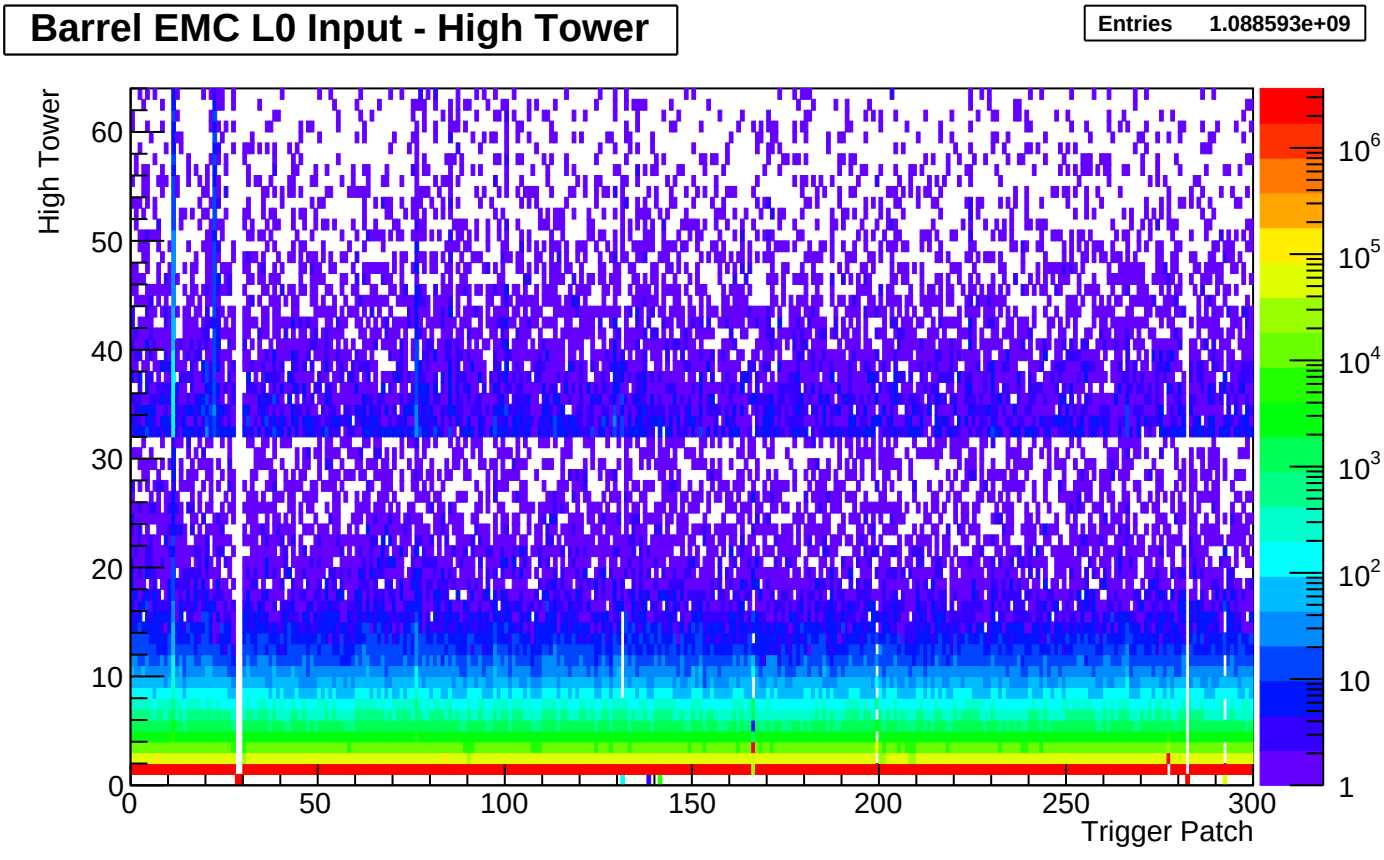
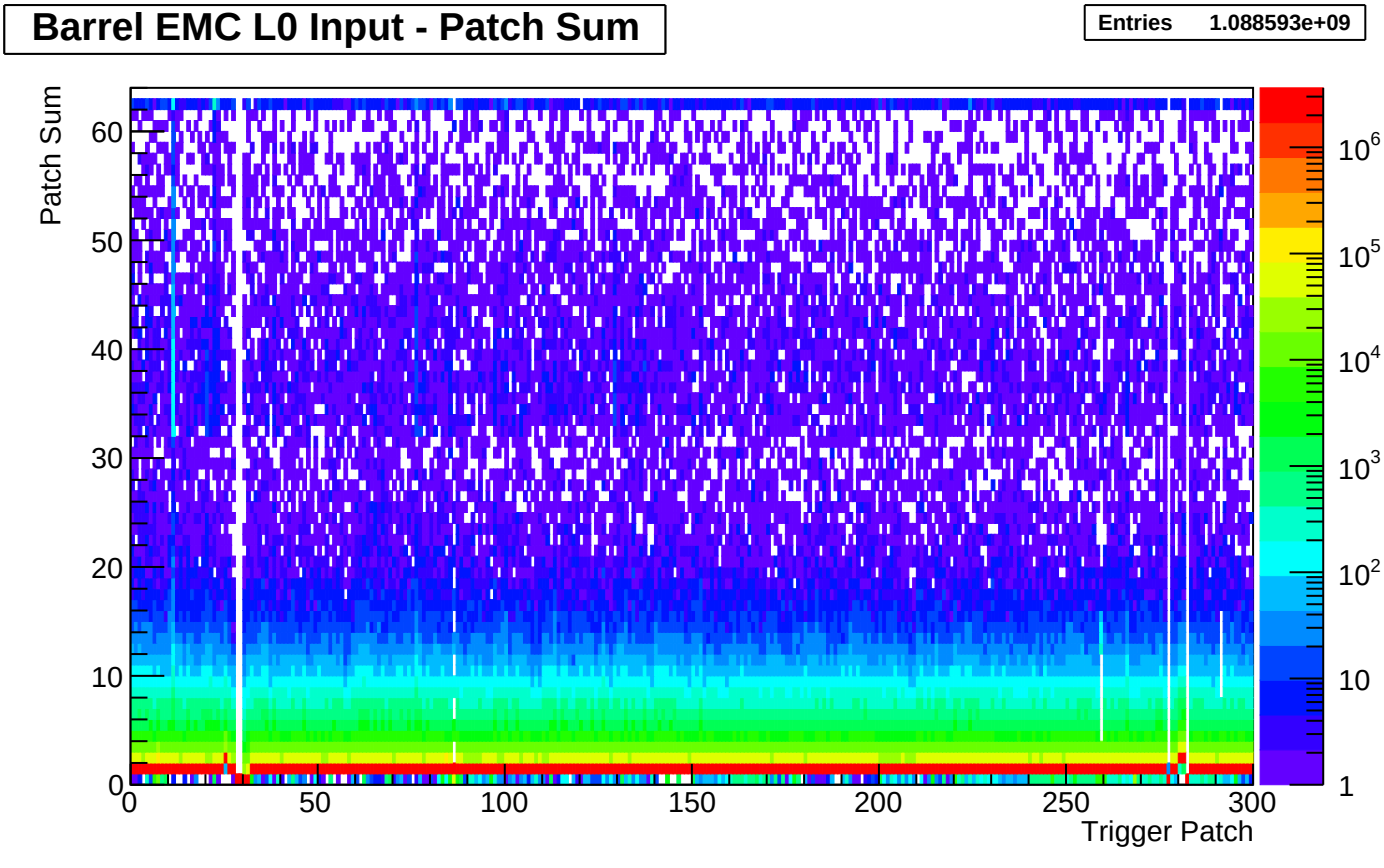
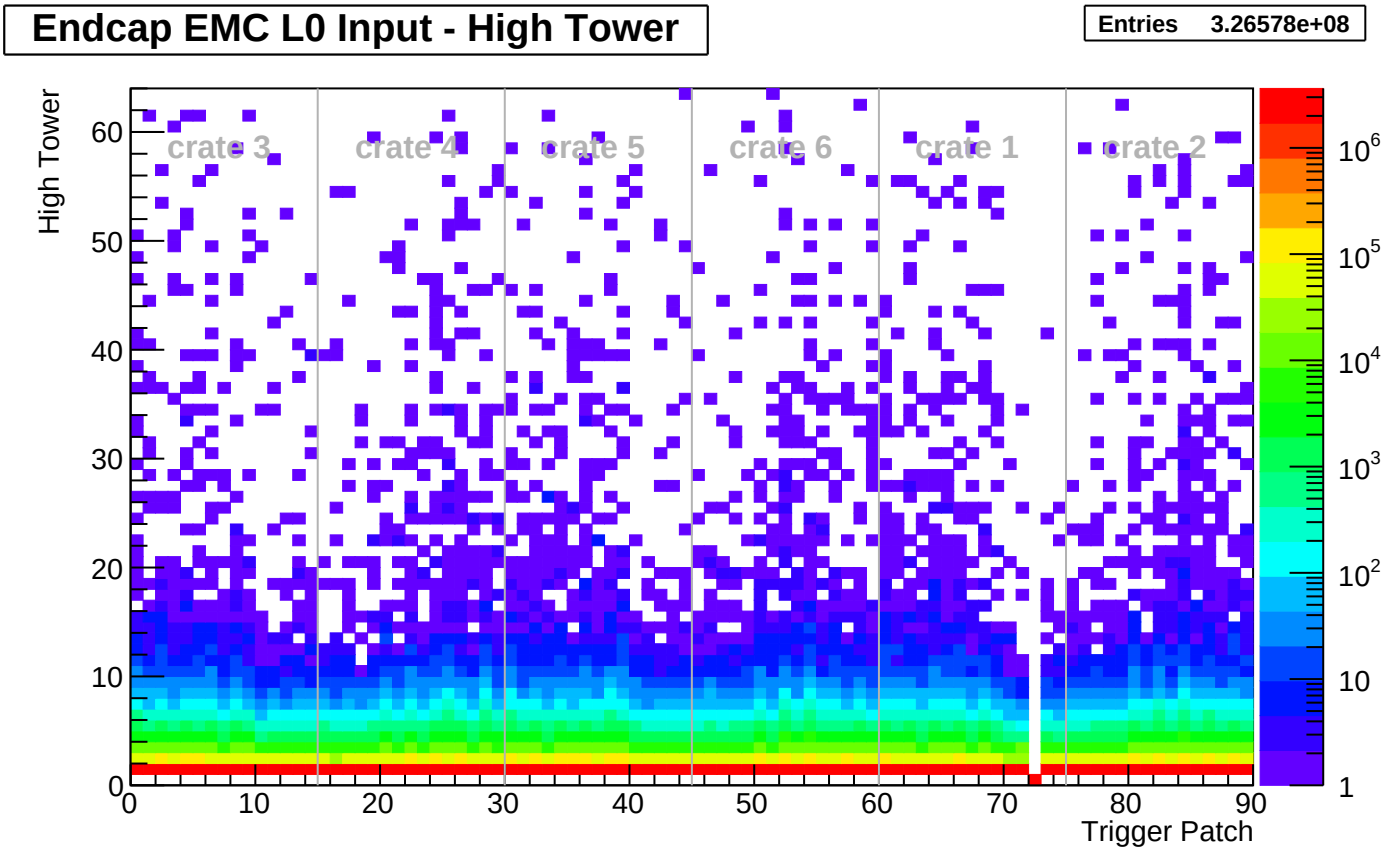
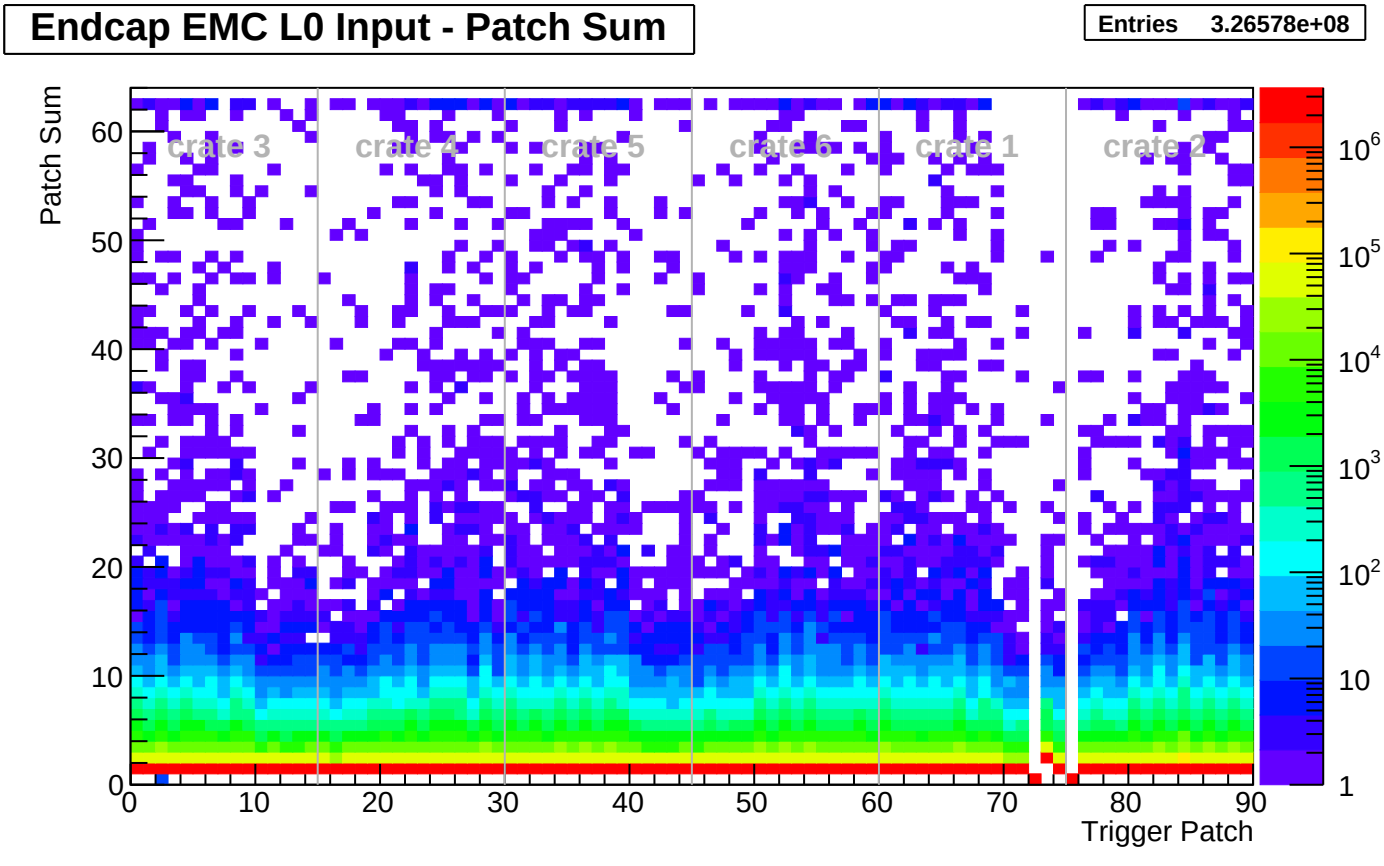
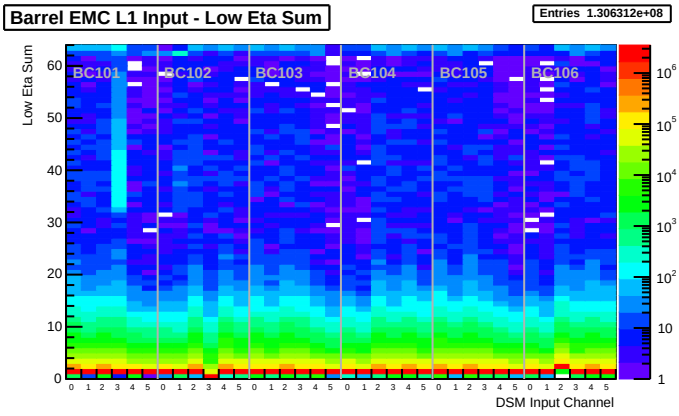
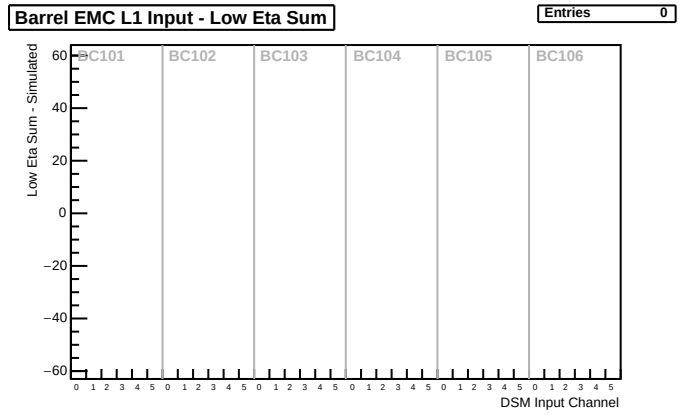

Barrel EMC L0 Input - High Tower
Entries 1.088593e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

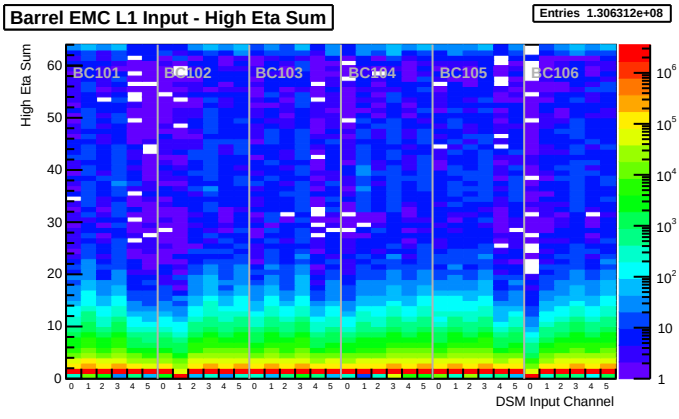

Barrel EMC L0 Input - Patch Sum
Entries 1.088593e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

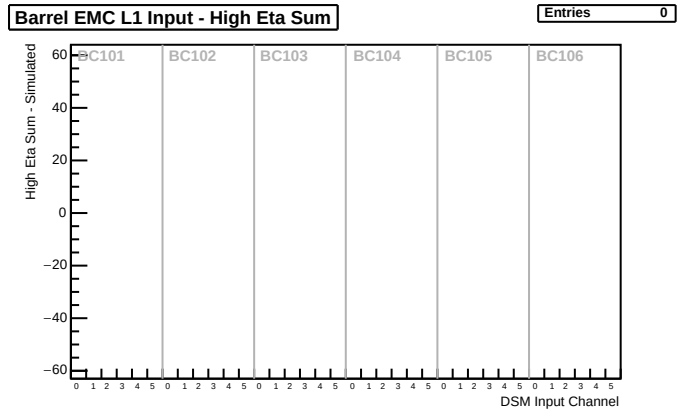

Endcap EMC L0 Input - High Tower
Entries 3.26578e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

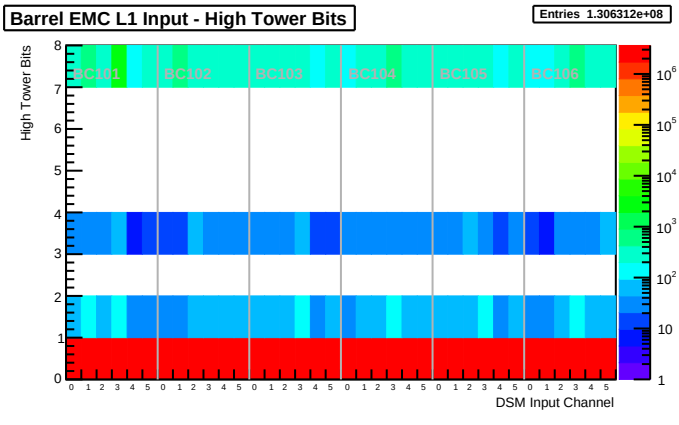

Endcap EMC L0 Input - Patch Sum
Entries 3.26578e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

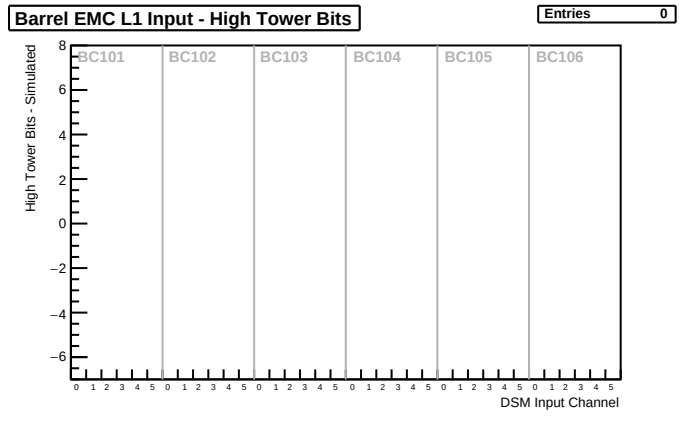

Barrel EMC L1 Input - Low Eta Sum
Entries 1.306312e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

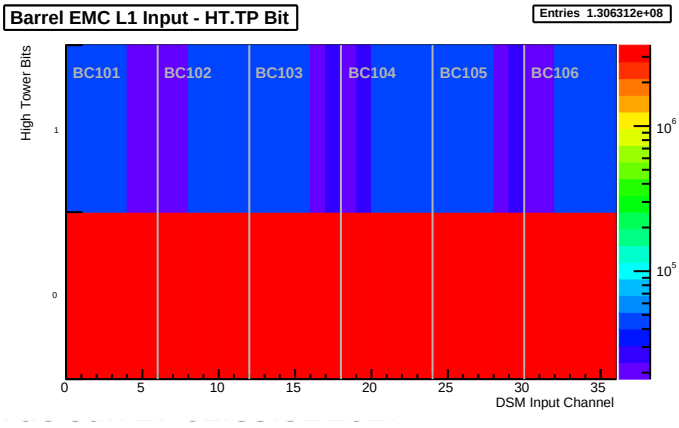

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

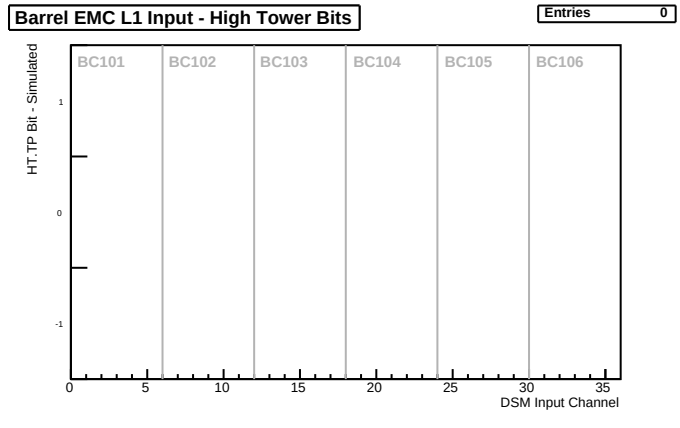

Barrel EMC L1 Input - High Eta Sum
Entries 1.306312e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

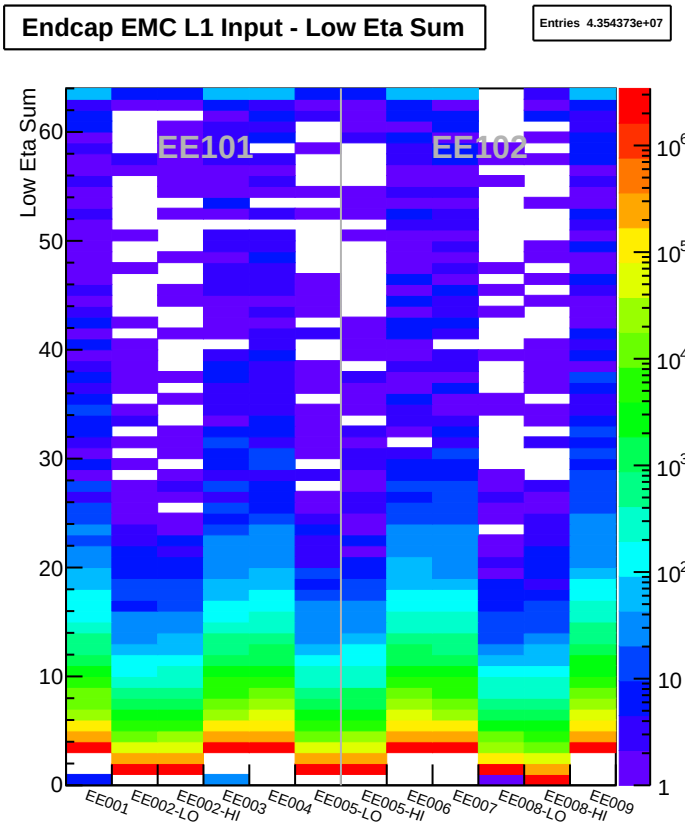

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

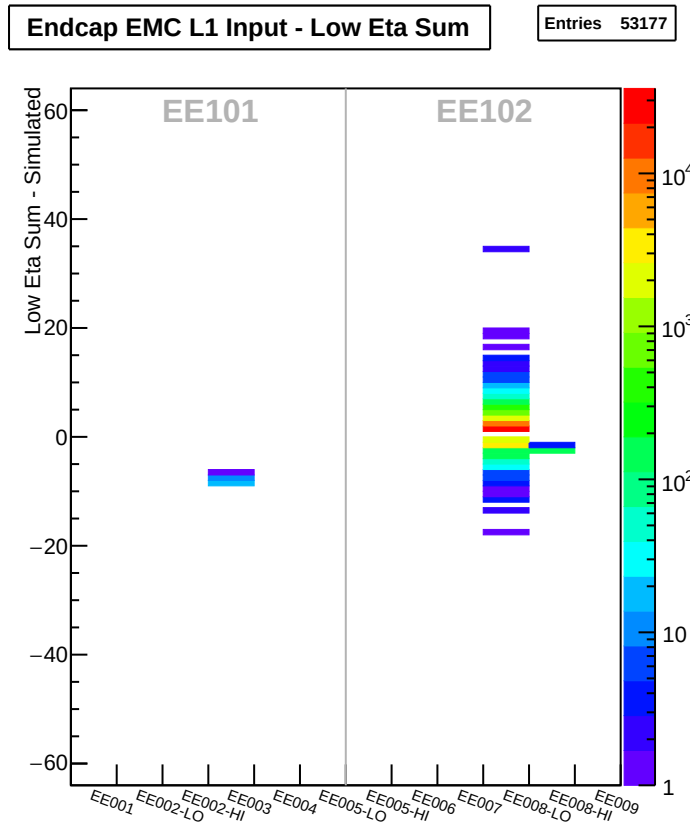

Barrel EMC L1 Input - High Tower Bits
Entries 1.306312e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

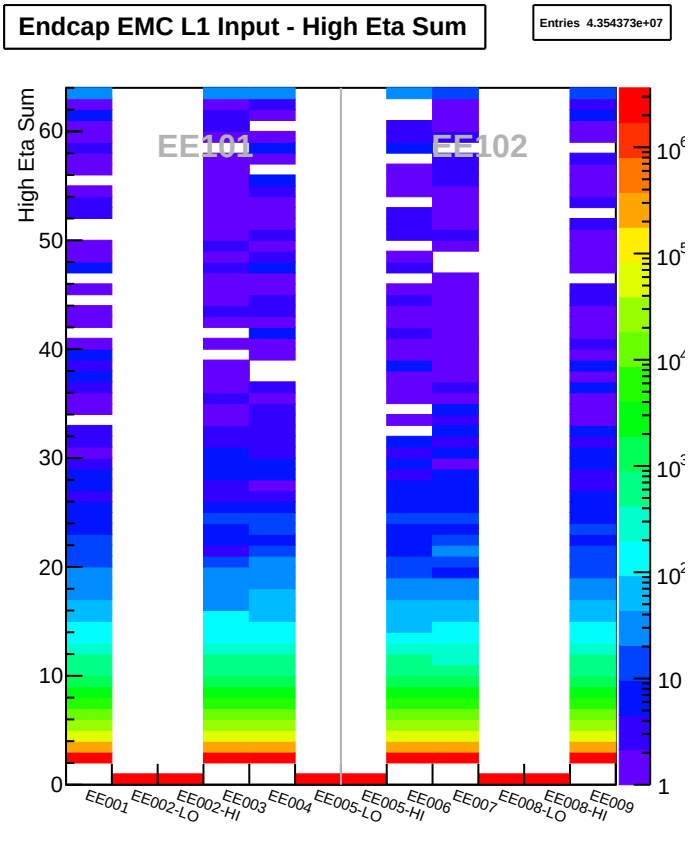

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

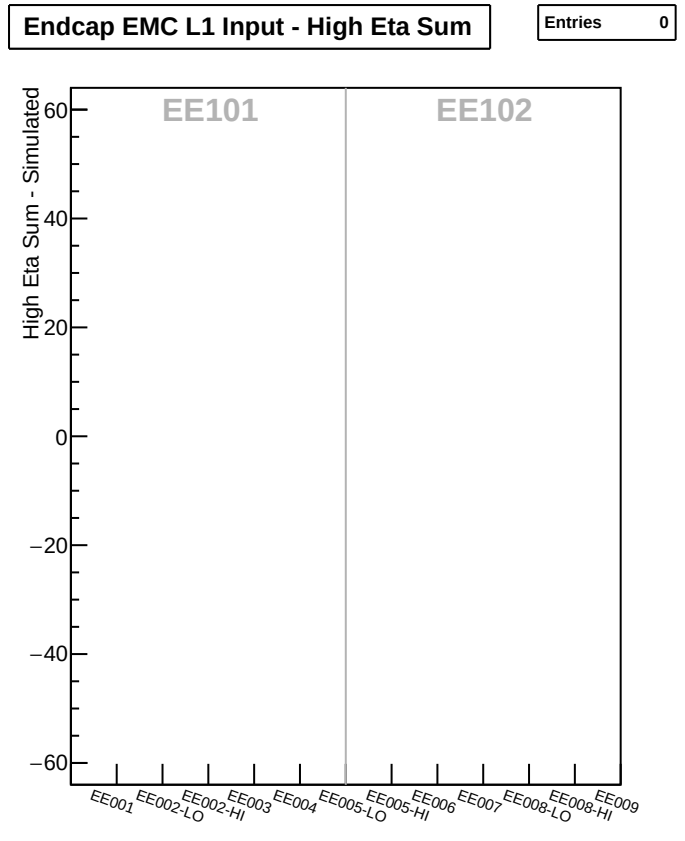

Barrel EMC L1 Input - HT.TP Bit
Entries 1.306312e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 0
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

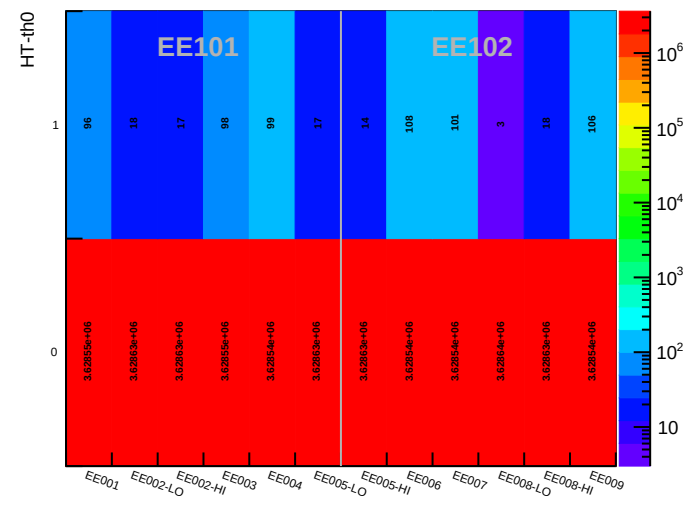

Endcap EMC L1 Input - Low Eta Sum
Entries 4.354373e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 53177
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

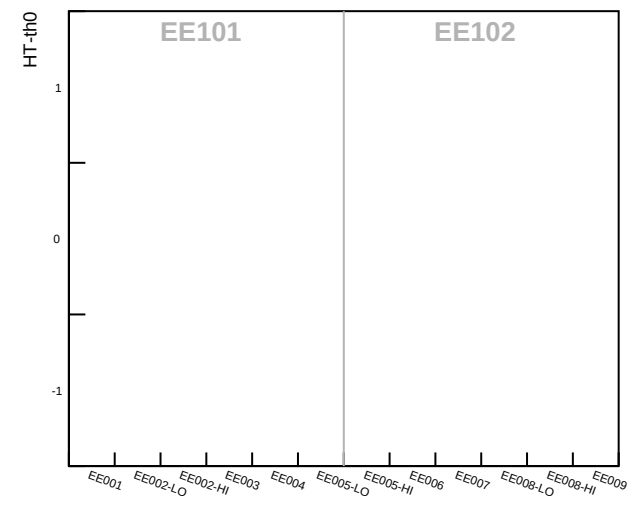

Endcap EMC L1 Input - High Eta Sum
Entries 4.354373e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

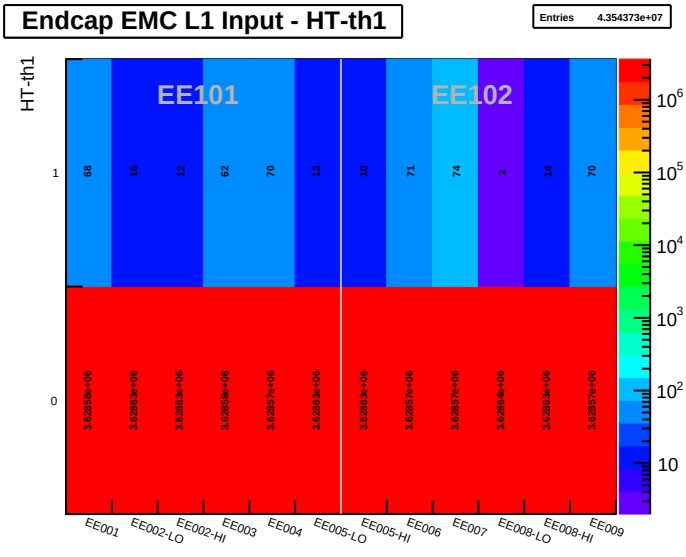
Endcap EMC L1 Input - HT-th0



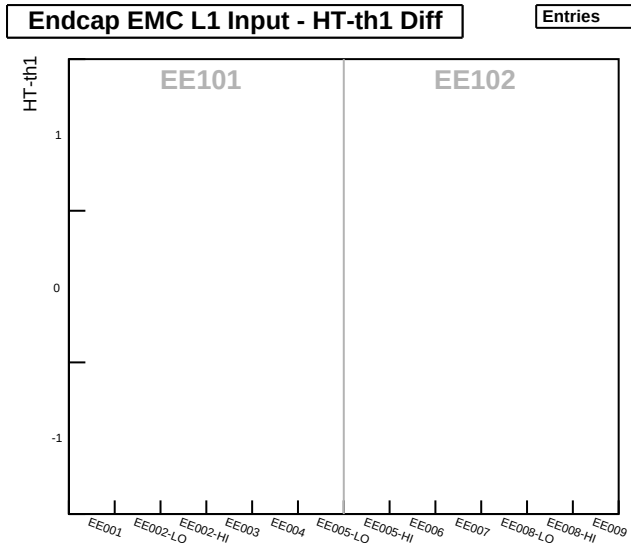
Endcap EMC L1 Input - HT-th0 Diff



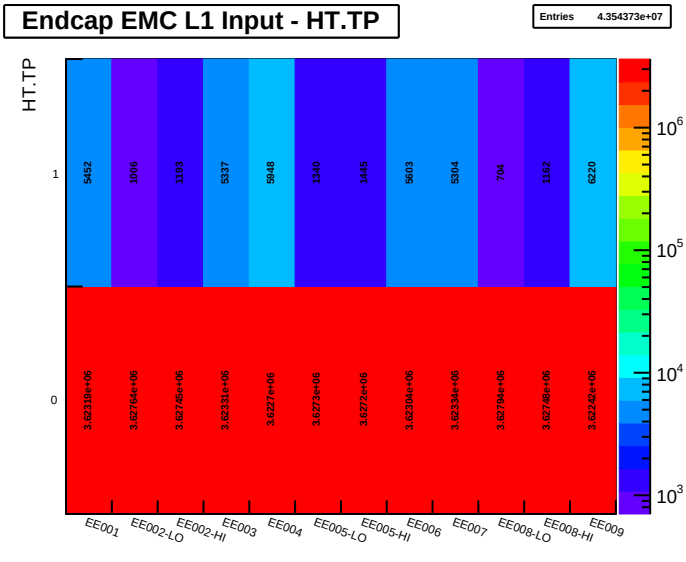
Endcap EMC L1 Input - HT-th1



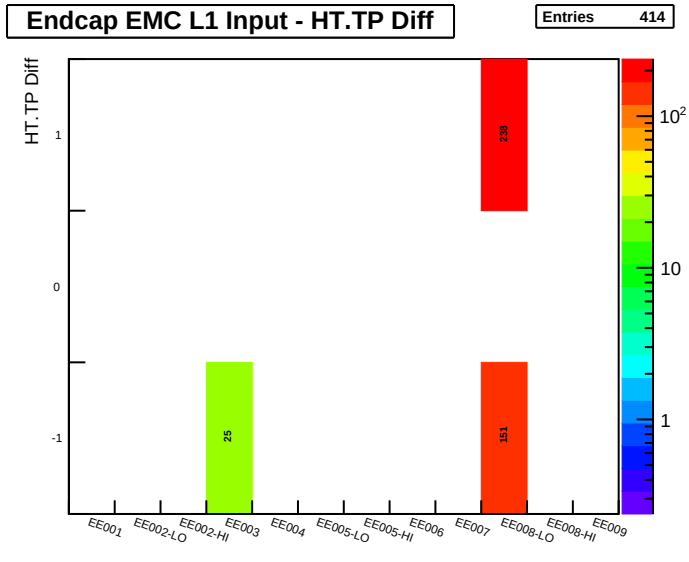
Endcap EMC L1 Input - HT-th1 Diff

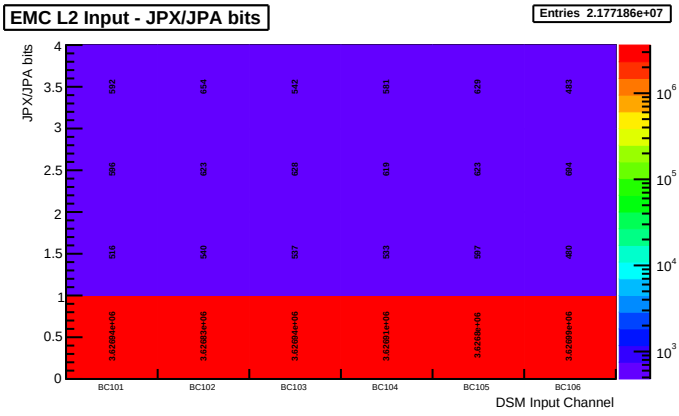


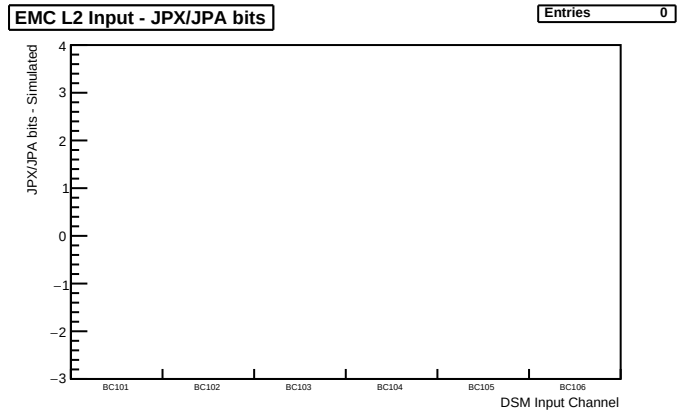
Endcap EMC L1 Input - HT.TP

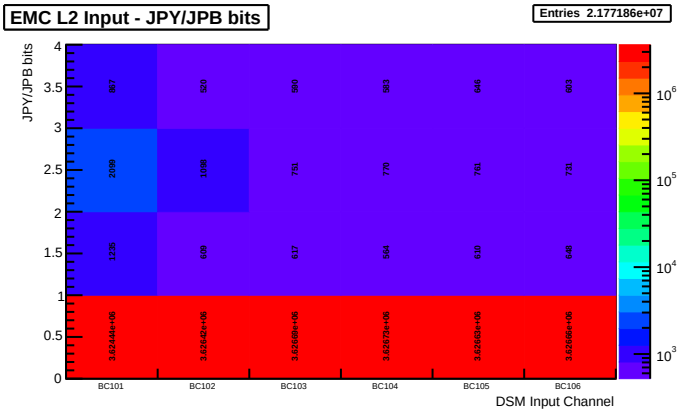


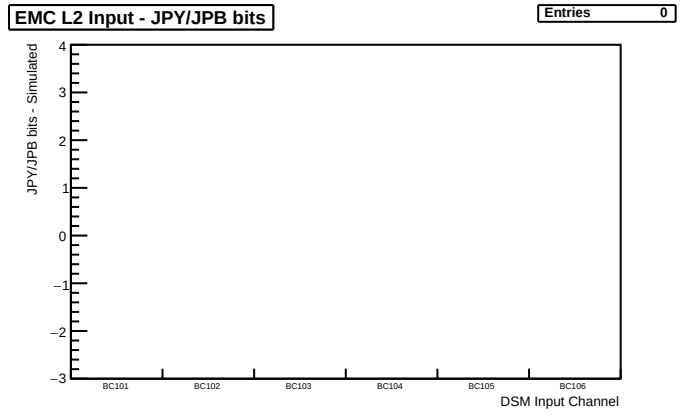
Endcap EMC L1 Input - HT.TP Diff

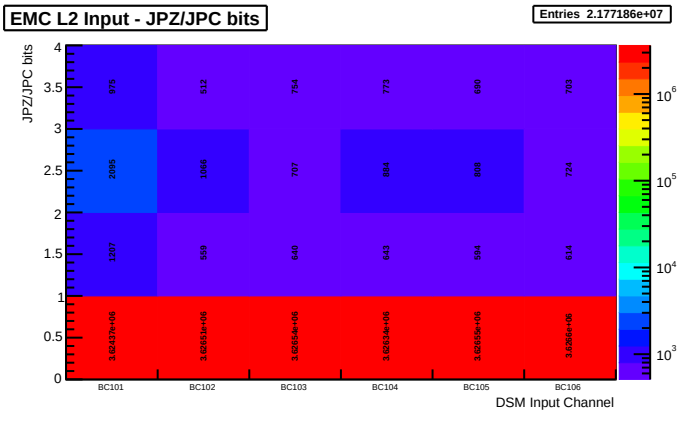


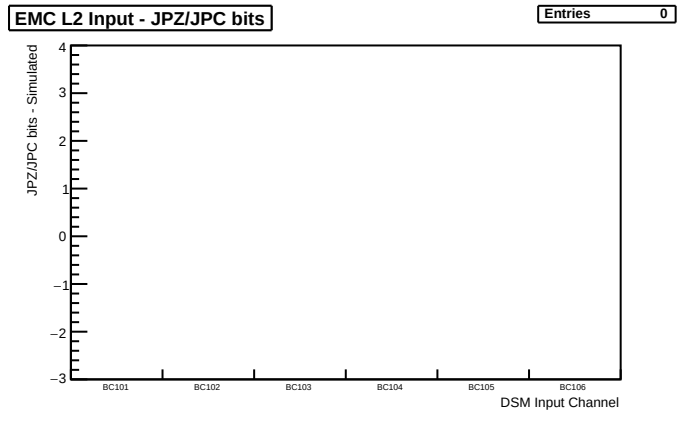

EMC L2 Input - JPX/JPA bits
Entries 2.177186e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

