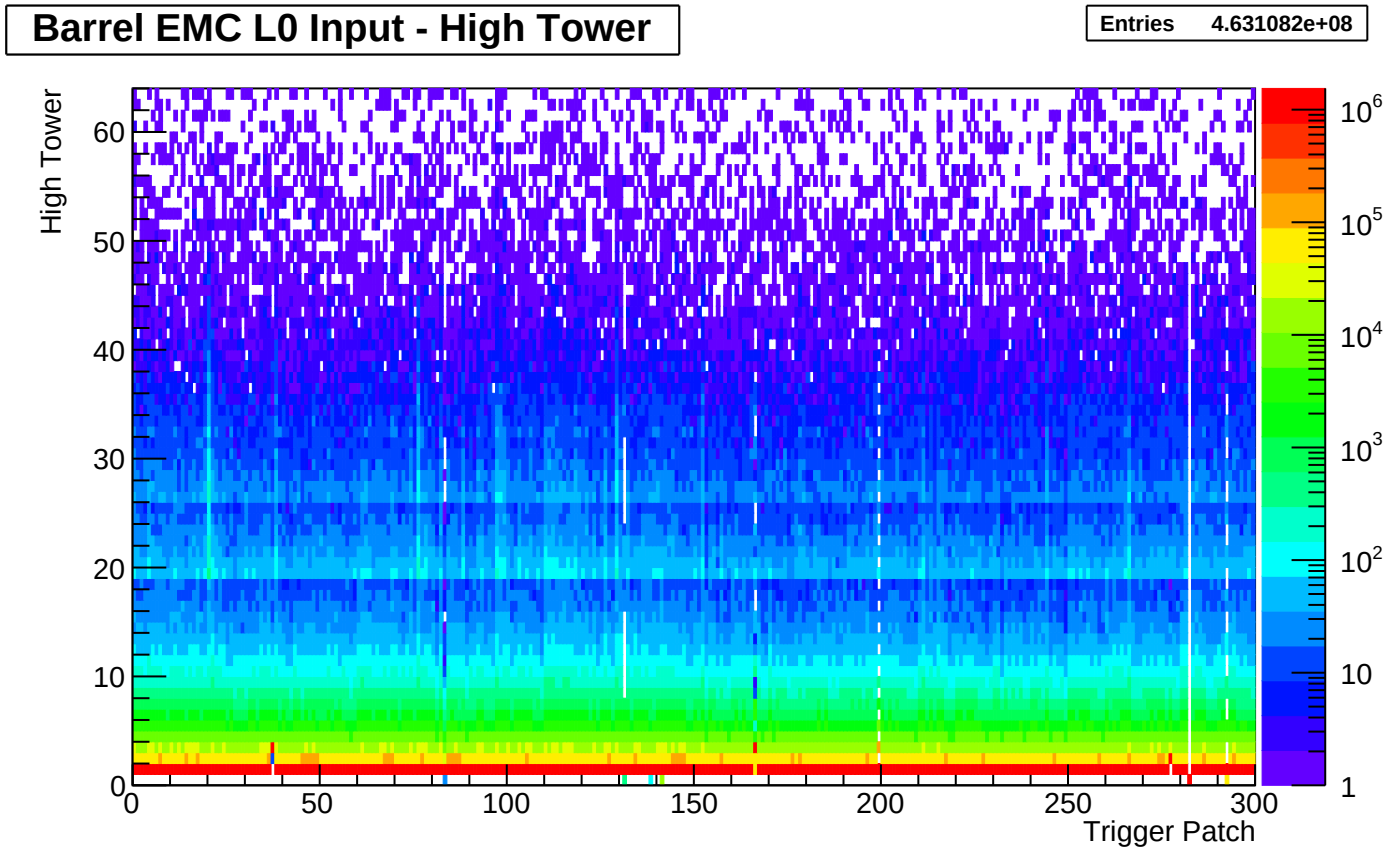
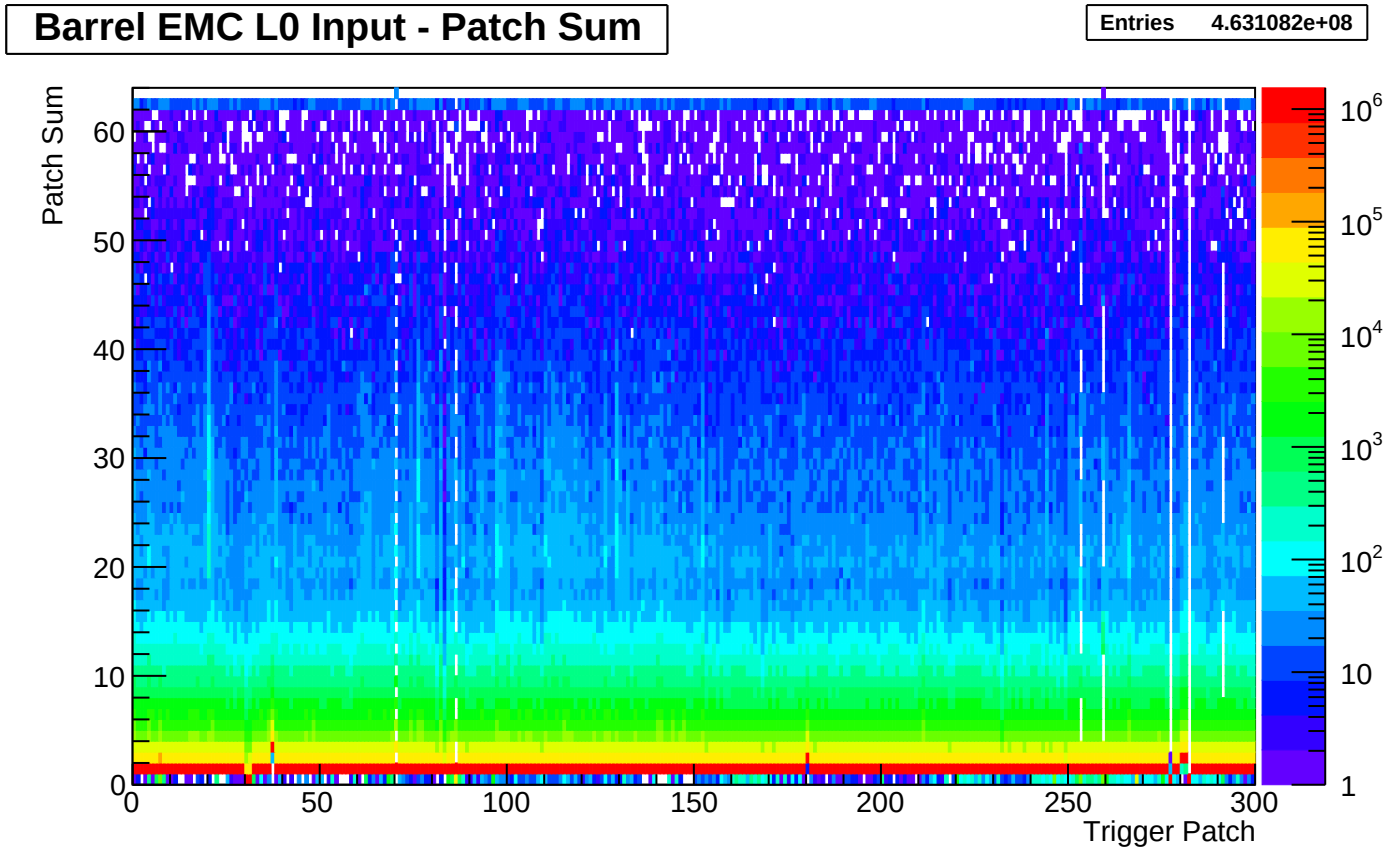
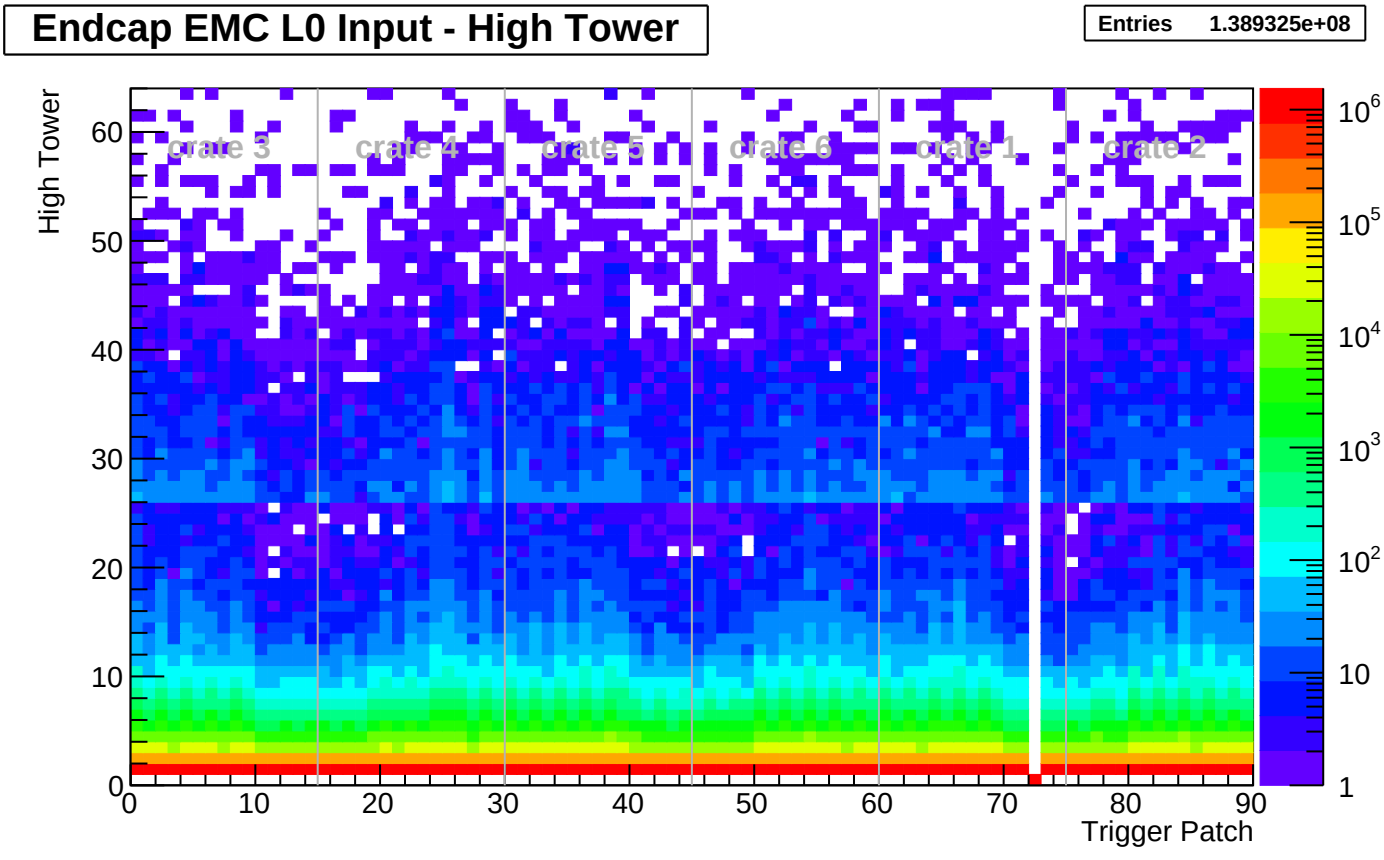
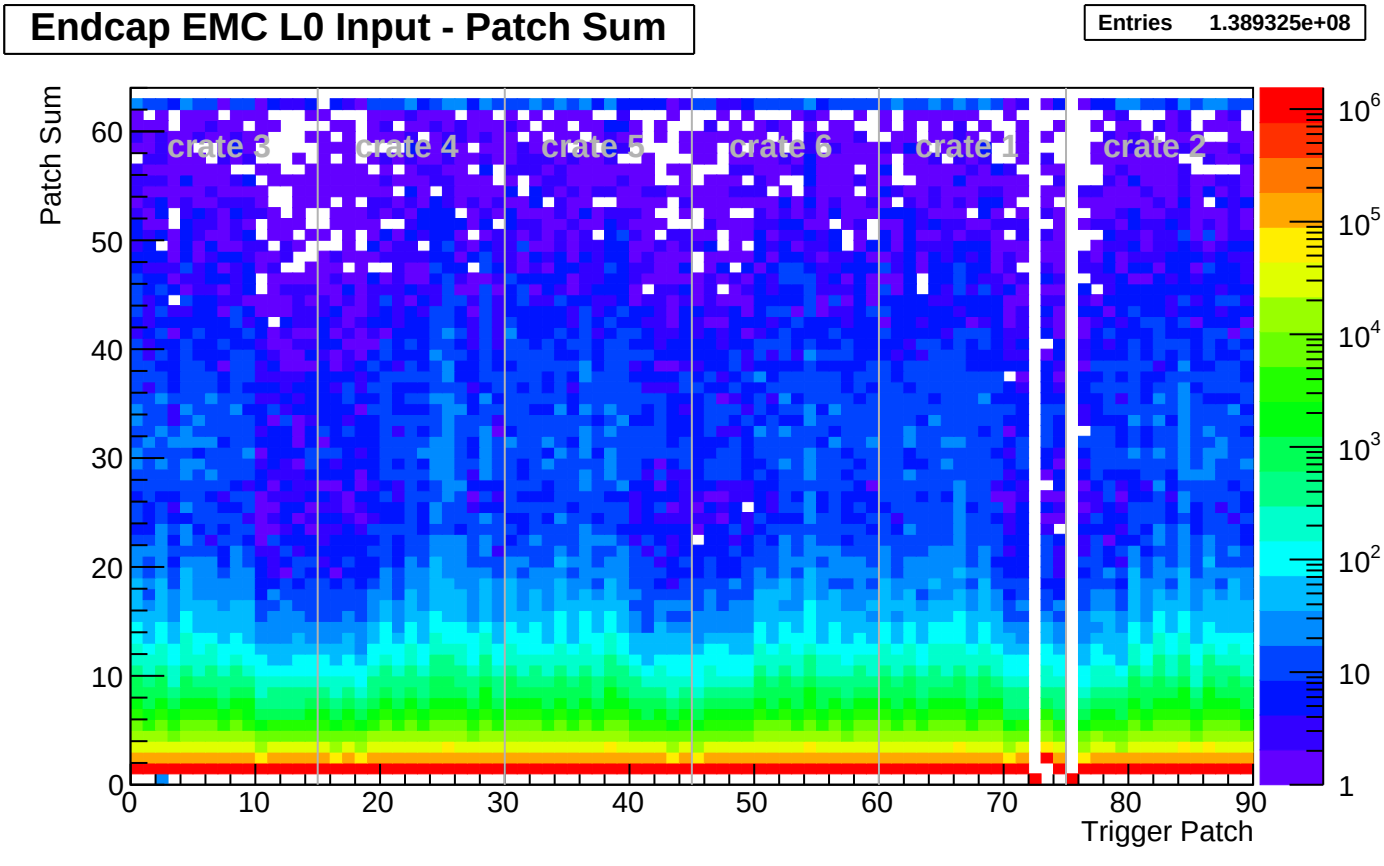
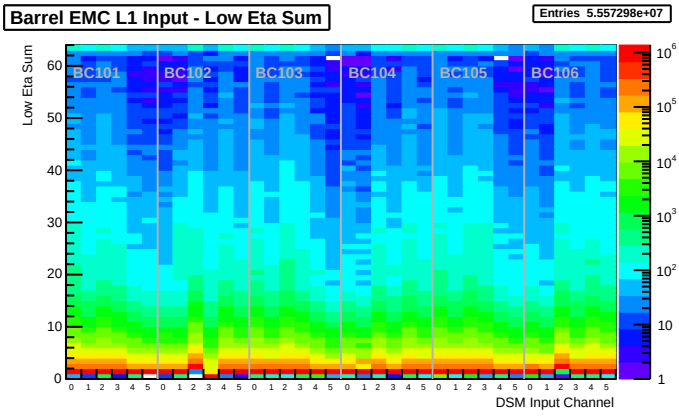
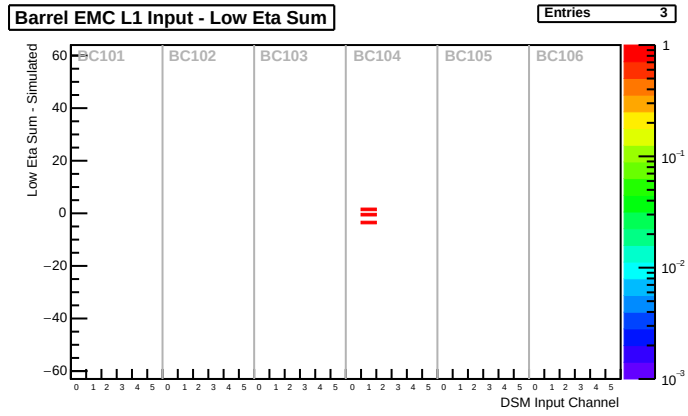

Barrel EMC L0 Input - High Tower
Entries 4.631082e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

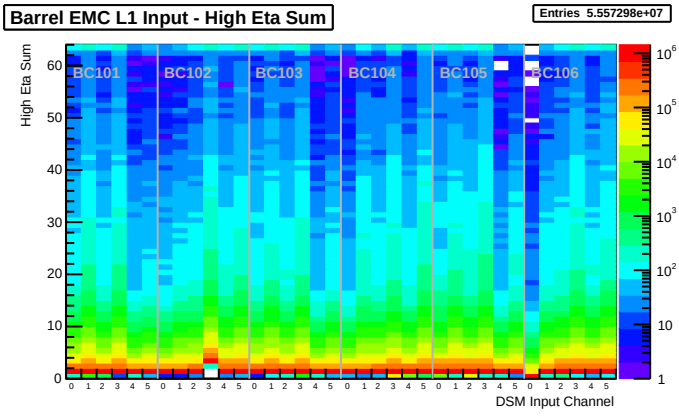

Barrel EMC L0 Input - Patch Sum
Entries 4.631082e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

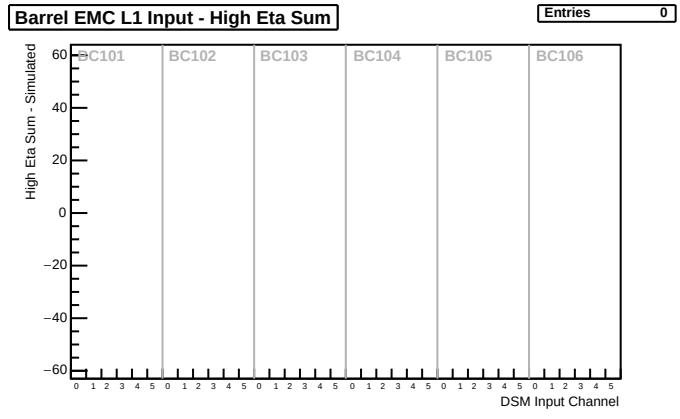

Endcap EMC L0 Input - High Tower
Entries 1.389325e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

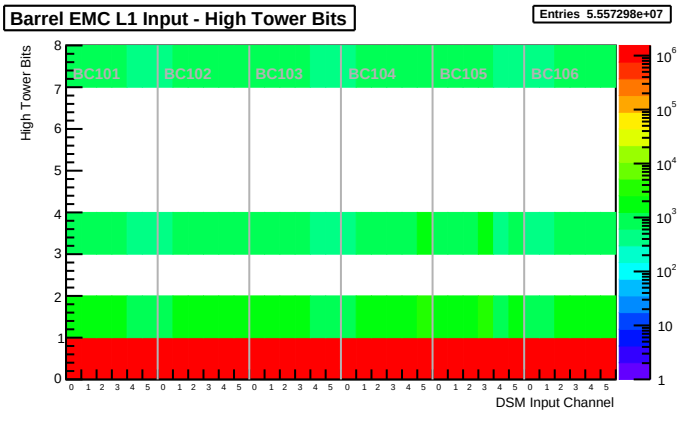

Endcap EMC L0 Input - Patch Sum
Entries 1.389325e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

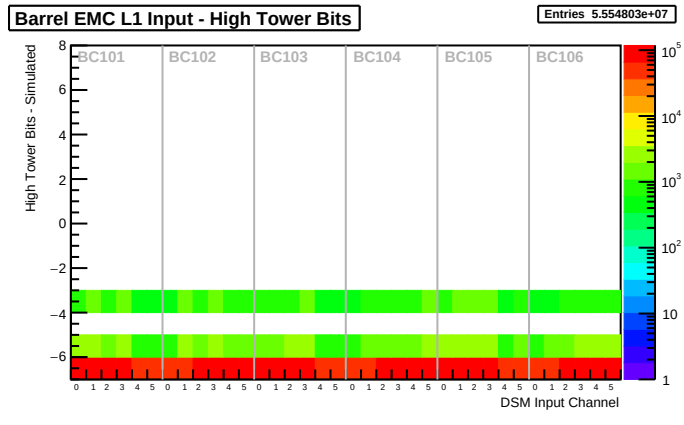

Barrel EMC L1 Input - Low Eta Sum
Entries 5.557298e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

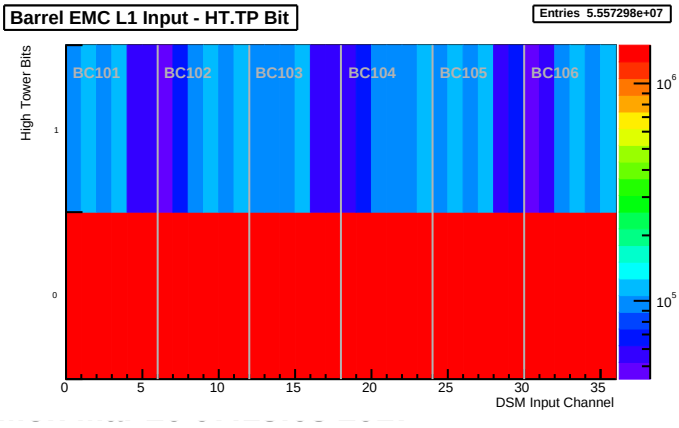

Barrel EMC L1 Input - Low Eta Sum
Entries 3
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

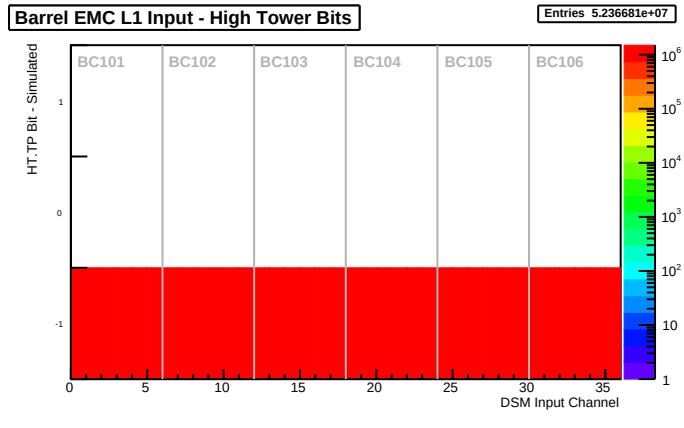

Barrel EMC L1 Input - High Eta Sum
Entries 5.557298e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

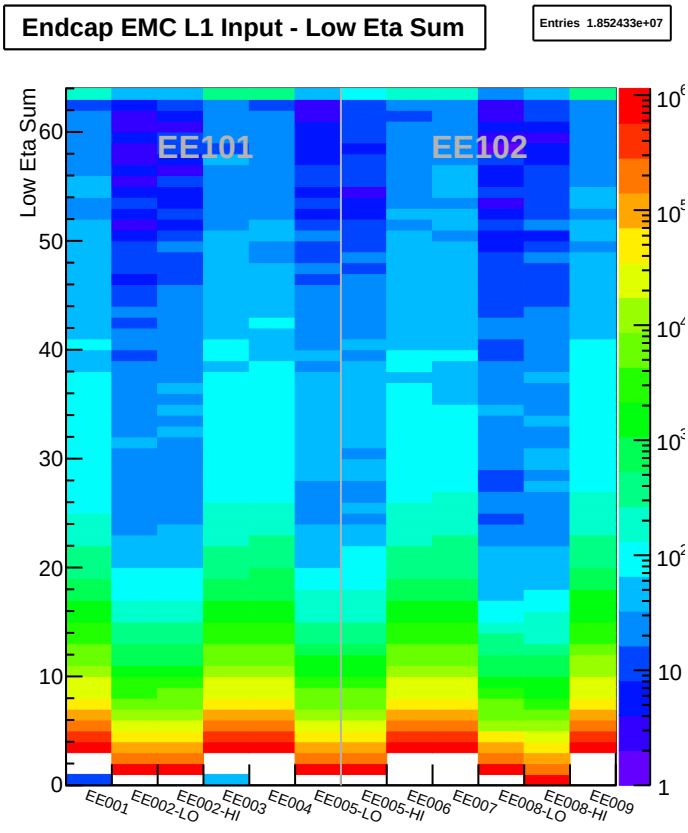

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

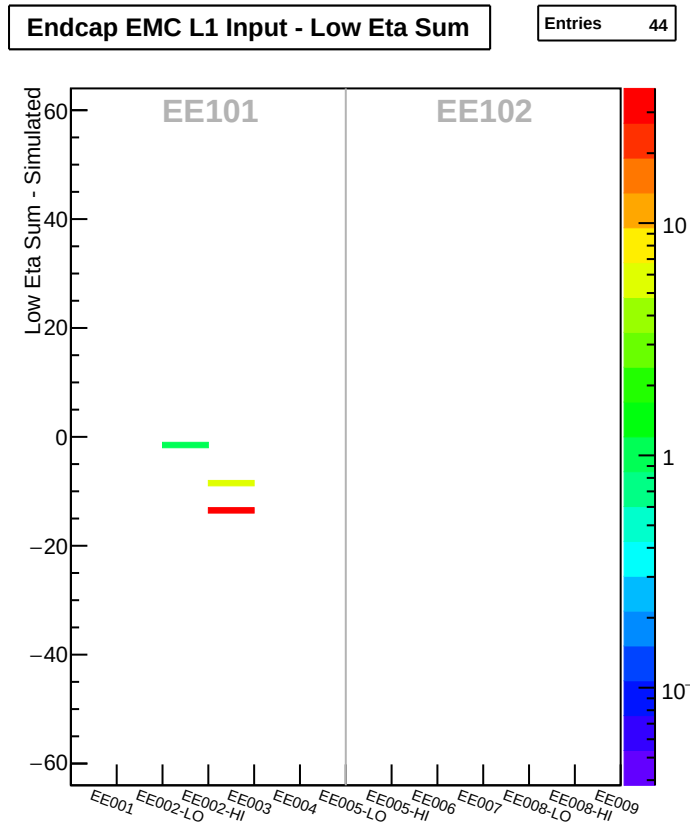

Barrel EMC L1 Input - High Tower Bits
Entries 5.557298e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

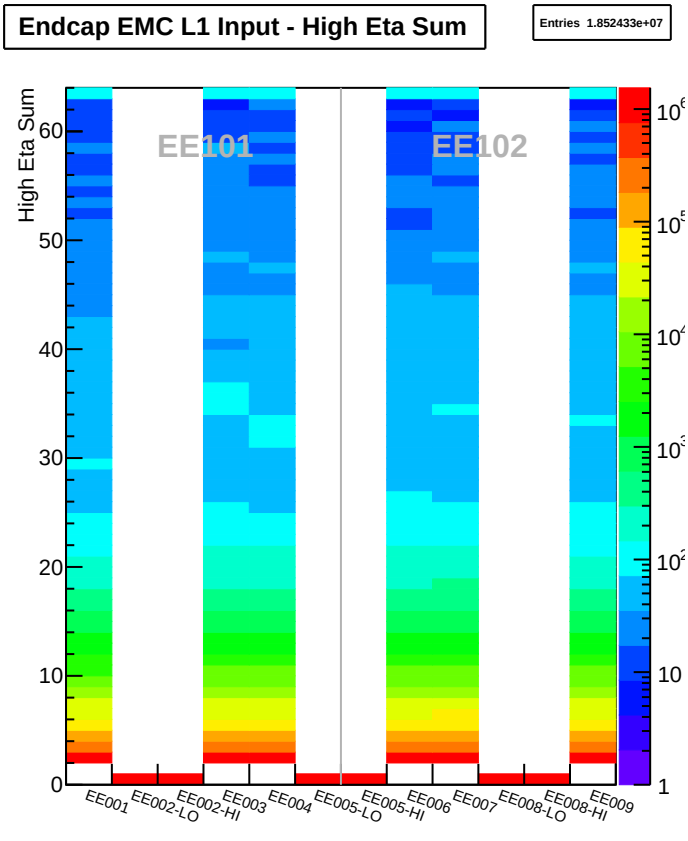

Barrel EMC L1 Input - High Tower Bits
Entries 5.554803e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

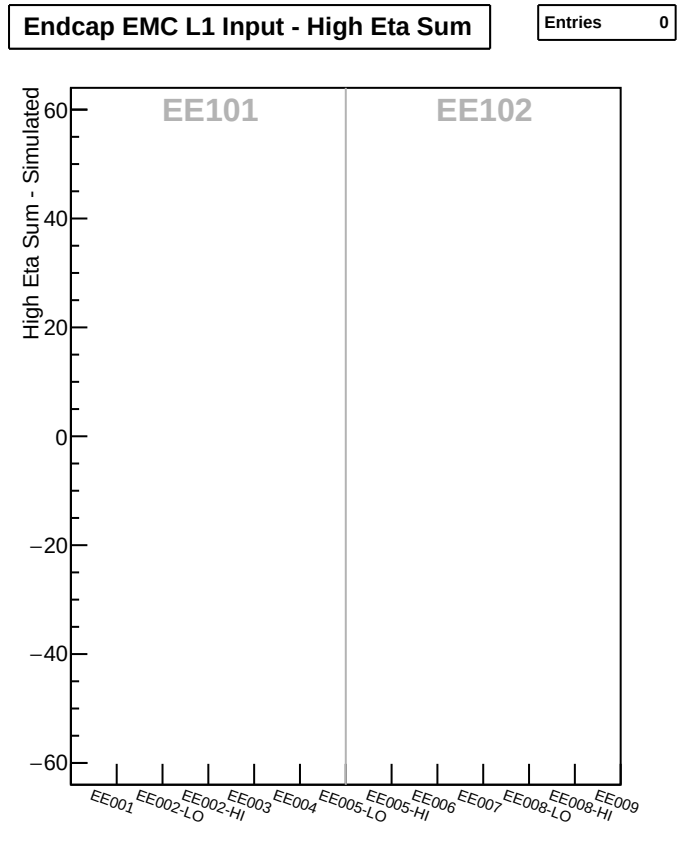

Barrel EMC L1 Input - HT.TP Bit
Entries 5.557298e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

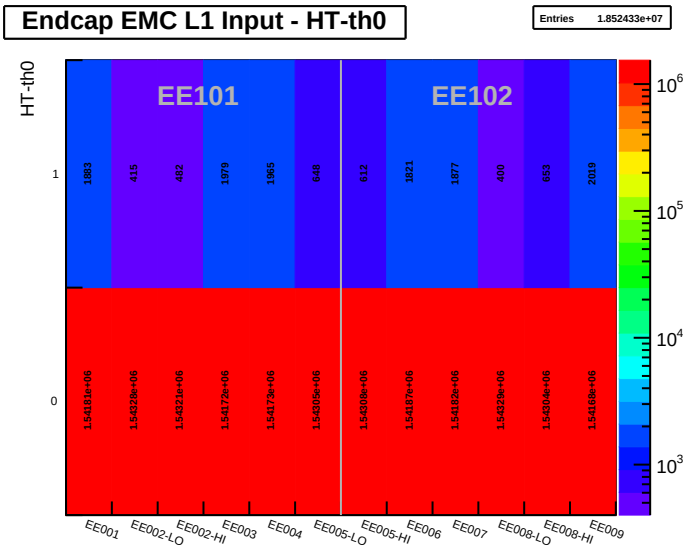

Barrel EMC L1 Input - High Tower Bits
Entries 5.236681e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

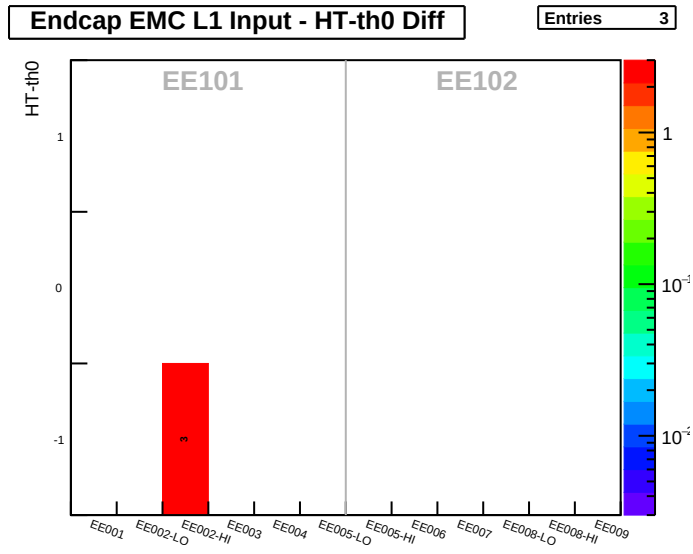

Endcap EMC L1 Input - Low Eta Sum
Entries 1.852433e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

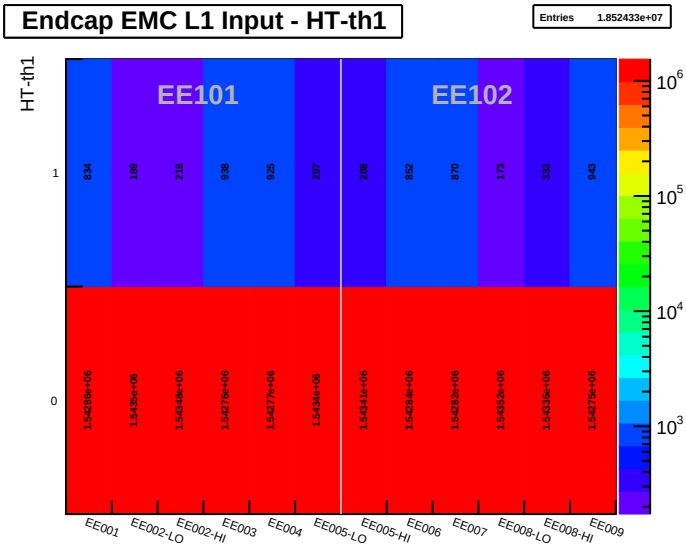

Endcap EMC L1 Input - Low Eta Sum
Entries 44
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

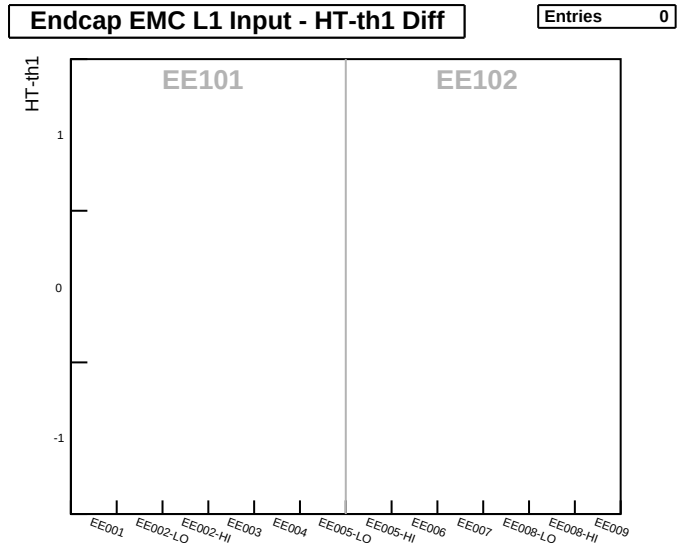

Endcap EMC L1 Input - High Eta Sum
Entries 1.852433e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

