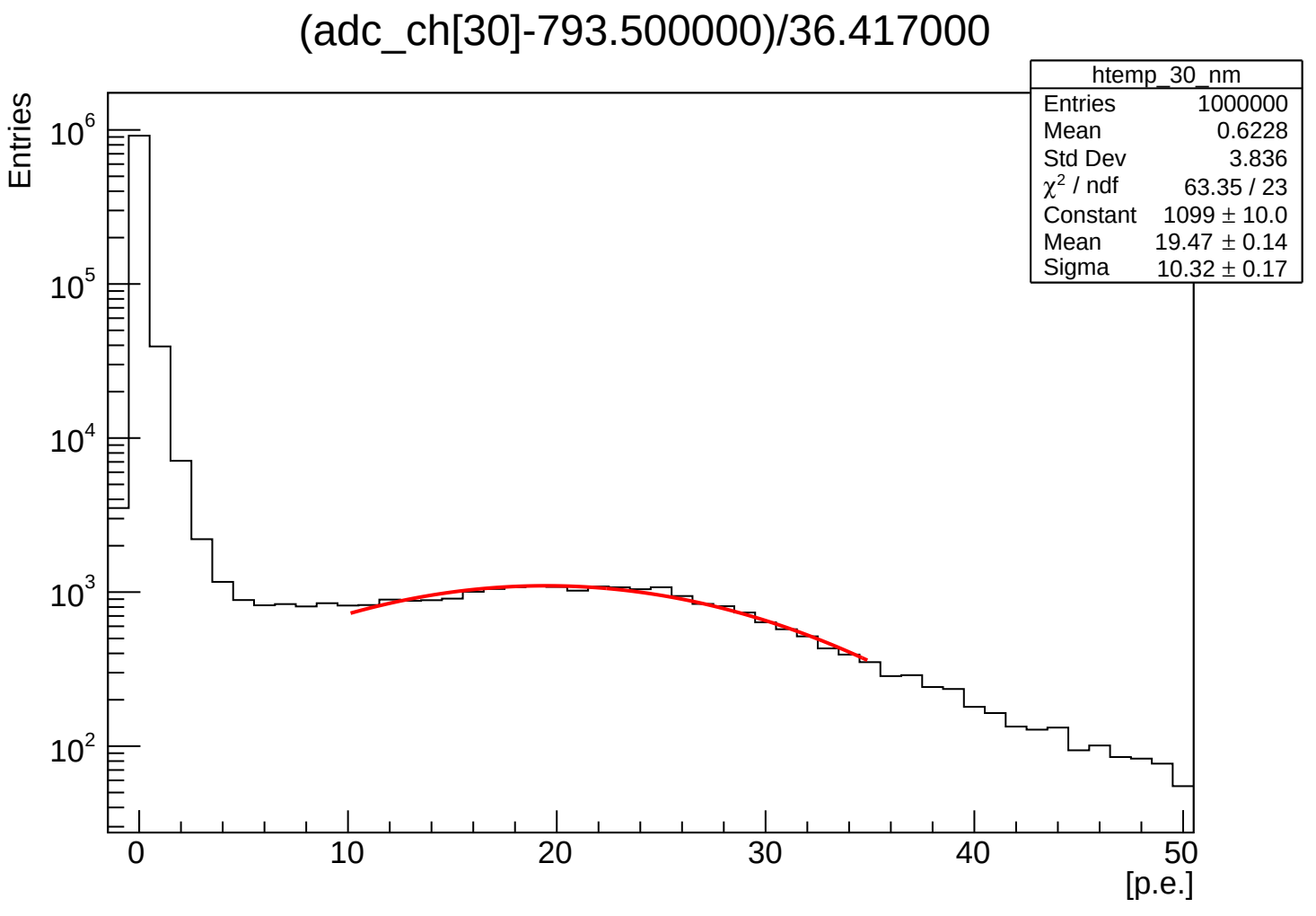

adc_ch[29]
htemp_29
Entries 1000000
Mean 812.1
Std Dev 141.7
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

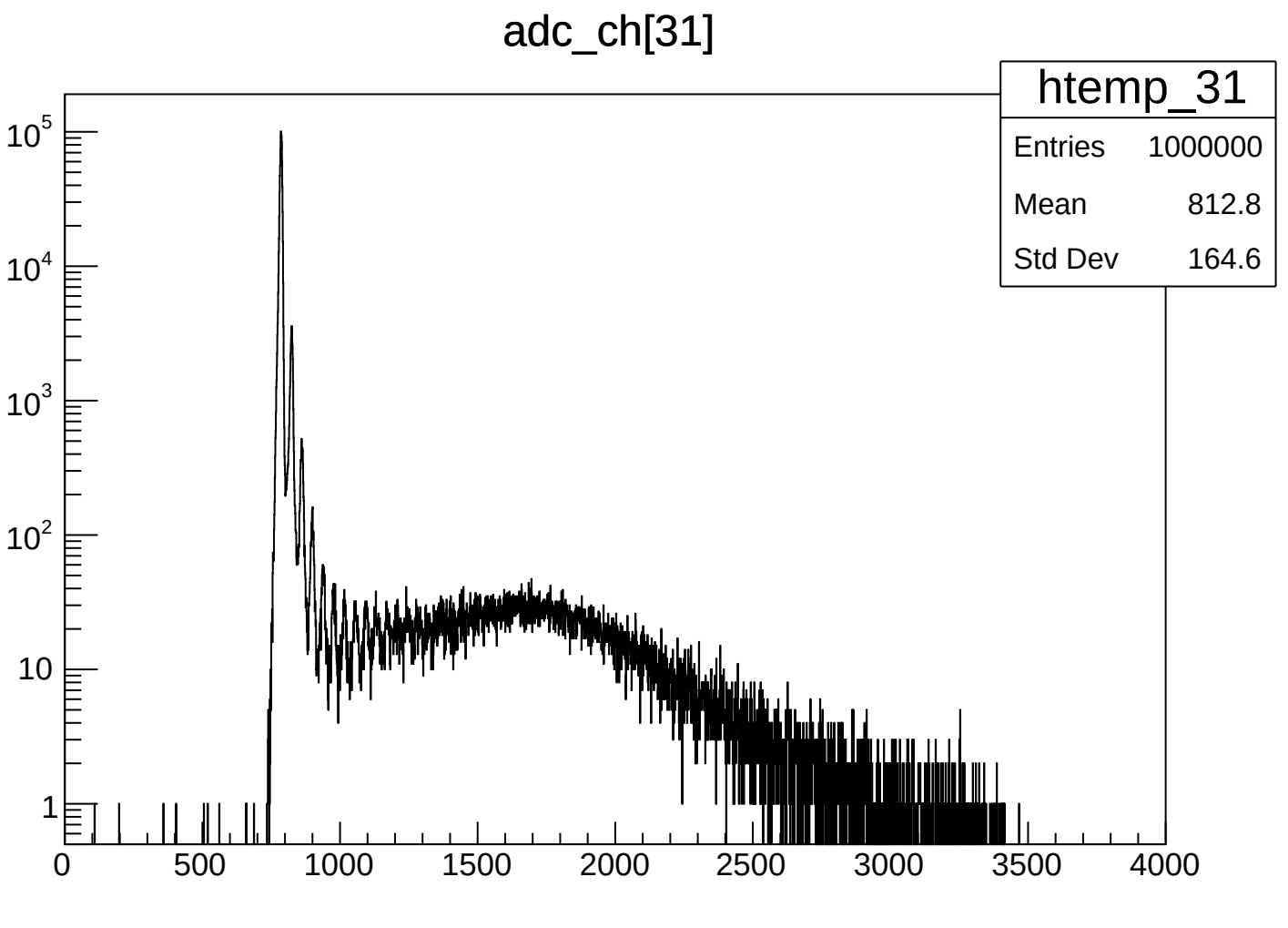

(adc_ch[29]-789.500000)/36.791000
htemp_29_nm
Entries 1000000
Mean 0.5954
Std Dev 3.708
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

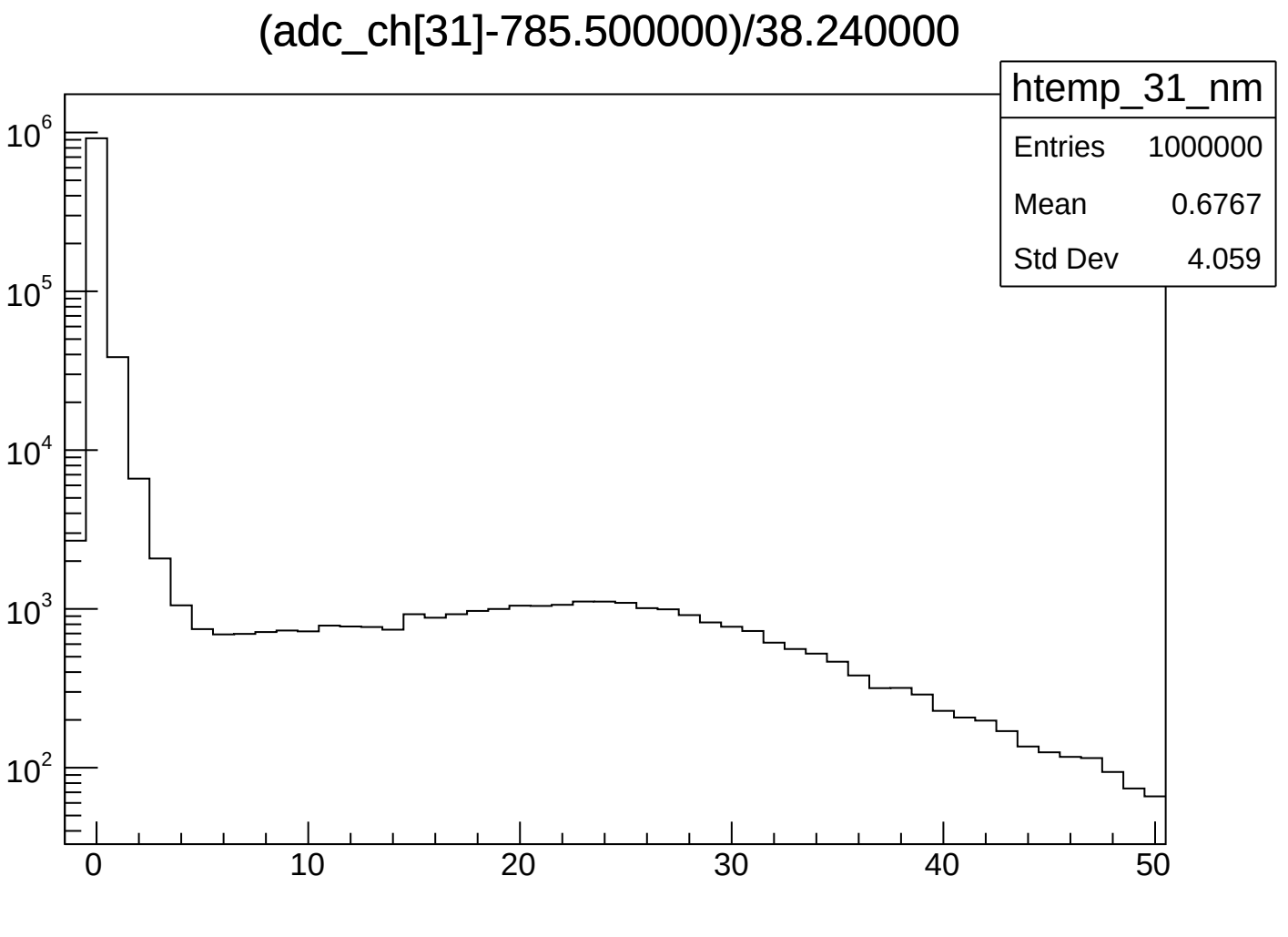

(adc_ch[29]-789.500000)/36.791000
htemp_29_nm
Entries 1000000
Mean 0.5954
Std Dev 3.708
χ² / ndf 36.59 / 23
Constant 1176 ± 10.3
Mean 18.81 ± 0.12
Sigma 9.566 ± 0.133
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

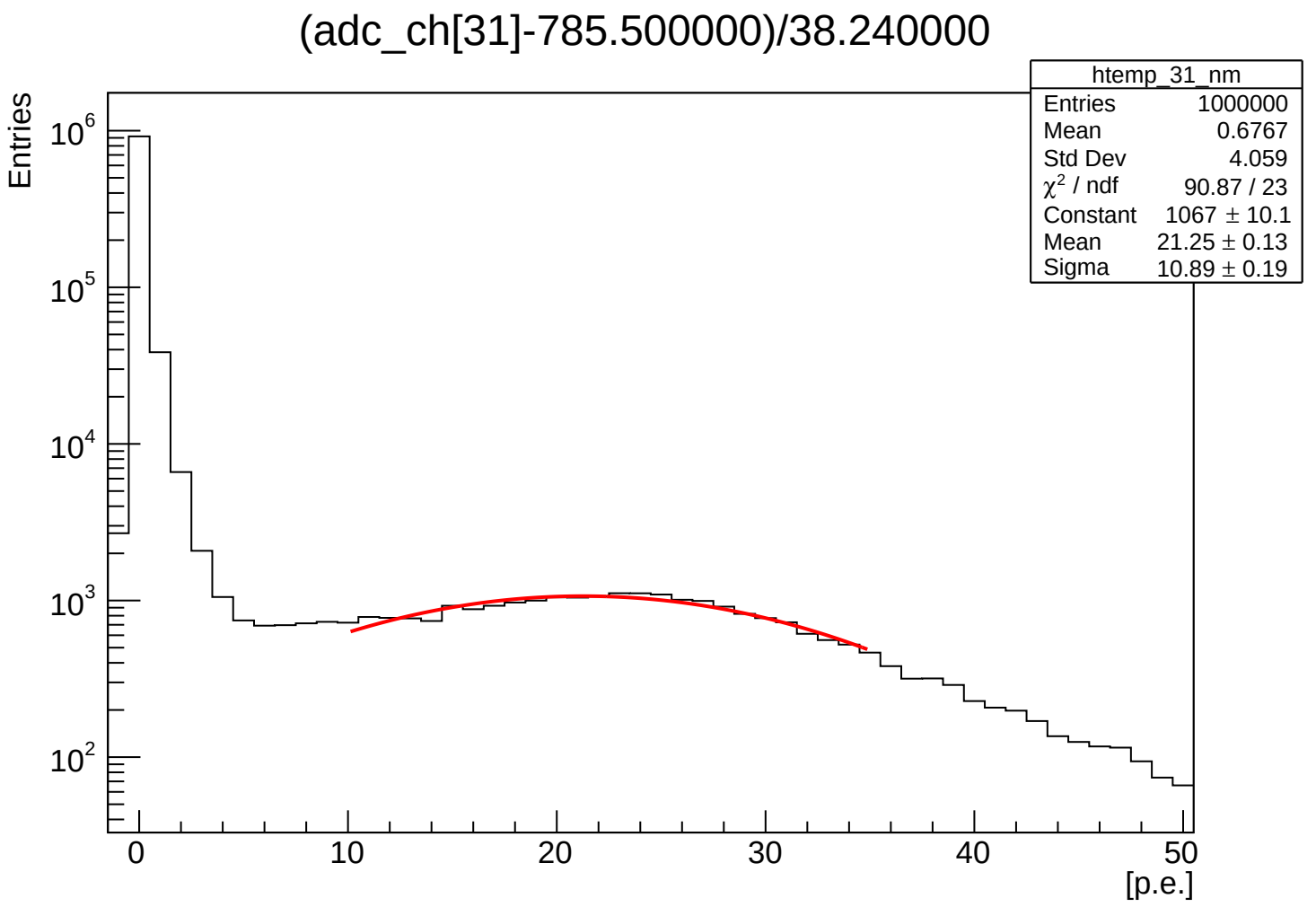

adc_ch[30]
htemp_30
Entries 1000000
Mean 817.2
Std Dev 147
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

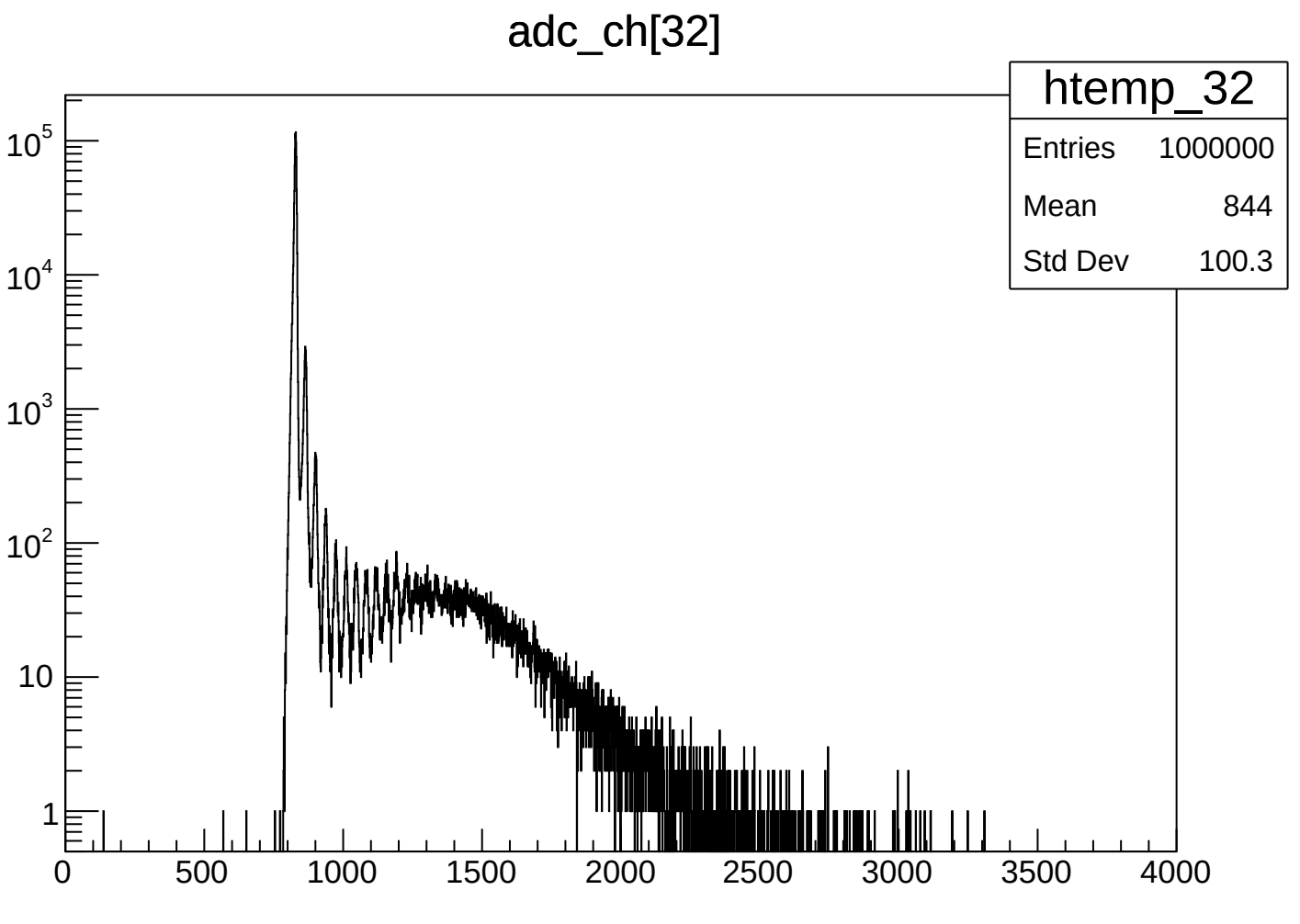

(adc_ch[30]-793.500000)/36.417000
htemp_30_nm
Entries 1000000
Mean 0.6228
Std Dev 3.836
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

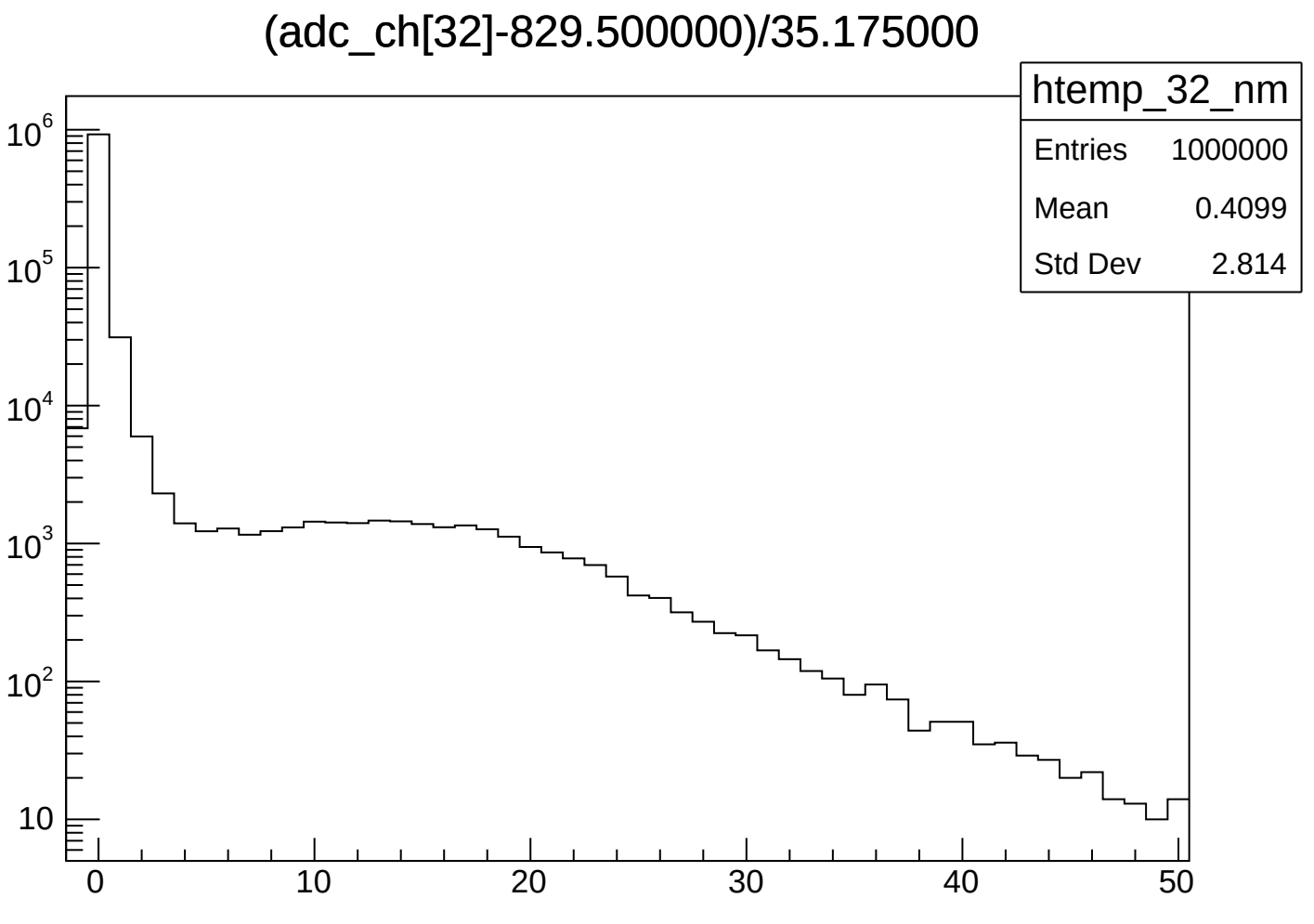

(adc_ch[30]-793.500000)/36.417000
htemp_30_nm
Entries 1000000
Mean 0.6228
Std Dev 3.836
χ² / ndf 63.35 / 23
Constant 1099 ± 10.0
Mean 19.47 ± 0.14
Sigma 10.32 ± 0.17
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

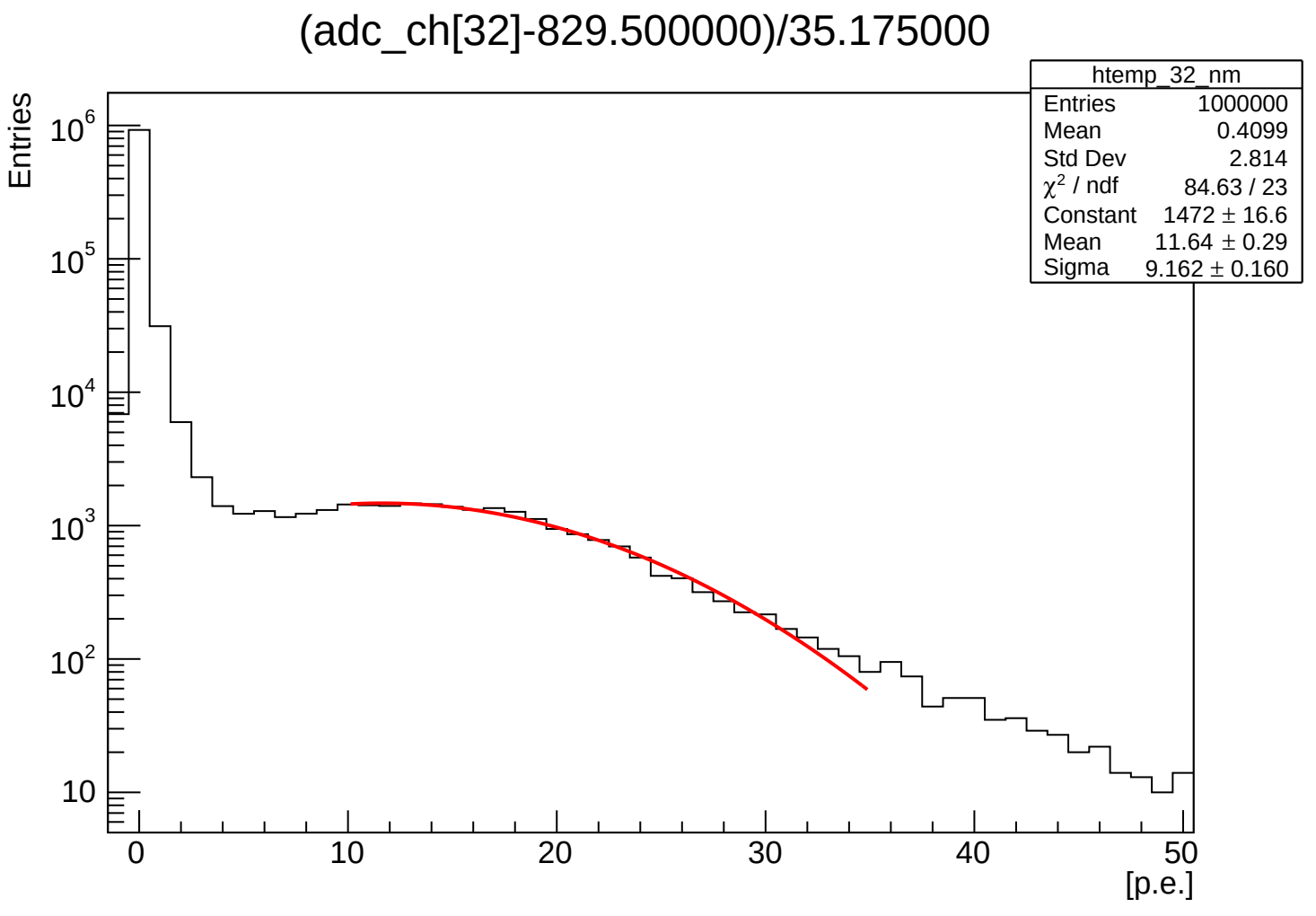

adc_ch[31]
htemp_31
Entries 1000000
Mean 812.8
Std Dev 164.6
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

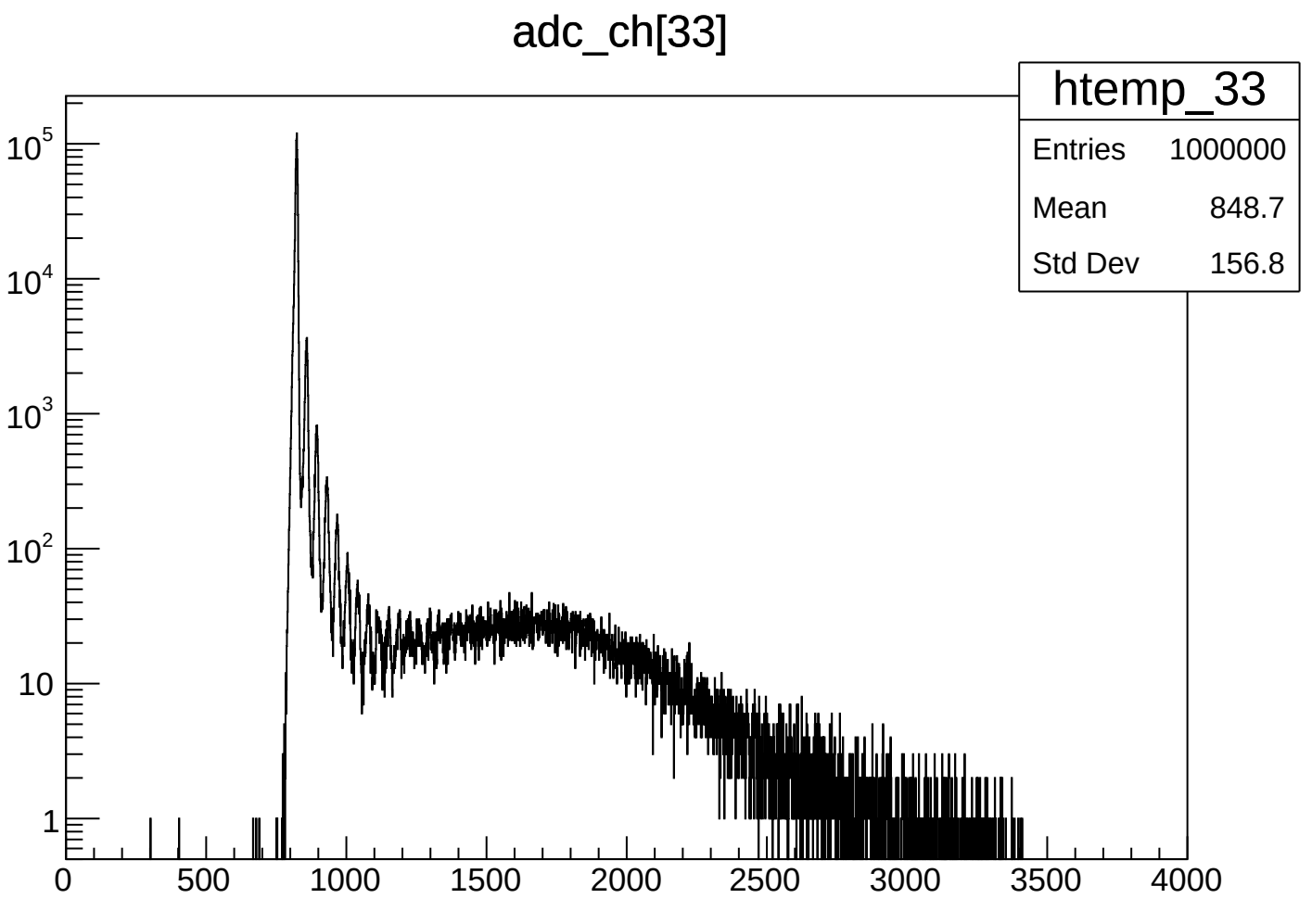

(adc_ch[31]-785.500000)/38.240000
htemp_31_nm
Entries 1000000
Mean 0.6767
Std Dev 4.059
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

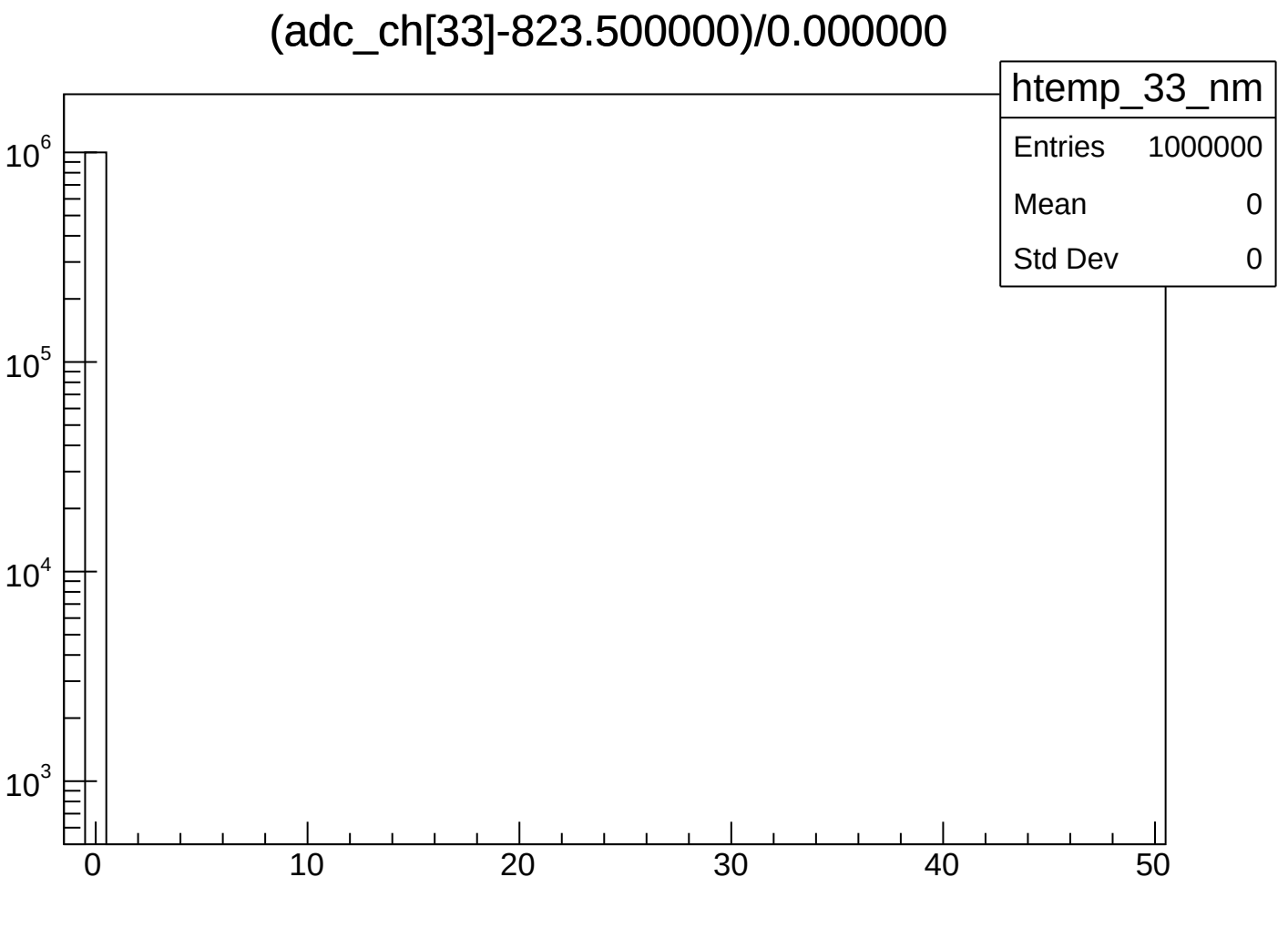

(adc_ch[31]-785.500000)/38.240000
htemp_31_nm
Entries 1000000
Mean 0.6767
Std Dev 4.059
χ² / ndf 90.87 / 23
Constant 1067 ± 10.1
Mean 21.25 ± 0.13
Sigma 10.89 ± 0.19
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

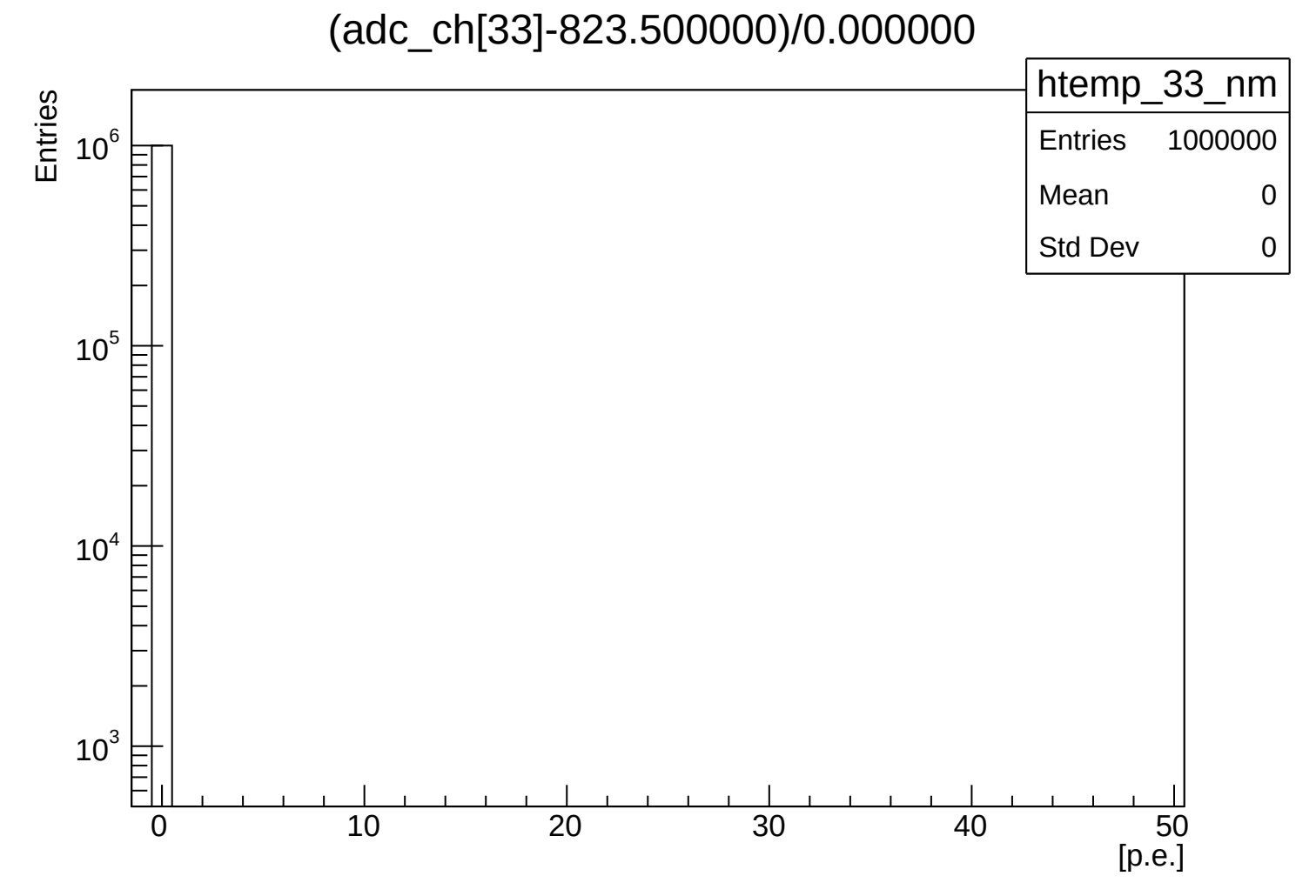

adc_ch[32]
htemp_32
Entries 1000000
Mean 844
Std Dev 100.3
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

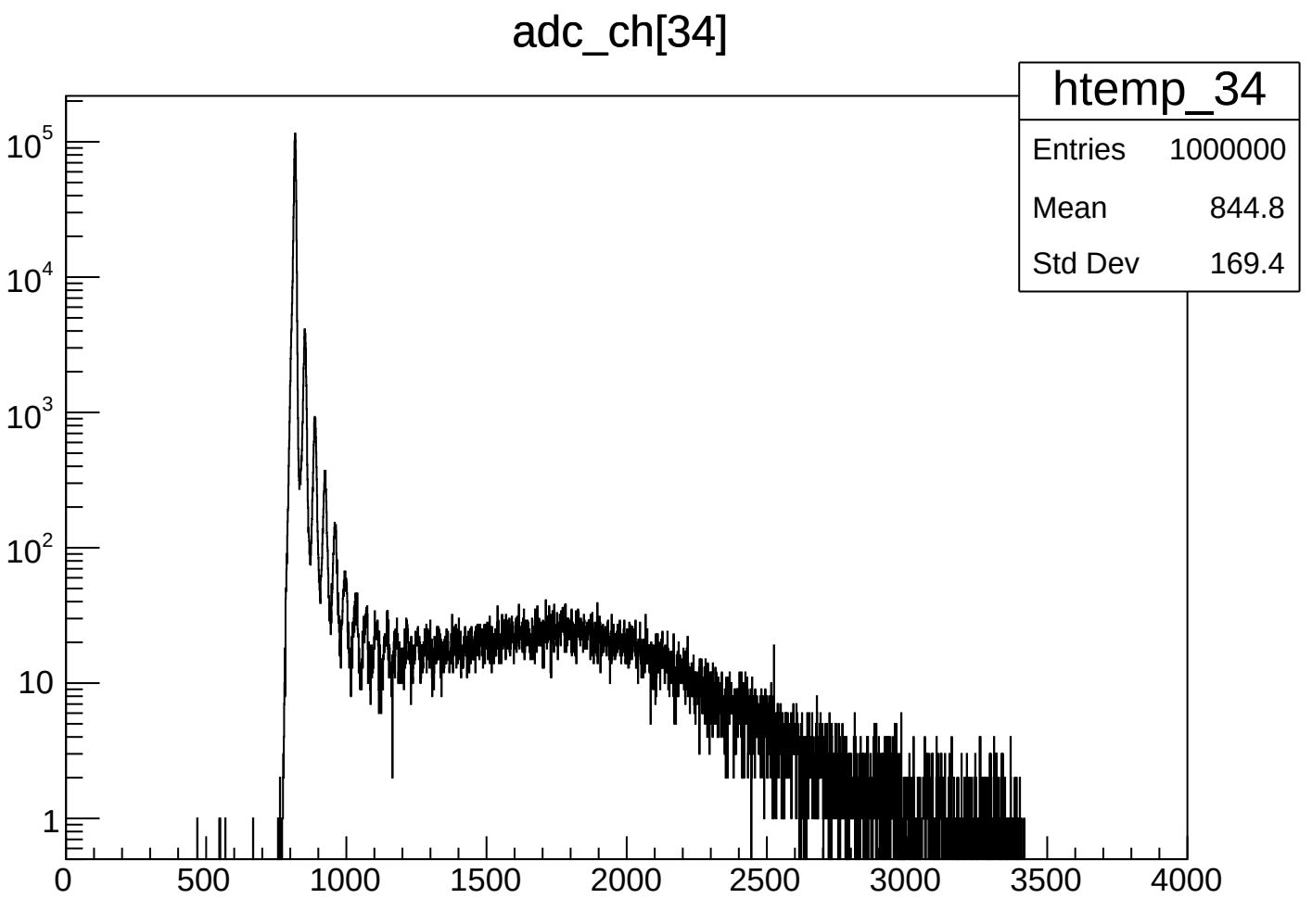

(adc_ch[32]-829.500000)/35.175000
htemp_32_nm
Entries 1000000
Mean 0.4099
Std Dev 2.814
10^6
10^5
10^4
10^3
10^2
10
0
10
20
30
40
50

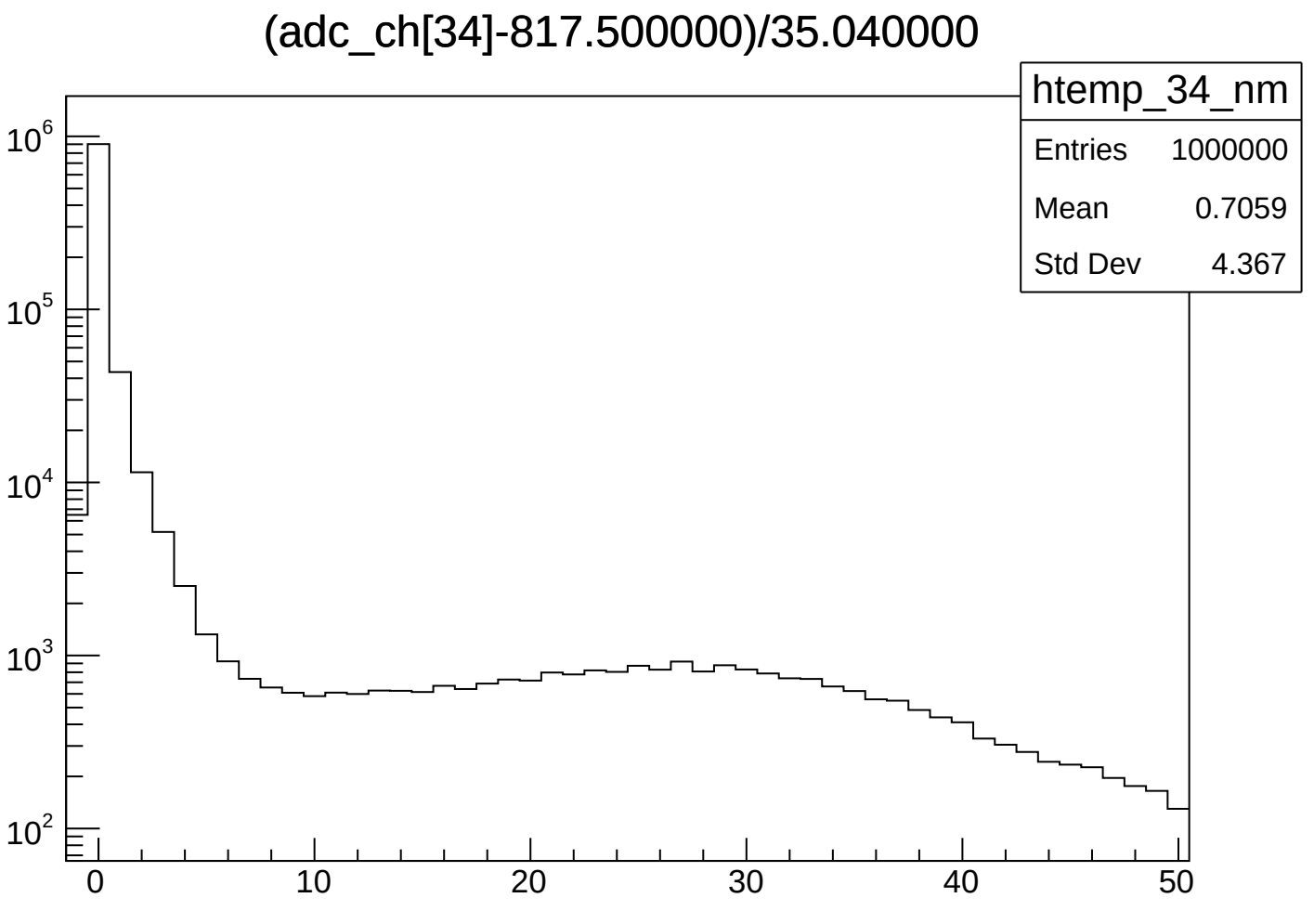

(adc_ch[32]-829.500000)/35.175000
htemp_32_nm
Entries 1000000
Mean 0.4099
Std Dev 2.814
χ² / ndf 84.63 / 23
Constant 1472 ± 16.6
Mean 11.64 ± 0.29
Sigma 9.162 ± 0.160
Entries
10⁶
10⁵
10⁴
10³
10²
10
0
10
20
30
40
50
[p.e.]

