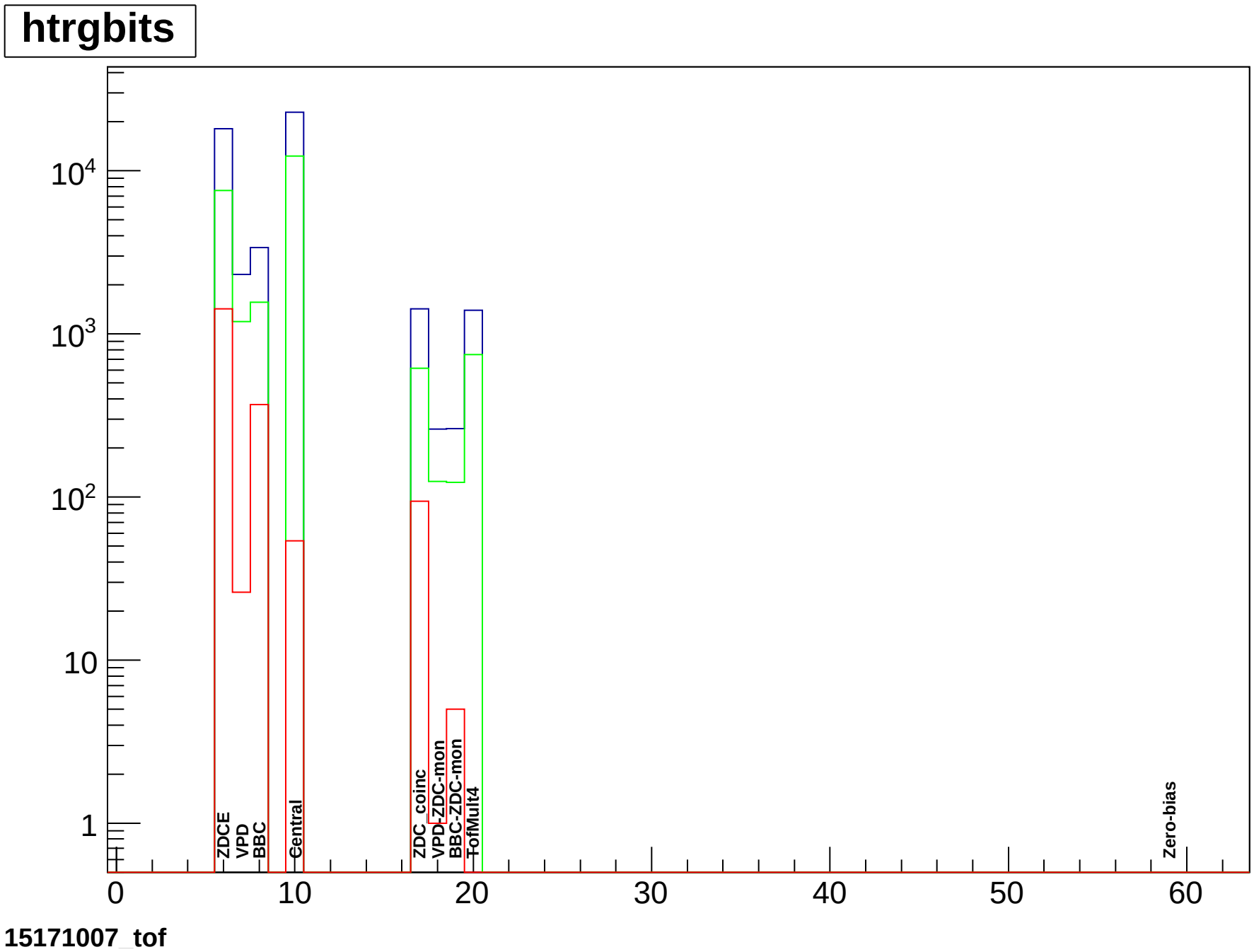
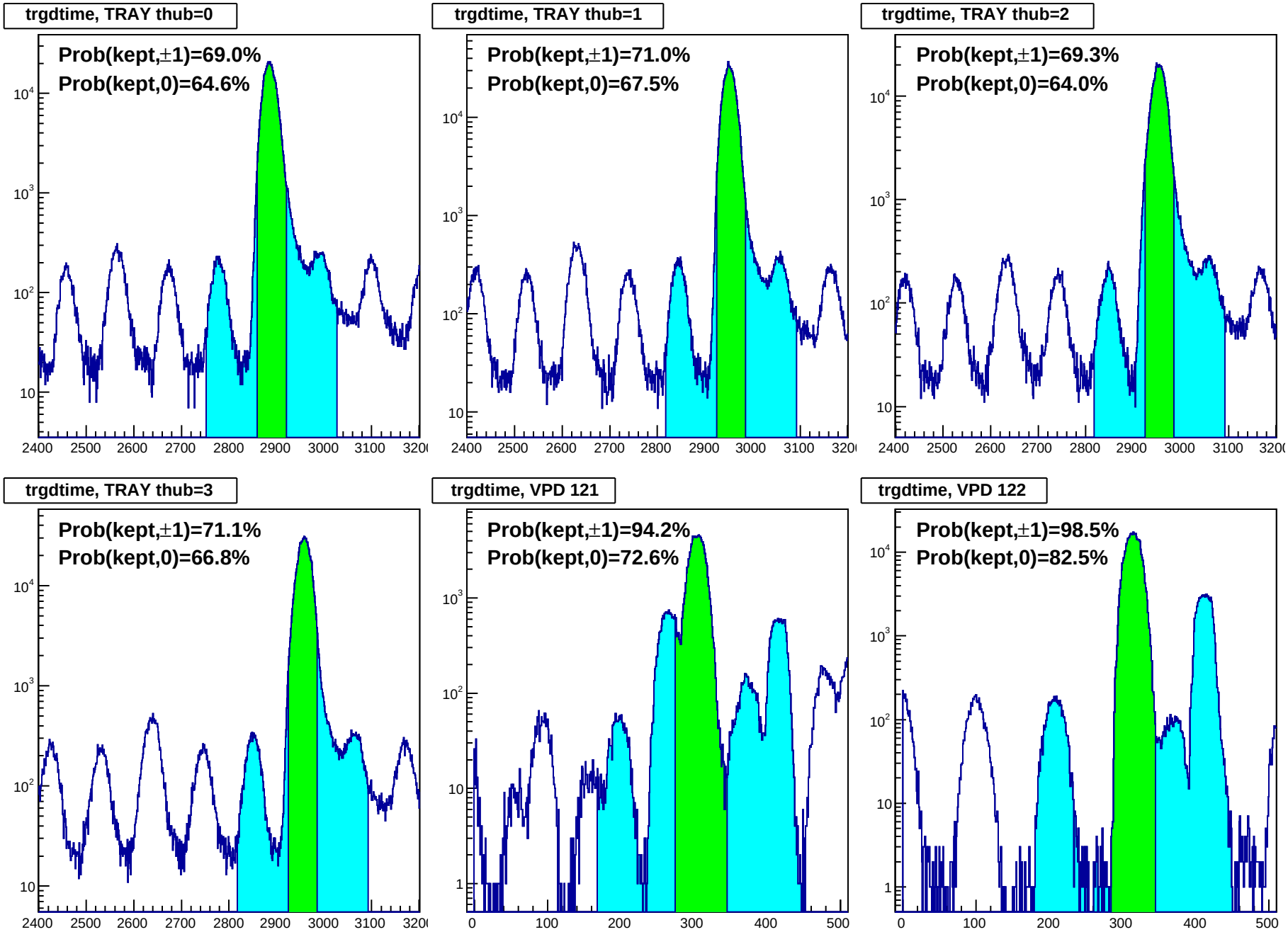
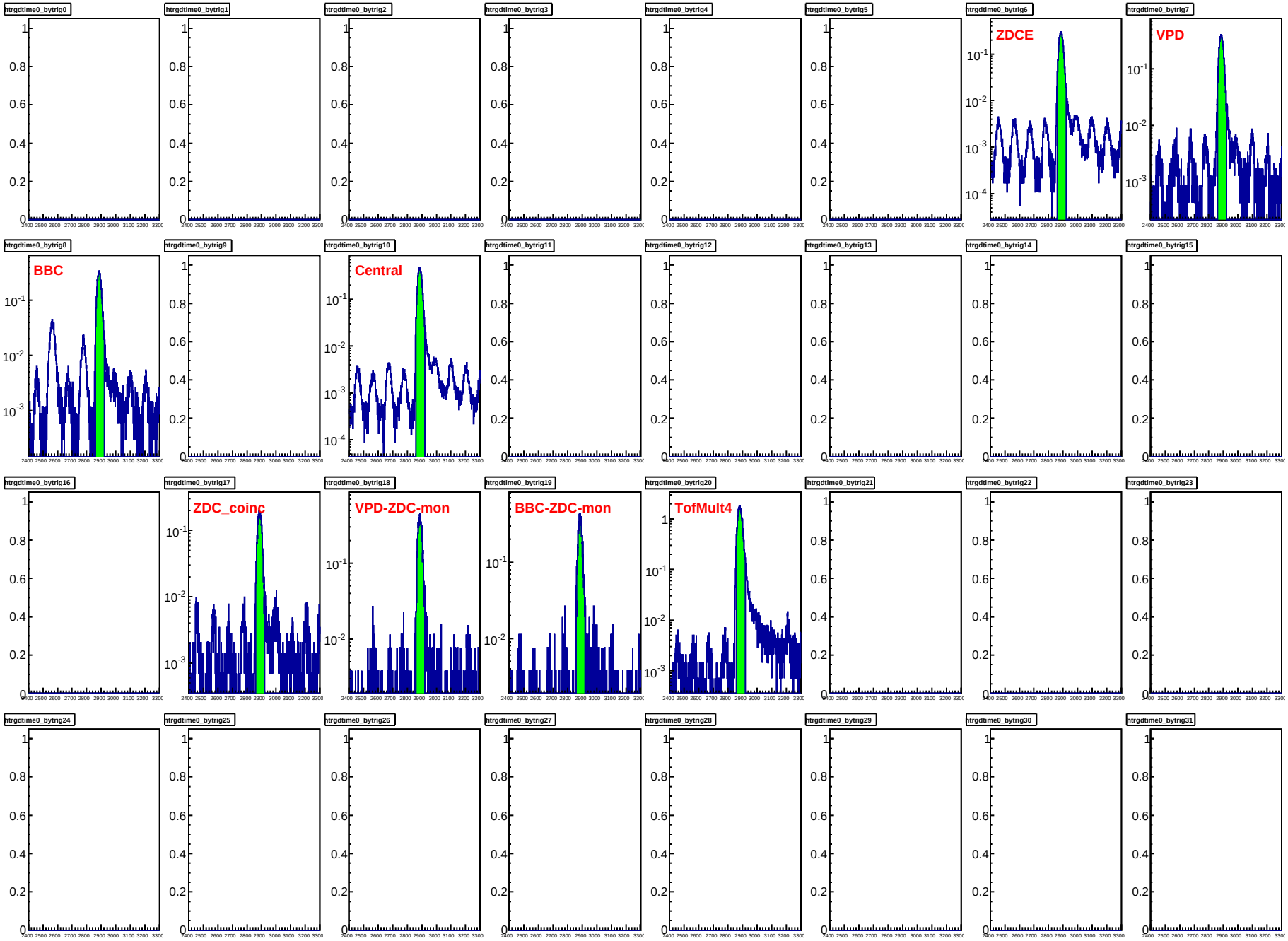

htrgbits
10^4
10^3
10^2
10
1
0
10
20
30
40
50
60
ZDCE
VPD
BBC
Central
ZDC_coinc
VPD-ZDC-mon
BBC-ZDC-mon
TofMult4
Zero-bias
15171007_tof


trgdtime, TRAY thub=0
Prob(kept,±1)=69.0%
Prob(kept,0)=64.6%
trgdtime, TRAY thub=1
Prob(kept,±1)=71.0%
Prob(kept,0)=67.5%
trgdtime, TRAY thub=2
Prob(kept,±1)=69.3%
Prob(kept,0)=64.0%
trgdtime, TRAY thub=3
Prob(kept,±1)=71.1%
Prob(kept,0)=66.8%
trgdtime, VPD 121
Prob(kept,±1)=94.2%
Prob(kept,0)=72.6%
trgdtime, VPD 122
Prob(kept,±1)=98.5%
Prob(kept,0)=82.5%


