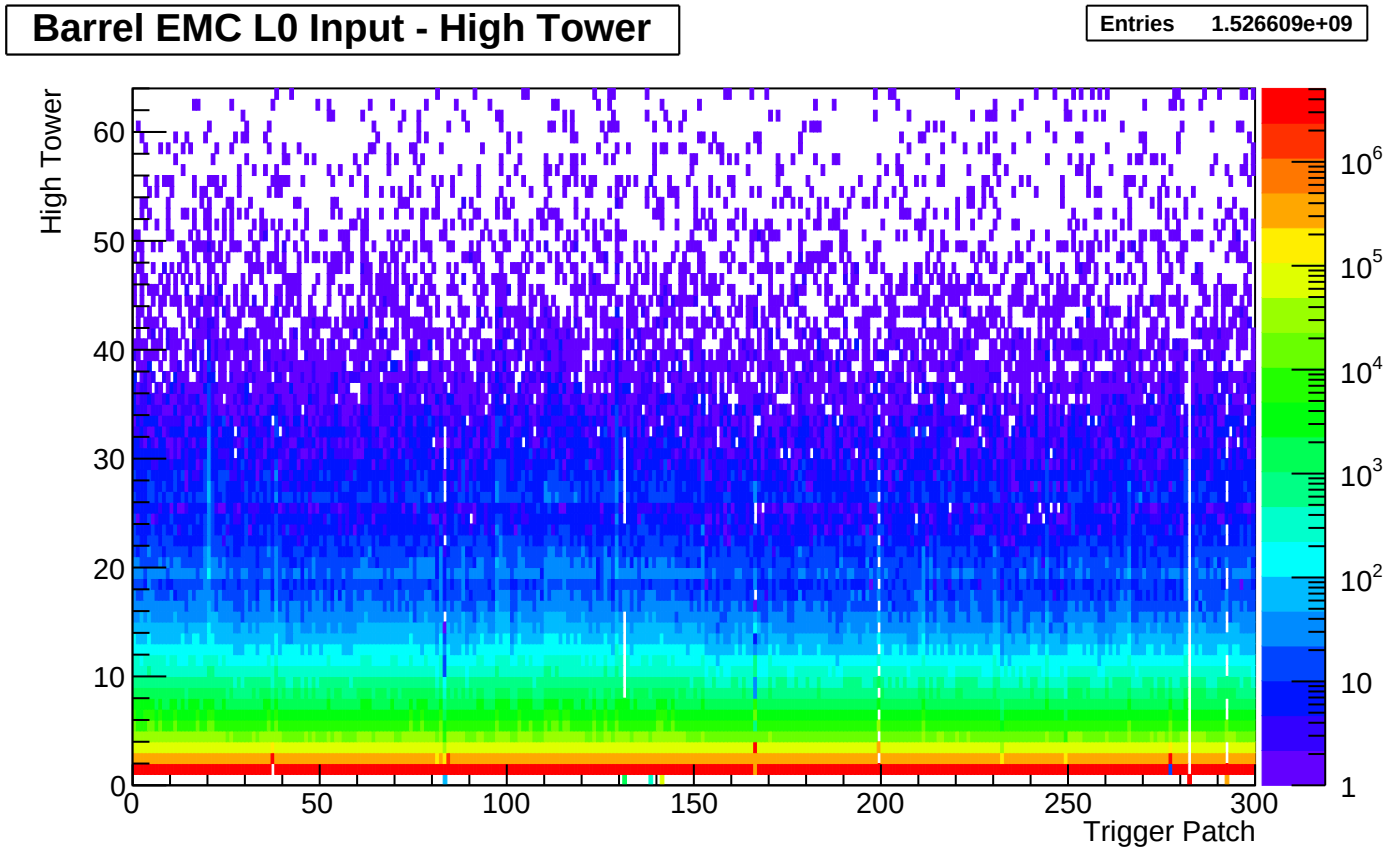
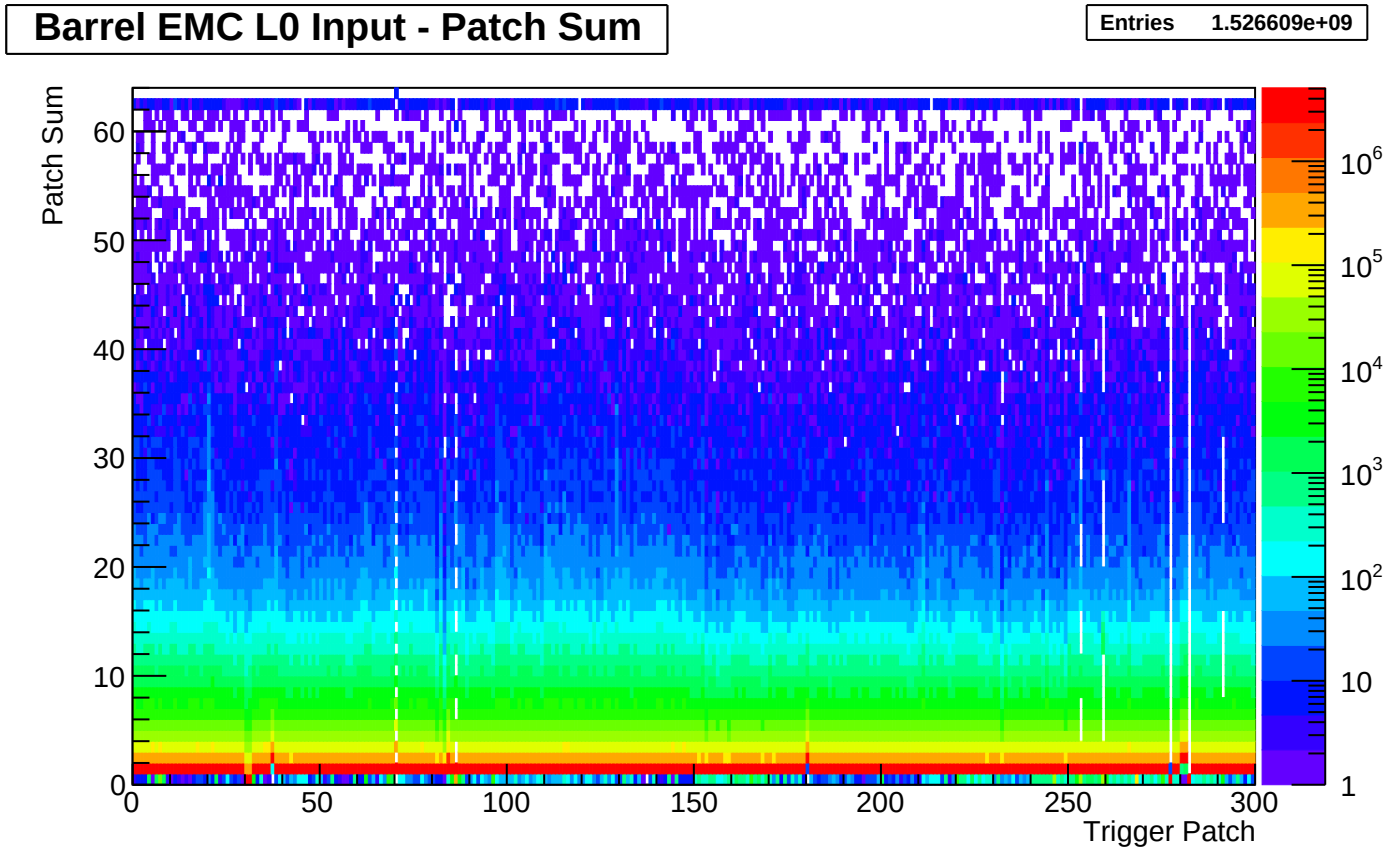
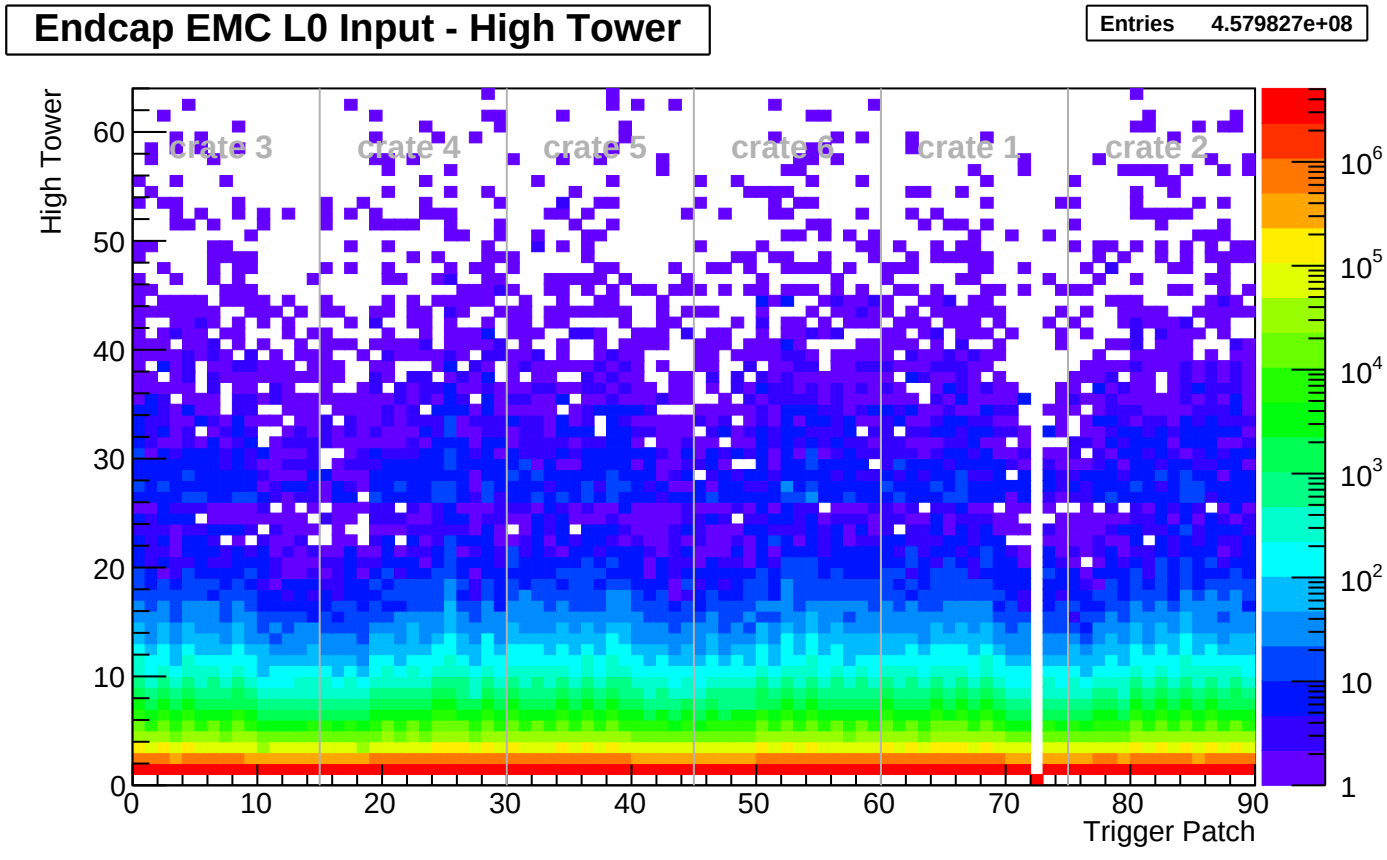
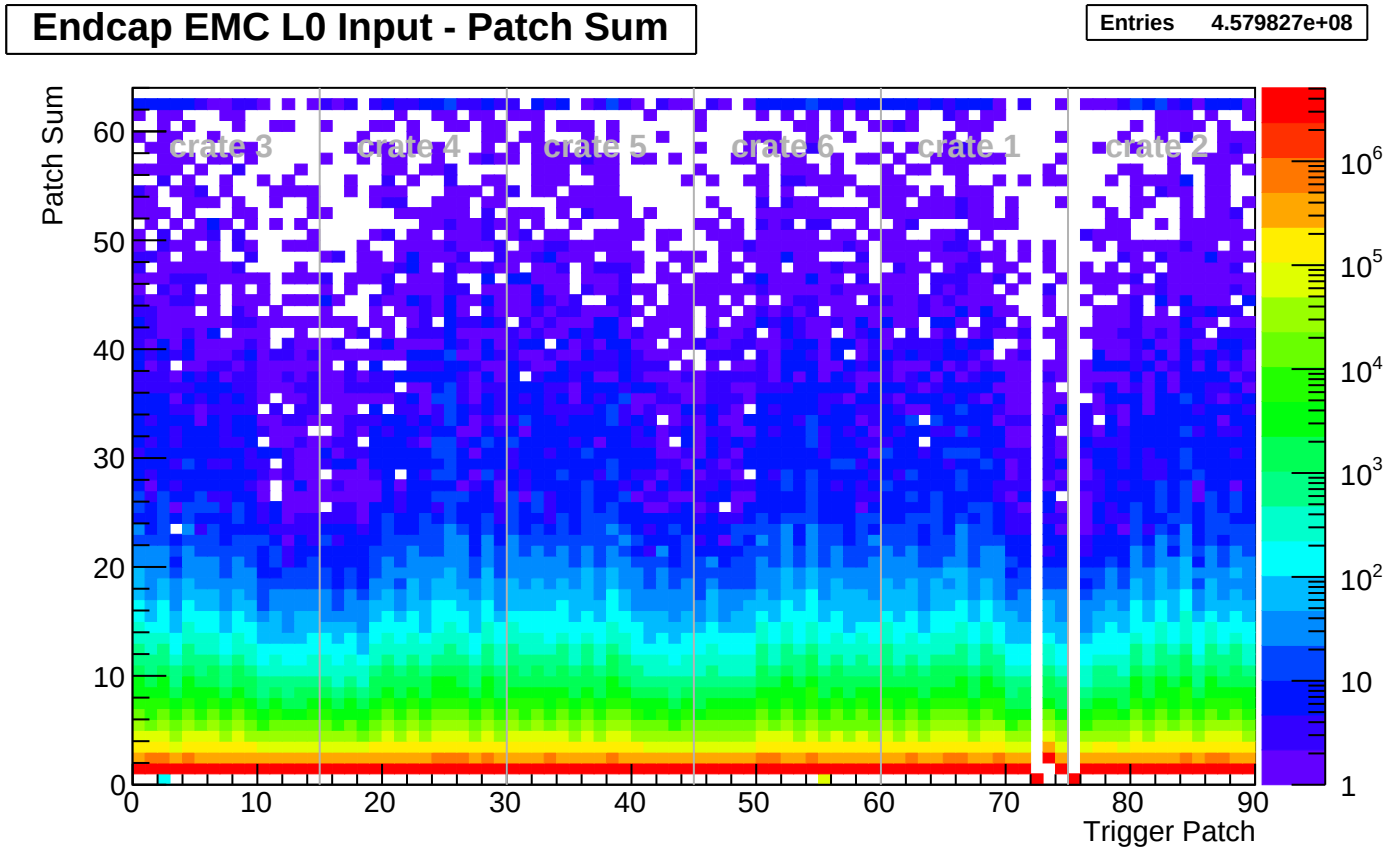
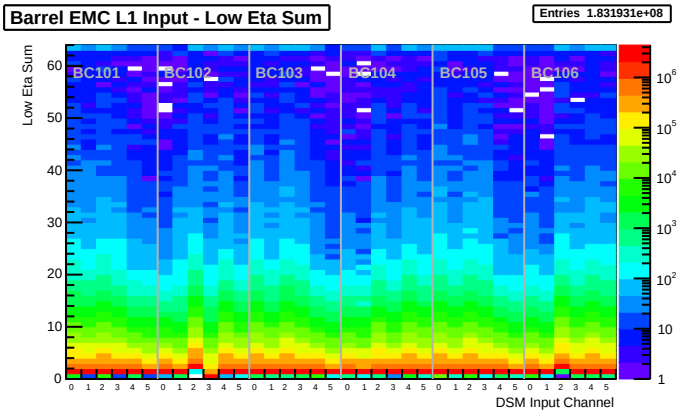
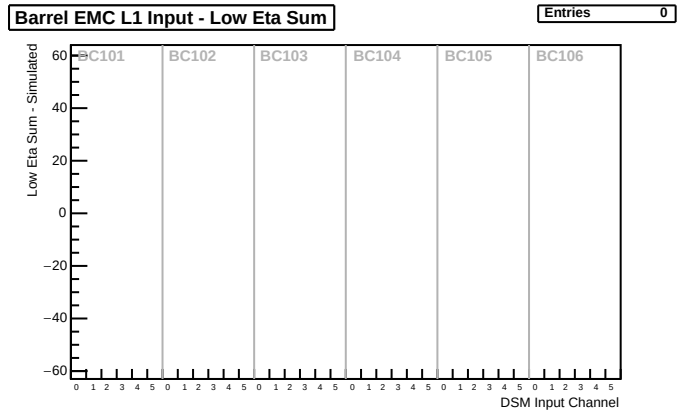

Barrel EMC L0 Input - High Tower
Entries 1.526609e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

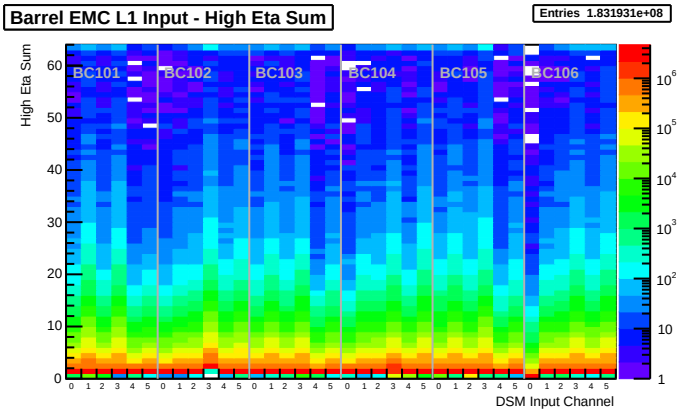

Barrel EMC L0 Input - Patch Sum
Entries 1.526609e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

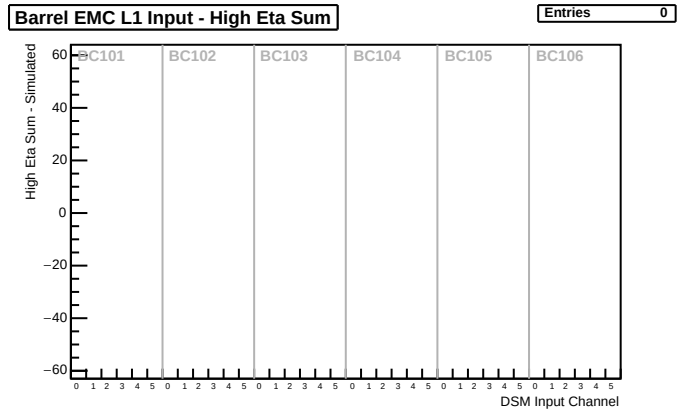

Endcap EMC L0 Input - High Tower
Entries 4.579827e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

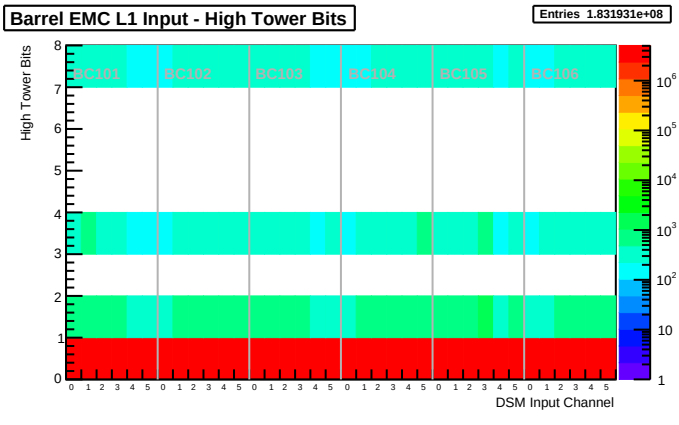

Endcap EMC L0 Input - Patch Sum
Entries 4.579827e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

