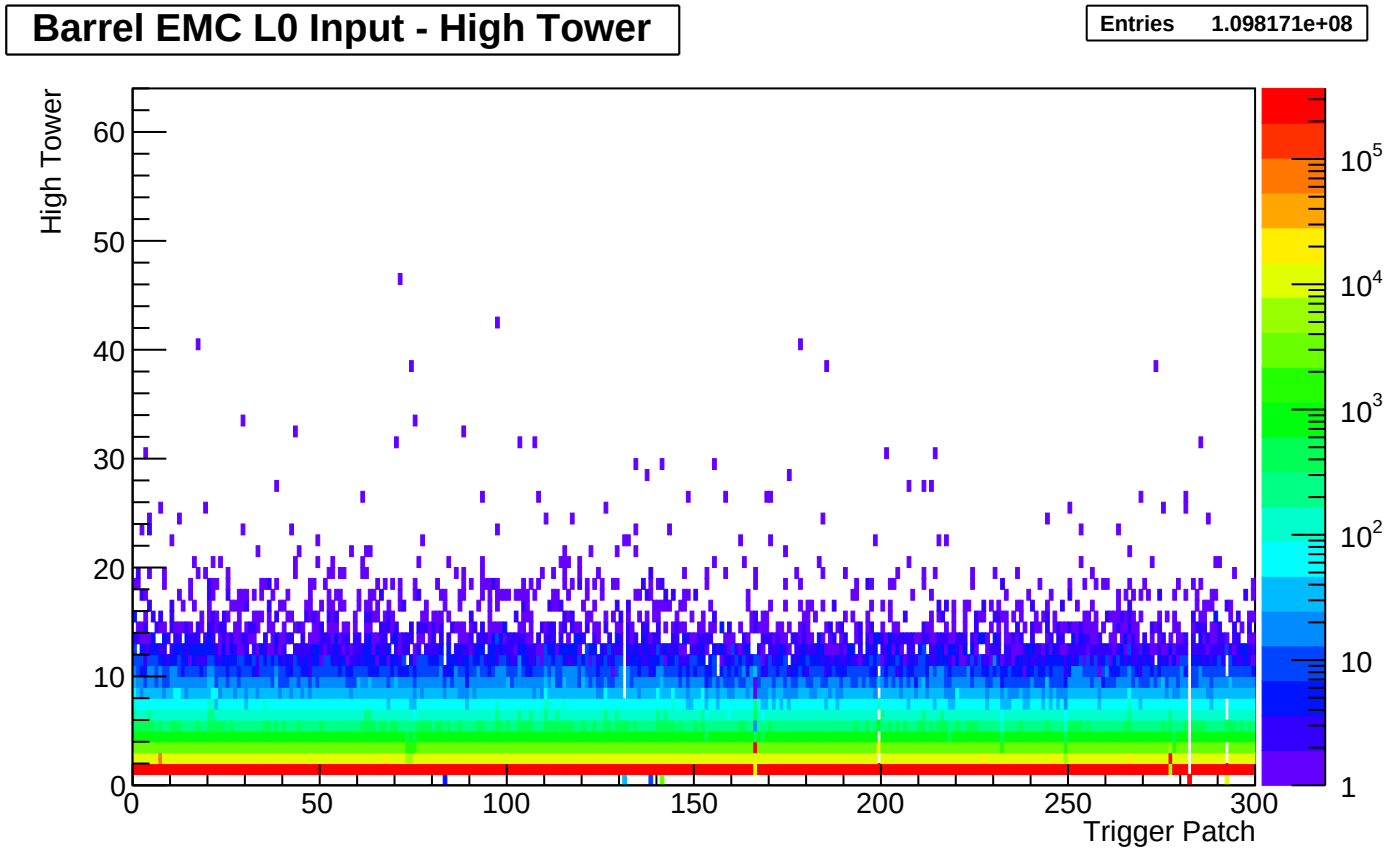
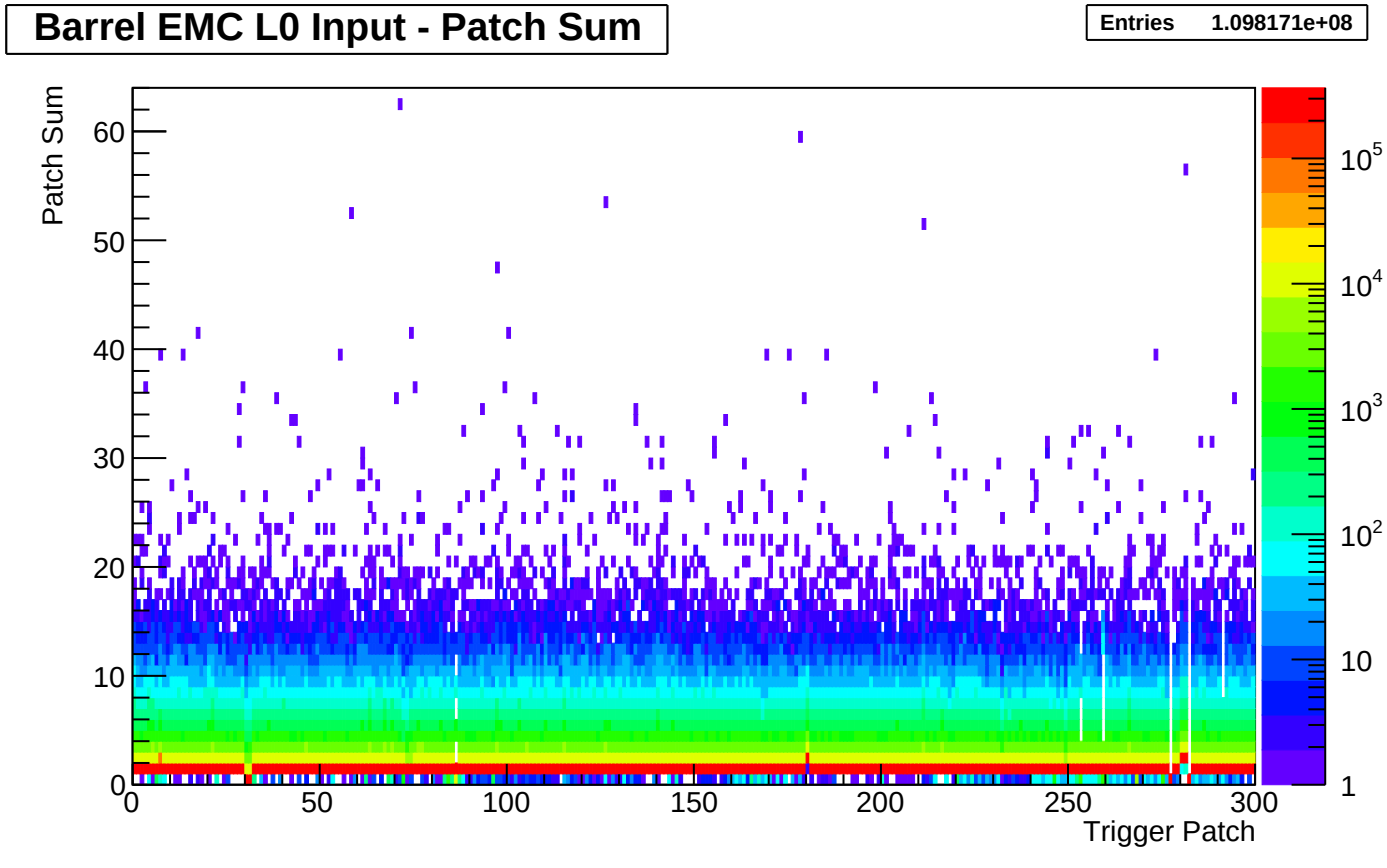
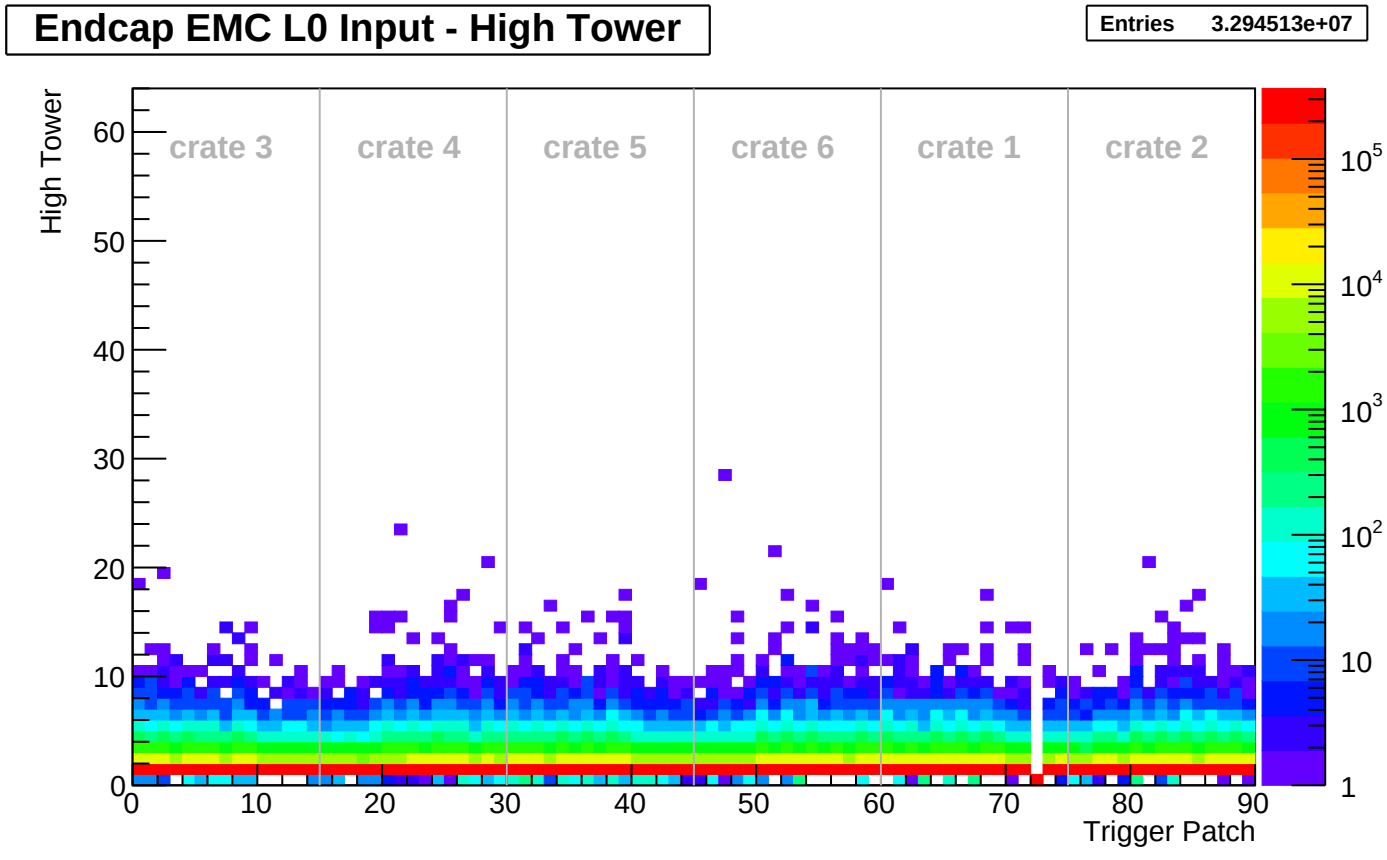
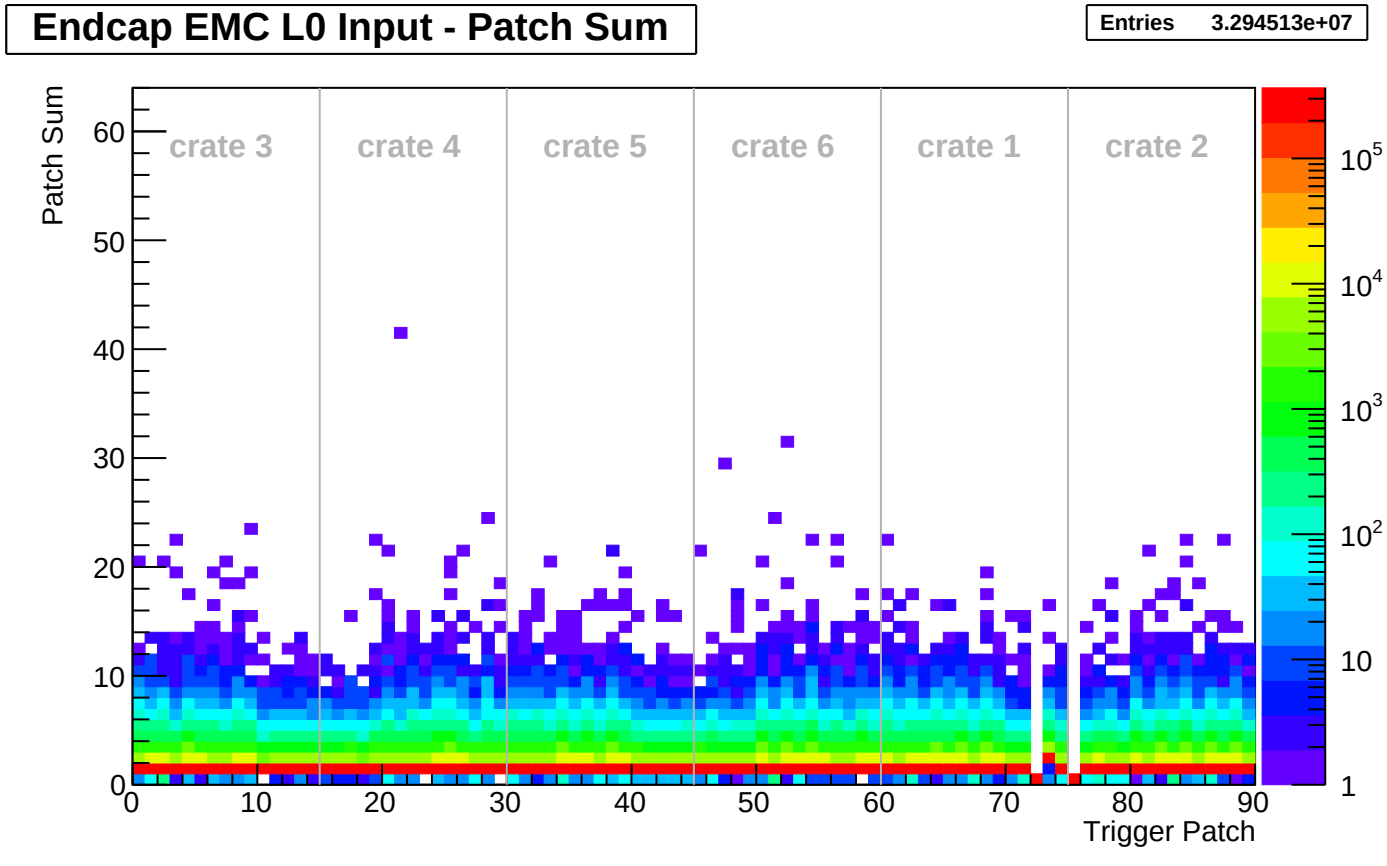
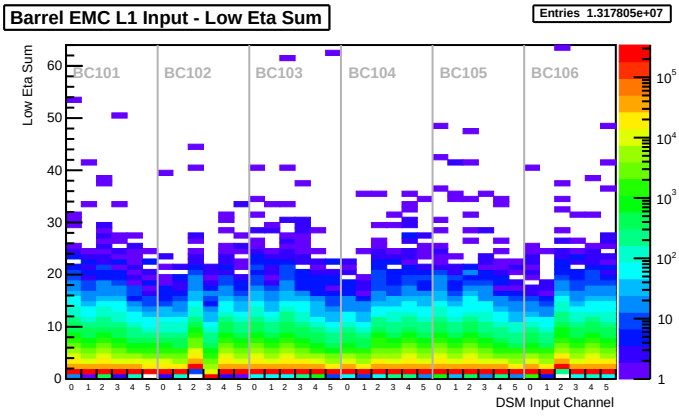
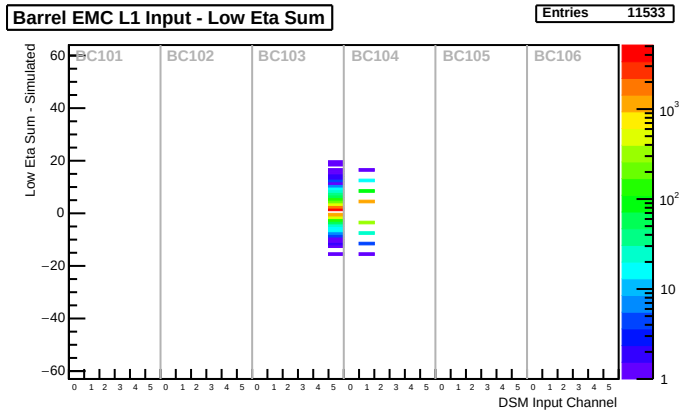

Barrel EMC L0 Input - High Tower
Entries 1.098171e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

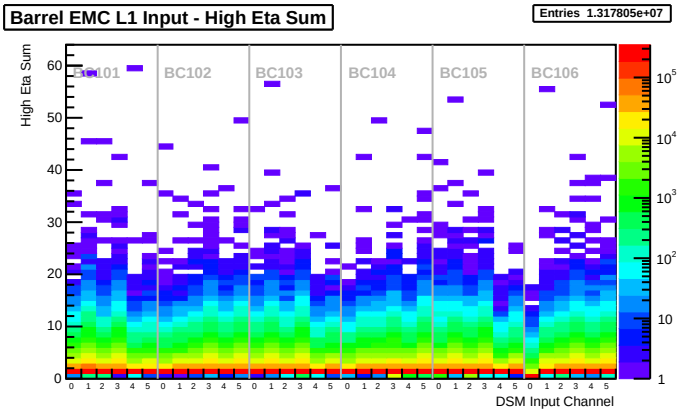

Barrel EMC L0 Input - Patch Sum
Entries 1.098171e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

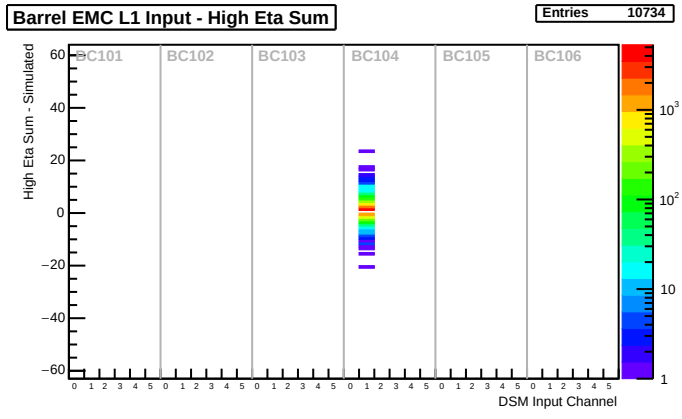

Endcap EMC L0 Input - High Tower
Entries 3.294513e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

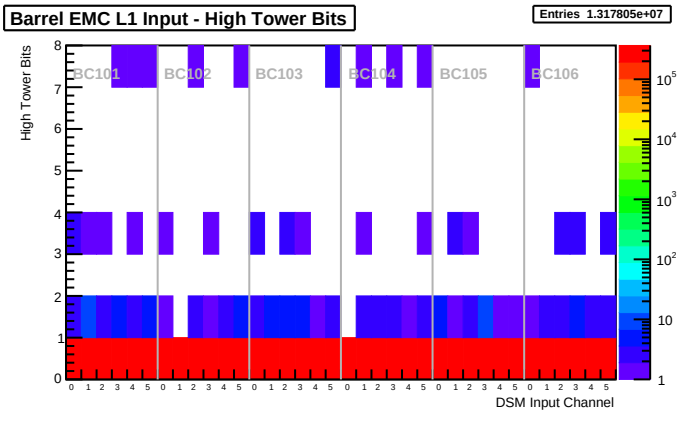

Endcap EMC L0 Input - Patch Sum
Entries 3.294513e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

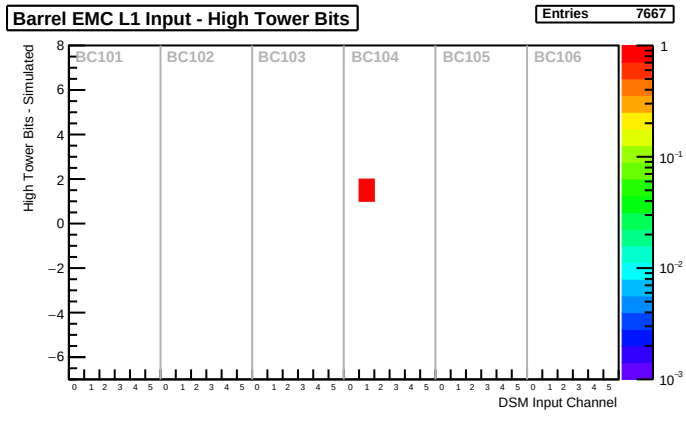

Barrel EMC L1 Input - Low Eta Sum
Entries 1.317805e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

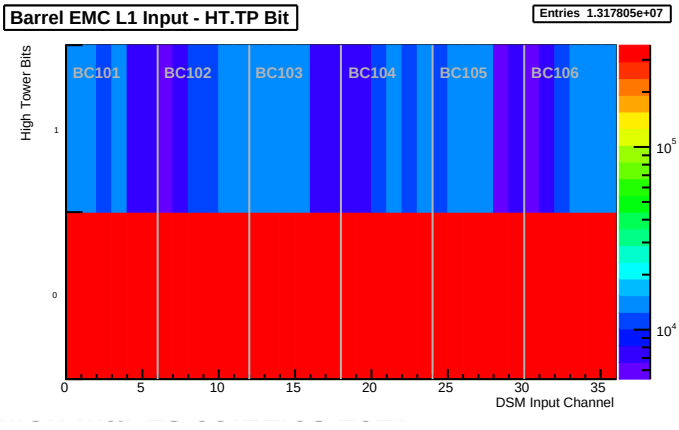

Barrel EMC L1 Input - Low Eta Sum
Entries 11533
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

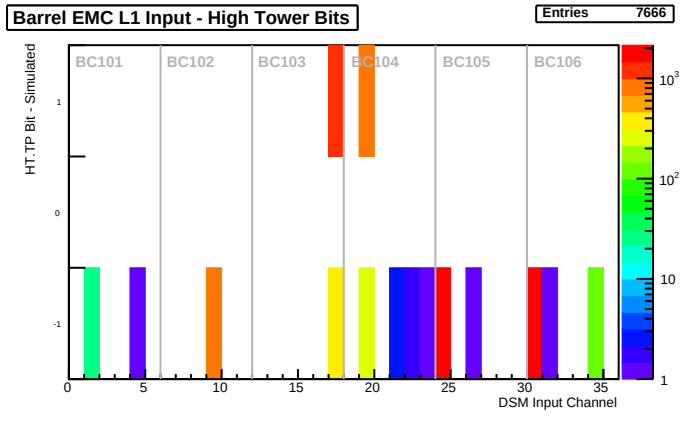

Barrel EMC L1 Input - High Eta Sum
Entries 1.317805e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

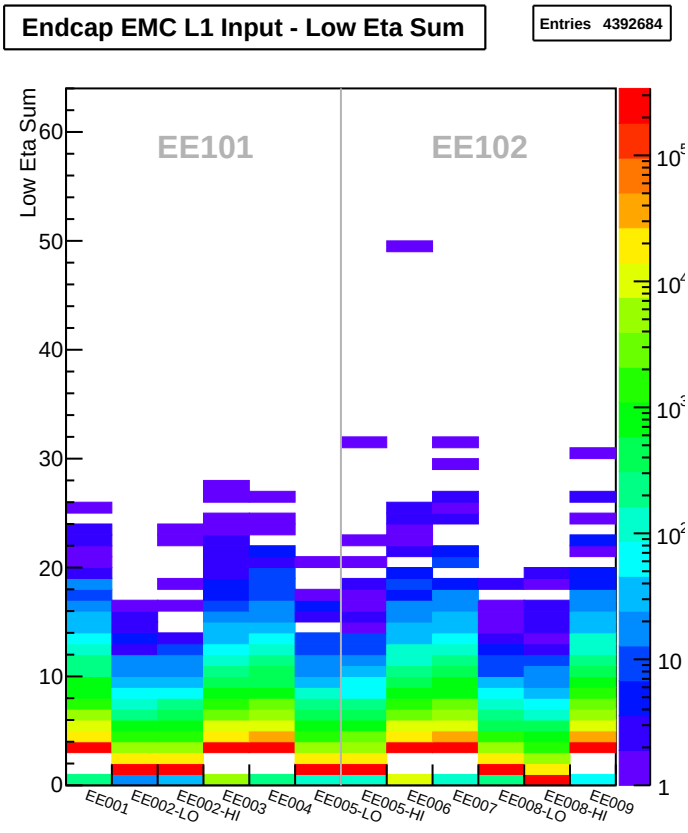

Barrel EMC L1 Input - High Eta Sum
Entries 10734
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

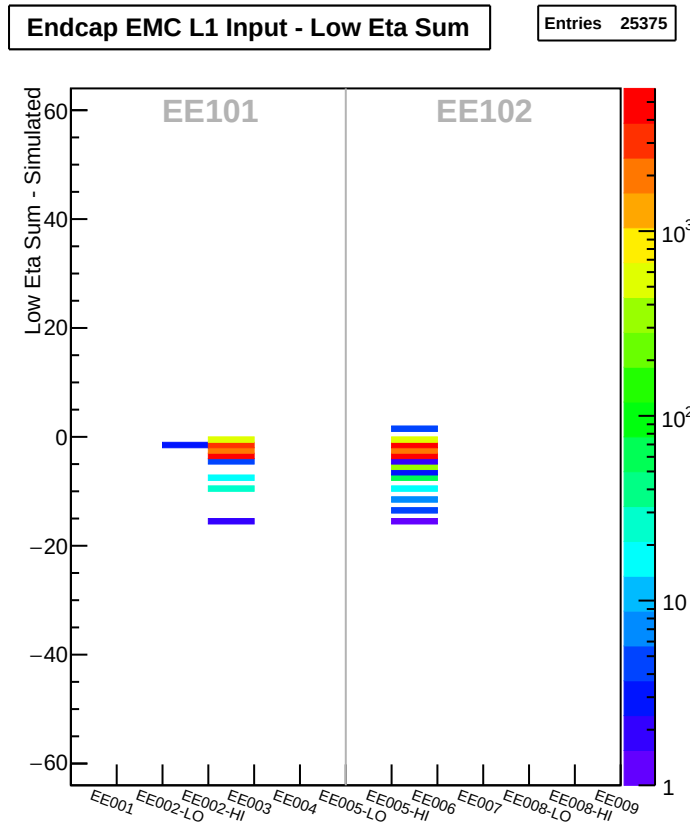

Barrel EMC L1 Input - High Tower Bits
Entries 1.317805e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

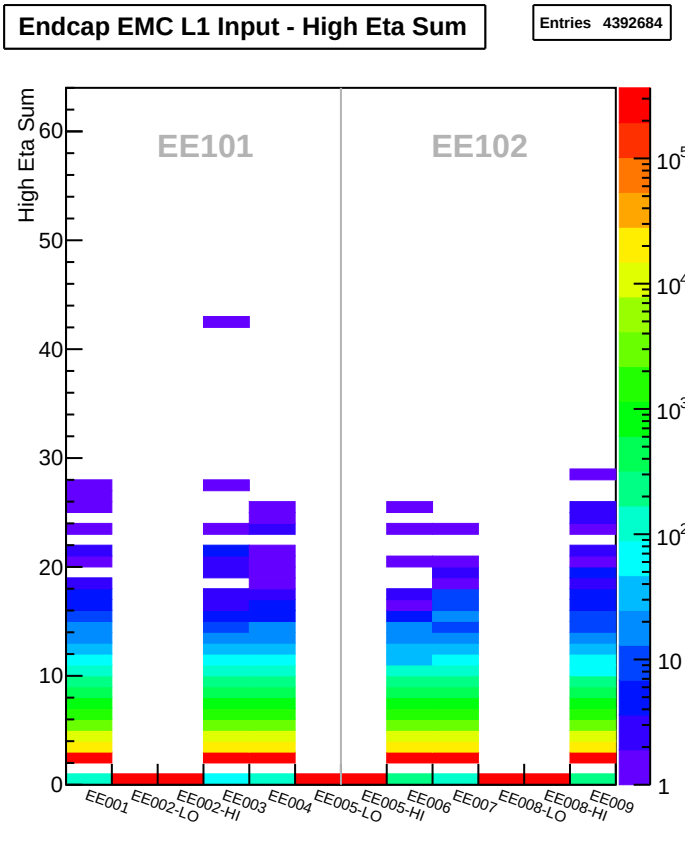

Barrel EMC L1 Input - High Tower Bits
Entries 7667
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

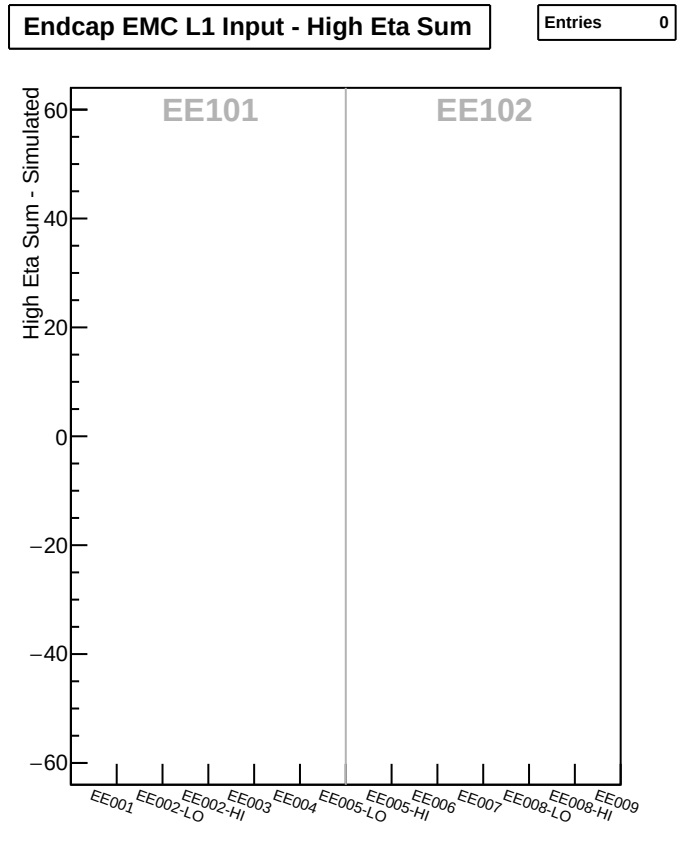

Barrel EMC L1 Input - HT.TP Bit
Entries 1.317805e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

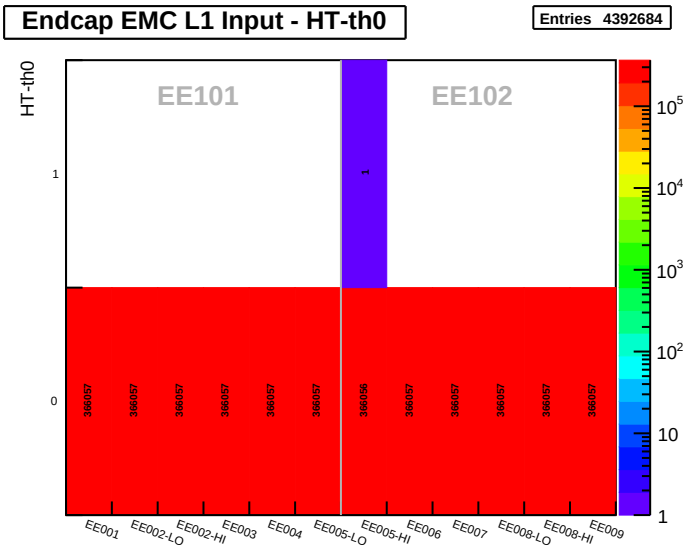

Barrel EMC L1 Input - High Tower Bits
Entries 7666
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

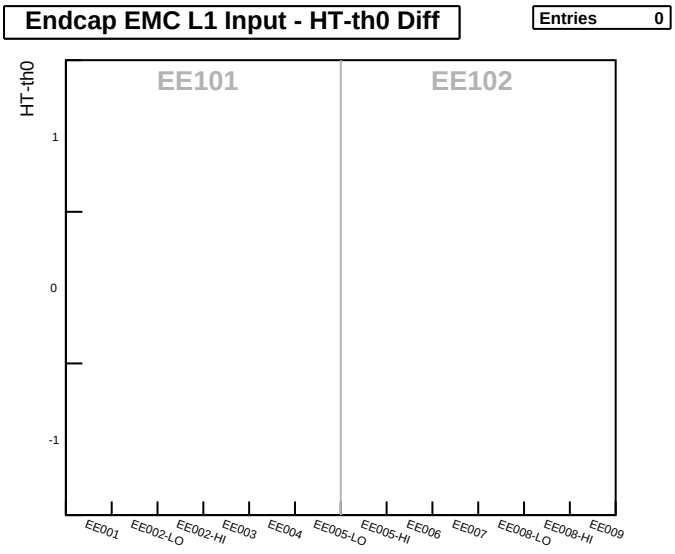

Endcap EMC L1 Input - Low Eta Sum
Entries 4392684
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

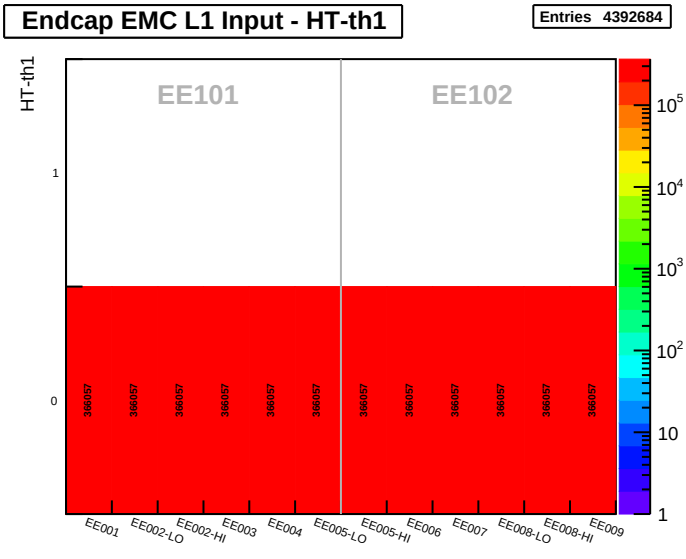

Endcap EMC L1 Input - Low Eta Sum
Entries 25375
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

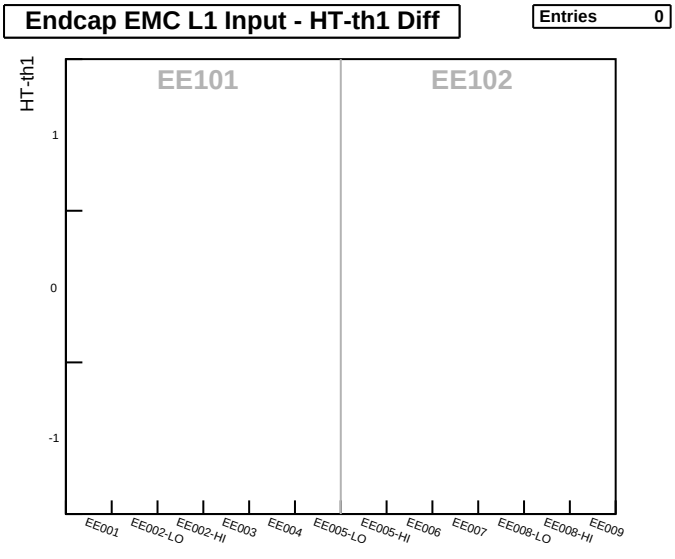

Endcap EMC L1 Input - High Eta Sum
Entries 4392684
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

