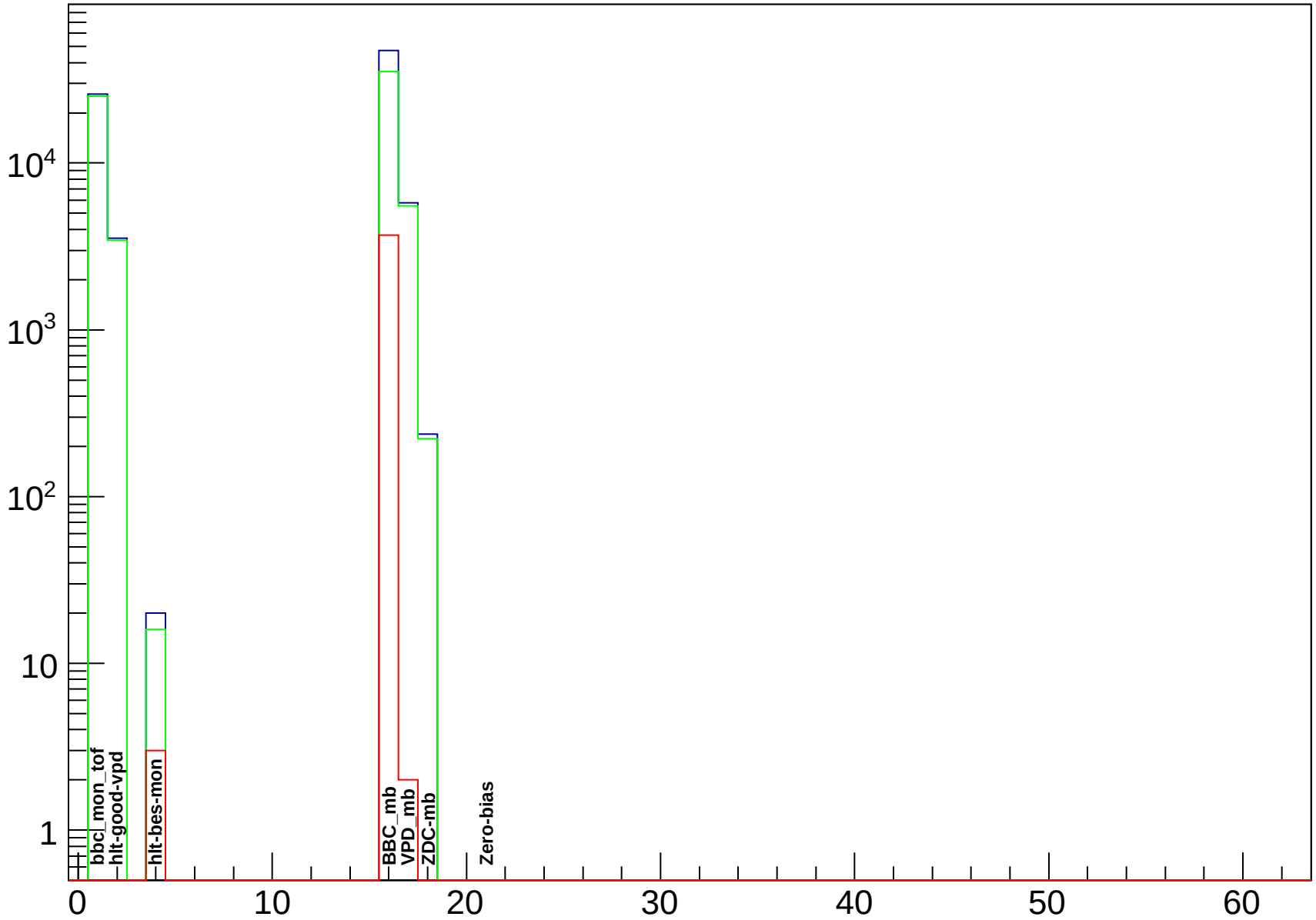
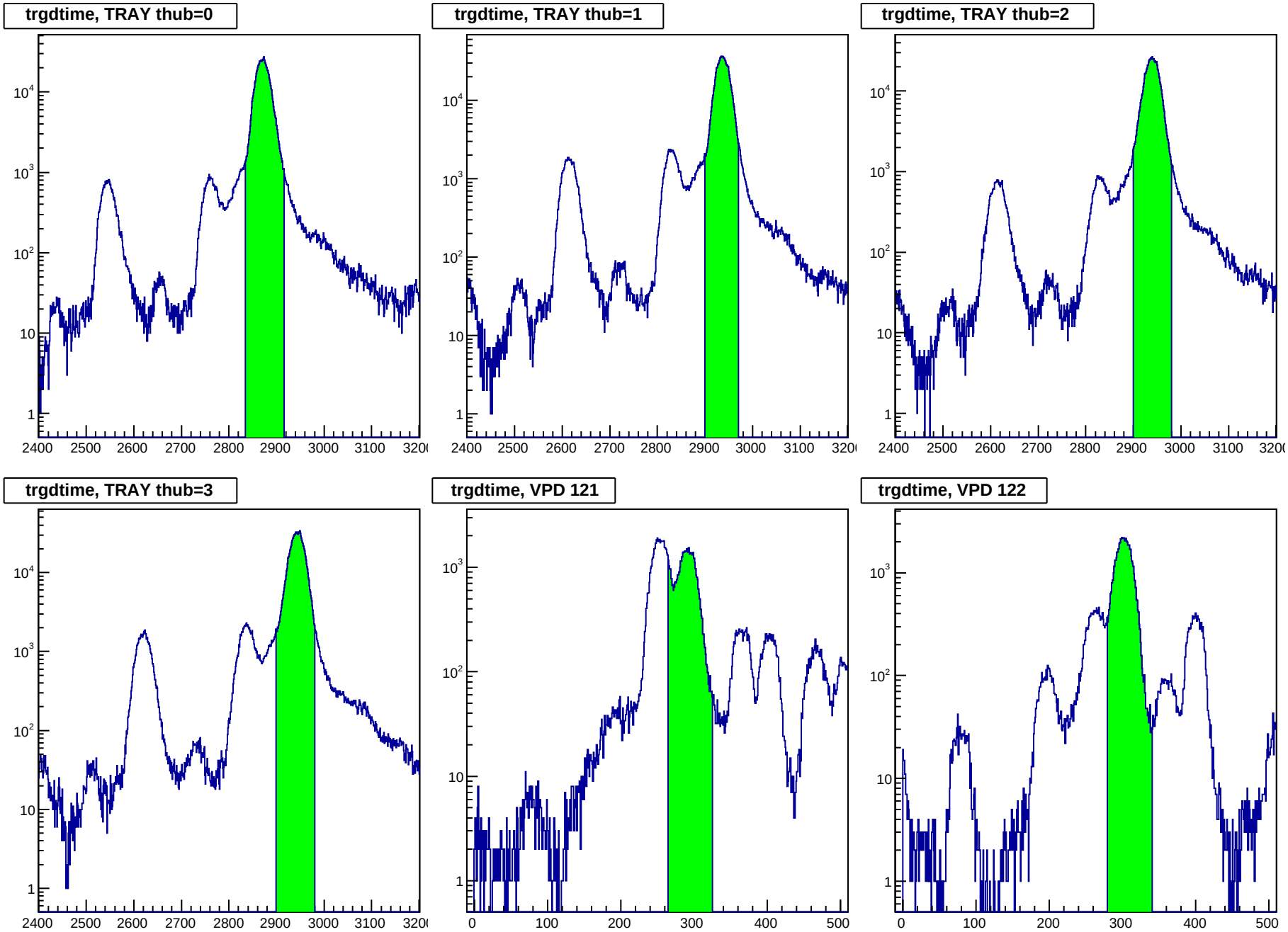
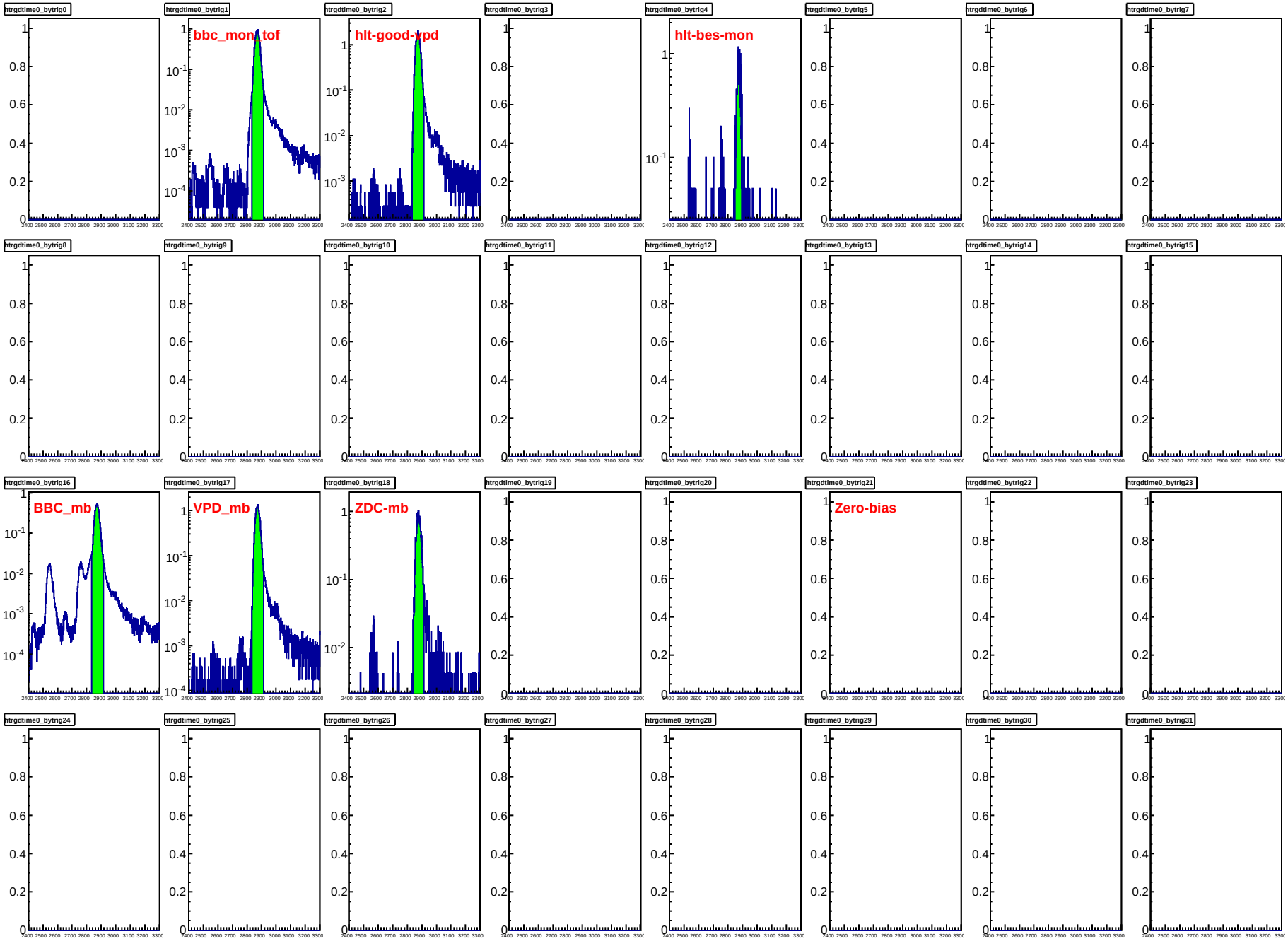
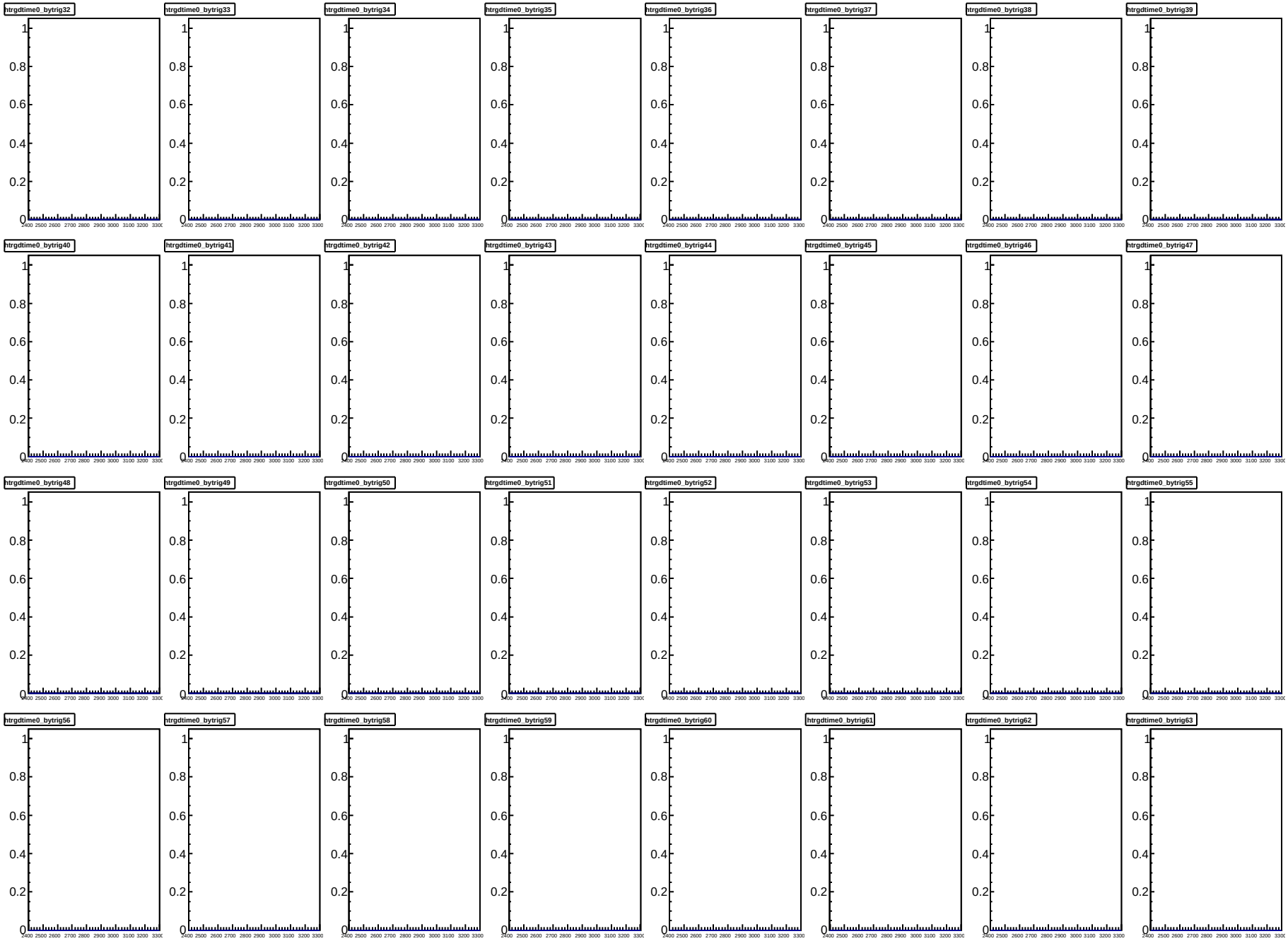
htrgbits

