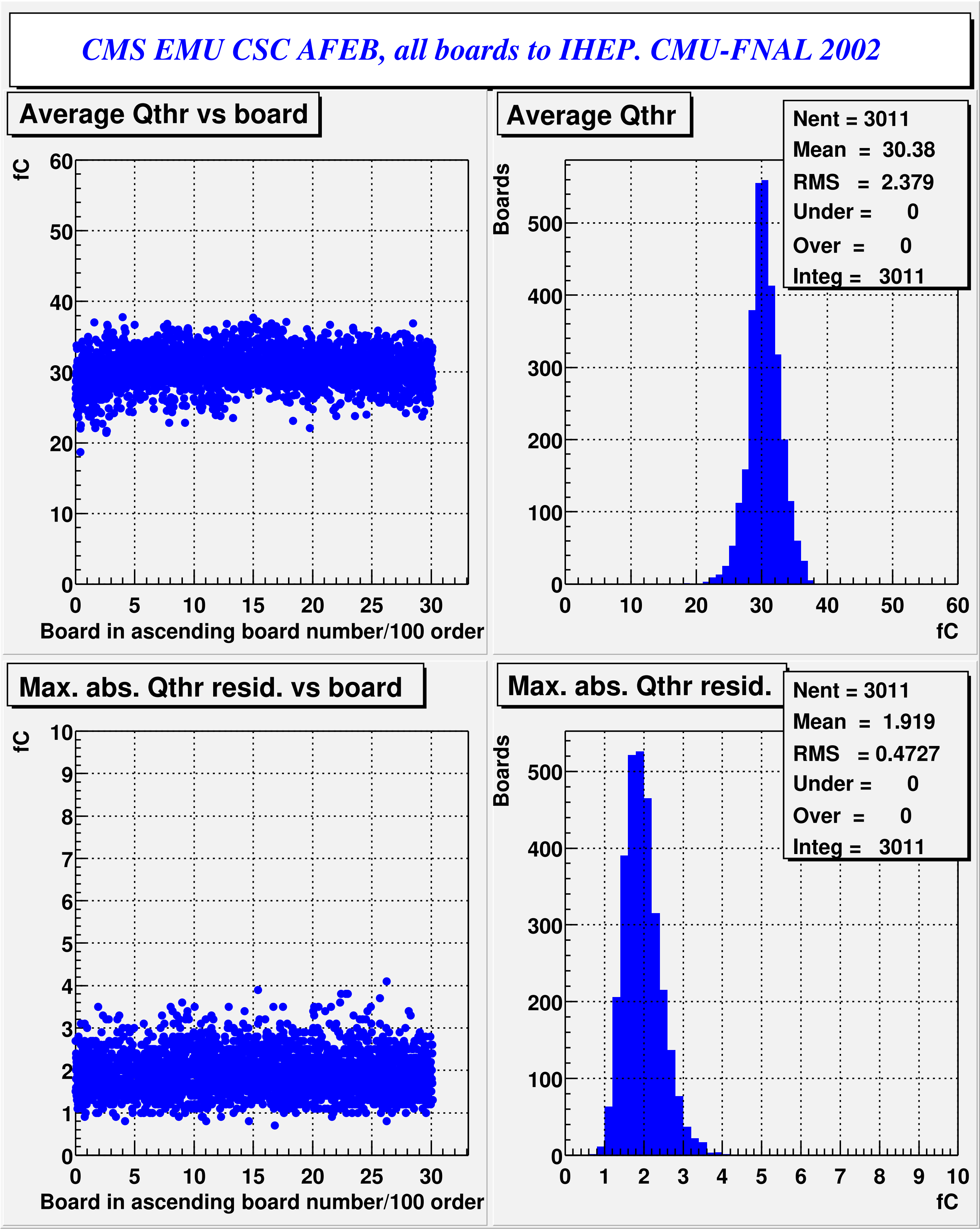
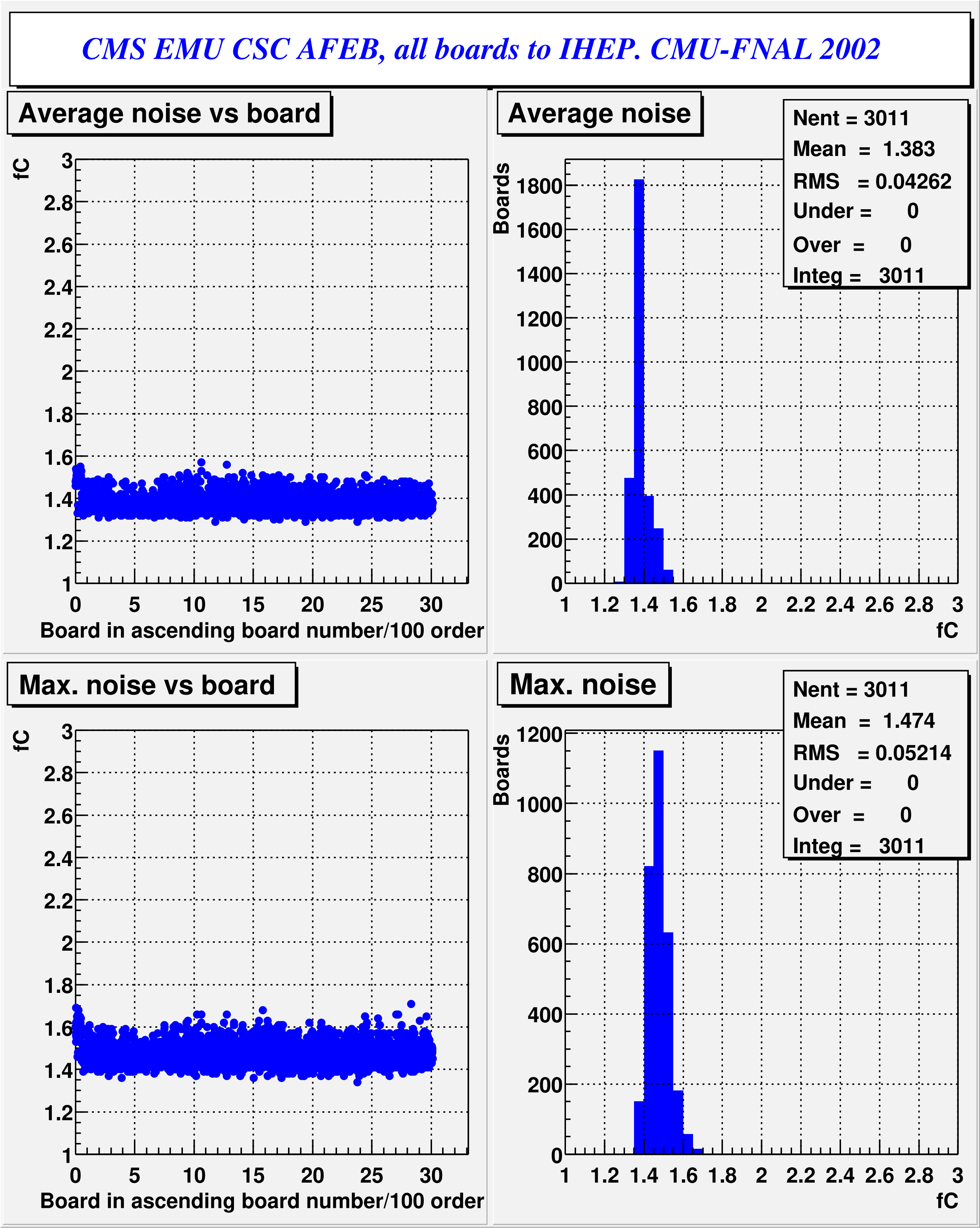
