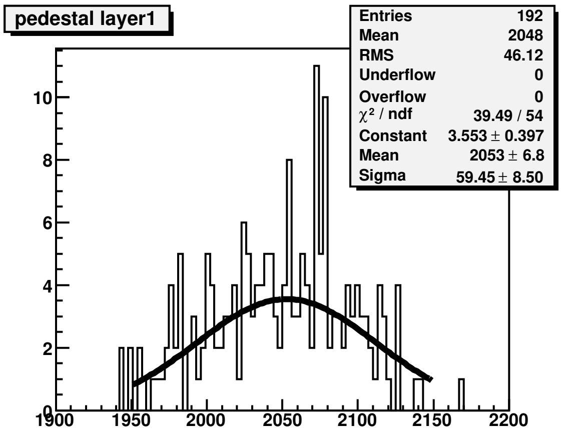
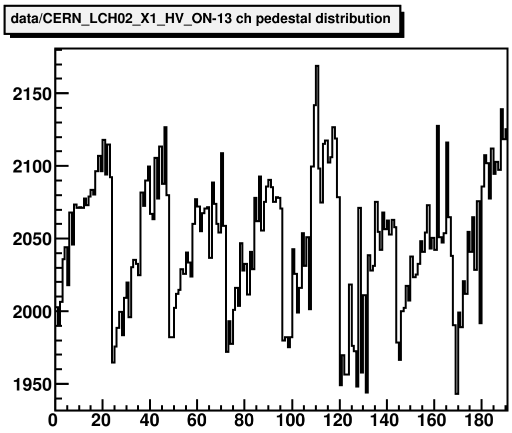
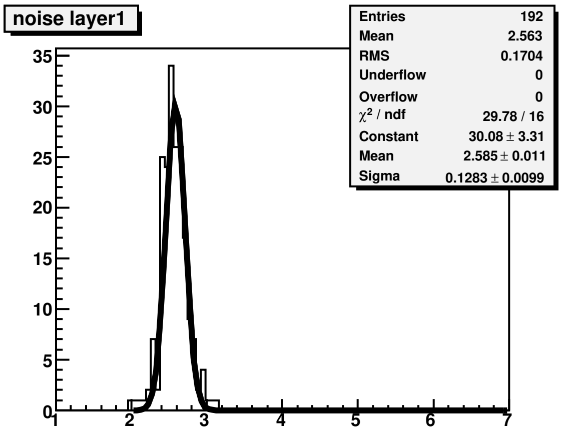
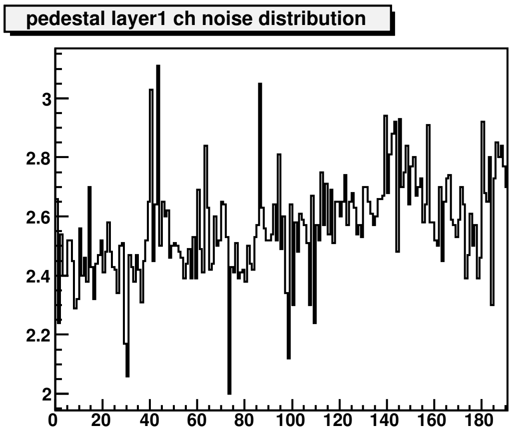
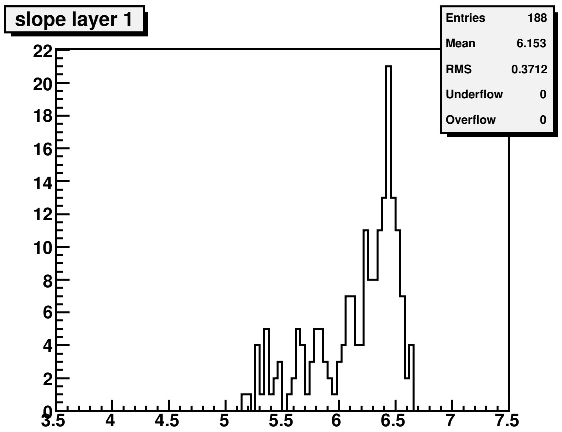
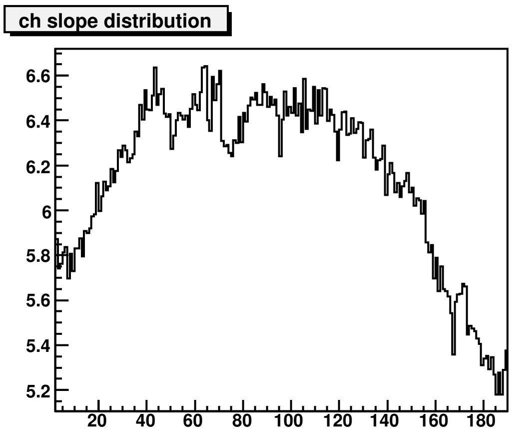

pedestal layer1
Entries 192
Mean 2048
RMS 46.12
Underflow 0
Overflow 0
χ² / ndf 39.49 / 54
Constant 3.553 ± 0.397
Mean 2053 ± 6.8
Sigma 59.45 ± 8.50

