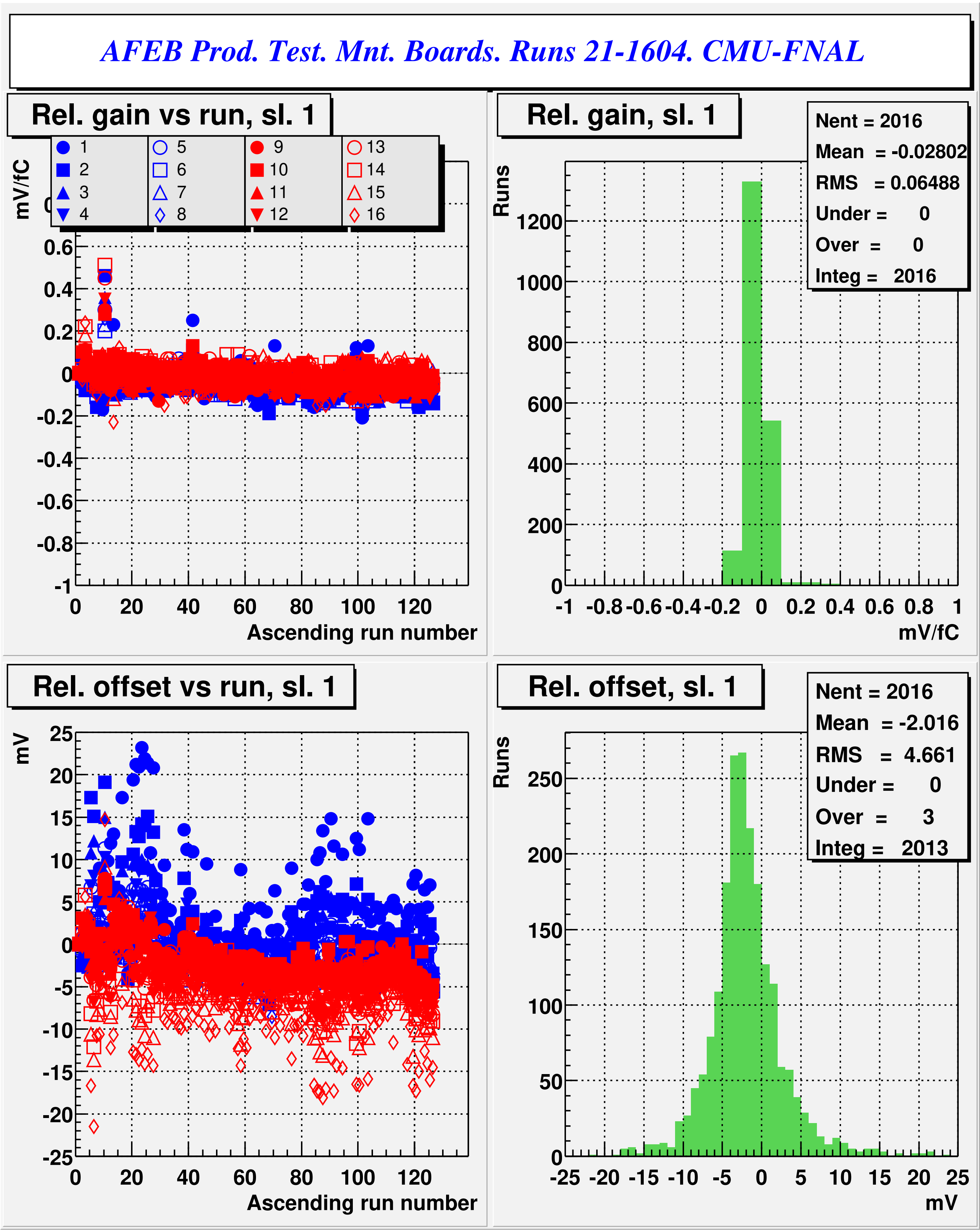
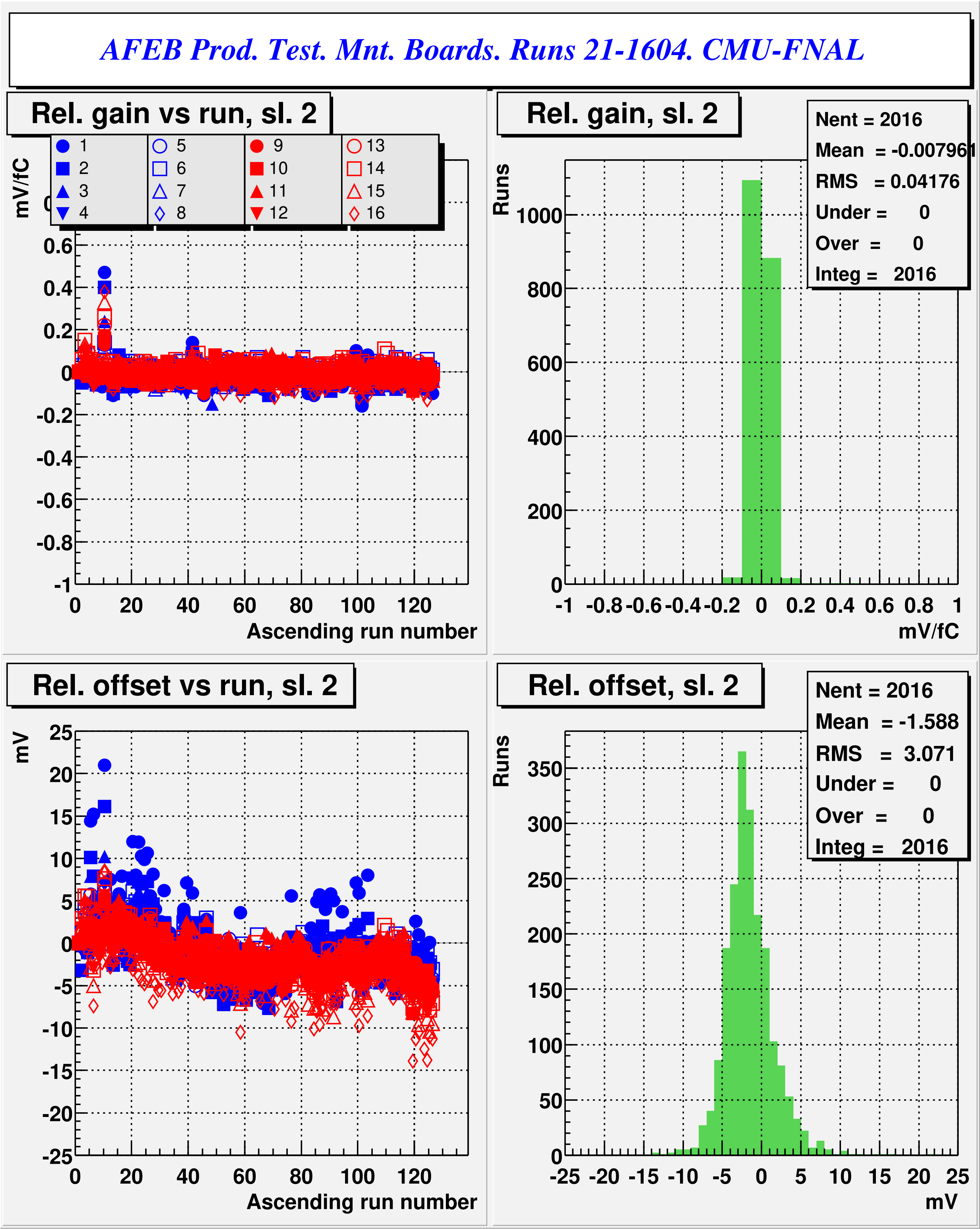
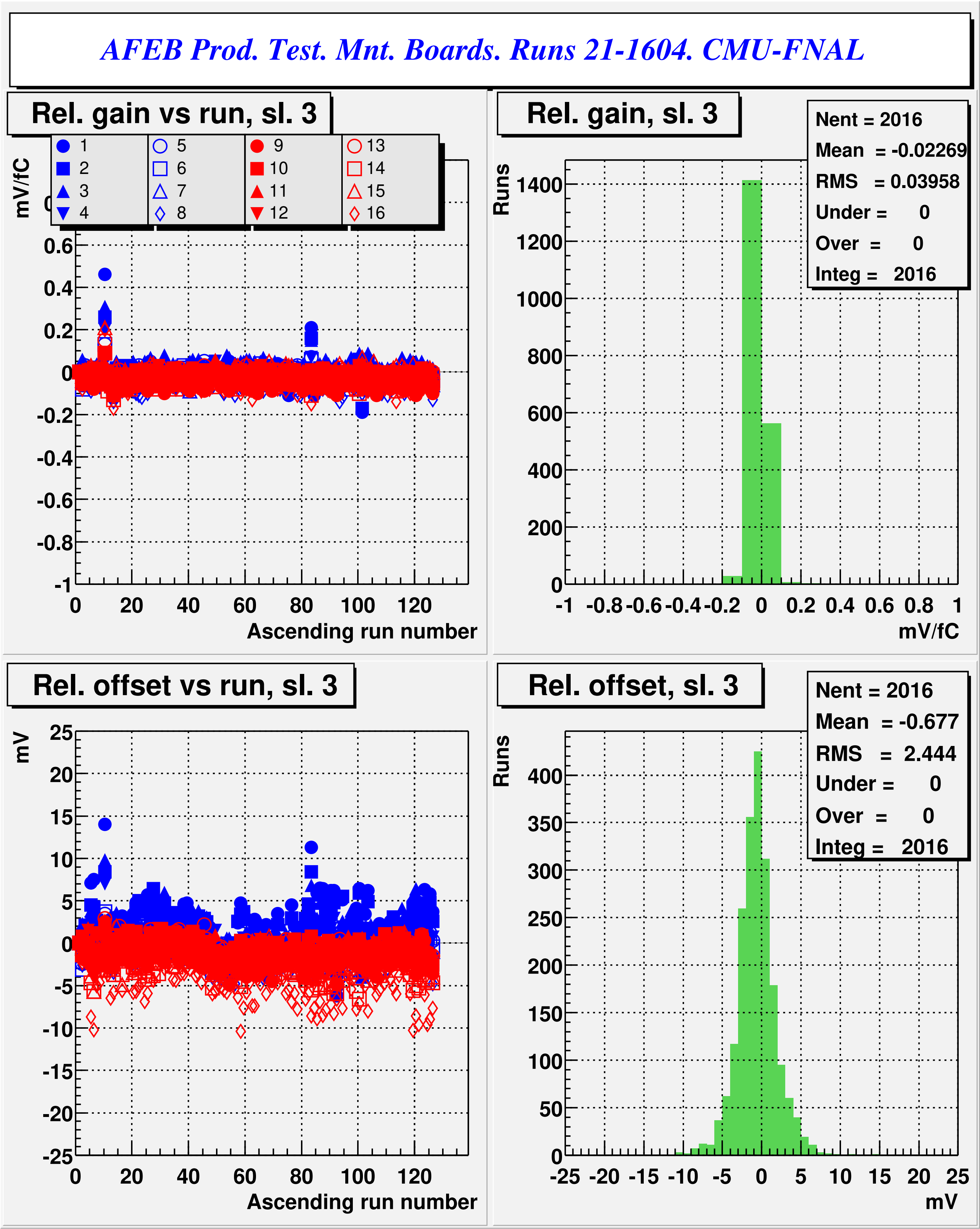

AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL
Rel. gain vs run, sl. 1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
mV/fC
Ascending run number
Rel. gain, sl. 1
Nent = 2016
Mean = -0.02802
RMS = 0.06488
Under = 0
Over = 0
Integ = 2016
Runs
mV/fC
Rel. offset vs run, sl. 1
mV
Ascending run number
Rel. offset, sl. 1
Nent = 2016
Mean = -2.016
RMS = 4.661
Under = 0
Over = 3
Integ = 2013
Runs
mV

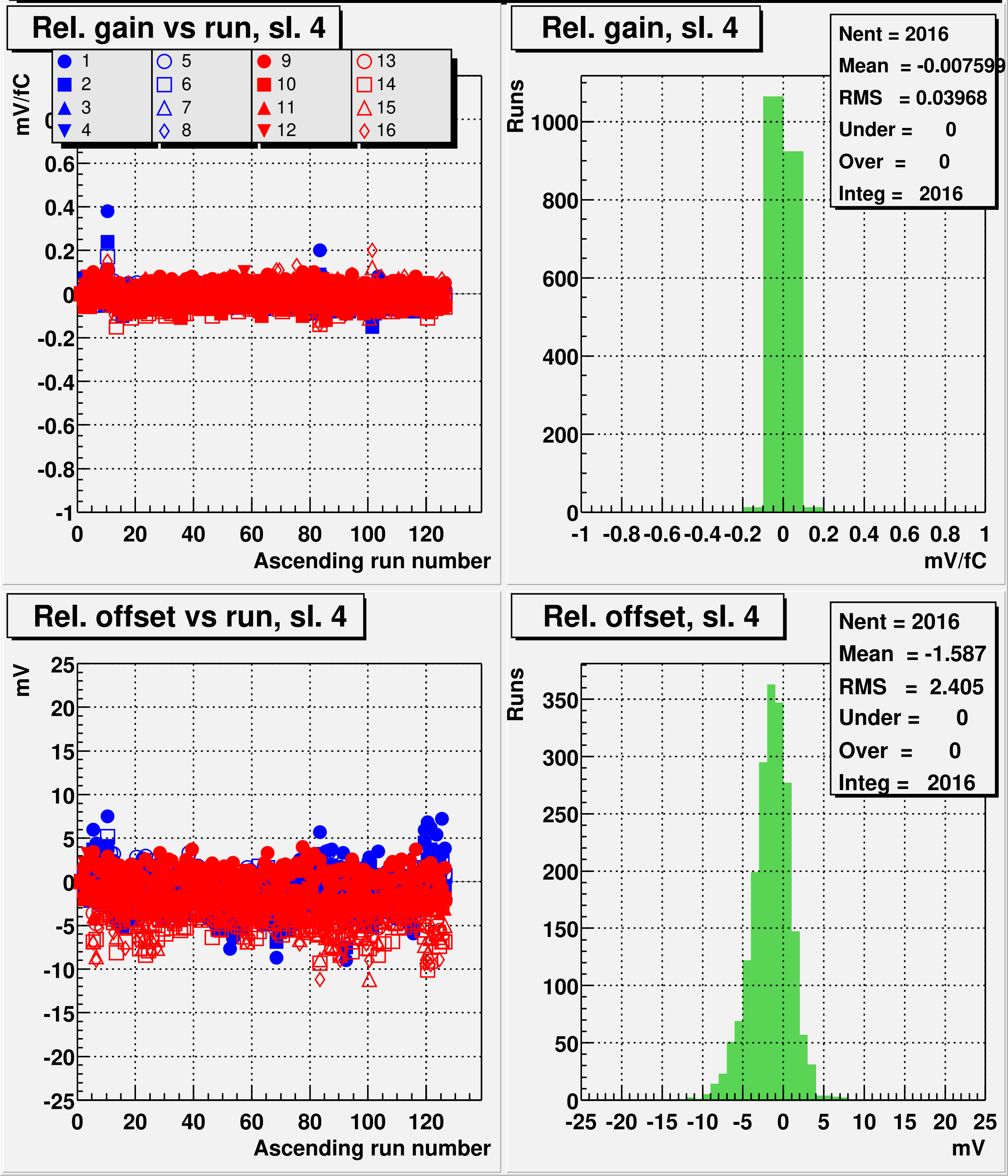


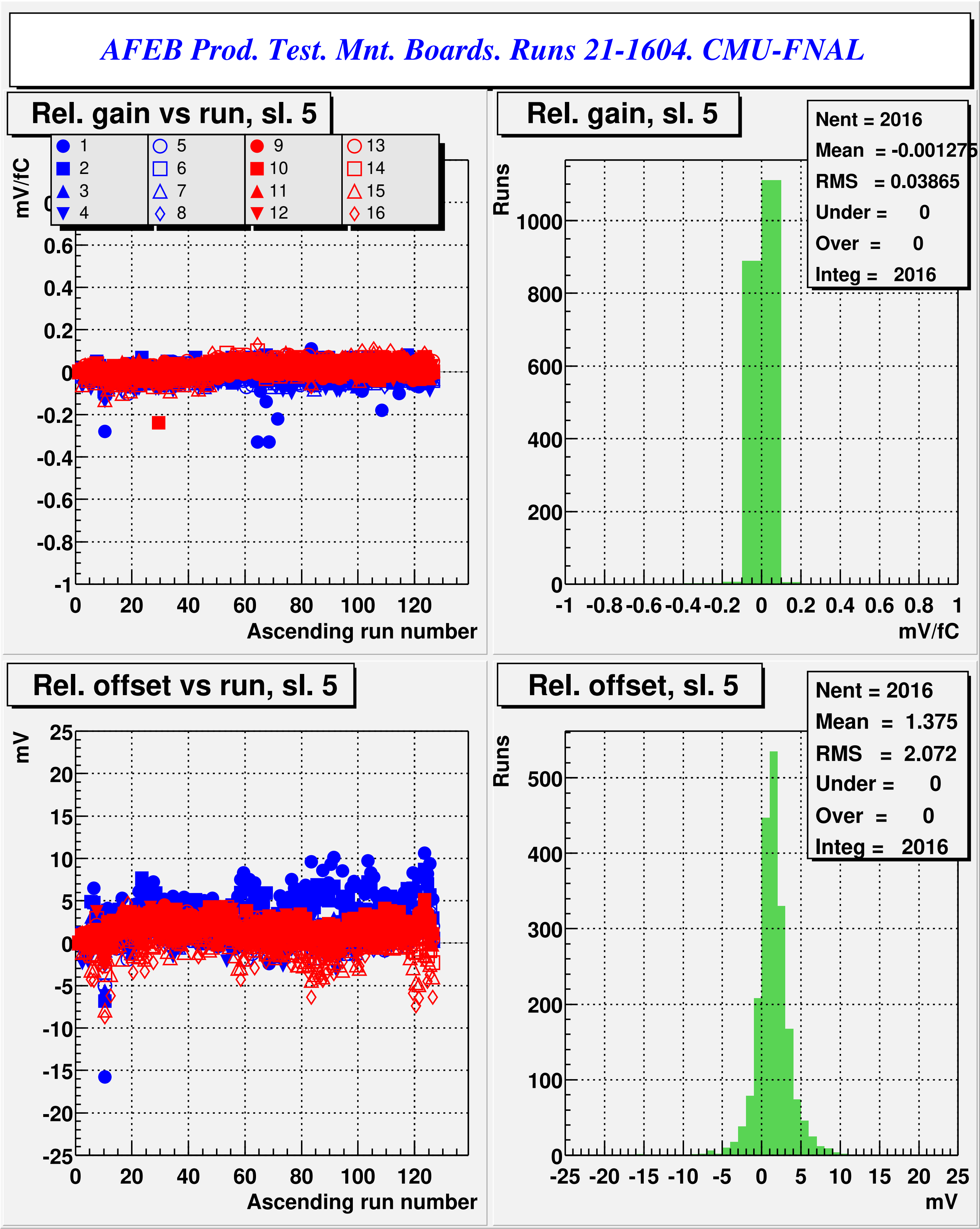
AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL
Rel. gain vs run, sl. 2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
mV/fC
Ascending run number
Rel. gain, sl. 2
Runs
Nent = 2016
Mean = -0.007961
RMS = 0.04176
Under = 0
Over = 0
Integ = 2016
mV/fC
Rel. offset vs run, sl. 2
mV
Ascending run number
Rel. offset, sl. 2
Runs
Nent = 2016
Mean = -1.588
RMS = 3.071
Under = 0
Over = 0
Integ = 2016
mV



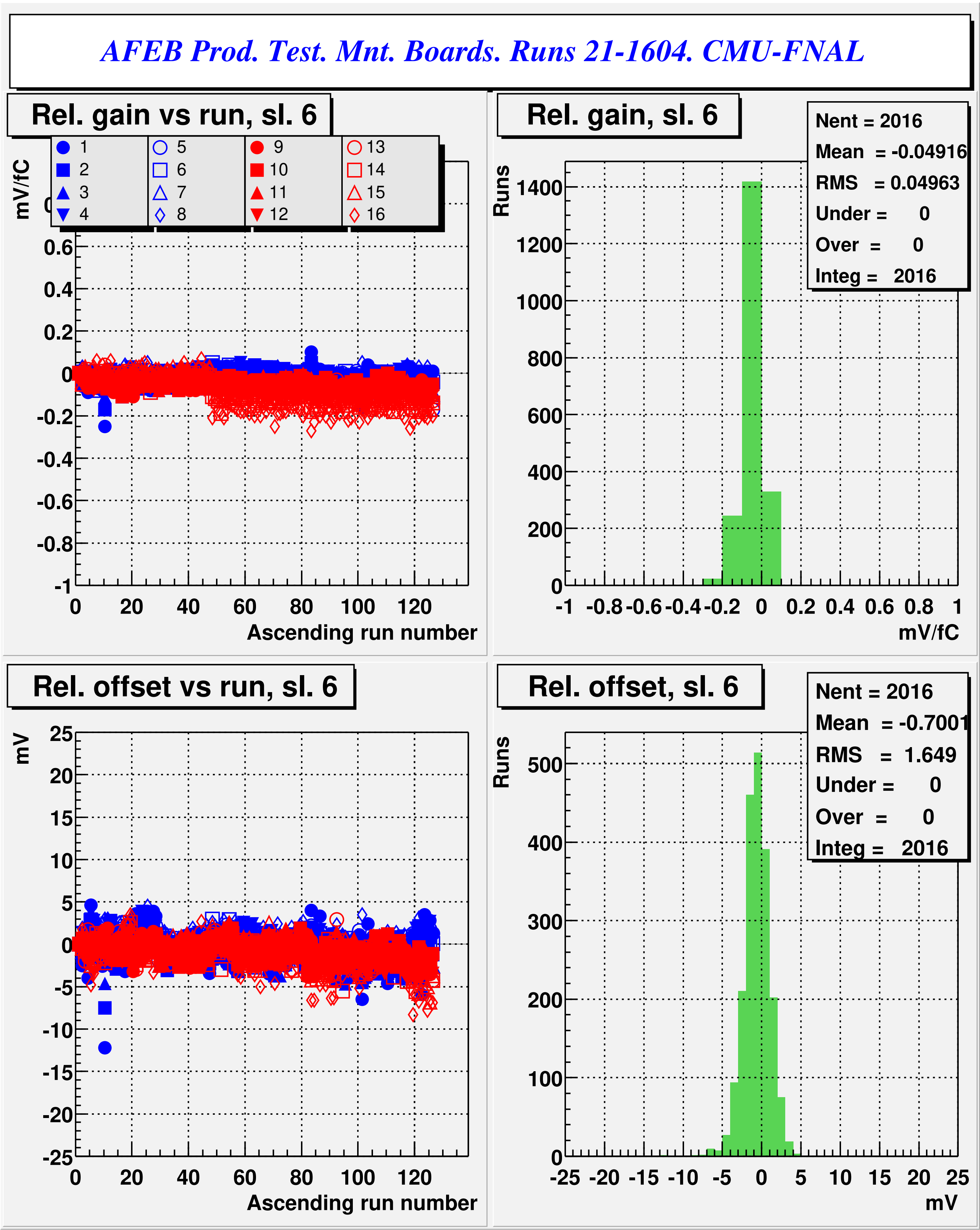
AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL
Rel. gain vs run, sl. 3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
mV/fC