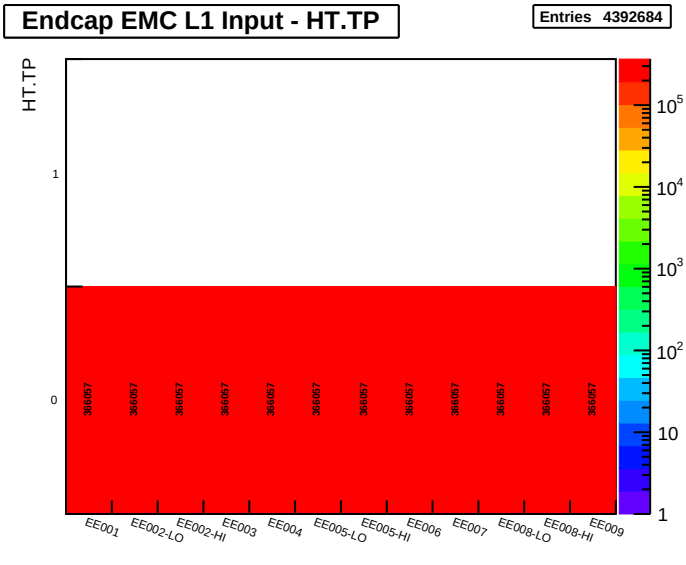

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

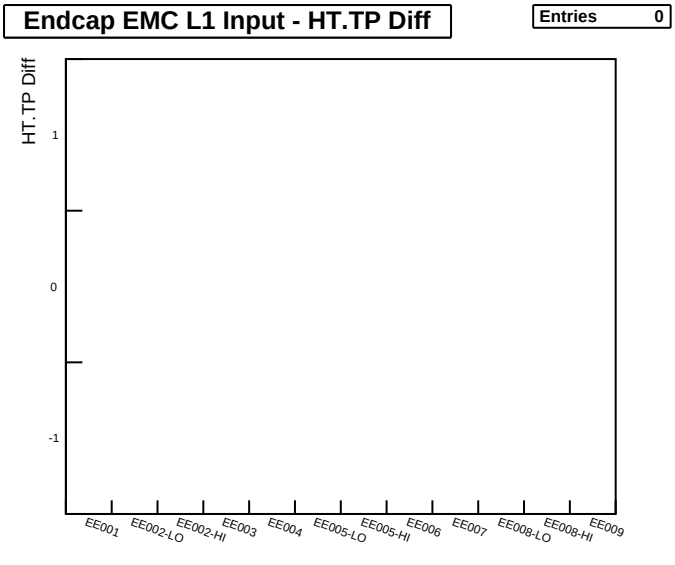

Endcap EMC L1 Input - HT-th0
Entries 4392684
HT-th0
EE101
EE102
1
0
36057
36056
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
$10^5$
$10^4$
$10^3$
$10^2$
10
1

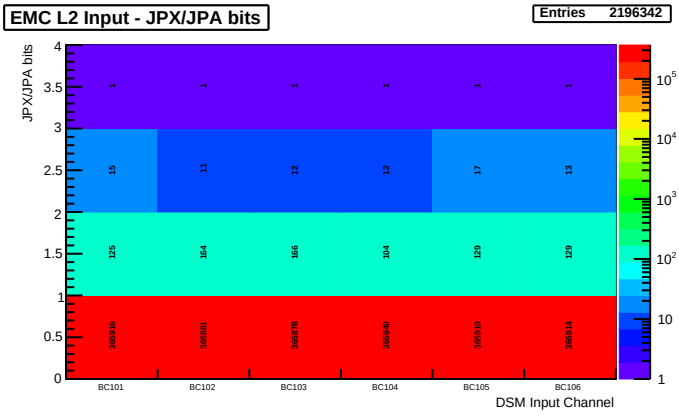

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

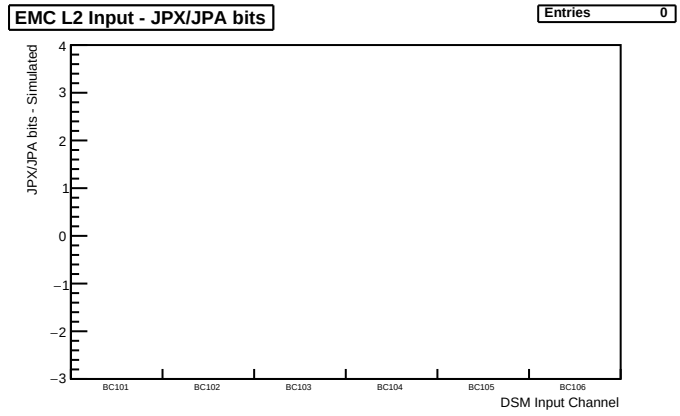

Endcap EMC L1 Input - HT-th1
Entries 4392684
HT-th1
EE101
EE102
1
0
36057
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
$10^5$
$10^4$
$10^3$
$10^2$
10
1

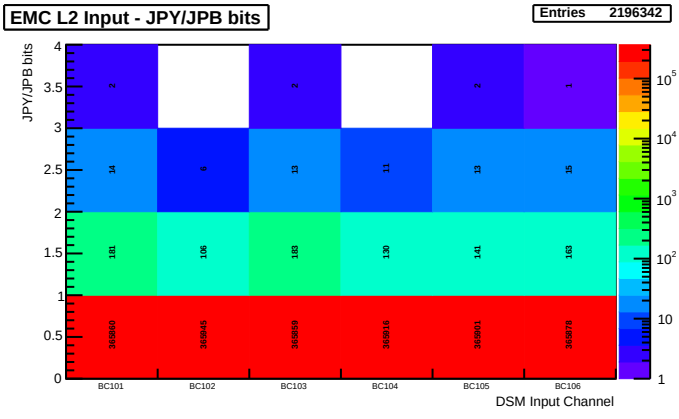

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

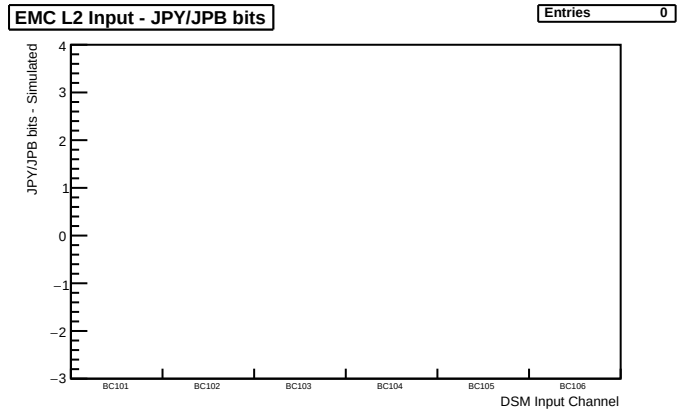

Endcap EMC L1 Input - HT.TP
Entries 4392684
HT.TP
1
0
36057
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
$10^5$
$10^4$
$10^3$
$10^2$
10
1

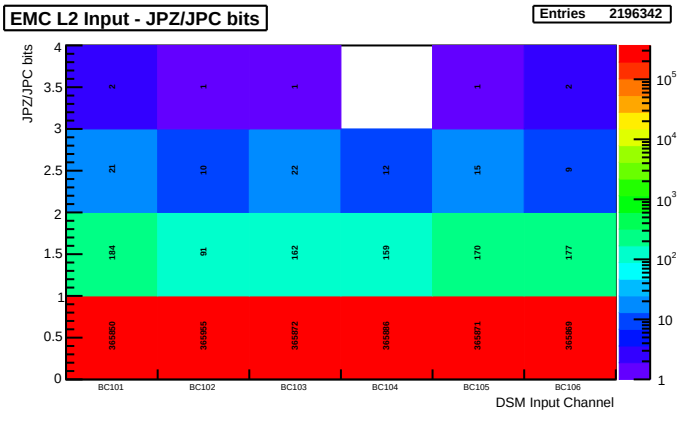

Endcap EMC L1 Input - HT.TP Diff
Entries 0
HT.TP Diff
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

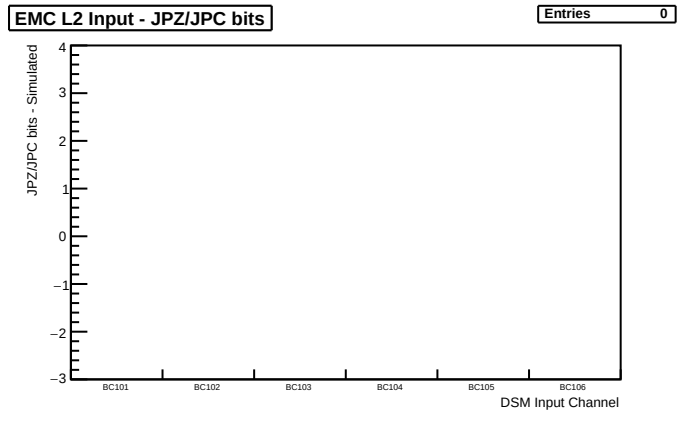

EMC L2 Input - JPX/JPA bits
Entries 2196342
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

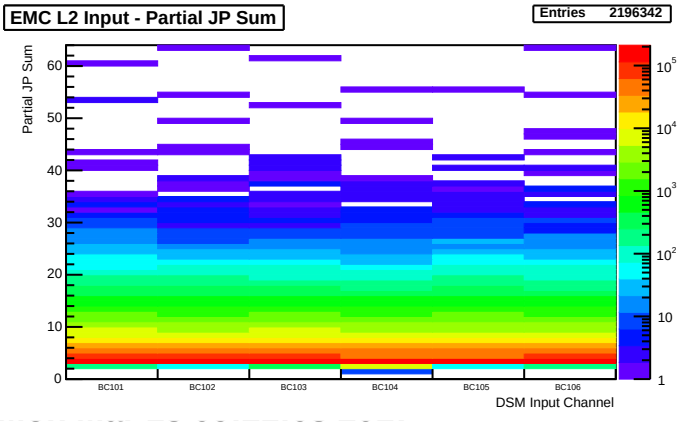

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

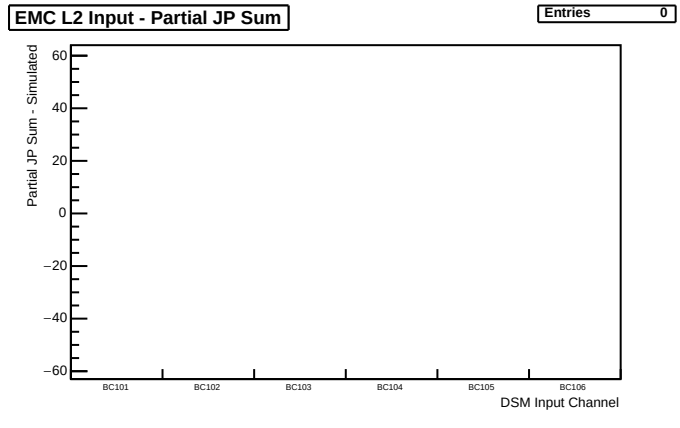

EMC L2 Input - JPY/JPB bits
Entries 2196342
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

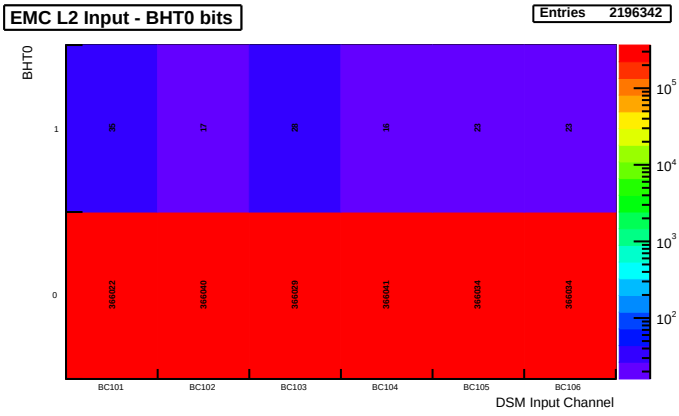

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

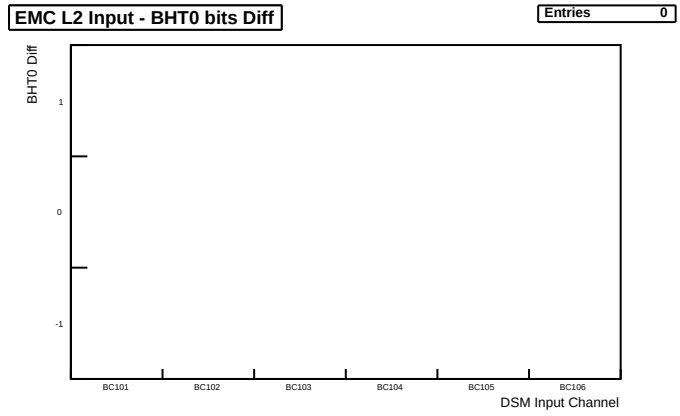

EMC L2 Input - JPZ/JPC bits
Entries 2196342
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

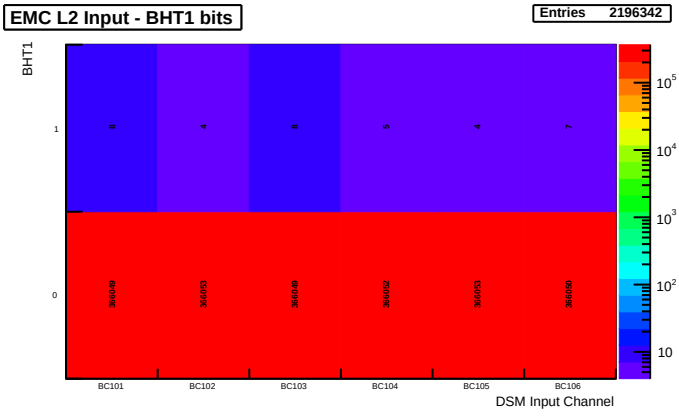

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

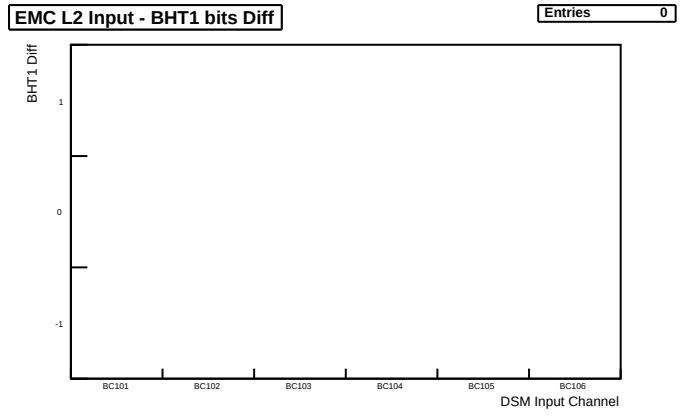

EMC L2 Input - Partial JP Sum
Entries 2196342
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

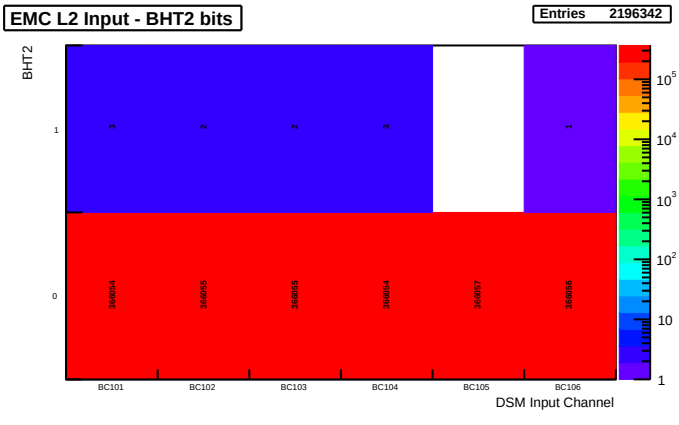

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

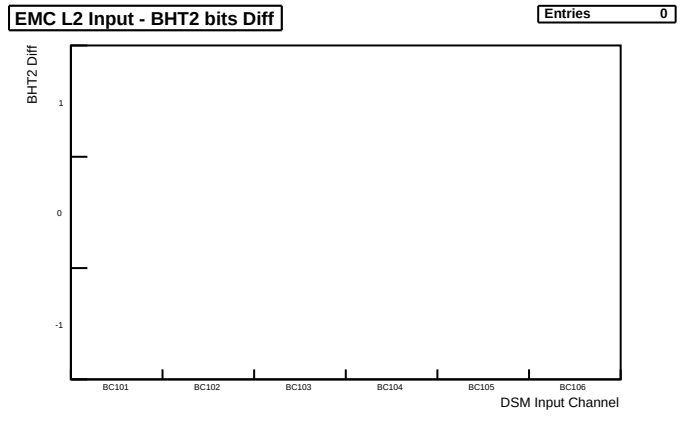

EMC L2 Input - BHT0 bits
Entries 2196342
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

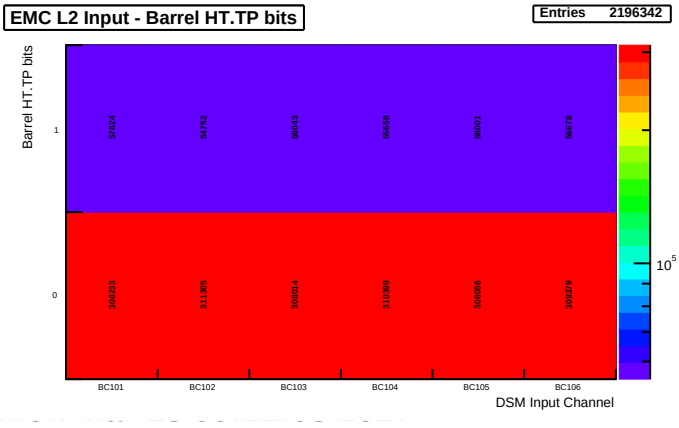

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

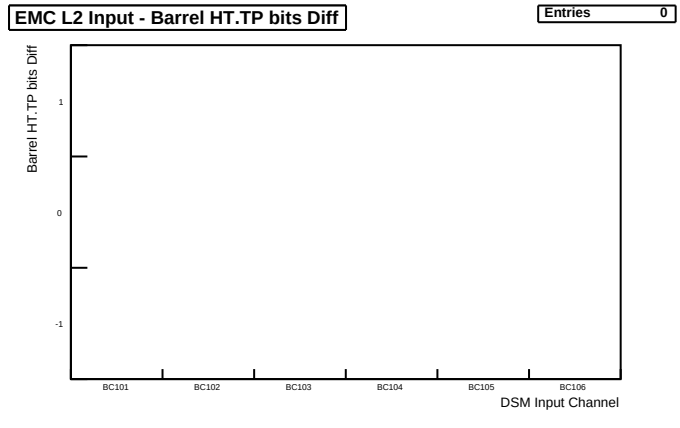

EMC L2 Input - BHT1 bits
Entries 2196342
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

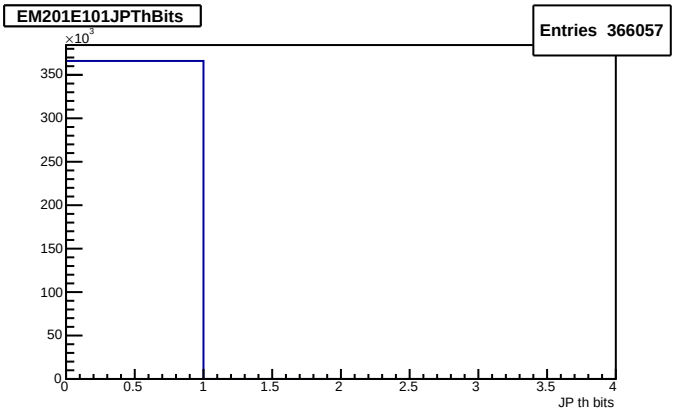

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

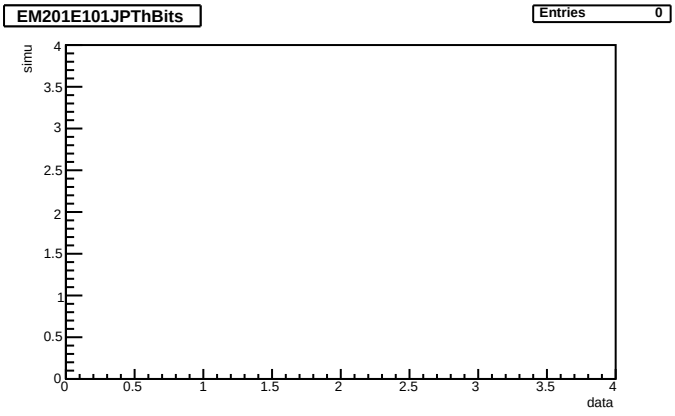

EMC L2 Input - BHT2 bits
Entries 2196342
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

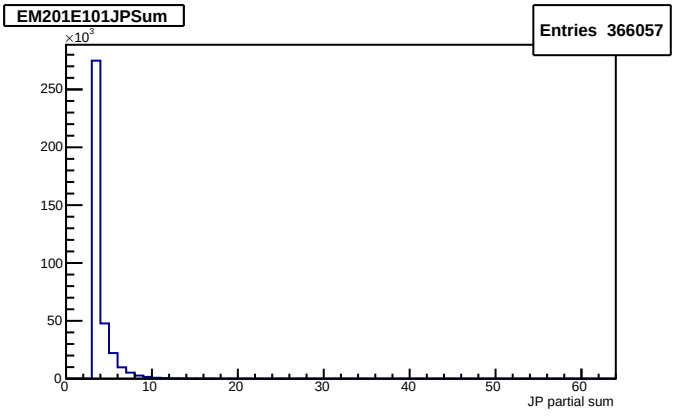

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

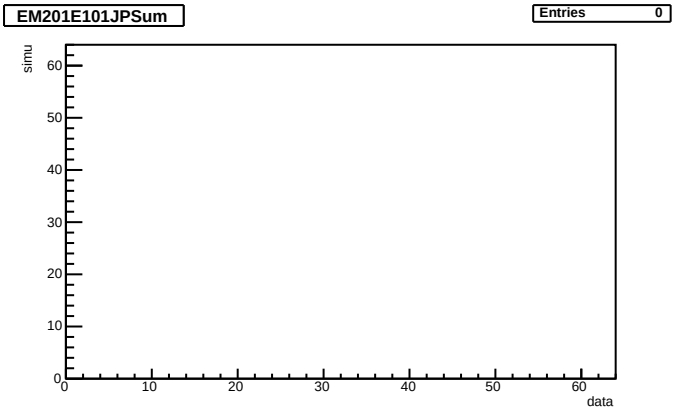

EMC L2 Input - Barrel HT.TP bits
Entries 2196342
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

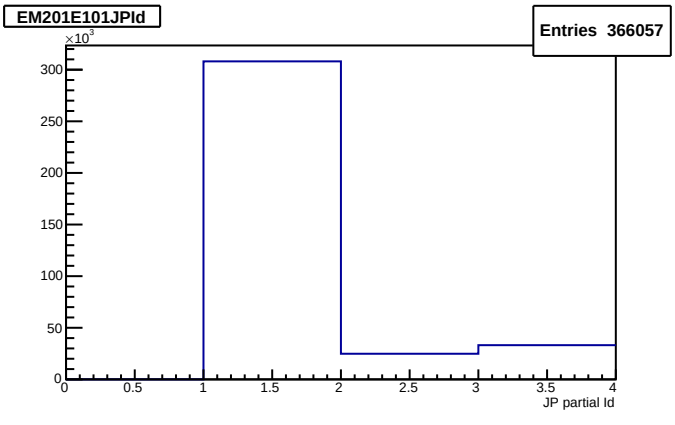

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

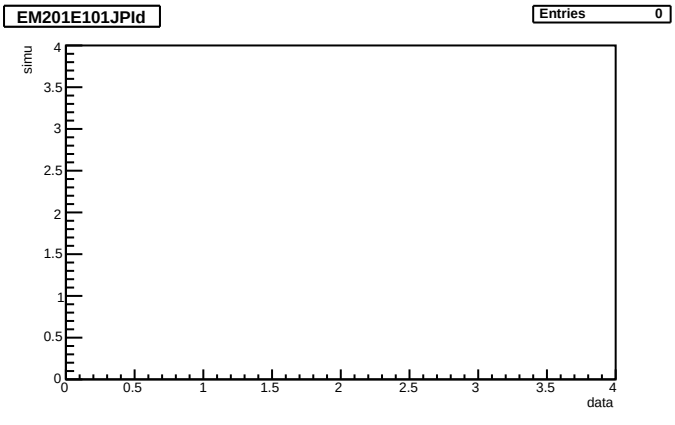

EM201E101JPThBits
Entries 366057
JP th bits

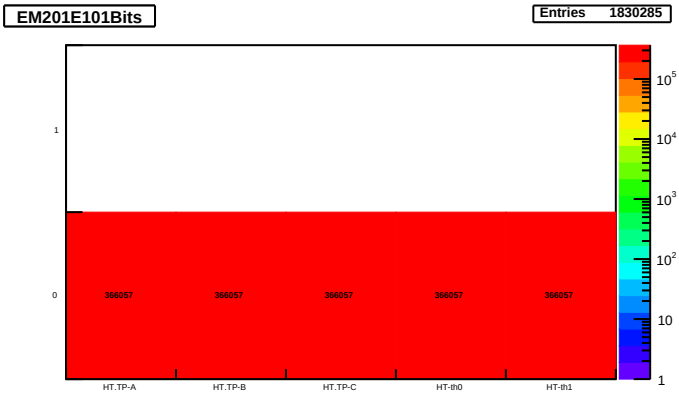

EM201E101JPThBits
Entries 0
simu
data

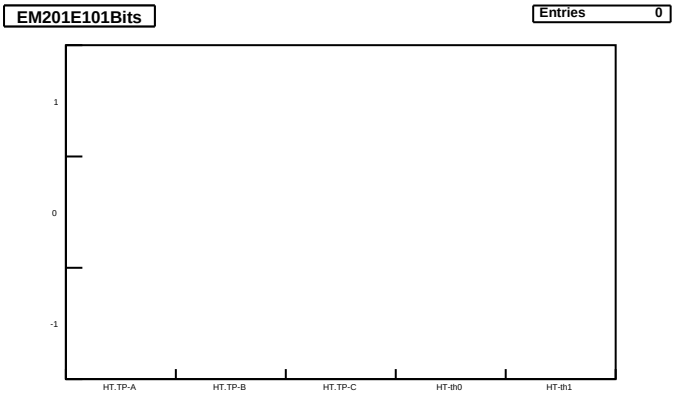

EM201E101JPSum
Entries 366057
JP partial sum

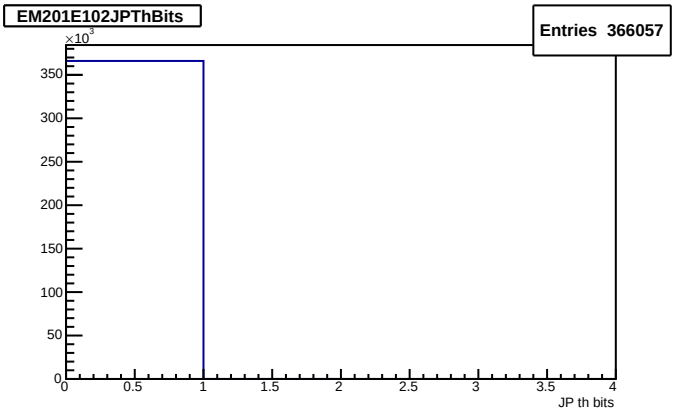

EM201E101JPSum
Entries 0
simu
data

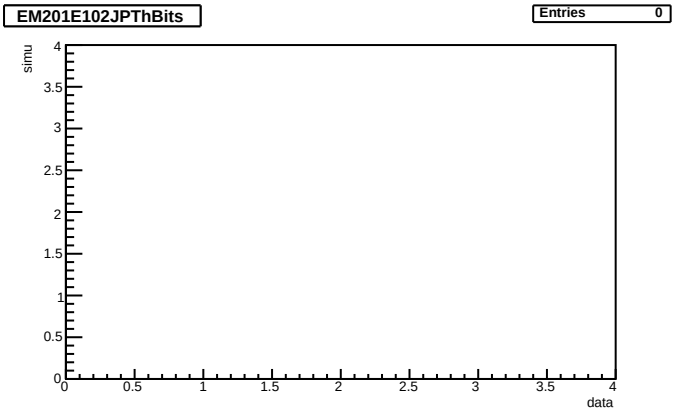

EM201E101JPId
Entries 366057
JP partial Id

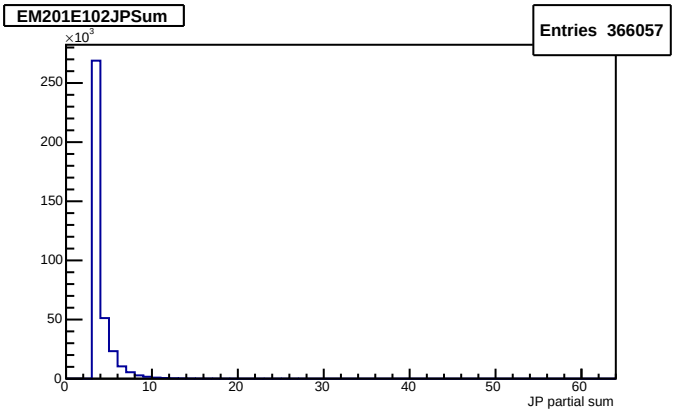

EM201E101JPId
Entries 0
simu
data

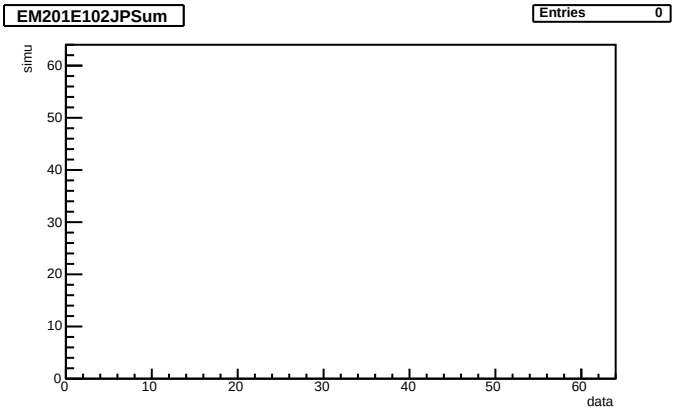

EM201E101Bits
Entries 1830285
366057
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

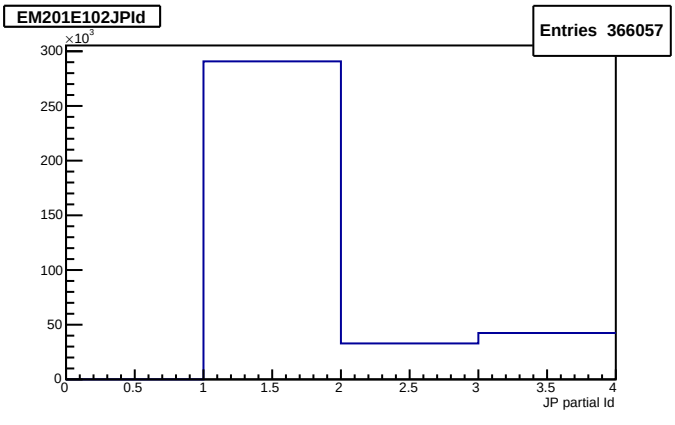

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

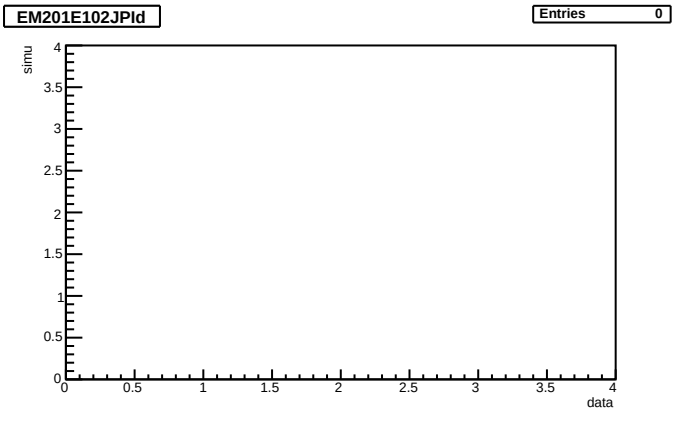

EM201E102JPThBits
Entries 366057
JP th bits

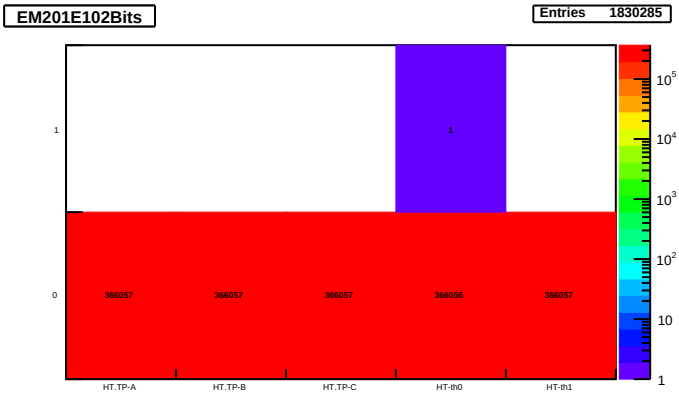

EM201E102JPThBits
Entries 0
simu
data

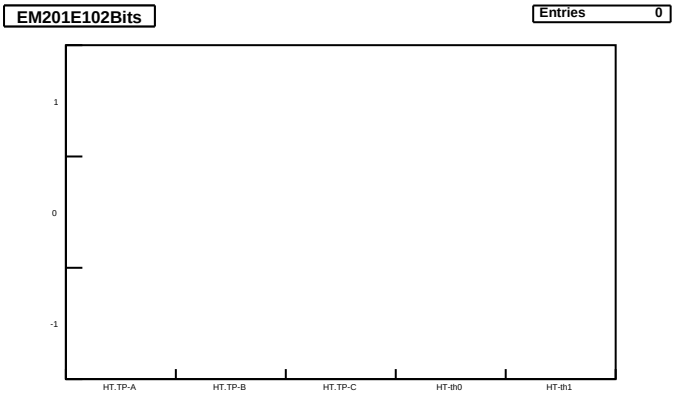

EM201E102JPSum
Entries 366057
JP partial sum

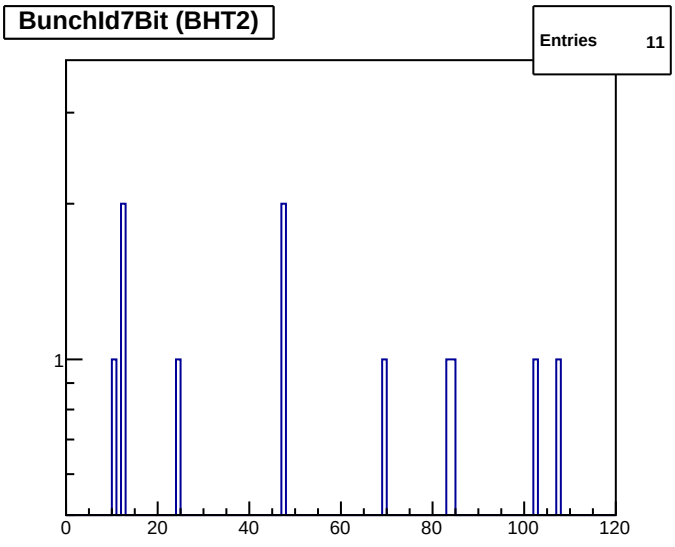

EM201E102JPSum
Entries 0
simu
data

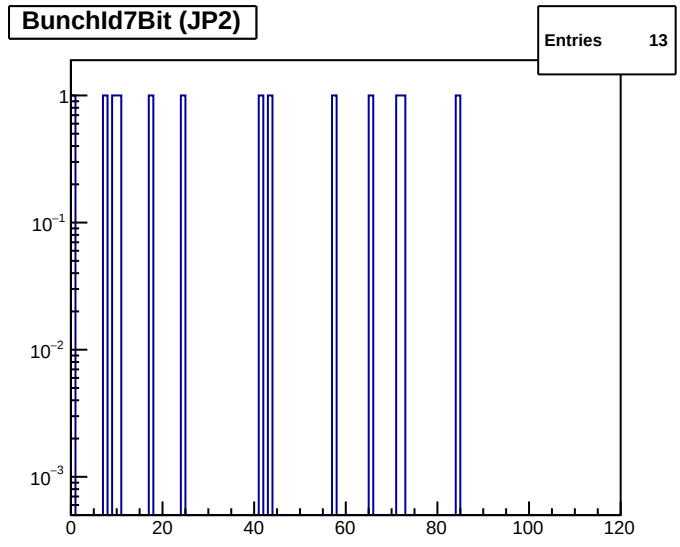

EM201E102JPId
Entries 366057
JP partial Id

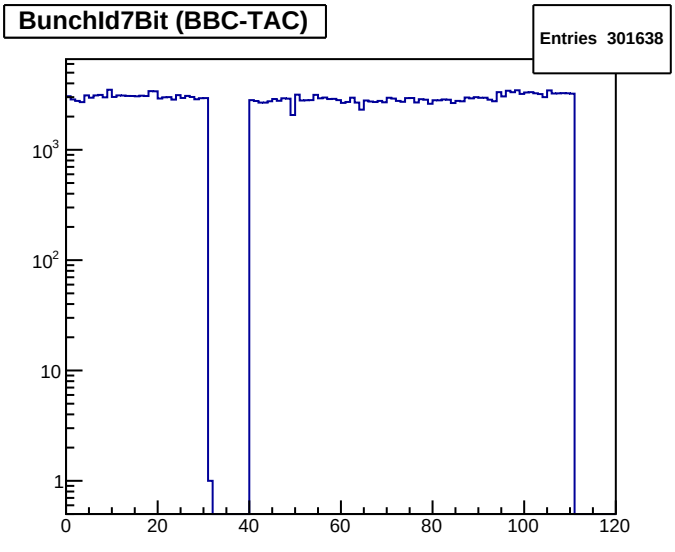

EM201E102JPId
Entries 0
simu
data

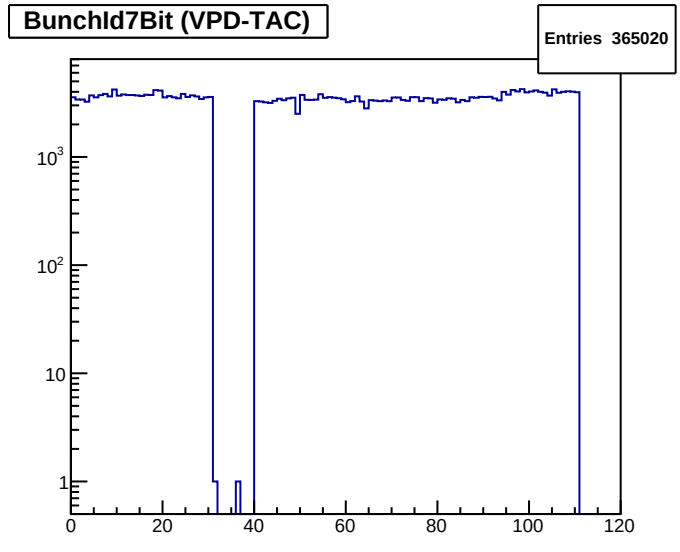

EM201E102Bits
Entries 1830285
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

