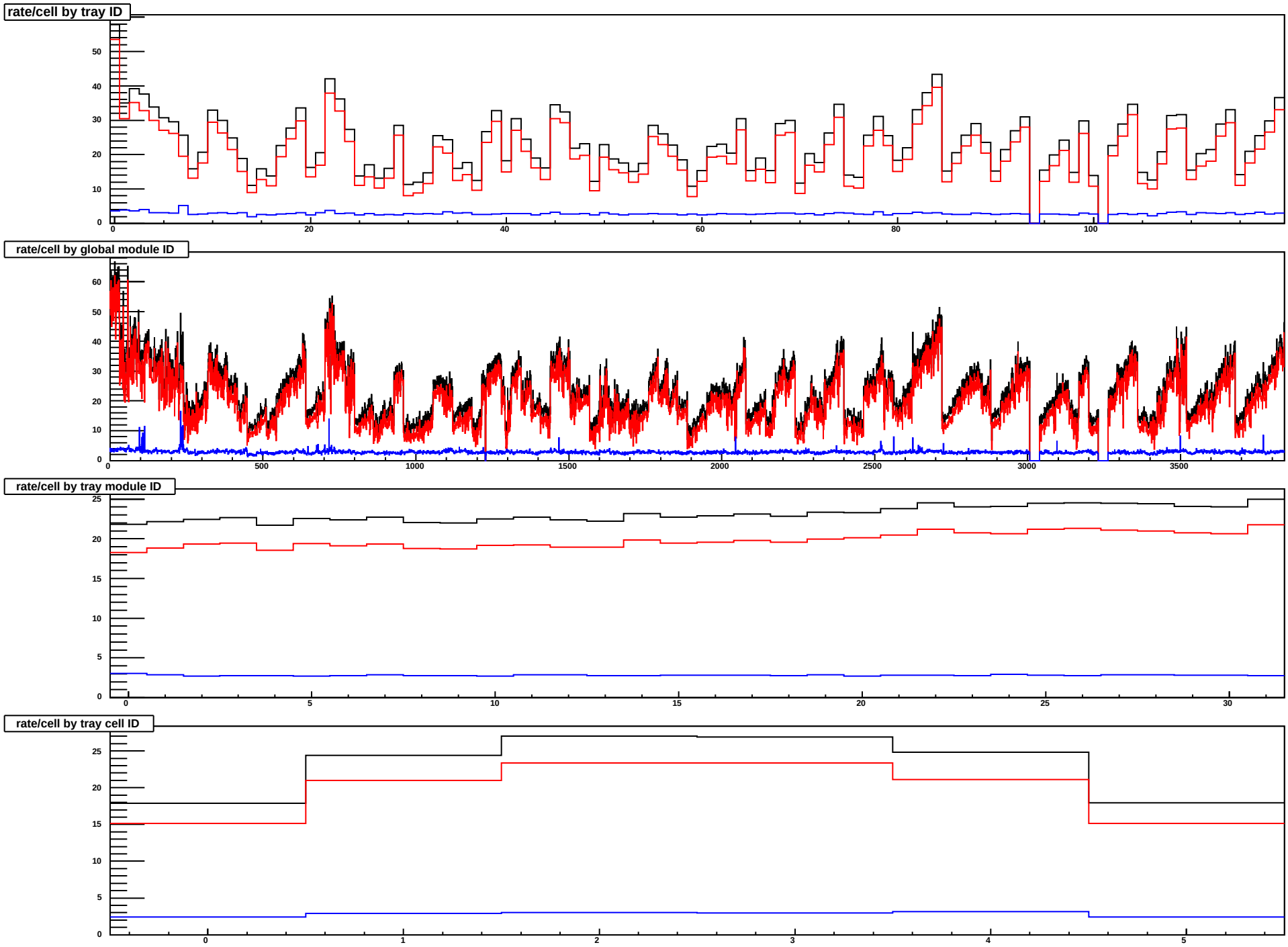
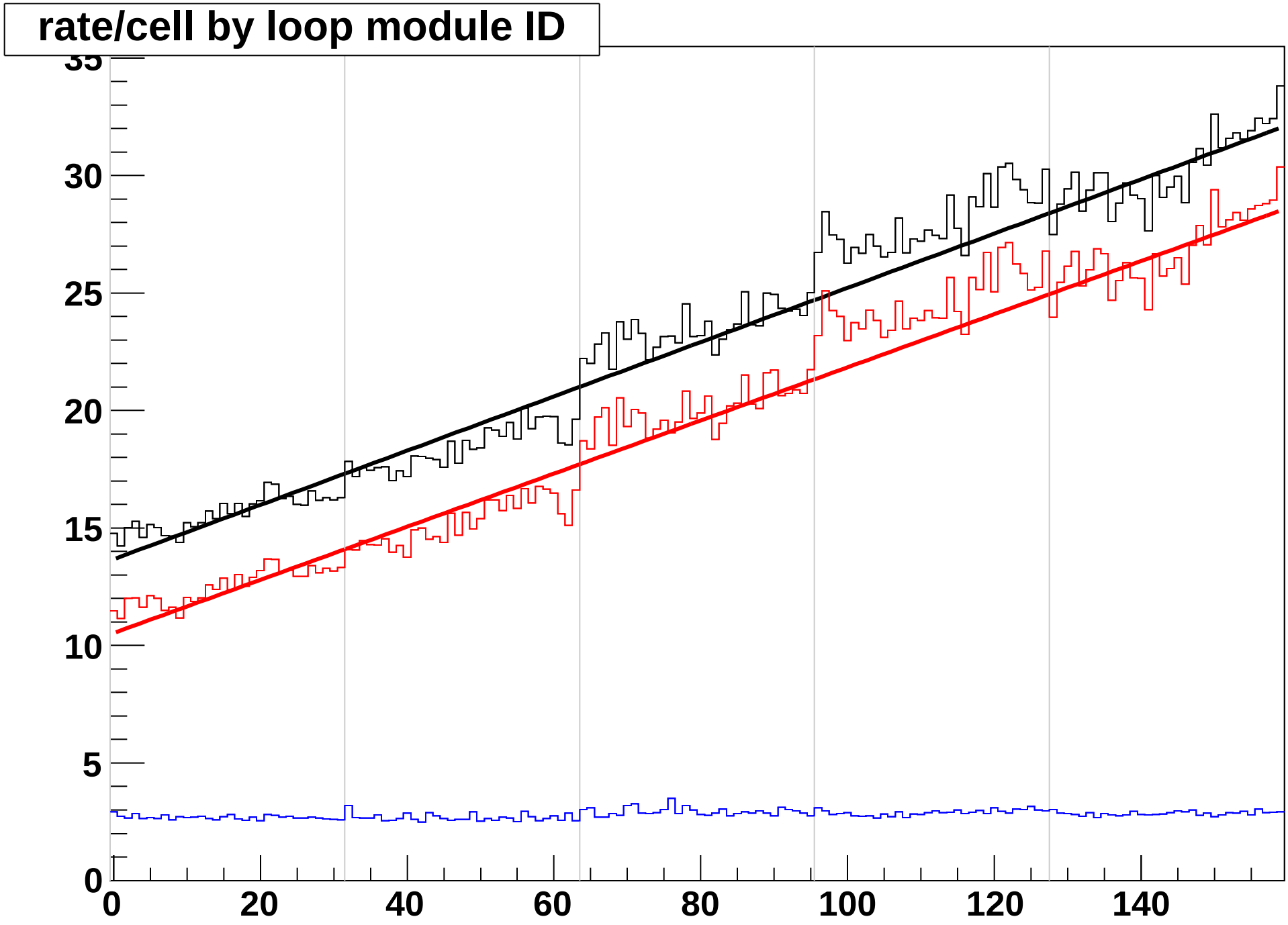
