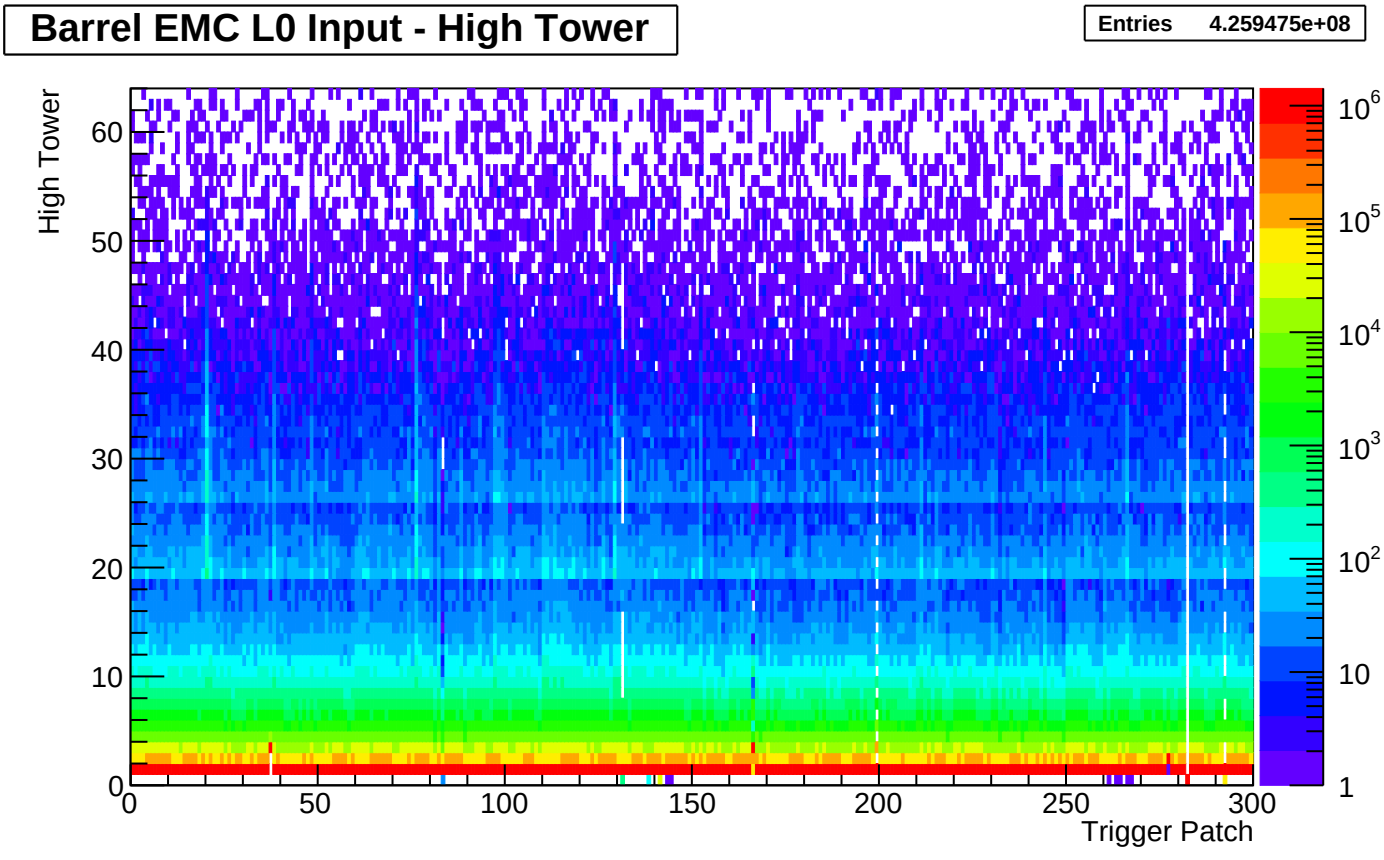
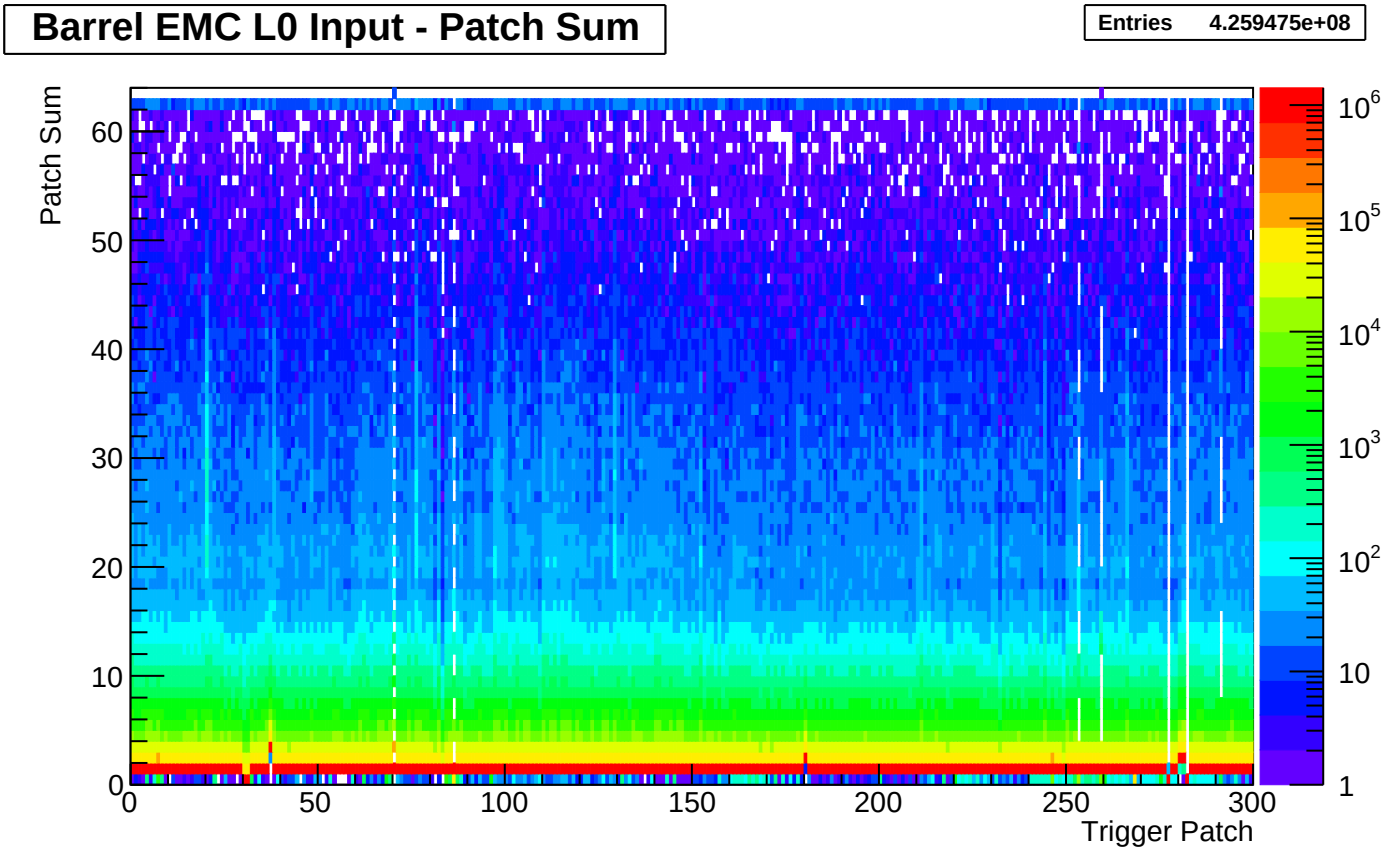
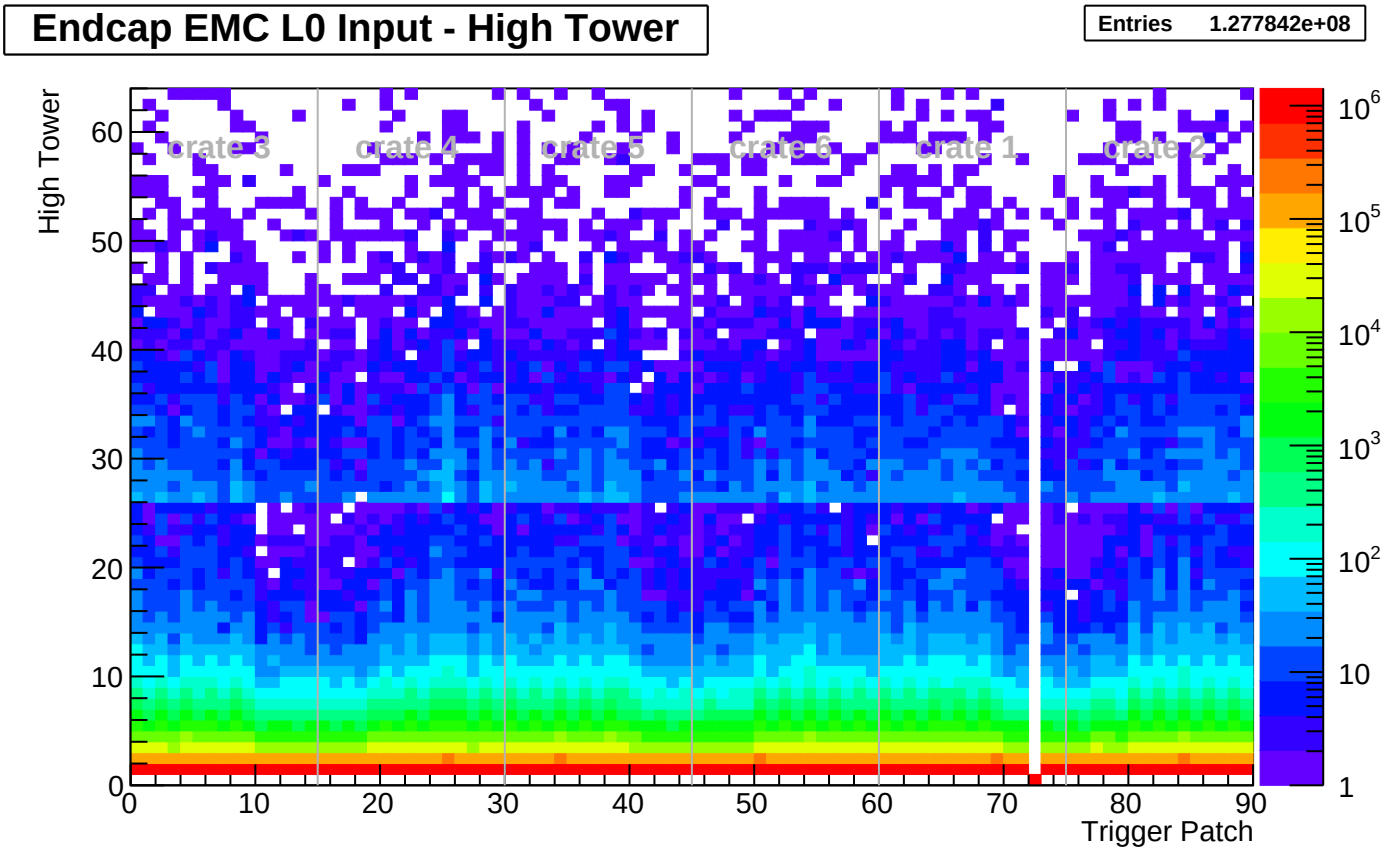
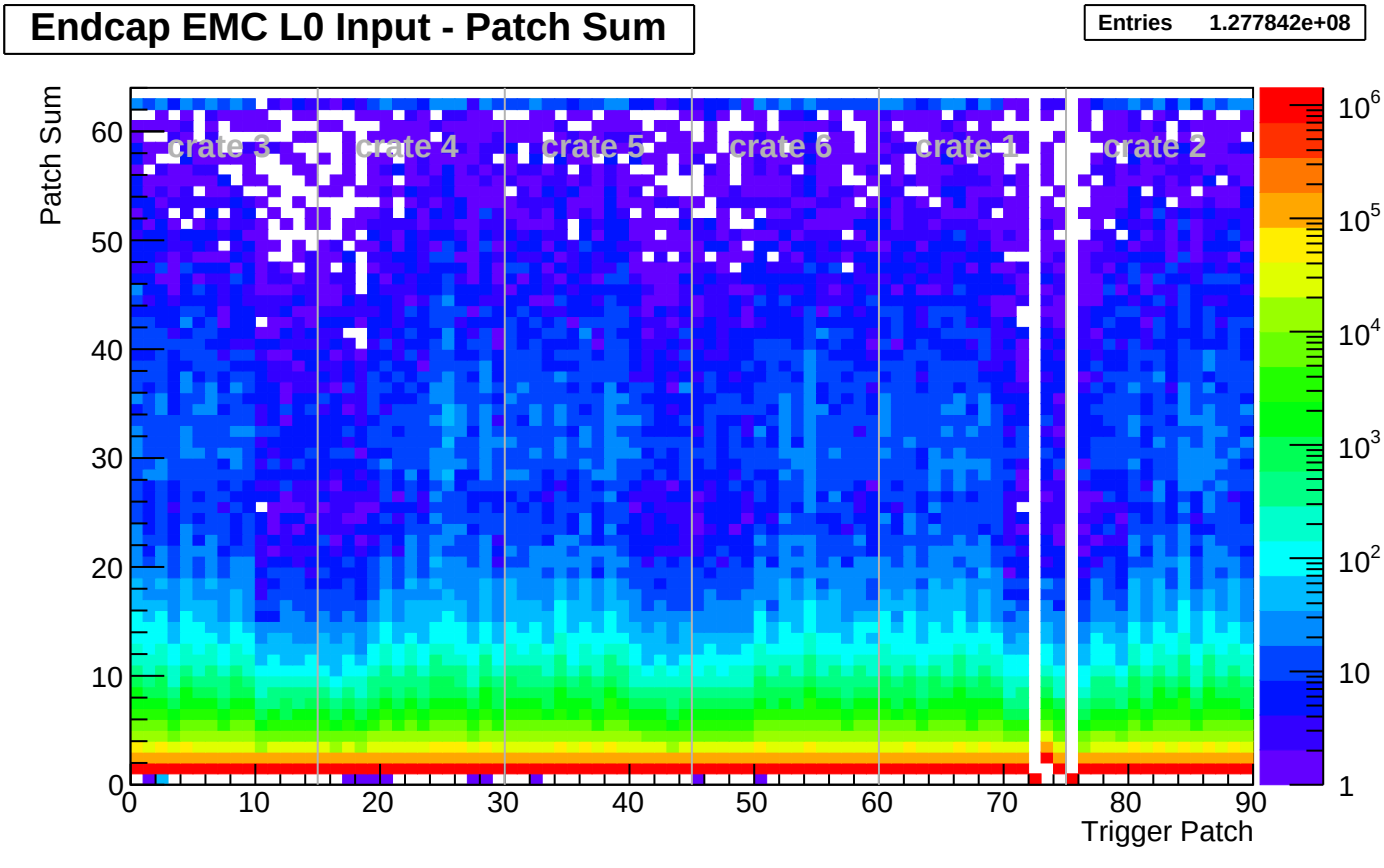
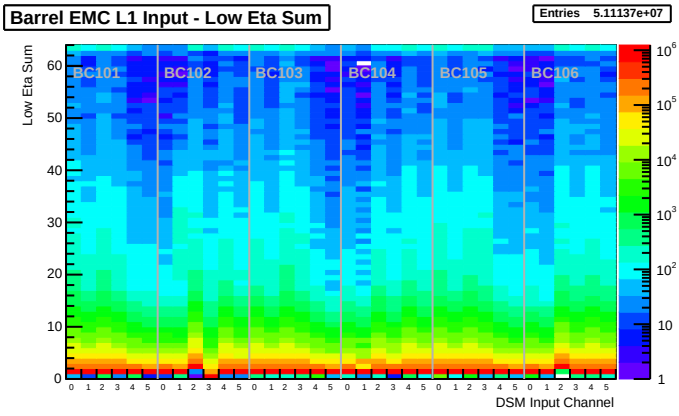
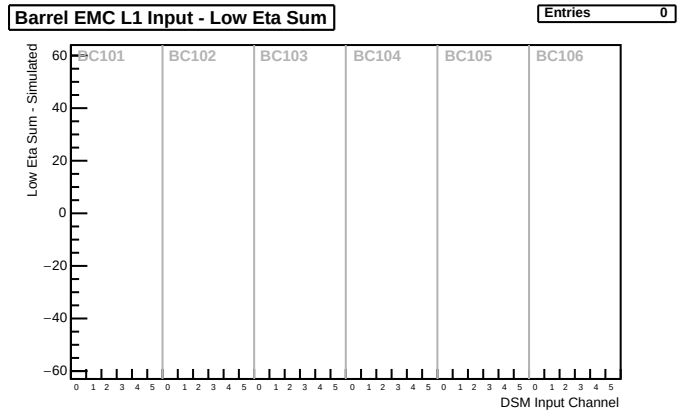

Barrel EMC L0 Input - High Tower
Entries 4.259475e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

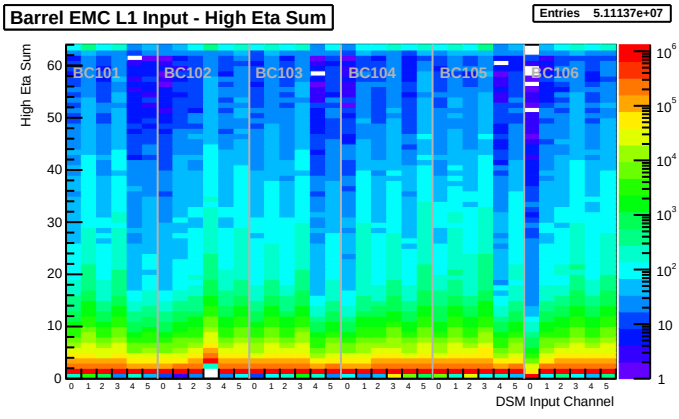

Barrel EMC L0 Input - Patch Sum
Entries 4.259475e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

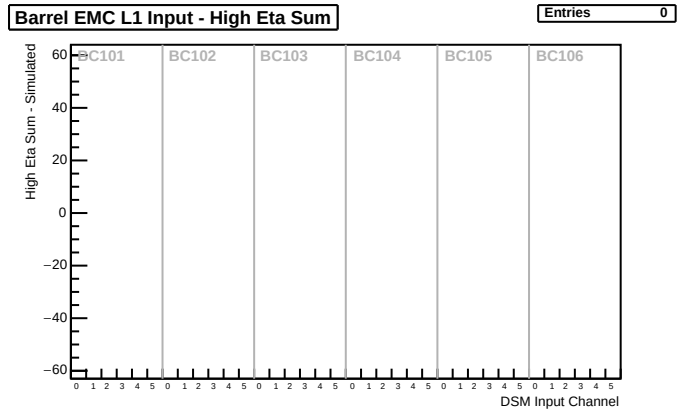

Endcap EMC L0 Input - High Tower
Entries 1.277842e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

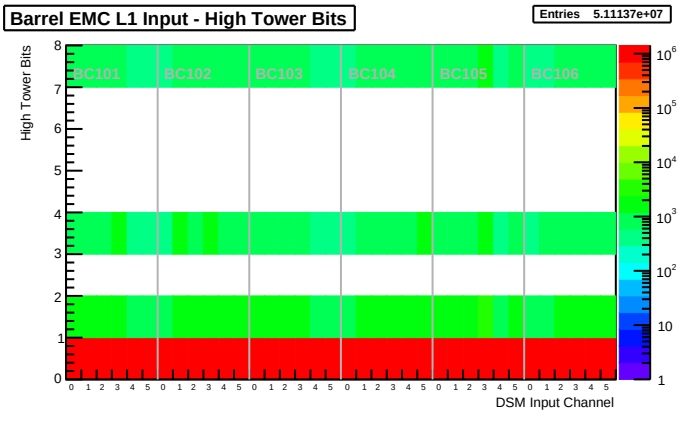

Endcap EMC L0 Input - Patch Sum
Entries 1.277842e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

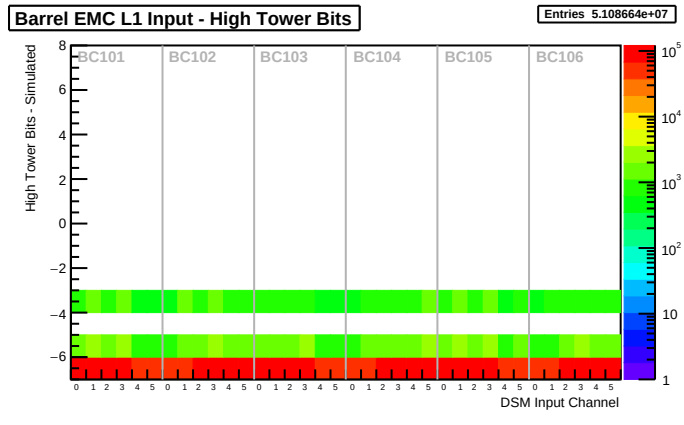

Barrel EMC L1 Input - Low Eta Sum
Entries 5.11137e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

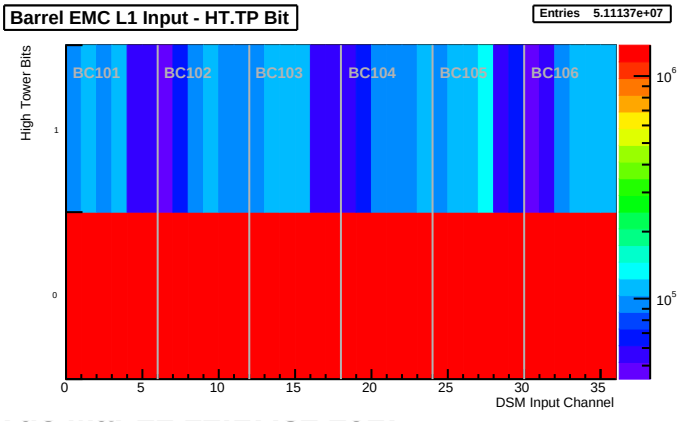

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

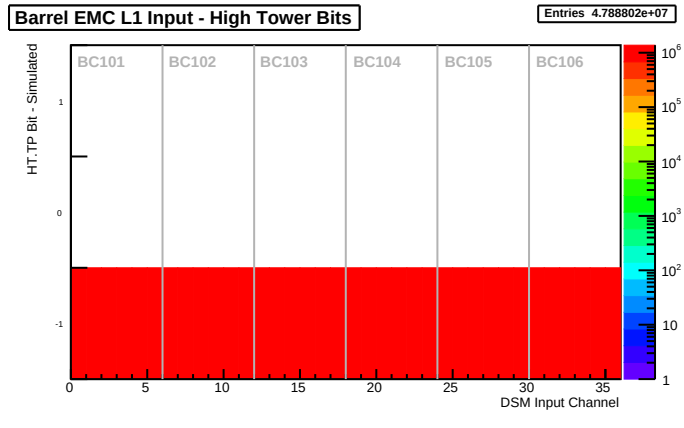

Barrel EMC L1 Input - High Eta Sum
Entries 5.11137e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

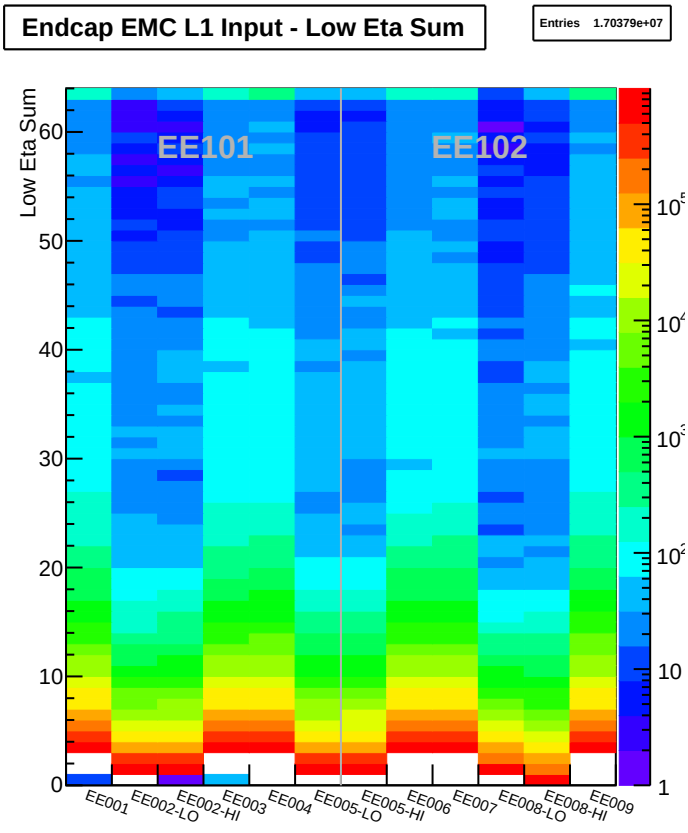

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

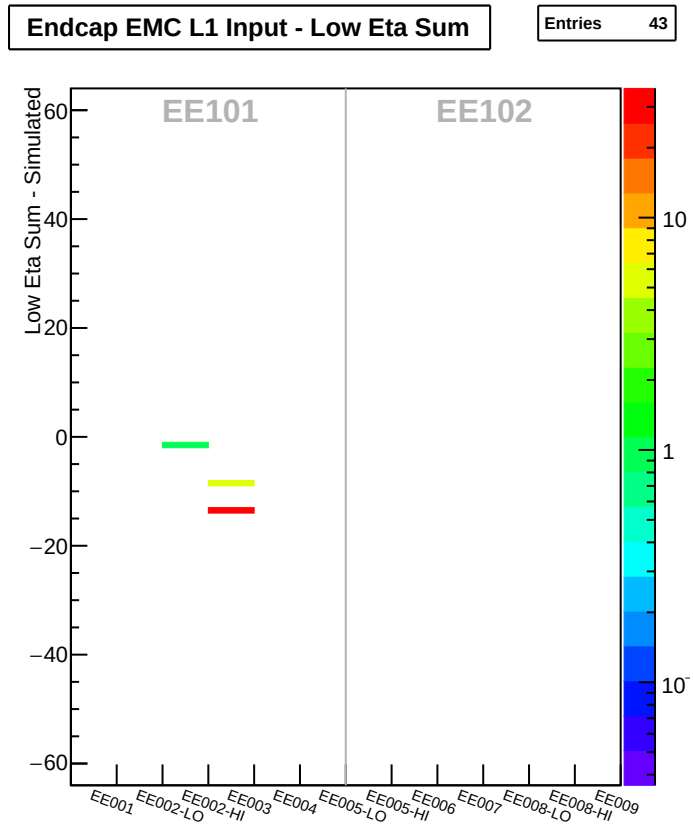

Barrel EMC L1 Input - High Tower Bits
Entries 5.11137e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

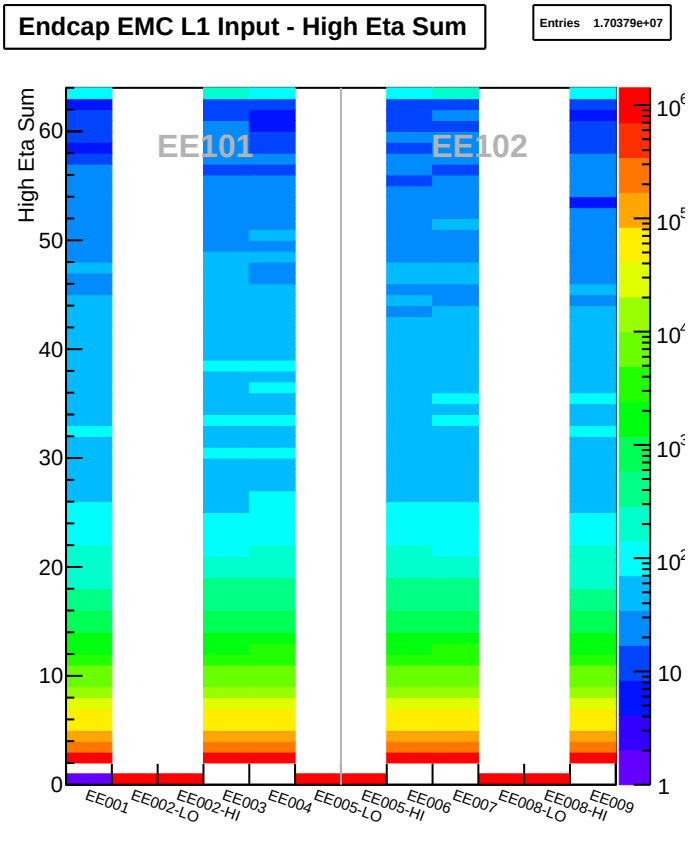

Barrel EMC L1 Input - High Tower Bits
Entries 5.108664e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

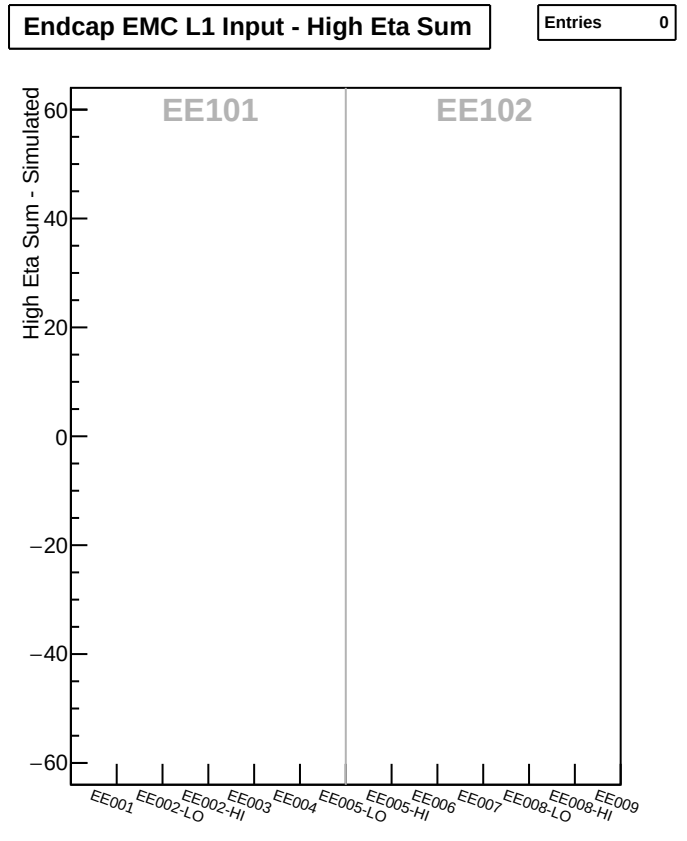

Barrel EMC L1 Input - HT.TP Bit
Entries 5.11137e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 4.788802e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 1.70379e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

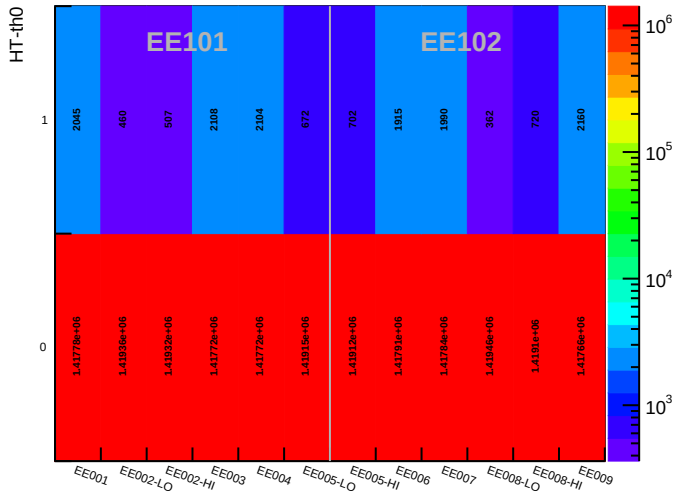

Endcap EMC L1 Input - Low Eta Sum
Entries 43
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 1.70379e+07
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

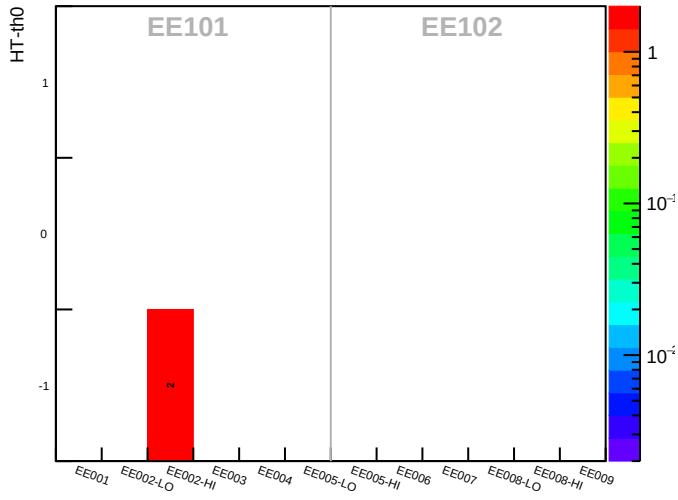
Endcap EMC L1 Input - HT-th0

Entries 1.70379e+07



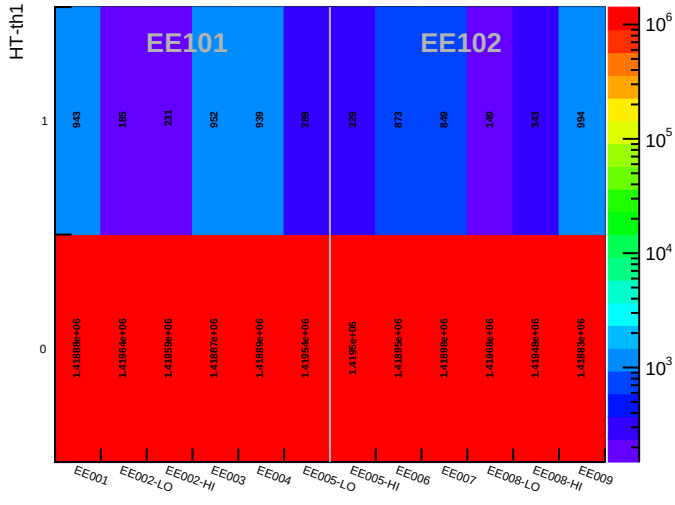
Endcap EMC L1 Input - HT-th0 Diff

Entries 2



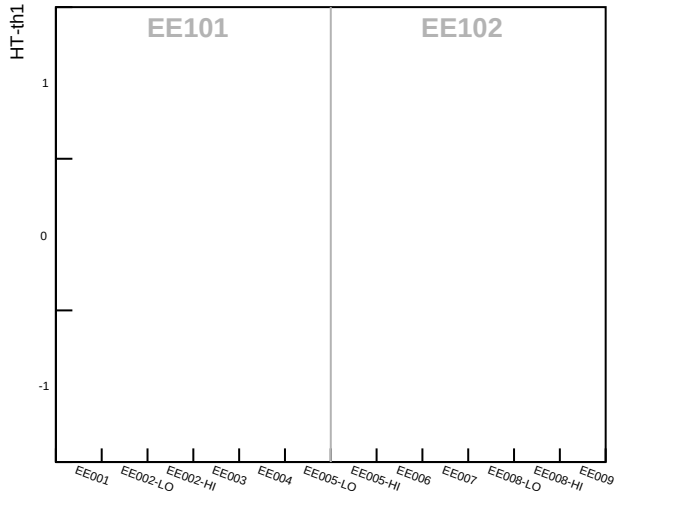
Endcap EMC L1 Input - HT-th1

Entries 1.70379e+07



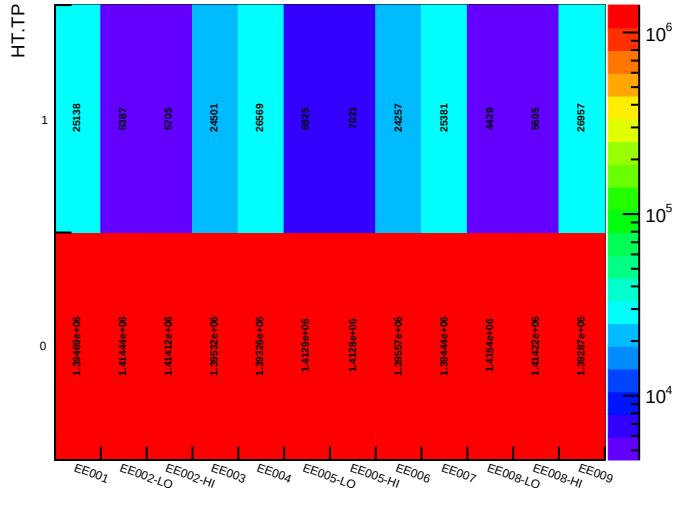
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



