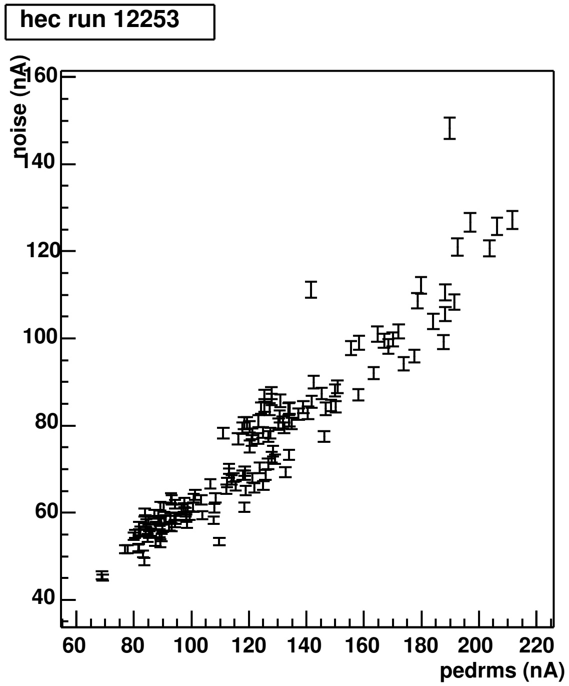
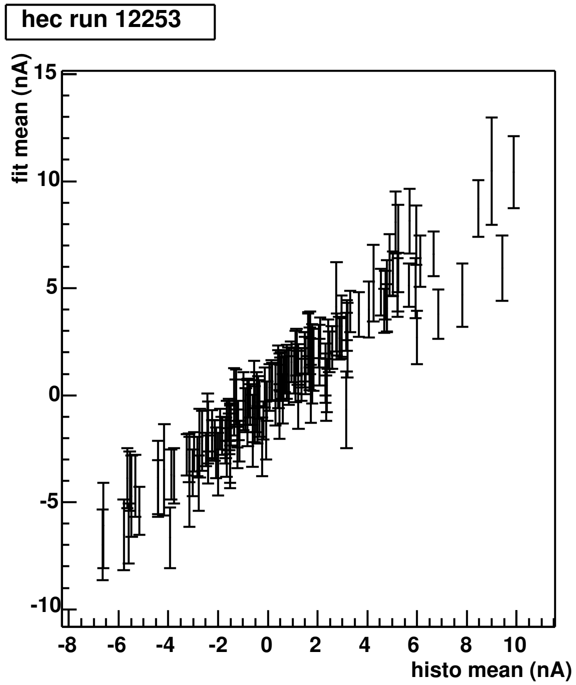
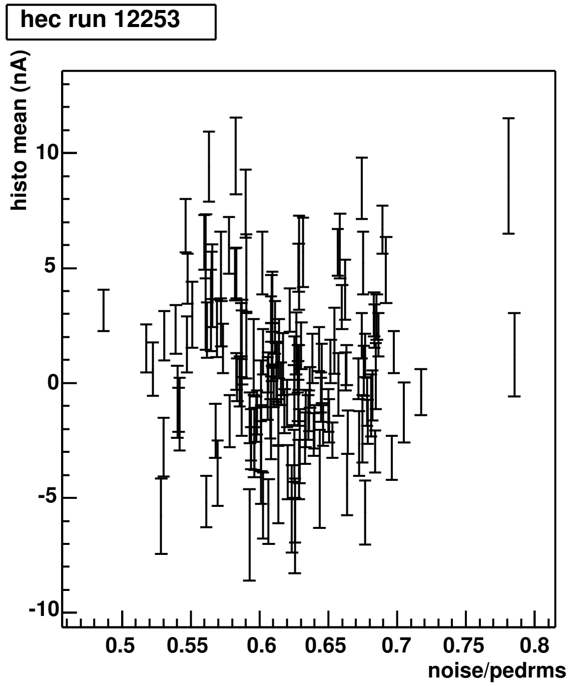
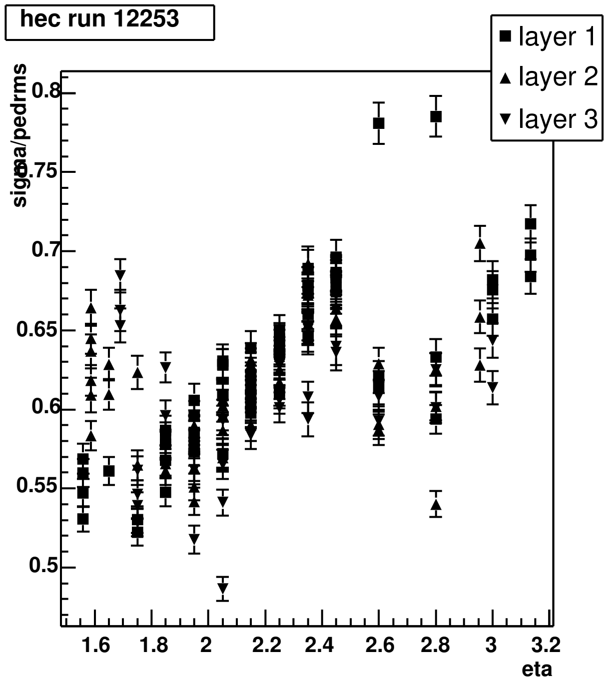
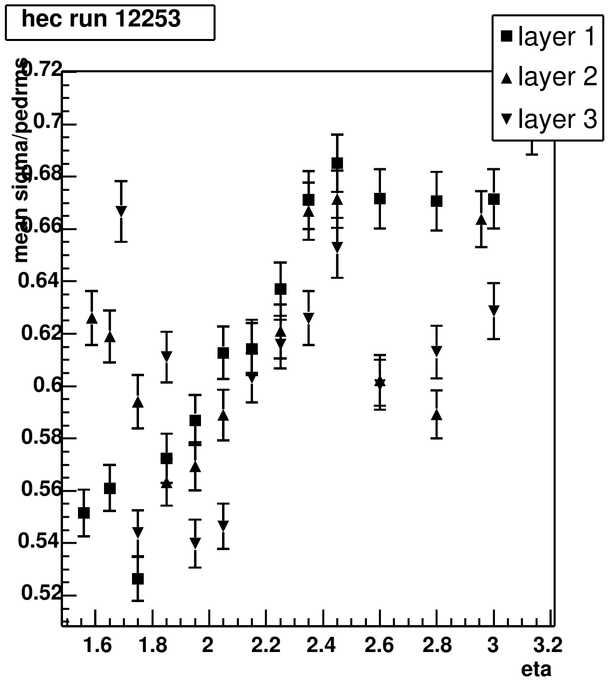
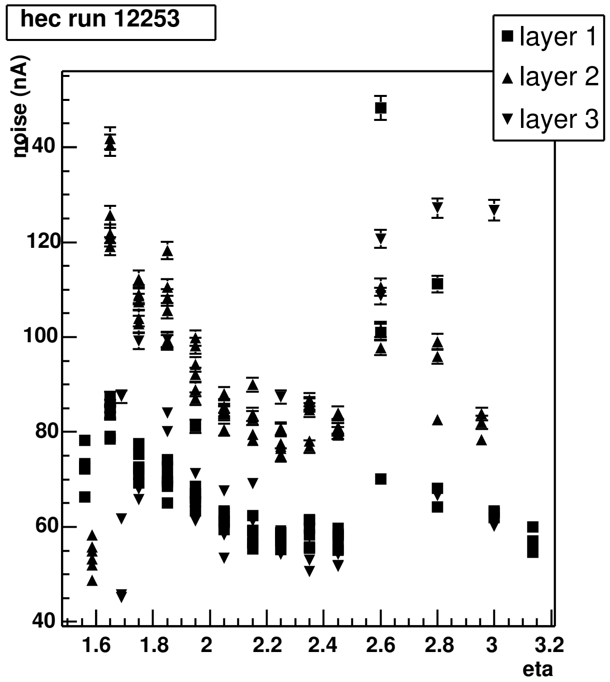