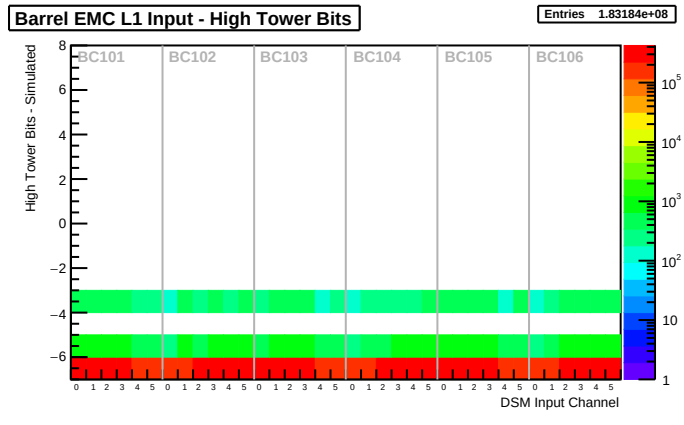

Barrel EMC L1 Input - Low Eta Sum
Entries 1.831931e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

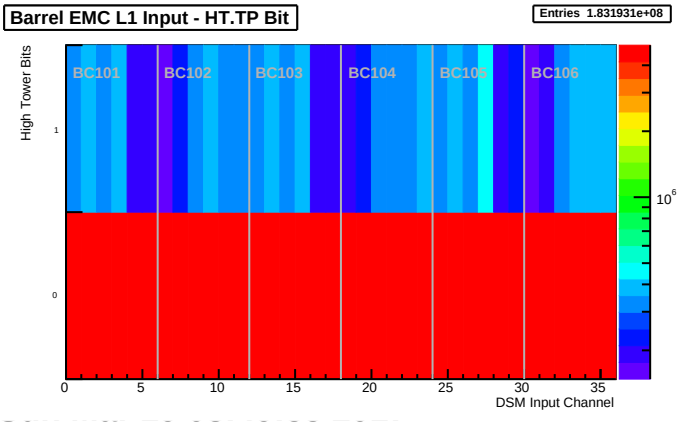

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

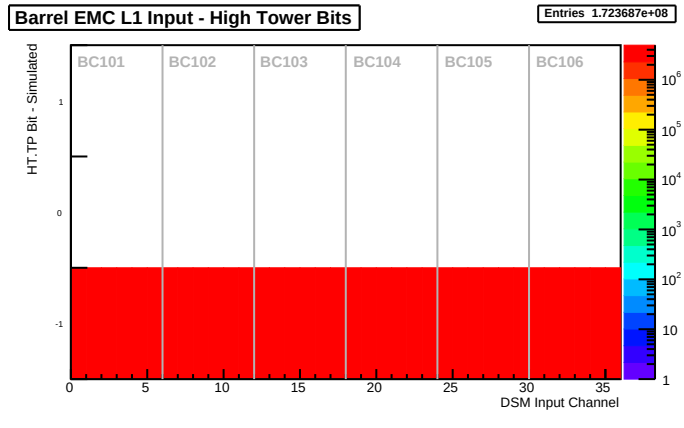

Barrel EMC L1 Input - High Eta Sum
Entries 1.831931e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

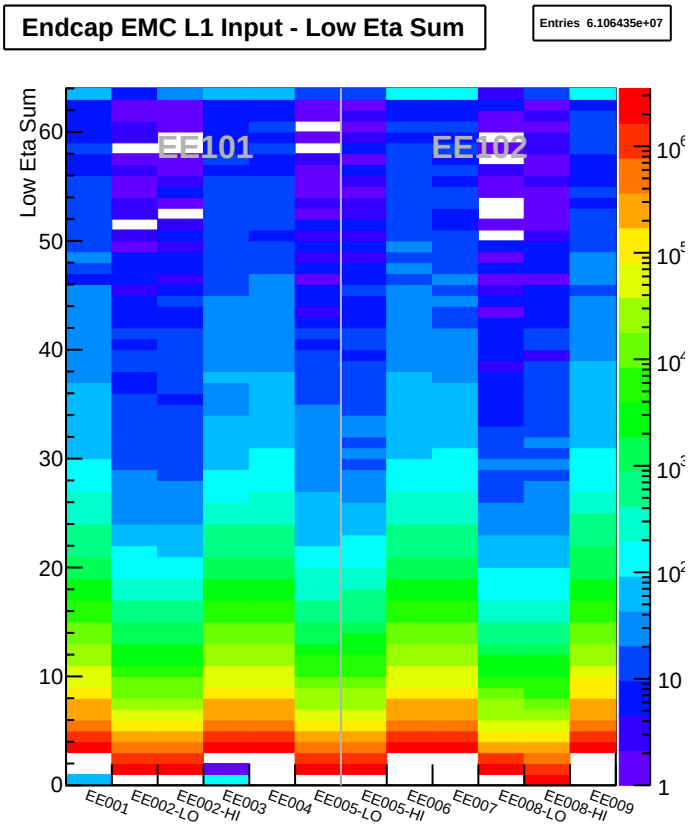

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

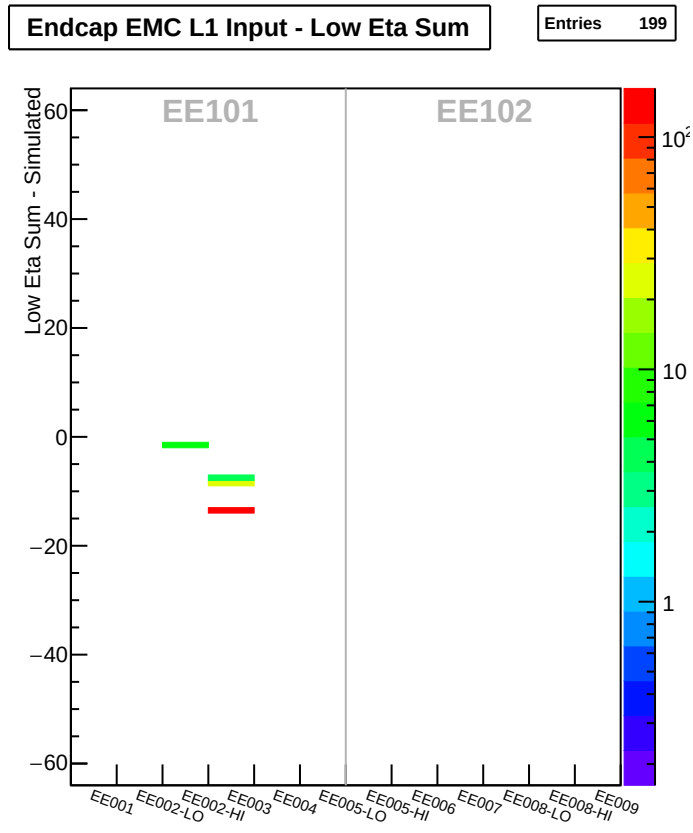

Barrel EMC L1 Input - High Tower Bits
Entries 1.831931e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

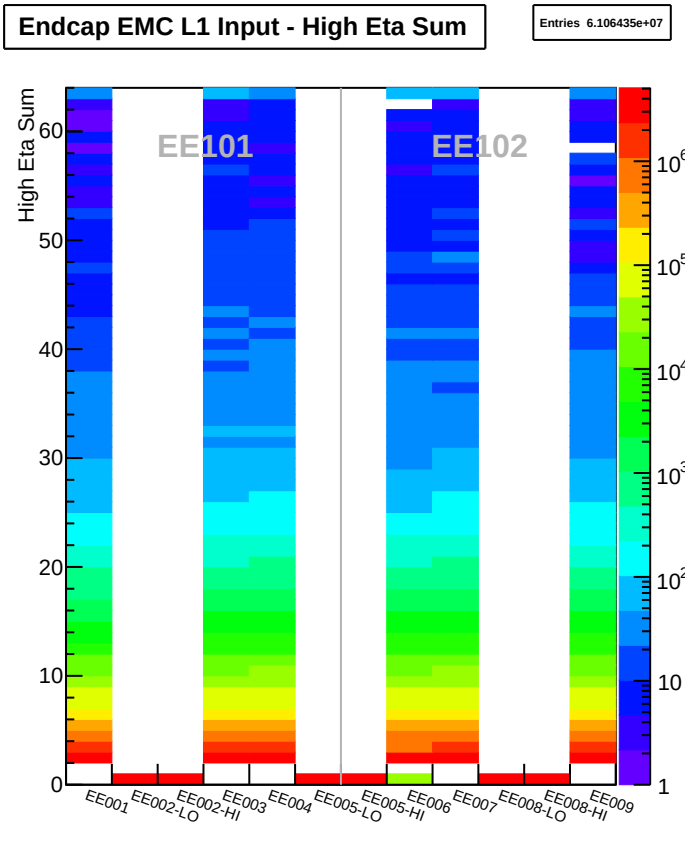

Barrel EMC L1 Input - High Tower Bits
Entries 1.83184e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

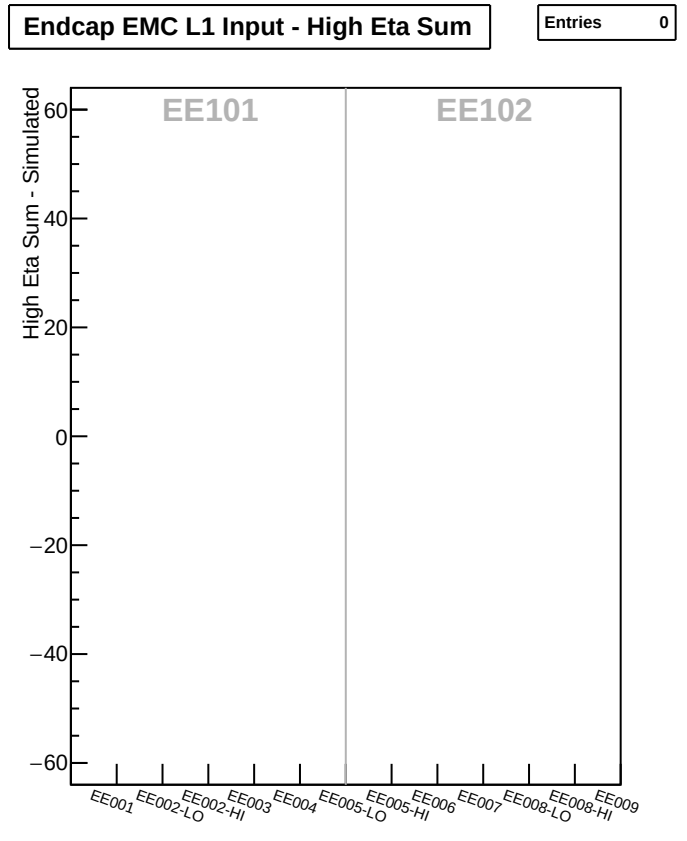

Barrel EMC L1 Input - HT.TP Bit
Entries 1.831931e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

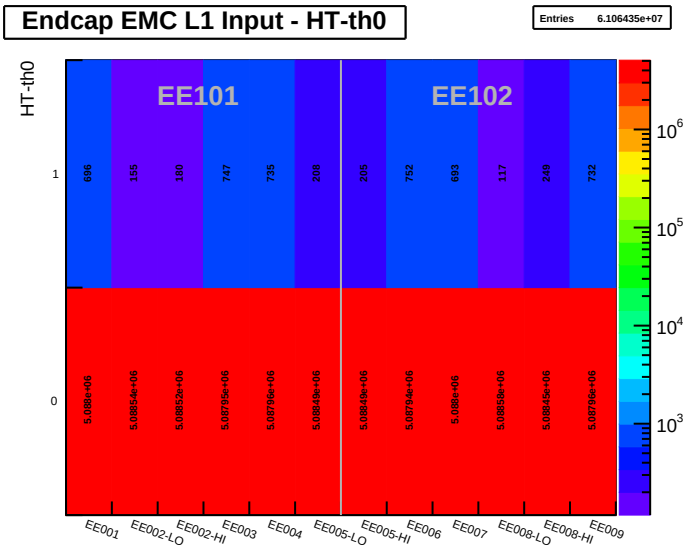

Barrel EMC L1 Input - High Tower Bits
Entries 1.723687e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

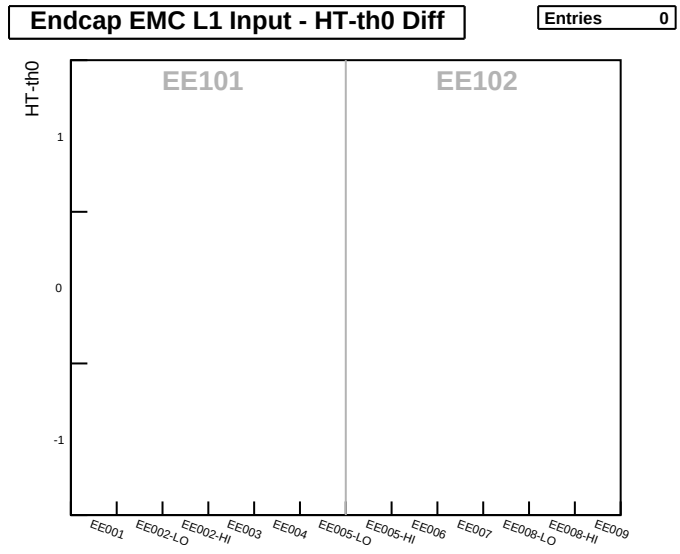

Endcap EMC L1 Input - Low Eta Sum
Entries 6.106435e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

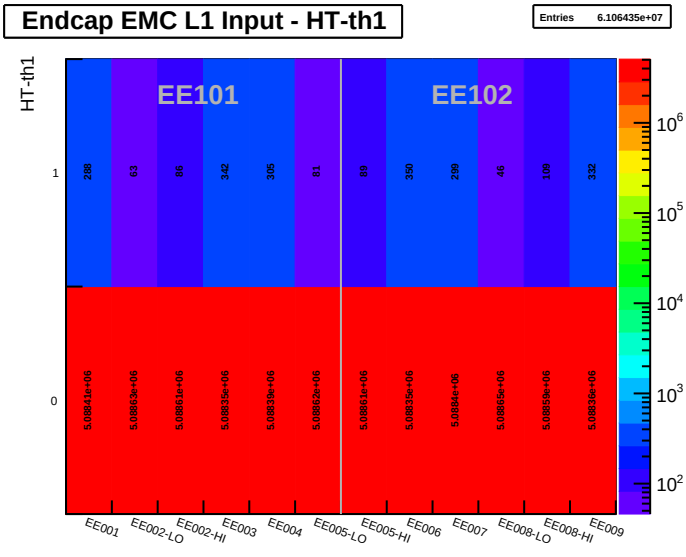

Endcap EMC L1 Input - Low Eta Sum
Entries 199
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

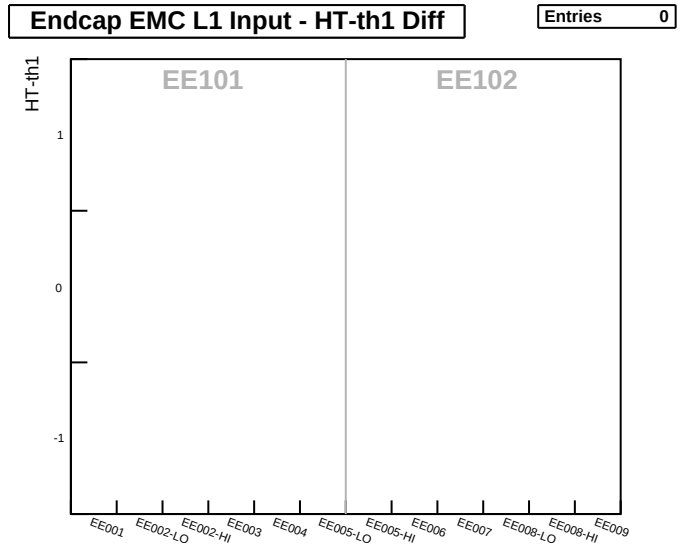

Endcap EMC L1 Input - High Eta Sum
Entries 6.106435e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

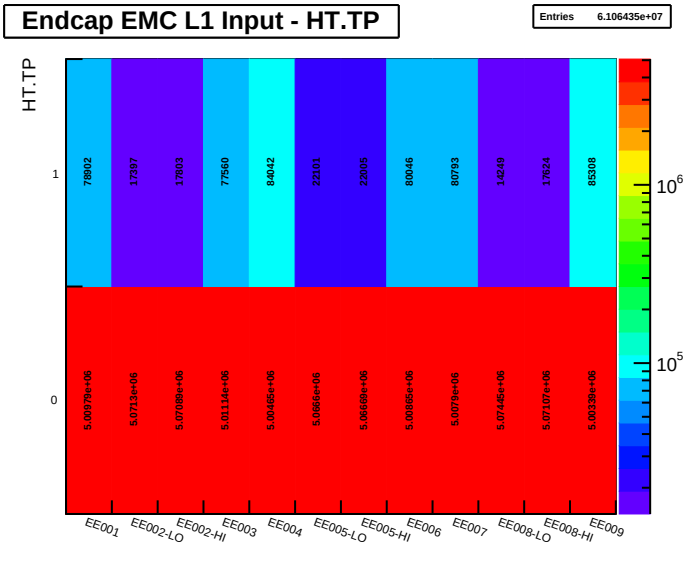

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

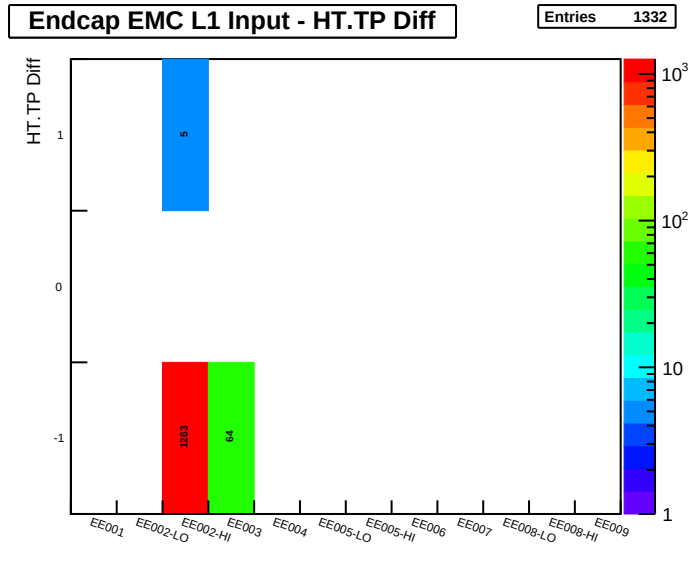

Endcap EMC L1 Input - HT-th0
Entries 6.106435e+07
HT-th0
EE101
EE102
1
0
696 155 180 747 735 208 205 752 693 117 249 732
5.088e+06 5.08854e+06 5.08852e+06 5.08795e+06 5.08796e+06 5.08849e+06 5.08849e+06 5.08794e+06 5.088e+06 5.08858e+06 5.08845e+06 5.08796e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