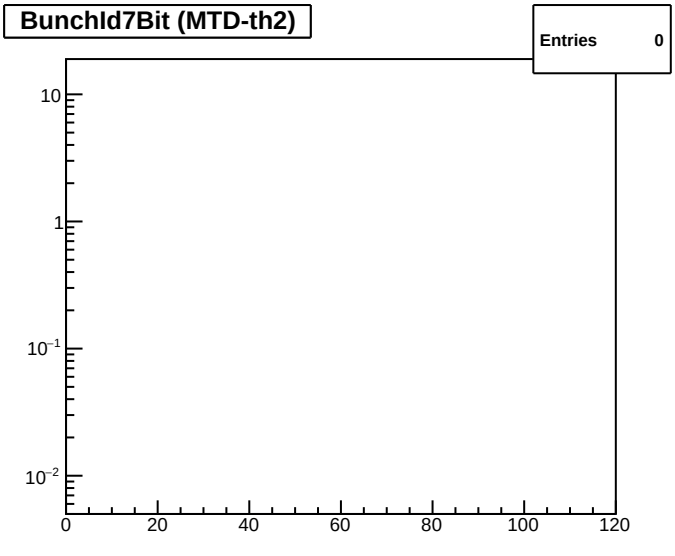

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

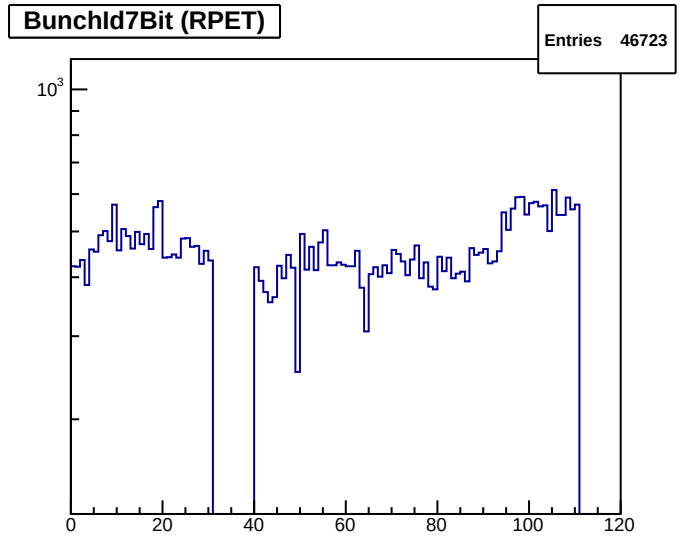

BunchId7Bit (BHT2)
Entries 11
1
0
20
40
60
80
100
120

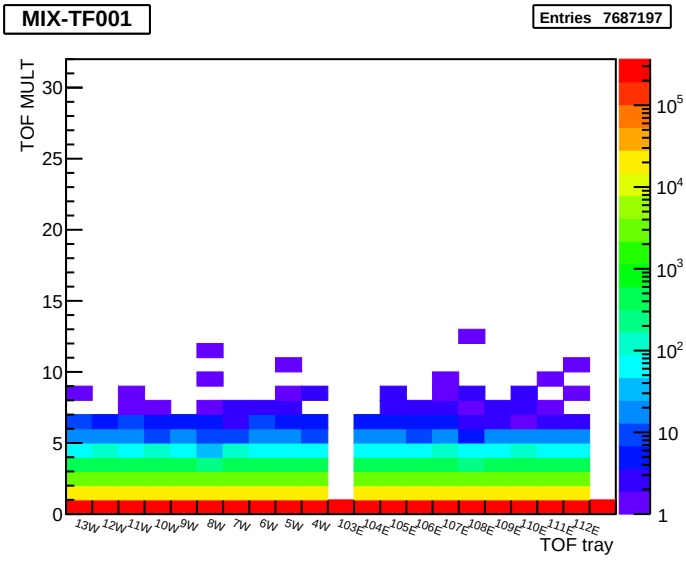

BunchId7Bit (JP2)
Entries 13
1
$10^{-1}$
$10^{-2}$
$10^{-3}$
0
20
40
60
80
100
120

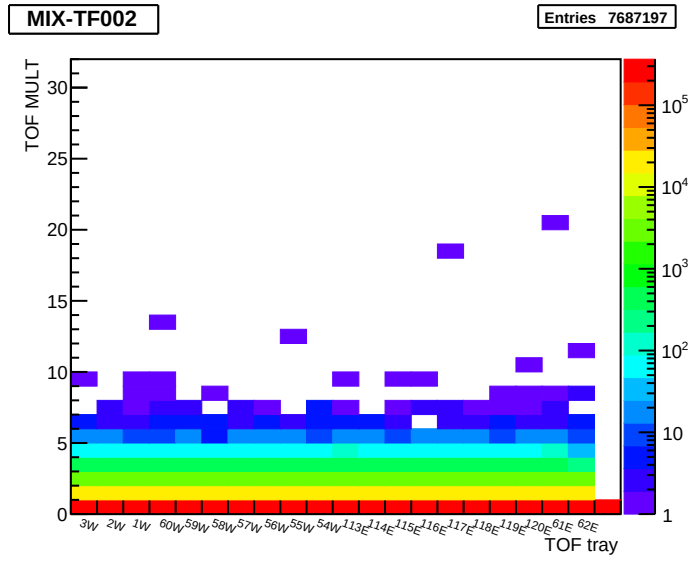

BunchId7Bit (BBC-TAC)
Entries 301638
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

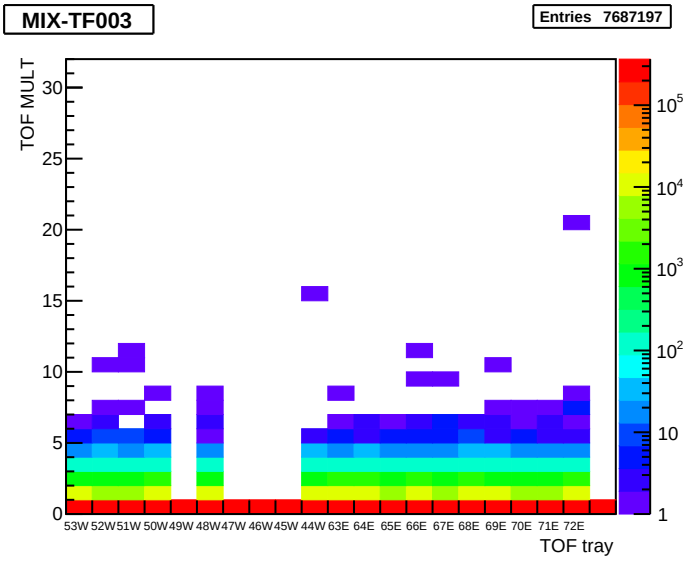

BunchId7Bit (VPD-TAC)
Entries 365020
$10^3$
$10^2$
10
1
0
20
40
60
80
100
120

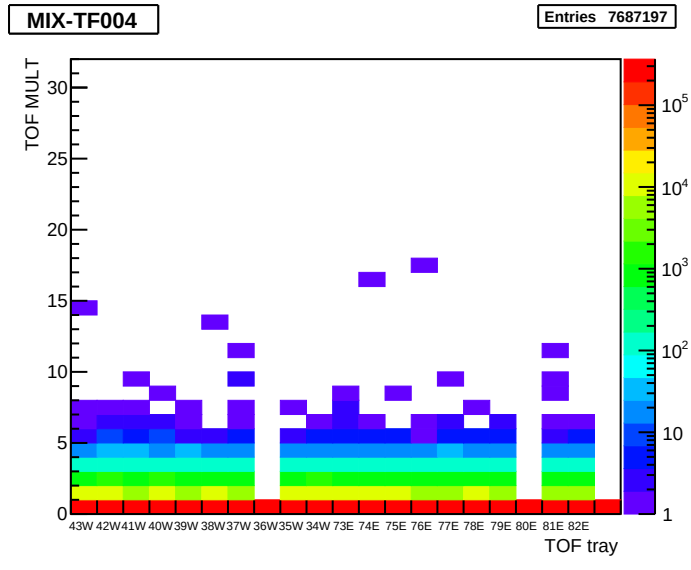

BunchId7Bit (MTD-th2)
Entries 0
10
1
$10^{-1}$
$10^{-2}$
0
20
40
60
80
100
120

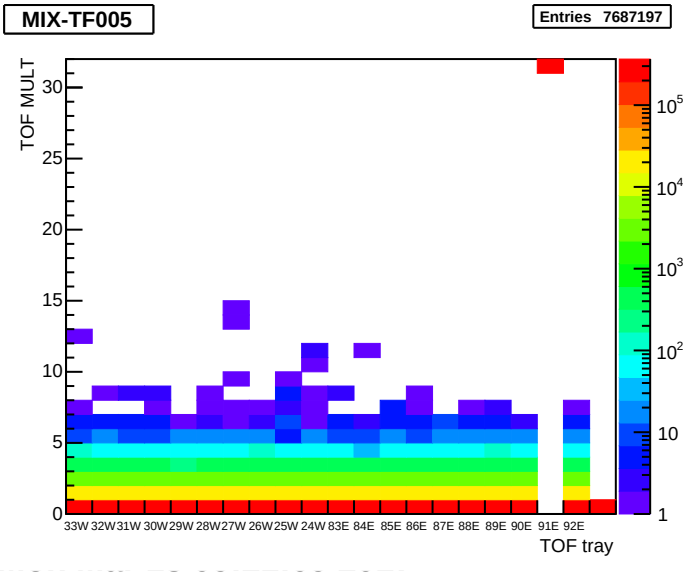

BunchId7Bit (RPET)
Entries 46723
$10^3$
0
20
40
60
80
100
120

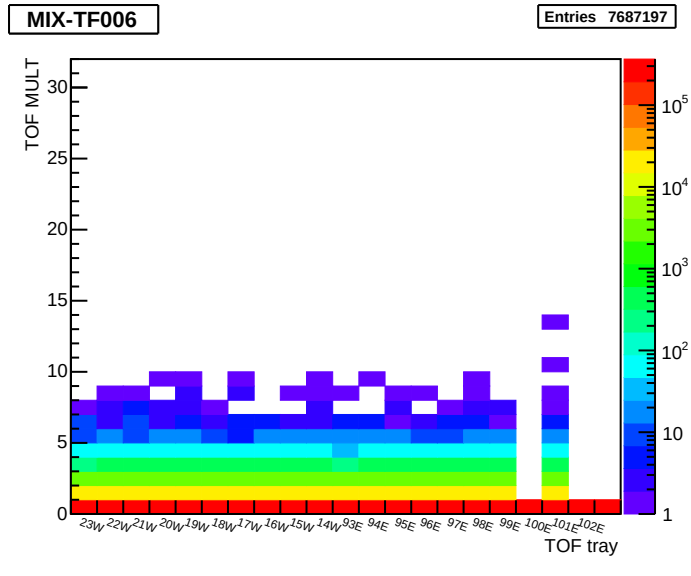

MIX-TF001
Entries 7687197
TOF MULT
TOF tray

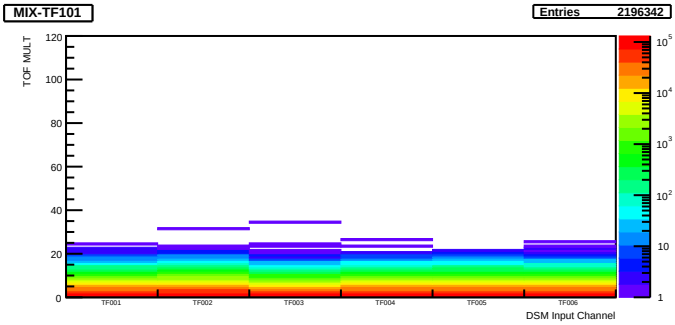

MIX-TF002
Entries 7687197
TOF MULT
TOF tray

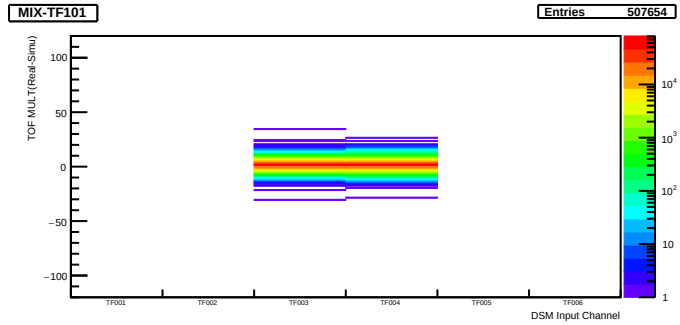

MIX-TF003
Entries 7687197
TOF MULT
TOF tray

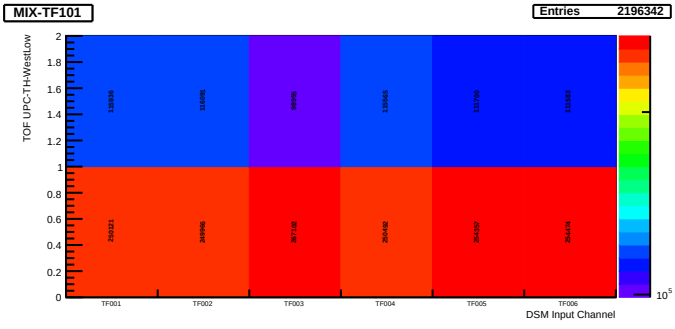

MIX-TF004
Entries 7687197
TOF MULT
TOF tray

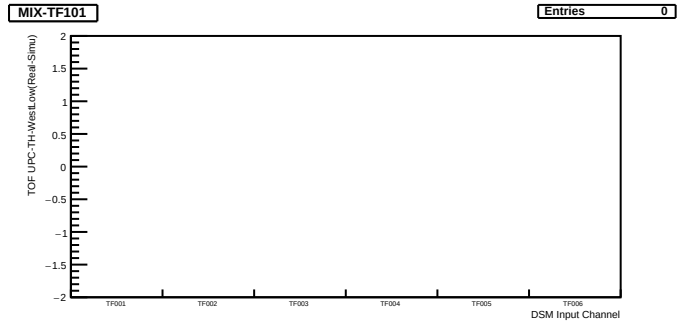

MIX-TF005
Entries 7687197
TOF MULT
TOF tray

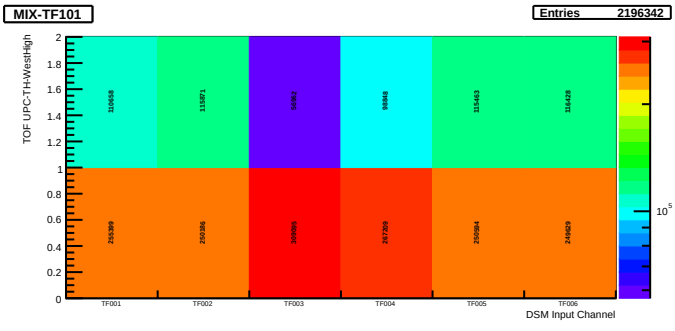

MIX-TF006
Entries 7687197
TOF MULT
TOF tray

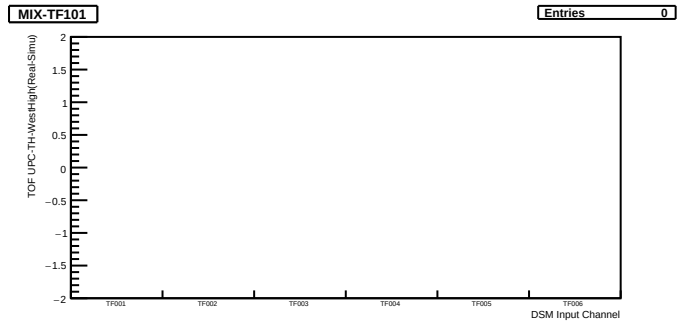

MIX-TF101
Entries 2196342
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

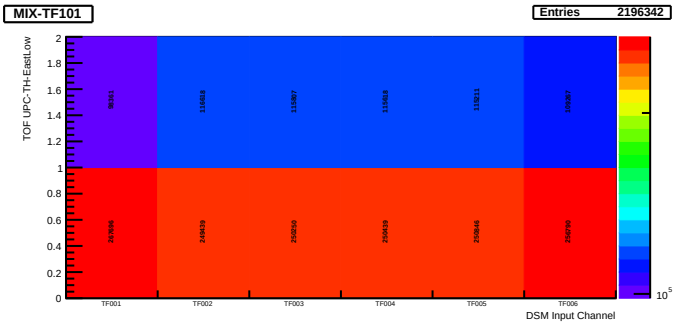

MIX-TF101
Entries 507654
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

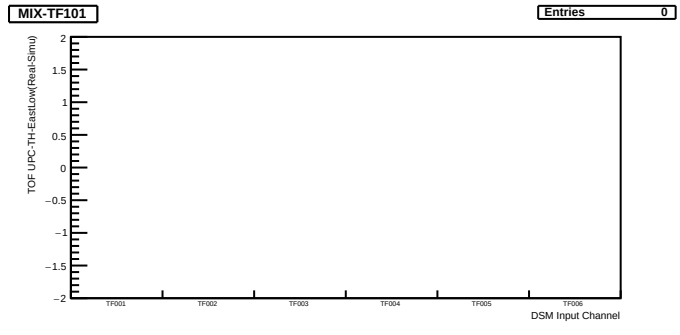

MIX-TF101
Entries 2196342
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

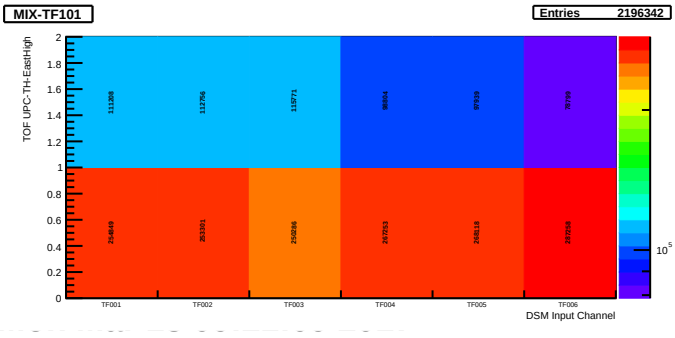

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

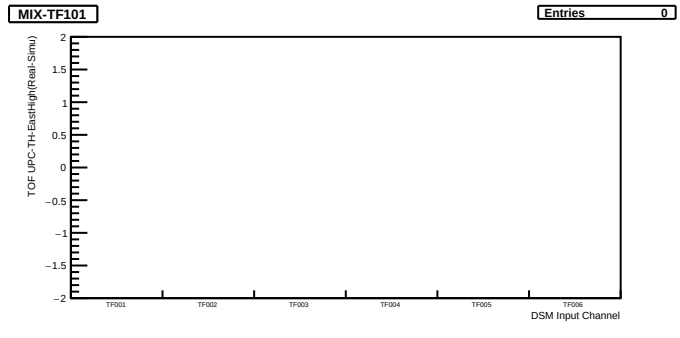

MIX-TF101
Entries 2196342
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

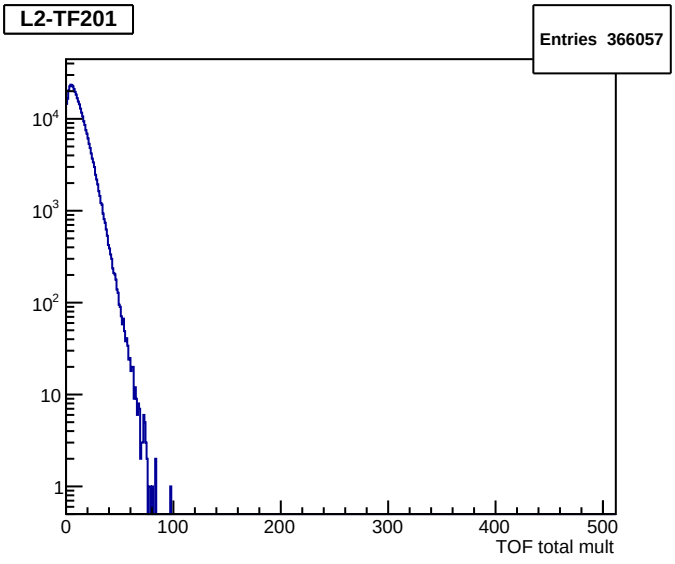

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

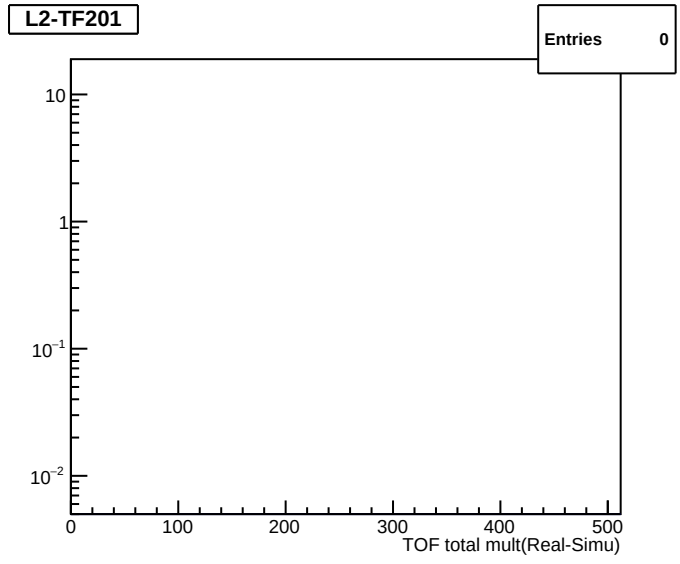

MIX-TF101
Entries 2196342
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

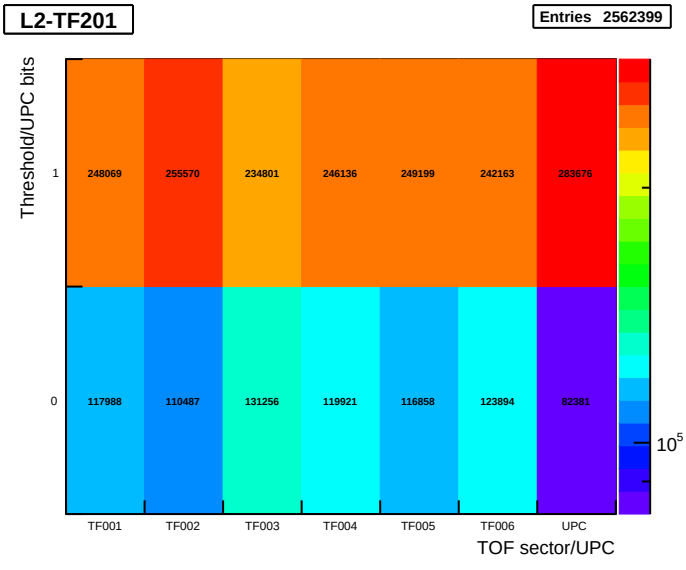

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

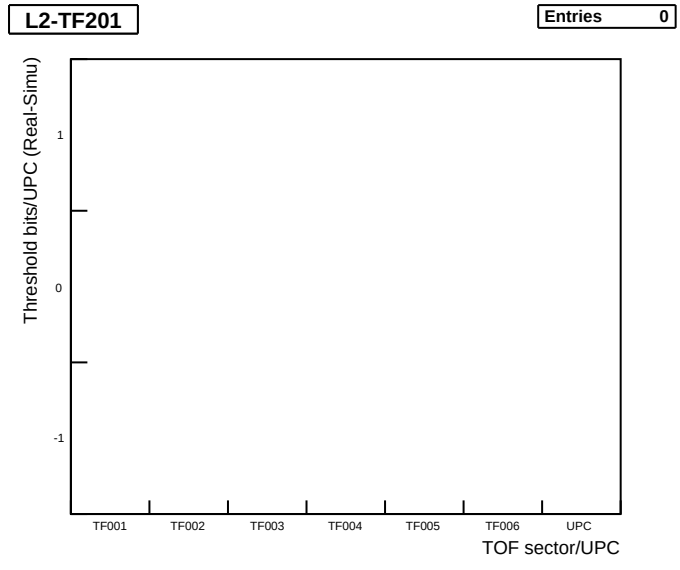

MIX-TF101
Entries 2196342
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

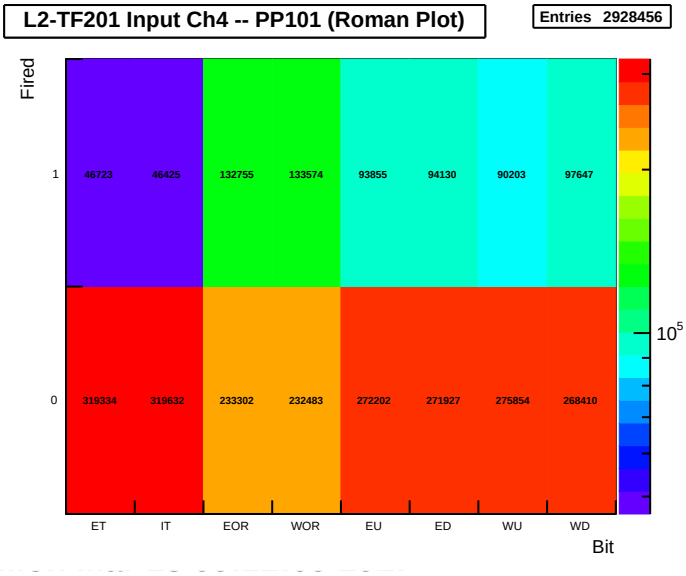

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

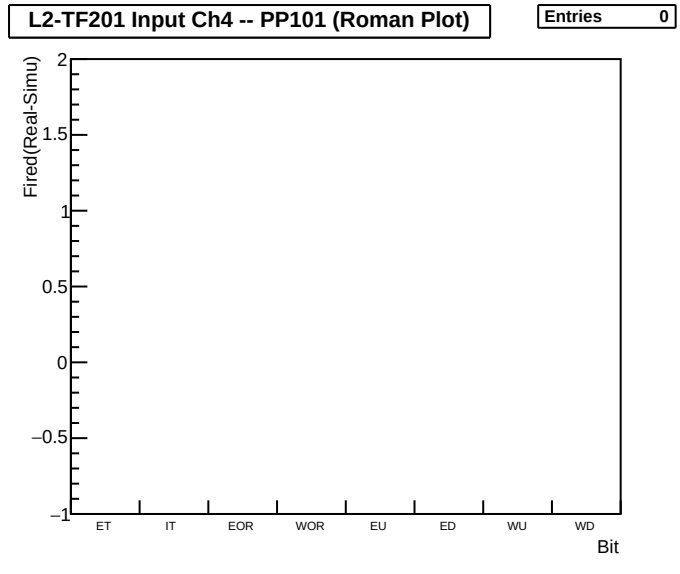

L2-TF201
Entries 366057
TOF total mult

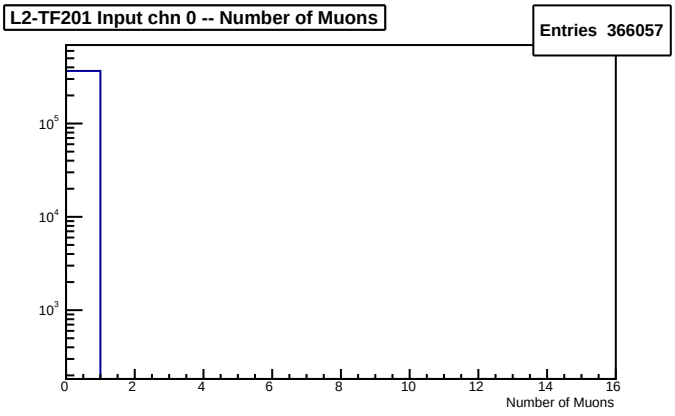

L2-TF201
Entries 0
TOF total mult(Real-Simu)

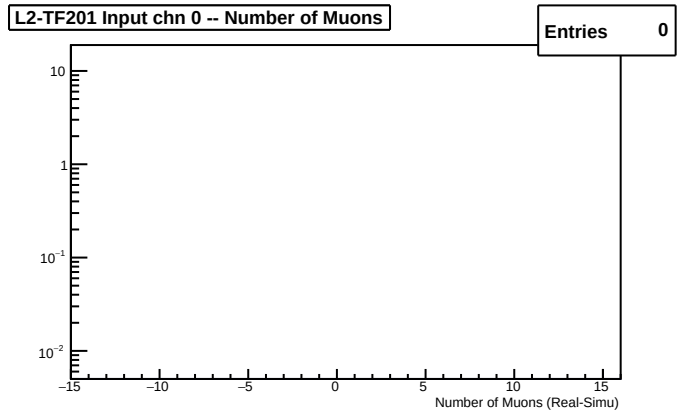

L2-TF201
Entries 2562399
Threshold/UPC bits
248069
255570
234801
246136
249199
242163
283676
117988
110487
131256
119921
116858
123894
82381
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

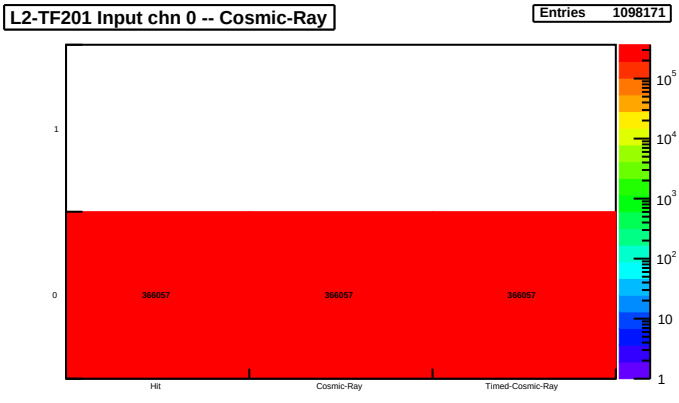

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

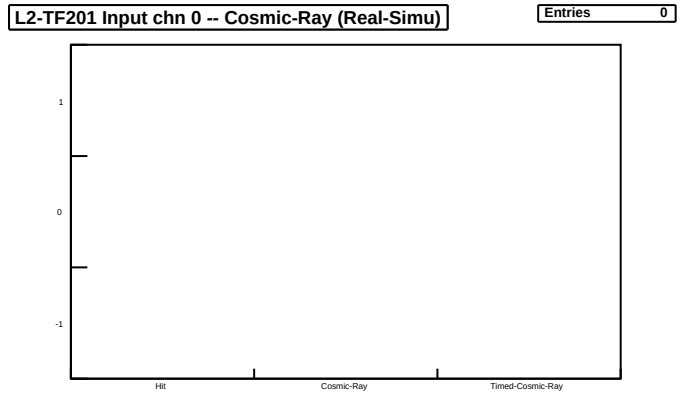

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2928456
Fired
46723
46425
132755
133574
93855
94130
90203
97647
319334
319632
233302
232483
272202
271927
275854
268410
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

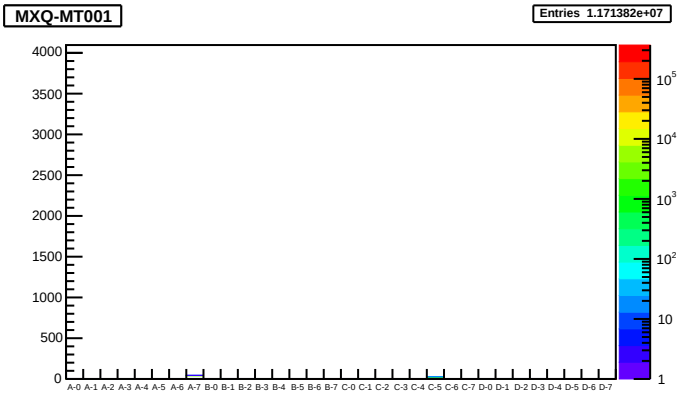

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

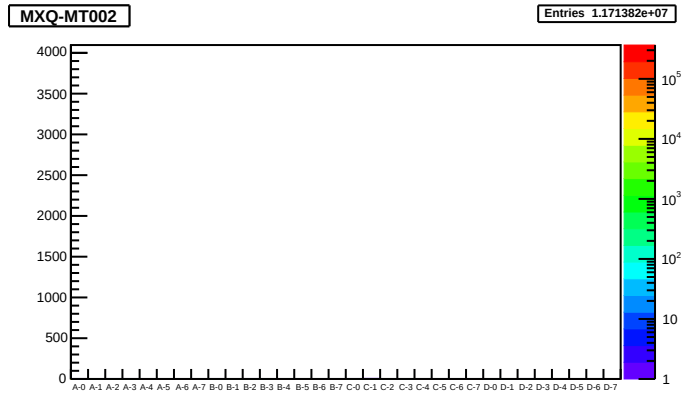

L2-TF201 Input chn 0 -- Number of Muons
Entries 366057
Number of Muons

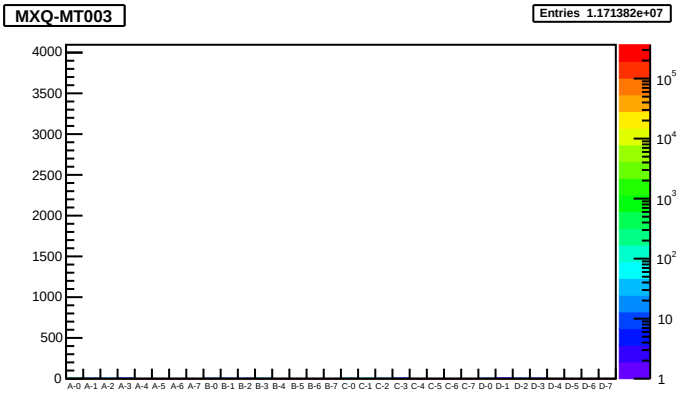

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

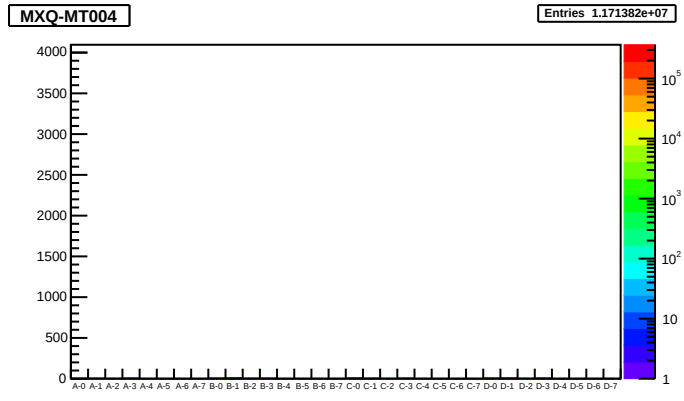

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1098171
366057
366057
366057
Hit
Cosmic-Ray
Timed-Cosmic-Ray

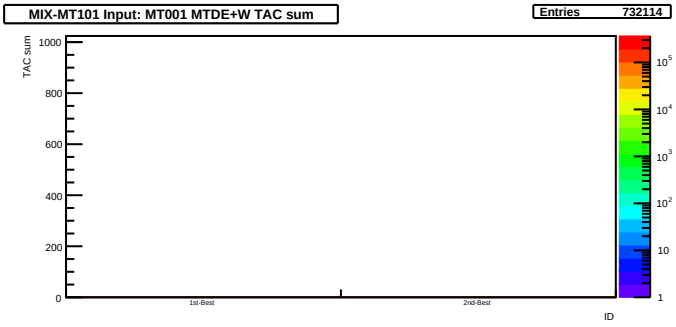

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

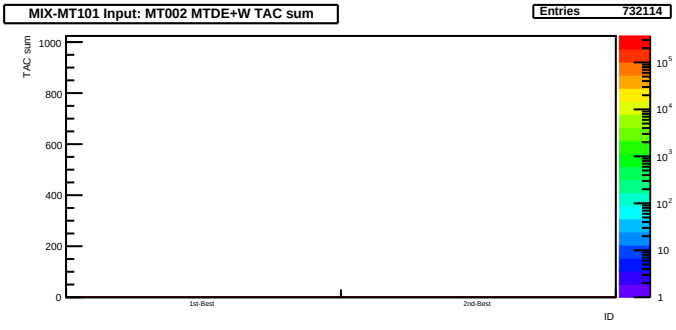

MXQ-MT001
Entries 1.171382e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1

