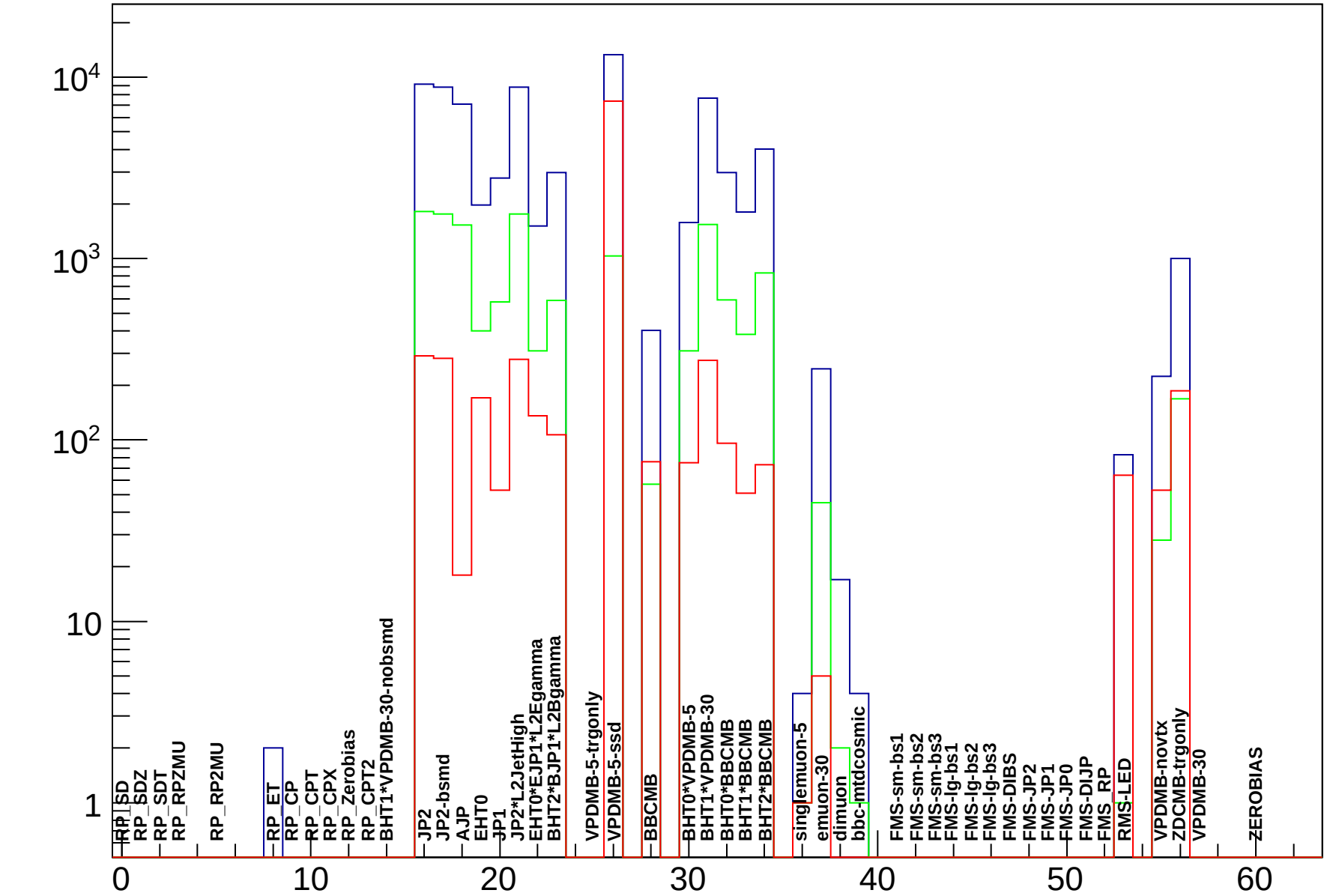
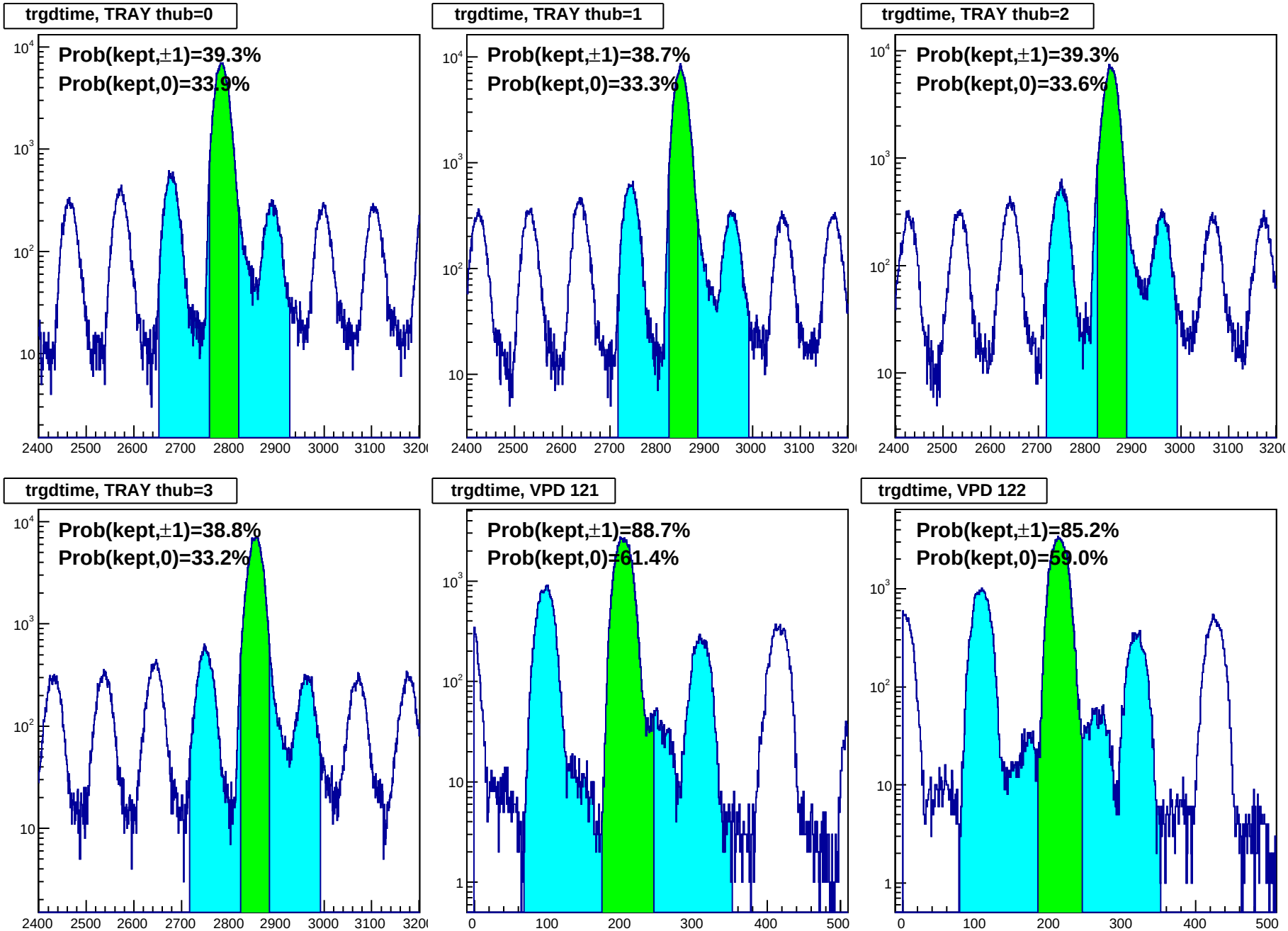
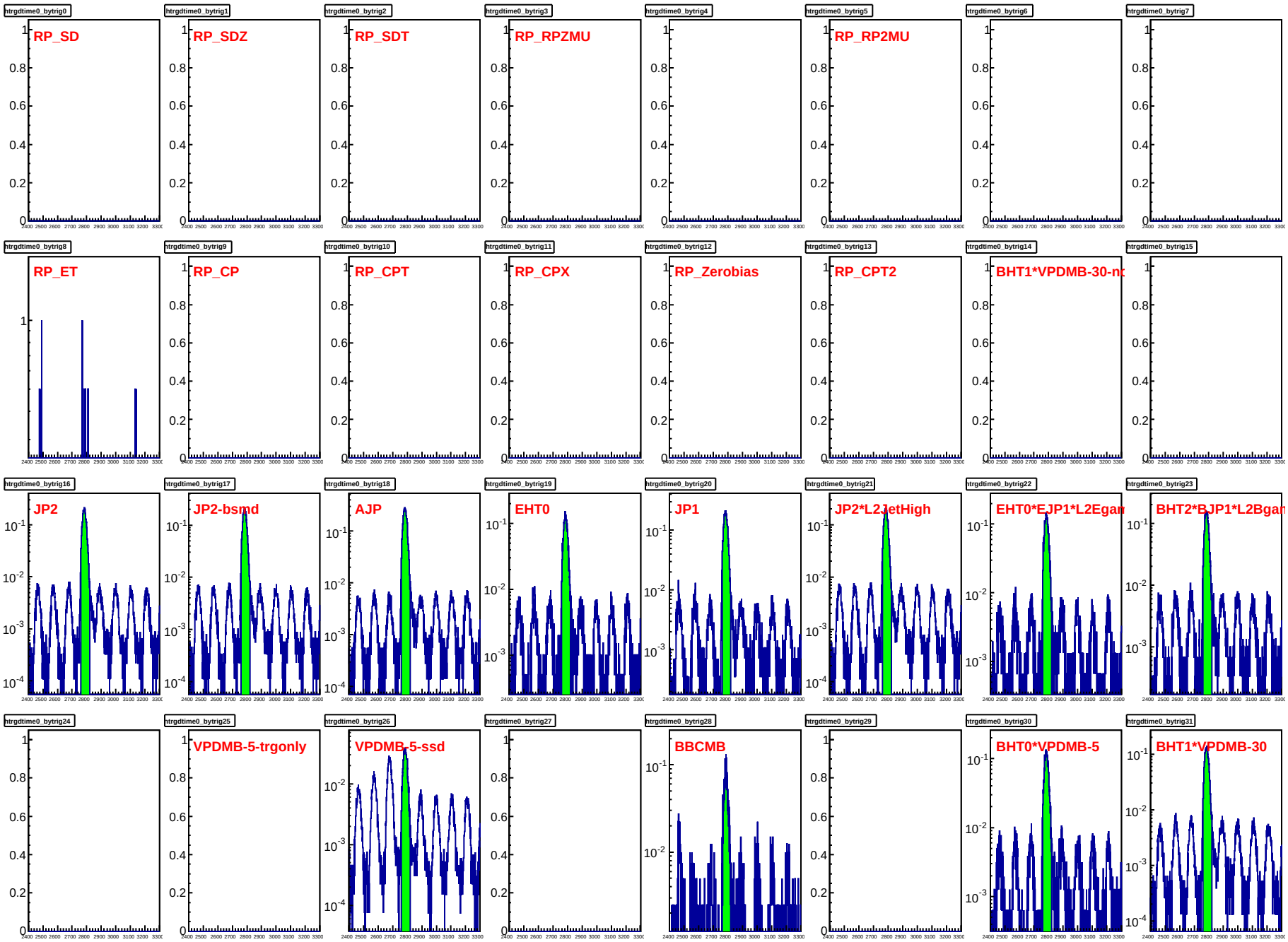
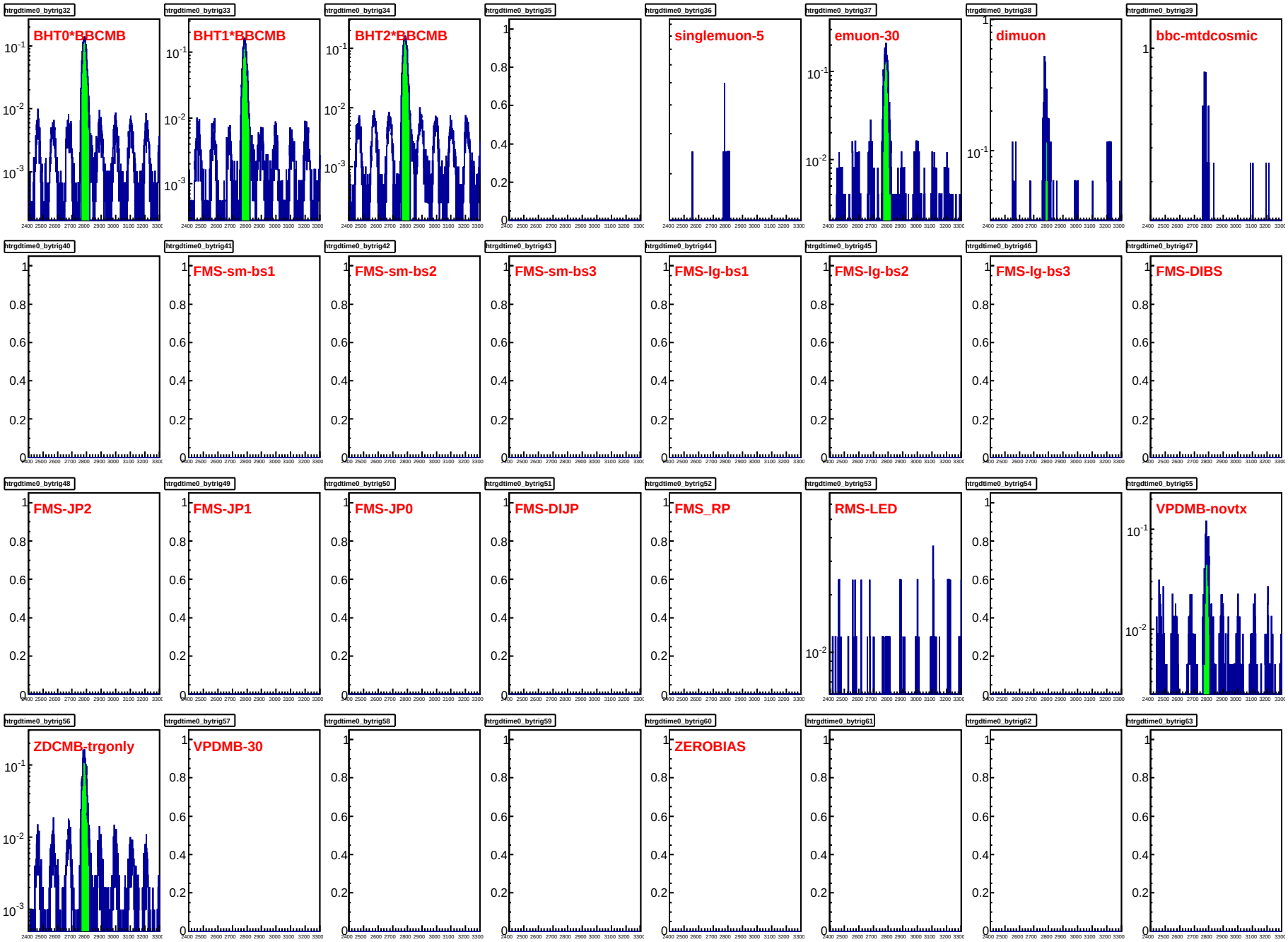
htrgbits

