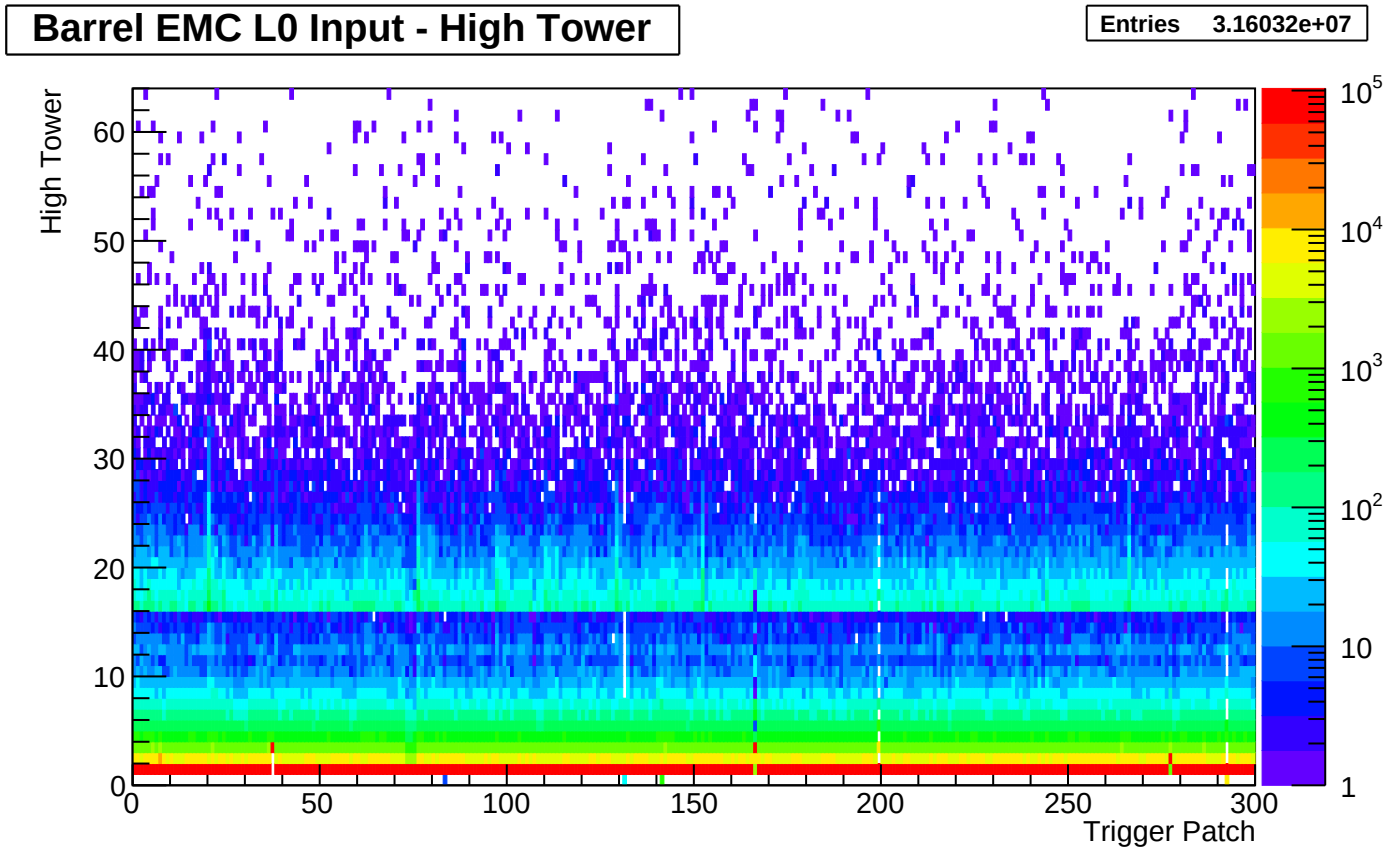
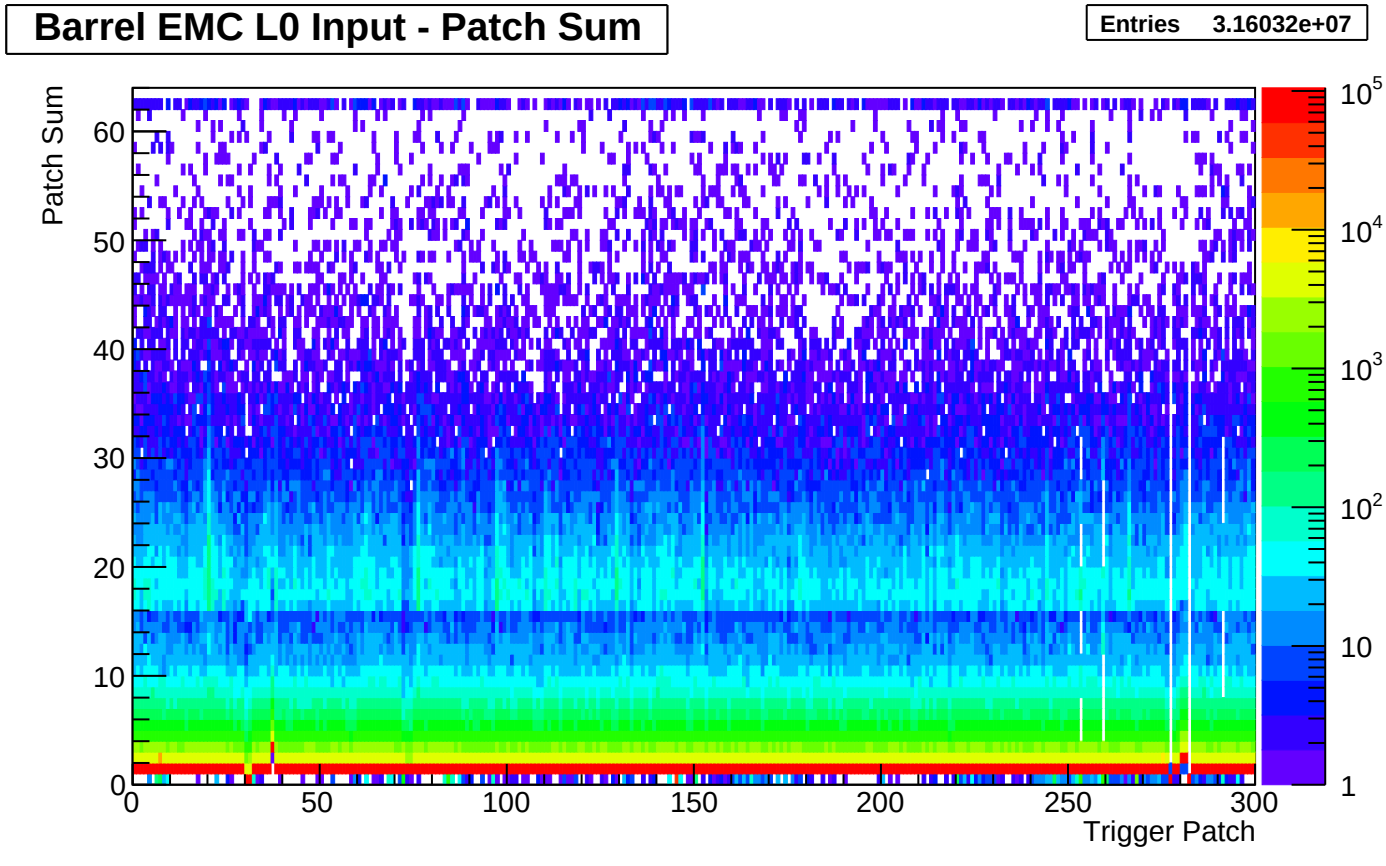
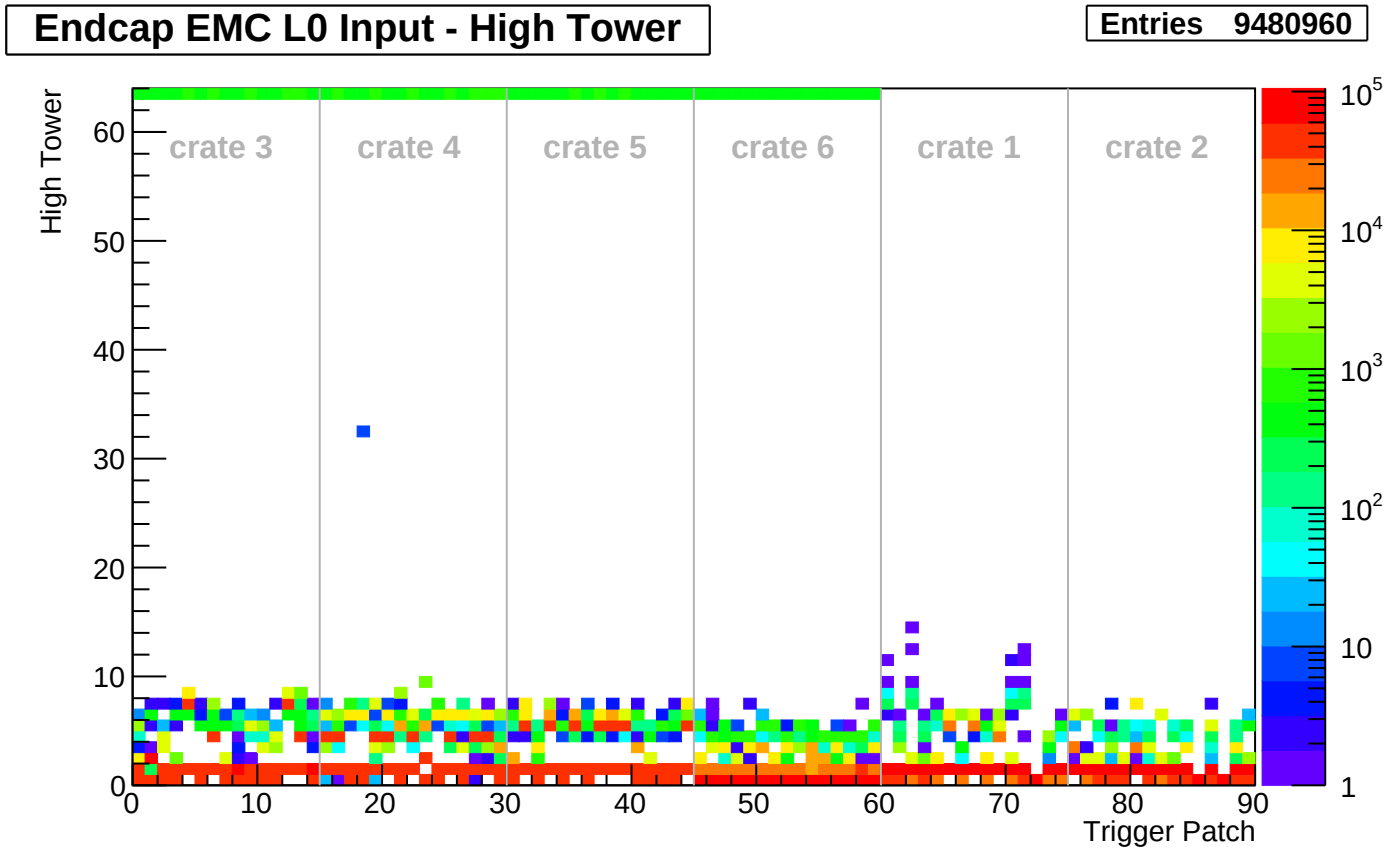
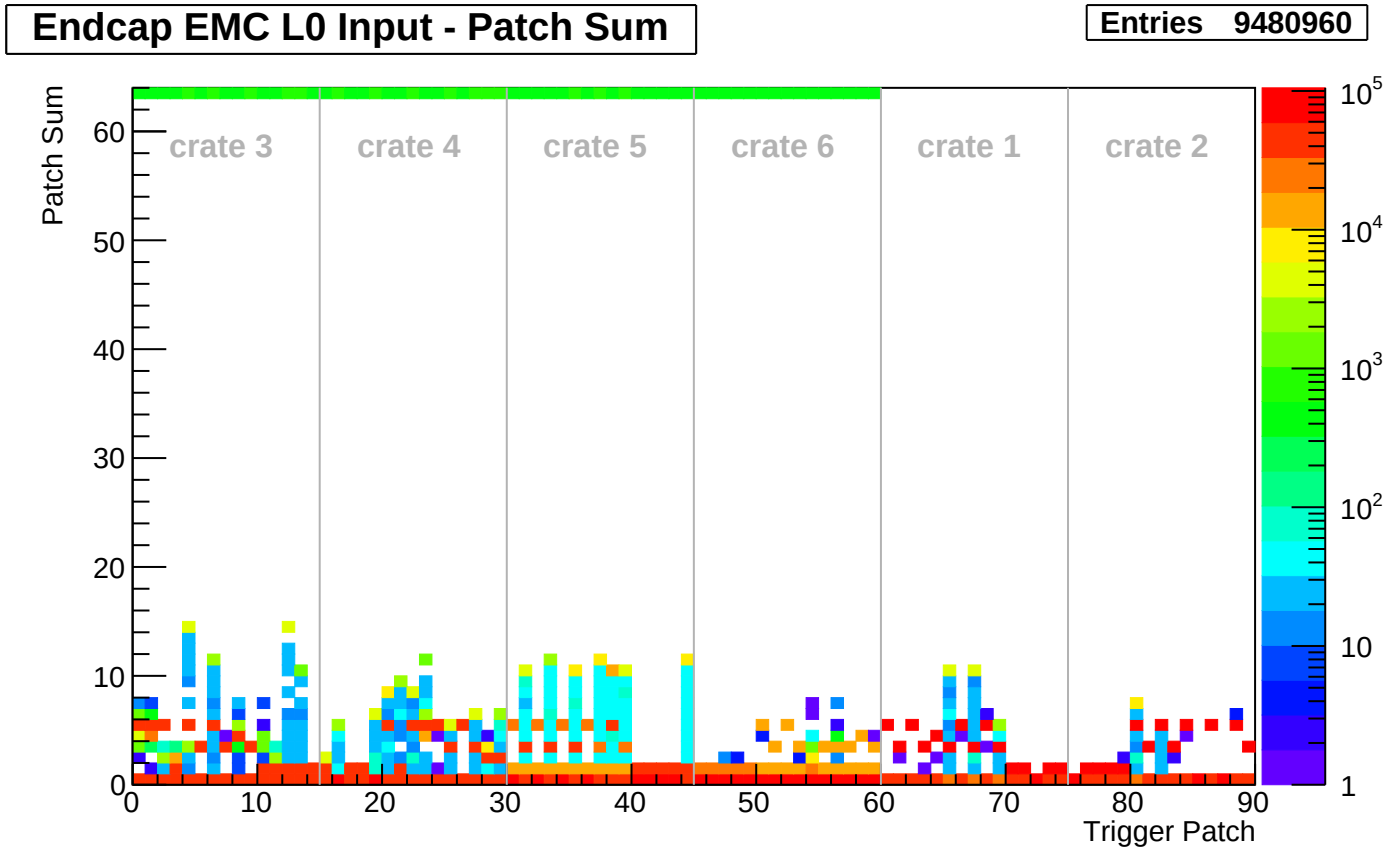
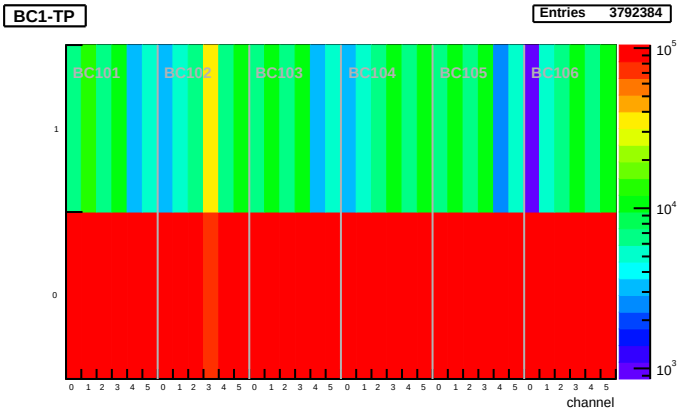
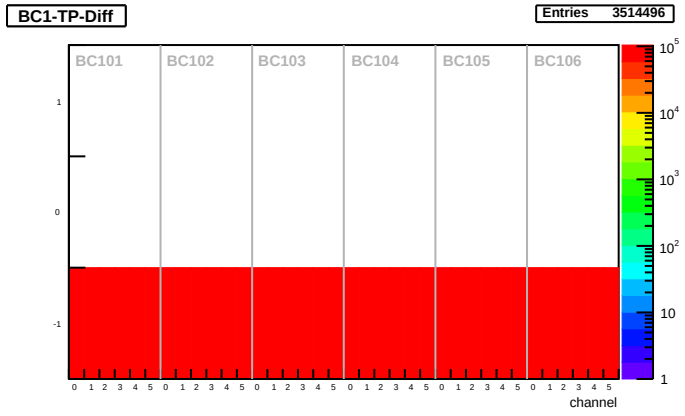

Barrel EMC L0 Input - High Tower
Entries 3.16032e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

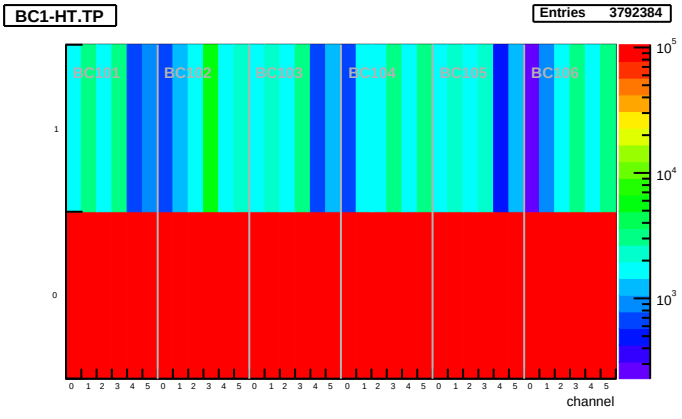

Barrel EMC L0 Input - Patch Sum
Entries 3.16032e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

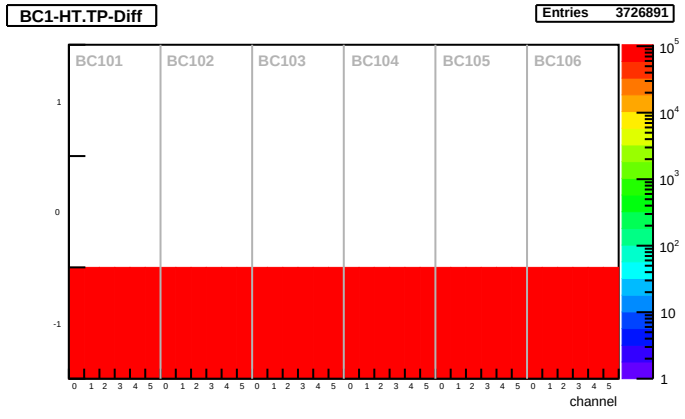

Endcap EMC L0 Input - High Tower
Entries 9480960
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

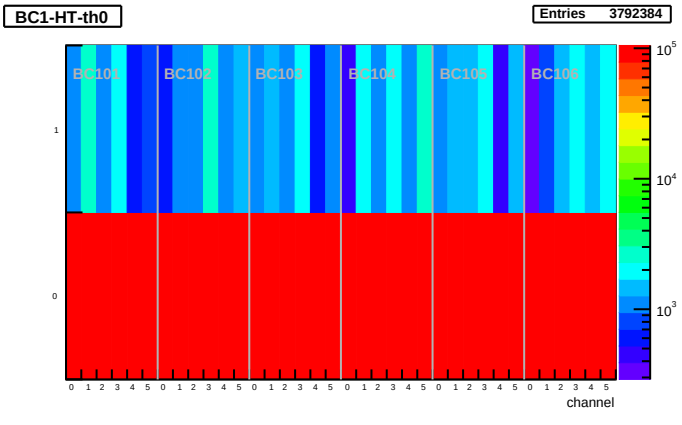

Endcap EMC L0 Input - Patch Sum
Entries 9480960
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

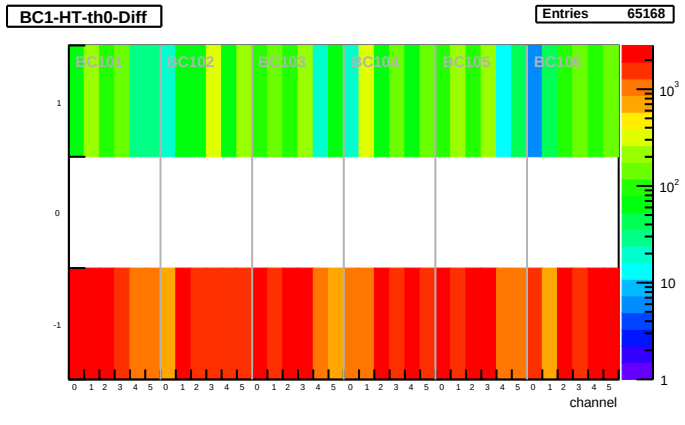

BC1-TP
Entries 3792384
BC101
BC102
BC103
BC104
BC105
BC106
channel

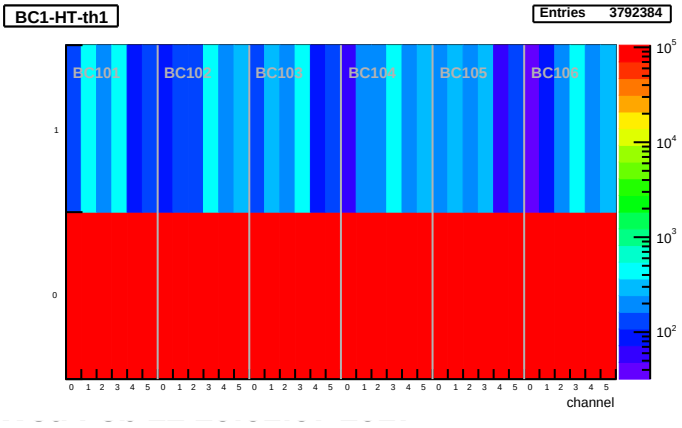

BC1-TP-Diff
Entries 3514496
BC101
BC102
BC103
BC104
BC105
BC106
channel

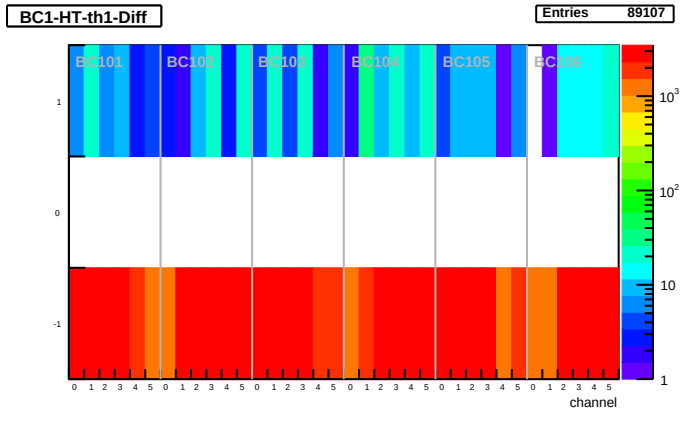

BC1-HT.TP
Entries 3792384
BC101
BC102
BC103
BC104
BC105
BC106
channel

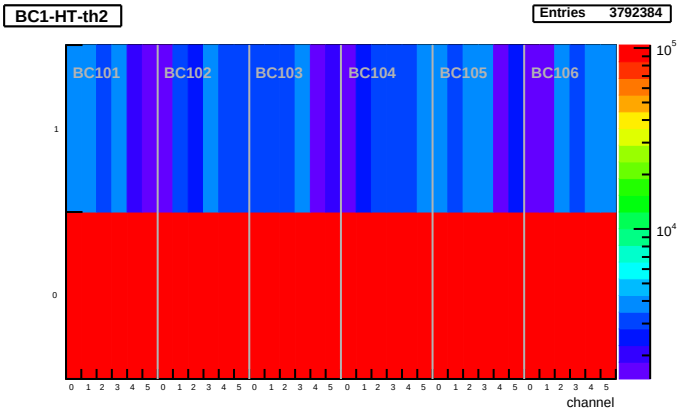

BC1-HT.TP-Diff
Entries 3726891
BC101
BC102
BC103
BC104
BC105
BC106
channel

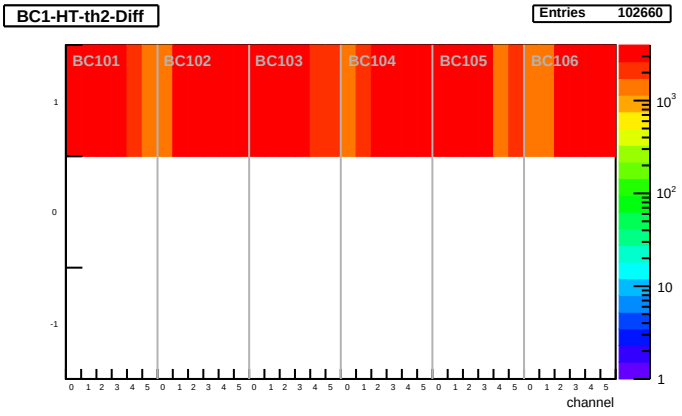

BC1-HT-th0
Entries 3792384
BC101
BC102
BC103
BC104
BC105
BC106
channel

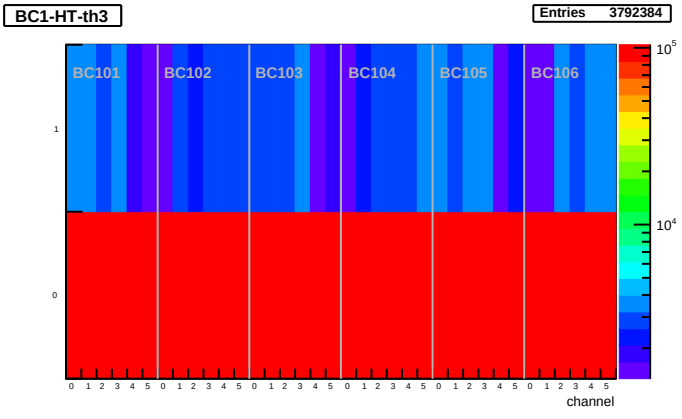

BC1-HT-th0-Diff
Entries 65168
BC101
BC102
BC103
BC104
BC105
BC106
channel

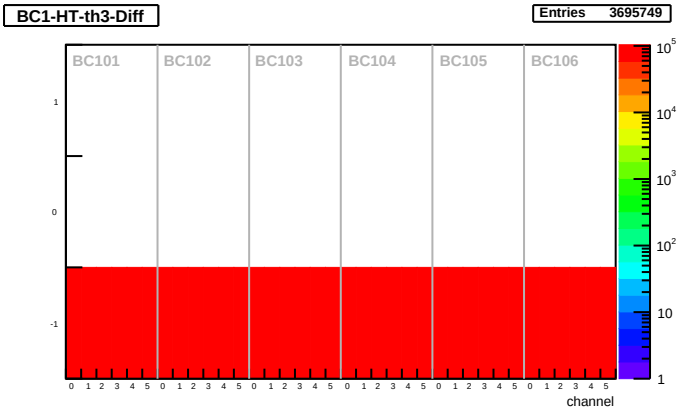

BC1-HT-th1
Entries 3792384
BC101
BC102
BC103
BC104
BC105
BC106
channel

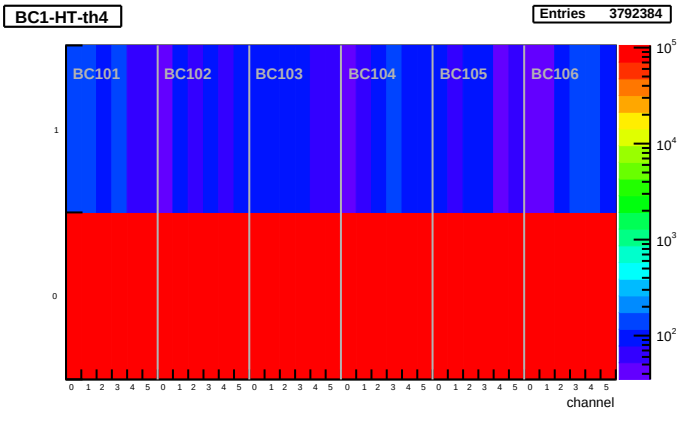

BC1-HT-th1-Diff
Entries 89107
BC101
BC102
BC103
BC104
BC105
BC106
channel

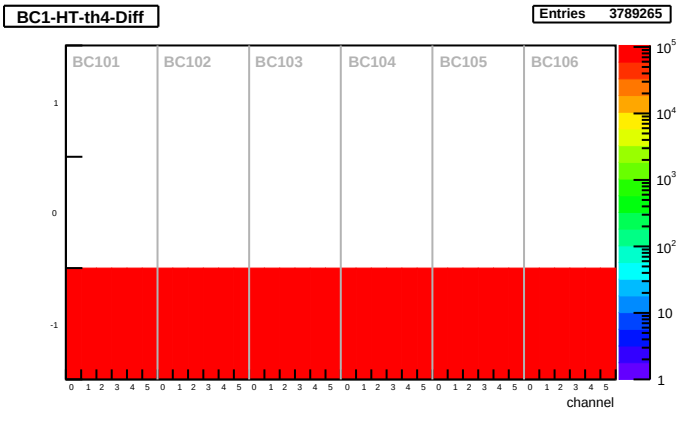

BC1-HT-th2
Entries 3792384
BC101
BC102
BC103
BC104
BC105
BC106
channel

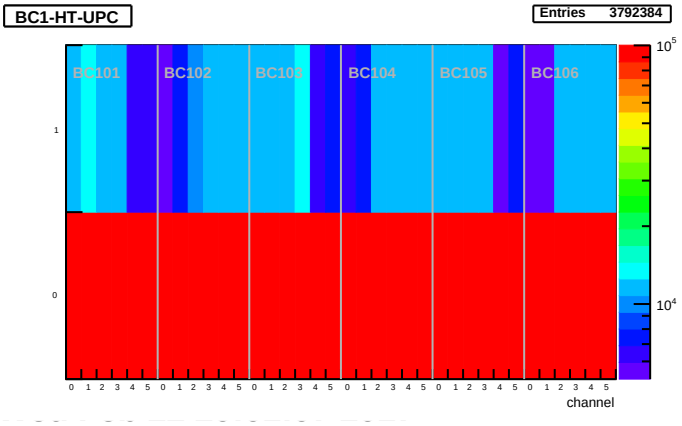

BC1-HT-th2-Diff
Entries 102660
BC101
BC102
BC103
BC104
BC105
BC106
channel

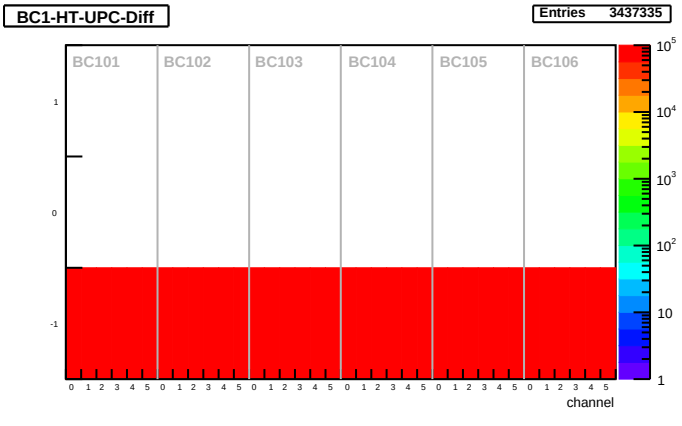

BC1-HT-th3
Entries 3792384
BC101
BC102
BC103
BC104
BC105
BC106
channel

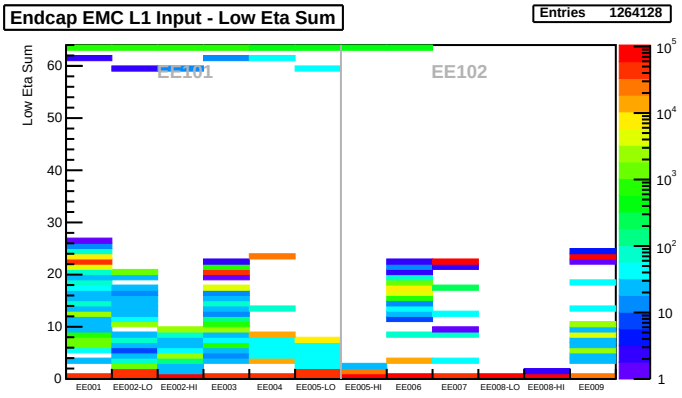

BC1-HT-th3-Diff
Entries 3695749
BC101
BC102
BC103
BC104
BC105
BC106
channel

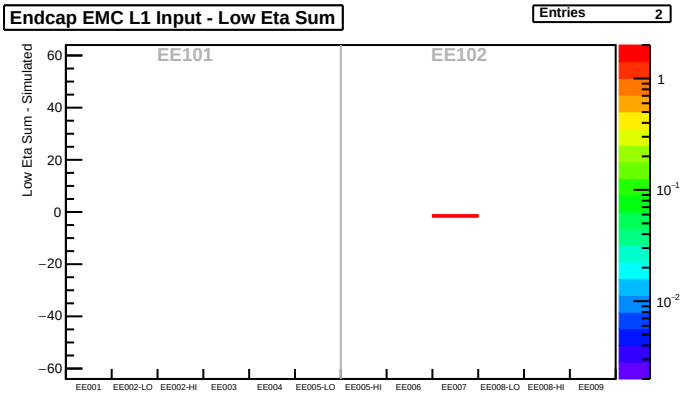

BC1-HT-th4
Entries 3792384
BC101
BC102
BC103
BC104
BC105
BC106
channel

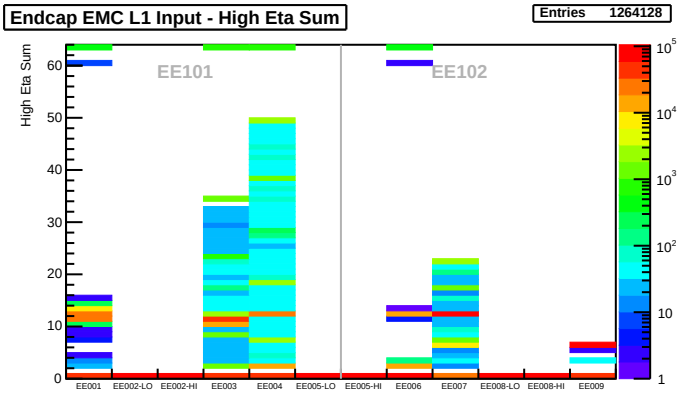

BC1-HT-th4-Diff
Entries 3789265
BC101
BC102
BC103
BC104
BC105
BC106
channel

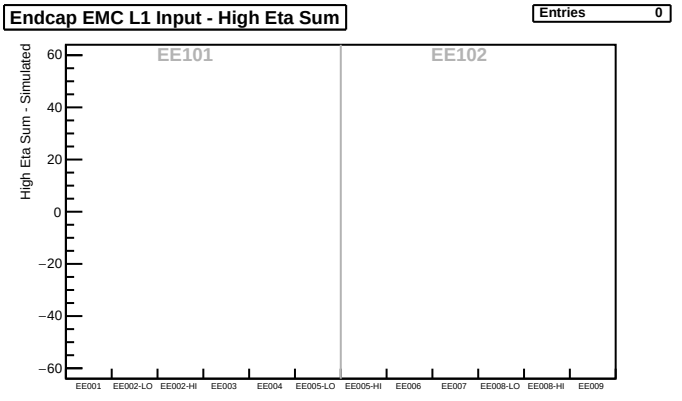

BC1-HT-UPC
Entries 3792384
BC101
BC102
BC103
BC104
BC105
BC106
channel

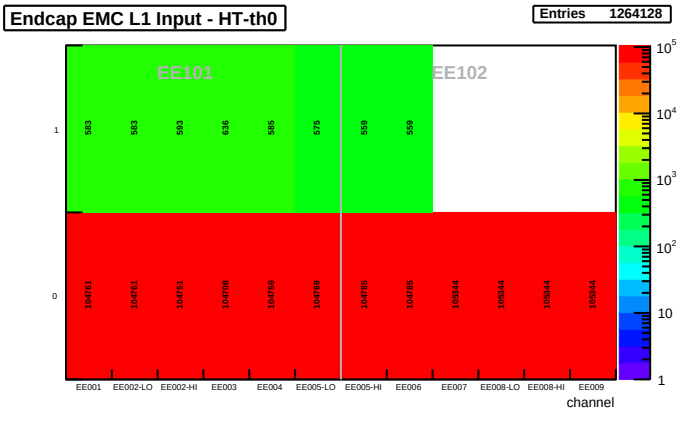

BC1-HT-UPC-Diff
Entries 3437335
BC101
BC102
BC103
BC104
BC105
BC106
channel

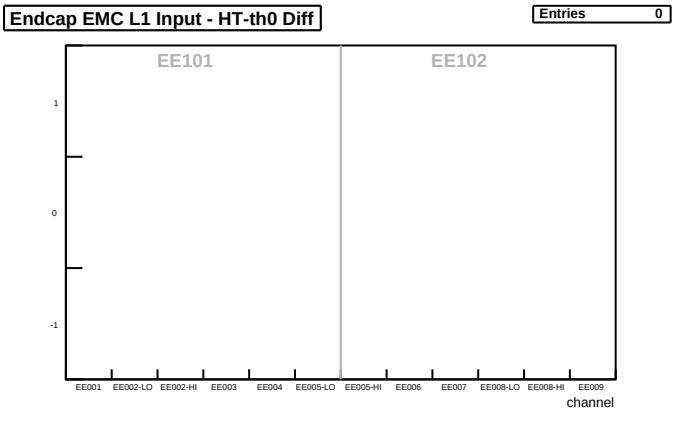

Endcap EMC L1 Input - Low Eta Sum
Entries 1264128
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