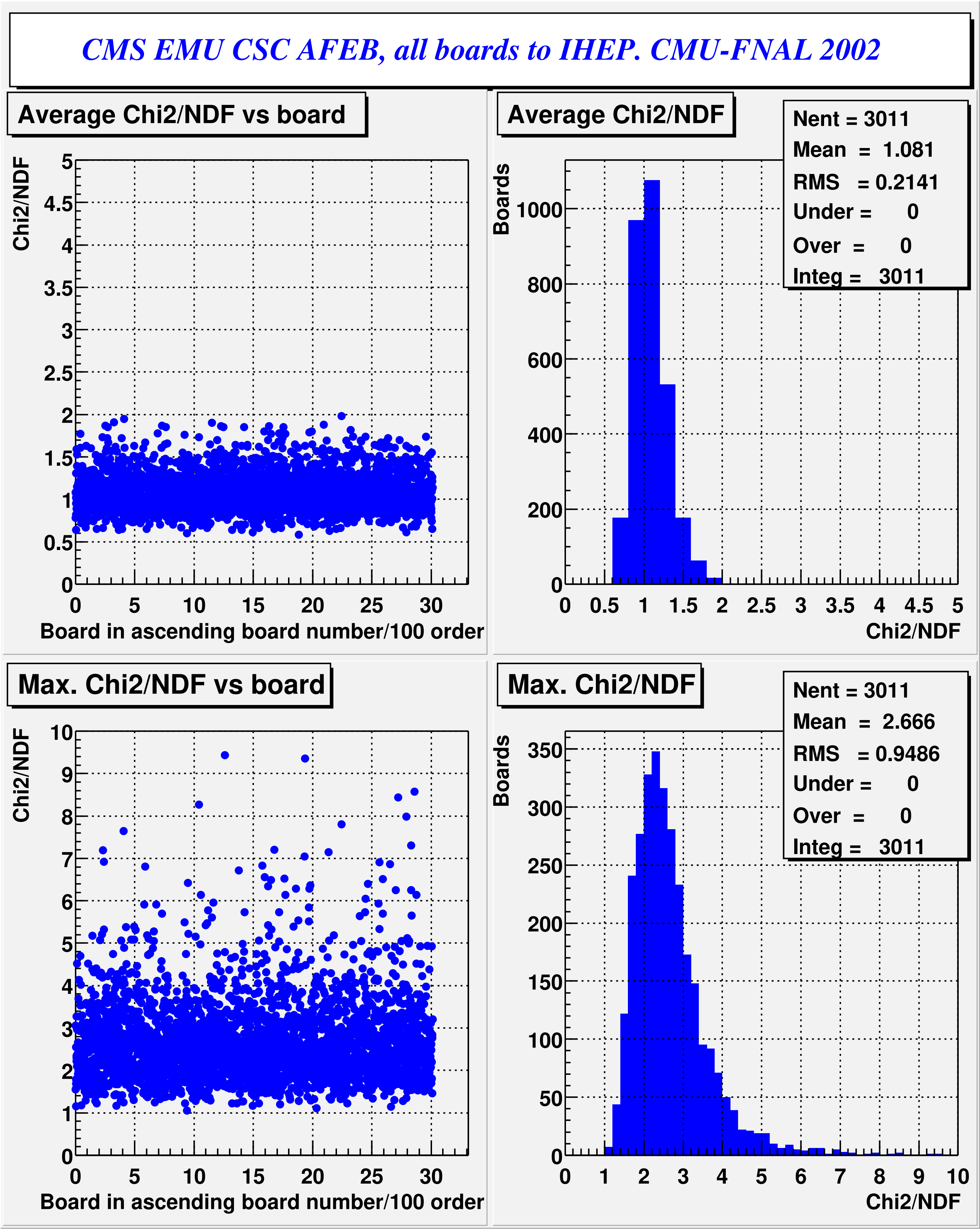