htrgdtime0_bytrig0
htrgdtime0_bytrig1
htrgdtime0_bytrig2
htrgdtime0_bytrig3
htrgdtime0_bytrig4
htrgdtime0_bytrig5
htrgdtime0_bytrig6
ZDCE
htrgdtime0_bytrig7
VPD
htrgdtime0_bytrig8
BBC
htrgdtime0_bytrig9
htrgdtime0_bytrig10
Central
htrgdtime0_bytrig11
htrgdtime0_bytrig12
htrgdtime0_bytrig13
htrgdtime0_bytrig14
htrgdtime0_bytrig15
htrgdtime0_bytrig16
htrgdtime0_bytrig17
ZDC_coinc
htrgdtime0_bytrig18
VPD-ZDC-mon
htrgdtime0_bytrig19
BBC-ZDC-mon
htrgdtime0_bytrig20
TofMult4
htrgdtime0_bytrig21
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
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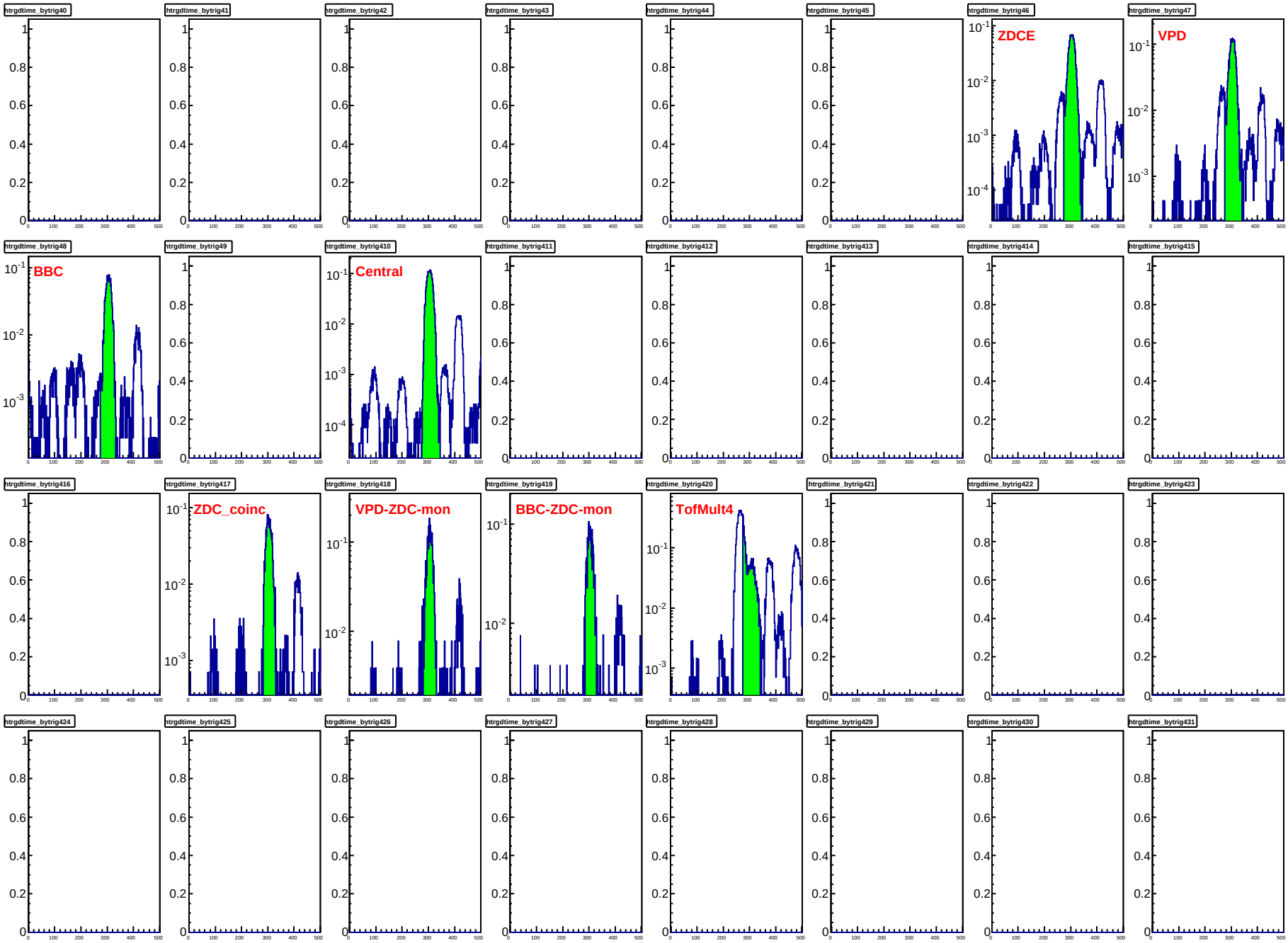
htrgdtime0_bytrig55
htrgdtime0_bytrig56
htrgdtime0_bytrig57
htrgdtime0_bytrig58
htrgdtime0_bytrig59
htrgdtime0_bytrig60
htrgdtime0_bytrig61
htrgdtime0_bytrig62
htrgdtime0_bytrig63
Zero-bias


htrgdtime_bytrig40
htrgdtime_bytrig41
htrgdtime_bytrig42
htrgdtime_bytrig43
htrgdtime_bytrig44
htrgdtime_bytrig45
htrgdtime_bytrig46
ZDCE
htrgdtime_bytrig47
VPD
htrgdtime_bytrig48
BBC
htrgdtime_bytrig49
htrgdtime_bytrig410
Central
htrgdtime_bytrig411
htrgdtime_bytrig412
htrgdtime_bytrig413
htrgdtime_bytrig414
htrgdtime_bytrig415
htrgdtime_bytrig416
htrgdtime_bytrig417
ZDC_coinc
htrgdtime_bytrig418
VPD-ZDC-mon
htrgdtime_bytrig419
BBC-ZDC-mon
htrgdtime_bytrig420
TofMult4
htrgdtime_bytrig421
htrgdtime_bytrig422
htrgdtime_bytrig423
htrgdtime_bytrig424
htrgdtime_bytrig425
htrgdtime_bytrig426
htrgdtime_bytrig427
htrgdtime_bytrig428
htrgdtime_bytrig429
htrgdtime_bytrig430
htrgdtime_bytrig431

