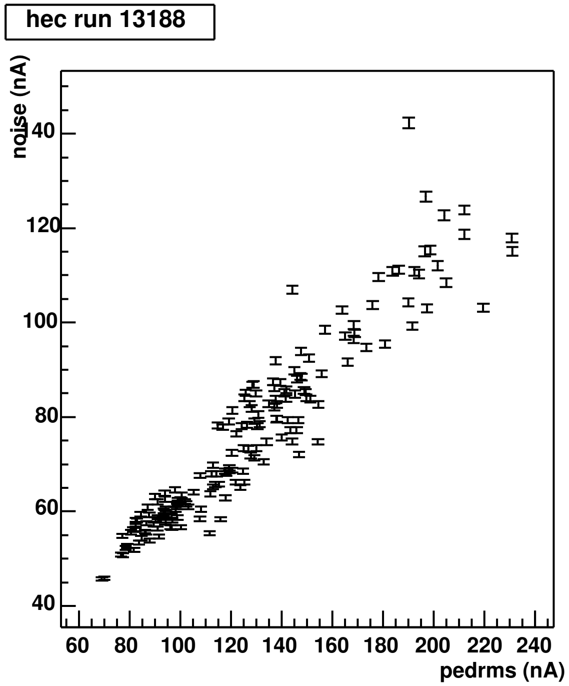
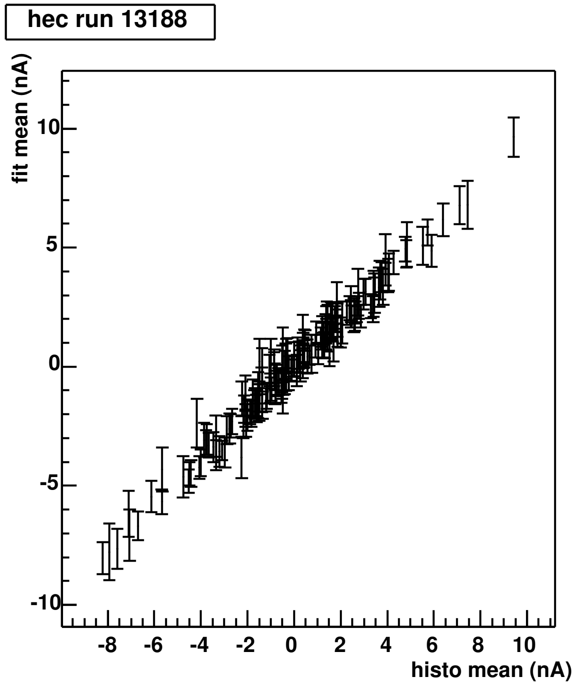
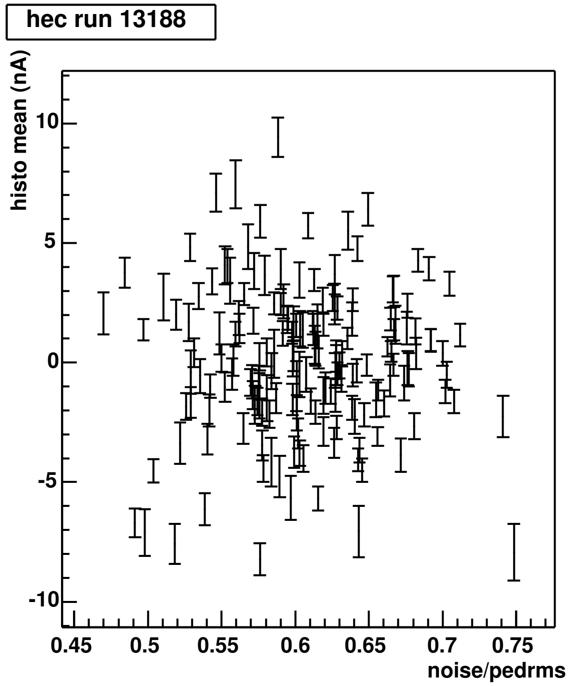