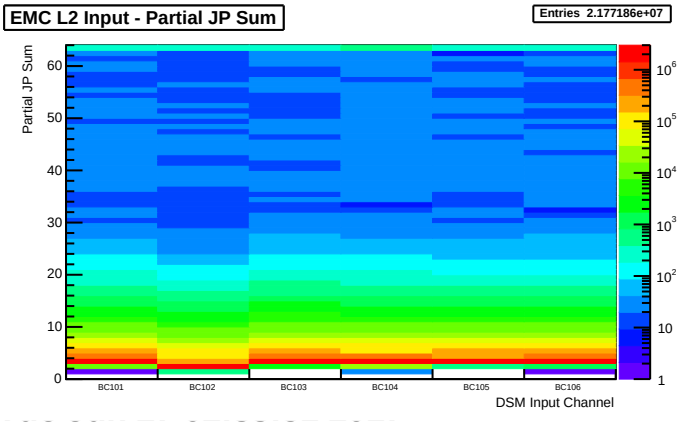

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

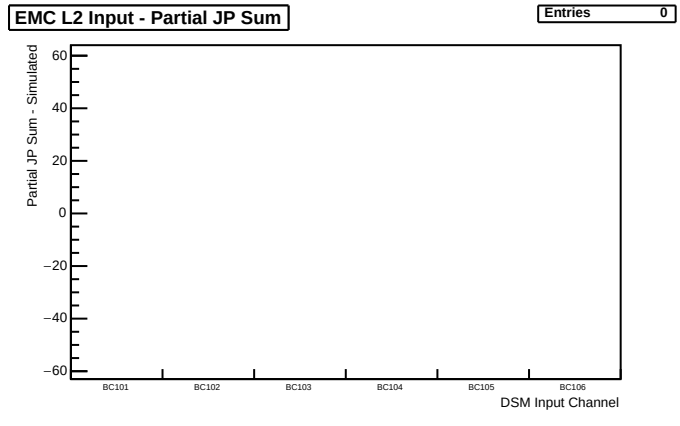

EMC L2 Input - JPY/JPB bits
Entries 2.177186e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

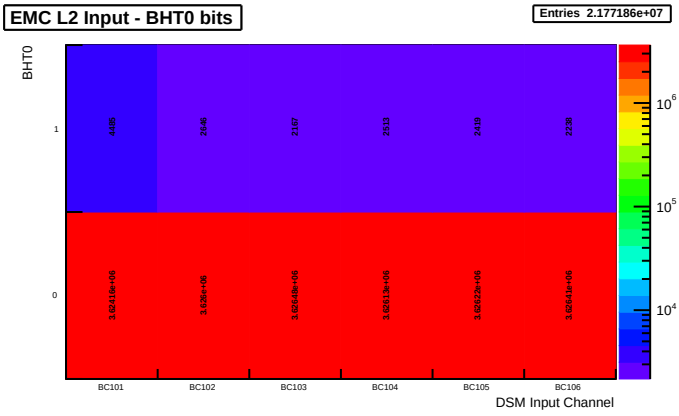

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

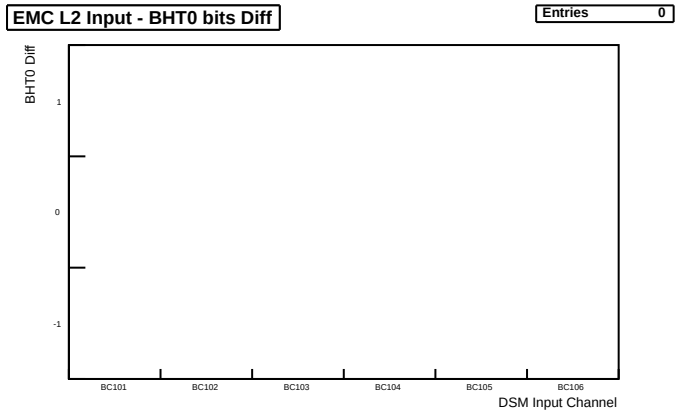

EMC L2 Input - JPZ/JPC bits
Entries 2.177186e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

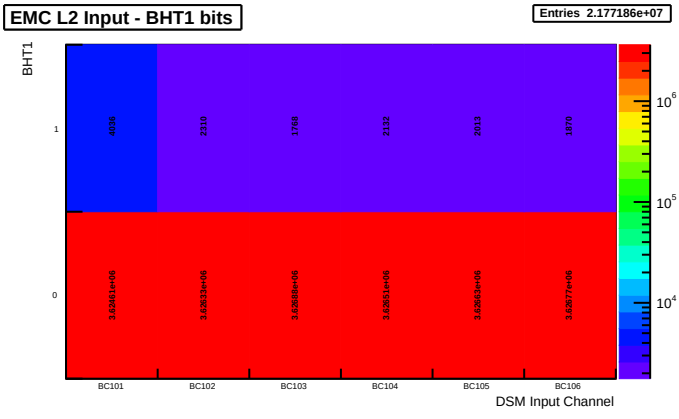

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

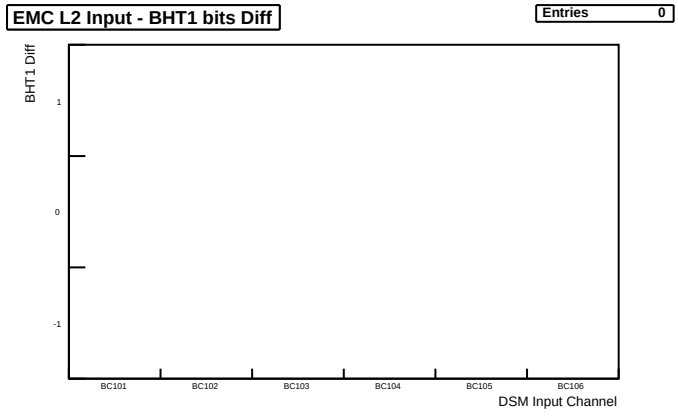

EMC L2 Input - Partial JP Sum
Entries 2.177186e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

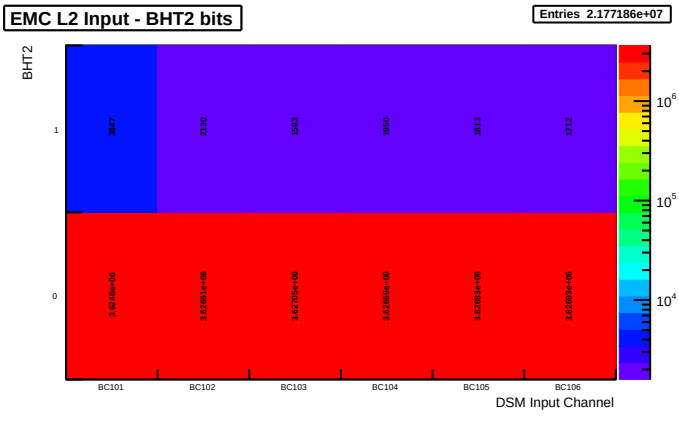

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

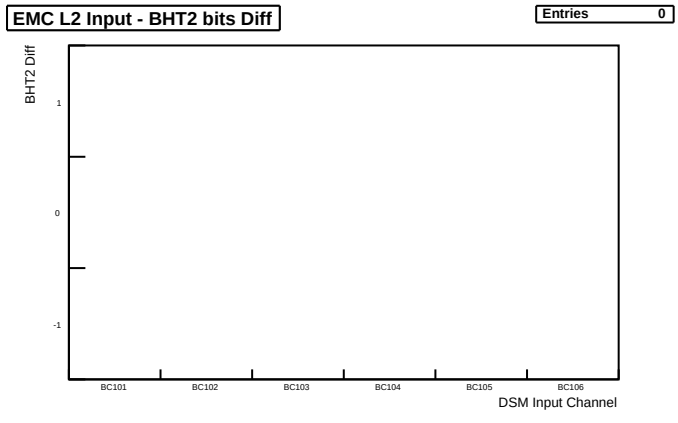

EMC L2 Input - BHT0 bits
Entries 2.177186e+07
BHT0
1
0
4485
2946
2167
2513
2419
2228
3.62419e+06
3.626e+06
3.62649e+06
3.62613e+06
3.62622e+06
3.62641e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

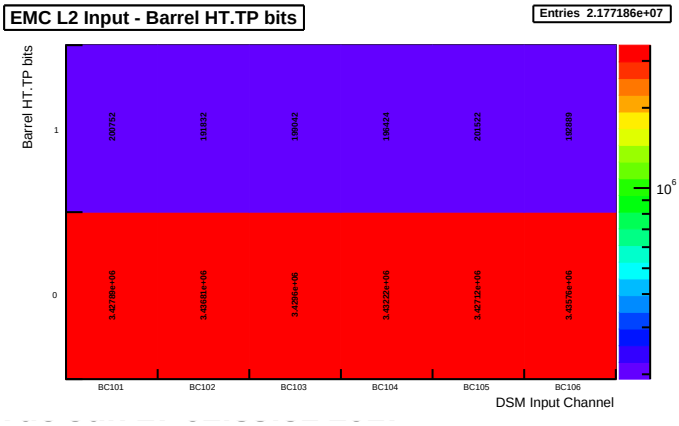

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

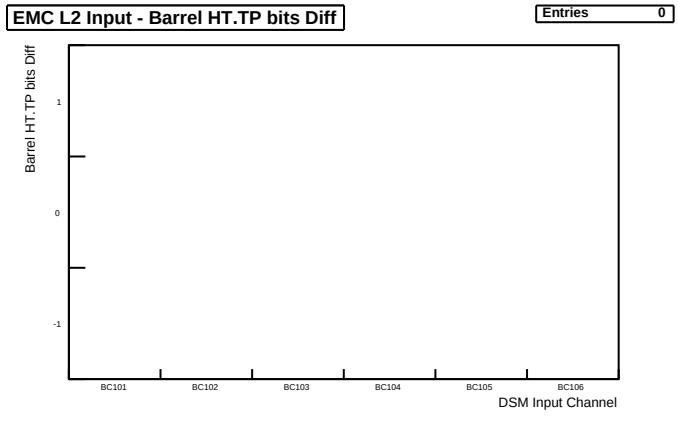

EMC L2 Input - BHT1 bits
Entries 2.177186e+07
BHT1
1
0
4036
2310
1768
2132
2013
1870
3.62461e+06
3.62633e+06
3.62588e+06
3.62651e+06
3.62563e+06
3.62677e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

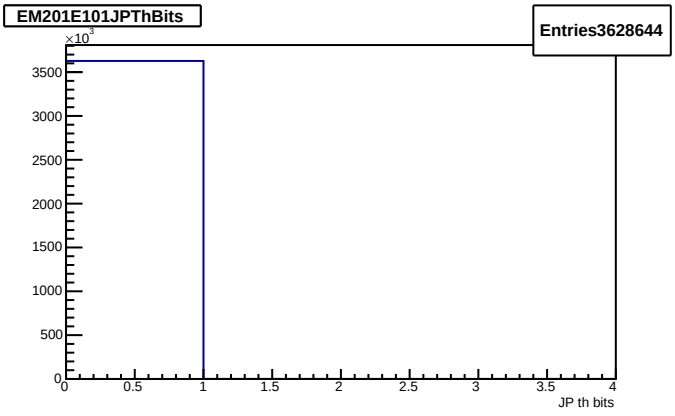

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

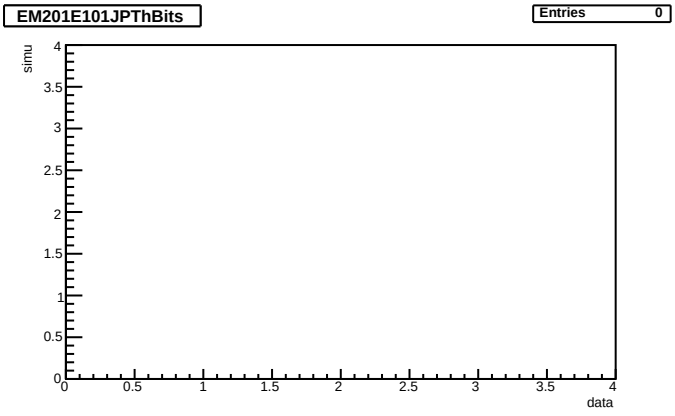

EMC L2 Input - BHT2 bits
Entries 2.177186e+07
BHT2
1
0
3647
2130
1593
1950
1613
1712
3.6248e+06
3.62651e+06
3.62705e+06
3.62659e+06
3.62683e+06
3.62683e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

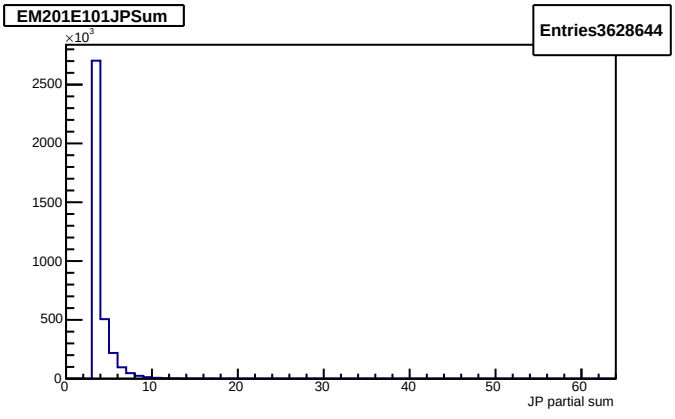

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

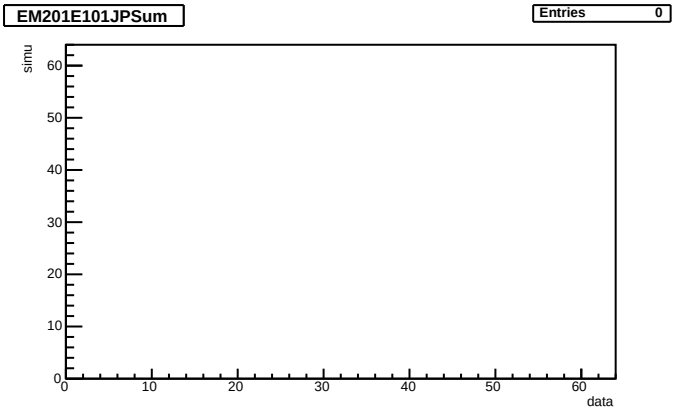

EMC L2 Input - Barrel HT.TP bits
Entries 2.177186e+07
Barrel HT.TP bits
1
0
200752
191832
198042
199424
201522
192889
3.42789e+06
3.43681e+06
3.42986e+06
3.43222e+06
3.42712e+06
3.43576e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

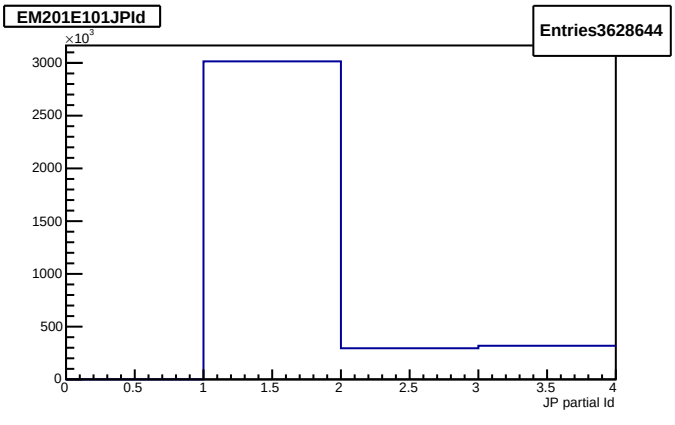

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

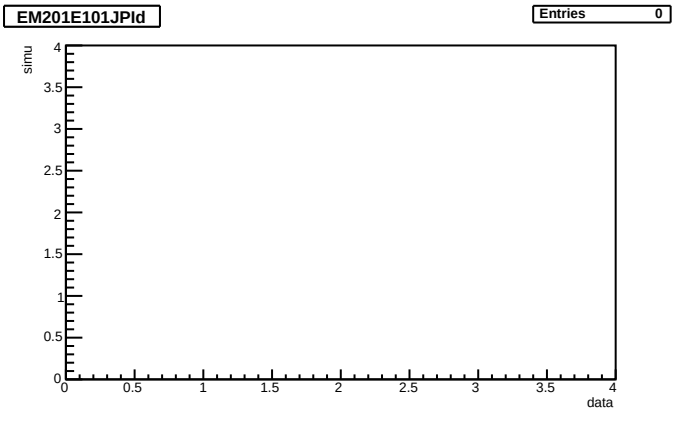

EM201E101JPThBits
Entries3628644
×10^3
JP th bits

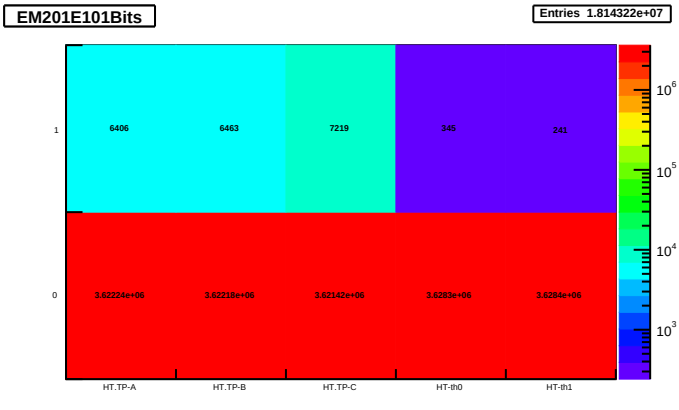

EM201E101JPThBits
Entries 0
simu
data

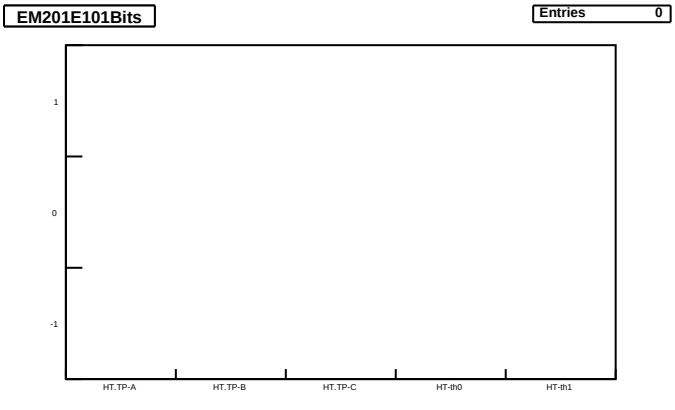

EM201E101JPSum
Entries3628644
×10^3
JP partial sum

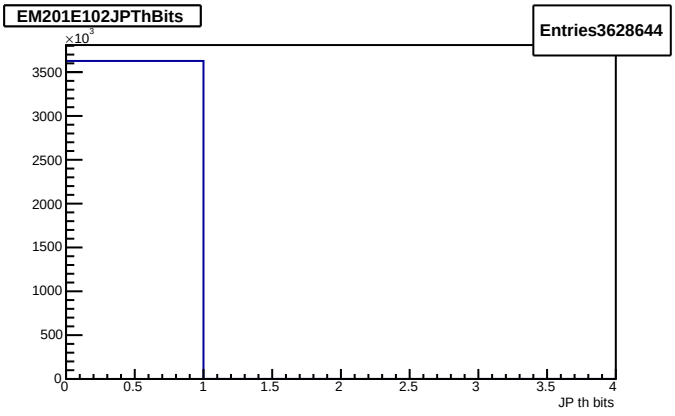

EM201E101JPSum
Entries 0
simu
data

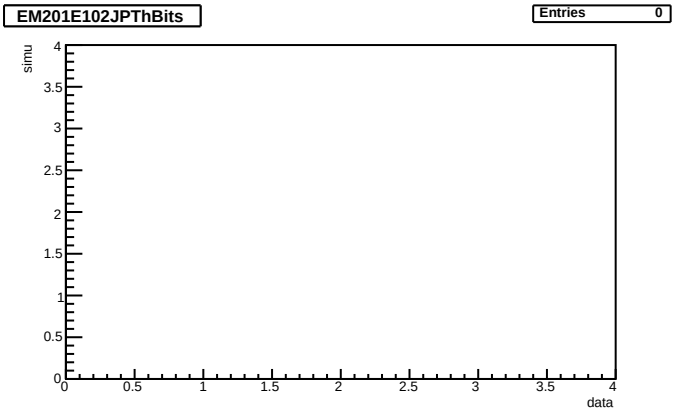

EM201E101JPId
Entries3628644
×10^3
JP partial Id

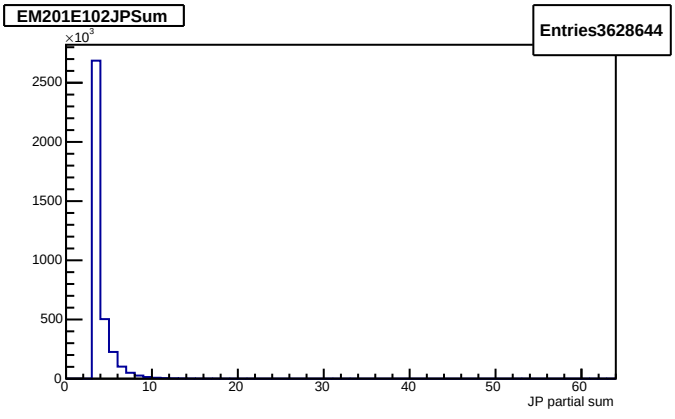

EM201E101JPId
Entries 0
simu
data

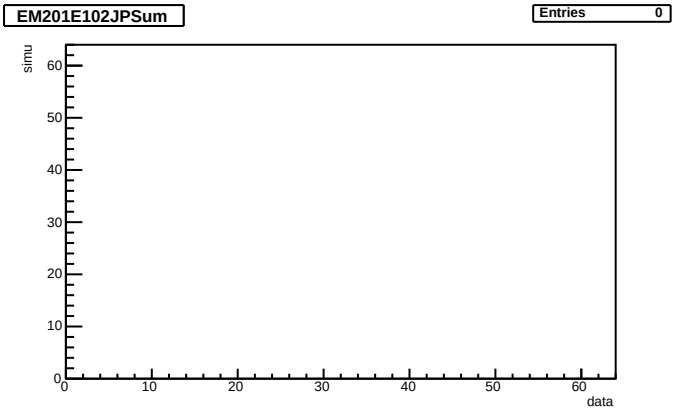

EM201E101Bits
Entries 1.814322e+07
6406
6463
7219
345
241
3.62224e+06
3.62218e+06
3.62142e+06
3.6283e+06
3.6284e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

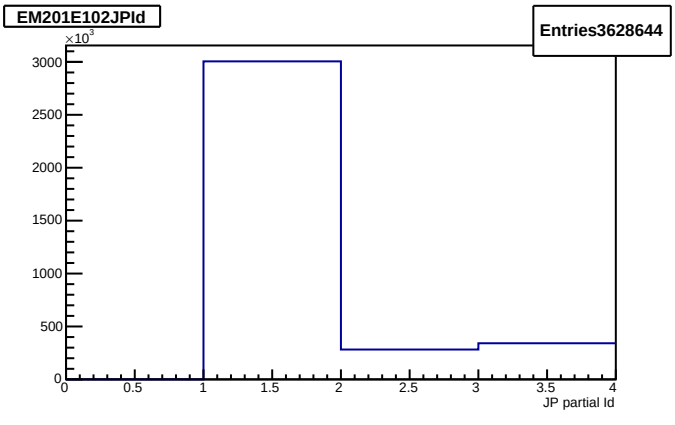

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

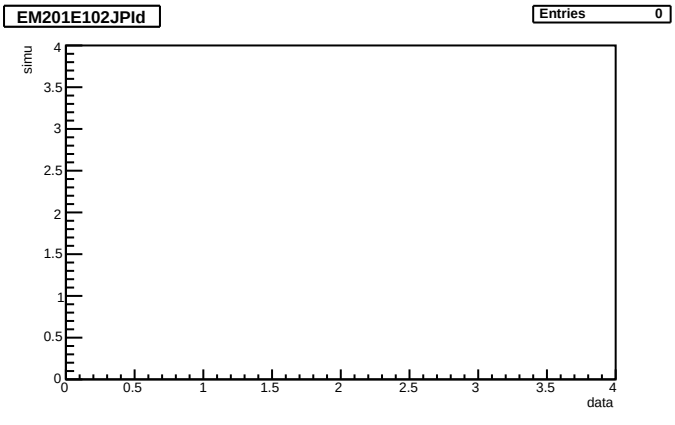

EM201E102JPThBits
Entries3628644
JP th bits

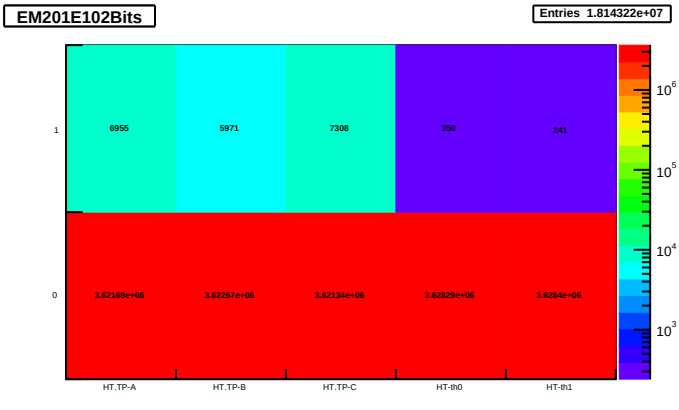

EM201E102JPThBits
Entries 0
simu
data

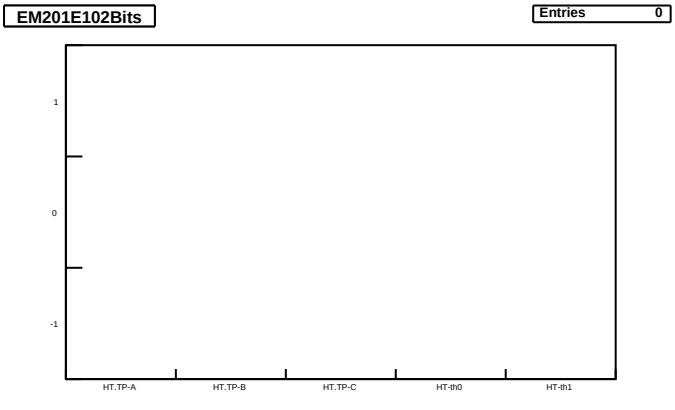

EM201E102JPSum
Entries3628644
JP partial sum

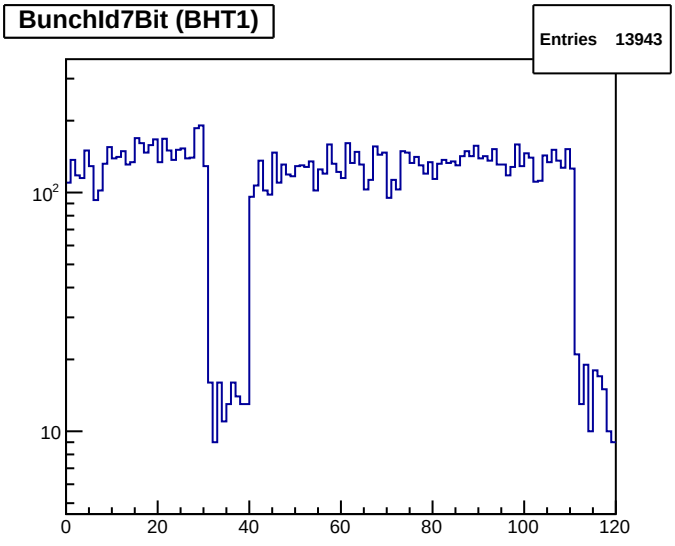

EM201E102JPSum
Entries 0
simu
data

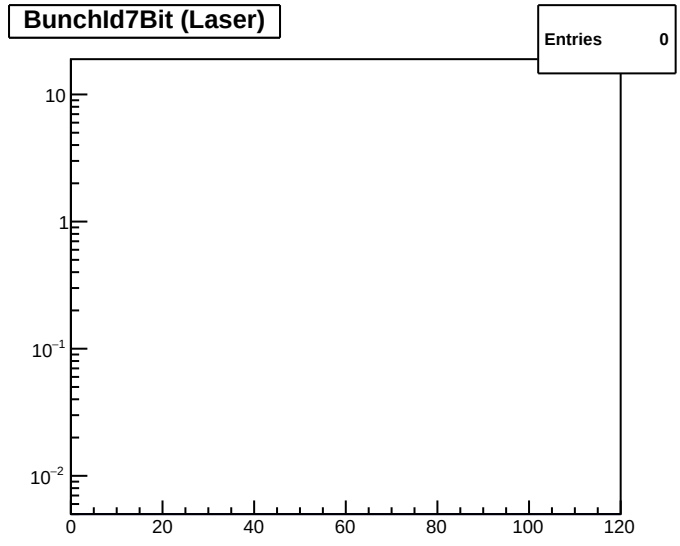

EM201E102JPId
Entries3628644
JP partial Id

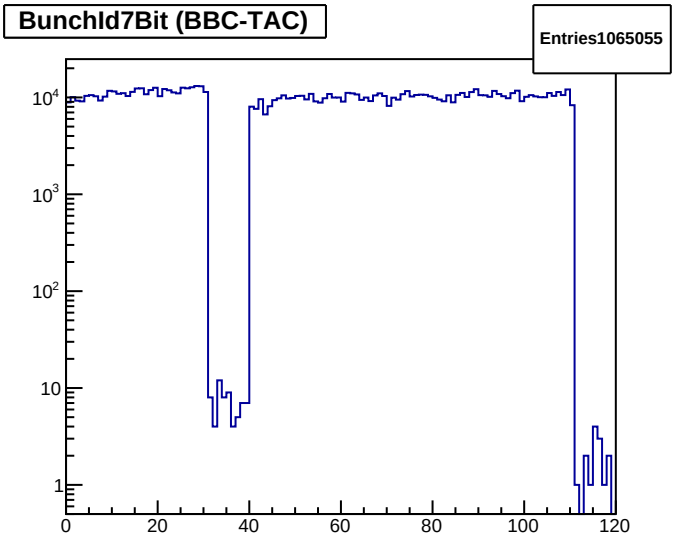

EM201E102JPId
Entries 0
simu
data

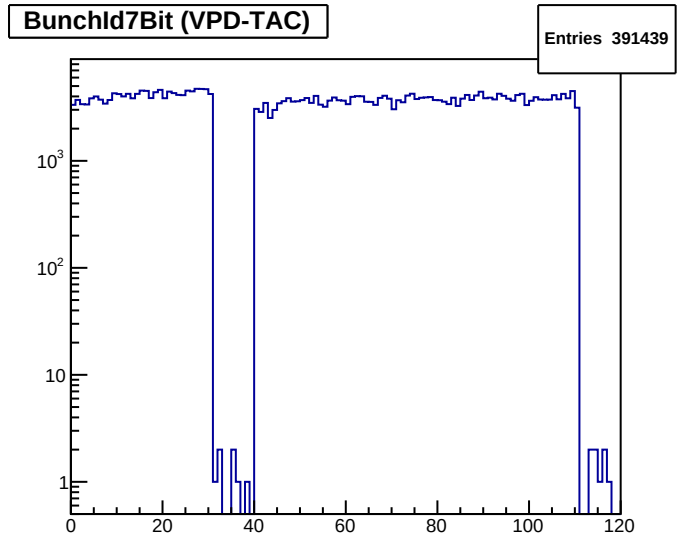

EM201E102Bits
Entries 1.814322e+07
6955
5971
7308
350
241
3.62169e+06
3.62267e+06
3.62134e+06
3.62829e+06
3.6284e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