htrgdtime_bytrig432
htrgdtime_bytrig433
htrgdtime_bytrig434
htrgdtime_bytrig435
htrgdtime_bytrig436
htrgdtime_bytrig437
htrgdtime_bytrig438
htrgdtime_bytrig439
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htrgdtime_bytrig457
htrgdtime_bytrig458
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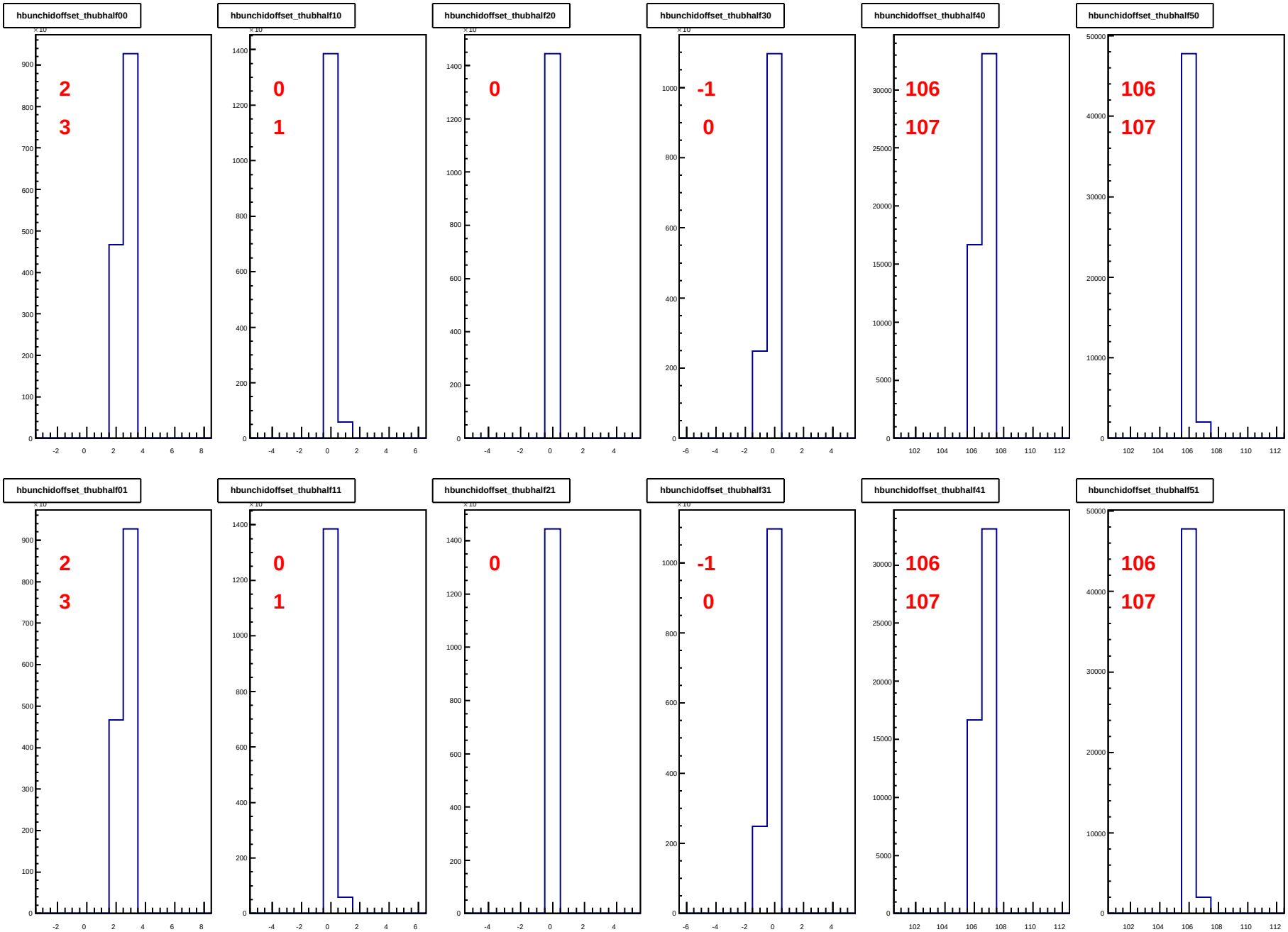
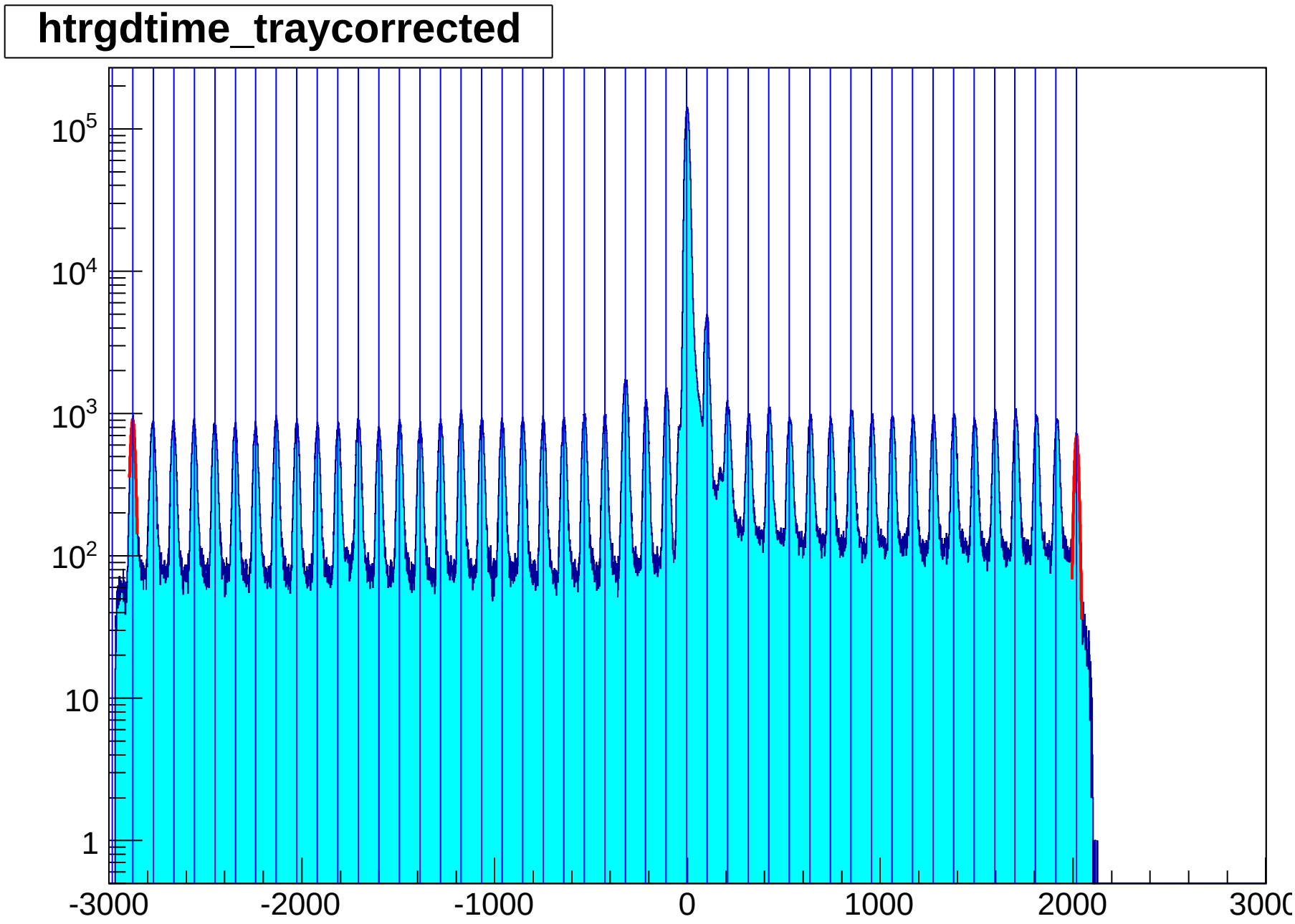
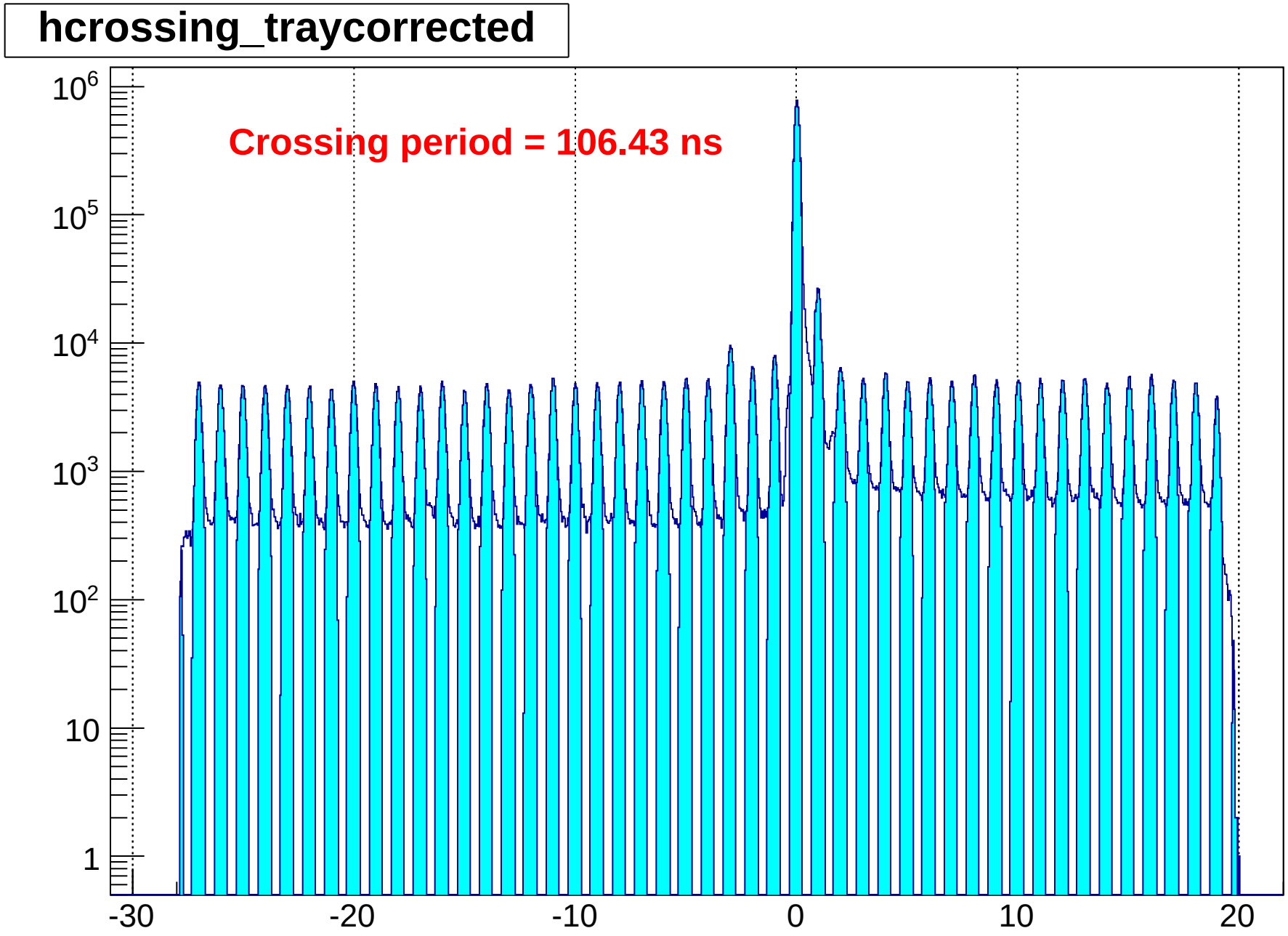
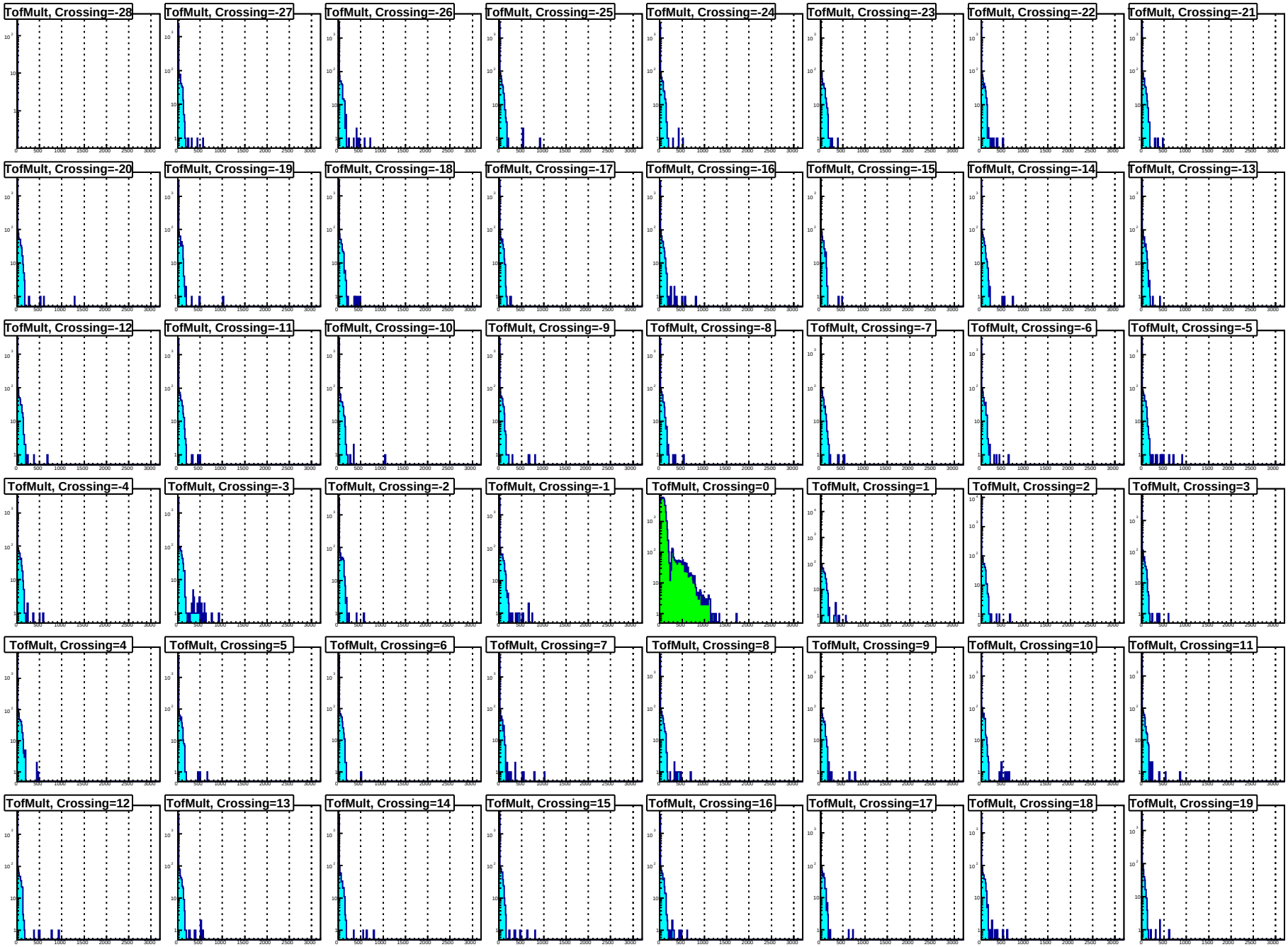
htrgdtime_bytrig462
htrgdtime_bytrig463
Zero-bias


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 = 106.43 ns
10^6
10^5
10^4
10^3
10^2
10
1
-30
-20
-10
0
10
20