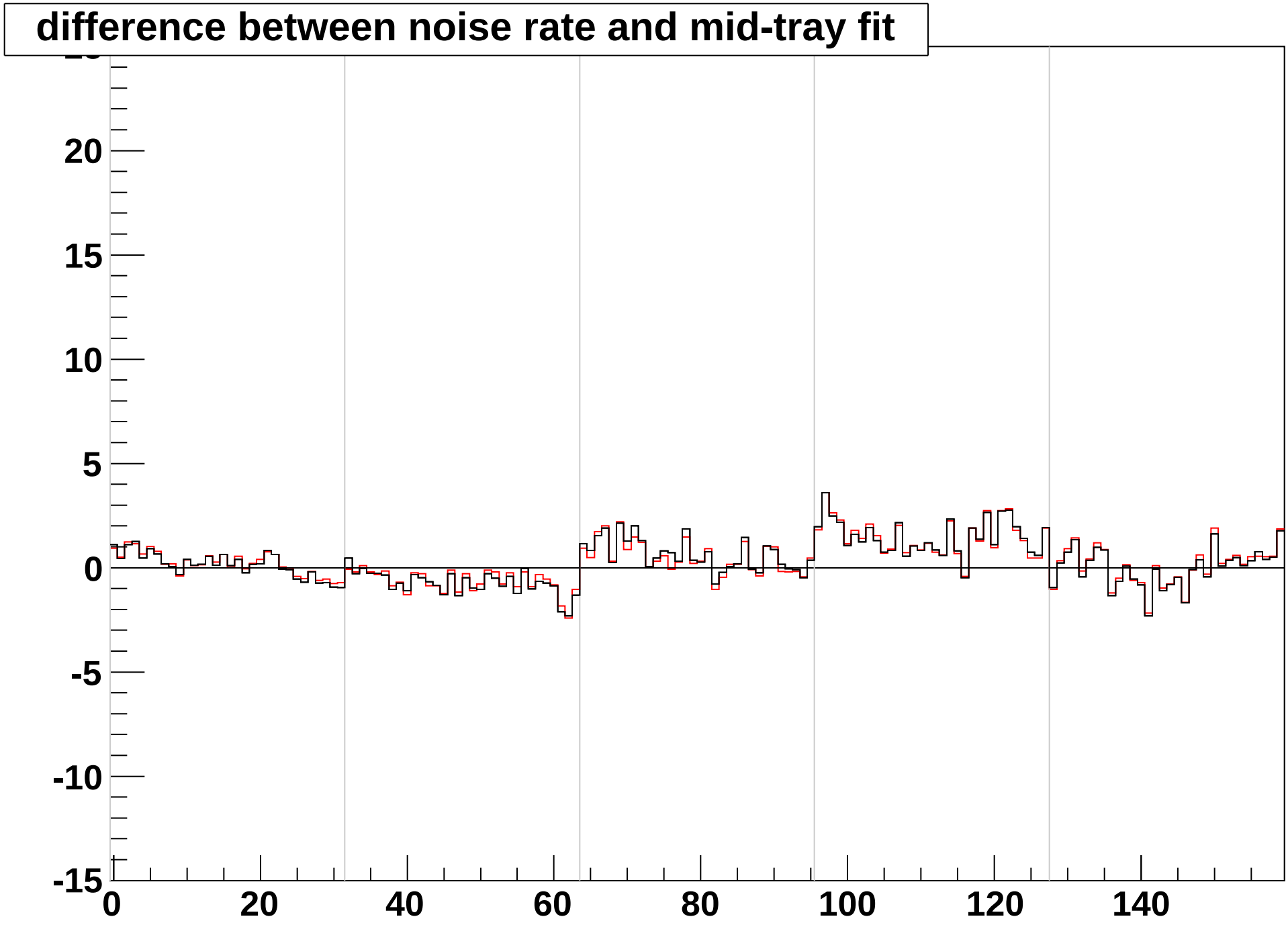
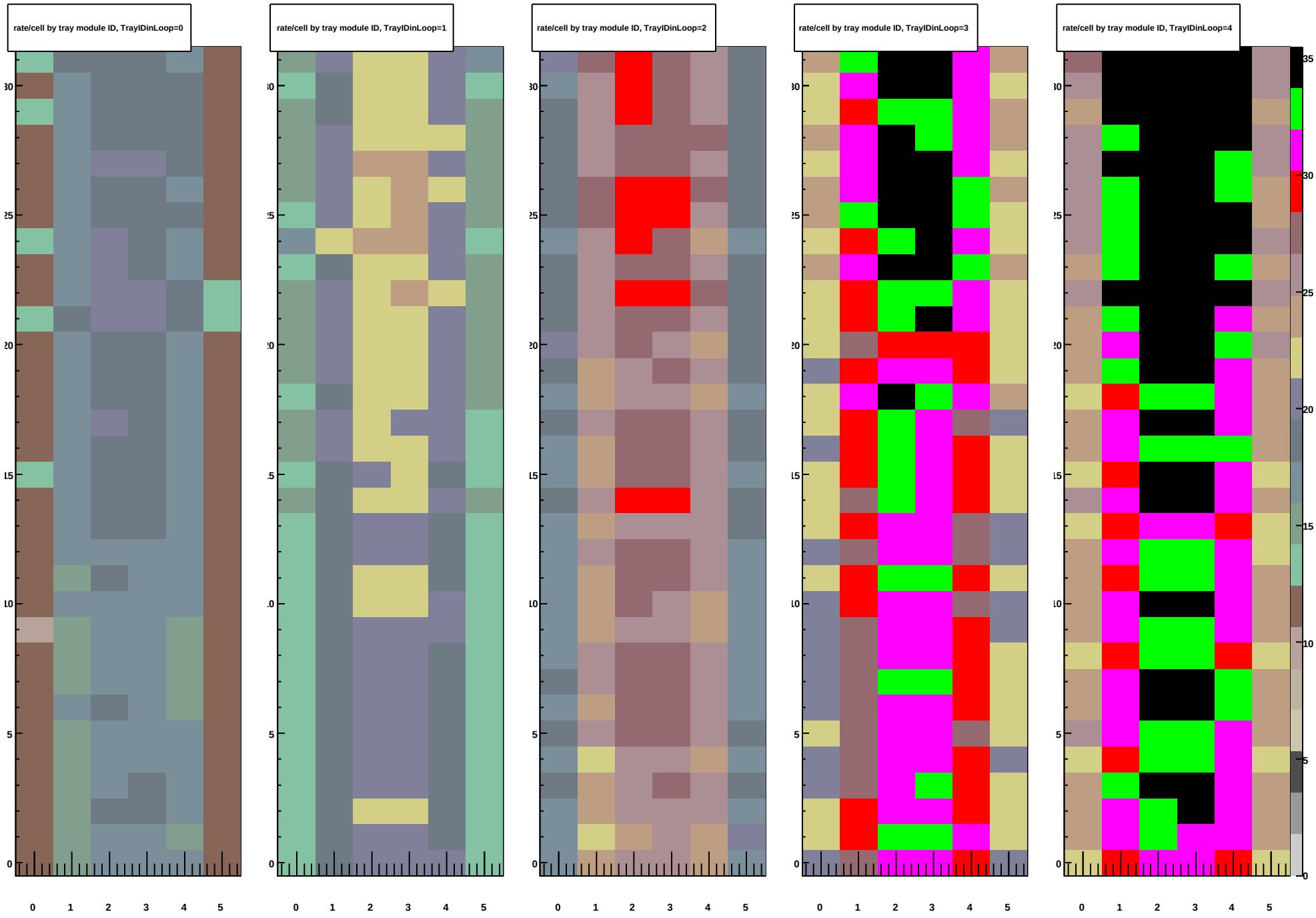
