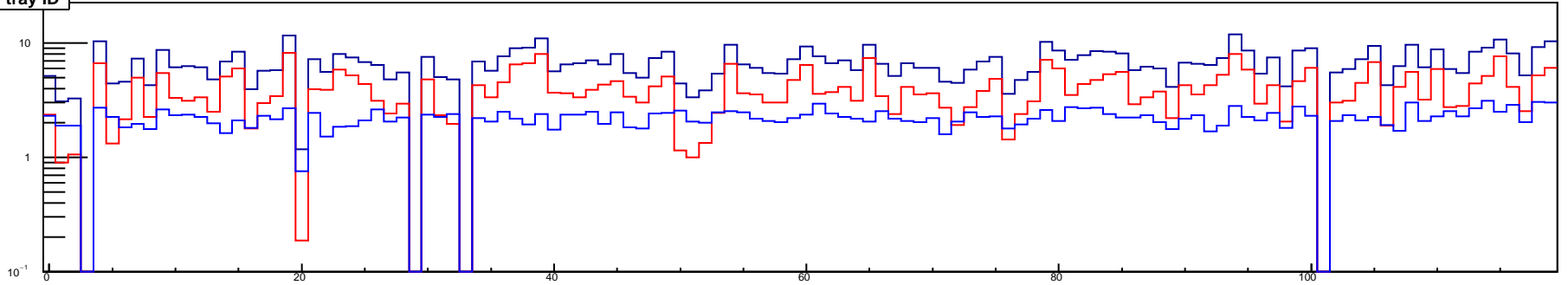
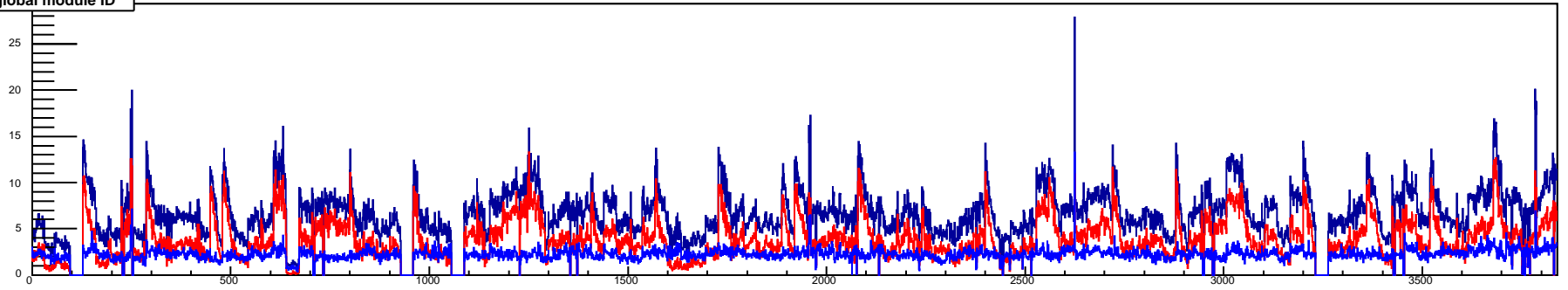


