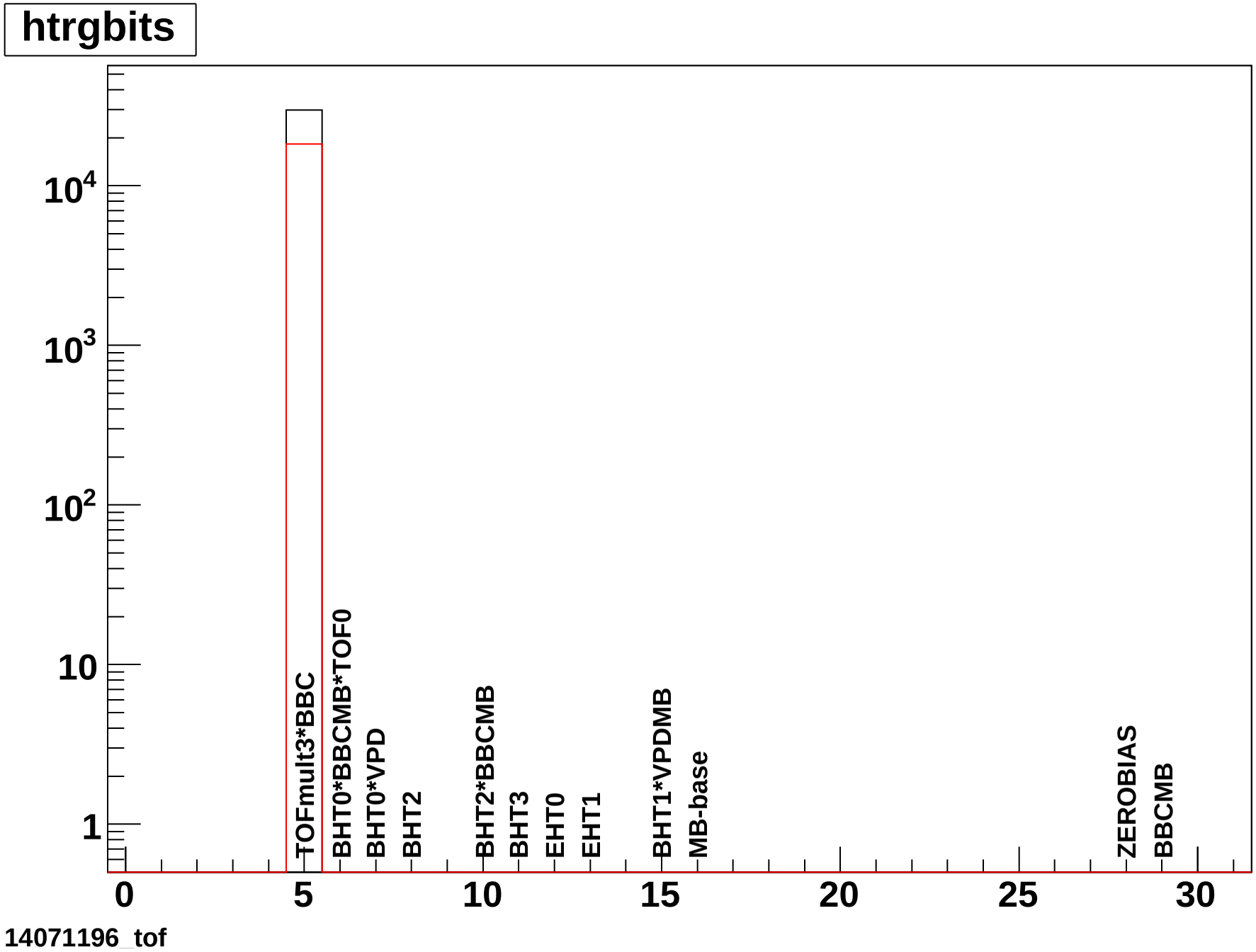
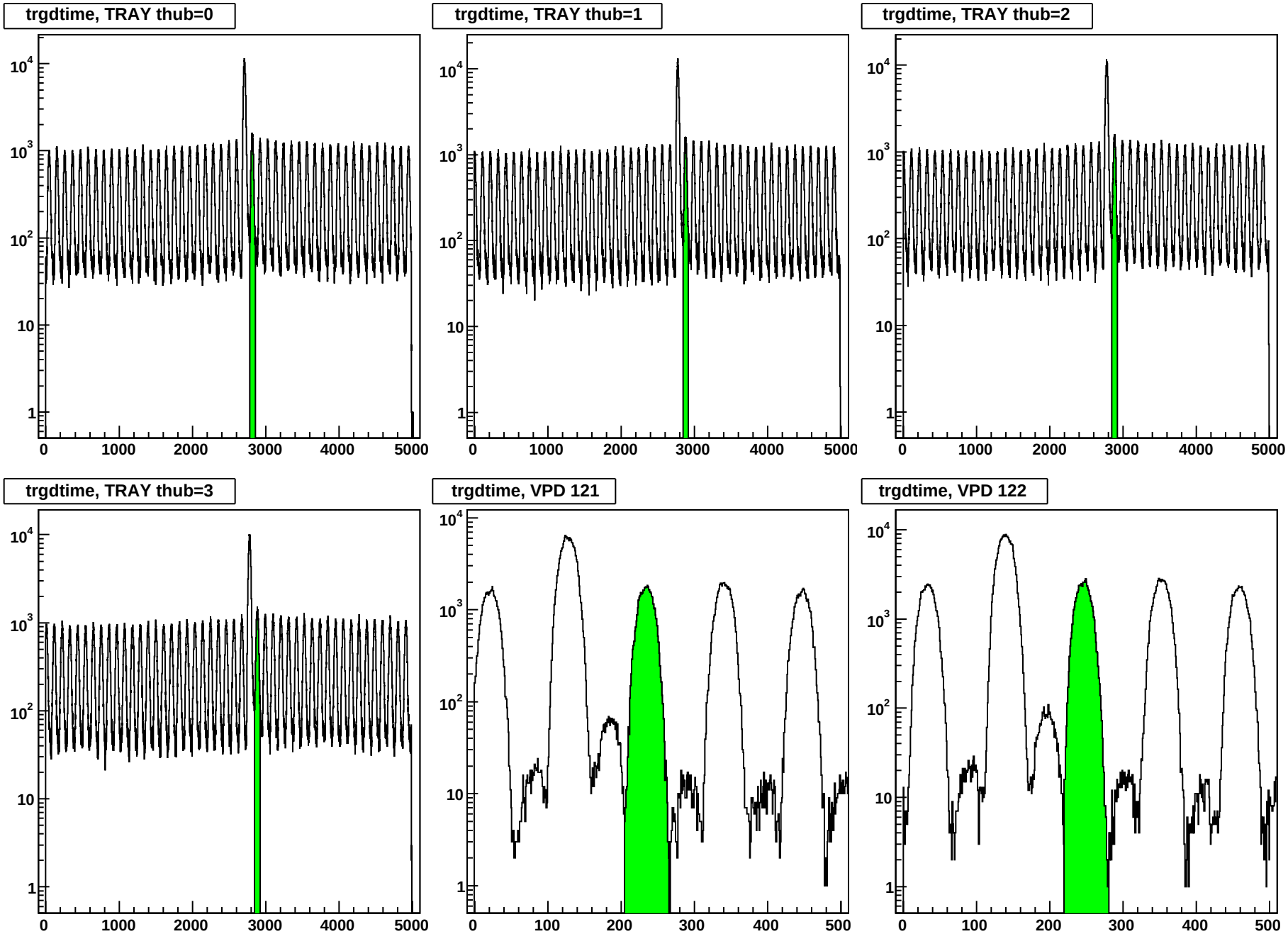
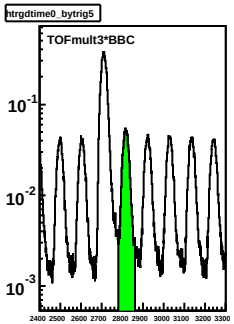

htrgbits
10^4
10^3
10^2
10
1
0
5
10
15
20
25
30
TOFmult3*BBC
BHT0*BBCMB*TOF0
BHT0*VPD
BHT2
BHT2*BBCMB
BHT3
EHT0
EHT1
BHT1*VPDMB
MB-base
ZEROBIAS
BBCMB
14071196_tof


trgdtime, TRAY thub=0
trgdtime, TRAY thub=1
trgdtime, TRAY thub=2
trgdtime, TRAY thub=3
trgdtime, VPD 121
trgdtime, VPD 122
10^4
10^3
10^2
10
1
0
1000
2000
3000
4000
5000
100
200
300
400
500



