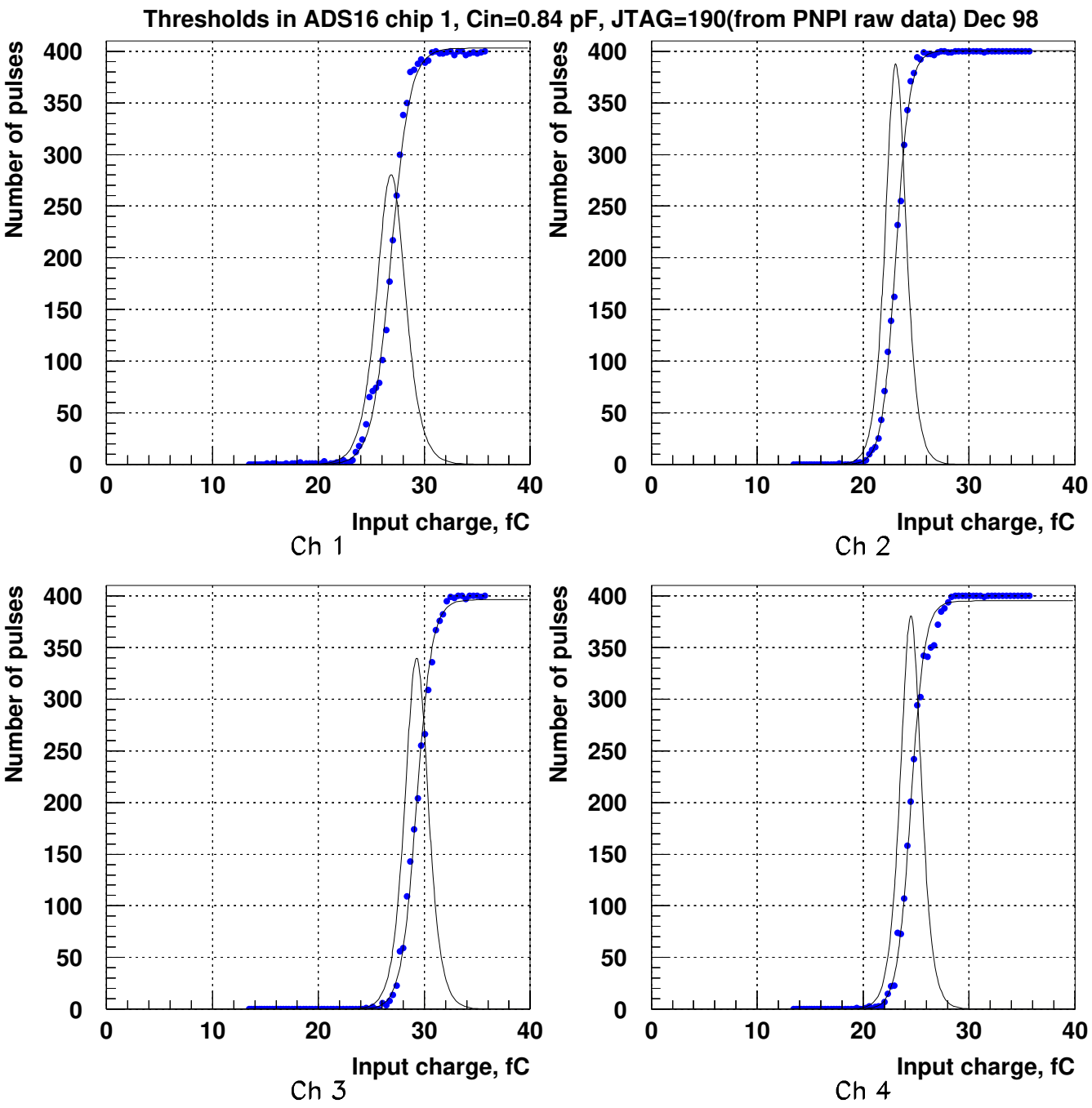
