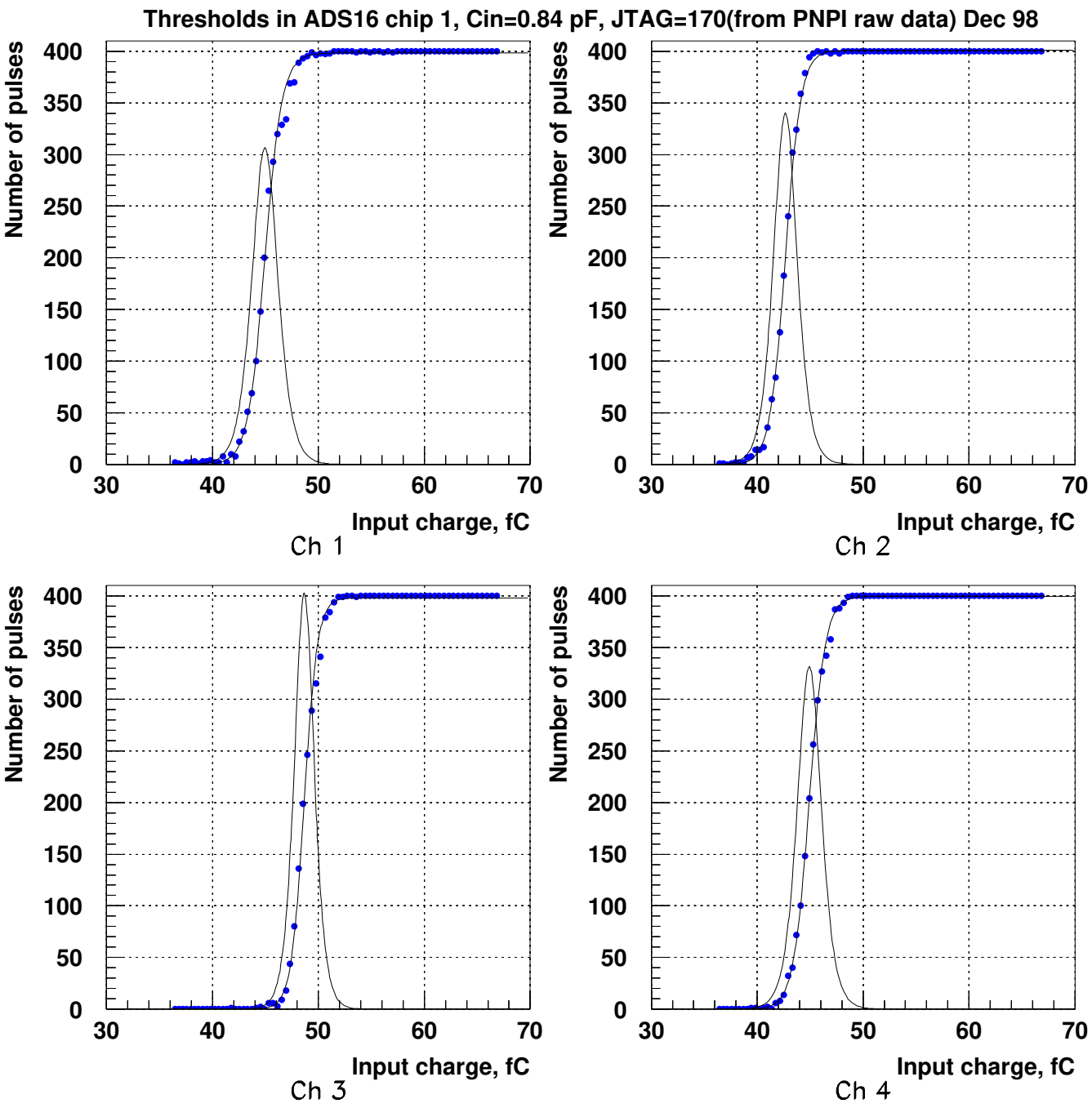
