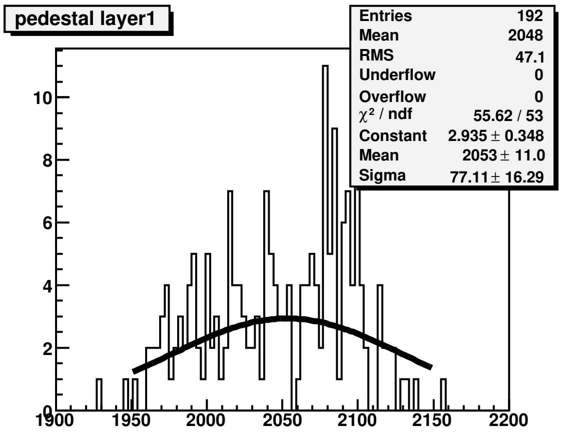
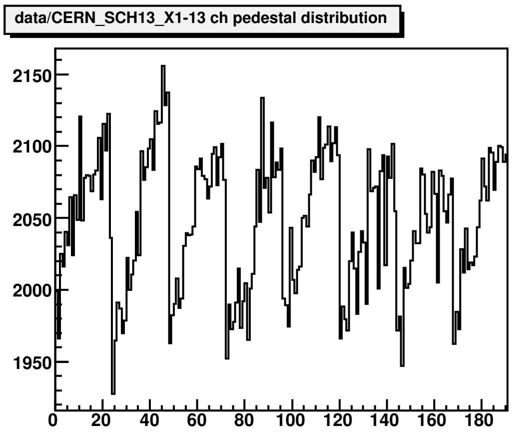
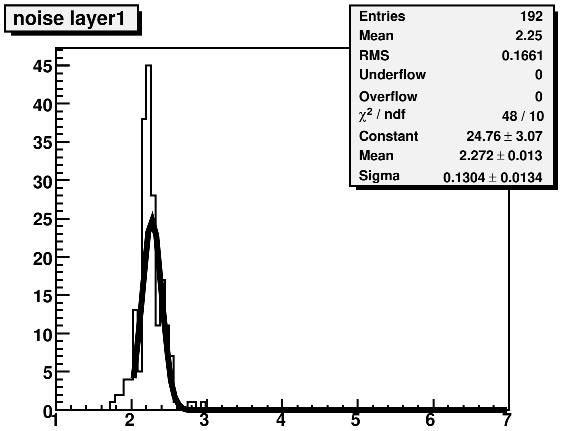
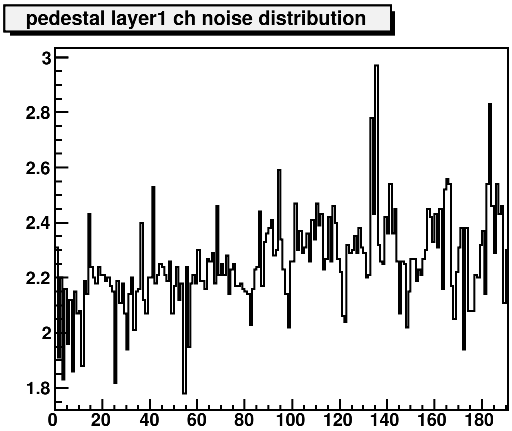
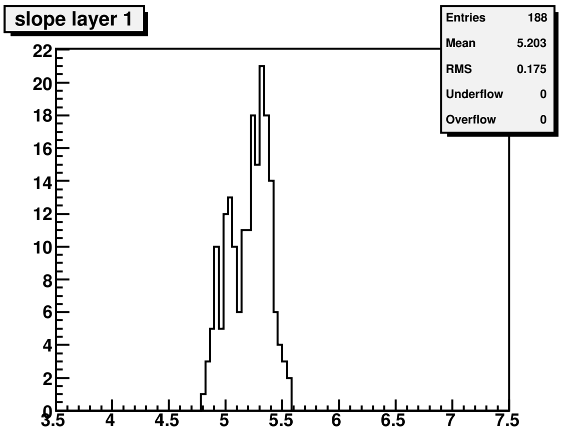
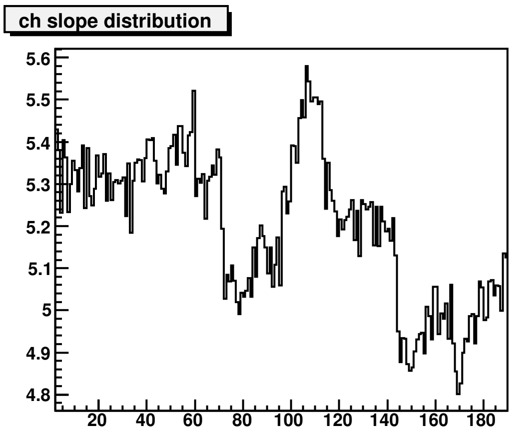

pedestal layer1
Entries 192
Mean 2048
RMS 47.1
Underflow 0
Overflow 0
χ^2 / ndf 55.62 / 53
Constant 2.935 ± 0.348
Mean 2053 ± 11.0
Sigma 77.11 ± 16.29

