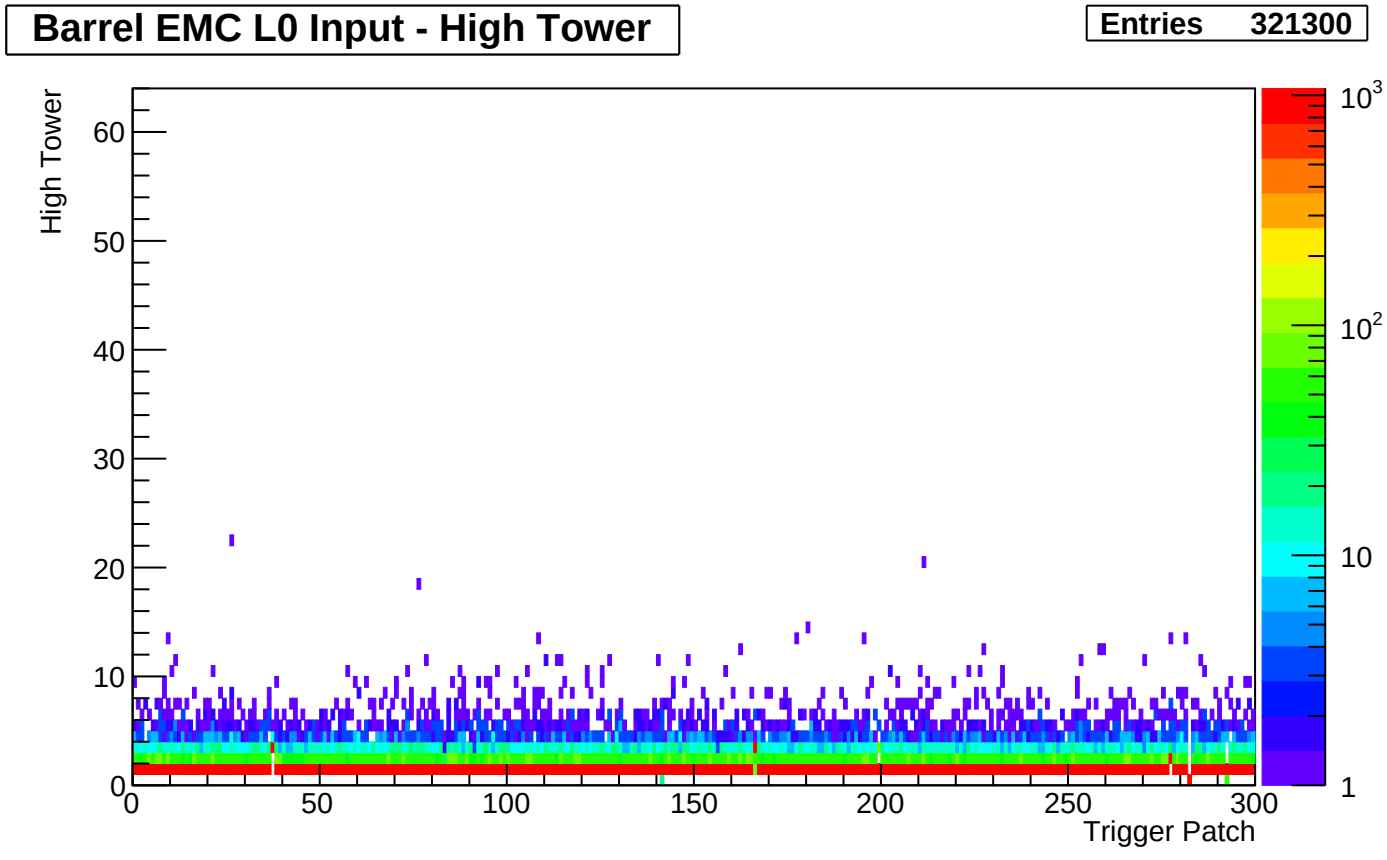
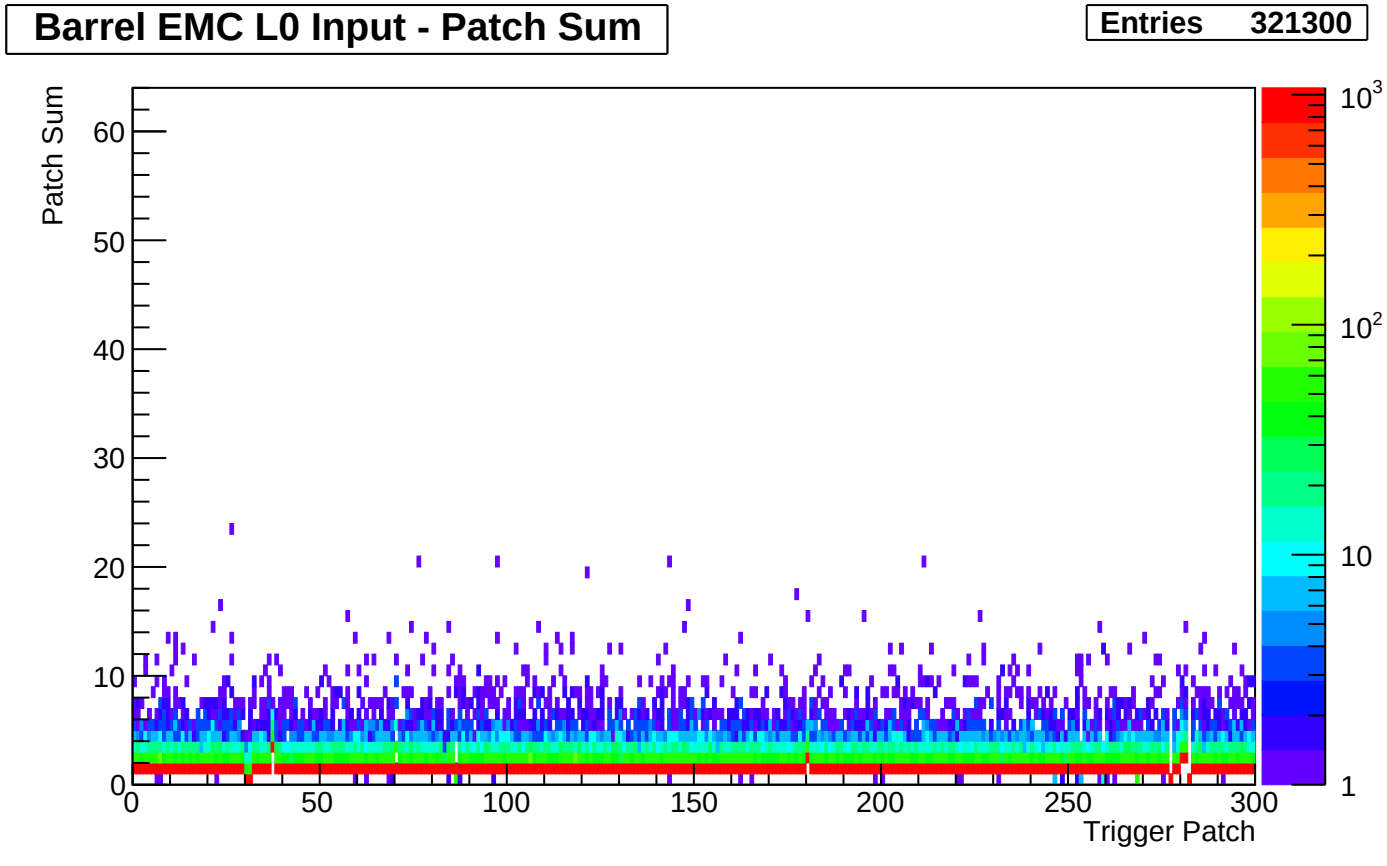
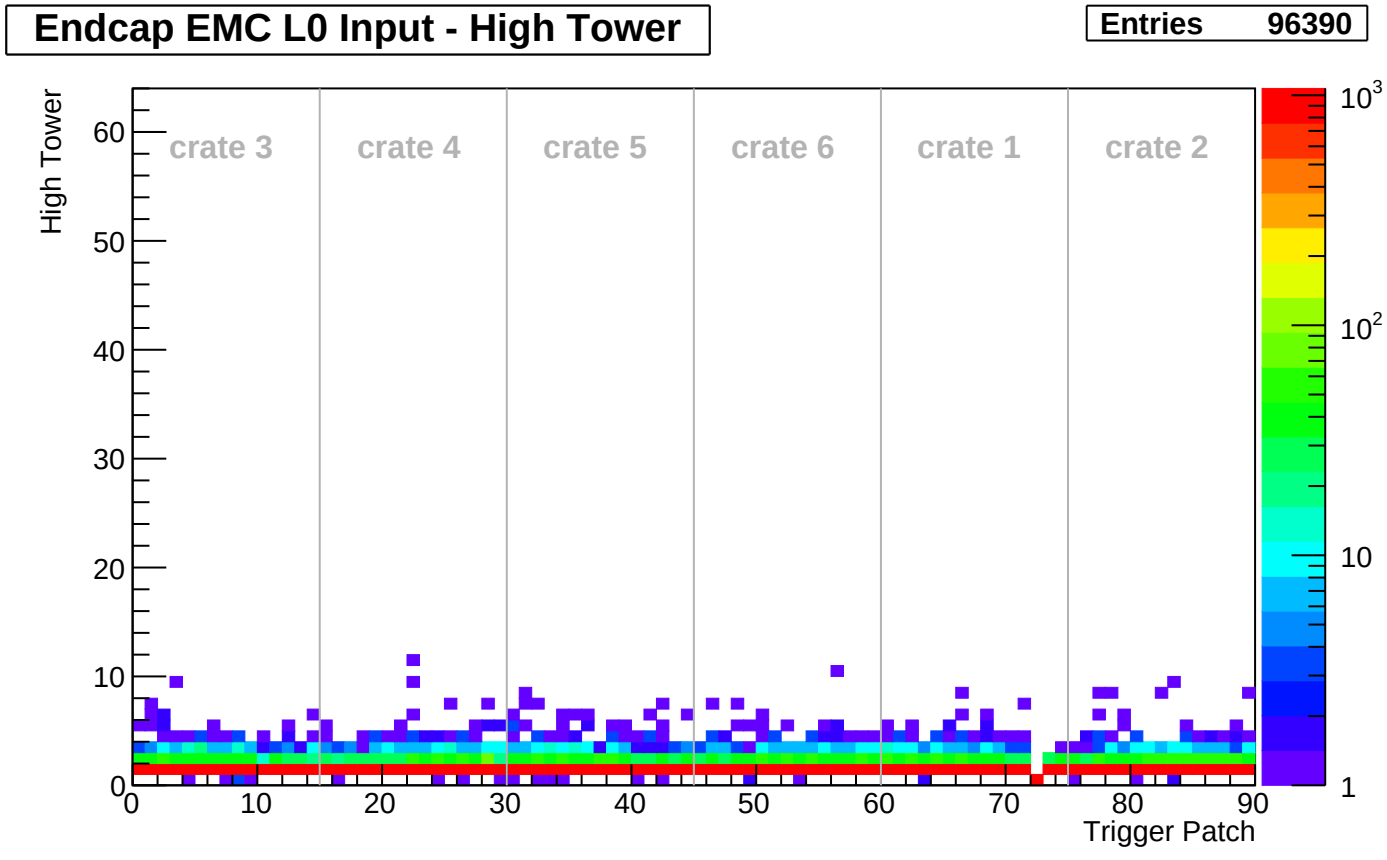
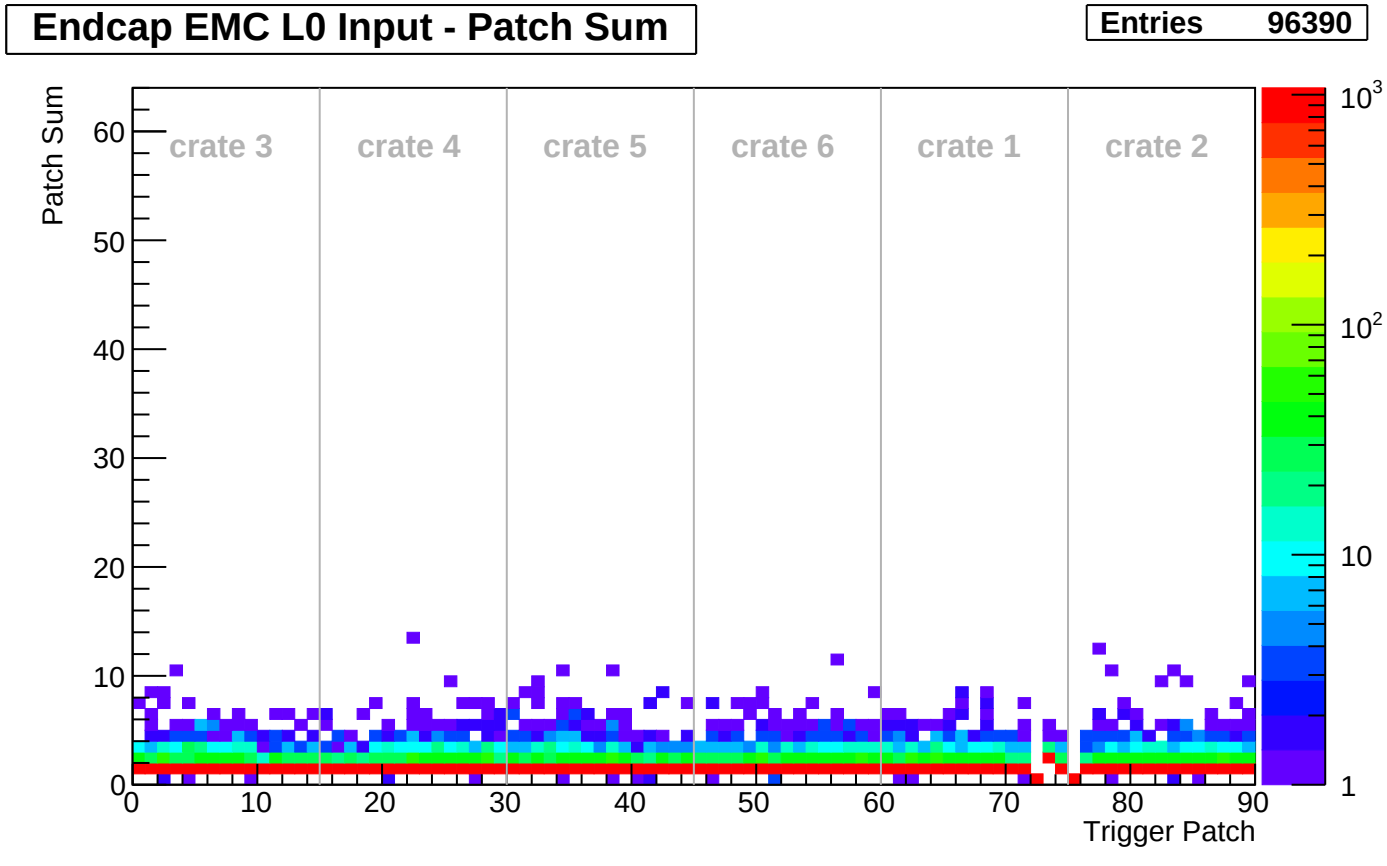
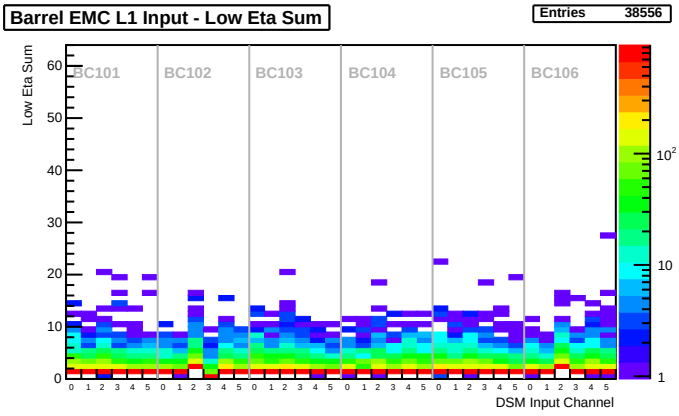
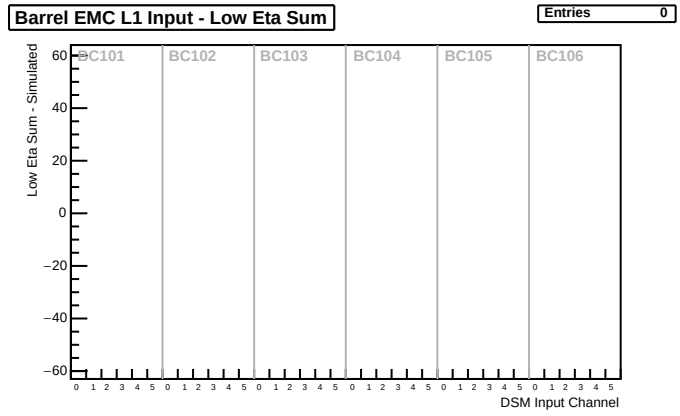

Barrel EMC L0 Input - High Tower
Entries 321300
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

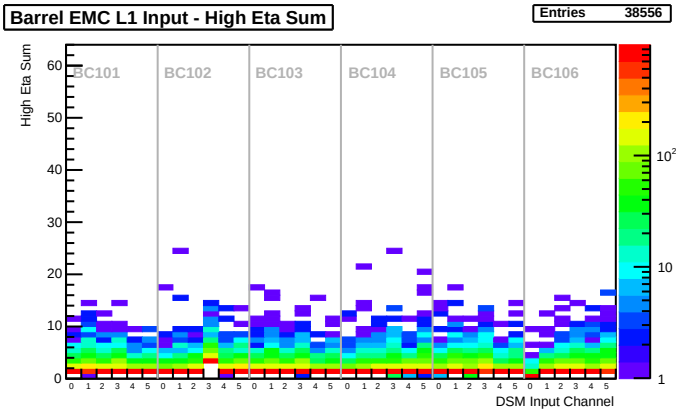

Barrel EMC L0 Input - Patch Sum
Entries 321300
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3

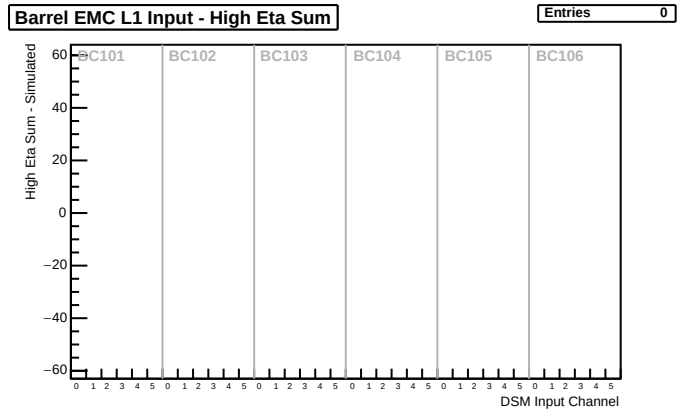

Endcap EMC L0 Input - High Tower
Entries 96390
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

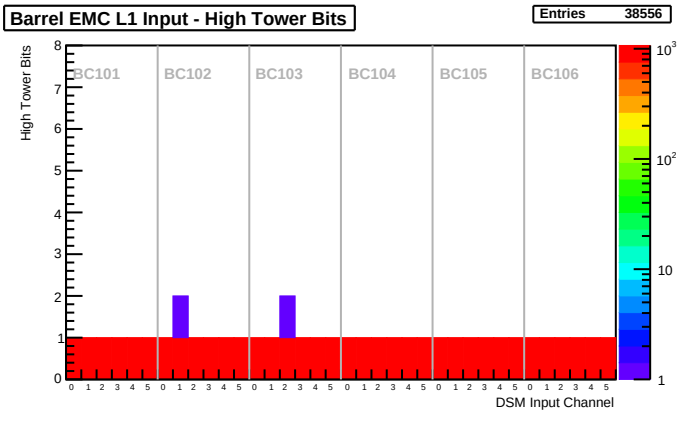

Endcap EMC L0 Input - Patch Sum
Entries 96390
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch
0
10
20
30
40
50
60
70
80
90
1
10
10^2
10^3

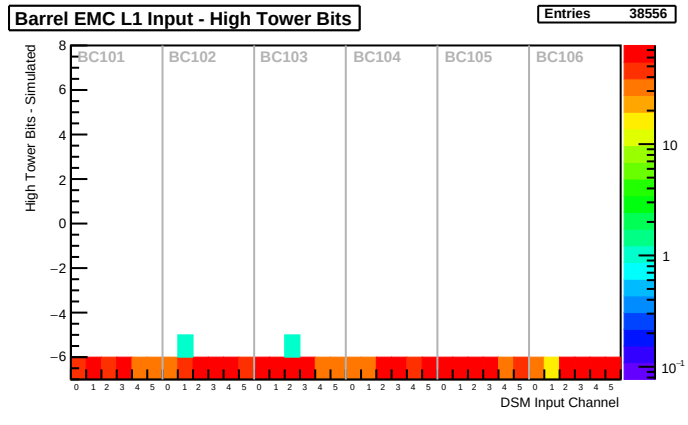

Barrel EMC L1 Input - Low Eta Sum
Entries 38556
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

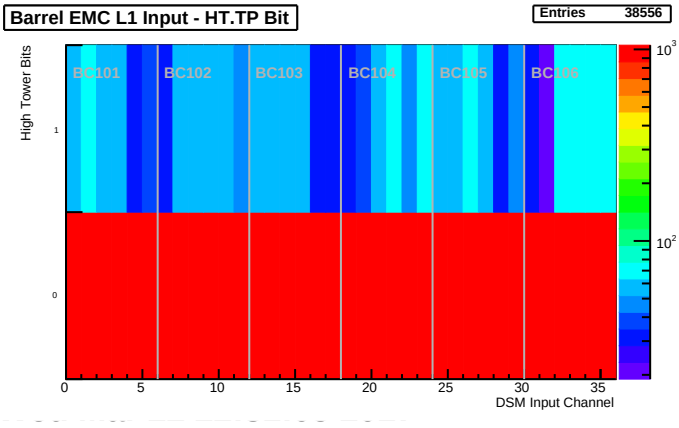

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

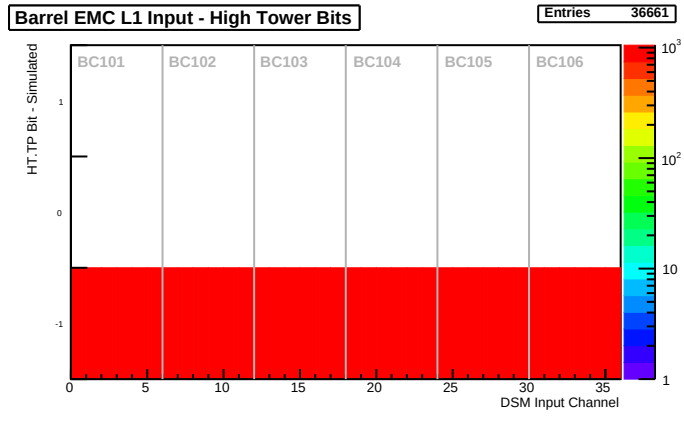

Barrel EMC L1 Input - High Eta Sum
Entries 38556
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

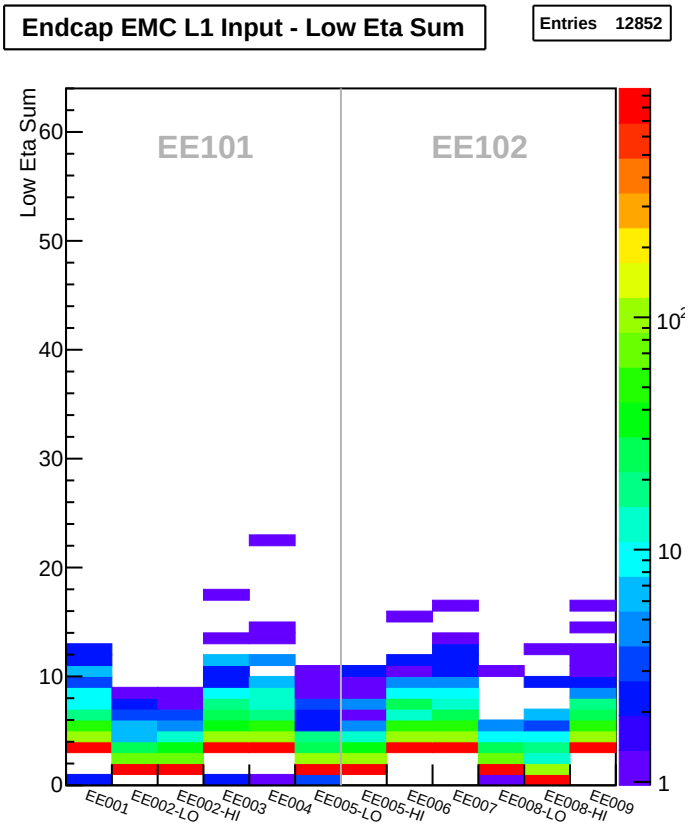

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

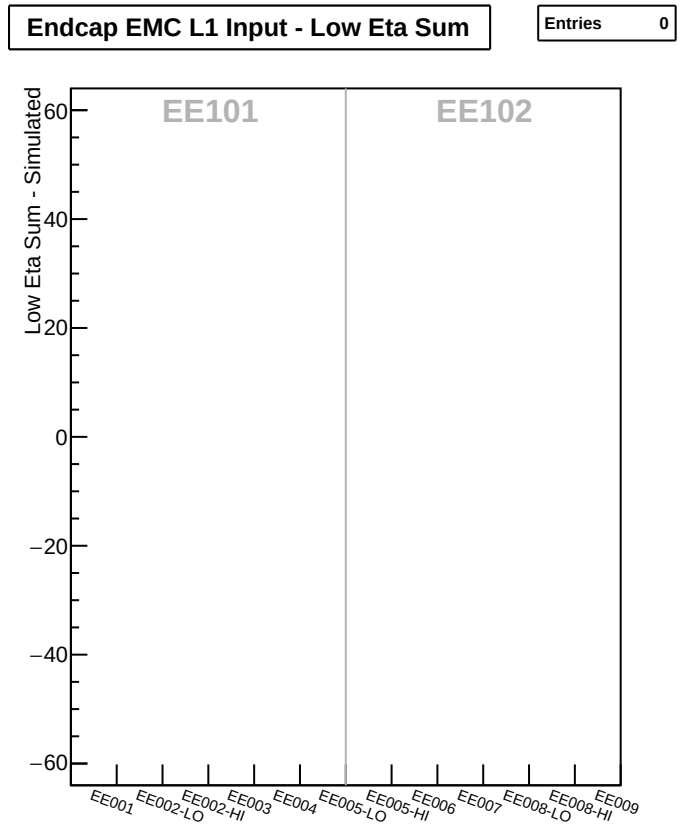

Barrel EMC L1 Input - High Tower Bits
Entries 38556
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

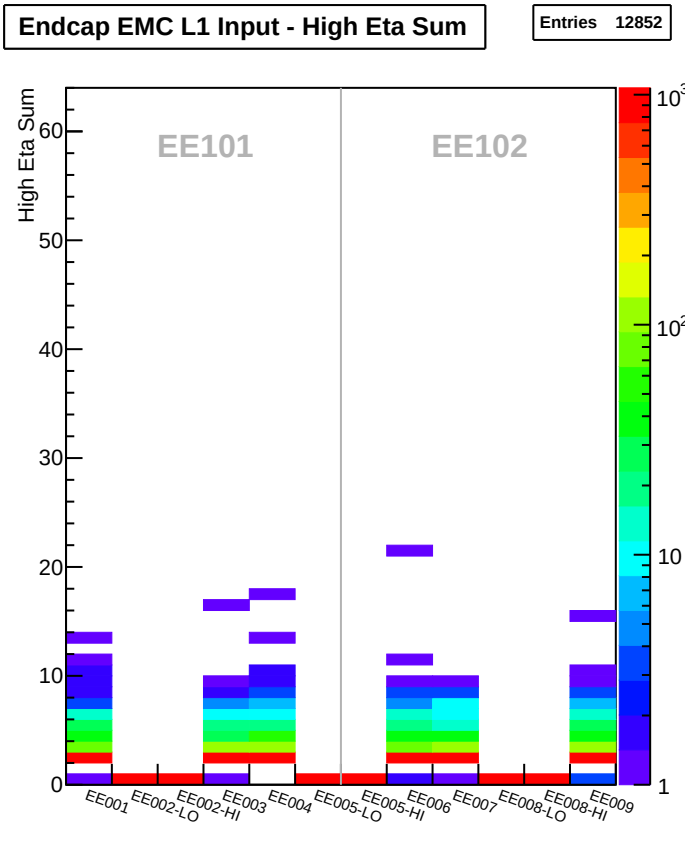

Barrel EMC L1 Input - High Tower Bits
Entries 38556
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

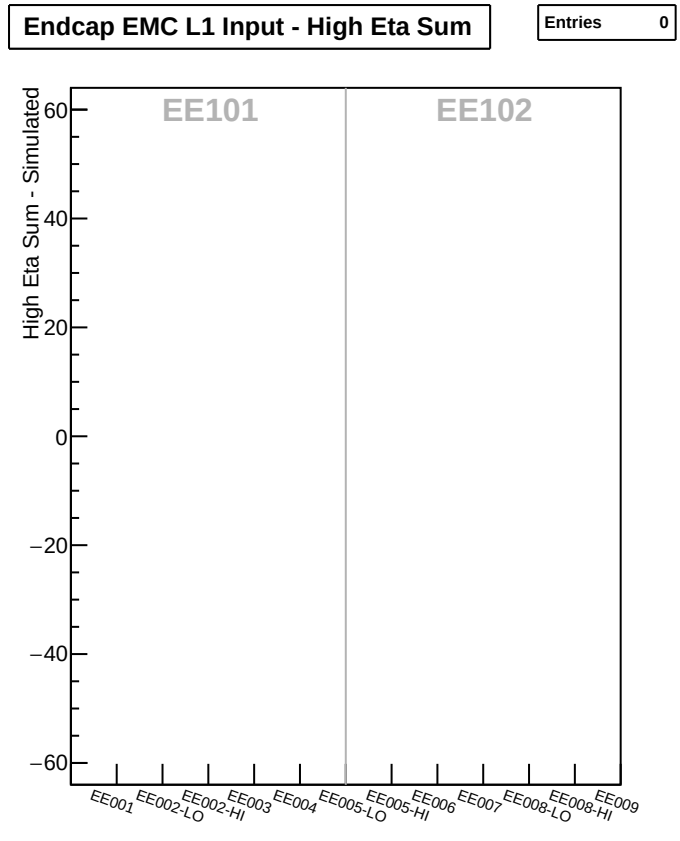

Barrel EMC L1 Input - HT.TP Bit
Entries 38556
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

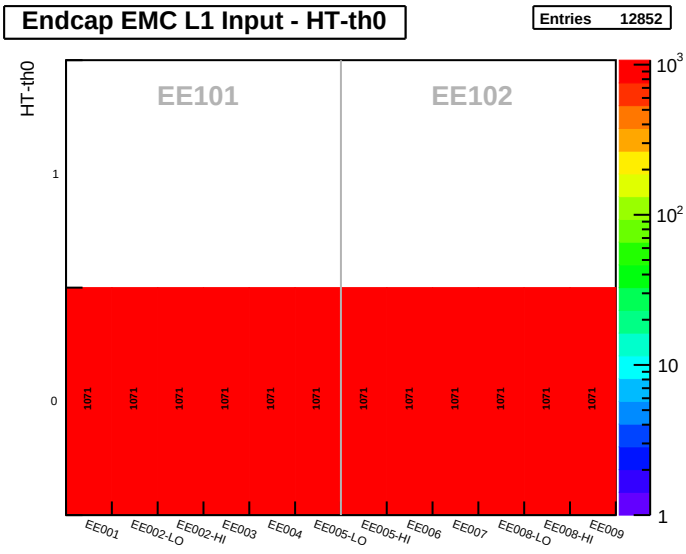

Barrel EMC L1 Input - High Tower Bits
Entries 36661
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

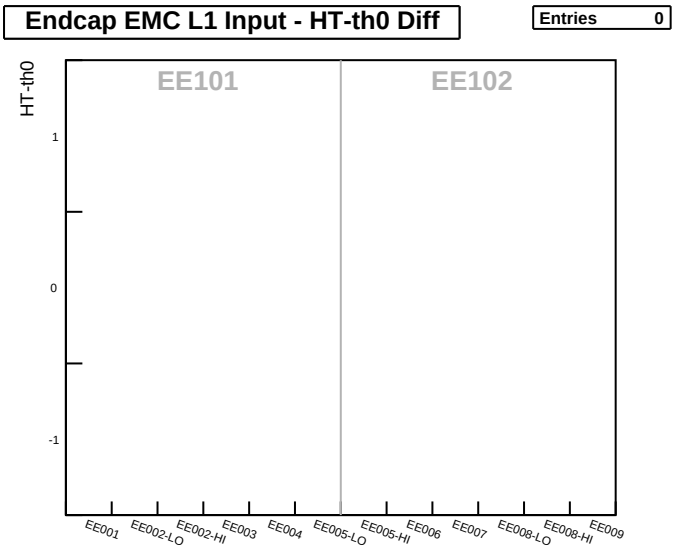

Endcap EMC L1 Input - Low Eta Sum
Entries 12852
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

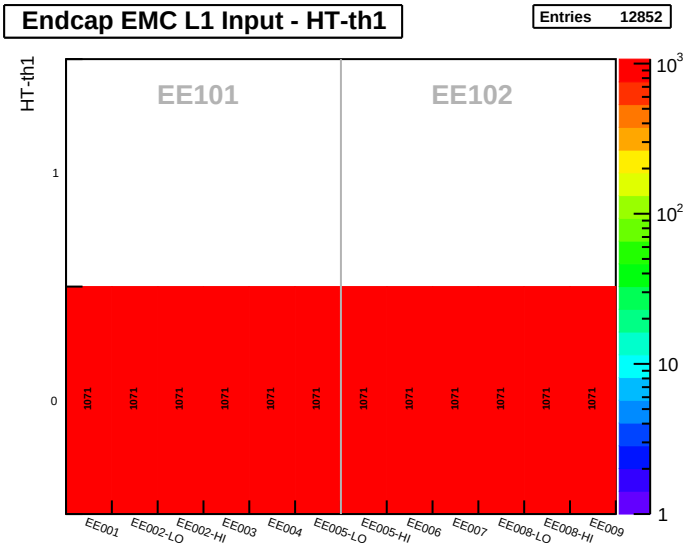

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

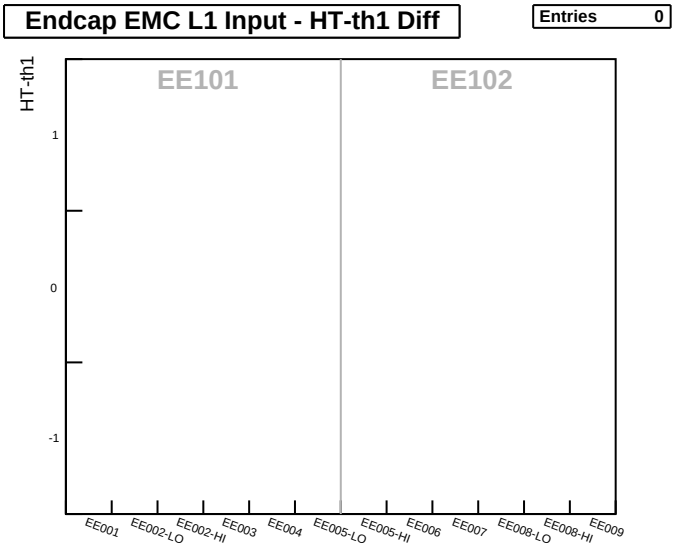

Endcap EMC L1 Input - High Eta Sum
Entries 12852
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