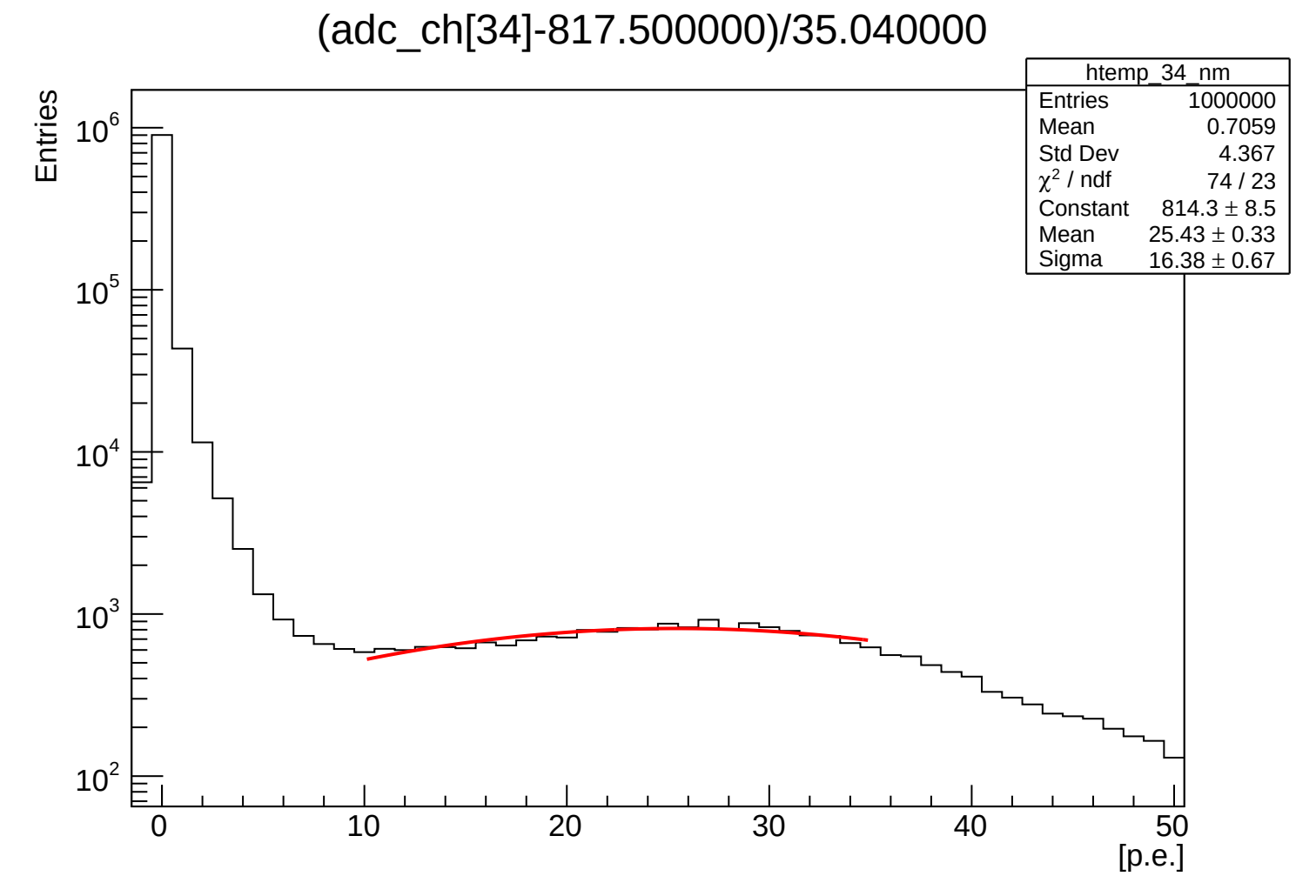

adc_ch[33]
htemp_33
Entries 1000000
Mean 848.7
Std Dev 156.8
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

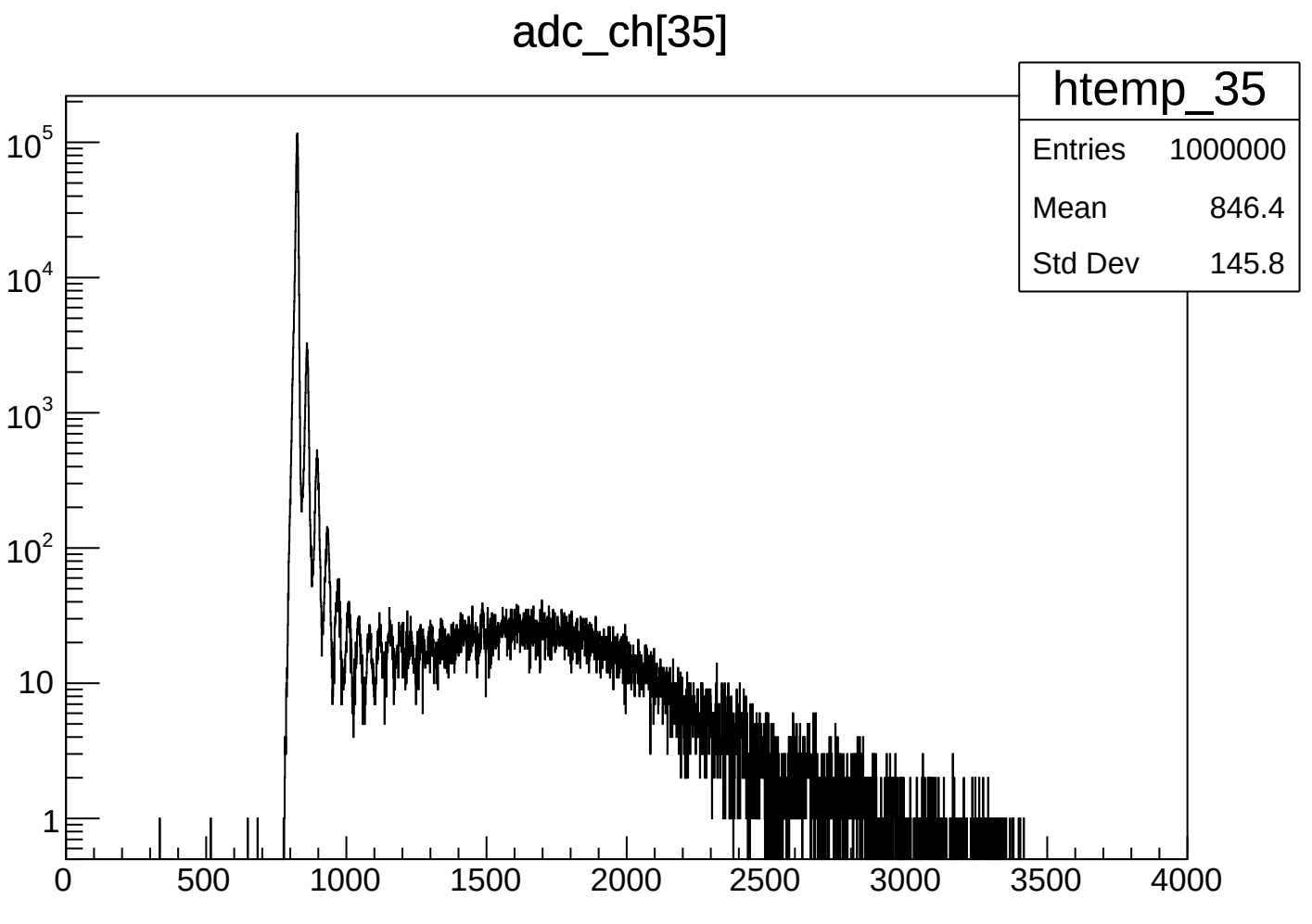

(adc_ch[33]-823.500000)/0.000000
htemp_33_nm
Entries 1000000
Mean 0
Std Dev 0
10^6
10^5
10^4
10^3
0
10
20
30
40
50

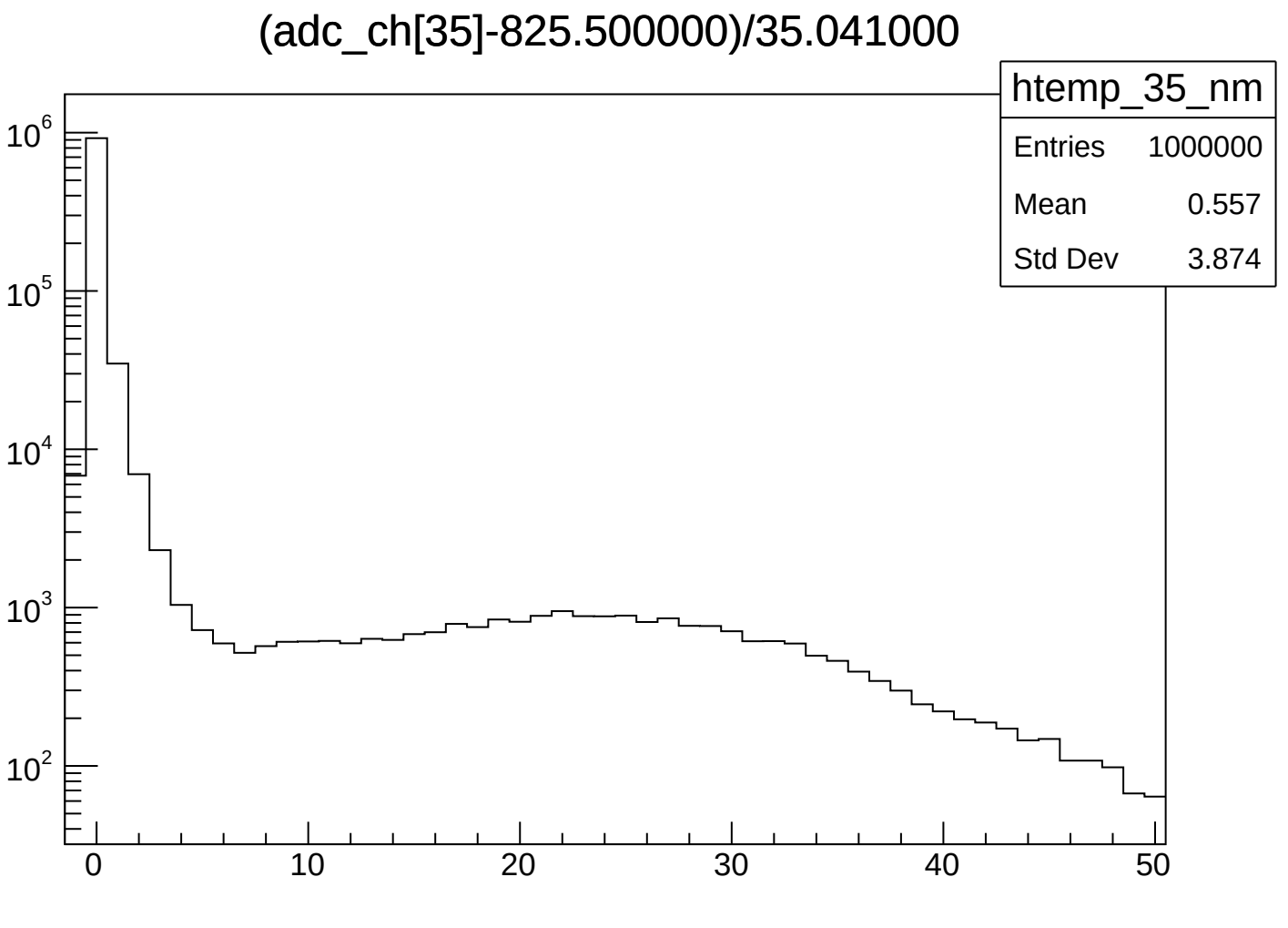

(adc_ch[33]-823.500000)/0.000000
htemp_33_nm
Entries 1000000
Mean 0
Std Dev 0
Entries
10^6
10^5
10^4
10^3
0
10
20
30
40
50
[p.e.]

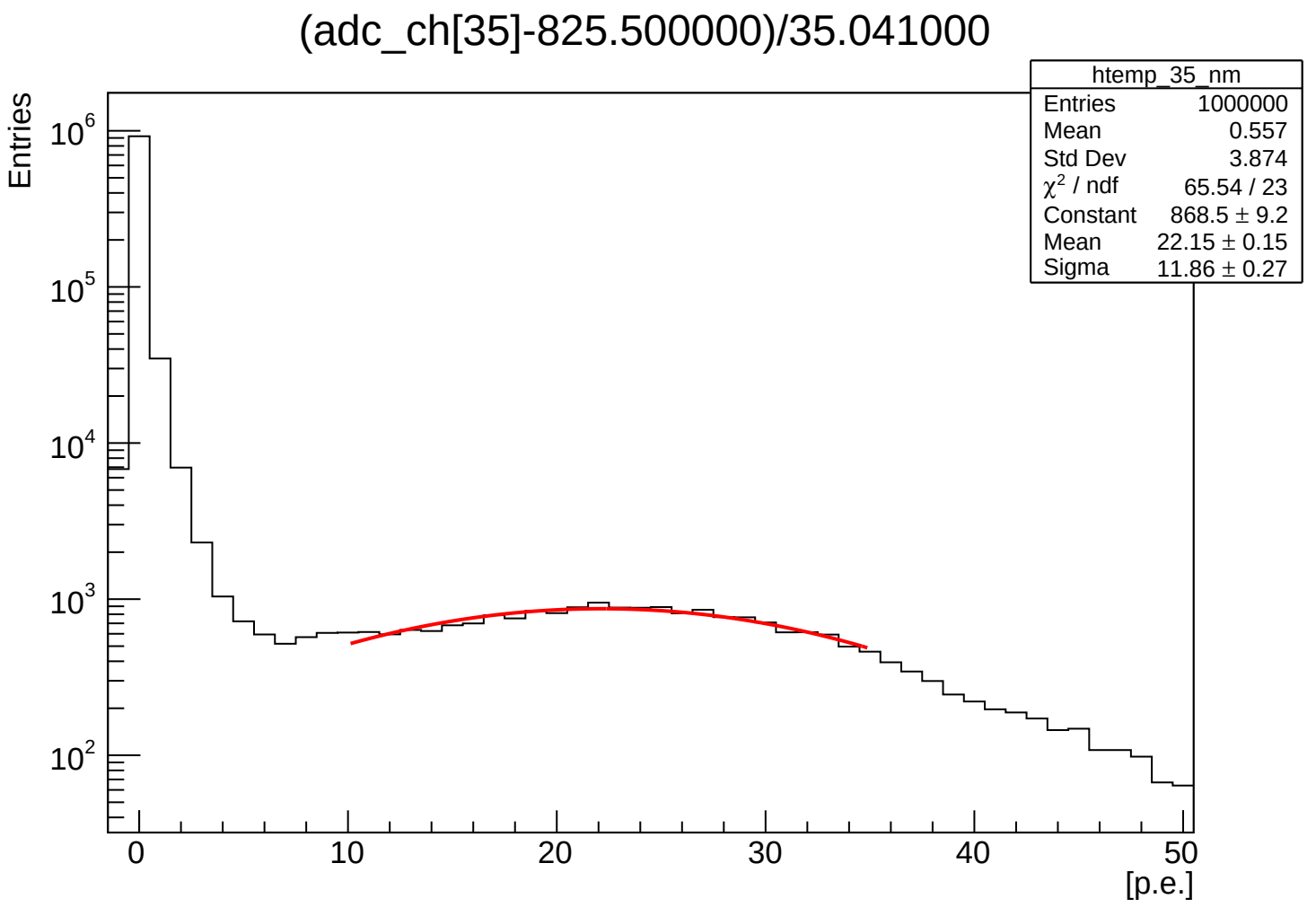

adc_ch[34]
htemp_34
Entries 1000000
Mean 844.8
Std Dev 169.4
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

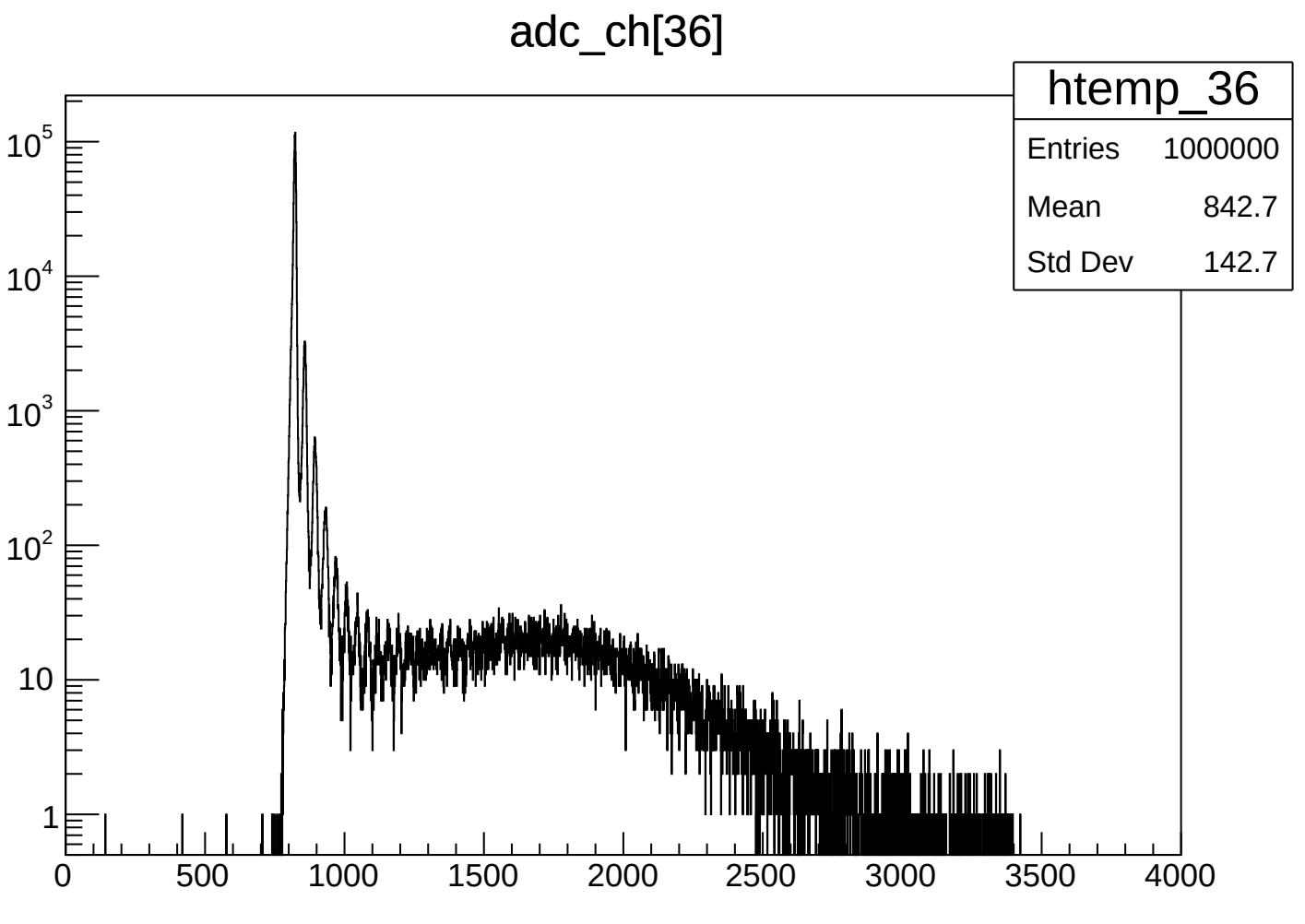

(adc_ch[34]-817.500000)/35.040000
htemp_34_nm
Entries 1000000
Mean 0.7059
Std Dev 4.367
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

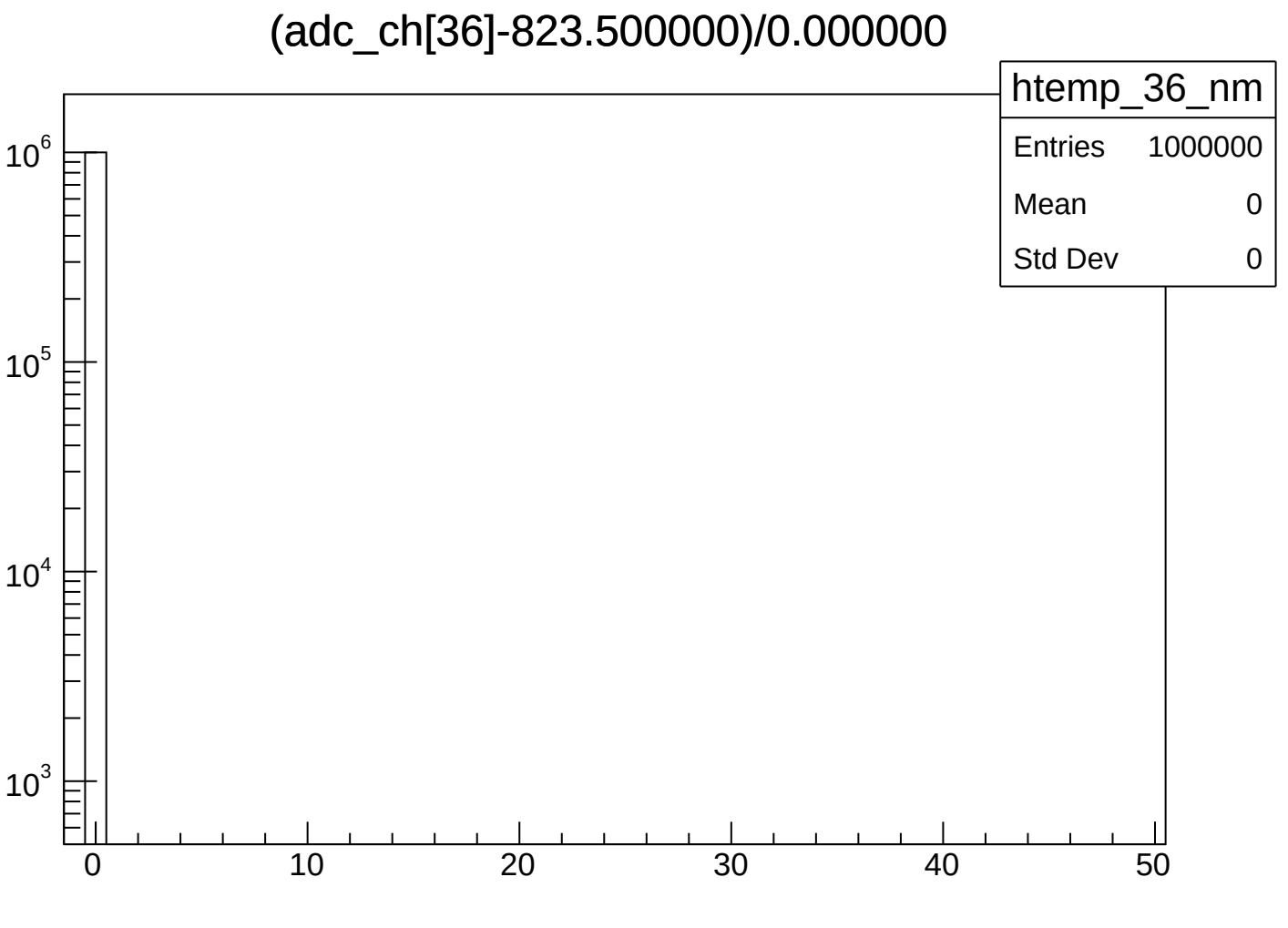

(adc_ch[34]-817.500000)/35.040000
htemp_34_nm
Entries 1000000
Mean 0.7059
Std Dev 4.367
χ² / ndf 74 / 23
Constant 814.3 ± 8.5
Mean 25.43 ± 0.33
Sigma 16.38 ± 0.67
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

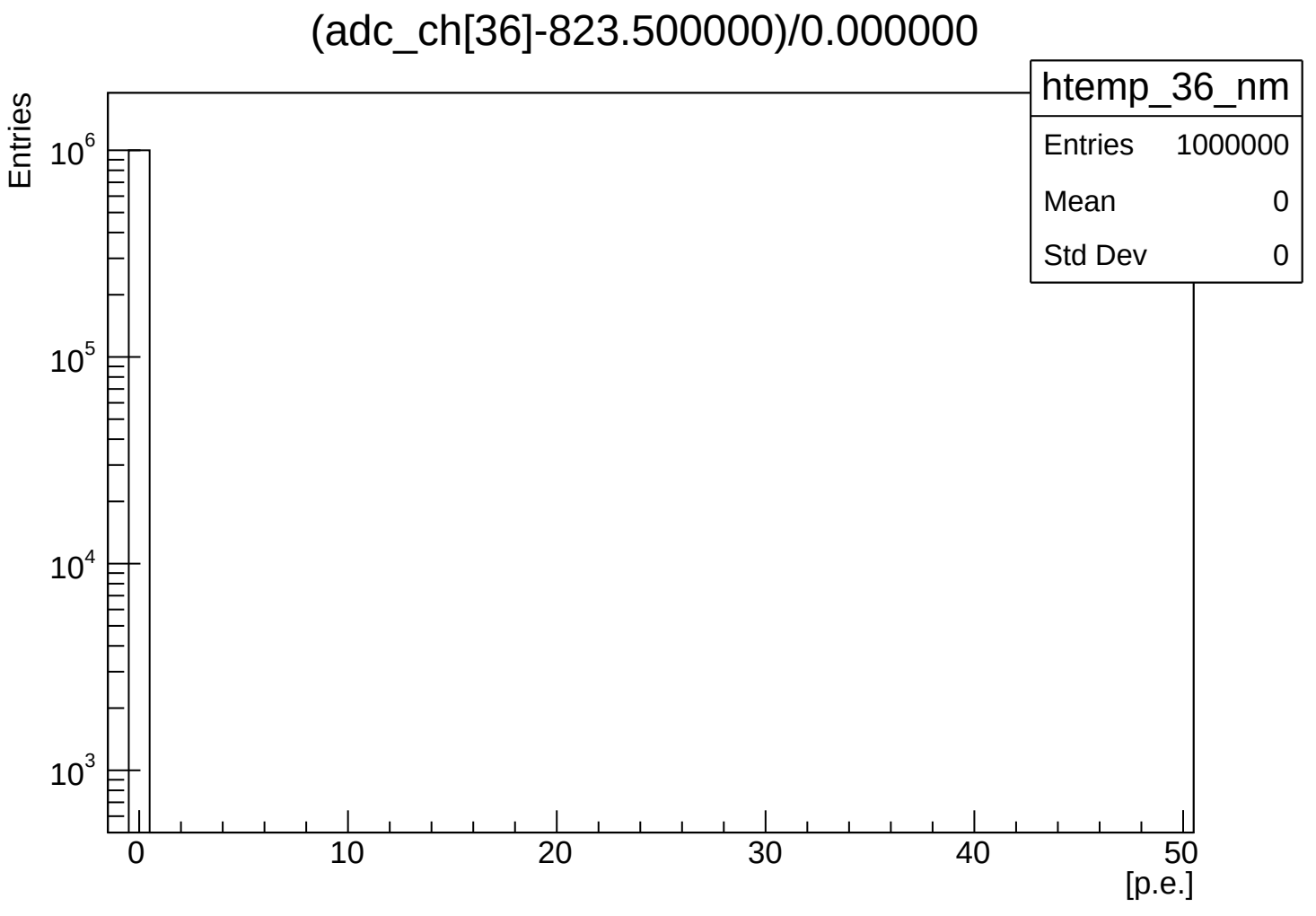

adc_ch[35]
htemp_35
Entries 1000000
Mean 846.4
Std Dev 145.8
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

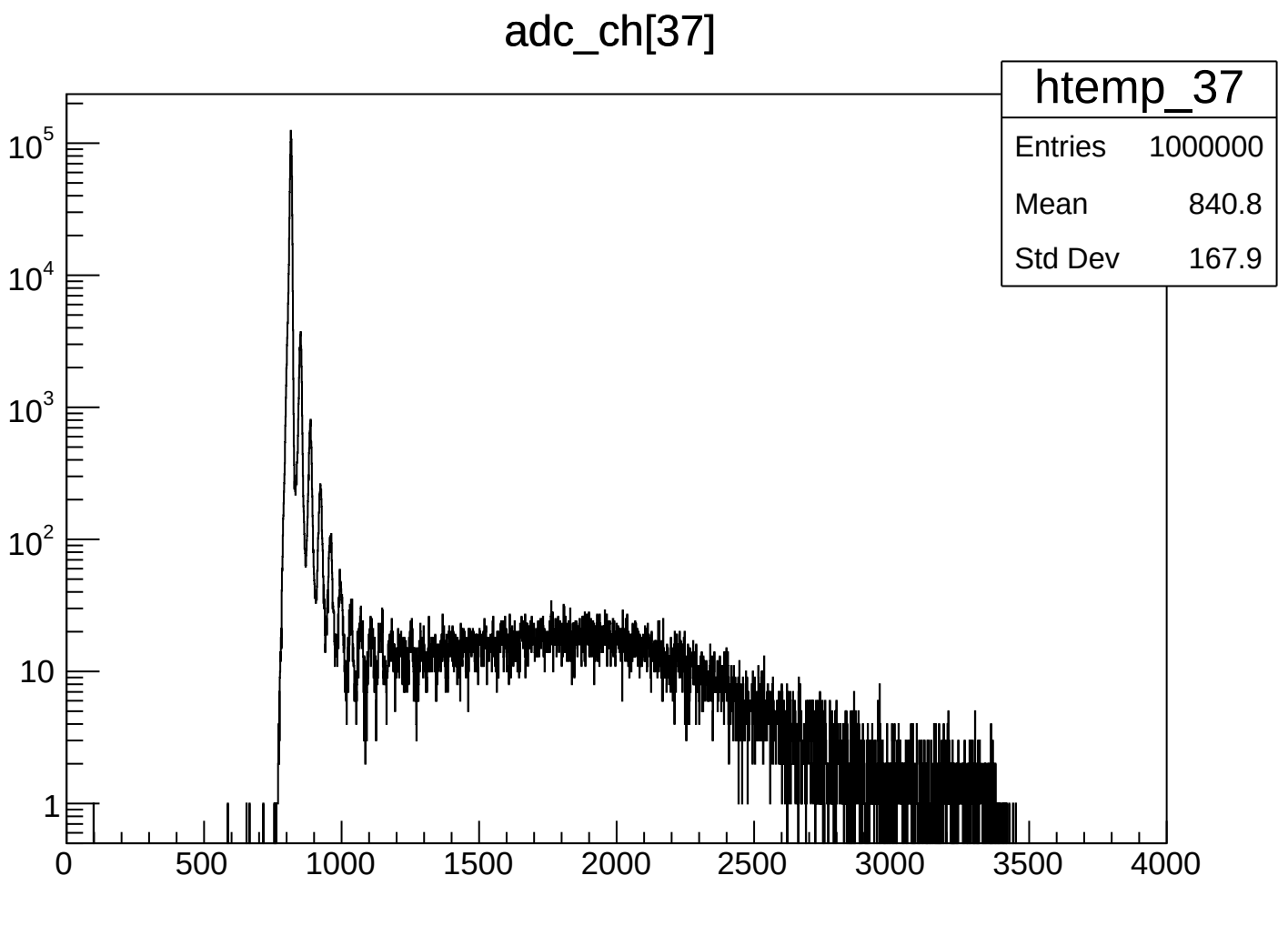

(adc_ch[35]-825.500000)/35.041000
htemp_35_nm
Entries 1000000
Mean 0.557
Std Dev 3.874
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

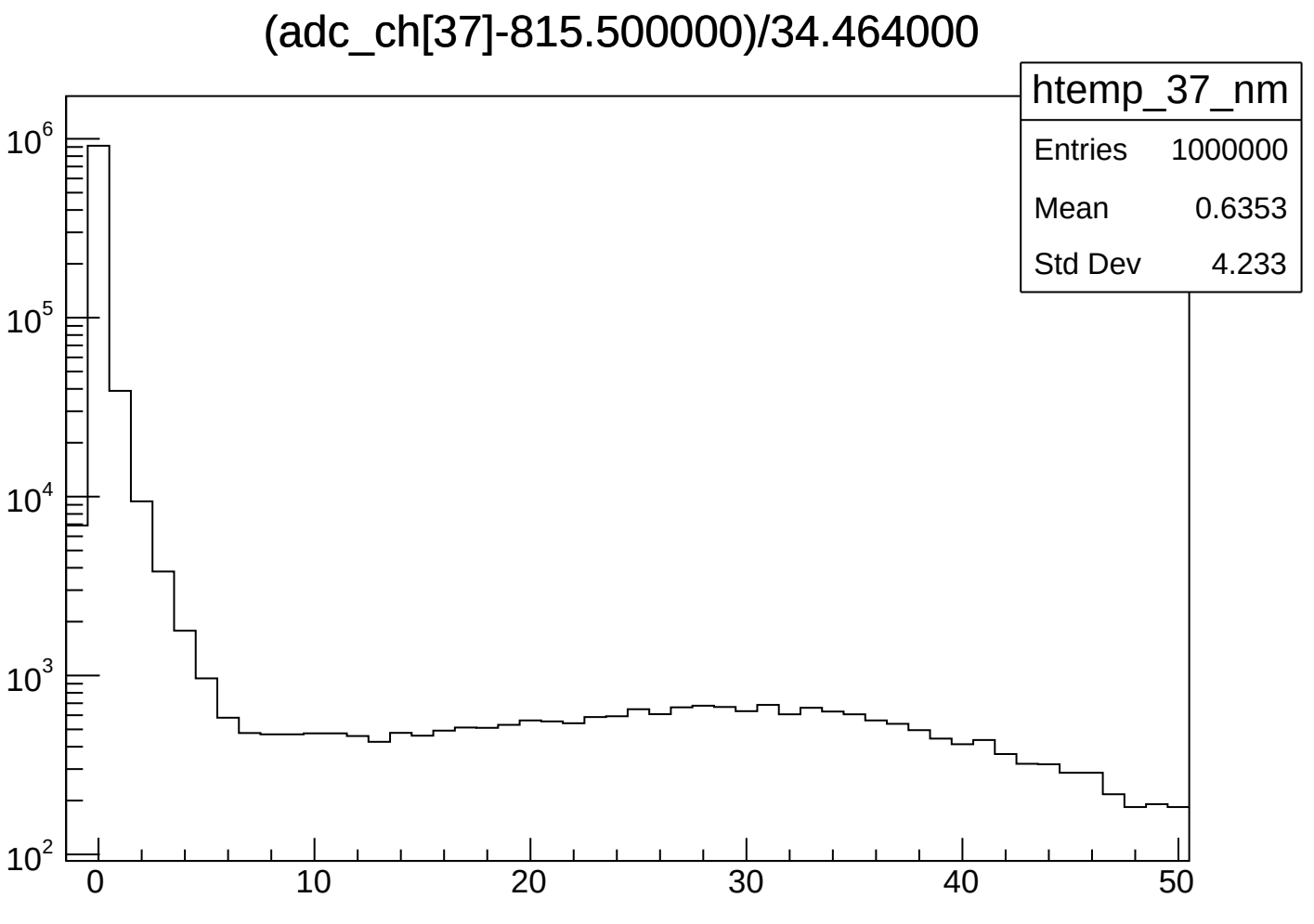

(adc_ch[35]-825.500000)/35.041000
htemp_35_nm
Entries 1000000
Mean 0.557
Std Dev 3.874
χ² / ndf 65.54 / 23
Constant 868.5 ± 9.2
Mean 22.15 ± 0.15
Sigma 11.86 ± 0.27
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

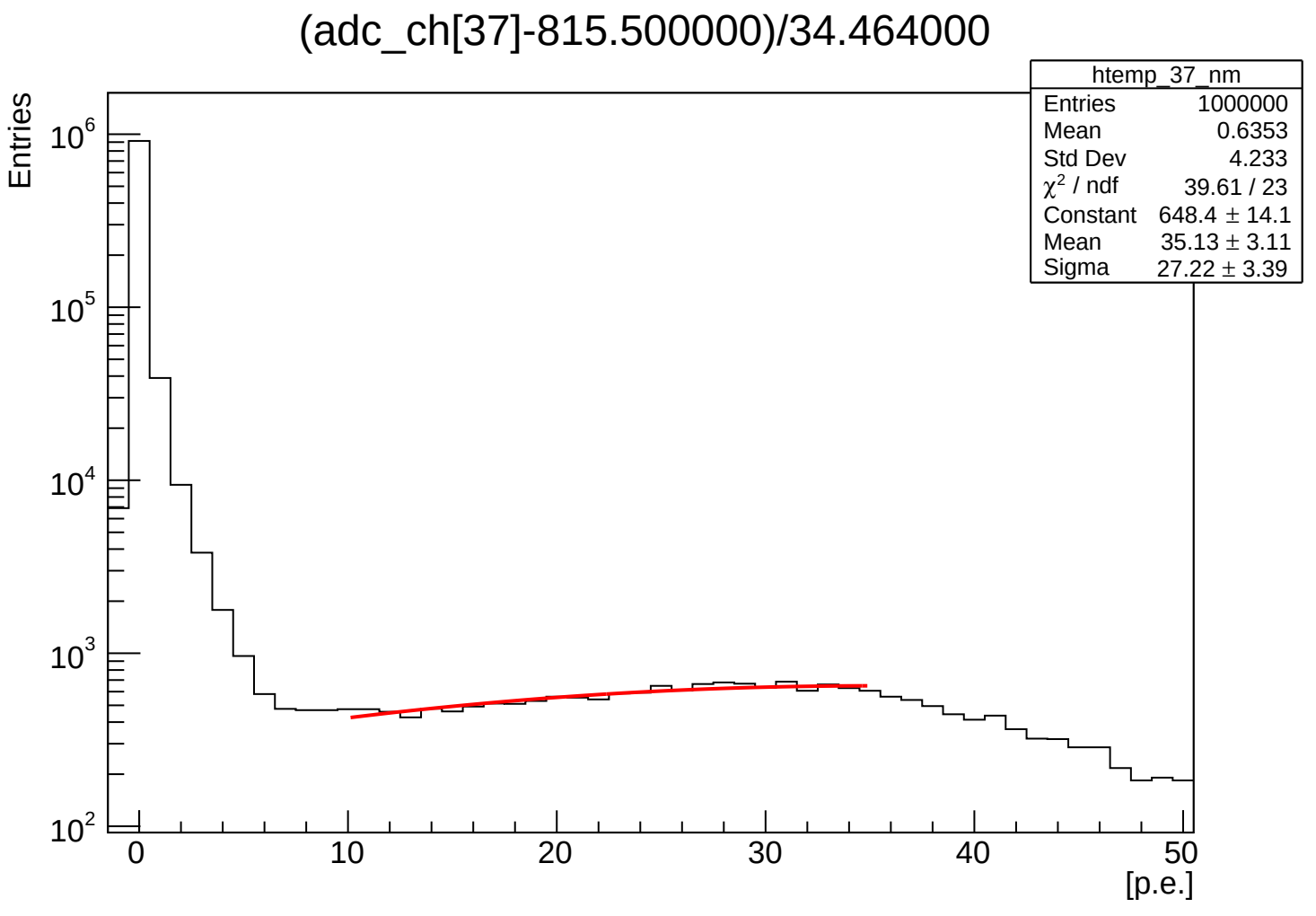

adc_ch[36]
htemp_36
Entries 1000000
Mean 842.7
Std Dev 142.7
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

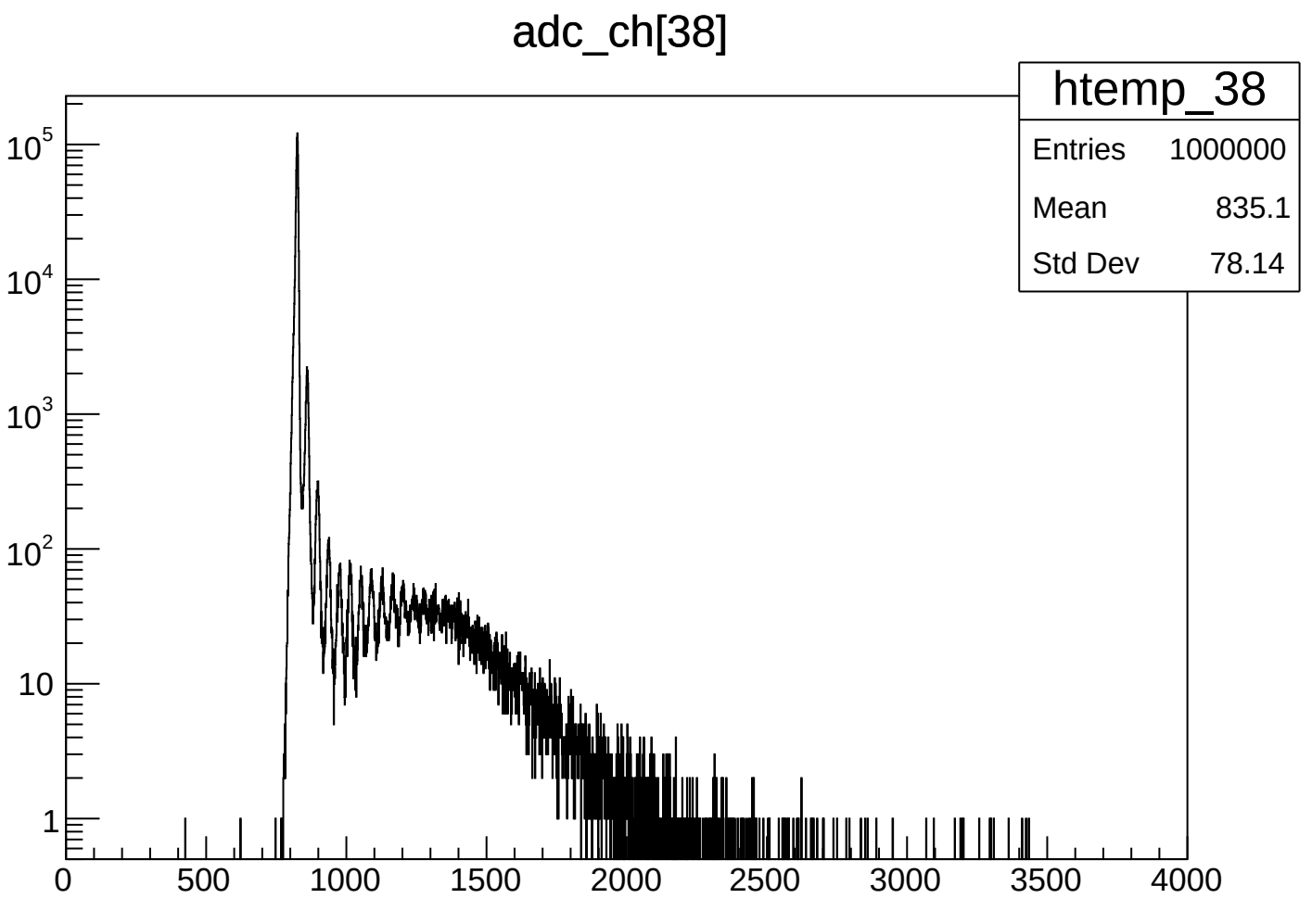

(adc_ch[36]-823.500000)/0.000000
htemp_36_nm
Entries 1000000
Mean 0
Std Dev 0
10^6
10^5
10^4
10^3
0
10
20
30
40
50

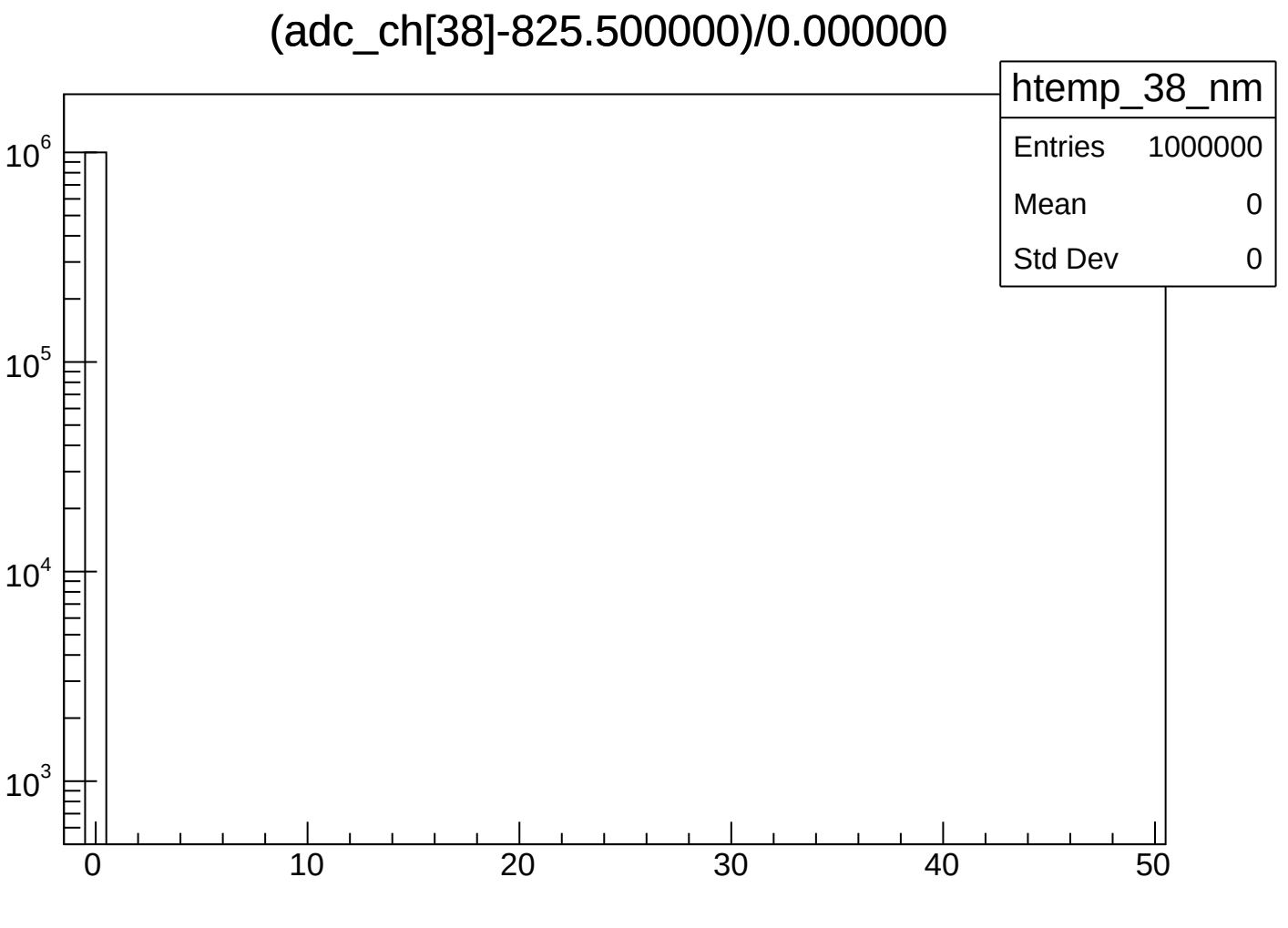

(adc_ch[36]-823.500000)/0.000000
htemp_36_nm
Entries 1000000
Mean 0
Std Dev 0
Entries
10^6
10^5
10^4
10^3
0
10
20
30
40
50
[p.e.]