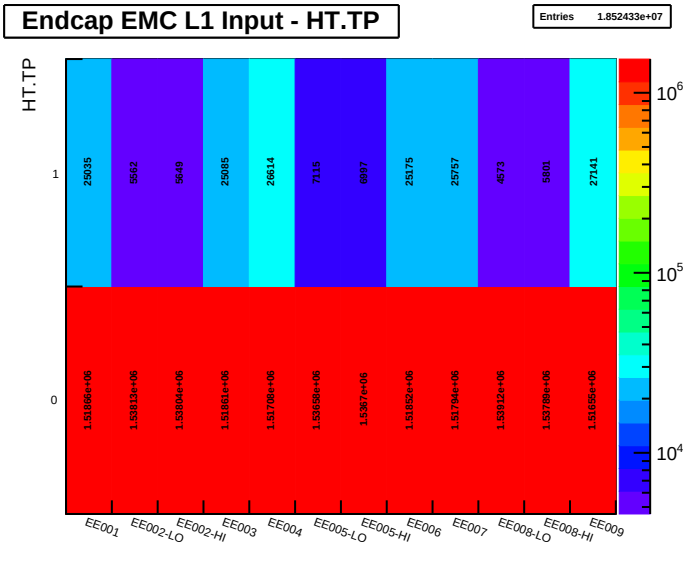

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

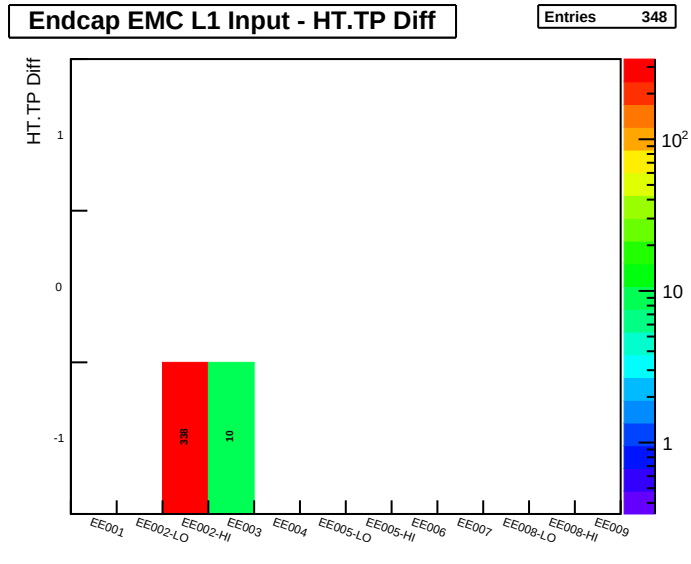

Endcap EMC L1 Input - HT-th0
Entries 1.852433e+07
HT-th0
EE101
EE102
1883 415 482 1979 1965 646 612 1821 1877 400 653 2019
1.54181e+06 1.54329e+06 1.54321e+06 1.54172e+06 1.54173e+06 1.54305e+06 1.54308e+06 1.54187e+06 1.54182e+06 1.54329e+06 1.54304e+06 1.54169e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

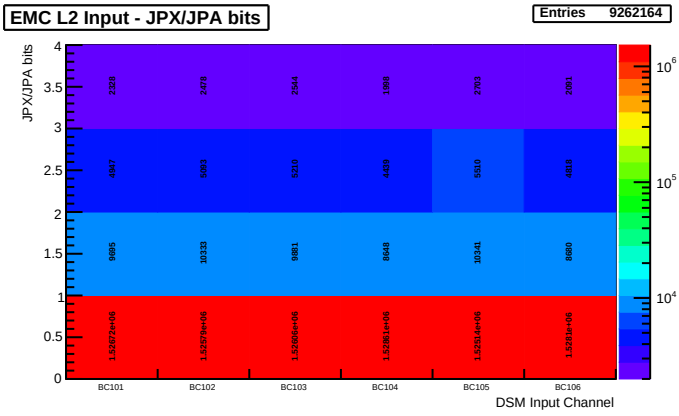

Endcap EMC L1 Input - HT-th0 Diff
Entries 3
HT-th0
EE101
EE102
3
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

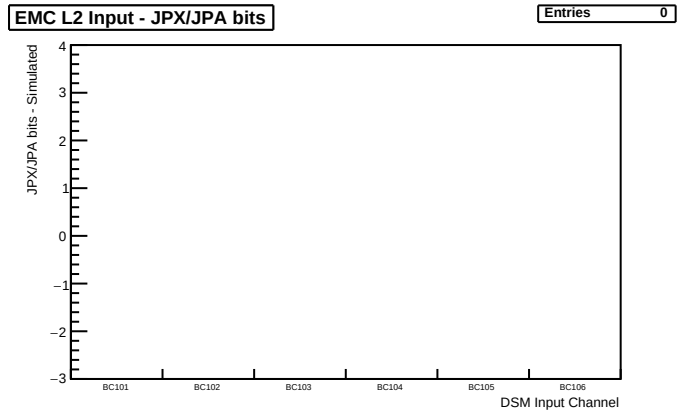

Endcap EMC L1 Input - HT-th1
Entries 1.852433e+07
HT-th1
EE101
EE102
834 189 218 938 925 297 288 852 870 173 333 943
1.54286e+06 1.5435e+06 1.54348e+06 1.54276e+06 1.54277e+06 1.5434e+06 1.54341e+06 1.54284e+06 1.54282e+06 1.54352e+06 1.54336e+06 1.54275e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

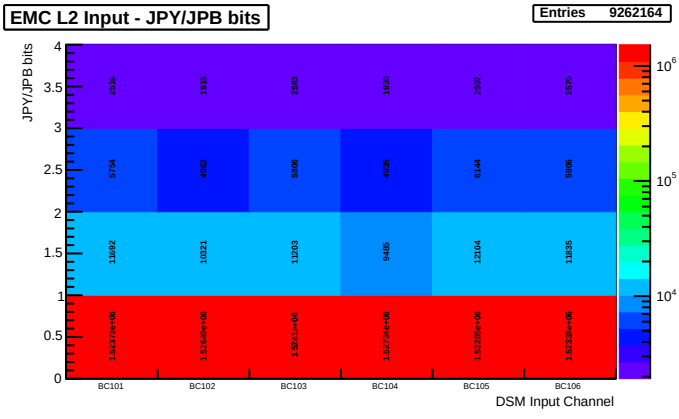

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

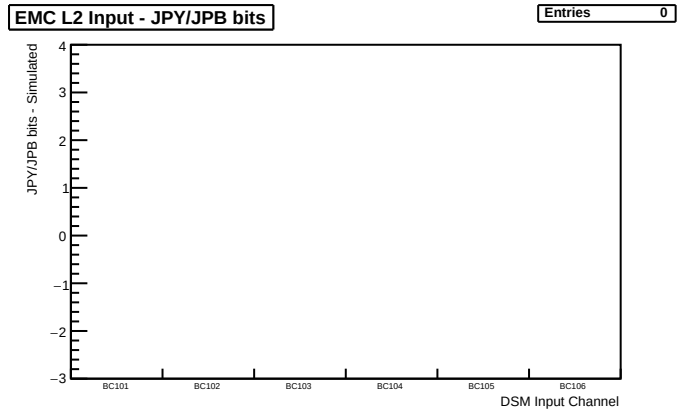

Endcap EMC L1 Input - HT.TP
Entries 1.852433e+07
HT.TP
25035 5562 5649 25085 26614 7115 6397 25175 25757 4573 5801 27141
1.51866e+06 1.53813e+06 1.53804e+06 1.51861e+06 1.51708e+06 1.52658e+06 1.53671e+06 1.51852e+06 1.51794e+06 1.53812e+06 1.53789e+06 1.51655e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

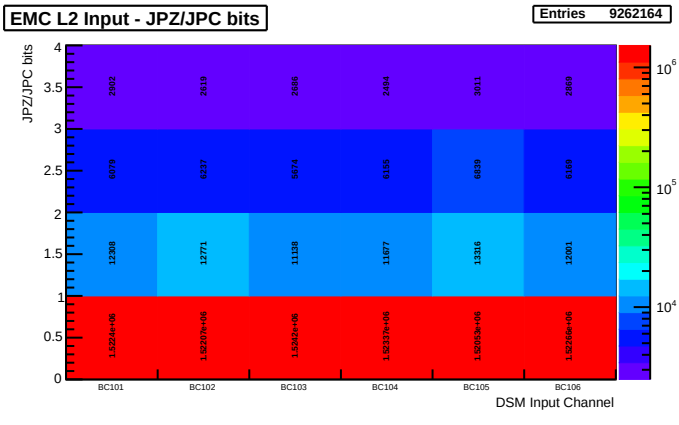

Endcap EMC L1 Input - HT.TP Diff
Entries 348
HT.TP Diff
338
10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

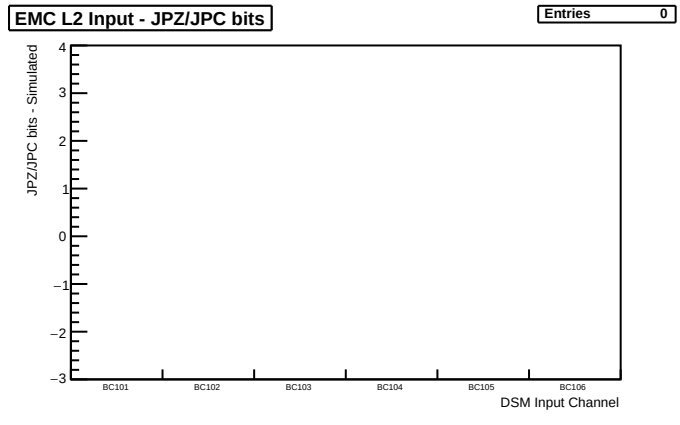

EMC L2 Input - JPX/JPA bits
Entries 9262164
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

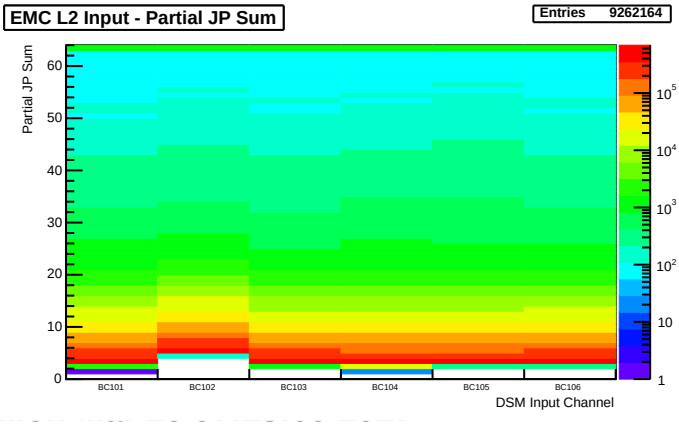

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

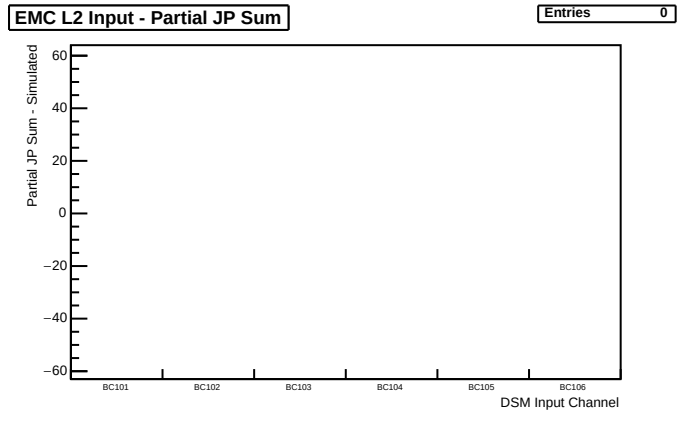

EMC L2 Input - JPY/JPB bits
Entries 9262164
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

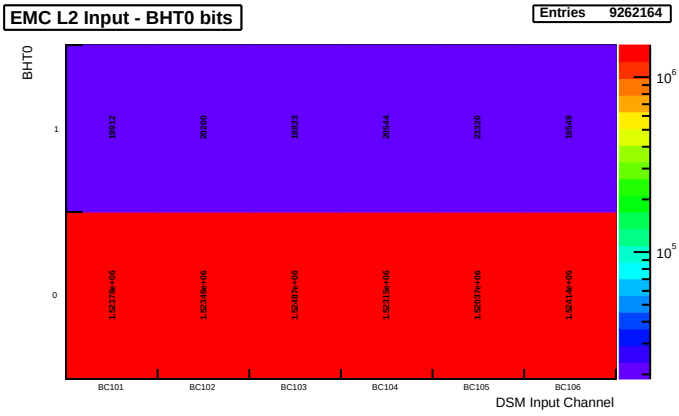

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

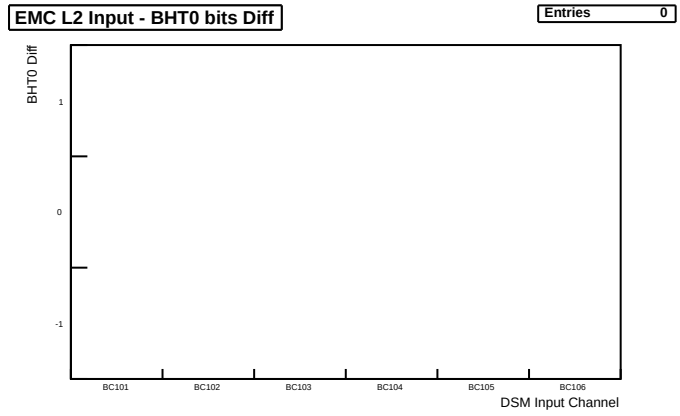

EMC L2 Input - JPZ/JPC bits
Entries 9262164
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

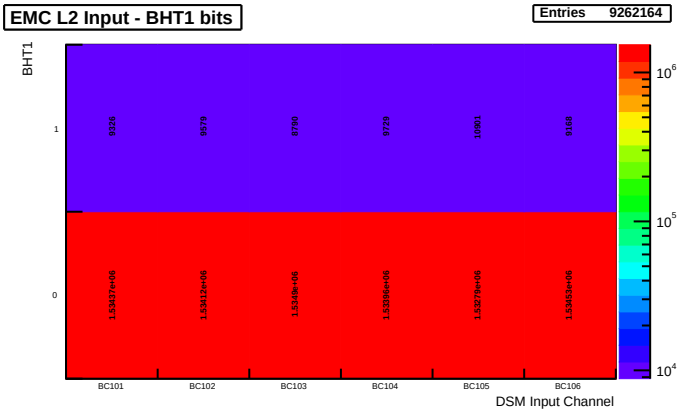

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

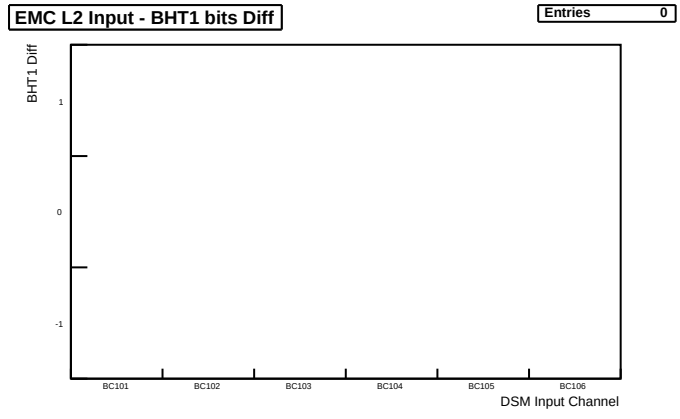

EMC L2 Input - Partial JP Sum
Entries 9262164
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

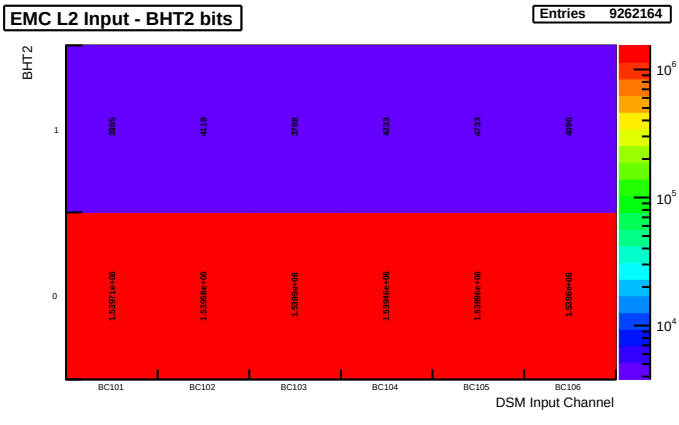

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

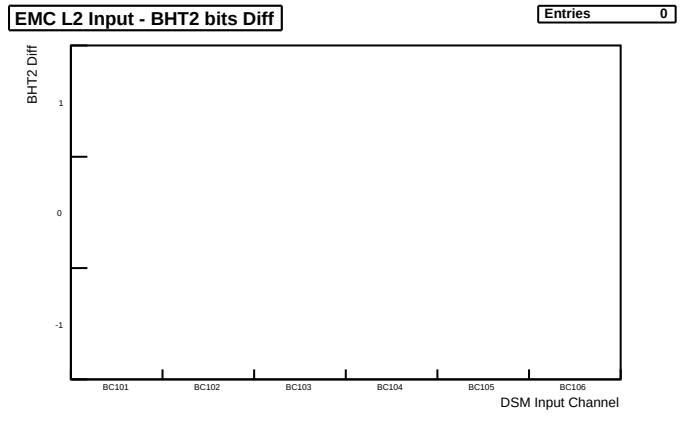

EMC L2 Input - BHT0 bits
Entries 9262164
BHT0
1
0
19912
20200
18823
20544
23320
19549
1.52379e+06
1.52449e+06
1.52487e+06
1.52315e+06
1.52037e+06
1.52014e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

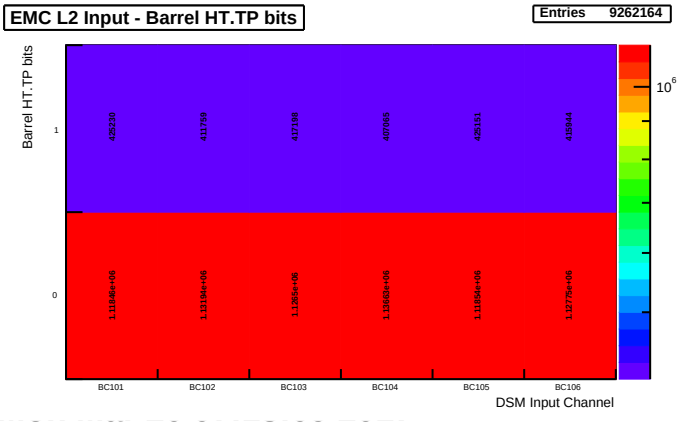

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

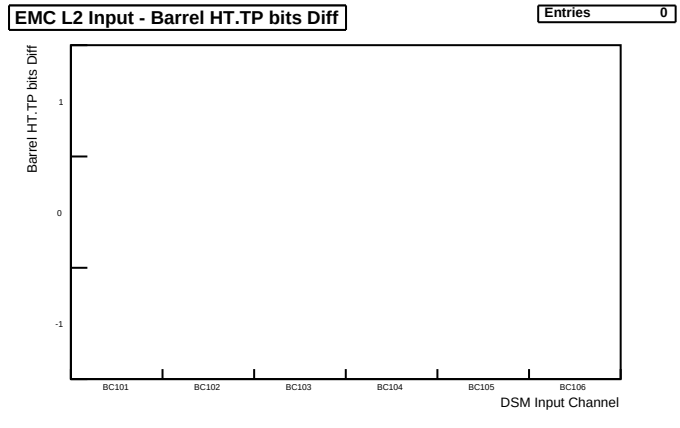

EMC L2 Input - BHT1 bits
Entries 9262164
BHT1
1
0
9326
9579
8790
9729
10901
9168
1.53437e+06
1.53412e+06
1.53496e+06
1.53396e+06
1.53279e+06
1.53453e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

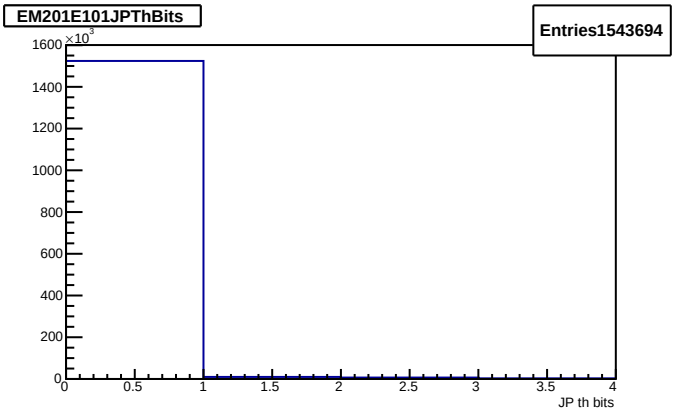

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

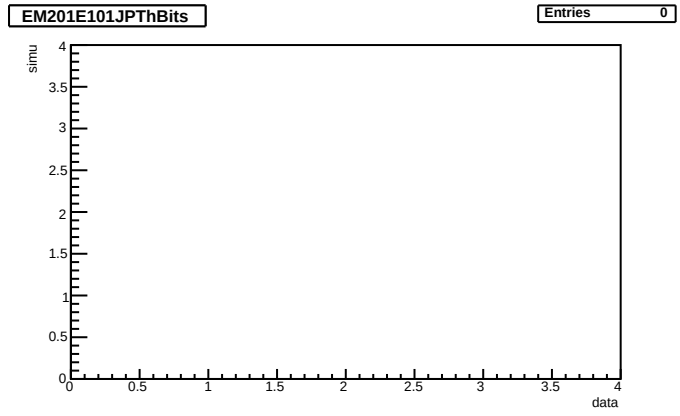

EMC L2 Input - BHT2 bits
Entries 9262164
BHT2
1
0
3835
4119
3798
4233
4733
4090
1.53971e+06
1.53958e+06
1.53994e+06
1.53946e+06
1.53886e+06
1.53856e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

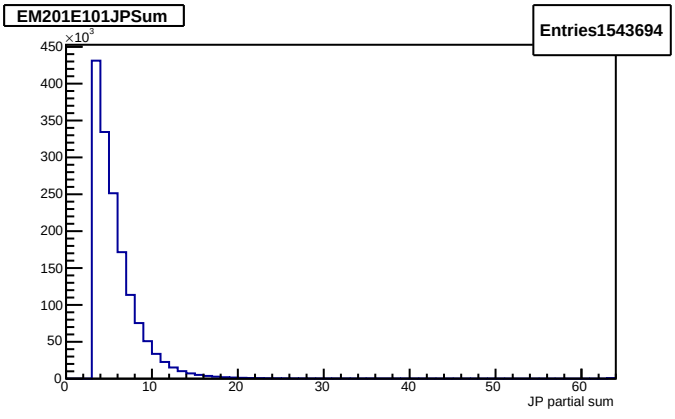

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

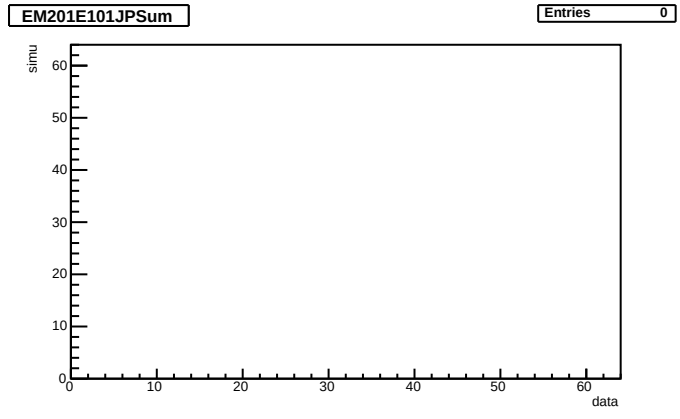

EMC L2 Input - Barrel HT.TP bits
Entries 9262164
Barrel HT.TP bits
1
0
425530
411759
427198
407665
425151
415944
1.11840e+06
1.13194e+06
1.12859e+06
1.12663e+06
1.11894e+06
1.12779e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

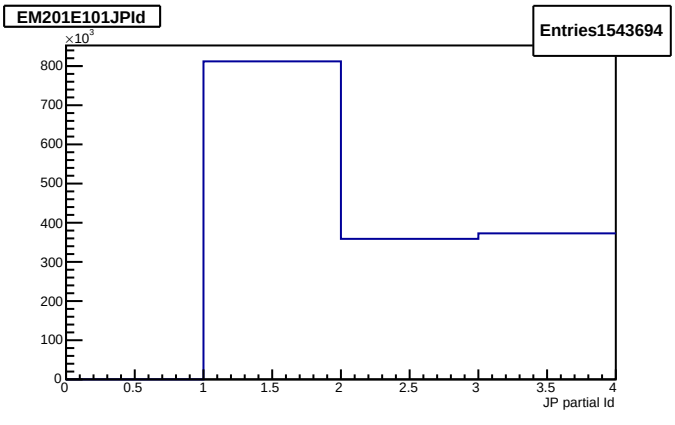

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

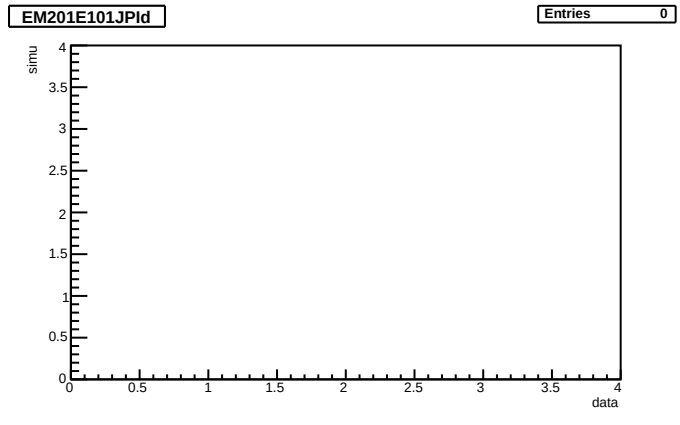

EM201E101JPThBits
Entries1543694
JP th bits

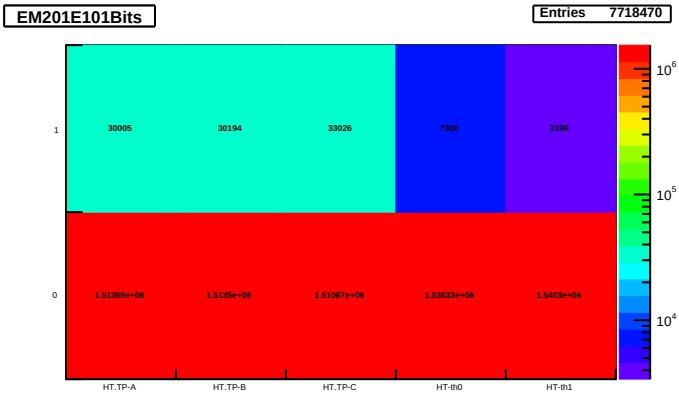

EM201E101JPThBits
Entries 0
simu
data

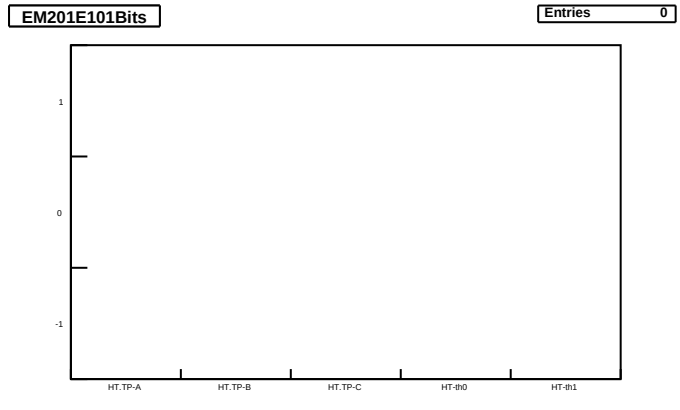

EM201E101JPSum
Entries1543694
JP partial sum

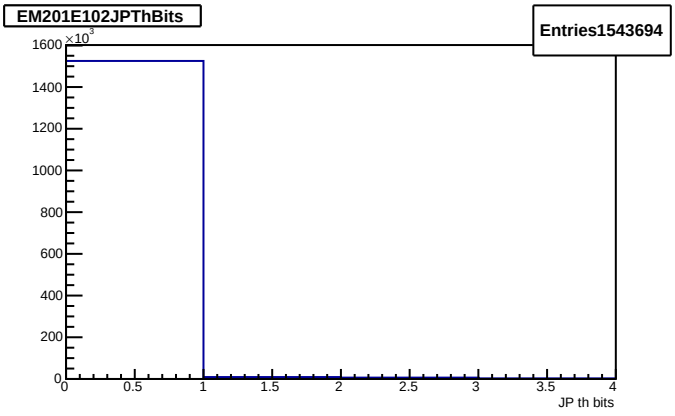

EM201E101JPSum
Entries 0
simu
data

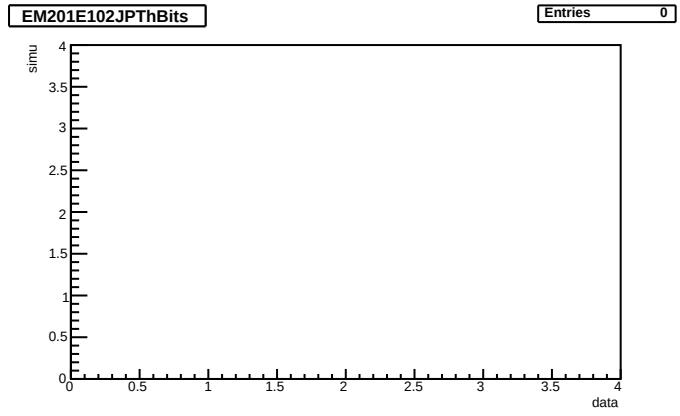

EM201E101JPId
Entries1543694
JP partial Id

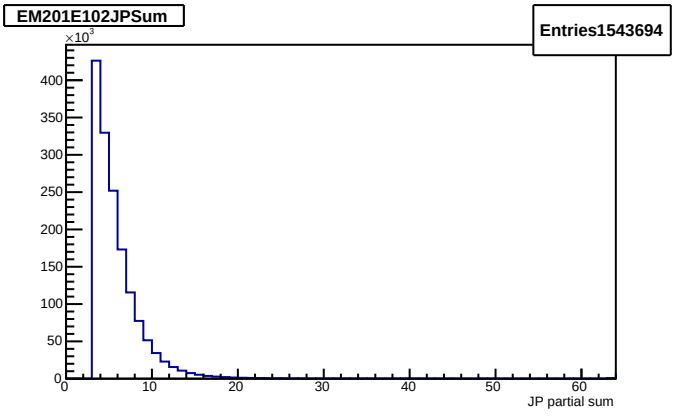

EM201E101JPId
Entries 0
simu
data

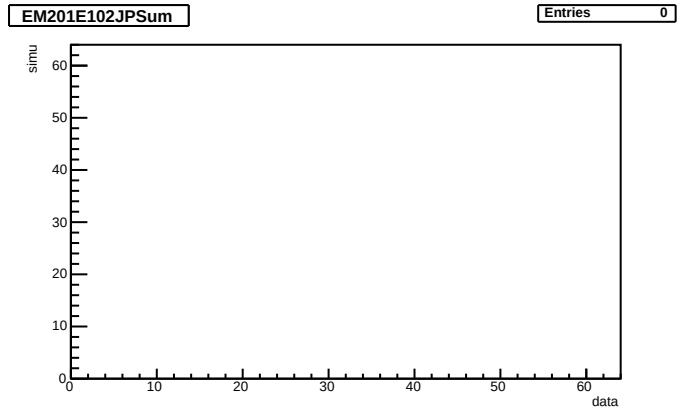

EM201E101Bits
Entries 7718470
30005
30194
33026
7360
3399
1.51369e+06
1.5135e+06
1.51067e+06
1.53633e+06
1.5403e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

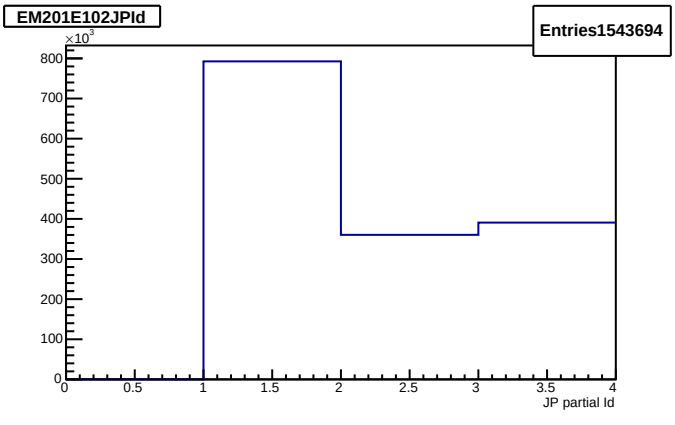

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

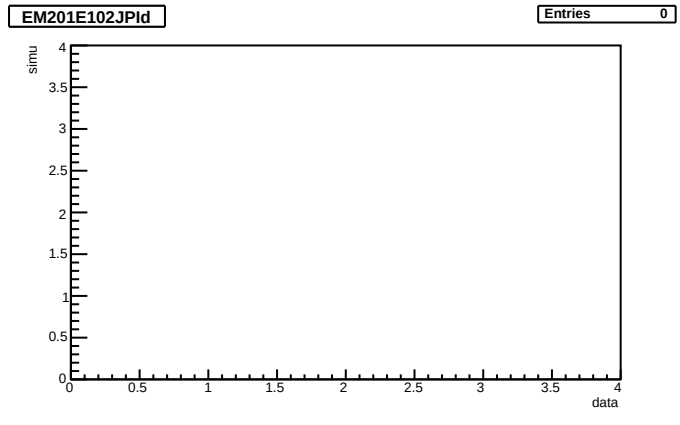

EM201E102JPThBits
Entries1543694
×10^3
JP th bits

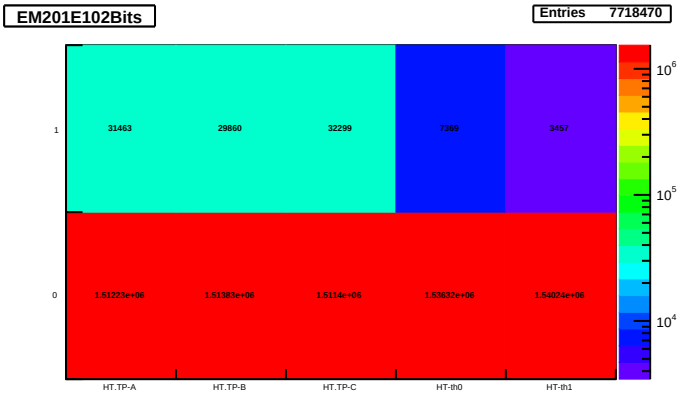

EM201E102JPThBits
Entries 0
simu
data

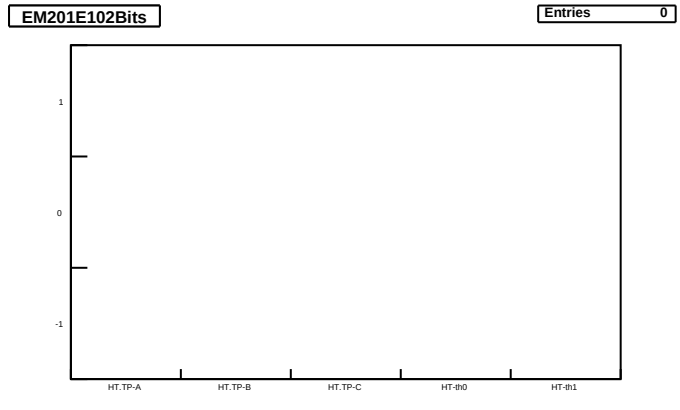

EM201E102JPSum
Entries1543694
×10^3
JP partial sum

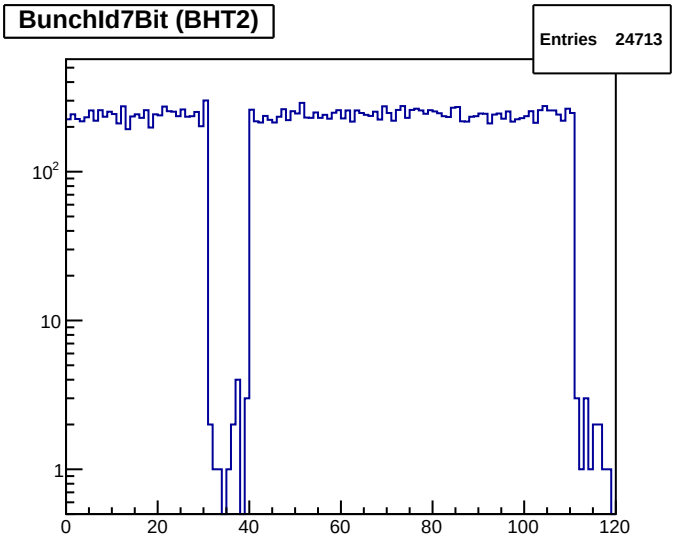

EM201E102JPSum
Entries 0
simu
data

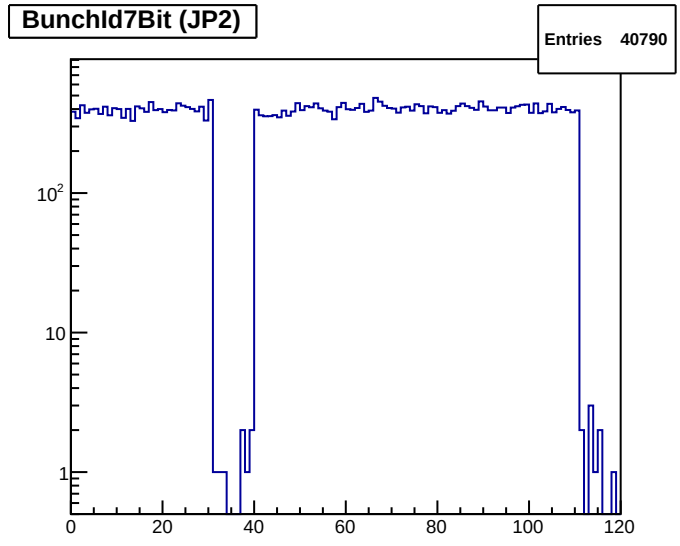

EM201E102JPId
Entries1543694
×10^3
JP partial Id

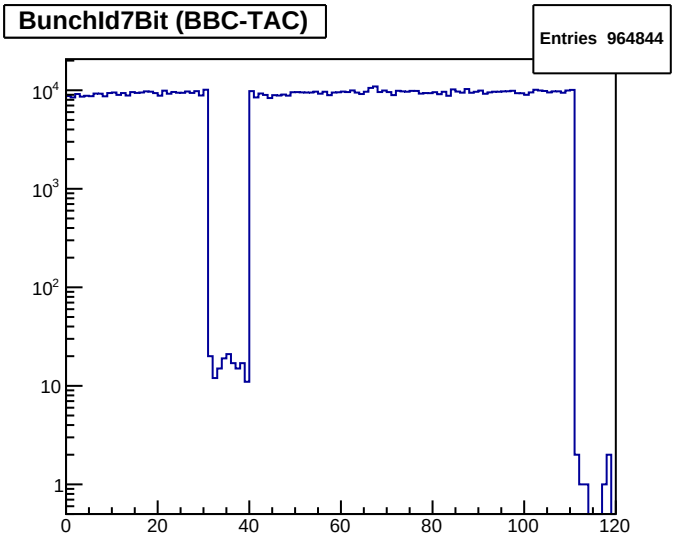

EM201E102JPId
Entries 0
simu
data

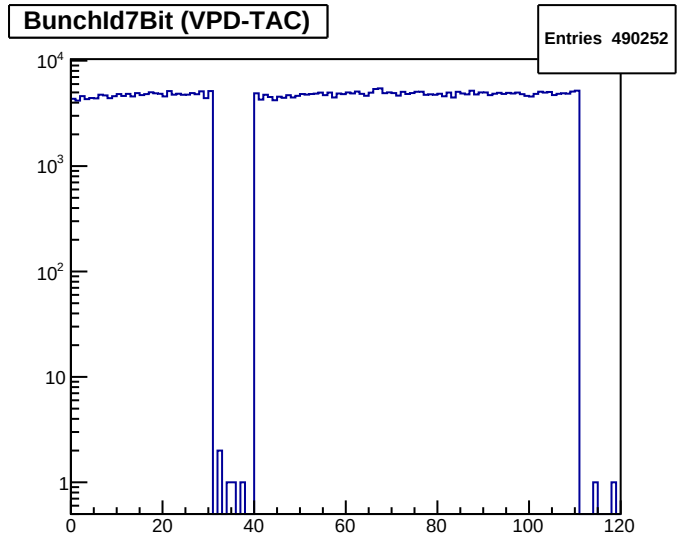

EM201E102Bits
Entries 7718470
31463
29860
32299
7369
3457
1.51223e+06
1.51383e+06
1.5114e+06
1.53632e+06
1.54024e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