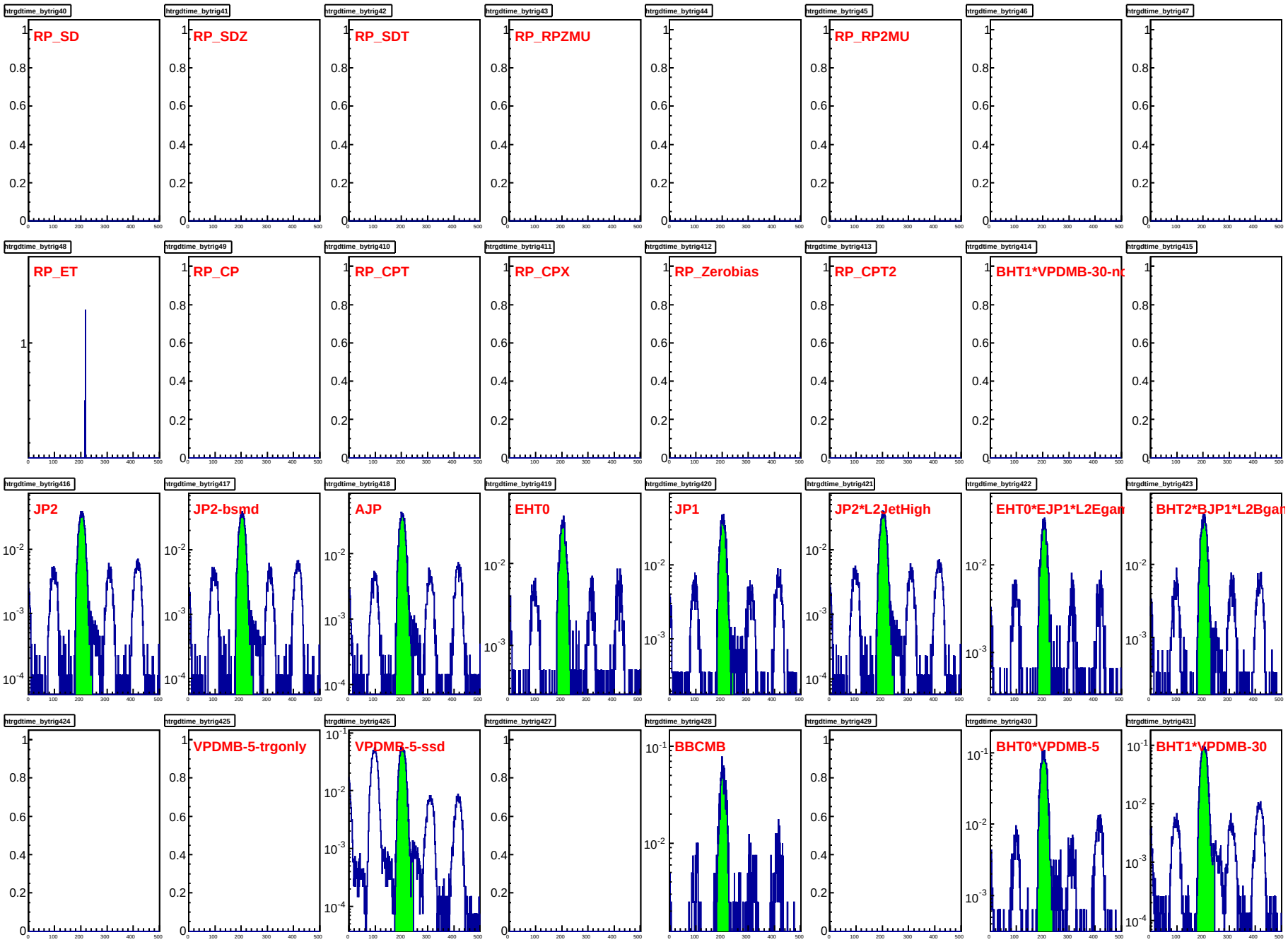


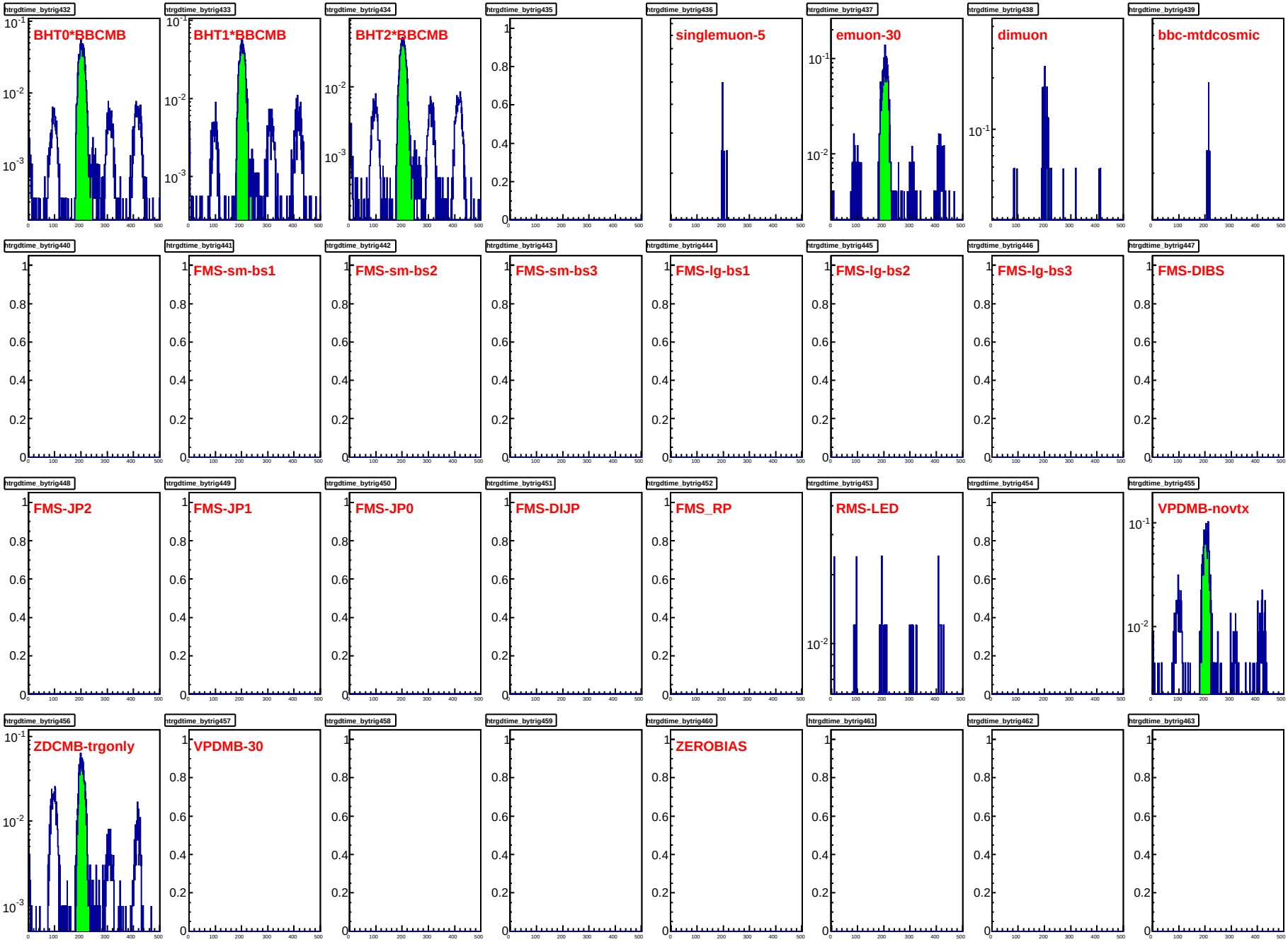
16048027_tof

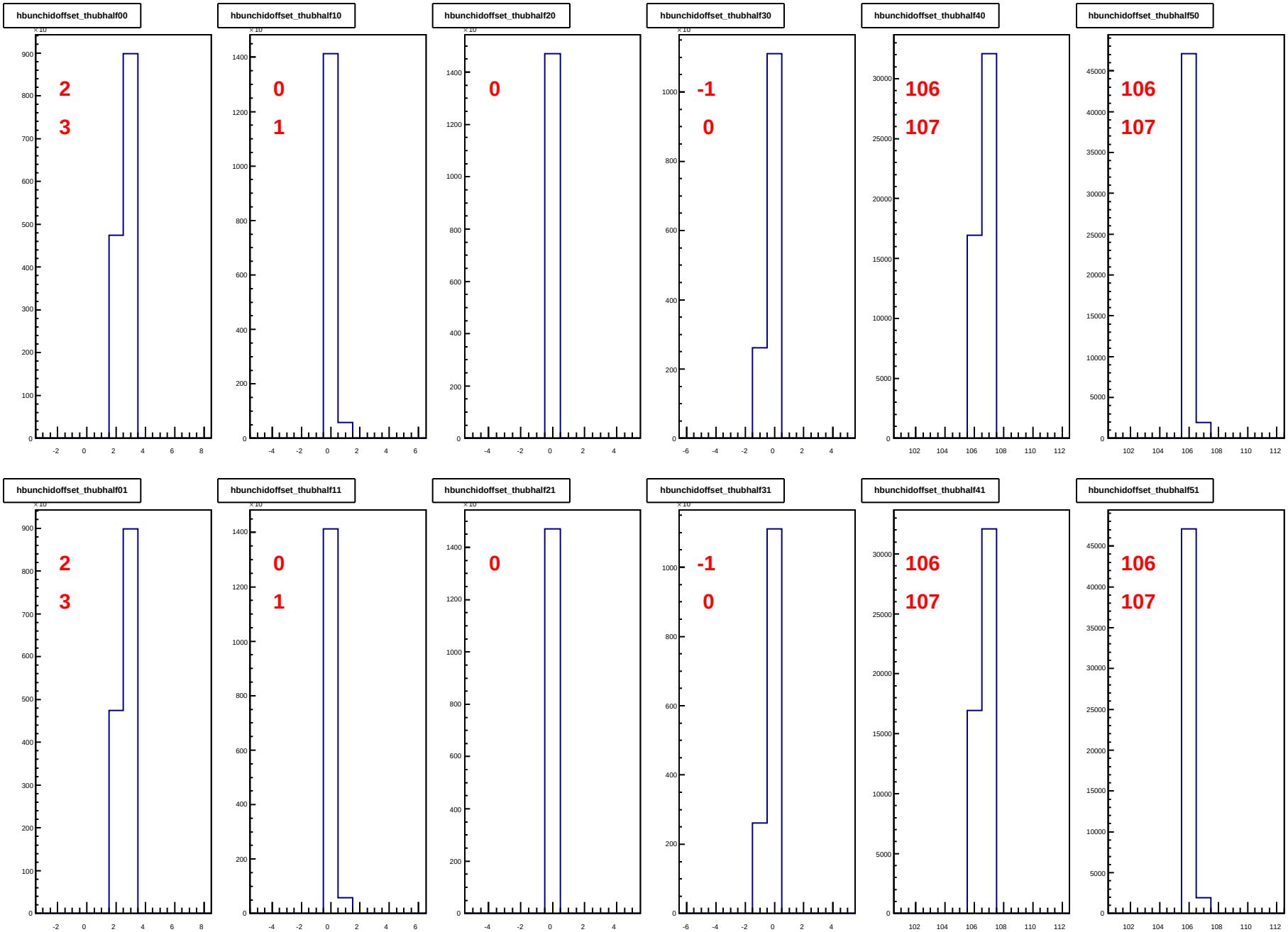

trgdtime, TRAY thub=0
Prob(kept,±1)=39.3%
Prob(kept,0)=33.9%
trgdtime, TRAY thub=1
Prob(kept,±1)=38.7%
Prob(kept,0)=33.3%
trgdtime, TRAY thub=2
Prob(kept,±1)=39.3%
Prob(kept,0)=33.6%
trgdtime, TRAY thub=3
Prob(kept,±1)=38.8%
Prob(kept,0)=33.2%
trgdtime, VPD 121
Prob(kept,±1)=88.7%
Prob(kept,0)=61.4%
trgdtime, VPD 122
Prob(kept,±1)=85.2%
Prob(kept,0)=59.0%