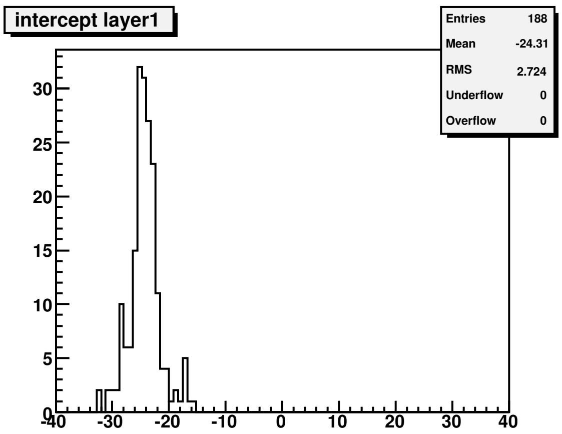

data/CERN_LCH02_X1_HV_ON-13 ch pedestal distribution

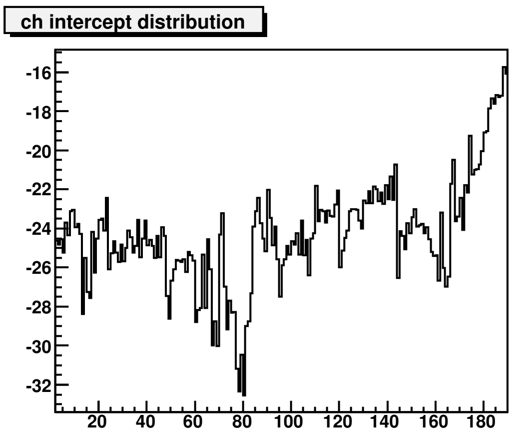

noise layer1
Entries 192
Mean 2.563
RMS 0.1704
Underflow 0
Overflow 0
χ² / ndf 29.78 / 16
Constant 30.08 ± 3.31
Mean 2.585 ± 0.011
Sigma 0.1283 ± 0.0099