TofMult, Crossing=-28
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
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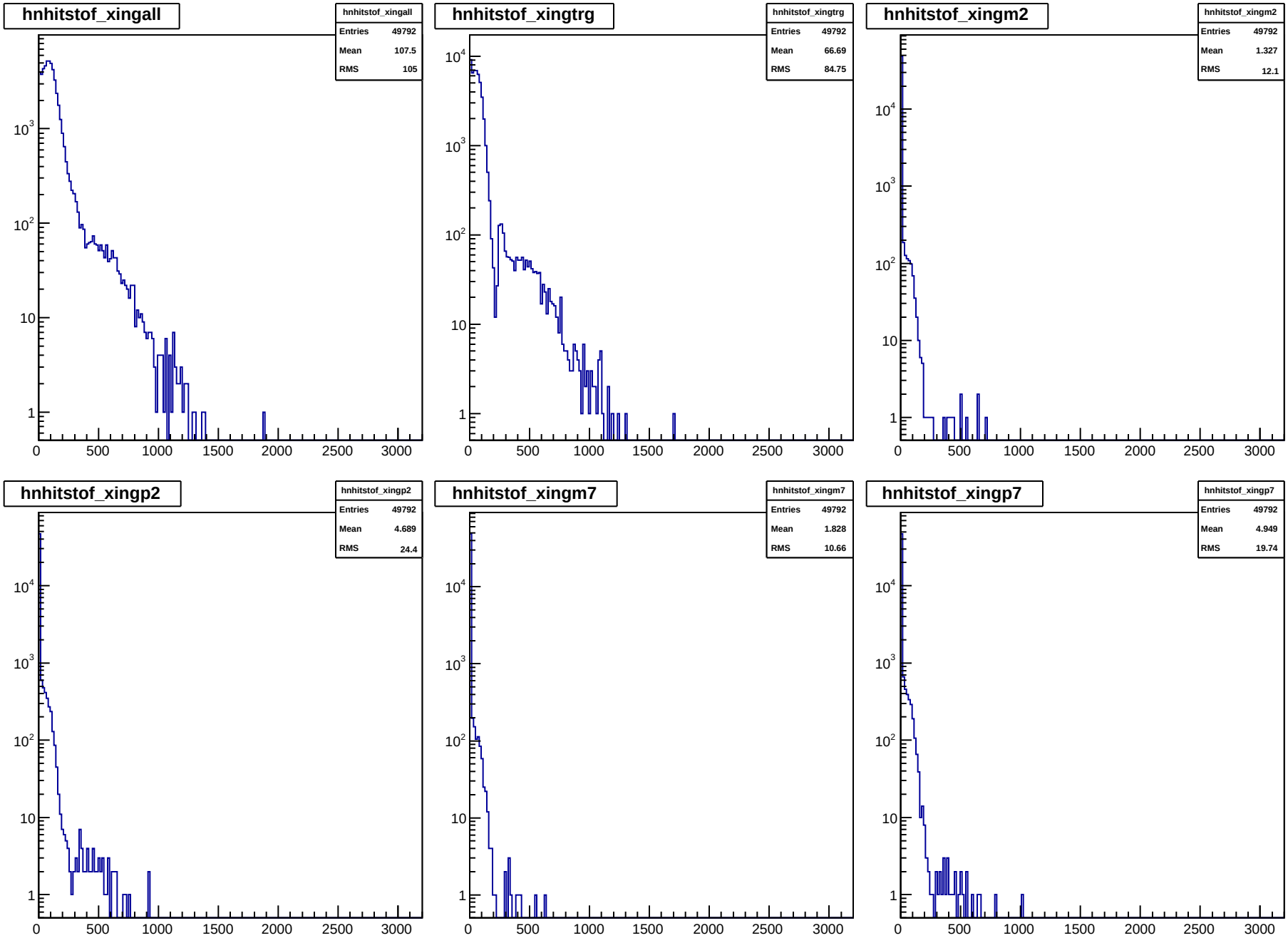
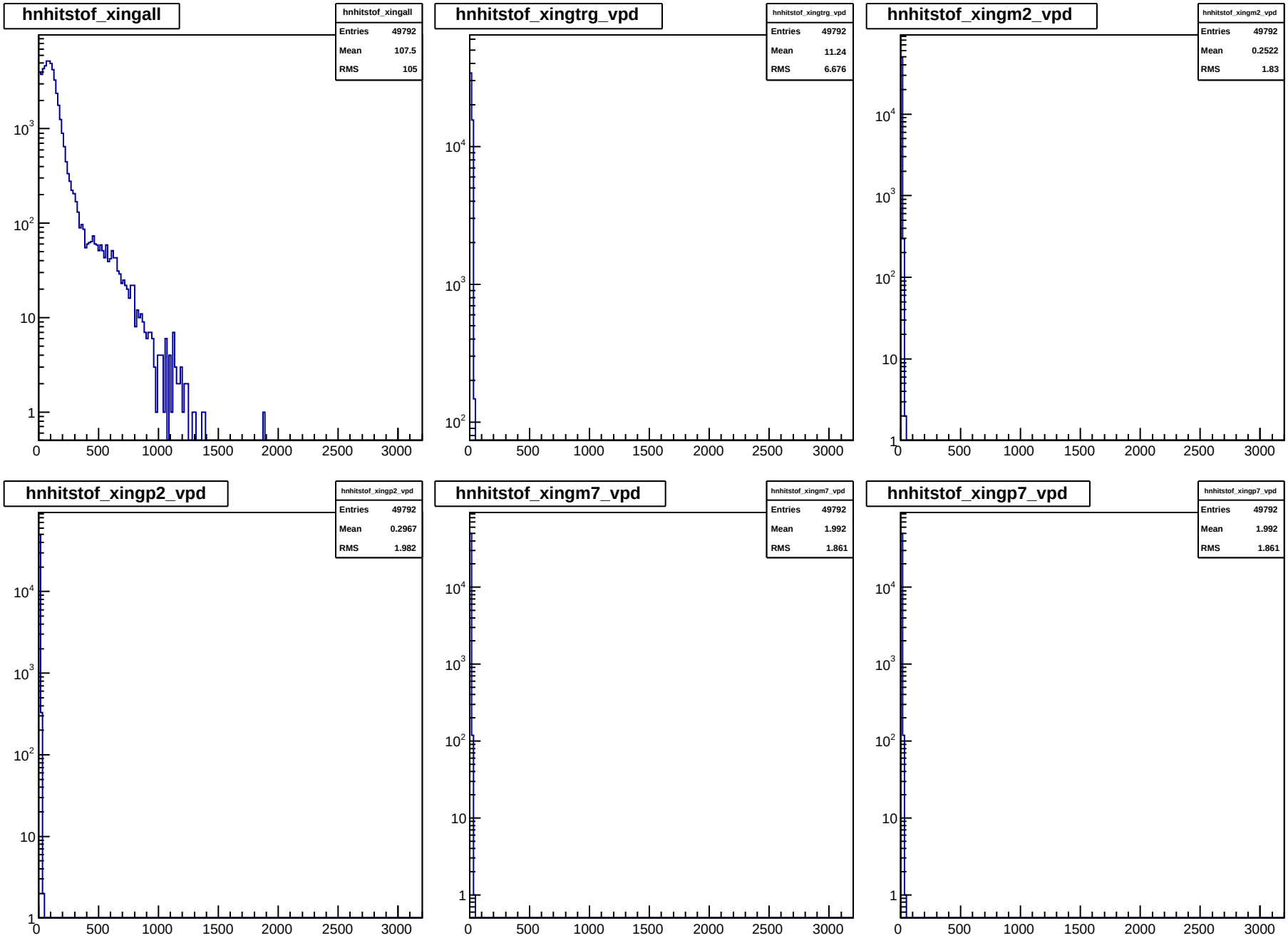
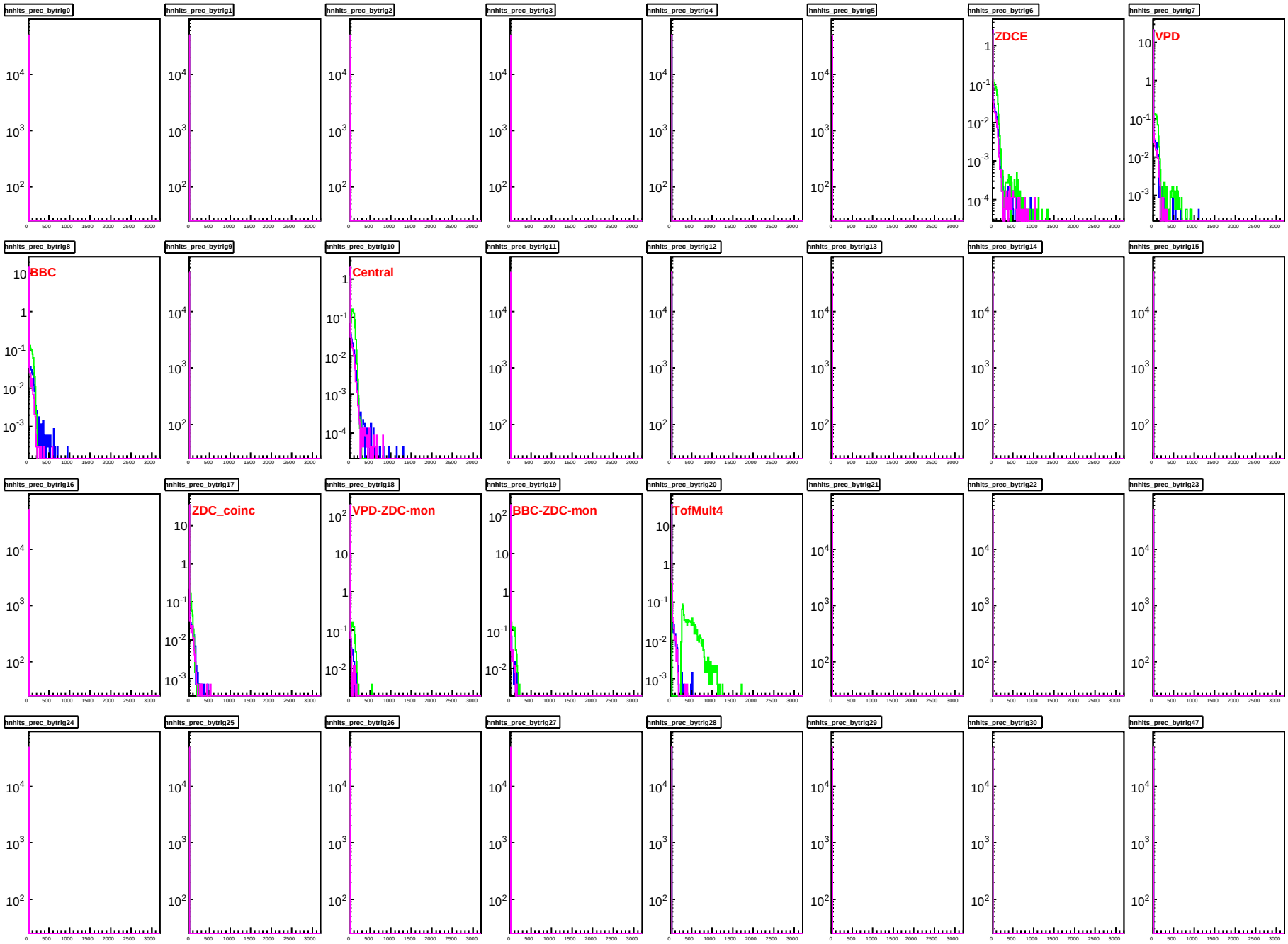
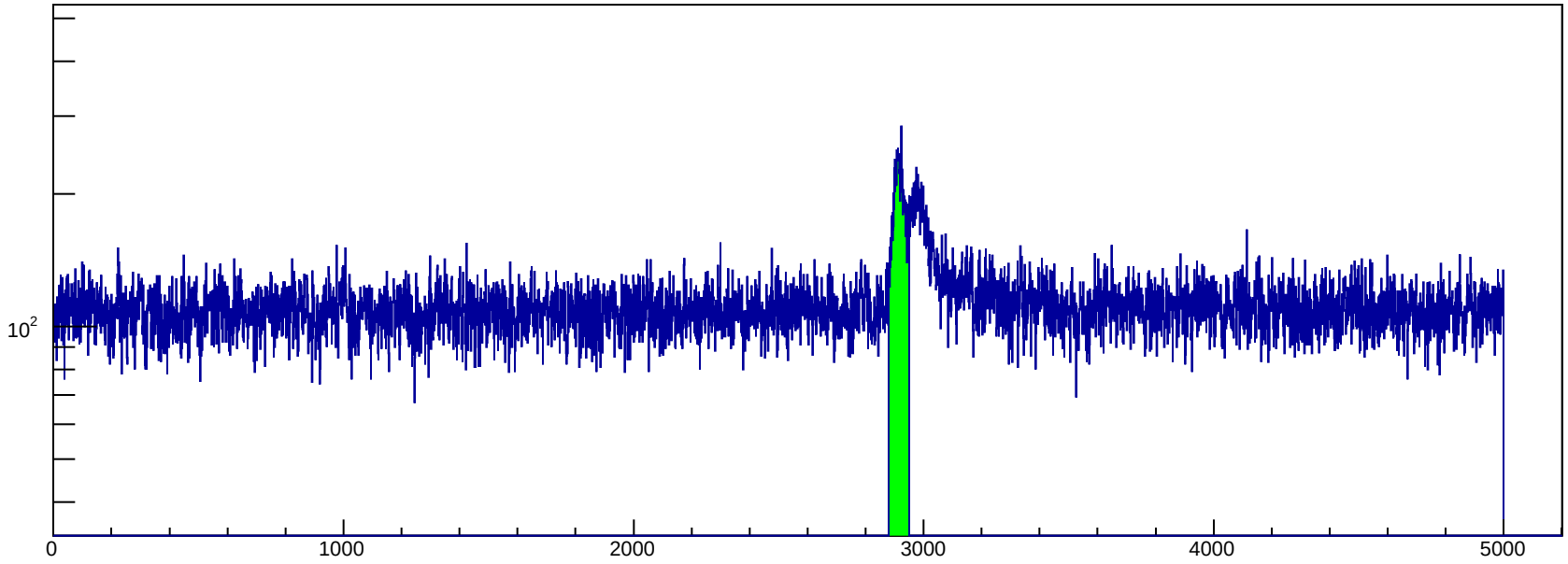
TofMult, Crossing=13
TofMult, Crossing=14
TofMult, Crossing=15
TofMult, Crossing=16
TofMult, Crossing=17
TofMult, Crossing=18
TofMult, Crossing=19


hnhitstof_xingall
hnhitstof_xingall
Entries 49792
Mean 107.5
RMS 105
hnhitstof_xingtrg
hnhitstof_xingtrg
Entries 49792
Mean 66.69
RMS 84.75
hnhitstof_xingm2
hnhitstof_xingm2
Entries 49792
Mean 1.327
RMS 12.1
hnhitstof_xingp2
hnhitstof_xingp2
Entries 49792
Mean 4.689
RMS 24.4
hnhitstof_xingm7
hnhitstof_xingm7
Entries 49792
Mean 1.828
RMS 10.66
hnhitstof_xingp7
hnhitstof_xingp7
Entries 49792
Mean 4.949
RMS 19.74