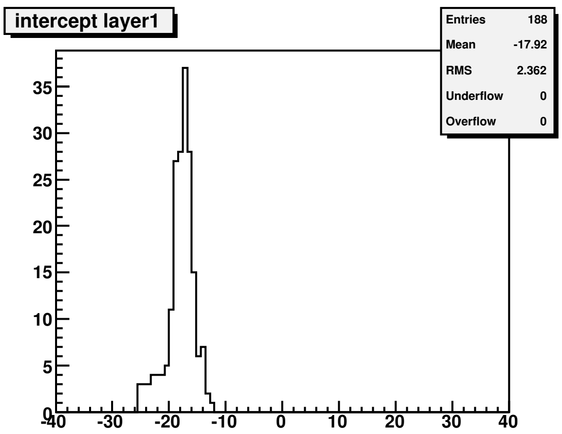

data/CERN_SCH13_X1-13 ch pedestal distribution

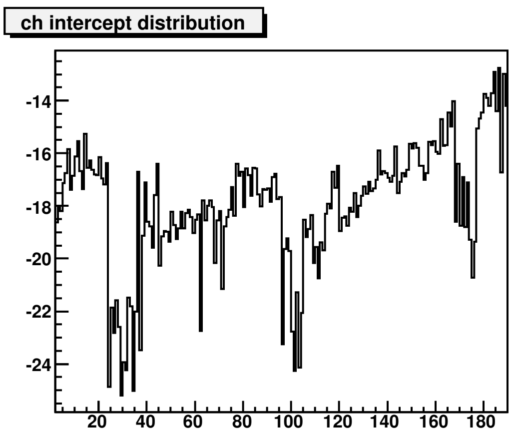

noise layer1
Entries 192
Mean 2.25
RMS 0.1661
Underflow 0
Overflow 0
χ^2 / ndf 48 / 10
Constant 24.76 ± 3.07
Mean 2.272 ± 0.013
Sigma 0.1304 ± 0.0134