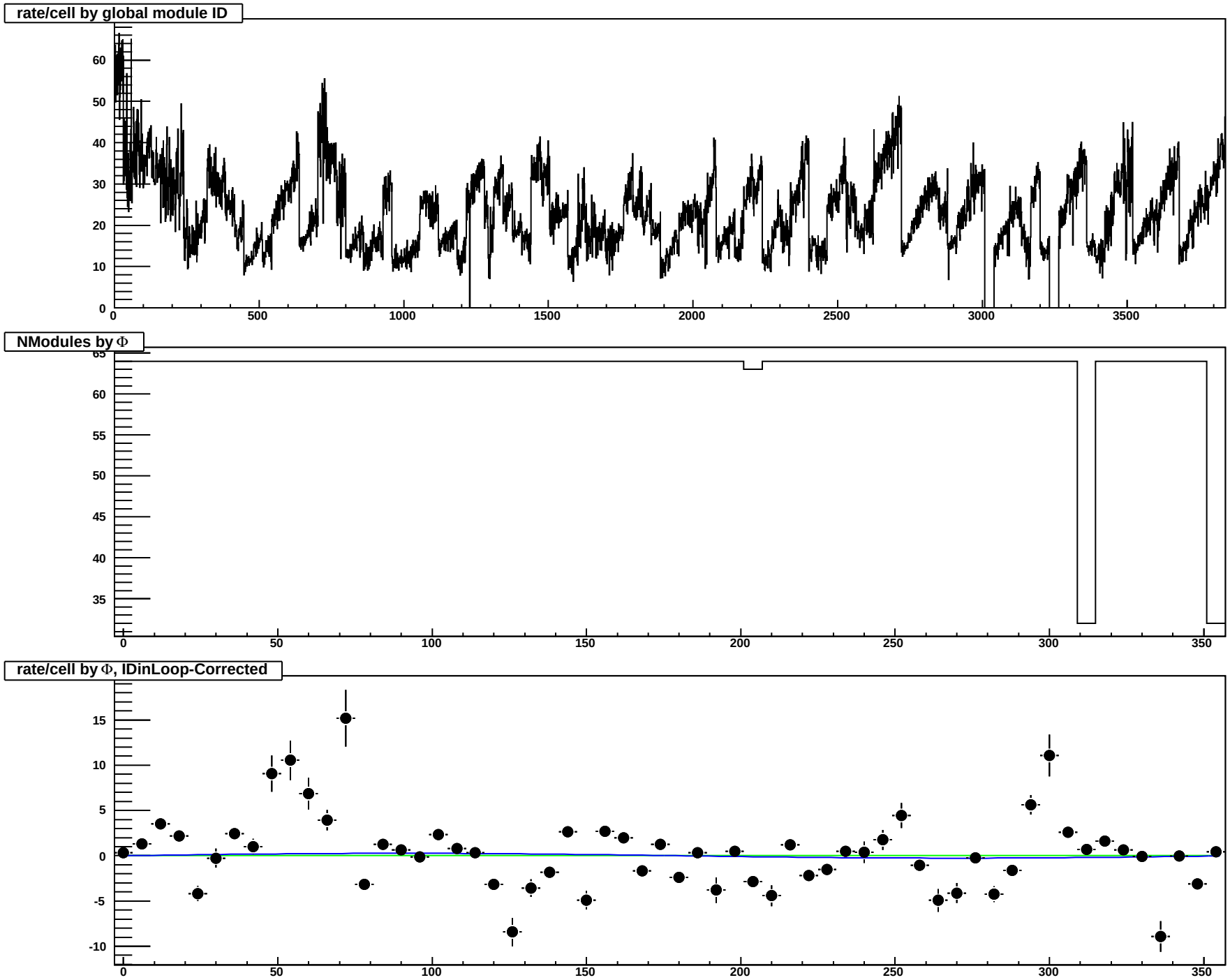
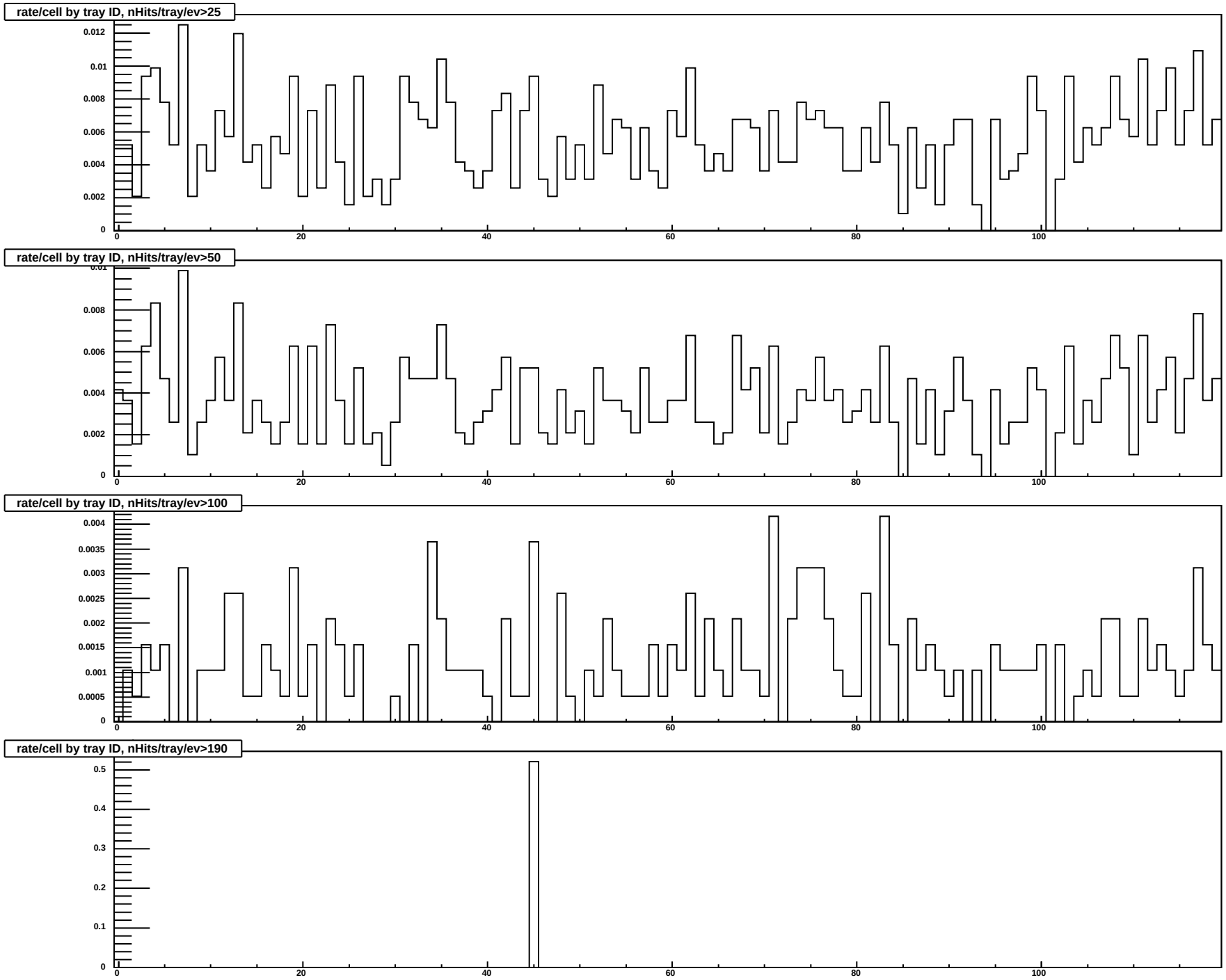