hec run 12253
noise (nA)
pedrms (nA)

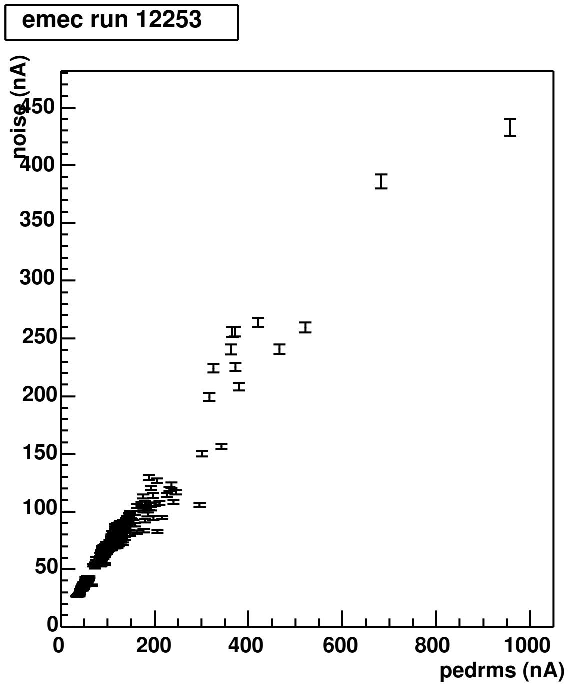

hec run 12253
fit mean (nA)
histo mean (nA)

