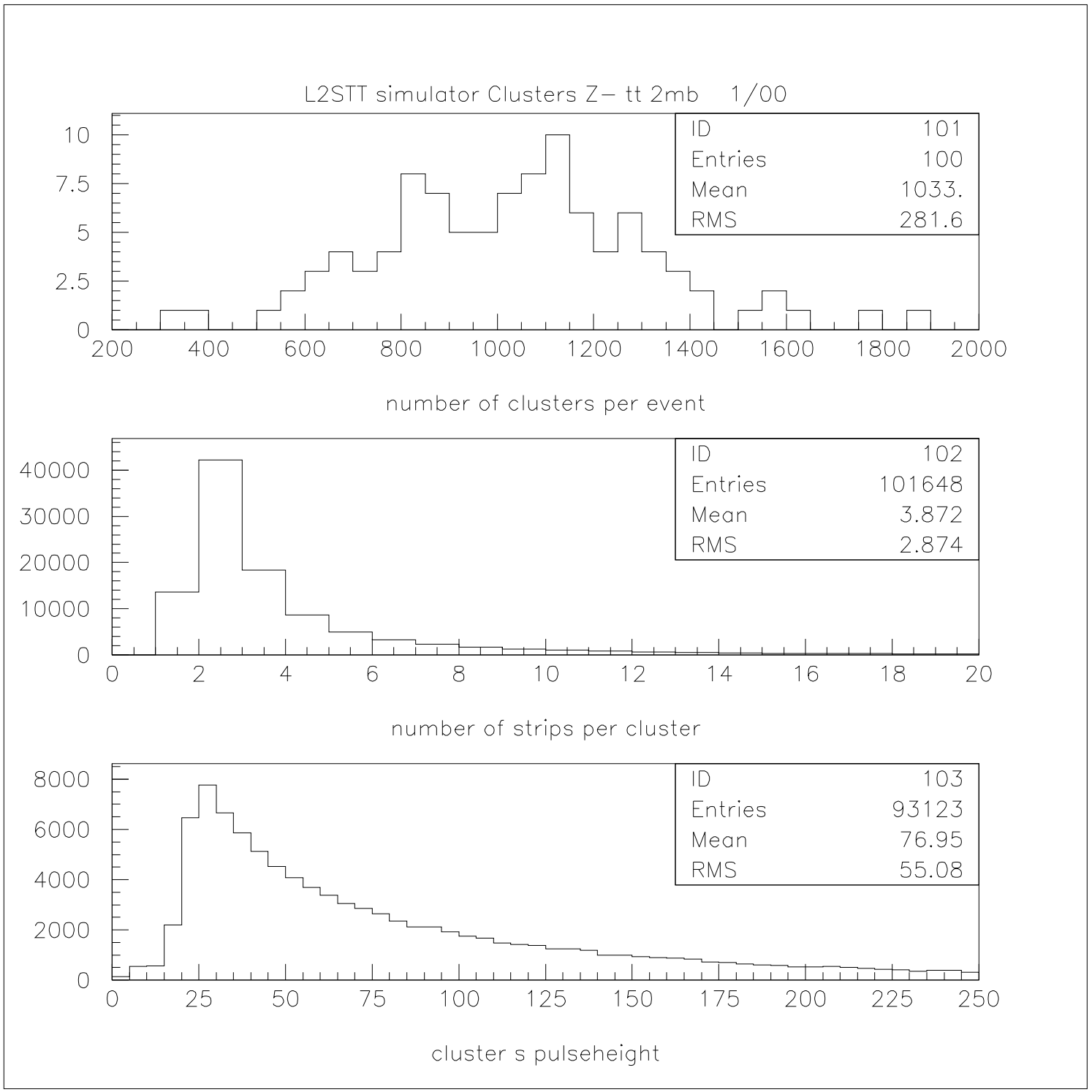
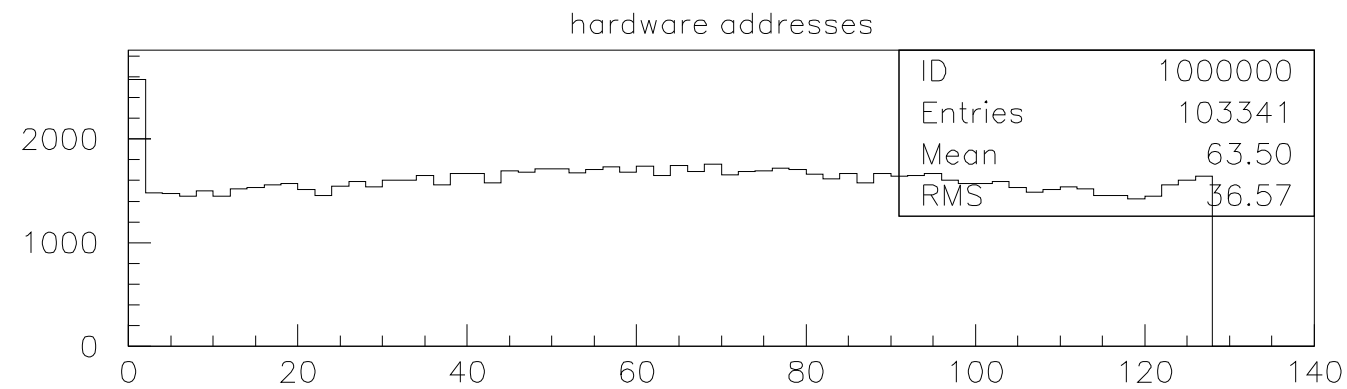