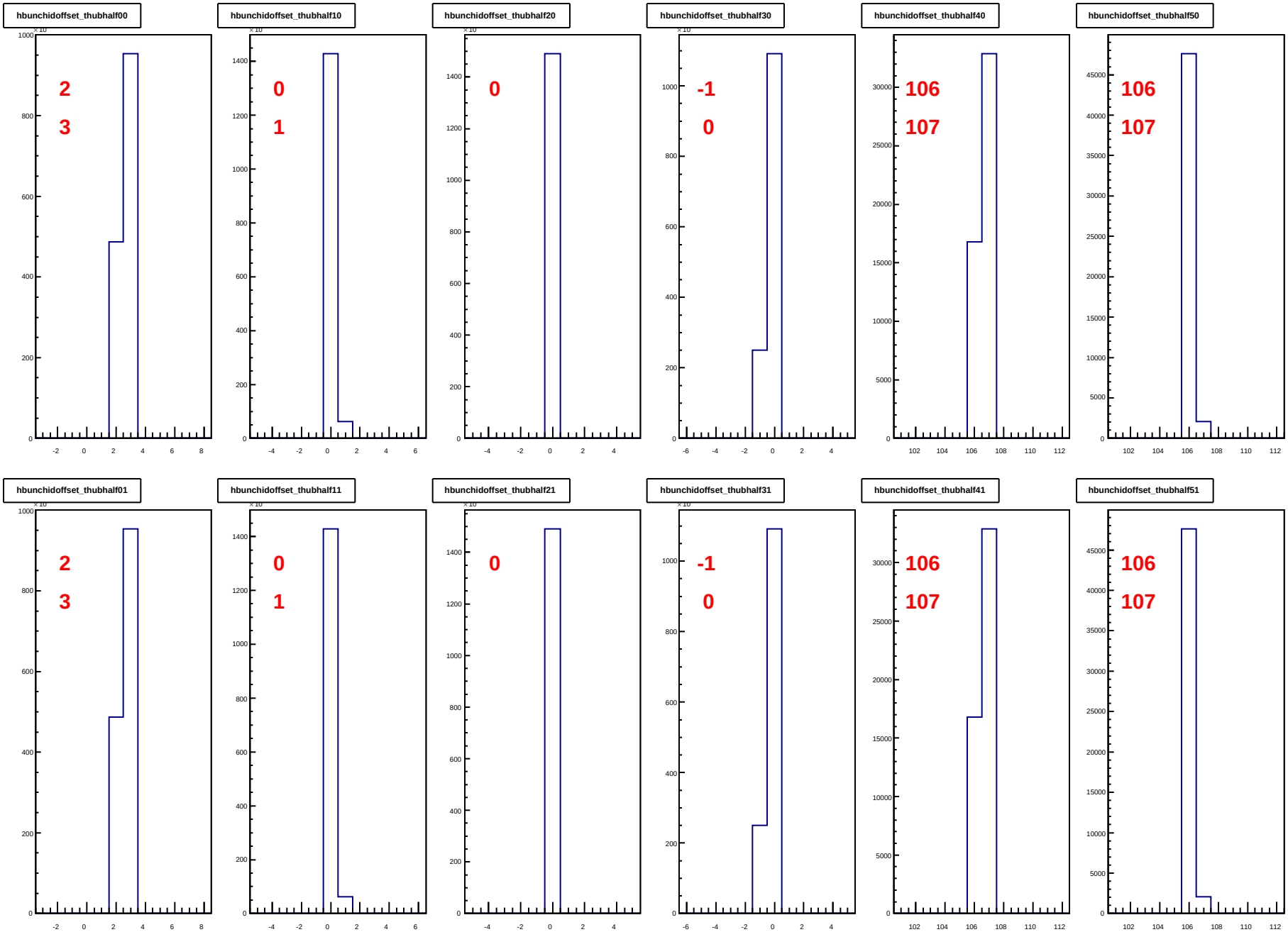


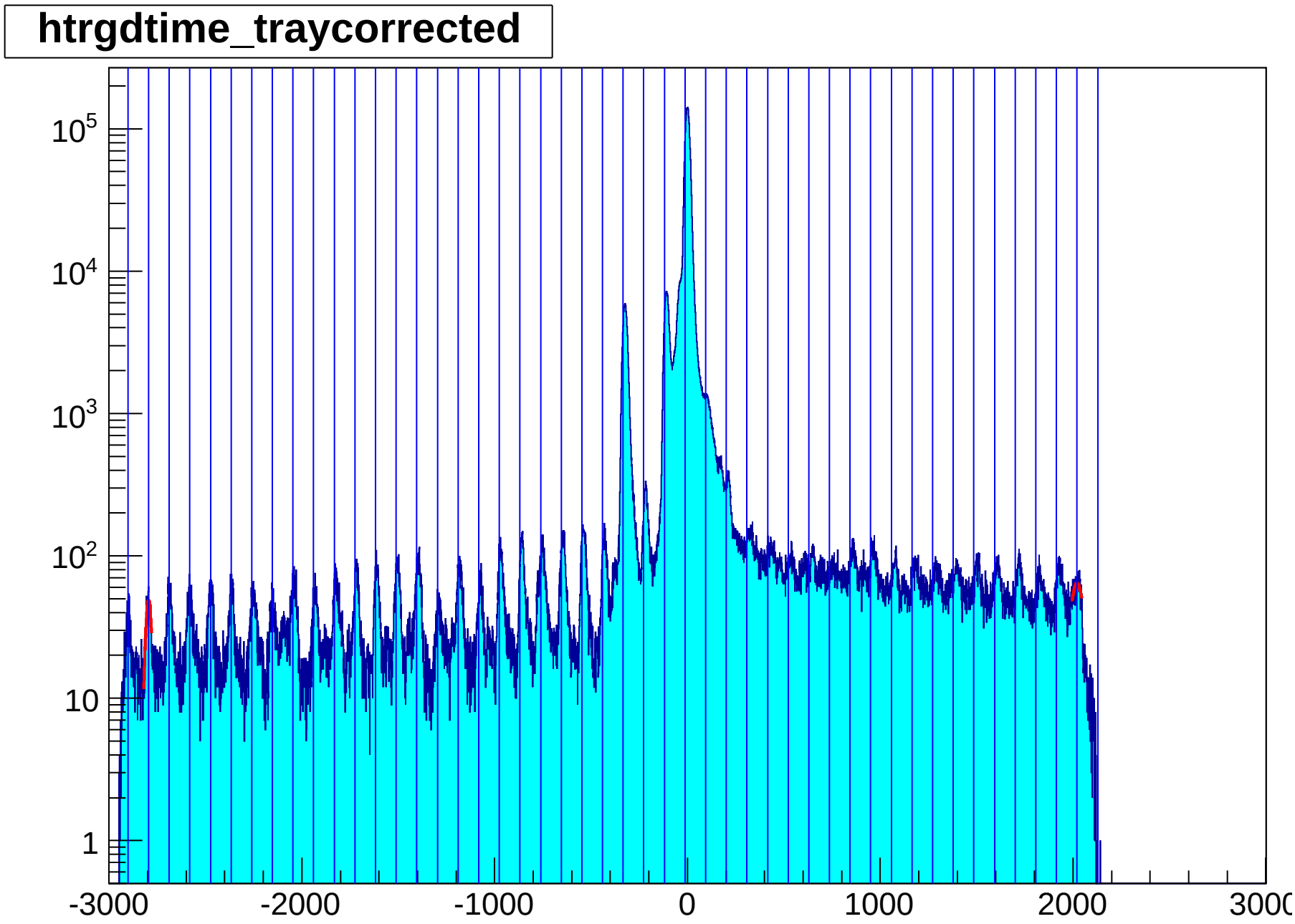
15048021_tof

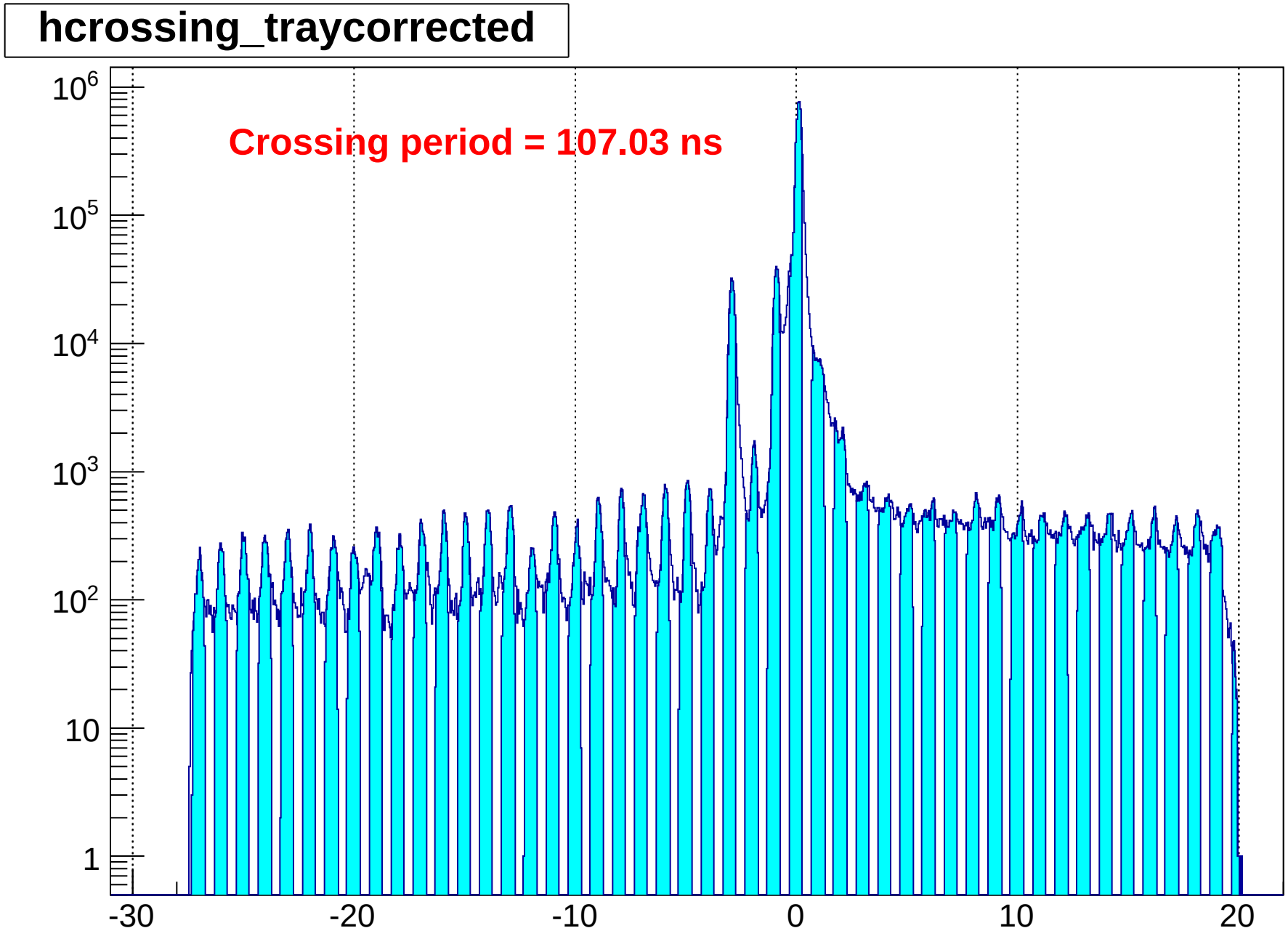

trgdtime, TRAY thub=0
trgdtime, TRAY thub=1
trgdtime, TRAY thub=2
trgdtime, TRAY thub=3
trgdtime, VPD 121
trgdtime, VPD 122