BHT0*BBCMB*TOF0

BHT0*VPD

BHT2

BHT2*BBCMB

BHT3

EHT0

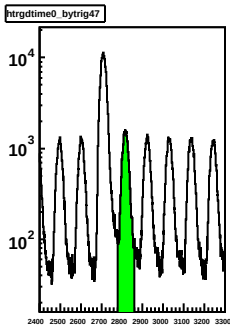
EHT1

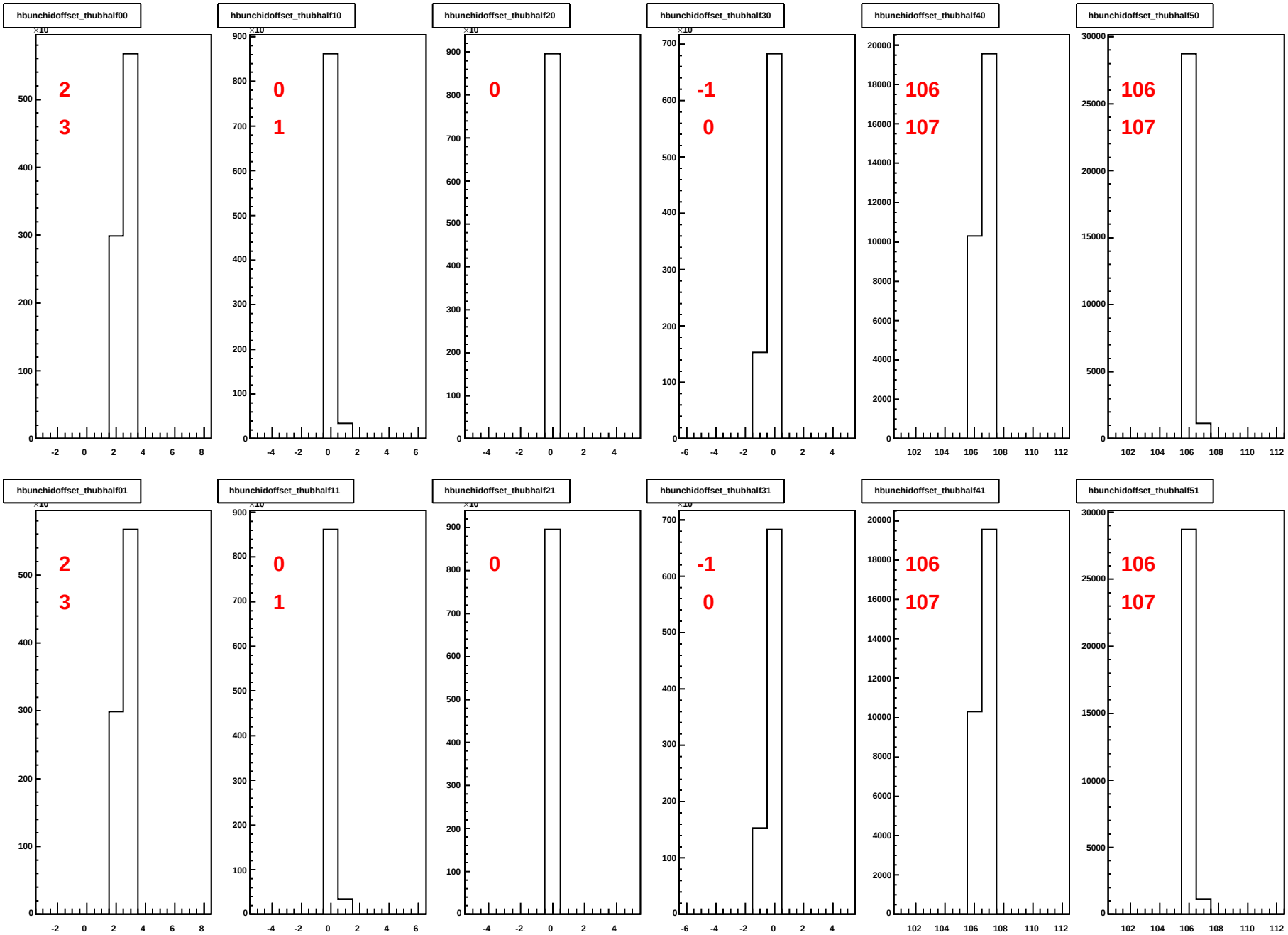
BHT1*VPDMB

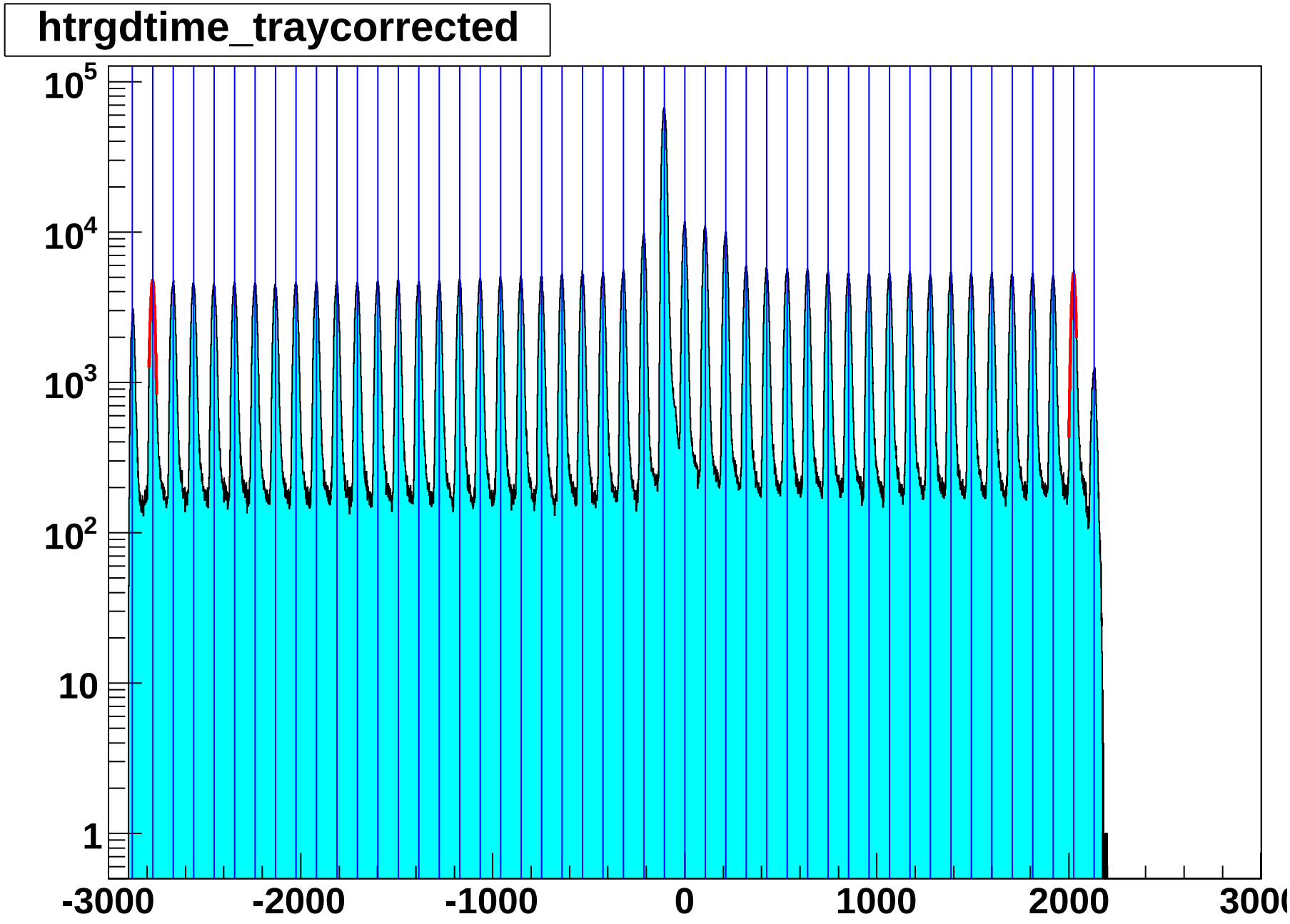
MB-base

ZEROBIAS

BBCMB




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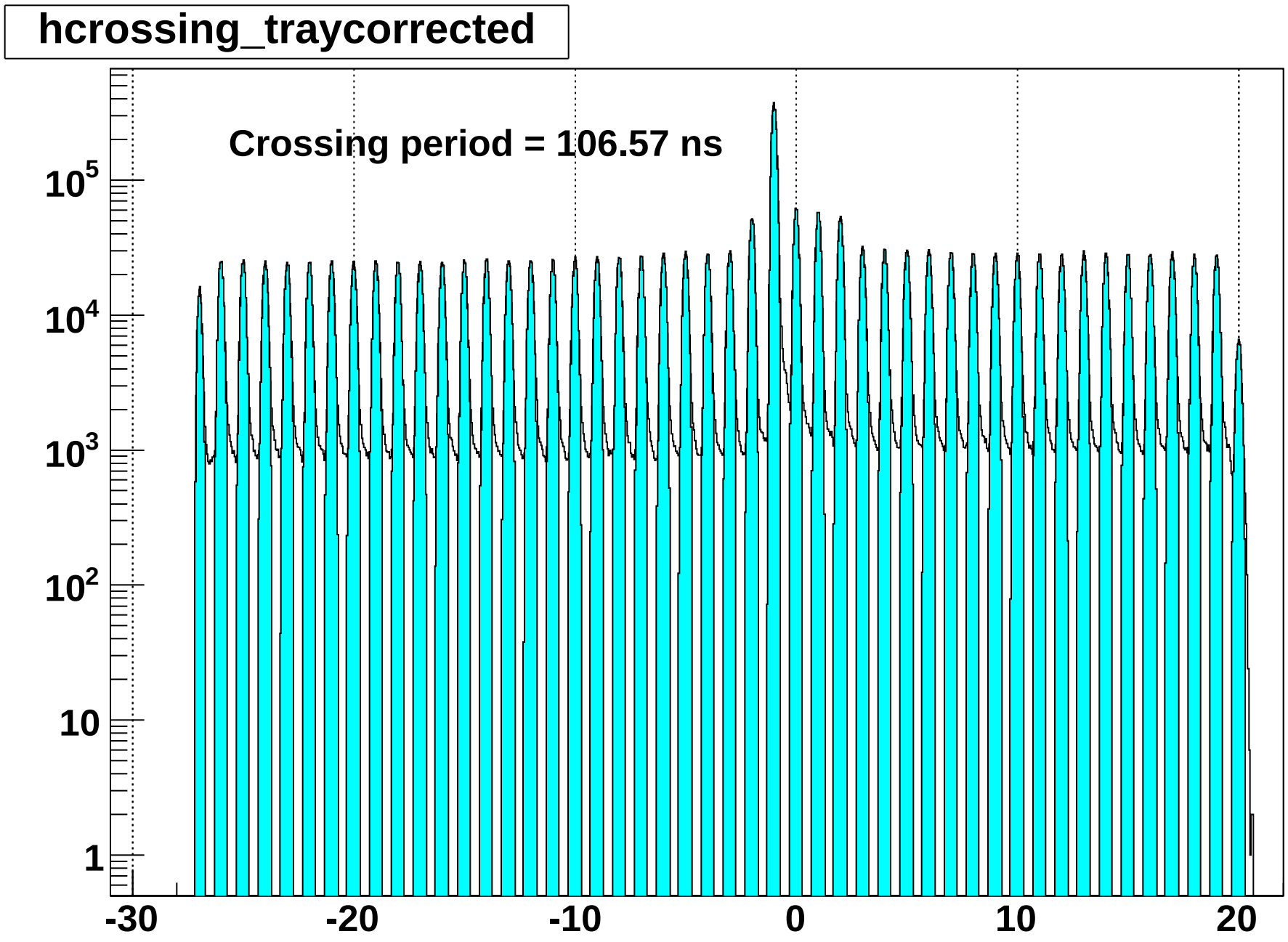
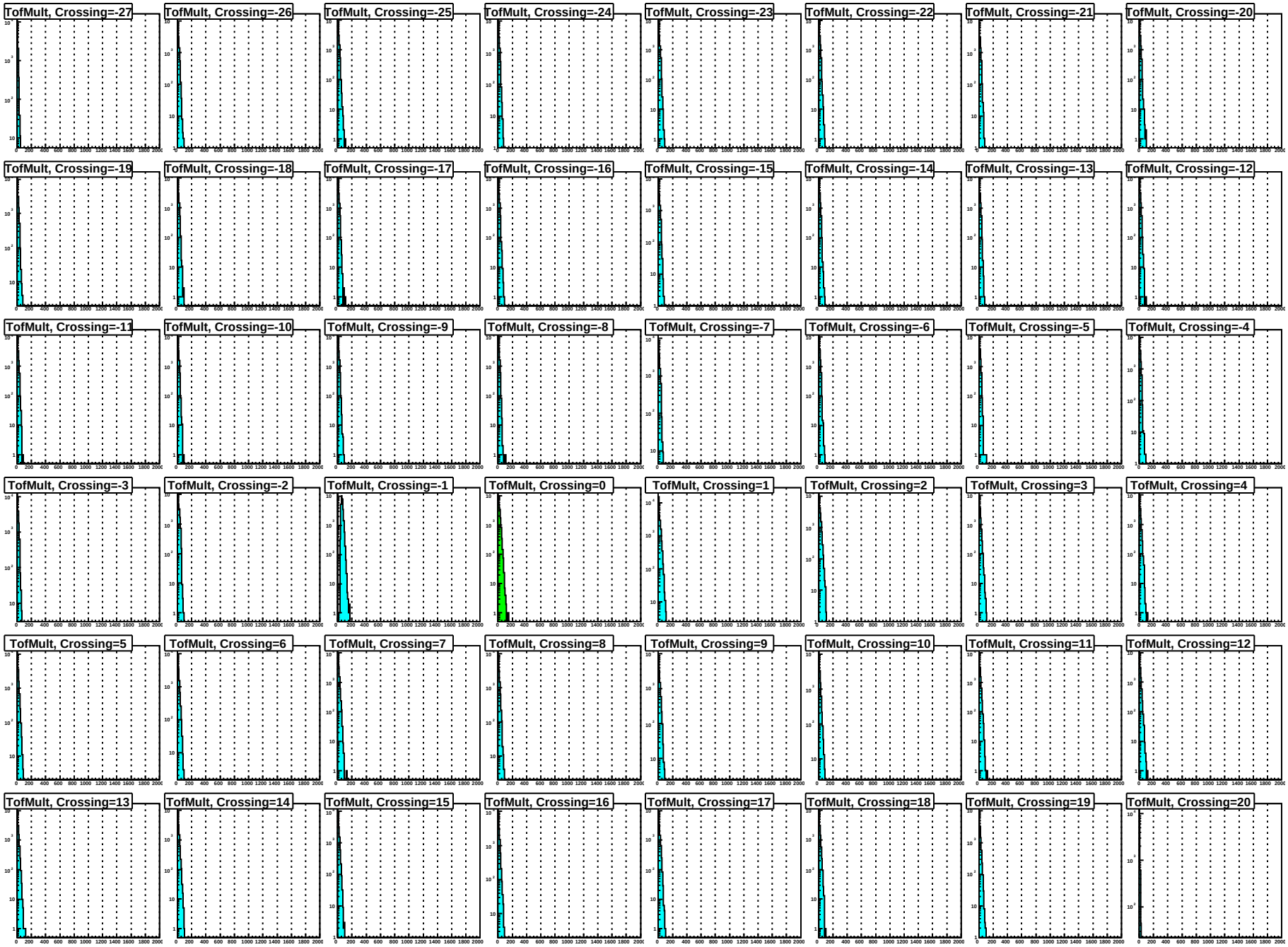
10^4
10^3
10^2
10
1
-3000
-2000
-1000
0
1000
2000
3000