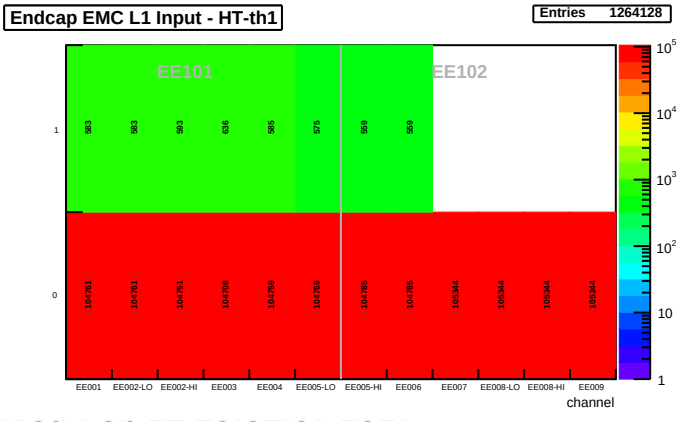

Endcap EMC L1 Input - Low Eta Sum
Entries 2
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

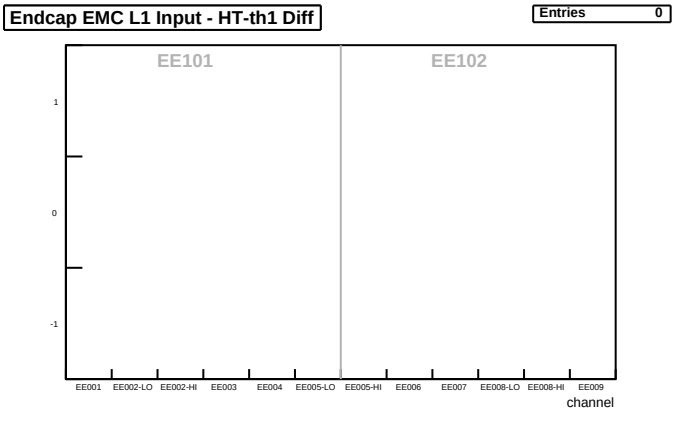

Endcap EMC L1 Input - High Eta Sum
Entries 1264128
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

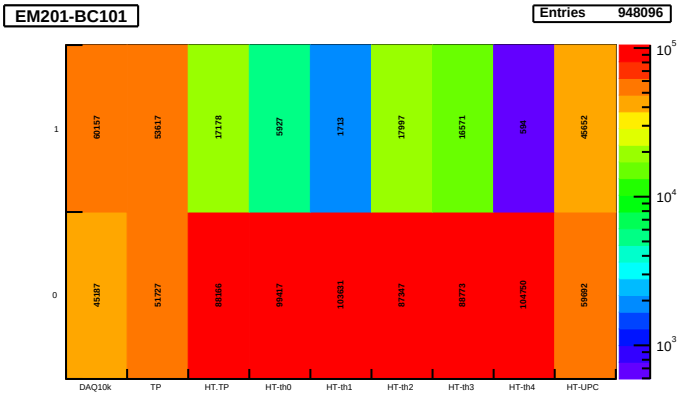

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

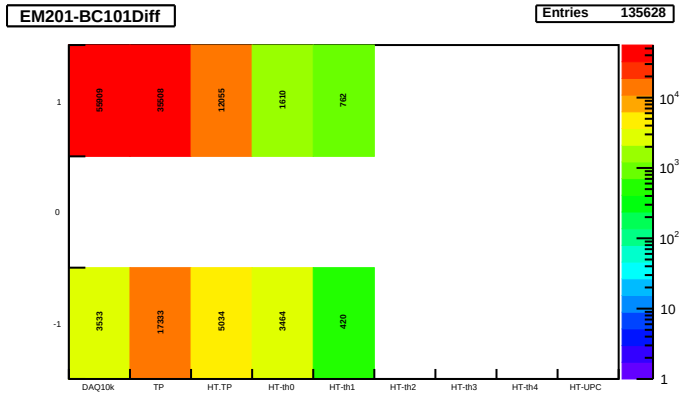

Endcap EMC L1 Input - HT-th0
Entries 1264128
EE101
EE102
583 583 593 636 585 575 559 559
104761 104761 104751 104708 104759 104769 104785 104785 105344 105344 105344 105344
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

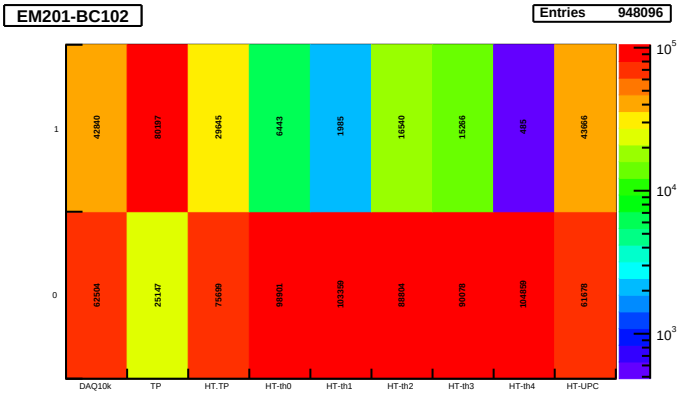

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

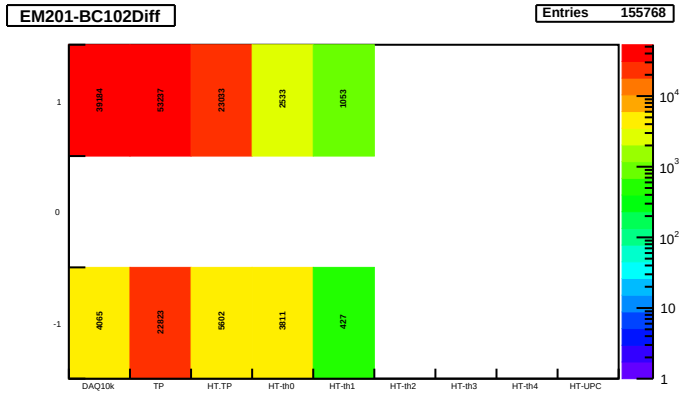

Endcap EMC L1 Input - HT-th1
Entries 1264128
EE101
EE102
583 583 593 636 585 575 559 559
104761 104761 104751 104708 104759 104769 104785 104785 105344 105344 105344 105344
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

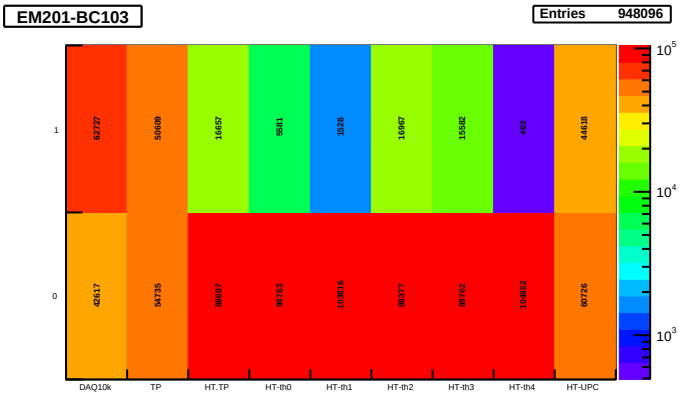

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
channel

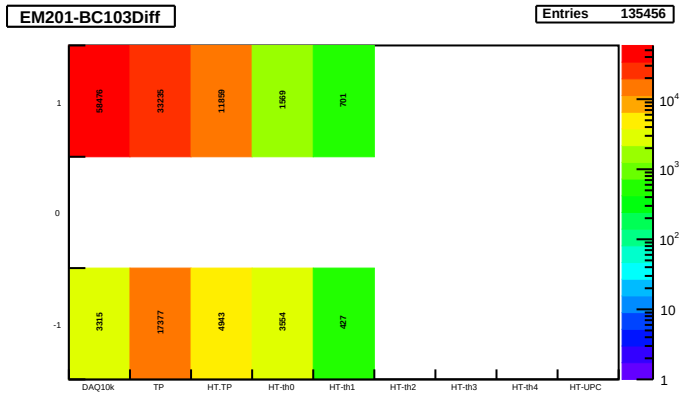

EM201-BC101
Entries 948096
1
0
60157 53617 17178 5927 1713 17997 16571 594 45652
45187 51127 88166 99417 103631 87347 88773 104750 59882
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
$10^5$
$10^4$
$10^3$

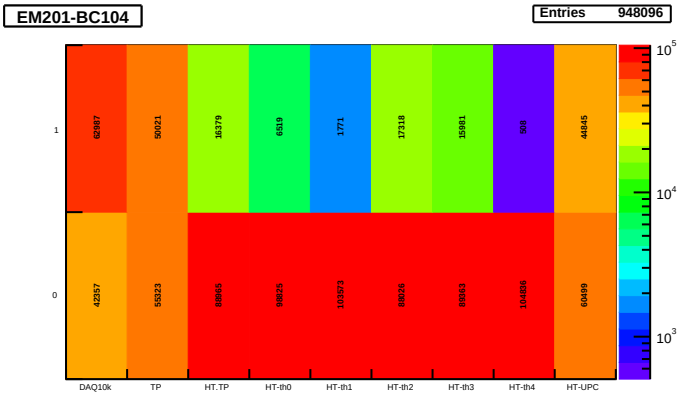

EM201-BC101Diff
Entries 135628
1
0
-1
35909 35508 12055 1610 762
3533 17333 5034 3464 420
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
$10^4$
$10^3$
$10^2$
10
1

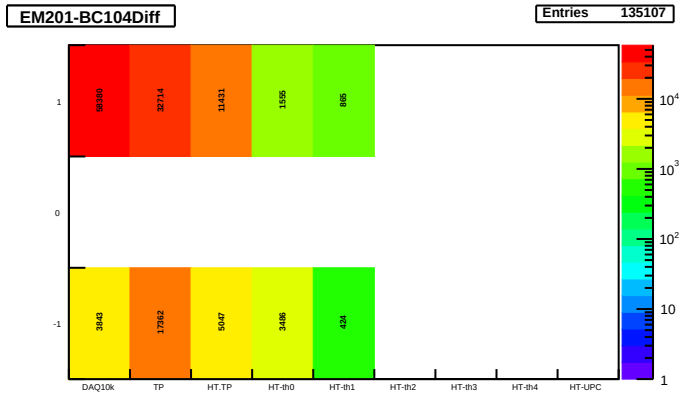

EM201-BC102
Entries 948096
1
0
42840 80187 29945 6443 1985 16540 15266 485 43866
62504 25147 75699 99901 103359 88804 90078 104859 61678
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
$10^5$
$10^4$
$10^3$

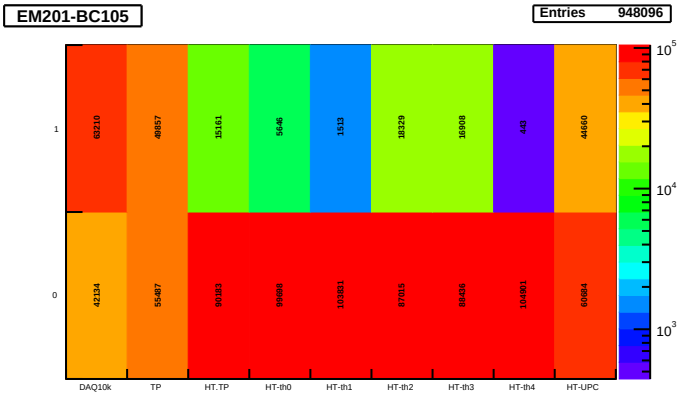

EM201-BC102Diff
Entries 155768
1
0
-1
35184 53237 23033 2533 1053
4065 22823 5602 3811 427
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
$10^4$
$10^3$
$10^2$
10
1

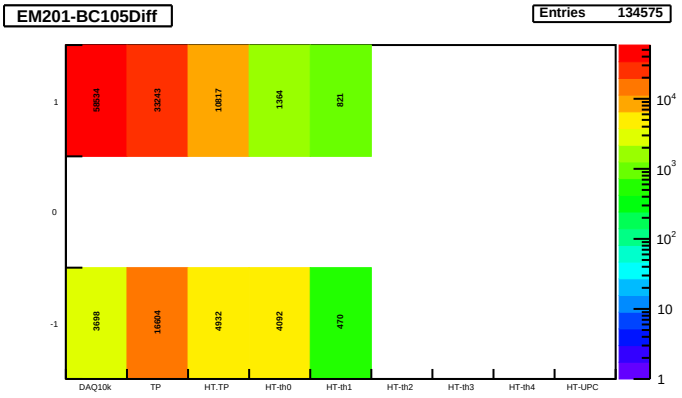

EM201-BC103
Entries 948096
1
0
62727 50609 16657 5581 1528 16967 15582 492 44618
42617 54735 88687 99763 103816 88377 89762 104852 60726
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
$10^5$
$10^4$
$10^3$

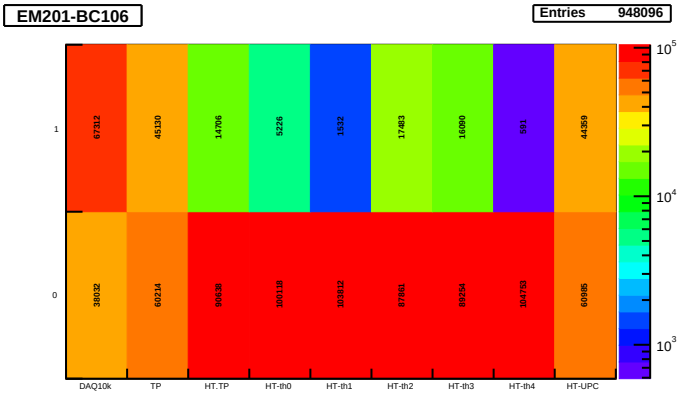

EM201-BC103Diff
Entries 135456
1
0
-1
58476 33235 11889 1969 701
3315 17377 4943 3564 427
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
$10^4$
$10^3$
$10^2$
10
1

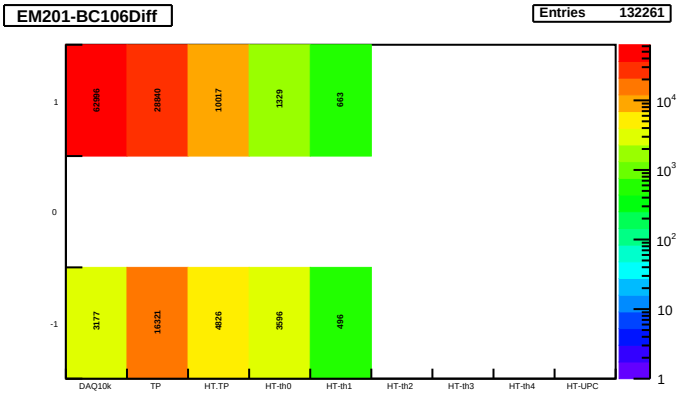

EM201-BC104
Entries 948096
1
0
62987 50021 16379 6519 1771 17318 15981 508 44845
42357 55323 89955 98825 103573 89026 89963 104636 60499
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
$10^5$
$10^4$
$10^3$

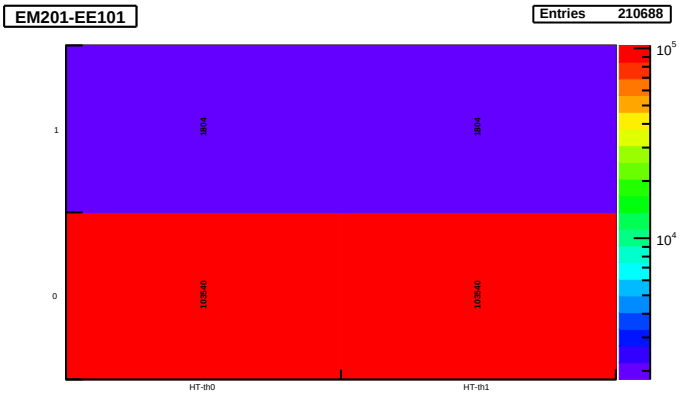

EM201-BC104Diff
Entries 135107
1
0
-1
58380 32714 11431 1595 865
3843 17262 5047 3486 424
DAQ10k TP HT.TP HT-th0 HT-th1 HT-th2 HT-th3 HT-th4 HT-UPC
$10^4$
$10^3$
$10^2$
10
1

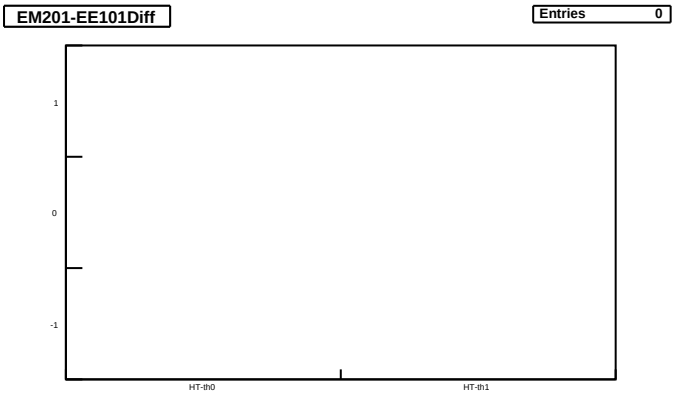

EM201-BC105
Entries 948096
1
0
63210
49857
15161
5646
1513
18329
16908
443
44660
42134
55487
90183
99698
103831
87015
88436
104901
60884
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$

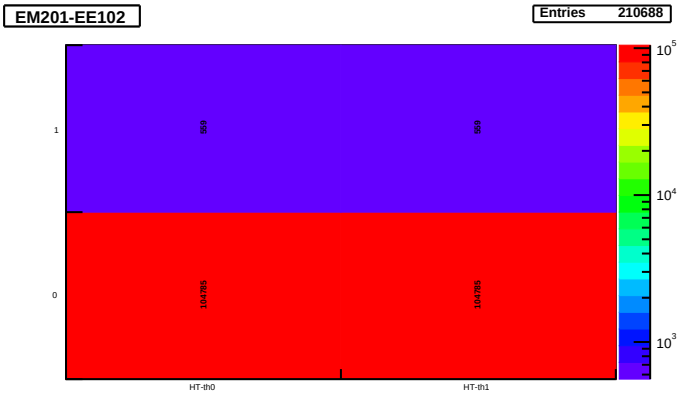

EM201-BC105Diff
Entries 134575
1
0
-1
38534
33243
10817
1364
821
3698
16604
4932
4092
470
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

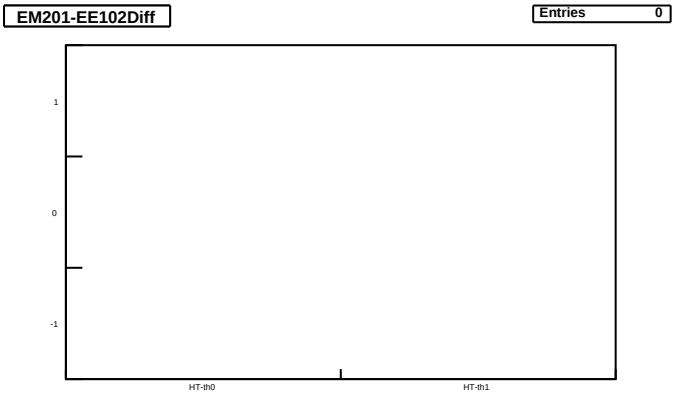

EM201-BC106
Entries 948096
1
0
67312
45130
14706
5226
1532
17483
16090
591
44359
38032
60214
90638
100118
103812
87861
89254
104753
60985
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^5$
$10^4$
$10^3$

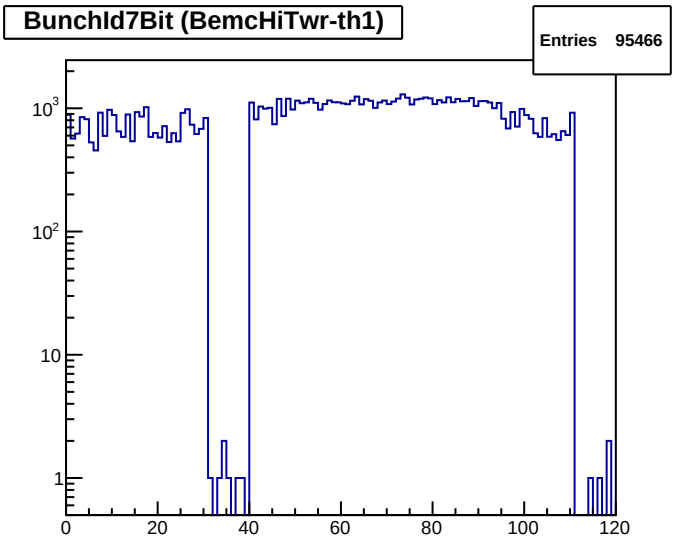

EM201-BC106Diff
Entries 132261
1
0
-1
62996
28940
10017
1329
663
3177
16321
4826
3696
496
DAQ10k
TP
HT.TP
HT-th0
HT-th1
HT-th2
HT-th3
HT-th4
HT-UPC
$10^4$
$10^3$
$10^2$
10
1

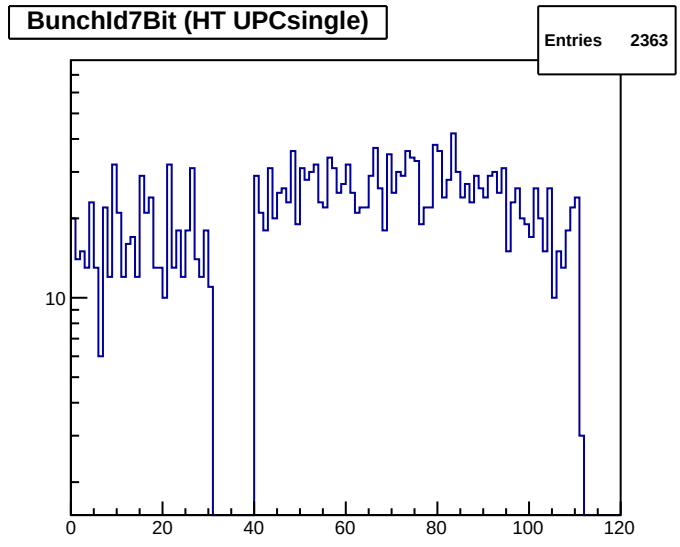

EM201-EE101
Entries 210688
1
0
1904
1904
103340
103340
HT-th0
HT-th1
$10^5$
$10^4$

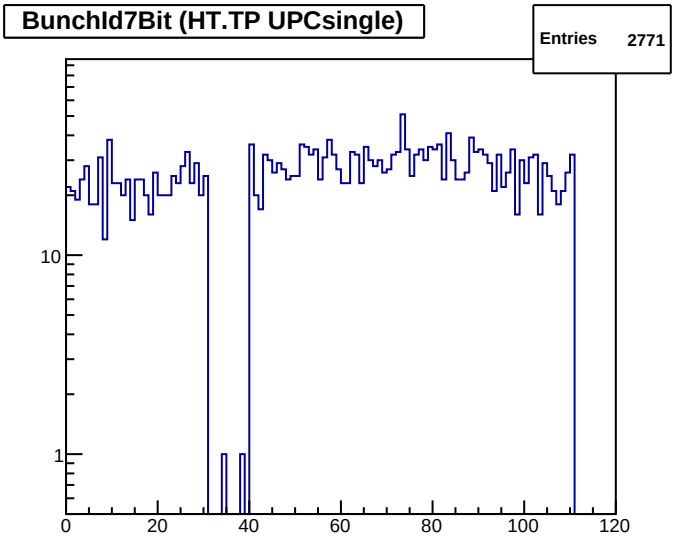

EM201-EE101Diff
Entries 0
1
0
-1
HT-th0
HT-th1

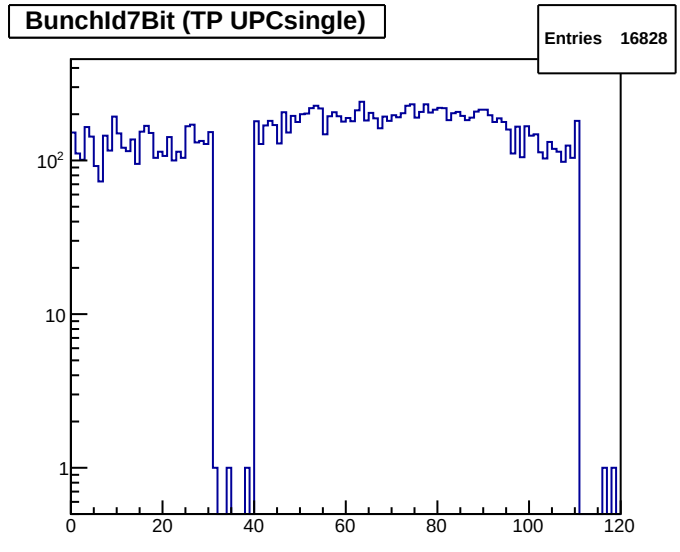

EM201-EE102
Entries 210688
1
0
569
569
104785
104785
HT-th0
HT-th1
$10^5$
$10^4$
$10^3$

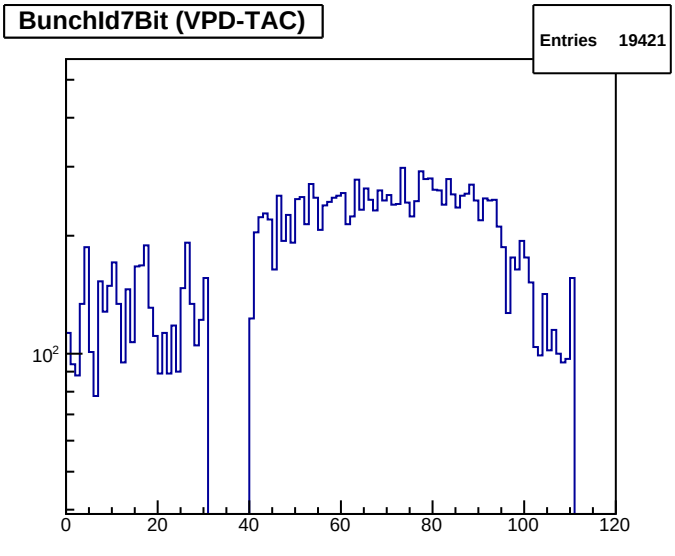

EM201-EE102Diff
Entries 0
1
0
-1
HT-th0
HT-th1

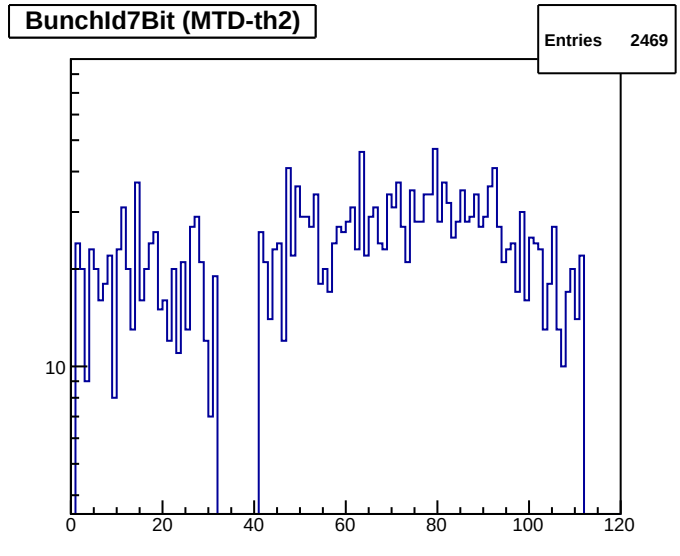

BunchId7Bit (BemcHiTwr-th1)
Entries 95466
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