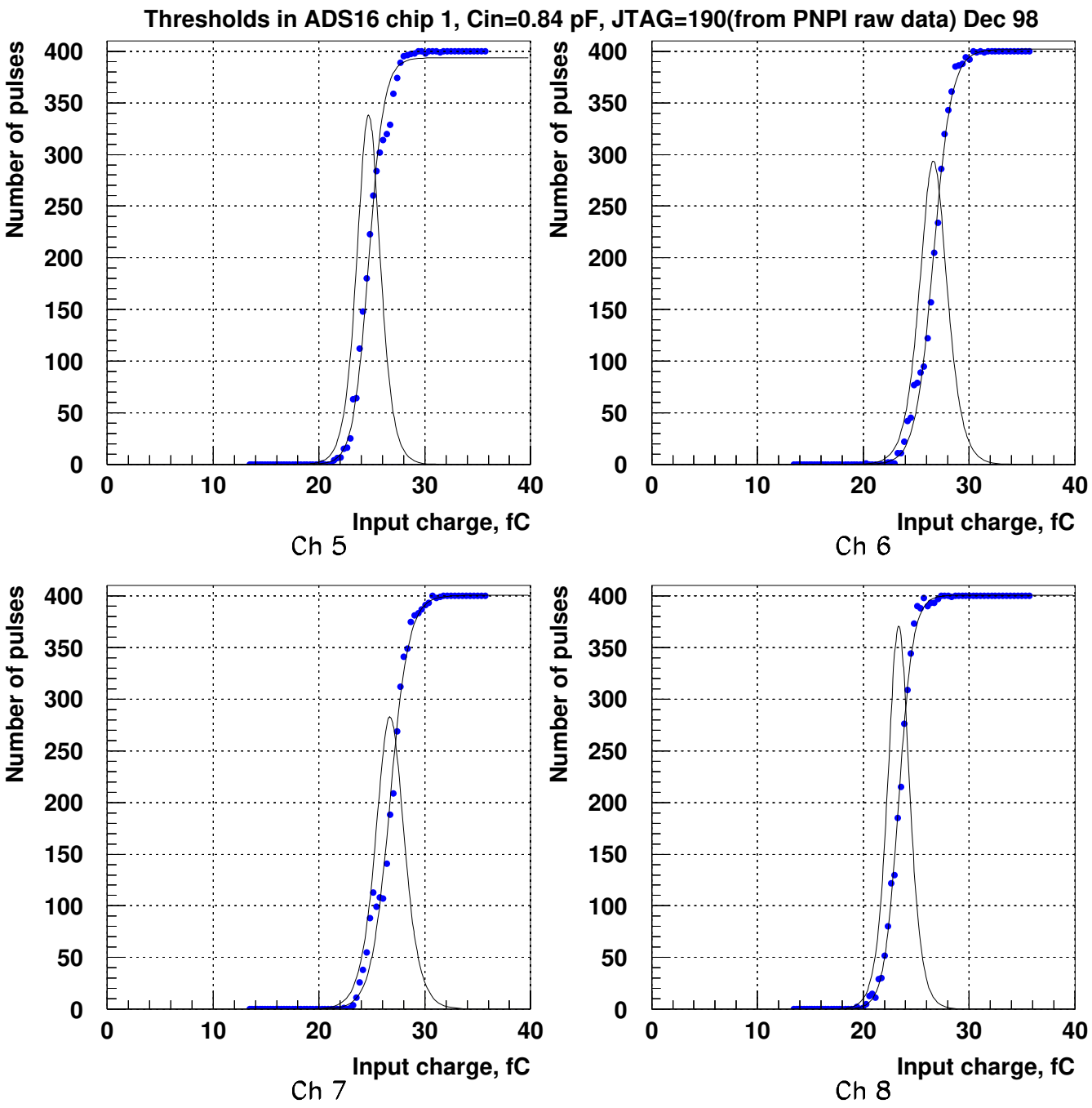