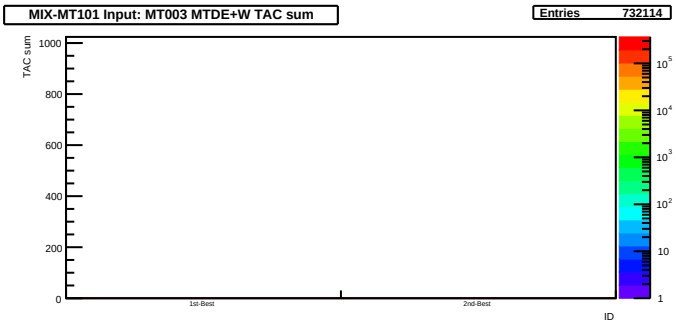

MXQ-MT002
Entries 1.171382e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1

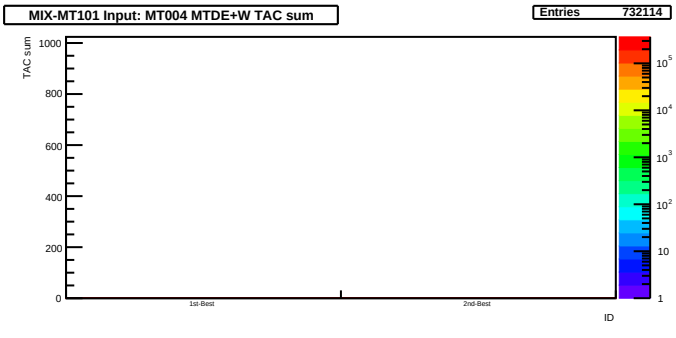

MXQ-MT003
Entries 1.171382e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1

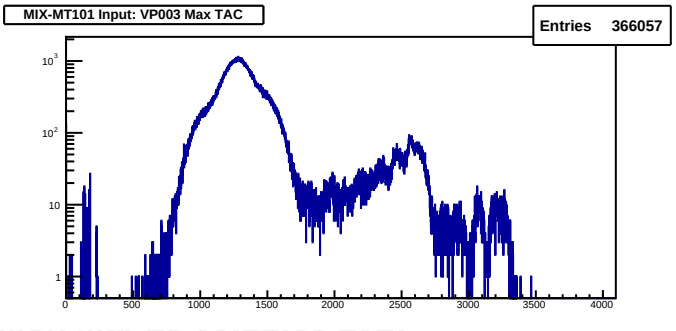

MXQ-MT004
Entries 1.171382e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
$10^5$
$10^4$
$10^3$
$10^2$
10
1

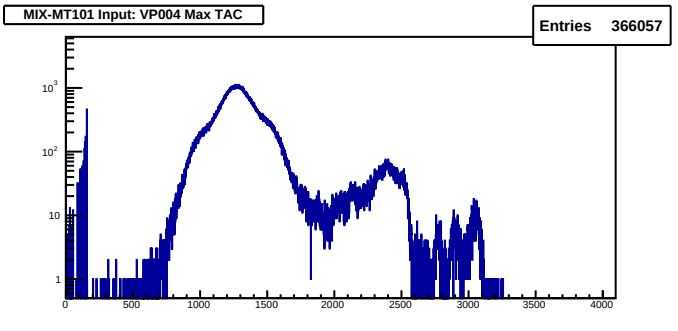

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 732114
TAC sum
1st-Best
2nd-Best
ID

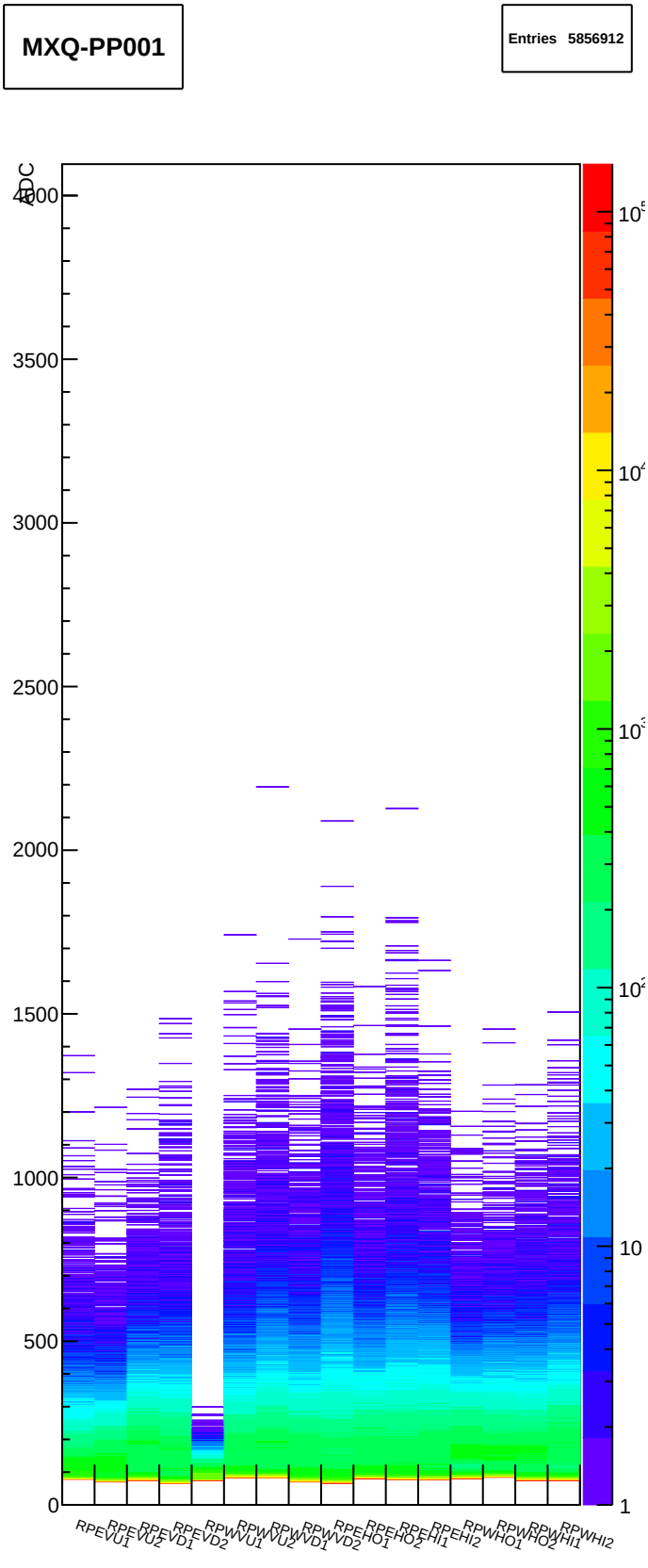

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 732114
TAC sum
1st-Best
2nd-Best
ID

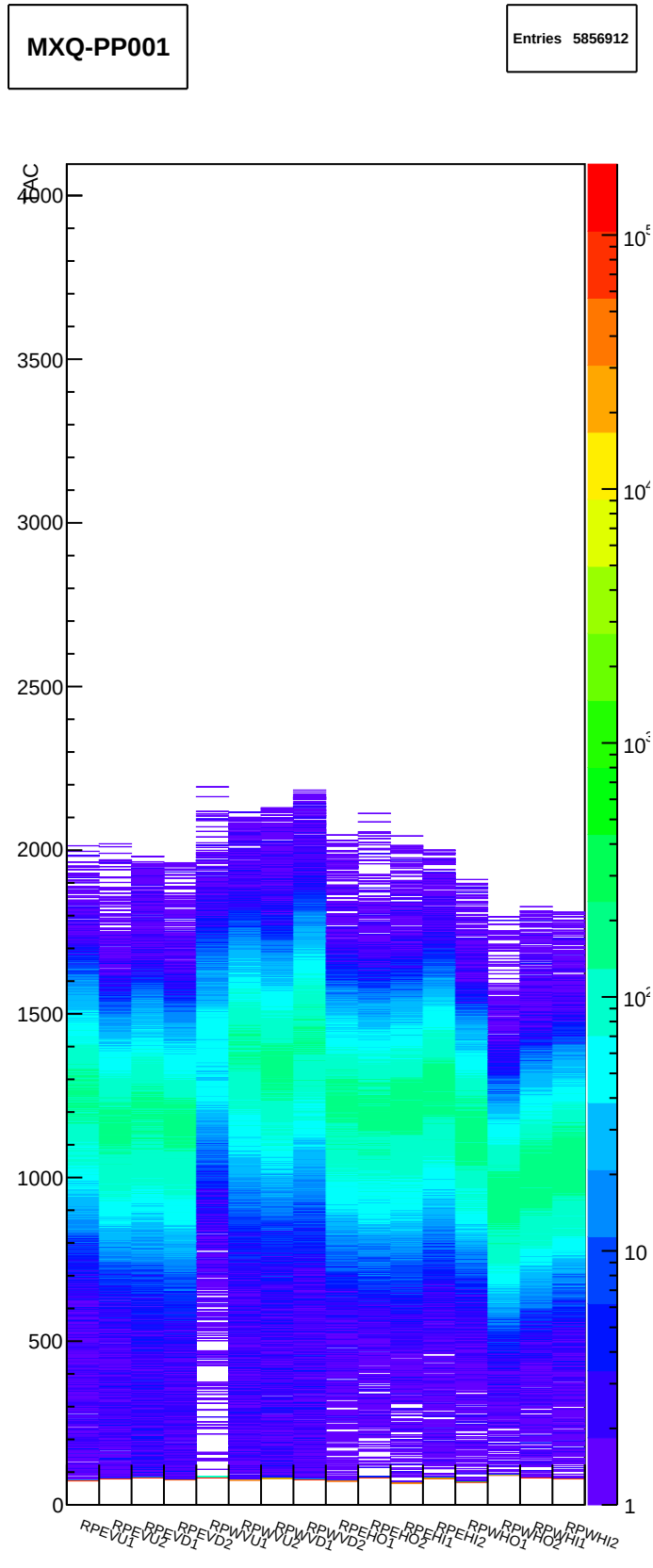

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 732114
TAC sum
1st-Best
2nd-Best
ID

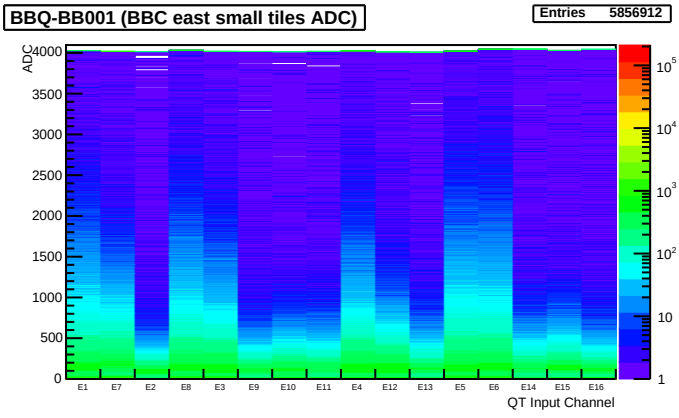

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 732114
TAC sum
1st-Best
2nd-Best
ID

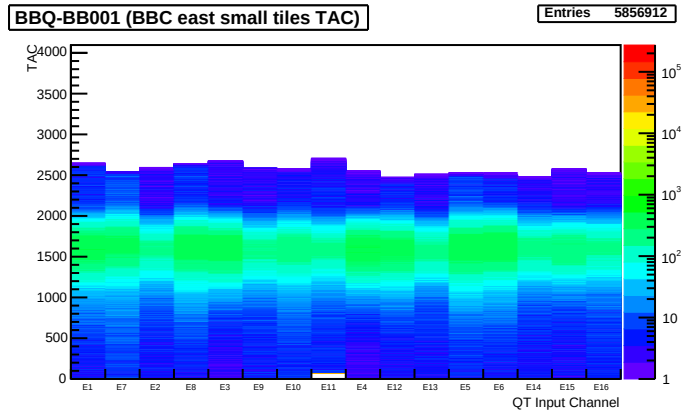

MIX-MT101 Input: VP003 Max TAC
Entries 366057

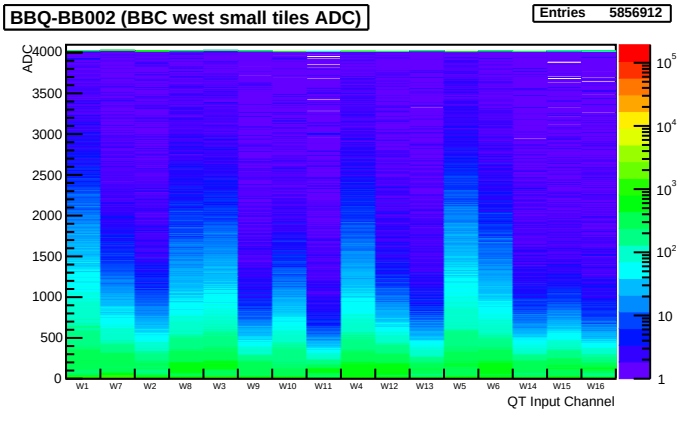

MIX-MT101 Input: VP004 Max TAC
Entries 366057

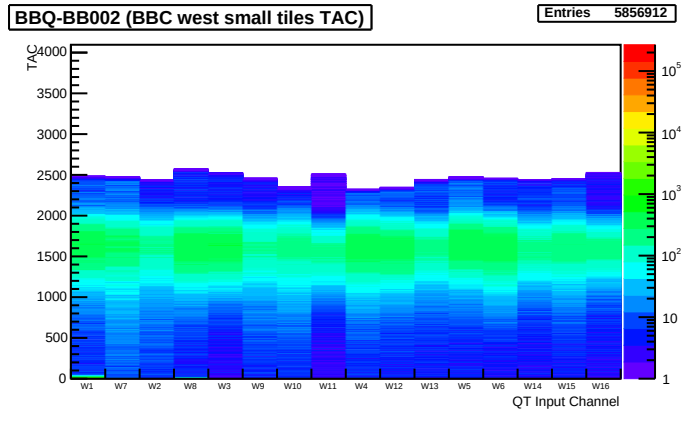

MXQ-PP001
Entries 5856912
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

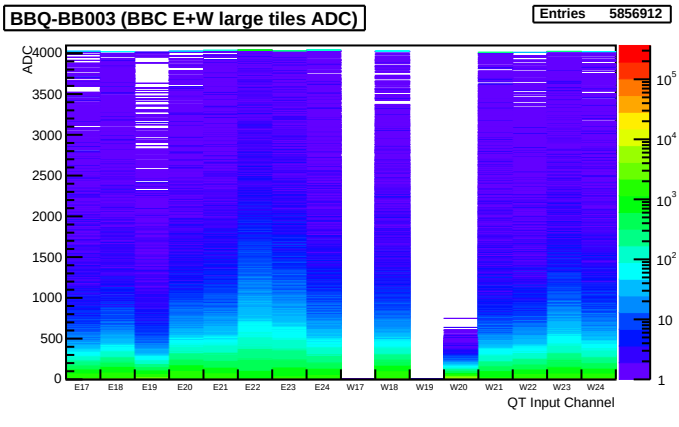

MXQ-PP001
Entries 5856912
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

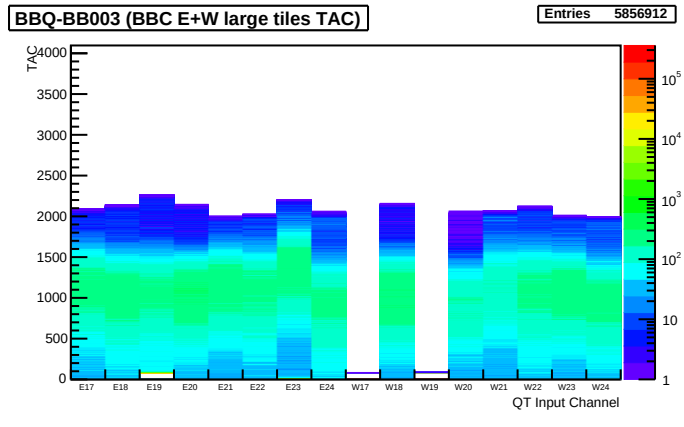

BBQ-BB001 (BBC east small tiles ADC)
Entries 5856912
ADC
QT Input Channel

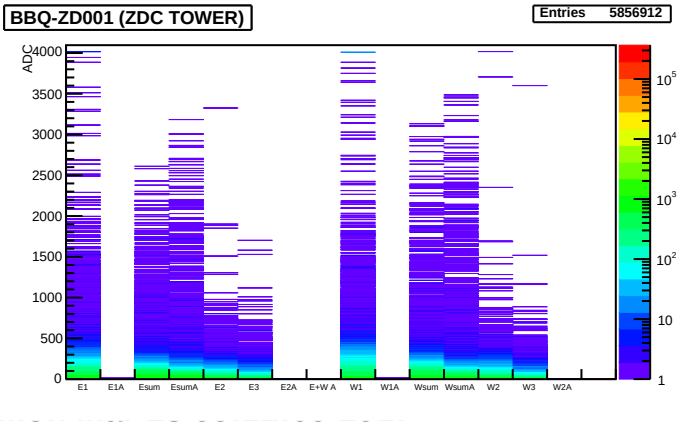

BBQ-BB001 (BBC east small tiles TAC)
Entries 5856912
TAC
QT Input Channel

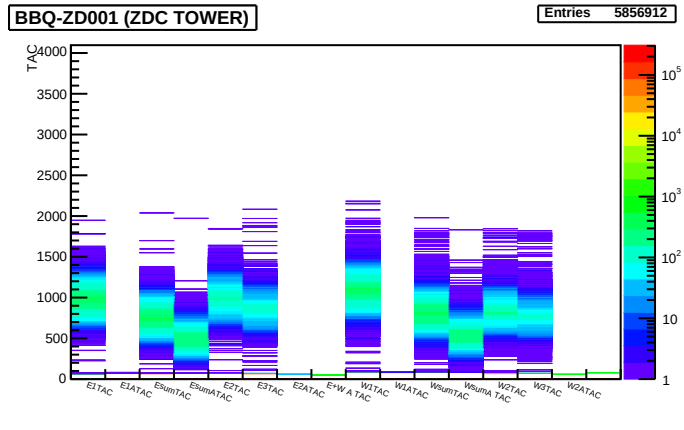

BBQ-BB002 (BBC west small tiles ADC)
Entries 5856912
ADC
QT Input Channel

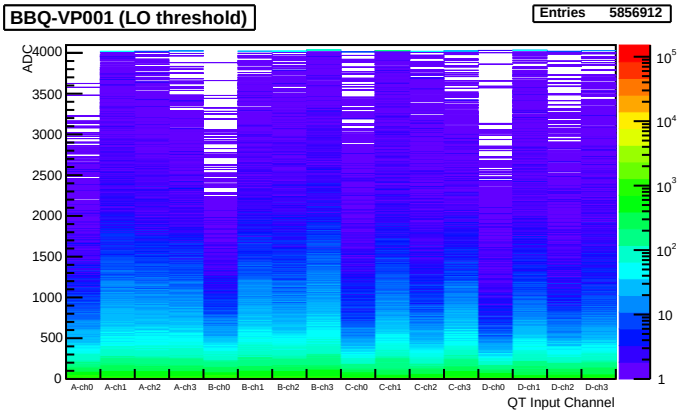

BBQ-BB002 (BBC west small tiles TAC)
Entries 5856912
TAC
QT Input Channel

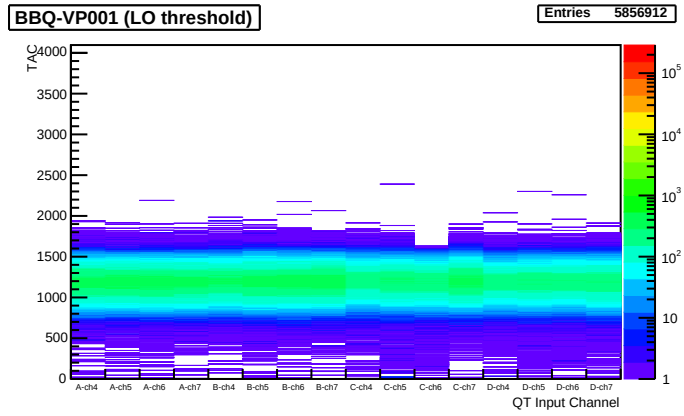

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5856912
ADC
QT Input Channel

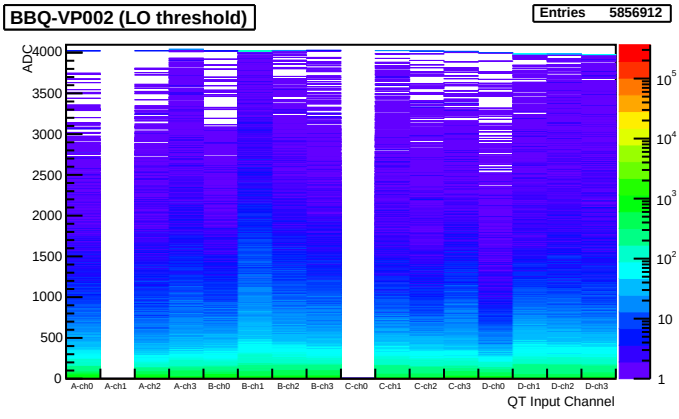

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5856912
TAC
QT Input Channel

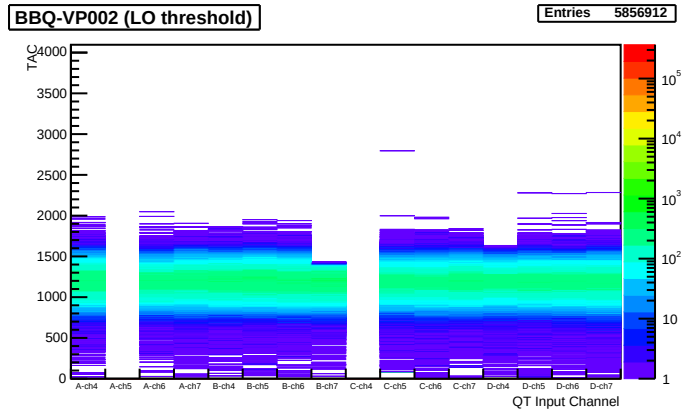

BBQ-ZD001 (ZDC TOWER)
Entries 5856912
ADC

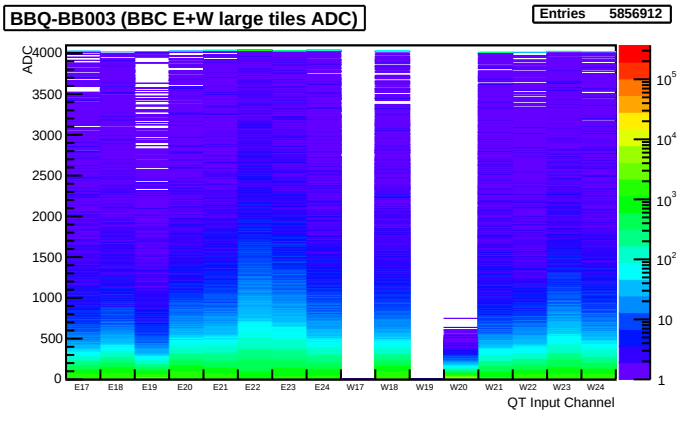

BBQ-ZD001 (ZDC TOWER)
Entries 5856912
TAC

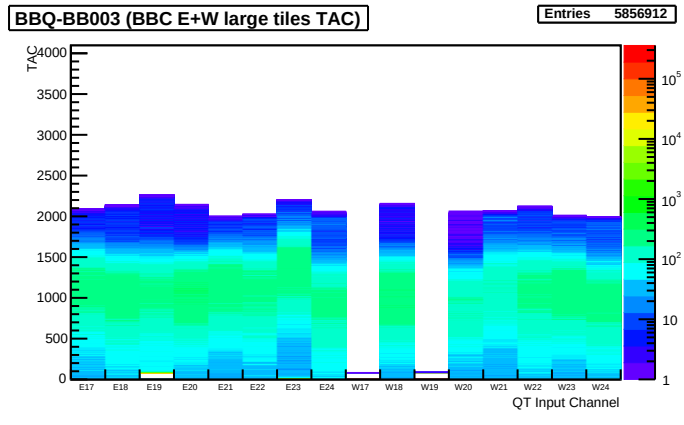

BBQ-VP001 (LO threshold)
Entries 5856912
ADC
QT Input Channel

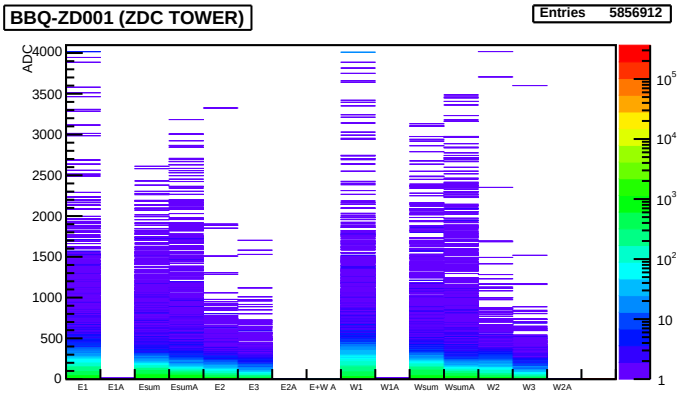

BBQ-VP001 (LO threshold)
Entries 5856912
TAC
QT Input Channel

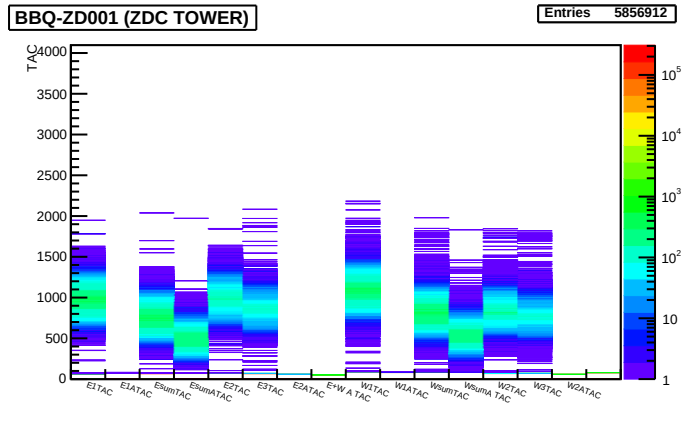

BBQ-VP002 (LO threshold)
Entries 5856912
ADC
QT Input Channel

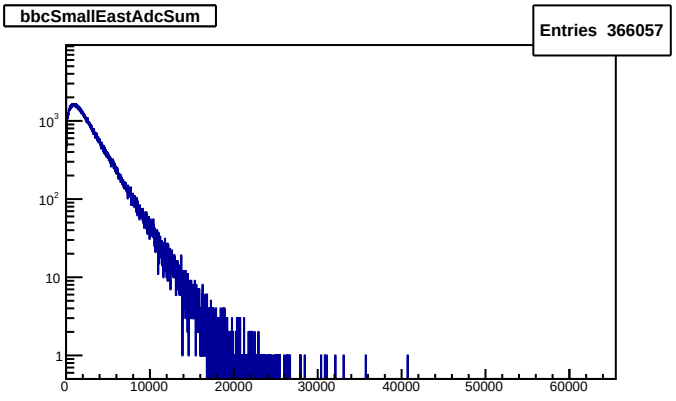

BBQ-VP002 (LO threshold)
Entries 5856912
TAC
QT Input Channel

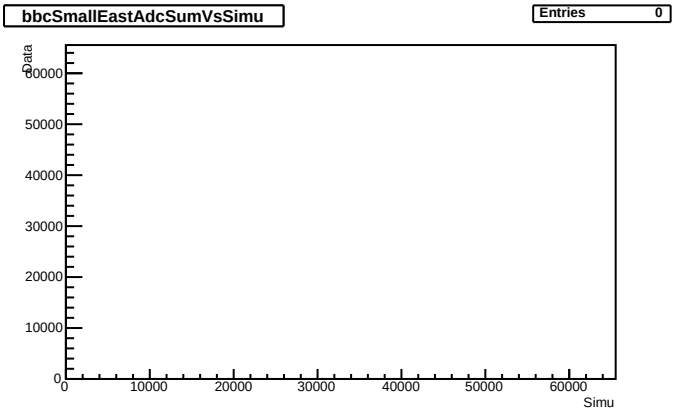

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5856912
ADC
QT Input Channel

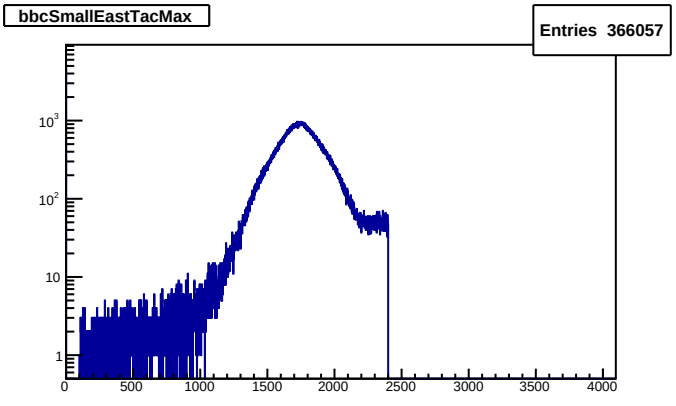

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5856912
TAC
QT Input Channel