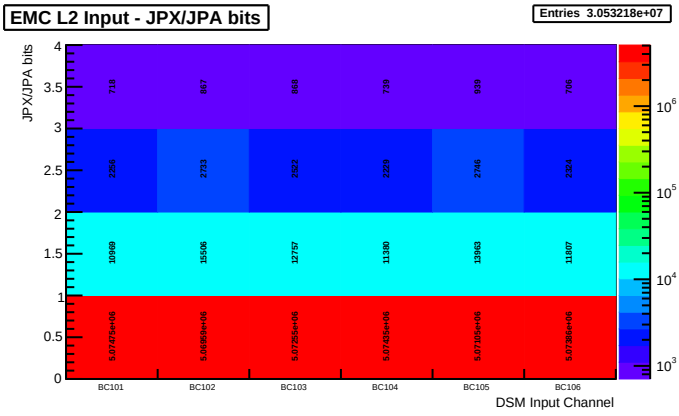

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

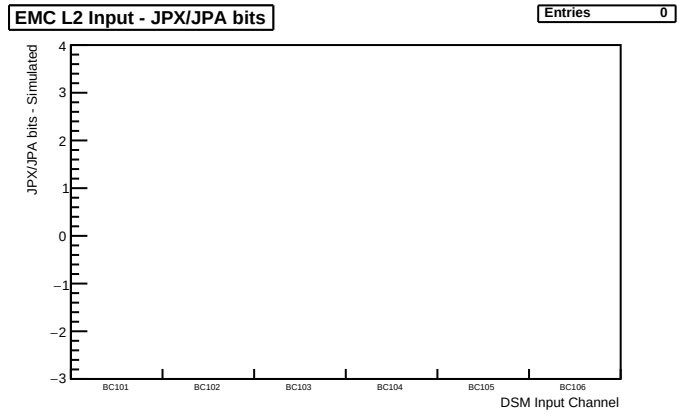

Endcap EMC L1 Input - HT-th1
Entries 6.106435e+07
HT-th1
EE101
EE102
1
0
288 63 86 342 305 81 89 350 299 46 109 332
5.08841e+06 5.08853e+06 5.08861e+06 5.08835e+06 5.08839e+06 5.08862e+06 5.08861e+06 5.08835e+06 5.0884e+06 5.08865e+06 5.08859e+06 5.08836e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3
10^2

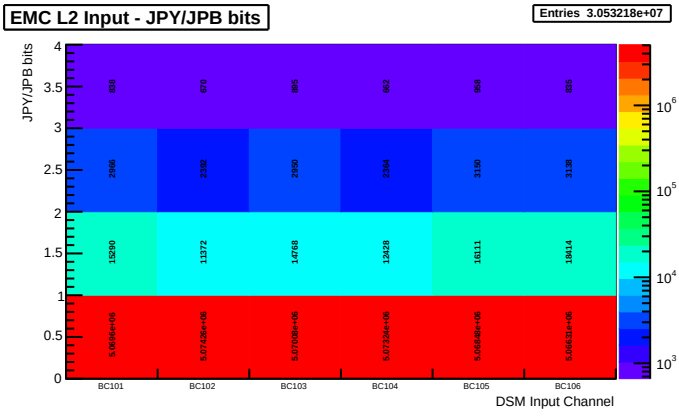

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

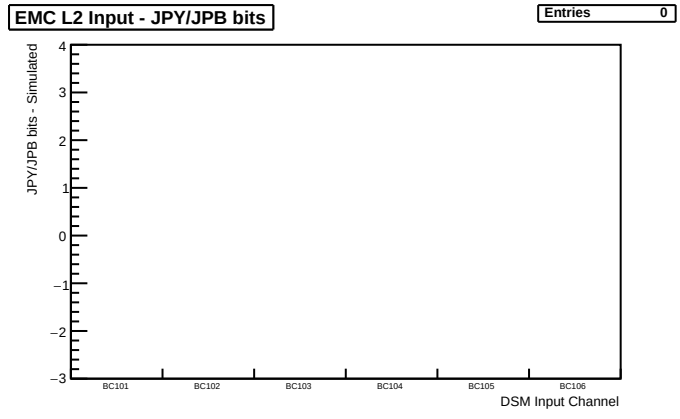

Endcap EMC L1 Input - HT.TP
Entries 6.106435e+07
HT.TP
1
0
78902 17397 17803 77560 84042 22101 22005 80046 80793 14249 17624 85308
5.00978e+06 5.0713e+06 5.07088e+06 5.01114e+06 5.00465e+06 5.0666e+06 5.06669e+06 5.00865e+06 5.0079e+06 5.07445e+06 5.07107e+06 5.00339e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5

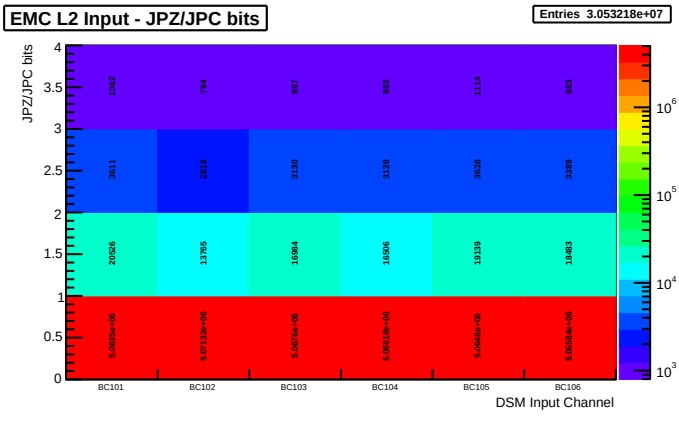

Endcap EMC L1 Input - HT.TP Diff
Entries 1332
HT.TP Diff
1
0
-1
5
1263
64
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3
10^2
10
1

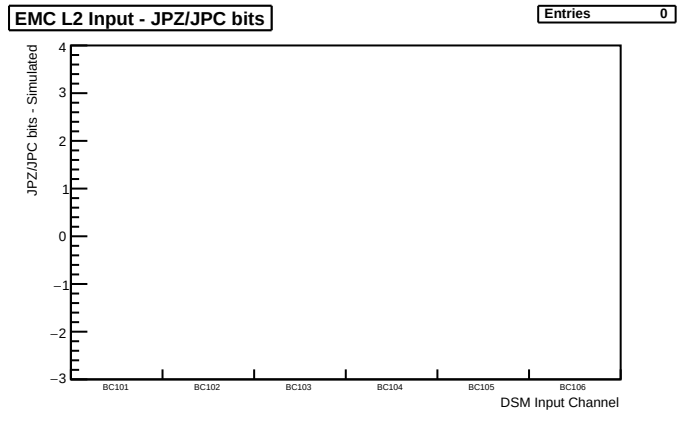

EMC L2 Input - JPX/JPA bits
Entries 3.053218e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

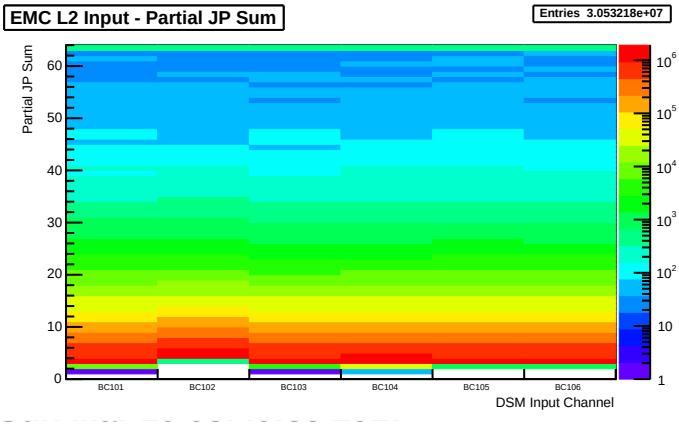

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

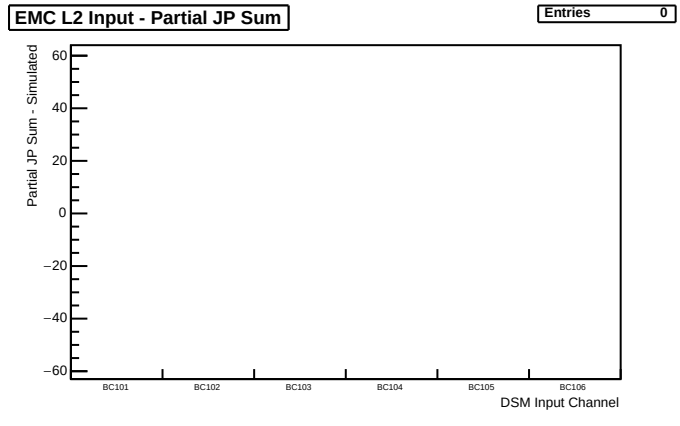

EMC L2 Input - JPY/JPB bits
Entries 3.053218e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

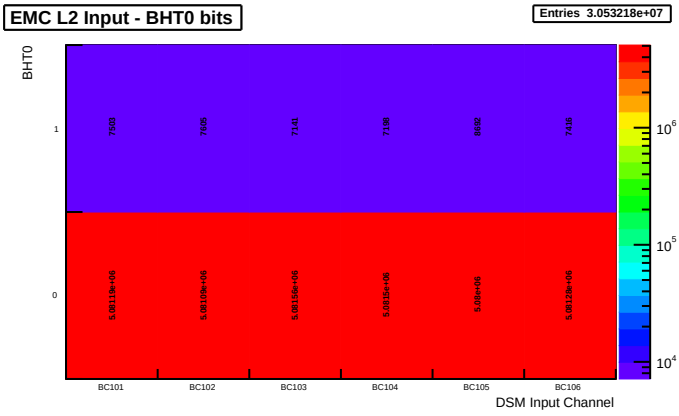

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

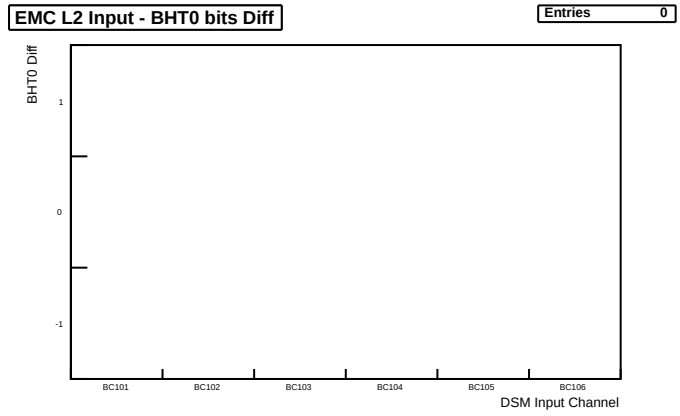

EMC L2 Input - JPZ/JPC bits
Entries 3.053218e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

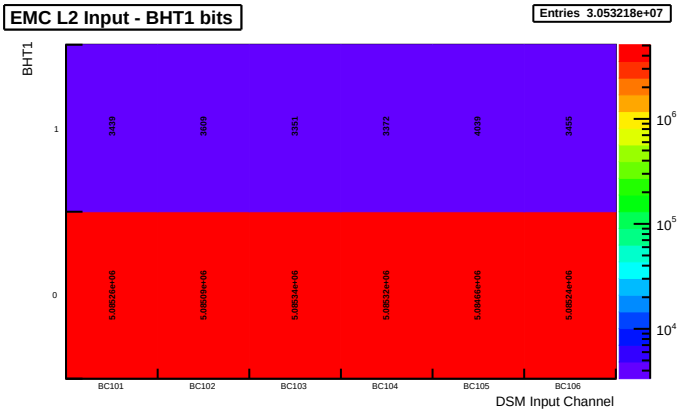

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

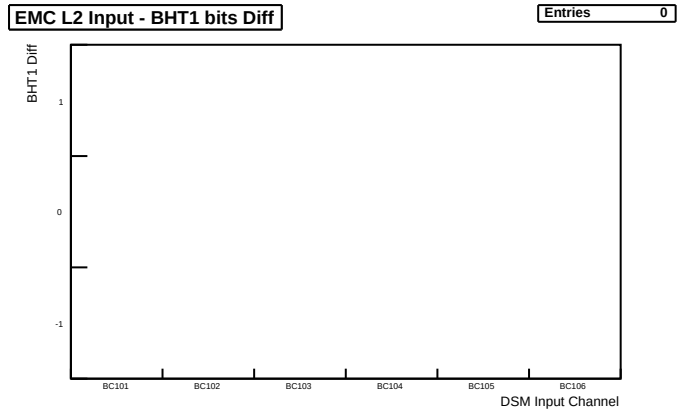

EMC L2 Input - Partial JP Sum
Entries 3.053218e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

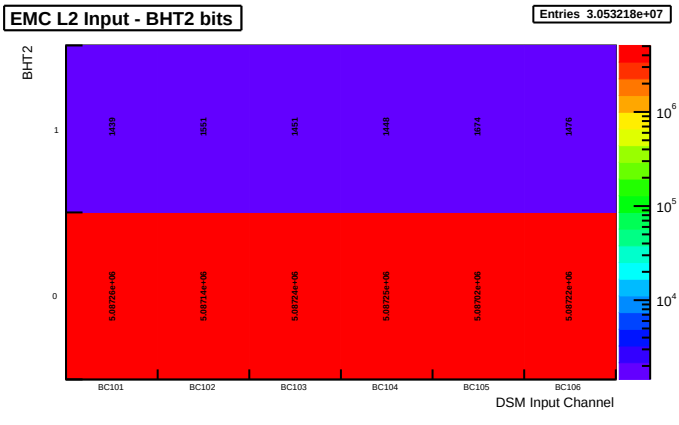

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

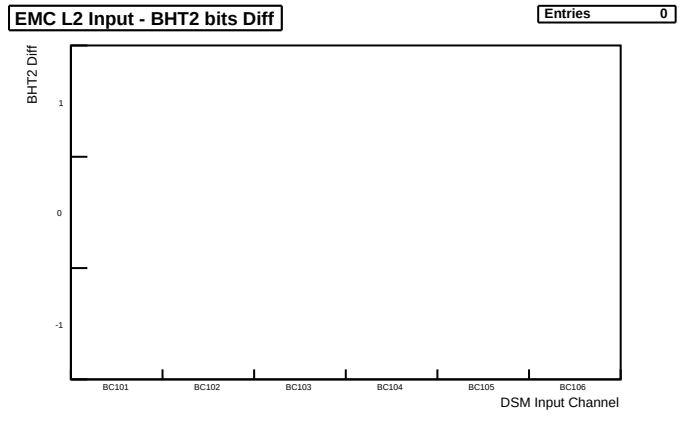

EMC L2 Input - BHT0 bits
Entries 3.053218e+07
BHT0
7503
7605
7141
7198
8632
7416
5.01119e+06
5.01109e+06
5.01159e+06
5.0115e+06
5.09e+06
5.01129e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

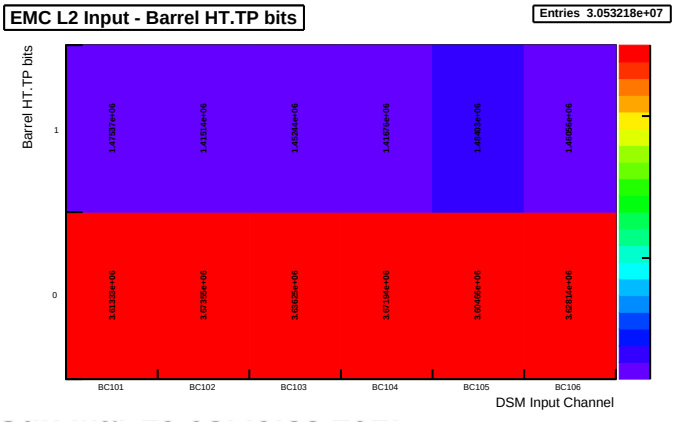

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

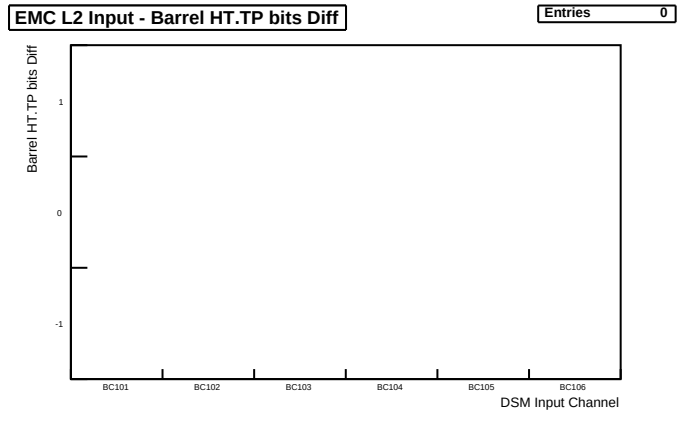

EMC L2 Input - BHT1 bits
Entries 3.053218e+07
BHT1
3439
3609
3351
3372
4039
3455
5.08526e+06
5.08509e+06
5.08344e+06
5.08322e+06
5.09466e+06
5.08324e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

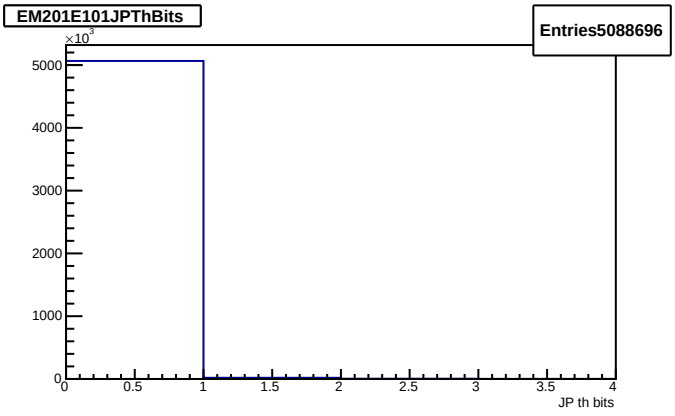

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

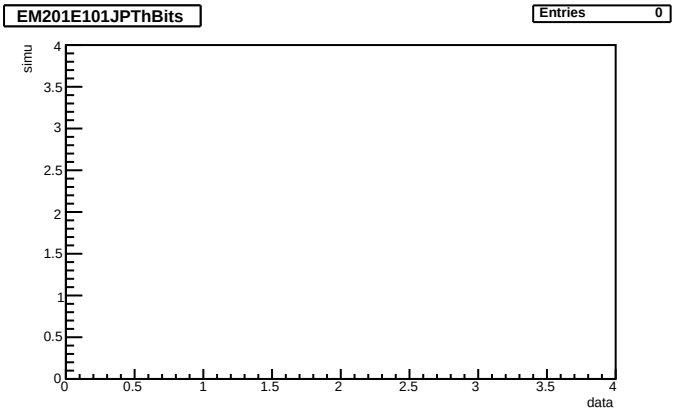

EMC L2 Input - BHT2 bits
Entries 3.053218e+07
BHT2
1439
1551
1451
1448
1674
1476
5.08726e+06
5.08714e+06
5.08724e+06
5.08725e+06
5.08702e+06
5.08722e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

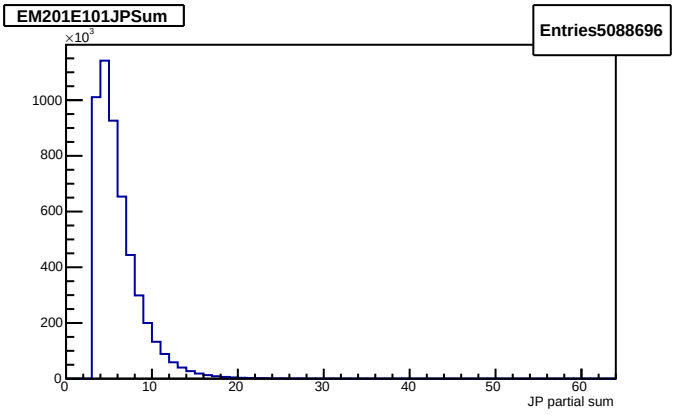

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

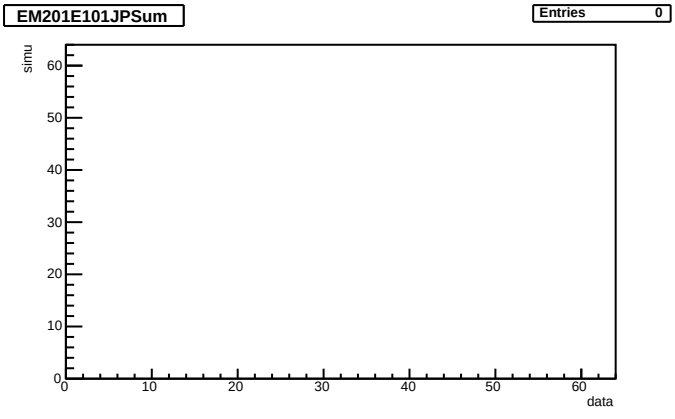

EMC L2 Input - Barrel HT.TP bits
Entries 3.053218e+07
Barrel HT.TP bits
1.47537e+06
1.4151e+06
1.45344e+06
1.41076e+06
1.48403e+06
1.46056e+06
3.63133e+06
3.67355e+06
3.63425e+06
3.67194e+06
3.60468e+06
3.62811e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