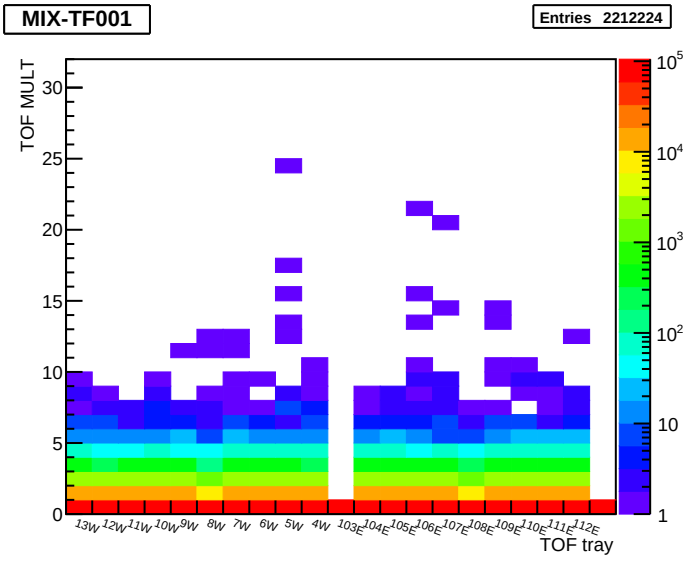

BunchId7Bit (HT UPCsingle)
Entries 2363
10
0
20
40
60
80
100
120

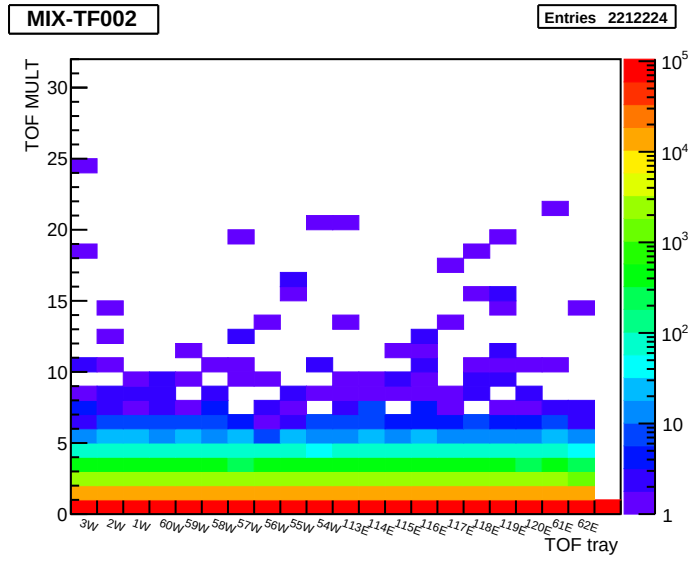

BunchId7Bit (HT.TP UPCsingle)
Entries 2771
10
1
0
20
40
60
80
100
120

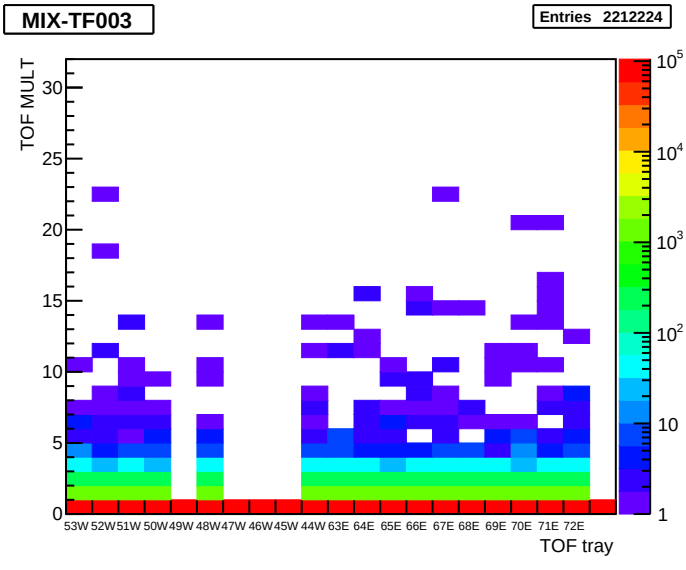

BunchId7Bit (TP UPCsingle)
Entries 16828
$10^2$
10
1
0
20
40
60
80
100
120

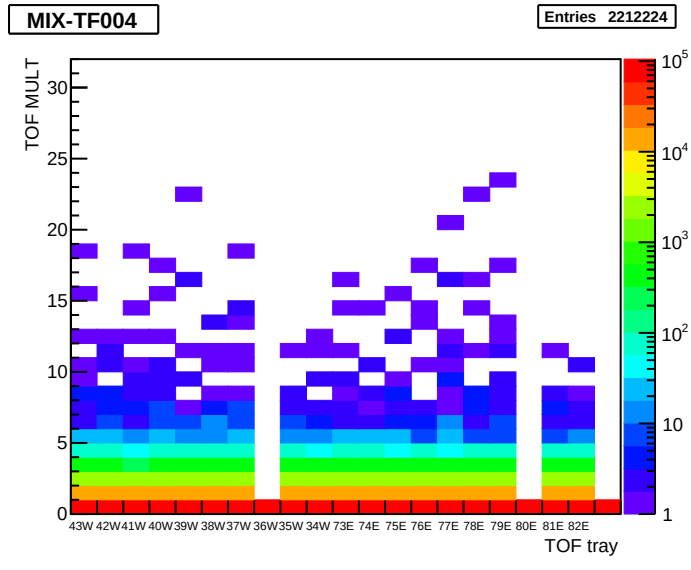

BunchId7Bit (VPD-TAC)
Entries 19421
$10^2$
0
20
40
60
80
100
120

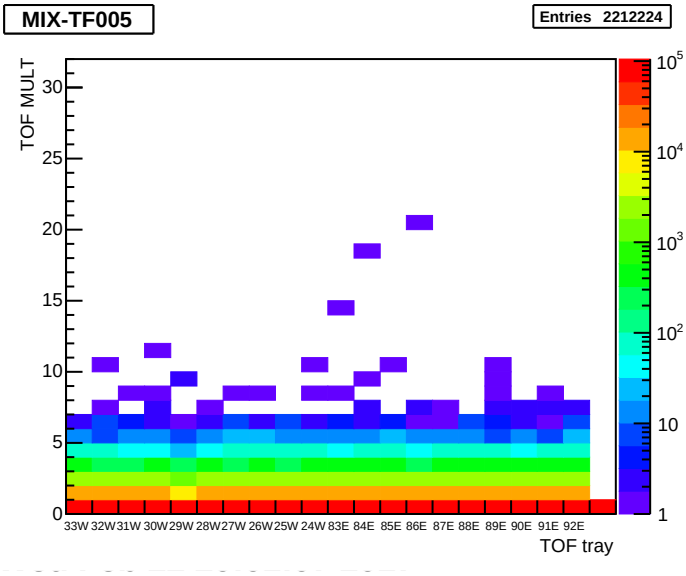

BunchId7Bit (MTD-th2)
Entries 2469
10
0
20
40
60
80
100
120

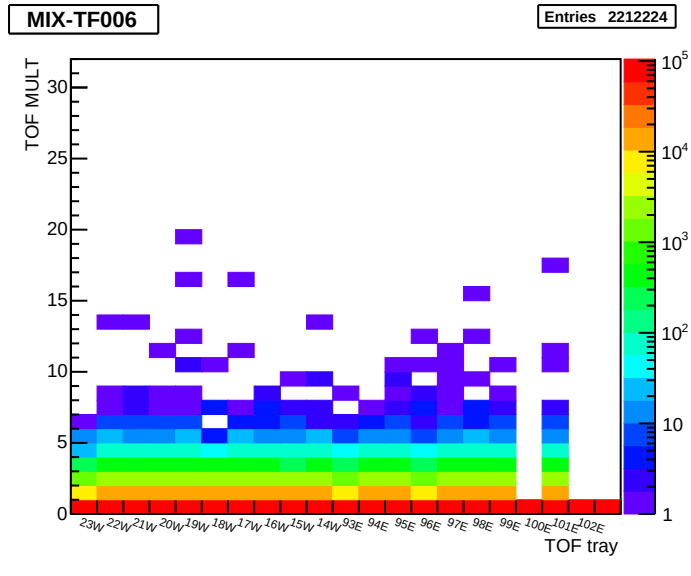

MIX-TF001
Entries 2212224
TOF MULT
TOF tray

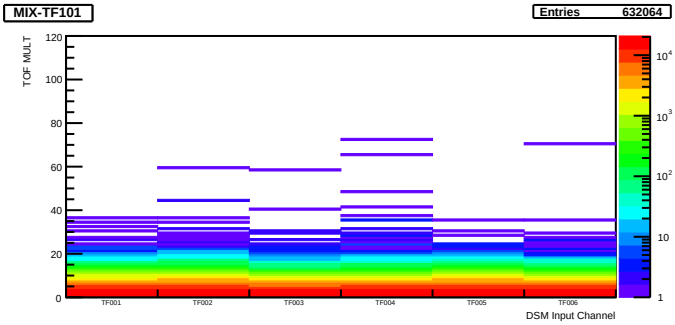

MIX-TF002
Entries 2212224
TOF MULT
TOF tray

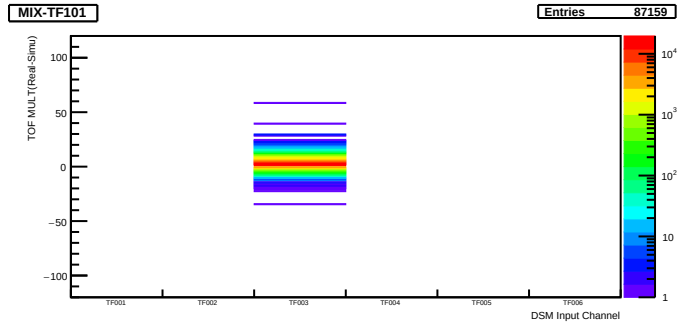

MIX-TF003
Entries 2212224
TOF MULT
TOF tray

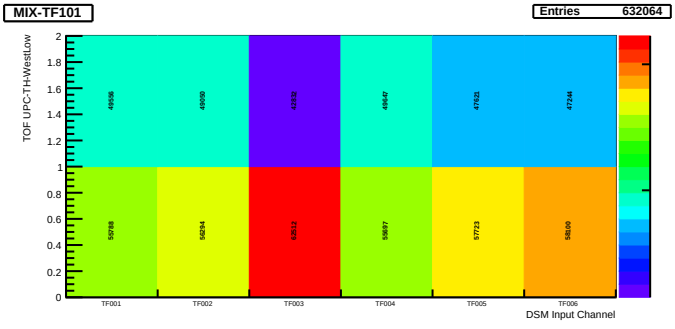

MIX-TF004
Entries 2212224
TOF MULT
TOF tray

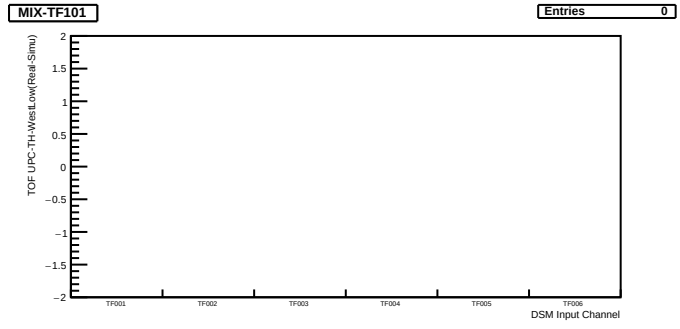

MIX-TF005
Entries 2212224
TOF MULT
TOF tray

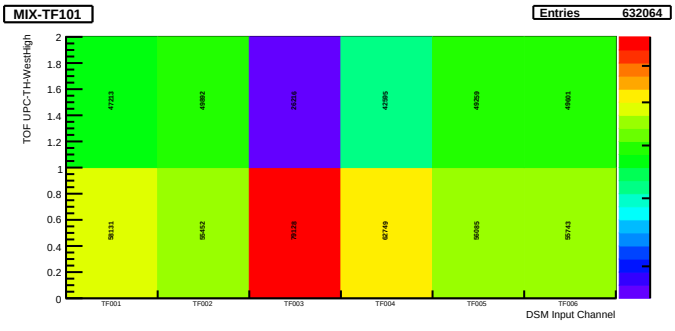

MIX-TF006
Entries 2212224
TOF MULT
TOF tray

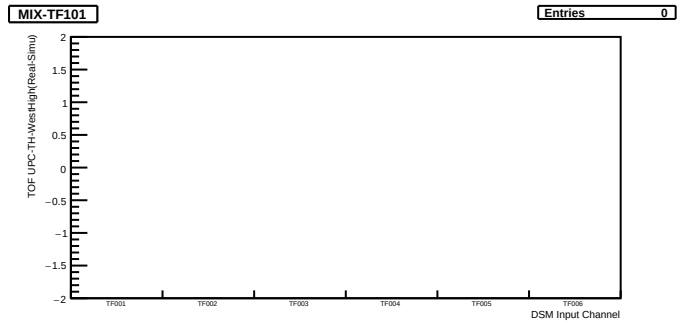

MIX-TF101
Entries 632064
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

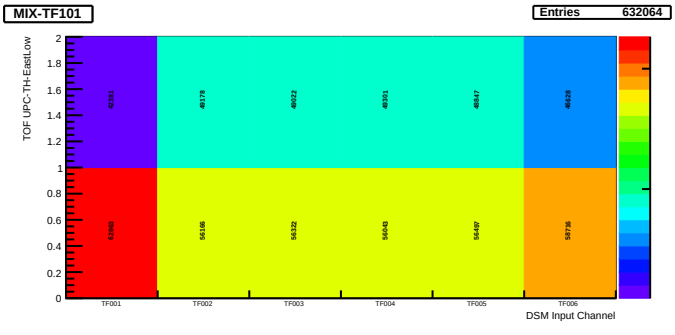

MIX-TF101
Entries 87159
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

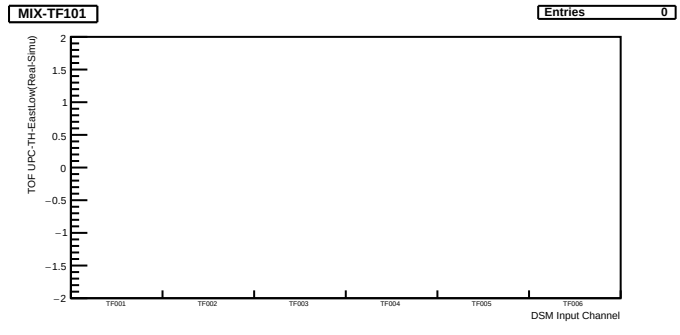

MIX-TF101
Entries 632064
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

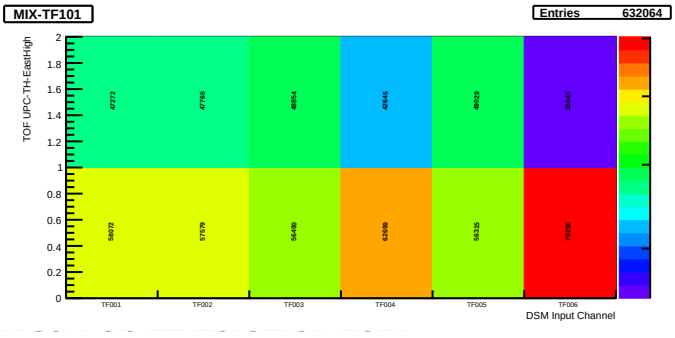

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

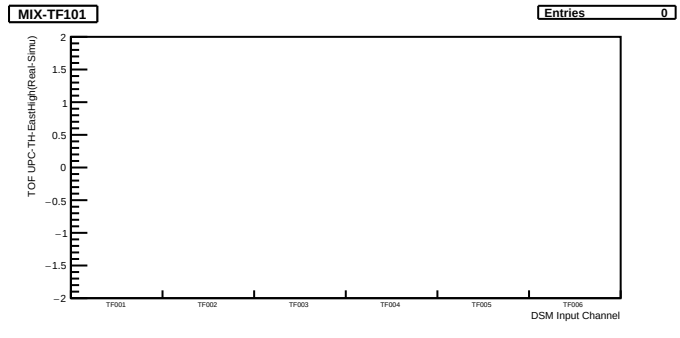

MIX-TF101
Entries 632064
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

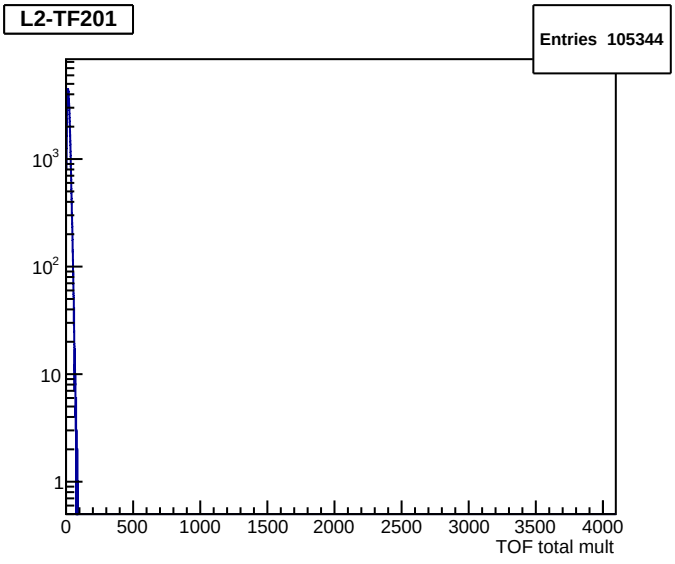

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

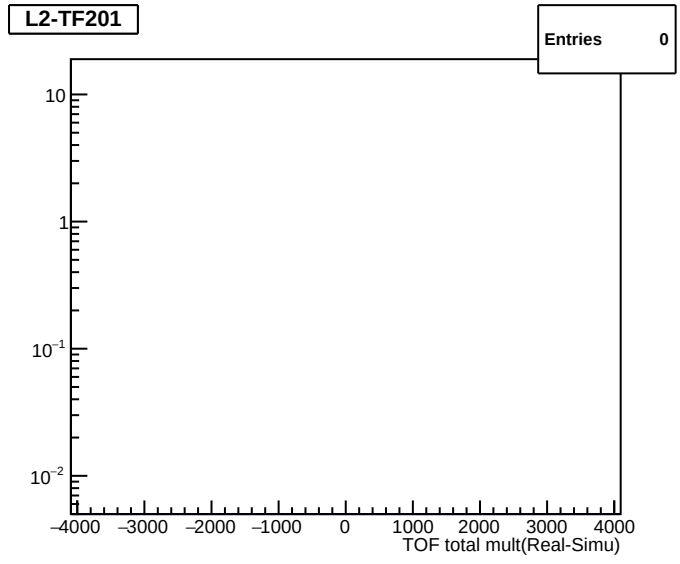

MIX-TF101
Entries 632064
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

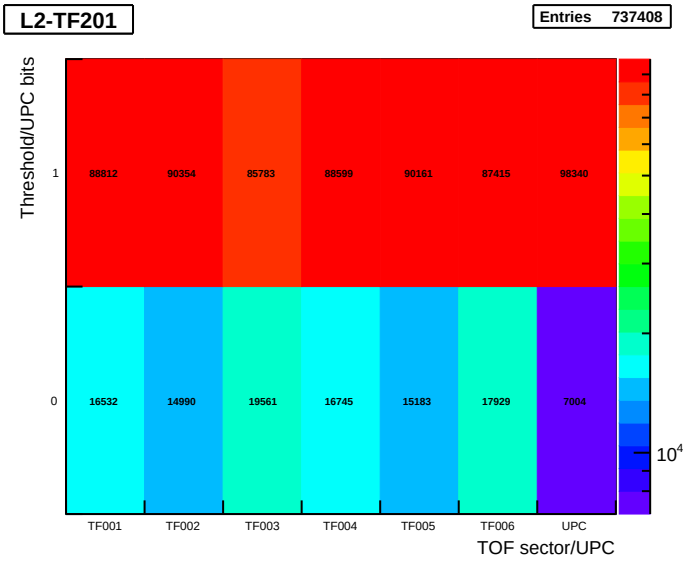

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

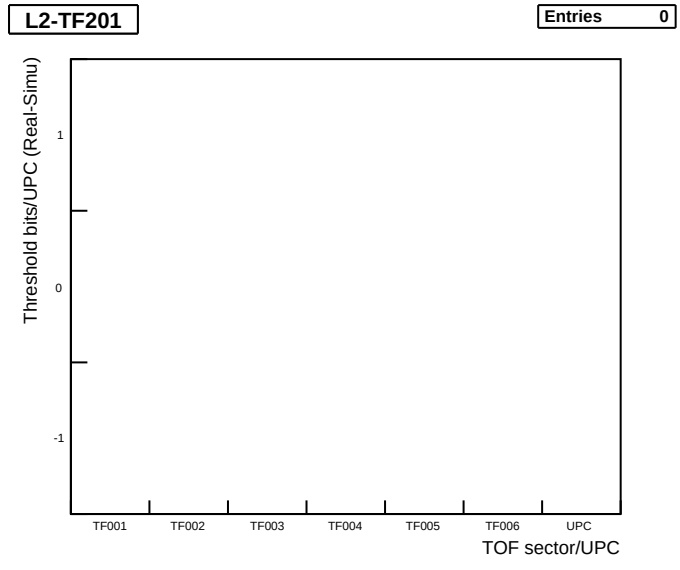

MIX-TF101
Entries 632064
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

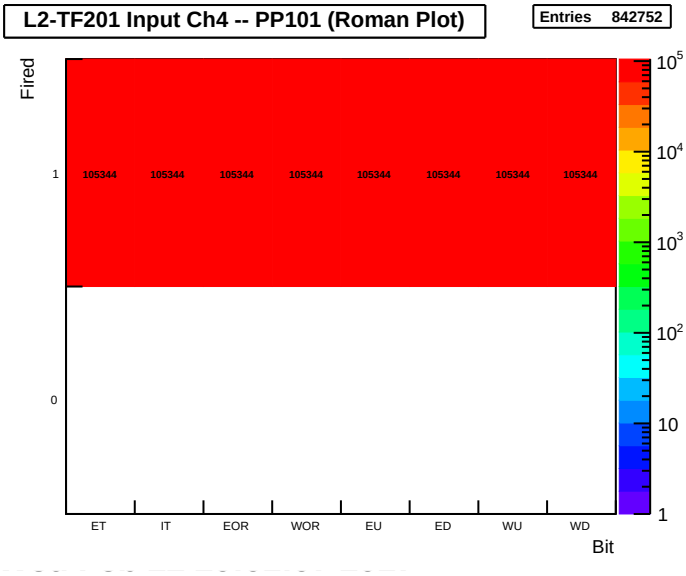

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

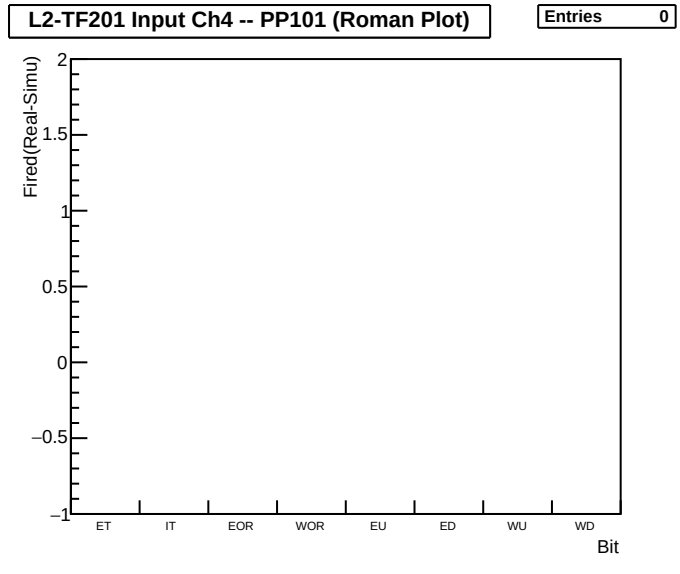

L2-TF201
Entries 105344
TOF total mult

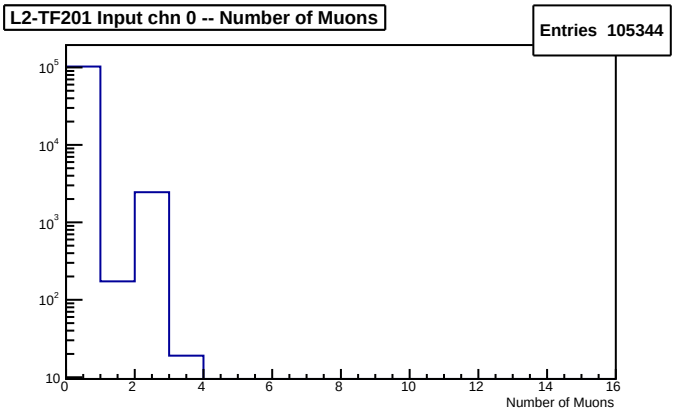

L2-TF201
Entries 0
TOF total mult(Real-Simu)

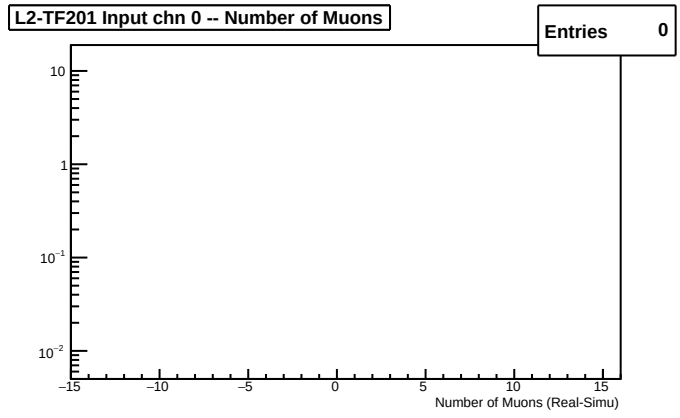

L2-TF201
Entries 737408
Threshold/UPC bits
88812
90354
85783
88599
90161
87415
98340
16532
14990
19561
16745
15183
17929
7004
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

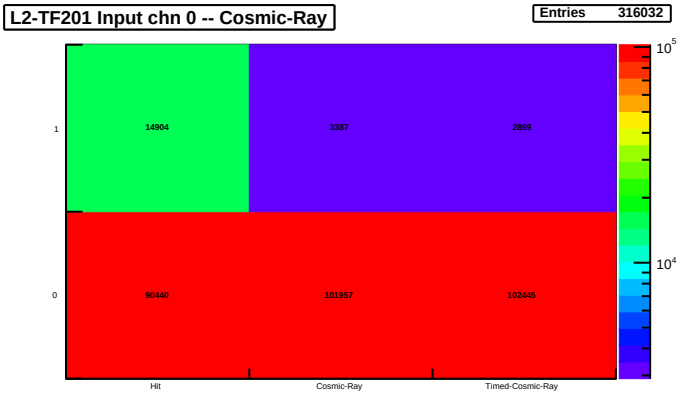

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

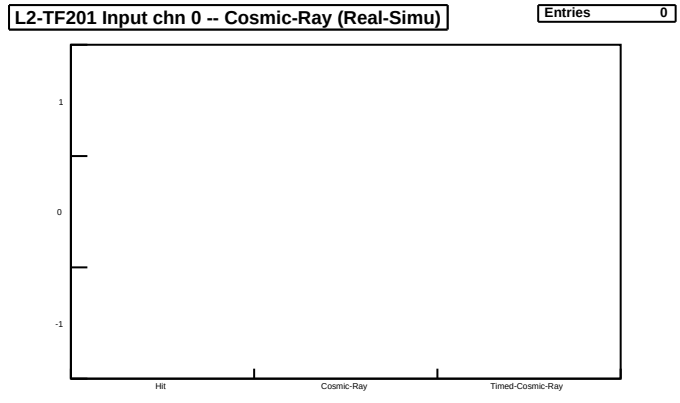

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 842752
Fired
105344
105344
105344
105344
105344
105344
105344
105344
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

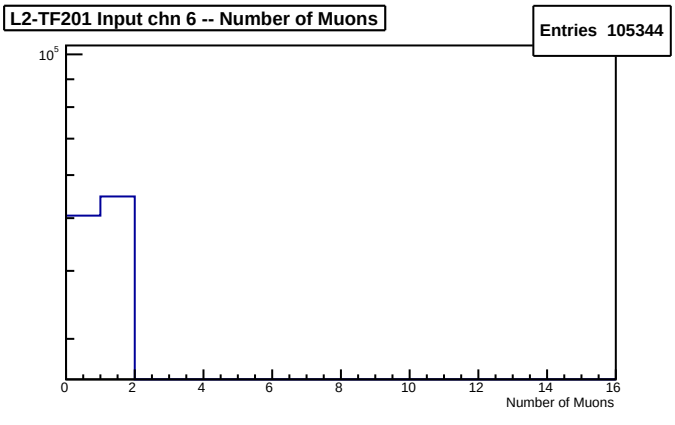

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

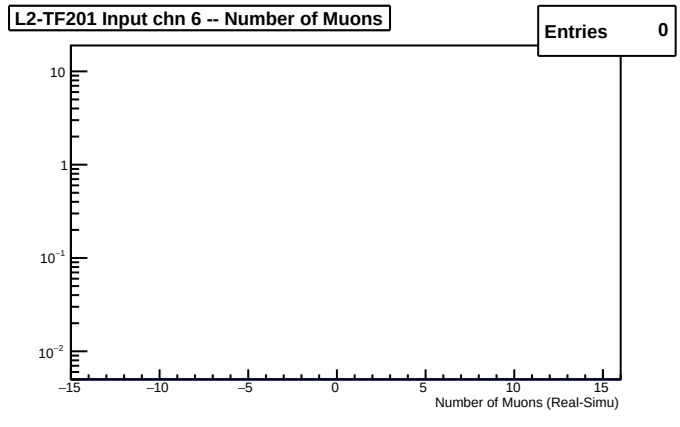

L2-TF201 Input chn 0 -- Number of Muons
Entries 105344
Number of Muons

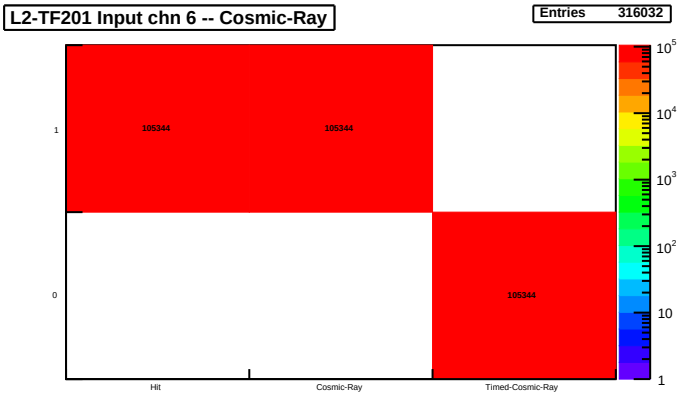

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

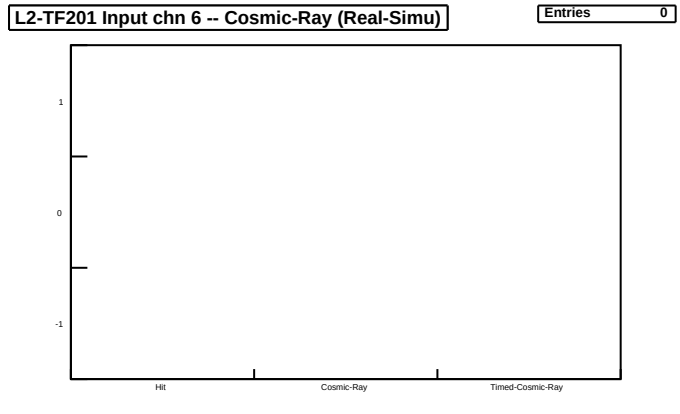

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 316032
14904
3387
2899
90440
101957
102445
Hit
Cosmic-Ray
Timed-Cosmic-Ray

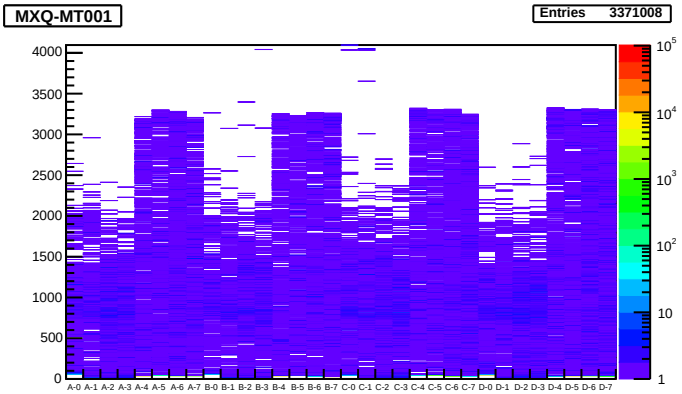

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

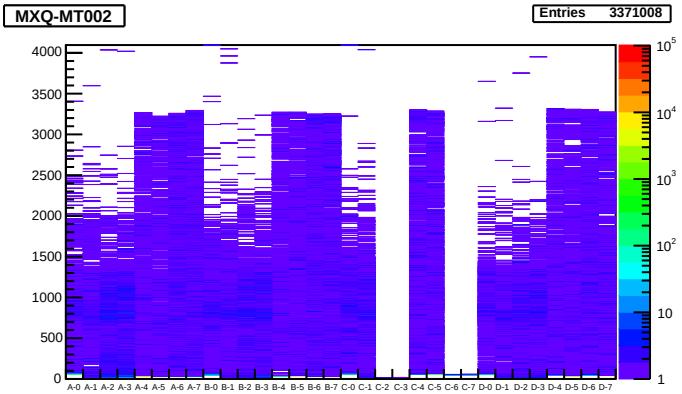

L2-TF201 Input chn 6 -- Number of Muons
Entries 105344
Number of Muons

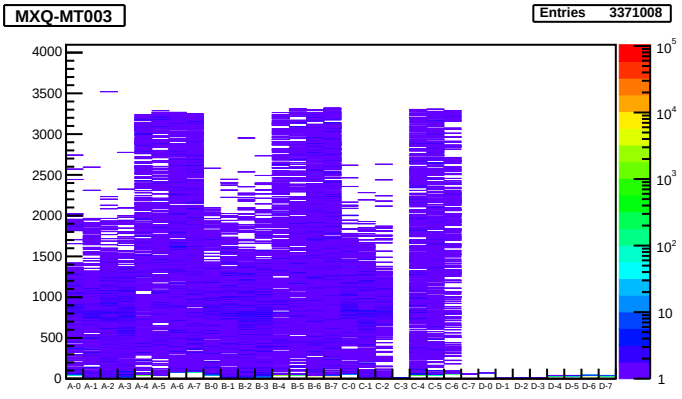

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

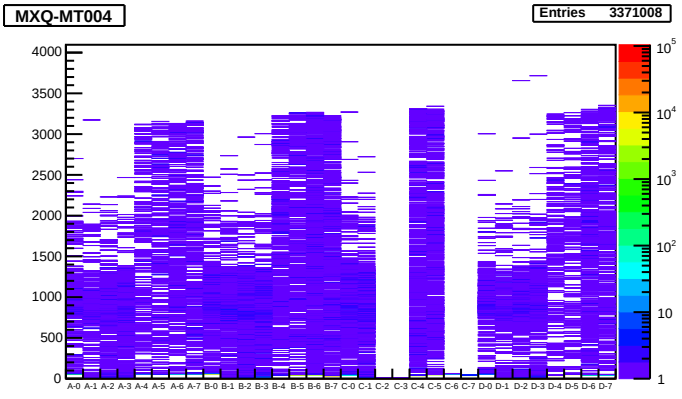

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 316032
105344
105344
105344
Hit
Cosmic-Ray
Timed-Cosmic-Ray

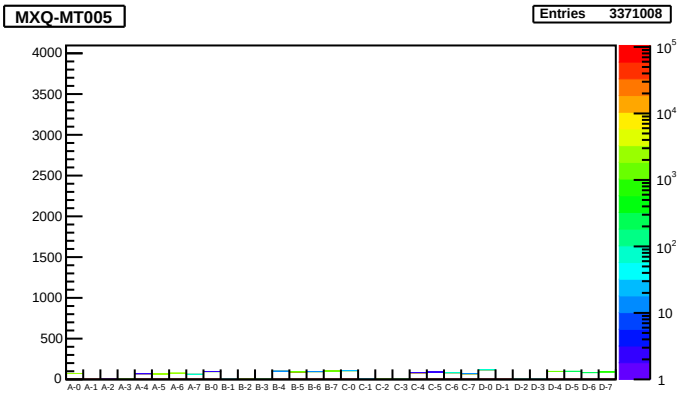

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

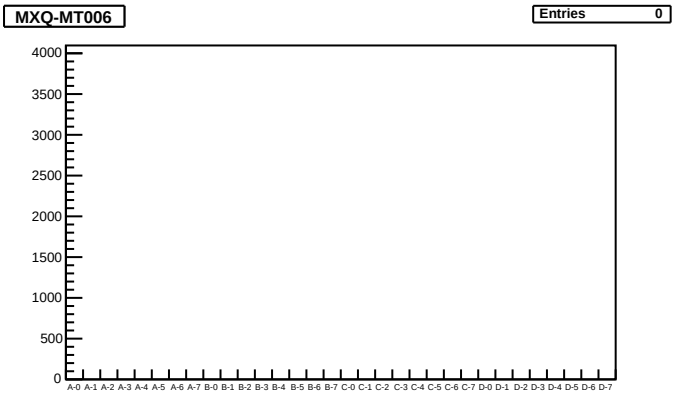

MXQ-MT001
Entries 3371008

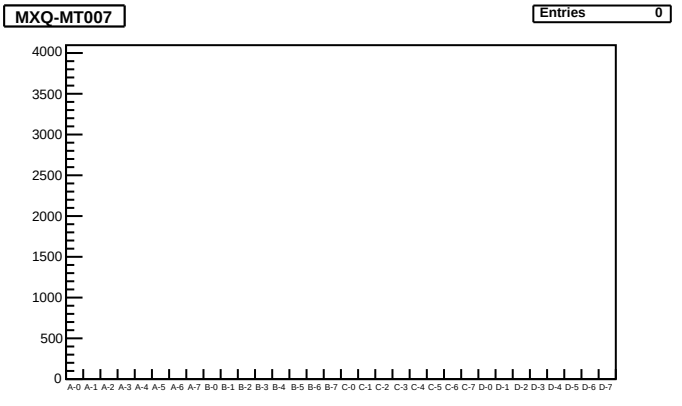

MXQ-MT002
Entries 3371008

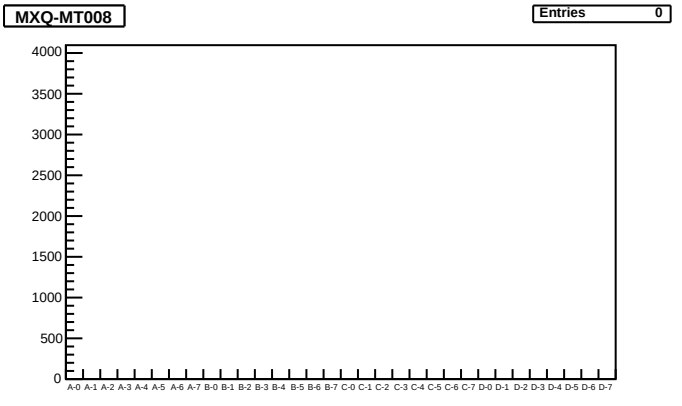

MXQ-MT003
Entries 3371008

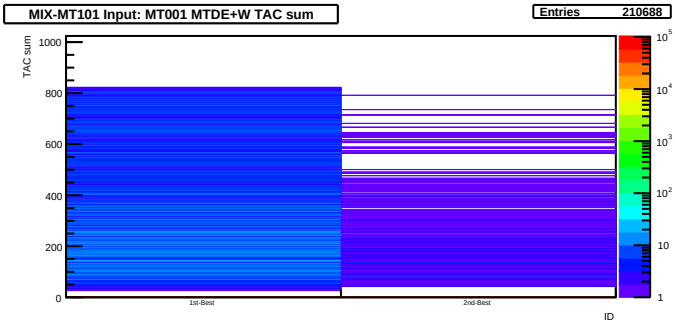

MXQ-MT004
Entries 3371008

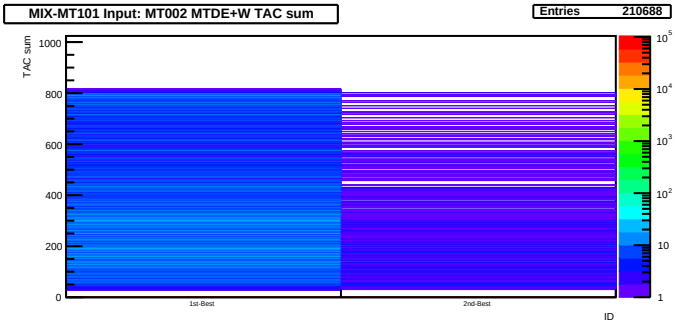

MXQ-MT005
Entries 3371008

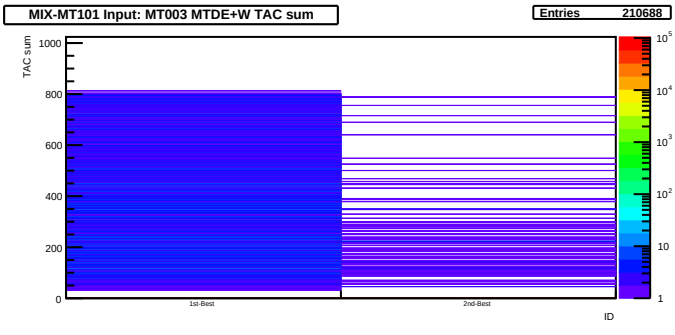

MXQ-MT006
Entries 0

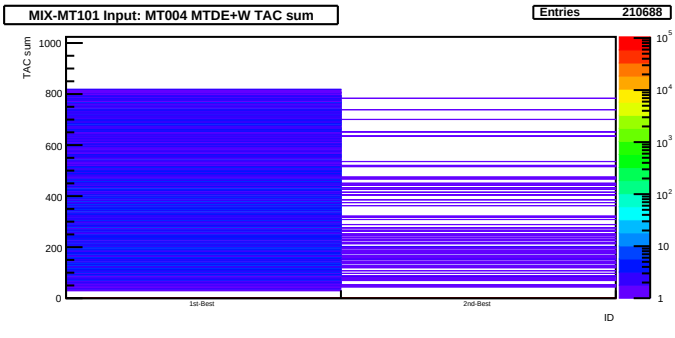

MXQ-MT007
Entries 0

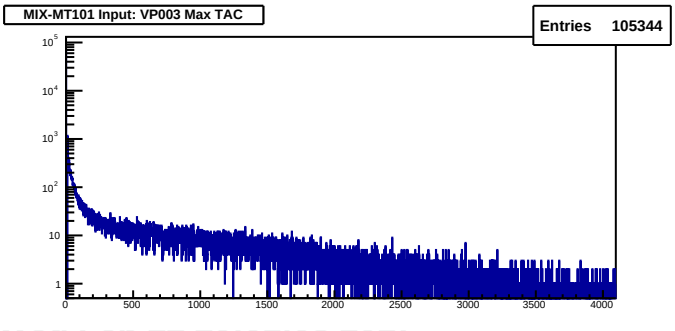

MXQ-MT008
Entries 0

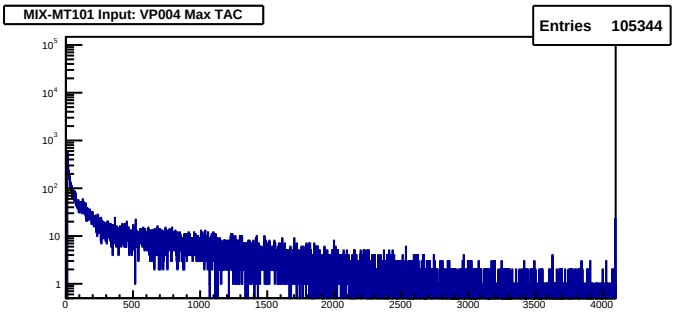

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 210688
TAC sum
1st-Best
2nd-Best
ID

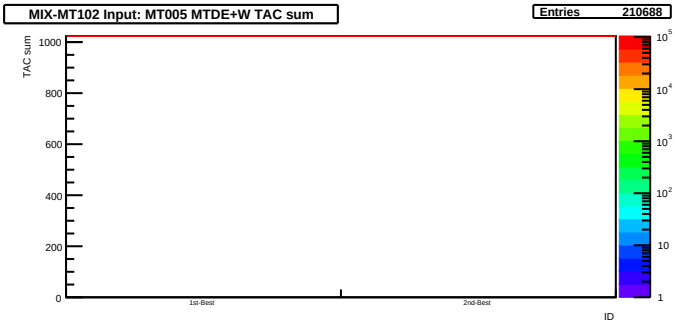

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 210688
TAC sum
1st-Best
2nd-Best
ID

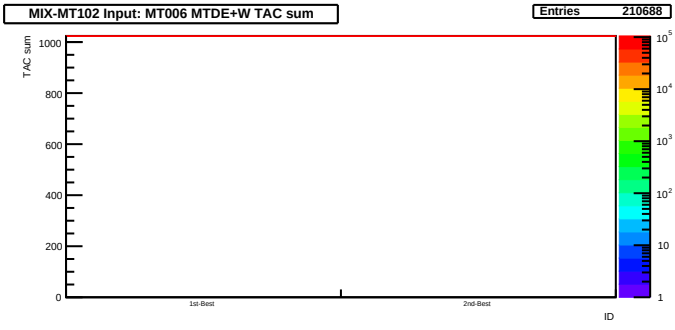

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 210688
TAC sum
1st-Best
2nd-Best
ID

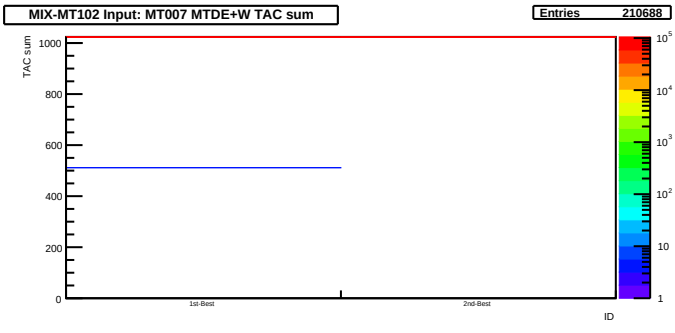

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 210688
TAC sum
1st-Best
2nd-Best
ID