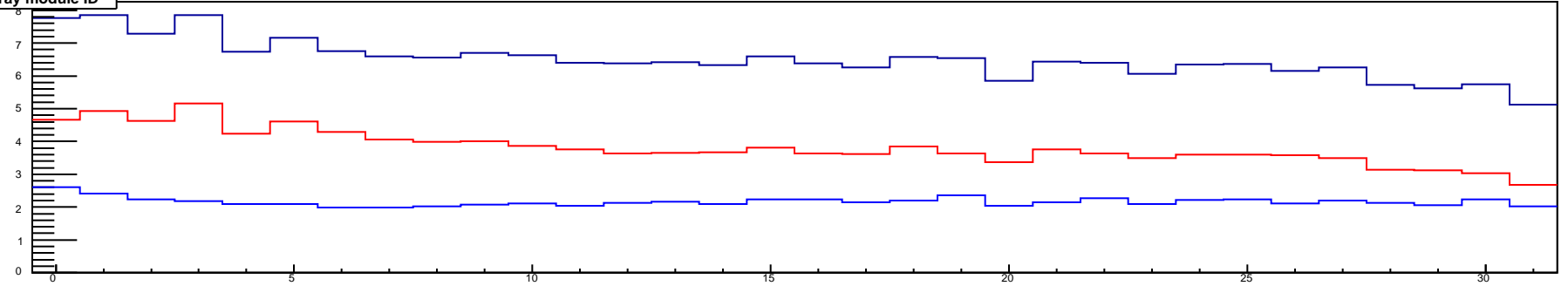
rate/cell by tray ID



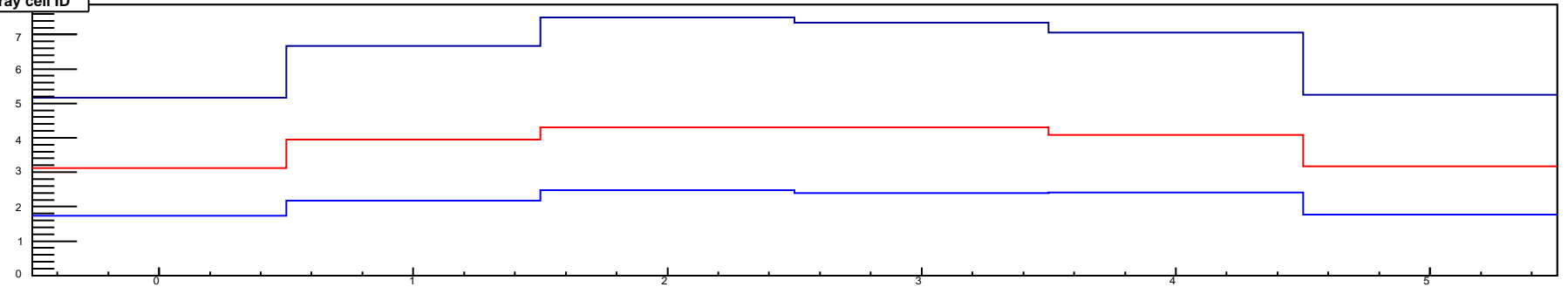
rate/cell by global module ID



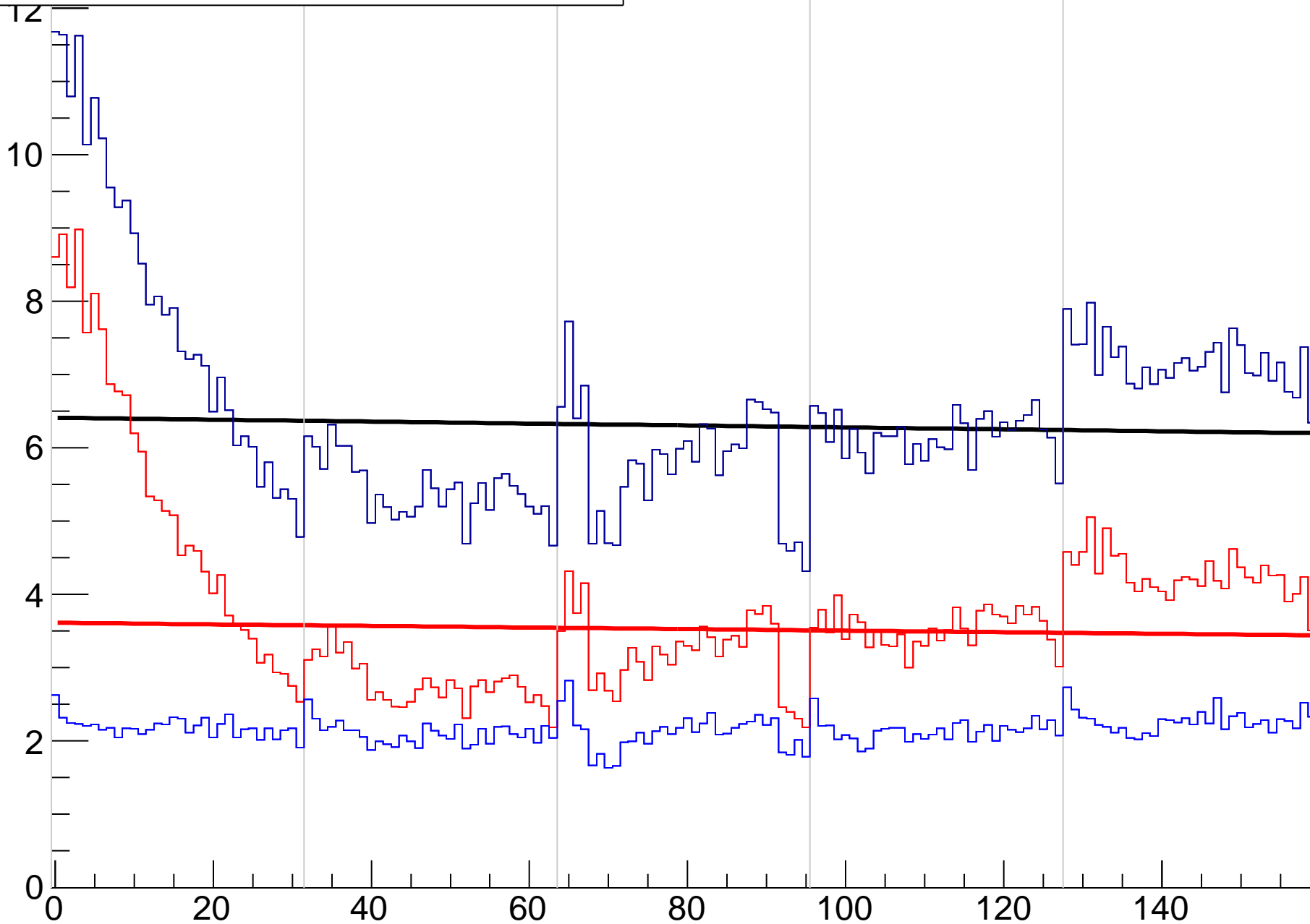
rate/cell by tray module ID



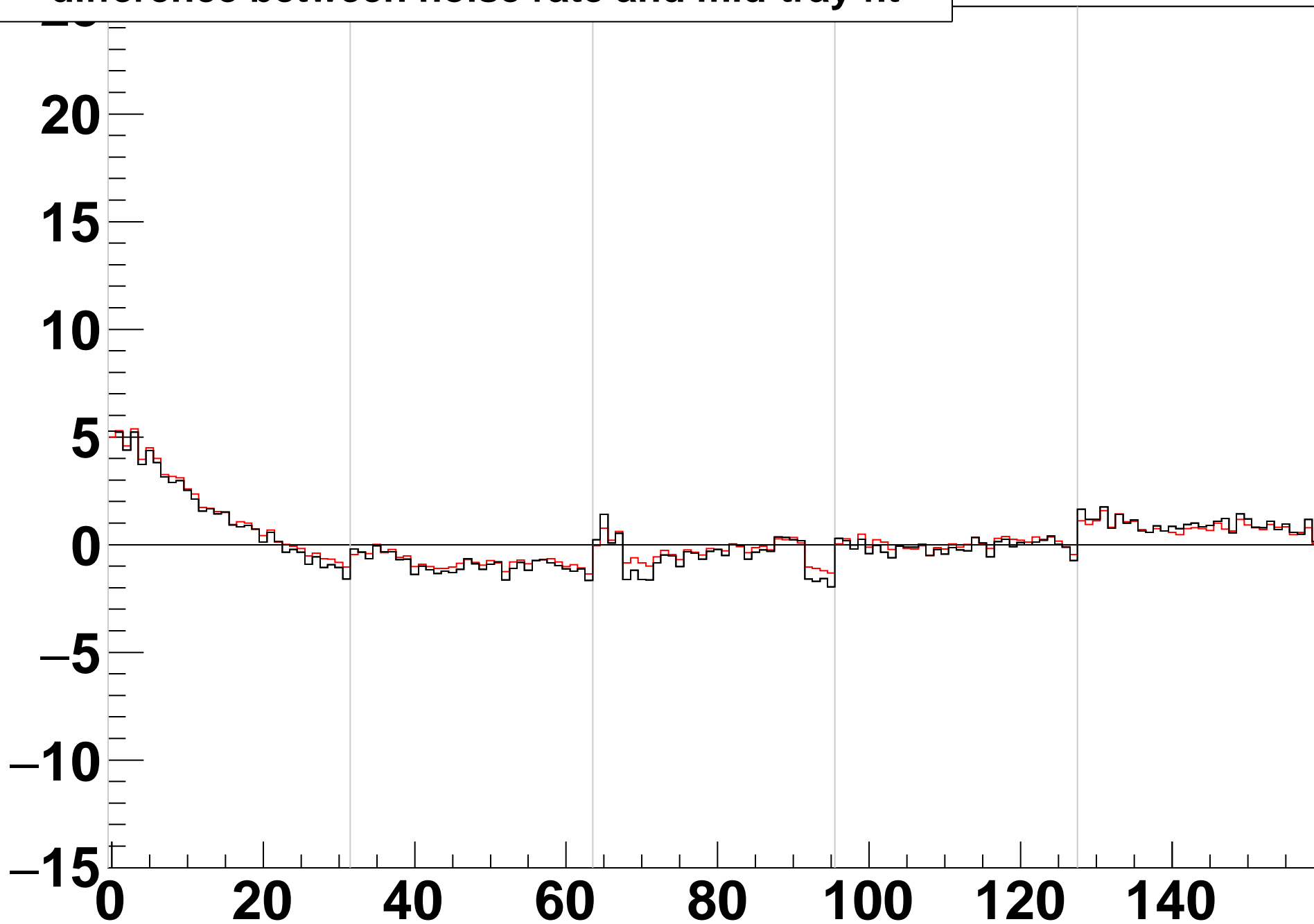
rate/cell by tray cell ID



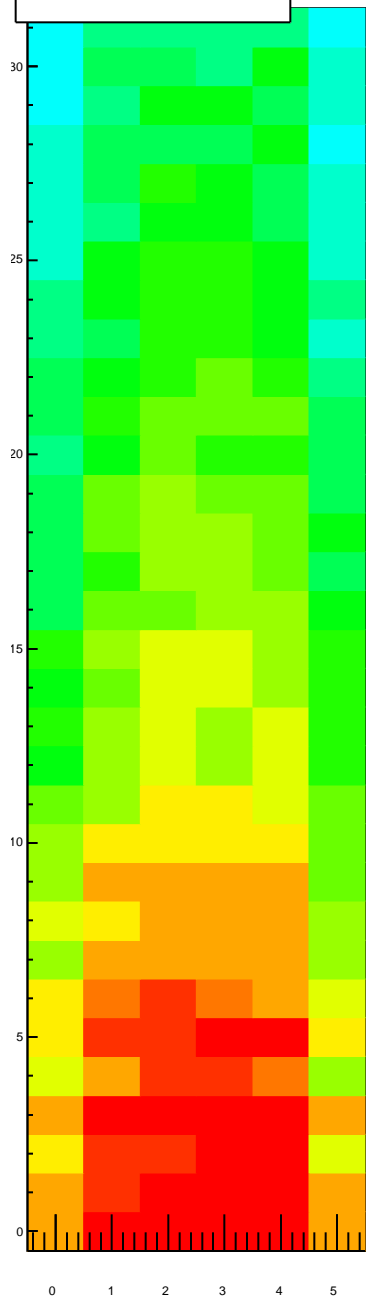
# rate/cell by loop module ID



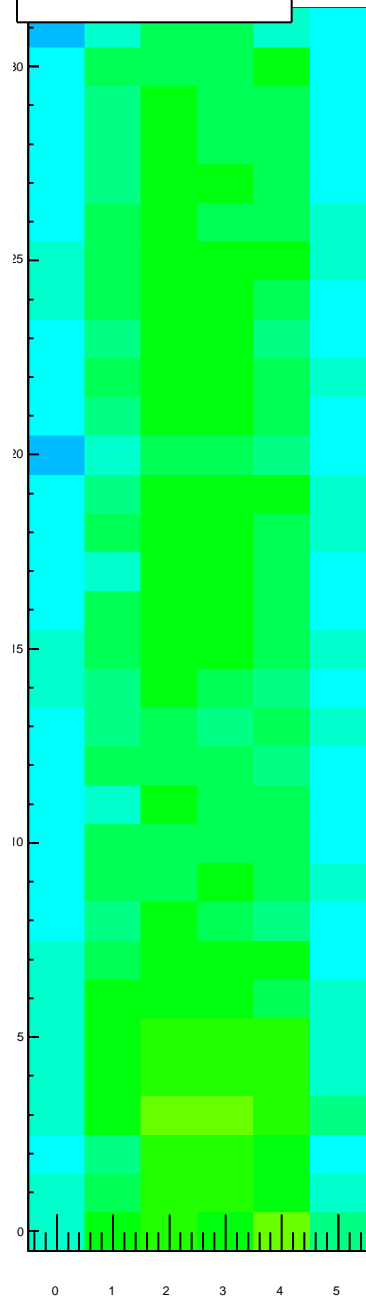
# difference between noise rate and mid-tray fit



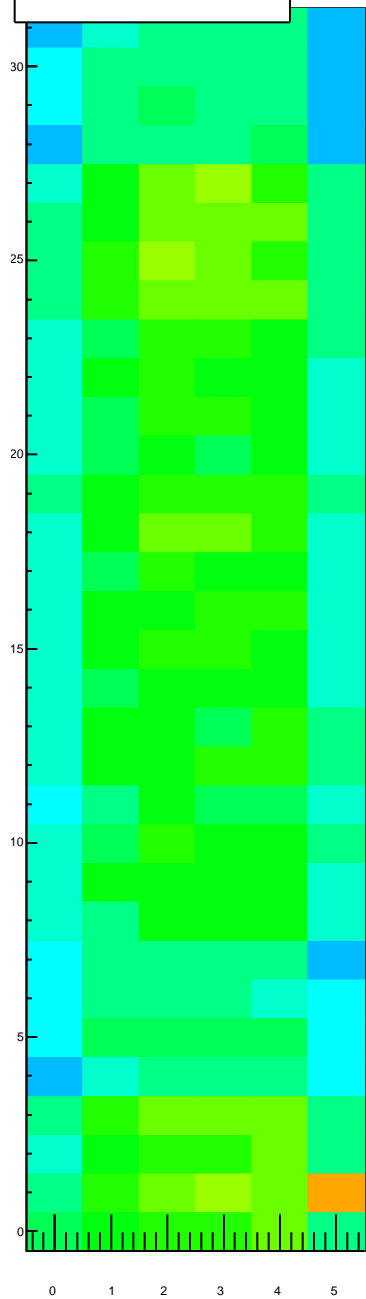
rate/cell by tray module ID, TrayIDinLoop=0



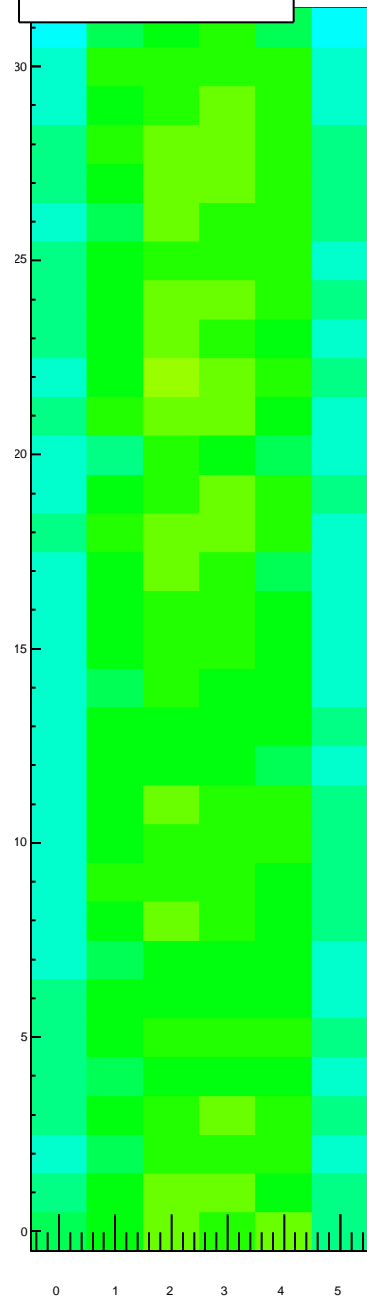
rate/cell by tray module ID, TrayIDinLoop=1



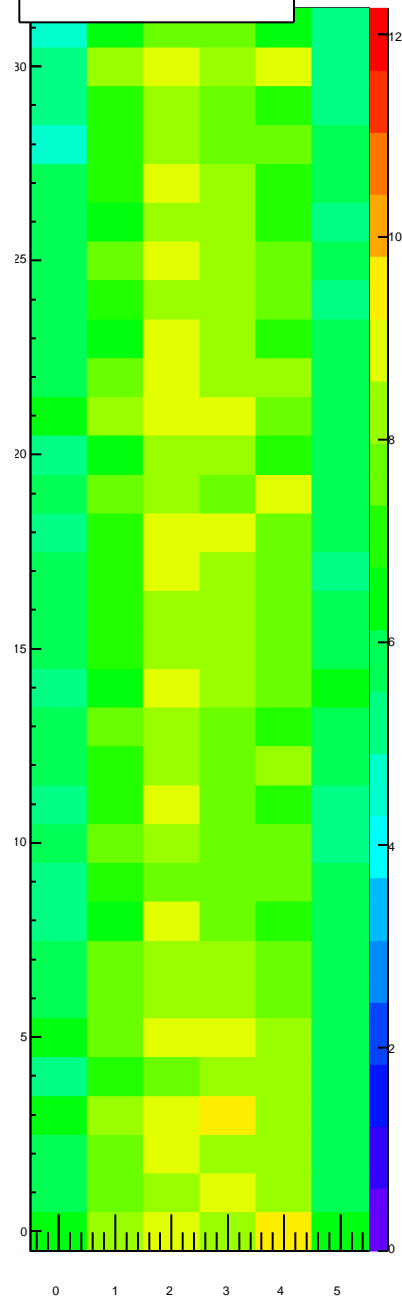
rate/cell by tray module ID, TrayIDinLoop=2