hcrossing_traycorrected
Crossing period = 106.57 ns
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
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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
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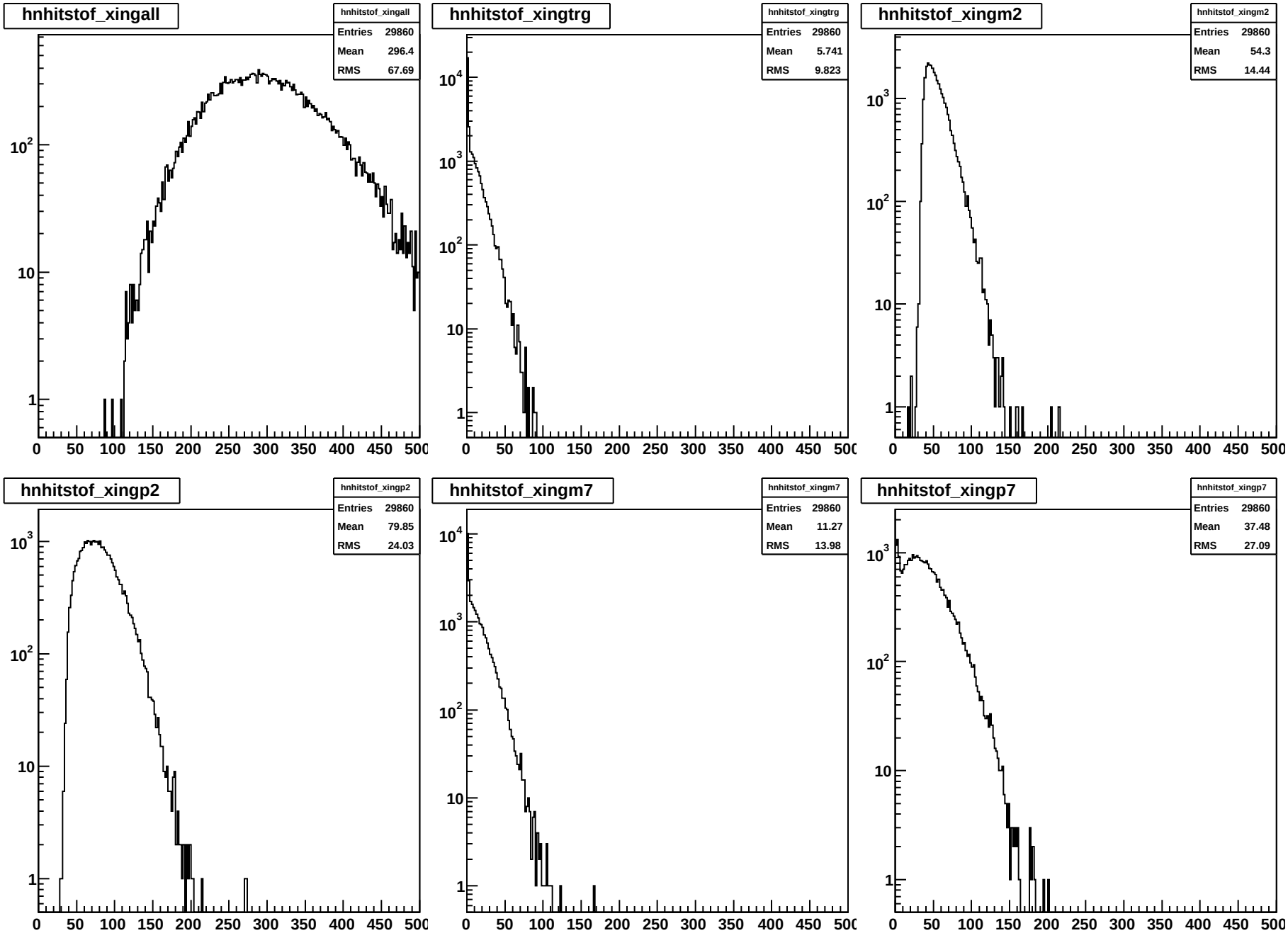
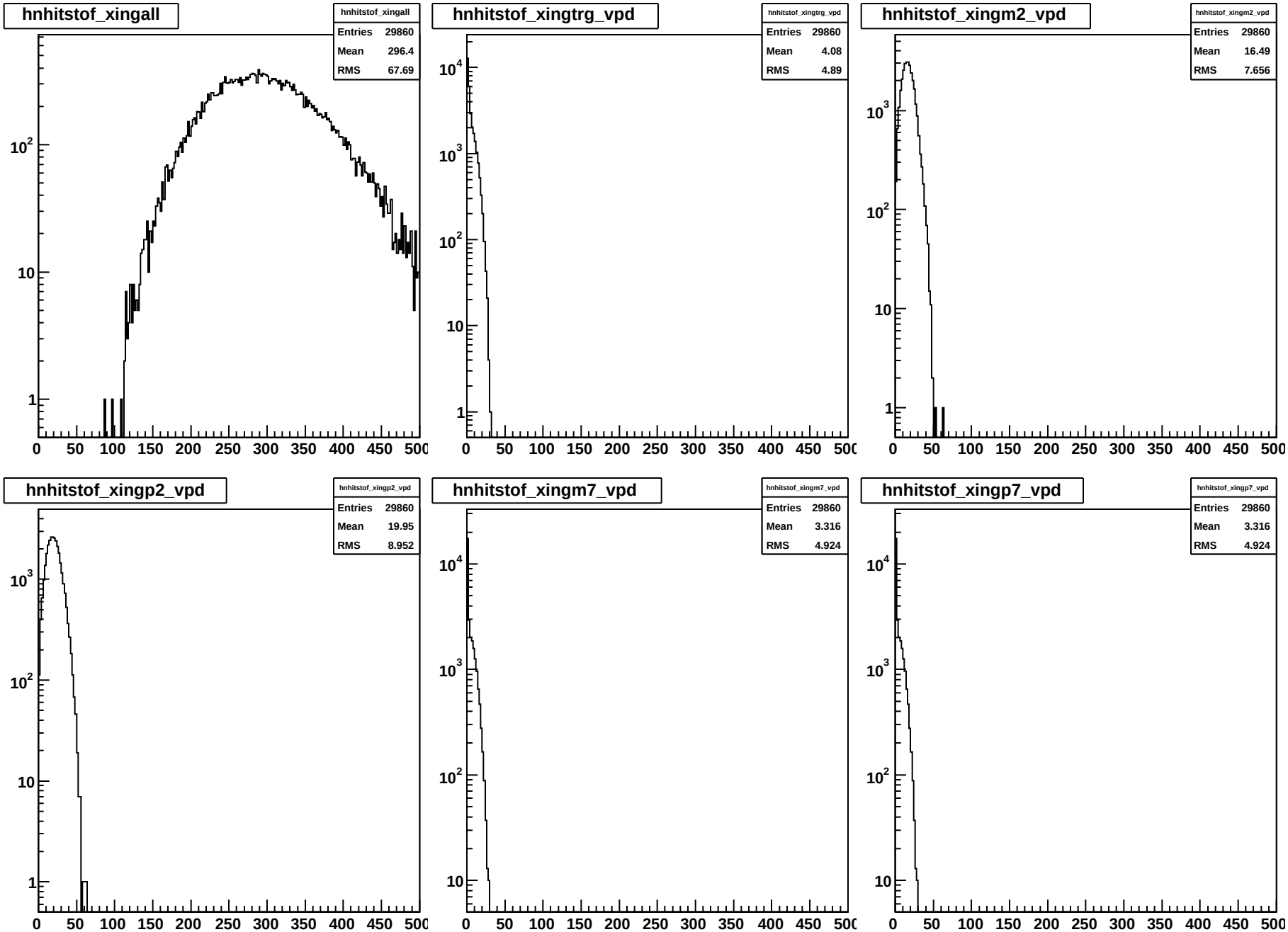
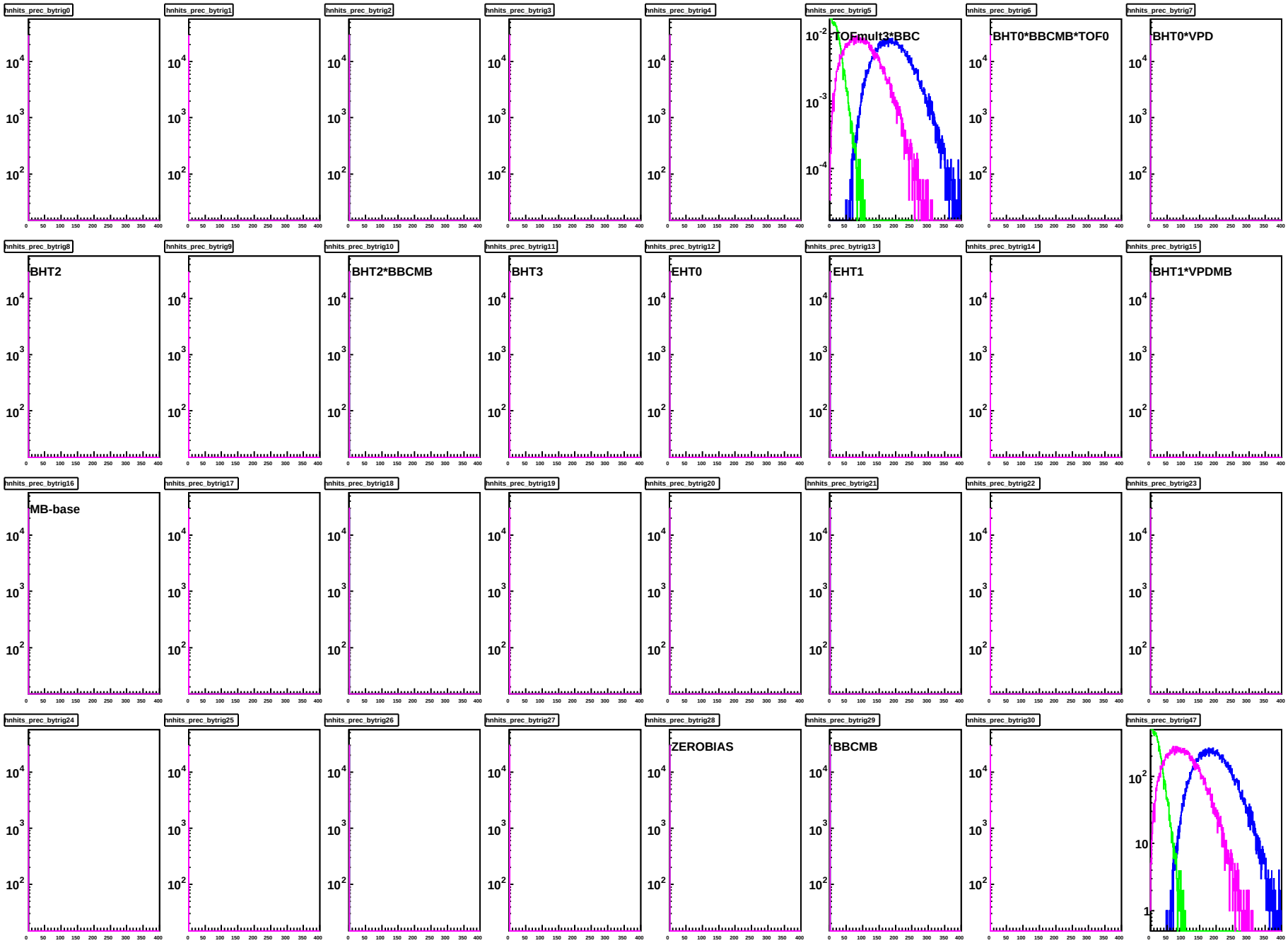
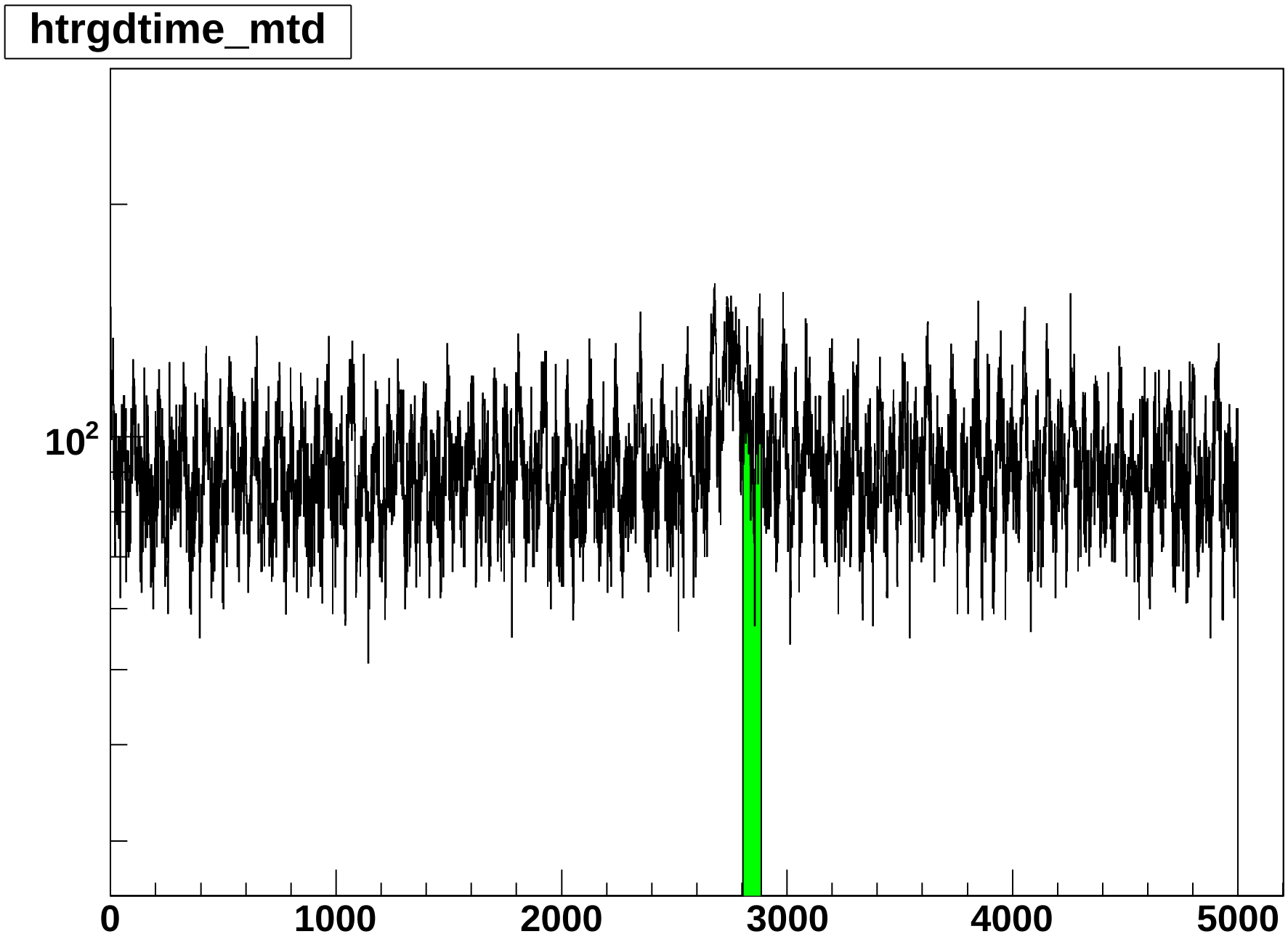