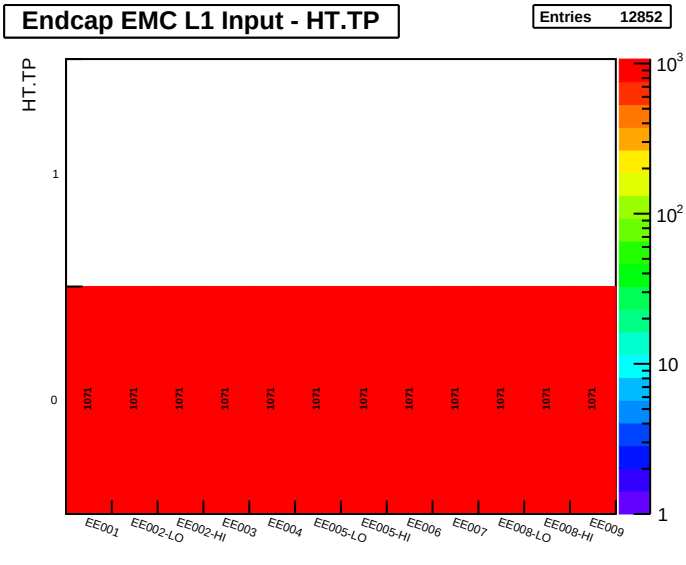

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

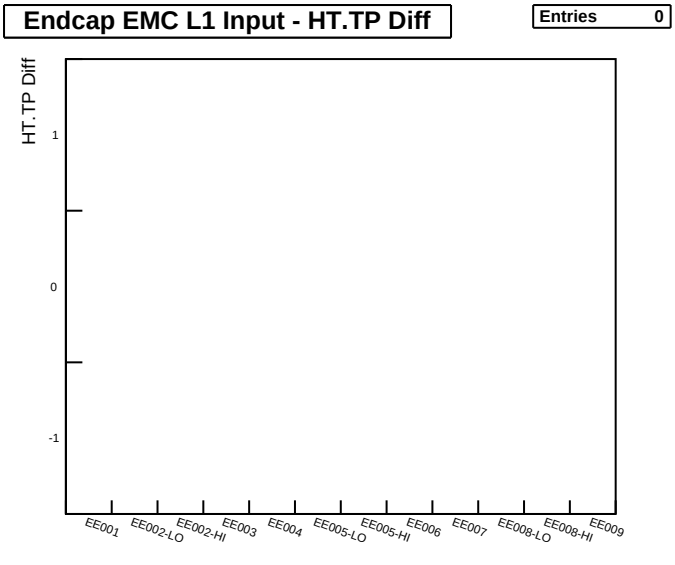

Endcap EMC L1 Input - HT-th0
Entries 12852
HT-th0
EE101
EE102
1071
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

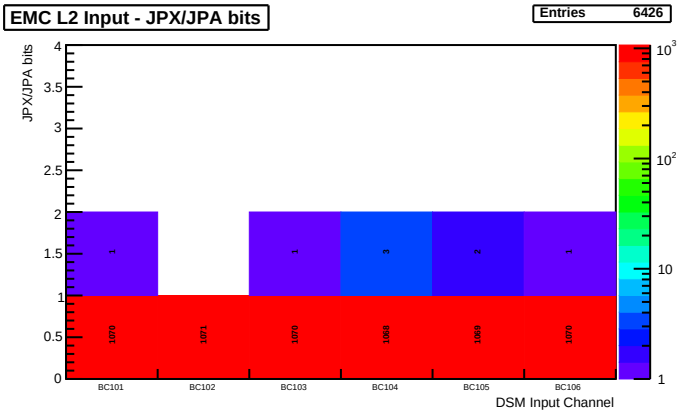

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

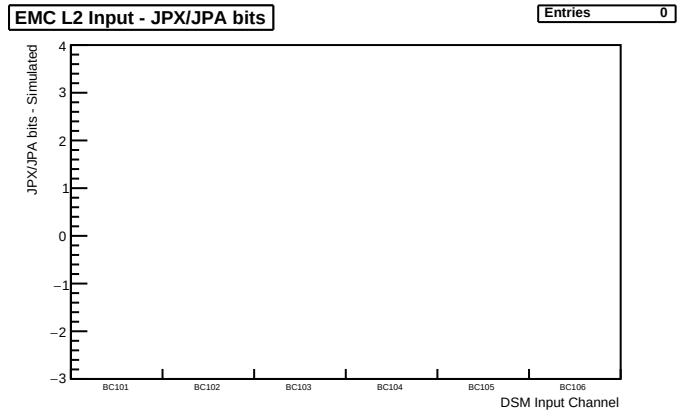

Endcap EMC L1 Input - HT-th1
Entries 12852
HT-th1
EE101
EE102
1071
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

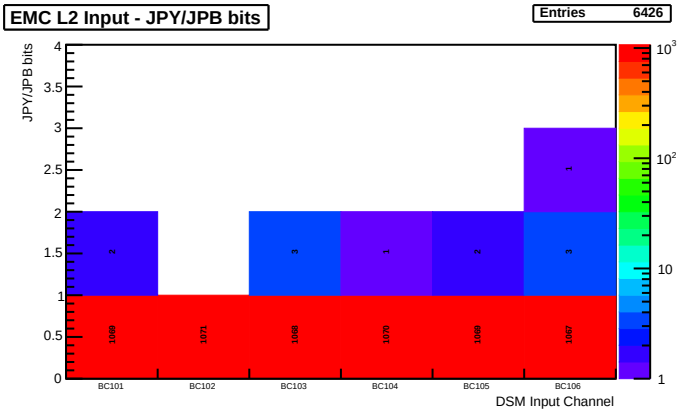

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

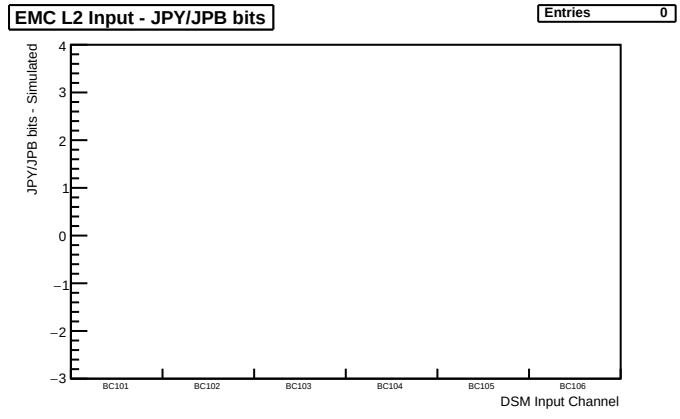

Endcap EMC L1 Input - HT.TP
Entries 12852
HT.TP
1071
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

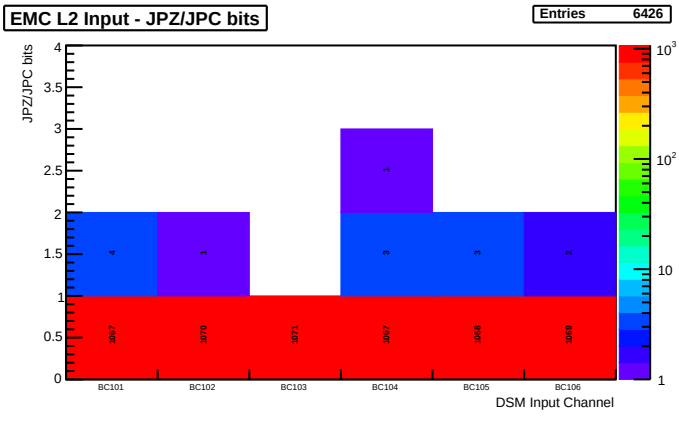

Endcap EMC L1 Input - HT.TP Diff
Entries 0
HT.TP Diff
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

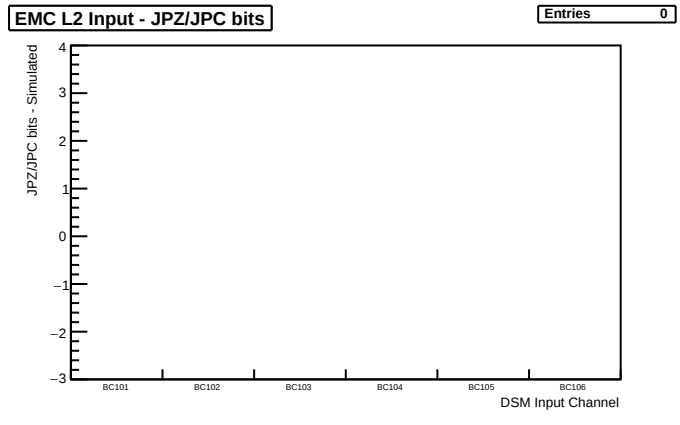

EMC L2 Input - JPX/JPA bits
Entries 6426
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

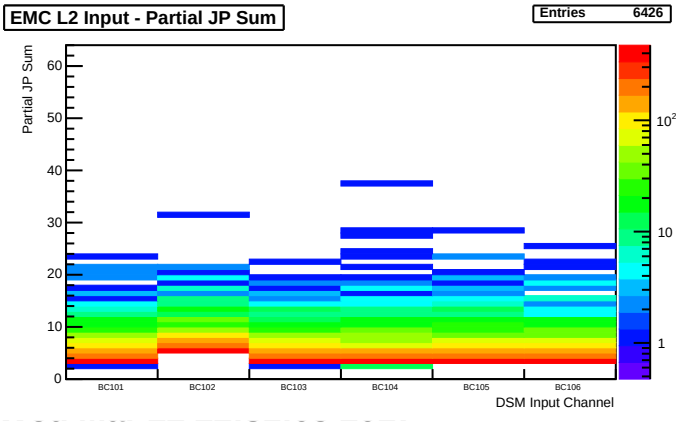

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

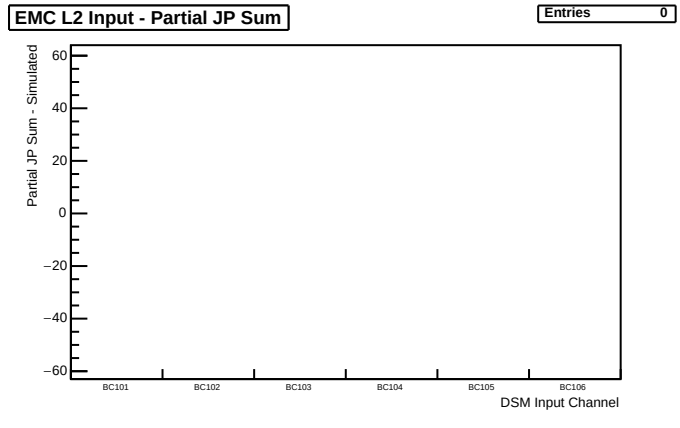

EMC L2 Input - JPY/JPB bits
Entries 6426
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

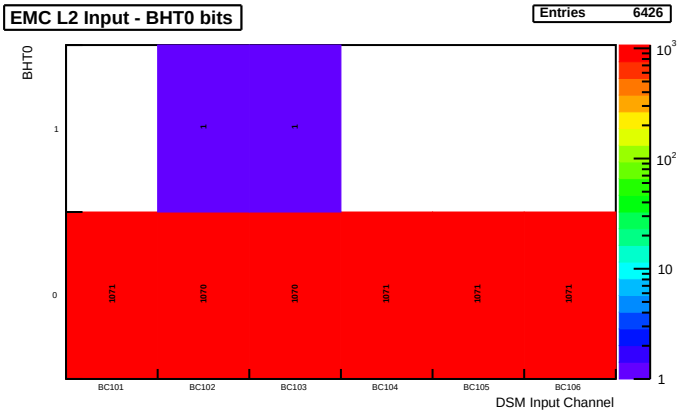

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

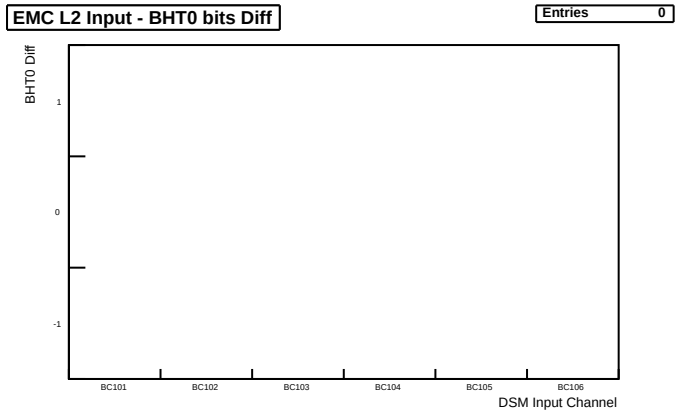

EMC L2 Input - JPZ/JPC bits
Entries 6426
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

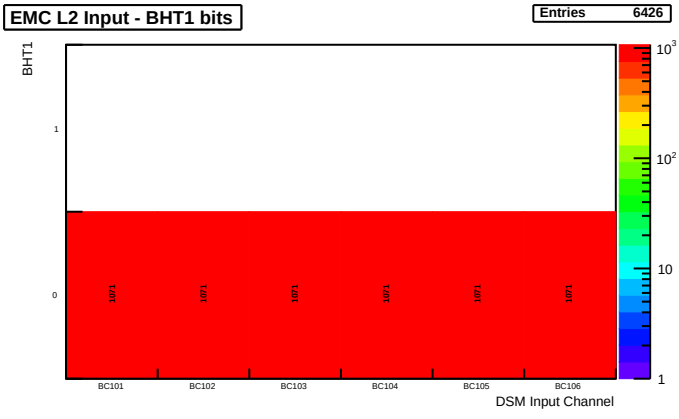

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

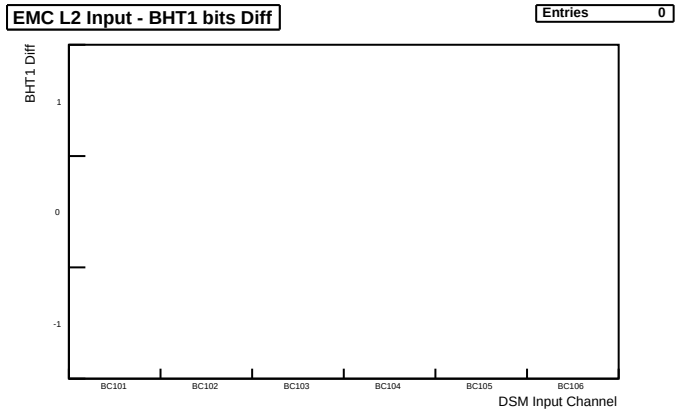

EMC L2 Input - Partial JP Sum
Entries 6426
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

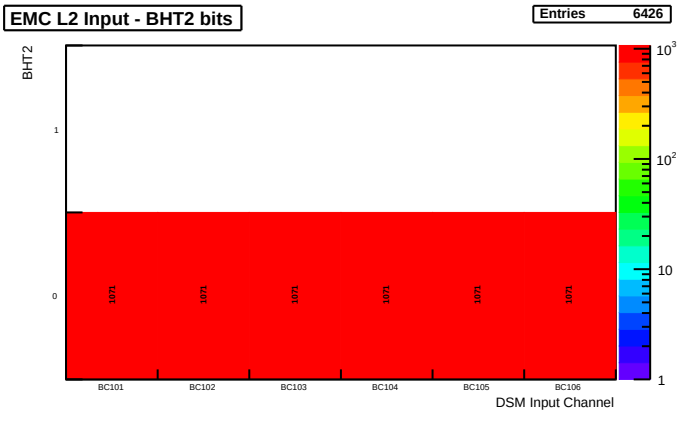

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

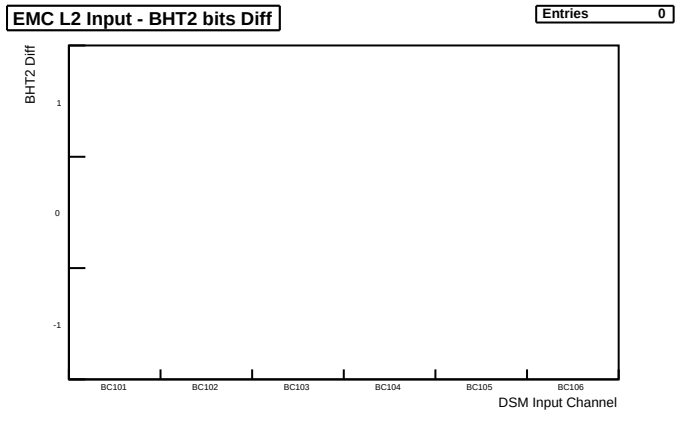

EMC L2 Input - BHT0 bits
Entries 6426
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

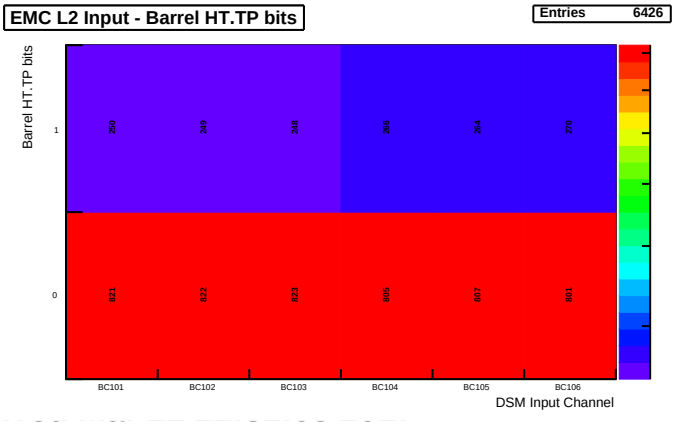

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

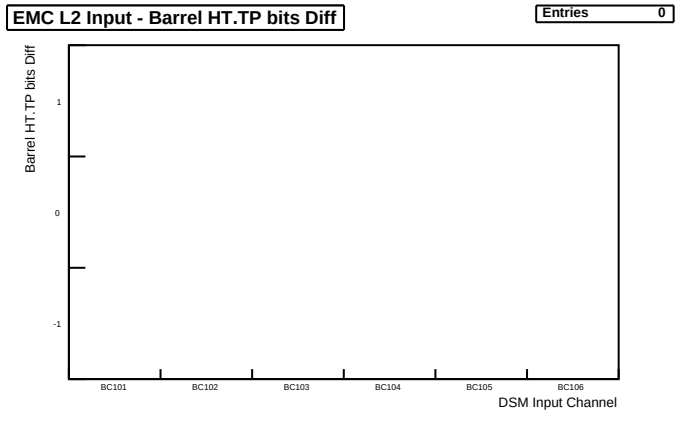

EMC L2 Input - BHT1 bits
Entries 6426
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

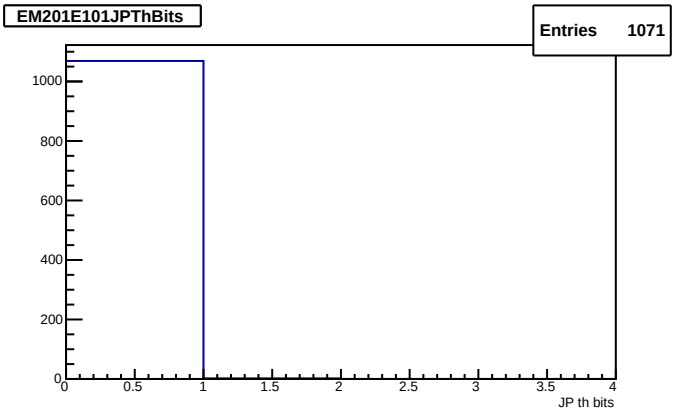

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

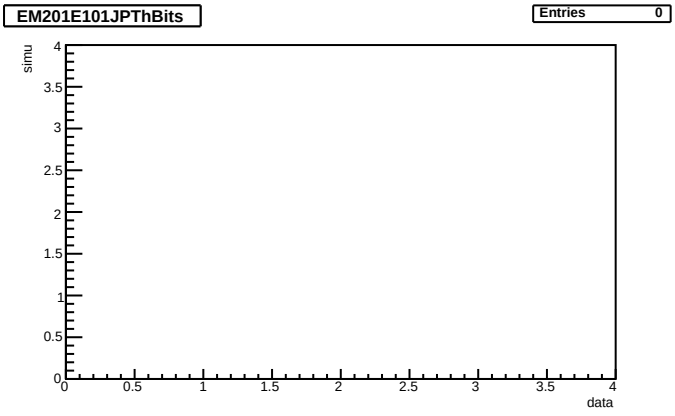

EMC L2 Input - BHT2 bits
Entries 6426
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

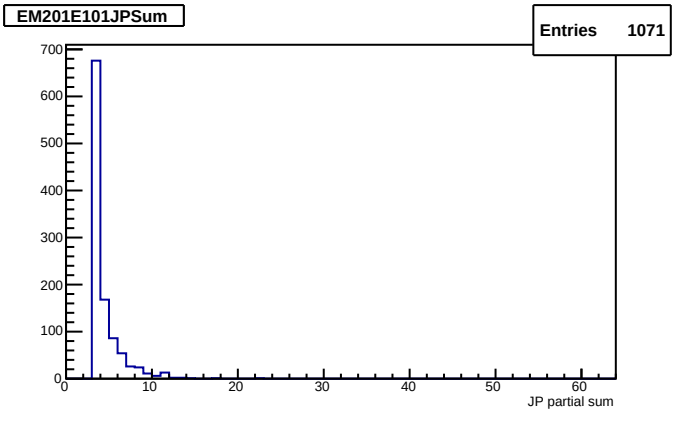

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

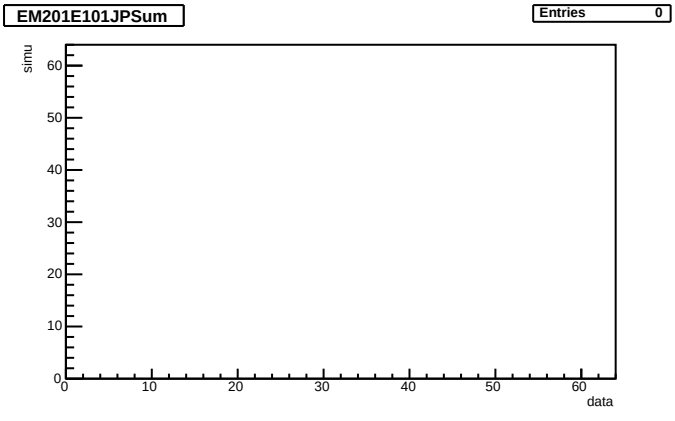

EMC L2 Input - Barrel HT.TP bits
Entries 6426
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

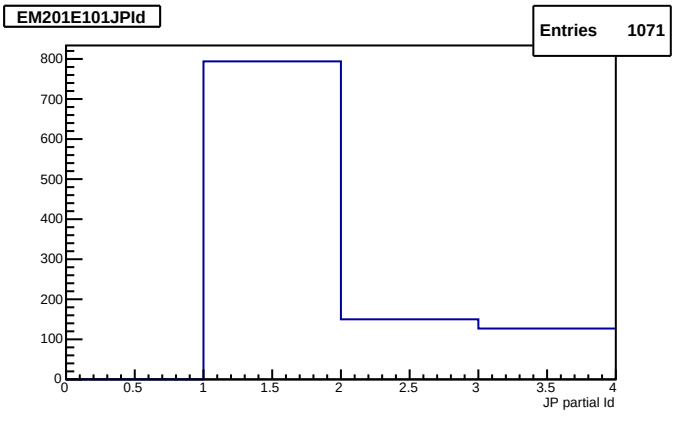

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

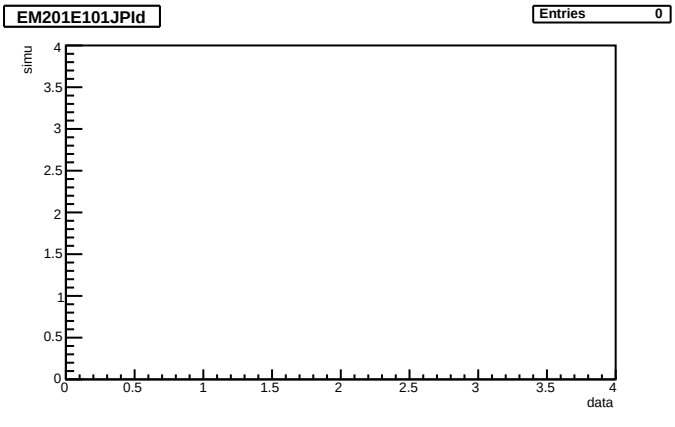

EM201E101JPThBits
Entries 1071
JP th bits

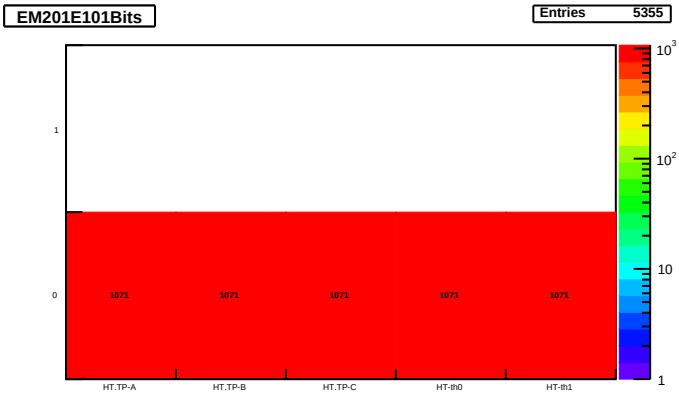

EM201E101JPThBits
Entries 0
simu
data

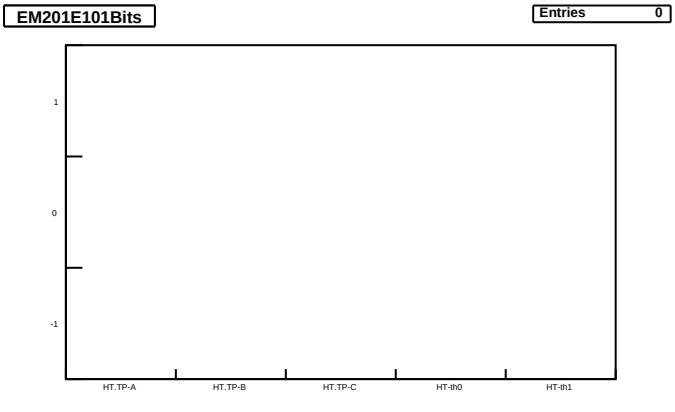

EM201E101JPSum
Entries 1071
JP partial sum

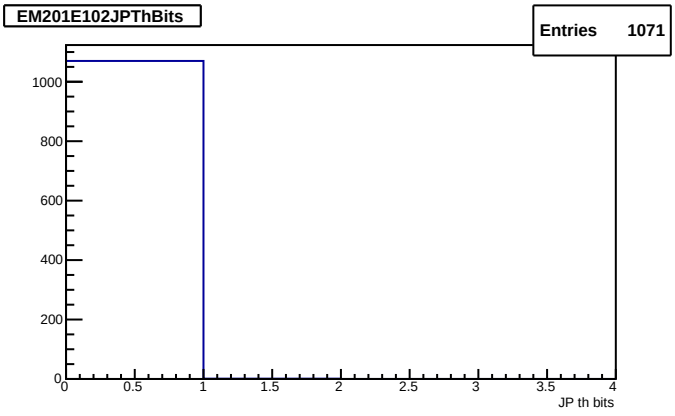

EM201E101JPSum
Entries 0
simu
data

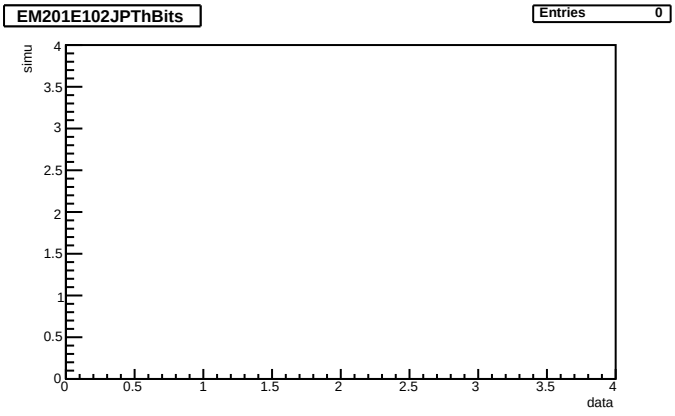

EM201E101JPId
Entries 1071
JP partial Id

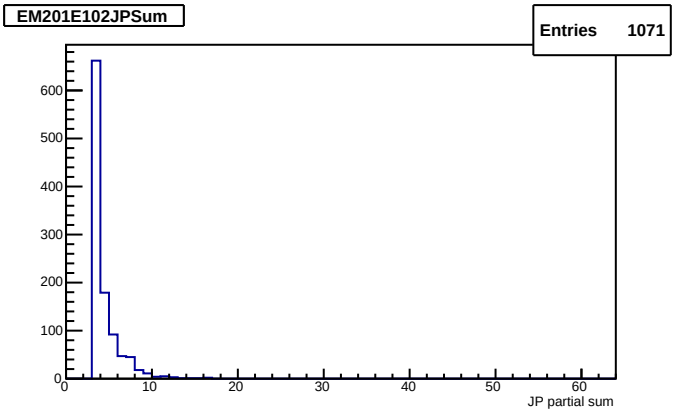

EM201E101JPId
Entries 0
simu
data

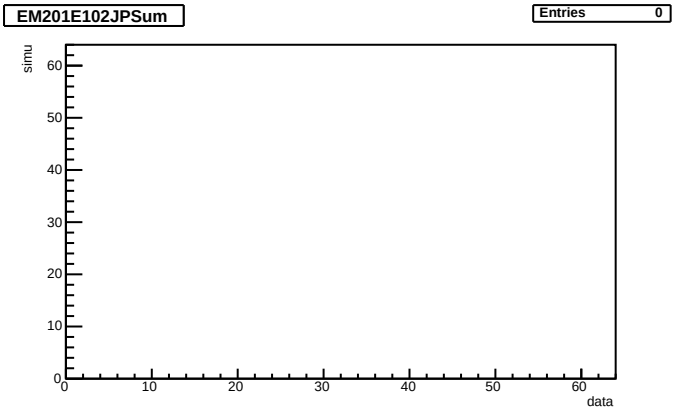

EM201E101Bits
Entries 5355
1071
1071
1071
1071
1071
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

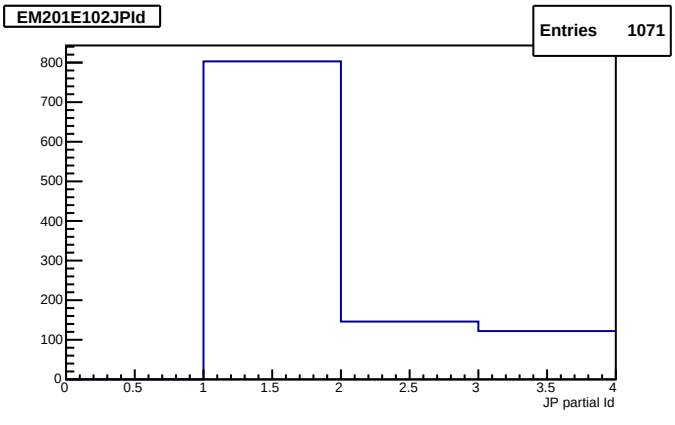

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

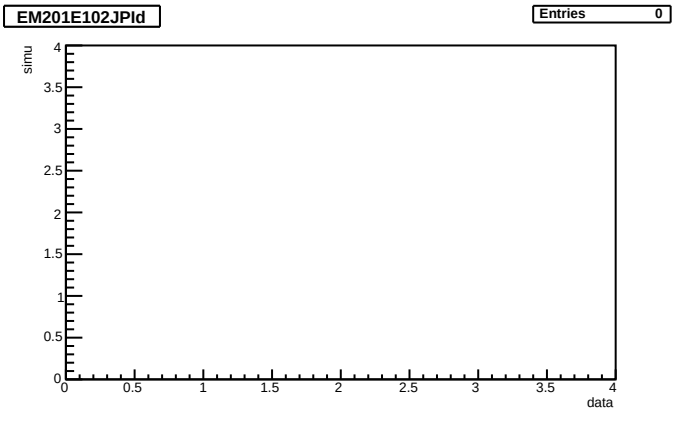

EM201E102JPThBits
Entries 1071
JP th bits

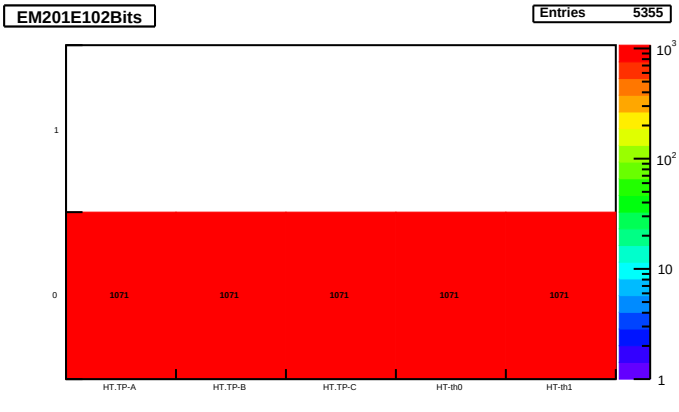

EM201E102JPThBits
Entries 0
simu
data

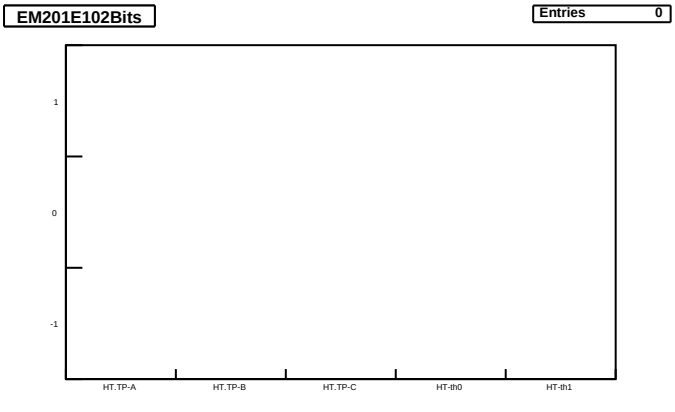

EM201E102JPSum
Entries 1071
JP partial sum

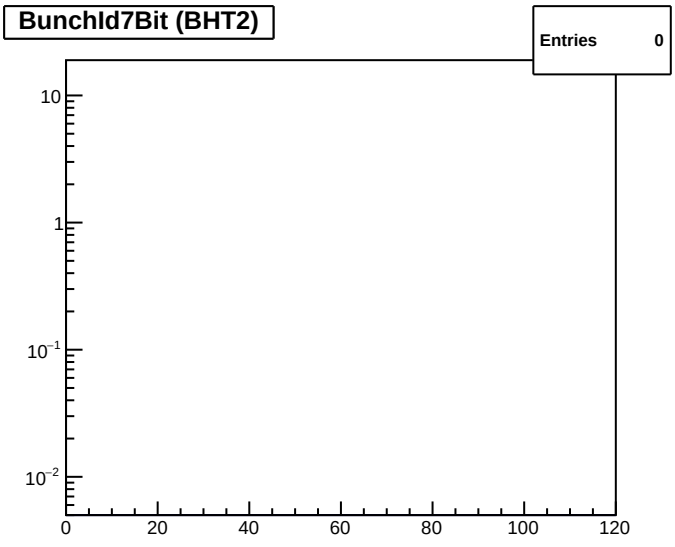

EM201E102JPSum
Entries 0
simu
data

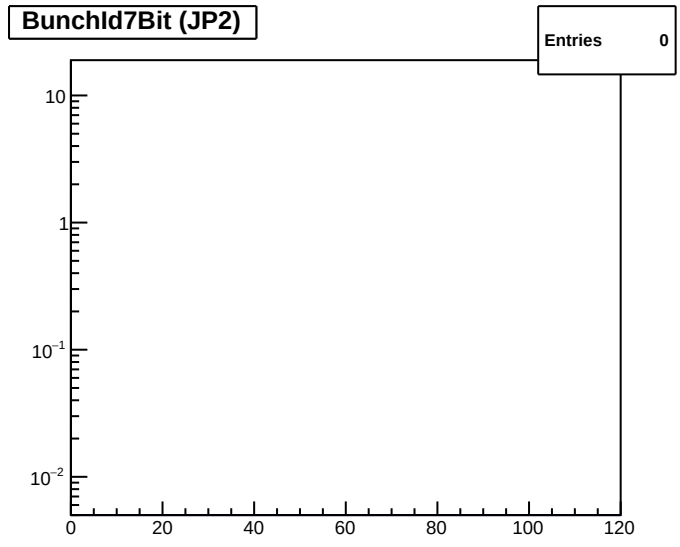

EM201E102JPId
Entries 1071
JP partial Id

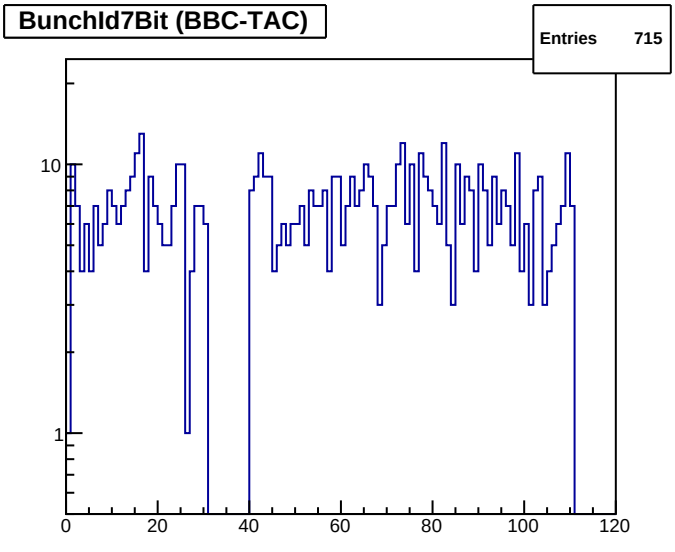

EM201E102JPId
Entries 0
simu
data

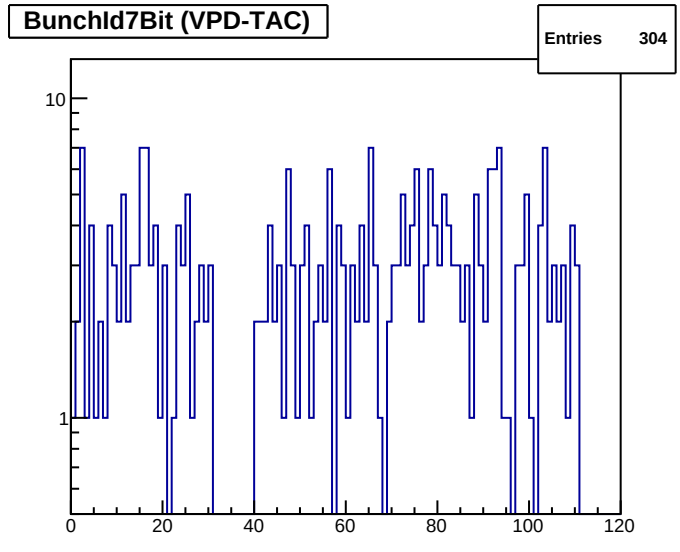

EM201E102Bits
Entries 5355
1071
1071
1071
1071
1071
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