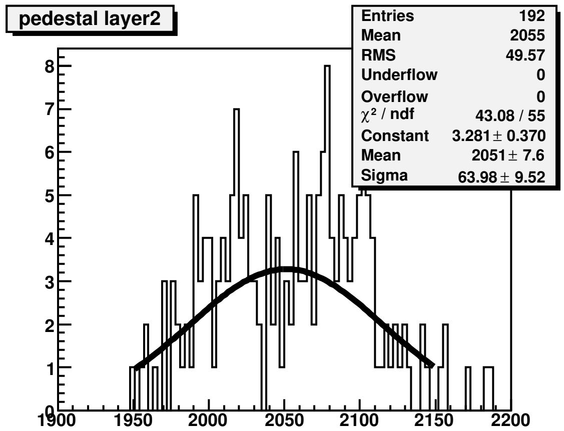

pedestal layer1 ch noise distribution

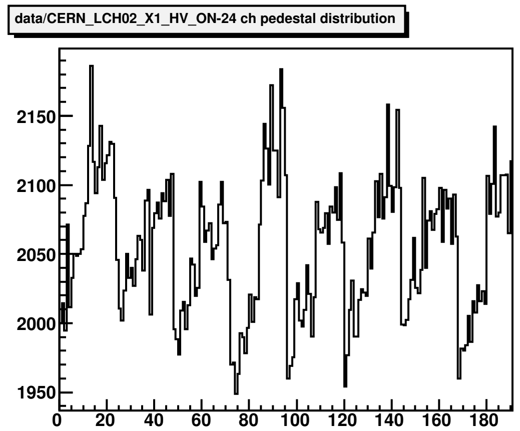

slope layer 1
Entries 188
Mean 6.153
RMS 0.3712
Underflow 0
Overflow 0

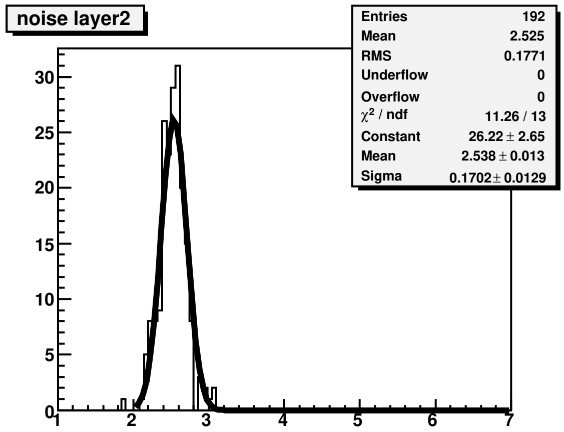

ch slope distribution

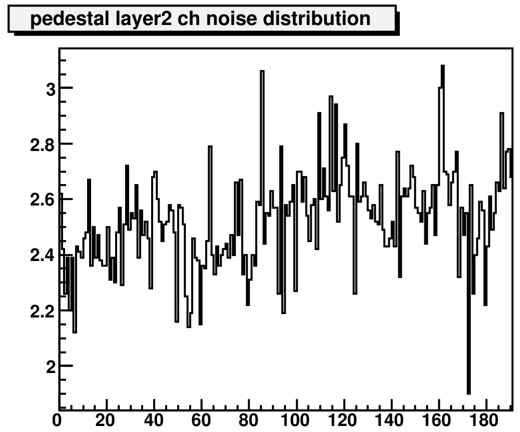

intercept layer1
Entries 188
Mean -24.31
RMS 2.724
Underflow 0
Overflow 0

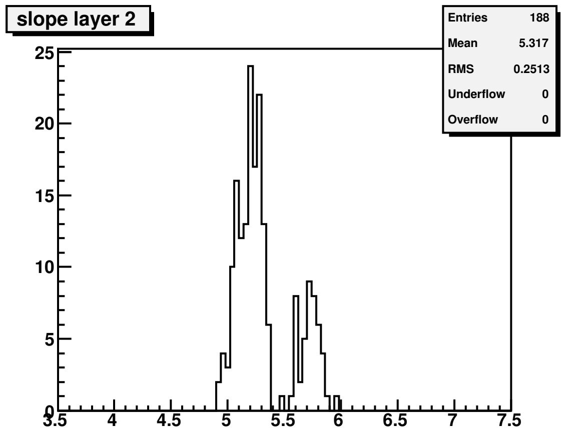

ch intercept distribution

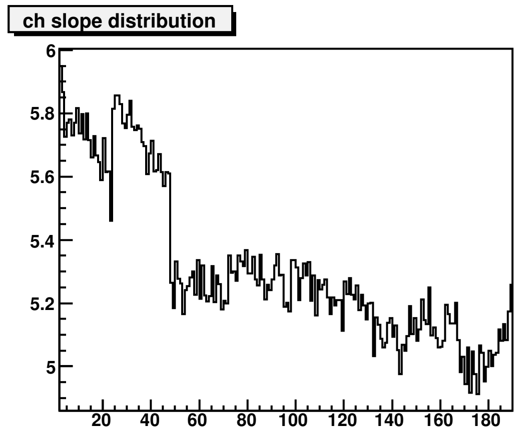

pedestal layer2
Entries 192
Mean 2055
RMS 49.57
Underflow 0
Overflow 0
χ² / ndf 43.08 / 55
Constant 3.281 ± 0.370
Mean 2051 ± 7.6
Sigma 63.98 ± 9.52

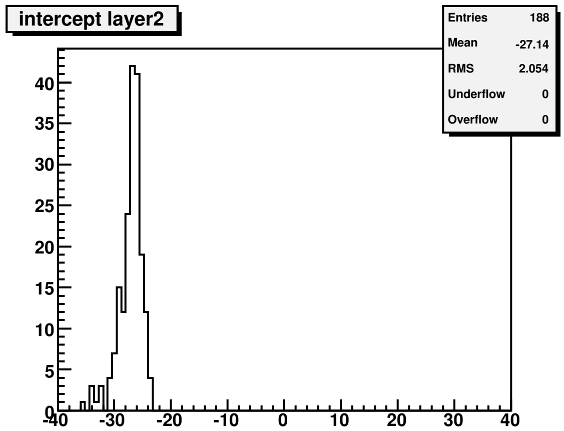

data/CERN_LCH02_X1_HV_ON-24 ch pedestal distribution

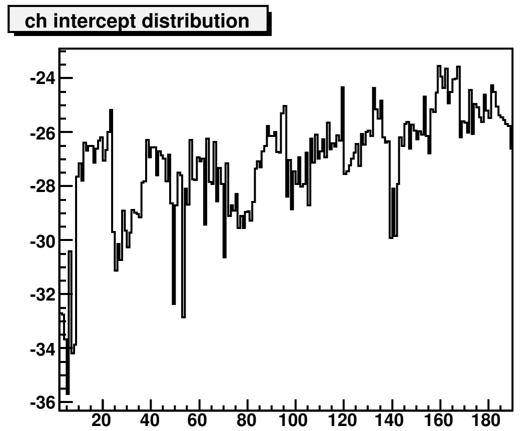

noise layer2
Entries 192
Mean 2.525
RMS 0.1771
Underflow 0
Overflow 0
χ² / ndf 11.26 / 13
Constant 26.22 ± 2.65
Mean 2.538 ± 0.013
Sigma 0.1702 ± 0.0129