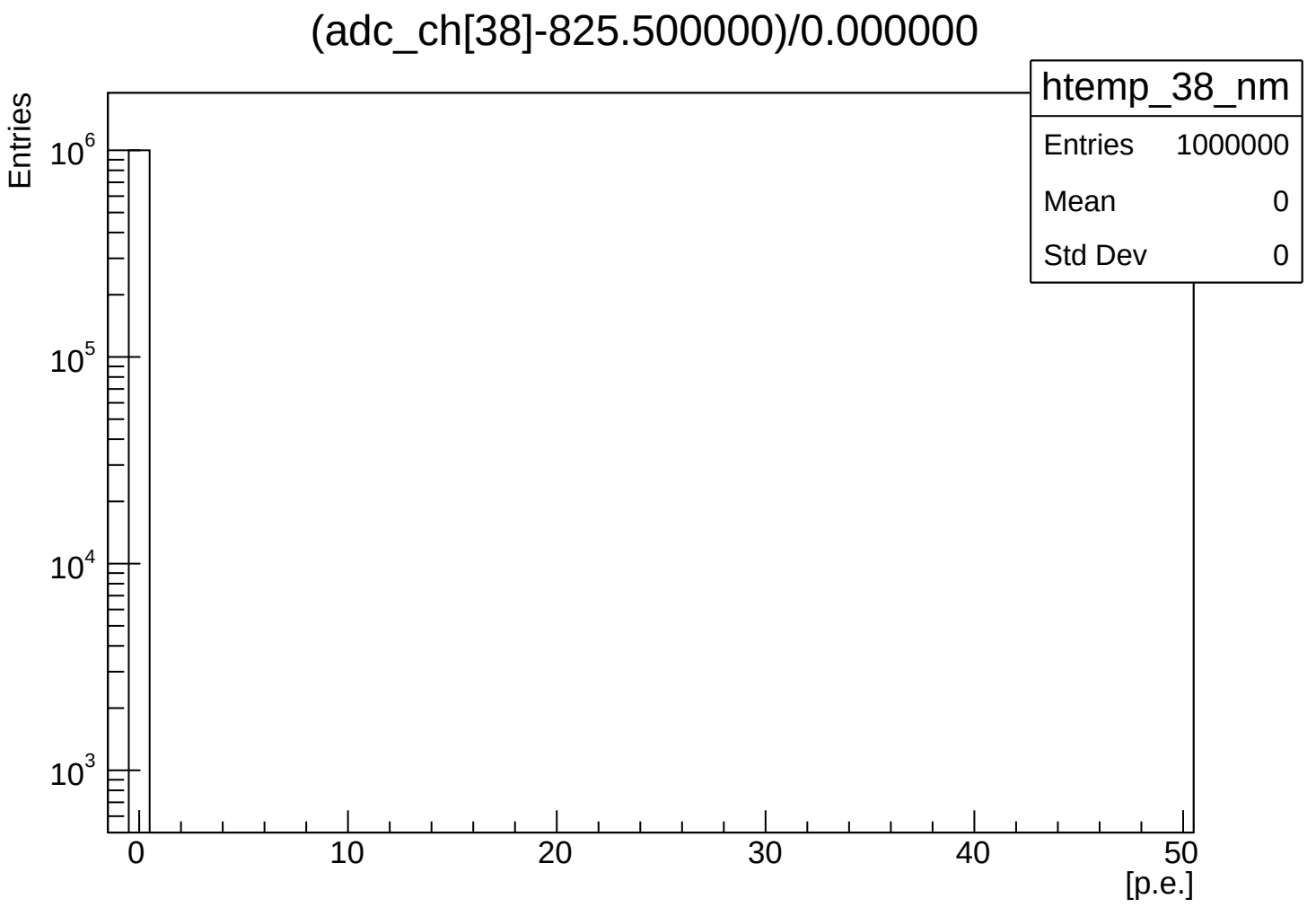

adc_ch[37]
htemp_37
Entries 1000000
Mean 840.8
Std Dev 167.9
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

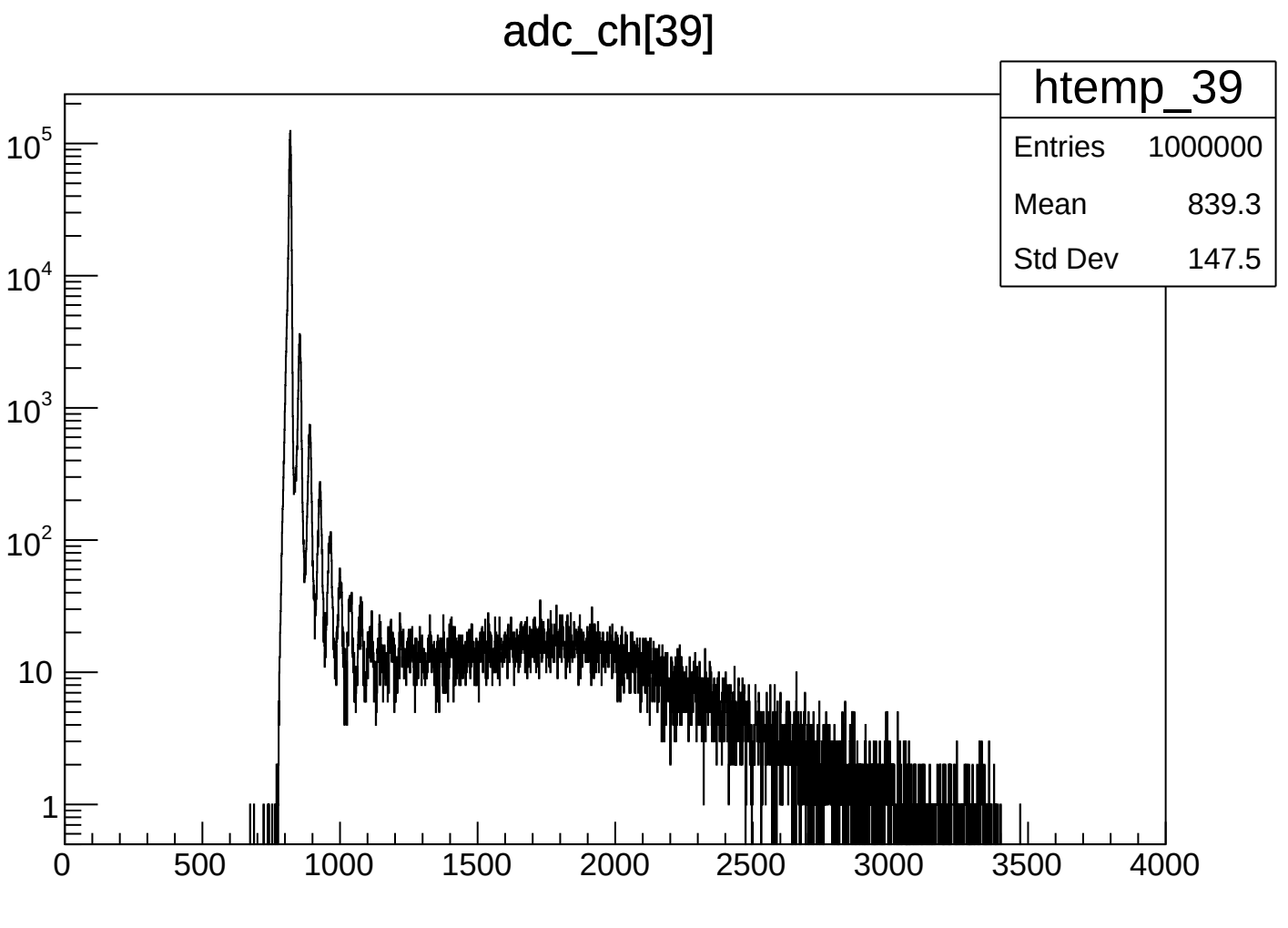

(adc_ch[37]-815.500000)/34.464000
htemp_37_nm
Entries 1000000
Mean 0.6353
Std Dev 4.233
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

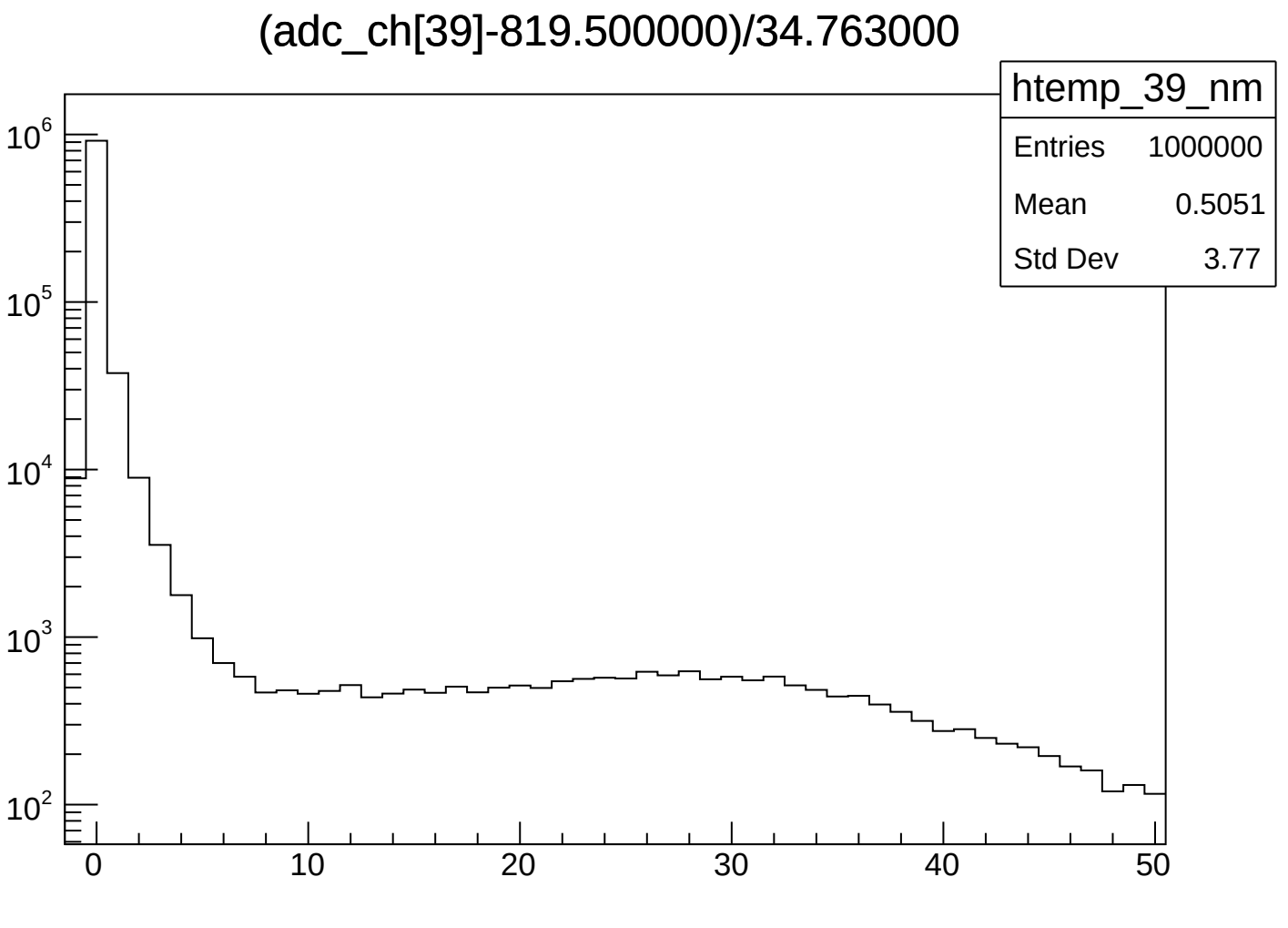

(adc_ch[37]-815.500000)/34.464000
htemp_37_nm
Entries 1000000
Mean 0.6353
Std Dev 4.233
χ² / ndf 39.61 / 23
Constant 648.4 ± 14.1
Mean 35.13 ± 3.11
Sigma 27.22 ± 3.39
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

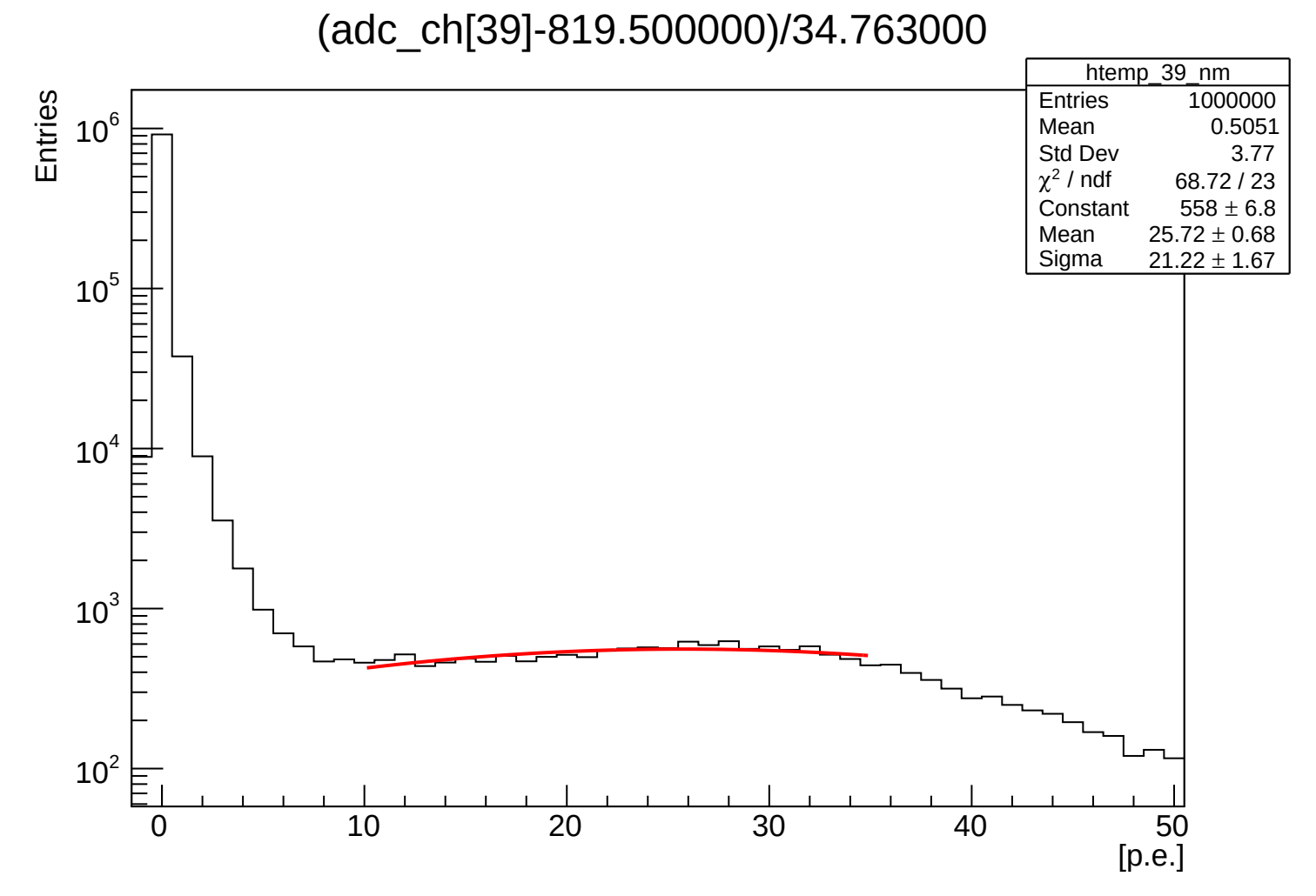

adc_ch[38]
htemp_38
Entries 1000000
Mean 835.1
Std Dev 78.14
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

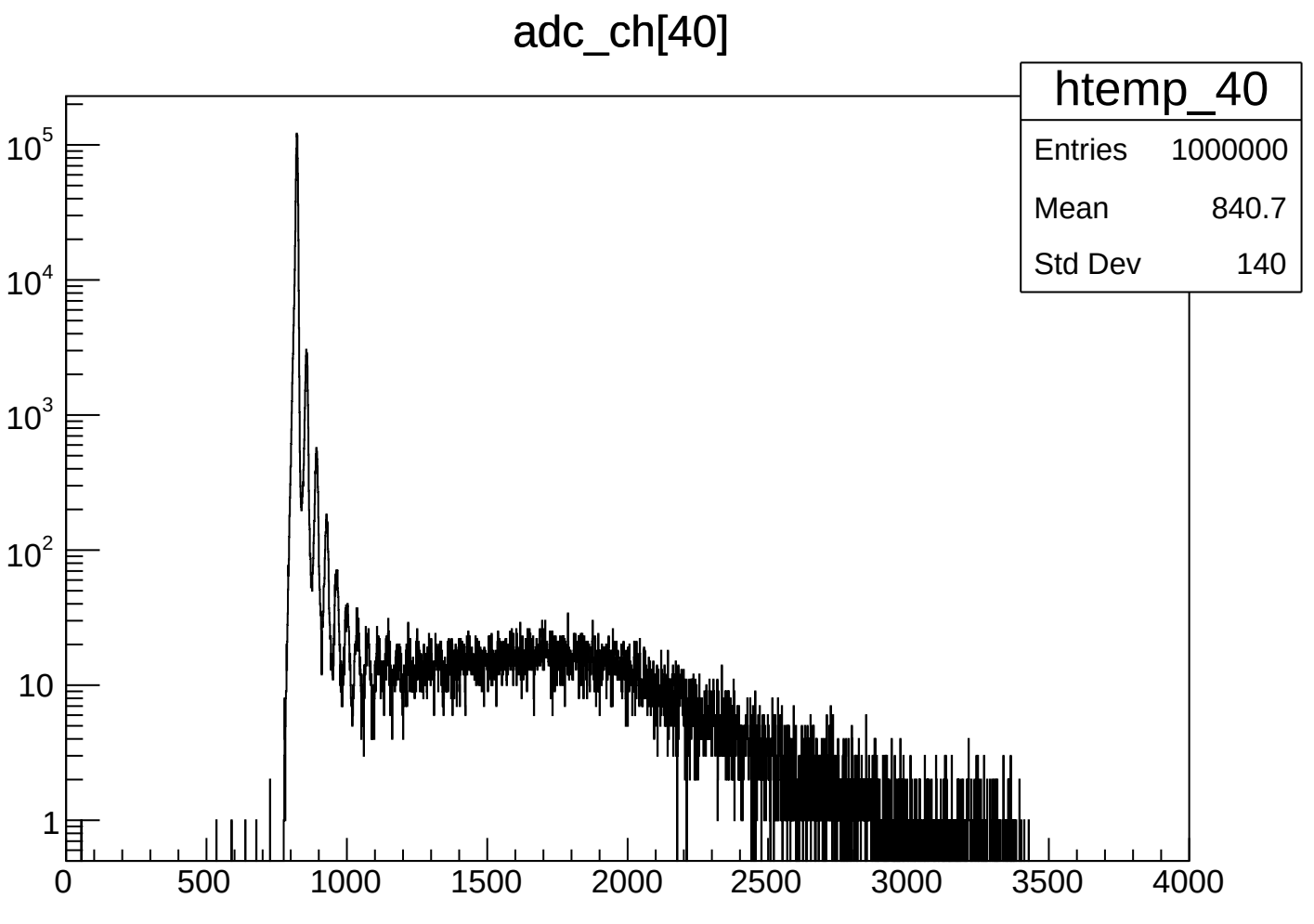

(adc_ch[38]-825.500000)/0.000000
htemp_38_nm
Entries 1000000
Mean 0
Std Dev 0
10^6
10^5
10^4
10^3
0
10
20
30
40
50

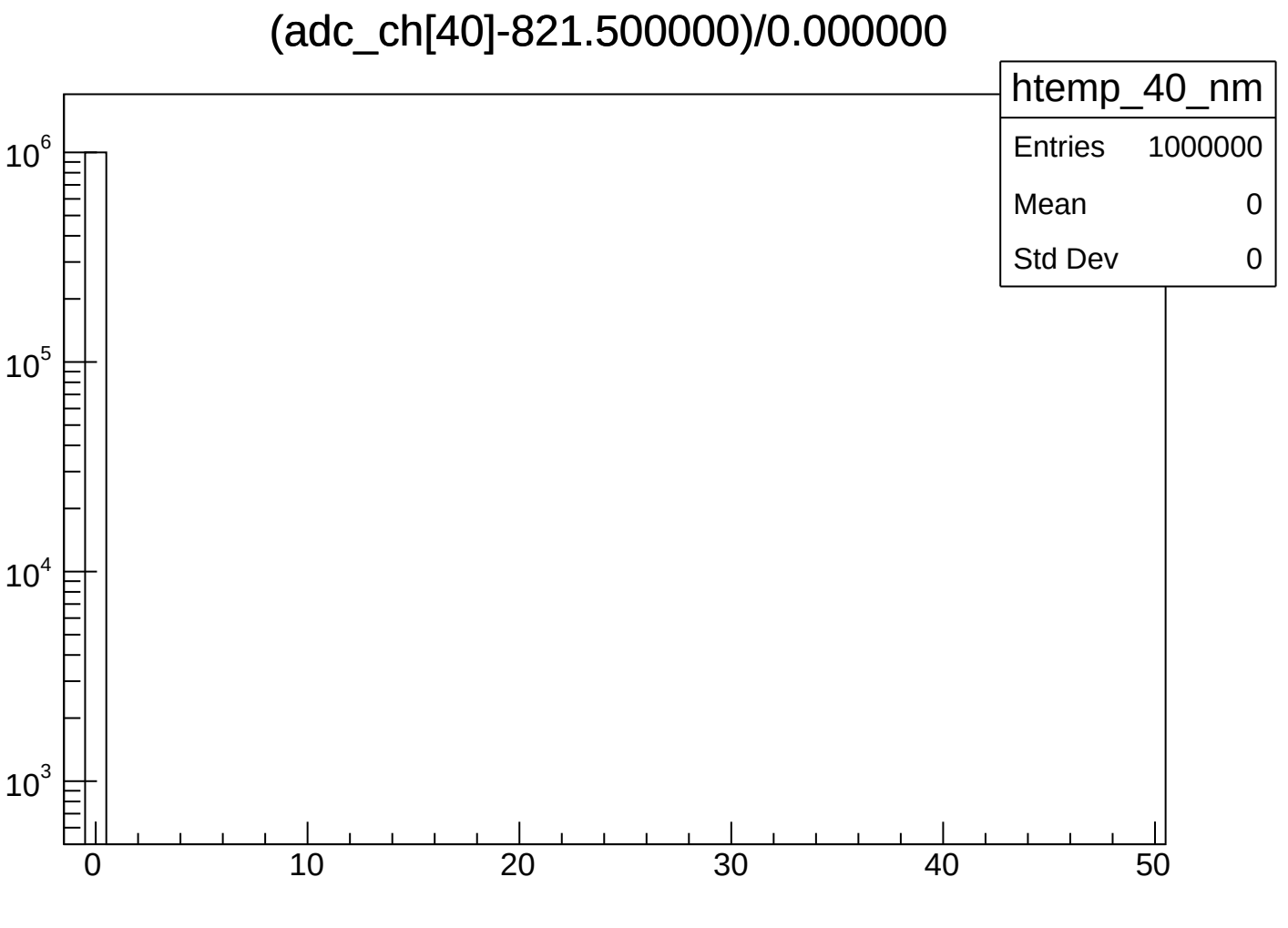

(adc_ch[38]-825.500000)/0.000000
htemp_38_nm
Entries 1000000
Mean 0
Std Dev 0
Entries
10^6
10^5
10^4
10^3
0
10
20
30
40
50
[p.e.]

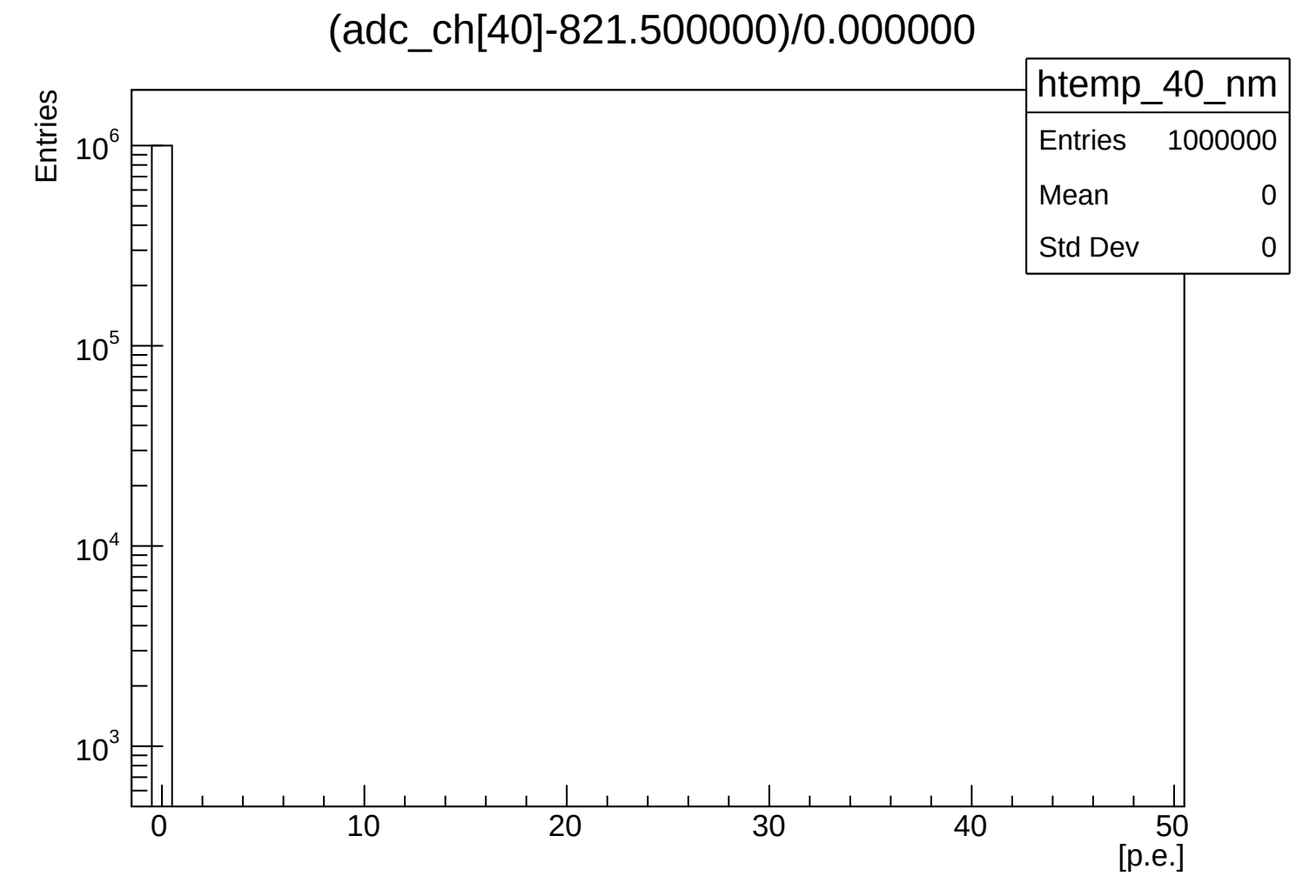

adc_ch[39]
htemp_39
Entries 1000000
Mean 839.3
Std Dev 147.5
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

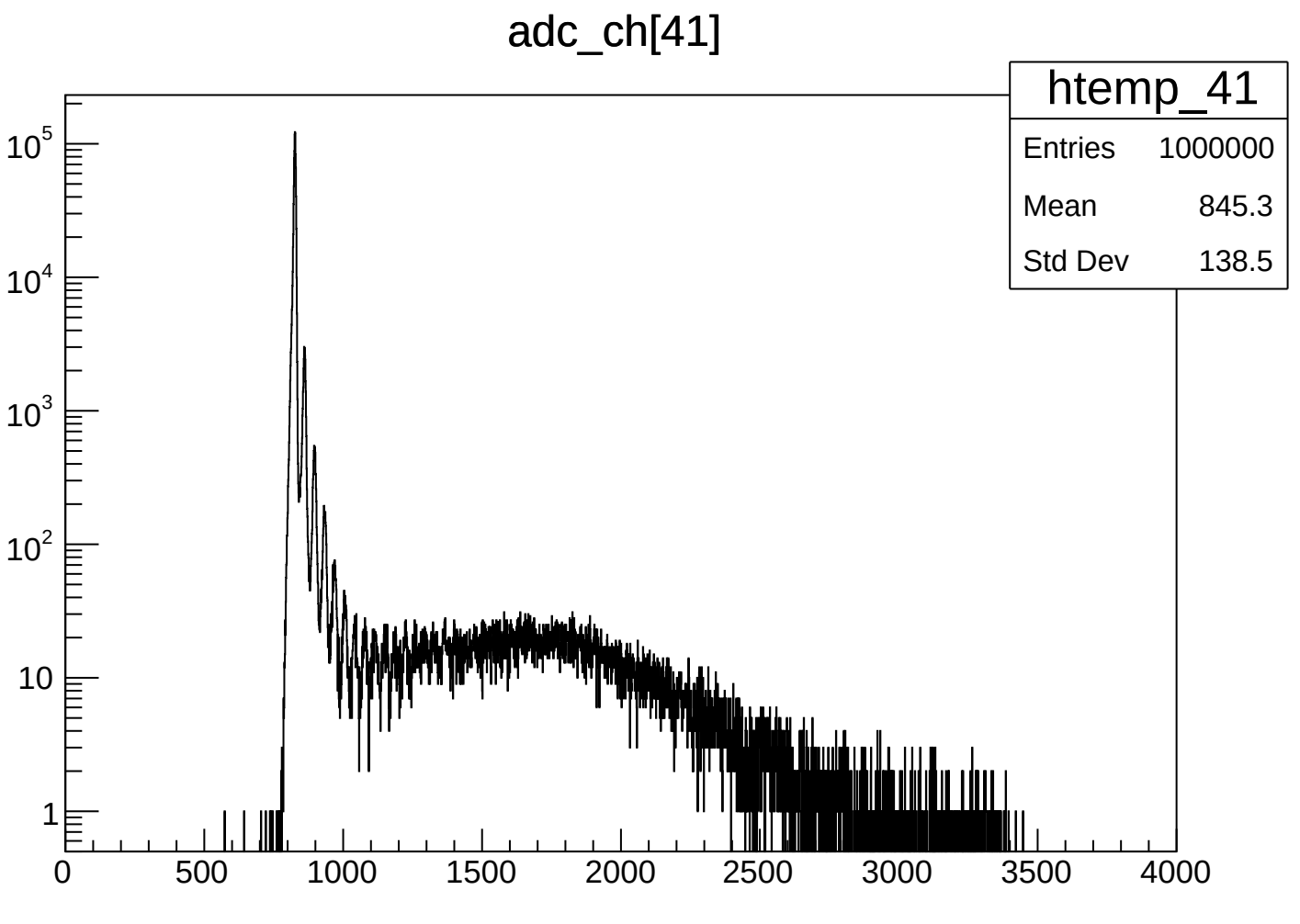

(adc_ch[39]-819.500000)/34.763000
htemp_39_nm
Entries 1000000
Mean 0.5051
Std Dev 3.77
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

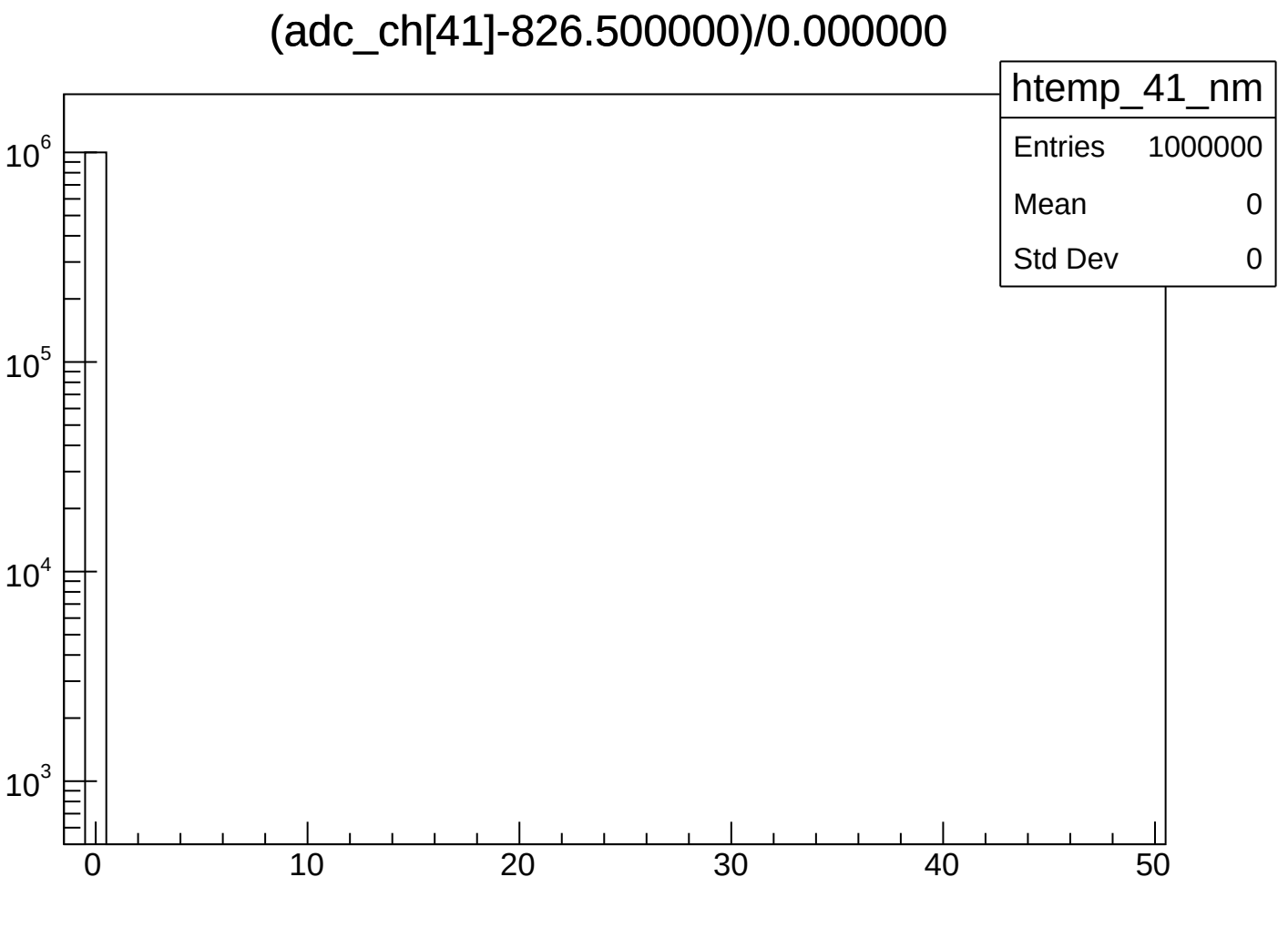

(adc_ch[39]-819.500000)/34.763000
htemp_39_nm
Entries 1000000
Mean 0.5051
Std Dev 3.77
χ² / ndf 68.72 / 23
Constant 558 ± 6.8
Mean 25.72 ± 0.68
Sigma 21.22 ± 1.67
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

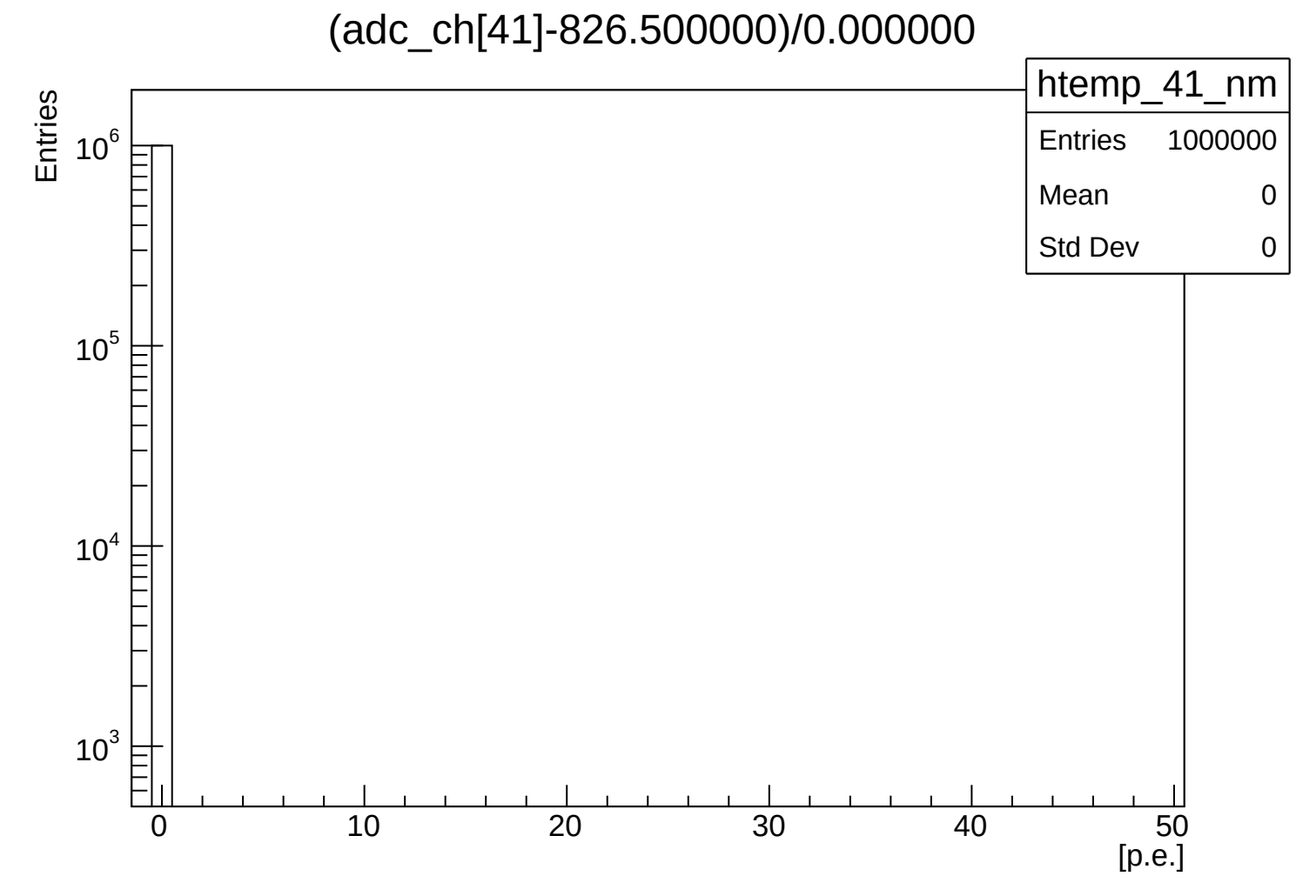

adc_ch[40]
htemp_40
Entries 1000000
Mean 840.7
Std Dev 140
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

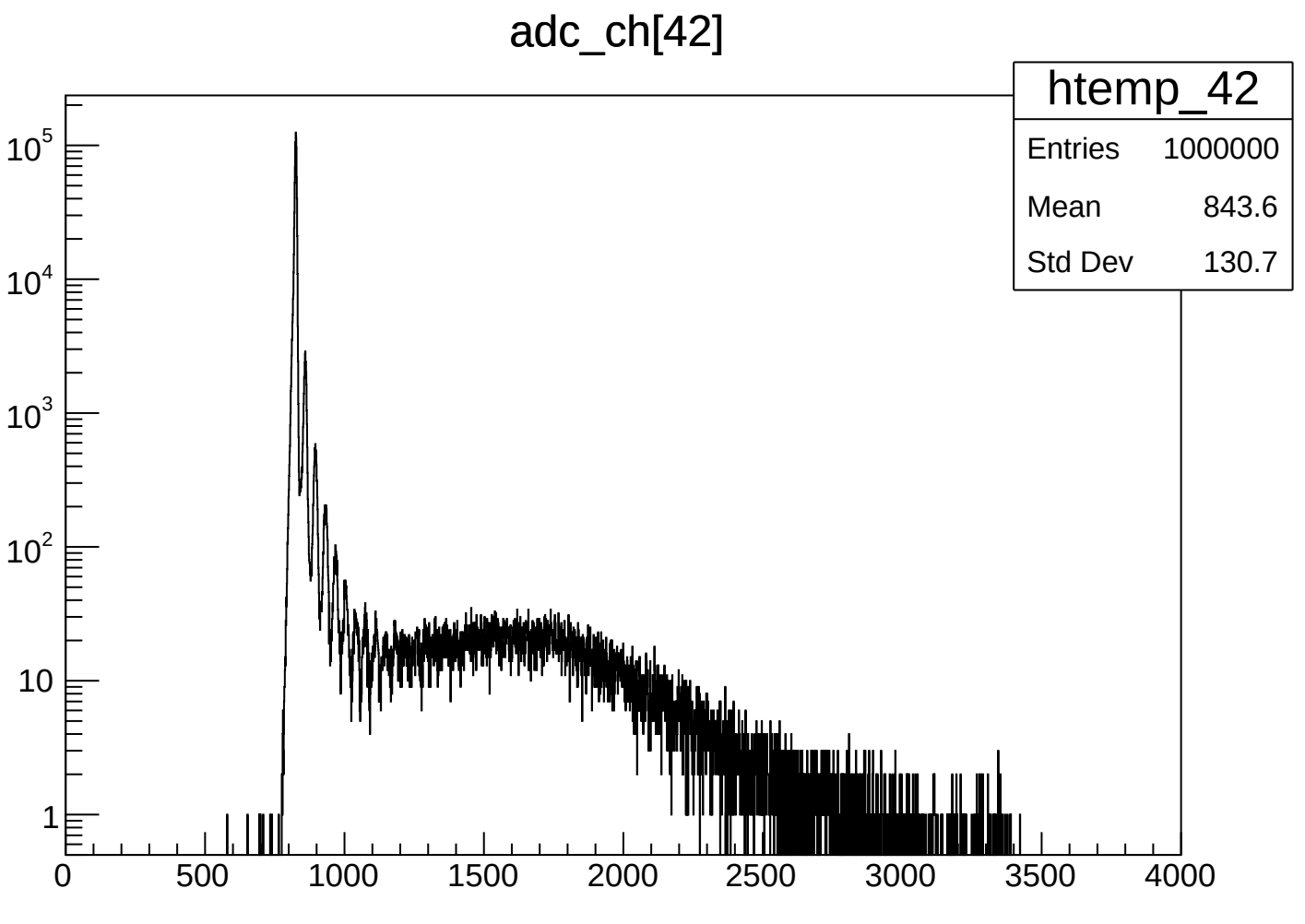

(adc_ch[40]-821.500000)/0.000000
htemp_40_nm
Entries 1000000
Mean 0
Std Dev 0
10^6
10^5
10^4
10^3
0
10
20
30
40
50

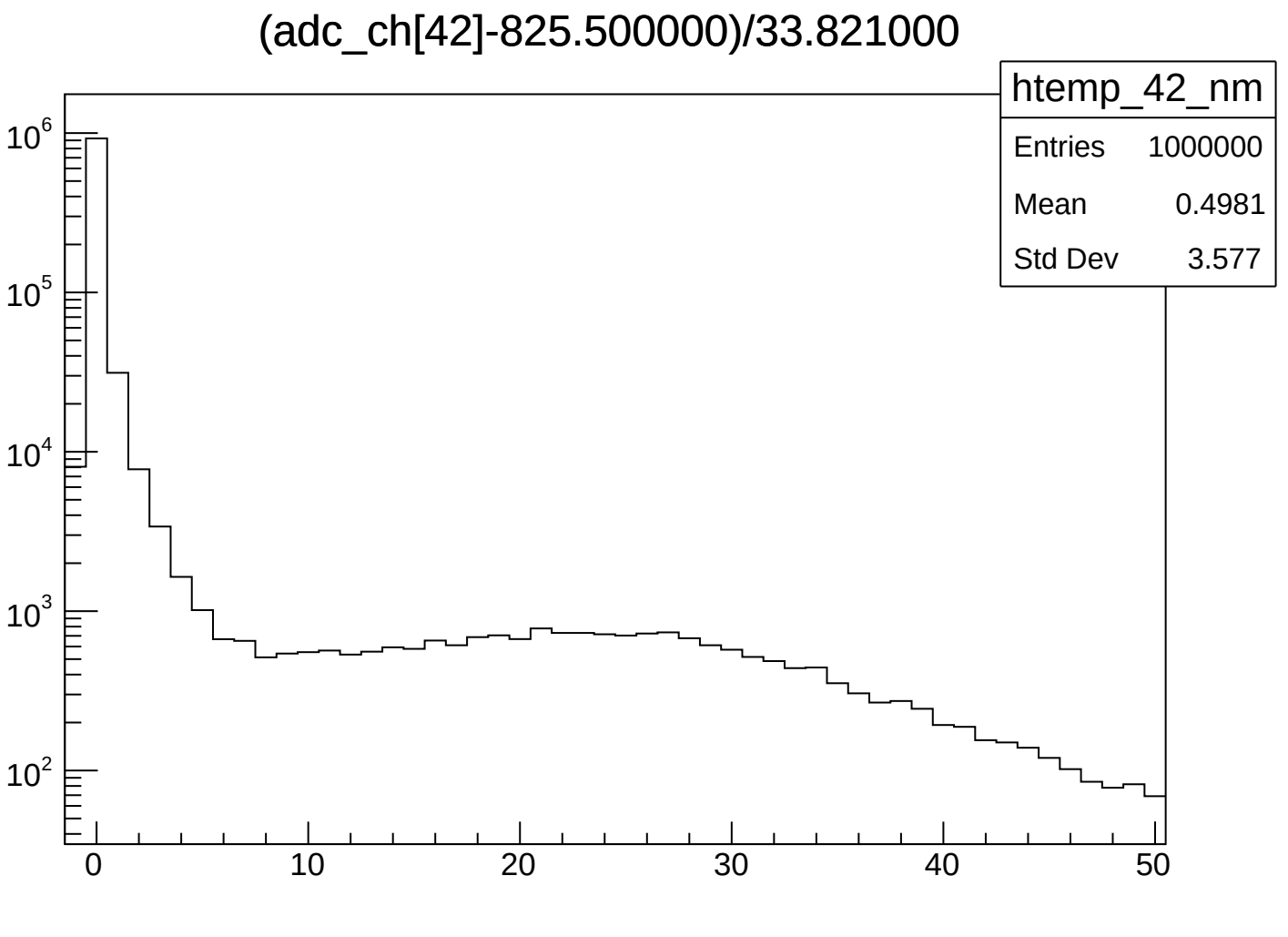

(adc_ch[40]-821.500000)/0.000000
htemp_40_nm
Entries 1000000
Mean 0
Std Dev 0
Entries
10^6
10^5
10^4
10^3
0
10
20
30
40
50
[p.e.]

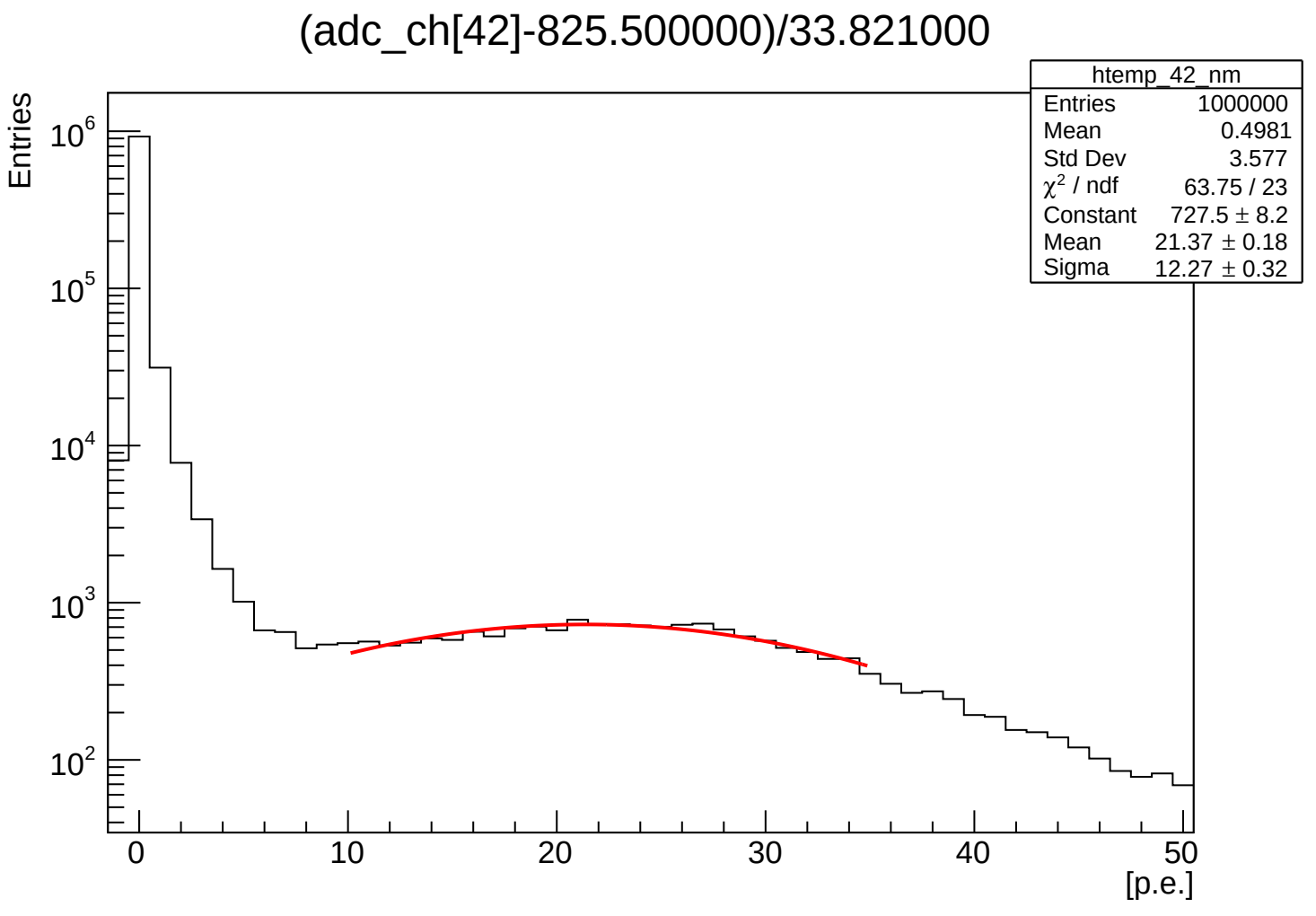

adc_ch[41]
htemp_41
Entries 1000000
Mean 845.3
Std Dev 138.5
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

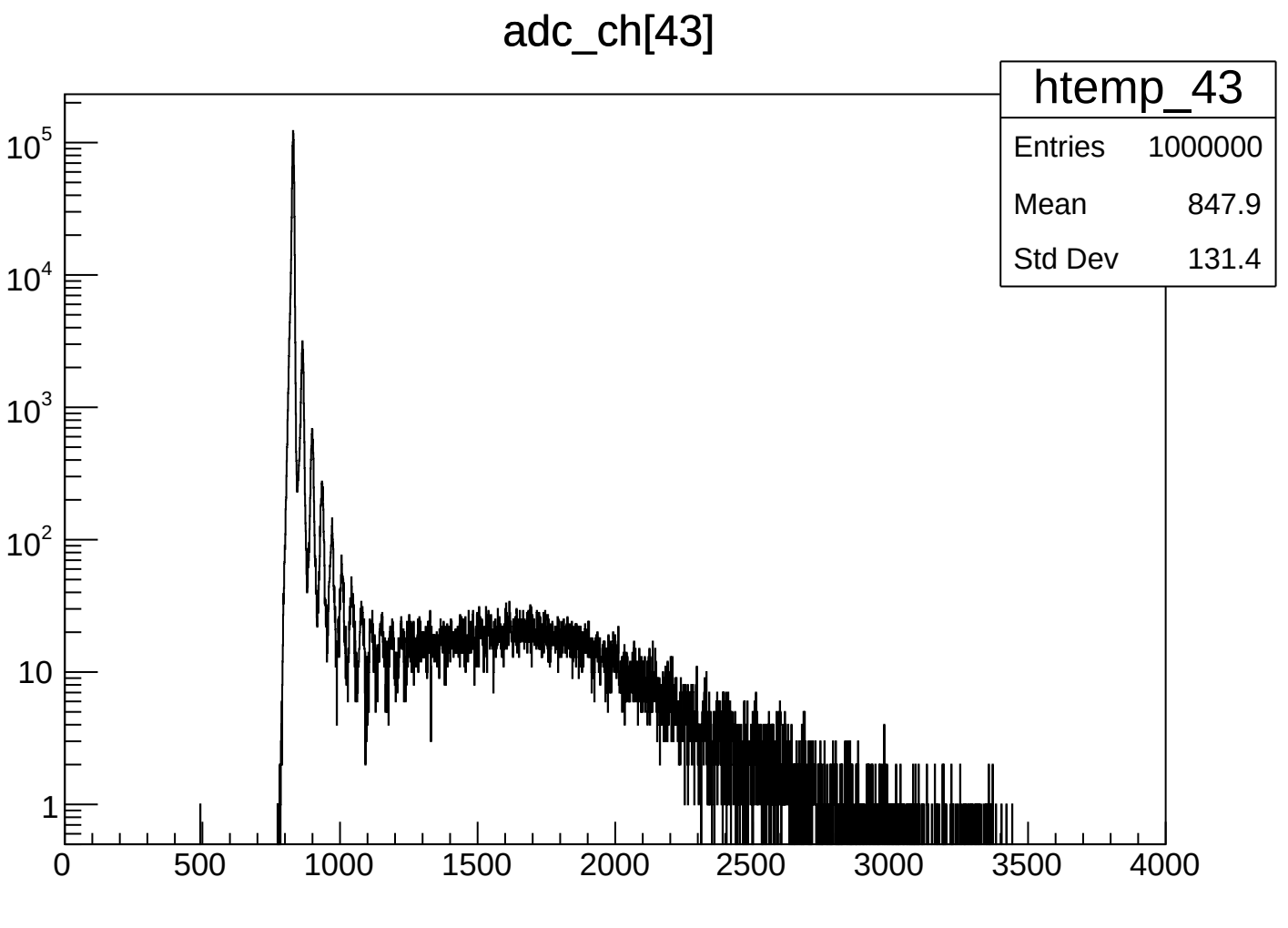

(adc_ch[41]-826.500000)/0.000000
htemp_41_nm
Entries 1000000
Mean 0
Std Dev 0
10^6
10^5
10^4
10^3
0
10
20
30
40
50

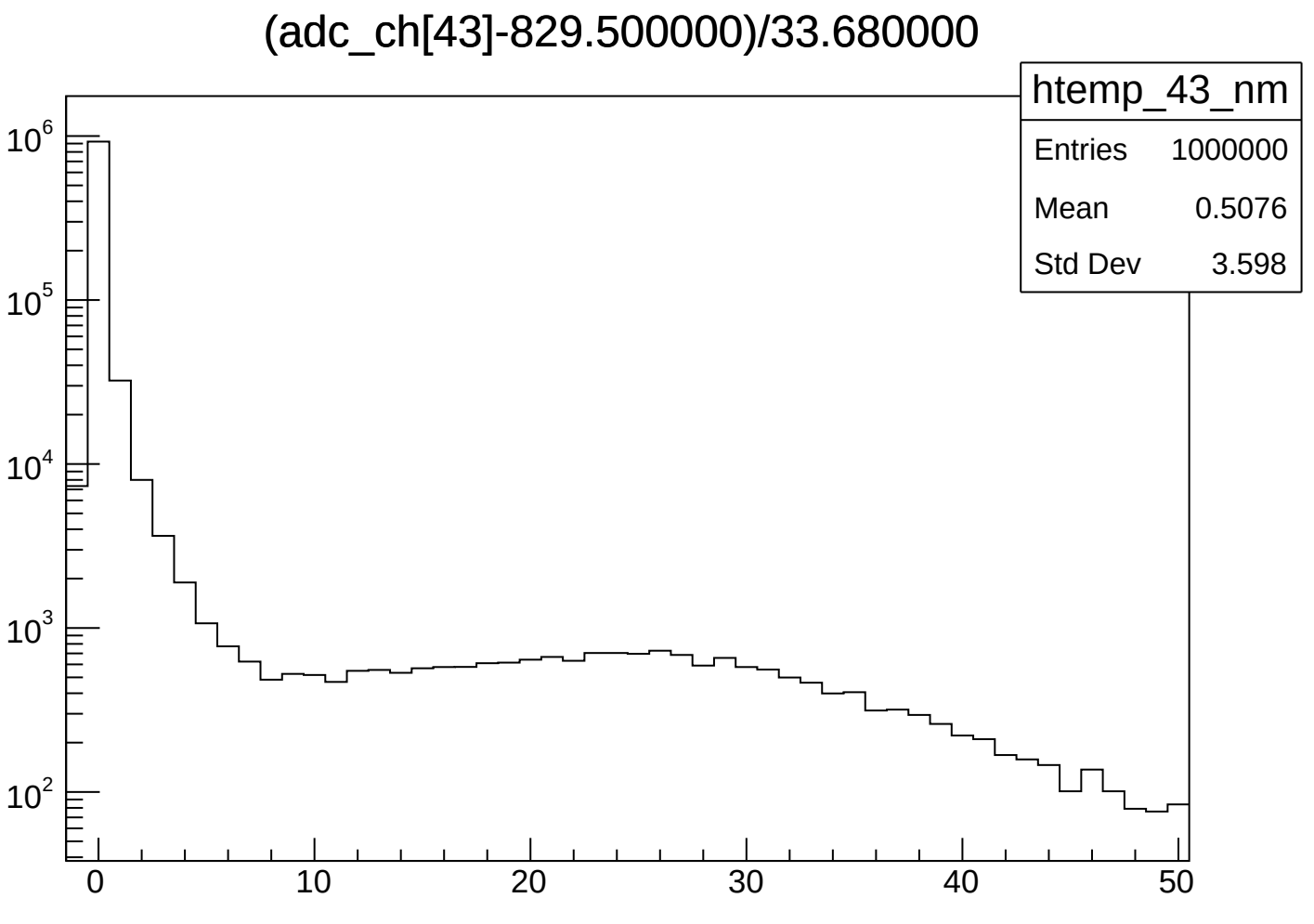

(adc_ch[41]-826.500000)/0.000000
htemp_41_nm
Entries 1000000
Mean 0
Std Dev 0
Entries
10^6
10^5
10^4
10^3
0
10
20
30
40
50
[p.e.]