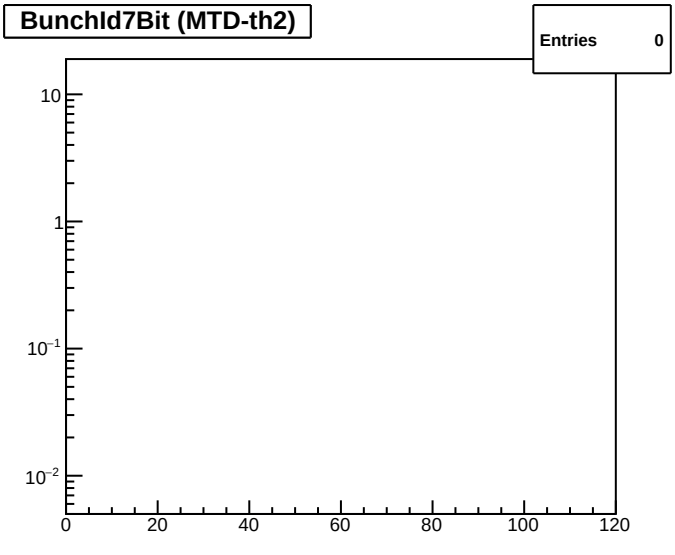

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

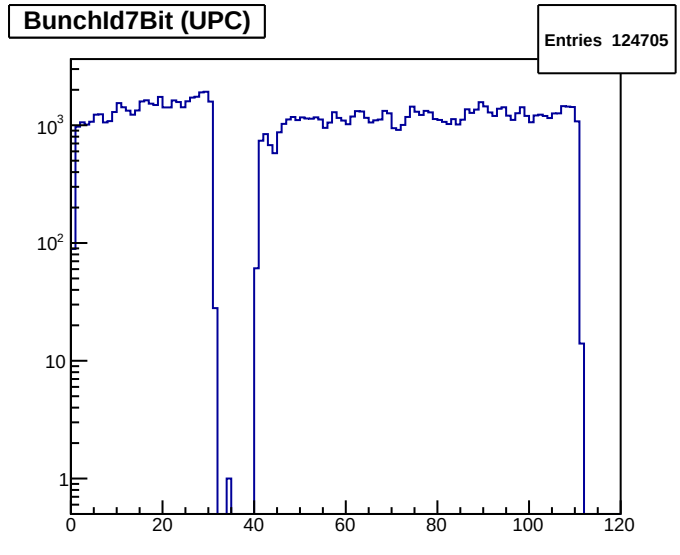

BunchId7Bit (BHT1)
Entries 13943

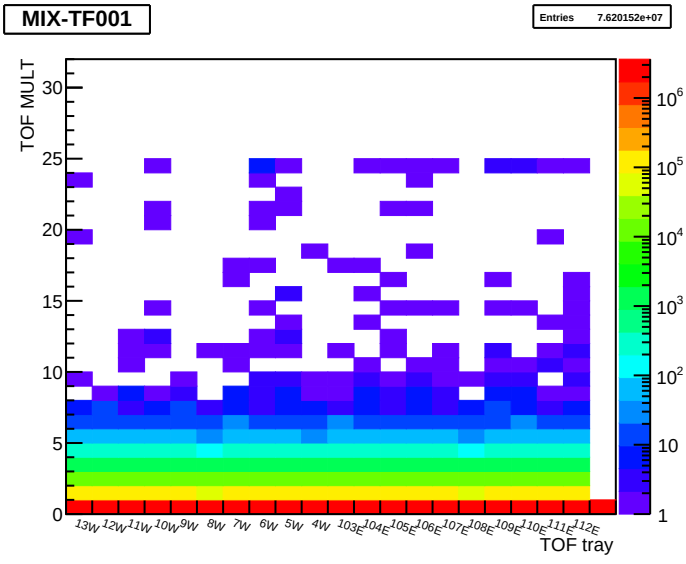

BunchId7Bit (Laser)
Entries 0

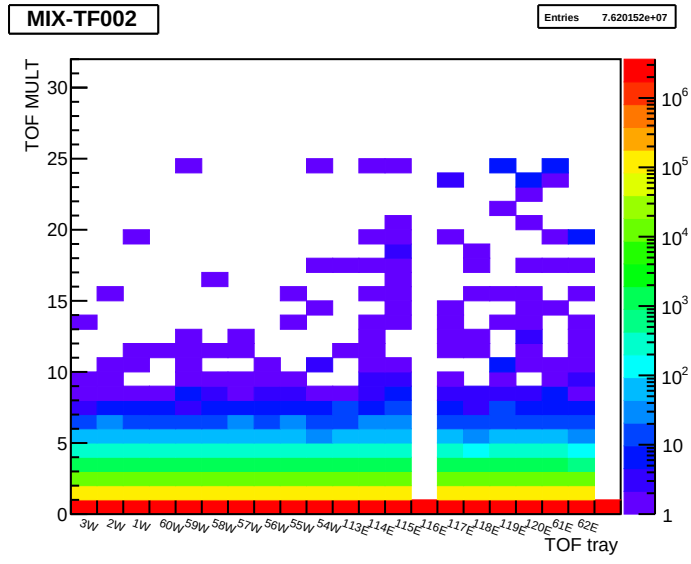

BunchId7Bit (BBC-TAC)
Entries1065055

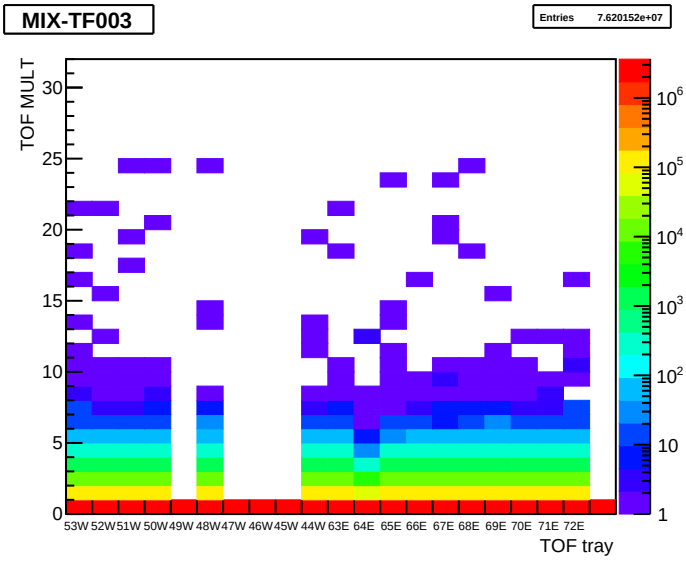

BunchId7Bit (VPD-TAC)
Entries 391439

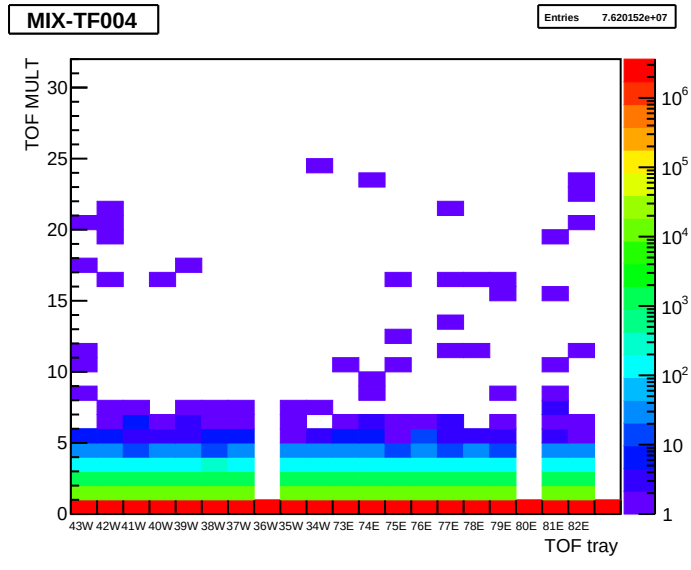

BunchId7Bit (MTD-th2)
Entries 0

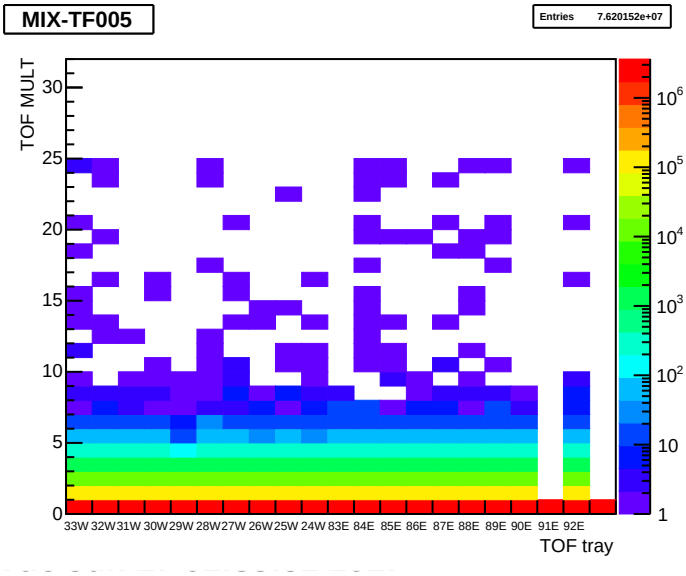

BunchId7Bit (UPC)
Entries 124705

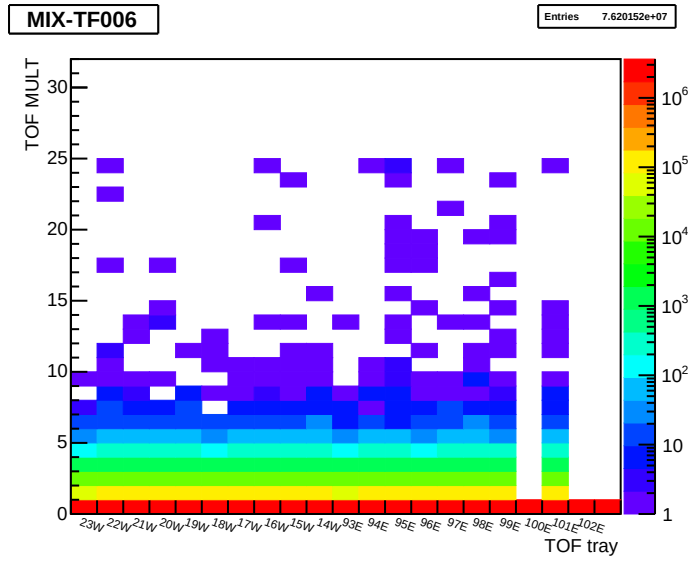

MIX-TF001
Entries 7.620152e+07
TOF MULT
TOF tray

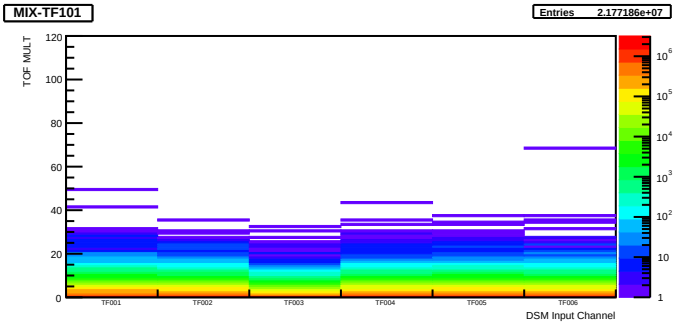

MIX-TF002
Entries 7.620152e+07
TOF MULT
TOF tray

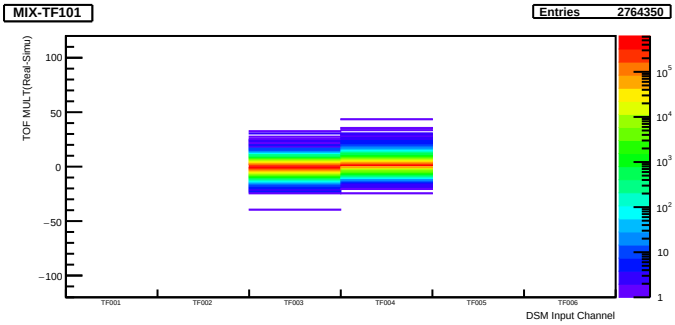

MIX-TF003
Entries 7.620152e+07
TOF MULT
TOF tray

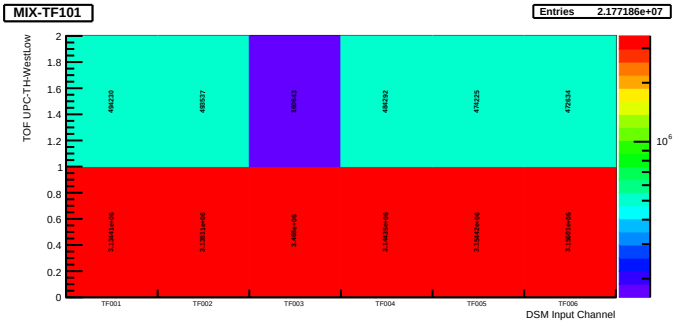

MIX-TF004
Entries 7.620152e+07
TOF MULT
TOF tray

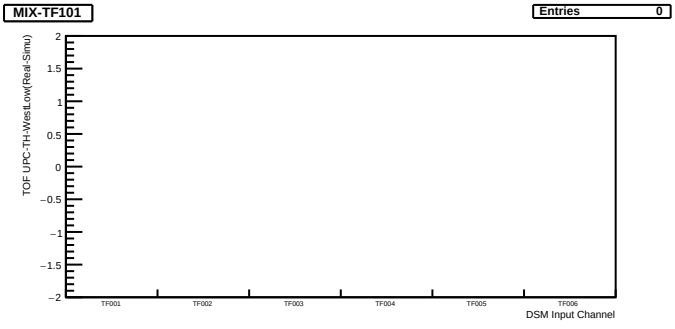

MIX-TF005
Entries 7.620152e+07
TOF MULT
TOF tray

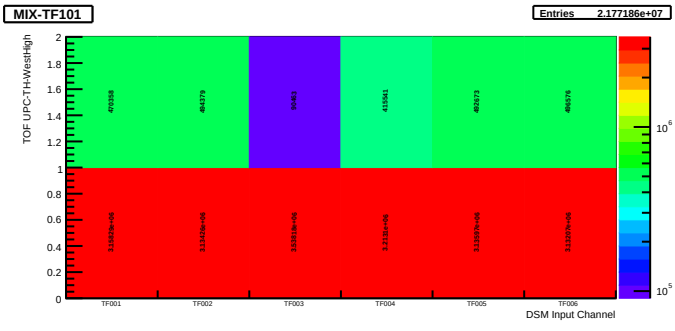

MIX-TF006
Entries 7.620152e+07
TOF MULT
TOF tray

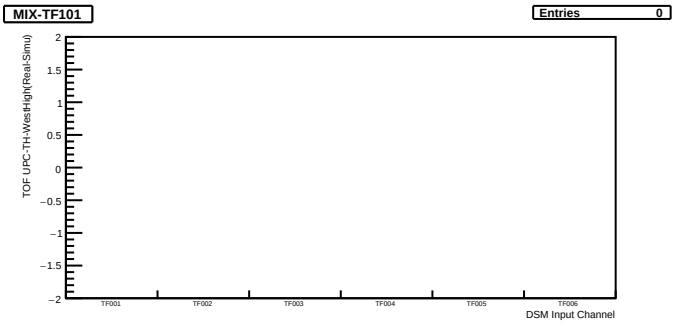

MIX-TF101
Entries 2.177186e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

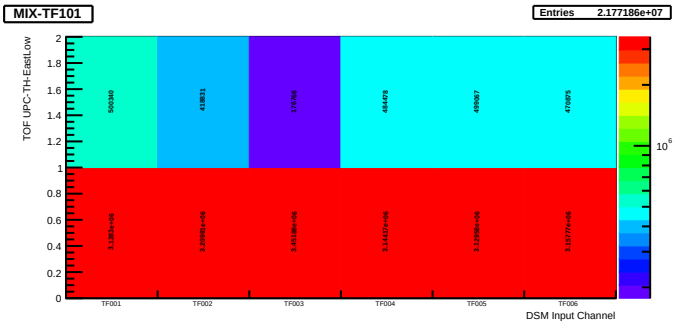

MIX-TF101
Entries 2764350
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

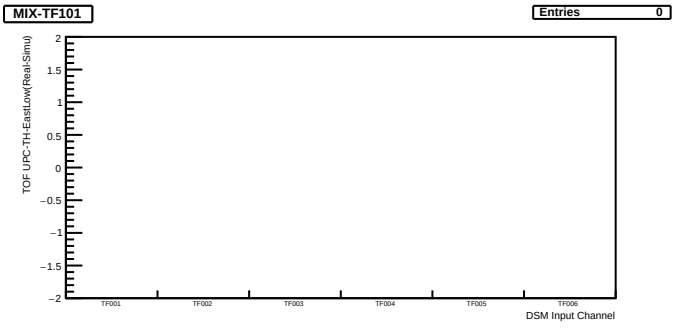

MIX-TF101
Entries 2.177186e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

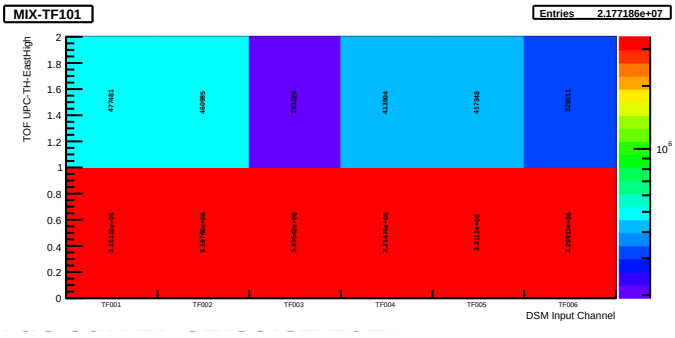

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

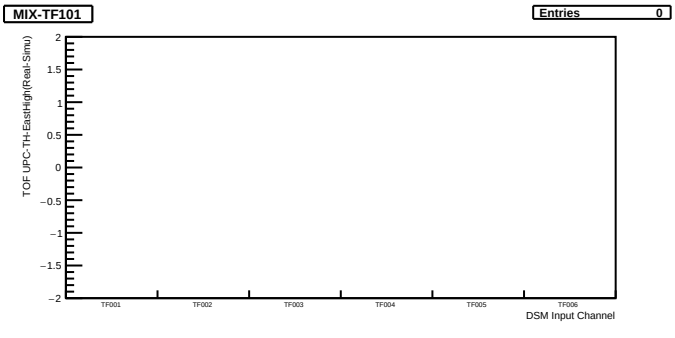

MIX-TF101
Entries 2.177186e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

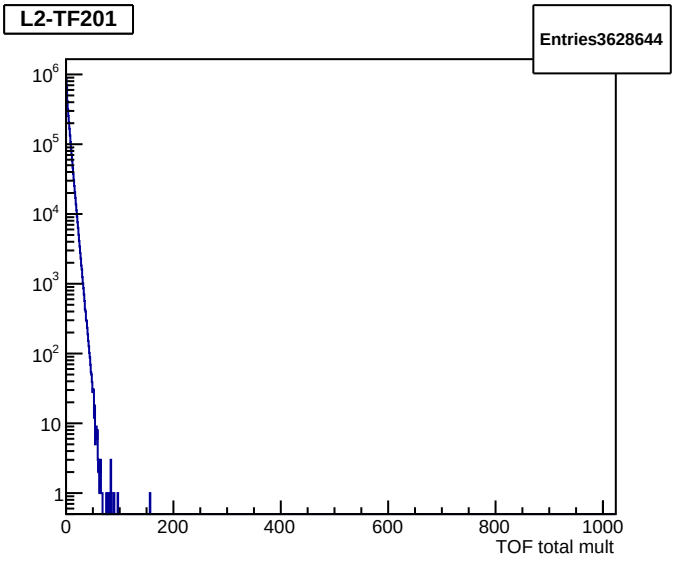

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

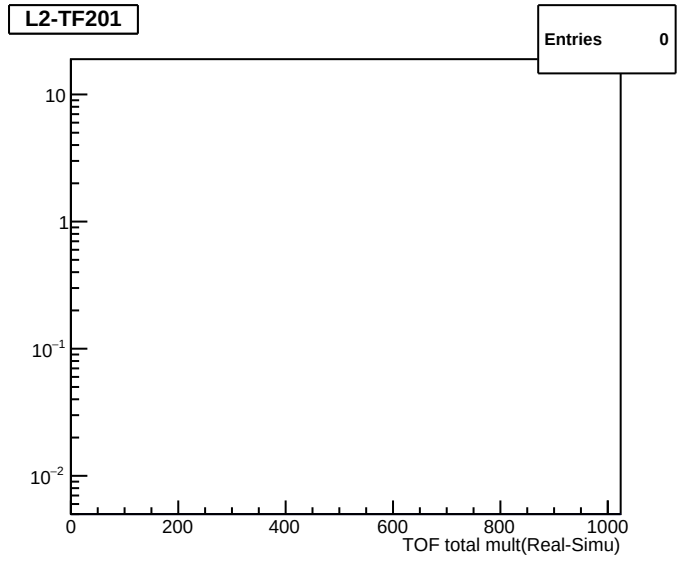

MIX-TF101
Entries 2.177186e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

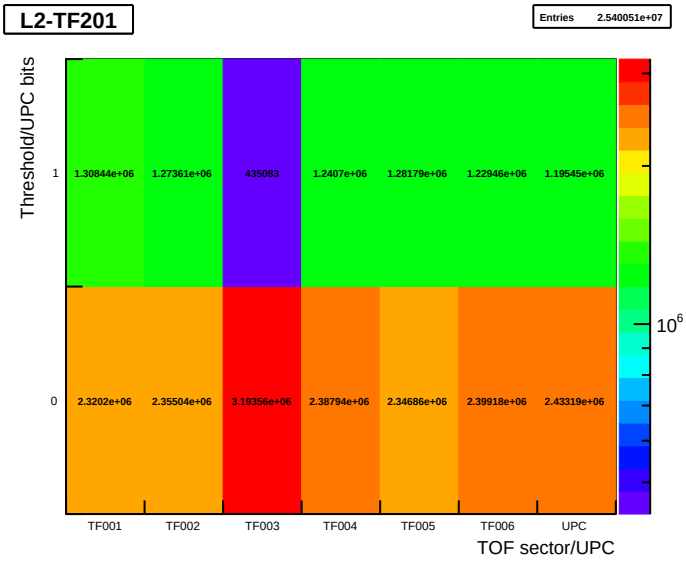

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

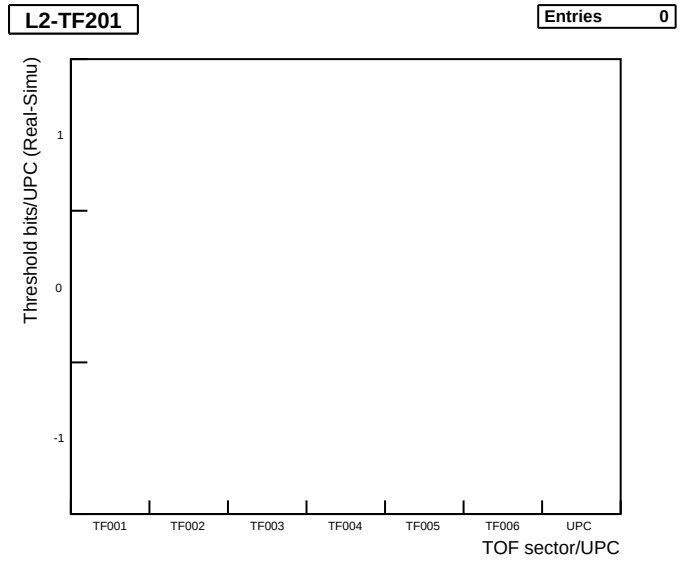

MIX-TF101
Entries 2.177186e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

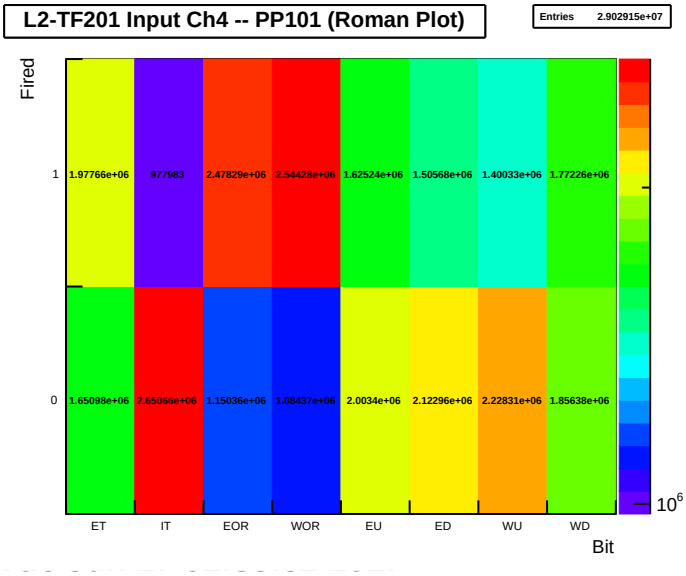

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

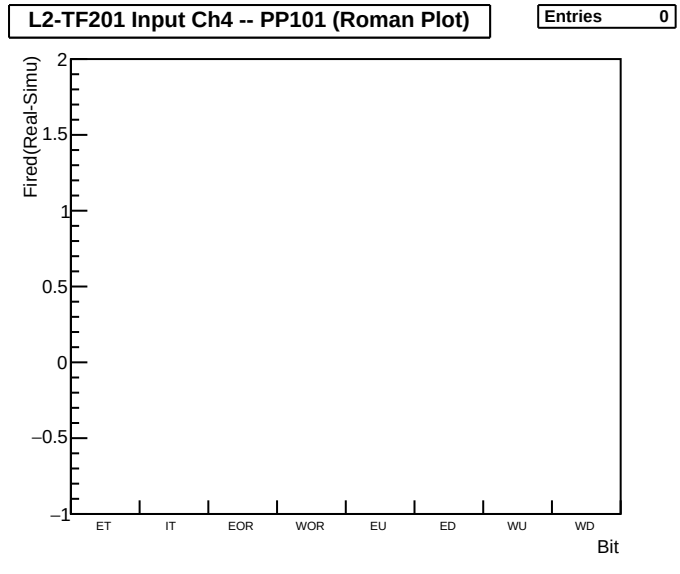

L2-TF201
Entries3628644
TOF total mult

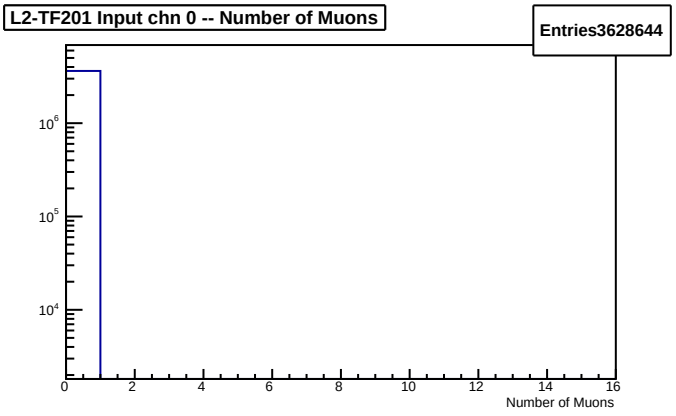

L2-TF201
Entries 0
TOF total mult(Real-Simu)

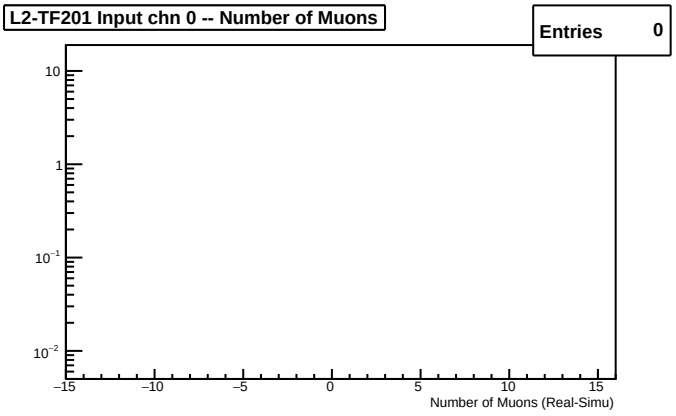

L2-TF201
Entries 2.540051e+07
Threshold/UPC bits
1.30844e+06
1.27361e+06
435083
1.2407e+06
1.28179e+06
1.22946e+06
1.19545e+06
2.3202e+06
2.35504e+06
3.19356e+06
2.38794e+06
2.34686e+06
2.39918e+06
2.43319e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

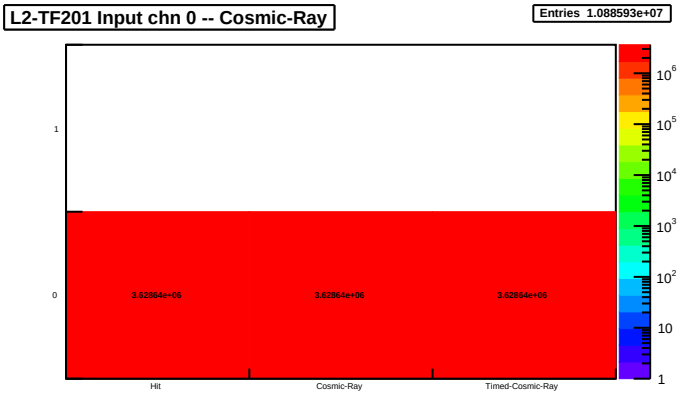

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

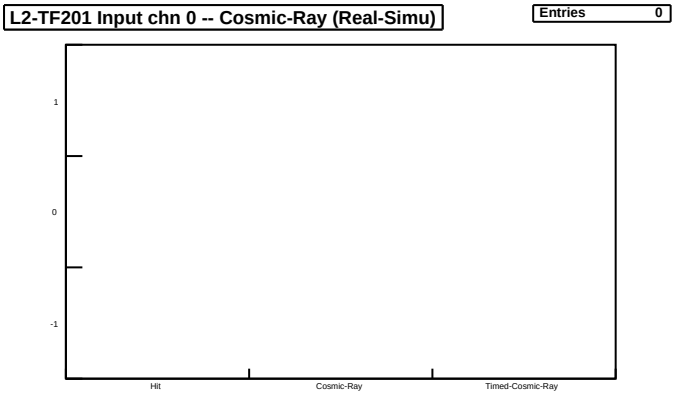

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.902915e+07
Fired
1.97766e+06
977983
2.47829e+06
2.54428e+06
1.62524e+06
1.50568e+06
1.40033e+06
1.77226e+06
1.65098e+06
2.65066e+06
1.15036e+06
1.08437e+06
2.0034e+06
2.12296e+06
2.22831e+06
1.85638e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

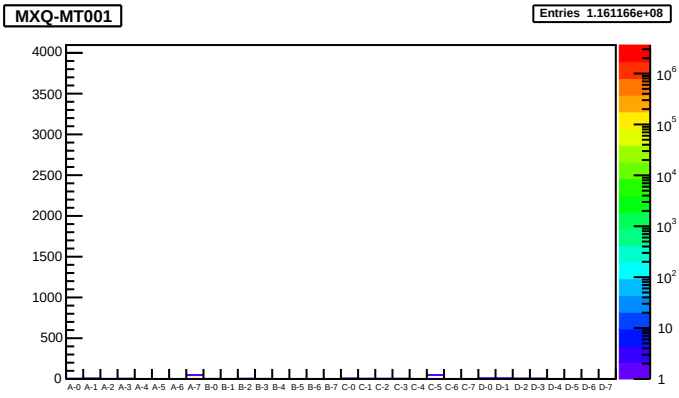

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

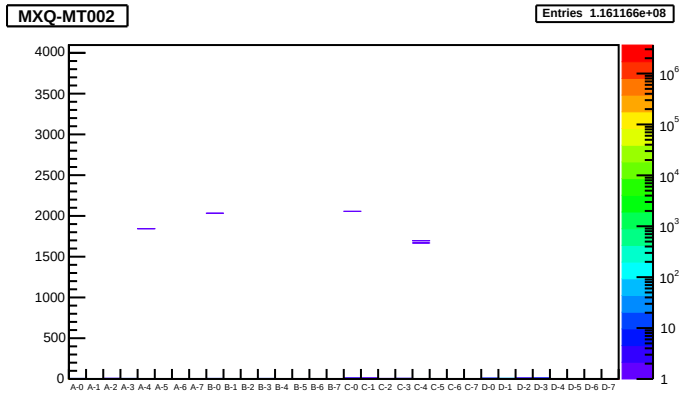

L2-TF201 Input chn 0 -- Number of Muons
Entries3628644
Number of Muons

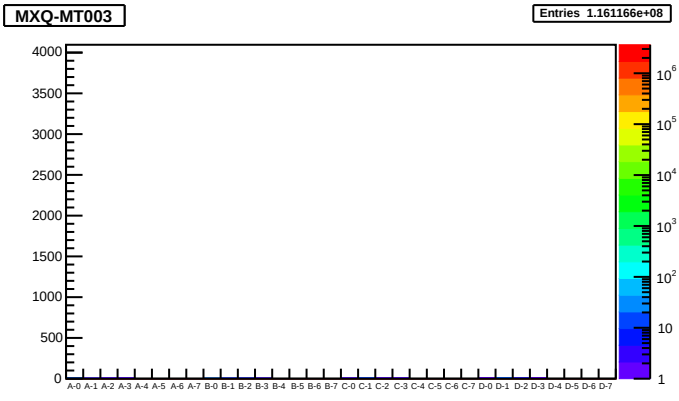

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

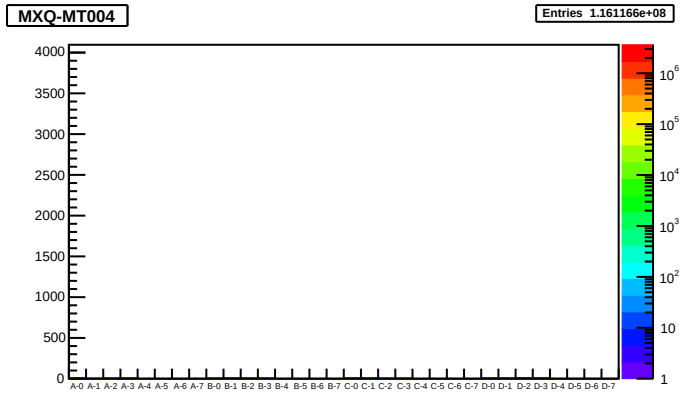

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.088593e+07
3.62864e+06
3.62864e+06
3.62864e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

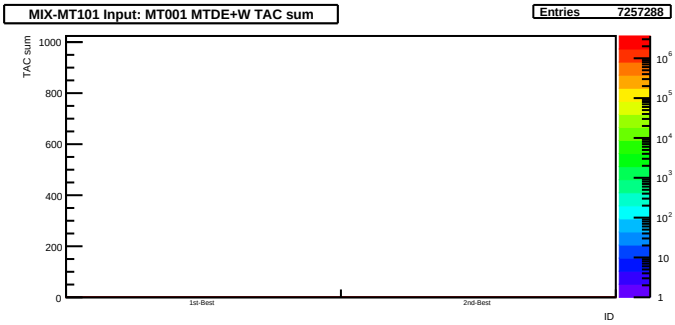

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

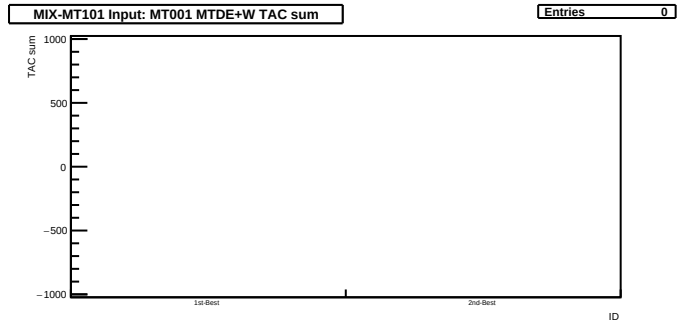

MXQ-MT001
Entries 1.161166e+08

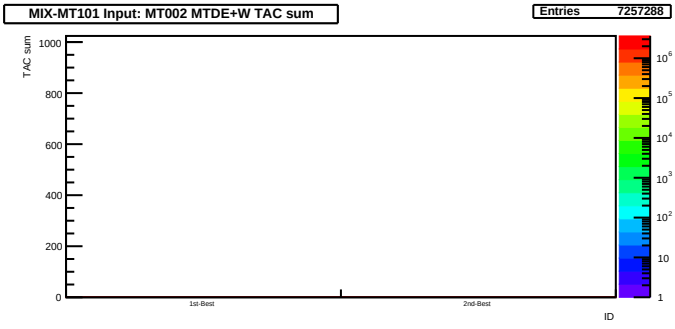

MXQ-MT002
Entries 1.161166e+08

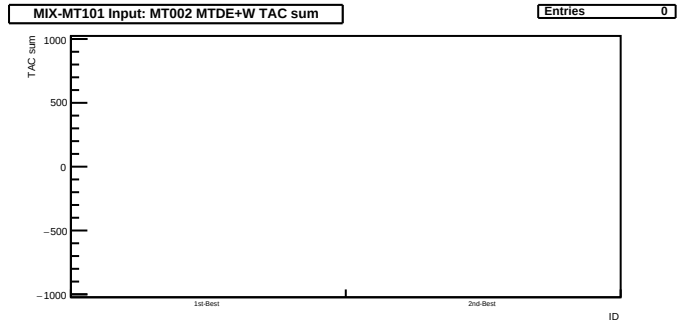

MXQ-MT003
Entries 1.161166e+08

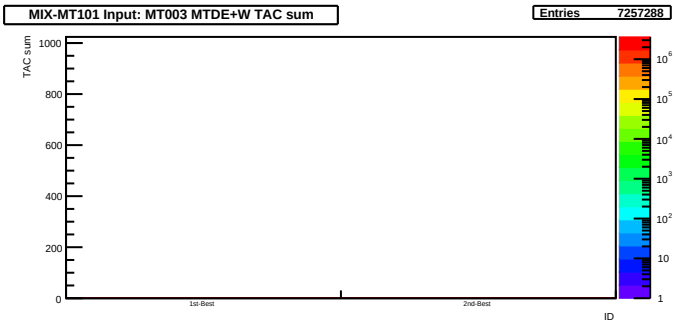

MXQ-MT004
Entries 1.161166e+08

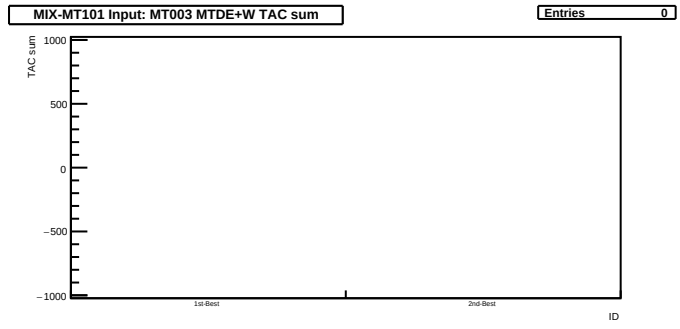

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7257288
TAC sum
1st-Best
2nd-Best
ID

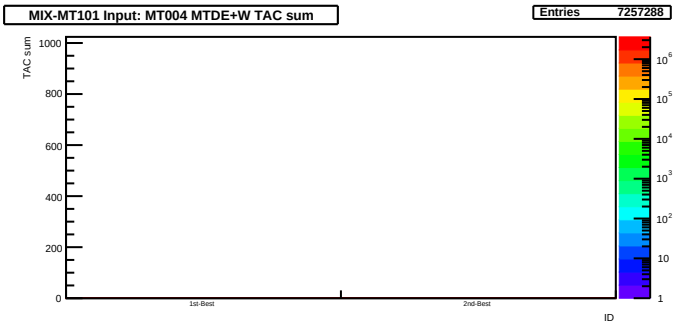

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

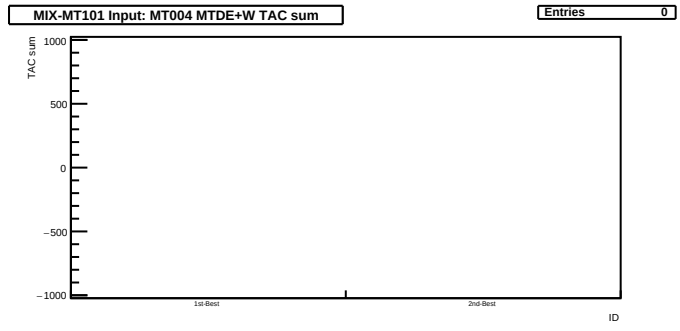

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7257288
TAC sum
1st-Best
2nd-Best
ID

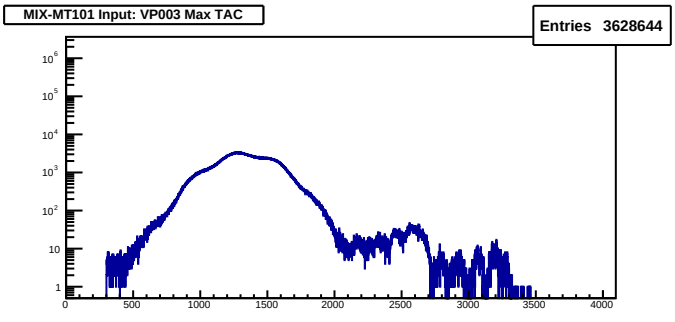

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID

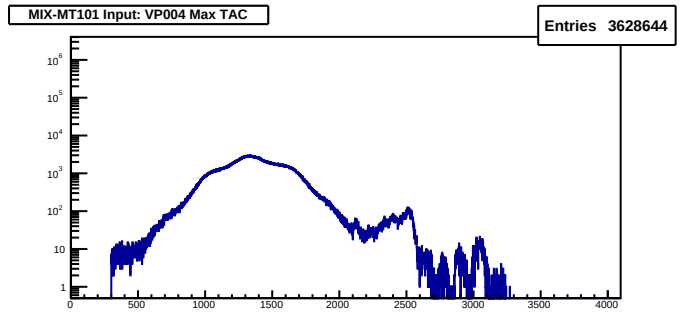

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7257288
TAC sum
1st-Best
2nd-Best
ID