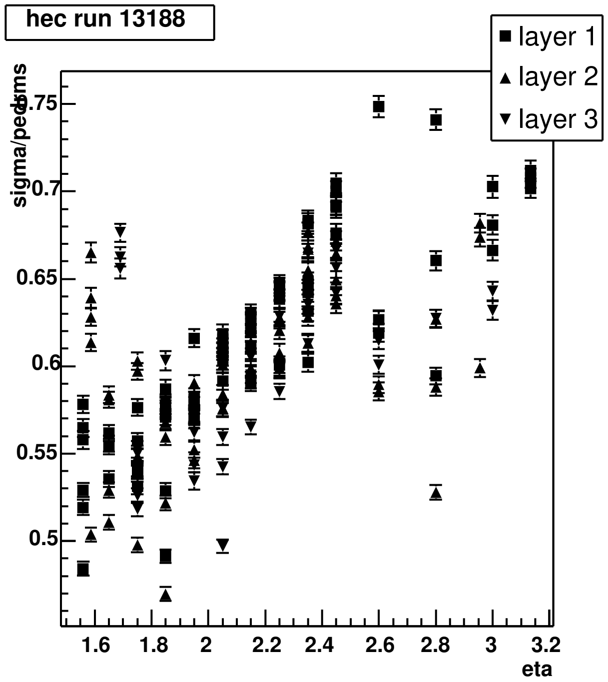
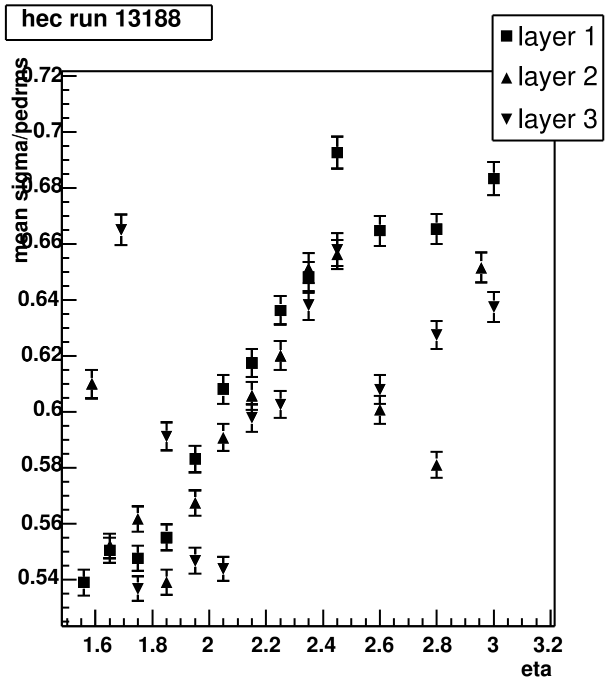
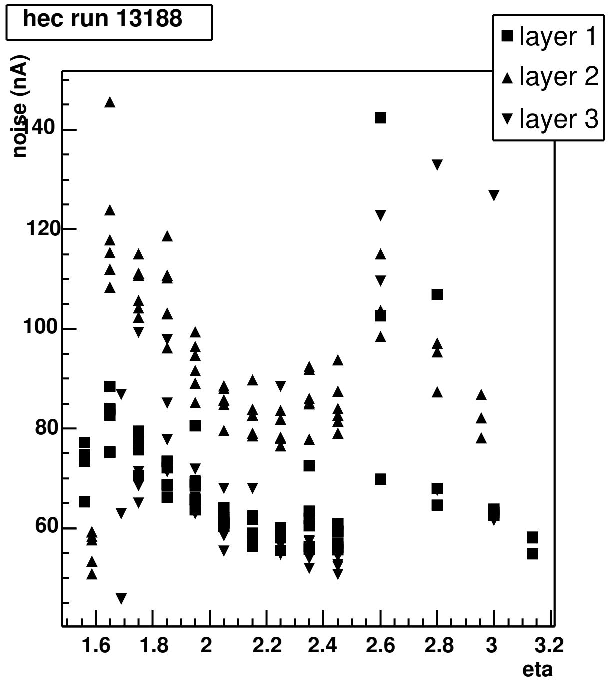