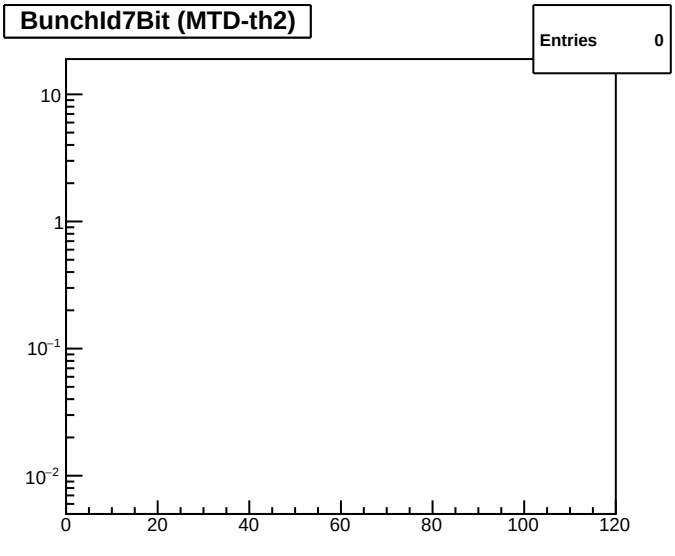

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

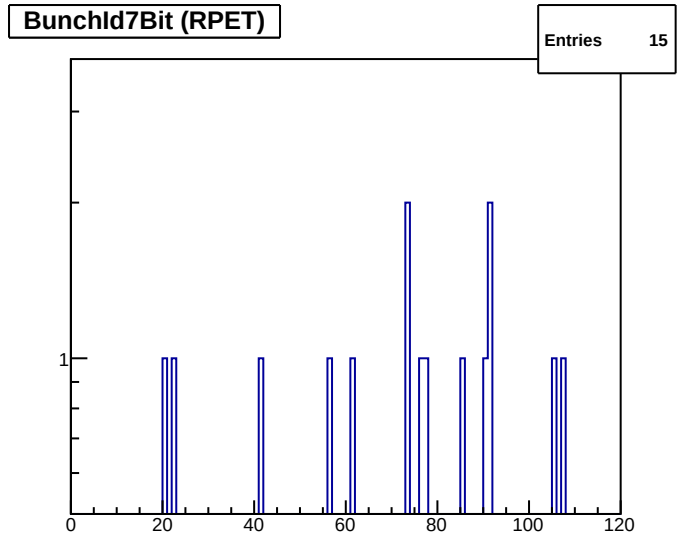

BunchId7Bit (BHT2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

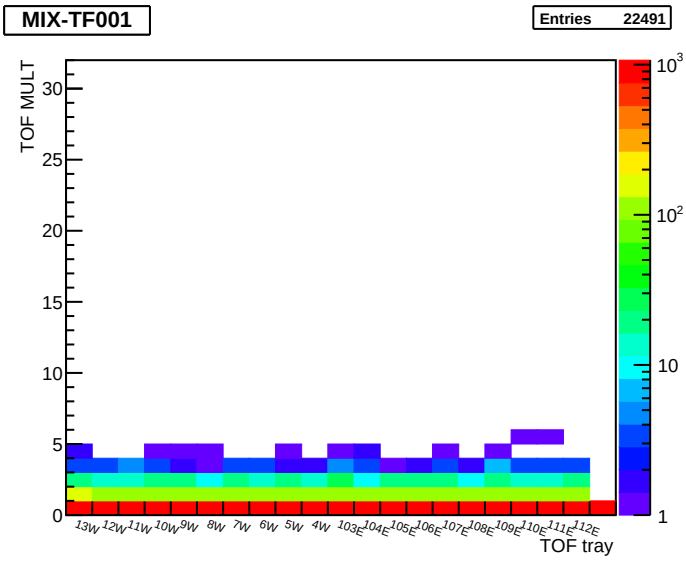

BunchId7Bit (JP2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

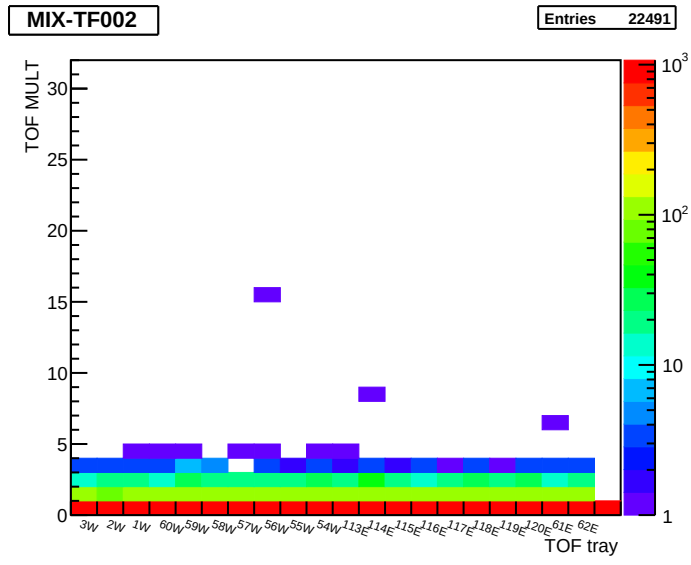

BunchId7Bit (BBC-TAC)
Entries 715
10
1
0 20 40 60 80 100 120

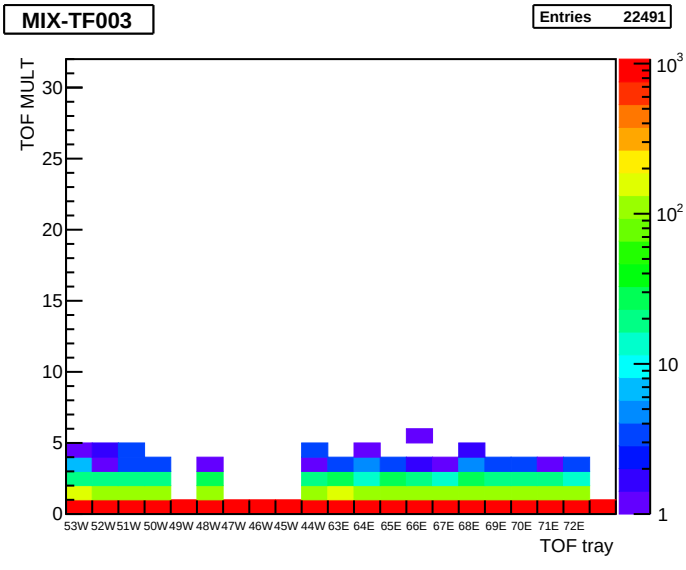

BunchId7Bit (VPD-TAC)
Entries 304
10
1
0 20 40 60 80 100 120

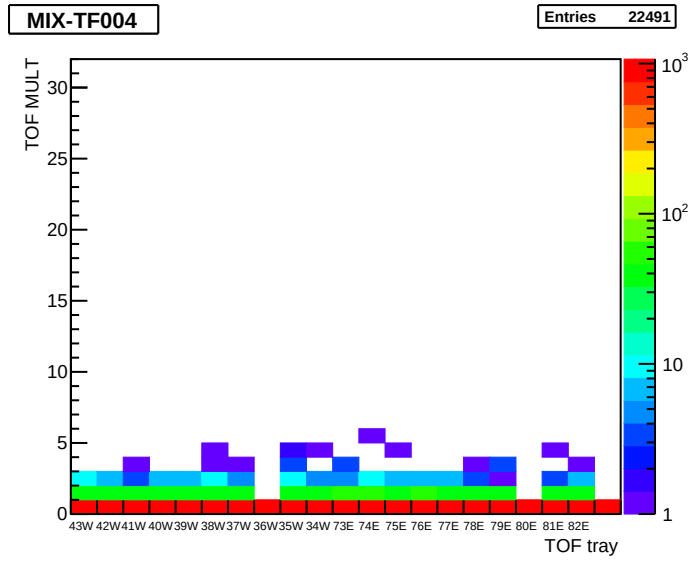

BunchId7Bit (MTD-th2)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

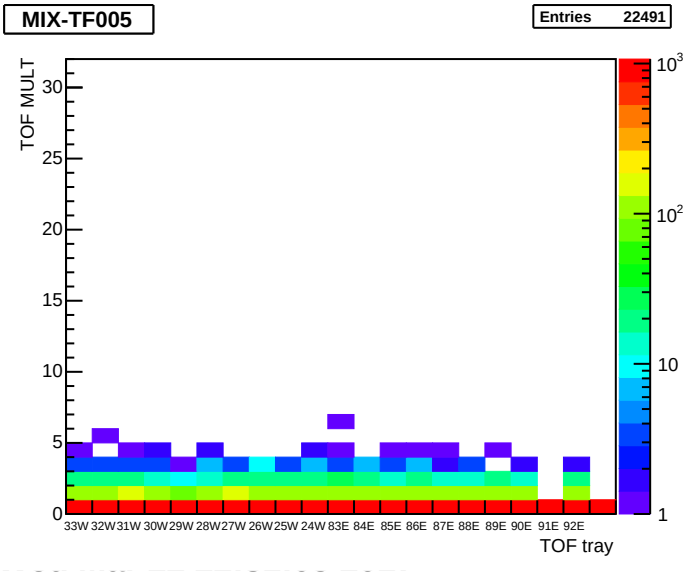

BunchId7Bit (RPET)
Entries 15
1
0 20 40 60 80 100 120

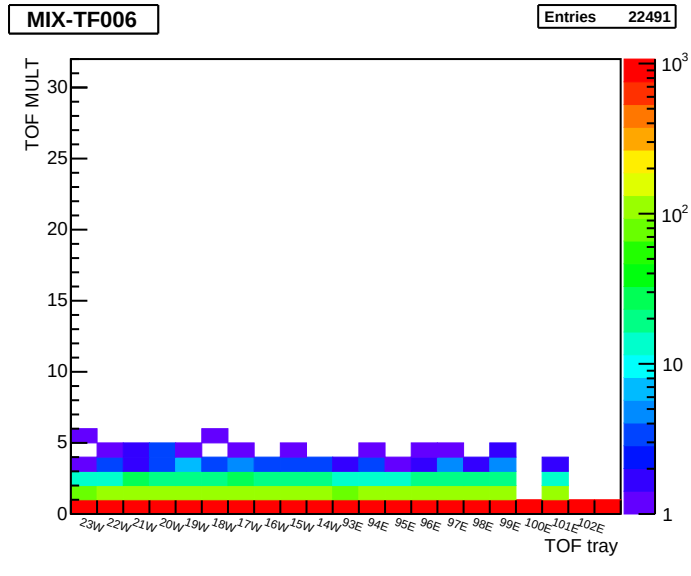

MIX-TF001
Entries 22491
TOF MULT
TOF tray

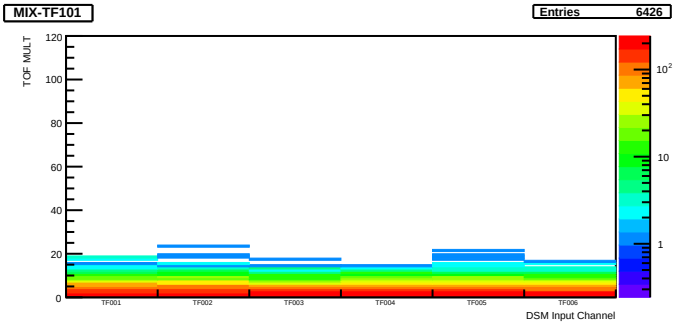

MIX-TF002
Entries 22491
TOF MULT
TOF tray

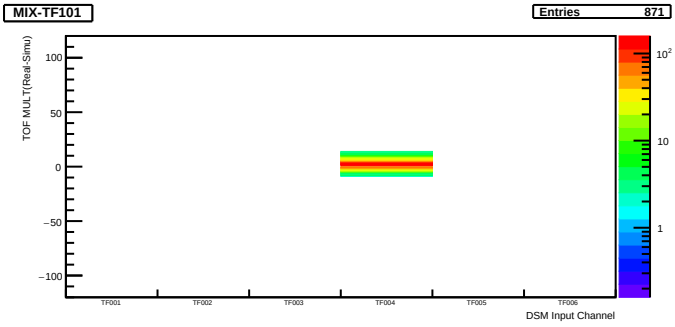

MIX-TF003
Entries 22491
TOF MULT
TOF tray

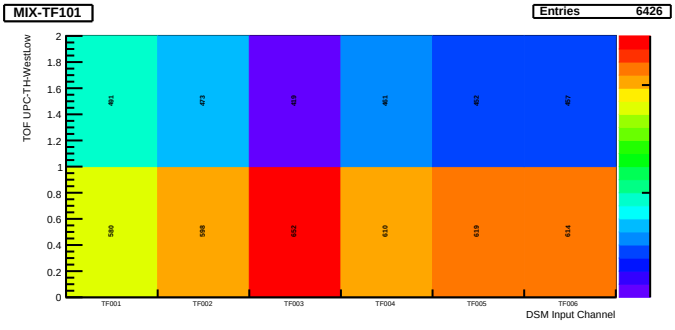

MIX-TF004
Entries 22491
TOF MULT
TOF tray

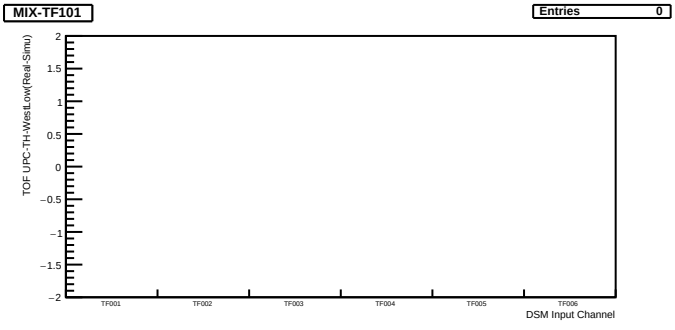

MIX-TF005
Entries 22491
TOF MULT
TOF tray

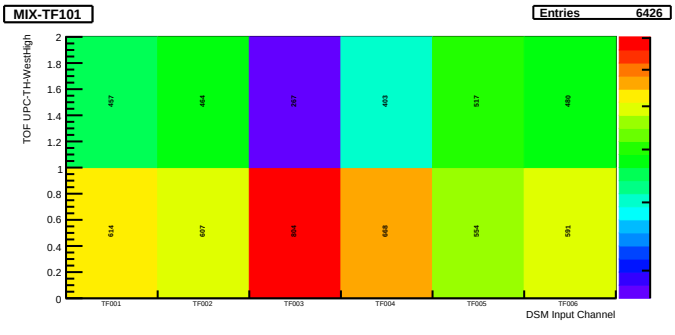

MIX-TF006
Entries 22491
TOF MULT
TOF tray

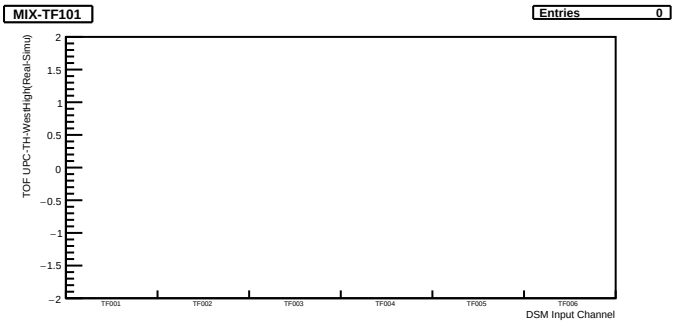

MIX-TF101
Entries 6426
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

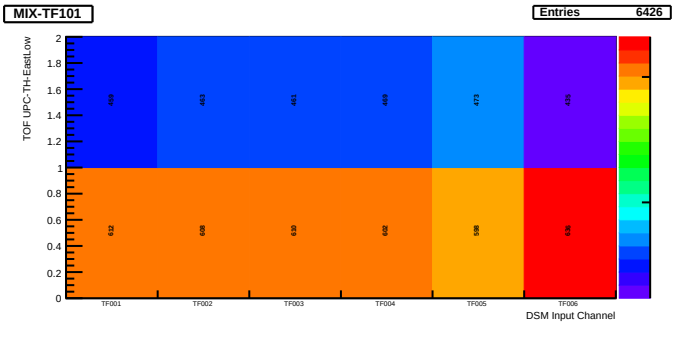

MIX-TF101
Entries 871
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

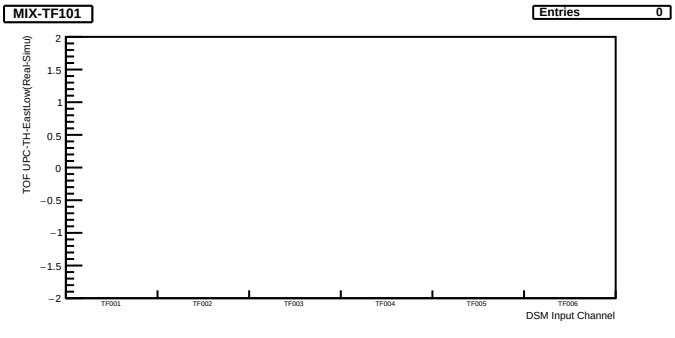

MIX-TF101
Entries 6426
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

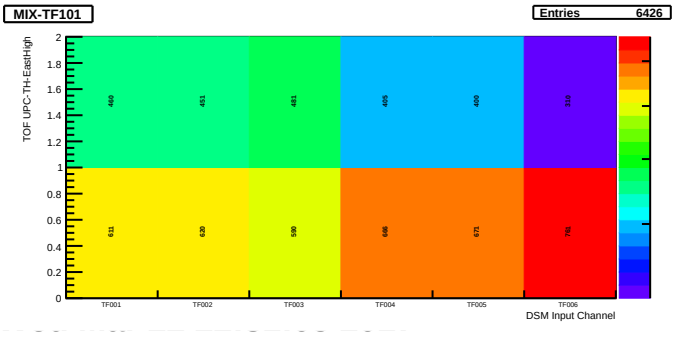

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

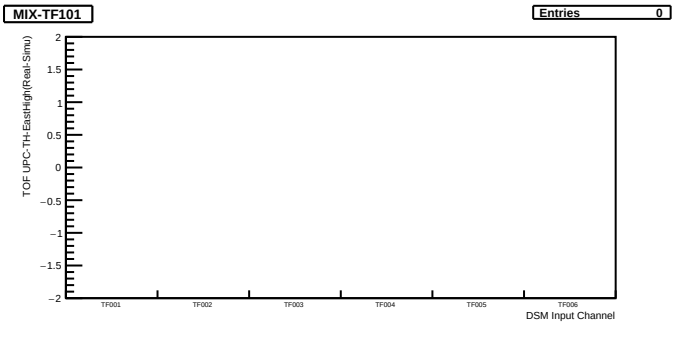

MIX-TF101
Entries 6426
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

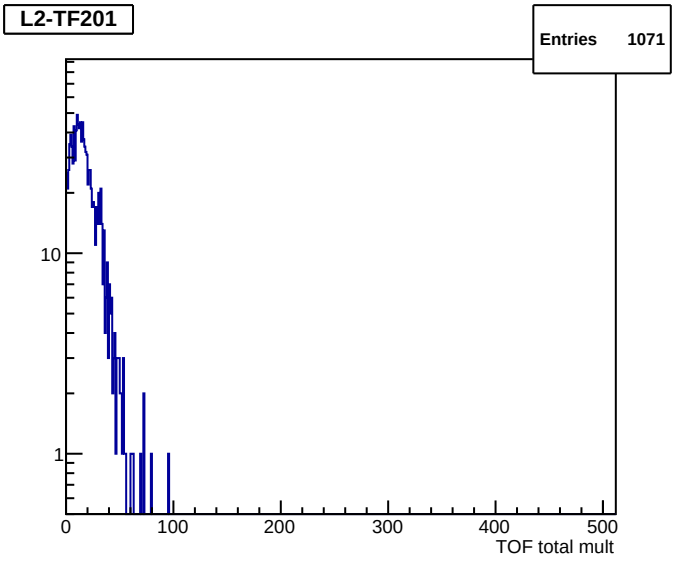

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

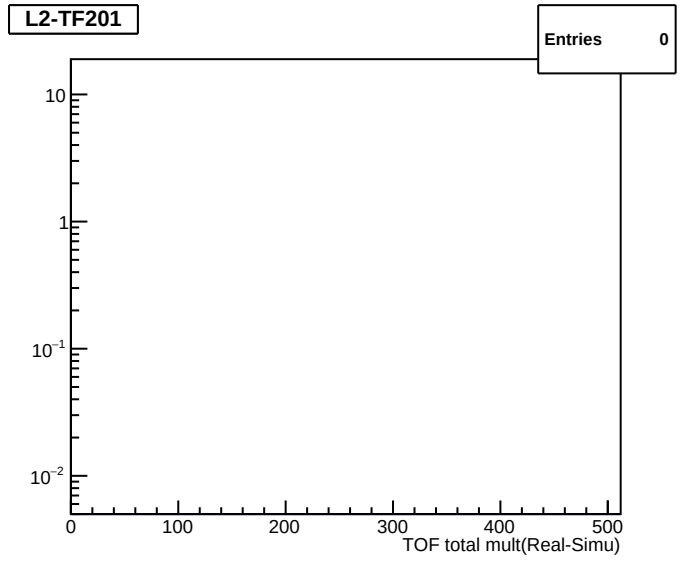

MIX-TF101
Entries 6426
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

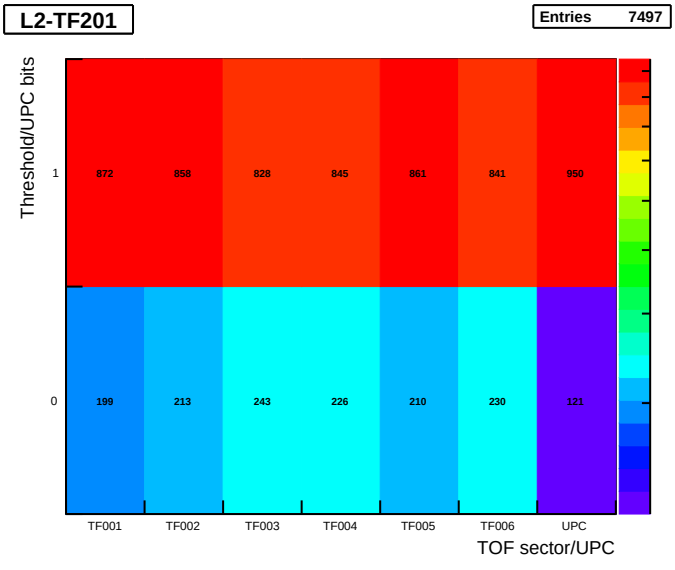

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

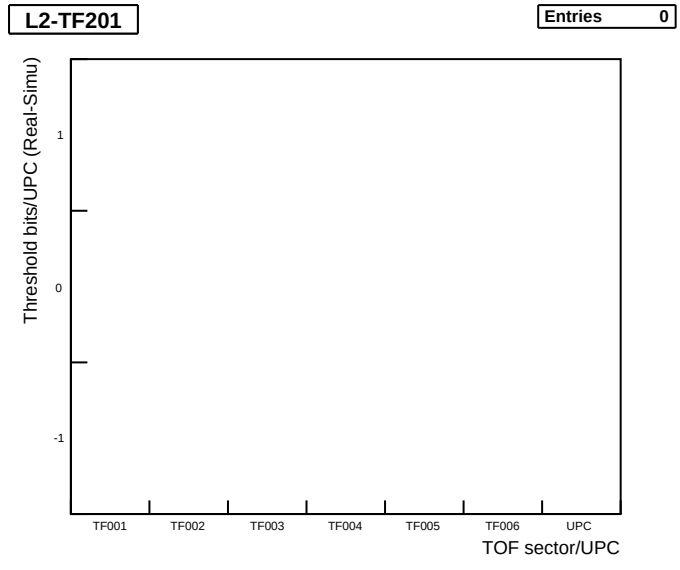

MIX-TF101
Entries 6426
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

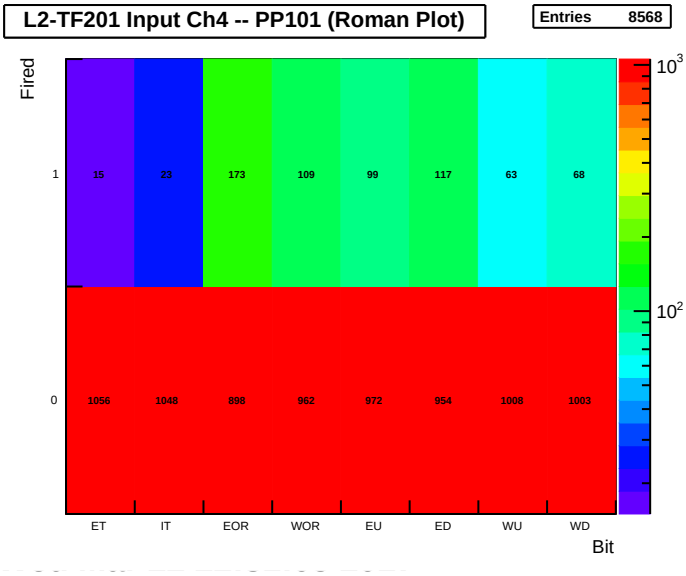

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

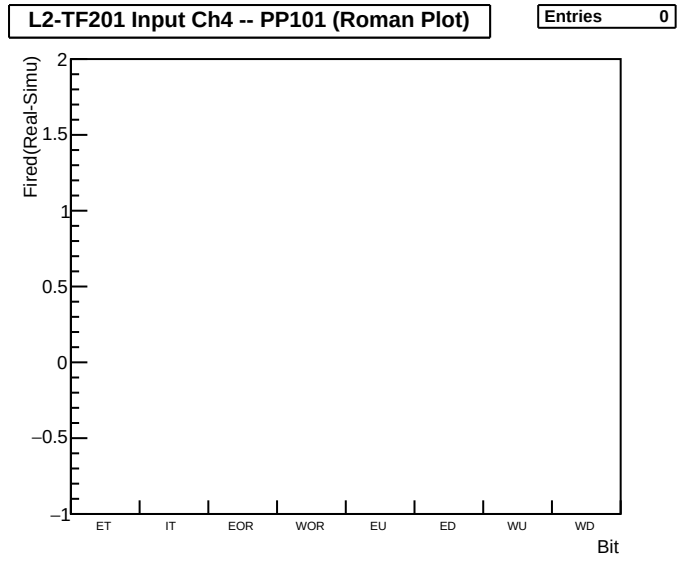

L2-TF201
Entries 1071
10
1
0
100
200
300
400
500
TOF total mult

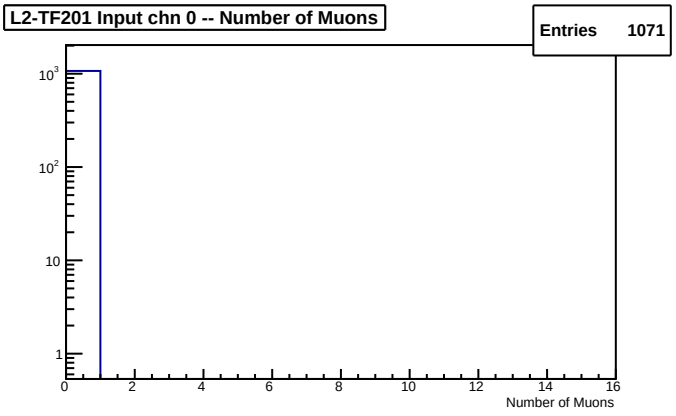

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
0
100
200
300
400
500
TOF total mult(Real-Simu)

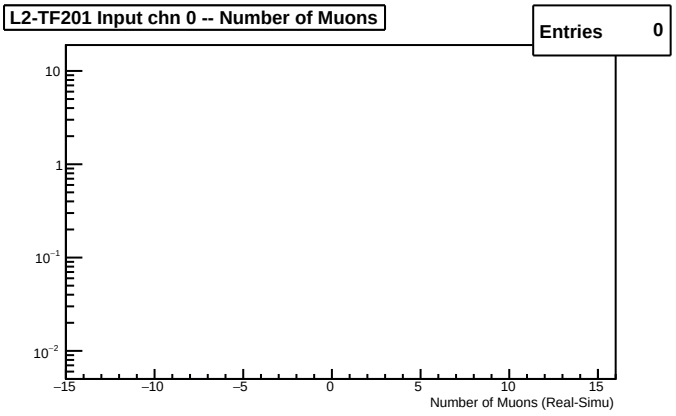

L2-TF201
Entries 7497
Threshold/UPC bits
1
0
872
858
828
845
861
841
950
199
213
243
226
210
230
121
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

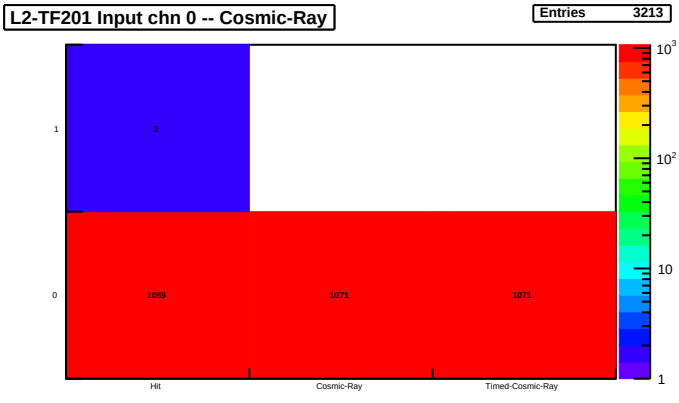

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

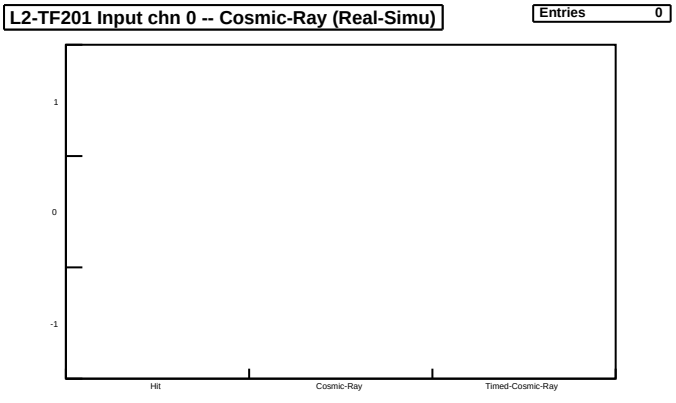

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 8568
Fired
1
0
15
23
173
109
99
117
63
68
1056
1048
898
962
972
954
1008
1003
10^3
10^2
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

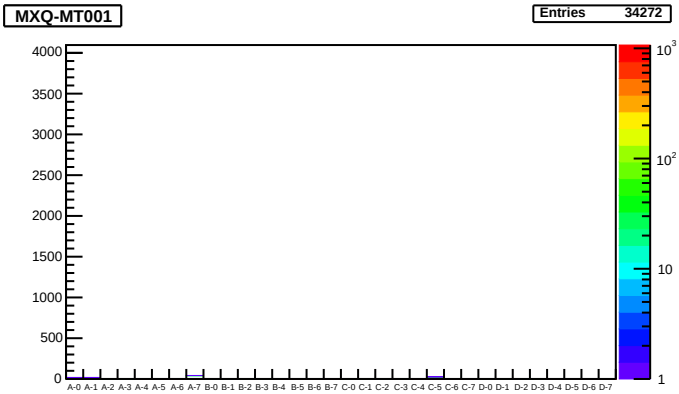

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
2
1.5
1
0.5
0
−0.5
−1
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

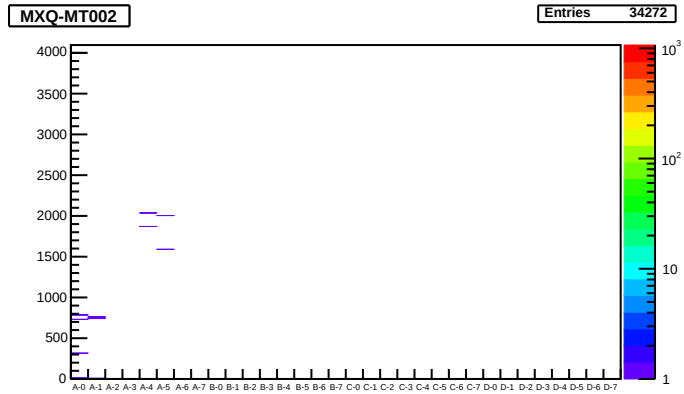

L2-TF201 Input chn 0 -- Number of Muons
Entries 1071
Number of Muons

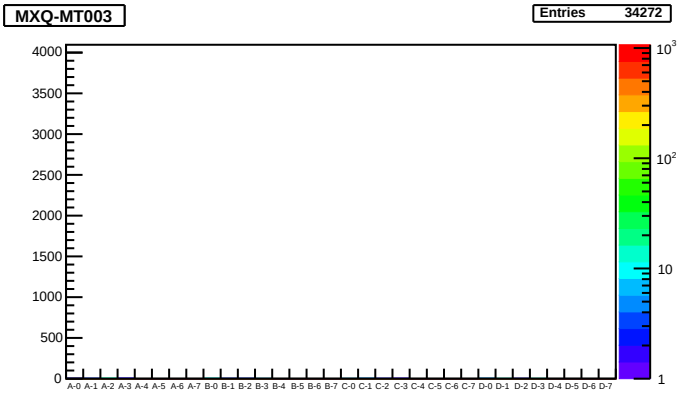

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

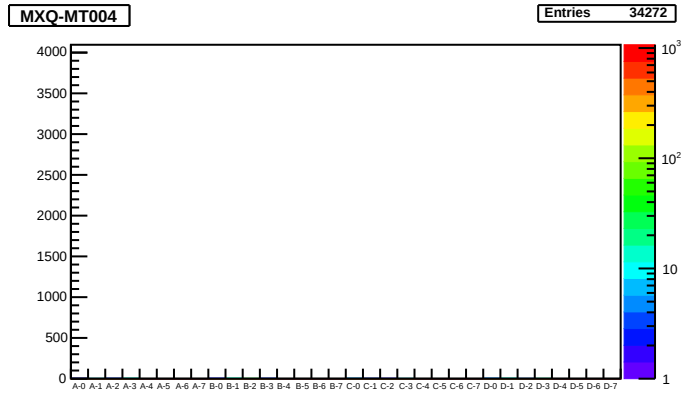

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 3213
2
1069
1071
1071
Hit
Cosmic-Ray
Timed-Cosmic-Ray

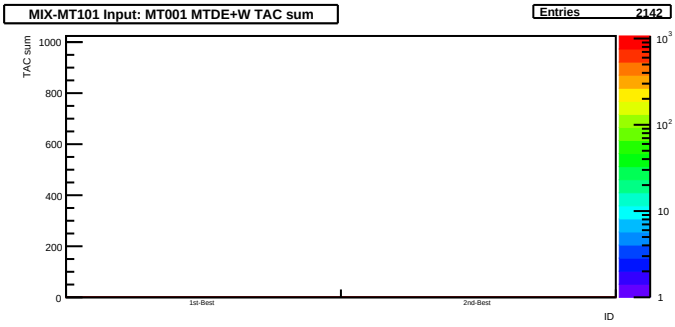

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

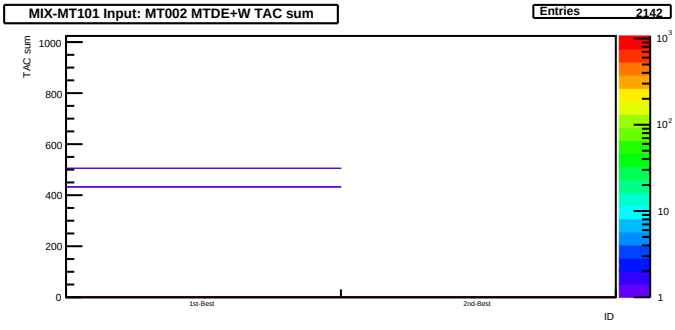

MXQ-MT001
Entries 34272
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^3
10^2
10
1

