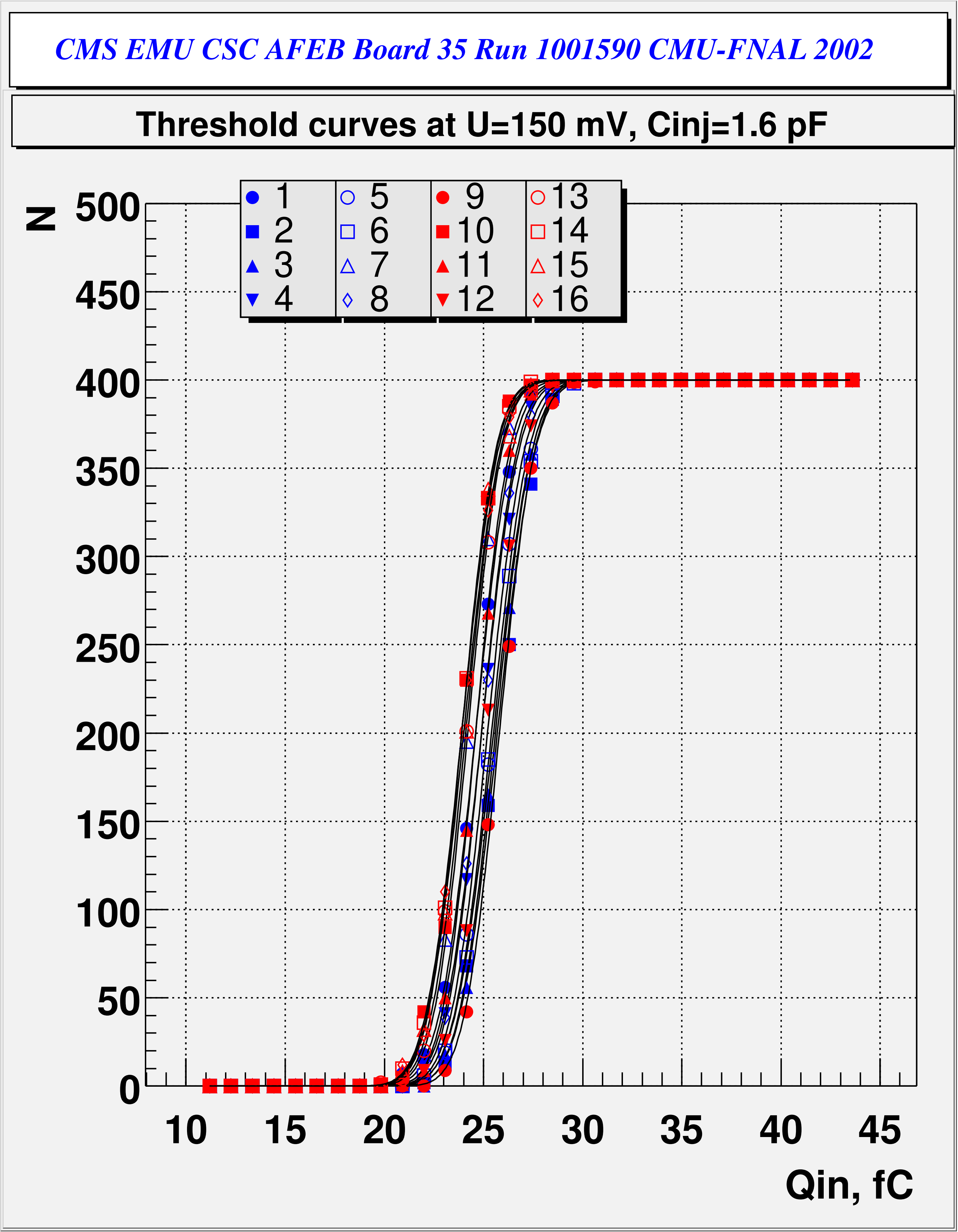
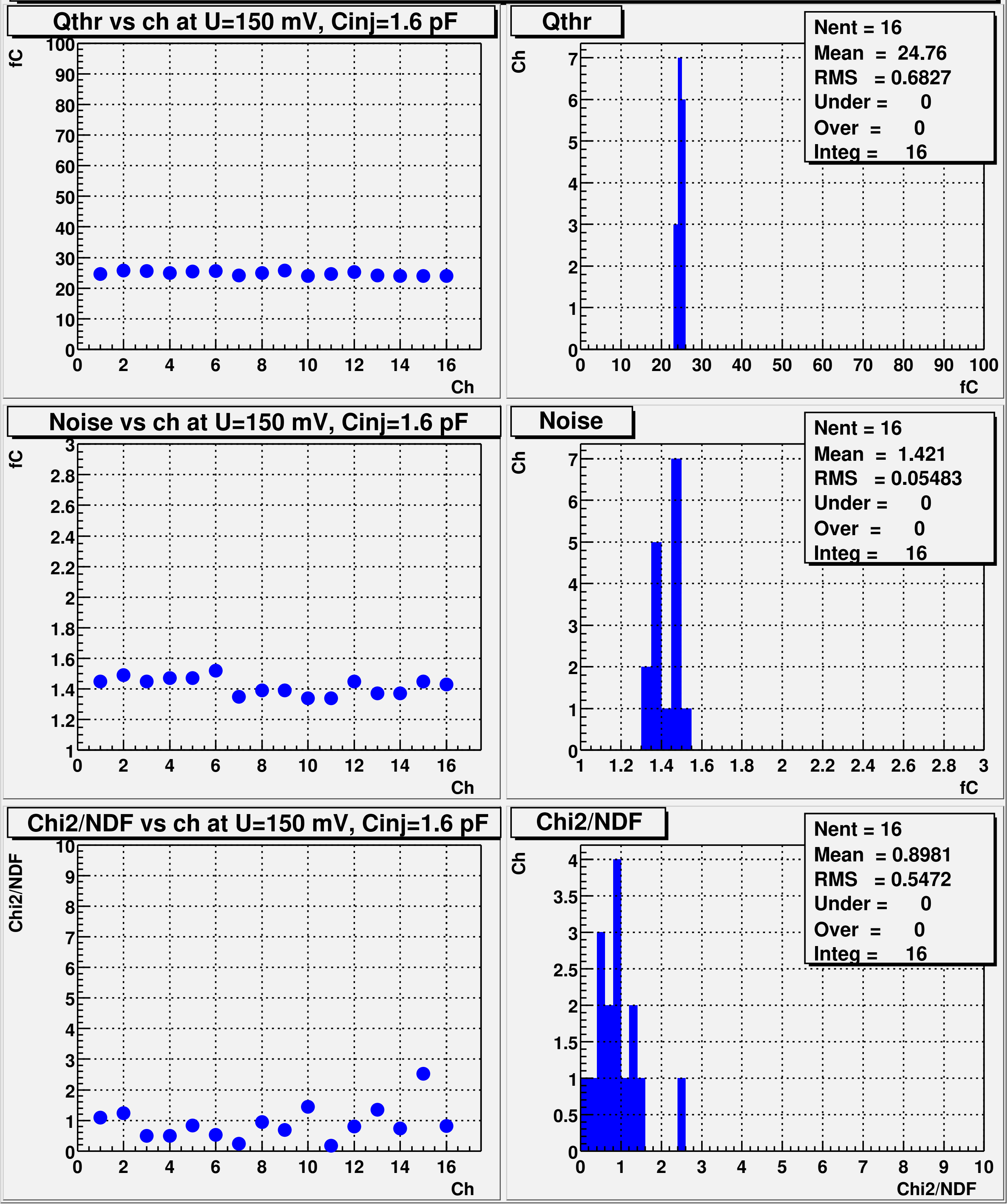
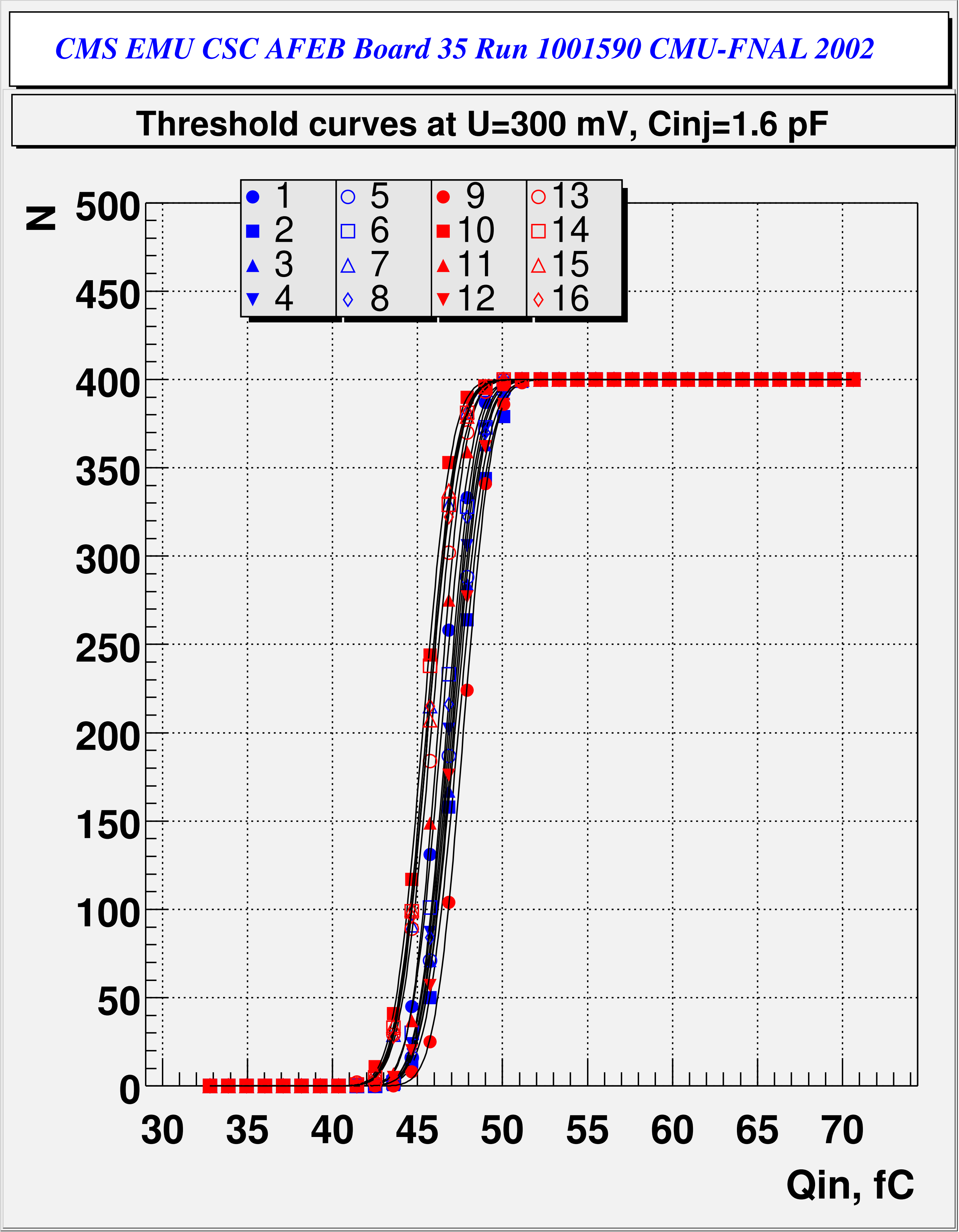
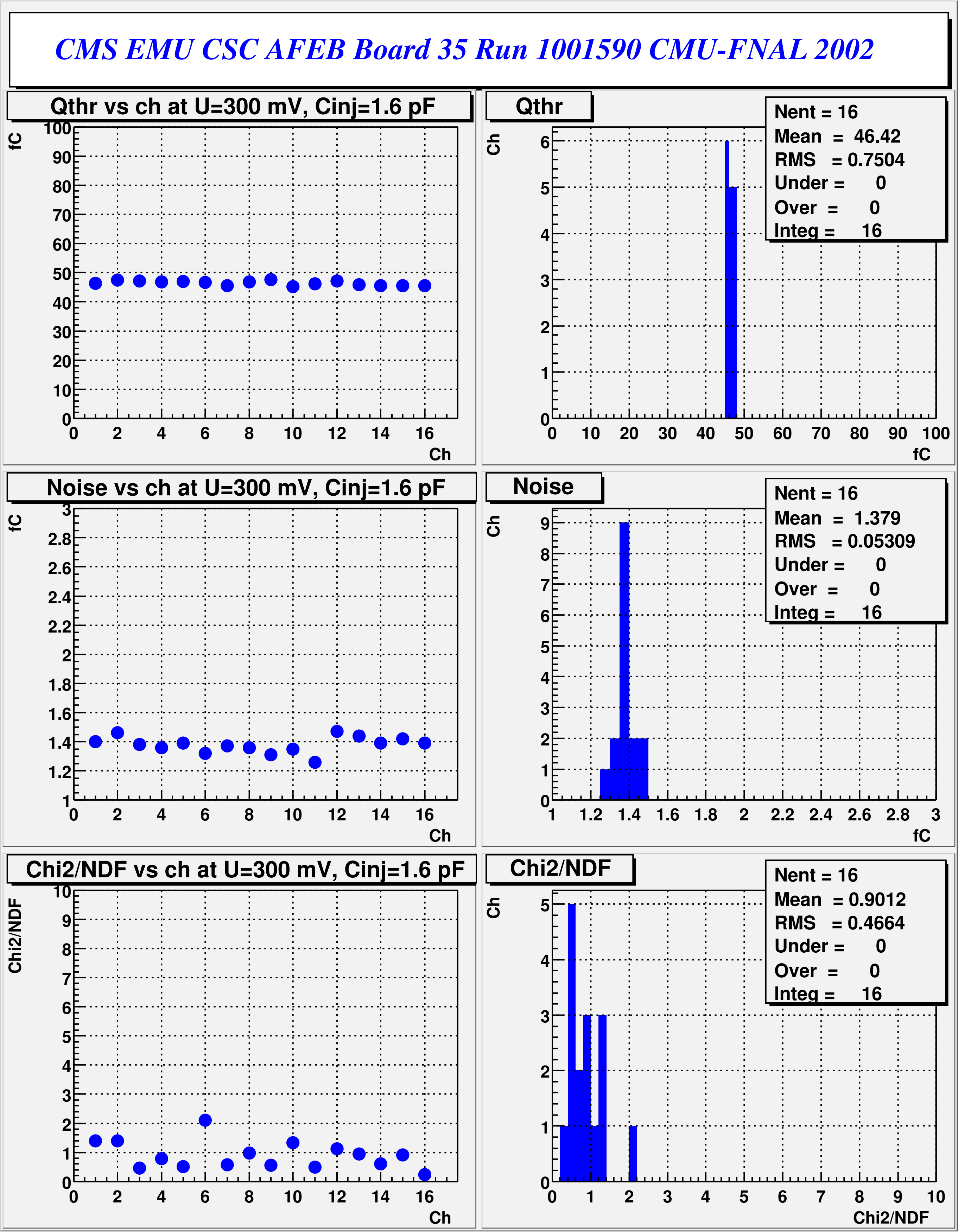


CMS EMU CSC AFEB Board 35 Run 1001590 CMU-FNAL 2002