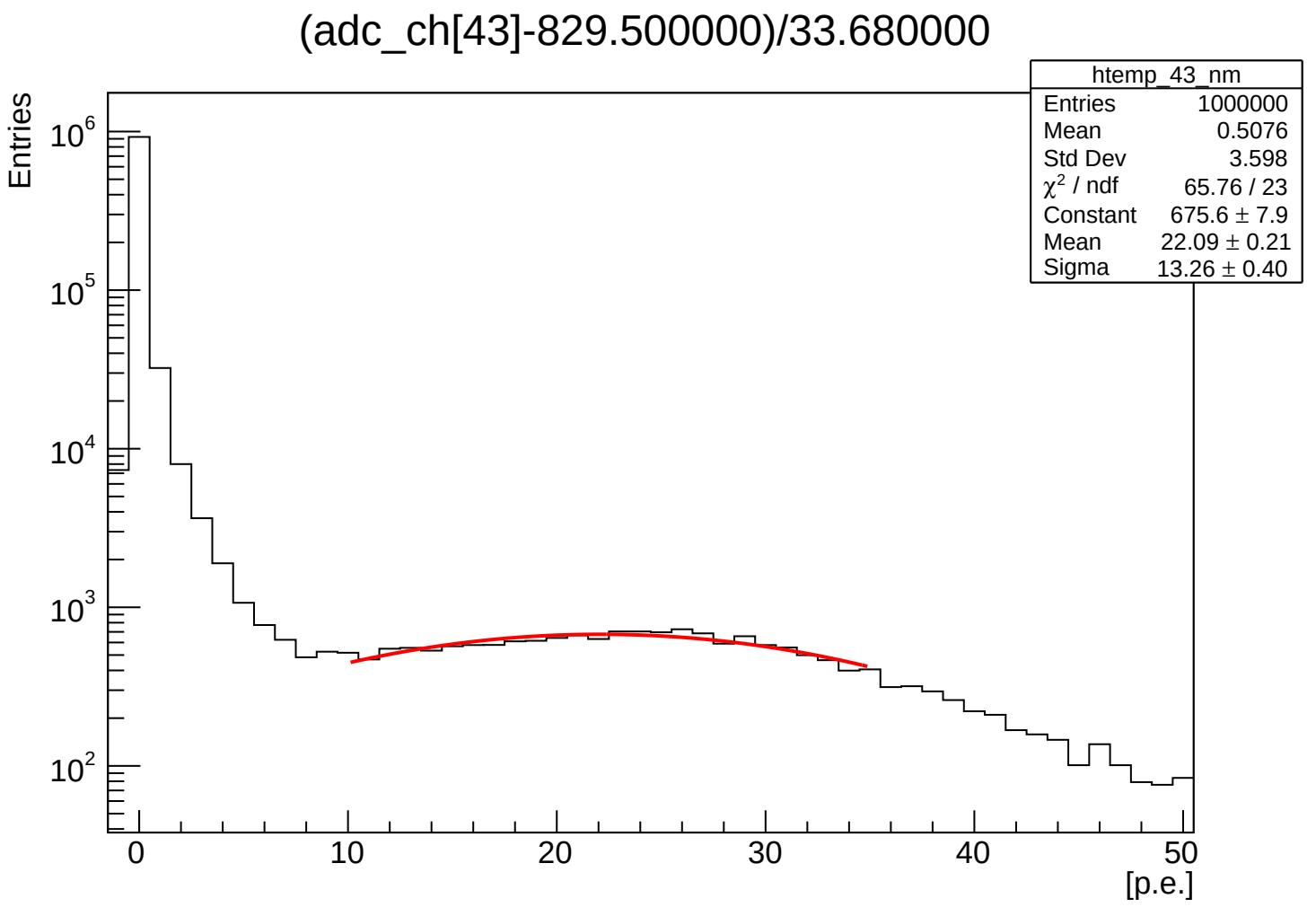

adc_ch[42]
htemp_42
Entries 1000000
Mean 843.6
Std Dev 130.7
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

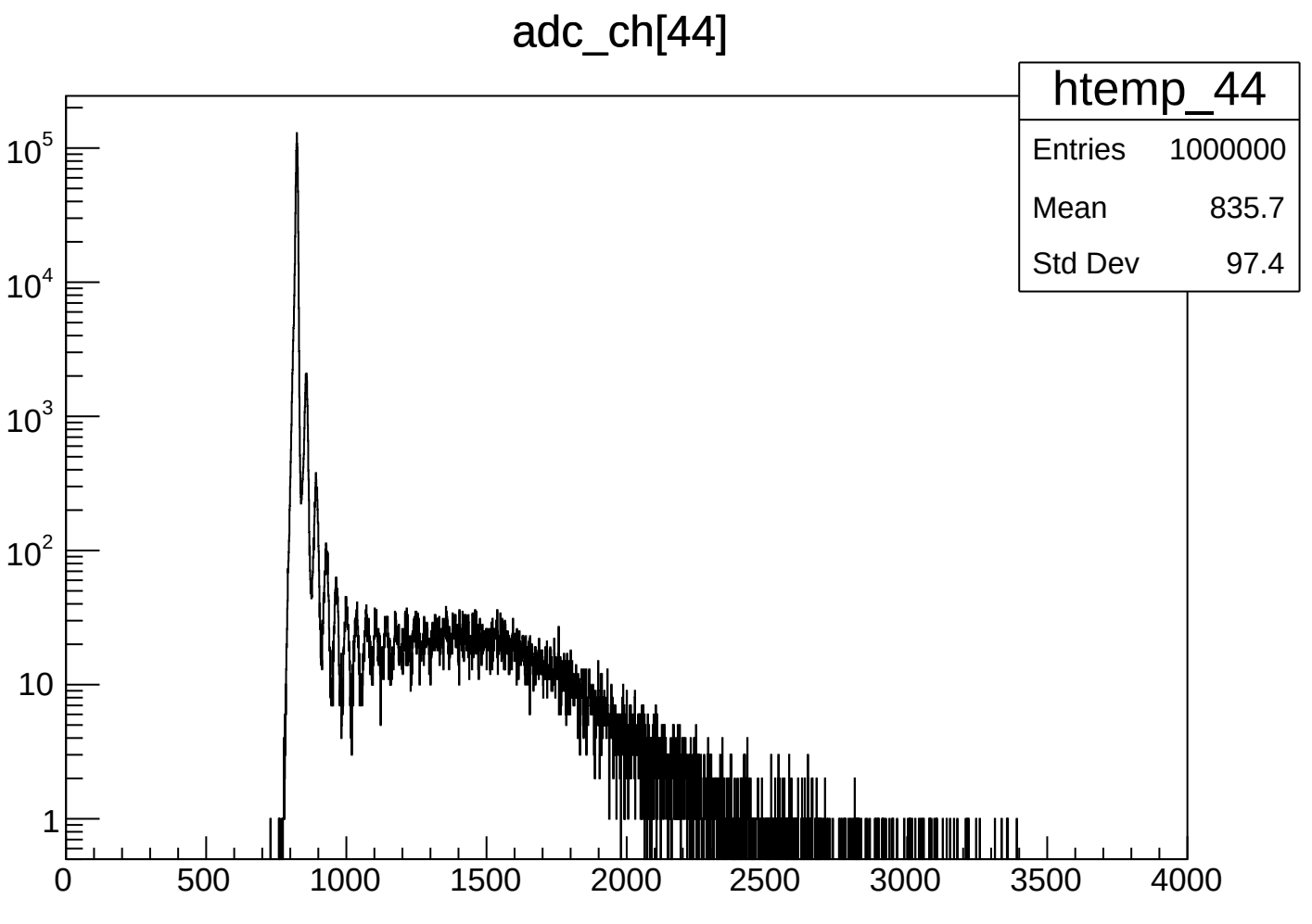

(adc_ch[42]-825.500000)/33.821000
htemp_42_nm
Entries 1000000
Mean 0.4981
Std Dev 3.577
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

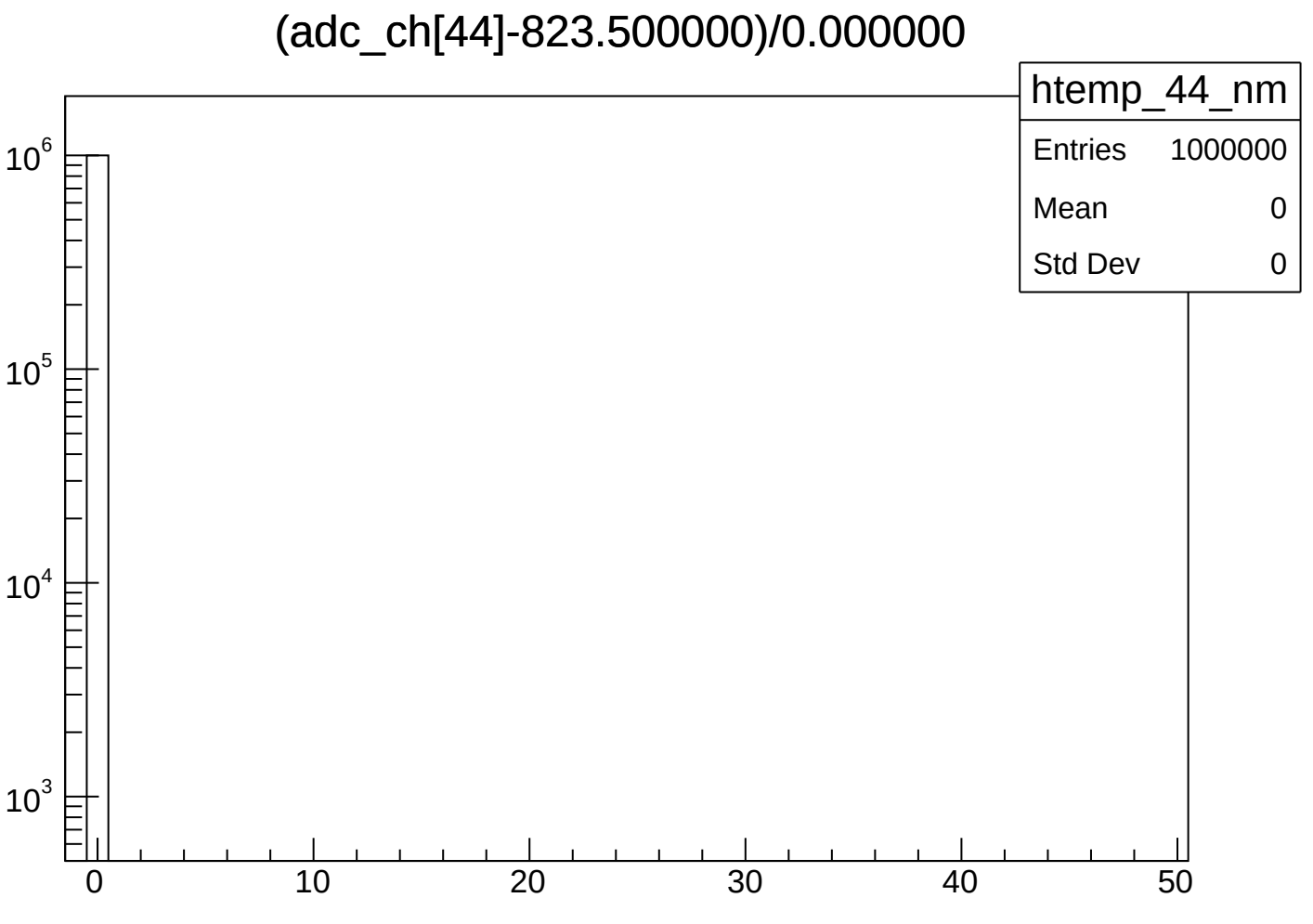

(adc_ch[42]-825.500000)/33.821000
htemp_42_nm
Entries 1000000
Mean 0.4981
Std Dev 3.577
χ² / ndf 63.75 / 23
Constant 727.5 ± 8.2
Mean 21.37 ± 0.18
Sigma 12.27 ± 0.32
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

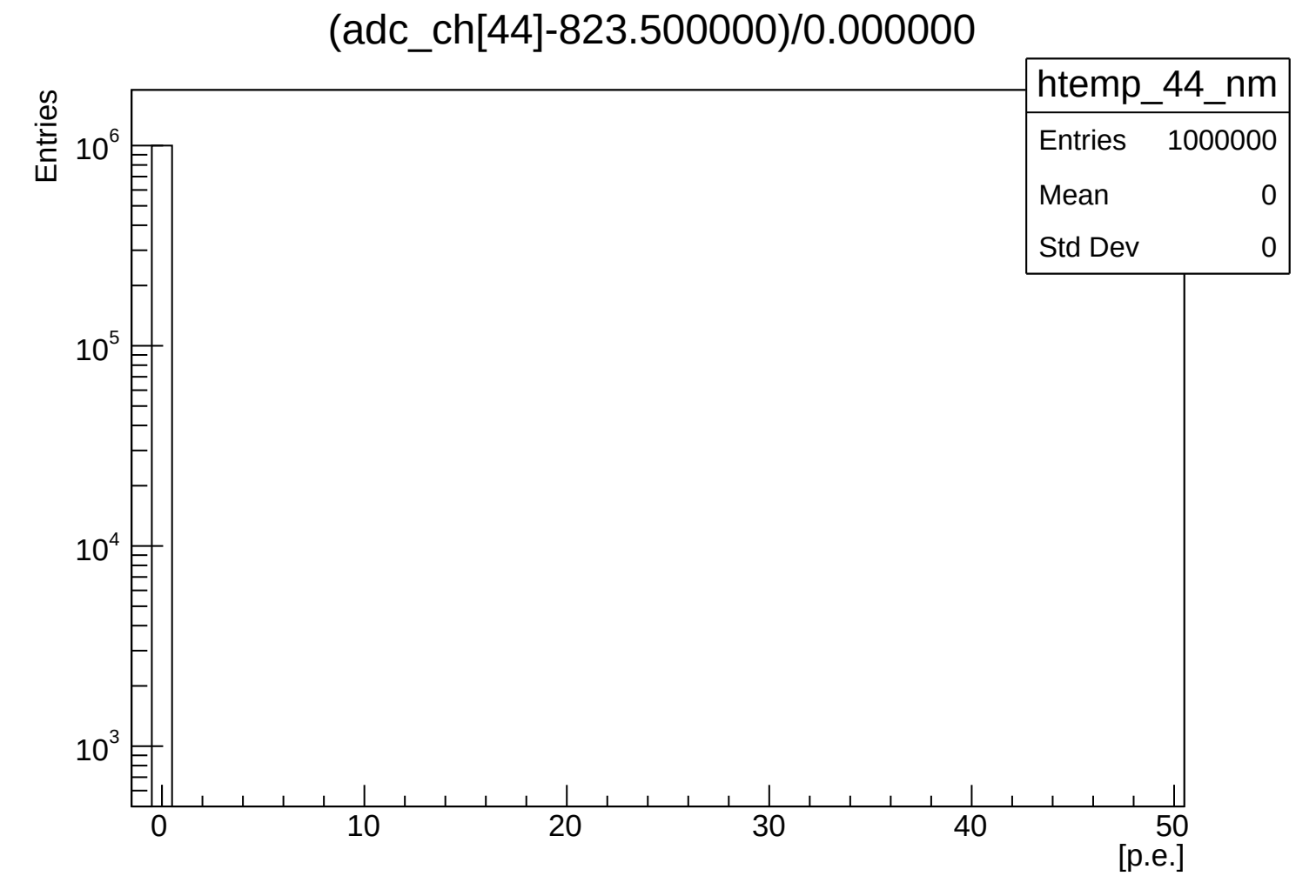

adc_ch[43]
htemp_43
Entries 1000000
Mean 847.9
Std Dev 131.4
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

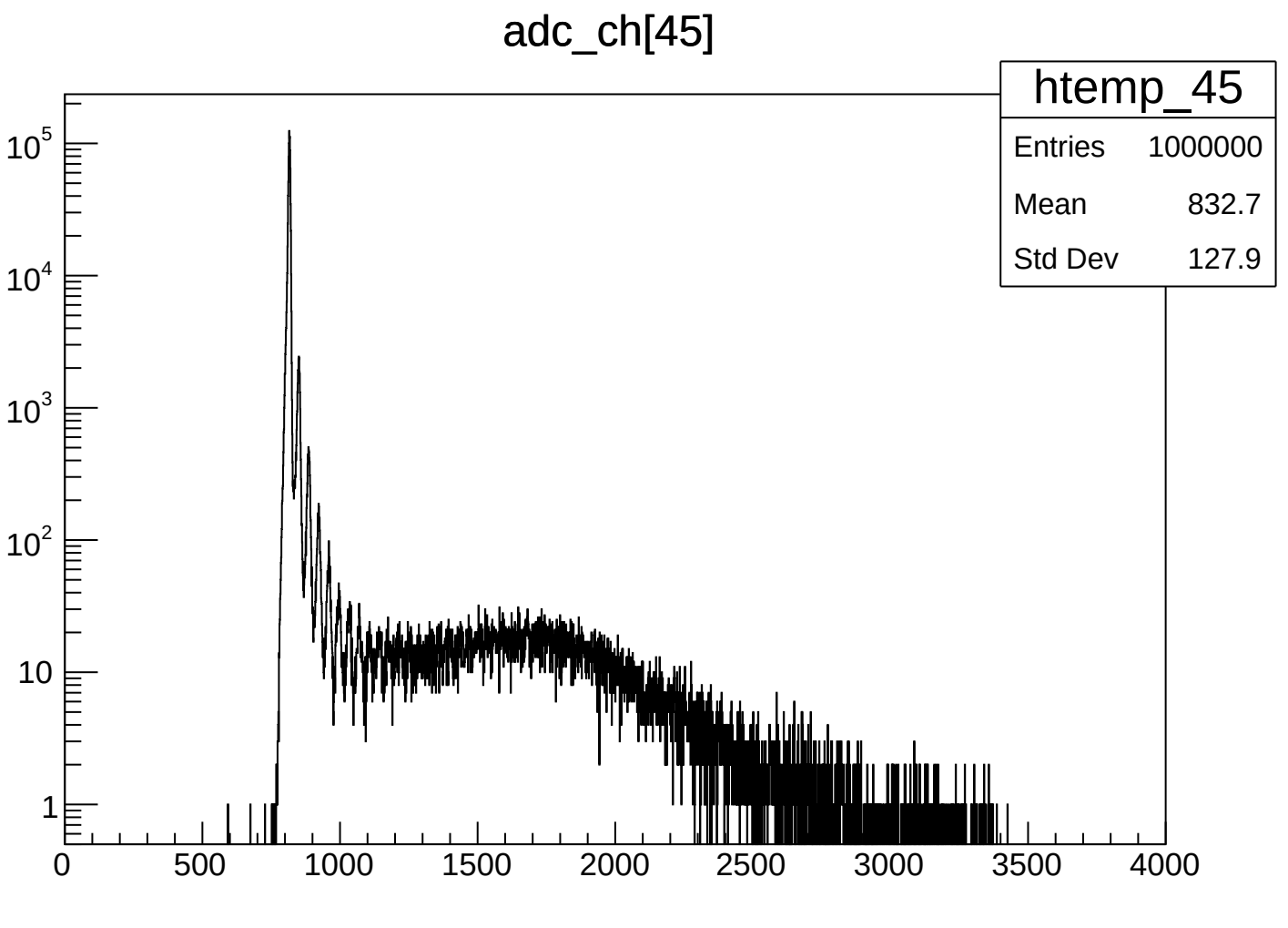

(adc_ch[43]-829.500000)/33.680000
htemp_43_nm
Entries 1000000
Mean 0.5076
Std Dev 3.598
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

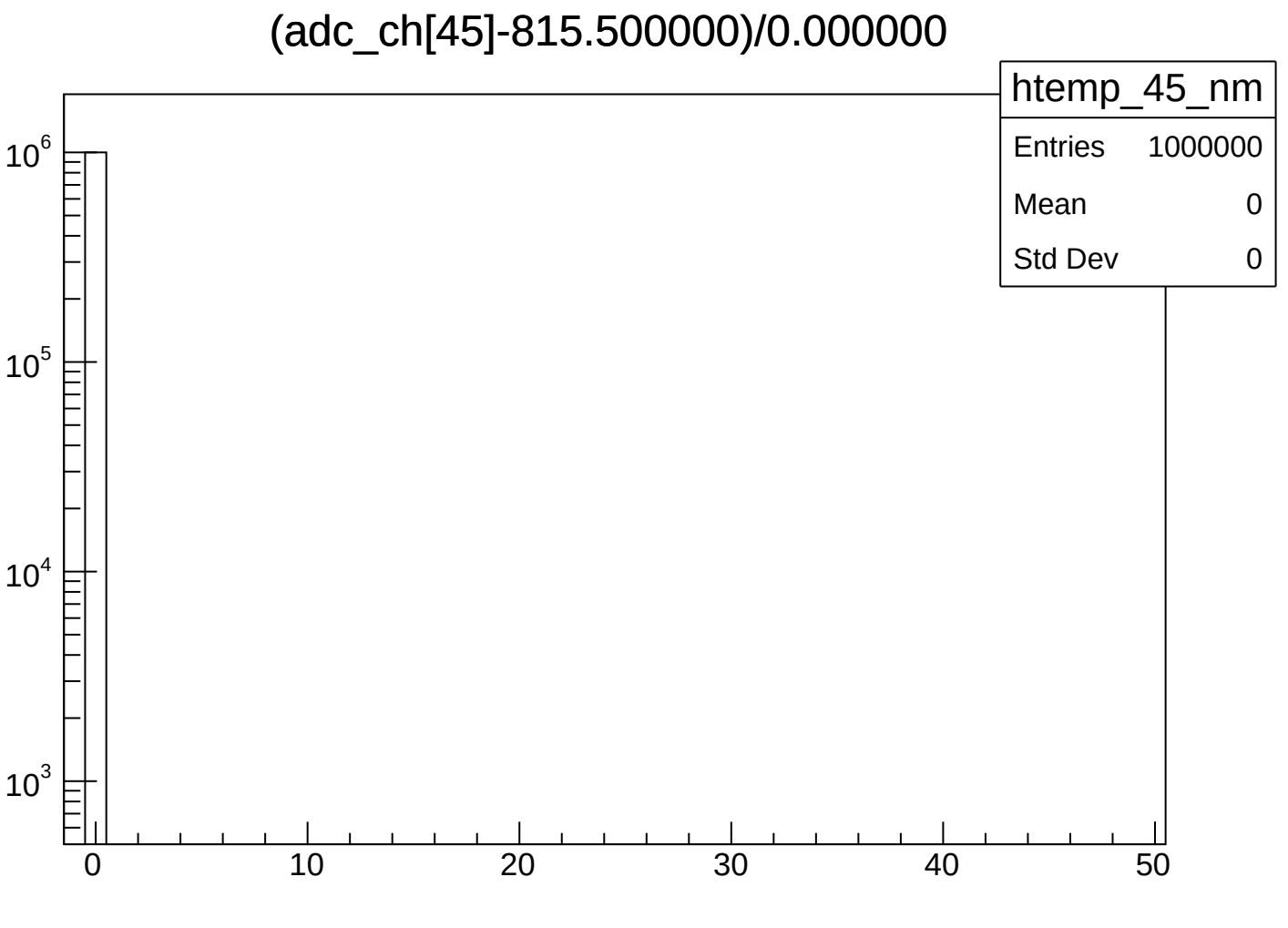

(adc_ch[43]-829.500000)/33.680000
htemp_43_nm
Entries 1000000
Mean 0.5076
Std Dev 3.598
χ² / ndf 65.76 / 23
Constant 675.6 ± 7.9
Mean 22.09 ± 0.21
Sigma 13.26 ± 0.40
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

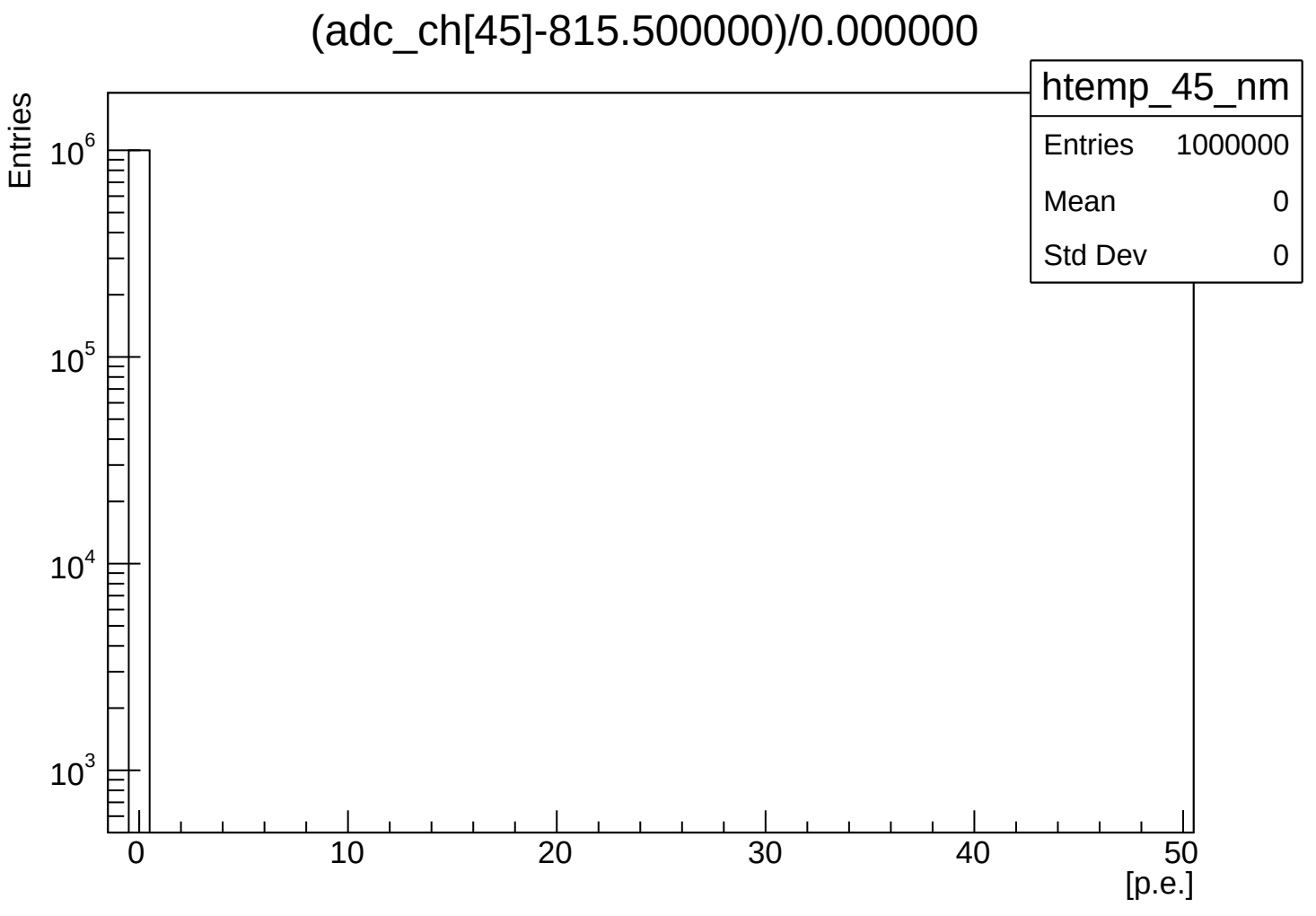

adc_ch[44]
htemp_44
Entries 1000000
Mean 835.7
Std Dev 97.4
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

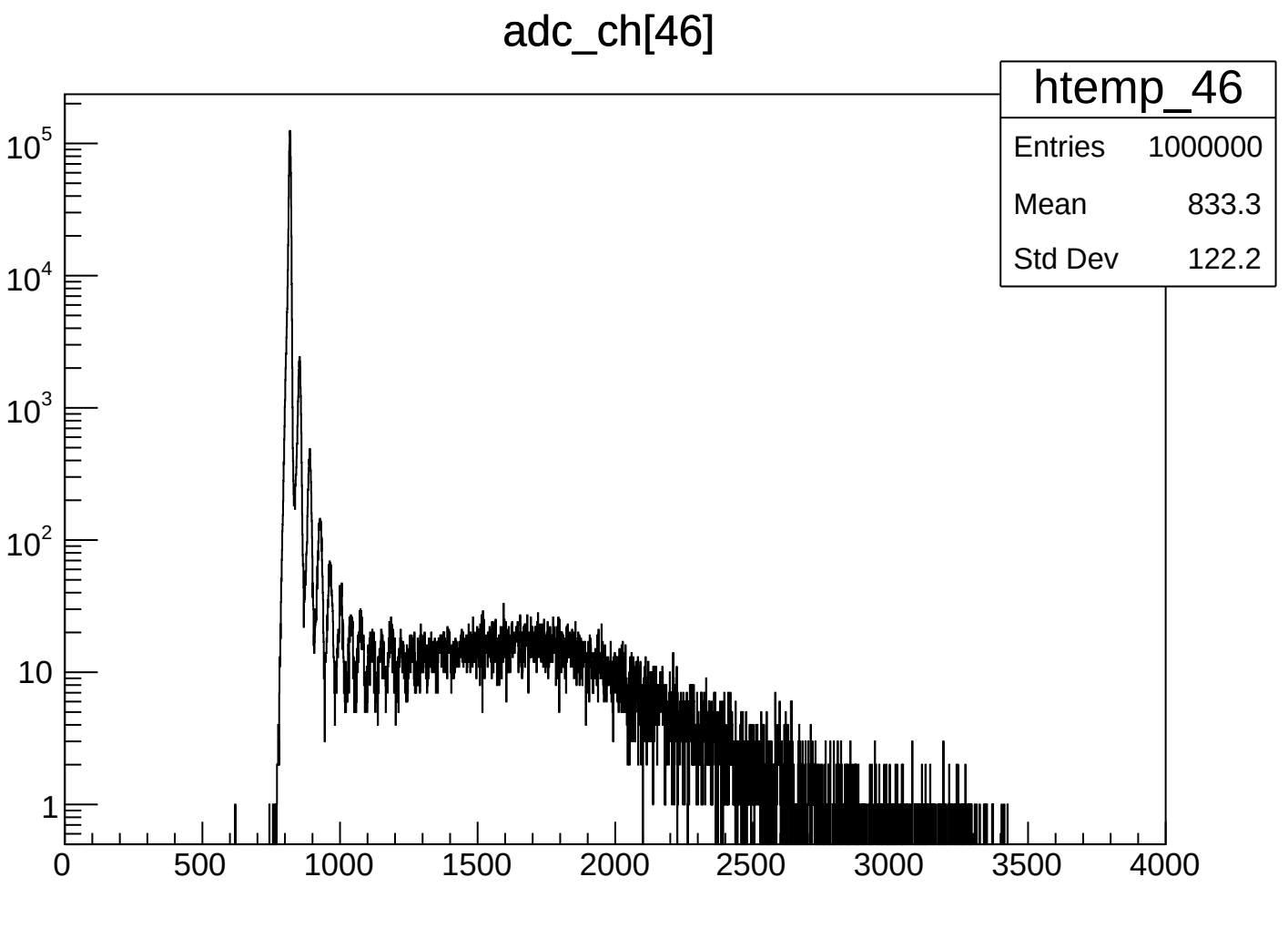

(adc_ch[44]-823.500000)/0.000000
htemp_44_nm
Entries 1000000
Mean 0
Std Dev 0
10^6
10^5
10^4
10^3
0
10
20
30
40
50

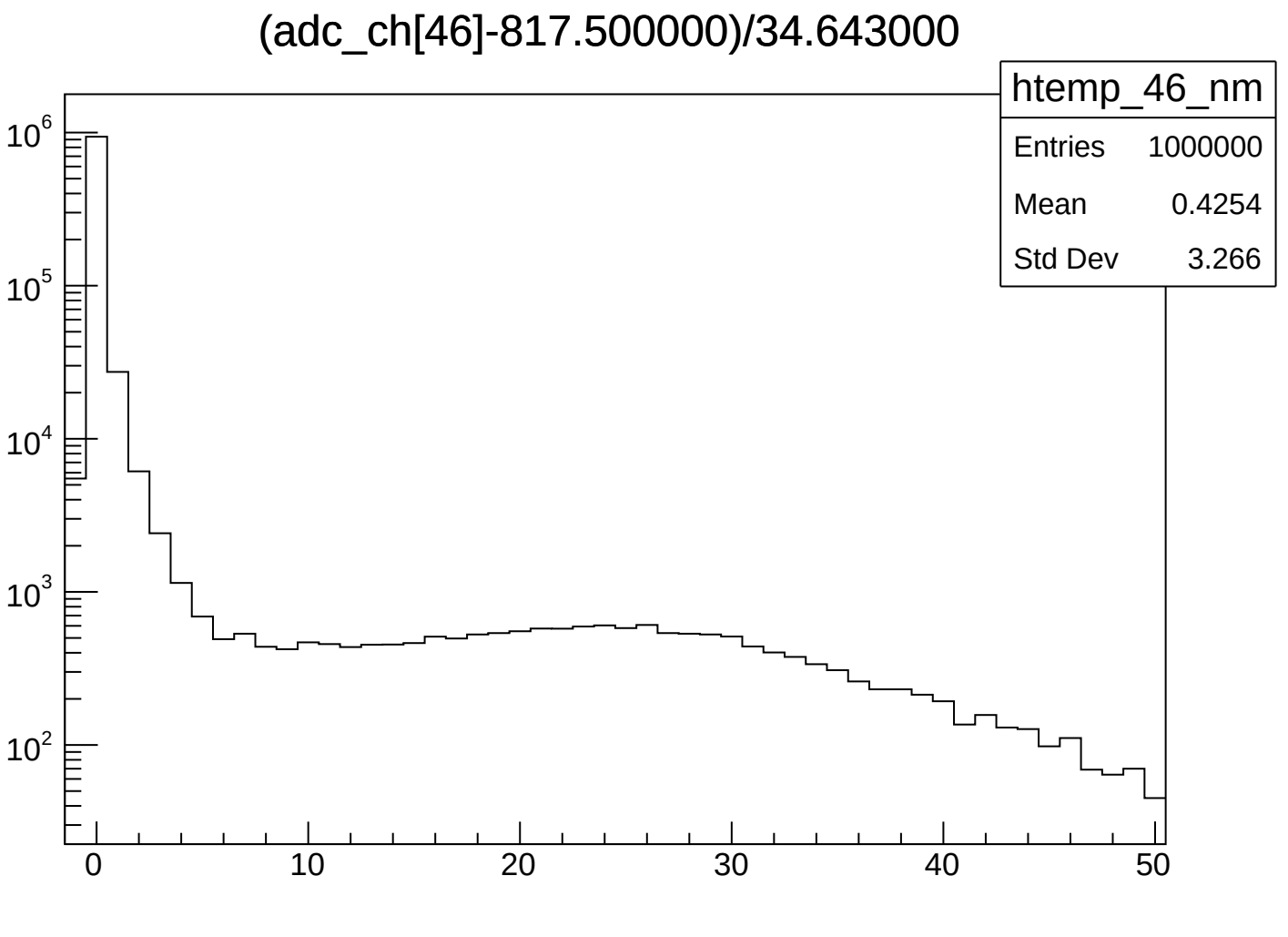

(adc_ch[44]-823.500000)/0.000000
htemp_44_nm
Entries 1000000
Mean 0
Std Dev 0
Entries
10^6
10^5
10^4
10^3
0
10
20
30
40
50
[p.e.]

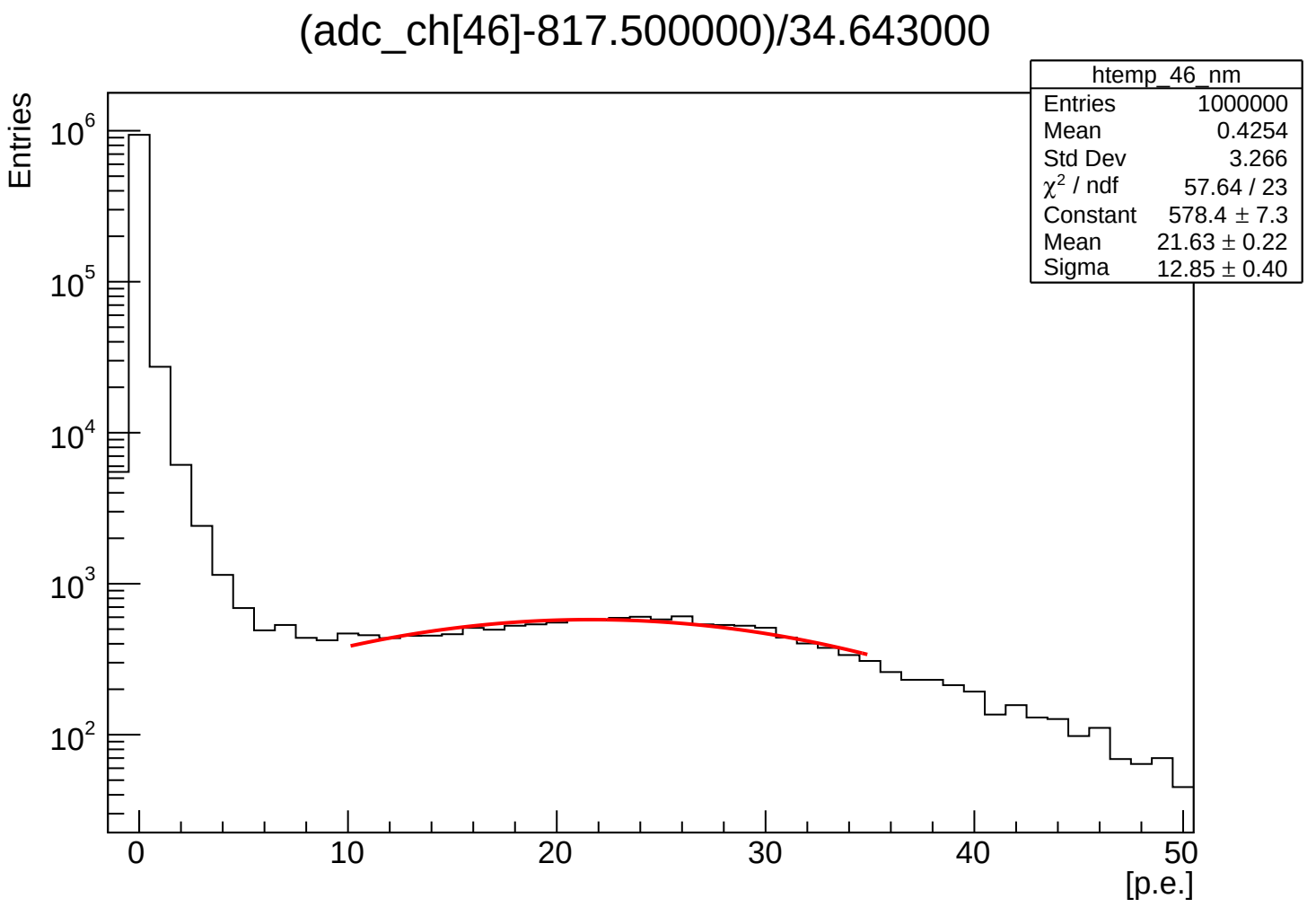

adc_ch[45]
htemp_45
Entries 1000000
Mean 832.7
Std Dev 127.9
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

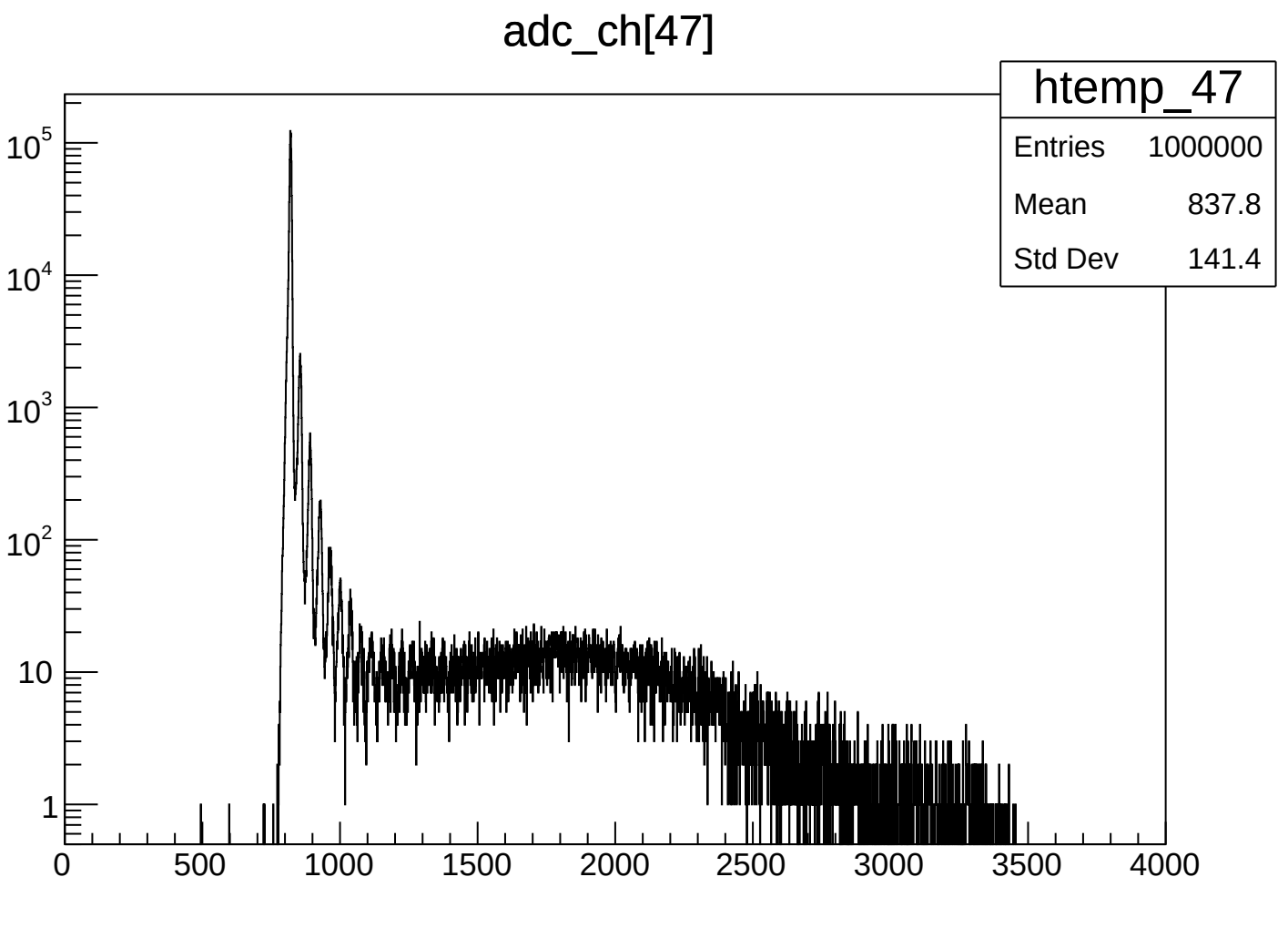

(adc_ch[45]-815.500000)/0.000000
htemp_45_nm
Entries 1000000
Mean 0
Std Dev 0
10^6
10^5
10^4
10^3
0
10
20
30
40
50

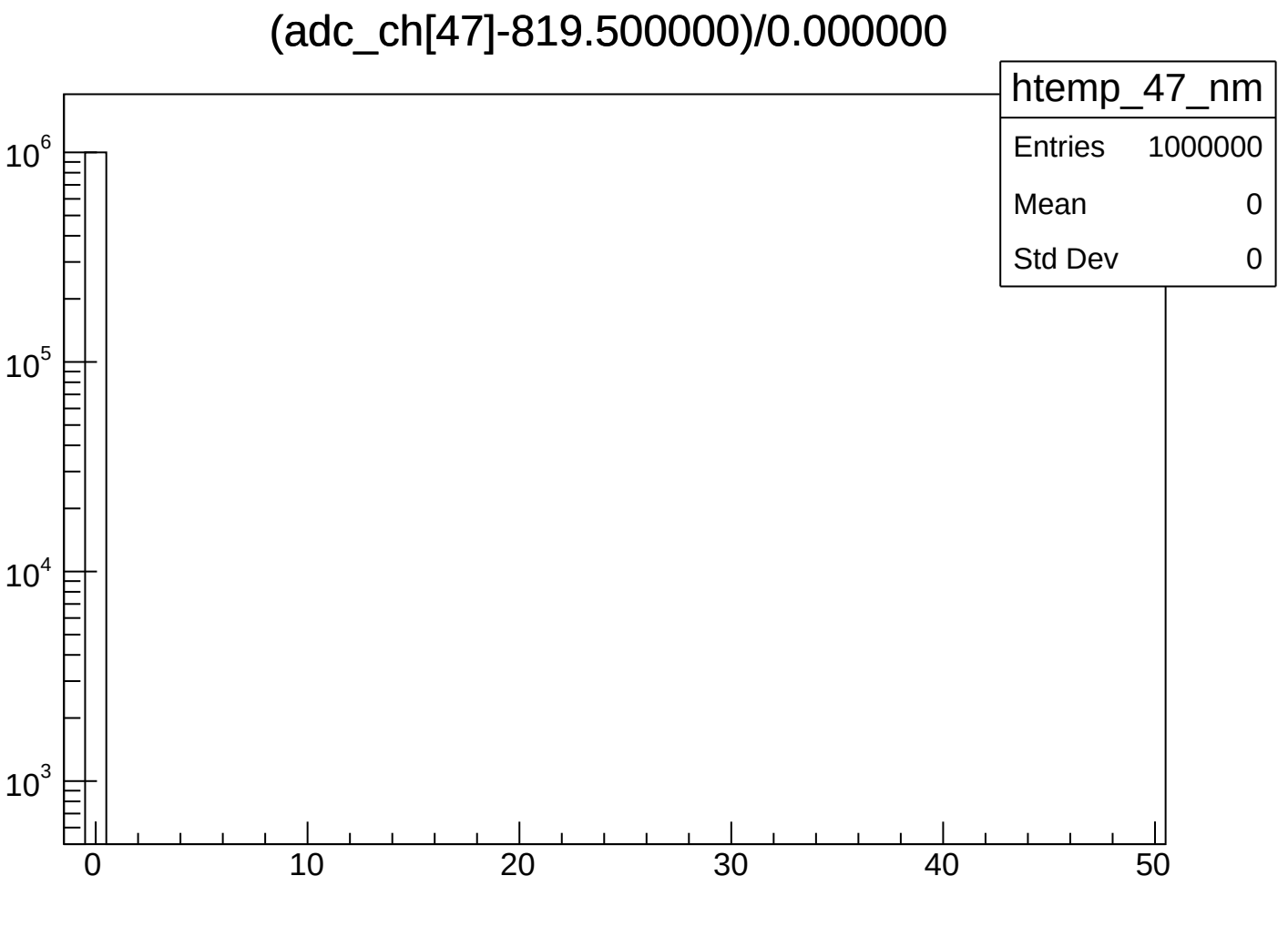

(adc_ch[45]-815.500000)/0.000000
htemp_45_nm
Entries 1000000
Mean 0
Std Dev 0
Entries
10^6
10^5
10^4
10^3
0
10
20
30
40
50
[p.e.]