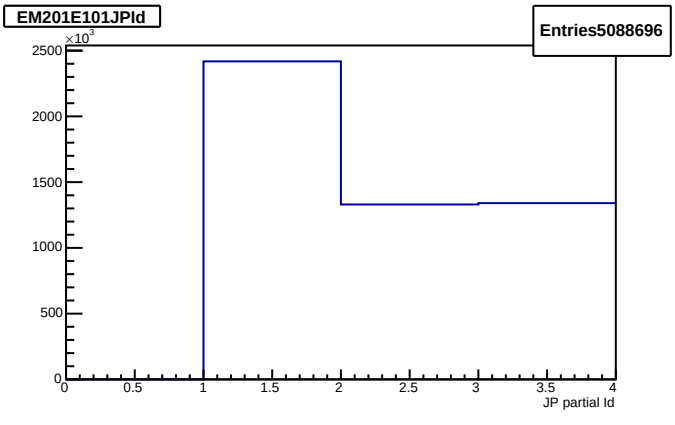

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

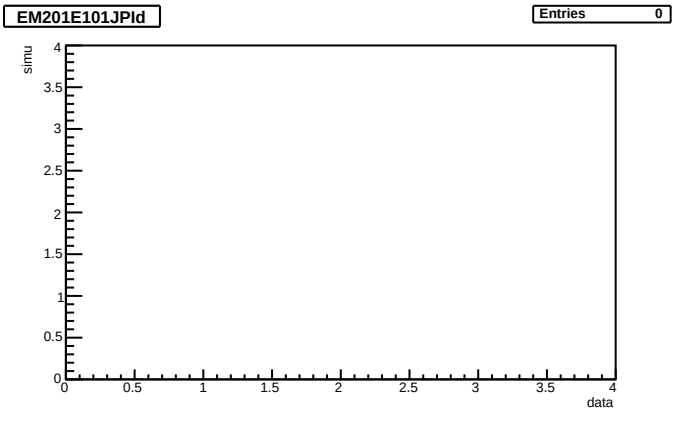

EM201E101JPThBits
Entries5088696
×10^3
JP th bits

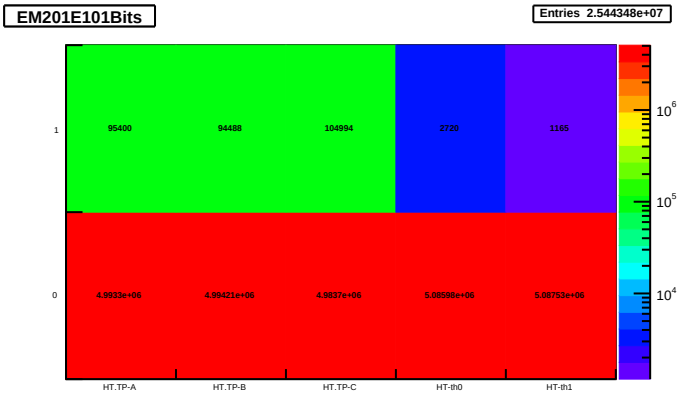

EM201E101JPThBits
Entries 0
simu
data

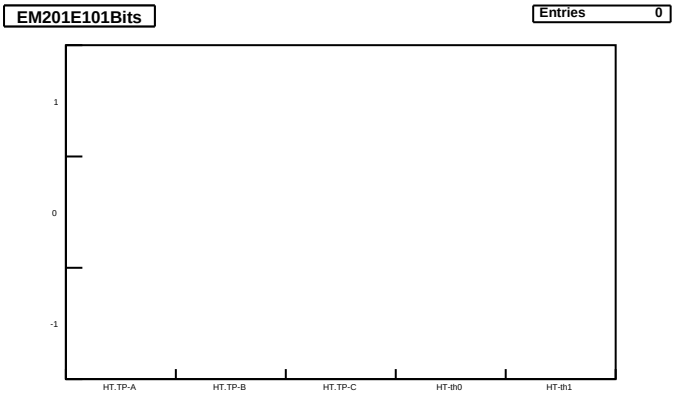

EM201E101JPSum
Entries5088696
×10^3
JP partial sum

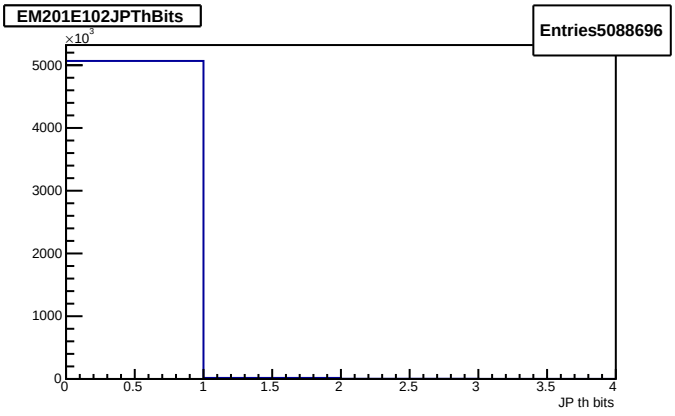

EM201E101JPSum
Entries 0
simu
data

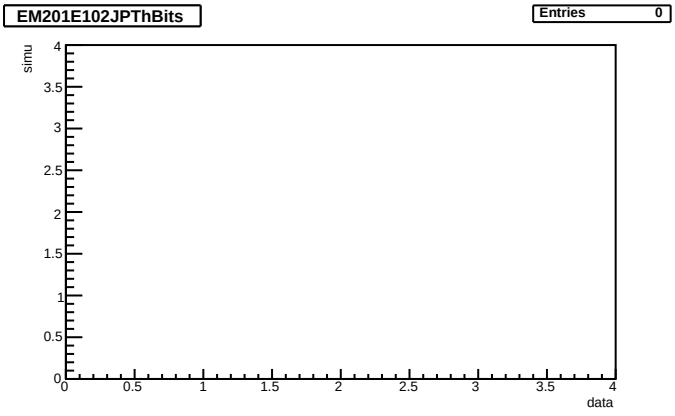

EM201E101JPId
Entries5088696
×10^3
JP partial Id

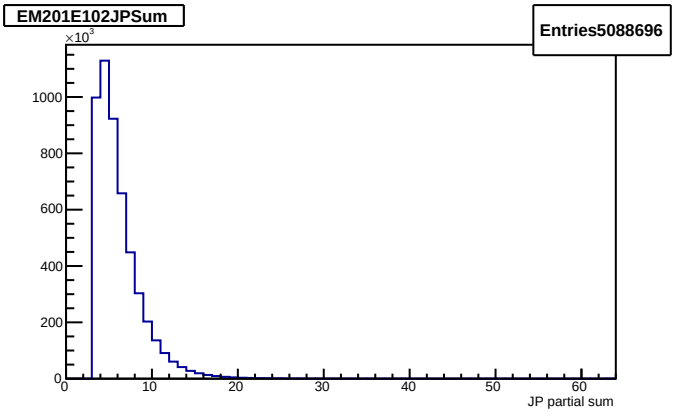

EM201E101JPId
Entries 0
simu
data

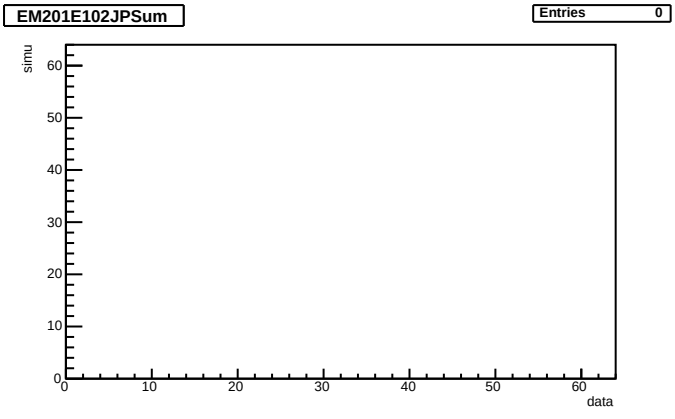

EM201E101Bits
Entries 2.544348e+07
95400
94488
104994
2720
1165
4.9933e+06
4.99421e+06
4.9837e+06
5.08598e+06
5.08753e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

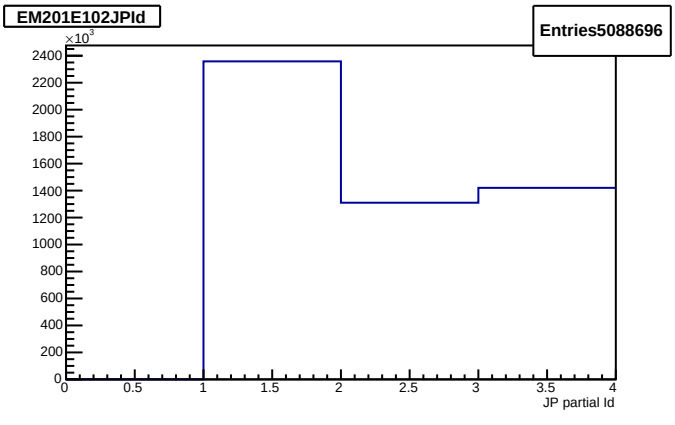

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

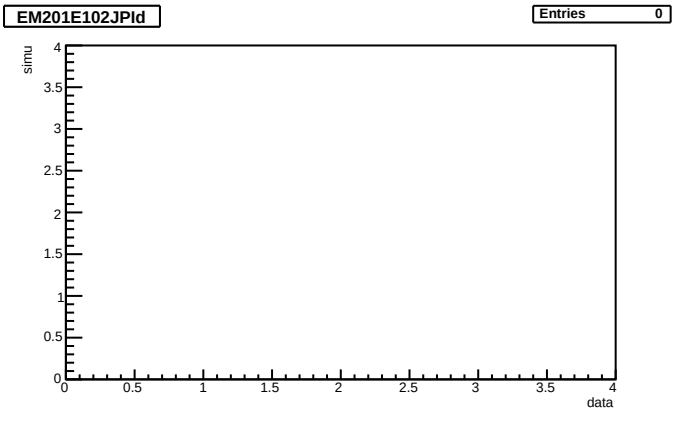

EM201E102JPThBits
Entries5088696
×10^3
JP th bits

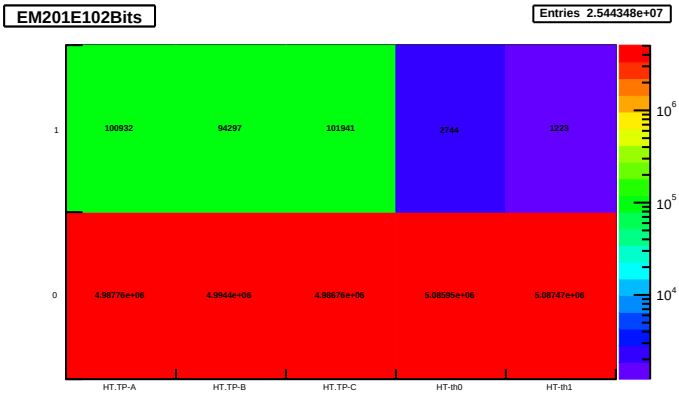

EM201E102JPThBits
Entries 0
simu
data

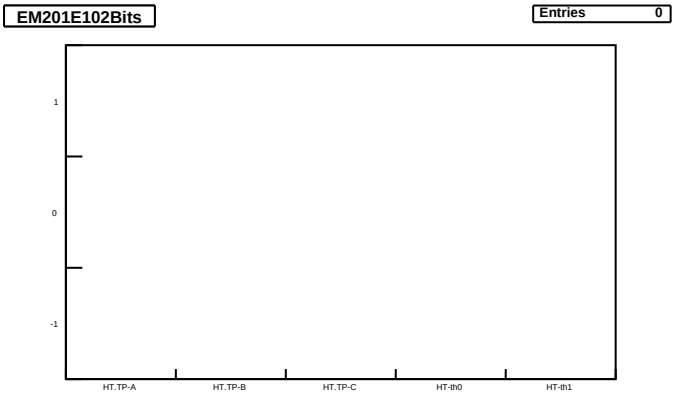

EM201E102JPSum
Entries5088696
×10^3
JP partial sum

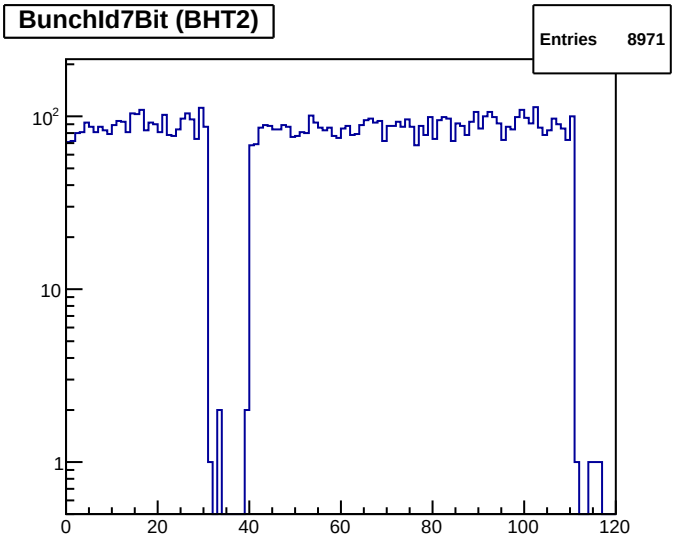

EM201E102JPSum
Entries 0
simu
data

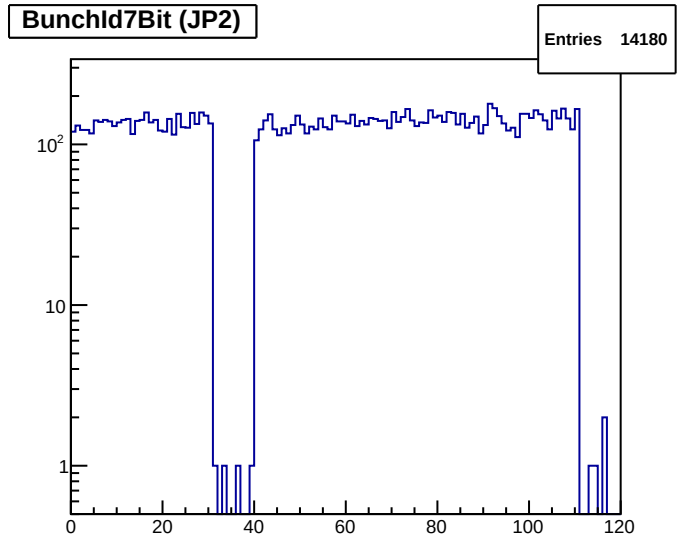

EM201E102JPId
Entries5088696
×10^3
JP partial Id

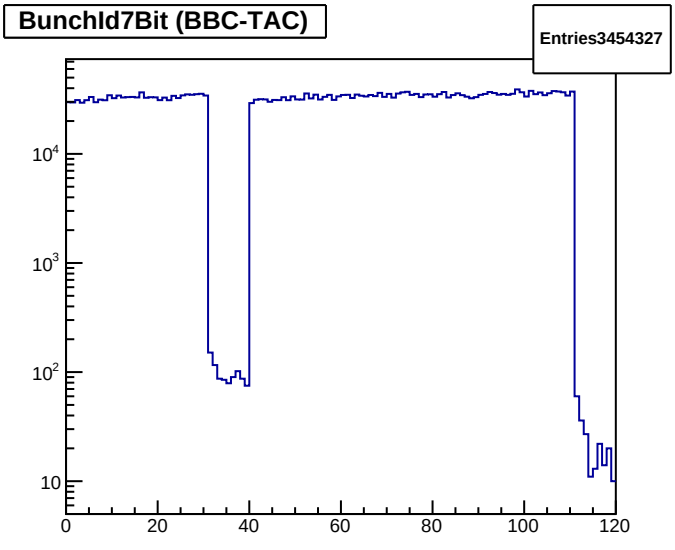

EM201E102JPId
Entries 0
simu
data

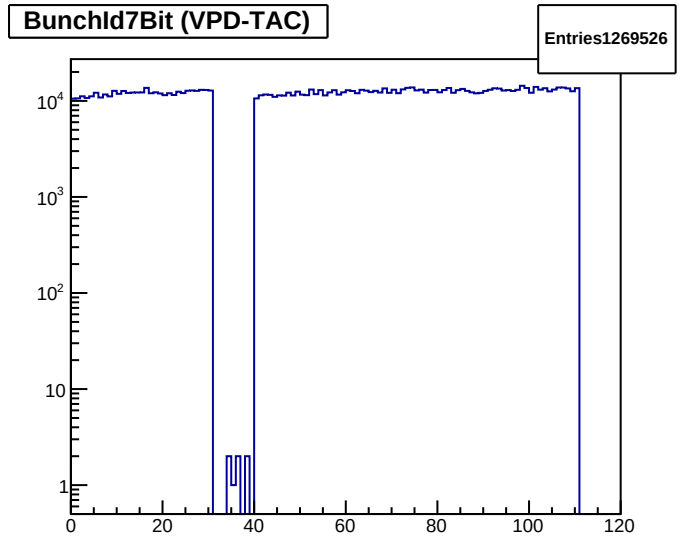

EM201E102Bits
Entries 2.544348e+07
100932
94297
101941
2744
1223
4.98776e+06
4.9944e+06
4.98676e+06
5.08595e+06
5.08747e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