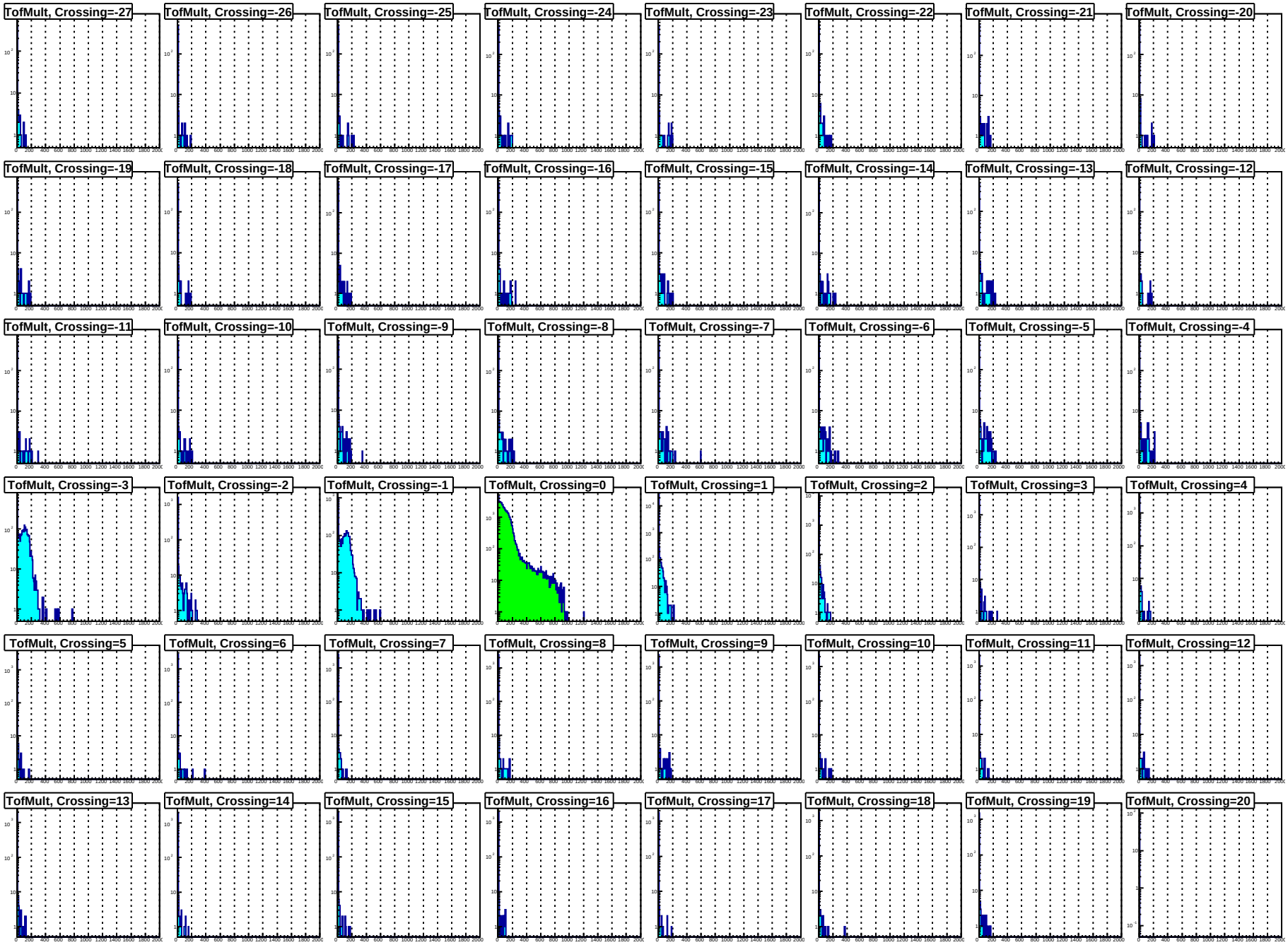

htrgdtime0_bytrig0
htrgdtime0_bytrig1
bbc_mon_tof
htrgdtime0_bytrig2
hlt-good-vpd
htrgdtime0_bytrig3
htrgdtime0_bytrig4
hlt-bes-mon
htrgdtime0_bytrig5
htrgdtime0_bytrig6
htrgdtime0_bytrig7
htrgdtime0_bytrig8
htrgdtime0_bytrig9
htrgdtime0_bytrig10
htrgdtime0_bytrig11
htrgdtime0_bytrig12
htrgdtime0_bytrig13
htrgdtime0_bytrig14
htrgdtime0_bytrig15
htrgdtime0_bytrig16
BBC_mb
htrgdtime0_bytrig17
VPD_mb
htrgdtime0_bytrig18
ZDC-mb
htrgdtime0_bytrig19
htrgdtime0_bytrig20
htrgdtime0_bytrig21
Zero-bias
htrgdtime0_bytrig22
htrgdtime0_bytrig23
htrgdtime0_bytrig24
htrgdtime0_bytrig25
htrgdtime0_bytrig26
htrgdtime0_bytrig27
htrgdtime0_bytrig28
htrgdtime0_bytrig29
htrgdtime0_bytrig30
htrgdtime0_bytrig31

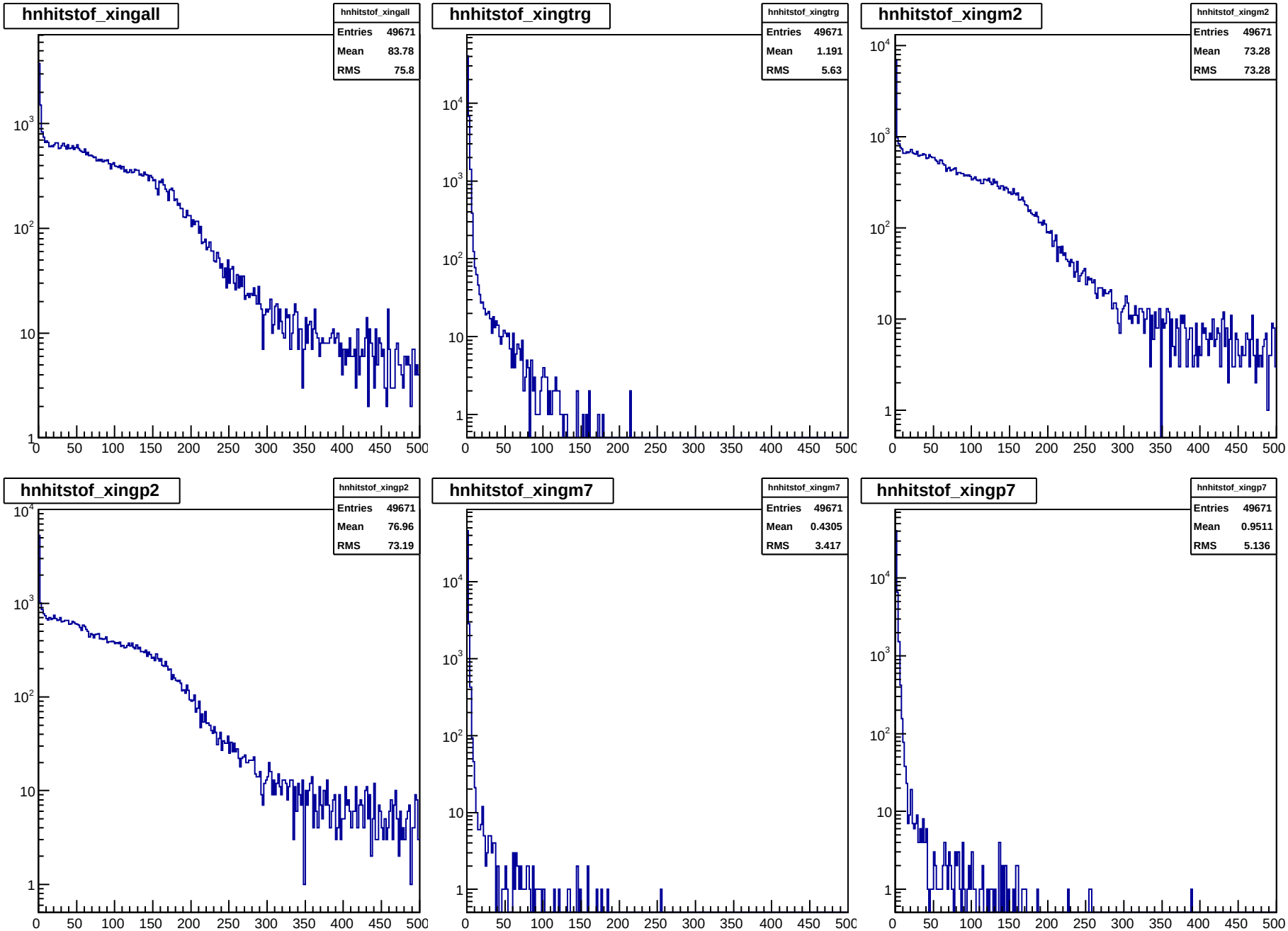

htrgdtime0_bytrig32
htrgdtime0_bytrig33
htrgdtime0_bytrig34
htrgdtime0_bytrig35
htrgdtime0_bytrig36
htrgdtime0_bytrig37
htrgdtime0_bytrig38
htrgdtime0_bytrig39
htrgdtime0_bytrig40
htrgdtime0_bytrig41
htrgdtime0_bytrig42
htrgdtime0_bytrig43
htrgdtime0_bytrig44
htrgdtime0_bytrig45
htrgdtime0_bytrig46
htrgdtime0_bytrig47
htrgdtime0_bytrig48
htrgdtime0_bytrig49
htrgdtime0_bytrig50
htrgdtime0_bytrig51
htrgdtime0_bytrig52
htrgdtime0_bytrig53
htrgdtime0_bytrig54
htrgdtime0_bytrig55
htrgdtime0_bytrig56
htrgdtime0_bytrig57
htrgdtime0_bytrig58
htrgdtime0_bytrig59
htrgdtime0_bytrig60
htrgdtime0_bytrig61
htrgdtime0_bytrig62
htrgdtime0_bytrig63
0
0.2
0.4
0.6
0.8
1
2400 2500 2600 2700 2800 2900 3000 3100 3200 3300

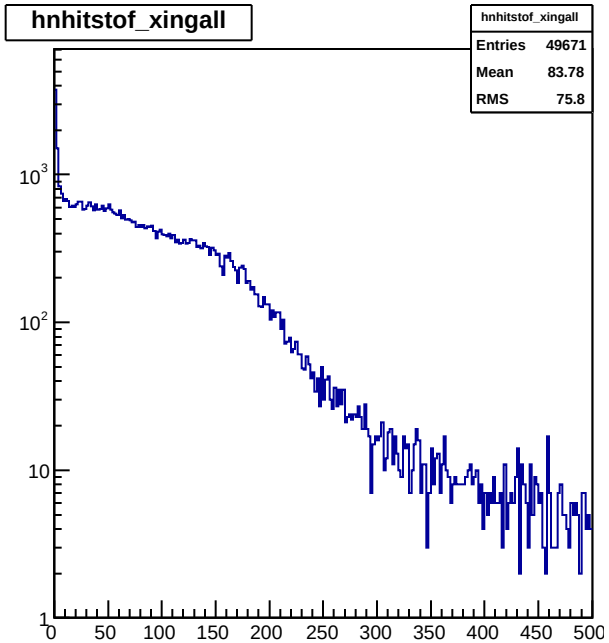

hbunchidoffset_thubhalf00
2
3
hbunchidoffset_thubhalf10
0
1
hbunchidoffset_thubhalf20
0
hbunchidoffset_thubhalf30
-1
0
hbunchidoffset_thubhalf40
106
107
hbunchidoffset_thubhalf50
106
107
hbunchidoffset_thubhalf01
2
3
hbunchidoffset_thubhalf11
0
1
hbunchidoffset_thubhalf21
0
hbunchidoffset_thubhalf31
-1
0
hbunchidoffset_thubhalf41
106
107
hbunchidoffset_thubhalf51
106
107

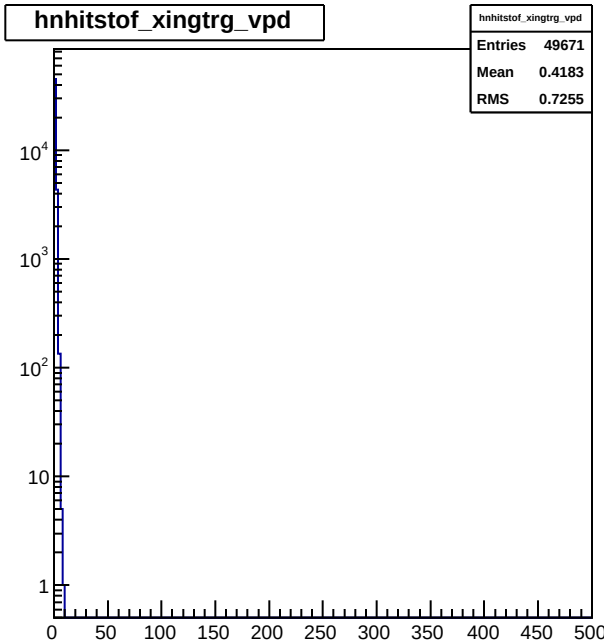

htrgdtime_traycorrected
10^5
10^4
10^3
10^2
10
1
-3000
-2000
-1000
0
1000
2000
3000

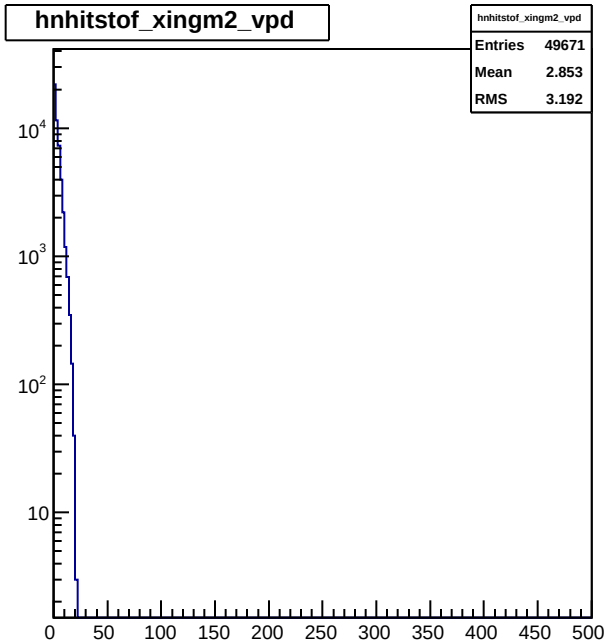

hcrossing_traycorrected
Crossing period = 107.03 ns
10^6
10^5
10^4
10^3
10^2
10
1
-30
-20
-10
0
10
20