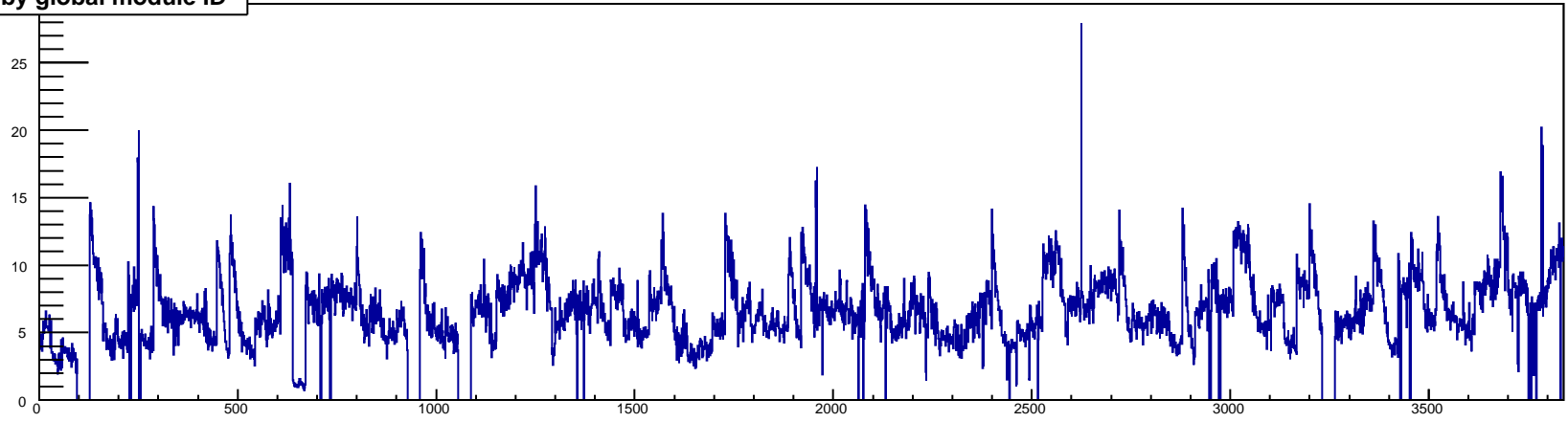
rate/cell by tray module ID, TrayIDinLoop=3



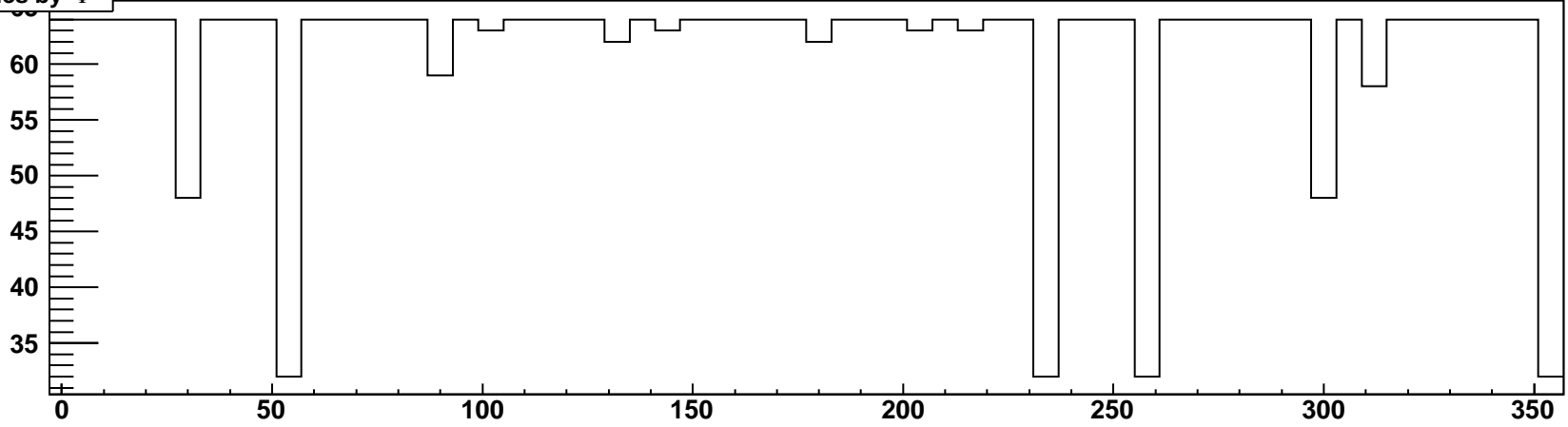
rate/cell by tray module ID, TrayIDinLoop=4



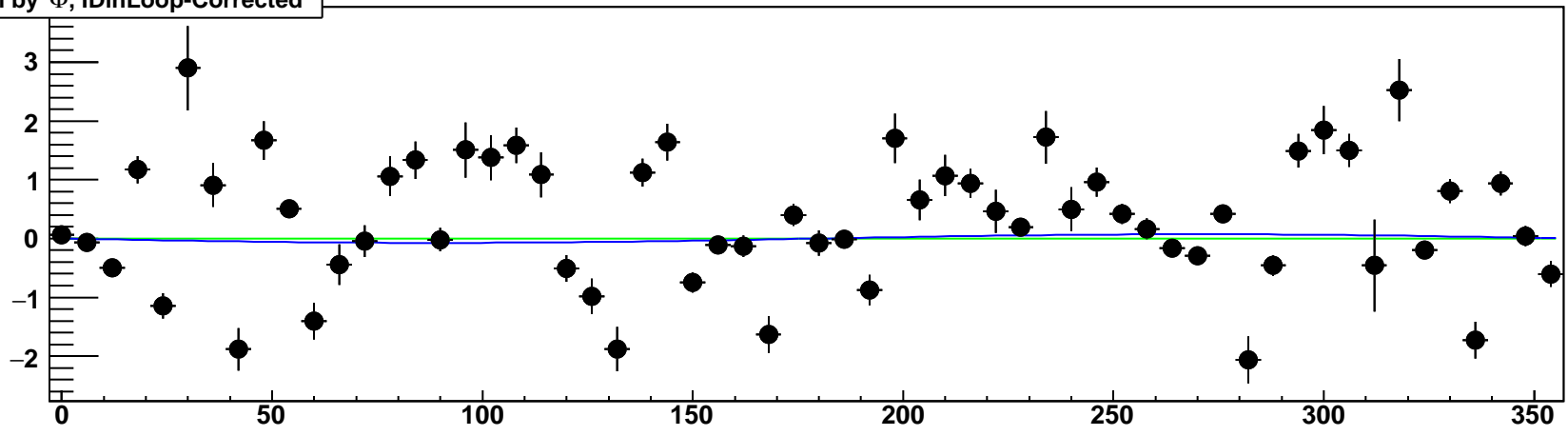
rate/cell by global module ID



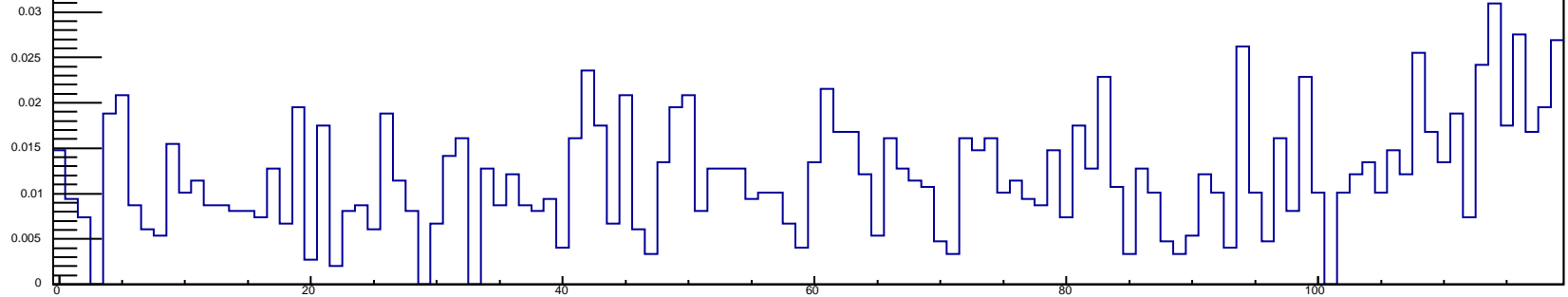
NModules by  $\Phi$



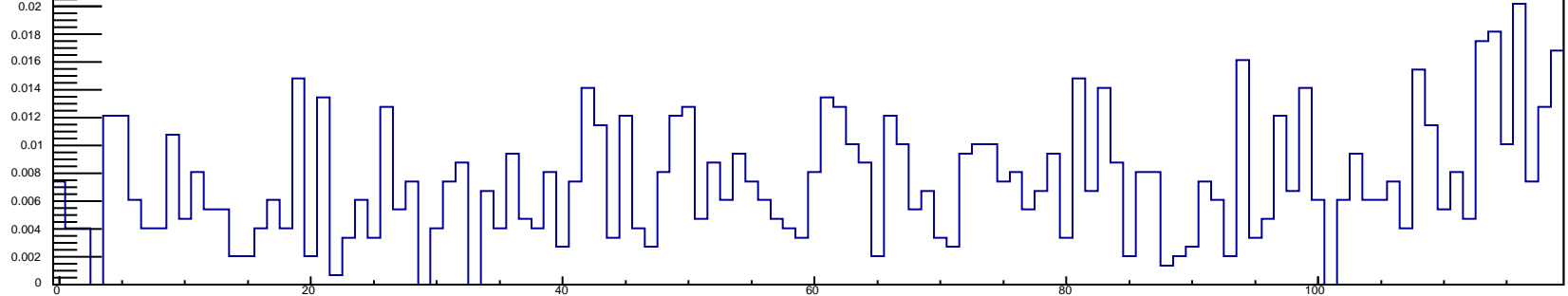
rate/cell by  $\Phi$ , IDinLoop-Corrected