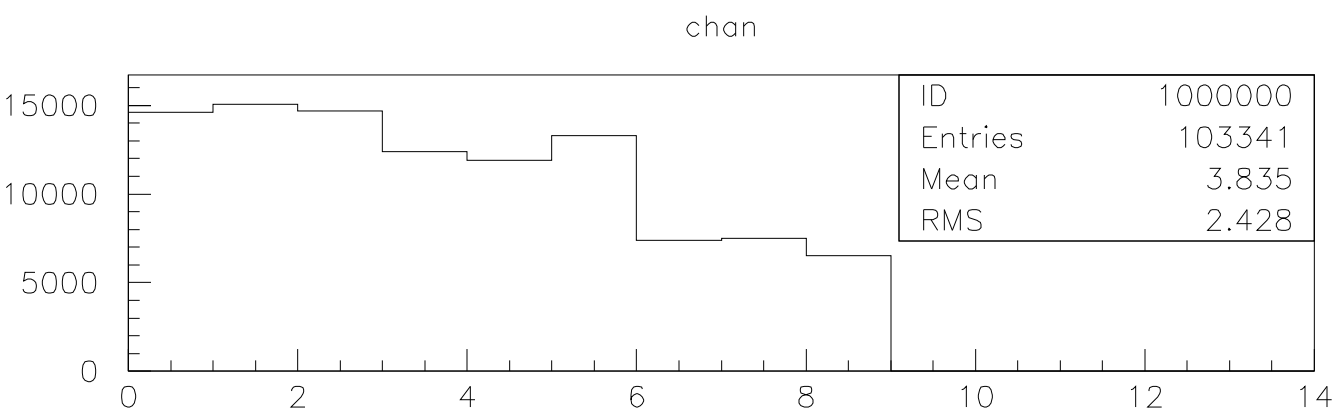