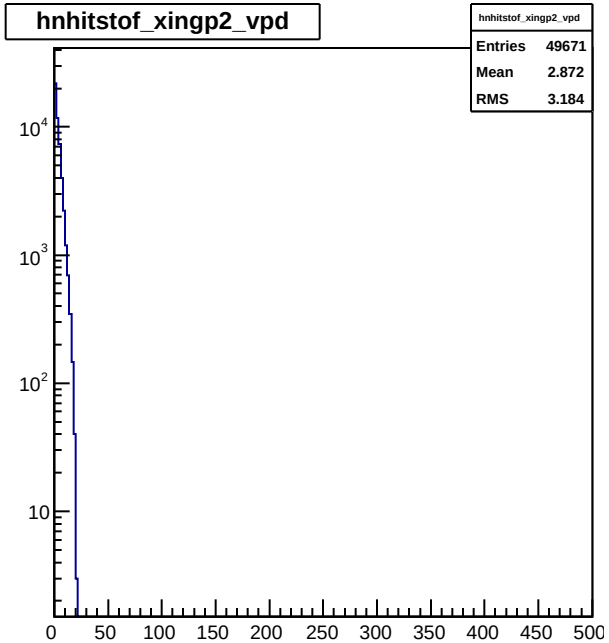

TofMult, Crossing=-27
TofMult, Crossing=-26
TofMult, Crossing=-25
TofMult, Crossing=-24
TofMult, Crossing=-23
TofMult, Crossing=-22
TofMult, Crossing=-21
TofMult, Crossing=-20
TofMult, Crossing=-19
TofMult, Crossing=-18
TofMult, Crossing=-17
TofMult, Crossing=-16
TofMult, Crossing=-15
TofMult, Crossing=-14
TofMult, Crossing=-13
TofMult, Crossing=-12
TofMult, Crossing=-11
TofMult, Crossing=-10
TofMult, Crossing=-9
TofMult, Crossing=-8
TofMult, Crossing=-7
TofMult, Crossing=-6
TofMult, Crossing=-5
TofMult, Crossing=-4
TofMult, Crossing=-3
TofMult, Crossing=-2
TofMult, Crossing=-1
TofMult, Crossing=0
TofMult, Crossing=1
TofMult, Crossing=2
TofMult, Crossing=3
TofMult, Crossing=4
TofMult, Crossing=5
TofMult, Crossing=6
TofMult, Crossing=7
TofMult, Crossing=8
TofMult, Crossing=9
TofMult, Crossing=10
TofMult, Crossing=11
TofMult, Crossing=12
TofMult, Crossing=13
TofMult, Crossing=14
TofMult, Crossing=15
TofMult, Crossing=16
TofMult, Crossing=17
TofMult, Crossing=18
TofMult, Crossing=19
TofMult, Crossing=20

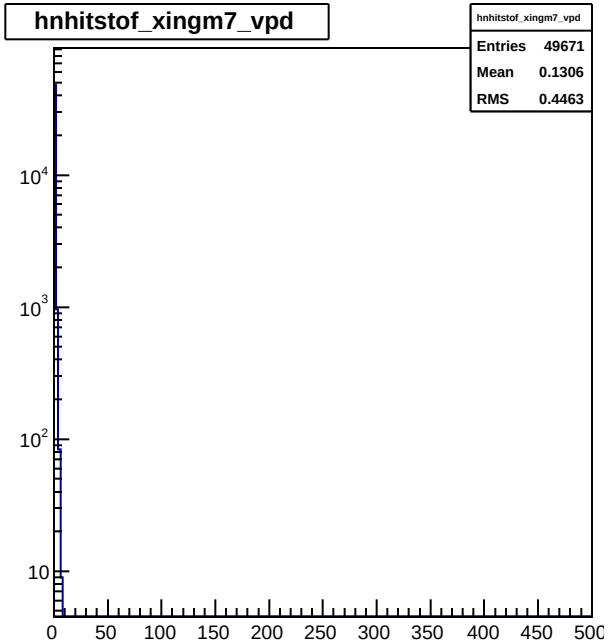

hnhitstof_xingall
hnhitstof_xingall
Entries 49671
Mean 83.78
RMS 75.8
hnhitstof_xingtrg
hnhitstof_xingtrg
Entries 49671
Mean 1.191
RMS 5.63
hnhitstof_xingm2
hnhitstof_xingm2
Entries 49671
Mean 73.28
RMS 73.28
hnhitstof_xingp2
hnhitstof_xingp2
Entries 49671
Mean 76.96
RMS 73.19
hnhitstof_xingm7
hnhitstof_xingm7
Entries 49671
Mean 0.4305
RMS 3.417
hnhitstof_xingp7
hnhitstof_xingp7
Entries 49671
Mean 0.9511
RMS 5.136