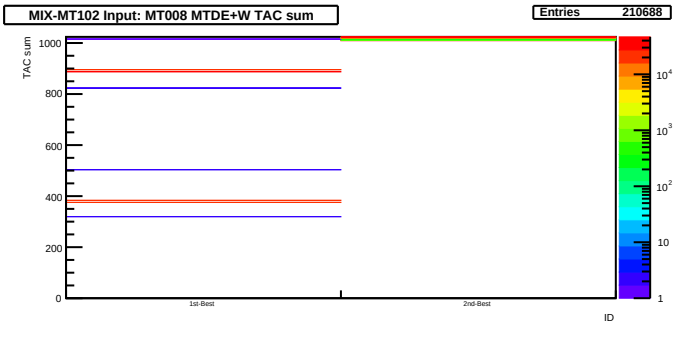

MIX-MT101 Input: VP003 Max TAC
Entries 105344

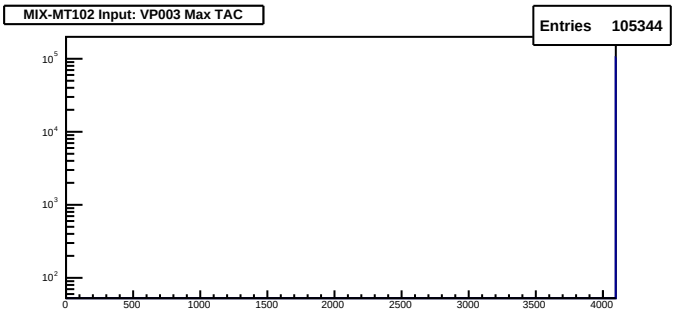

MIX-MT101 Input: VP004 Max TAC
Entries 105344

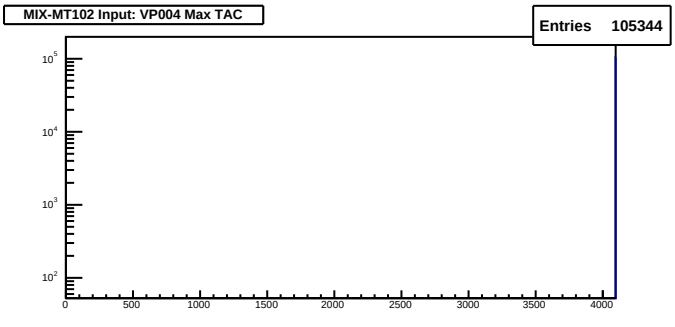

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 210688
TAC sum
1st-Best
2nd-Best
ID

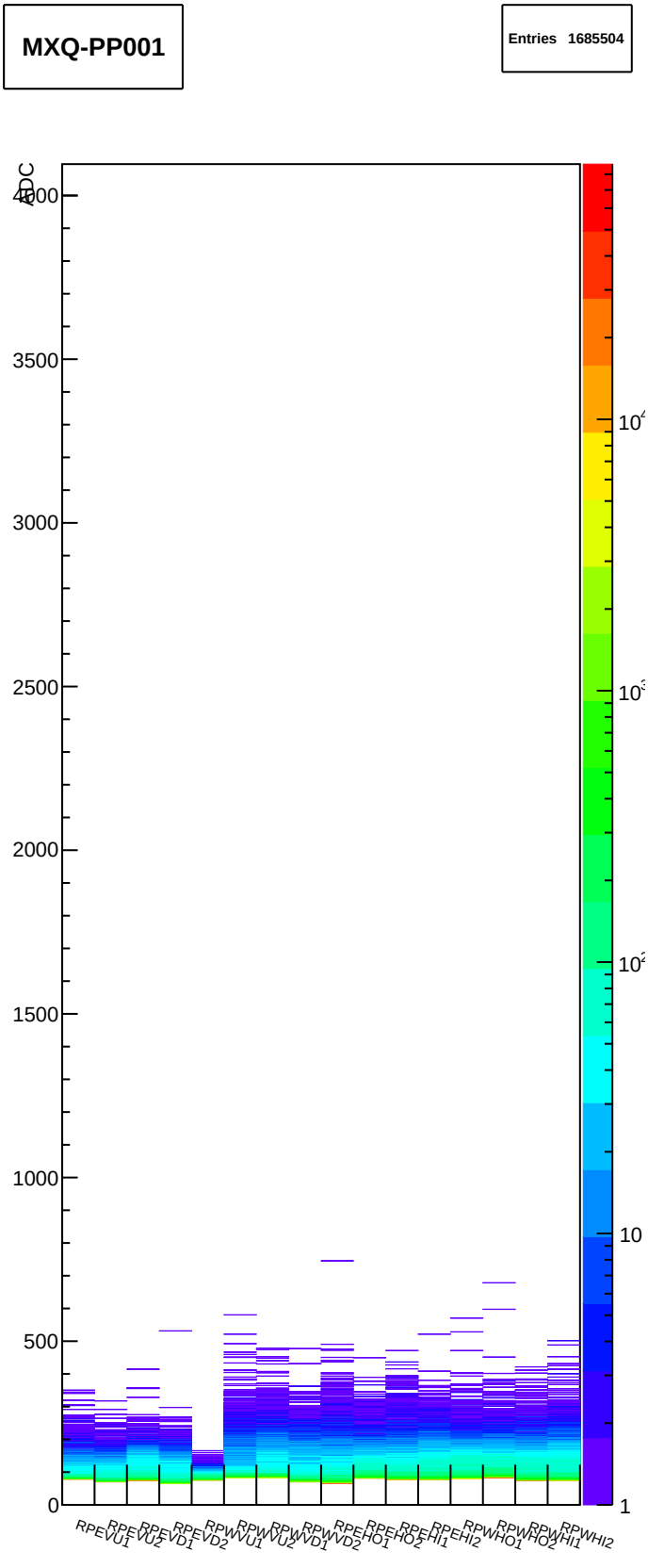

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 210688
TAC sum
1st-Best
2nd-Best
ID

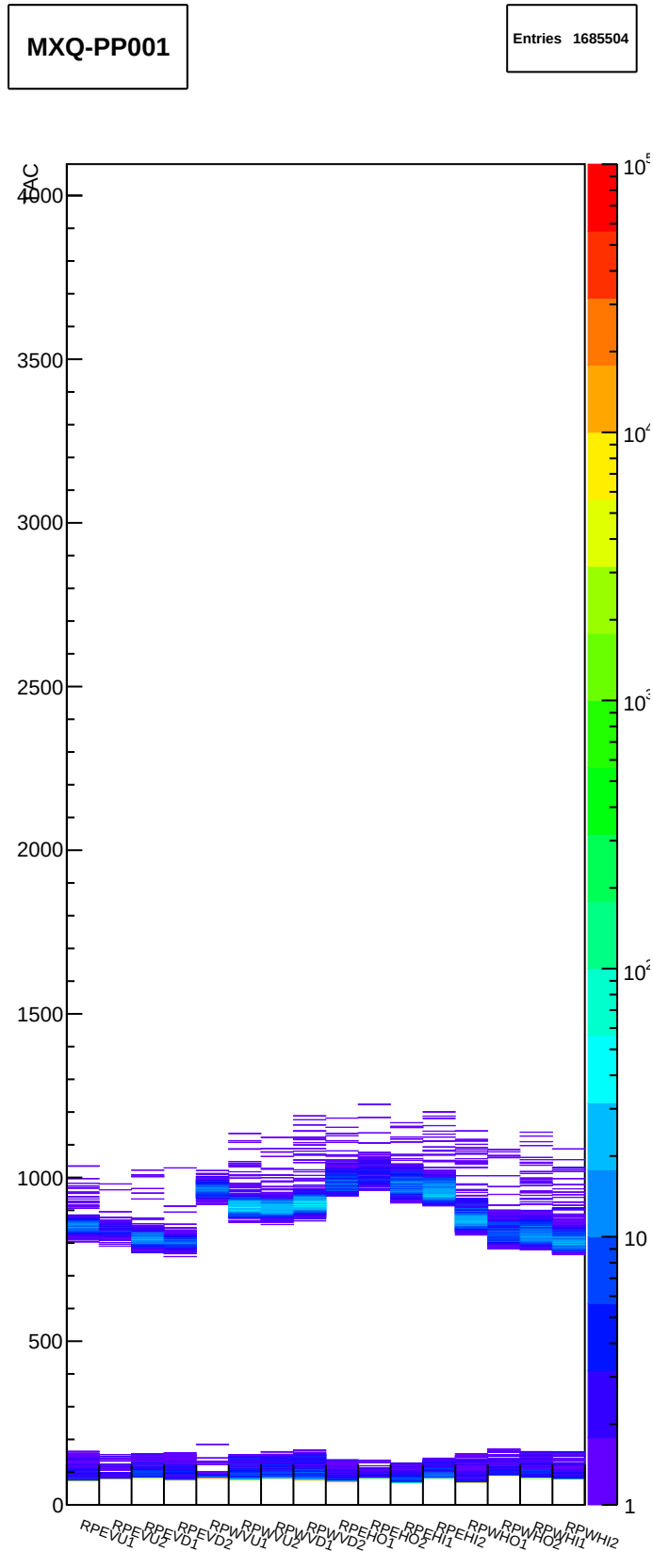

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 210688
TAC sum
1st-Best
2nd-Best
ID

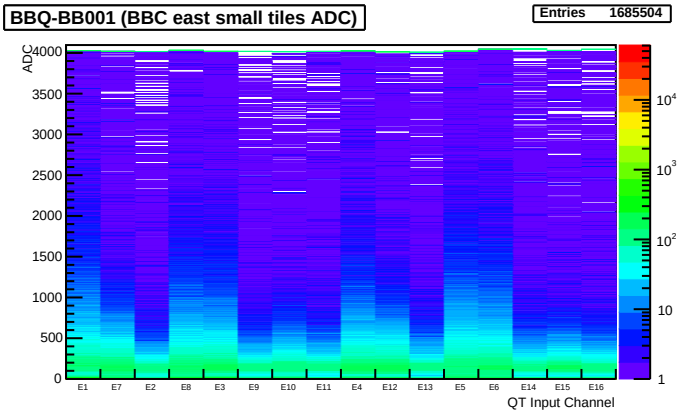

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 210688
TAC sum
1st-Best
2nd-Best
ID

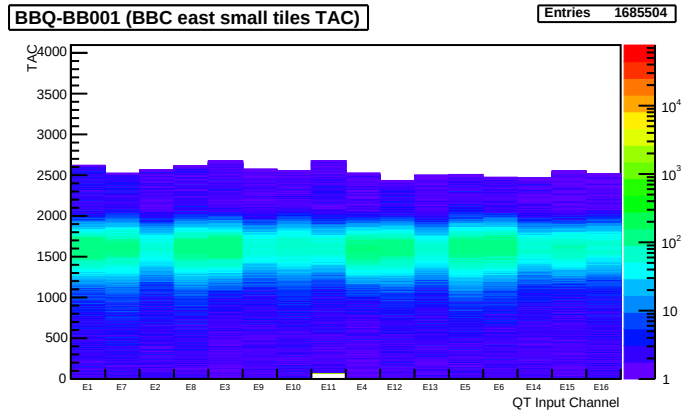

MIX-MT102 Input: VP003 Max TAC
Entries 105344

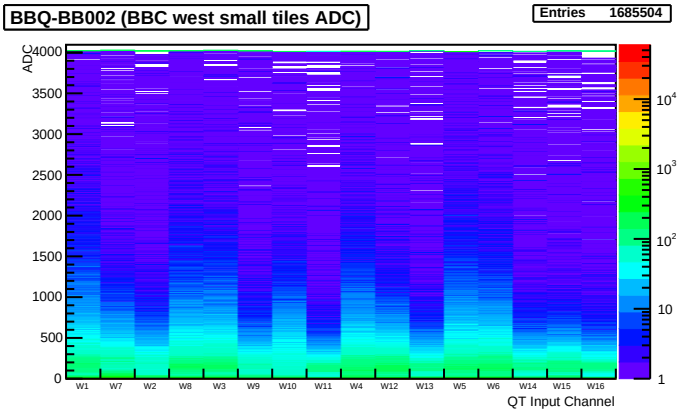

MIX-MT102 Input: VP004 Max TAC
Entries 105344

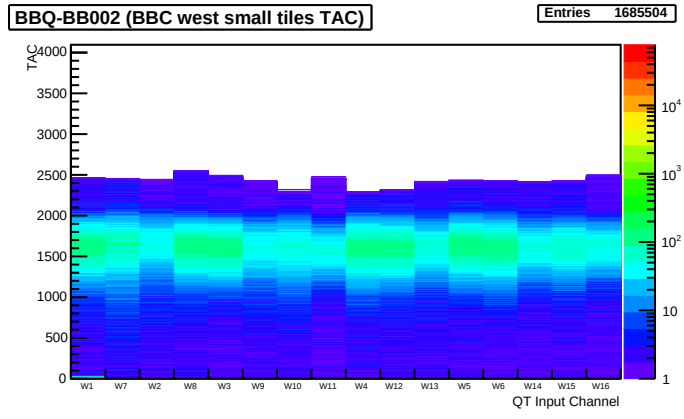

MXQ-PP001
Entries 1685504
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

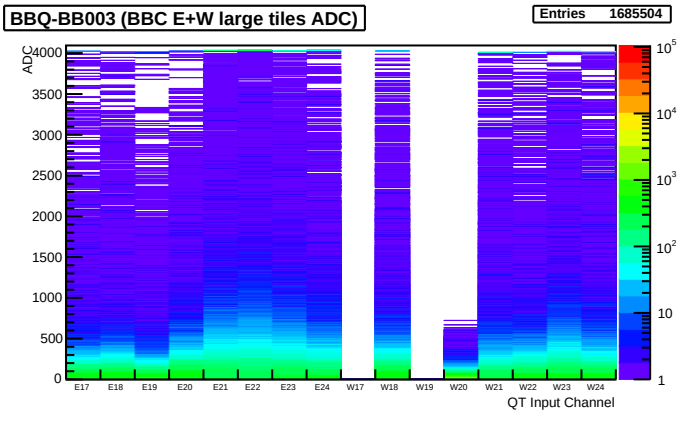

MXQ-PP001
Entries 1685504
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

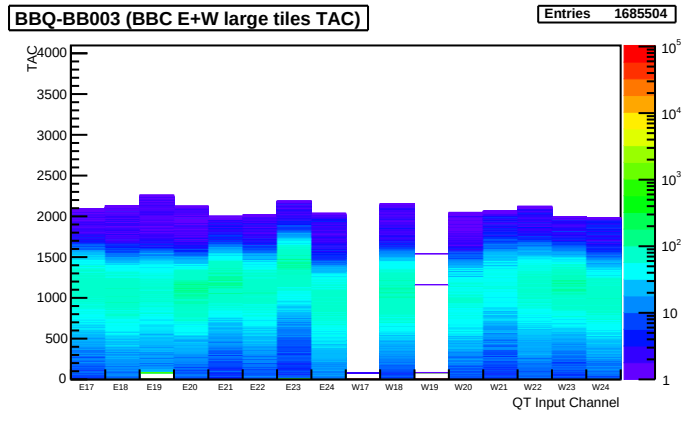

BBQ-BB001 (BBC east small tiles ADC)
Entries 1685504
ADC
QT Input Channel

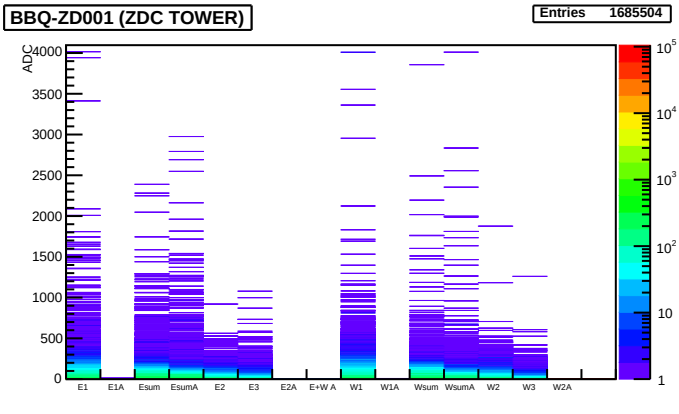

BBQ-BB001 (BBC east small tiles TAC)
Entries 1685504
TAC
QT Input Channel

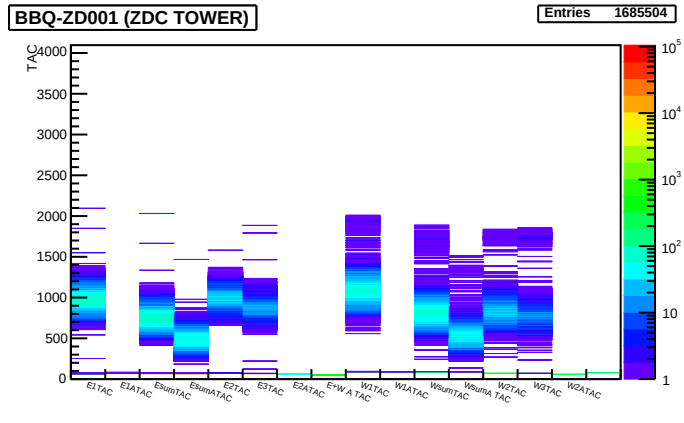

BBQ-BB002 (BBC west small tiles ADC)
Entries 1685504
ADC
QT Input Channel

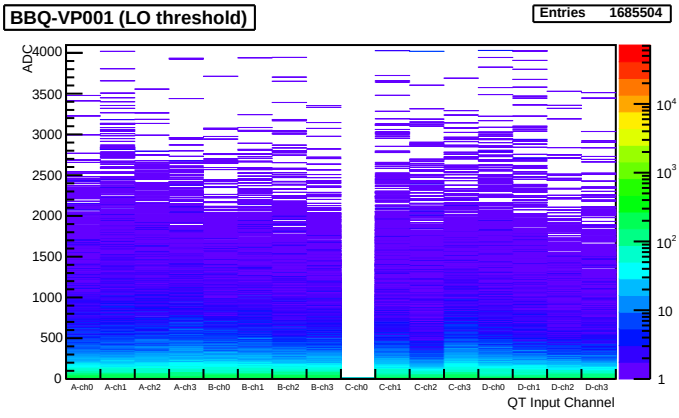

BBQ-BB002 (BBC west small tiles TAC)
Entries 1685504
TAC
QT Input Channel

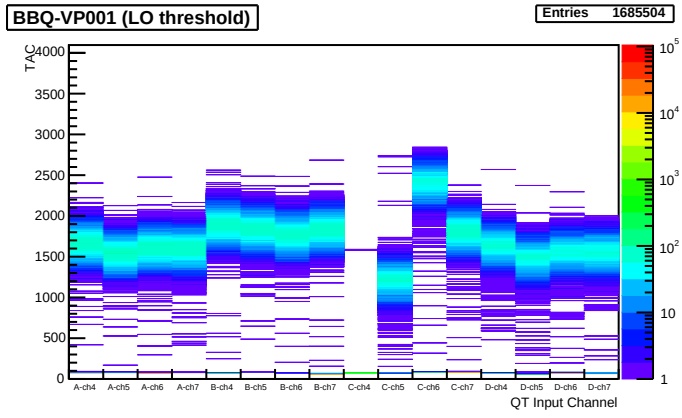

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1685504
ADC
QT Input Channel

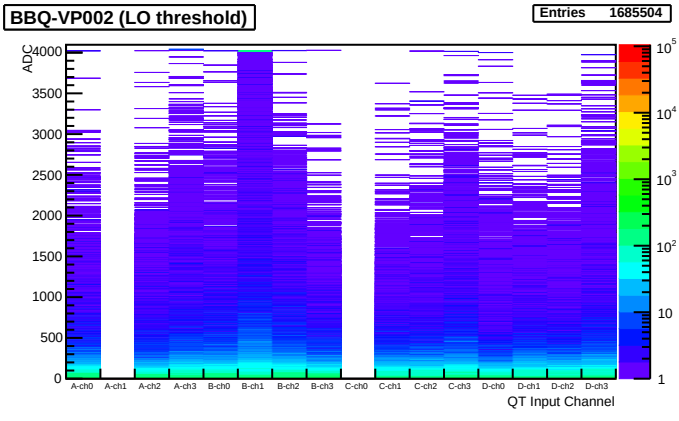

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1685504
TAC
QT Input Channel