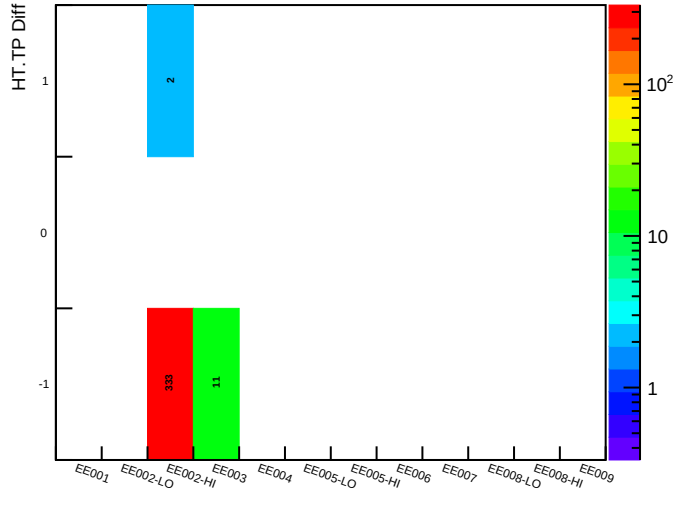
Endcap EMC L1 Input - HT.TP

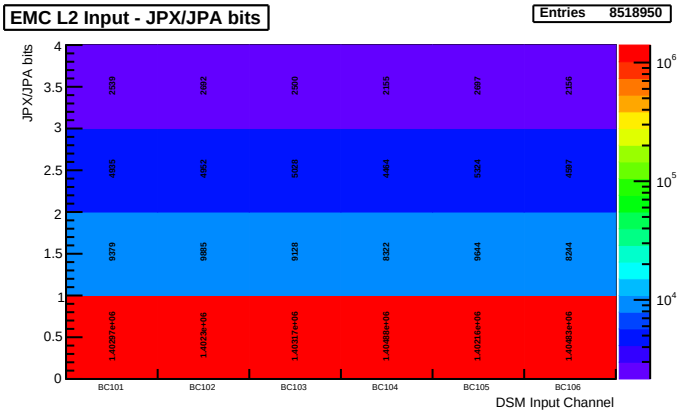
Entries 1.70379e+07

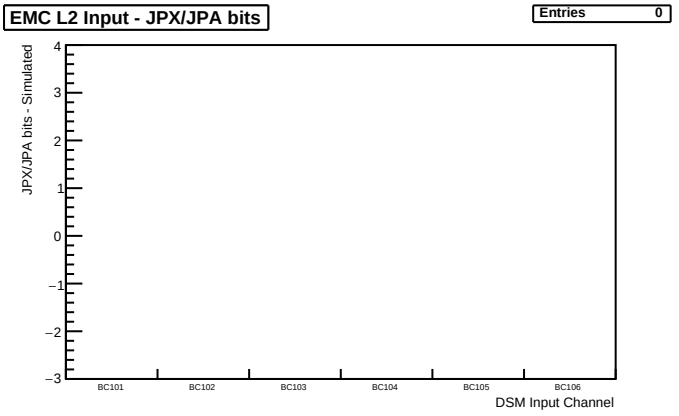


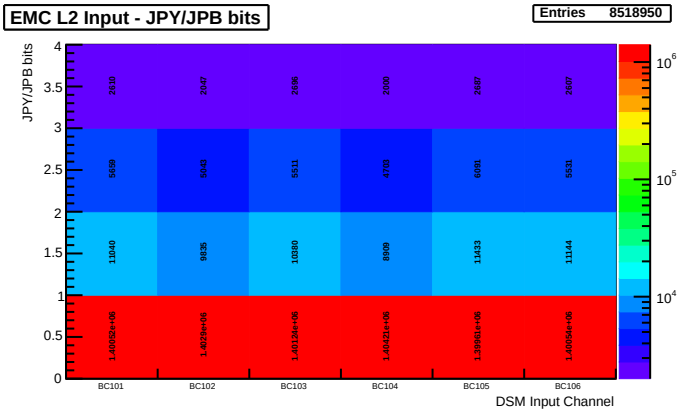
Endcap EMC L1 Input - HT.TP Diff

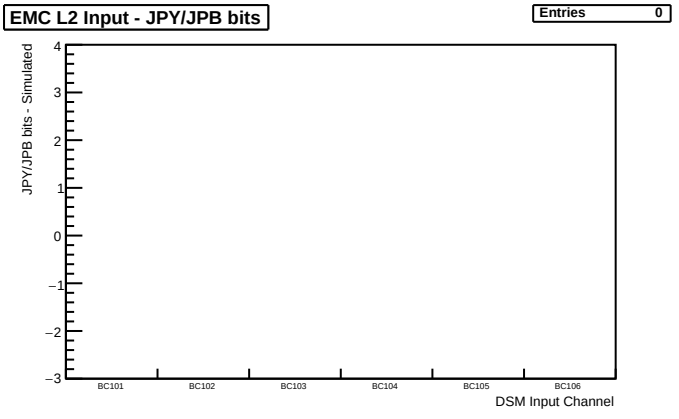
Entries 346

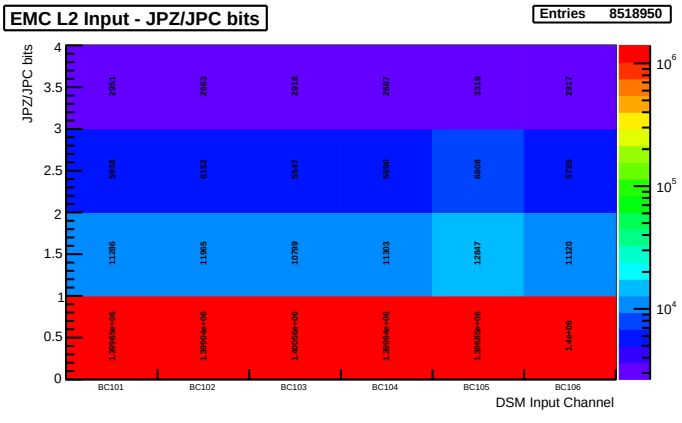


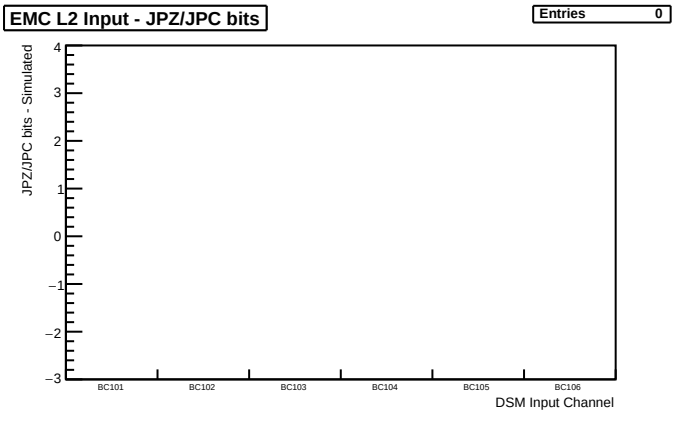

EMC L2 Input - JPX/JPA bits
Entries 8518950
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

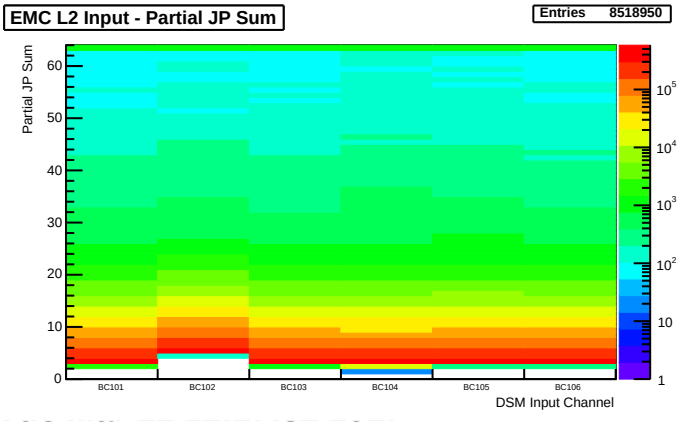

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel

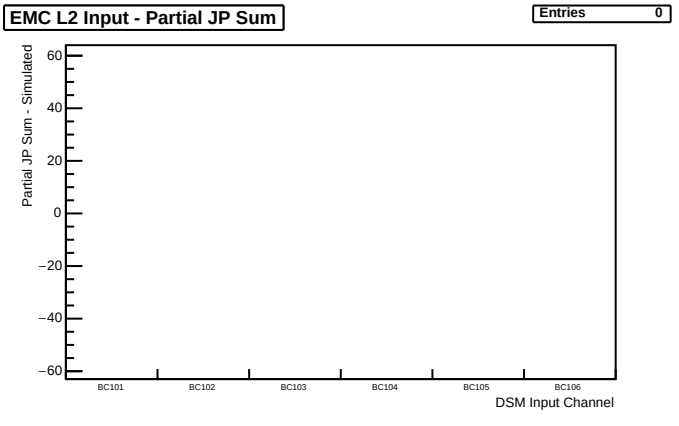

EMC L2 Input - JPY/JPB bits
Entries 8518950
JPY/JPB bits
DSM Input Channel

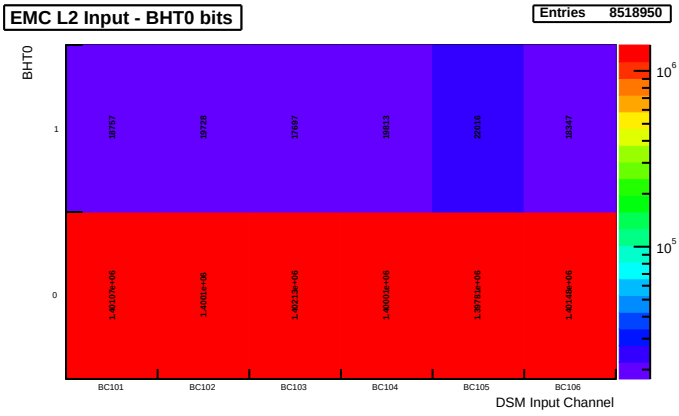

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel

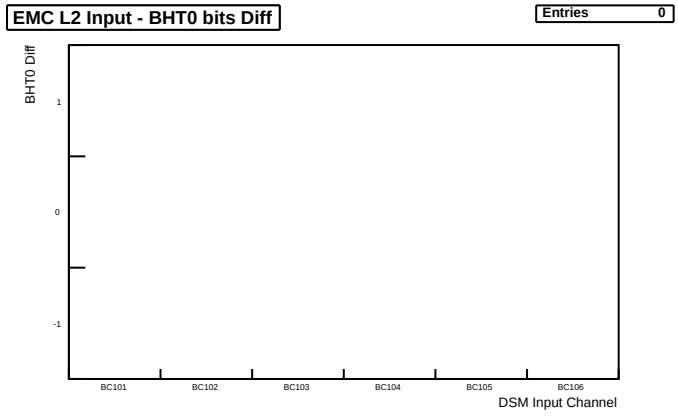

EMC L2 Input - JPZ/JPC bits
Entries 8518950
JPZ/JPC bits
DSM Input Channel

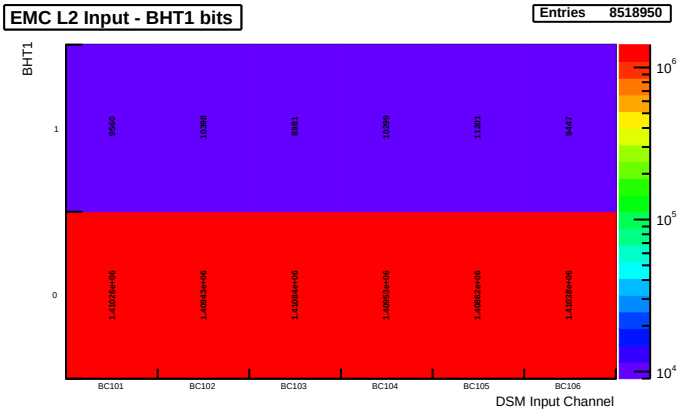

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel

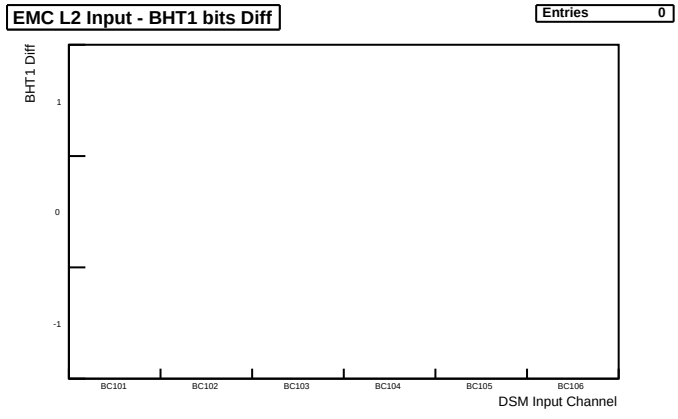

EMC L2 Input - Partial JP Sum
Entries 8518950
Partial JP Sum
DSM Input Channel

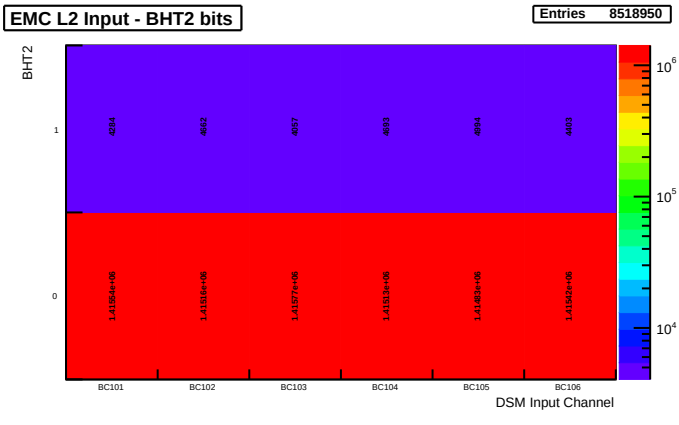

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel

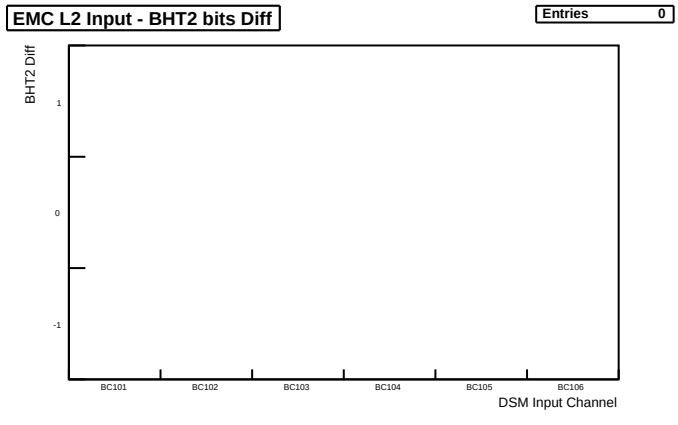

EMC L2 Input - BHT0 bits
Entries 8518950
BHT0
1
0
19757
19728
17697
19813
22516
18347
1.40107e+06
1.4001e+06
1.40213e+06
1.40001e+06
1.39781e+06
1.40149e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

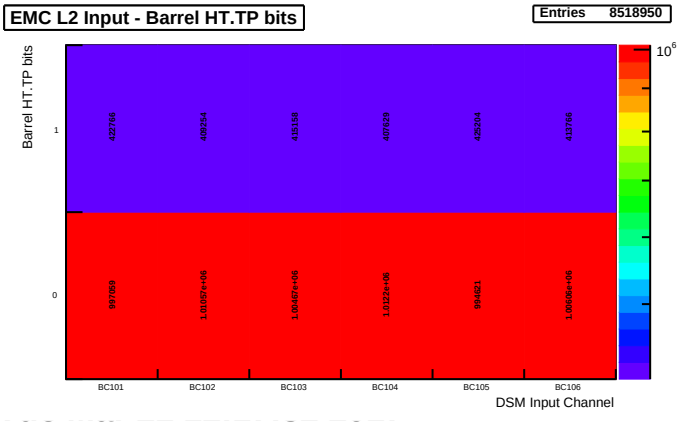

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

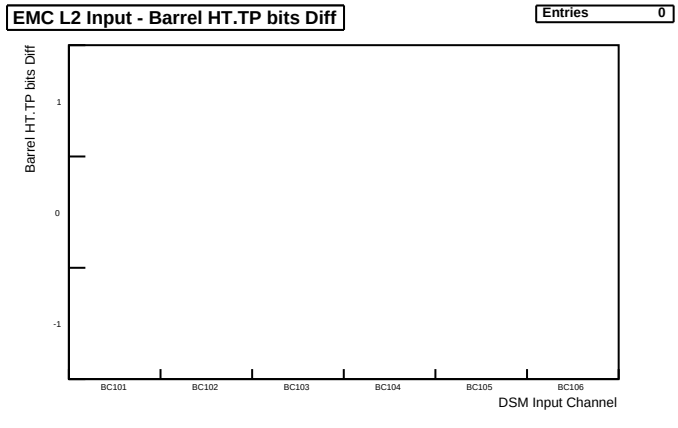

EMC L2 Input - BHT1 bits
Entries 8518950
BHT1
1
0
9560
10398
8981
10299
11201
9447
1.41026e+06
1.40943e+06
1.41084e+06
1.40953e+06
1.40962e+06
1.41038e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

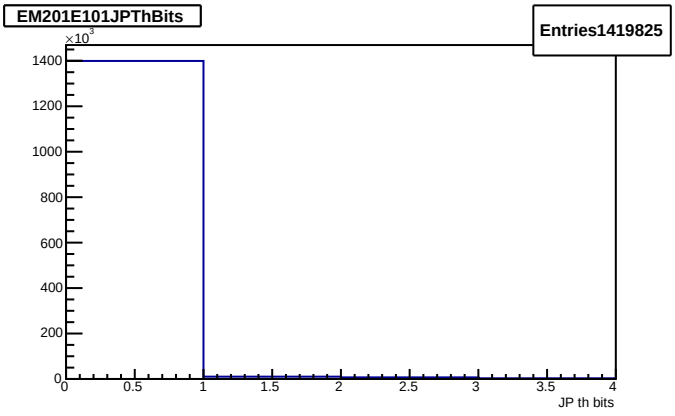

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

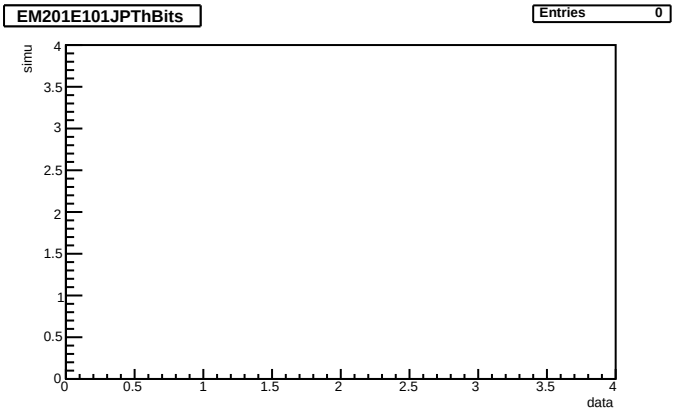

EMC L2 Input - BHT2 bits
Entries 8518950
BHT2
1
0
4234
4652
4657
4693
4694
4403
1.41534e+06
1.41516e+06
1.41577e+06
1.41513e+06
1.41434e+06
1.41542e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

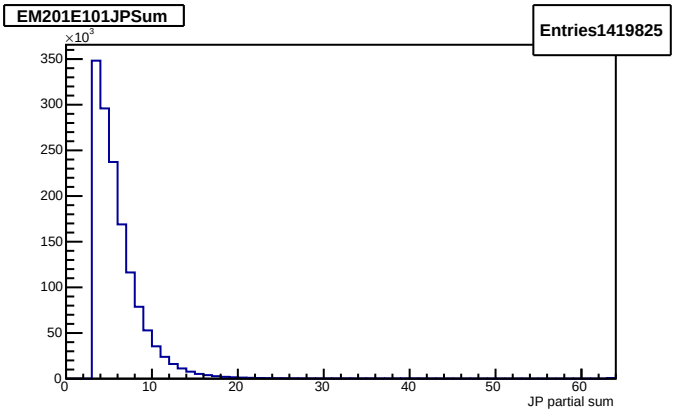

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

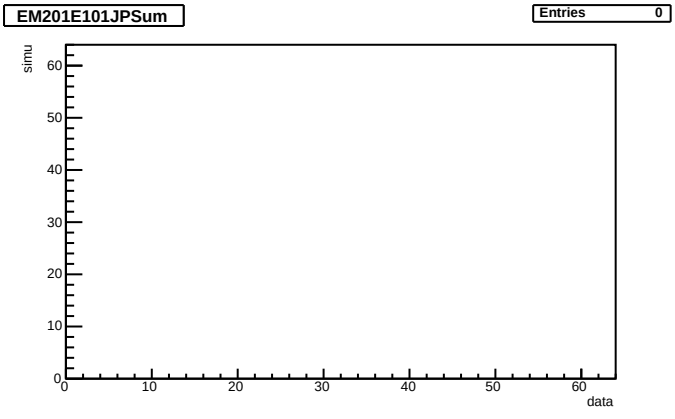

EMC L2 Input - Barrel HT.TP bits
Entries 8518950
Barrel HT.TP bits
1
0
422166
409254
435158
407629
429204
413766
997069
1.01057e+06
1.00469e+06
1.0222e+06
994621
1.00606e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

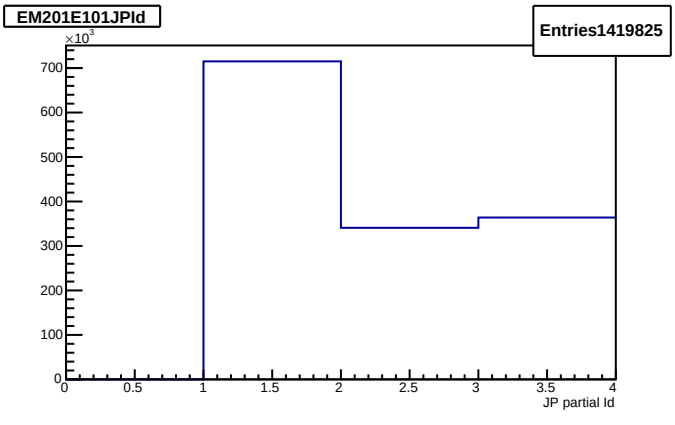

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

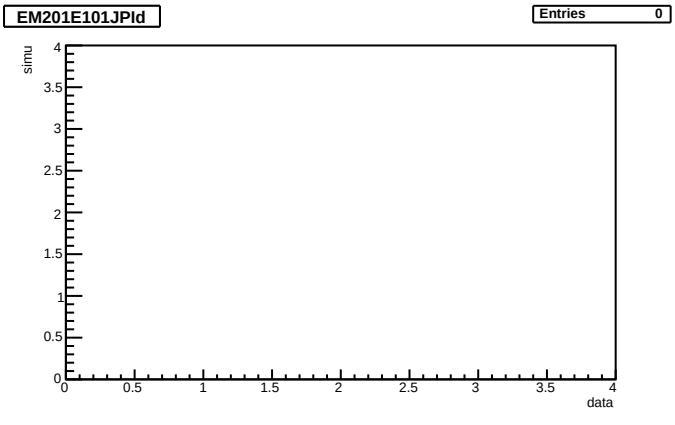

EM201E101JPThBits
Entries1419825
×10^3
JP th bits

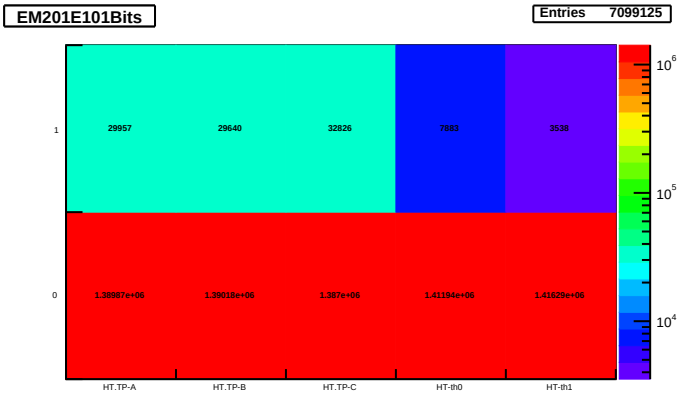

EM201E101JPThBits
Entries 0
simu
data

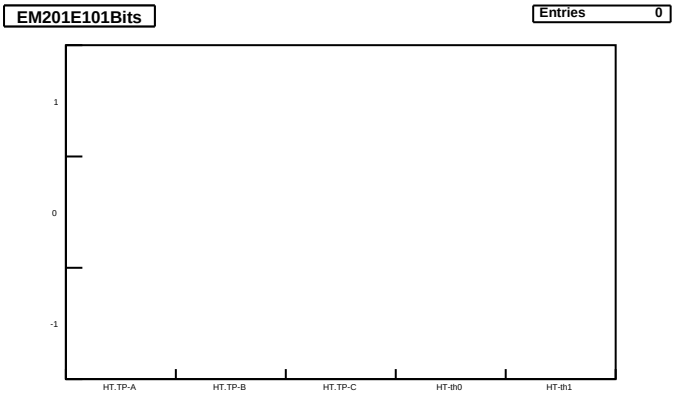

EM201E101JPSum
Entries1419825
×10^3
JP partial sum

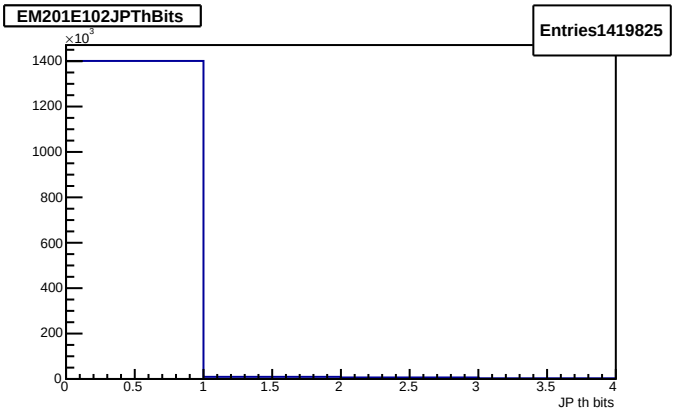

EM201E101JPSum
Entries 0
simu
data

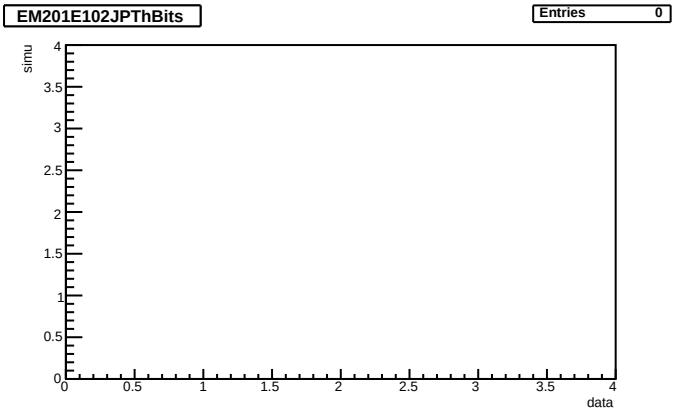

EM201E101JPId
Entries1419825
×10^3
JP partial Id

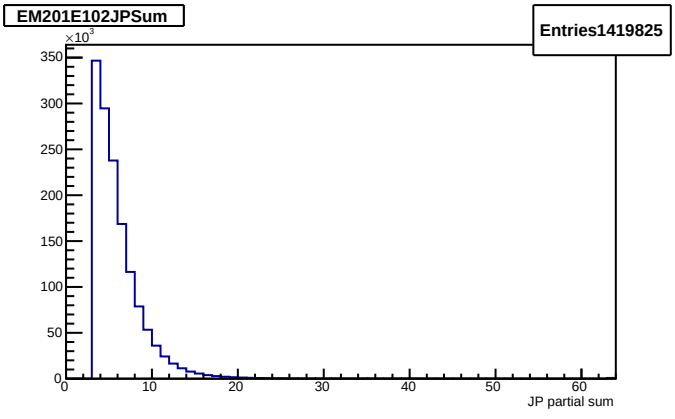

EM201E101JPId
Entries 0
simu
data

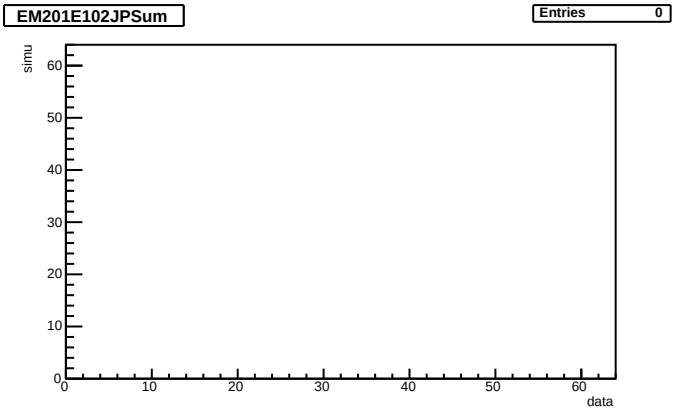

EM201E101Bits
Entries 7099125
29957
29640
32826
7883
3538
1.38987e+06
1.39018e+06
1.387e+06
1.41194e+06
1.41629e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

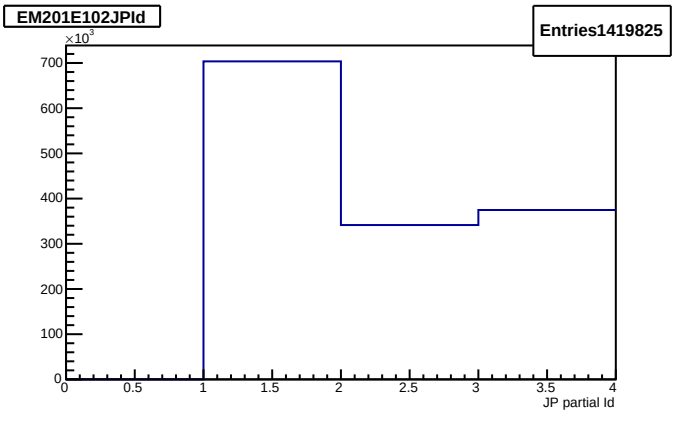

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

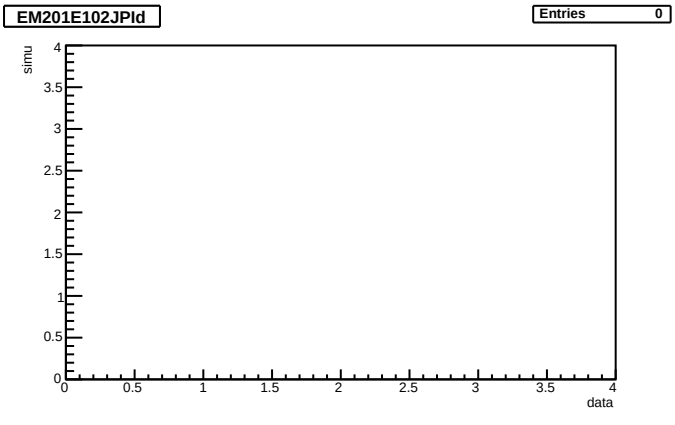

EM201E102JPThBits
Entries1419825
×10^3
JP th bits

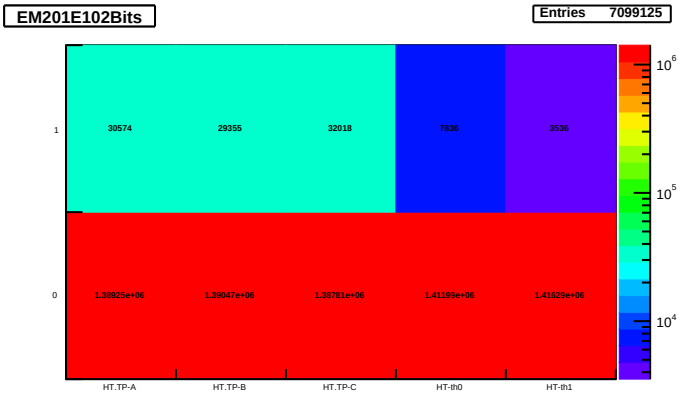

EM201E102JPThBits
Entries 0
simu
data

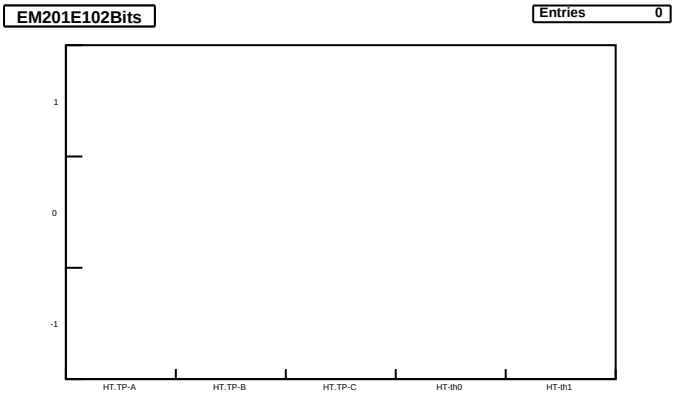

EM201E102JPSum
Entries1419825
×10^3
JP partial sum

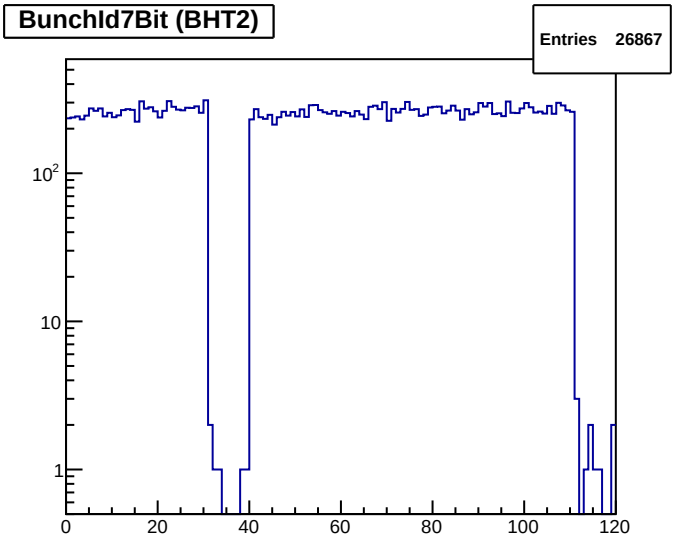

EM201E102JPSum
Entries 0
simu
data

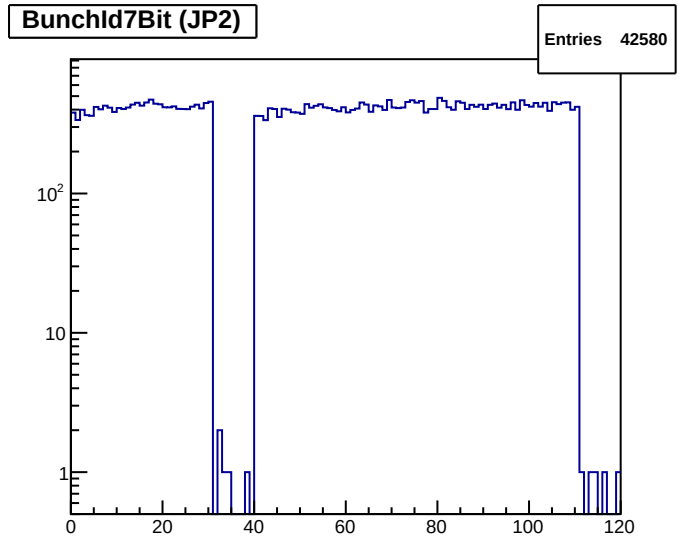

EM201E102JPId
Entries1419825
×10^3
JP partial Id

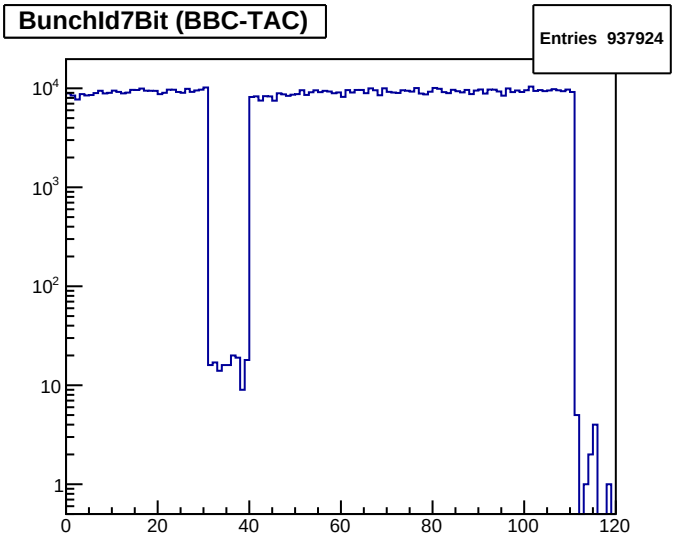

EM201E102JPId
Entries 0
simu
data

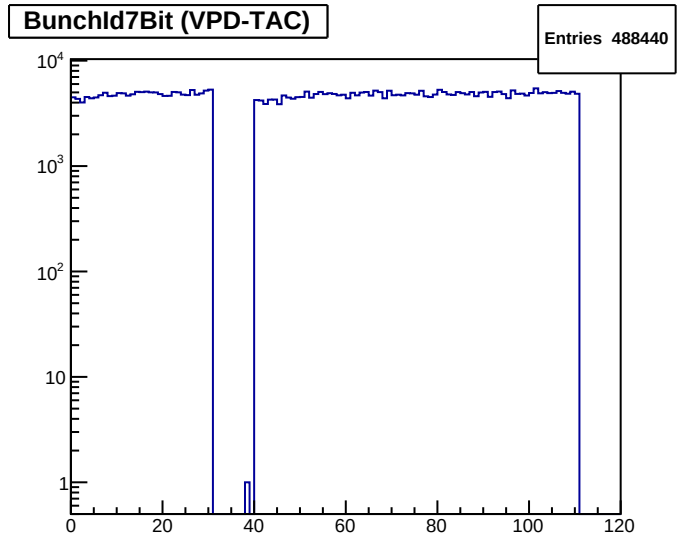

EM201E102Bits
Entries 7099125
30574
29355
32018
7838
3536
1.38925e+06
1.39047e+06
1.38781e+06
1.41199e+06
1.41629e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