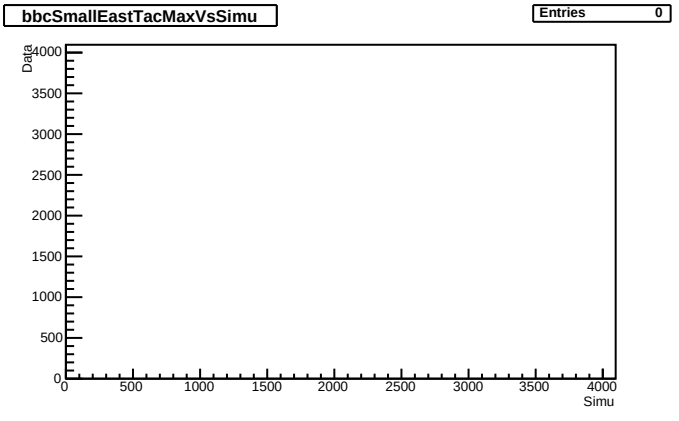

BBQ-ZD001 (ZDC TOWER)
Entries 5856912
ADC

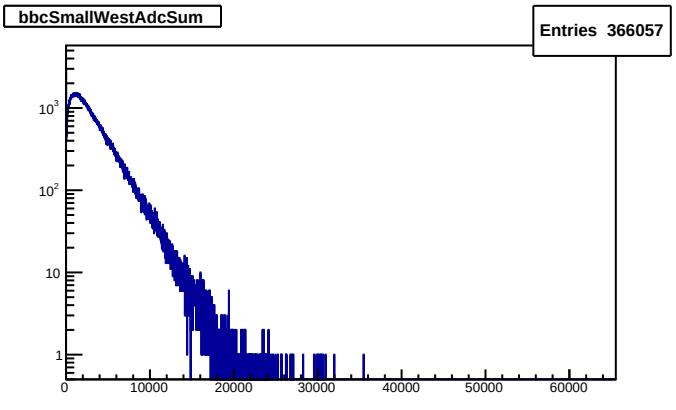

BBQ-ZD001 (ZDC TOWER)
Entries 5856912
TAC

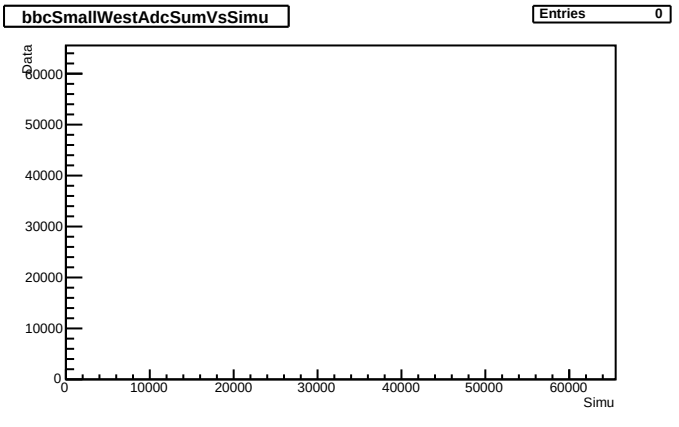

bbcSmallEastAdcSum
Entries 366057

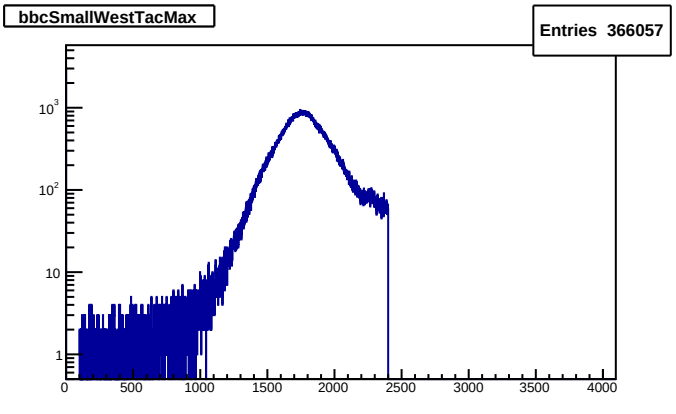

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

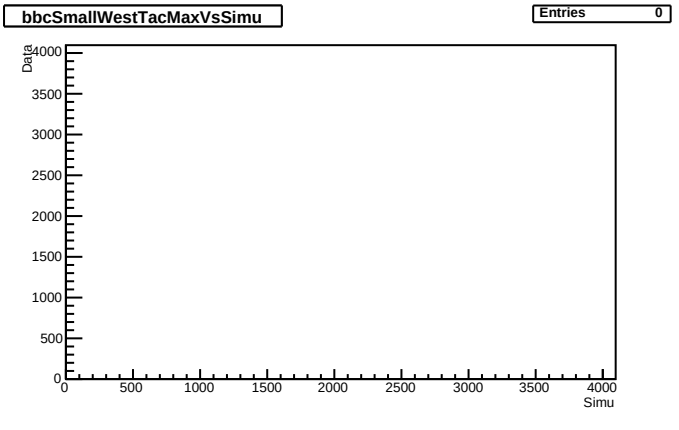

bbcSmallEastTacMax
Entries 366057

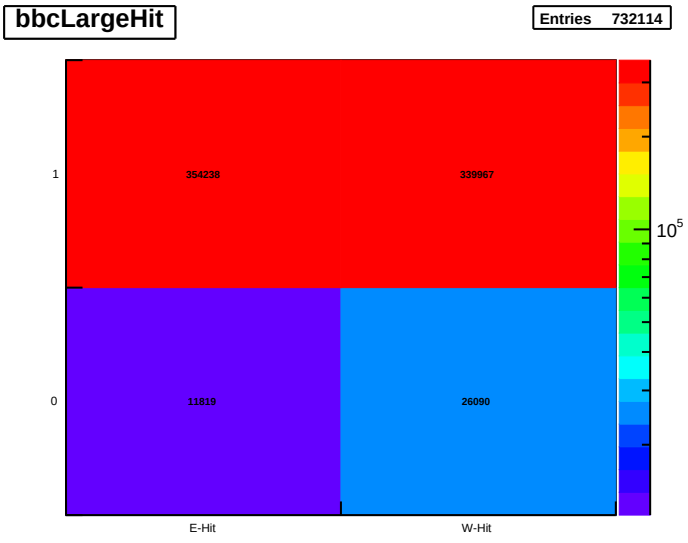

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

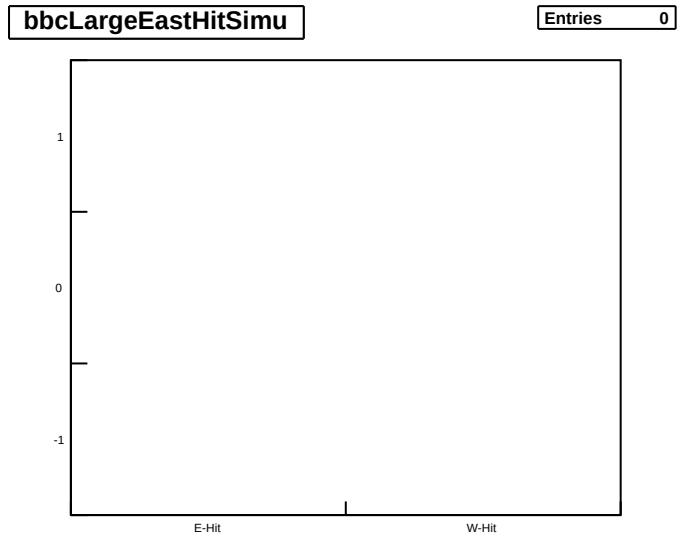

bbcSmallWestAdcSum
Entries 366057

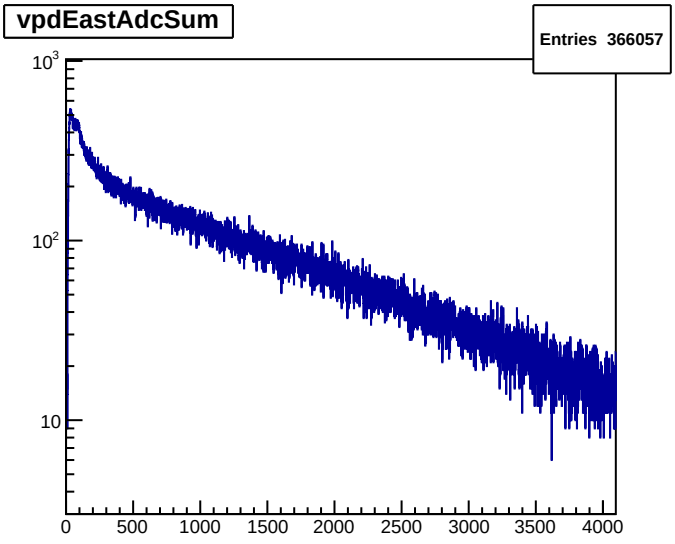

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

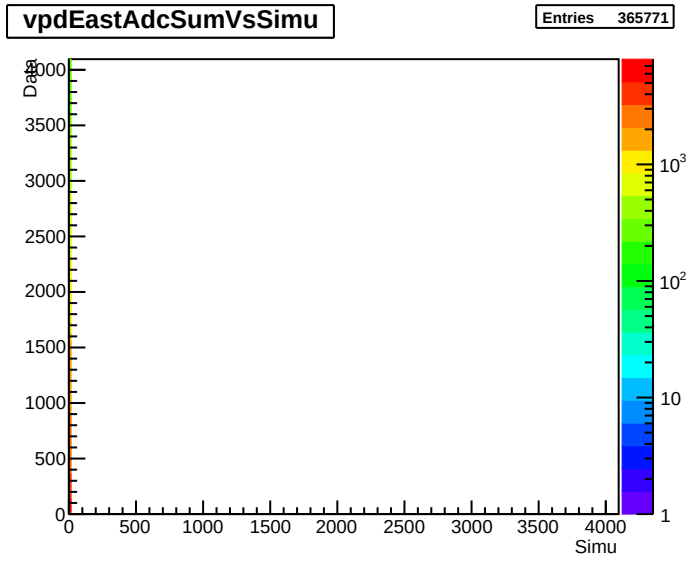

bbcSmallWestTacMax
Entries 366057

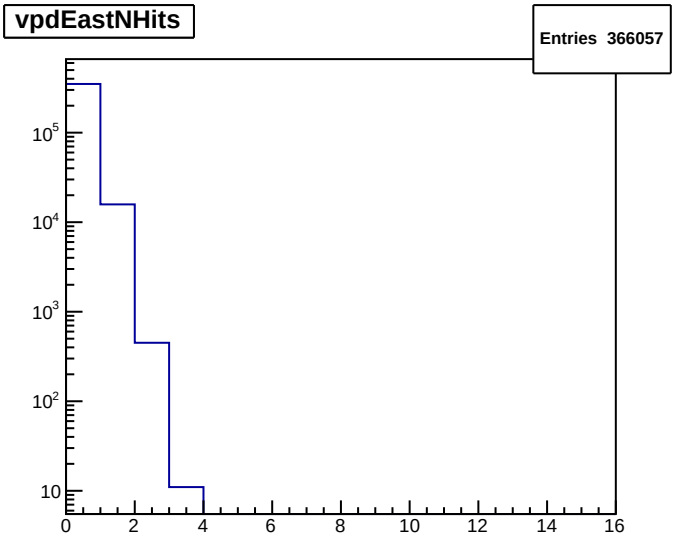

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

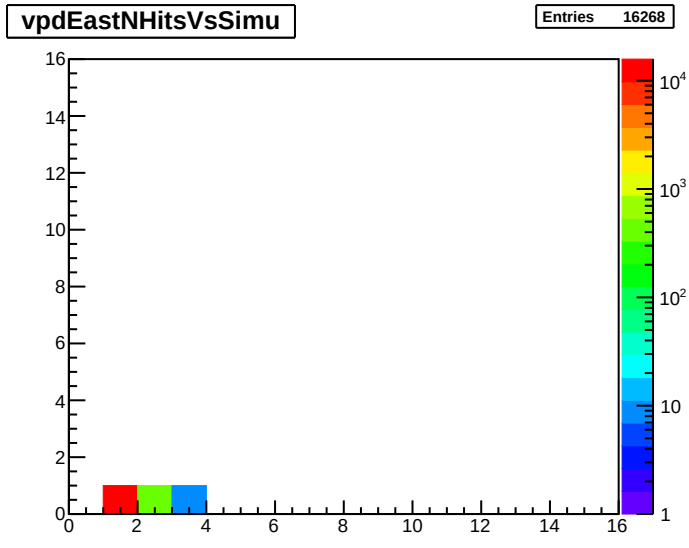

bbcLargeHit
Entries 732114
354238
339967
11819
26090
1
0
E-Hit
W-Hit
$10^5$

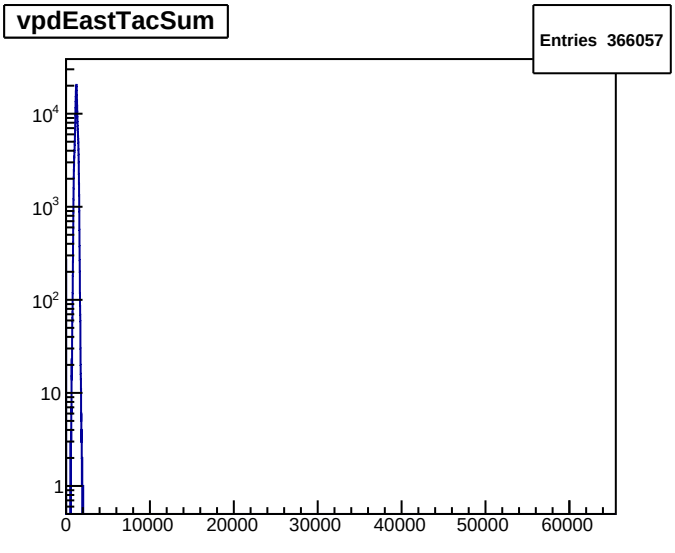

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

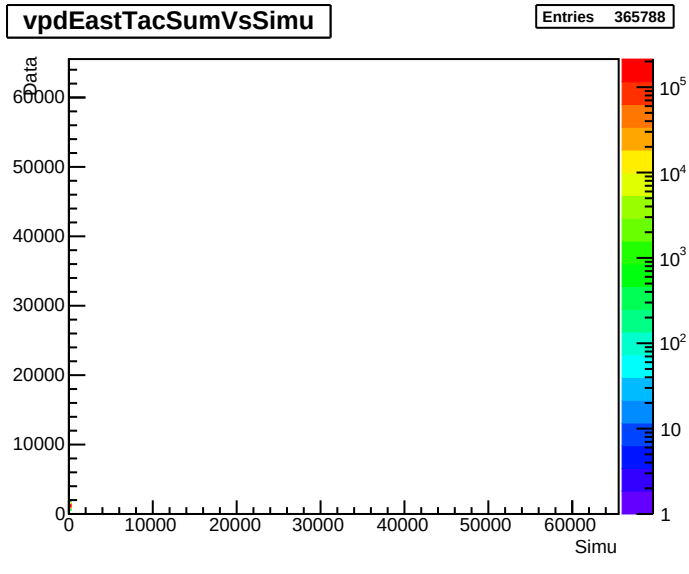

vpdEastAdcSum
Entries 366057

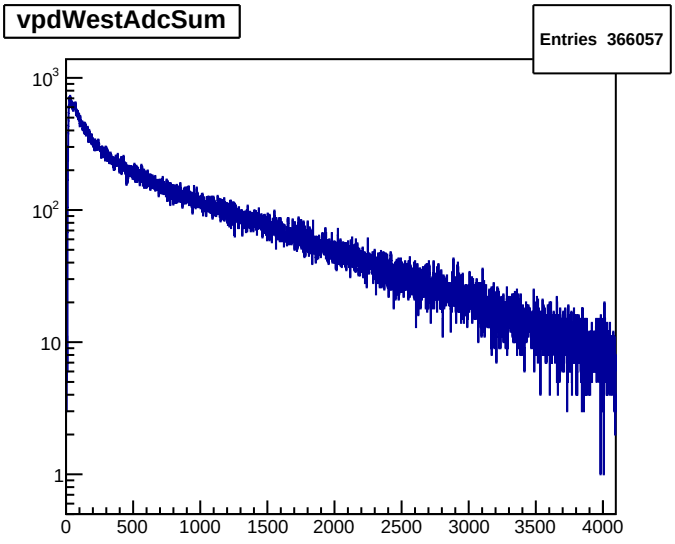

vpdEastAdcSumVsSimu
Entries 365771
Data
Simu

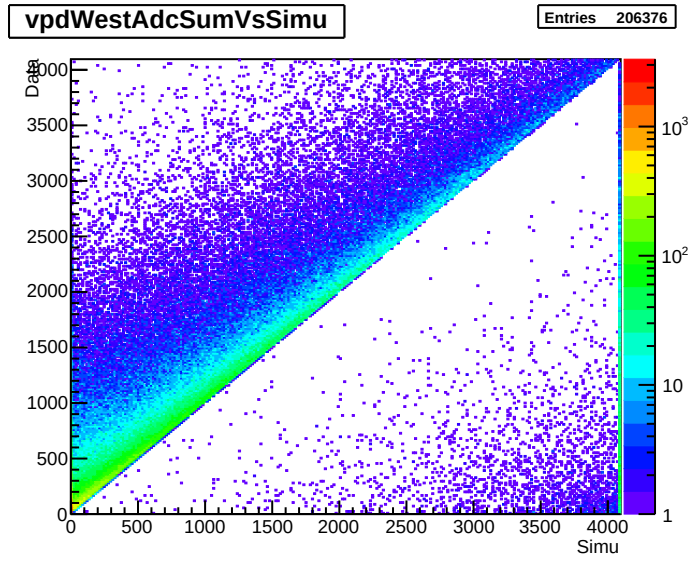

vpdEastNHits
Entries 366057

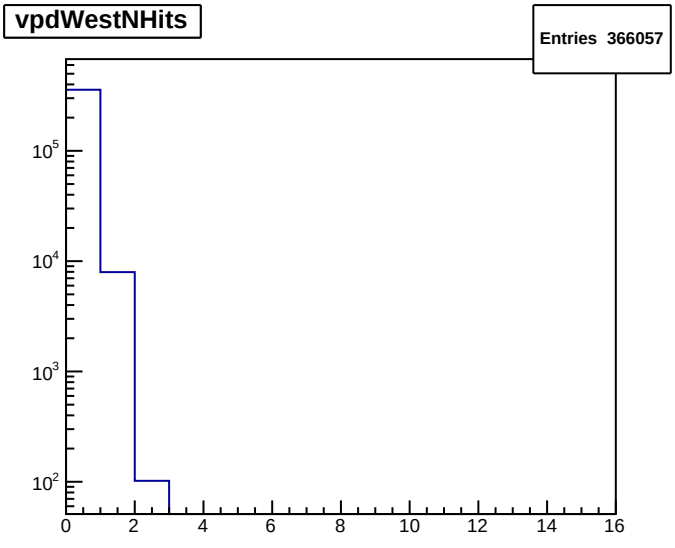

vpdEastNHitsVsSimu
Entries 16268

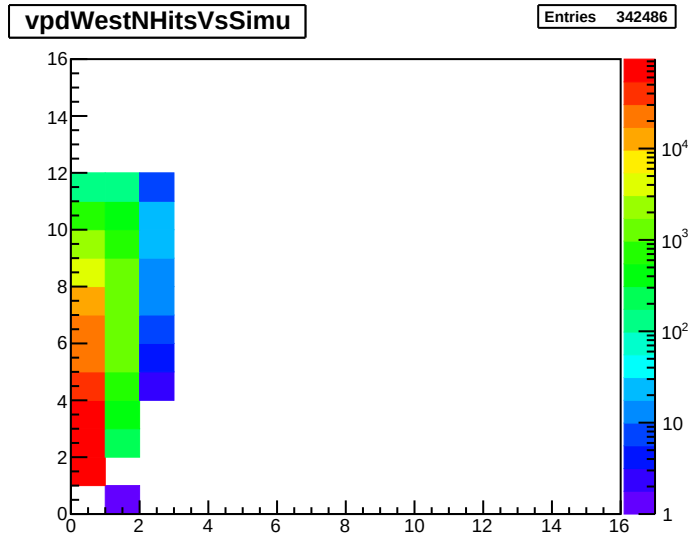

vpdEastTacSum
Entries 366057

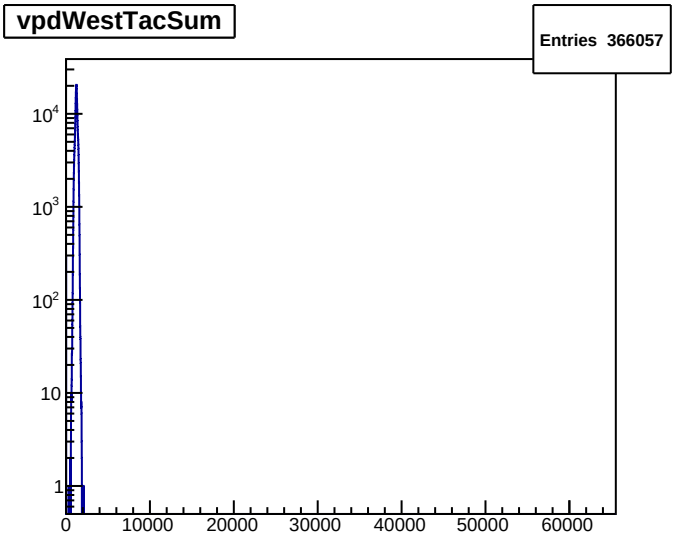

vpdEastTacSumVsSimu
Entries 365788
Data
Simu

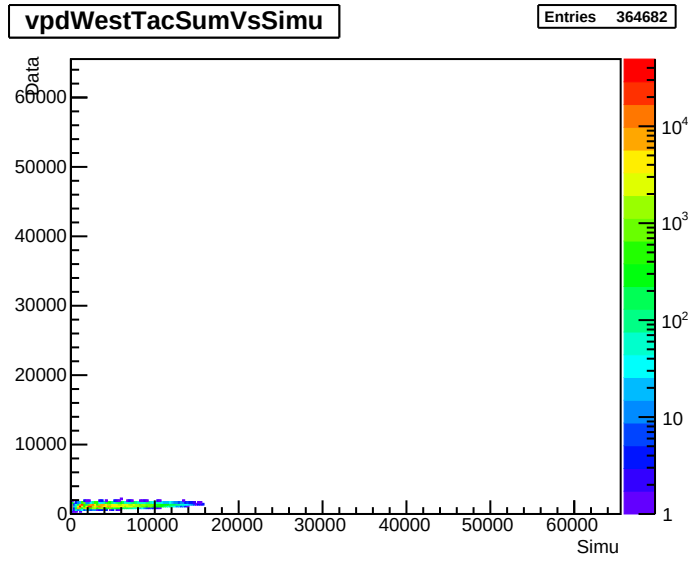

vpdWestAdcSum
Entries 366057

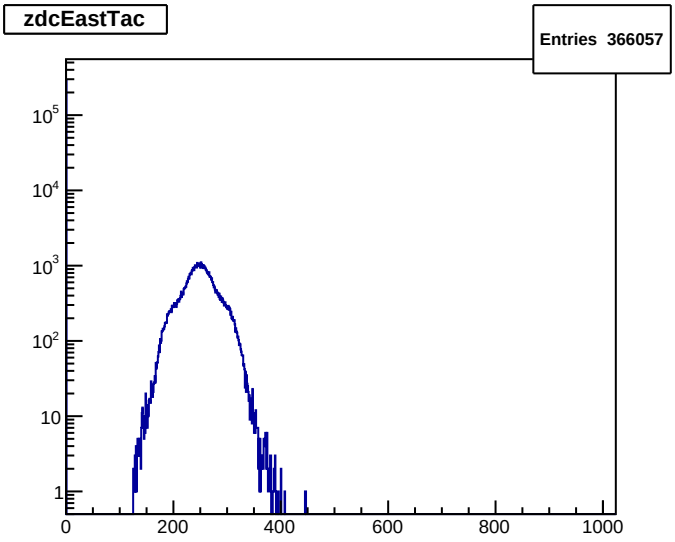

vpdWestAdcSumVsSimu
Entries 206376
Data
Simu

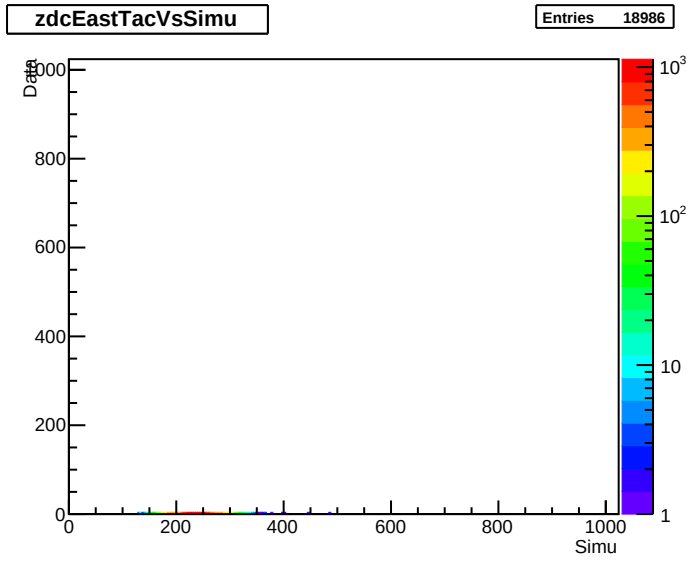

vpdWestNHits
Entries 366057

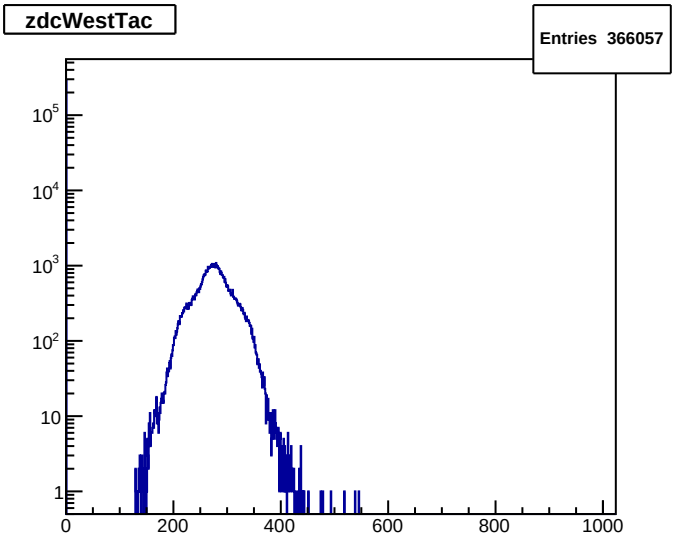

vpdWestNHitsVsSimu
Entries 342486

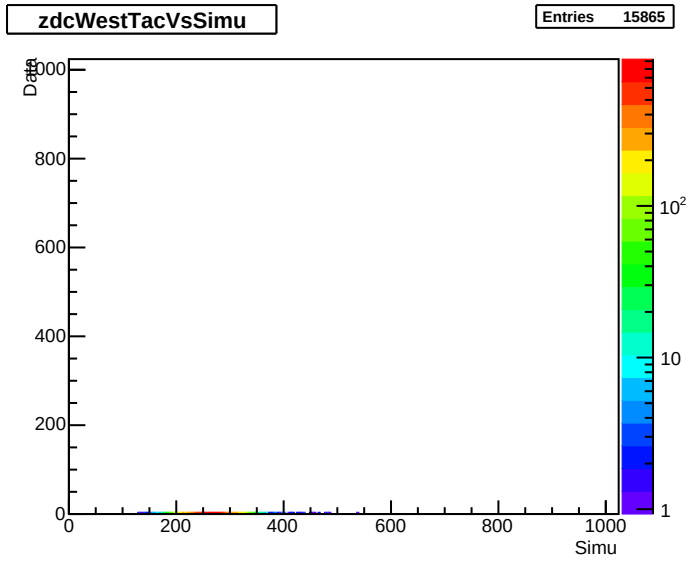

vpdWestTacSum
Entries 366057

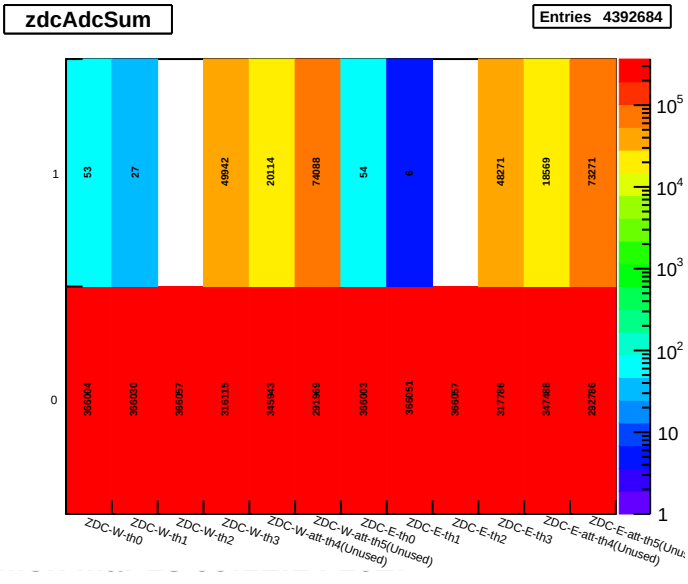

vpdWestTacSumVsSimu
Entries 364682
Data
Simu

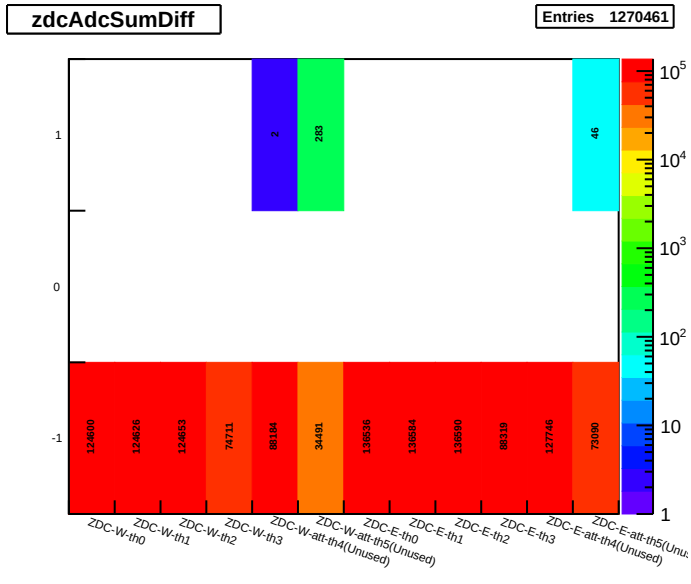

zdcEastTac
Entries 366057

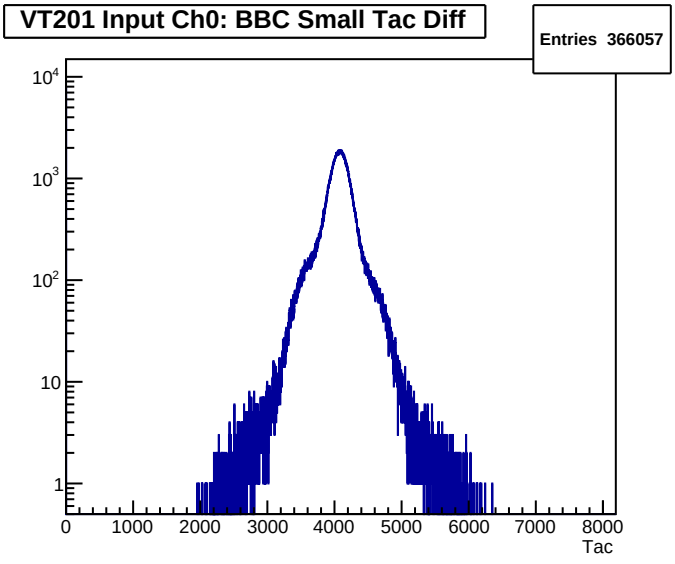

zdcEastTacVsSimu
Entries 18986
Data
Simu

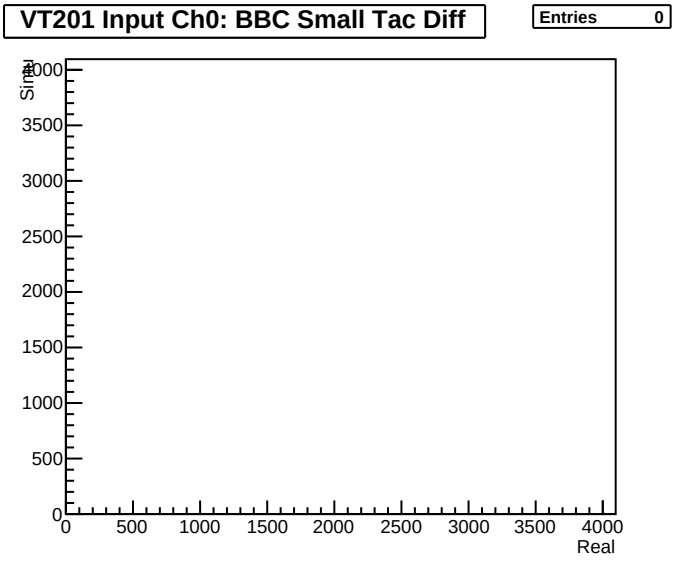

zdcWestTac
Entries 366057

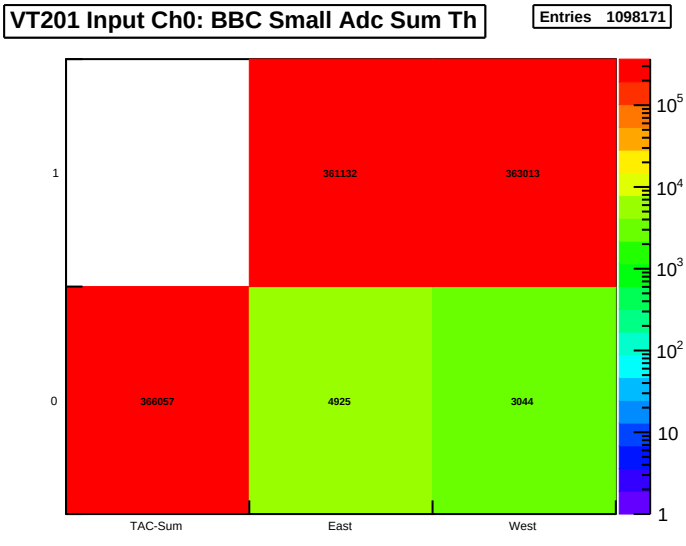

zdcWestTacVsSimu
Entries 15865
Data
Simu

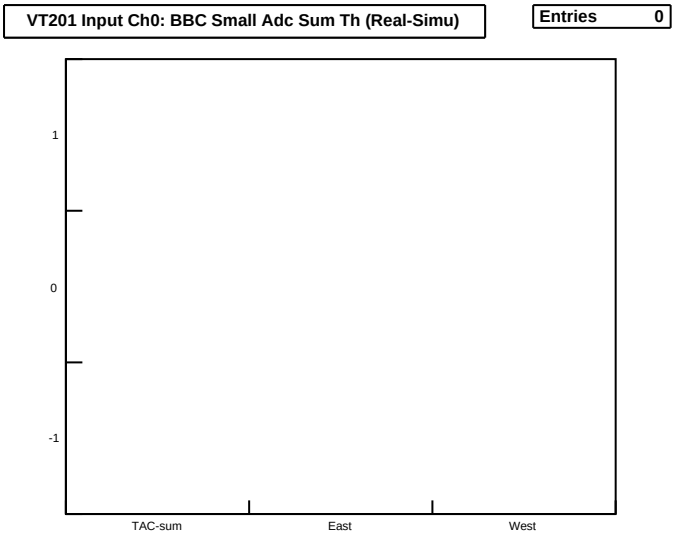

zdcAdcSum
Entries 4392684
53
27
49942
20114
74088
54
6
48271
18569
73271
366004
366030
366057
316115
345943
291969
366003
366051
366057
317786
347488
292786
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

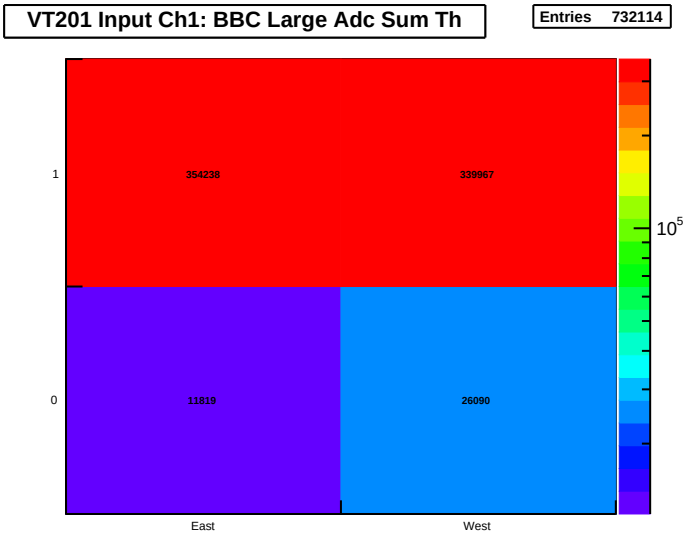

zdcAdcSumDiff
Entries 1270461
2
283
46
124600
124626
124653
74711
88184
34491
136536
136584
136590
88319
127746
73090
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

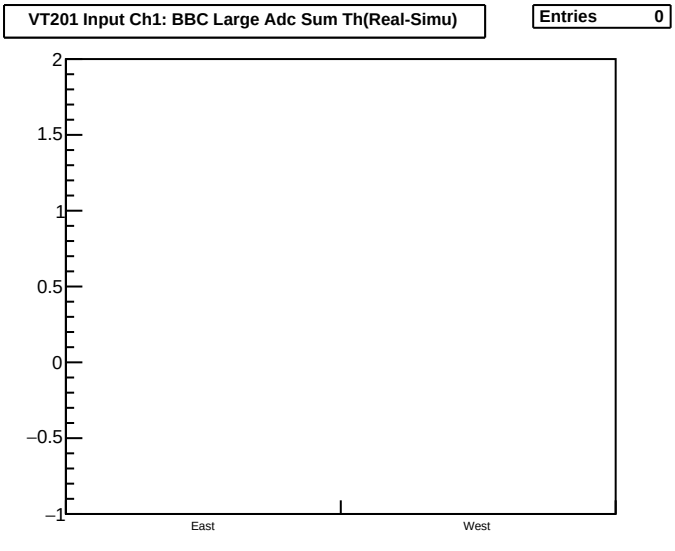

VT201 Input Ch0: BBC Small Tac Diff
Entries 366057
Tac


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

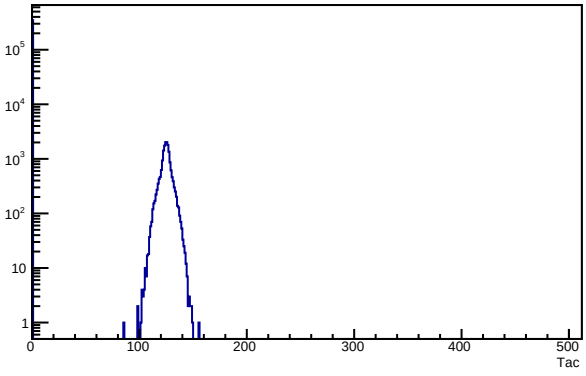

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1098171
361132
363013
366057
4925
3044
TAC-Sum
East
West


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

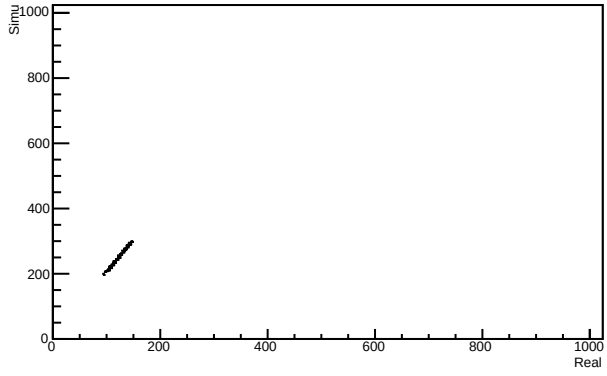

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 732114
354238
339967
11819
26090
East
West