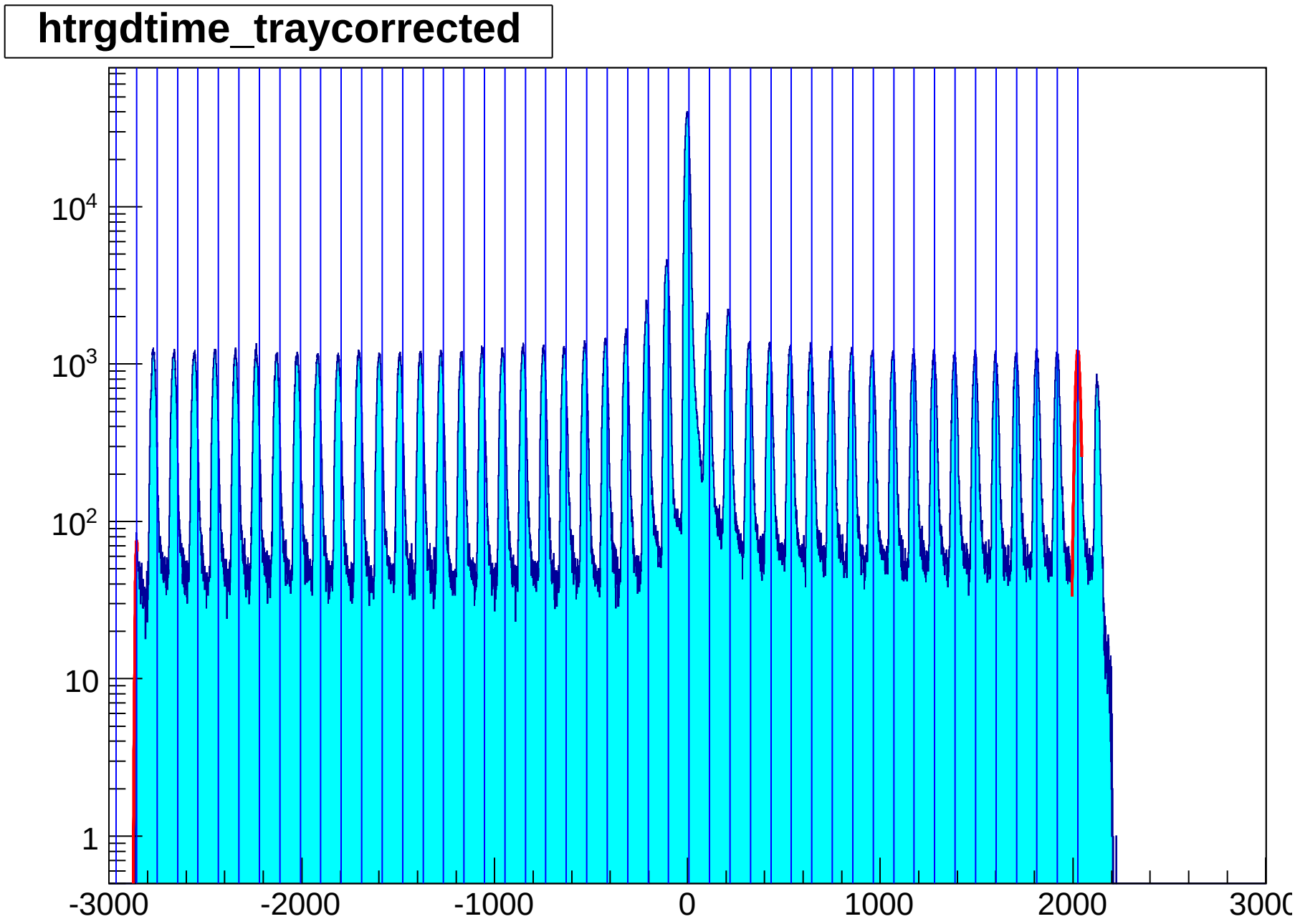

htrgdtime0_bytrig0
RP_SD
htrgdtime0_bytrig1
RP_SDZ
htrgdtime0_bytrig2
RP_SDT
htrgdtime0_bytrig3
RP_RPZMU
htrgdtime0_bytrig4
htrgdtime0_bytrig5
RP_RP2MU
htrgdtime0_bytrig6
htrgdtime0_bytrig7
htrgdtime0_bytrig8
RP_ET
htrgdtime0_bytrig9
RP_CP
htrgdtime0_bytrig10
RP_CPT
htrgdtime0_bytrig11
RP_CPX
htrgdtime0_bytrig12
RP_Zerobias
htrgdtime0_bytrig13
RP_CPT2
htrgdtime0_bytrig14
BHT1*VPDMB-30-nc
htrgdtime0_bytrig15
htrgdtime0_bytrig16
JP2
htrgdtime0_bytrig17
JP2-bsmd
htrgdtime0_bytrig18
AJP
htrgdtime0_bytrig19
EHT0
htrgdtime0_bytrig20
JP1
htrgdtime0_bytrig21
JP2*L2JetHigh
htrgdtime0_bytrig22
EHT0*EJP1*L2Egam
htrgdtime0_bytrig23
BHT2*BJP1*L2Bgam
htrgdtime0_bytrig24
htrgdtime0_bytrig25
VPDMB-5-trgonly
htrgdtime0_bytrig26
VPDMB-5-ssd
htrgdtime0_bytrig27
htrgdtime0_bytrig28
BBCMB
htrgdtime0_bytrig29
htrgdtime0_bytrig30
BHT0*VPDMB-5
htrgdtime0_bytrig31
BHT1*VPDMB-30

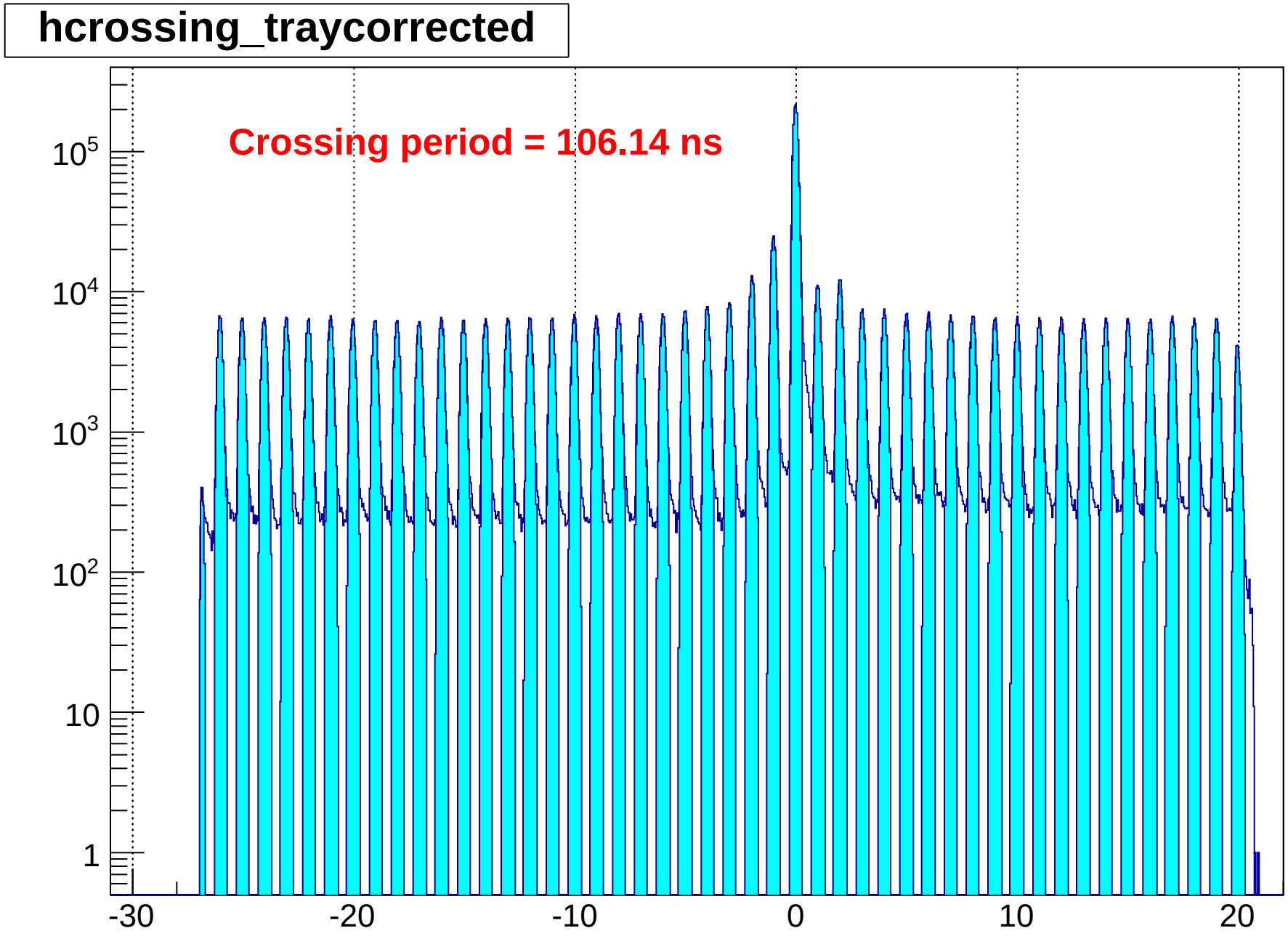

htrgdtime0_bytrig32
BHT0*BBCMB
htrgdtime0_bytrig33
BHT1*BBCMB
htrgdtime0_bytrig34
BHT2*BBCMB
htrgdtime0_bytrig35
htrgdtime0_bytrig36
singlemuon-5
htrgdtime0_bytrig37
emuon-30
htrgdtime0_bytrig38
dimuon
htrgdtime0_bytrig39
bbc-mtdcosmic
htrgdtime0_bytrig40
htrgdtime0_bytrig41
FMS-sm-bs1
htrgdtime0_bytrig42
FMS-sm-bs2
htrgdtime0_bytrig43
FMS-sm-bs3
htrgdtime0_bytrig44
FMS-lg-bs1
htrgdtime0_bytrig45
FMS-lg-bs2
htrgdtime0_bytrig46
FMS-lg-bs3
htrgdtime0_bytrig47
FMS-DIBS
htrgdtime0_bytrig48
FMS-JP2
htrgdtime0_bytrig49
FMS-JP1
htrgdtime0_bytrig50
FMS-JP0
htrgdtime0_bytrig51
FMS-DIJP
htrgdtime0_bytrig52
FMS_RP
htrgdtime0_bytrig53
RMS-LED
htrgdtime0_bytrig54
htrgdtime0_bytrig55
VPDMB-novtx
htrgdtime0_bytrig56
ZDCMB-trgonly
htrgdtime0_bytrig57
VPDMB-30
htrgdtime0_bytrig58
htrgdtime0_bytrig59
htrgdtime0_bytrig60
ZEROBIAS
htrgdtime0_bytrig61
htrgdtime0_bytrig62
htrgdtime0_bytrig63