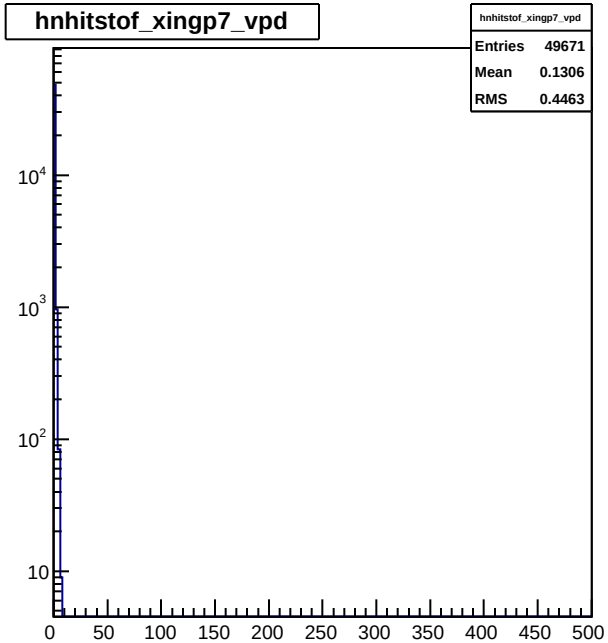

hnhitstof_xingall
hnhitstof_xingall
Entries 49671
Mean 83.78
RMS 75.8

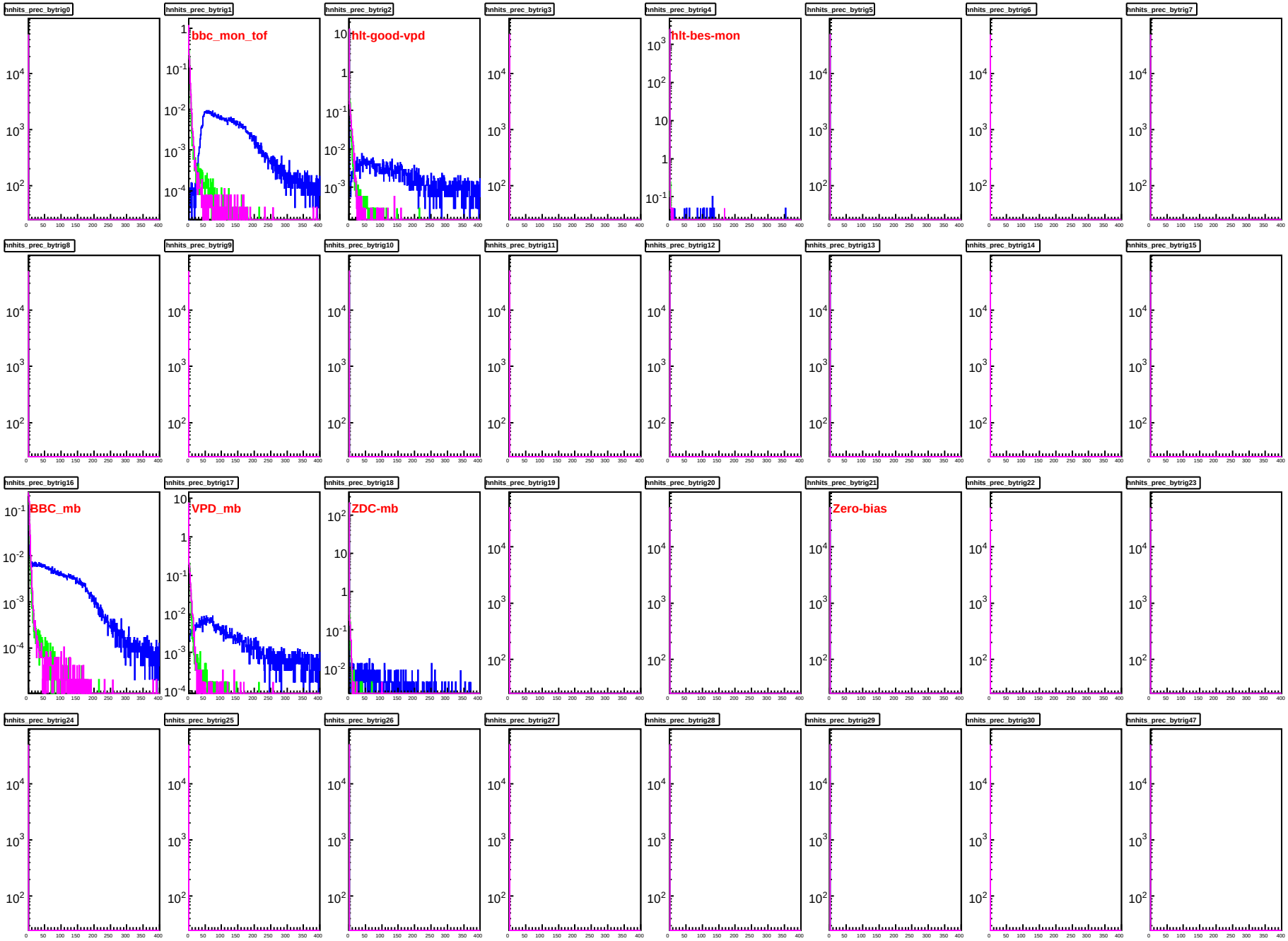

hnhitstof_xingtrg_vpd
hnhitstof_xingtrg_vpd
Entries 49671
Mean 0.4183
RMS 0.7255

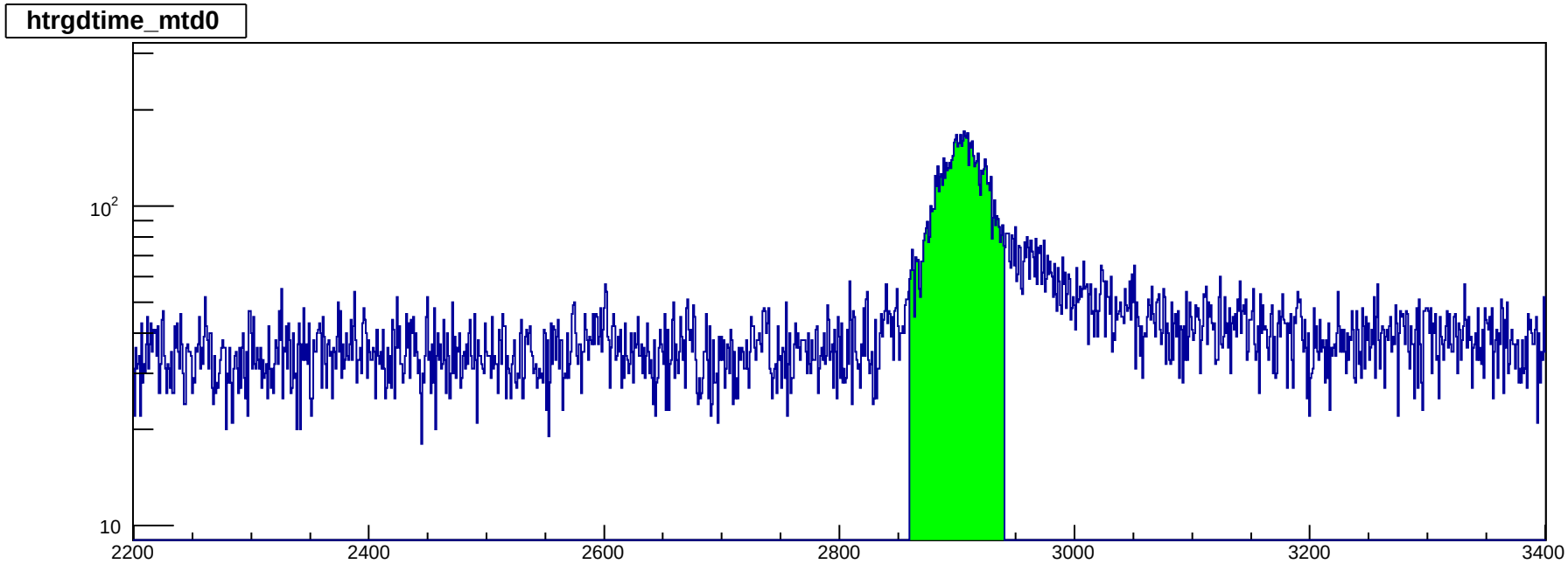

hnhitstof_xingm2_vpd
hnhitstof_xingm2_vpd
Entries 49671
Mean 2.853
RMS 3.192

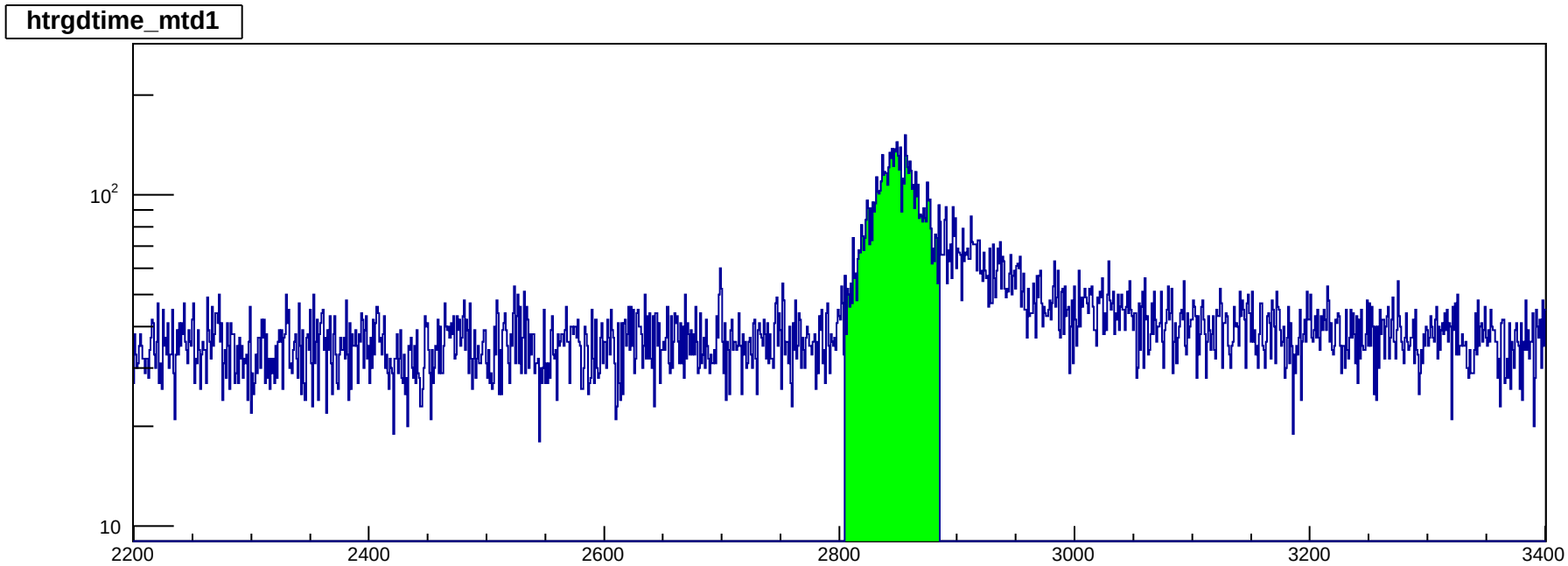

hnhitstof_xingp2_vpd
hnhitstof_xingp2_vpd
Entries 49671
Mean 2.872
RMS 3.184

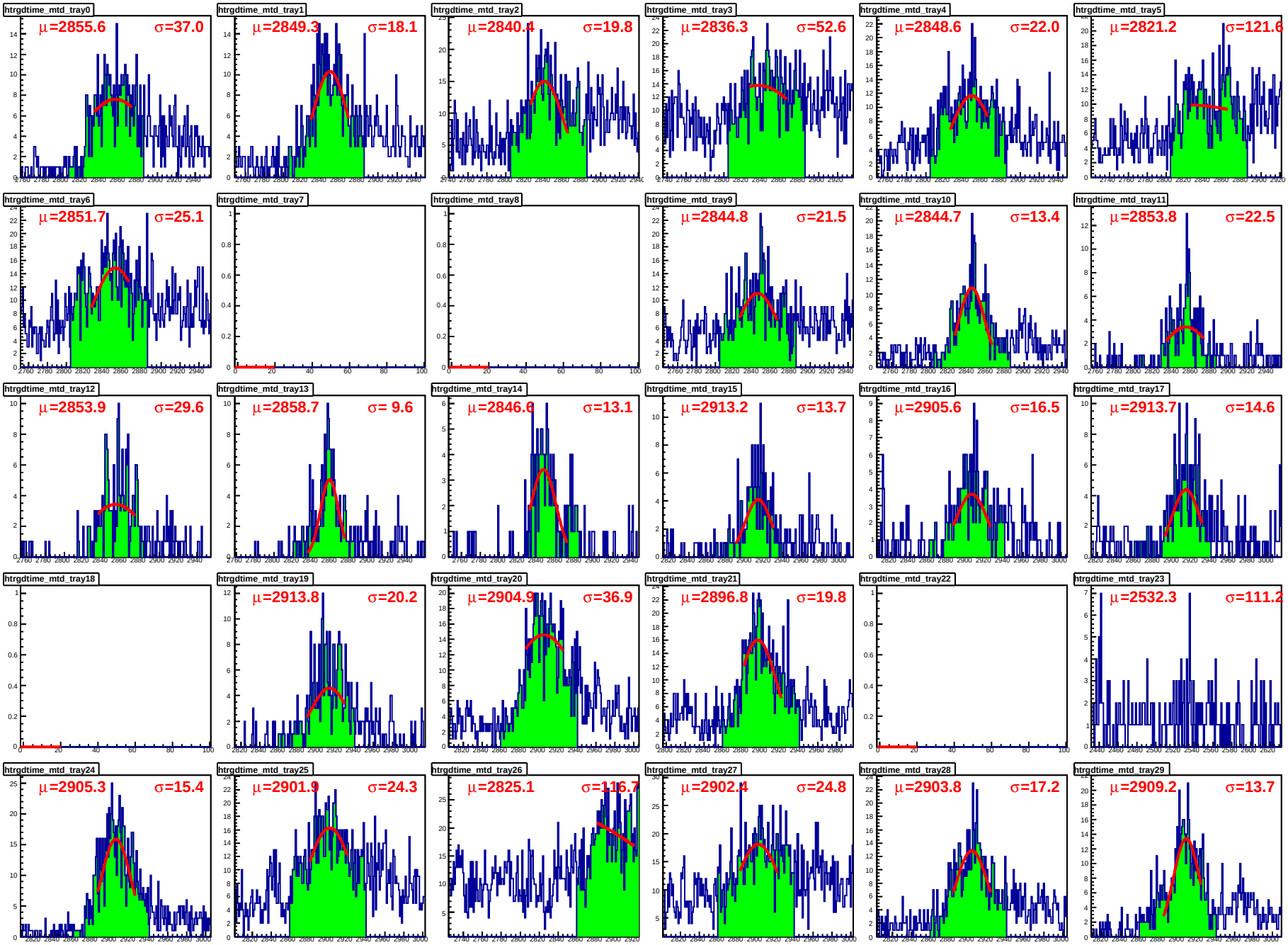

hnhitstof_xingm7_vpd
hnhitstof_xingm7_vpd
Entries 49671
Mean 0.1306
RMS 0.4463

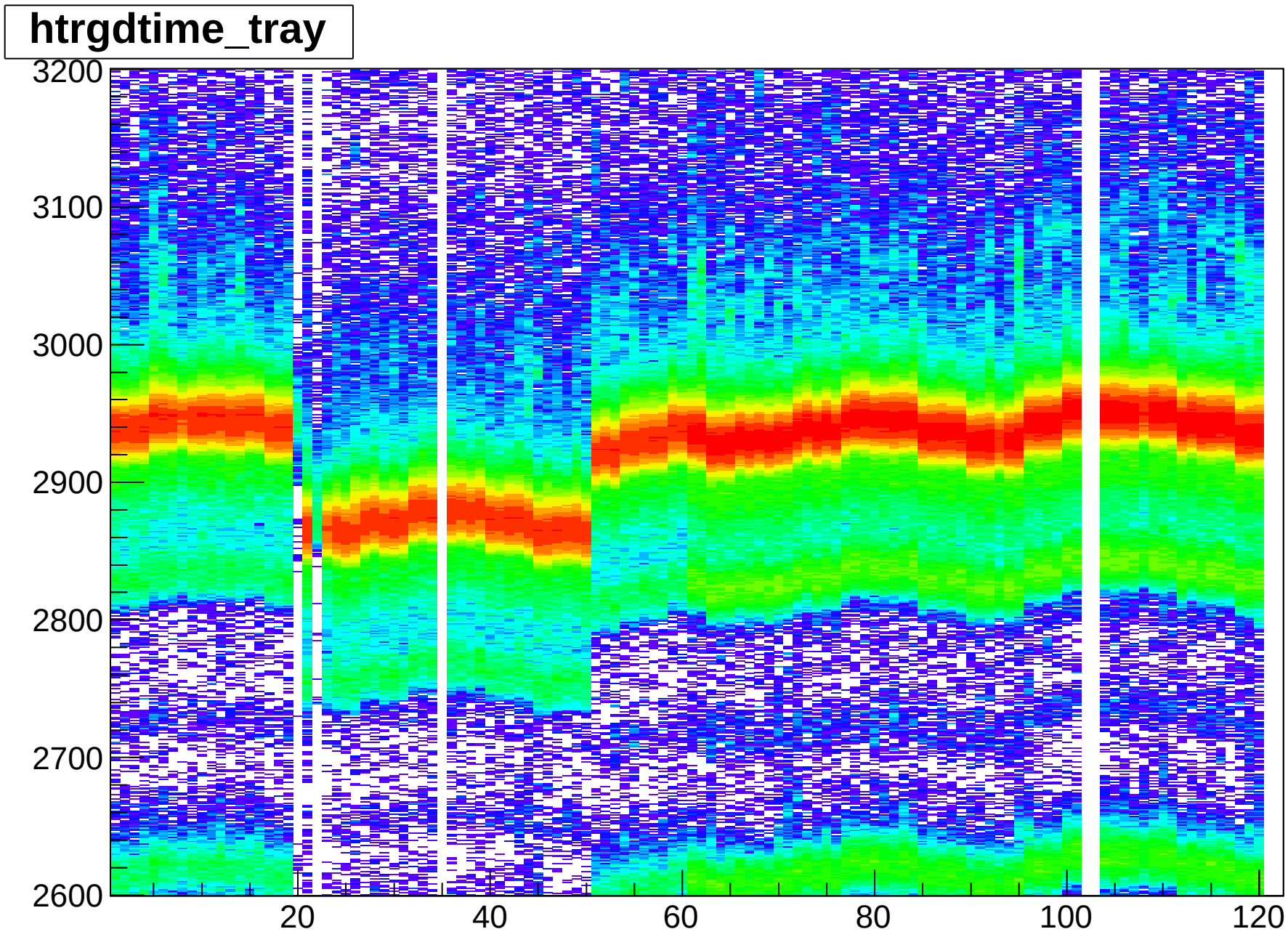

hnhitstof_xingp7_vpd
hnhitstof_xingp7_vpd
Entries 49671
Mean 0.1306
RMS 0.4463

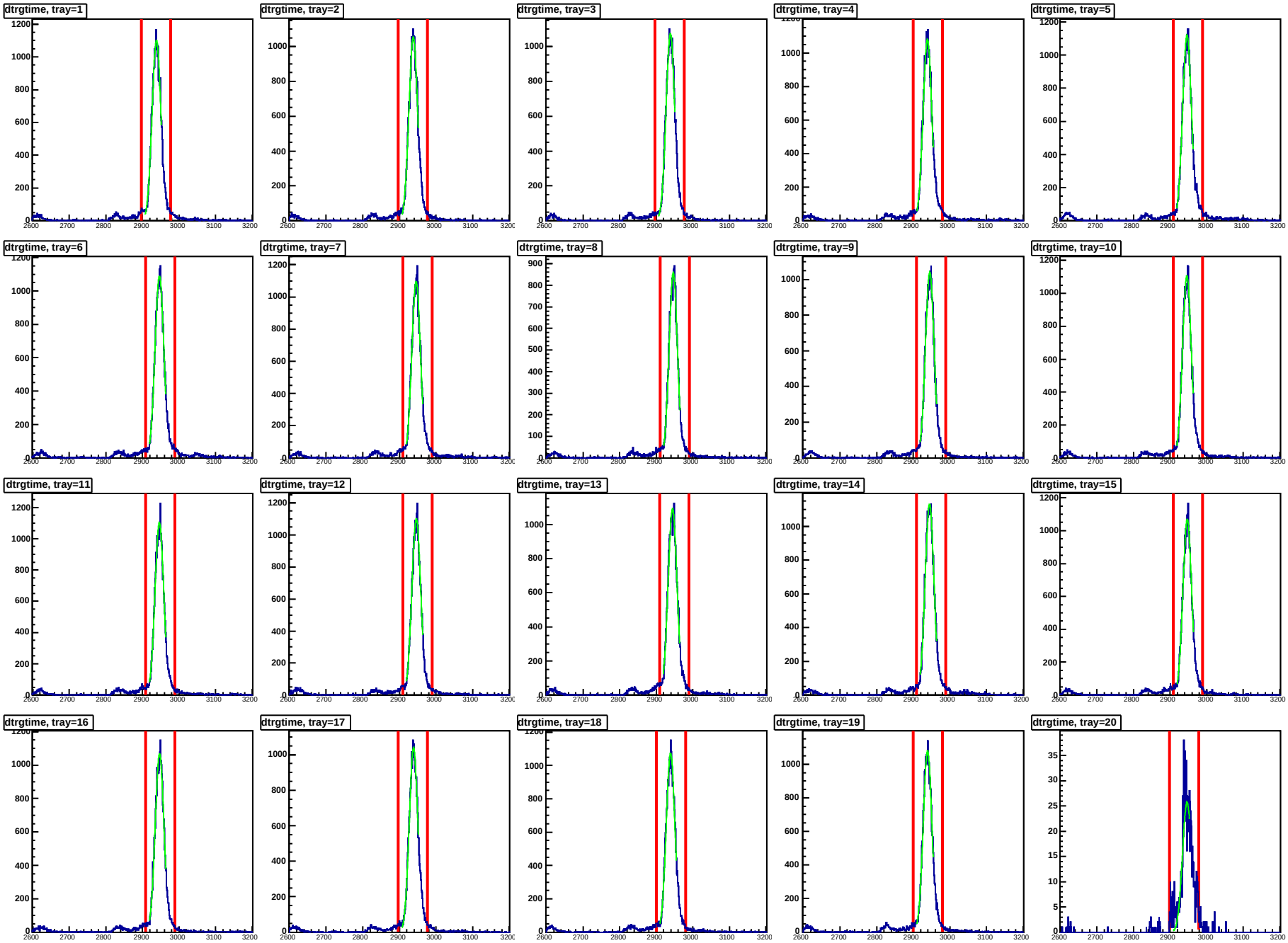

hnhits_prec_bytrig0
hnhits_prec_bytrig1
bbc_mon_tof
hnhits_prec_bytrig2
hlt-good-vpd
hnhits_prec_bytrig3
hnhits_prec_bytrig4
hlt-bes-mon
hnhits_prec_bytrig5
hnhits_prec_bytrig6
hnhits_prec_bytrig7
hnhits_prec_bytrig8
hnhits_prec_bytrig9
hnhits_prec_bytrig10
hnhits_prec_bytrig11
hnhits_prec_bytrig12
hnhits_prec_bytrig13
hnhits_prec_bytrig14
hnhits_prec_bytrig15
hnhits_prec_bytrig16
BBC_mb
hnhits_prec_bytrig17
VPD_mb
hnhits_prec_bytrig18
ZDC-mb
hnhits_prec_bytrig19
hnhits_prec_bytrig20
hnhits_prec_bytrig21
Zero-bias
hnhits_prec_bytrig22
hnhits_prec_bytrig23
hnhits_prec_bytrig24
hnhits_prec_bytrig25
hnhits_prec_bytrig26
hnhits_prec_bytrig27
hnhits_prec_bytrig28
hnhits_prec_bytrig29
hnhits_prec_bytrig30
hnhits_prec_bytrig47