hnhitstof_xingall
hnhitstof_xingall
Entries 29860
Mean 296.4
RMS 67.69
hnhitstof_xingtrg
hnhitstof_xingtrg
Entries 29860
Mean 5.741
RMS 9.823
hnhitstof_xingm2
hnhitstof_xingm2
Entries 29860
Mean 54.3
RMS 14.44
hnhitstof_xingp2
hnhitstof_xingp2
Entries 29860
Mean 79.85
RMS 24.03
hnhitstof_xingm7
hnhitstof_xingm7
Entries 29860
Mean 11.27
RMS 13.98
hnhitstof_xingp7
hnhitstof_xingp7
Entries 29860
Mean 37.48
RMS 27.09


hnhitstof_xingall
hnhitstof_xingall
Entries 29860
Mean 296.4
RMS 67.69
hnhitstof_xingtrg_vpd
hnhitstof_xingtrg_vpd
Entries 29860
Mean 4.08
RMS 4.89
hnhitstof_xingm2_vpd
hnhitstof_xingm2_vpd
Entries 29860
Mean 16.49
RMS 7.656
hnhitstof_xingp2_vpd
hnhitstof_xingp2_vpd
Entries 29860
Mean 19.95
RMS 8.952
hnhitstof_xingm7_vpd
hnhitstof_xingm7_vpd
Entries 29860
Mean 3.316
RMS 4.924
hnhitstof_xingp7_vpd
hnhitstof_xingp7_vpd
Entries 29860
Mean 3.316
RMS 4.924


hnhits_prec_bytrig0
hnhits_prec_bytrig1
hnhits_prec_bytrig2
hnhits_prec_bytrig3
hnhits_prec_bytrig4
hnhits_prec_bytrig5
TOFmult3*BBC
hnhits_prec_bytrig6
BHT0*BBCMB*TOF0
hnhits_prec_bytrig7
BHT0*VPD
hnhits_prec_bytrig8
BHT2
hnhits_prec_bytrig9
hnhits_prec_bytrig10
BHT2*BBCMB
hnhits_prec_bytrig11
BHT3
hnhits_prec_bytrig12
EHT0
hnhits_prec_bytrig13
EHT1
hnhits_prec_bytrig14
hnhits_prec_bytrig15
BHT1*VPDMB
hnhits_prec_bytrig16
MB-base
hnhits_prec_bytrig17
hnhits_prec_bytrig18
hnhits_prec_bytrig19
hnhits_prec_bytrig20
hnhits_prec_bytrig21
hnhits_prec_bytrig22
hnhits_prec_bytrig23
hnhits_prec_bytrig24
hnhits_prec_bytrig25
hnhits_prec_bytrig26
hnhits_prec_bytrig27
hnhits_prec_bytrig28
ZEROBIAS
hnhits_prec_bytrig29
BBCMB
hnhits_prec_bytrig30
hnhits_prec_bytrig47