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
20
40
60
80
100
120
Ascending run number
Rel. gain, sl. 3
Nent = 2016
Mean = -0.02269
RMS = 0.03958
Under = 0
Over = 0
Integ = 2016
Runs
1400
1200
1000
800
600
400
200
0
-1
-0.8
-0.6
-0.4
-0.2
0
0.2
0.4
0.6
0.8
1
mV/fC
Rel. offset vs run, sl. 3
mV
25
20
15
10
5
0
-5
-10
-15
-20
-25
0
20
40
60
80
100
120
Ascending run number
Rel. offset, sl. 3
Nent = 2016
Mean = -0.677
RMS = 2.444
Under = 0
Over = 0
Integ = 2016
Runs
400
350
300
250
200
150
100
50
0
-25
-20
-15
-10
-5
0
5
10
15
20
25
mV

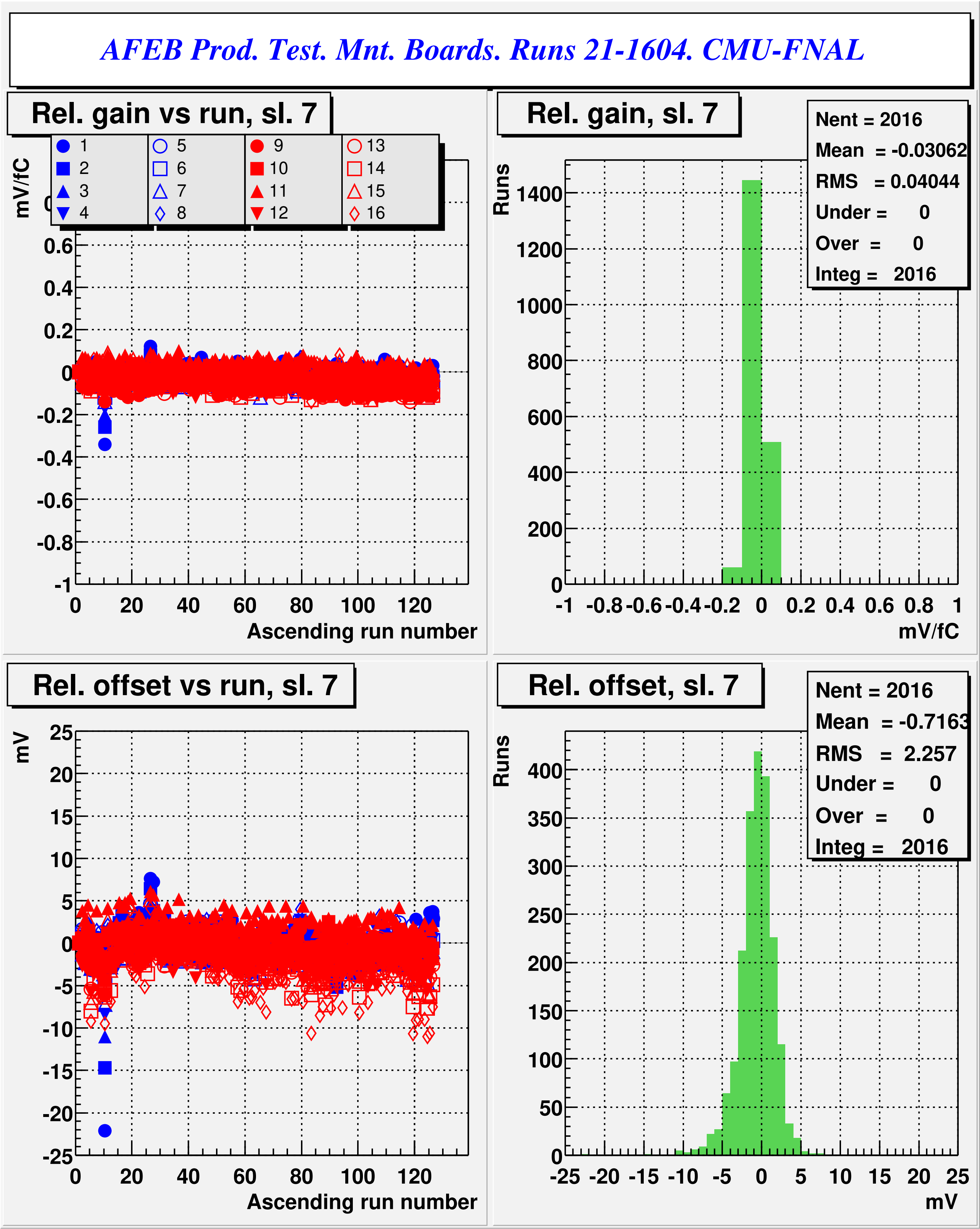
AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL