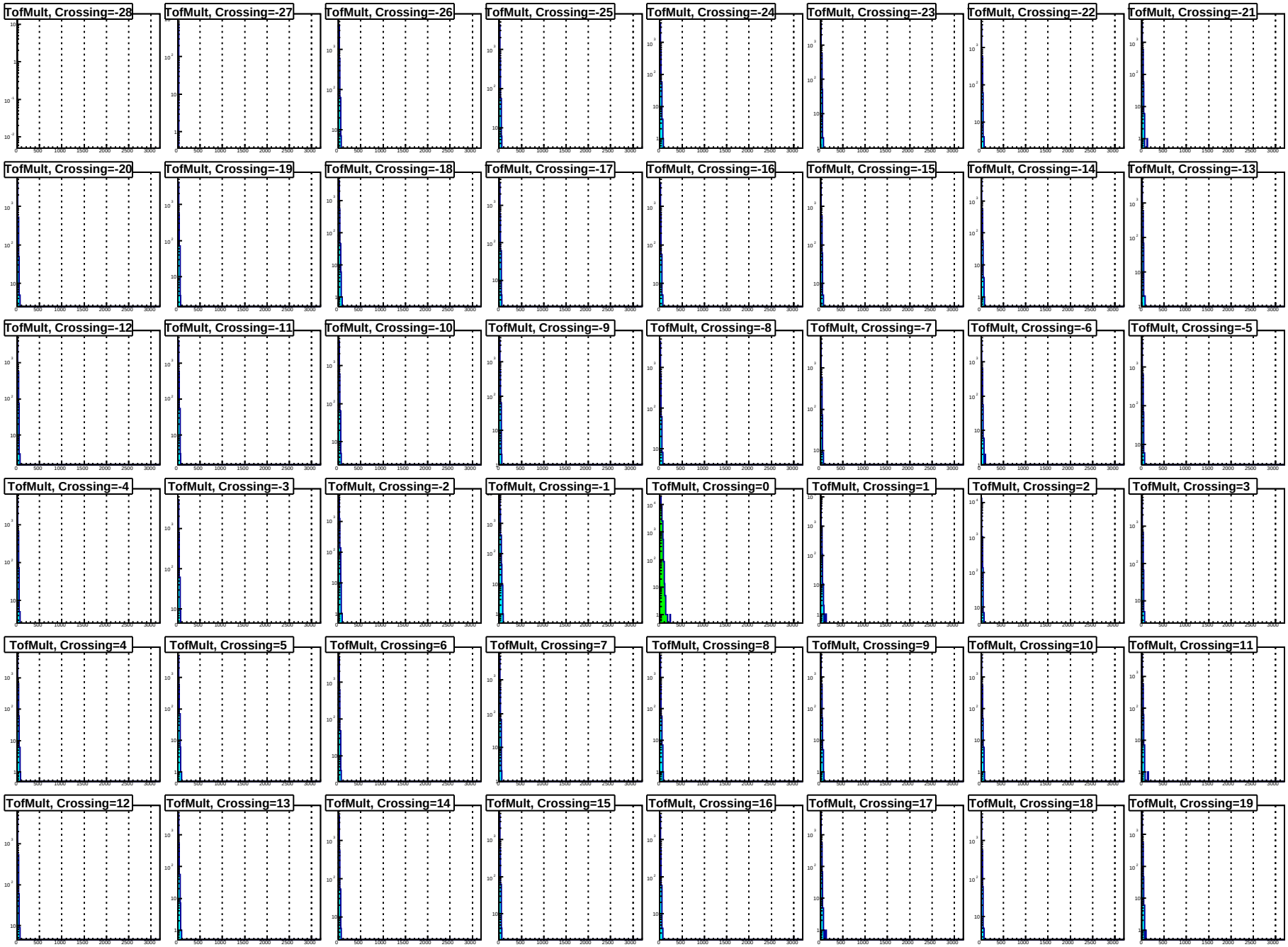

htrgdtime_bytrig40
RP_SD
htrgdtime_bytrig41
RP_SDZ
htrgdtime_bytrig42
RP_SDT
htrgdtime_bytrig43
RP_RPZMU
htrgdtime_bytrig44
htrgdtime_bytrig45
RP_RP2MU
htrgdtime_bytrig46
htrgdtime_bytrig47
htrgdtime_bytrig48
RP_ET
htrgdtime_bytrig49
RP_CP
htrgdtime_bytrig410
RP_CPT
htrgdtime_bytrig411
RP_CPX
htrgdtime_bytrig412
RP_Zerobias
htrgdtime_bytrig413
RP_CPT2
htrgdtime_bytrig414
BHT1*VPDMB-30-nc
htrgdtime_bytrig415
htrgdtime_bytrig416
JP2
htrgdtime_bytrig417
JP2-bsmd
htrgdtime_bytrig418
AJP
htrgdtime_bytrig419
EHT0
htrgdtime_bytrig420
JP1
htrgdtime_bytrig421
JP2*L2JetHigh
htrgdtime_bytrig422
EHT0*EJP1*L2Egam
htrgdtime_bytrig423
BHT2*BJP1*L2Bgam
htrgdtime_bytrig424
htrgdtime_bytrig425
VPDMB-5-trgonly
htrgdtime_bytrig426
VPDMB-5-ssd
htrgdtime_bytrig427
htrgdtime_bytrig428
BBCMB
htrgdtime_bytrig429
htrgdtime_bytrig430
BHT0*VPDMB-5
htrgdtime_bytrig431
BHT1*VPDMB-30

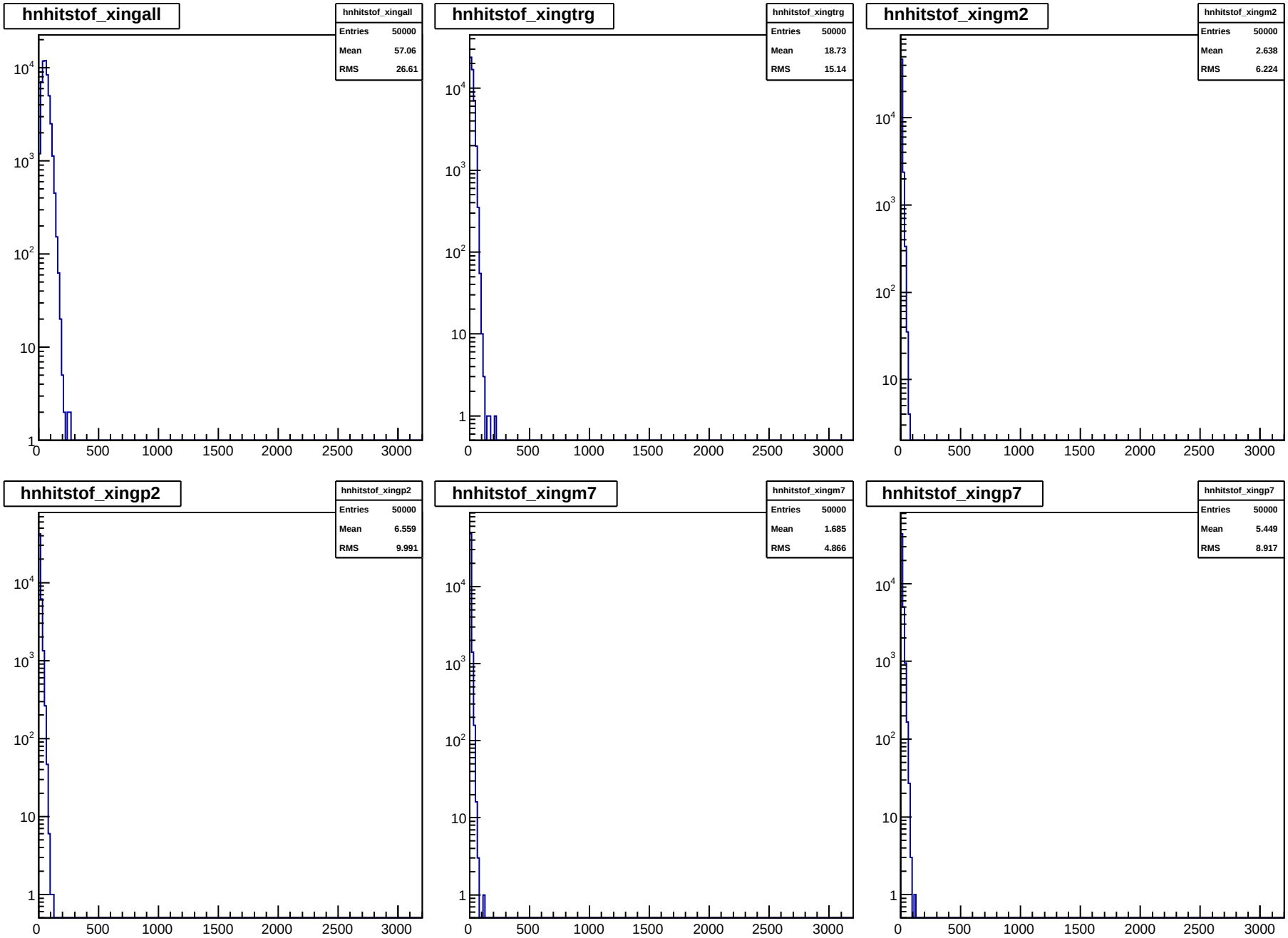

htrgdtime_bytrig432
BHT0*BBCMB
htrgdtime_bytrig433
BHT1*BBCMB
htrgdtime_bytrig434
BHT2*BBCMB
htrgdtime_bytrig435
htrgdtime_bytrig436
singlemuon-5
htrgdtime_bytrig437
emuon-30
htrgdtime_bytrig438
dimuon
htrgdtime_bytrig439
bbc-mtdcosmic
htrgdtime_bytrig440
htrgdtime_bytrig441
FMS-sm-bs1
htrgdtime_bytrig442
FMS-sm-bs2
htrgdtime_bytrig443
FMS-sm-bs3
htrgdtime_bytrig444
FMS-lg-bs1
htrgdtime_bytrig445
FMS-lg-bs2
htrgdtime_bytrig446
FMS-lg-bs3
htrgdtime_bytrig447
FMS-DIBS
htrgdtime_bytrig448
FMS-JP2
htrgdtime_bytrig449
FMS-JP1
htrgdtime_bytrig450
FMS-JP0
htrgdtime_bytrig451
FMS-DIJP
htrgdtime_bytrig452
FMS_RP
htrgdtime_bytrig453
RMS-LED
htrgdtime_bytrig454
htrgdtime_bytrig455
VPDMB-novtx
htrgdtime_bytrig456
ZDCMB-trgonly
htrgdtime_bytrig457
VPDMB-30
htrgdtime_bytrig458
htrgdtime_bytrig459
htrgdtime_bytrig460
ZEROBIAS
htrgdtime_bytrig461
htrgdtime_bytrig462
htrgdtime_bytrig463

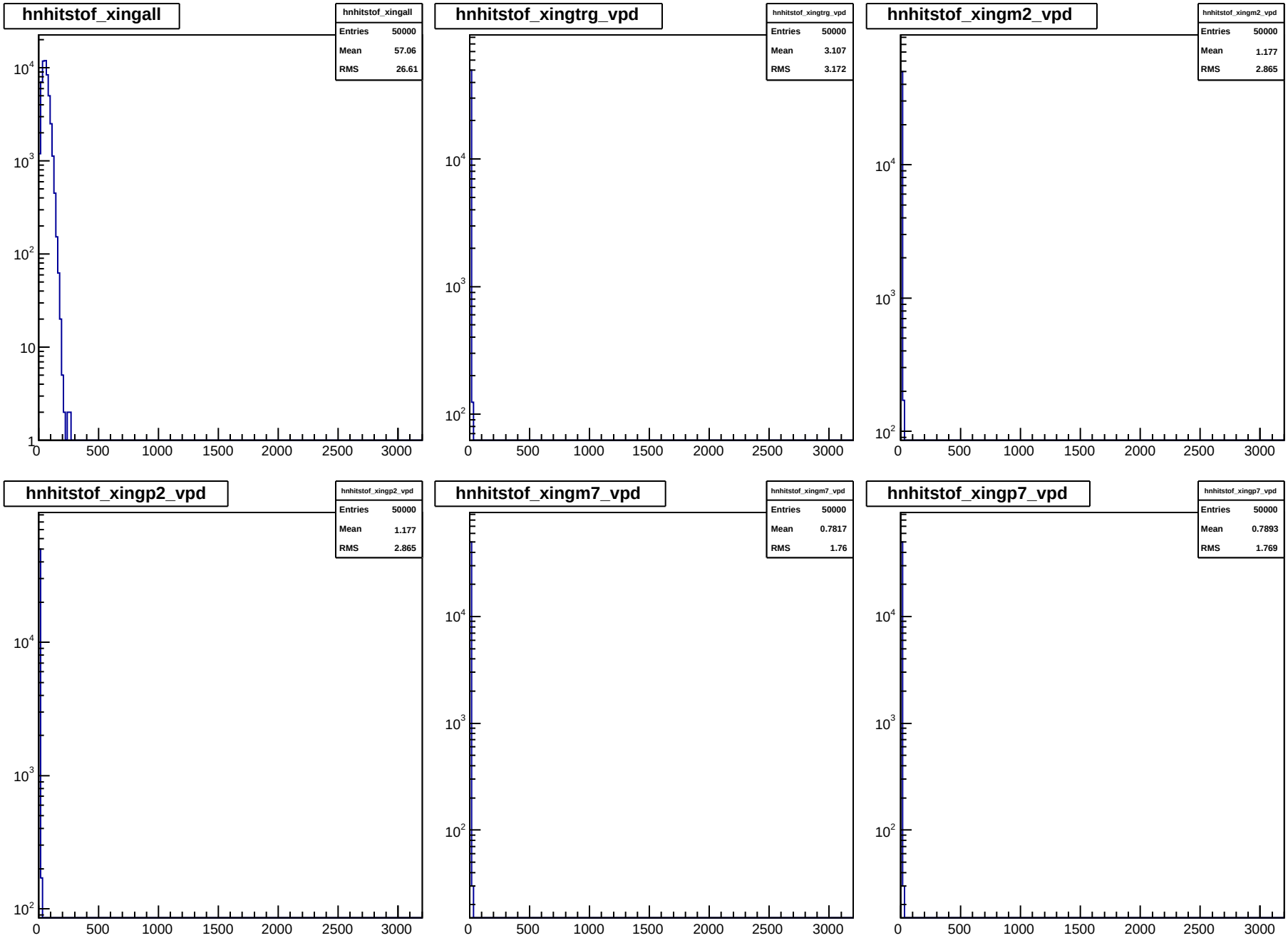

hbunchidoffset_thubhalf00
2
3
hbunchidoffset_thubhalf10
0
1
hbunchidoffset_thubhalf20
0
hbunchidoffset_thubhalf30
-1
0
hbunchidoffset_thubhalf40
106
107
hbunchidoffset_thubhalf50
106
107
hbunchidoffset_thubhalf01
2
3
hbunchidoffset_thubhalf11
0
1
hbunchidoffset_thubhalf21
0
hbunchidoffset_thubhalf31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