hec run 13188
noise (nA)
pedrms (nA)
40
60
80
100
120
140
60
80
100
120
140
160
180
200
220
240

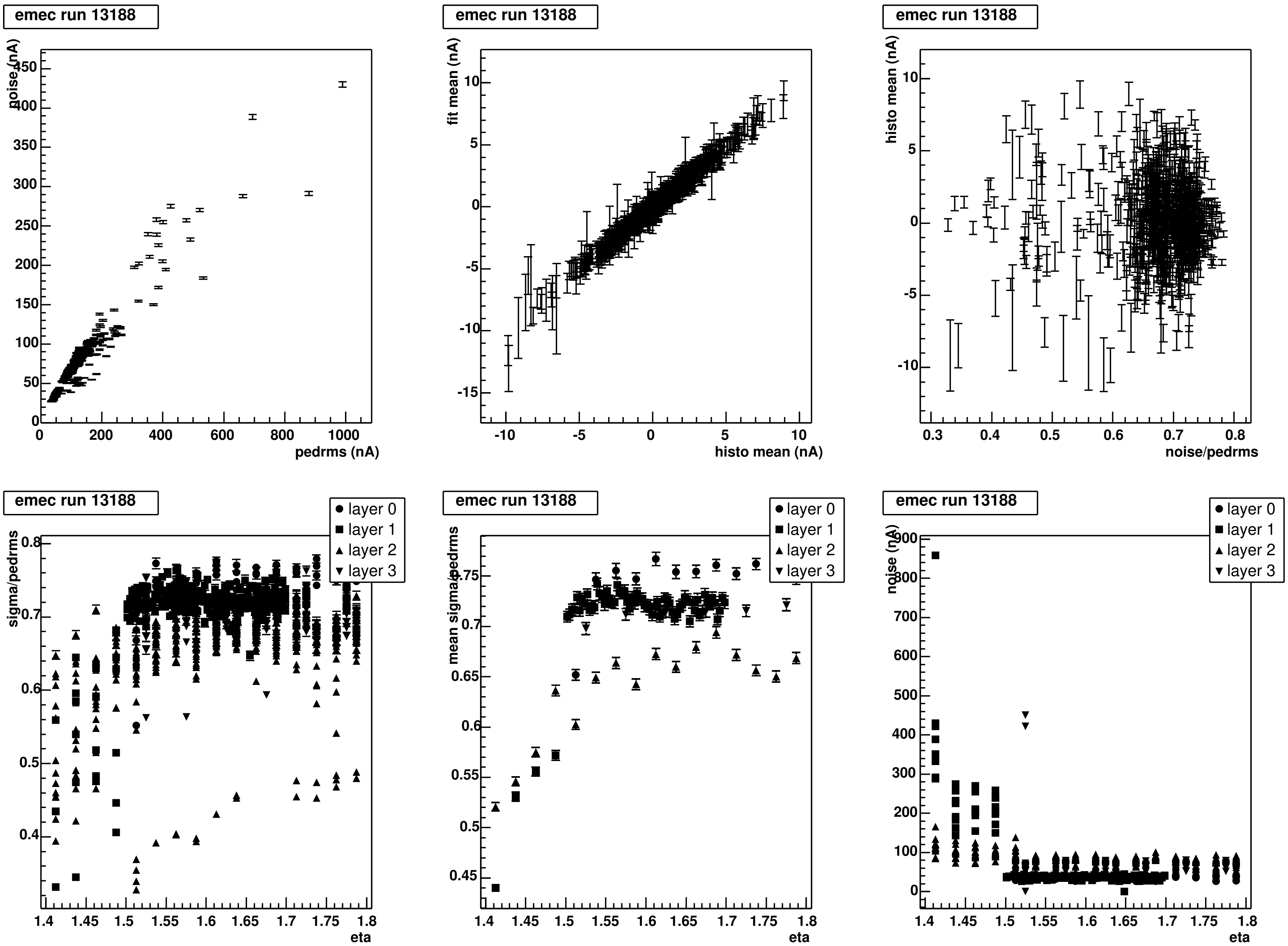

hec run 13188
fit mean (nA)
histo mean (nA)
10
5
0
-5
-10
-8
-6
-4
-2
0
2
4
6
8
10

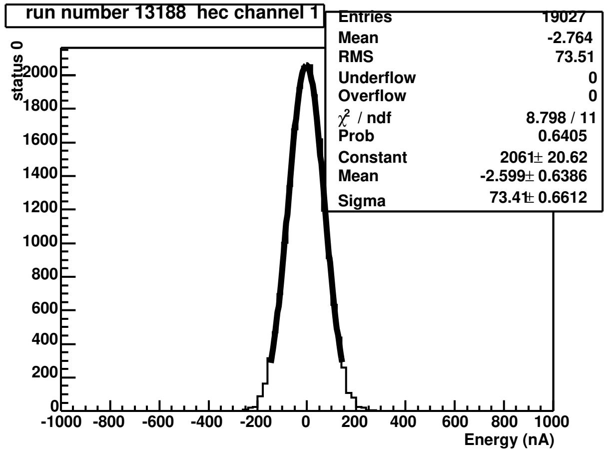

hec run 13188
histo mean (nA)
noise/pedrms
10
5
0
-5
-10
0.45
0.5
0.55
0.6
0.65
0.7
0.75

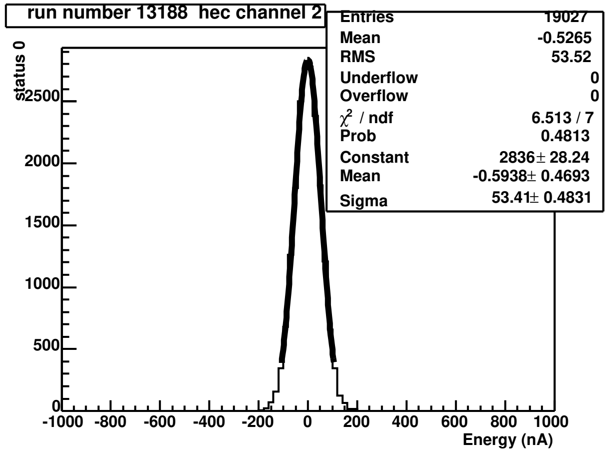

hec run 13188
layer 1
layer 2
layer 3
sigma/pedrms
eta
0.75
0.7
0.65
0.6
0.55
0.5
1.6
1.8
2
2.2
2.4
2.6
2.8
3
3.2

