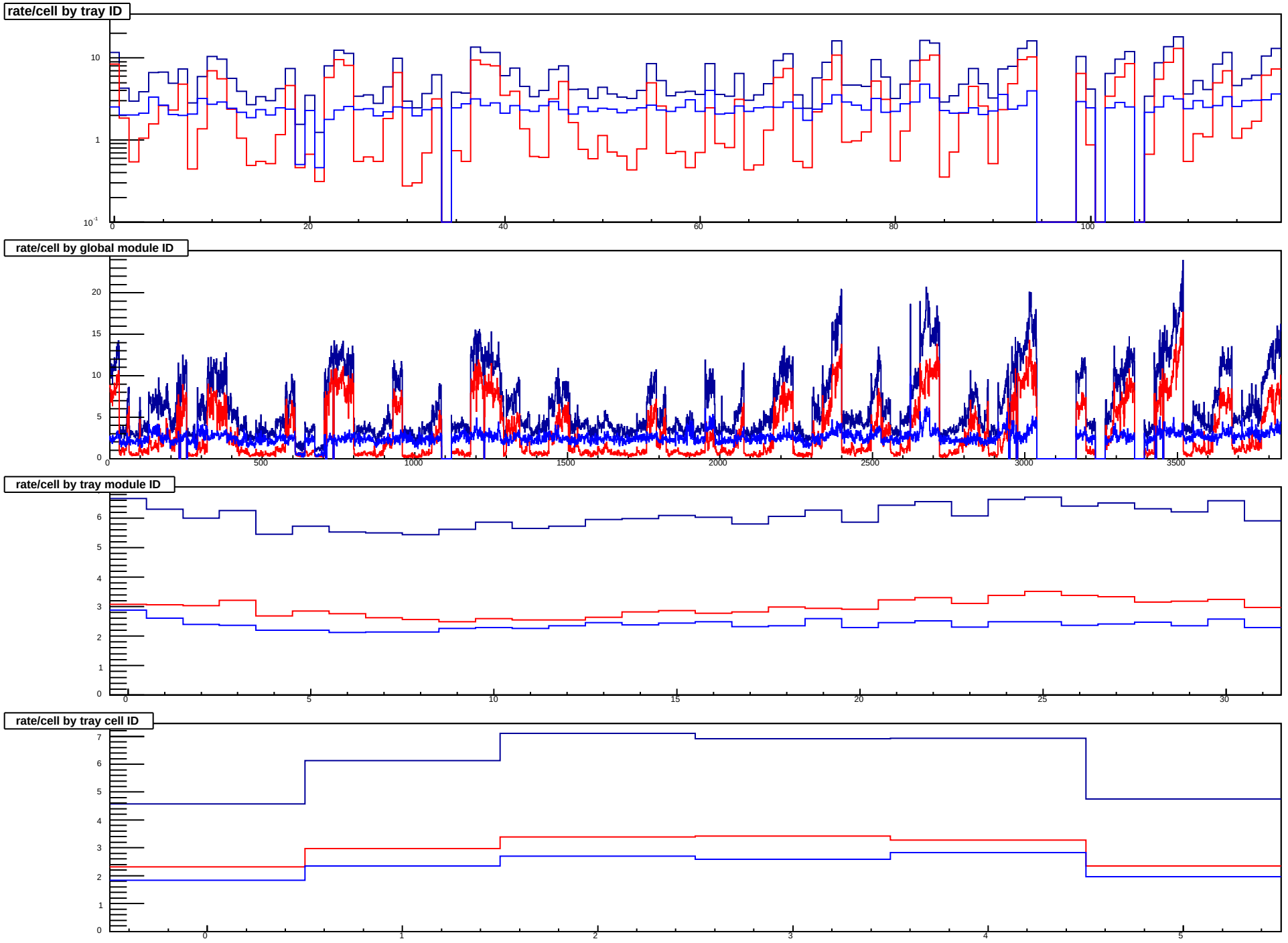
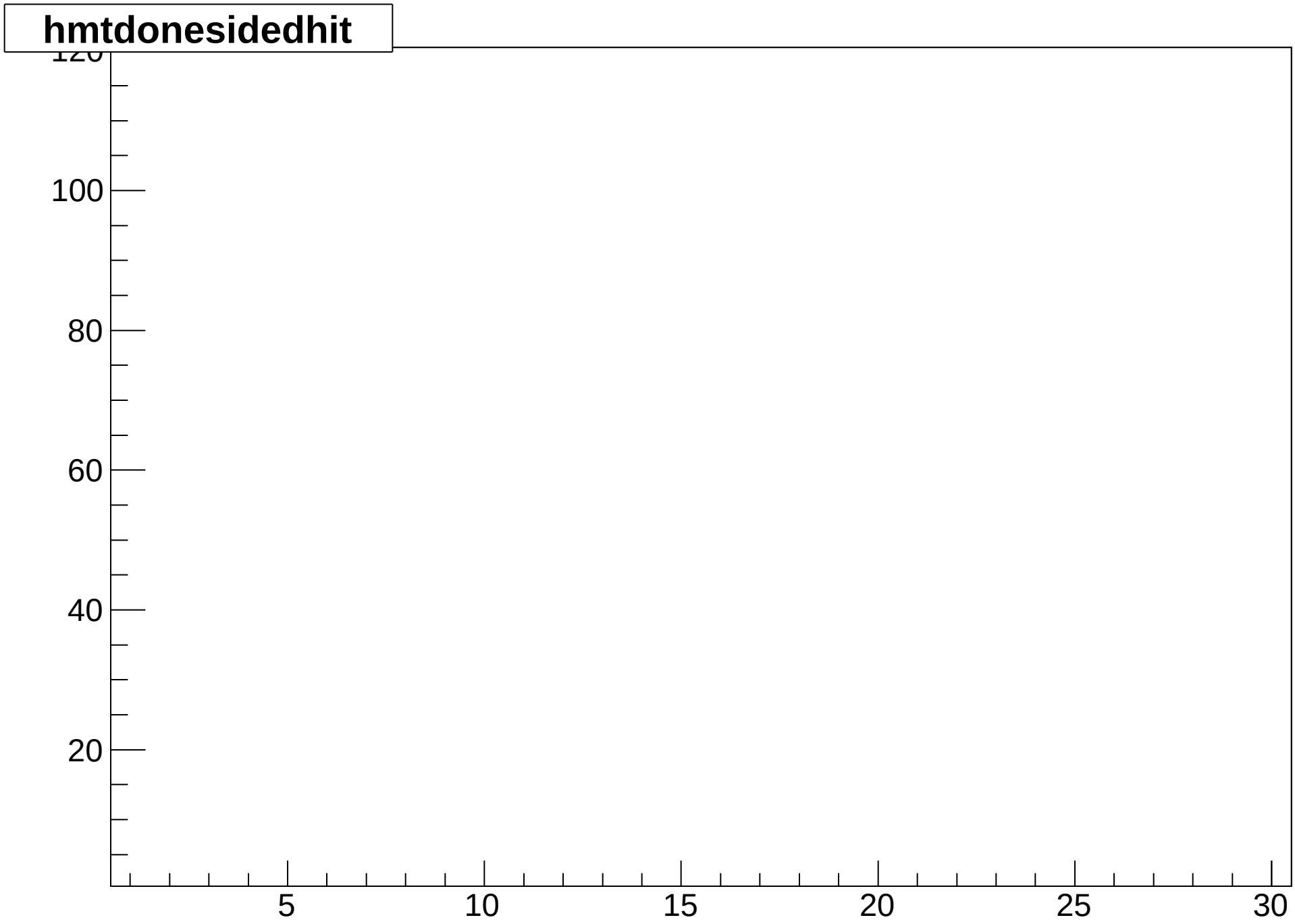
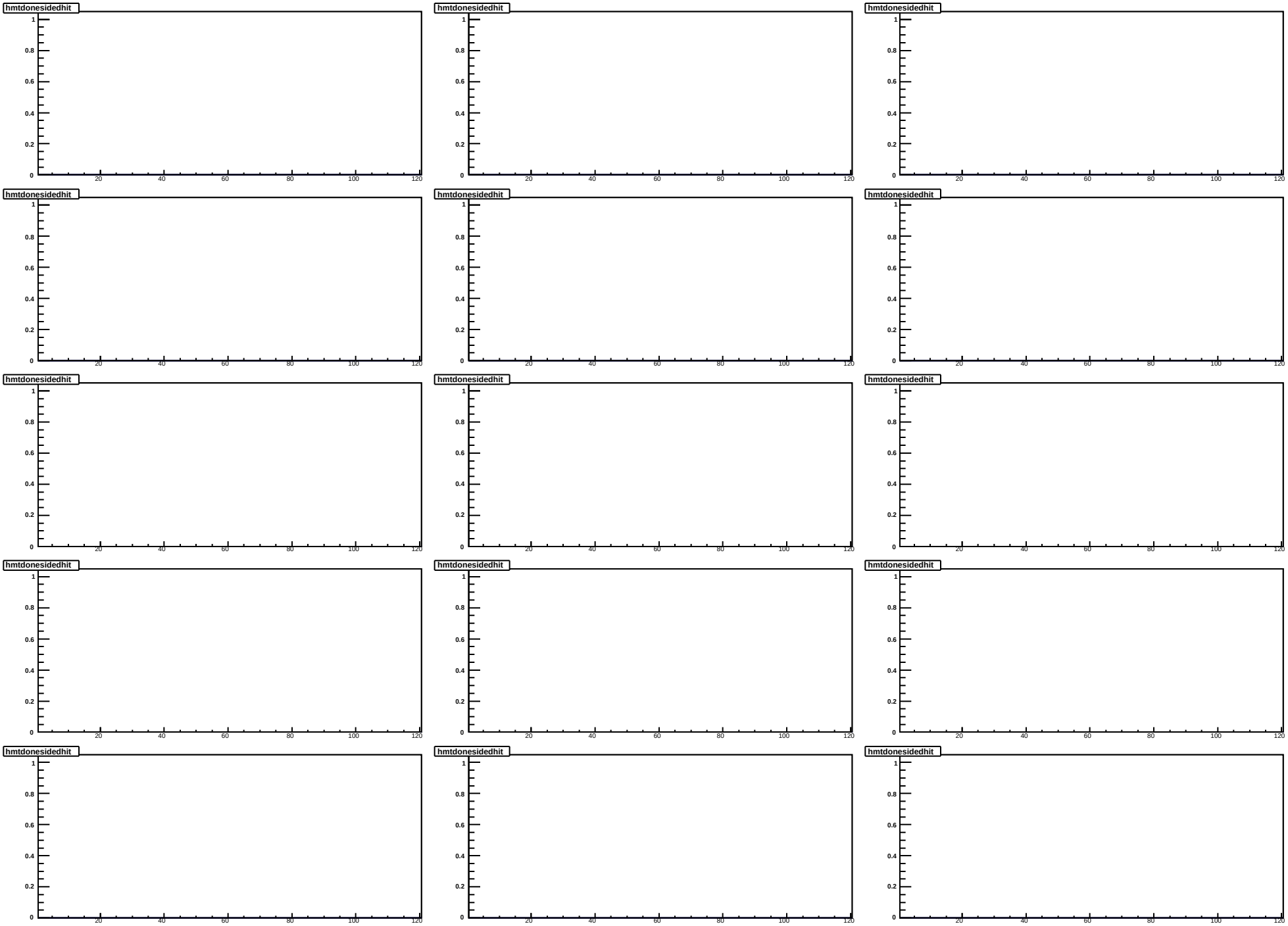
