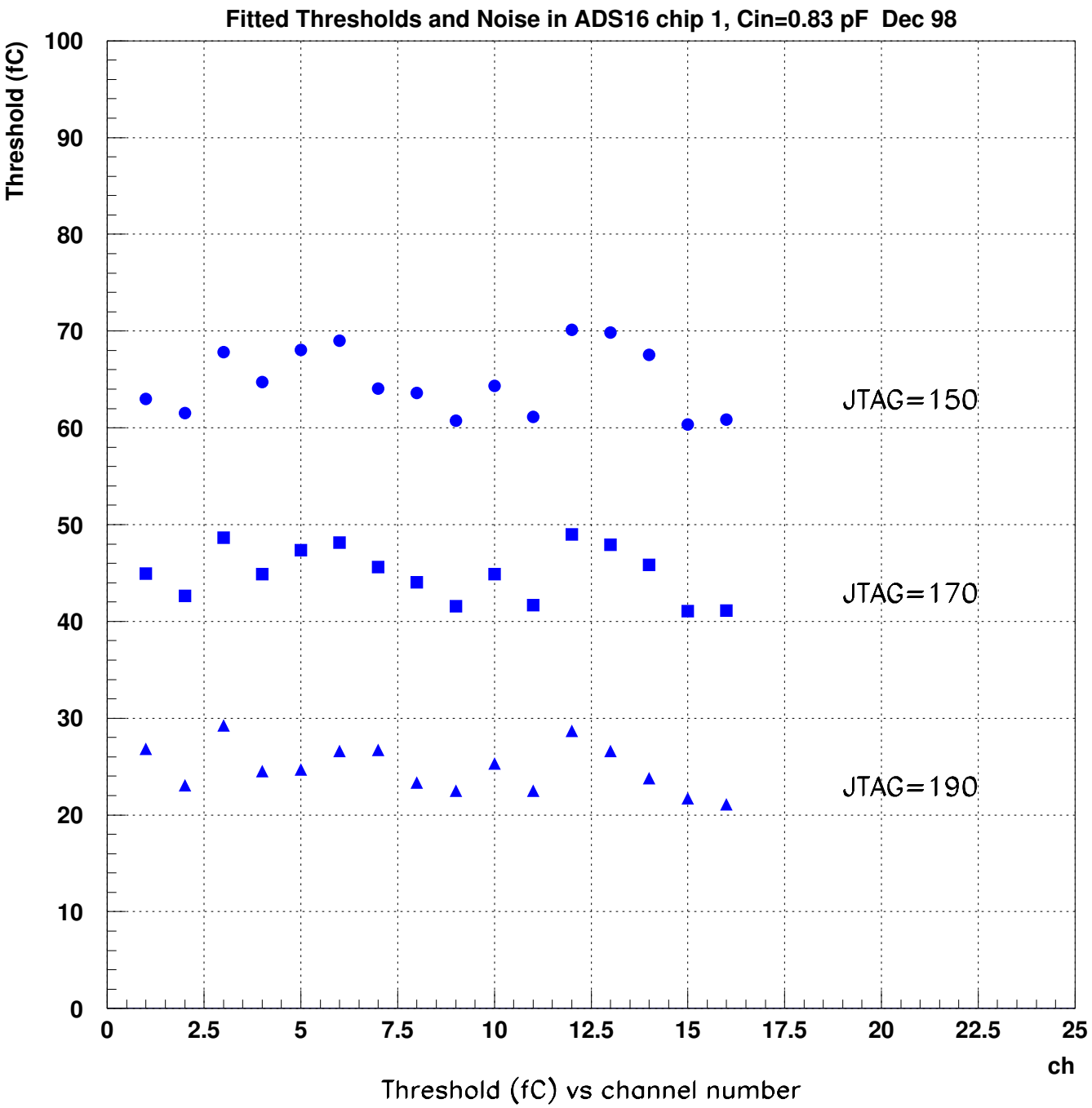
