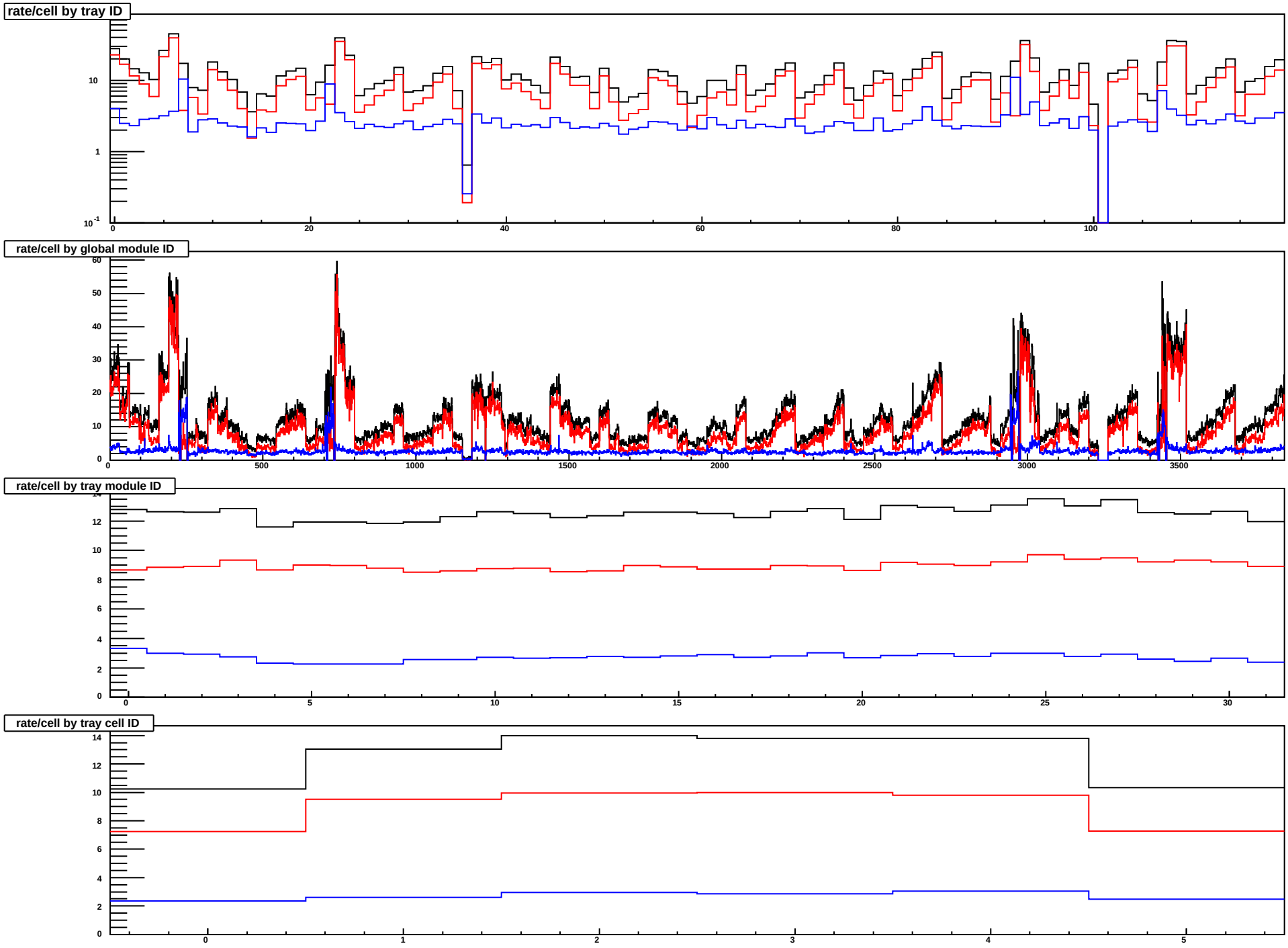
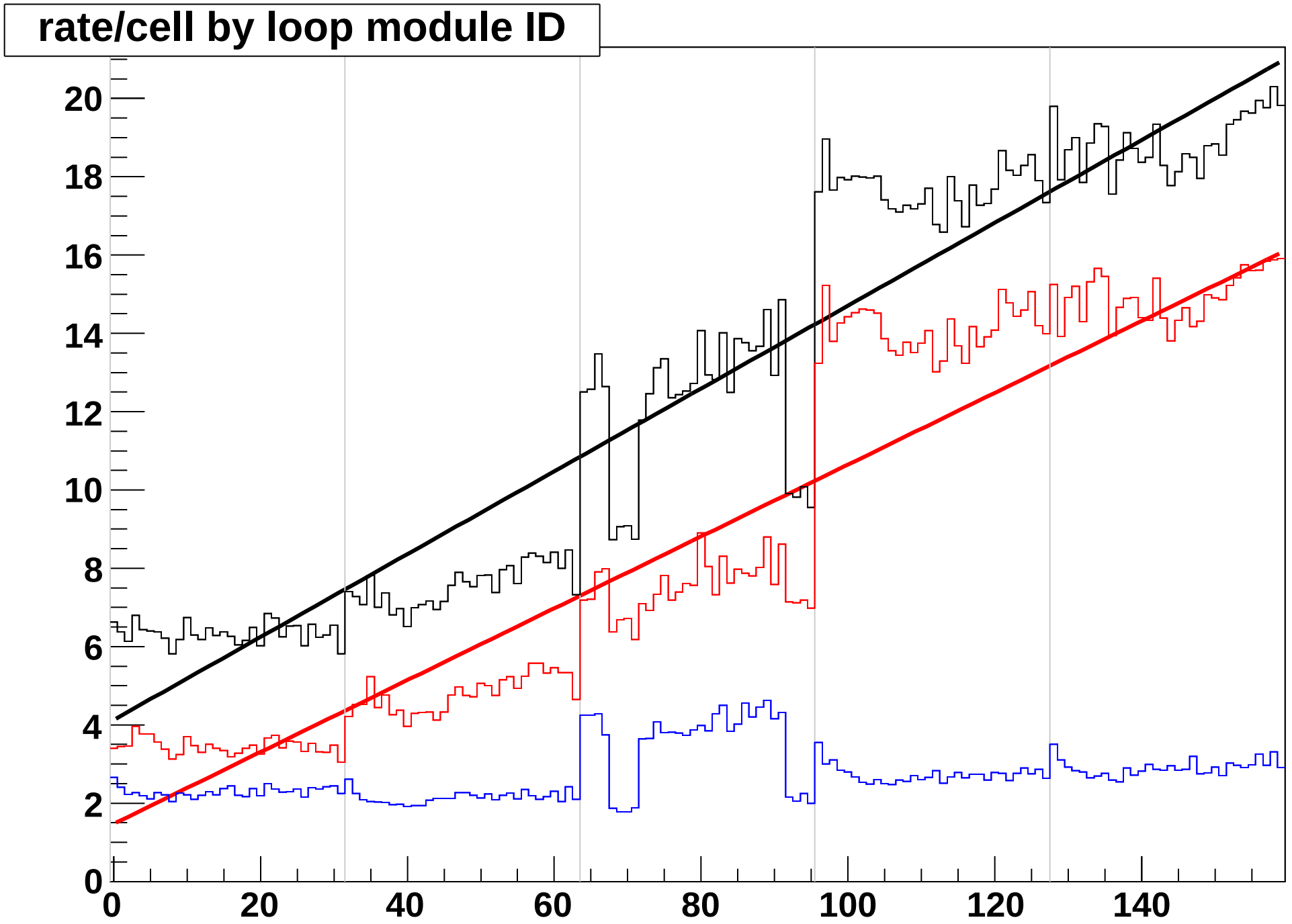
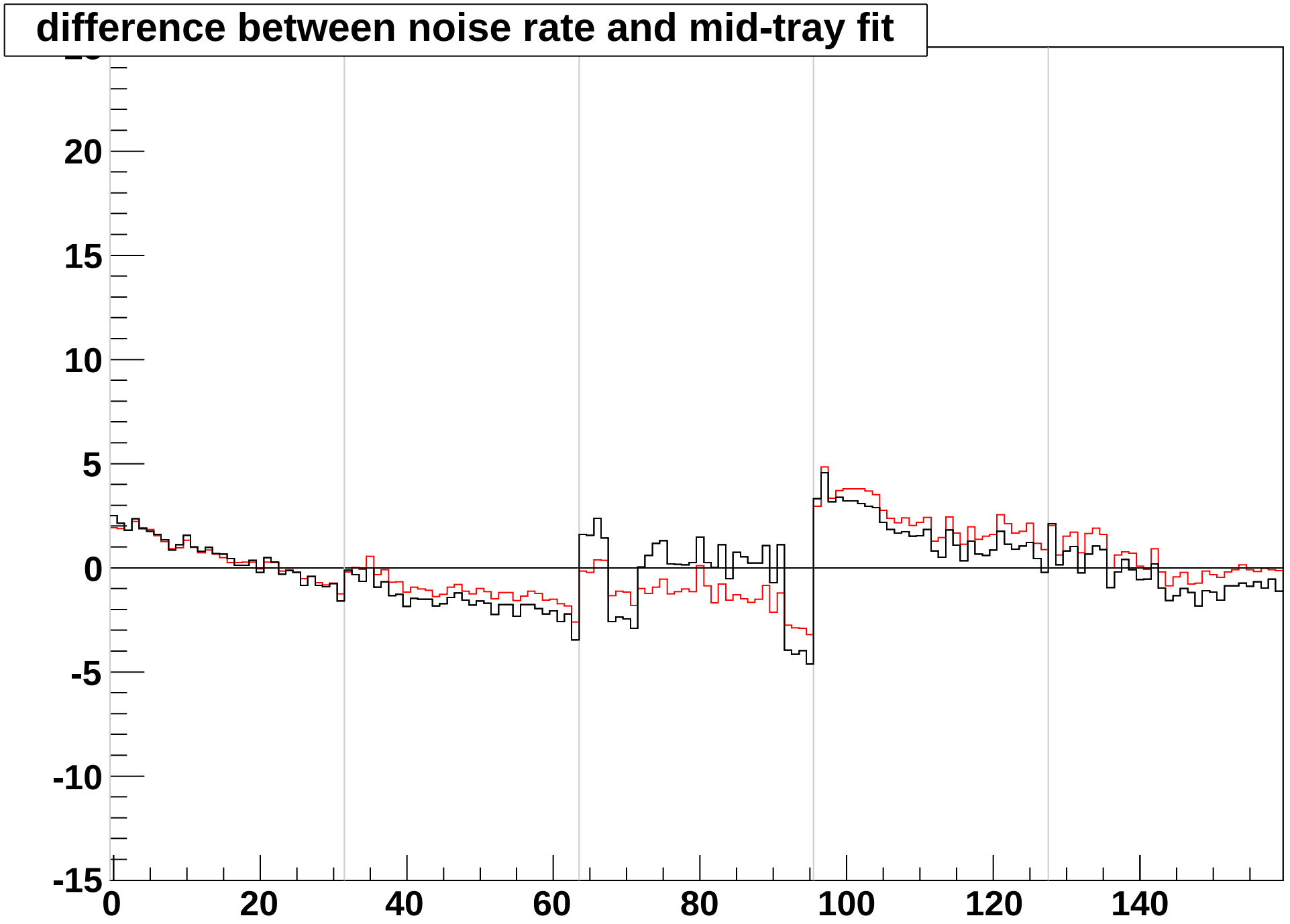