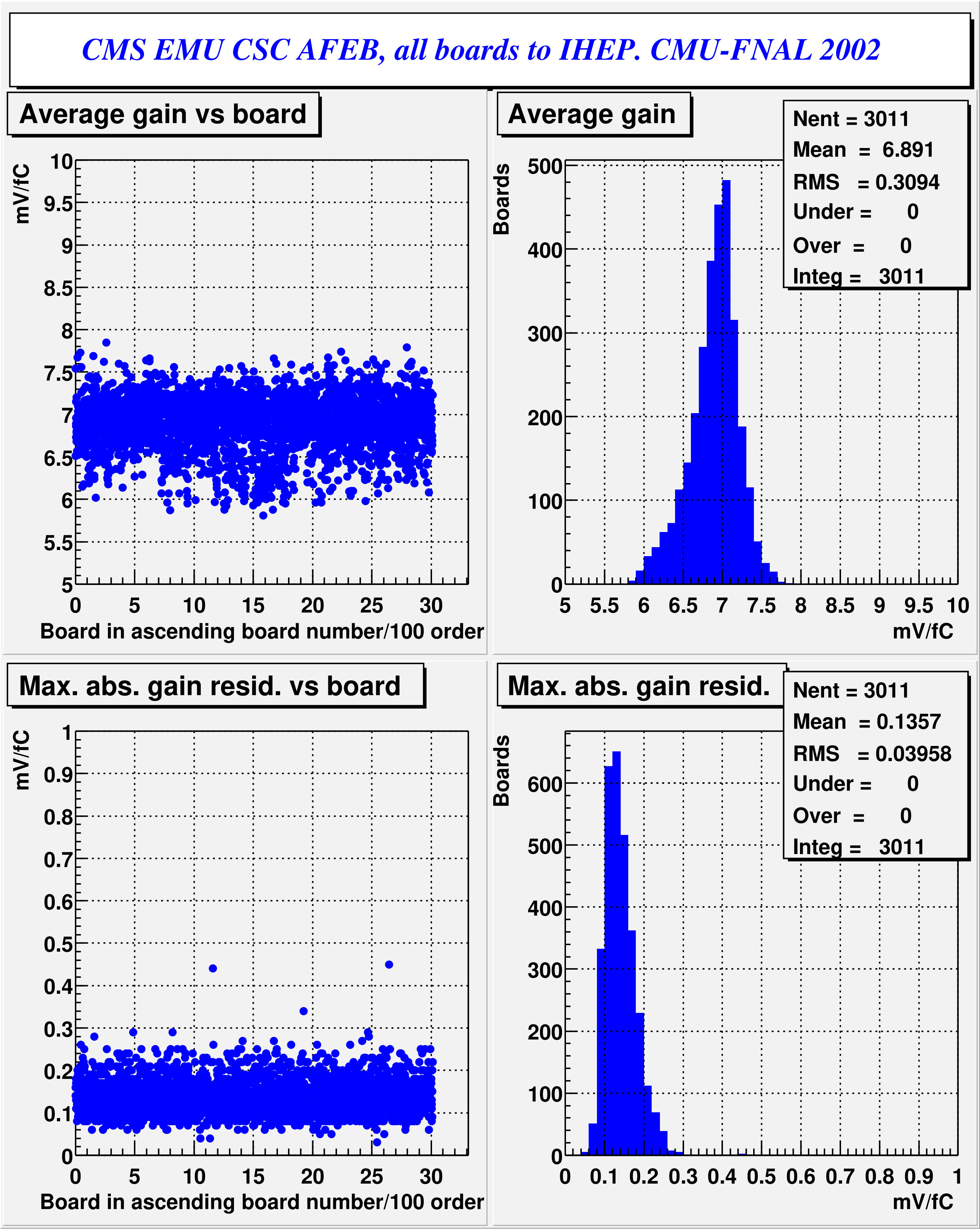
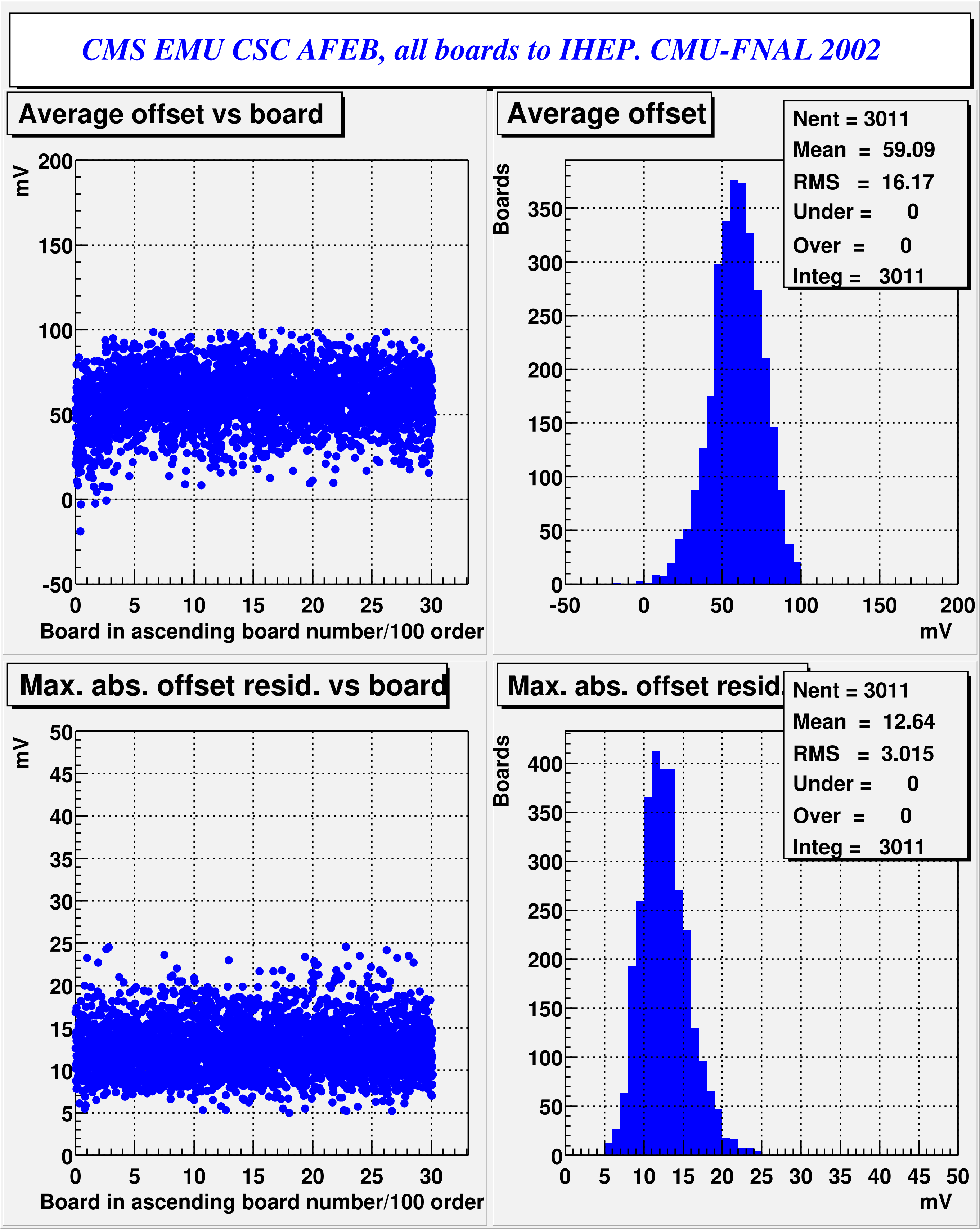

CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Average Qthr vs board
fC
Board in ascending board number/100 order
Average Qthr
Boards
Nent = 3011
Mean = 30.38
RMS = 2.379
Under = 0
Over = 0
Integ = 3011
fC
Max. abs. Qthr resid. vs board
fC
Board in ascending board number/100 order
Max. abs. Qthr resid.
Boards
Nent = 3011
Mean = 1.919
RMS = 0.4727
Under = 0
Over = 0
Integ = 3011
fC

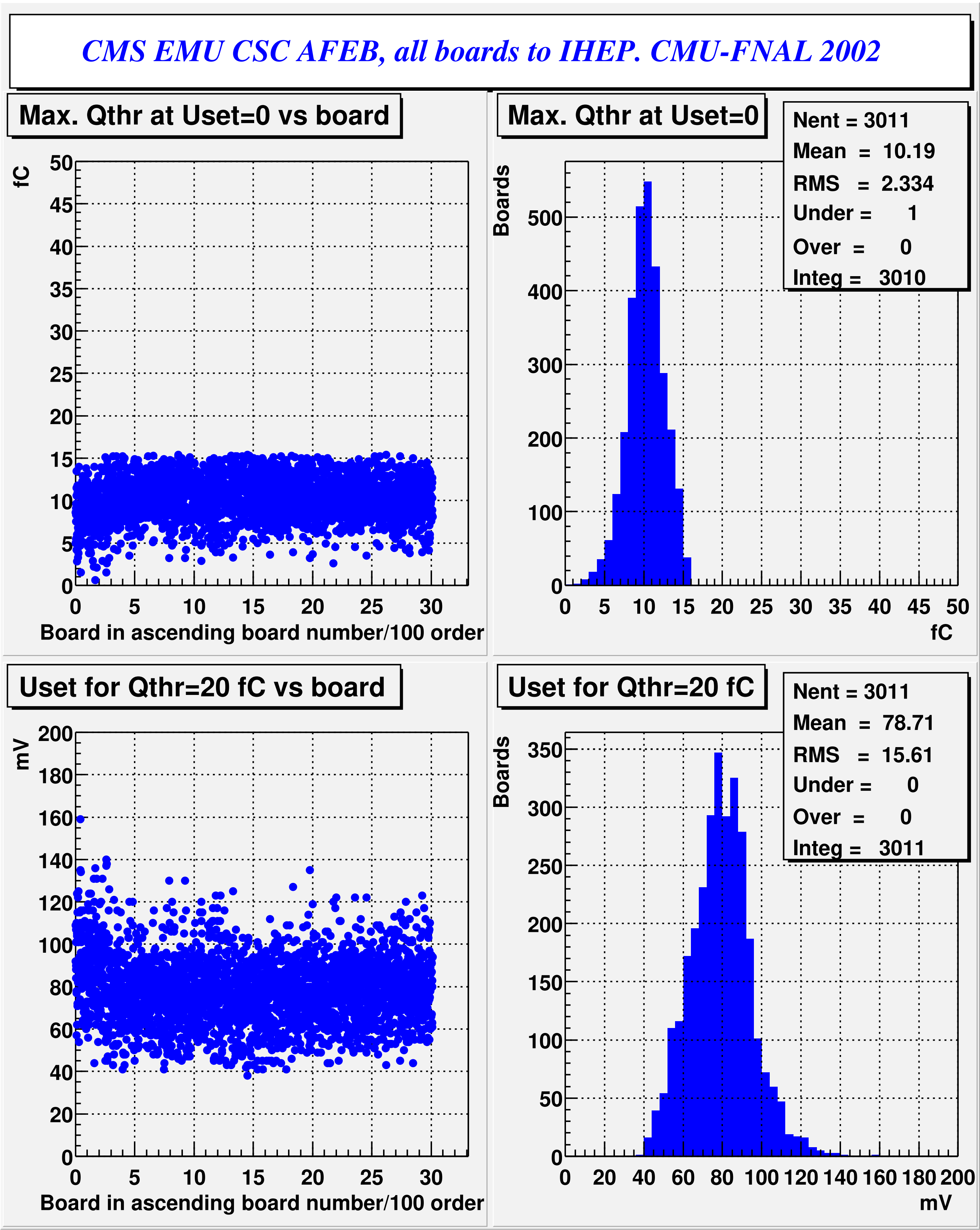

CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Average noise vs board
fC
Board in ascending board number/100 order
Average noise
Nent = 3011
Mean = 1.383
RMS = 0.04262
Under = 0
Over = 0
Integ = 3011
Boards
fC
Max. noise vs board
fC
Board in ascending board number/100 order
Max. noise
Nent = 3011
Mean = 1.474
RMS = 0.05214
Under = 0
Over = 0
Integ = 3011
Boards
fC