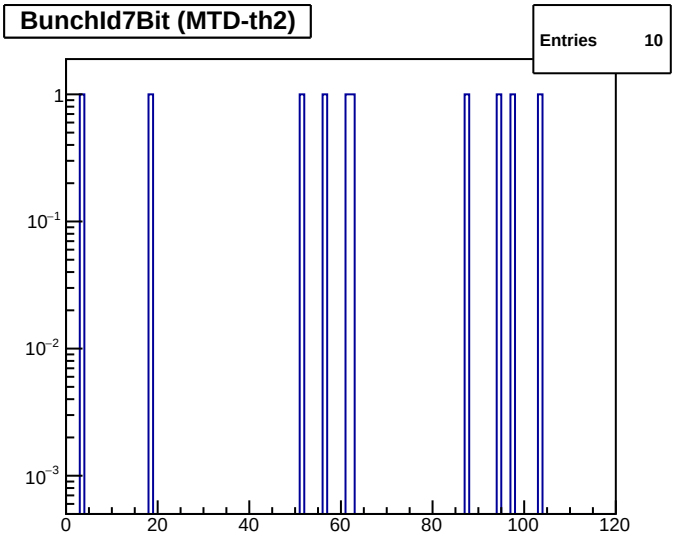

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

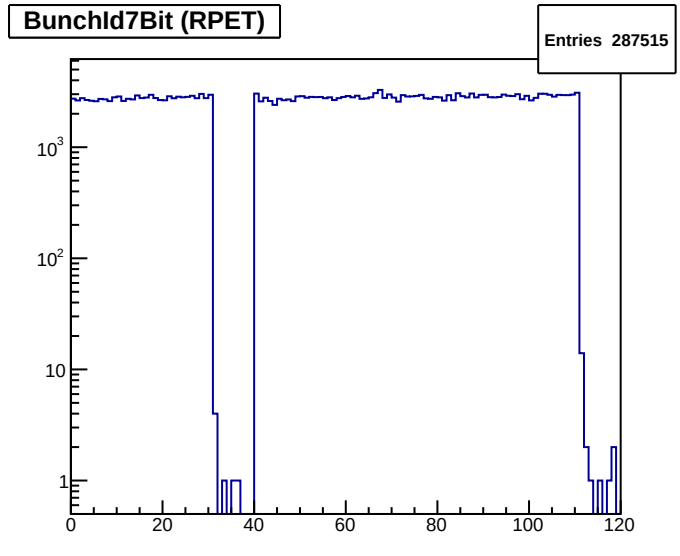

BunchId7Bit (BHT2)
Entries 24713

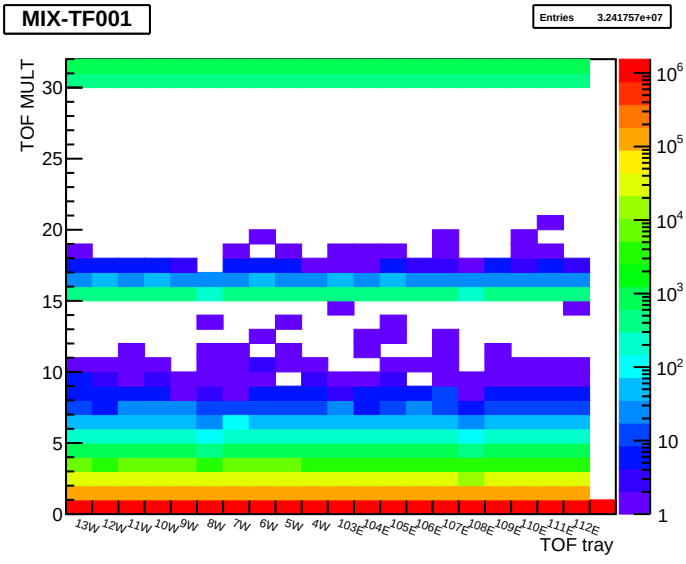

BunchId7Bit (JP2)
Entries 40790

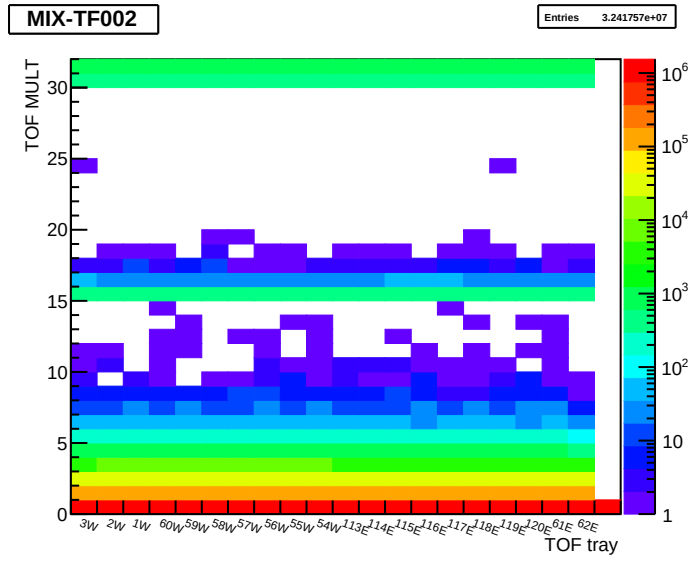

BunchId7Bit (BBC-TAC)
Entries 964844

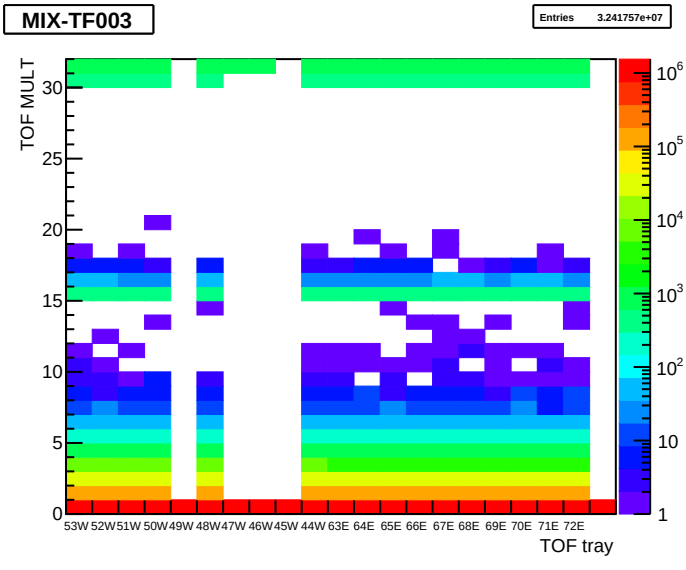

BunchId7Bit (VPD-TAC)
Entries 490252

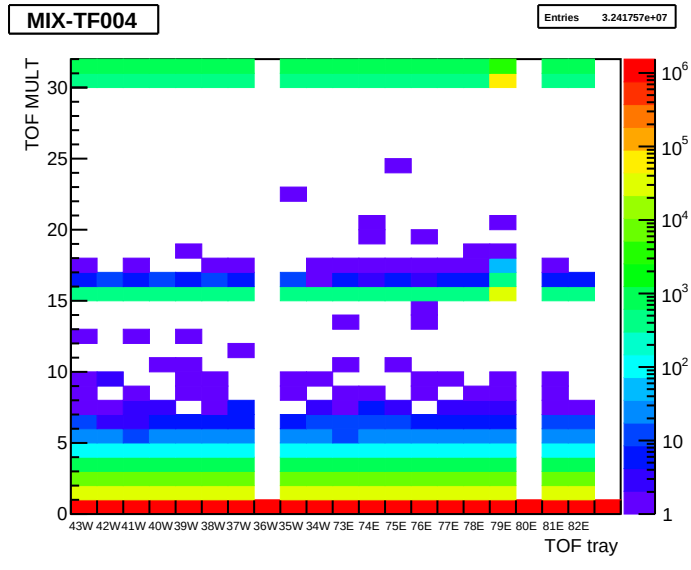

BunchId7Bit (MTD-th2)
Entries 10

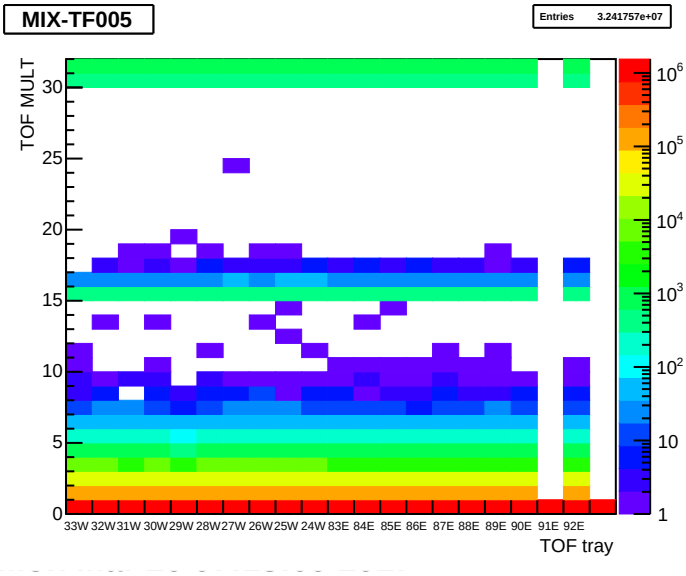

BunchId7Bit (RPET)
Entries 287515

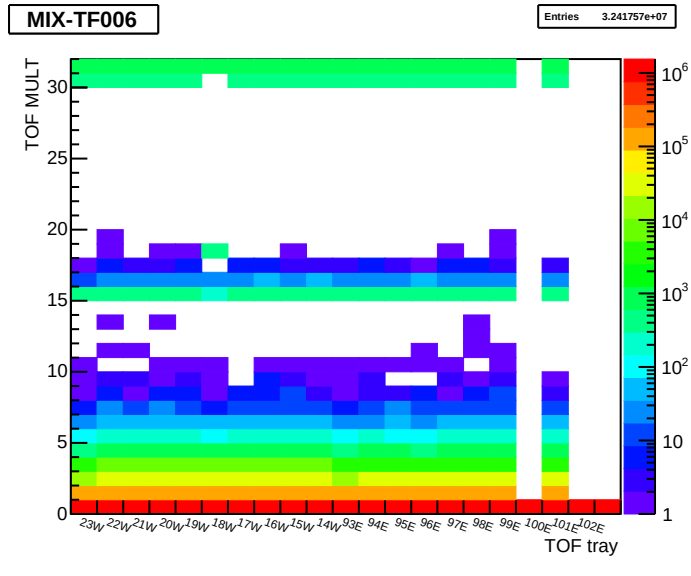

MIX-TF001
Entries 3.241757e+07
TOF MULT
TOF tray

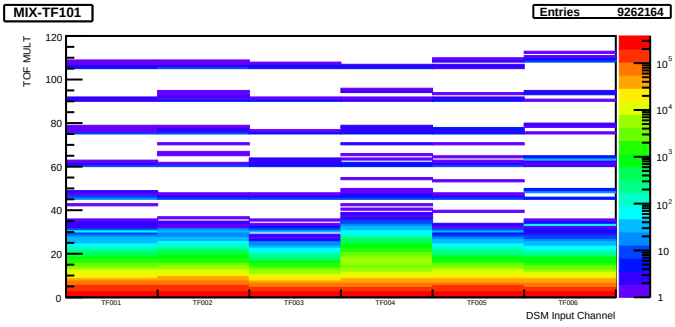

MIX-TF002
Entries 3.241757e+07
TOF MULT
TOF tray

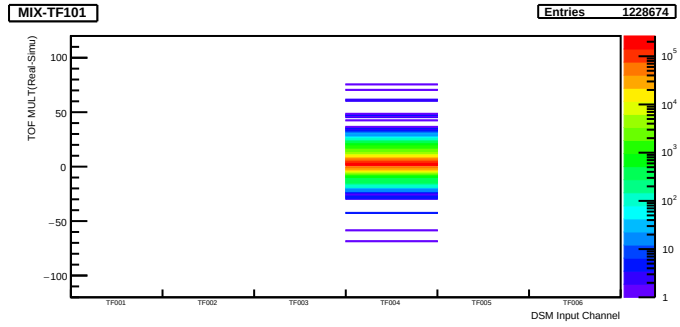

MIX-TF003
Entries 3.241757e+07
TOF MULT
TOF tray

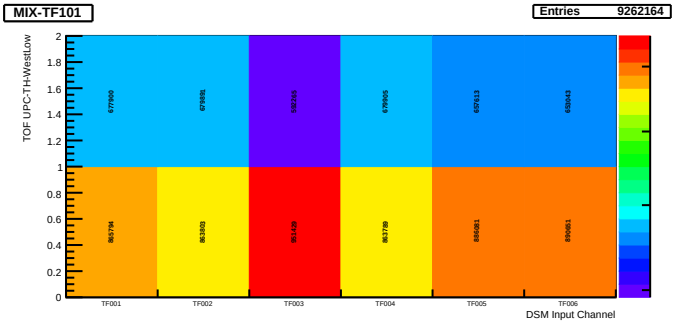

MIX-TF004
Entries 3.241757e+07
TOF MULT
TOF tray

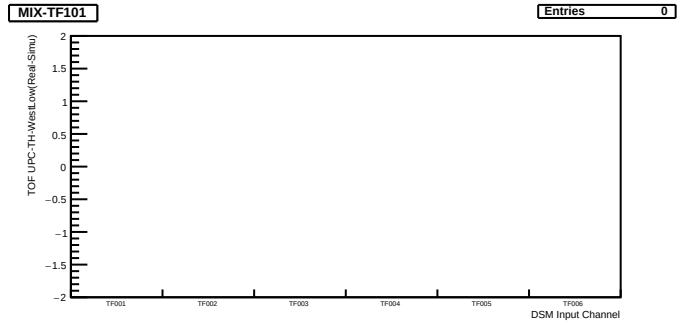

MIX-TF005
Entries 3.241757e+07
TOF MULT
TOF tray

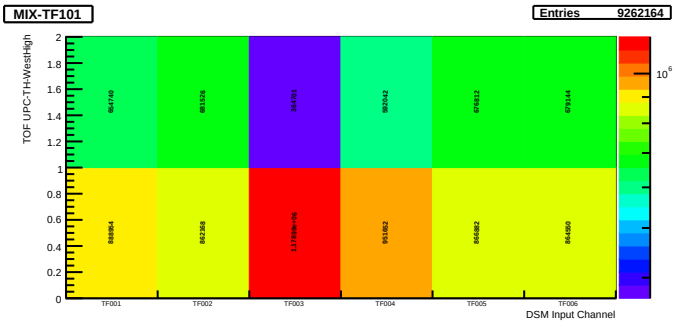

MIX-TF006
Entries 3.241757e+07
TOF MULT
TOF tray

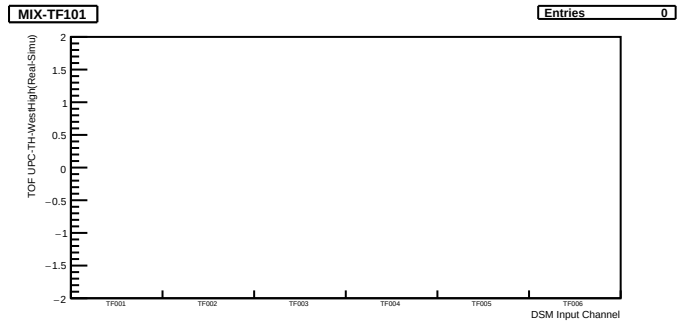

MIX-TF101
Entries 9262164
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

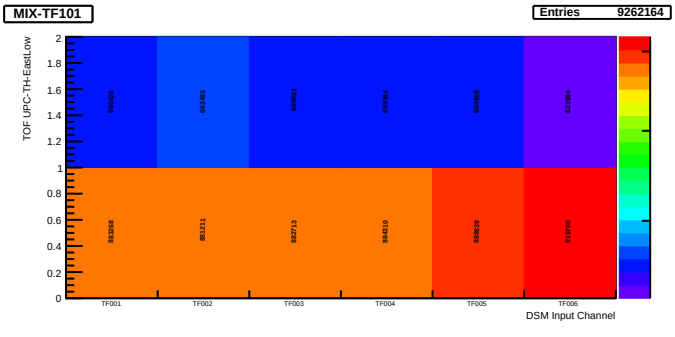

MIX-TF101
Entries 1228674
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

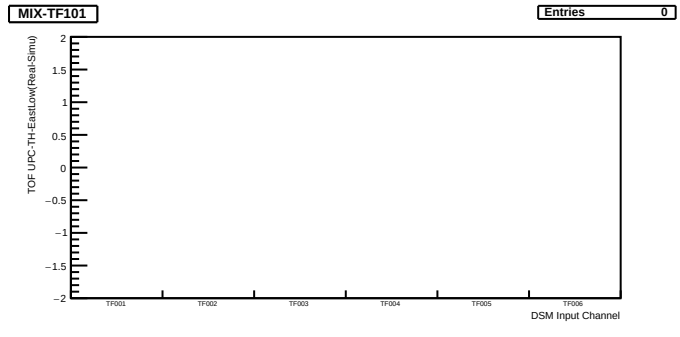

MIX-TF101
Entries 9262164
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

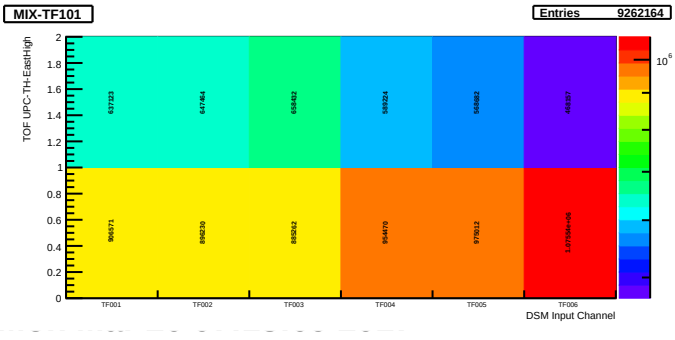

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

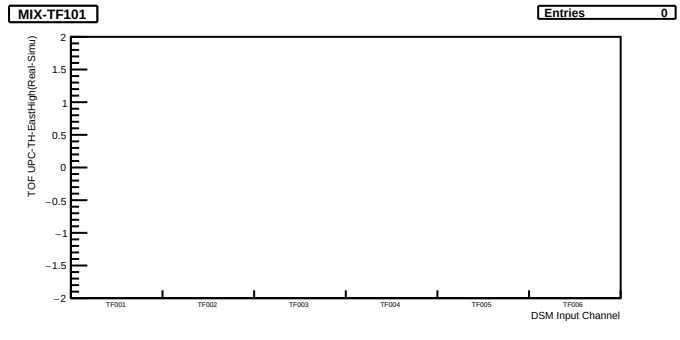

MIX-TF101
Entries 9262164
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

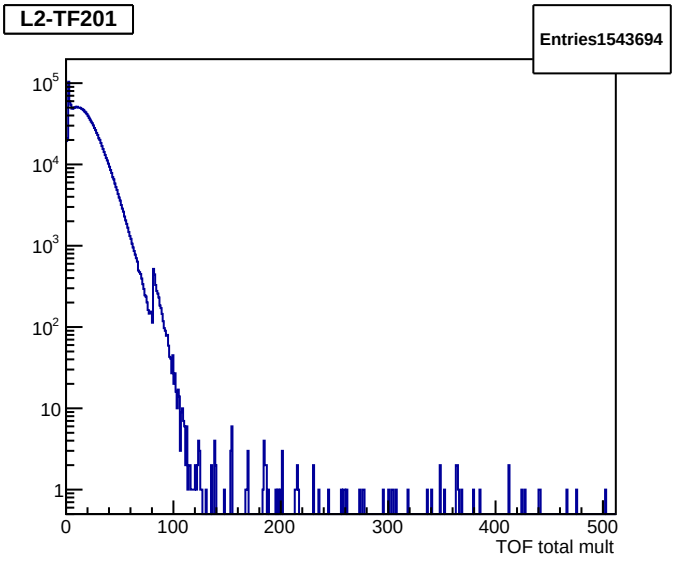

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

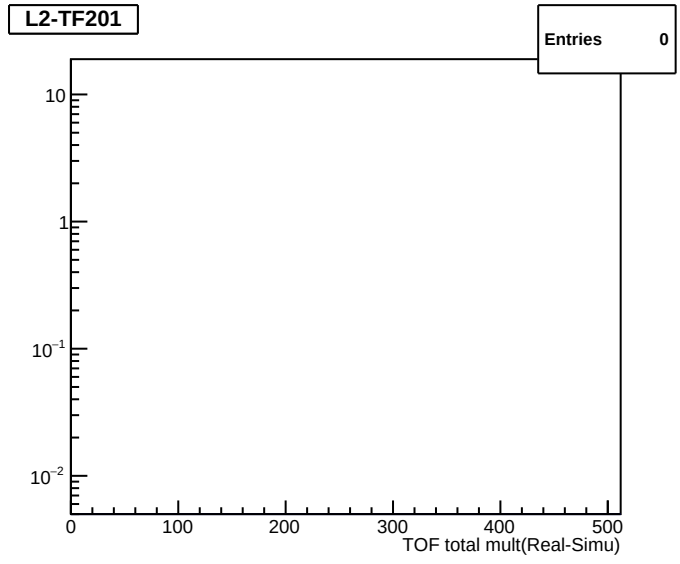

MIX-TF101
Entries 9262164
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

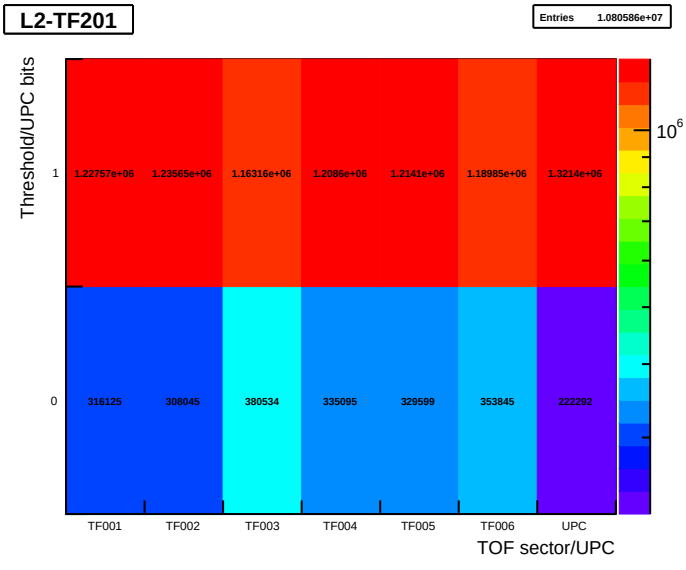

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

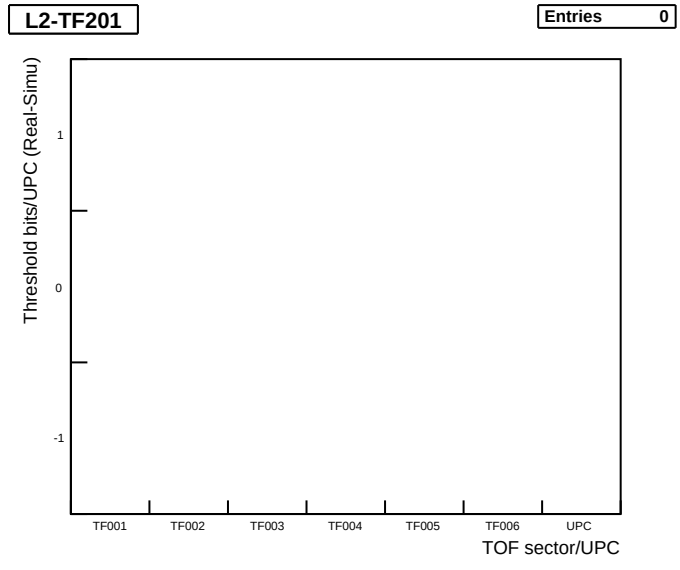

MIX-TF101
Entries 9262164
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

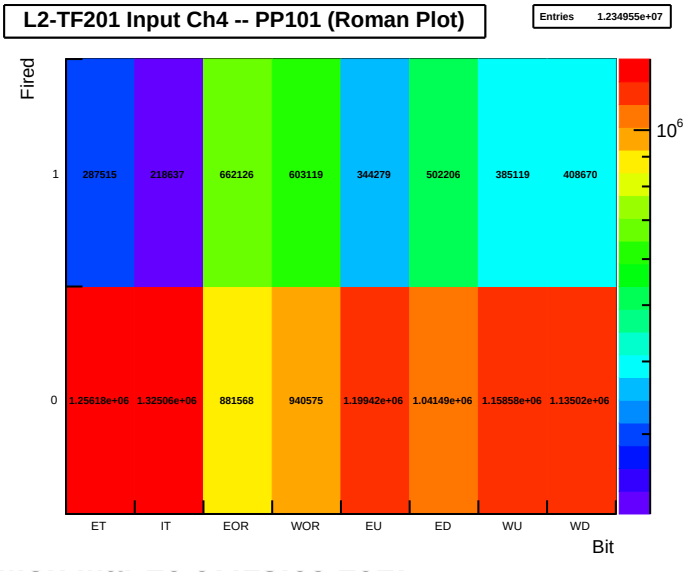

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

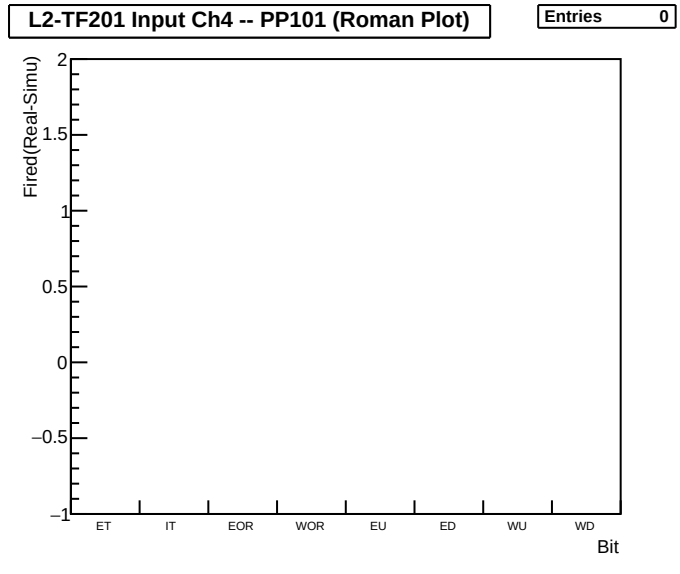

L2-TF201
Entries1543694
TOF total mult

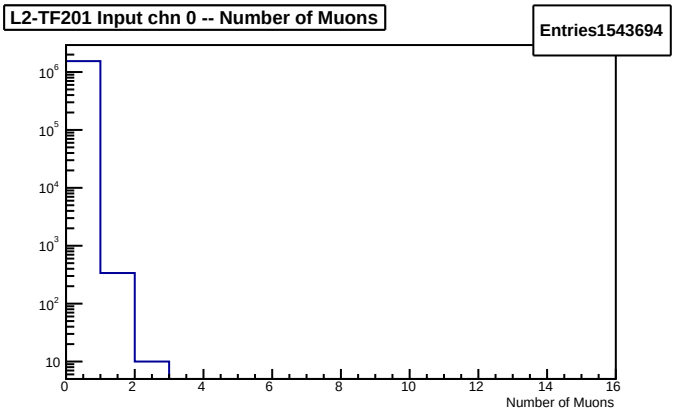

L2-TF201
Entries 0
TOF total mult(Real-Simu)

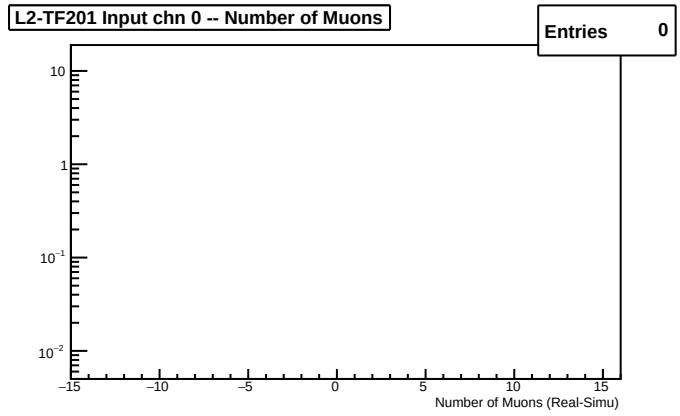

L2-TF201
Entries 1.080586e+07
Threshold/UPC bits
1.22757e+06
1.23565e+06
1.16316e+06
1.2086e+06
1.2141e+06
1.18985e+06
1.3214e+06
316125
308045
380534
335095
329599
353845
222292
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

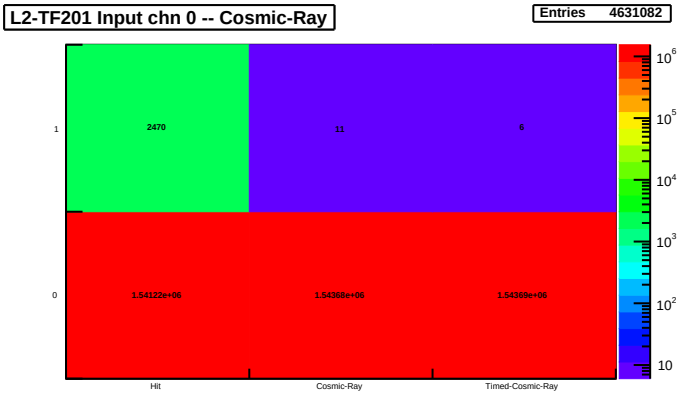

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

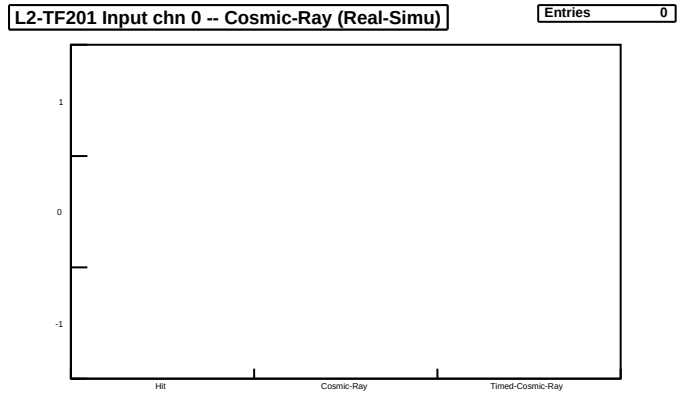

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.234955e+07
Fired
287515
218637
662126
603119
344279
502206
385119
408670
1.25618e+06
1.32506e+06
881568
940575
1.19942e+06
1.04149e+06
1.15858e+06
1.13502e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

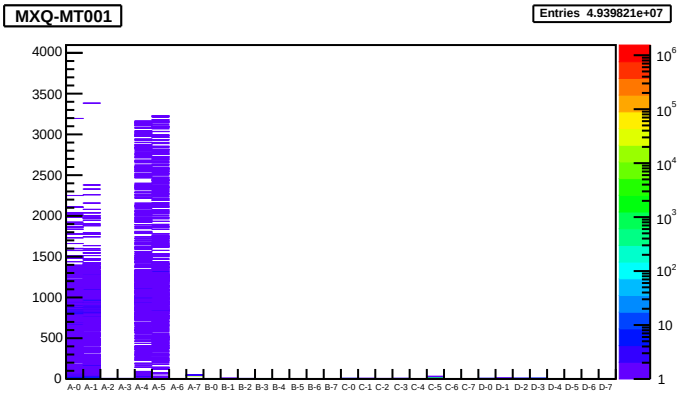

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

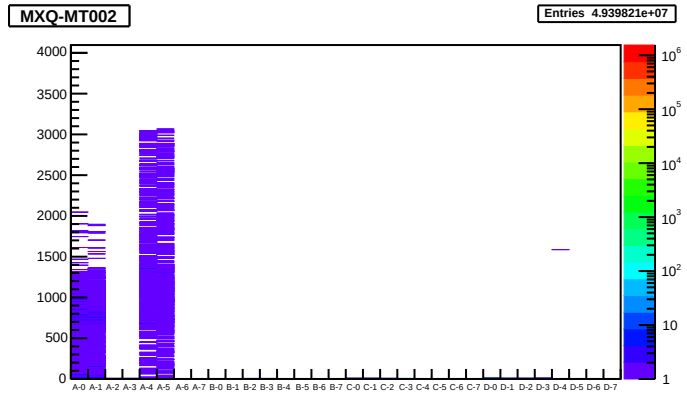

L2-TF201 Input chn 0 -- Number of Muons
Entries1543694
Number of Muons

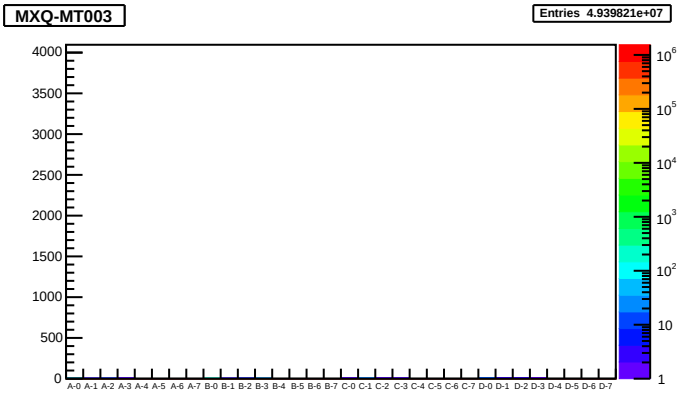

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

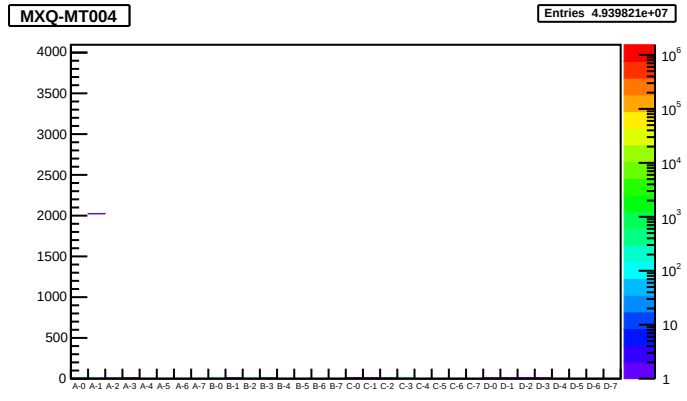

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4631082
2470
11
6
1.54122e+06
1.54368e+06
1.54369e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

