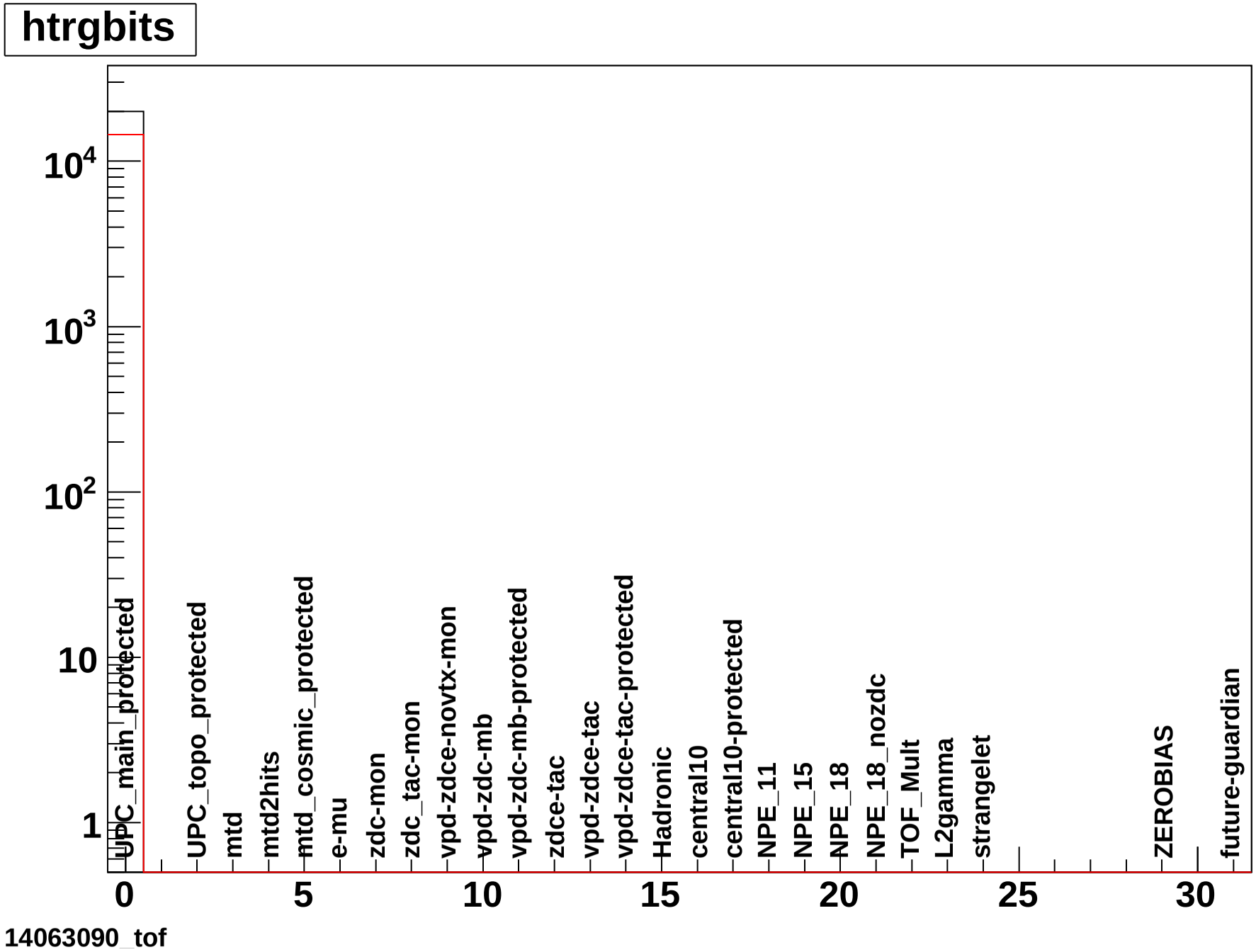
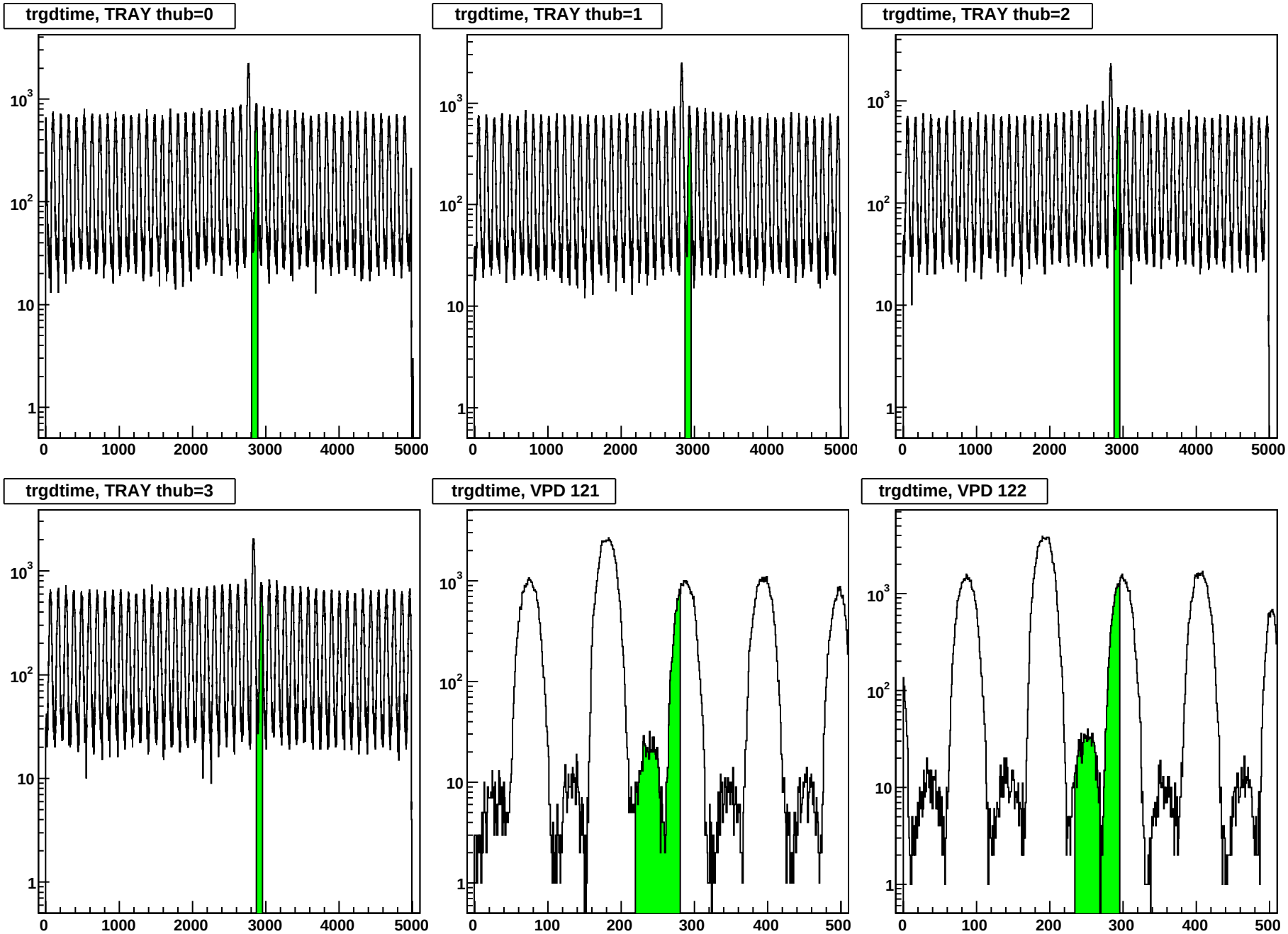
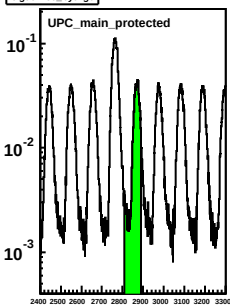

htrgbits
10^4
10^3
10^2
10
1
0
5
10
15
20
25
30
UPC_main_protected
UPC_topo_protected
mtd
mtd2hits
mtd_cosmic_protected
e-mu
zdc-mon
zdc_tac-mon
vpd-zdce-novtx-mon
vpd-zdc-mb
vpd-zdc-mb-protected
zdce-tac
vpd-zdce-tac
vpd-zdce-tac-protected
Hadronic
central10
central10-protected
NPE_11
NPE_15
NPE_18
NPE_18_nozdc
TOF_Mult
L2gamma
strangelet
ZEROBIAS
future-guardian
14063090_tof


trgdtime, TRAY thub=0
trgdtime, TRAY thub=1
trgdtime, TRAY thub=2
trgdtime, TRAY thub=3
trgdtime, VPD 121
trgdtime, VPD 122
1
10
10^2
10^3
0
1000
2000
3000
4000
5000
100
200
300
400
500