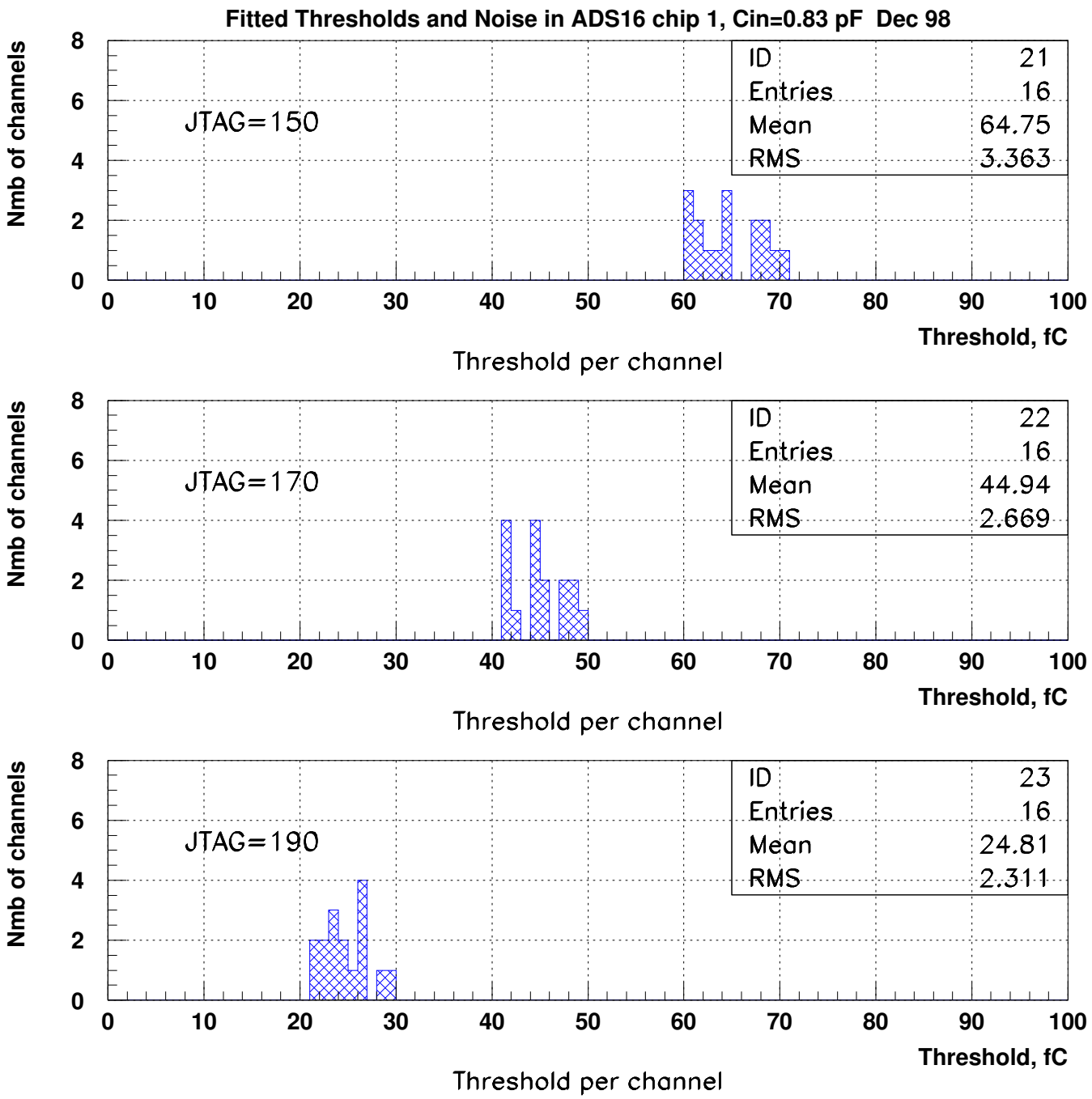