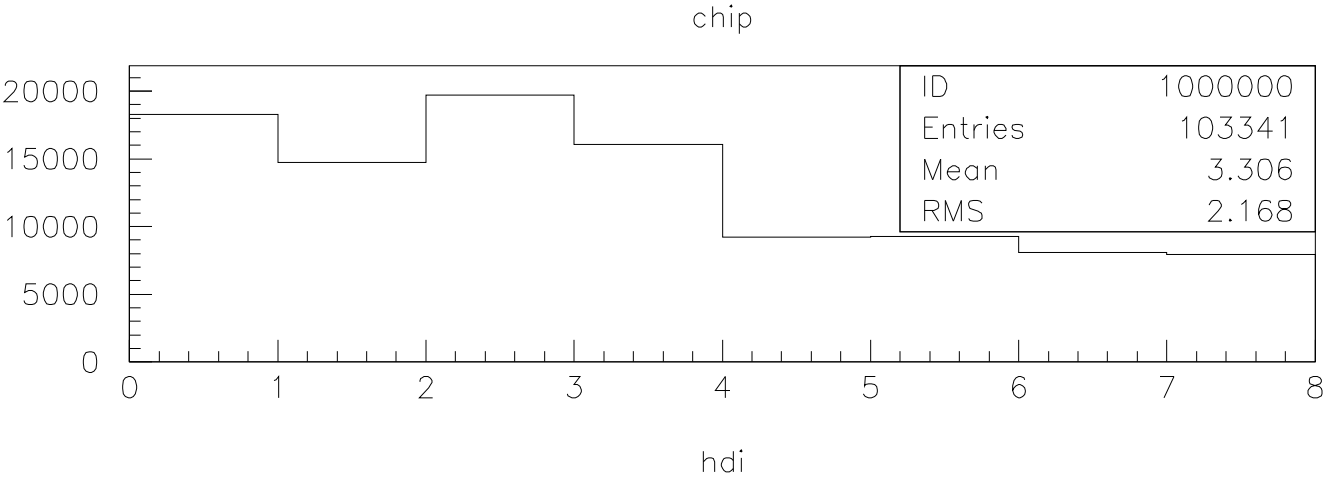
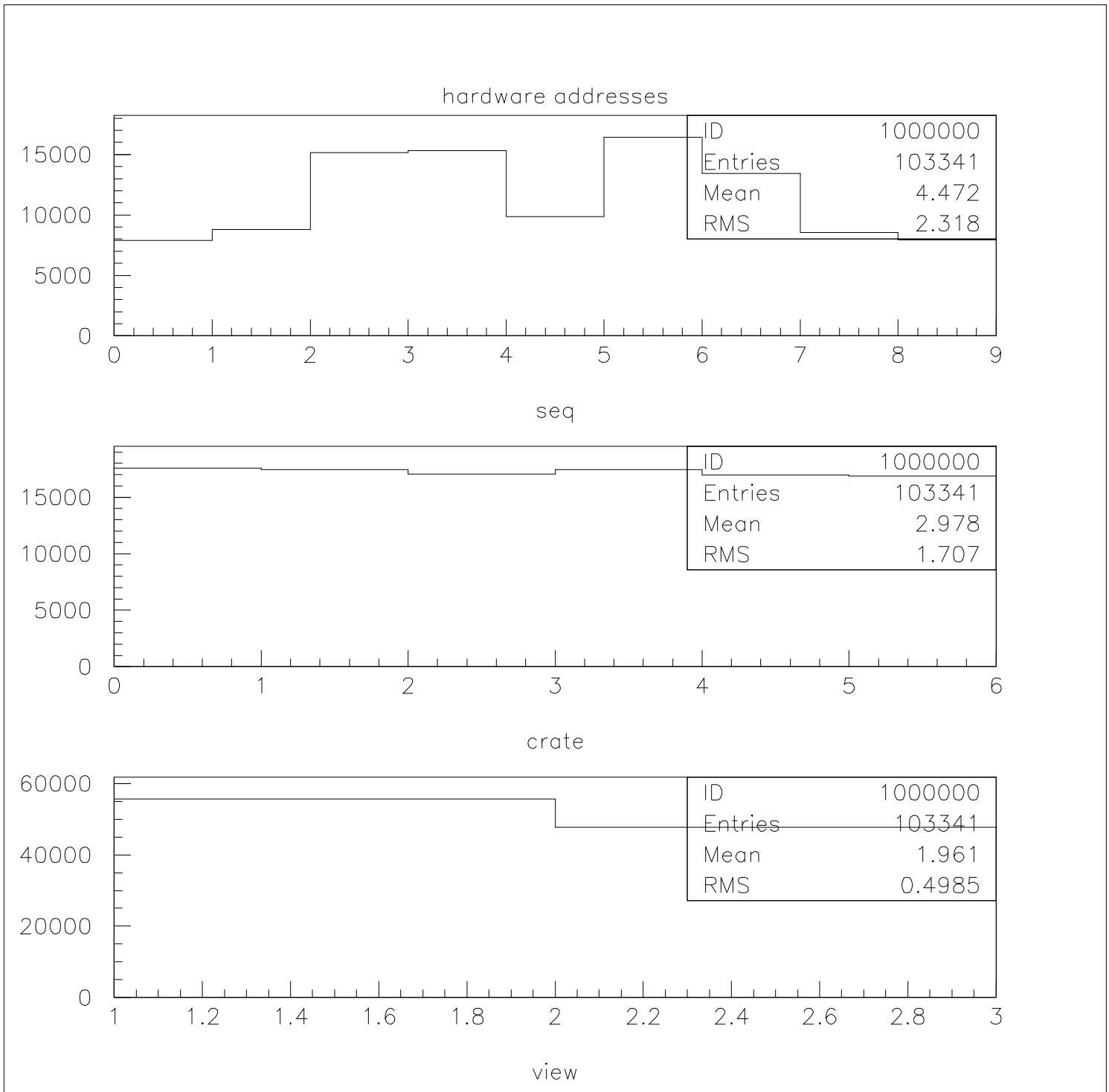