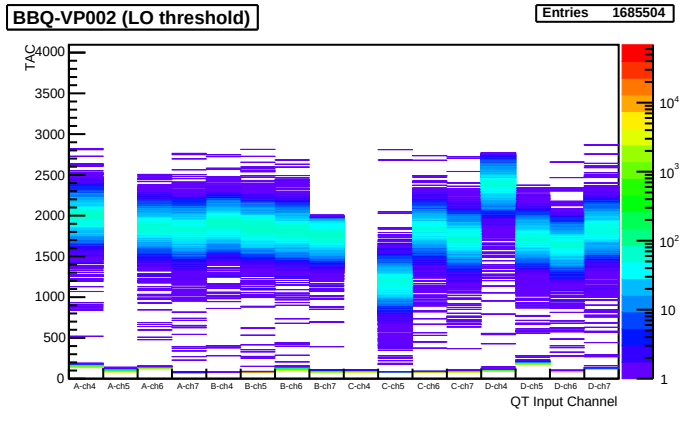

BBQ-ZD001 (ZDC TOWER)
Entries 1685504
ADC

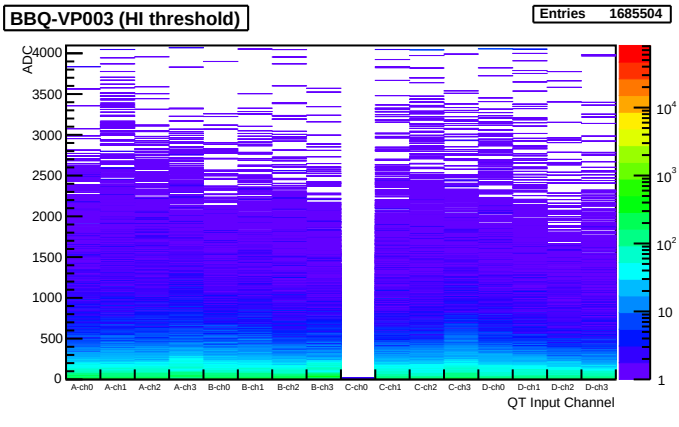

BBQ-ZD001 (ZDC TOWER)
Entries 1685504
TAC

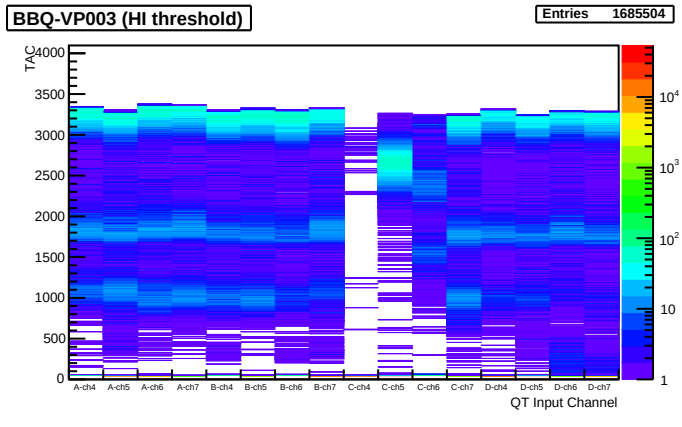

BBQ-VP001 (LO threshold)
Entries 1685504
ADC
QT Input Channel

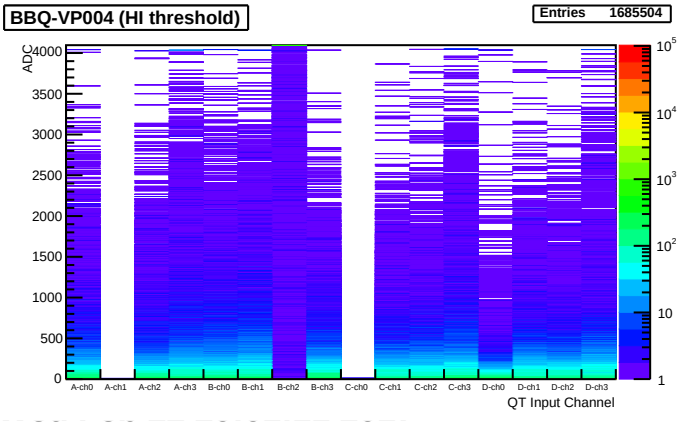

BBQ-VP001 (LO threshold)
Entries 1685504
TAC
QT Input Channel

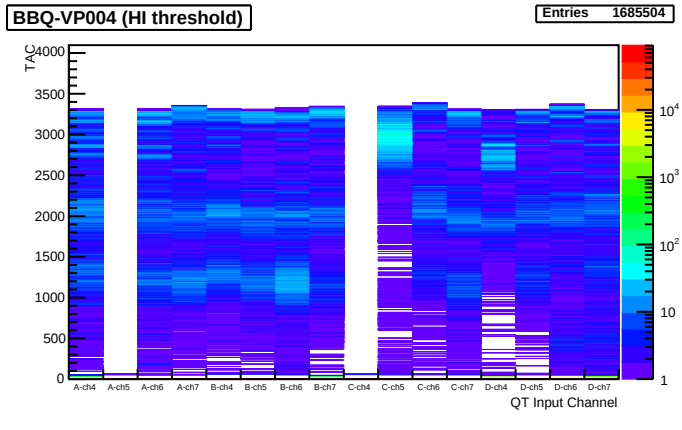

BBQ-VP002 (LO threshold)
Entries 1685504
ADC
QT Input Channel

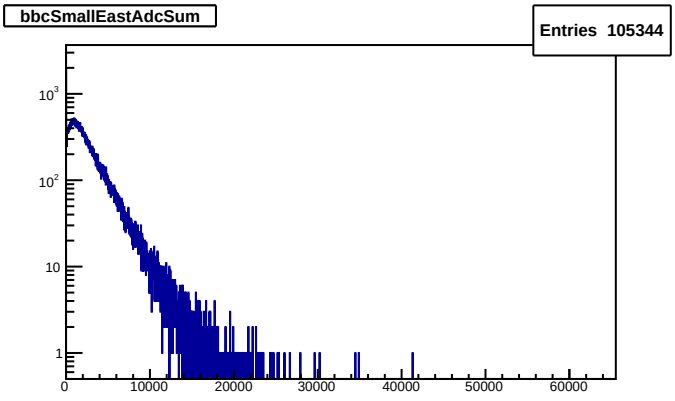

BBQ-VP002 (LO threshold)
Entries 1685504
TAC
QT Input Channel

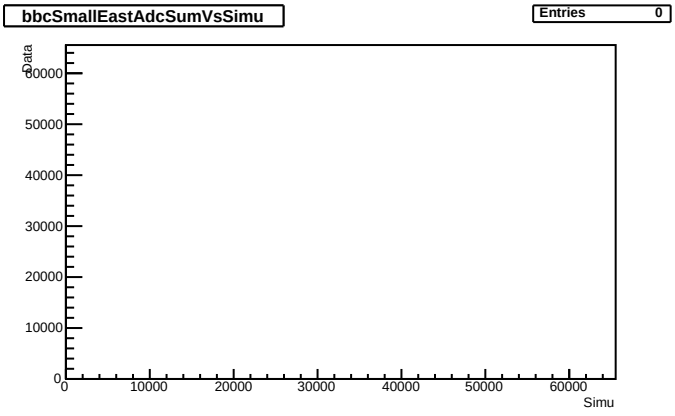

BBQ-VP003 (HI threshold)
Entries 1685504
ADC
QT Input Channel

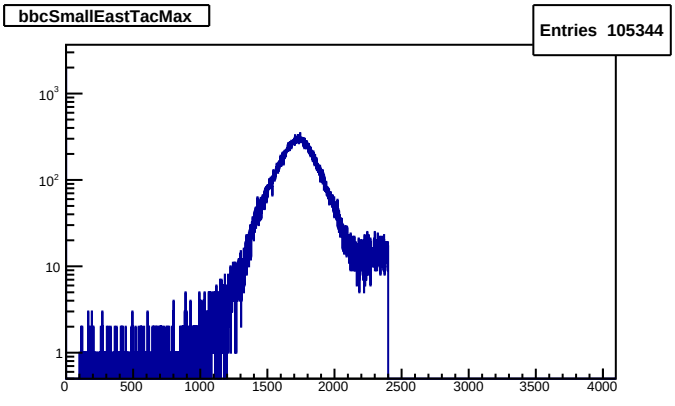

BBQ-VP003 (HI threshold)
Entries 1685504
TAC
QT Input Channel

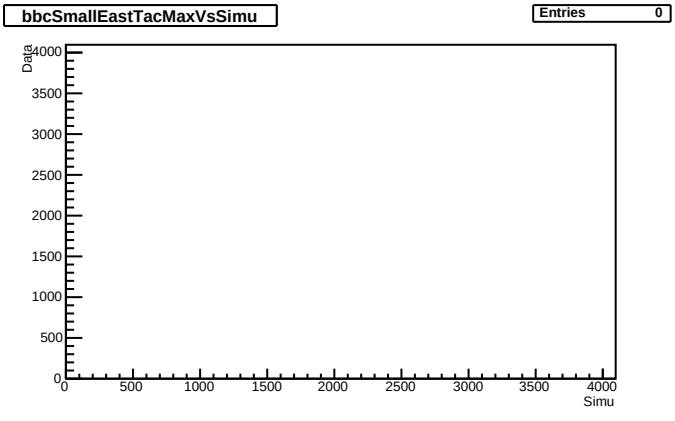

BBQ-VP004 (HI threshold)
Entries 1685504
ADC
QT Input Channel

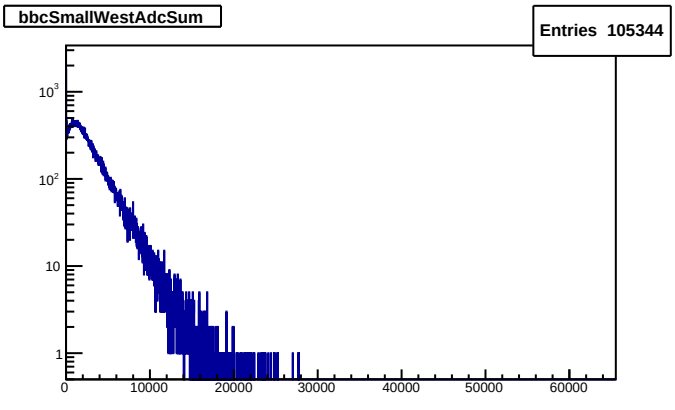

BBQ-VP004 (HI threshold)
Entries 1685504
TAC
QT Input Channel

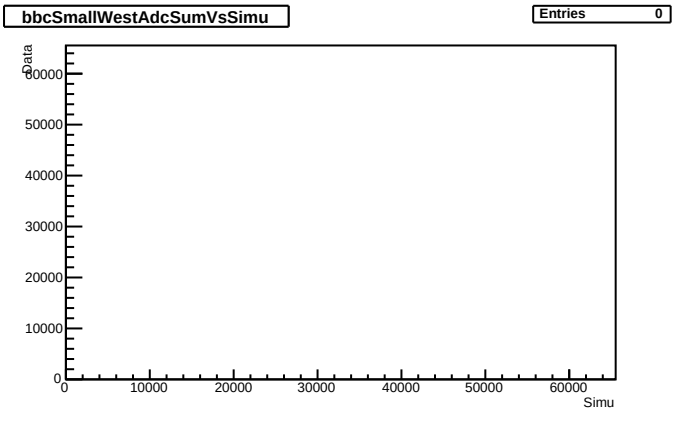

bbcSmallEastAdcSum
Entries 105344

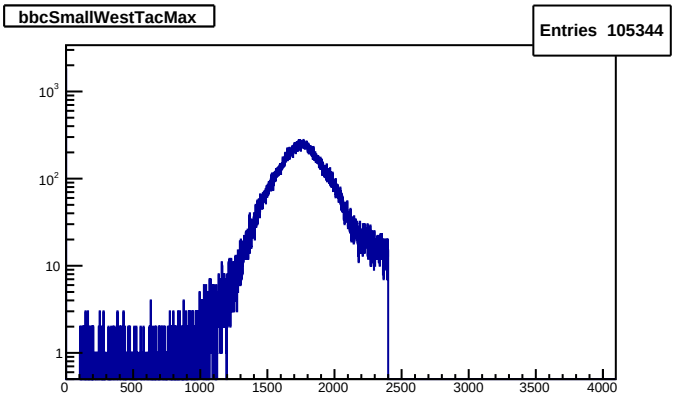

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

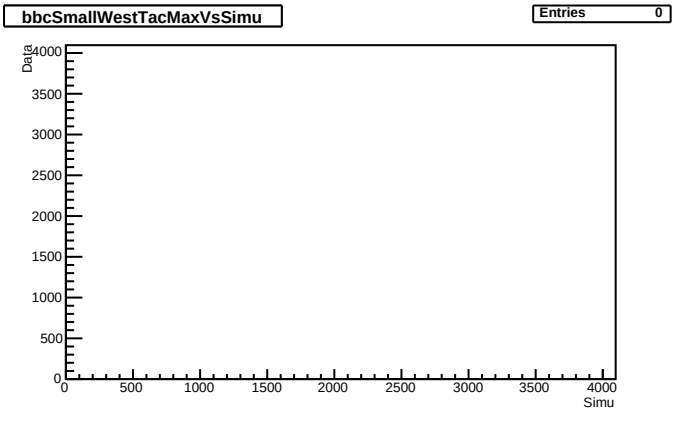

bbcSmallEastTacMax
Entries 105344

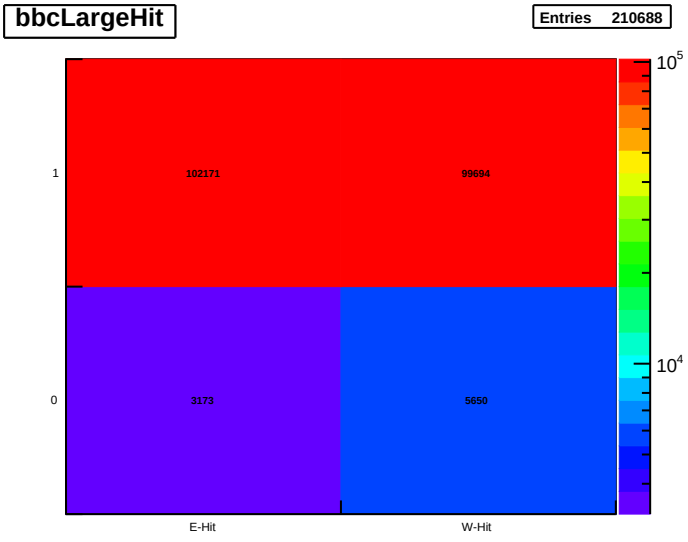

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

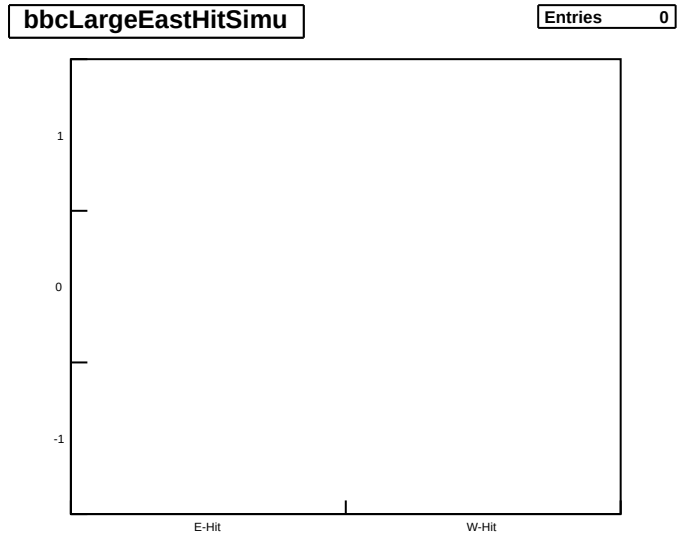

bbcSmallWestAdcSum
Entries 105344

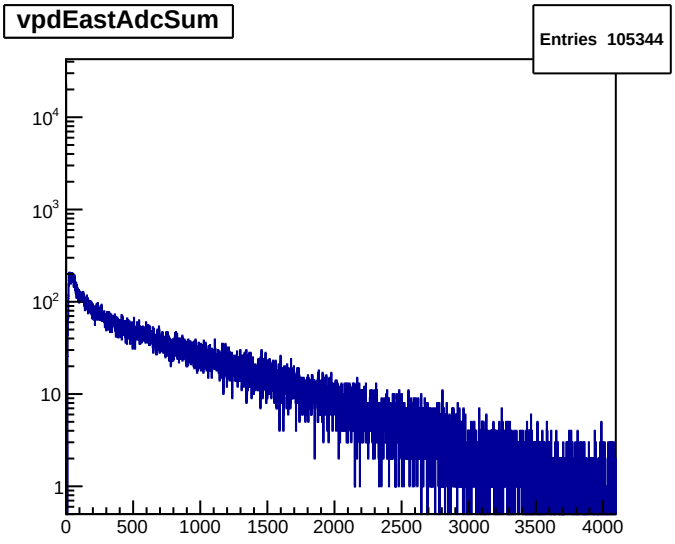

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

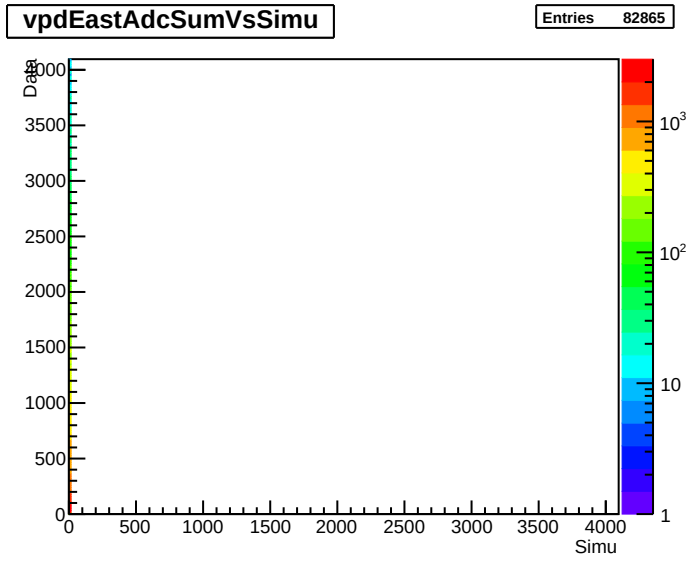

bbcSmallWestTacMax
Entries 105344

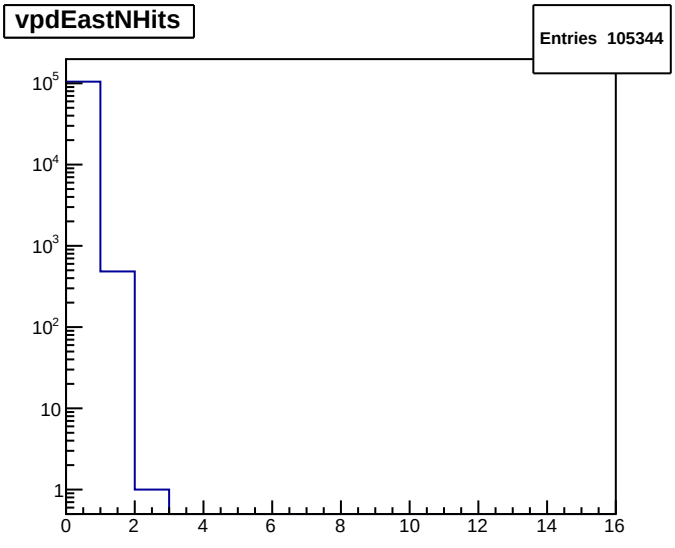

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

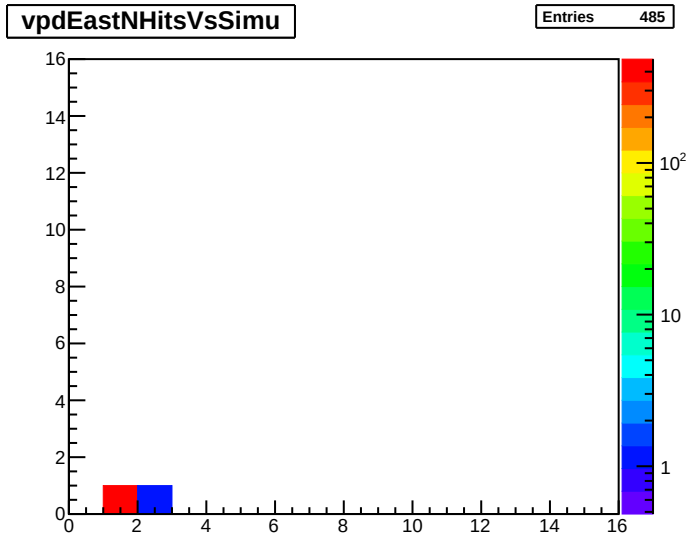

bbcLargeHit
Entries 210688
102171
99694
3173
5650
1
0
E-Hit
W-Hit
$10^5$
$10^4$

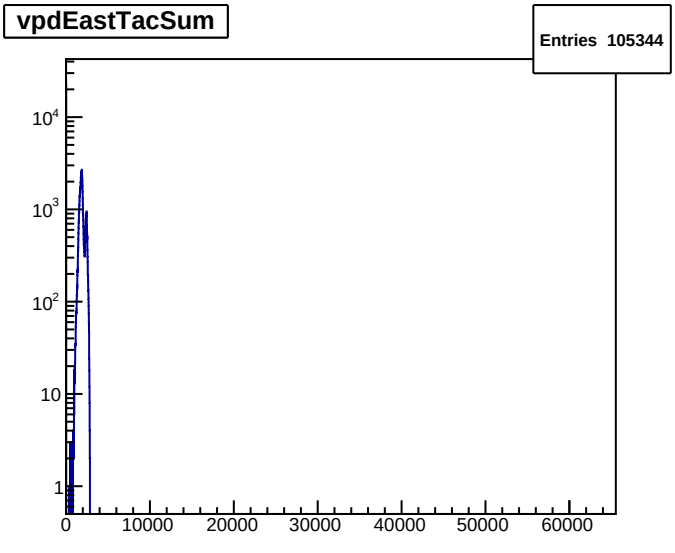

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

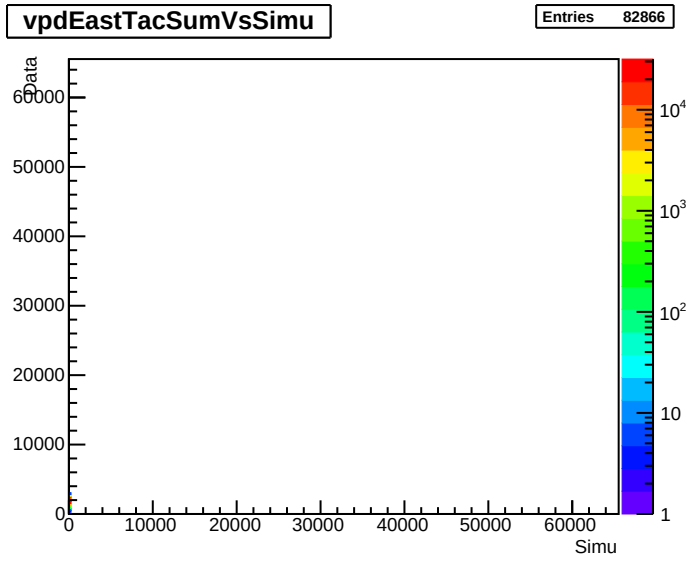

vpdEastAdcSum
Entries 105344

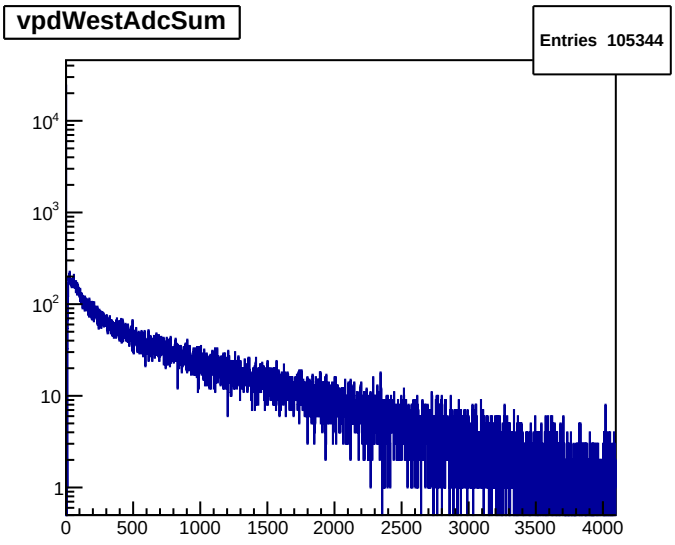

vpdEastAdcSumVsSimu
Entries 82865
Data
Simu

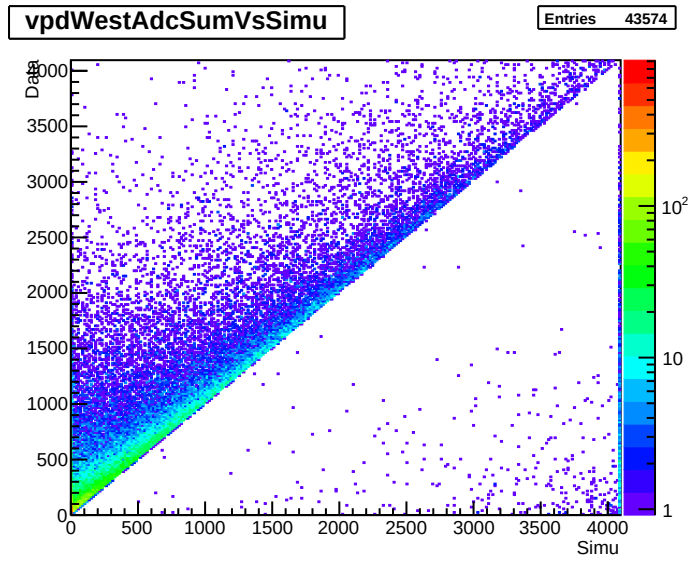

vpdEastNHits
Entries 105344

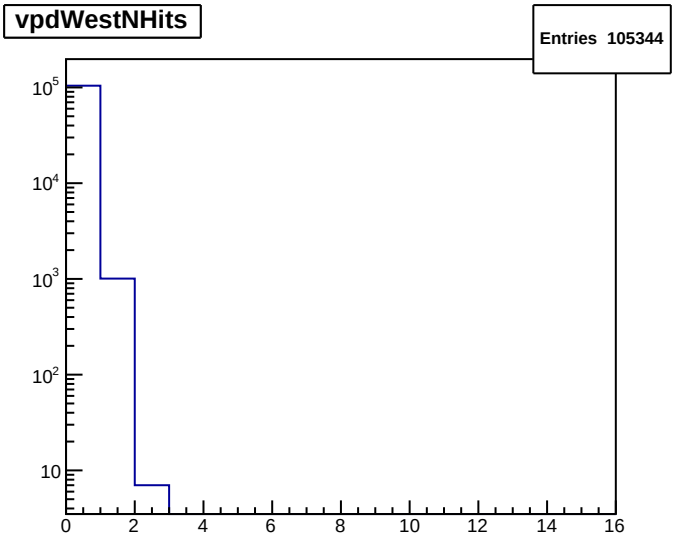

vpdEastNHitsVsSimu
Entries 485

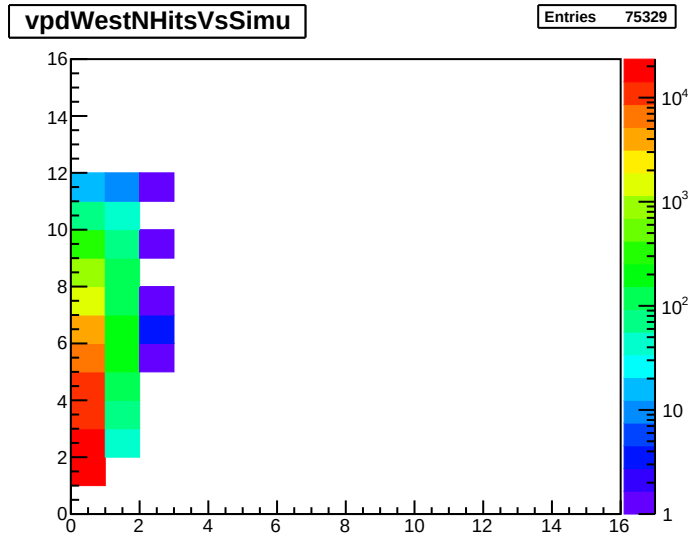

vpdEastTacSum
Entries 105344

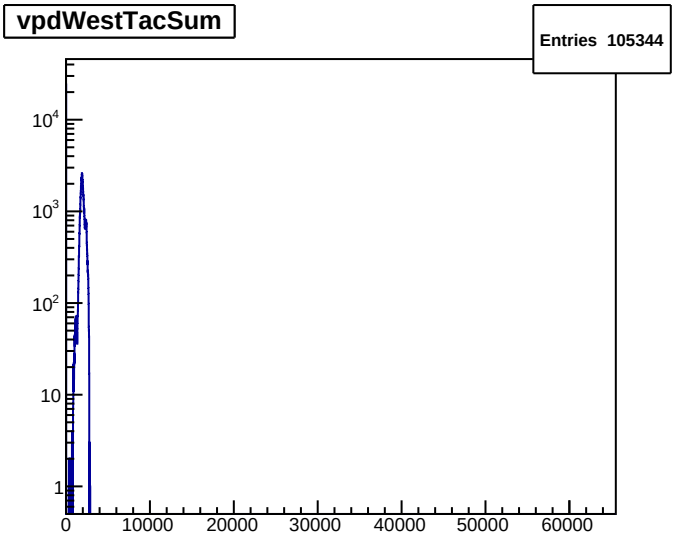

vpdEastTacSumVsSimu
Entries 82866
Data
Simu

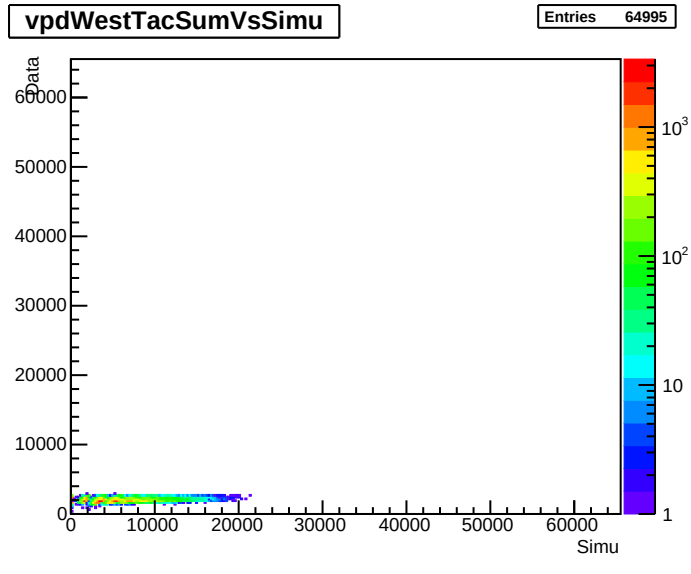

vpdWestAdcSum
Entries 105344

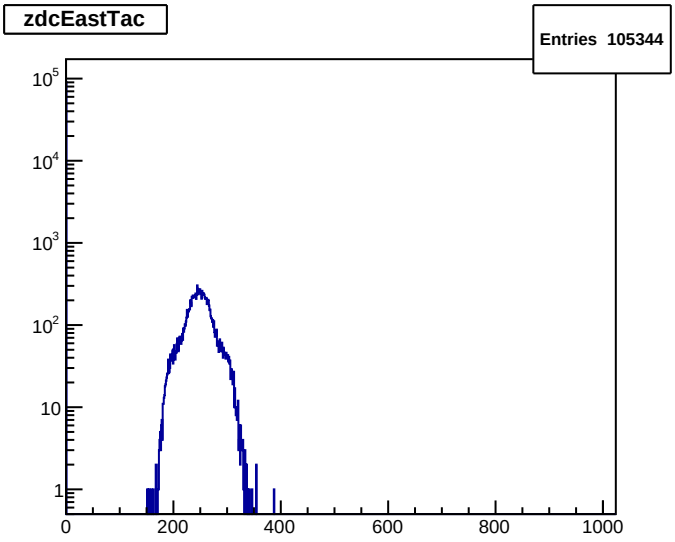

vpdWestAdcSumVsSimu
Entries 43574
Data
Simu

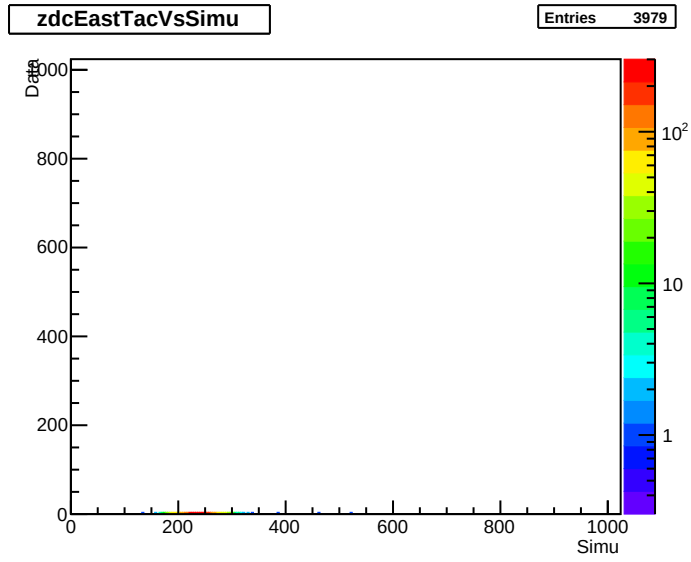

vpdWestNHits
Entries 105344

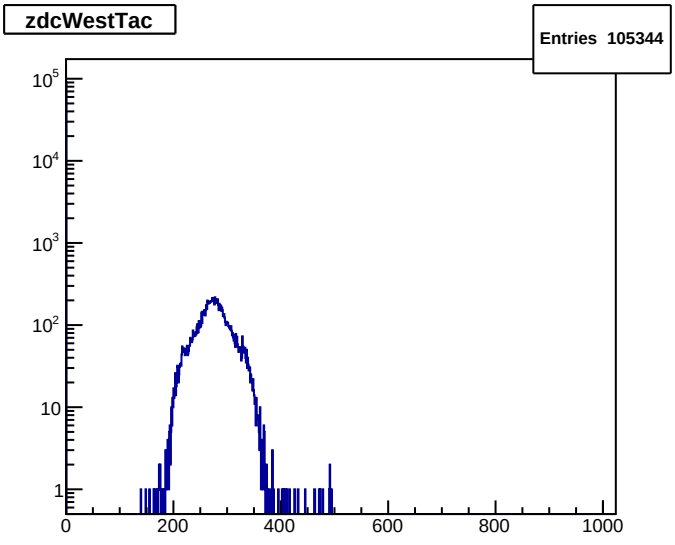

vpdWestNHitsVsSimu
Entries 75329

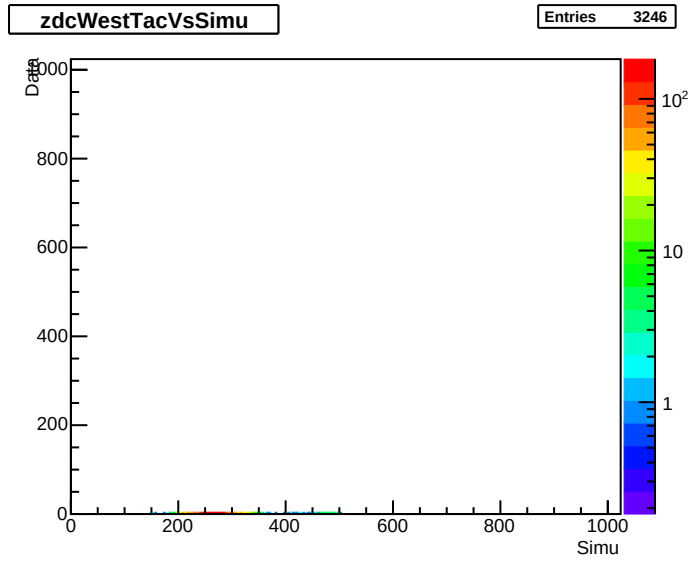

vpdWestTacSum
Entries 105344

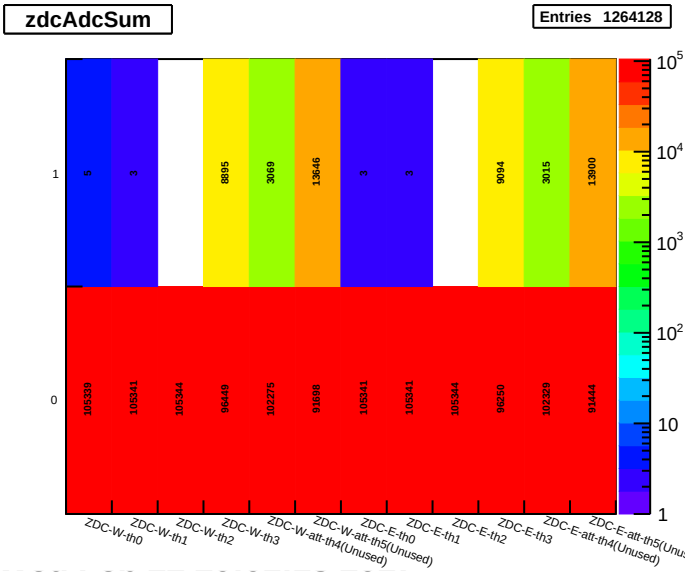

vpdWestTacSumVsSimu
Entries 64995
Data
Simu

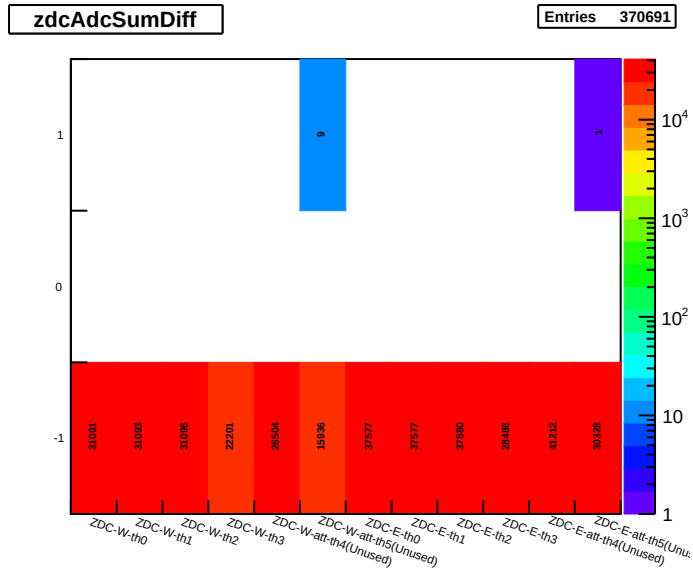

zdcEastTac
Entries 105344

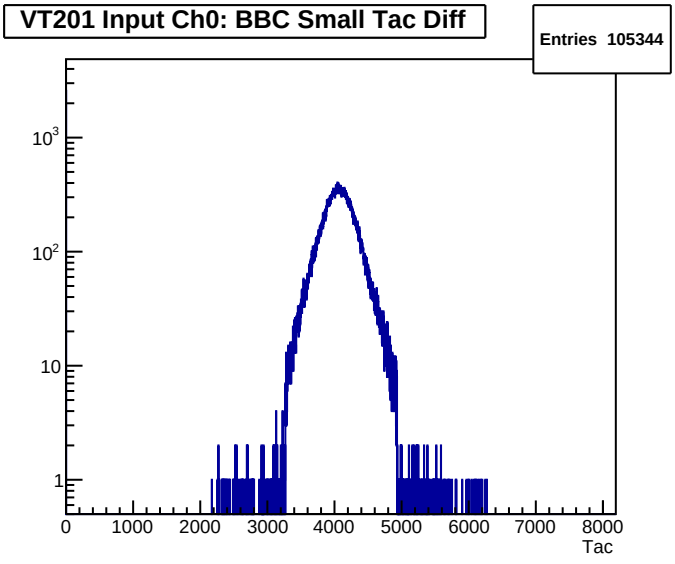

zdcEastTacVsSimu
Entries 3979
Data
Simu

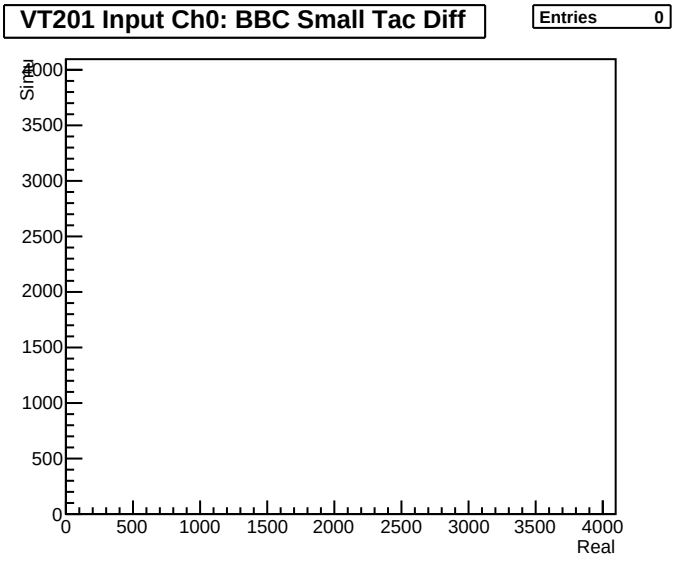

zdcWestTac
Entries 105344

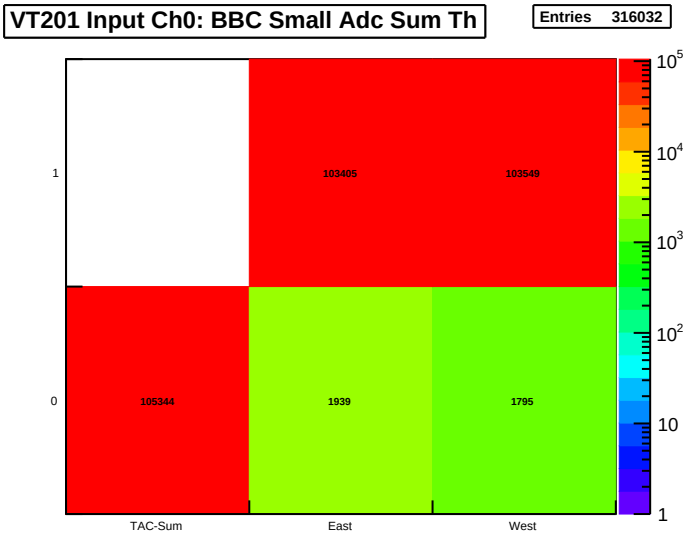

zdcWestTacVsSimu
Entries 3246
Data
Simu

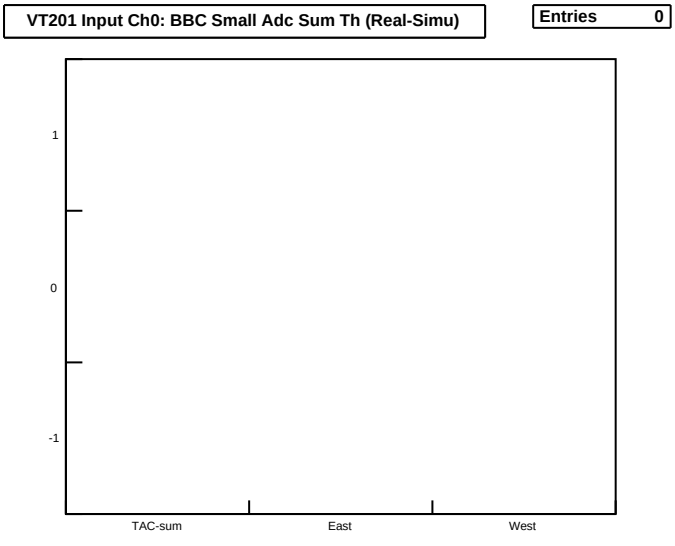

zdcAdcSum
Entries 1264128
5
3
8895
3069
13646
3
3
9094
3015
13900
105339
105341
105344
96449
102275
91698
105341
105341
105344
96250
102329
91444
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

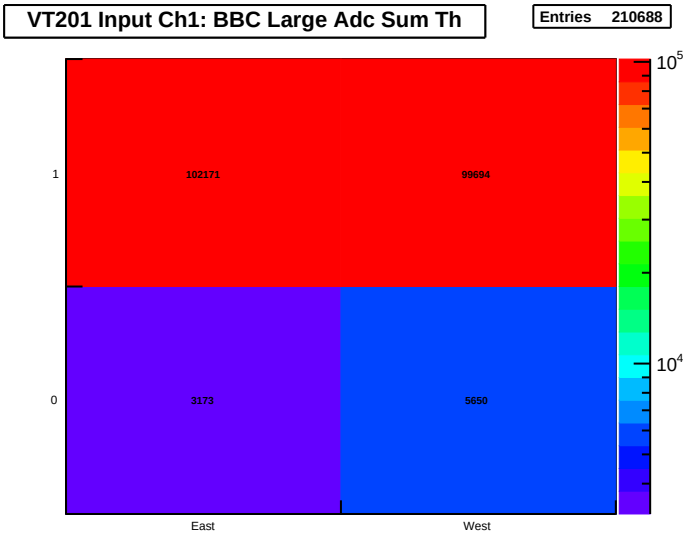

zdcAdcSumDiff
Entries 370691
9
1
31091
31093
31096
22201
26504
15936
37577
37577
37580
28486
41212
30328
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

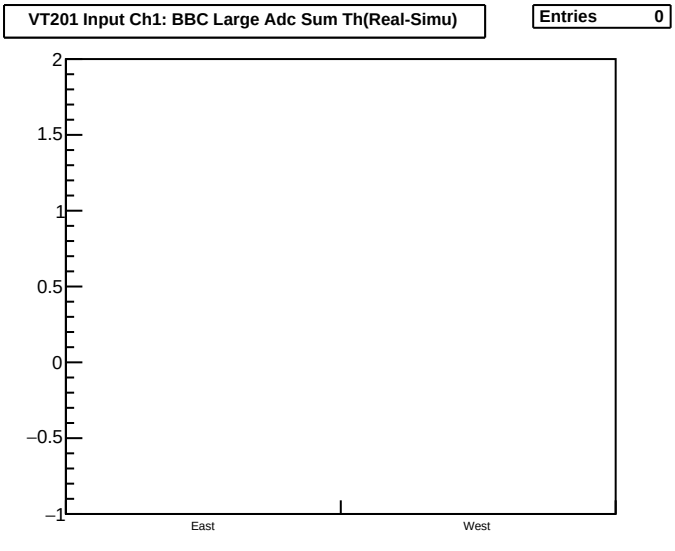

VT201 Input Ch0: BBC Small Tac Diff
Entries 105344
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

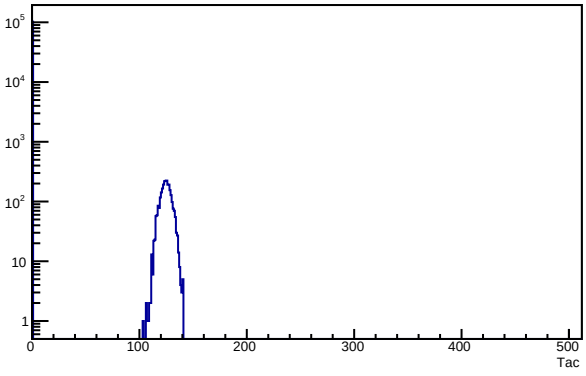

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 316032
103405
103549
105344
1939
1795
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
TAC-sum
East
West

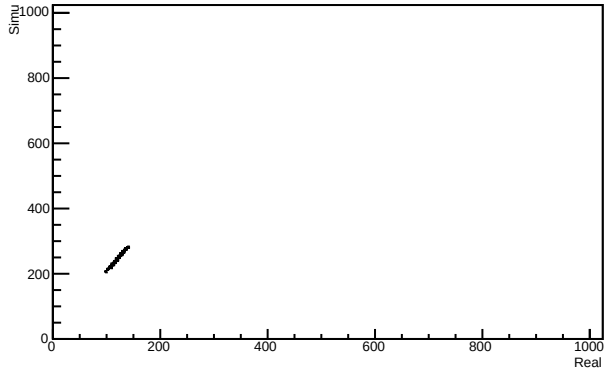

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 210688
102171
99694
3173
5650
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