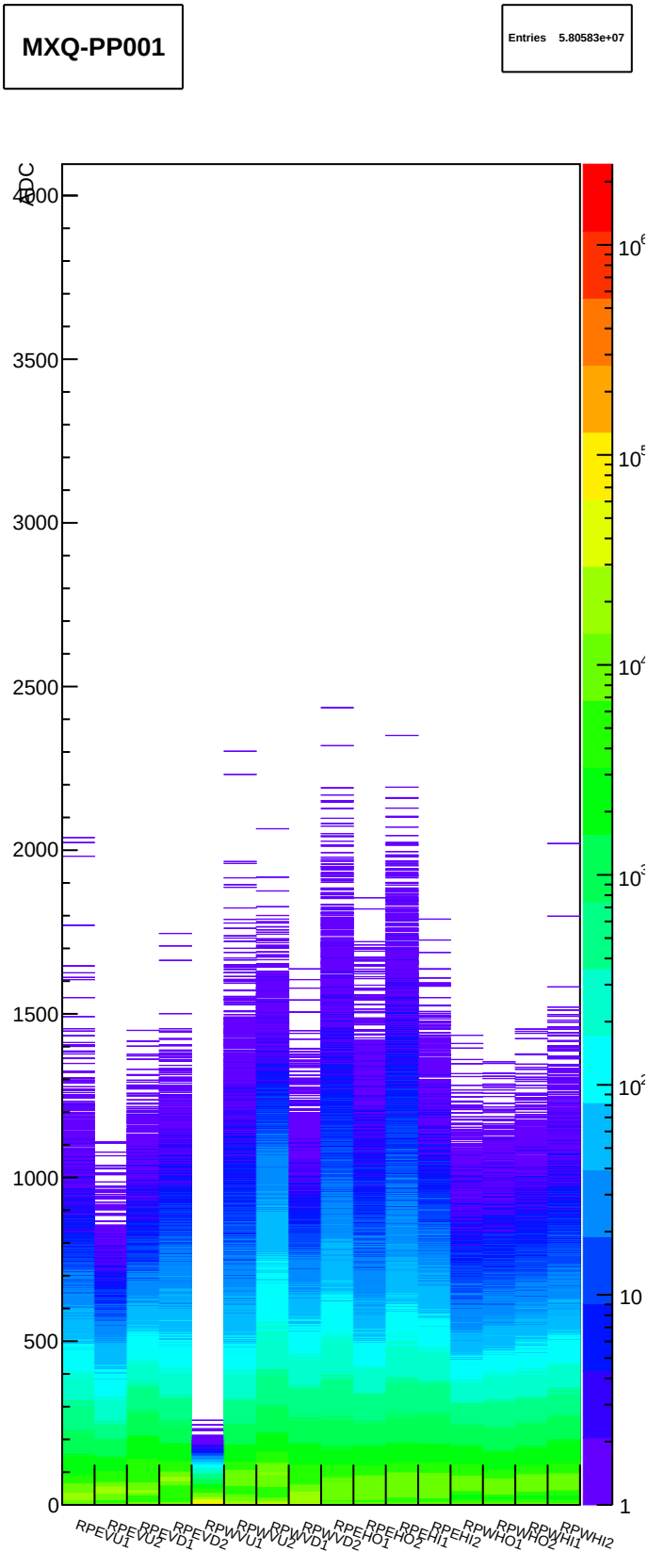

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7257288
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 0
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 3628644


MIX-MT101 Input: VP004 Max TAC
Entries 3628644


MXQ-PP001
Entries 5.80583e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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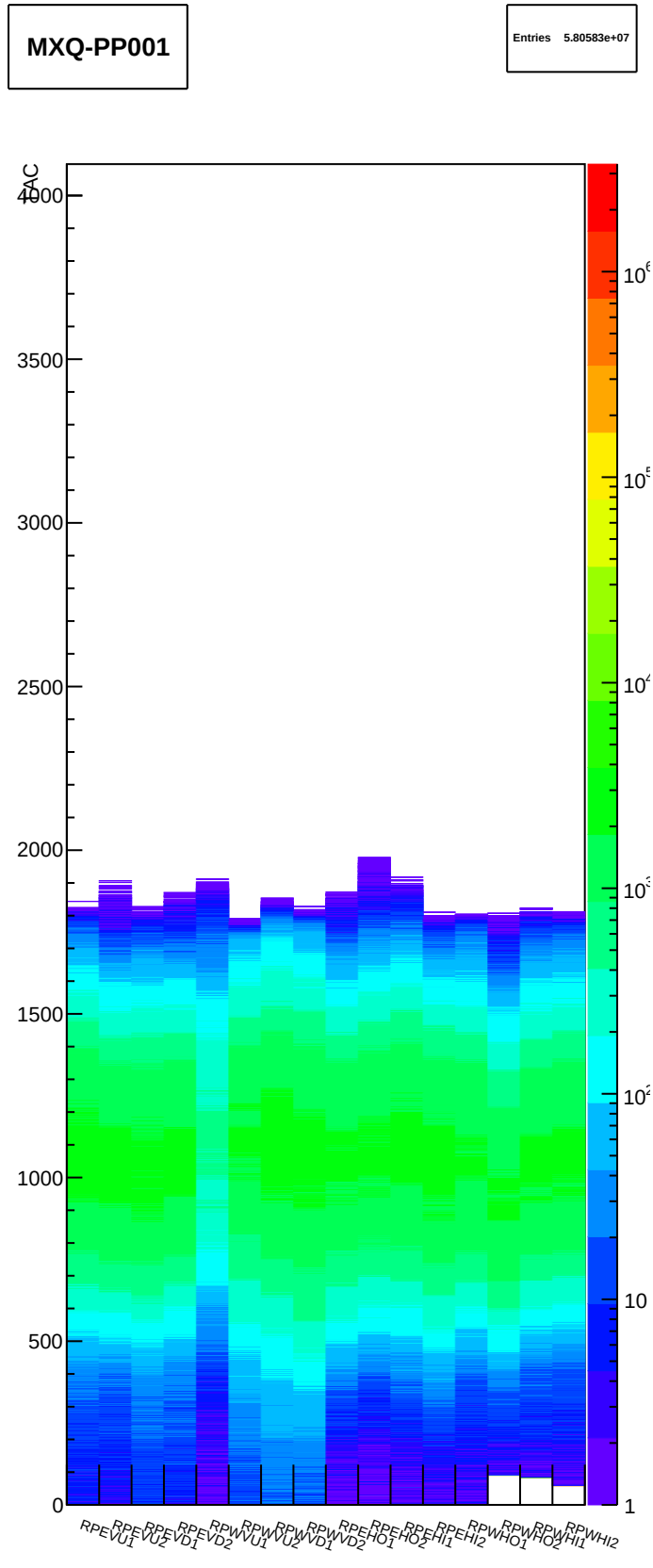
RPWHI1
RPWHI2
1
10


MXQ-PP001
Entries 5.80583e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
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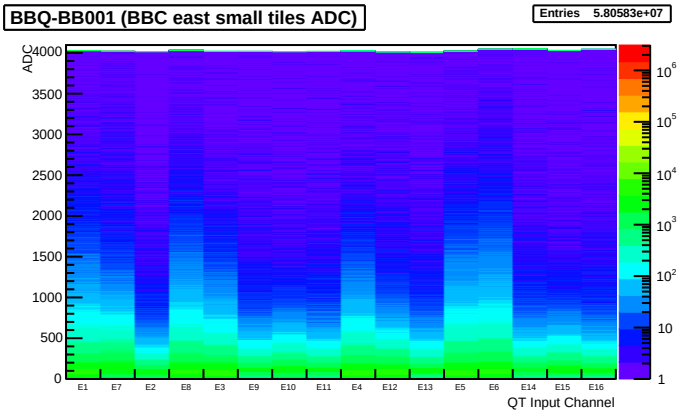
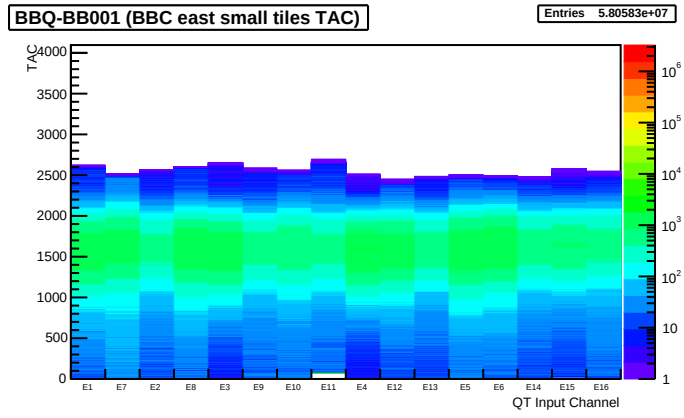
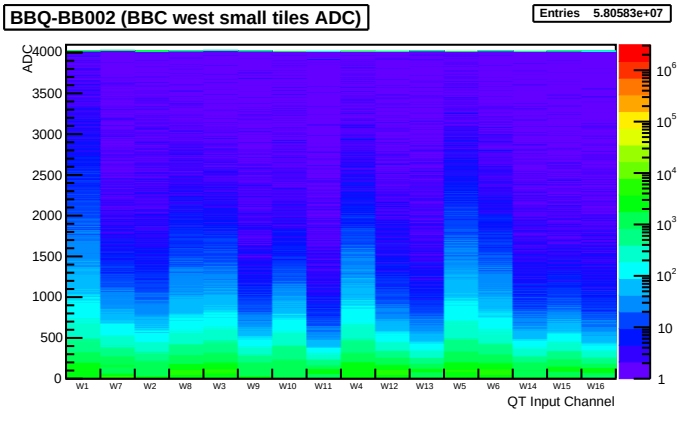
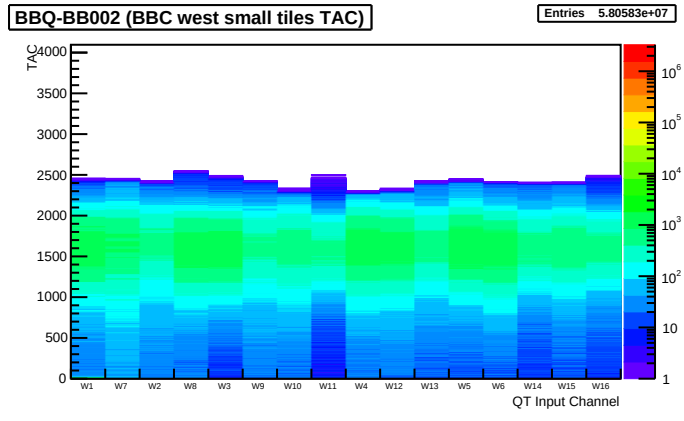
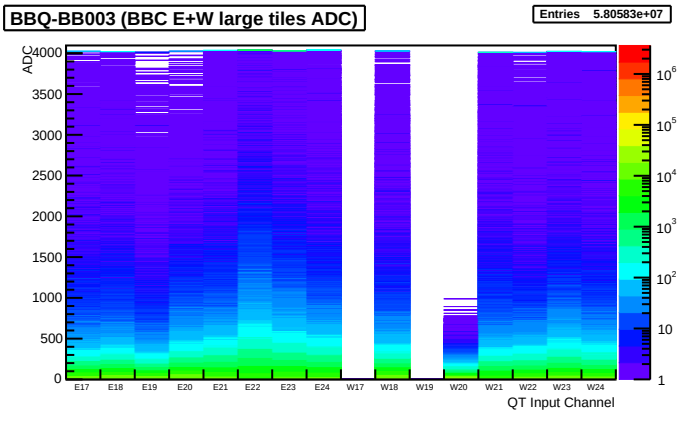
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

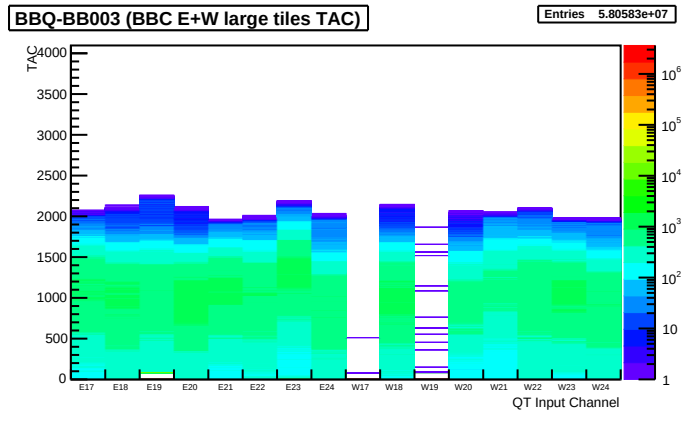

BBQ-BB001 (BBC east small tiles ADC)
Entries 5.80583e+07
ADC
QT Input Channel

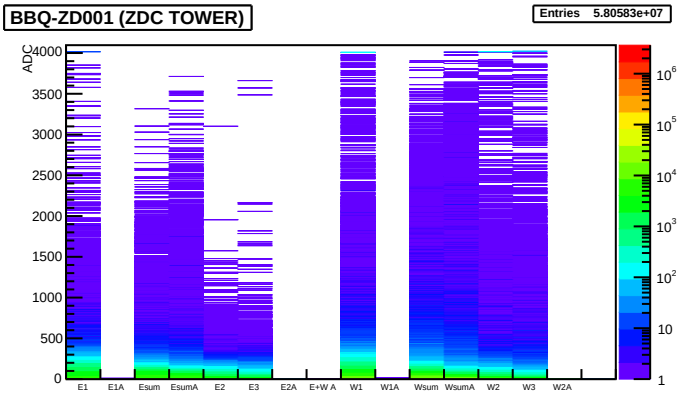

BBQ-BB001 (BBC east small tiles TAC)
Entries 5.80583e+07
TAC
QT Input Channel

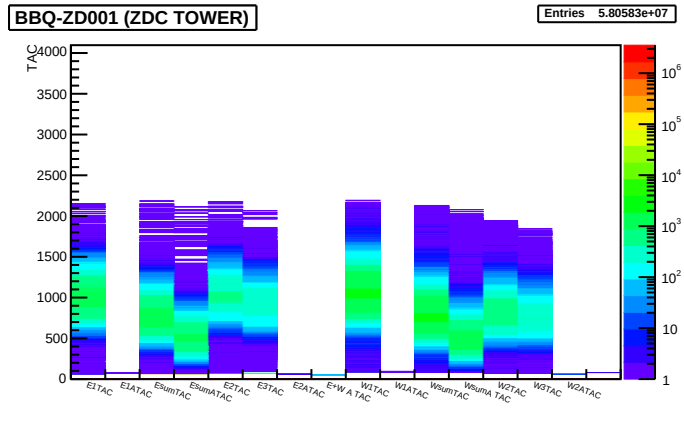

BBQ-BB002 (BBC west small tiles ADC)
Entries 5.80583e+07
ADC
QT Input Channel

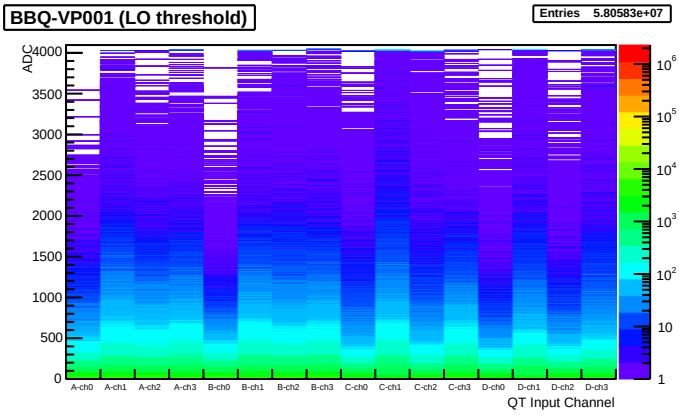

BBQ-BB002 (BBC west small tiles TAC)
Entries 5.80583e+07
TAC
QT Input Channel

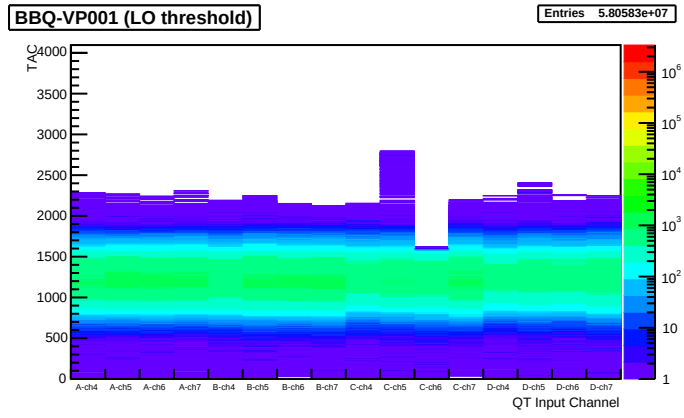

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.80583e+07
ADC
QT Input Channel

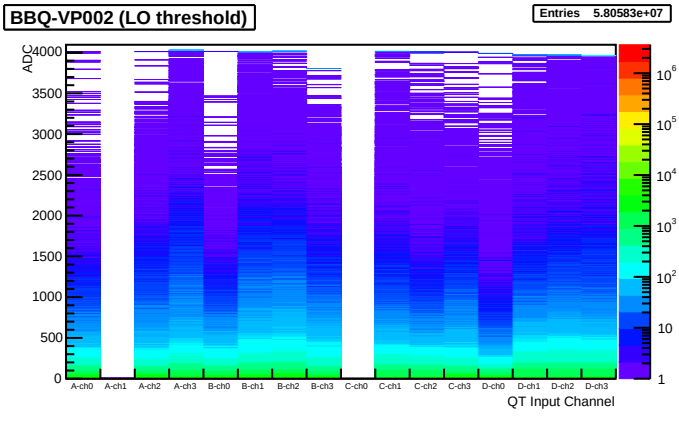

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.80583e+07
TAC
QT Input Channel

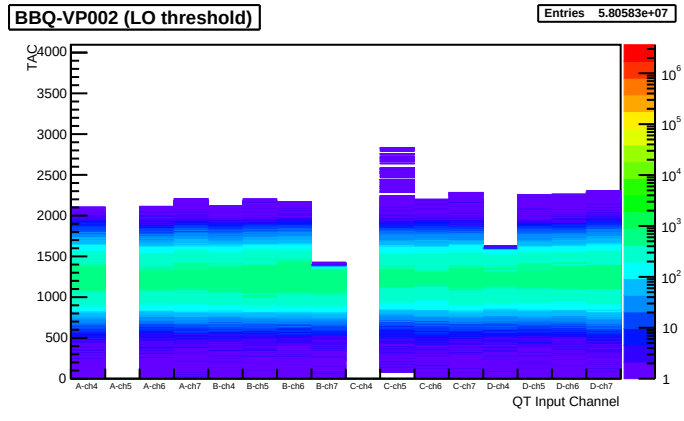

BBQ-ZD001 (ZDC TOWER)
Entries 5.80583e+07
ADC

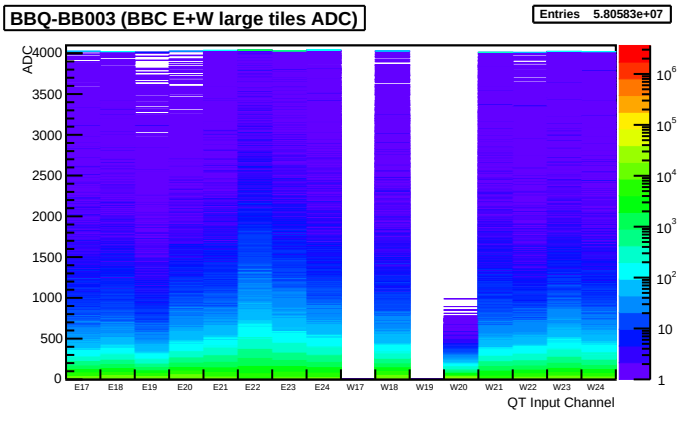

BBQ-ZD001 (ZDC TOWER)
Entries 5.80583e+07
TAC

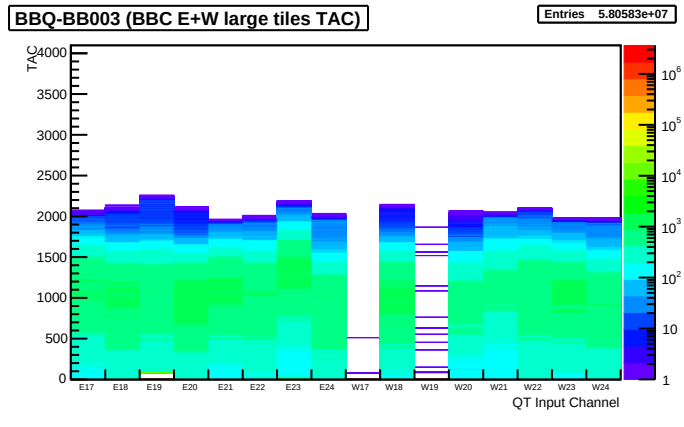

BBQ-VP001 (LO threshold)
Entries 5.80583e+07
ADC
QT Input Channel

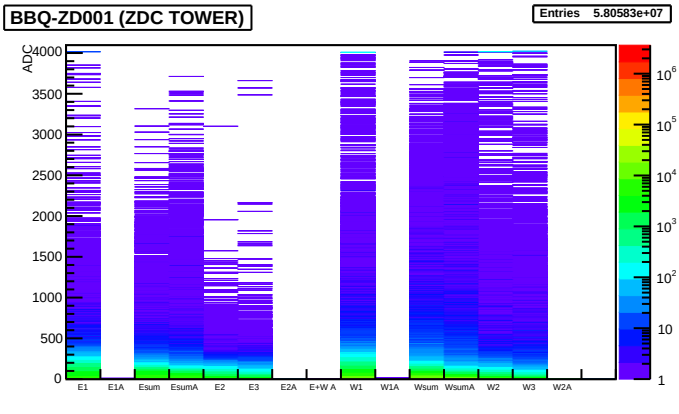

BBQ-VP001 (LO threshold)
Entries 5.80583e+07
TAC
QT Input Channel

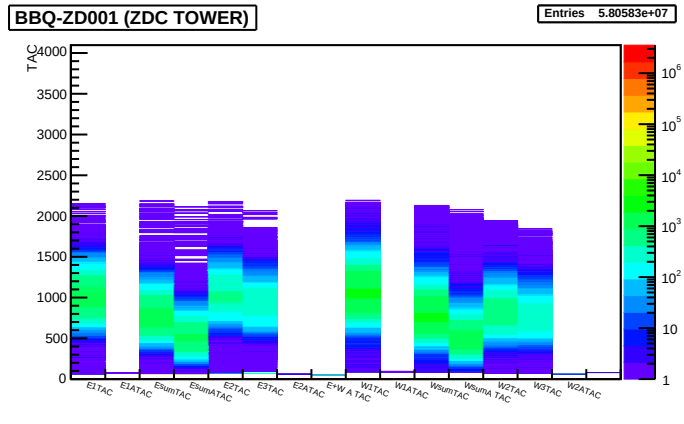

BBQ-VP002 (LO threshold)
Entries 5.80583e+07
ADC
QT Input Channel

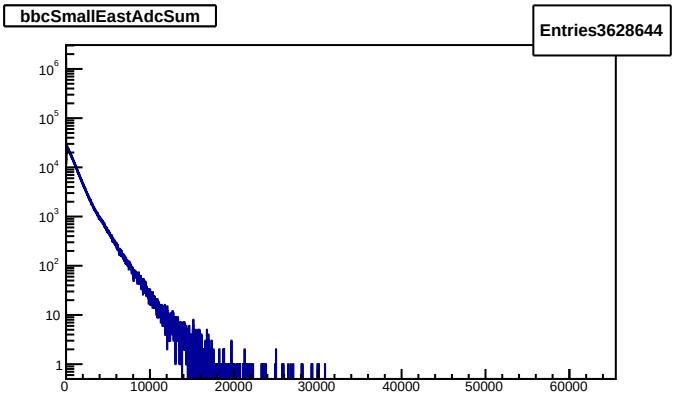

BBQ-VP002 (LO threshold)
Entries 5.80583e+07
TAC
QT Input Channel

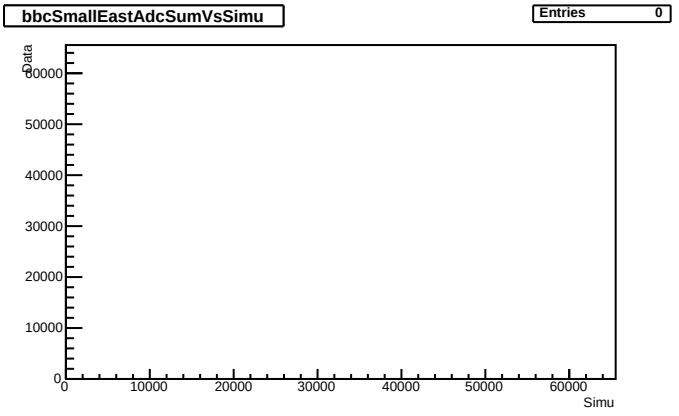

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5.80583e+07
ADC
QT Input Channel

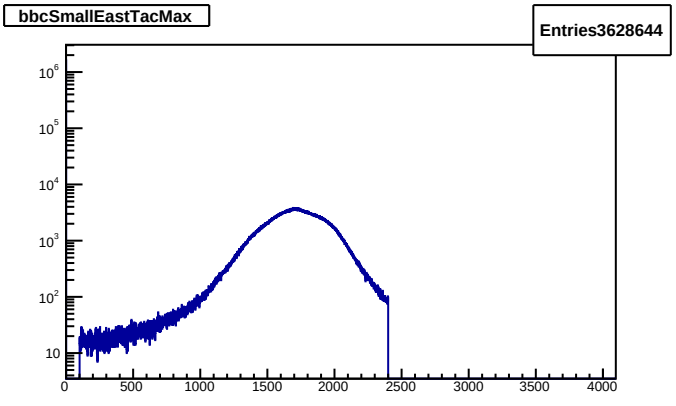

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5.80583e+07
TAC
QT Input Channel

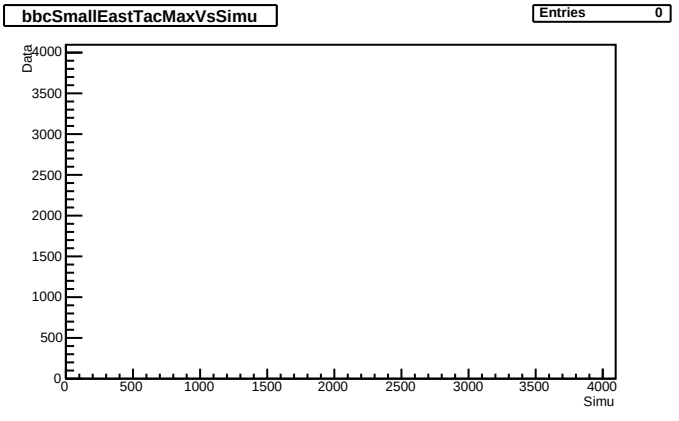

BBQ-ZD001 (ZDC TOWER)
Entries 5.80583e+07
ADC


BBQ-ZD001 (ZDC TOWER)
Entries 5.80583e+07
TAC


bbcSmallEastAdcSum
Entries3628644


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries3628644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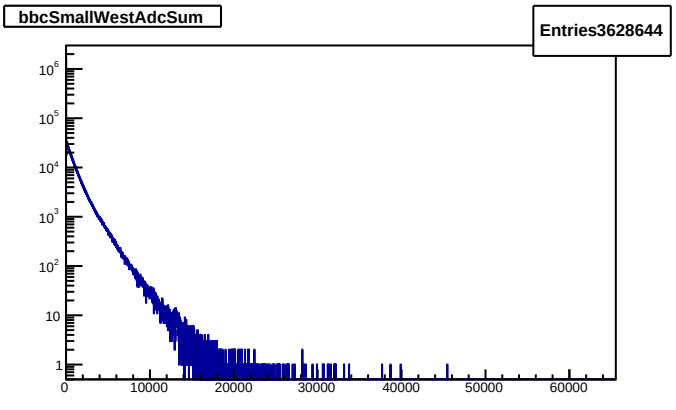
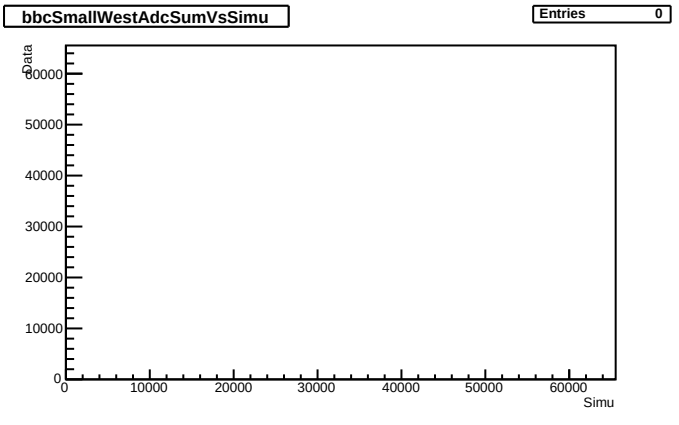
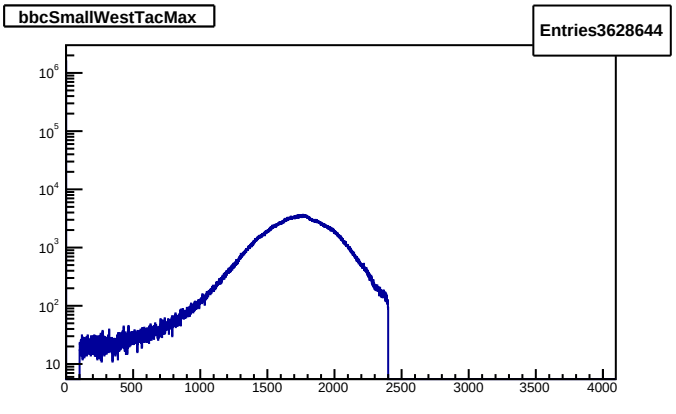
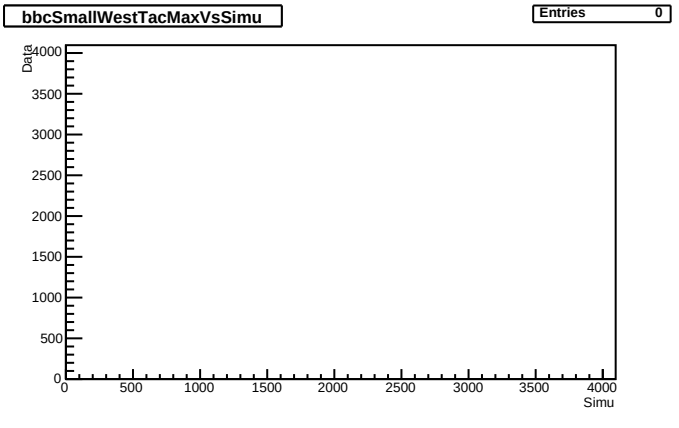
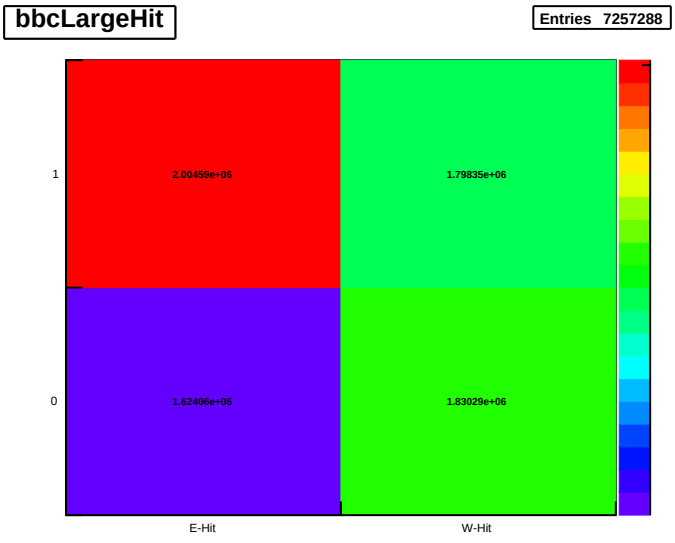
Entries 0
Data
Simu

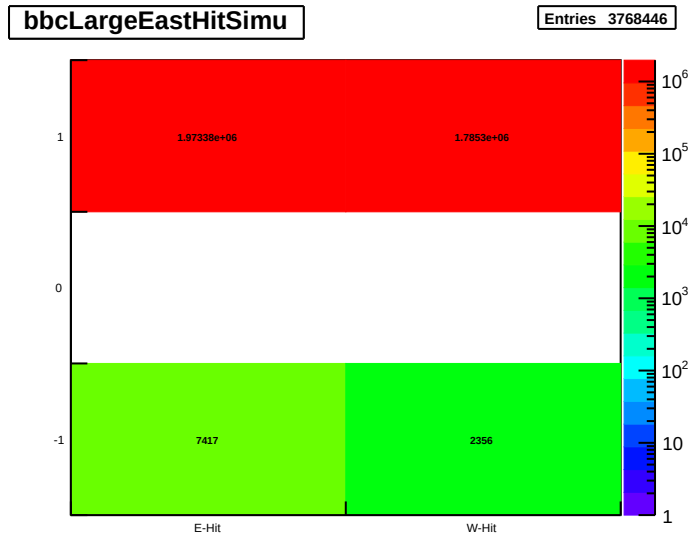

bbcSmallWestAdcSum
Entries3628644

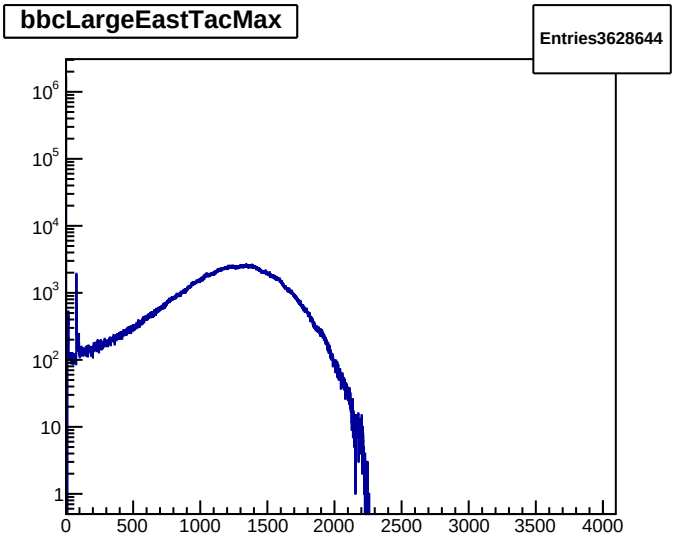

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

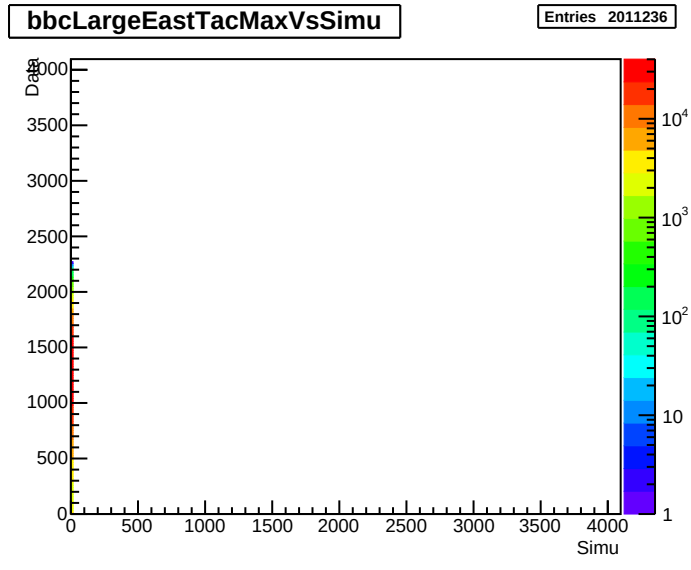

bbcSmallWestTacMax
Entries3628644

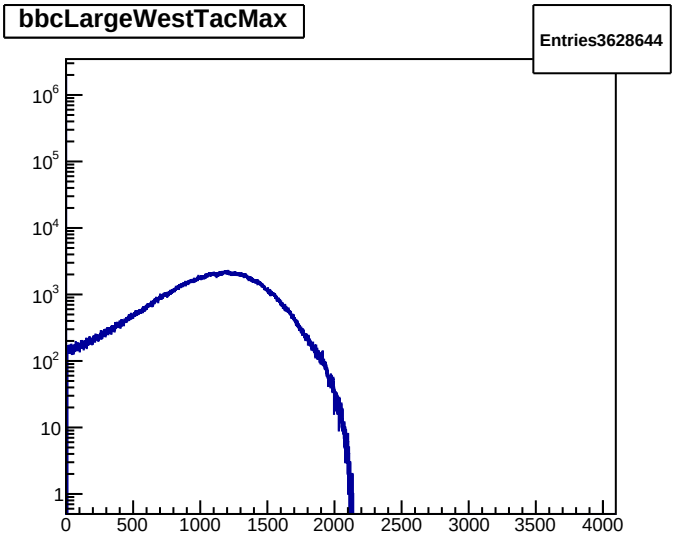

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

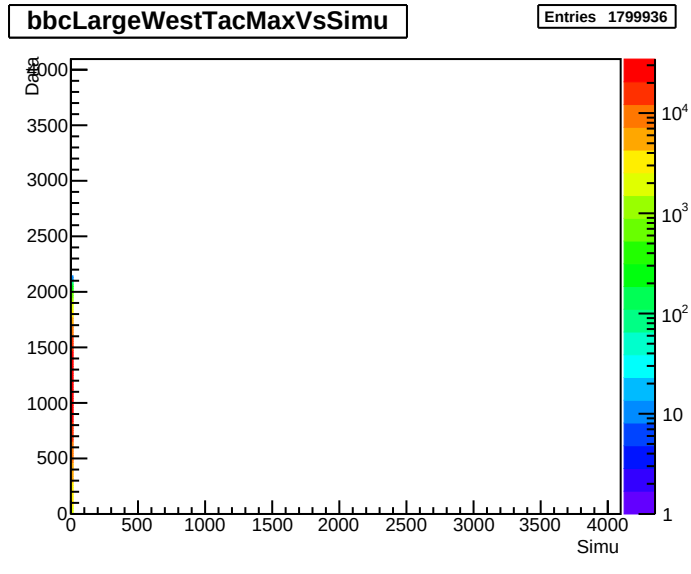

bbcLargeHit
Entries 7257288
2.00459e+06
1.79835e+06
1.62406e+06
1.83029e+06
1
0
E-Hit
W-Hit

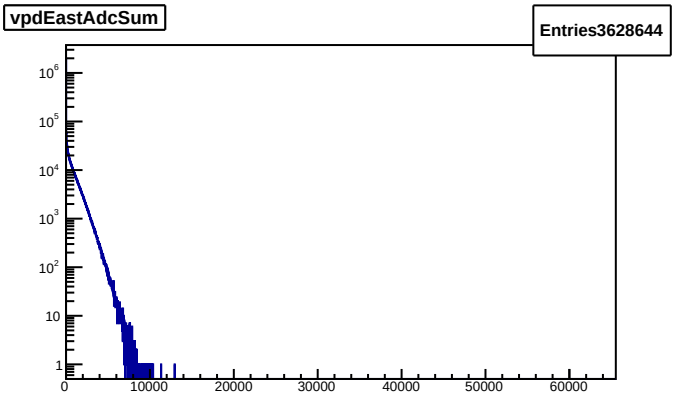

bbcLargeEastHitSimu
Entries 3768446
1.97338e+06
1.7853e+06
7417
2356
1
0
-1
E-Hit
W-Hit