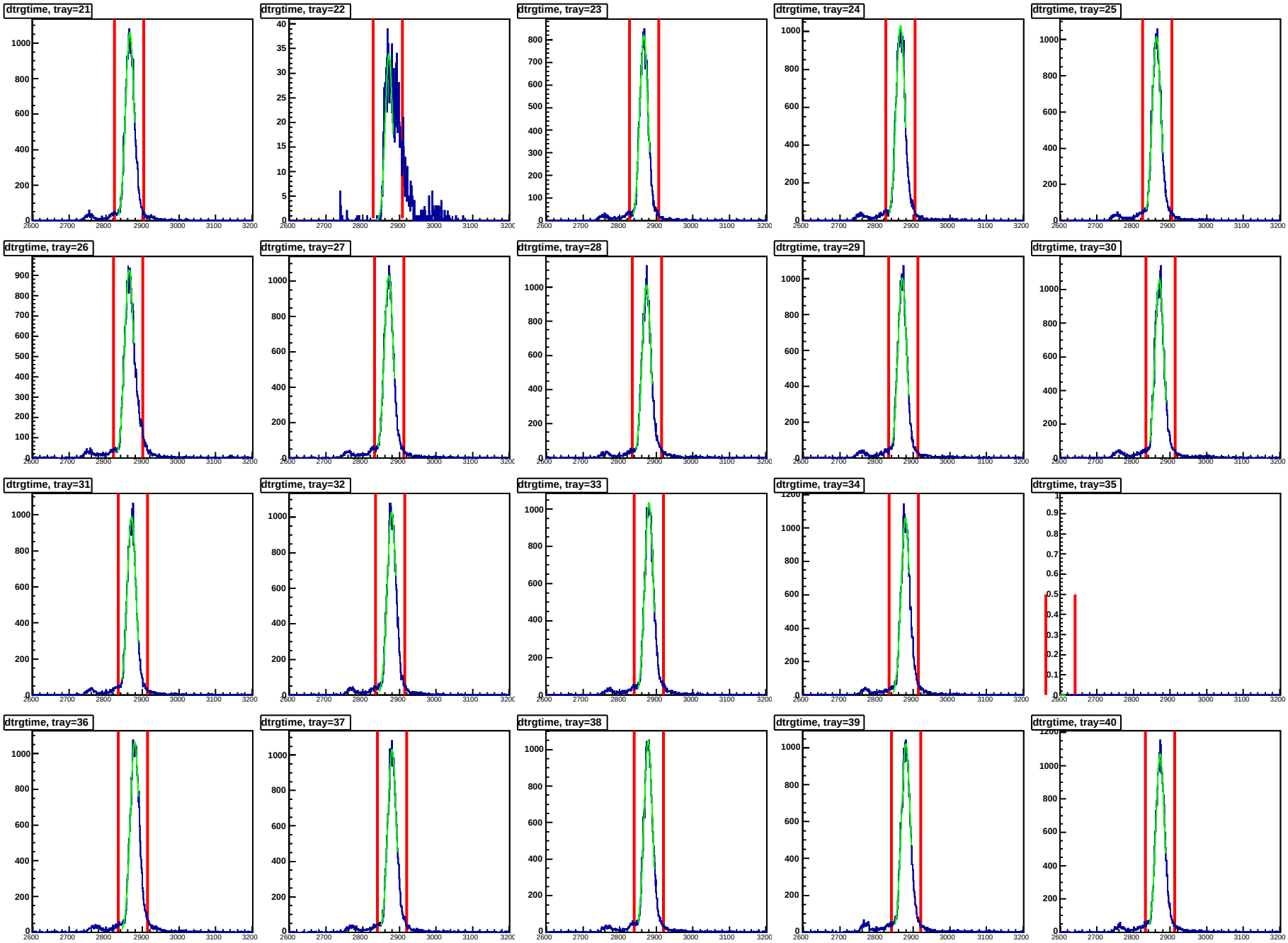

htrgdtime_mtd0
10^2
10
2200
2400
2600
2800
3000
3200
3400

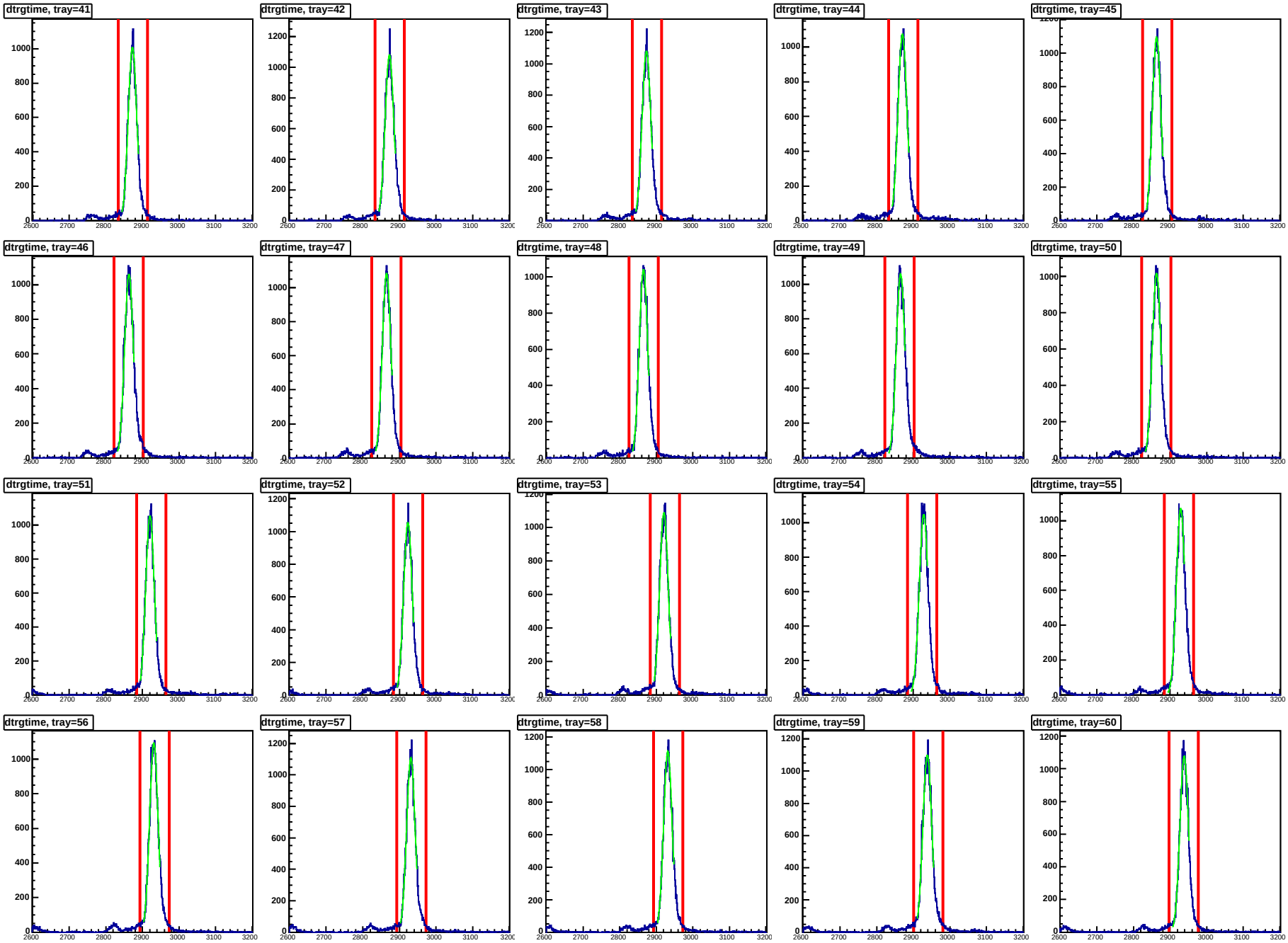

htrgdtime_mtd1
10^2
10
2200
2400
2600
2800
3000
3200
3400

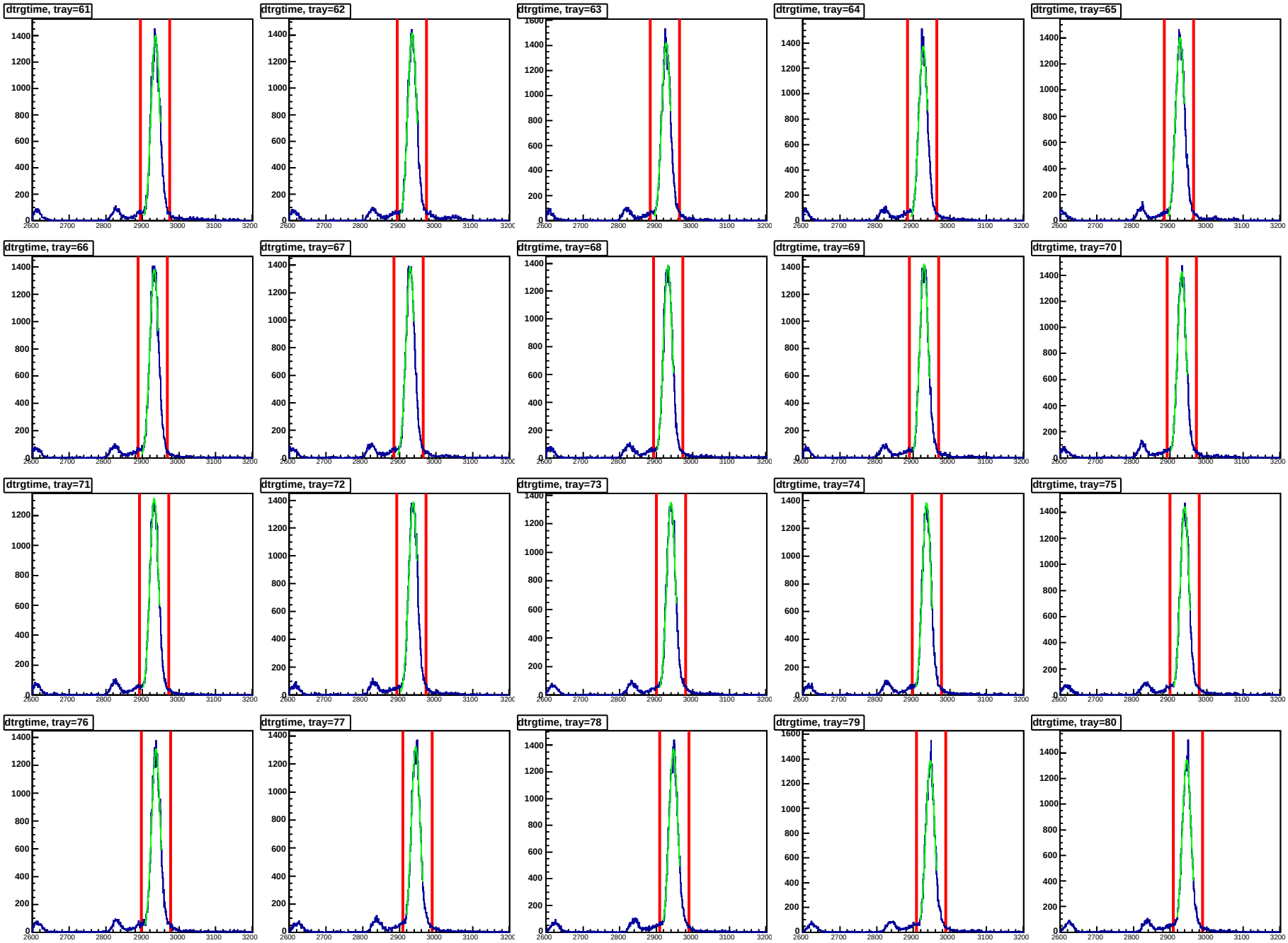

htrgdtime_mtd_tray0
μ=2855.6 σ=37.0
htrgdtime_mtd_tray1
μ=2849.3 σ=18.1
htrgdtime_mtd_tray2
μ=2840.4 σ=19.8
htrgdtime_mtd_tray3
μ=2836.3 σ=52.6
htrgdtime_mtd_tray4
μ=2848.6 σ=22.0
htrgdtime_mtd_tray5
μ=2821.2 σ=121.6
htrgdtime_mtd_tray6
μ=2851.7 σ=25.1
htrgdtime_mtd_tray7
htrgdtime_mtd_tray8
htrgdtime_mtd_tray9
μ=2844.8 σ=21.5
htrgdtime_mtd_tray10
μ=2844.7 σ=13.4
htrgdtime_mtd_tray11
μ=2853.8 σ=22.5
htrgdtime_mtd_tray12
μ=2853.9 σ=29.6
htrgdtime_mtd_tray13
μ=2858.7 σ= 9.6
htrgdtime_mtd_tray14
μ=2846.6 σ=13.1
htrgdtime_mtd_tray15
μ=2913.2 σ=13.7
htrgdtime_mtd_tray16
μ=2905.6 σ=16.5
htrgdtime_mtd_tray17
μ=2913.7 σ=14.6
htrgdtime_mtd_tray18
htrgdtime_mtd_tray19
μ=2913.8 σ=20.2
htrgdtime_mtd_tray20
μ=2904.9 σ=36.9
htrgdtime_mtd_tray21
μ=2896.8 σ=19.8
htrgdtime_mtd_tray22
htrgdtime_mtd_tray23
μ=2532.3 σ=111.2
htrgdtime_mtd_tray24
μ=2905.3 σ=15.4
htrgdtime_mtd_tray25
μ=2901.9 σ=24.3
htrgdtime_mtd_tray26
μ=2825.1 σ=116.7
htrgdtime_mtd_tray27
μ=2902.4 σ=24.8
htrgdtime_mtd_tray28
μ=2903.8 σ=17.2
htrgdtime_mtd_tray29
μ=2909.2 σ=13.7