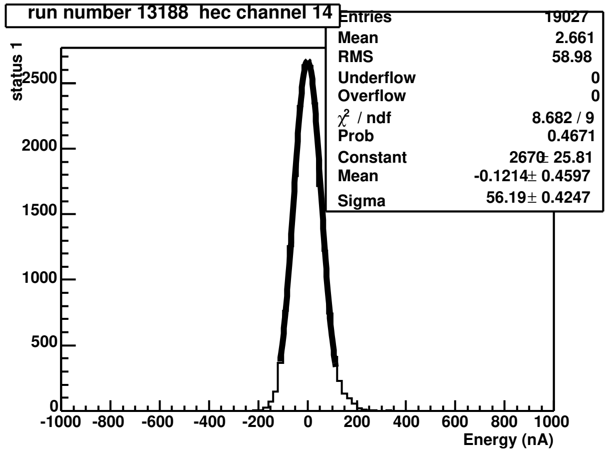

hec run 13188
layer 1
layer 2
layer 3
mean sigma/pedrms
eta
0.72
0.7
0.68
0.66
0.64
0.62
0.6
0.58
0.56
0.54
1.6
1.8
2
2.2
2.4
2.6
2.8
3
3.2

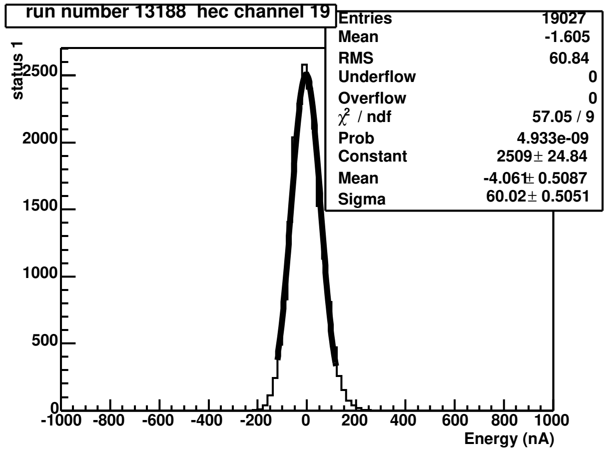

hec run 13188
layer 1
layer 2
layer 3
noise (nA)
eta
140
120
100
80
60
1.6
1.8
2
2.2
2.4
2.6
2.8
3
3.2

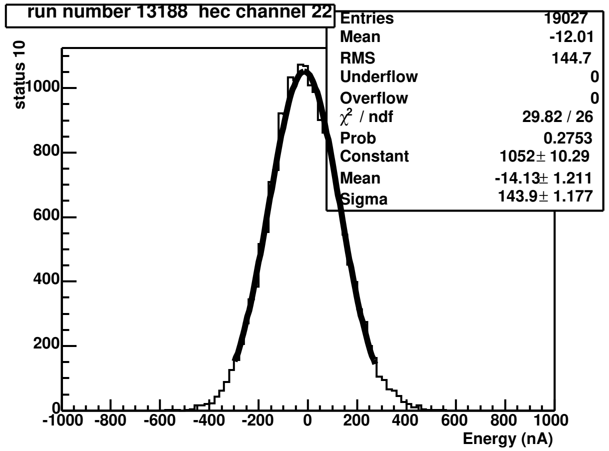

emec run 13188
noise (nA)
pedrms (nA)
emec run 13188
fit mean (nA)
histo mean (nA)
emec run 13188
histo mean (nA)
noise/pedrms
emec run 13188
sigma/pedrms
eta
layer 0
layer 1
layer 2
layer 3
emec run 13188
mean sigma/pedrms
eta
layer 0
layer 1
layer 2
layer 3
emec run 13188
noise (nA)
eta
layer 0
layer 1
layer 2
layer 3

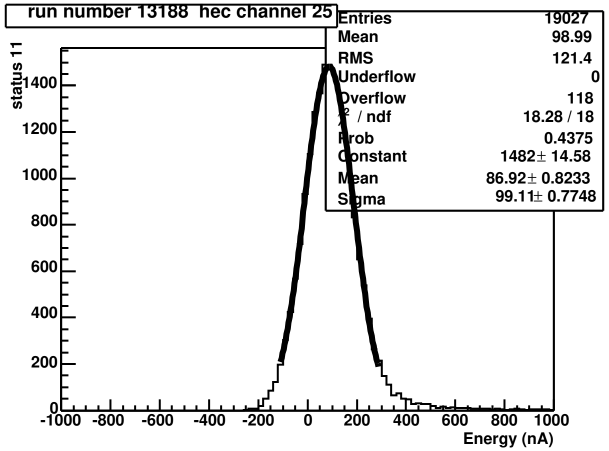

run number 13188 hec channel 1
Entries 19027
Mean -2.764
RMS 73.51
Underflow 0
Overflow 0
χ^2 / ndf 8.798 / 11
Prob 0.6405
Constant 2061± 20.62
Mean -2.599± 0.6386
Sigma 73.41± 0.6612
status 0
Energy (nA)