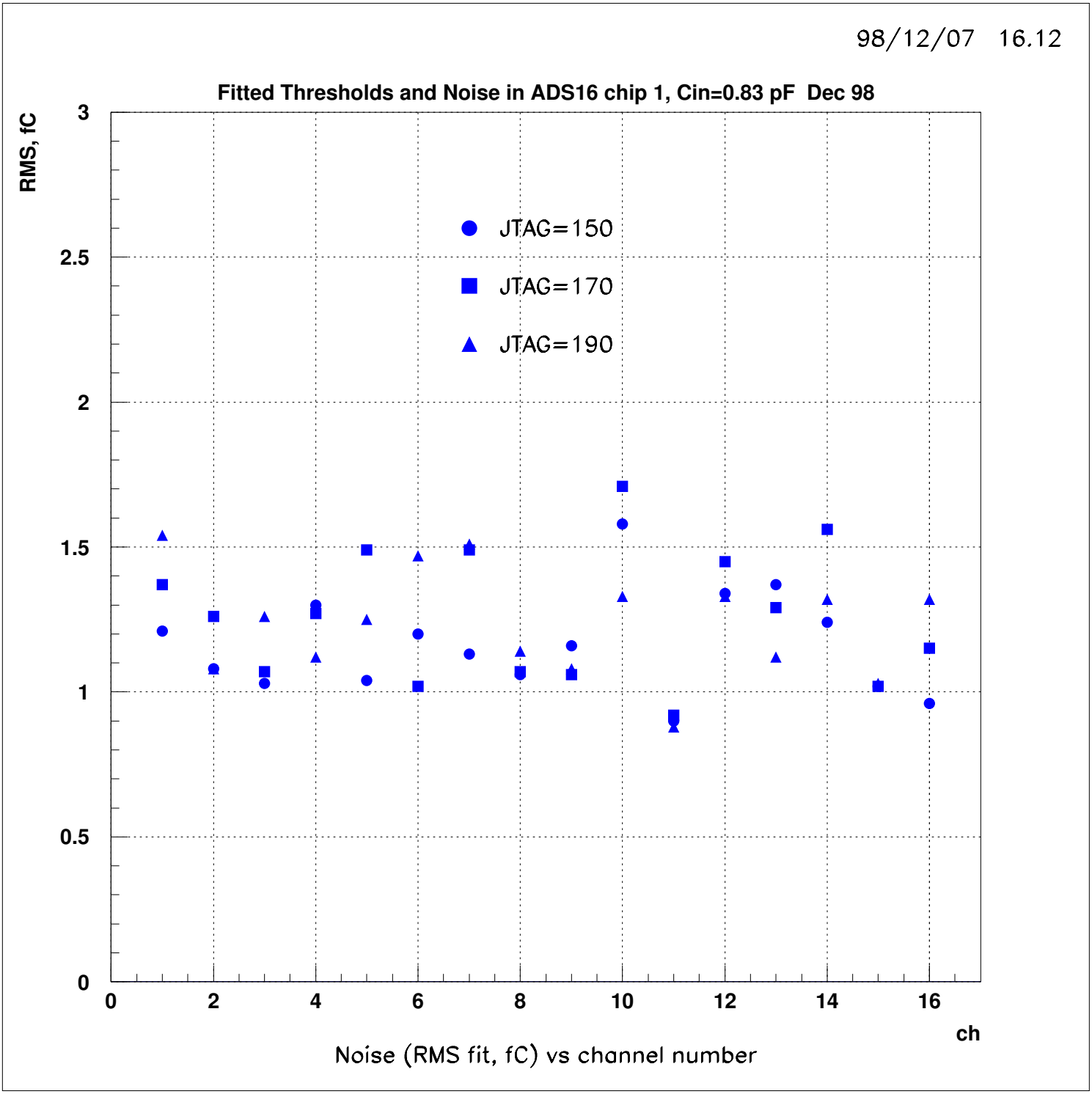
98/12/07 16.11