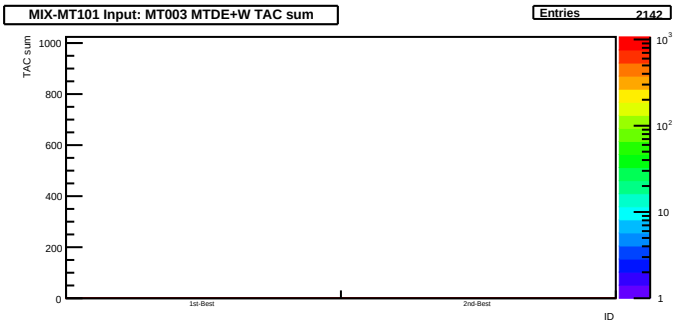

MXQ-MT002
Entries 34272
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^3
10^2
10
1

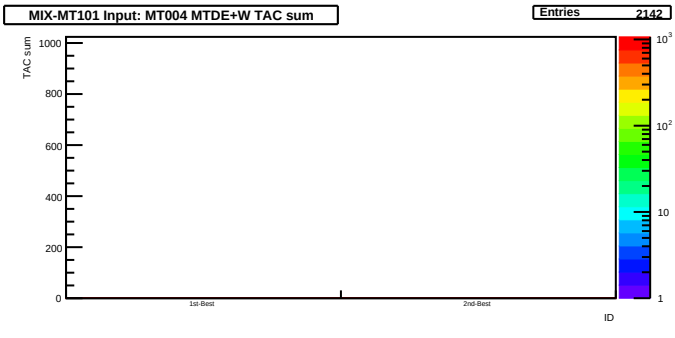

MXQ-MT003
Entries 34272
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^3
10^2
10
1

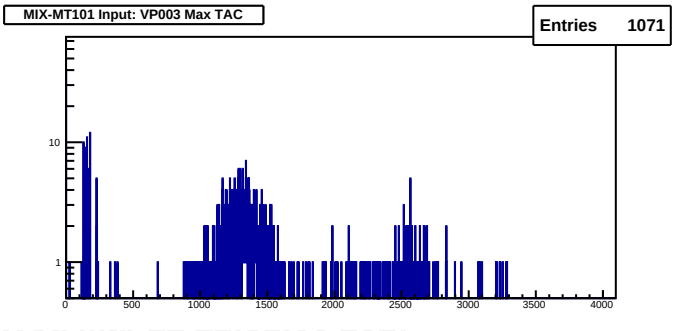

MXQ-MT004
Entries 34272
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^3
10^2
10
1

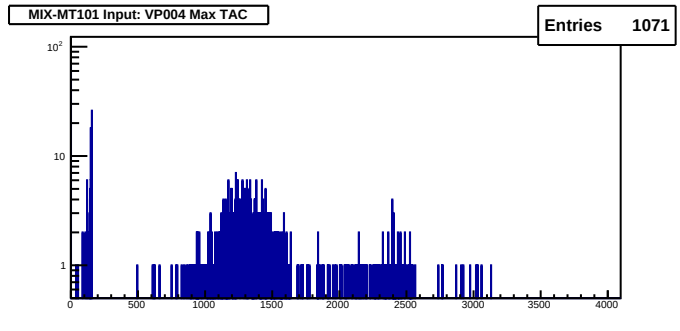

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 2142
TAC sum
1st-Best
2nd-Best
ID

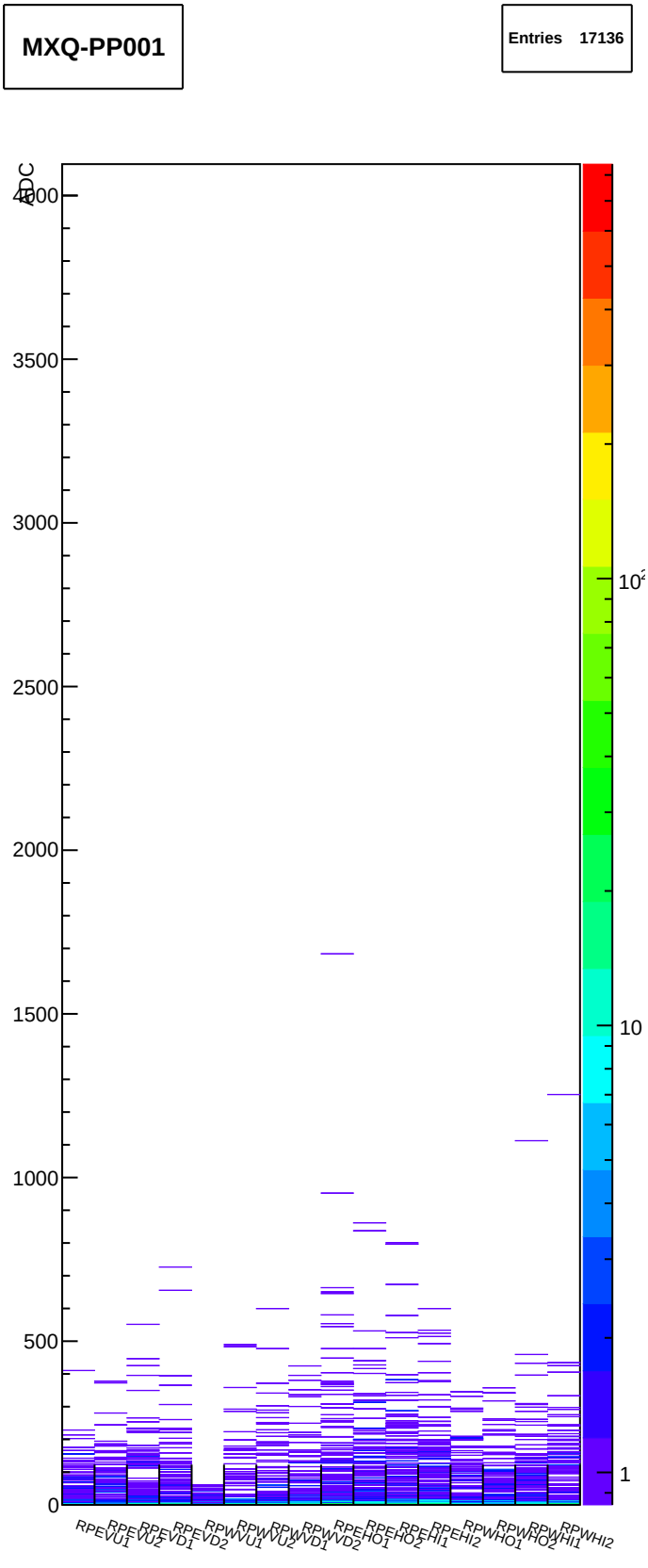

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 2142
TAC sum
1st-Best
2nd-Best
ID

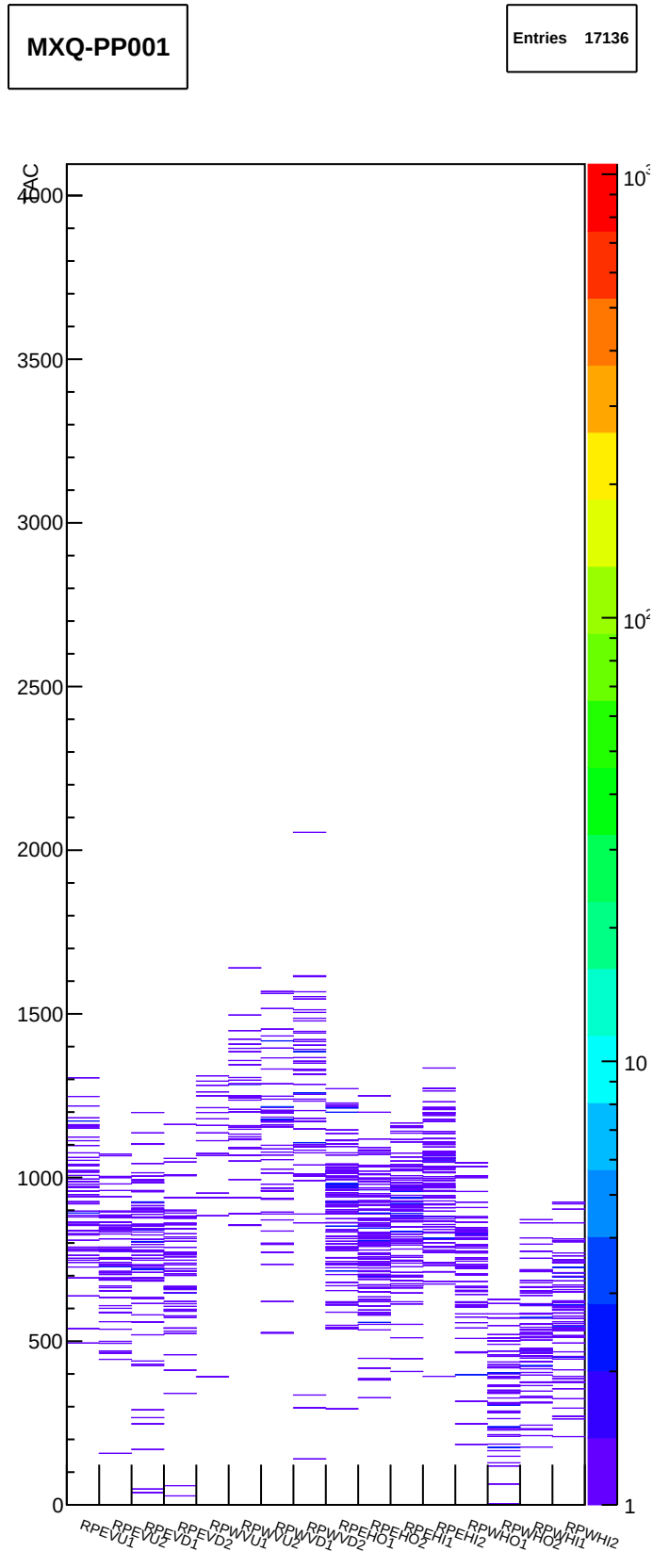

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 2142
TAC sum
1st-Best
2nd-Best
ID

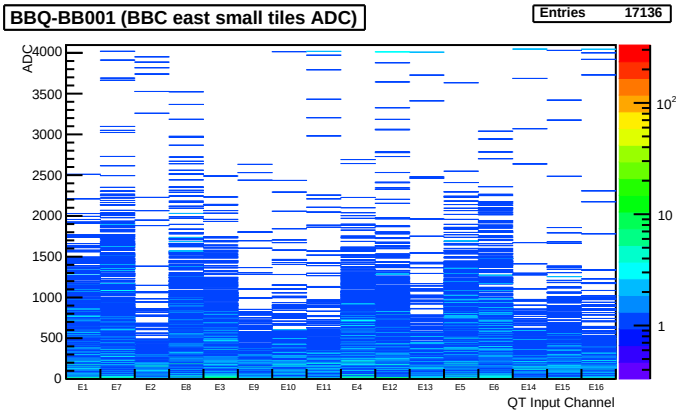

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 2142
TAC sum
1st-Best
2nd-Best
ID

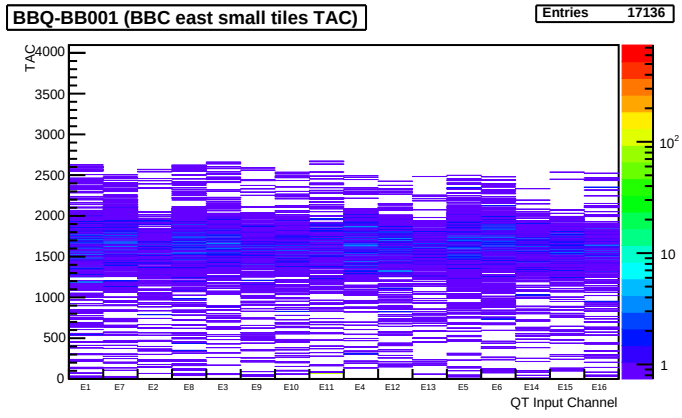

MIX-MT101 Input: VP003 Max TAC
Entries 1071

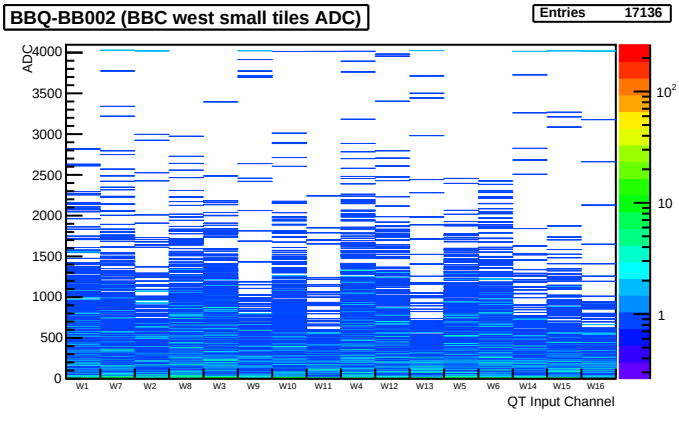

MIX-MT101 Input: VP004 Max TAC
Entries 1071

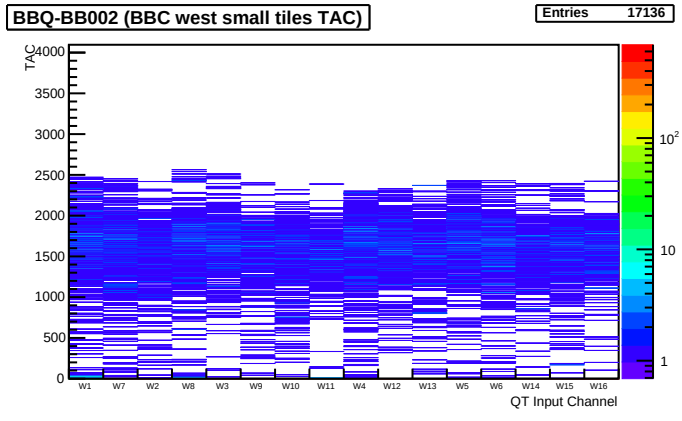

MXQ-PP001
Entries 17136
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10²
10
1

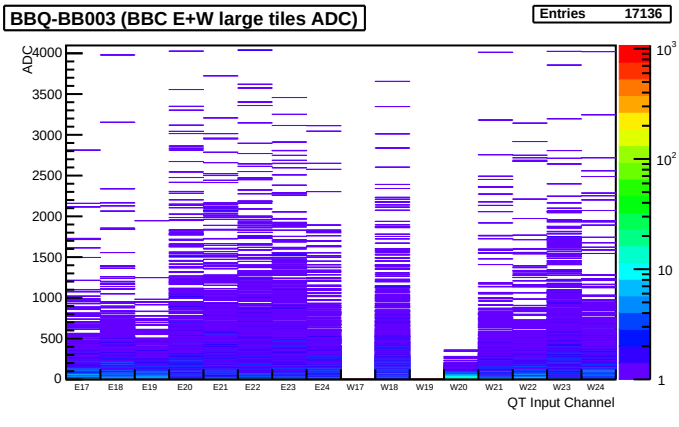

MXQ-PP001
Entries 17136
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10³
10²
10
1

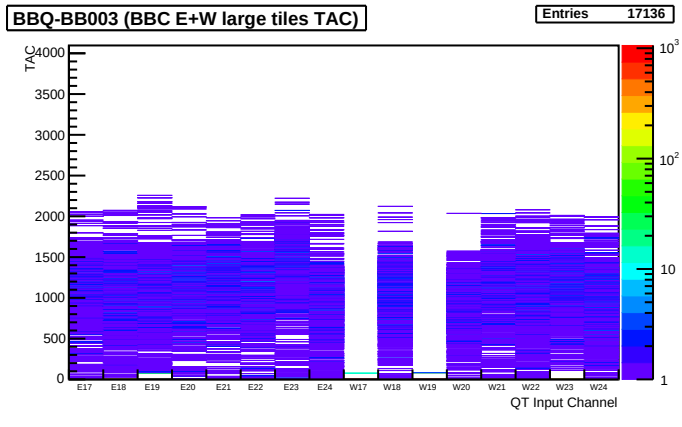

BBQ-BB001 (BBC east small tiles ADC)
Entries 17136
ADC
QT Input Channel

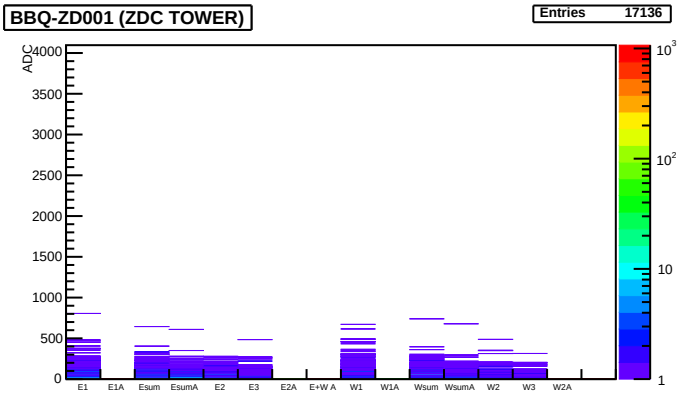

BBQ-BB001 (BBC east small tiles TAC)
Entries 17136
TAC
QT Input Channel

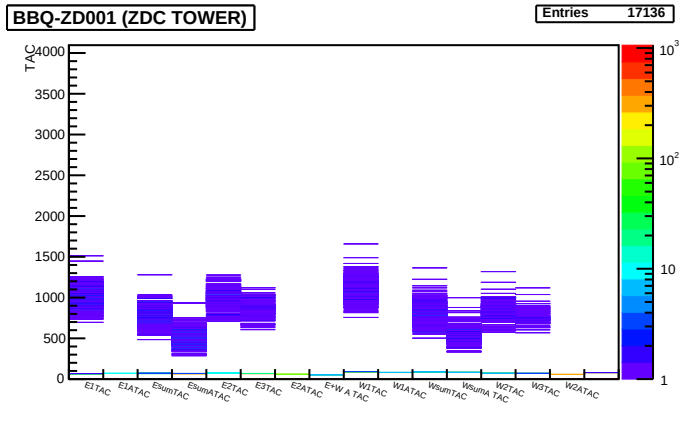

BBQ-BB002 (BBC west small tiles ADC)
Entries 17136
ADC
QT Input Channel

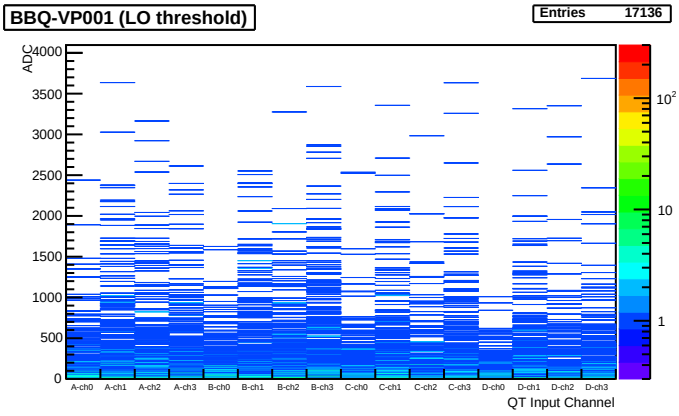

BBQ-BB002 (BBC west small tiles TAC)
Entries 17136
TAC
QT Input Channel

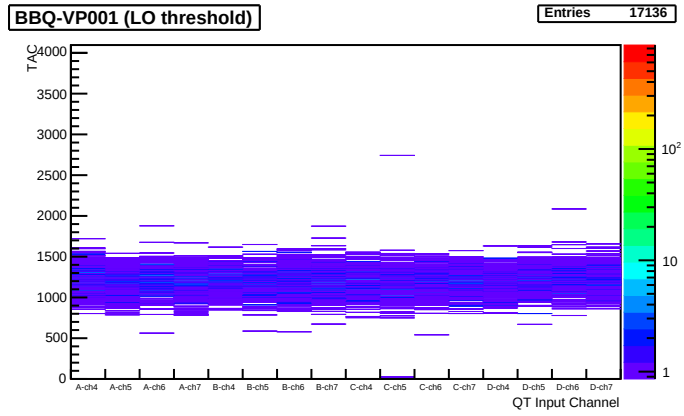

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 17136
ADC
QT Input Channel

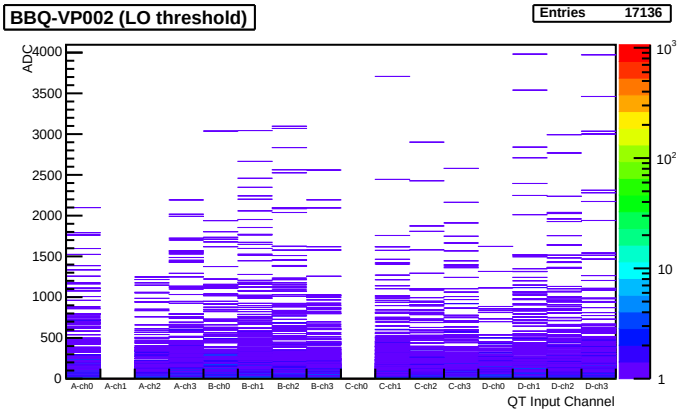

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 17136
TAC
QT Input Channel

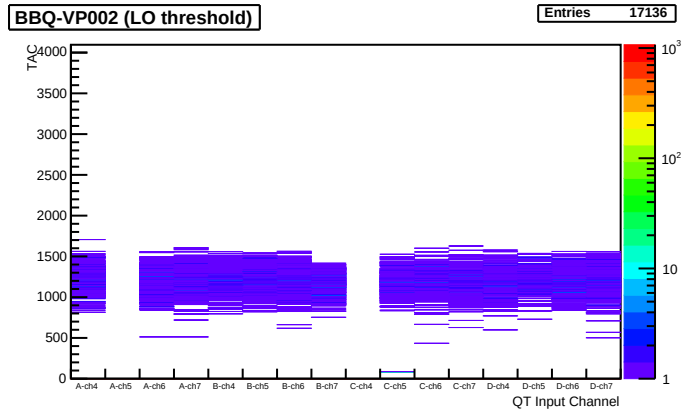

BBQ-ZD001 (ZDC TOWER)
Entries 17136
ADC

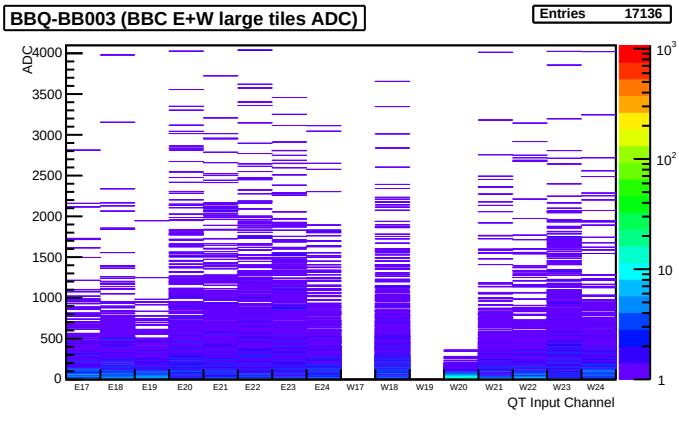

BBQ-ZD001 (ZDC TOWER)
Entries 17136
TAC

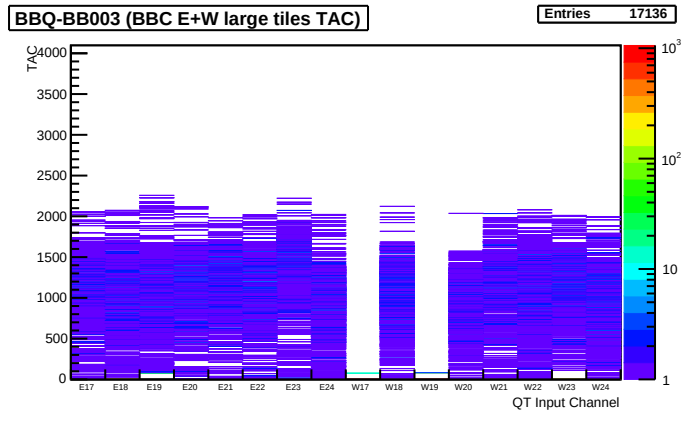

BBQ-VP001 (LO threshold)
Entries 17136
ADC
QT Input Channel

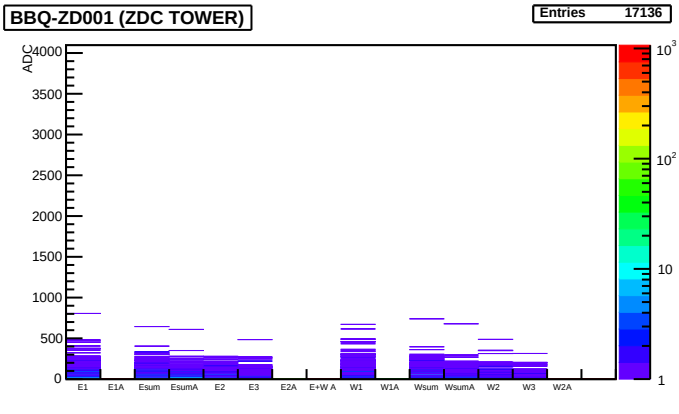

BBQ-VP001 (LO threshold)
Entries 17136
TAC
QT Input Channel

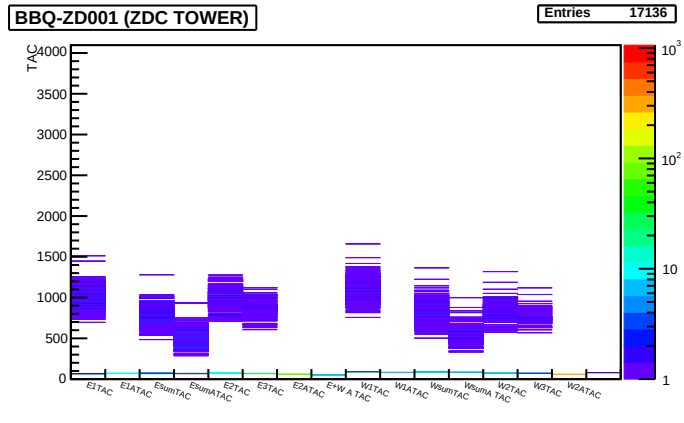

BBQ-VP002 (LO threshold)
Entries 17136
ADC
QT Input Channel

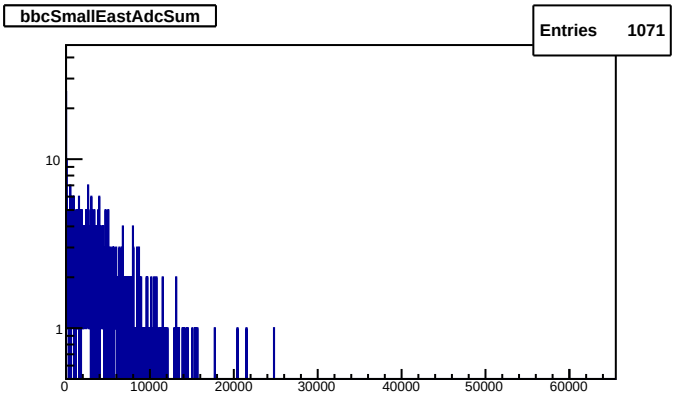

BBQ-VP002 (LO threshold)
Entries 17136
TAC
QT Input Channel

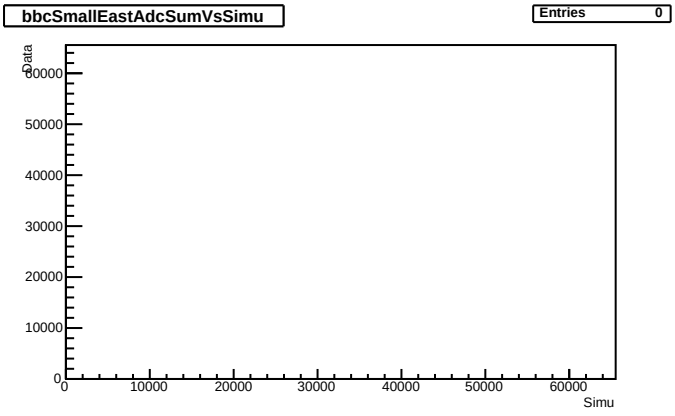

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 17136
ADC
QT Input Channel

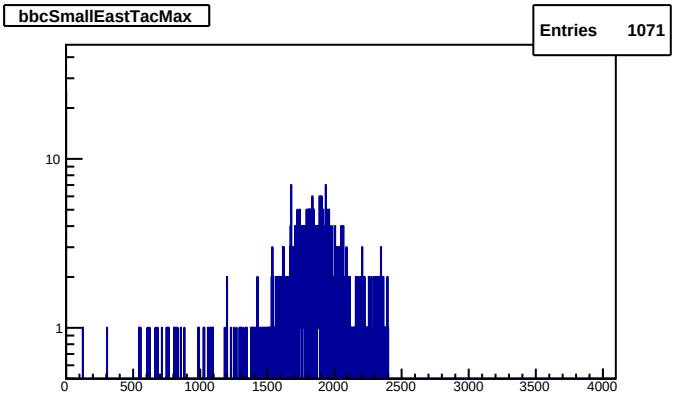

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 17136
TAC
QT Input Channel

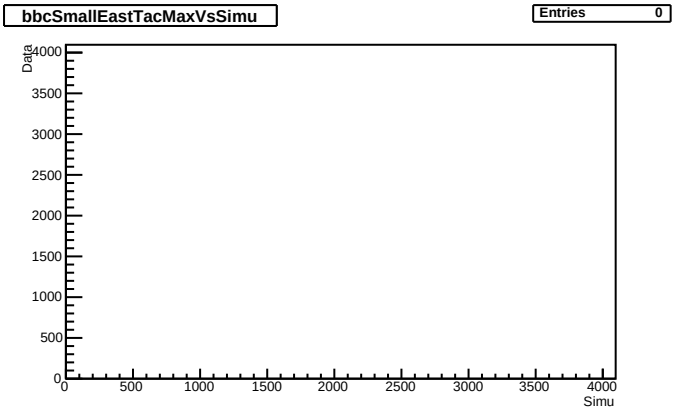

BBQ-ZD001 (ZDC TOWER)
Entries 17136
ADC

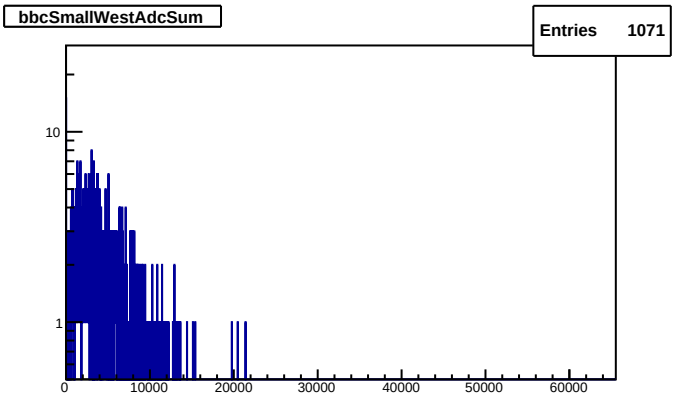

BBQ-ZD001 (ZDC TOWER)
Entries 17136
TAC

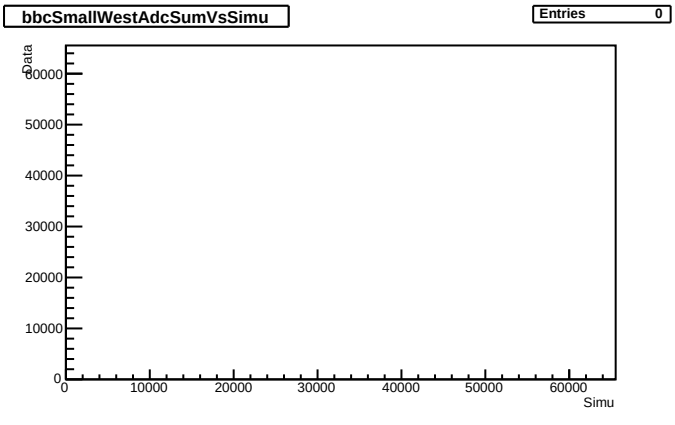

bbcSmallEastAdcSum
Entries 1071
10
1
0
10000
20000
30000
40000
50000
60000

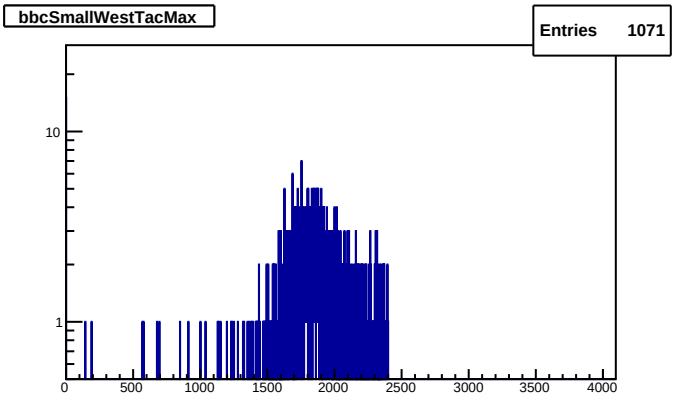

bbcSmallEastAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
10000
20000
30000
40000
50000
60000
Simu

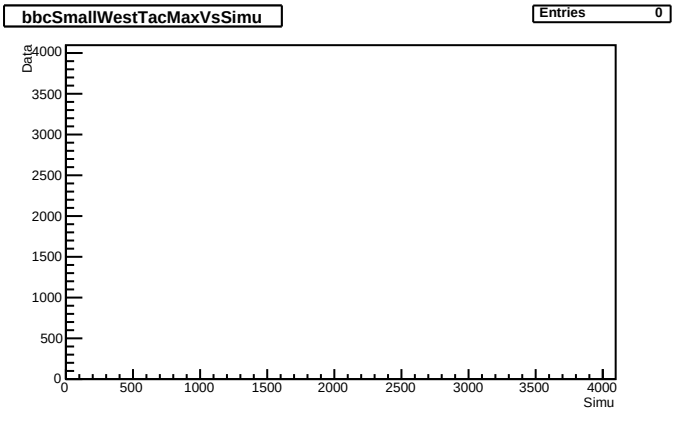

bbcSmallEastTacMax
Entries 1071
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

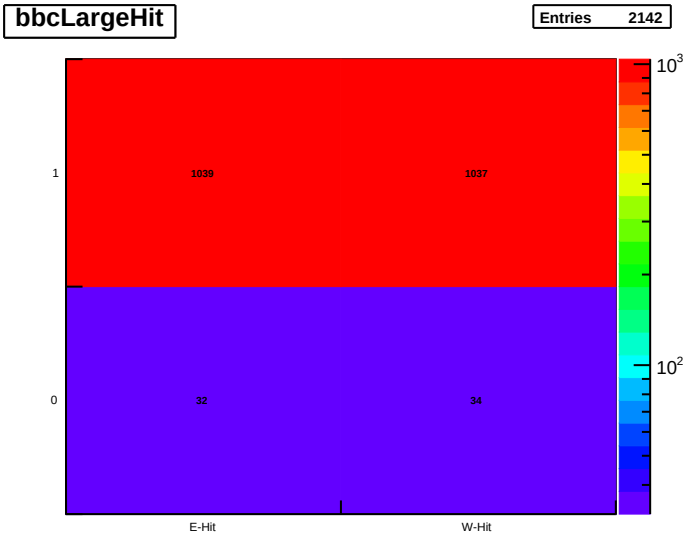

bbcSmallEastTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

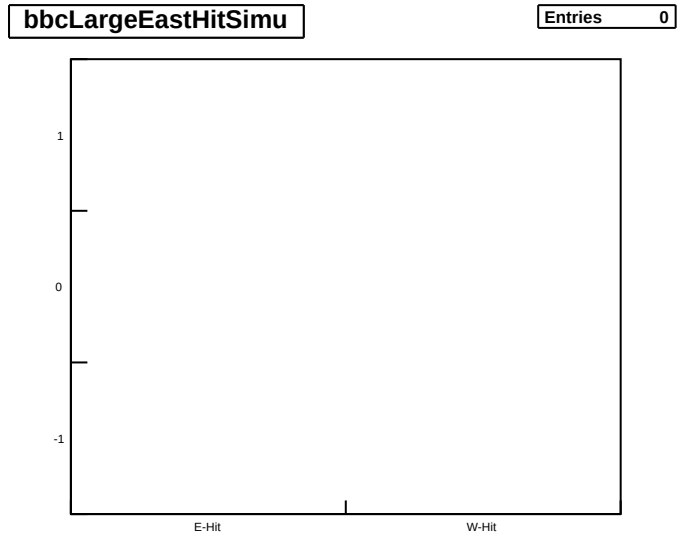

bbcSmallWestAdcSum
Entries 1071
10
1
0
10000
20000
30000
40000
50000
60000

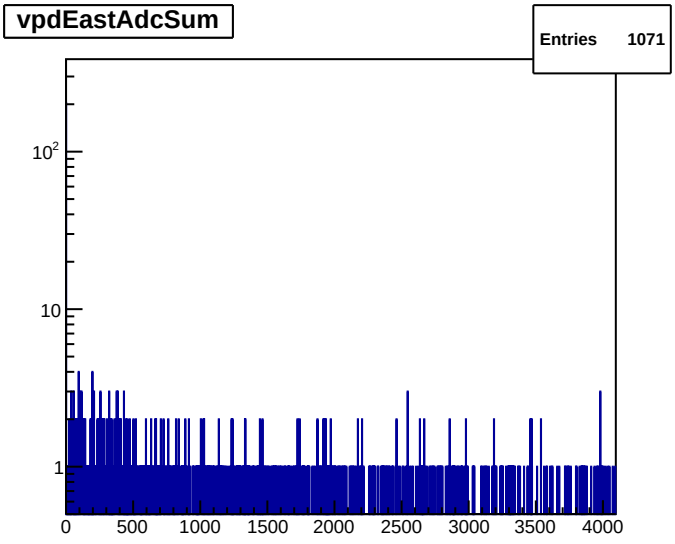

bbcSmallWestAdcSumVsSimu
Entries 0
Data
60000
50000
40000
30000
20000
10000
0
10000
20000
30000
40000
50000
60000
Simu