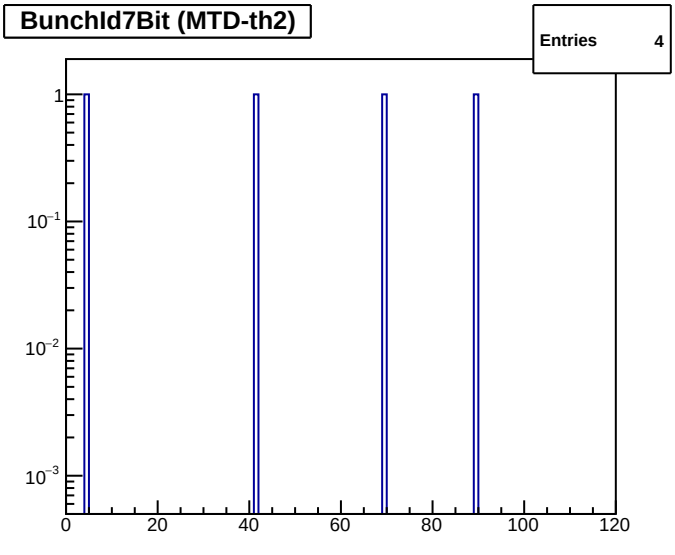

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

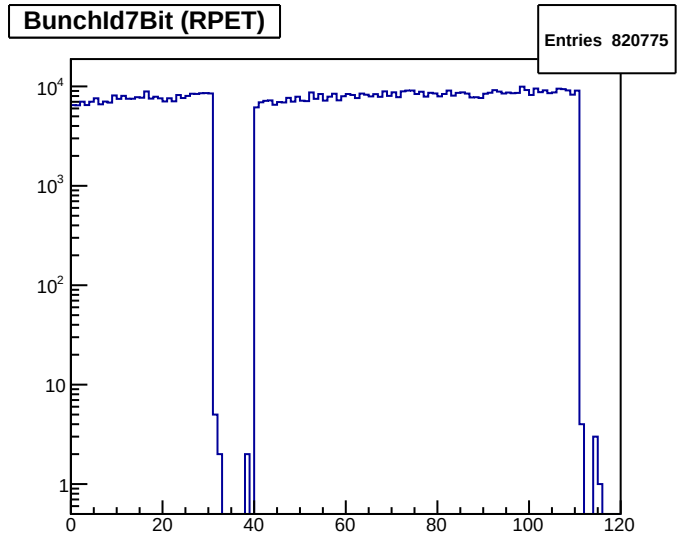

BunchId7Bit (BHT2)
Entries 8971

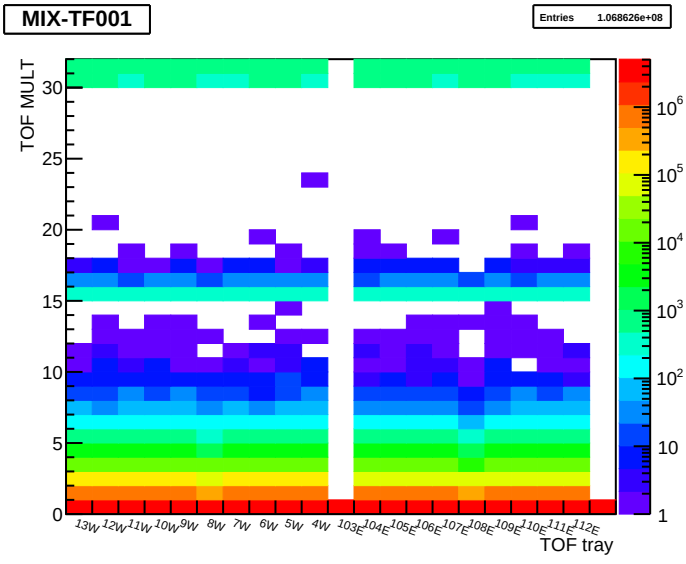

BunchId7Bit (JP2)
Entries 14180

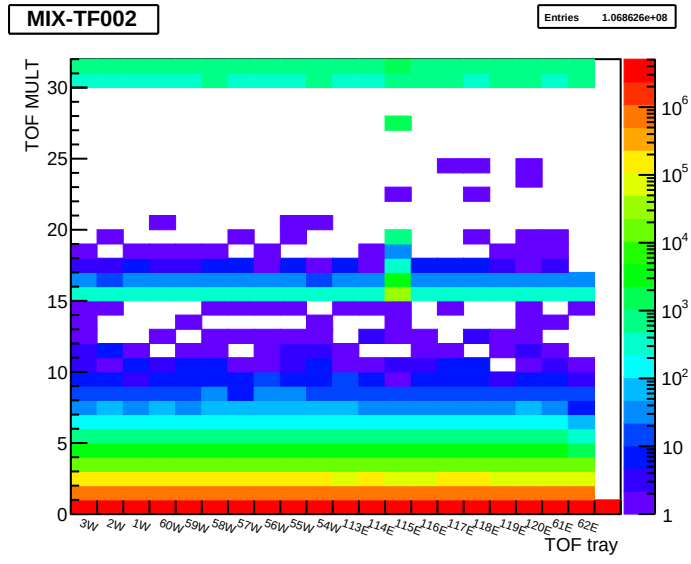

BunchId7Bit (BBC-TAC)
Entries3454327

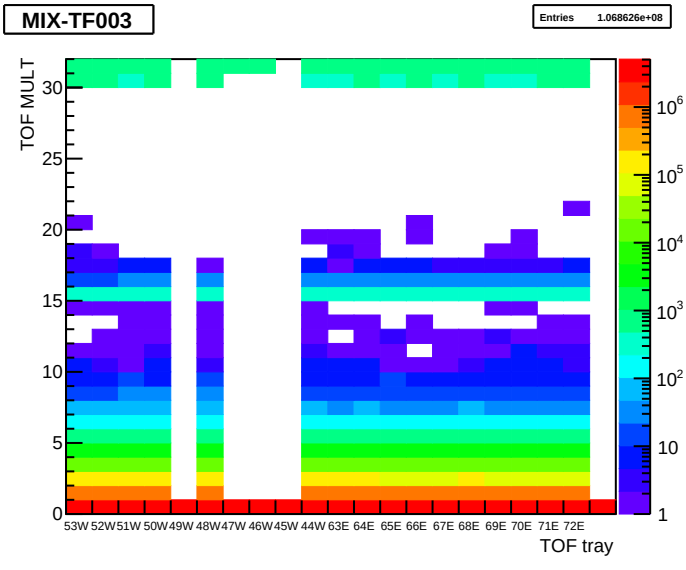

BunchId7Bit (VPD-TAC)
Entries1269526

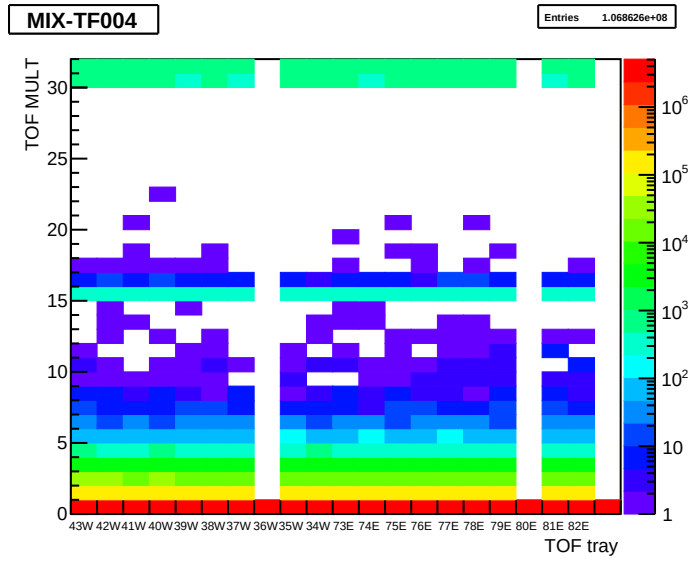

BunchId7Bit (MTD-th2)
Entries 4

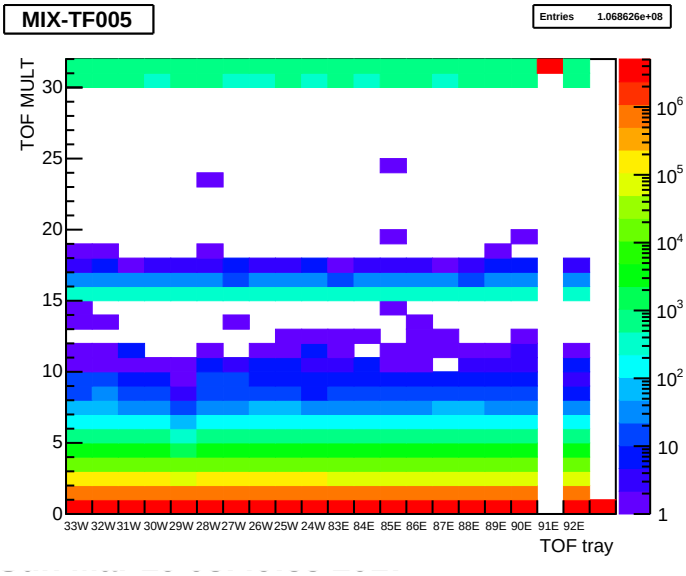

BunchId7Bit (RPET)
Entries 820775

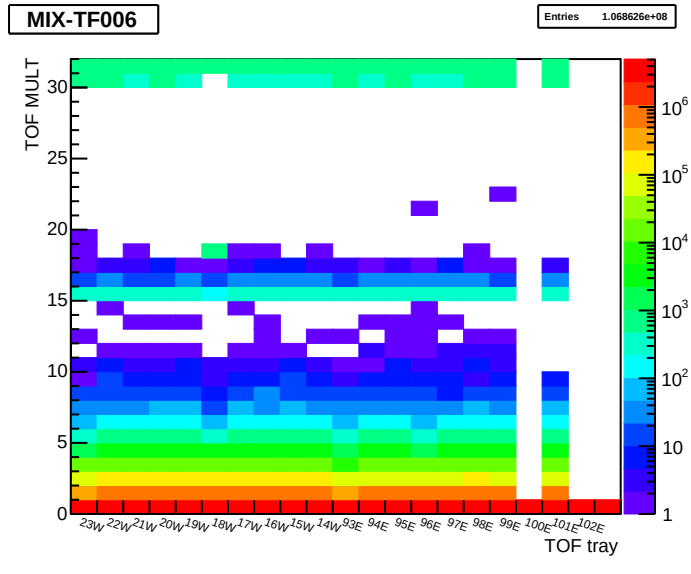

MIX-TF001
Entries 1.068626e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

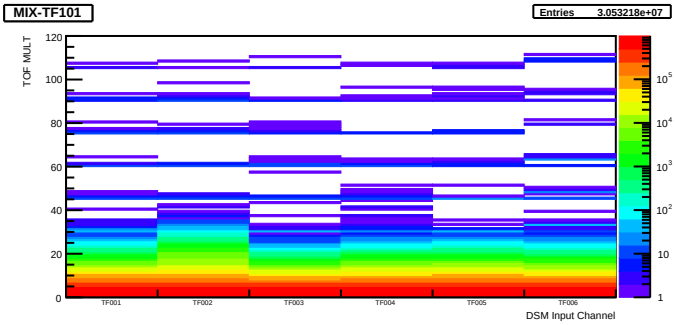

MIX-TF002
Entries 1.068626e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

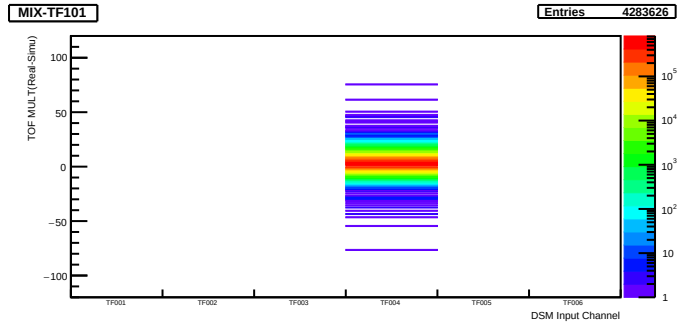

MIX-TF003
Entries 1.068626e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

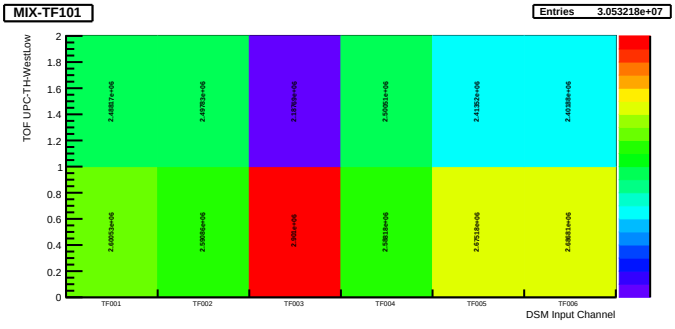

MIX-TF004
Entries 1.068626e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

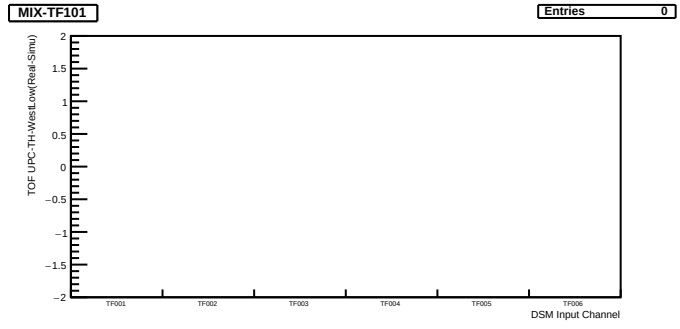

MIX-TF005
Entries 1.068626e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

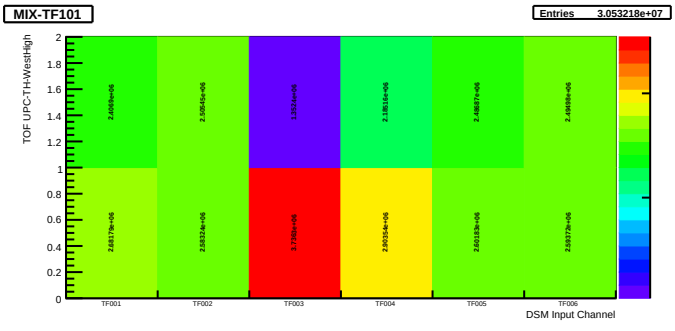

MIX-TF006
Entries 1.068626e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

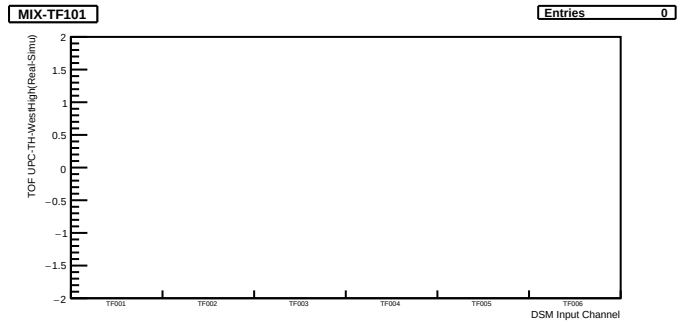

MIX-TF101
Entries 3.053218e+07
TOF MULT
DSM Input Channel

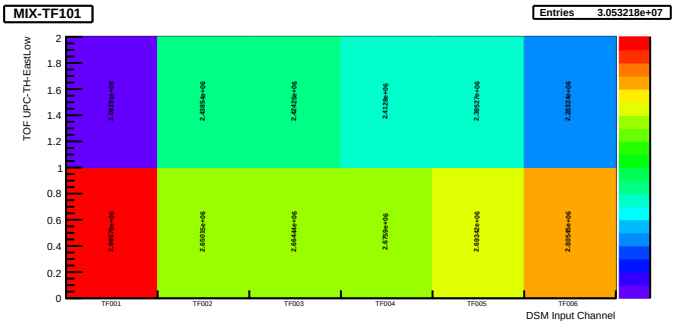

MIX-TF101
Entries 4283626
TOF MULT(Real-Simu)
DSM Input Channel

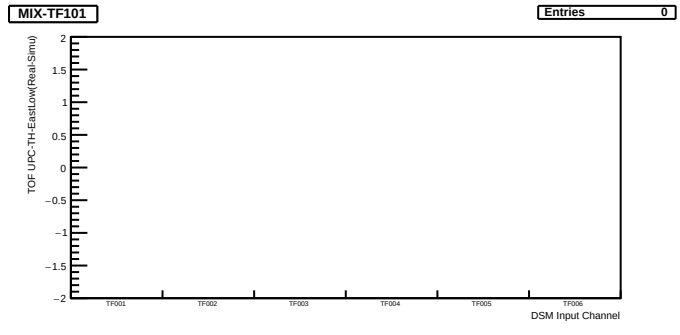

MIX-TF101
Entries 3.053218e+07
TOF UPC-TH-WestLow
DSM Input Channel

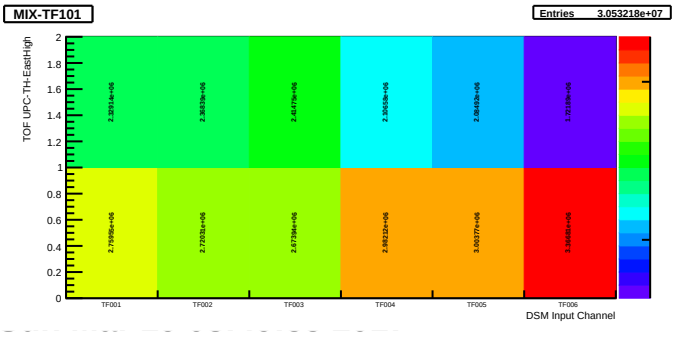

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

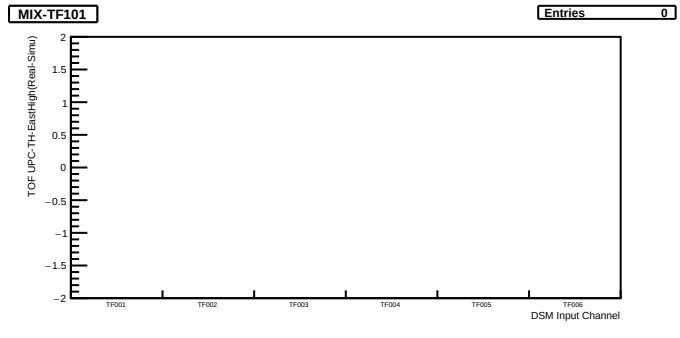

MIX-TF101
Entries 3.053218e+07
TOF UPC-TH-WestHigh
DSM Input Channel

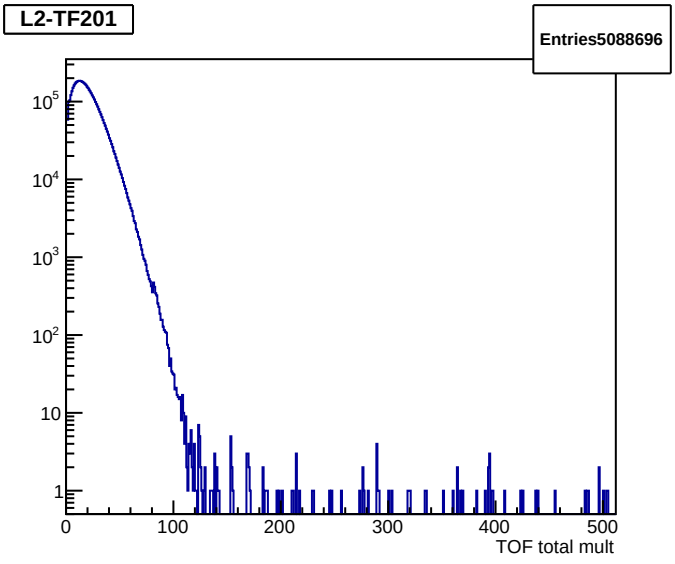

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

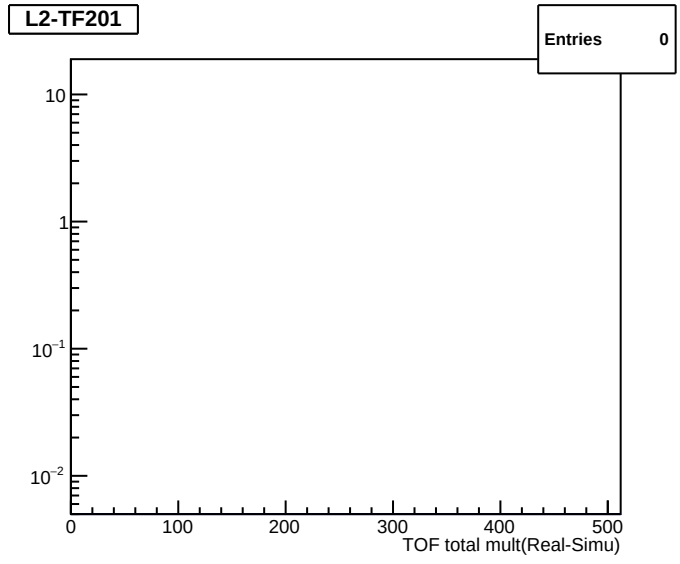

MIX-TF101
Entries 3.053218e+07
TOF UPC-TH-EastLow
DSM Input Channel

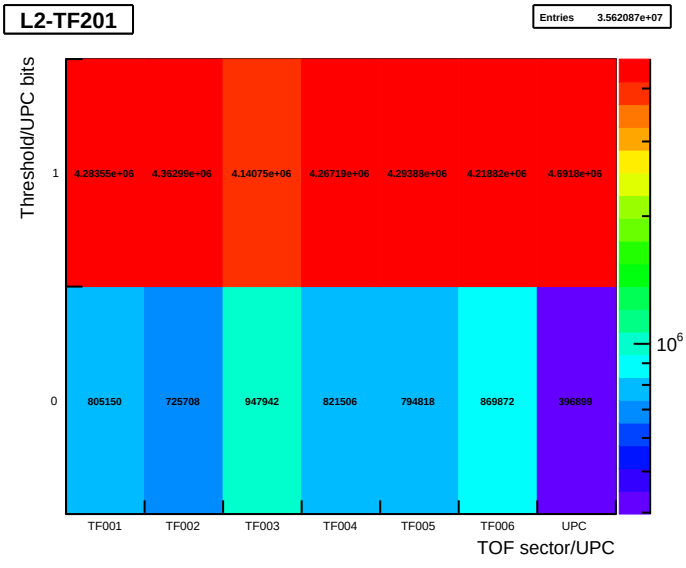

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

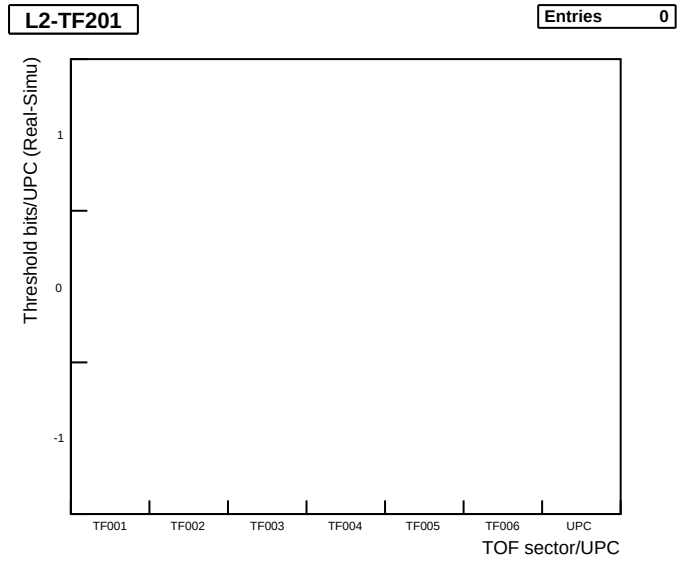

MIX-TF101
Entries 3.053218e+07
TOF UPC-TH-EastHigh
DSM Input Channel

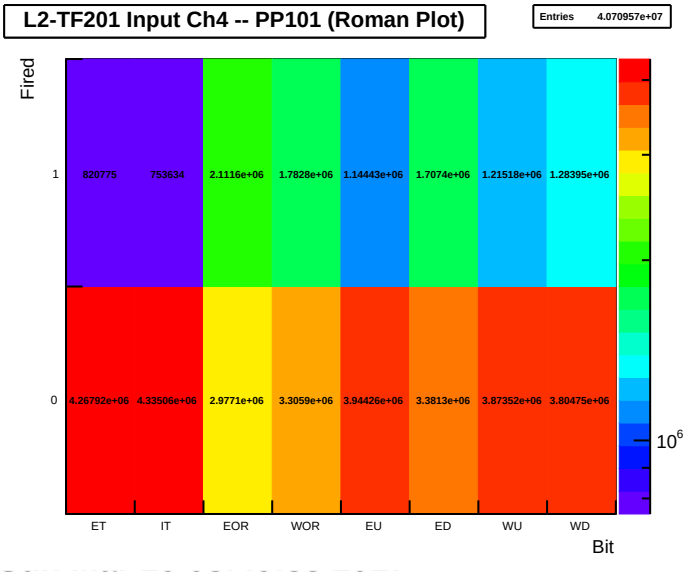