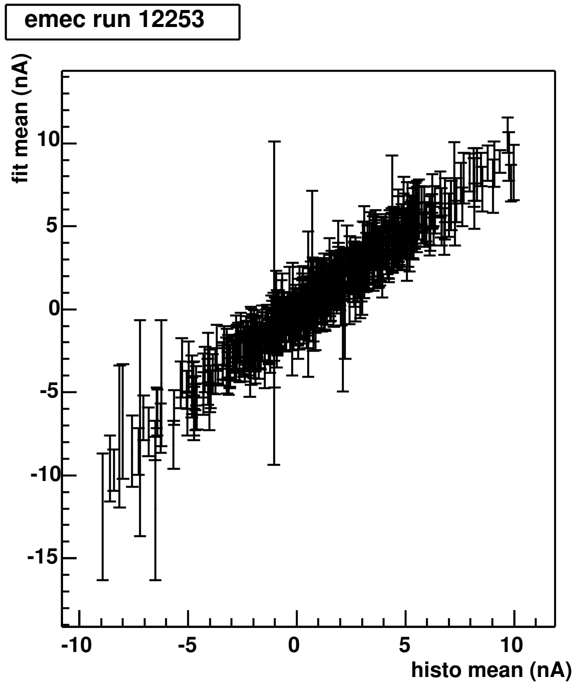

hec run 12253
histo mean (nA)
noise/pedrms

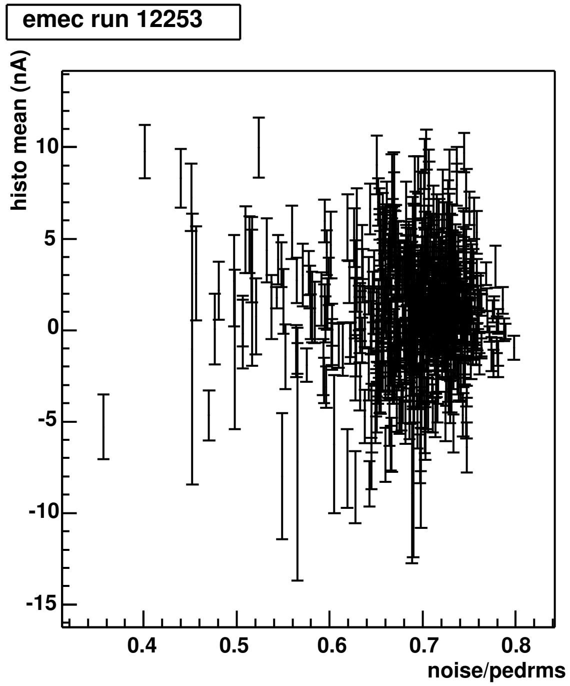

hec run 12253
layer 1
layer 2
layer 3
sigma/pedrms
eta

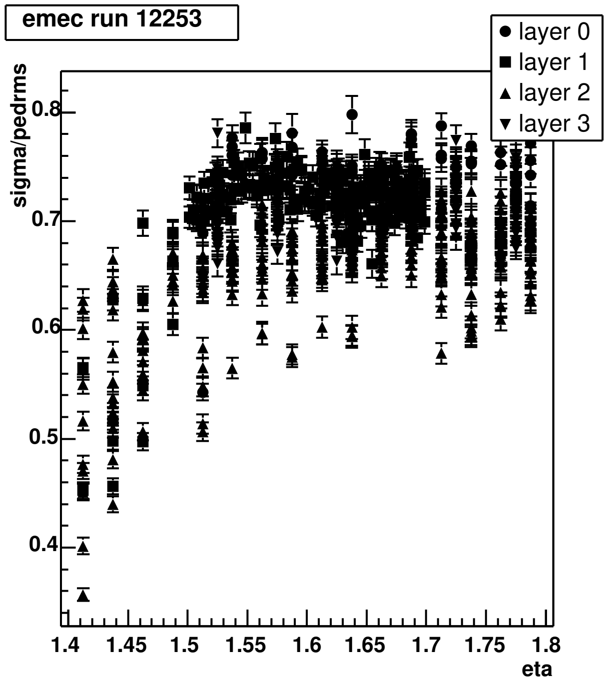

hec run 12253
layer 1
layer 2
layer 3
mean sigma/pedrms
eta

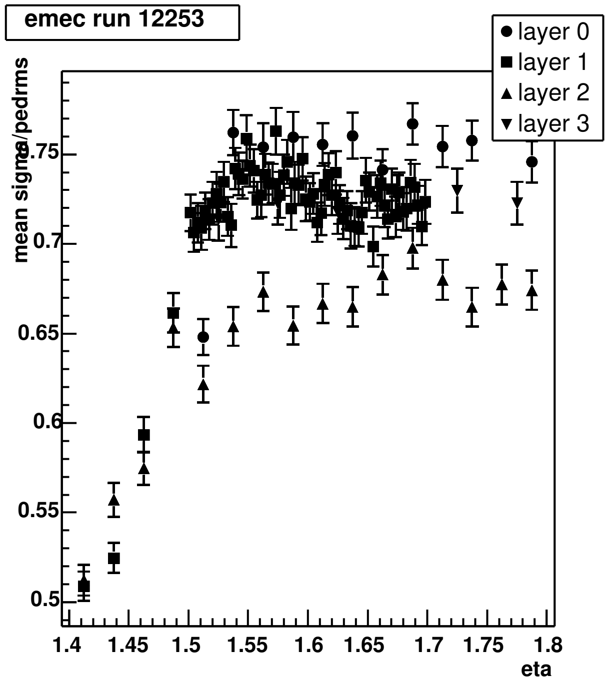

hec run 12253
layer 1
layer 2
layer 3
noise (nA)
eta

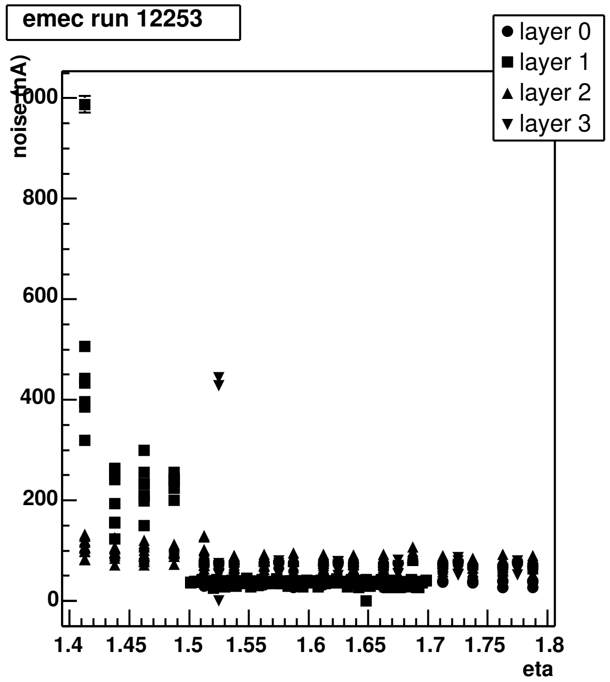

emec run 12253
noise (nA)
pedrms (nA)
0
50
100
150
200
250
300
350
400
450
0
200
400
600
800
1000