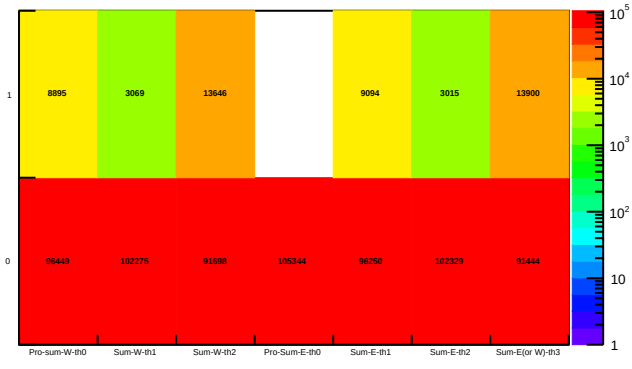
**VT201 Input Ch2: ZDC Tac Diff**



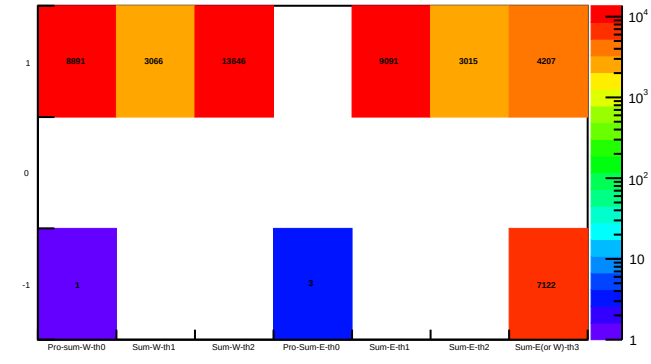

**VT201 Input Ch2: ZDC Tac Diff**



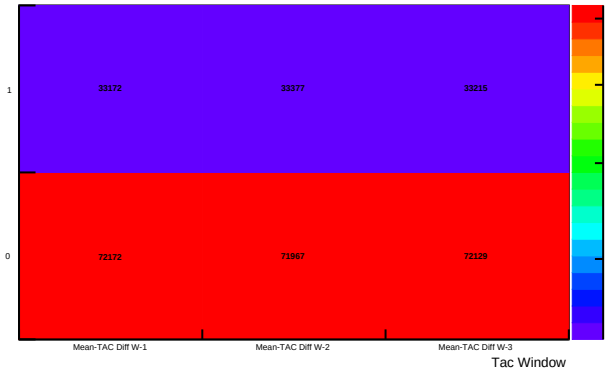

**VT201 Input Ch2: ZDC Adc Sum Th**



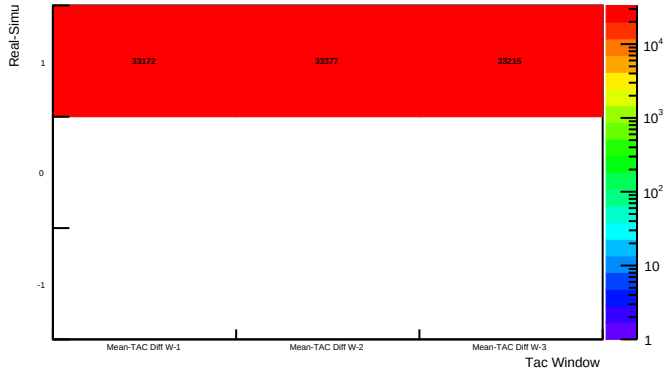

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



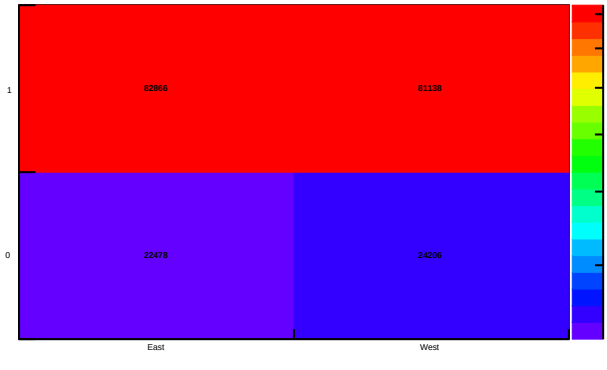

**VT201 Input Ch4: VPD Tac Diff**



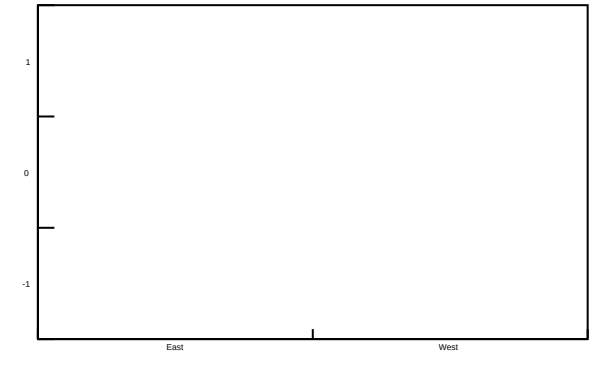

**VT201 Input Ch4: VPD Tac Diff**

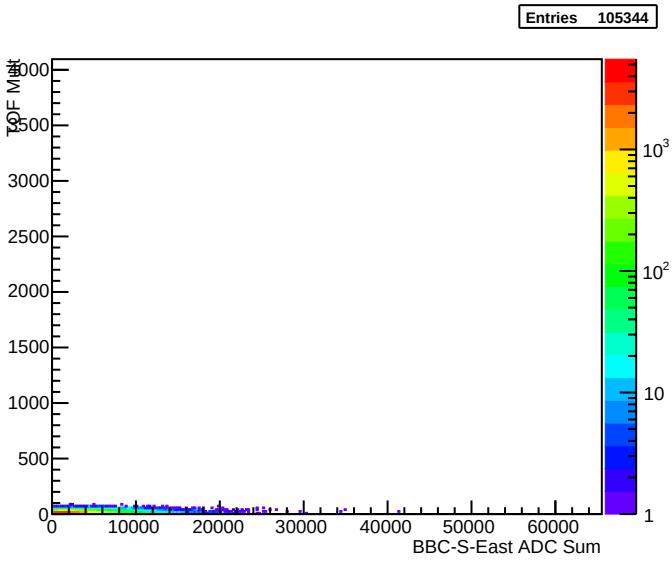


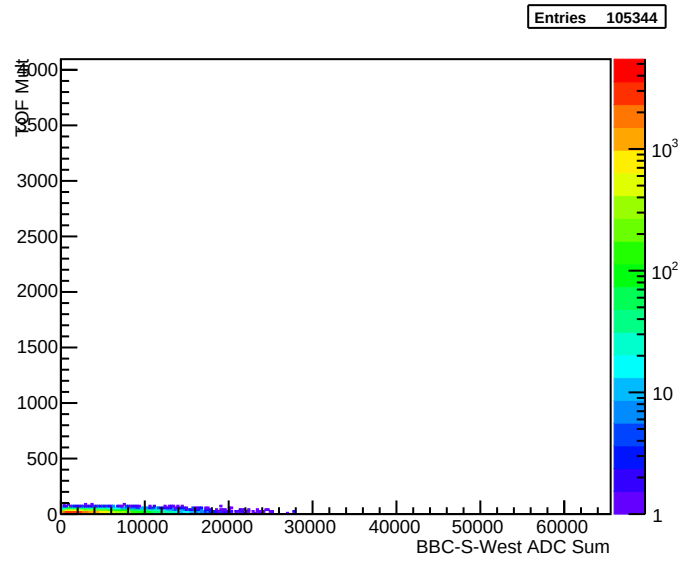

**VT201 Input Ch4: VPD Adc Sum Th**

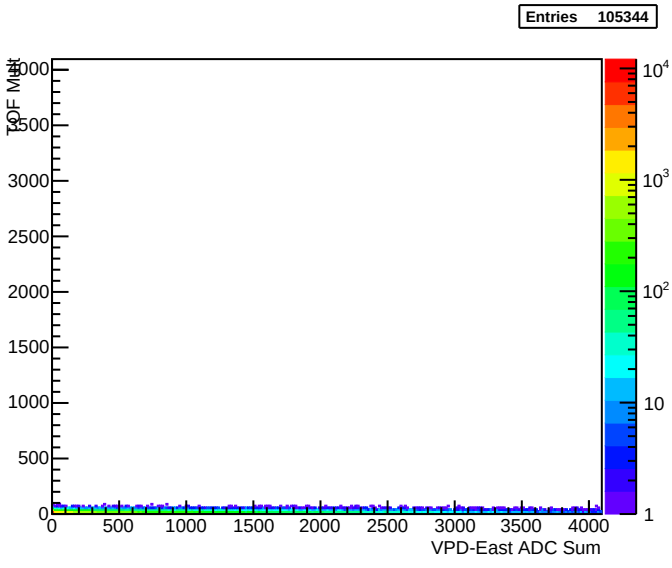


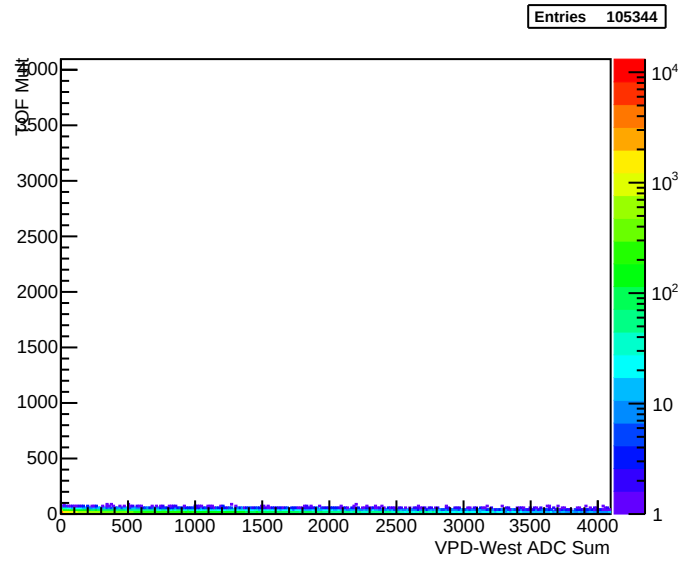

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

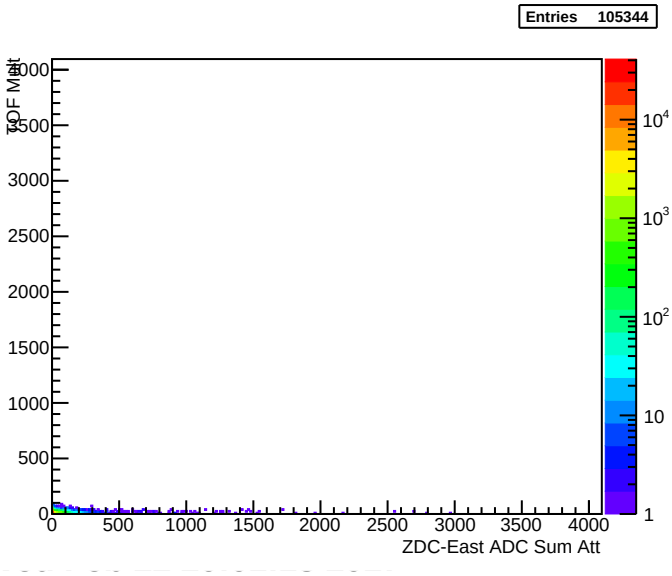


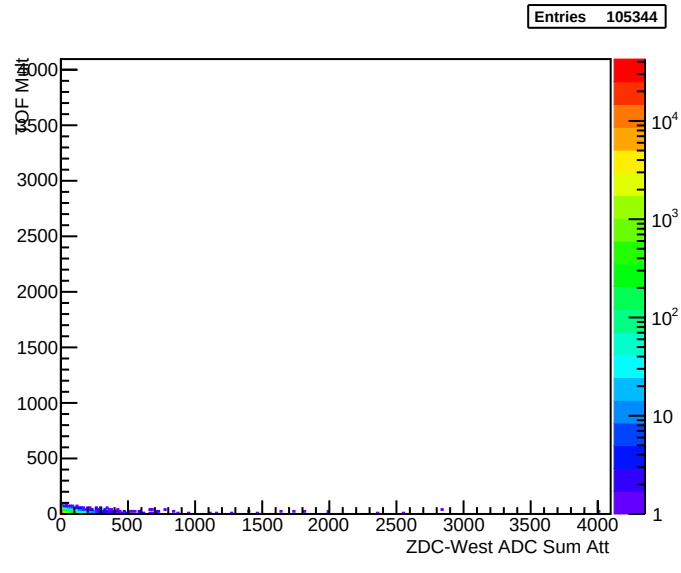

Entries 105344
TOF Mult
BBC-S-East ADC Sum

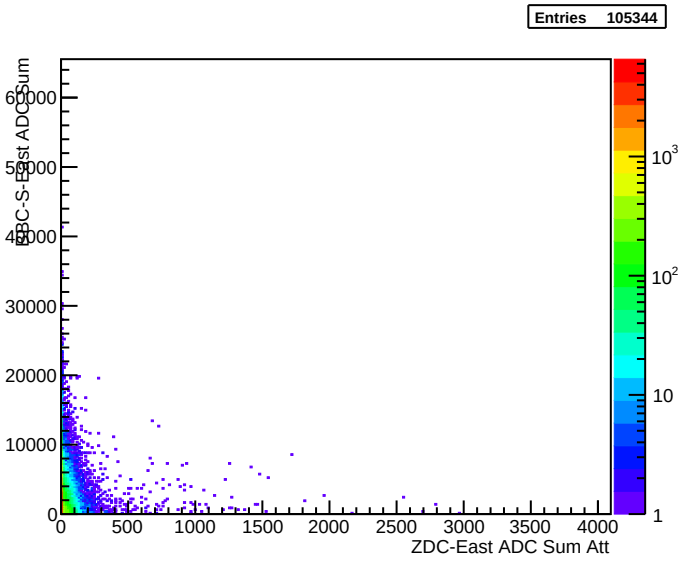

Entries 105344
TOF Mult
BBC-S-West ADC Sum

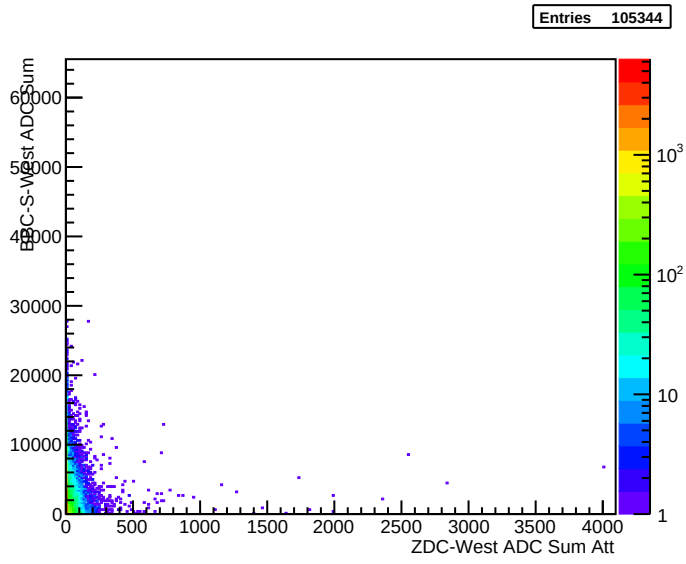

Entries 105344
TOF Mult
VPD-East ADC Sum

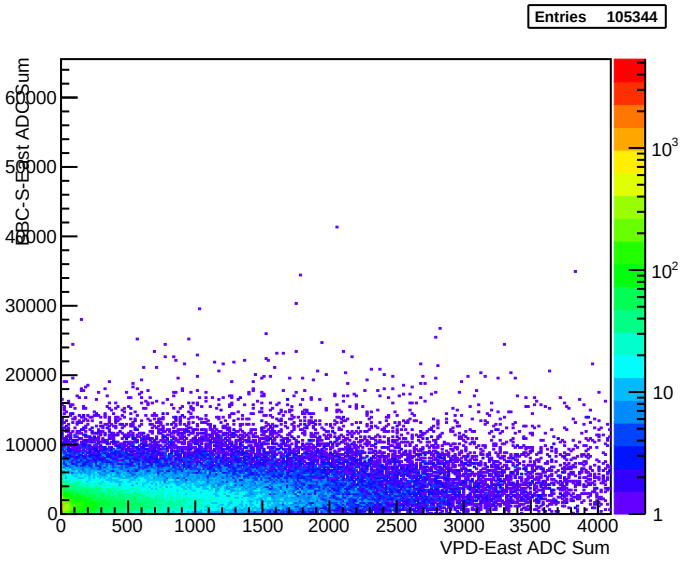

Entries 105344
TOF Mult
VPD-West ADC Sum

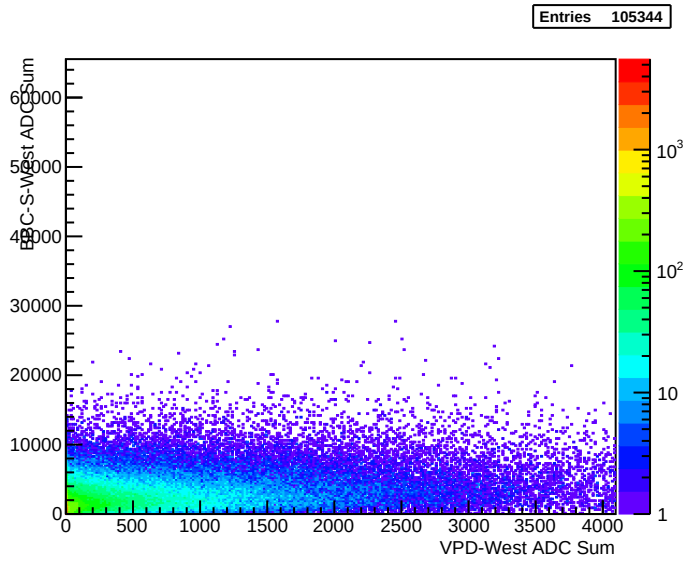

Entries 105344
TOF Mult
ZDC-East ADC Sum Att

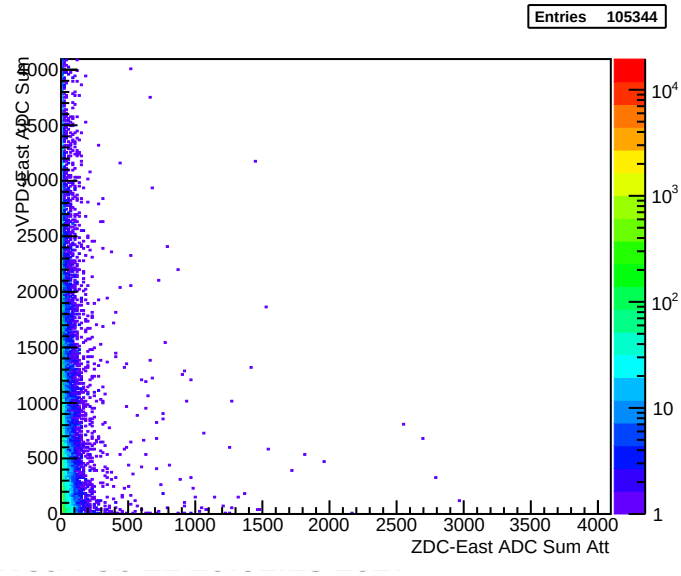

Entries 105344
TOF Mult
ZDC-West ADC Sum Att

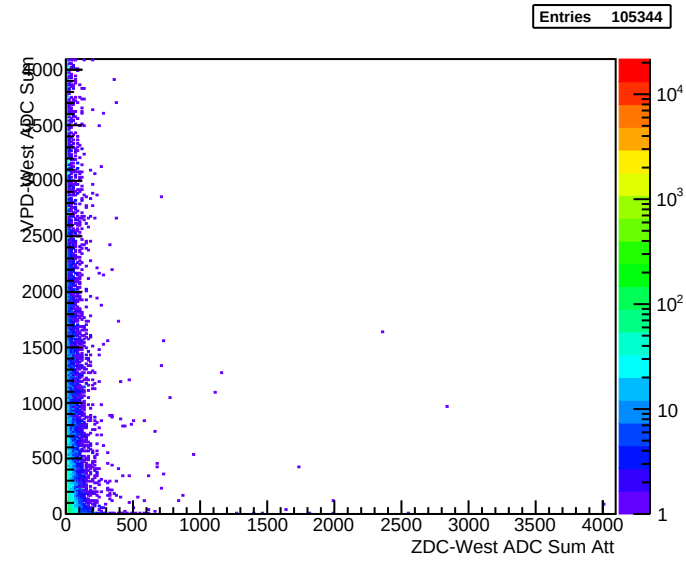

Entries 105344
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

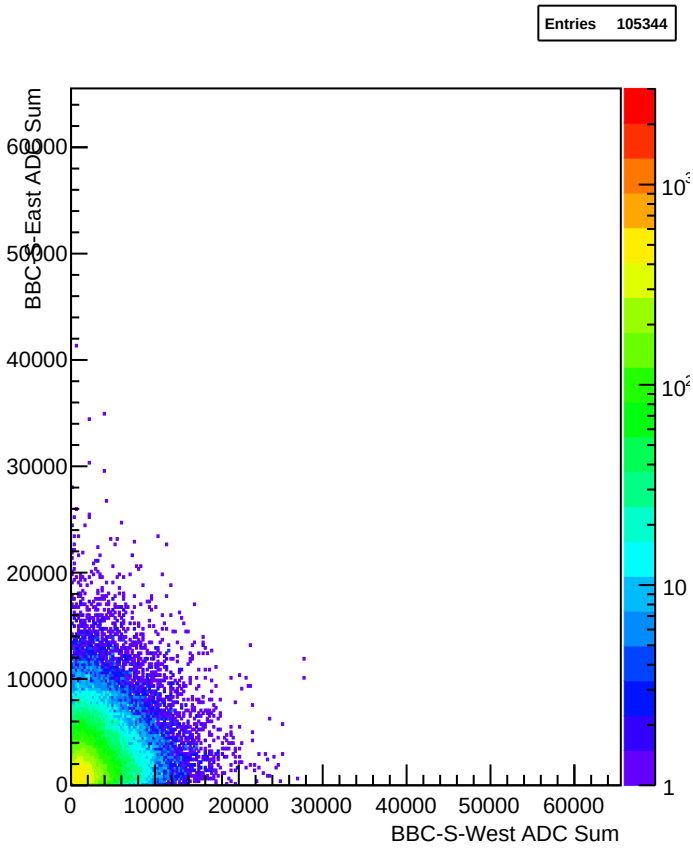

Entries 105344
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

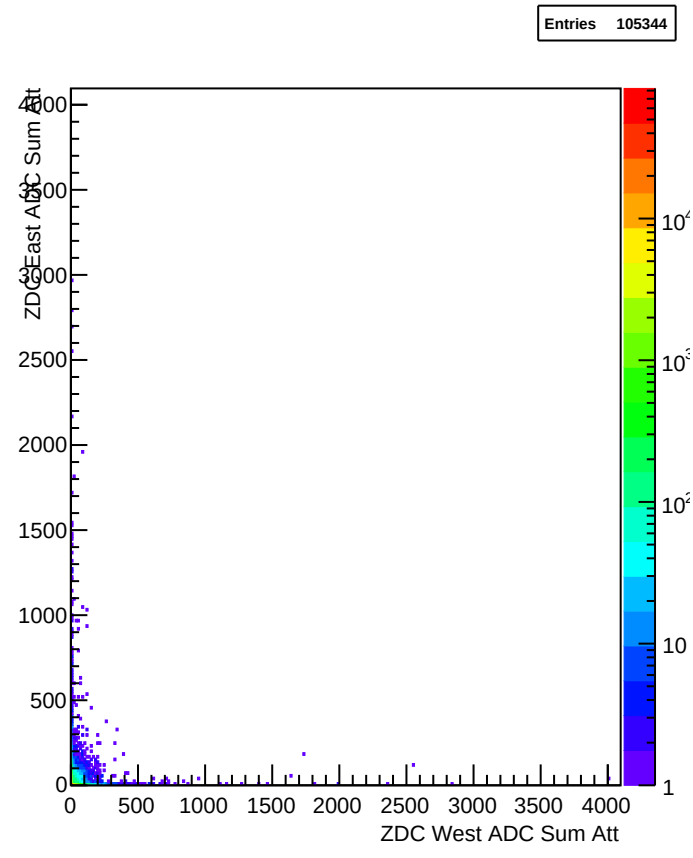

Entries 105344
BBC-S-East ADC Sum
VPD-East ADC Sum

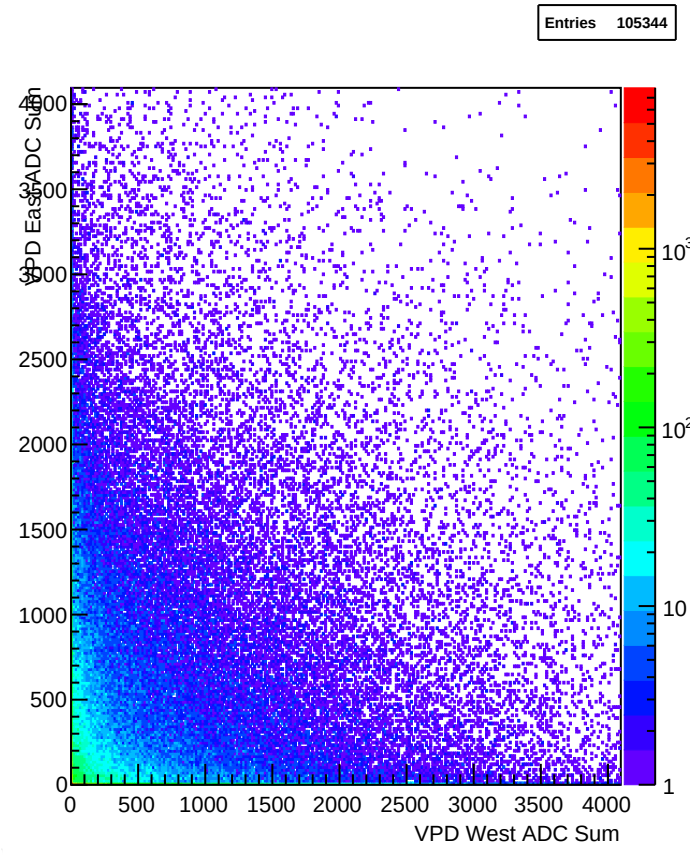

Entries 105344
BBC-S-West ADC Sum
VPD-West ADC Sum

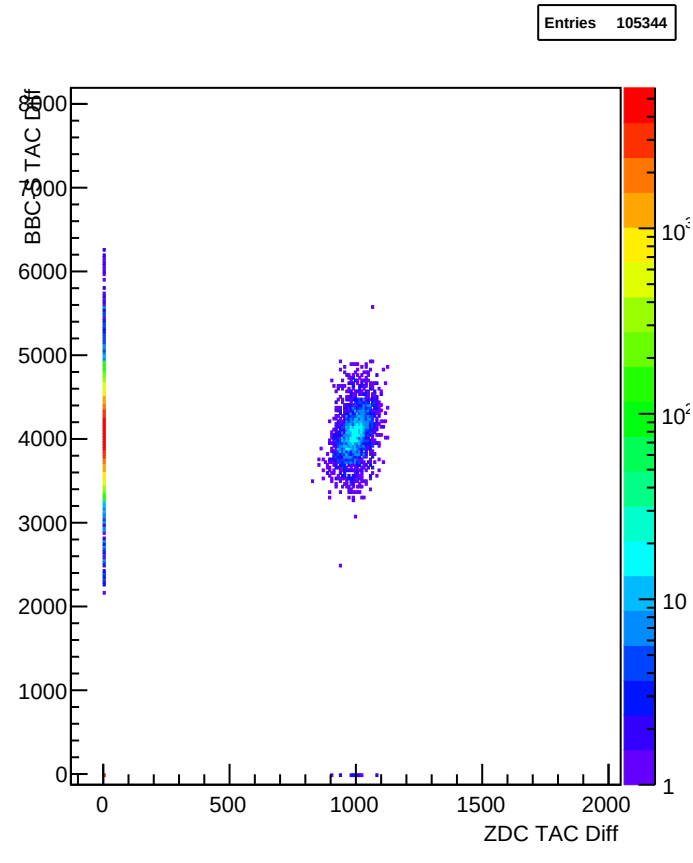

Entries 105344
VPD-East ADC Sum
ZDC-East ADC Sum Att

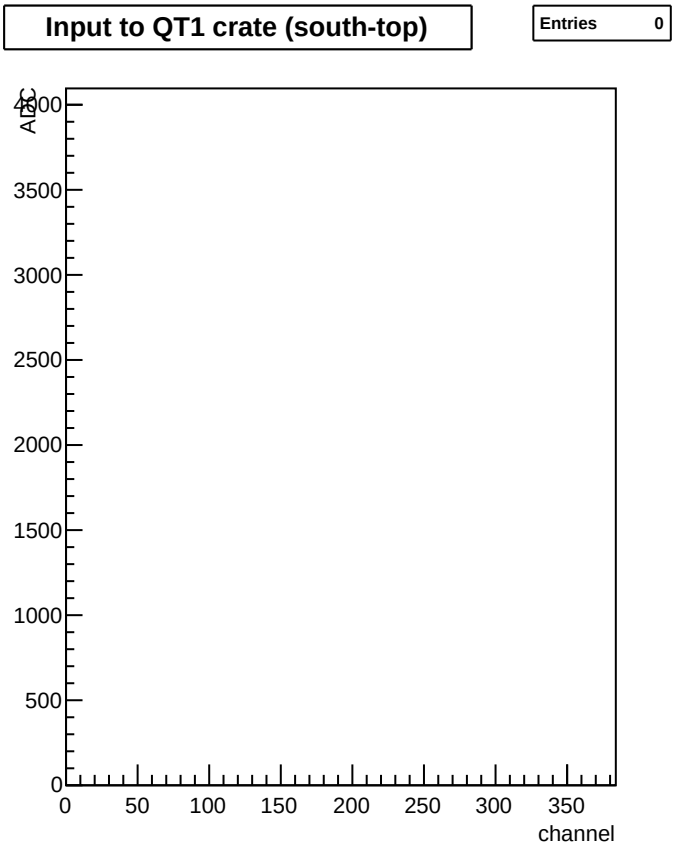

Entries 105344
VPD-West ADC Sum
ZDC-West ADC Sum Att

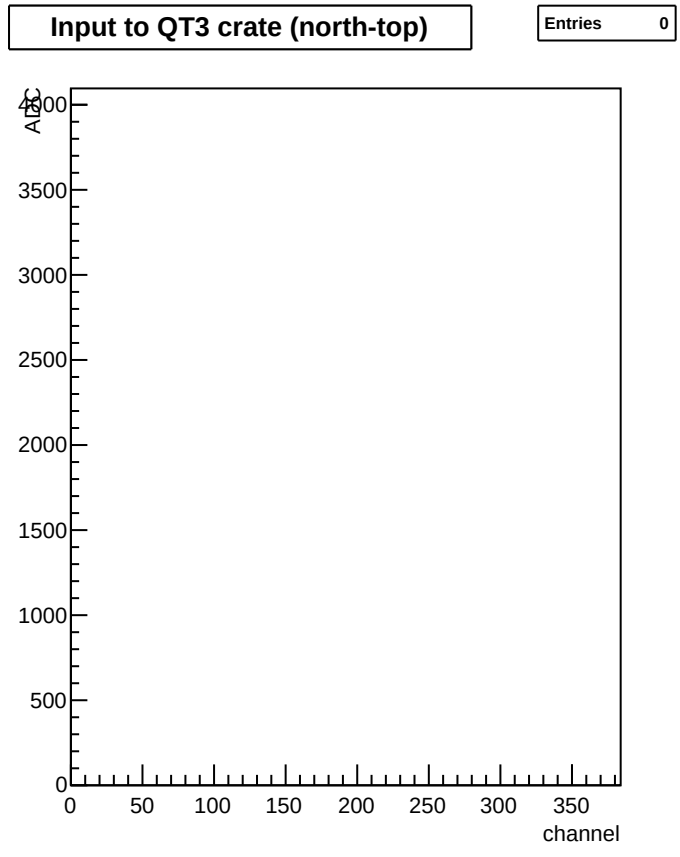

Entries 105344
BBC-S-East ADC Sum
BBC-S-West ADC Sum

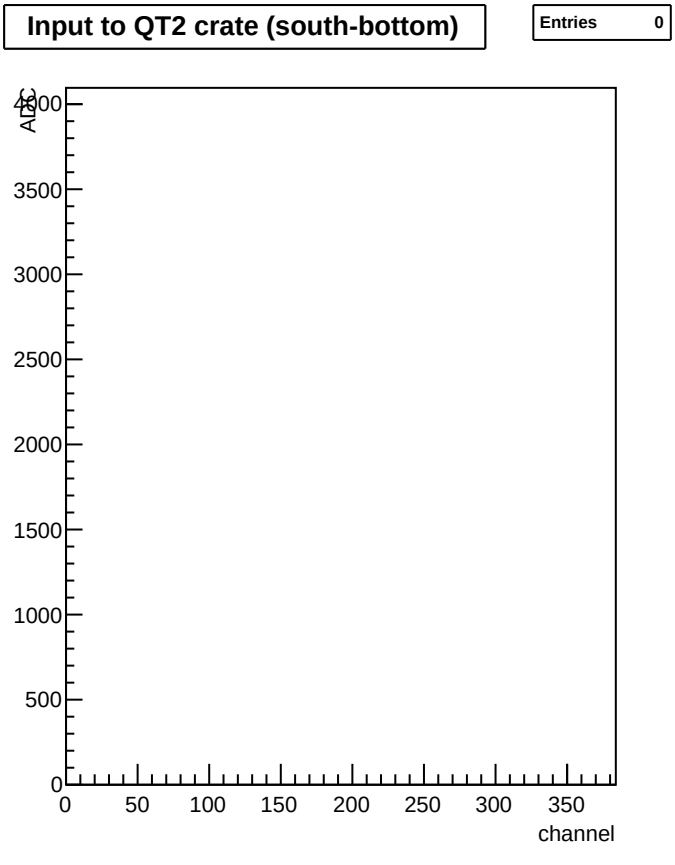

Entries 105344
ZDC East ADC Sum Att
ZDC West ADC Sum Att

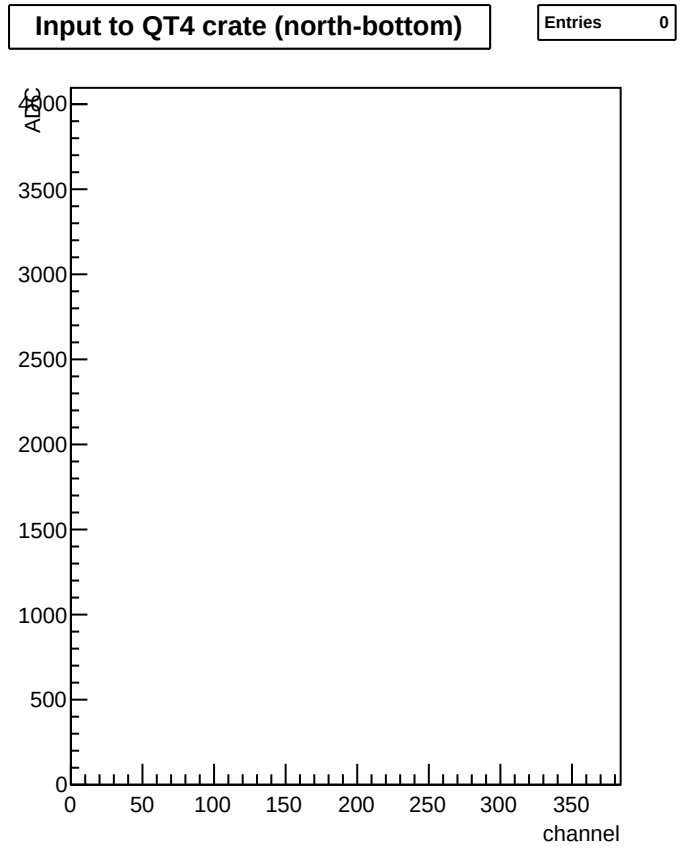

Entries 105344
VPD East ADC Sum
VPD West ADC Sum

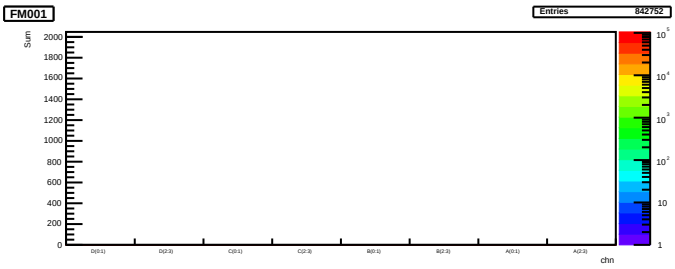

Entries 105344
BBC-S TAC Diff
ZDC TAC Diff

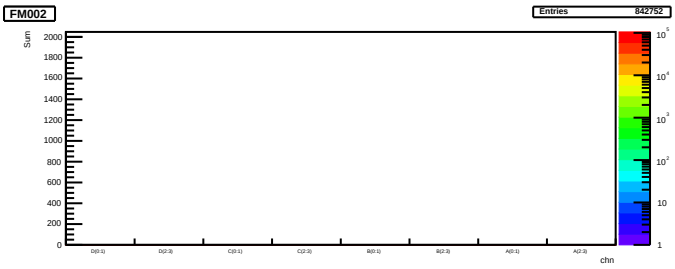

Input to QT1 crate (south-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

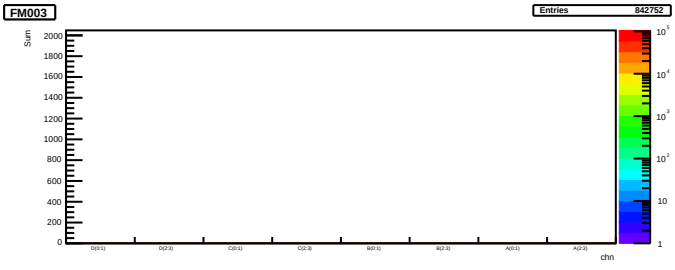

Input to QT3 crate (north-top)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

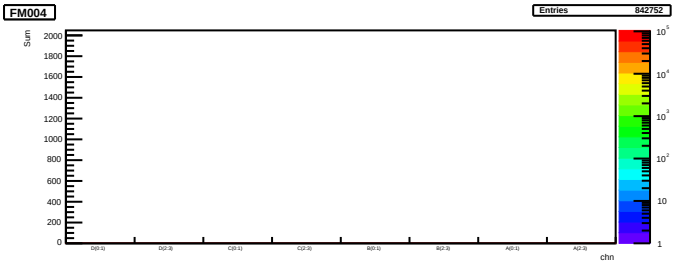

Input to QT2 crate (south-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

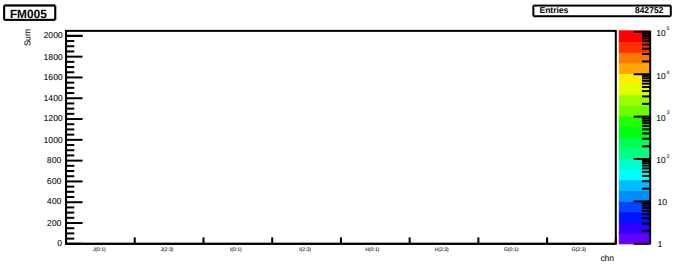

Input to QT4 crate (north-bottom)
Entries 0
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
0 50 100 150 200 250 300 350
channel

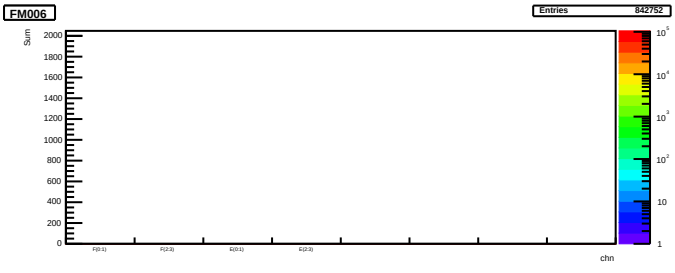

FM001
Entries 842752
Sum
chn

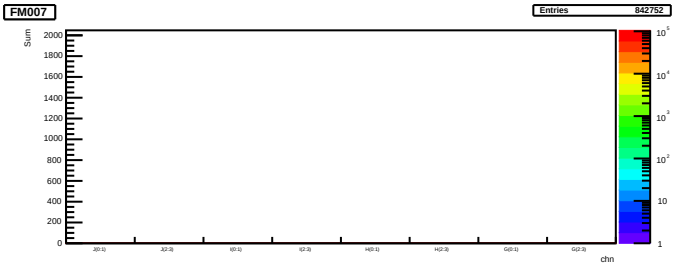

FM002
Entries 842752
Sum
chn

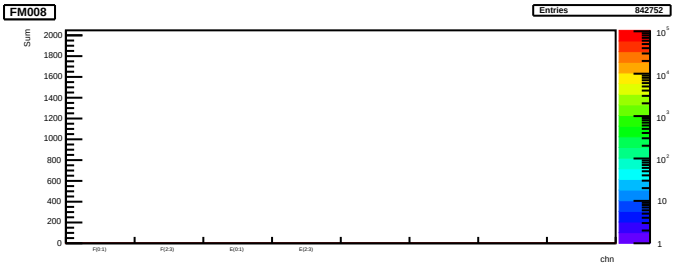

FM003
Entries 842752
Sum
chn

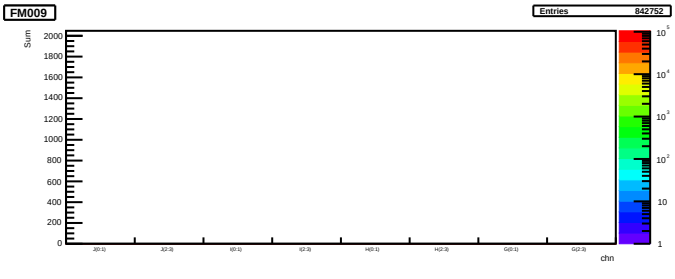

FM004
Entries 842752
Sum
chn

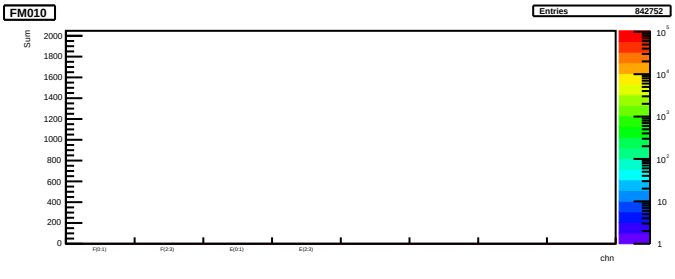

FM005
Entries 842752
Sum
chn


FM006
Entries 842752
Sum
chn


FM007
Entries 842752
Sum
chn


FM008
Entries 842752
Sum
chn


FM009
Entries 842752
Sum
chn


FM010
Entries 842752
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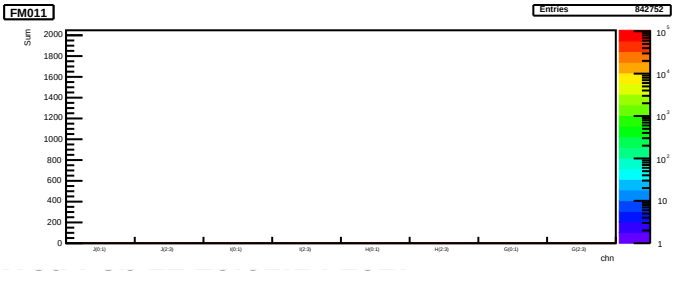
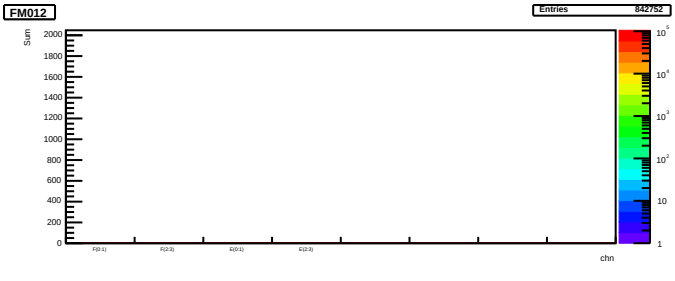