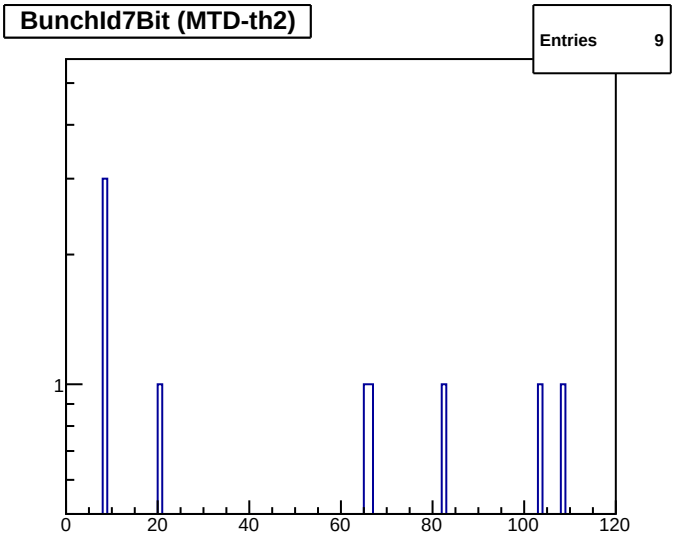

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

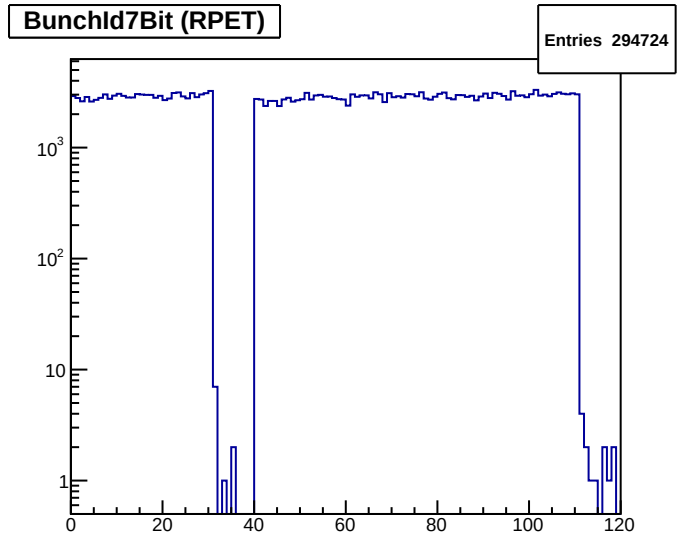

BunchId7Bit (BHT2)
Entries 26867

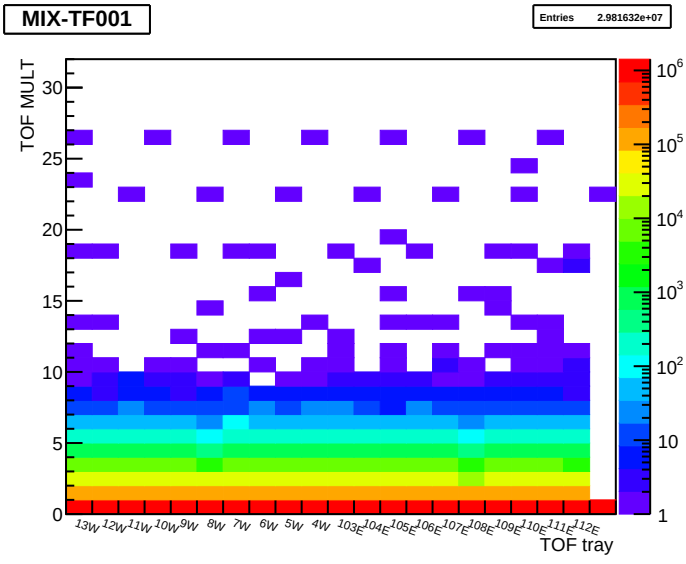

BunchId7Bit (JP2)
Entries 42580

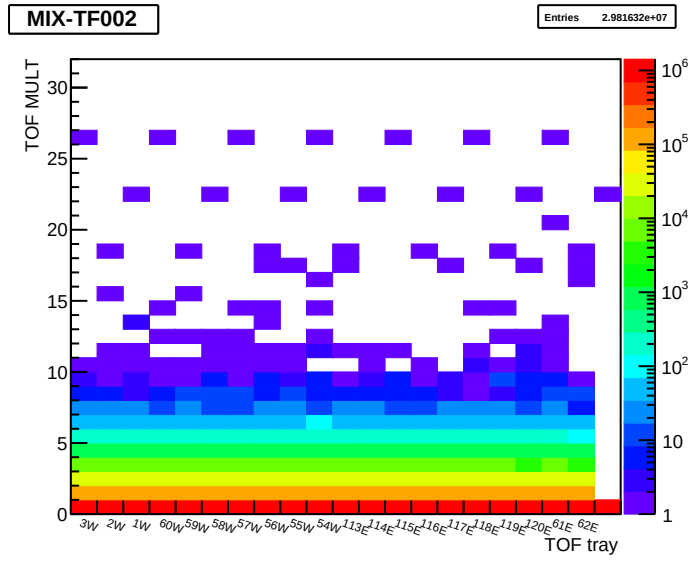

BunchId7Bit (BBC-TAC)
Entries 937924

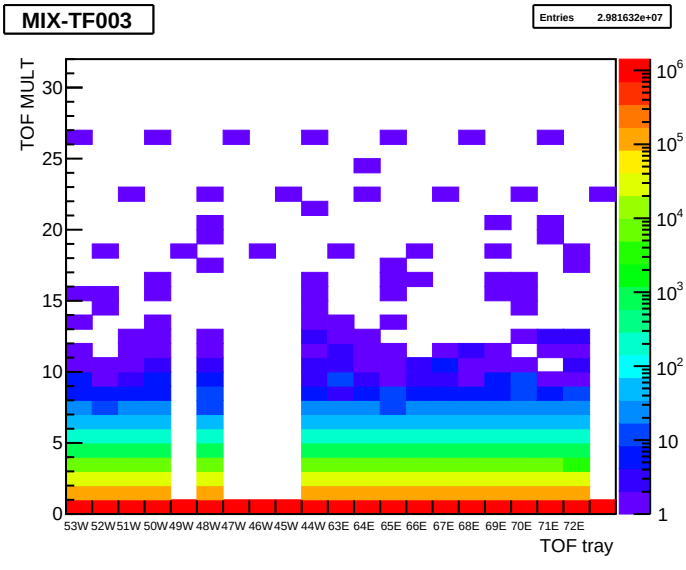

BunchId7Bit (VPD-TAC)
Entries 488440

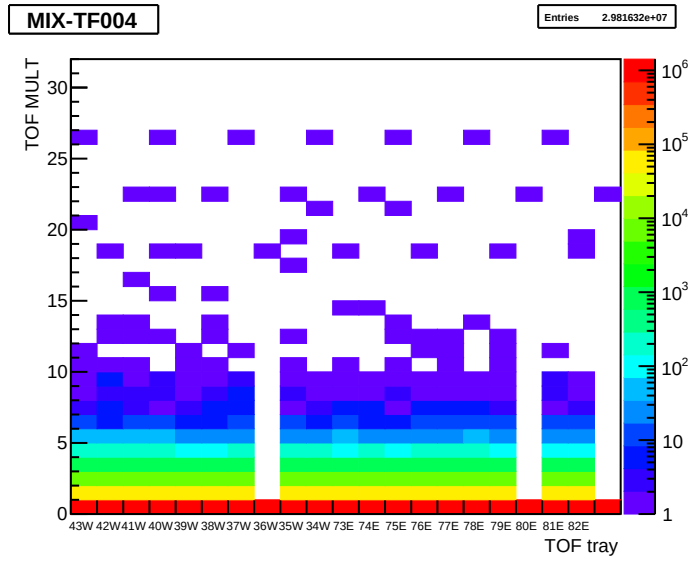

BunchId7Bit (MTD-th2)
Entries 9

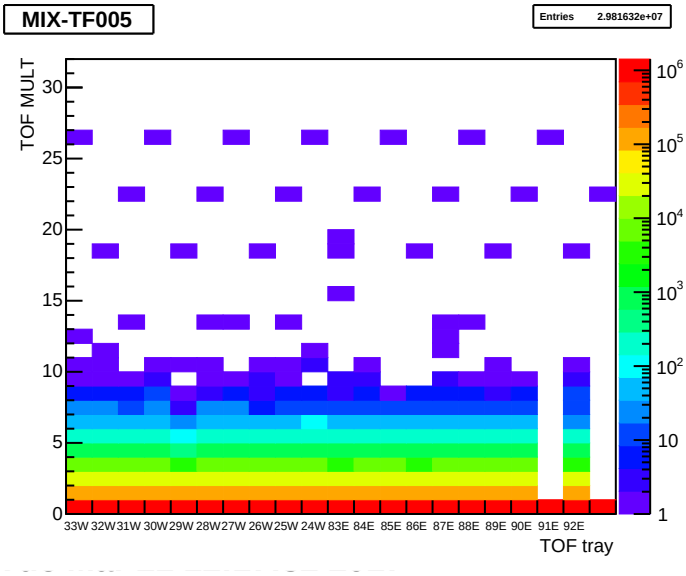

BunchId7Bit (RPET)
Entries 294724

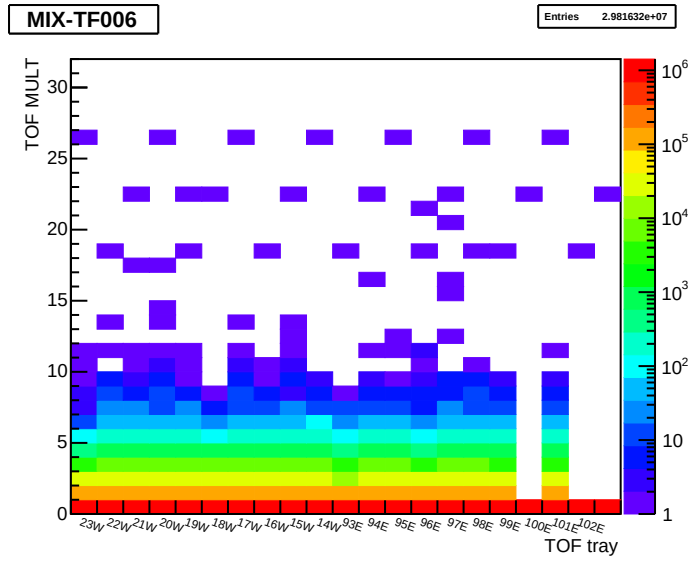

MIX-TF001
Entries 2.981632e+07
TOF MULT
TOF tray

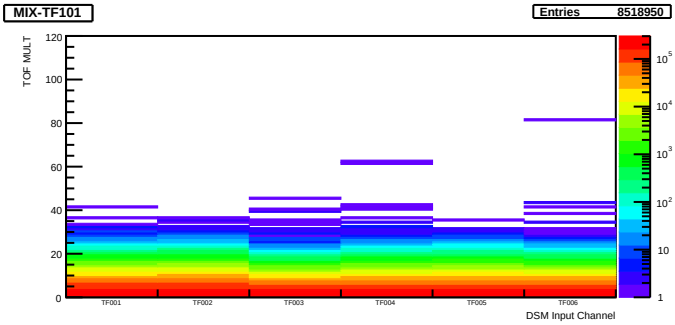

MIX-TF002
Entries 2.981632e+07
TOF MULT
TOF tray

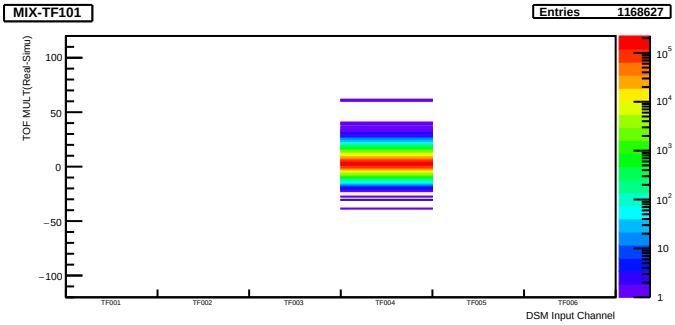

MIX-TF003
Entries 2.981632e+07
TOF MULT
TOF tray

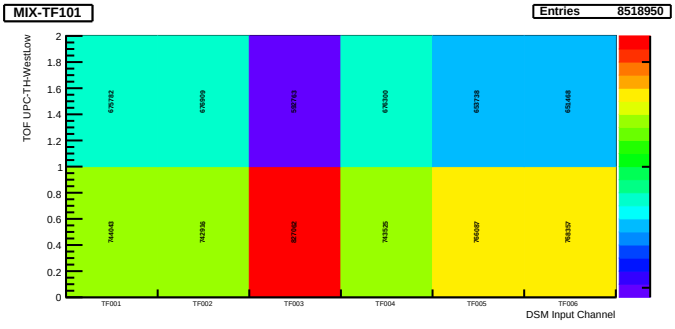

MIX-TF004
Entries 2.981632e+07
TOF MULT
TOF tray

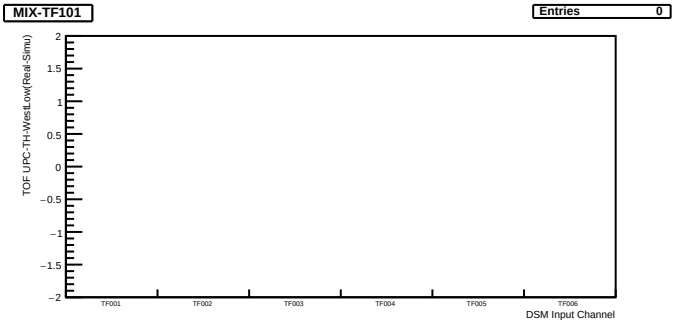

MIX-TF005
Entries 2.981632e+07
TOF MULT
TOF tray

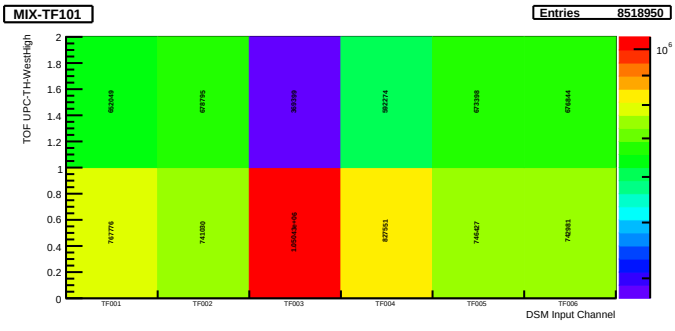

MIX-TF006
Entries 2.981632e+07
TOF MULT
TOF tray

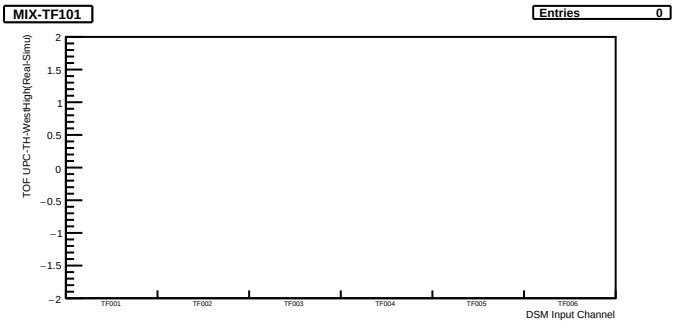

MIX-TF101
Entries 8518950
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

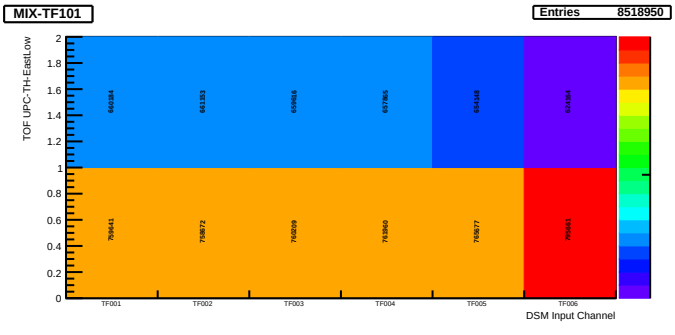

MIX-TF101
Entries 1168627
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

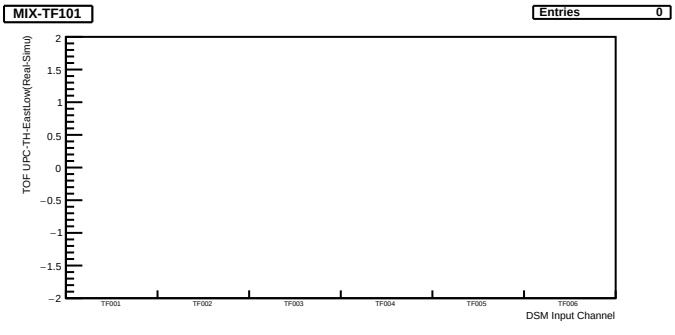

MIX-TF101
Entries 8518950
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

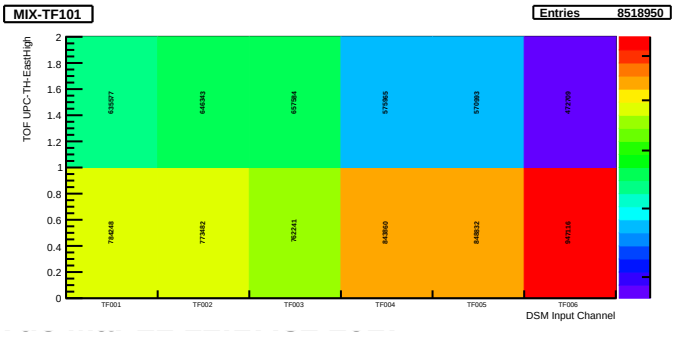

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

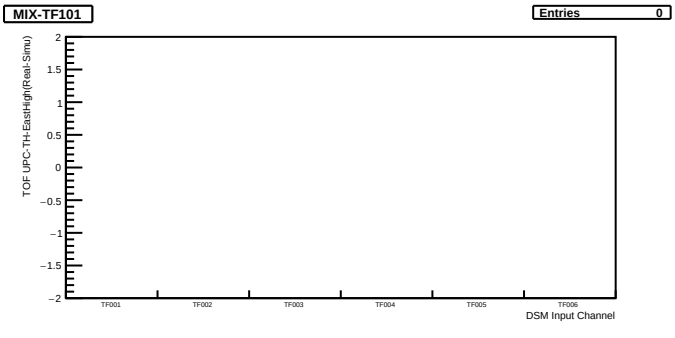

MIX-TF101
Entries 8518950
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

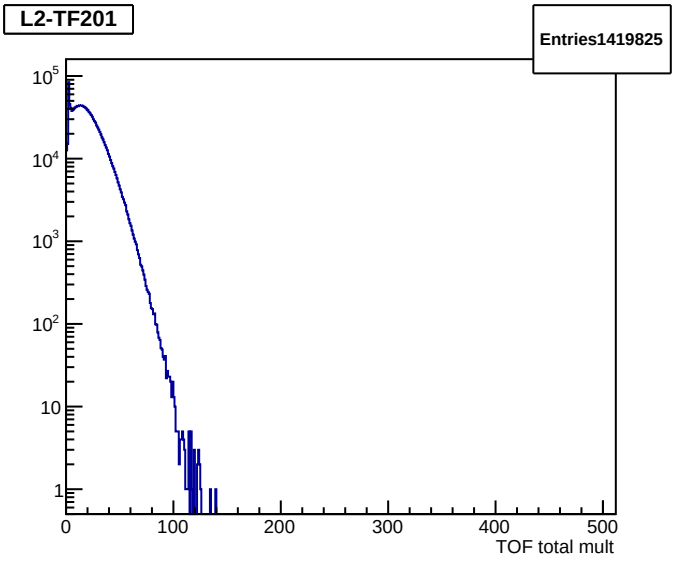

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

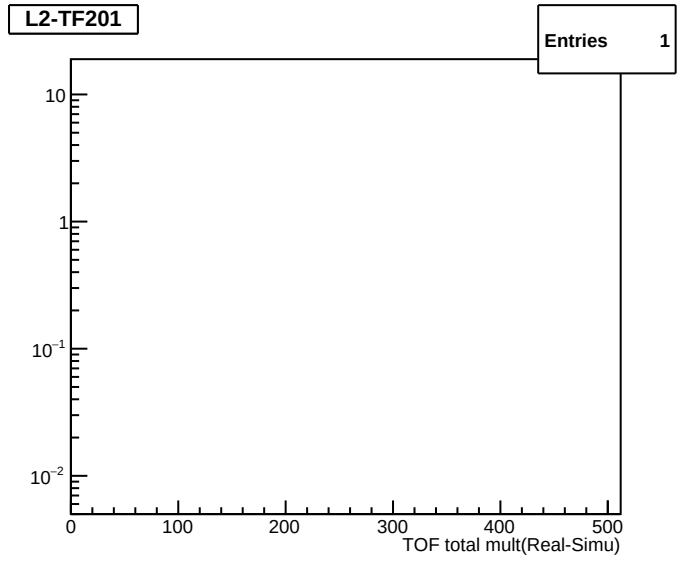

MIX-TF101
Entries 8518950
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

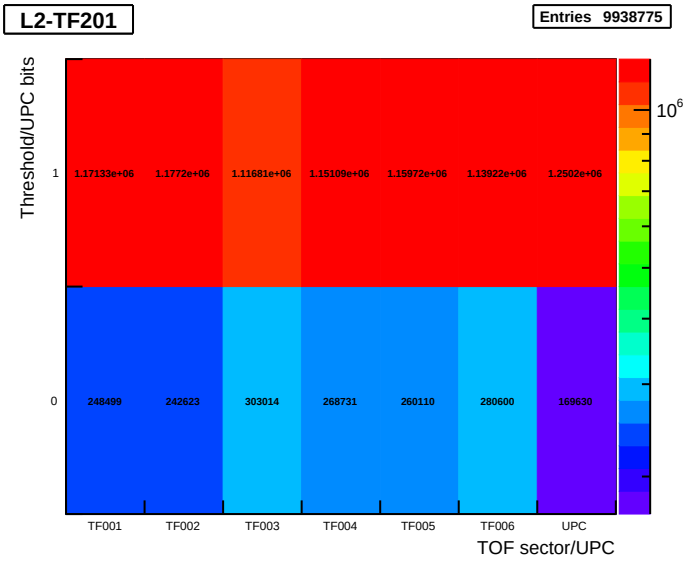

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

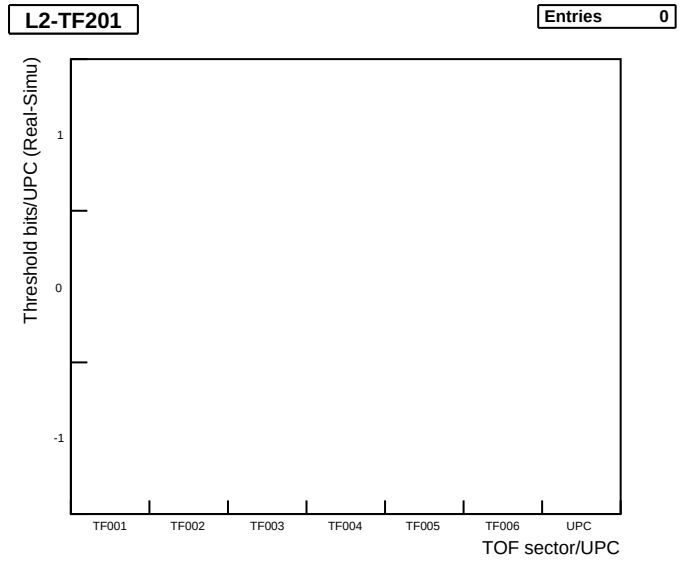

MIX-TF101
Entries 8518950
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

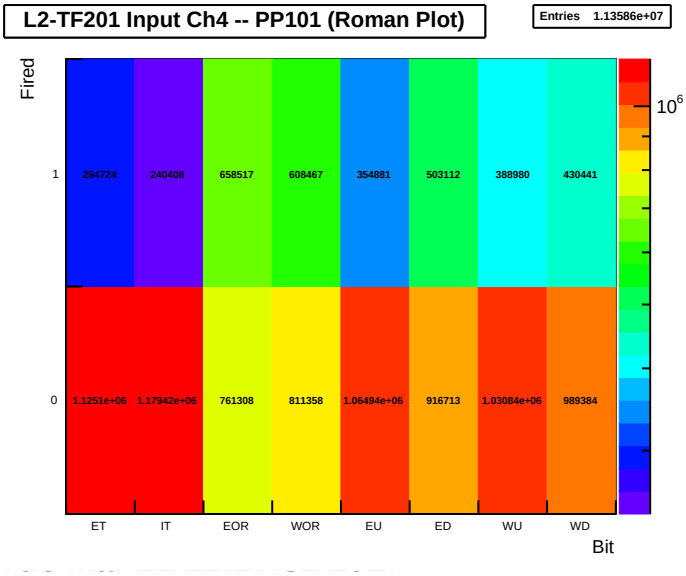

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

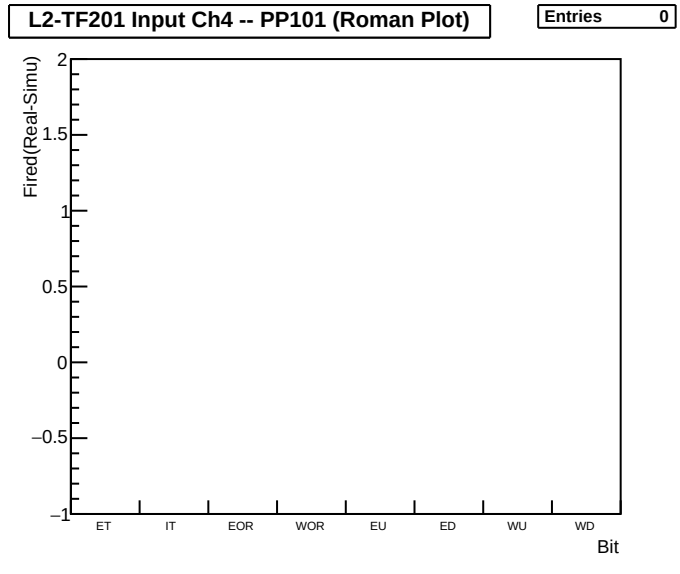

L2-TF201
Entries1419825
TOF total mult

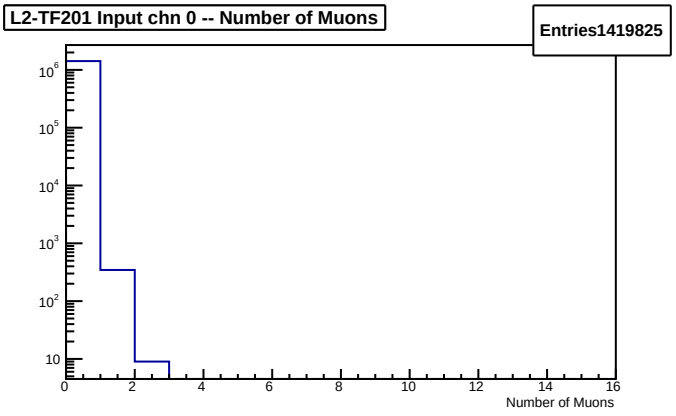

L2-TF201
Entries 1
TOF total mult(Real-Simu)

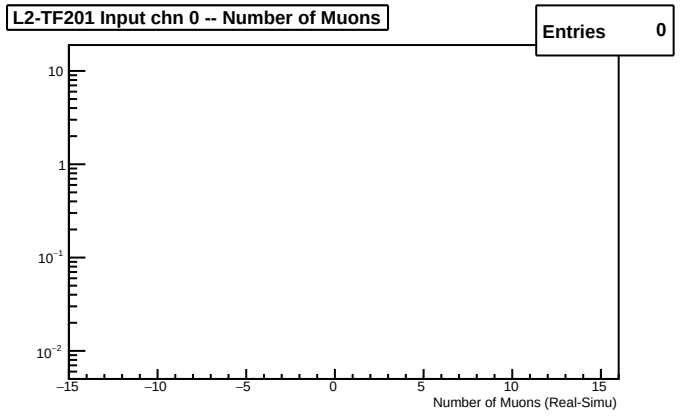

L2-TF201
Entries 9938775
Threshold/UPC bits
1.17133e+06
1.1772e+06
1.11681e+06
1.15109e+06
1.15972e+06
1.13922e+06
1.2502e+06
248499
242623
303014
268731
260110
280600
169630
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

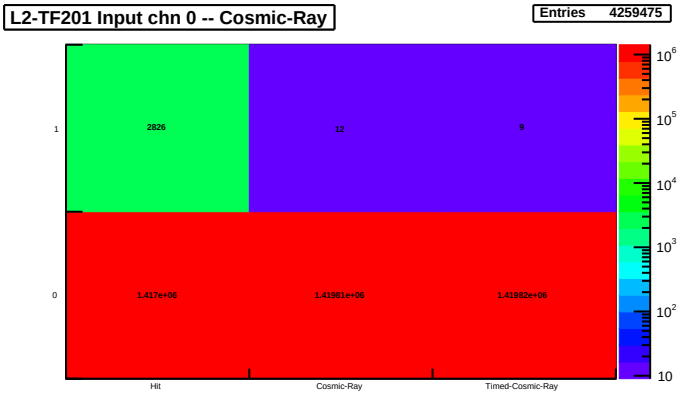

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

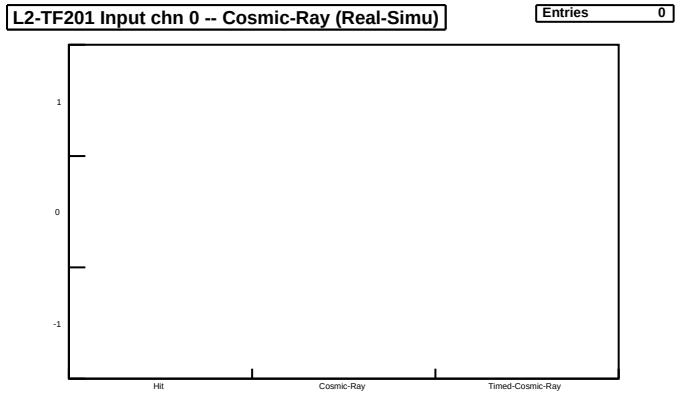

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.13586e+07
Fired
294724
240408
658517
608467
354881
503112
388980
430441
1.1251e+06
1.17942e+06
761308
811358
1.06494e+06
916713
1.03084e+06
989384
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

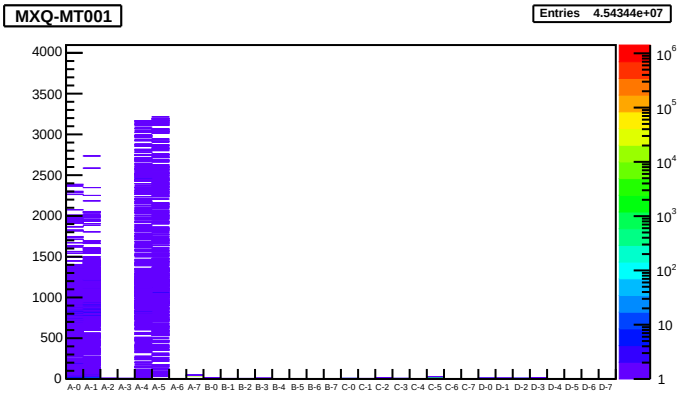

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

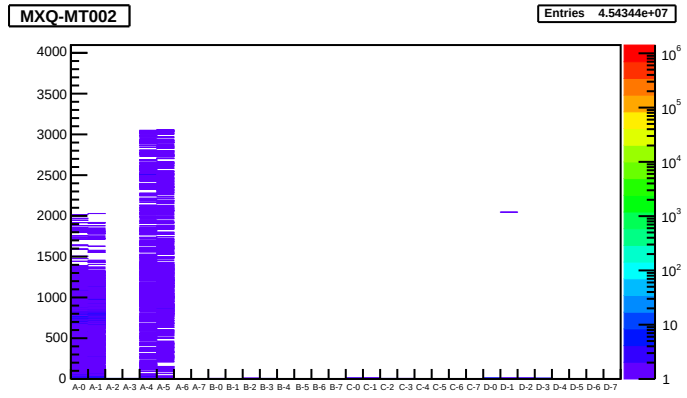

L2-TF201 Input chn 0 -- Number of Muons
Entries1419825
Number of Muons

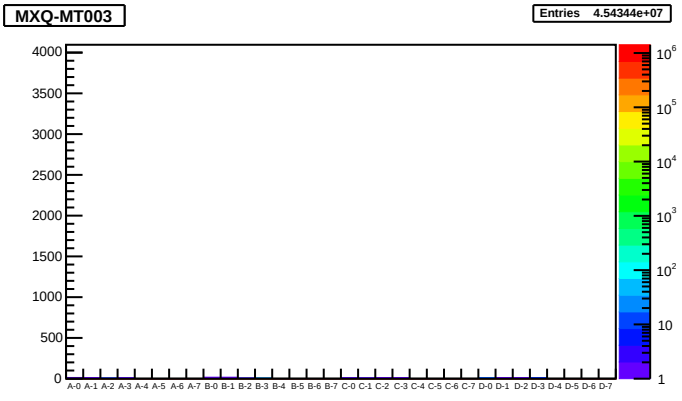

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

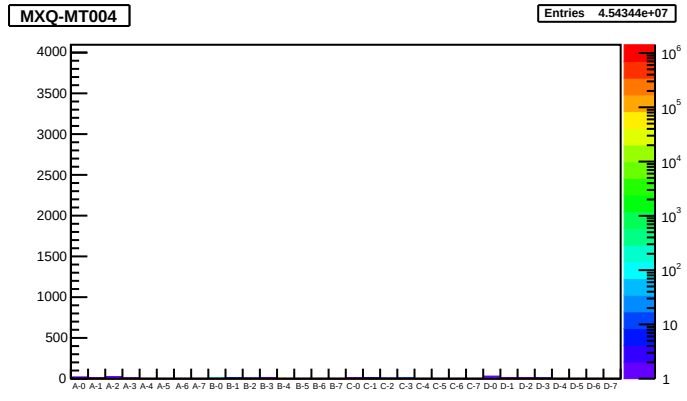

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4259475
2826
12
9
1.417e+06
1.41981e+06
1.41982e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