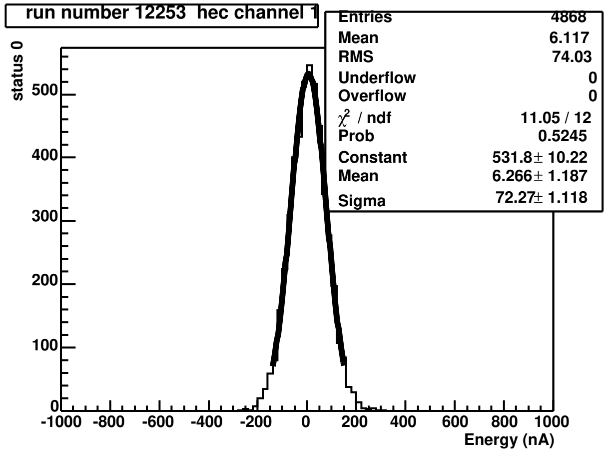

emec run 12253
fit mean (nA)
histo mean (nA)
-15
-10
-5
0
5
10
-10
-5
0
5
10

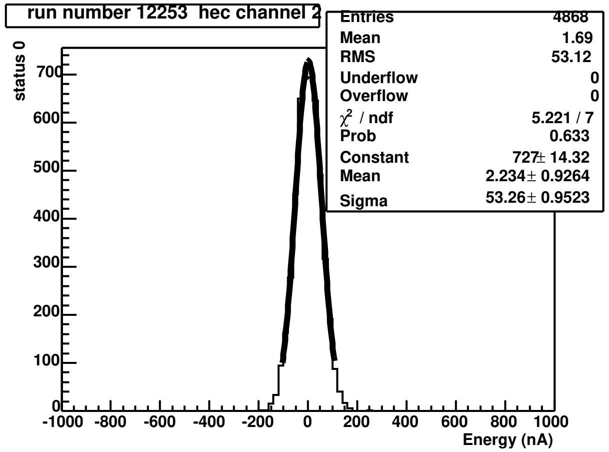

emec run 12253
histo mean (nA)
noise/pedrms
-15
-10
-5
0
5
10
0.4
0.5
0.6
0.7
0.8

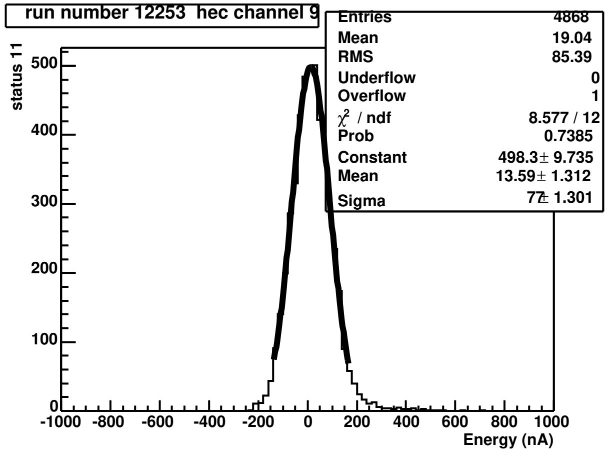

emec run 12253
layer 0
layer 1
layer 2
layer 3
sigma/pedrms
eta
0.4
0.5
0.6
0.7
0.8
1.4
1.45
1.5
1.55
1.6
1.65
1.7
1.75
1.8

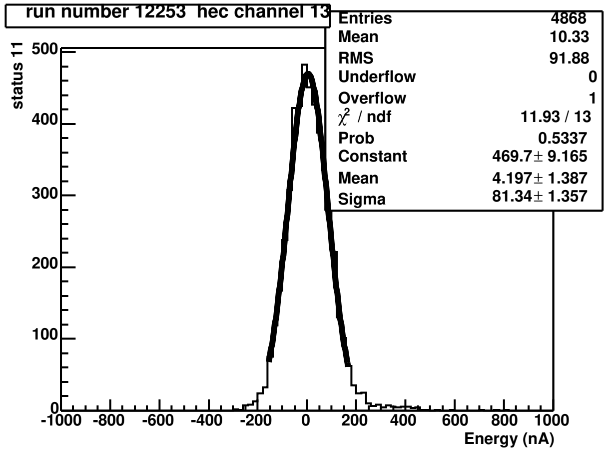

emec run 12253
layer 0
layer 1
layer 2
layer 3
mean sigma/pedrms
eta
0.5
0.55
0.6
0.65
0.7
0.75
1.4
1.45
1.5
1.55
1.6
1.65
1.7
1.75
1.8