Threshold curves at U=150 mV, Cinj=1.6 pF
N
Qin, fC
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
0
50
100
150
200
250
300
350
400
450
500
10
15
20
25
30
35
40
45

CMS EMU CSC AFEB Board 35 Run 1001590 CMU-FNAL 2002

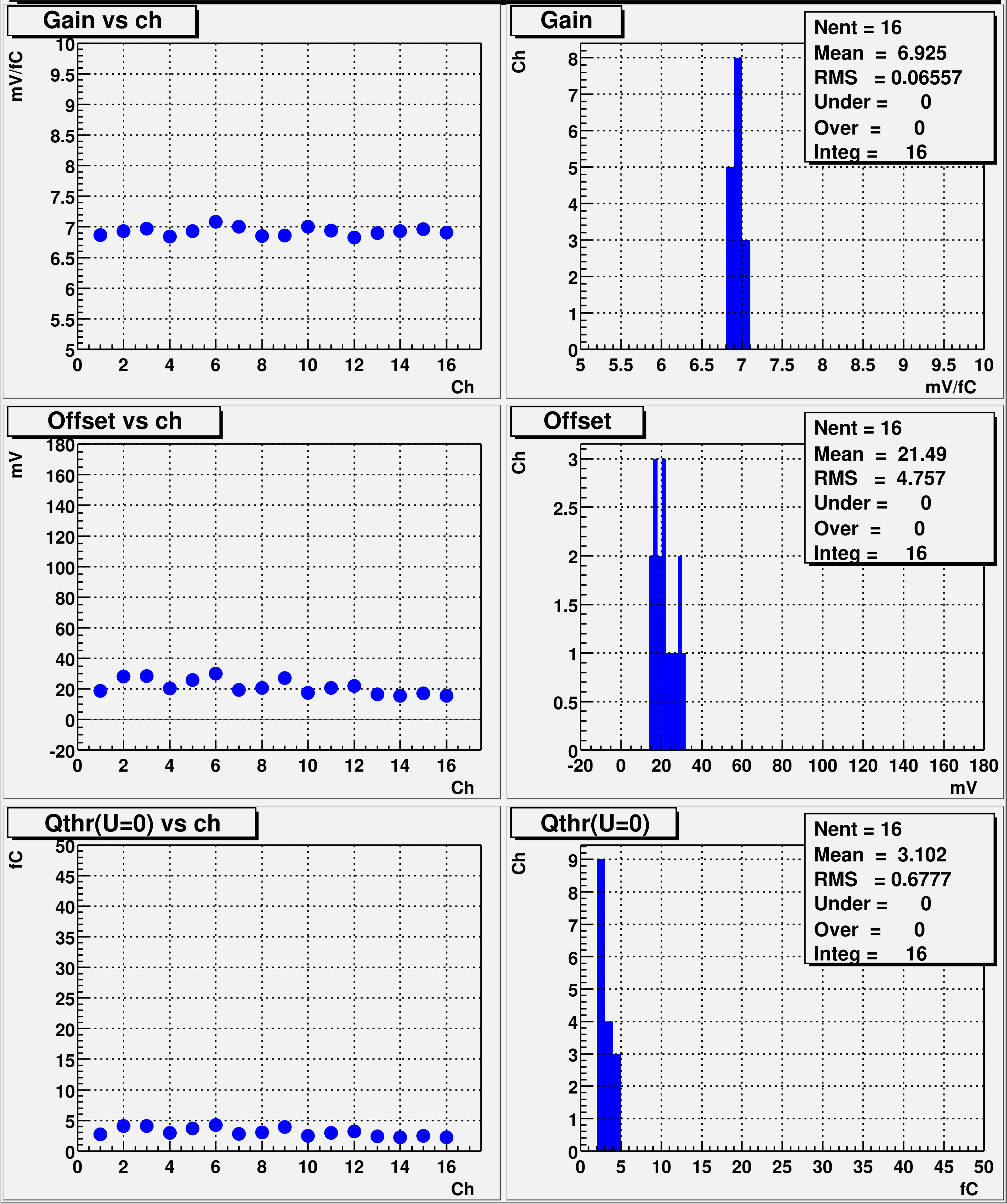