L2STT simulator Clusters Z– tt 2mb 1/00
ID 101
Entries 100
Mean 1033.
RMS 281.6
number of clusters per event
ID 102
Entries 101648
Mean 3.872
RMS 2.874
number of strips per cluster
ID 103
Entries 93123
Mean 76.95
RMS 55.08
cluster s pulseheight

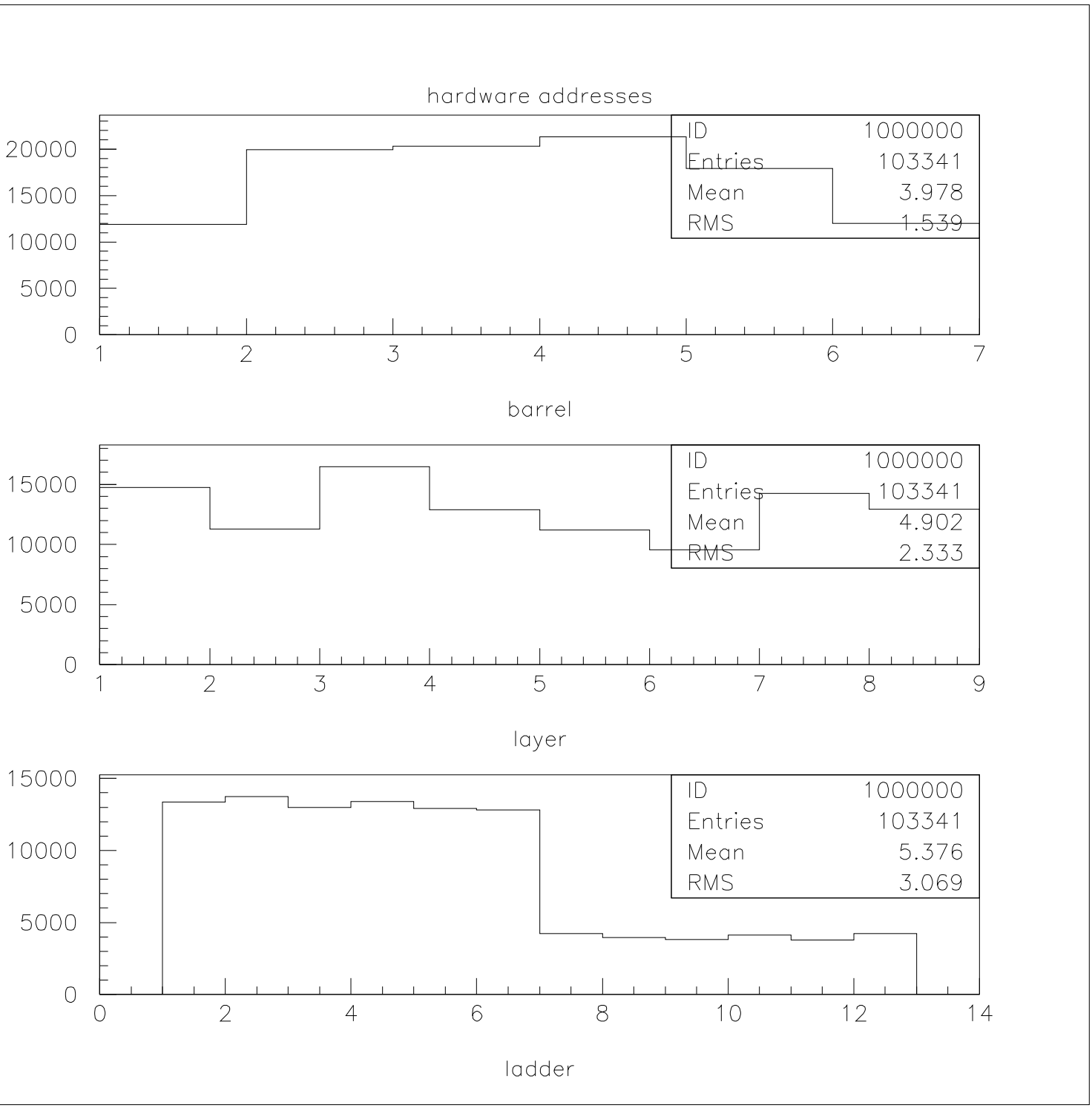

hardware addresses
ID 1000000
Entries 103341
Mean 63.50
RMS 36.57
2000
1000
0
0
20
40
60
80
100
120
140