htrgdtime0_bytrig0



UPC_topo_protected

mtd

mtd2hits

mtd_cosmic_protected

e-mu

zdc-mon

zdc_tac-mon

vpd-zdce-novtx-mon

vpd-zdc-mb

vpd-zdc-mb-protected

zdce-tac

vpd-zdce-tac

vpd-zdce-tac-protected

Hadronic

central10

central10-protected

NPE_11

NPE_15

NPE_18

NPE_18_nozdc

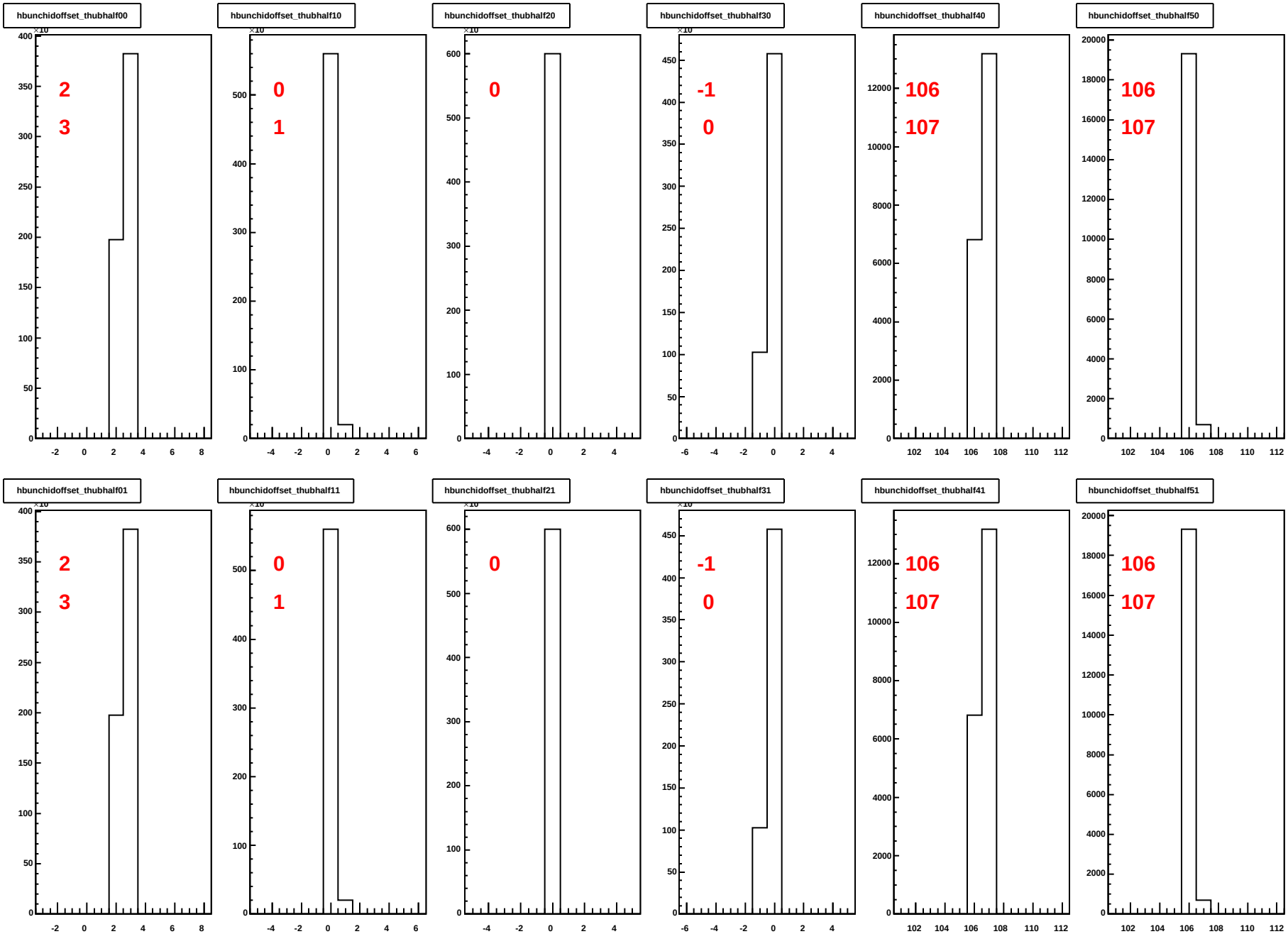
TOF_Mult

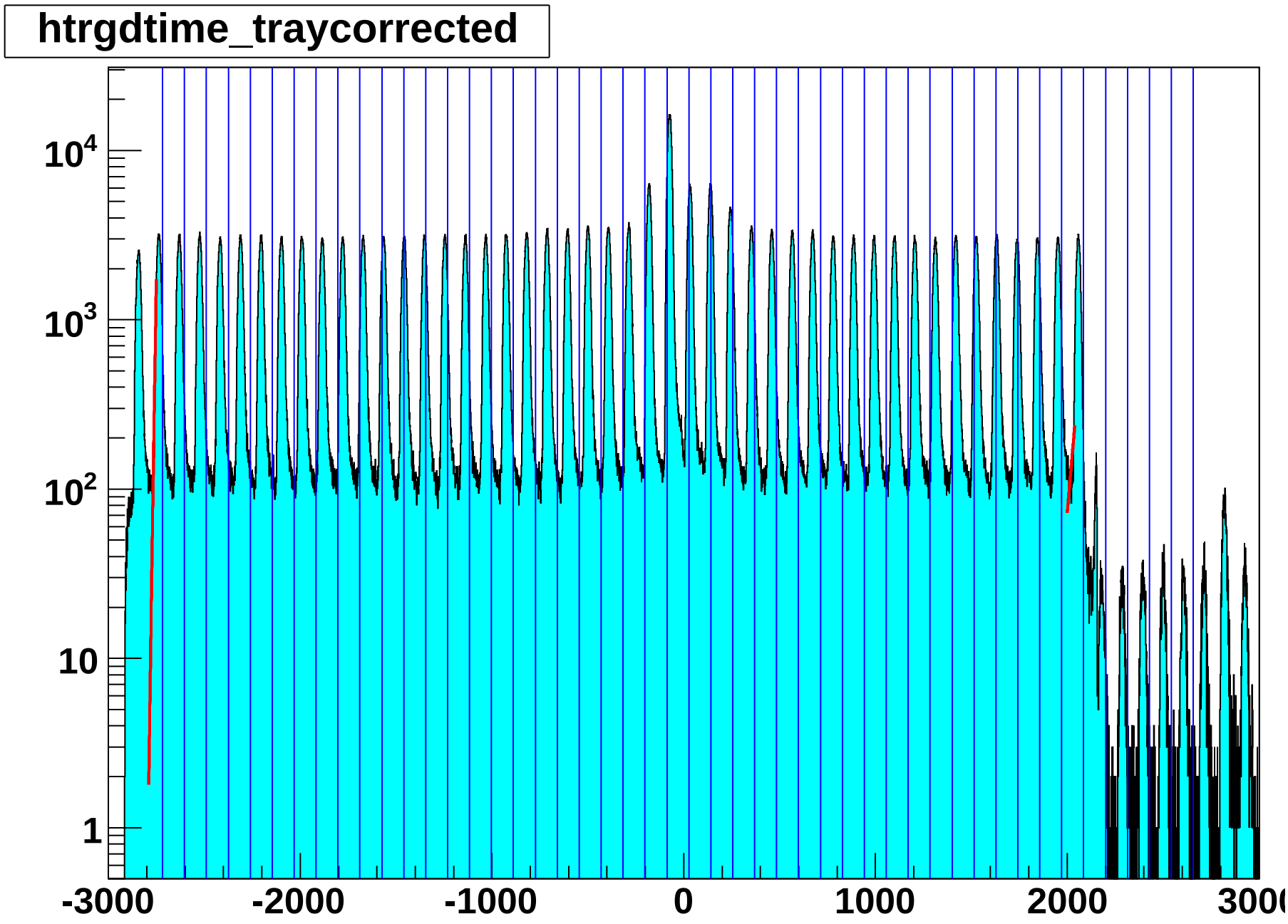
L2gamma

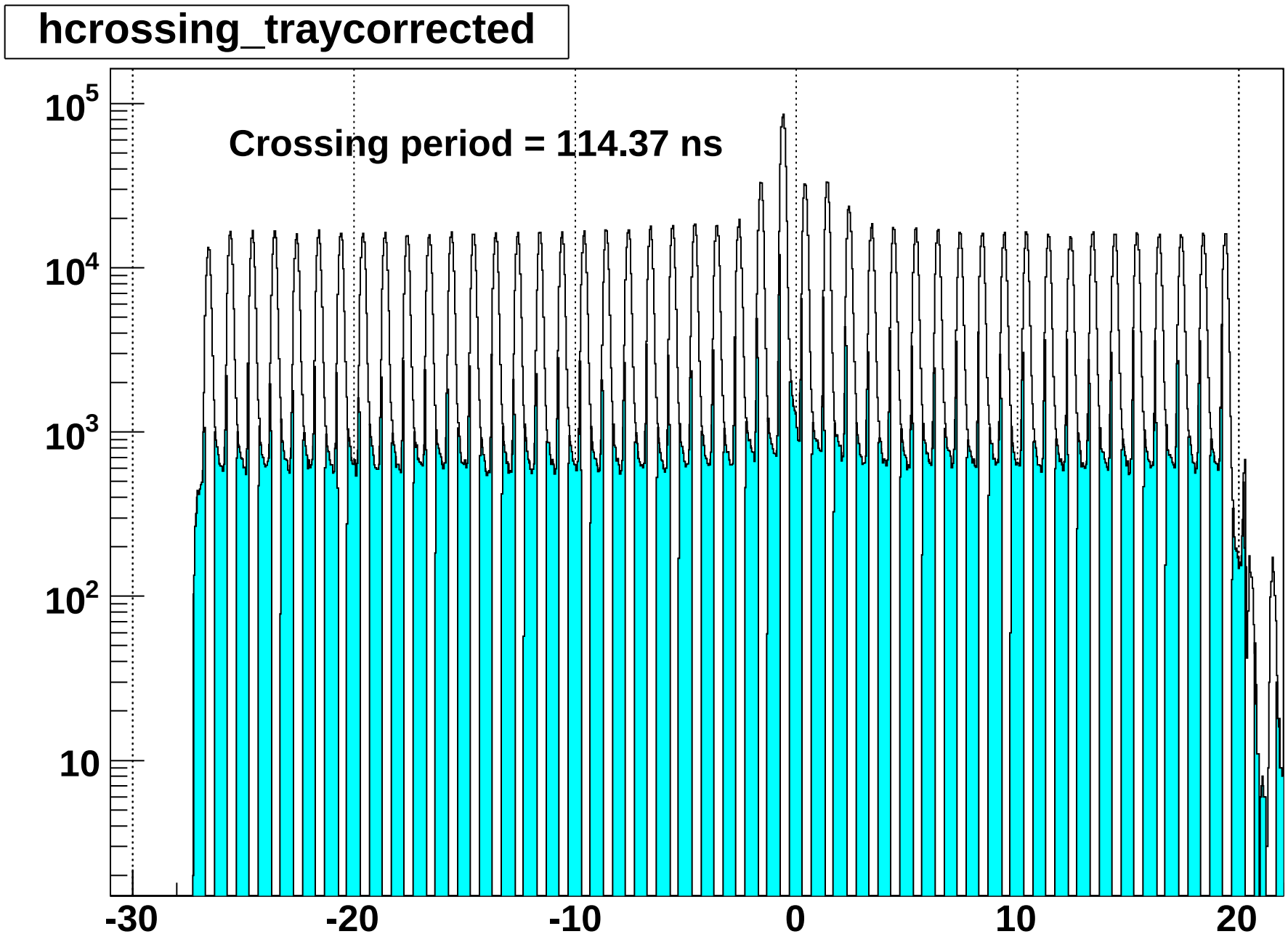
strangelet

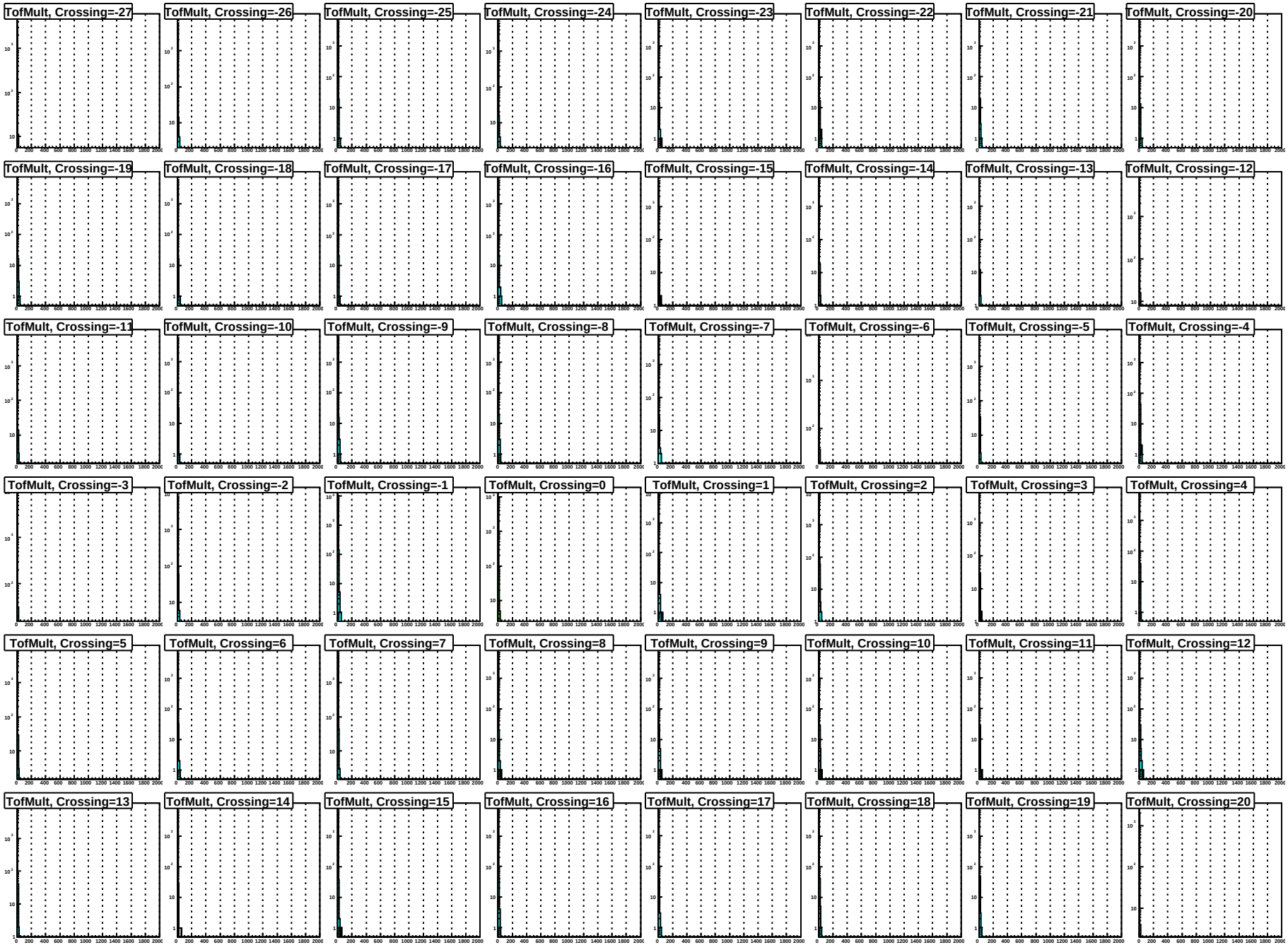
ZEROBIAS

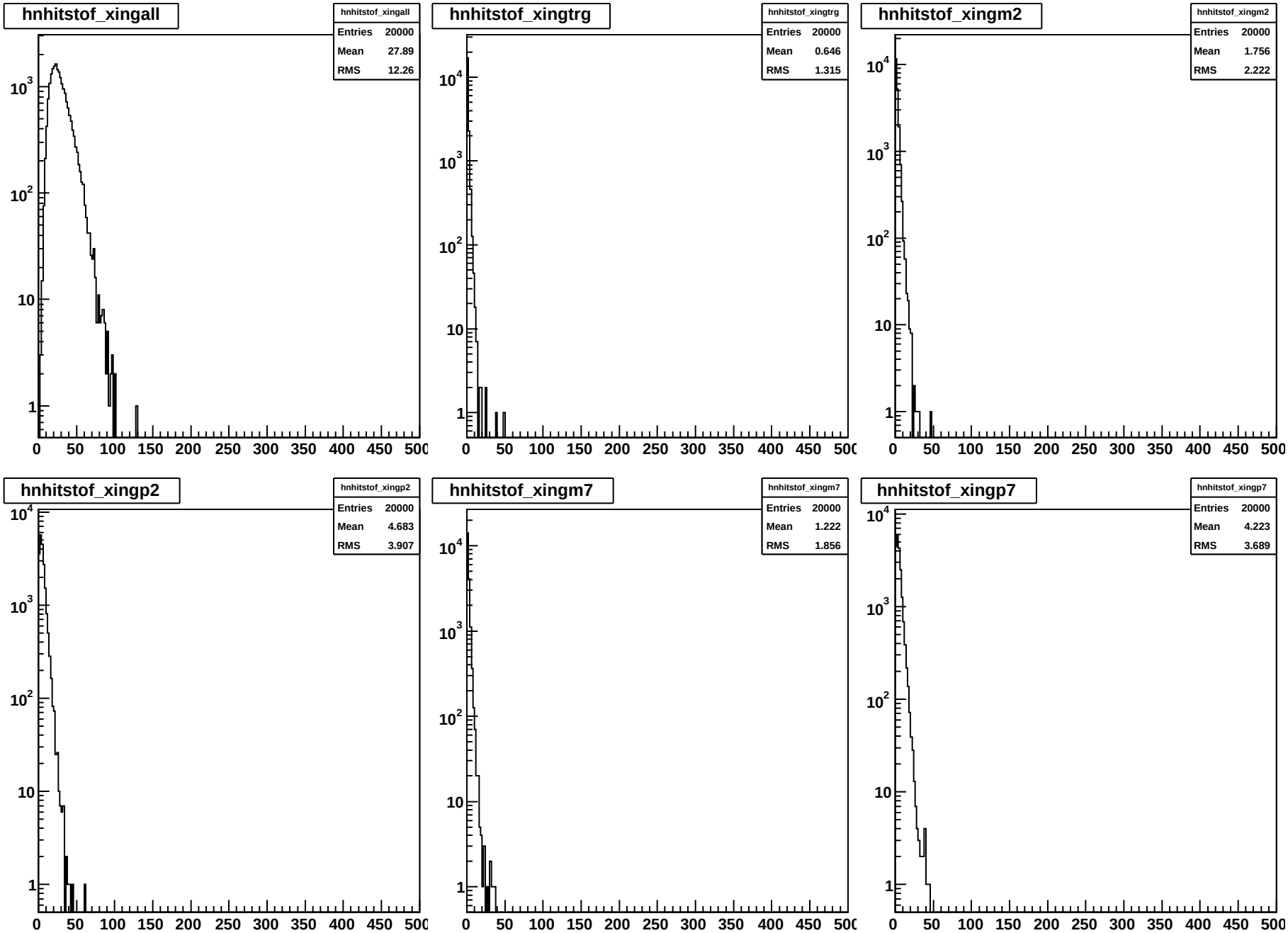