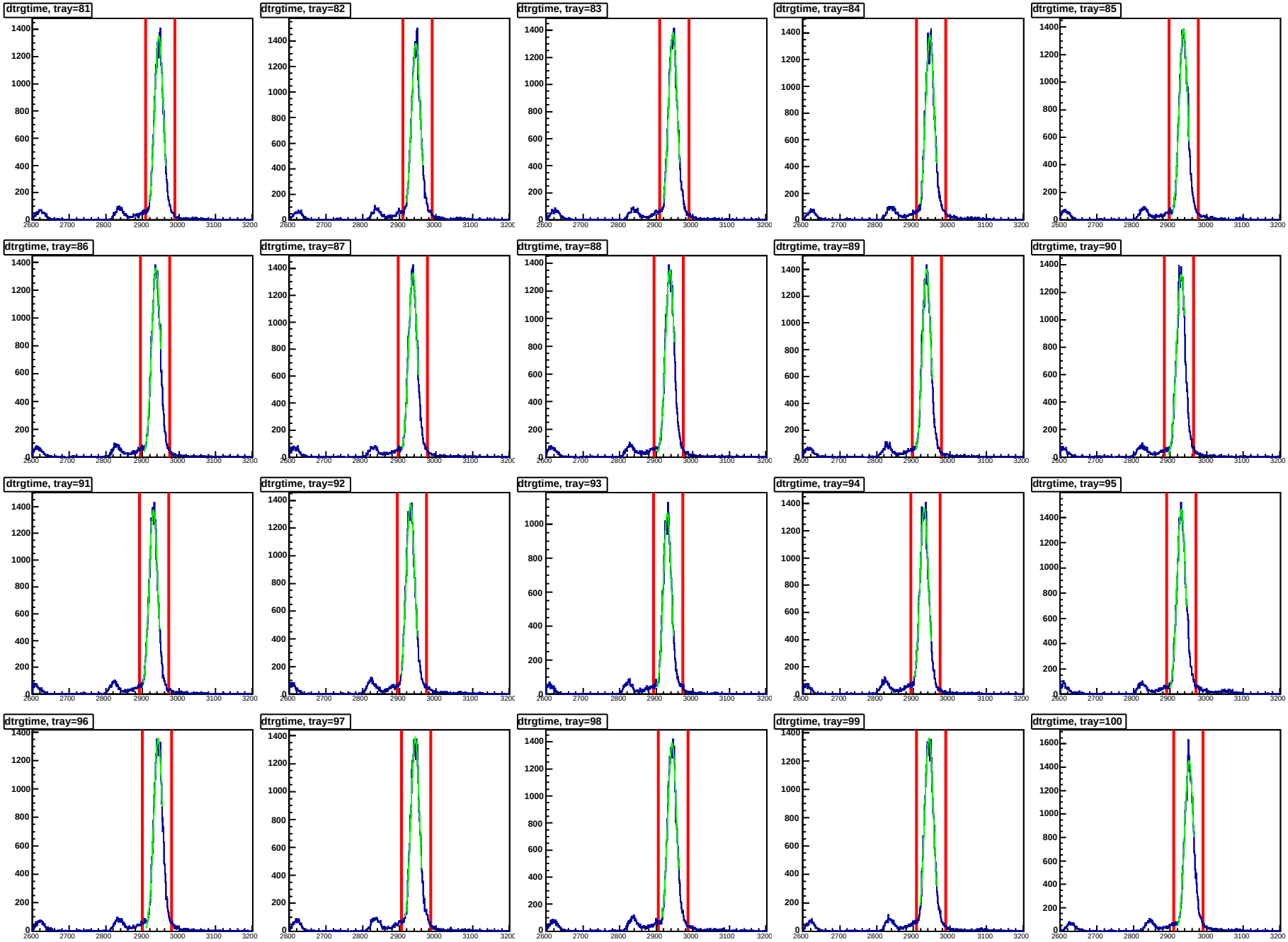

htrgdtime_tray
3200
3100
3000
2900
2800
2700
2600
20
40
60
80
100
120

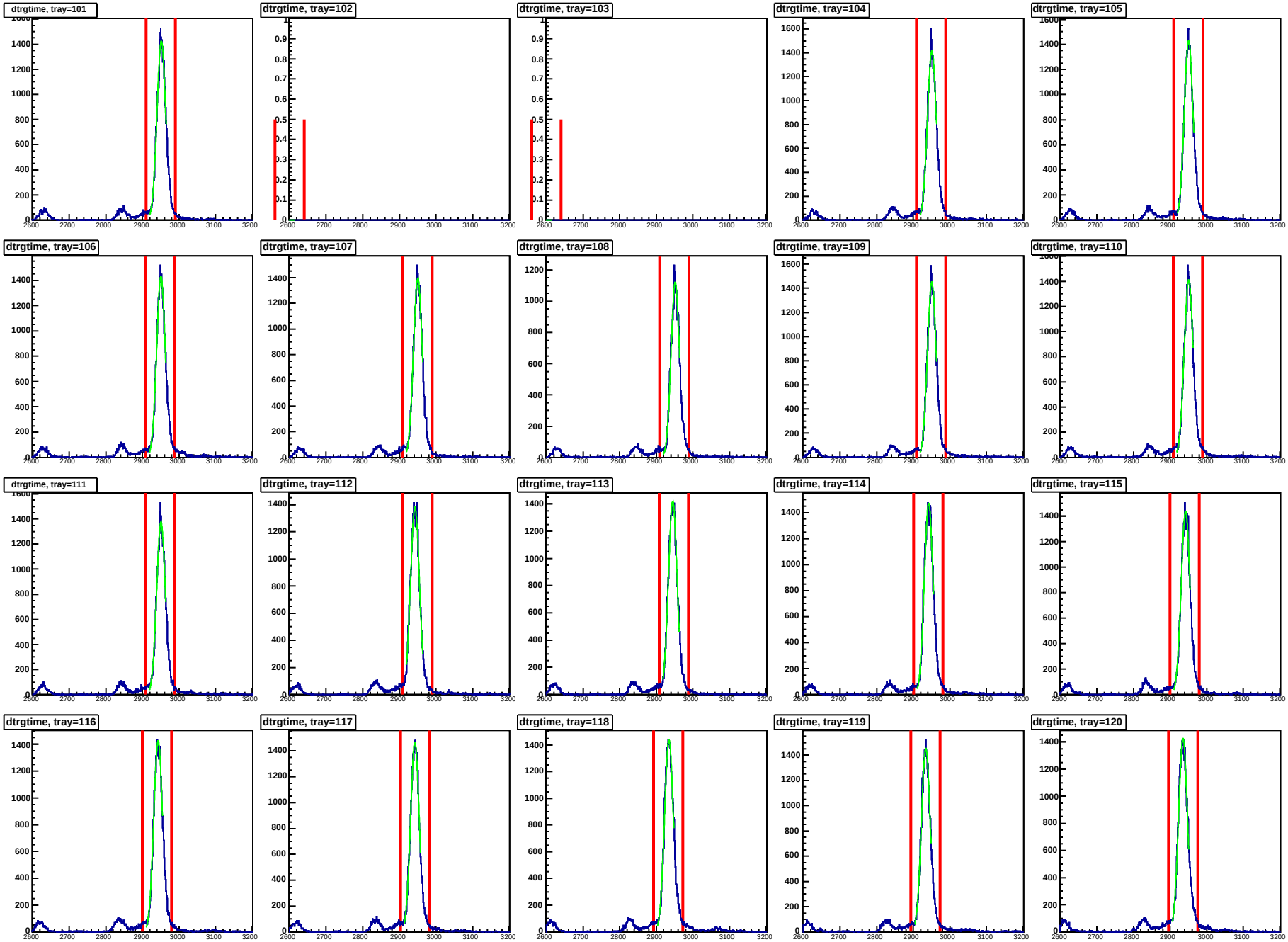

dtrgtime, tray=1
dtrgtime, tray=2
dtrgtime, tray=3
dtrgtime, tray=4
dtrgtime, tray=5
dtrgtime, tray=6
dtrgtime, tray=7
dtrgtime, tray=8
dtrgtime, tray=9
dtrgtime, tray=10
dtrgtime, tray=11
dtrgtime, tray=12
dtrgtime, tray=13
dtrgtime, tray=14
dtrgtime, tray=15
dtrgtime, tray=16
dtrgtime, tray=17
dtrgtime, tray=18
dtrgtime, tray=19
dtrgtime, tray=20

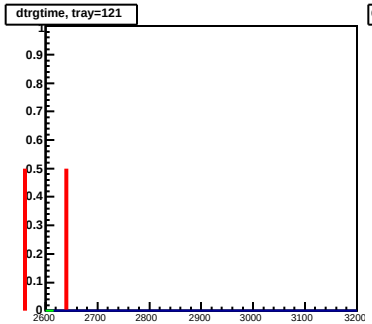

dtrgtime, tray=21
dtrgtime, tray=22
dtrgtime, tray=23
dtrgtime, tray=24
dtrgtime, tray=25
dtrgtime, tray=26
dtrgtime, tray=27
dtrgtime, tray=28
dtrgtime, tray=29
dtrgtime, tray=30
dtrgtime, tray=31
dtrgtime, tray=32
dtrgtime, tray=33
dtrgtime, tray=34
dtrgtime, tray=35
dtrgtime, tray=36
dtrgtime, tray=37
dtrgtime, tray=38
dtrgtime, tray=39
dtrgtime, tray=40

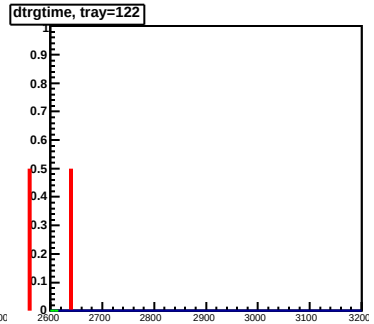

dtrgtime, tray=41
dtrgtime, tray=42
dtrgtime, tray=43
dtrgtime, tray=44
dtrgtime, tray=45
dtrgtime, tray=46
dtrgtime, tray=47
dtrgtime, tray=48
dtrgtime, tray=49
dtrgtime, tray=50
dtrgtime, tray=51
dtrgtime, tray=52
dtrgtime, tray=53
dtrgtime, tray=54
dtrgtime, tray=55
dtrgtime, tray=56
dtrgtime, tray=57
dtrgtime, tray=58
dtrgtime, tray=59
dtrgtime, tray=60

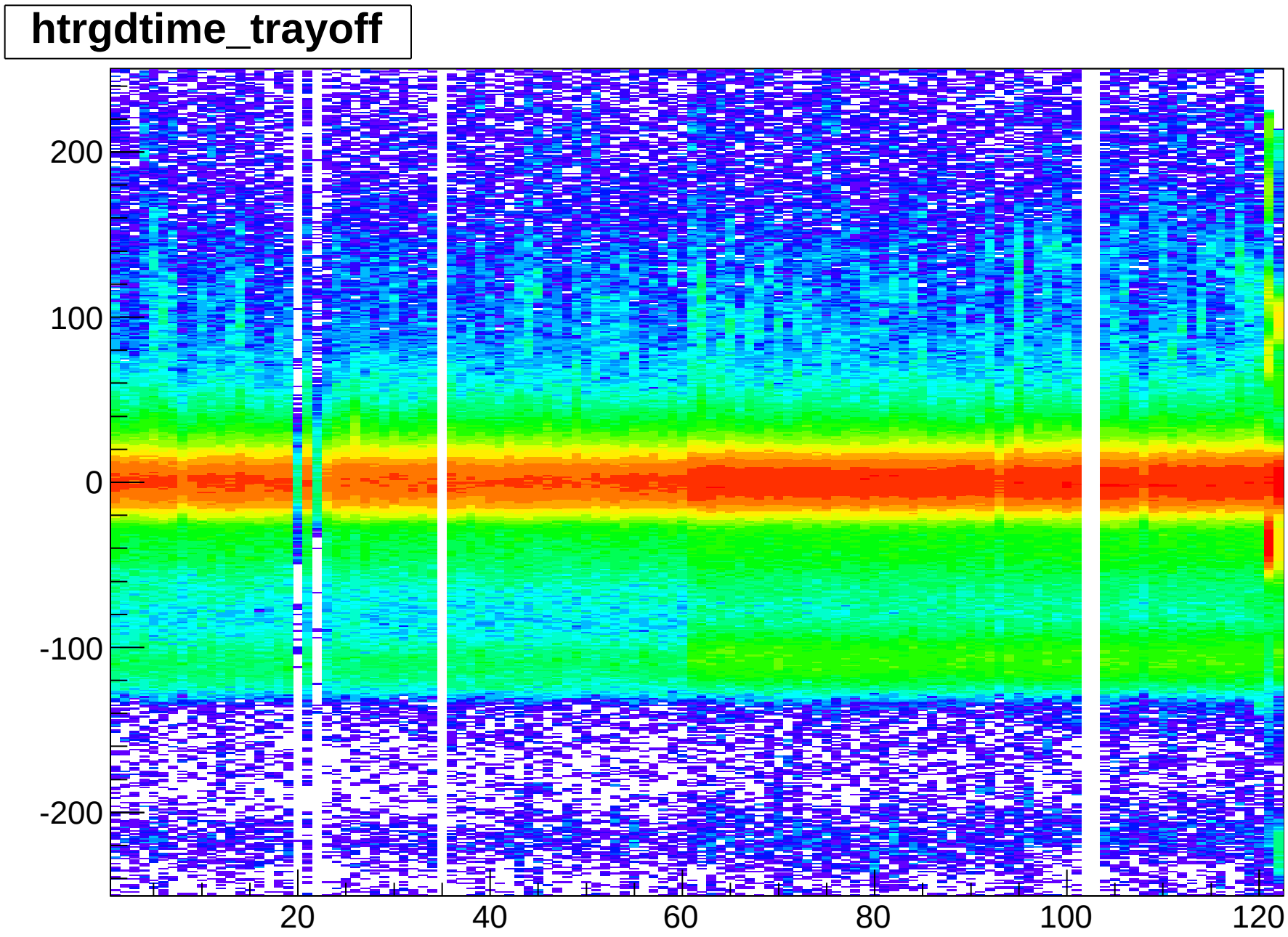

dtrgtime, tray=61
dtrgtime, tray=62
dtrgtime, tray=63
dtrgtime, tray=64
dtrgtime, tray=65
dtrgtime, tray=66
dtrgtime, tray=67
dtrgtime, tray=68
dtrgtime, tray=69
dtrgtime, tray=70
dtrgtime, tray=71
dtrgtime, tray=72
dtrgtime, tray=73
dtrgtime, tray=74
dtrgtime, tray=75
dtrgtime, tray=76
dtrgtime, tray=77
dtrgtime, tray=78
dtrgtime, tray=79
dtrgtime, tray=80