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

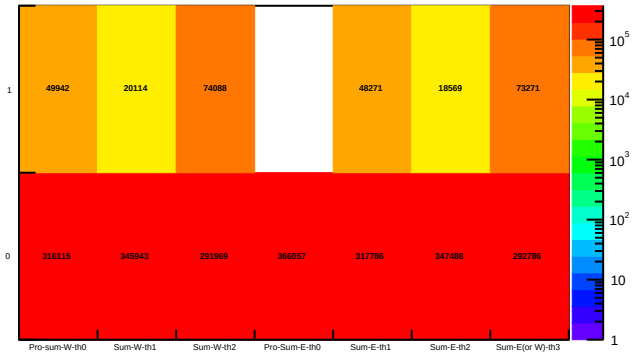
**VT201 Input Ch2: ZDC Tac Diff**



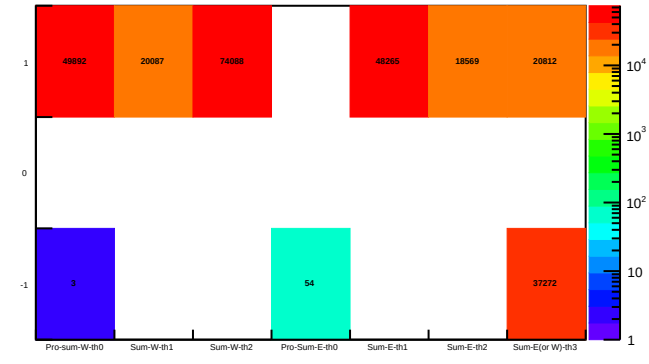

**VT201 Input Ch2: ZDC Tac Diff**



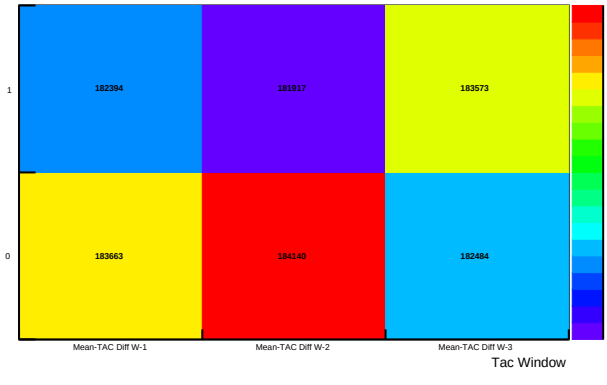

**VT201 Input Ch2: ZDC Adc Sum Th**



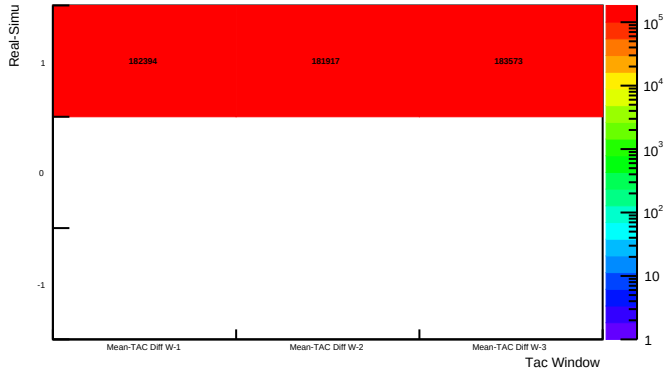

**VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)**



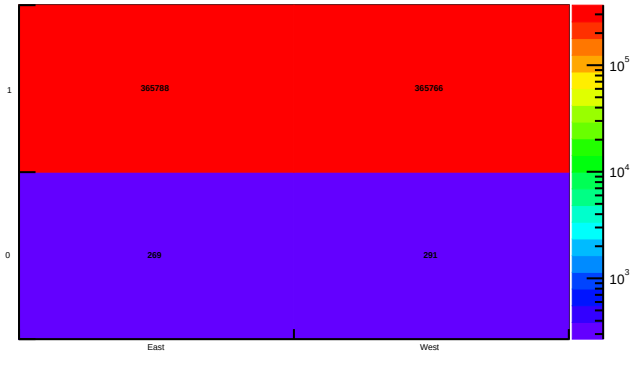

**VT201 Input Ch4: VPD Tac Diff**



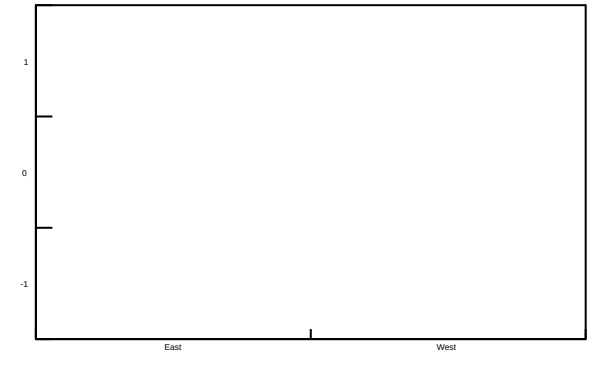

**VT201 Input Ch4: VPD Tac Diff**

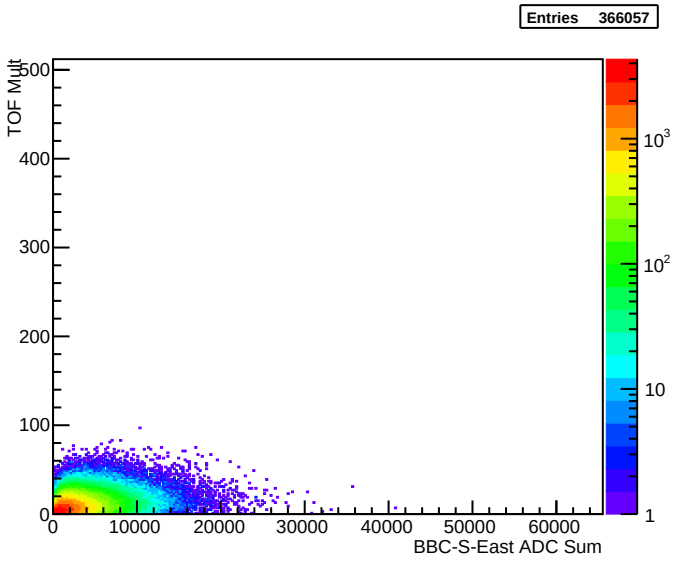


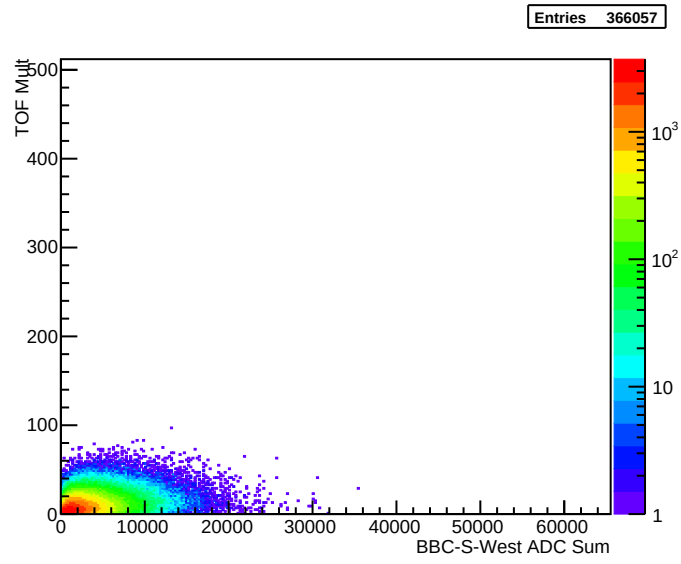

**VT201 Input Ch4: VPD Adc Sum Th**

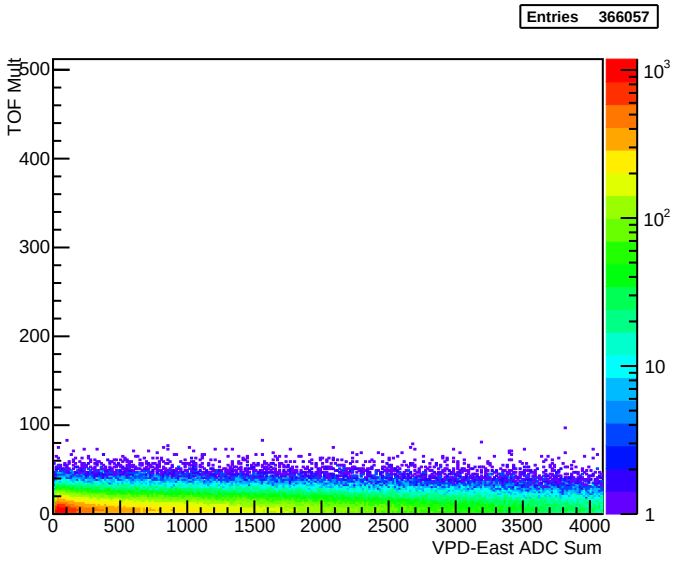


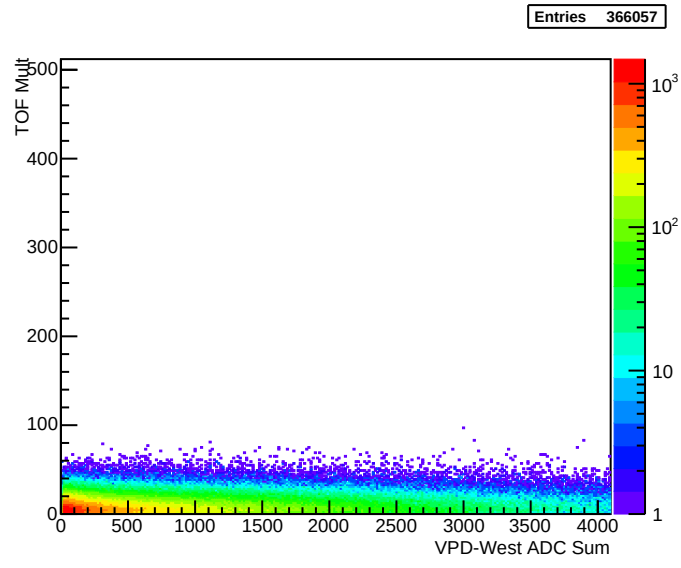

**VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)**

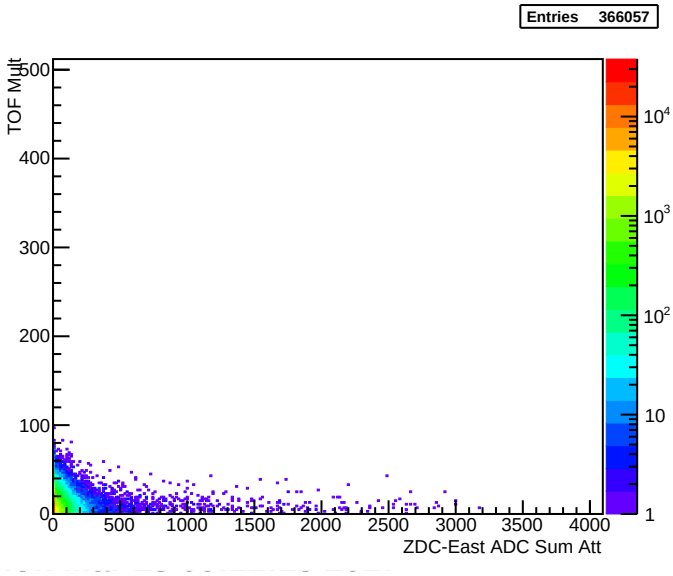


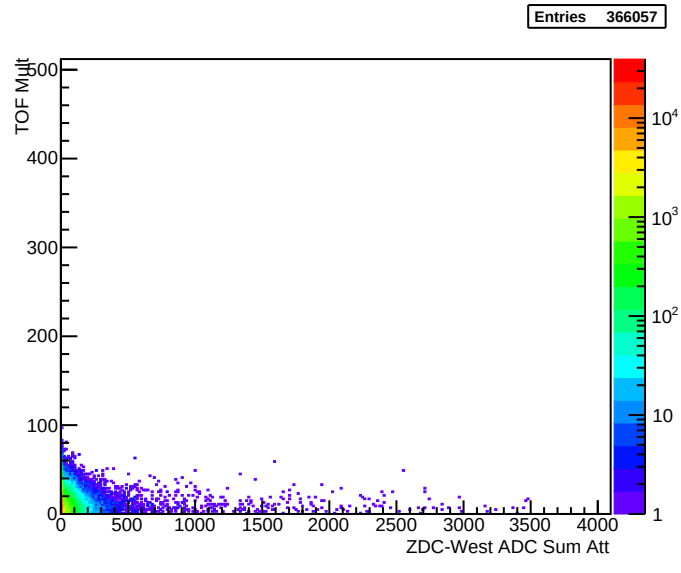

Entries 366057
TOF Mult
BBC-S-East ADC Sum

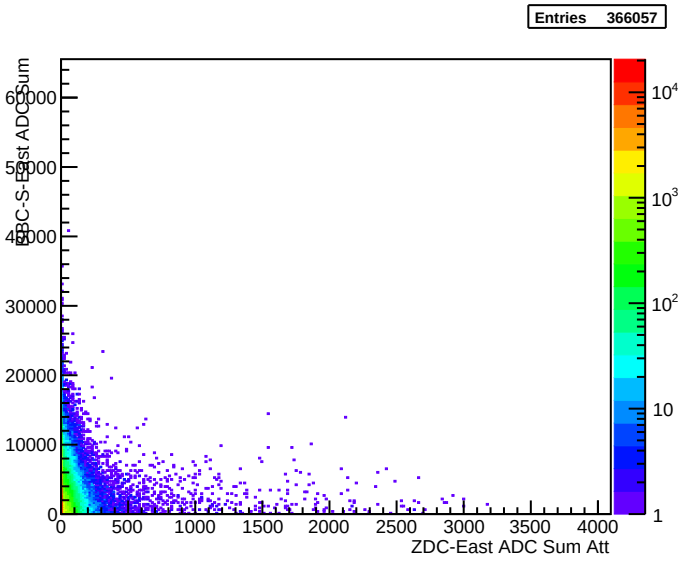

Entries 366057
TOF Mult
BBC-S-West ADC Sum

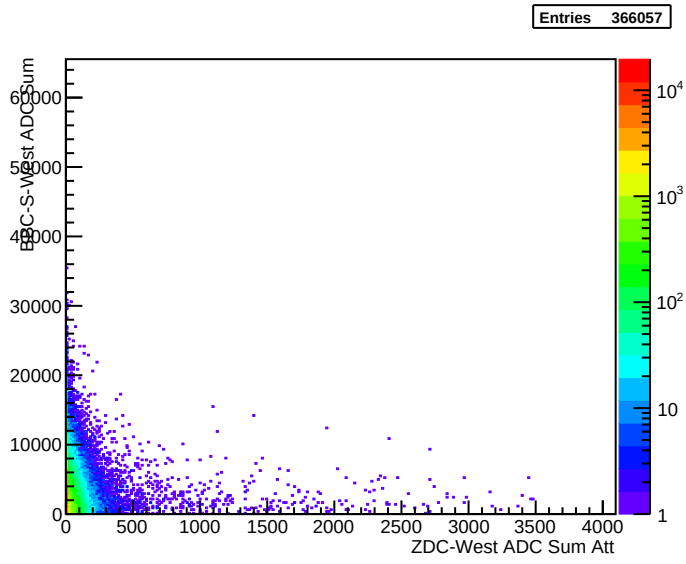

Entries 366057
TOF Mult
VPD-East ADC Sum

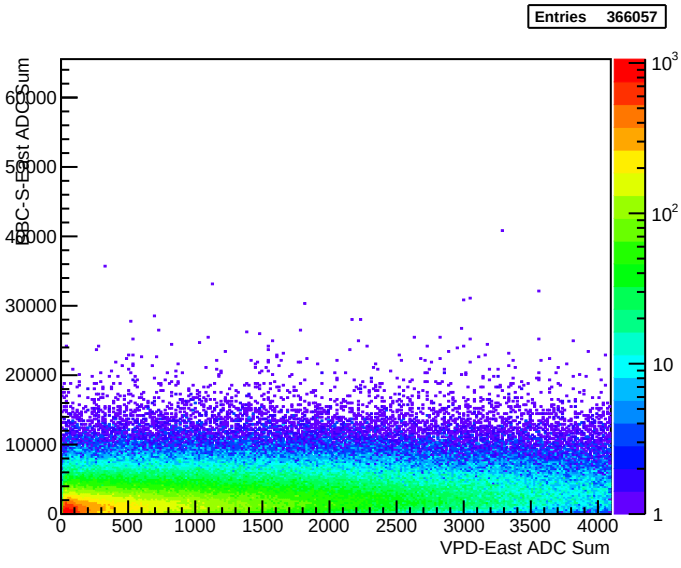

Entries 366057
TOF Mult
VPD-West ADC Sum

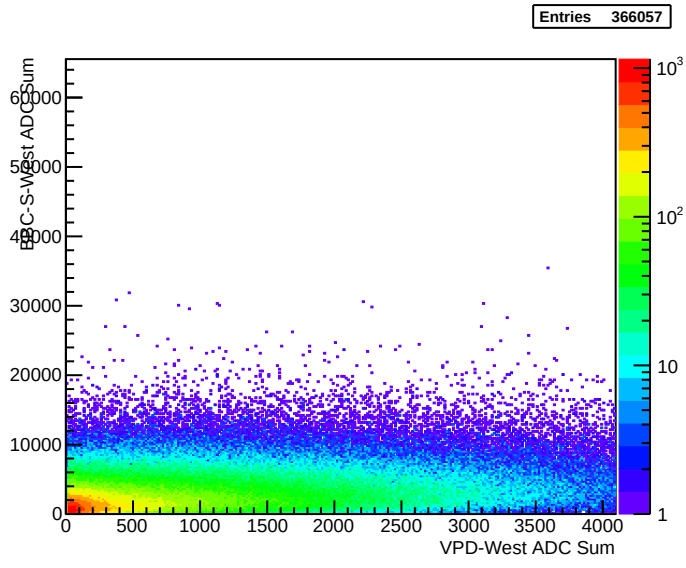

Entries 366057
TOF Mult
ZDC-East ADC Sum Att

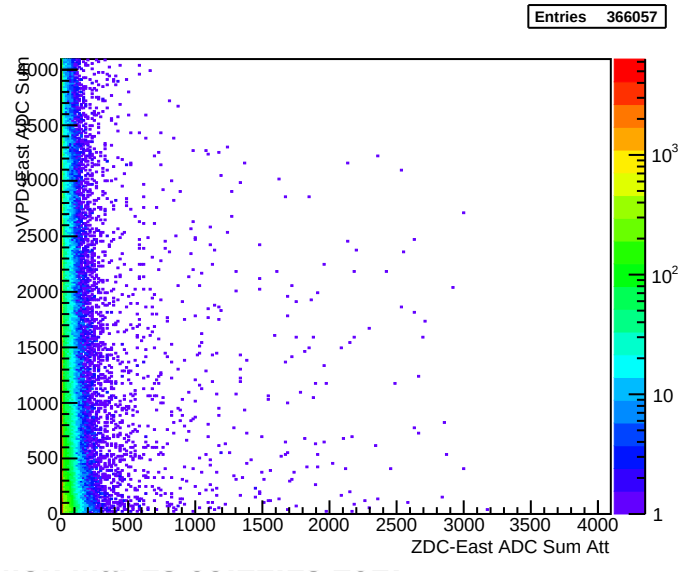

Entries 366057
TOF Mult
ZDC-West ADC Sum Att

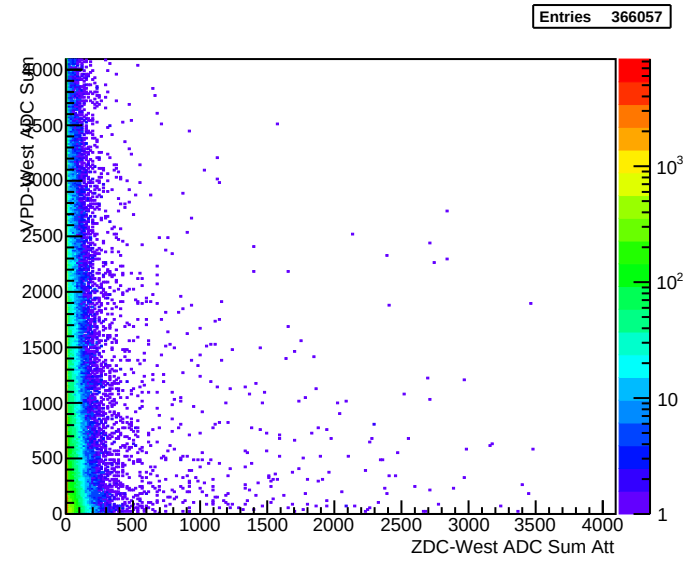

Entries 366057
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

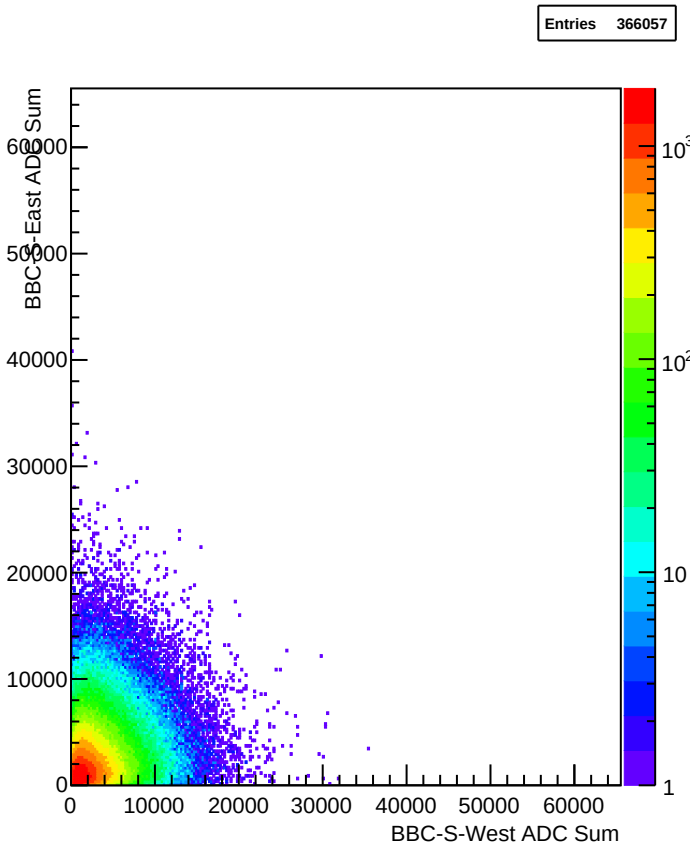

Entries 366057
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

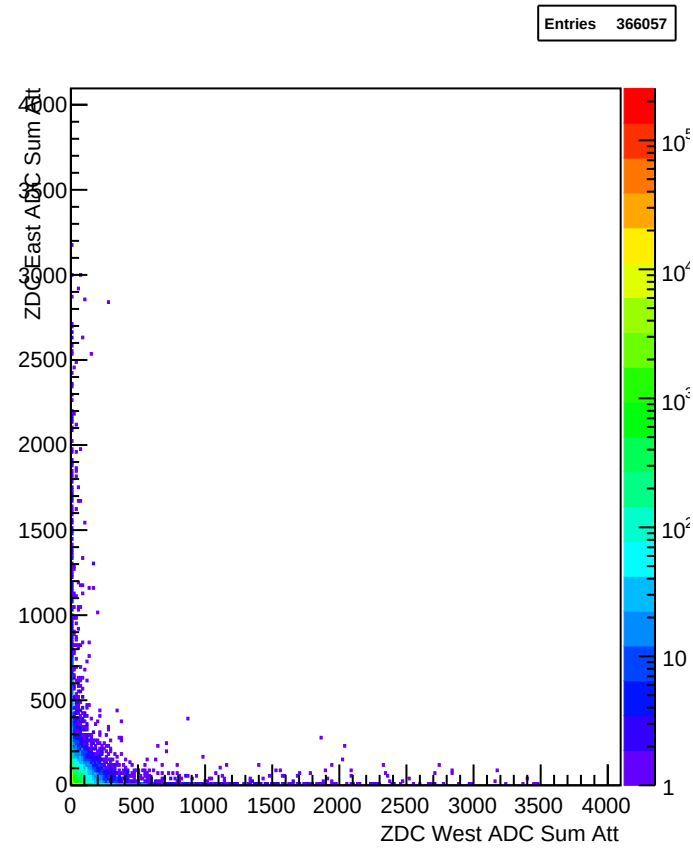

Entries 366057
BBC-S-East ADC Sum
VPD-East ADC Sum

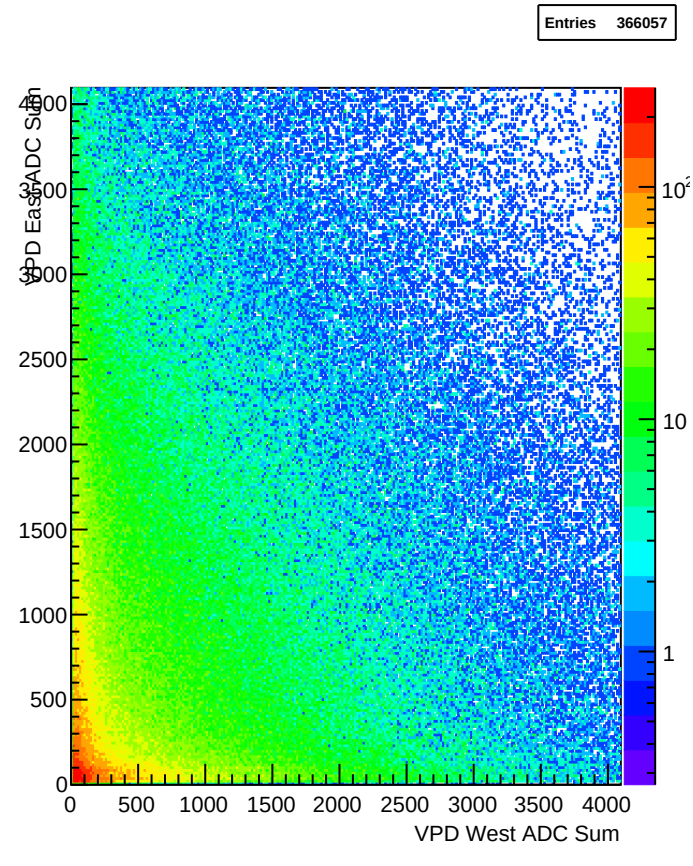

Entries 366057
BBC-S-West ADC Sum
VPD-West ADC Sum

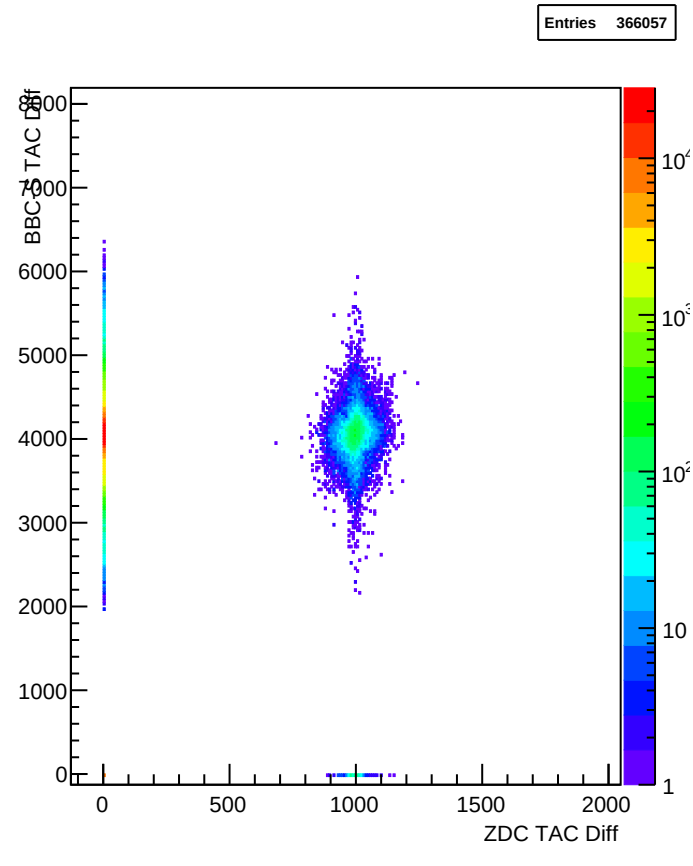

Entries 366057
VPD-East ADC Sum
ZDC-East ADC Sum Att

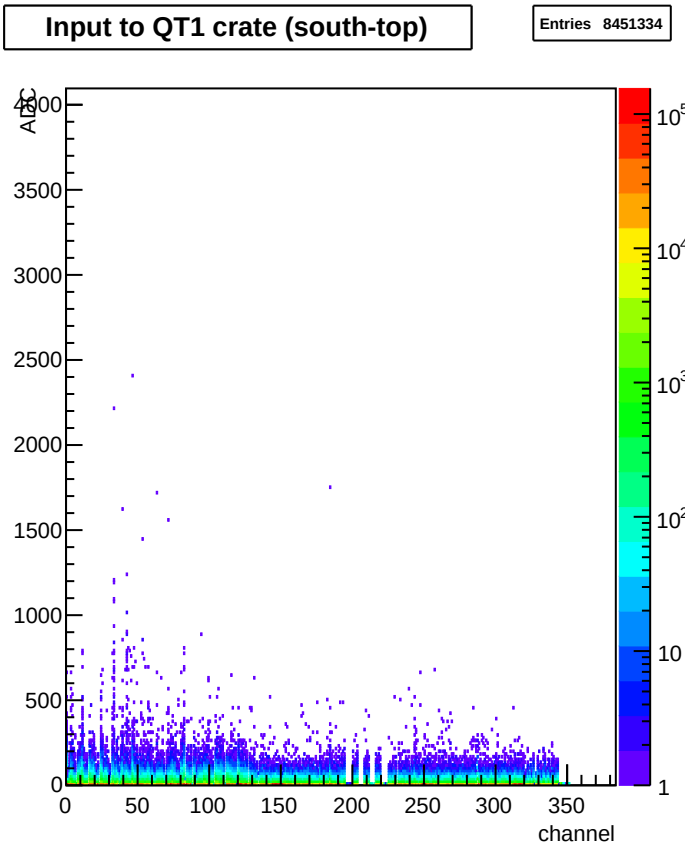

Entries 366057
VPD-West ADC Sum
ZDC-West ADC Sum Att

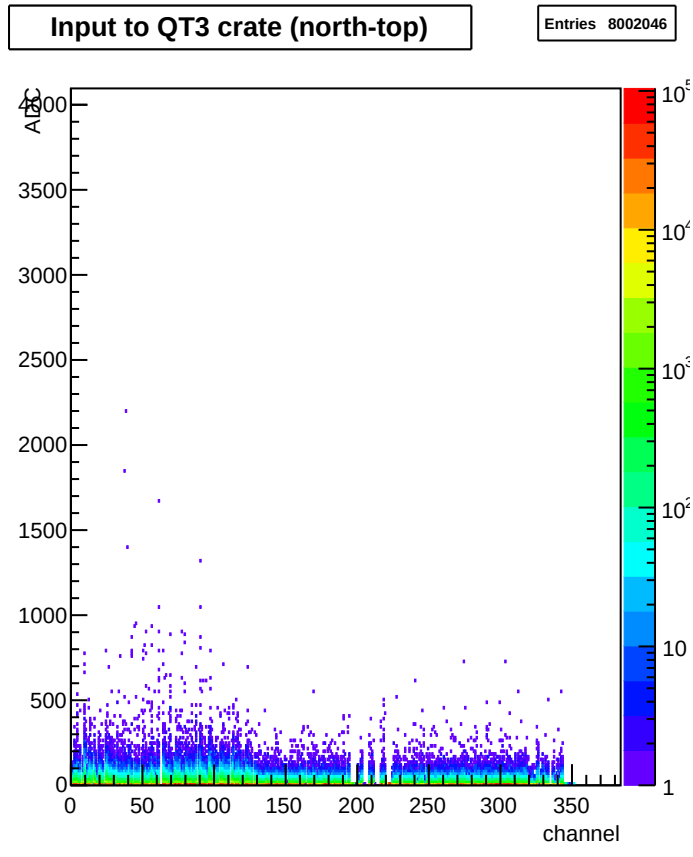

Entries 366057
BBC-S-East ADC Sum
BBC-S-West ADC Sum

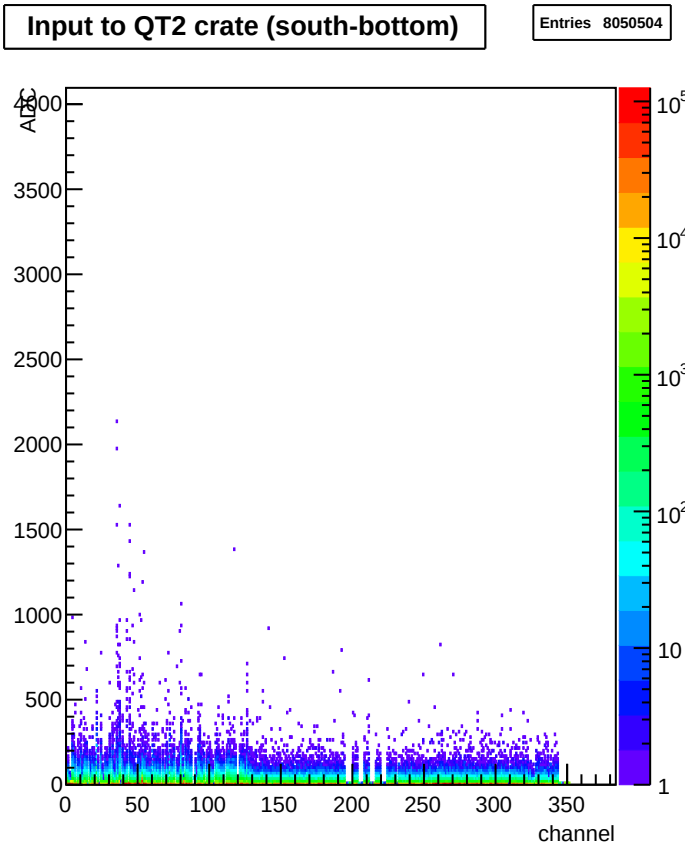

Entries 366057
ZDC East ADC Sum Att
ZDC West ADC Sum Att

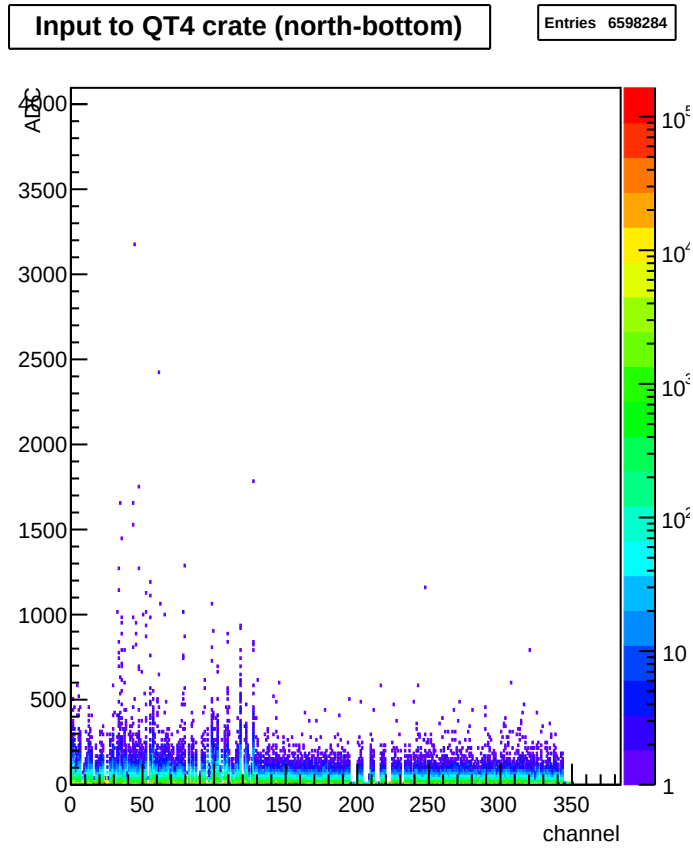

Entries 366057
VPD East ADC Sum
VPD West ADC Sum

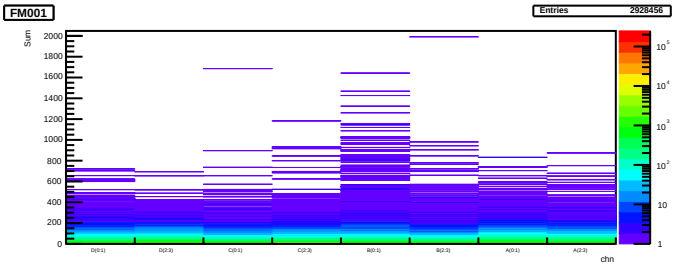

Entries 366057
BBC-S TAC Diff
ZDC TAC Diff

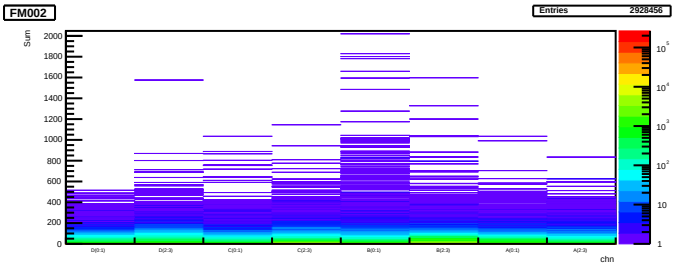

Input to QT1 crate (south-top)
Entries 8451334
ADC
channel

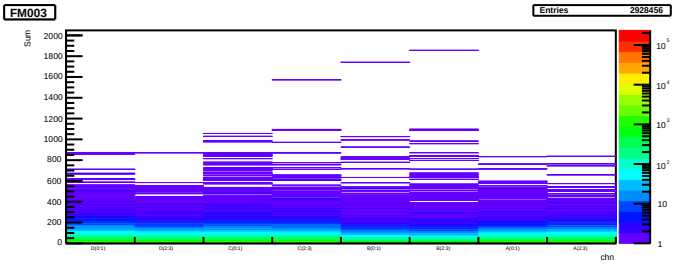

Input to QT3 crate (north-top)
Entries 8002046
ADC
channel

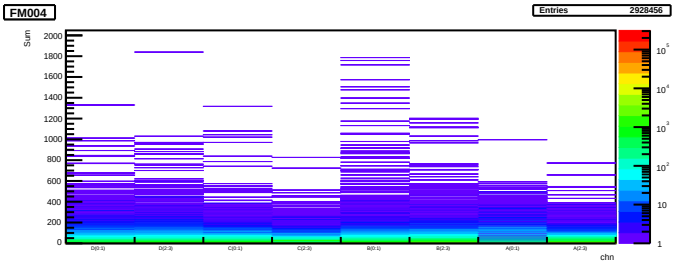

Input to QT2 crate (south-bottom)
Entries 8050504
ADC
channel

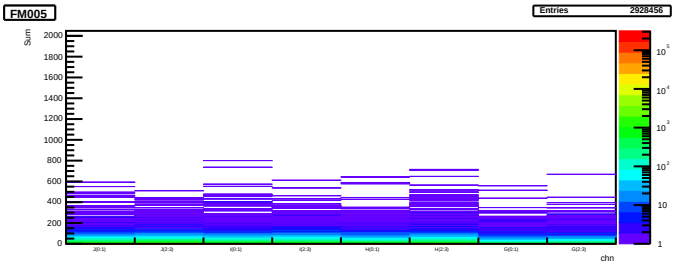

Input to QT4 crate (north-bottom)
Entries 6598284
ADC
channel

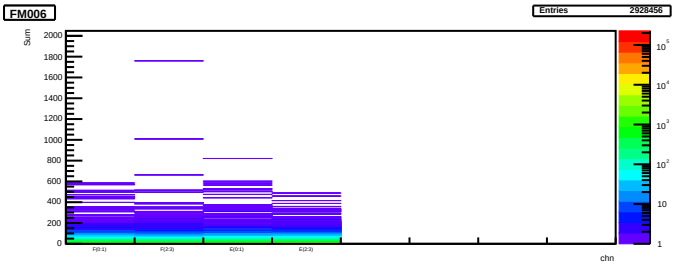

FM001
Entries 2928456
Sum
chn

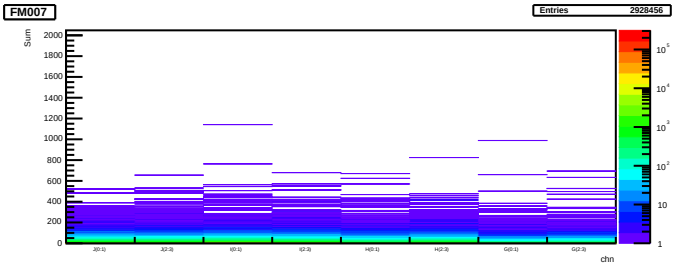

FM002
Entries 2928456
Sum
chn

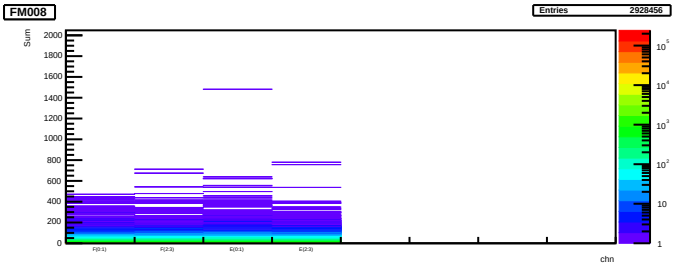

FM003
Entries 2928456
Sum
chn

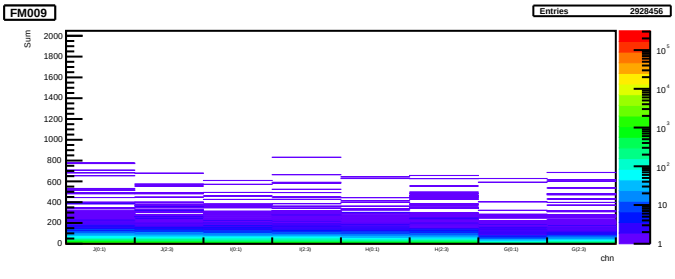

FM004
Entries 2928456
Sum
chn

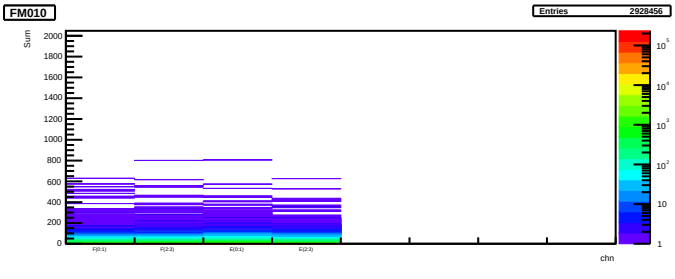

FM005
Entries 2928456
Sum
chn

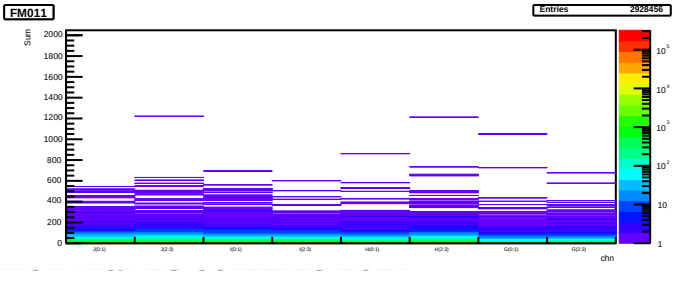

FM006
Entries 2928456
Sum
chn

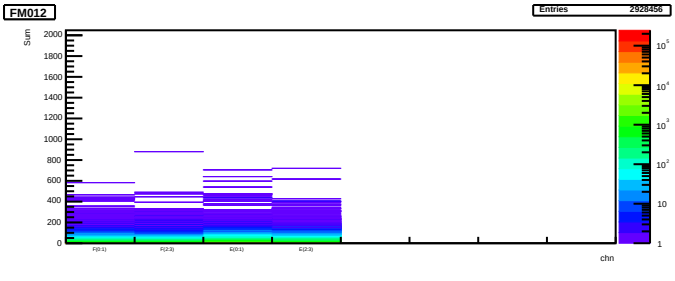

FM007
Entries 2928456
Sum
chn

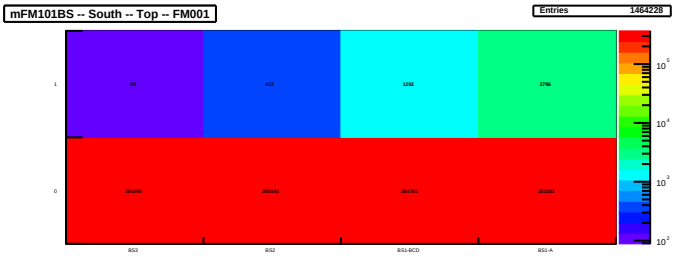

FM008
Entries 2928456
Sum
chn

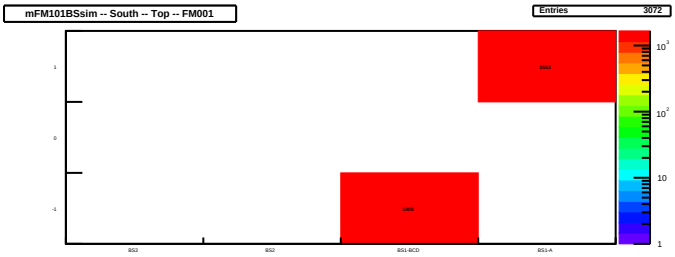

FM009
Entries 2928456
Sum
chn


FM010
Entries 2928456
Sum
chn


FM011
Entries 2928456
Sum
chn


FM012
Entries 2928456
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 1464228
BS3
BS2
BS1-BCD
BS1-A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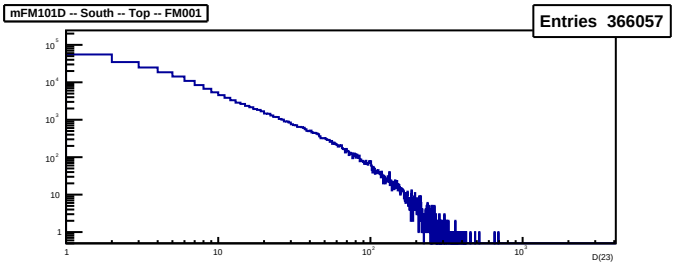
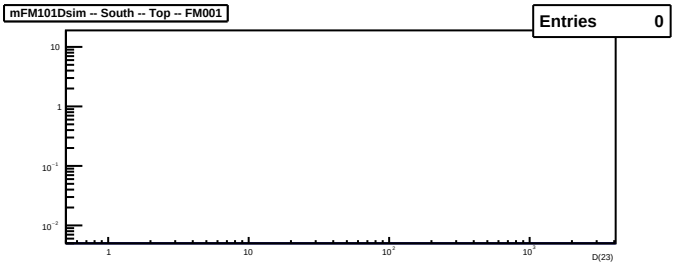
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Top -- FM001
Entries 366057
D(23)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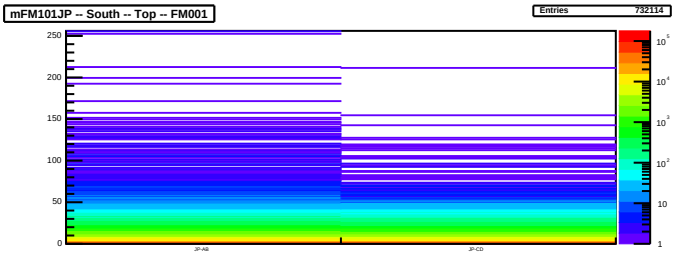
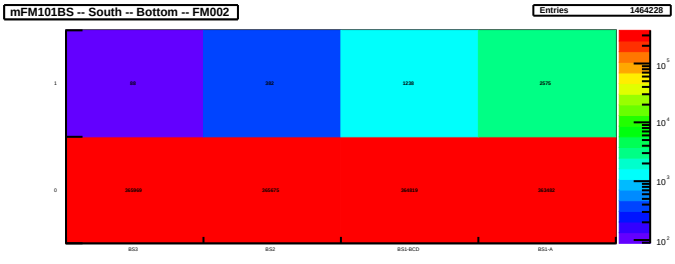
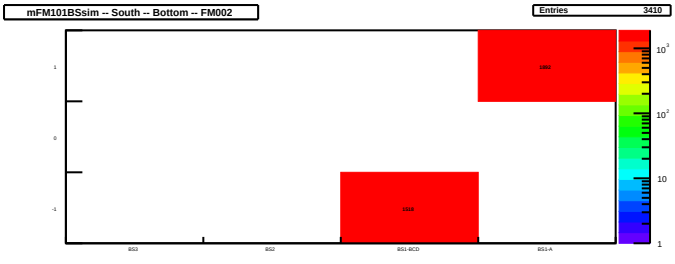
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 732114
JP-AB
JP-CD

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


mFM101BS -- South -- Bottom -- FM002
Entries 1464228
BS3
BS2
BS1-BCD
BS1-A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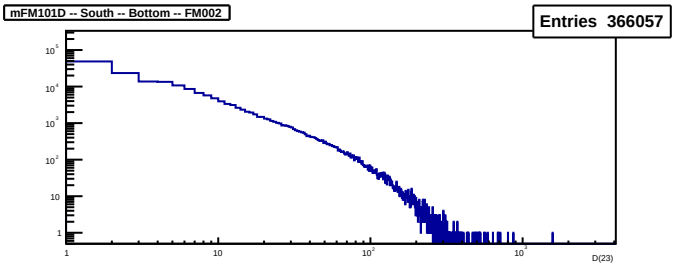
Entries 3410
BS3
BS2
BS1-BCD
BS1-A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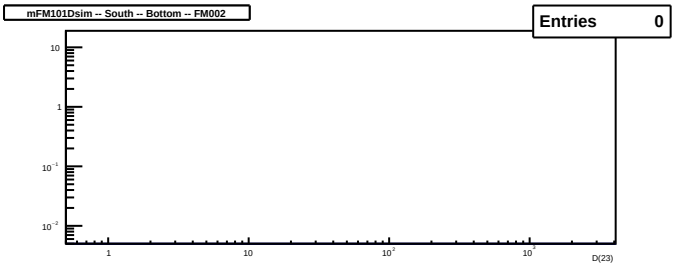
Entries 366057
D(23)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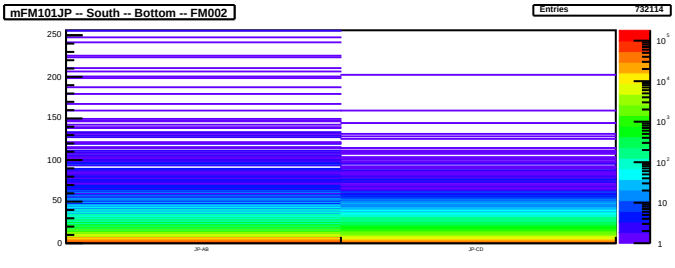