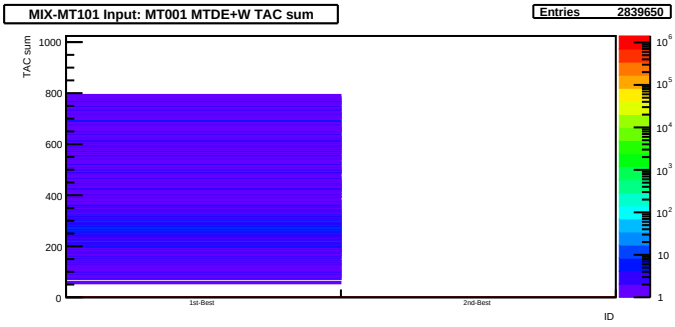

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

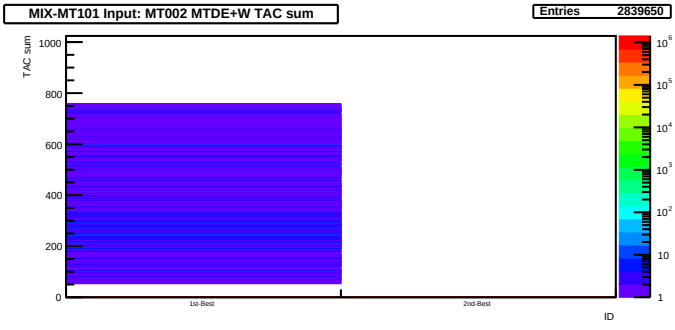

MXQ-MT001
Entries 4.54344e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

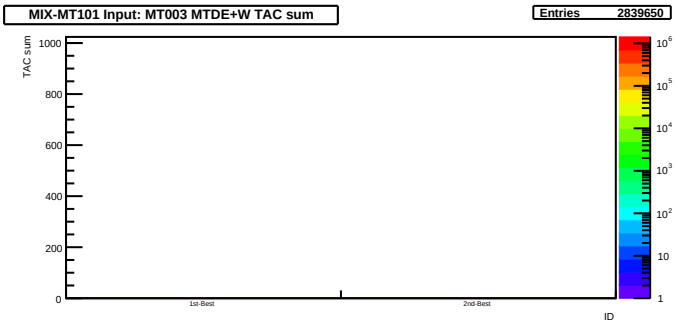

MXQ-MT002
Entries 4.54344e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

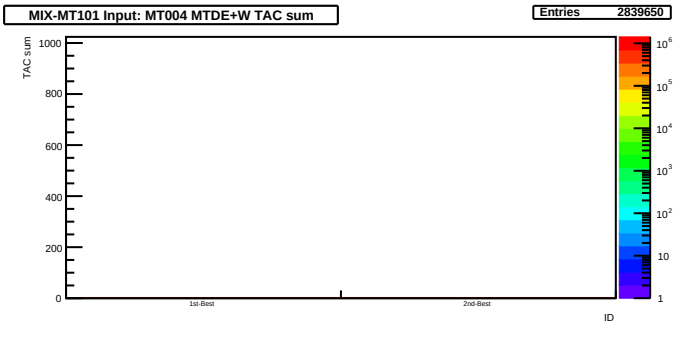

MXQ-MT003
Entries 4.54344e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

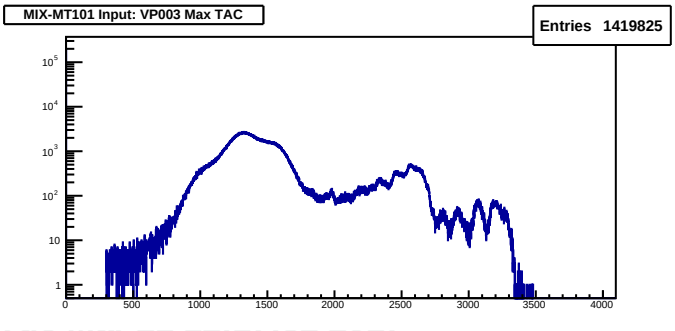

MXQ-MT004
Entries 4.54344e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

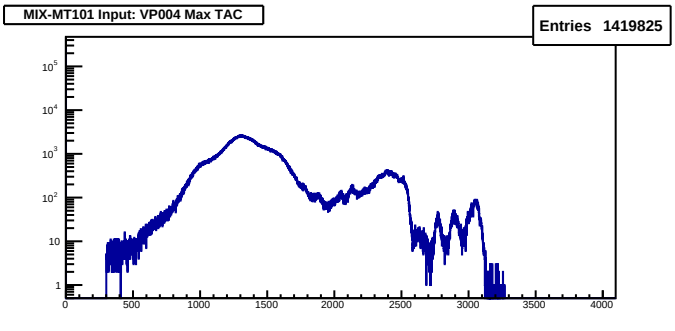

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2839650
TAC sum
1st-Best
2nd-Best
ID

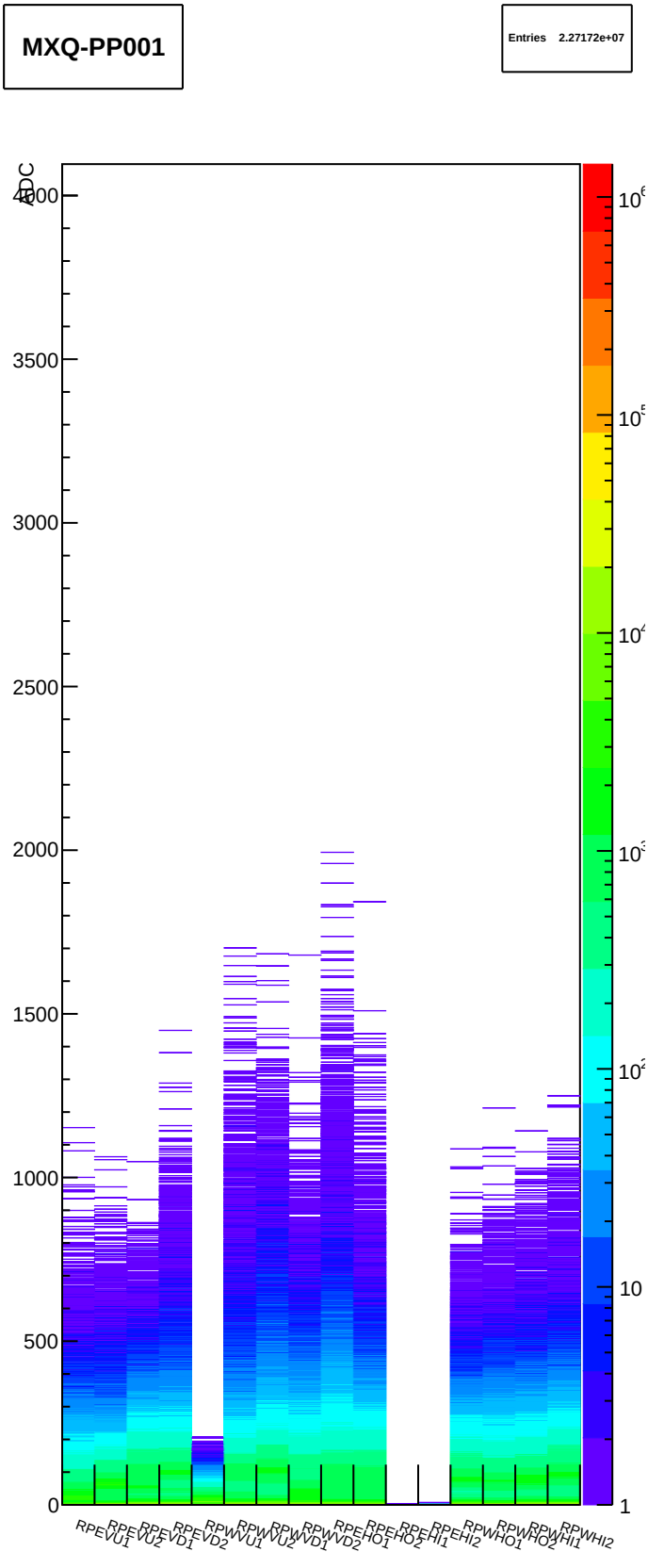

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2839650
TAC sum
1st-Best
2nd-Best
ID

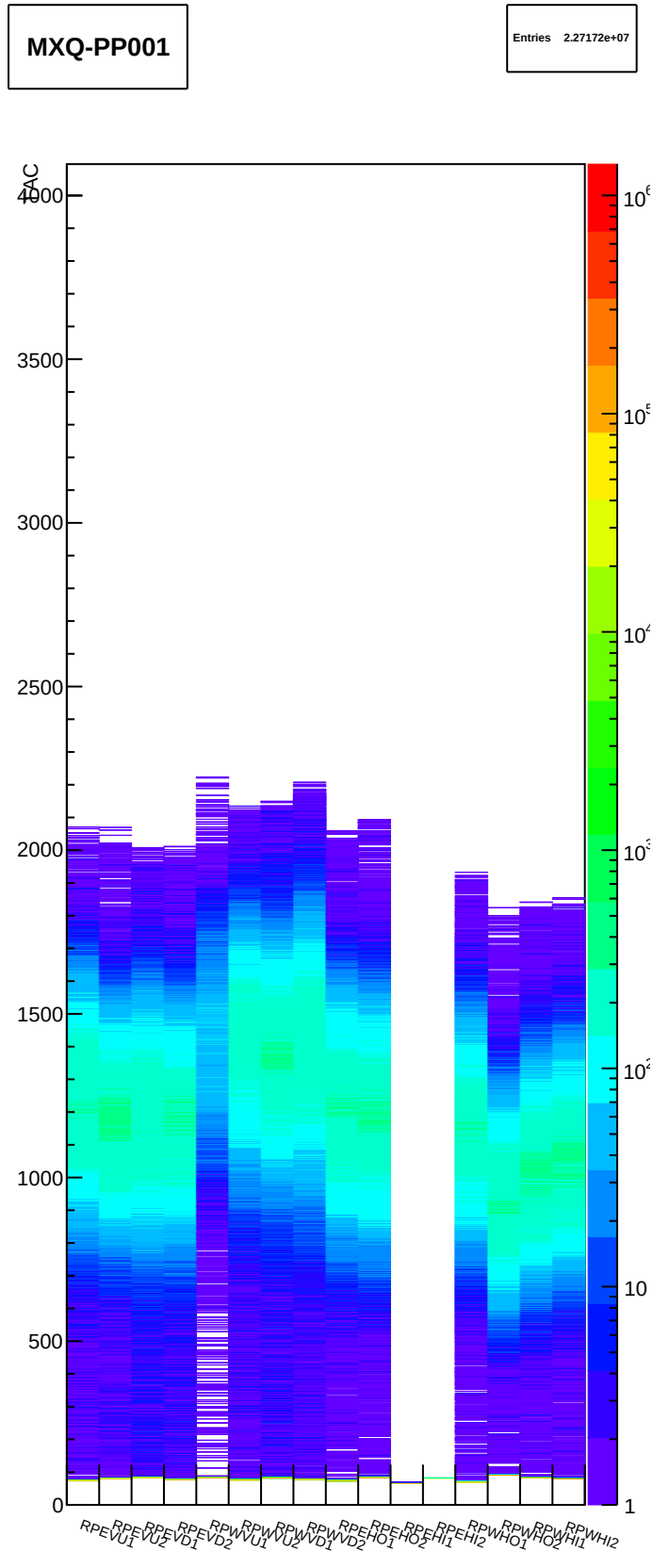

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2839650
TAC sum
1st-Best
2nd-Best
ID

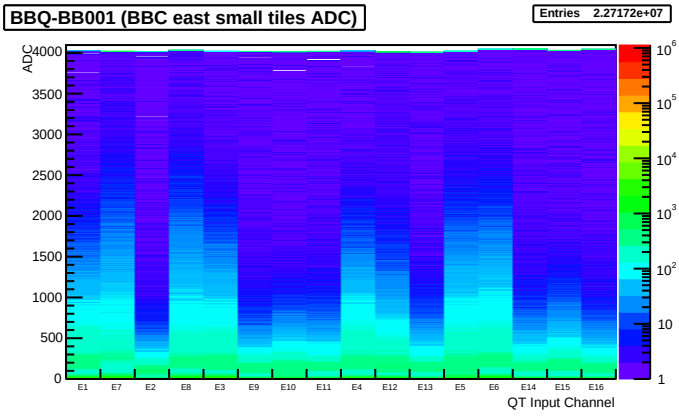

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2839650
TAC sum
1st-Best
2nd-Best
ID

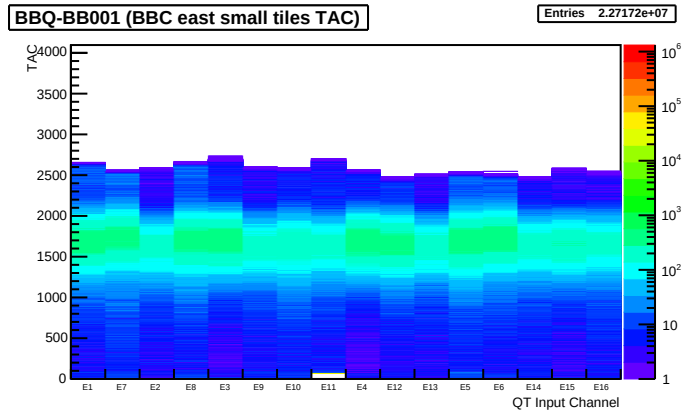

MIX-MT101 Input: VP003 Max TAC
Entries 1419825

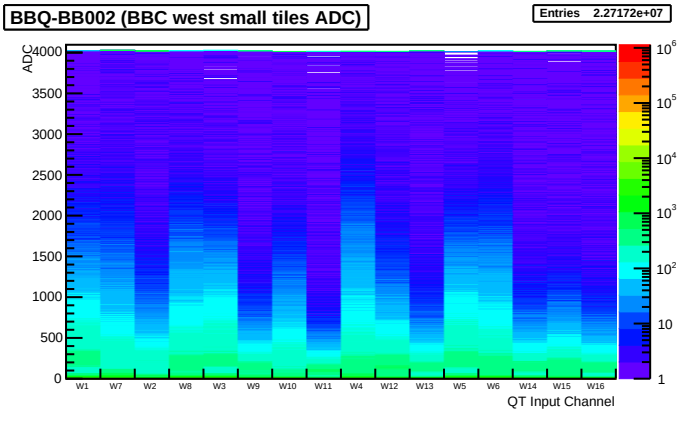

MIX-MT101 Input: VP004 Max TAC
Entries 1419825

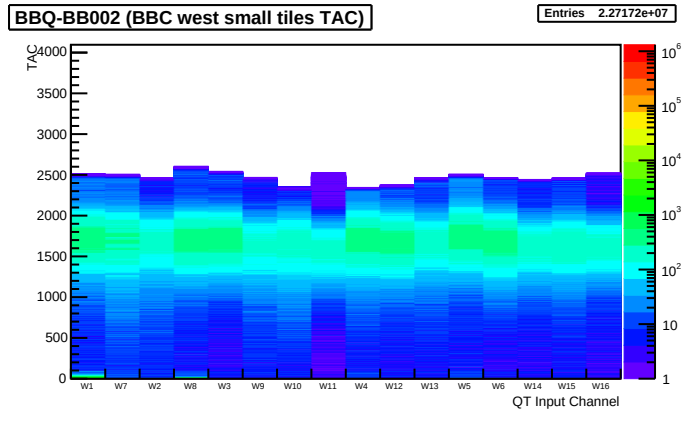

MXQ-PP001
Entries 2.27172e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

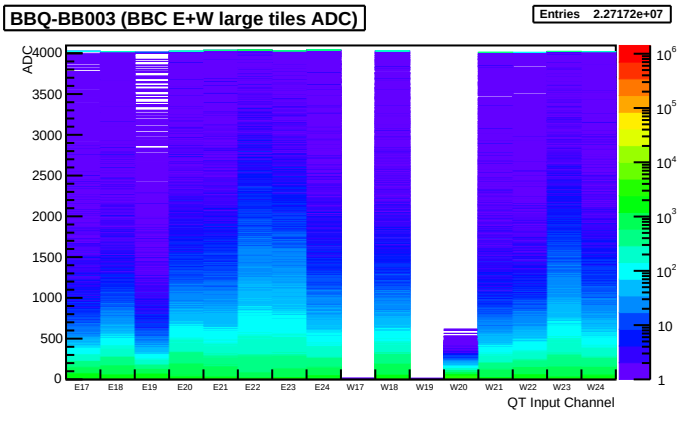

MXQ-PP001
Entries 2.27172e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

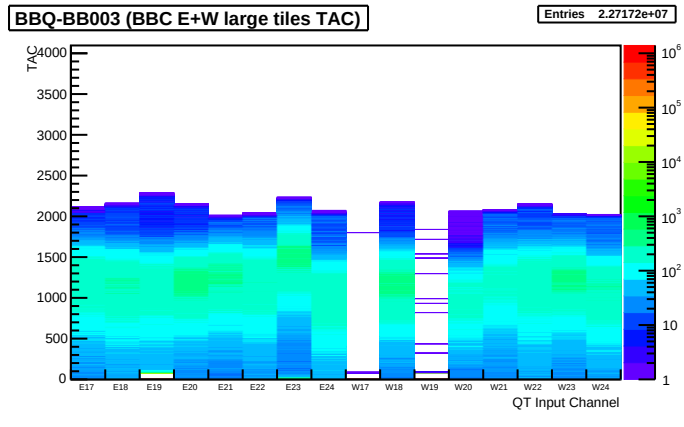

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.27172e+07
ADC
QT Input Channel

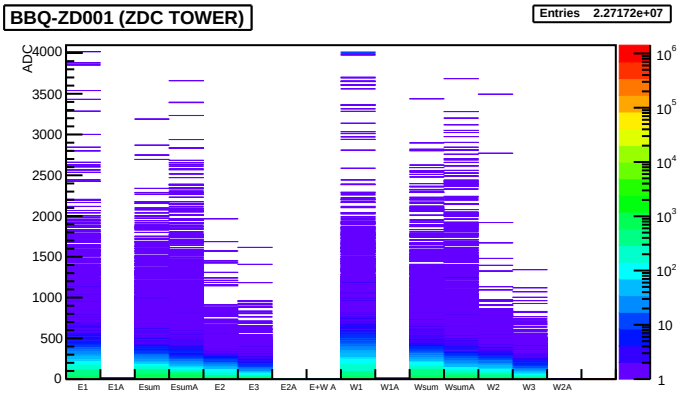

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.27172e+07
TAC
QT Input Channel

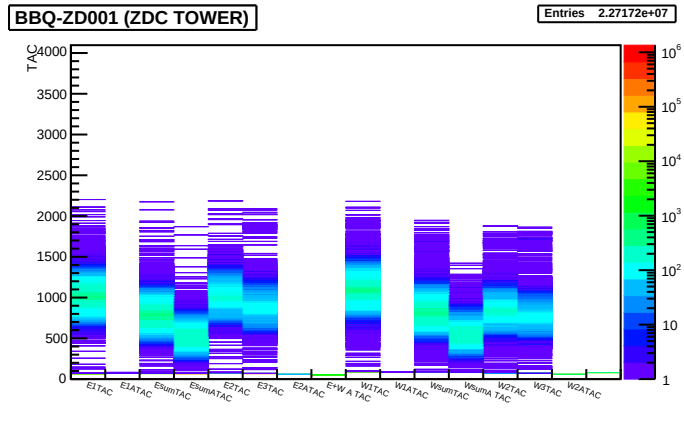

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.27172e+07
ADC
QT Input Channel

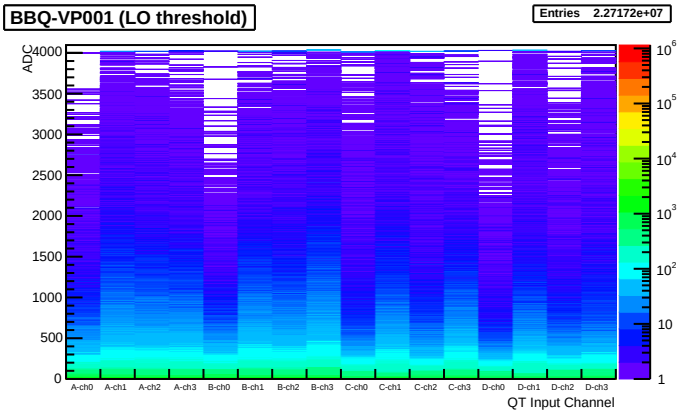

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.27172e+07
TAC
QT Input Channel

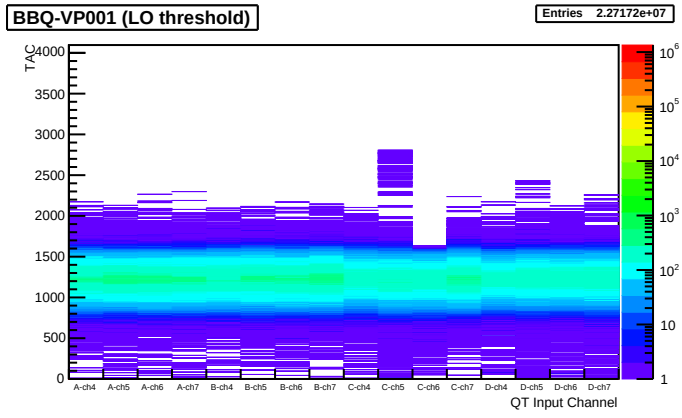

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.27172e+07
ADC
QT Input Channel

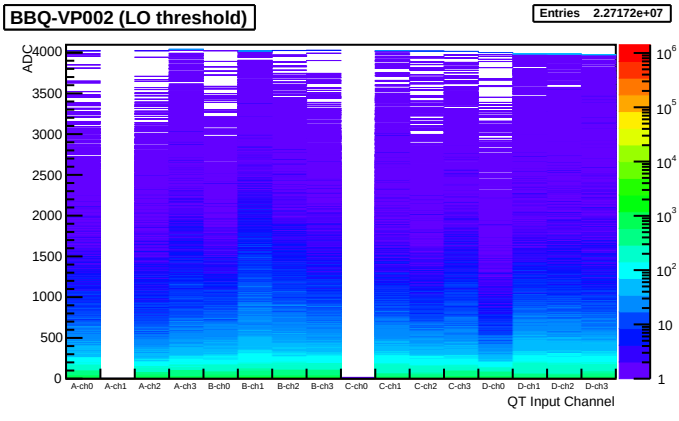

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.27172e+07
TAC
QT Input Channel

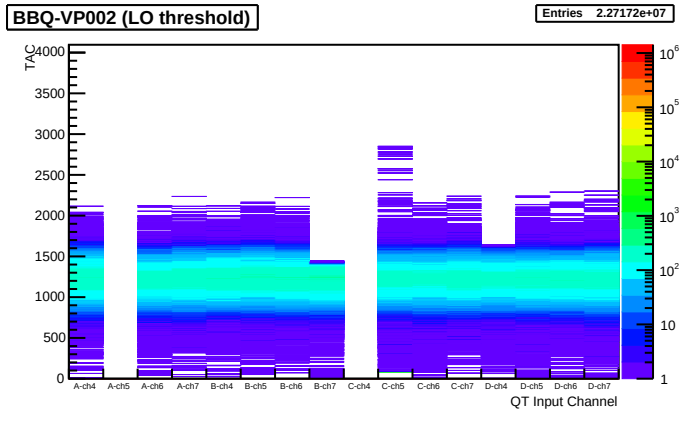

BBQ-ZD001 (ZDC TOWER)
Entries 2.27172e+07
ADC

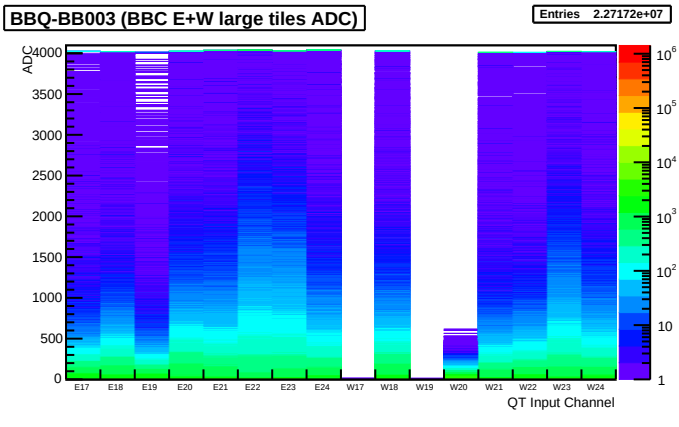

BBQ-ZD001 (ZDC TOWER)
Entries 2.27172e+07
TAC

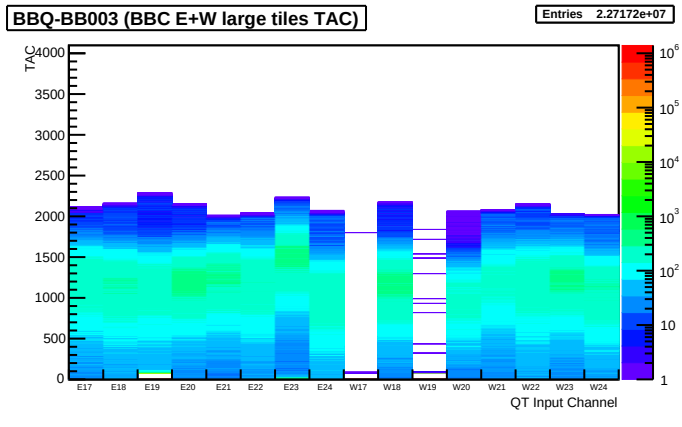

BBQ-VP001 (LO threshold)
Entries 2.27172e+07
ADC
QT Input Channel

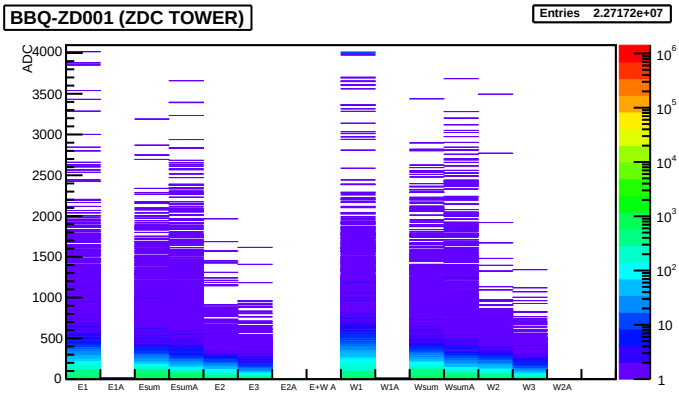

BBQ-VP001 (LO threshold)
Entries 2.27172e+07
TAC
QT Input Channel

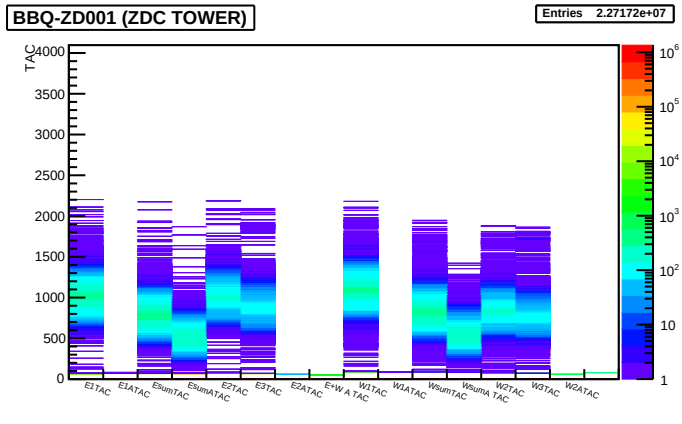

BBQ-VP002 (LO threshold)
Entries 2.27172e+07
ADC
QT Input Channel

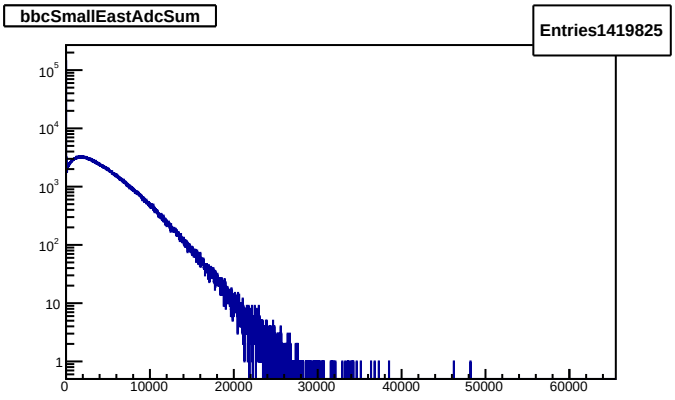

BBQ-VP002 (LO threshold)
Entries 2.27172e+07
TAC
QT Input Channel

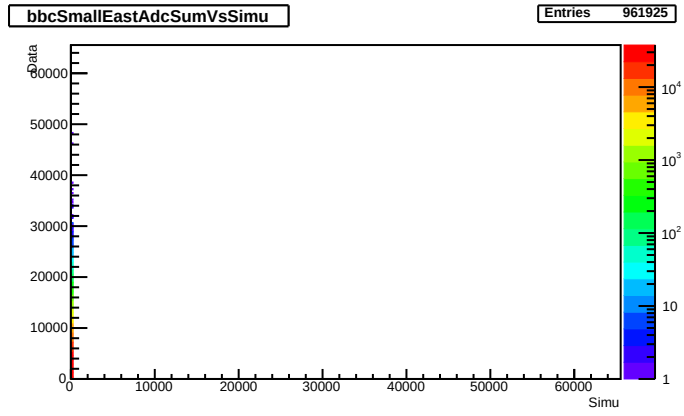

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.27172e+07
ADC
QT Input Channel

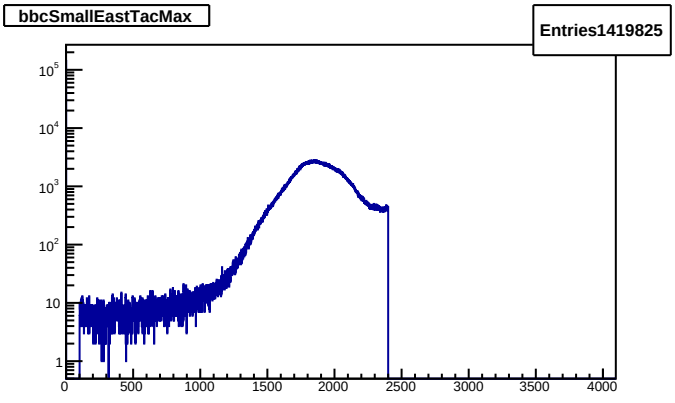

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.27172e+07
TAC
QT Input Channel

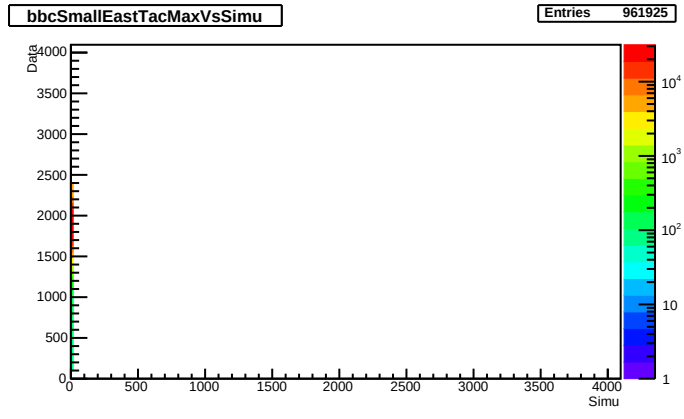

BBQ-ZD001 (ZDC TOWER)
Entries 2.27172e+07
ADC

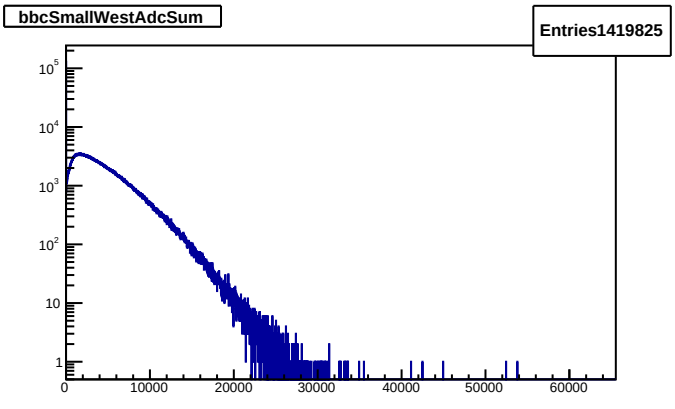

BBQ-ZD001 (ZDC TOWER)
Entries 2.27172e+07
TAC

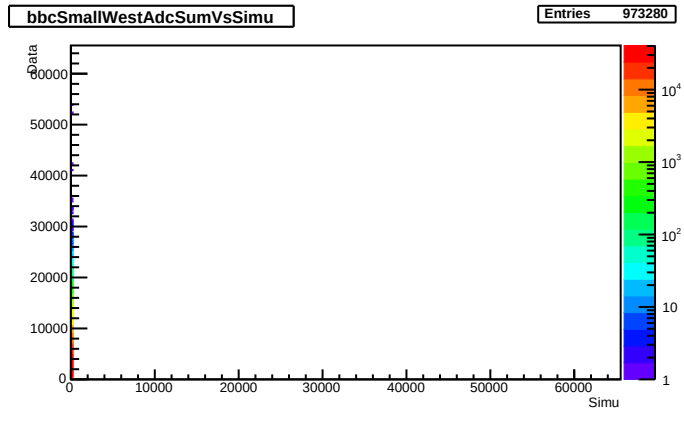

bbcSmallEastAdcSum
Entries1419825

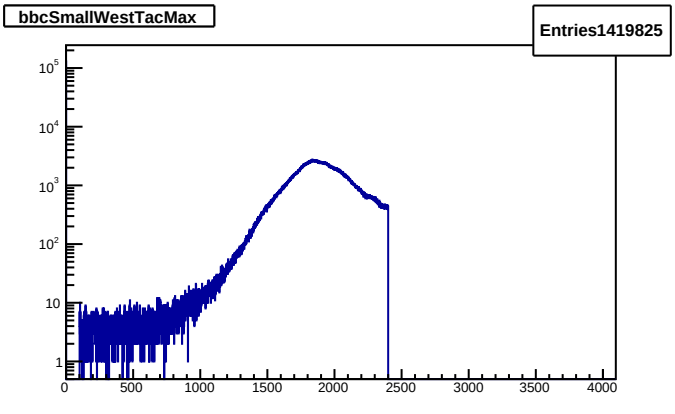

bbcSmallEastAdcSumVsSimu
Entries 961925
Data
Simu

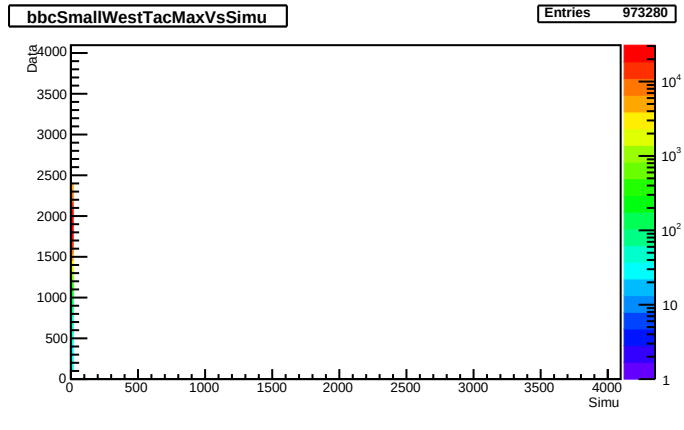

bbcSmallEastTacMax
Entries1419825

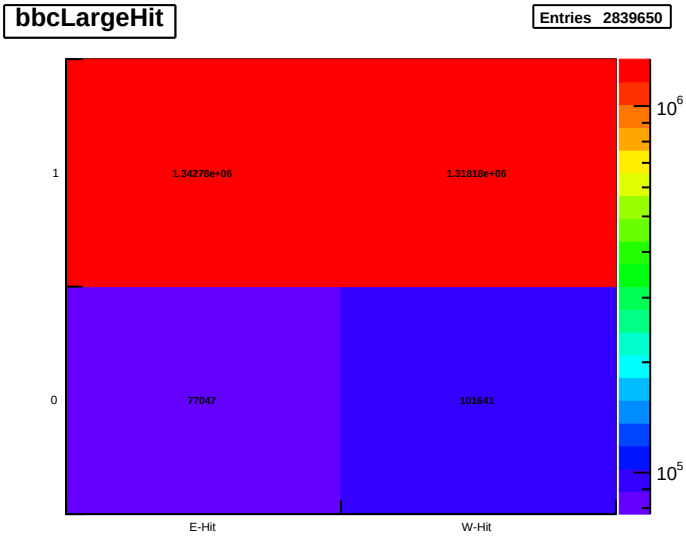

bbcSmallEastTacMaxVsSimu
Entries 961925
Data
Simu

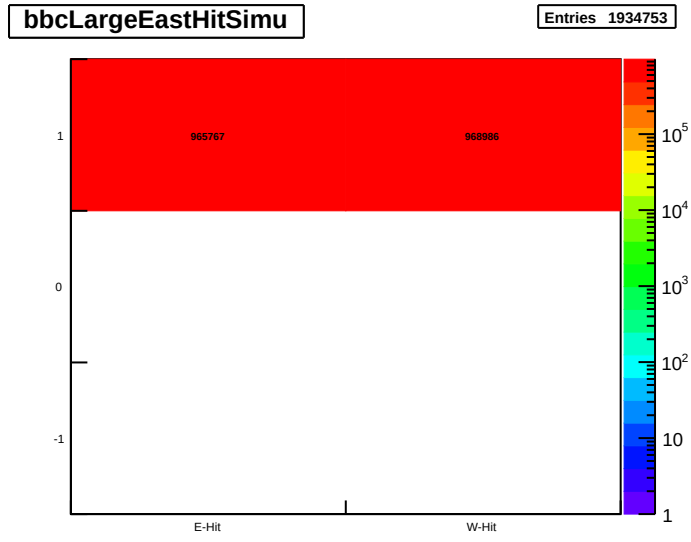

bbcSmallWestAdcSum
Entries1419825

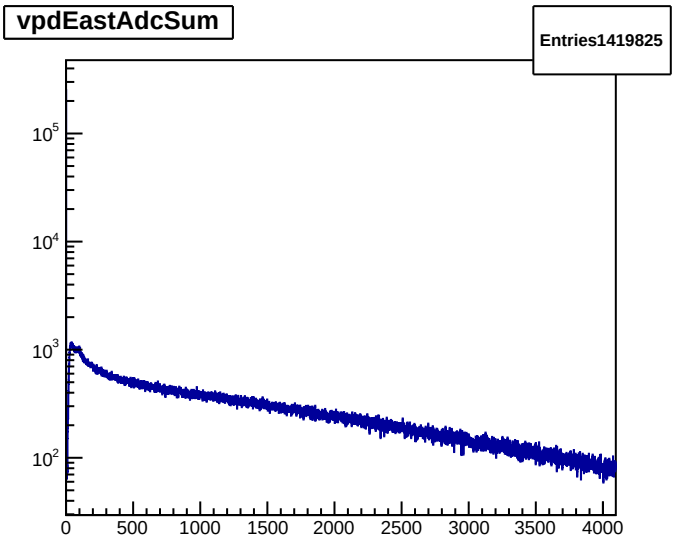

bbcSmallWestAdcSumVsSimu
Entries 973280
Data
Simu

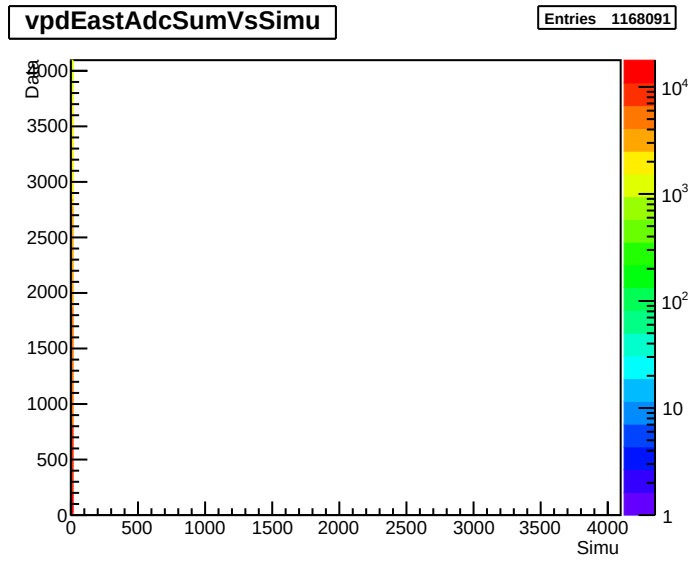

bbcSmallWestTacMax
Entries1419825

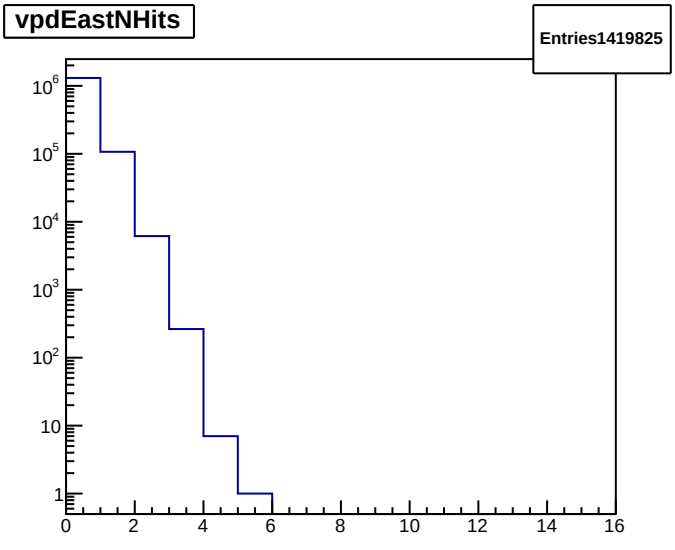

bbcSmallWestTacMaxVsSimu
Entries 973280
Data
Simu

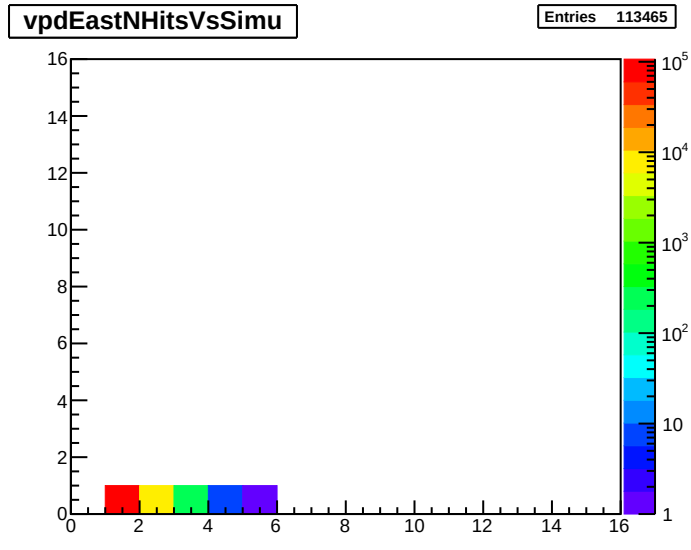

bbcLargeHit
Entries 2839650
1.34278e+06
1.31818e+06
77047
101641
1
0
E-Hit
W-Hit
10^6
10^5