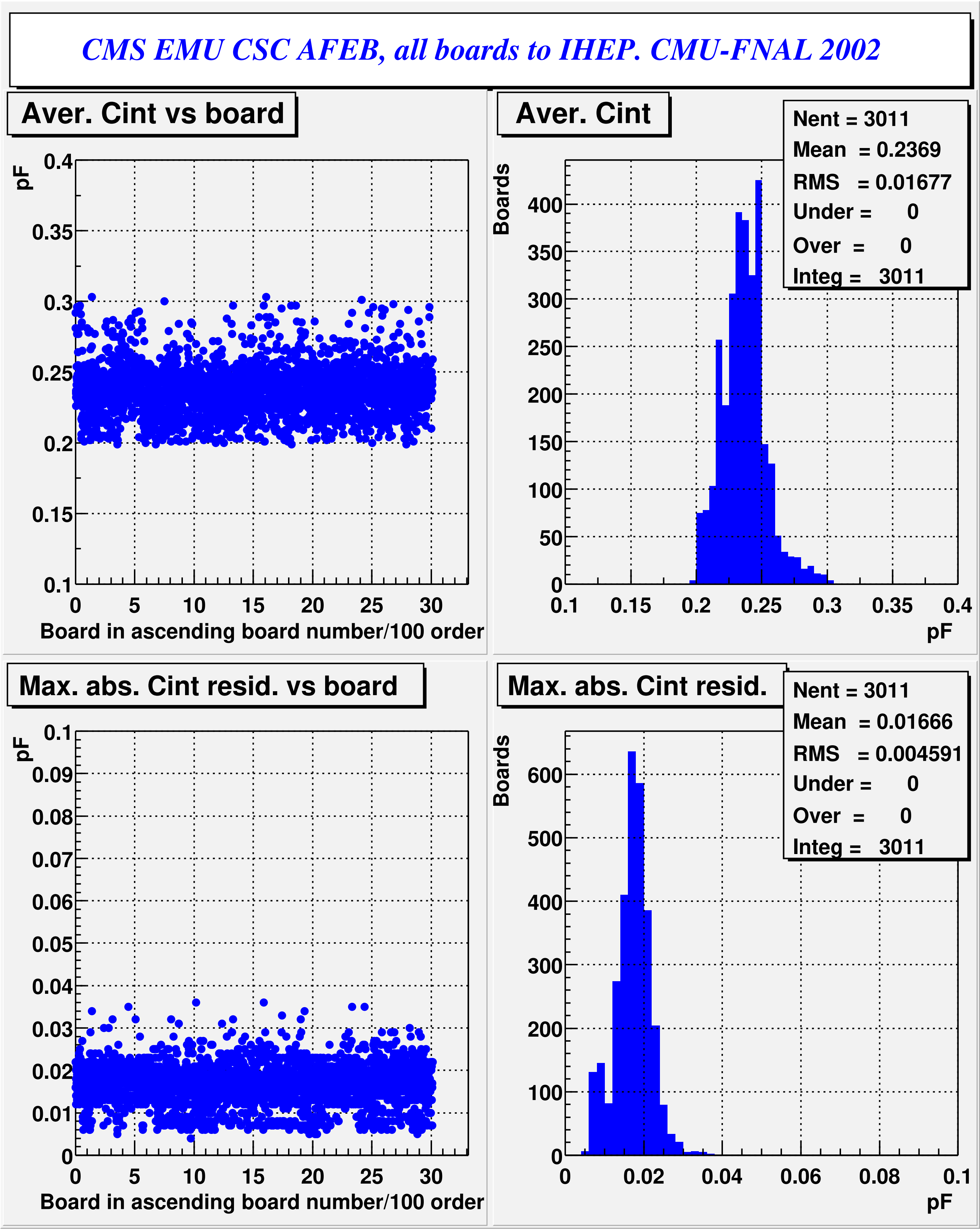

CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Average Chi2/NDF vs board
Chi2/NDF
Board in ascending board number/100 order
Average Chi2/NDF
Nent = 3011
Mean = 1.081
RMS = 0.2141
Under = 0
Over = 0
Integ = 3011
Boards
Chi2/NDF
Max. Chi2/NDF vs board
Chi2/NDF
Board in ascending board number/100 order
Max. Chi2/NDF
Nent = 3011
Mean = 2.666
RMS = 0.9486
Under = 0
Over = 0
Integ = 3011
Boards
Chi2/NDF