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

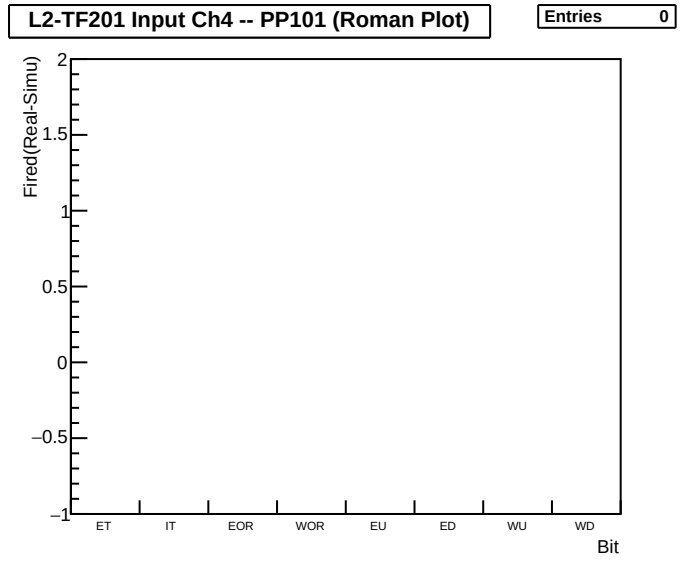

L2-TF201
Entries5088696
TOF total mult

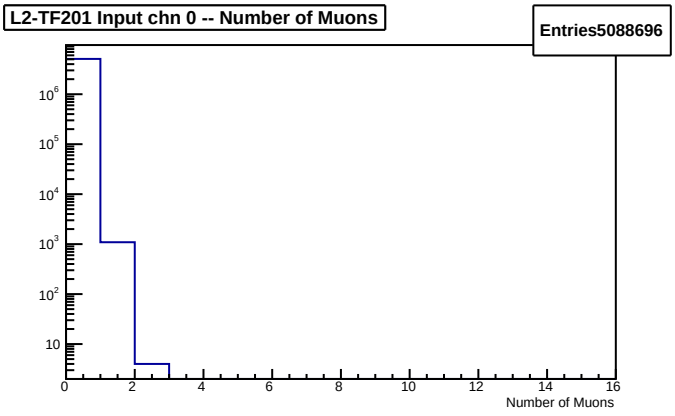

L2-TF201
Entries 0
TOF total mult(Real-Simu)

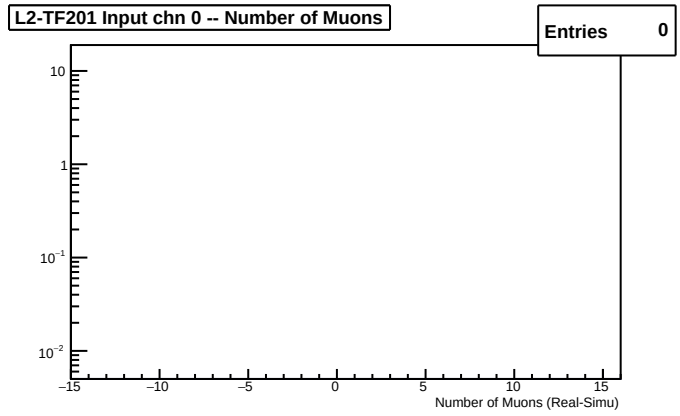

L2-TF201
Entries 3.562087e+07
Threshold/UPC bits
4.28355e+06
4.36299e+06
4.14075e+06
4.26719e+06
4.29388e+06
4.21882e+06
4.6918e+06
805150
725708
947942
821506
794818
869872
396899
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

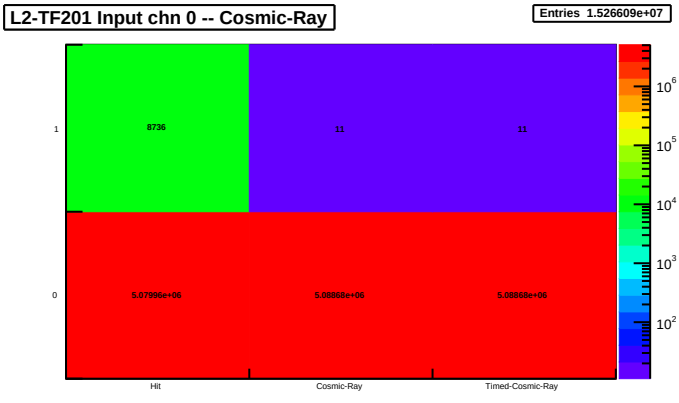

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

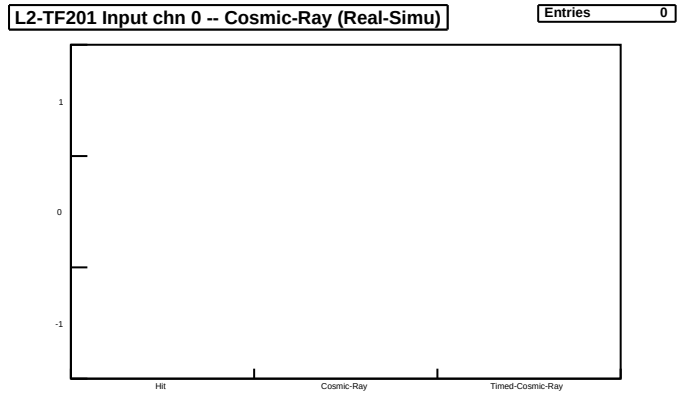

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.070957e+07
Fired
820775
753634
2.1116e+06
1.7828e+06
1.14443e+06
1.7074e+06
1.21518e+06
1.28395e+06
4.26792e+06
4.33506e+06
2.9771e+06
3.3059e+06
3.94426e+06
3.3813e+06
3.87352e+06
3.80475e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

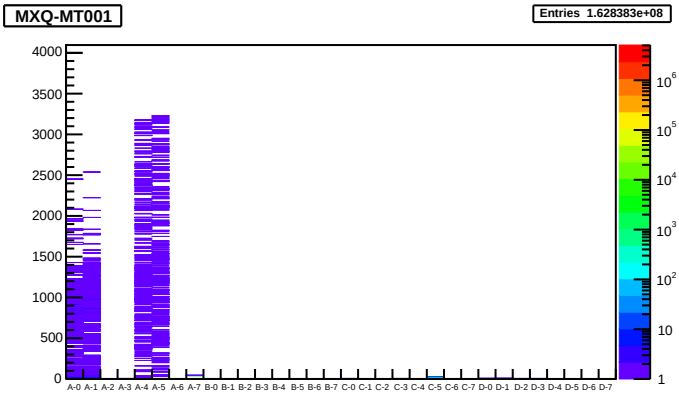

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

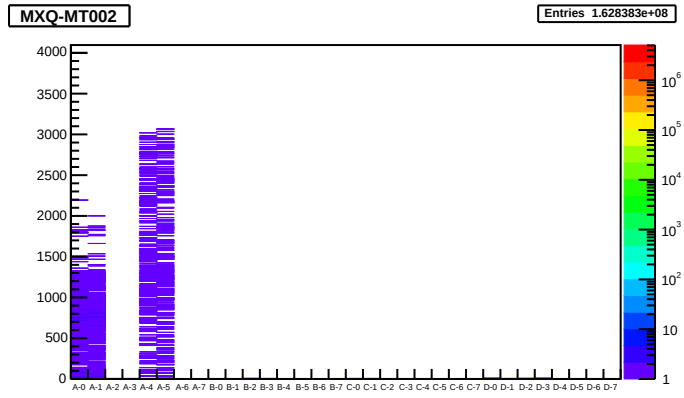

L2-TF201 Input chn 0 -- Number of Muons
Entries5088696
Number of Muons

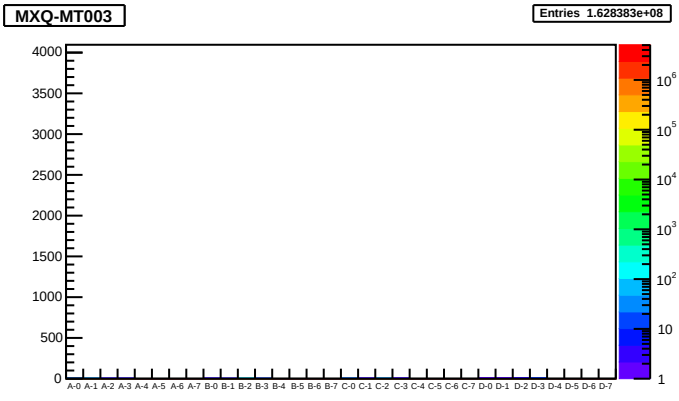

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

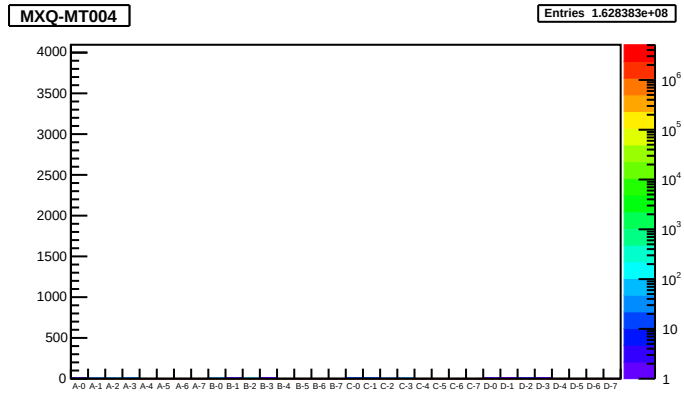

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.526609e+07
8736
11
11
5.07996e+06
5.08868e+06
5.08868e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 1.628383e+08
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 1.628383e+08
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 1.628383e+08
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 1.628383e+08
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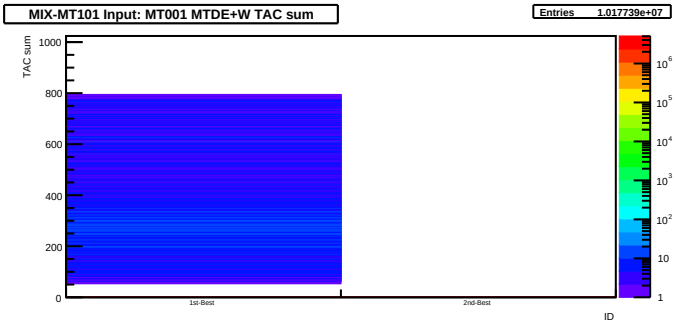
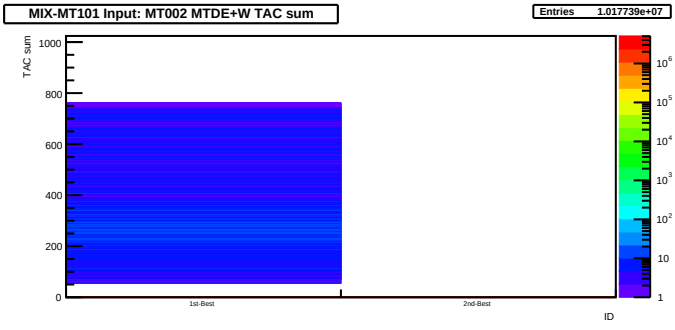
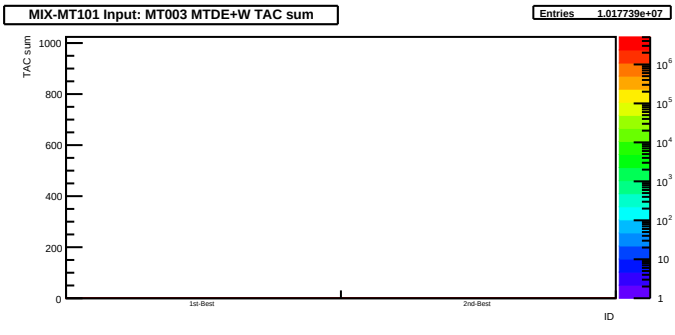
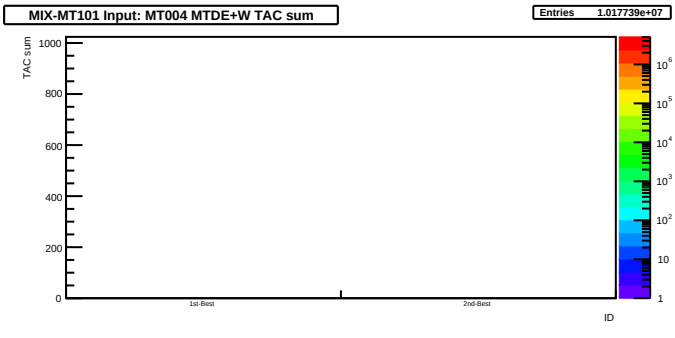
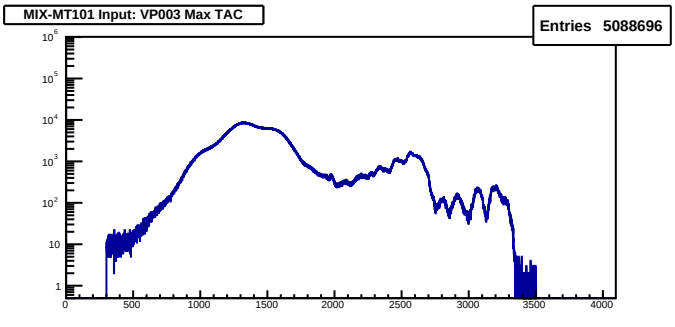
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

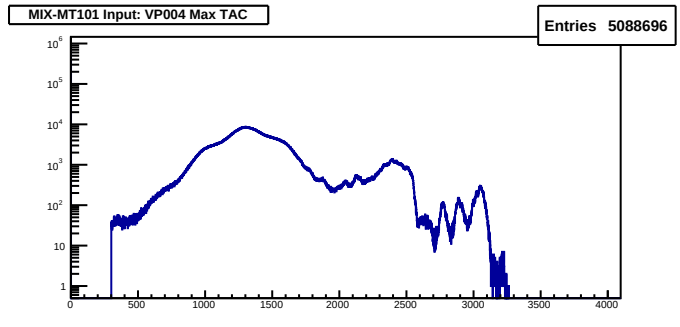

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.017739e+07
TAC sum
1st-Best
2nd-Best
ID

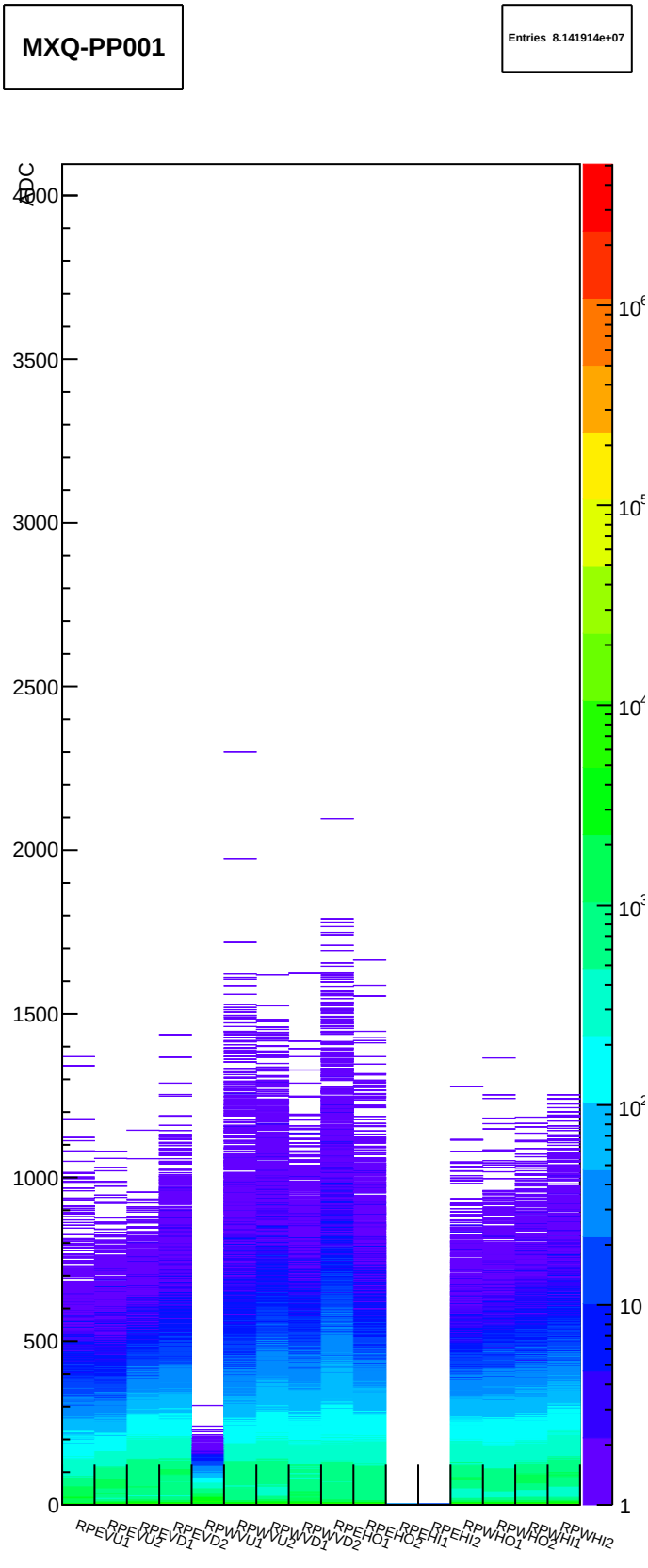

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.017739e+07
TAC sum
1st-Best
2nd-Best
ID