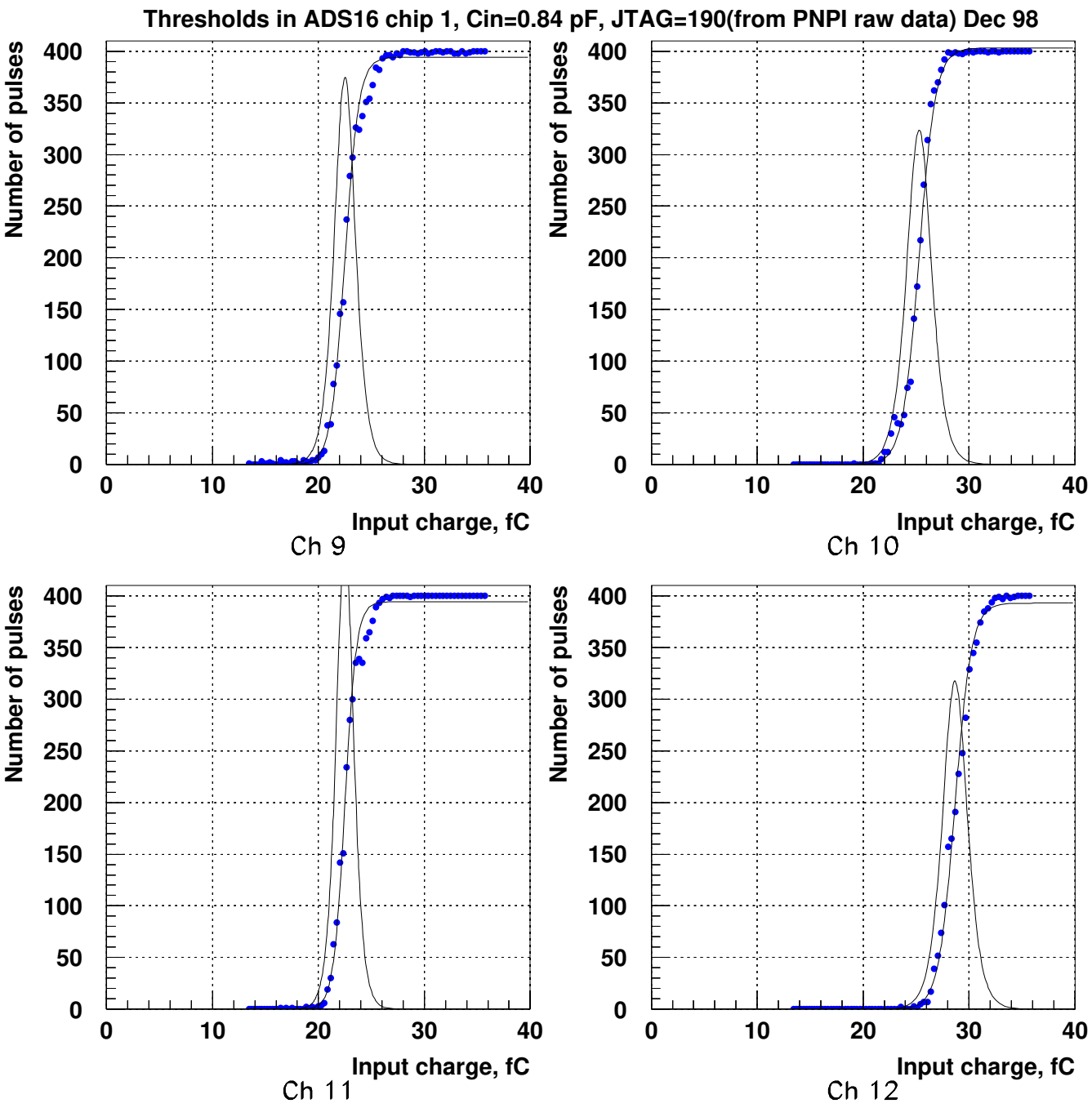
98/12/04 12.01