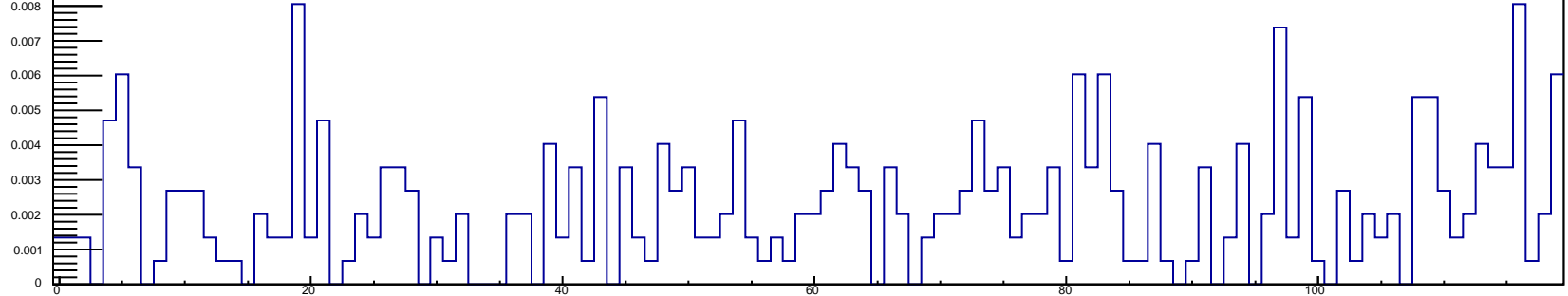
rate/cell by tray ID, nHits/tray/ev>25



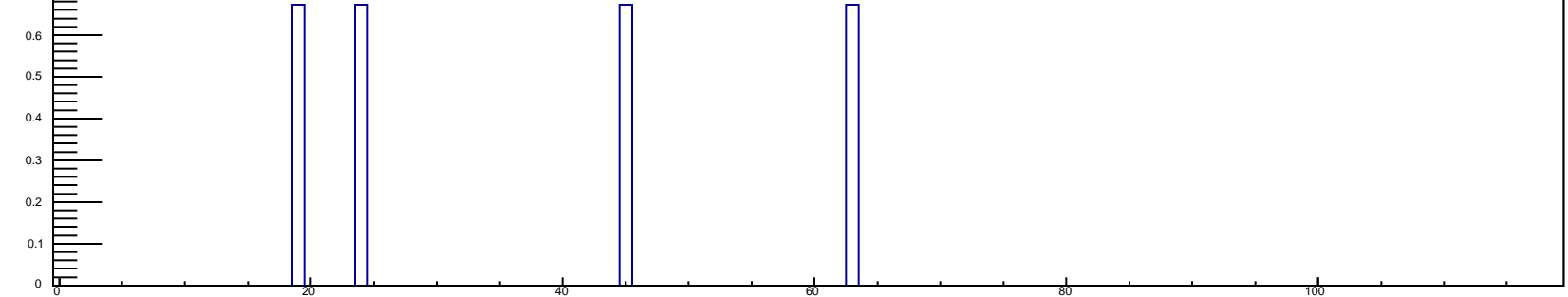
rate/cell by tray ID, nHits/tray/ev>50



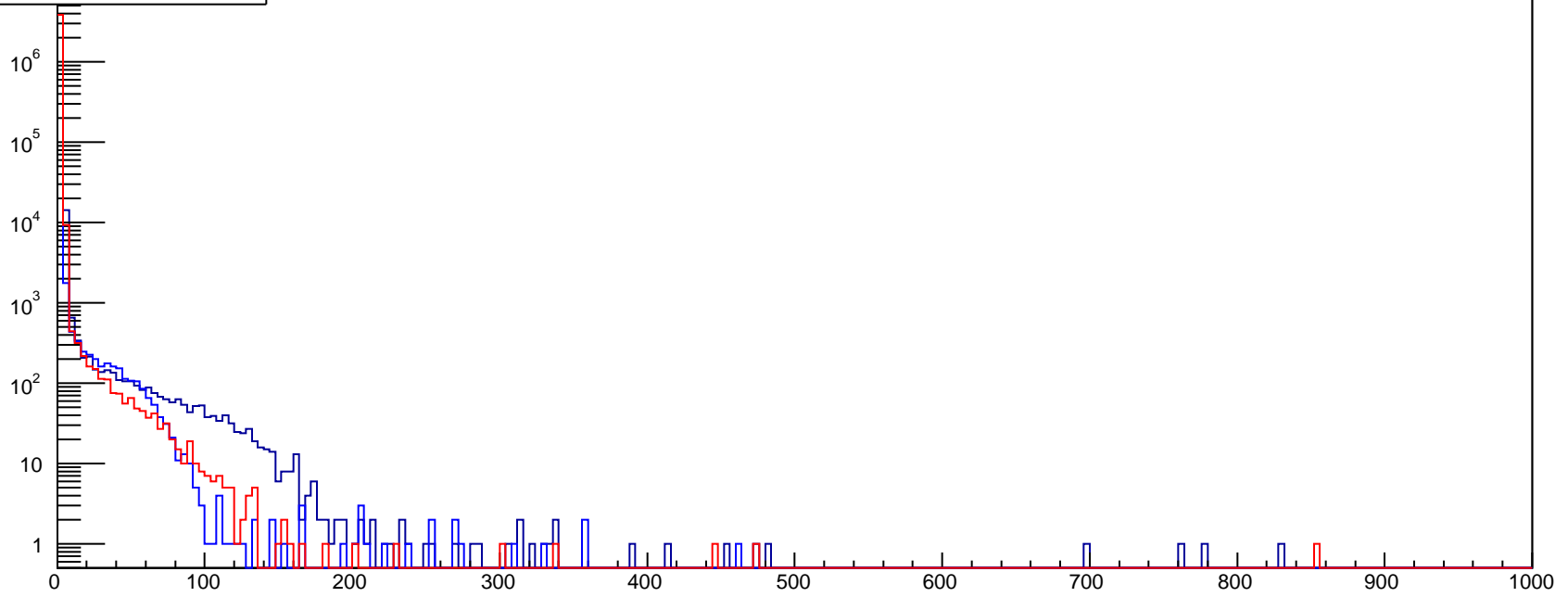
rate/cell by tray ID, nHits/tray/ev>100



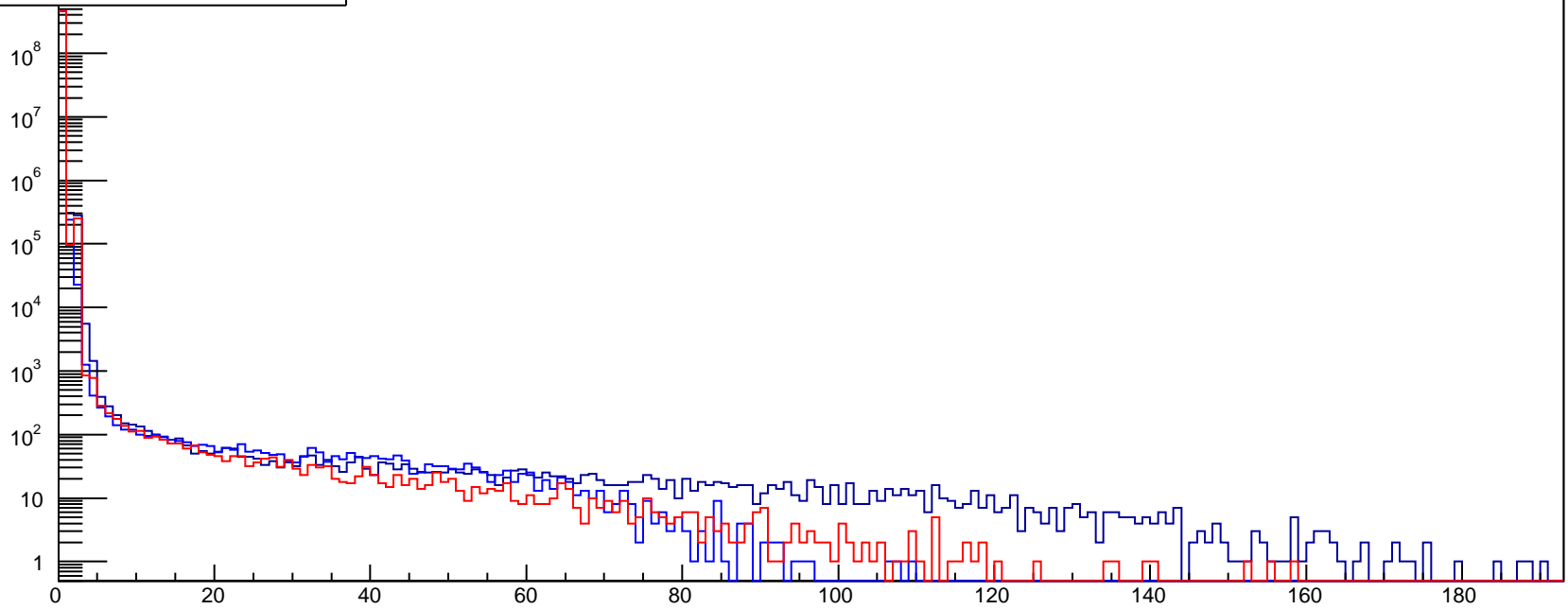
rate/cell by tray ID, nHits/tray/ev>190



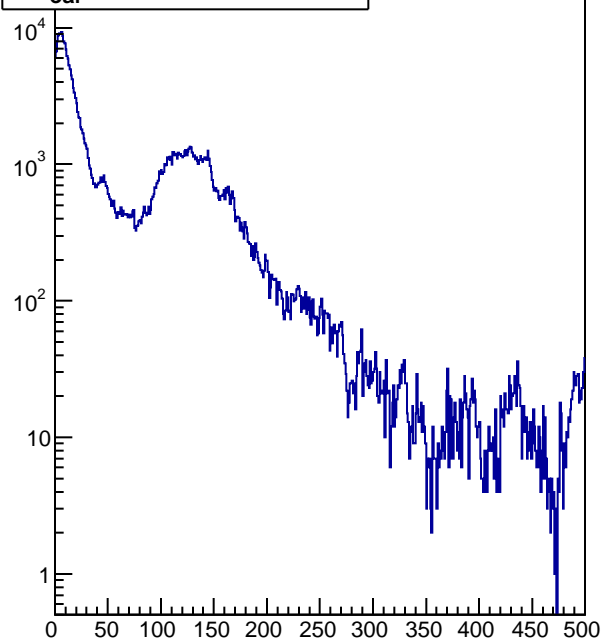
nHits/ev, ToT range



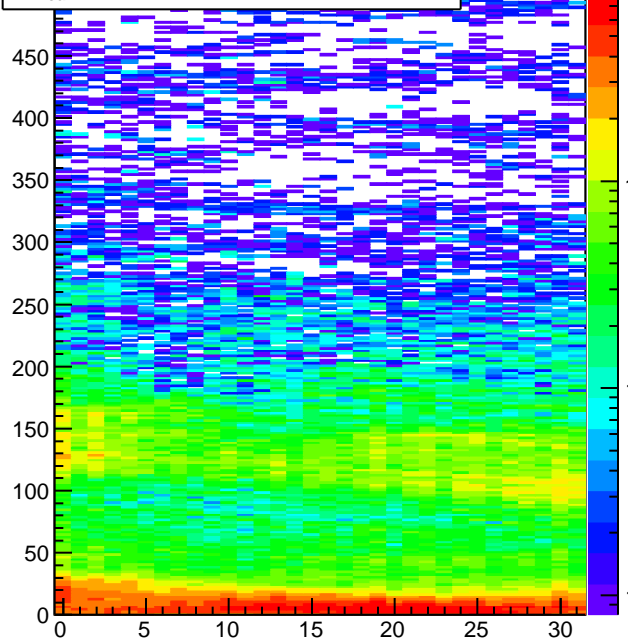
nHits/tray/ev, ToT range



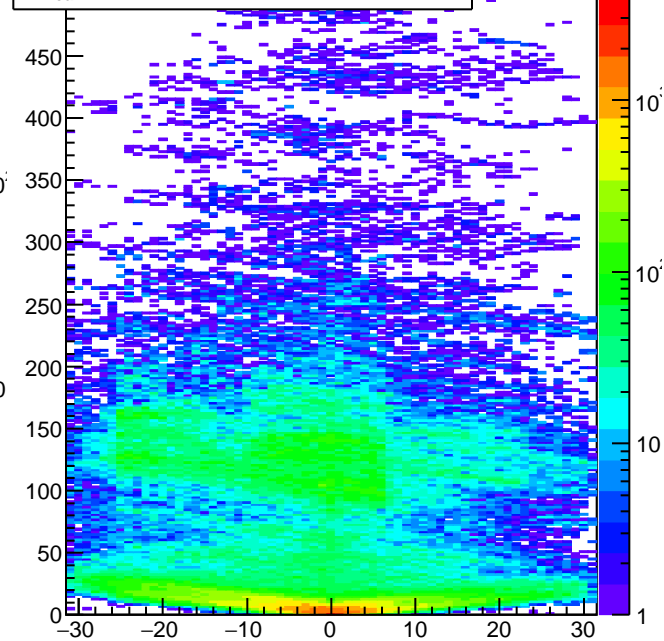
$t-t_{\text{ear}}, n\text{Hits}/\text{tray}/\text{ev}>25$