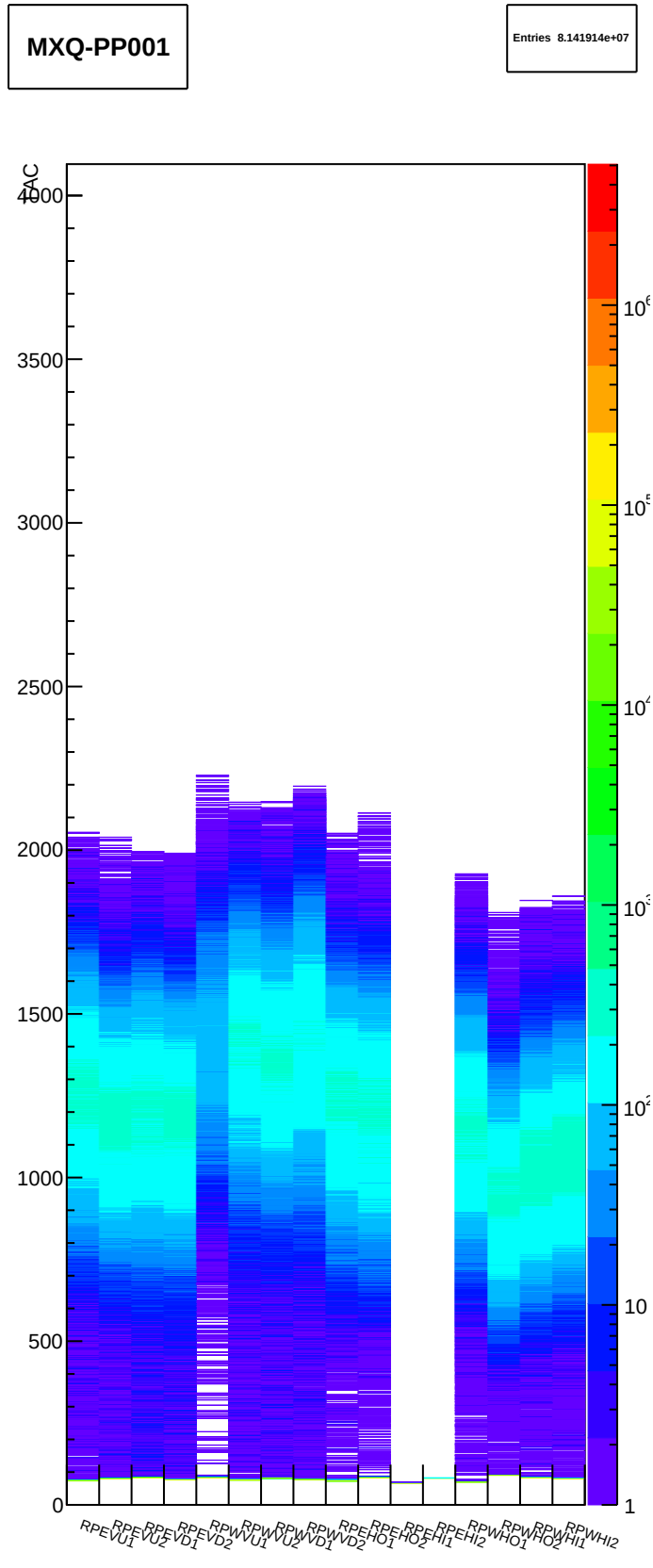

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.017739e+07
TAC sum
1st-Best
2nd-Best
ID

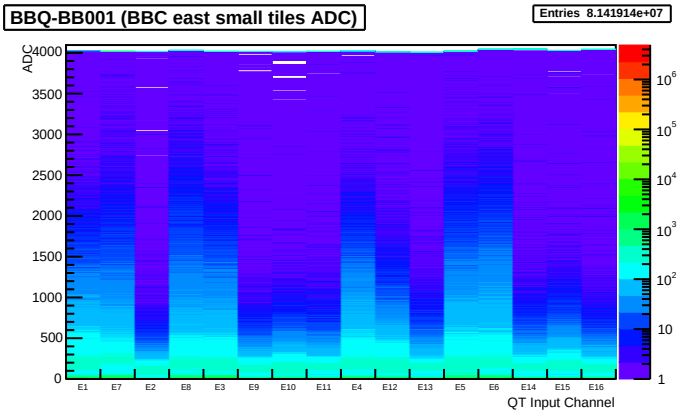

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.017739e+07
TAC sum
1st-Best
2nd-Best
ID

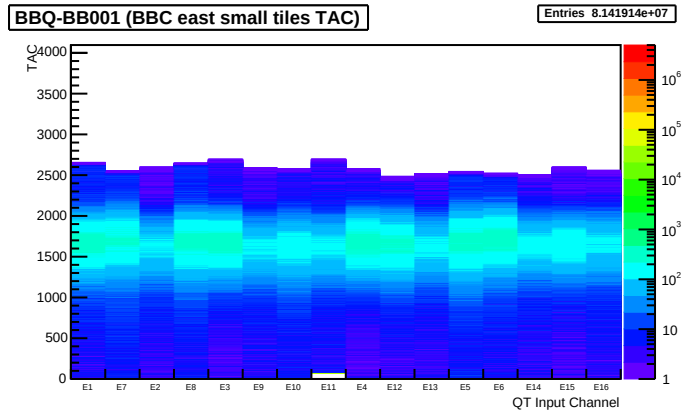

MIX-MT101 Input: VP003 Max TAC
Entries 5088696

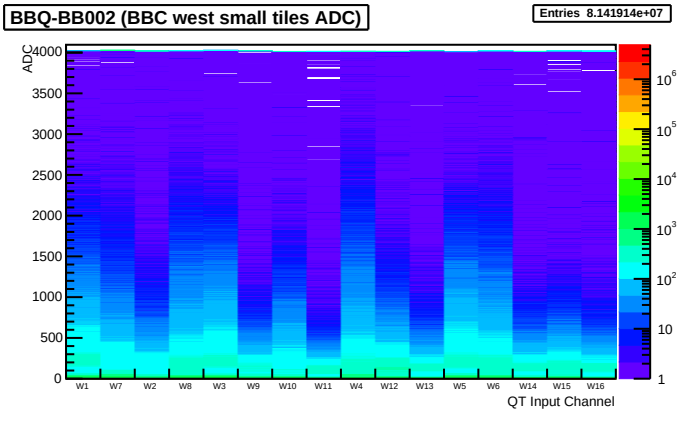

MIX-MT101 Input: VP004 Max TAC
Entries 5088696

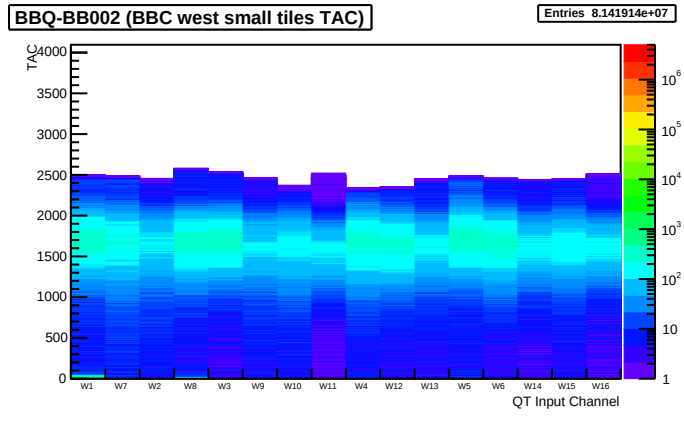

MXQ-PP001
Entries 8.141914e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

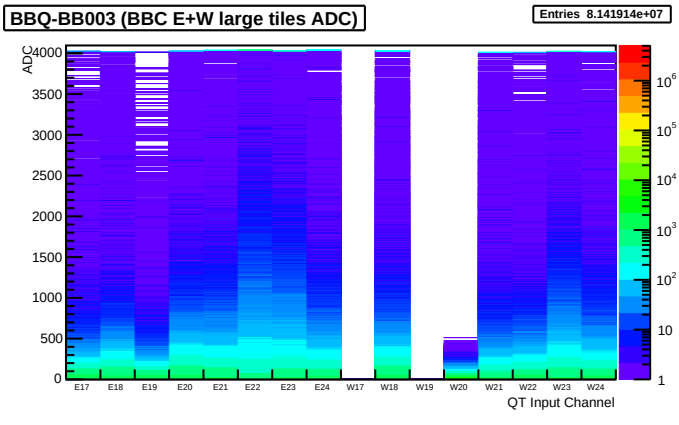

MXQ-PP001
Entries 8.141914e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

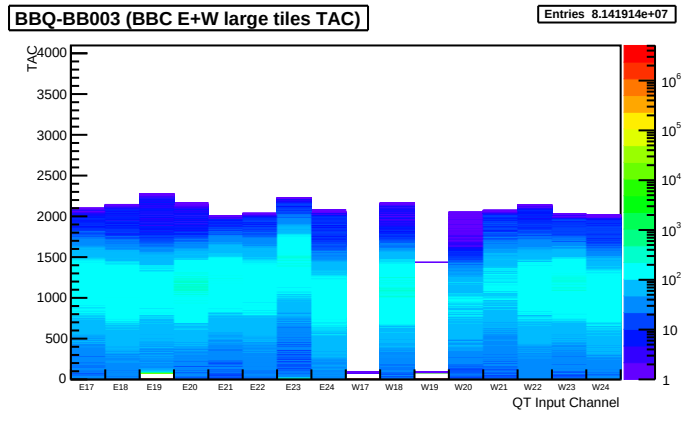

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.141914e+07
ADC
QT Input Channel

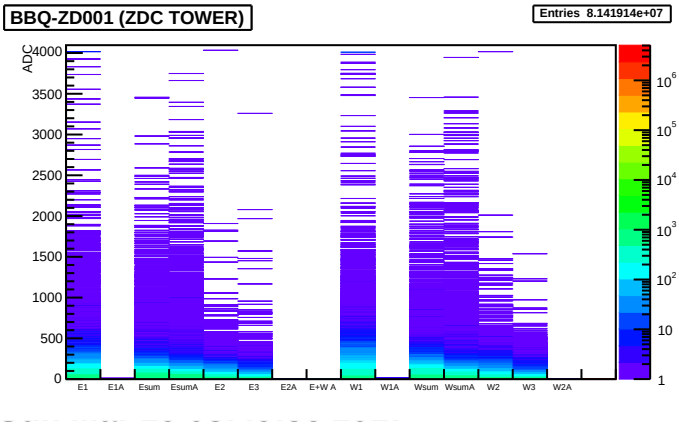

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.141914e+07
TAC
QT Input Channel

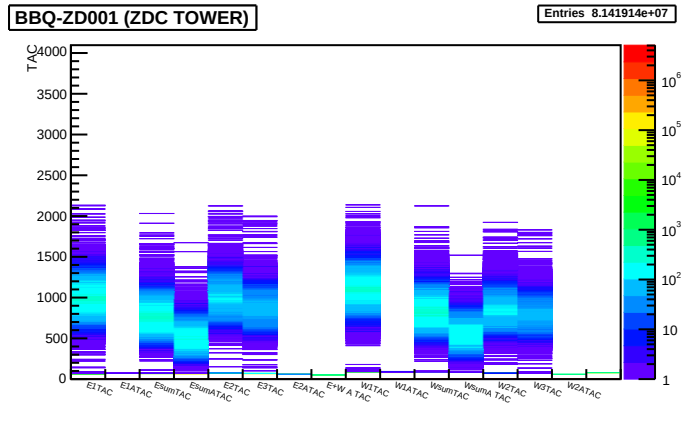

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.141914e+07
ADC
QT Input Channel

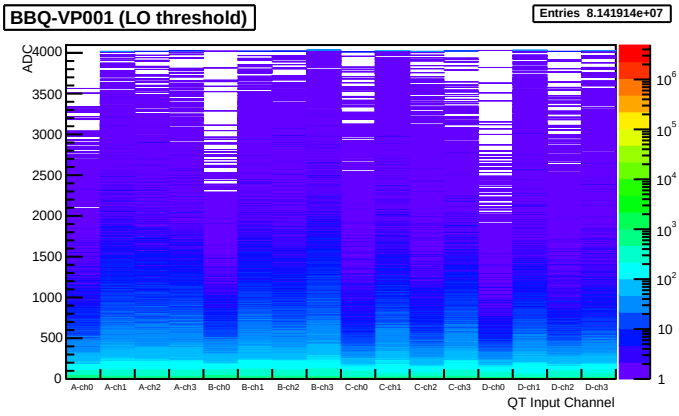

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.141914e+07
TAC
QT Input Channel

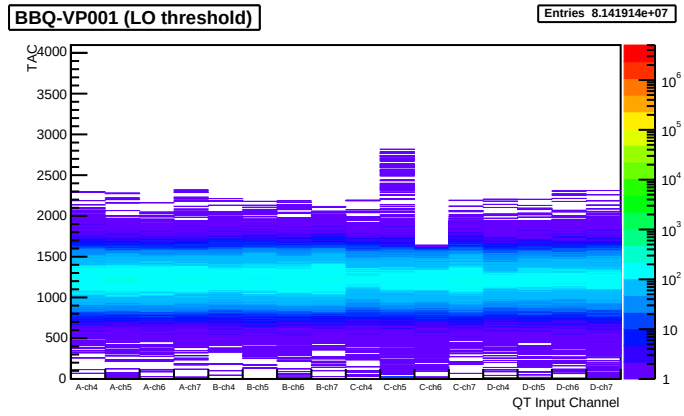

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.141914e+07
ADC
QT Input Channel

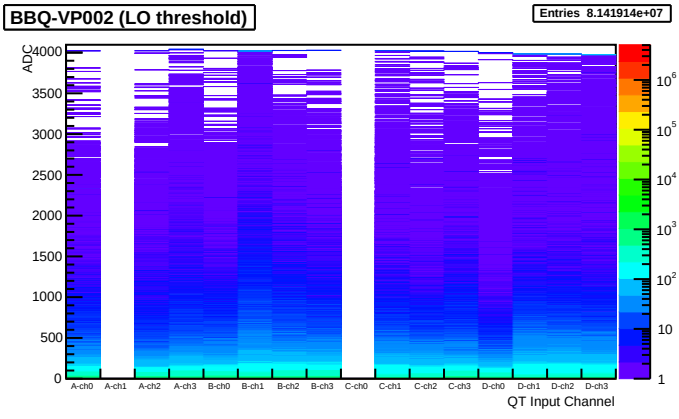

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.141914e+07
TAC
QT Input Channel