Fitted Thresholds and Noise in ADS16 chip 1, Cin=0.83 pF Dec 98
Threshold (fC)
100
90
80
70
60
50
40
30
20
10
0
0
2.5
5
7.5
10
12.5
15
17.5
20
22.5
25
ch
JTAG=150
JTAG=170
JTAG=190
Threshold (fC) vs channel number

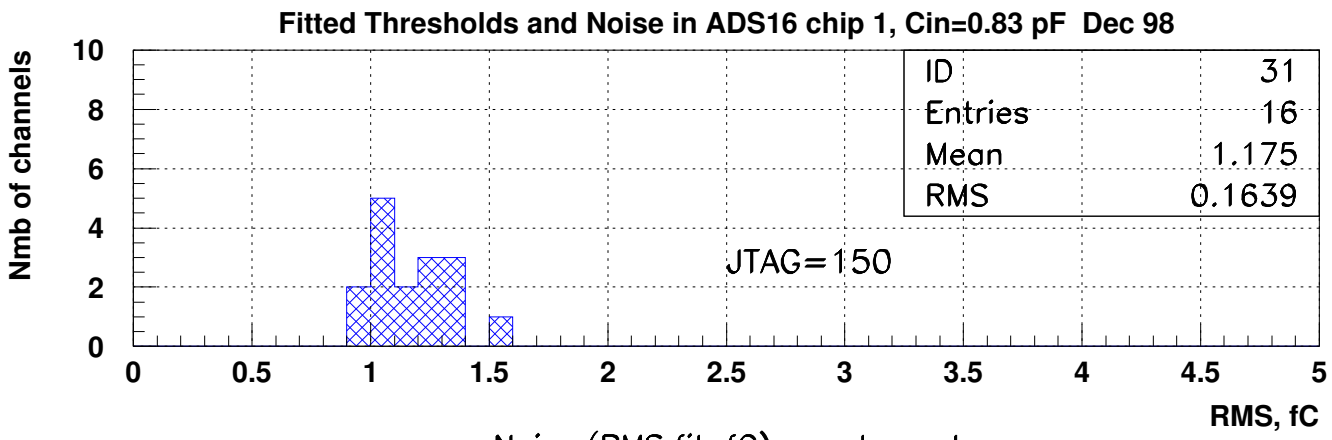
98/12/07 16.12

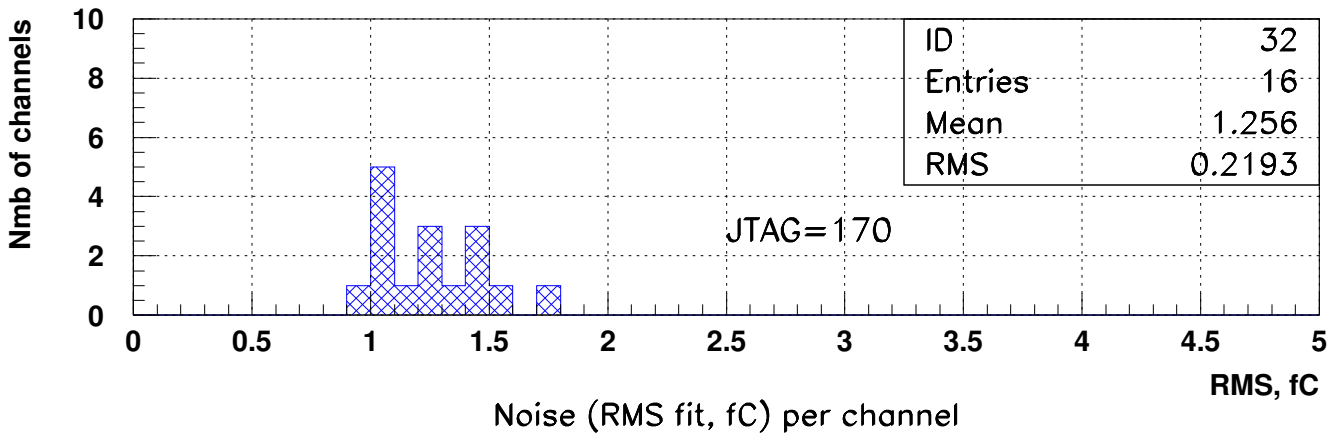

Fitted Thresholds and Noise in ADS16 chip 1, Cin=0.83 pF Dec 98
Nmb of channels
JTAG=150
ID 21
Entries 16
Mean 64.75
RMS 3.363
Threshold, fC
Threshold per channel
Nmb of channels
JTAG=170
ID 22
Entries 16
Mean 44.94
RMS 2.669
Threshold, fC
Threshold per channel
Nmb of channels
JTAG=190
ID 23
Entries 16
Mean 24.81
RMS 2.311
Threshold, fC