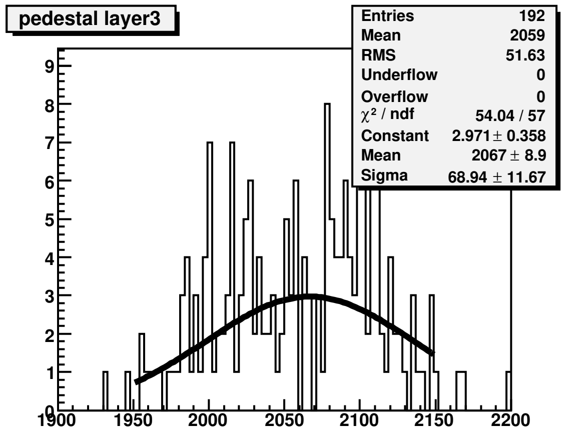

pedestal layer2 ch noise distribution

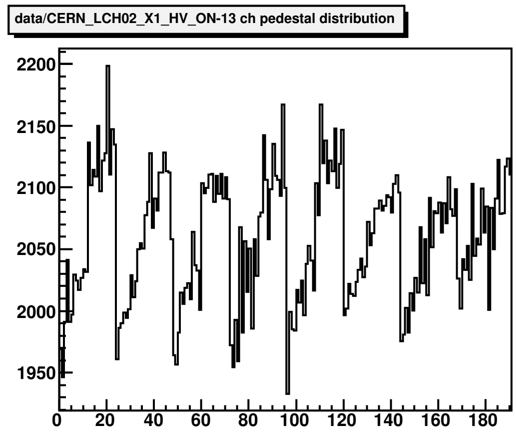

slope layer 2
Entries 188
Mean 5.317
RMS 0.2513
Underflow 0
Overflow 0

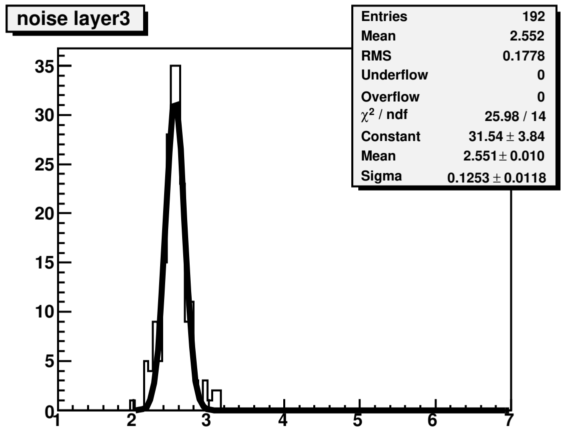

ch slope distribution

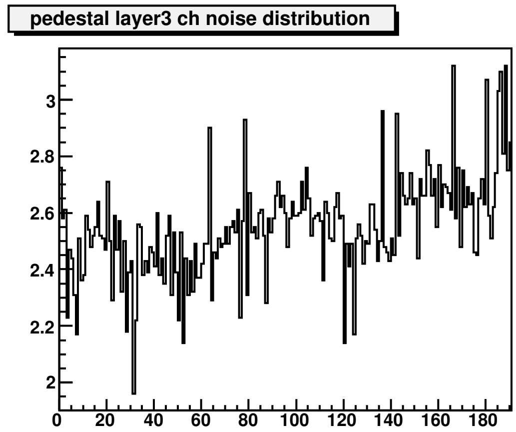

intercept layer2
Entries 188
Mean -27.14
RMS 2.054
Underflow 0
Overflow 0

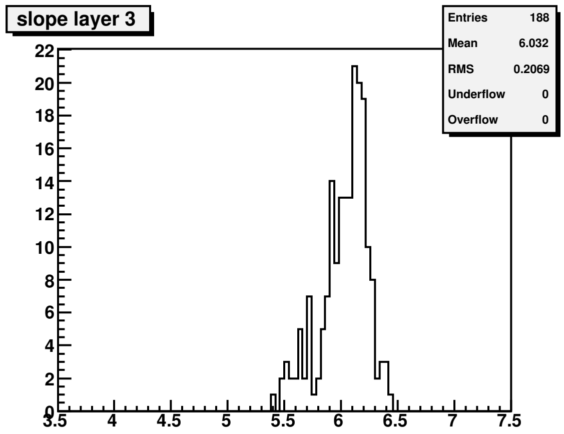

ch intercept distribution