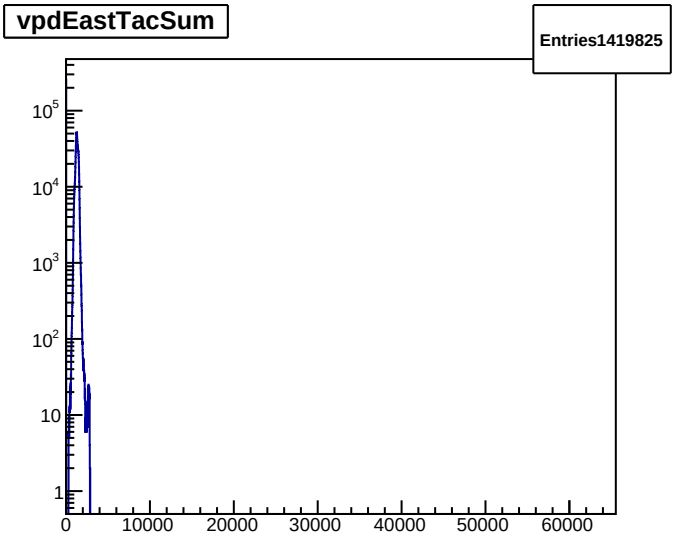

bbcLargeEastHitSimu
Entries 1934753
965767
968986
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

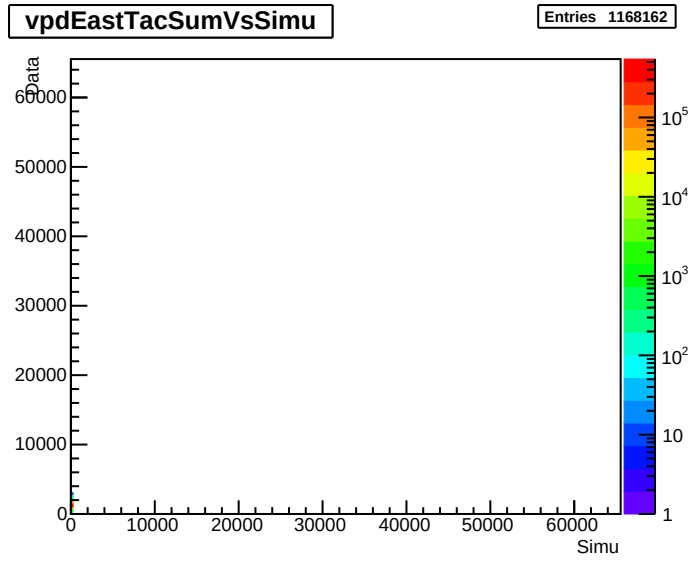

vpdEastAdcSum
Entries1419825

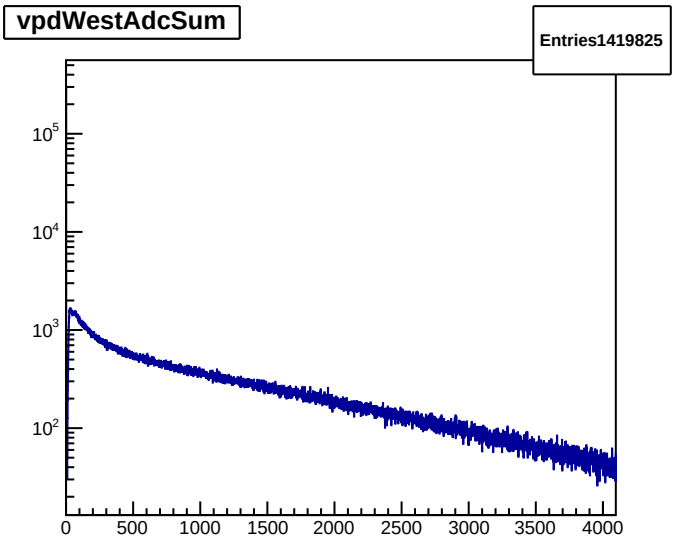

vpdEastAdcSumVsSimu
Entries 1168091
Data
Simu

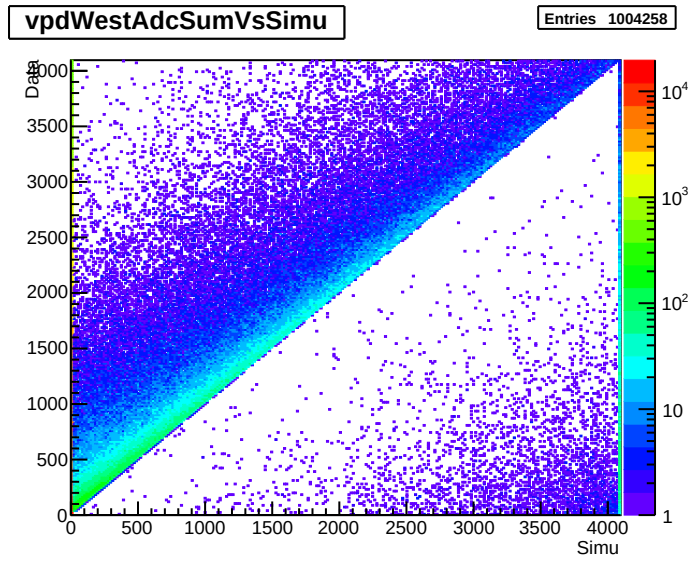

vpdEastNHits
Entries1419825

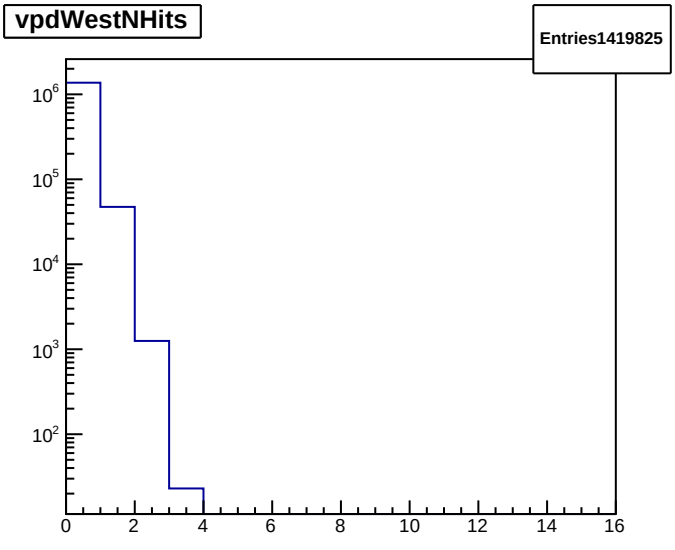

vpdEastNHitsVsSimu
Entries 113465

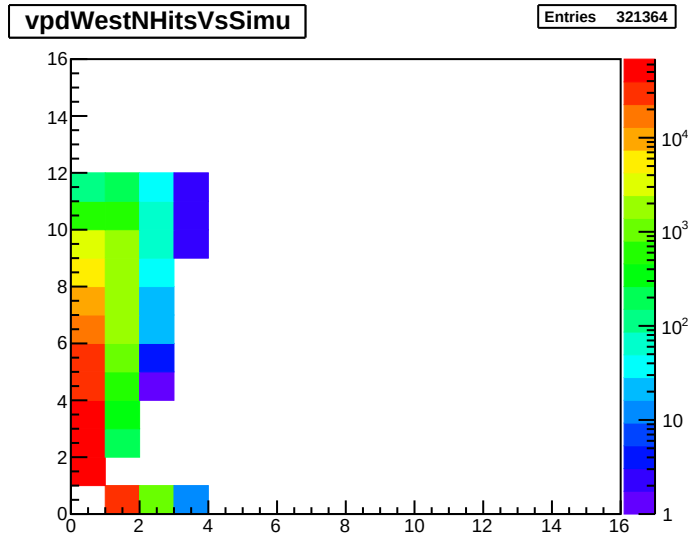

vpdEastTacSum
Entries1419825

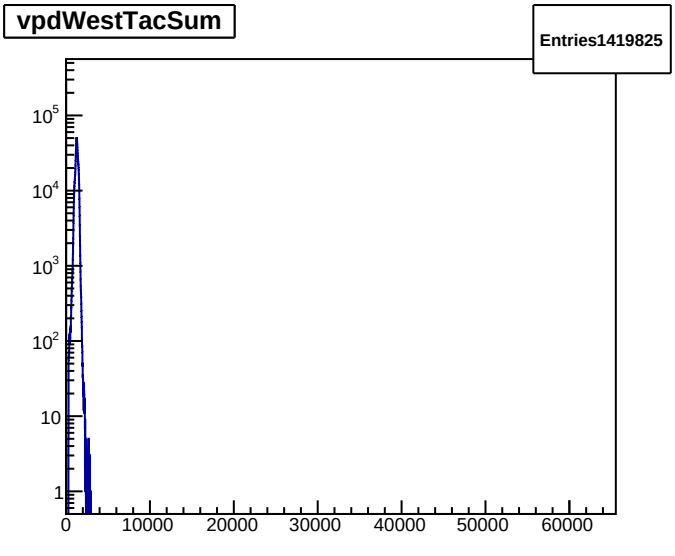

vpdEastTacSumVsSimu
Entries 1168162
Data
Simu

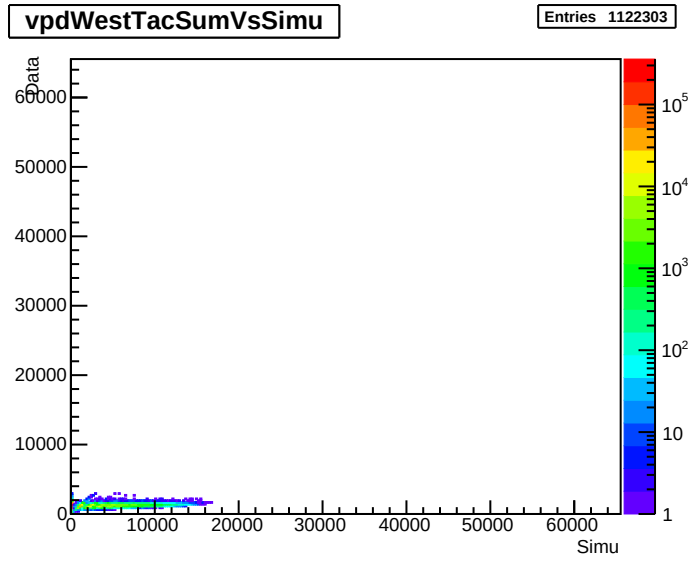

vpdWestAdcSum
Entries1419825

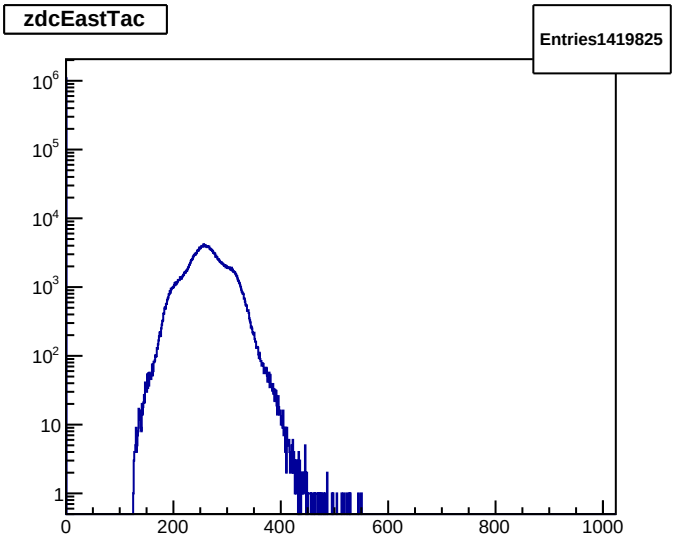

vpdWestAdcSumVsSimu
Entries 1004258
Data
Simu

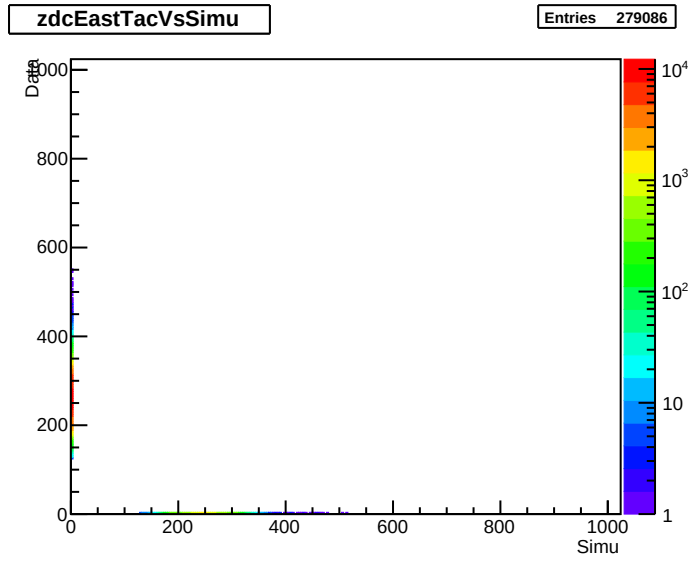

vpdWestNHits
Entries1419825

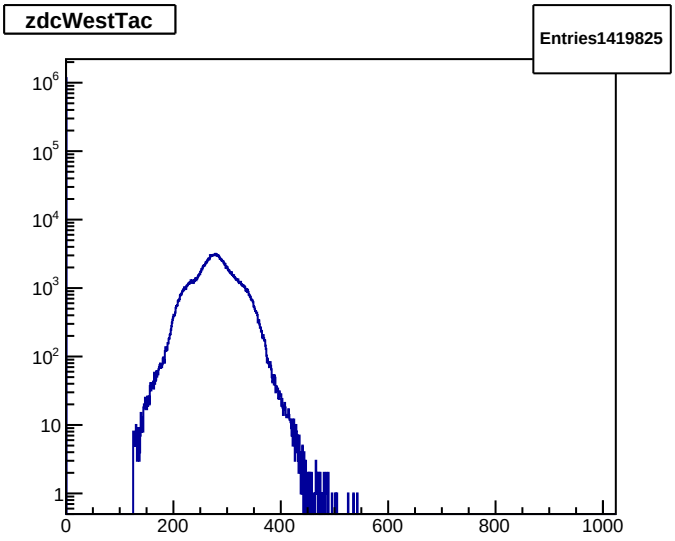

vpdWestNHitsVsSimu
Entries 321364

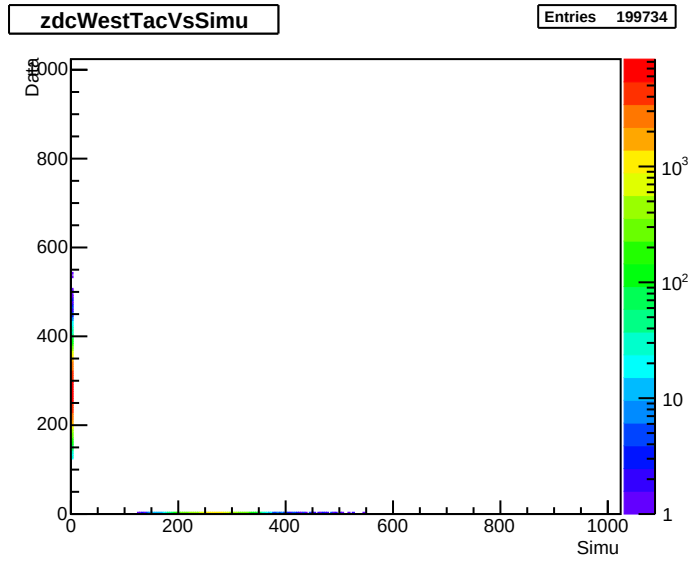

vpdWestTacSum
Entries1419825

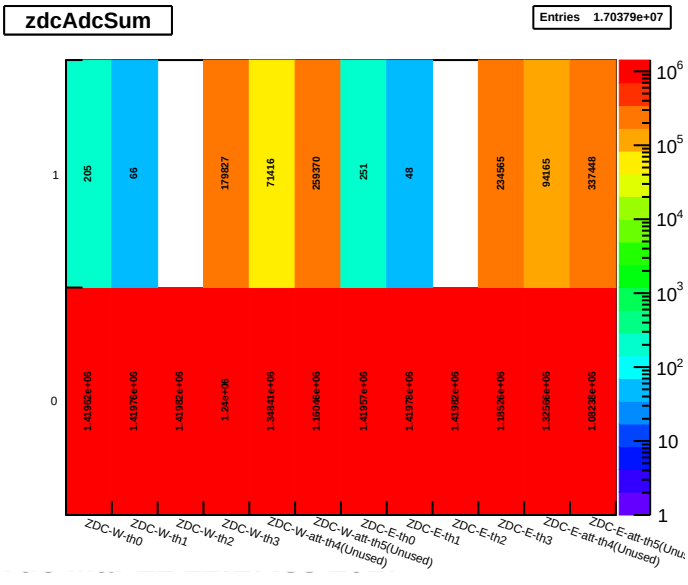

vpdWestTacSumVsSimu
Entries 1122303
Data
Simu

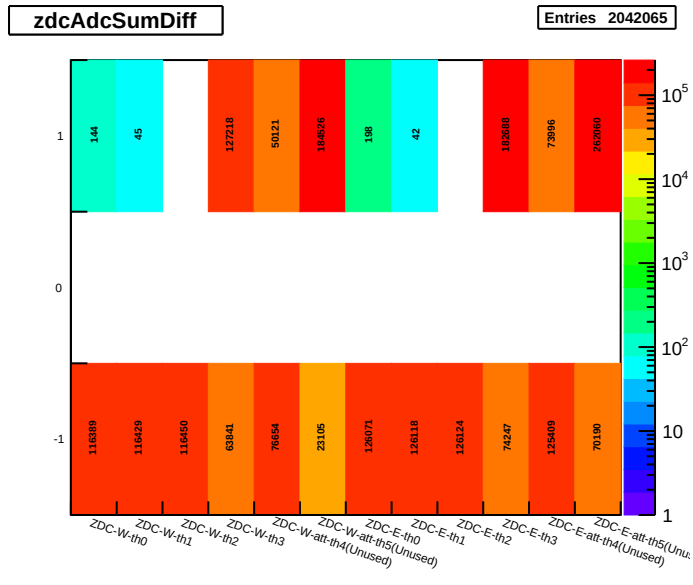

zdcEastTac
Entries1419825

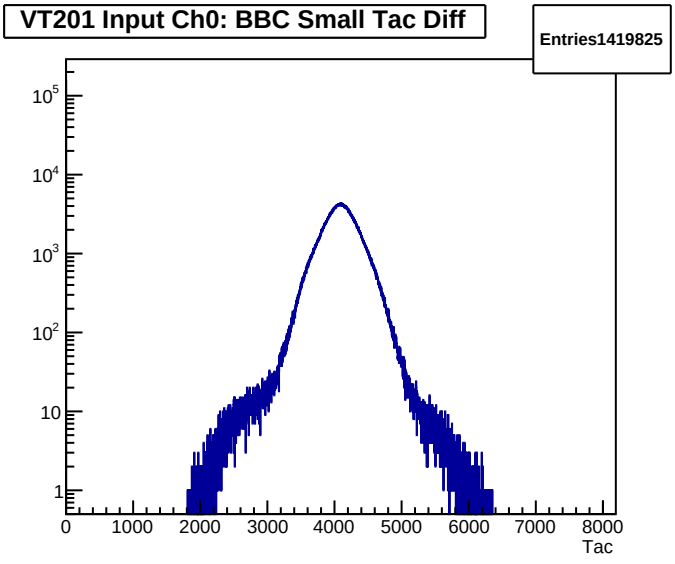

zdcEastTacVsSimu
Entries 279086
Data
Simu

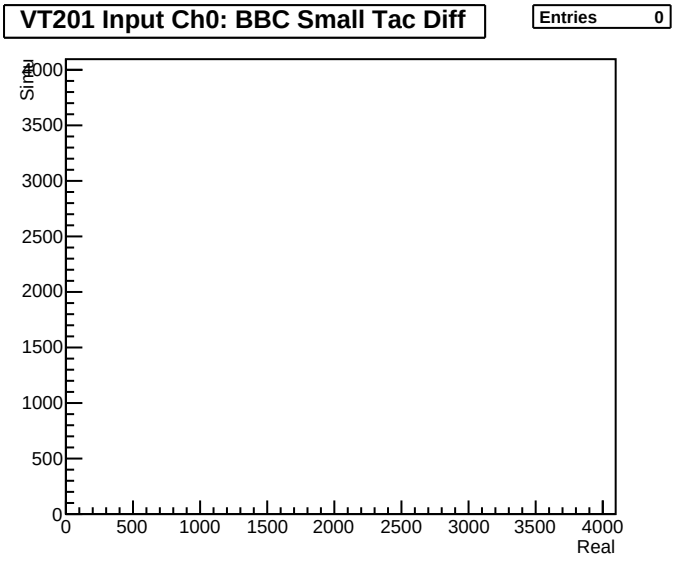

zdcWestTac
Entries1419825

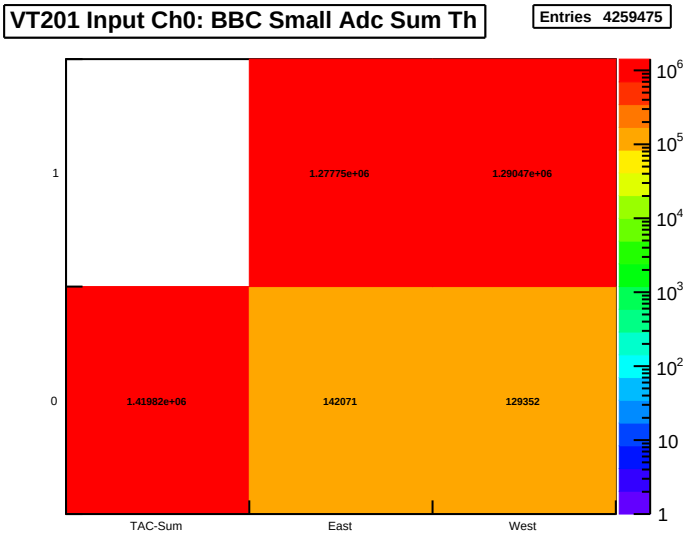

zdcWestTacVsSimu
Entries 199734
Data
Simu

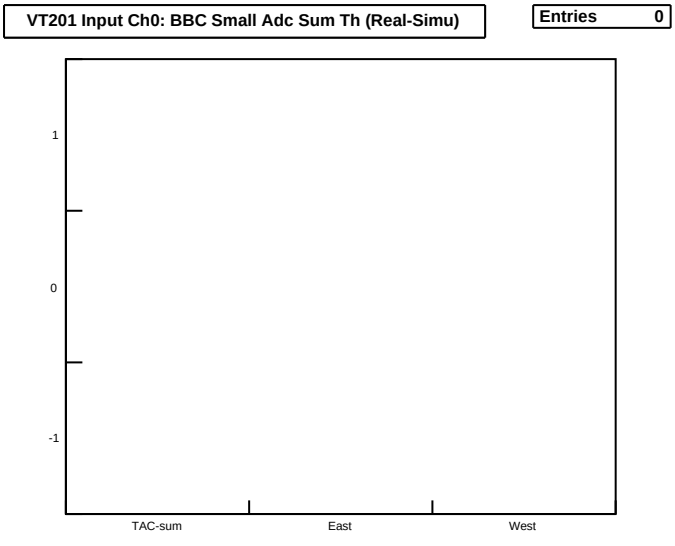

zdcAdcSum
Entries 1.70379e+07
205
66
179827
71416
259370
251
48
234565
94165
337448
1.41962e+06
1.41976e+05
1.41982e+06
1.24e+06
1.34841e+06
1.16046e+05
1.41957e+06
1.41978e+06
1.41982e+05
1.18536e+06
1.32568e+06
1.06238e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

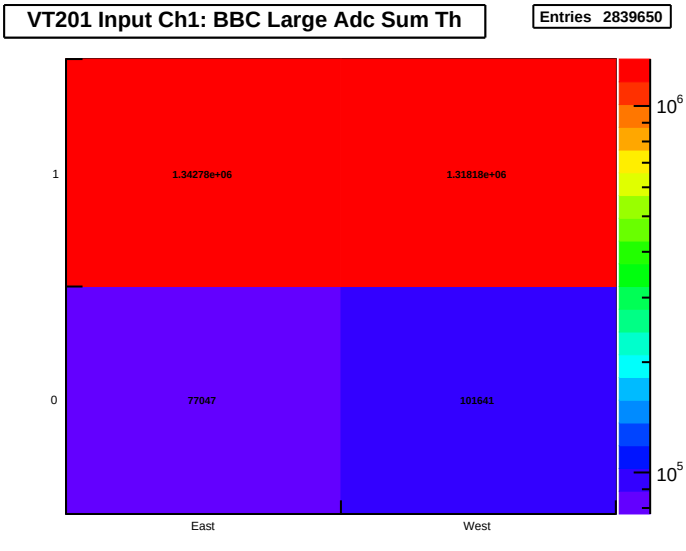

zdcAdcSumDiff
Entries 2042065
144
45
127218
50121
184526
198
42
182688
73996
262060
116389
116429
116450
63841
76654
23105
126071
126118
126124
74247
125409
70190
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

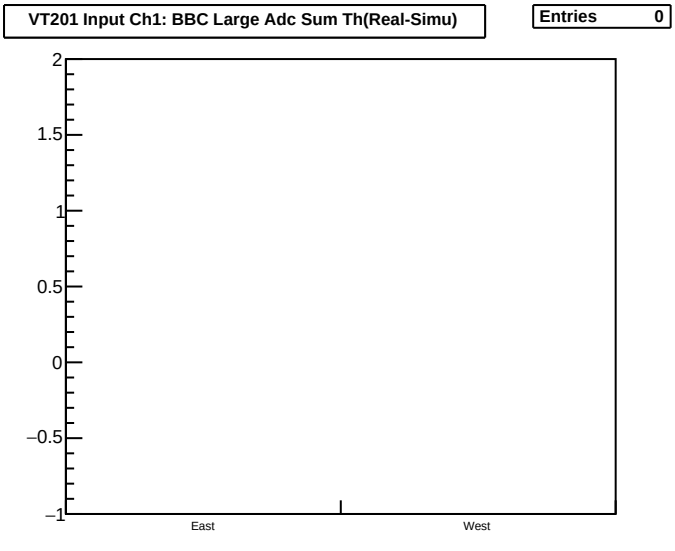

VT201 Input Ch0: BBC Small Tac Diff
Entries1419825
Tac


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

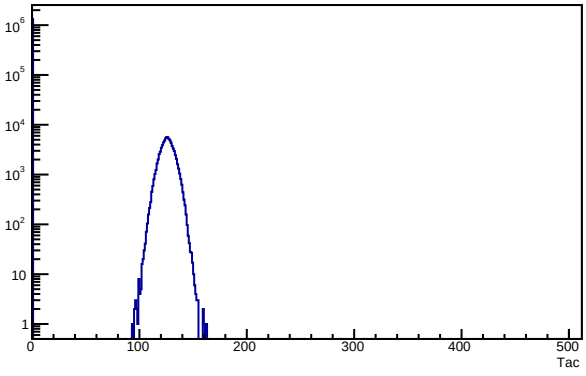

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4259475
1.27775e+06
1.29047e+06
1.41982e+06
142071
129352
TAC-Sum
East
West


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

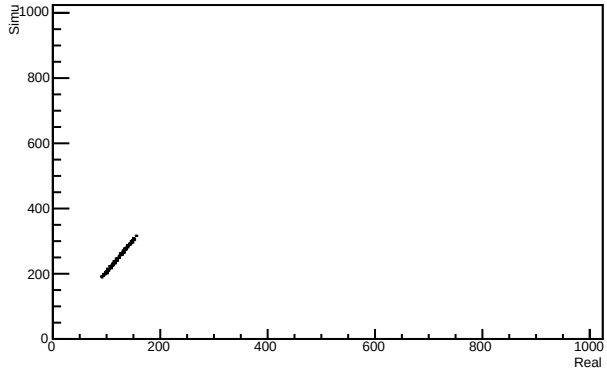

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2839650
1.34278e+06
1.31818e+06
77047
101641
East
West


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

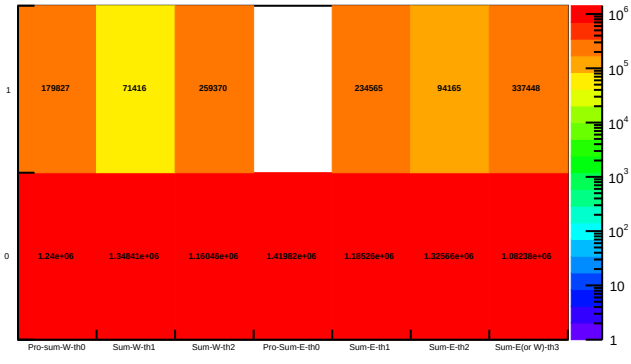
VT201 Input Ch2: ZDC Tac Diff



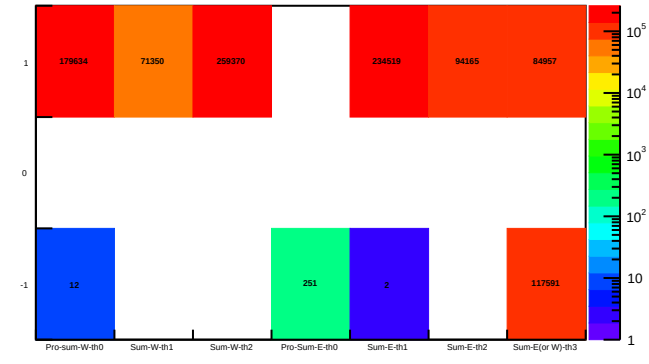
VT201 Input Ch2: ZDC Tac Diff



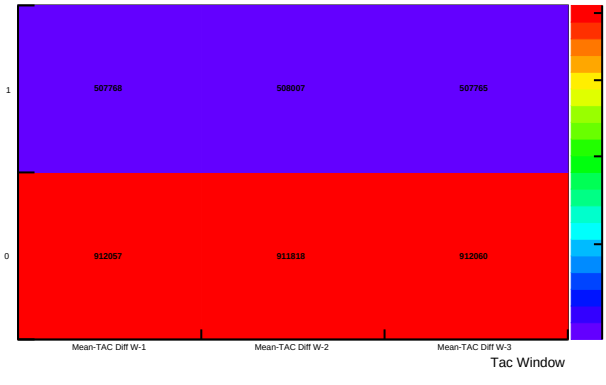
VT201 Input Ch2: ZDC Adc Sum Th



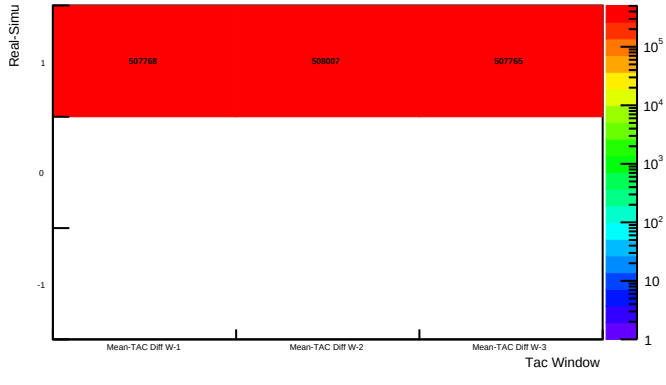
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