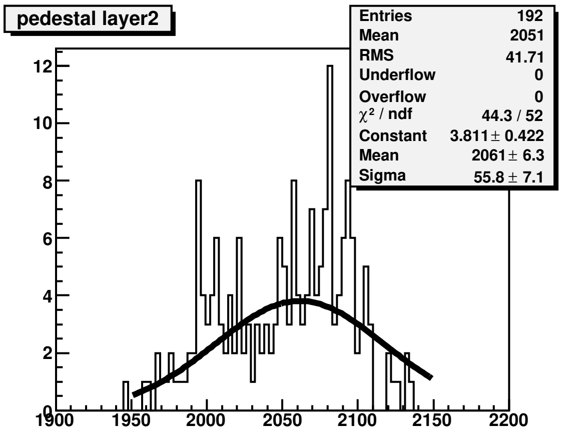

pedestal layer1 ch noise distribution

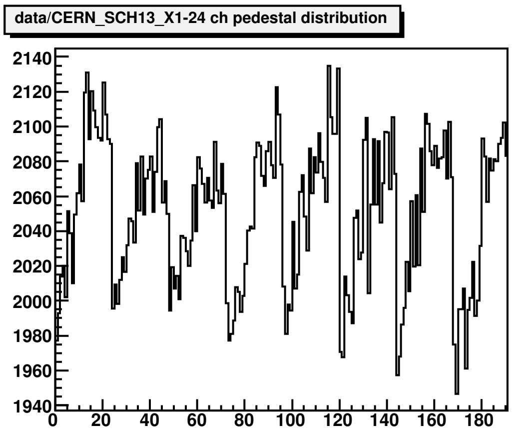

slope layer 1
Entries 188
Mean 5.203
RMS 0.175
Underflow 0
Overflow 0

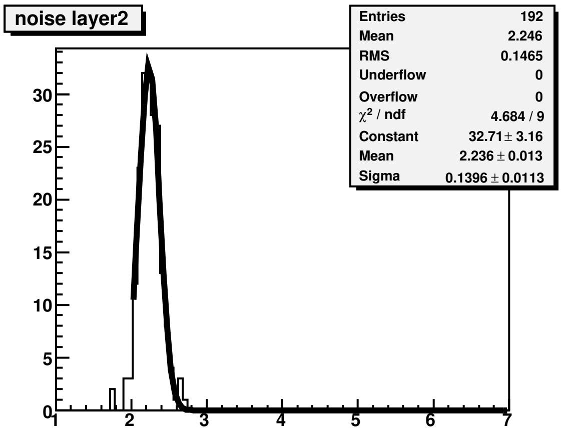

ch slope distribution

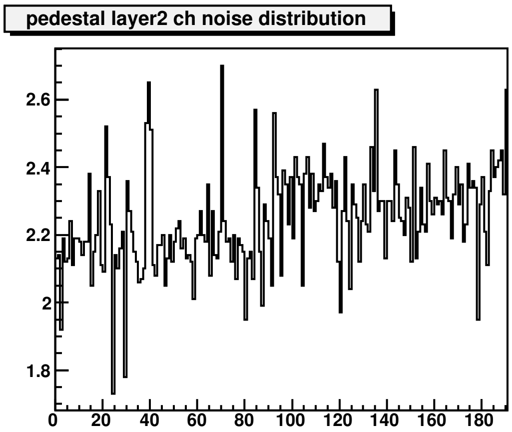

intercept layer1
Entries 188
Mean -17.92
RMS 2.362
Underflow 0
Overflow 0

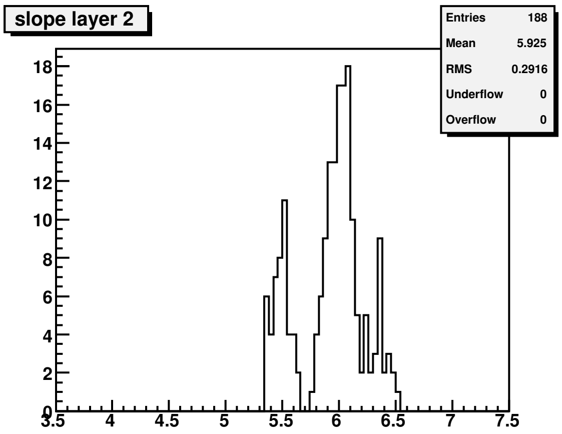

ch intercept distribution

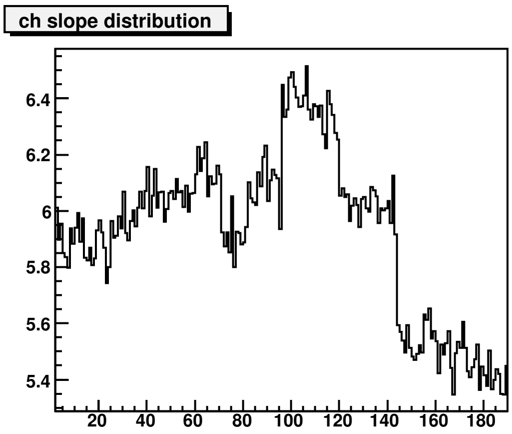

pedestal layer2
Entries 192
Mean 2051
RMS 41.71
Underflow 0
Overflow 0
χ² / ndf 44.3 / 52
Constant 3.811 ± 0.422
Mean 2061 ± 6.3
Sigma 55.8 ± 7.1

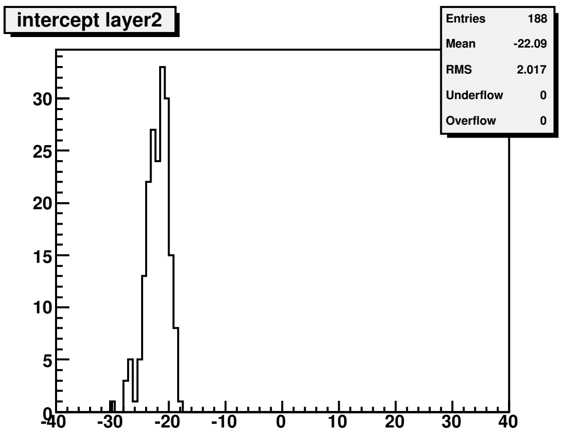

data/CERN_SCH13_X1-24 ch pedestal distribution

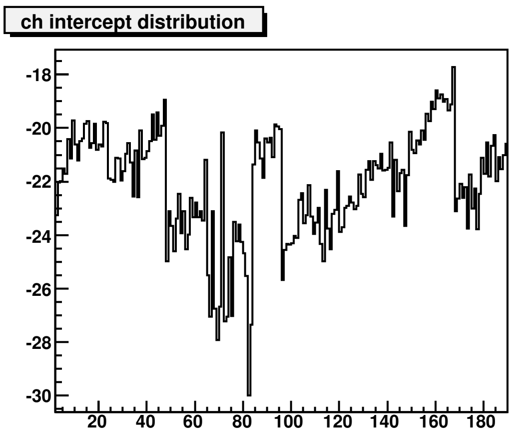

noise layer2
Entries 192
Mean 2.246
RMS 0.1465
Underflow 0
Overflow 0
χ² / ndf 4.684 / 9
Constant 32.71 ± 3.16
Mean 2.236 ± 0.013
Sigma 0.1396 ± 0.0113