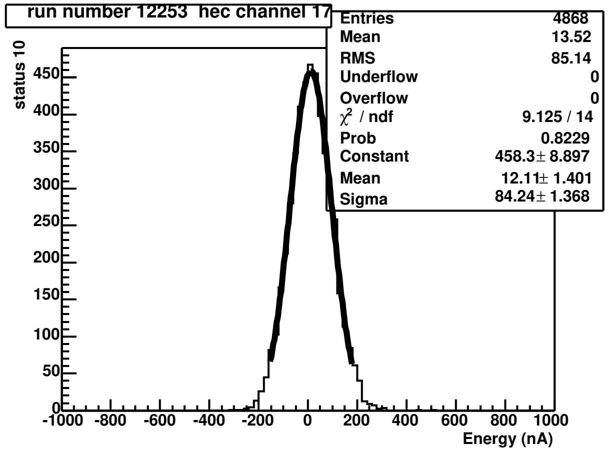

emec run 12253
layer 0
layer 1
layer 2
layer 3
noise (nA)
eta
0
200
400
600
800
1000
1.4
1.45
1.5
1.55
1.6
1.65
1.7
1.75
1.8

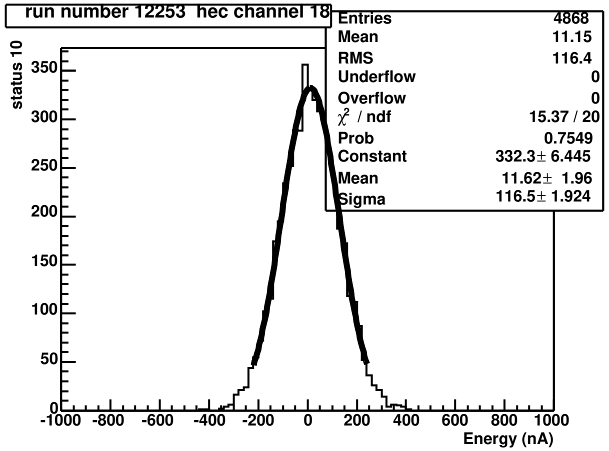

run number 12253 hec channel 1
status 0
Entries 4868
Mean 6.117
RMS 74.03
Underflow 0
Overflow 0
χ² / ndf 11.05 / 12
Prob 0.5245
Constant 531.8± 10.22
Mean 6.266± 1.187
Sigma 72.27± 1.118
Energy (nA)

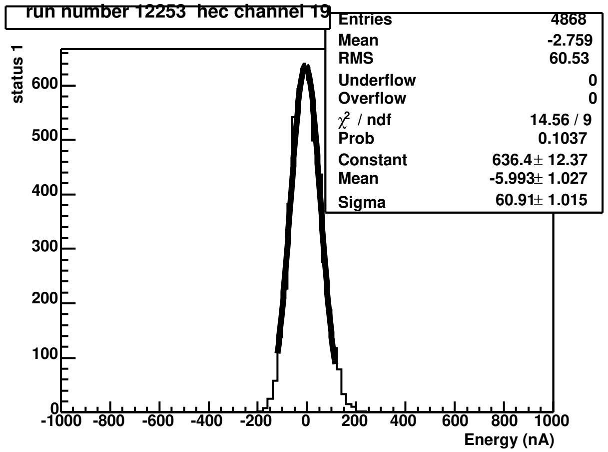

run number 12253 hec channel 2
status 0
Entries 4868
Mean 1.69
RMS 53.12
Underflow 0
Overflow 0
χ² / ndf 5.221 / 7
Prob 0.633
Constant 727± 14.32
Mean 2.234± 0.9264
Sigma 53.26± 0.9523
Energy (nA)

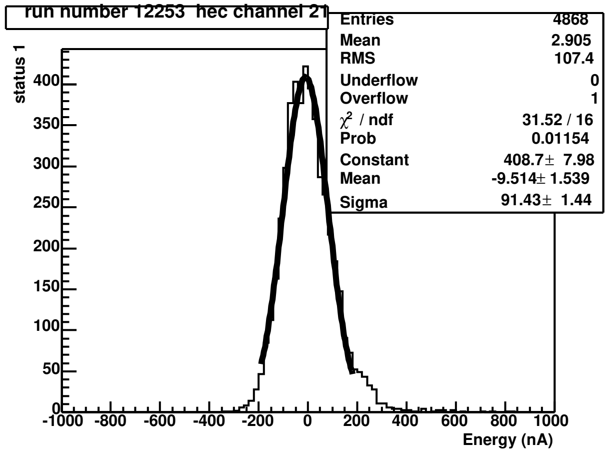

run number 12253 hec channel 9
status 11
Entries 4868
Mean 19.04
RMS 85.39
Underflow 0
Overflow 1
χ² / ndf 8.577 / 12
Prob 0.7385
Constant 498.3± 9.735
Mean 13.59± 1.312
Sigma 77± 1.301
Energy (nA)