future-guardian

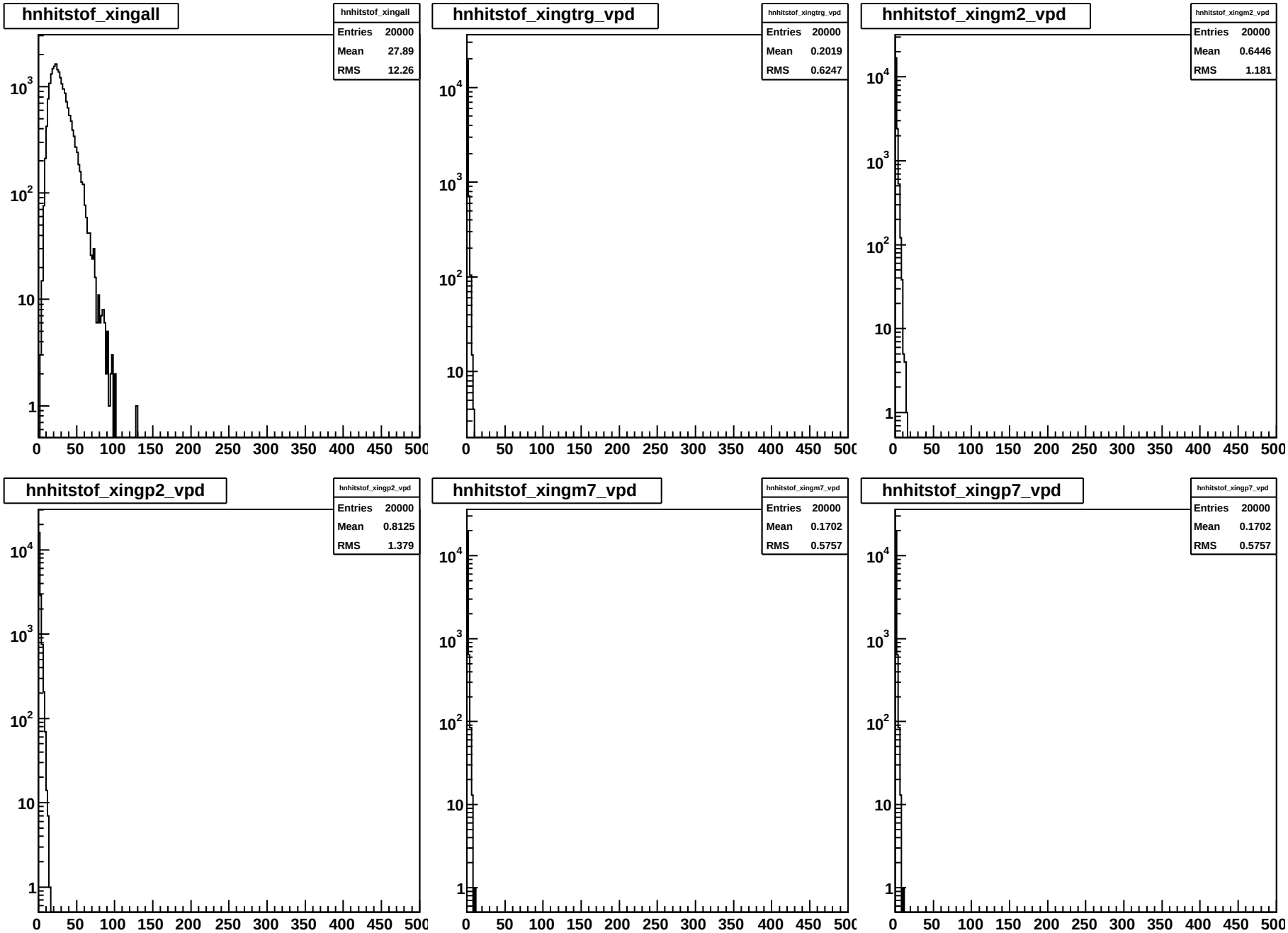

hbunchidoffset_thubhalf00
2
3
hbunchidoffset_thubhalf10
0
1
hbunchidoffset_thubhalf20
0
hbunchidoffset_thubhalf30
-1
0
hbunchidoffset_thubhalf40
106
107
hbunchidoffset_thubhalf50
106
107
hbunchidoffset_thubhalf01
2
3
hbunchidoffset_thubhalf11
0
1
hbunchidoffset_thubhalf21
0
hbunchidoffset_thubhalf31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


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

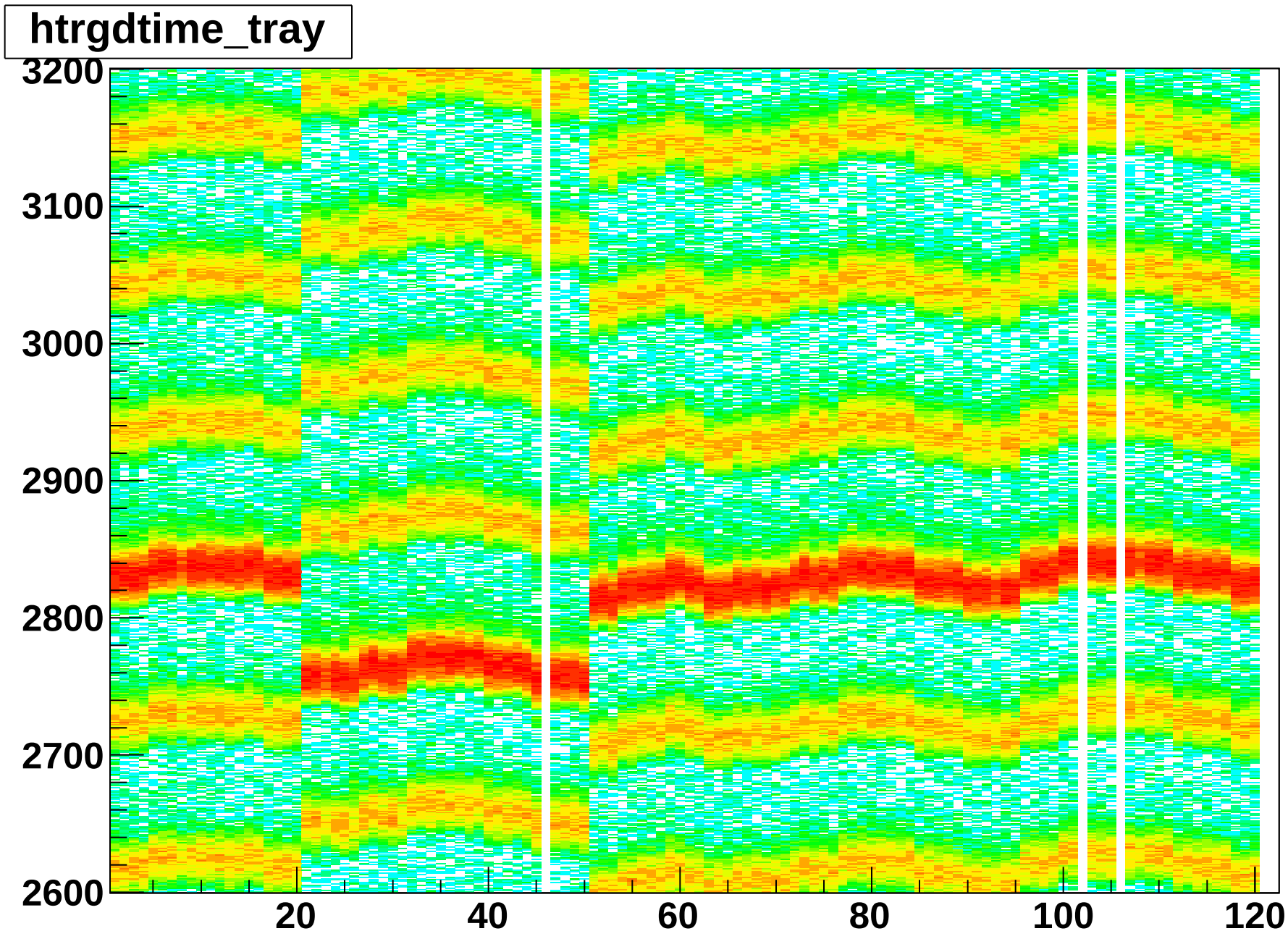