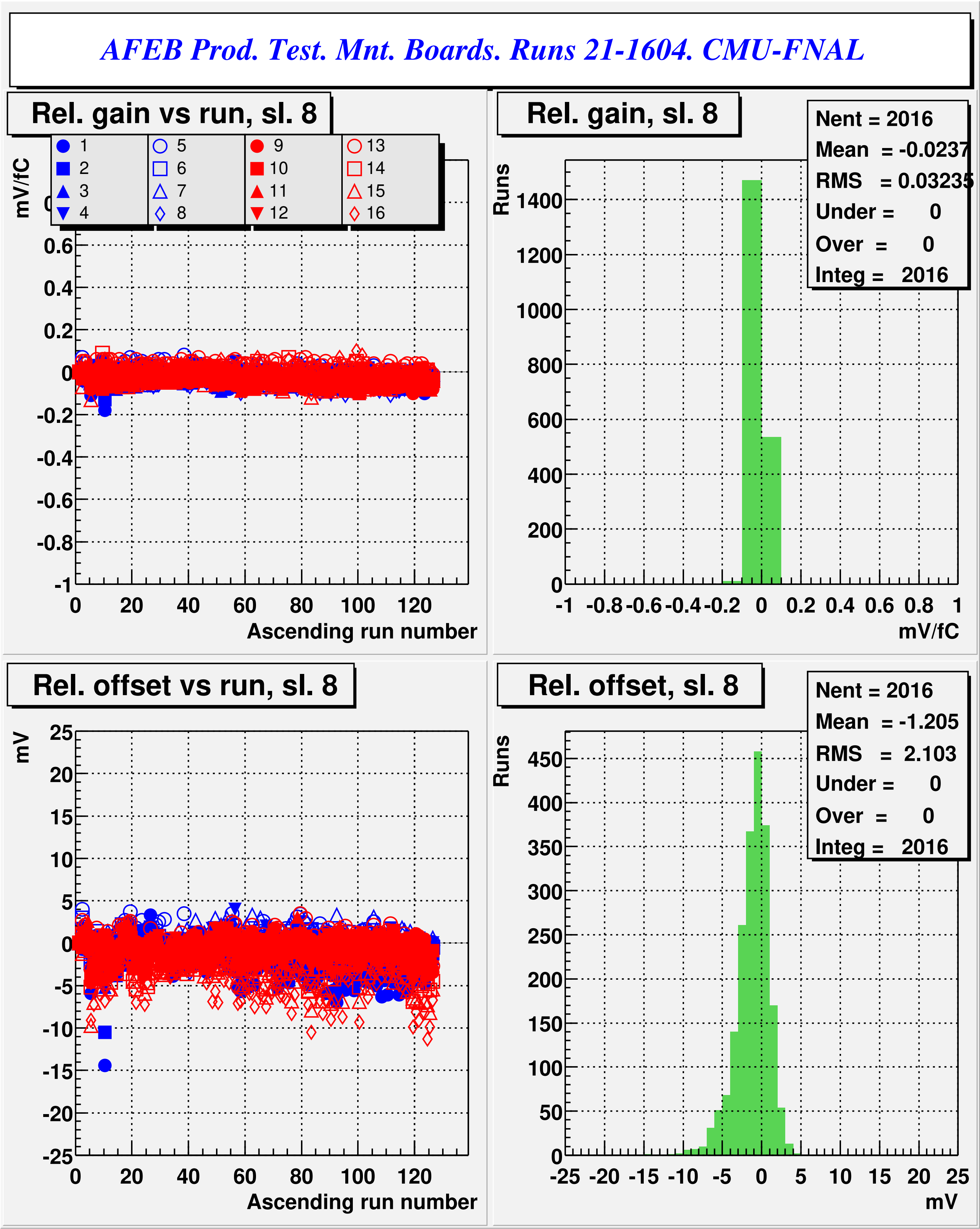


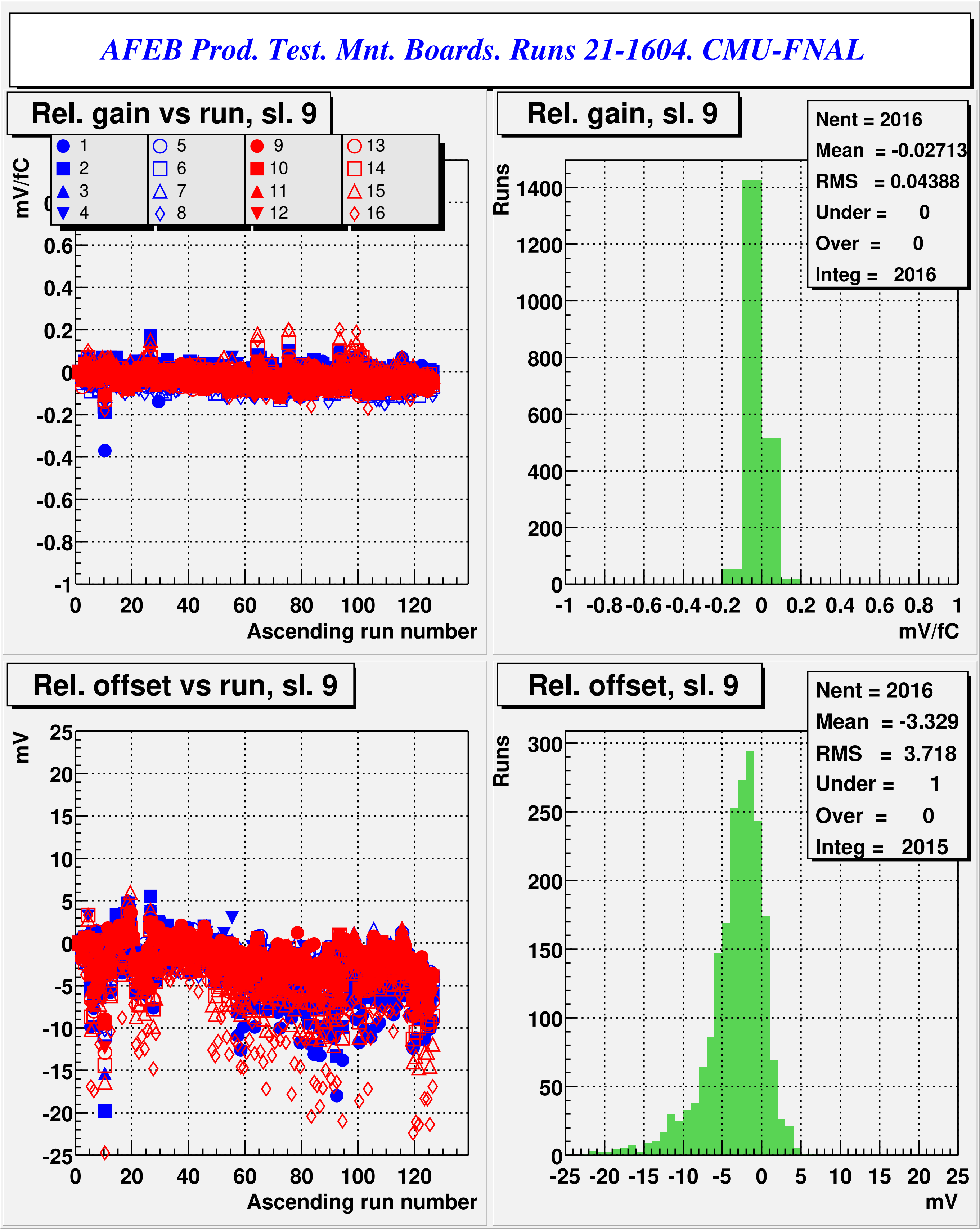
AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL
Rel. gain vs run, sl. 5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
mV/fC
Ascending run number
Rel. gain, sl. 5
Nent = 2016
Mean = -0.001275
RMS = 0.03865
Under = 0
Over = 0
Integ = 2016
Runs
mV/fC
Rel. offset vs run, sl. 5
mV
Ascending run number
Rel. offset, sl. 5
Nent = 2016
Mean = 1.375
RMS = 2.072
Under = 0
Over = 0
Integ = 2016
Runs
mV

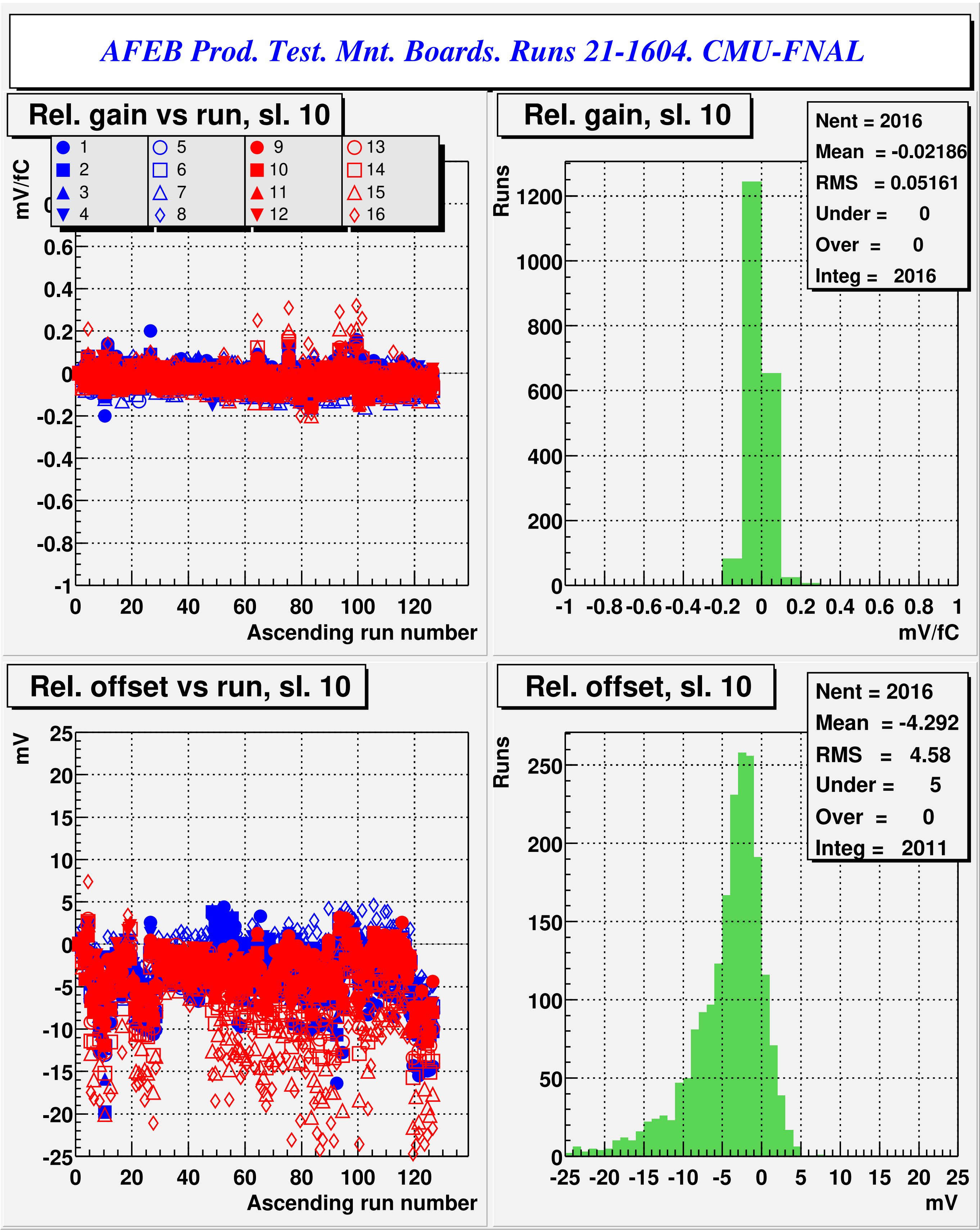

AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL