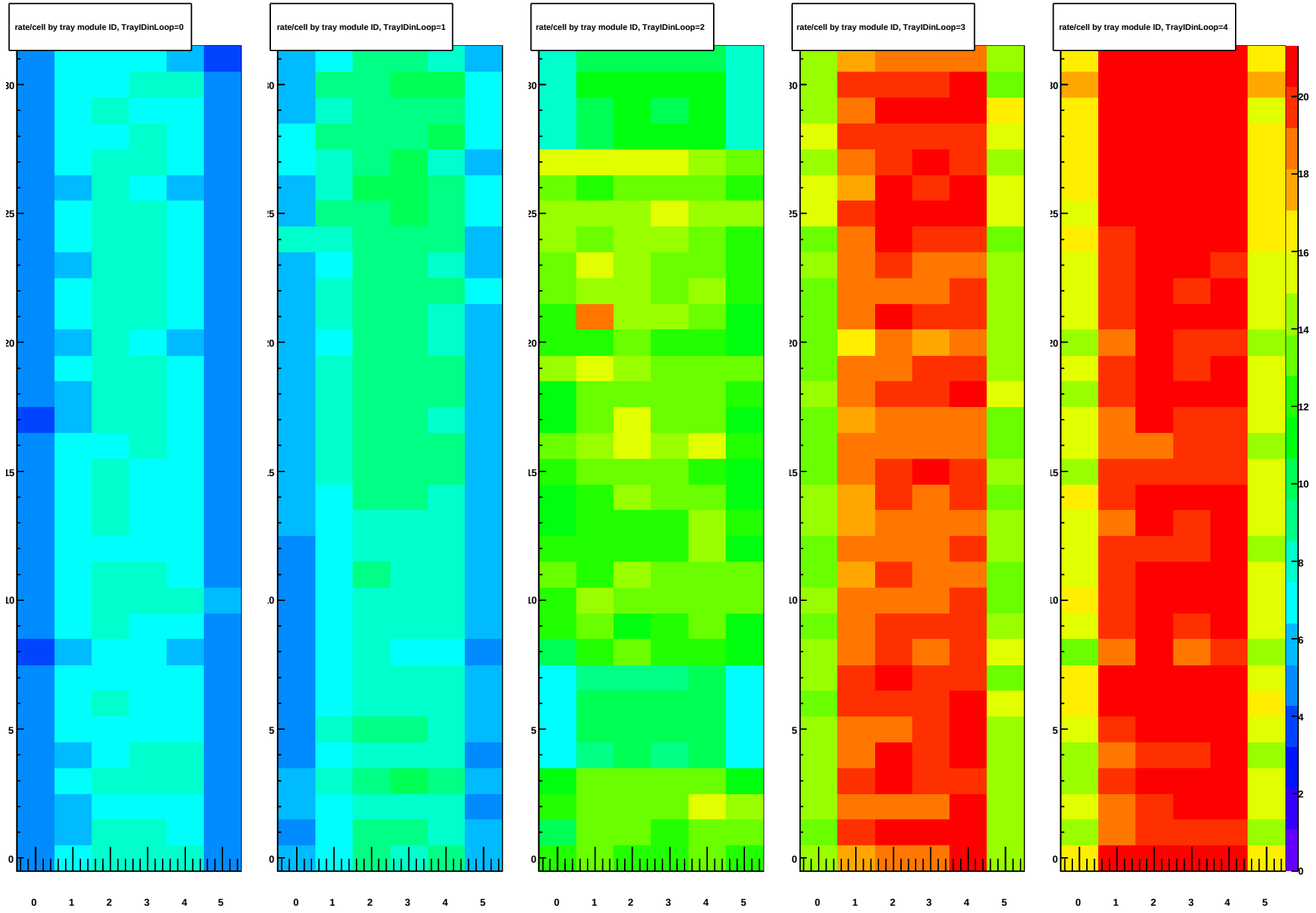
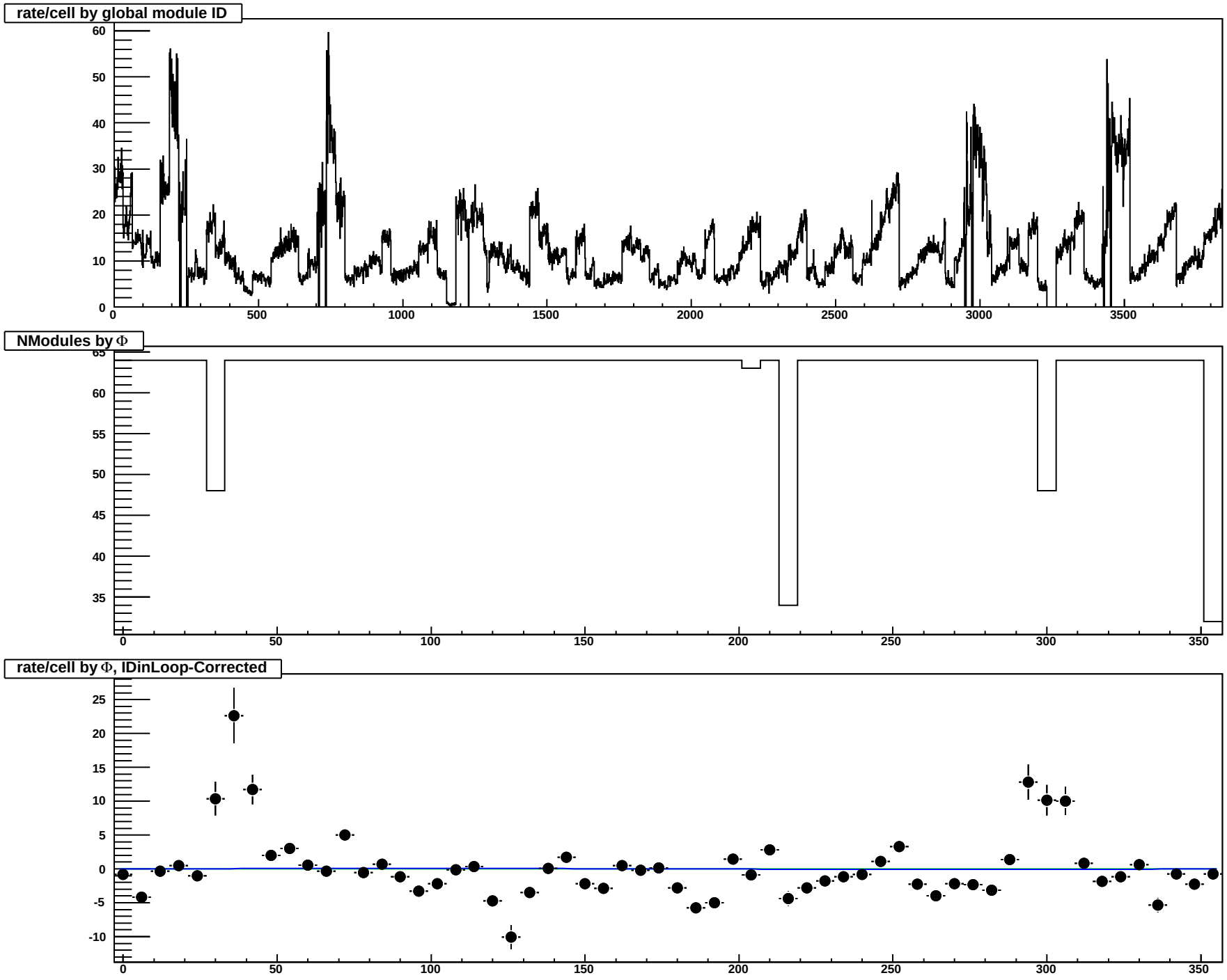
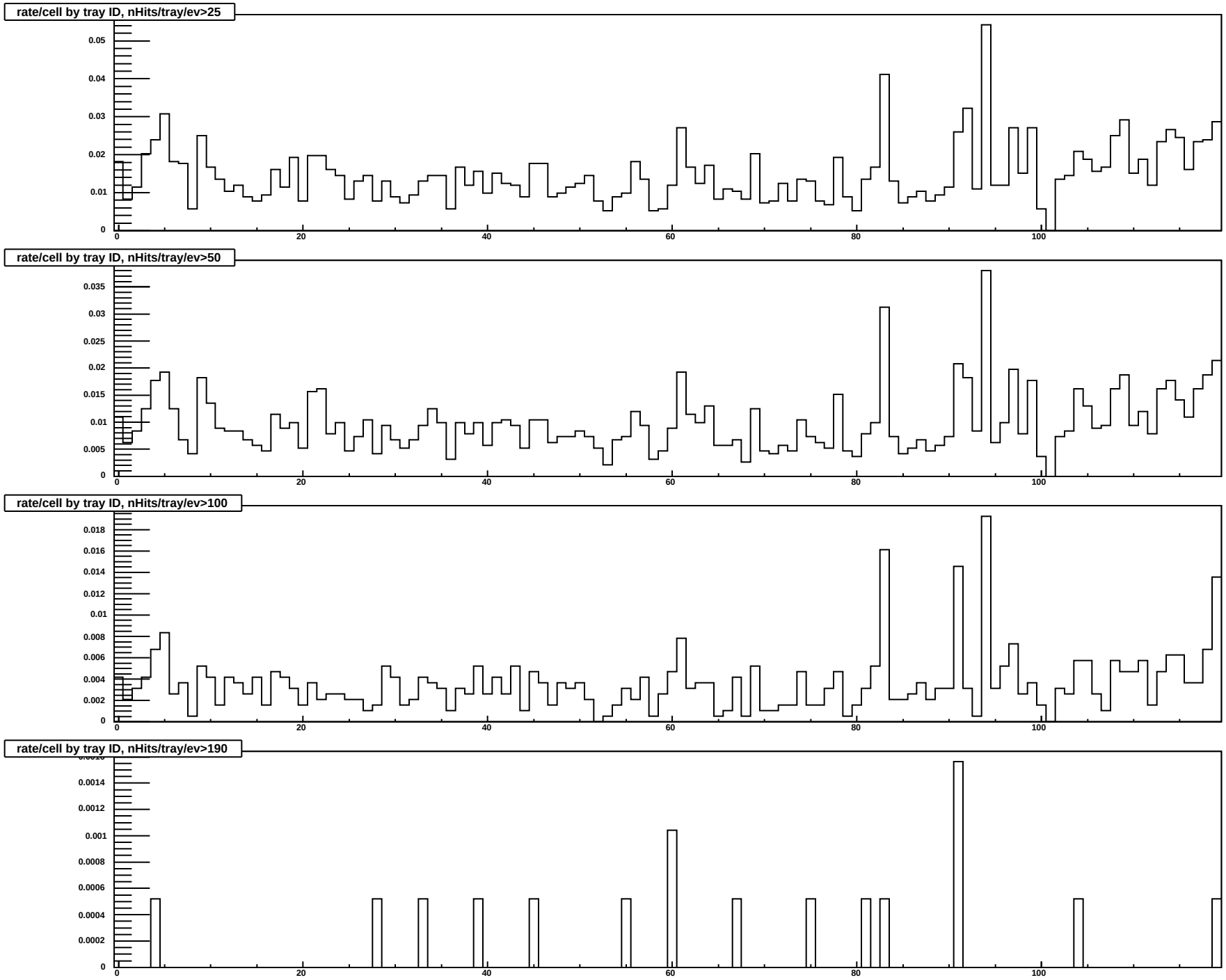