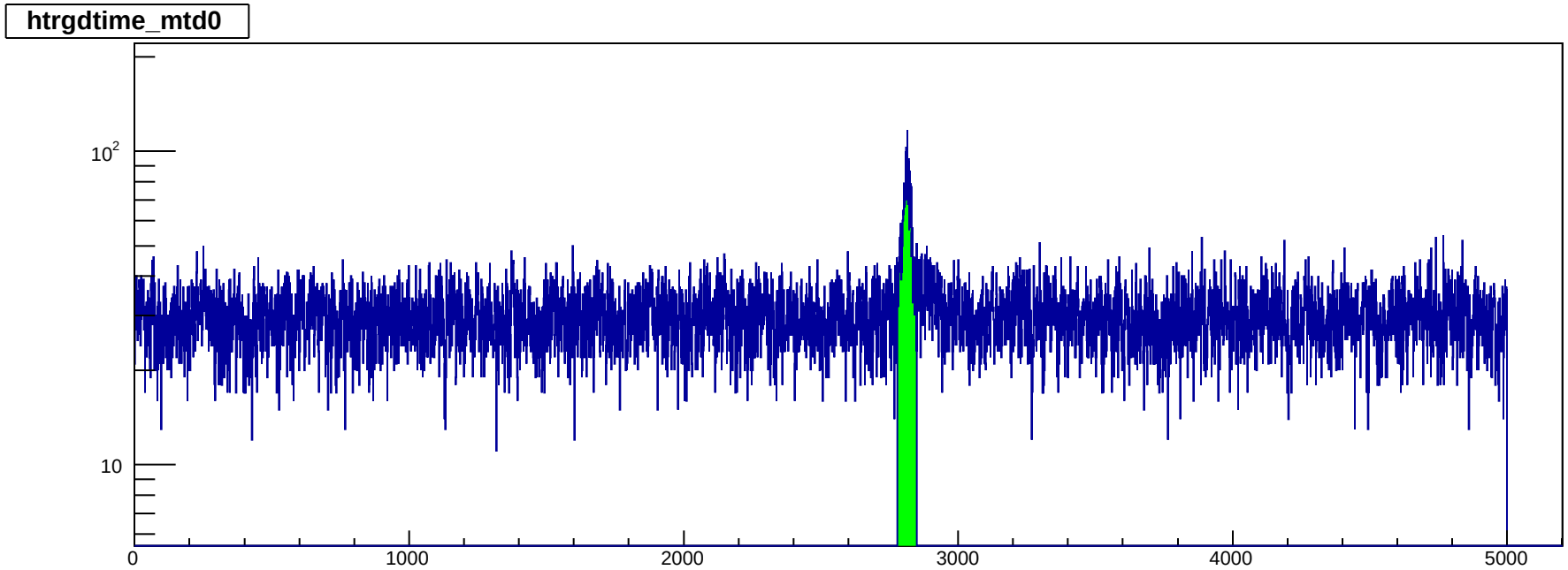

hcrossing_traycorrected
Crossing period = 106.14 ns
10^5
10^4
10^3
10^2
10
1
-30
-20
-10
0
10
20

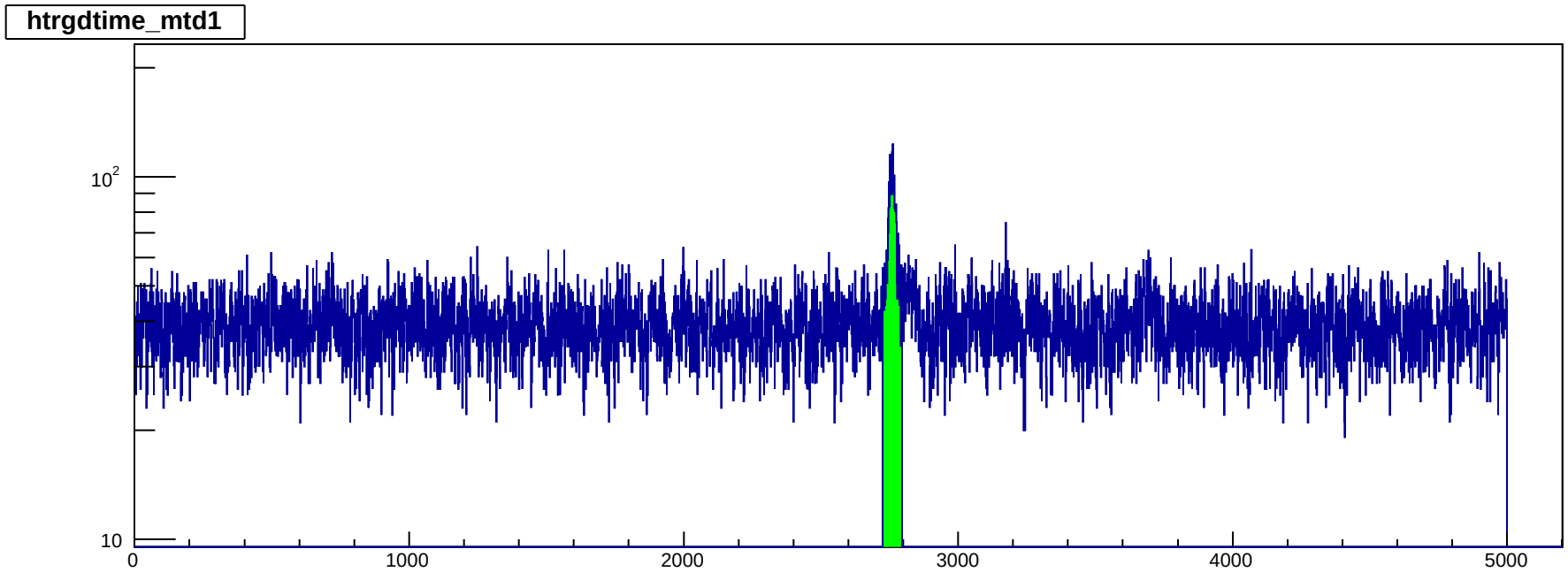

TofMult, Crossing=-28
TofMult, Crossing=-27
TofMult, Crossing=-26
TofMult, Crossing=-25
TofMult, Crossing=-24
TofMult, Crossing=-23
TofMult, Crossing=-22
TofMult, Crossing=-21
TofMult, Crossing=-20
TofMult, Crossing=-19
TofMult, Crossing=-18
TofMult, Crossing=-17
TofMult, Crossing=-16
TofMult, Crossing=-15
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
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

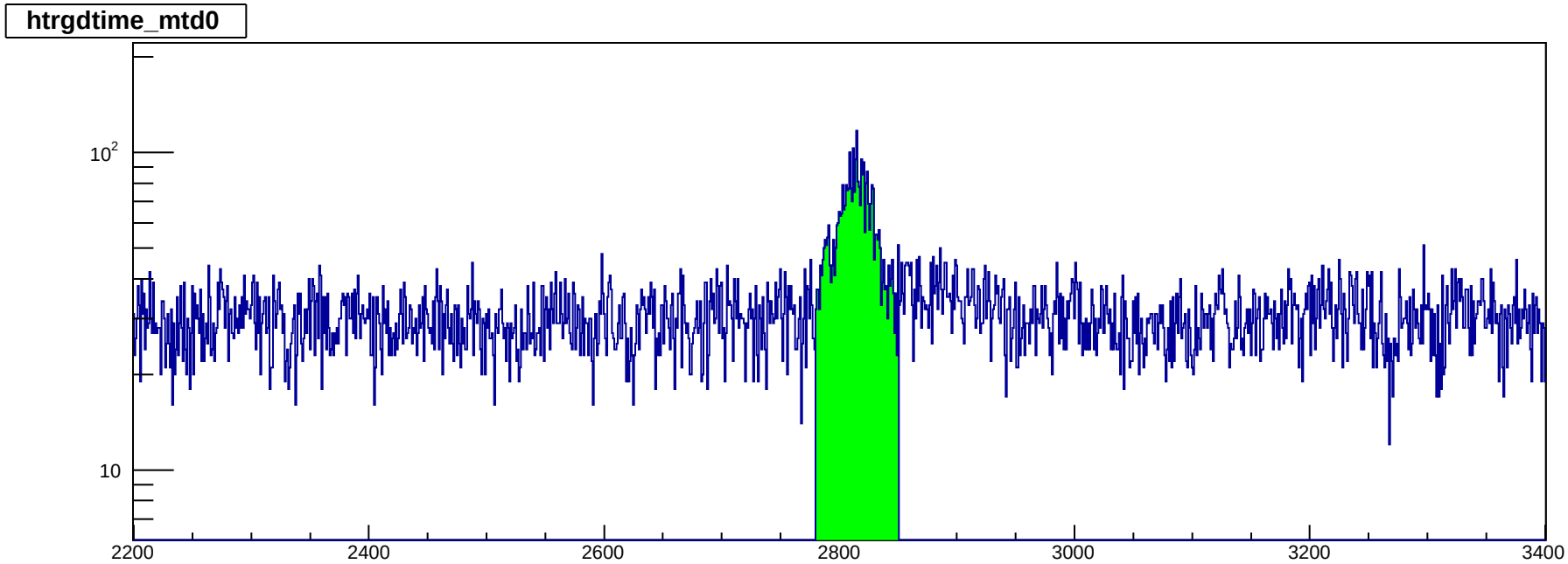

hnhitstof_xingall
hnhitstof_xingall
Entries 50000
Mean 57.06
RMS 26.61
hnhitstof_xingtrg
hnhitstof_xingtrg
Entries 50000
Mean 18.73
RMS 15.14
hnhitstof_xingm2
hnhitstof_xingm2
Entries 50000
Mean 2.638
RMS 6.224
hnhitstof_xingp2
hnhitstof_xingp2
Entries 50000
Mean 6.559
RMS 9.991
hnhitstof_xingm7
hnhitstof_xingm7
Entries 50000
Mean 1.685
RMS 4.866
hnhitstof_xingp7
hnhitstof_xingp7
Entries 50000
Mean 5.449
RMS 8.917

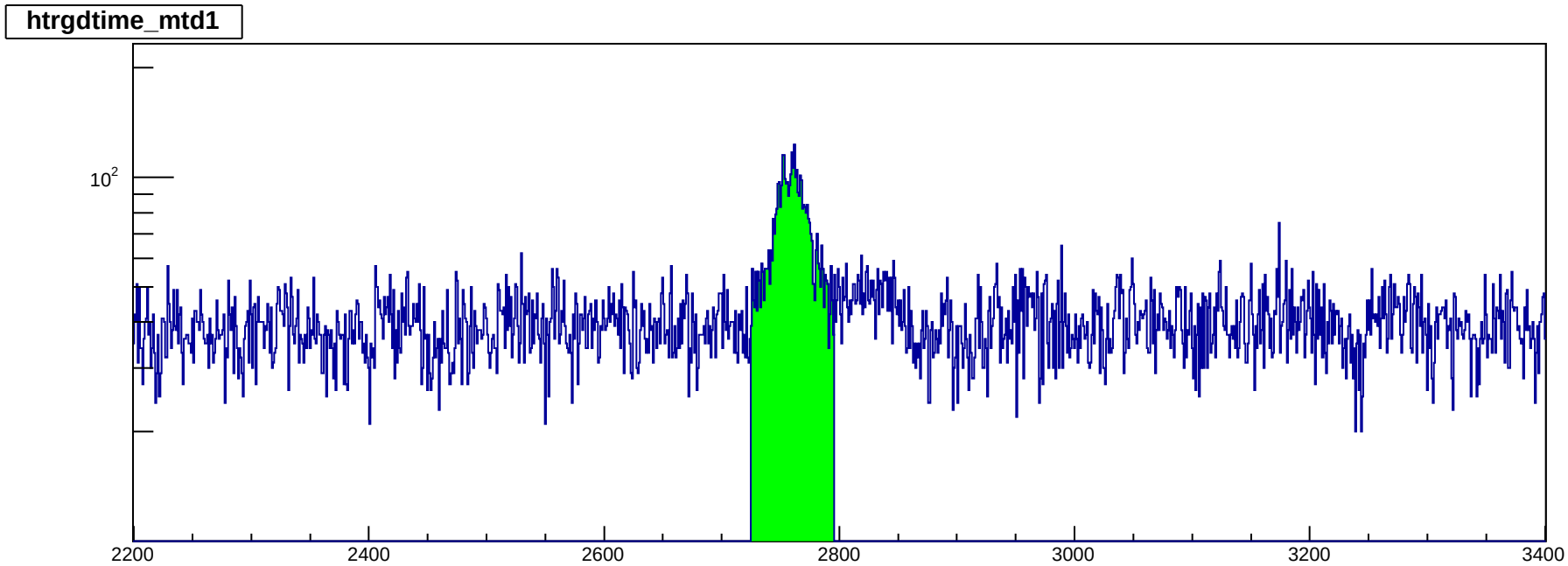

hnhitstof_xingall
hnhitstof_xingall
Entries 50000
Mean 57.06
RMS 26.61
hnhitstof_xingtrg_vpd
hnhitstof_xingtrg_vpd
Entries 50000
Mean 3.107
RMS 3.172
hnhitstof_xingm2_vpd
hnhitstof_xingm2_vpd
Entries 50000
Mean 1.177
RMS 2.865
hnhitstof_xingp2_vpd
hnhitstof_xingp2_vpd
Entries 50000
Mean 1.177
RMS 2.865
hnhitstof_xingm7_vpd
hnhitstof_xingm7_vpd
Entries 50000
Mean 0.7817
RMS 1.76
hnhitstof_xingp7_vpd
hnhitstof_xingp7_vpd
Entries 50000
Mean 0.7893
RMS 1.769