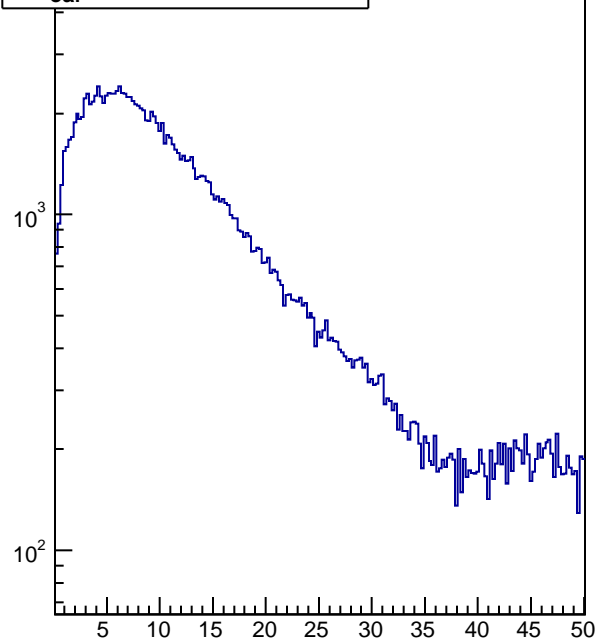
$t-t_{\text{ear}}$  vs module,  $n\text{Hits}/\text{tray}/\text{ev}>25$



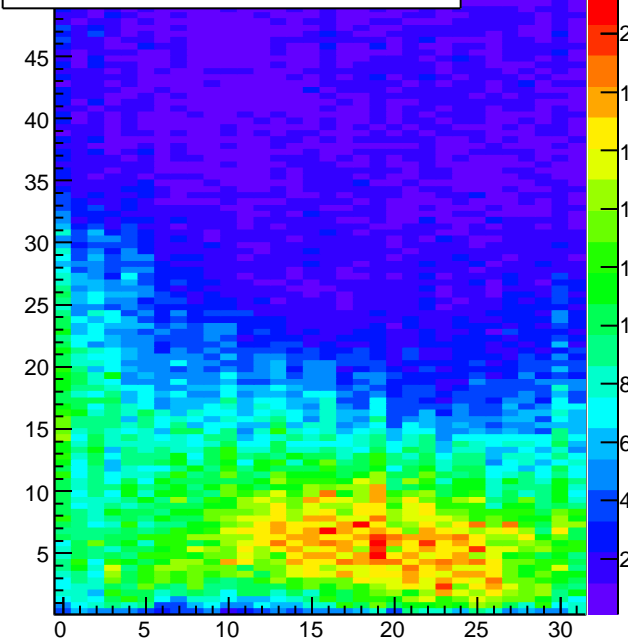
$t-t_{\text{ear}}$  vs rel module,  $n\text{Hits}/\text{tray}/\text{ev}>25$



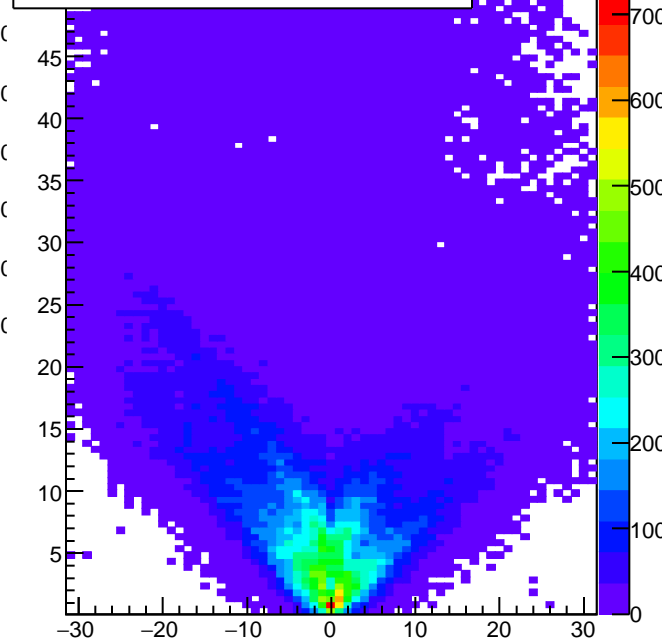
$t-t_{\text{ear}}, n\text{Hits}/\text{tray}/\text{ev}>25$



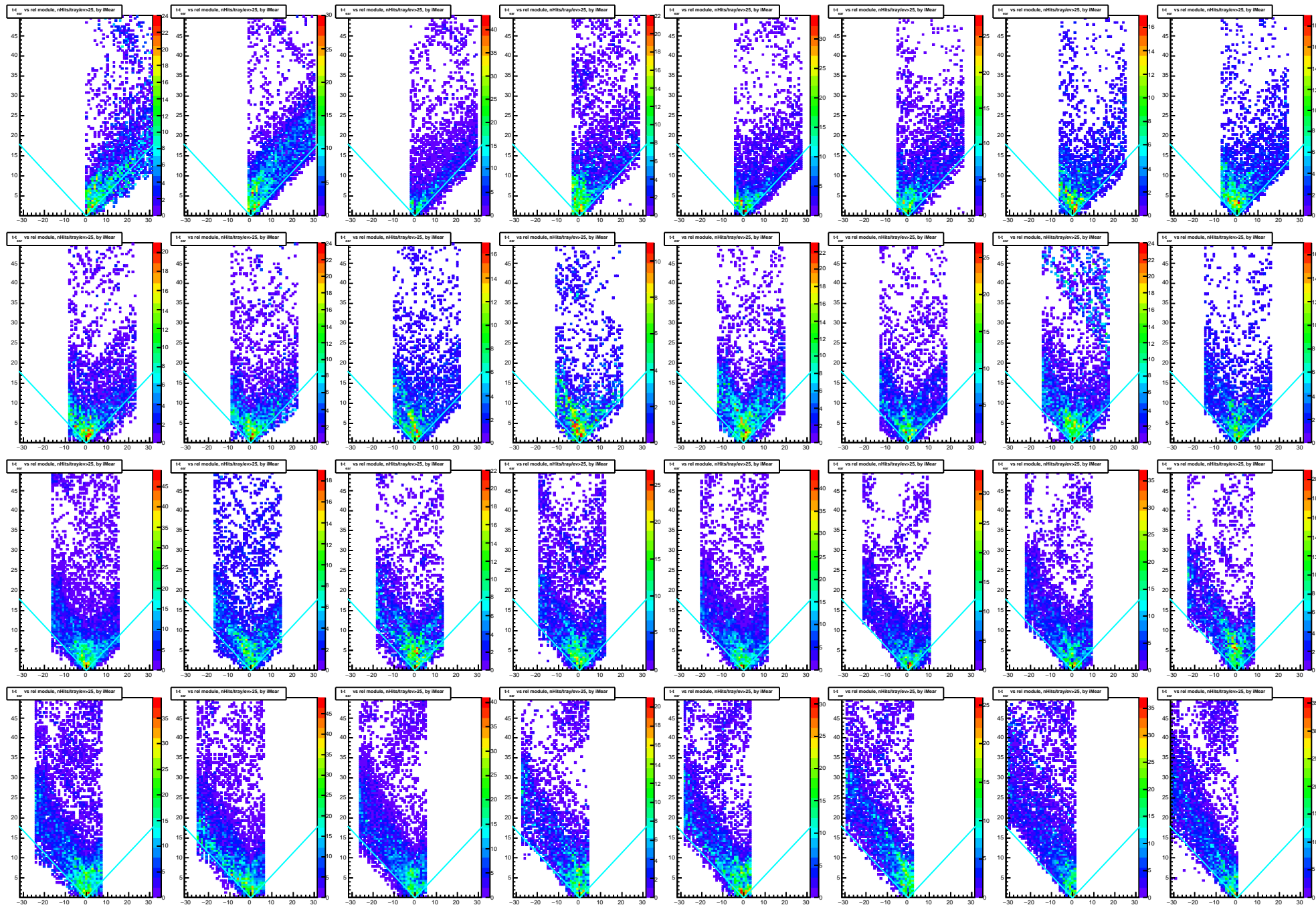
$t-t_{\text{ear}}$  vs module,  $n\text{Hits}/\text{tray}/\text{ev}>25$