rate/cell by tray ID
rate/cell by global module ID
rate/cell by tray module ID
rate/cell by tray cell ID

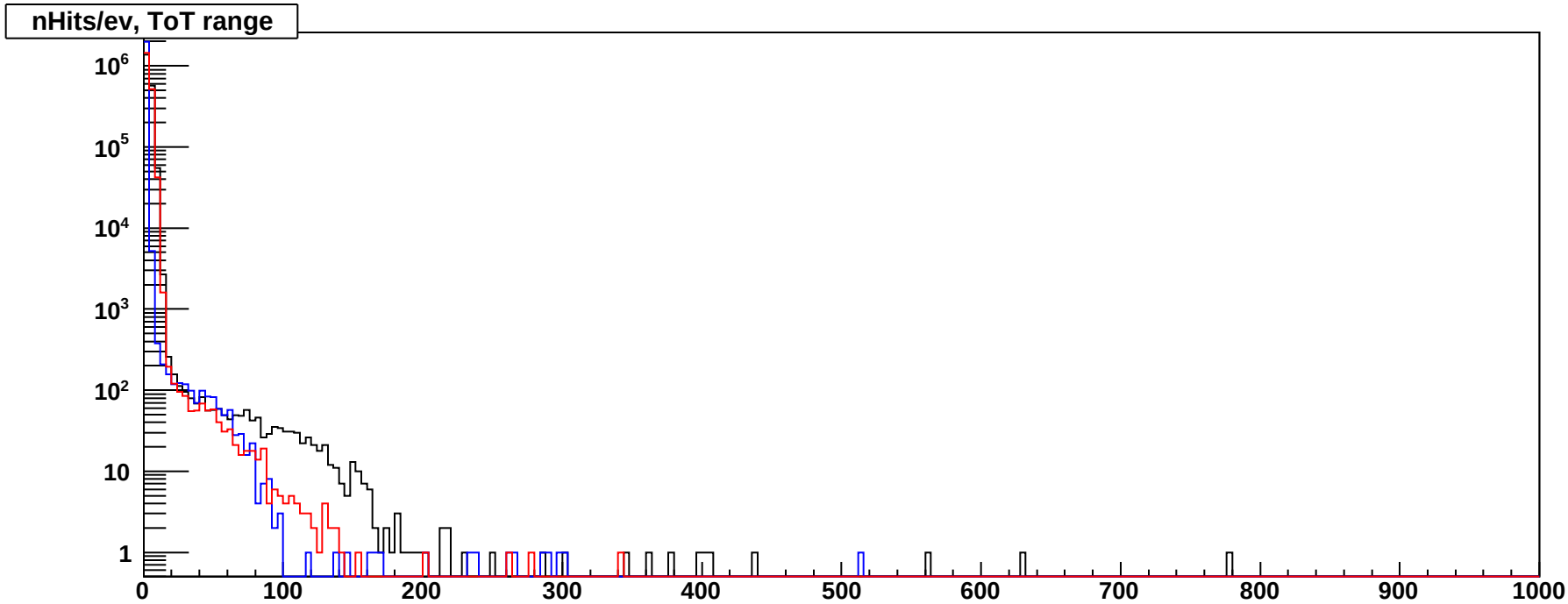

rate/cell by loop module ID
35
30
25
20
15
10
5
0
0
20
40
60
80
100
120
140

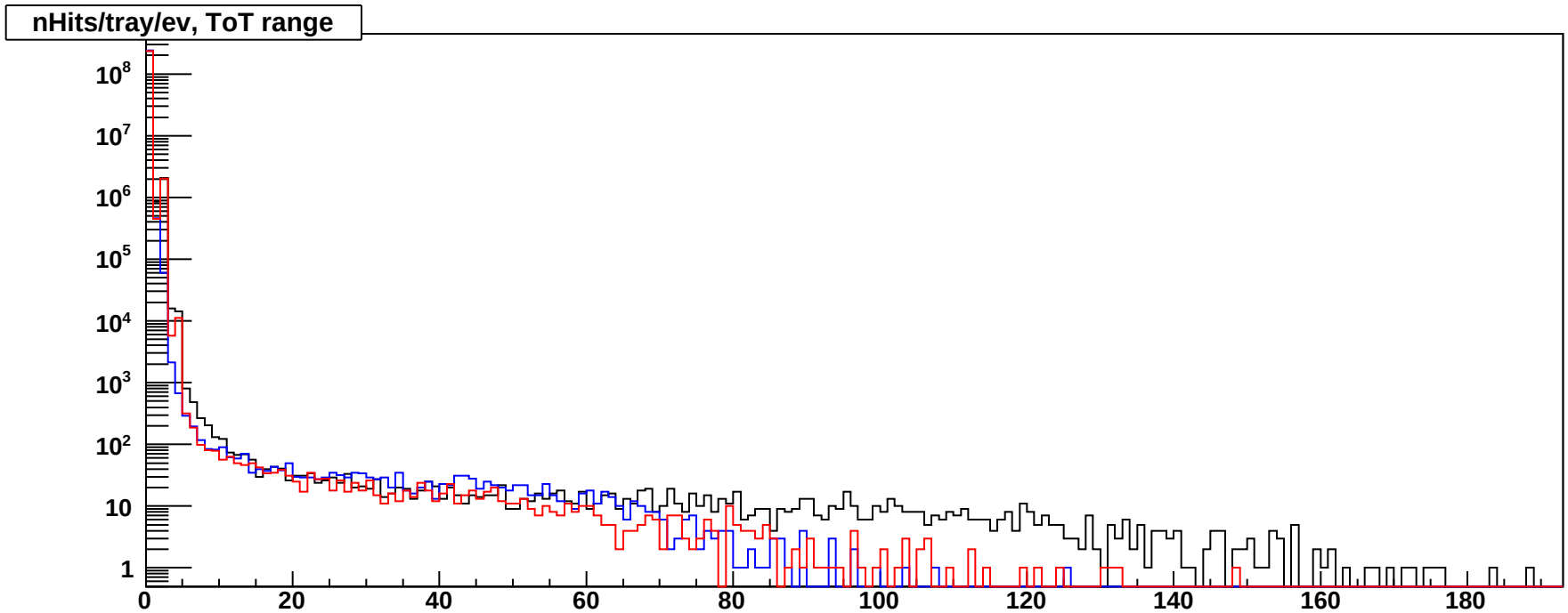

difference between noise rate and mid-tray fit
20
15
10
5
0
-5
-10
-15
0
20
40
60
80
100
120
140