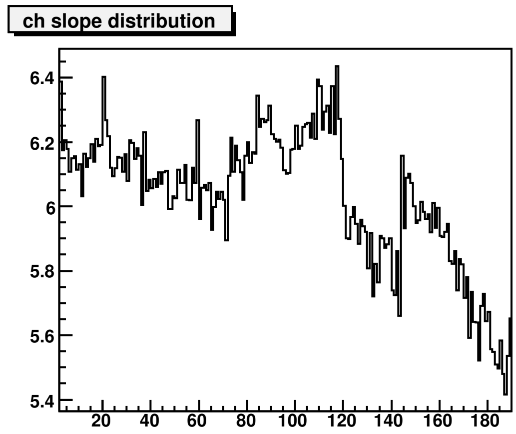

pedestal layer3
Entries 192
Mean 2059
RMS 51.63
Underflow 0
Overflow 0
χ² / ndf 54.04 / 57
Constant 2.971 ± 0.358
Mean 2067 ± 8.9
Sigma 68.94 ± 11.67

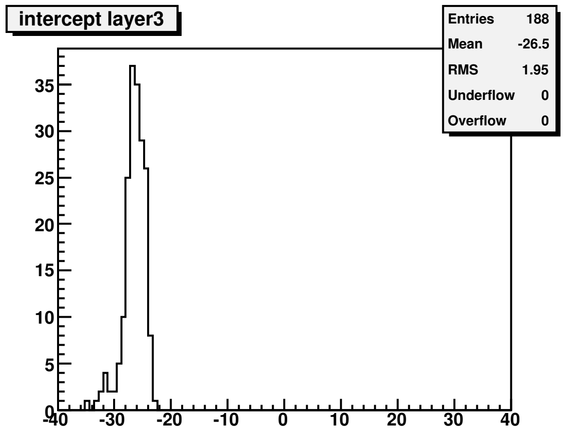

data/CERN_LCH02_X1_HV_ON-13 ch pedestal distribution

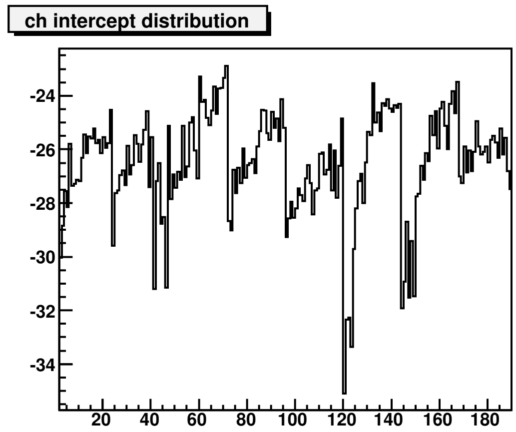

noise layer3
Entries 192
Mean 2.552
RMS 0.1778
Underflow 0
Overflow 0
χ² / ndf 25.98 / 14
Constant 31.54 ± 3.84
Mean 2.551 ± 0.010
Sigma 0.1253 ± 0.0118