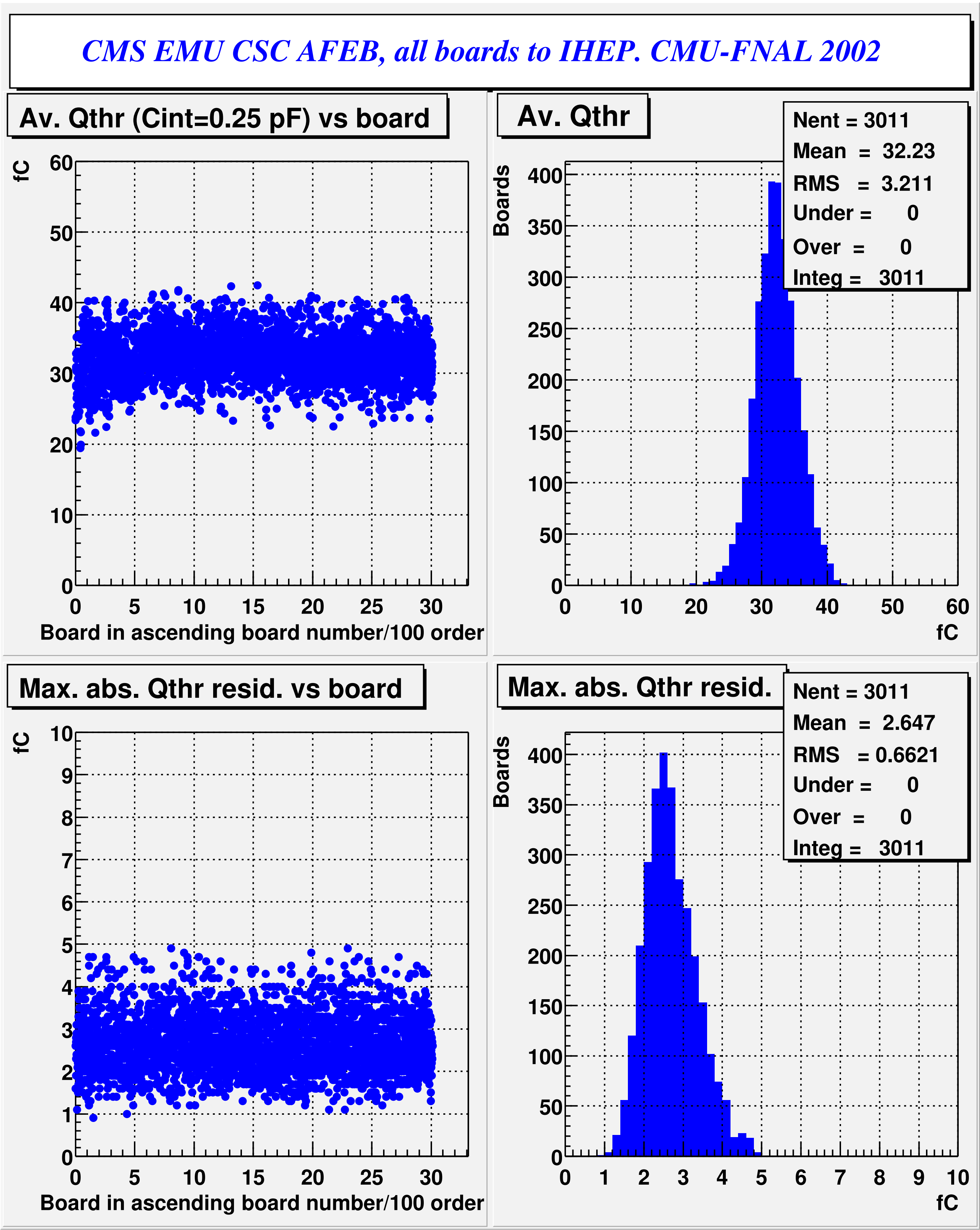

CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Average gain vs board
mV/fC
Board in ascending board number/100 order
Average gain
Boards
mV/fC
Nent = 3011
Mean = 6.891
RMS = 0.3094
Under = 0
Over = 0
Integ = 3011
Max. abs. gain resid. vs board
mV/fC
Board in ascending board number/100 order
Max. abs. gain resid.
Boards
mV/fC
Nent = 3011
Mean = 0.1357
RMS = 0.03958
Under = 0
Over = 0
Integ = 3011