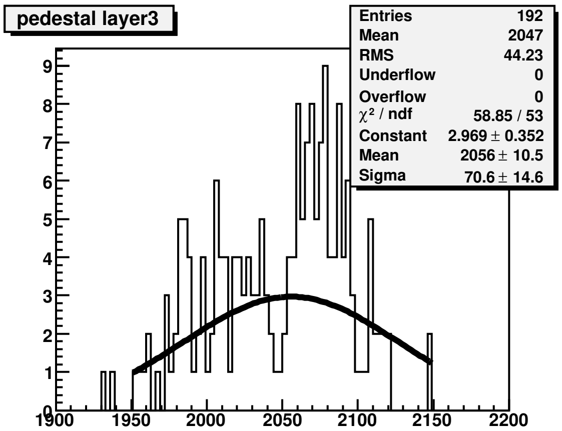

pedestal layer2 ch noise distribution

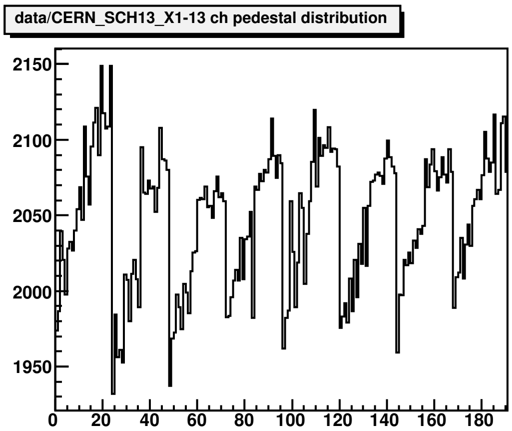

slope layer 2
Entries 188
Mean 5.925
RMS 0.2916
Underflow 0
Overflow 0

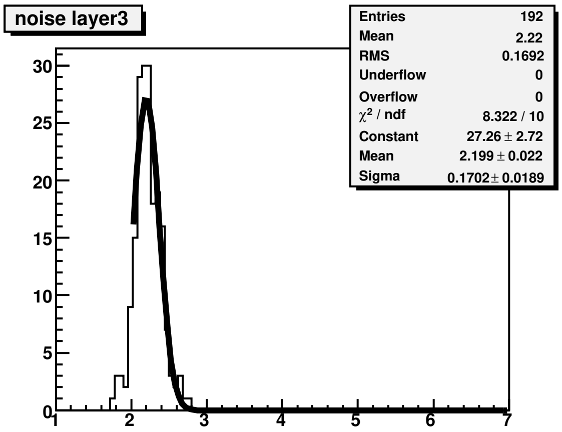

ch slope distribution

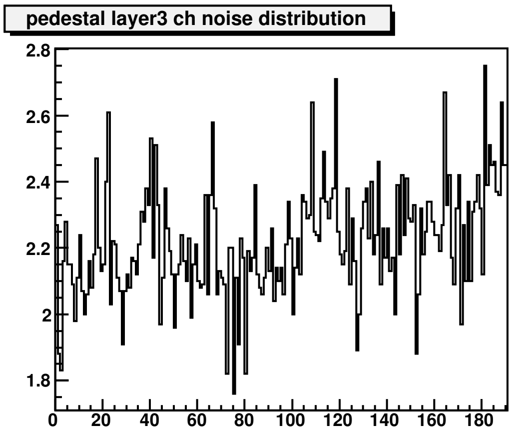

intercept layer2
Entries 188
Mean -22.09
RMS 2.017
Underflow 0
Overflow 0

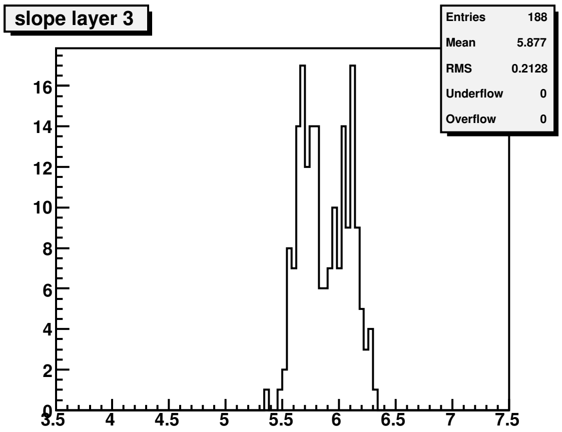

ch intercept distribution

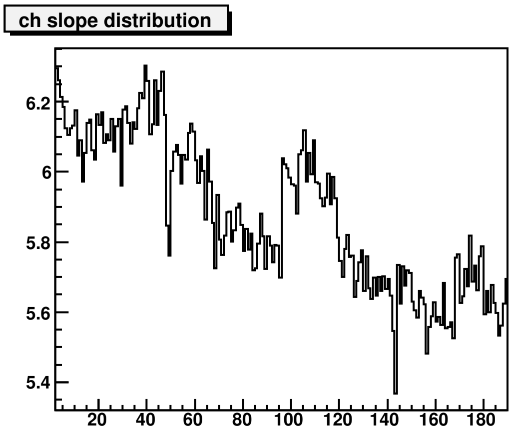

pedestal layer3
Entries 192
Mean 2047
RMS 44.23
Underflow 0
Overflow 0
χ² / ndf 58.85 / 53
Constant 2.969 ± 0.352
Mean 2056 ± 10.5
Sigma 70.6 ± 14.6

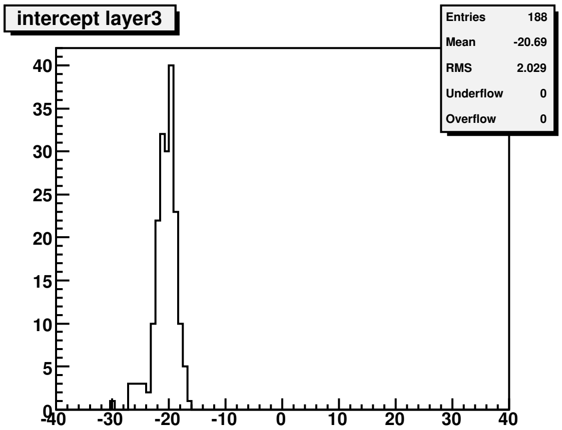

data/CERN_SCH13_X1-13 ch pedestal distribution

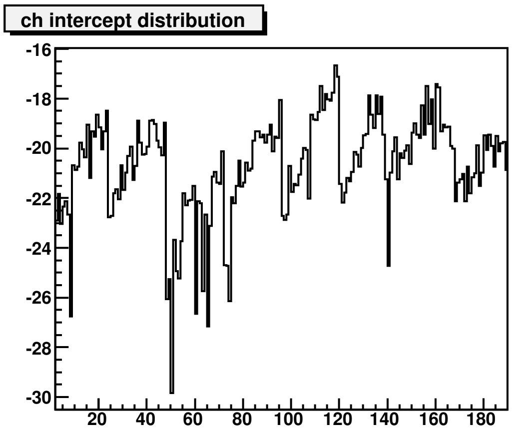

noise layer3
Entries 192
Mean 2.22
RMS 0.1692
Underflow 0
Overflow 0
χ² / ndf 8.322 / 10
Constant 27.26 ± 2.72
Mean 2.199 ± 0.022
Sigma 0.1702 ± 0.0189