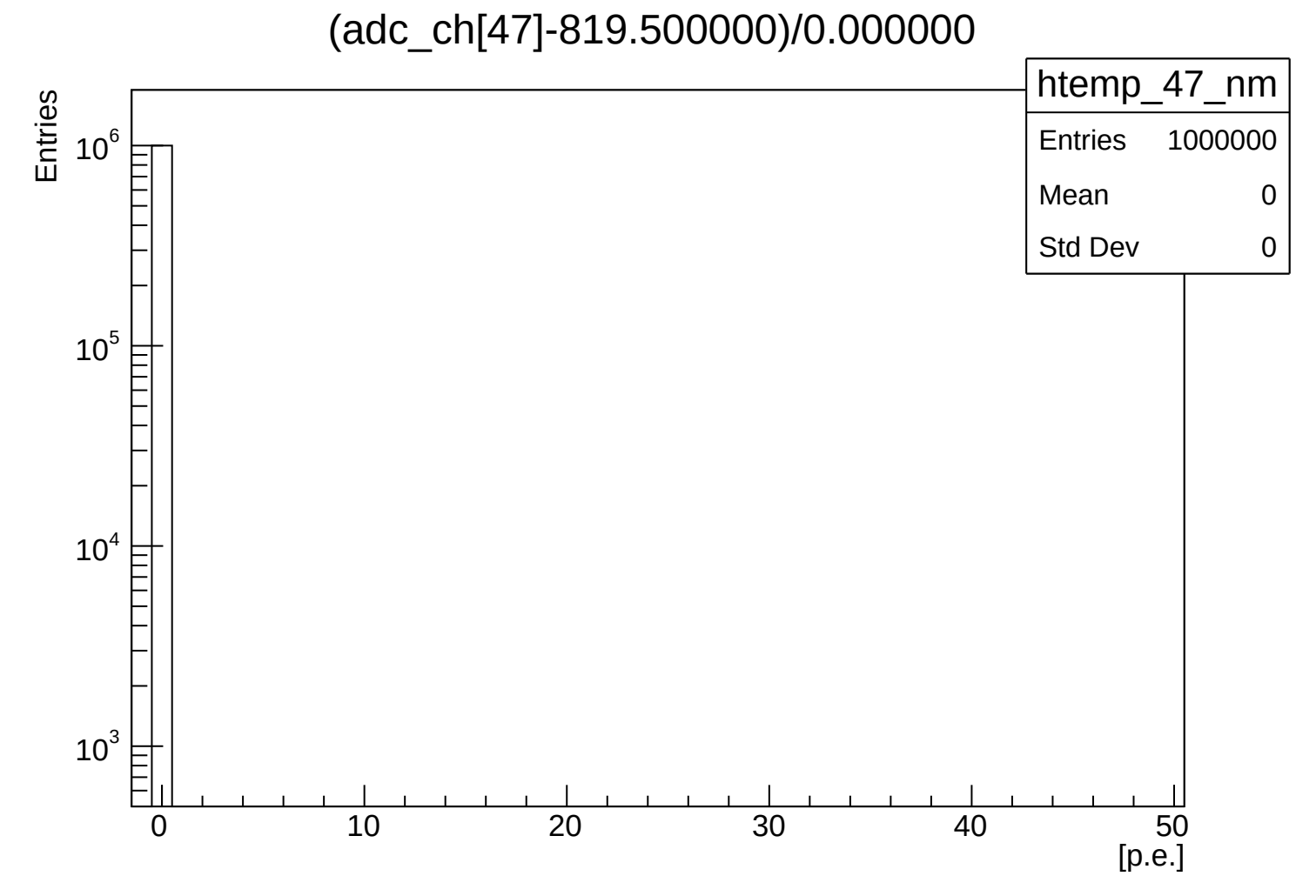

adc_ch[46]
htemp_46
Entries 1000000
Mean 833.3
Std Dev 122.2
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

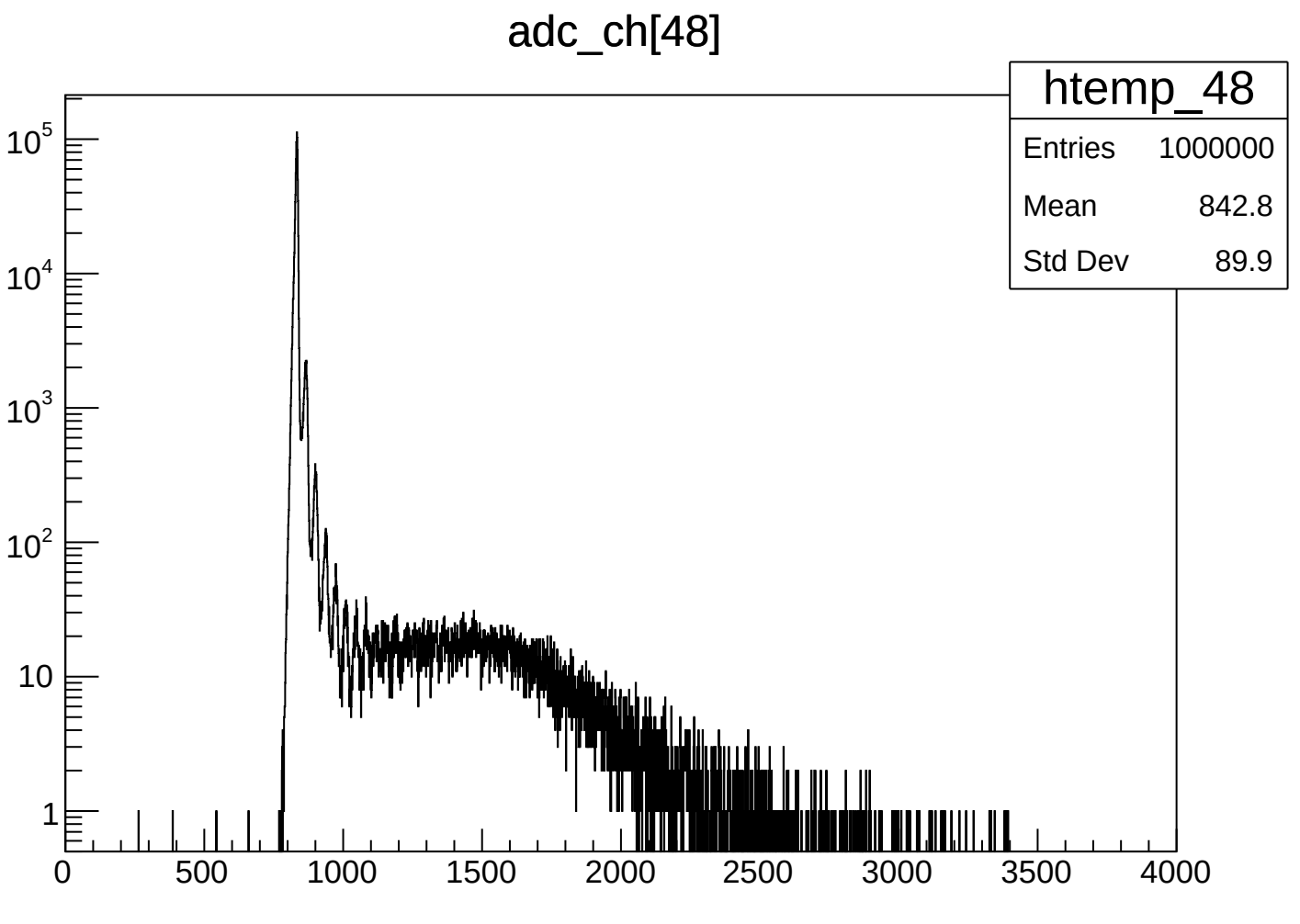

(adc_ch[46]-817.500000)/34.643000
htemp_46_nm
Entries 1000000
Mean 0.4254
Std Dev 3.266
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

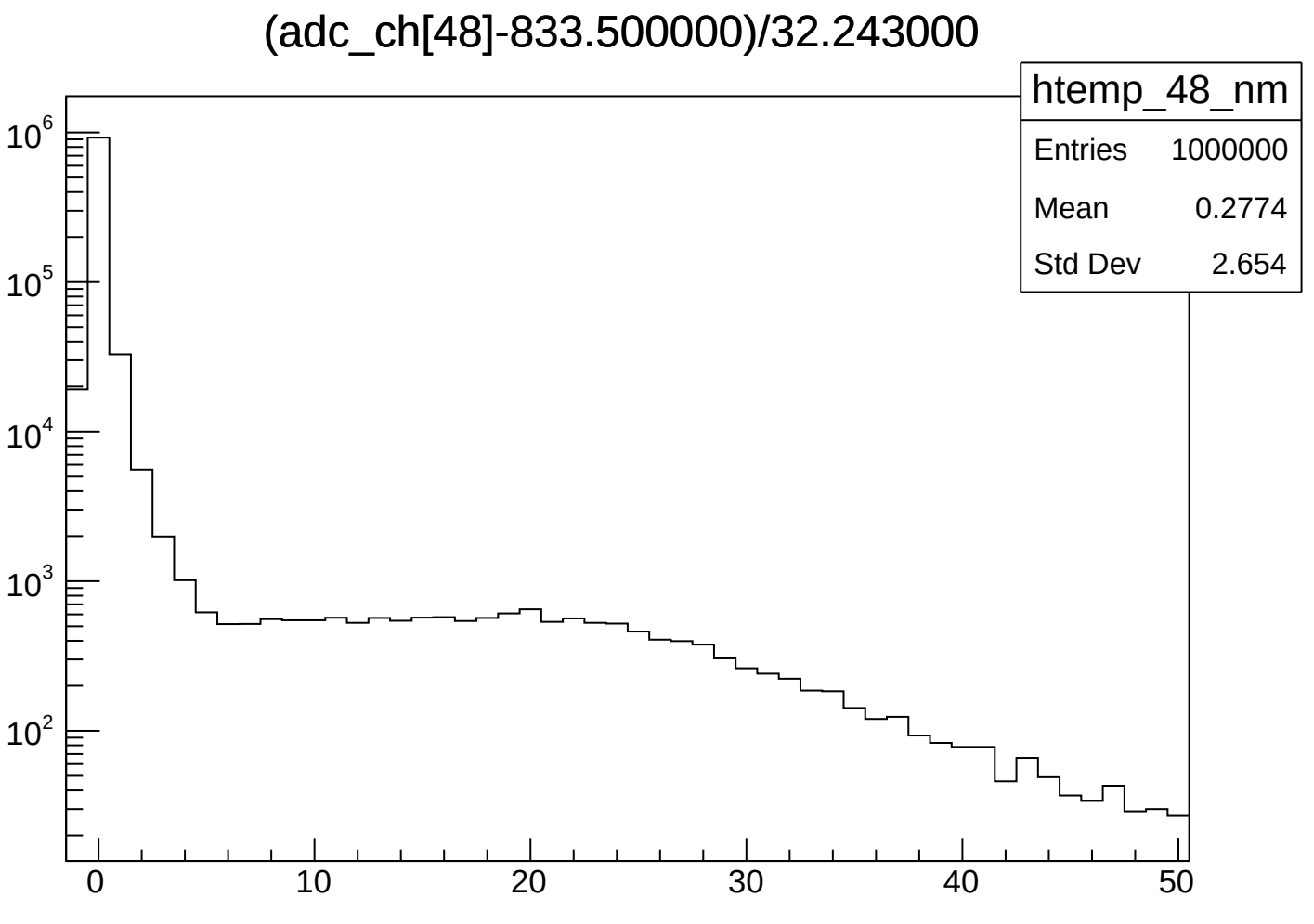

(adc_ch[46]-817.500000)/34.643000
htemp_46_nm
Entries 1000000
Mean 0.4254
Std Dev 3.266
χ² / ndf 57.64 / 23
Constant 578.4 ± 7.3
Mean 21.63 ± 0.22
Sigma 12.85 ± 0.40
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

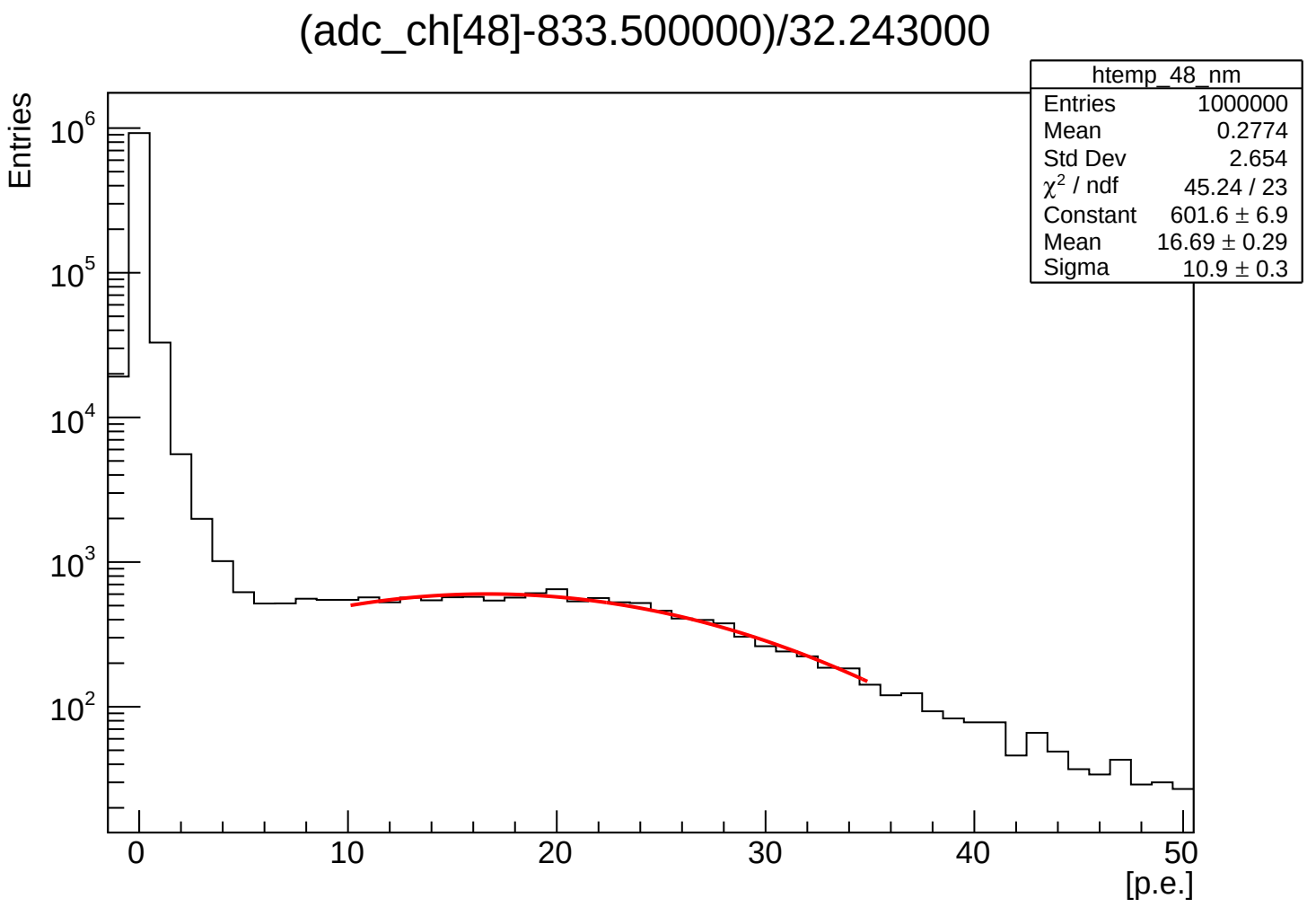

adc_ch[47]
htemp_47
Entries 1000000
Mean 837.8
Std Dev 141.4
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

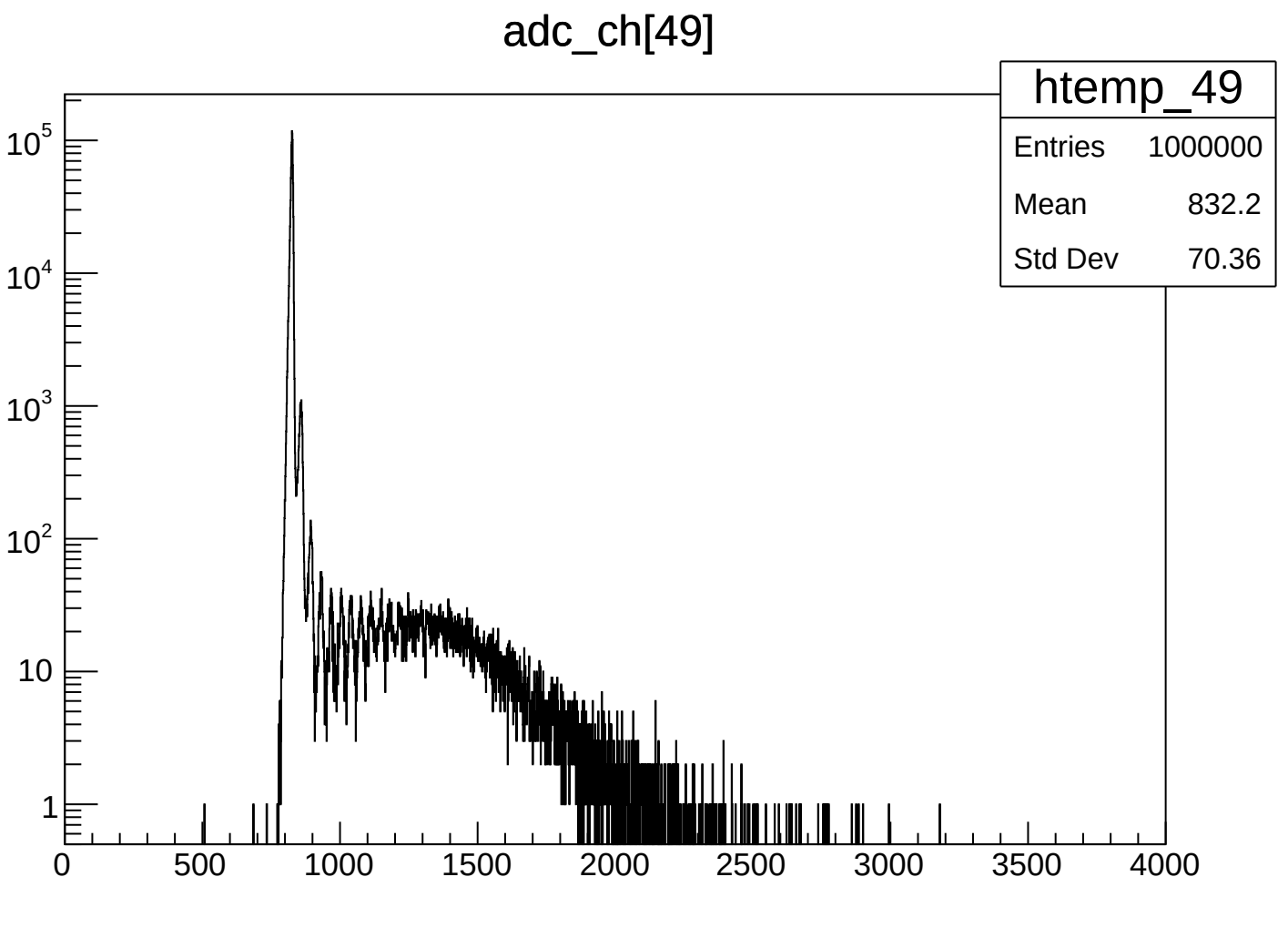

(adc_ch[47]-819.500000)/0.000000
htemp_47_nm
Entries 1000000
Mean 0
Std Dev 0
10^6
10^5
10^4
10^3
0
10
20
30
40
50

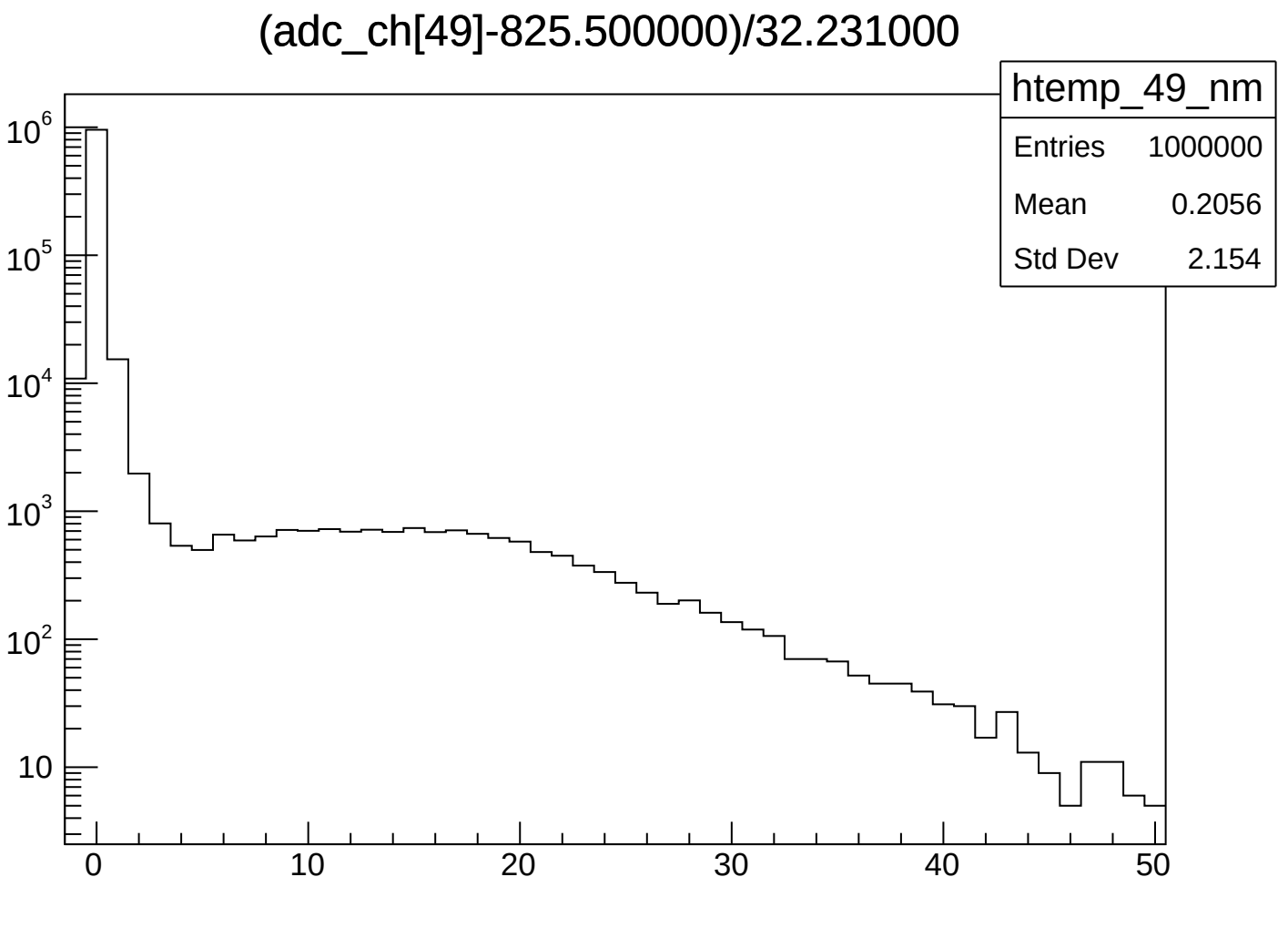

(adc_ch[47]-819.500000)/0.000000
htemp_47_nm
Entries 1000000
Mean 0
Std Dev 0
Entries
10^6
10^5
10^4
10^3
0
10
20
30
40
50
[p.e.]

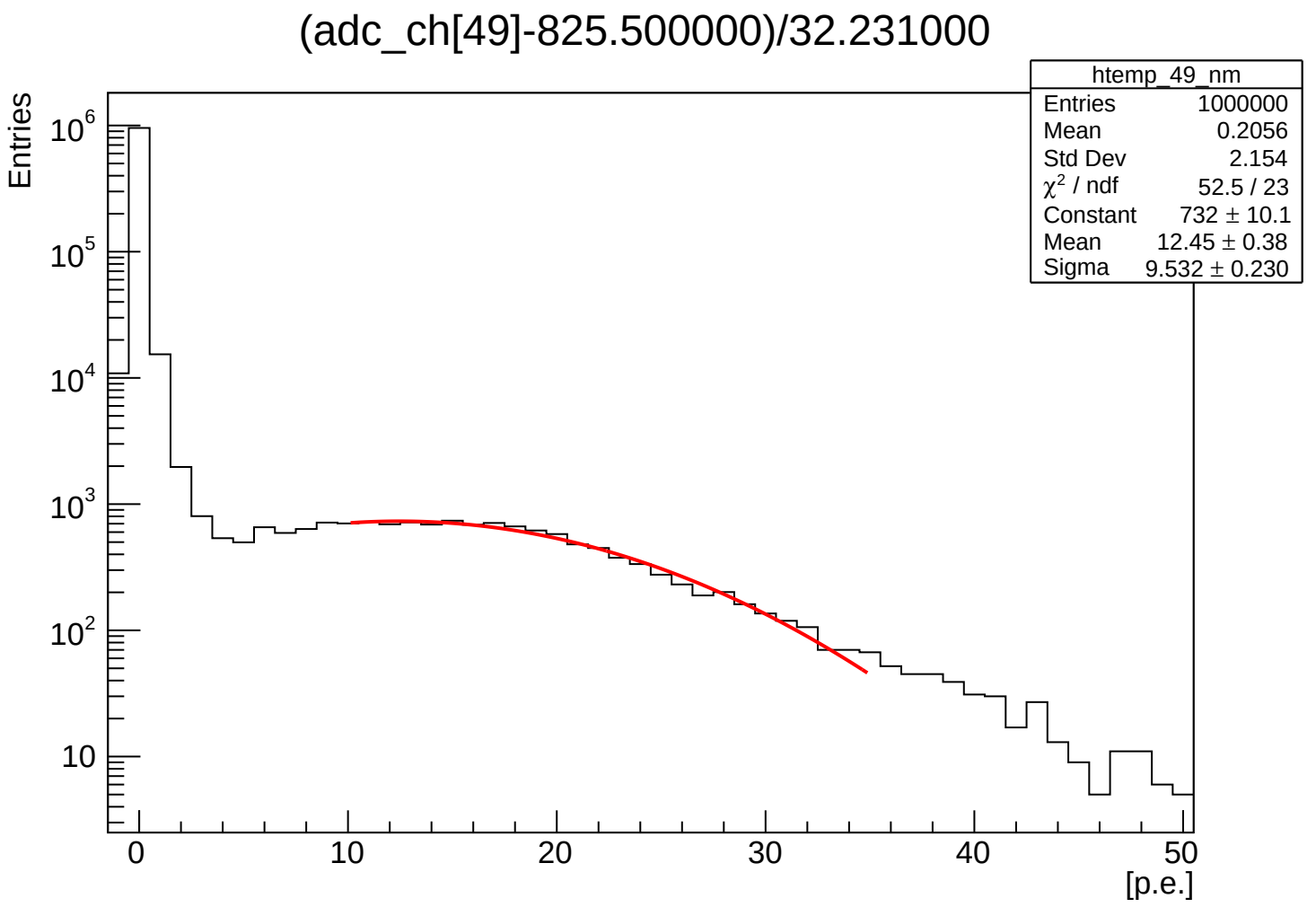

adc_ch[48]
htemp_48
Entries 1000000
Mean 842.8
Std Dev 89.9
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

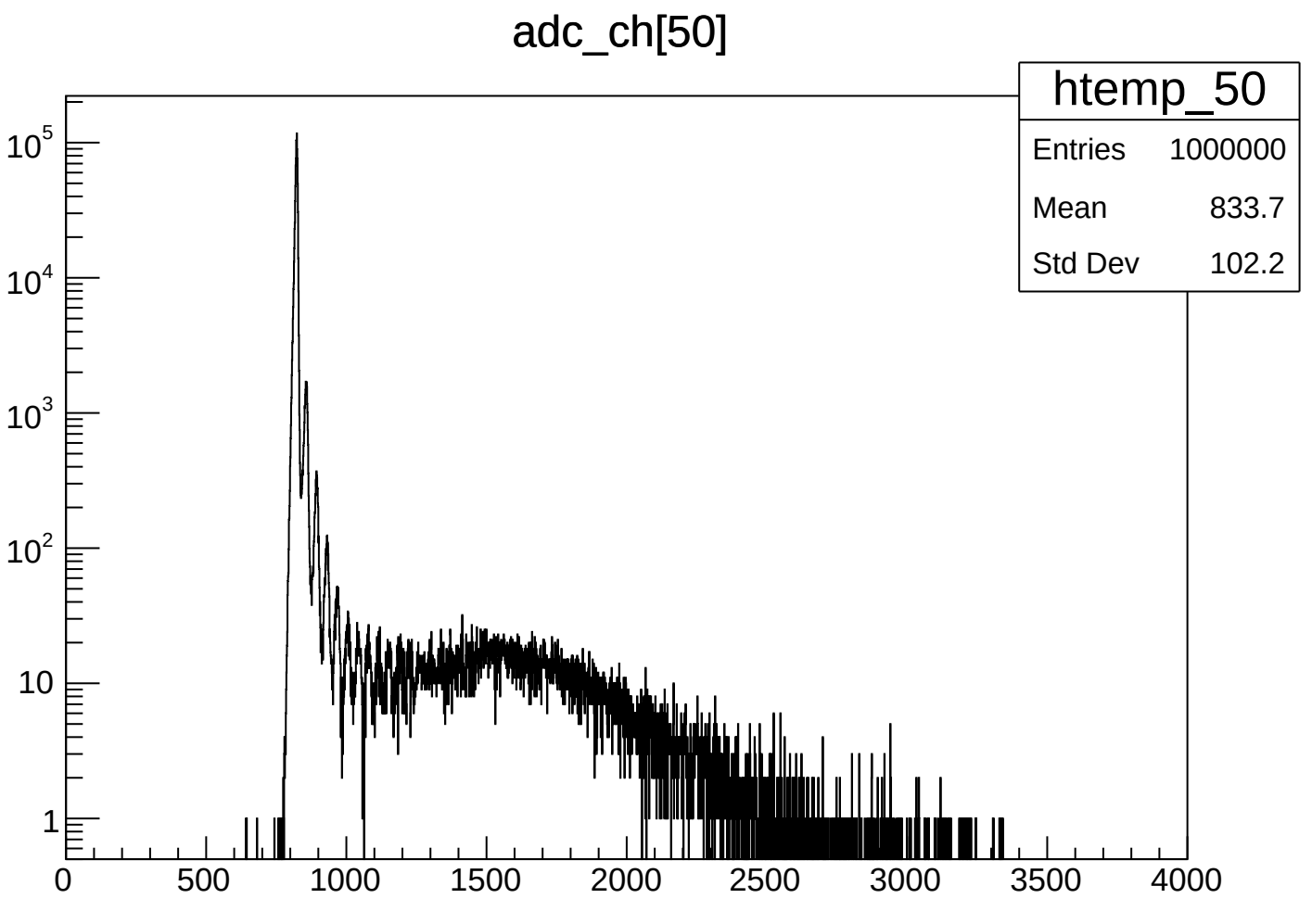

(adc_ch[48]-833.500000)/32.243000
htemp_48_nm
Entries 1000000
Mean 0.2774
Std Dev 2.654
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

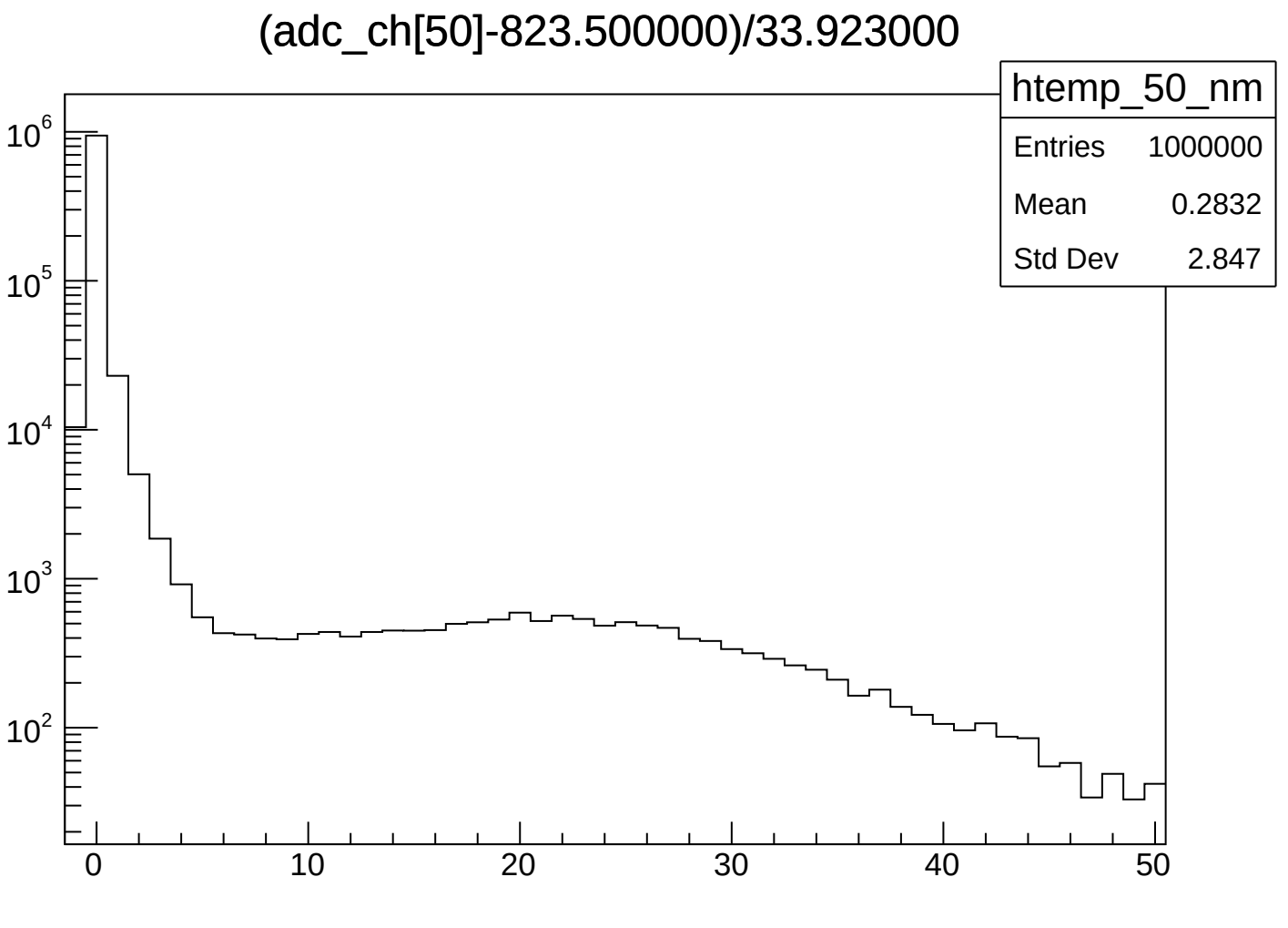

(adc_ch[48]-833.500000)/32.243000
htemp_48_nm
Entries 1000000
Mean 0.2774
Std Dev 2.654
χ² / ndf 45.24 / 23
Constant 601.6 ± 6.9
Mean 16.69 ± 0.29
Sigma 10.9 ± 0.3
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

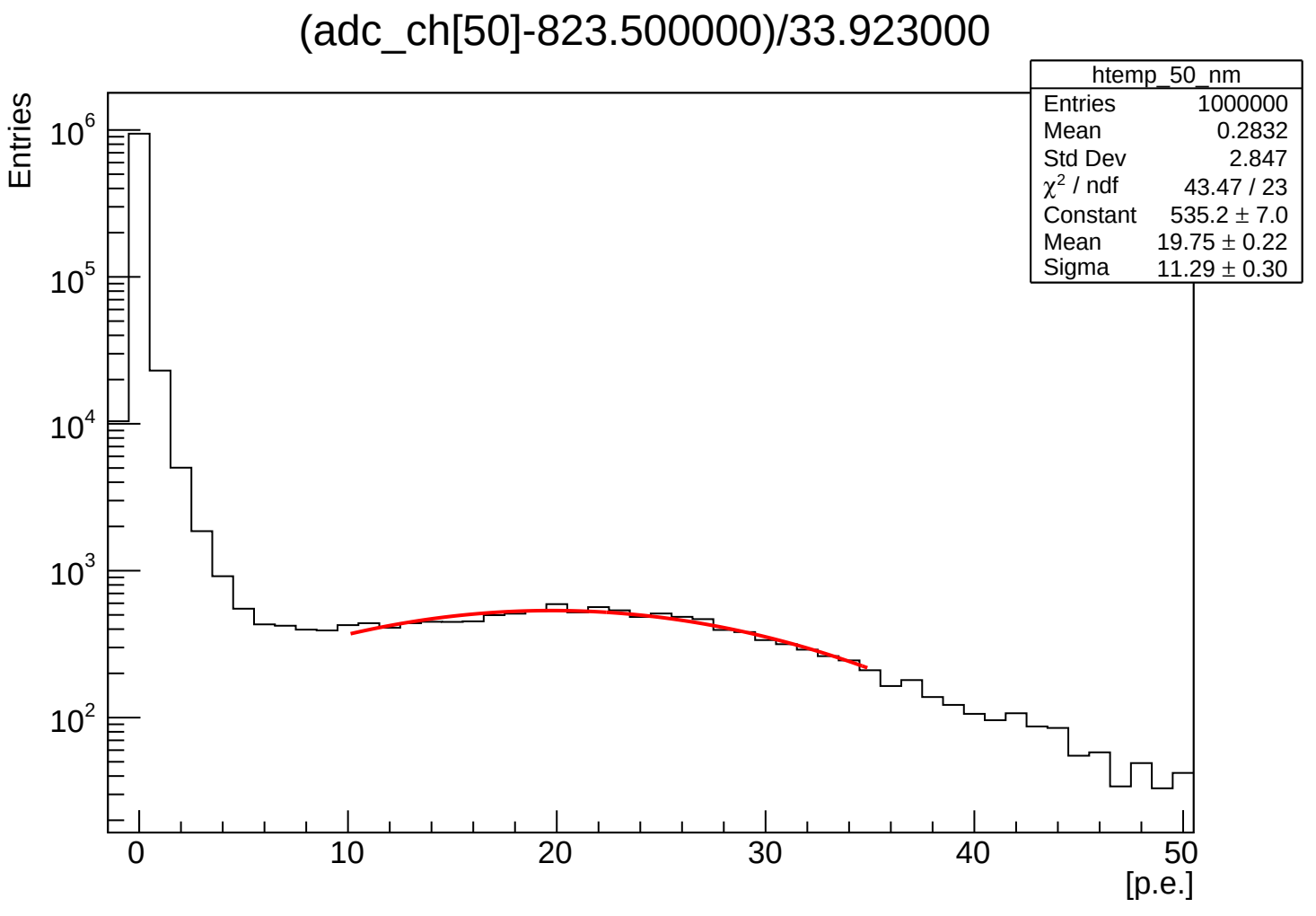

adc_ch[49]
htemp_49
Entries 1000000
Mean 832.2
Std Dev 70.36
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

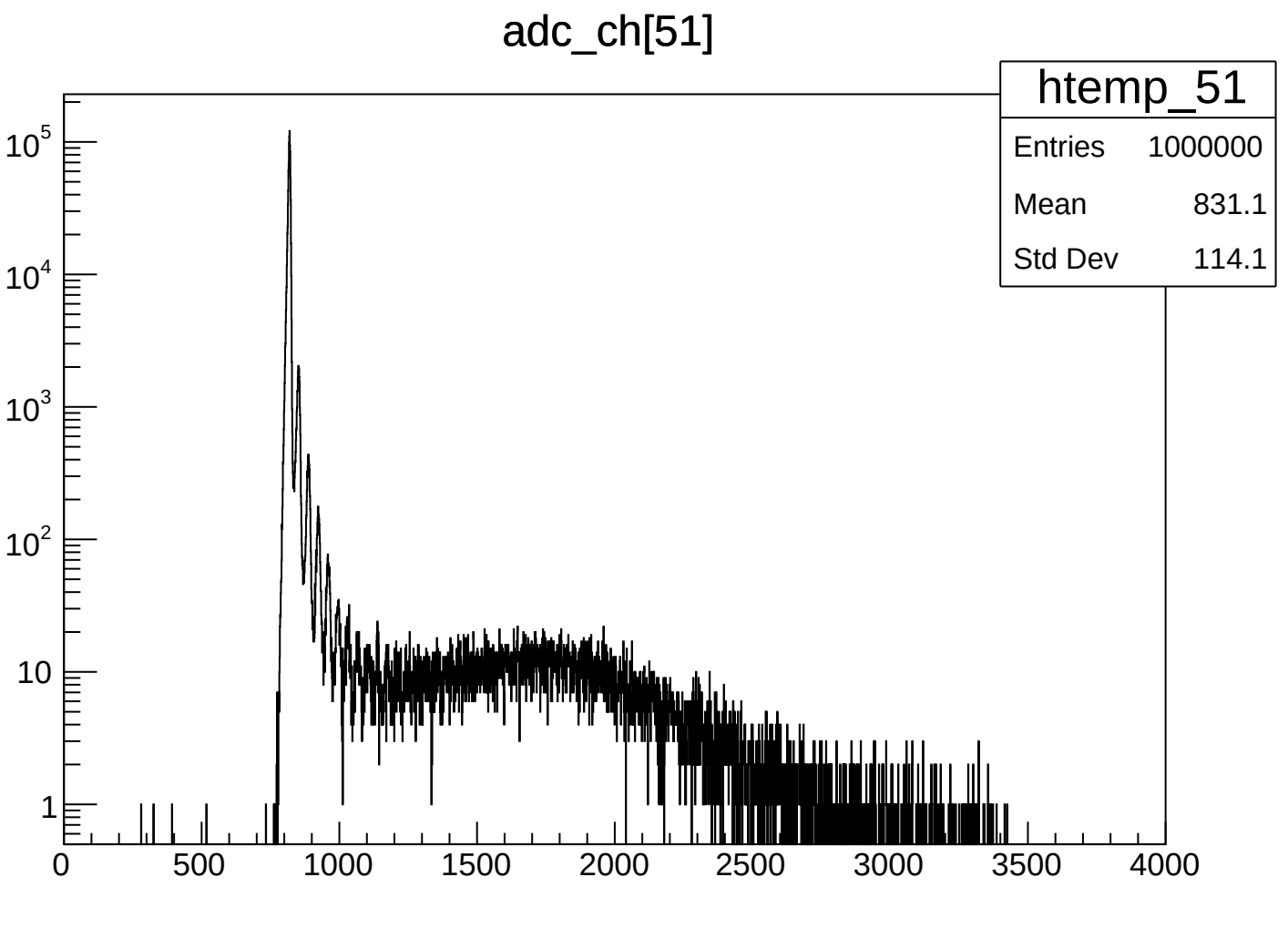

(adc_ch[49]-825.500000)/32.231000
htemp_49_nm
Entries 1000000
Mean 0.2056
Std Dev 2.154
10^6
10^5
10^4
10^3
10^2
10
0
10
20
30
40
50

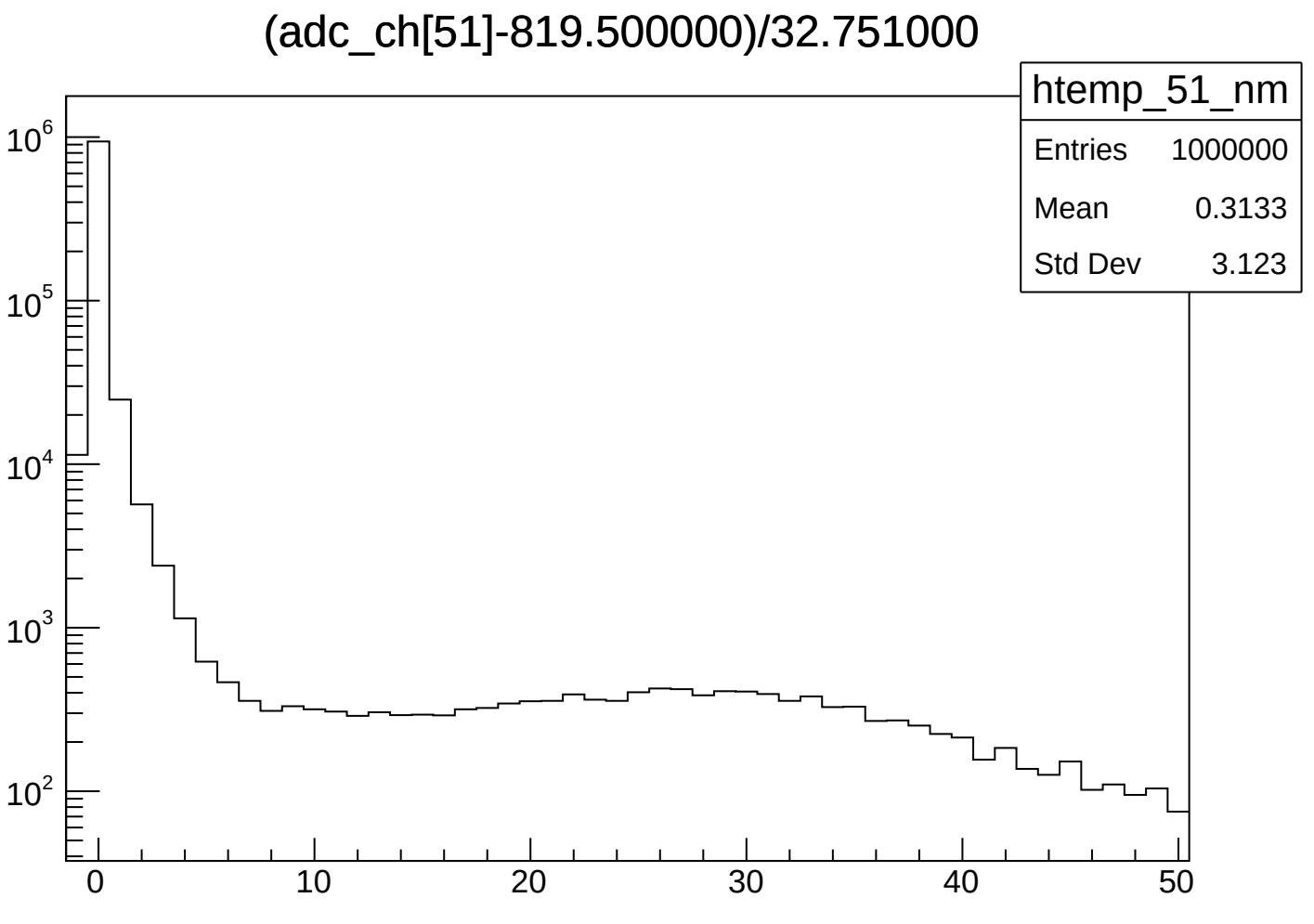

(adc_ch[49]-825.500000)/32.231000
htemp_49_nm
Entries 1000000
Mean 0.2056
Std Dev 2.154
χ² / ndf 52.5 / 23
Constant 732 ± 10.1
Mean 12.45 ± 0.38
Sigma 9.532 ± 0.230
Entries
10⁶
10⁵
10⁴
10³
10²
10
0
10
20
30
40
50
[p.e.]