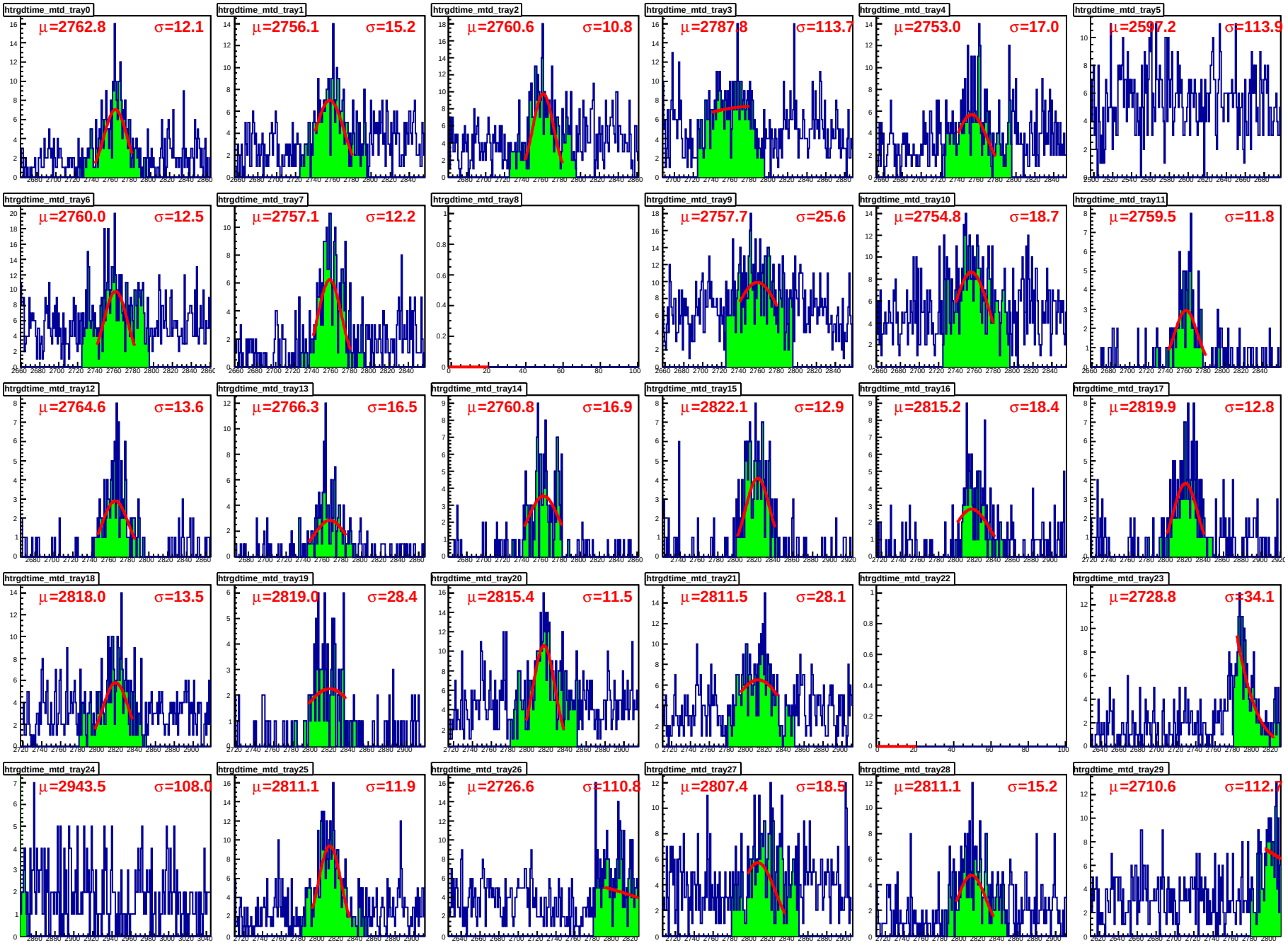
hnhits_prec_bytrig0
RP_SD
hnhits_prec_bytrig1
RP_SDZ
hnhits_prec_bytrig2
RP_SDT
hnhits_prec_bytrig3
RP_RPZMU
hnhits_prec_bytrig4
hnhits_prec_bytrig5
RP_RP2MU
hnhits_prec_bytrig6
hnhits_prec_bytrig7
hnhits_prec_bytrig8
RP_ET
hnhits_prec_bytrig9
RP_CP
hnhits_prec_bytrig10
RP_CPT
hnhits_prec_bytrig11
RP_CPX
hnhits_prec_bytrig12
RP_Zerobias
hnhits_prec_bytrig13
RP_CPT2
hnhits_prec_bytrig14
BHT1*VPDMB-30-nobs
hnhits_prec_bytrig15
hnhits_prec_bytrig16
JP2
hnhits_prec_bytrig17
JP2-bsmd
hnhits_prec_bytrig18
AJP
hnhits_prec_bytrig19
EHT0
hnhits_prec_bytrig20
JP1
hnhits_prec_bytrig21
JP2*L2JetHigh
hnhits_prec_bytrig22
EHT0*EJP1*L2Egamma
hnhits_prec_bytrig23
BHT2*BJP1*L2Bgamma
hnhits_prec_bytrig24
hnhits_prec_bytrig25
VPDMB-5-trgonly
hnhits_prec_bytrig26
VPDMB-5-ssd
hnhits_prec_bytrig27
hnhits_prec_bytrig28
BBCMB
hnhits_prec_bytrig29
hnhits_prec_bytrig30
BHT0*VPDMB-5
hnhits_prec_bytrig47
FMS-DIBS

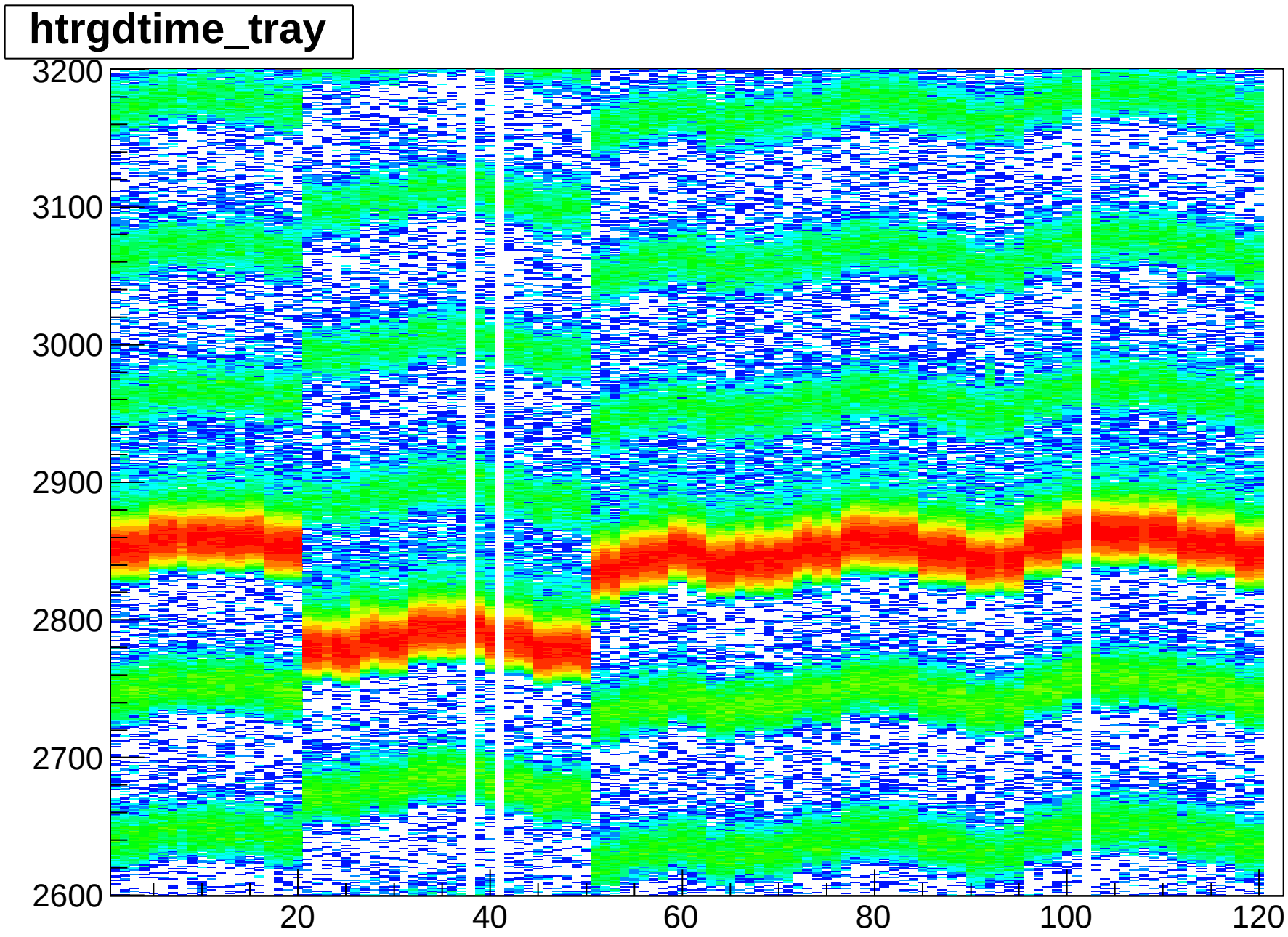

htrgdtime_mtd0
10^2
10
0
1000
2000
3000
4000
5000

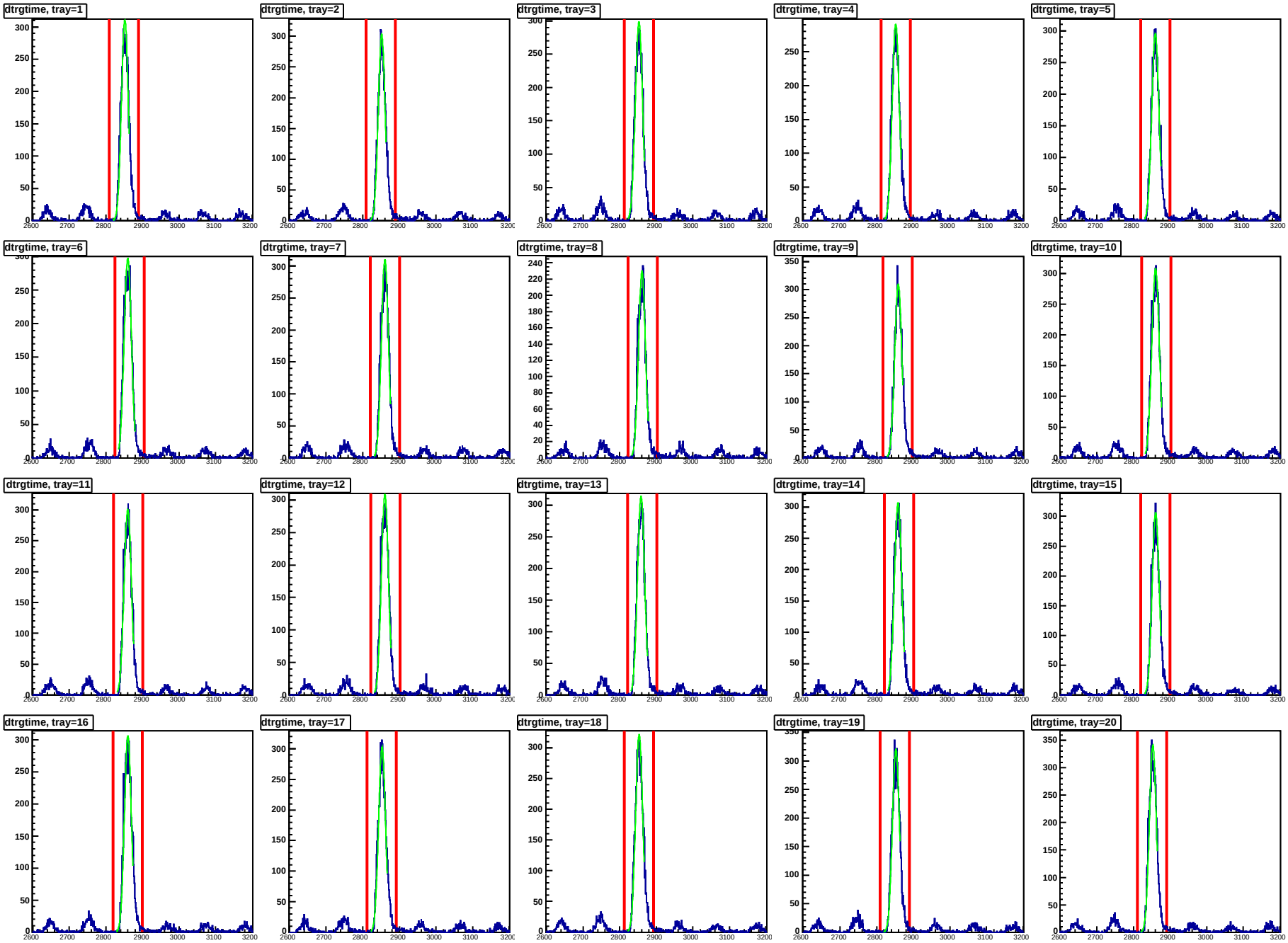

htrgdtime_mtd1
10^2
10
0
1000
2000
3000
4000
5000


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


htrgdtime_mtd1
10^2
2200
2400
2600
2800
3000
3200
3400


htrgdtime_mtd_tray0
μ=2762.8 σ=12.1
htrgdtime_mtd_tray1
μ=2756.1 σ=15.2
htrgdtime_mtd_tray2
μ=2760.6 σ=10.8
htrgdtime_mtd_tray3
μ=2787.8 σ=113.7
htrgdtime_mtd_tray4
μ=2753.0 σ=17.0
htrgdtime_mtd_tray5
μ=2597.2 σ=113.9
htrgdtime_mtd_tray6
μ=2760.0 σ=12.5
htrgdtime_mtd_tray7
μ=2757.1 σ=12.2
htrgdtime_mtd_tray8
htrgdtime_mtd_tray9
μ=2757.7 σ=25.6
htrgdtime_mtd_tray10
μ=2754.8 σ=18.7
htrgdtime_mtd_tray11
μ=2759.5 σ=11.8
htrgdtime_mtd_tray12
μ=2764.6 σ=13.6
htrgdtime_mtd_tray13
μ=2766.3 σ=16.5
htrgdtime_mtd_tray14
μ=2760.8 σ=16.9
htrgdtime_mtd_tray15
μ=2822.1 σ=12.9
htrgdtime_mtd_tray16
μ=2815.2 σ=18.4
htrgdtime_mtd_tray17
μ=2819.9 σ=12.8
htrgdtime_mtd_tray18
μ=2818.0 σ=13.5
htrgdtime_mtd_tray19
μ=2819.0 σ=28.4
htrgdtime_mtd_tray20
μ=2815.4 σ=11.5
htrgdtime_mtd_tray21
μ=2811.5 σ=28.1
htrgdtime_mtd_tray22
htrgdtime_mtd_tray23
μ=2728.8 σ=34.1
htrgdtime_mtd_tray24
μ=2943.5 σ=108.0
htrgdtime_mtd_tray25
μ=2811.1 σ=11.9
htrgdtime_mtd_tray26
μ=2726.6 σ=110.8
htrgdtime_mtd_tray27
μ=2807.4 σ=18.5
htrgdtime_mtd_tray28
μ=2811.1 σ=15.2
htrgdtime_mtd_tray29
μ=2710.6 σ=112.7