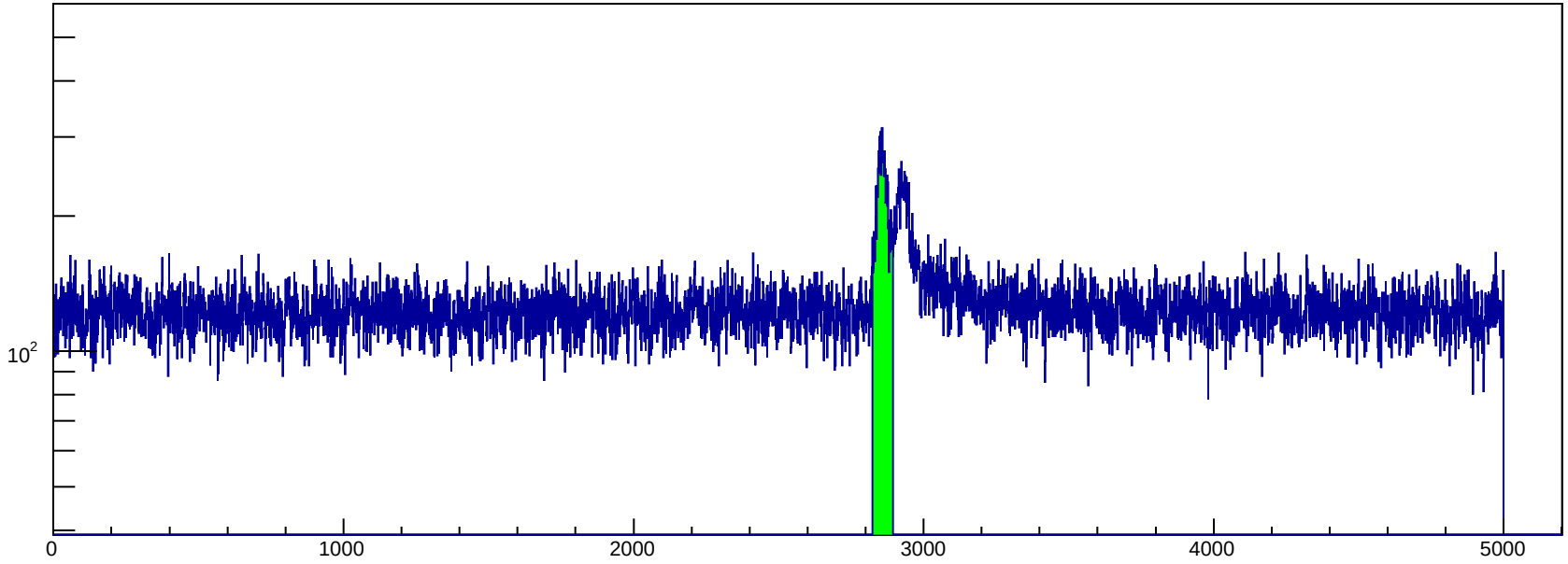

hnhitstof_xingall
hnhitstof_xingall
Entries 49792
Mean 107.5
RMS 105
hnhitstof_xingtrg_vpd
hnhitstof_xingtrg_vpd
Entries 49792
Mean 11.24
RMS 6.676
hnhitstof_xingm2_vpd
hnhitstof_xingm2_vpd
Entries 49792
Mean 0.2522
RMS 1.83
hnhitstof_xingp2_vpd
hnhitstof_xingp2_vpd
Entries 49792
Mean 0.2967
RMS 1.982
hnhitstof_xingm7_vpd
hnhitstof_xingm7_vpd
Entries 49792
Mean 1.992
RMS 1.861
hnhitstof_xingp7_vpd
hnhitstof_xingp7_vpd
Entries 49792
Mean 1.992
RMS 1.861


hnhits_prec_bytrig0
hnhits_prec_bytrig1
hnhits_prec_bytrig2
hnhits_prec_bytrig3
hnhits_prec_bytrig4
hnhits_prec_bytrig5
hnhits_prec_bytrig6
ZDCE
hnhits_prec_bytrig7
VPD
hnhits_prec_bytrig8
BBC
hnhits_prec_bytrig9
hnhits_prec_bytrig10
Central
hnhits_prec_bytrig11
hnhits_prec_bytrig12
hnhits_prec_bytrig13
hnhits_prec_bytrig14
hnhits_prec_bytrig15
hnhits_prec_bytrig16
hnhits_prec_bytrig17
ZDC_coinc
hnhits_prec_bytrig18
VPD-ZDC-mon
hnhits_prec_bytrig19
BBC-ZDC-mon
hnhits_prec_bytrig20
TofMult4
hnhits_prec_bytrig21
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