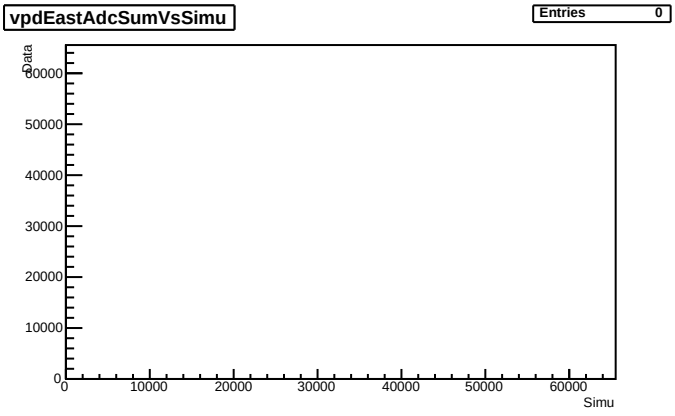

bbcLargeEastTacMax
Entries3628644

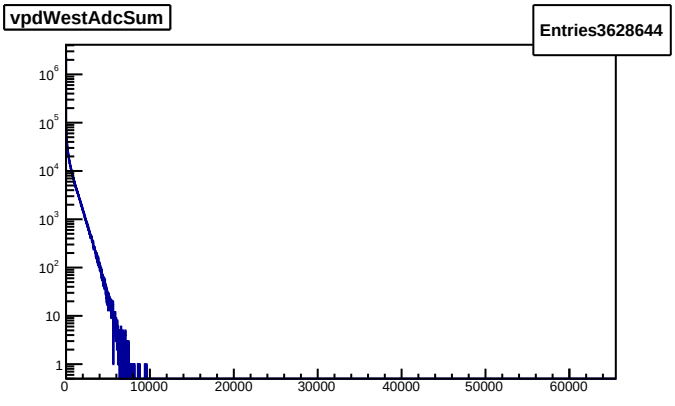

bbcLargeEastTacMaxVsSimu
Entries 2011236
Data
Simu

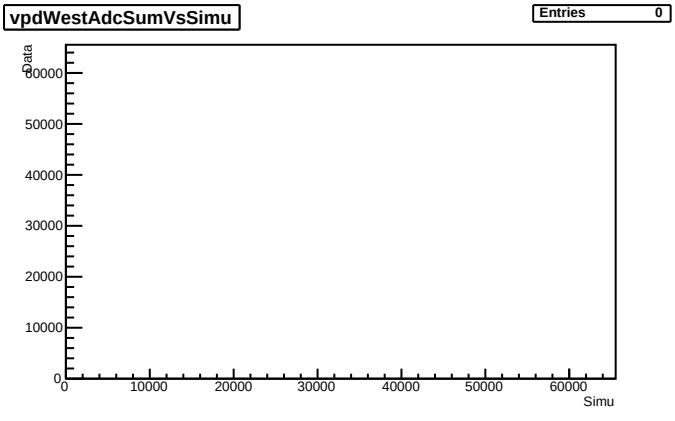

bbcLargeWestTacMax
Entries3628644


bbcLargeWestTacMaxVsSimu
Entries 1799936
Data
Simu


vpdEastAdcSum
Entries3628644


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries3628644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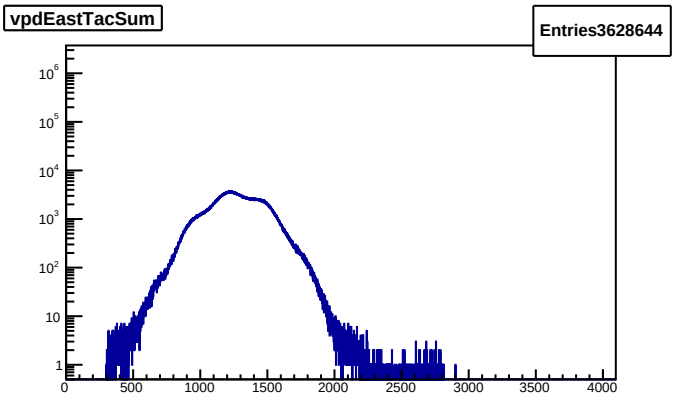
Entries 0
Data
Simu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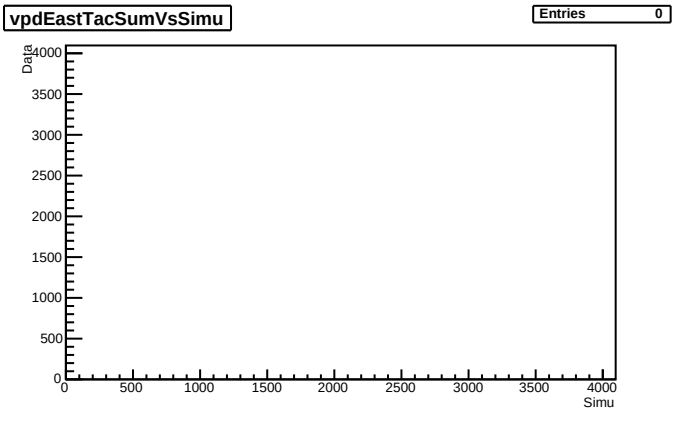
Entries3628644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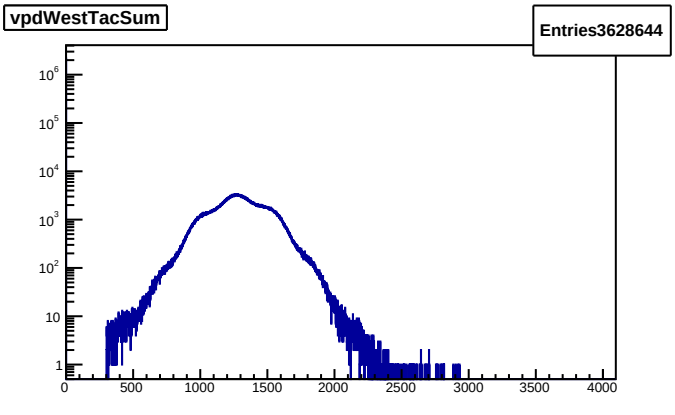
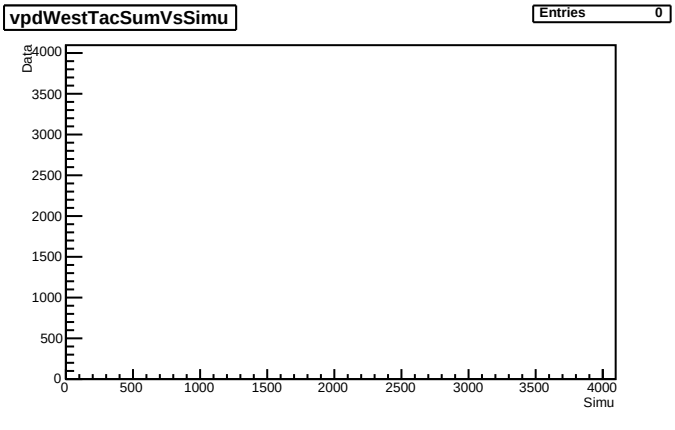
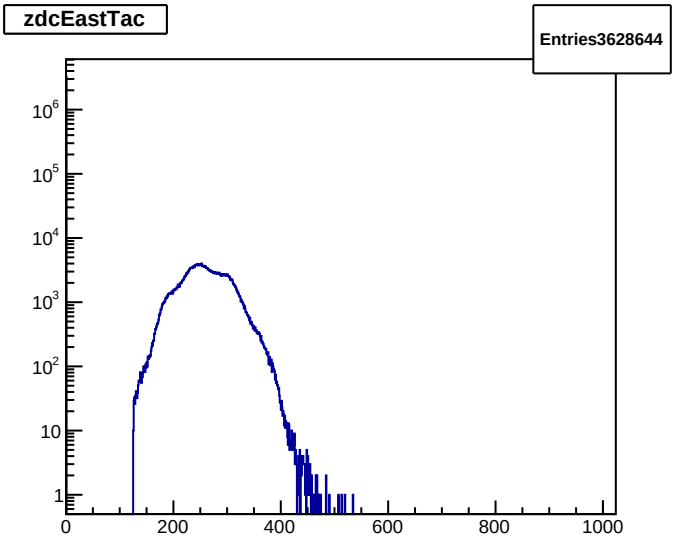
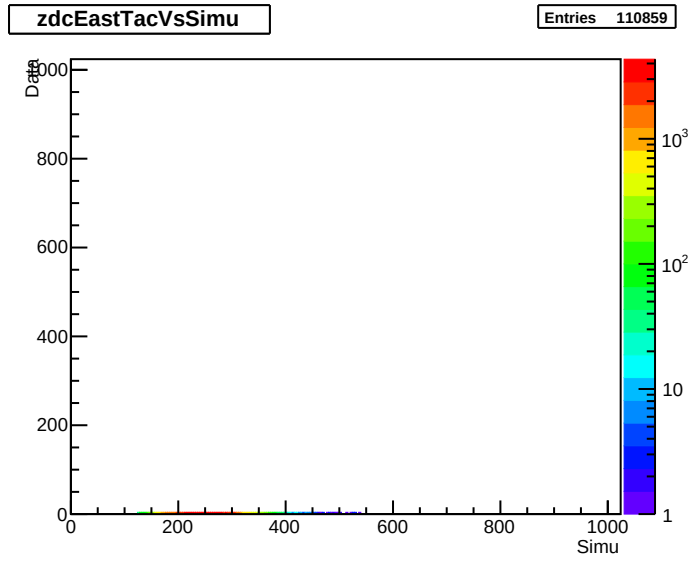
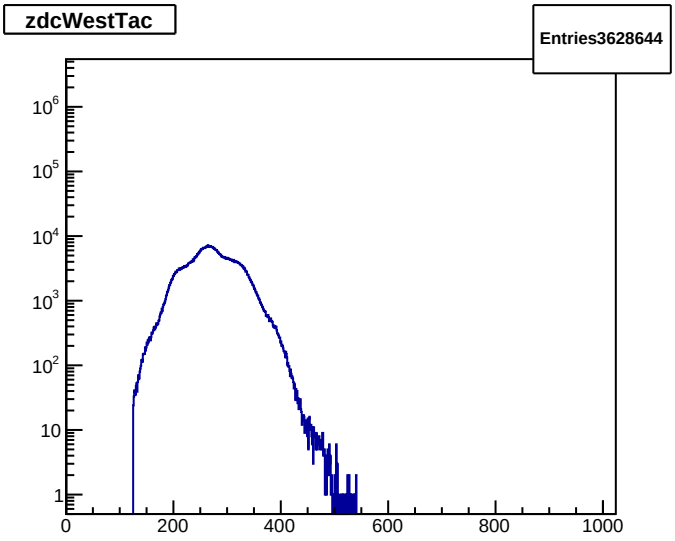
Entries 0
Data
Simu

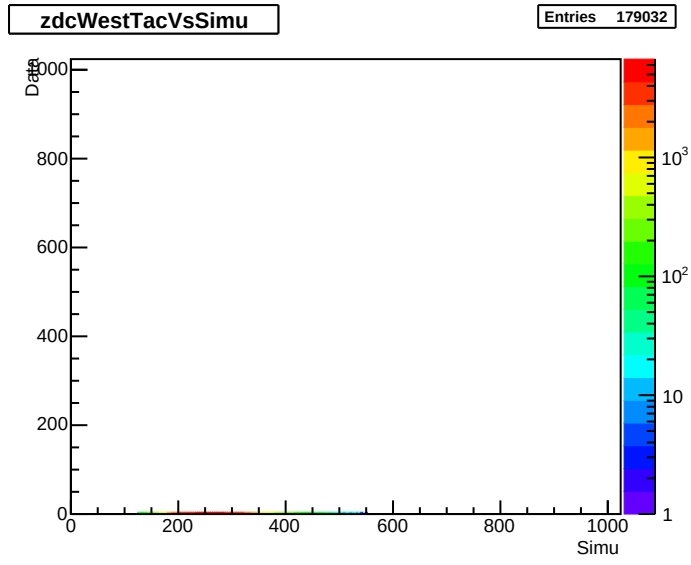

vpdWestTacSum
Entries3628644

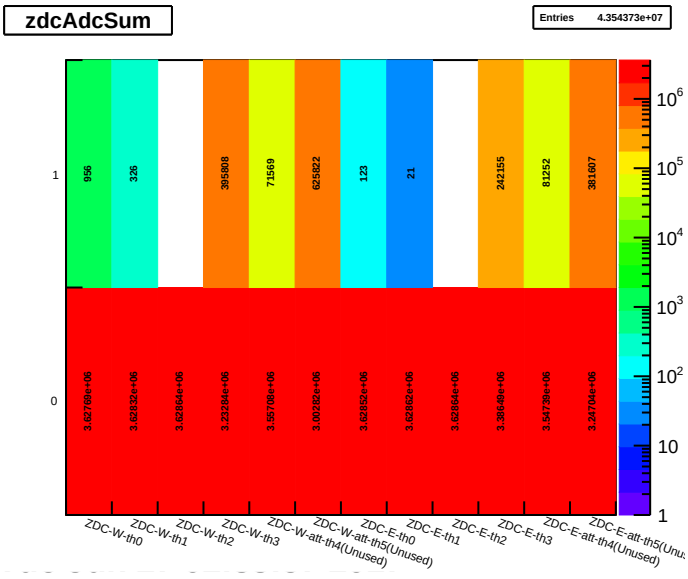

vpdWestTacSumVsSimu
Entries 0
Data
Simu

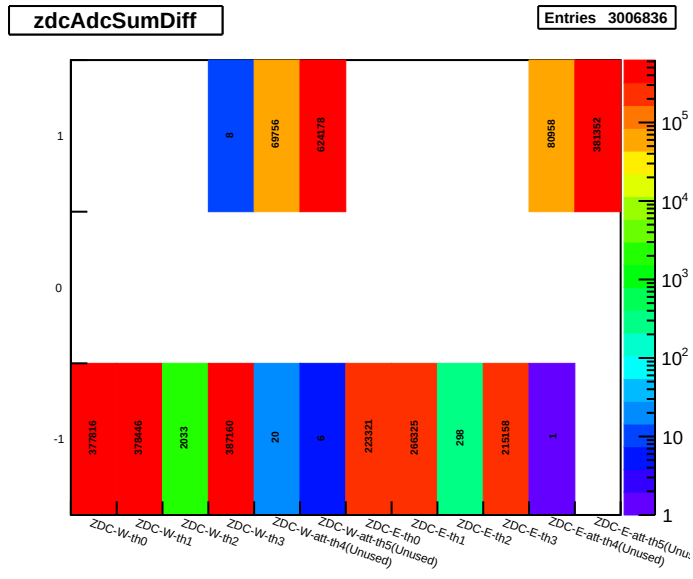

zdcEastTac
Entries3628644

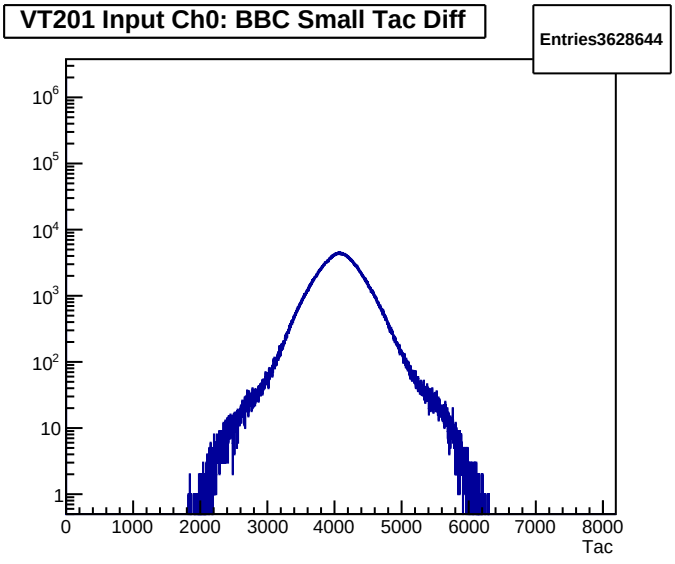

zdcEastTacVsSimu
Entries 110859
Data
Simu

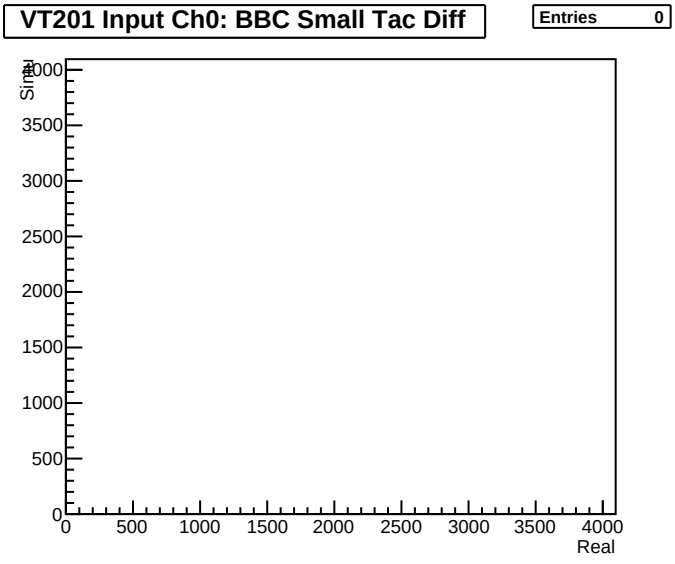

zdcWestTac
Entries3628644

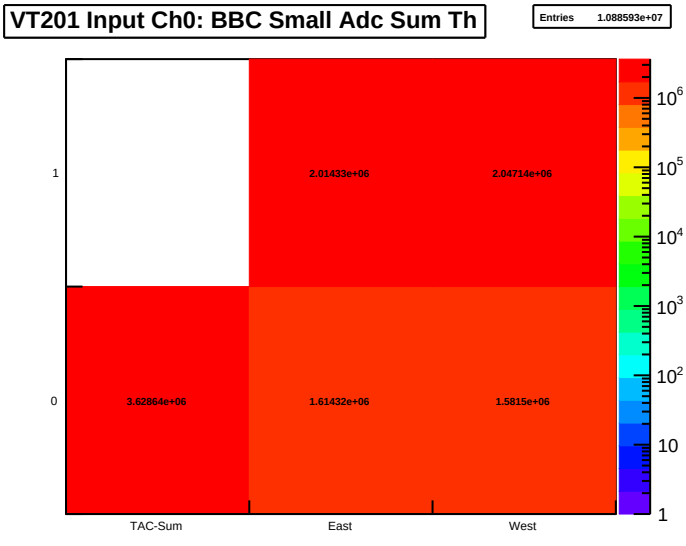

zdcWestTacVsSimu
Entries 179032
Data
Simu

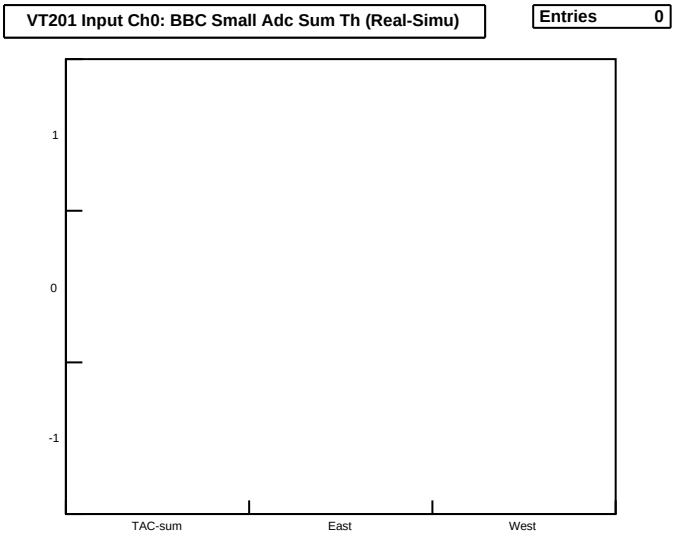

zdcAdcSum
Entries 4.354373e+07
956
326
395808
71569
625822
123
21
242155
81252
381607
3.62769e+06
3.62832e+06
3.62864e+06
3.23294e+06
3.55706e+06
3.00282e+06
3.62852e+06
3.62862e+06
3.62864e+06
3.30640e+06
3.54739e+06
3.24704e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

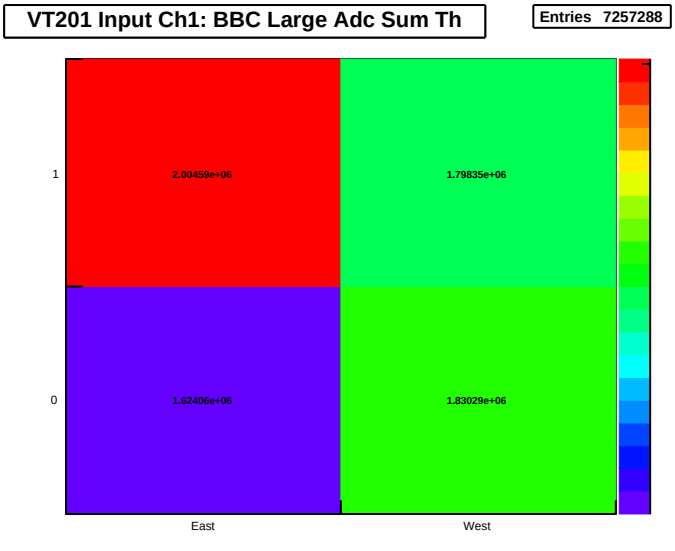

zdcAdcSumDiff
Entries 3006836
8
69756
624478
80958
381352
378416
378446
2033
387160
20
6
223321
266325
298
215158
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

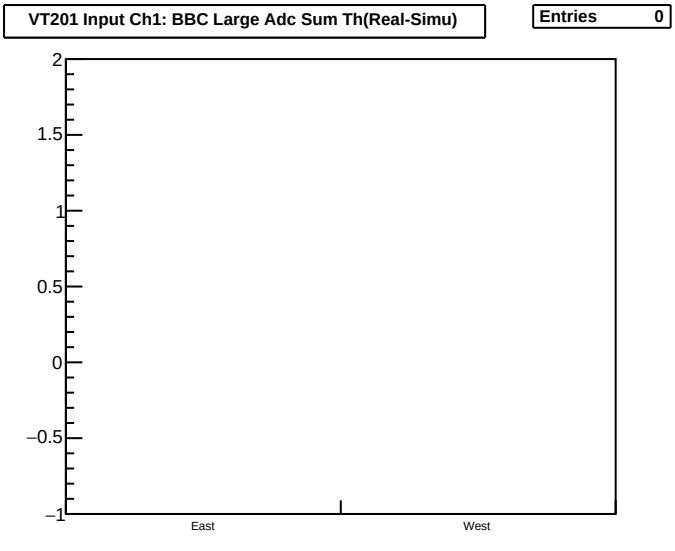

VT201 Input Ch0: BBC Small Tac Diff
Entries3628644
Tac


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

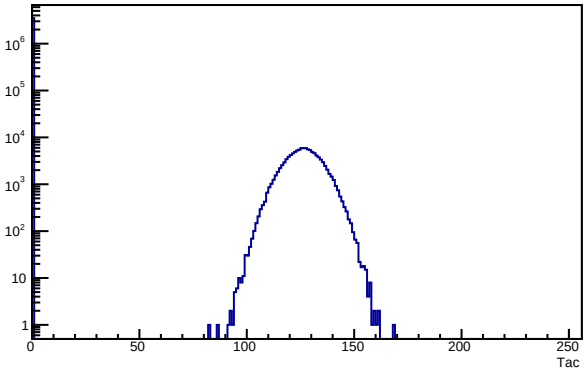

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.088593e+07
2.01433e+06
2.04714e+06
3.62864e+06
1.61432e+06
1.5815e+06
TAC-Sum
East
West


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

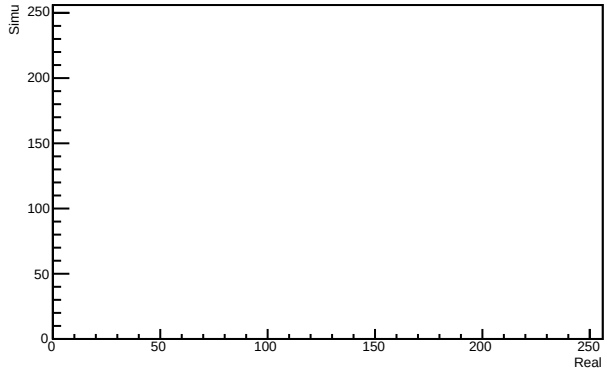

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7257288
2.00459e+06
1.79835e+06
1.62406e+06
1.83029e+06
East
West


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

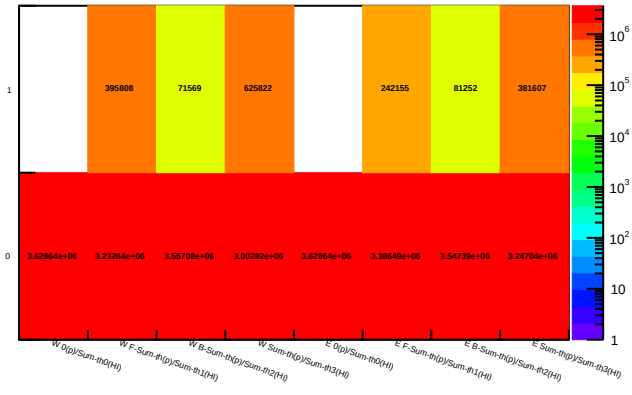
VT201 Input Ch2: ZDC Tac Diff



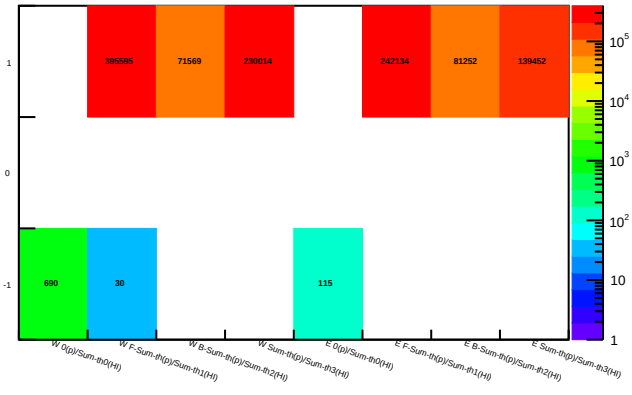
VT201 Input Ch2: ZDC Tac Diff



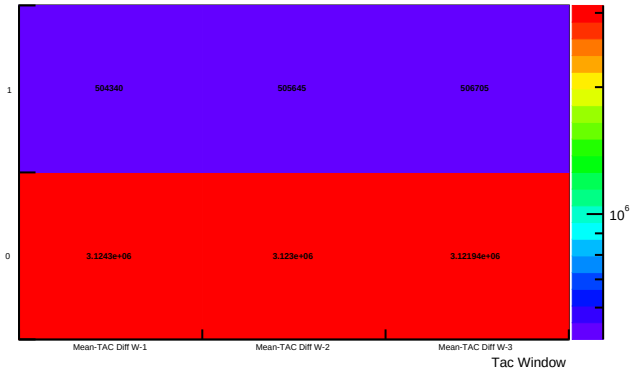
VT201 Input Ch2: ZDC Adc Sum Th



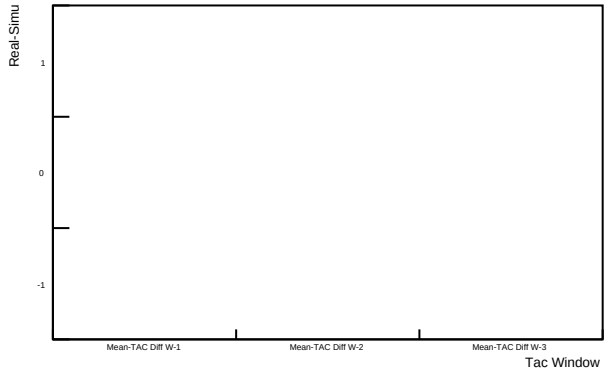
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



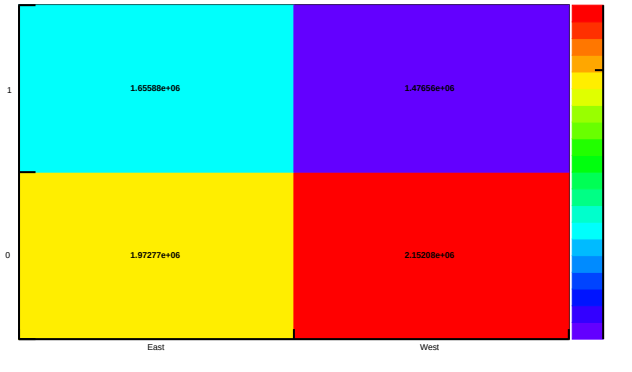
VT201 Input Ch4: VPD Tac Diff



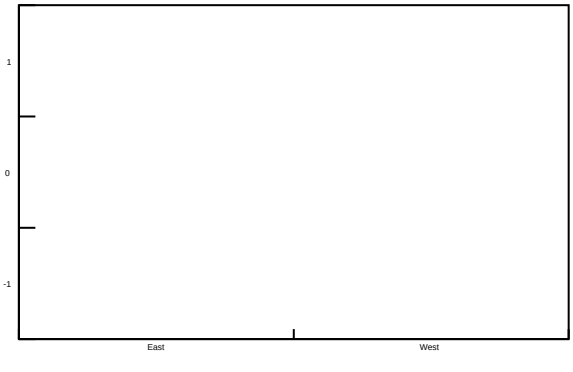
VT201 Input Ch4: VPD Tac Diff

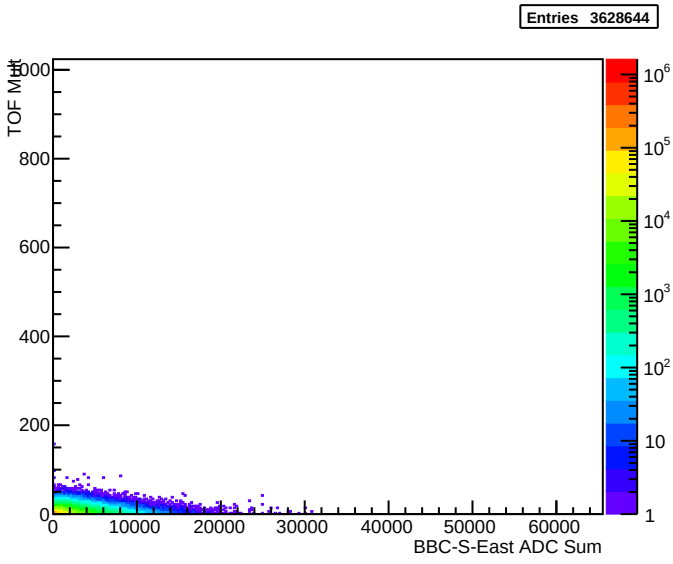


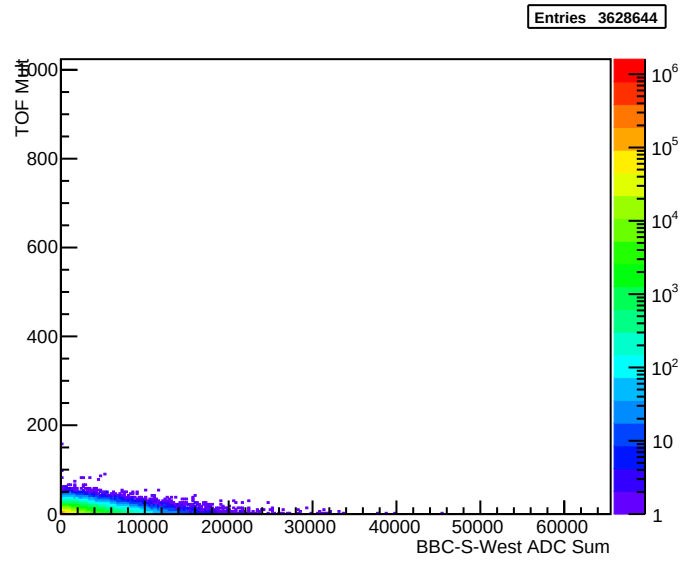
VT201 Input Ch4: VPD Adc Sum Th

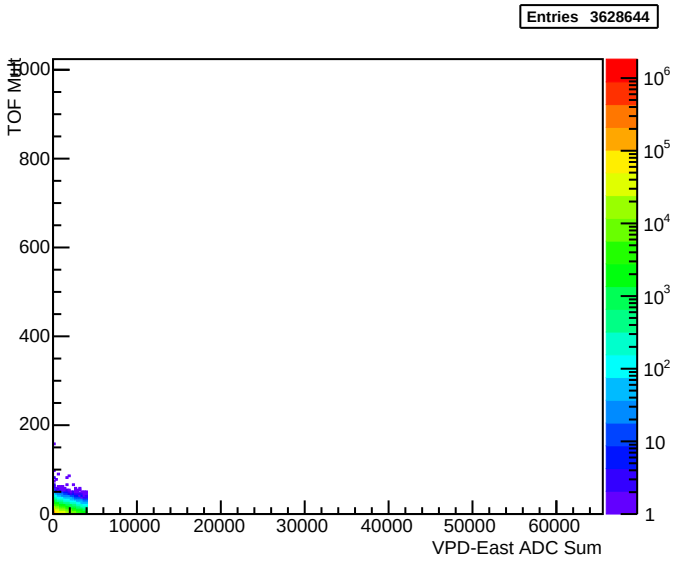


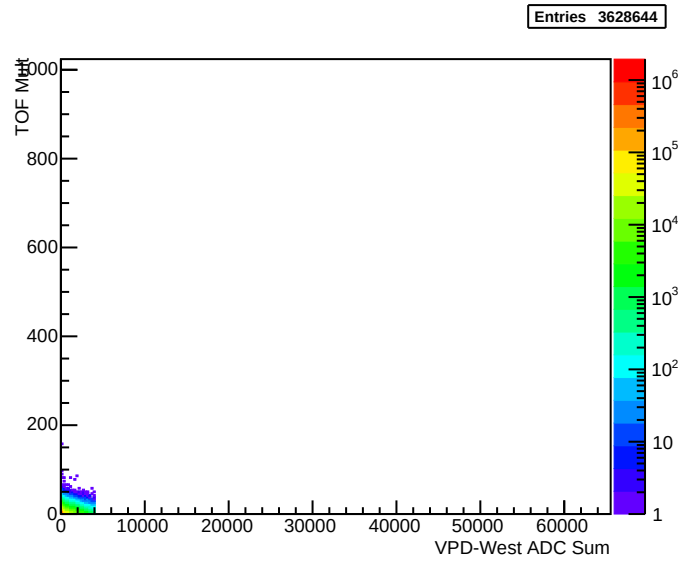
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