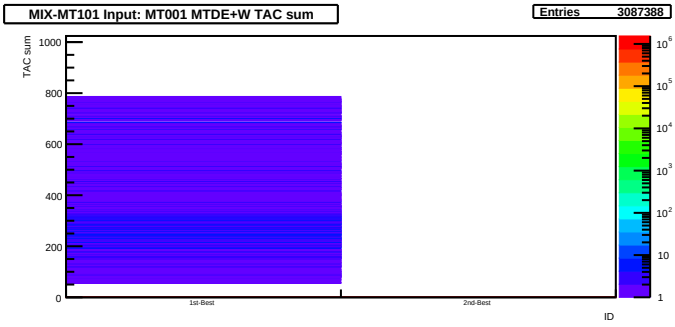

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

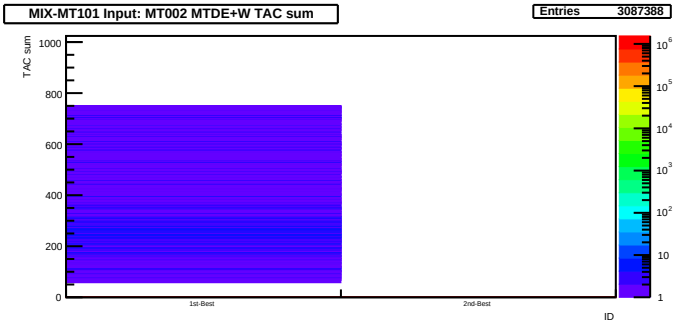

MXQ-MT001
Entries 4.939821e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

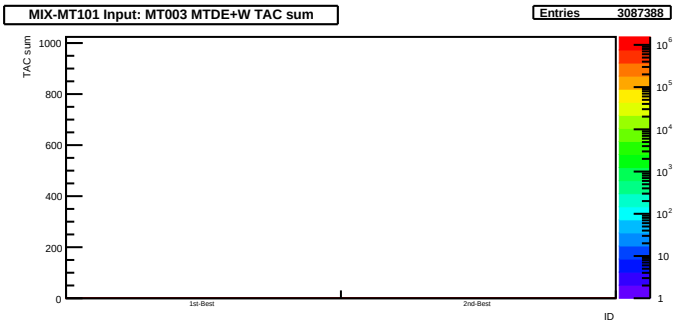

MXQ-MT002
Entries 4.939821e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

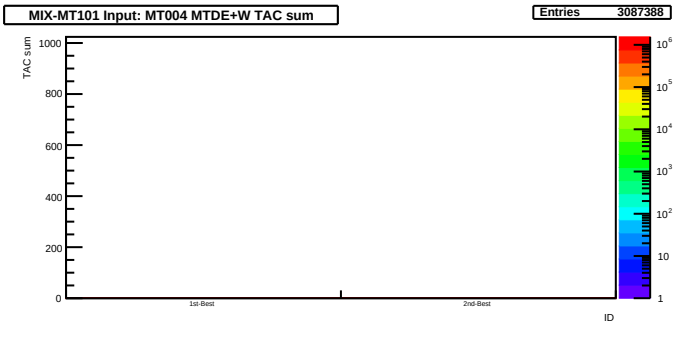

MXQ-MT003
Entries 4.939821e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

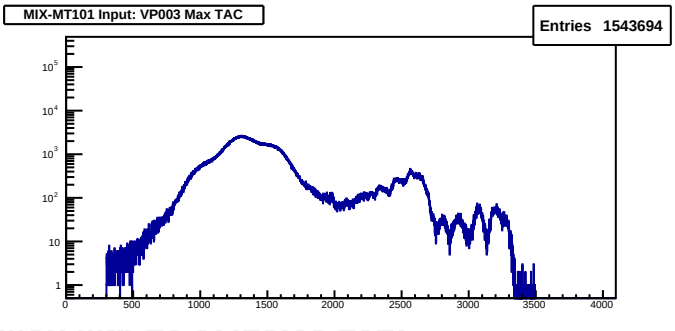

MXQ-MT004
Entries 4.939821e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

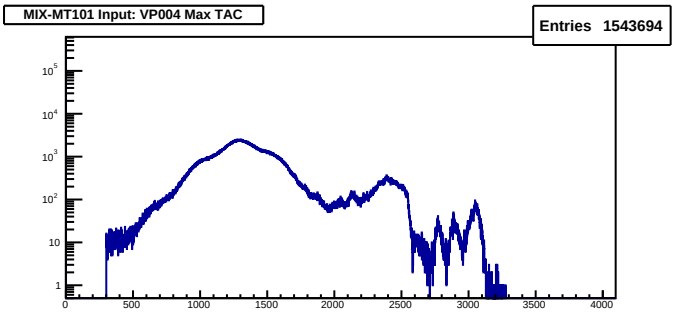

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3087388
TAC sum
1st-Best
2nd-Best
ID

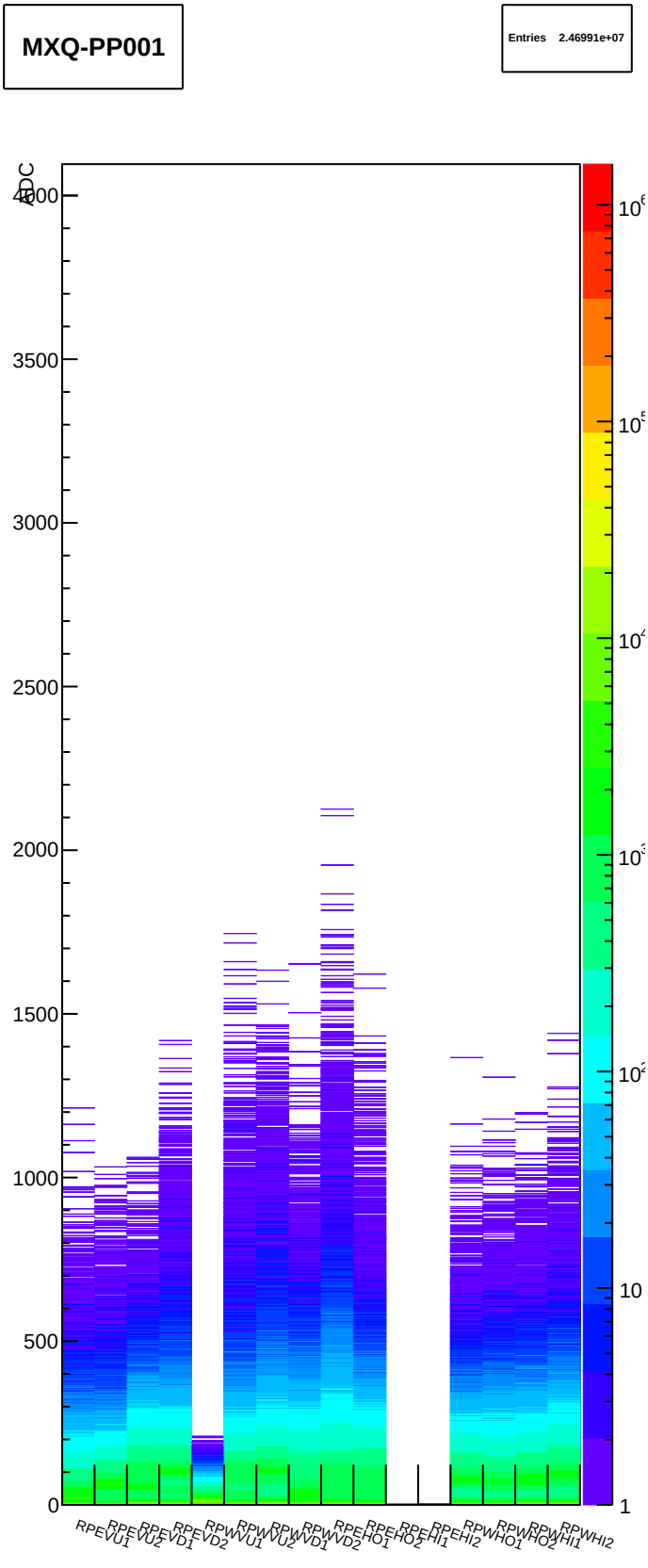

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3087388
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3087388
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3087388
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 1543694


MIX-MT101 Input: VP004 Max TAC
Entries 1543694


MXQ-PP001
Entries 2.46991e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
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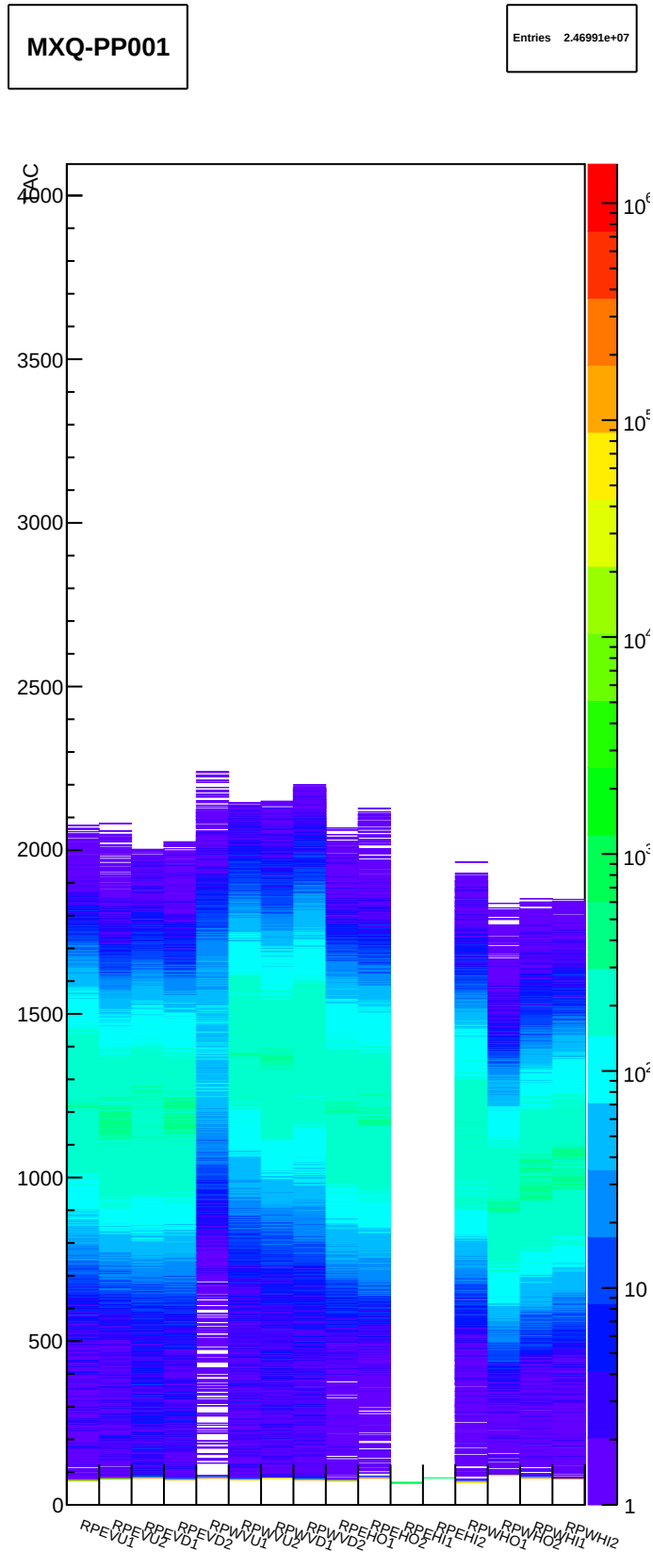
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 2.46991e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
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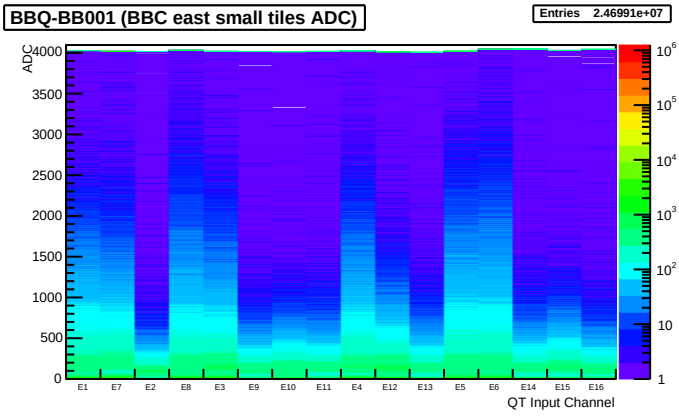
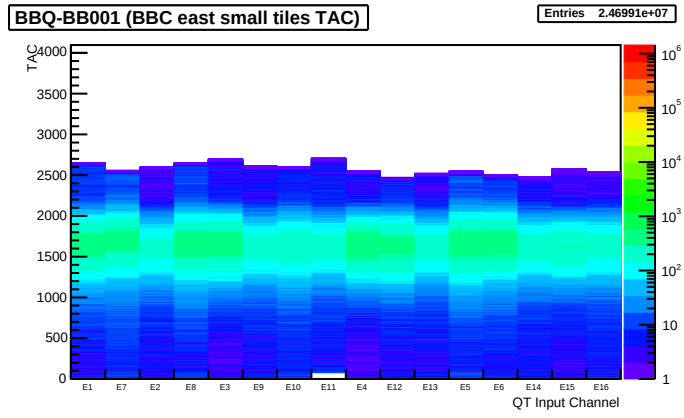
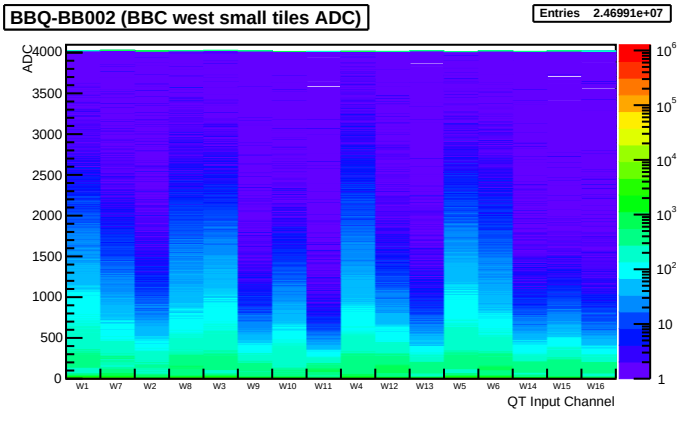
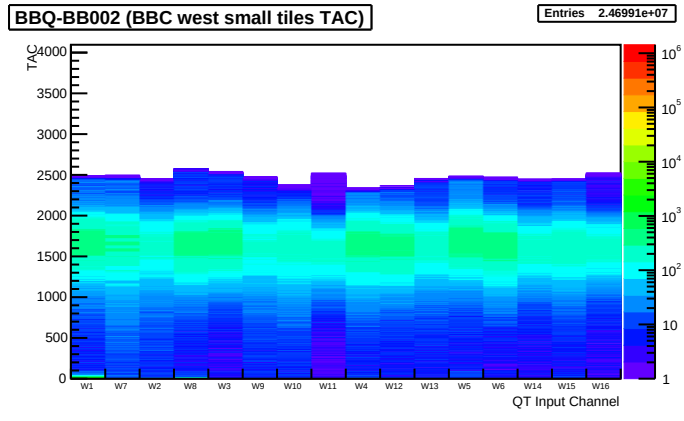
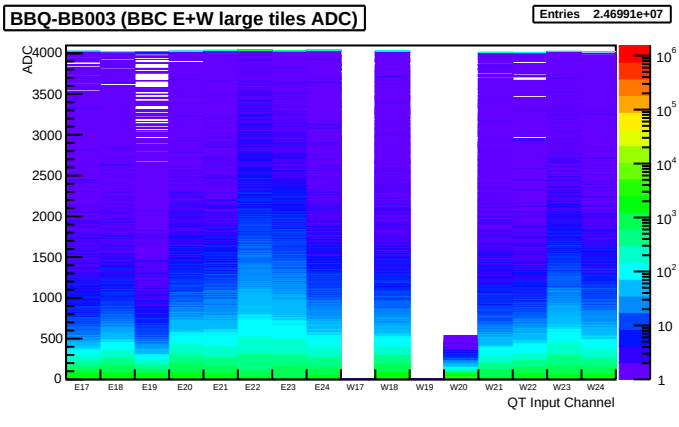
10^6
10^5
10^4
10^3
10^2
10
1

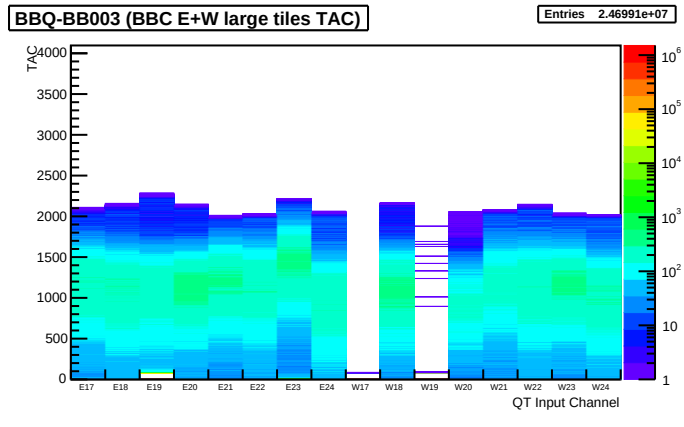

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.46991e+07
ADC
QT Input Channel

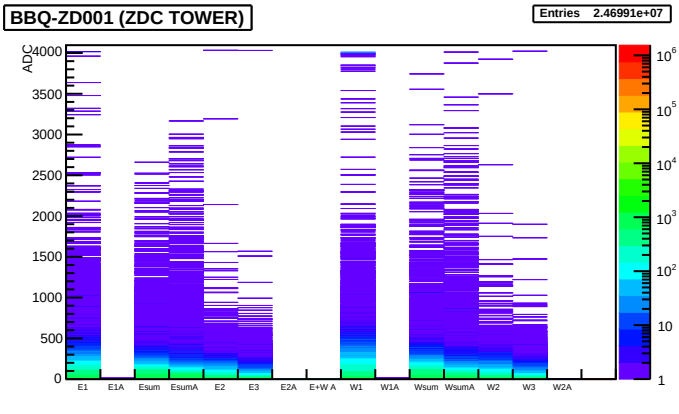

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.46991e+07
TAC
QT Input Channel

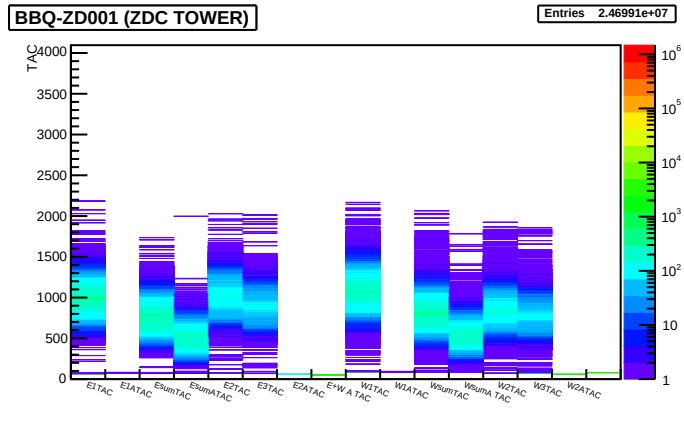

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.46991e+07
ADC
QT Input Channel

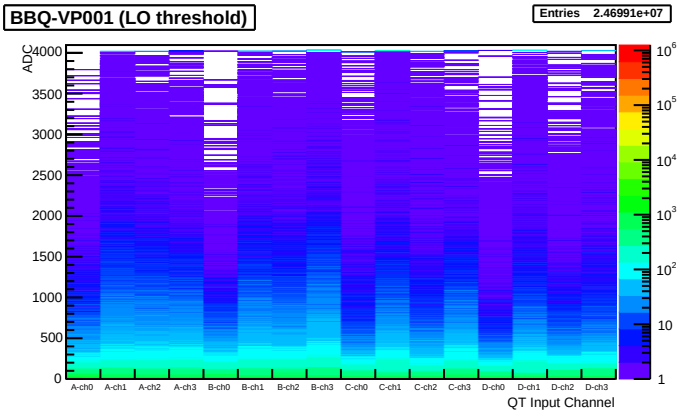

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.46991e+07
TAC
QT Input Channel

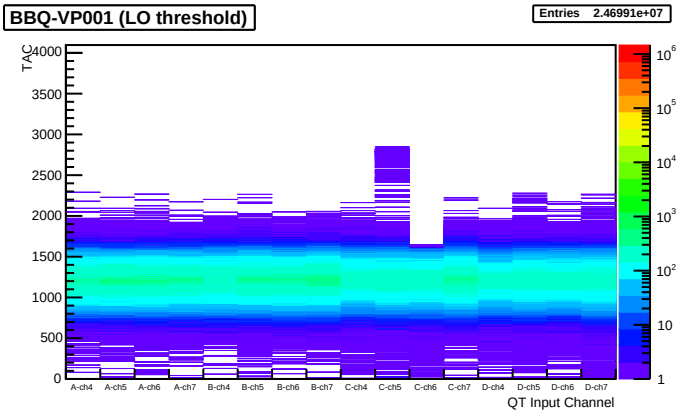

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.46991e+07
ADC
QT Input Channel

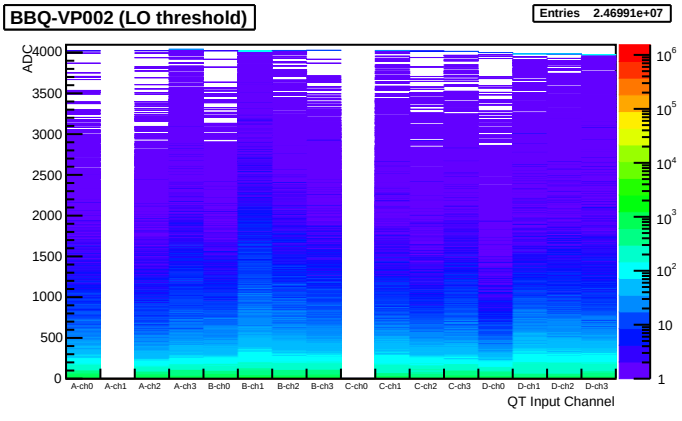

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.46991e+07
TAC
QT Input Channel

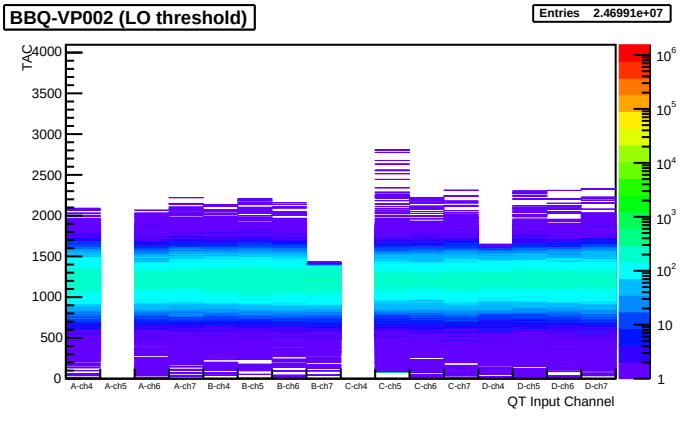

BBQ-ZD001 (ZDC TOWER)
Entries 2.46991e+07
ADC

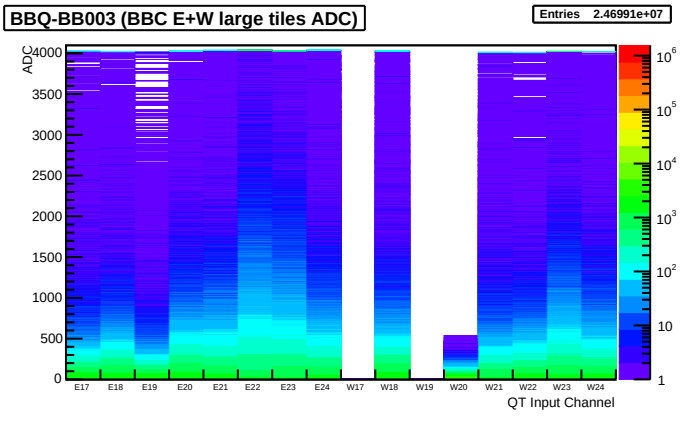

BBQ-ZD001 (ZDC TOWER)
Entries 2.46991e+07
TAC

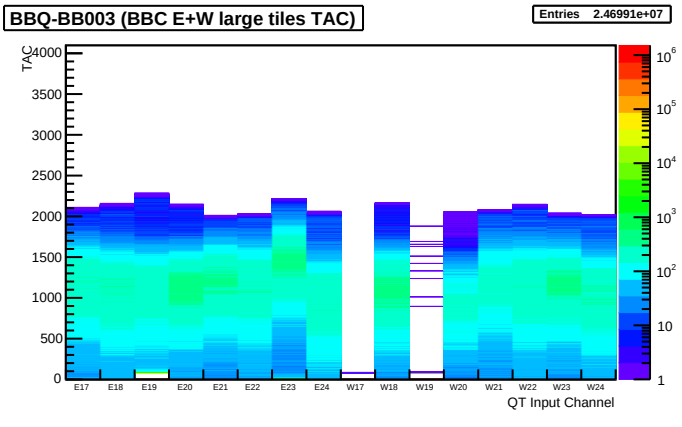

BBQ-VP001 (LO threshold)
Entries 2.46991e+07
ADC
QT Input Channel

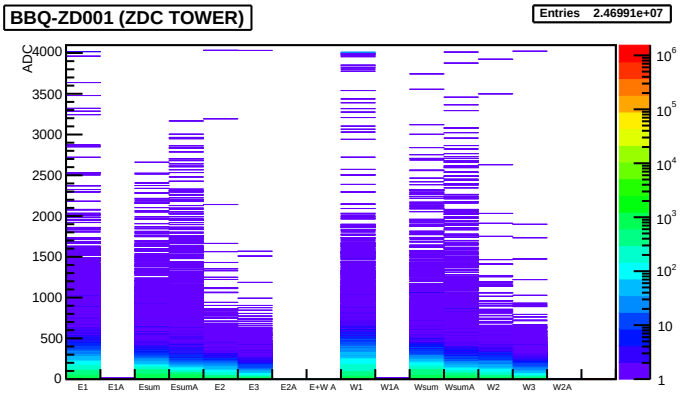

BBQ-VP001 (LO threshold)
Entries 2.46991e+07
TAC
QT Input Channel

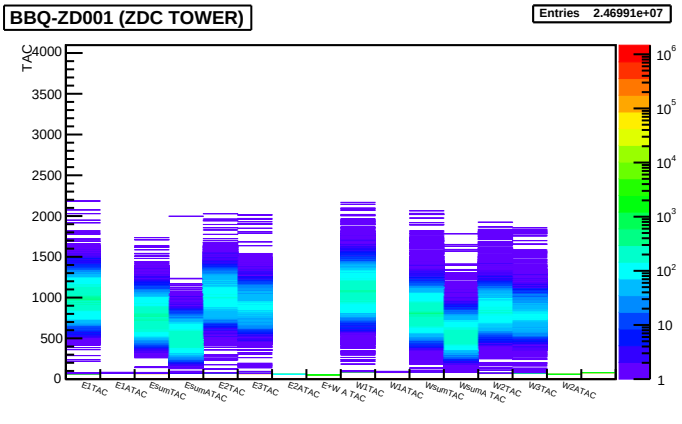

BBQ-VP002 (LO threshold)
Entries 2.46991e+07
ADC
QT Input Channel

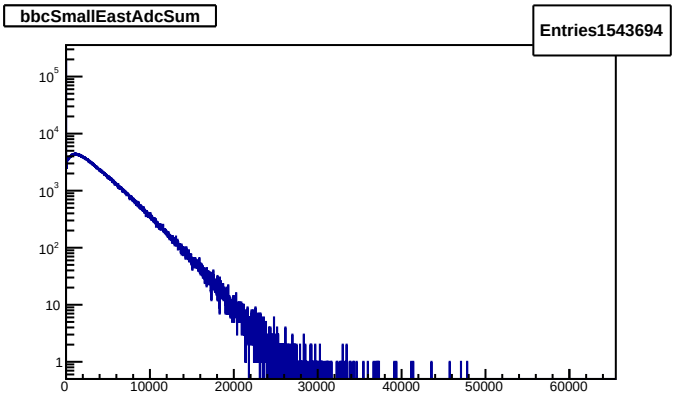

BBQ-VP002 (LO threshold)
Entries 2.46991e+07
TAC
QT Input Channel

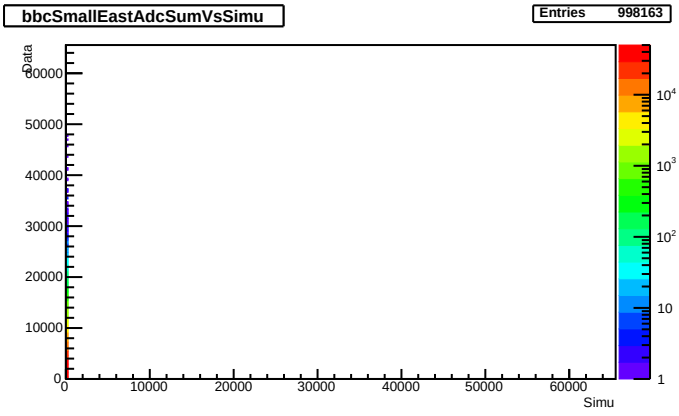

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.46991e+07
ADC
QT Input Channel

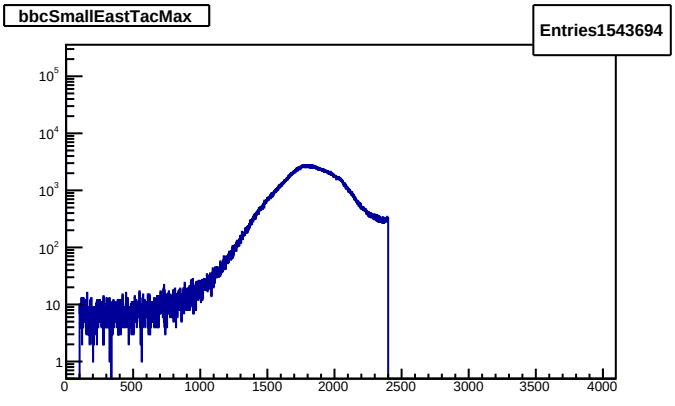

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.46991e+07
TAC
QT Input Channel