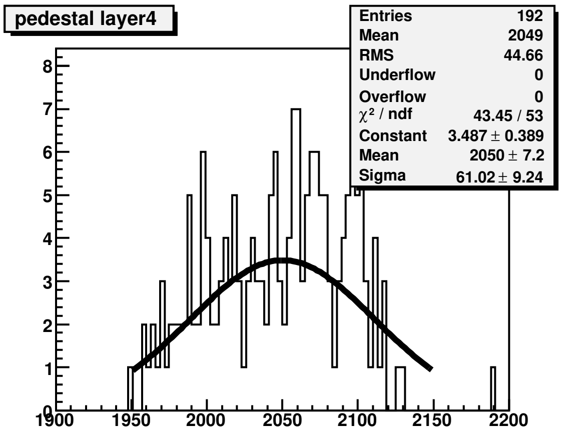

pedestal layer3 ch noise distribution

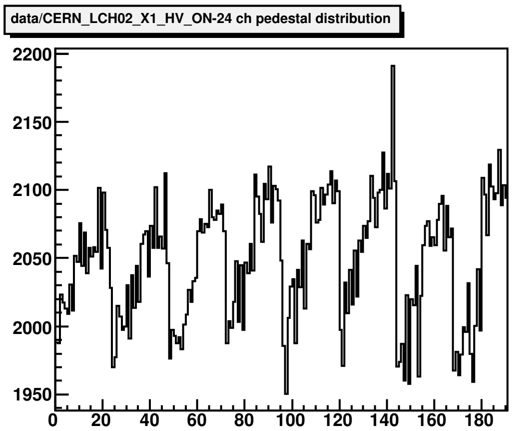

slope layer 3
Entries 188
Mean 6.032
RMS 0.2069
Underflow 0
Overflow 0

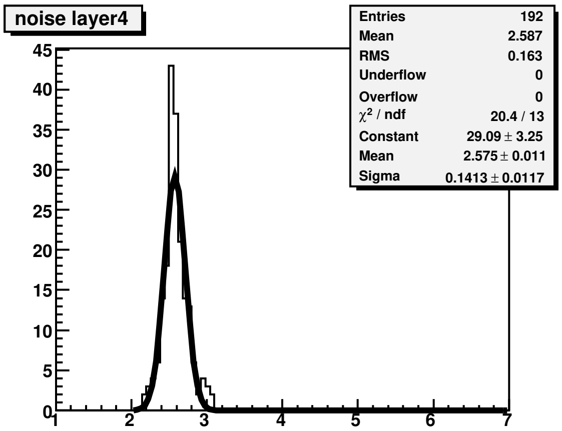

ch slope distribution

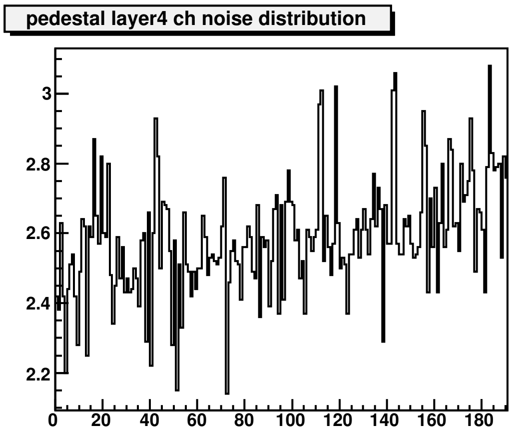

intercept layer3
Entries 188
Mean -26.5
RMS 1.95
Underflow 0
Overflow 0

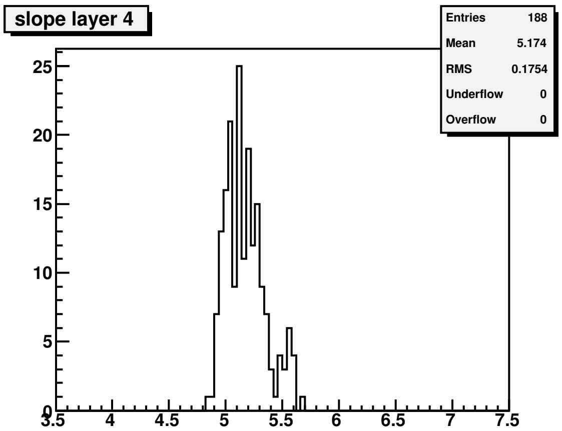

ch intercept distribution

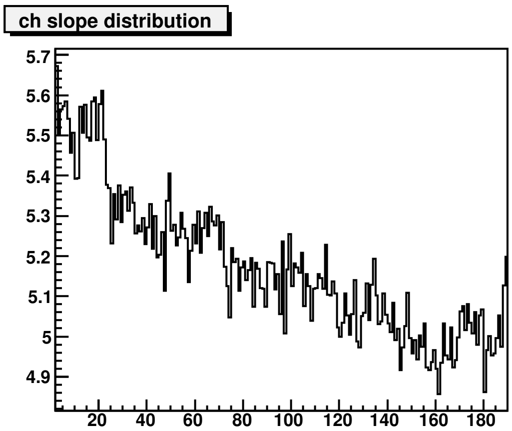

pedestal layer4
Entries 192
Mean 2049
RMS 44.66
Underflow 0
Overflow 0
χ² / ndf 43.45 / 53
Constant 3.487 ± 0.389
Mean 2050 ± 7.2
Sigma 61.02 ± 9.24
1900 1950 2000 2050 2100 2150 2200

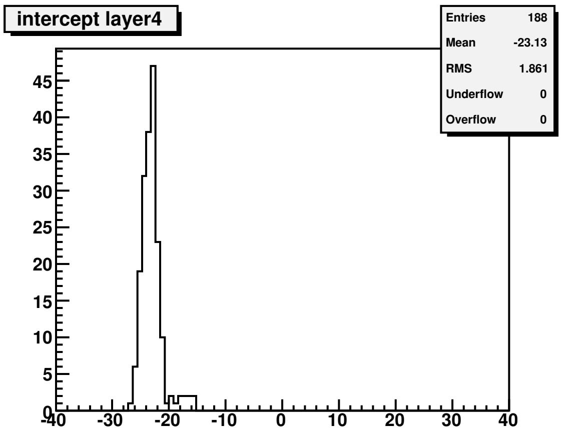

data/CERN_LCH02_X1_HV_ON-24 ch pedestal distribution
1950 2000 2050 2100 2150 2200
0 20 40 60 80 100 120 140 160 180