Rel. gain vs run, sl. 6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
mV/fC
0.6 0.4 0.2 0 -0.2 -0.4 -0.6 -0.8 -1
0 20 40 60 80 100 120
Ascending run number
Rel. gain, sl. 6
Nent = 2016
Mean = -0.04916
RMS = 0.04963
Under = 0
Over = 0
Integ = 2016
Runs
1400 1200 1000 800 600 400 200 0
-1 -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8 1
mV/fC
Rel. offset vs run, sl. 6
mV
25 20 15 10 5 0 -5 -10 -15 -20 -25
0 20 40 60 80 100 120
Ascending run number
Rel. offset, sl. 6
Nent = 2016
Mean = -0.7001
RMS = 1.649
Under = 0
Over = 0
Integ = 2016
Runs
500 400 300 200 100 0
-25 -20 -15 -10 -5 0 5 10 15 20 25
mV



AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL
Rel. gain vs run, sl. 7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
mV/fC
Ascending run number
Rel. gain, sl. 7
Nent = 2016
Mean = -0.03062
RMS = 0.04044
Under = 0
Over = 0
Integ = 2016
Runs
mV/fC
Rel. offset vs run, sl. 7
mV
Ascending run number
Rel. offset, sl. 7
Nent = 2016
Mean = -0.7163
RMS = 2.257
Under = 0
Over = 0
Integ = 2016
Runs
mV


AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL
Rel. gain vs run, sl. 8
mV/fC
Ascending run number
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Rel. gain, sl. 8
Runs
mV/fC
Nent = 2016