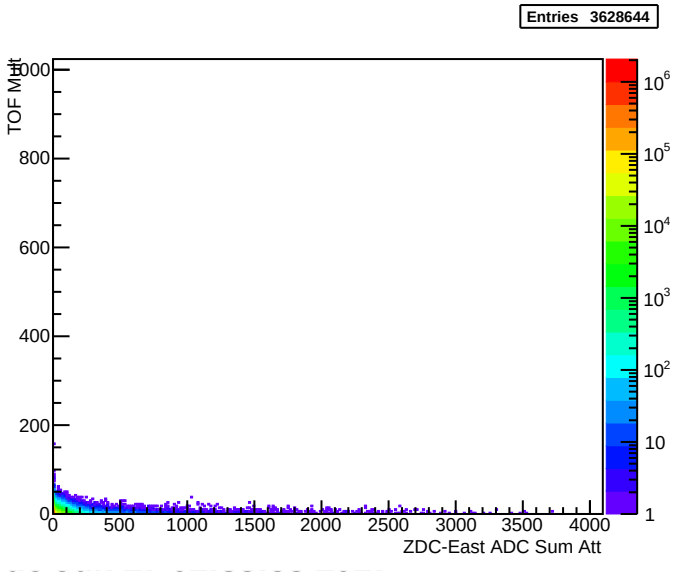


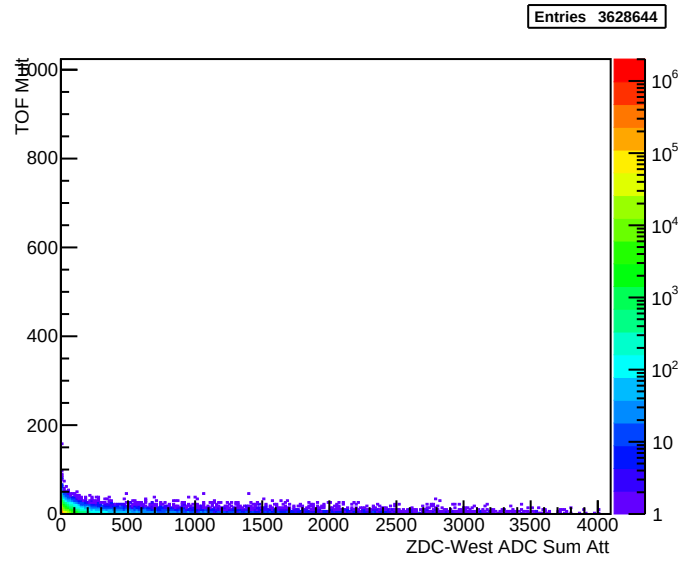

Entries 3628644
TOF Mult
BBC-S-East ADC Sum

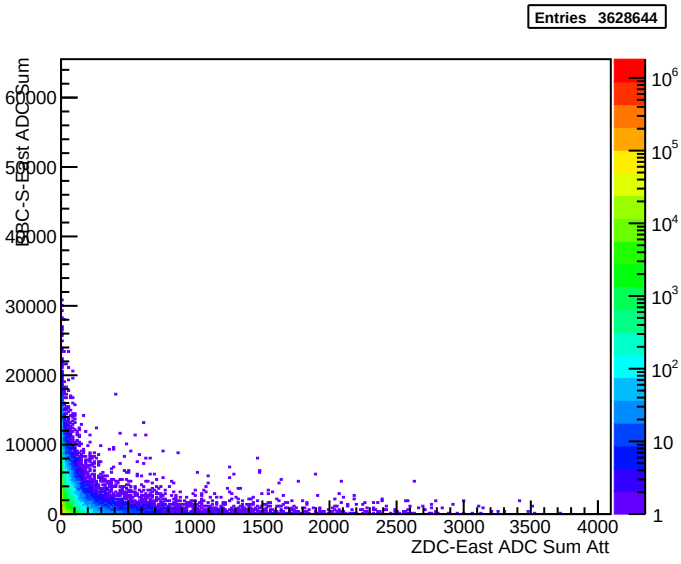

Entries 3628644
TOF Mult
BBC-S-West ADC Sum

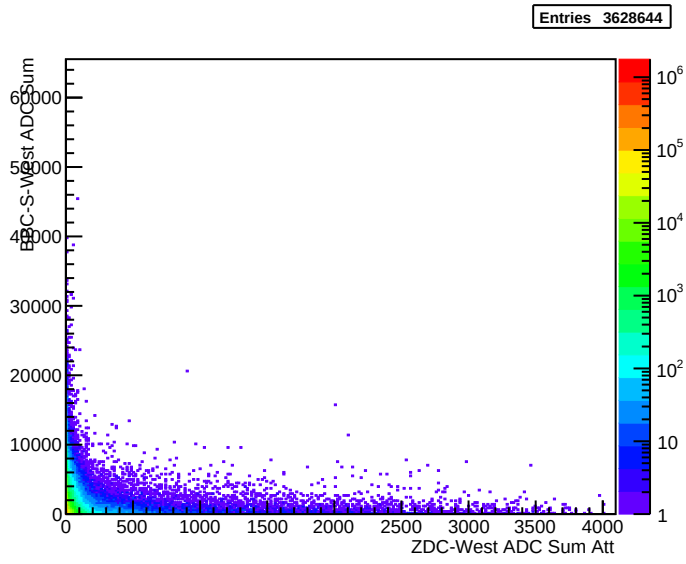

Entries 3628644
TOF Mult
VPD-East ADC Sum

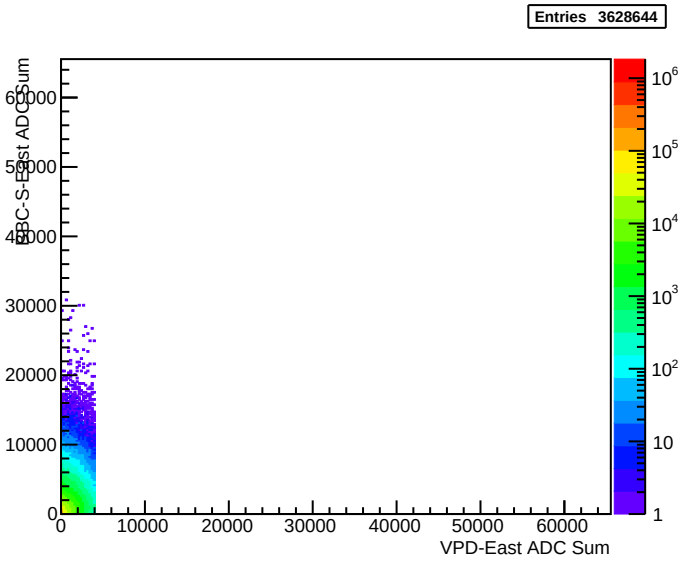

Entries 3628644
TOF Mult
VPD-West ADC Sum

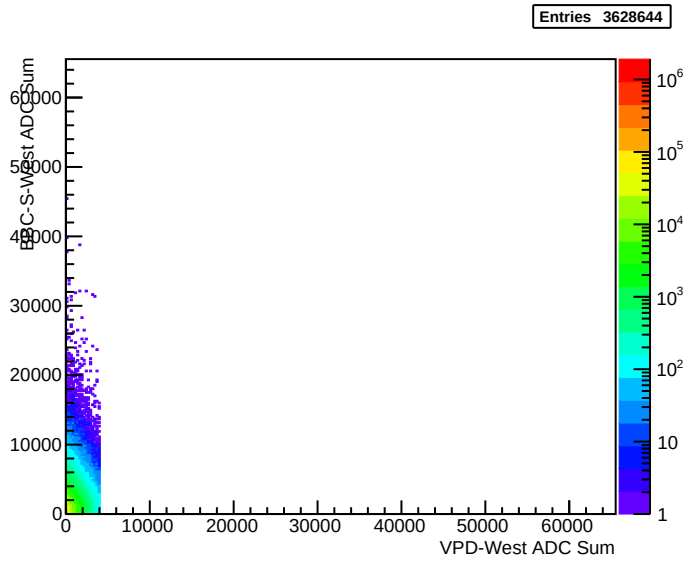

Entries 3628644
TOF Mult
ZDC-East ADC Sum Att

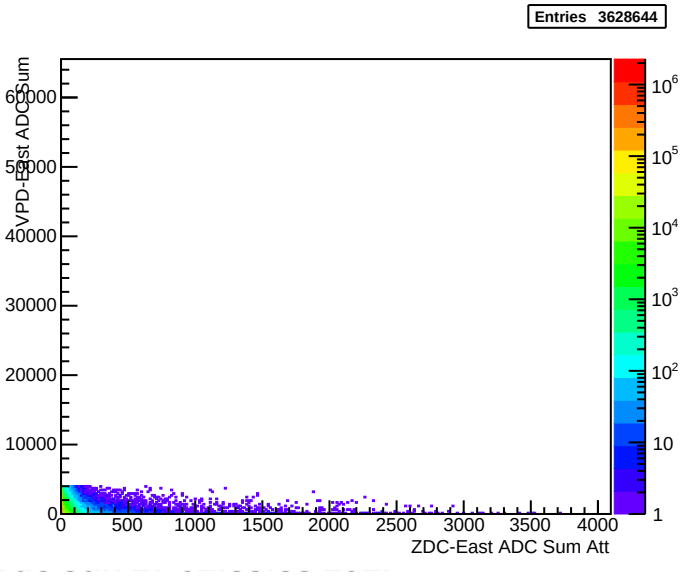

Entries 3628644
TOF Mult
ZDC-West ADC Sum Att

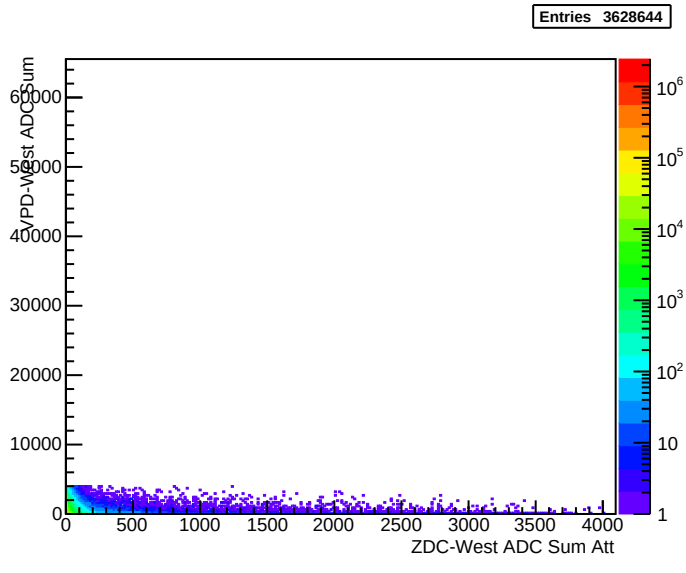

Entries 3628644
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

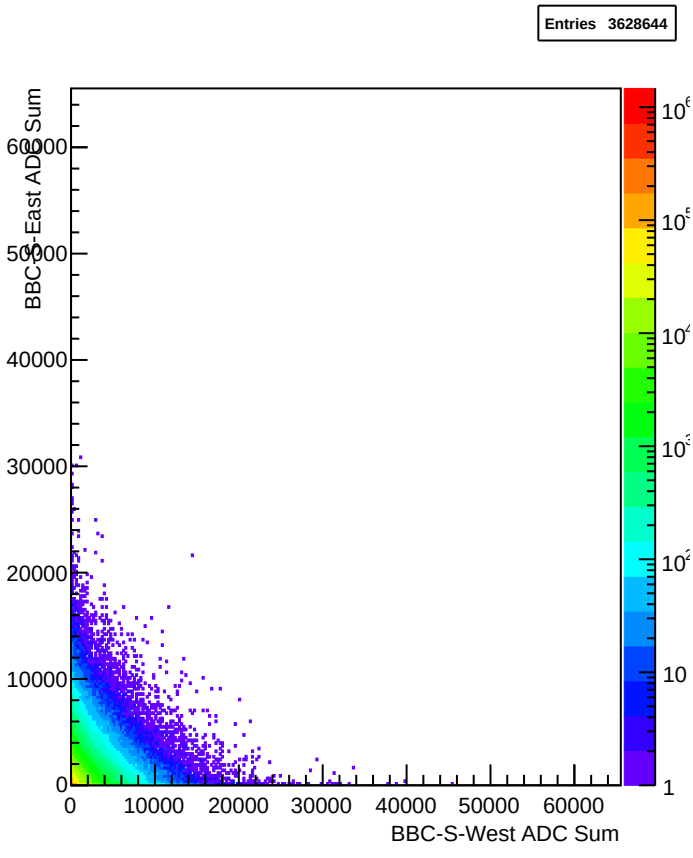

Entries 3628644
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

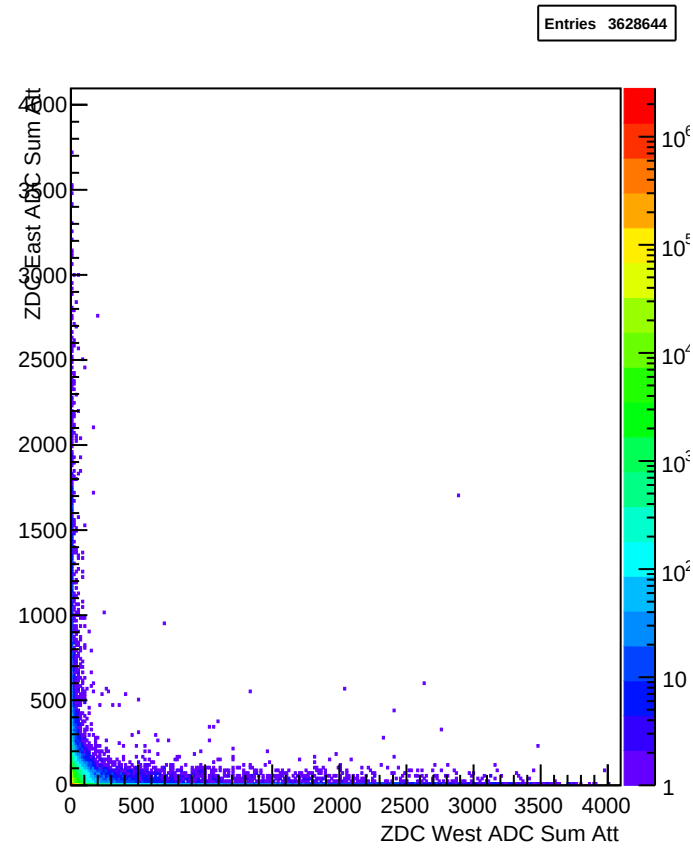

Entries 3628644
BBC-S-East ADC Sum
VPD-East ADC Sum

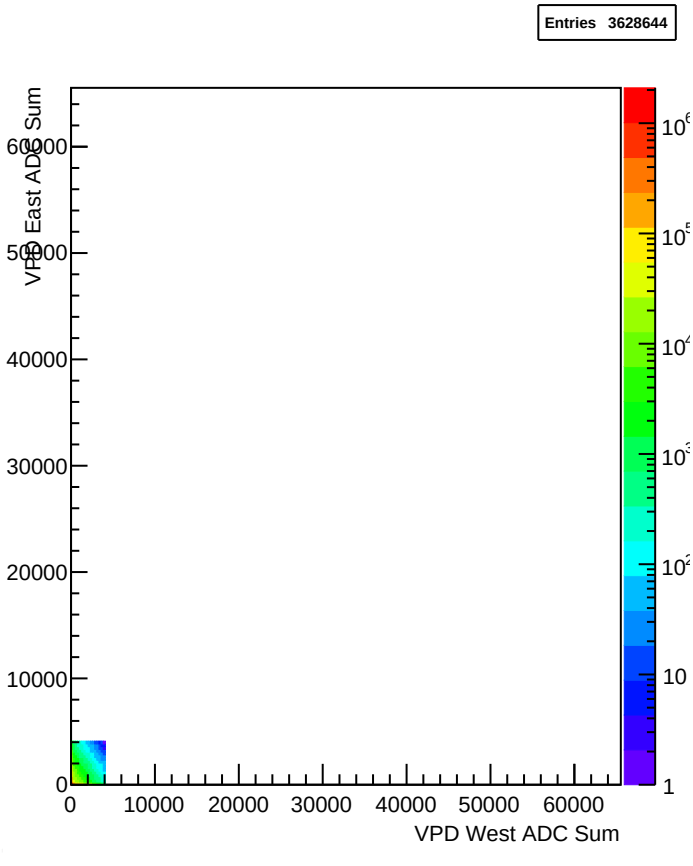

Entries 3628644
BBC-S-West ADC Sum
VPD-West ADC Sum

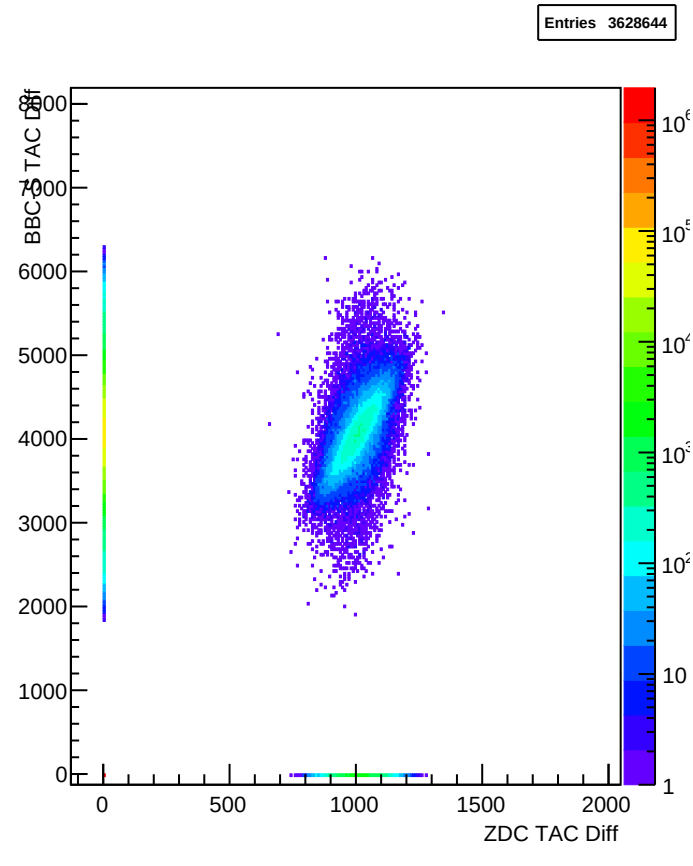

Entries 3628644
VPD-East ADC Sum
ZDC-East ADC Sum Att

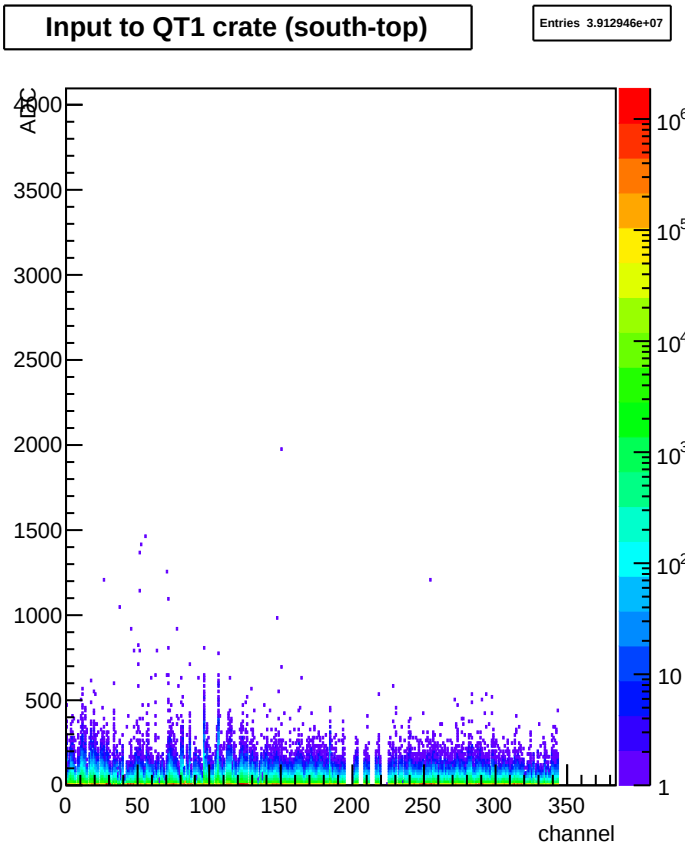

Entries 3628644
VPD-West ADC Sum
ZDC-West ADC Sum Att

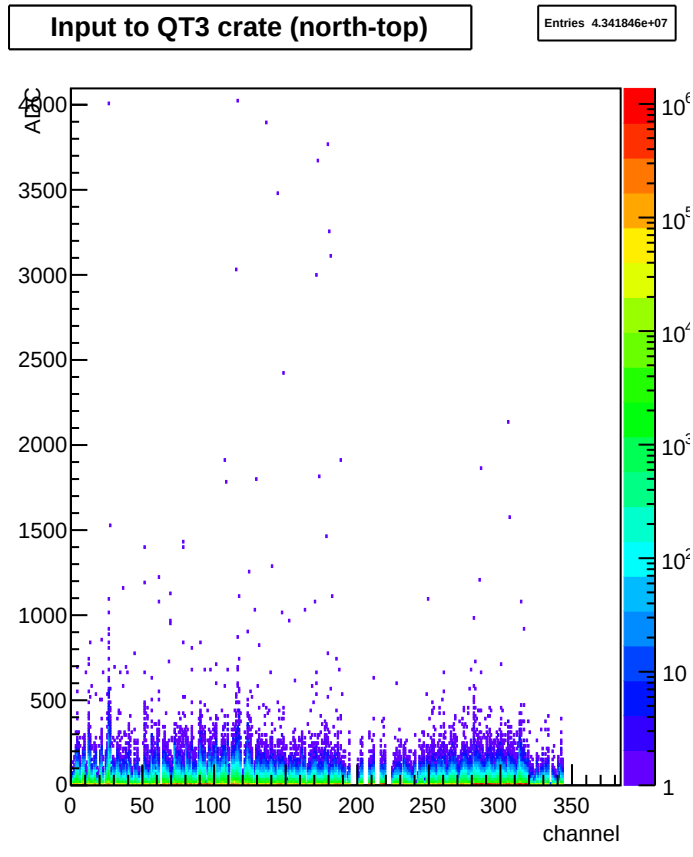

Entries 3628644
BBC-S-East ADC Sum
BBC-S-West ADC Sum

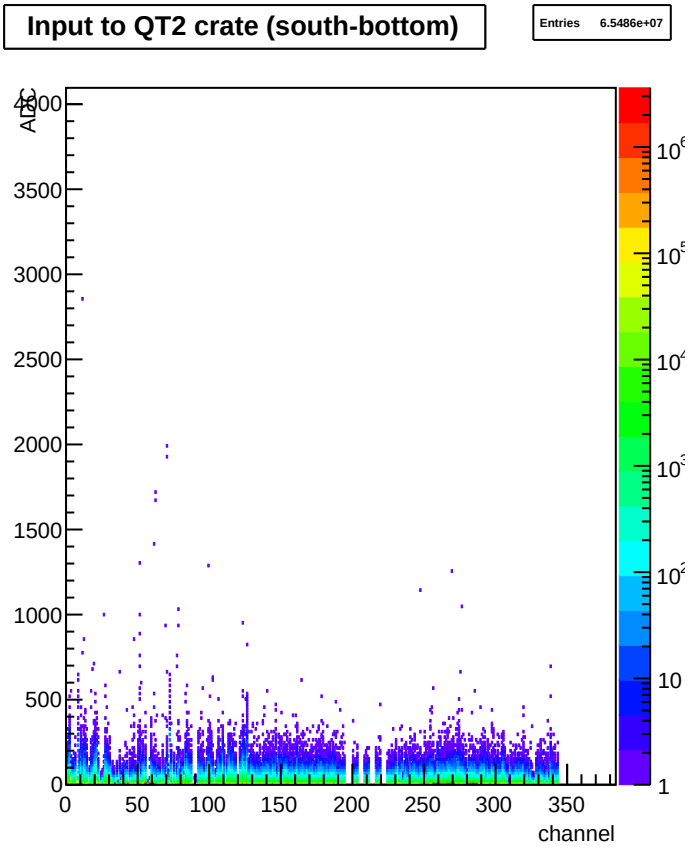

Entries 3628644
ZDC East ADC Sum Att
ZDC West ADC Sum Att

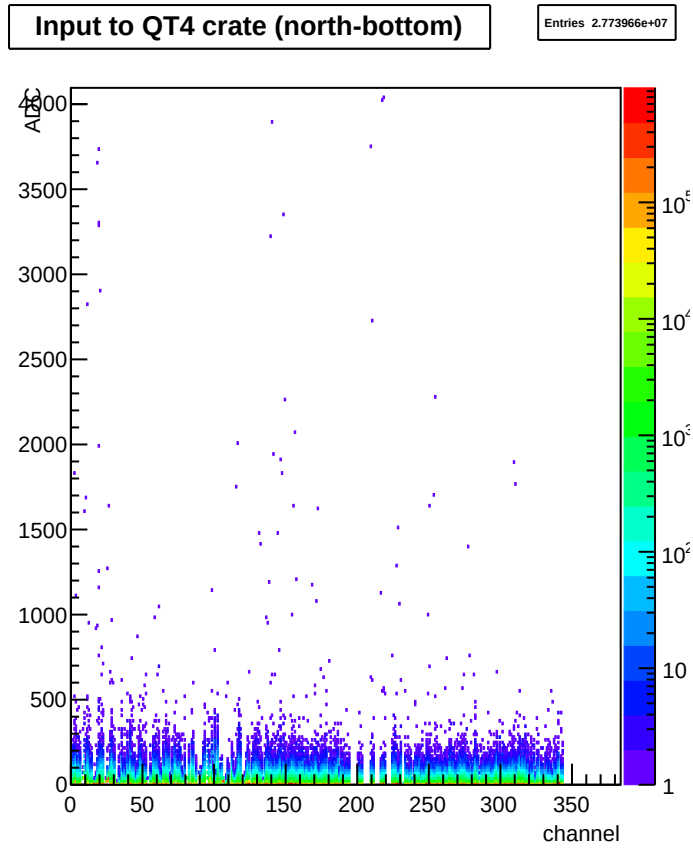

Entries 3628644
VPD East ADC Sum
VPD West ADC Sum

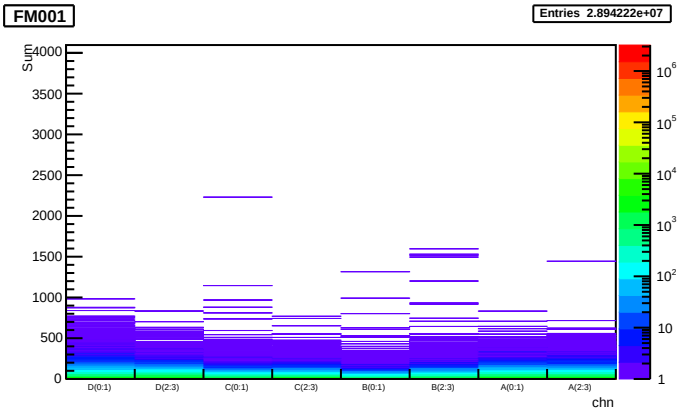

Entries 3628644
BBC-S TAC Diff
ZDC TAC Diff

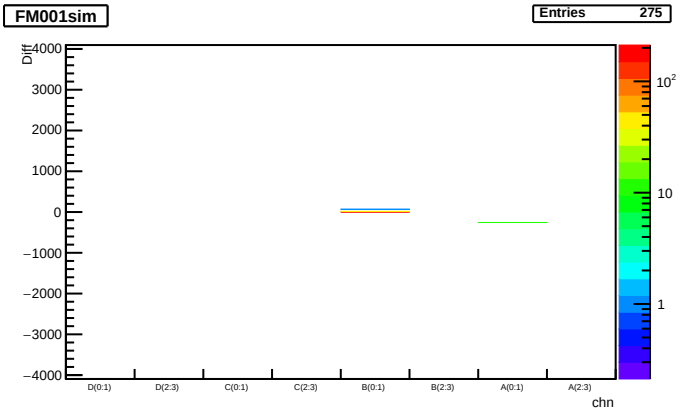

Input to QT1 crate (south-top)
Entries 3.912946e+07
ADC
channel

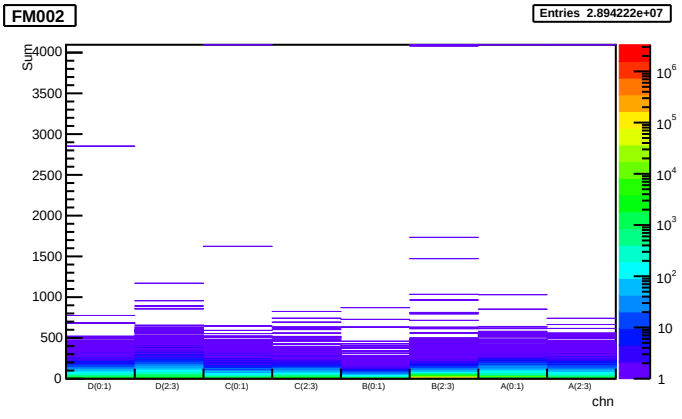

Input to QT3 crate (north-top)
Entries 4.341846e+07
ADC
channel

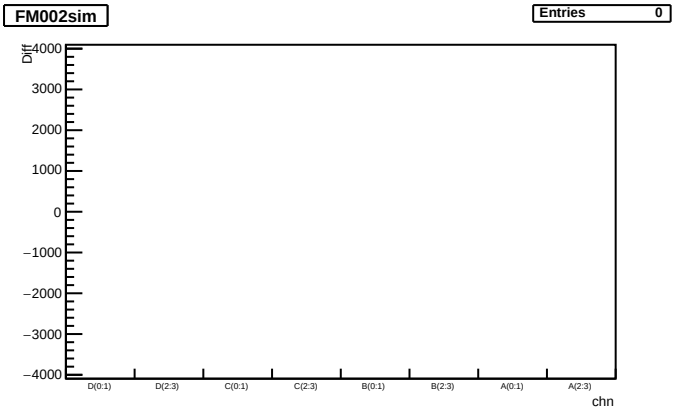

Input to QT2 crate (south-bottom)
Entries 6.5486e+07
ADC
channel

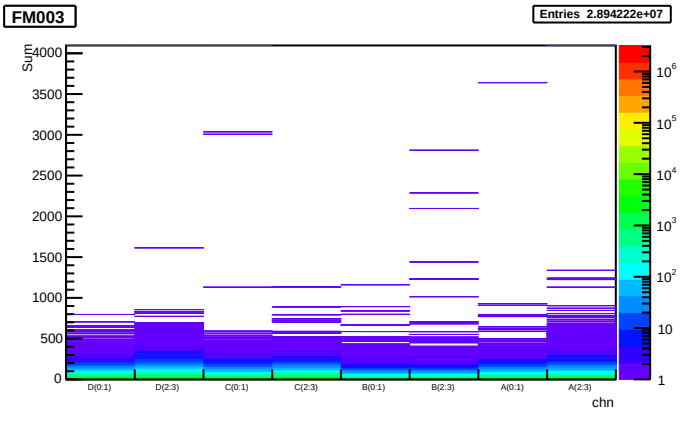

Input to QT4 crate (north-bottom)
Entries 2.773966e+07
ADC
channel

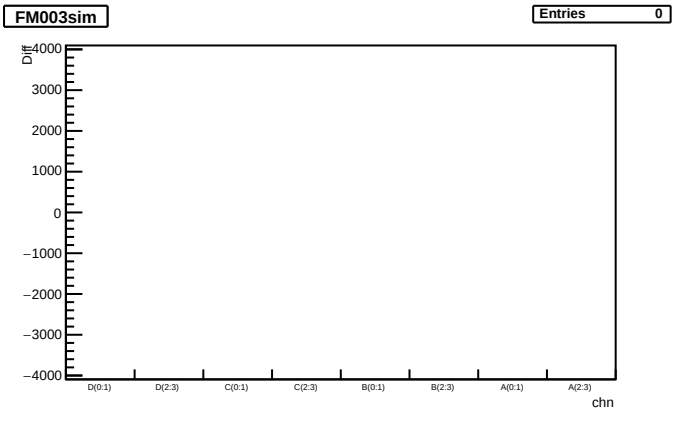

FM001
Entries 2.894222e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

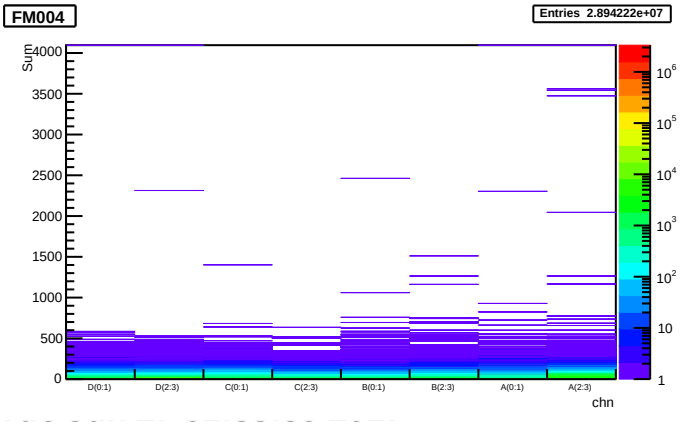

FM001sim
Entries 275
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

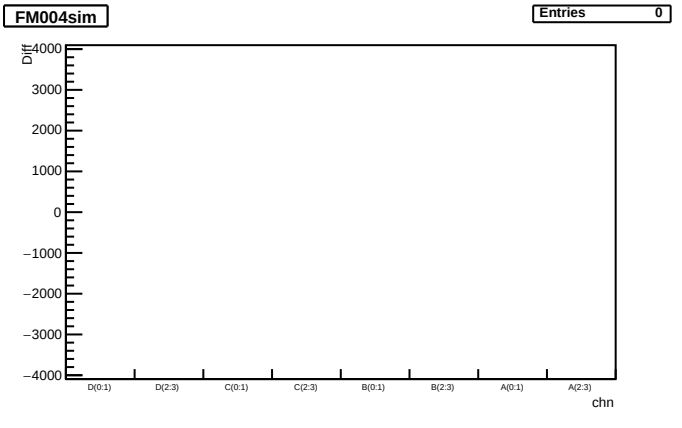

FM002
Entries 2.894222e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

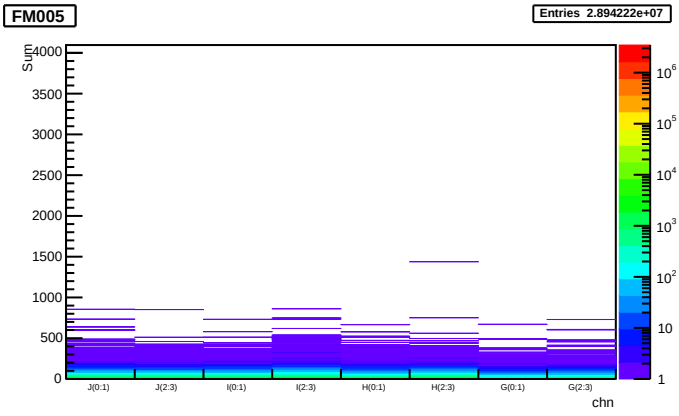

FM002sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

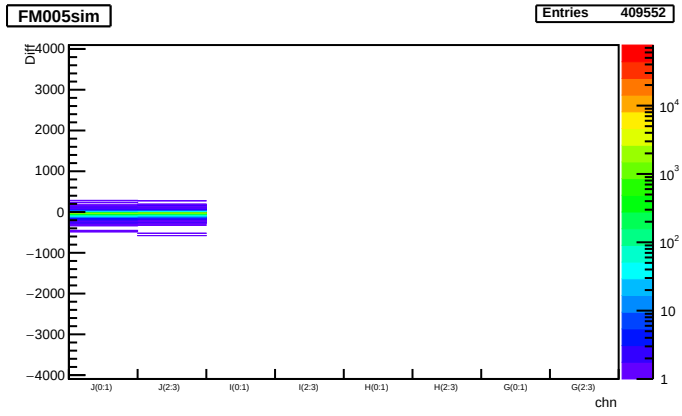

FM003
Entries 2.894222e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

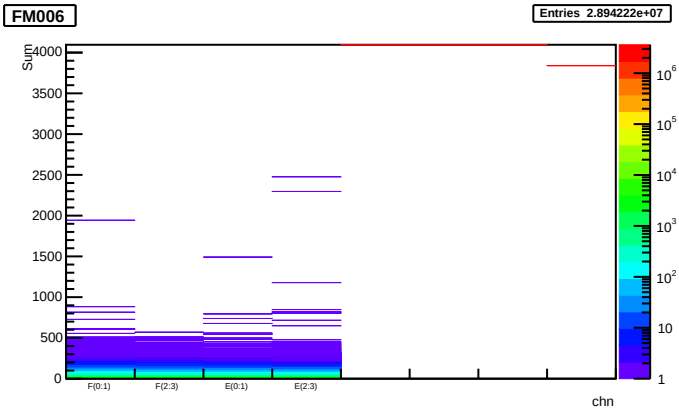

FM003sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

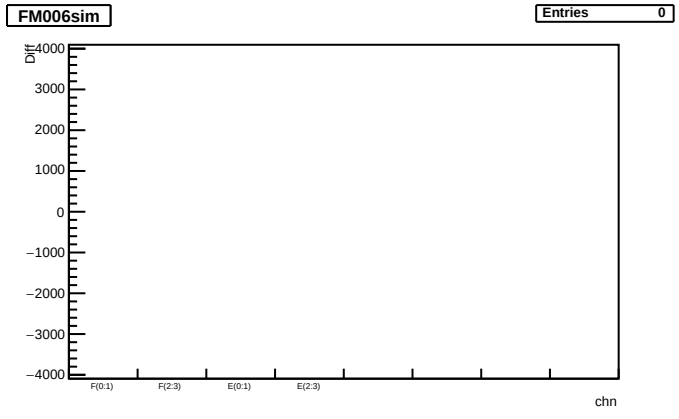

FM004
Entries 2.894222e+07
Sum
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

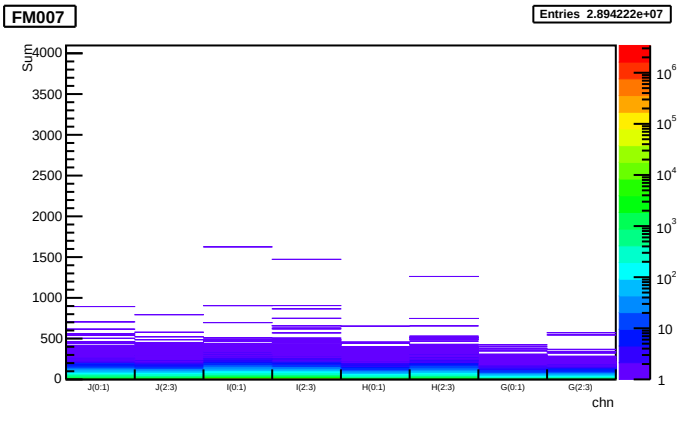

FM004sim
Entries 0
Diff
chn
D(0:1)
D(2:3)
C(0:1)
C(2:3)
B(0:1)
B(2:3)
A(0:1)
A(2:3)

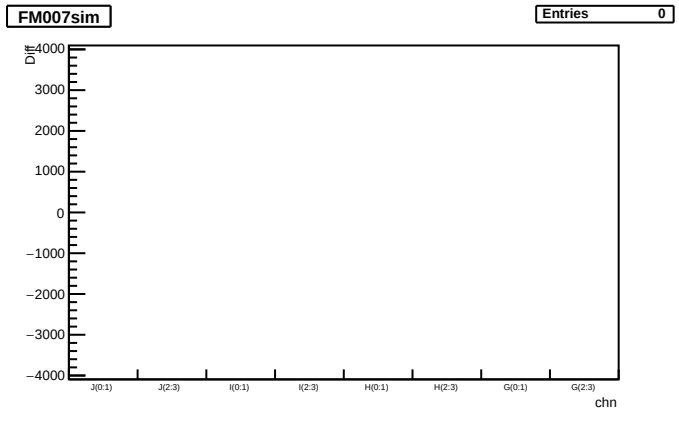

FM005
Entries 2.894222e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

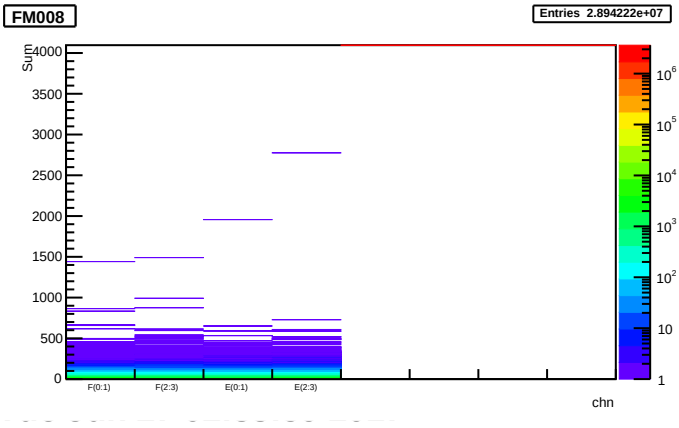

FM005sim
Entries 409552
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

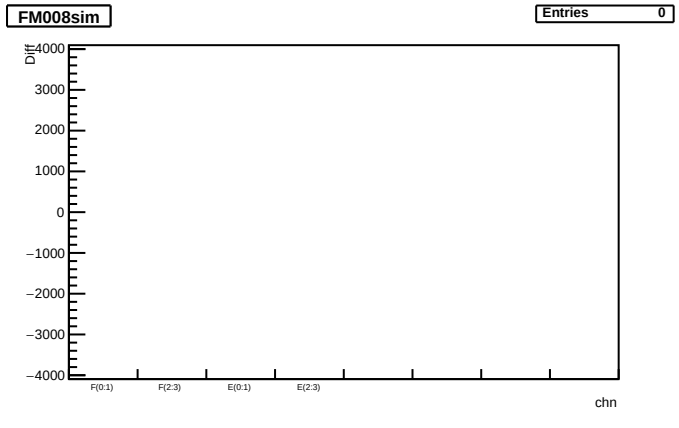

FM006
Entries 2.894222e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

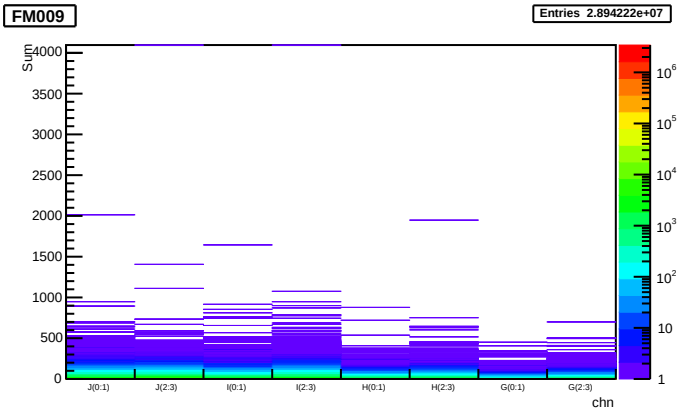

FM006sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

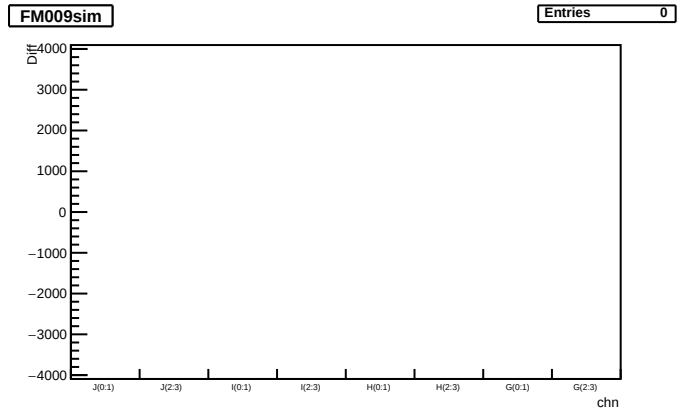

FM007
Entries 2.894222e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

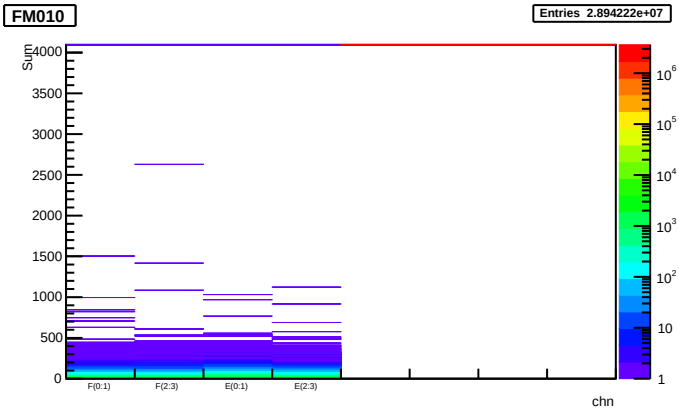

FM007sim
Entries 0
Diff
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

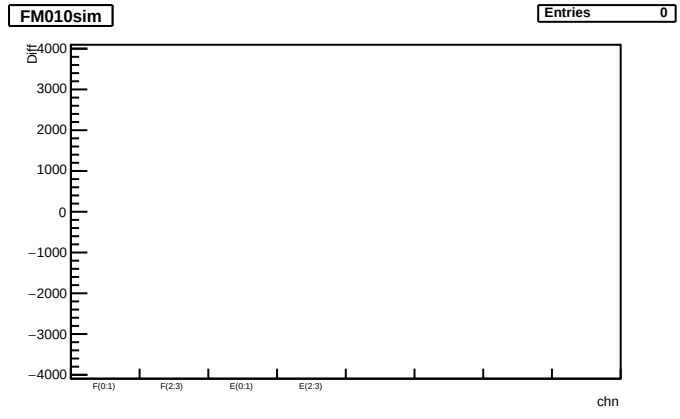

FM008
Entries 2.894222e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

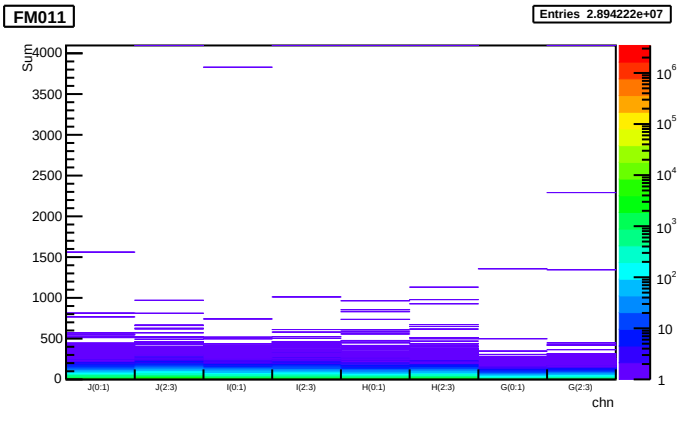

FM008sim
Entries 0
Diff
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

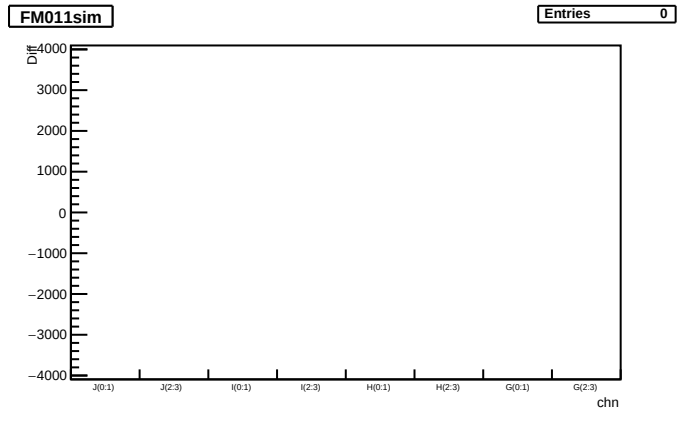

FM009
Entries 2.894222e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

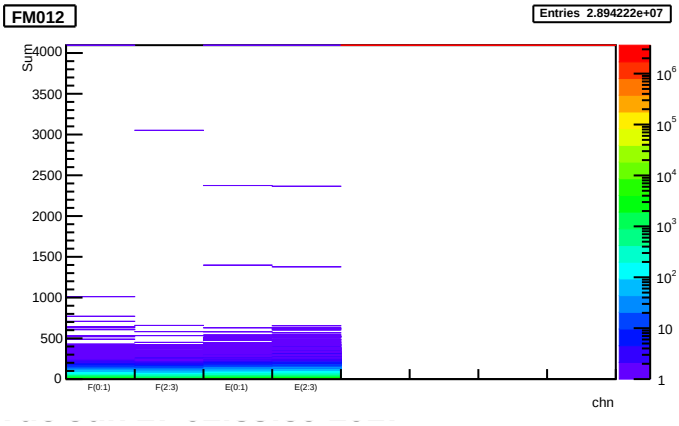

FM009sim
Entries 0
Diff
chn

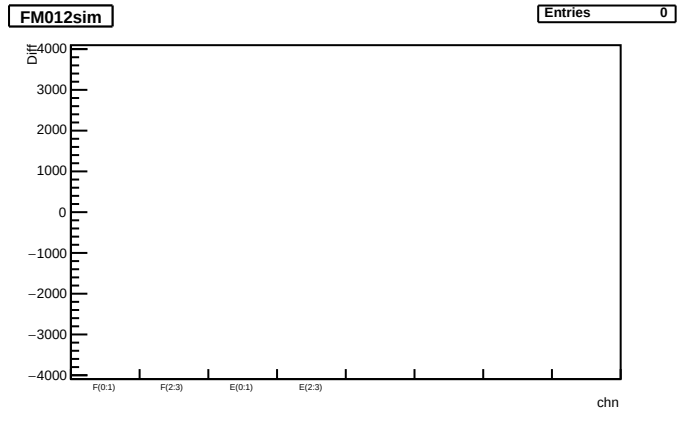

FM010
Entries 2.894222e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

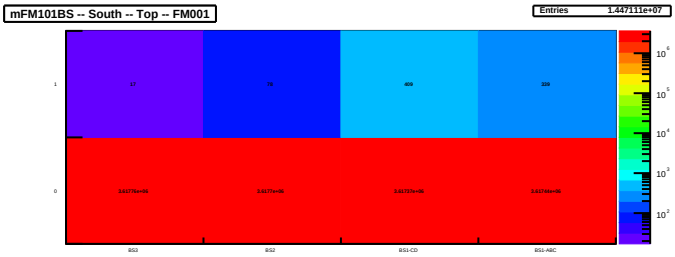

FM010sim
Entries 0
Diff
chn

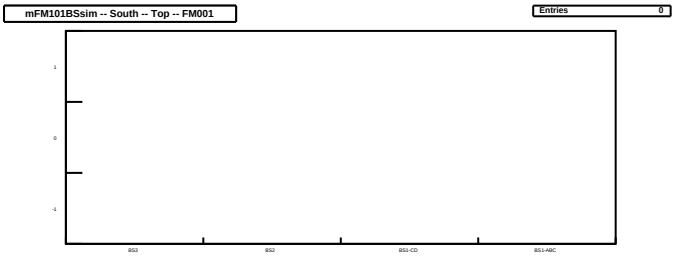

FM011
Entries 2.894222e+07
Sum
chn
J(0:1)
J(2:3)
I(0:1)
I(2:3)
H(0:1)
H(2:3)
G(0:1)
G(2:3)