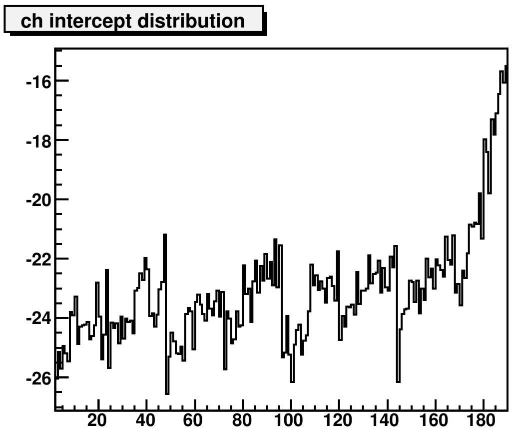

noise layer4
Entries 192
Mean 2.587
RMS 0.163
Underflow 0
Overflow 0
χ² / ndf 20.4 / 13
Constant 29.09 ± 3.25
Mean 2.575 ± 0.011
Sigma 0.1413 ± 0.0117
1 2 3 4 5 6 7

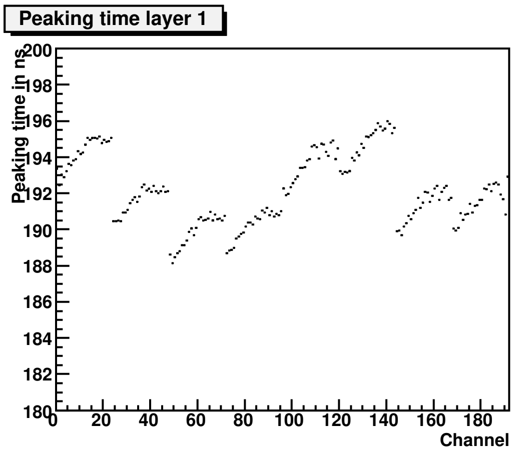

pedestal layer4 ch noise distribution
2.2 2.4 2.6 2.8 3
0 20 40 60 80 100 120 140 160 180

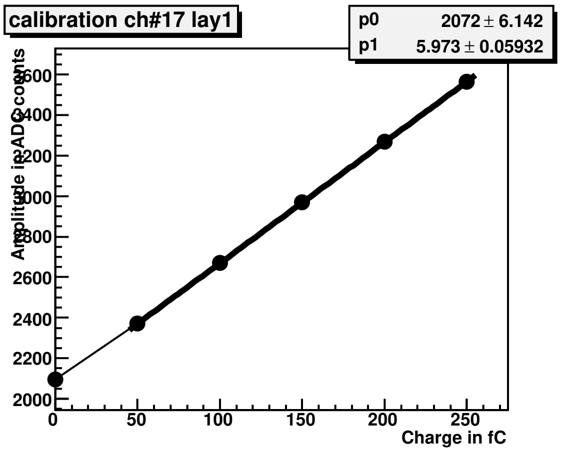

slope layer 4
Entries 188
Mean 5.174
RMS 0.1754
Underflow 0
Overflow 0
3.5 4 4.5 5 5.5 6 6.5 7 7.5

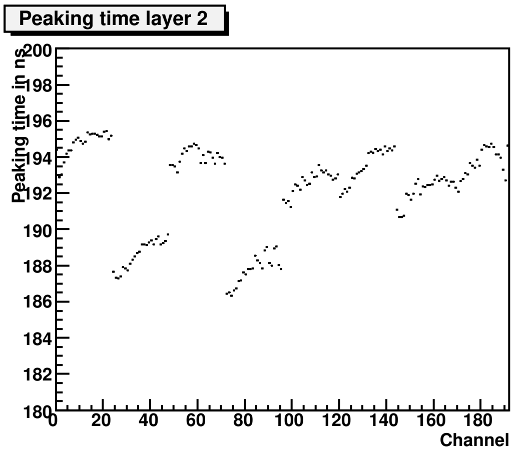

ch slope distribution
4.9 5 5.1 5.2 5.3 5.4 5.5 5.6 5.7
20 40 60 80 100 120 140 160 180

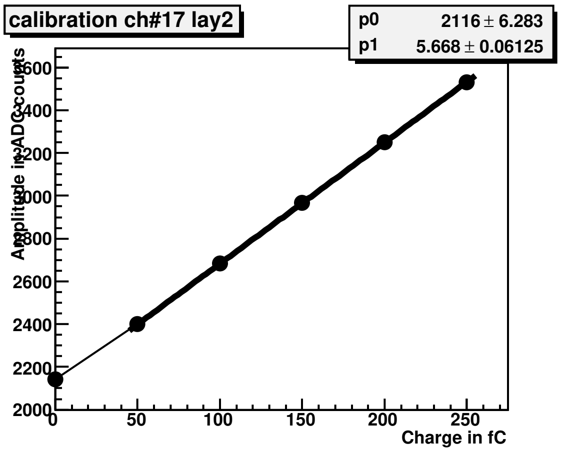

intercept layer4
Entries 188
Mean -23.13
RMS 1.861
Underflow 0
Overflow 0
-40 -30 -20 -10 0 10 20 30 40