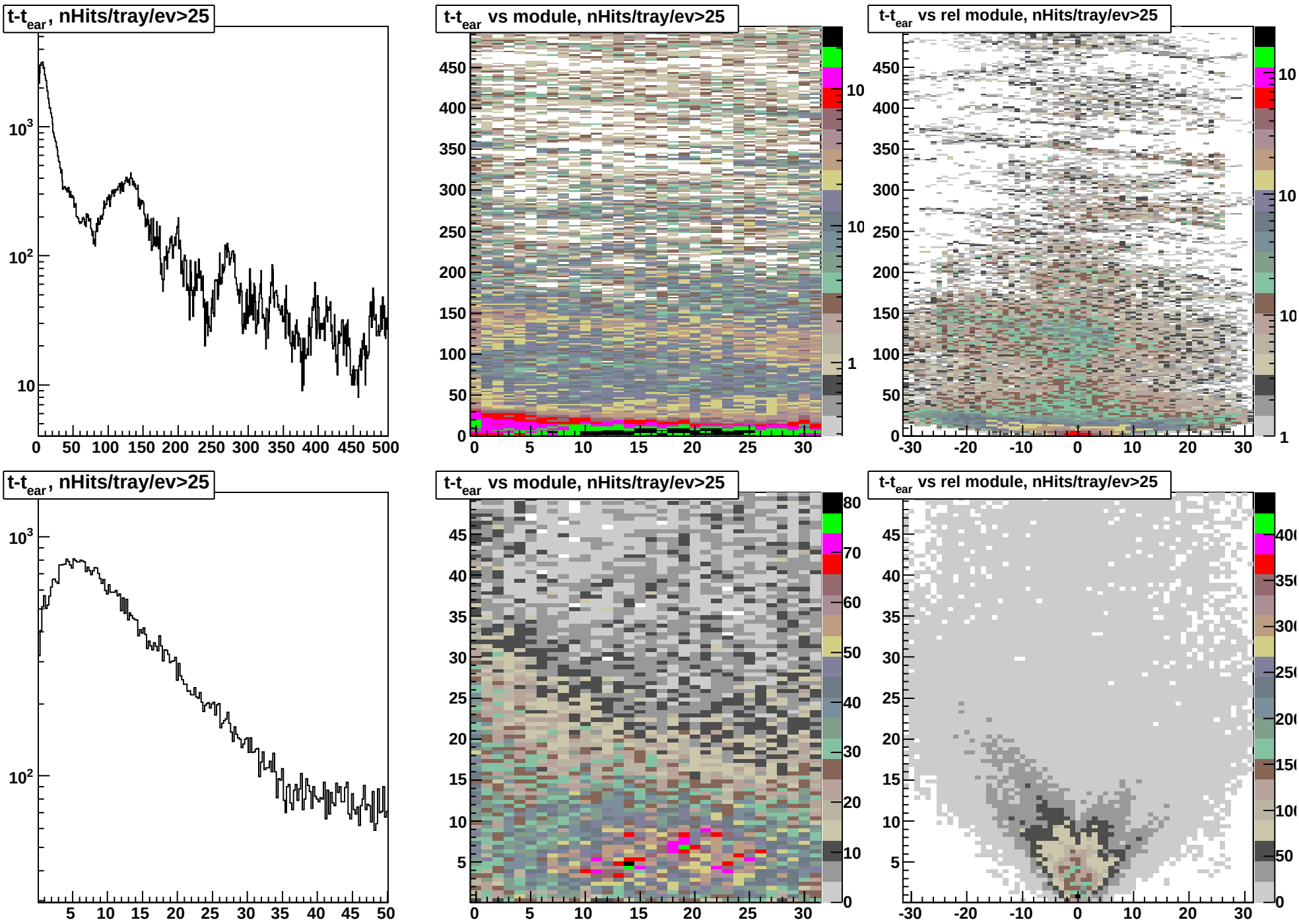

rate/cell by tray module ID, TrayIDinLoop=0
rate/cell by tray module ID, TrayIDinLoop=1
rate/cell by tray module ID, TrayIDinLoop=2
rate/cell by tray module ID, TrayIDinLoop=3
rate/cell by tray module ID, TrayIDinLoop=4
0 1 2 3 4 5
0 5 10 15 20 25 30 35