hcrossing_traycorrected
Crossing period = 114.37 ns
10^5
10^4
10^3
10^2
10
-30
-20
-10
0
10
20

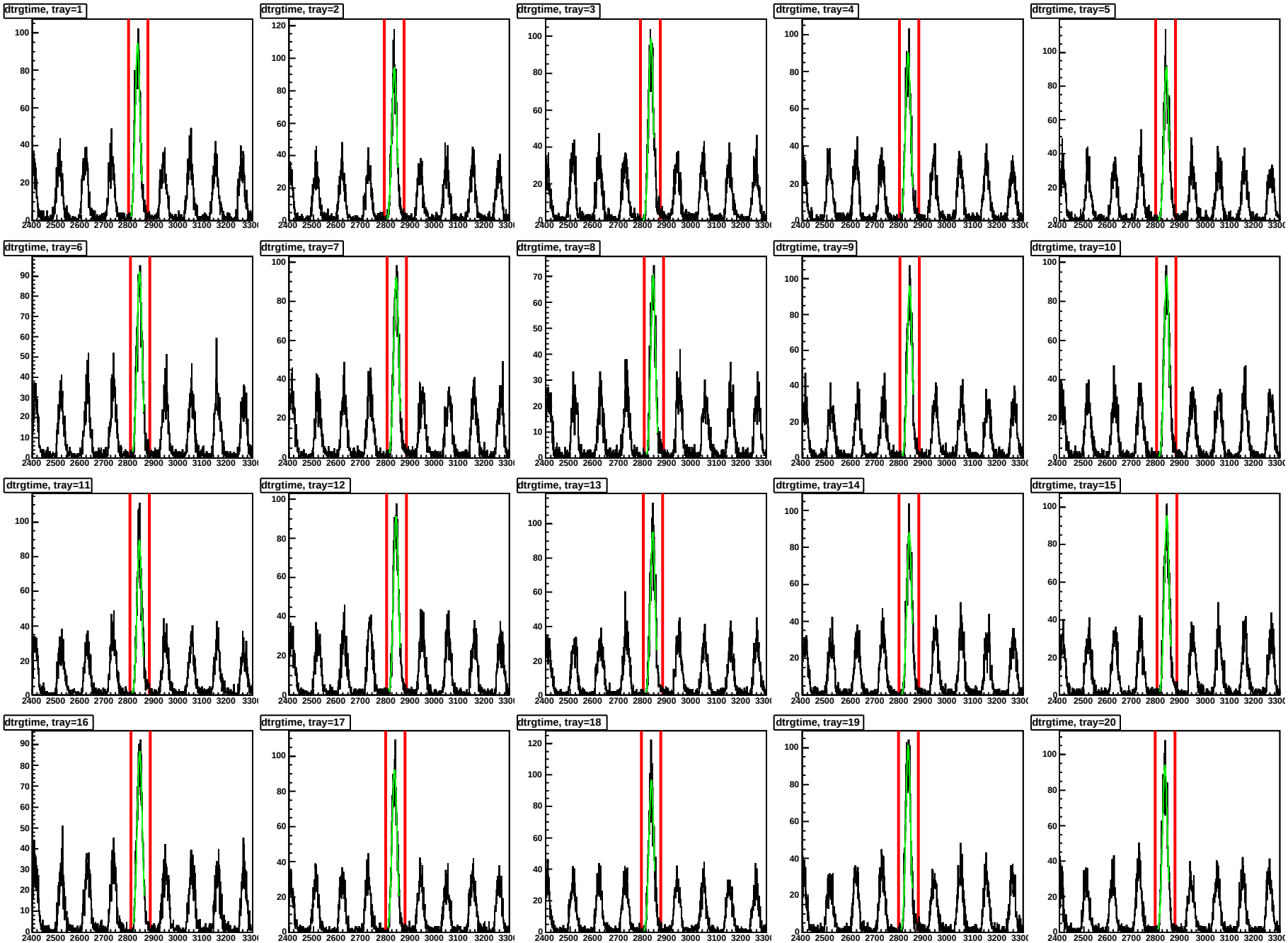

TofMult, Crossing=-27
TofMult, Crossing=-26
TofMult, Crossing=-25
TofMult, Crossing=-24
TofMult, Crossing=-23
TofMult, Crossing=-22
TofMult, Crossing=-21
TofMult, Crossing=-20
TofMult, Crossing=-19
TofMult, Crossing=-18
TofMult, Crossing=-17
TofMult, Crossing=-16
TofMult, Crossing=-15
TofMult, Crossing=-14
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