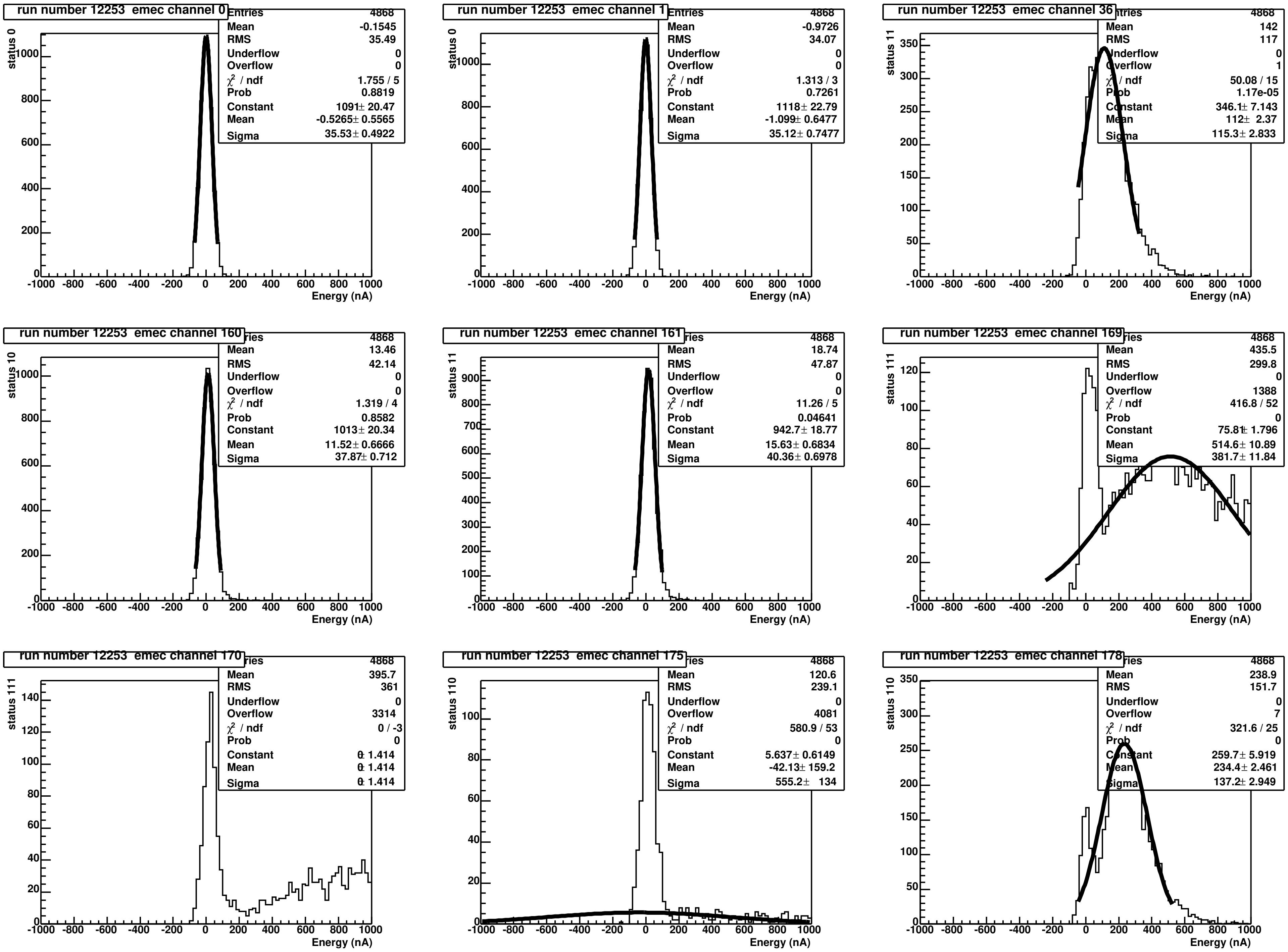

run number 12253 hec channel 13
status 11
Entries 4868
Mean 10.33
RMS 91.88
Underflow 0
Overflow 1
χ² / ndf 11.93 / 13
Prob 0.5337
Constant 469.7± 9.165
Mean 4.197± 1.387
Sigma 81.34± 1.357
Energy (nA)

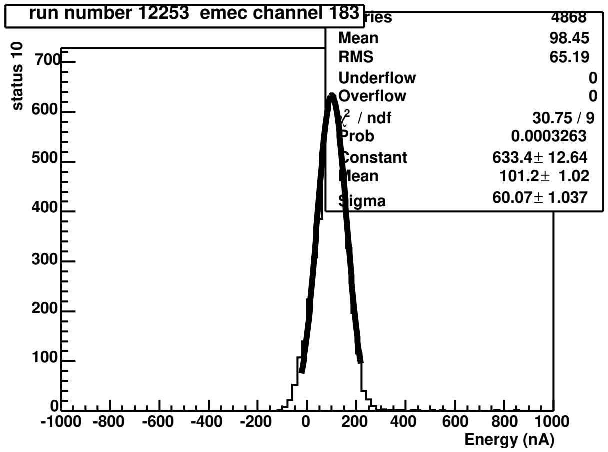

run number 12253 hec channel 17
status 10
Entries 4868
Mean 13.52
RMS 85.14
Underflow 0
Overflow 0
χ² / ndf 9.125 / 14
Prob 0.8229
Constant 458.3± 8.897
Mean 12.11± 1.401
Sigma 84.24± 1.368
Energy (nA)

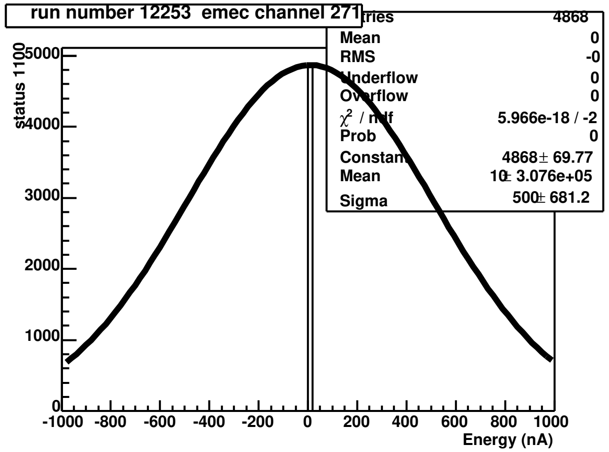

run number 12253 hec channel 18
status 10
Entries 4868
Mean 11.15
RMS 116.4
Underflow 0
Overflow 0
χ² / ndf 15.37 / 20
Prob 0.7549
Constant 332.3± 6.445
Mean 11.62± 1.96
Sigma 116.5± 1.924
Energy (nA)