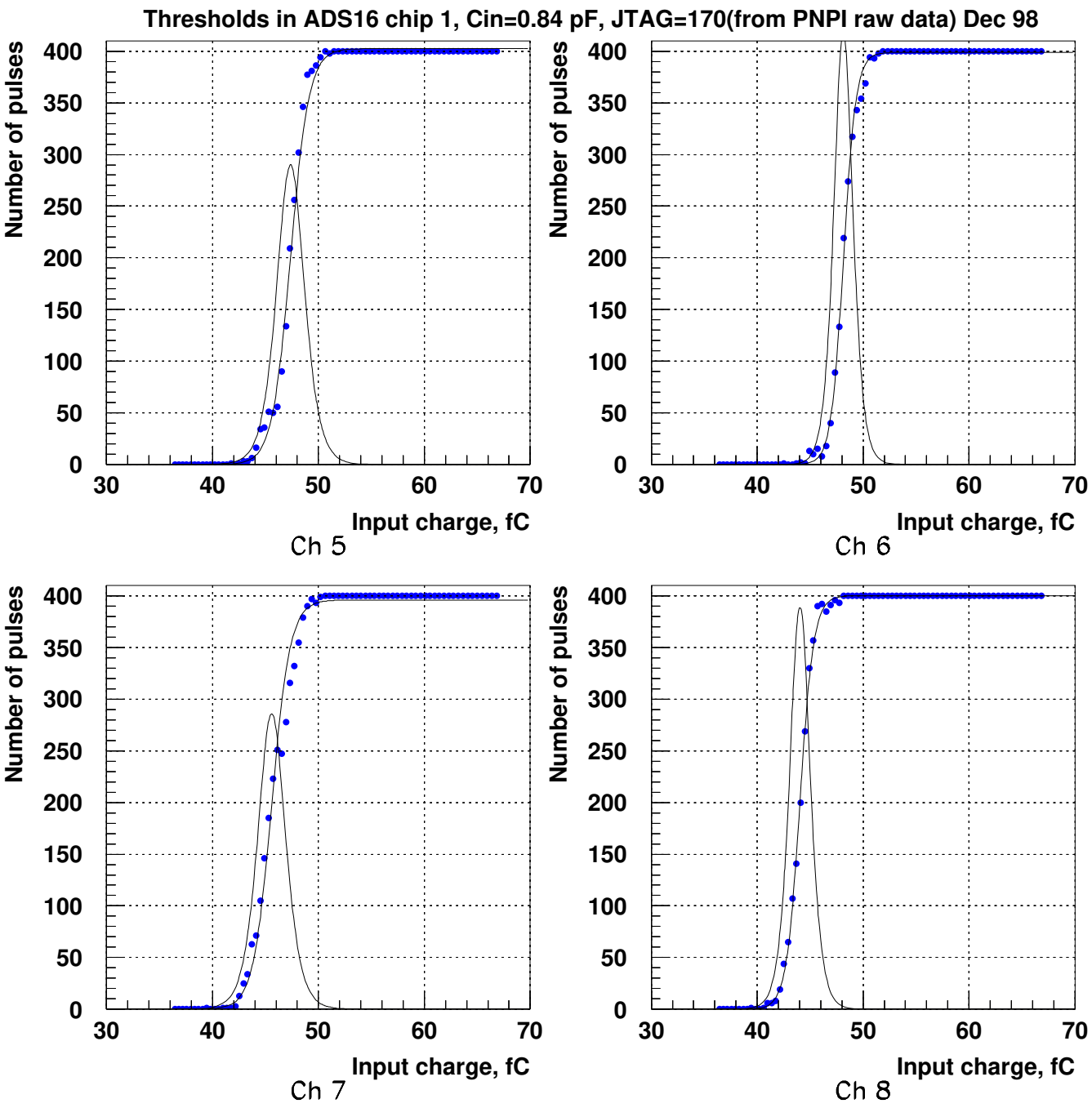