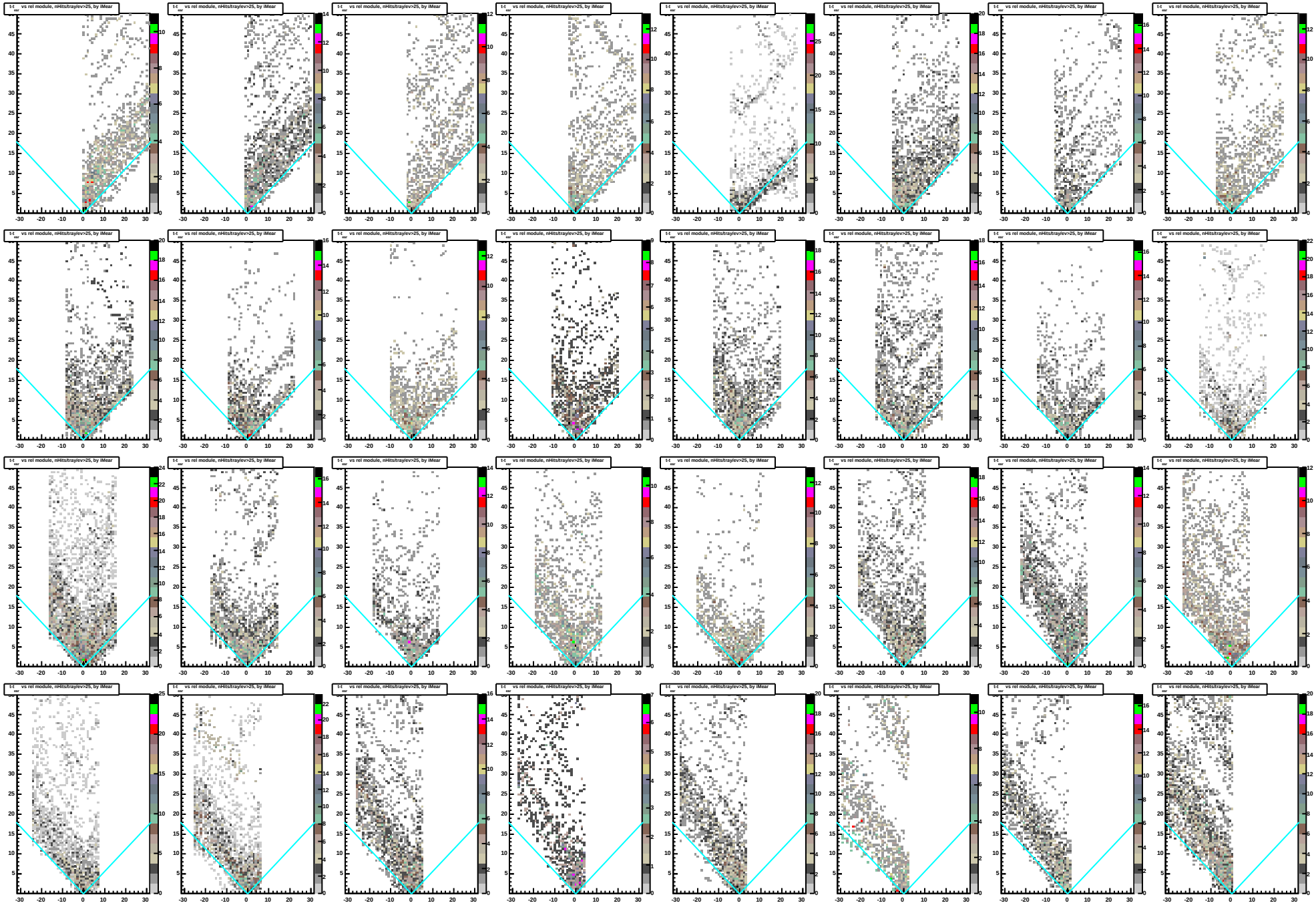

rate/cell by global module ID
NModules by Φ
rate/cell by Φ, IDinLoop-Corrected

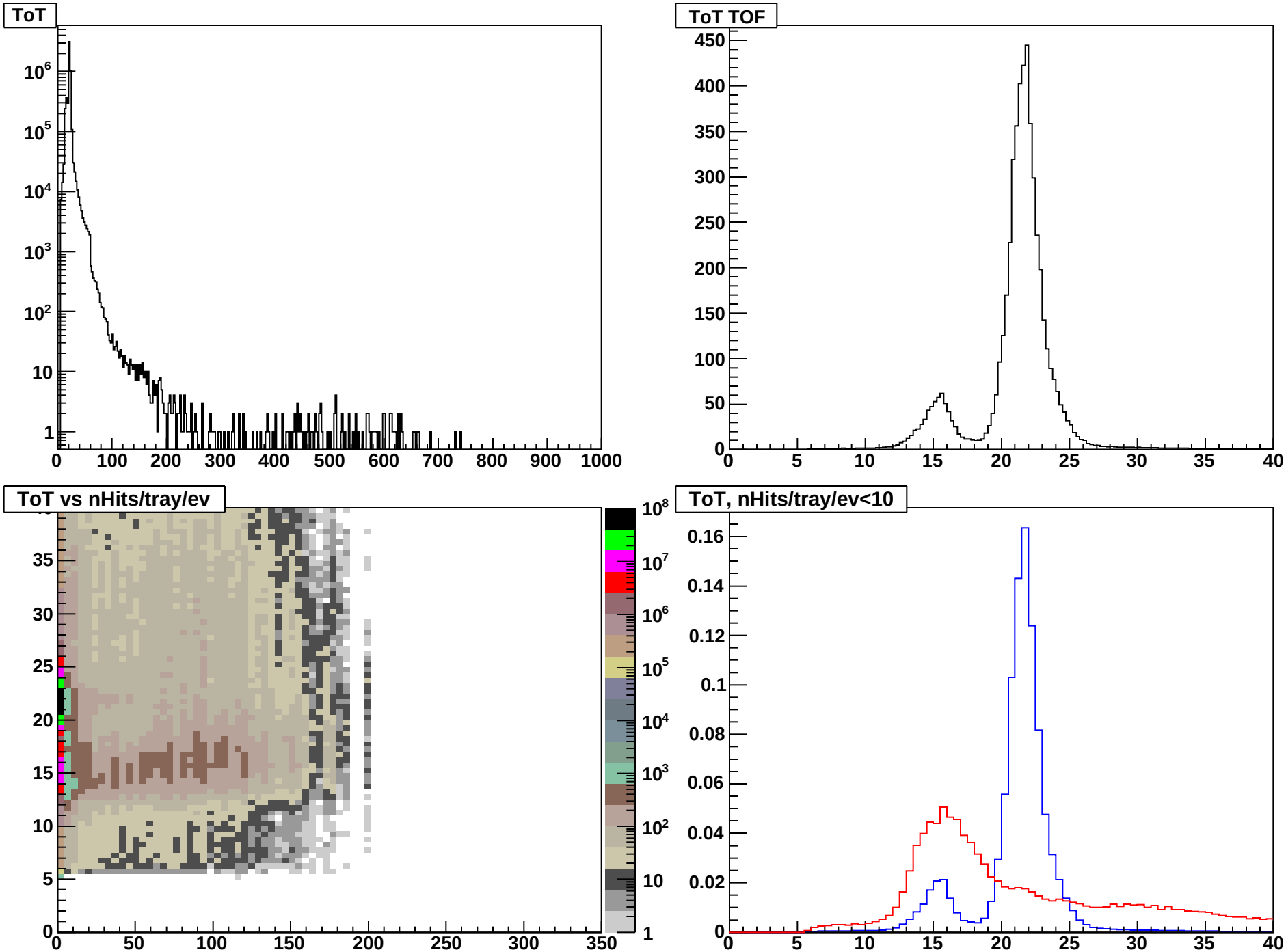

rate/cell by tray ID, nHits/tray/ev>25
0.012
0.01
0.008
0.006
0.004
0.002
0
0
20
40
60
80
100
rate/cell by tray ID, nHits/tray/ev>50
0.01
0.008
0.006
0.004
0.002
0
0
20
40
60
80
100
rate/cell by tray ID, nHits/tray/ev>100
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
0
20
40
60
80
100
rate/cell by tray ID, nHits/tray/ev>190
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
100

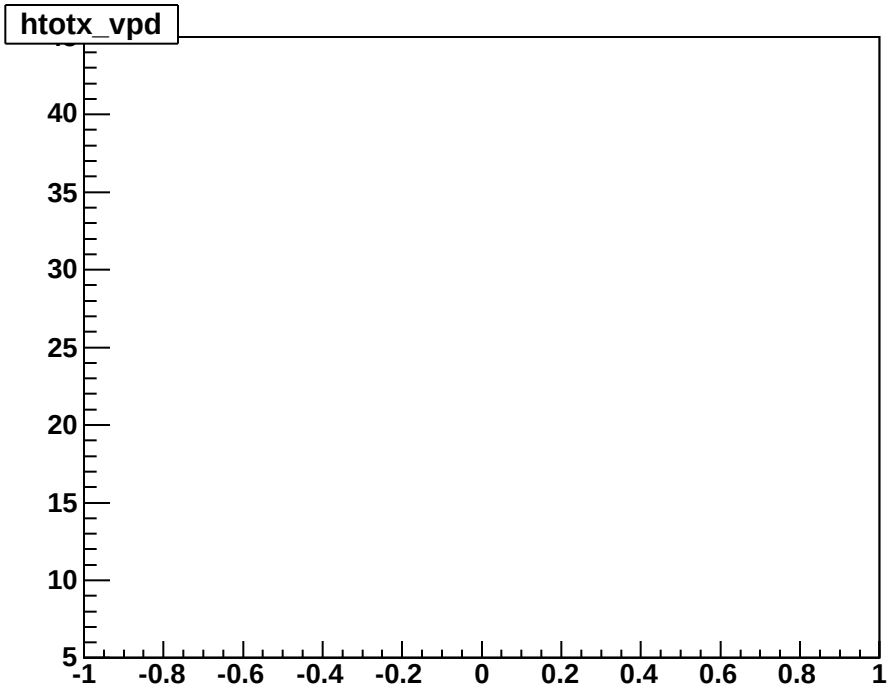

nHits/ev, ToT range
10^6
10^5
10^4
10^3
10^2
10
1
0
100
200
300
400
500
600
700
800
900
1000

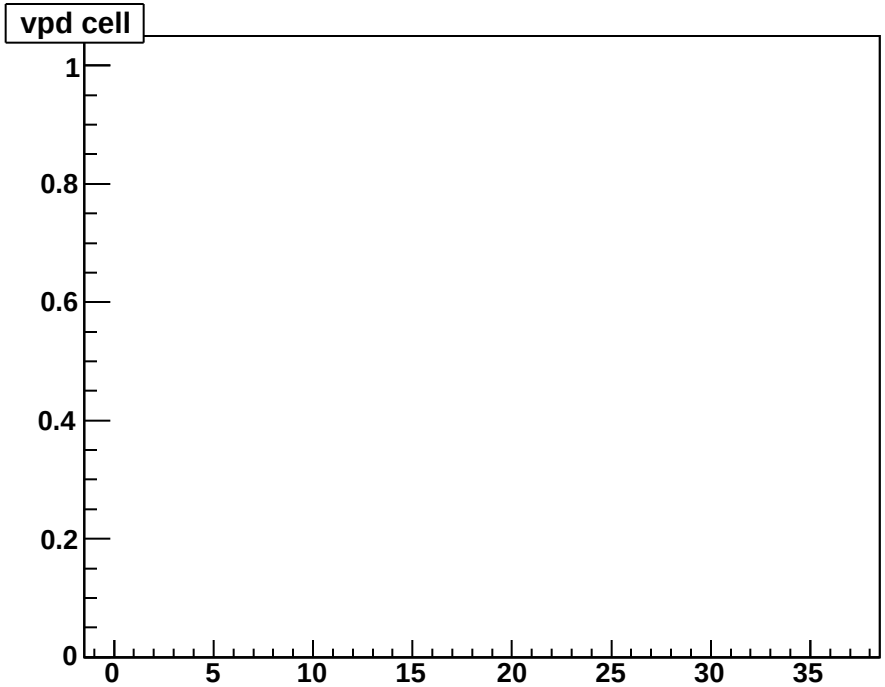

nHits/tray/ev, ToT range
10^8
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
160
180