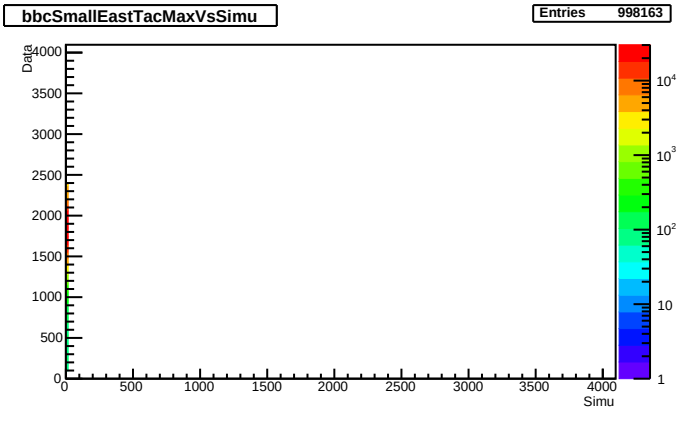

BBQ-ZD001 (ZDC TOWER)
Entries 2.46991e+07
ADC

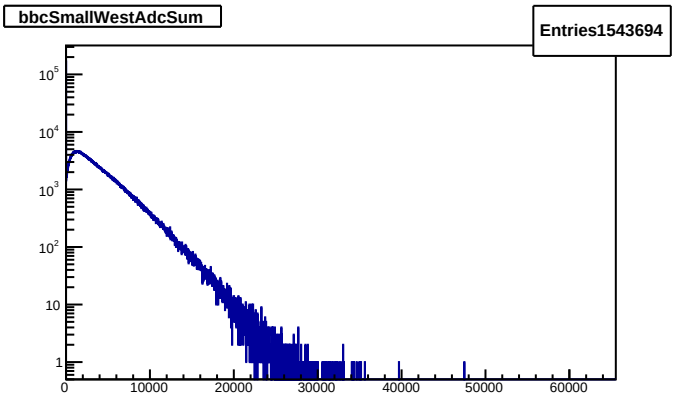

BBQ-ZD001 (ZDC TOWER)
Entries 2.46991e+07
TAC

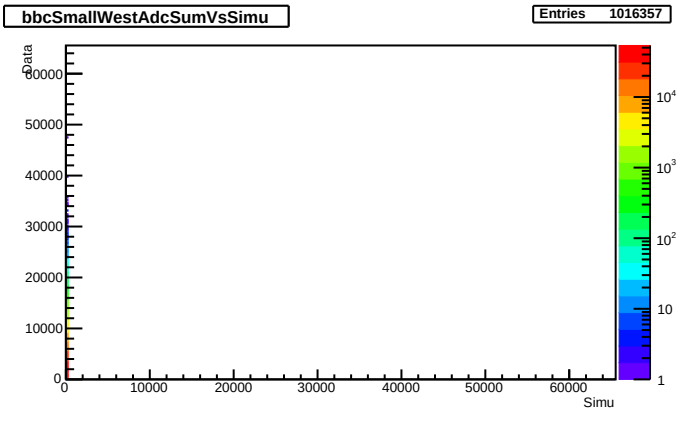

bbcSmallEastAdcSum
Entries1543694

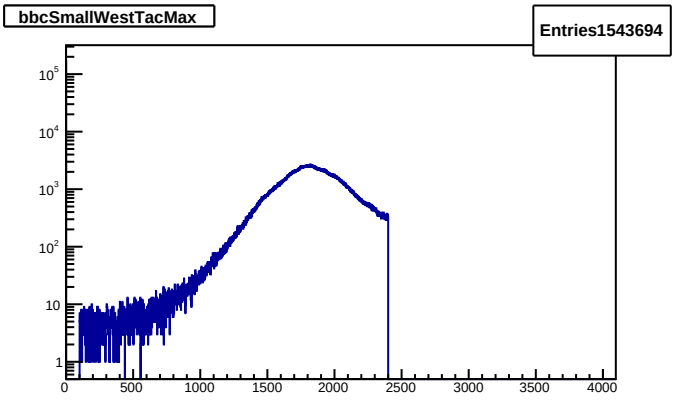

bbcSmallEastAdcSumVsSimu
Entries 998163
Data
Simu

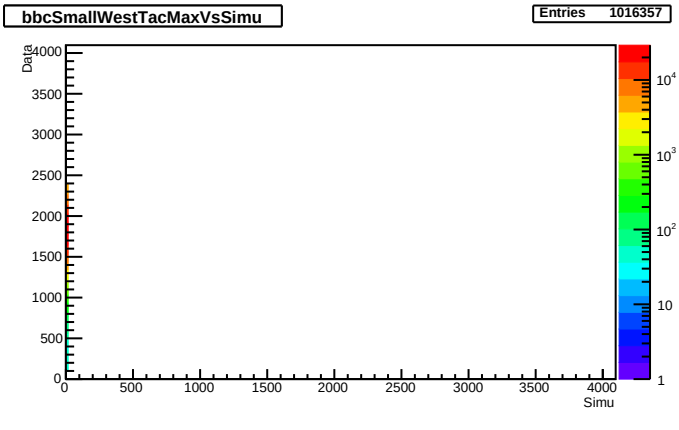

bbcSmallEastTacMax
Entries1543694

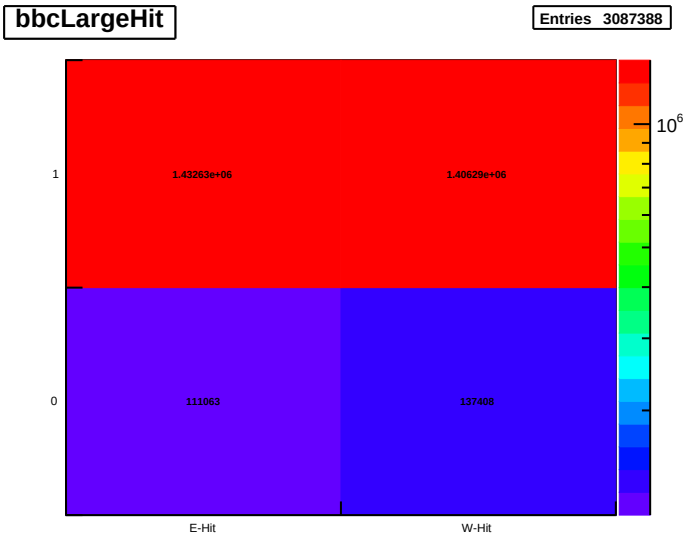

bbcSmallEastTacMaxVsSimu
Entries 998163
Data
Simu

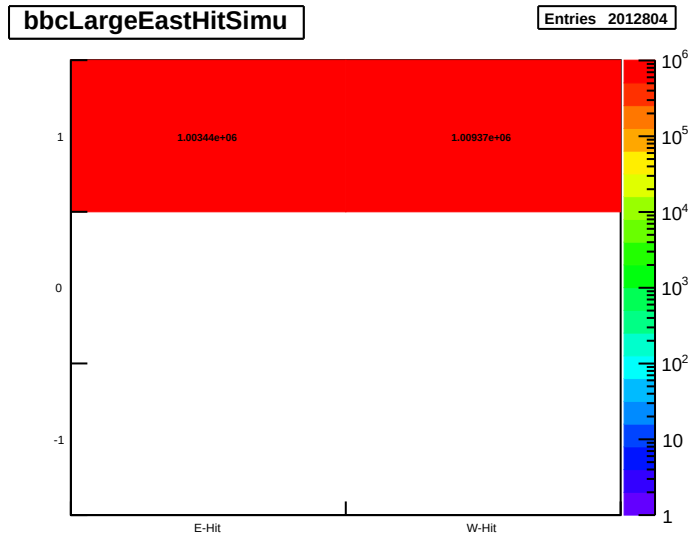

bbcSmallWestAdcSum
Entries1543694

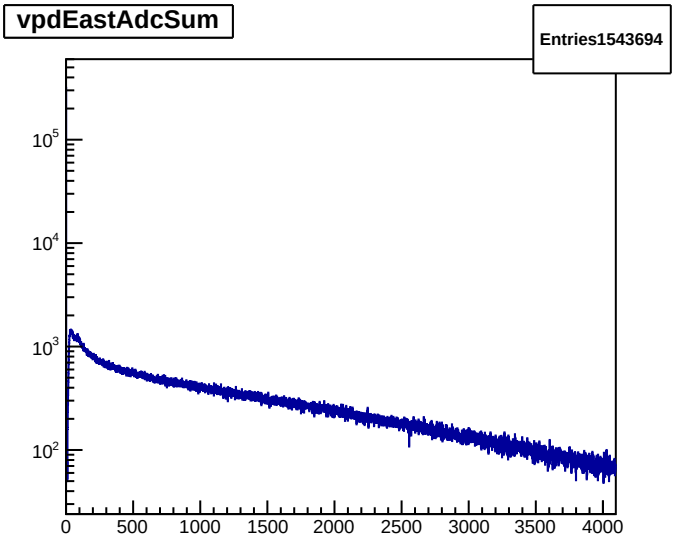

bbcSmallWestAdcSumVsSimu
Entries 1016357
Data
Simu

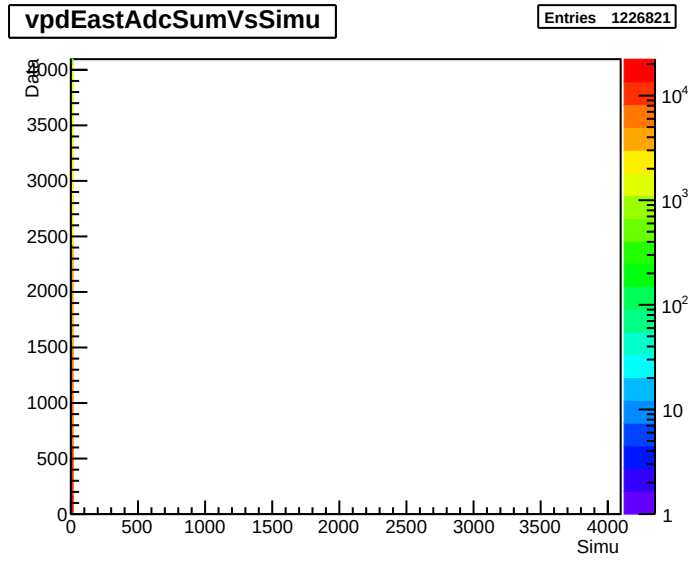

bbcSmallWestTacMax
Entries1543694

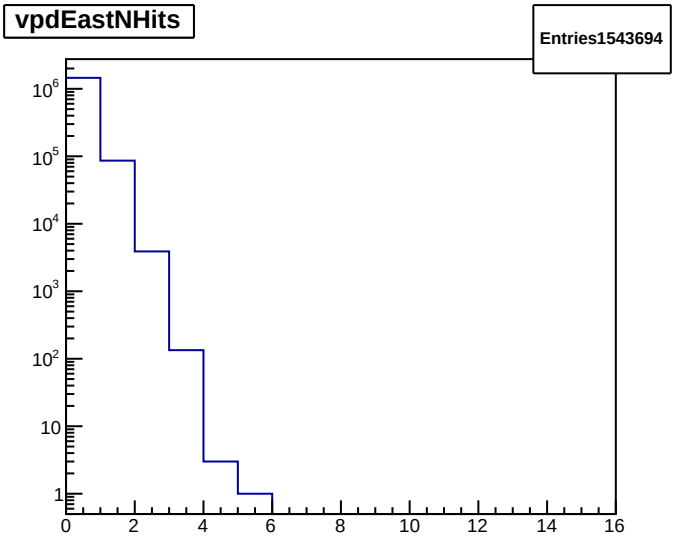

bbcSmallWestTacMaxVsSimu
Entries 1016357
Data
Simu

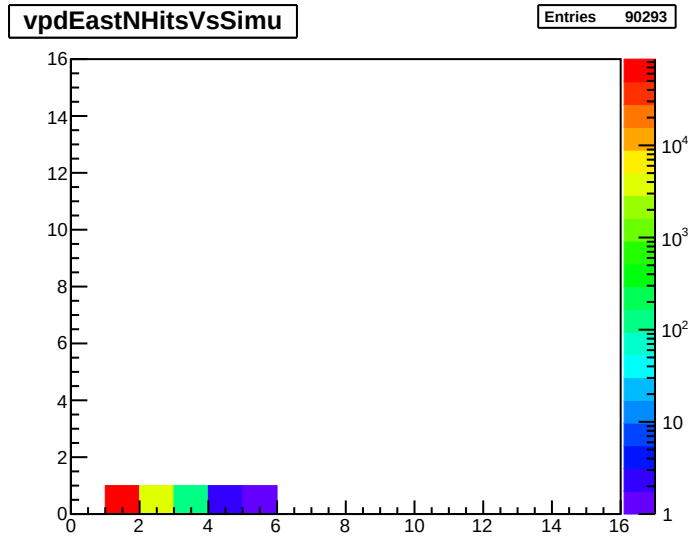

bbcLargeHit
Entries 3087388
1.43263e+06
1.40629e+06
111063
137408
1
0
E-Hit
W-Hit
10^6

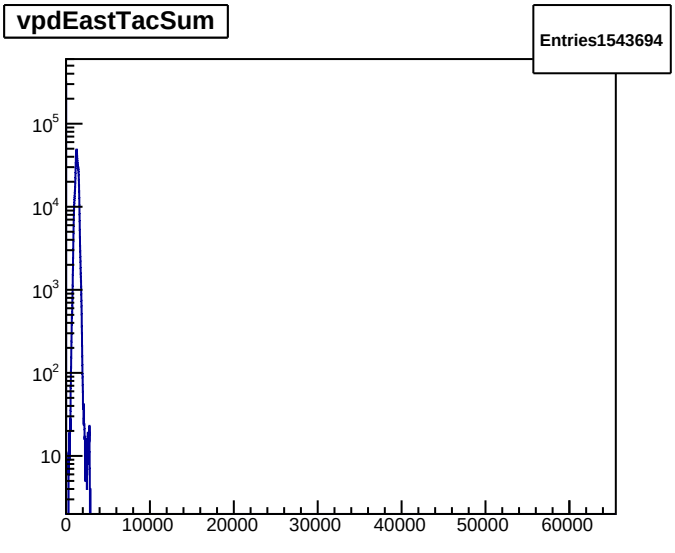

bbcLargeEastHitSimu
Entries 2012804
1.00344e+06
1.00937e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

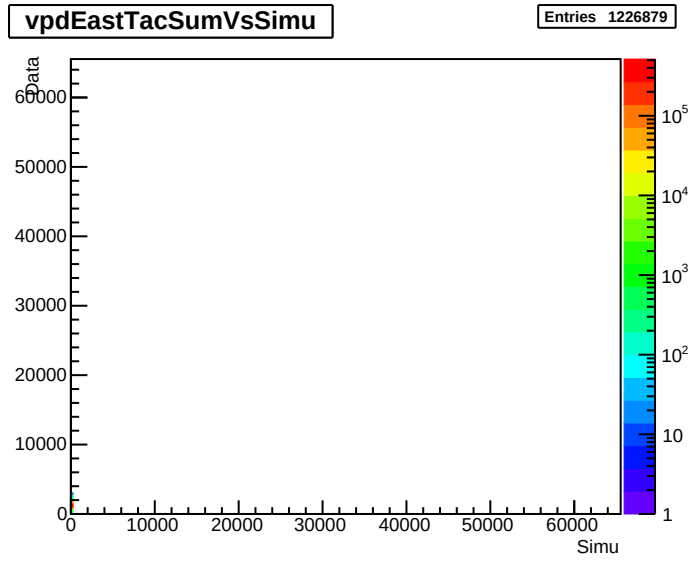

vpdEastAdcSum
Entries1543694

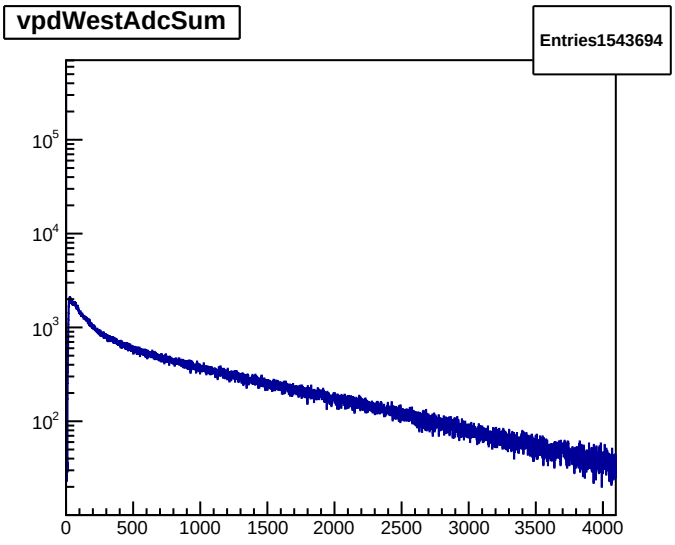

vpdEastAdcSumVsSimu
Entries 1226821
Data
Simu

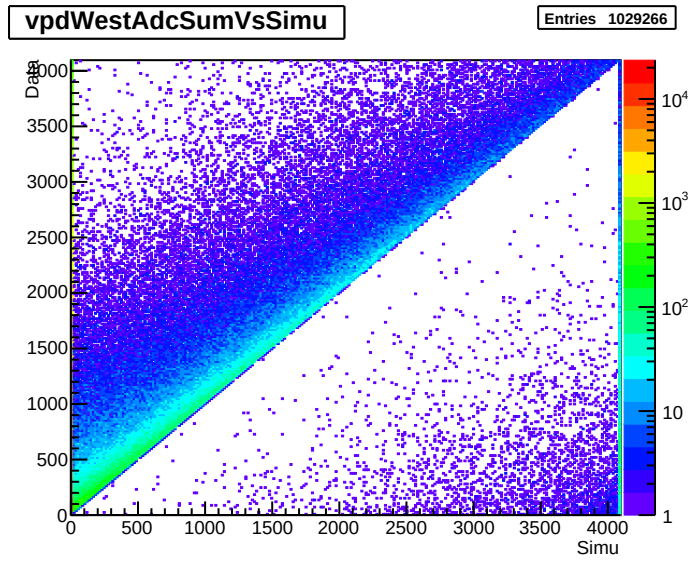

vpdEastNHits
Entries1543694

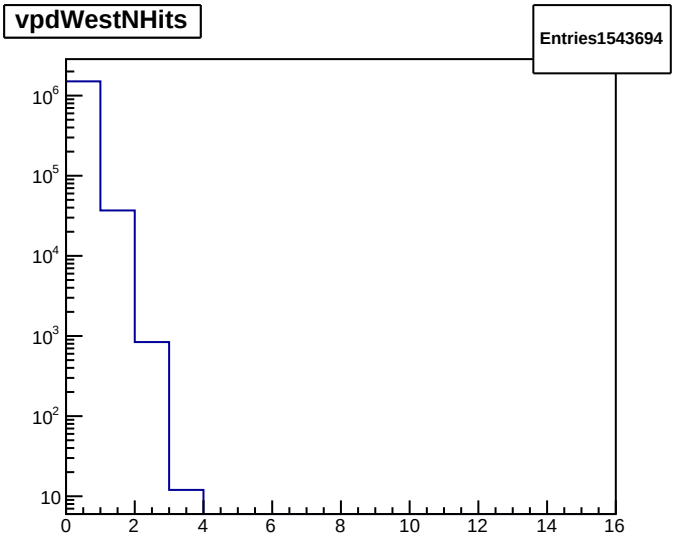

vpdEastNHitsVsSimu
Entries 90293

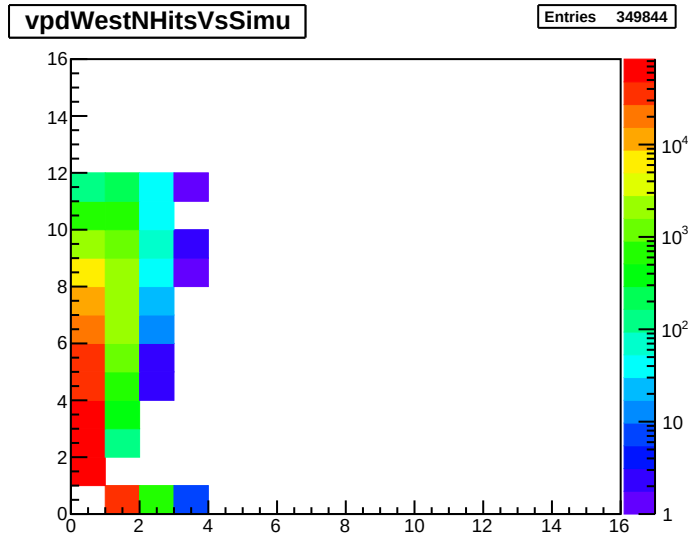

vpdEastTacSum
Entries1543694

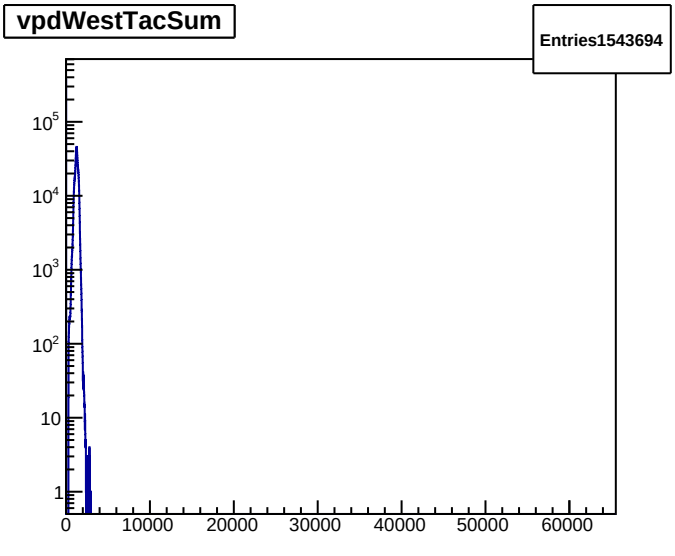

vpdEastTacSumVsSimu
Entries 1226879
Data
Simu

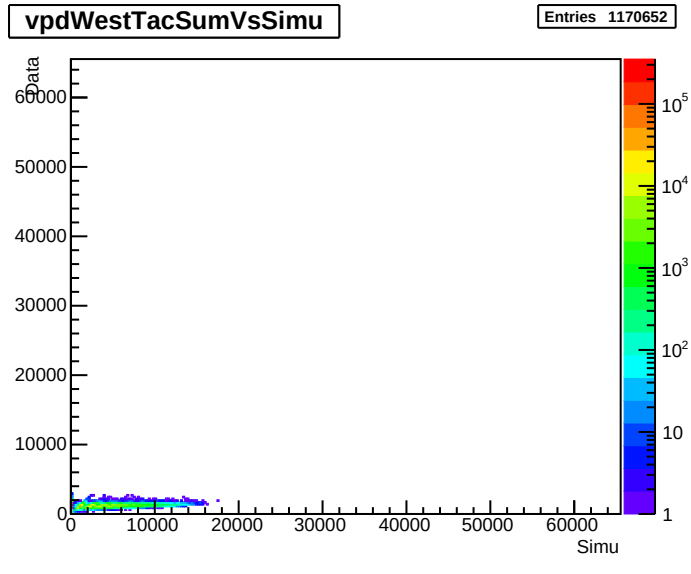

vpdWestAdcSum
Entries1543694

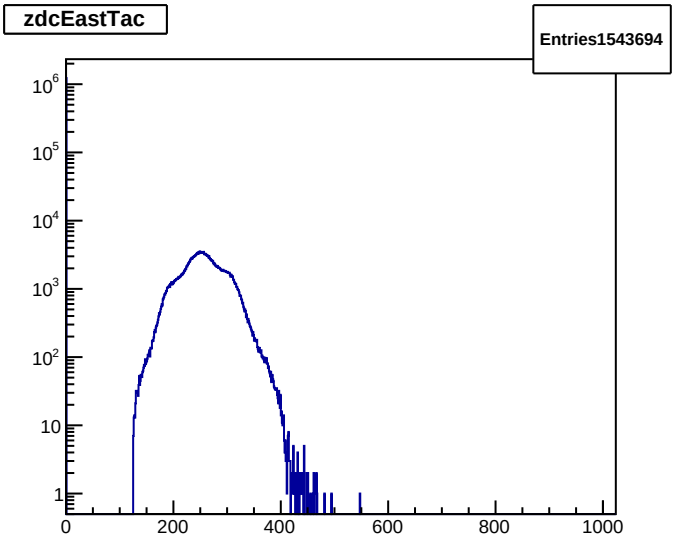

vpdWestAdcSumVsSimu
Entries 1029266
Data
Simu

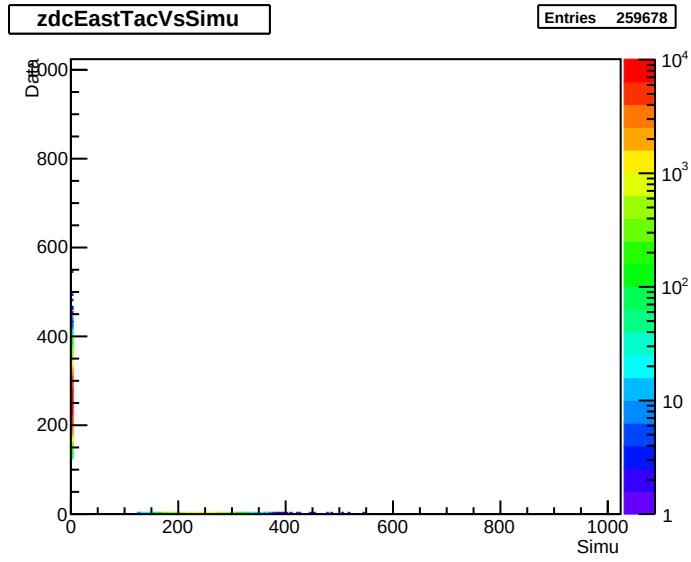

vpdWestNHits
Entries1543694

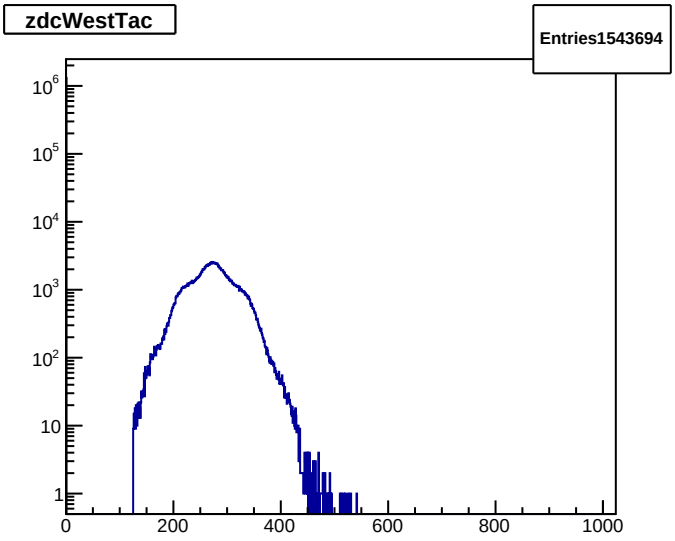

vpdWestNHitsVsSimu
Entries 349844

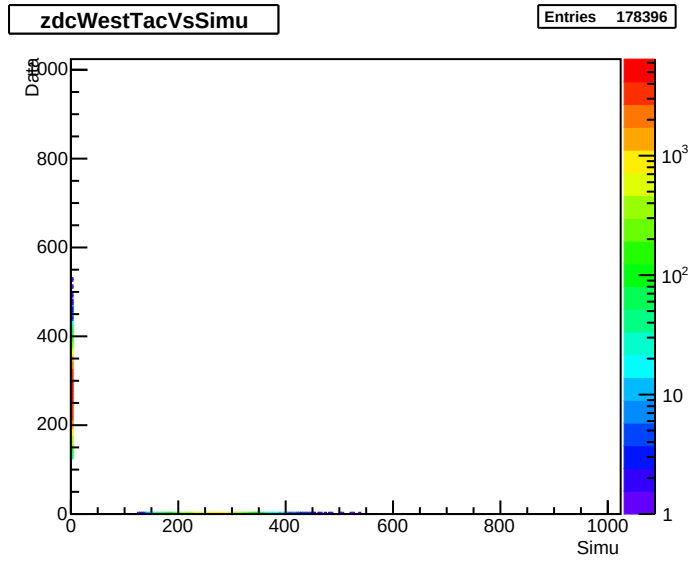

vpdWestTacSum
Entries1543694

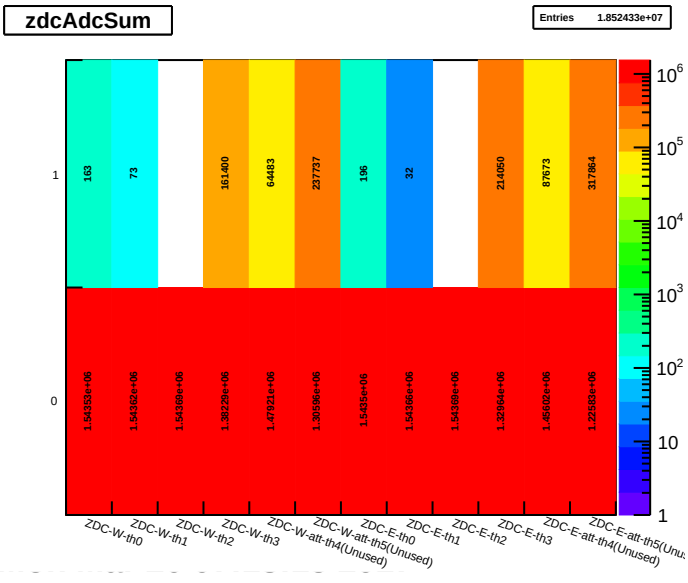

vpdWestTacSumVsSimu
Entries 1170652
Data
Simu

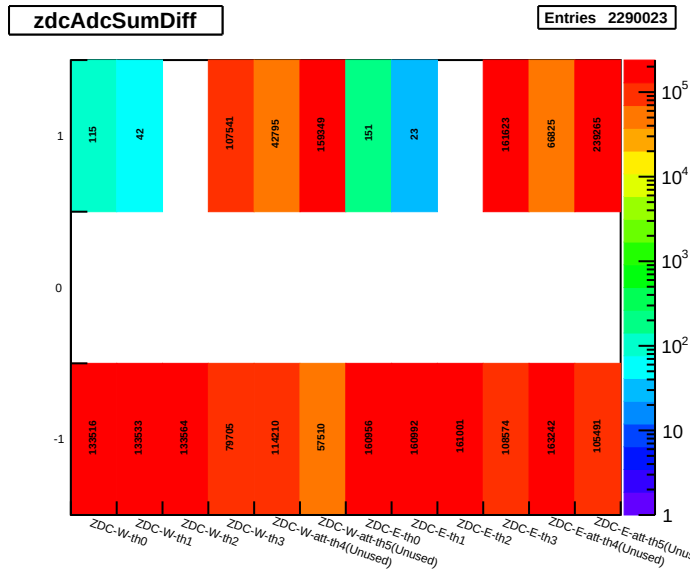

zdcEastTac
Entries1543694

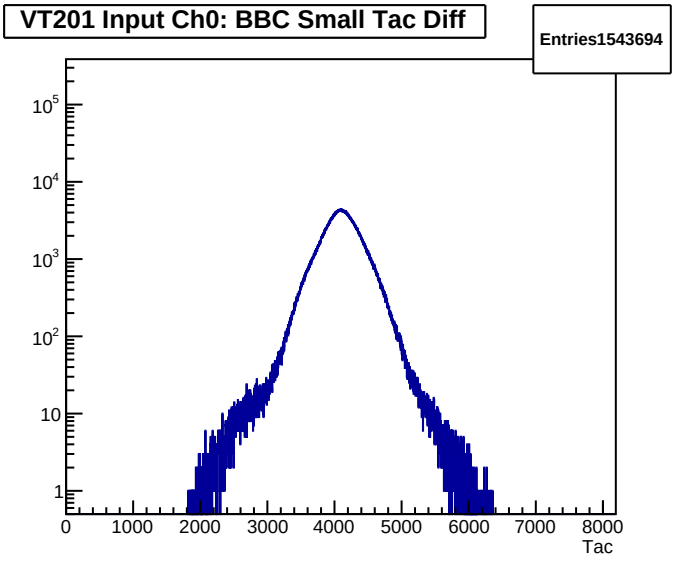

zdcEastTacVsSimu
Entries 259678
Data
Simu

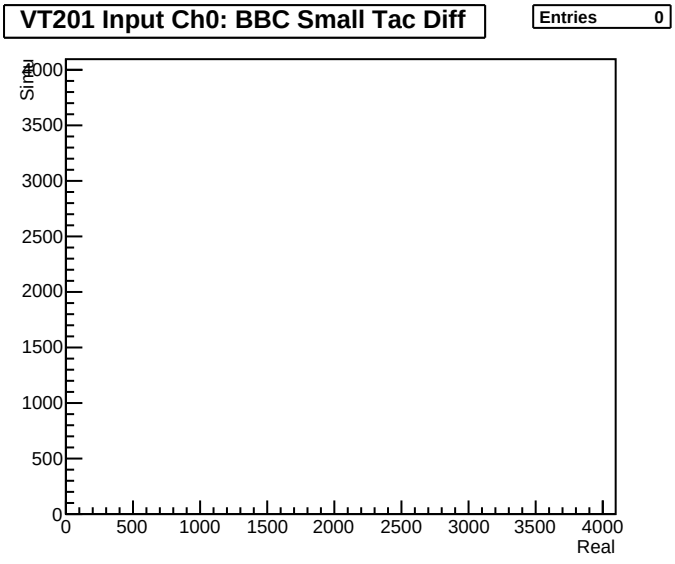

zdcWestTac
Entries1543694

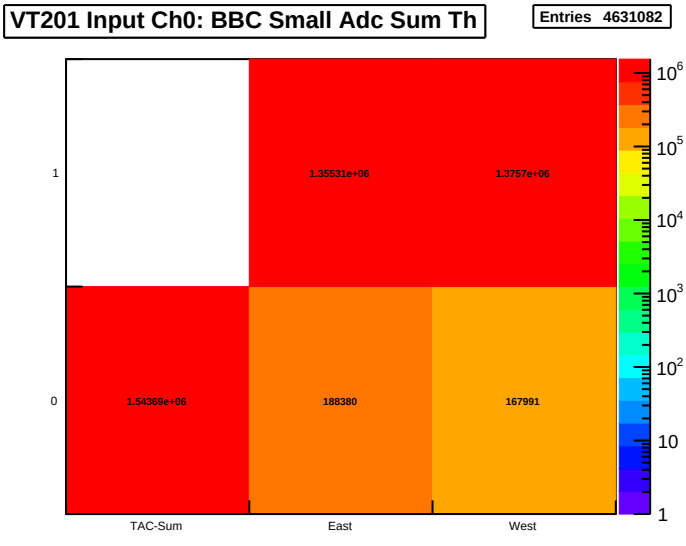

zdcWestTacVsSimu
Entries 178396
Data
Simu

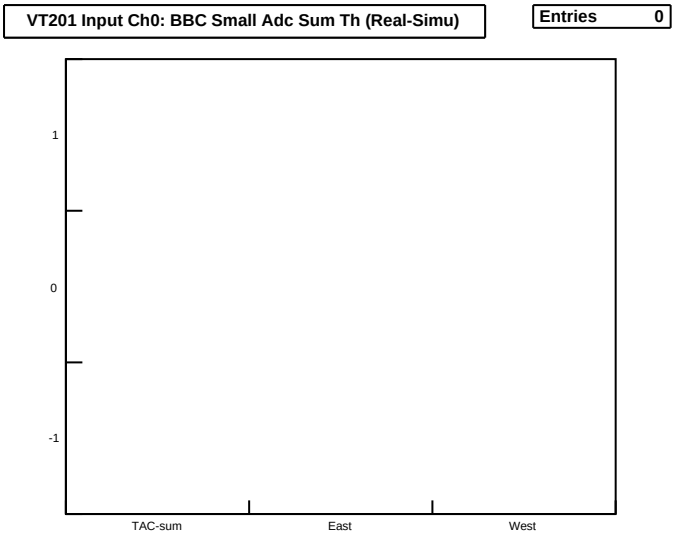

zdcAdcSum
Entries 1.852433e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

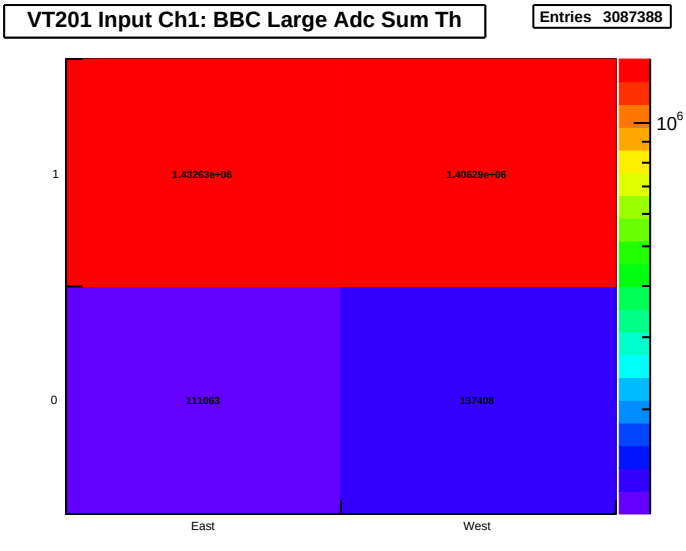

zdcAdcSumDiff
Entries 2290023
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

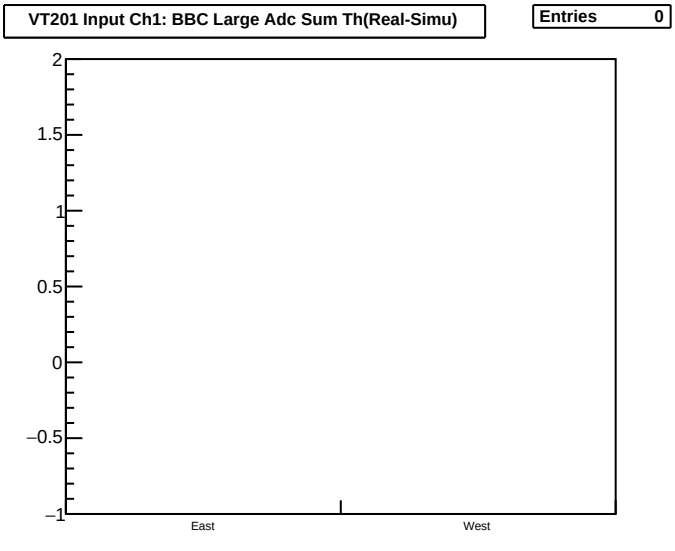

VT201 Input Ch0: BBC Small Tac Diff
Entries1543694
Tac


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

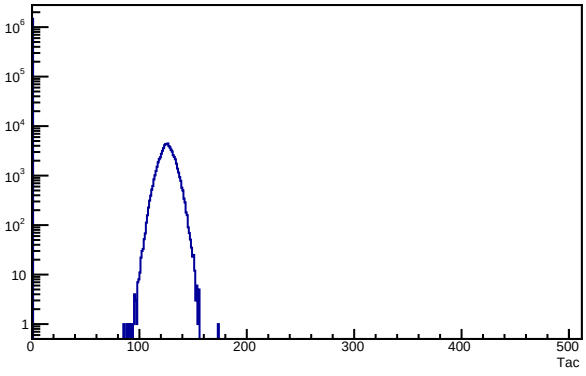

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4631082
1.35531e+06
1.3757e+06
1.54369e+06
188380
167991
TAC-Sum
East
West


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

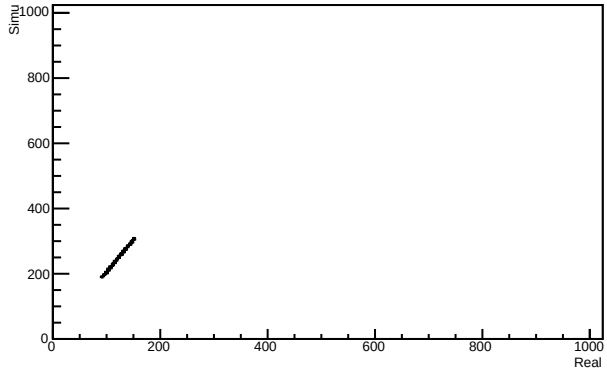

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3087388
1.43263e+06
1.40629e+06
111063
137408
East
West


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

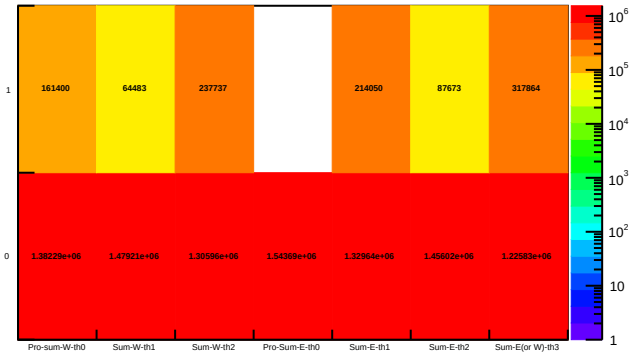
VT201 Input Ch2: ZDC Tac Diff



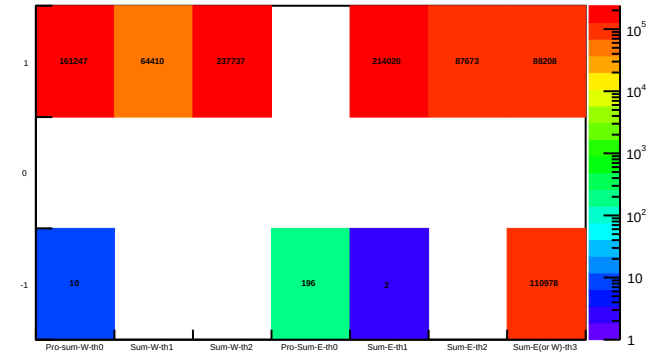
VT201 Input Ch2: ZDC Tac Diff



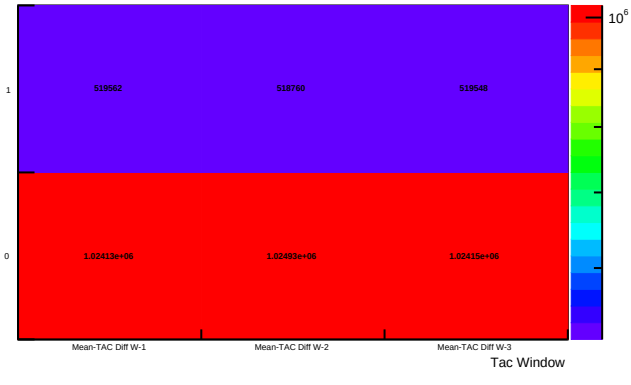
VT201 Input Ch2: ZDC Adc Sum Th



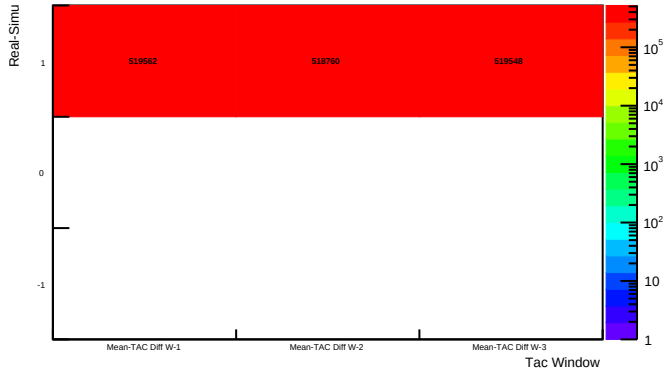
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