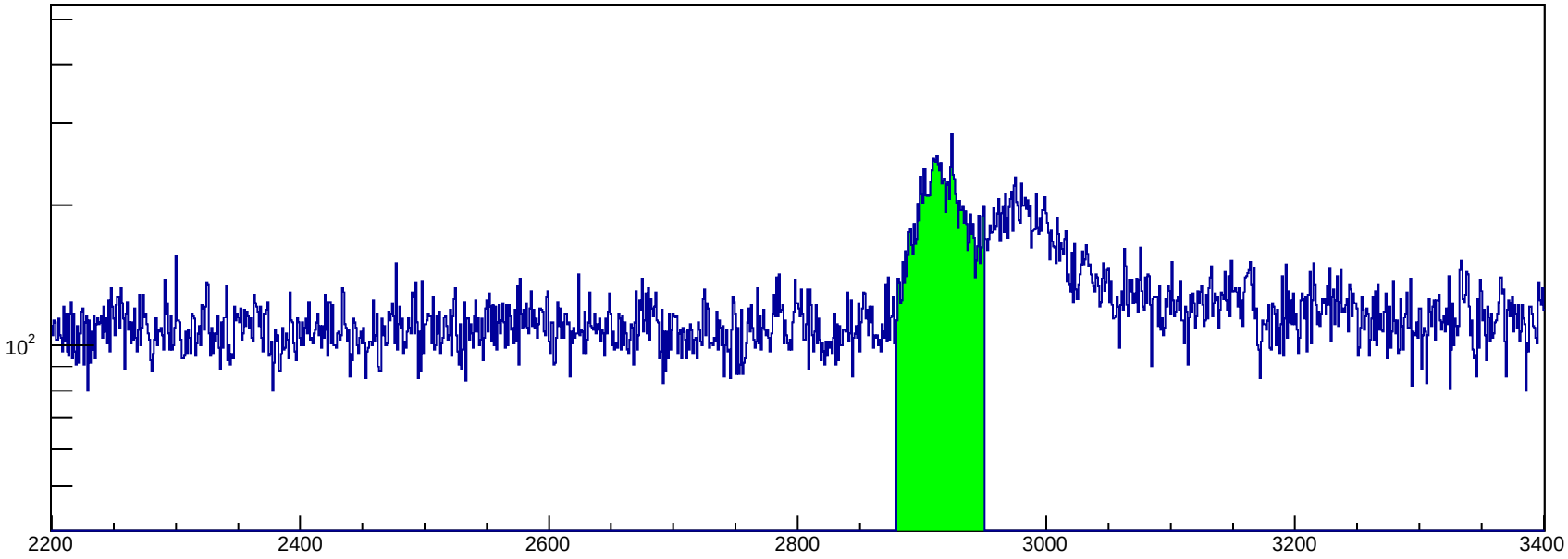
htrgdtime_mtd0



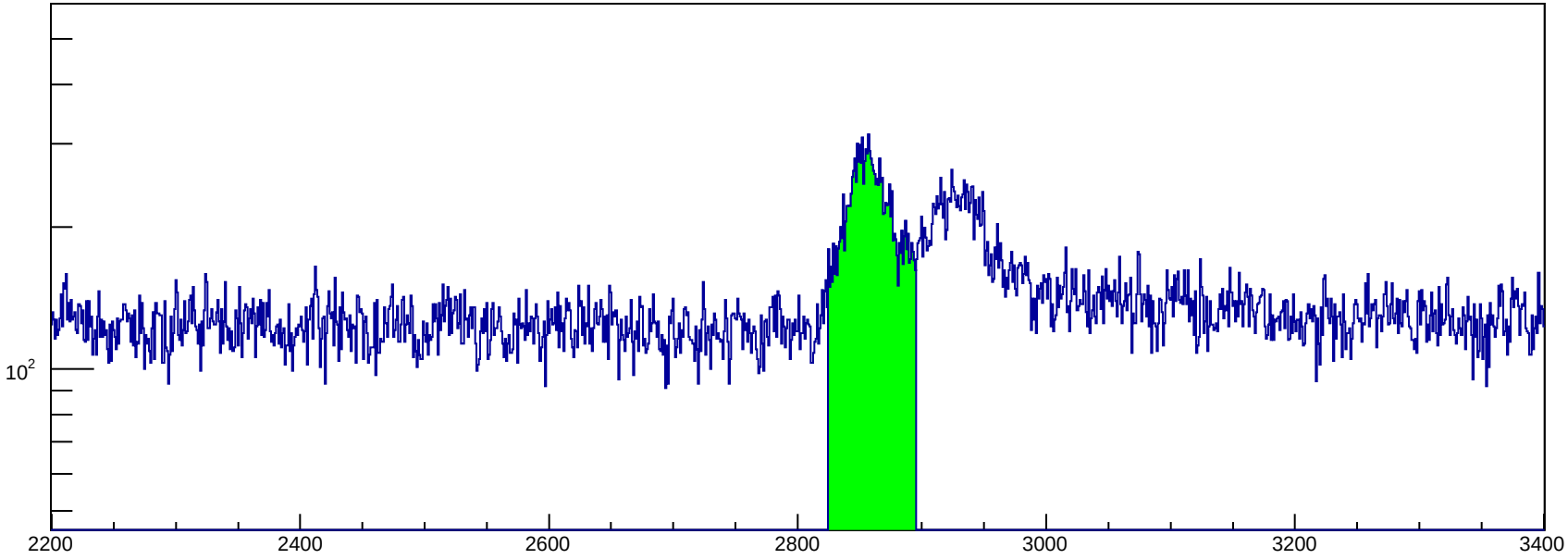
htrgdtime_mtd1

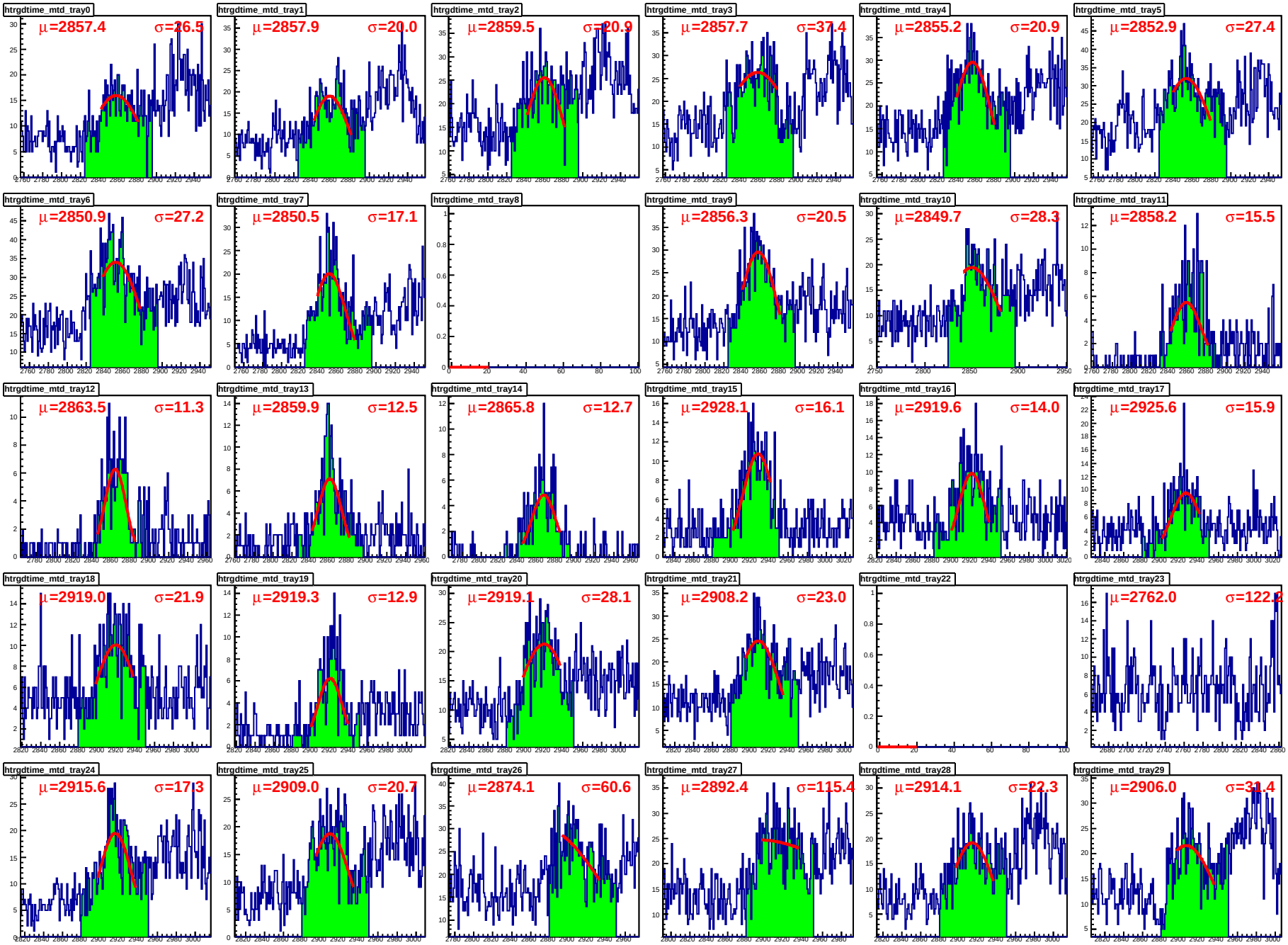


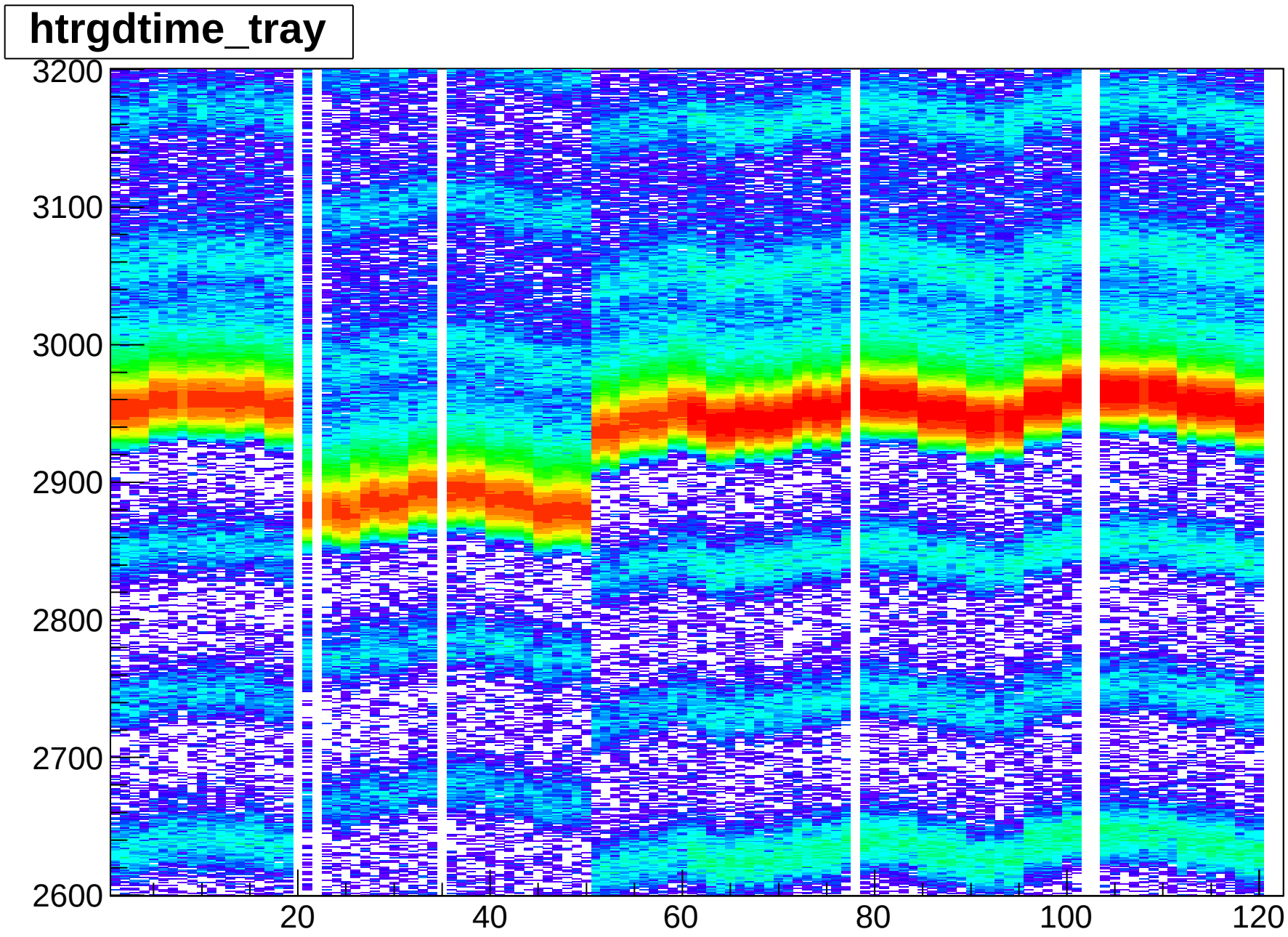
htrgdtime_mtd0

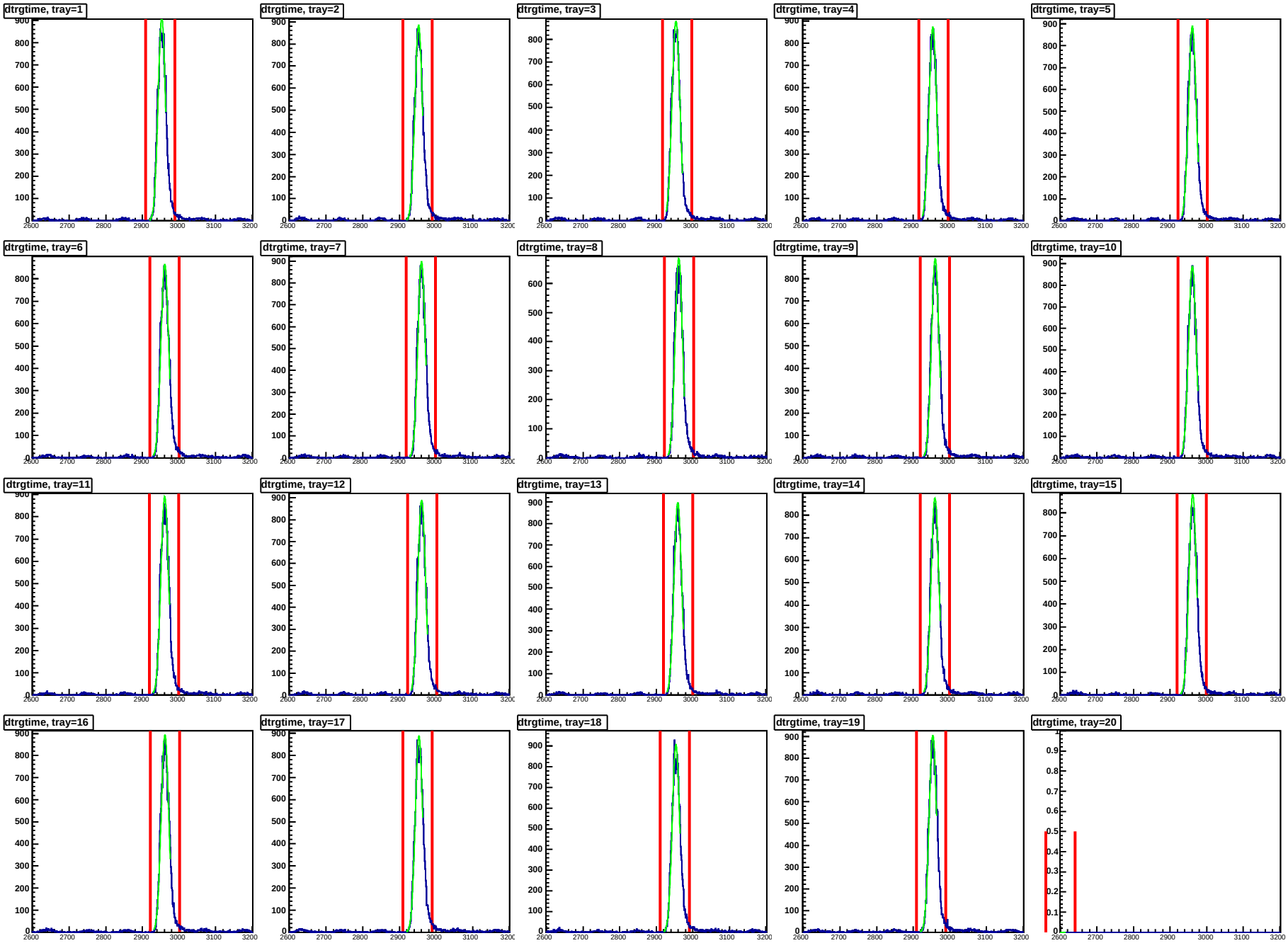


htrgdtime_mtd1




htrgdtime_mtd_tray0
μ=2857.4 σ=26.5
htrgdtime_mtd_tray1
μ=2857.9 σ=20.0
htrgdtime_mtd_tray2
μ=2859.5 σ=20.9
htrgdtime_mtd_tray3
μ=2857.7 σ=37.4
htrgdtime_mtd_tray4
μ=2855.2 σ=20.9
htrgdtime_mtd_tray5
μ=2852.9 σ=27.4
htrgdtime_mtd_tray6
μ=2850.9 σ=27.2
htrgdtime_mtd_tray7
μ=2850.5 σ=17.1
htrgdtime_mtd_tray8
htrgdtime_mtd_tray9
μ=2856.3 σ=20.5
htrgdtime_mtd_tray10
μ=2849.7 σ=28.3
htrgdtime_mtd_tray11
μ=2858.2 σ=15.5
htrgdtime_mtd_tray12
μ=2863.5 σ=11.3
htrgdtime_mtd_tray13
μ=2859.9 σ=12.5
htrgdtime_mtd_tray14
μ=2865.8 σ=12.7
htrgdtime_mtd_tray15
μ=2928.1 σ=16.1
htrgdtime_mtd_tray16
μ=2919.6 σ=14.0
htrgdtime_mtd_tray17
μ=2925.6 σ=15.9
htrgdtime_mtd_tray18
μ=2919.0 σ=21.9
htrgdtime_mtd_tray19
μ=2919.3 σ=12.9
htrgdtime_mtd_tray20
μ=2919.1 σ=28.1
htrgdtime_mtd_tray21
μ=2908.2 σ=23.0
htrgdtime_mtd_tray22
htrgdtime_mtd_tray23
μ=2762.0 σ=122.2
htrgdtime_mtd_tray24
μ=2915.6 σ=17.3
htrgdtime_mtd_tray25
μ=2909.0 σ=20.7
htrgdtime_mtd_tray26
μ=2874.1 σ=60.6
htrgdtime_mtd_tray27
μ=2892.4 σ=115.4
htrgdtime_mtd_tray28
μ=2914.1 σ=22.3
htrgdtime_mtd_tray29
μ=2906.0 σ=31.4