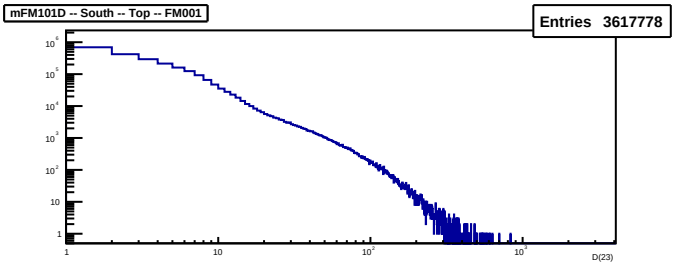

FM011sim
Entries 0
Diff
chn

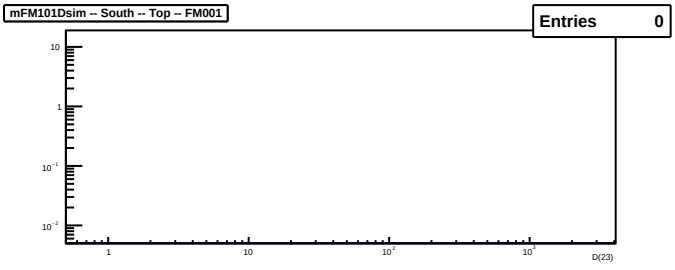

FM012
Entries 2.894222e+07
Sum
chn
F(0:1)
F(2:3)
E(0:1)
E(2:3)

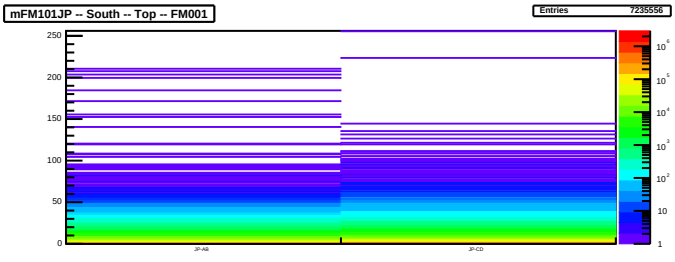

FM012sim
Entries 0
Diff
chn


mFM101BS -- South -- Top -- FM001
Entries 1.447111e+07
17
76
409
329
3.6177e+06
3.6177e+06
3.6172e+06
3.6174e+06
BS3
BS2
BS1-CD
BS1-ABC

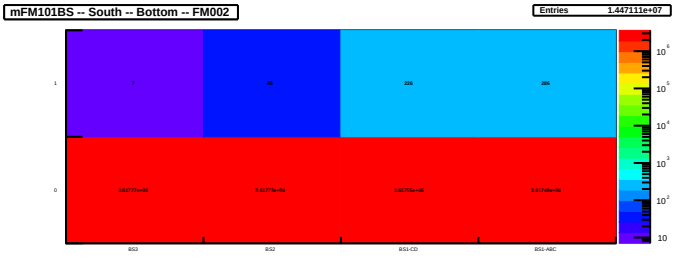

mFM101BSsim -- South -- Top -- FM001
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

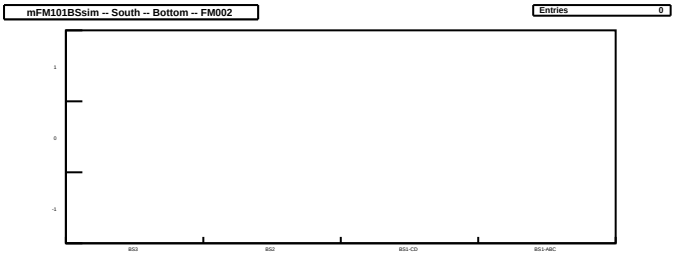

mFM101D -- South -- Top -- FM001
Entries 3617778
D(23)

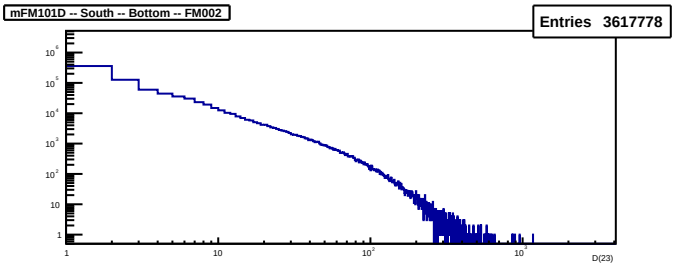

mFM101Dsim -- South -- Top -- FM001
Entries 0
D(23)

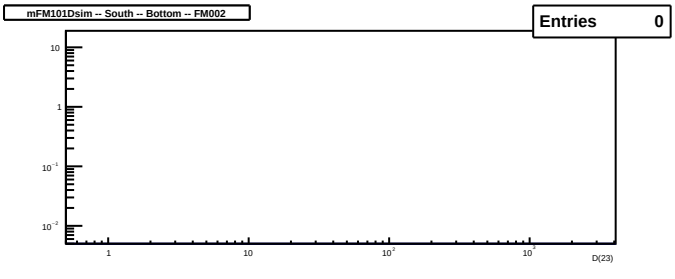

mFM101JP -- South -- Top -- FM001
Entries 7235556
JP-AB
JP-CD

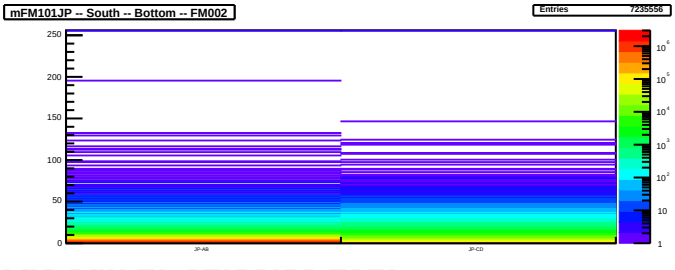
mFM101JPsim -- South -- Top -- FM001
Entries 0
JP-AB
JP-CD

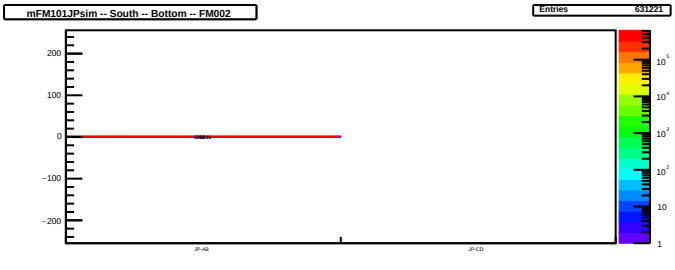

mFM101BS -- South -- Bottom -- FM002
Entries 1.447111e+07
7
46
226
266
3.6177e+06
3.6177e+06
3.6175e+06
3.6178e+06
BS3
BS2
BS1-CD
BS1-ABC

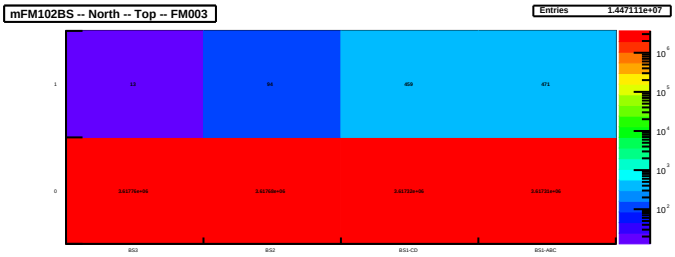

mFM101BSsim -- South -- Bottom -- FM002
Entries 0
BS3
BS2
BS1-CD
BS1-ABC


mFM101D -- South -- Bottom -- FM002
Entries 3617778
D(23)

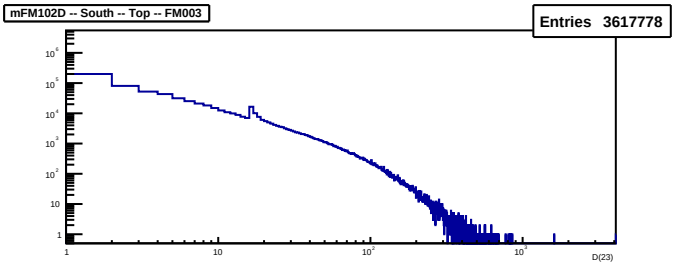

mFM101Dsim -- South -- Bottom -- FM002
Entries 0
D(23)

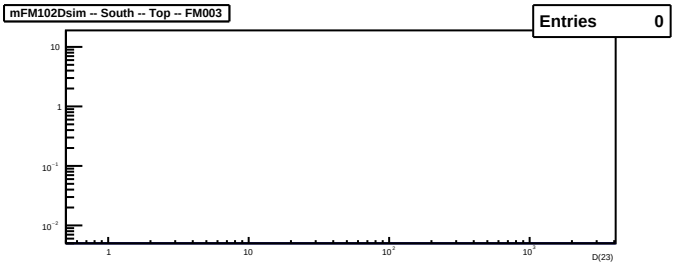

mFM101JP -- South -- Bottom -- FM002
Entries 7235556
JP-AB
JP-CD

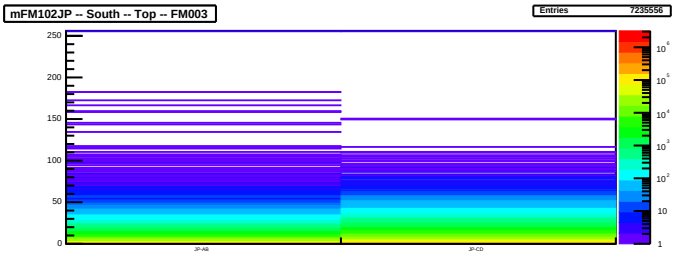

mFM101JPsim -- South -- Bottom -- FM002
Entries 631221
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.447111e+07
BS3
BS2
BS1-CD
BS1-ABC

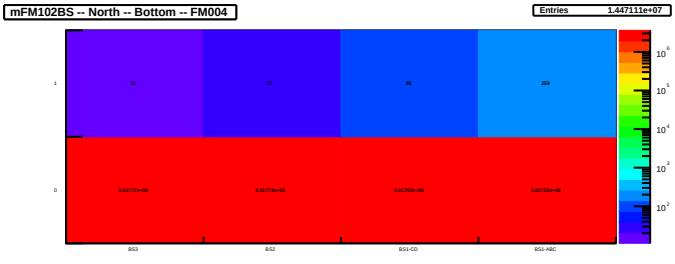
mFM102BSsim -- North -- Top -- FM003
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

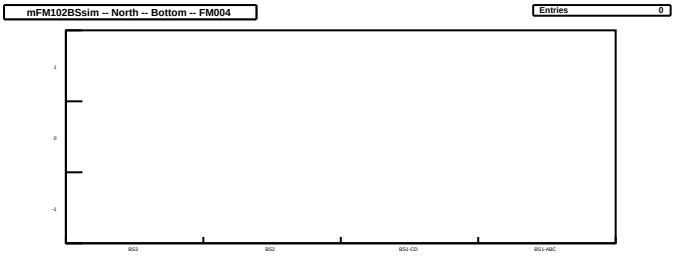

mFM102D -- South -- Top -- FM003
Entries 3617778
D(23)

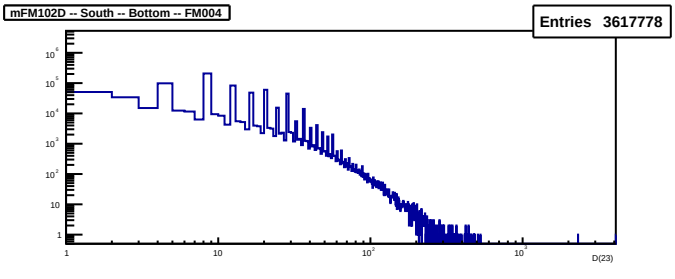

mFM102Dsim -- South -- Top -- FM003
Entries 0
D(23)

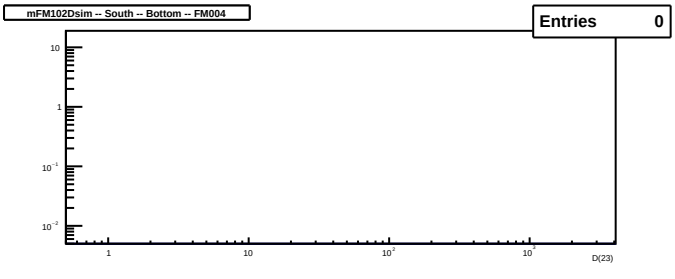

mFM102JP -- South -- Top -- FM003
Entries 7235556
JP-AB
JP-CD

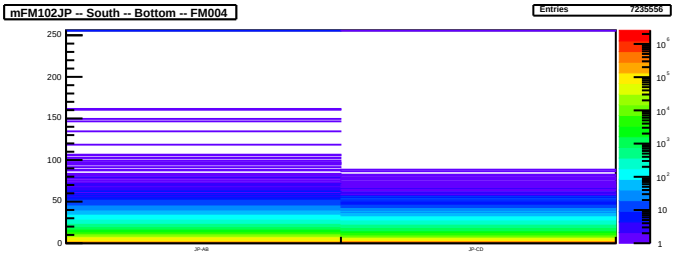
mFM102JPsim -- South -- Top -- FM003
Entries 0
JP-AB
JP-CD

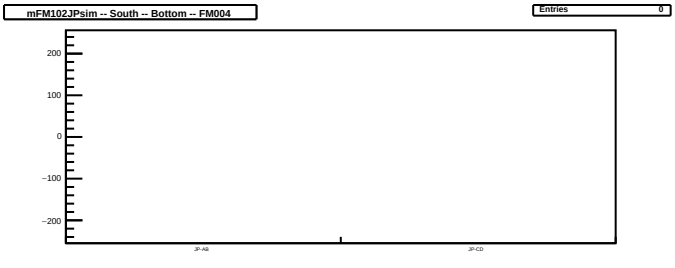

mFM102BS -- North -- Bottom -- FM004
Entries 1.447111e+07
BS3
BS2
BS1-CD
BS1-ABC

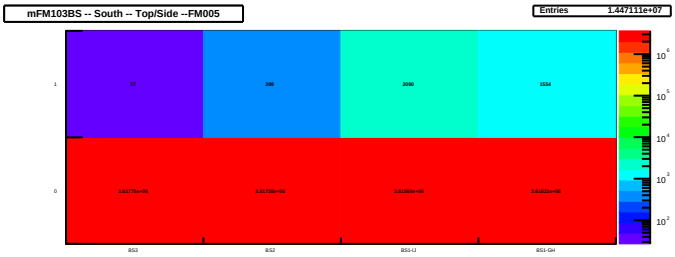

mFM102BSsim -- North -- Bottom -- FM004
Entries 0
BS3
BS2
BS1-CD
BS1-ABC

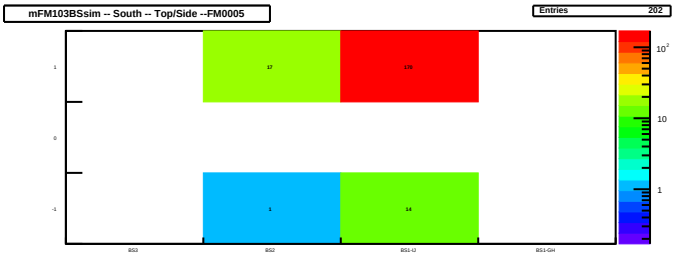

mFM102D -- South -- Bottom -- FM004
Entries 3617778
D(23)

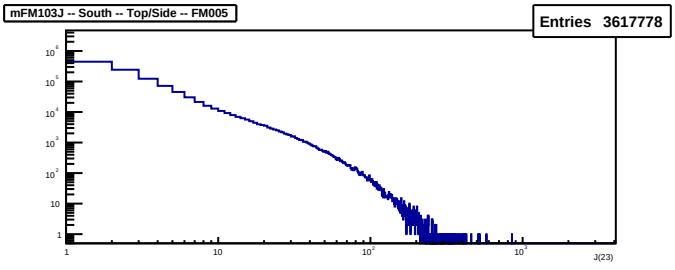

mFM102Dsim -- South -- Bottom -- FM004
Entries 0
D(23)

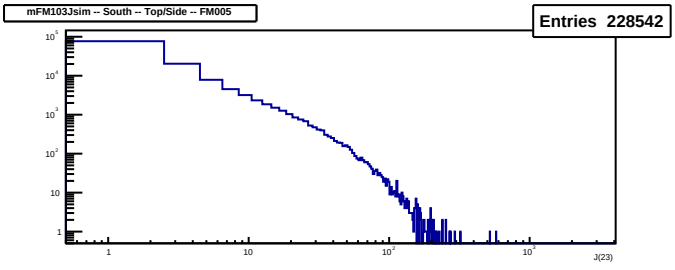

mFM102JP -- South -- Bottom -- FM004
Entries 7235556
JP-AB
JP-CD

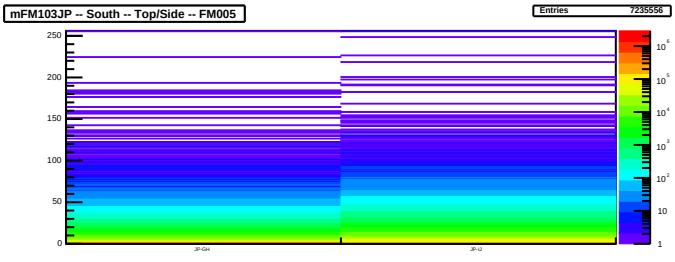

mFM102JPsim -- South -- Bottom -- FM004
Entries 0
JP-AB
JP-CD

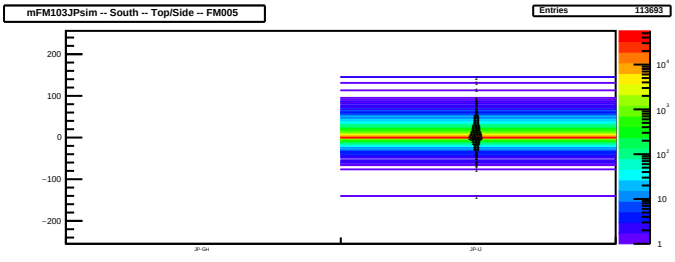

mFM103BS -- South -- Top/Side --FM005
Entries 1.447111e+07

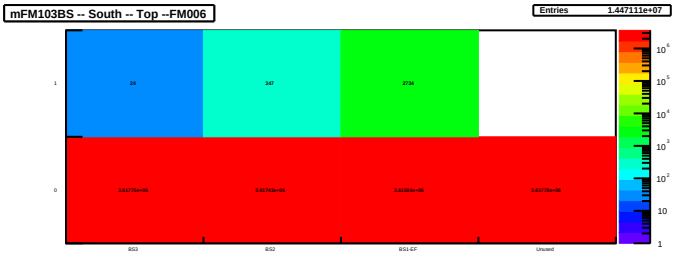

mFM103BSsim -- South -- Top/Side --FM0005
Entries 202

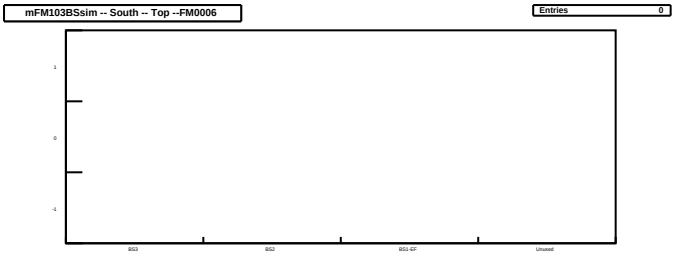

mFM103J -- South -- Top/Side -- FM005
Entries 3617778
J(23)

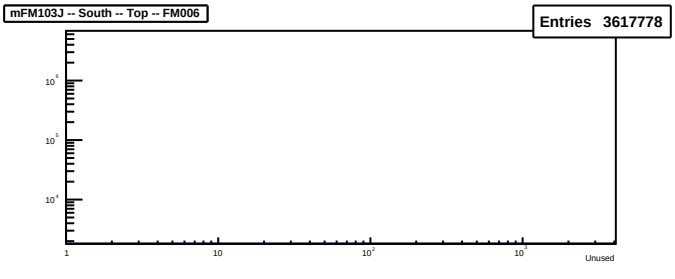

mFM103Jsim -- South -- Top/Side -- FM005
Entries 228542
J(23)

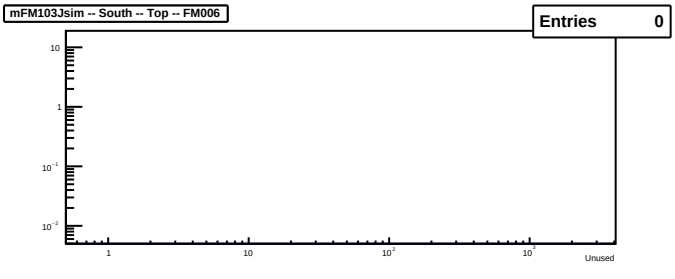

mFM103JP -- South -- Top/Side -- FM005
Entries 7235556

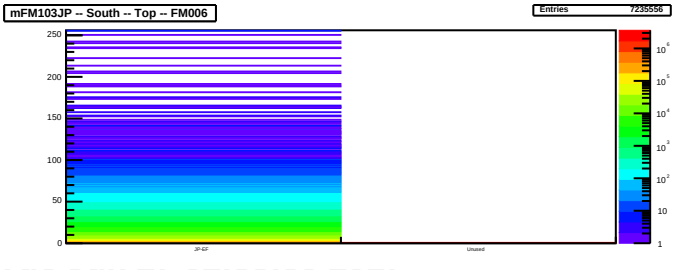

mFM103JPsim -- South -- Top/Side -- FM005
Entries 113693

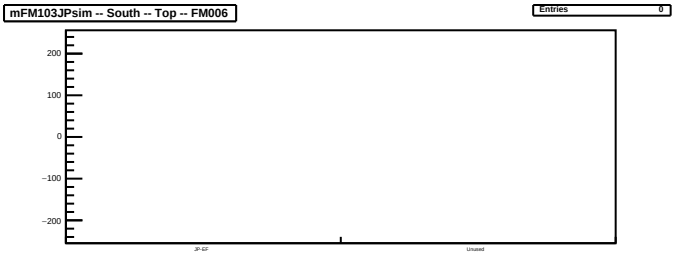

mFM103BS -- South -- Top --FM006
Entries 1.447111e+07

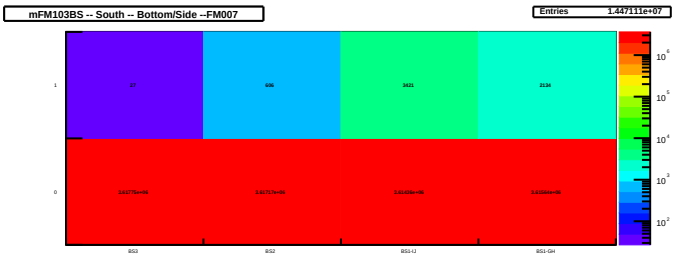

mFM103BSsim -- South -- Top --FM0006
Entries 0

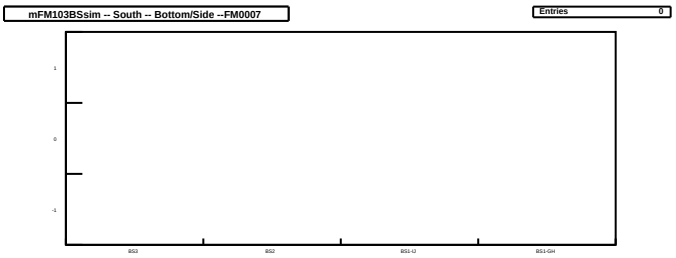

mFM103J -- South -- Top -- FM006
Entries 3617778
Unused

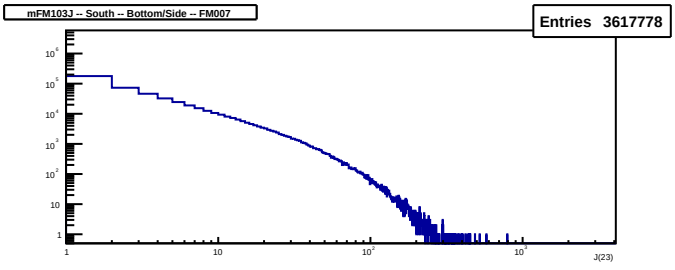

mFM103Jsim -- South -- Top -- FM006
Entries 0
Unused

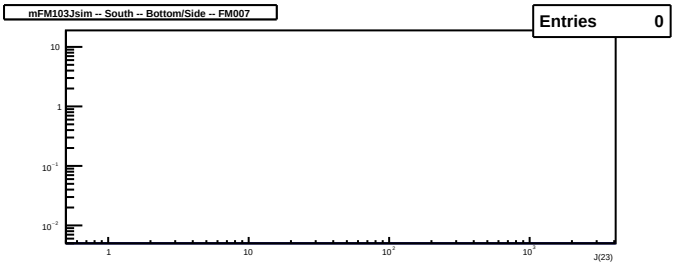

mFM103JP -- South -- Top -- FM006
Entries 7235556

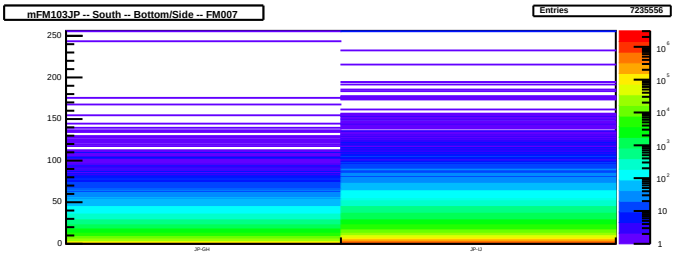

mFM103JPsim -- South -- Top -- FM006
Entries 0

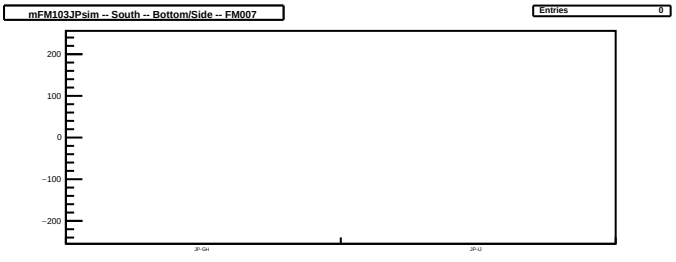

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.447111e+07
27
506
3421
2134
3.61775e+06
3.61717e+06
3.61436e+06
3.61664e+06
BS3
BS2
BS1-IJ
BS1-GH

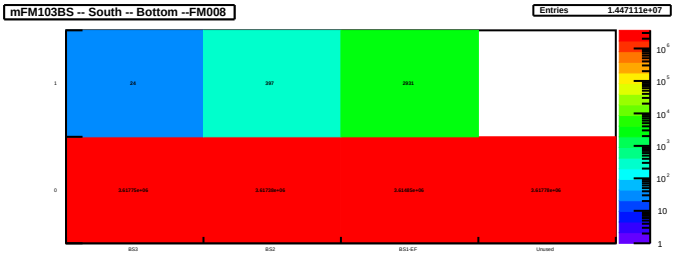

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 0
BS3
BS2
BS1-IJ
BS1-GH

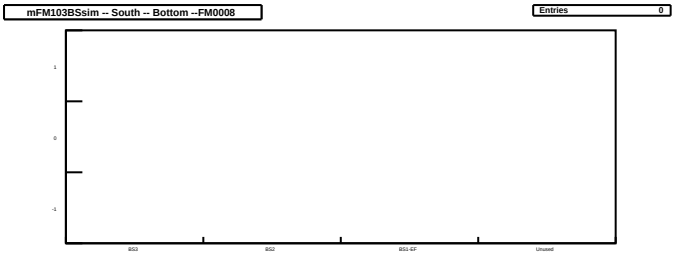

mFM103J -- South -- Bottom/Side -- FM007
Entries 3617778
J(23)

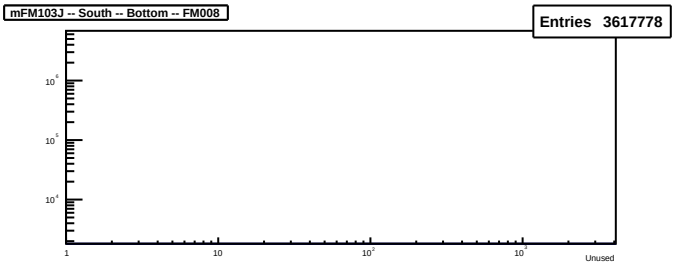

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 0
J(23)

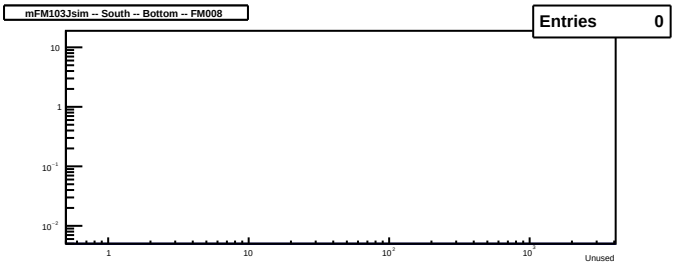

mFM103JP -- South -- Bottom/Side -- FM007
Entries 7235556
JP-GH
JP-IJ

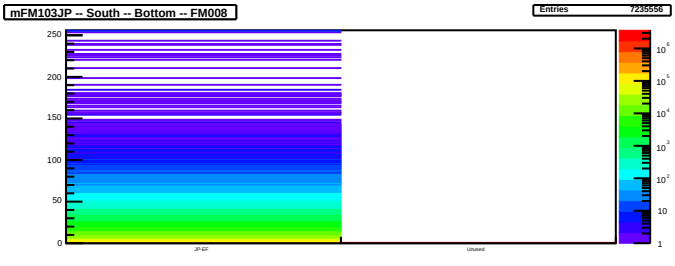

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 0
JP-GH
JP-IJ

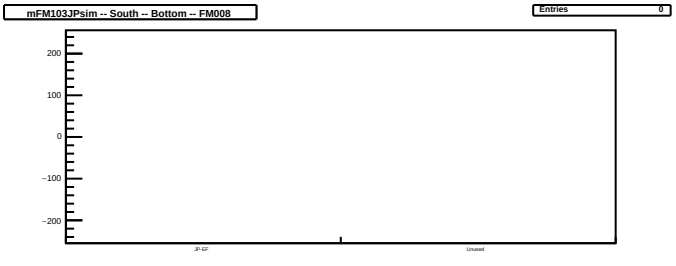

mFM103BS -- South -- Bottom --FM008
Entries 1.447111e+07
24
397
2931
3.61775e+06
3.61738e+06
3.61485e+06
3.61778e+06
BS3
BS2
BS1-EF
Unused

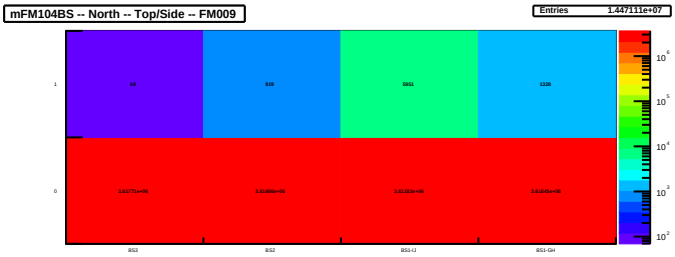

mFM103BSsim -- South -- Bottom --FM0008
Entries 0
BS3
BS2
BS1-EF
Unused

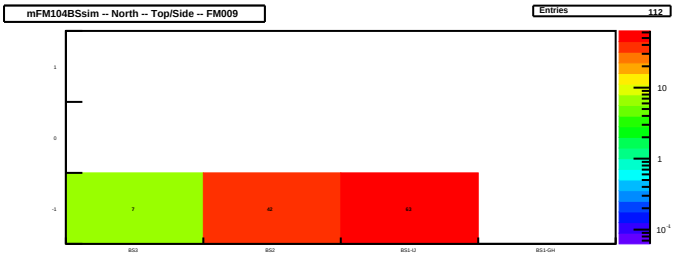

mFM103J -- South -- Bottom -- FM008
Entries 3617778
Unused

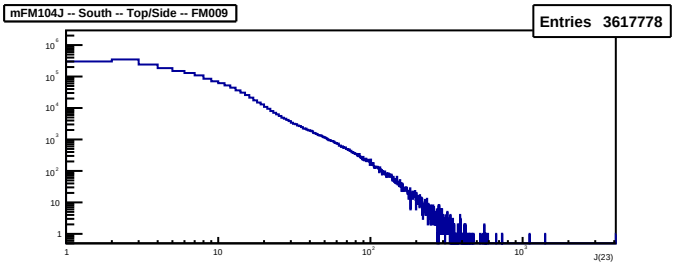

mFM103Jsim -- South -- Bottom -- FM008
Entries 0
Unused

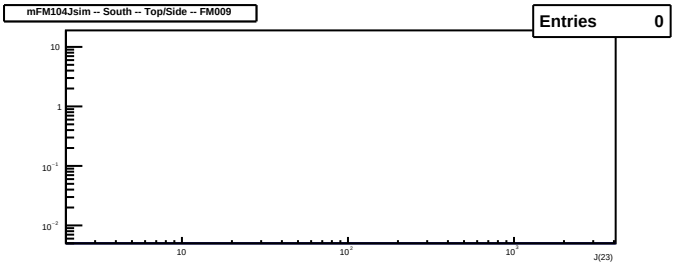

mFM103JP -- South -- Bottom -- FM008
Entries 7235556
JP-EF
Unused

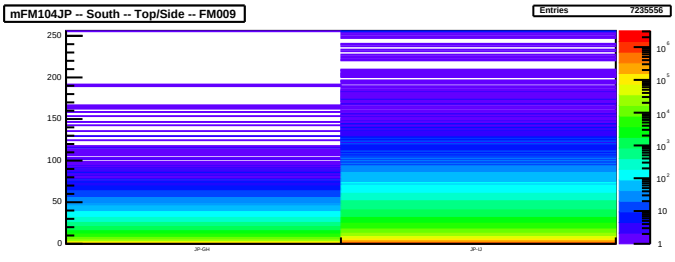

mFM103JPsim -- South -- Bottom -- FM008
Entries 0
JP-EF
Unused

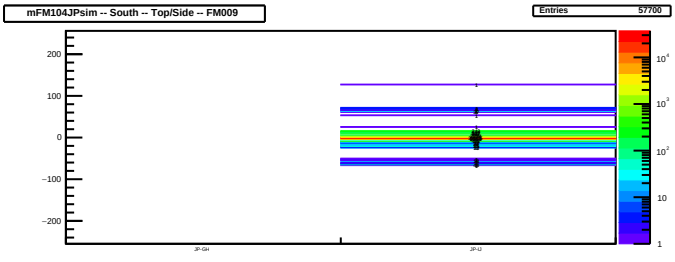

mFM104BS -- North -- Top/Side -- FM009
Entries 1.447111e+07

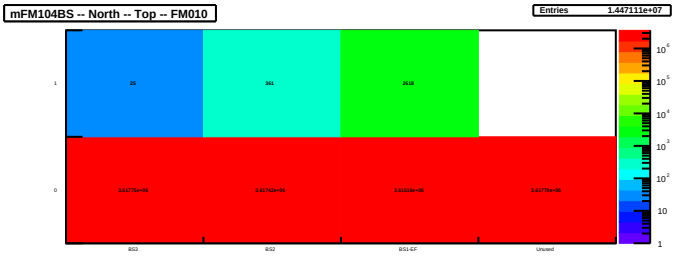

mFM104BSsim -- North -- Top/Side -- FM009
Entries 112

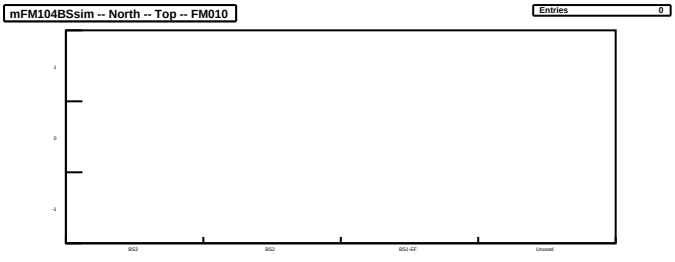

mFM104J -- South -- Top/Side -- FM009
Entries 3617778
J(23)