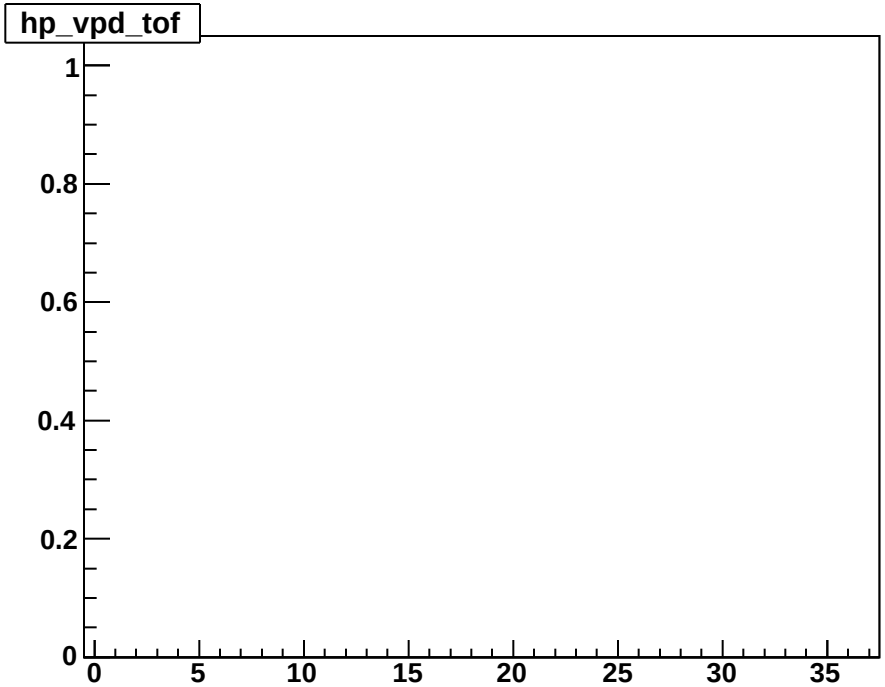

t-t_ear, nHits/tray/ev>25
t-t_ear vs module, nHits/tray/ev>25
t-t_ear vs rel module, nHits/tray/ev>25
t-t_ear, nHits/tray/ev>25
t-t_ear vs module, nHits/tray/ev>25
t-t_ear vs rel module, nHits/tray/ev>25