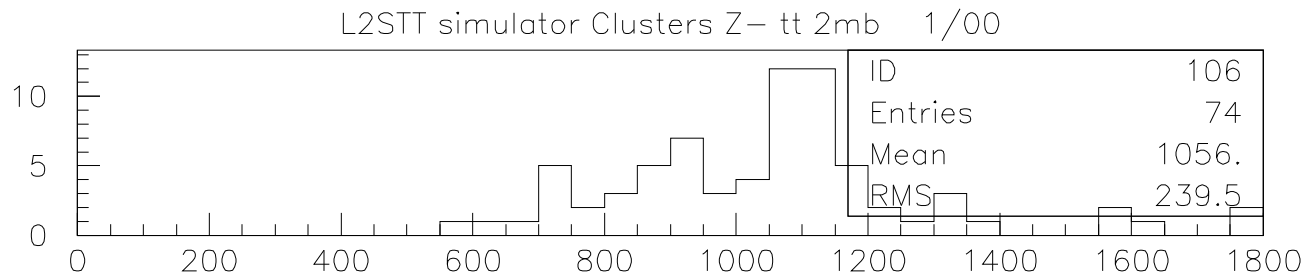

chan
ID 1000000
Entries 103341
Mean 3.835
RMS 2.428
15000
10000
5000
0
0
2
4
6
8
10
12
14


chip
ID 1000000
Entries 103341
Mean 3.306
RMS 2.168
20000
15000
10000
5000
0
0
1
2
3
4
5
6
7
8

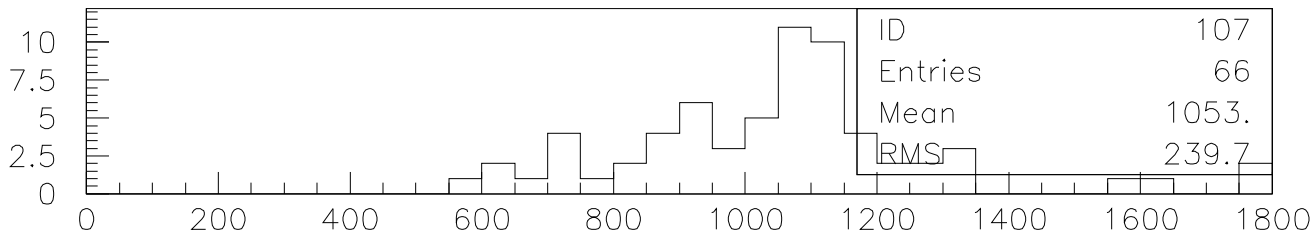
hdi


hardware addresses
ID 1000000
Entries 103341
Mean 4.472
RMS 2.318
15000
10000
5000
0
0 1 2 3 4 5 6 7 8 9
seq
ID 1000000
Entries 103341
Mean 2.978
RMS 1.707
15000
10000
5000
0
0 1 2 3 4 5 6
crate
ID 1000000
Entries 103341
Mean 1.961
RMS 0.4985
60000
40000
20000
0
1 1.2 1.4 1.6 1.8 2 2.2 2.4 2.6 2.8 3
view

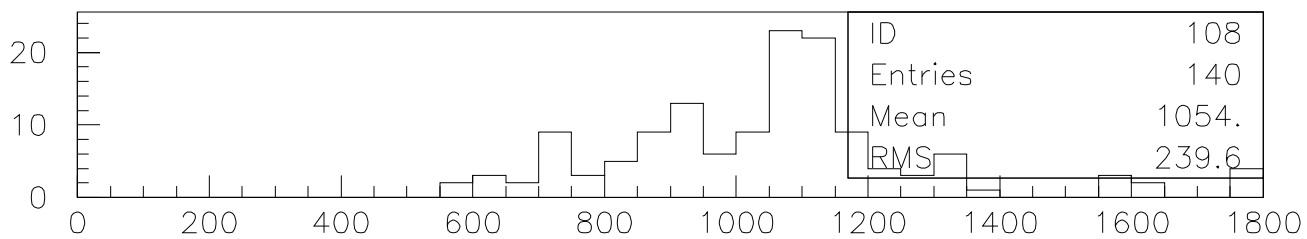

hardware addresses
ID 1000000
Entries 103341
Mean 3.978
RMS 1.539
20000
15000
10000
5000
0
1
2
3
4
5
6
7
barrel
ID 1000000
Entries 103341
Mean 4.902
RMS 2.333
15000
10000
5000
0
1
2
3
4
5
6
7
8
9
layer
ID 1000000
Entries 103341
Mean 5.376
RMS 3.069
15000
10000
5000
0
0
2
4
6
8
10
12
14
ladder