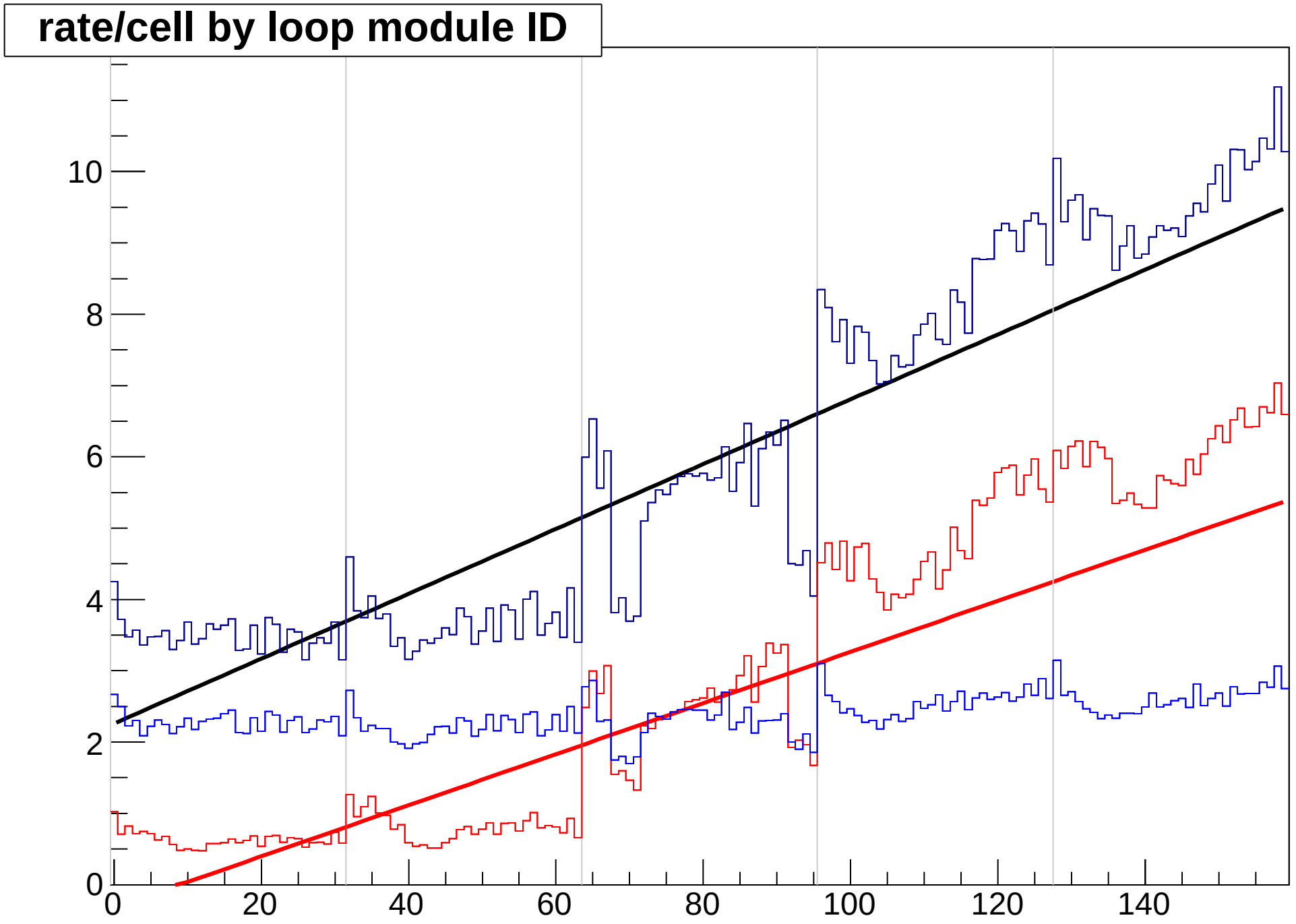
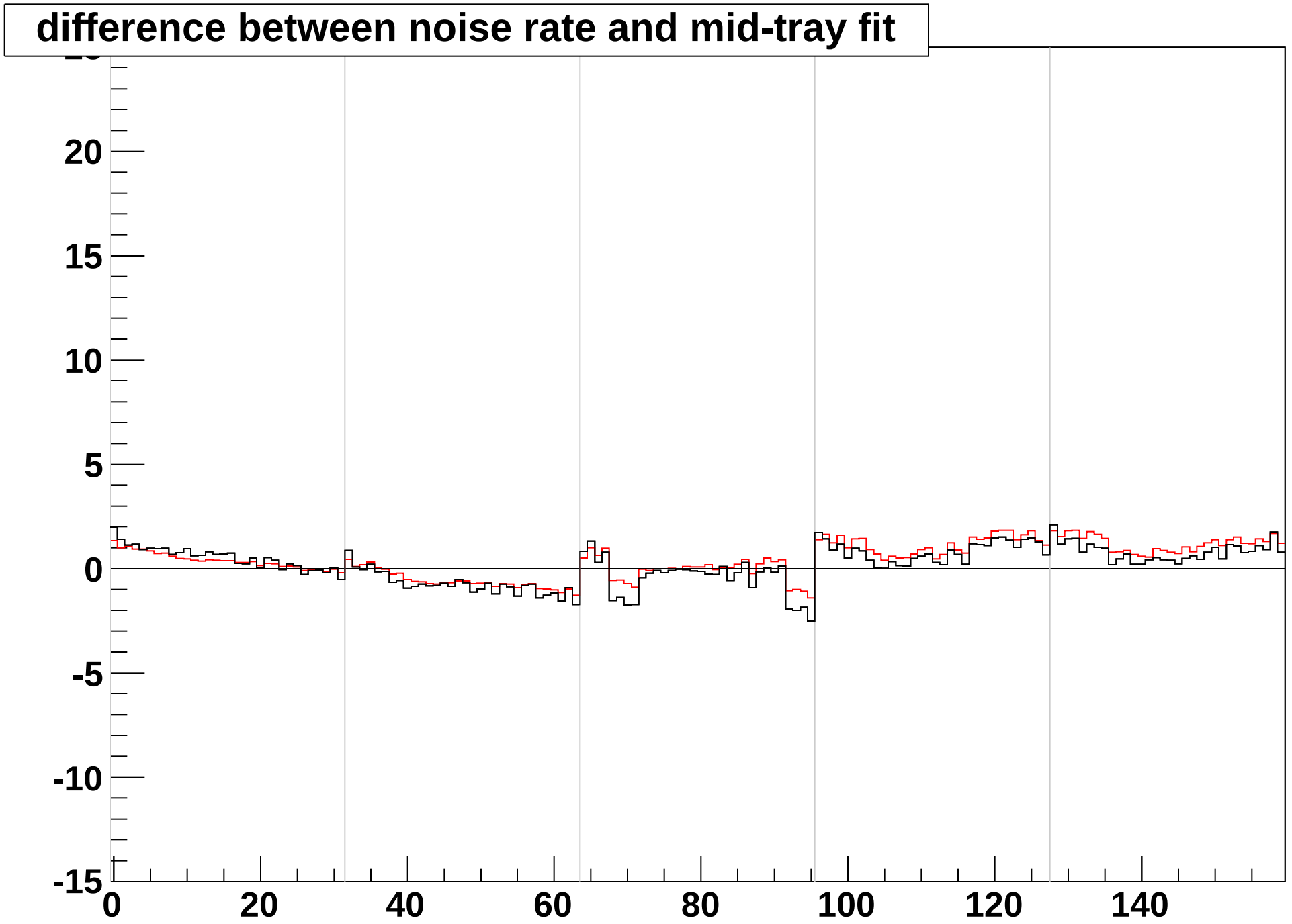
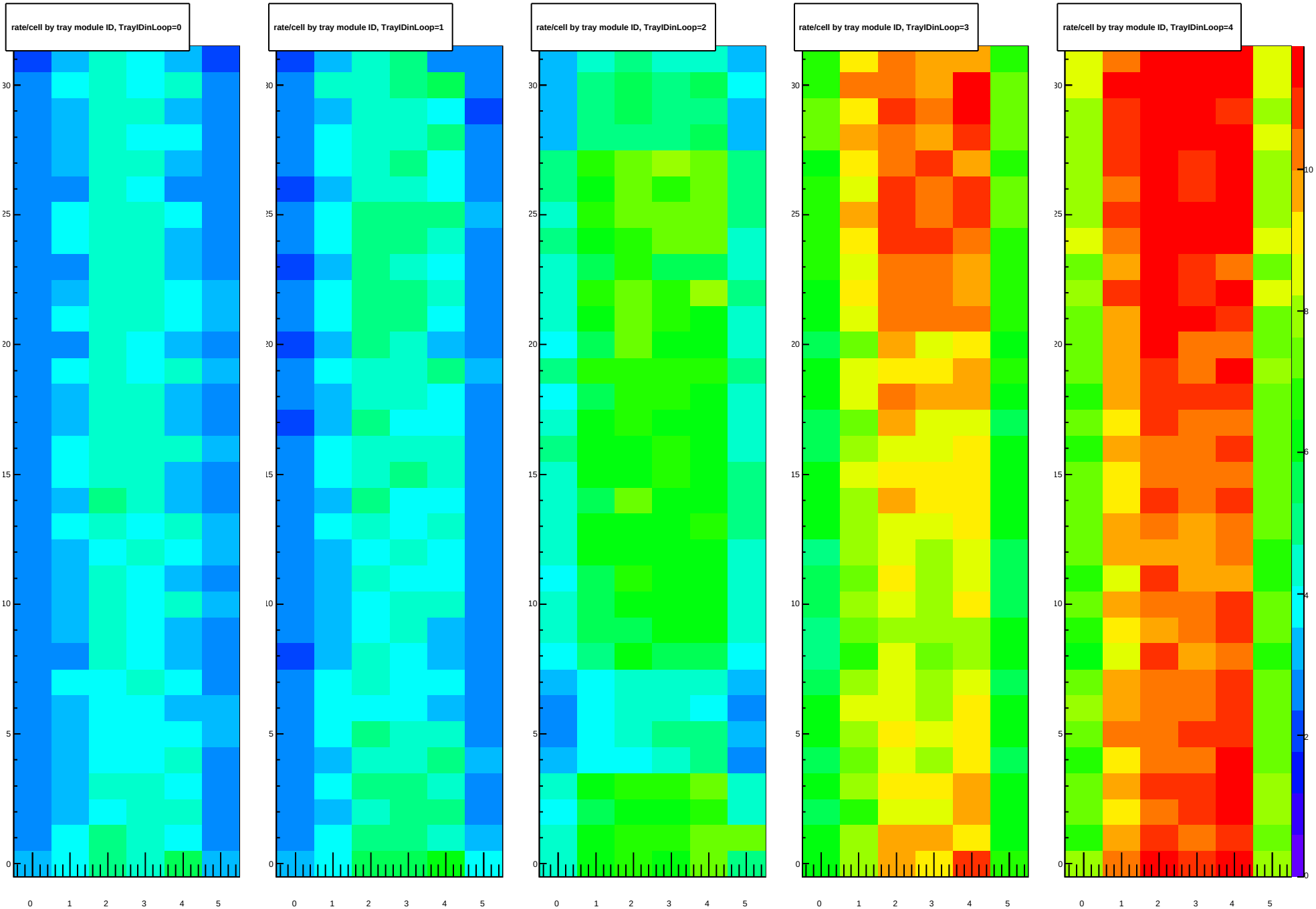