rate/cell by tray ID
rate/cell by global module ID
rate/cell by tray module ID
rate/cell by tray cell ID

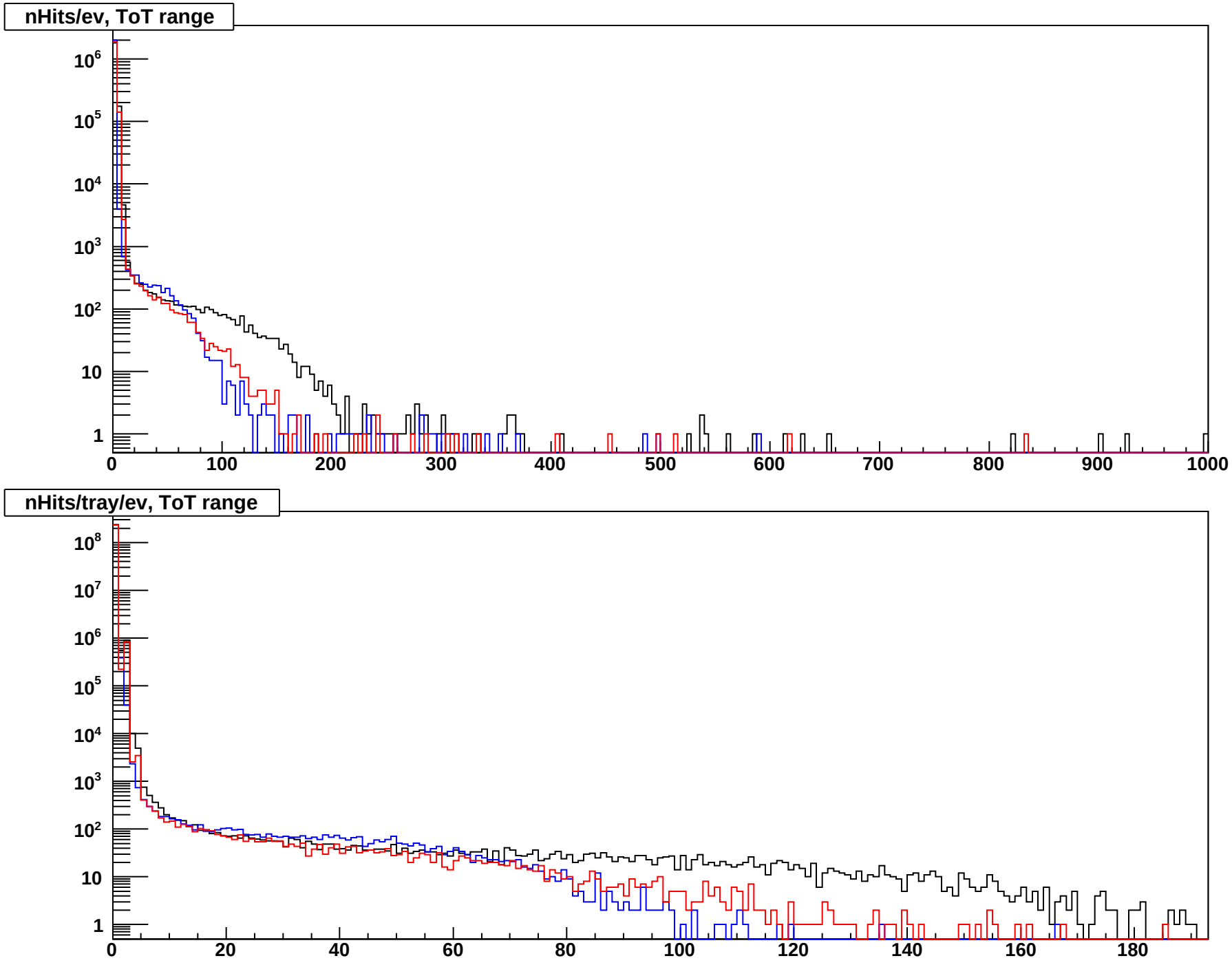

rate/cell by loop module ID
0
2
4
6
8
10
12
14
16
18
20
0
20
40
60
80
100
120
140