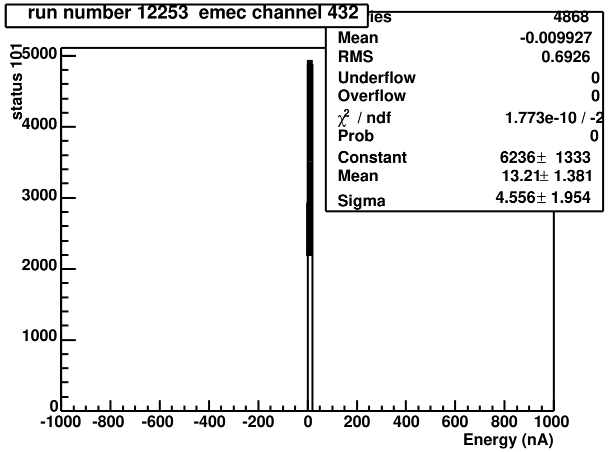

run number 12253 hec channel 19
status 1
Entries 4868
Mean -2.759
RMS 60.53
Underflow 0
Overflow 0
χ² / ndf 14.56 / 9
Prob 0.1037
Constant 636.4± 12.37
Mean -5.993± 1.027
Sigma 60.91± 1.015
Energy (nA)

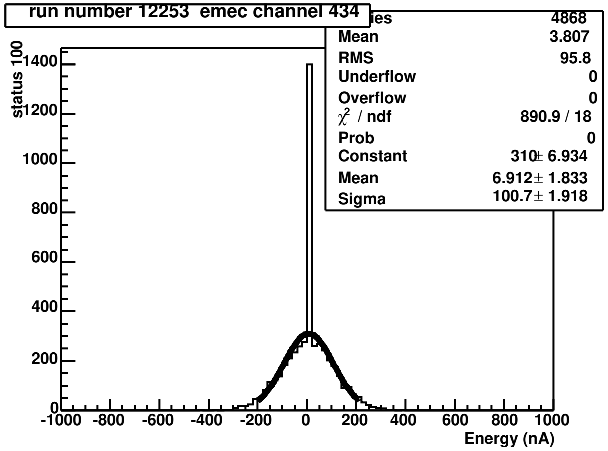

run number 12253 hec channel 21
status 1
Entries 4868
Mean 2.905
RMS 107.4
Underflow 0
Overflow 1
χ² / ndf 31.52 / 16
Prob 0.01154
Constant 408.7± 7.98
Mean -9.514± 1.539
Sigma 91.43± 1.44
Energy (nA)

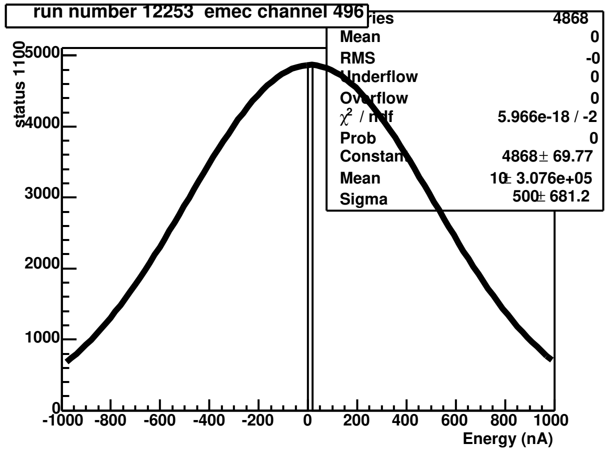

run number 12253 emec channel 0
Entries 4868
Mean -0.1545
RMS 35.49
Underflow 0
Overflow 0
χ2 / ndf 1.755 / 5
Prob 0.8819
Constant 1091± 20.47
Mean -0.5265± 0.5565
Sigma 35.53± 0.4922
status 0
Energy (nA)
run number 12253 emec channel 1
Entries 4868
Mean -0.9726
RMS 34.07
Underflow 0
Overflow 0
χ2 / ndf 1.313 / 3
Prob 0.7261
Constant 1118± 22.79
Mean -1.099± 0.6477
Sigma 35.12± 0.7477
status 0
Energy (nA)
run number 12253 emec channel 36
Entries 4868
Mean 142
RMS 117
Underflow 0
Overflow 1
χ2 / ndf 50.08 / 15
Prob 1.17e-05
Constant 346.1± 7.143
Mean 112± 2.37
Sigma 115.3± 2.833
status 11
Energy (nA)
run number 12253 emec channel 160
Entries 4868
Mean 13.46
RMS 42.14
Underflow 0
Overflow 0
χ2 / ndf 1.319 / 4
Prob 0.8582
Constant 1013± 20.34
Mean 11.52± 0.6666
Sigma 37.87± 0.712
status 10
Energy (nA)
run number 12253 emec channel 161
Entries 4868
Mean 18.74
RMS 47.87
Underflow 0
Overflow 0
χ2 / ndf 11.26 / 5
Prob 0.04641
Constant 942.7± 18.77
Mean 15.63± 0.6834
Sigma 40.36± 0.6978
status 11
Energy (nA)
run number 12253 emec channel 169
Entries 4868
Mean 435.5
RMS 299.8
Underflow 0
Overflow 1388
χ2 / ndf 416.8 / 52
Prob 0
Constant 75.81± 1.796
Mean 514.6± 10.89
Sigma 381.7± 11.84
status 111
Energy (nA)
run number 12253 emec channel 170
Entries 4868
Mean 395.7
RMS 361
Underflow 0
Overflow 3314
χ2 / ndf 0 / -3
Prob 0
Constant 0± 1.414
Mean 0± 1.414
Sigma 0± 1.414
status 111
Energy (nA)
run number 12253 emec channel 175
Entries 4868
Mean 120.6
RMS 239.1
Underflow 0
Overflow 4081
χ2 / ndf 580.9 / 53
Prob 0
Constant 5.637± 0.6149
Mean -42.13± 159.2
Sigma 555.2± 134
status 110
Energy (nA)
run number 12253 emec channel 178
Entries 4868
Mean 238.9
RMS 151.7
Underflow 0
Overflow 7
χ2 / ndf 321.6 / 25
Prob 0
Constant 259.7± 5.919
Mean 234.4± 2.461
Sigma 137.2± 2.949
status 110
Energy (nA)