FM011
Entries 842752
Sum
chn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Entries 842752
Sum
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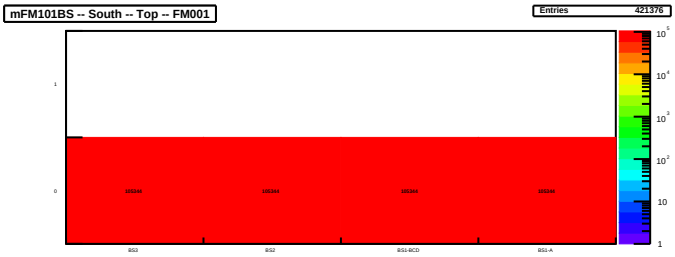
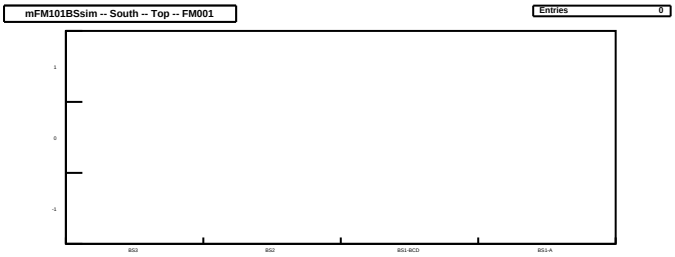
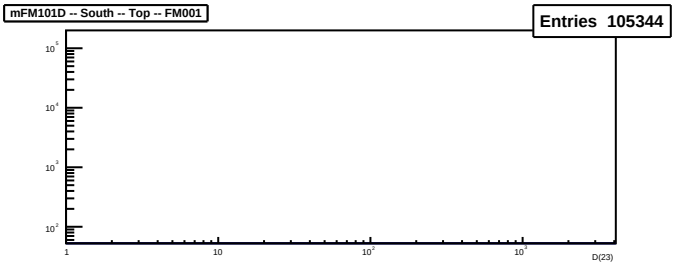
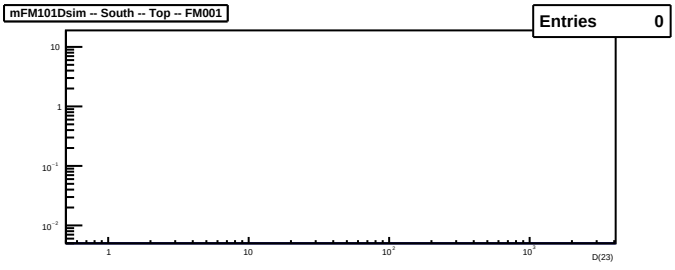

mFM101BS -- South -- Top -- FM001
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1-BCD
BS1-A


mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 105344
D(23)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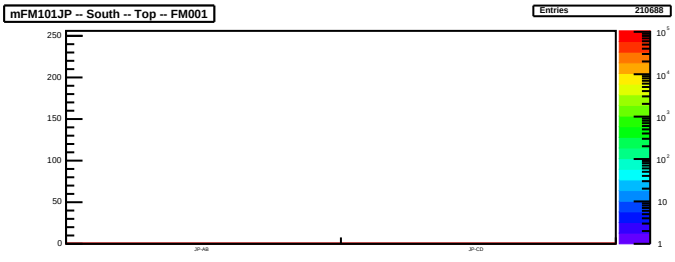
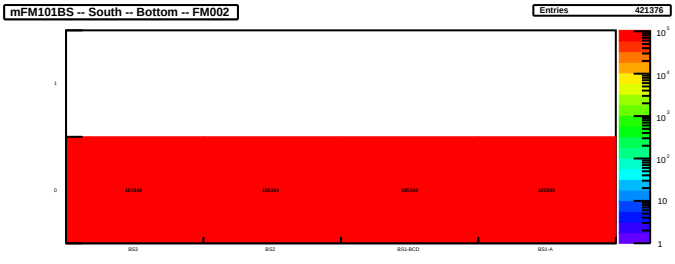
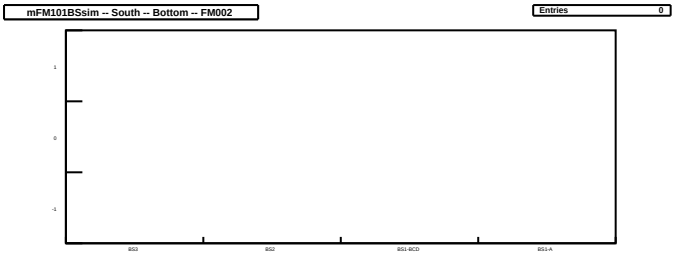
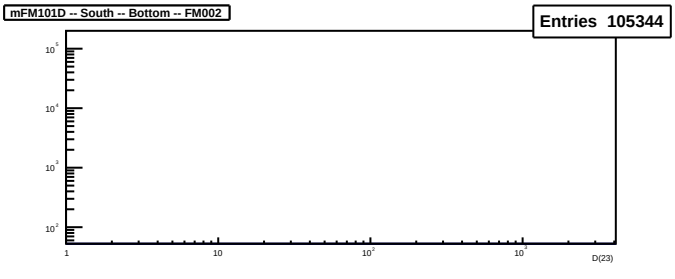
Entries 0
D(23)

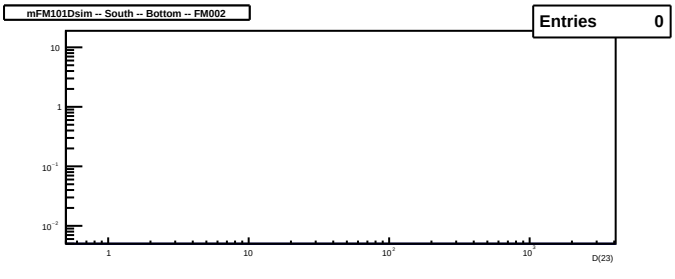

mFM101JP -- South -- Top -- FM001
Entries 210688
JP-AB
JP-CD

mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1-BCD
BS1-A

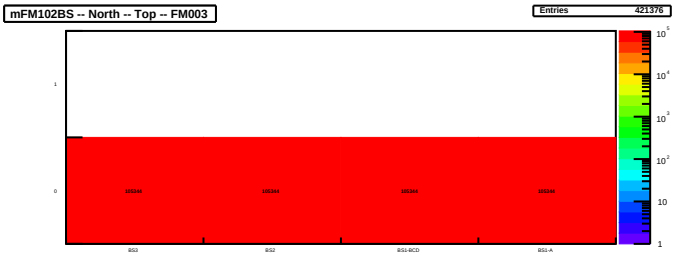

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 105344
D(23)

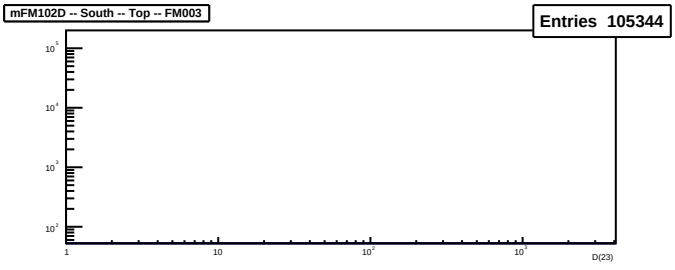

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

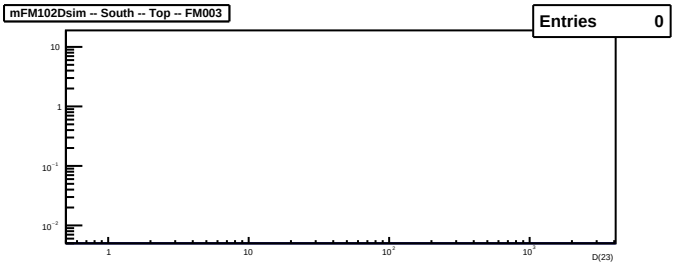
mFM101JP -- South -- Bottom -- FM002
Entries 210688
JP-AB
JP-CD

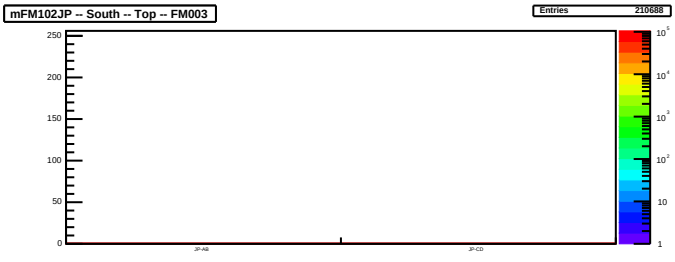
mFM101JPsim -- South -- Bottom -- FM002
Entries 0
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1-BCD
BS1-A

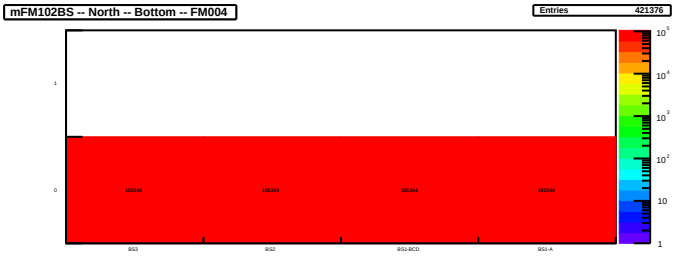
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-BCD
BS1-A

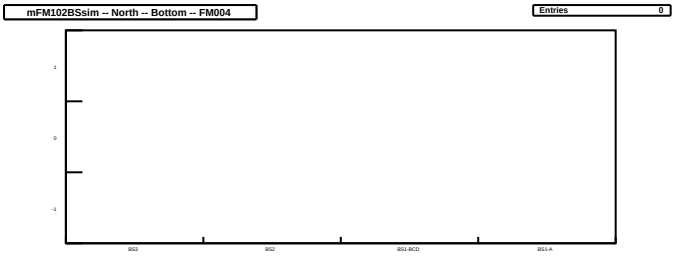

mFM102D -- South -- Top -- FM003
Entries 105344
D(23)

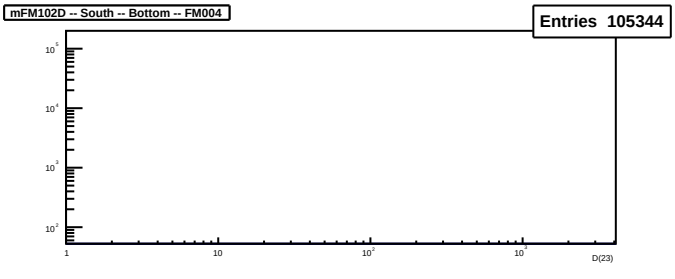

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

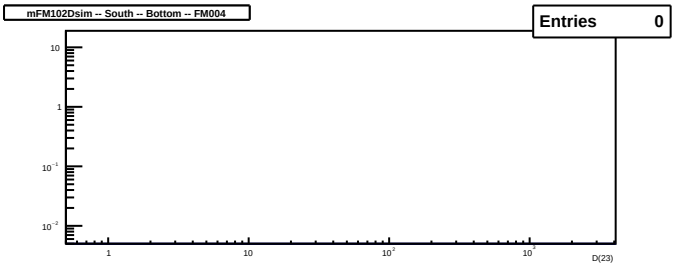

mFM102JP -- South -- Top -- FM003
Entries 210688
JP-AB
JP-CD

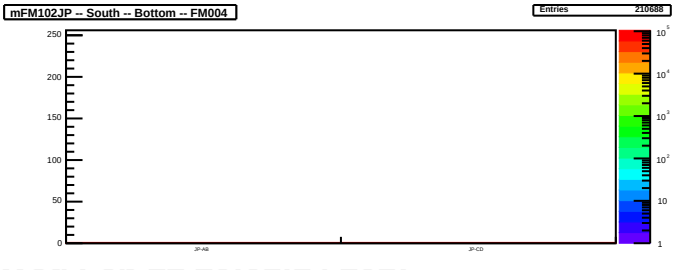
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

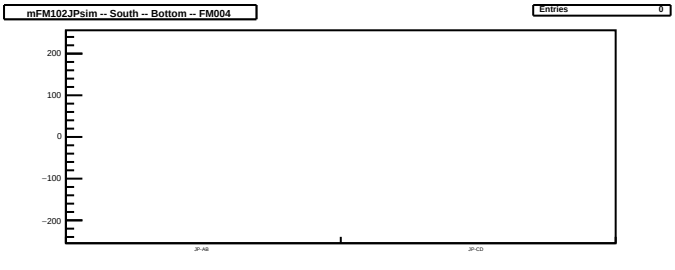

mFM102BS -- North -- Bottom -- FM004
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1-BCD
BS1-A

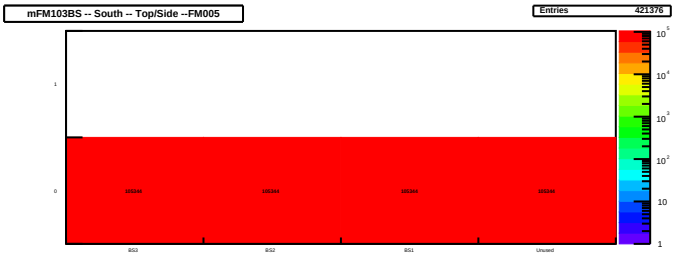

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-BCD
BS1-A

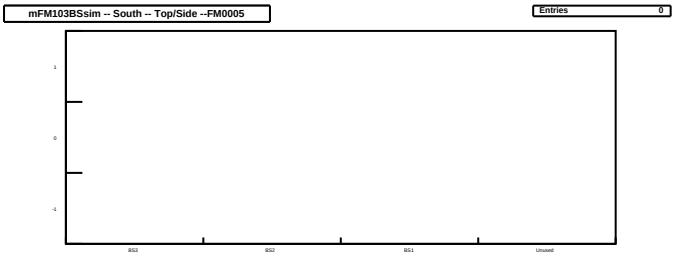

mFM102D -- South -- Bottom -- FM004
Entries 105344
D(23)

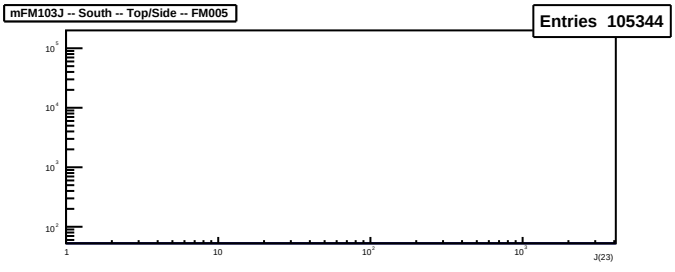

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

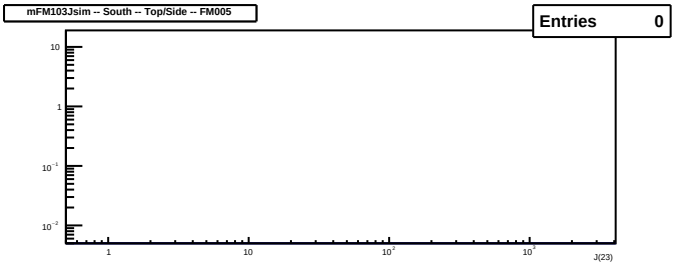

mFM102JP -- South -- Bottom -- FM004
Entries 210688
JP-AB
JP-CD

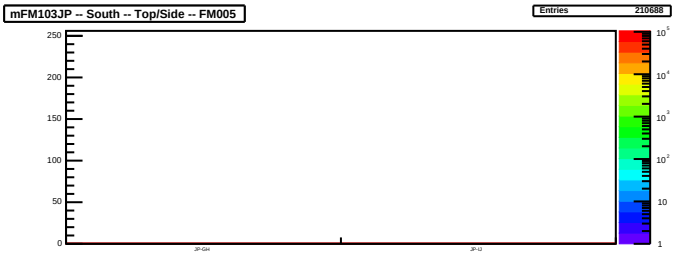

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

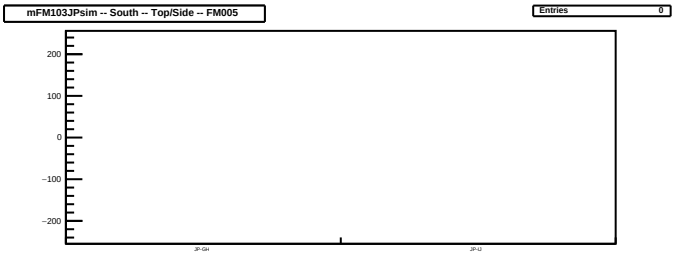

mFM103BS -- South -- Top/Side --FM005
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1
Unused

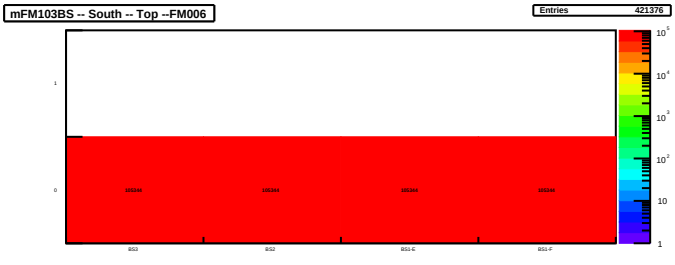

mFM103BSsim -- South -- Top/Side --FM0005
Entries 0
BS3
BS2
BS1
Unused

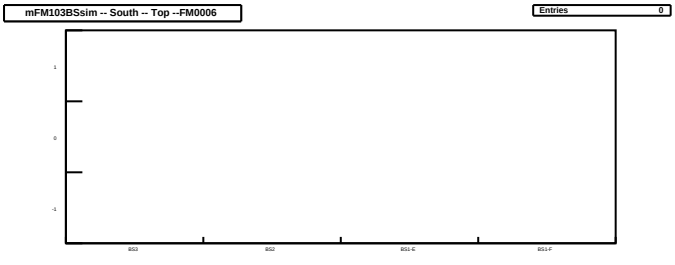

mFM103J -- South -- Top/Side -- FM005
Entries 105344
J(23)

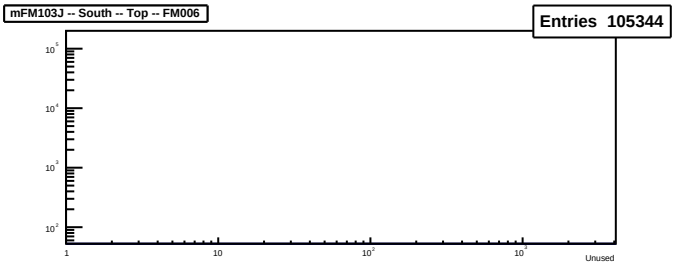

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

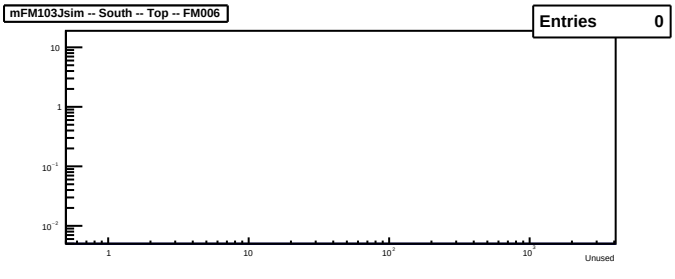

mFM103JP -- South -- Top/Side -- FM005
Entries 210688
JP-GH
JP-IJ


mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

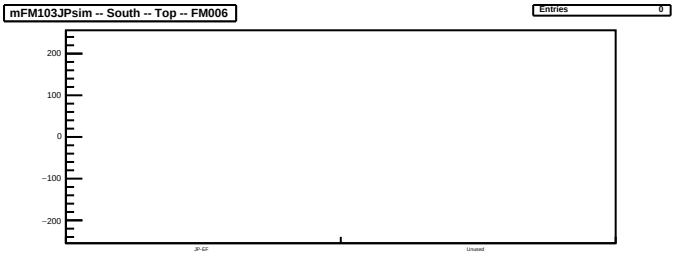

mFM103BS -- South -- Top --FM006
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1-E
BS1-F

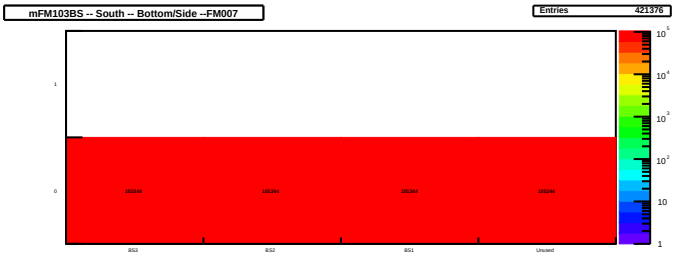

mFM103BSsim -- South -- Top --FM0006
Entries 0
BS3
BS2
BS1-E
BS1-F

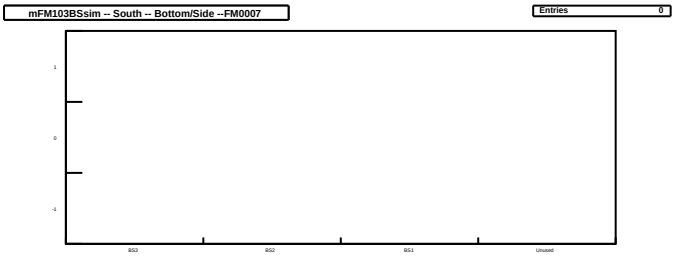

mFM103J -- South -- Top -- FM006
Entries 105344
Unused

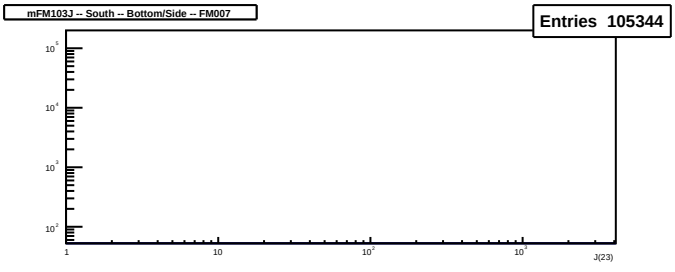

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

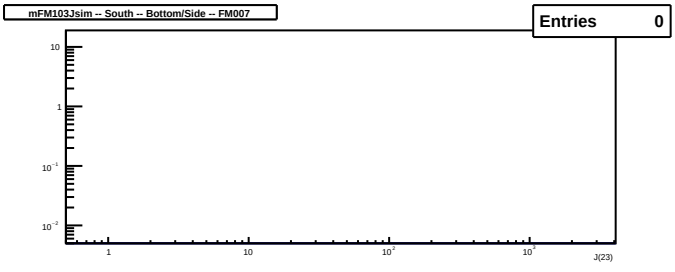
mFM103JP -- South -- Top -- FM006
Entries 210688
JP-EF
Unused


mFM103JPsim -- South -- Top -- FM006
Entries 0
JP-EF
Unused

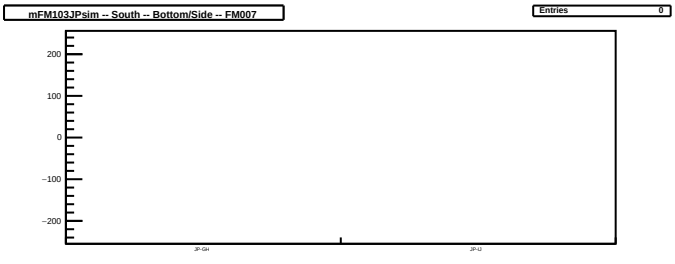

mFM103BS -- South -- Bottom/Side --FM007
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1
Unused

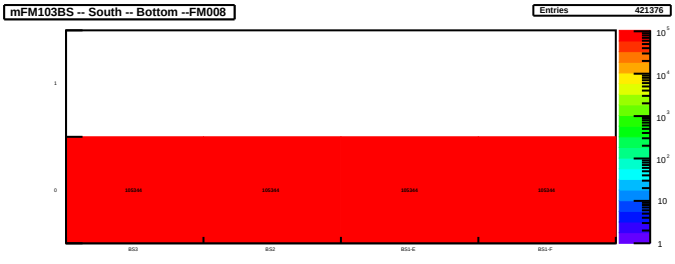

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1
Unused

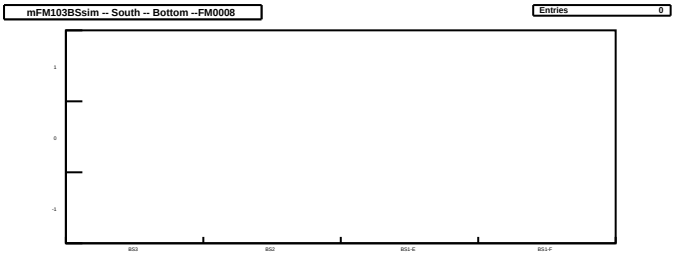

mFM103J -- South -- Bottom/Side -- FM007
Entries 105344
J(23)


mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

mFM103JP -- South -- Bottom/Side -- FM007
Entries 210688
JP-GH
JP-IJ


mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 0
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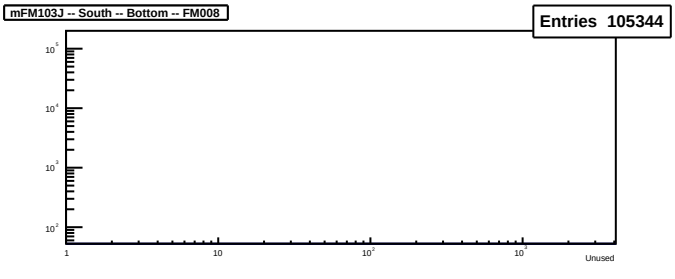
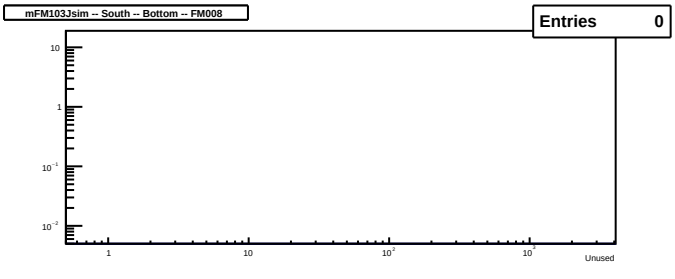
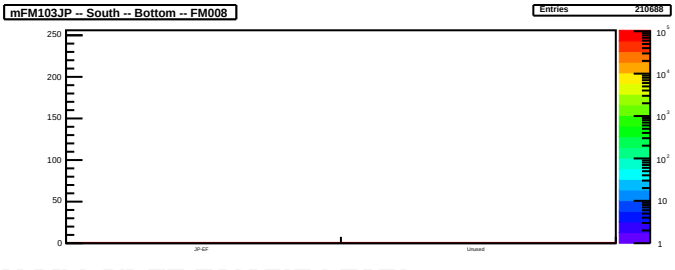
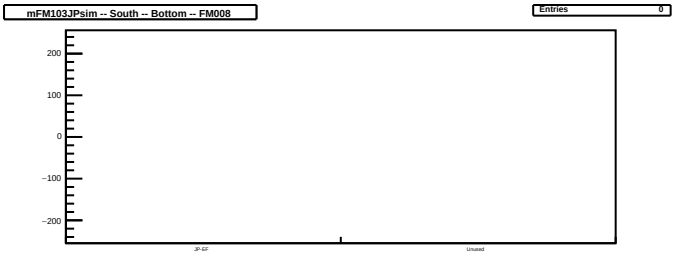
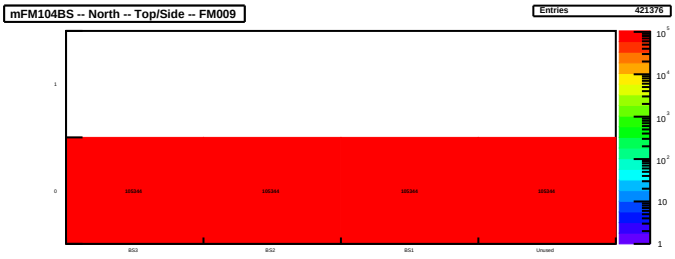
BS2
BS1-E
BS1-F

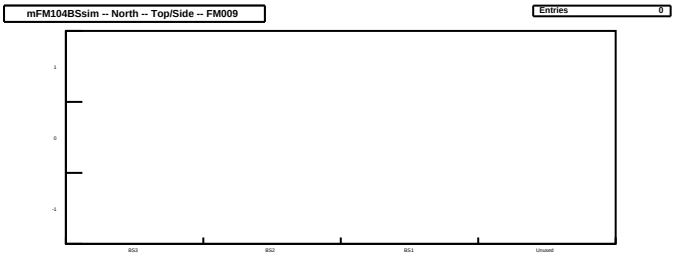

mFM103J -- South -- Bottom -- FM008
Entries 105344
Unused

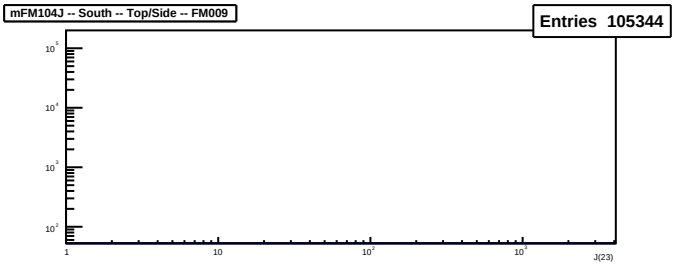

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

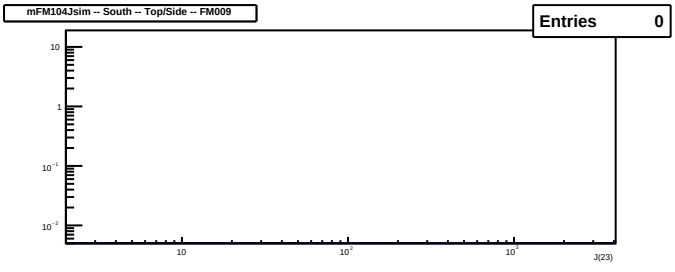

mFM103JP -- South -- Bottom -- FM008
Entries 210688
JP-EF
Unused

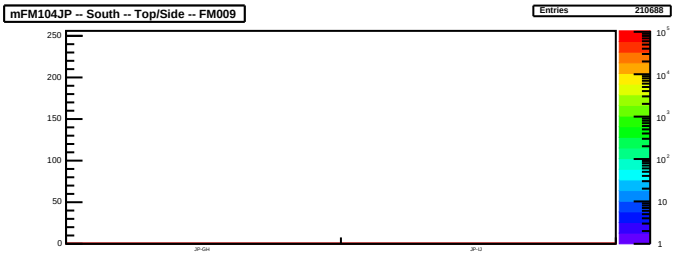

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

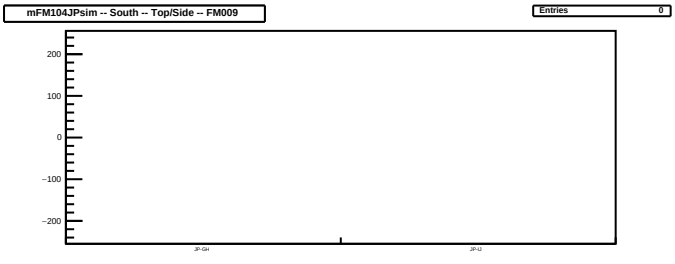

mFM104BS -- North -- Top/Side -- FM009
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1
Unused

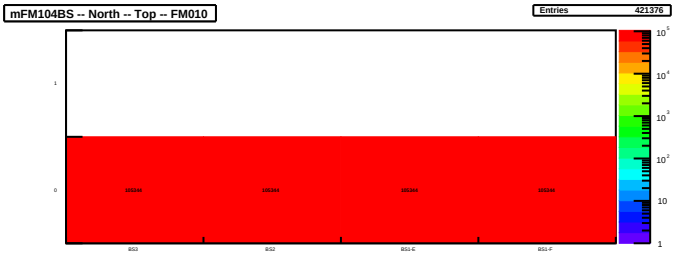

mFM104BSsim -- North -- Top/Side -- FM009
Entries 0
BS3
BS2
BS1
Unused

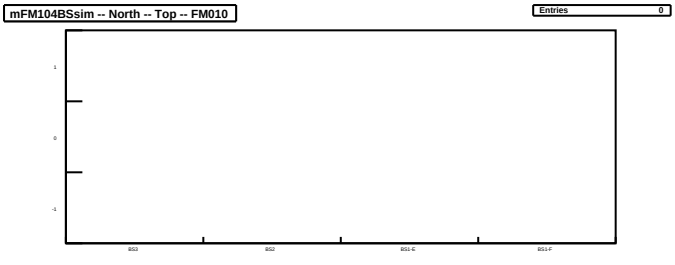

mFM104J -- South -- Top/Side -- FM009
Entries 105344
J(23)

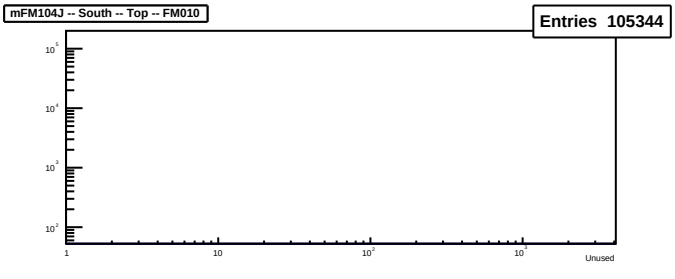

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

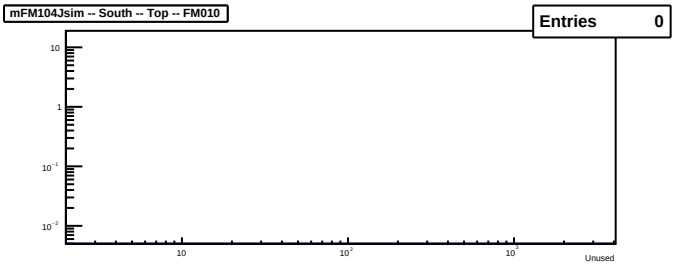

mFM104JP -- South -- Top/Side -- FM009
Entries 210688
JP-GH
JP-U


mFM104JPsim -- South -- Top/Side -- FM009
Entries 0
JP-GH
JP-U

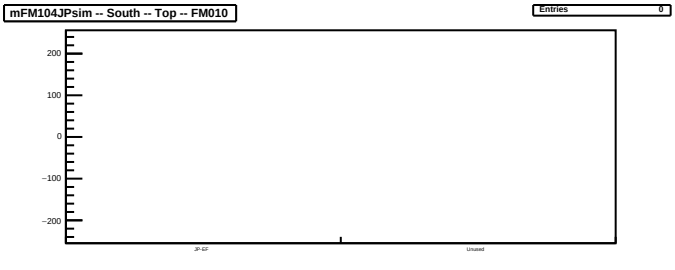

mFM104BS -- North -- Top -- FM010
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1-E
BS1-F

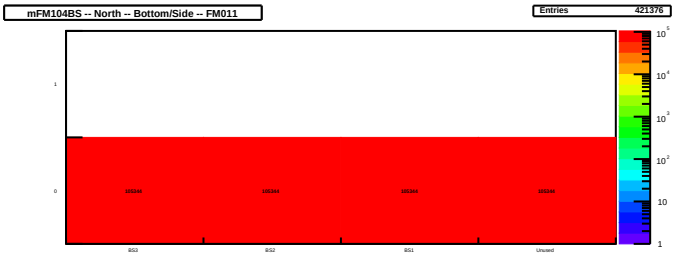

mFM104BSsim -- North -- Top -- FM010
Entries 0
BS3
BS2
BS1-E
BS1-F

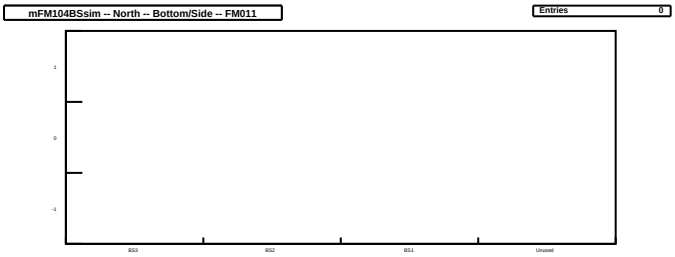

mFM104J -- South -- Top -- FM010
Entries 105344
Unused

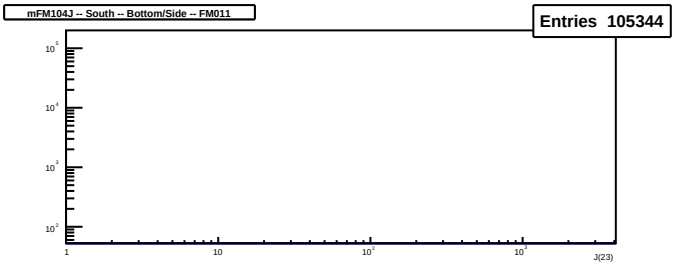

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

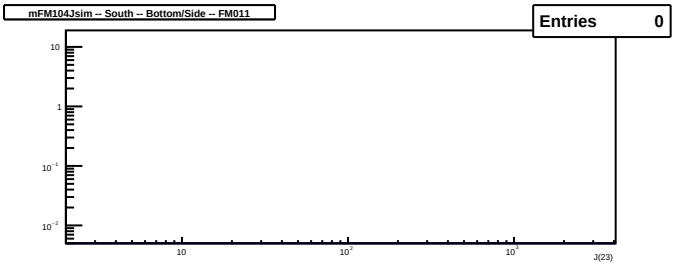
mFM104JP -- South -- Top -- FM010
Entries 210688
JP-EF
Unused