htrgdtime_mtd
10^2
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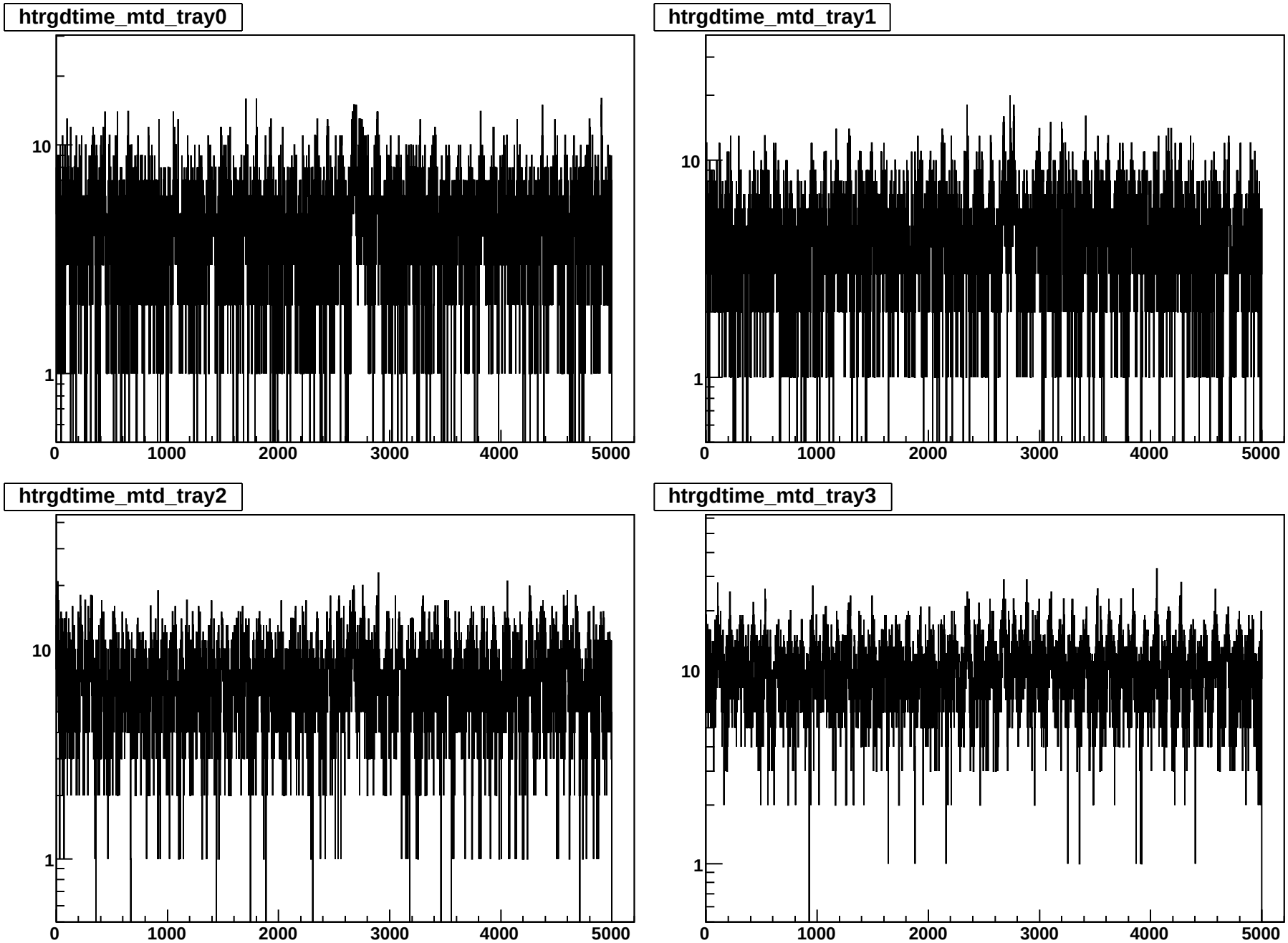
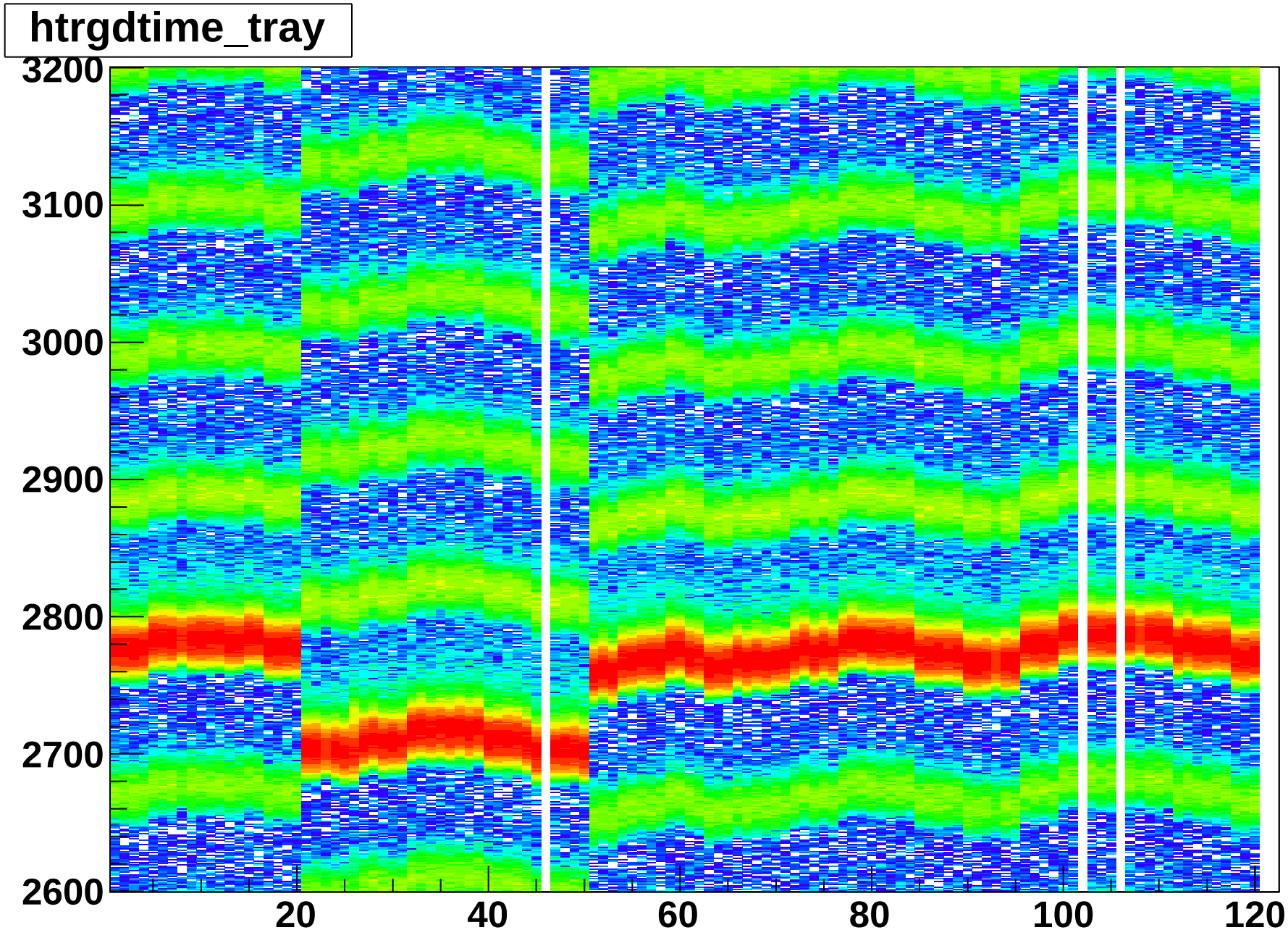
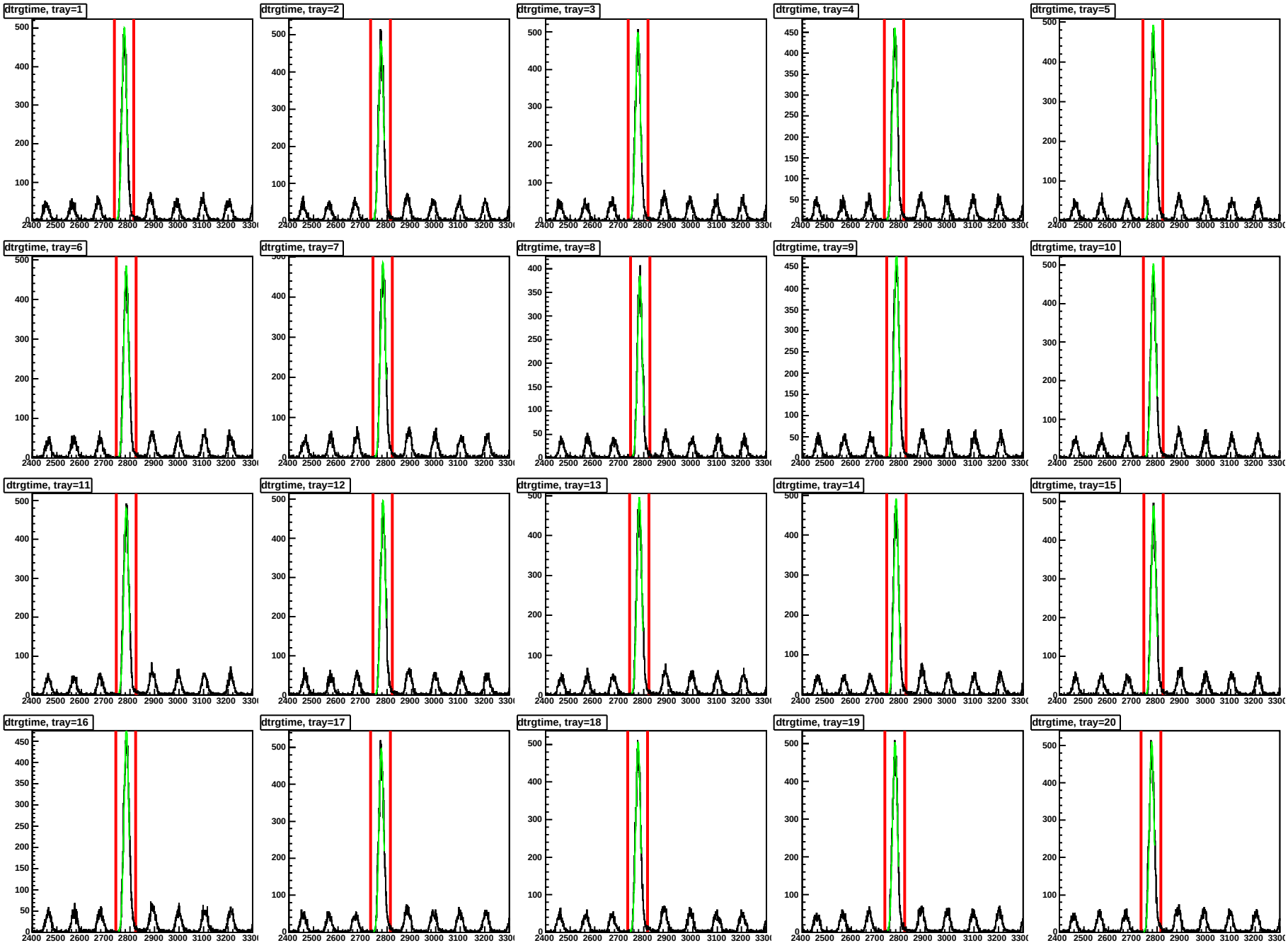
1000
2000
3000
4000
5000


htrgdtime_mtd_tray0
htrgdtime_mtd_tray1
htrgdtime_mtd_tray2
htrgdtime_mtd_tray3
10
1
0
1000
2000
3000
4000
5000


htrgdtime_tray
3200
3100
3000
2900
2800
2700
2600
20
40
60
80
100
120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dtrgtime, tray=2
dtrgtime, tray=3
dtrgtime, tray=4
dtrgtime, tray=5
dtrgtime, tray=6
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dtrgtime, tray=10
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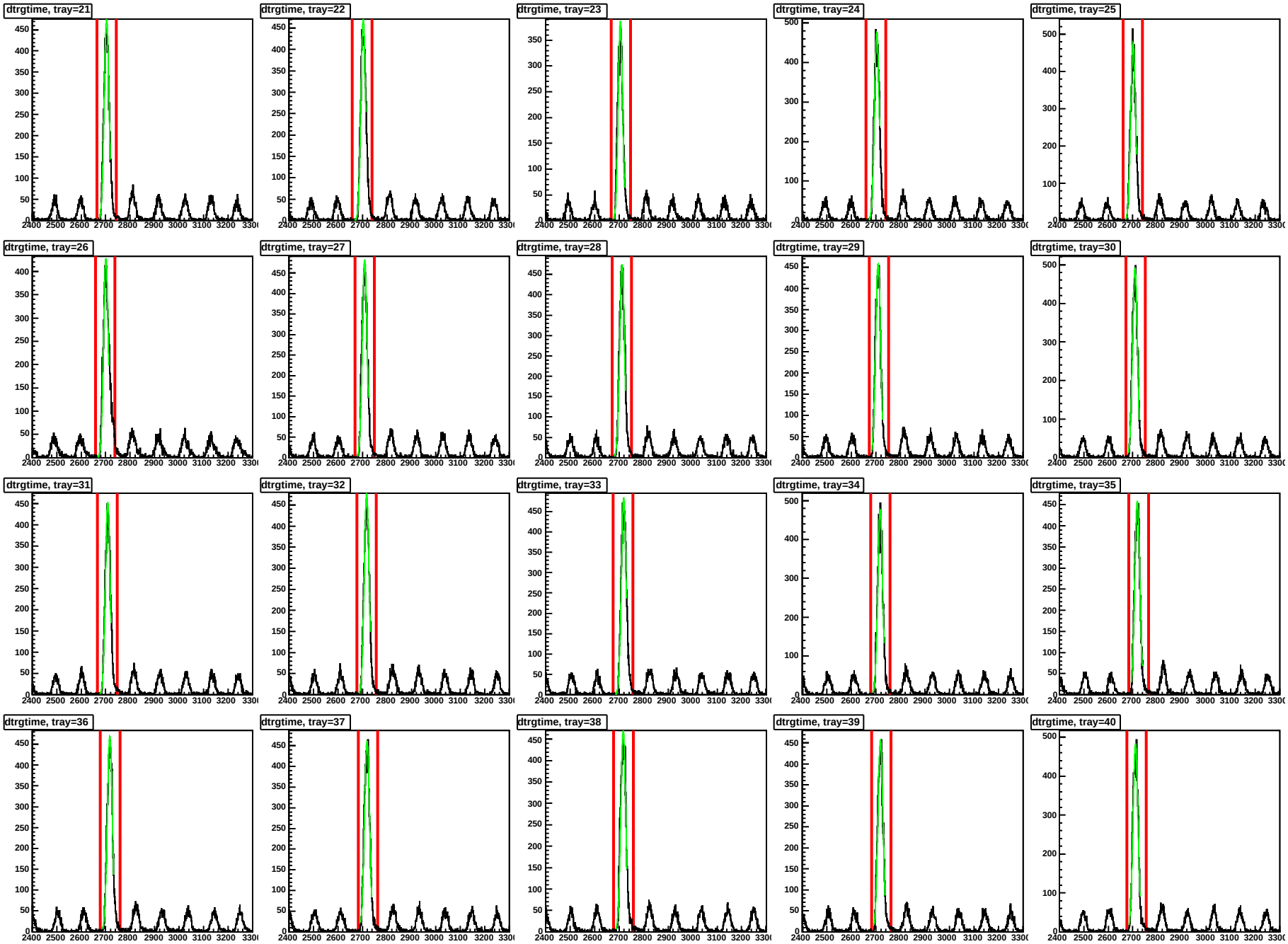
dtrgtime, tray=19
dtrgtime, tray=20