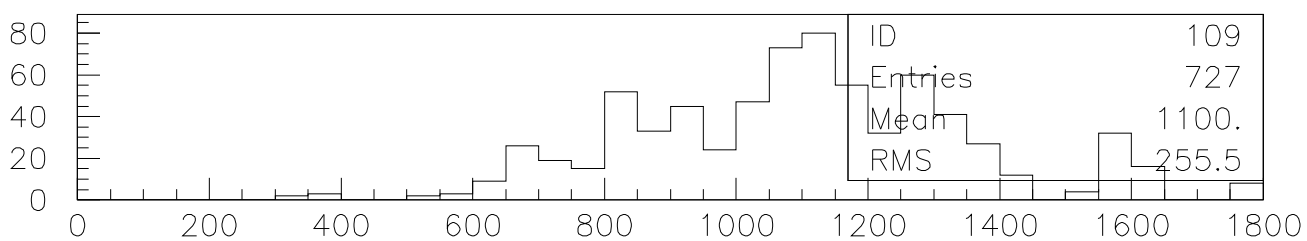
clusters per HDI (axial)



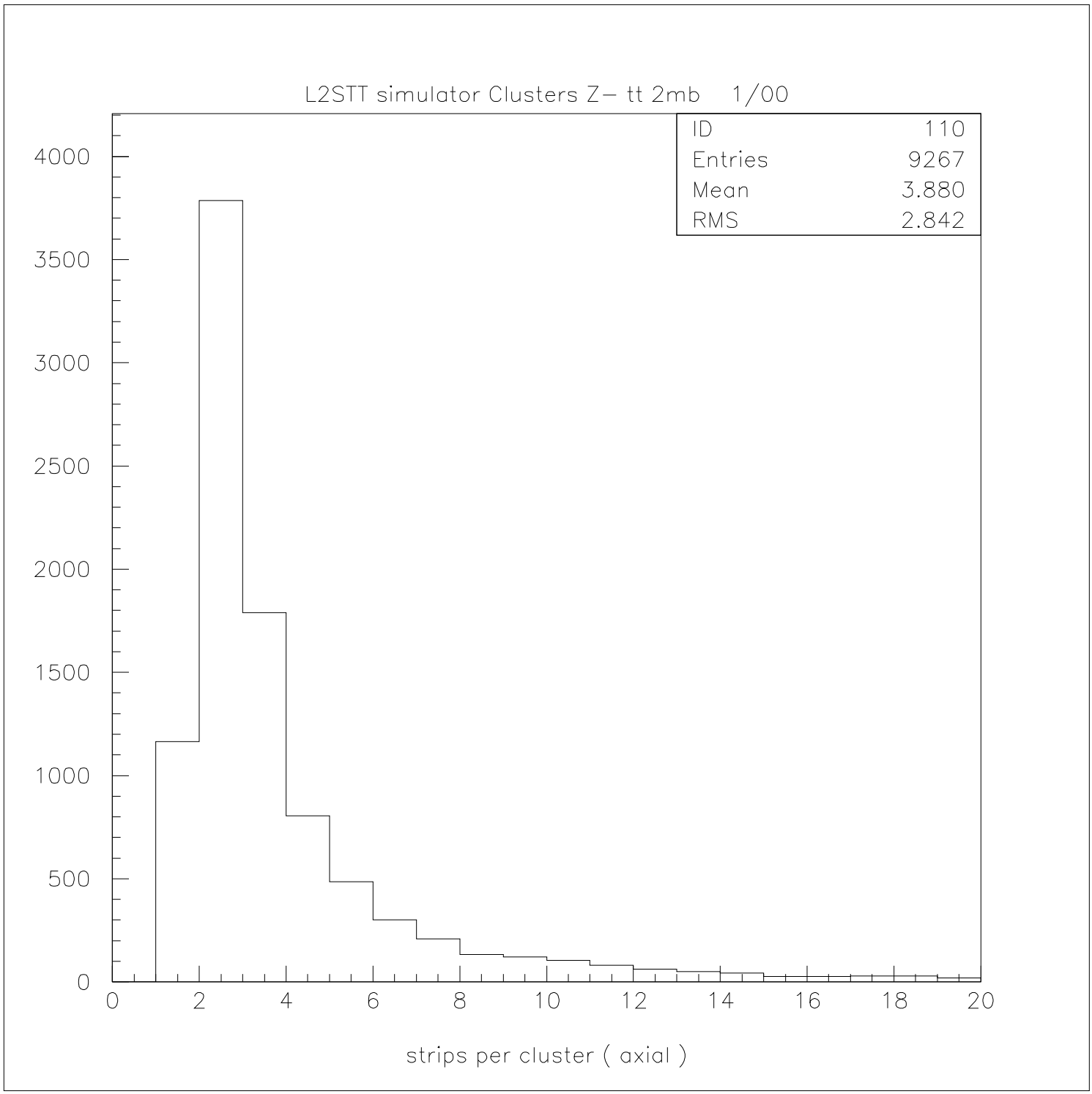
clusters per HDI (stereo)