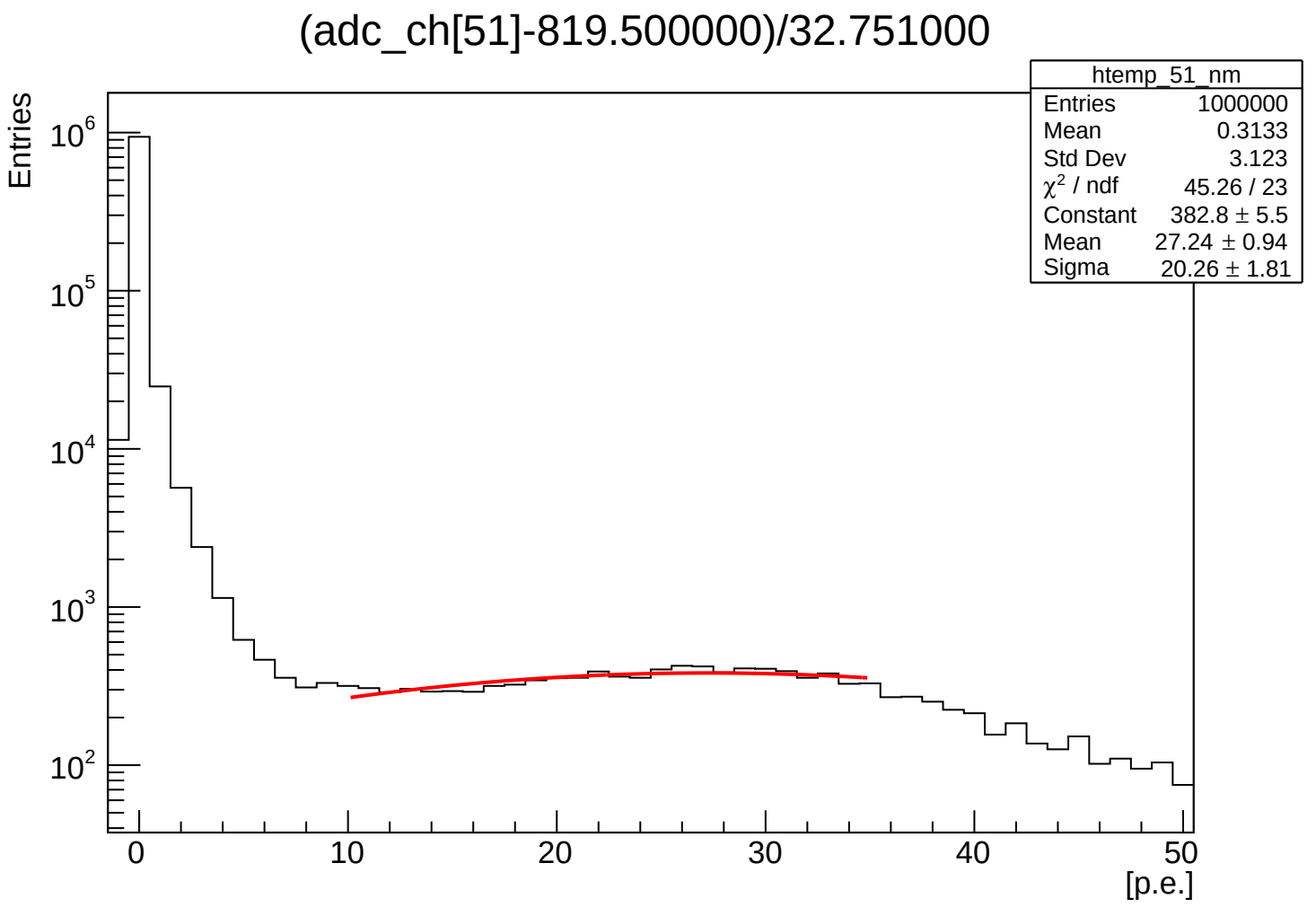

adc_ch[50]
htemp_50
Entries 1000000
Mean 833.7
Std Dev 102.2
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

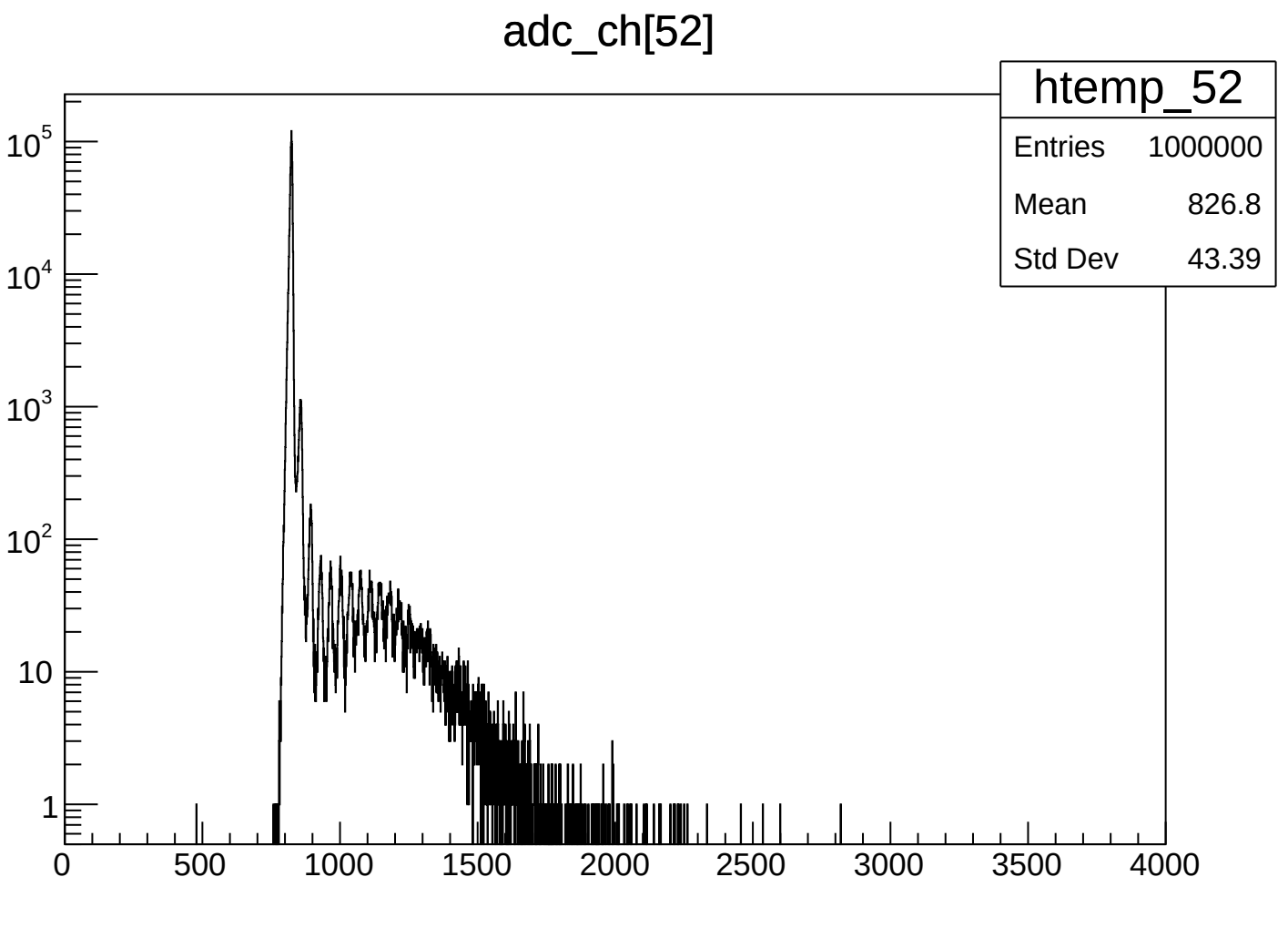

(adc_ch[50]-823.500000)/33.923000
htemp_50_nm
Entries 1000000
Mean 0.2832
Std Dev 2.847
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

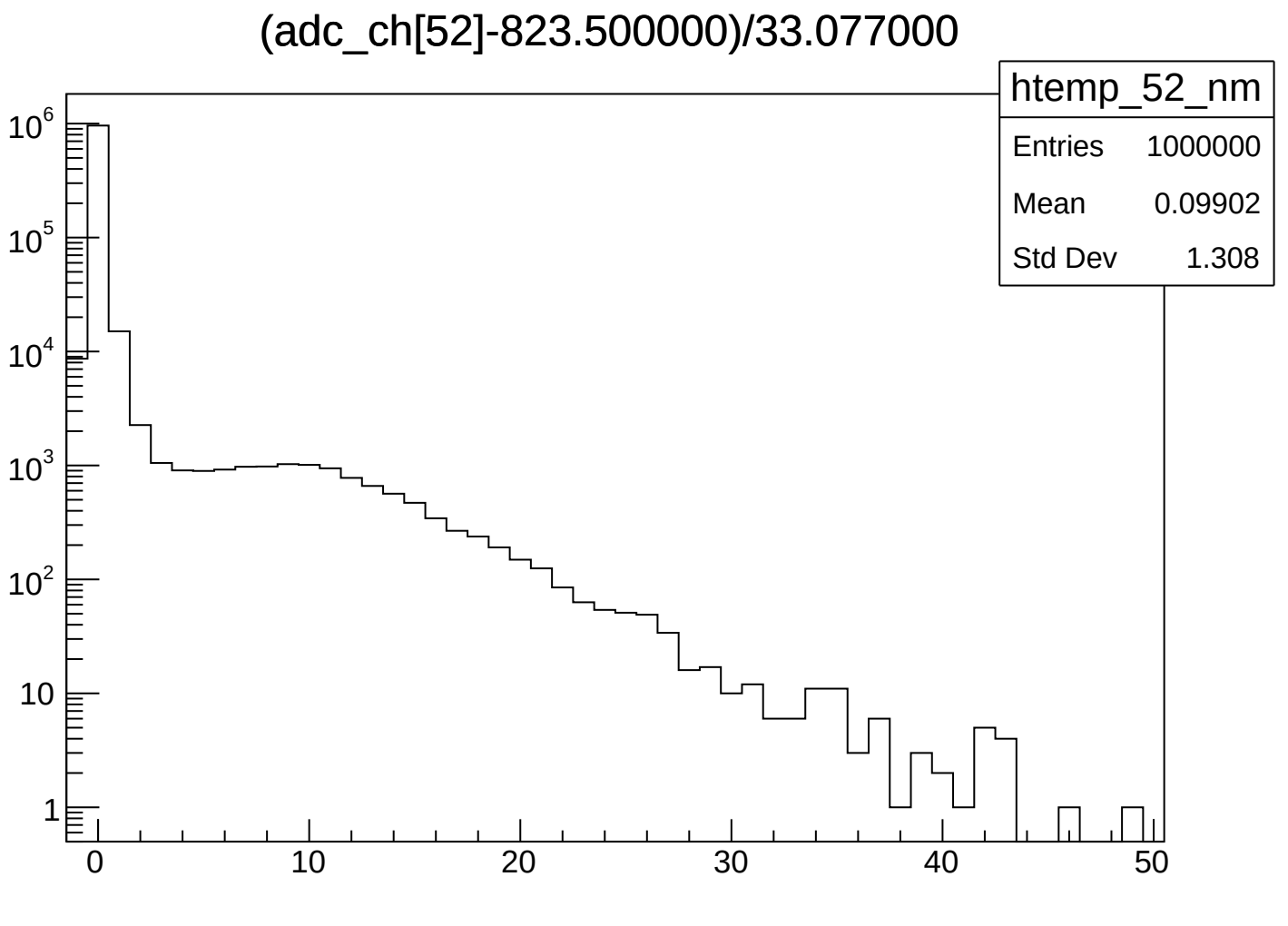

(adc_ch[50]-823.500000)/33.923000
htemp_50_nm
Entries 1000000
Mean 0.2832
Std Dev 2.847
χ² / ndf 43.47 / 23
Constant 535.2 ± 7.0
Mean 19.75 ± 0.22
Sigma 11.29 ± 0.30
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

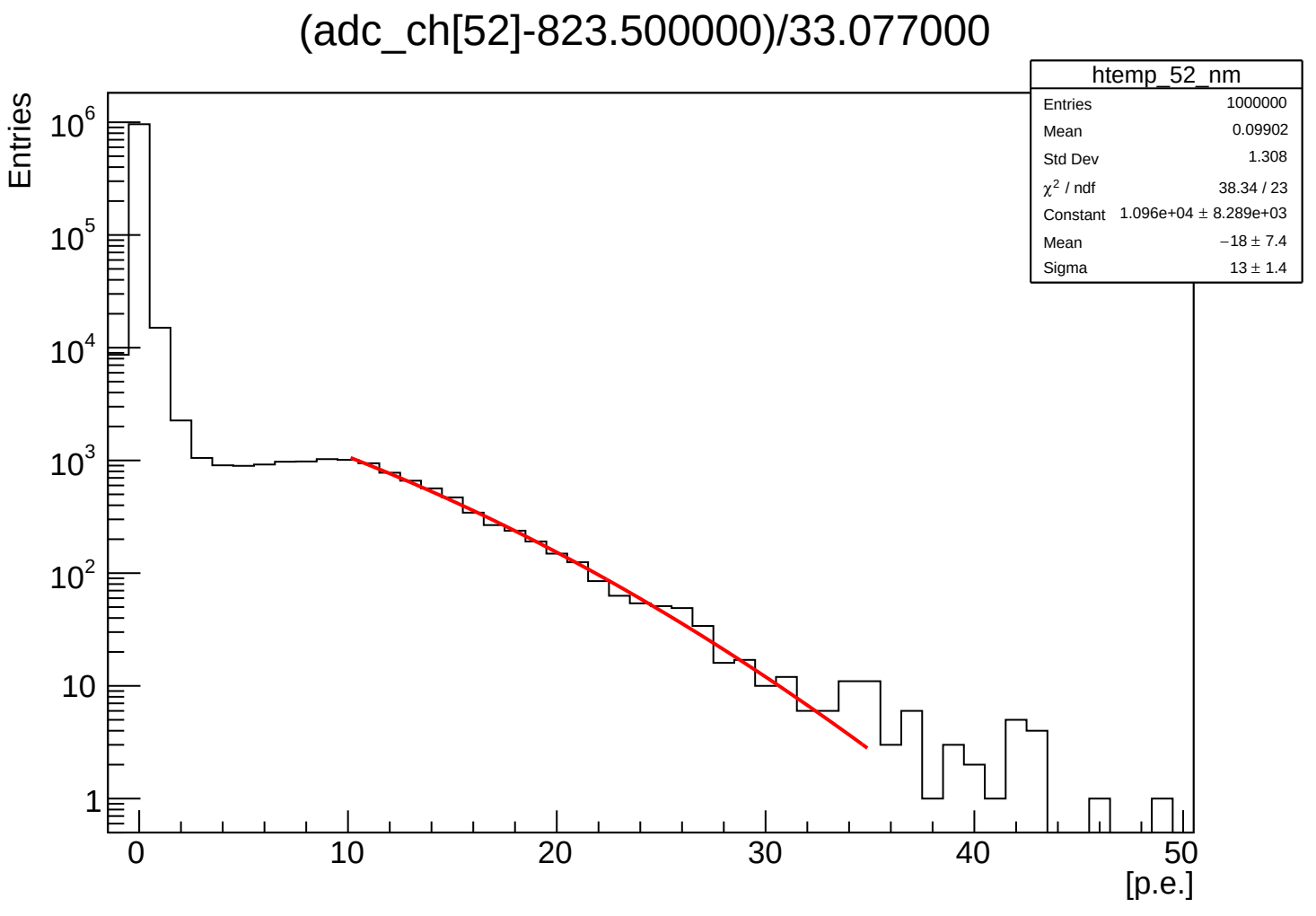

adc_ch[51]
htemp_51
Entries 1000000
Mean 831.1
Std Dev 114.1
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

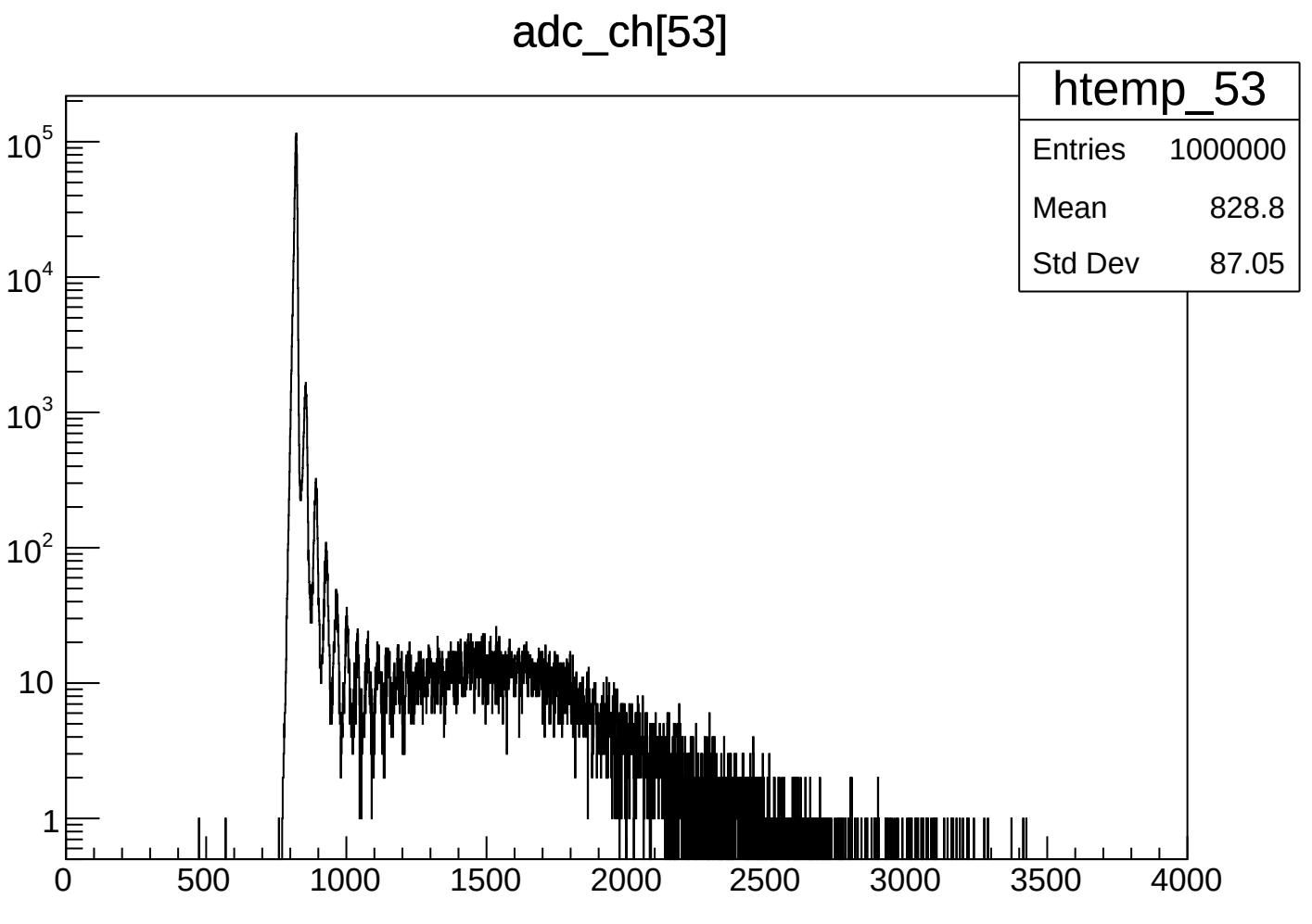

(adc_ch[51]-819.500000)/32.751000
htemp_51_nm
Entries 1000000
Mean 0.3133
Std Dev 3.123
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

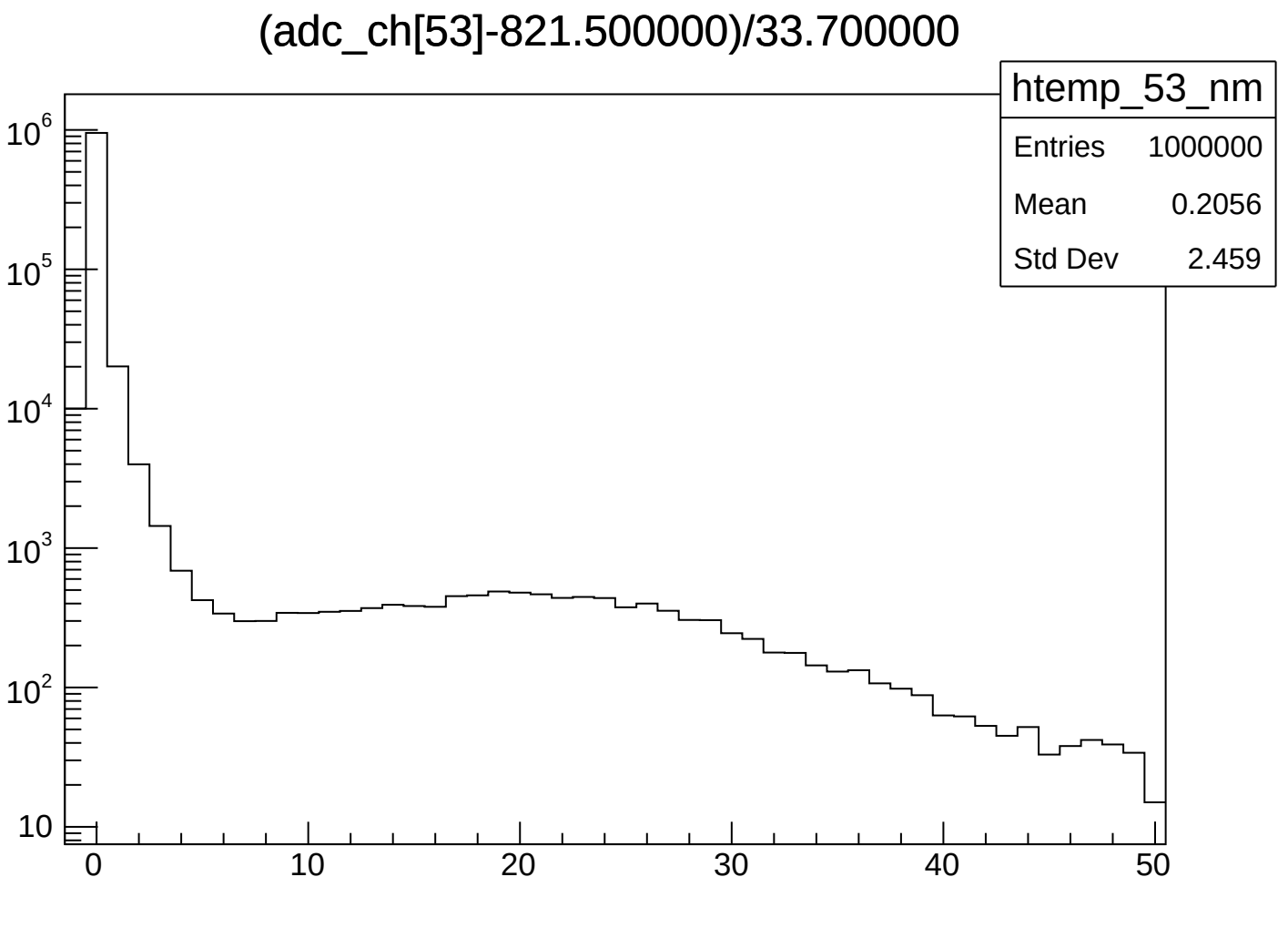

(adc_ch[51]-819.500000)/32.751000
htemp_51_nm
Entries 1000000
Mean 0.3133
Std Dev 3.123
χ² / ndf 45.26 / 23
Constant 382.8 ± 5.5
Mean 27.24 ± 0.94
Sigma 20.26 ± 1.81
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

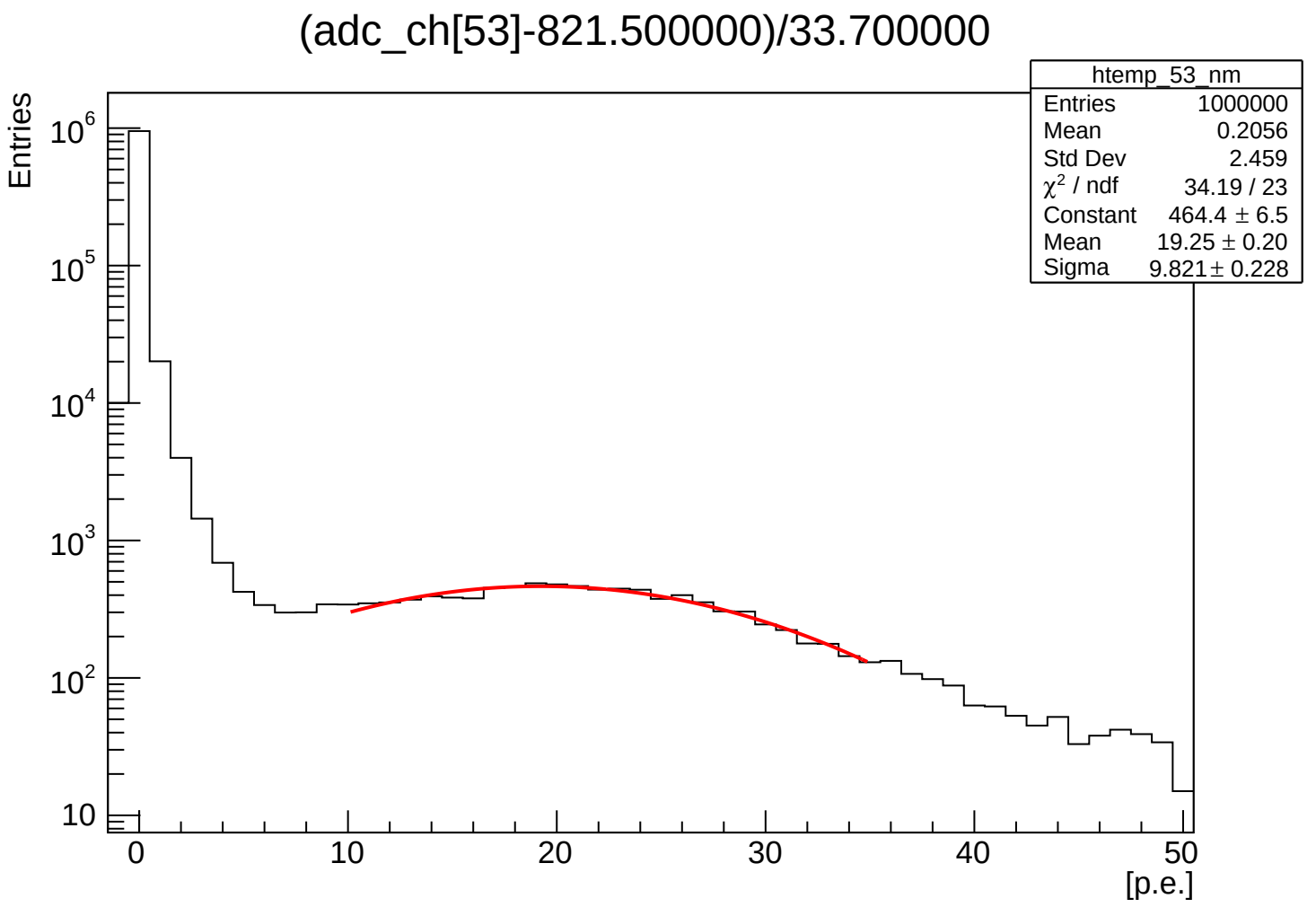

adc_ch[52]
htemp_52
Entries 1000000
Mean 826.8
Std Dev 43.39
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

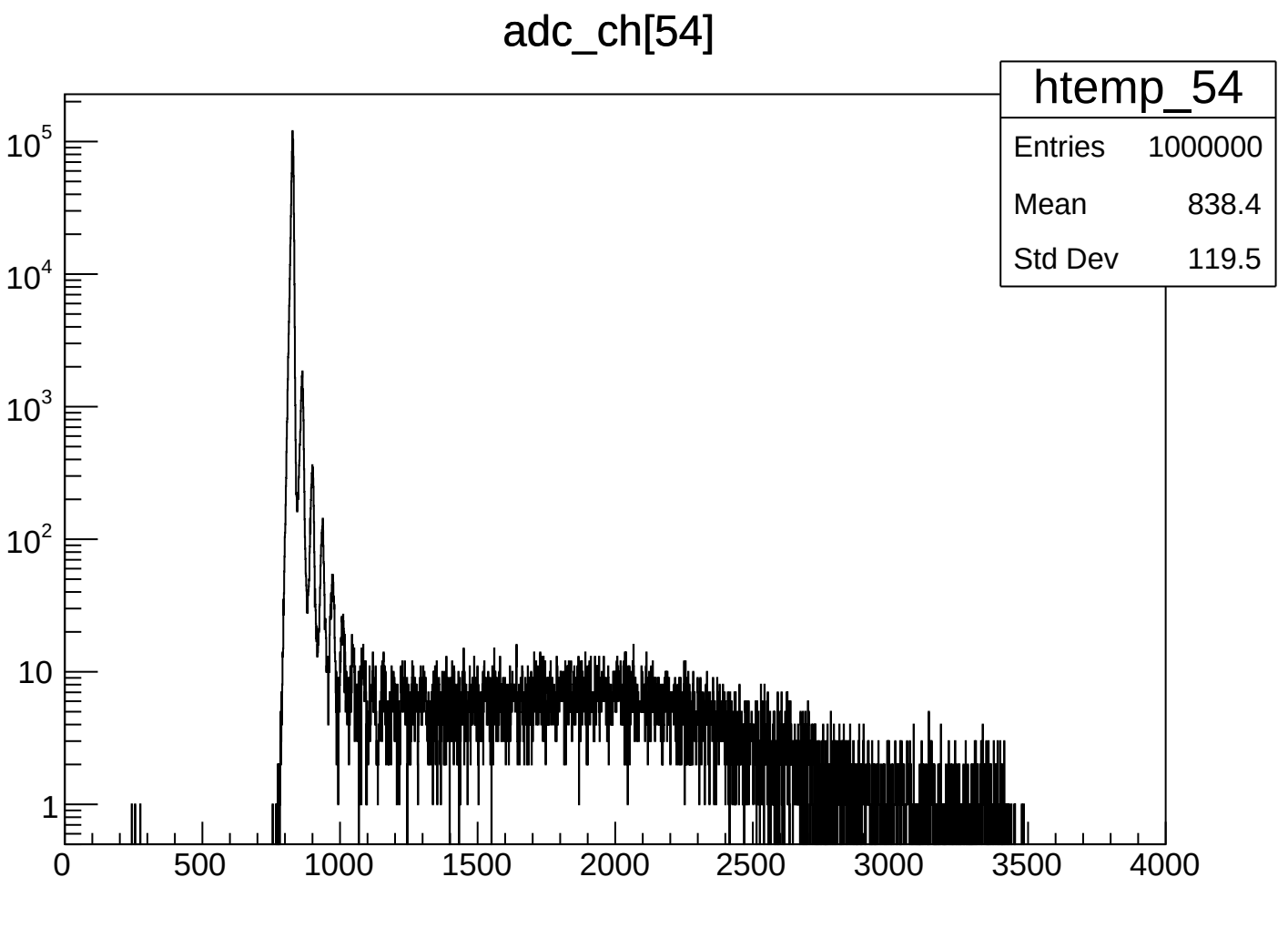

(adc_ch[52]-823.500000)/33.077000
htemp_52_nm
Entries 1000000
Mean 0.09902
Std Dev 1.308
10^6
10^5
10^4
10^3
10^2
10
1
0
10
20
30
40
50

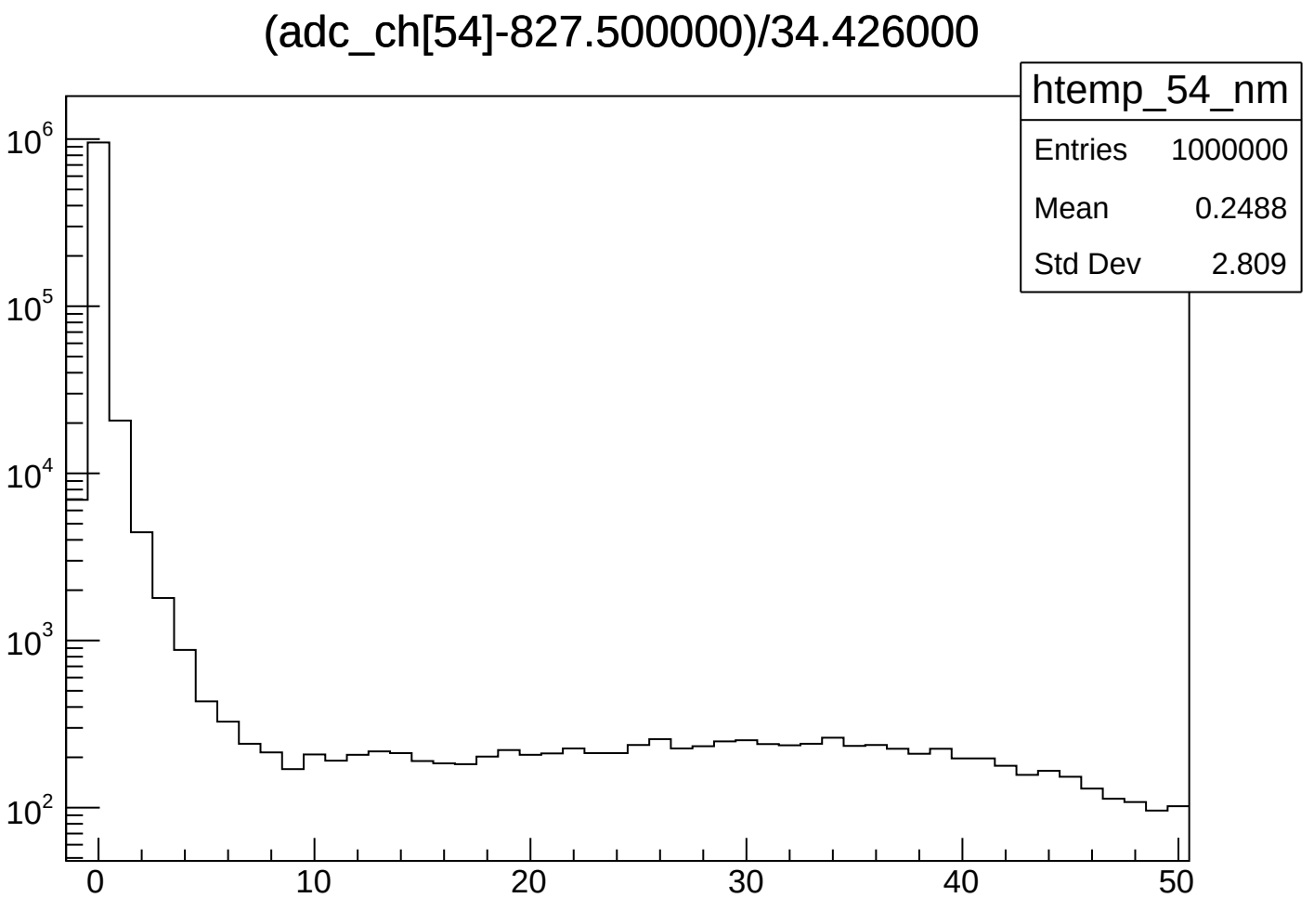

(adc_ch[52]-823.500000)/33.077000
htemp_52_nm
Entries 1000000
Mean 0.09902
Std Dev 1.308
χ² / ndf 38.34 / 23
Constant 1.096e+04 ± 8.289e+03
Mean −18 ± 7.4
Sigma 13 ± 1.4
Entries
10⁶
10⁵
10⁴
10³
10²
10
1
0
10
20
30
40
50
[p.e.]

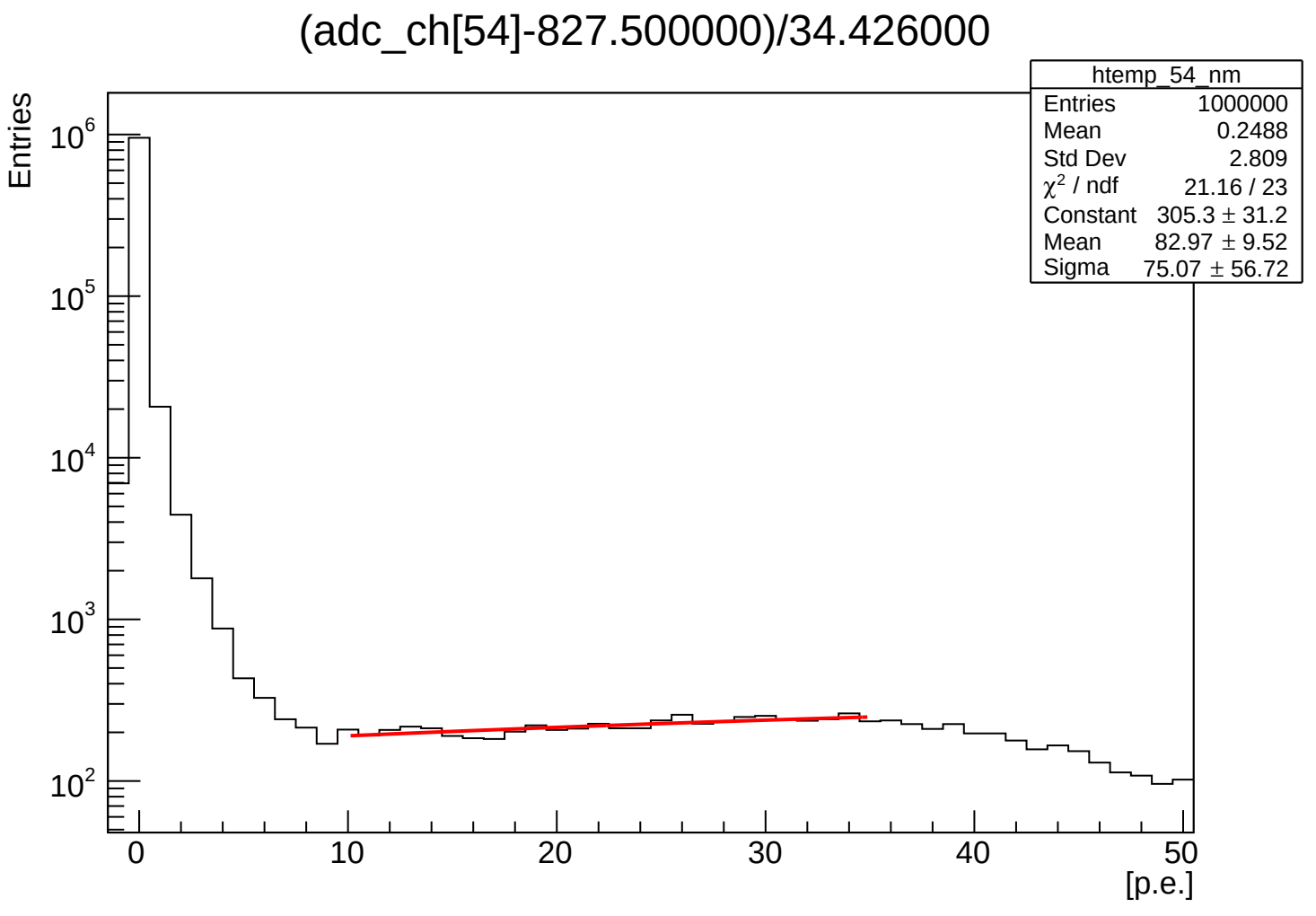

adc_ch[53]
htemp_53
Entries 1000000
Mean 828.8
Std Dev 87.05
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

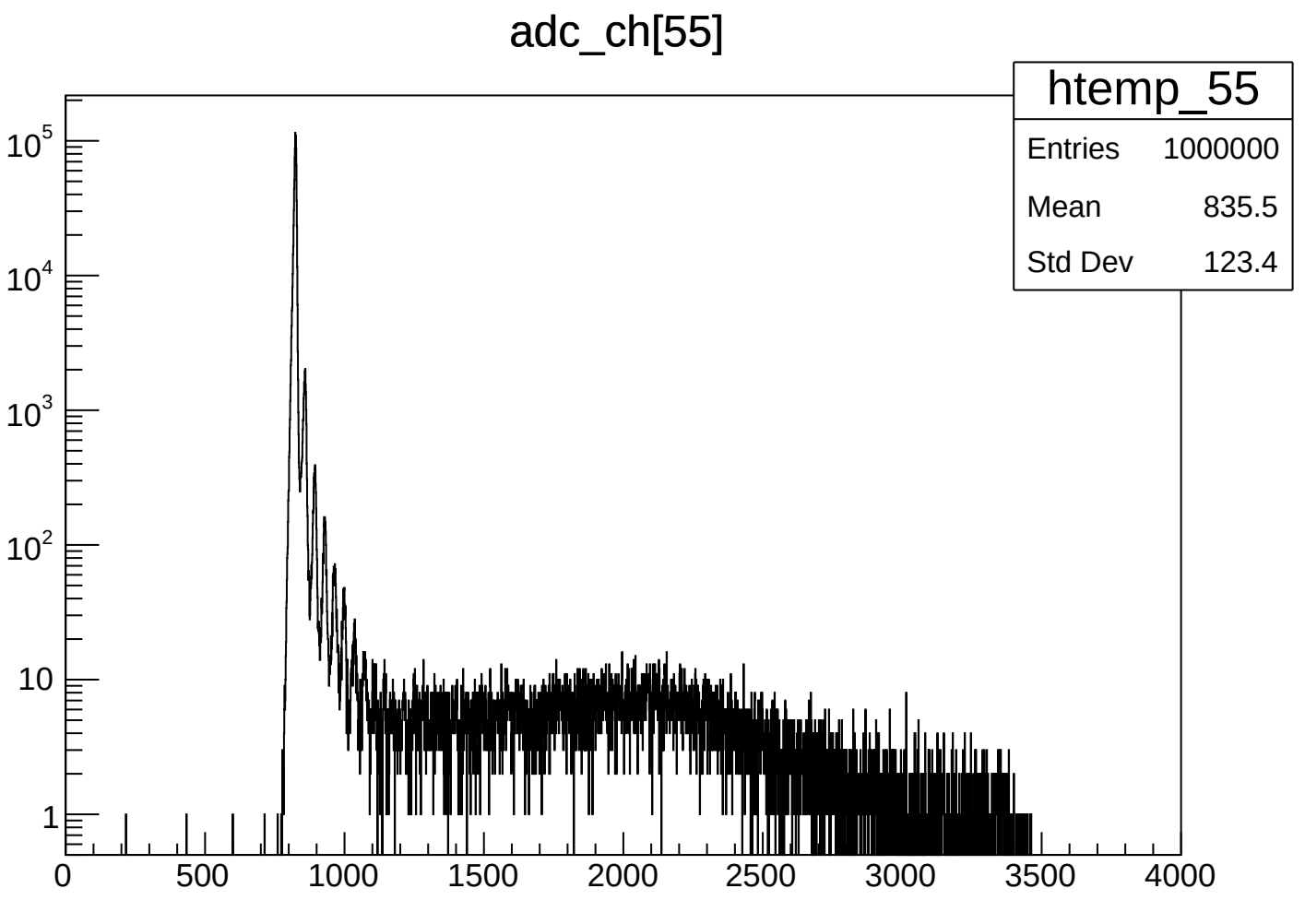

(adc_ch[53]-821.500000)/33.700000
htemp_53_nm
Entries 1000000
Mean 0.2056
Std Dev 2.459
10^6
10^5
10^4
10^3
10^2
10
0
10
20
30
40
50

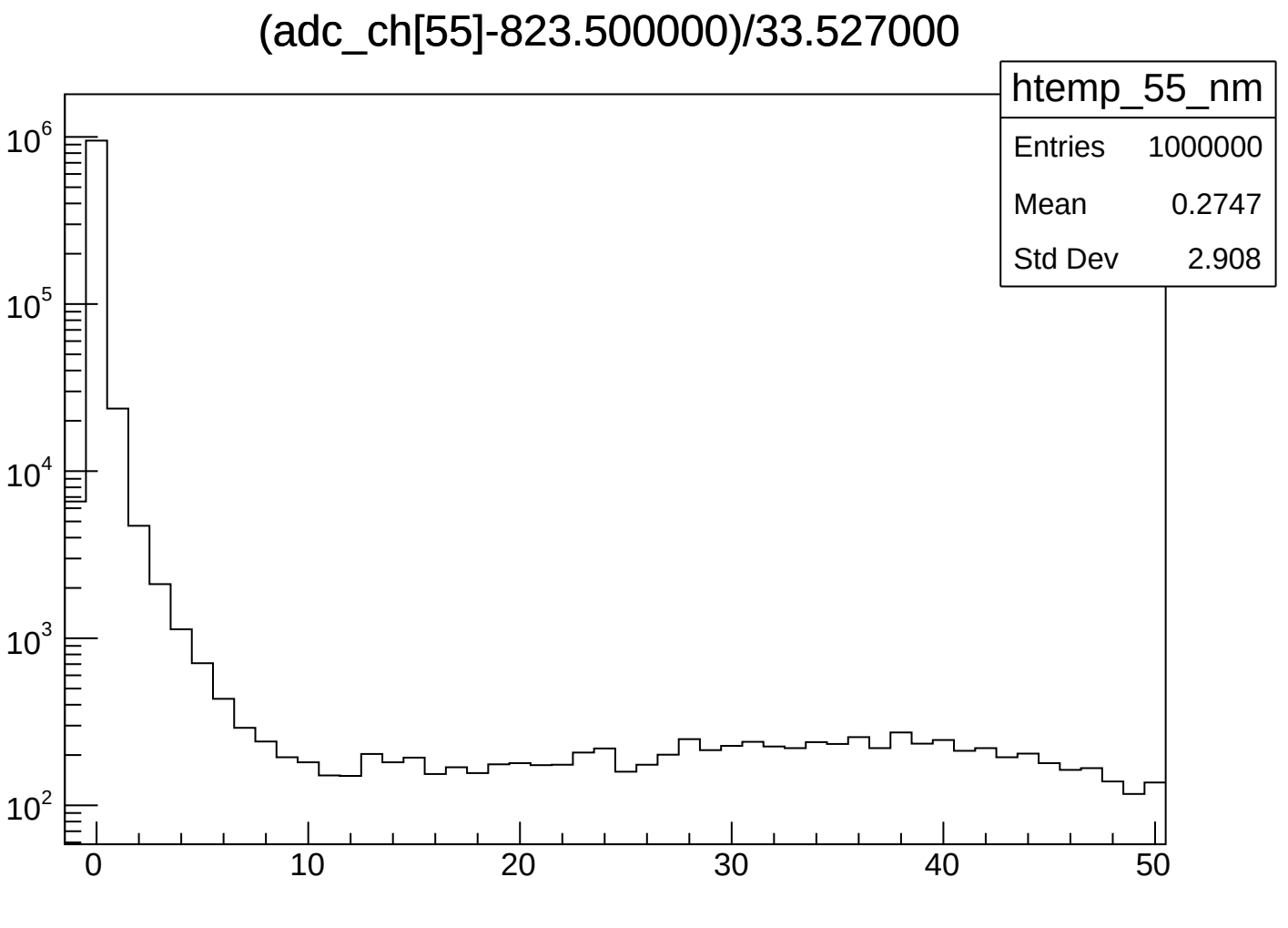

(adc_ch[53]-821.500000)/33.700000
htemp_53_nm
Entries 1000000
Mean 0.2056
Std Dev 2.459
χ² / ndf 34.19 / 23
Constant 464.4 ± 6.5
Mean 19.25 ± 0.20
Sigma 9.821 ± 0.228
Entries
10⁶
10⁵
10⁴
10³
10²
10
0
10
20
30
40
50
[p.e.]