dtrgtime, tray=21
dtrgtime, tray=22
dtrgtime, tray=23
dtrgtime, tray=24
dtrgtime, tray=25
dtrgtime, tray=26
dtrgtime, tray=27
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dtrgtime, tray=29
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dtrgtime, tray=33
dtrgtime, tray=34
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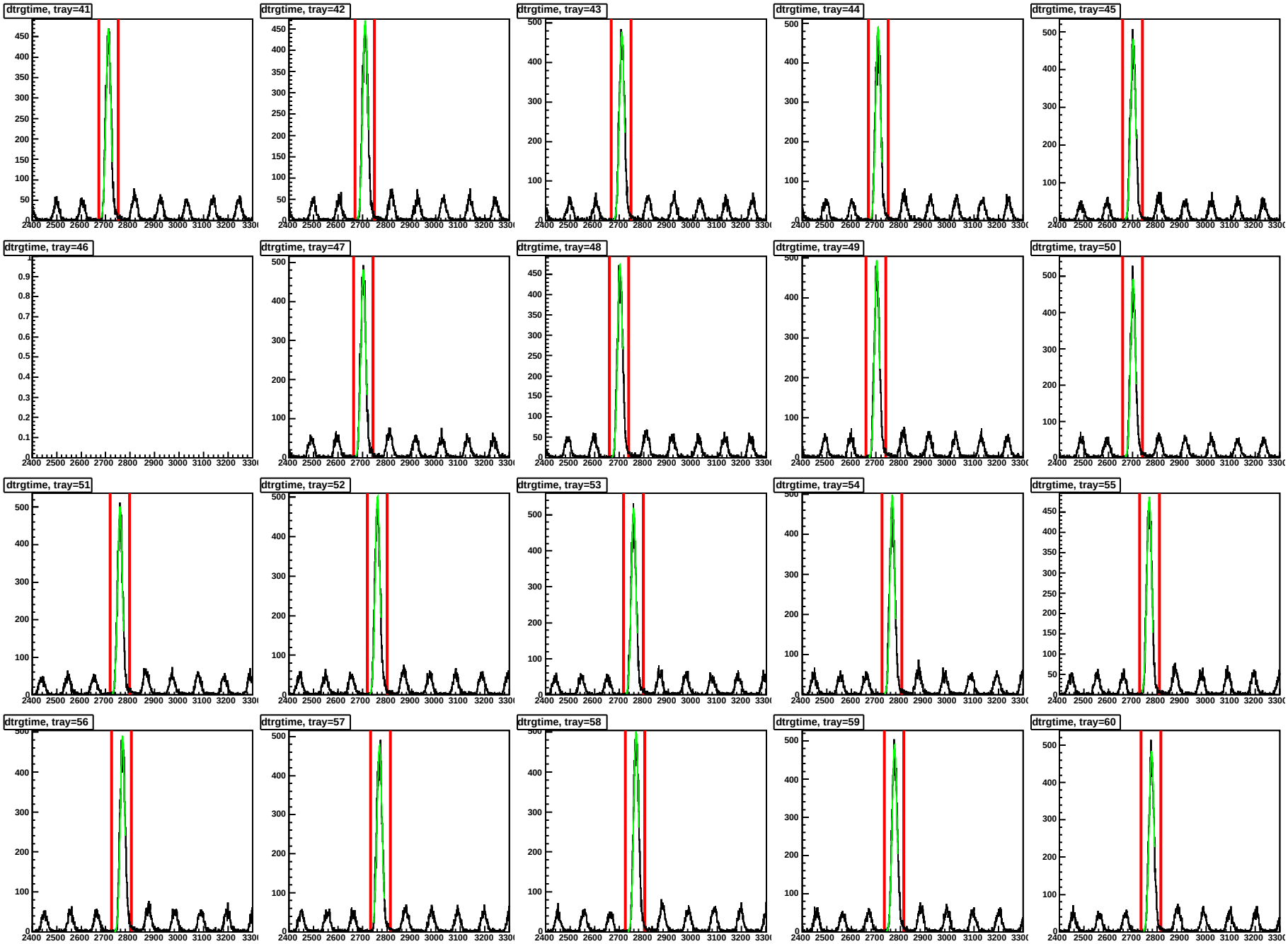
dtrgtime, tray=39
dtrgtime, tray=40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dtrgtime, tray=44
dtrgtime, tray=45
dtrgtime, tray=46
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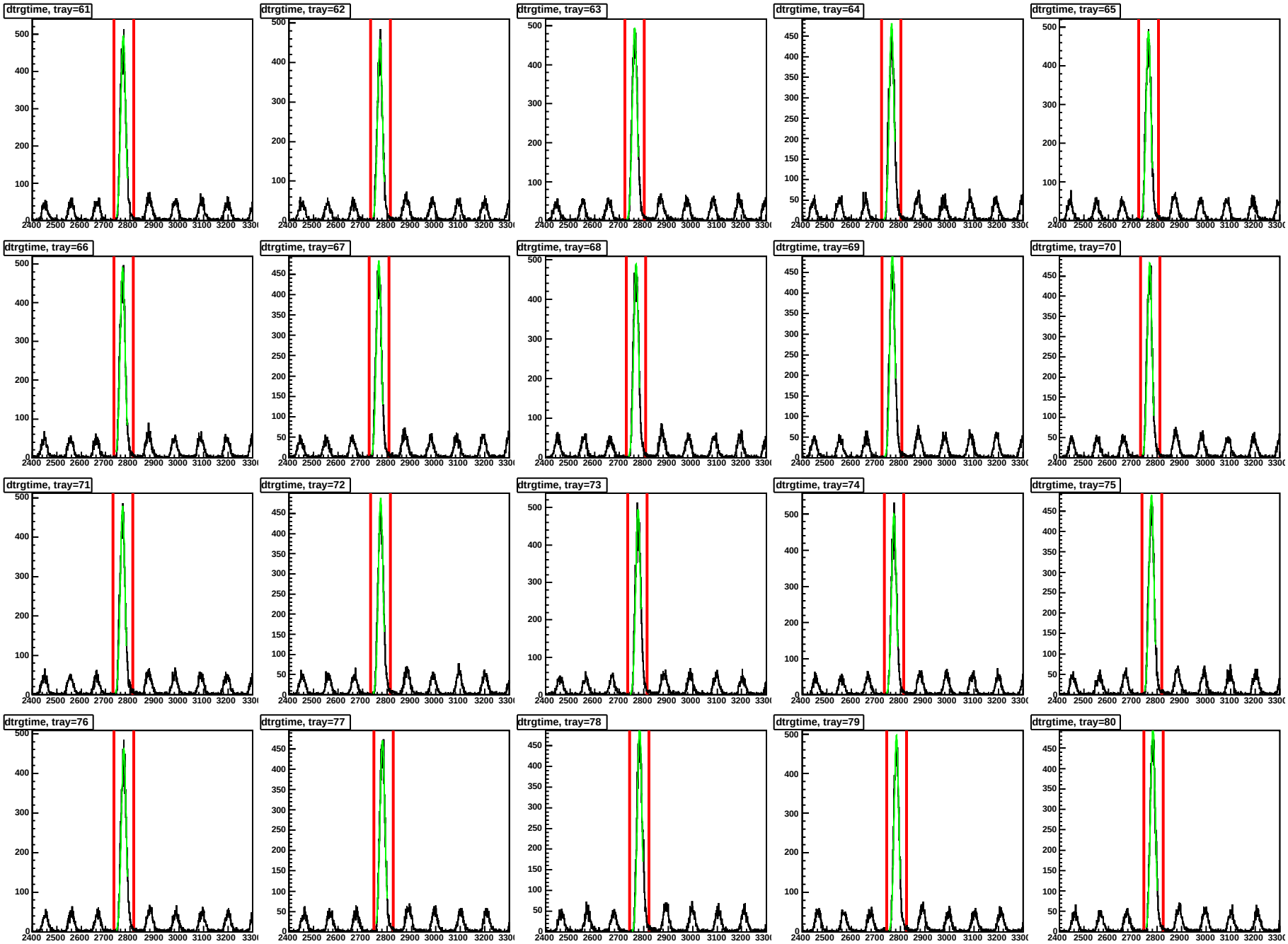
dtrgtime, tray=59
dtrgtime, tray=60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dtrgtime, tray=62
dtrgtime, tray=63
dtrgtime, tray=64
dtrgtime, tray=65
dtrgtime, tray=66
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dtrgtime, tray=79
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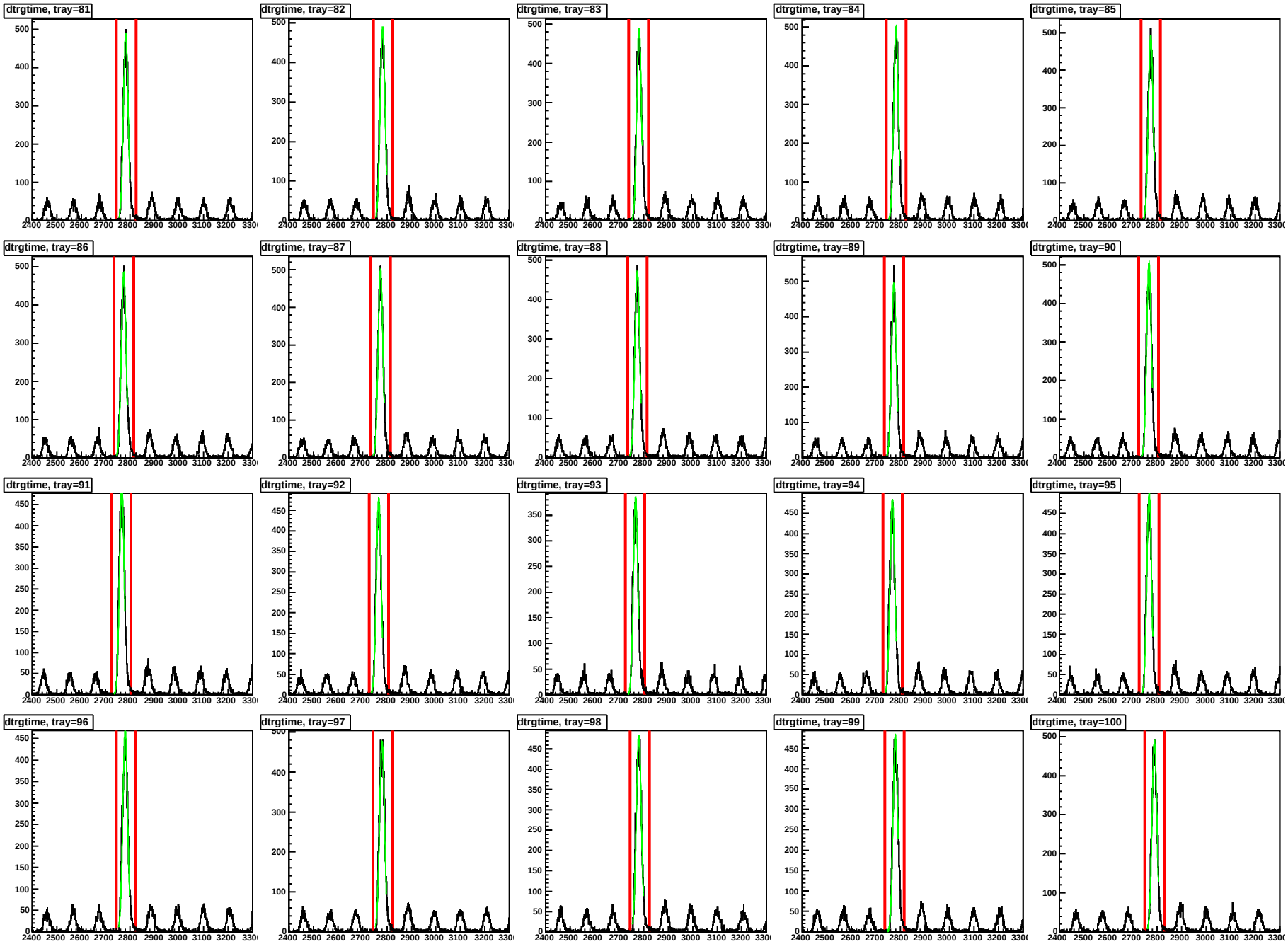
dtrgtime, tray=81
dtrgtime, tray=82
dtrgtime, tray=83
dtrgtime, tray=84
dtrgtime, tray=85
dtrgtime, tray=86
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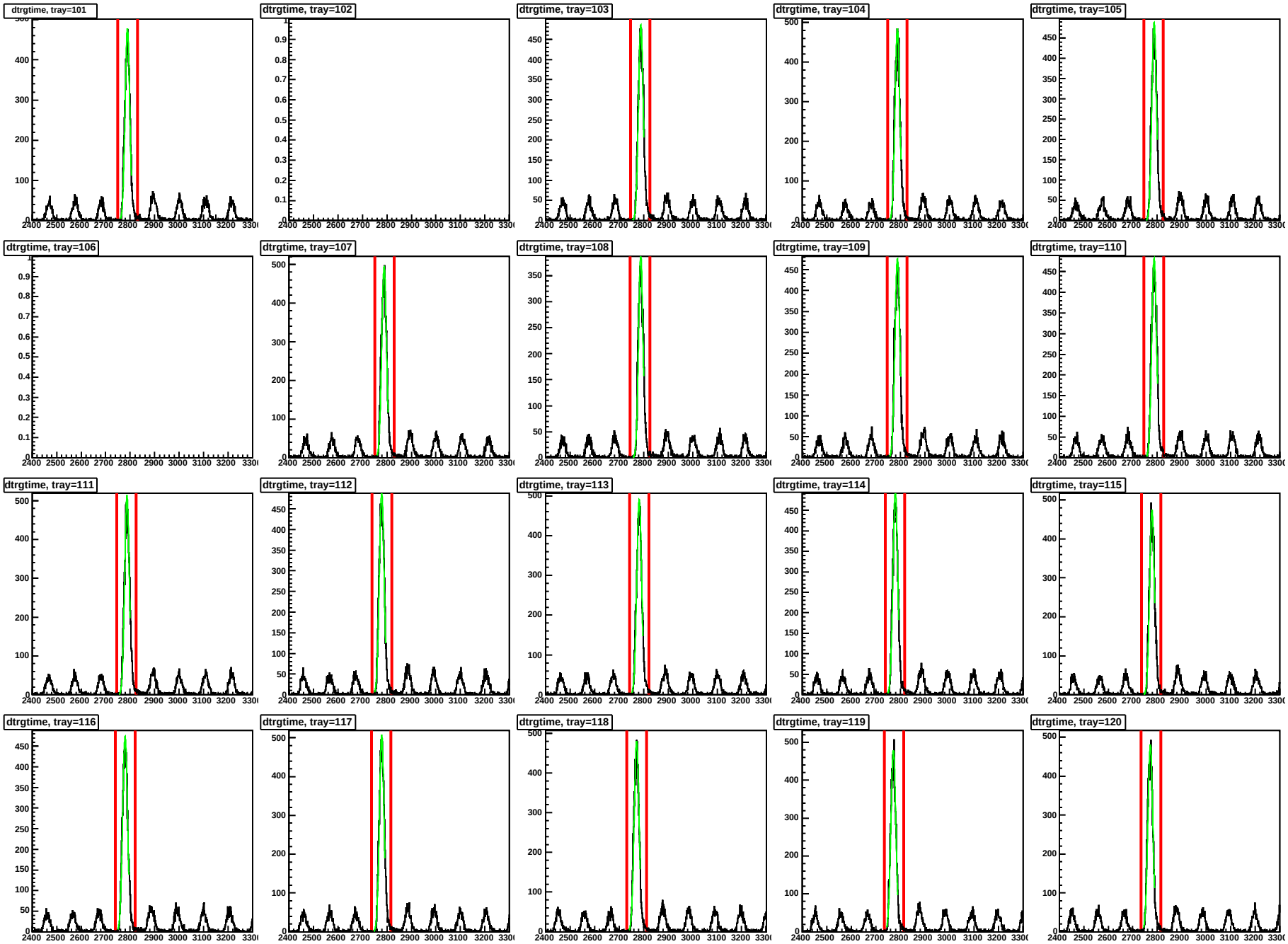
dtrgtime, tray=99
dtrgtime, tray=100