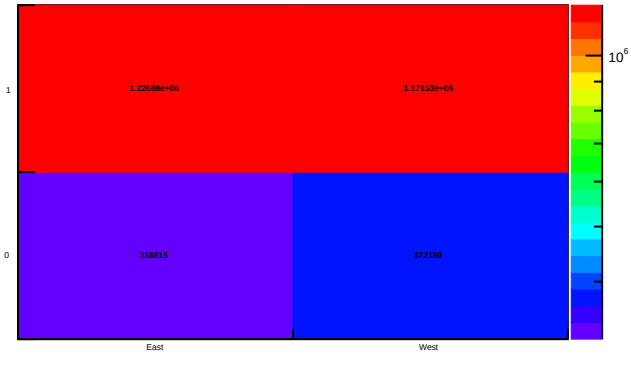
VT201 Input Ch4: VPD Tac Diff



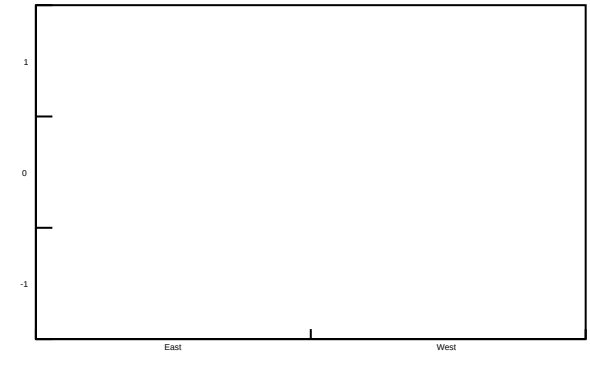
VT201 Input Ch4: VPD Tac Diff

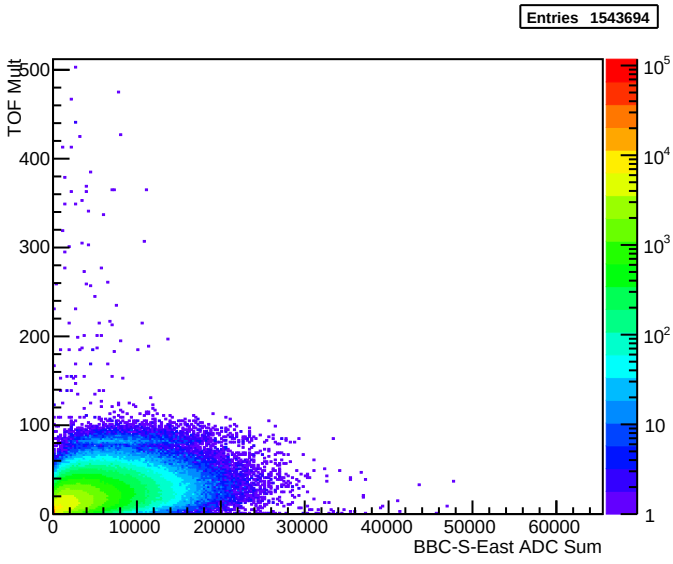


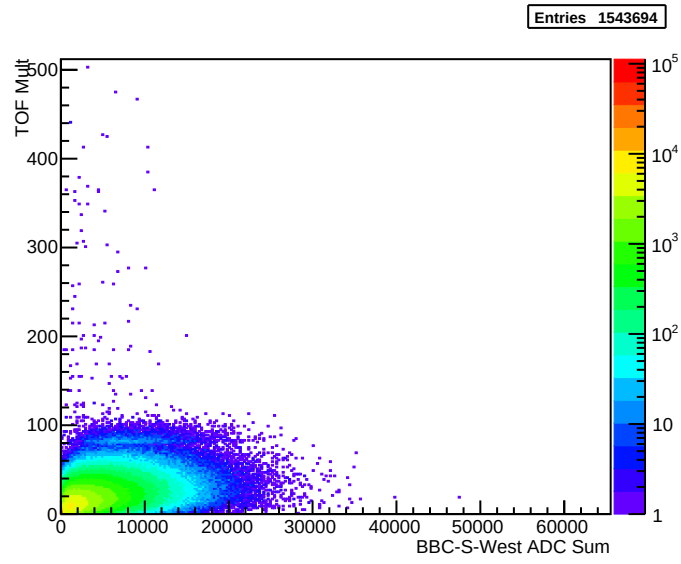
VT201 Input Ch4: VPD Adc Sum Th

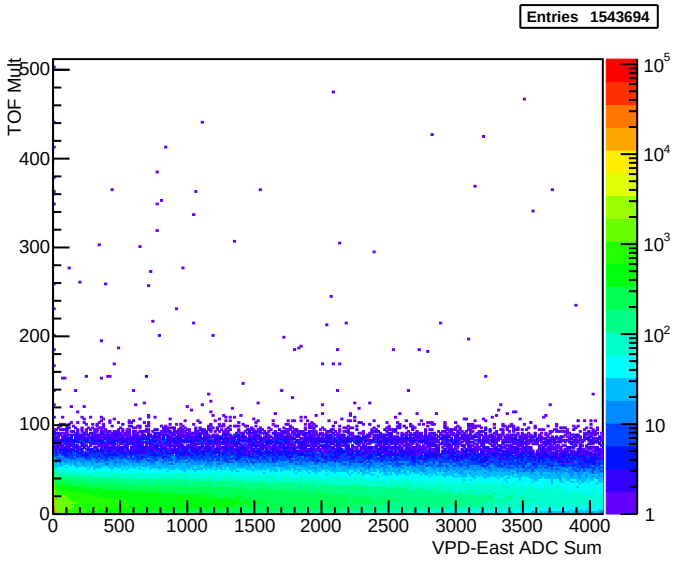


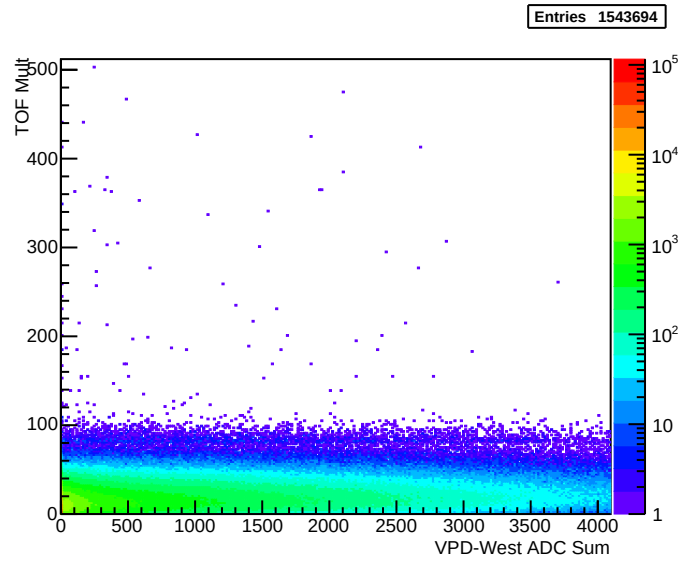
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