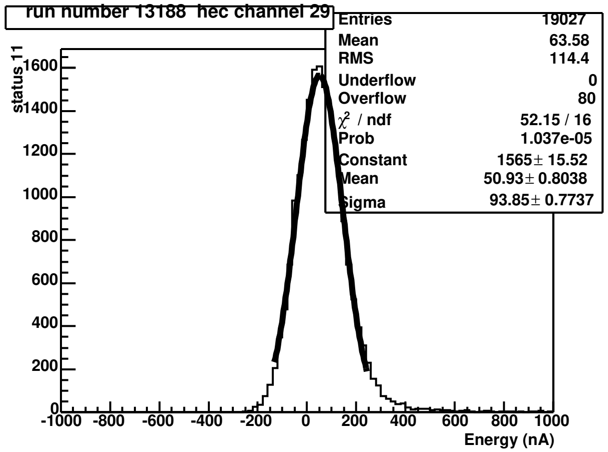

run number 13188 hec channel 2
Entries 19027
Mean -0.5265
RMS 53.52
Underflow 0
Overflow 0
χ^2 / ndf 6.513 / 7
Prob 0.4813
Constant 2836± 28.24
Mean -0.5938± 0.4693
Sigma 53.41± 0.4831
status 0
Energy (nA)

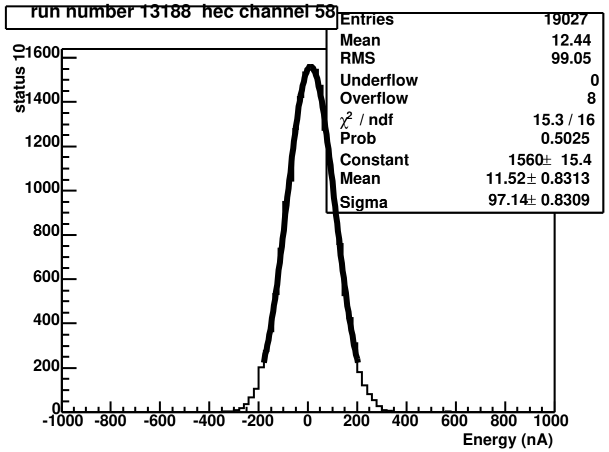

run number 13188 hec channel 14
Entries 19027
Mean 2.661
RMS 58.98
Underflow 0
Overflow 0
χ^2 / ndf 8.682 / 9
Prob 0.4671
Constant 2670± 25.81
Mean -0.1214± 0.4597
Sigma 56.19± 0.4247
status 1
Energy (nA)

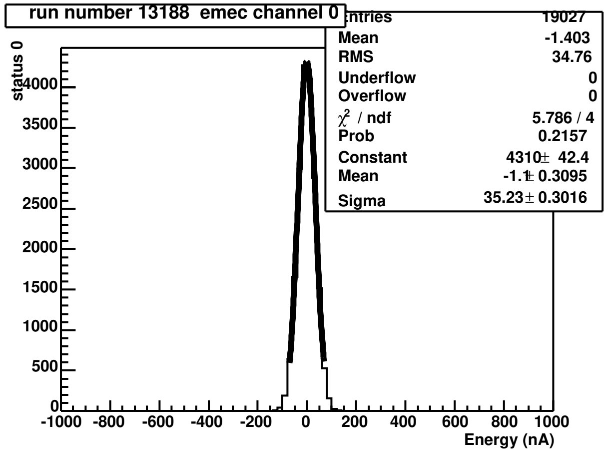

run number 13188 hec channel 19
Entries 19027
Mean -1.605
RMS 60.84
Underflow 0
Overflow 0
χ^2 / ndf 57.05 / 9
Prob 4.933e-09
Constant 2509± 24.84
Mean -4.061± 0.5087
Sigma 60.02± 0.5051
status 1
Energy (nA)

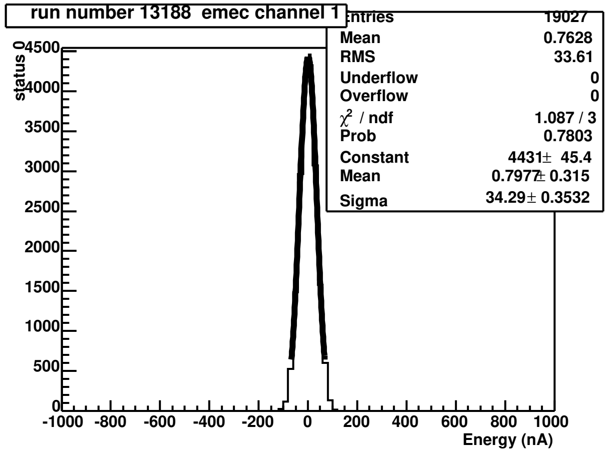

run number 13188 hec channel 22
Entries 19027
Mean -12.01
RMS 144.7
Underflow 0
Overflow 0
χ^2 / ndf 29.82 / 26
Prob 0.2753
Constant 1052± 10.29
Mean -14.13± 1.211
Sigma 143.9± 1.177
status 10
Energy (nA)