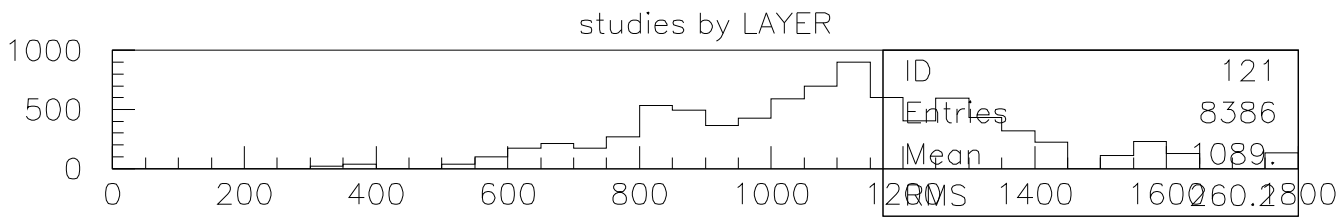


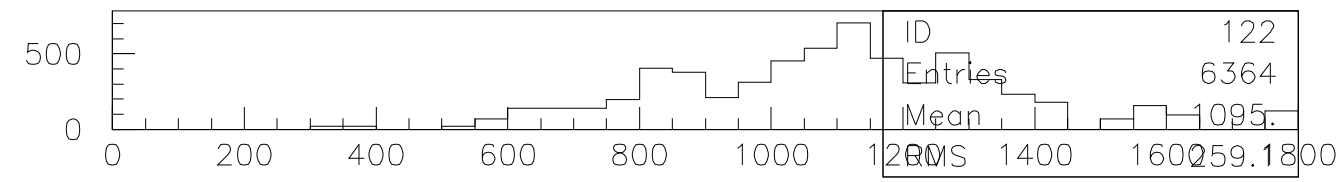
clusters per HDI (axial+stereo)

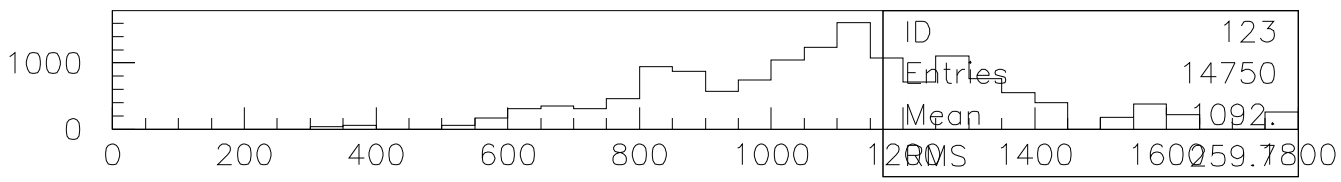


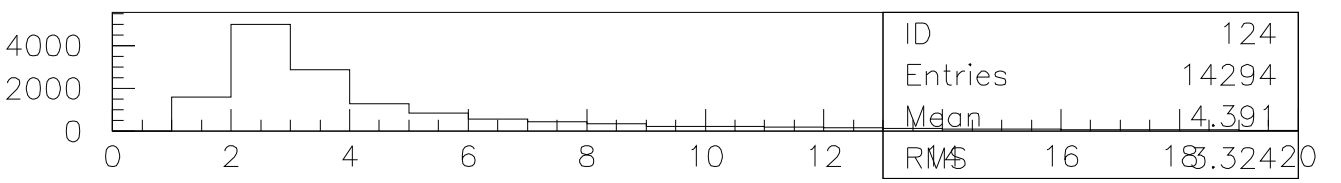
clusters per Sequencer (axial)

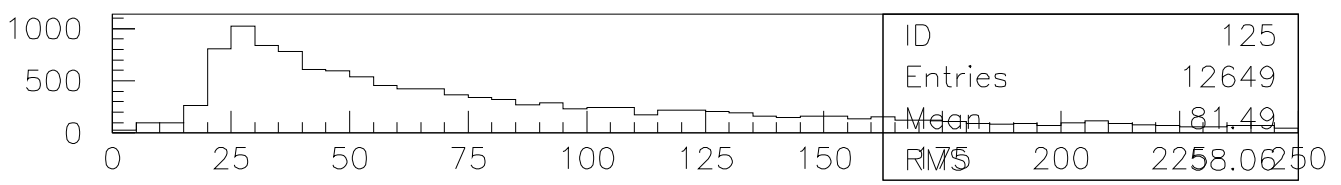

L2STT simulator Clusters Z– tt 2mb 1/00
ID 110
Entries 9267
Mean 3.880
RMS 2.842
4000
3500
3000
2500
2000
1500
1000
500
0
0
2
4
6
8
10
12
14
16
18
20
strips per cluster (axial)