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=190(from PNPI raw data) Dec 98
Number of pulses
Input charge, fC
Ch 1
Ch 2
Ch 3
Ch 4

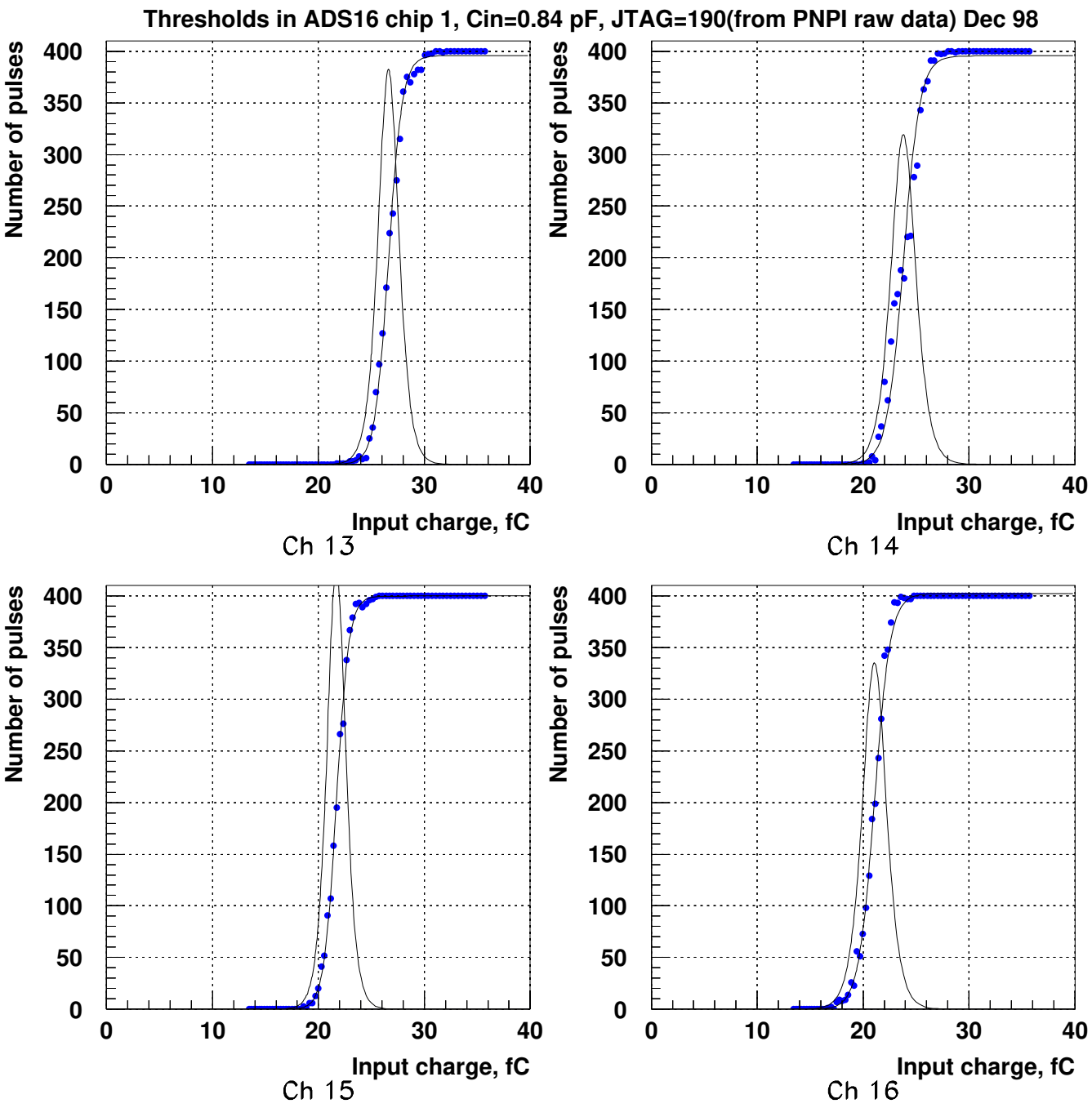
98/12/04 12.01


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=190(from PNPI raw data) Dec 98
Number of pulses
Input charge, fC
Ch 5
Ch 6
Ch 7
Ch 8