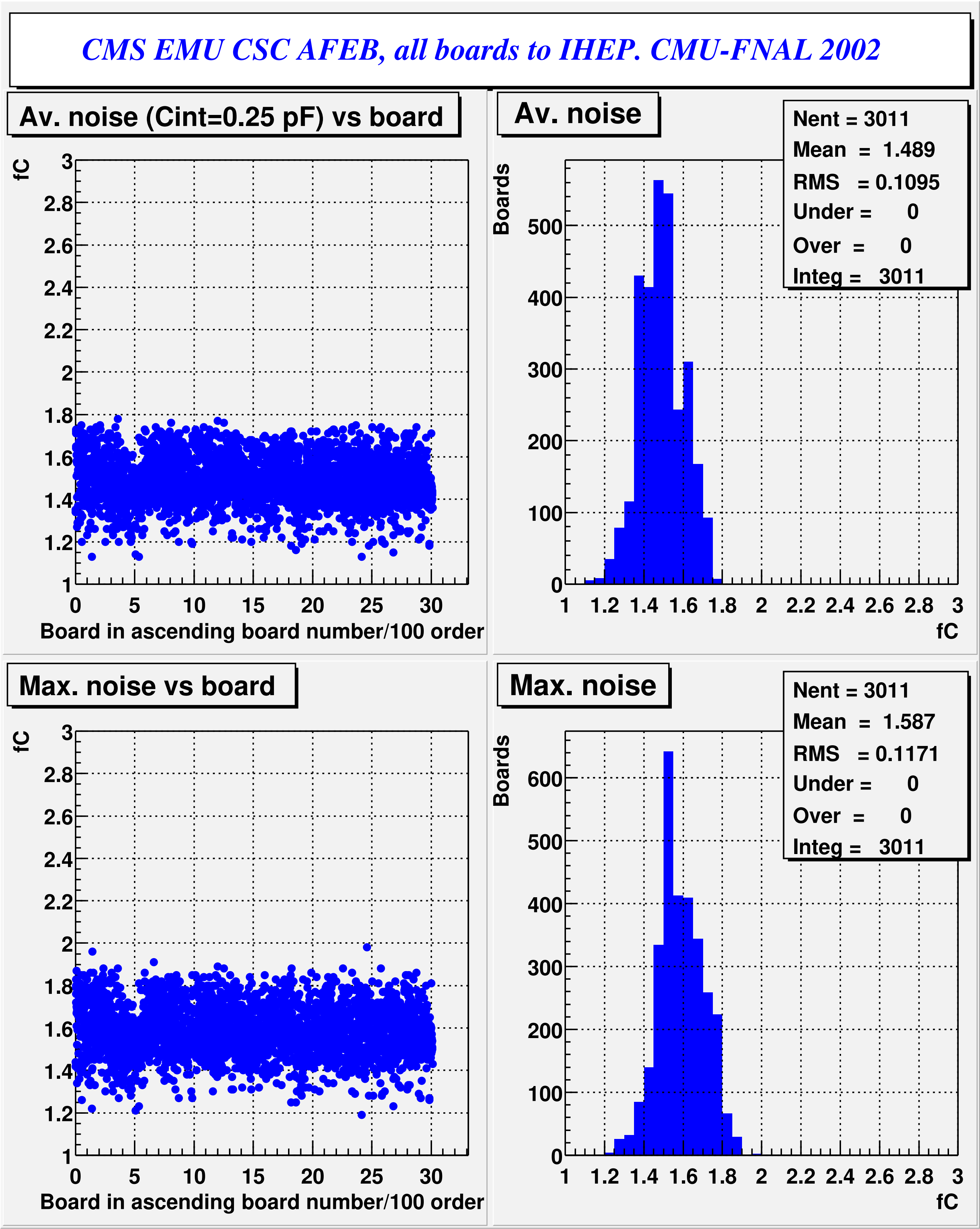


CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Average offset vs board
mV
Board in ascending board number/100 order
Average offset
Boards
mV
Nent = 3011
Mean = 59.09
RMS = 16.17
Under = 0
Over = 0
Integ = 3011
Max. abs. offset resid. vs board
mV
Board in ascending board number/100 order
Max. abs. offset resid.
Boards
mV
Nent = 3011
Mean = 12.64
RMS = 3.015
Under = 0
Over = 0
Integ = 3011