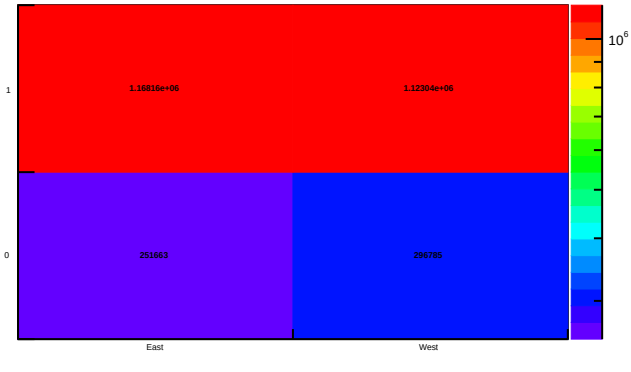
VT201 Input Ch4: VPD Tac Diff



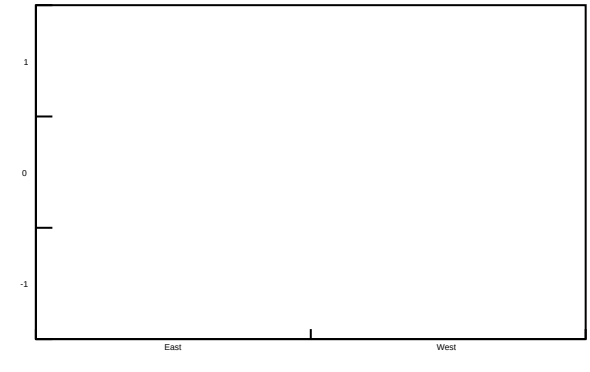
VT201 Input Ch4: VPD Tac Diff

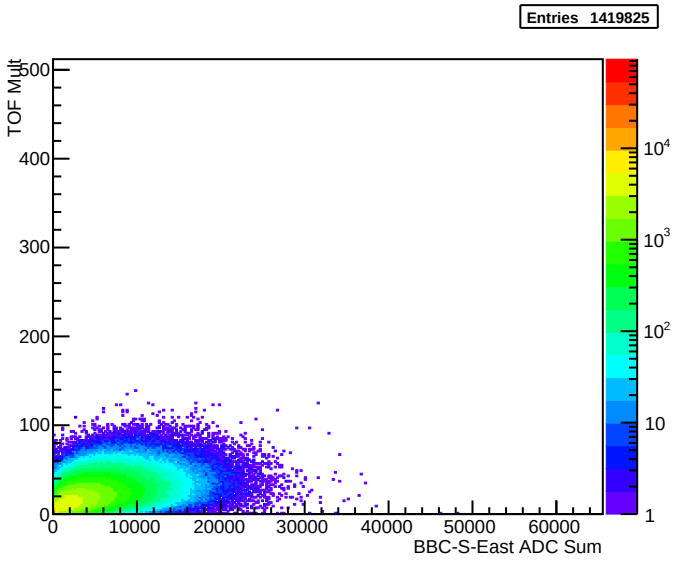


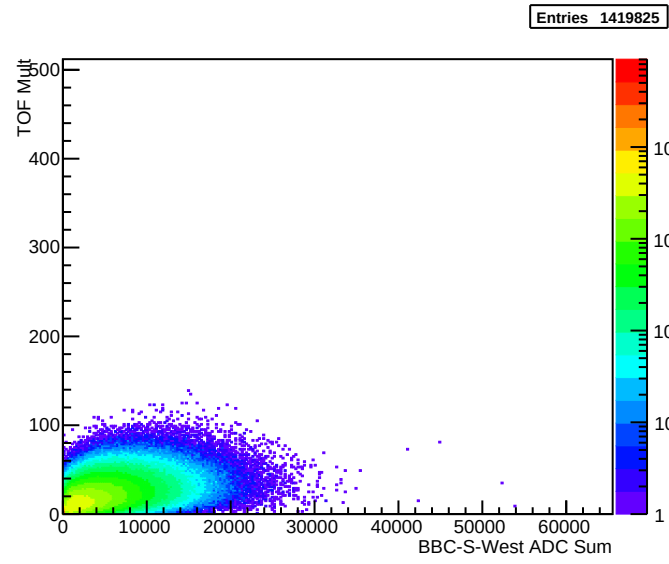
VT201 Input Ch4: VPD Adc Sum Th

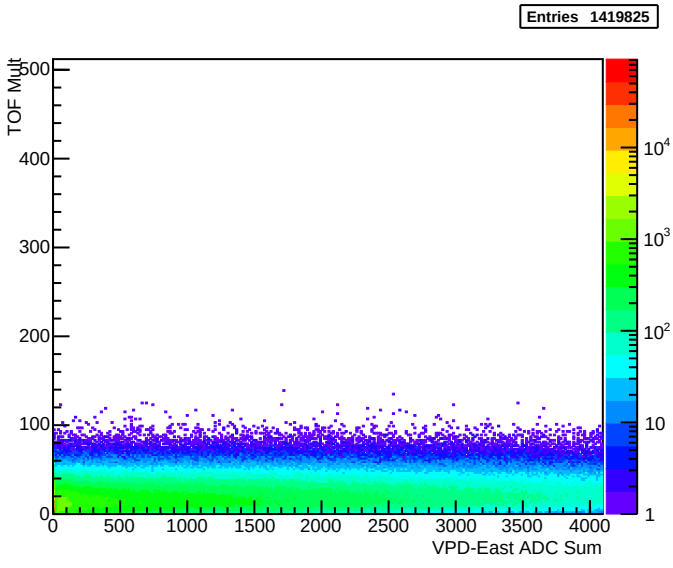


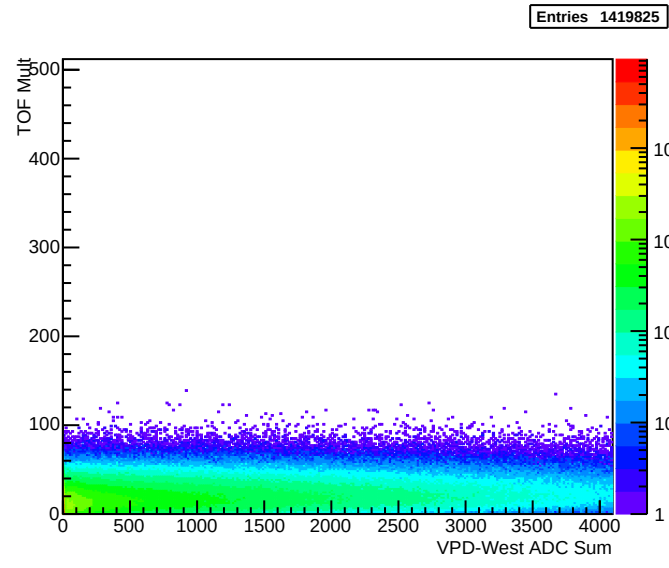
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

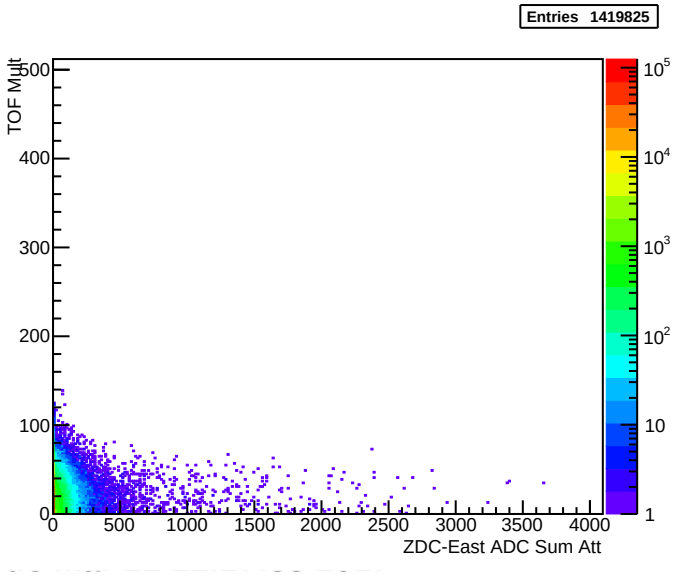


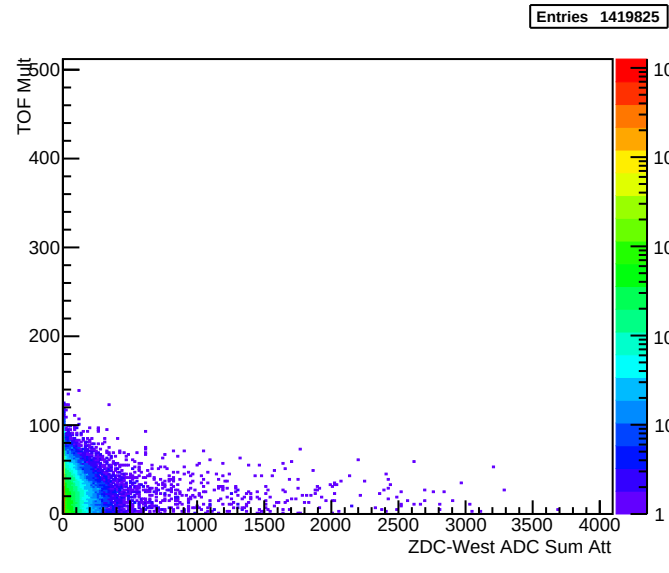

Entries 1419825
TOF Mult
BBC-S-East ADC Sum

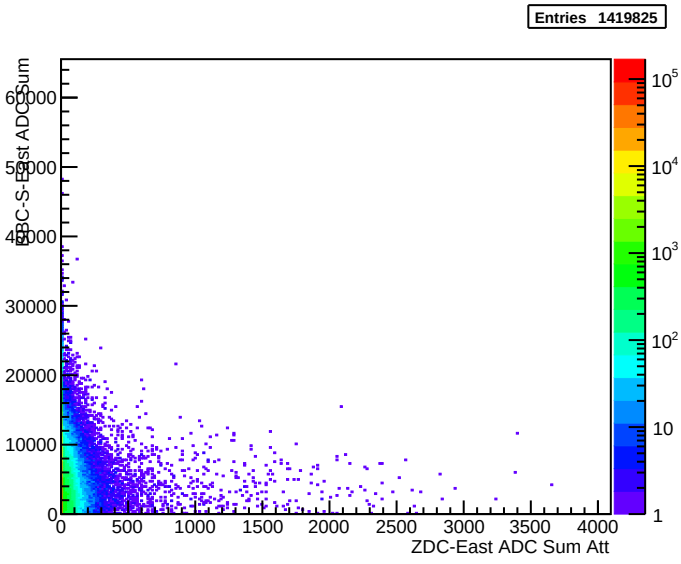

Entries 1419825
TOF Mult
BBC-S-West ADC Sum

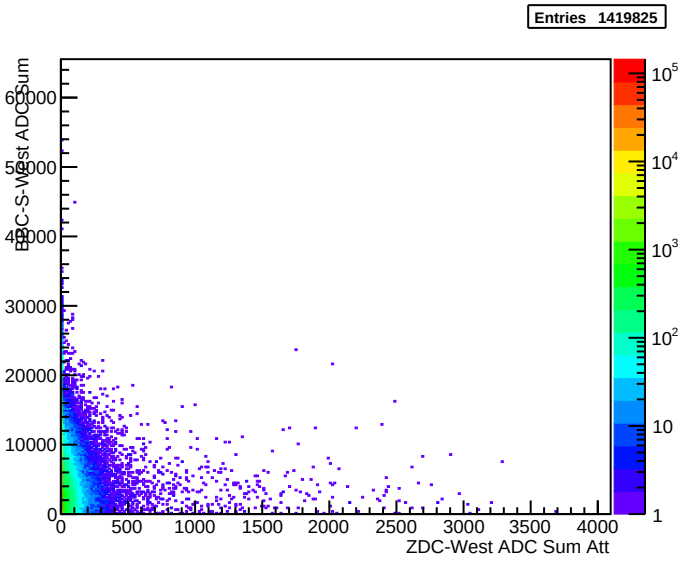

Entries 1419825
TOF Mult
VPD-East ADC Sum

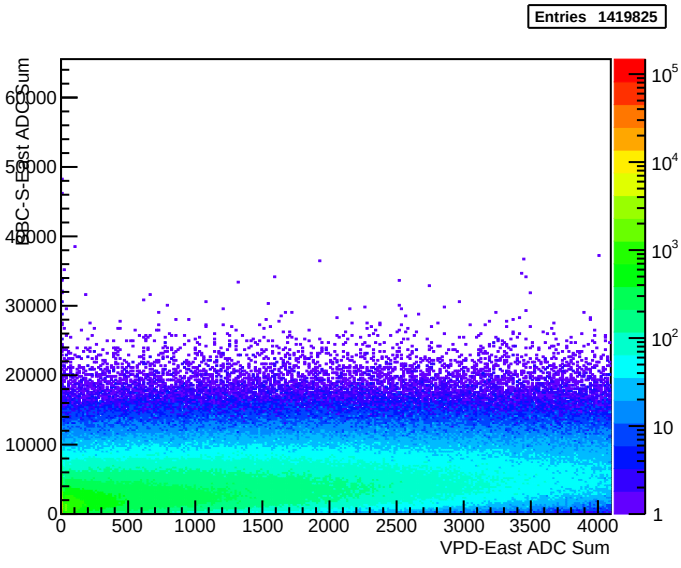

Entries 1419825
TOF Mult
VPD-West ADC Sum

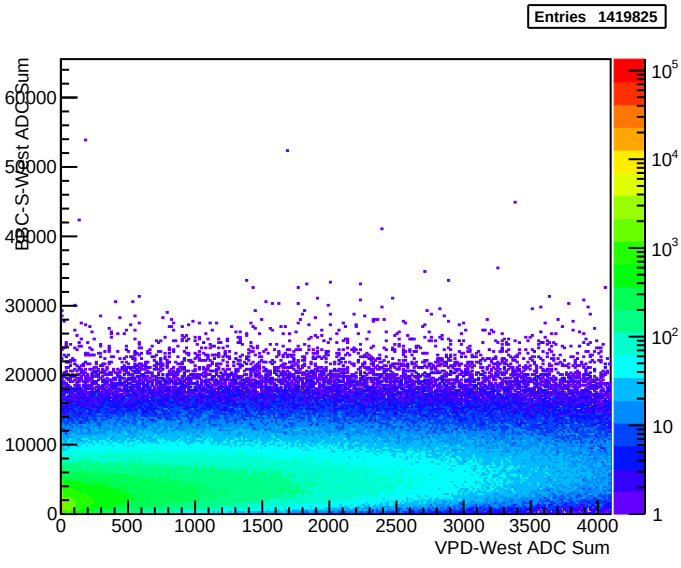

Entries 1419825
TOF Mult
ZDC-East ADC Sum Att

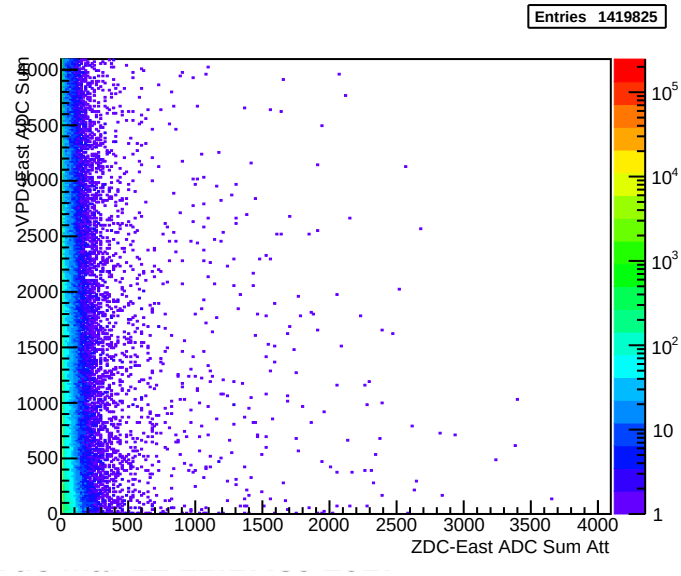

Entries 1419825
TOF Mult
ZDC-West ADC Sum Att

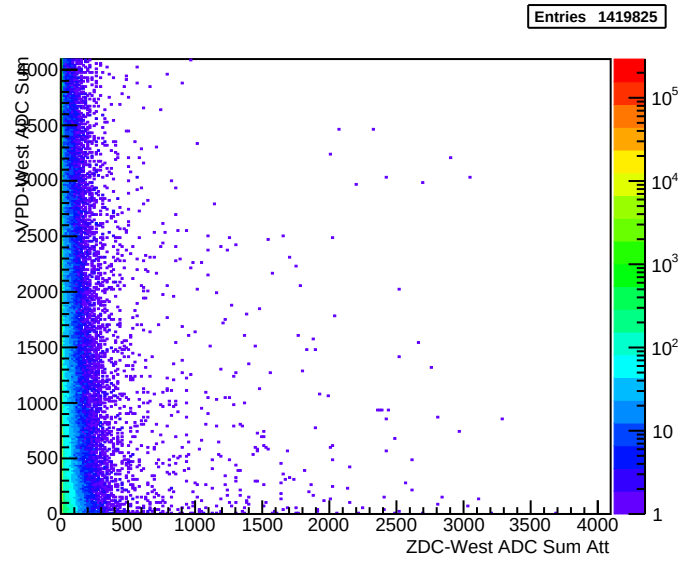

Entries 1419825
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

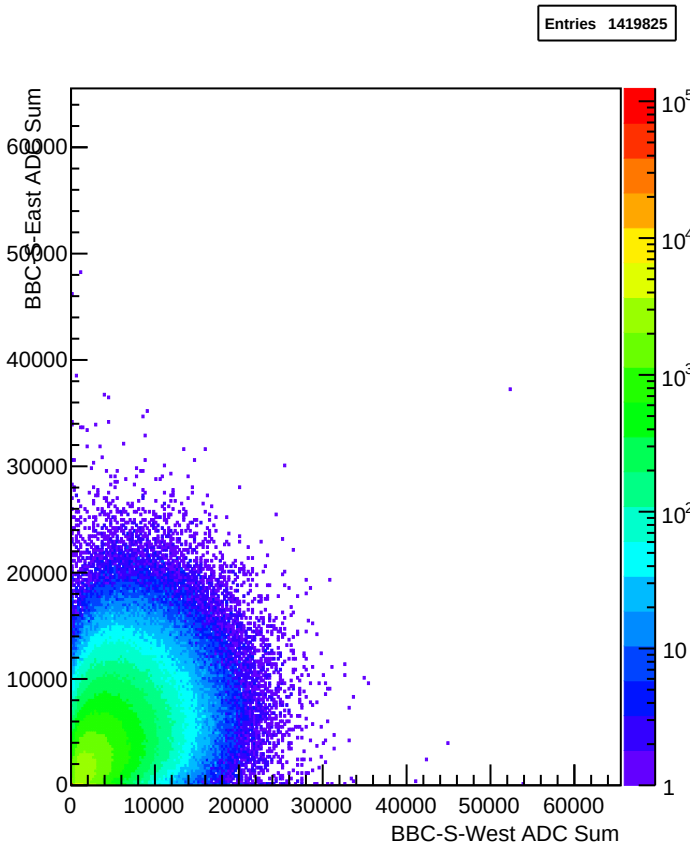

Entries 1419825
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

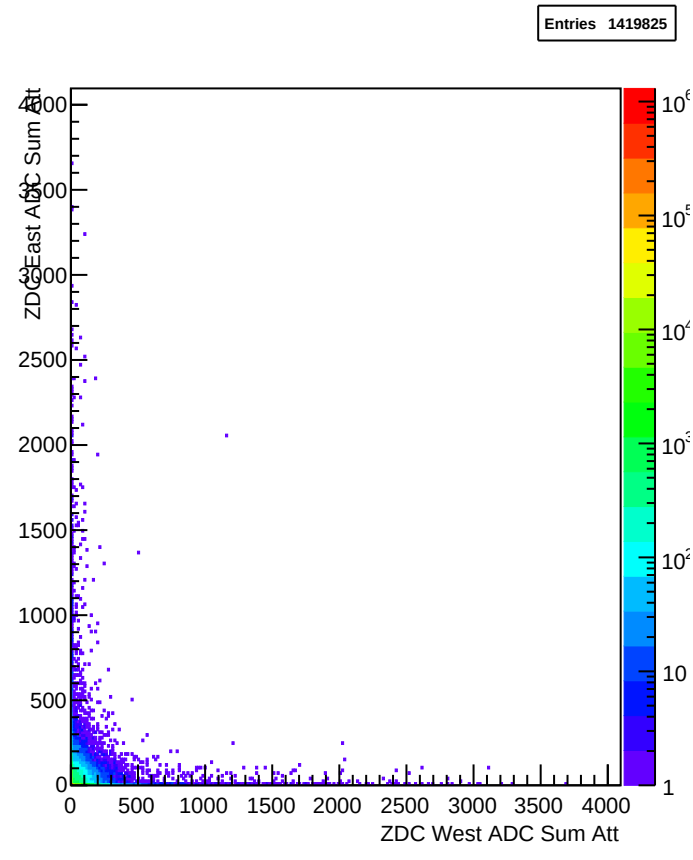

Entries 1419825
BBC-S-East ADC Sum
VPD-East ADC Sum

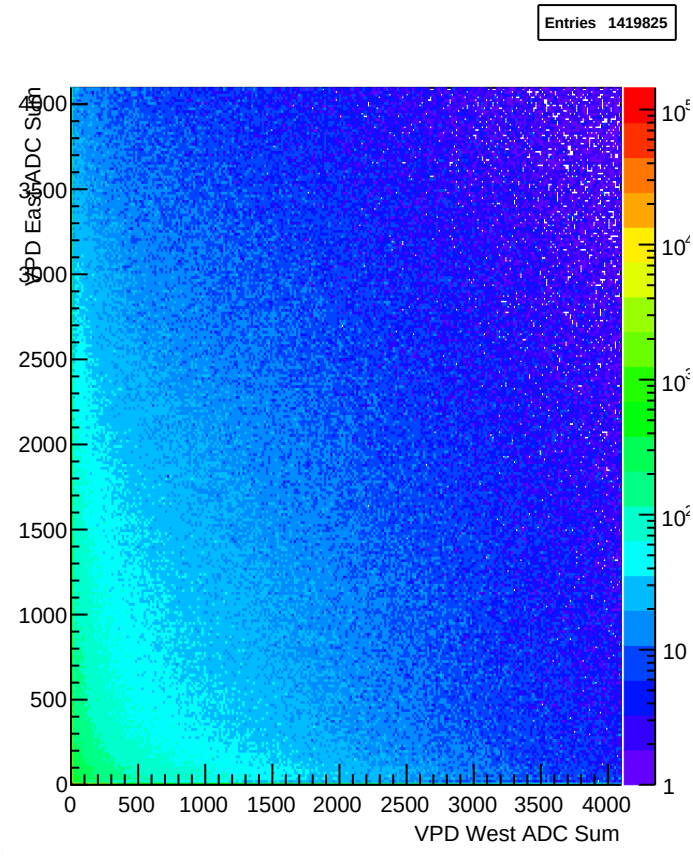

Entries 1419825
BBC-S-West ADC Sum
VPD-West ADC Sum

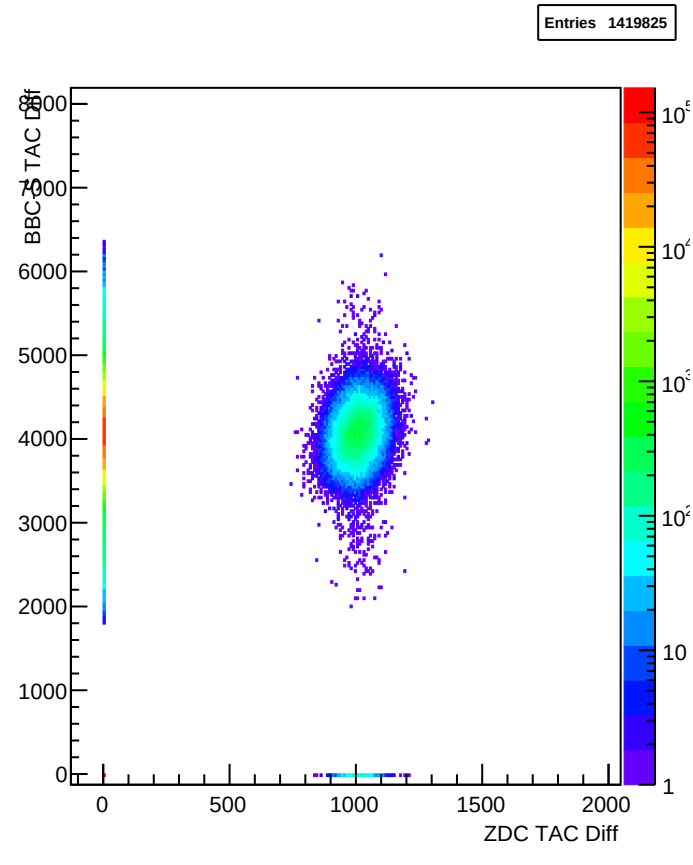

Entries 1419825
VPD-East ADC Sum
ZDC-East ADC Sum Att

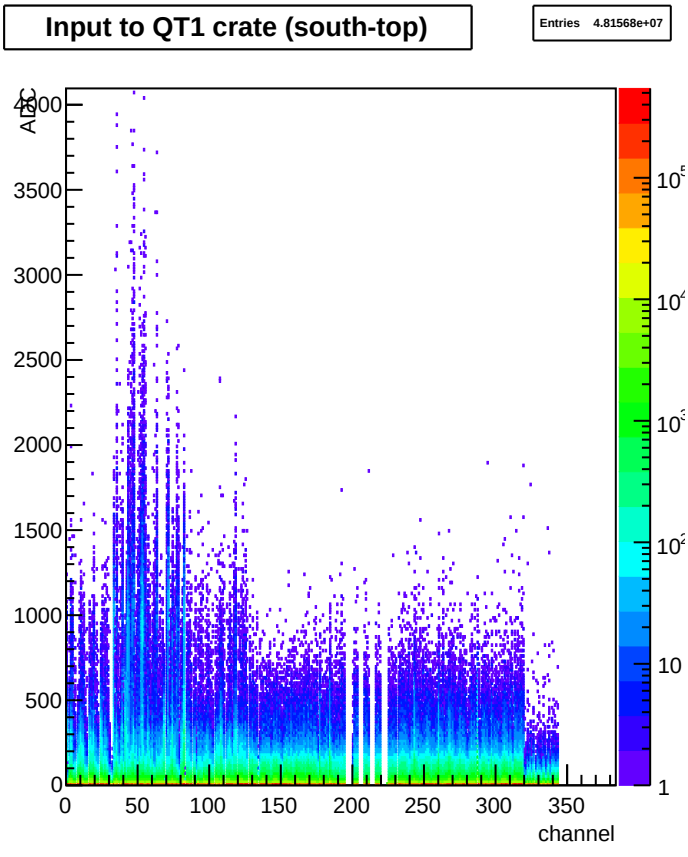

Entries 1419825
VPD-West ADC Sum
ZDC-West ADC Sum Att

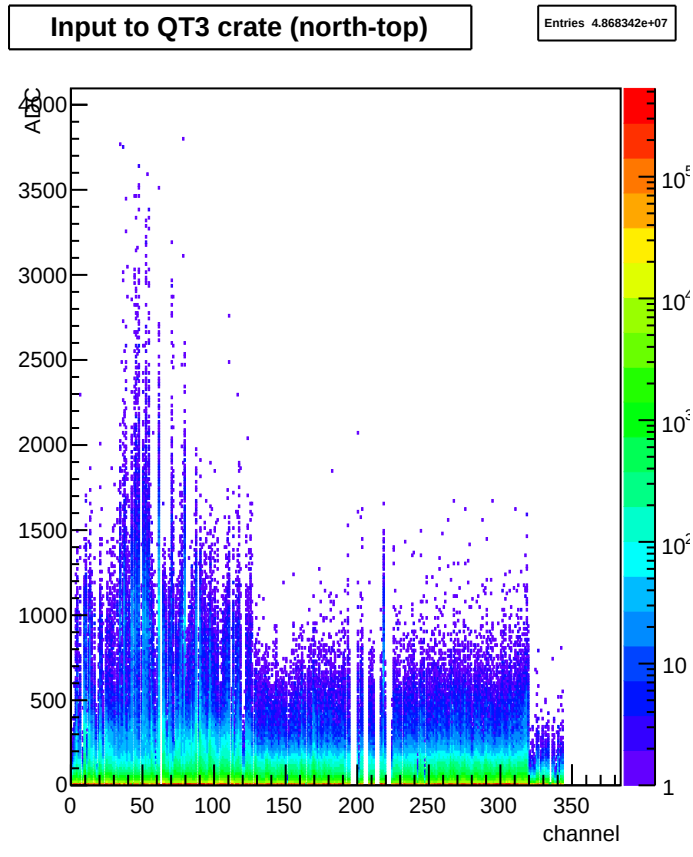

Entries 1419825
BBC-S-East ADC Sum
BBC-S-West ADC Sum

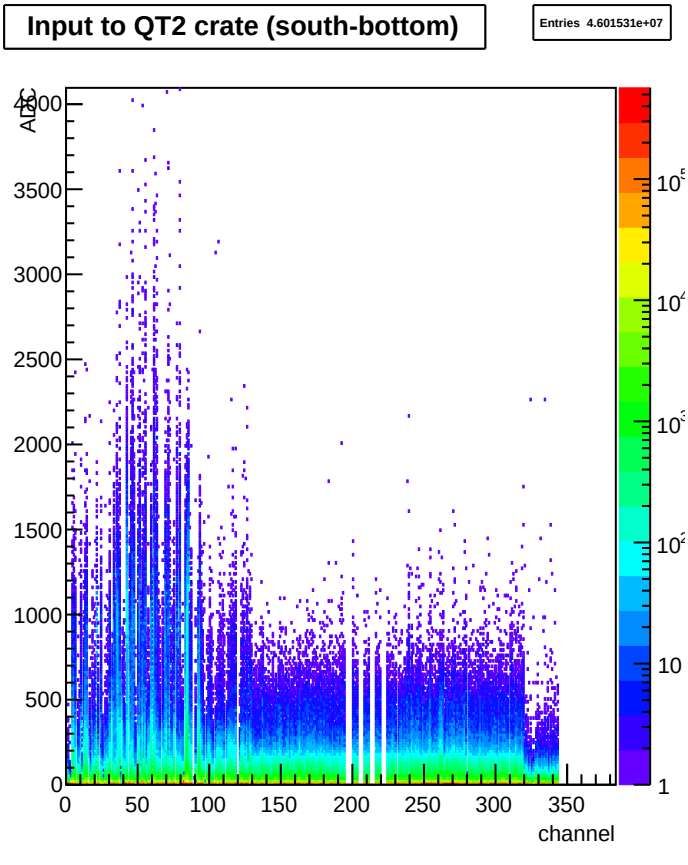

Entries 1419825
ZDC East ADC Sum Att
ZDC West ADC Sum Att

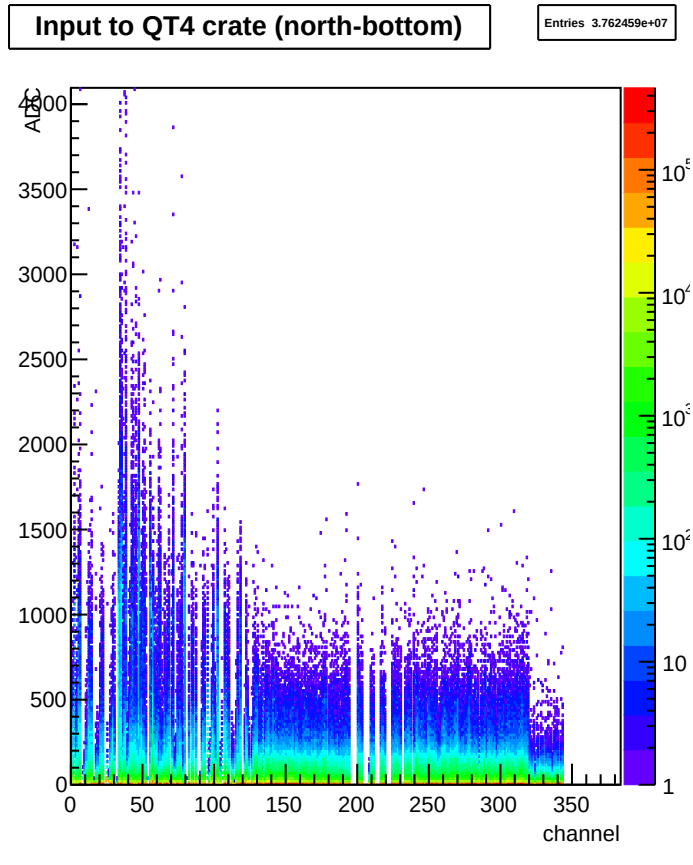

Entries 1419825
VPD East ADC Sum
VPD West ADC Sum

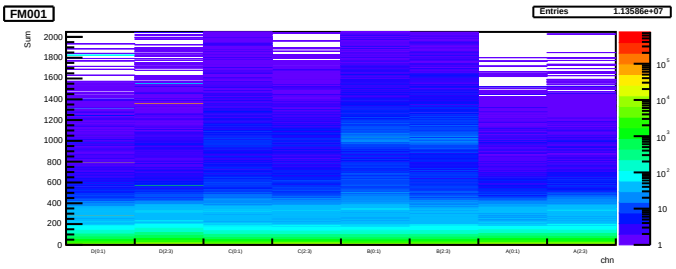

Entries 1419825
BBC-S TAC Diff
ZDC TAC Diff

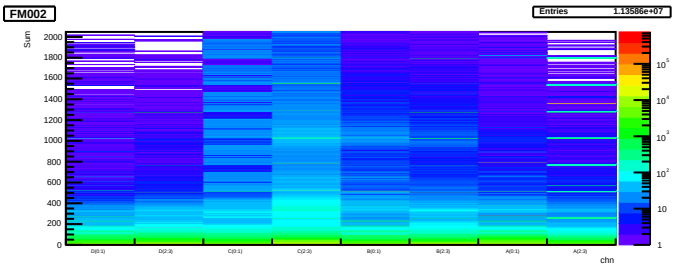

Input to QT1 crate (south-top)
Entries 4.81568e+07
ADC
channel

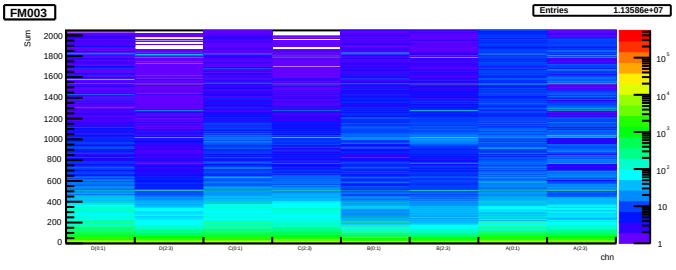

Input to QT3 crate (north-top)
Entries 4.868342e+07
ADC
channel

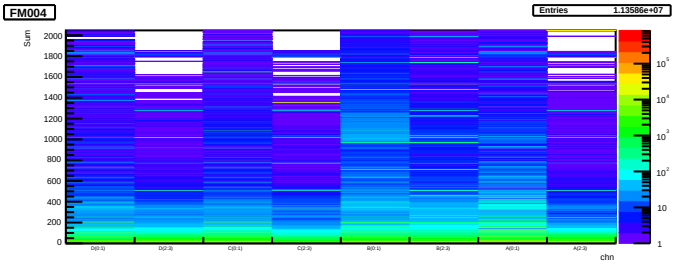

Input to QT2 crate (south-bottom)
Entries 4.601531e+07
ADC
channel

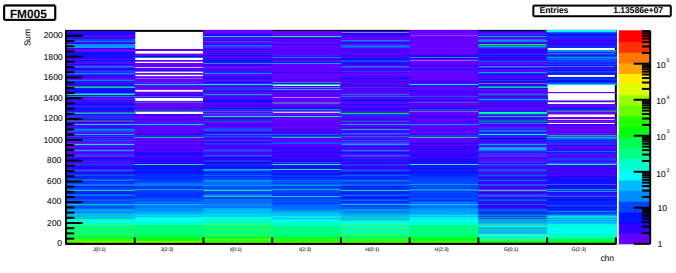

Input to QT4 crate (north-bottom)
Entries 3.762459e+07
ADC
channel

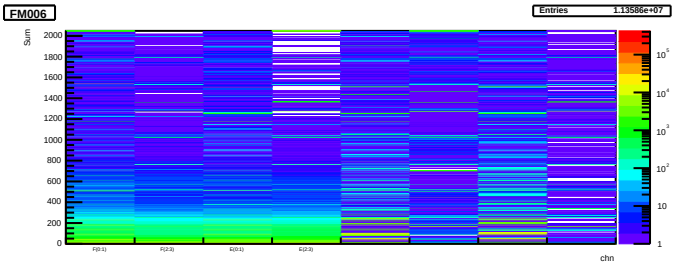

FM001
Entries 1.13586e+07
Sum
chn

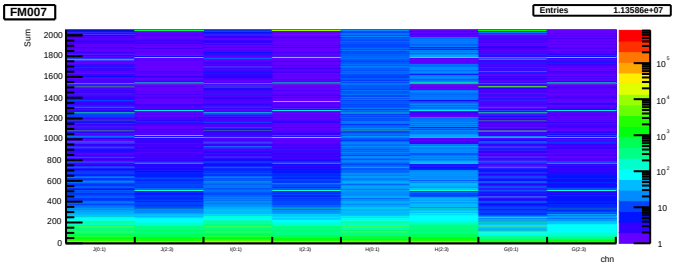

FM002
Entries 1.13586e+07
Sum
chn

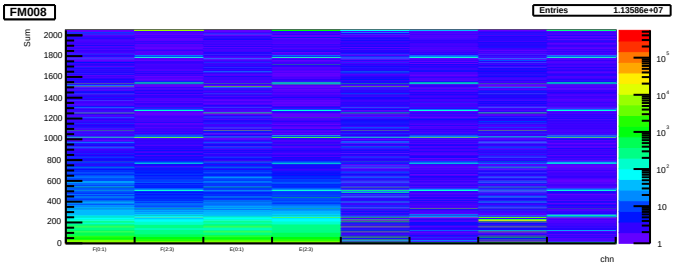

FM003
Entries 1.13586e+07
Sum
chn

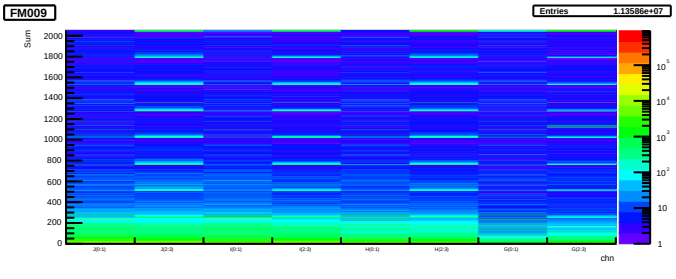

FM004
Entries 1.13586e+07
Sum
chn

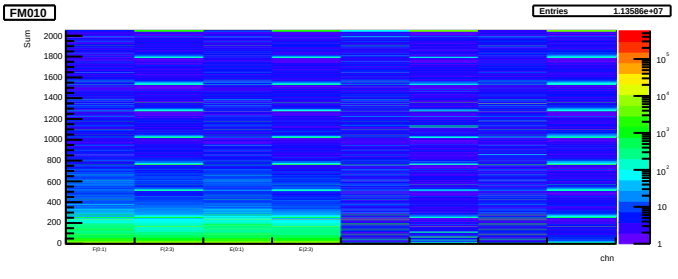

FM005
Entries 1.13586e+07
Sum
chn

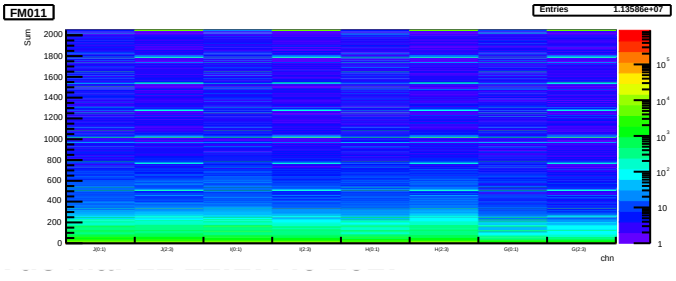

FM006
Entries 1.13586e+07
Sum
chn

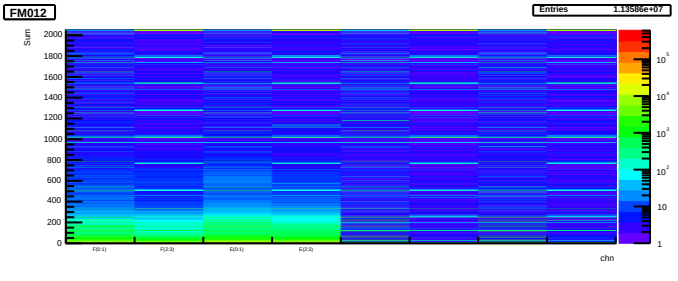

FM007
Entries 1.13586e+07
Sum
chn

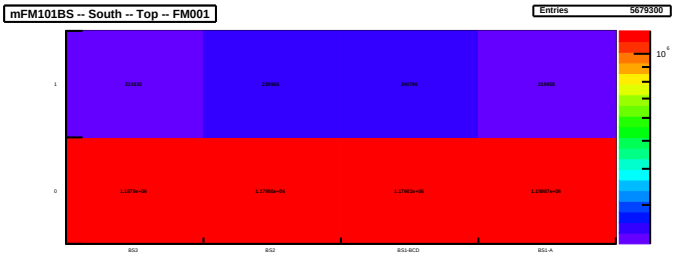

FM008
Entries 1.13586e+07
Sum
chn

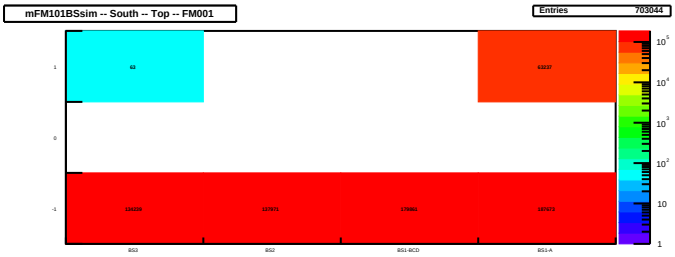

FM009
Entries 1.13586e+07
Sum
chn


FM010
Entries 1.13586e+07
Sum
chn


FM011
Entries 1.13586e+07
Sum
chn


FM012
Entries 1.13586e+07
Sum
chn


mFM101BS -- South -- Top -- FM001
Entries 5679300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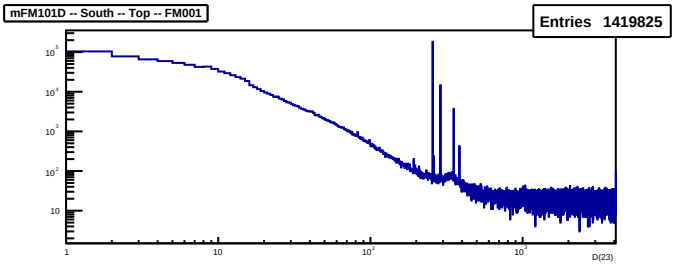
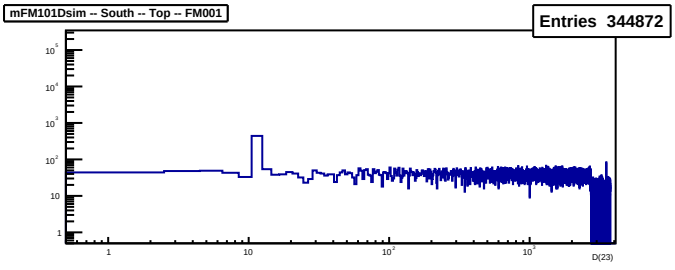
Entries 703044