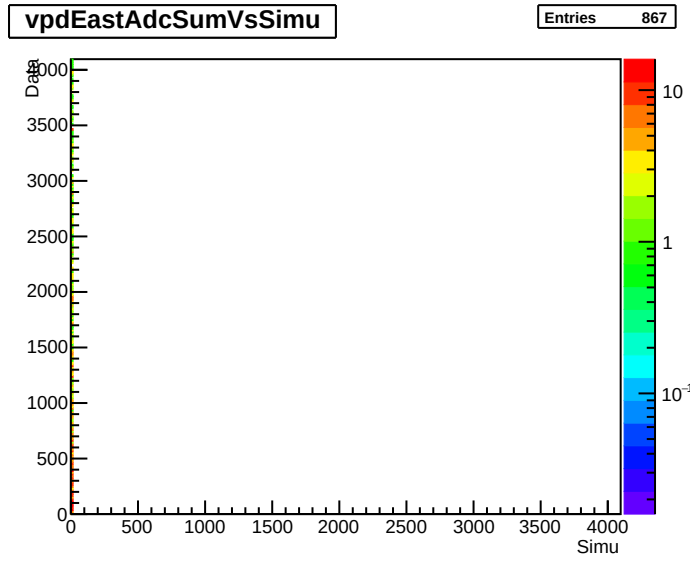

bbcSmallWestTacMax
Entries 1071
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

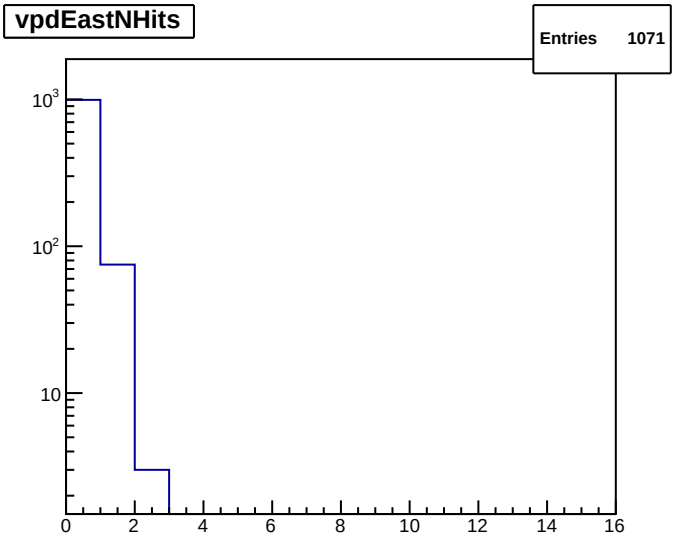

bbcSmallWestTacMaxVsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
3500
4000
Simu

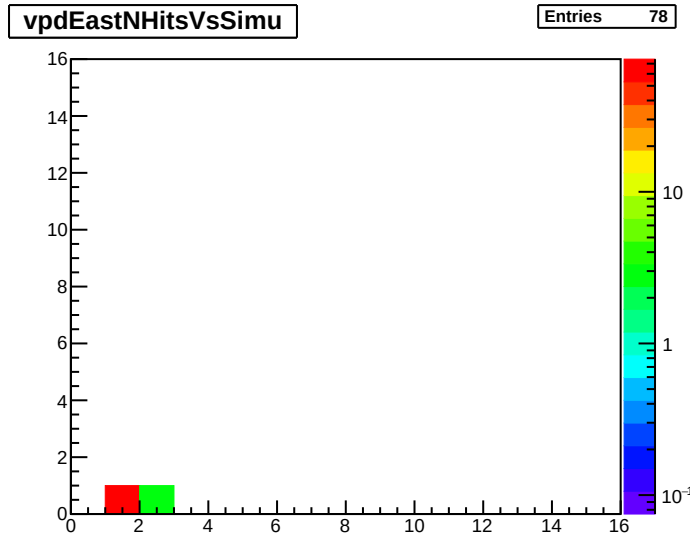

bbcLargeHit
Entries 2142
1039
1037
32
34
1
0
E-Hit
W-Hit
10^3
10^2

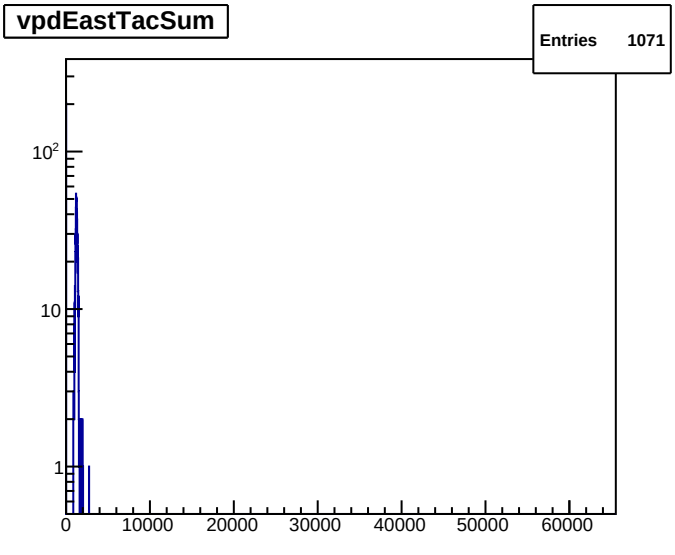

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

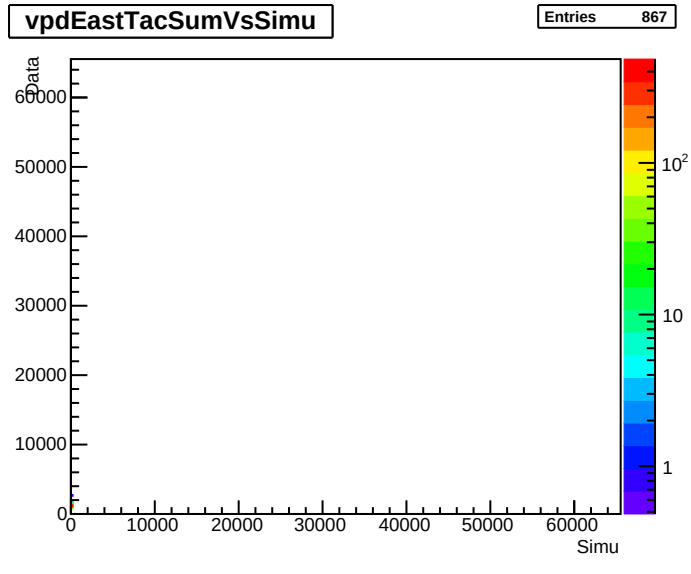

vpdEastAdcSum
Entries 1071

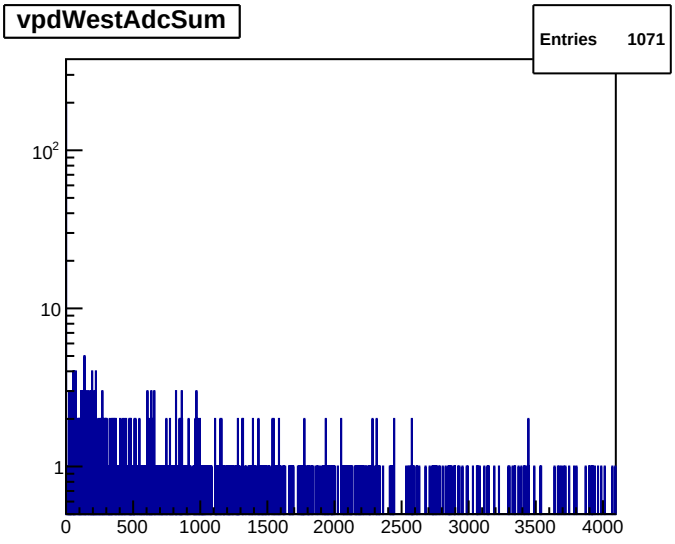

vpdEastAdcSumVsSimu
Entries 867
Data
Simu

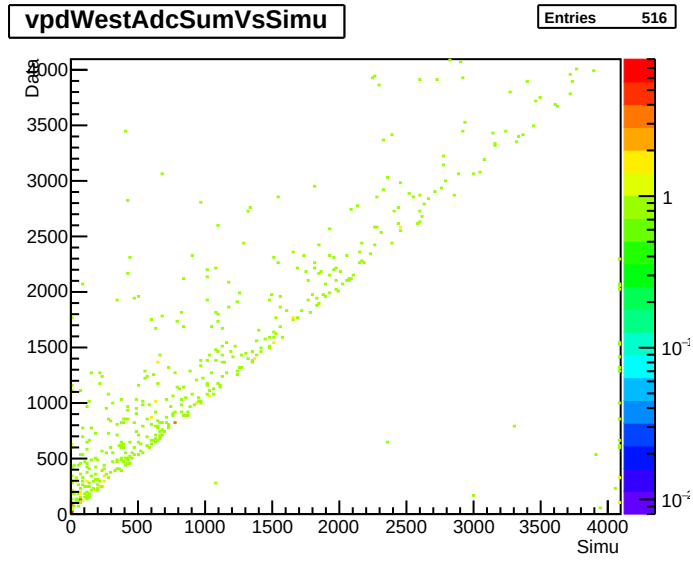

vpdEastNHits
Entries 1071

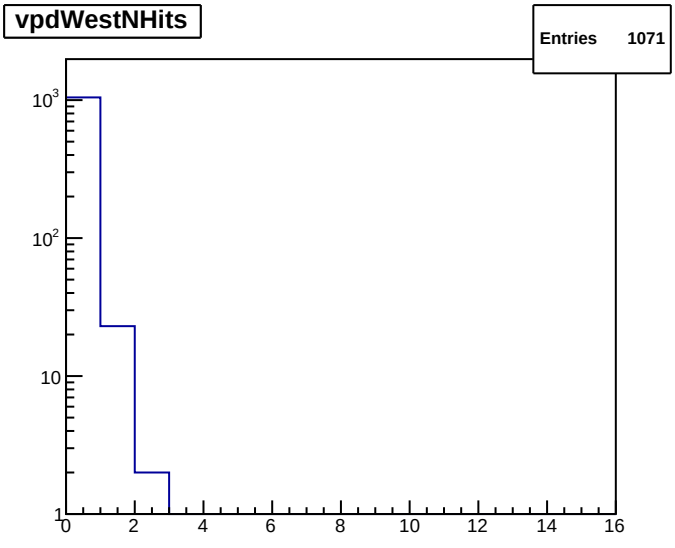

vpdEastNHitsVsSimu
Entries 78

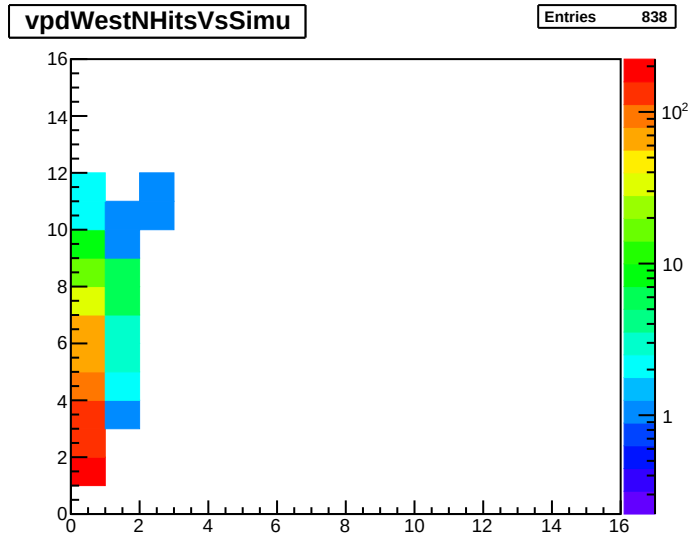

vpdEastTacSum
Entries 1071

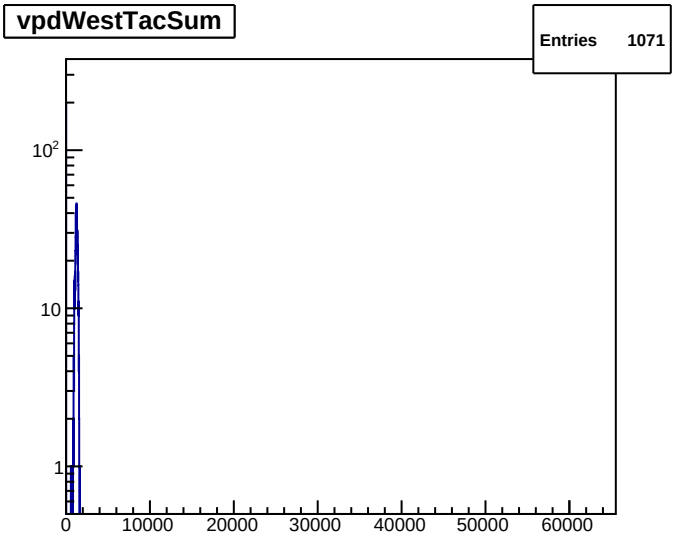

vpdEastTacSumVsSimu
Entries 867
Data
Simu

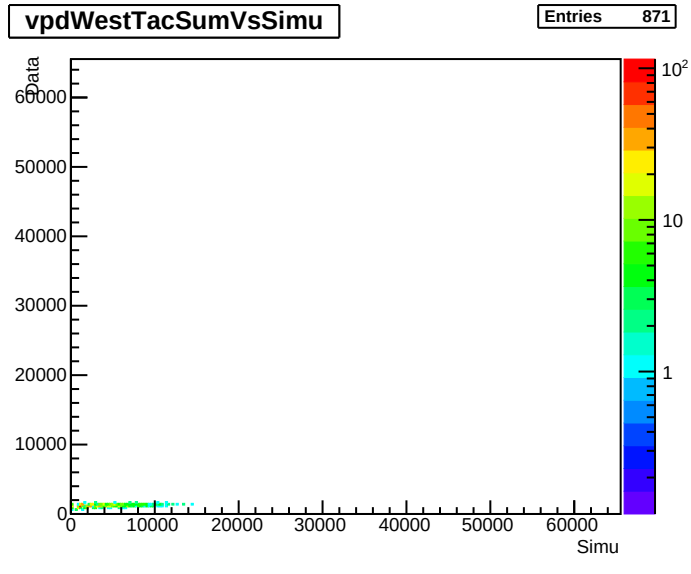

vpdWestAdcSum
Entries 1071

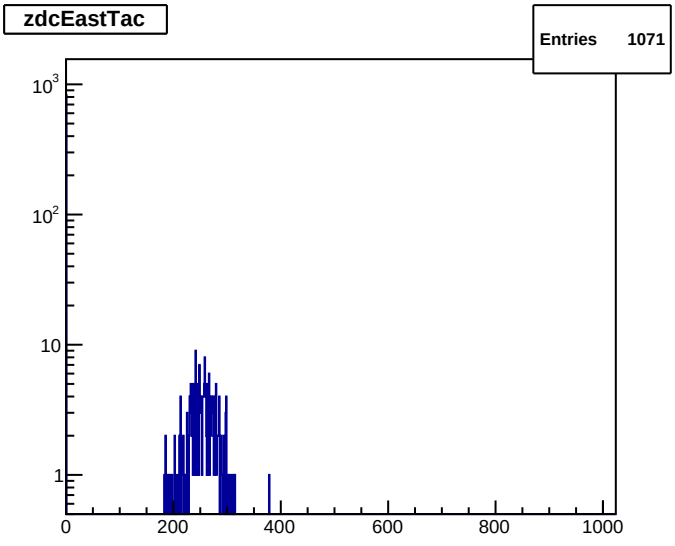

vpdWestAdcSumVsSimu
Entries 516
Data
Simu

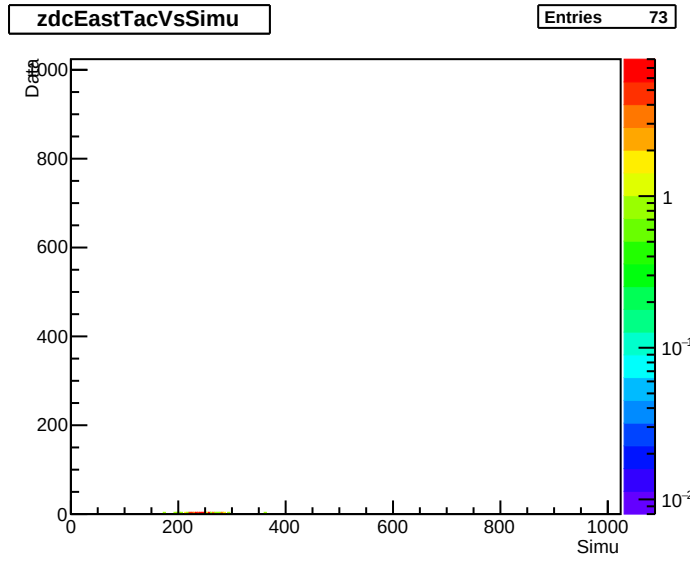

vpdWestNHits
Entries 1071

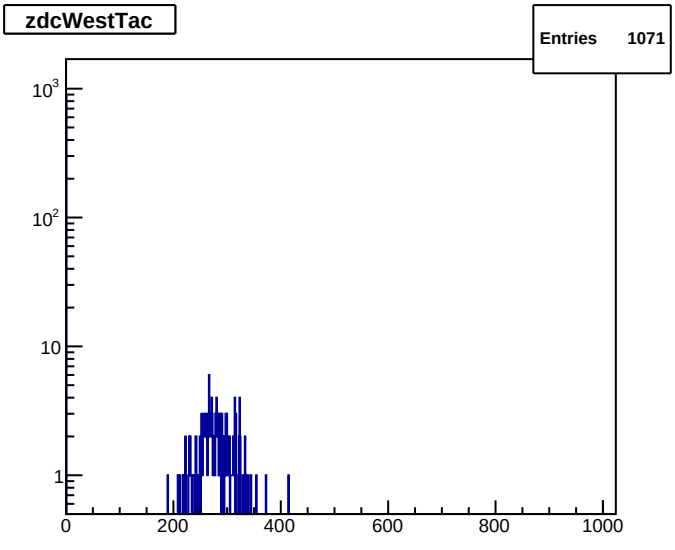

vpdWestNHitsVsSimu
Entries 838

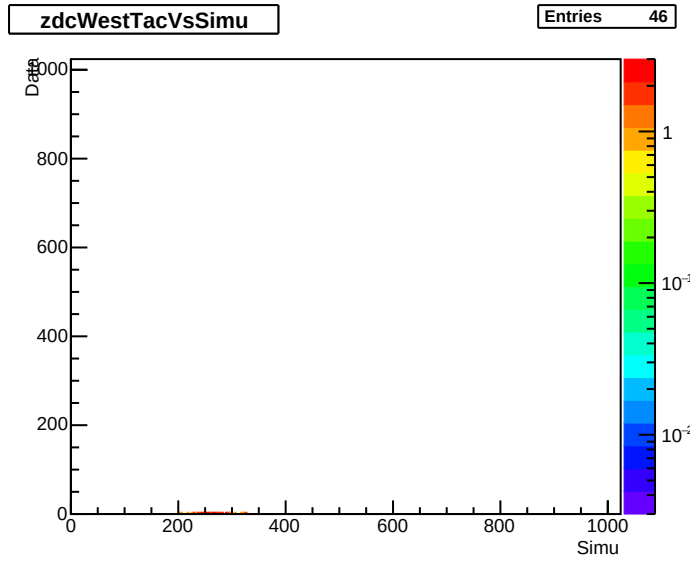

vpdWestTacSum
Entries 1071

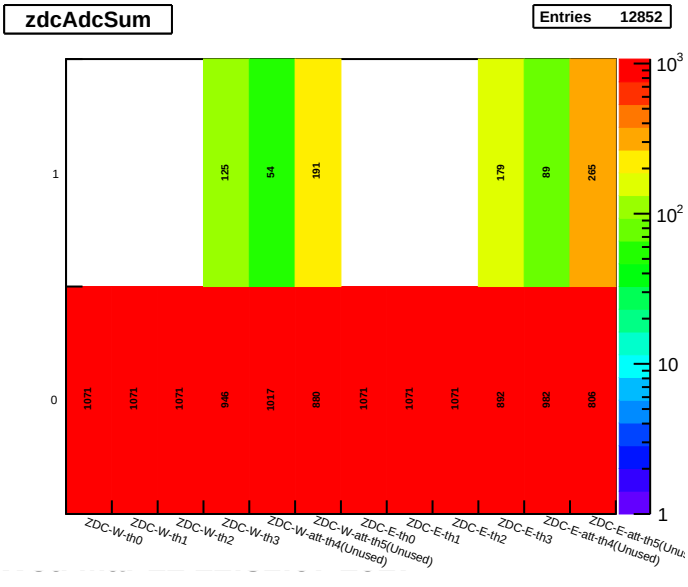

vpdWestTacSumVsSimu
Entries 871
Data
Simu

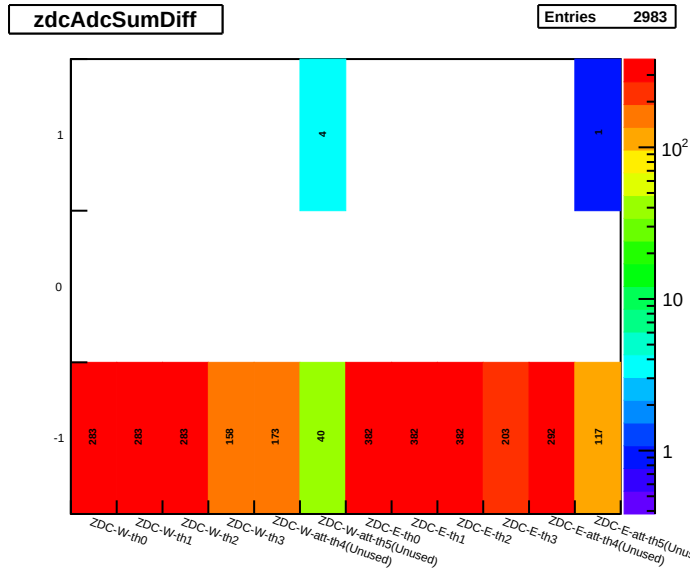

zdcEastTac
Entries 1071

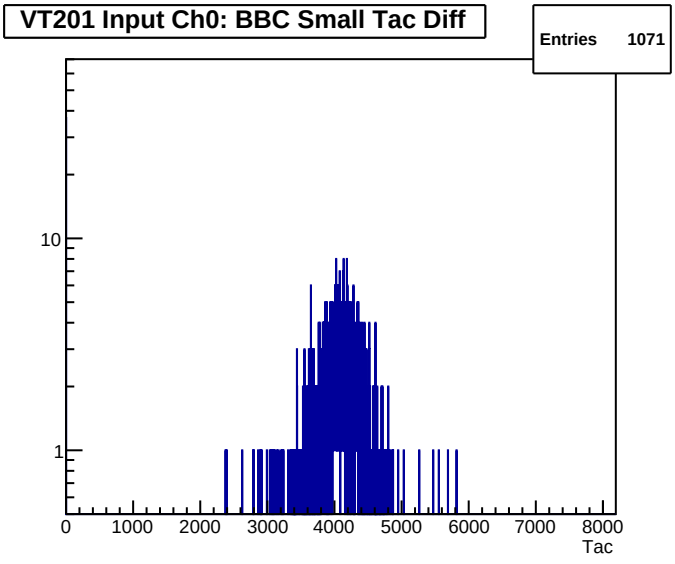

zdcEastTacVsSimu
Entries 73
Data
Simu

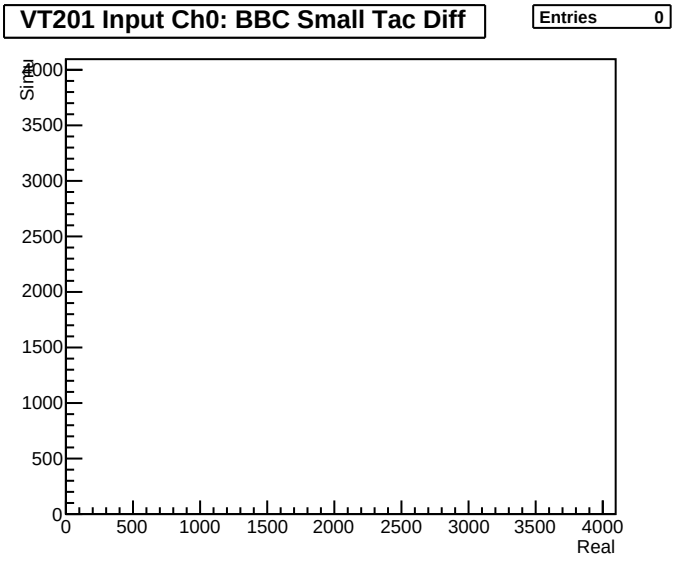

zdcWestTac
Entries 1071

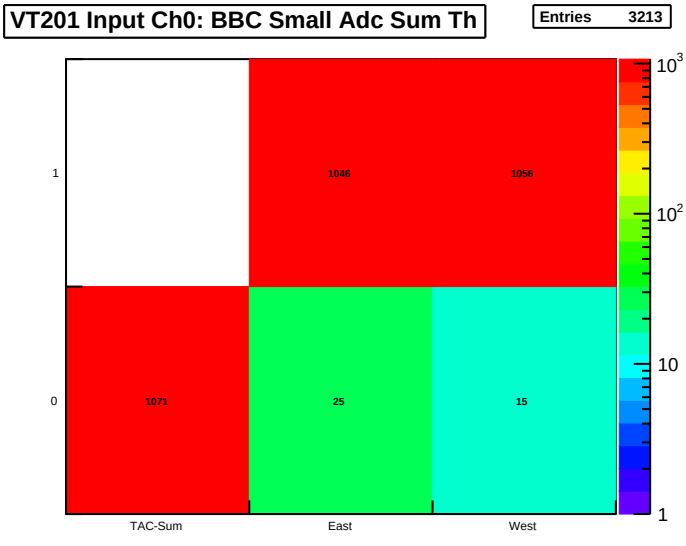

zdcWestTacVsSimu
Entries 46
Data
Simu

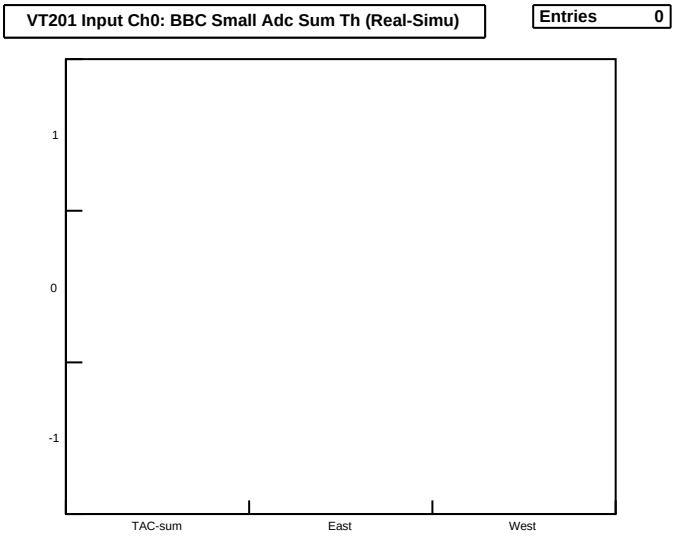

zdcAdcSum
Entries 12852
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

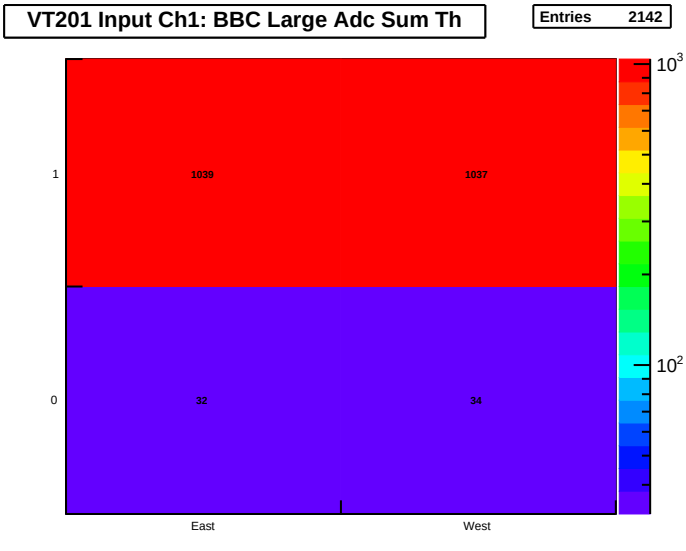

zdcAdcSumDiff
Entries 2983
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

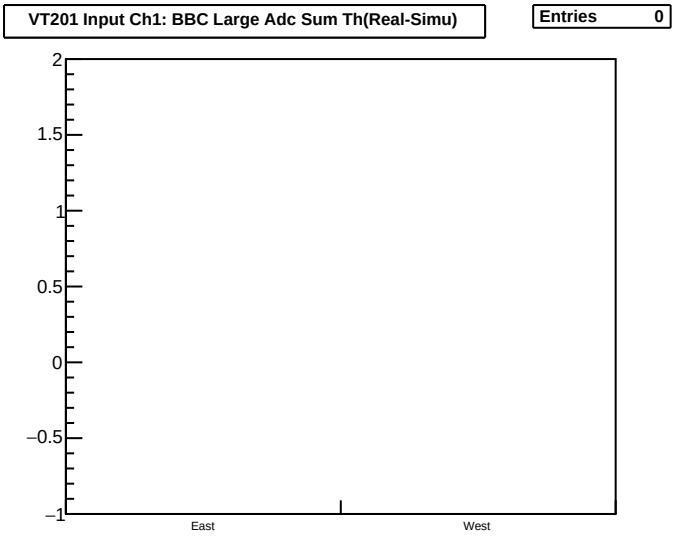

VT201 Input Ch0: BBC Small Tac Diff
Entries 1071
10
1
0 1000 2000 3000 4000 5000 6000 7000 8000
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Real

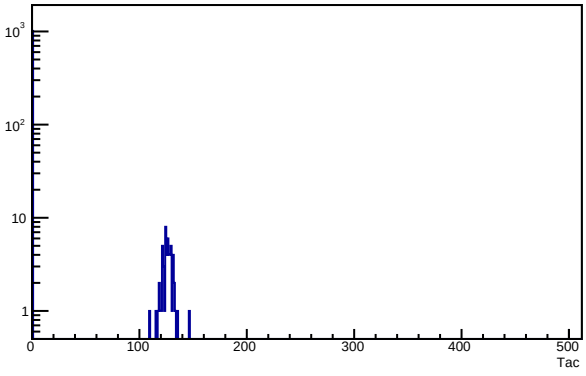

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3213
1
0
1046
1056
1071
25
15
TAC-Sum
East
West
10^3
10^2
10
1


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
1
0
-1
TAC-sum
East
West

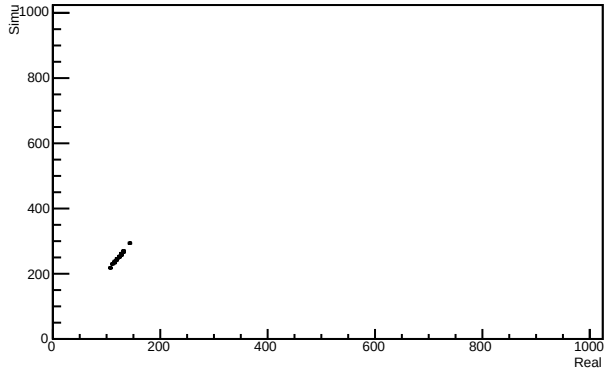

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 2142
1
0
1039
1037
32
34
East
West
10^3
10^2


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
2
1.5
1
0.5
0
−0.5
−1
East
West

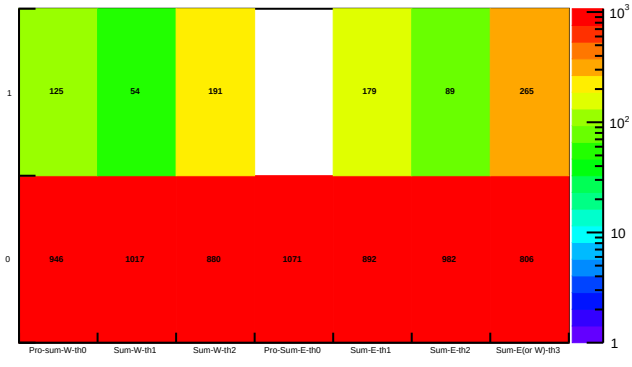
VT201 Input Ch2: ZDC Tac Diff



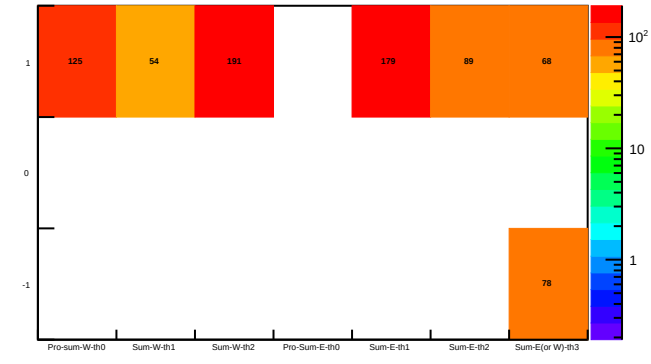
VT201 Input Ch2: ZDC Tac Diff



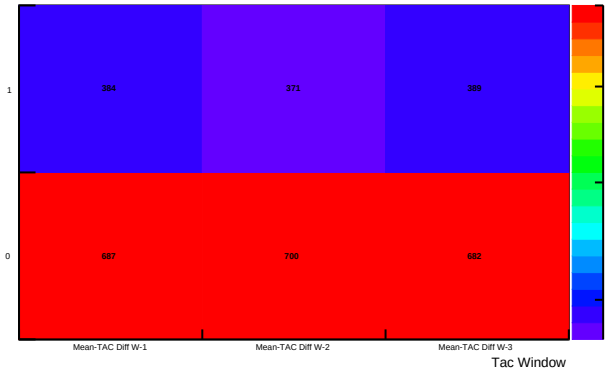
VT201 Input Ch2: ZDC Adc Sum Th



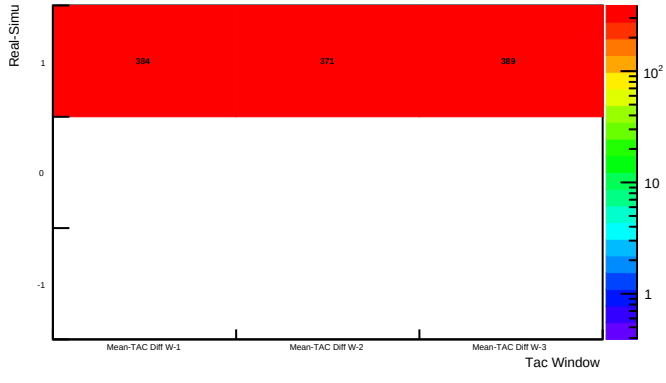
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