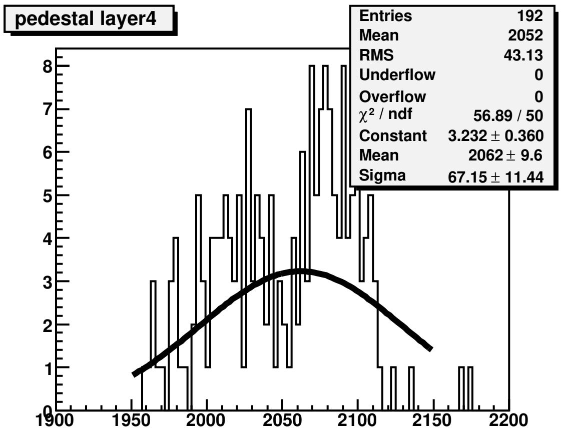

pedestal layer3 ch noise distribution

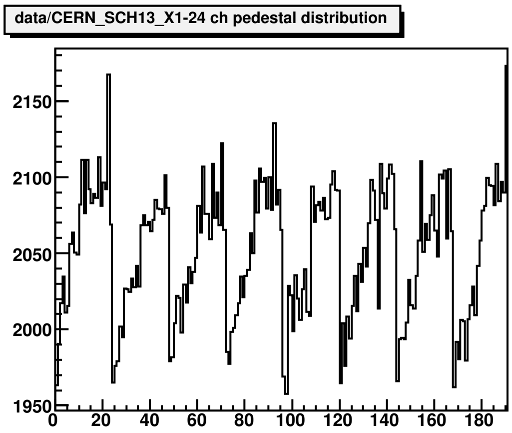

slope layer 3
Entries 188
Mean 5.877
RMS 0.2128
Underflow 0
Overflow 0

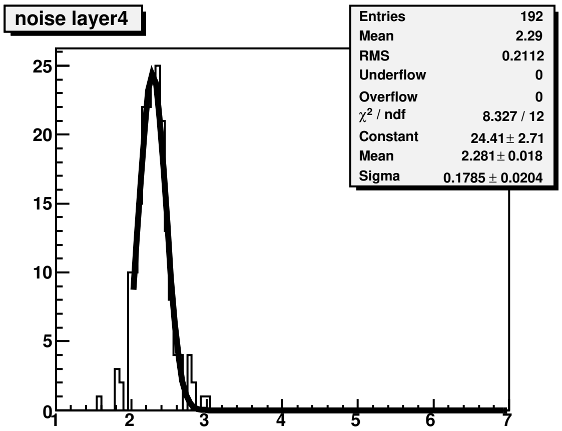

ch slope distribution

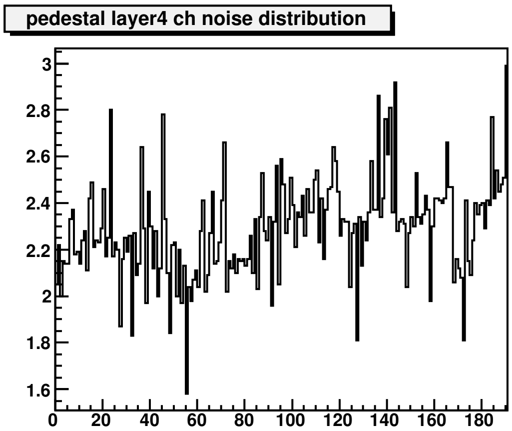

intercept layer3
Entries 188
Mean -20.69
RMS 2.029
Underflow 0
Overflow 0

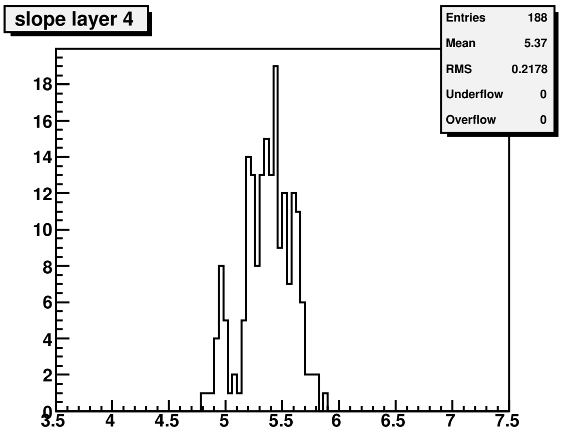

ch intercept distribution

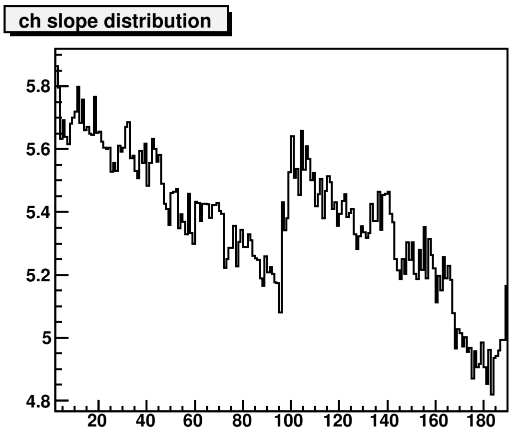

pedestal layer4
Entries 192
Mean 2052
RMS 43.13
Underflow 0
Overflow 0
χ² / ndf 56.89 / 50
Constant 3.232 ± 0.360
Mean 2062 ± 9.6
Sigma 67.15 ± 11.44