mFM101D -- South -- Top -- FM001
Entries 1419825
D(23)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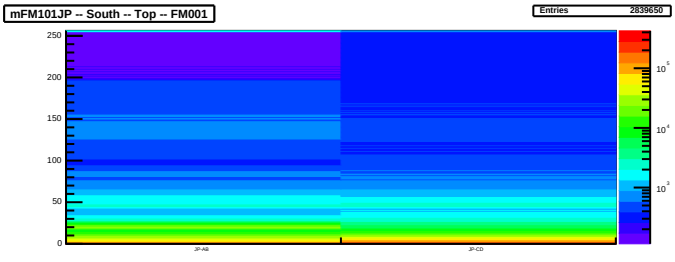
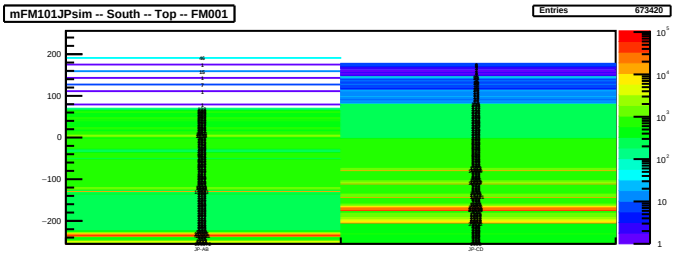
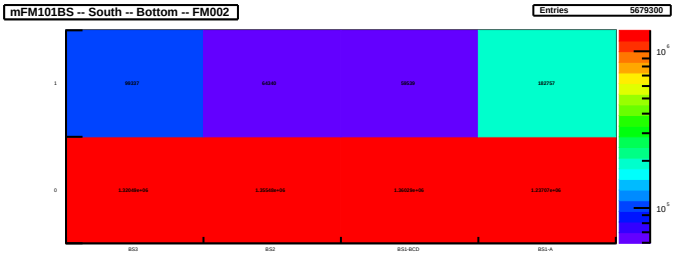
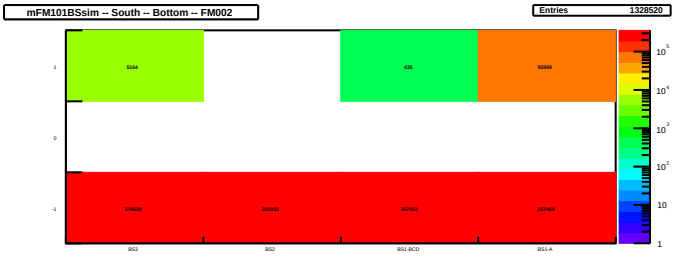
Entries 344872
D(23)


mFM101JP -- South -- Top -- FM001
Entries 2839650


mFM101JPsim -- South -- Top -- FM001
Entries 673420


mFM101BS -- South -- Bottom -- FM002
Entries 5679300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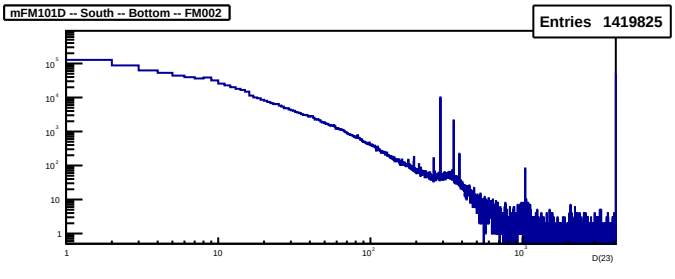
Entries 1328520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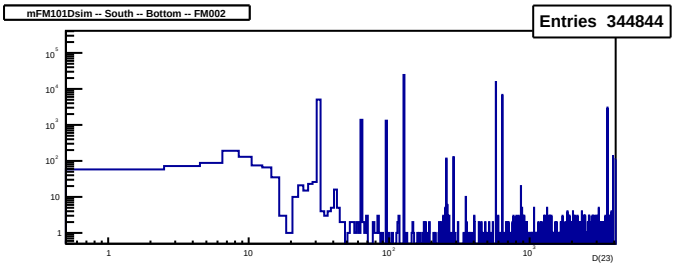
Entries 1419825
D(23)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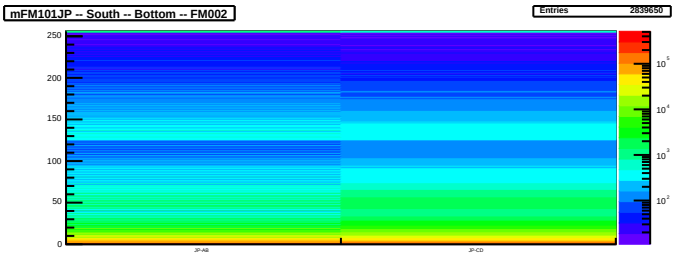
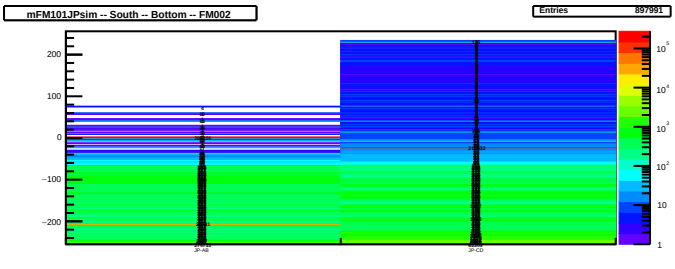
Entries 344844
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 2839650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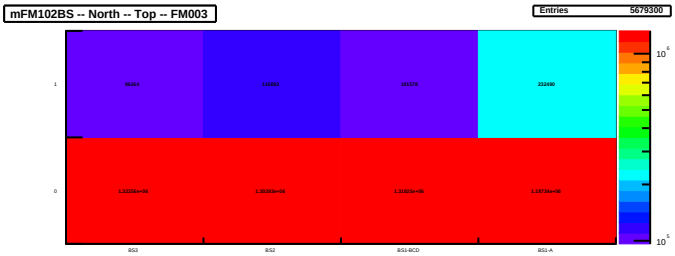
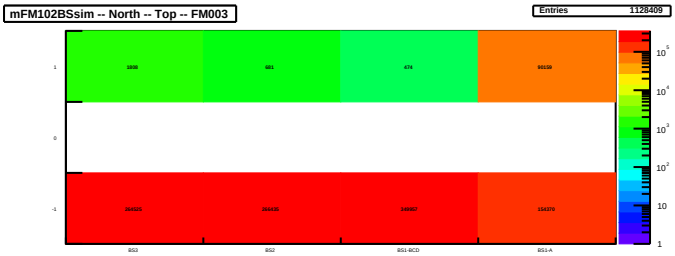
Entries 897991


mFM102BS -- North -- Top -- FM003
Entries 5679300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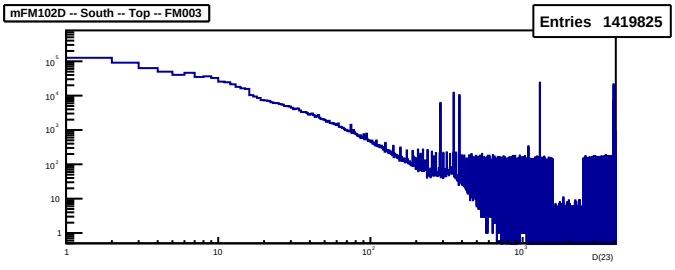
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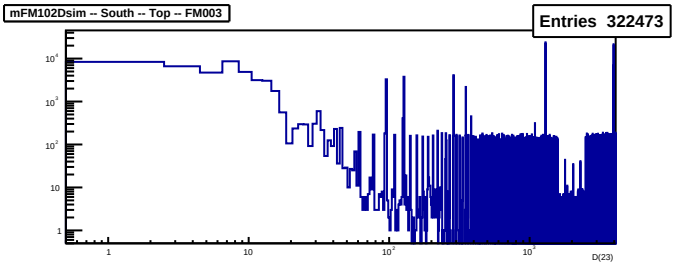
Entries 1419825
D(23)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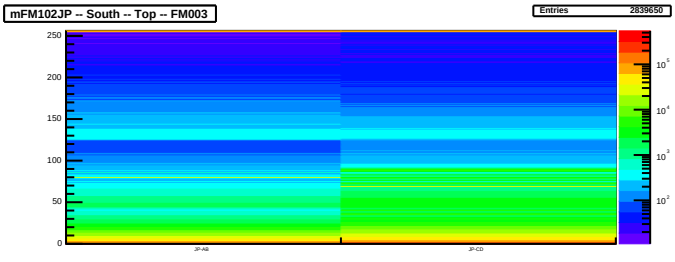
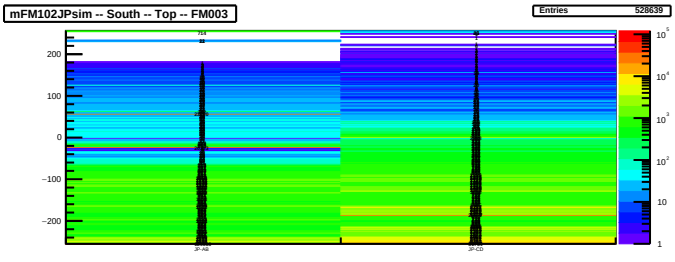
Entries 322473
D(23)


mFM102JP -- South -- Top -- FM003
Entries 2839650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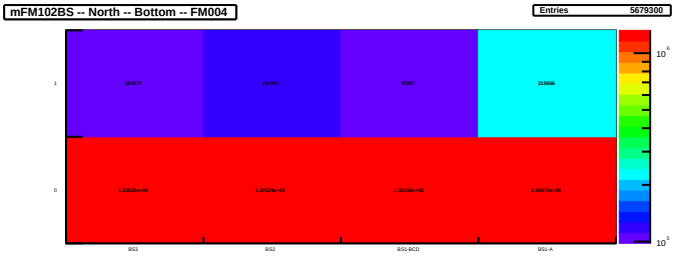
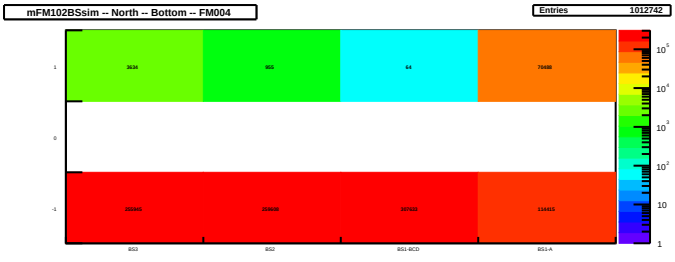
Entries 528639


mFM102BS -- North -- Bottom -- FM004
Entries 5679300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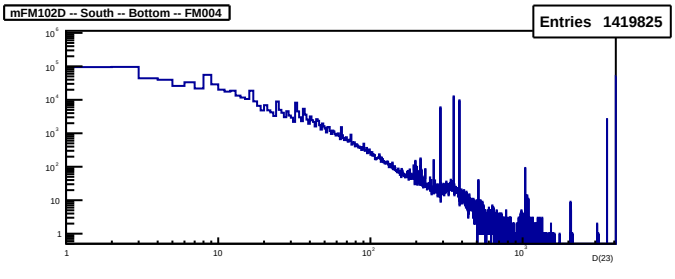
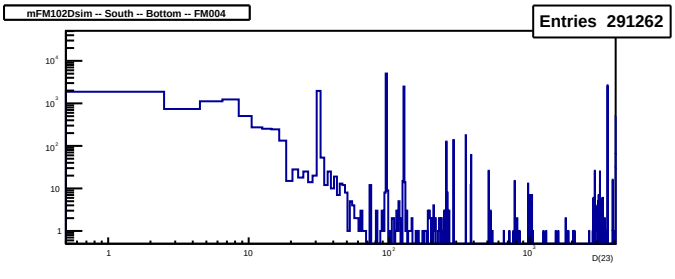
Entries 1012742


mFM102D -- South -- Bottom -- FM004
Entries 1419825
D(23)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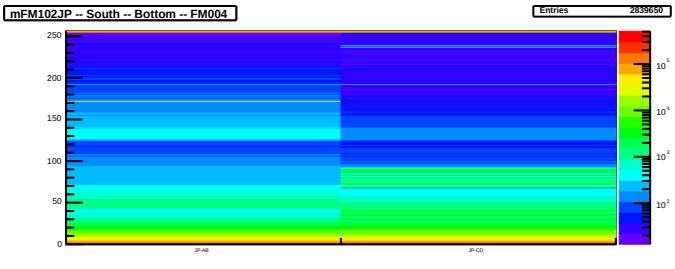
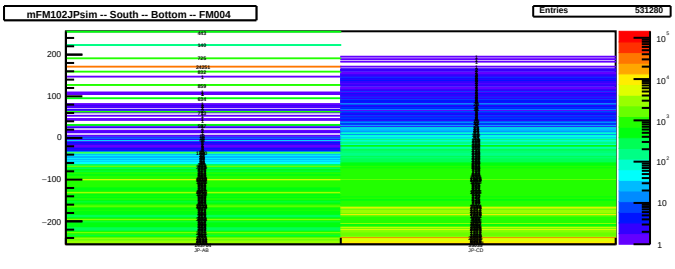
Entries 291262
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 2839650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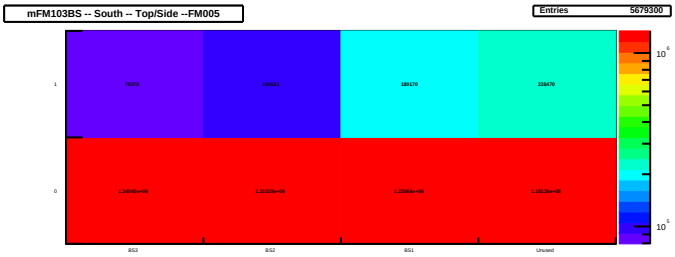
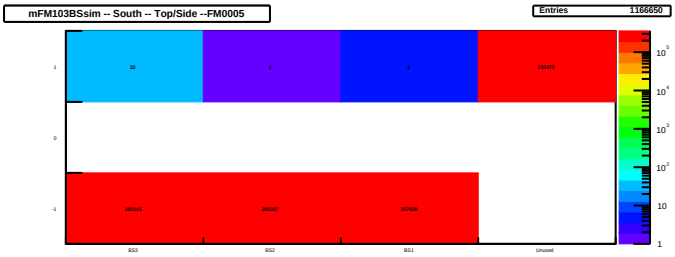
Entries 531280


mFM103BS -- South -- Top/Side --FM005
Entries 5679300
BS3
BS2
BS1
Unused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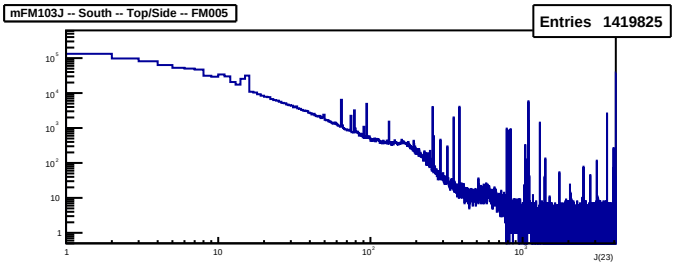
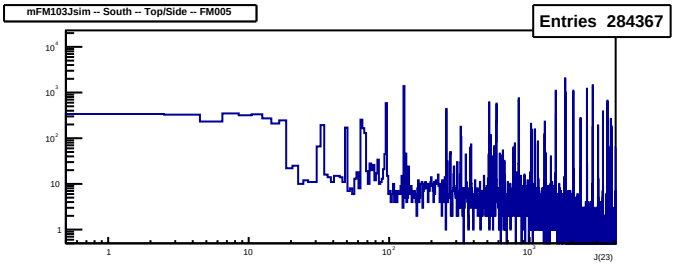
Entries 1166650
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 1419825
J(23)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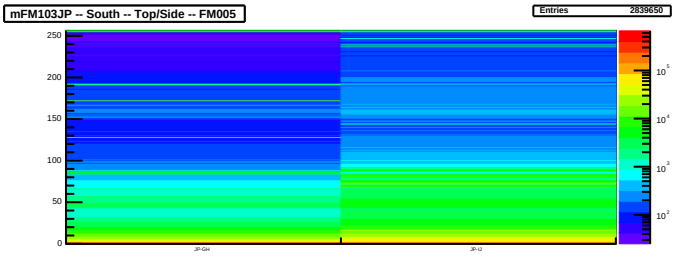
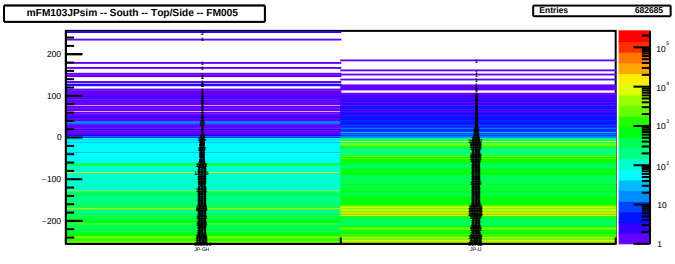
Entries 284367
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 2839650
JP-GH
JP-IJ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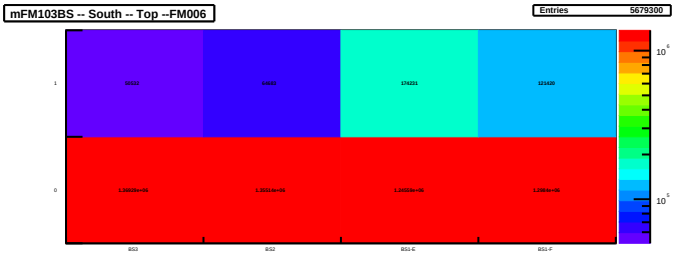
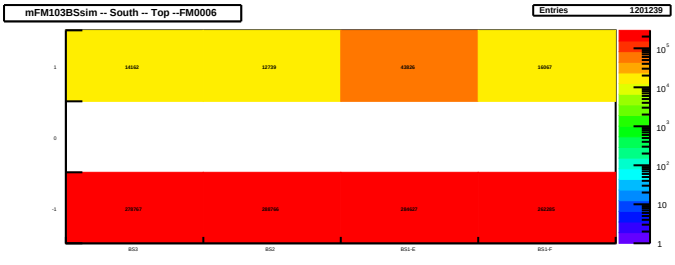
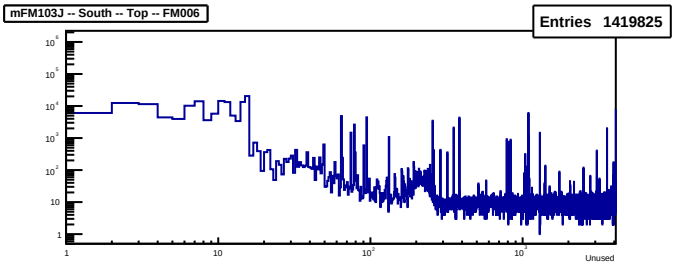
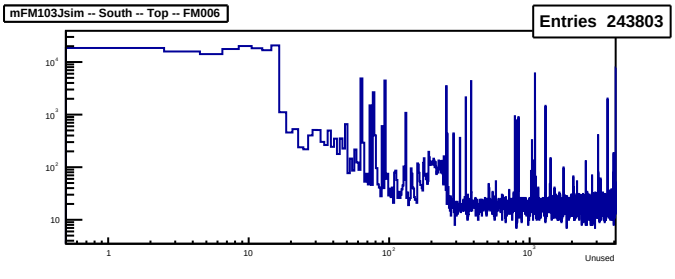
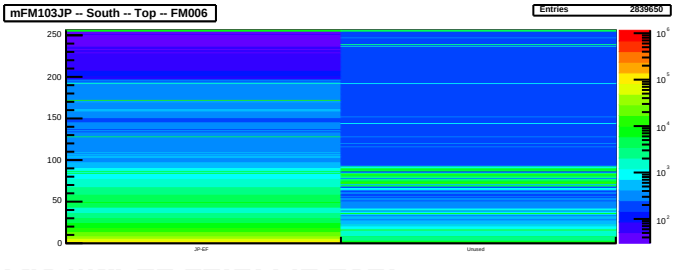
Entries 682685
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 5679300
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 1201239
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 1419825
Unused


mFM103Jsim -- South -- Top -- FM006
Entries 243803
Unused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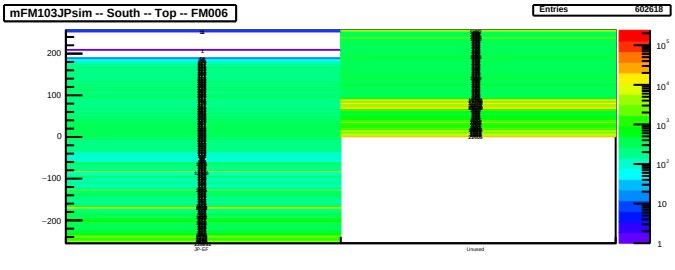
Entries 2839650
JP-EF
Unused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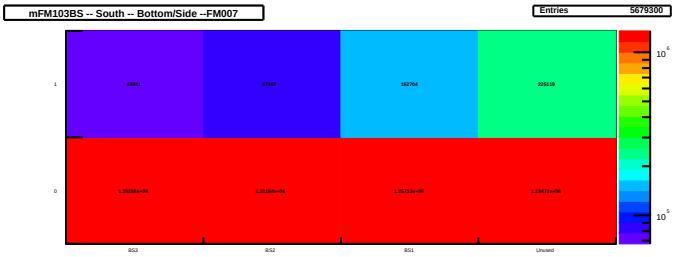
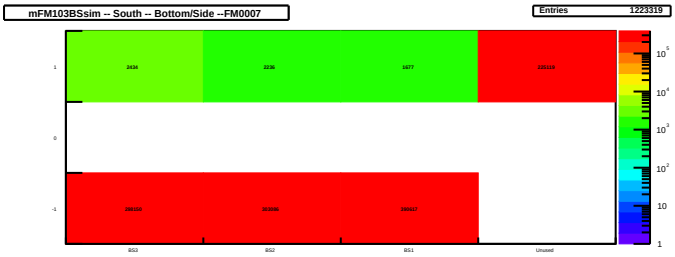
Entries 602618
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 5679300
BS3
BS2
BS1
Unused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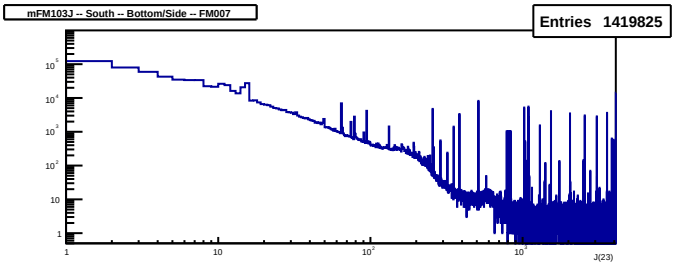
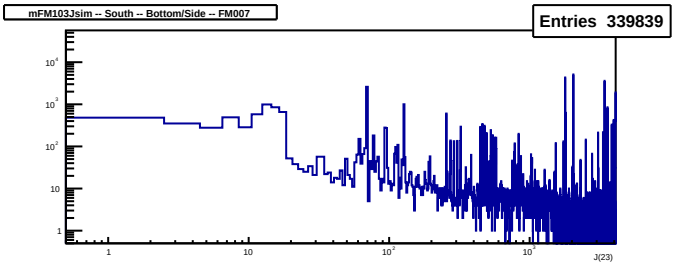
Entries 1223319
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 1419825
J(23)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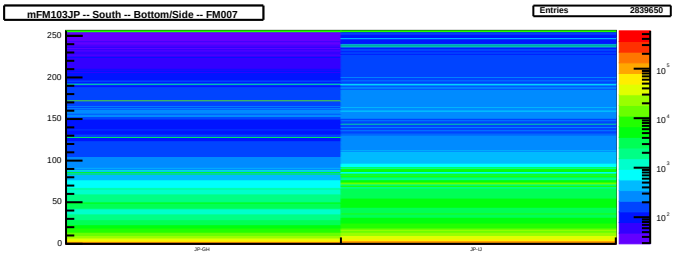
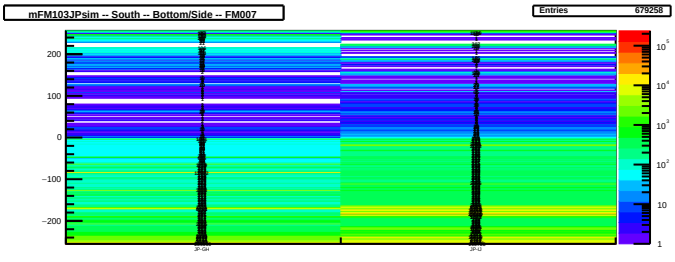
Entries 339839
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 2839650
JP-GH
JP-IJ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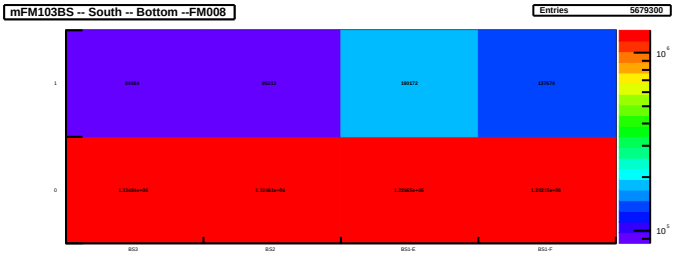
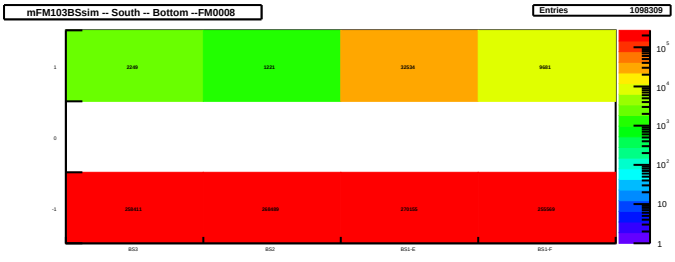
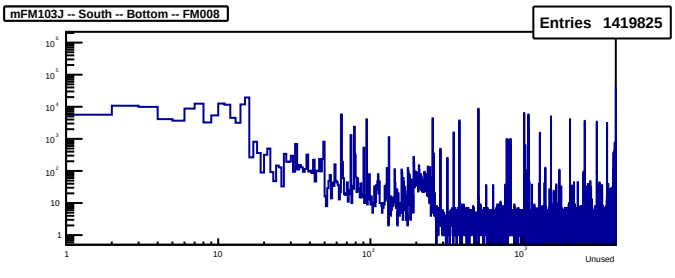
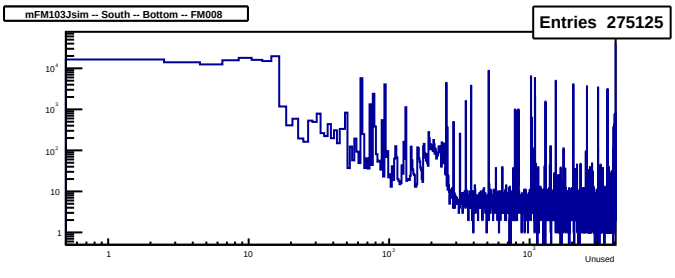
Entries 679258
JP-GH
JP-IJ


mFM103BS -- South -- Bottom --FM008
Entries 5679300
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 1098309
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 1419825
Unused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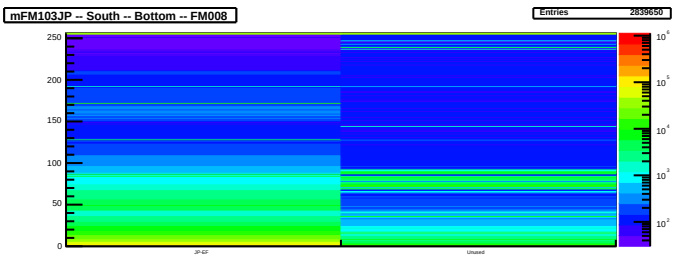
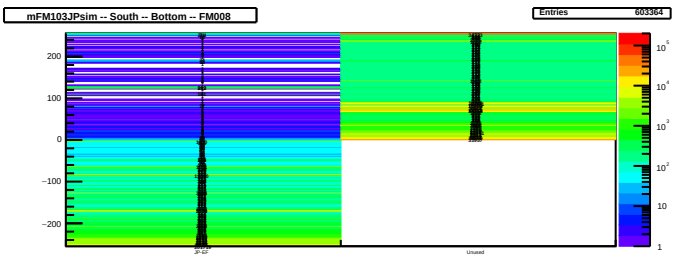
Entries 275125
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 2839650
JP-EF
Unused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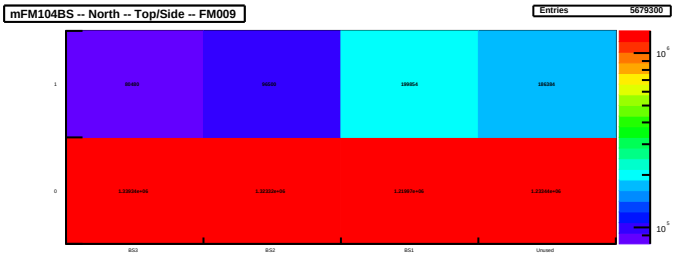
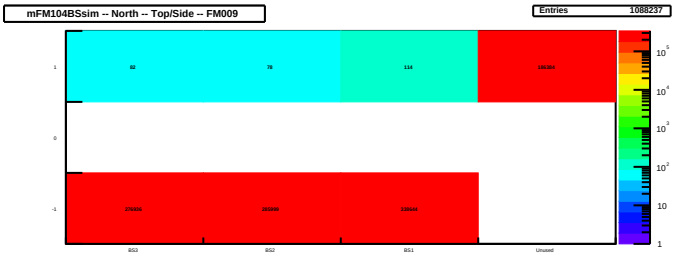
Entries 603364
JP-EF
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 5679300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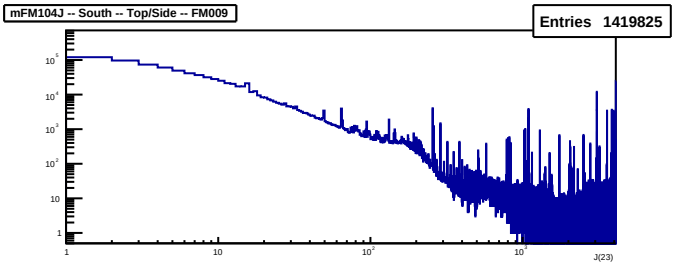
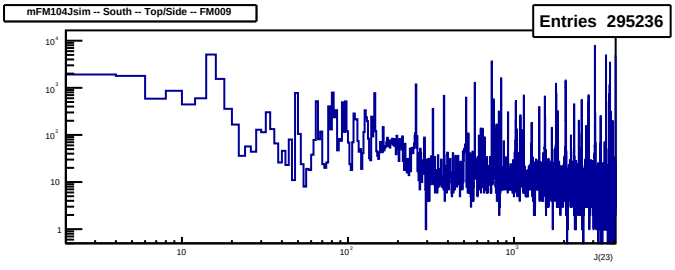

mFM104J -- South -- Top/Side -- FM009
Entries 1419825
J(23)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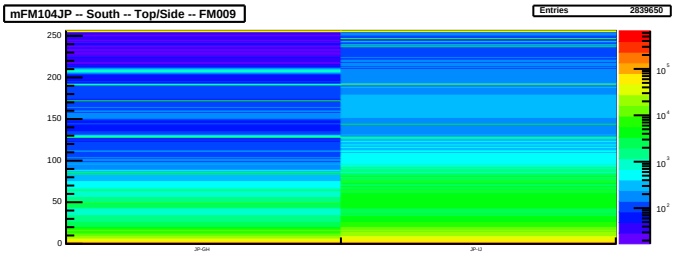
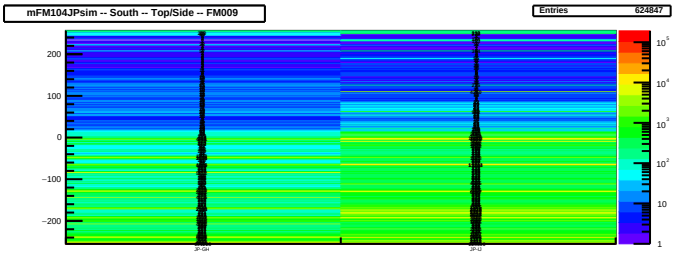
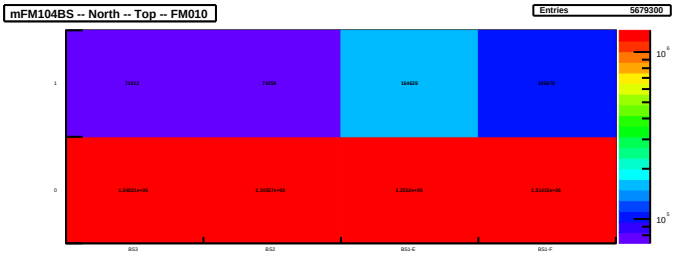
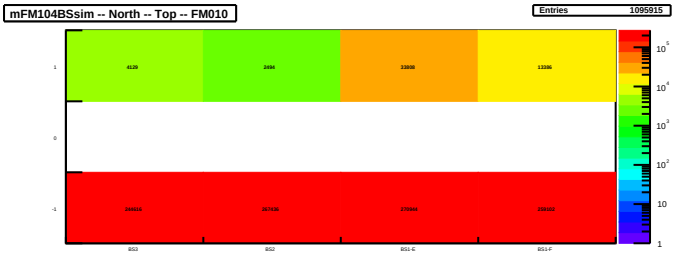
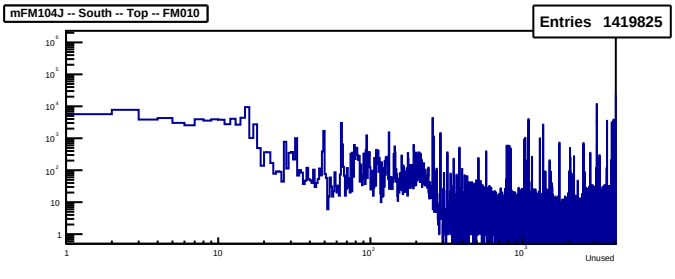
Entries 295236
J(23)