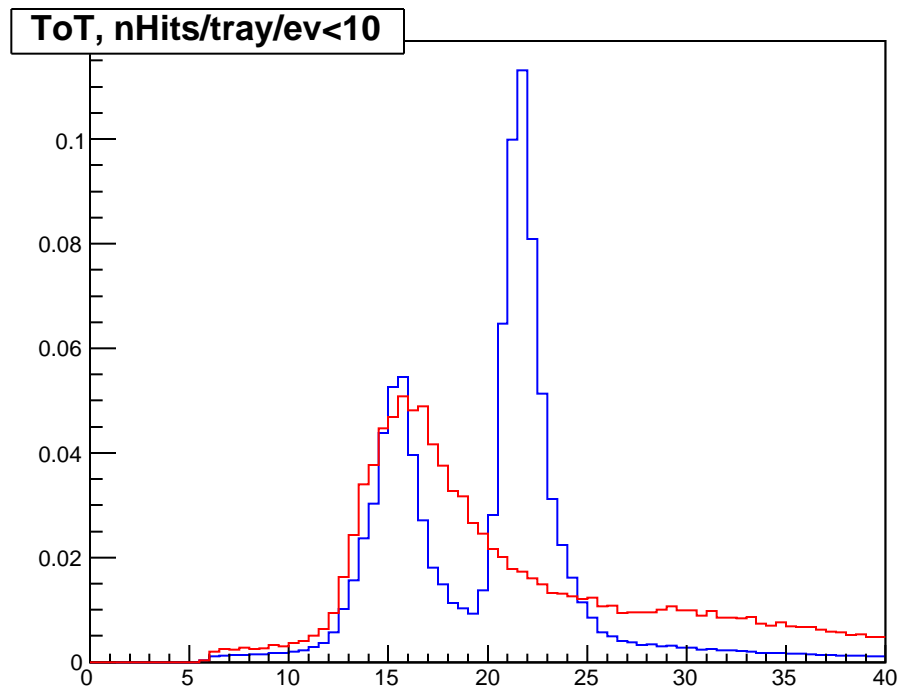
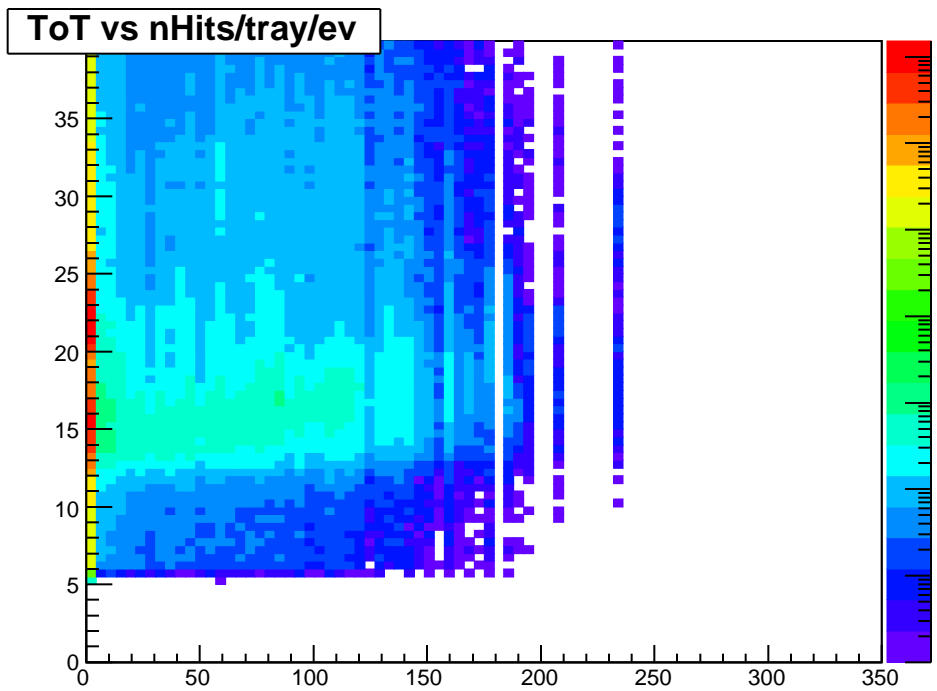
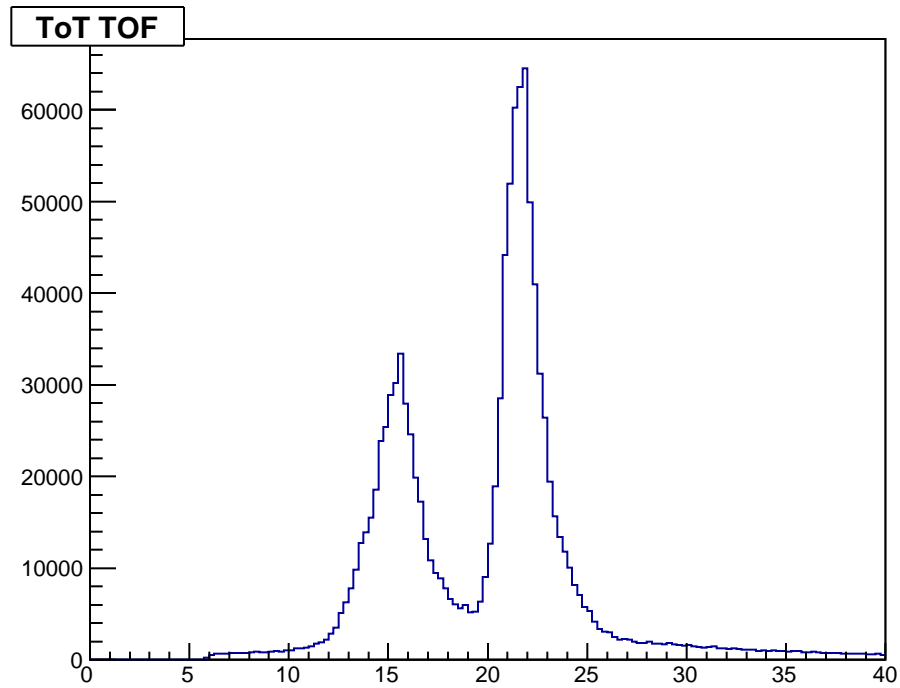
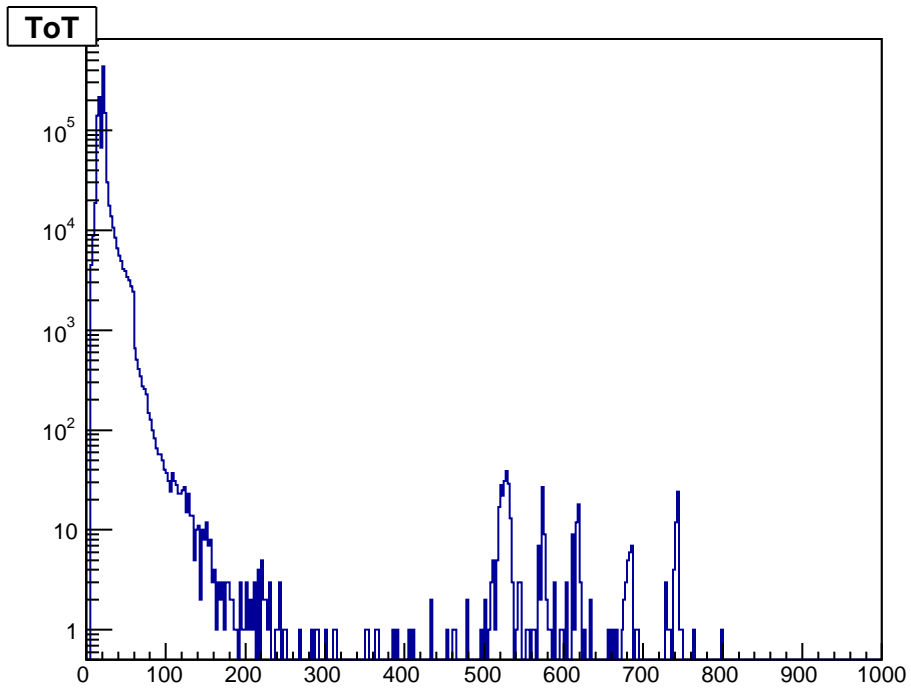


$t-t_{\text{ear}}$  vs rel module,  $n\text{Hits}/\text{tray}/\text{ev}>25$









# Rate (Hz) vs (BL,strip-posn), Run=20017





BL1-1
BL2-1
BL3-1
BL4-1
BL5-1
BL6-1
BL7-1
BL8-1
BL9-1
BL10-1
BL11-1
BL12-1
BL13-1
BL14-1
BL15-1
BL16-1
BL17-1
BL18-1
BL19-1
BL20-1
BL21-1
BL22-1
BL24-1
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
BL8-2
BL9-2
BL10-2
BL11-2
BL12-2
BL13-2
BL14-2
BL15-2
BL16-2
BL17-2
BL18-2
BL19-2
BL20-2
BL21-2
BL22-2
BL24-2
BL25-2
BL26-2
BL27-2
BL28-2
BL29-2
BL30-2

BL1-3
BL2-3
BL3-3
BL4-3
BL5-3
BL6-3
BL7-3
BL8-3
BL9-3
BL10-3
BL11-3
BL12-3
BL13-3
BL14-3
BL15-3
BL16-3
BL17-3
BL18-3
BL19-3
BL20-3
BL21-3
BL22-3
BL24-3
BL25-3
BL26-3
BL27-3
BL28-3
BL29-3
BL30-3

BL1-4
BL2-4
BL3-4
BL4-4
BL5-4
BL6-4
BL7-4
BL8-4
BL9-4
BL10-4
BL11-4
BL12-4
BL13-4
BL14-4
BL15-4
BL16-4
BL17-4
BL18-4
BL19-4
BL20-4
BL21-4
BL22-4
BL24-4
BL25-4
BL26-4
BL27-4
BL28-4
BL29-4
BL30-4

BL1-5
BL2-5
BL3-5
BL4-5
BL5-5
BL6-5
BL7-5
BL8-5
BL9-5
BL10-5
BL11-5
BL12-5
BL13-5
BL14-5
BL15-5
BL16-5
BL17-5
BL18-5
BL19-5
BL20-5
BL21-5
BL22-5
BL24-5
BL25-5
BL26-5
BL27-5
BL28-5
BL29-5
BL30-5

BL1-1
BL2-1
BL3-1
BL4-1
BL5-1
BL6-1
BL7-1
BL8-1
BL9-1
BL10-1
BL11-1
BL12-1
BL13-1
BL14-1
BL15-1
BL16-1
BL17-1
BL18-1
BL19-1
BL20-1
BL21-1
BL22-1
BL24-1
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
BL8-2
BL9-2
BL10-2
BL11-2
BL12-2
BL13-2
BL14-2
BL15-2
BL16-2
BL17-2
BL18-2
BL19-2
BL20-2
BL21-2
BL22-2
BL24-2
BL25-2
BL26-2
BL27-2
BL28-2
BL29-2
BL30-2

BL1-3
BL2-3
BL3-3
BL4-3
BL5-3
BL6-3
BL7-3
BL8-3
BL9-3
BL10-3
BL11-3
BL12-3
BL13-3
BL14-3
BL15-3
BL16-3
BL17-3
BL18-3
BL19-3
BL20-3
BL21-3
BL22-3
BL24-3
BL25-3
BL26-3
BL27-3
BL28-3
BL29-3
BL30-3

BL1-4
BL2-4
BL3-4
BL4-4
BL5-4
BL6-4
BL7-4
BL8-4
BL9-4
BL10-4
BL11-4
BL12-4
BL13-4
BL14-4
BL15-4
BL16-4
BL17-4
BL18-4
BL19-4
BL20-4
BL21-4
BL22-4
BL24-4
BL25-4
BL26-4
BL27-4
BL28-4
BL29-4
BL30-4

BL1-5
BL2-5
BL3-5
BL4-5
BL5-5
BL6-5
BL7-5
BL8-5
BL9-5
BL10-5
BL11-5
BL12-5
BL13-5
BL14-5
BL15-5
BL16-5
BL17-5
BL18-5
BL19-5
BL20-5
BL21-5
BL22-5
BL24-5
BL25-5
BL26-5
BL27-5
BL28-5
BL29-5
BL30-5

EBL1-1
EBL2-1
EBL3-1
EBL4-1
EBL5-1
EBL6-1
EBL7-1
EBL8-1
EBL9-1
EBL10-1
EBL11-1
EBL12-1
EBL13-1
EBL14-1
EBL15-1
EBL16-1
EBL17-1
EBL18-1
EBL19-1
EBL20-1
EBL21-1
EBL22-1
EBL24-1
EBL25-1
EBL26-1
EBL27-1
EBL28-1
EBL29-1
EBL30-1