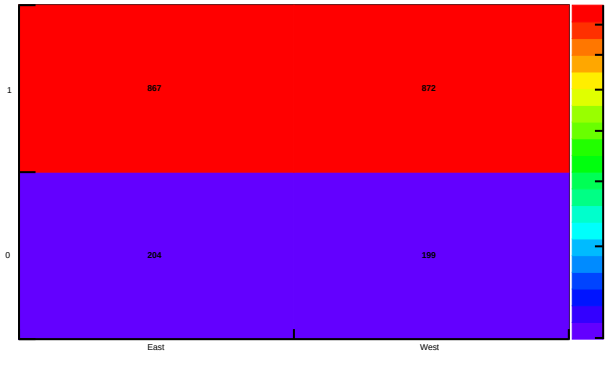
VT201 Input Ch4: VPD Tac Diff



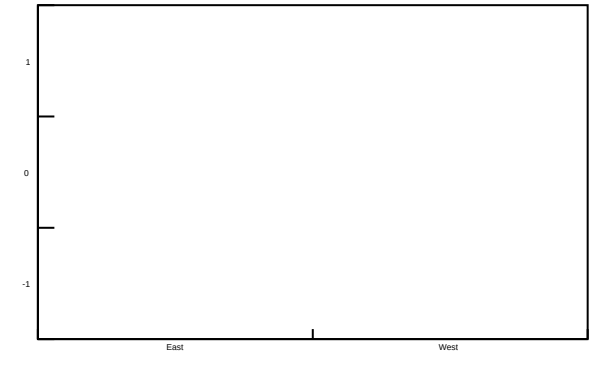
VT201 Input Ch4: VPD Tac Diff

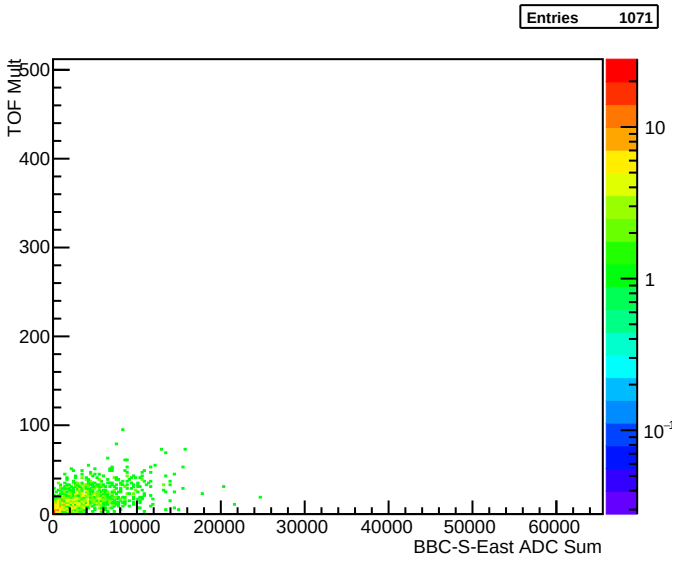


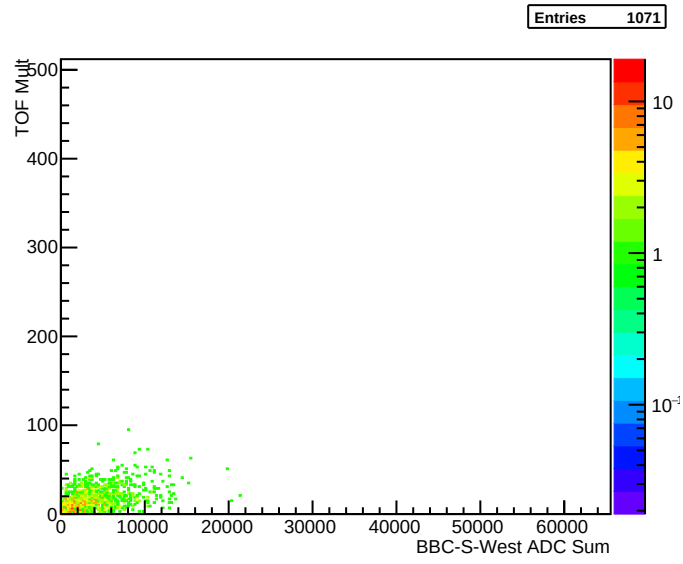
VT201 Input Ch4: VPD Adc Sum Th

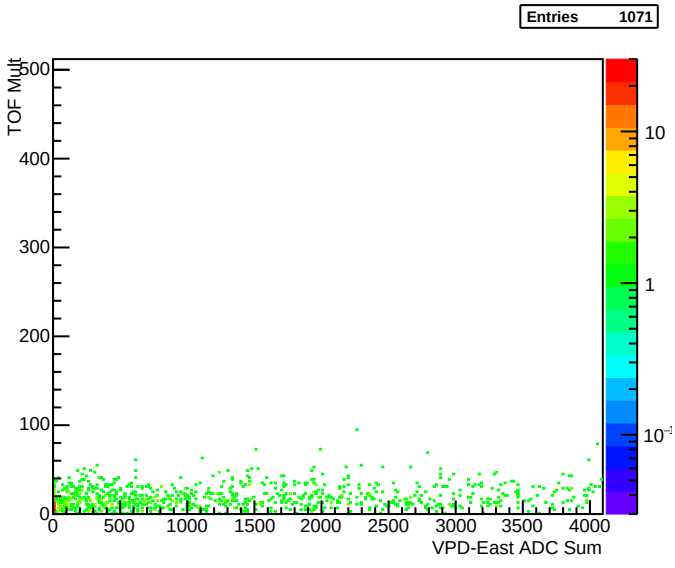


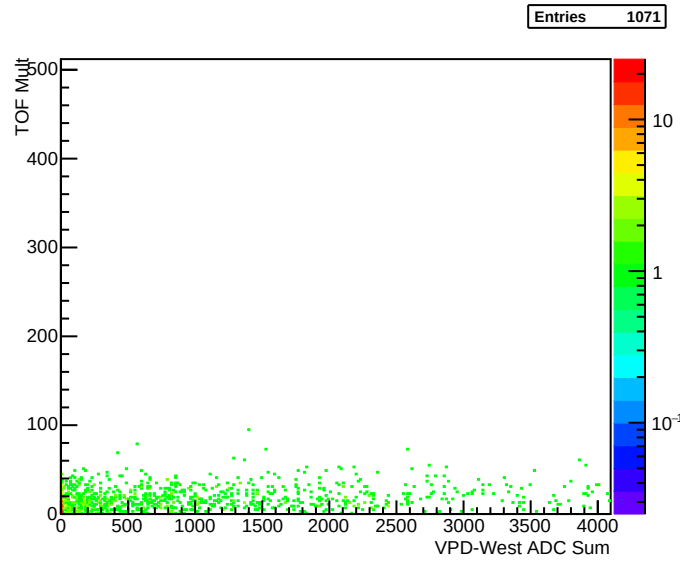
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