dtrgtime, tray=101
dtrgtime, tray=102
dtrgtime, tray=103
dtrgtime, tray=104
dtrgtime, tray=105
dtrgtime, tray=106
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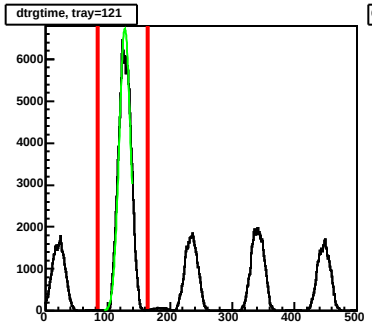
dtrgtime, tray=120


dtrgtime, tray=121
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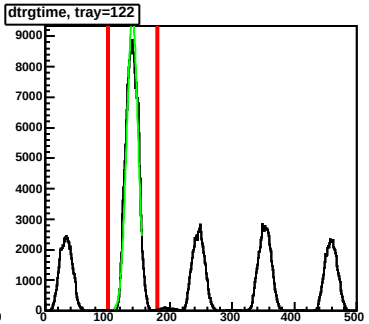
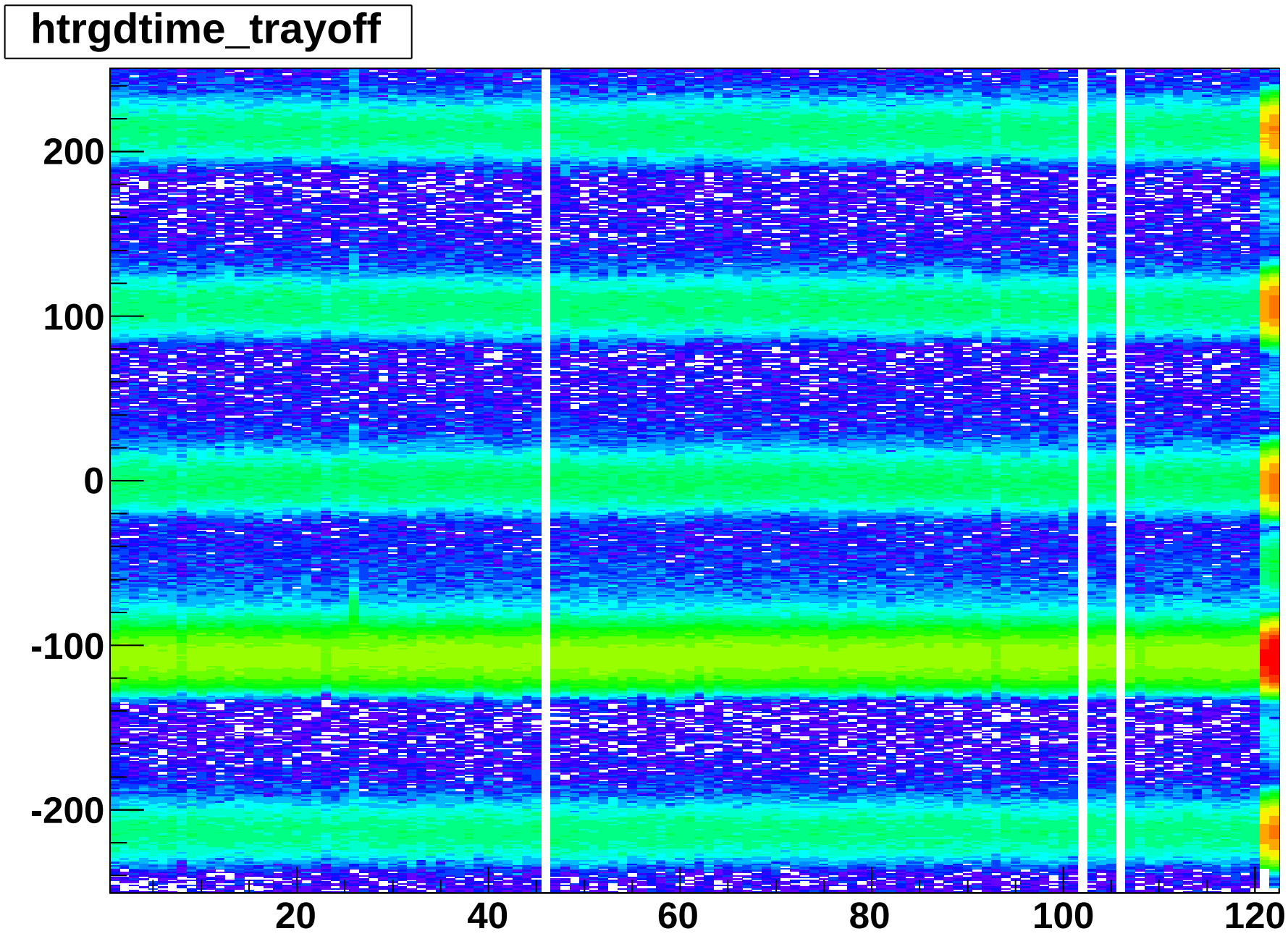
5000
4000
3000
2000
1000
0
0
100
200
300
400
500