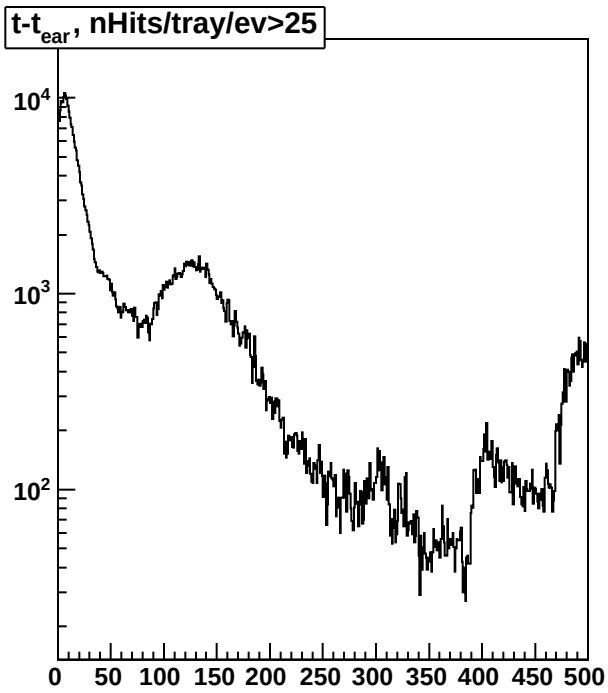

difference between noise rate and mid-tray fit
20
15
10
5
0
-5
-10
-15
0
20
40
60
80
100
120
140

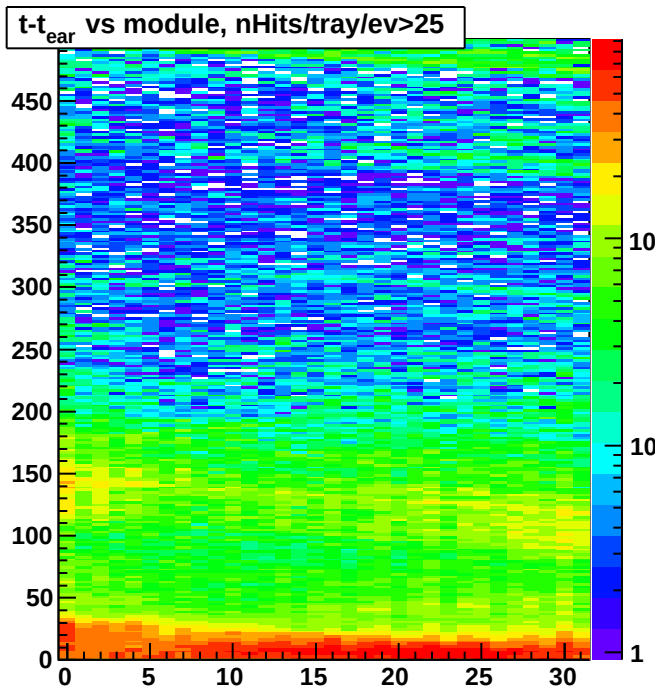

rate/cell by tray module ID, TrayIDinLoop=0
rate/cell by tray module ID, TrayIDinLoop=1
rate/cell by tray module ID, TrayIDinLoop=2
rate/cell by tray module ID, TrayIDinLoop=3
rate/cell by tray module ID, TrayIDinLoop=4
0 5 10 15 20 25 30
0 1 2 3 4 5
0 2 4 6 8 10 12 14 16 18 20

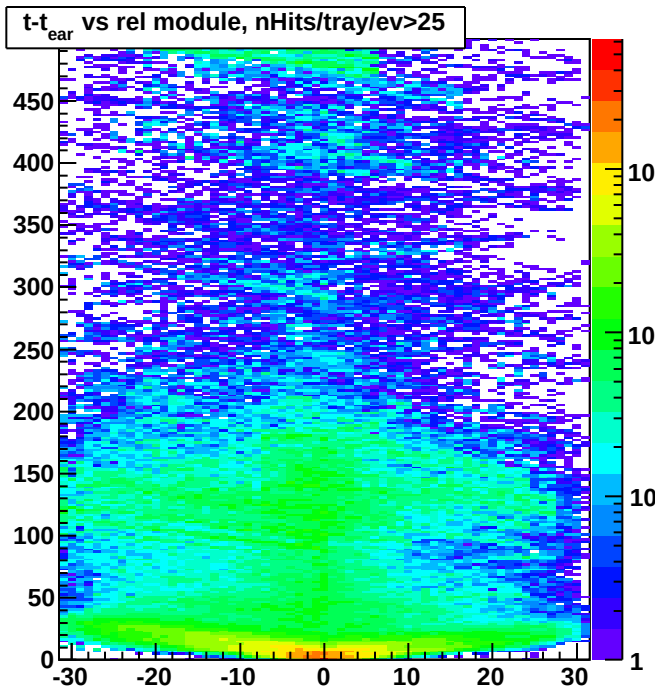

rate/cell by global module ID
0
10
20
30
40
50
60
0
500
1000
1500
2000
2500
3000
3500
NModules by Φ
35
40
45
50
55
60
65
0
50
100
150
200
250
300
350
rate/cell by Φ, IDinLoop-Corrected
-10
-5
0
5
10
15
20
25
0
50
100
150
200
250
300
350

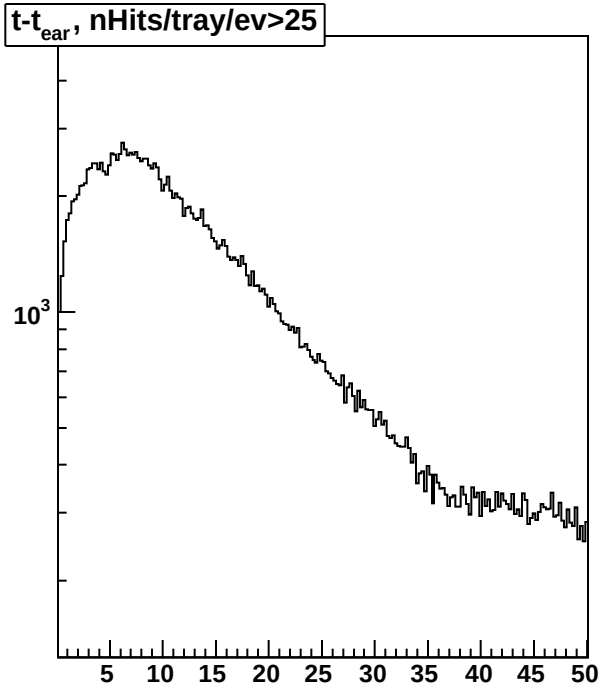

rate/cell by tray ID, nHits/tray/ev>25
0.05
0.04
0.03
0.02
0.01
0
0
20
40
60
80
100
rate/cell by tray ID, nHits/tray/ev>50
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
0
20
40
60
80
100
rate/cell by tray ID, nHits/tray/ev>100
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
0
20
40
60
80
100
rate/cell by tray ID, nHits/tray/ev>190
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
0
20
40
60
80
100