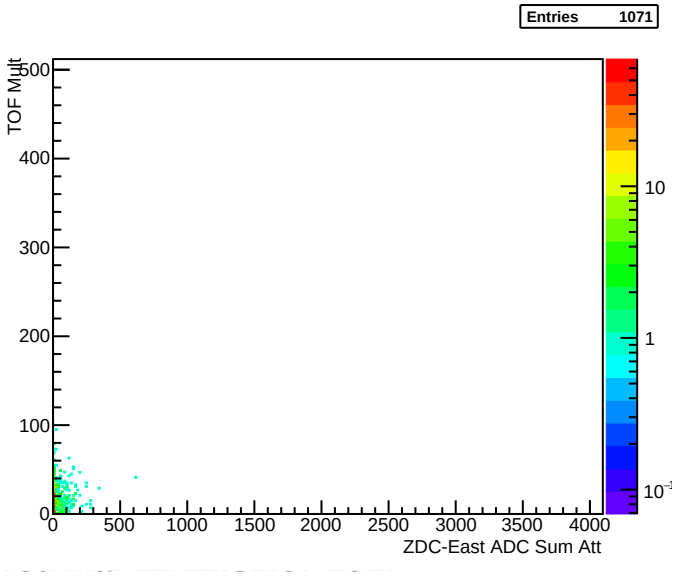


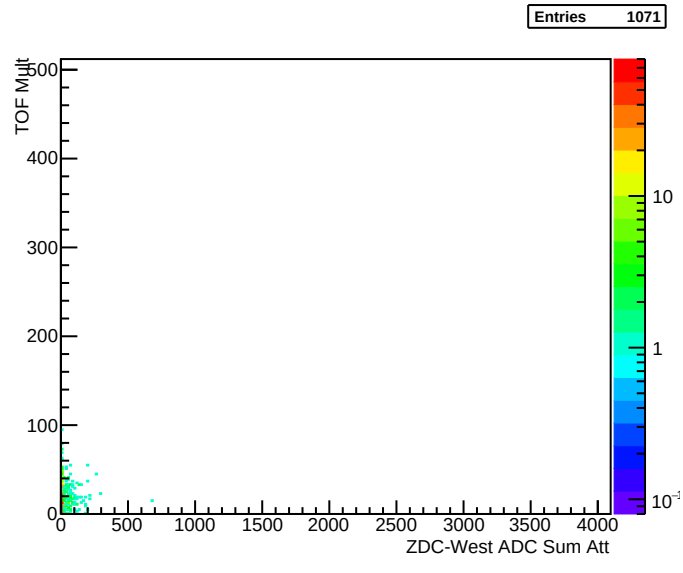

Entries 1071
TOF Mult
BBC-S-East ADC Sum

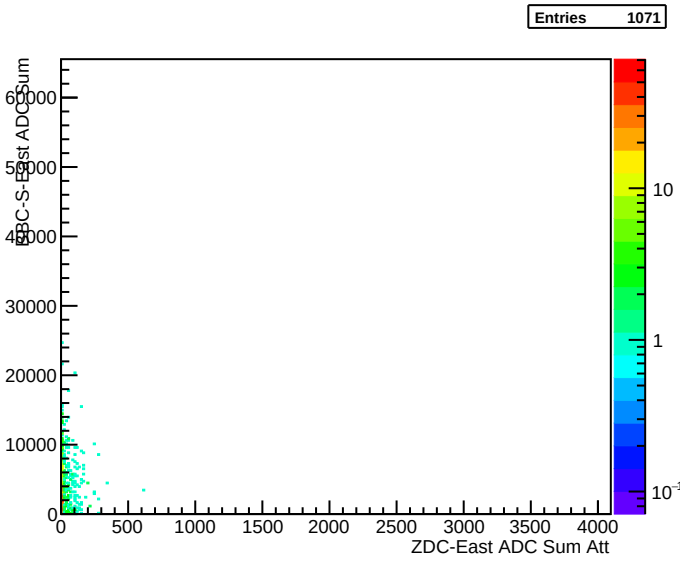

Entries 1071
TOF Mult
BBC-S-West ADC Sum

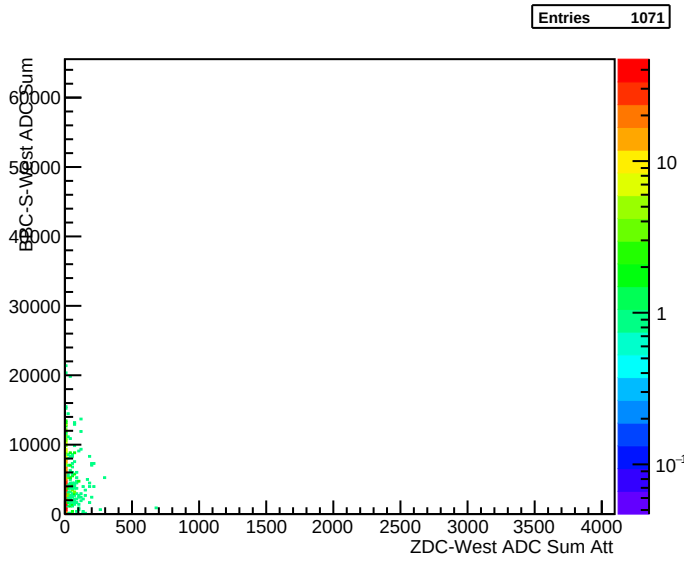

Entries 1071
TOF Mult
VPD-East ADC Sum

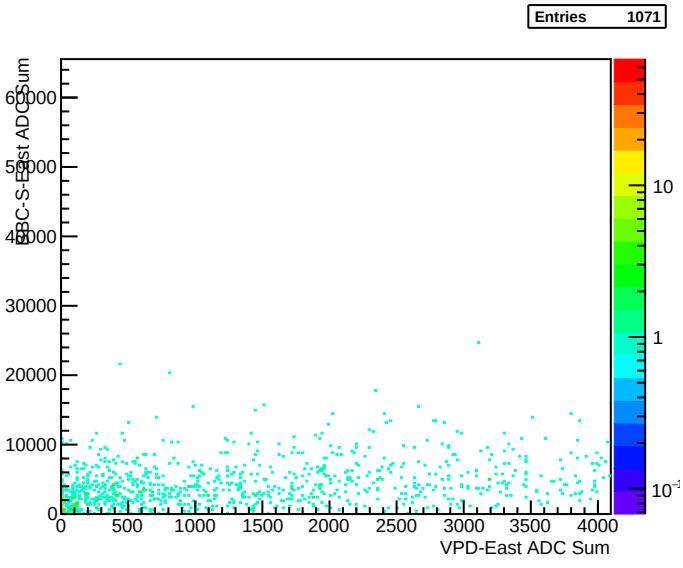

Entries 1071
TOF Mult
VPD-West ADC Sum

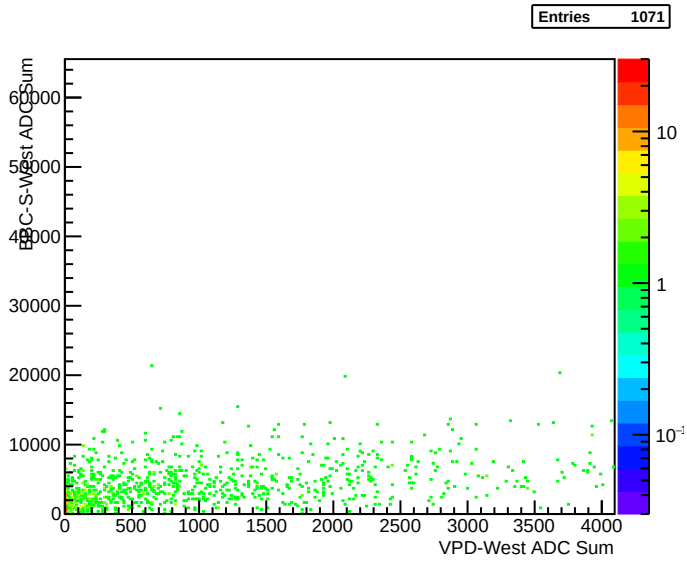

Entries 1071
TOF Mult
ZDC-East ADC Sum Att

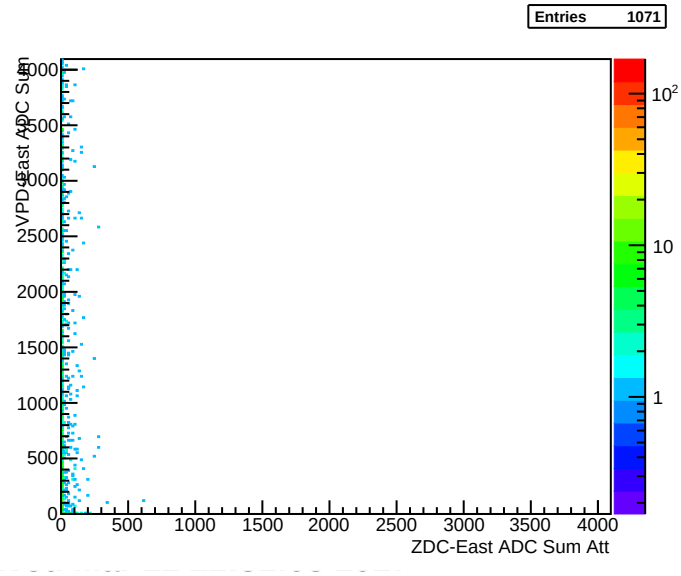

Entries 1071
TOF Mult
ZDC-West ADC Sum Att

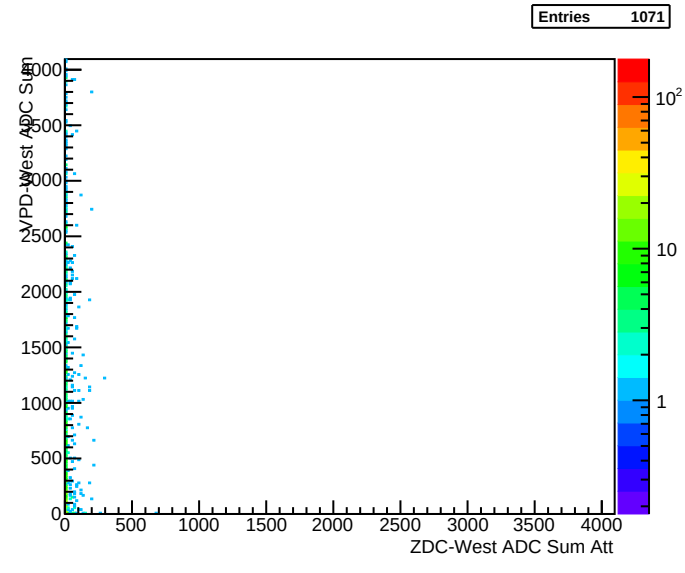

Entries 1071
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

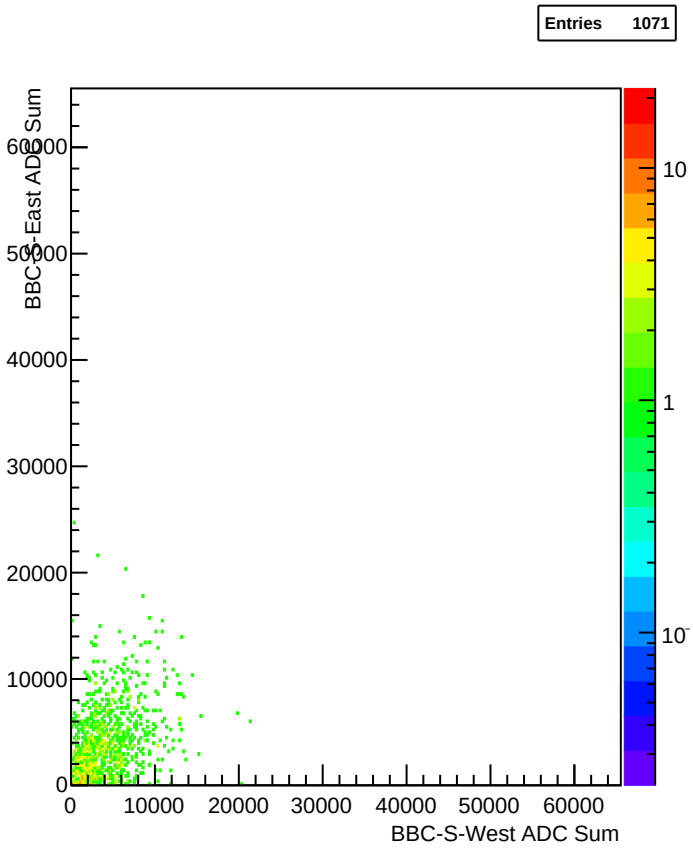

Entries 1071
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

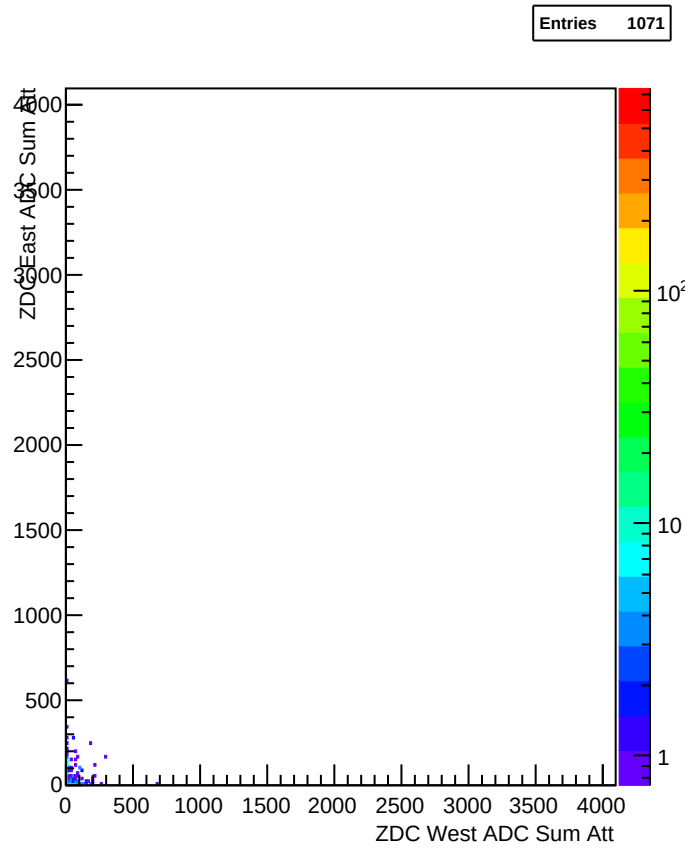

Entries 1071
BBC-S-East ADC Sum
VPD-East ADC Sum

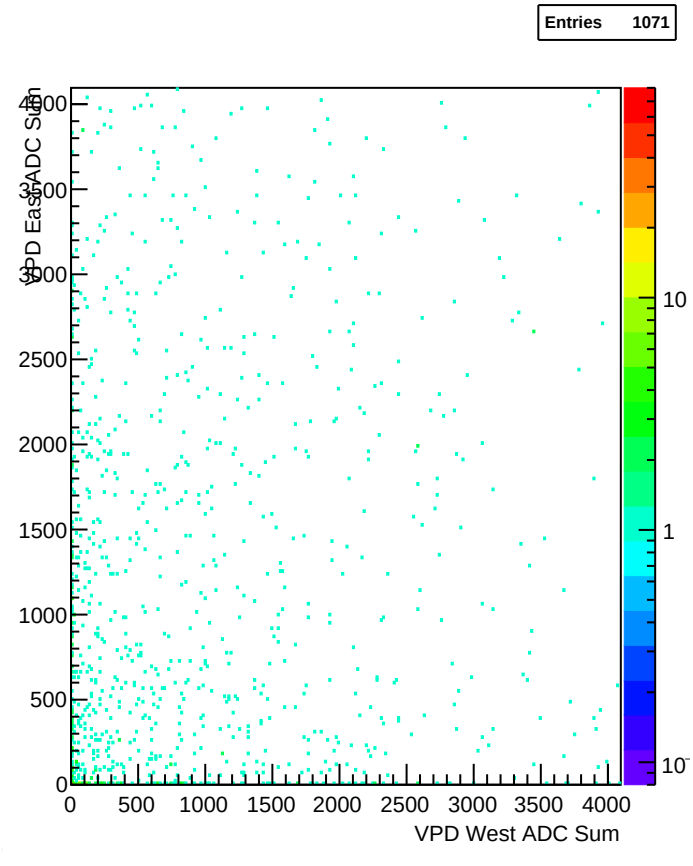

Entries 1071
BBC-S-West ADC Sum
VPD-West ADC Sum

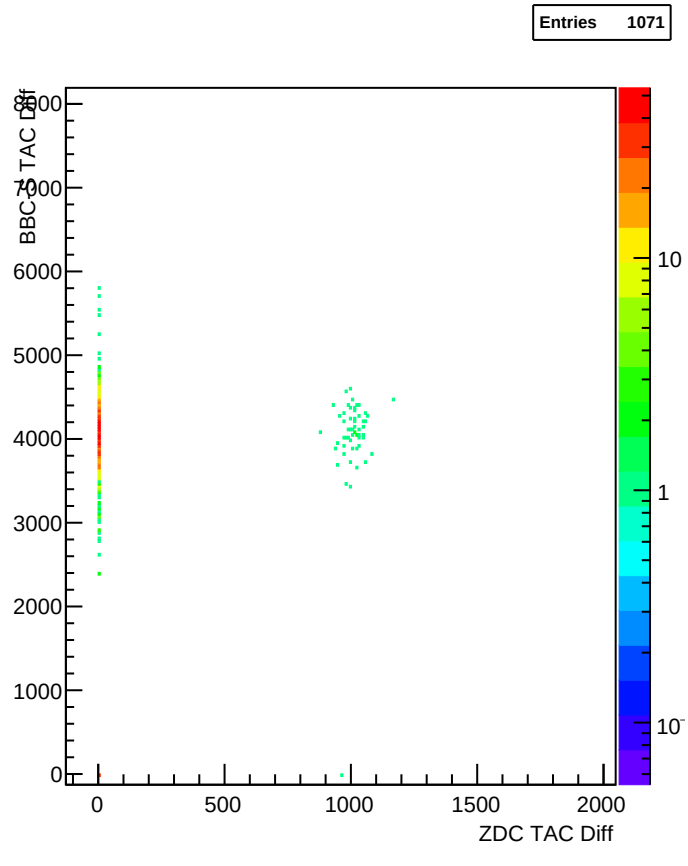

Entries 1071
VPD-East ADC Sum
ZDC-East ADC Sum Att

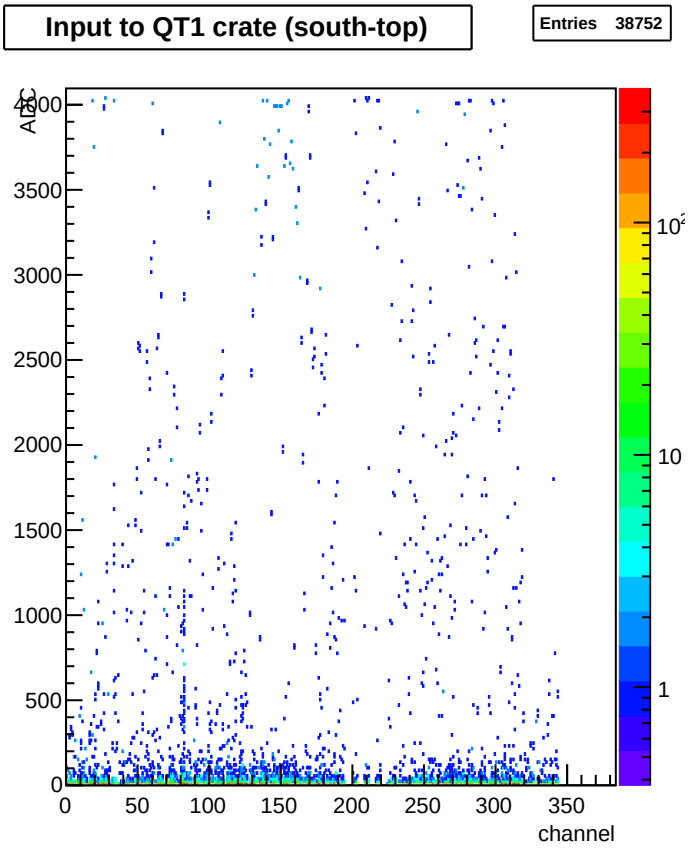

Entries 1071
VPD-West ADC Sum
ZDC-West ADC Sum Att

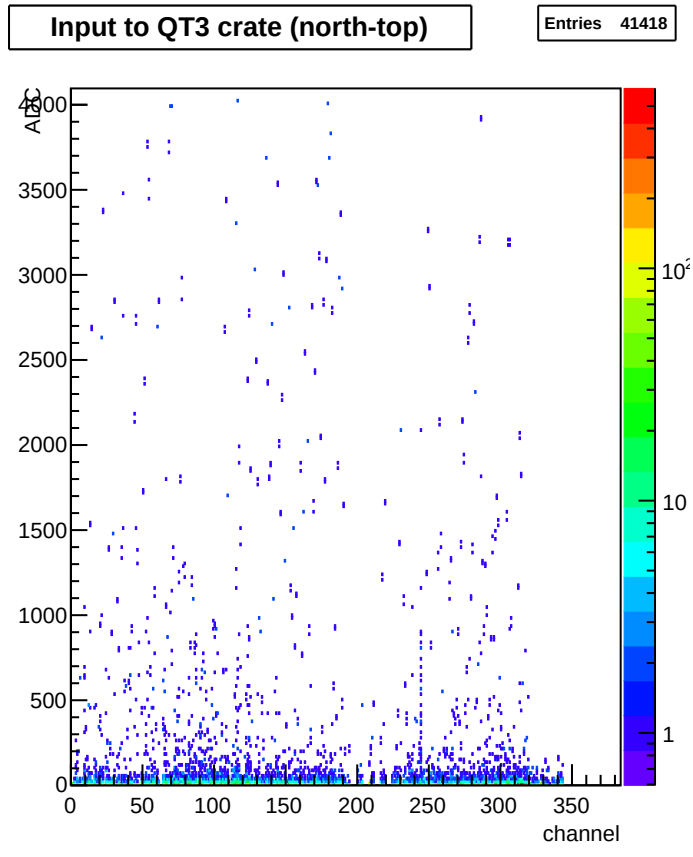

Entries 1071
BBC-S-East ADC Sum
BBC-S-West ADC Sum

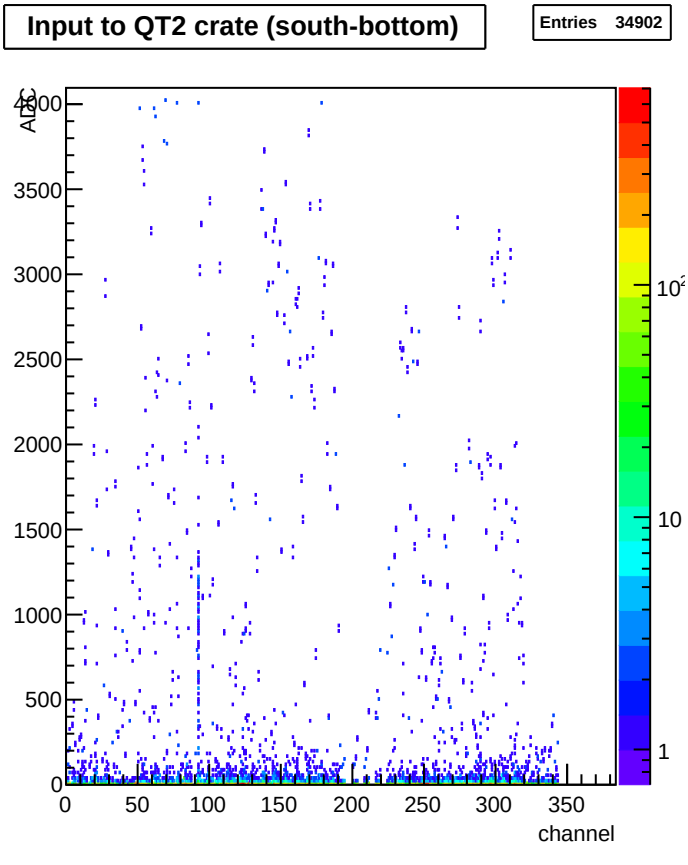

Entries 1071
ZDC East ADC Sum Att
ZDC West ADC Sum Att

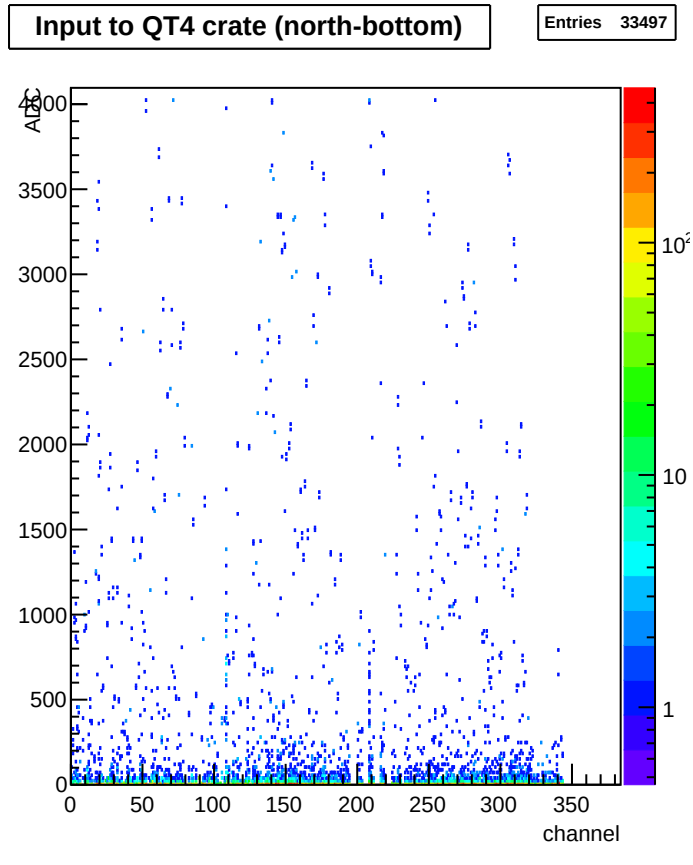

Entries 1071
VPD East ADC Sum
VPD West ADC Sum

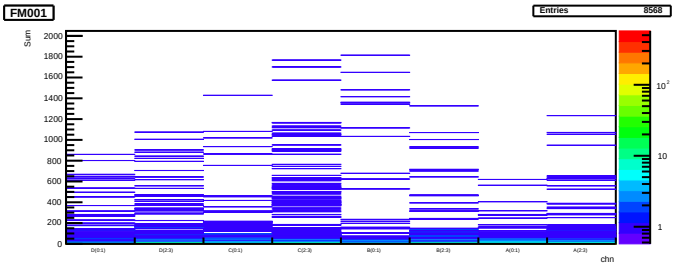

Entries 1071
BBC-S TAC Diff
ZDC TAC Diff

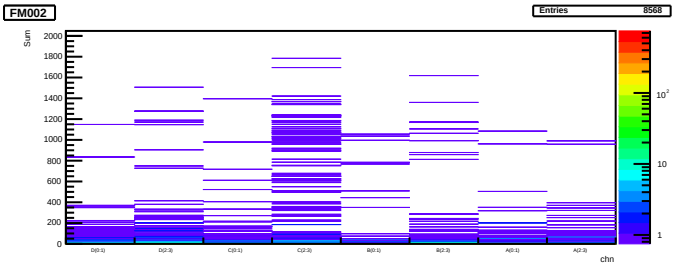

Input to QT1 crate (south-top)
Entries 38752
ADC
channel

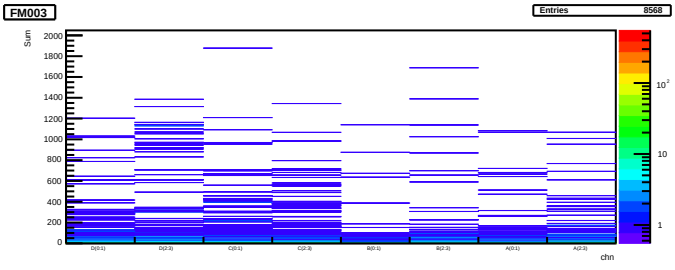

Input to QT3 crate (north-top)
Entries 41418
ADC
channel

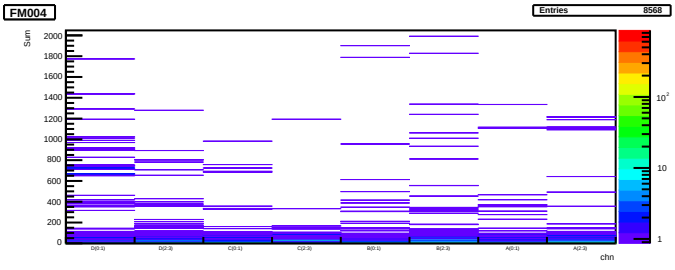

Input to QT2 crate (south-bottom)
Entries 34902
ADC
channel

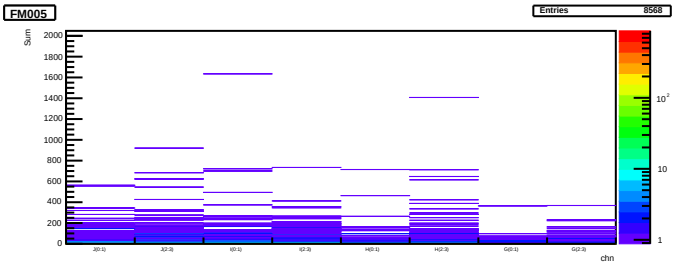

Input to QT4 crate (north-bottom)
Entries 33497
ADC
channel

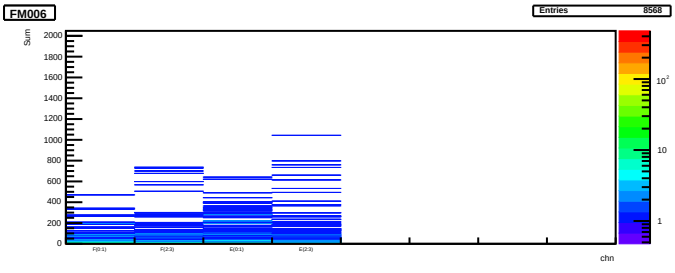

FM001
Entries 8568
Sum
chn

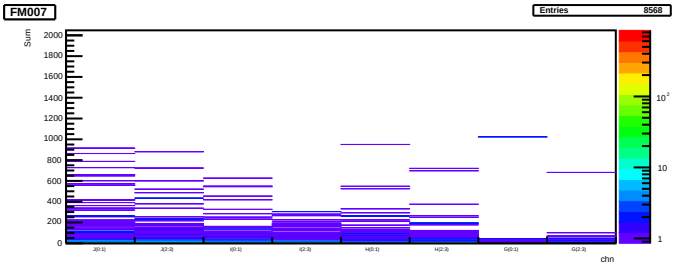

FM002
Entries 8568
Sum
chn

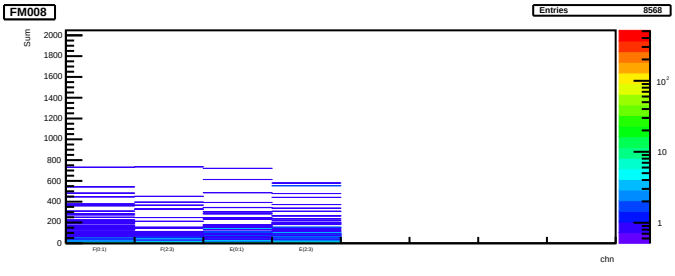

FM003
Entries 8568
Sum
chn

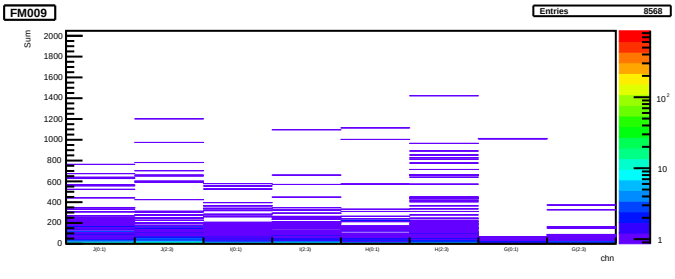

FM004
Entries 8568
Sum
chn

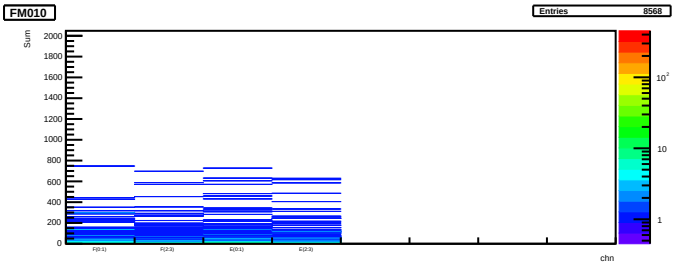

FM005
Entries 8568
Sum
chn

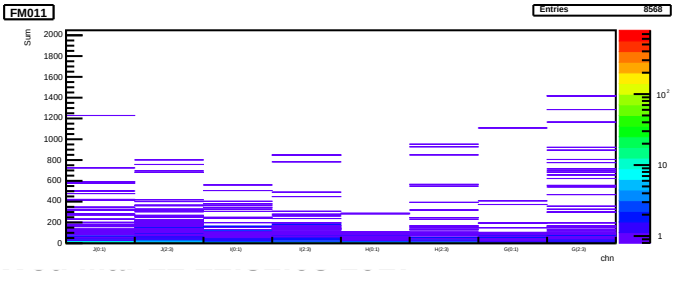

FM006
Entries 8568
Sum
chn

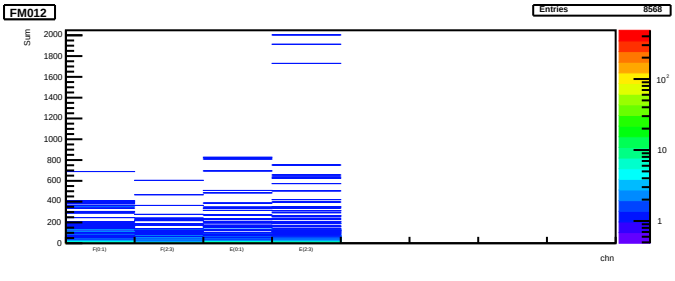

FM007
Entries 8568
Sum
chn


FM008
Entries 8568
Sum
chn


FM009
Entries 8568
Sum
chn


FM010
Entries 8568
Sum
chn


FM011
Entries 8568
Sum
chn


FM012
Entries 8568
Sum
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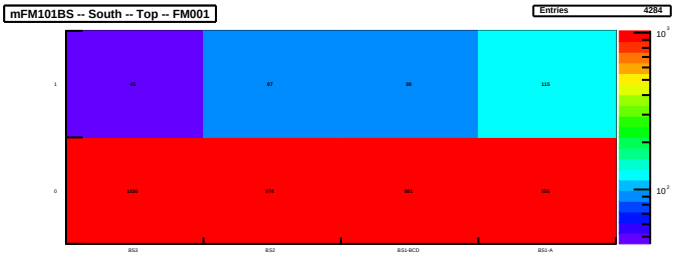
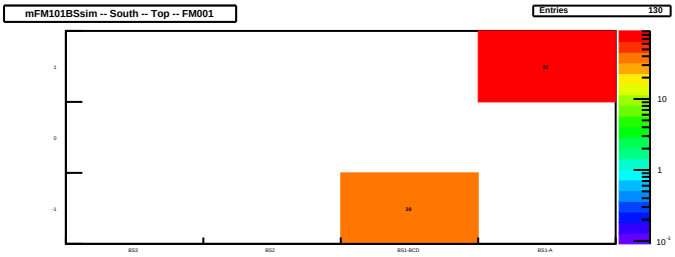
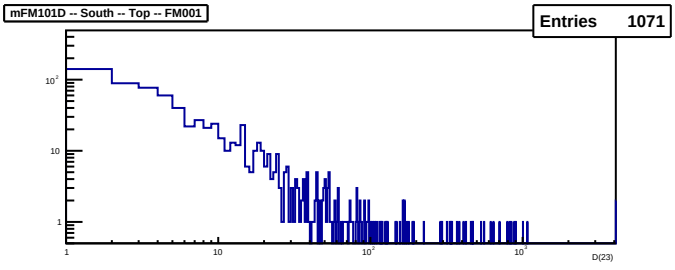
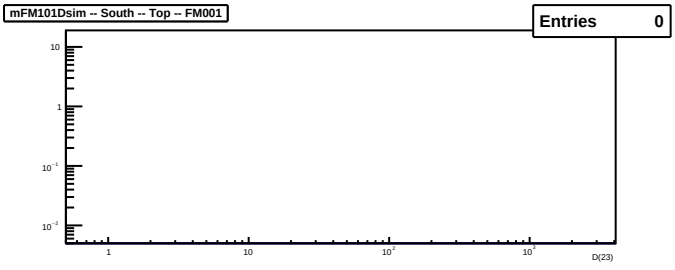
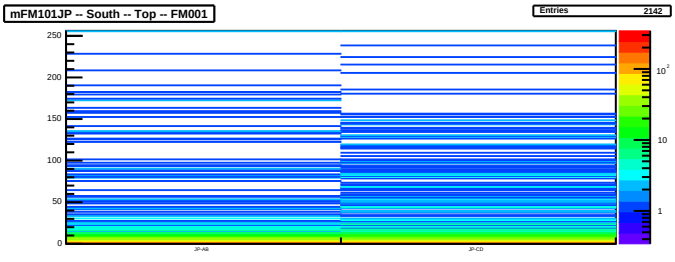

mFM101BS -- South -- Top -- FM001
Entries 4284

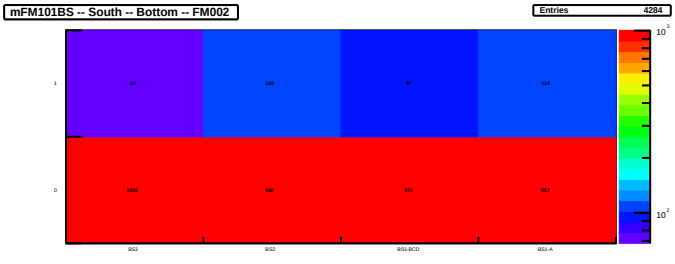

mFM101BSsim -- South -- Top -- FM001
Entries 130

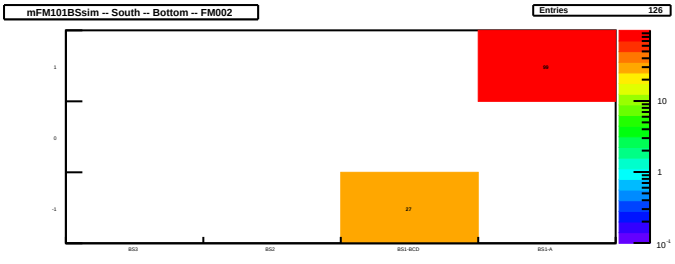

mFM101D -- South -- Top -- FM001
Entries 1071
D(23)

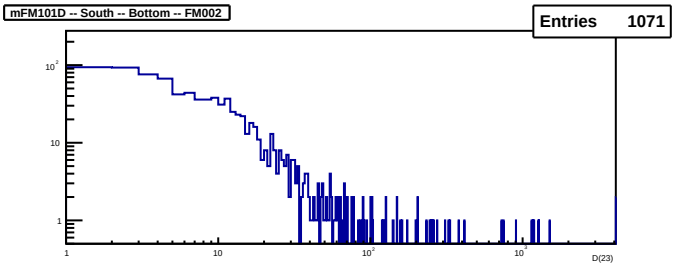

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)


mFM101JP -- South -- Top -- FM001
Entries 2142

mFM101JPsim -- South -- Top -- FM001
Entries 0


mFM101BS -- South -- Bottom -- FM002
Entries 4284


mFM101BSsim -- South -- Bottom -- FM002
Entries 126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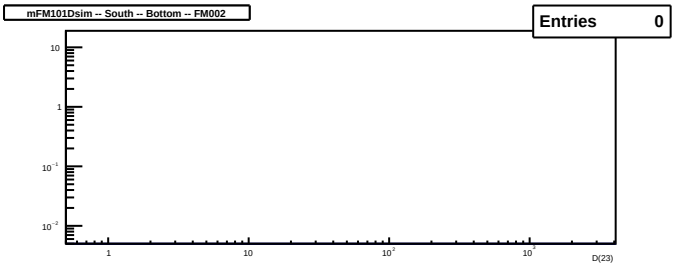
Entries 1071
D(23)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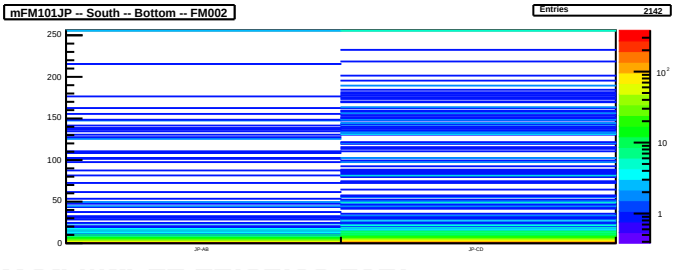
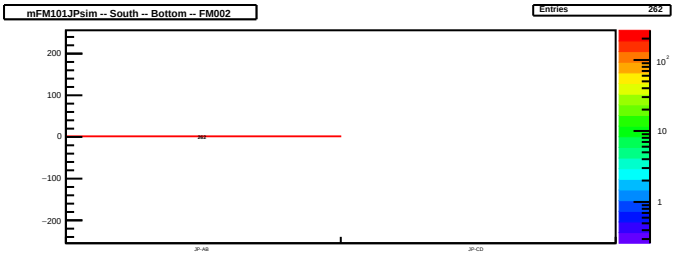
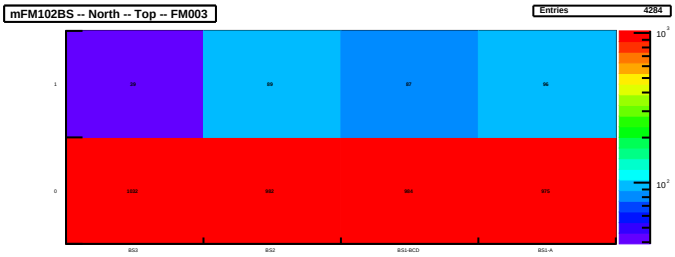
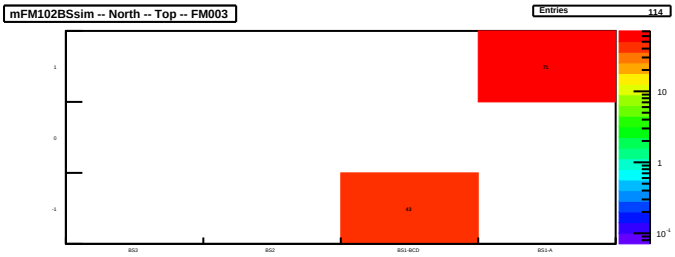
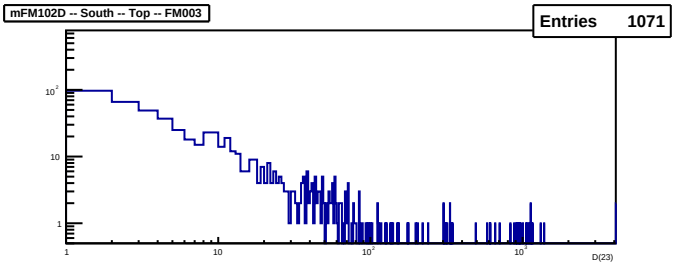
Entries 0
D(23)

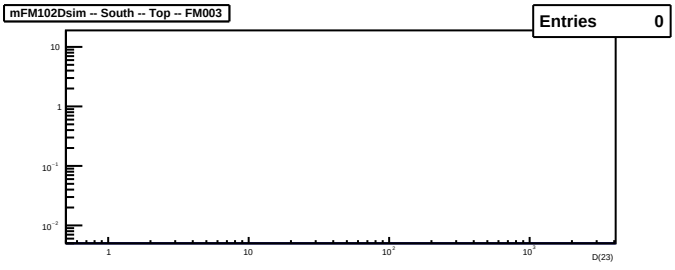

mFM101JP -- South -- Bottom -- FM002
Entries 2142


mFM101JPsim -- South -- Bottom -- FM002
Entries 262


mFM102BS -- North -- Top -- FM003
Entries 4284


mFM102BSsim -- North -- Top -- FM003
Entries 114


mFM102D -- South -- Top -- FM003
Entries 1071
D(23)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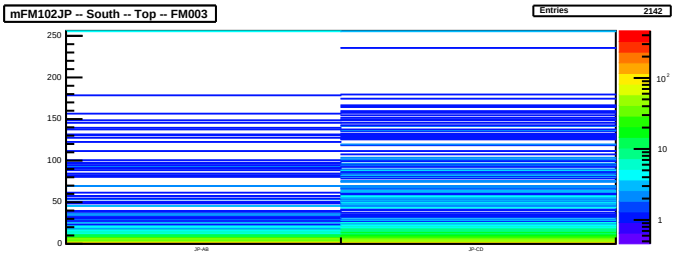
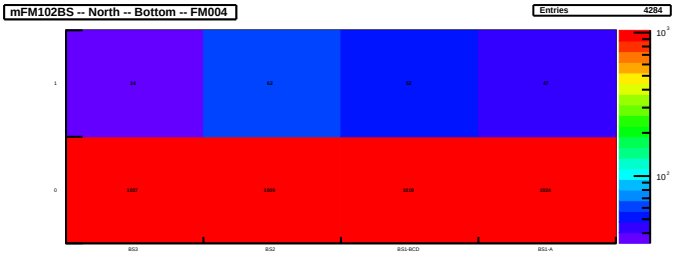
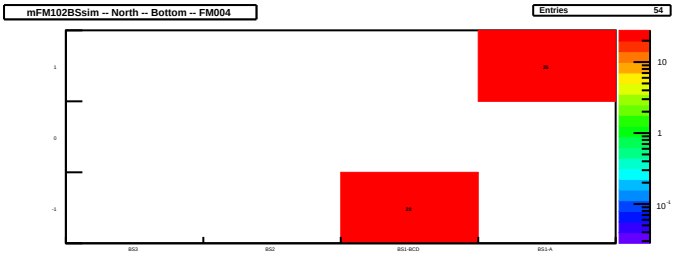
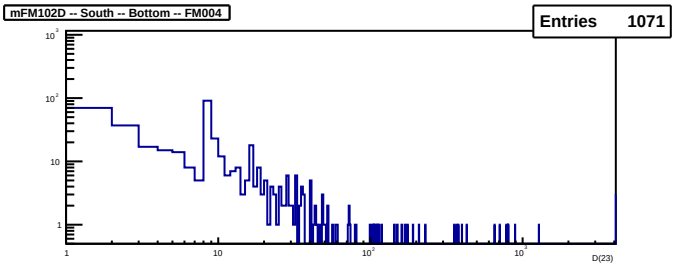
Entries 0
D(23)


mFM102JP -- South -- Top -- FM003
Entries 2142

mFM102JPsim -- South -- Top -- FM003
Entries 0


mFM102BS -- North -- Bottom -- FM004
Entries 4284


mFM102BSsim -- North -- Bottom -- FM004
Entries 54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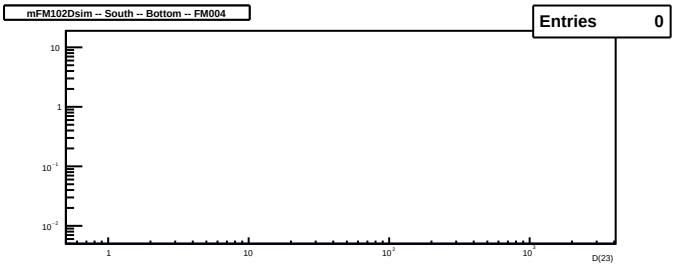
Entries 1071
D(23)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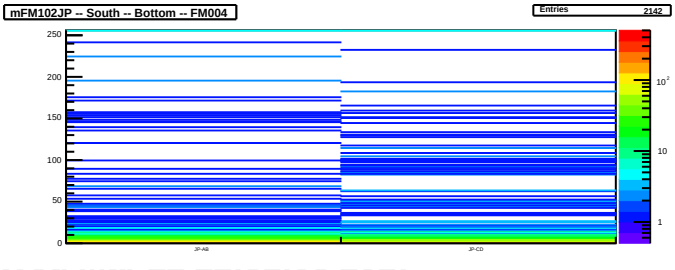
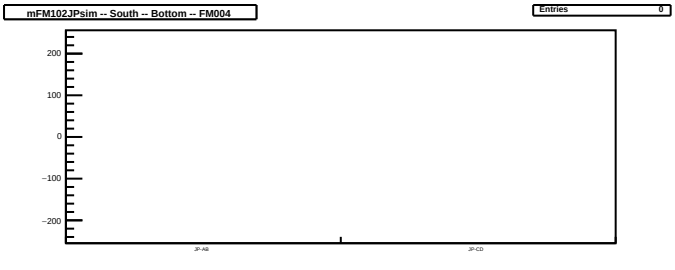
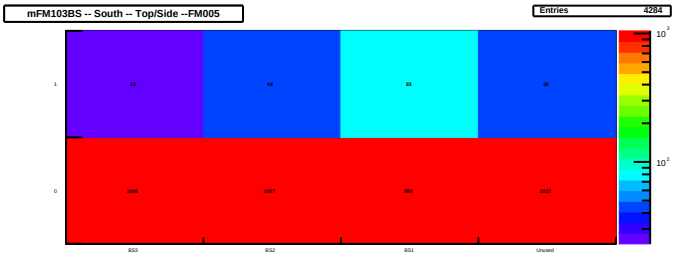
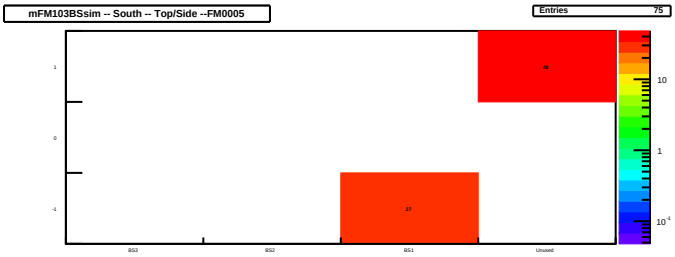
Entries 0
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 2142


mFM102JPsim -- South -- Bottom -- FM004
Entries 0


mFM103BS -- South -- Top/Side --FM005
Entries 4284
BS3
BS2
BS1
Unused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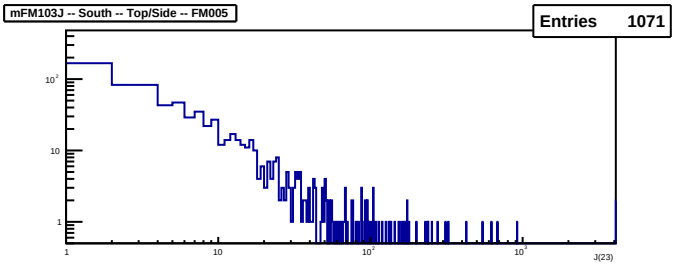
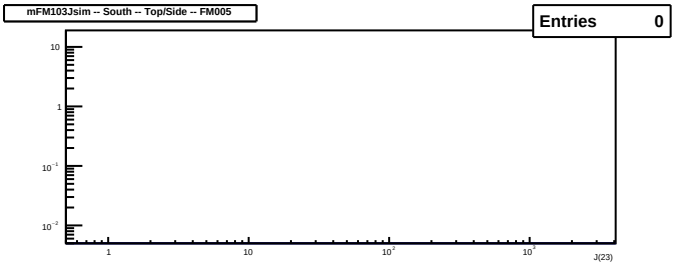
Entries 75
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 1071
J(23)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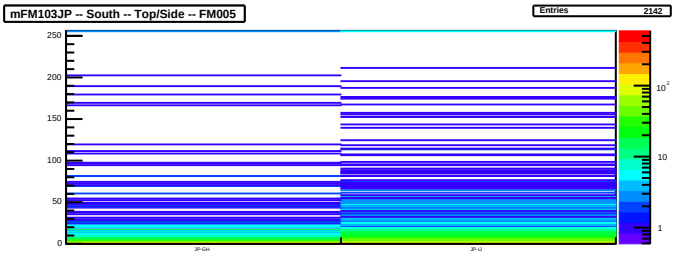
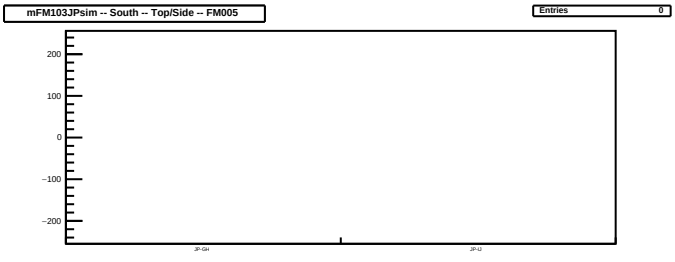
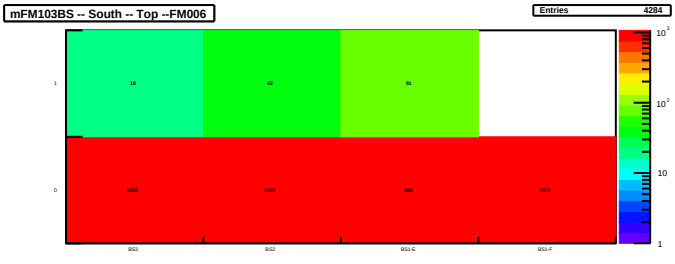
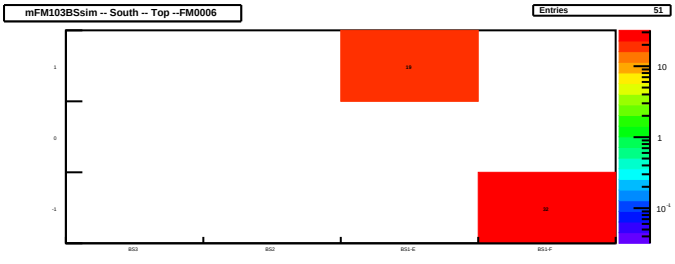
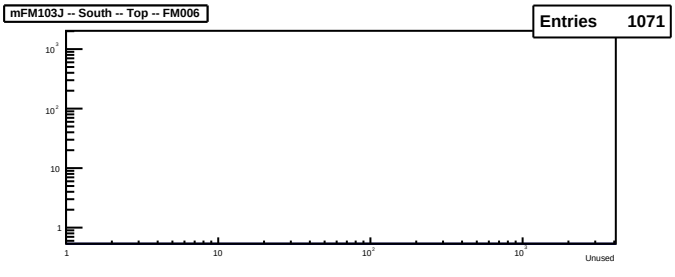
Entries 0
J(23)

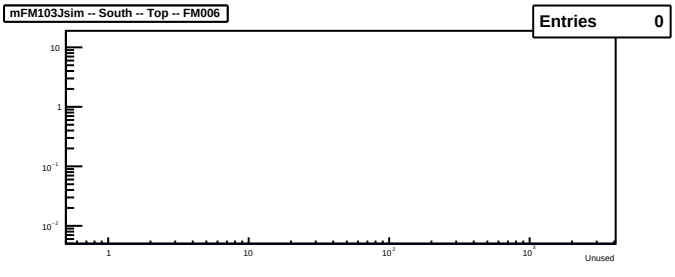

mFM103JP -- South -- Top/Side -- FM005
Entries 2142
JP-GH
JP-IJ

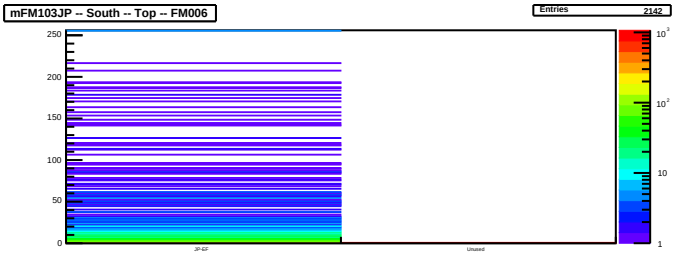

mFM103JPsim -- South -- Top/Side -- FM005
Entries 0
JP-GH
JP-IJ

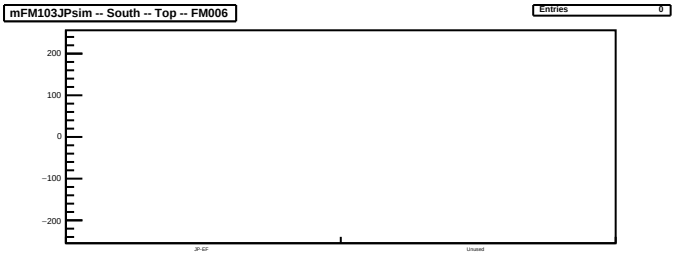

mFM103BS -- South -- Top --FM006
Entries 4284
BS3
BS2
BS1-E
BS1-F

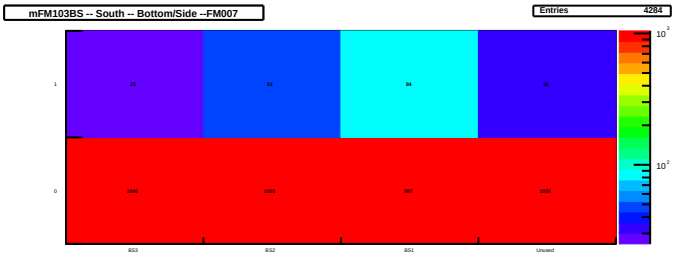

mFM103BSsim -- South -- Top --FM0006
Entries 51
BS3
BS2
BS1-E
BS1-F

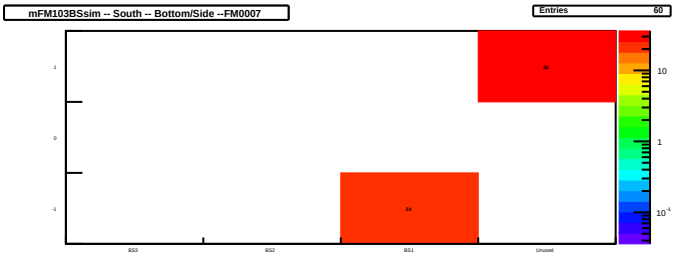

mFM103J -- South -- Top -- FM006
Entries 1071
Unused

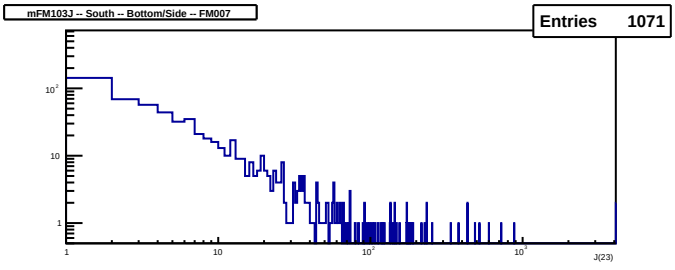

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

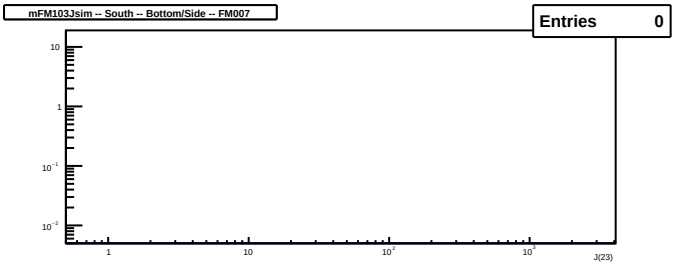

mFM103JP -- South -- Top -- FM006
Entries 2142
JP-EF
Unused


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


mFM103BS -- South -- Bottom/Side --FM007
Entries 4284
BS3
BS2
BS1
Unused


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 60
BS3
BS2
BS1
Unused


mFM103J -- South -- Bottom/Side -- FM007
Entries 1071
J(23)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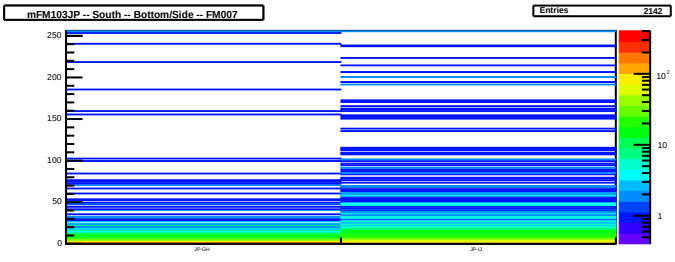
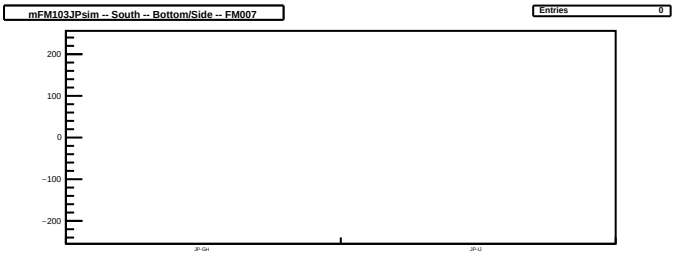
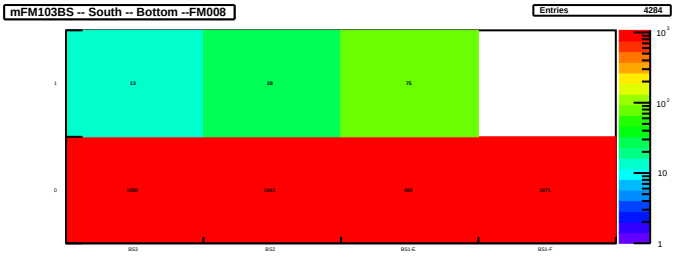
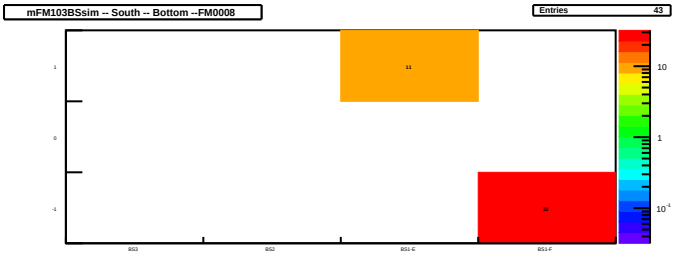
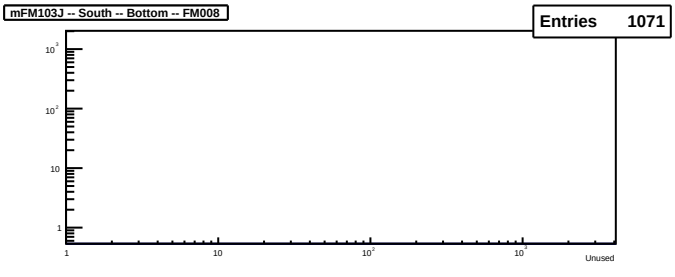
Entries 0
J(23)

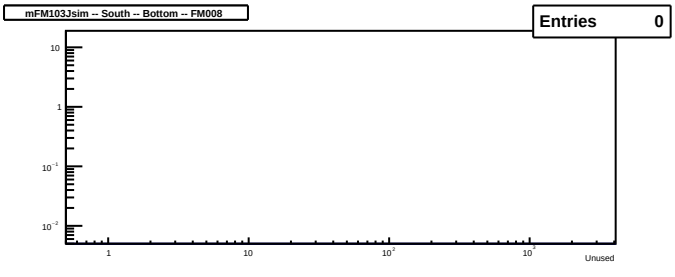

mFM103JP -- South -- Bottom/Side -- FM007
Entries 2142
JP-GH
JP-IJ


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


mFM103BS -- South -- Bottom --FM008
Entries 4284
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 43
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 1071
Unused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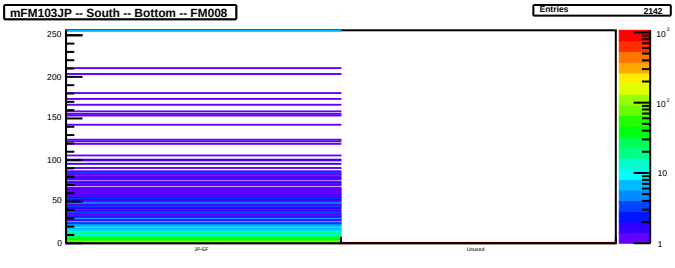
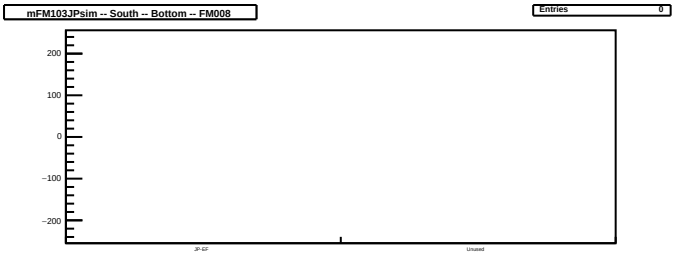
Entries 0
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 2142
JP-EF
Unused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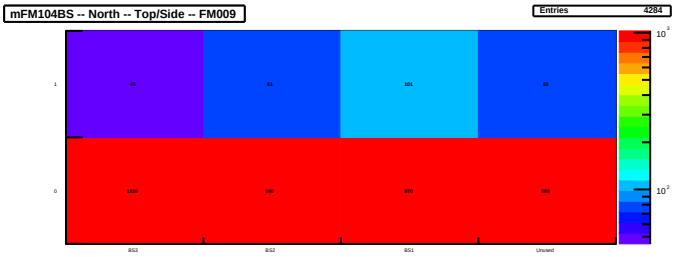
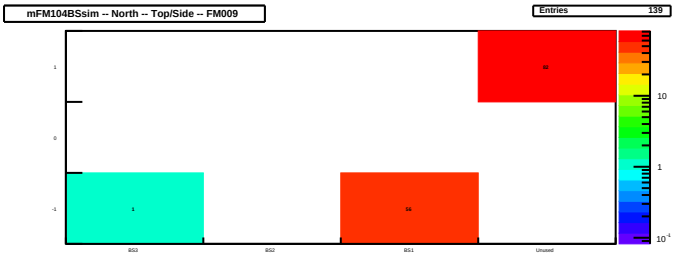
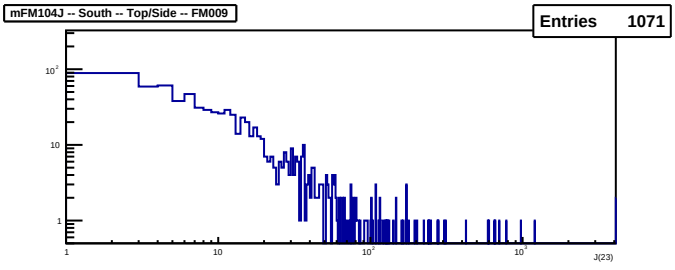
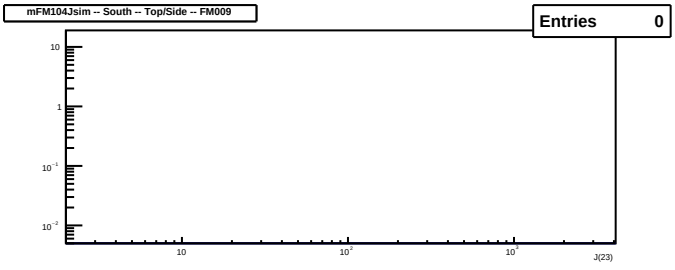
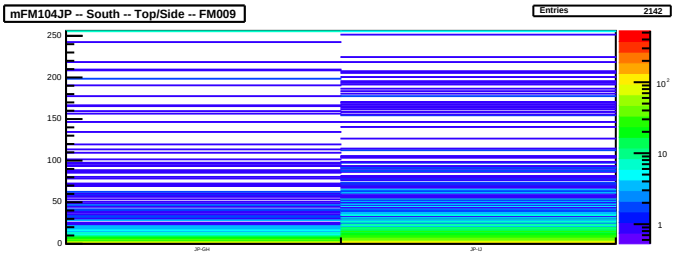
Entries 0
JP-EF
Unused