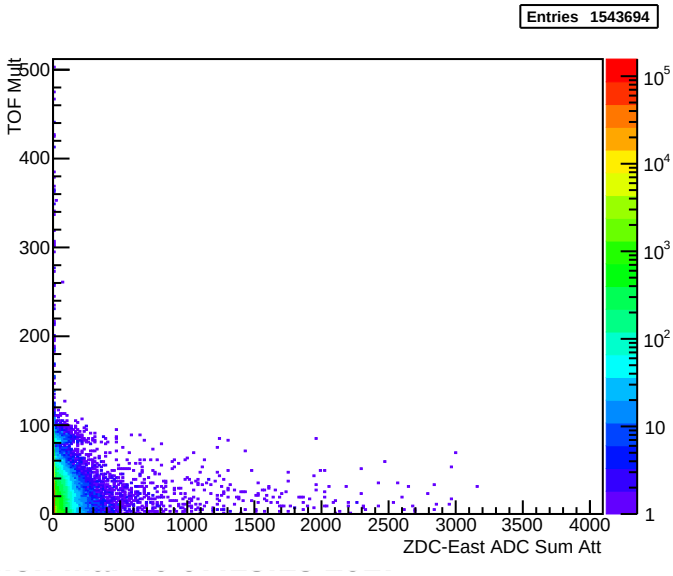


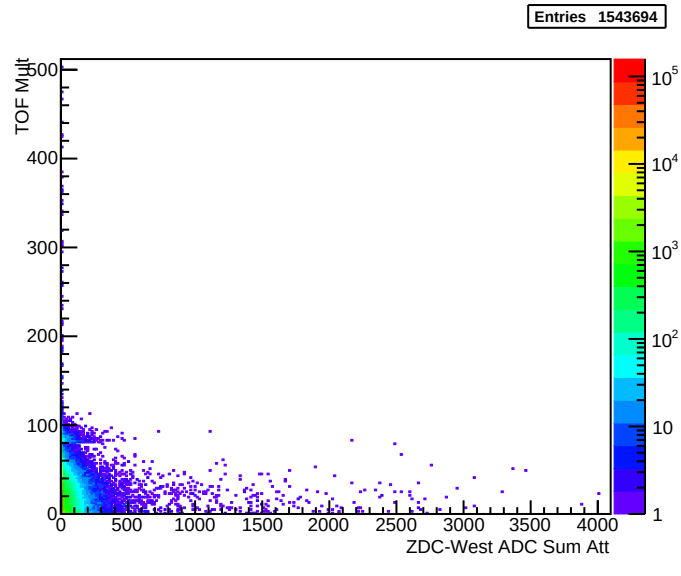

Entries 1543694
TOF Mult
BBC-S-East ADC Sum

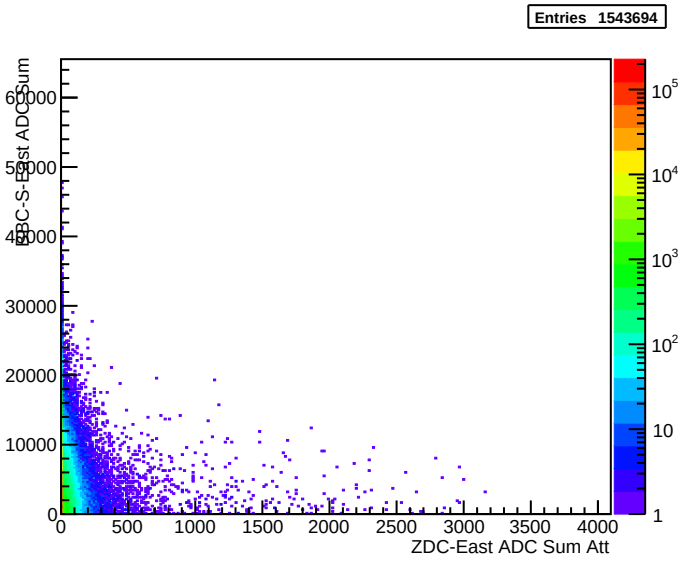

Entries 1543694
TOF Mult
BBC-S-West ADC Sum

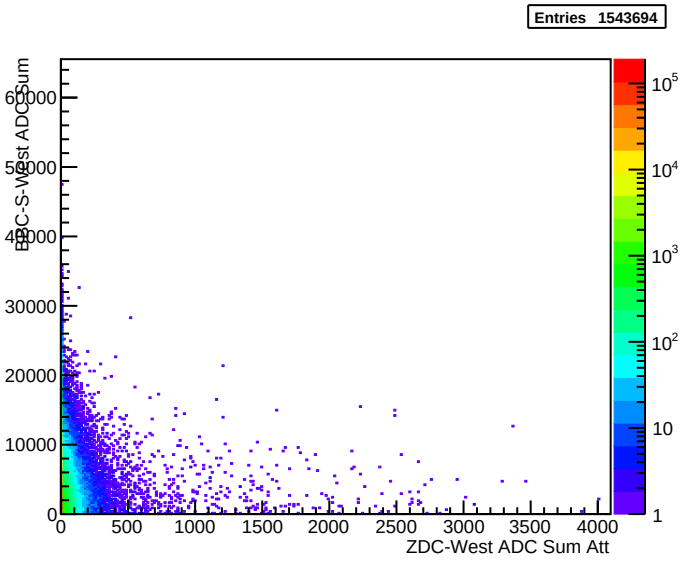

Entries 1543694
TOF Mult
VPD-East ADC Sum

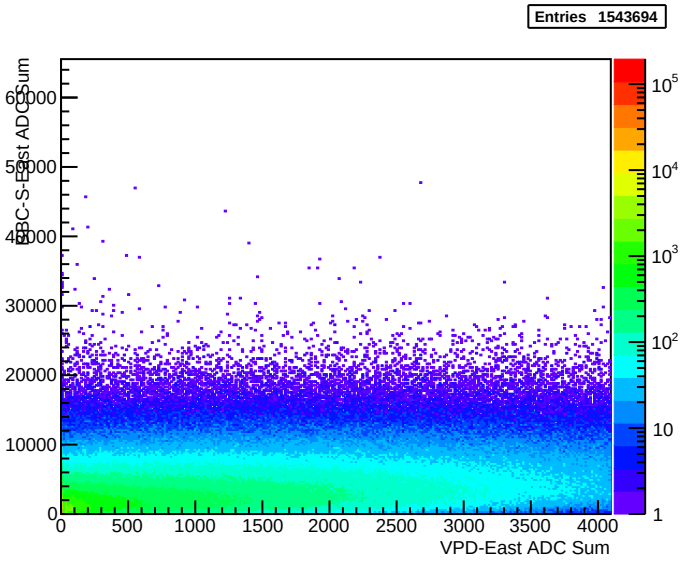

Entries 1543694
TOF Mult
VPD-West ADC Sum

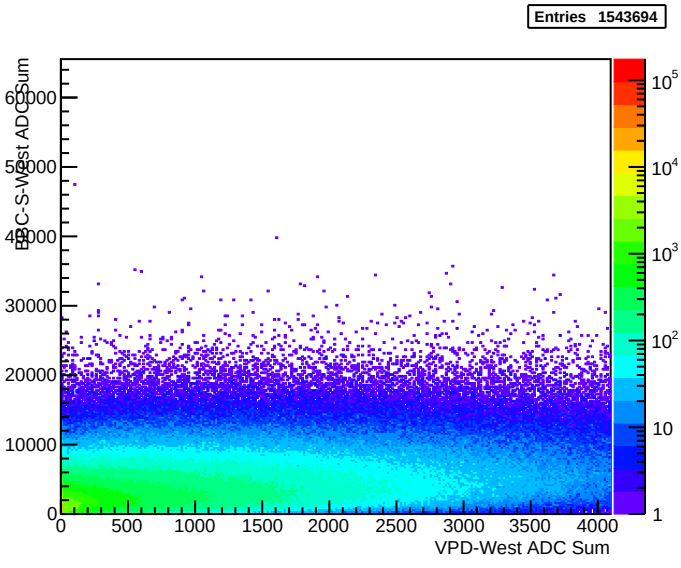

Entries 1543694
TOF Mult
ZDC-East ADC Sum Att

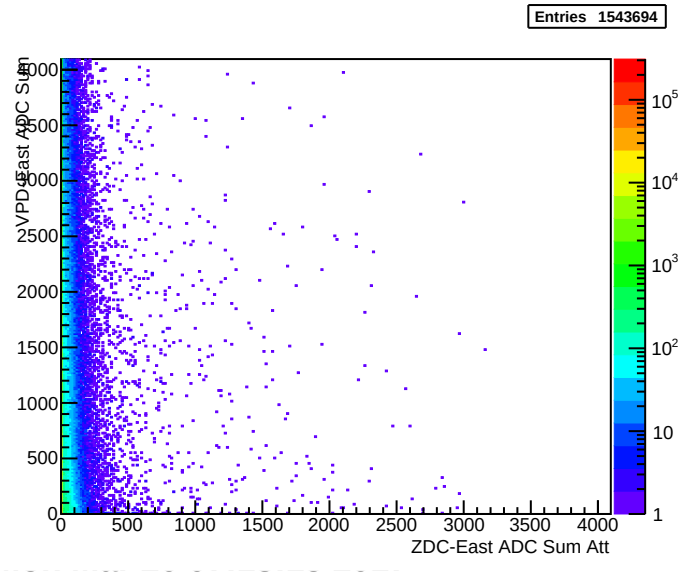

Entries 1543694
TOF Mult
ZDC-West ADC Sum Att

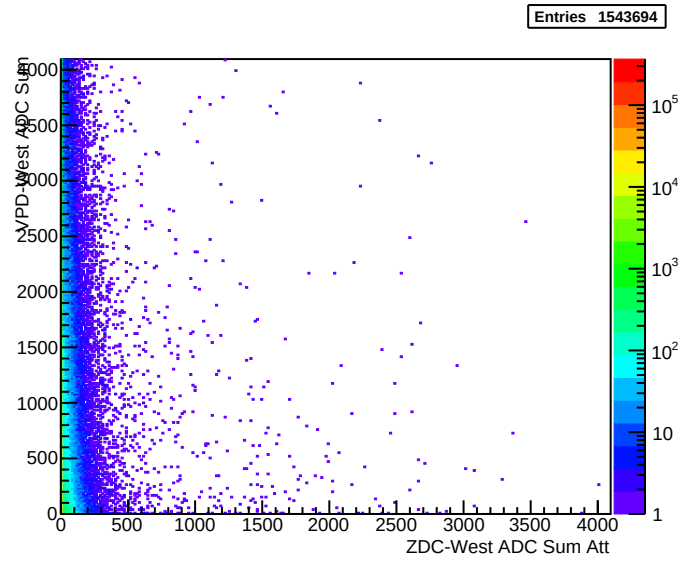

Entries 1543694
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

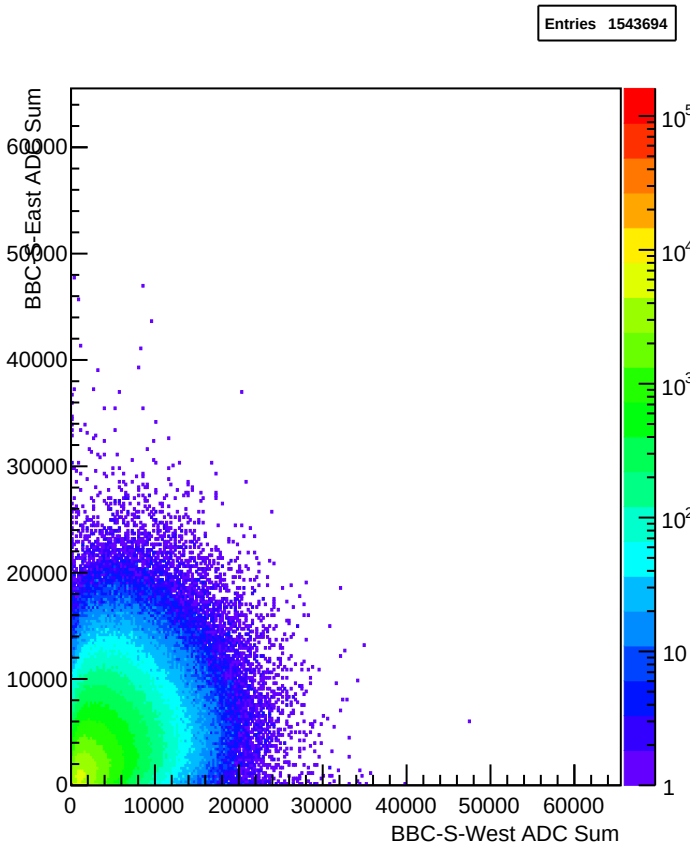

Entries 1543694
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

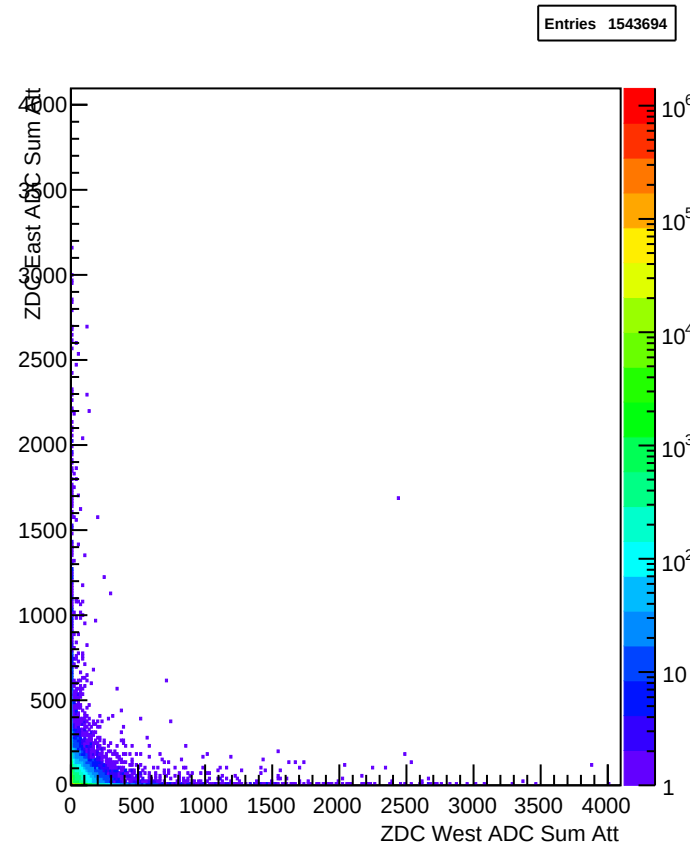

Entries 1543694
BBC-S-East ADC Sum
VPD-East ADC Sum

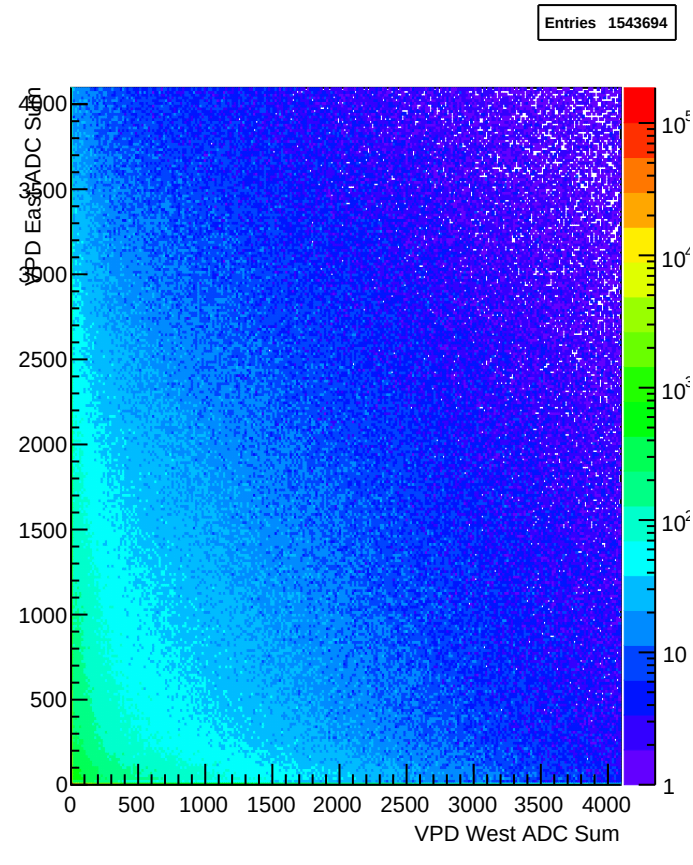

Entries 1543694
BBC-S-West ADC Sum
VPD-West ADC Sum

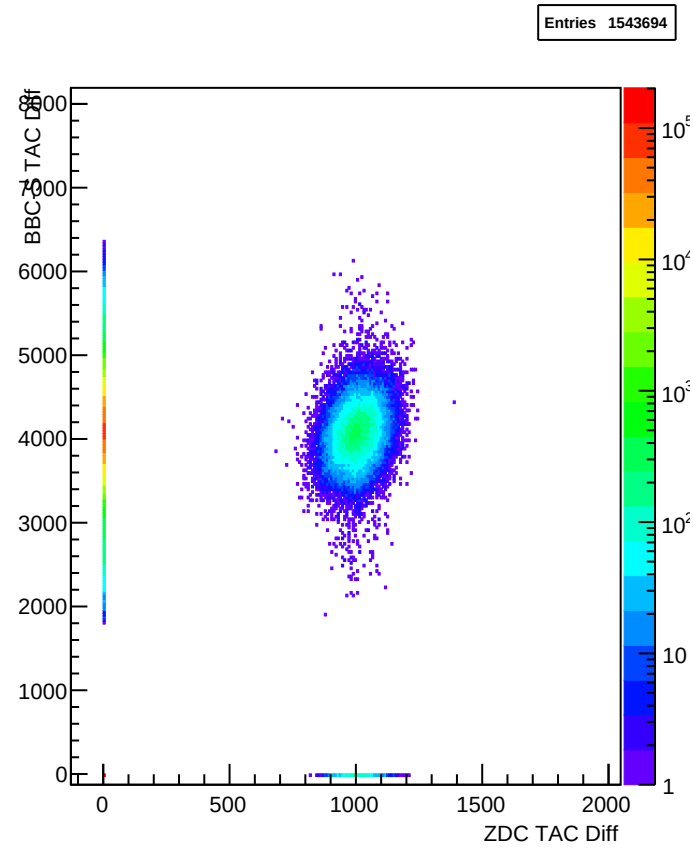

Entries 1543694
VPD-East ADC Sum
ZDC-East ADC Sum Att

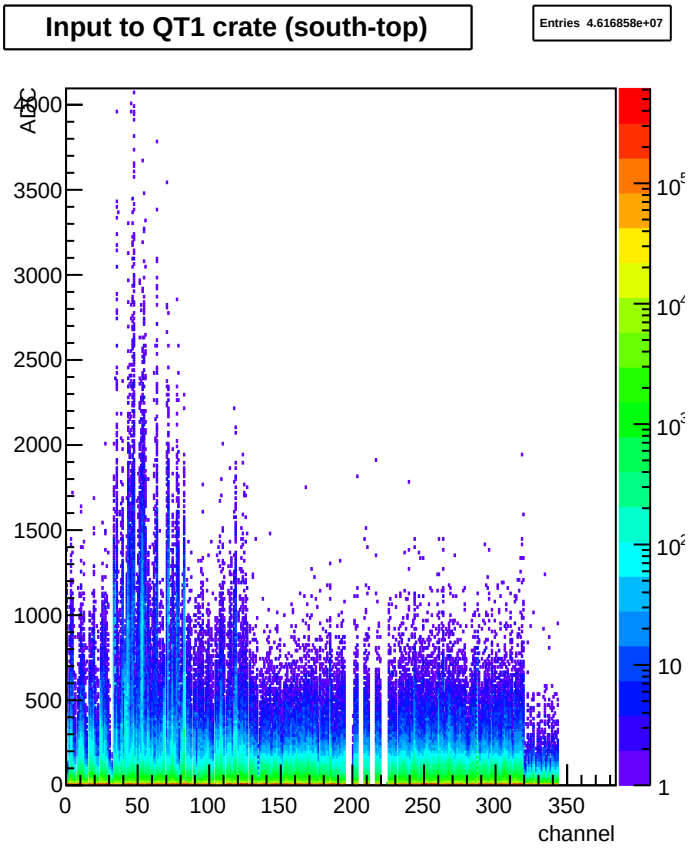

Entries 1543694
VPD-West ADC Sum
ZDC-West ADC Sum Att

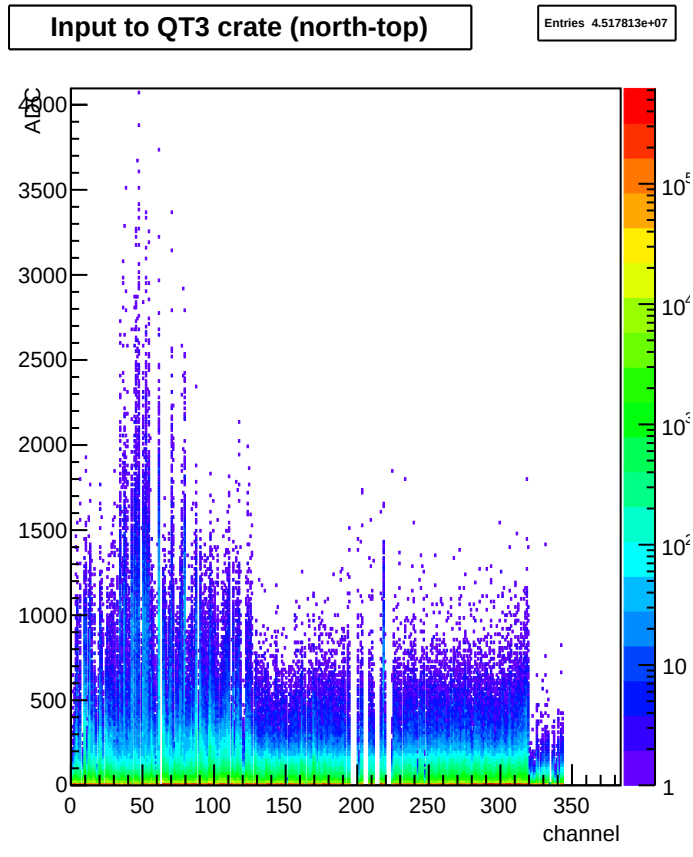

Entries 1543694
BBC-S-East ADC Sum
BBC-S-West ADC Sum

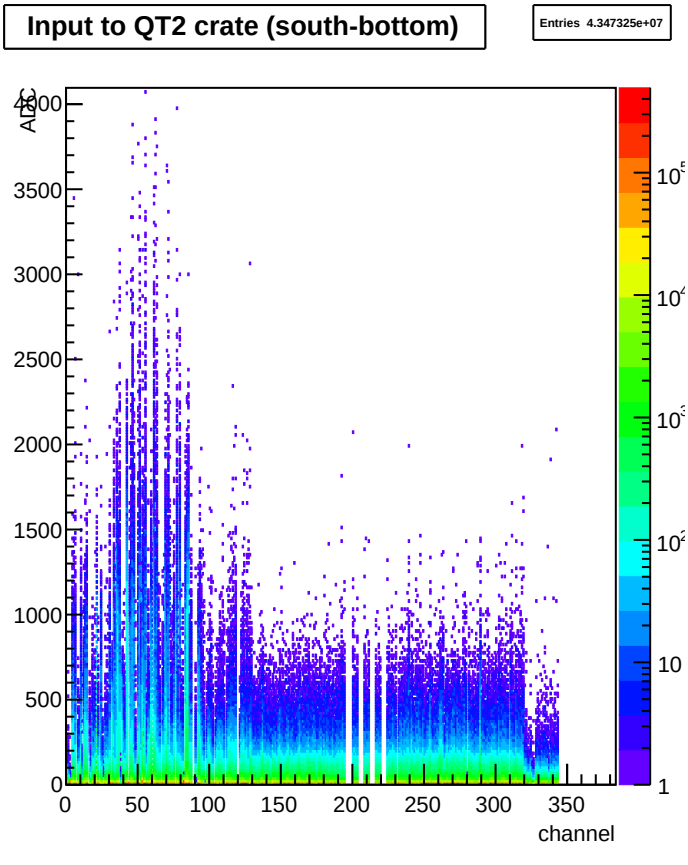

Entries 1543694
ZDC East ADC Sum Att
ZDC West ADC Sum Att

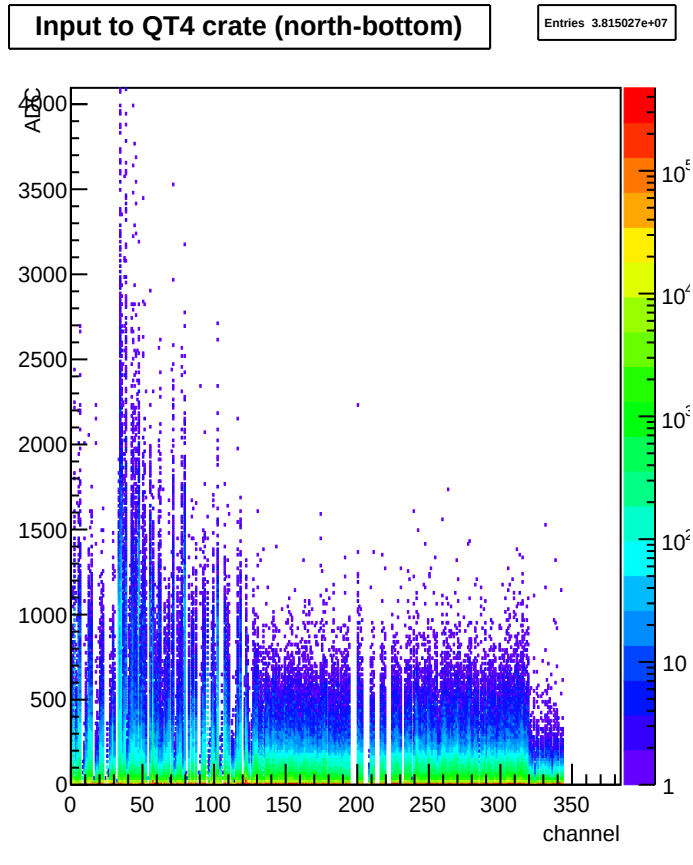

Entries 1543694
VPD East ADC Sum
VPD West ADC Sum

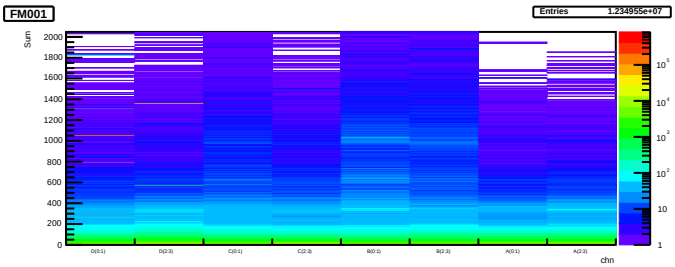

Entries 1543694
BBC-S TAC Diff
ZDC TAC Diff

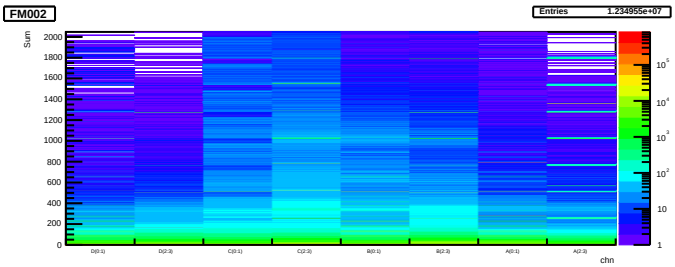

Input to QT1 crate (south-top)
Entries 4.616858e+07
ADC
channel

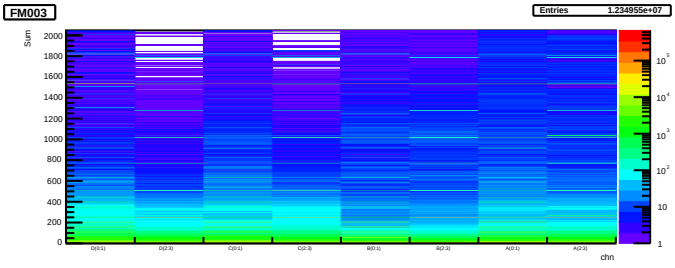

Input to QT3 crate (north-top)
Entries 4.517813e+07
ADC
channel

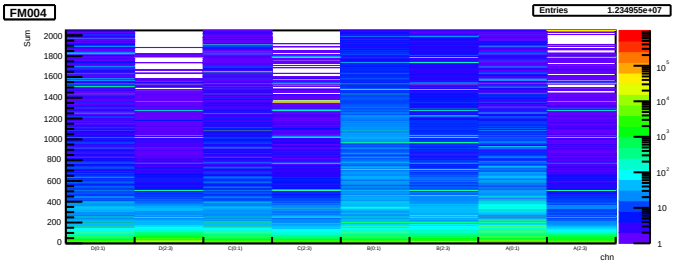

Input to QT2 crate (south-bottom)
Entries 4.347325e+07
ADC
channel

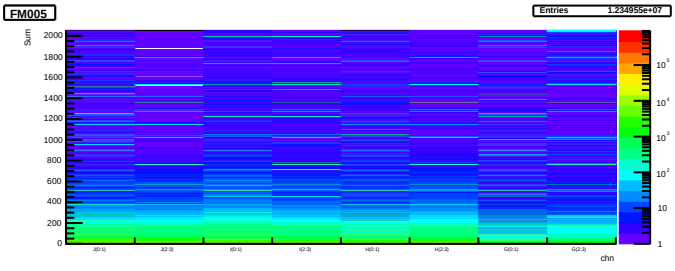

Input to QT4 crate (north-bottom)
Entries 3.815027e+07
ADC
channel

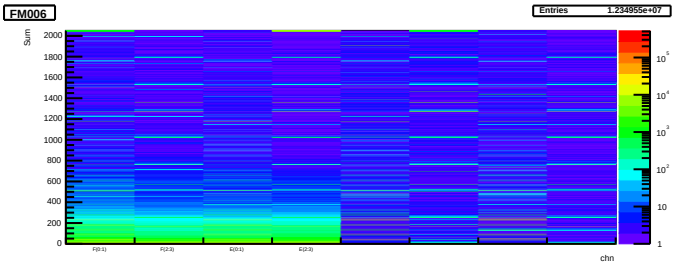

FM001
Entries 1.234955e+07
Sum
chn

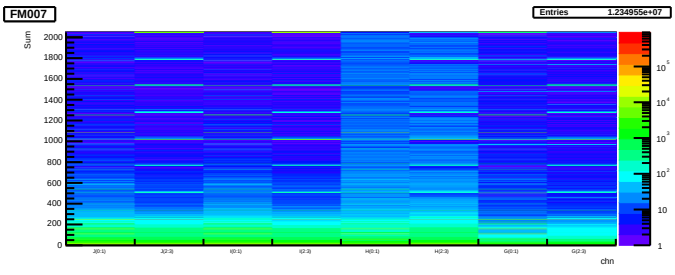

FM002
Entries 1.234955e+07
Sum
chn


FM003
Entries 1.234955e+07
Sum
chn


FM004
Entries 1.234955e+07
Sum
chn


FM005
Entries 1.234955e+07
Sum
chn


FM006
Entries 1.234955e+07
Sum
chn


FM007
Entries 1.234955e+07
Sum
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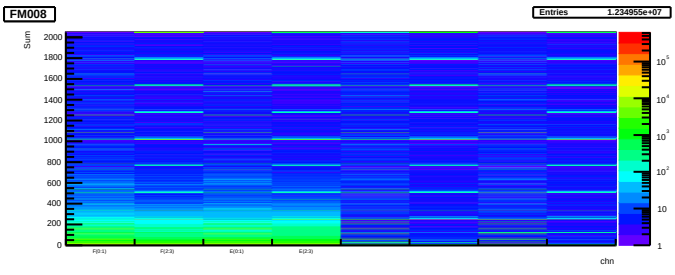
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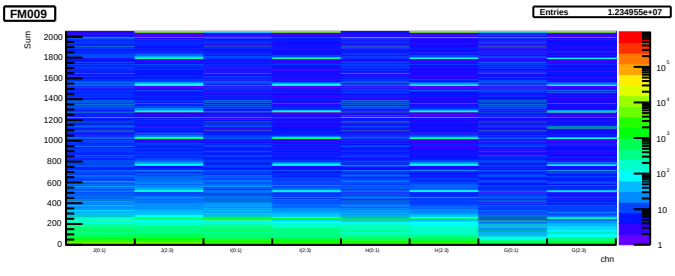
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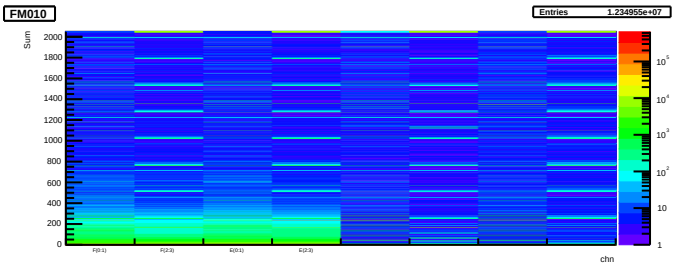
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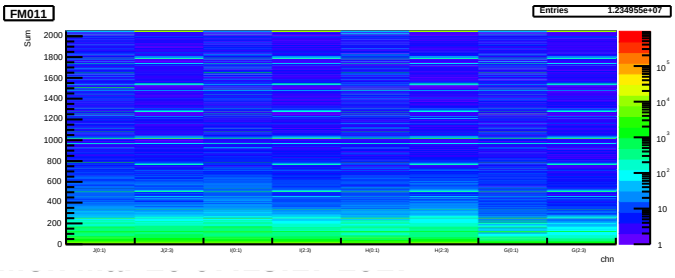
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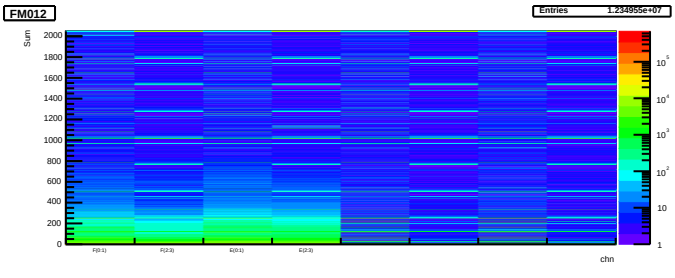
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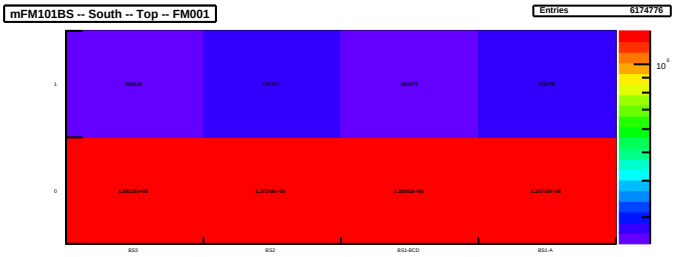
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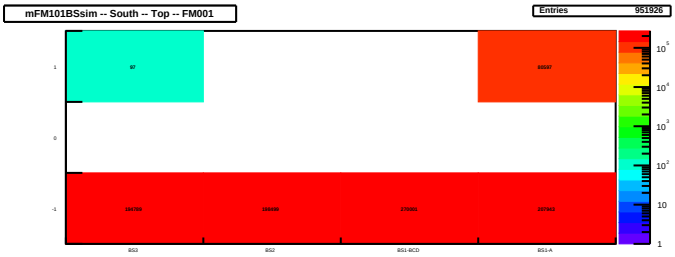
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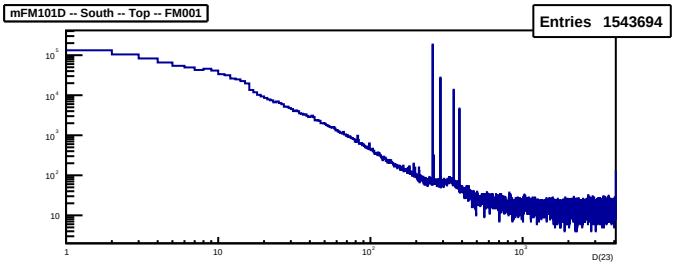
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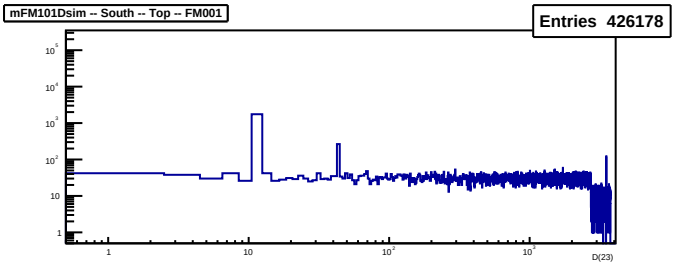
D(23)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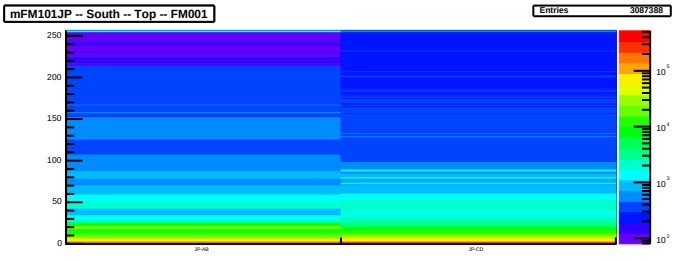
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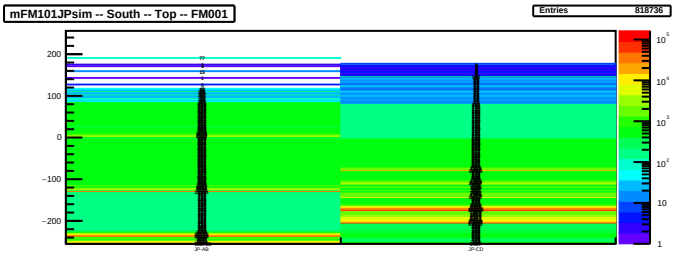
Entries 3087388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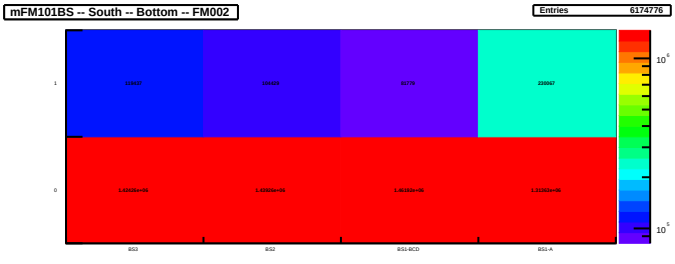
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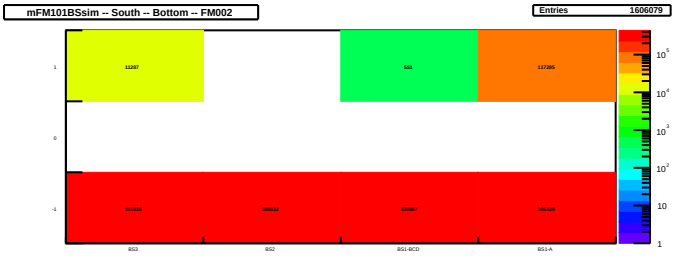
Entries 6174776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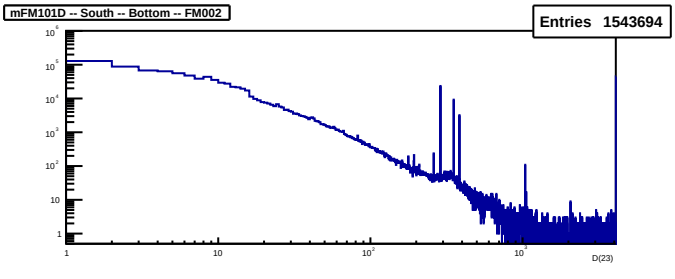
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Entries 1543694
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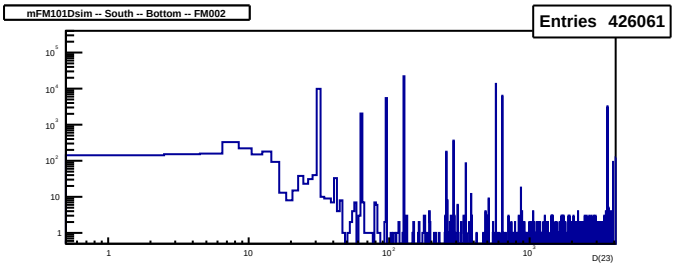
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Entries 426061
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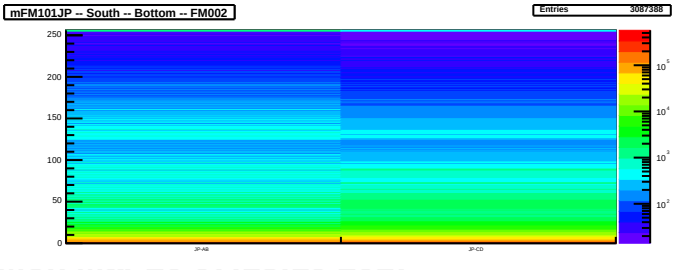
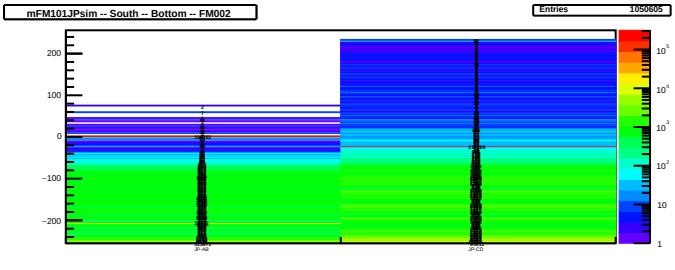

mFM101JP -- South -- Bottom -- FM002
Entries 3087388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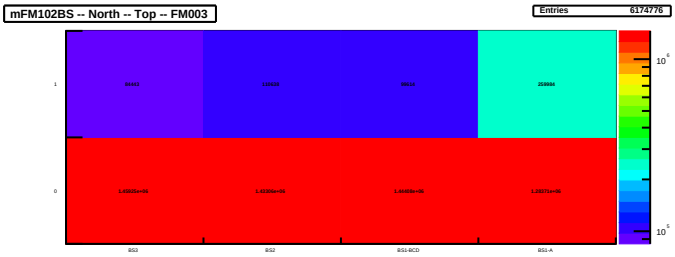
mFM102BS -- North -- Top -- FM003
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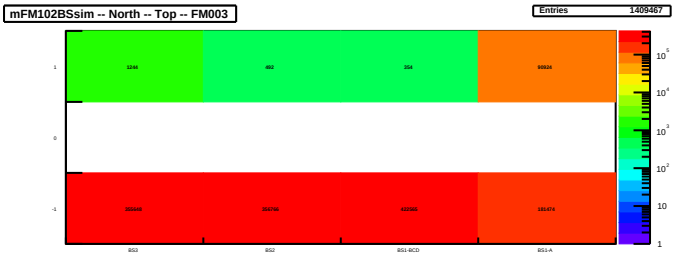
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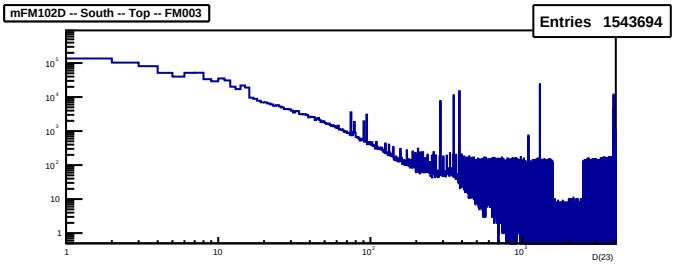
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Entries 1543694
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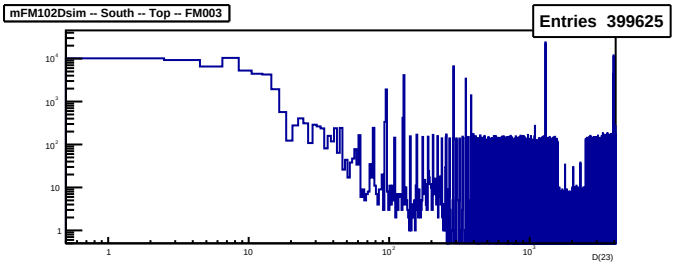
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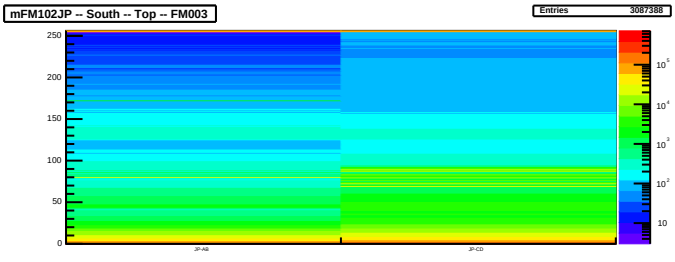
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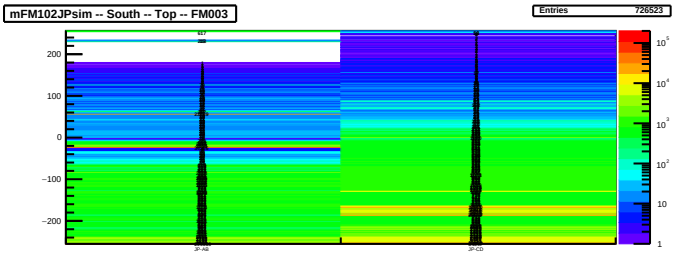
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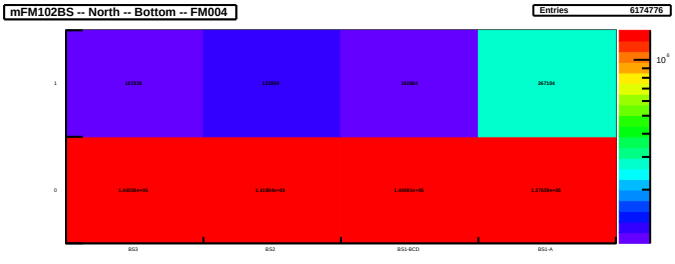
mFM102BS -- North -- Bottom -- FM004
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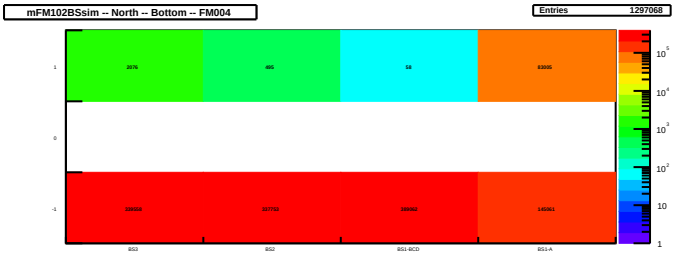
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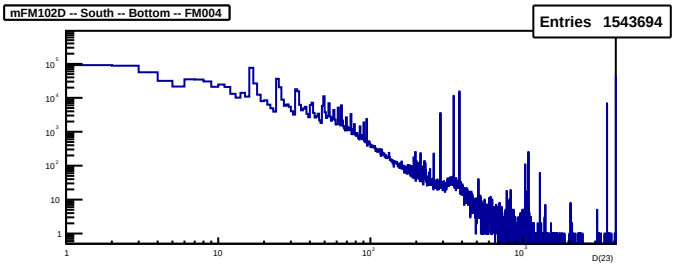
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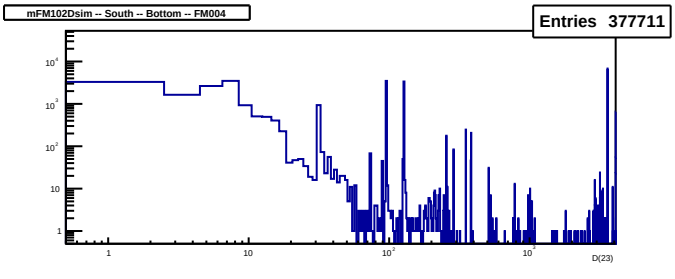
Entries 1543694
D(23)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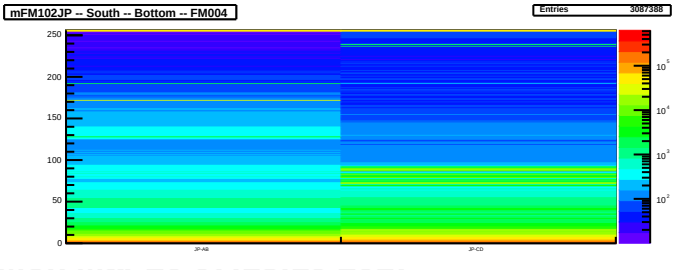
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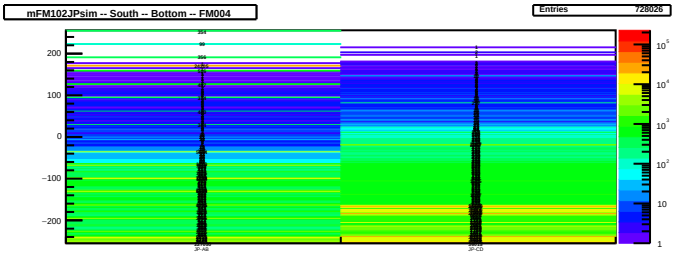
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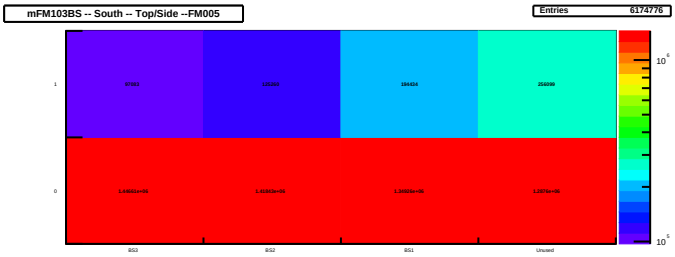
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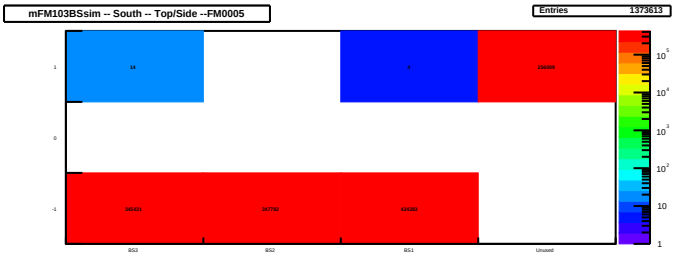
Entries 6174776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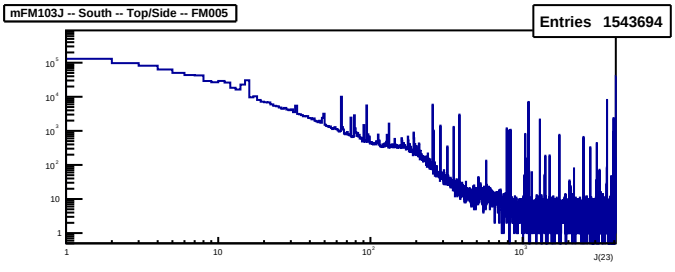
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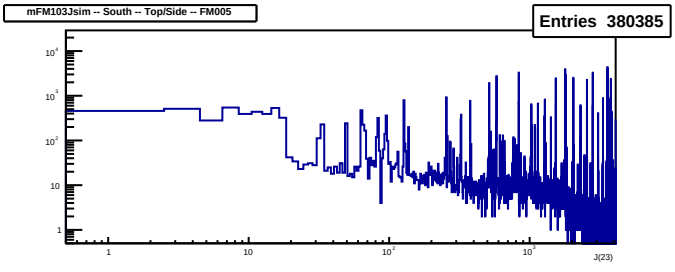
Entries 1543694
J(23)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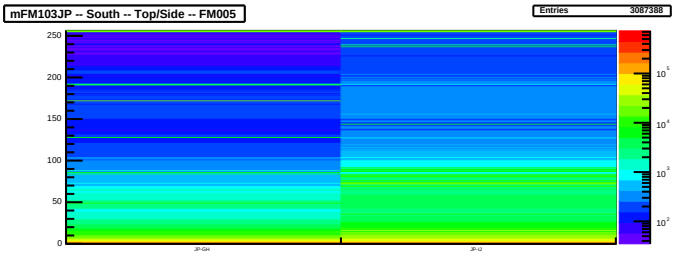
J(23)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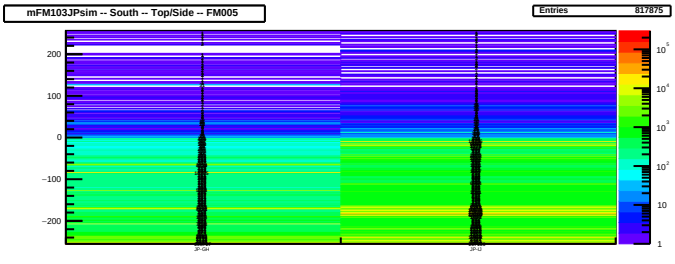
Entries 3087388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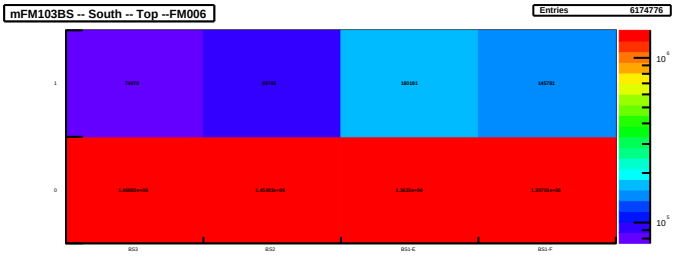
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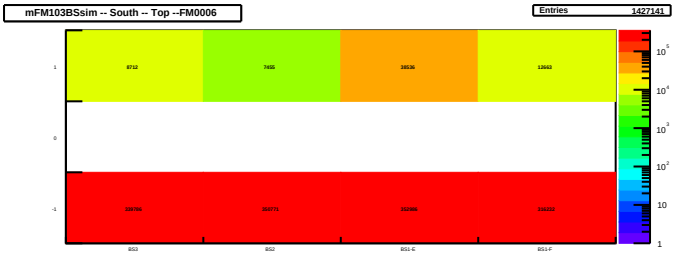
Entries 6174776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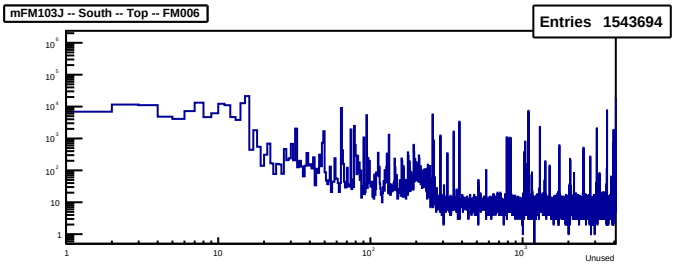
mFM103J -- South -- Top -- FM006
Entries 1543694
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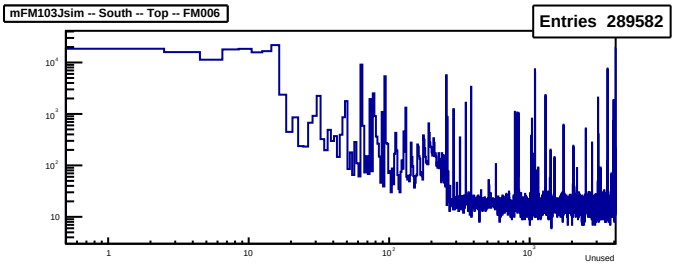
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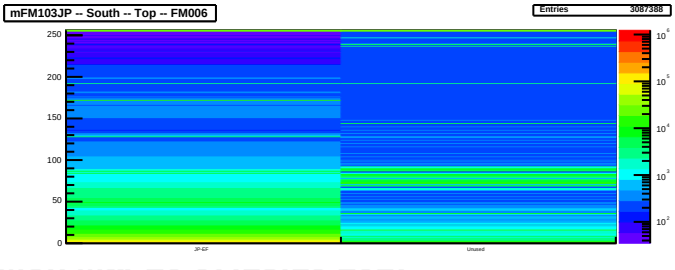
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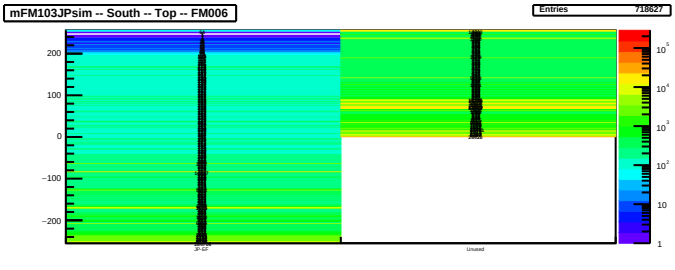
Entries 3087388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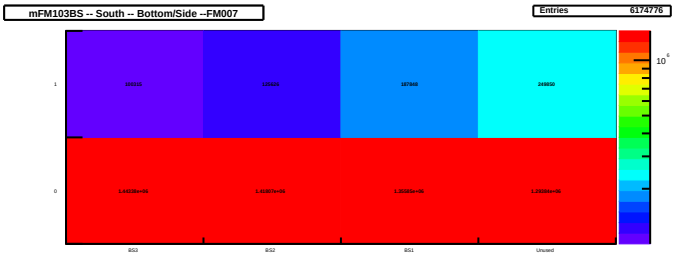
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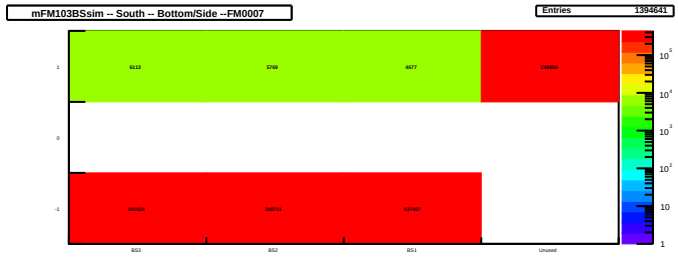
Entries 6174776
BS3
BS2
BS1
Unused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BS3
BS2
BS1
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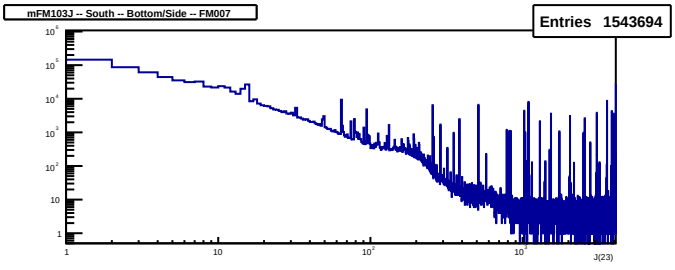
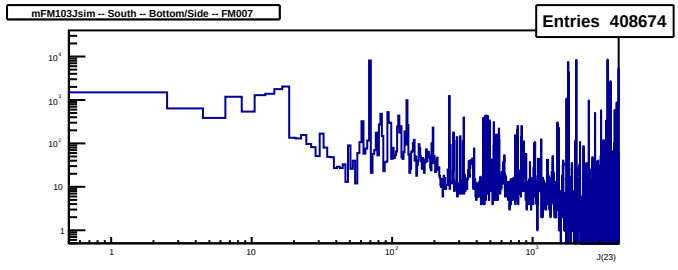

mFM103J -- South -- Bottom/Side -- FM007
Entries 1543694
J(23)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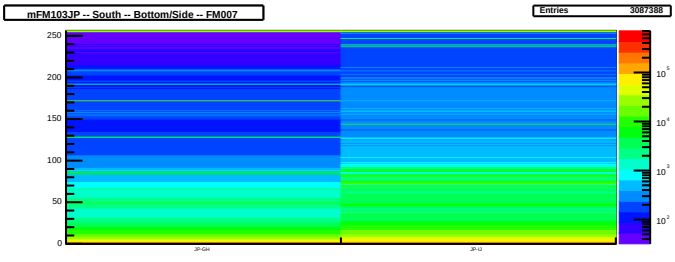
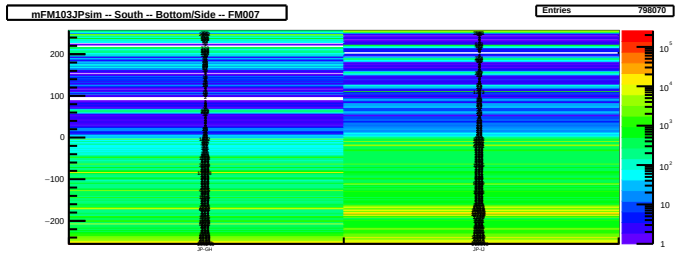

mFM103JP -- South -- Bottom/Side -- FM007
Entries 3087388
JP-G4
JP-I2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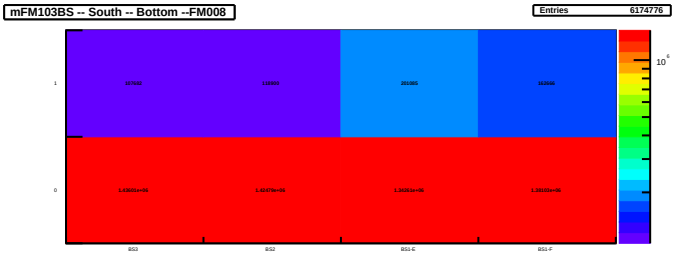
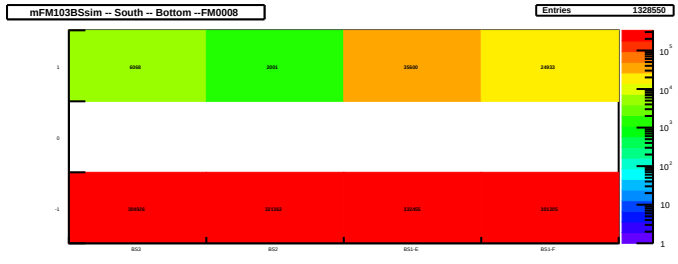
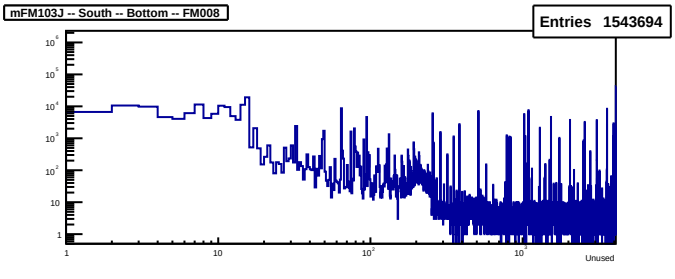
JP-G4
JP-I2


mFM103BS -- South -- Bottom --FM008
Entries 6174776
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Bottom --FM0008
Entries 1328550
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Bottom -- FM008
Entries 1543694
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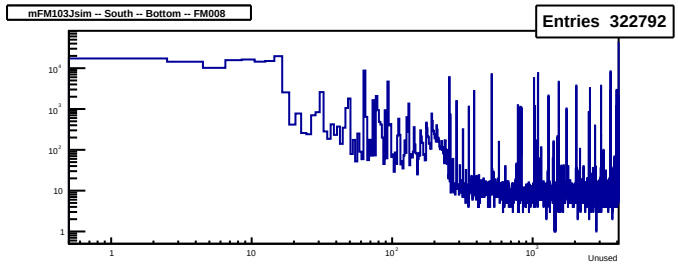
mFM103Jsim -- South -- Bottom -- FM008
Entries 322792
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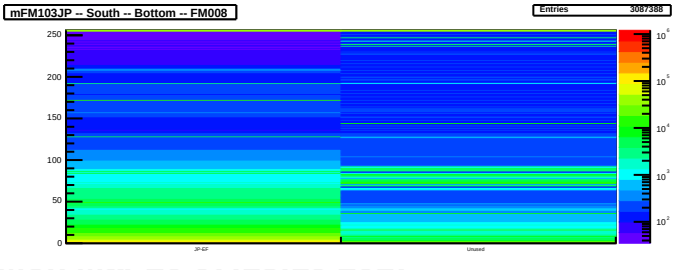
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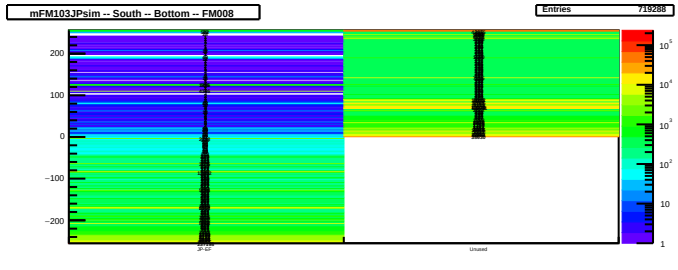
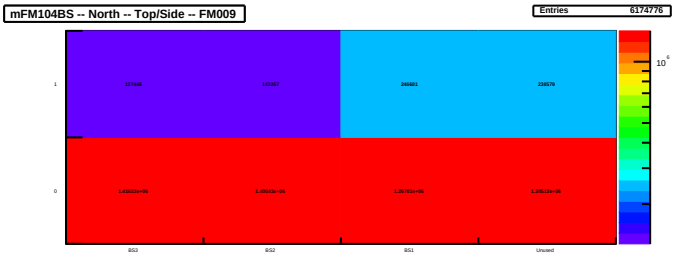
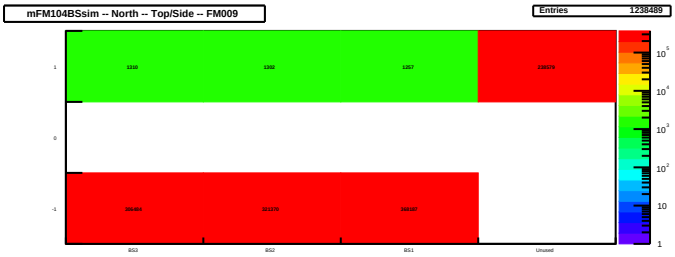
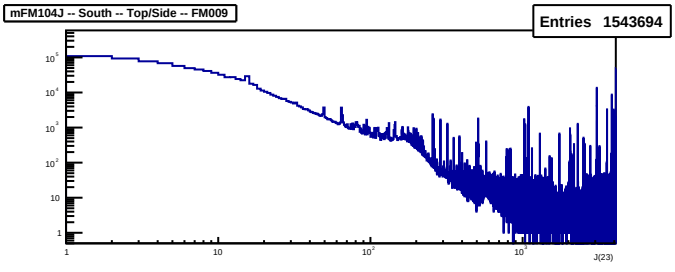
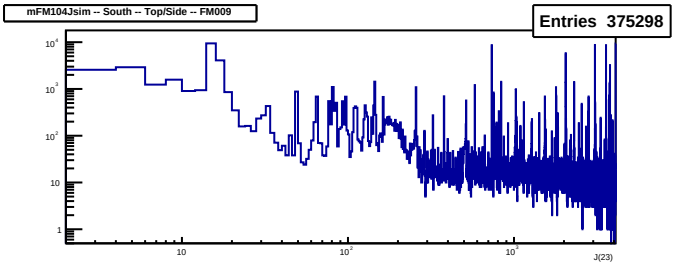
Entries 3087388
JP-E2
Unused