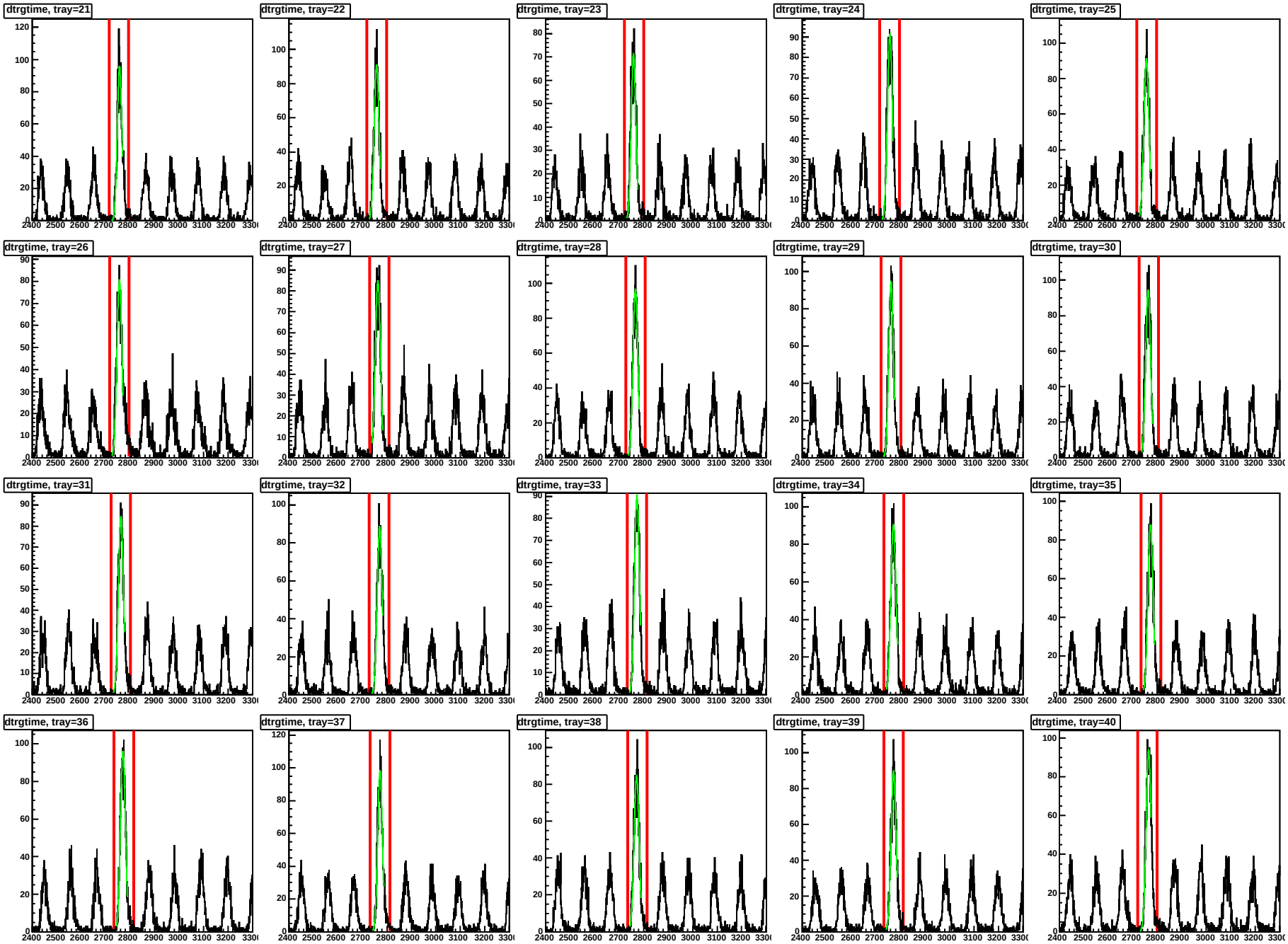

hnhitstof_xingall
hnhitstof_xingall
Entries 20000
Mean 27.89
RMS 12.26
hnhitstof_xingtrg
hnhitstof_xingtrg
Entries 20000
Mean 0.646
RMS 1.315
hnhitstof_xingm2
hnhitstof_xingm2
Entries 20000
Mean 1.756
RMS 2.222
hnhitstof_xingp2
hnhitstof_xingp2
Entries 20000
Mean 4.683
RMS 3.907
hnhitstof_xingm7
hnhitstof_xingm7
Entries 20000
Mean 1.222
RMS 1.856
hnhitstof_xingp7
hnhitstof_xingp7
Entries 20000
Mean 4.223
RMS 3.689

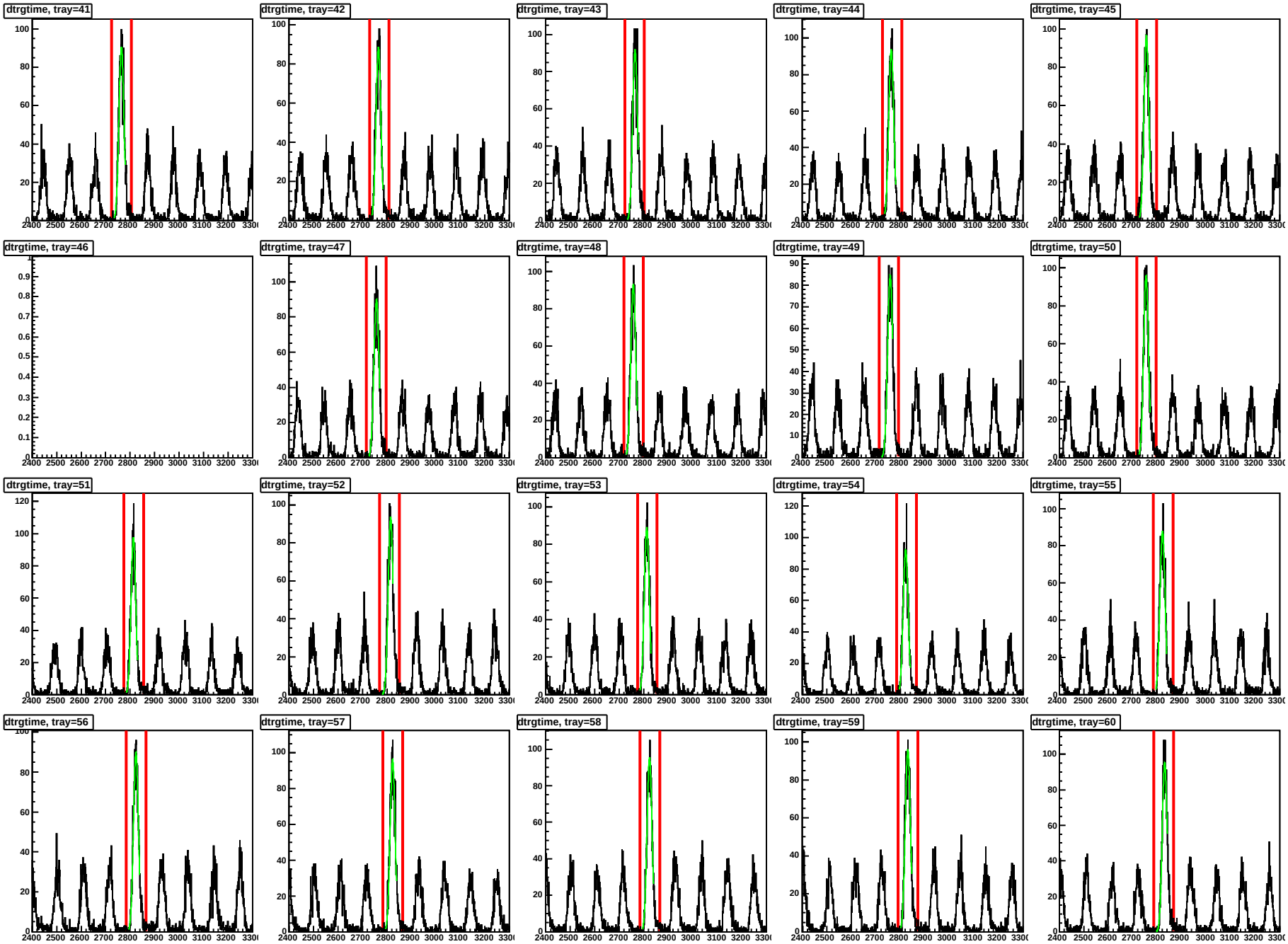

hnhitstof_xingall
hnhitstof_xingall
Entries 20000
Mean 27.89
RMS 12.26
hnhitstof_xingtrg_vpd
hnhitstof_xingtrg_vpd
Entries 20000
Mean 0.2019
RMS 0.6247
hnhitstof_xingm2_vpd
hnhitstof_xingm2_vpd
Entries 20000
Mean 0.6446
RMS 1.181
hnhitstof_xingp2_vpd
hnhitstof_xingp2_vpd
Entries 20000
Mean 0.8125
RMS 1.379
hnhitstof_xingm7_vpd
hnhitstof_xingm7_vpd
Entries 20000
Mean 0.1702
RMS 0.5757
hnhitstof_xingp7_vpd
hnhitstof_xingp7_vpd
Entries 20000
Mean 0.1702
RMS 0.5757