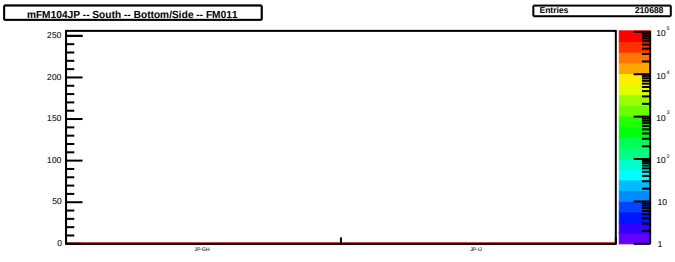

mFM104JPsim -- South -- Top -- FM010
Entries 0
JP-EF
Unused

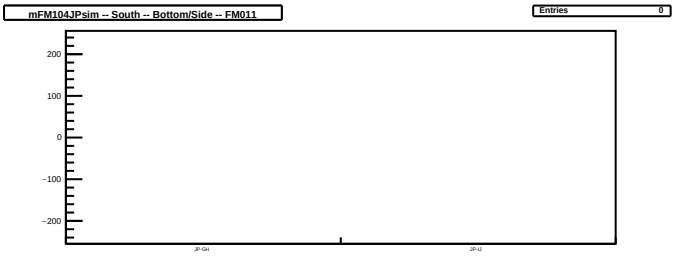

mFM104BS -- North -- Bottom/Side -- FM011
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1
Unused

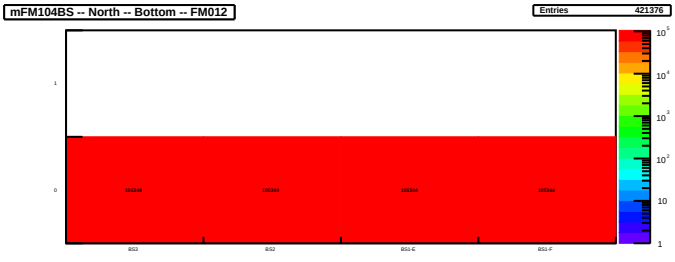

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1
Unused

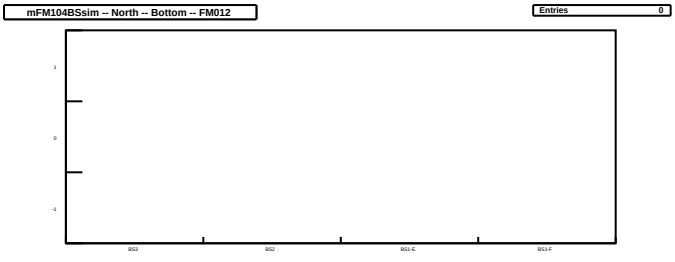

mFM104J -- South -- Bottom/Side -- FM011
Entries 105344
J(23)

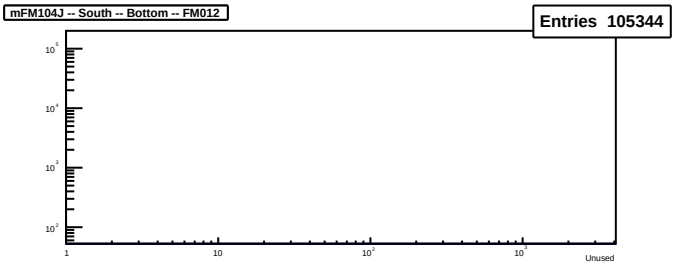

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

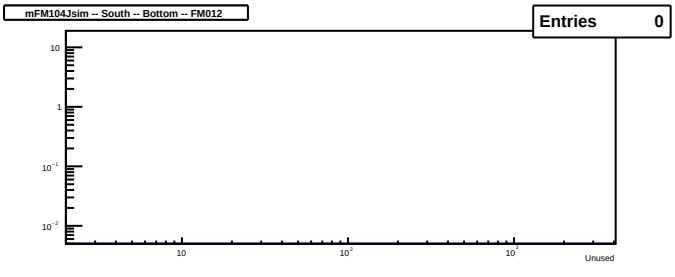

mFM104JP -- South -- Bottom/Side -- FM011
Entries 210688
JP-GH
JP-U


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-U


mFM104BS -- North -- Bottom -- FM012
Entries 421376
105344
105344
105344
105344
BS3
BS2
BS1-E
BS1-F

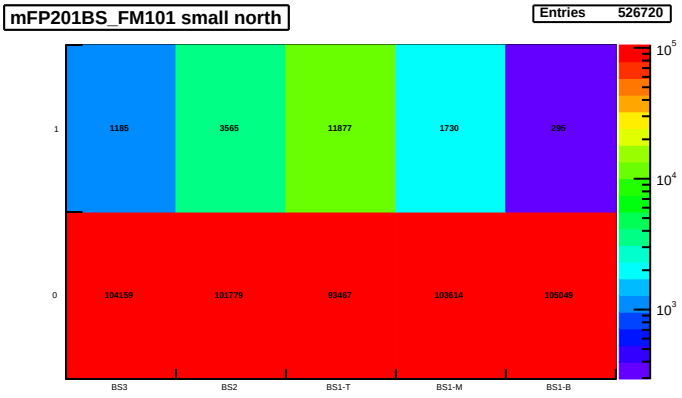

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-E
BS1-F

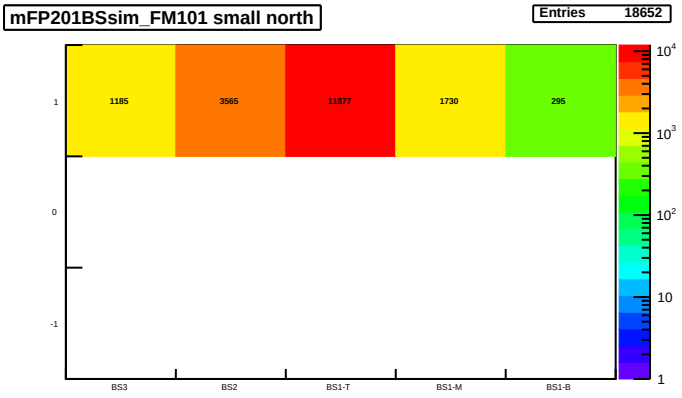

mFM104J -- South -- Bottom -- FM012
Entries 105344
Unused

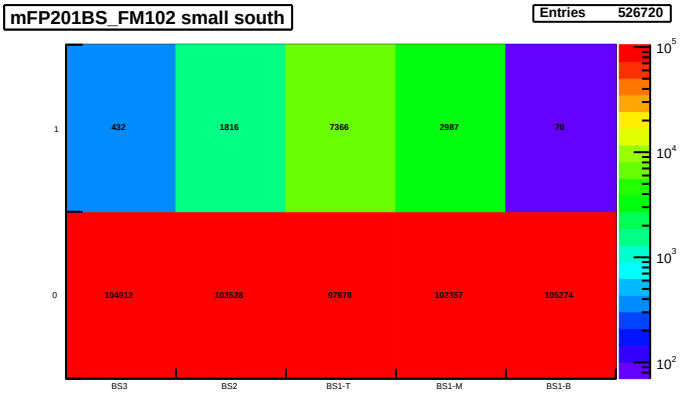

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

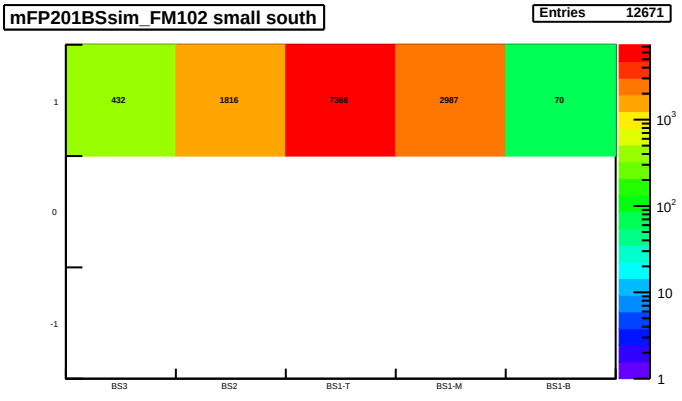
mFM104JP -- South -- Bottom -- FM012
Entries 210688
JP-EF
Unused

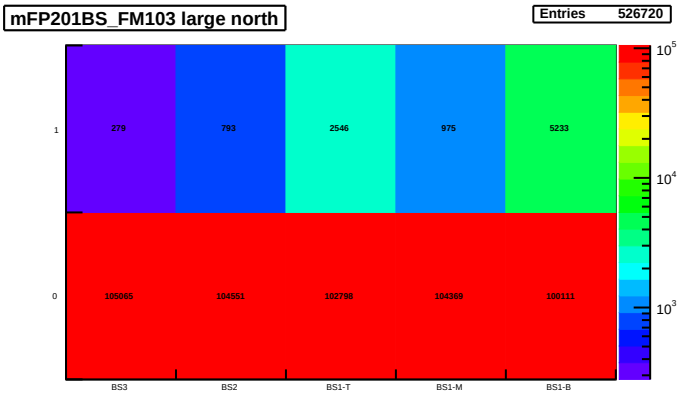
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

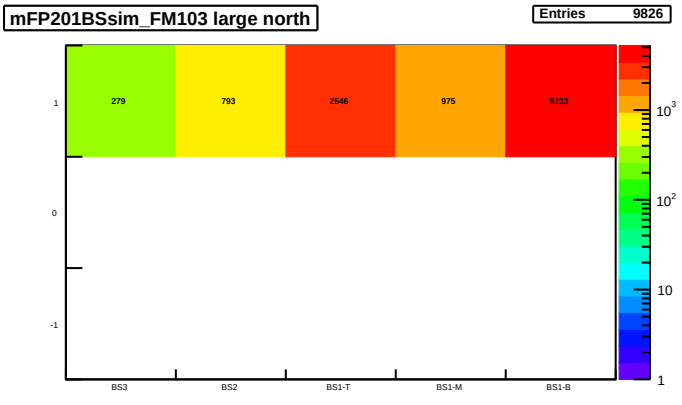

mFP201BS_FM101 small north
Entries 526720
1185 3565 11877 1730 295
104159 101779 93467 103614 105049
BS3 BS2 BS1-T BS1-M BS1-B

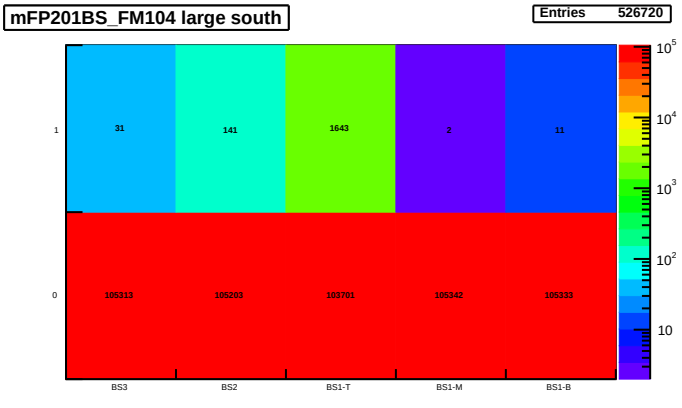

mFP201BSsim_FM101 small north
Entries 18652
1185 3565 11877 1730 295
BS3 BS2 BS1-T BS1-M BS1-B

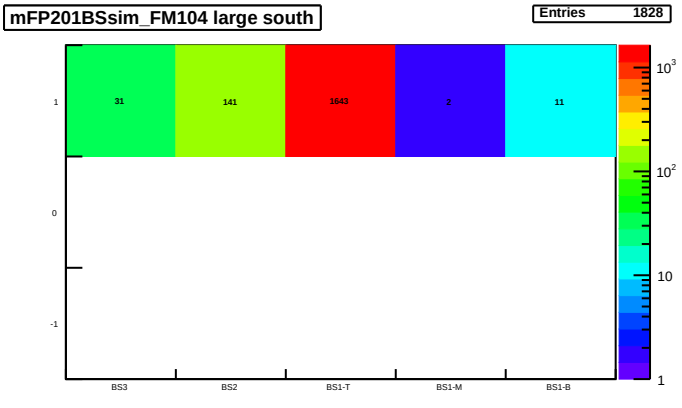

mFP201BS_FM102 small south
Entries 526720
432 1816 7366 2987 70
104912 103528 97978 102357 105274
BS3 BS2 BS1-T BS1-M BS1-B

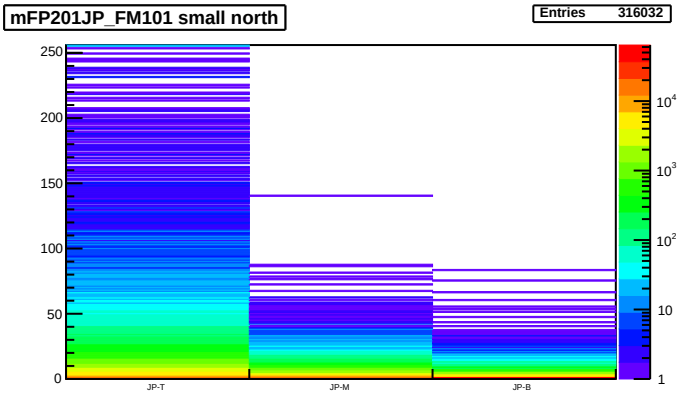

mFP201BSsim_FM102 small south
Entries 12671
432 1816 7366 2987 70
BS3 BS2 BS1-T BS1-M BS1-B

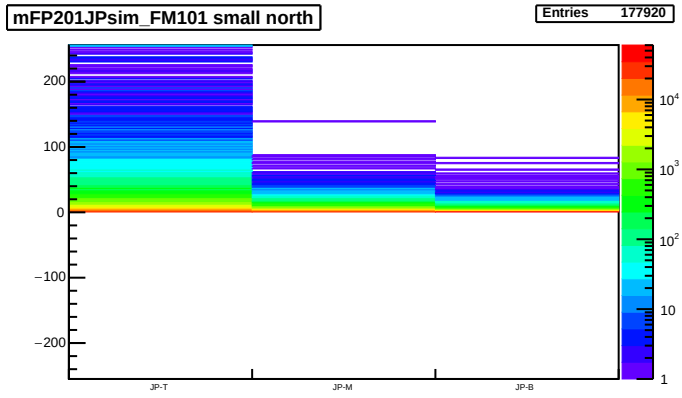

mFP201BS_FM103 large north
Entries 526720
279 793 2546 975 5233
105065 104551 102798 104369 100111
BS3 BS2 BS1-T BS1-M BS1-B

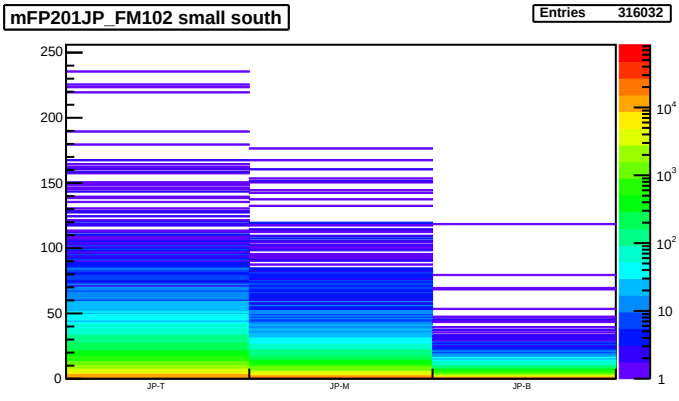

mFP201BSsim_FM103 large north
Entries 9826
279 793 2546 975 5233
BS3 BS2 BS1-T BS1-M BS1-B

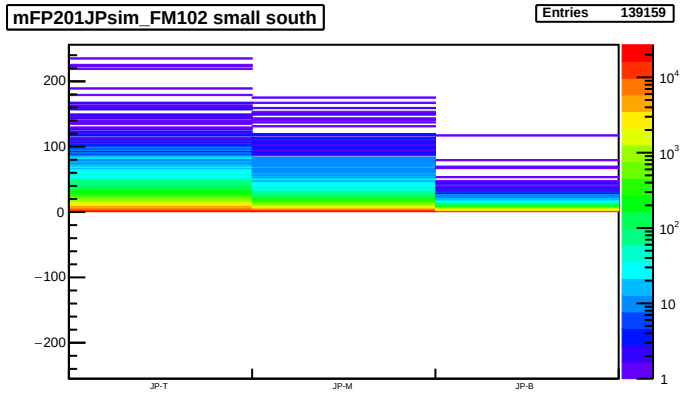

mFP201BS_FM104 large south
Entries 526720
31 141 1643 2 11
105313 105203 103701 105342 105333
BS3 BS2 BS1-T BS1-M BS1-B

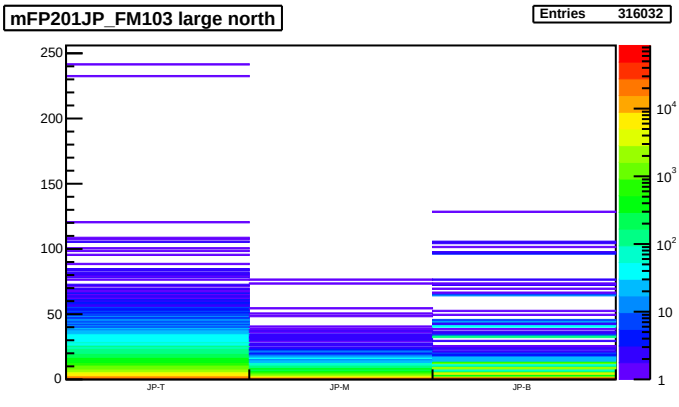

mFP201BSsim_FM104 large south
Entries 1828
31 141 1643 2 11
BS3 BS2 BS1-T BS1-M BS1-B

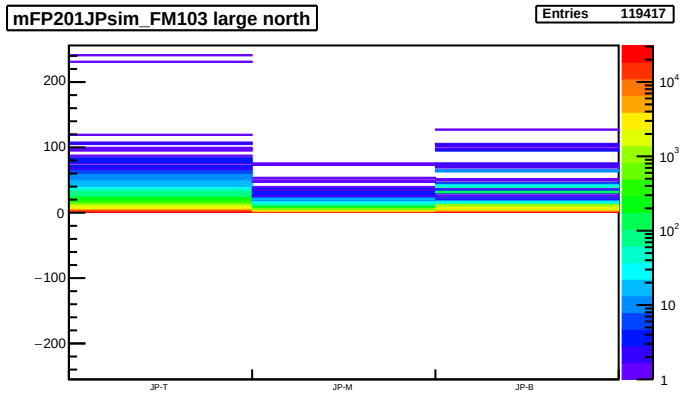

mFP201JP_FM101 small north
Entries 316032
JP-T
JP-M
JP-B

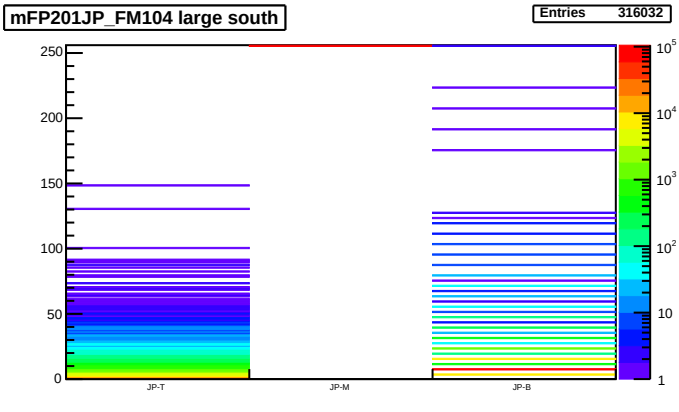

mFP201JPsim_FM101 small north
Entries 177920
JP-T
JP-M
JP-B

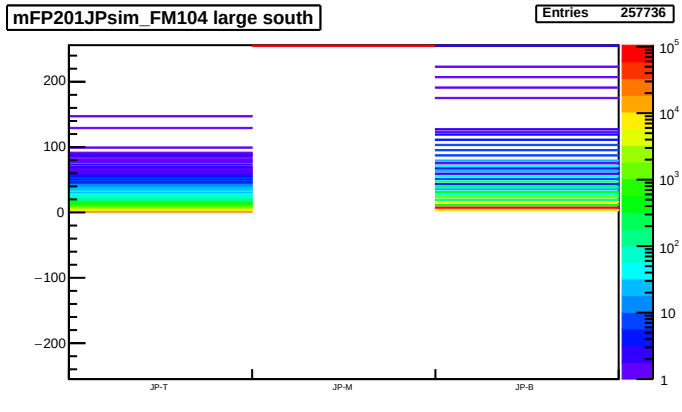

mFP201JP_FM102 small south
Entries 316032
JP-T
JP-M
JP-B

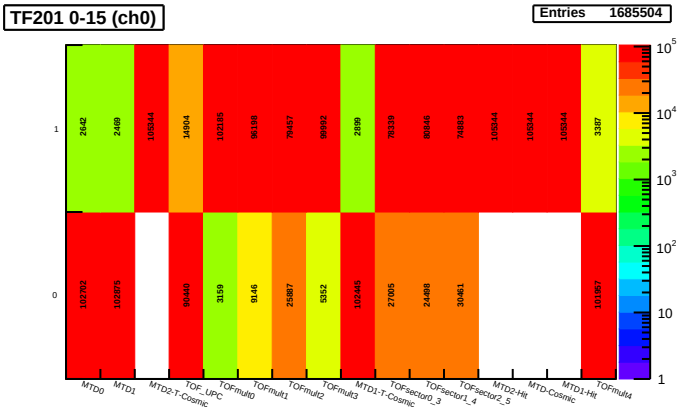

mFP201JPsim_FM102 small south
Entries 139159
JP-T
JP-M
JP-B

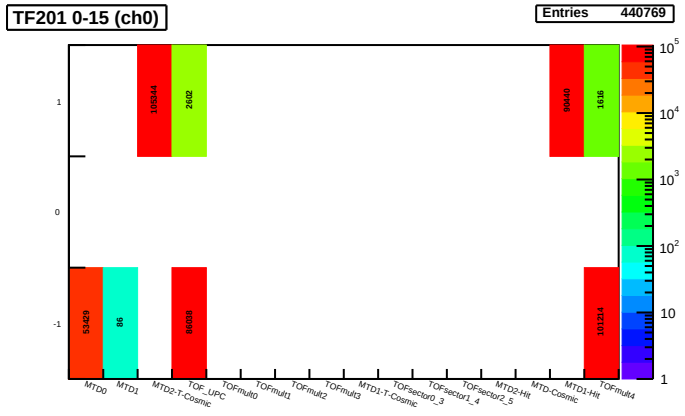

mFP201JP_FM103 large north
Entries 316032
JP-T
JP-M
JP-B

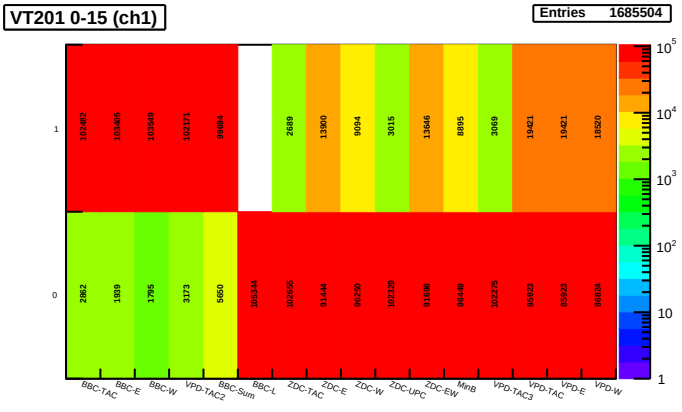

mFP201JPsim_FM103 large north
Entries 119417
JP-T
JP-M
JP-B

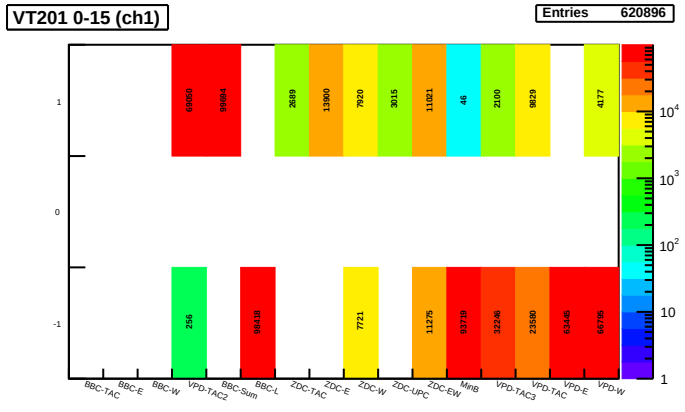

mFP201JP_FM104 large south
Entries 316032
JP-T
JP-M
JP-B

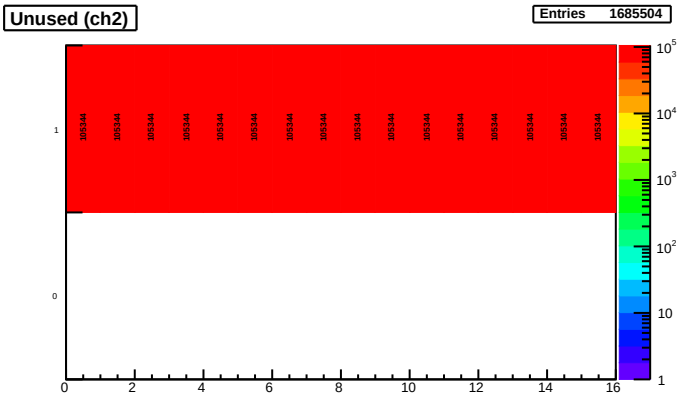

mFP201JPsim_FM104 large south
Entries 257736
JP-T
JP-M
JP-B

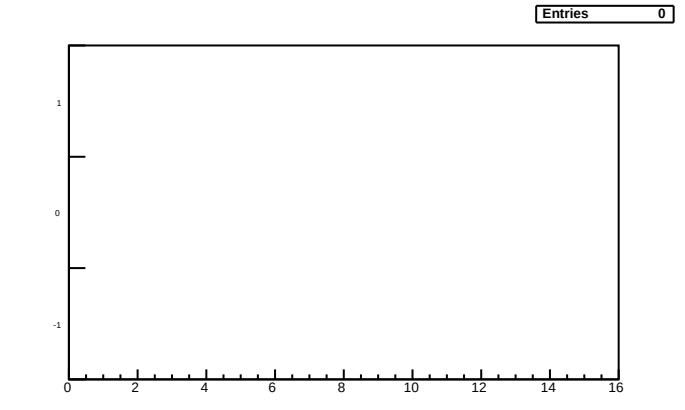

TF201 0-15 (ch0)
Entries 1685504
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

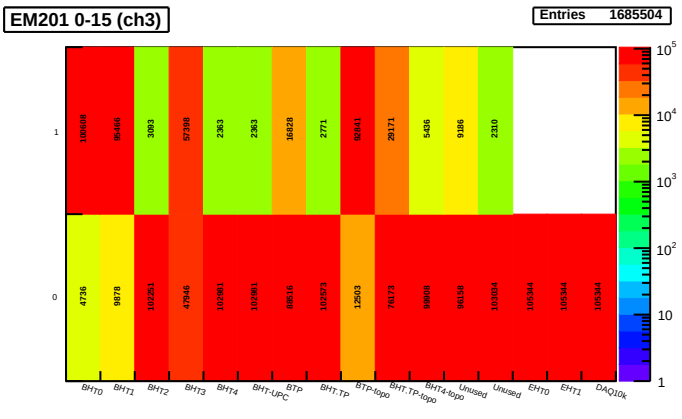

TF201 0-15 (ch0)
Entries 440769
MTD0 MTD1 MTD2-T-Cosmic TOF_UPC TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD1-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 MTD2-Hit MTD-Cosmic MTD1-Hit TOFmult4

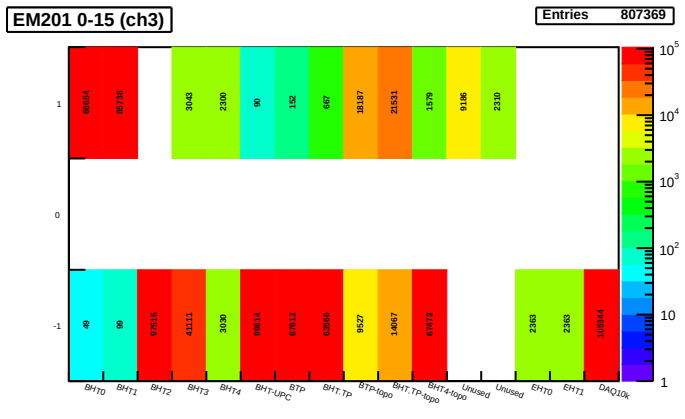

VT201 0-15 (ch1)
Entries 1685504
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

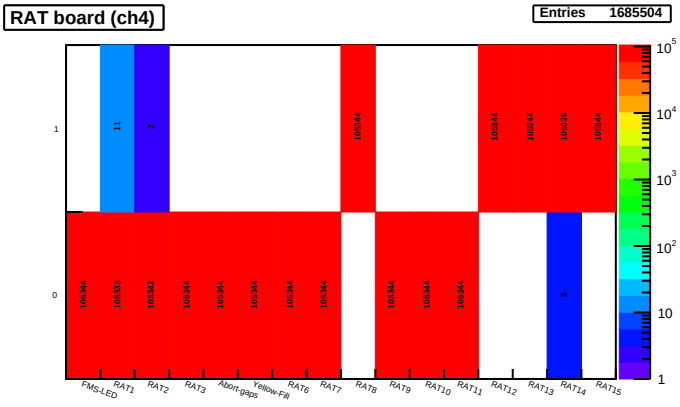

VT201 0-15 (ch1)
Entries 620896
BBC-TAC BBC-E BBC-W VPD-TAC2 BBC-Sum BBC-L ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW MinB VPD-TAC3 VPD-TAC VPD-E VPD-W

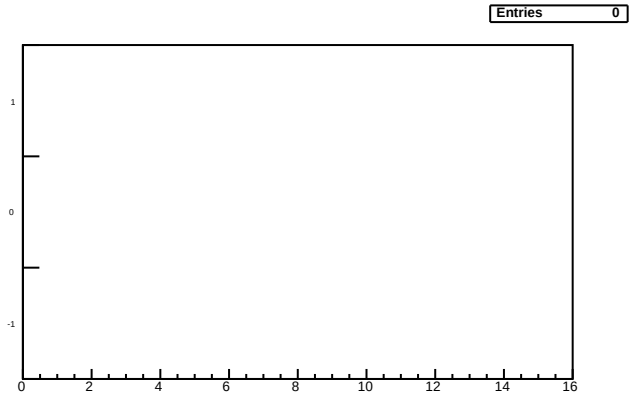

Unused (ch2)
Entries 1685504

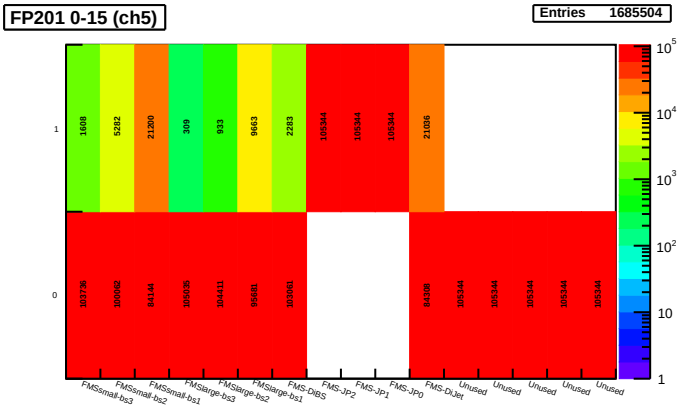

Entries 0

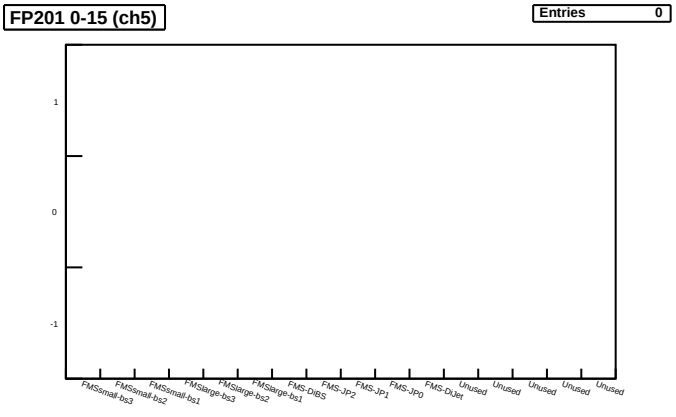

EM201 0-15 (ch3)
Entries 1685504
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

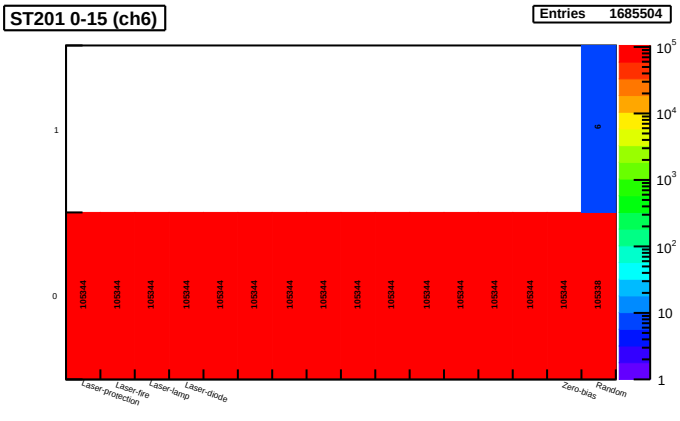

EM201 0-15 (ch3)
Entries 807369
BHT0 BHT1 BHT2 BHT3 BHT4 BHT-UPC BTP BHT-TP BTP-topo BHT-TP-topo BHT4-topo Unused Unused EHT0 EHT1 DAQ10k

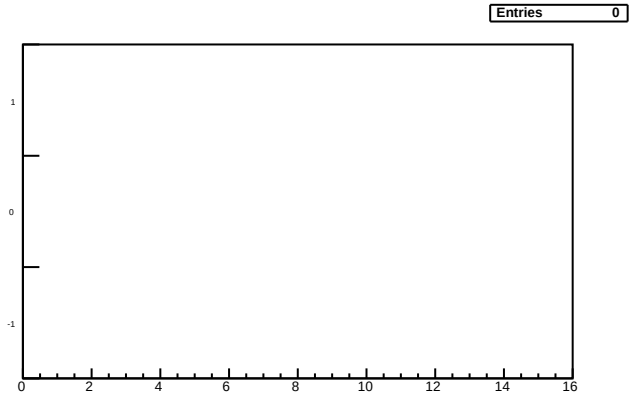

RAT board (ch4)
Entries 1685504
FMS-LED
RAT1
RAT2
RAT3
Abort-gaps
Yellow-Fill
RAT6
RAT7
RAT8
RAT9
RAT10
RAT11
RAT12
RAT13
RAT14
RAT15


Entries 0


FP201 0-15 (ch5)
Entries 1685504
FMSsmall-bs3
FMSsmall-bs2
FMSsmall-bs1
FMSlarge-bs3
FMSlarge-bs2
FMSlarge-bs1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-Dijet
Unused


FP201 0-15 (ch5)
Entries 0


ST201 0-15 (ch6)
Entries 1685504
Laser-protection
Laser-fire
Laser-lamp
Laser-diode
Zero-bias
Random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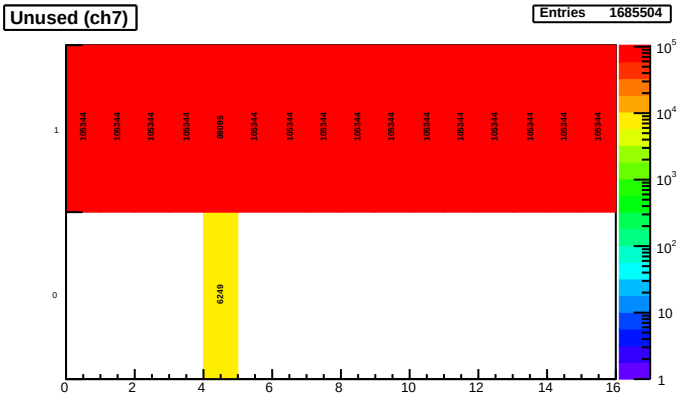
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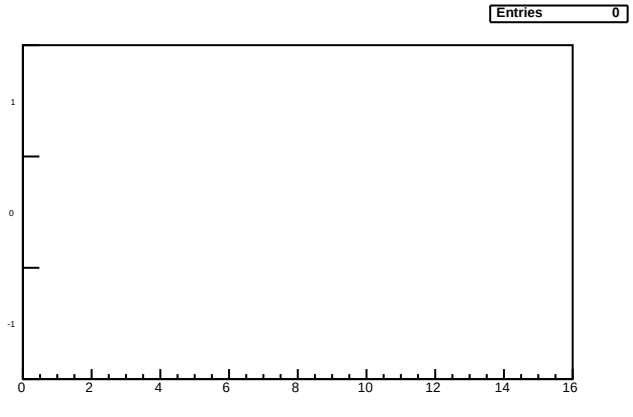
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