Threshold per channel

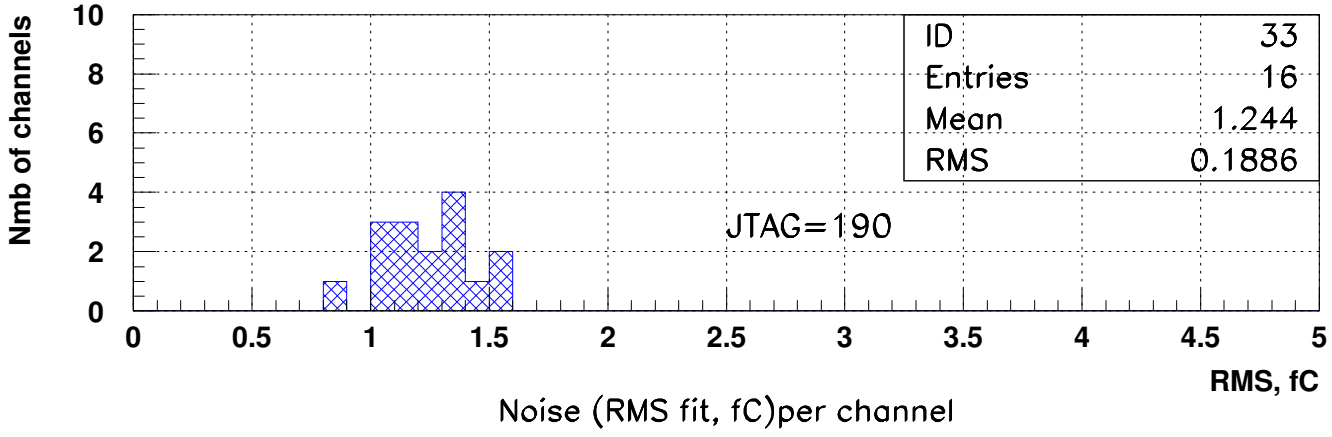
98/12/07 16.12


Fitted Thresholds and Noise in ADS16 chip 1, Cin=0.83 pF Dec 98
RMS, fC
JTAG=150
JTAG=170
JTAG=190
0
0.5
1
1.5
2
2.5
3
0
2
4
6
8
10
12
14
16
ch
Noise (RMS fit, fC) vs channel number

98/12/07 16.12


Fitted Thresholds and Noise in ADS16 chip 1, Cin=0.83 pF Dec 98
Nmb of channels
ID 31
Entries 16
Mean 1.175
RMS 0.1639
JTAG=150
RMS, fC
Noise (RMS fit, fC) per channel


Nmb of channels
ID 32
Entries 16
Mean 1.256
RMS 0.2193
JTAG=170
RMS, fC
Noise (RMS fit, fC) per channel


Nmb of channels
ID 33
Entries 16
Mean 1.244
RMS 0.1886
JTAG=190
RMS, fC
Noise (RMS fit, fC)per channel