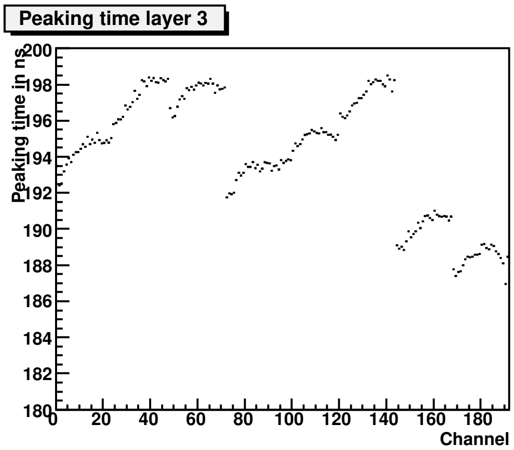

ch intercept distribution
-26 -24 -22 -20 -18 -16
20 40 60 80 100 120 140 160 180

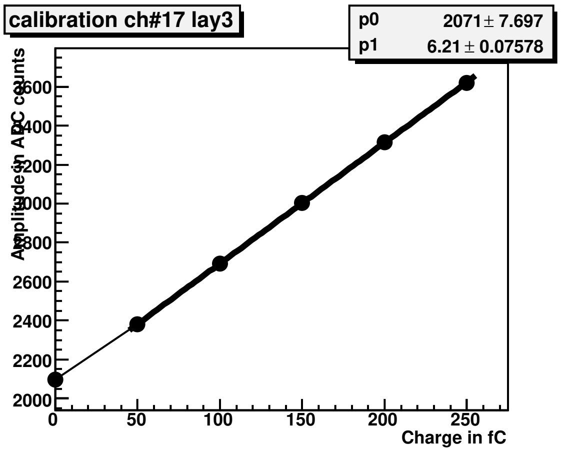

Peaking time layer 1
Peaking time in ns
Channel

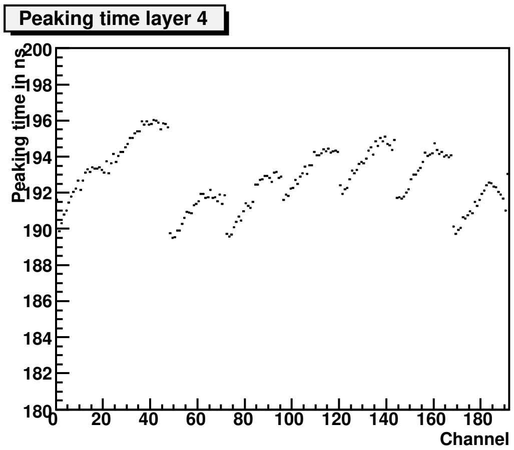

calibration ch#17 lay1
p0 2072 ± 6.142
p1 5.973 ± 0.05932
Amplitude in ADC counts
Charge in fC

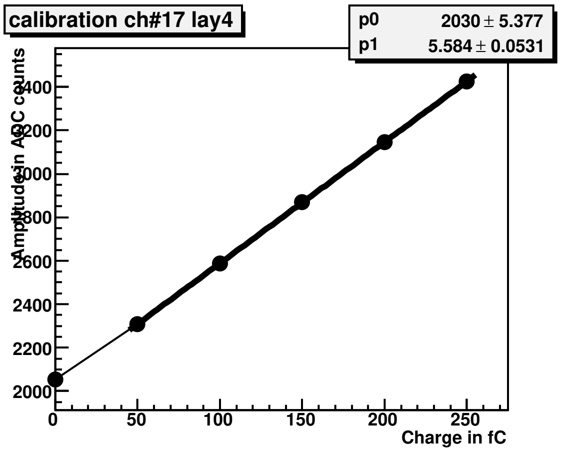

Peaking time layer 2
Peaking time in ns
Channel


calibration ch#17 lay2
p0 2116 ± 6.283
p1 5.668 ± 0.06125
Amplitude in ADC counts
Charge in fC


Peaking time layer 3
Peaking time in ns
Channel


calibration ch#17 lay3
p0 2071 ± 7.697
p1 6.21 ± 0.07578
Amplitude in ADC counts
Charge in fC


Peaking time layer 4
Peaking time in ns
Channel


calibration ch#17 lay4
p0 2030 ± 5.377
p1 5.584 ± 0.0531
Amplitude in ADC counts
Charge in fC