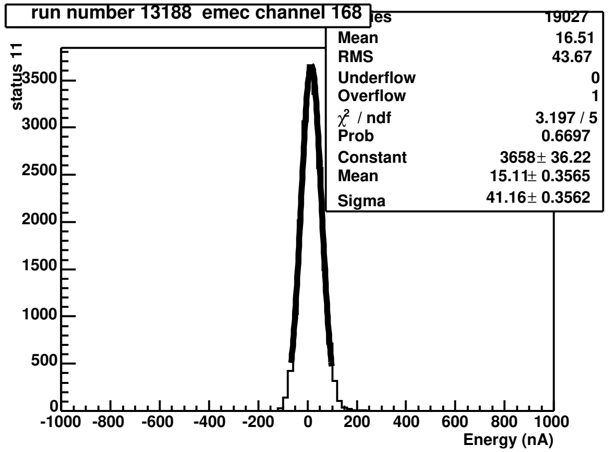

run number 13188 hec channel 25
Entries 19027
Mean 98.99
RMS 121.4
Underflow 0
Overflow 118
χ^2 / ndf 18.28 / 18
Prob 0.4375
Constant 1482± 14.58
Mean 86.92± 0.8233
Sigma 99.11± 0.7748
status 11
Energy (nA)

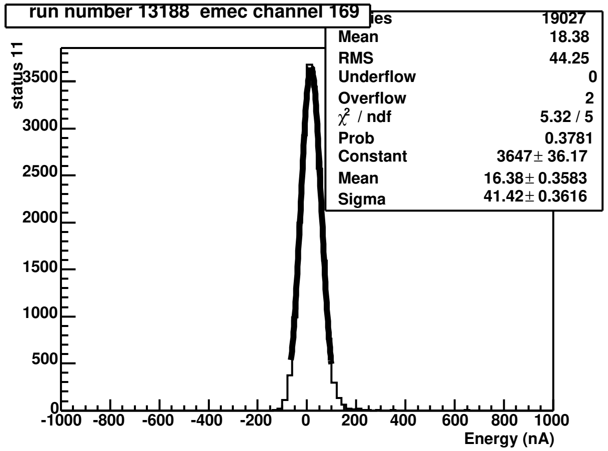

run number 13188 hec channel 29
Entries 19027
Mean 63.58
RMS 114.4
Underflow 0
Overflow 80
χ^2 / ndf 52.15 / 16
Prob 1.037e-05
Constant 1565± 15.52
Mean 50.93± 0.8038
Sigma 93.85± 0.7737
status 11
Energy (nA)

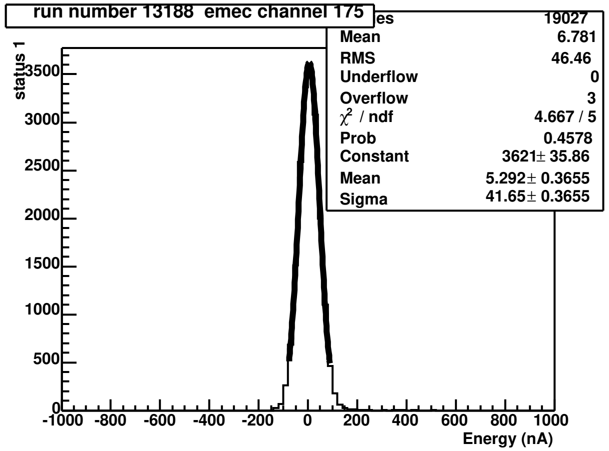

run number 13188 hec channel 58
Entries 19027
Mean 12.44
RMS 99.05
Underflow 0
Overflow 8
χ^2 / ndf 15.3 / 16
Prob 0.5025
Constant 1560± 15.4
Mean 11.52± 0.8313
Sigma 97.14± 0.8309
status 10
Energy (nA)

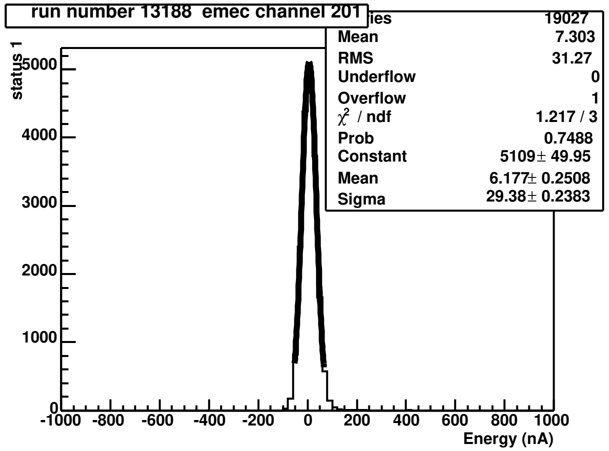

run number 13188 emec channel 0
Entries 19027
Mean -1.403
RMS 34.76
Underflow 0
Overflow 0
χ^2 / ndf 5.786 / 4
Prob 0.2157
Constant 4310± 42.4
Mean -1.1± 0.3095
Sigma 35.23± 0.3016
status 0
Energy (nA)