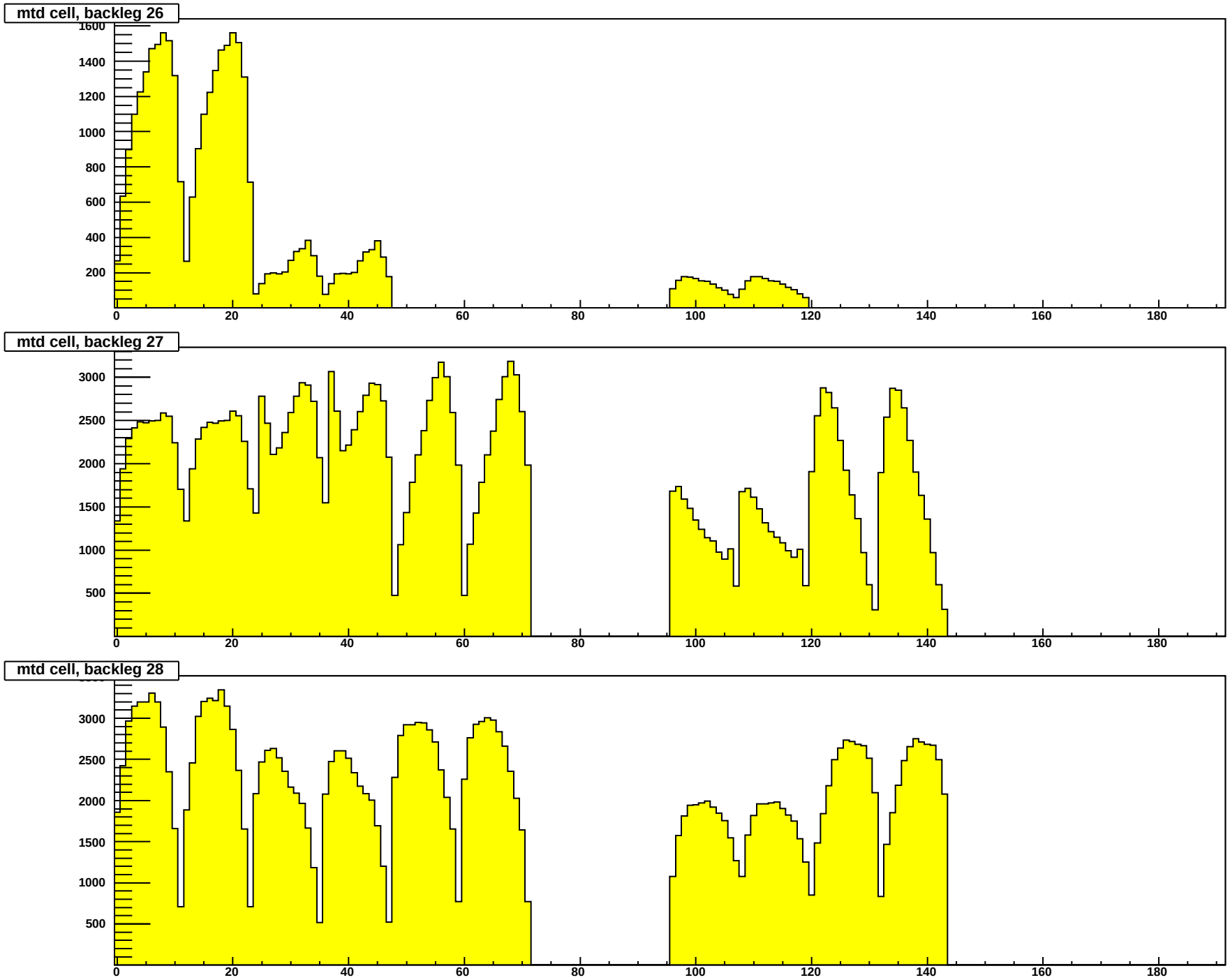

vs rel module, nHits/trayfev>25, by iMear

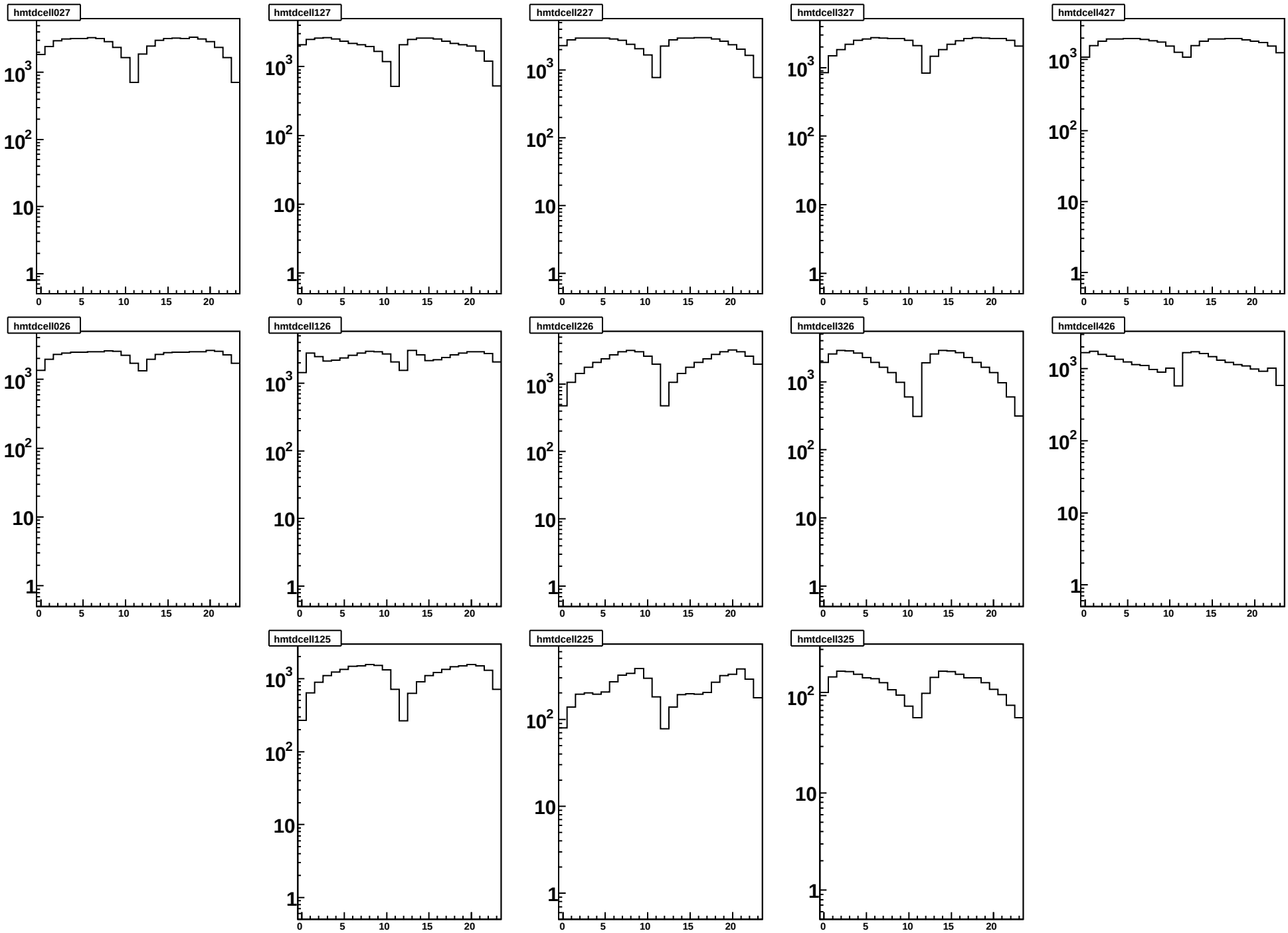

ToT
ToT TOF
ToT vs nHits/tray/ev
ToT, nHits/tray/ev<10

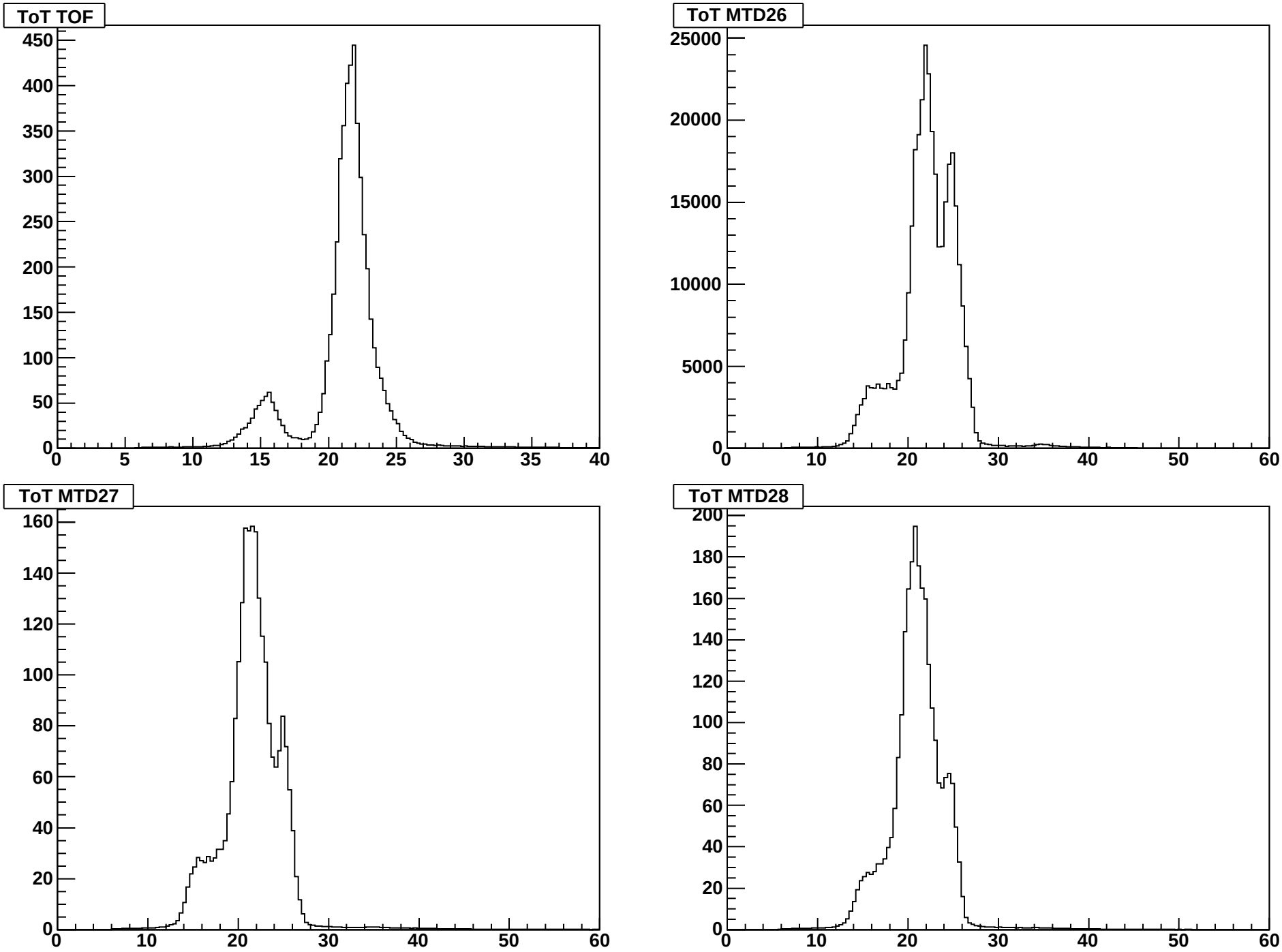

htotx_vpd
40
35
30
25
20
15
10
5
-1
-0.8
-0.6
-0.4
-0.2
0
0.2
0.4
0.6
0.8
1


vpd cell
1
0.8
0.6
0.4
0.2
0
0
5
10
15
20
25
30
35


hp_vpd_tof
1
0.8
0.6
0.4
0.2
0
0
5
10
15
20
25
30
35


mtd cell, backleg 26
1600
1400
1200
1000
800
600
400
200
0
20
40
60
80
100
120
140
160
180
mtd cell, backleg 27
3000
2500
2000
1500
1000
500
0
20
40
60
80
100
120
140
160
180
mtd cell, backleg 28
3000
2500
2000
1500
1000
500
0
20
40
60
80
100
120
140
160
180


hmtdcell027
hmtdcell127
hmtdcell227
hmtdcell327
hmtdcell427
hmtdcell026
hmtdcell126
hmtdcell226
hmtdcell326
hmtdcell426
hmtdcell125
hmtdcell225
hmtdcell325
1
10
10^2
10^3
0
5
10
15
20


ToT TOF
ToT MTD26
ToT MTD27
ToT MTD28