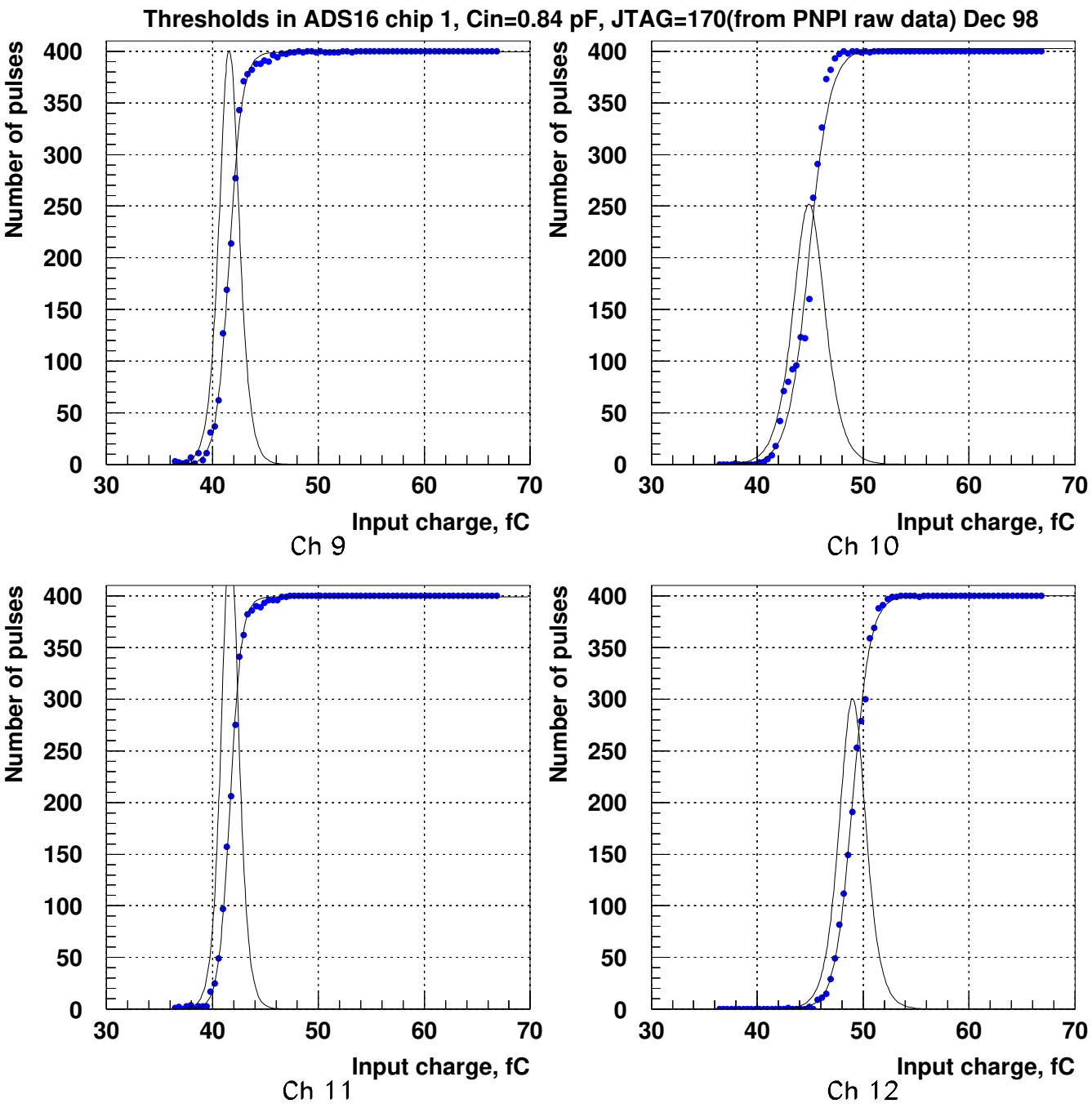
98/12/04 11.58