rate/cell by tray ID
rate/cell by global module ID
rate/cell by tray module ID
rate/cell by tray cell ID

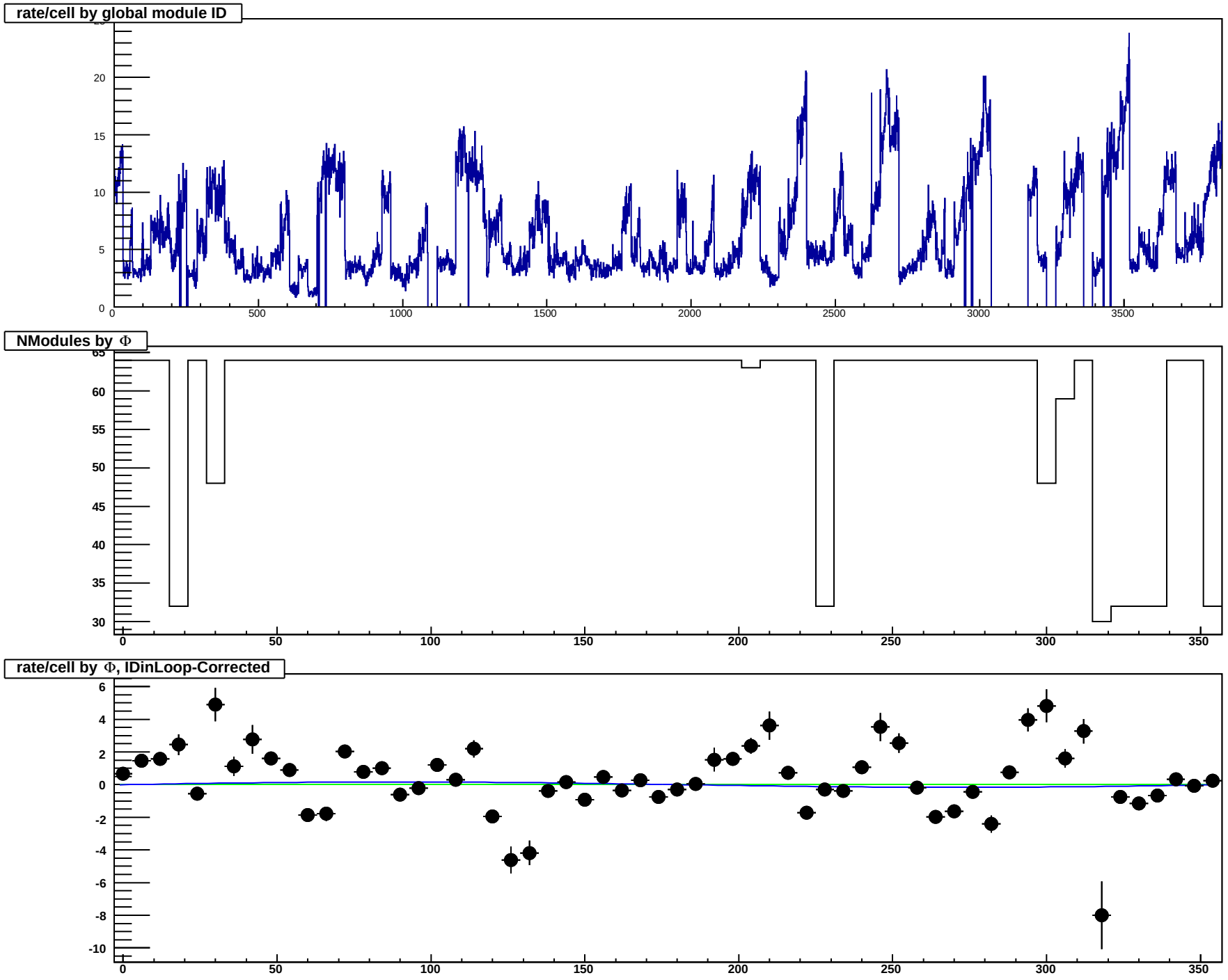

hmtdonesidedhit
120
100
80
60
40
20
5
10
15
20
25
30

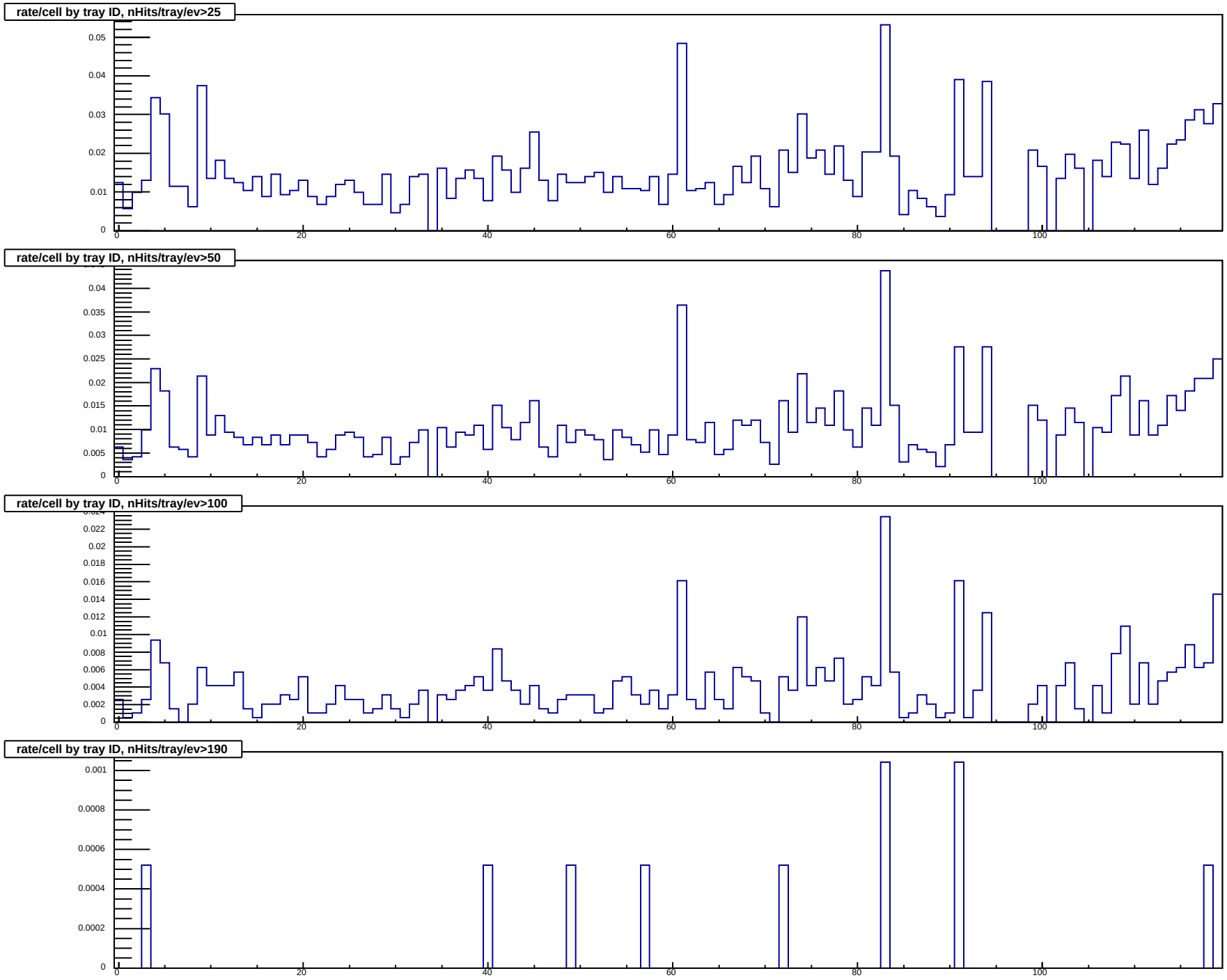

hmtdonesidedhit
0
0.2
0.4
0.6
0.8
1
20
40
60
80
100
120

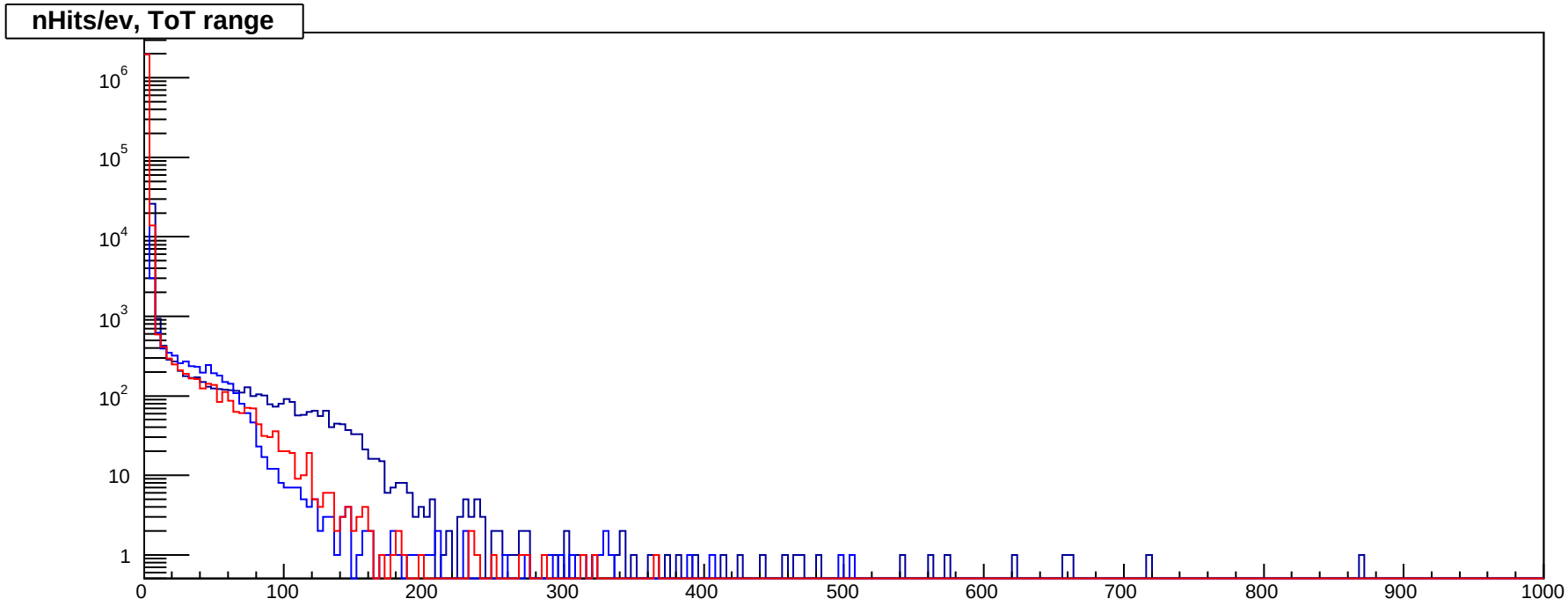

rate/cell by loop module ID
0
2
4
6
8
10
0
20
40
60
80
100
120
140

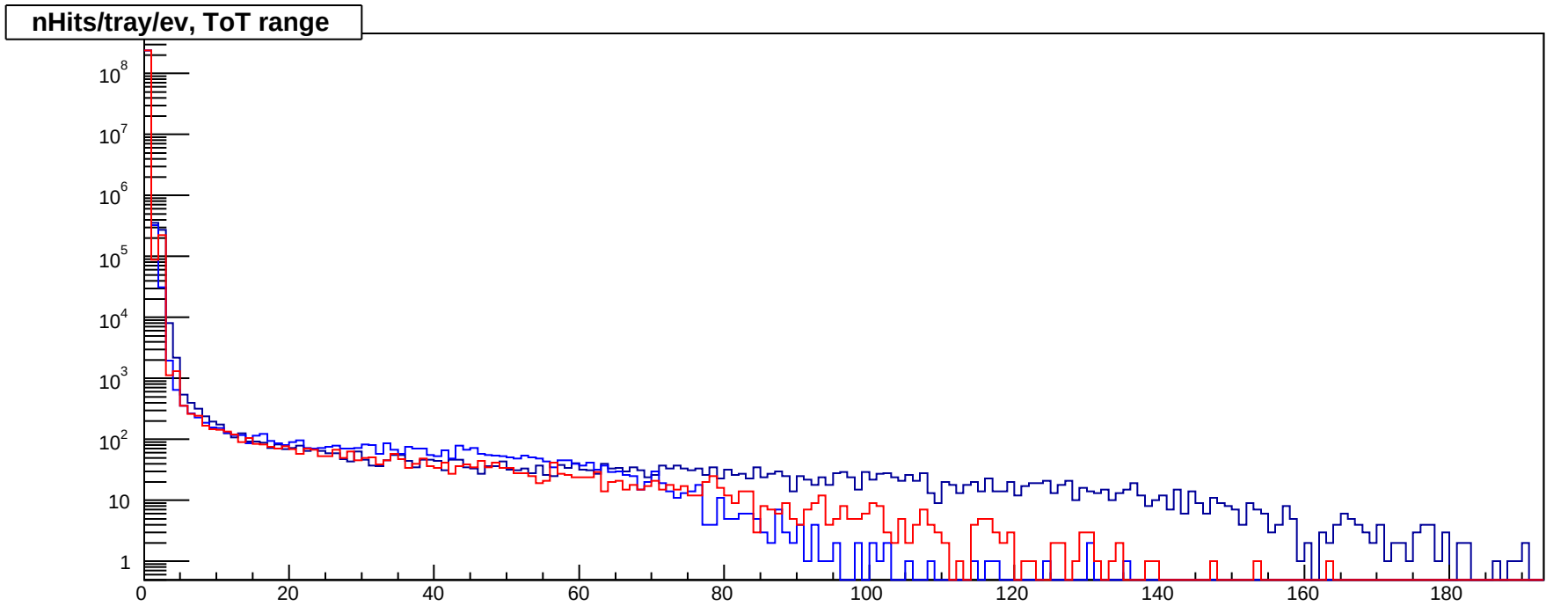

difference between noise rate and mid-tray fit
20
15
10
5
0
-5
-10
-15
0
20
40
60
80
100
120
140

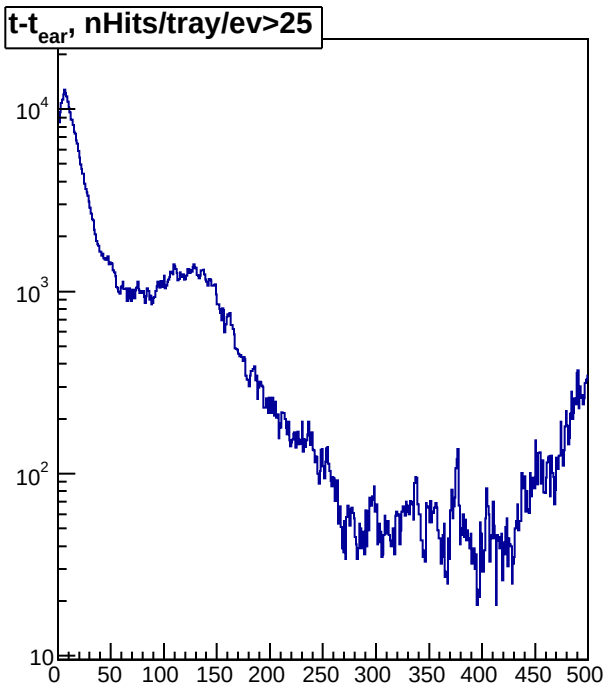

rate/cell by tray module ID, TrayIDinLoop=0
rate/cell by tray module ID, TrayIDinLoop=1
rate/cell by tray module ID, TrayIDinLoop=2
rate/cell by tray module ID, TrayIDinLoop=3
rate/cell by tray module ID, TrayIDinLoop=4
0
5
10
15
20
25
30
0
1
2
3
4
5
0
2
4
6
8
10

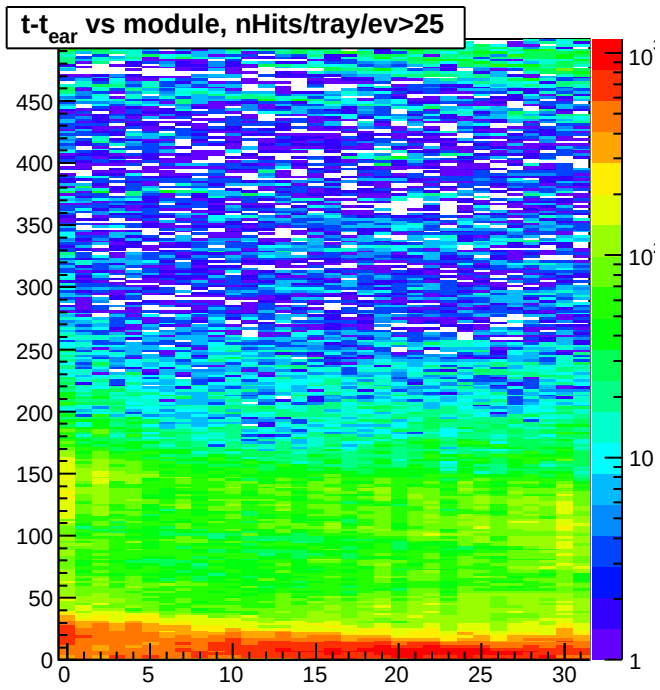

rate/cell by global module ID
0
5
10
15
20
0
500
1000
1500
2000
2500
3000
3500
NModules by Φ
30
35
40
45
50
55
60
65
0
50
100
150
200
250
300
350
rate/cell by Φ, IDinLoop-Corrected
-10
-8
-6
-4
-2
0
2
4
6
0
50
100
150
200
250
300
350

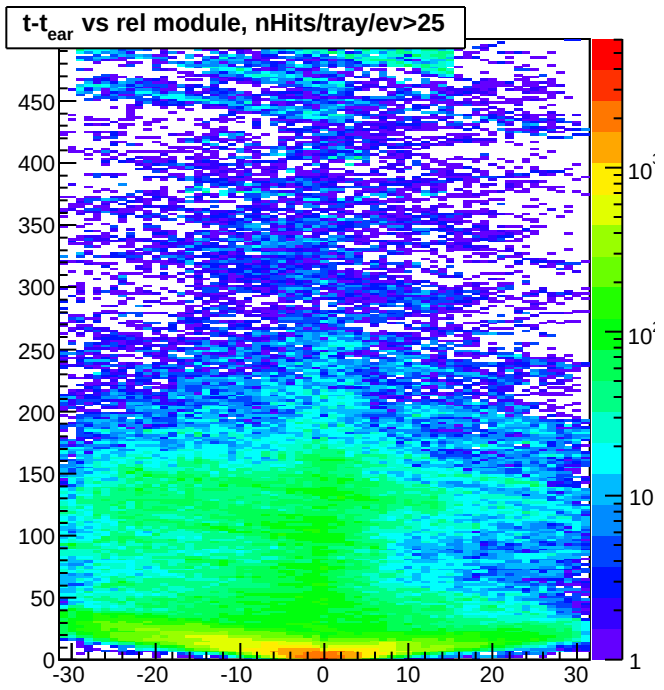

rate/cell by tray ID, nHits/tray/ev>25
rate/cell by tray ID, nHits/tray/ev>50
rate/cell by tray ID, nHits/tray/ev>100
rate/cell by tray ID, nHits/tray/ev>190

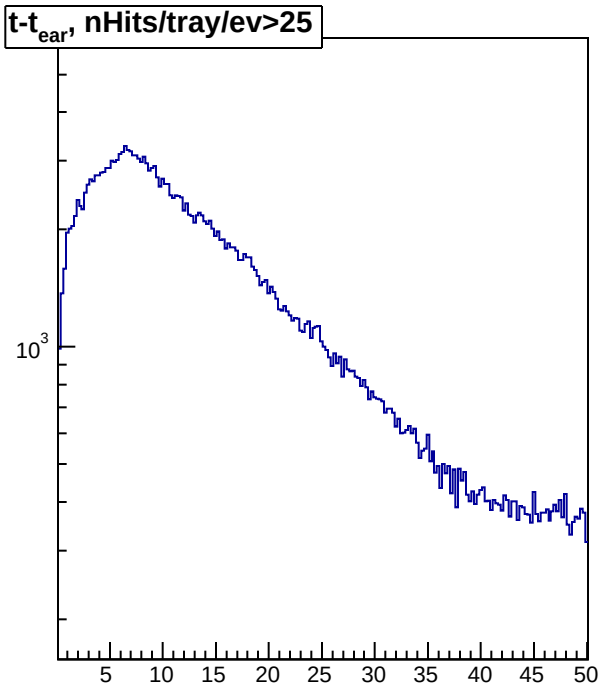

nHits/ev, ToT range
10^6
10^5
10^4
10^3
10^2
10
1
0
100
200
300
400
500
600
700
800
900
1000

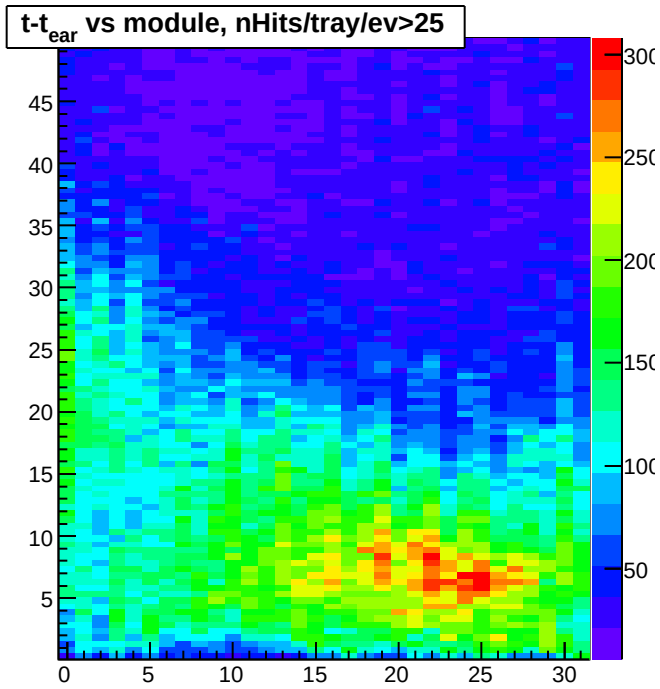

nHits/tray/ev, ToT range
10^8
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
160
180