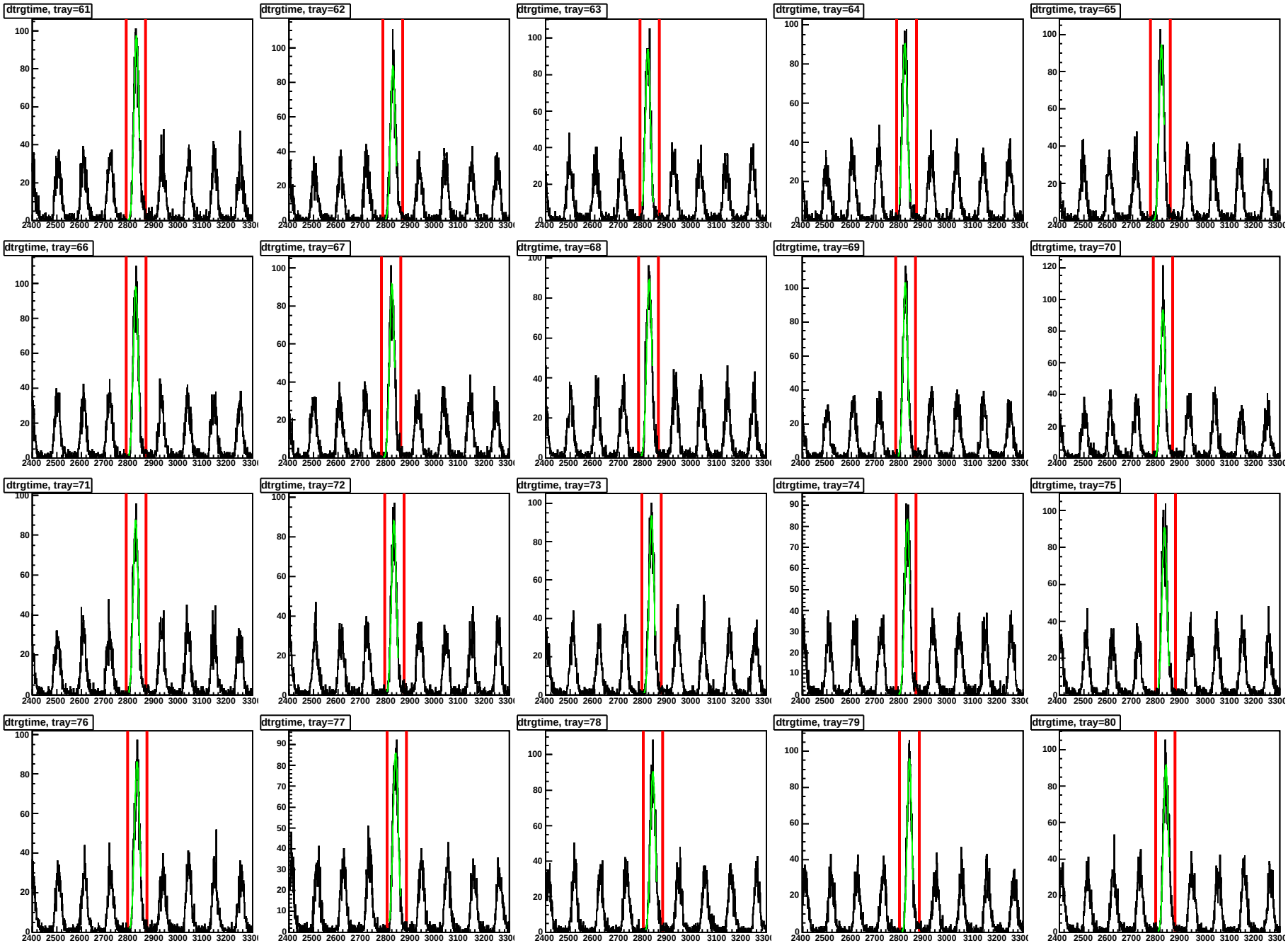
hnhits_prec_bytrig0
UPC_main_protected
hnhits_prec_bytrig1
hnhits_prec_bytrig2
UPC_topo_protected
hnhits_prec_bytrig3
mtd
hnhits_prec_bytrig4
mtd2hits
hnhits_prec_bytrig5
mtd_cosmic_protected
hnhits_prec_bytrig6
e-mu
hnhits_prec_bytrig7
zdc-mon
hnhits_prec_bytrig8
zdc_tac-mon
hnhits_prec_bytrig9
vpd-zdce-novtx-mon
hnhits_prec_bytrig10
vpd-zdc-mb
hnhits_prec_bytrig11
vpd-zdc-mb-protected
hnhits_prec_bytrig12
zdce-tac
hnhits_prec_bytrig13
vpd-zdce-tac
hnhits_prec_bytrig14
vpd-zdce-tac-protected
hnhits_prec_bytrig15
Hadronic
hnhits_prec_bytrig16
central10
hnhits_prec_bytrig17
central10-protected
hnhits_prec_bytrig18
NPE_11
hnhits_prec_bytrig19
NPE_15
hnhits_prec_bytrig20
NPE_18
hnhits_prec_bytrig21
NPE_18_nozdc
hnhits_prec_bytrig22
TOF_Mult
hnhits_prec_bytrig23
L2gamma
hnhits_prec_bytrig24
strangelet
hnhits_prec_bytrig25
hnhits_prec_bytrig26
hnhits_prec_bytrig27
hnhits_prec_bytrig28
hnhits_prec_bytrig29
ZEROBIAS
hnhits_prec_bytrig30
hnhits_prec_bytrig31
future-guardian