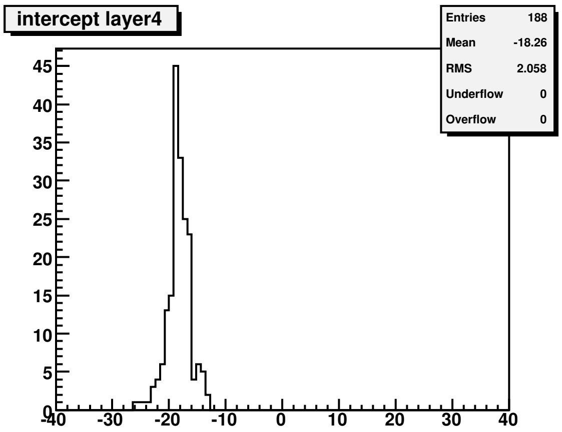

data/CERN_SCH13_X1-24 ch pedestal distribution

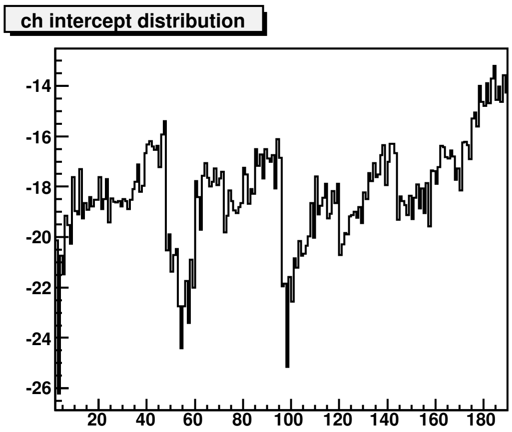

noise layer4
Entries 192
Mean 2.29
RMS 0.2112
Underflow 0
Overflow 0
χ² / ndf 8.327 / 12
Constant 24.41 ± 2.71
Mean 2.281 ± 0.018
Sigma 0.1785 ± 0.0204