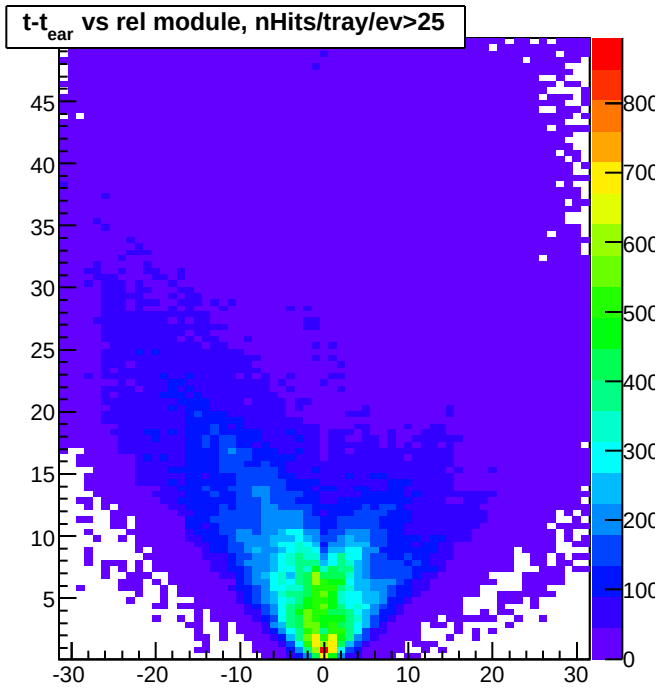

t-t_ear, nHits/tray/ev>25

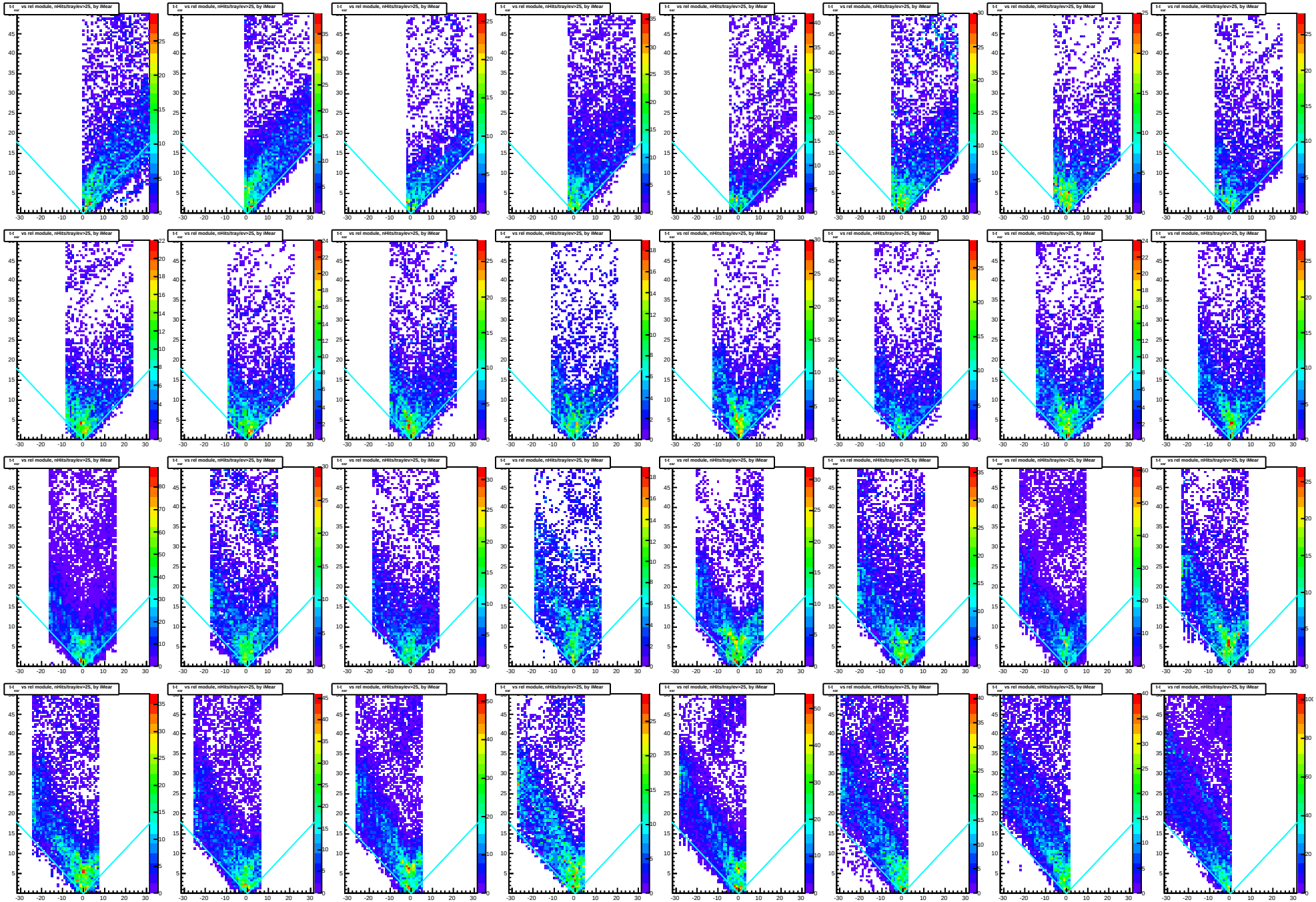

t-t_ear vs module, nHits/tray/ev>25

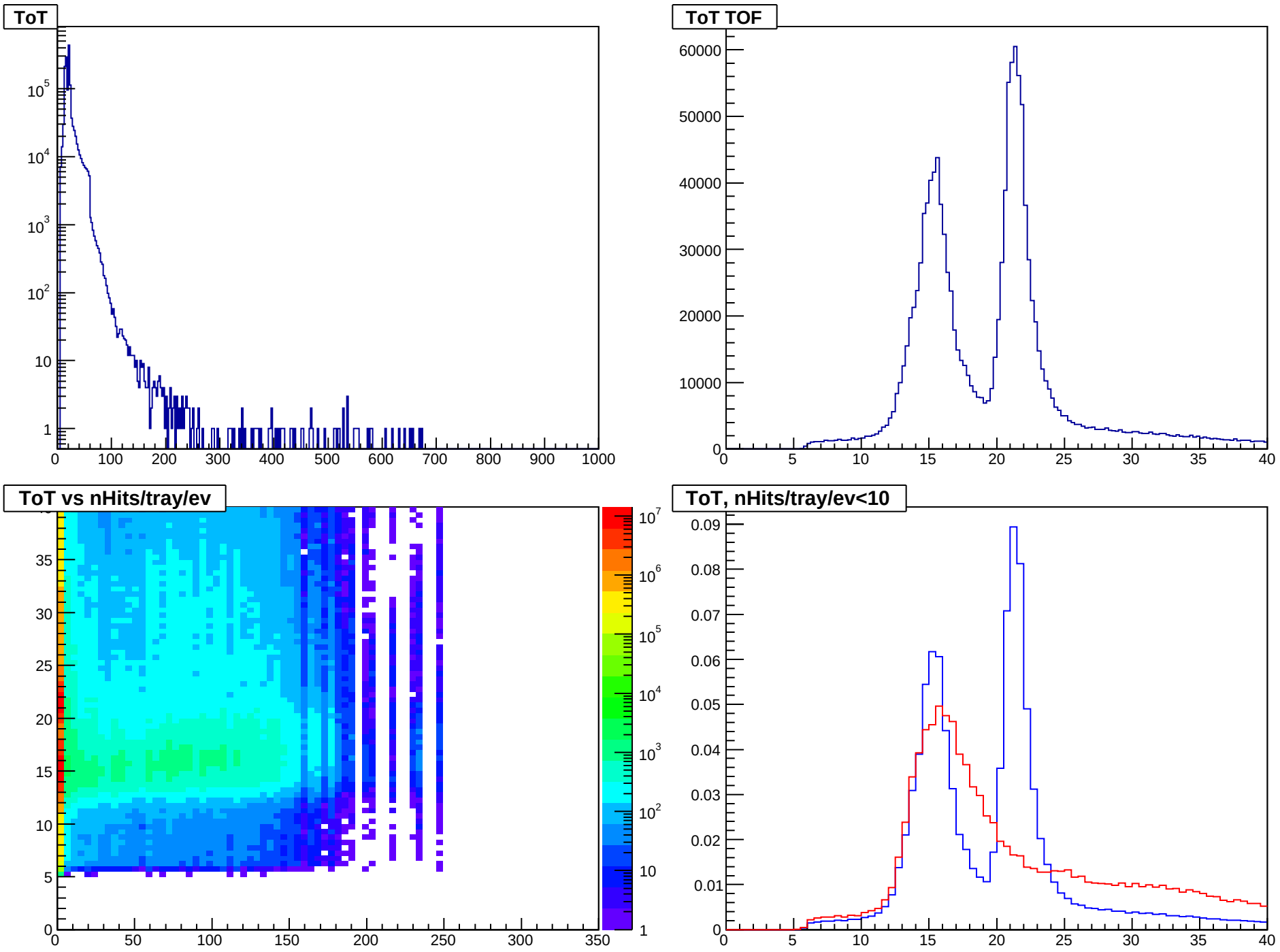

t-t_ear vs rel module, nHits/tray/ev>25

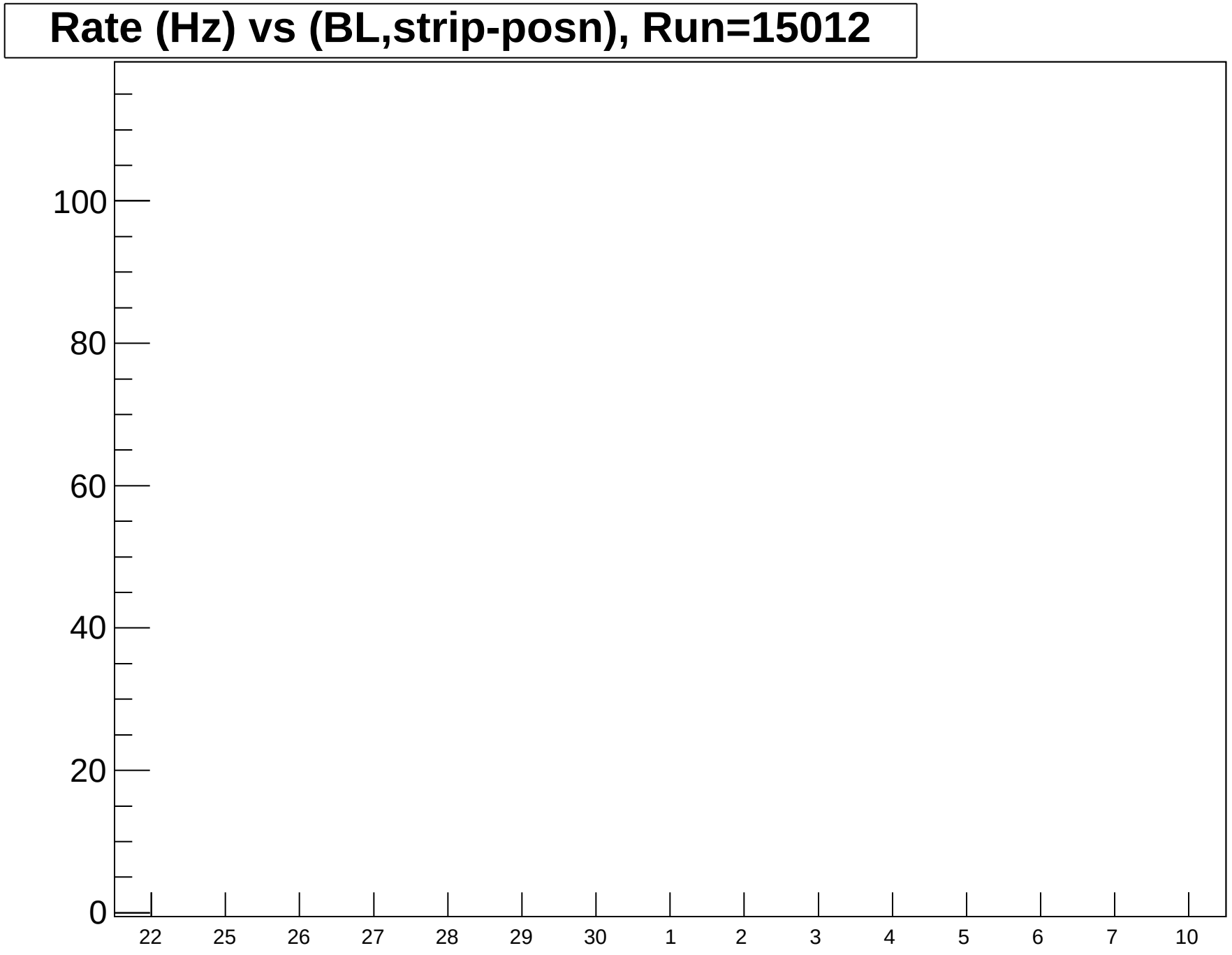

t-t_ear, nHits/tray/ev>25

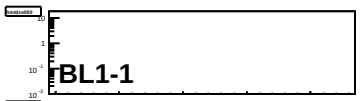
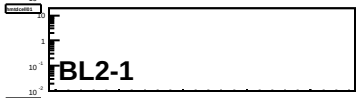
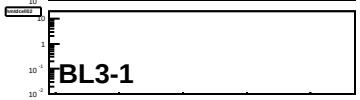
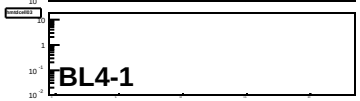
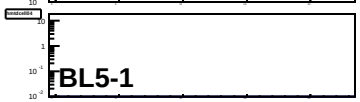
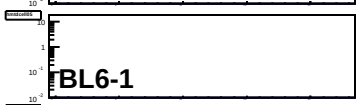
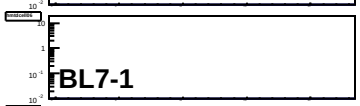
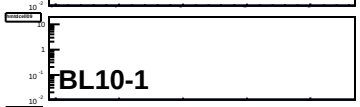
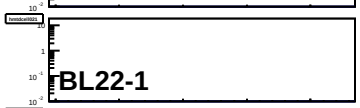
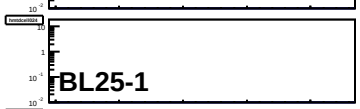
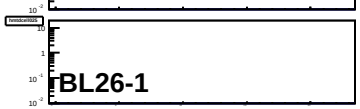
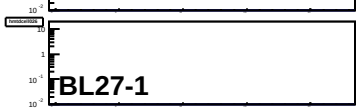
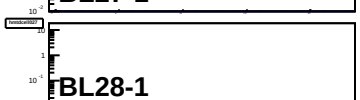
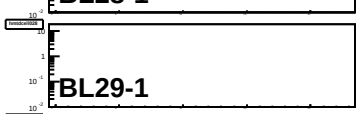
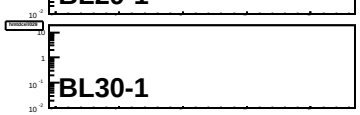
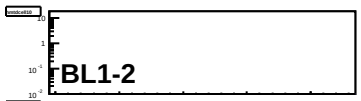
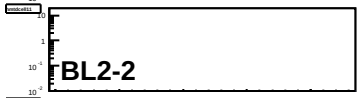
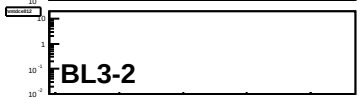
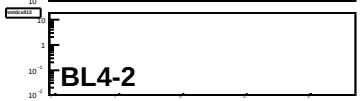
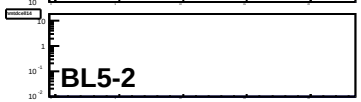
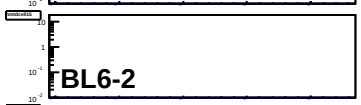
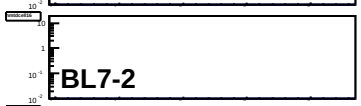
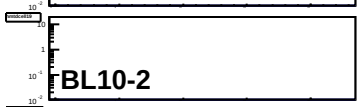
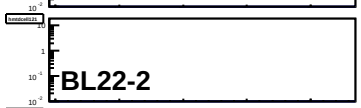
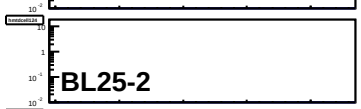
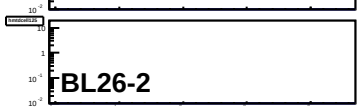
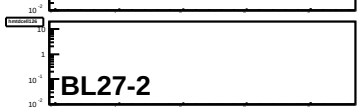
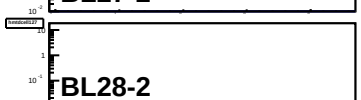
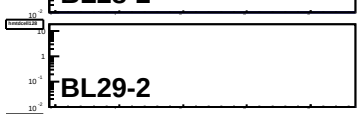
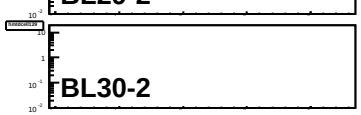
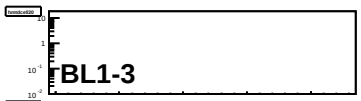
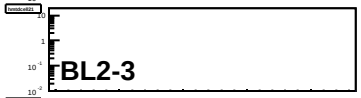
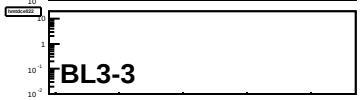
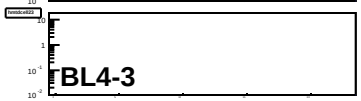

t-t_ear vs module, nHits/tray/ev>25


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




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


Rate (Hz) vs (BL,strip-posn), Run=15012
100
80
60
40
20
0
22
25
26
27
28
29
30
1
2
3
4
5
6
7
10