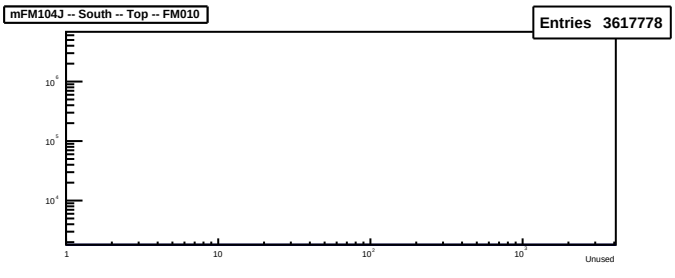

mFM104Jsim -- South -- Top/Side -- FM009
Entries 0
J(23)

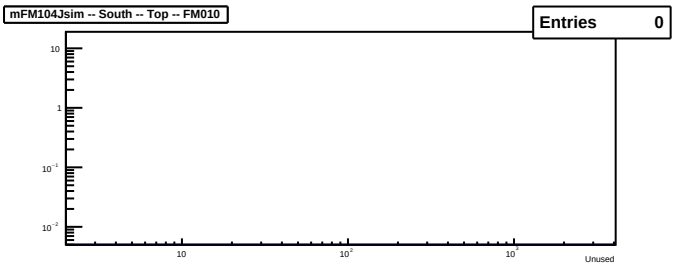

mFM104JP -- South -- Top/Side -- FM009
Entries 7235556

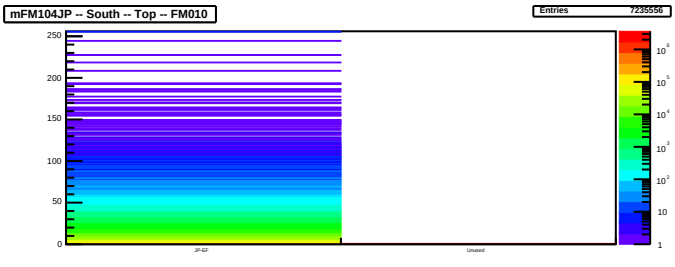

mFM104JPsim -- South -- Top/Side -- FM009
Entries 57700


mFM104BS -- North -- Top -- FM010
Entries 1.447111e+07

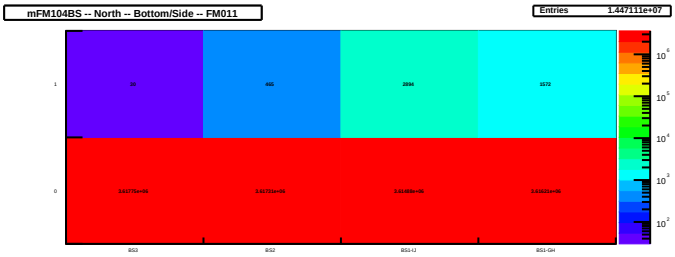

mFM104BSsim -- North -- Top -- FM010
Entries 0

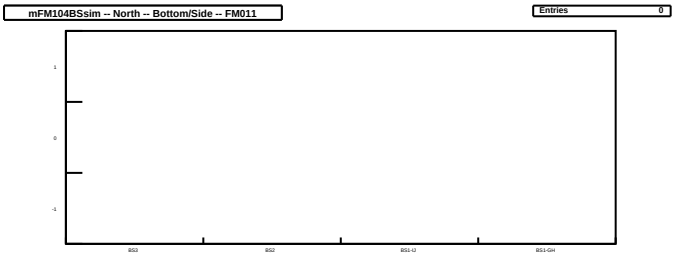

mFM104J -- South -- Top -- FM010
Entries 3617778
Unused

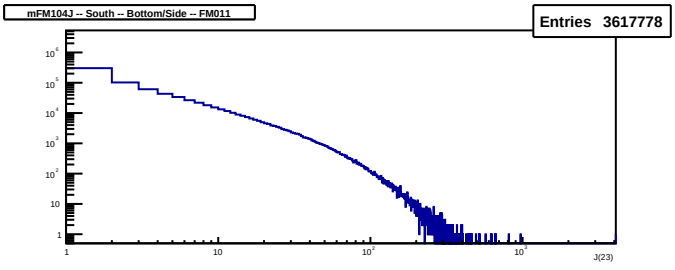

mFM104Jsim -- South -- Top -- FM010
Entries 0
Unused

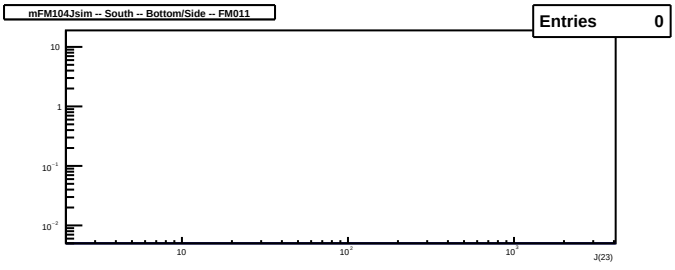

mFM104JP -- South -- Top -- FM010
Entries 7235556

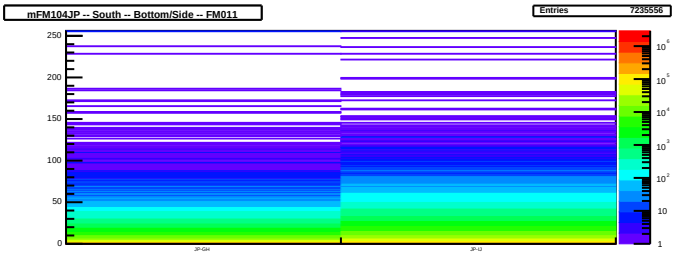
mFM104JPsim -- South -- Top -- FM010
Entries 0

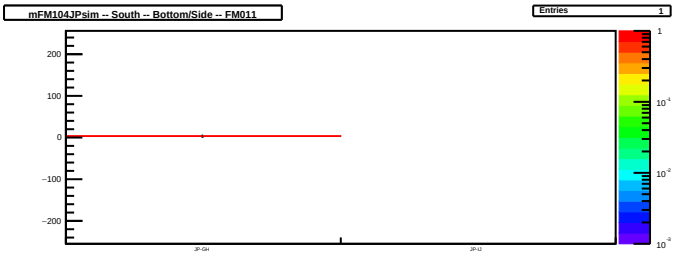

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.447111e+07
BS3
BS2
BS1-IJ
BS1-GH

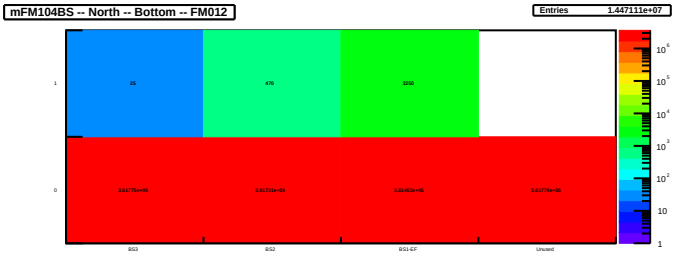

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 0
BS3
BS2
BS1-IJ
BS1-GH

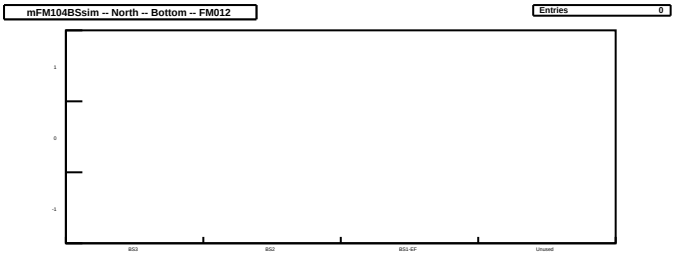

mFM104J -- South -- Bottom/Side -- FM011
Entries 3617778
J(23)

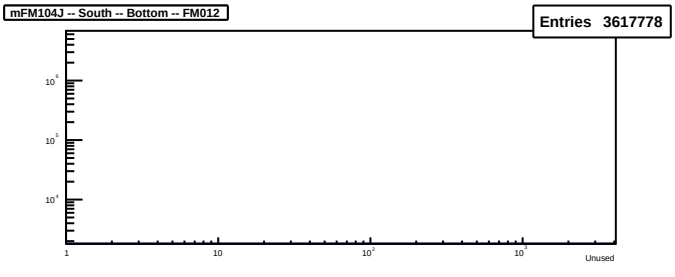

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 0
J(23)

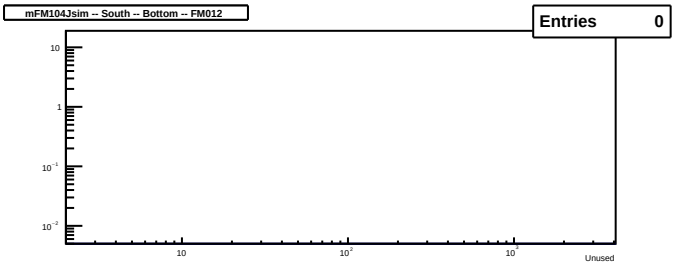

mFM104JP -- South -- Bottom/Side -- FM011
Entries 7235556
JP-GH
JP-IJ

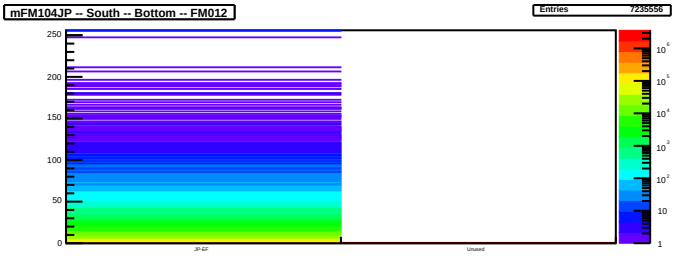

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1
JP-GH
JP-IJ


mFM104BS -- North -- Bottom -- FM012
Entries 1.447111e+07
BS3
BS2
BS1-EF
Unused

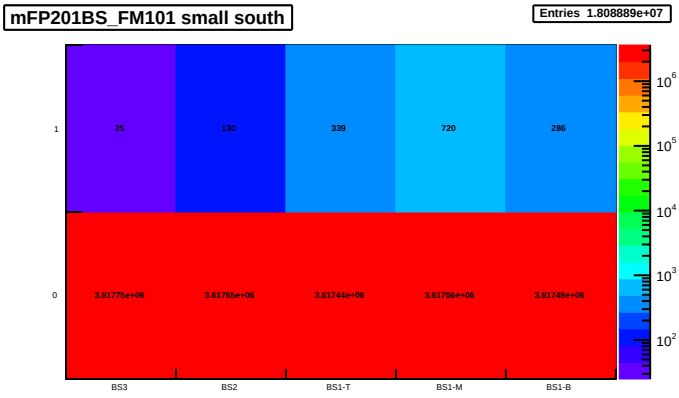

mFM104BSsim -- North -- Bottom -- FM012
Entries 0
BS3
BS2
BS1-EF
Unused

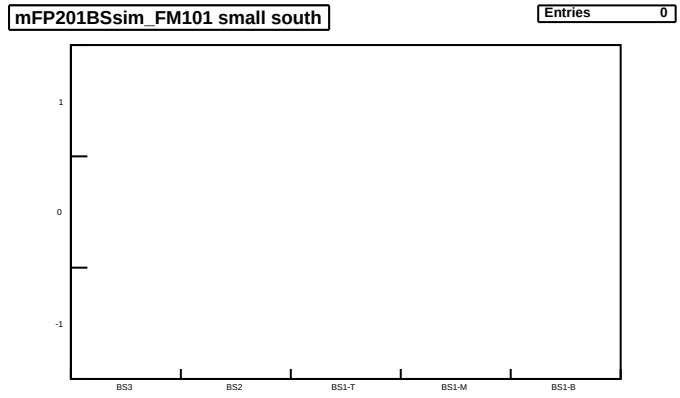

mFM104J -- South -- Bottom -- FM012
Entries 3617778
Unused

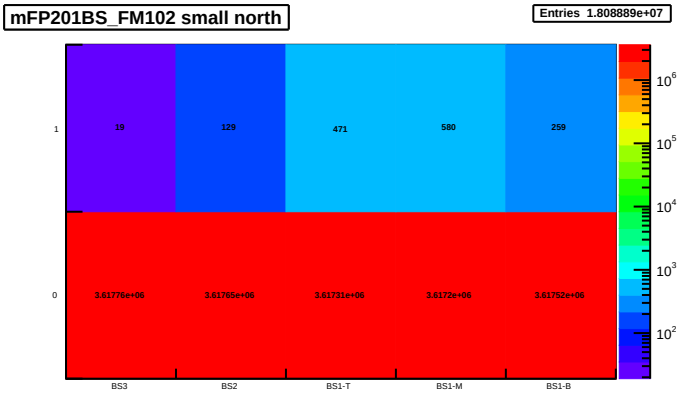

mFM104Jsim -- South -- Bottom -- FM012
Entries 0
Unused

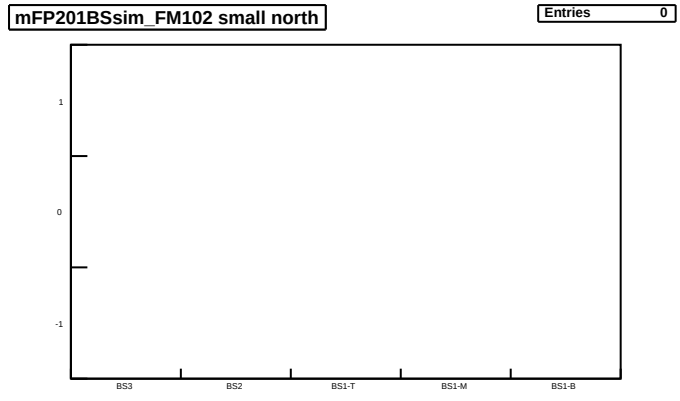

mFM104JP -- South -- Bottom -- FM012
Entries 7235556
JP-EF
Unused

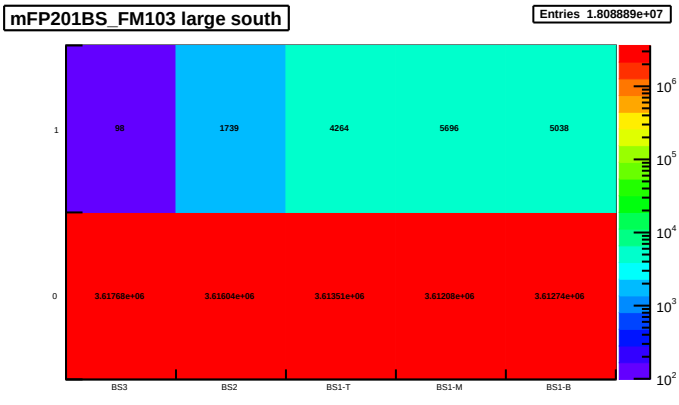
mFM104JPsim -- South -- Bottom -- FM012
Entries 0
JP-EF
Unused

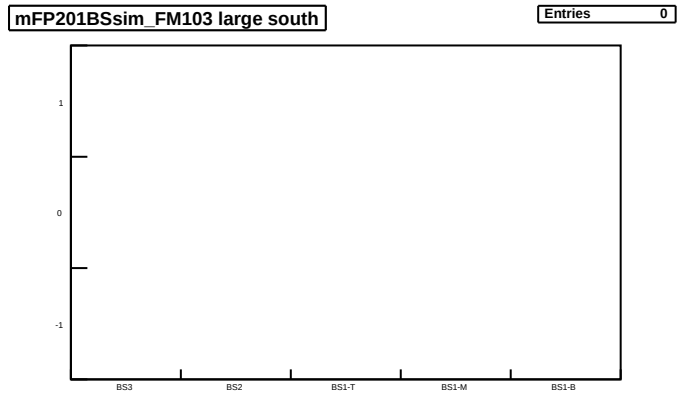

mFP201BS_FM101 small south
Entries 1.808889e+07
25
130
339
720
286
3.61775e+06
3.61765e+06
3.61744e+06
3.61706e+06
3.61749e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

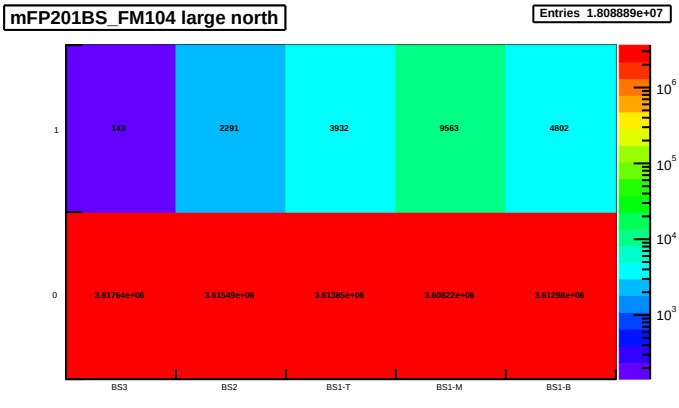

mFP201BSsim_FM101 small south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

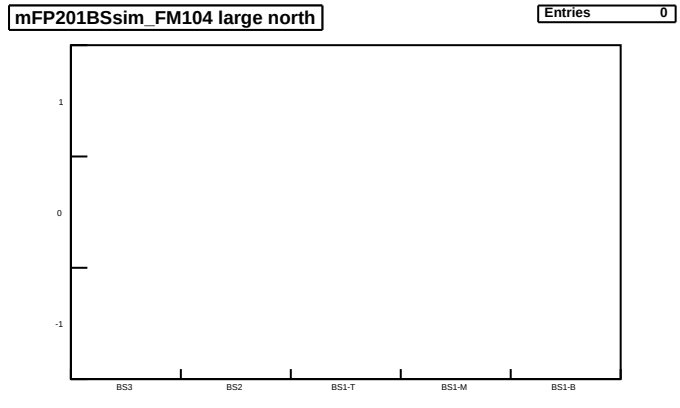

mFP201BS_FM102 small north
Entries 1.808889e+07
19
129
471
580
259
3.61776e+06
3.61765e+06
3.61731e+06
3.6172e+06
3.61752e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

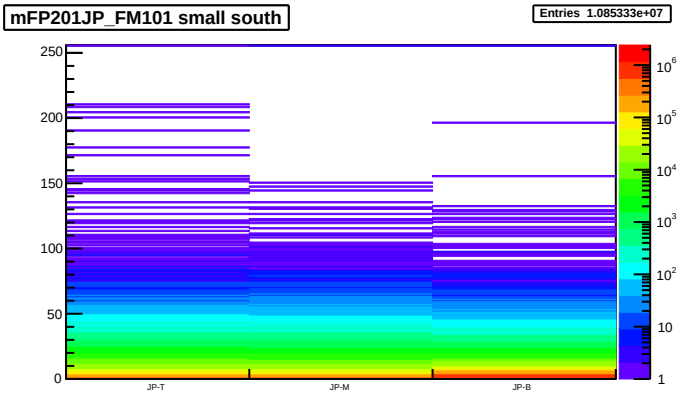

mFP201BSsim_FM102 small north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

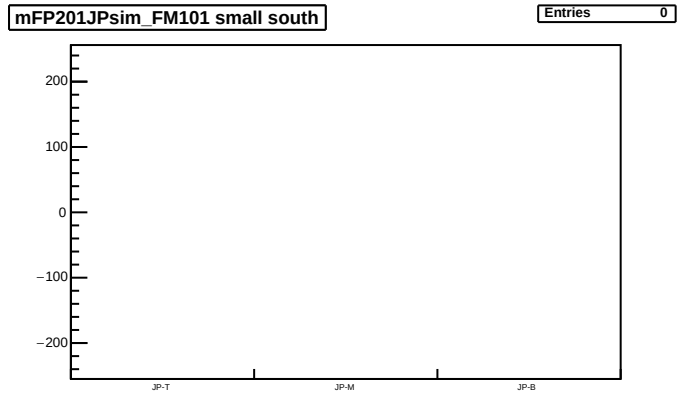

mFP201BS_FM103 large south
Entries 1.808889e+07
98
1739
4264
5696
5038
3.61768e+06
3.61604e+06
3.61351e+06
3.61208e+06
3.61274e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

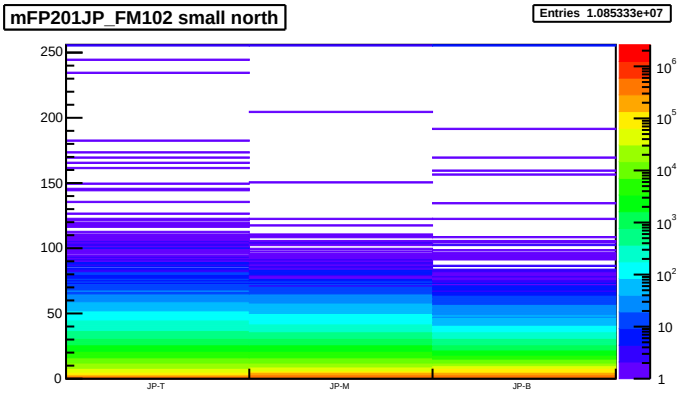

mFP201BSsim_FM103 large south
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

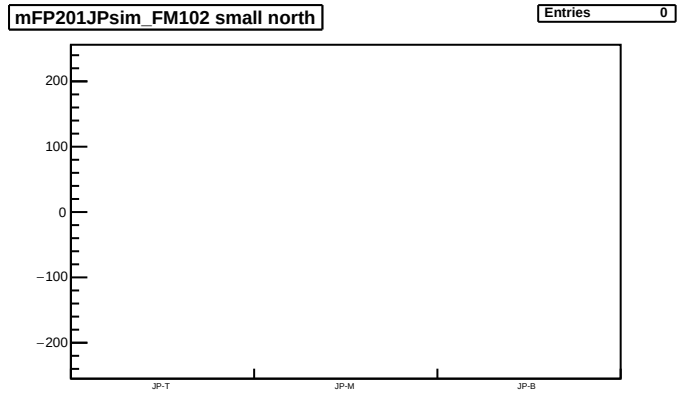

mFP201BS_FM104 large north
Entries 1.808889e+07
143
2291
3932
9563
4802
3.61764e+06
3.61549e+06
3.61385e+06
3.60822e+06
3.61298e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

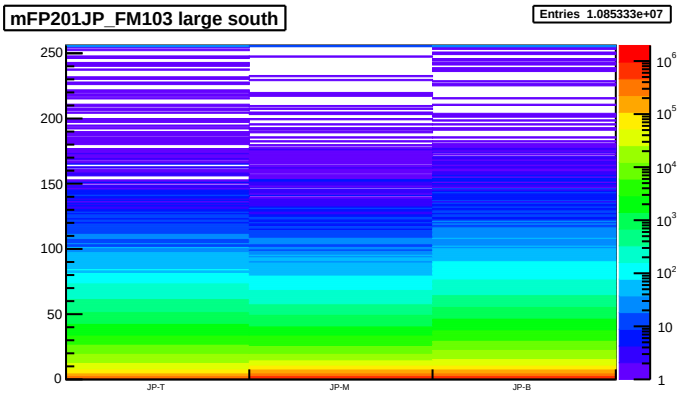

mFP201BSsim_FM104 large north
Entries 0
BS3
BS2
BS1-T
BS1-M
BS1-B

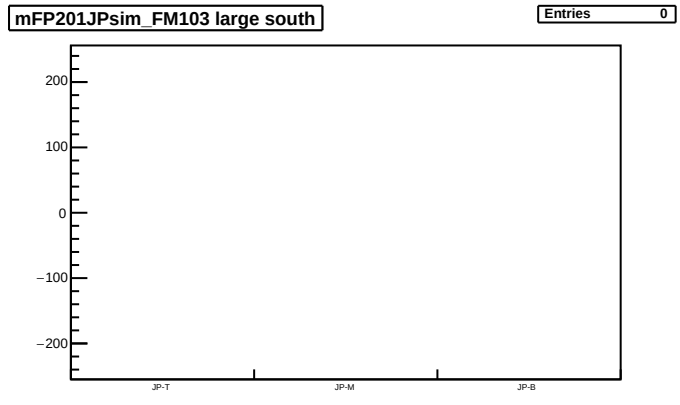

mFP201JP_FM101 small south
Entries 1.085333e+07
JP-T
JP-M
JP-B

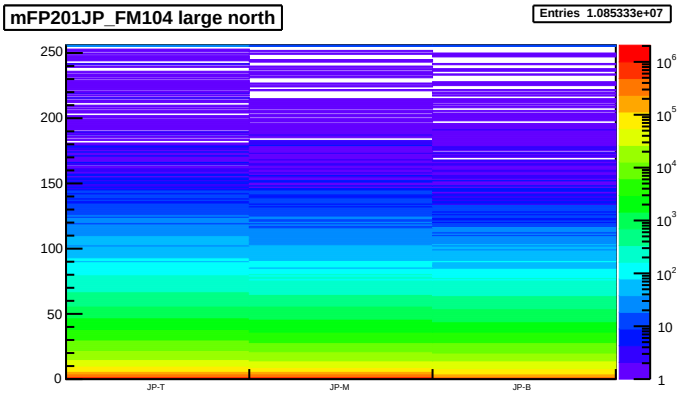

mFP201JPsim_FM101 small south
Entries 0
JP-T
JP-M
JP-B

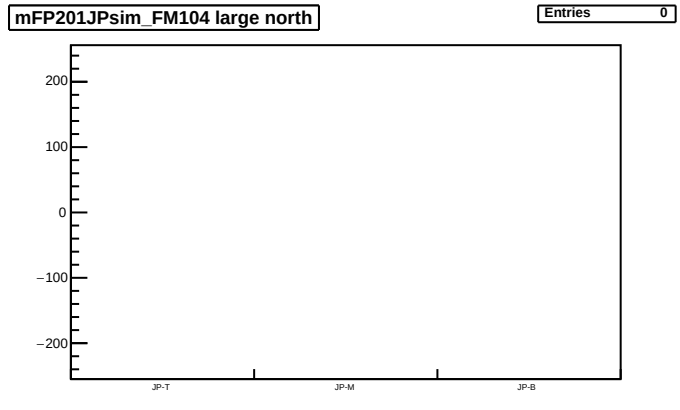

mFP201JP_FM102 small north
Entries 1.085333e+07
JP-T
JP-M
JP-B

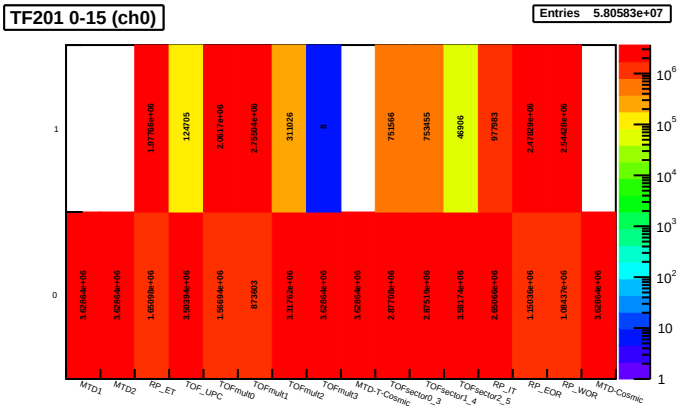

mFP201JPsim_FM102 small north
Entries 0
JP-T
JP-M
JP-B

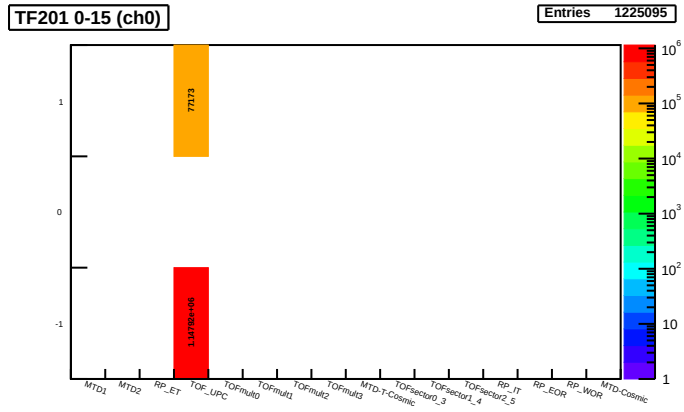

mFP201JP_FM103 large south
Entries 1.085333e+07
JP-T
JP-M
JP-B

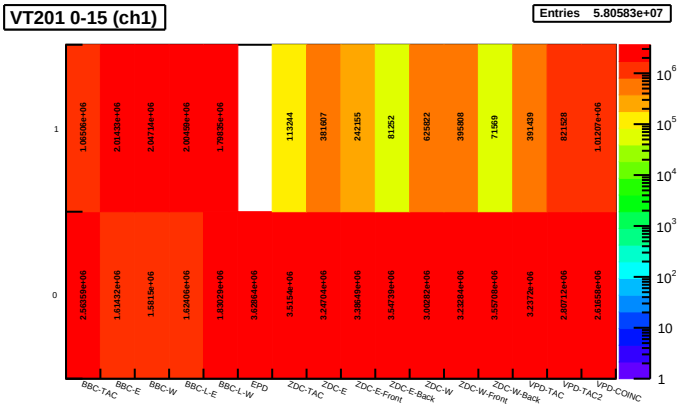

mFP201JPsim_FM103 large south
Entries 0
JP-T
JP-M
JP-B

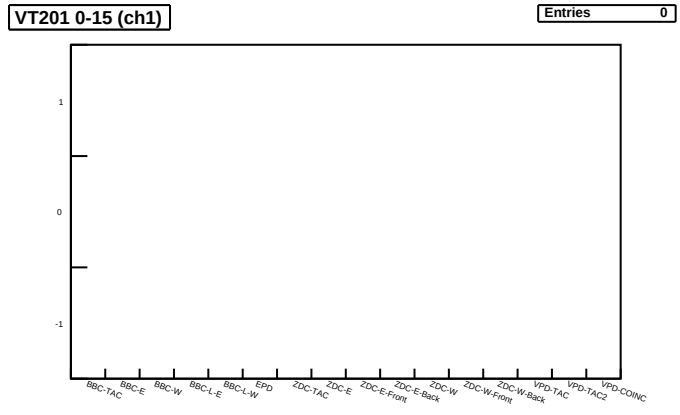

mFP201JP_FM104 large north
Entries 1.085333e+07
JP-T
JP-M
JP-B

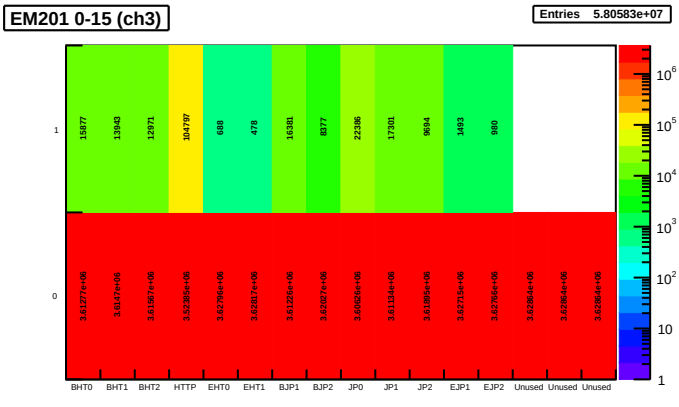

mFP201JPsim_FM104 large north
Entries 0
JP-T
JP-M
JP-B

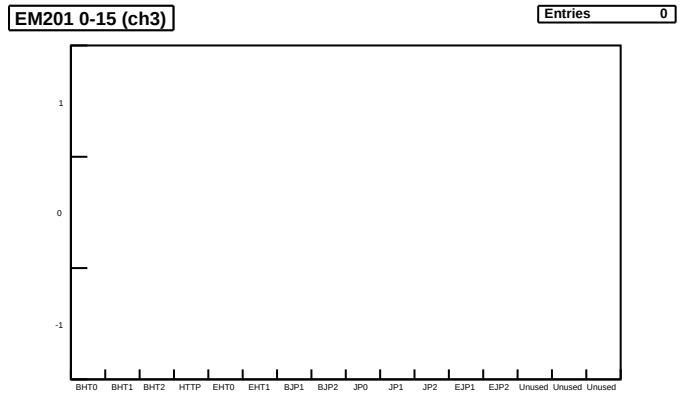

TF201 0-15 (ch0)
Entries 5.80583e+07
1.97766e+06
124705
2.8617e+06
2.75504e+06
311826
8
751566
753455
48906
977883
2.47829e+06
2.54428e+06
3.62864e+06
3.62864e+06
1.65098e+06
3.50394e+06
1.56694e+06
873603
3.31762e+06
3.62864e+06
3.62864e+06
2.87708e+06
2.87519e+06
3.58174e+06
2.65066e+06
1.15036e+06
1.06437e+06
3.62864e+06
MTD1
MTD2
RP_ET
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
RP_IT
RP_EOR
RP_WOR
MTD-Cosmic

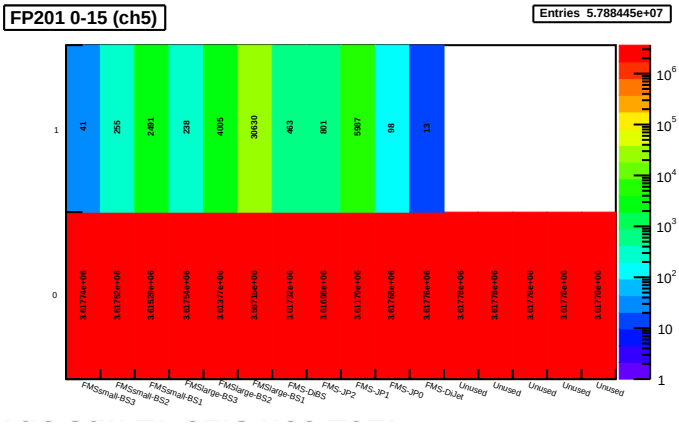

TF201 0-15 (ch0)
Entries 1225095
77173
1.14782e+06
MTD1
MTD2
RP_ET
TOF_UPC
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
RP_IT
RP_EOR
RP_WOR
MTD-Cosmic

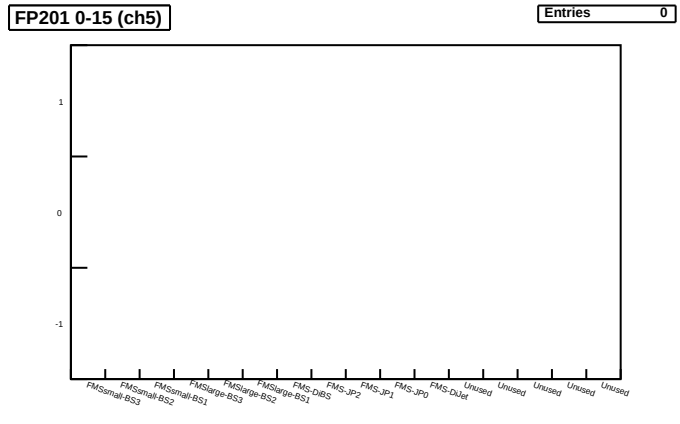

VT201 0-15 (ch1)
Entries 5.80583e+07
1.06506e+06
2.01434e+06
2.04744e+06
2.00459e+06
1.79935e+06
113244
381607
242155
81252
625822
395808
71569
391439
821528
1.01207e+06
2.56559e+06
1.61432e+06
1.58115e+06
1.62406e+06
1.83229e+06
3.62964e+06
3.51546e+06
3.24704e+06
3.38549e+06
3.54739e+06
3.00282e+06
3.23284e+06
3.55708e+06
3.23726e+06
2.80712e+06
2.61958e+06
BBC-TAC
BBC-E
BBC-W
BBC-L-E
BBC-L-W
EPD
ZDC-TAC
ZDC-E
ZDC-E-Front
ZDC-E-Back
ZDC-W
ZDC-W-Front
ZDC-W-Back
VPD-TAC
VPD-TAC2
VPD-COINC


VT201 0-15 (ch1)
Entries 0
BBC-TAC
BBC-E
BBC-W
BBC-L-E
BBC-L-W
EPD
ZDC-TAC
ZDC-E
ZDC-E-Front
ZDC-E-Back
ZDC-W
ZDC-W-Front
ZDC-W-Back
VPD-TAC
VPD-TAC2
VPD-COINC


EM201 0-15 (ch3)
Entries 5.80583e+07
15377
13943
12971
104797
688
478
16381
8377
22386
17301
9694
1493
980
3.61277e+06
3.6147e+06
3.61567e+06
3.52385e+06
3.62756e+06
3.62817e+06
3.61226e+06
3.62027e+06
3.60625e+06
3.61134e+06
3.61895e+06
3.62715e+06
3.62765e+06
3.62864e+06
3.62864e+06
3.62864e+06
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


FP201 0-15 (ch5)
Entries 5.788445e+07
41
255
2481
238
4035
30630
453
801
5987
98
13
3.61774e+06
3.61752e+06
3.61528e+06
3.61764e+06
3.61377e+06
3.59715e+06
3.61732e+06
3.61698e+06
3.61179e+06
3.61768e+06
3.61778e+06
3.61778e+06
3.61778e+06
3.61778e+06
3.61778e+06
3.61778e+06
FMSsmall-BS3
FMSsmall-BS2
FMSsmall-BS1
FMSlarge-BS3
FMSlarge-BS2
FMSlarge-BS1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused
Unused
Unused
Unused
Unused


FP201 0-15 (ch5)
Entries 0
FMSsmall-BS3
FMSsmall-BS2
FMSsmall-BS1
FMSlarge-BS3
FMSlarge-BS2
FMSlarge-BS1
FMS-DiBS
FMS-JP2
FMS-JP1
FMS-JP0
FMS-DiJet
Unused
Unused
Unused
Unused
Unused