EBL1-2
EBL2-2
EBL3-2
EBL4-2
EBL5-2
EBL6-2
EBL7-2
EBL8-2
EBL9-2
EBL10-2
EBL11-2
EBL12-2
EBL13-2
EBL14-2
EBL15-2
EBL16-2
EBL17-2
EBL18-2
EBL19-2
EBL20-2
EBL21-2
EBL22-2
EBL24-2
EBL25-2
EBL26-2
EBL27-2
EBL28-2
EBL29-2
EBL30-2

EBL1-3
EBL2-3
EBL3-3
EBL4-3
EBL5-3
EBL6-3
EBL7-3
EBL8-3
EBL9-3
EBL10-3
EBL11-3
EBL12-3
EBL13-3
EBL14-3
EBL15-3
EBL16-3
EBL17-3
EBL18-3
EBL19-3
EBL20-3
EBL21-3
EBL22-3
EBL24-3
EBL25-3
EBL26-3
EBL27-3
EBL28-3
EBL29-3
EBL30-3

EBL1-4
EBL2-4
EBL3-4
EBL4-4
EBL5-4
EBL6-4
EBL7-4
EBL8-4
EBL9-4
EBL10-4
EBL11-4
EBL12-4
EBL13-4
EBL14-4
EBL15-4
EBL16-4
EBL17-4
EBL18-4
EBL19-4
EBL20-4
EBL21-4
EBL22-4
EBL24-4
EBL25-4
EBL26-4
EBL27-4
EBL28-4
EBL29-4
EBL30-4

EBL1-5
EBL2-5
EBL3-5
EBL4-5
EBL5-5
EBL6-5
EBL7-5
EBL8-5
EBL9-5
EBL10-5
EBL11-5
EBL12-5
EBL13-5
EBL14-5
EBL15-5
EBL16-5
EBL17-5
EBL18-5
EBL19-5
EBL20-5
EBL21-5
EBL22-5
EBL24-5
EBL25-5
EBL26-5
EBL27-5
EBL28-5
EBL29-5
EBL30-5





BL1-1
BL2-1
BL3-1
BL4-1
BL5-1
BL6-1
BL7-1
BL8-1
BL9-1
BL10-1
BL11-1
BL12-1
BL13-1
BL14-1
BL15-1
BL16-1
BL17-1
BL18-1
BL19-1
BL20-1
BL21-1
BL22-1
BL24-1
BL25-1
BL26-1
BL27-1
BL28-1
BL29-1
BL30-1

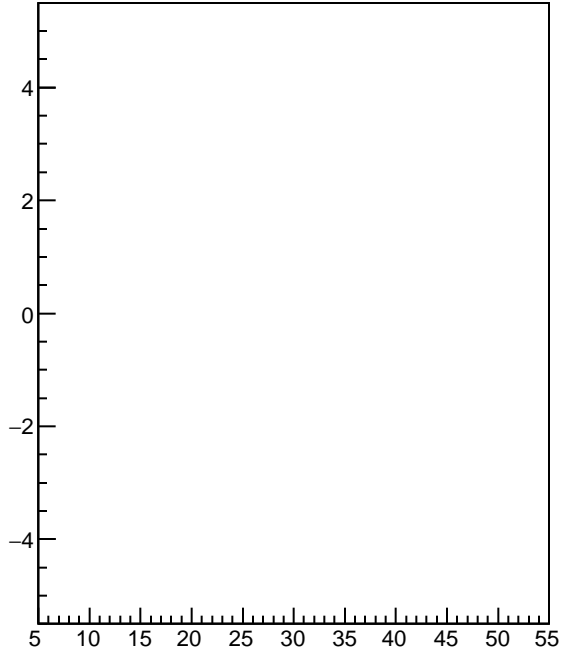
BL1-2
BL2-2
BL3-2
BL4-2
BL5-2
BL6-2
BL7-2
BL8-2
BL9-2
BL10-2
BL11-2
BL12-2
BL13-2
BL14-2
BL15-2
BL16-2
BL17-2
BL18-2
BL19-2
BL20-2
BL21-2
BL22-2
BL24-2
BL25-2
BL26-2
BL27-2
BL28-2
BL29-2
BL30-2

BL1-3
BL2-3
BL3-3
BL4-3
BL5-3
BL6-3
BL7-3
BL8-3
BL9-3
BL10-3
BL11-3
BL12-3
BL13-3
BL14-3
BL15-3
BL16-3
BL17-3
BL18-3
BL19-3
BL20-3
BL21-3
BL22-3
BL24-3
BL25-3
BL26-3
BL27-3
BL28-3
BL29-3
BL30-3

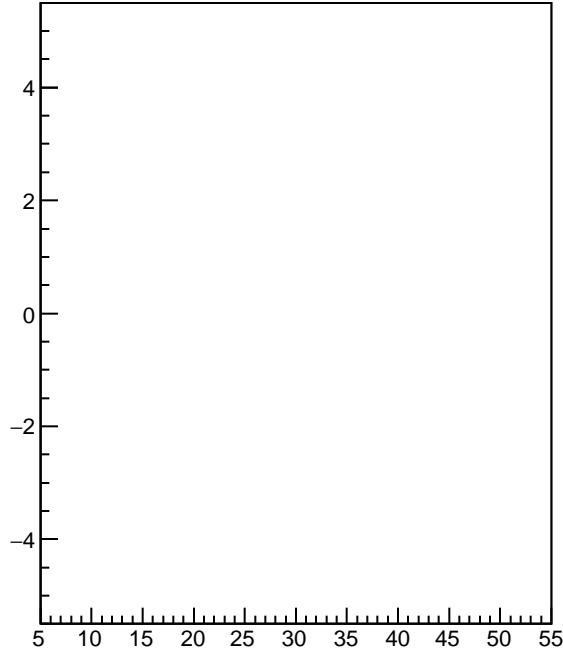
BL1-4
BL2-4
BL3-4
BL4-4
BL5-4
BL6-4
BL7-4
BL8-4
BL9-4
BL10-4
BL11-4
BL12-4
BL13-4
BL14-4
BL15-4
BL16-4
BL17-4
BL18-4
BL19-4
BL20-4
BL21-4
BL22-4
BL24-4
BL25-4
BL26-4
BL27-4
BL28-4
BL29-4
BL30-4

BL1-5
BL2-5
BL3-5
BL4-5
BL5-5
BL6-5
BL7-5
BL8-5
BL9-5
BL10-5
BL11-5
BL12-5
BL13-5
BL14-5
BL15-5
BL16-5
BL17-5
BL18-5
BL19-5
BL20-5
BL21-5
BL22-5
BL24-5
BL25-5
BL26-5
BL27-5
BL28-5
BL29-5
BL30-5