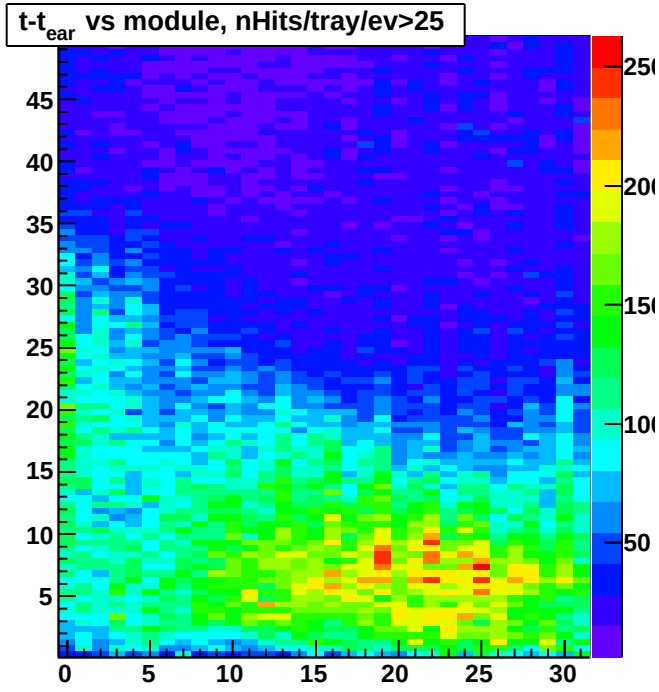

nHits/ev, ToT range
10^6
10^5
10^4
10^3
10^2
10
1
0
100
200
300
400
500
600
700
800
900
1000
nHits/tray/ev, ToT range
10^8
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
160
180