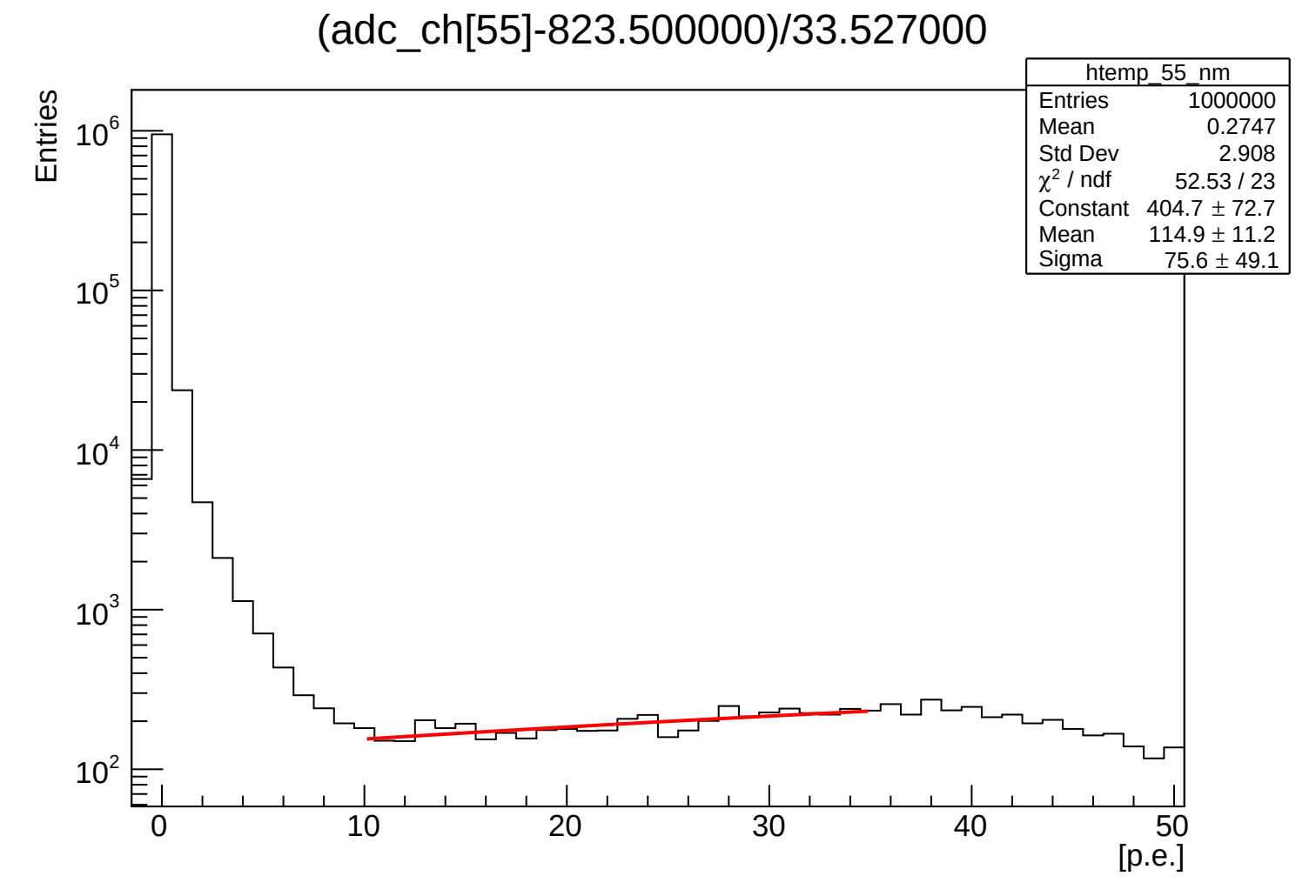

adc_ch[54]
htemp_54
Entries 1000000
Mean 838.4
Std Dev 119.5
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

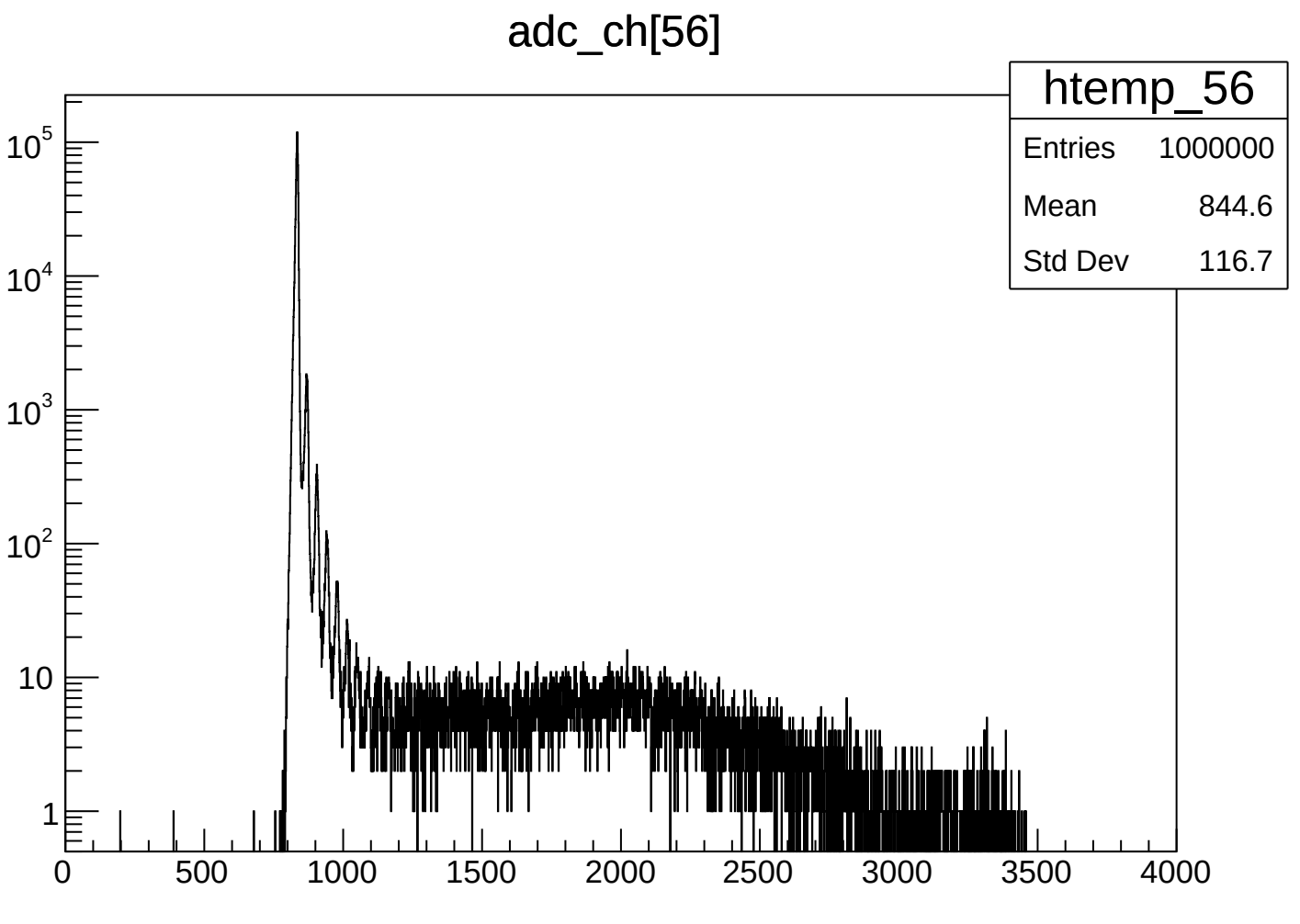

(adc_ch[54]-827.500000)/34.426000
htemp_54_nm
Entries 1000000
Mean 0.2488
Std Dev 2.809
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

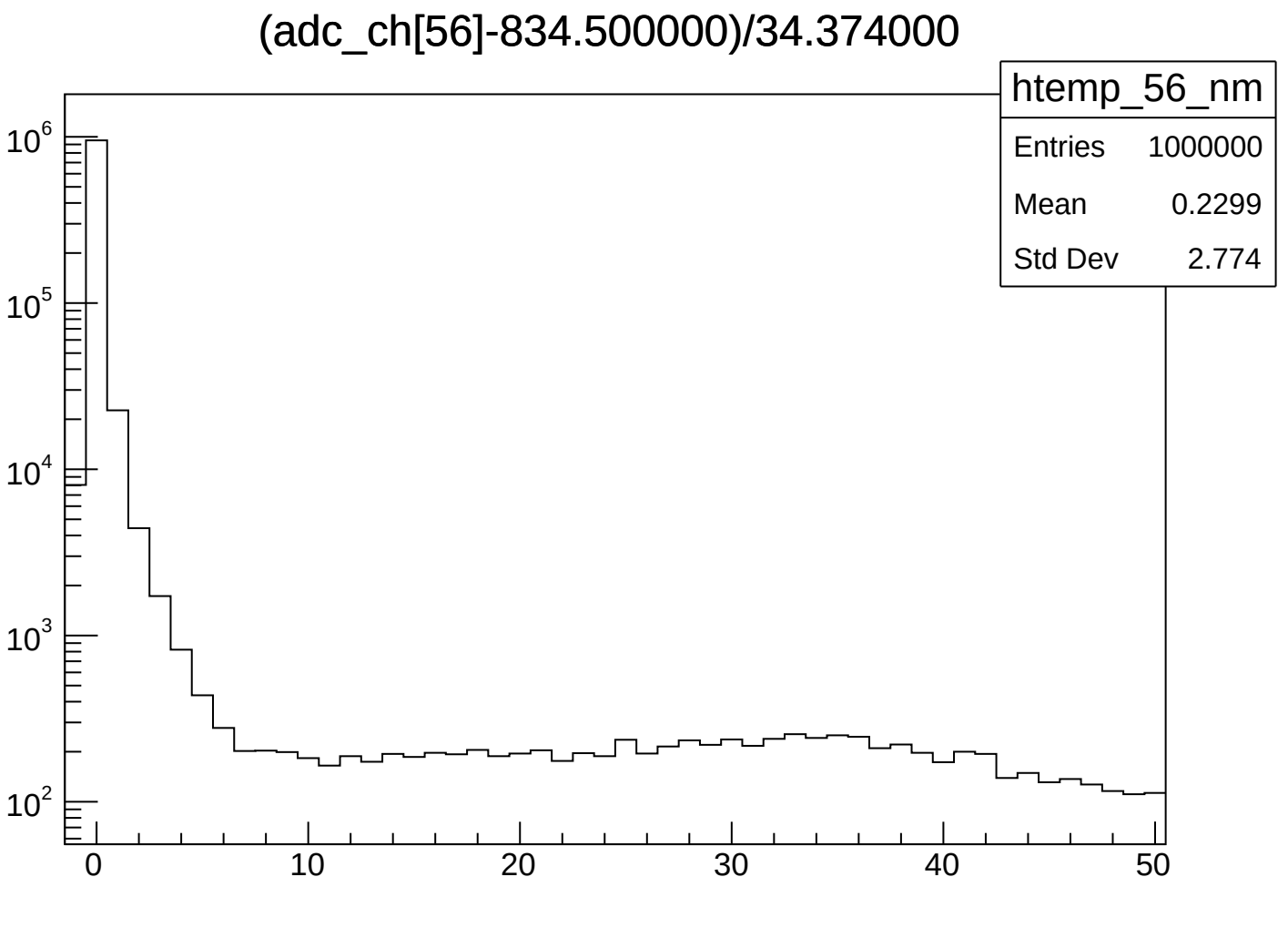

(adc_ch[54]-827.500000)/34.426000
htemp_54_nm
Entries 1000000
Mean 0.2488
Std Dev 2.809
χ² / ndf 21.16 / 23
Constant 305.3 ± 31.2
Mean 82.97 ± 9.52
Sigma 75.07 ± 56.72
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

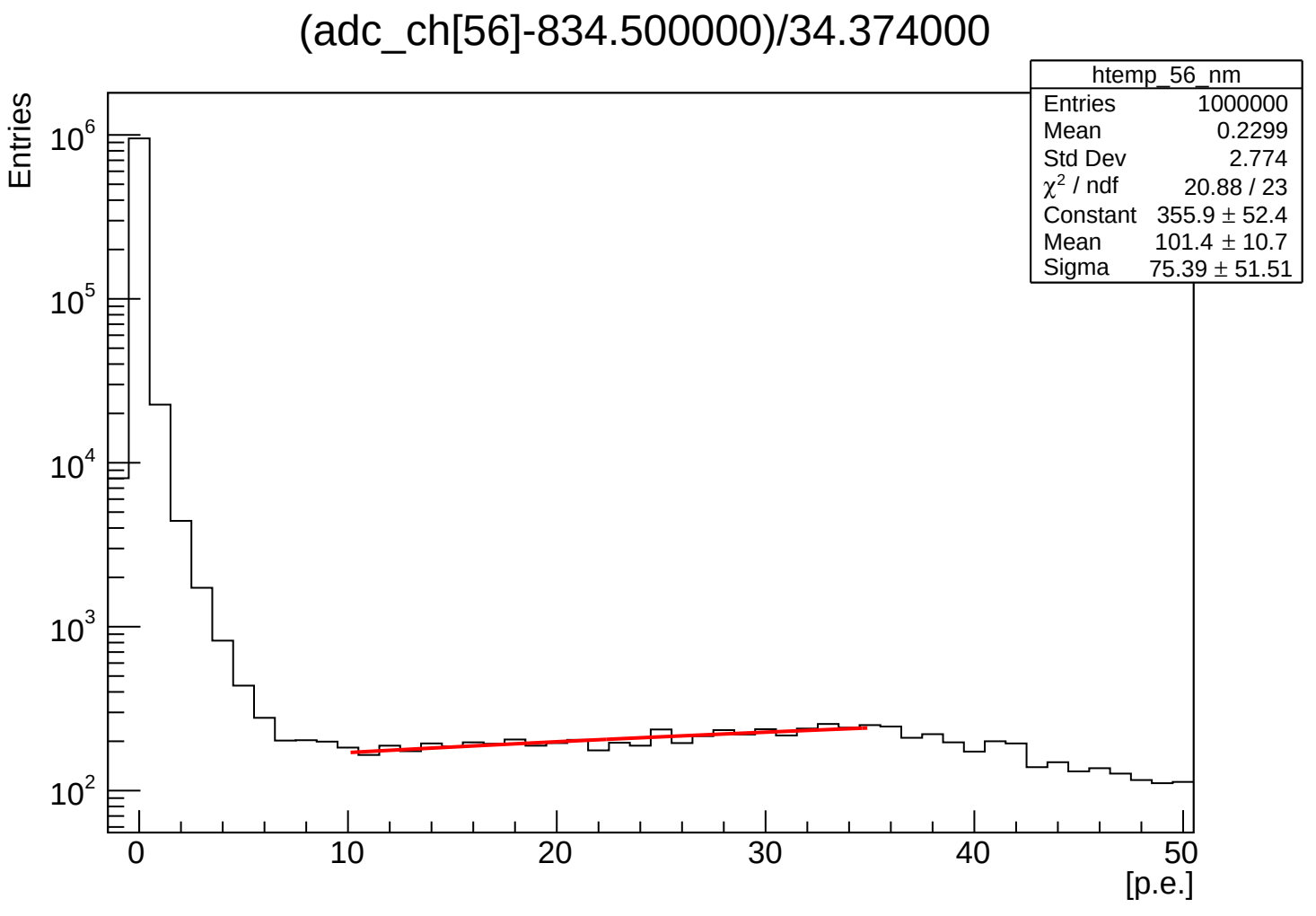

adc_ch[55]
htemp_55
Entries 1000000
Mean 835.5
Std Dev 123.4
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

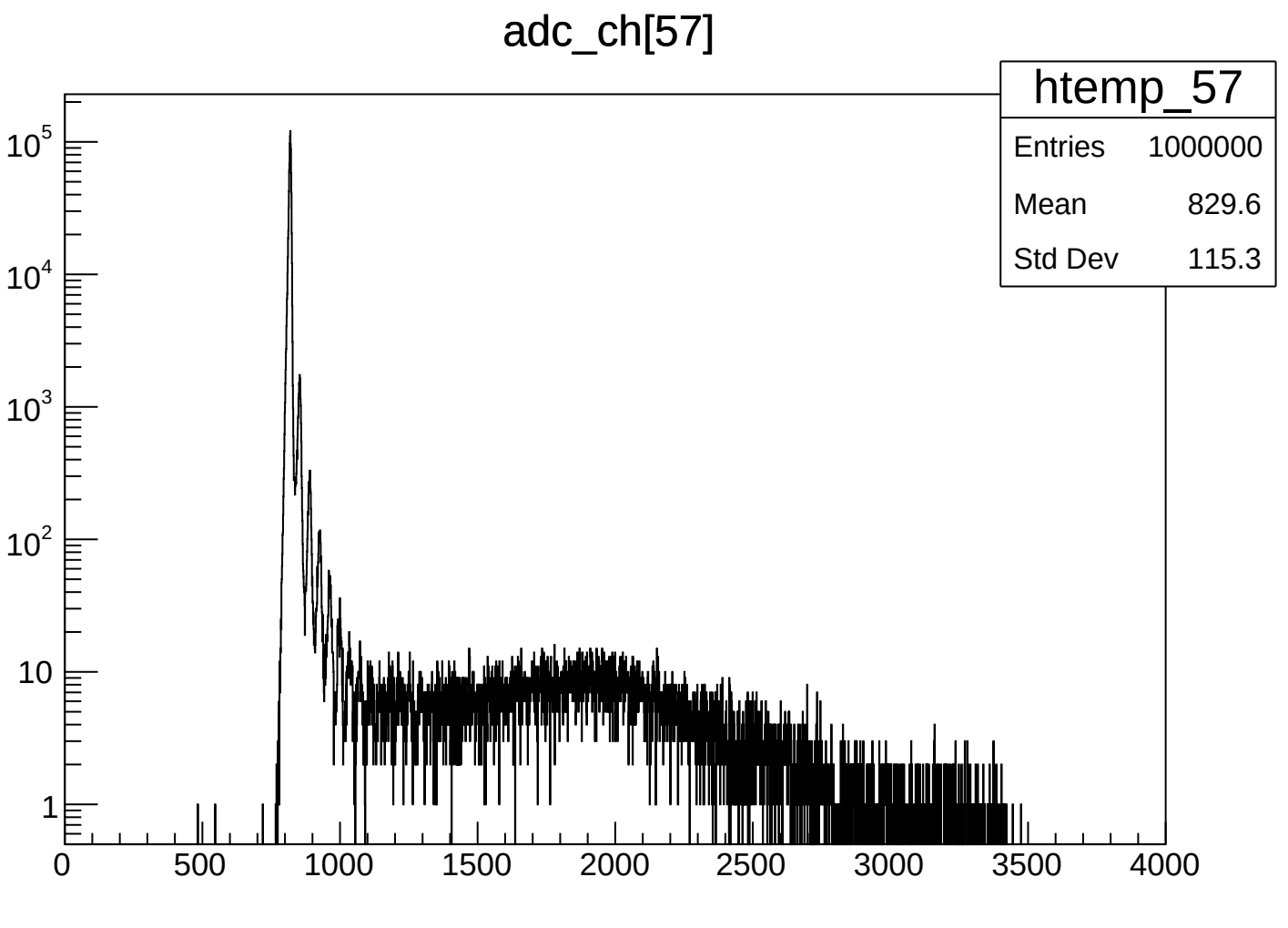

(adc_ch[55]-823.500000)/33.527000
htemp_55_nm
Entries 1000000
Mean 0.2747
Std Dev 2.908
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

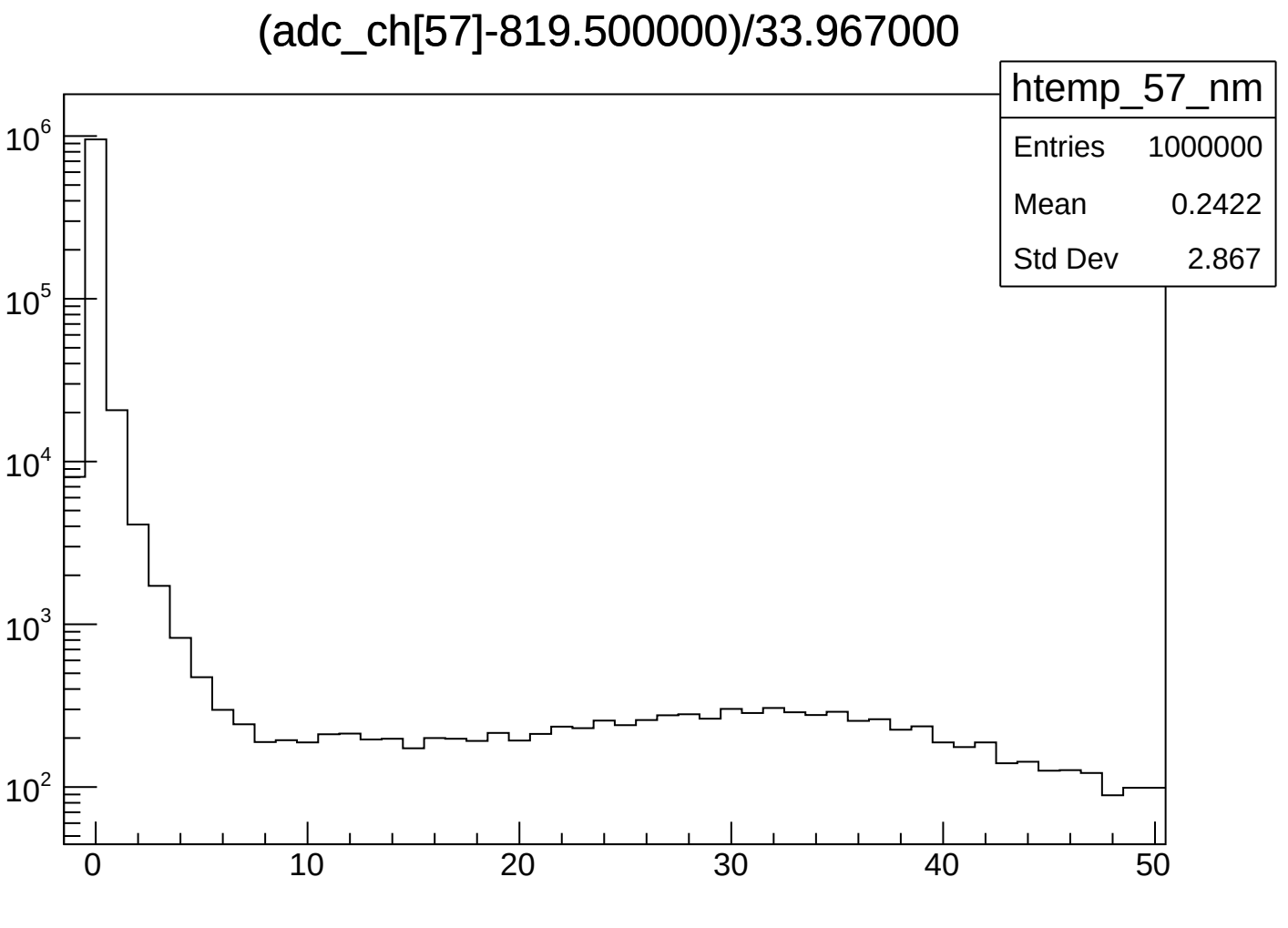

(adc_ch[55]-823.500000)/33.527000
htemp_55_nm
Entries 1000000
Mean 0.2747
Std Dev 2.908
χ² / ndf 52.53 / 23
Constant 404.7 ± 72.7
Mean 114.9 ± 11.2
Sigma 75.6 ± 49.1
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

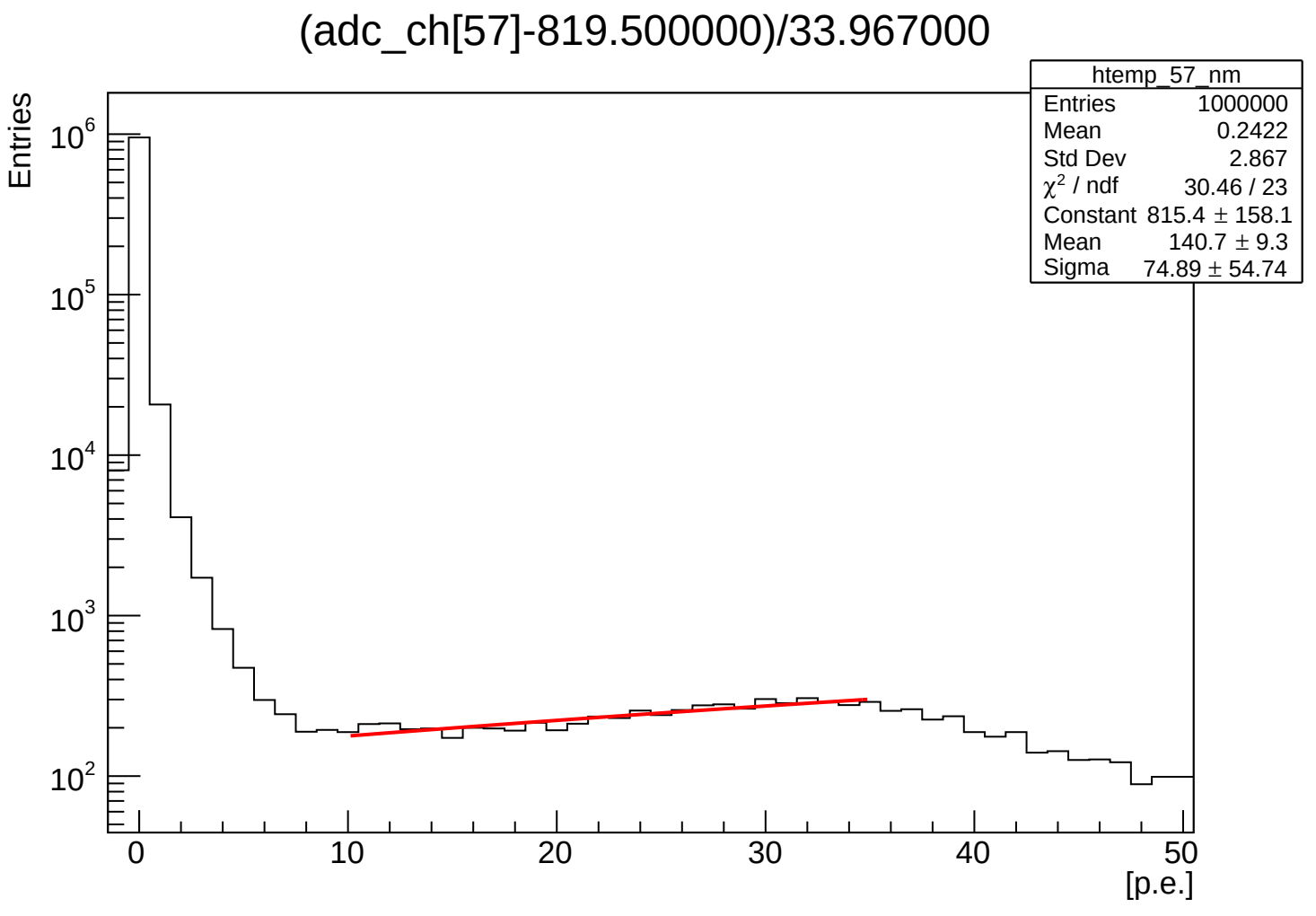

adc_ch[56]
htemp_56
Entries 1000000
Mean 844.6
Std Dev 116.7
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

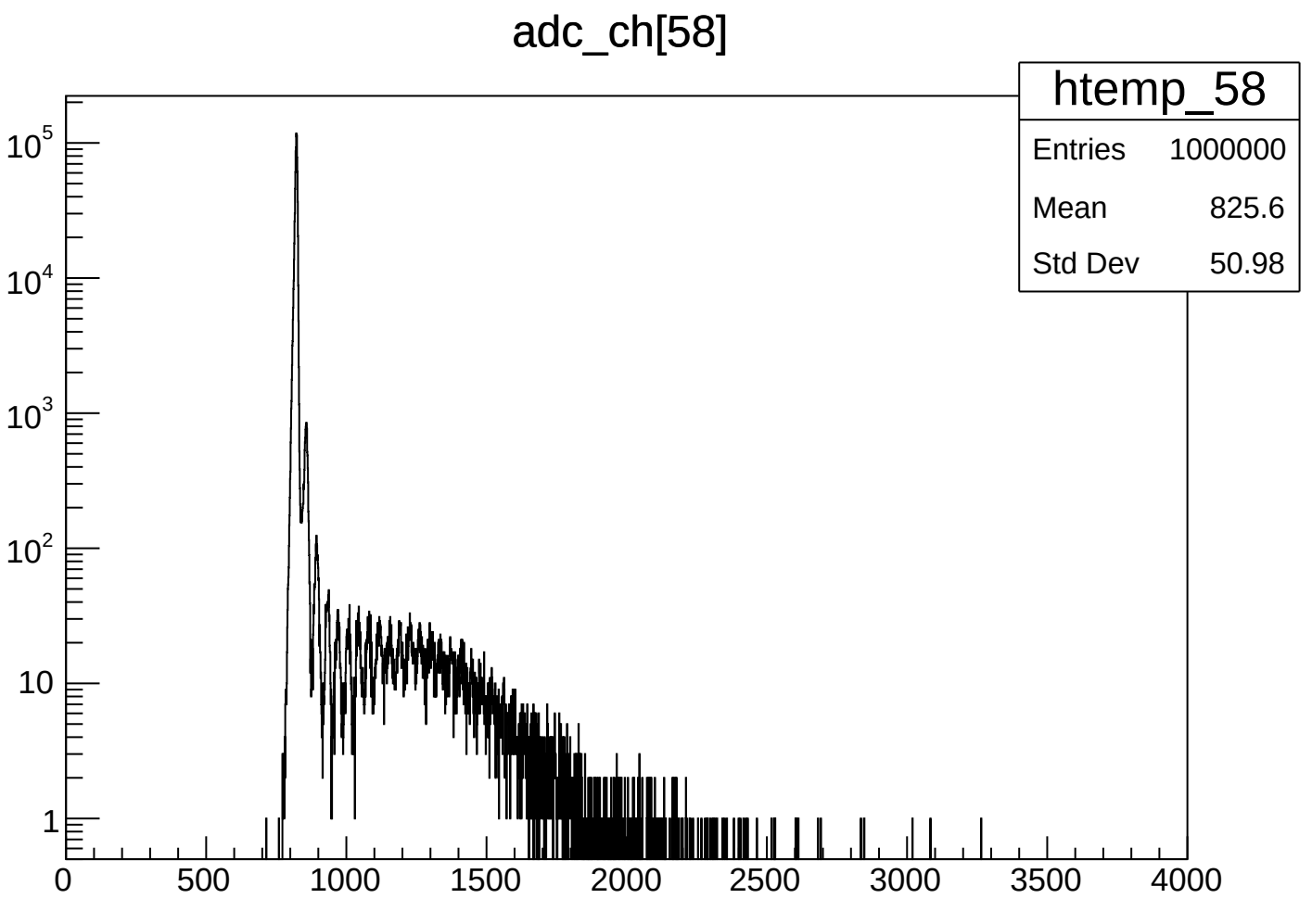

(adc_ch[56]-834.500000)/34.374000
htemp_56_nm
Entries 1000000
Mean 0.2299
Std Dev 2.774
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

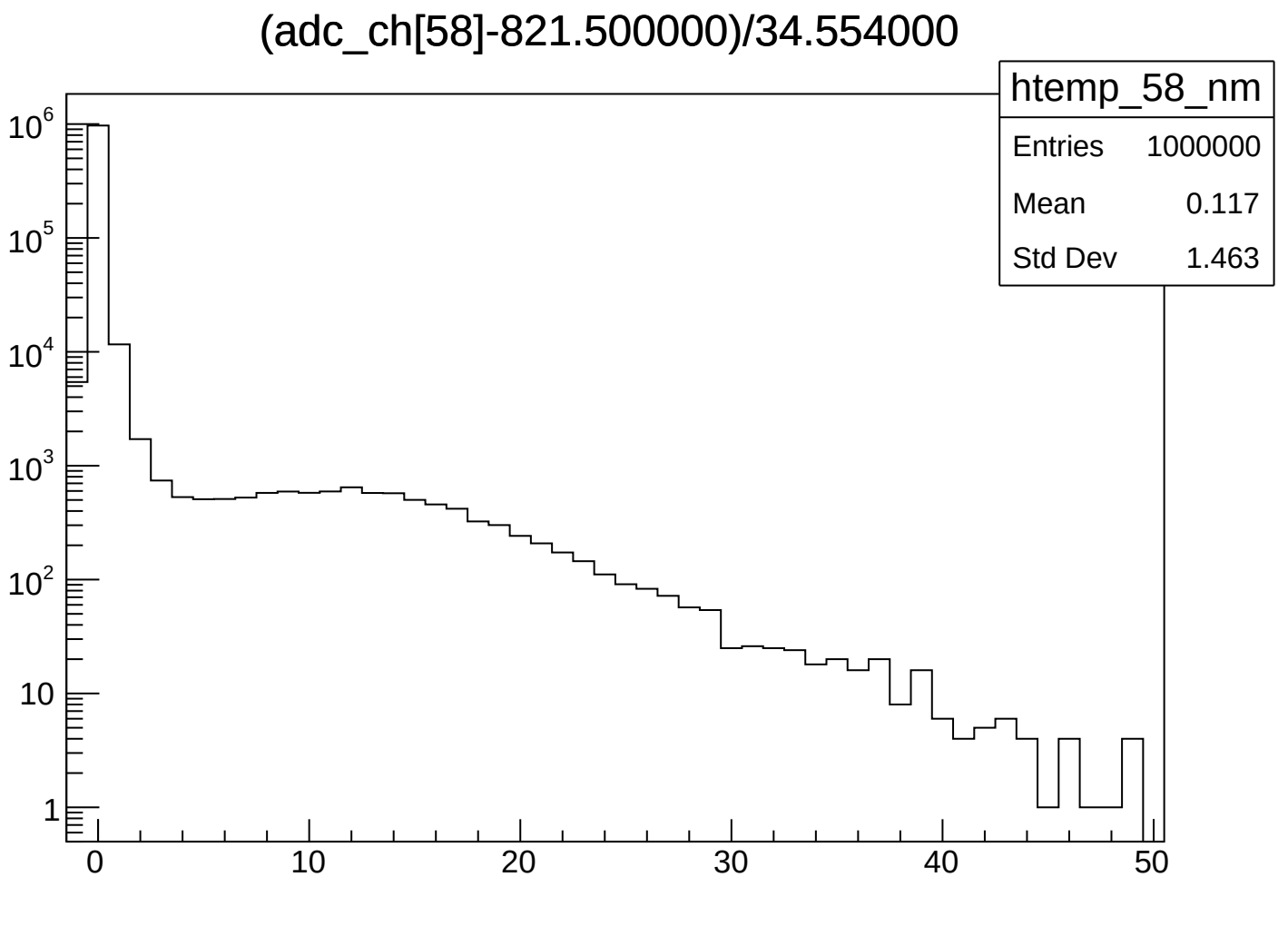

(adc_ch[56]-834.500000)/34.374000
htemp_56_nm
Entries 1000000
Mean 0.2299
Std Dev 2.774
χ² / ndf 20.88 / 23
Constant 355.9 ± 52.4
Mean 101.4 ± 10.7
Sigma 75.39 ± 51.51
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

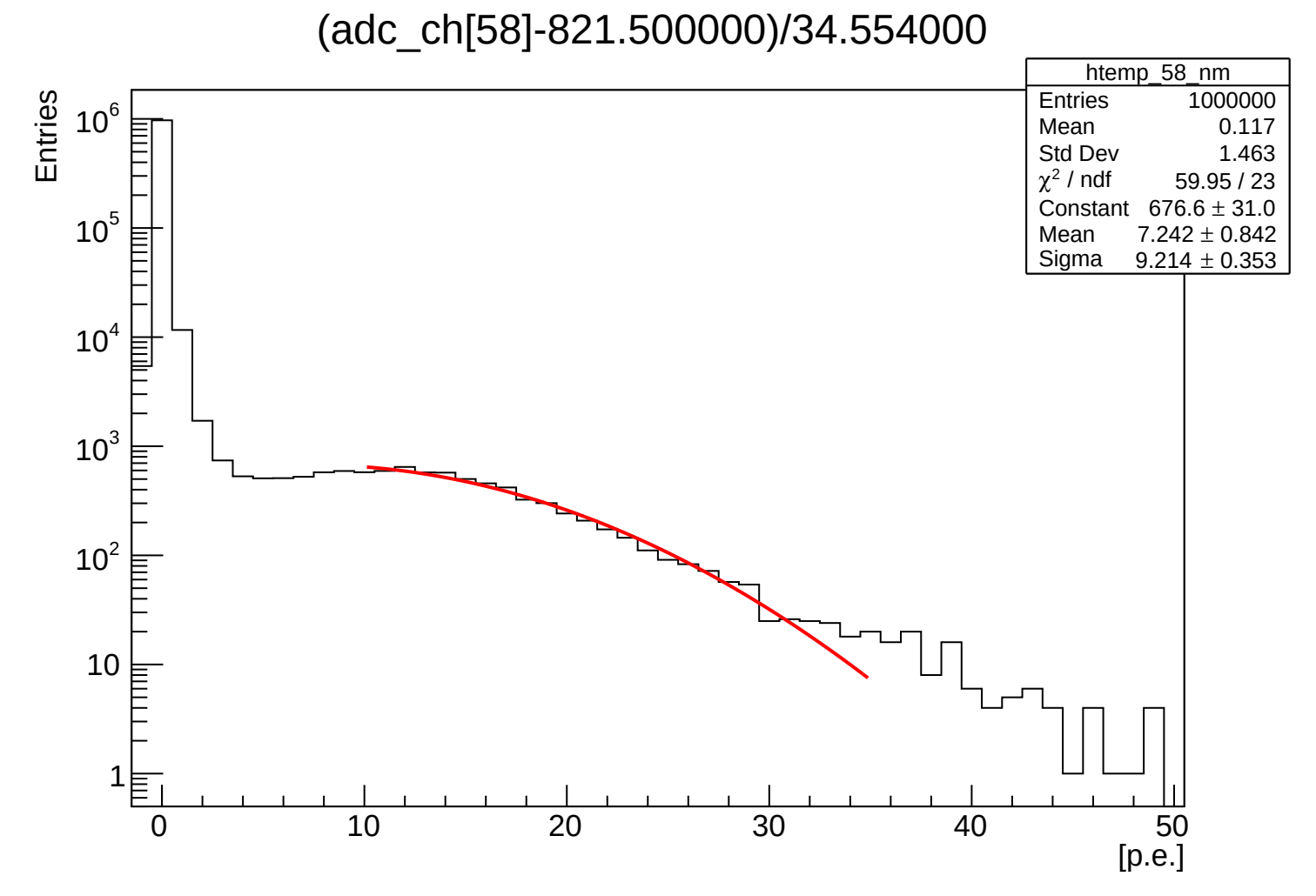

adc_ch[57]
htemp_57
Entries 1000000
Mean 829.6
Std Dev 115.3
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

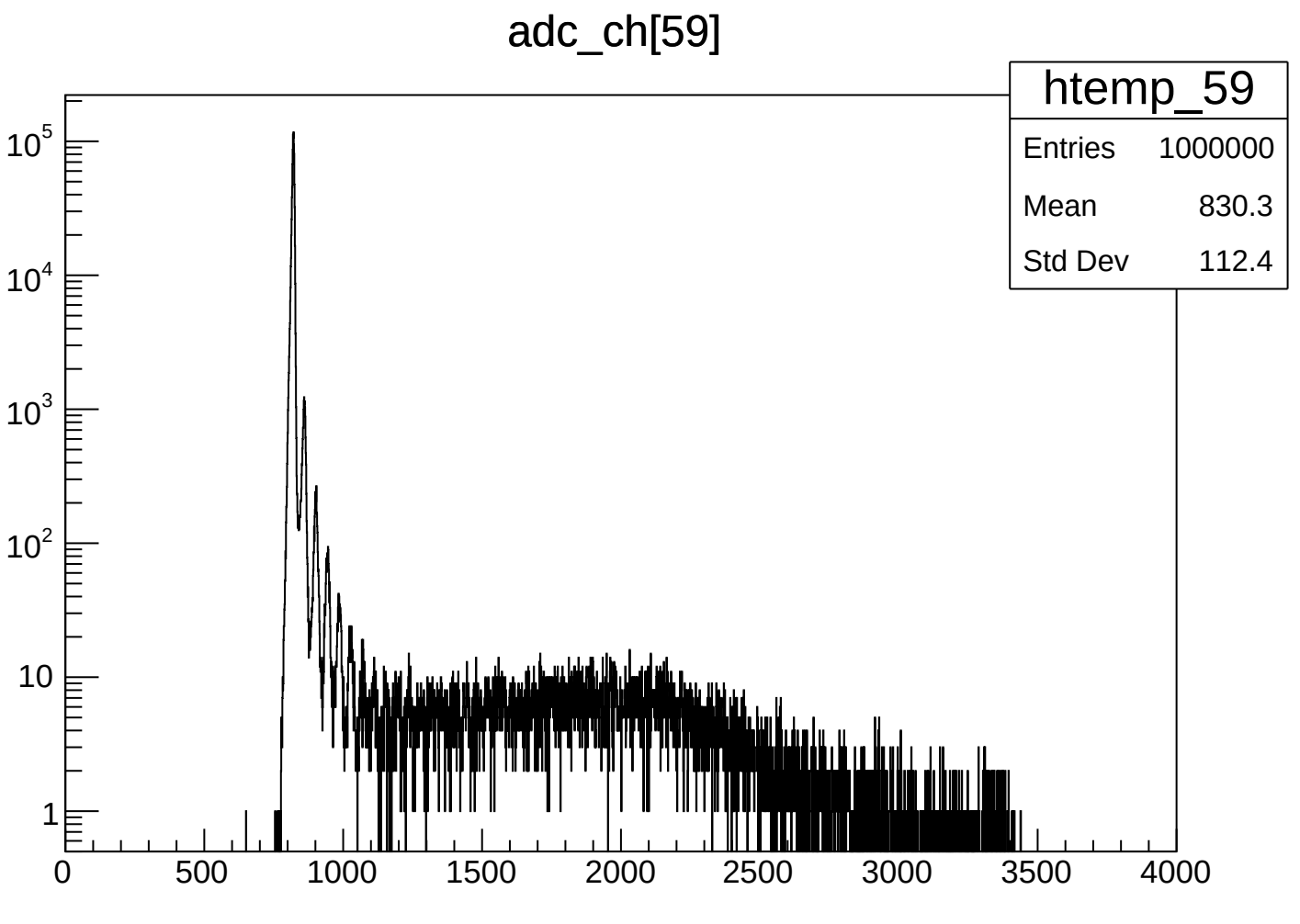

(adc_ch[57]-819.500000)/33.967000
htemp_57_nm
Entries 1000000
Mean 0.2422
Std Dev 2.867
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

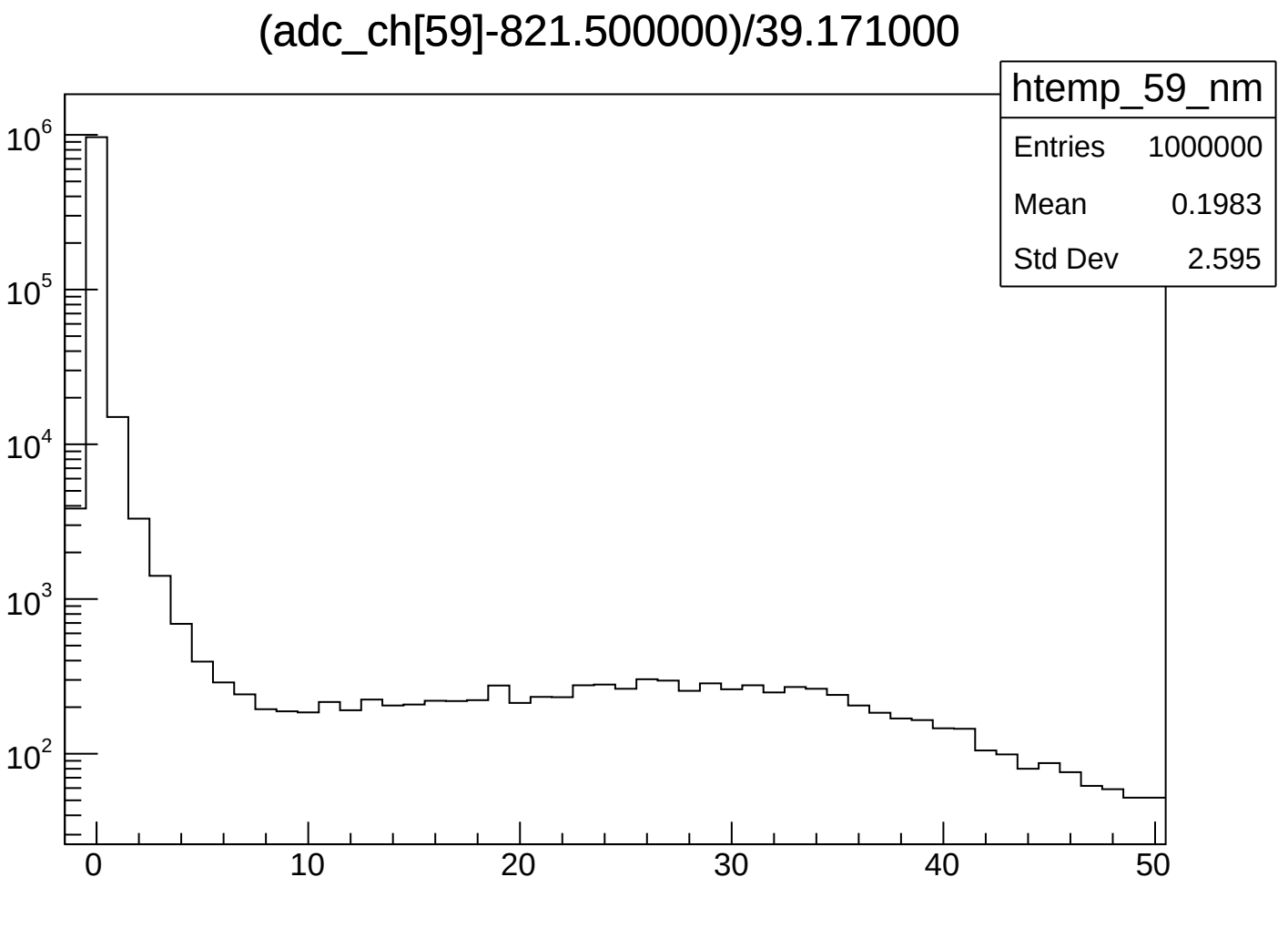

(adc_ch[57]-819.500000)/33.967000
htemp_57_nm
Entries 1000000
Mean 0.2422
Std Dev 2.867
χ² / ndf 30.46 / 23
Constant 815.4 ± 158.1
Mean 140.7 ± 9.3
Sigma 74.89 ± 54.74
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

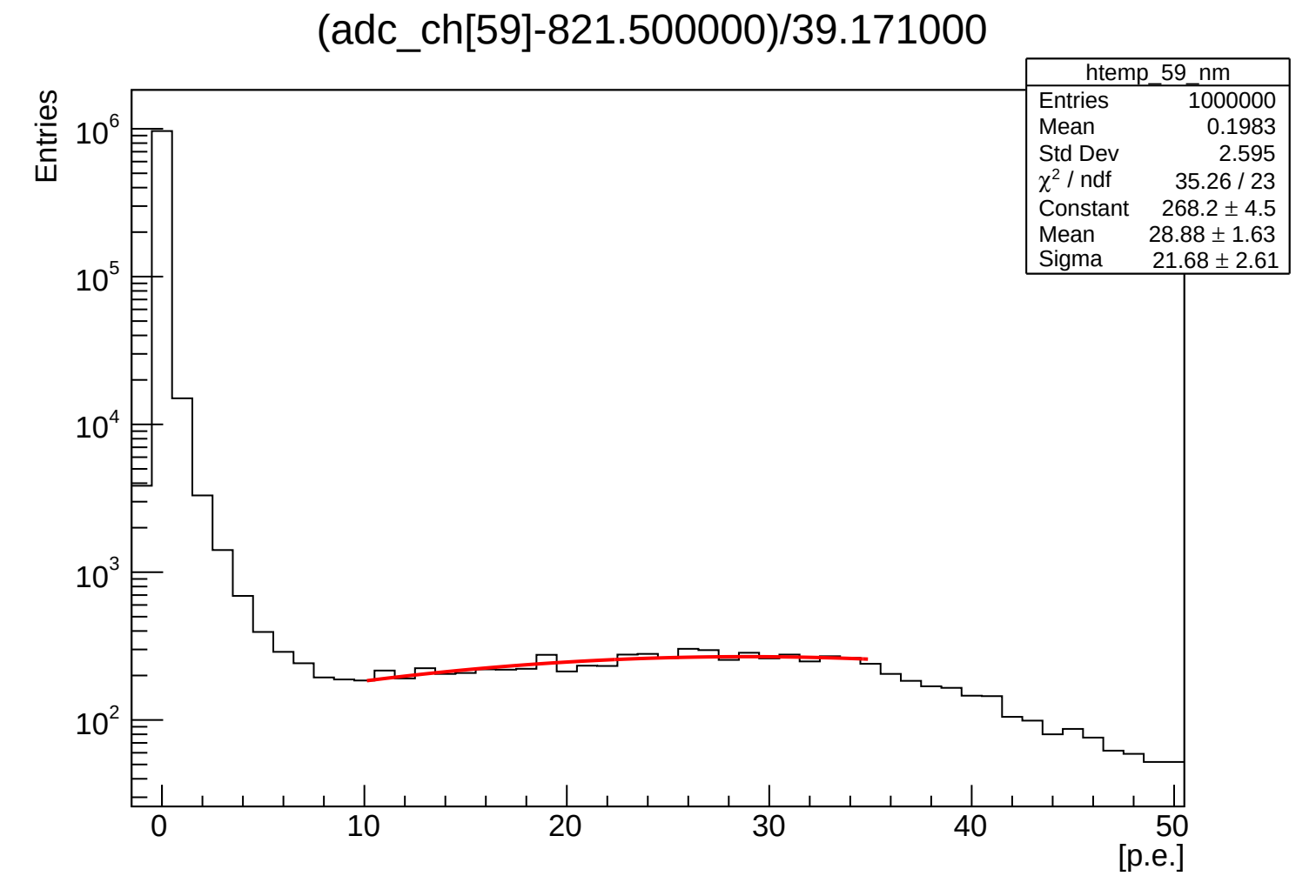

adc_ch[58]
htemp_58
Entries 1000000
Mean 825.6
Std Dev 50.98
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