dtrgtime, tray=122
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
100
200
300
400
500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-100
-200
20
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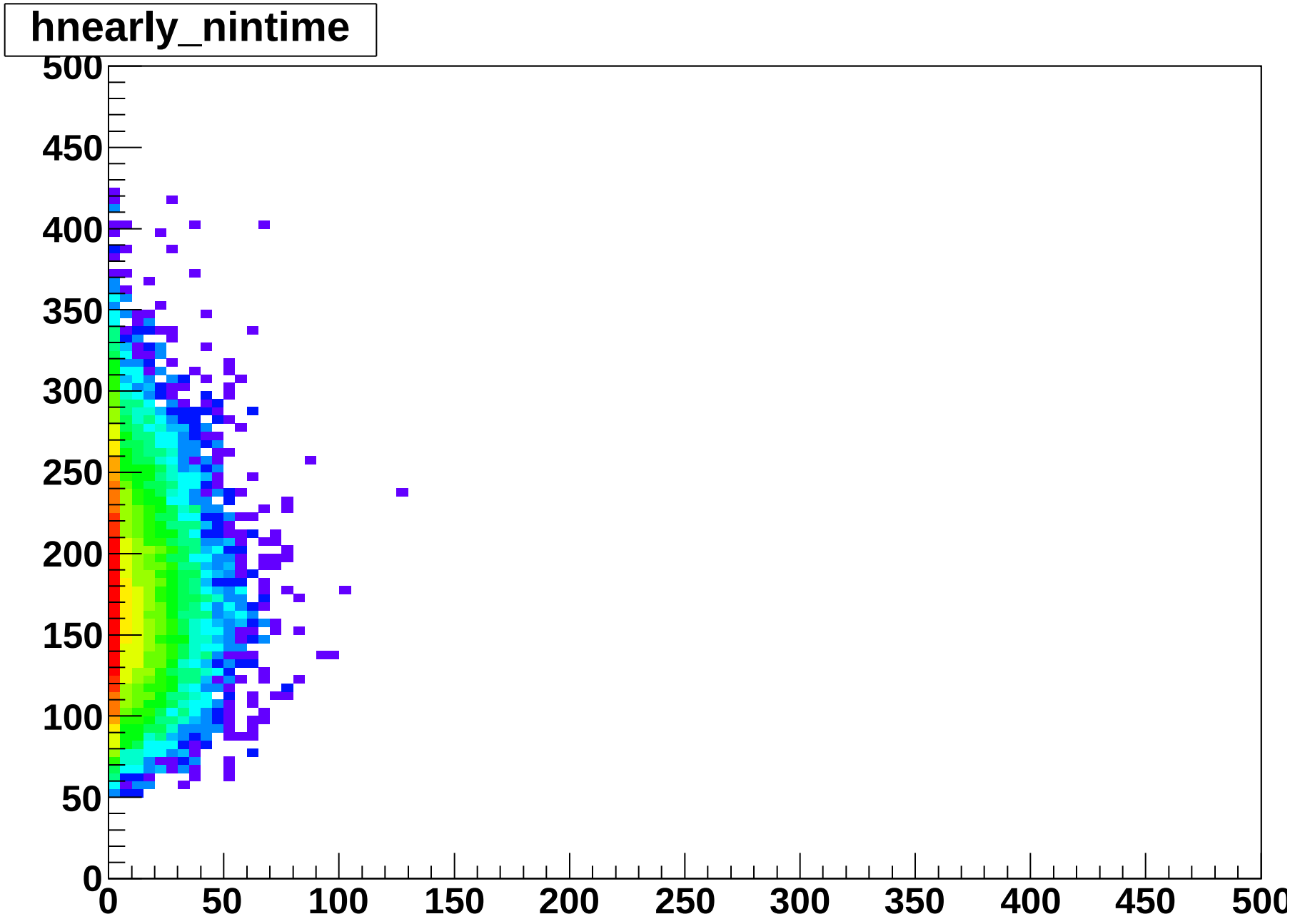
60
80
100
120


hnearly_nintime
500
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150
100
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150
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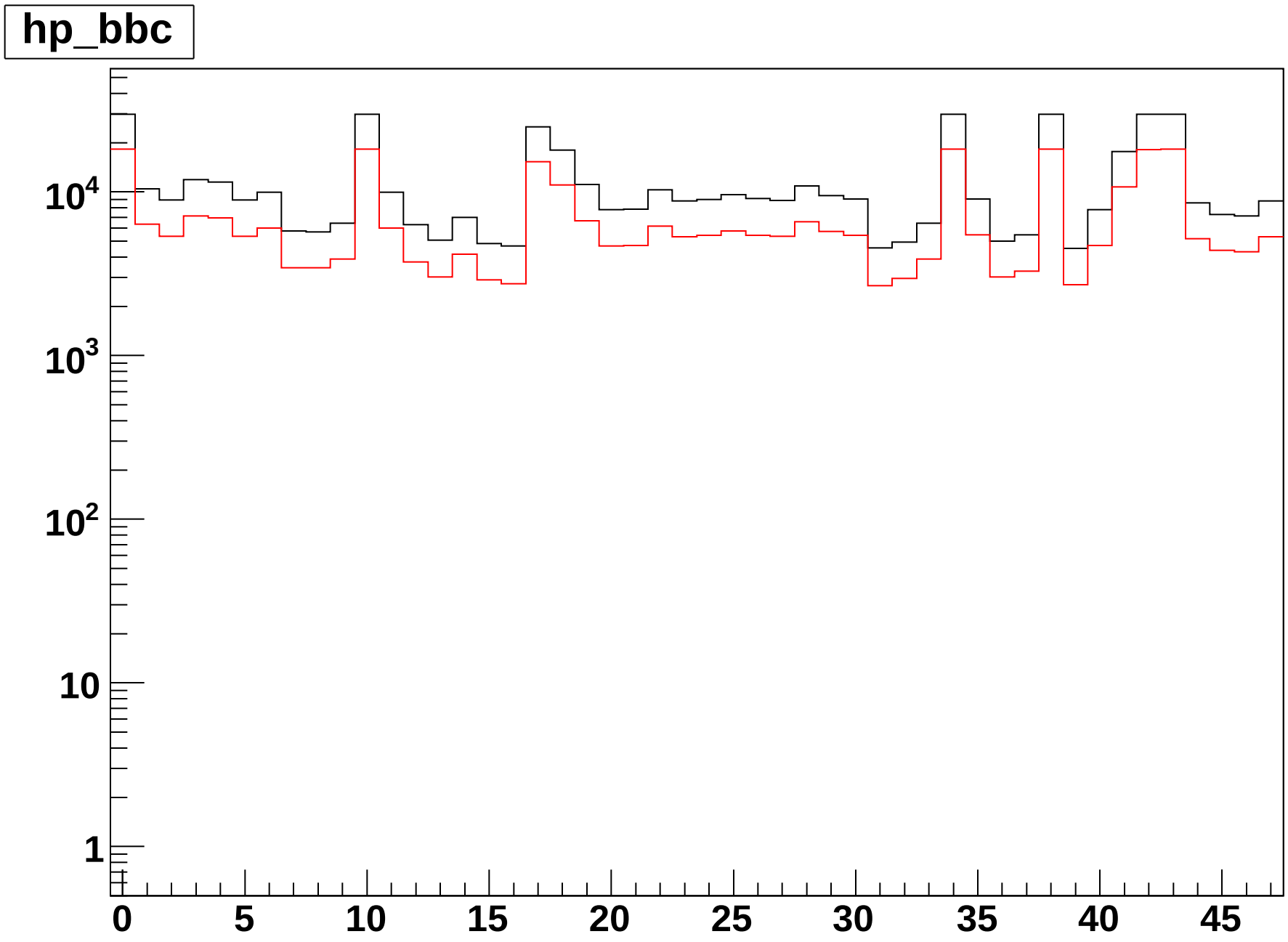
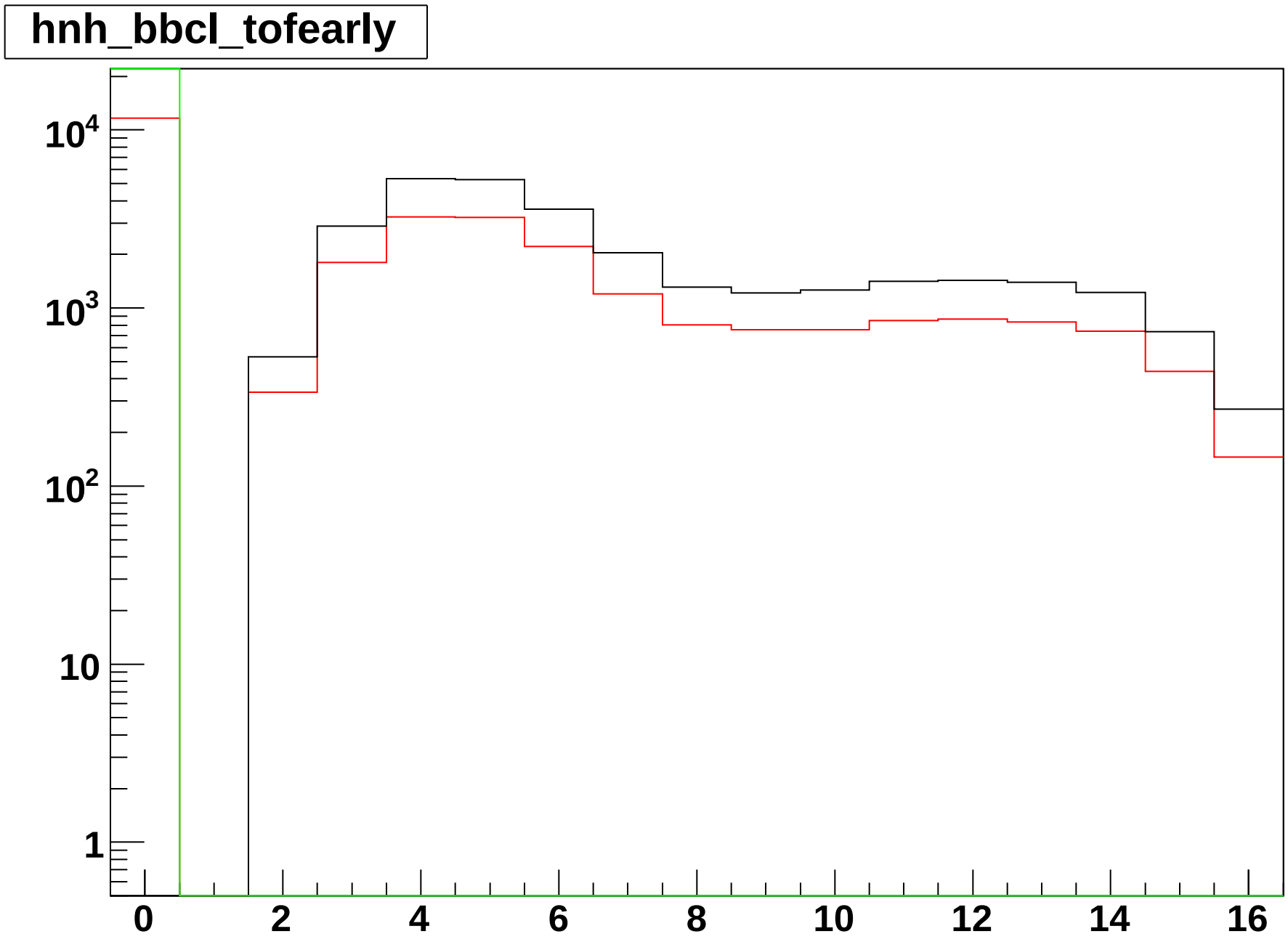
350
400
450
500


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
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2
4
6
8
10
12
14
16