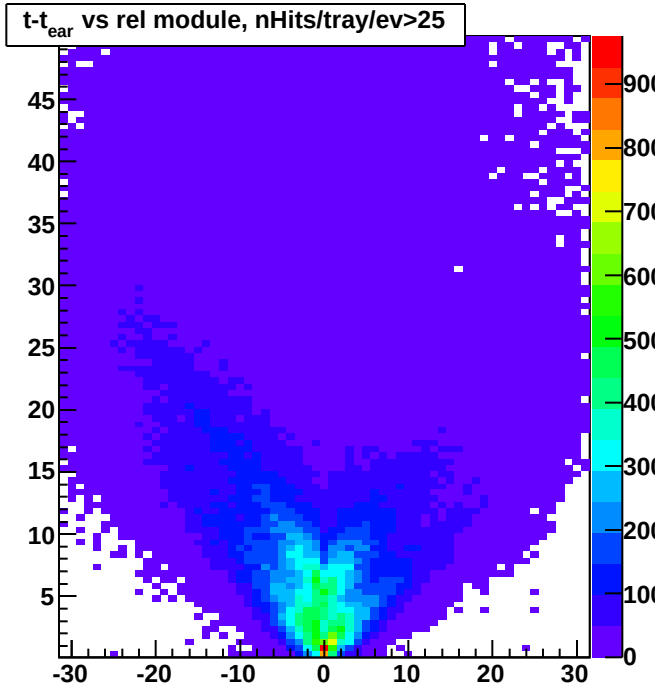

t-t$_{ear}$, nHits/tray/ev>25

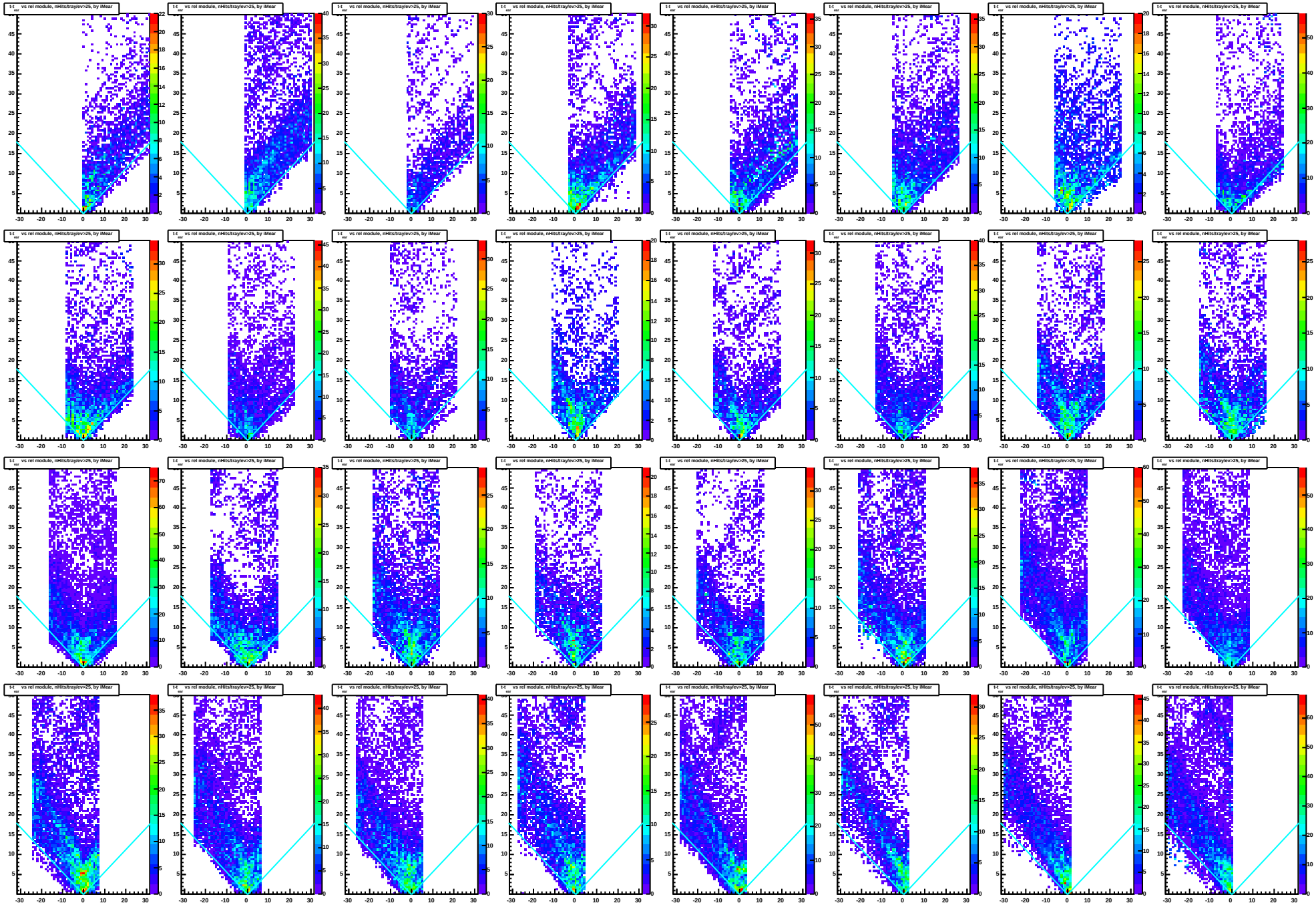

t-t$_{ear}$ vs module, nHits/tray/ev>25

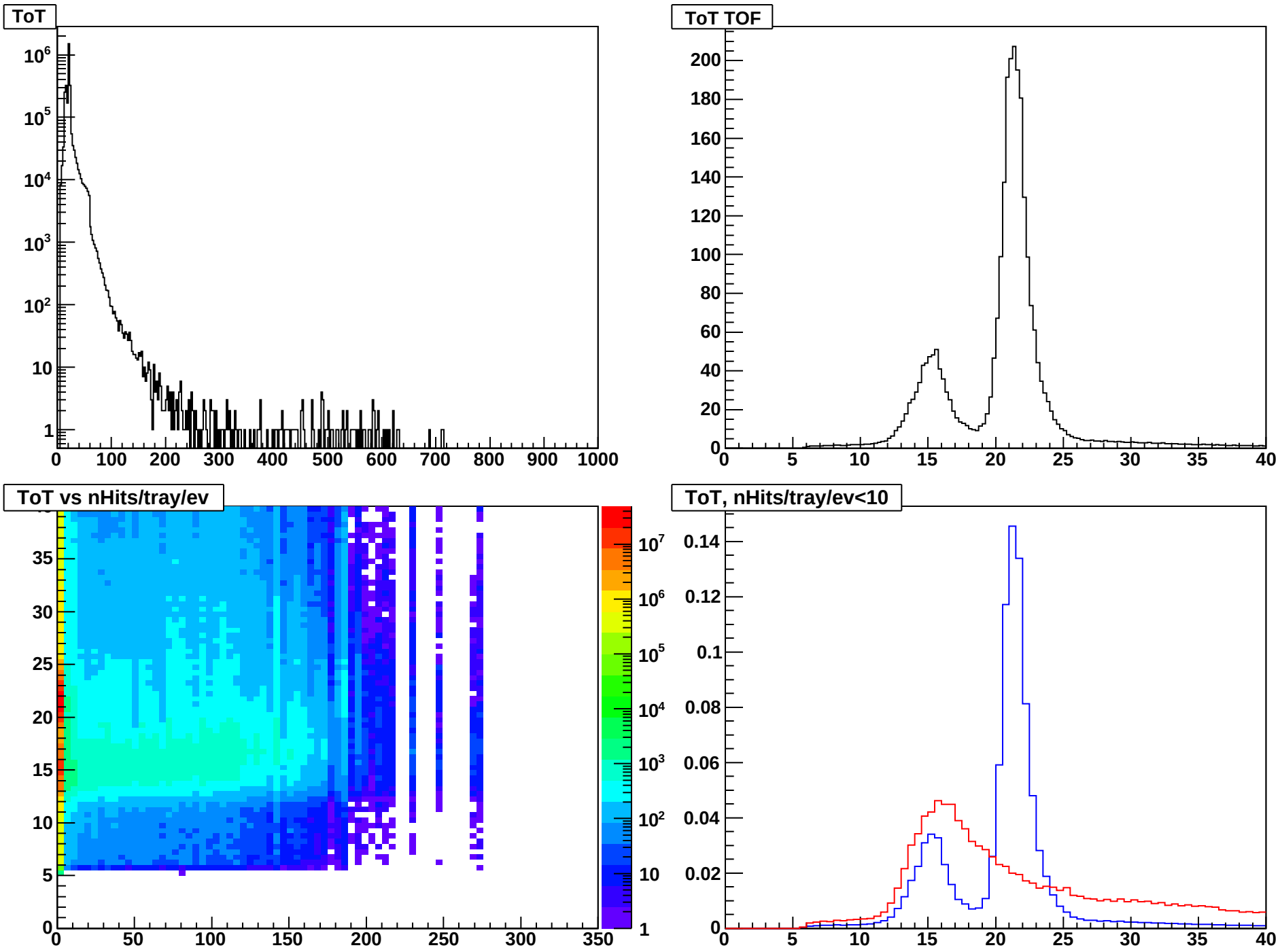

t-t$_{ear}$ vs rel module, nHits/tray/ev>25

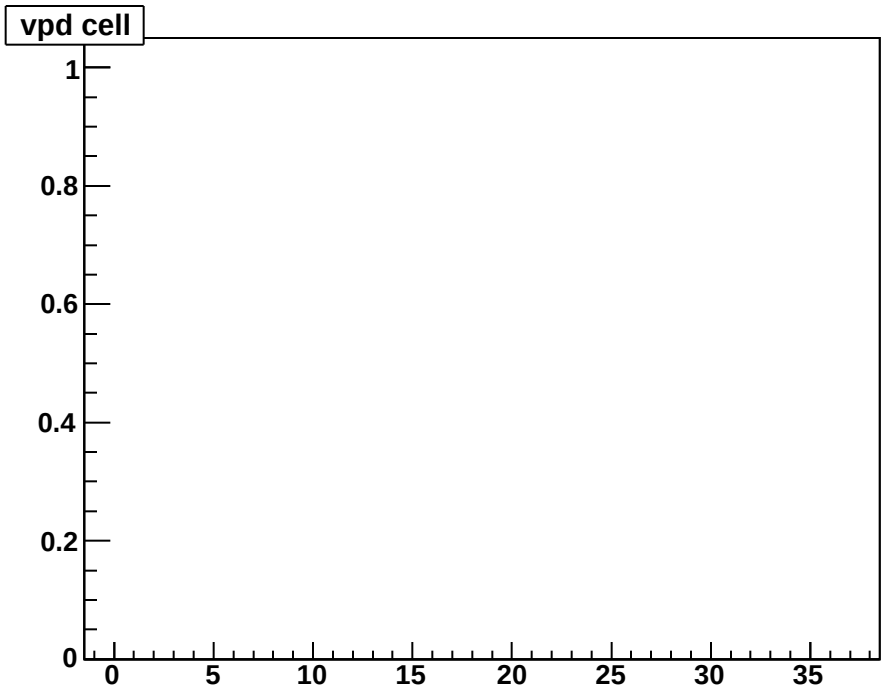

t-t$_{ear}$, nHits/tray/ev>25

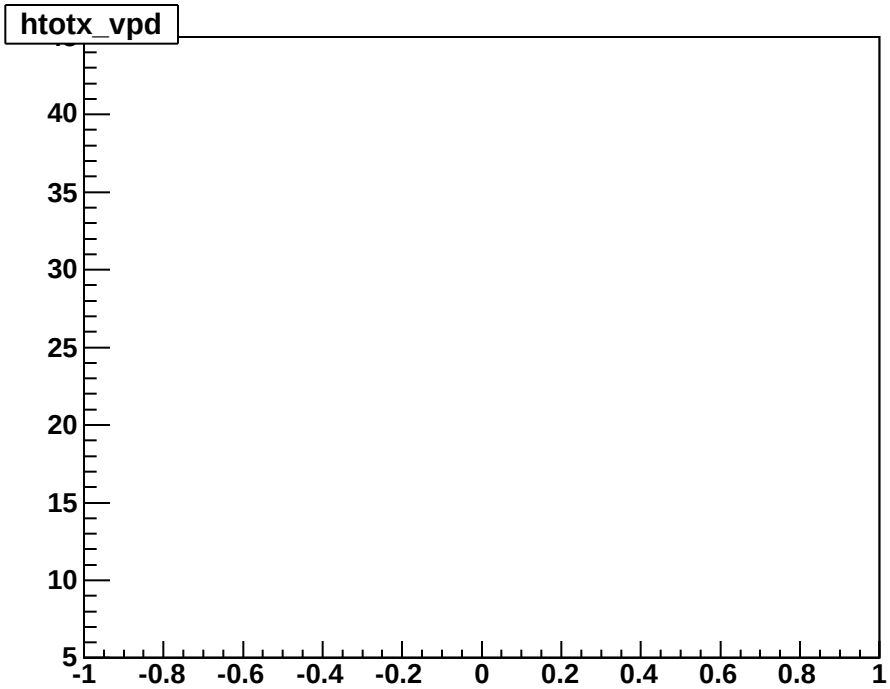

t-t$_{ear}$ vs module, nHits/tray/ev>25

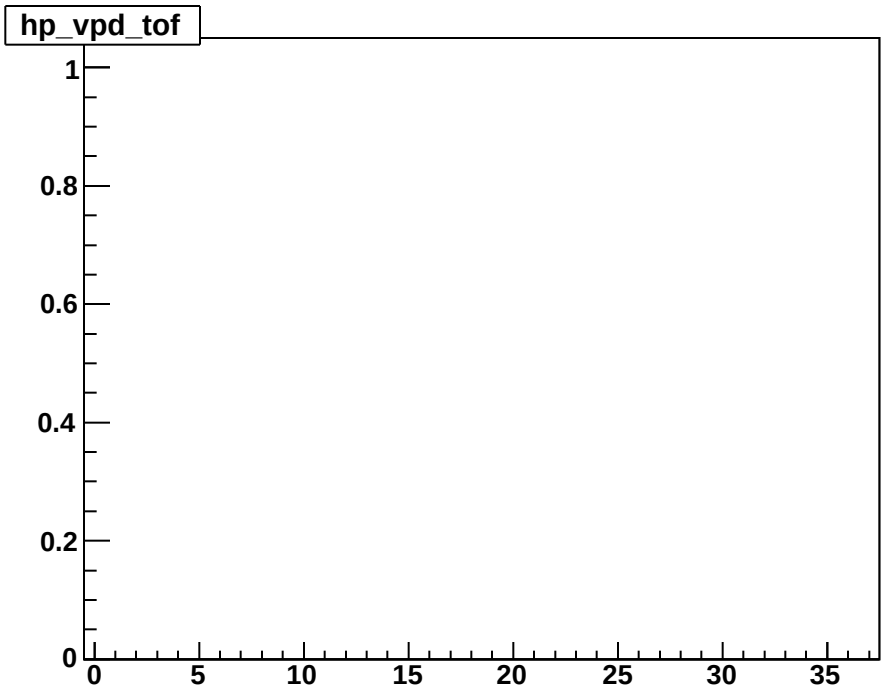

t-t$_{ear}$ vs rel module, nHits/tray/ev>25



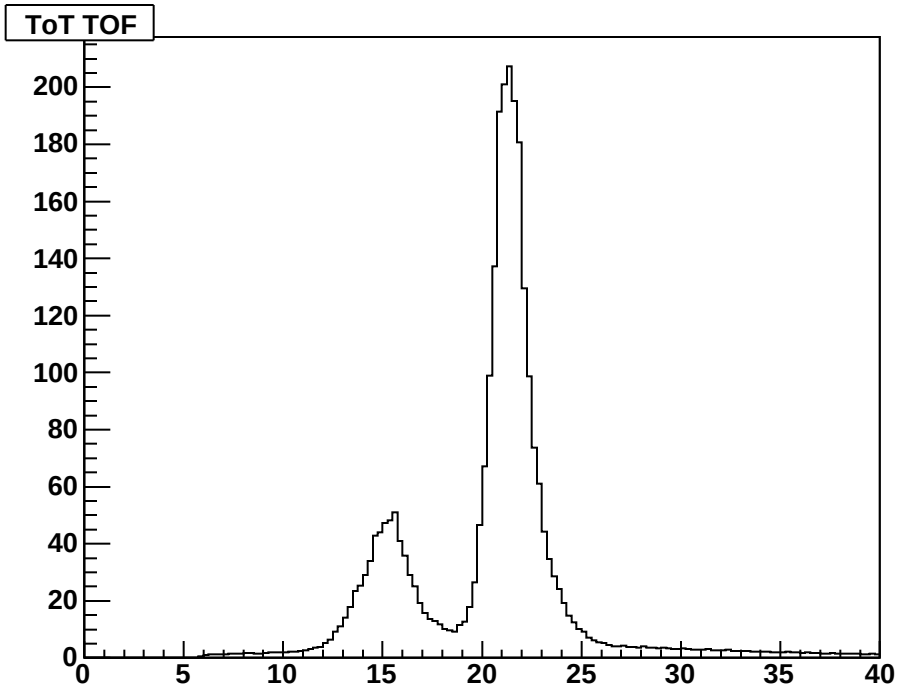

ToT
ToT TOF
ToT vs nHits/tray/ev
ToT, nHits/tray/ev<10

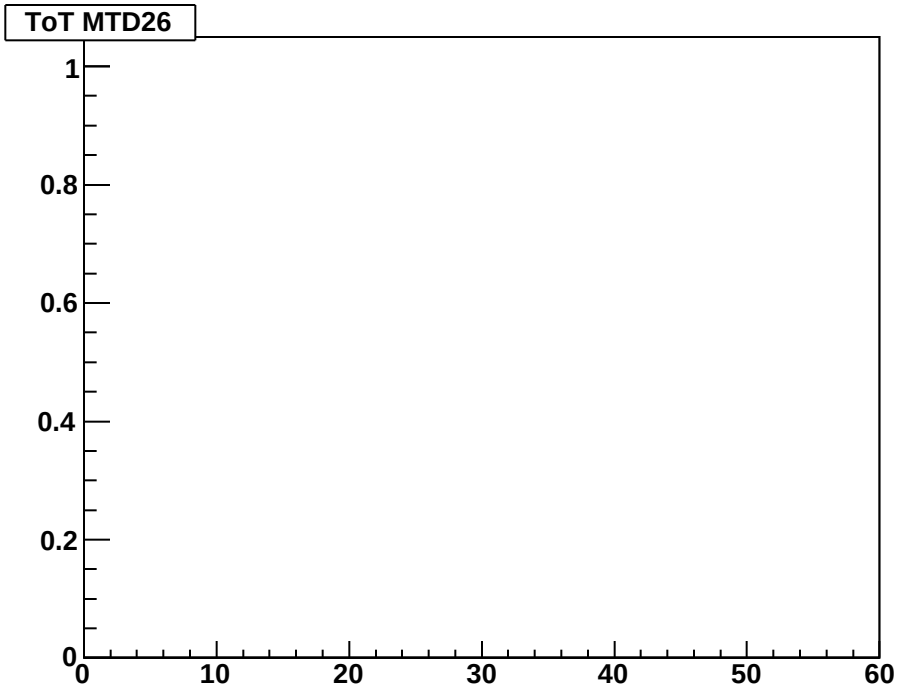

vpd cell