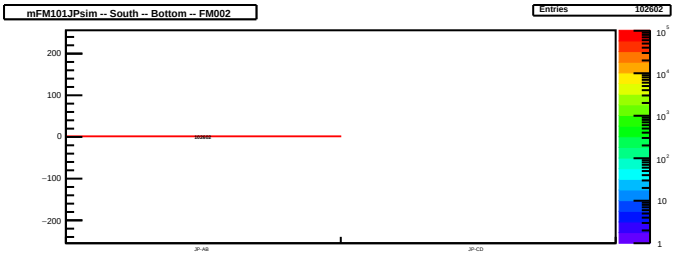
Entries 0
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 732114
JP-AB
JP-CD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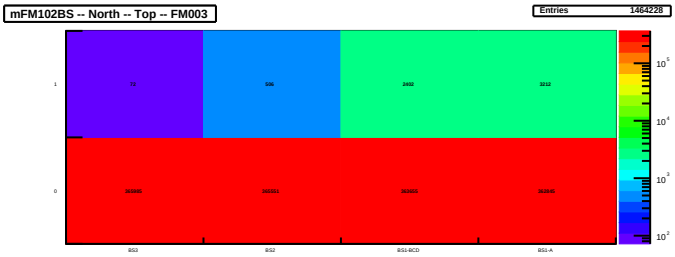
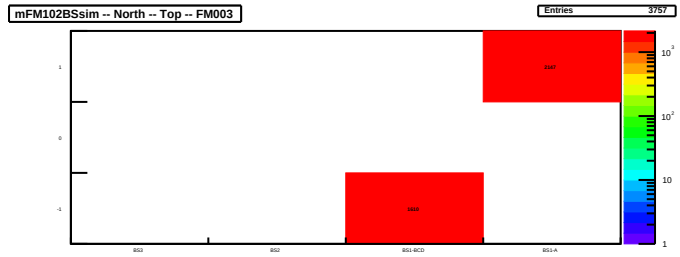
Entries 102602
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1464228
BS3
BS2
BS1-BCD
BS1-A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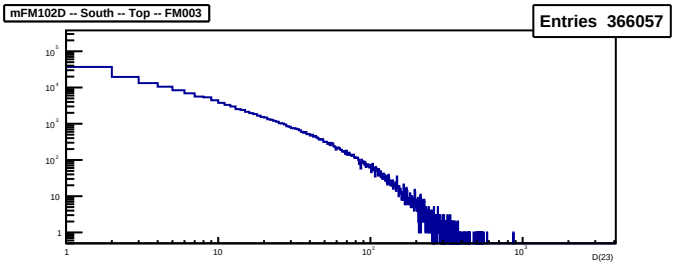
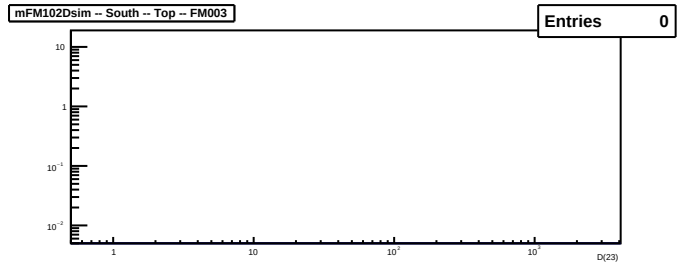
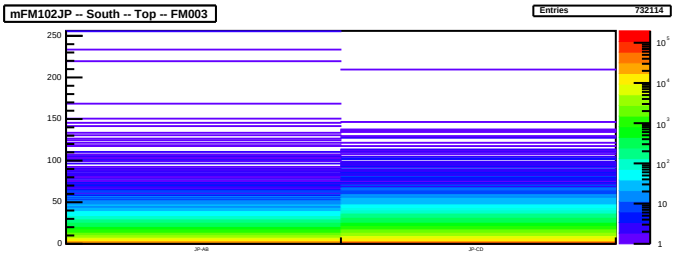
Entries 3757
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 366057
D(23)


mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)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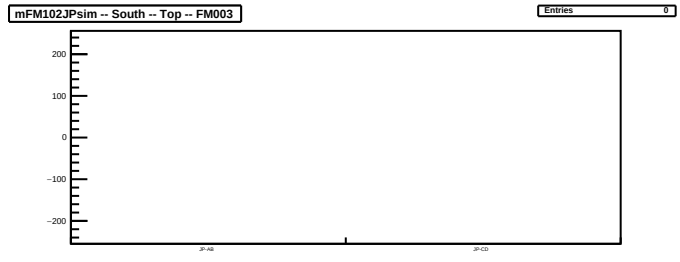
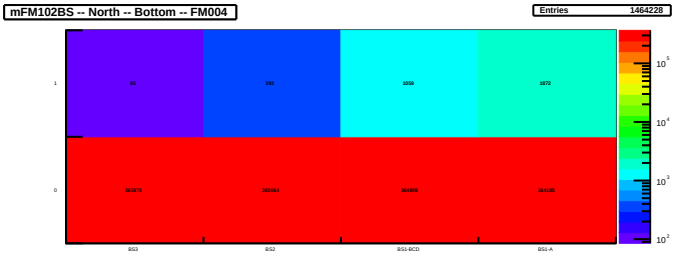
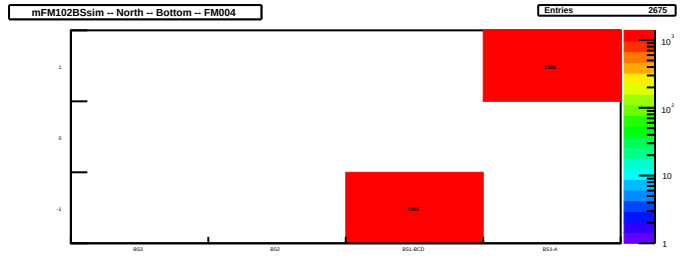
Entries 732114
JP-AB
JP-CD


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


mFM102BS -- North -- Bottom -- FM004
Entries 1464228
BS3
BS2
BS1-BCD
BS1-A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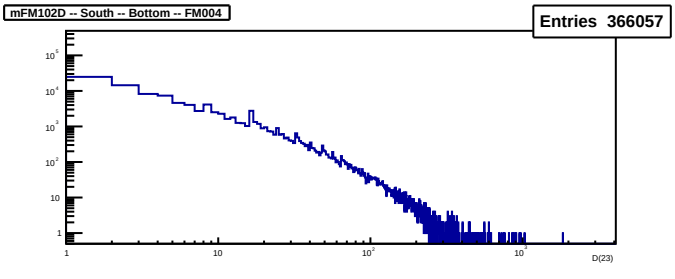
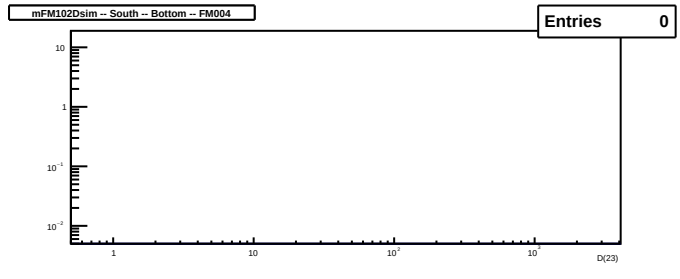
Entries 2675
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 366057
D(23)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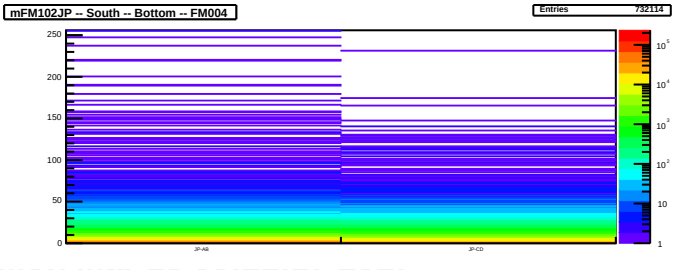
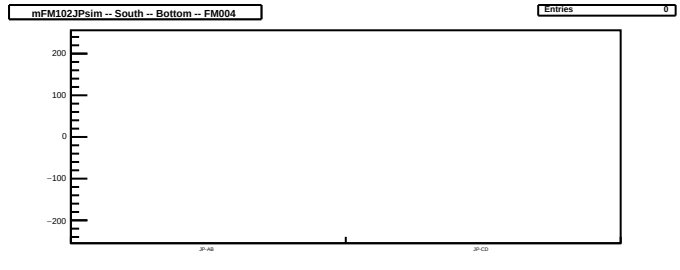
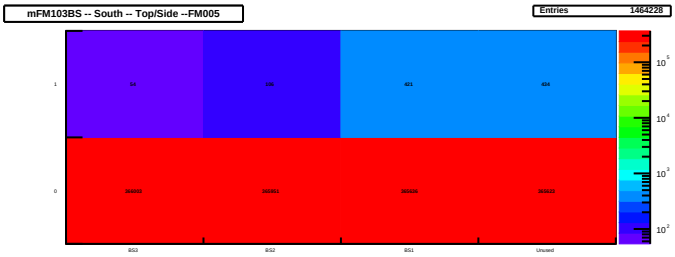
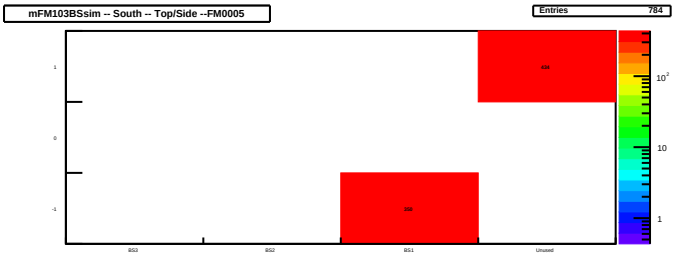
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 732114
JP-AB
JP-CD


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


mFM103BS -- South -- Top/Side --FM005
Entries 1464228
54
106
401
404
364003
365991
365624
365623
BS3
BS2
BS1
Unused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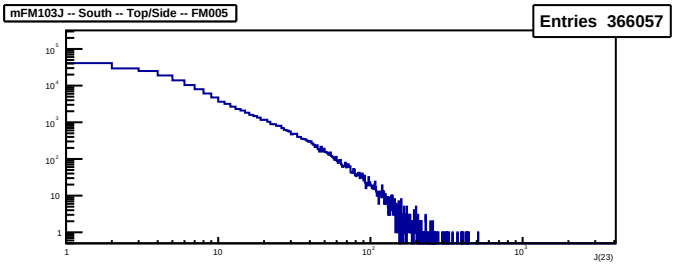
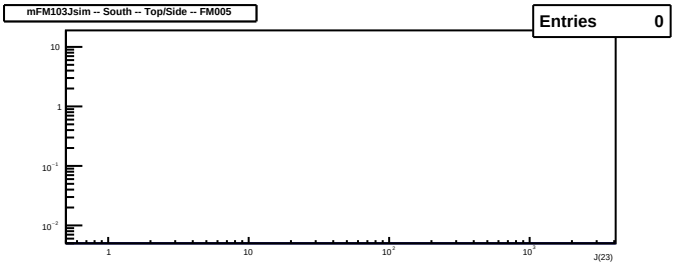
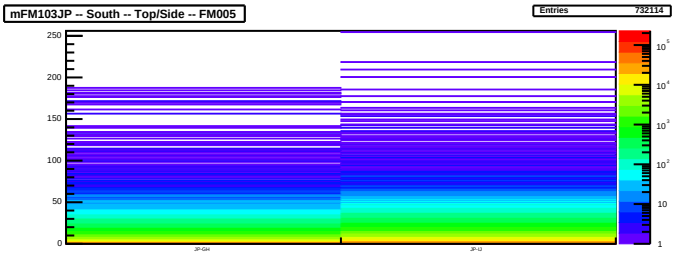
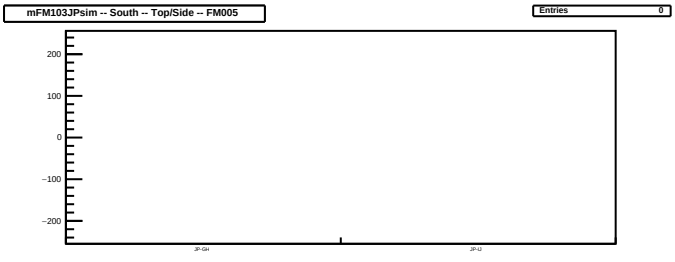
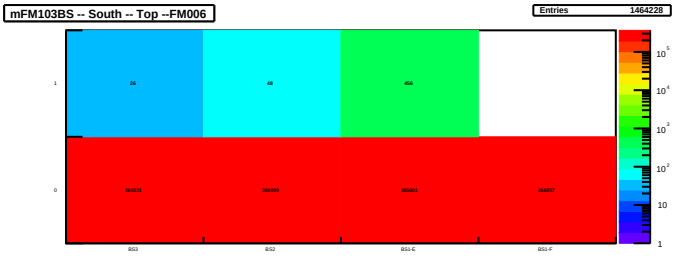
Entries 784
404
359
BS3
BS2
BS1
Unused

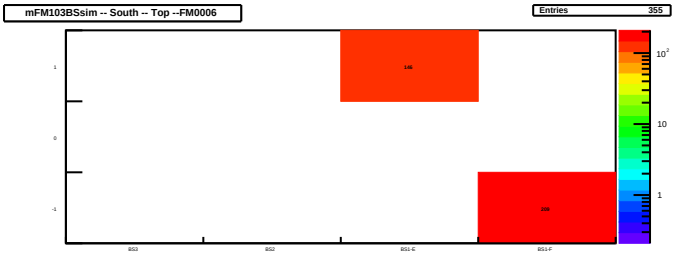

mFM103J -- South -- Top/Side -- FM005
Entries 366057
J(23)

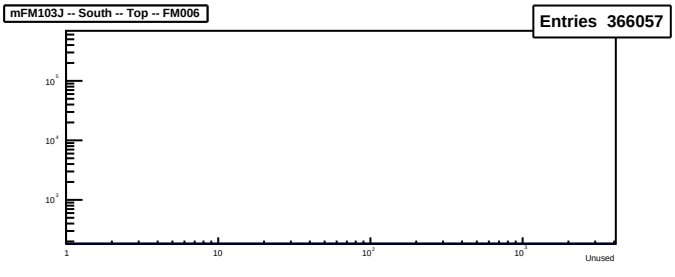

mFM103Jsim -- South -- Top/Side -- FM005
Entries 0
J(23)

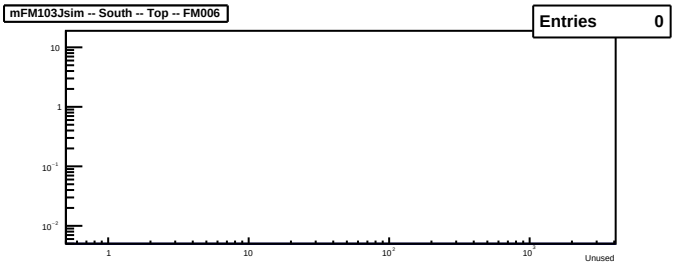

mFM103JP -- South -- Top/Side -- FM005
Entries 732114
JP-GH
JP-U


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


mFM103BS -- South -- Top --FM006
Entries 1464228
26
48
456
366031
366009
365901
366057
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 355
146
209
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 366057
Unused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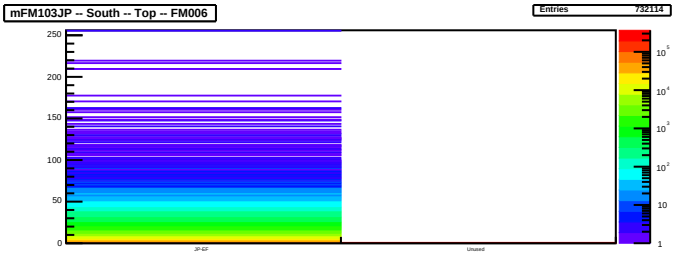
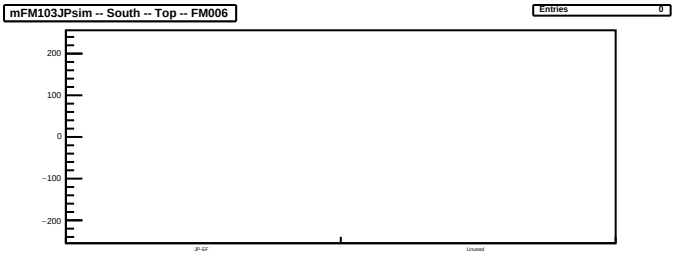
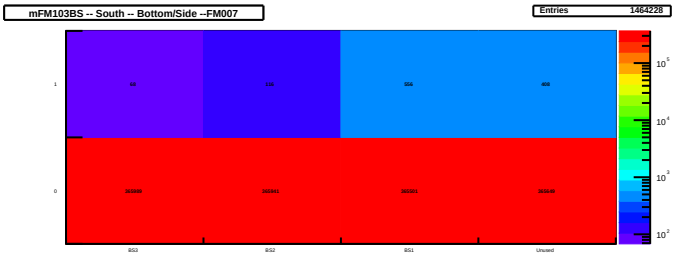
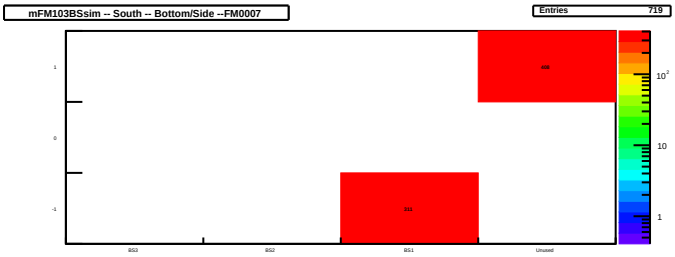
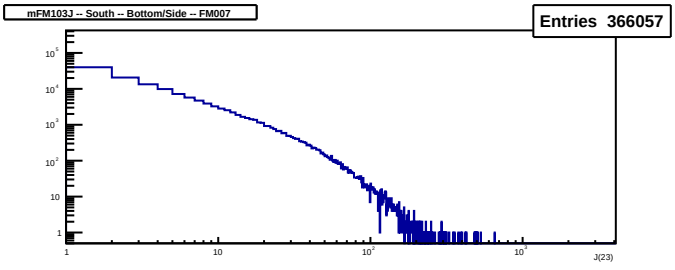
Entries 0
Unused

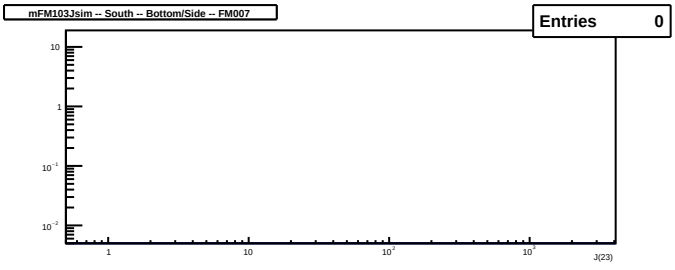

mFM103JP -- South -- Top -- FM006
Entries 732114
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 1464228


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 719


mFM103J -- South -- Bottom/Side -- FM007
Entries 366057
J(23)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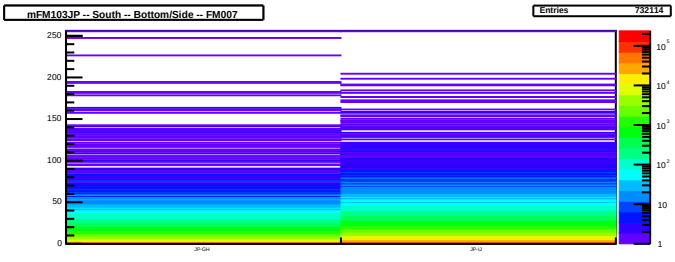
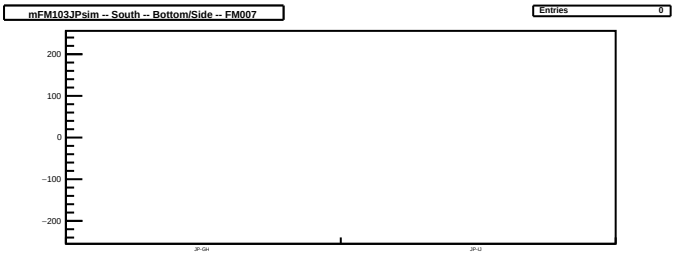
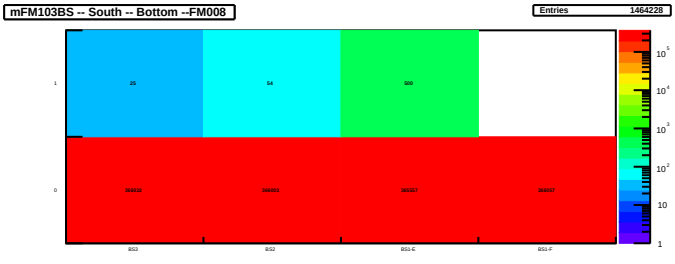
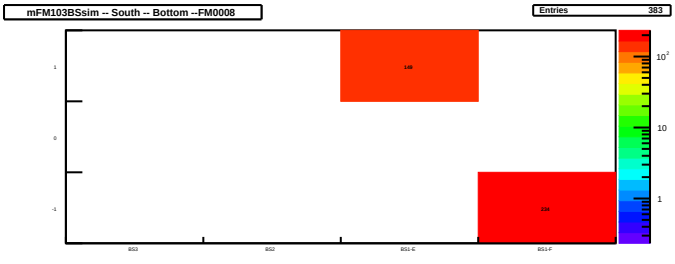
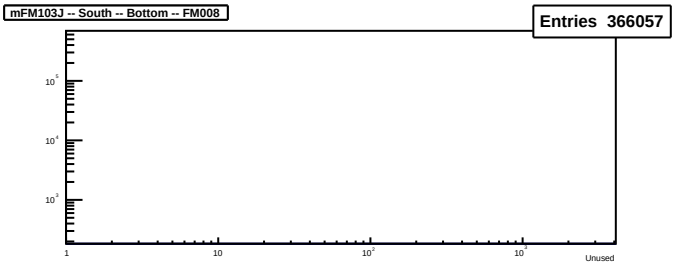
Entries 0
J(23)

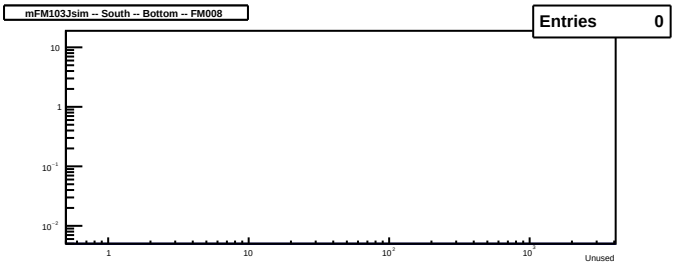

mFM103JP -- South -- Bottom/Side -- FM007
Entries 732114

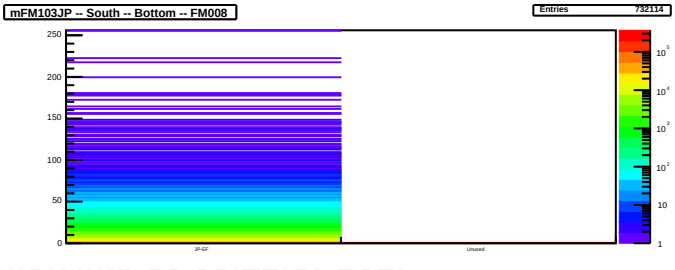

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0

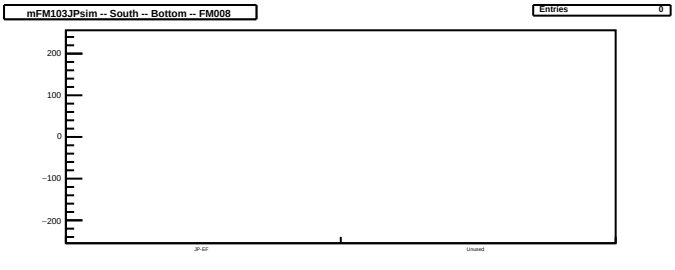

mFM103BS -- South -- Bottom --FM008
Entries 1464228

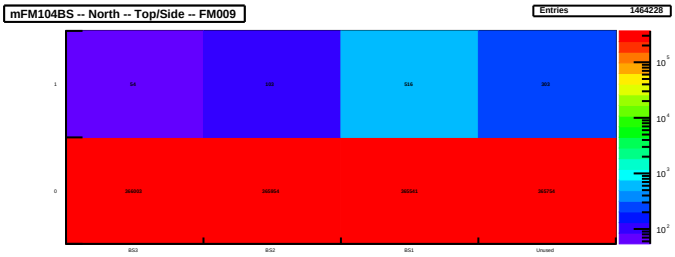

mFM103BSsim -- South -- Bottom --FM0008
Entries 383

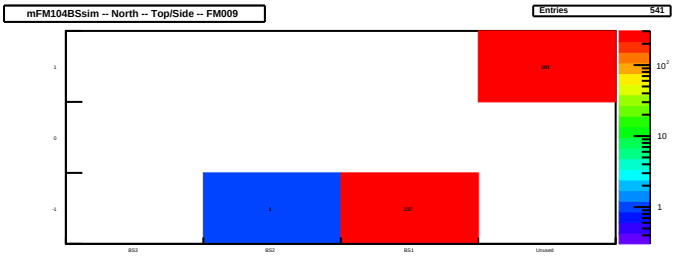

mFM103J -- South -- Bottom -- FM008
Entries 366057
Unused

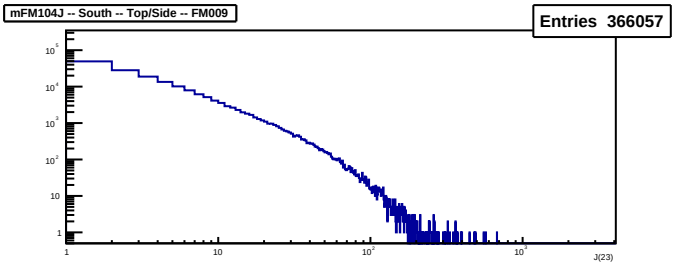

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

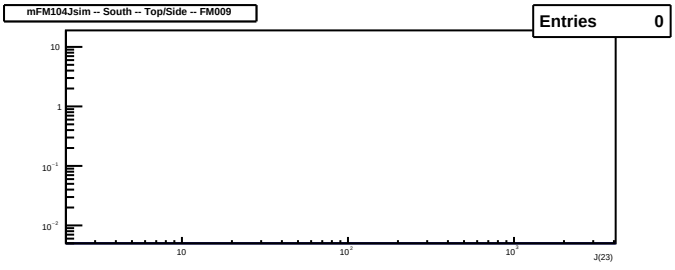

mFM103JP -- South -- Bottom -- FM008
Entries 732114

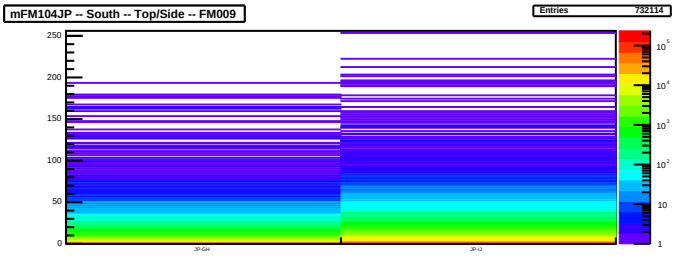

mFM103JPsim -- South -- Bottom -- FM008
Entries 0

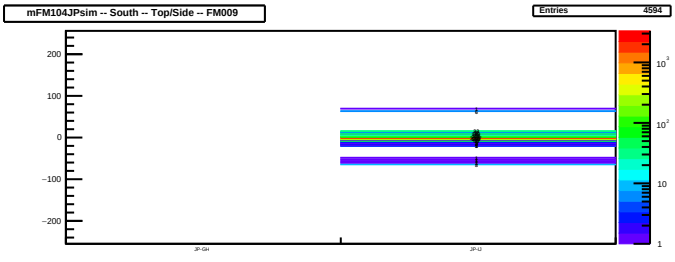

mFM104BS -- North -- Top/Side -- FM009
Entries 1464228

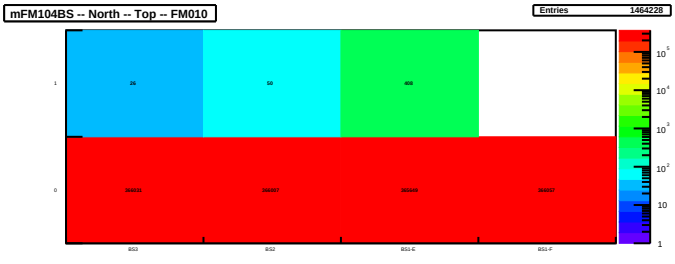

mFM104BSsim -- North -- Top/Side -- FM009
Entries 541

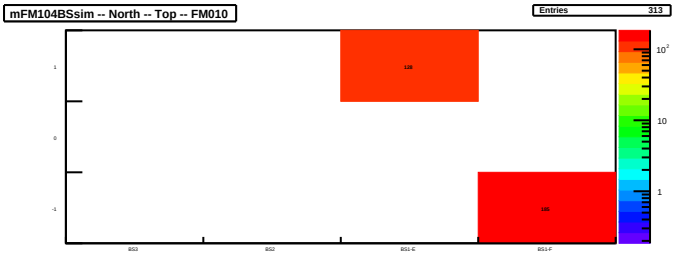

mFM104J -- South -- Top/Side -- FM009
Entries 366057
J(23)