BL1-1

BL2-1

BL3-1

BL4-1

BL5-1

BL6-1

BL7-1

BL10-1

BL22-1

BL25-1

BL26-1

BL27-1

BL28-1

BL29-1

BL30-1

BL1-2

BL2-2

BL3-2

BL4-2

BL5-2

BL6-2

BL7-2

BL10-2

BL22-2

BL25-2

BL26-2

BL27-2

BL28-2

BL29-2

BL30-2

BL1-3

BL2-3

BL3-3

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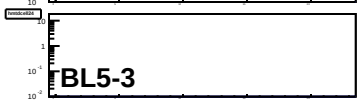
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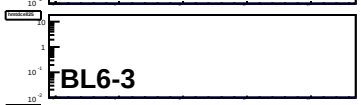
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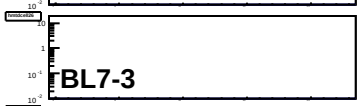
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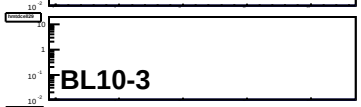
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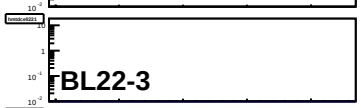
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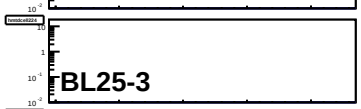
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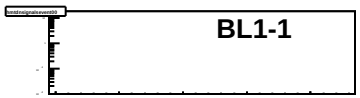
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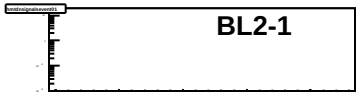
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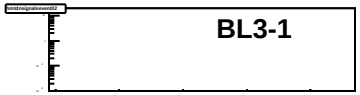
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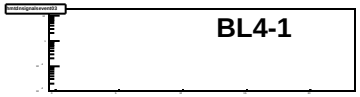
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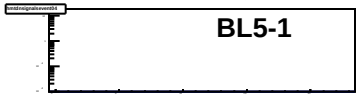
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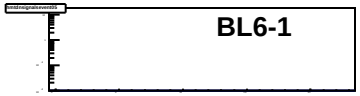
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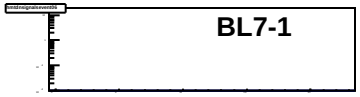
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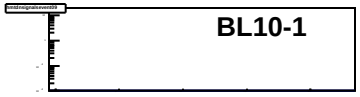
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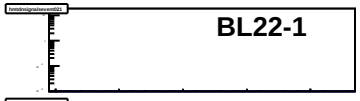
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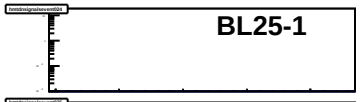
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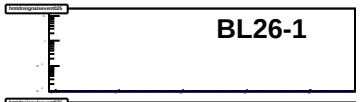
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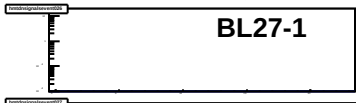
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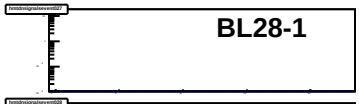
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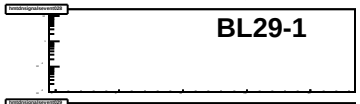
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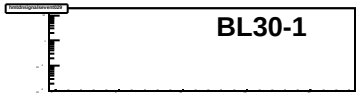
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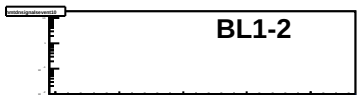
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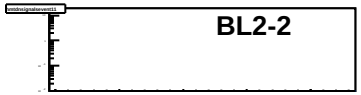
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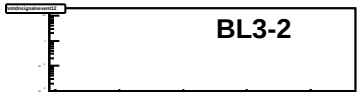
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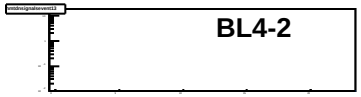
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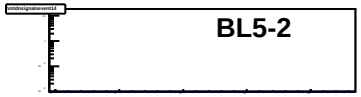
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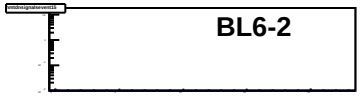
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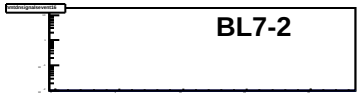
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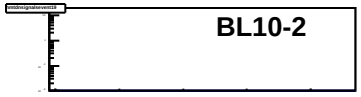
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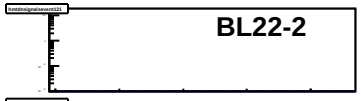
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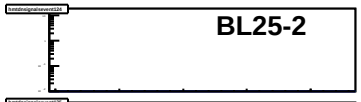
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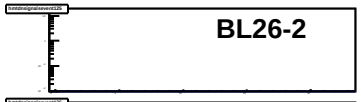
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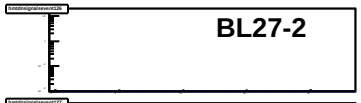
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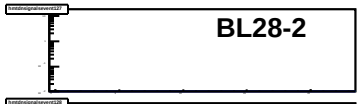
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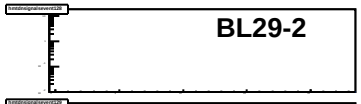
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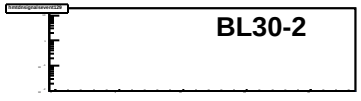
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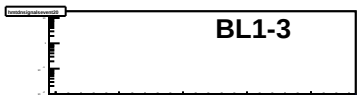
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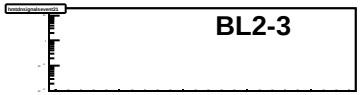
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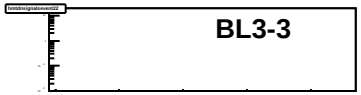
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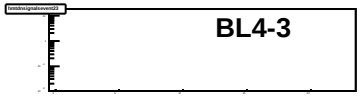
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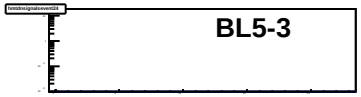
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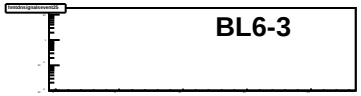
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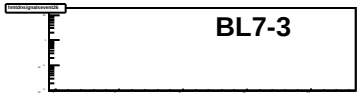
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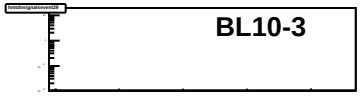
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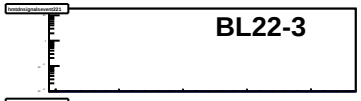