Mean = -0.0237
RMS = 0.03235
Under = 0
Over = 0
Integ = 2016
Rel. offset vs run, sl. 8
mV
Ascending run number
Rel. offset, sl. 8
Runs
mV
Nent = 2016
Mean = -1.205
RMS = 2.103
Under = 0
Over = 0
Integ = 2016


AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL
Rel. gain vs run, sl. 9
mV/fC
Ascending run number
Rel. gain, sl. 9
Runs
mV/fC
Nent = 2016
Mean = -0.02713
RMS = 0.04388
Under = 0
Over = 0
Integ = 2016
Rel. offset vs run, sl. 9
mV
Ascending run number
Rel. offset, sl. 9
Runs
mV
Nent = 2016
Mean = -3.329
RMS = 3.718
Under = 1
Over = 0
Integ = 2015


AFEB Prod. Test. Mnt. Boards. Runs 21-1604. CMU-FNAL
Rel. gain vs run, sl. 10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
mV/fC
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
20
40
60
80
100
120
Ascending run number
Rel. gain, sl. 10
Nent = 2016
Mean = -0.02186
RMS = 0.05161
Under = 0
Over = 0
Integ = 2016
Runs
1200
1000
800
600
400
200
0
-1
-0.8
-0.6
-0.4
-0.2
0
0.2
0.4
0.6
0.8
1
mV/fC
Rel. offset vs run, sl. 10
mV
25
20
15
10
5
0
-5
-10
-15
-20
-25
0
20
40
60
80
100
120
Ascending run number
Rel. offset, sl. 10
Nent = 2016
Mean = -4.292
RMS = 4.58
Under = 5
Over = 0
Integ = 2011
Runs
250
200
150
100
50
0
-25
-20
-15
-10
-5
0
5
10
15
20
25
mV