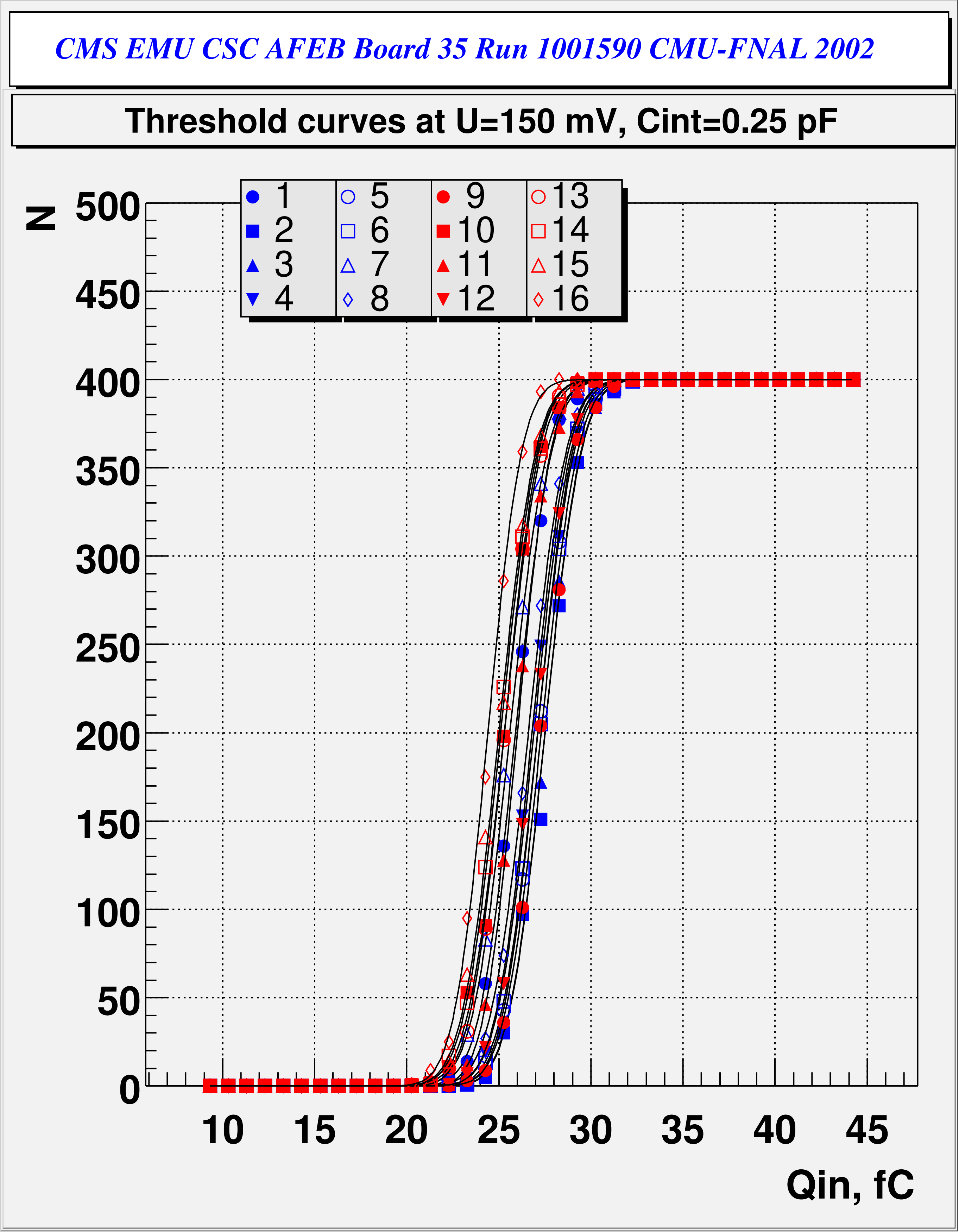

CMS EMU CSC AFEB Board 35 Run 1001590 CMU-FNAL 2002
Threshold curves at U=300 mV, Cinj=1.6 pF
N
500
450
400
350
300
250
200
150
100
50
0
30
35
40
45
50
55
60
65
70
Qin, fC