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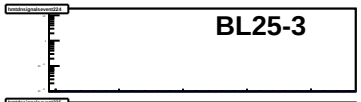
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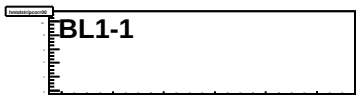
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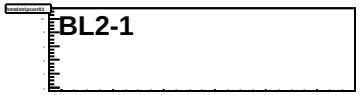
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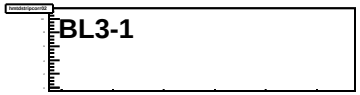
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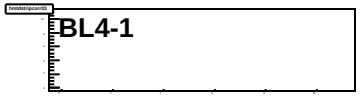
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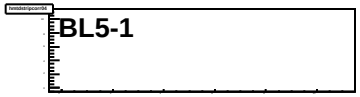
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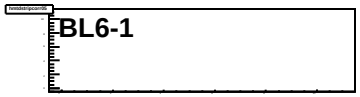
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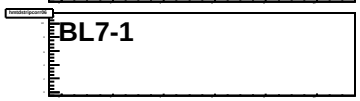
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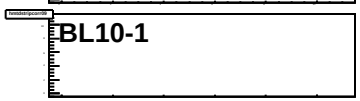
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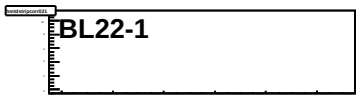
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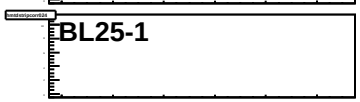
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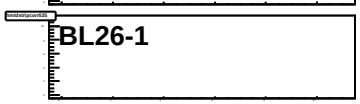
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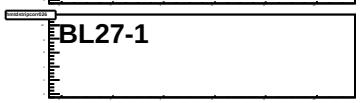
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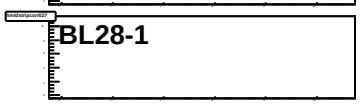
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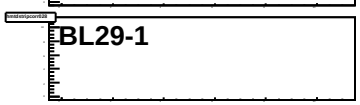
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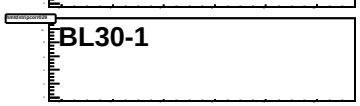
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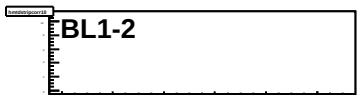
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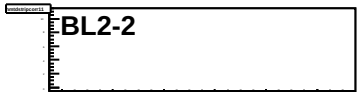
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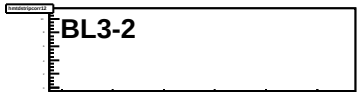
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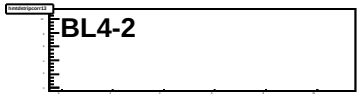
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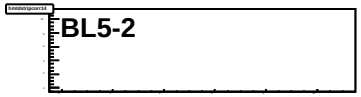
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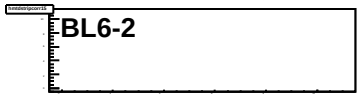
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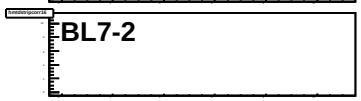
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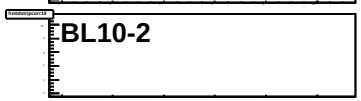
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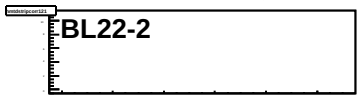
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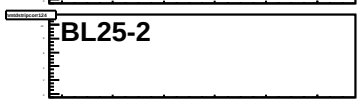
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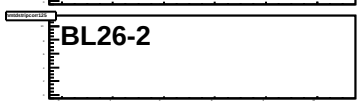
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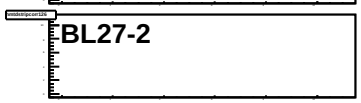
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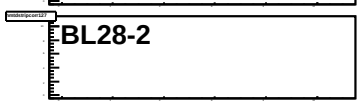
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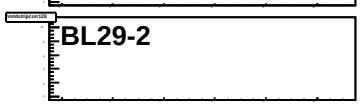
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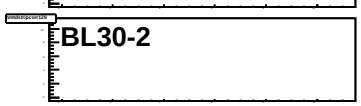
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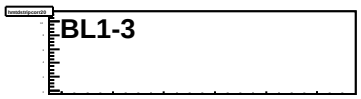
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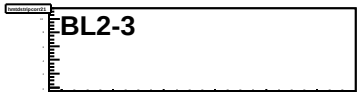
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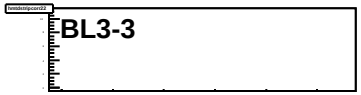
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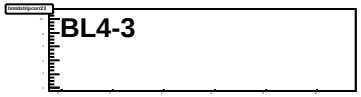
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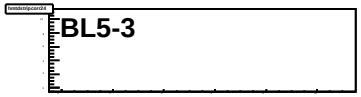
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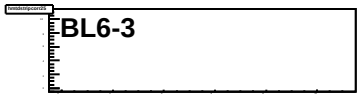
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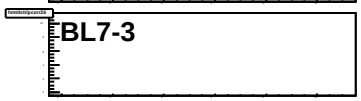
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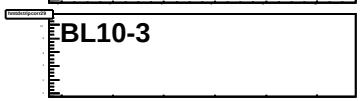
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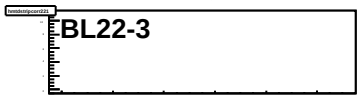
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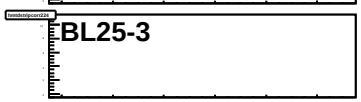
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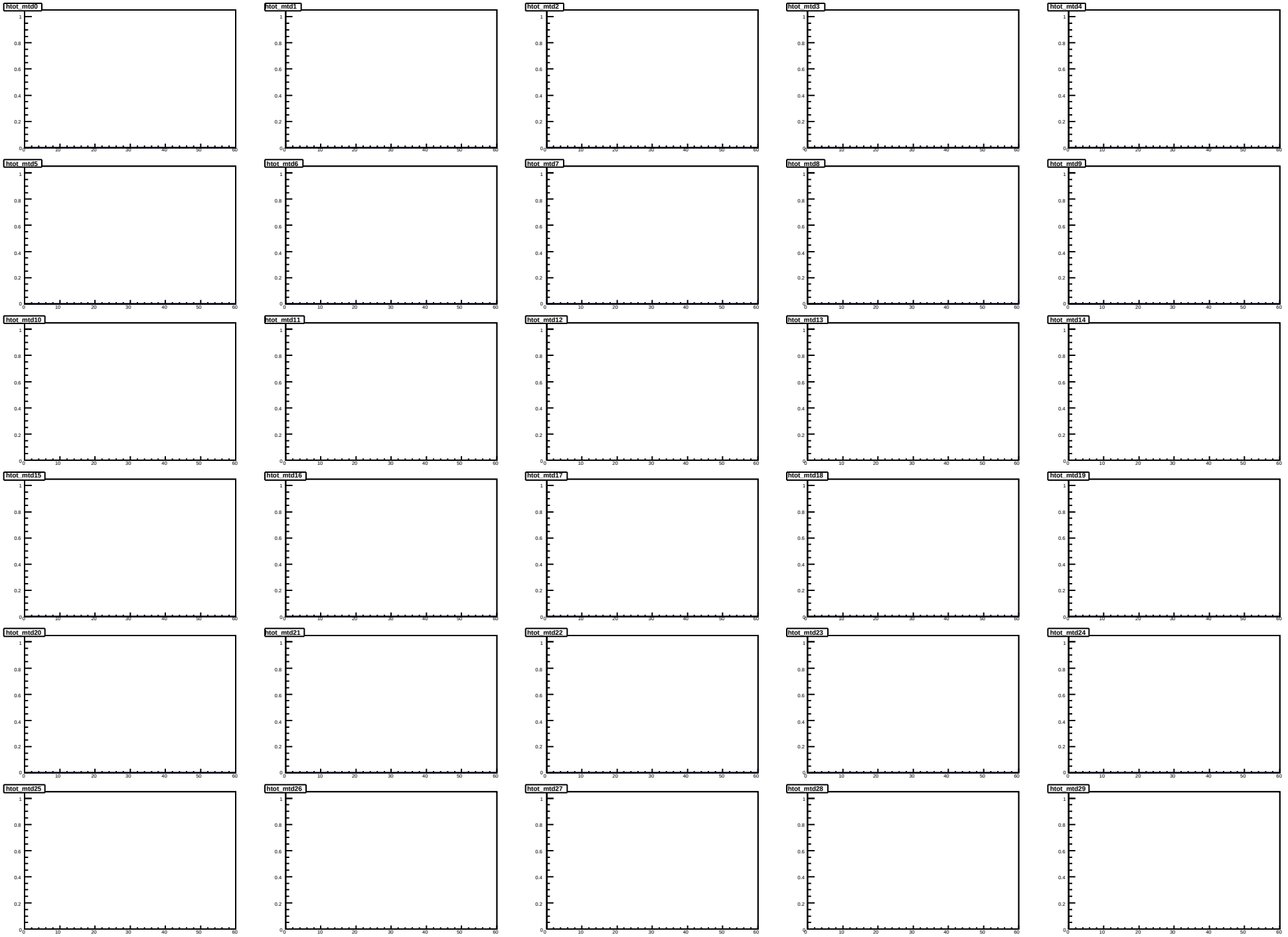
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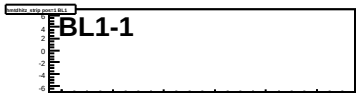
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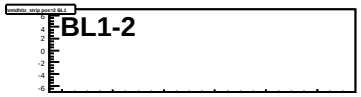
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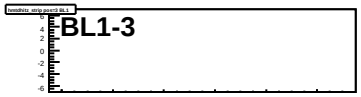
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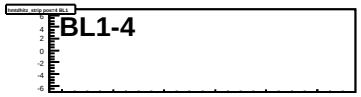
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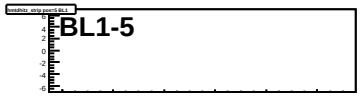