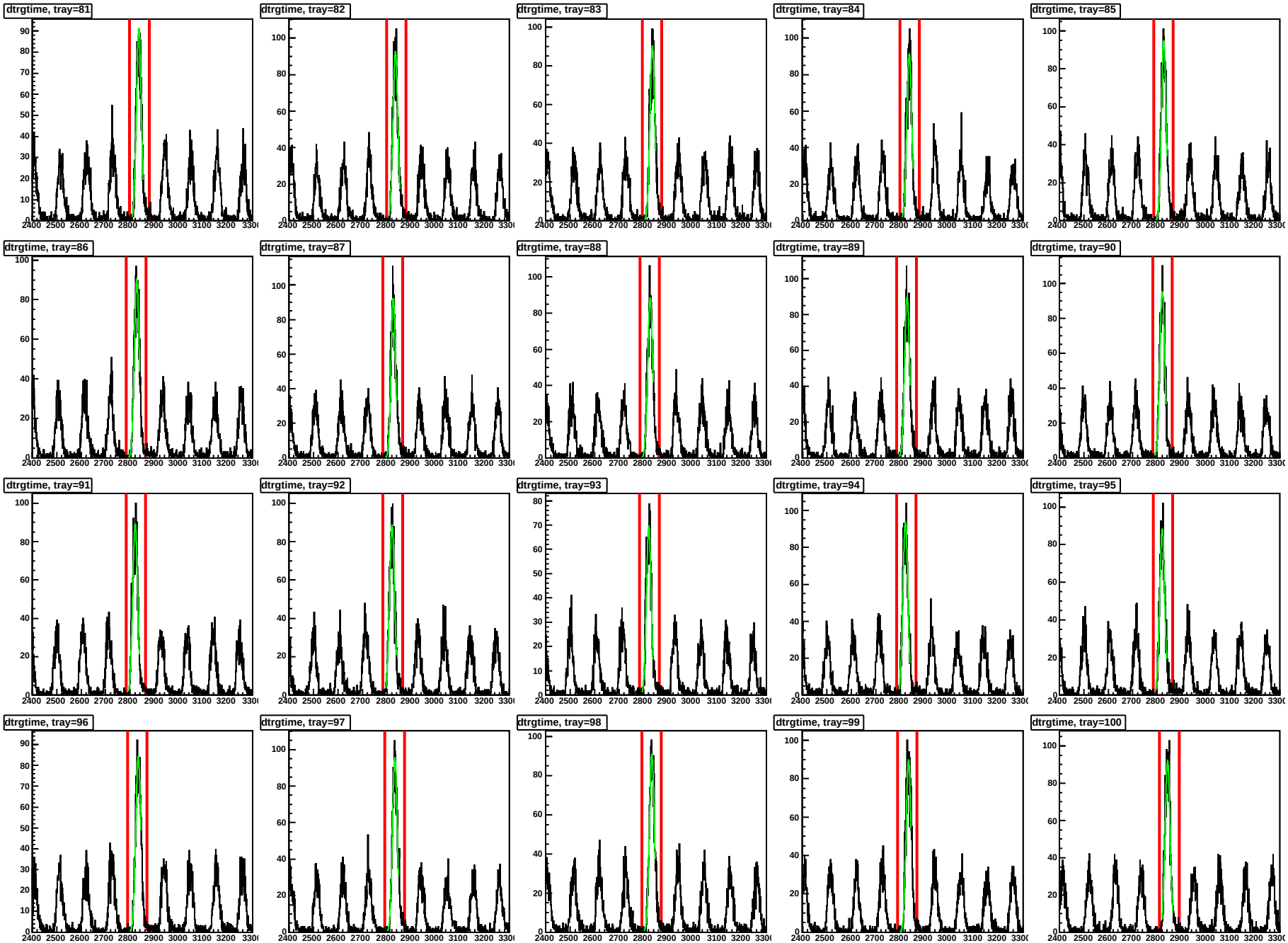

htrgdtime_tray
3200
3100
3000
2900
2800
2700
2600
20
40
60
80
100
120

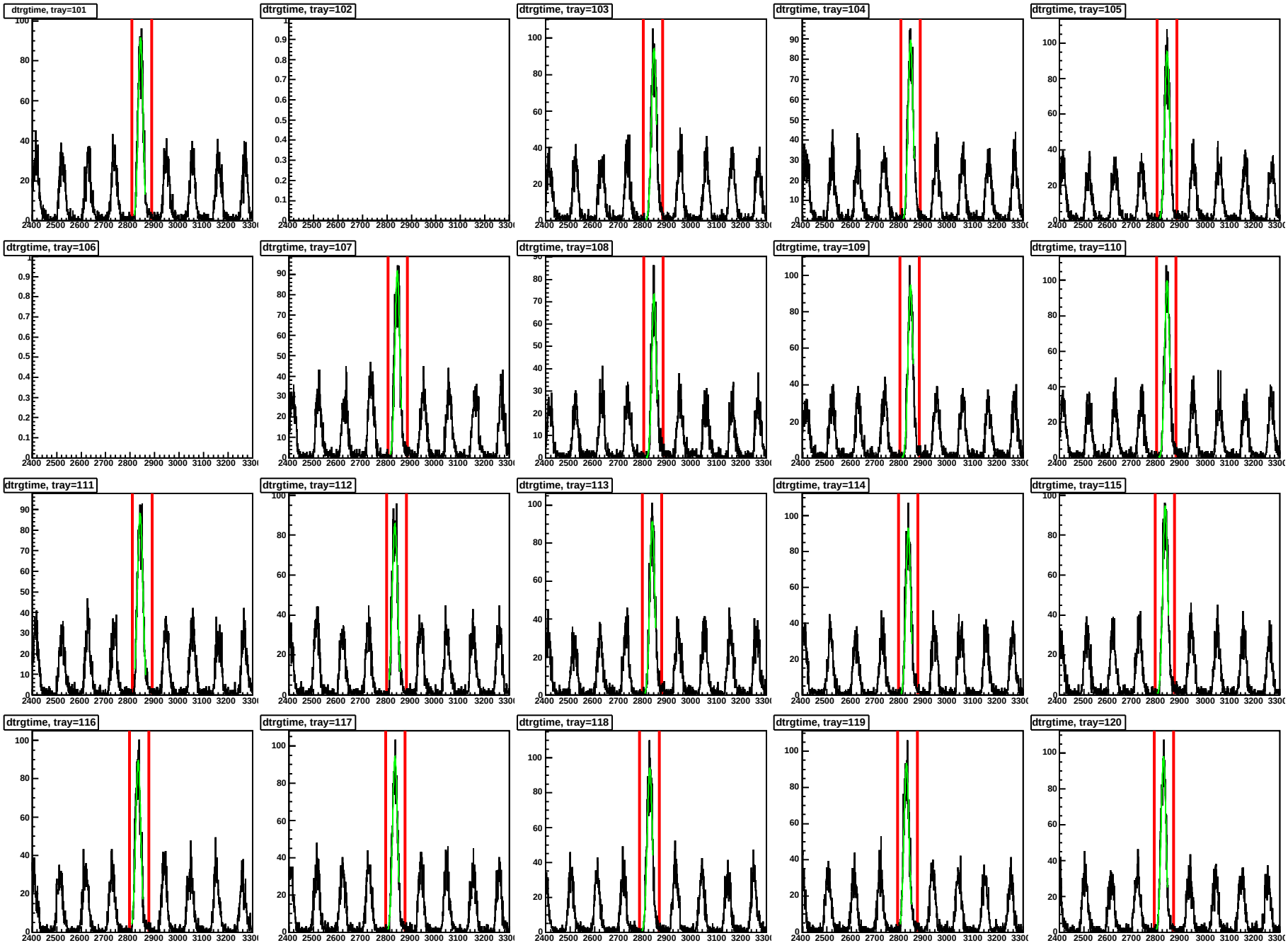

dtrgtime, tray=1
dtrgtime, tray=2
dtrgtime, tray=3
dtrgtime, tray=4
dtrgtime, tray=5
dtrgtime, tray=6
dtrgtime, tray=7
dtrgtime, tray=8
dtrgtime, tray=9
dtrgtime, tray=10
dtrgtime, tray=11
dtrgtime, tray=12
dtrgtime, tray=13
dtrgtime, tray=14
dtrgtime, tray=15
dtrgtime, tray=16
dtrgtime, tray=17
dtrgtime,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

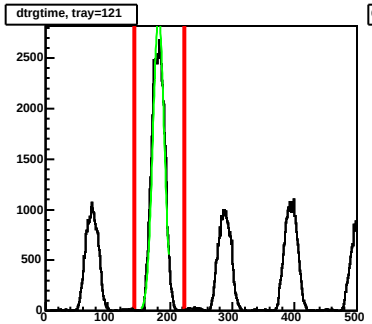

dtrgtime, tray=21
dtrgtime, tray=22
dtrgtime, tray=23
dtrgtime, tray=24
dtrgtime, tray=25
dtrgtime, tray=26
dtrgtime, tray=27
dtrgtime, tray=28
dtrgtime, tray=29
dtrgtime, tray=30
dtrgtime, tray=31
dtrgtime, tray=32
dtrgtime, tray=33
dtrgtime, tray=34
dtrgtime, tray=35
dtrgtime, tray=36
dtrgtime, tray=37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

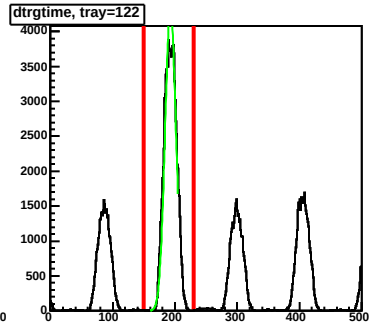

dtrgtime, tray=41
dtrgtime, tray=42
dtrgtime, tray=43
dtrgtime, tray=44
dtrgtime, tray=45
dtrgtime, tray=46
dtrgtime, tray=47
dtrgtime, tray=48
dtrgtime, tray=49
dtrgtime, tray=50
dtrgtime, tray=51
dtrgtime, tray=52
dtrgtime, tray=53
dtrgtime, tray=54
dtrgtime, tray=55
dtrgtime, tray=56
dtrgtime, tray=57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

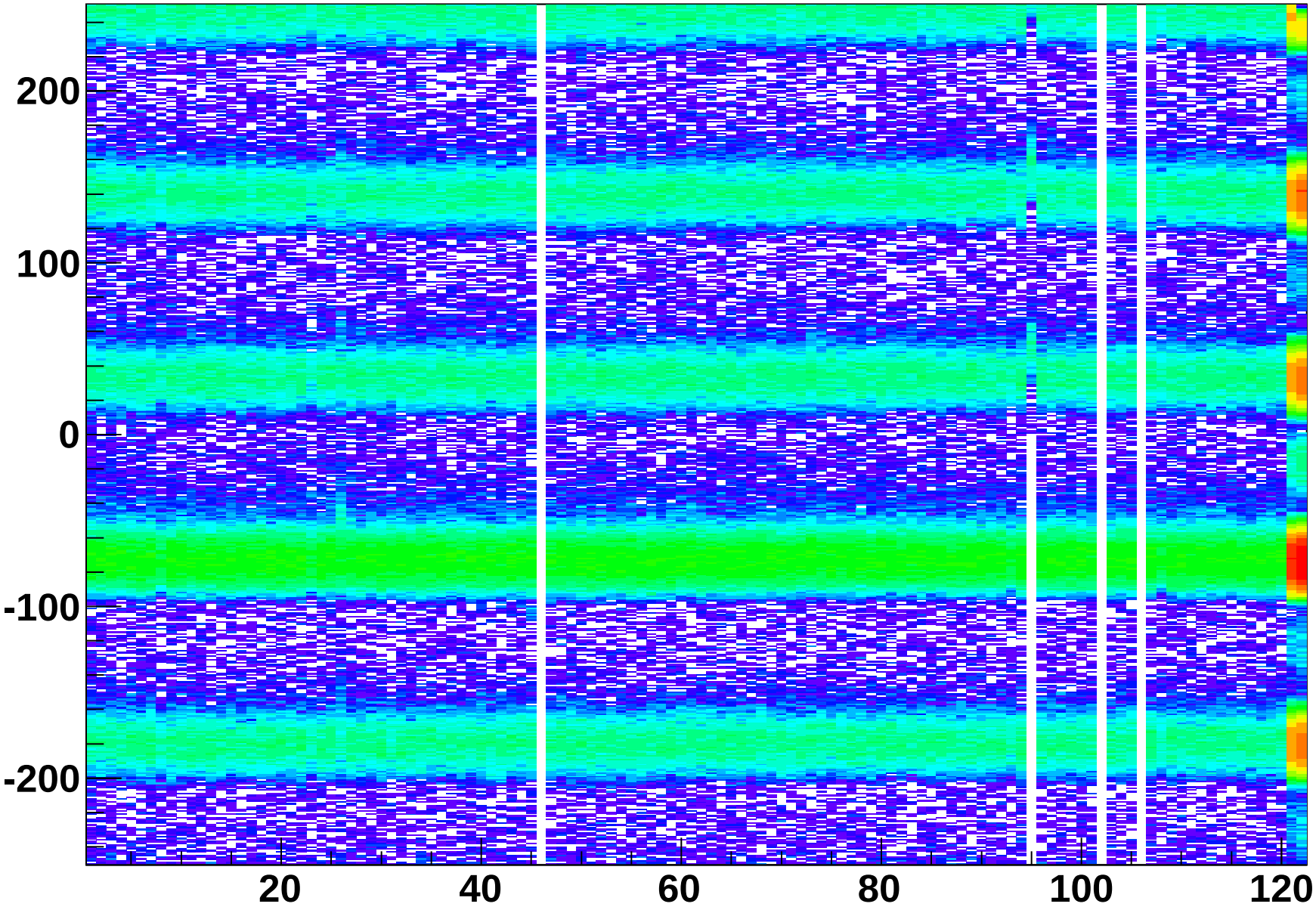

dtrgtime, tray=81
dtrgtime, tray=82
dtrgtime, tray=83
dtrgtime, tray=84
dtrgtime, tray=85
dtrgtime, tray=86
dtrgtime, tray=87
dtrgtime, tray=88
dtrgtime, tray=89
dtrgtime, tray=90
dtrgtime, tray=91
dtrgtime, tray=92
dtrgtime, tray=93
dtrgtime, tray=94
dtrgtime, tray=95
dtrgtime, tray=96
dtrgtime, tray=97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