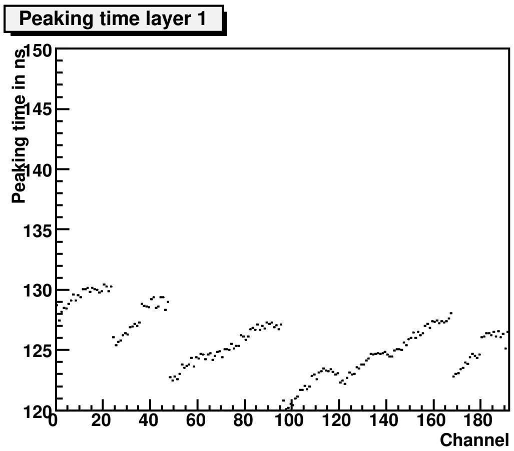

pedestal layer4 ch noise distribution

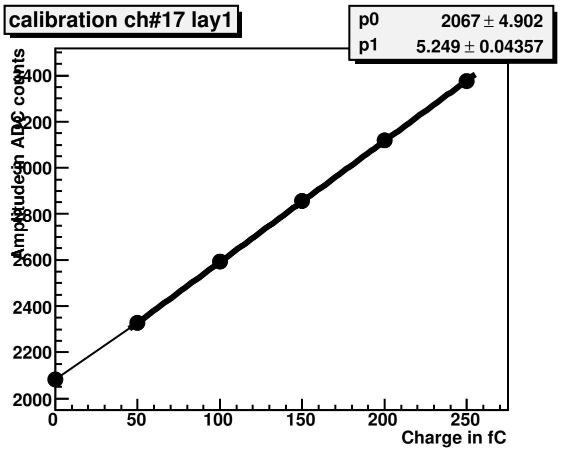

slope layer 4
Entries 188
Mean 5.37
RMS 0.2178
Underflow 0
Overflow 0

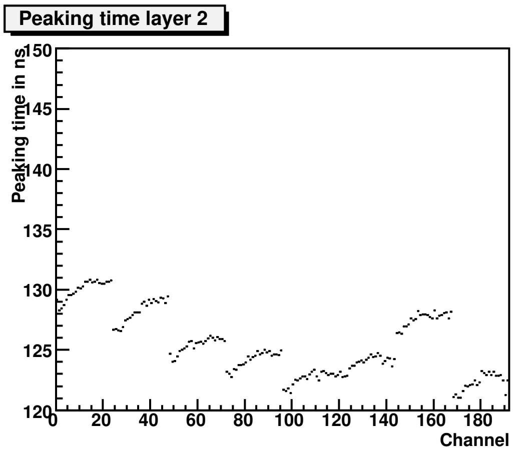

ch slope distribution

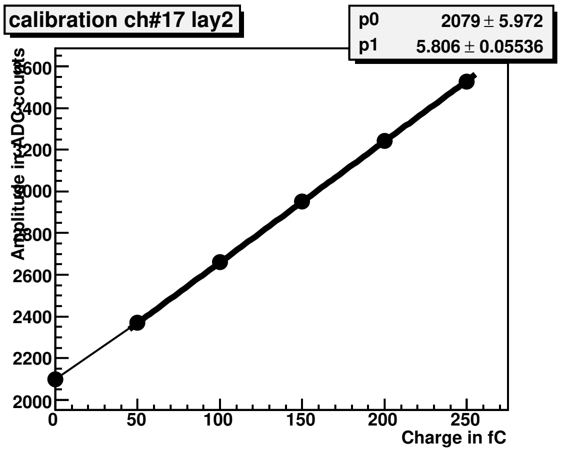

intercept layer4
Entries 188
Mean -18.26
RMS 2.058
Underflow 0
Overflow 0

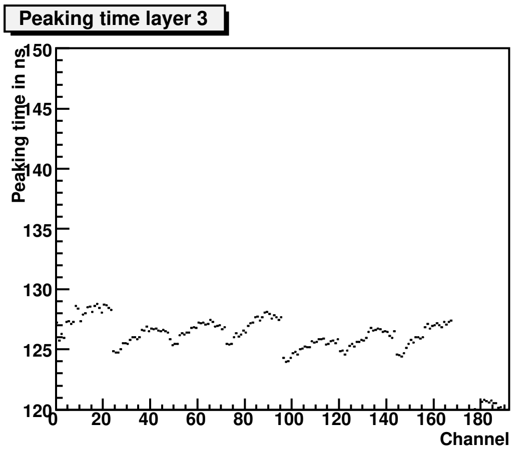

ch intercept distribution

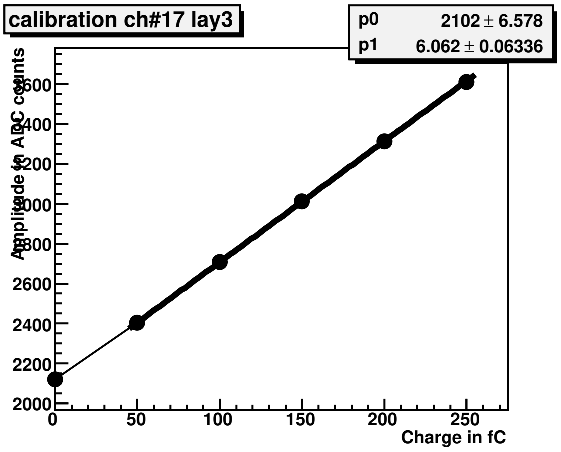

Peaking time layer 1
Peaking time in ns
150
145
140
135
130
125
120
0 20 40 60 80 100 120 140 160 180
Channel

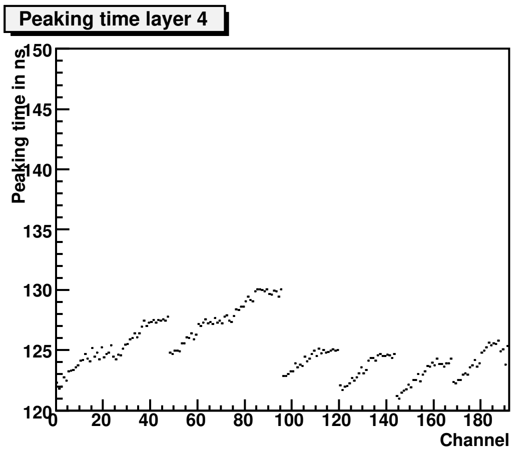

calibration ch#17 lay1
p0 2067 ± 4.902
p1 5.249 ± 0.04357
Amplitude in ADC counts
Charge in fC