1
0.8
0.6
0.4
0.2
0
0
5
10
15
20
25
30
35

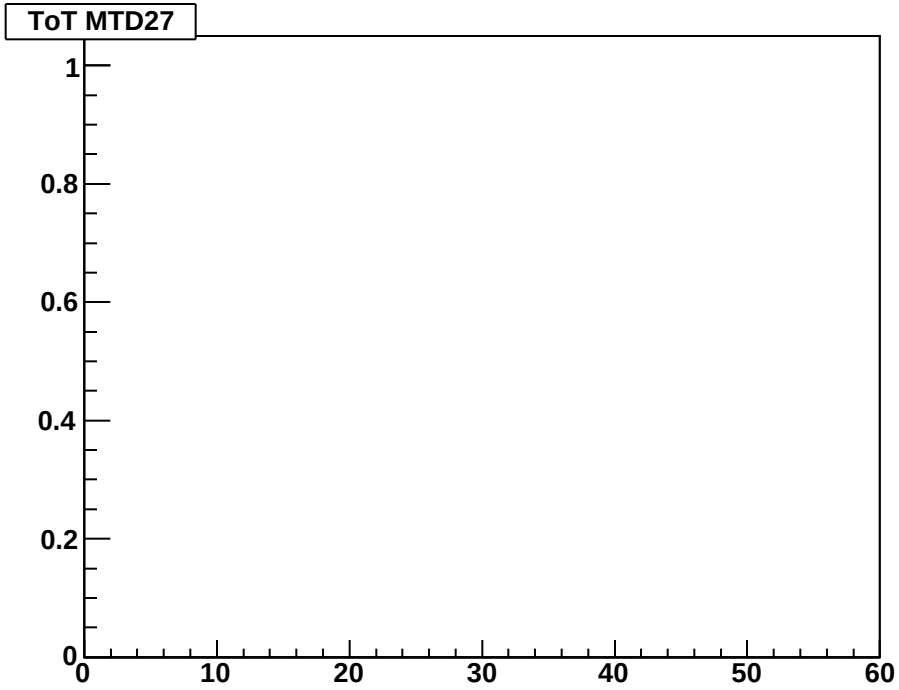

htotx_vpd
40
35
30
25
20
15
10
5
-1
-0.8
-0.6
-0.4
-0.2
0
0.2
0.4
0.6
0.8
1

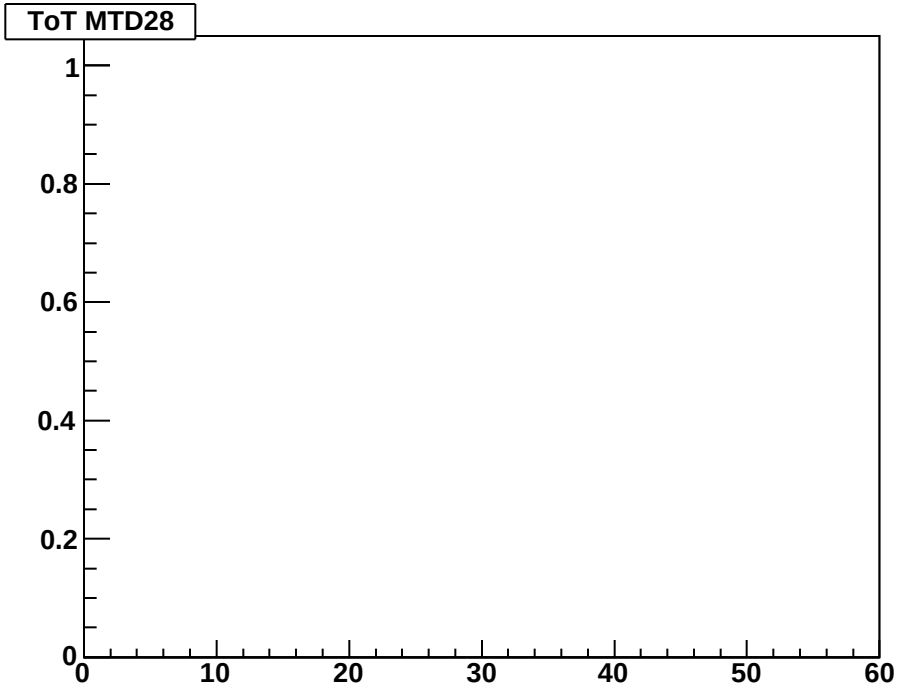

hp_vpd_tof
1
0.8
0.6
0.4
0.2
0
0
5
10
15
20
25
30
35

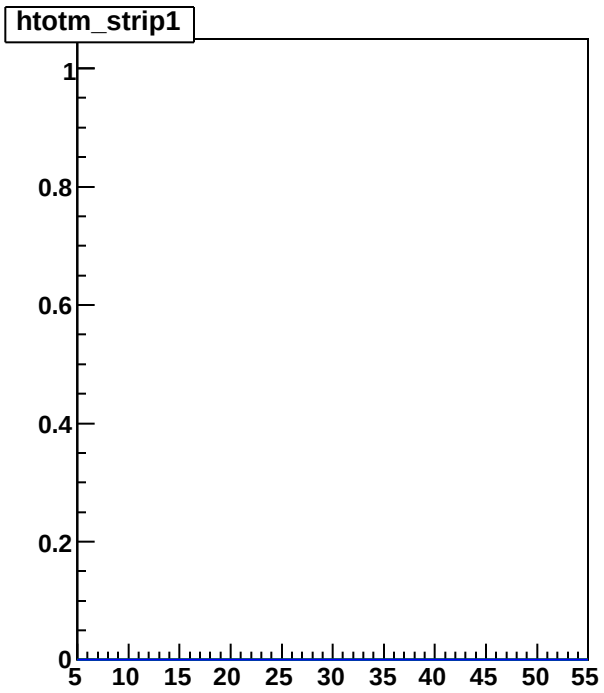

mtd cell, backleg 26
mtd cell, backleg 27
mtd cell, backleg 28

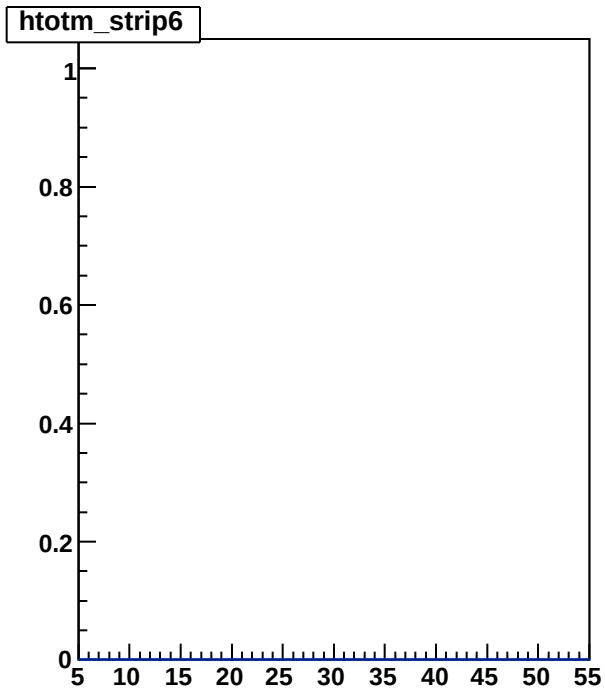

ToT TOF
200
180
160
140
120
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40

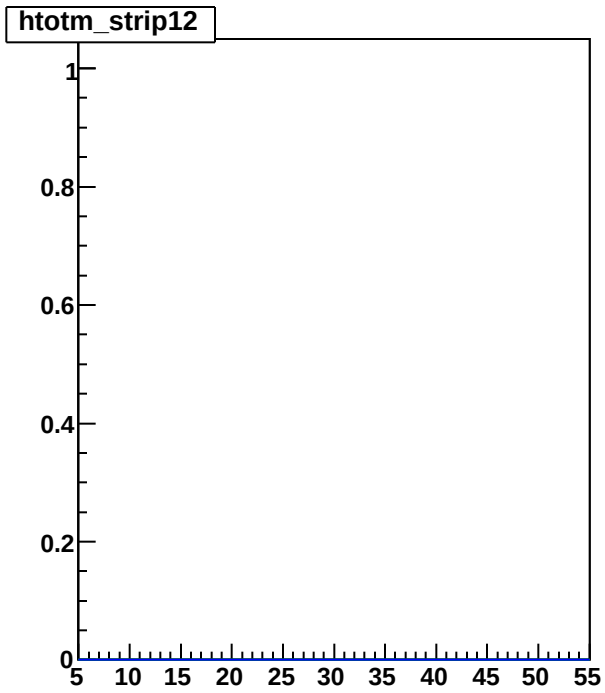

ToT MTD26
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60

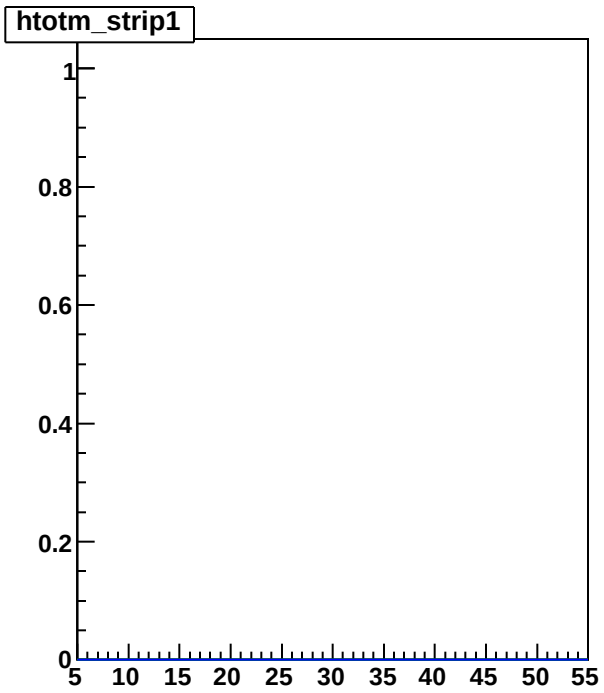