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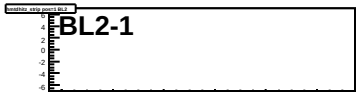
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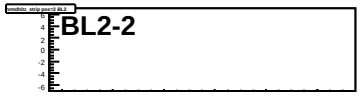
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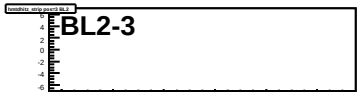
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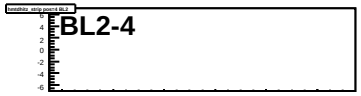
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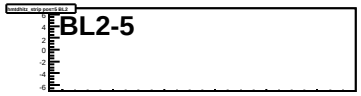
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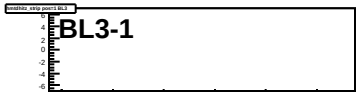
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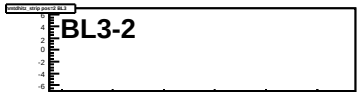
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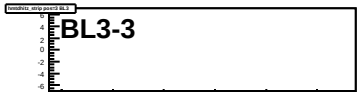
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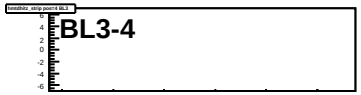
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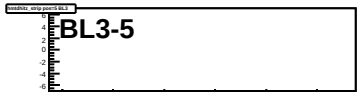
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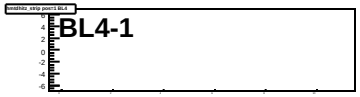
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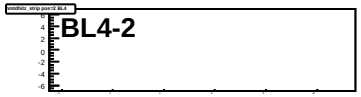
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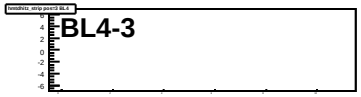
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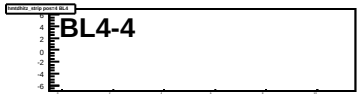
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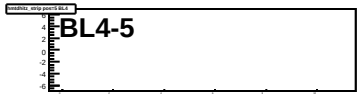
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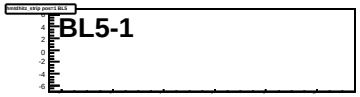
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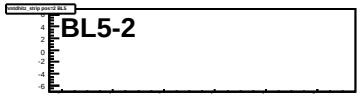
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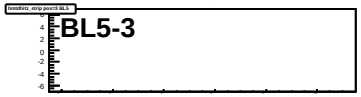
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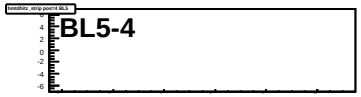
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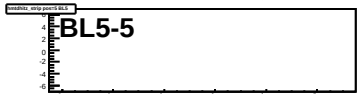
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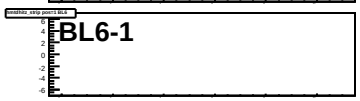
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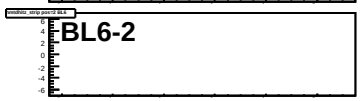
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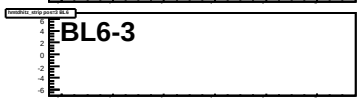
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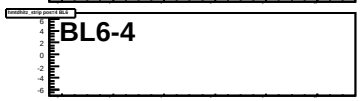
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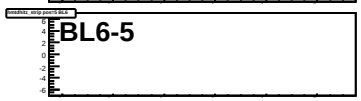
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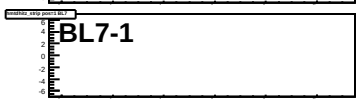
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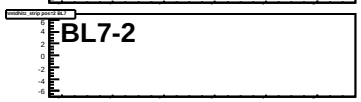
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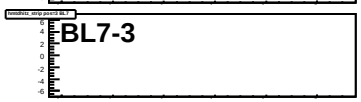
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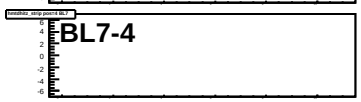
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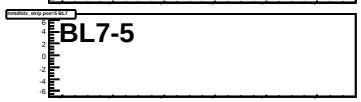
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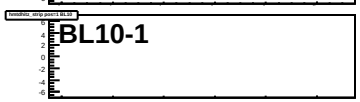
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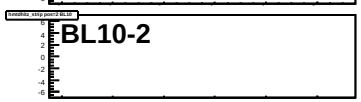
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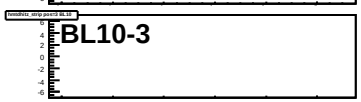
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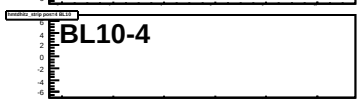
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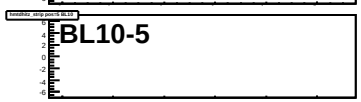
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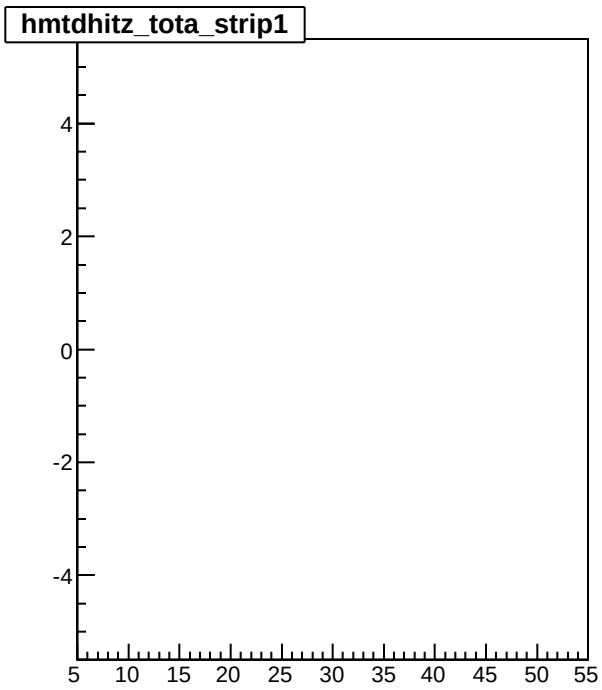
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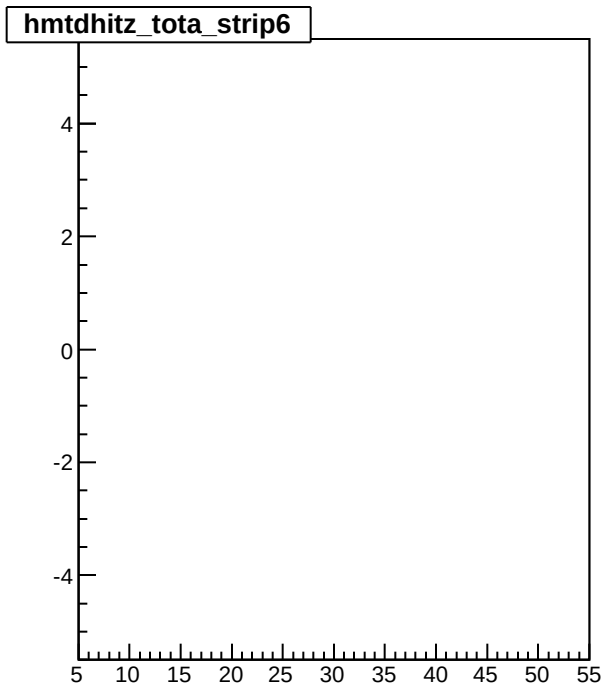
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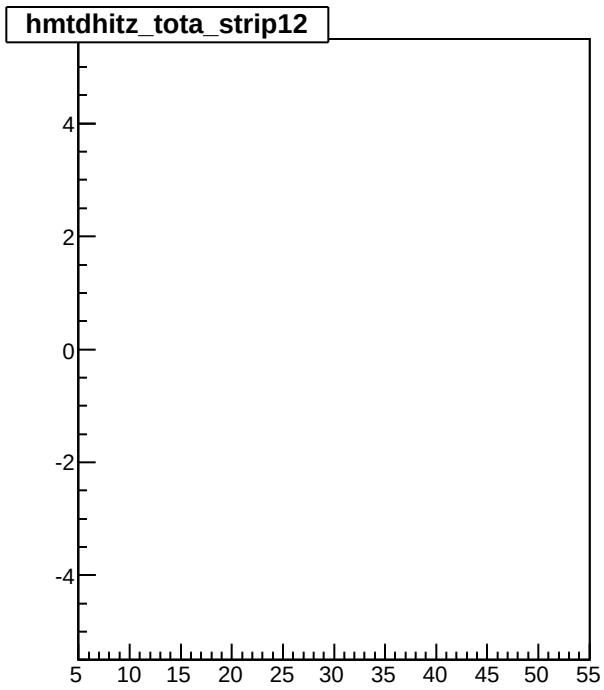
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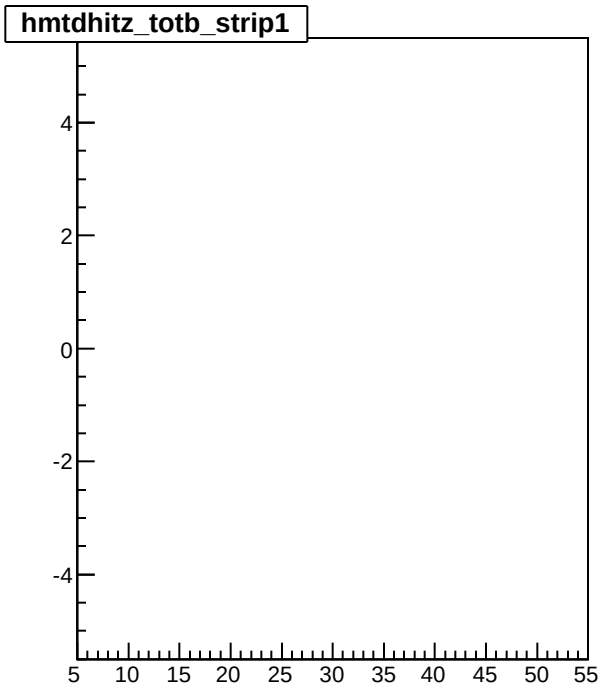
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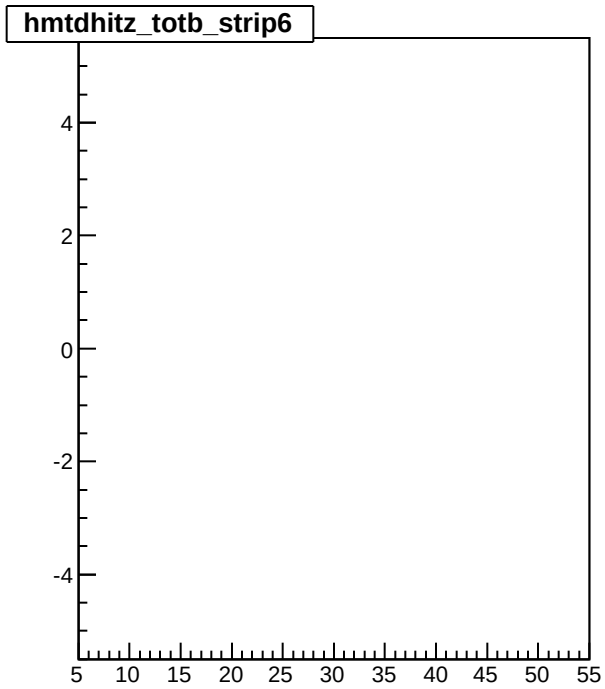
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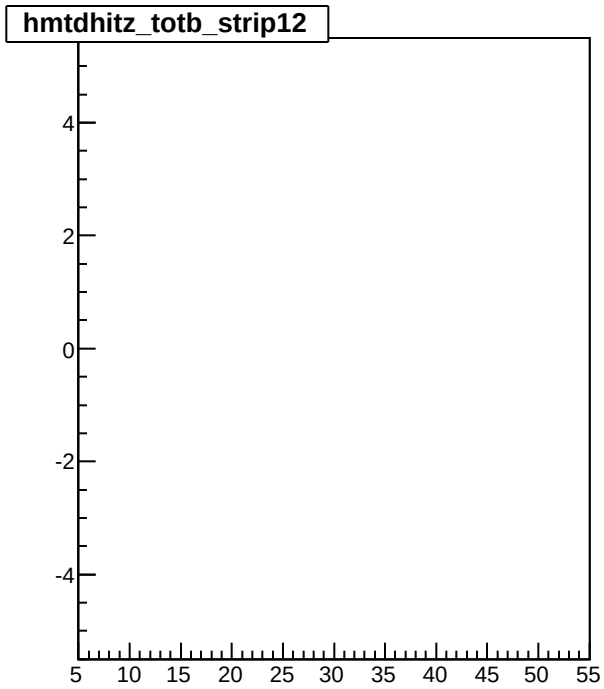
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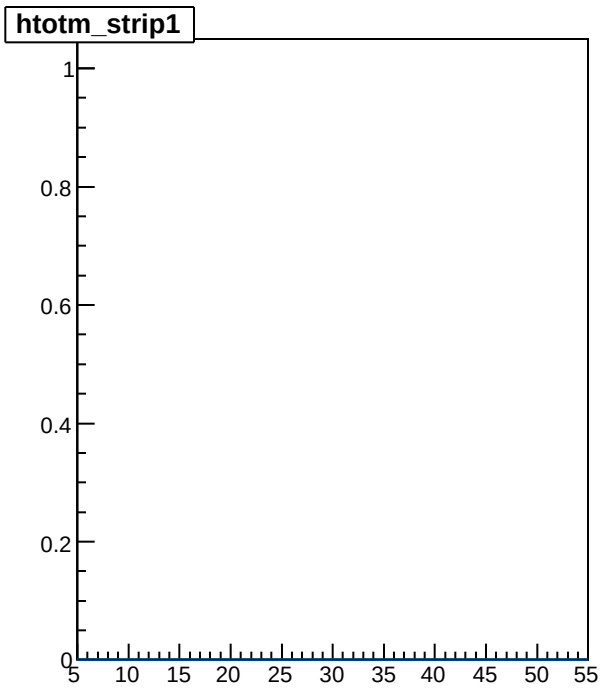
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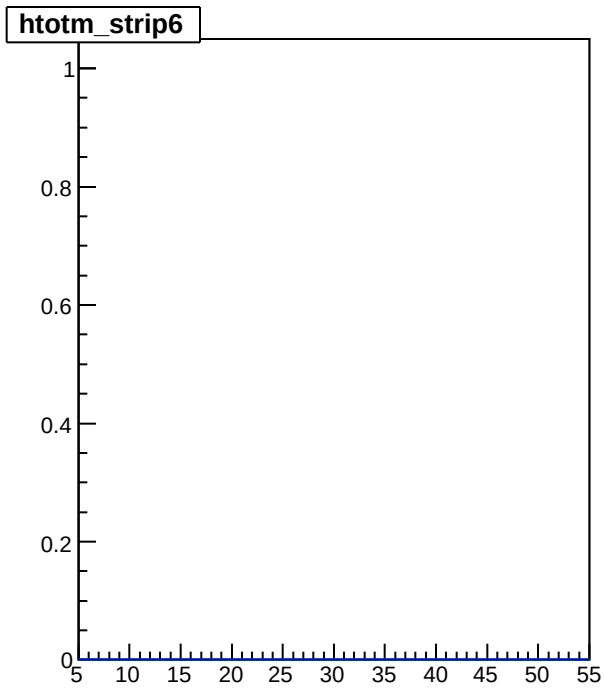
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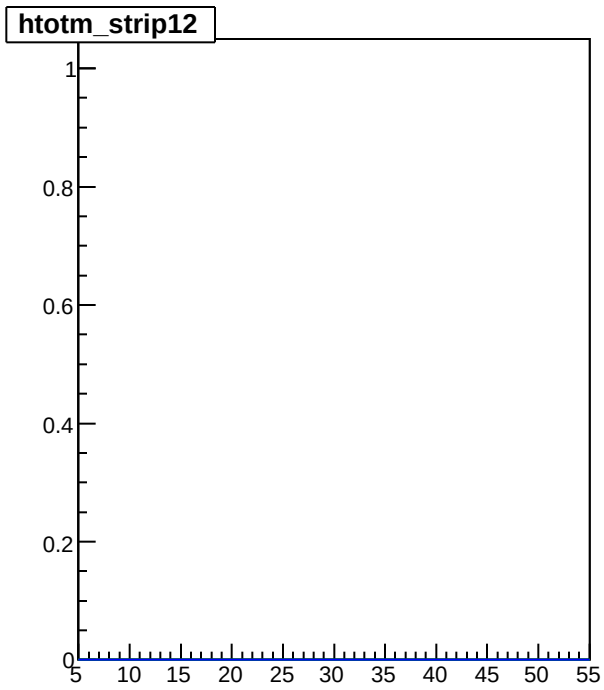
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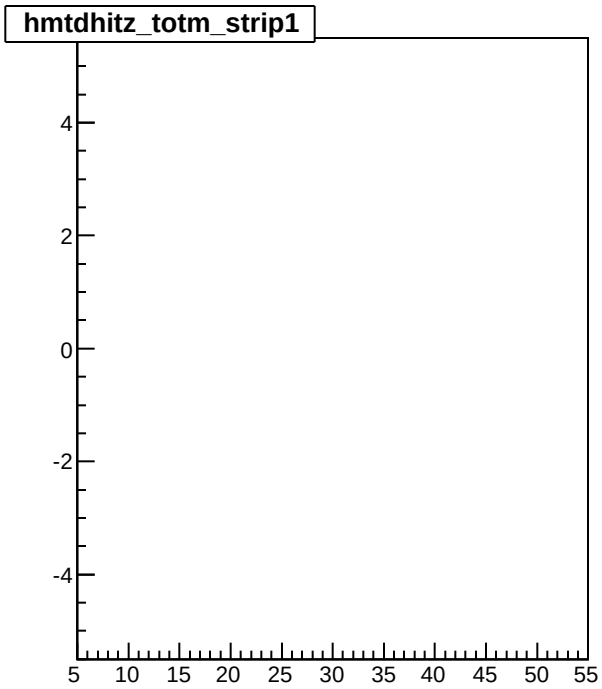
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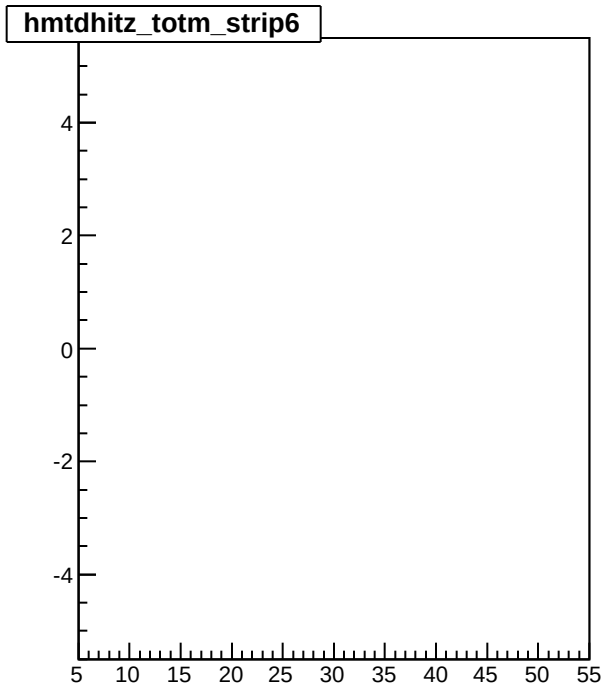
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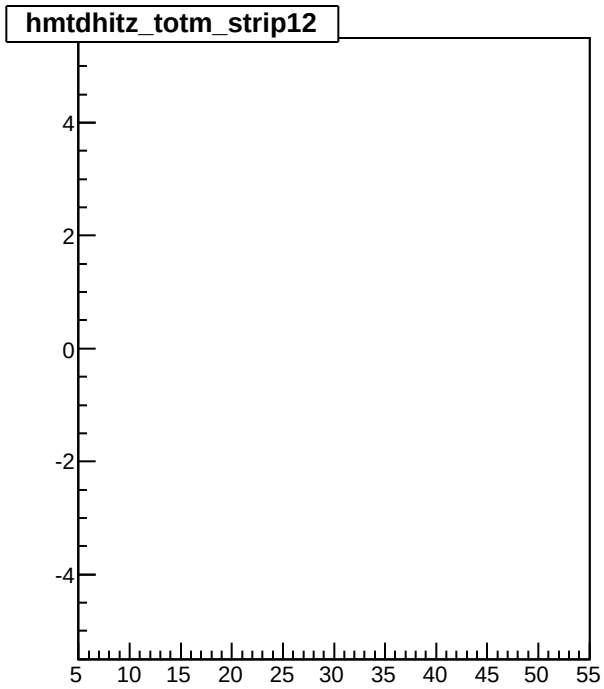
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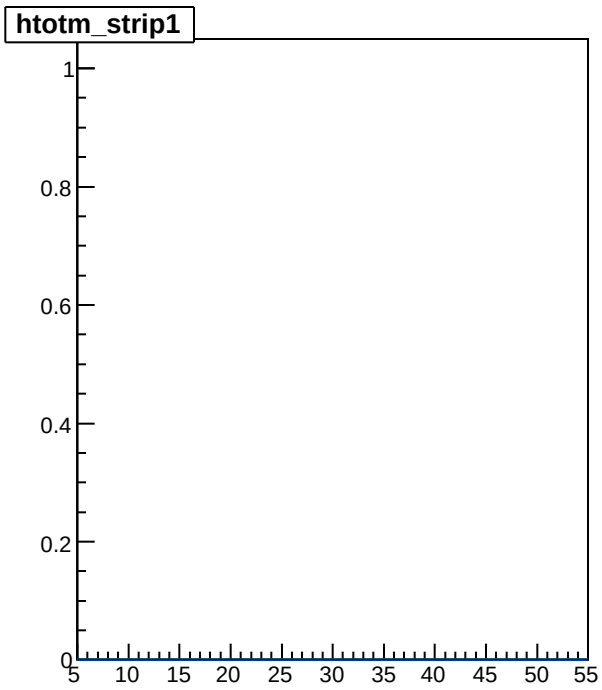