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
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dtrgtime, tray=11
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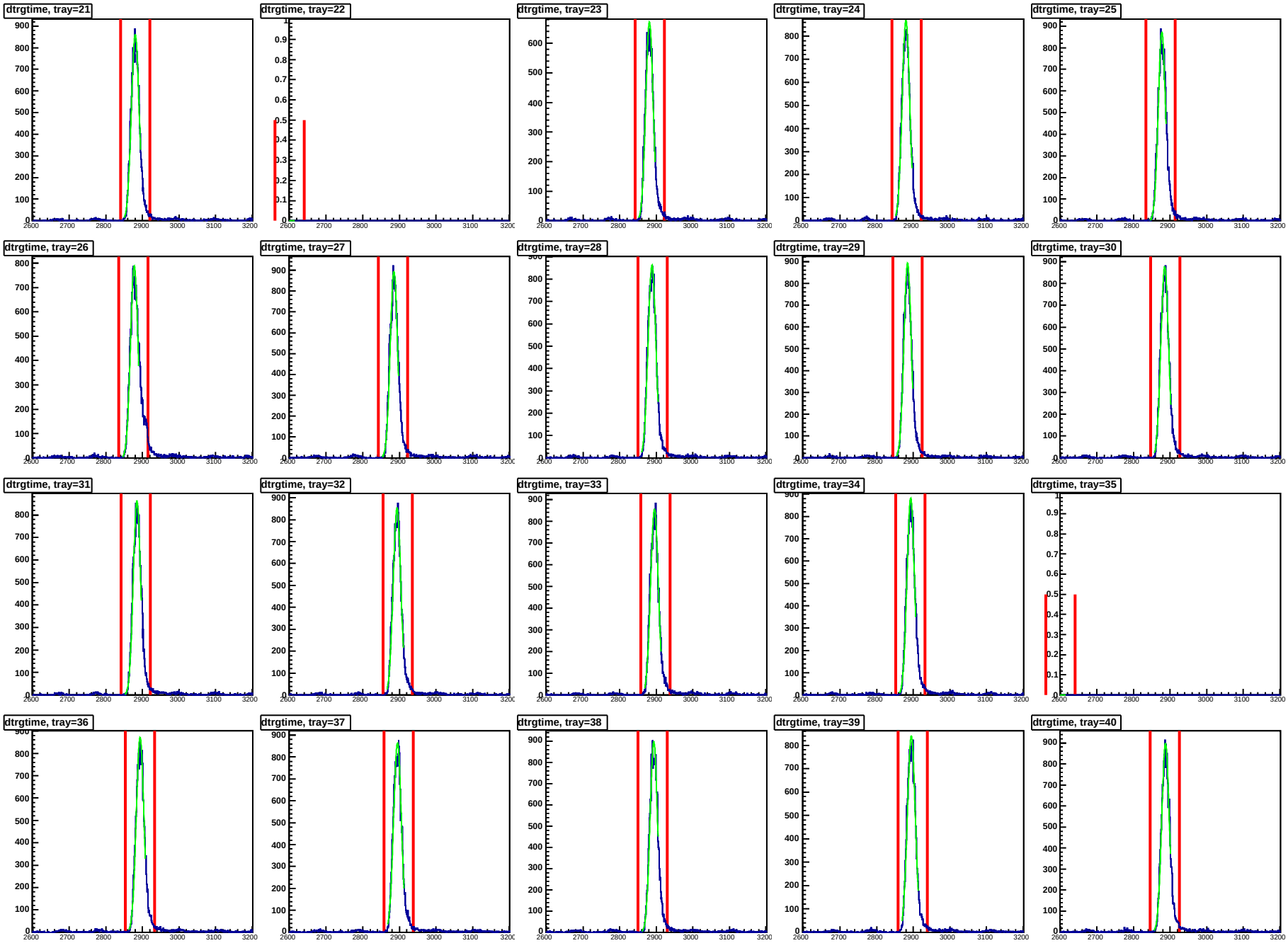
dtrgtime, tray=19
dtrgtime, tray=20


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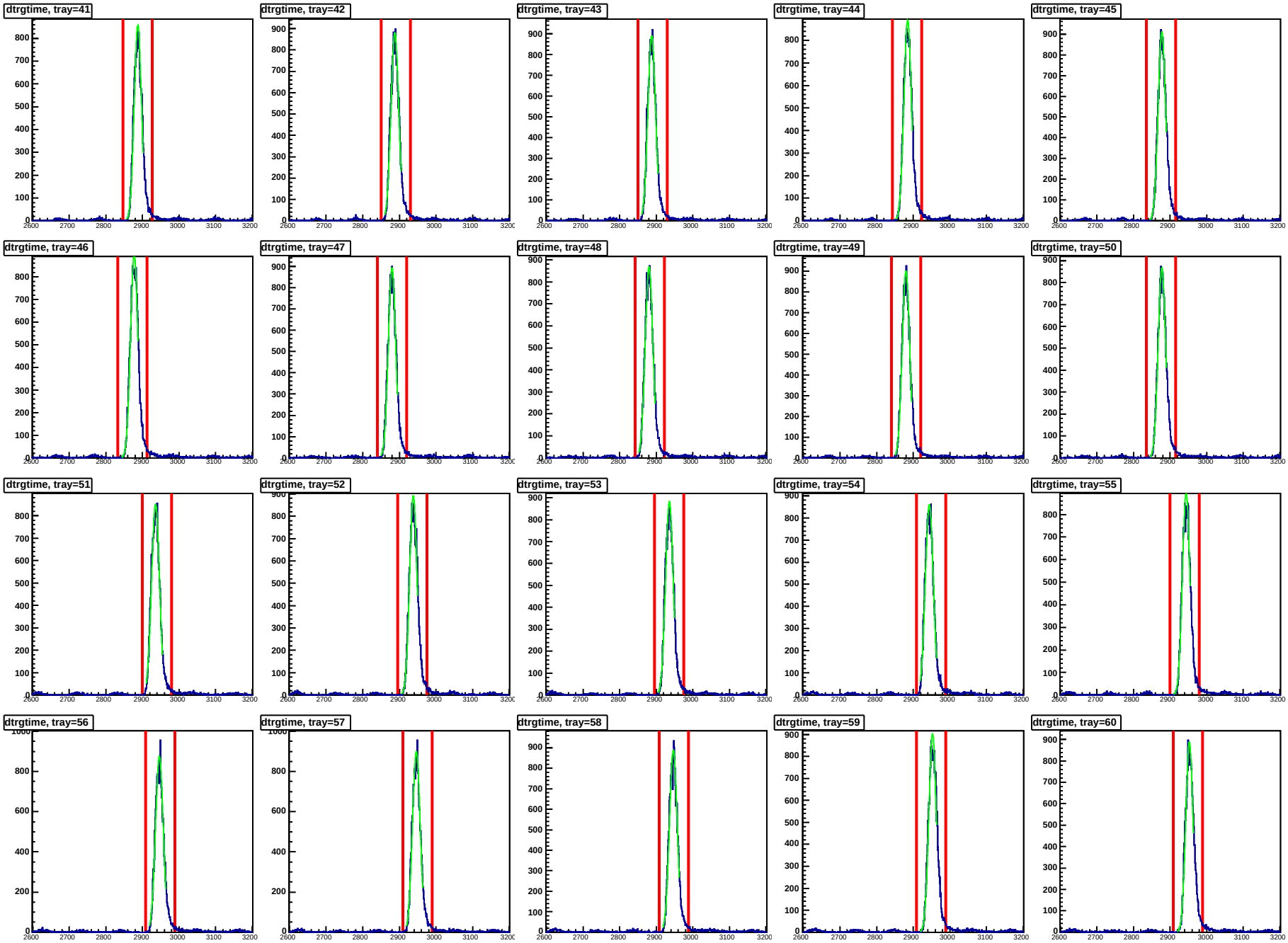
dtrgtime, tray=39
dtrgtime, tray=40


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
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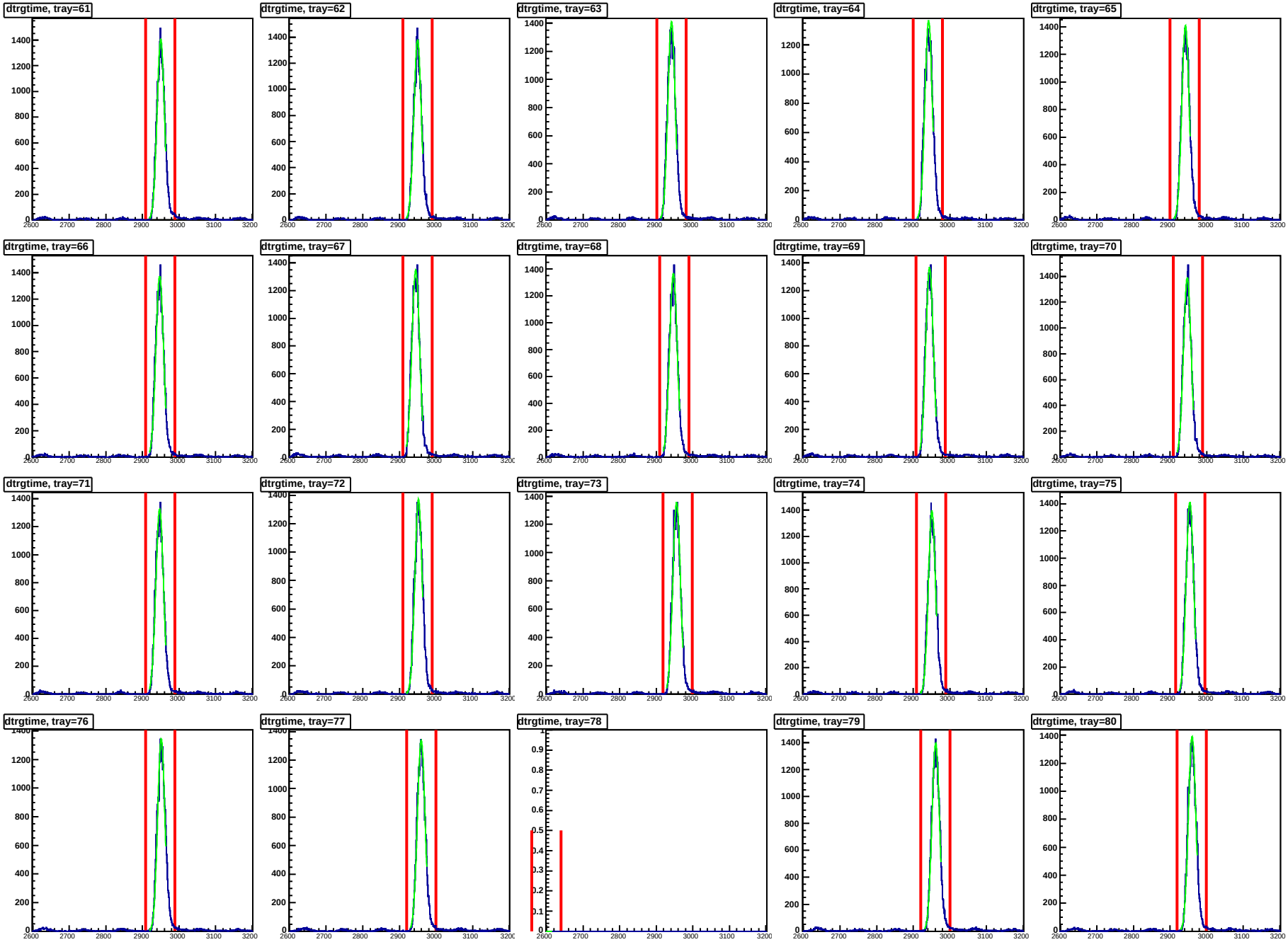
dtrgtime, tray=59
dtrgtime, tray=60