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
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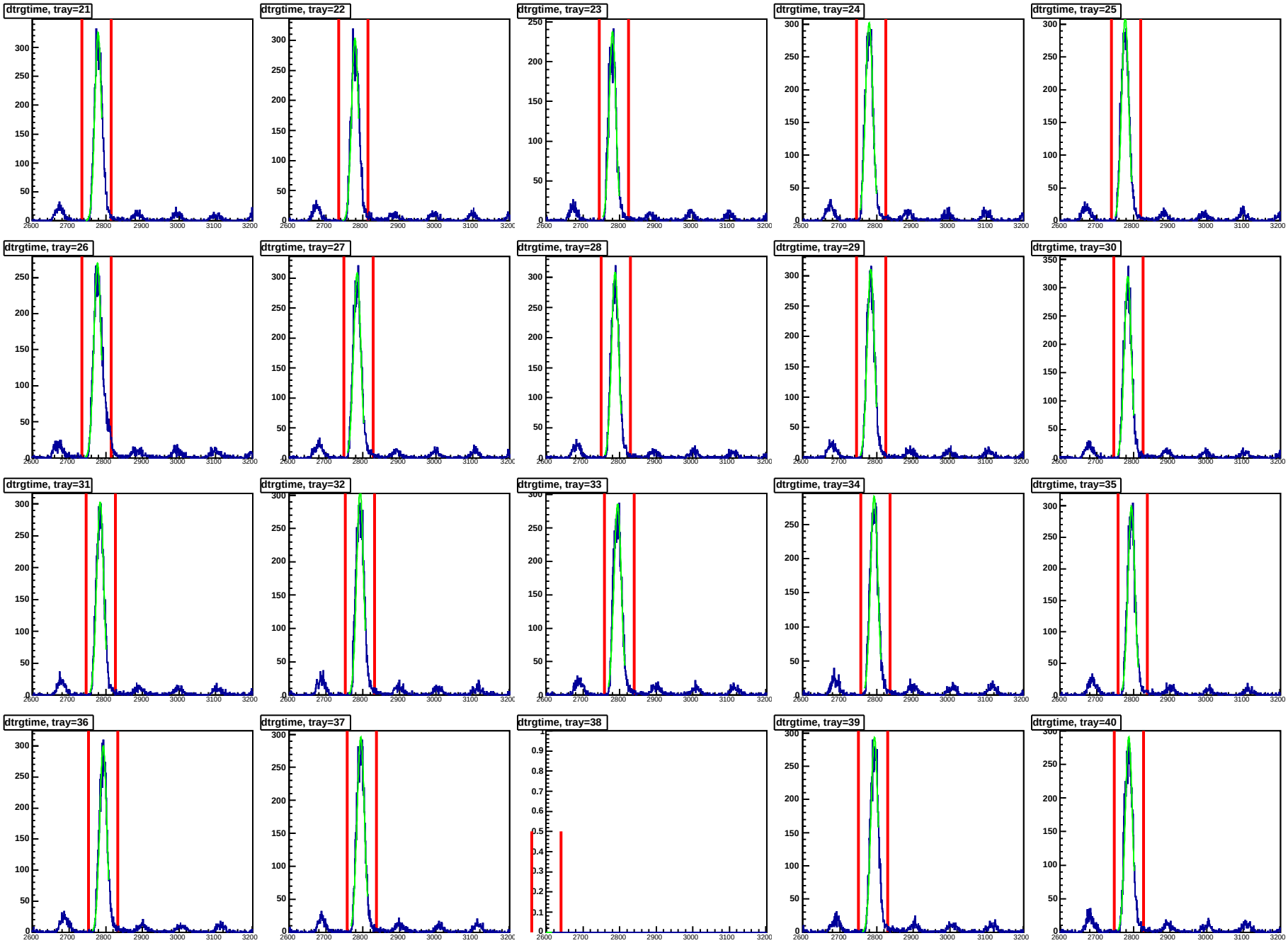
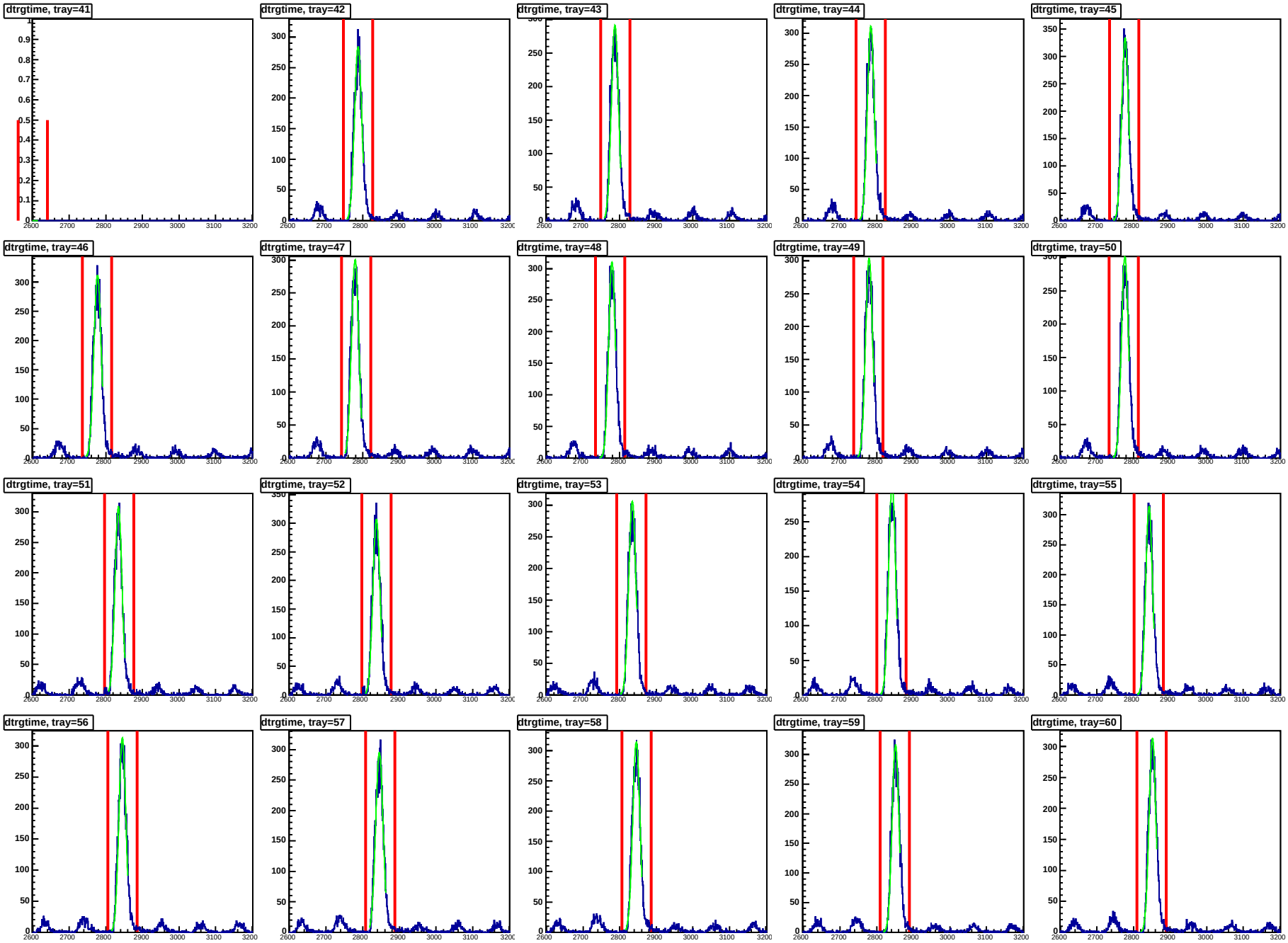
dtrgtime, tray=17
dtrgtime, tray=18
dtrgtime, tray=19
dtrgtime, tray=20