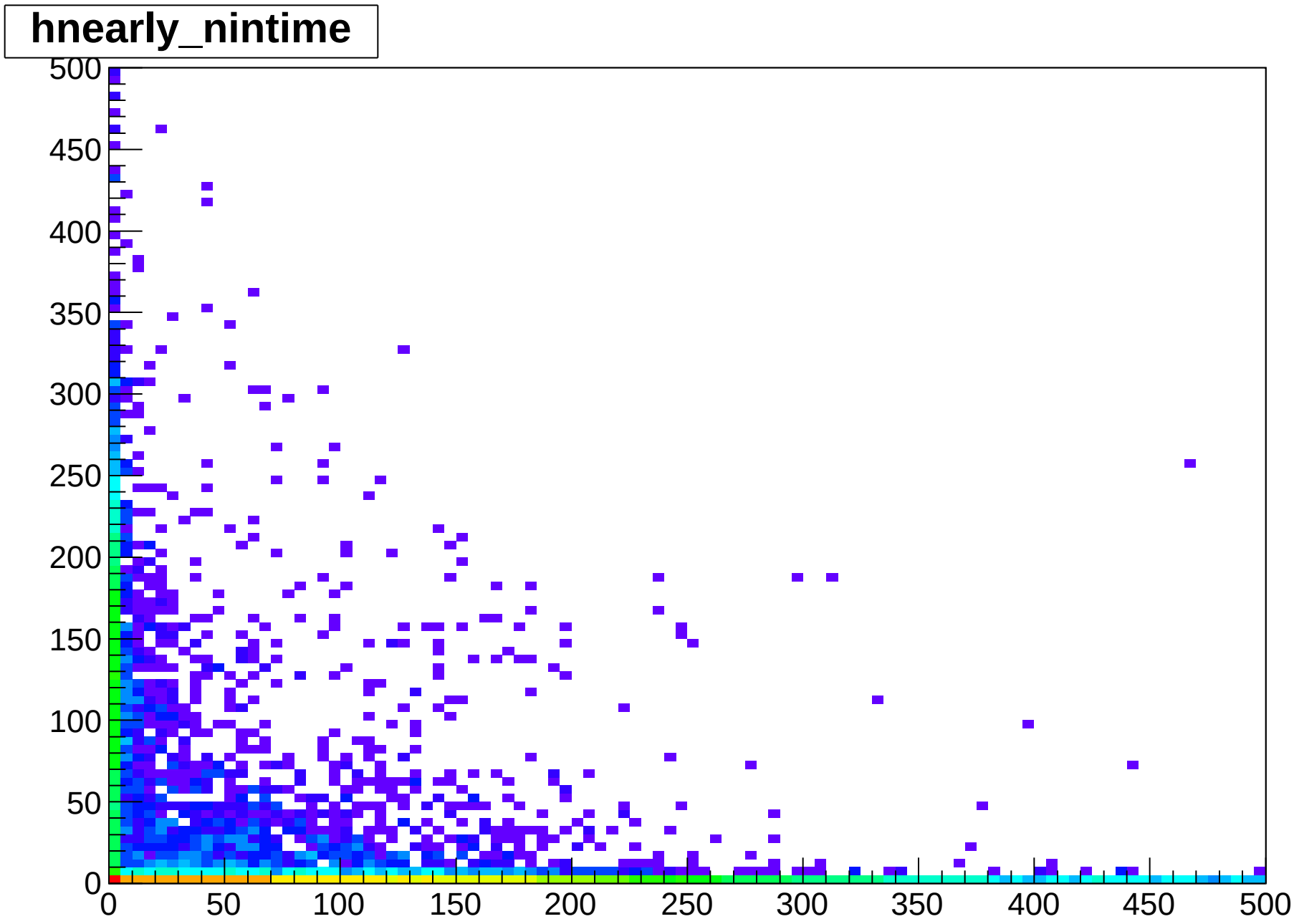

dtrgtime, tray=81
dtrgtime, tray=82
dtrgtime, tray=83
dtrgtime, tray=84
dtrgtime, tray=85
dtrgtime, tray=86
dtrgtime, tray=87
dtrgtime, tray=88
dtrgtime, tray=89
dtrgtime, tray=90
dtrgtime, tray=91
dtrgtime, tray=92
dtrgtime, tray=93
dtrgtime, tray=94
dtrgtime, tray=95
dtrgtime, tray=96
dtrgtime, tray=97
dtrgtime, tray=98
dtrgtime, tray=99
dtrgtime, tray=100

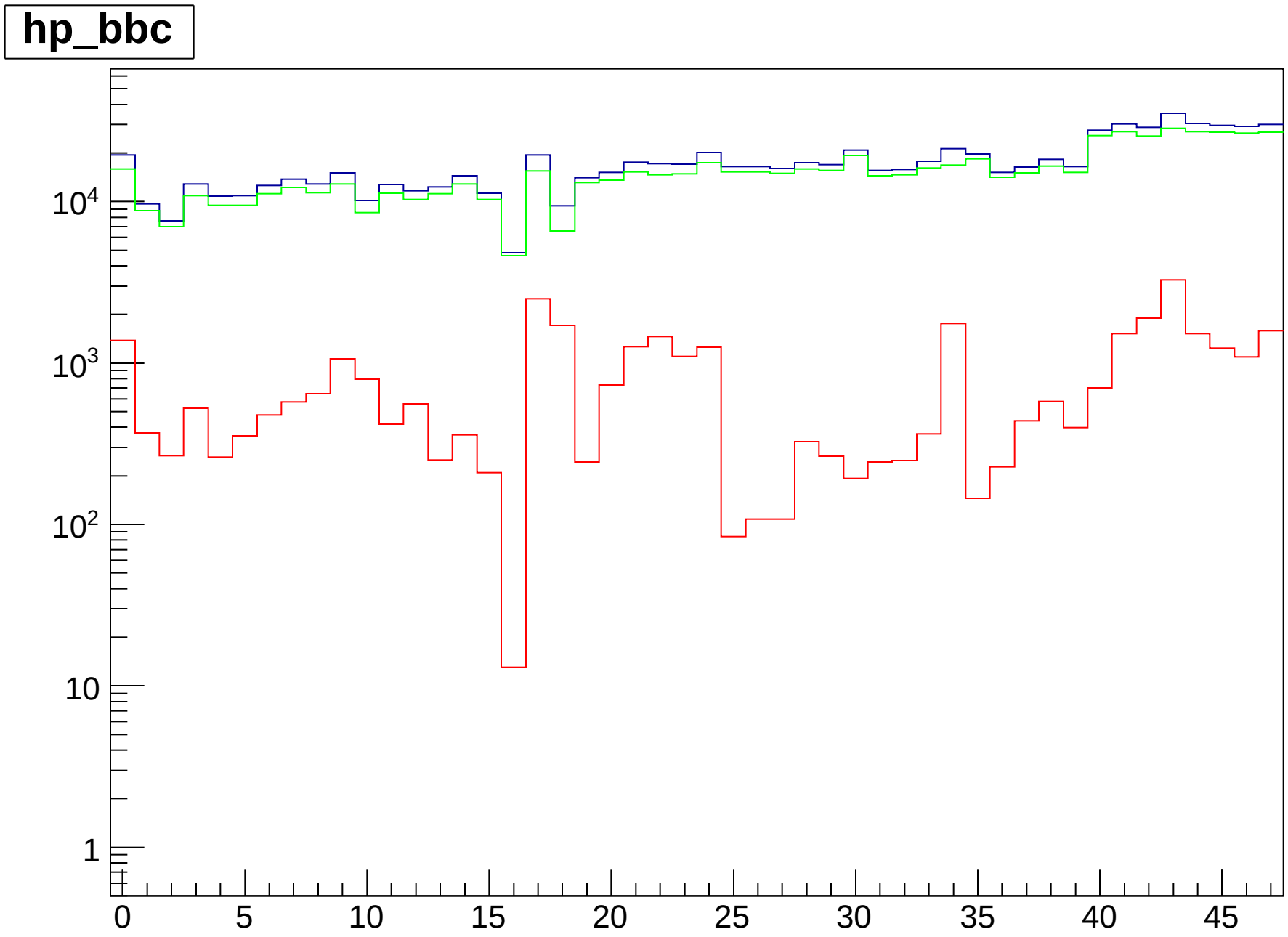

dtrgtime, tray=101
dtrgtime, tray=102
dtrgtime, tray=103
dtrgtime, tray=104
dtrgtime, tray=105
dtrgtime, tray=106
dtrgtime, tray=107
dtrgtime, tray=108
dtrgtime, tray=109
dtrgtime, tray=110
dtrgtime, tray=111
dtrgtime, tray=112
dtrgtime, tray=113
dtrgtime, tray=114
dtrgtime, tray=115
dtrgtime, tray=116
dtrgtime, tray=117
dtrgtime, tray=118
dtrgtime, tray=119
dtrgtime, tray=120

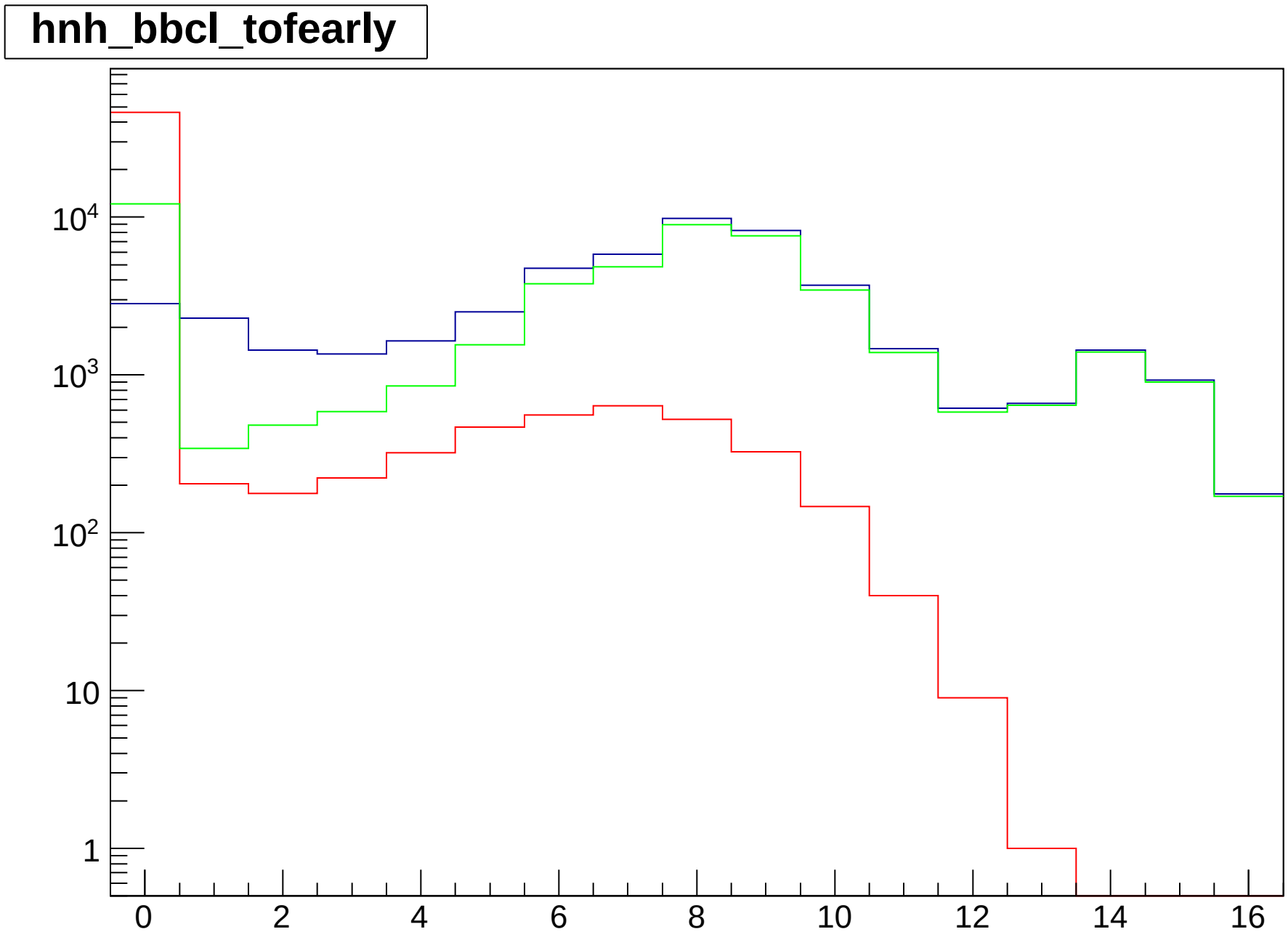

dtrgtime, tray=121
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2600
2700
2800
2900
3000
3100
3200


dtrgtime, tray=122
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2600
2700
2800
2900
3000
3100
3200


htrgdtime_trayoff
200
100
0
-100
-200
20
40
60
80
100
120


hnearly_nintime
500
450
400
350
300
250
200
150
100
50
0
0
50
100
150
200
250
300
350
400
450
500


hp_bbc
10^4
10^3
10^2
10
1
0
5
10
15
20
25
30
35
40
45


hnh_bbcl_tofearly
10^4
10^3
10^2
10
1
0
2
4
6
8
10
12
14
16