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
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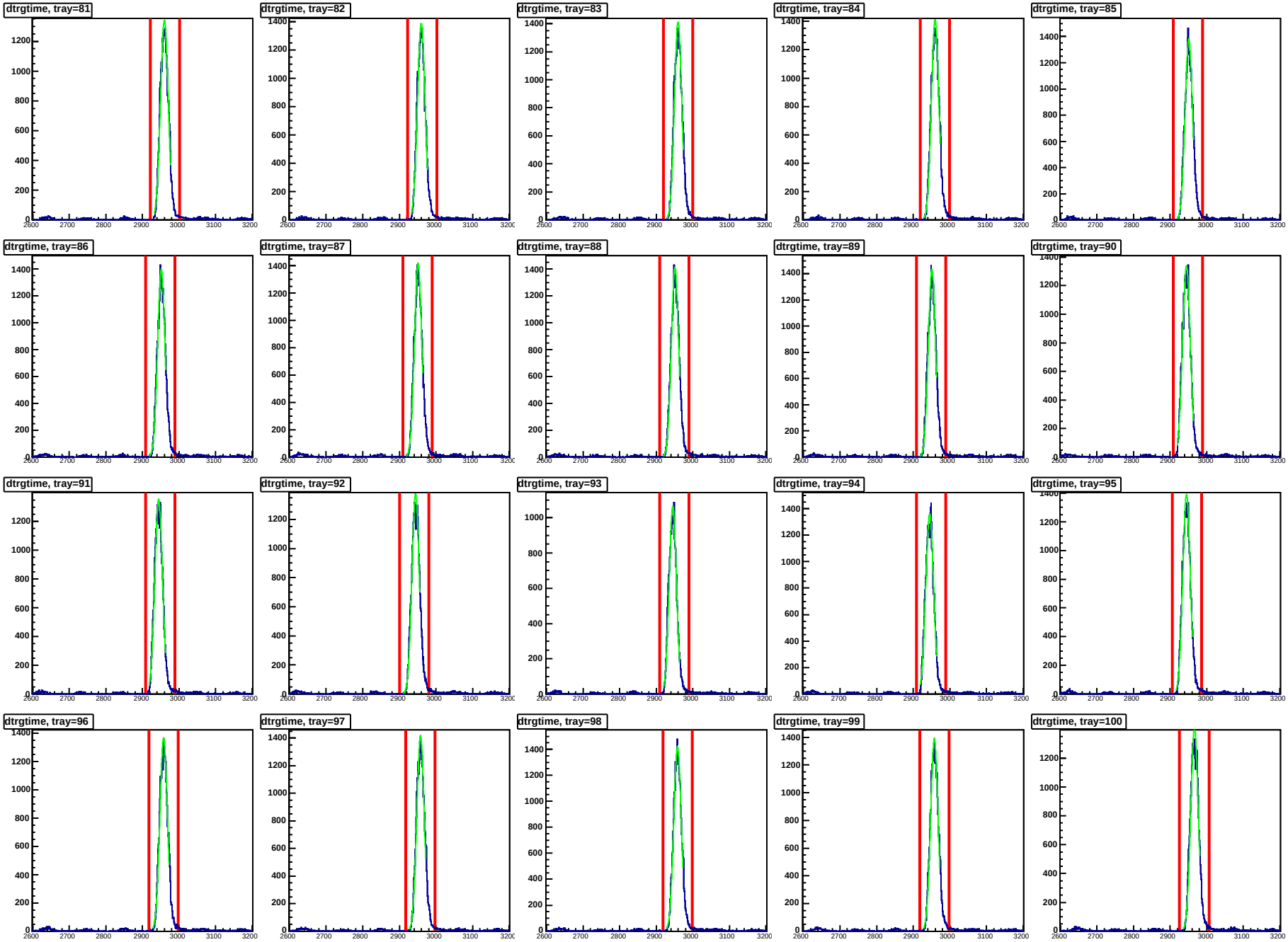
dtrgtime, tray=79
dtrgtime, tray=80


dtrgtime, tray=81
dtrgtime, tray=82
dtrgtime, tray=83
dtrgtime, tray=84
dtrgtime, tray=85
dtrgtime, tray=86
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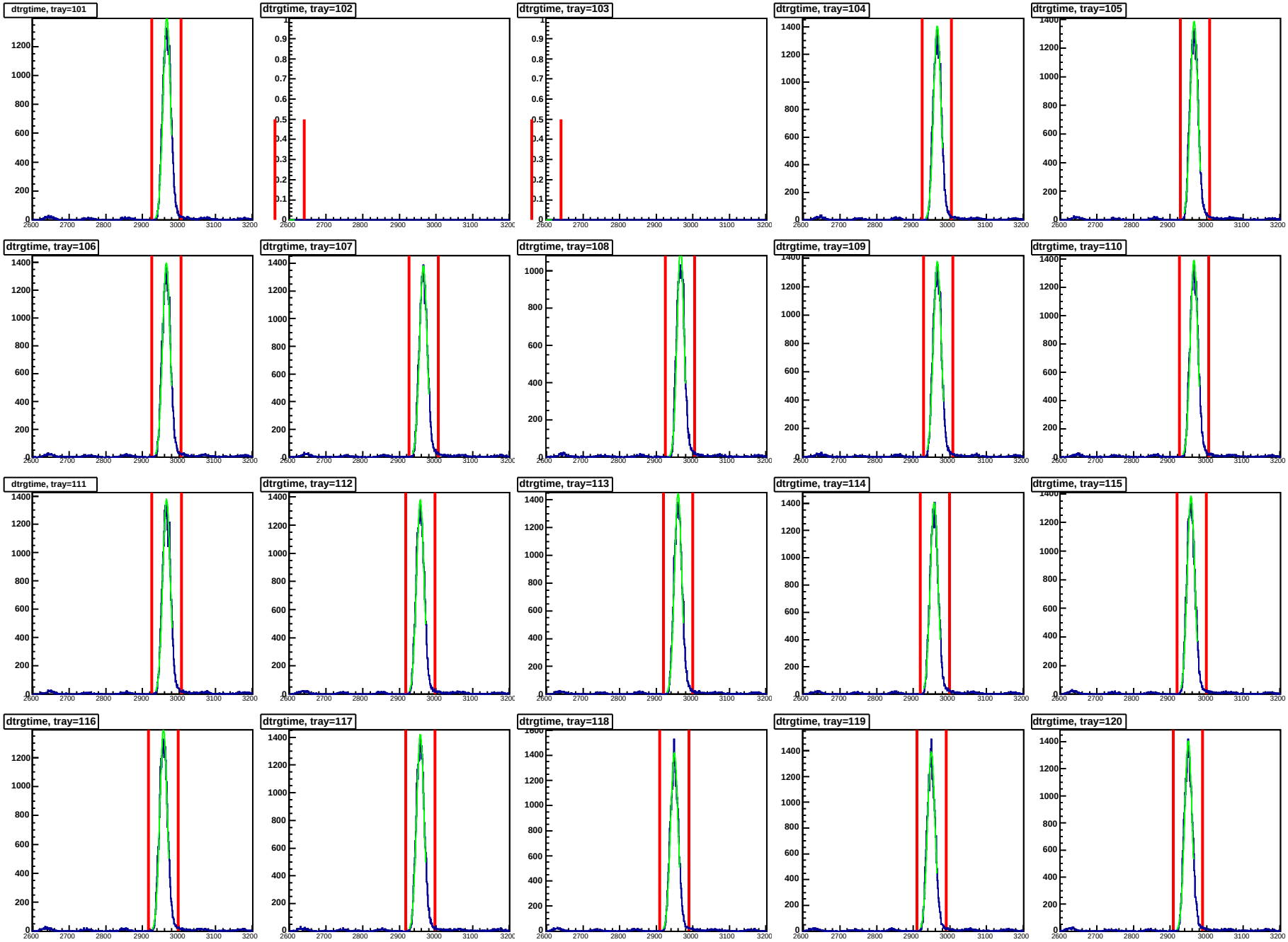
dtrgtime, tray=95
dtrgtime, tray=96
dtrgtime, tray=97
dtrgtime, tray=98
dtrgtime, tray=99
dtrgtime, tray=100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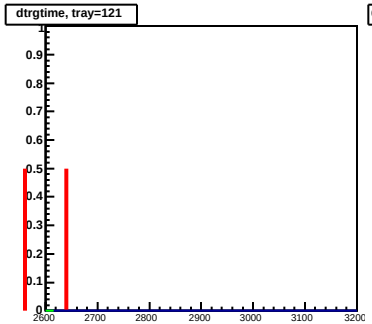
dtrgtime, tray=103
dtrgtime, tray=104
dtrgtime, tray=105
dtrgtime, tray=106
dtrgtime, tray=107
dtrgtime, tray=108
dtrgtime, tray=109
dtrgtime, tray=110
dtrgtime, tray=111
dtrgtime, tray=112
dtrgtime, tray=113
dtrgtime, tray=114
dtrgtime, tray=115
dtrgtime, tray=116
dtrgtime, tray=117
dtrgtime, tray=118
dtrgtime, tray=119
dtrgtime, tray=120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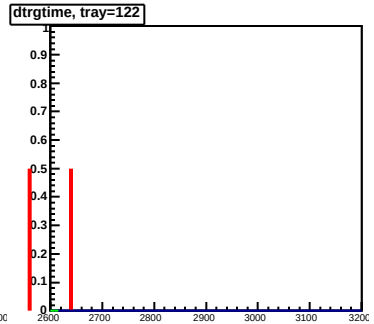
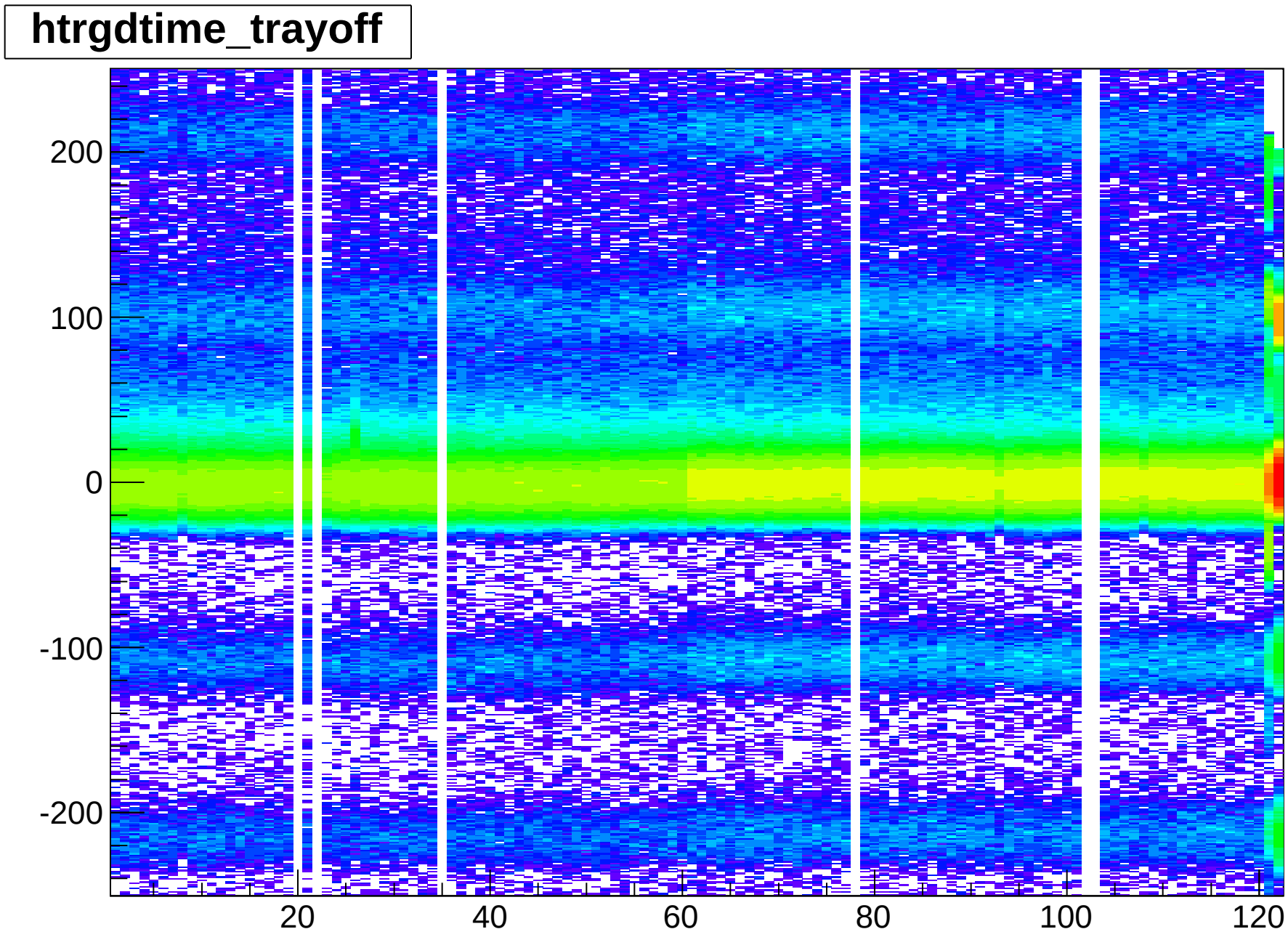
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
2600
2700
2800
2900
3000
3100
3200


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