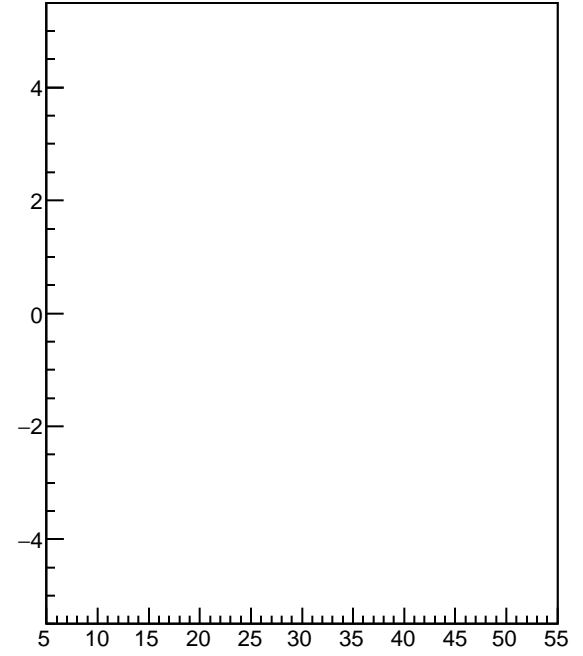
hmdhitz\_tota\_strip1



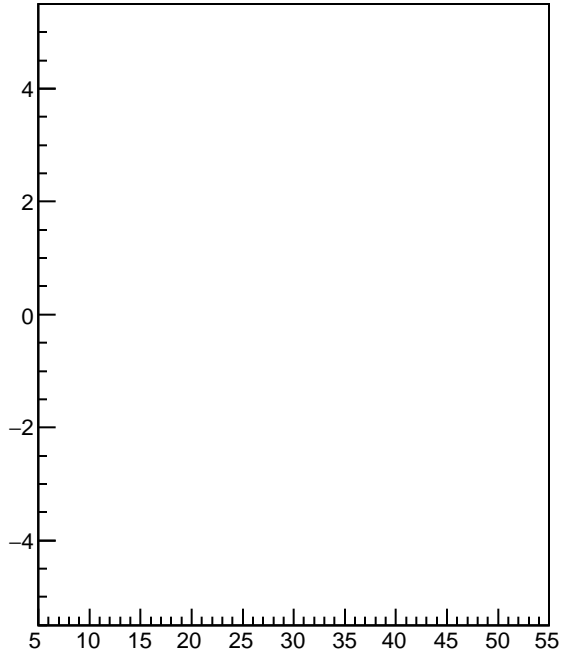
hmdhitz\_tota\_strip6



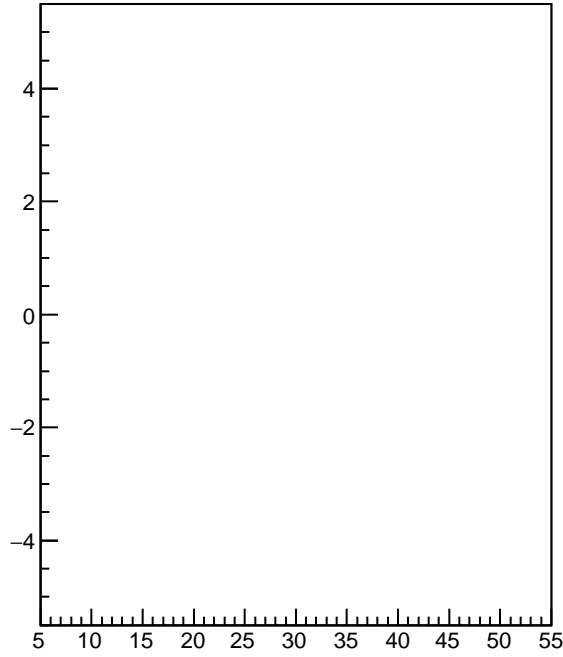
hmdhitz\_tota\_strip12



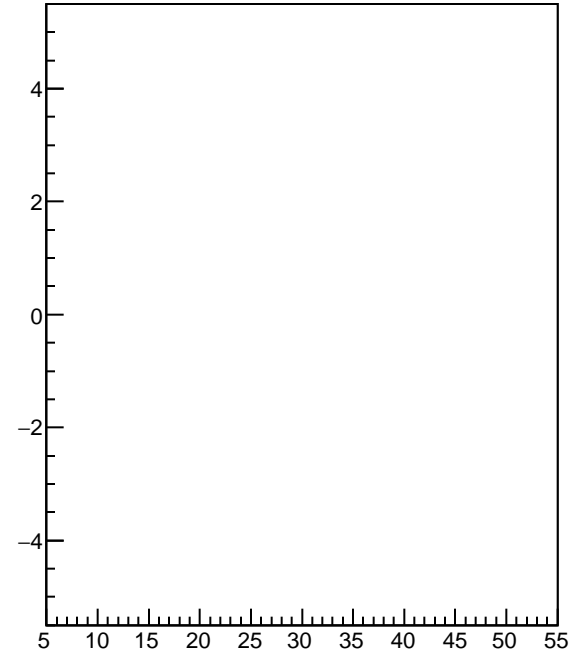
hmdhitz\_totb\_strip1



hmdhitz\_totb\_strip6



hmdhitz\_totb\_strip12



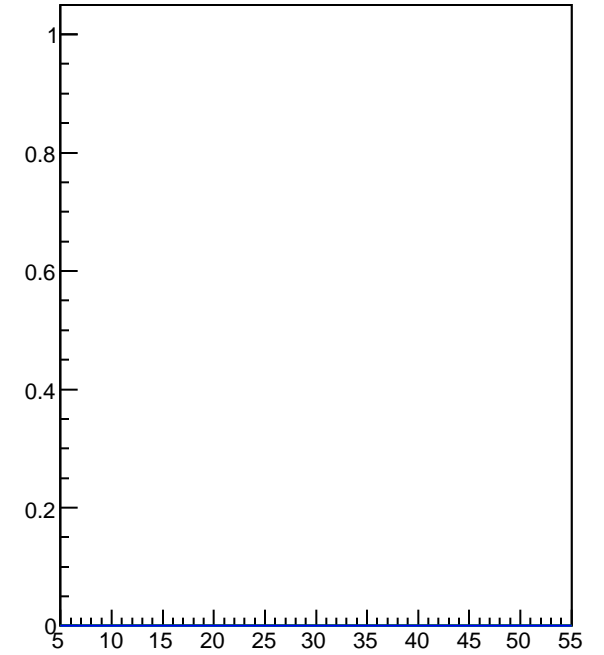
htotm\_strip1



htotm\_strip6



htotm\_strip12



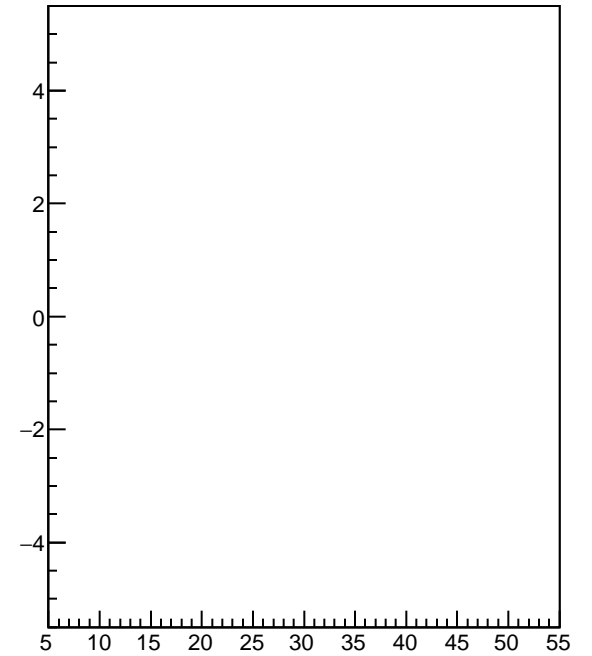
hmtdhitz\_totm\_strip1



hmtdhitz\_totm\_strip6



hmtdhitz\_totm\_strip12



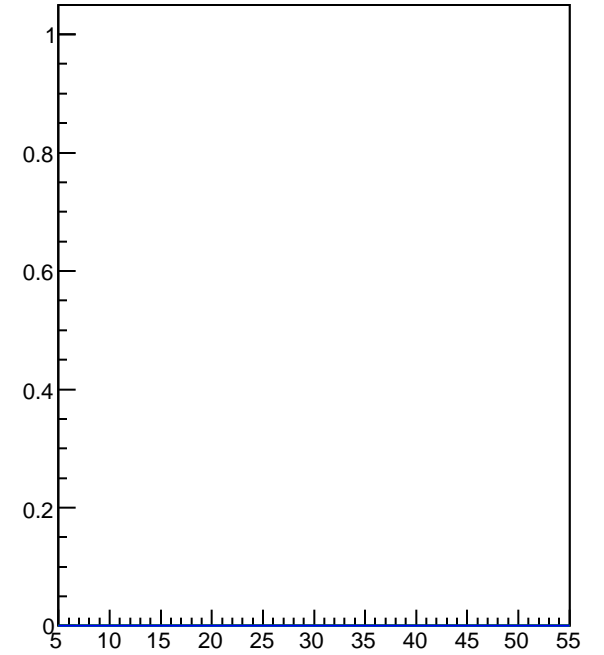
htotm\_strip1



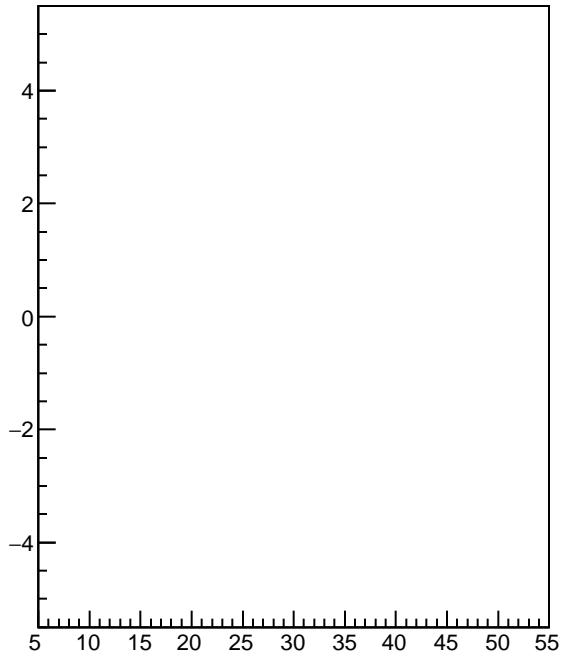
htotm\_strip6



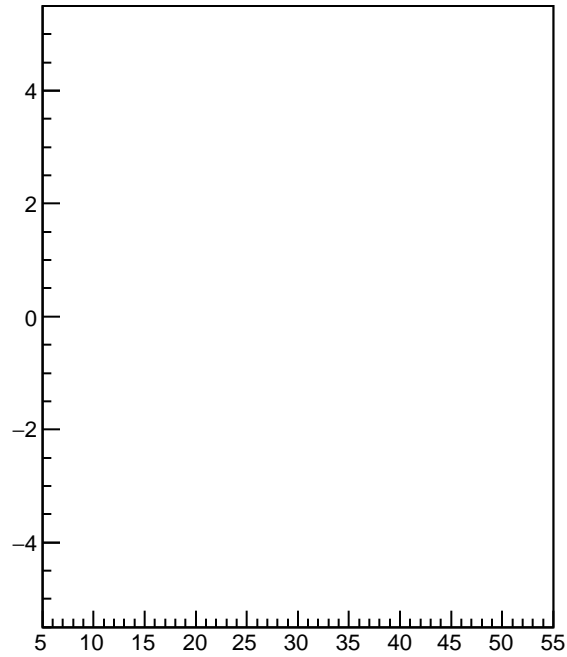
htotm\_strip12



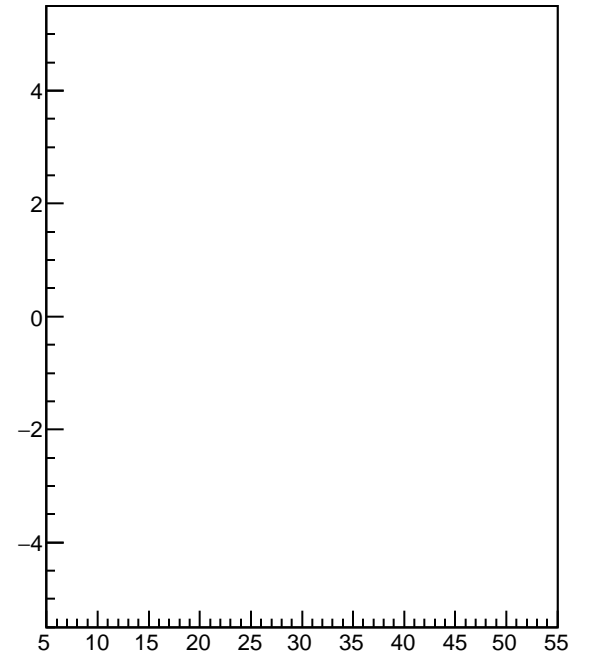
hmdhitz\_totm\_strip1\_norm



hmdhitz\_totm\_strip6\_norm



hmdhitz\_totm\_strip12\_norm



htotm\_strip



FBL1-1
FBL2-1
FBL3-1
FBL4-1
FBL5-1
FBL6-1
FBL7-1
FBL8-1
FBL9-1
FBL10-1
FBL11-1
FBL12-1
FBL13-1
FBL14-1
FBL15-1
FBL16-1
FBL17-1
FBL18-1
FBL19-1
FBL20-1
FBL21-1
FBL22-1
FBL24-1
FBL25-1
FBL26-1
FBL27-1
FBL28-1
FBL29-1
FBL30-1

FBL1-2
FBL2-2
FBL3-2
FBL4-2
FBL5-2
FBL6-2
FBL7-2
FBL8-2
FBL9-2
FBL10-2
FBL11-2
FBL12-2
FBL13-2
FBL14-2
FBL15-2
FBL16-2
FBL17-2
FBL18-2
FBL19-2
FBL20-2
FBL21-2
FBL22-2
FBL24-2
FBL25-2
FBL26-2
FBL27-2
FBL28-2
FBL29-2
FBL30-2

FBL1-3
FBL2-3
FBL3-3
FBL4-3
FBL5-3
FBL6-3
FBL7-3
FBL8-3
FBL9-3
FBL10-3
FBL11-3
FBL12-3
FBL13-3
FBL14-3
FBL15-3
FBL16-3
FBL17-3
FBL18-3
FBL19-3
FBL20-3
FBL21-3
FBL22-3
FBL24-3
FBL25-3
FBL26-3
FBL27-3
FBL28-3
FBL29-3
FBL30-3

FBL1-4
FBL2-4
FBL3-4
FBL4-4
FBL5-4
FBL6-4
FBL7-4
FBL8-4
FBL9-4
FBL10-4
FBL11-4
FBL12-4
FBL13-4
FBL14-4
FBL15-4
FBL16-4
FBL17-4
FBL18-4
FBL19-4
FBL20-4
FBL21-4
FBL22-4
FBL24-4
FBL25-4
FBL26-4
FBL27-4
FBL28-4
FBL29-4
FBL30-4

FBL1-5
FBL2-5
FBL3-5
FBL4-5
FBL5-5
FBL6-5
FBL7-5
FBL8-5
FBL9-5
FBL10-5
FBL11-5
FBL12-5
FBL13-5
FBL14-5
FBL15-5
FBL16-5
FBL17-5
FBL18-5
FBL19-5
FBL20-5
FBL21-5
FBL22-5
FBL24-5
FBL25-5
FBL26-5
FBL27-5
FBL28-5
FBL29-5
FBL30-5