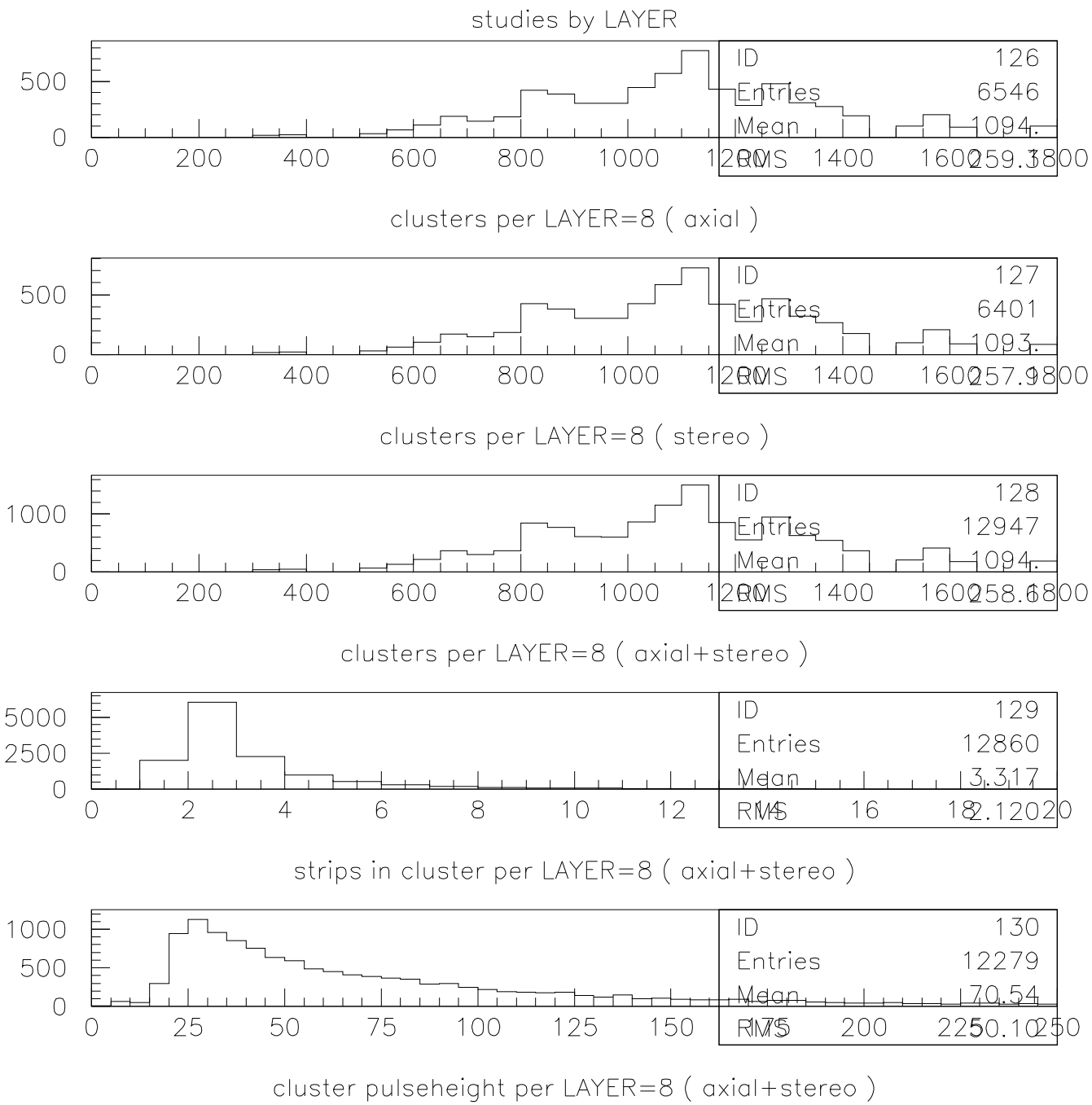








cluster pulseheight per LAYER=1 (axial+stereo)


studies by LAYER
ID 126
Entries 6546
Mean 1094.
RMS 259.3
clusters per LAYER=8 (axial)
ID 127
Entries 6401
Mean 1093.
RMS 257.9
clusters per LAYER=8 (stereo)
ID 128
Entries 12947
Mean 1094.
RMS 258.6
clusters per LAYER=8 (axial+stereo)
ID 129
Entries 12860
Mean 3.317
RMS 2.120
strips in cluster per LAYER=8 (axial+stereo)
ID 130
Entries 12279
Mean 70.54
RMS 50.10
cluster pulseheight per LAYER=8 (axial+stereo)