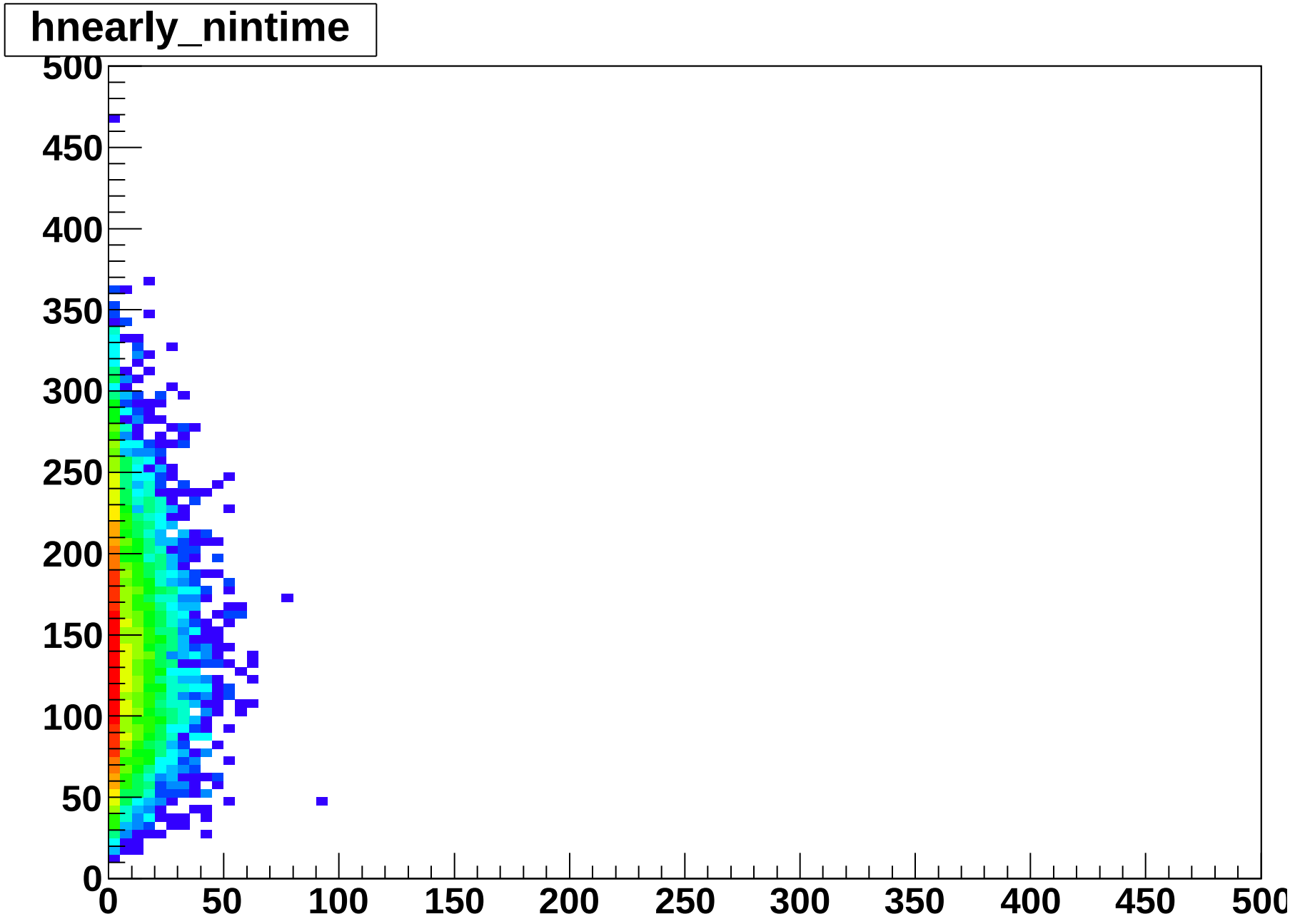

dtrgtime, tray=101
dtrgtime, tray=102
dtrgtime, tray=103
dtrgtime, tray=104
dtrgtime, tray=105
dtrgtime, tray=106
dtrgtime, tray=107
dtrgtime, tray=108
dtrgtime, tray=109
dtrgtime, tray=110
dtrgtime, tray=111
dtrgtime, tray=112
dtrgtime, tray=113
dtrgtime, tray=114
dtrgtime, tray=115
dtrgtime, tray=116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

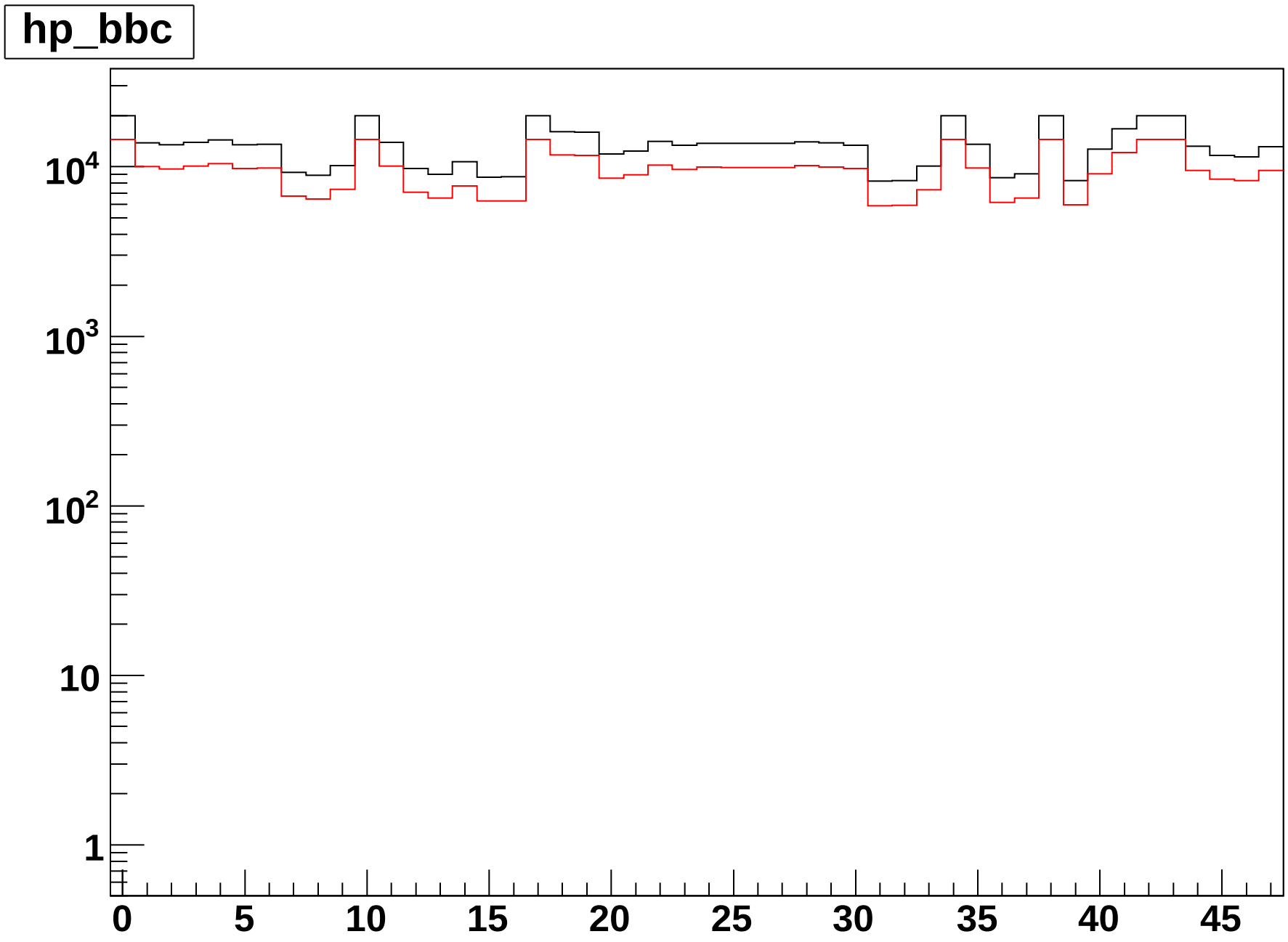

dtrgtime, tray=121
2500
2000
1500
1000
500
0
0
100
200
300
400
500

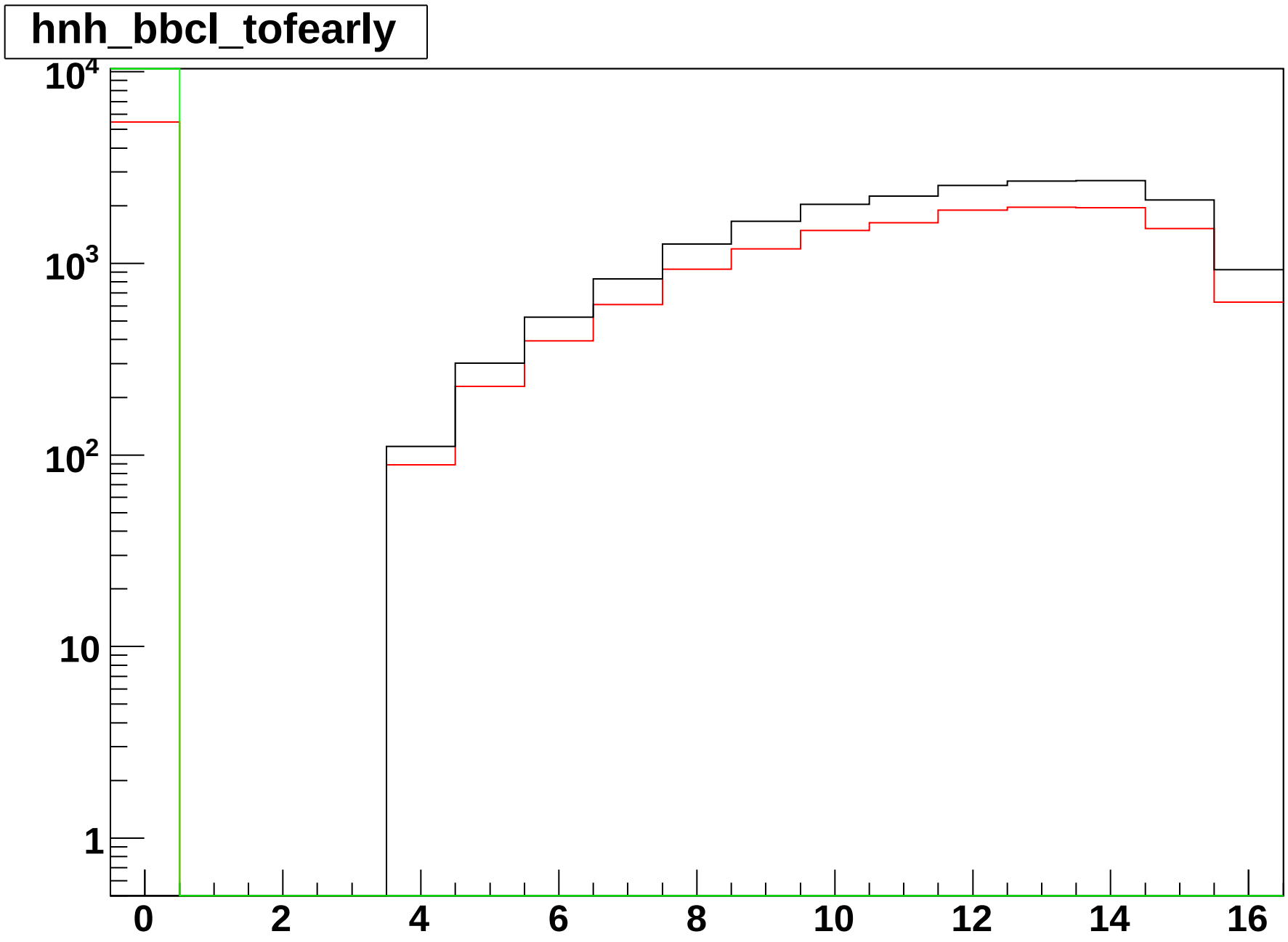

dtrgtime, tray=122
4000
3500
3000
2500
2000
1500
1000
500
0
0
100
200
300
400
500

htrgdtime_trayoff




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