mFM103JPsim -- South -- Bottom -- FM008
Entries 719288
JP-E2
Unused


mFM104BS -- North -- Top/Side -- FM009
Entries 6174776


mFM104BSsim -- North -- Top/Side -- FM009
Entries 1238489


mFM104J -- South -- Top/Side -- FM009
Entries 1543694
J(23)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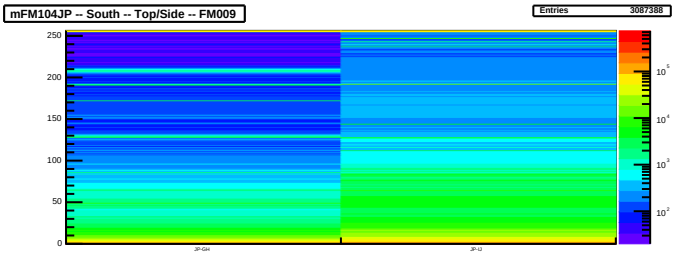
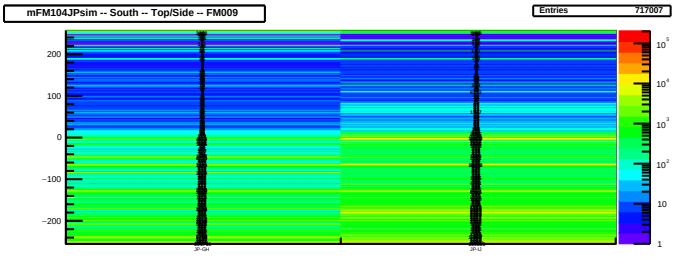
Entries 375298
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 3087388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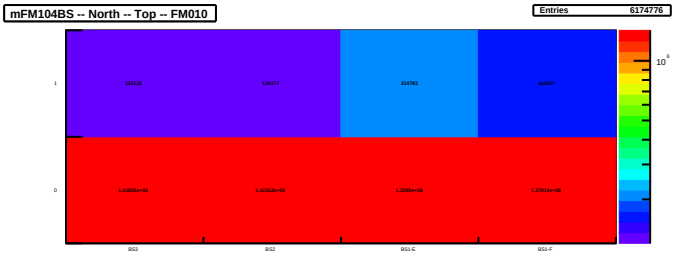
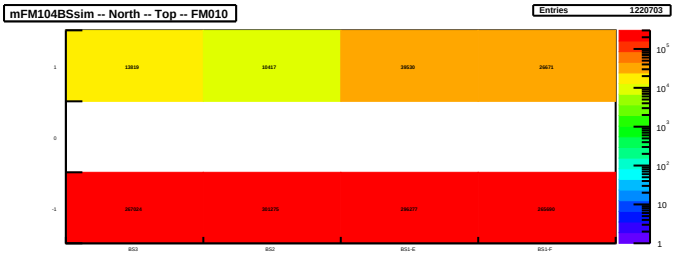
Entries 717007


mFM104BS -- North -- Top -- FM010
Entries 6174776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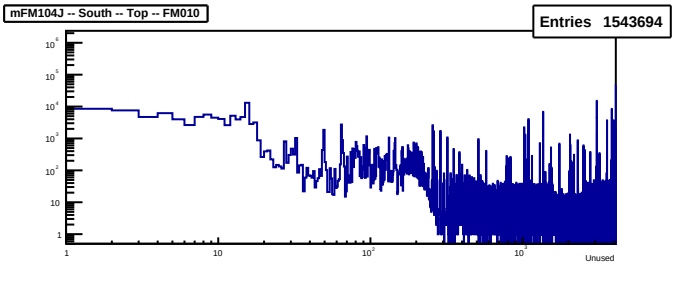
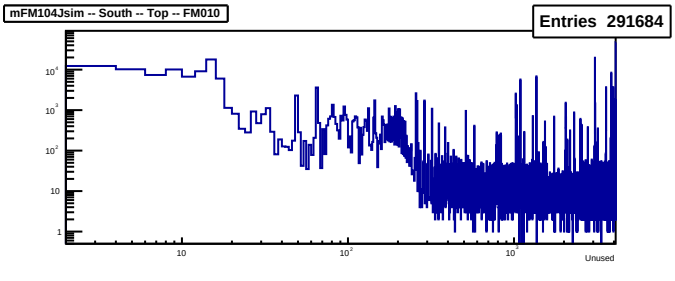
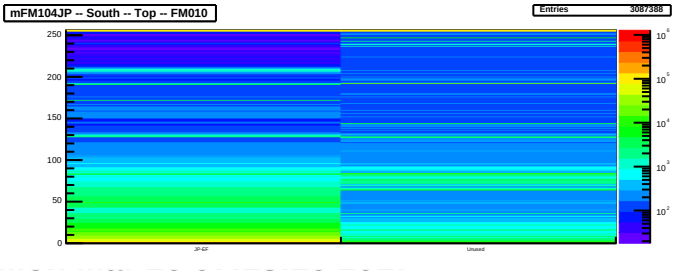
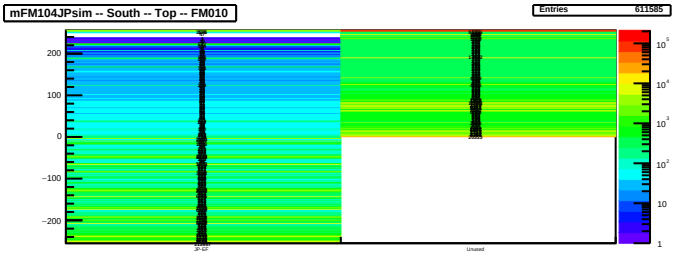
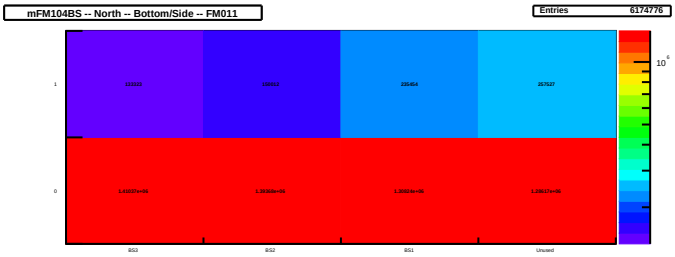
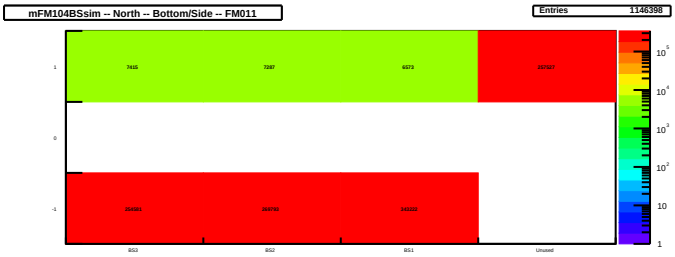

mFM104J -- South -- Top -- FM010
Entries 1543694
Unused

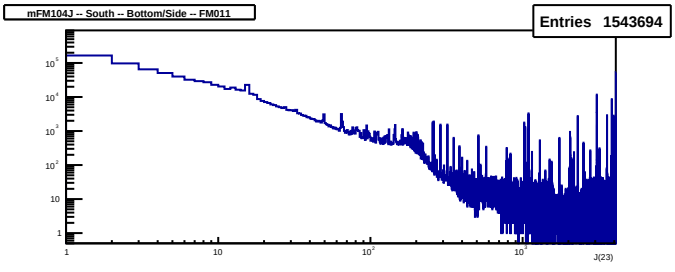

mFM104Jsim -- South -- Top -- FM010
Entries 291684
Unused

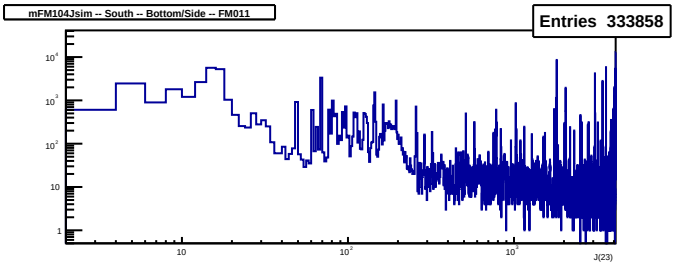

mFM104JP -- South -- Top -- FM010
Entries 3087388

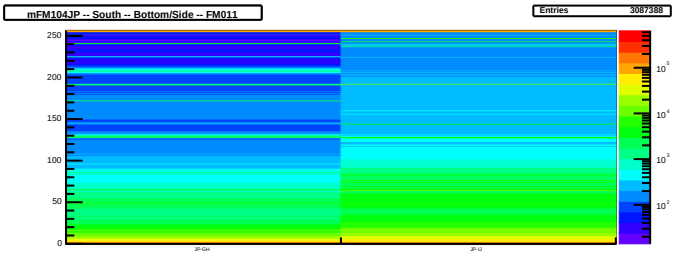

mFM104JPsim -- South -- Top -- FM010
Entries 611585

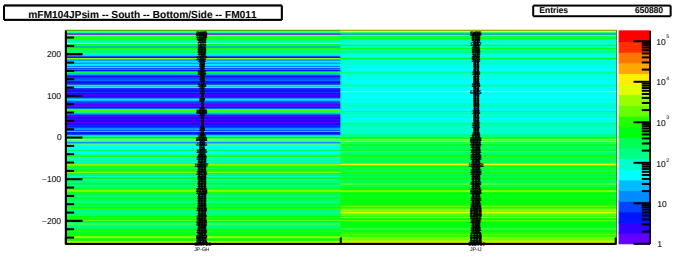

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6174776

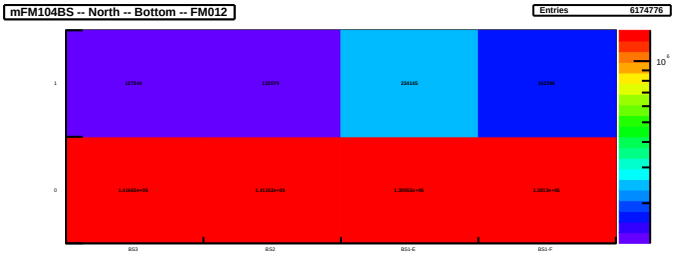

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1146398

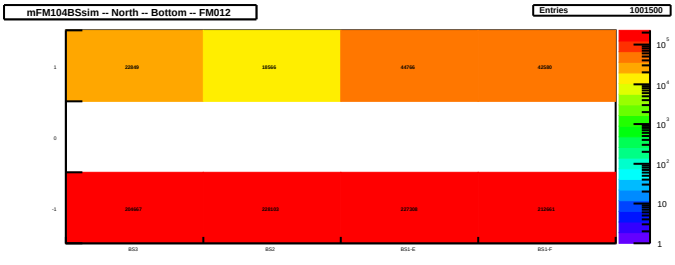

mFM104J -- South -- Bottom/Side -- FM011
Entries 1543694
J(23)

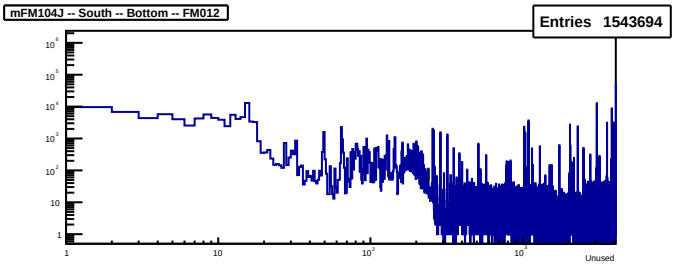

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 333858
J(23)

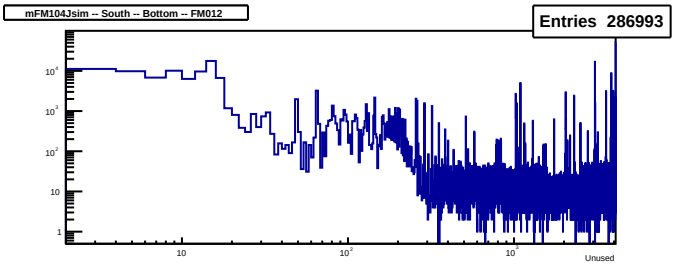

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3087388

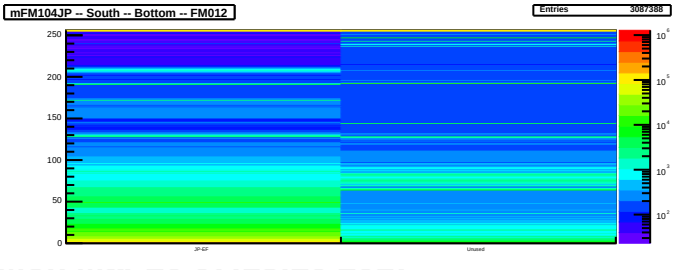

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 650880

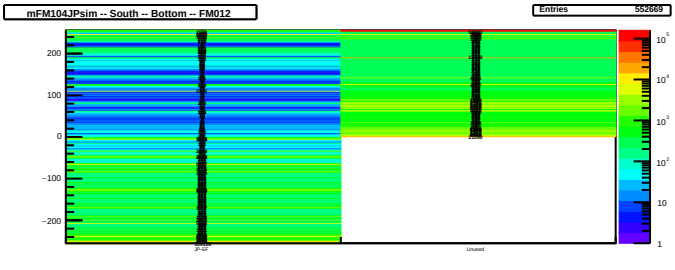

mFM104BS -- North -- Bottom -- FM012
Entries 6174776

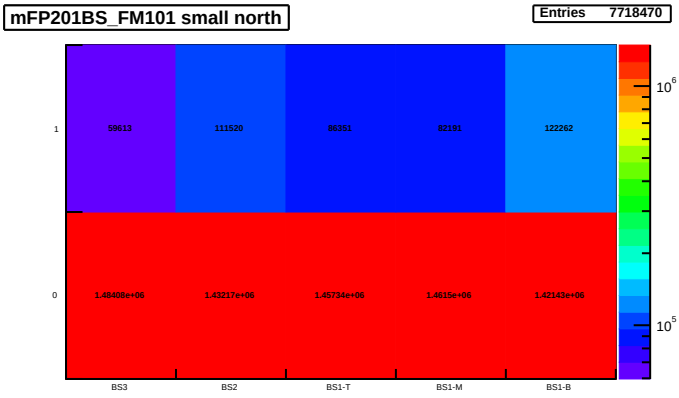

mFM104BSsim -- North -- Bottom -- FM012
Entries 1001500

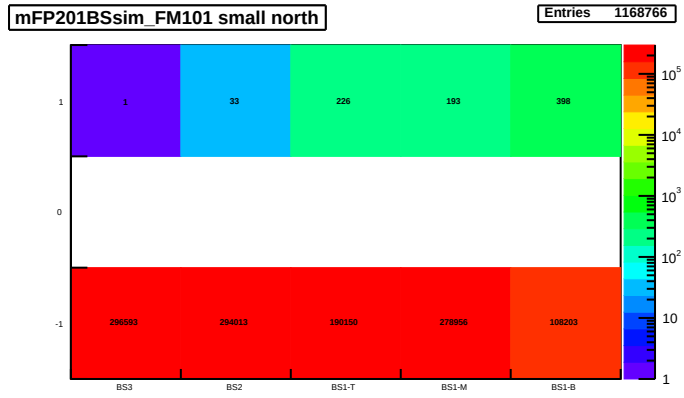

mFM104J -- South -- Bottom -- FM012
Entries 1543694
Unused

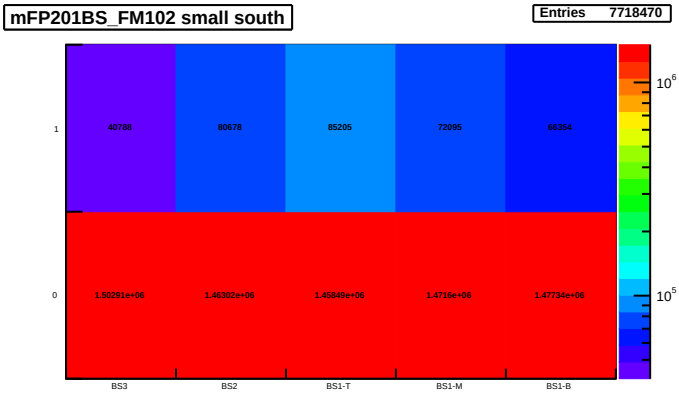

mFM104Jsim -- South -- Bottom -- FM012
Entries 286993
Unused

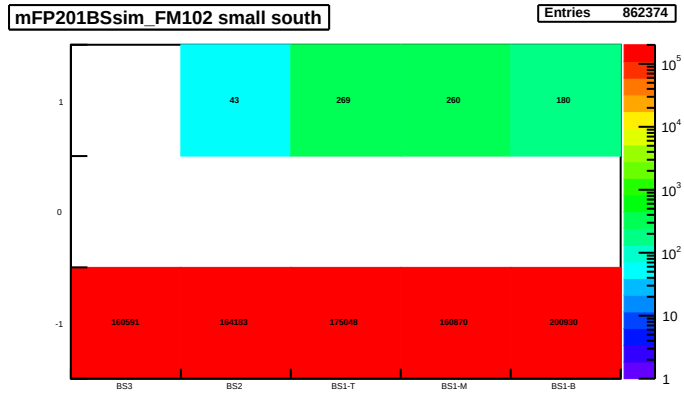

mFM104JP -- South -- Bottom -- FM012
Entries 3087388

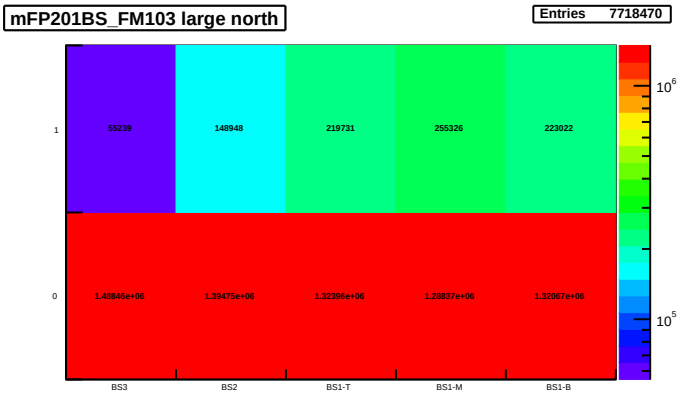

mFM104JPsim -- South -- Bottom -- FM012
Entries 552669

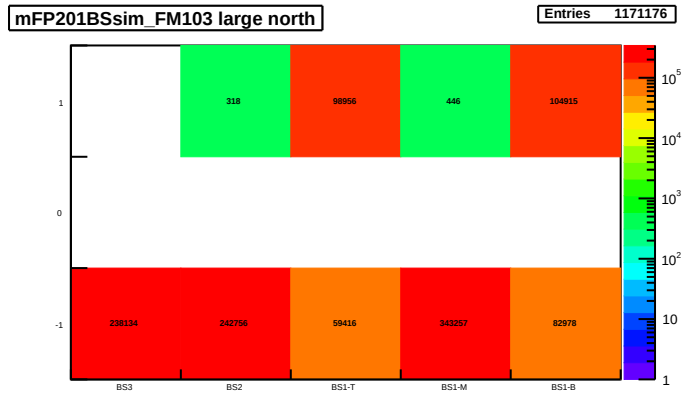

mFP201BS_FM101 small north
Entries 7718470
1
0
59613
111520
86351
82191
122262
1.48408e+06
1.43217e+06
1.45734e+06
1.4615e+06
1.42143e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

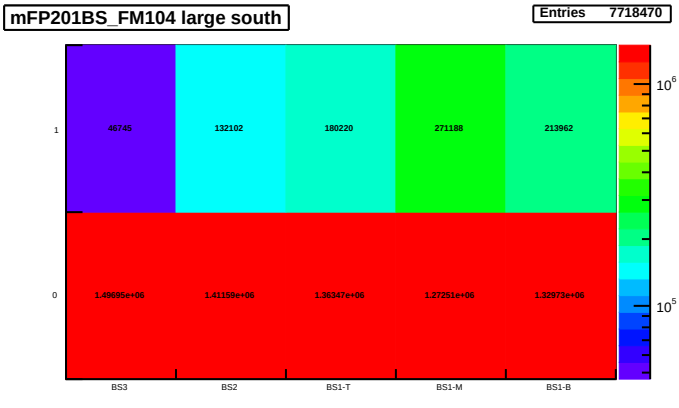

mFP201BSsim_FM101 small north
Entries 1168766
1
0
-1
1
33
226
193
398
296593
294013
190150
278956
108203
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

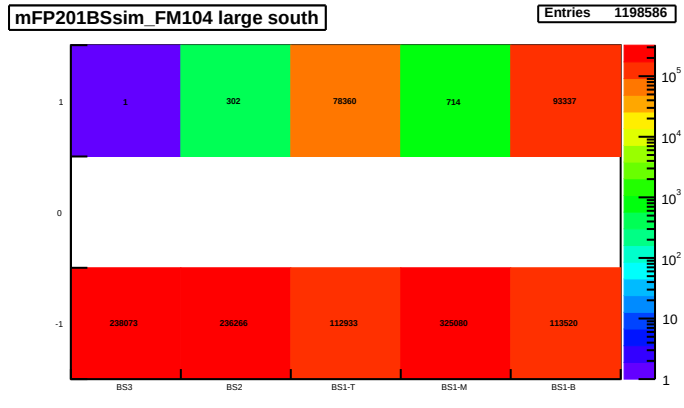

mFP201BS_FM102 small south
Entries 7718470
1
0
40788
80678
85205
72095
66354
1.50291e+06
1.46302e+06
1.45849e+06
1.4716e+06
1.47734e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

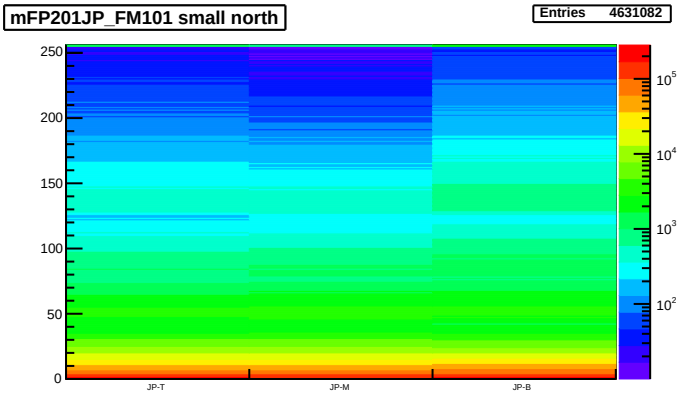

mFP201BSsim_FM102 small south
Entries 862374
1
0
-1
43
269
260
180
160591
164183
175048
160870
200930
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

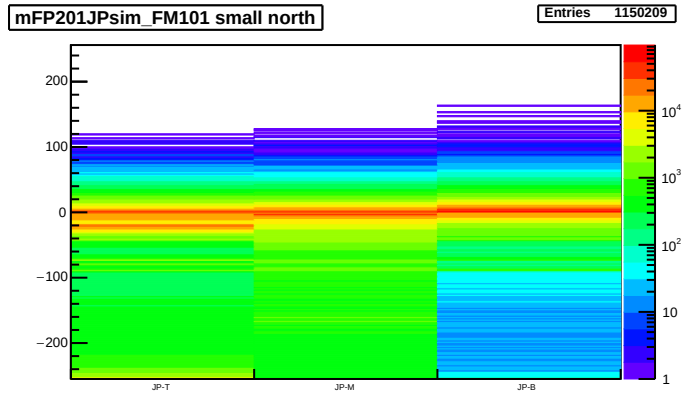

mFP201BS_FM103 large north
Entries 7718470
1
0
55239
148948
219731
255326
223022
1.48846e+06
1.39475e+06
1.32396e+06
1.28837e+06
1.32067e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

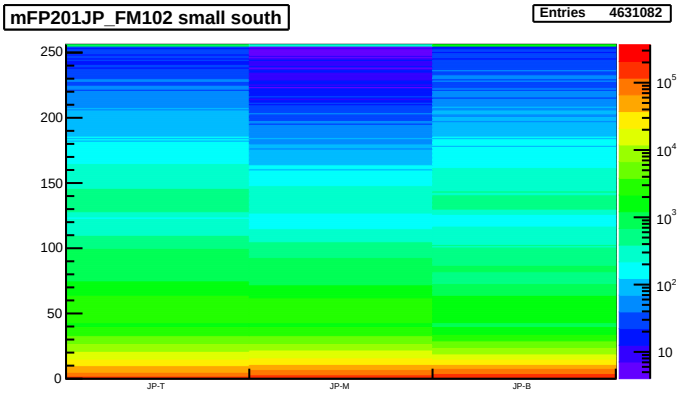

mFP201BSsim_FM103 large north
Entries 1171176
1
0
-1
318
98956
446
104915
238134
242756
59416
343257
82978
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

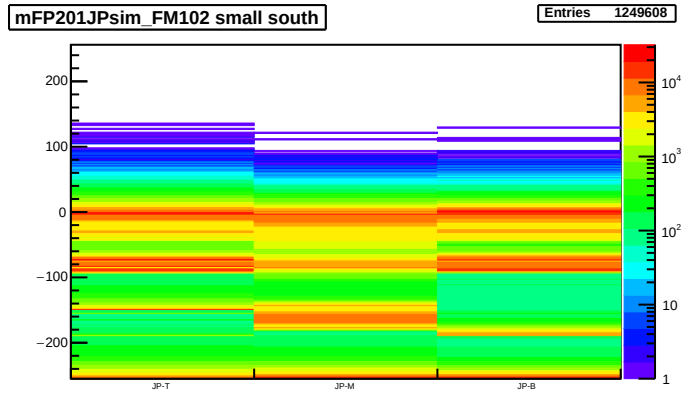

mFP201BS_FM104 large south
Entries 7718470
1
0
46745
132102
180220
271188
213962
1.49695e+06
1.41159e+06
1.36347e+06
1.27251e+06
1.32973e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

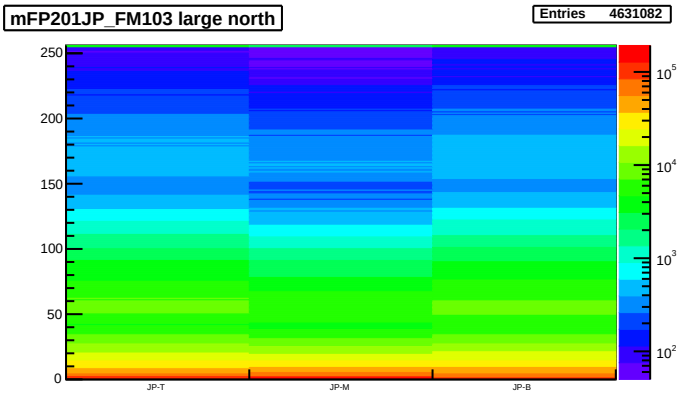

mFP201BSsim_FM104 large south
Entries 1198586
1
0
-1
1
302
78360
714
93337
238073
236266
112933
325080
113520
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

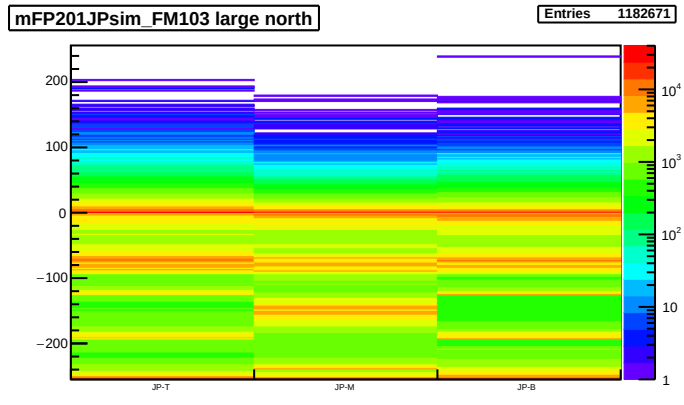

mFP201JP_FM101 small north
Entries 4631082
JP-T
JP-M
JP-B

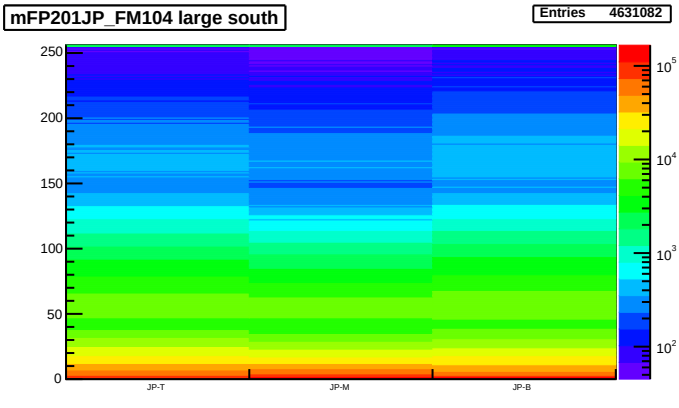

mFP201JPsim_FM101 small north
Entries 1150209
JP-T
JP-M
JP-B

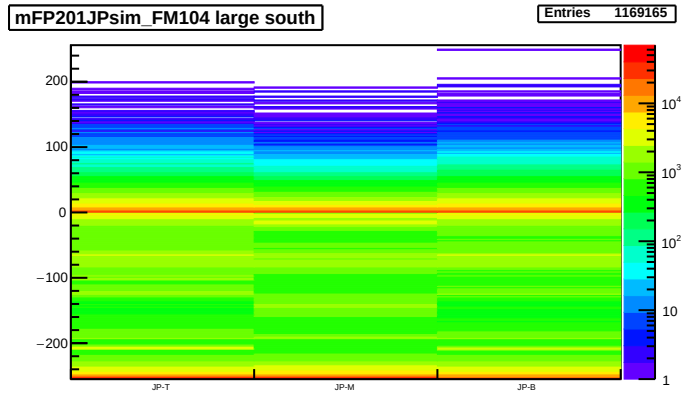

mFP201JP_FM102 small south
Entries 4631082
JP-T
JP-M
JP-B

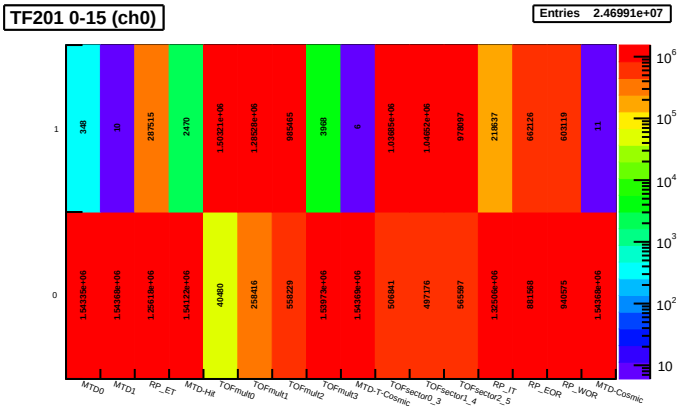

mFP201JPsim_FM102 small south
Entries 1249608
JP-T
JP-M
JP-B

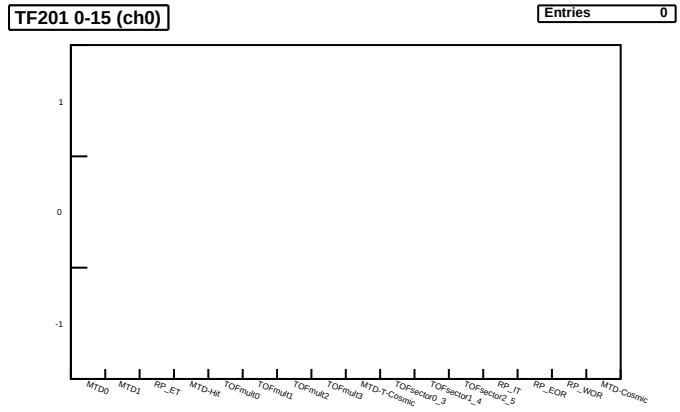

mFP201JP_FM103 large north
Entries 4631082
JP-T
JP-M
JP-B

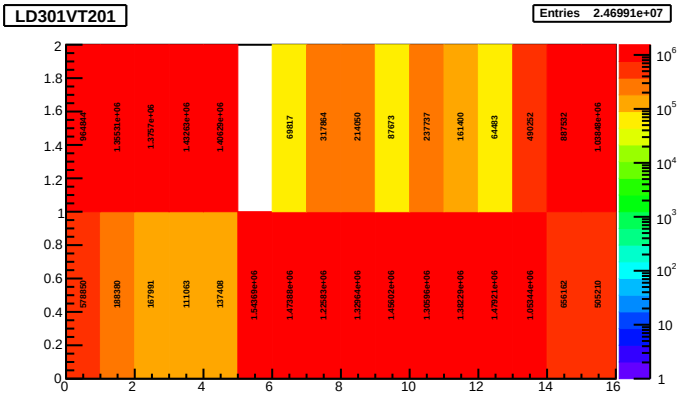

mFP201JPsim_FM103 large north
Entries 1182671
JP-T
JP-M
JP-B

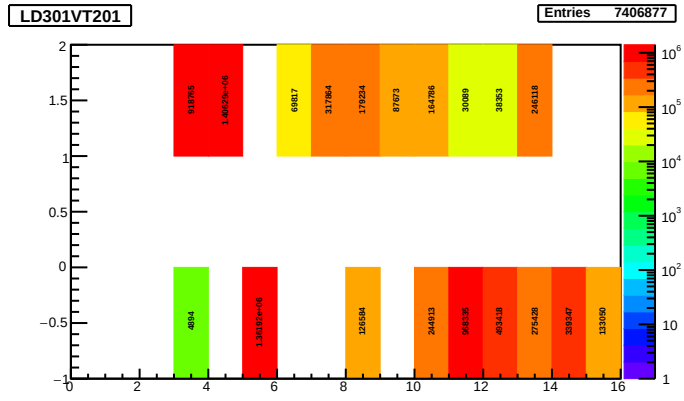

mFP201JP_FM104 large south
Entries 4631082
JP-T
JP-M
JP-B

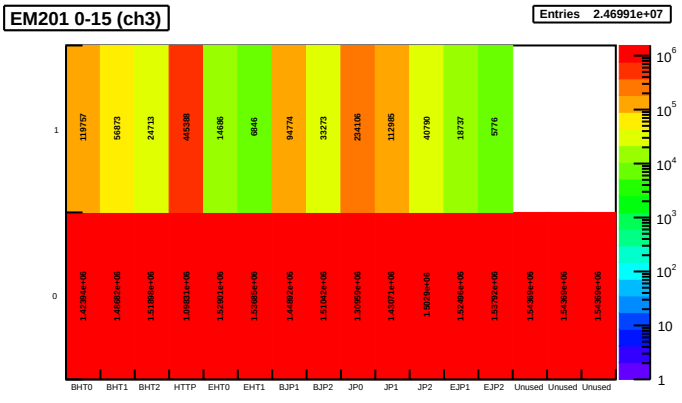

mFP201JPsim_FM104 large south
Entries 1169165
JP-T
JP-M
JP-B

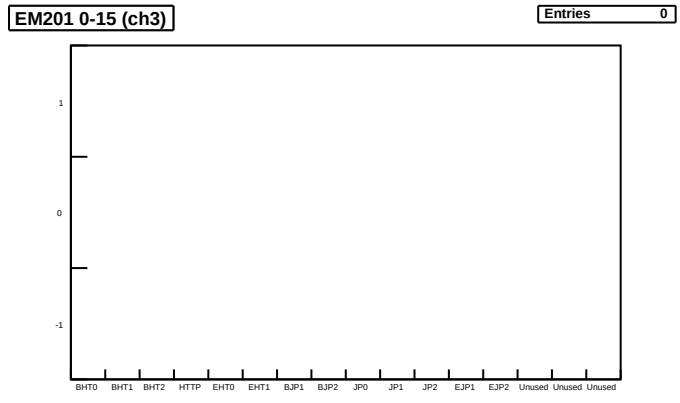

TF201 0-15 (ch0)
Entries 2.46991e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 2.46991e+07


LD301VT201
Entries 7406877


EM201 0-15 (ch3)
Entries 2.46991e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
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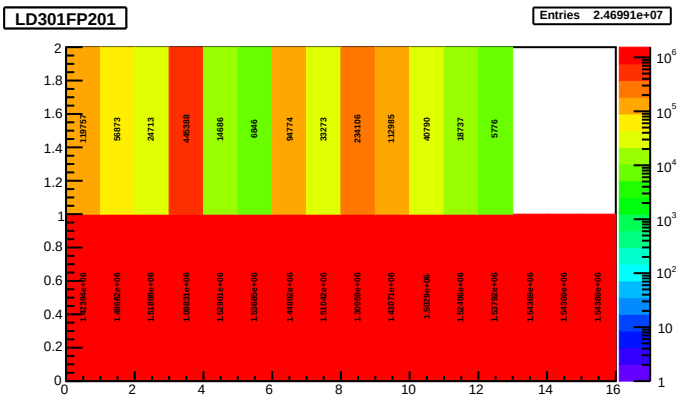
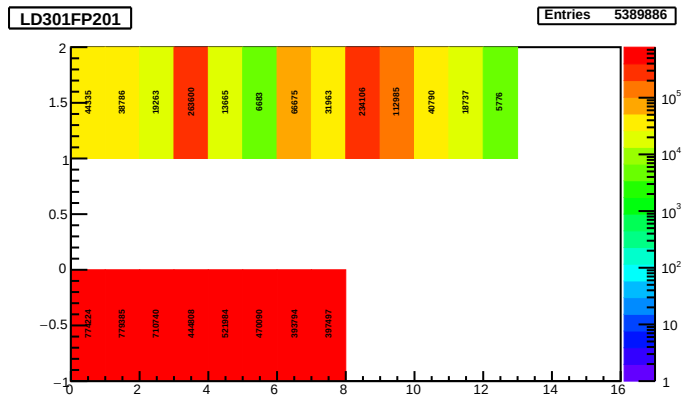

LD301FP201
Entries 2.46991e+07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