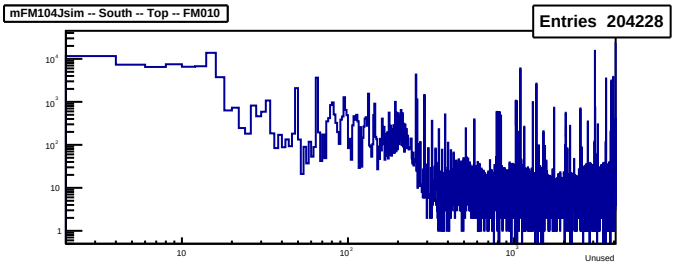

mFM104JP -- South -- Top/Side -- FM009
Entries 2839650

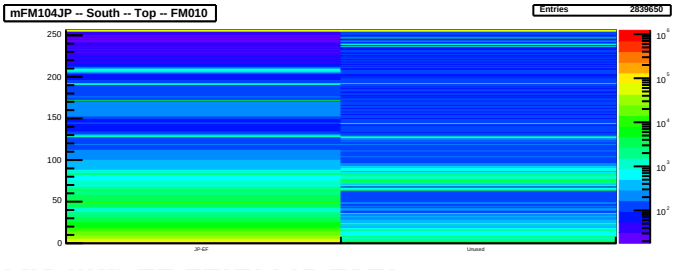

mFM104JPsim -- South -- Top/Side -- FM009
Entries 624847

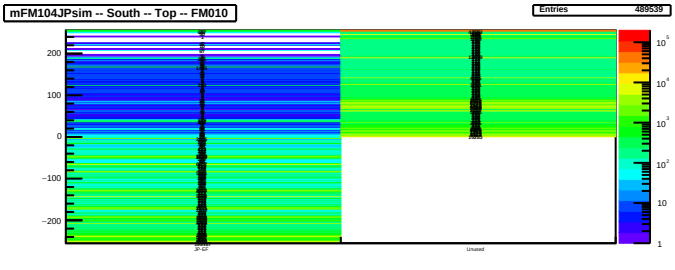

mFM104BS -- North -- Top -- FM010
Entries 5679300

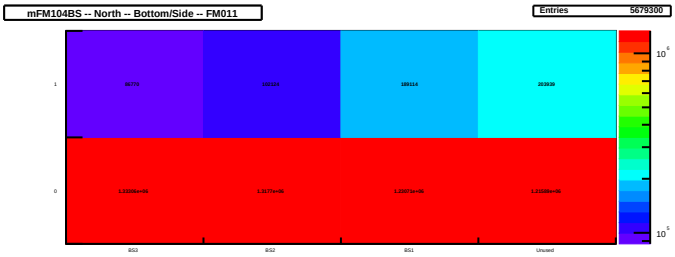

mFM104BSsim -- North -- Top -- FM010
Entries 1095915

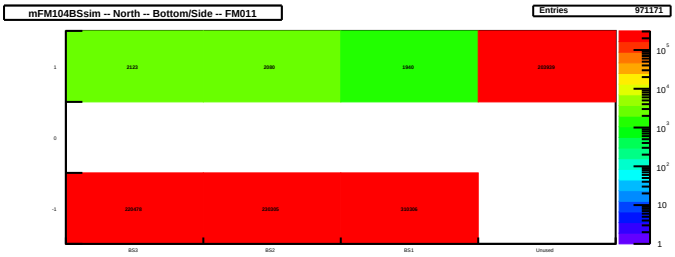

mFM104J -- South -- Top -- FM010
Entries 1419825
Unused

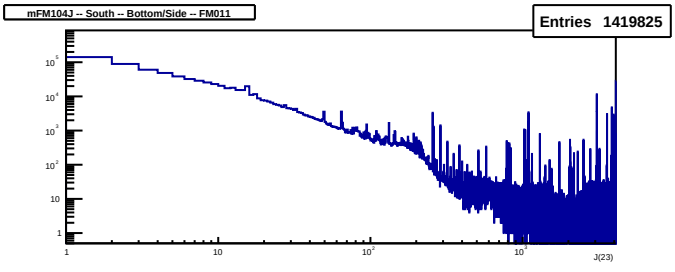

mFM104Jsim -- South -- Top -- FM010
Entries 204228
Unused

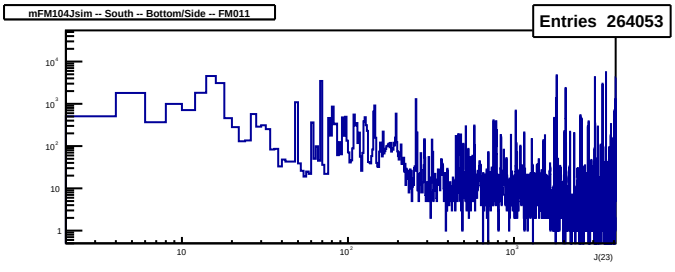

mFM104JP -- South -- Top -- FM010
Entries 2839650

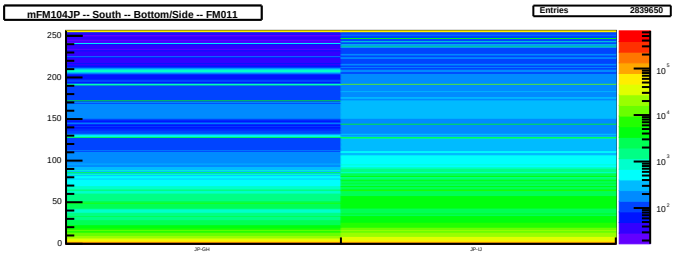

mFM104JPsim -- South -- Top -- FM010
Entries 489539

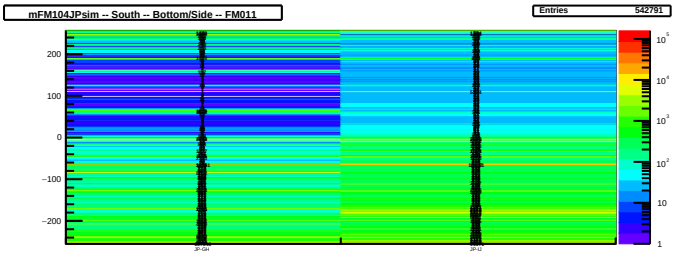

mFM104BS -- North -- Bottom/Side -- FM011
Entries 5679300
BS3
BS2
BS1
Unused

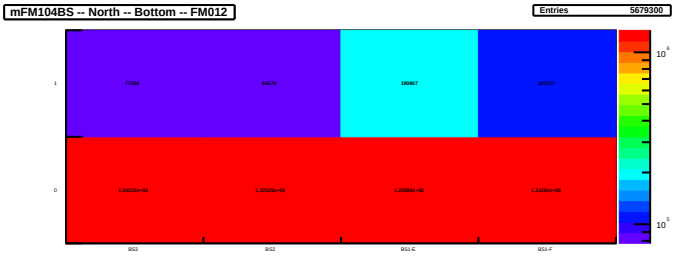

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 971171
BS3
BS2
BS1
Unused

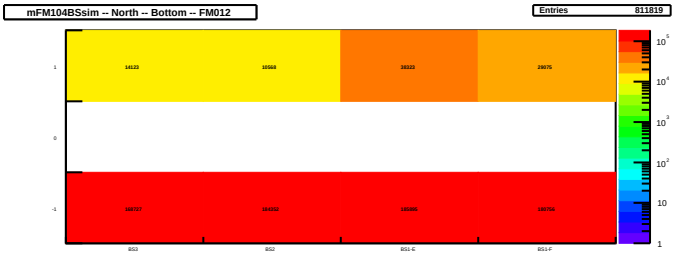

mFM104J -- South -- Bottom/Side -- FM011
Entries 1419825
J(23)

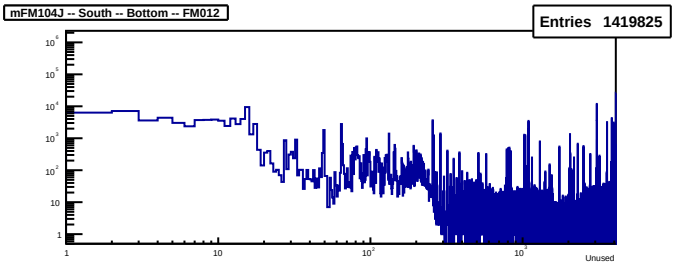

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 264053
J(23)

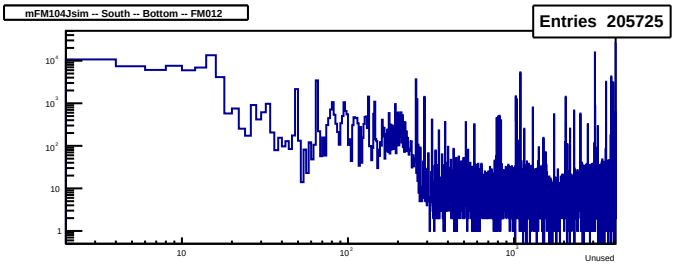

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2839650

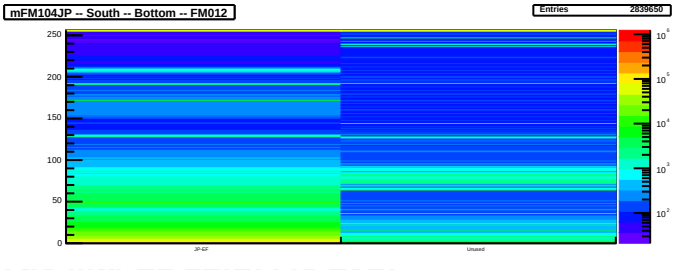

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 542791

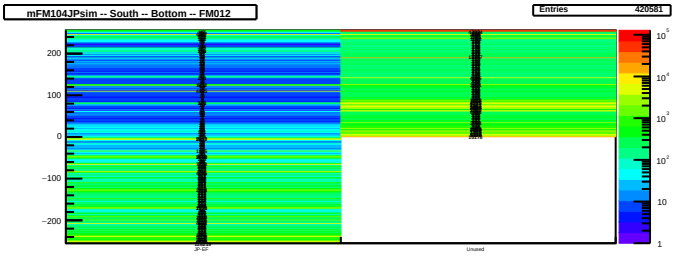

mFM104BS -- North -- Bottom -- FM012
Entries 5679300
BS3
BS2
BS1-E
BS1-F

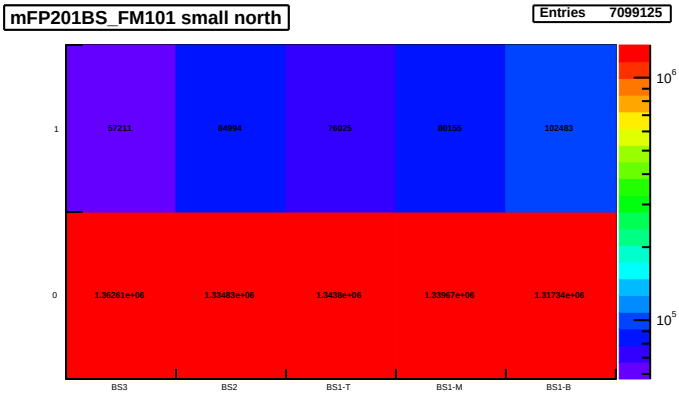

mFM104BSsim -- North -- Bottom -- FM012
Entries 811819
BS3
BS2
BS1-E
BS1-F

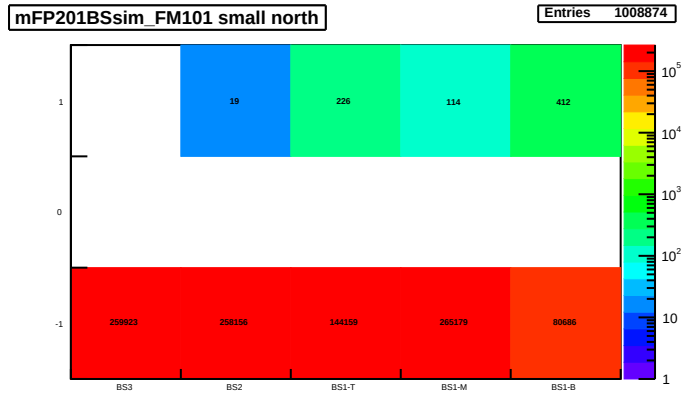

mFM104J -- South -- Bottom -- FM012
Entries 1419825
Unused

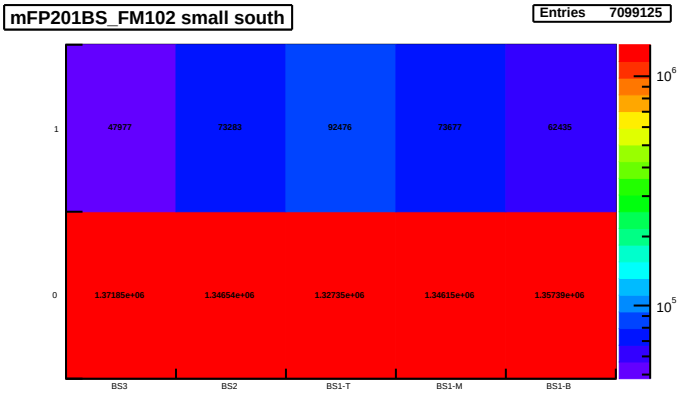

mFM104Jsim -- South -- Bottom -- FM012
Entries 205725
Unused

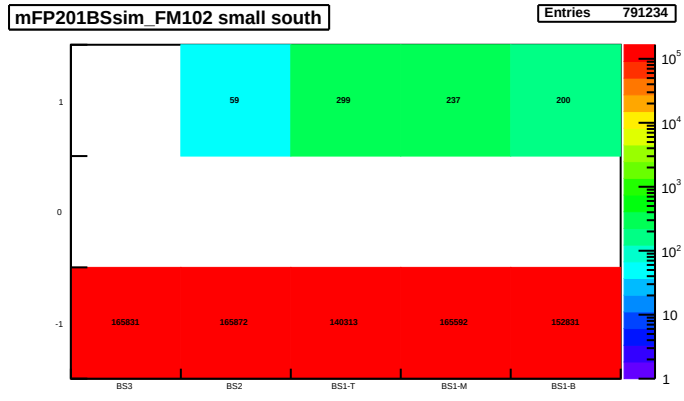

mFM104JP -- South -- Bottom -- FM012
Entries 2839650
Unused

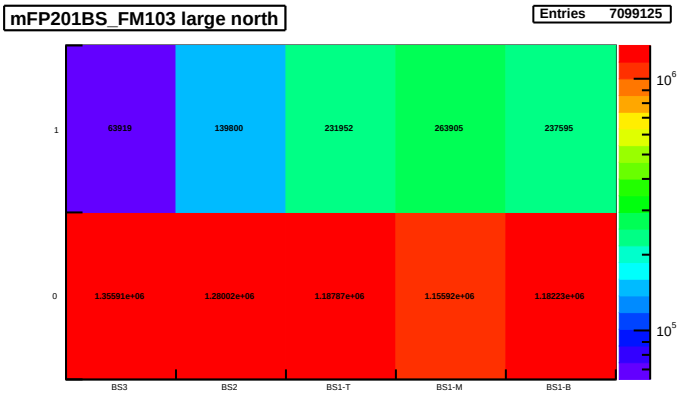

mFM104JPsim -- South -- Bottom -- FM012
Entries 420581
Unused

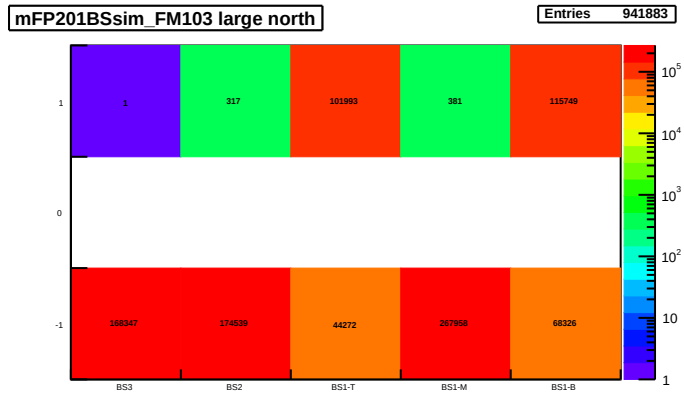

mFP201BS_FM101 small north
Entries 7099125
57211
84994
76025
80155
102483
1.36261e+06
1.33483e+06
1.3438e+06
1.33967e+06
1.31734e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

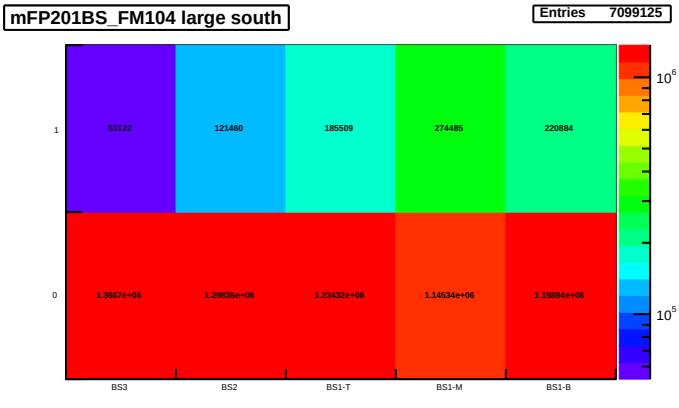

mFP201BSsim_FM101 small north
Entries 1008874
19
226
114
412
259923
258156
144159
265179
80686
BS3
BS2
BS1-T
BS1-M
BS1-B

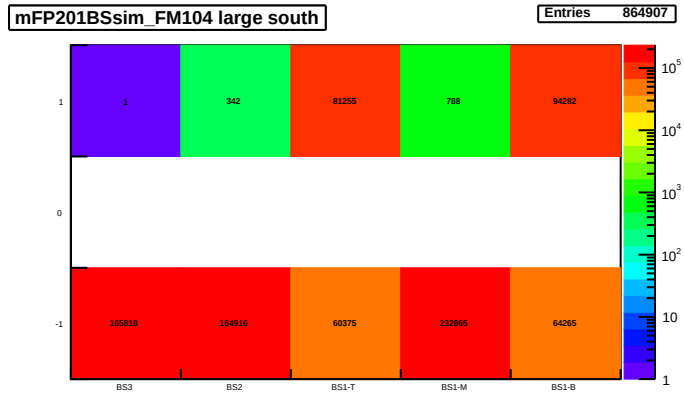

mFP201BS_FM102 small south
Entries 7099125
47977
73283
92476
73677
62435
1.37185e+06
1.34654e+06
1.32735e+06
1.34615e+06
1.35739e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

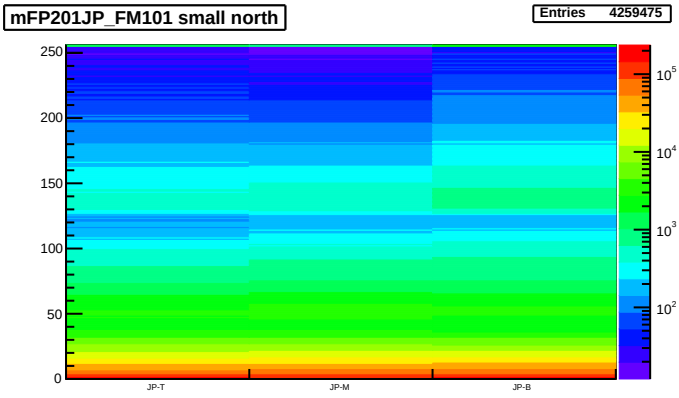

mFP201BSsim_FM102 small south
Entries 791234
59
299
237
200
165831
165872
140313
165592
152831
BS3
BS2
BS1-T
BS1-M
BS1-B

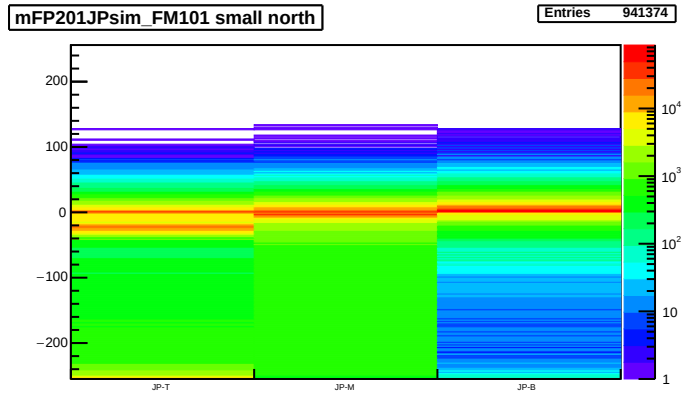

mFP201BS_FM103 large north
Entries 7099125
63919
139800
231952
263905
237595
1.35591e+06
1.28002e+06
1.18787e+06
1.15592e+06
1.18223e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

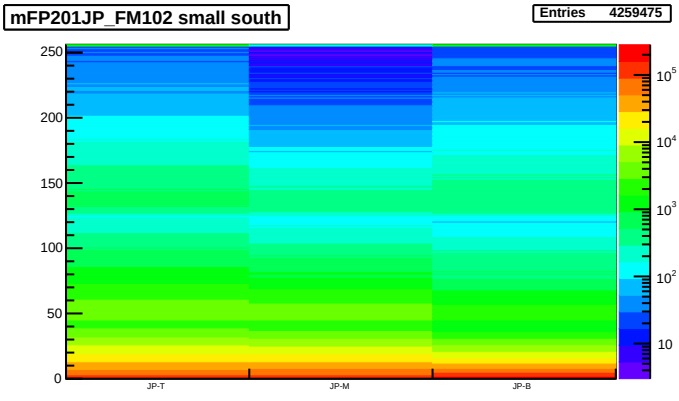

mFP201BSsim_FM103 large north
Entries 941883
1
317
101993
381
115749
168347
174539
44272
267958
68326
BS3
BS2
BS1-T
BS1-M
BS1-B

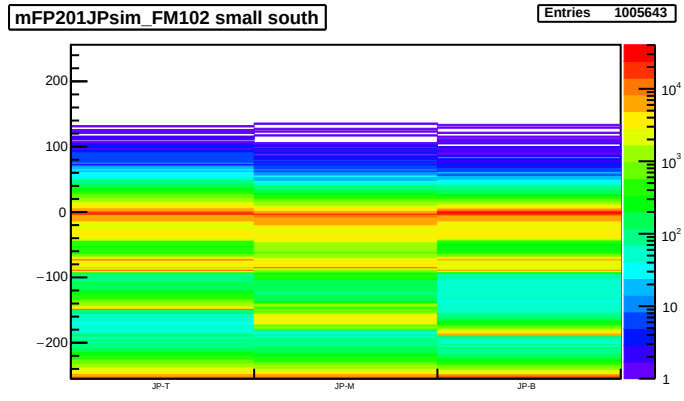

mFP201BS_FM104 large south
Entries 7099125
53122
121460
185509
274485
220884
1.3667e+06
1.29836e+06
1.23432e+06
1.14534e+06
1.19894e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

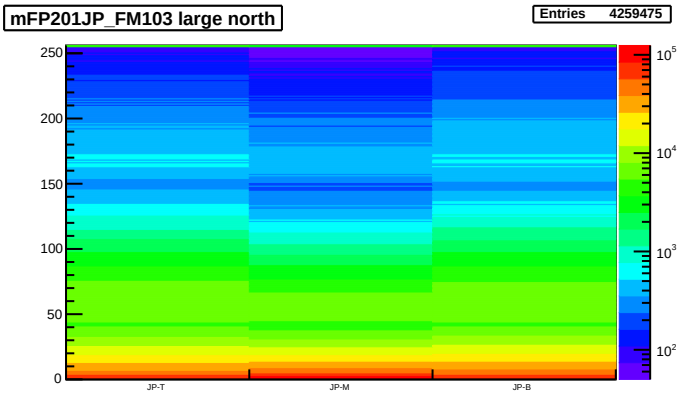

mFP201BSsim_FM104 large south
Entries 864907
1
342
81255
788
94282
165818
164916
60375
232865
64265
BS3
BS2
BS1-T
BS1-M
BS1-B

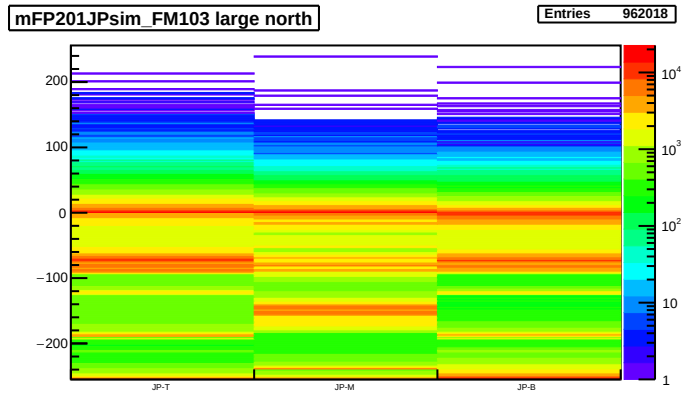

mFP201JP_FM101 small north
Entries 4259475
JP-T
JP-M
JP-B

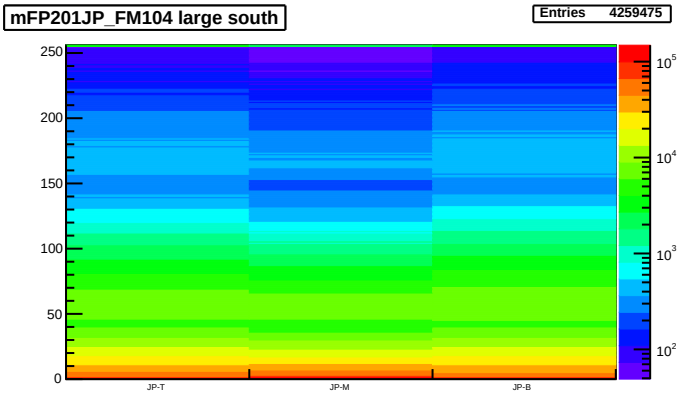

mFP201JPsim_FM101 small north
Entries 941374
JP-T
JP-M
JP-B

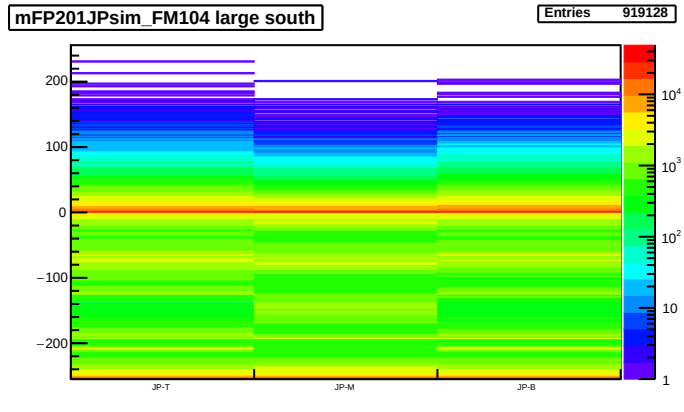

mFP201JP_FM102 small south
Entries 4259475
JP-T
JP-M
JP-B

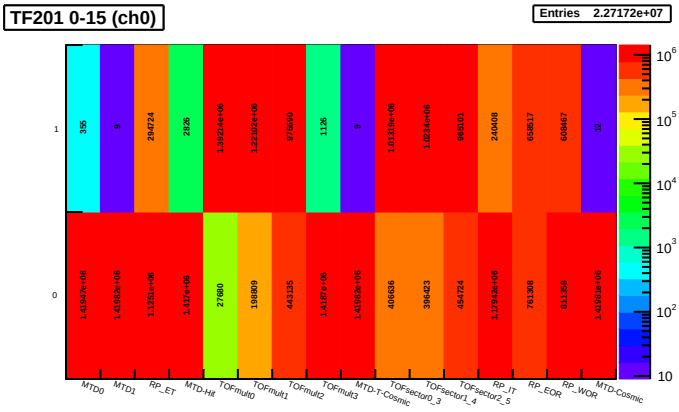

mFP201JPsim_FM102 small south
Entries 1005643
JP-T
JP-M
JP-B

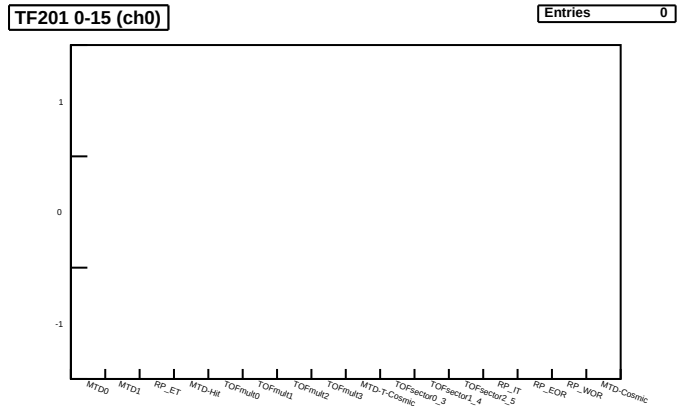

mFP201JP_FM103 large north
Entries 4259475
JP-T
JP-M
JP-B

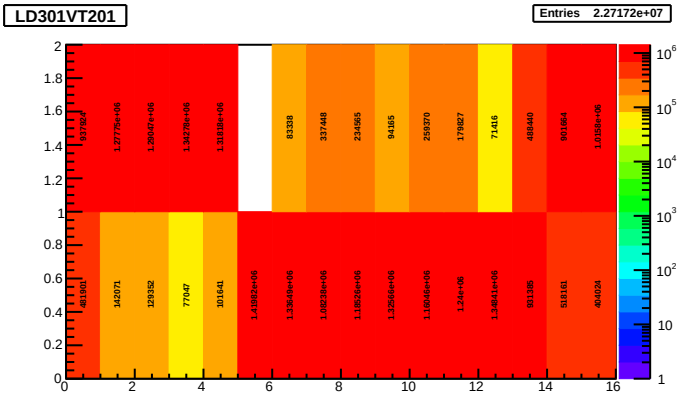

mFP201JPsim_FM103 large north
Entries 962018
JP-T
JP-M
JP-B

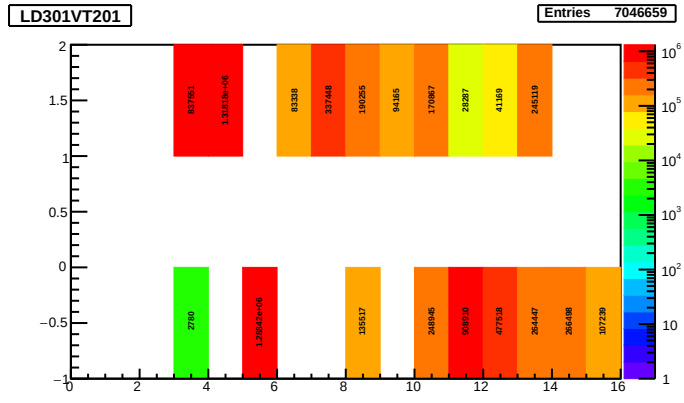

mFP201JP_FM104 large south
Entries 4259475
JP-T
JP-M
JP-B

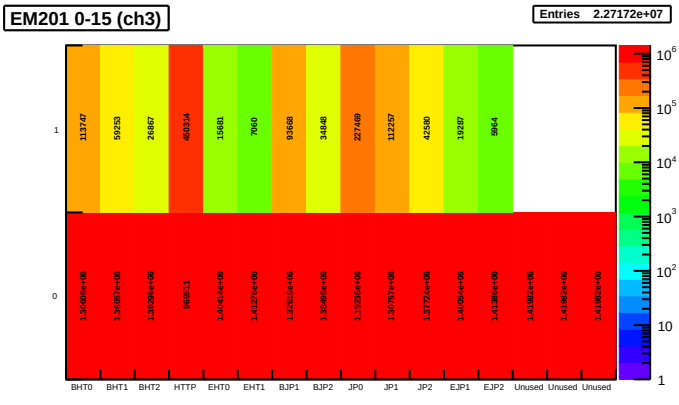

mFP201JPsim_FM104 large south
Entries 919128
JP-T
JP-M
JP-B

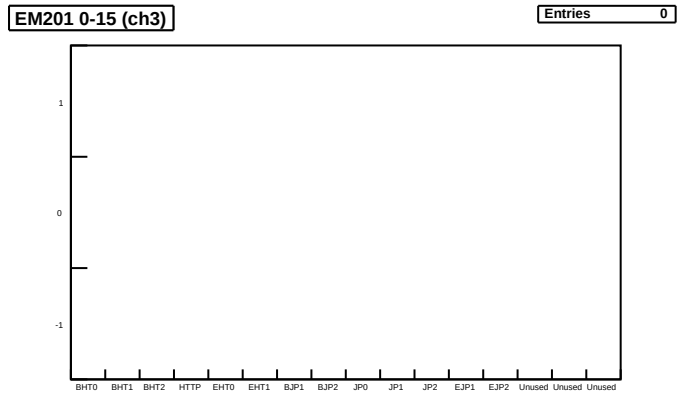

TF201 0-15 (ch0)
Entries 2.27172e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

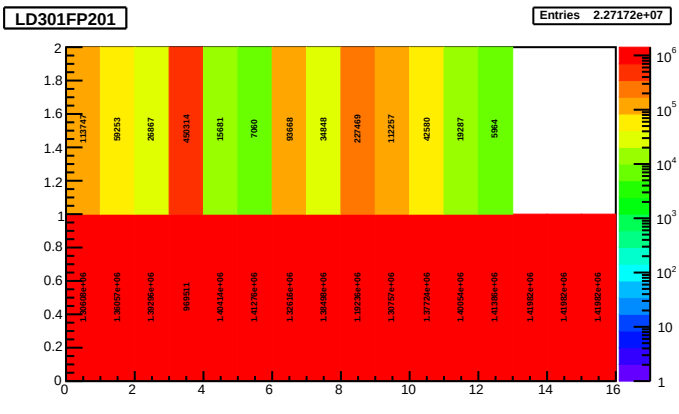

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

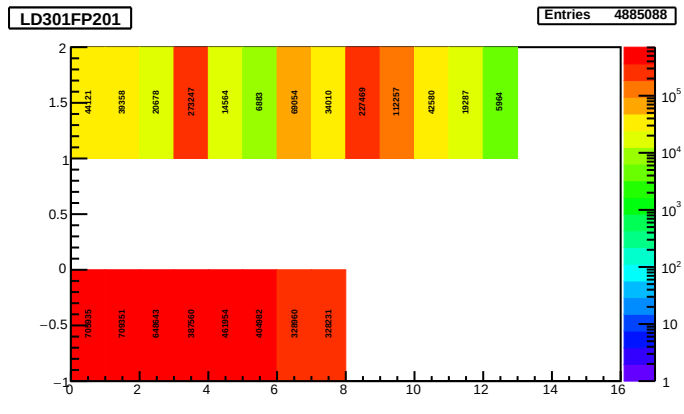

LD301VT201
Entries 2.27172e+07


LD301VT201
Entries 7046659


EM201 0-15 (ch3)
Entries 2.27172e+07
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 2.27172e+07


LD301FP201
Entries 4885088