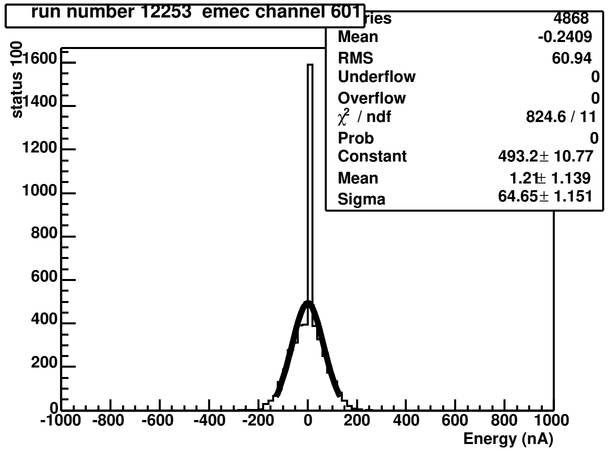

run number 12253 emec channel 183
ries 4868
Mean 98.45
RMS 65.19
Underflow 0
Overflow 0
χ^2 / ndf 30.75 / 9
Prob 0.0003263
Constant 633.4± 12.64
Mean 101.2± 1.02
Sigma 60.07± 1.037
status 10
Energy (nA)

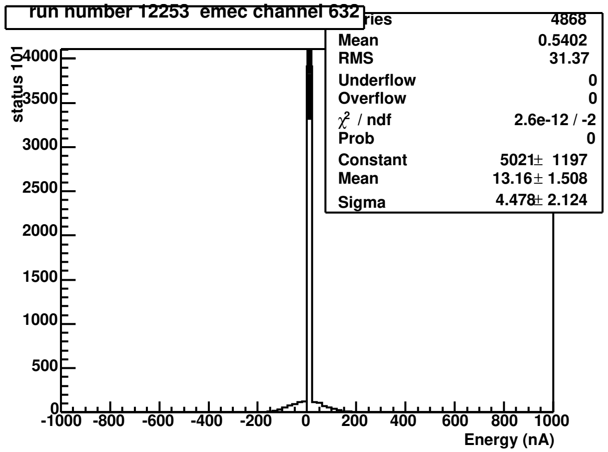

run number 12253 emec channel 271
ries 4868
Mean 0
RMS -0
Underflow 0
Overflow 0
χ^2 / ndf 5.966e-18 / -2
Prob 0
Constant 4868± 69.77
Mean 10± 3.076e+05
Sigma 500± 681.2
status 1100
Energy (nA)


run number 12253 emec channel 432
ries 4868
Mean -0.009927
RMS 0.6926
Underflow 0
Overflow 0
χ^2 / ndf 1.773e-10 / -2
Prob 0
Constant 6236± 1333
Mean 13.21± 1.381
Sigma 4.556± 1.954
status 101
Energy (nA)


run number 12253 emec channel 434
ries 4868
Mean 3.807
RMS 95.8
Underflow 0
Overflow 0
χ^2 / ndf 890.9 / 18
Prob 0
Constant 310± 6.934
Mean 6.912± 1.833
Sigma 100.7± 1.918
status 100
Energy (nA)


run number 12253 emec channel 496
ries 4868
Mean 0
RMS -0
Underflow 0
Overflow 0
χ^2 / ndf 5.966e-18 / -2
Prob 0
Constant 4868± 69.77
Mean 10± 3.076e+05
Sigma 500± 681.2
status 1100
Energy (nA)


run number 12253 emec channel 601
ries 4868
Mean -0.2409
RMS 60.94
Underflow 0
Overflow 0
χ^2 / ndf 824.6 / 11
Prob 0
Constant 493.2± 10.77
Mean 1.21± 1.139
Sigma 64.65± 1.151
status 100
Energy (nA)


run number 12253 emec channel 632
ries 4868
Mean 0.5402
RMS 31.37
Underflow 0
Overflow 0
χ^2 / ndf 2.6e-12 / -2
Prob 0
Constant 5021± 1197
Mean 13.16± 1.508
Sigma 4.478± 2.124
status 101
Energy (nA)