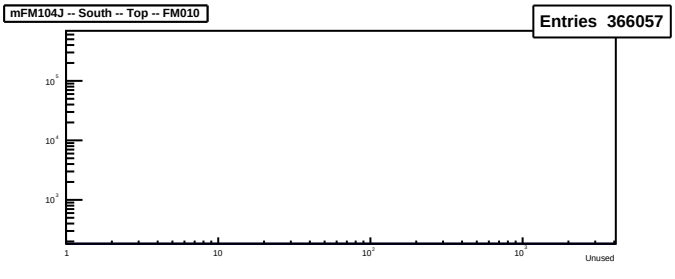

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

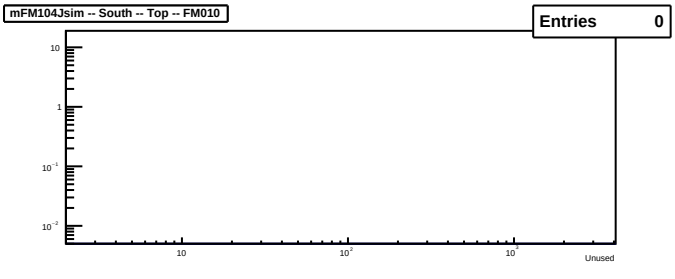

mFM104JP -- South -- Top/Side -- FM009
Entries 732114

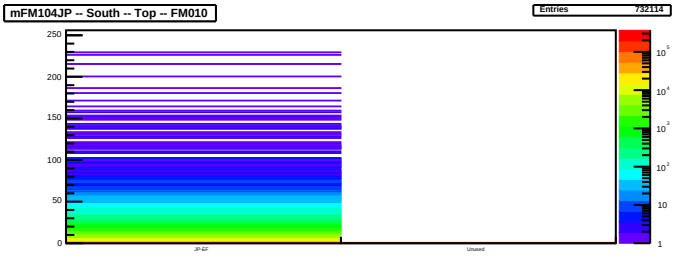

mFM104JPsim -- South -- Top/Side -- FM009
Entries 4594

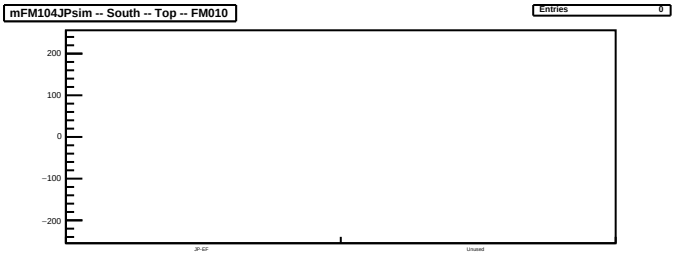

mFM104BS -- North -- Top -- FM010
Entries 1464228

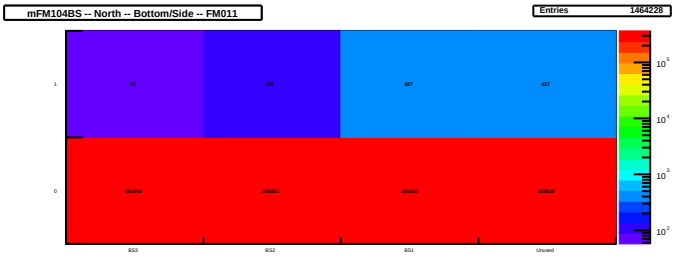

mFM104BSsim -- North -- Top -- FM010
Entries 313

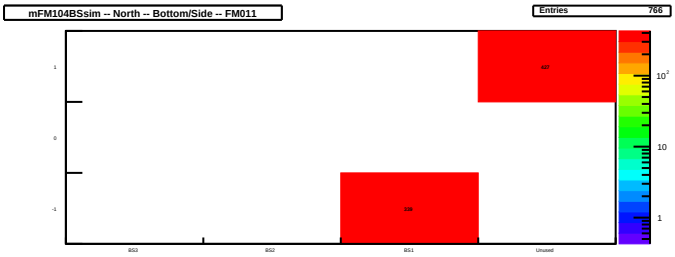

mFM104J -- South -- Top -- FM010
Entries 366057
Unused

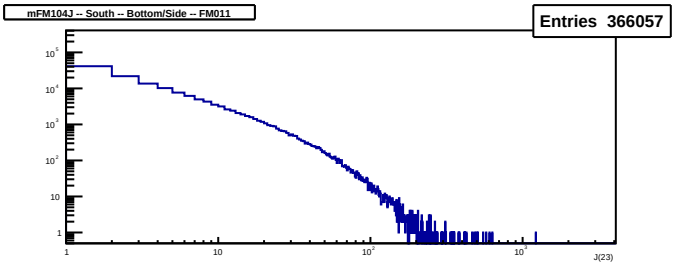

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

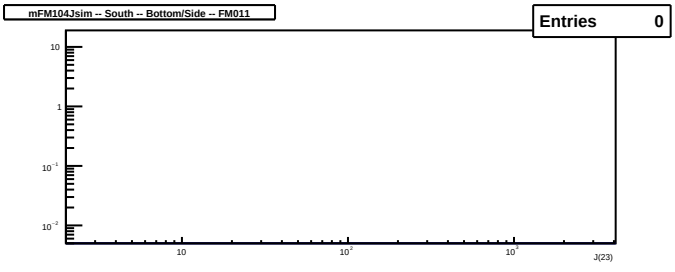

mFM104JP -- South -- Top -- FM010
Entries 732114

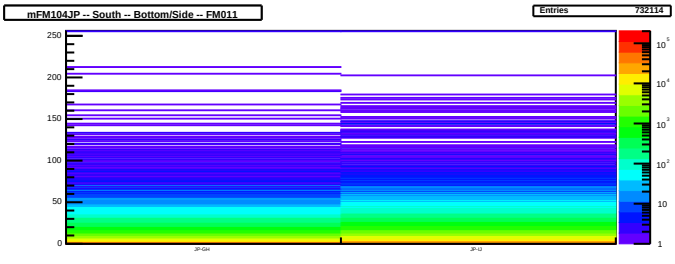

mFM104JPsim -- South -- Top -- FM010
Entries 0

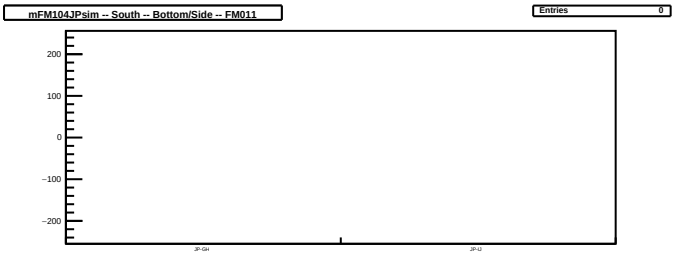

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1464228
57
106
427
427
364000
365951
365630
365630
BS3
BS2
BS1
Unused

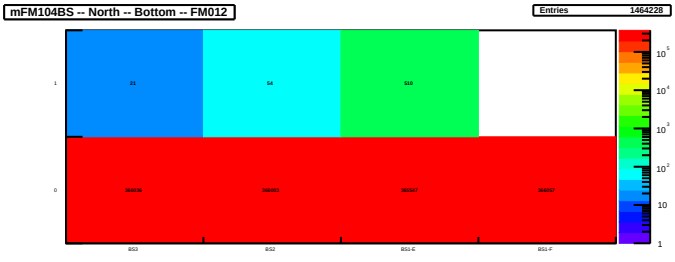

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 766
427
339
BS3
BS2
BS1
Unused

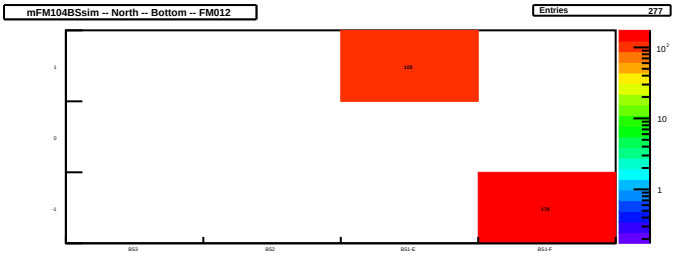

mFM104J -- South -- Bottom/Side -- FM011
Entries 366057
J(23)

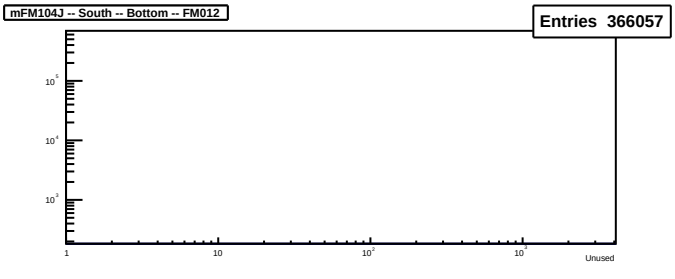

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

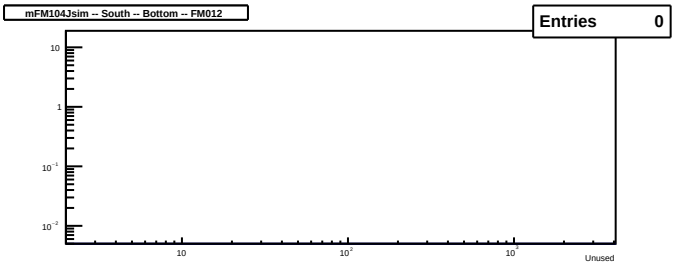

mFM104JP -- South -- Bottom/Side -- FM011
Entries 732114
JP-GH
JP-IJ

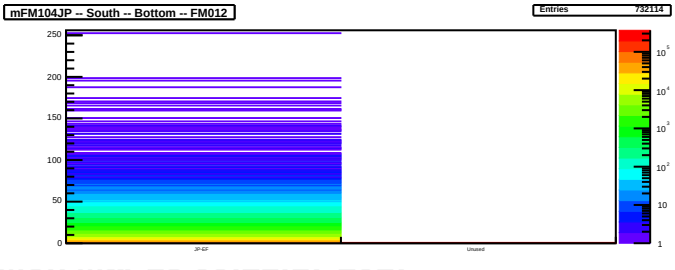

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

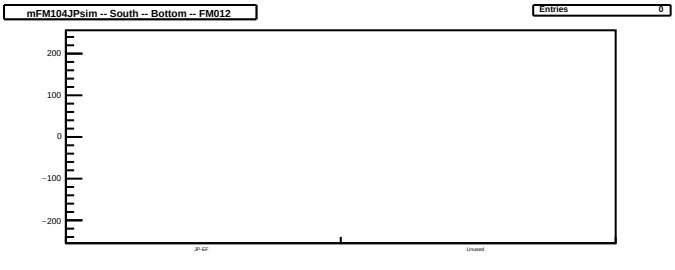

mFM104BS -- North -- Bottom -- FM012
Entries 1464228
21
54
510
364936
366093
365547
365957
BS3
BS2
BS1-E
BS1-F

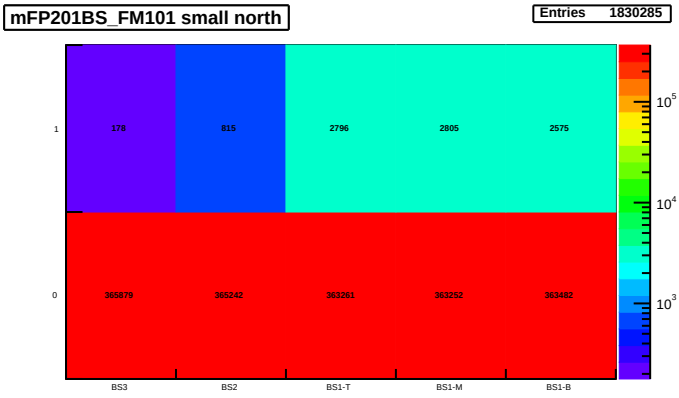

mFM104BSsim -- North -- Bottom -- FM012
Entries 277
103
174
BS3
BS2
BS1-E
BS1-F

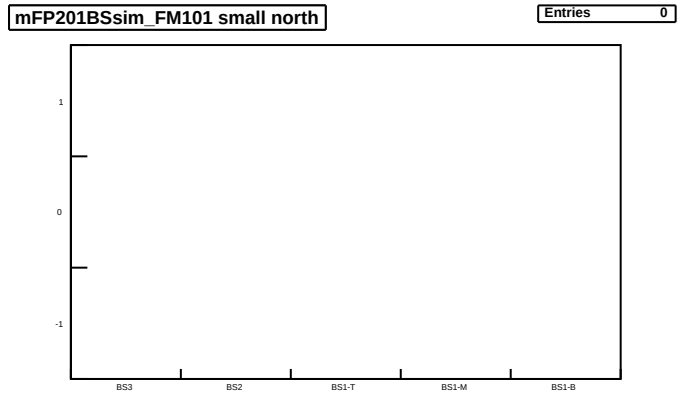

mFM104J -- South -- Bottom -- FM012
Entries 366057
Unused

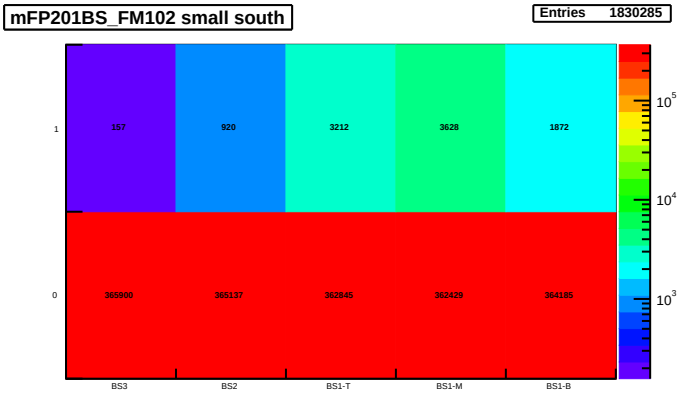

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

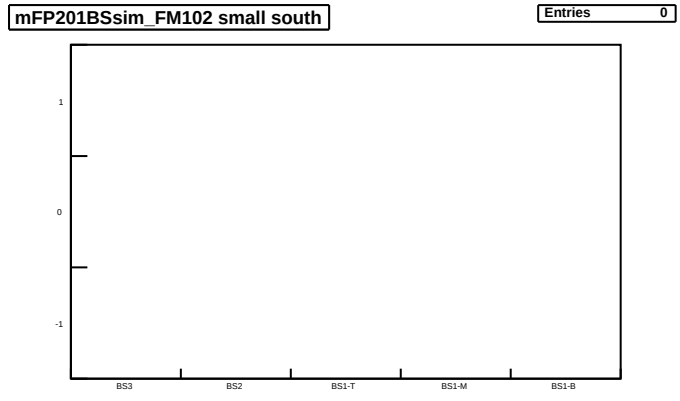

mFM104JP -- South -- Bottom -- FM012
Entries 732114
JP-EF
Unused

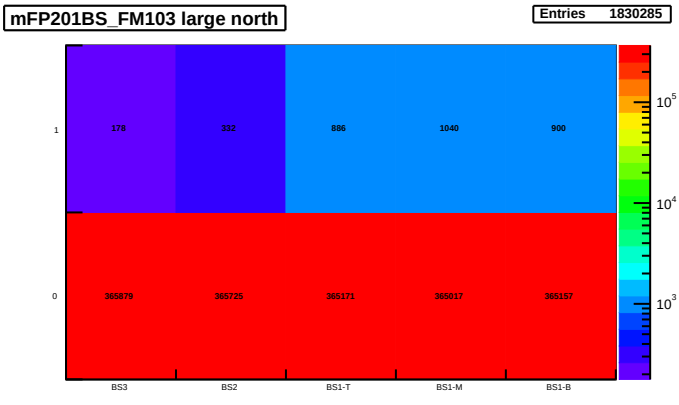

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

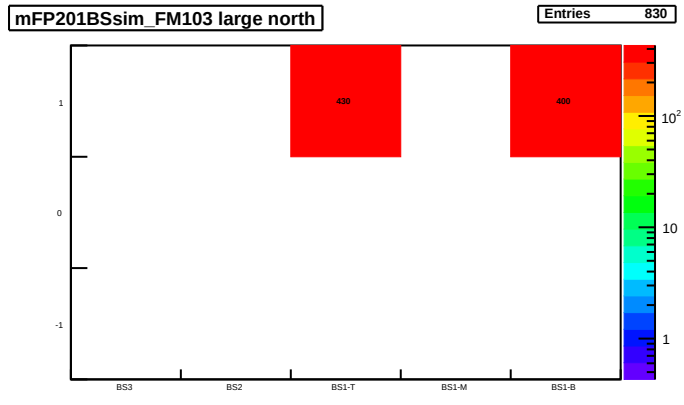

mFP201BS_FM101 small north
Entries 1830285
178
815
2796
2805
2575
365879
365242
363261
363252
363482
BS3
BS2
BS1-T
BS1-M
BS1-B

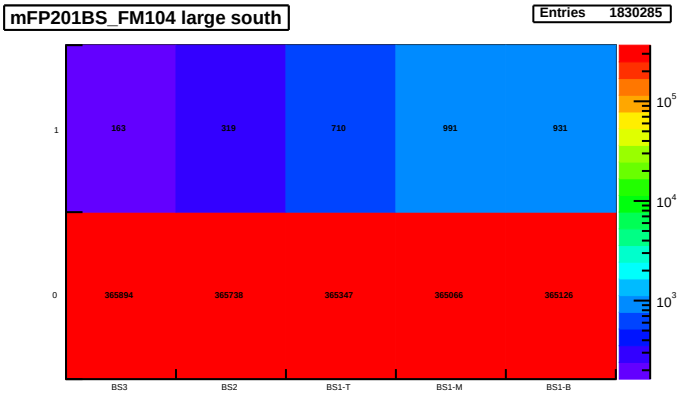

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

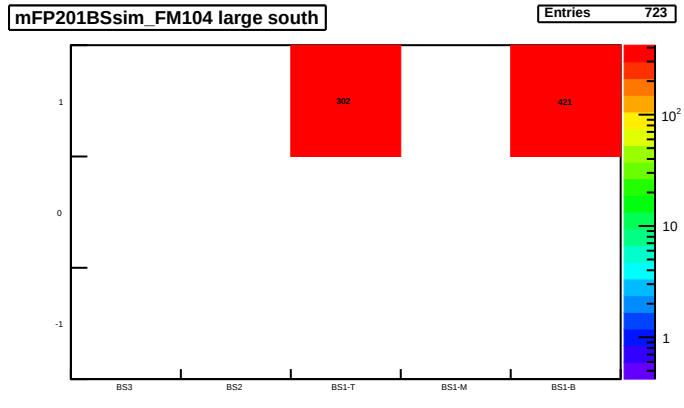

mFP201BS_FM102 small south
Entries 1830285
157
920
3212
3628
1872
365900
365137
362845
362429
364185
BS3
BS2
BS1-T
BS1-M
BS1-B

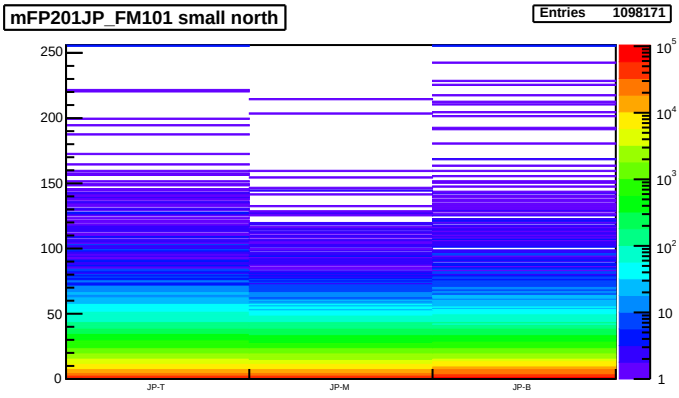

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

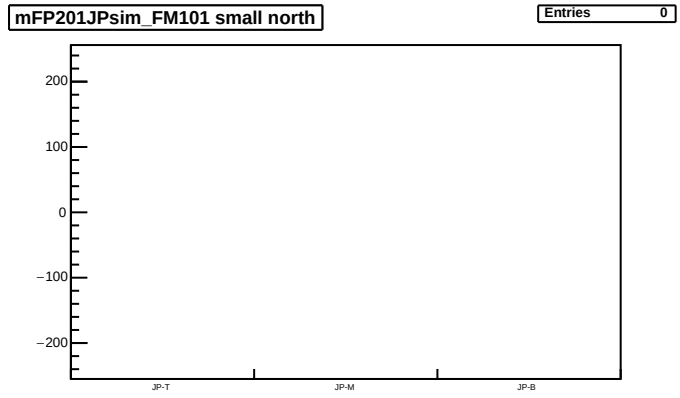

mFP201BS_FM103 large north
Entries 1830285
178
332
886
1040
900
365879
365725
365171
365017
365157
BS3
BS2
BS1-T
BS1-M
BS1-B

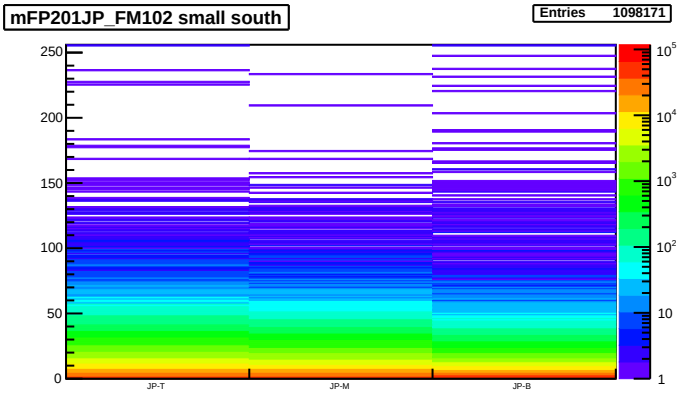

mFP201BSsim_FM103 large north
Entries 830
430
400
BS3
BS2
BS1-T
BS1-M
BS1-B

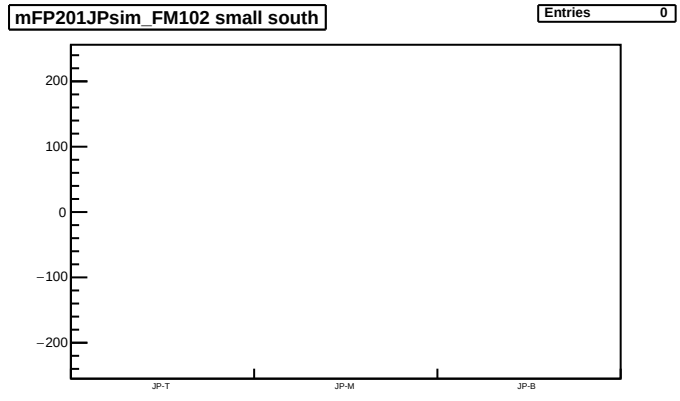

mFP201BS_FM104 large south
Entries 1830285
163
319
710
991
931
365894
365738
365347
365066
365126
BS3
BS2
BS1-T
BS1-M
BS1-B

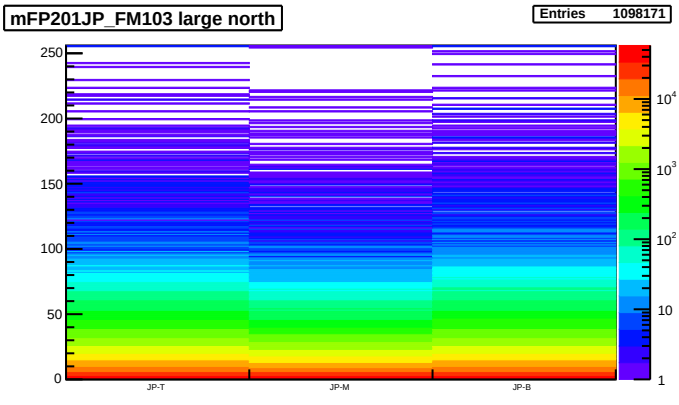

mFP201BSsim_FM104 large south
Entries 723
302
421
BS3
BS2
BS1-T
BS1-M
BS1-B

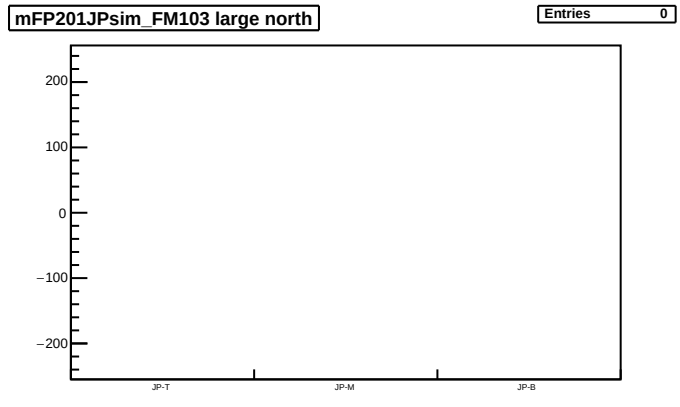

mFP201JP_FM101 small north
Entries 1098171
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

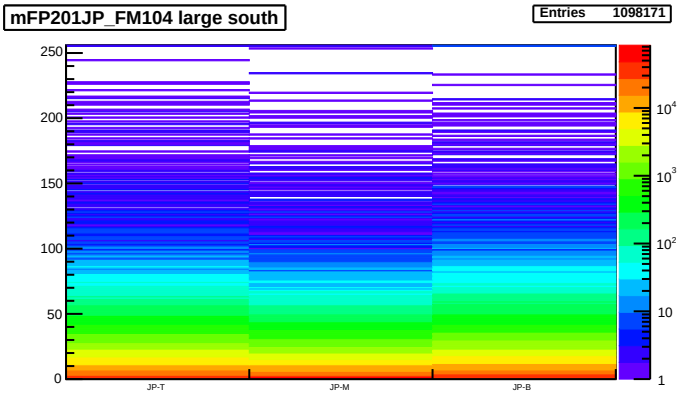

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

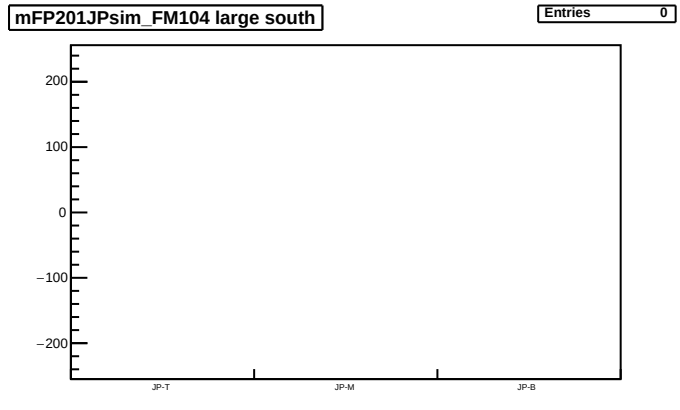

mFP201JP_FM102 small south
Entries 1098171
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^5$
$10^4$
$10^3$
$10^2$
10
1

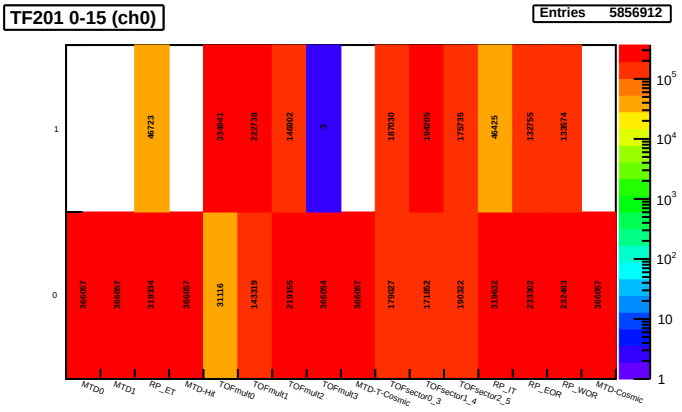

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

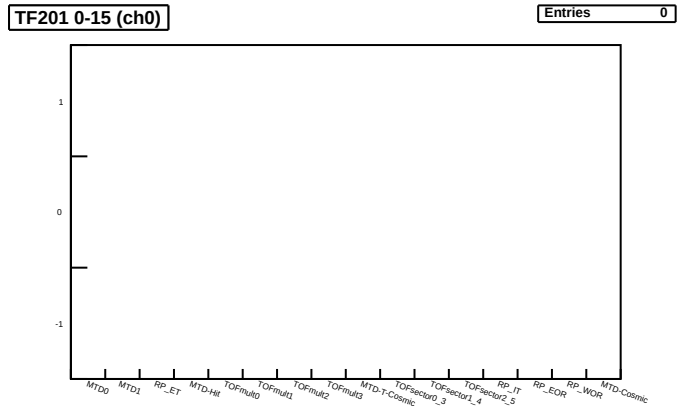

mFP201JP_FM103 large north
Entries 1098171
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^4$
$10^3$
$10^2$
10
1

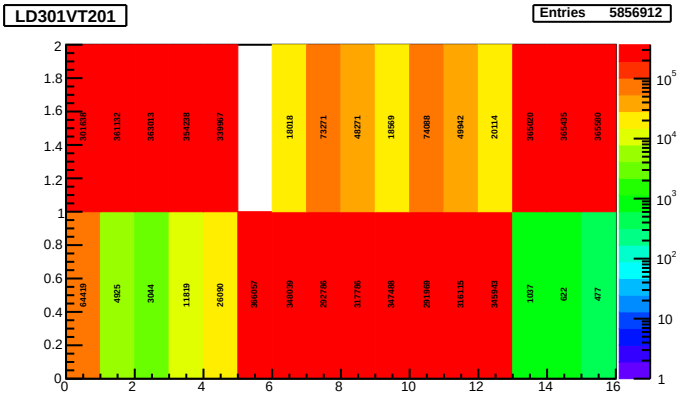

mFP201JPsim_FM103 large north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

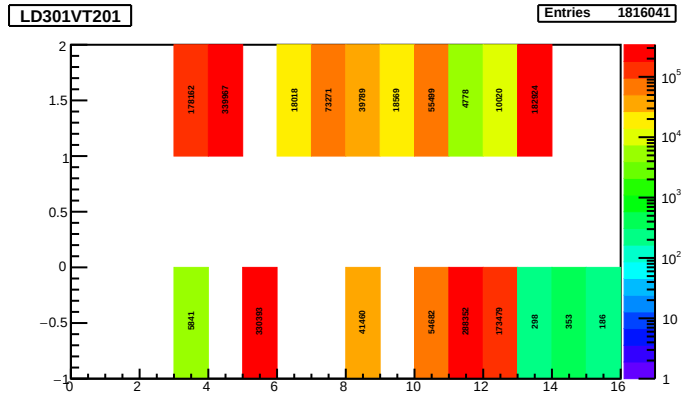

mFP201JP_FM104 large south
Entries 1098171
250
200
150
100
50
0
JP-T
JP-M
JP-B
$10^4$
$10^3$
$10^2$
10
1

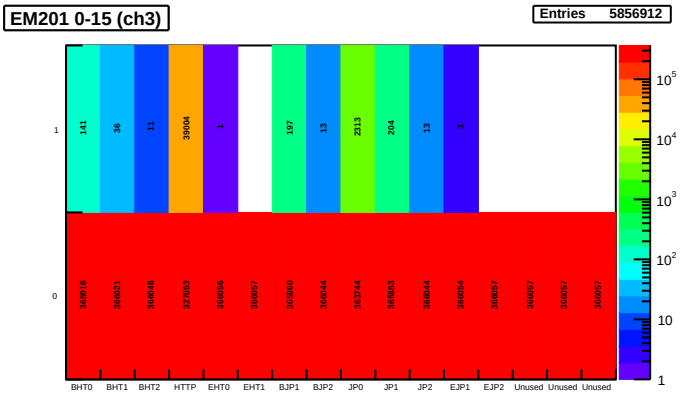

mFP201JPsim_FM104 large south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

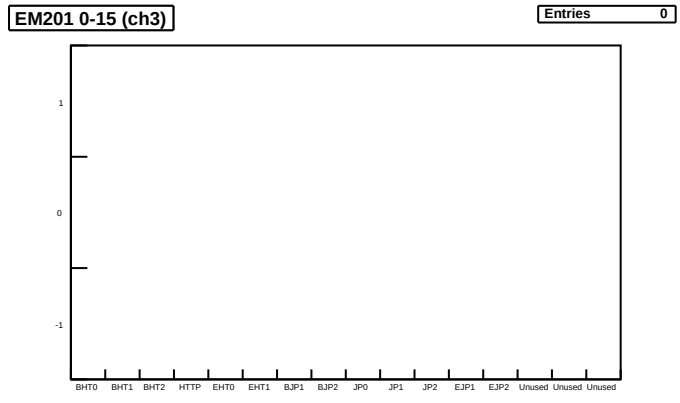

TF201 0-15 (ch0)
Entries 5856912
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

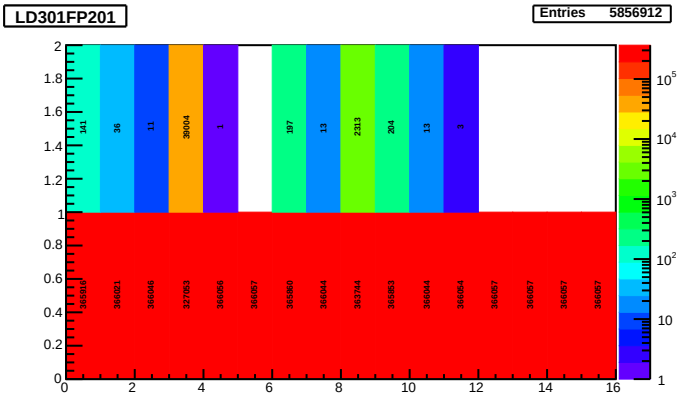

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

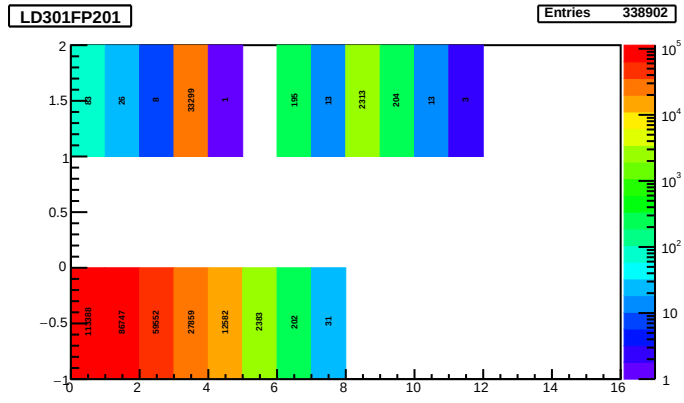

LD301VT201
Entries 5856912


LD301VT201
Entries 1816041


EM201 0-15 (ch3)
Entries 5856912
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 5856912


LD301FP201
Entries 338902