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=170(from PNPI raw data) Dec 98
Number of pulses
Input charge, fC
Ch 1
Ch 2
Ch 3
Ch 4
0
50
100
150
200
250
300
350
400
30
40
50
60
70

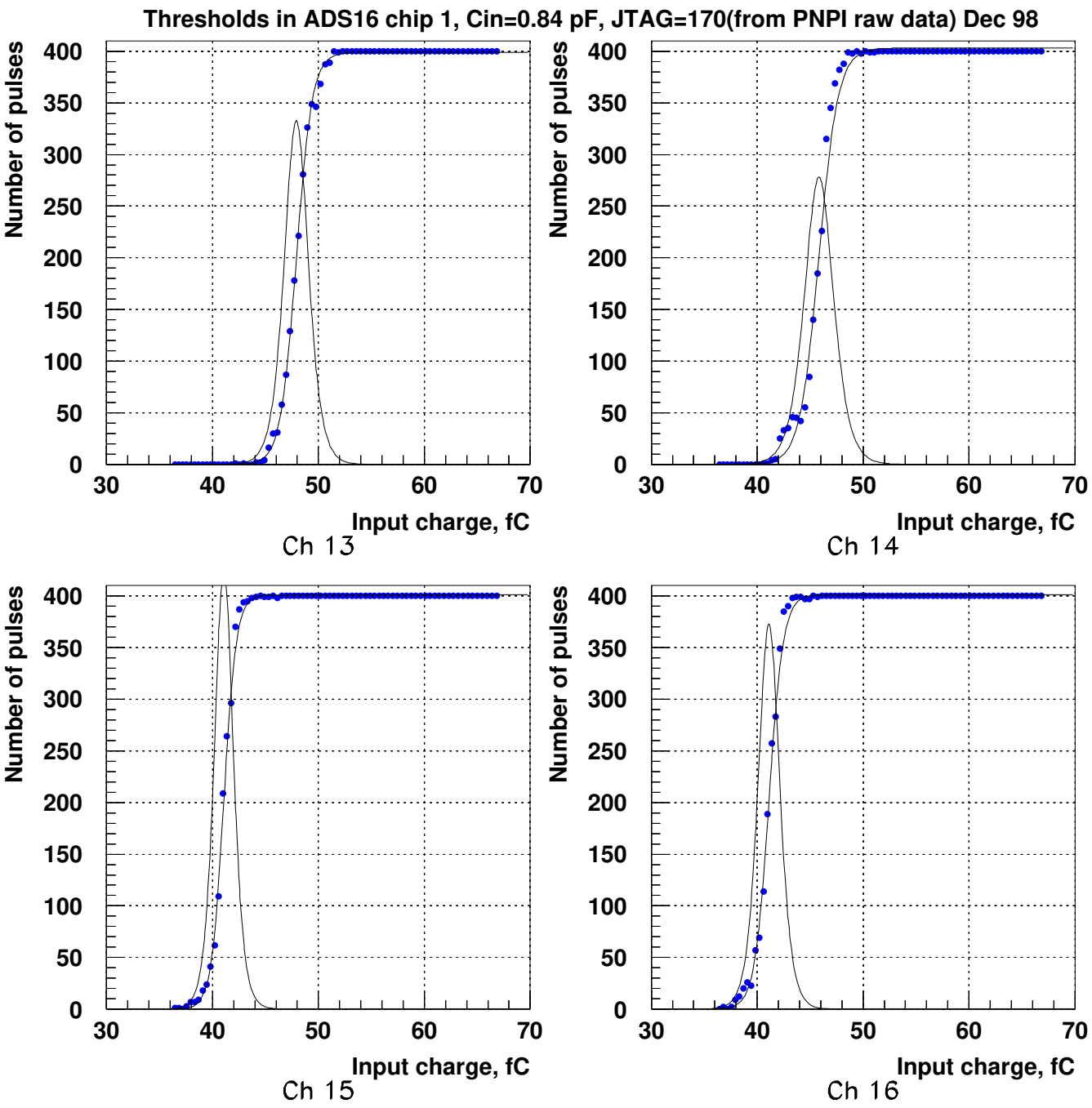
98/12/04 11.58


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=170(from PNPI raw data) Dec 98
Number of pulses
Input charge, fC
Ch 5
Ch 6
Ch 7
Ch 8