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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dtrgtime, tray=42
dtrgtime, tray=43
dtrgtime, tray=44
dtrgtime, tray=45
dtrgtime, tray=46
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dtrgtime, tray=48
dtrgtime, tray=49
dtrgtime, tray=50
dtrgtime, tray=51
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dtrgtime, tray=53
dtrgtime, tray=54
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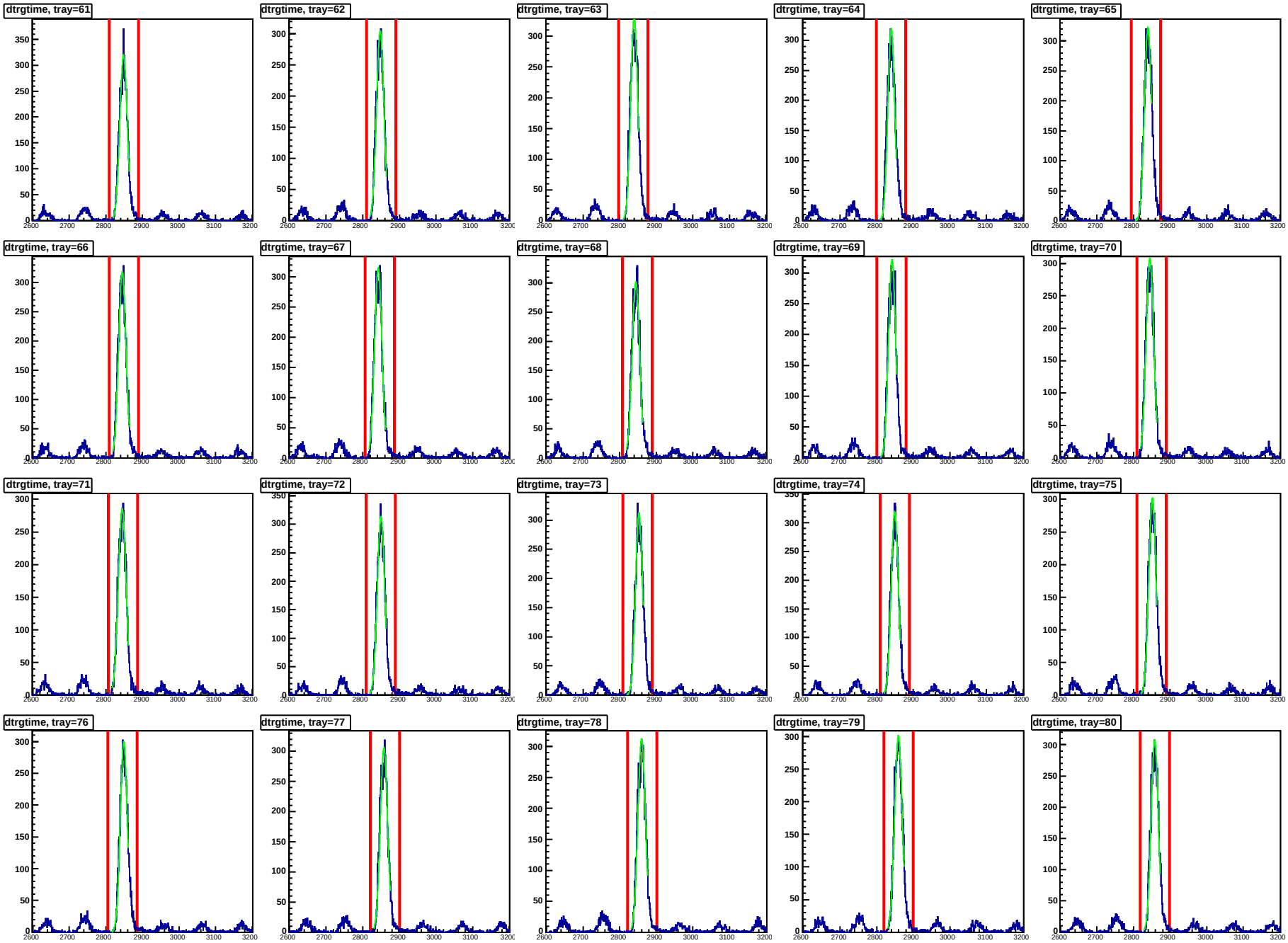
dtrgtime, tray=59
dtrgtime, tray=60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dtrgtime, tray=62
dtrgtime, tray=63
dtrgtime, tray=64
dtrgtime, tray=65
dtrgtime, tray=66
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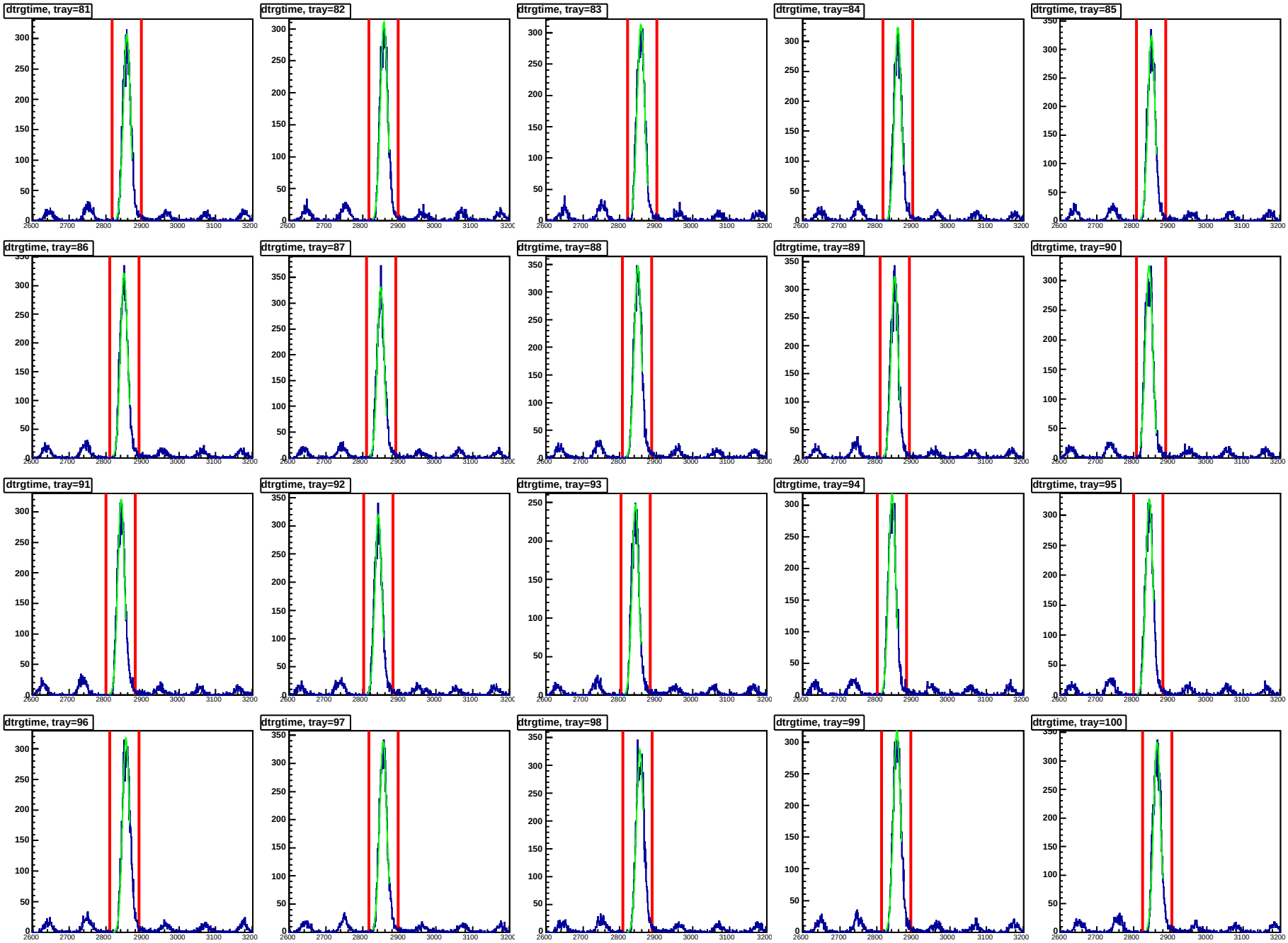
dtrgtime, tray=80


dtrgtime, tray=81
dtrgtime, tray=82
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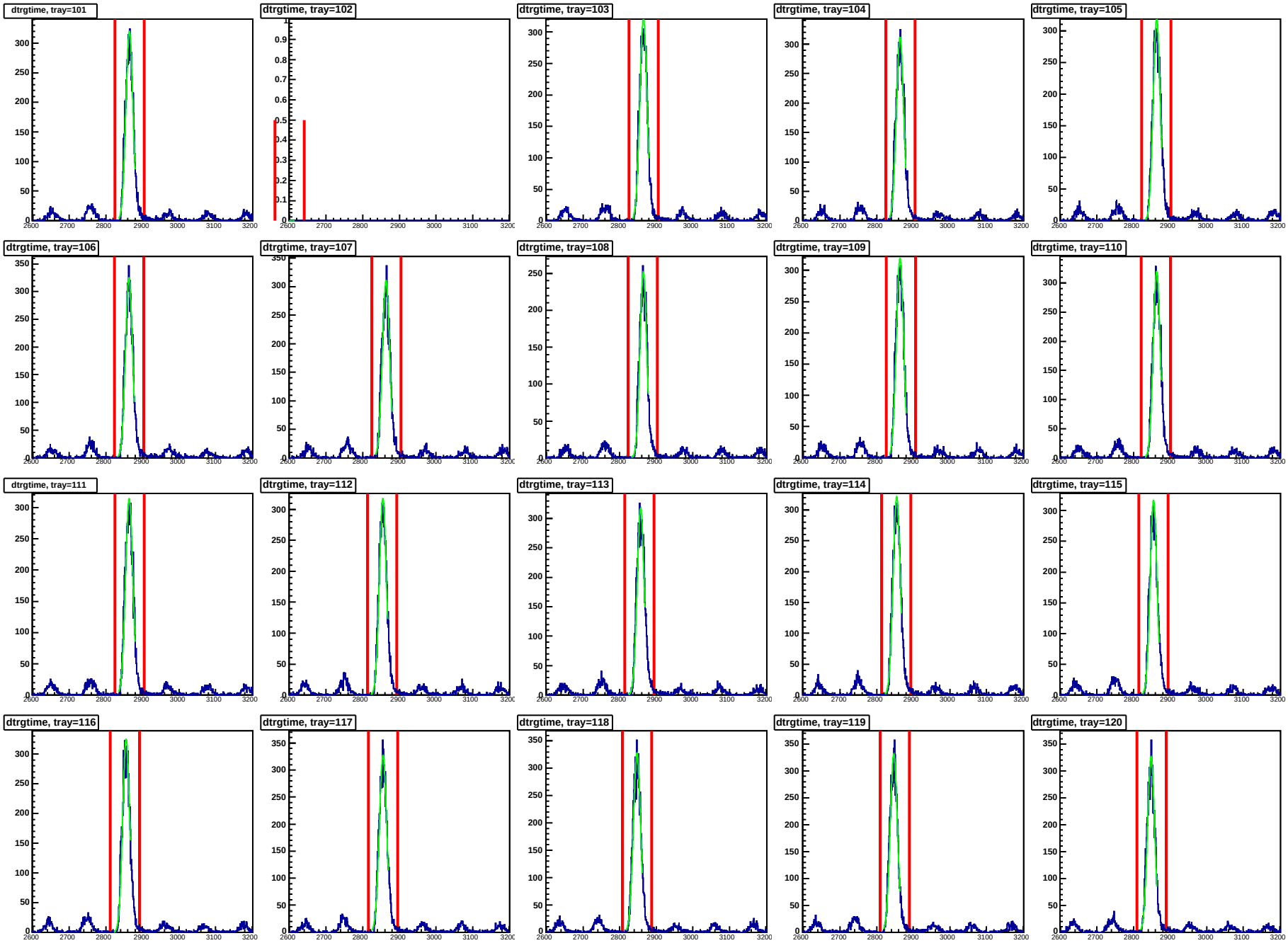
dtrgtime, tray=100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dtrgtime, tray=103
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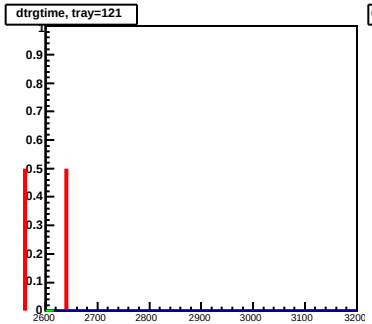
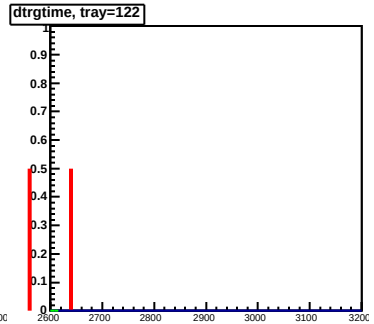
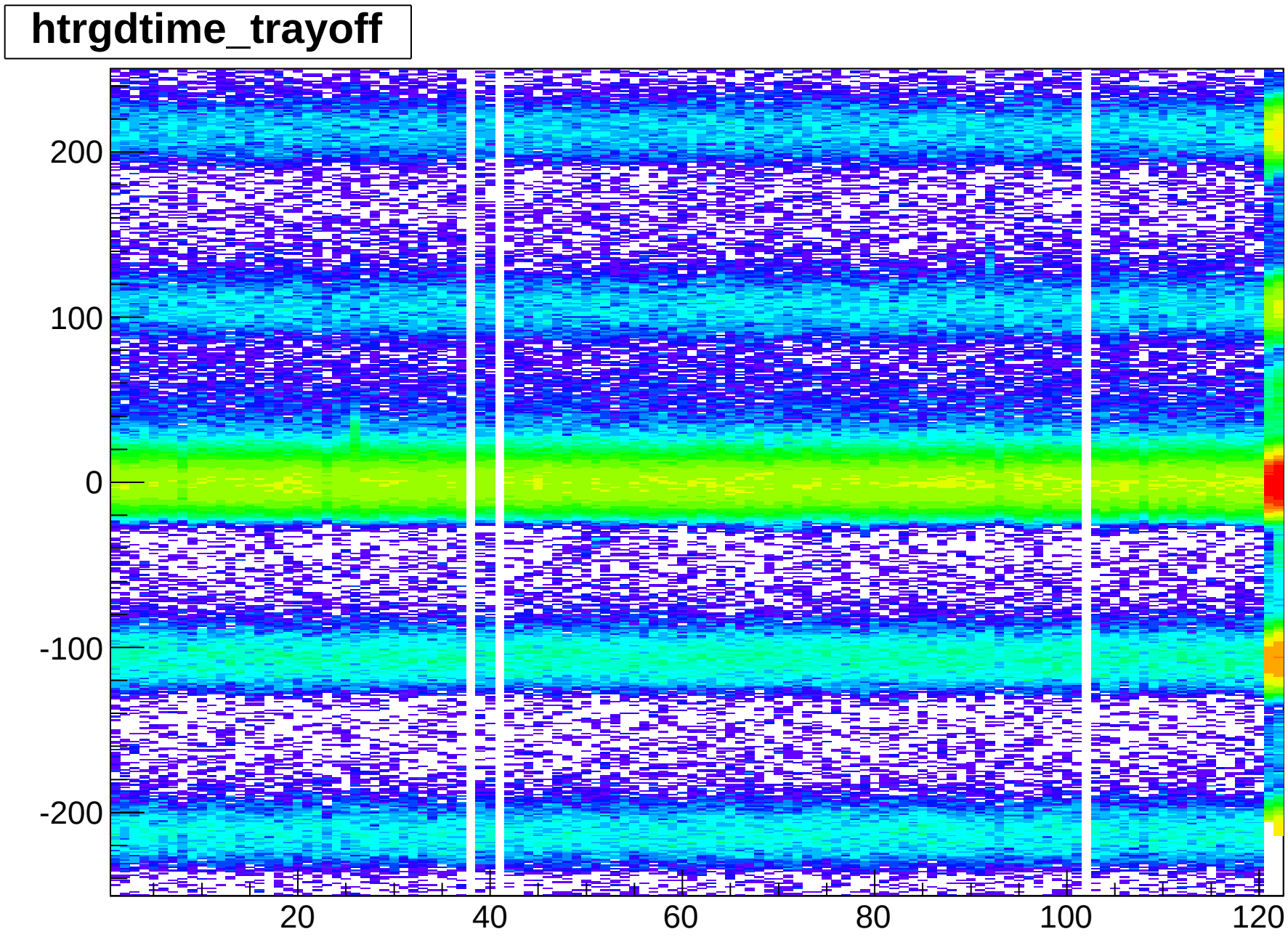
dtrgtime, tray=112
dtrgtime, tray=113
dtrgtime, tray=114
dtrgtime, tray=115
dtrgtime, tray=116
dtrgtime, tray=117
dtrgtime, tray=118
dtrgtime, tray=119
dtrgtime, tray=120


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