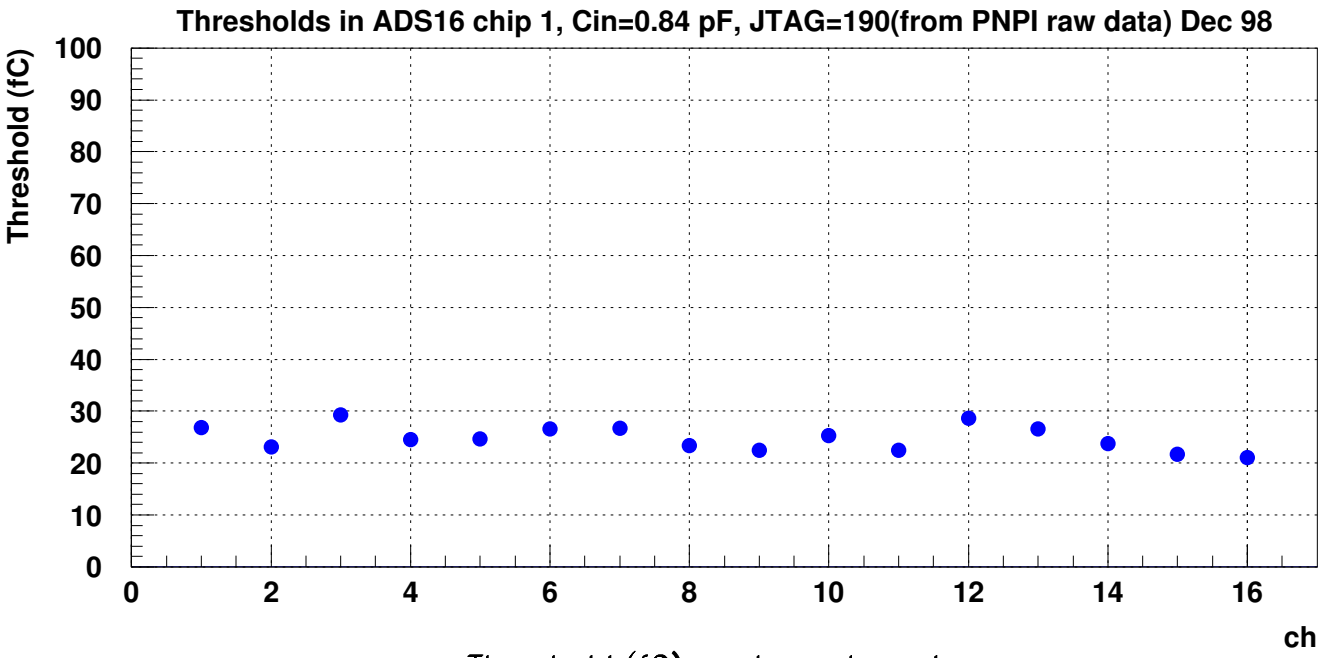
98/12/04 12.01


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=190(from PNPI raw data) Dec 98
Number of pulses
Input charge, fC
Ch 9
Ch 10
Ch 11
Ch 12

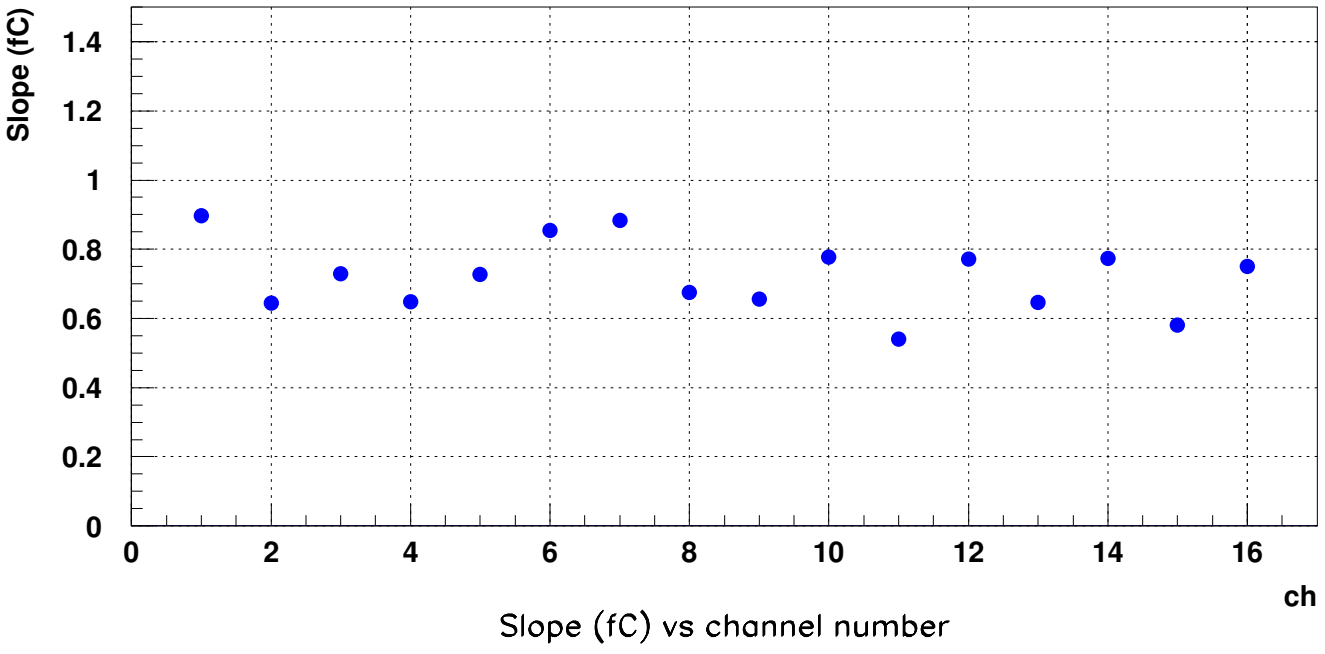
98/12/04 12.01


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=190(from PNPI raw data) Dec 98
Number of pulses
Input charge, fC
Ch 13
Ch 14
Ch 15
Ch 16