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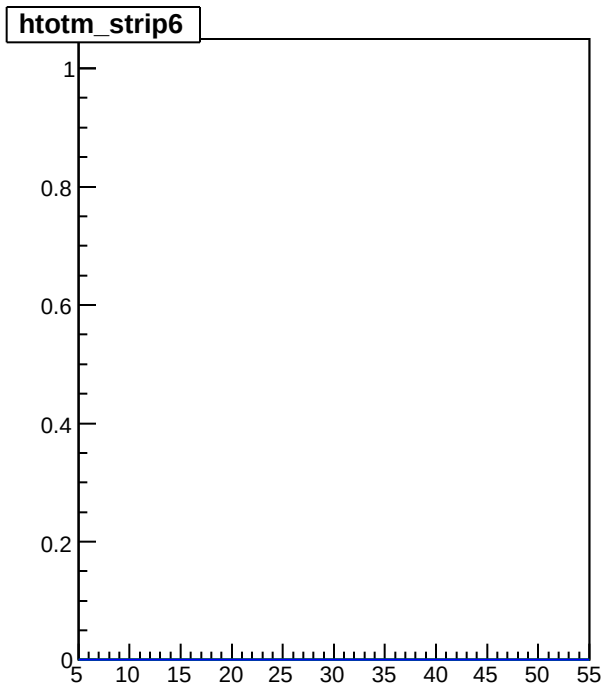
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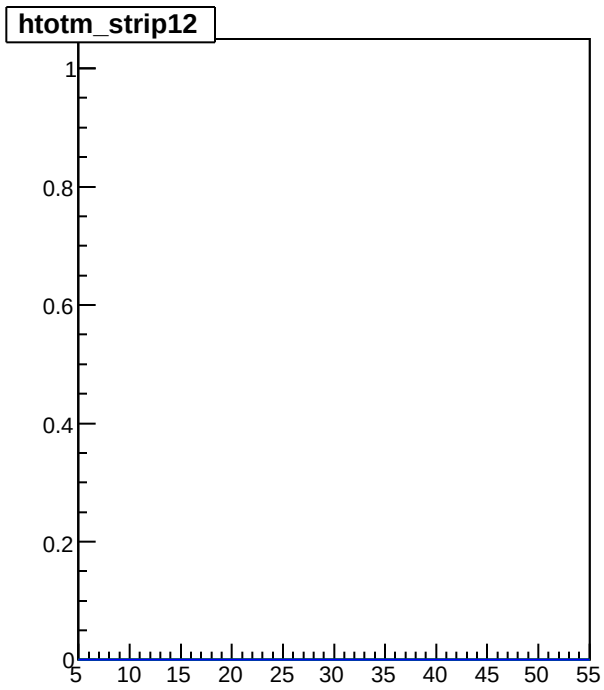
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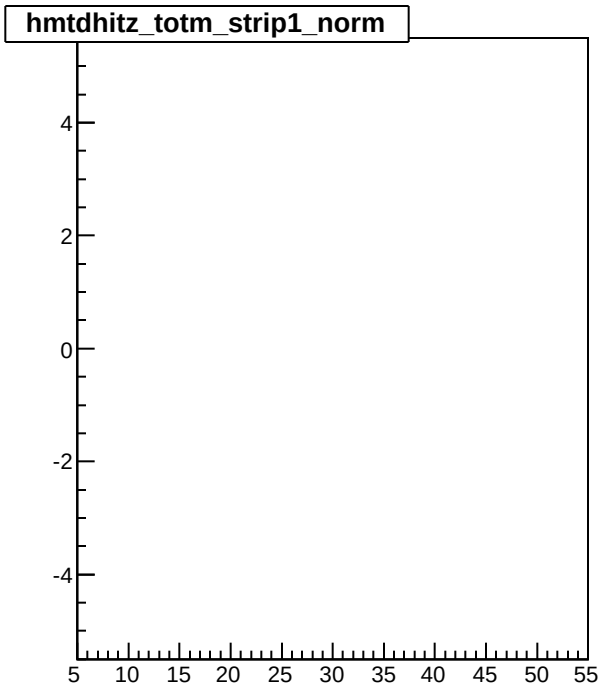
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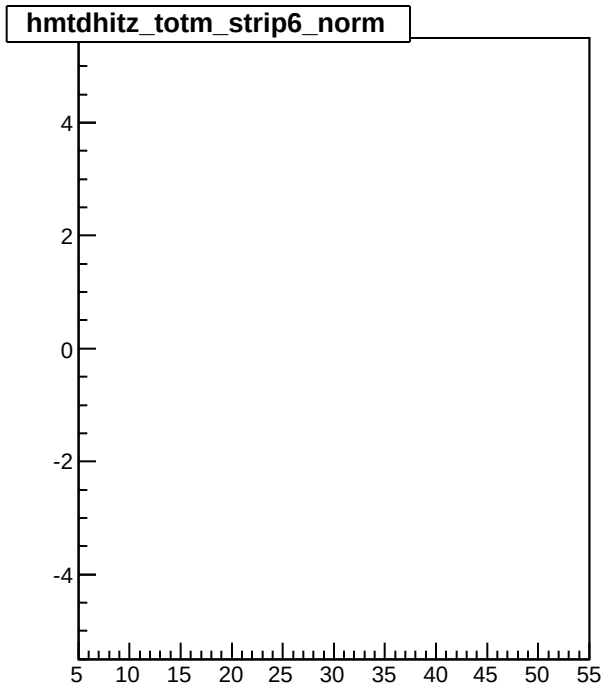
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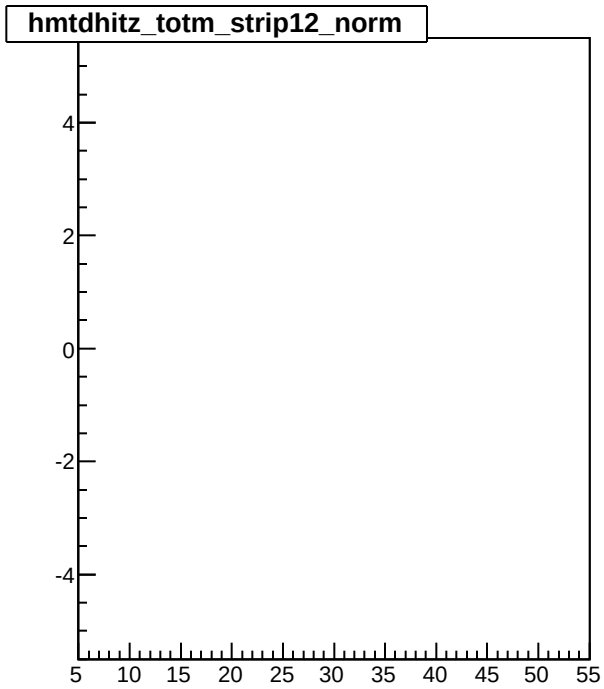
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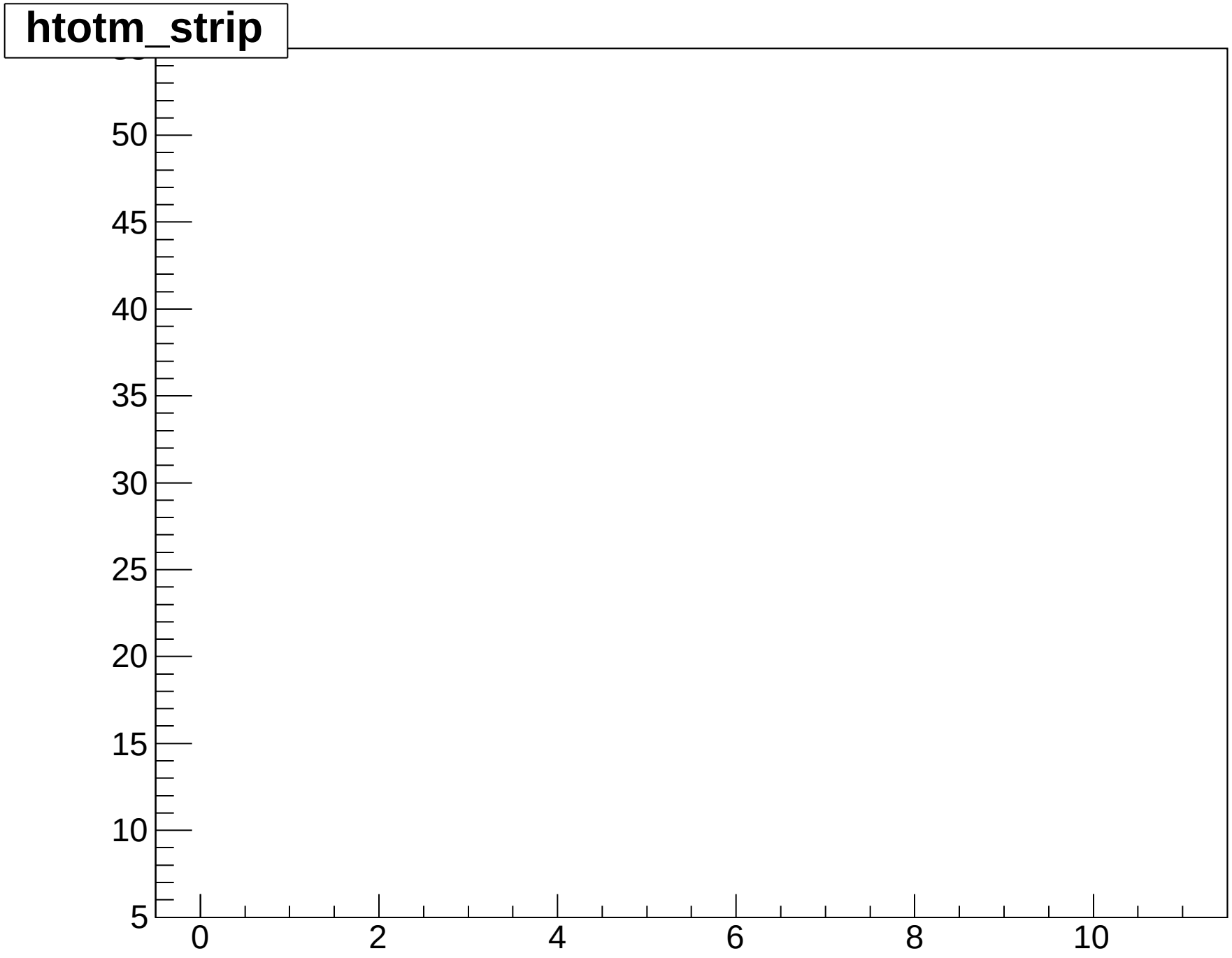
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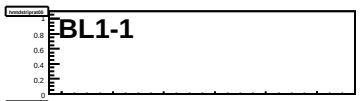
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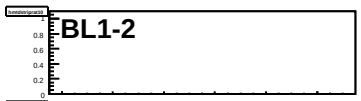
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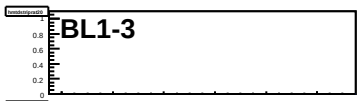
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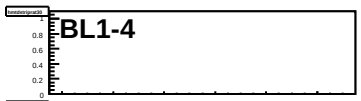
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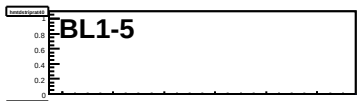
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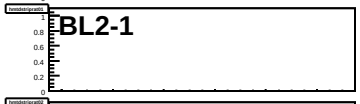
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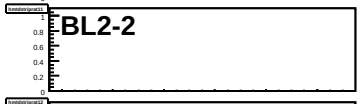
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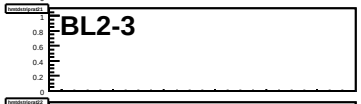
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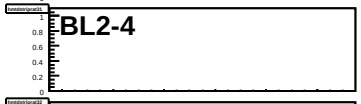
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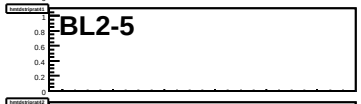
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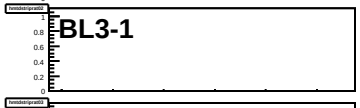
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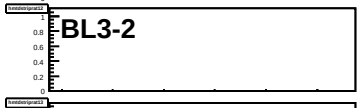
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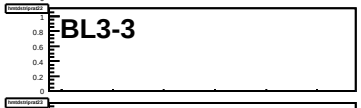
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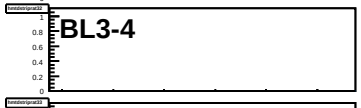
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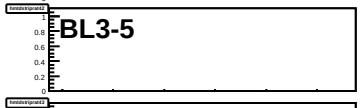
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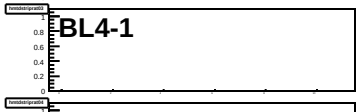
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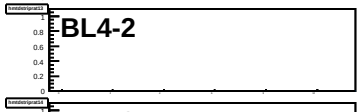
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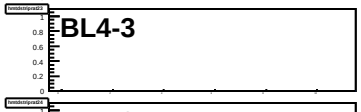
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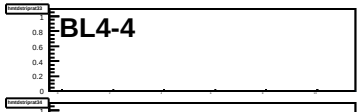
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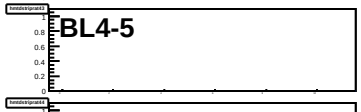
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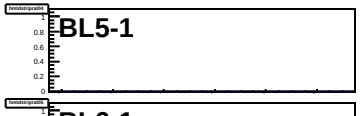
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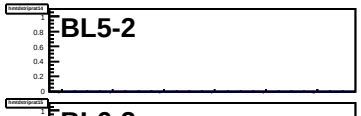
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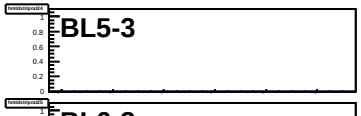
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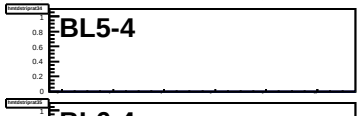
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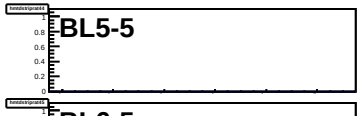
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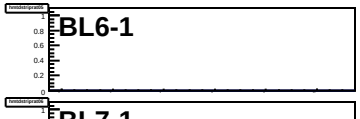
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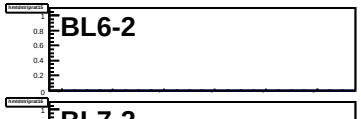
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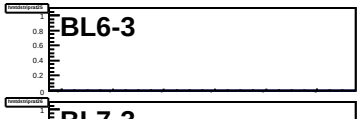
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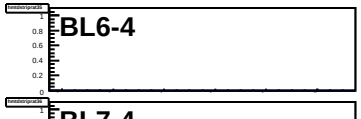
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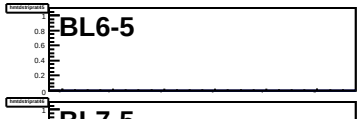
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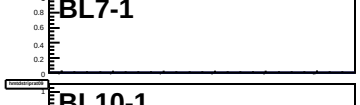
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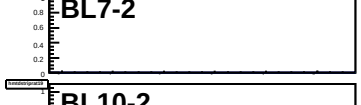
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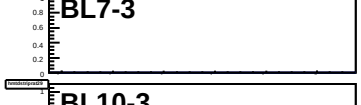
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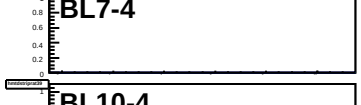
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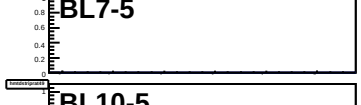
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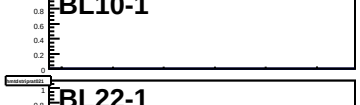
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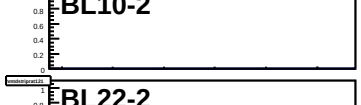
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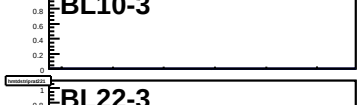
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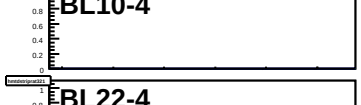
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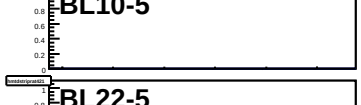
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BL22-1

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