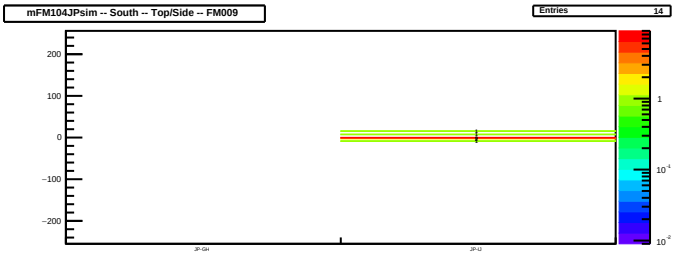

mFM104BS -- North -- Top/Side -- FM009
Entries 4284

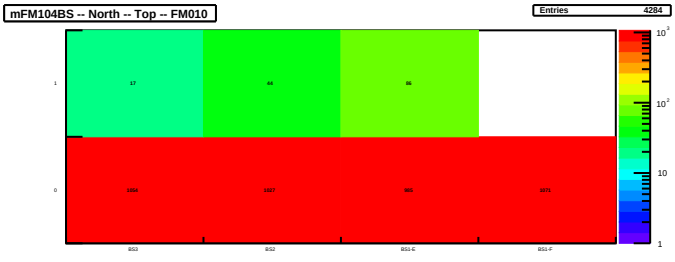

mFM104BSsim -- North -- Top/Side -- FM009
Entries 139

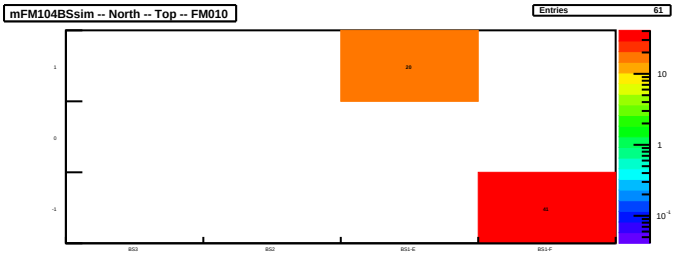

mFM104J -- South -- Top/Side -- FM009
Entries 1071
J(23)

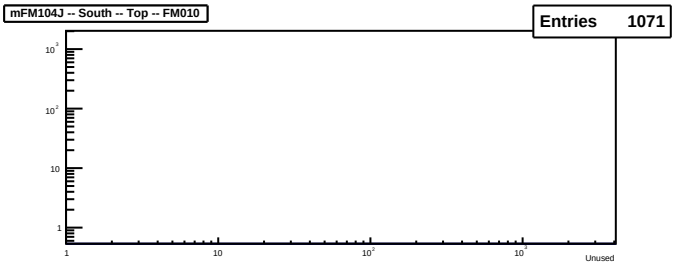

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

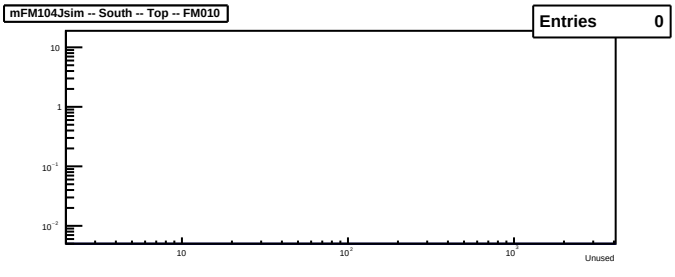

mFM104JP -- South -- Top/Side -- FM009
Entries 2142

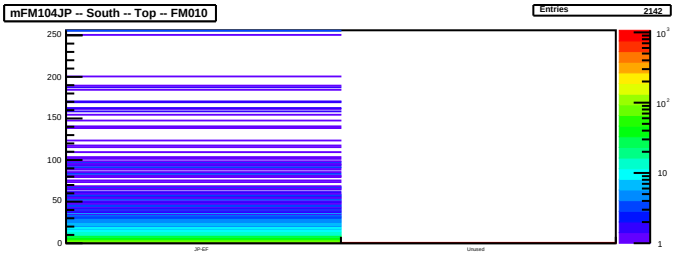

mFM104JPsim -- South -- Top/Side -- FM009
Entries 14

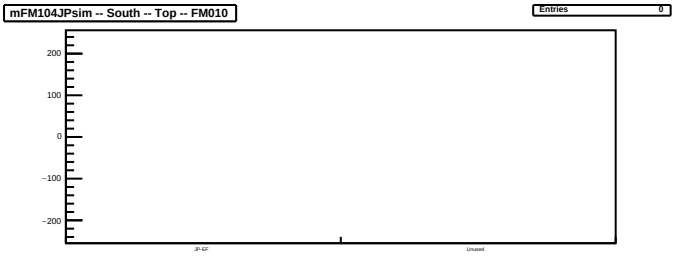

mFM104BS -- North -- Top -- FM010
Entries 4284

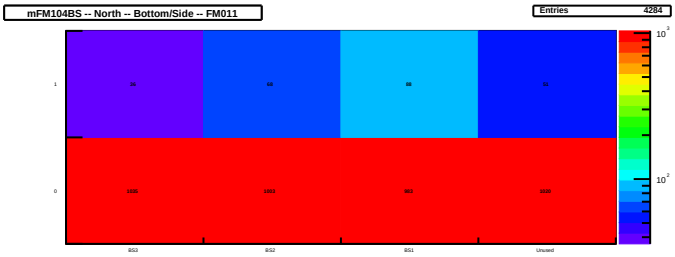

mFM104BSsim -- North -- Top -- FM010
Entries 61

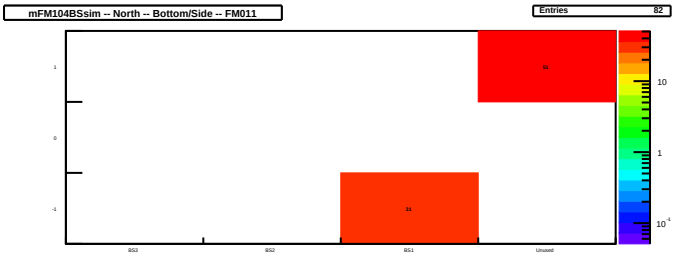

mFM104J -- South -- Top -- FM010
Entries 1071
Unused

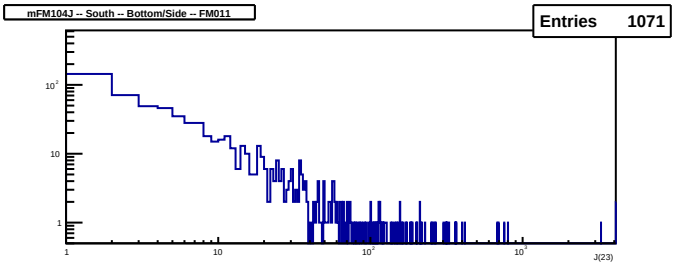

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

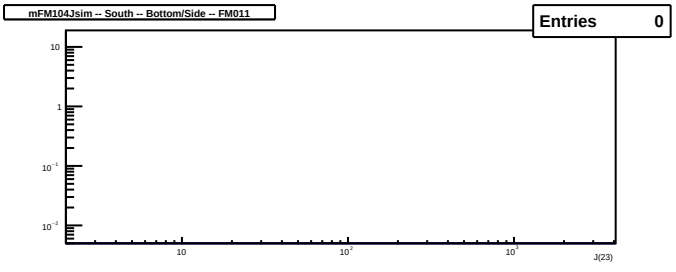

mFM104JP -- South -- Top -- FM010
Entries 2142

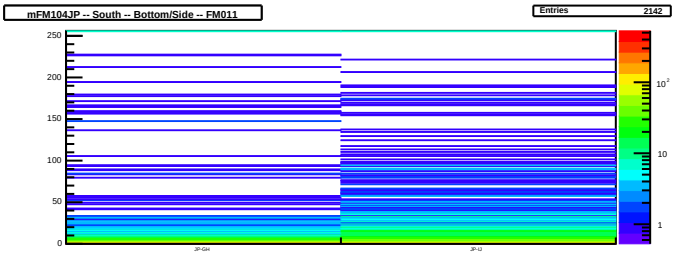

mFM104JPsim -- South -- Top -- FM010
Entries 0

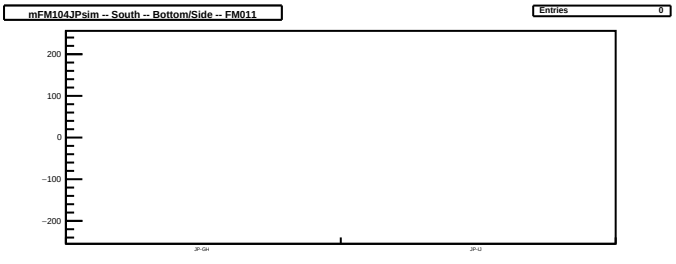

mFM104BS -- North -- Bottom/Side -- FM011
Entries 4284
BS3
BS2
BS1
Unused

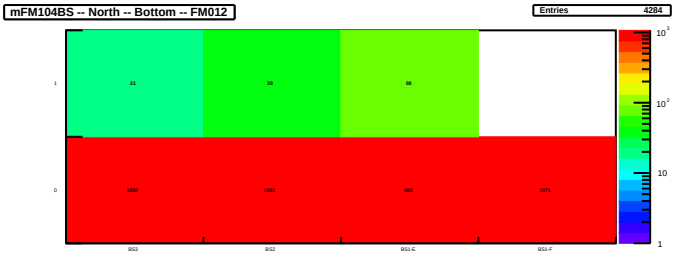

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 82
BS3
BS2
BS1
Unused

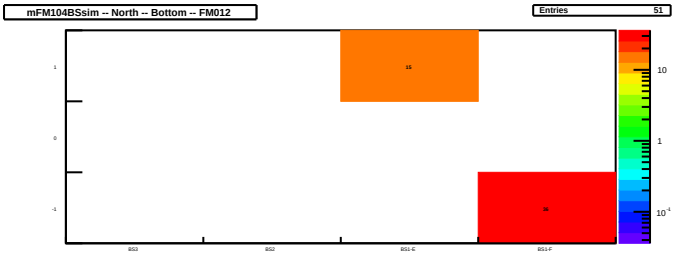

mFM104J -- South -- Bottom/Side -- FM011
Entries 1071
J(23)

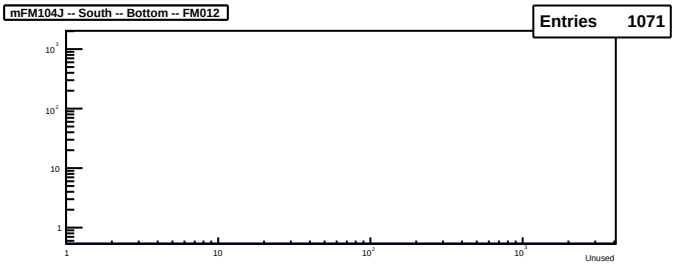

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

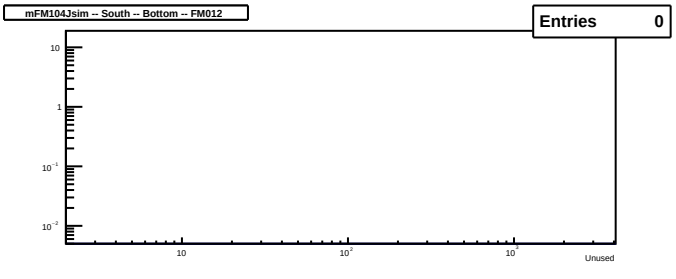

mFM104JP -- South -- Bottom/Side -- FM011
Entries 2142
JP-GH
JP-IJ

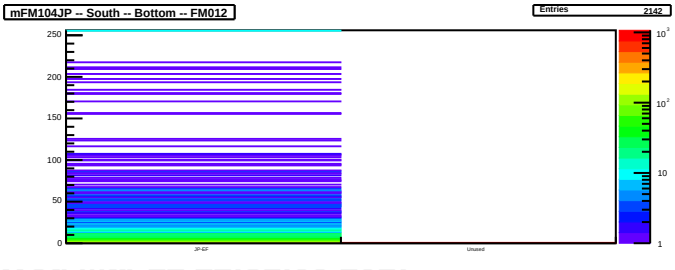

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 0
JP-GH
JP-IJ

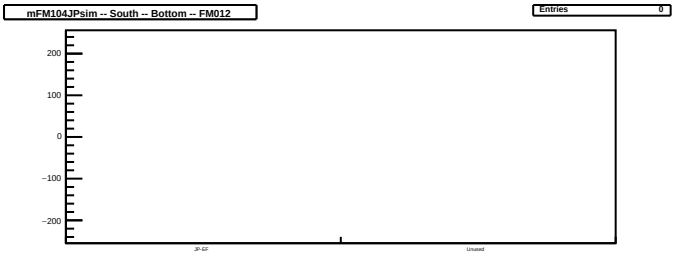

mFM104BS -- North -- Bottom -- FM012
Entries 4284
BS3
BS2
BS1-E
BS1-F

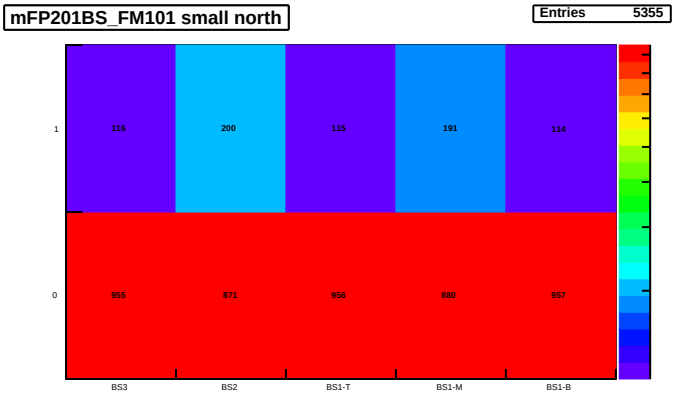

mFM104BSsim -- North -- Bottom -- FM012
Entries 51
BS3
BS2
BS1-E
BS1-F

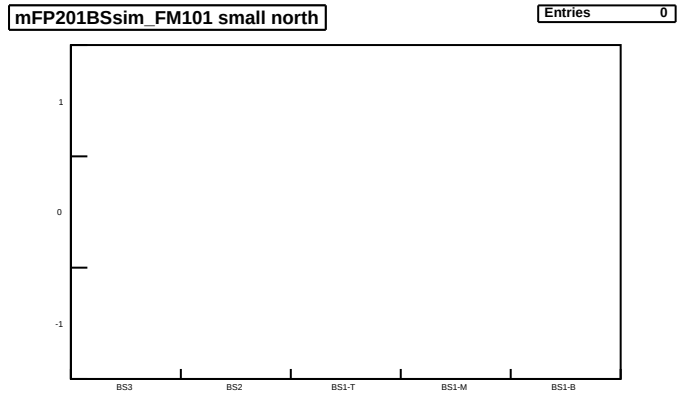

mFM104J -- South -- Bottom -- FM012
Entries 1071
Unused

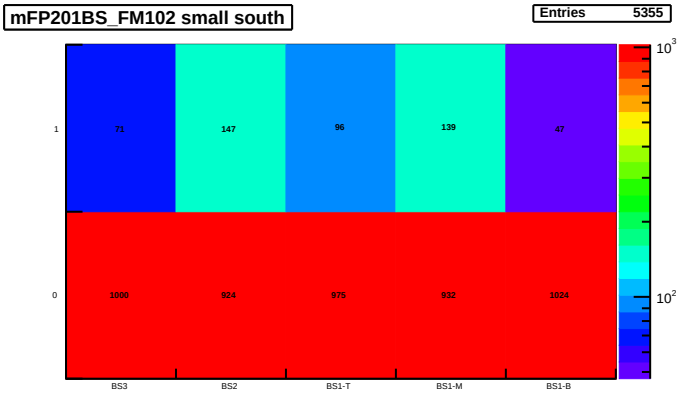

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

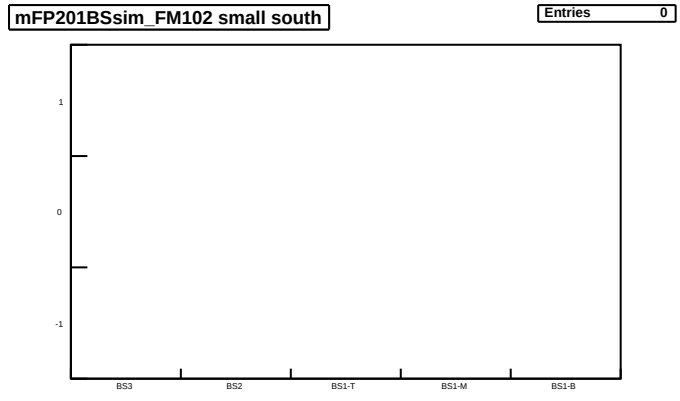

mFM104JP -- South -- Bottom -- FM012
Entries 2142
JP-EF
Unused

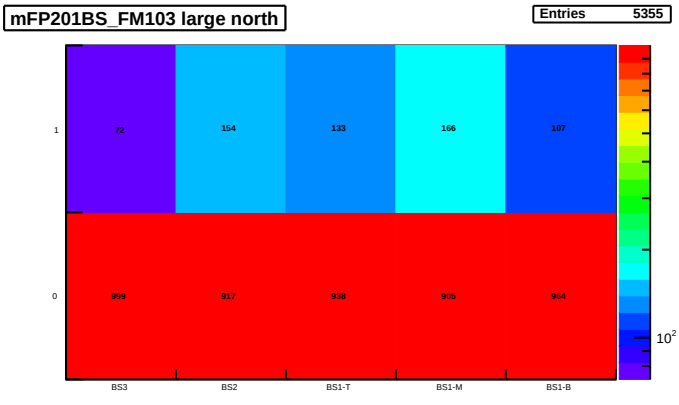

mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

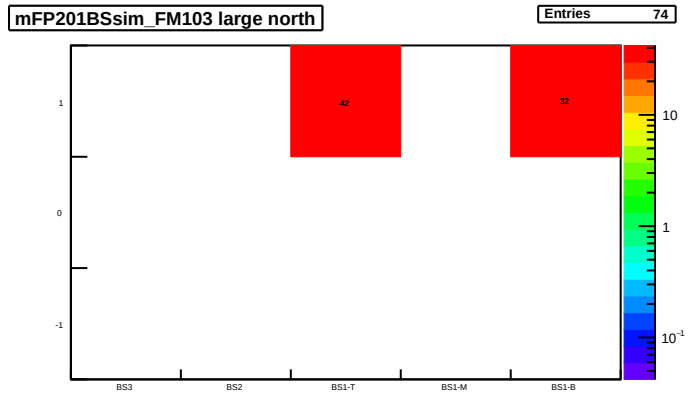

mFP201BS_FM101 small north
Entries 5355
116
200
115
191
114
955
871
956
880
957
BS3
BS2
BS1-T
BS1-M
BS1-B

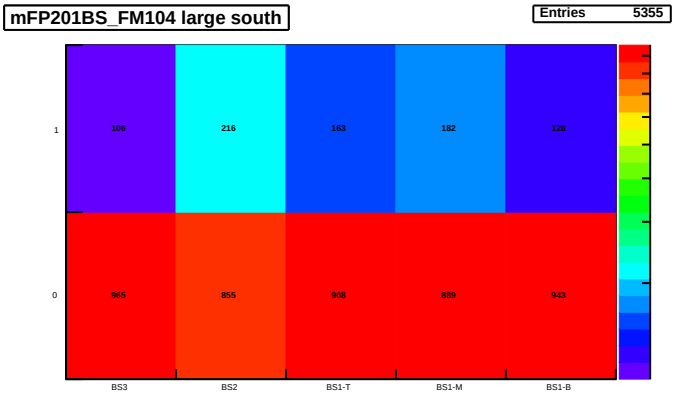

mFP201BSsim_FM101 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

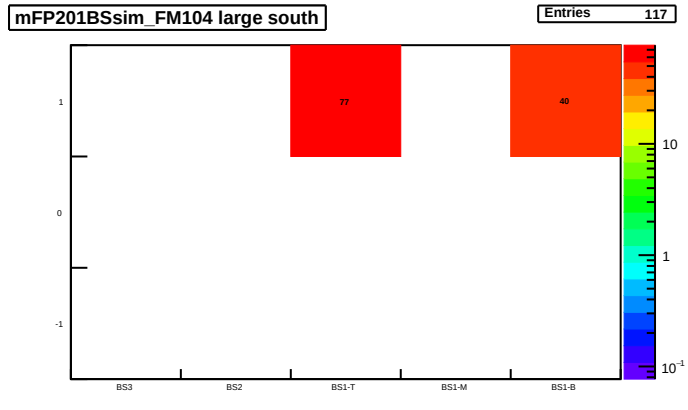

mFP201BS_FM102 small south
Entries 5355
71
147
96
139
47
1000
924
975
932
1024
BS3
BS2
BS1-T
BS1-M
BS1-B

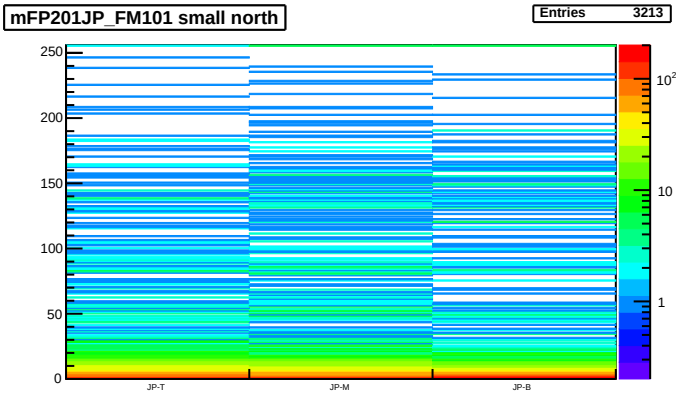

mFP201BSsim_FM102 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

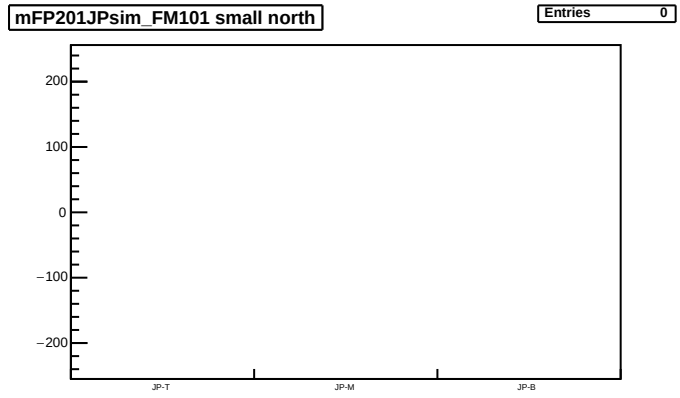

mFP201BS_FM103 large north
Entries 5355
72
154
133
166
107
999
917
938
905
964
BS3
BS2
BS1-T
BS1-M
BS1-B

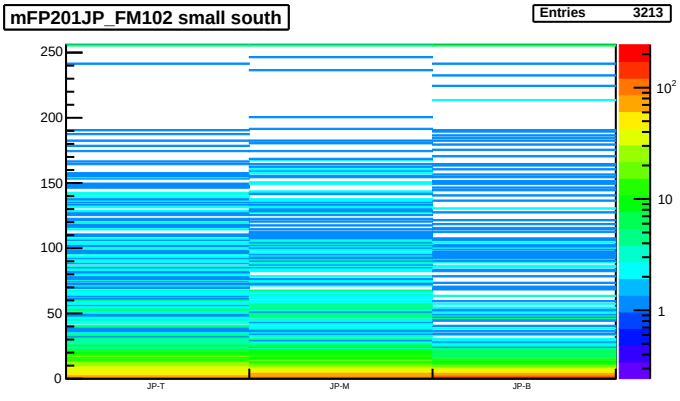

mFP201BSsim_FM103 large north
Entries 74
42
32
BS3
BS2
BS1-T
BS1-M
BS1-B

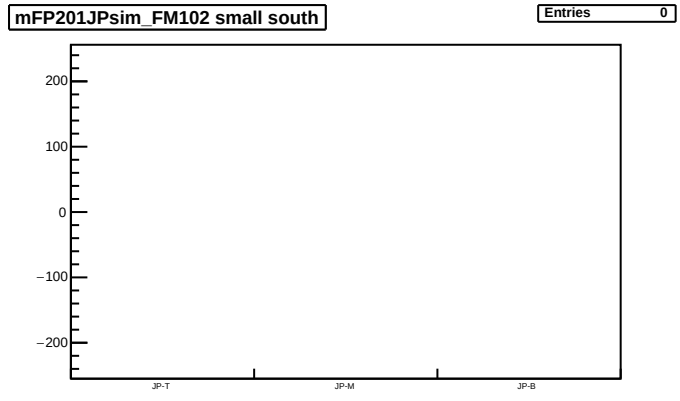

mFP201BS_FM104 large south
Entries 5355
106
216
163
182
128
965
855
908
889
943
BS3
BS2
BS1-T
BS1-M
BS1-B

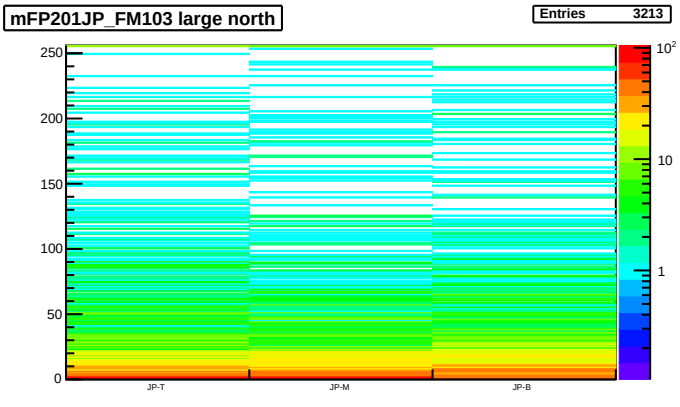

mFP201BSsim_FM104 large south
Entries 117
77
40
BS3
BS2
BS1-T
BS1-M
BS1-B

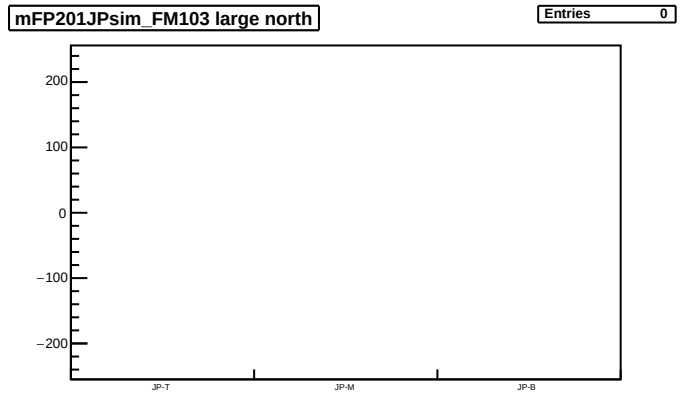

mFP201JP_FM101 small north
Entries 3213
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

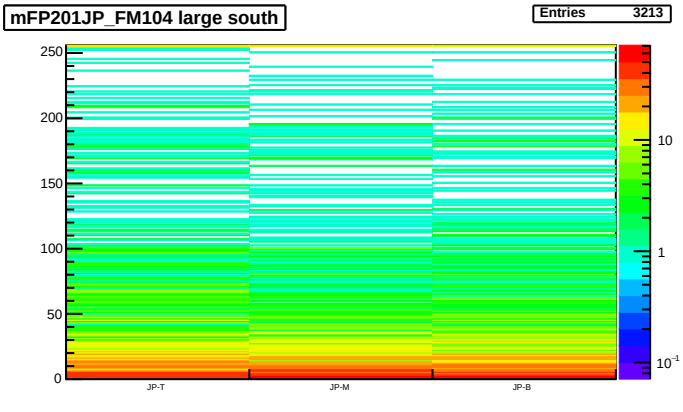

mFP201JPsim_FM101 small north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

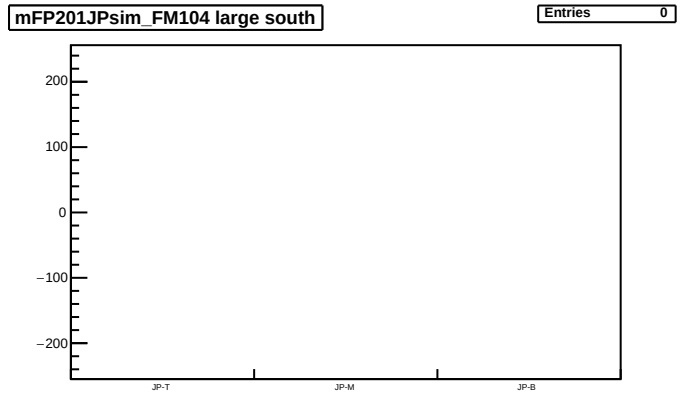

mFP201JP_FM102 small south
Entries 3213
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

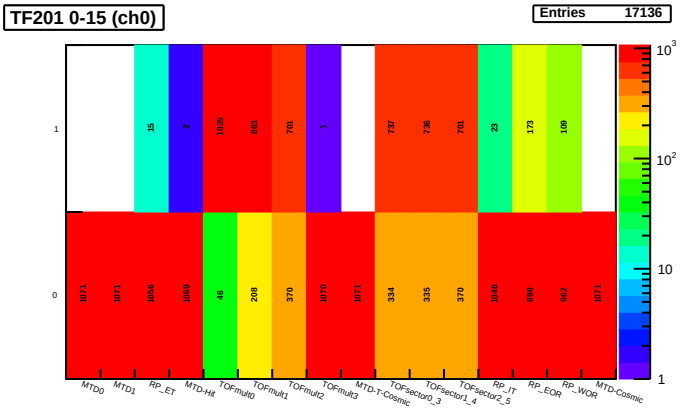

mFP201JPsim_FM102 small south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

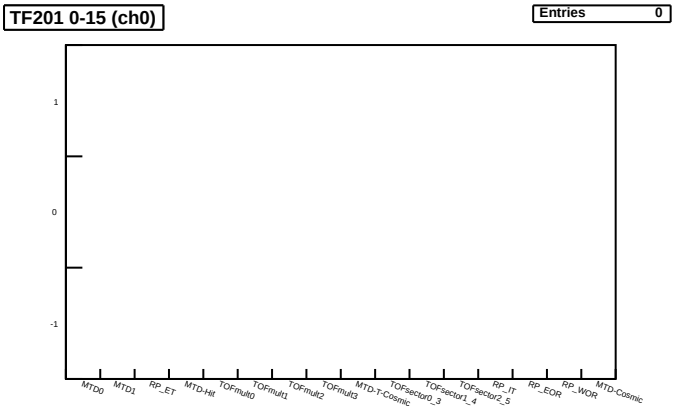

mFP201JP_FM103 large north
Entries 3213
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^2
10
1

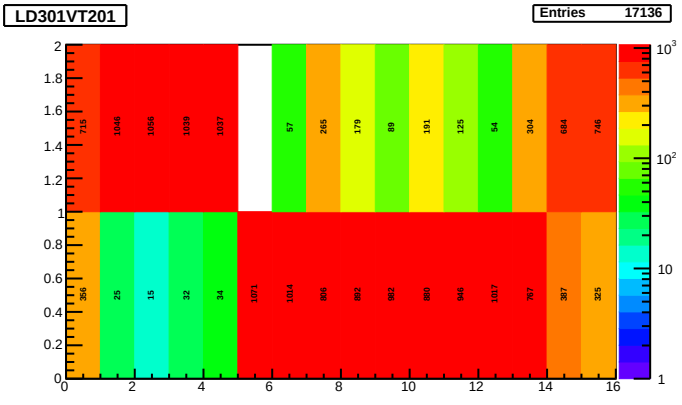

mFP201JPsim_FM103 large north
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

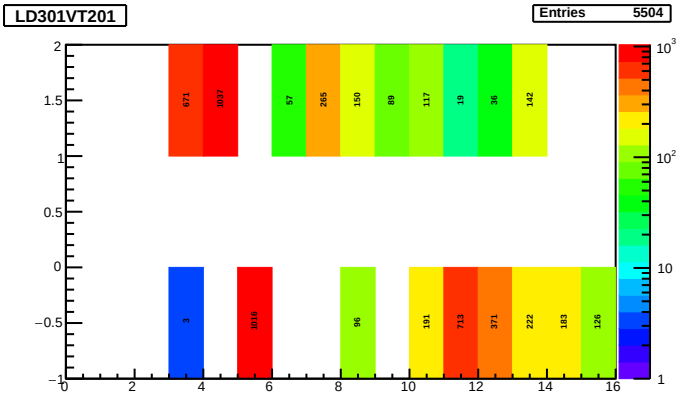

mFP201JP_FM104 large south
Entries 3213
250
200
150
100
50
0
JP-T
JP-M
JP-B
10
1
10^{-1}

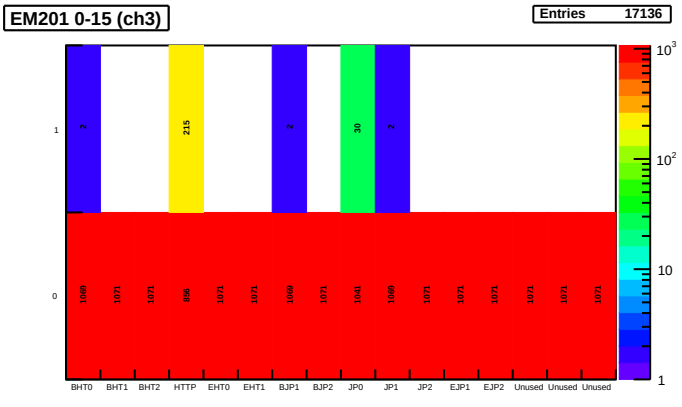

mFP201JPsim_FM104 large south
Entries 0
200
100
0
−100
−200
JP-T
JP-M
JP-B

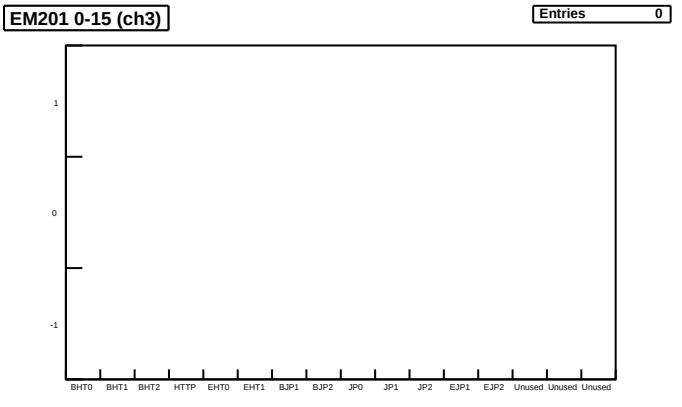

TF201 0-15 (ch0)
Entries 17136
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

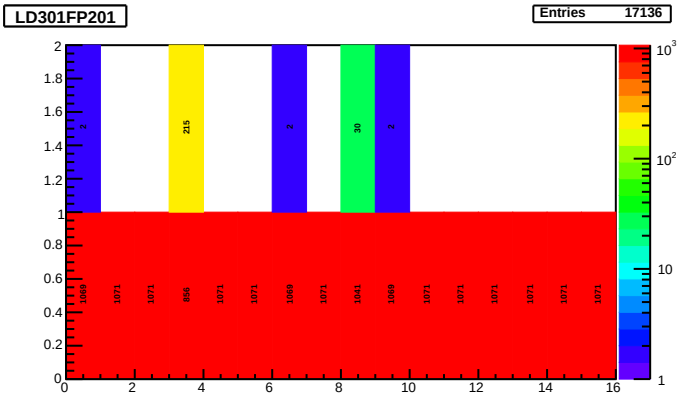

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

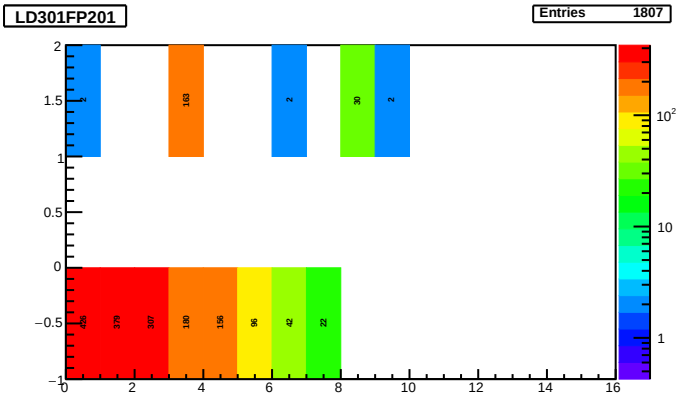

LD301VT201
Entries 17136


LD301VT201
Entries 5504


EM201 0-15 (ch3)
Entries 17136
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 17136


LD301FP201
Entries 1807