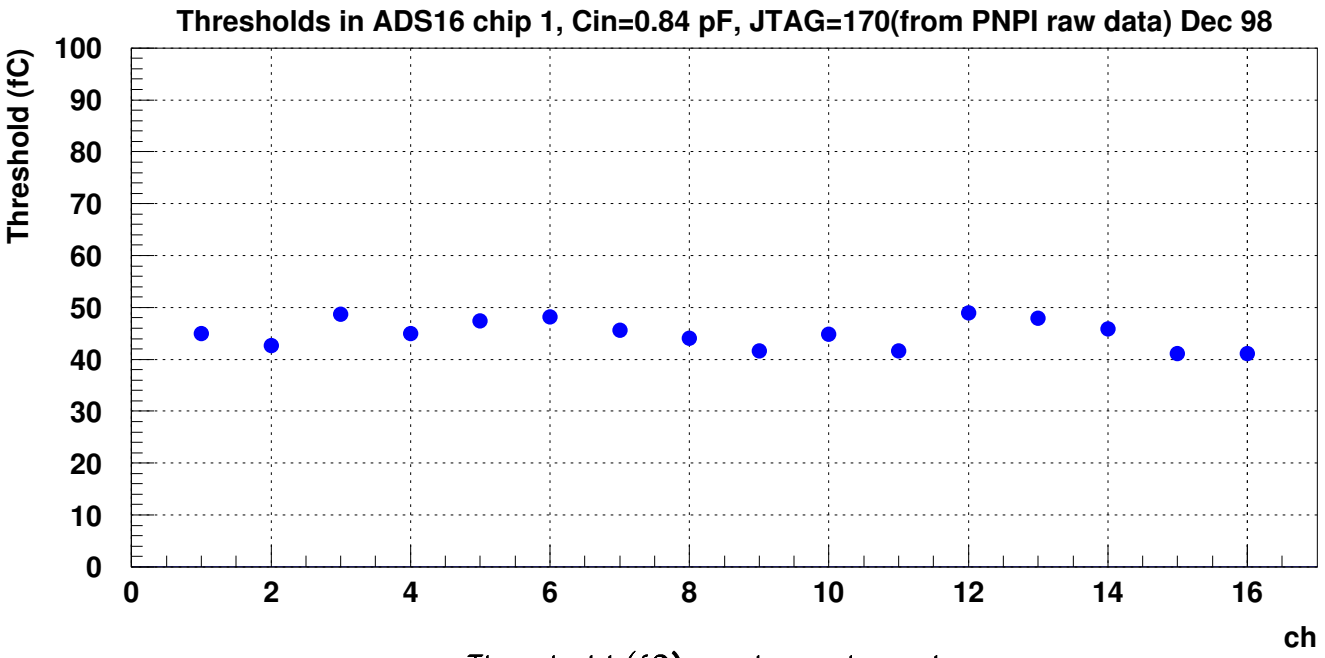
98/12/04 11.58


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=170(from PNPI raw data) Dec 98
Number of pulses
Input charge, fC
Ch 9
Ch 10
Ch 11
Ch 12

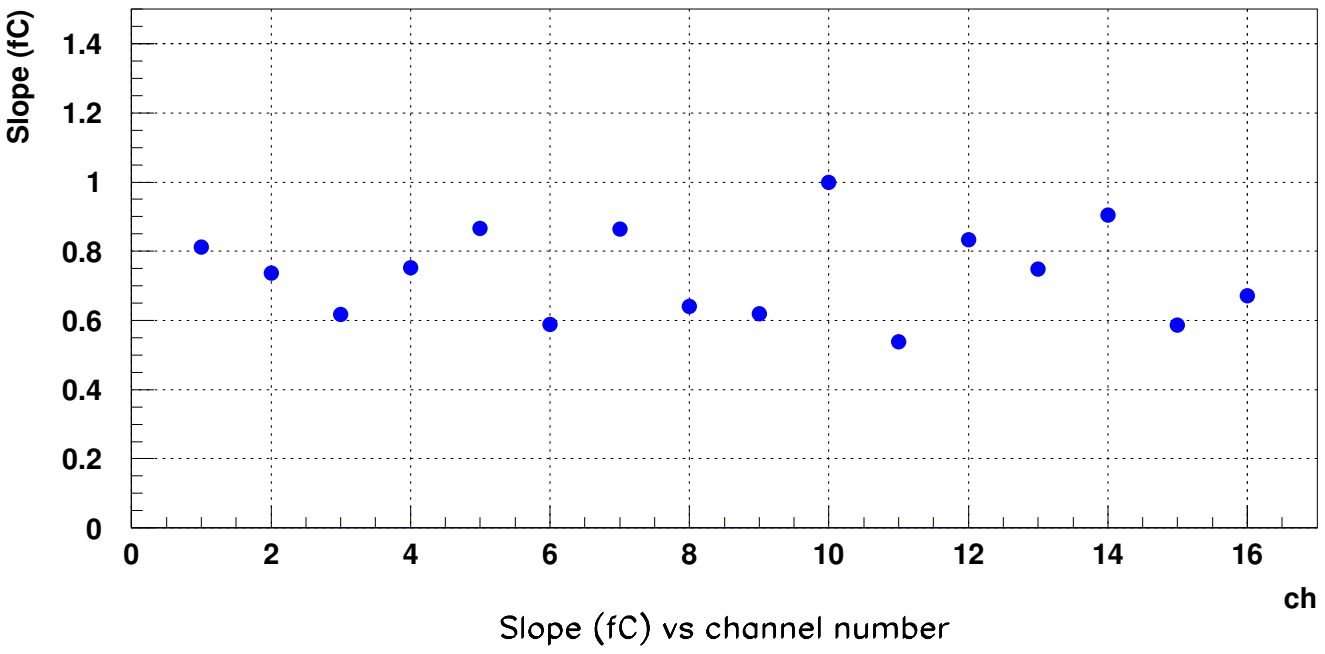
98/12/04 11.58


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=170(from PNPI raw data) Dec 98
Number of pulses
Input charge, fC
Ch 13
Ch 14
Ch 15
Ch 16