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16



CMS EMU CSC AFEB Board 35 Run 1001590 CMU-FNAL 2002
Qthr vs ch at U=300 mV, Cinj=1.6 pF
fC
Ch
Qthr
Nent = 16
Mean = 46.42
RMS = 0.7504
Under = 0
Over = 0
Integ = 16
Ch
fC
Noise vs ch at U=300 mV, Cinj=1.6 pF
fC
Ch
Noise
Nent = 16
Mean = 1.379
RMS = 0.05309
Under = 0
Over = 0
Integ = 16
Ch
fC
Chi2/NDF vs ch at U=300 mV, Cinj=1.6 pF
Chi2/NDF
Ch
Chi2/NDF
Nent = 16
Mean = 0.9012
RMS = 0.4664
Under = 0
Over = 0
Integ = 16
Ch
Chi2/NDF

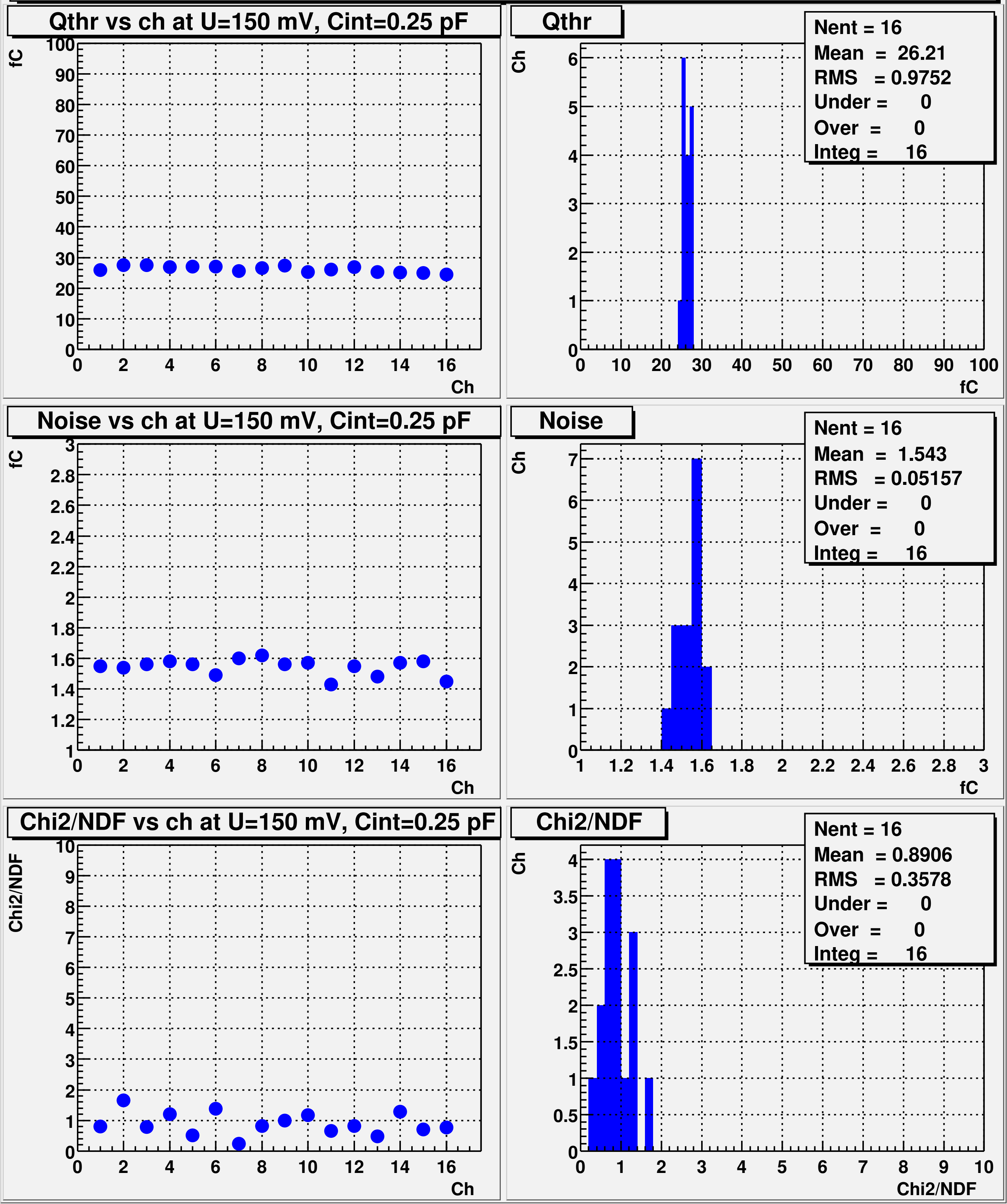
CMS EMU CSC AFEB Board 35 Run 1001590 CMU-FNAL 2002

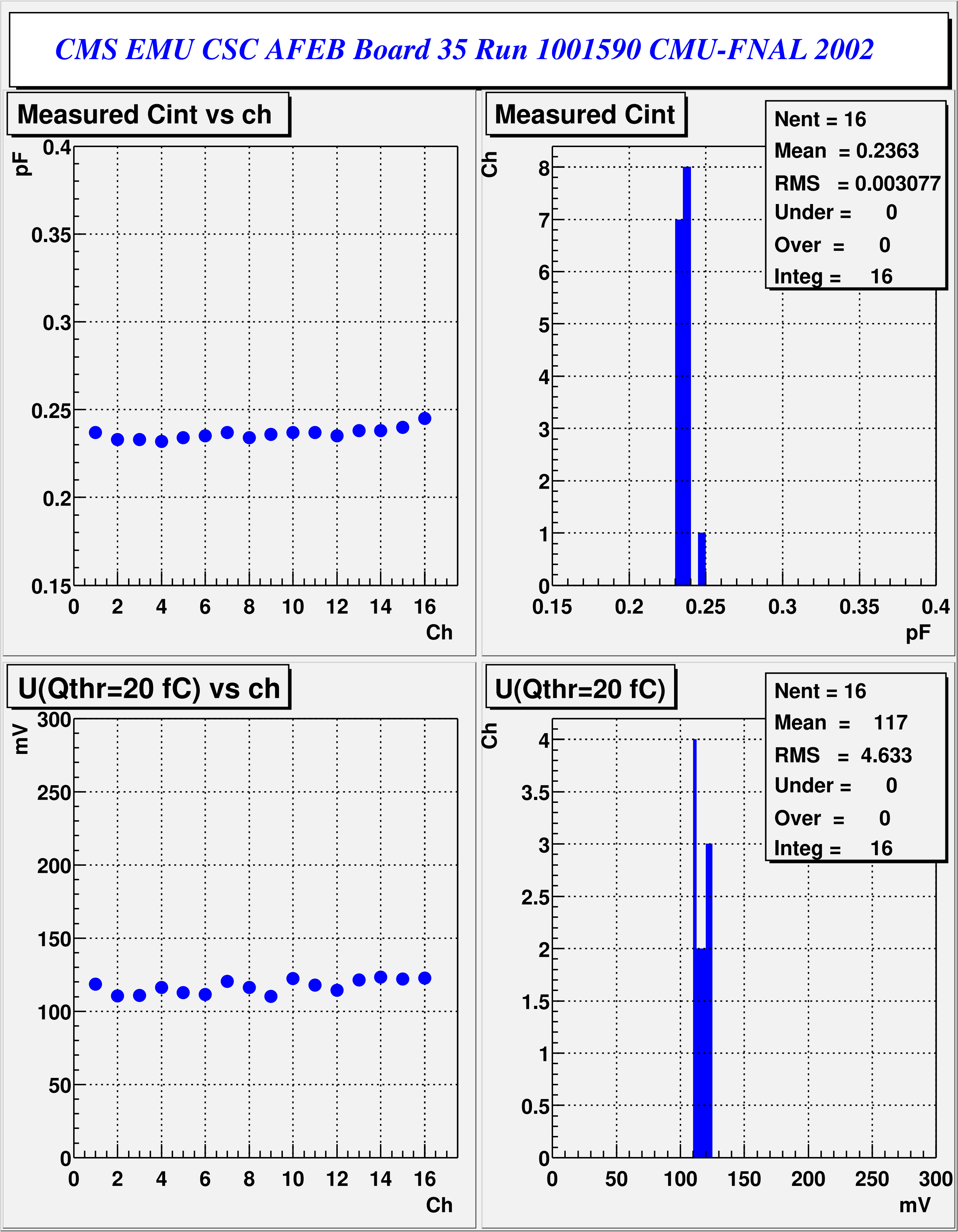




CMS EMU CSC AFEB Board 35 Run 1001590 CMU-FNAL 2002
Threshold curves at U=150 mV, Cint=0.25 pF
N
Qin, fC
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
0 50 100 150 200 250 300 350 400 450 500
10 15 20 25 30 35 40 45

CMS EMU CSC AFEB Board 35 Run 1001590 CMU-FNAL 2002




CMS EMU CSC AFEB Board 35 Run 1001590 CMU-FNAL 2002
Measured Cint vs ch
pF
Ch
Measured Cint
Nent = 16
Mean = 0.2363
RMS = 0.003077
Under = 0
Over = 0
Integ = 16
Ch
pF
U(Qthr=20 fC) vs ch
mV
Ch
U(Qthr=20 fC)
Nent = 16
Mean = 117
RMS = 4.633
Under = 0
Over = 0
Integ = 16
Ch
mV