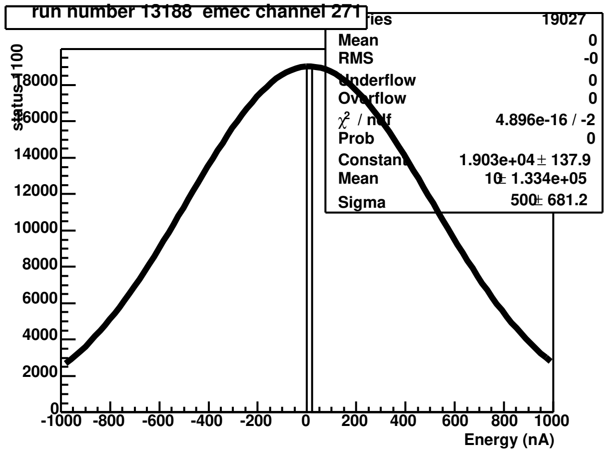

run number 13188 emec channel 1
Entries 19027
Mean 0.7628
RMS 33.61
Underflow 0
Overflow 0
χ^2 / ndf 1.087 / 3
Prob 0.7803
Constant 4431± 45.4
Mean 0.7977± 0.315
Sigma 34.29± 0.3532
status 0
Energy (nA)

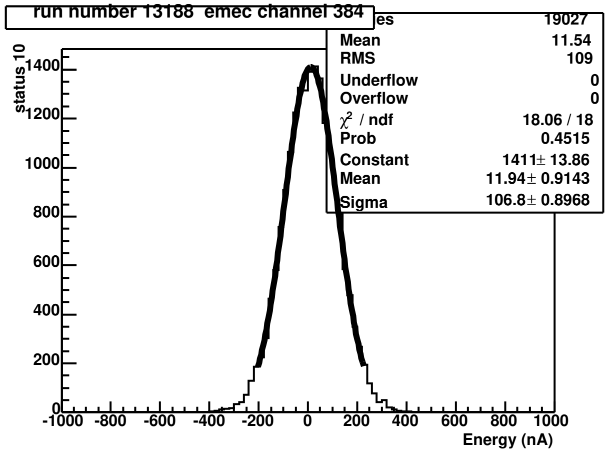

run number 13188 emec channel 168
Entries 19027
Mean 16.51
RMS 43.67
Underflow 0
Overflow 1
χ^2 / ndf 3.197 / 5
Prob 0.6697
Constant 3658± 36.22
Mean 15.11± 0.3565
Sigma 41.16± 0.3562
status 11
Energy (nA)

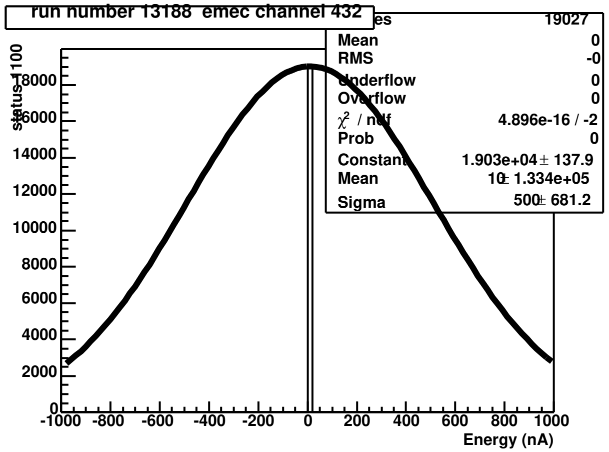

run number 13188 emec channel 169
Entries 19027
Mean 18.38
RMS 44.25
Underflow 0
Overflow 2
χ^2 / ndf 5.32 / 5
Prob 0.3781
Constant 3647± 36.17
Mean 16.38± 0.3583
Sigma 41.42± 0.3616
status 11
Energy (nA)