0 50 100 150 200 250

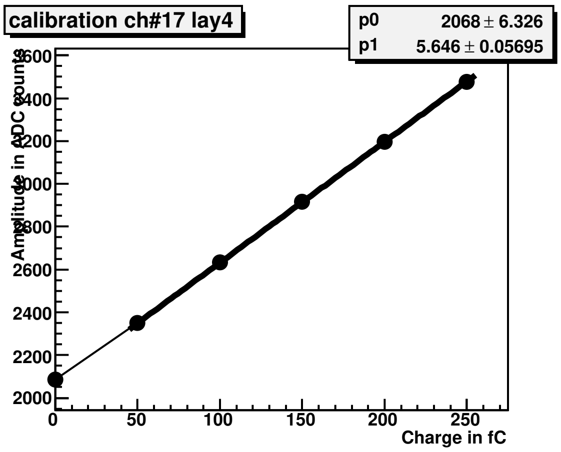

Peaking time layer 2
Peaking time in ns
150
145
140
135
130
125
120
0 20 40 60 80 100 120 140 160 180
Channel


calibration ch#17 lay2
p0 2079 ± 5.972
p1 5.806 ± 0.05536
Amplitude in ADC counts
Charge in fC
0 50 100 150 200 250


Peaking time layer 3
Peaking time in ns
150
145
140
135
130
125
120
0 20 40 60 80 100 120 140 160 180
Channel


calibration ch#17 lay3
p0 2102 ± 6.578
p1 6.062 ± 0.06336
Amplitude in ADC counts
Charge in fC
0 50 100 150 200 250


Peaking time layer 4
Peaking time in ns
150
145
140
135
130
125
120
0 20 40 60 80 100 120 140 160 180
Channel


calibration ch#17 lay4
p0 2068 ± 6.326
p1 5.646 ± 0.05695
Amplitude in ADC counts
Charge in fC
0 50 100 150 200 250