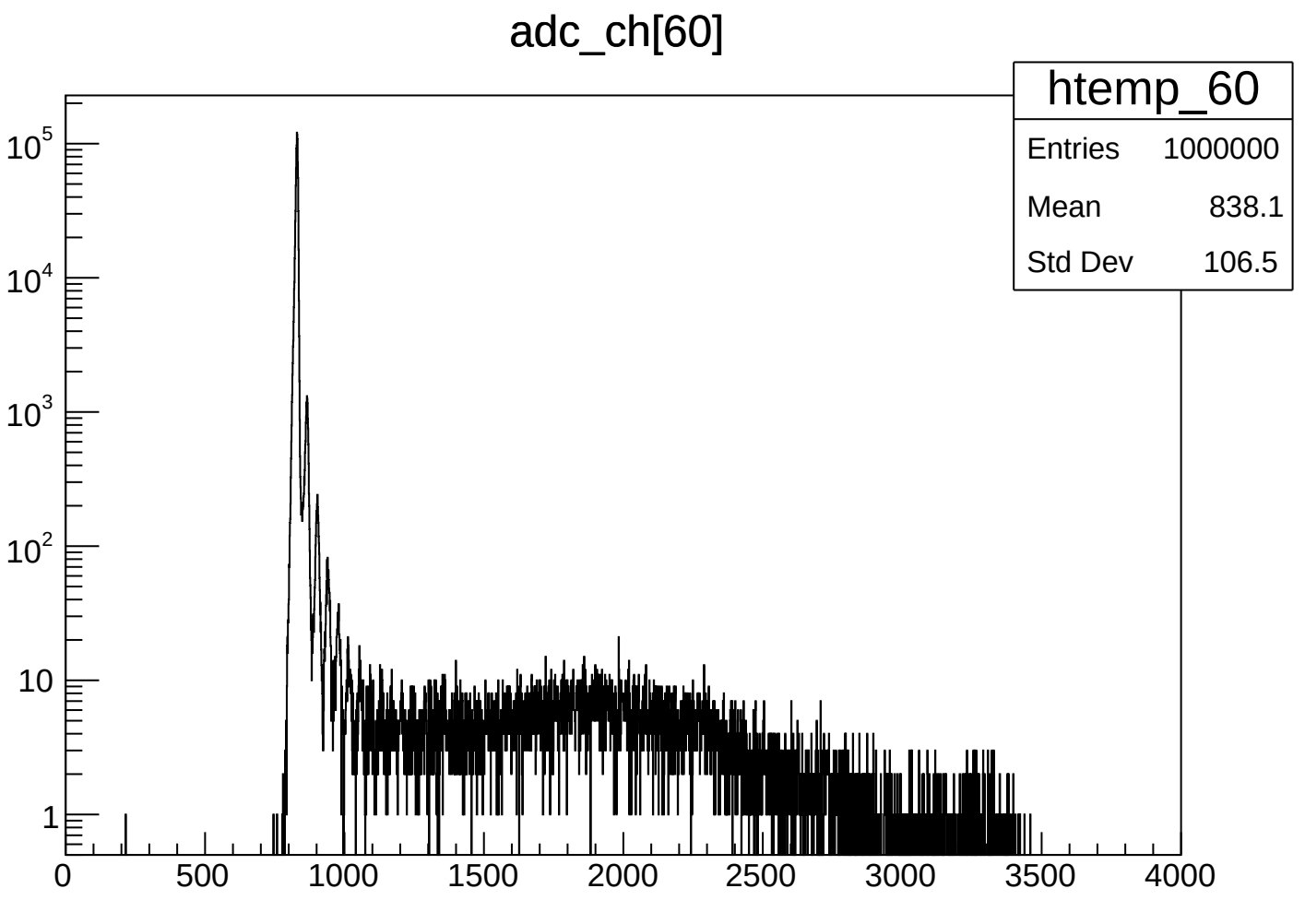

(adc_ch[58]-821.500000)/34.554000
htemp_58_nm
Entries 1000000
Mean 0.117
Std Dev 1.463
10^6
10^5
10^4
10^3
10^2
10
1
0
10
20
30
40
50

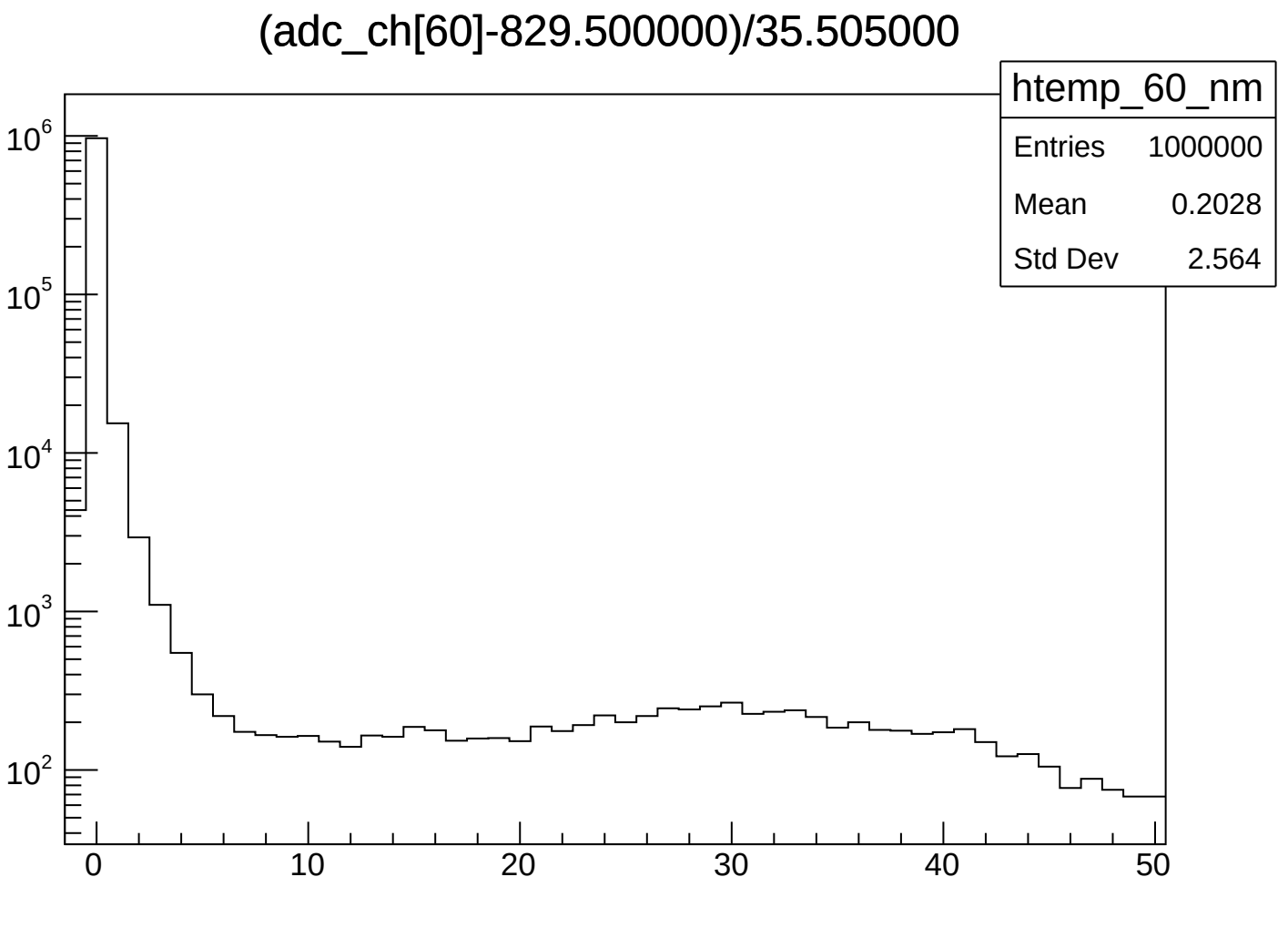

(adc_ch[58]-821.500000)/34.554000
htemp_58_nm
Entries 1000000
Mean 0.117
Std Dev 1.463
χ² / ndf 59.95 / 23
Constant 676.6 ± 31.0
Mean 7.242 ± 0.842
Sigma 9.214 ± 0.353
Entries
10⁶
10⁵
10⁴
10³
10²
10
1
0
10
20
30
40
50
[p.e.]

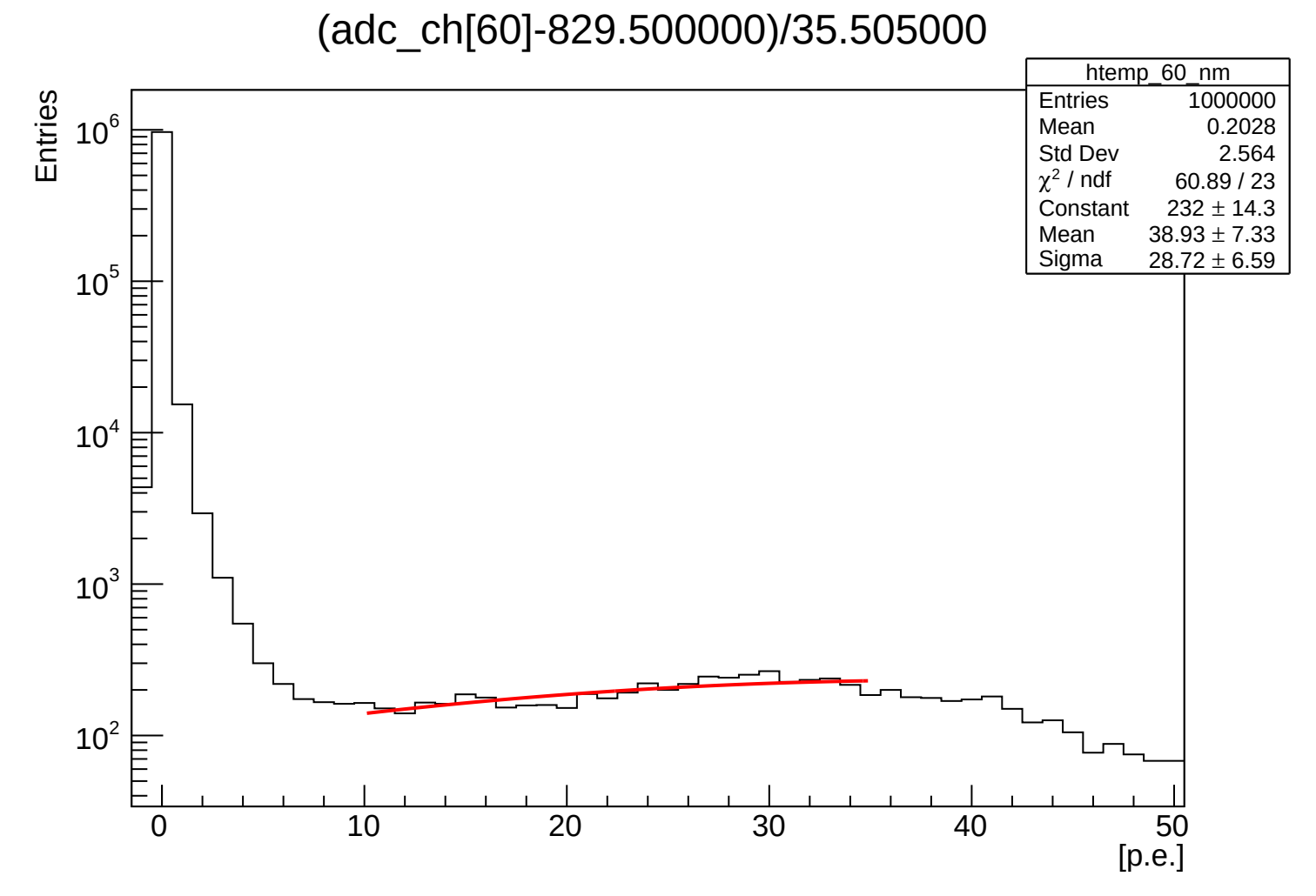

adc_ch[59]
htemp_59
Entries 1000000
Mean 830.3
Std Dev 112.4
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

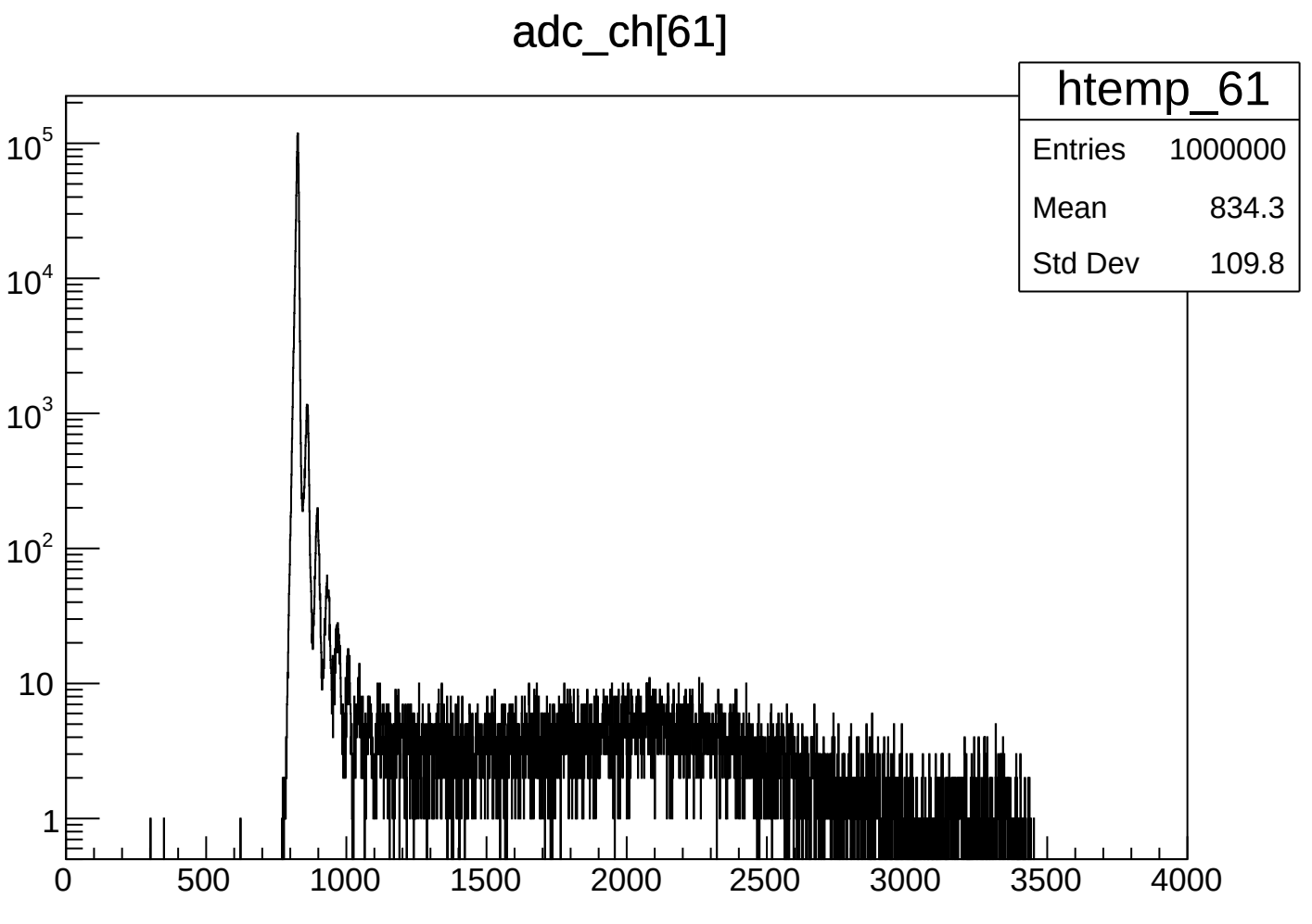

(adc_ch[59]-821.500000)/39.171000
htemp_59_nm
Entries 1000000
Mean 0.1983
Std Dev 2.595
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

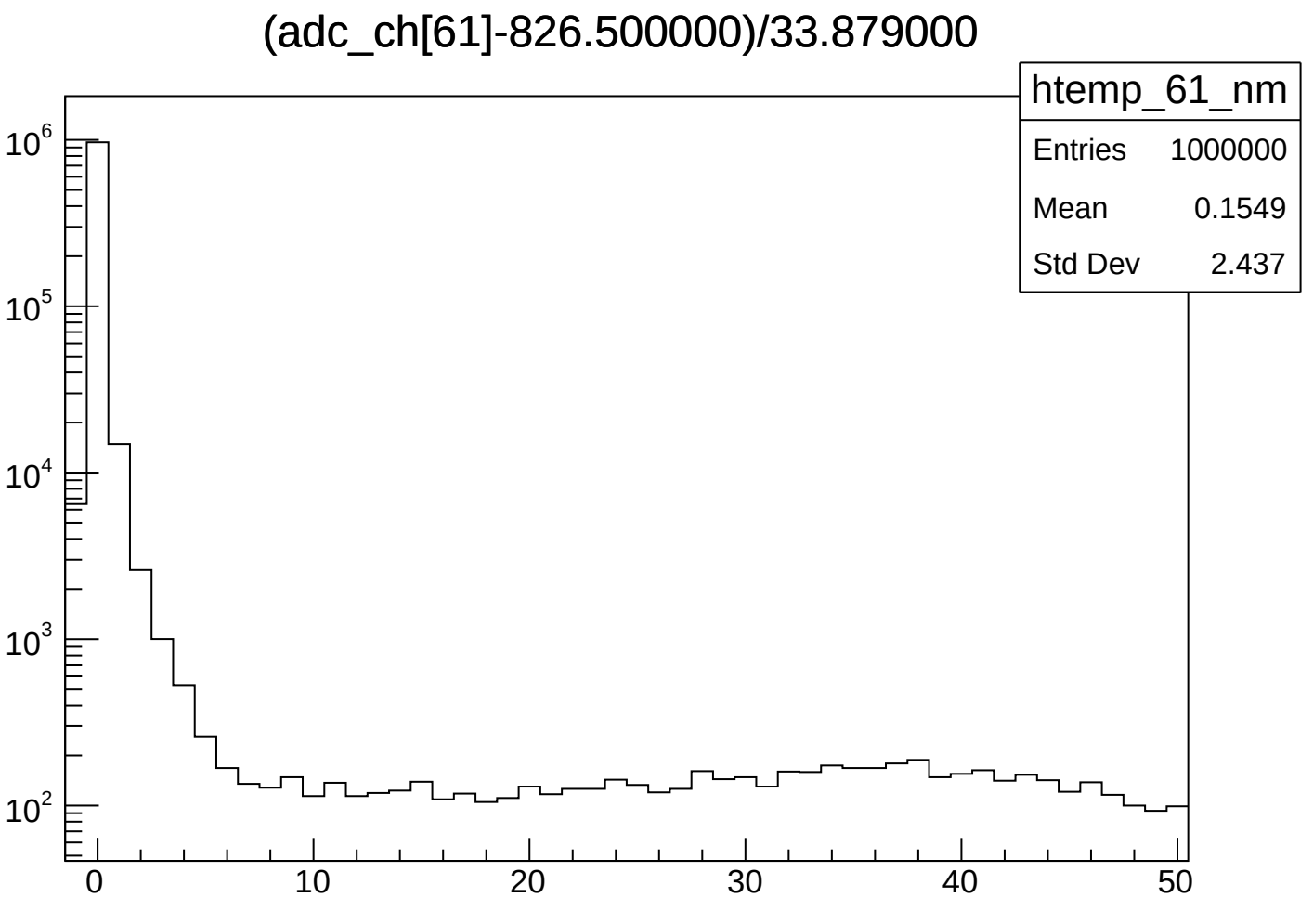

(adc_ch[59]-821.500000)/39.171000
htemp_59_nm
Entries 1000000
Mean 0.1983
Std Dev 2.595
χ² / ndf 35.26 / 23
Constant 268.2 ± 4.5
Mean 28.88 ± 1.63
Sigma 21.68 ± 2.61
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

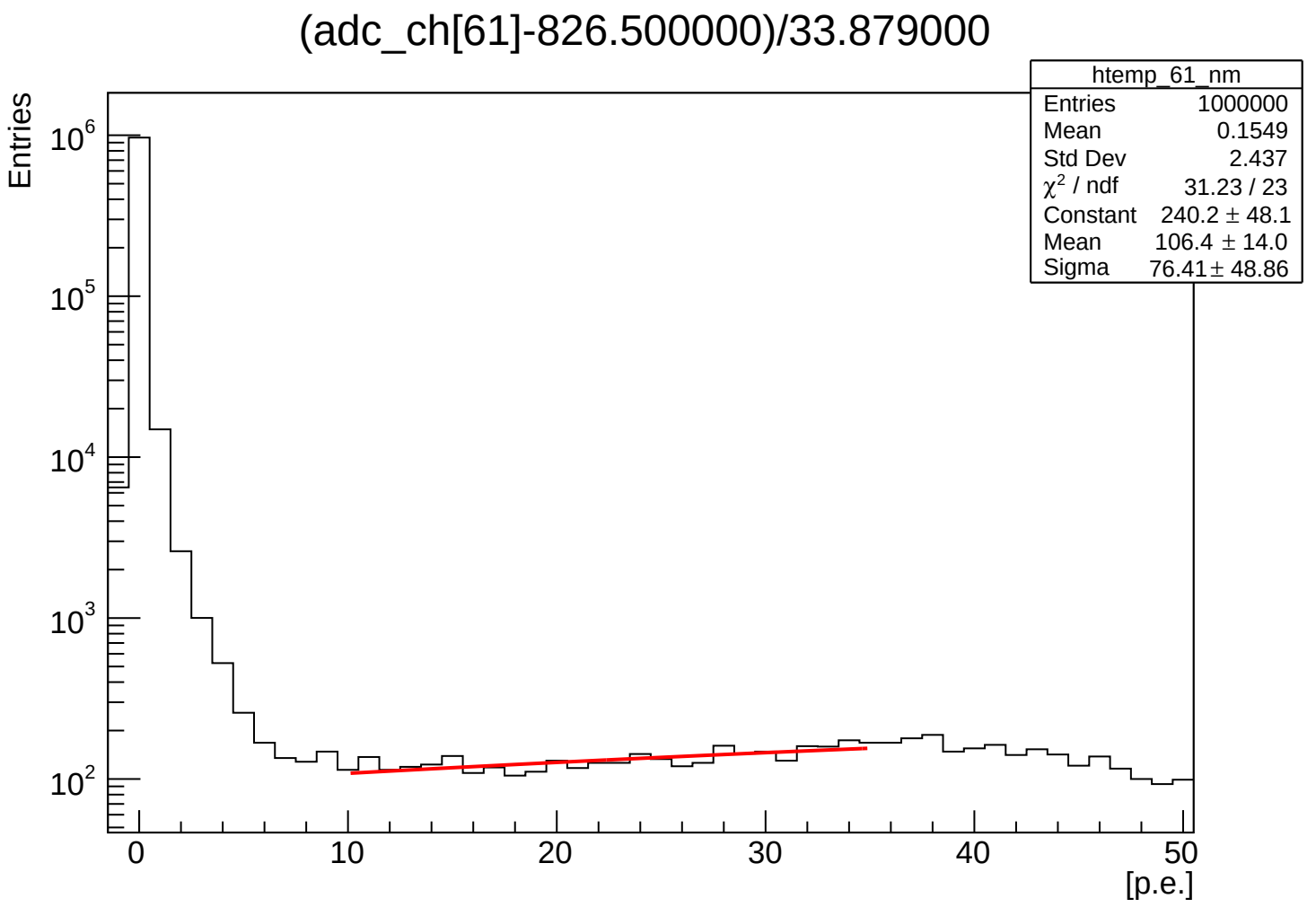

adc_ch[60]
htemp_60
Entries 1000000
Mean 838.1
Std Dev 106.5
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

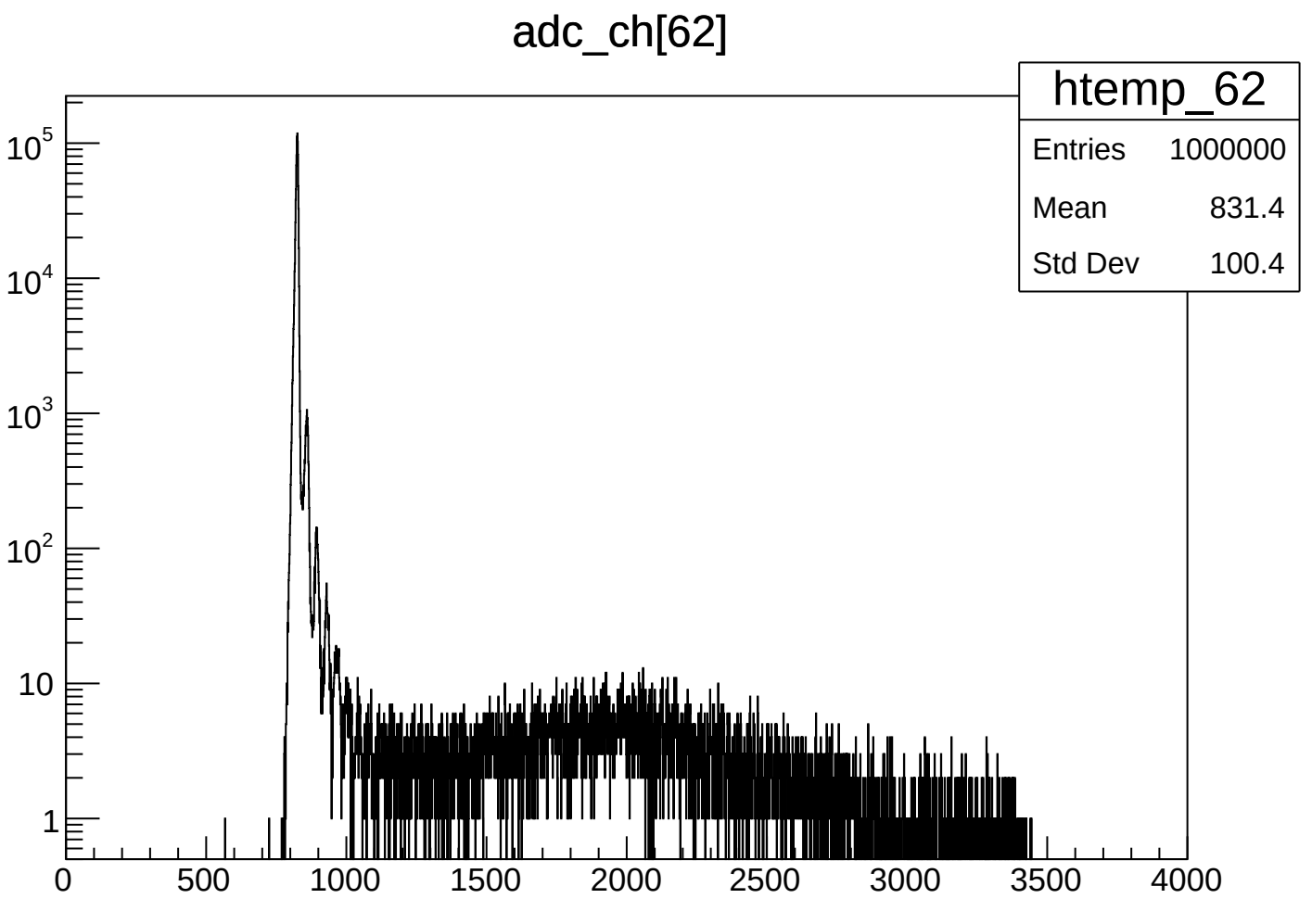

(adc_ch[60]-829.500000)/35.505000
htemp_60_nm
Entries 1000000
Mean 0.2028
Std Dev 2.564
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

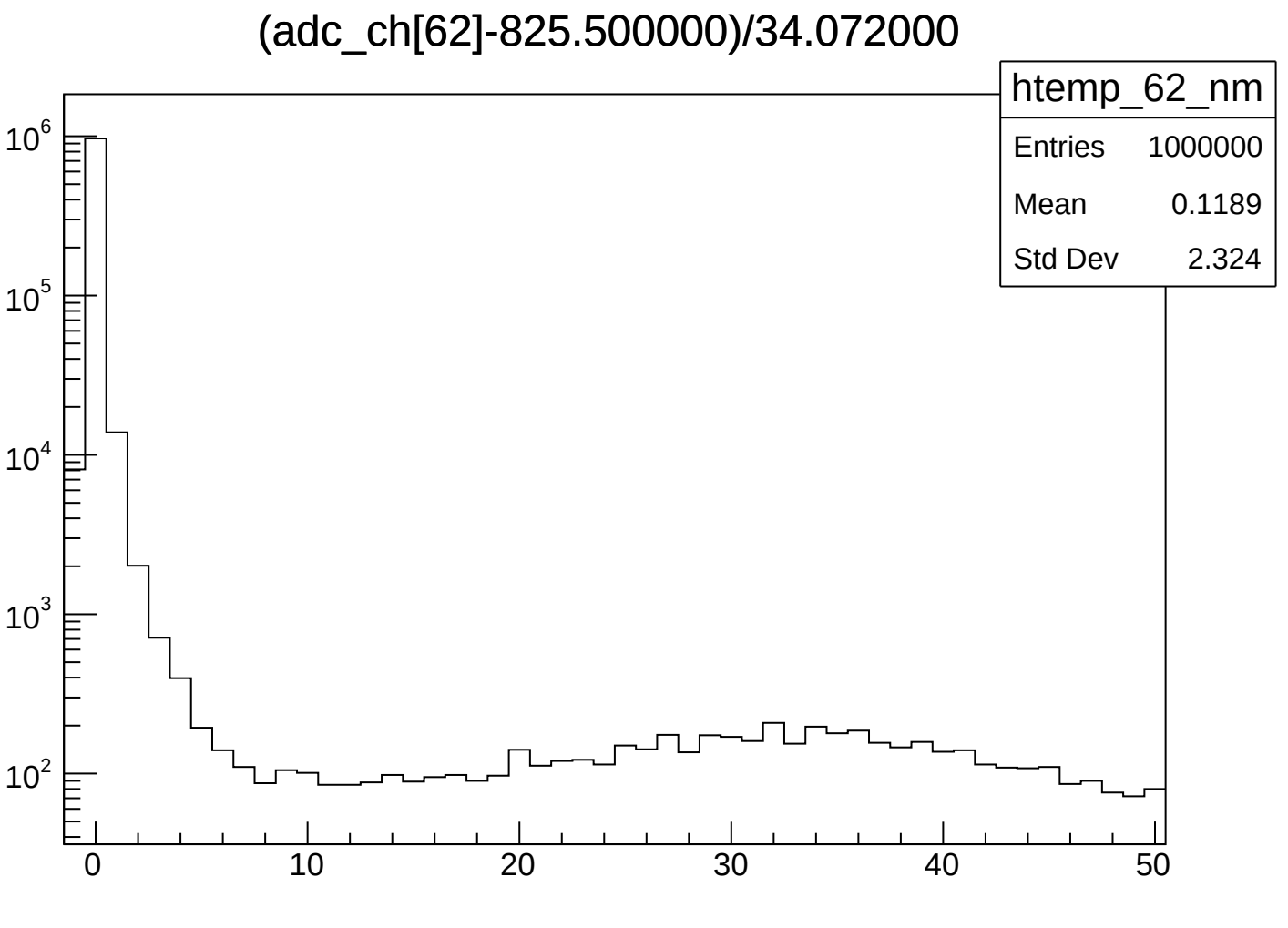

(adc_ch[60]-829.500000)/35.505000
htemp_60_nm
Entries 1000000
Mean 0.2028
Std Dev 2.564
χ² / ndf 60.89 / 23
Constant 232 ± 14.3
Mean 38.93 ± 7.33
Sigma 28.72 ± 6.59
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

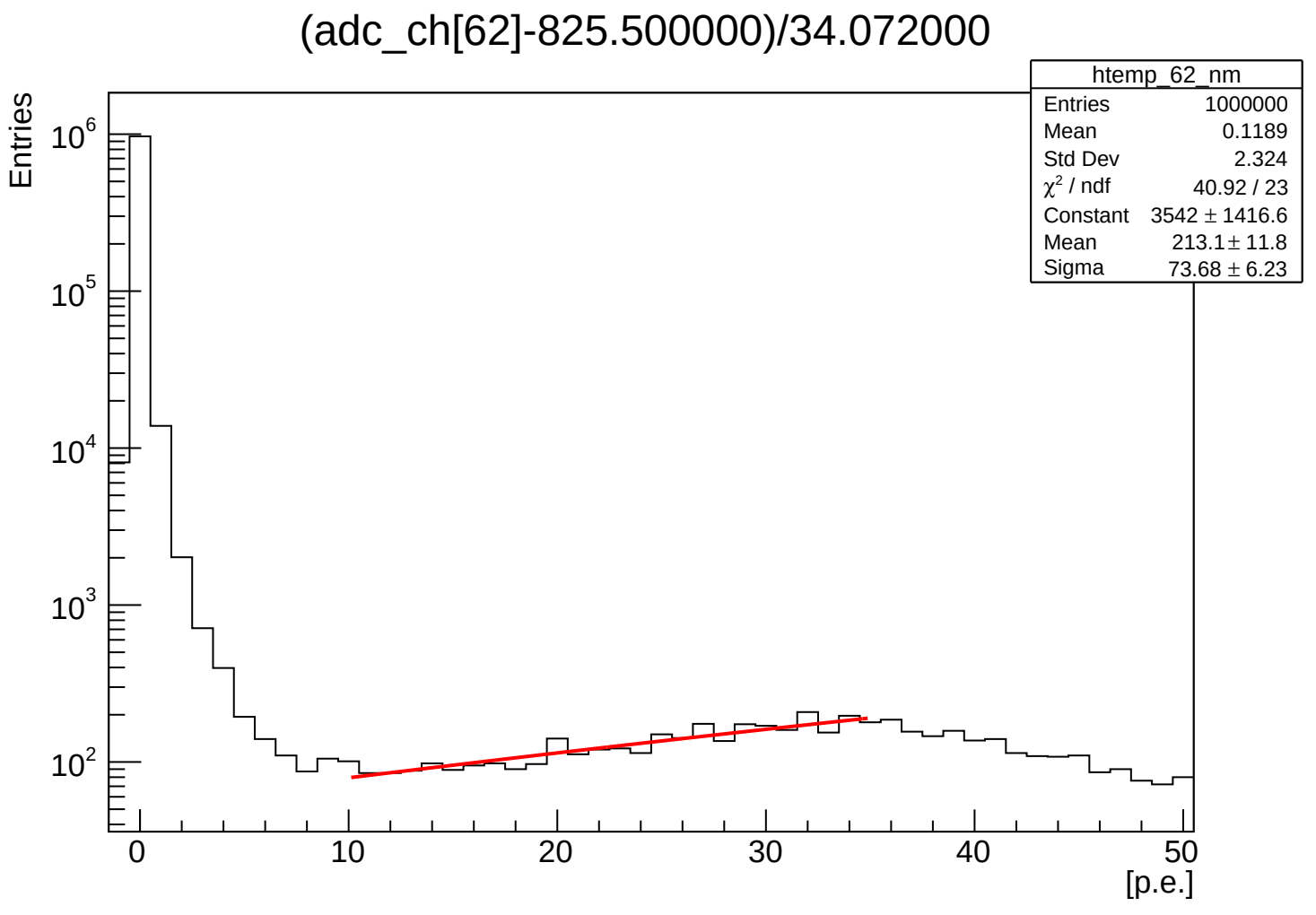

adc_ch[61]
htemp_61
Entries 1000000
Mean 834.3
Std Dev 109.8
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

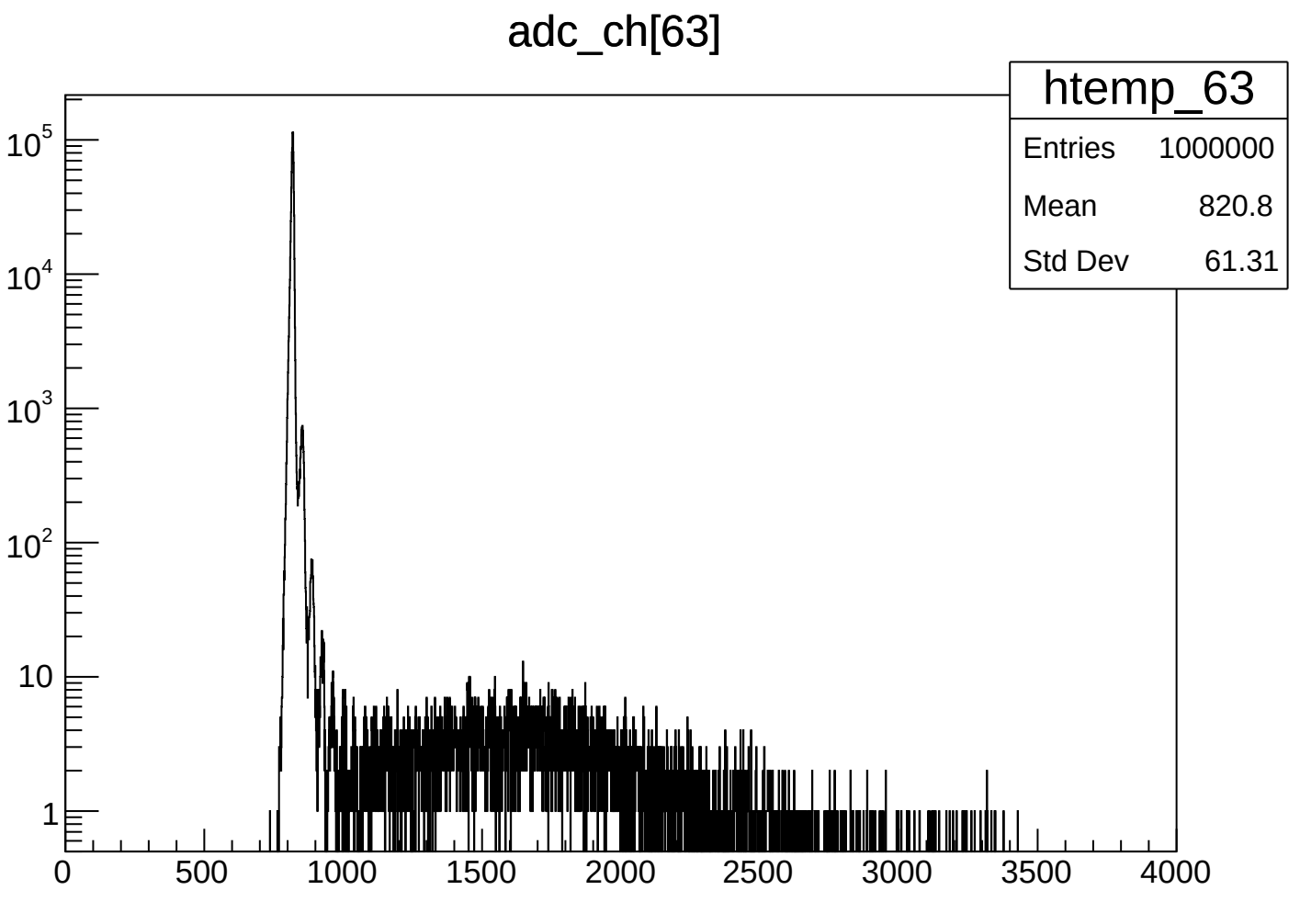

(adc_ch[61]-826.500000)/33.879000
htemp_61_nm
Entries 1000000
Mean 0.1549
Std Dev 2.437
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50

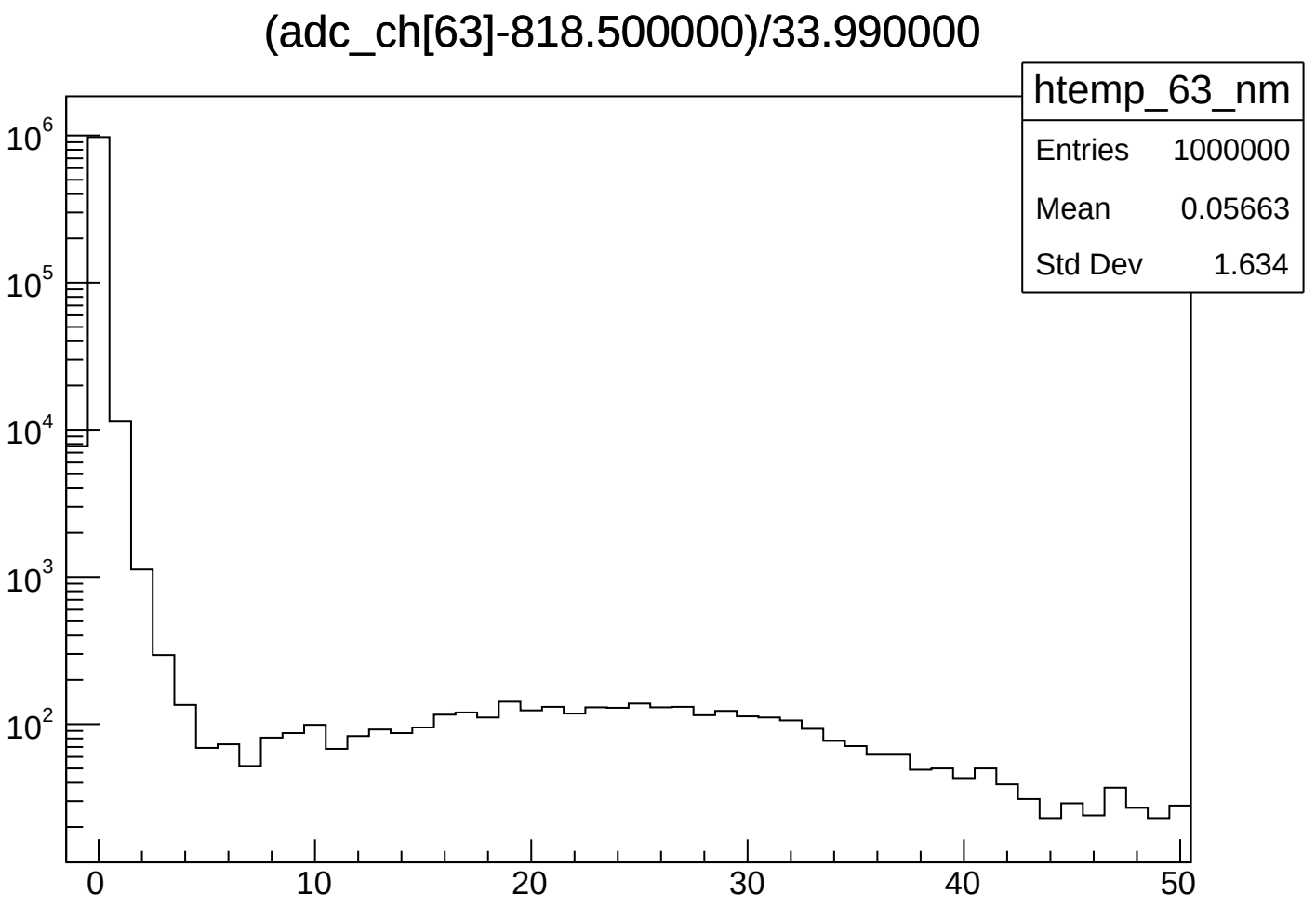

(adc_ch[61]-826.500000)/33.879000
htemp_61_nm
Entries 1000000
Mean 0.1549
Std Dev 2.437
χ² / ndf 31.23 / 23
Constant 240.2 ± 48.1
Mean 106.4 ± 14.0
Sigma 76.41 ± 48.86
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]

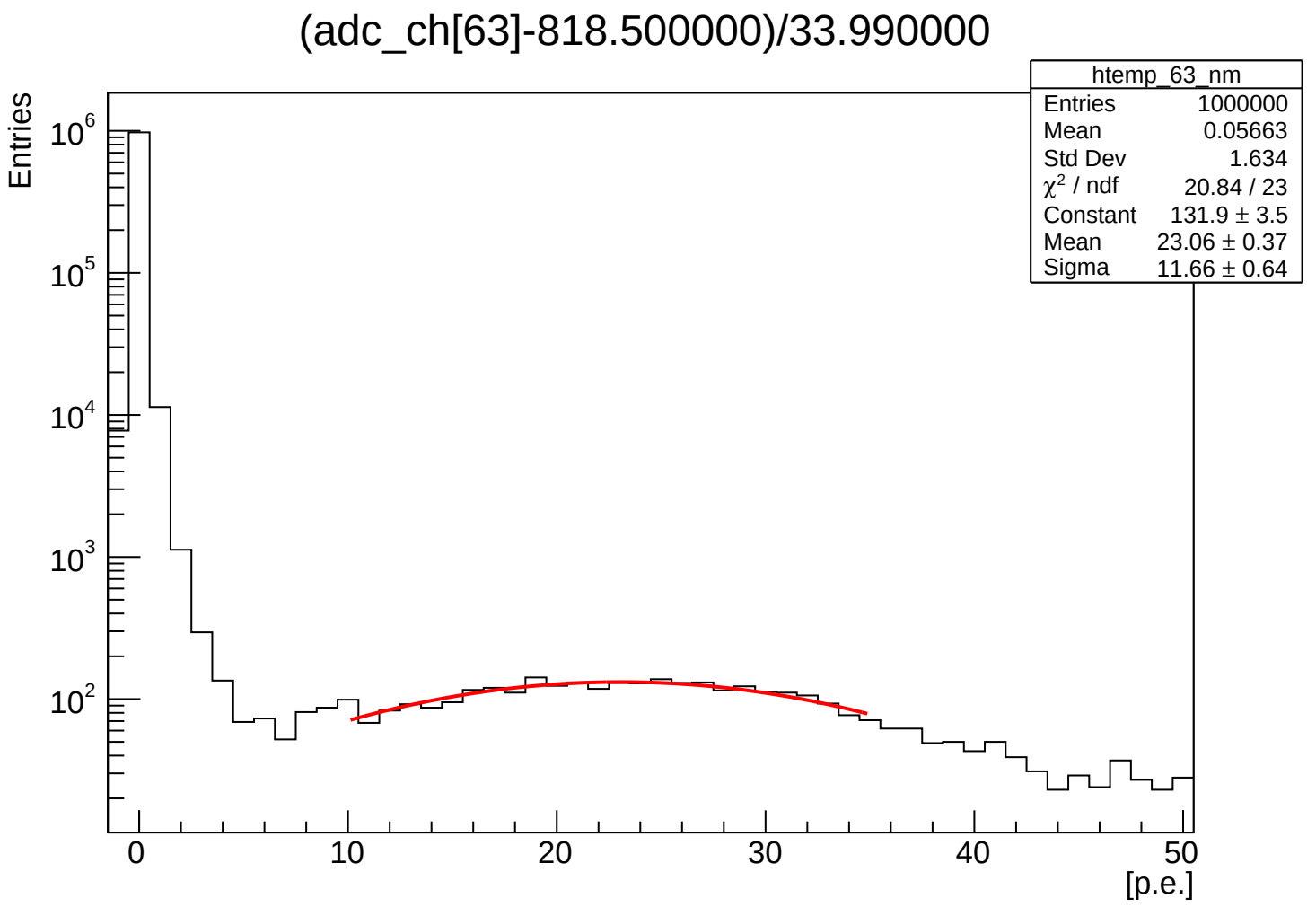

adc_ch[62]
htemp_62
Entries 1000000
Mean 831.4
Std Dev 100.4
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000


(adc_ch[62]-825.500000)/34.072000
htemp_62_nm
Entries 1000000
Mean 0.1189
Std Dev 2.324
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50


(adc_ch[62]-825.500000)/34.072000
htemp_62_nm
Entries 1000000
Mean 0.1189
Std Dev 2.324
χ² / ndf 40.92 / 23
Constant 3542 ± 1416.6
Mean 213.1 ± 11.8
Sigma 73.68 ± 6.23
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]


adc_ch[63]
htemp_63
Entries 1000000
Mean 820.8
Std Dev 61.31
10^5
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000


(adc_ch[63]-818.500000)/33.990000
htemp_63_nm
Entries 1000000
Mean 0.05663
Std Dev 1.634
10^6
10^5
10^4
10^3
10^2
0
10
20
30
40
50


(adc_ch[63]-818.500000)/33.990000
htemp_63_nm
Entries 1000000
Mean 0.05663
Std Dev 1.634
χ² / ndf 20.84 / 23
Constant 131.9 ± 3.5
Mean 23.06 ± 0.37
Sigma 11.66 ± 0.64
Entries
10⁶
10⁵
10⁴
10³
10²
0
10
20
30
40
50
[p.e.]