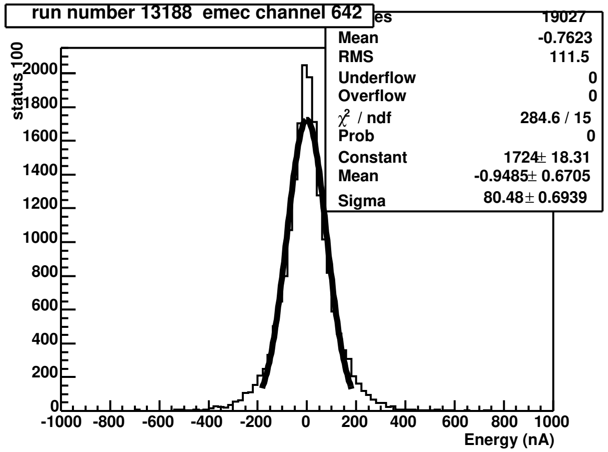

run number 13188 emec channel 175
Entries 19027
Mean 6.781
RMS 46.46
Underflow 0
Overflow 3
χ^2 / ndf 4.667 / 5
Prob 0.4578
Constant 3621± 35.86
Mean 5.292± 0.3655
Sigma 41.65± 0.3655
status 1
Energy (nA)

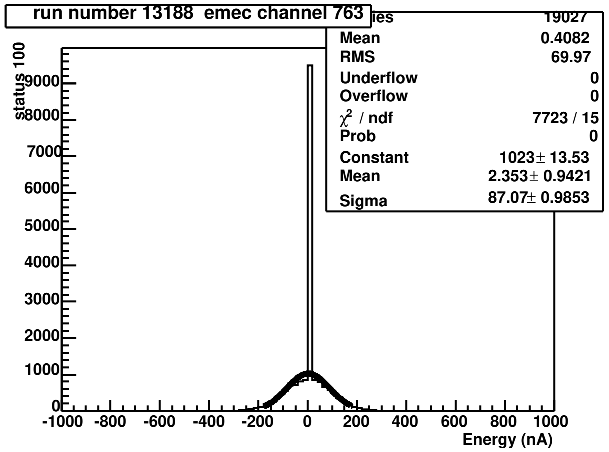

run number 13188 emec channel 201
Entries 19027
Mean 7.303
RMS 31.27
Underflow 0
Overflow 1
χ^2 / ndf 1.217 / 3
Prob 0.7488
Constant 5109± 49.95
Mean 6.177± 0.2508
Sigma 29.38± 0.2383
status 1
Energy (nA)

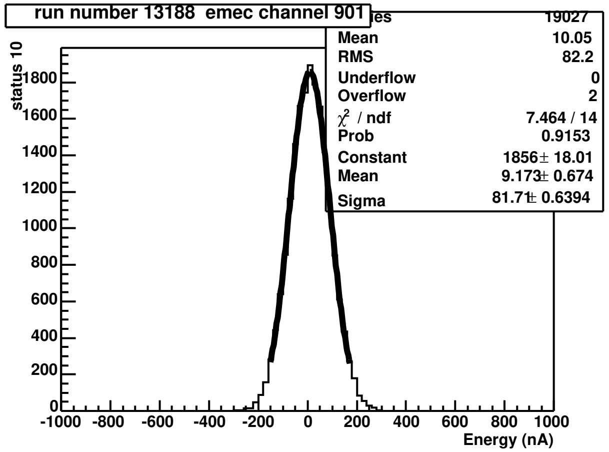

run number 13188 emec channel 271
Entries 19027
Mean 0
RMS -0
Underflow 0
Overflow 0
χ^2 / ndf 4.896e-16 / -2
Prob 0
Constant 1.903e+04± 137.9
Mean 10± 1.334e+05
Sigma 500± 681.2
status 1100
Energy (nA)


run number 13188 emec channel 384
Entries 19027
Mean 11.54
RMS 109
Underflow 0
Overflow 0
χ^2 / ndf 18.06 / 18
Prob 0.4515
Constant 1411± 13.86
Mean 11.94± 0.9143
Sigma 106.8± 0.8968
status 10
Energy (nA)


run number 13188 emec channel 432
Entries 19027
Mean 0
RMS -0
Underflow 0
Overflow 0
χ^2 / ndf 4.896e-16 / -2
Prob 0
Constant 1.903e+04± 137.9
Mean 10± 1.334e+05
Sigma 500± 681.2
status 1100
Energy (nA)


run number 13188 emec channel 642
Mean -0.7623
RMS 111.5
Underflow 0
Overflow 0
χ² / ndf 284.6 / 15
Prob 0
Constant 1724± 18.31
Mean -0.9485± 0.6705
Sigma 80.48± 0.6939
status 100
Energy (nA)


run number 13188 emec channel 763
Mean 0.4082
RMS 69.97
Underflow 0
Overflow 0
χ² / ndf 7723 / 15
Prob 0
Constant 1023± 13.53
Mean 2.353± 0.9421
Sigma 87.07± 0.9853
status 100
Energy (nA)


run number 13188 emec channel 901
Mean 10.05
RMS 82.2
Underflow 0
Overflow 2
χ² / ndf 7.464 / 14
Prob 0.9153
Constant 1856± 18.01
Mean 9.173± 0.674
Sigma 81.71± 0.6394
status 10
Energy (nA)