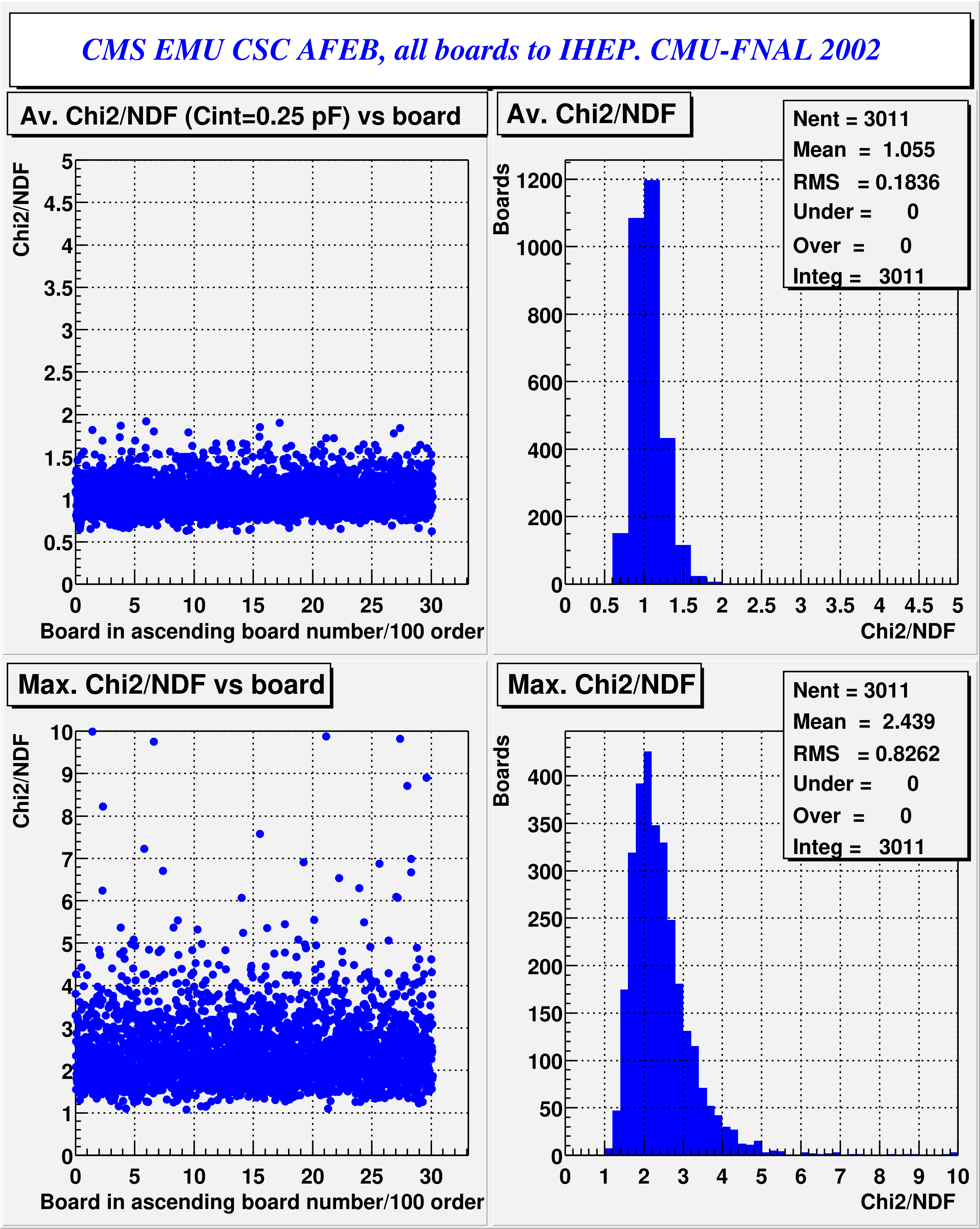

CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Max. Qthr at Uset=0 vs board
fC
Board in ascending board number/100 order
Max. Qthr at Uset=0
Nent = 3011
Mean = 10.19
RMS = 2.334
Under = 1
Over = 0
Integ = 3010
Boards
fC
Uset for Qthr=20 fC vs board
mV
Board in ascending board number/100 order
Uset for Qthr=20 fC
Nent = 3011
Mean = 78.71
RMS = 15.61
Under = 0
Over = 0
Integ = 3011
Boards
mV


CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Aver. Cint vs board
pF
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0 5 10 15 20 25 30
Board in ascending board number/100 order
Aver. Cint
Nent = 3011
Mean = 0.2369
RMS = 0.01677
Under = 0
Over = 0
Integ = 3011
Boards
400
350
300
250
200
150
100
50
0
0.1 0.15 0.2 0.25 0.3 0.35 0.4
pF
Max. abs. Cint resid. vs board
pF
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0 5 10 15 20 25 30
Board in ascending board number/100 order
Max. abs. Cint resid.
Nent = 3011
Mean = 0.01666
RMS = 0.004591
Under = 0
Over = 0
Integ = 3011
Boards
600
500
400
300
200
100
0
0 0.02 0.04 0.06 0.08 0.1
pF


CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Av. Qthr (Cint=0.25 pF) vs board
fC
Board in ascending board number/100 order
Av. Qthr
Nent = 3011
Mean = 32.23
RMS = 3.211
Under = 0
Over = 0
Integ = 3011
Boards
fC
Max. abs. Qthr resid. vs board
fC
Board in ascending board number/100 order
Max. abs. Qthr resid.
Nent = 3011
Mean = 2.647
RMS = 0.6621
Under = 0
Over = 0
Integ = 3011
Boards
fC



CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Av. noise (Cint=0.25 pF) vs board
fC
Board in ascending board number/100 order
Av. noise
Nent = 3011
Mean = 1.489
RMS = 0.1095
Under = 0
Over = 0
Integ = 3011
Boards
fC
Max. noise vs board
fC
Board in ascending board number/100 order
Max. noise
Nent = 3011
Mean = 1.587
RMS = 0.1171
Under = 0
Over = 0
Integ = 3011
Boards
fC


CMS EMU CSC AFEB, all boards to IHEP. CMU-FNAL 2002
Av. Chi2/NDF (Cint=0.25 pF) vs board
Chi2/NDF
Board in ascending board number/100 order
Av. Chi2/NDF
Boards
Chi2/NDF
Nent = 3011
Mean = 1.055
RMS = 0.1836
Under = 0
Over = 0
Integ = 3011
Max. Chi2/NDF vs board
Chi2/NDF
Board in ascending board number/100 order
Max. Chi2/NDF
Boards
Chi2/NDF
Nent = 3011
Mean = 2.439
RMS = 0.8262
Under = 0
Over = 0
Integ = 3011