98/12/04 11.58



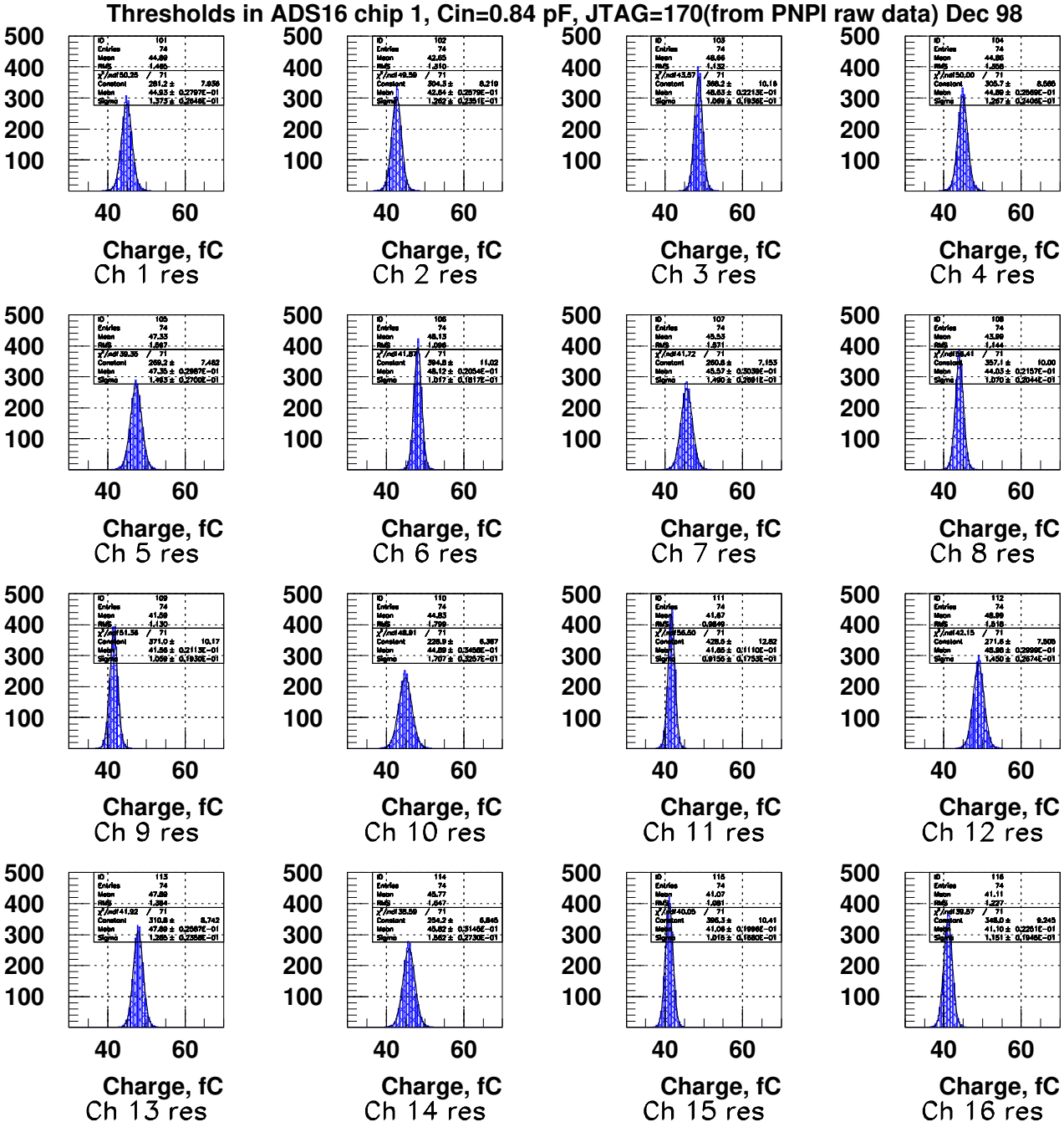
Threshold (fC) vs channel number



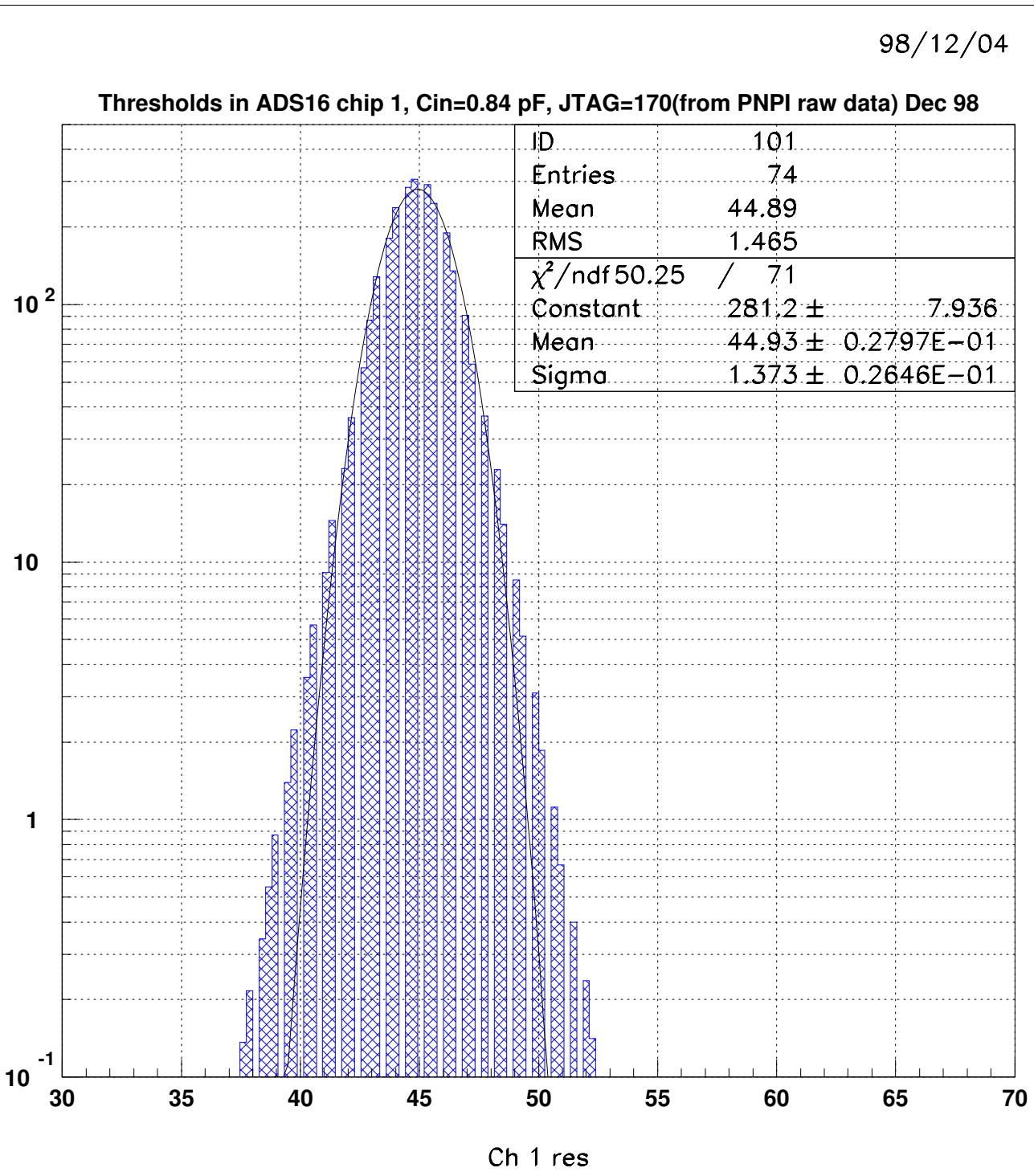
Slope (fC) vs channel number

98/12/04 11.59

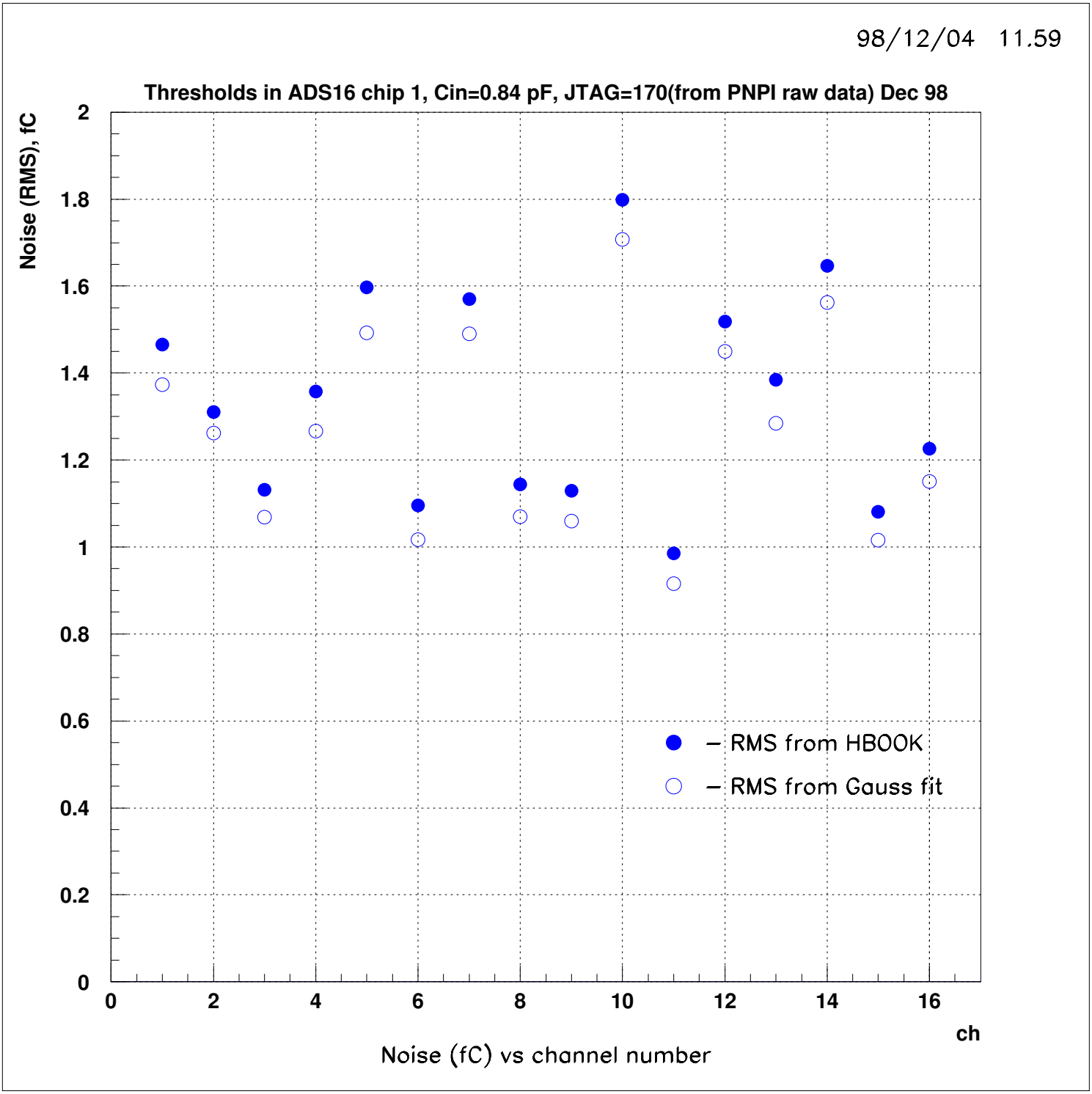
Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=170(from PNPI raw data) Dec 98



98/12/04 11.59


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=170(from PNPI raw data) Dec 98
ID 101
Entries 74
Mean 44.89
RMS 1.465
χ²/ndf 50.25 / 71
Constant 281.2 ± 7.936
Mean 44.93 ± 0.2797E−01
Sigma 1.373 ± 0.2646E−01
10 2
10
1
10 -1
30
35
40
45
50
55
60
65
70
Ch 1 res

98/12/04 11.59


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=170(from PNPI raw data) Dec 98
Noise (RMS), fC
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
2
4
6
8
10
12
14
16
ch
RMS from HBOOK
RMS from Gauss fit
Noise (fC) vs channel number