98/12/04 12.01



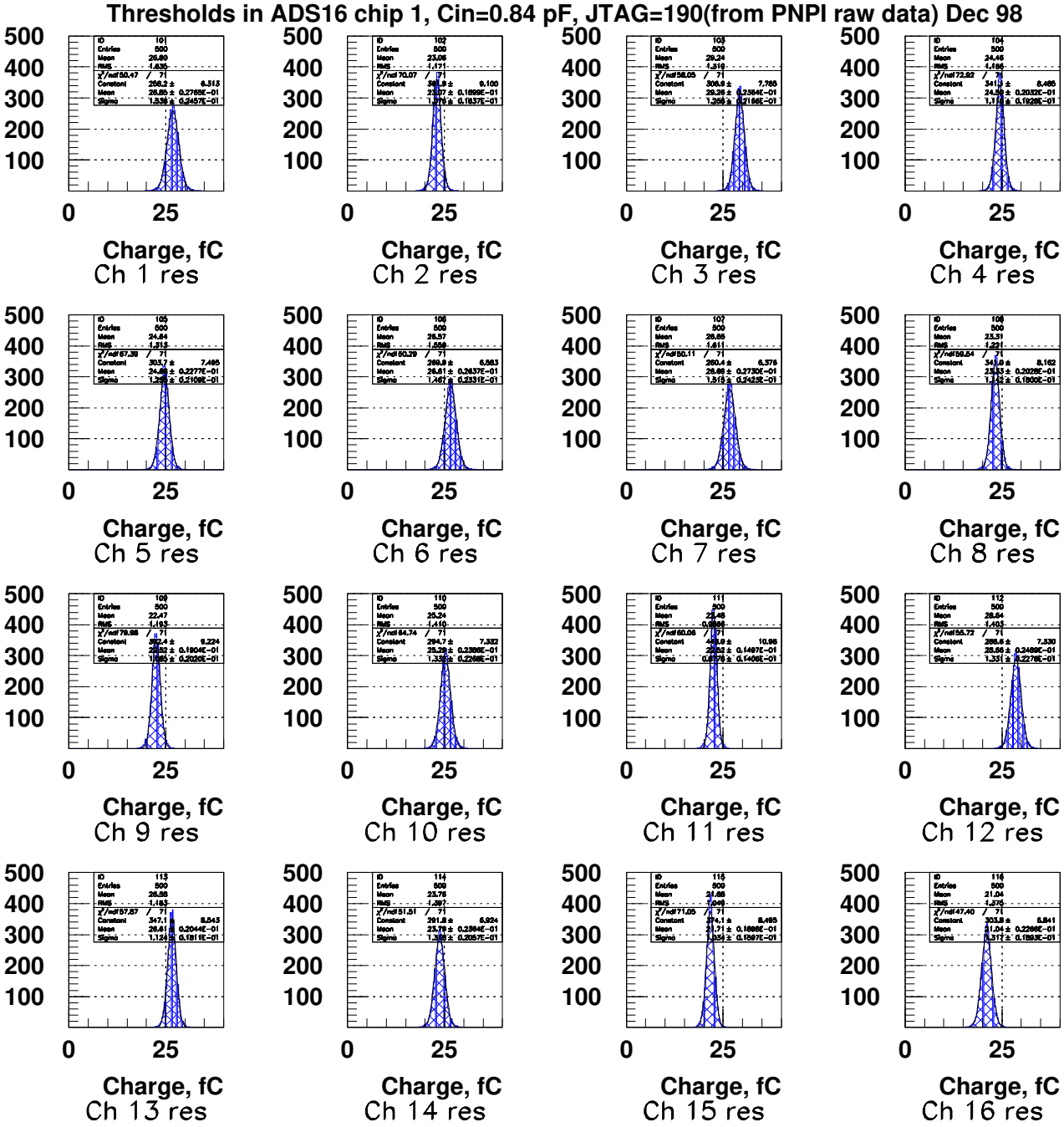
Threshold (fC) vs channel number



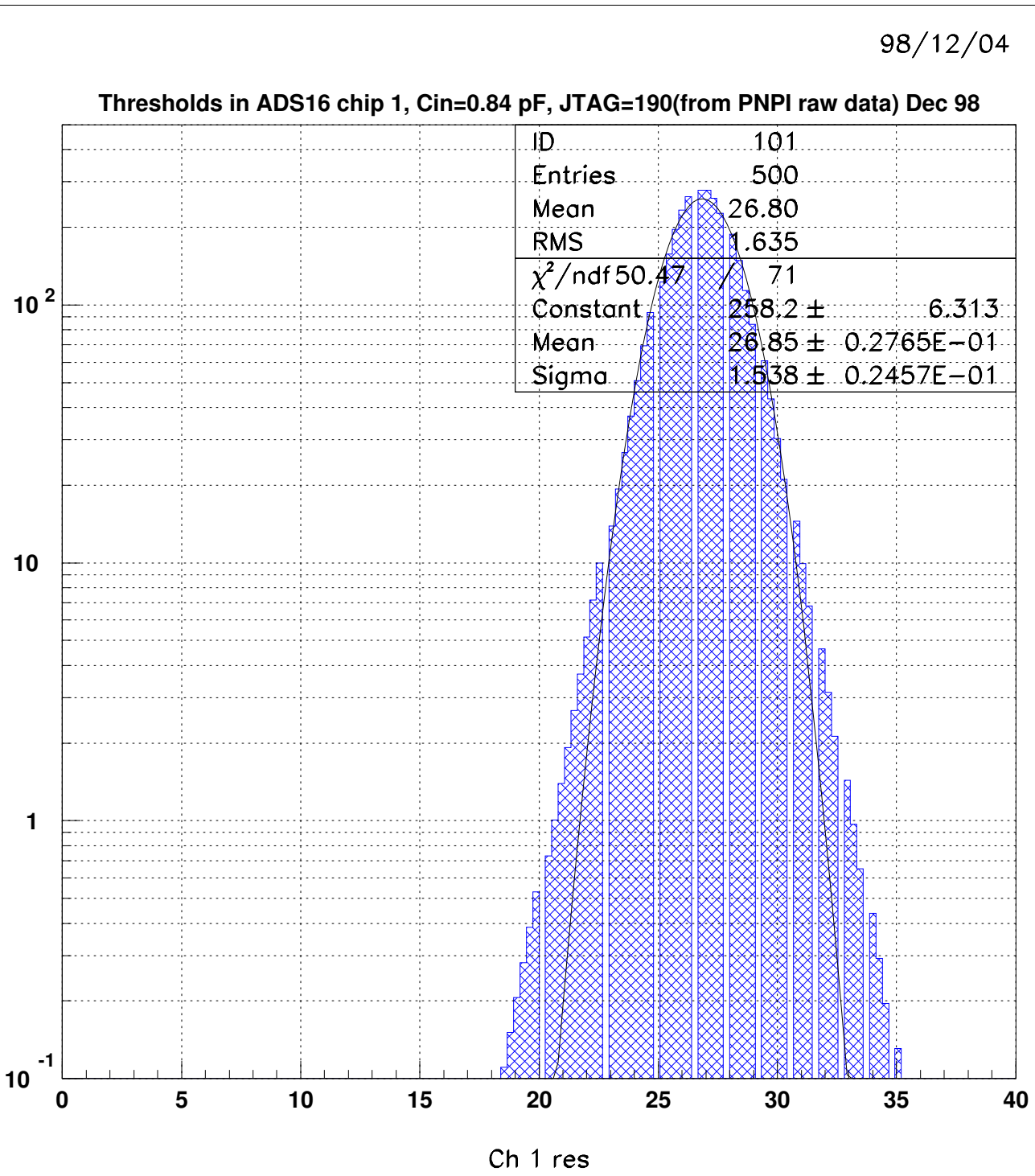
Slope (fC) vs channel number

98/12/04 12.01

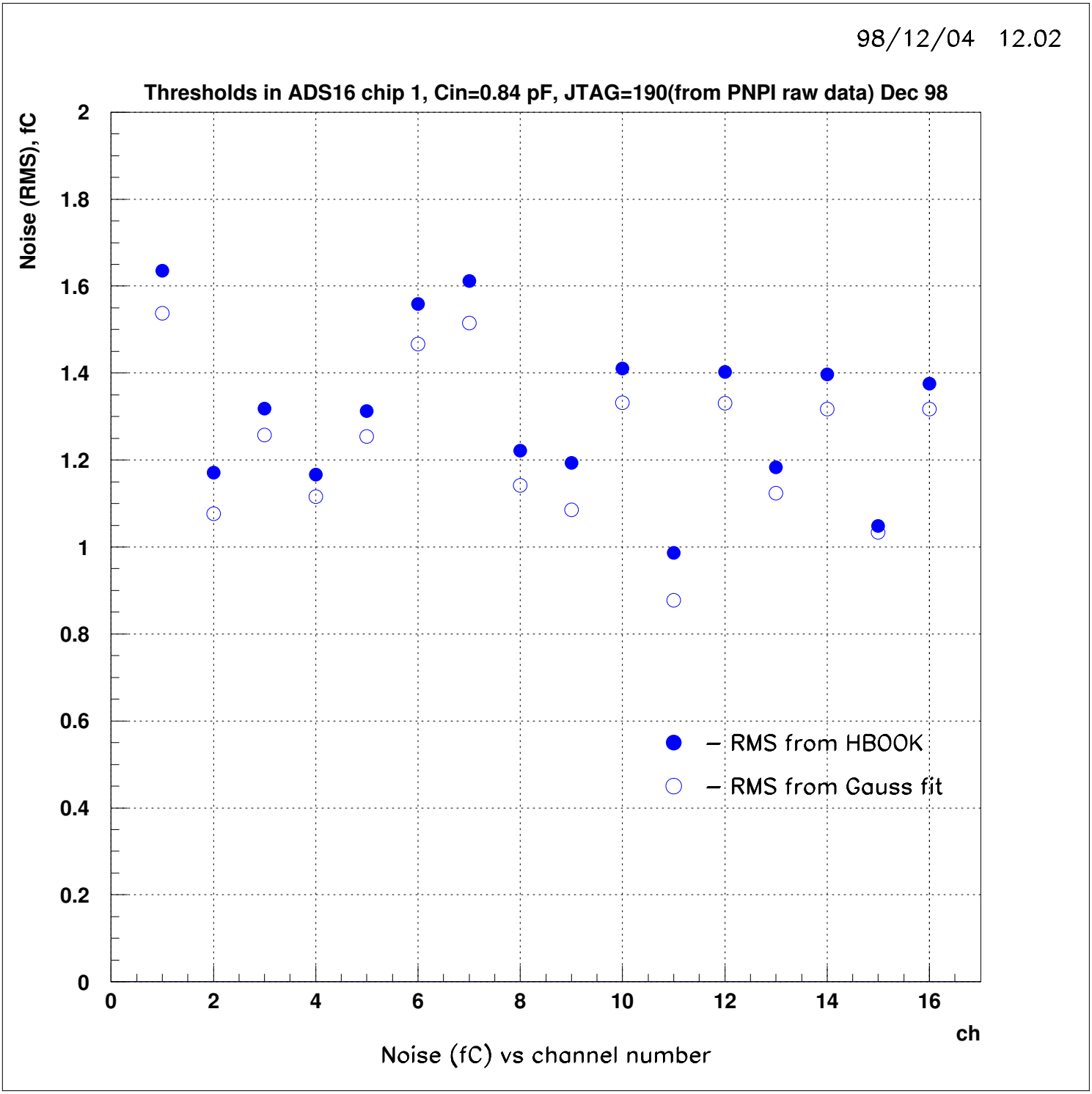
Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=190(from PNPI raw data) Dec 98



98/12/04 12.02


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=190(from PNPI raw data) Dec 98
ID 101
Entries 500
Mean 26.80
RMS 1.635
χ²/ndf 50.47 / 71
Constant 258.2 ± 6.313
Mean 26.85 ± 0.2765E−01
Sigma 1.538 ± 0.2457E−01
10 2
10
1
10 -1
0
5
10
15
20
25
30
35
40
Ch 1 res

98/12/04 12.02


Thresholds in ADS16 chip 1, Cin=0.84 pF, JTAG=190(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