ToT MTD27
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60

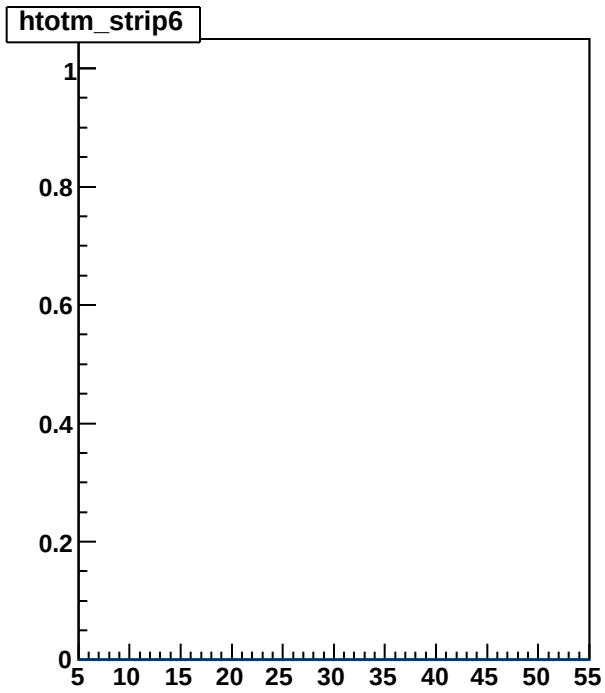

ToT MTD28
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60

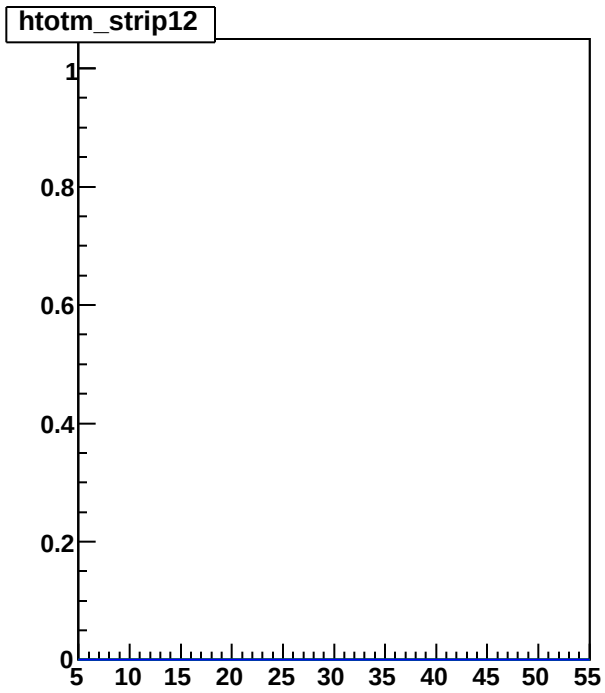

htotm_strip1
1
0.8
0.6
0.4
0.2
0
5 10 15 20 25 30 35 40 45 50 55


htotm_strip6
1
0.8
0.6
0.4
0.2
0
5 10 15 20 25 30 35 40 45 50 55


htotm_strip12
1
0.8
0.6
0.4
0.2
0
5 10 15 20 25 30 35 40 45 50 55


htotm_strip1
1
0.8
0.6
0.4
0.2
0
5 10 15 20 25 30 35 40 45 50 55


htotm_strip6
1
0.8
0.6
0.4
0.2
0
5 10 15 20 25 30 35 40 45 50 55


htotm_strip12
1
0.8
0.6
0.4
0.2
0
5 10 15 20 25 30 35 40 45 50 55