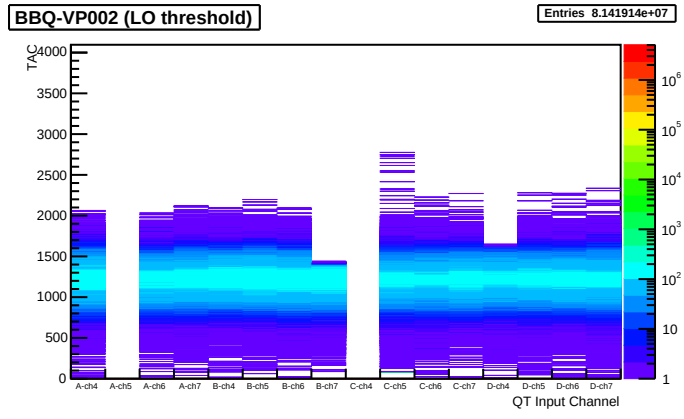

BBQ-ZD001 (ZDC TOWER)
Entries 8.141914e+07
ADC

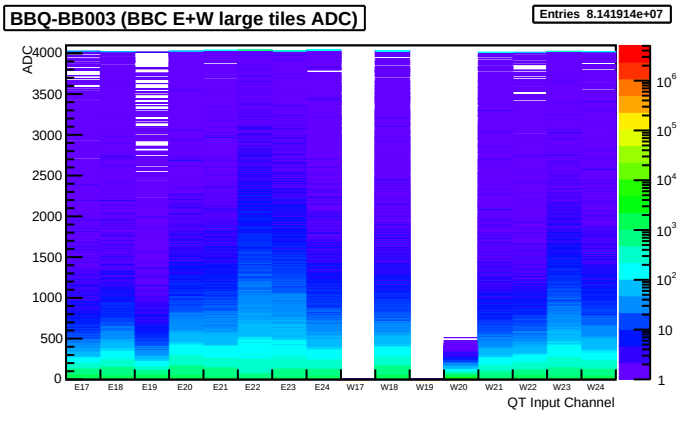

BBQ-ZD001 (ZDC TOWER)
Entries 8.141914e+07
TAC

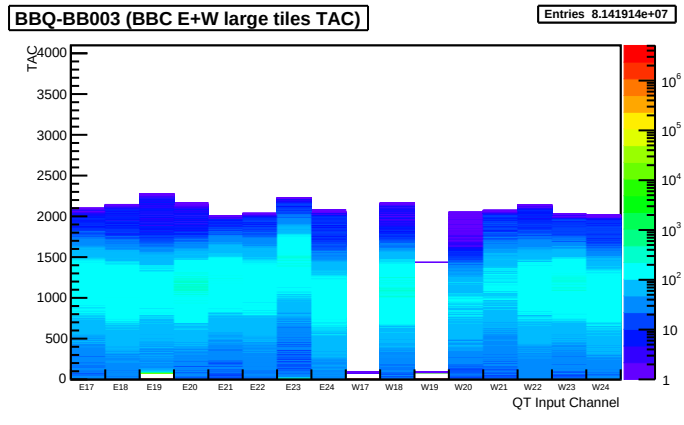

BBQ-VP001 (LO threshold)
Entries 8.141914e+07
ADC
QT Input Channel

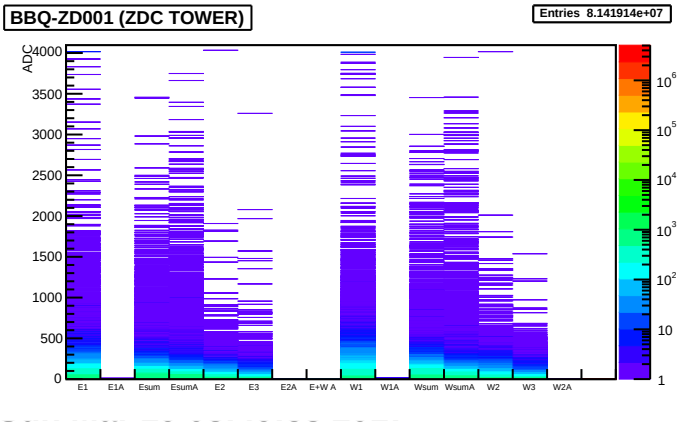

BBQ-VP001 (LO threshold)
Entries 8.141914e+07
TAC
QT Input Channel

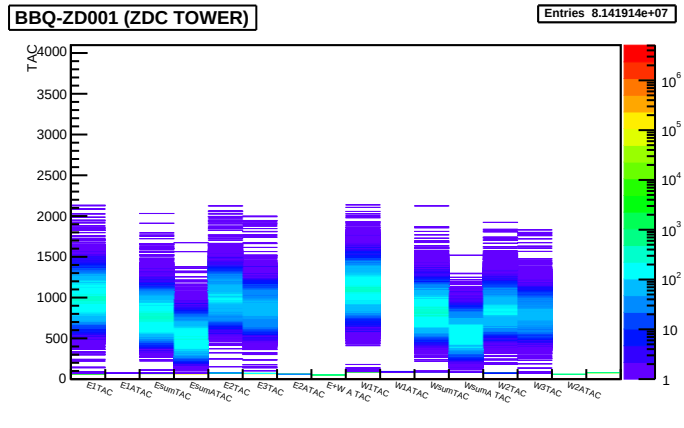

BBQ-VP002 (LO threshold)
Entries 8.141914e+07
ADC
QT Input Channel

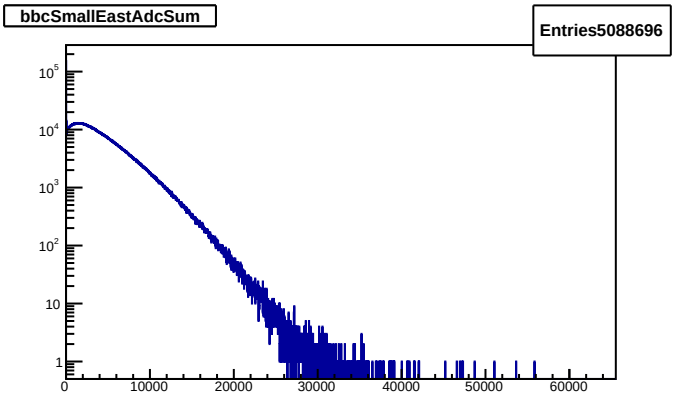

BBQ-VP002 (LO threshold)
Entries 8.141914e+07
TAC
QT Input Channel

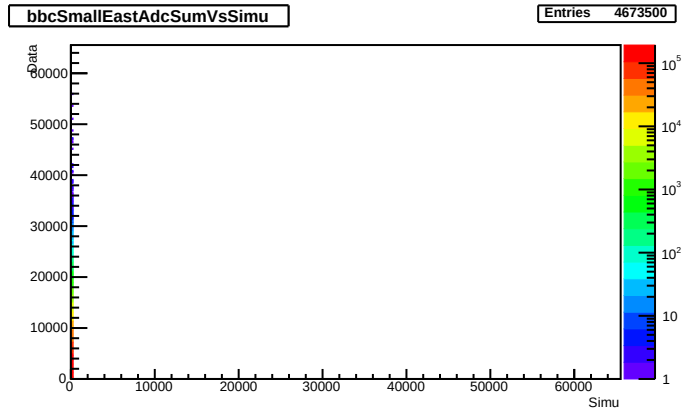

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.141914e+07
ADC
QT Input Channel

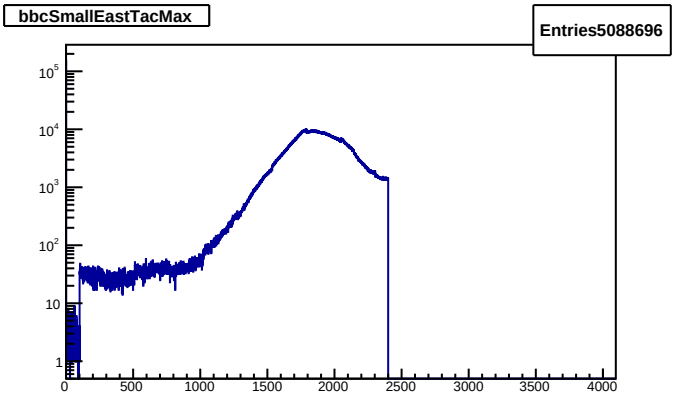

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.141914e+07
TAC
QT Input Channel

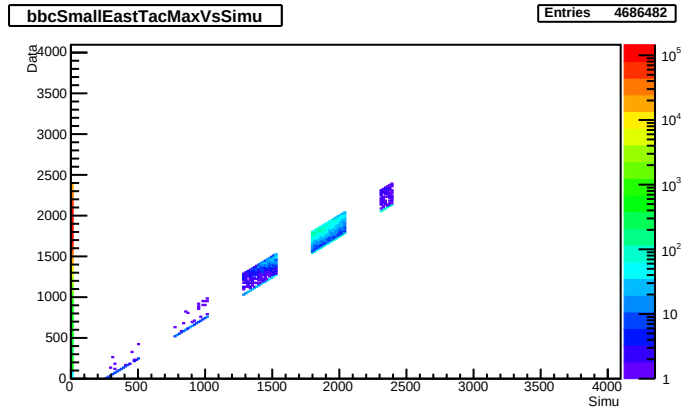

BBQ-ZD001 (ZDC TOWER)
Entries 8.141914e+07
ADC

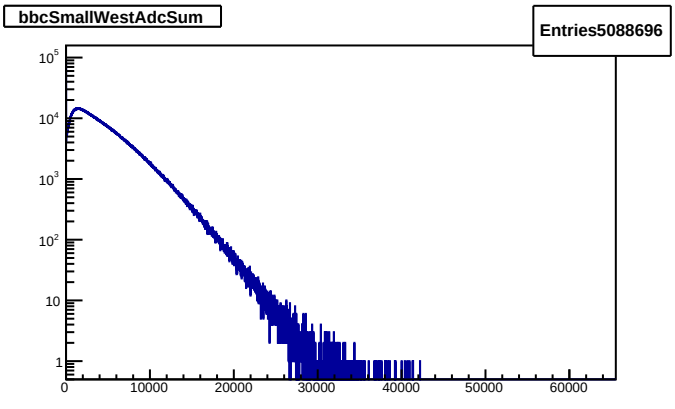

BBQ-ZD001 (ZDC TOWER)
Entries 8.141914e+07
TAC

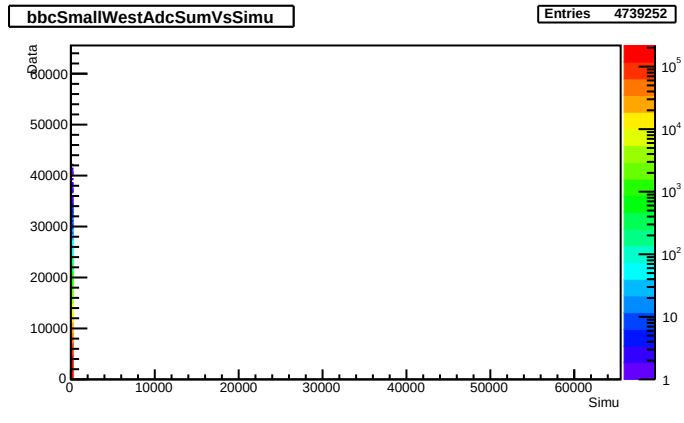

bbcSmallEastAdcSum
Entries5088696

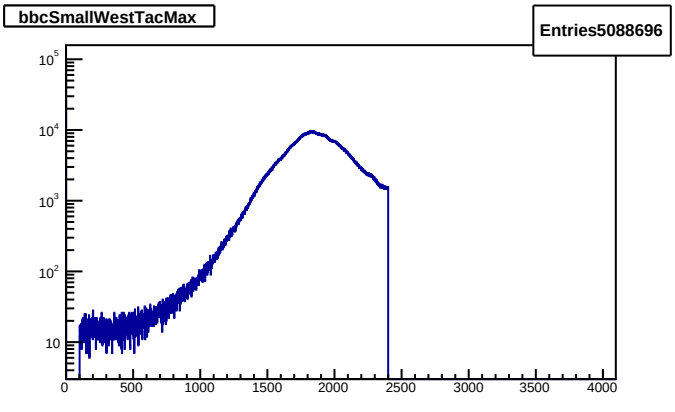

bbcSmallEastAdcSumVsSimu
Entries 4673500
Data
Simu

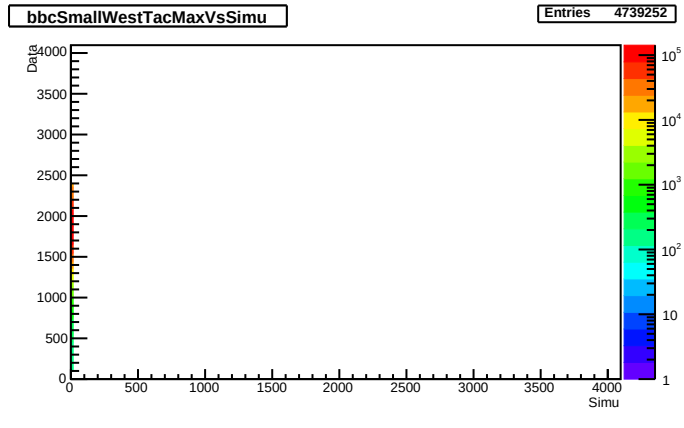

bbcSmallEastTacMax
Entries5088696

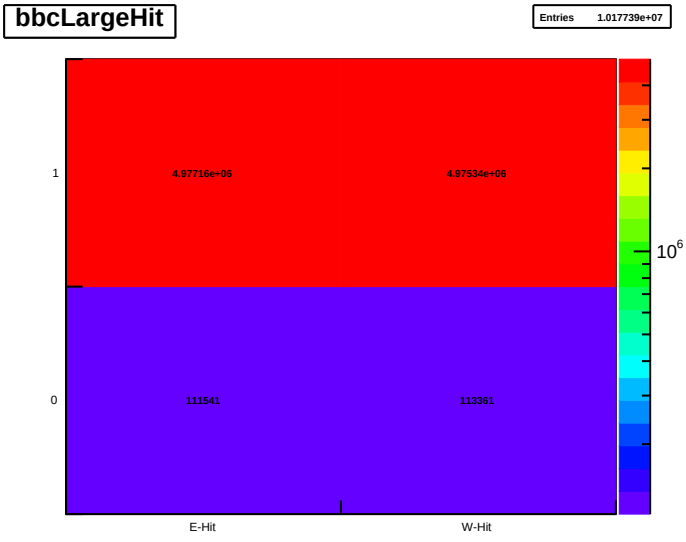

bbcSmallEastTacMaxVsSimu
Entries 4686482
Data
Simu

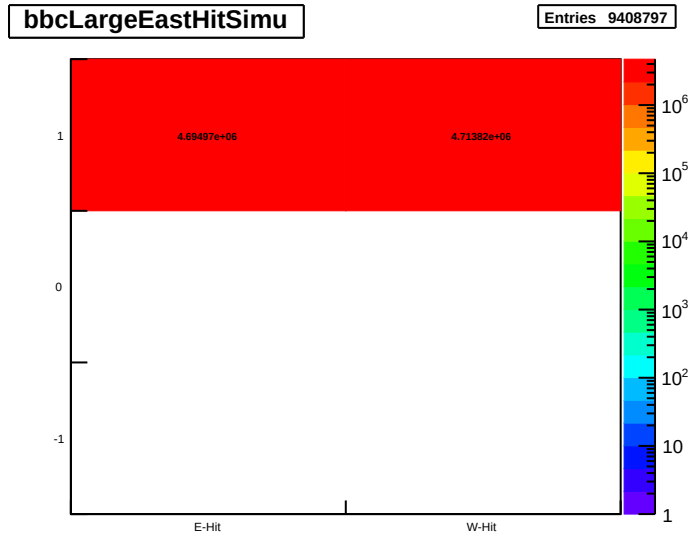

bbcSmallWestAdcSum
Entries5088696

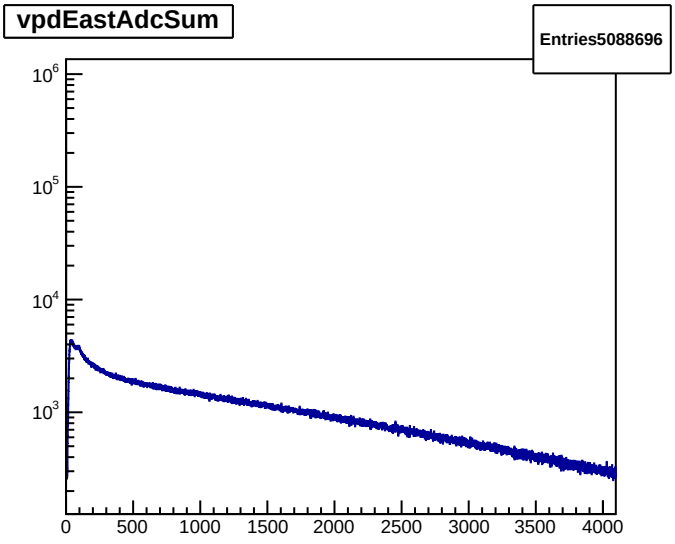

bbcSmallWestAdcSumVsSimu
Entries 4739252
Data
Simu

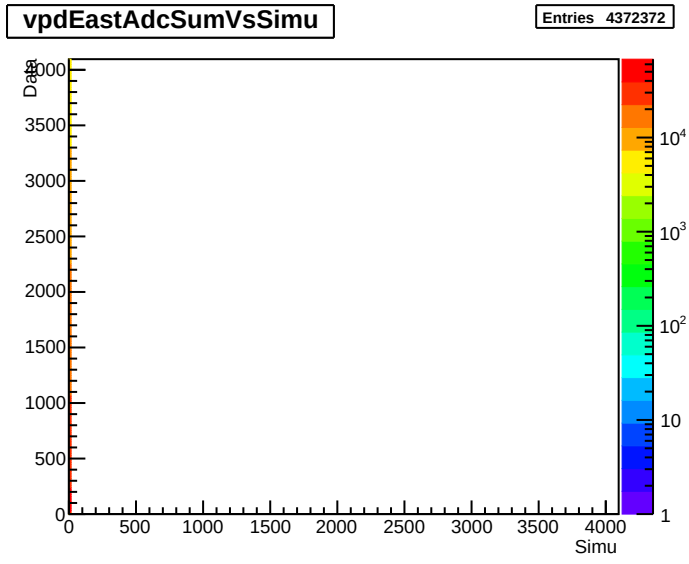

bbcSmallWestTacMax
Entries5088696

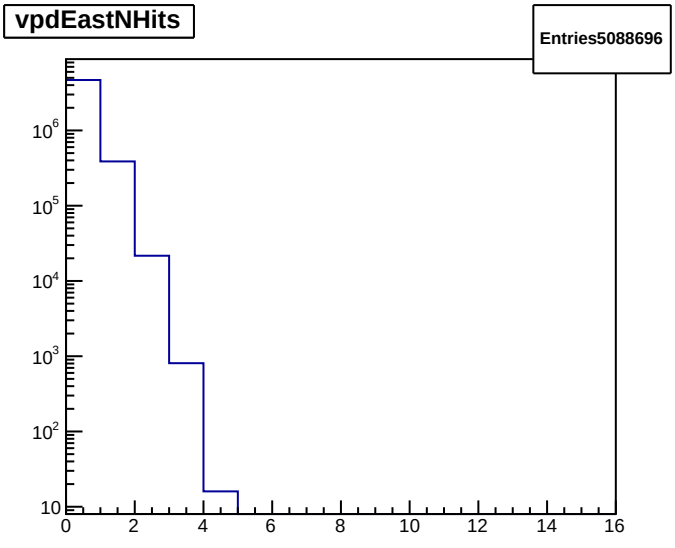

bbcSmallWestTacMaxVsSimu
Entries 4739252
Data
Simu

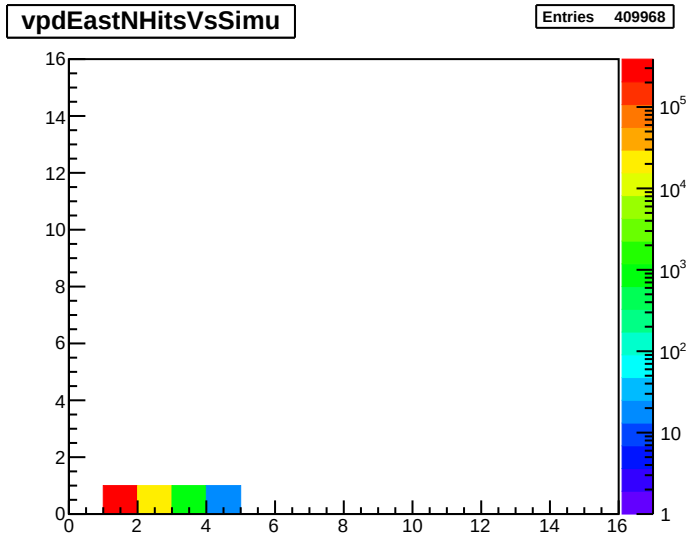

bbcLargeHit
Entries 1.017739e+07
1
0
4.97716e+06
4.97534e+06
111541
113361
E-Hit
W-Hit
10^6

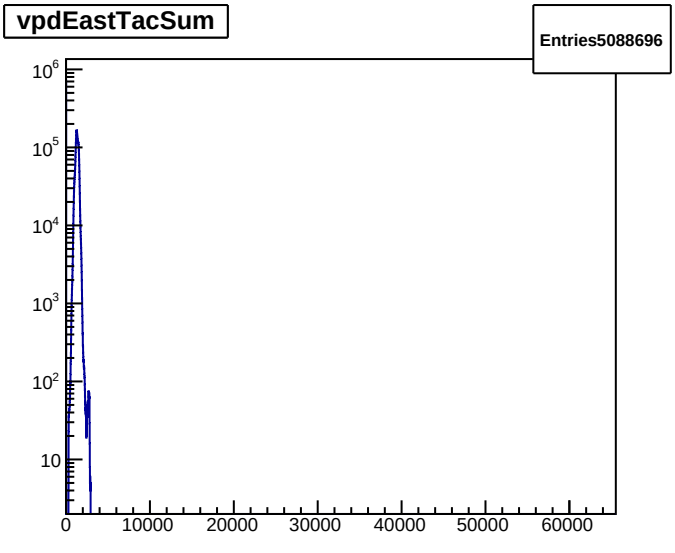

bbcLargeEastHitSimu
Entries 9408797
1
0
-1
4.69497e+06
4.71382e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

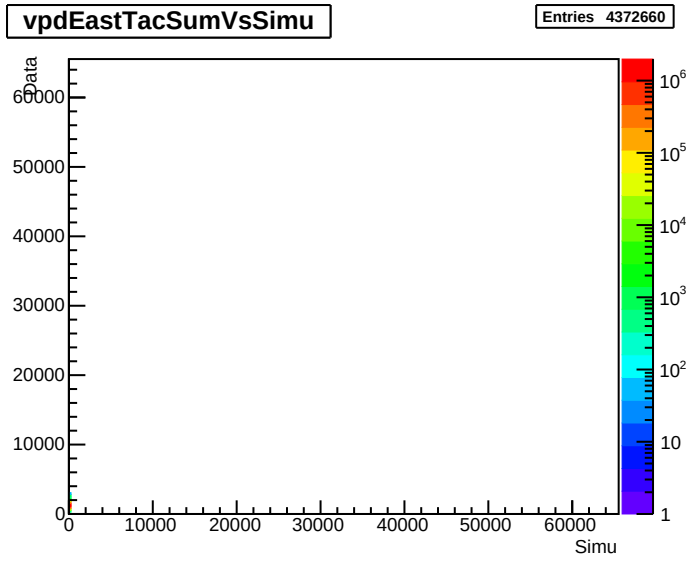

vpdEastAdcSum
Entries5088696

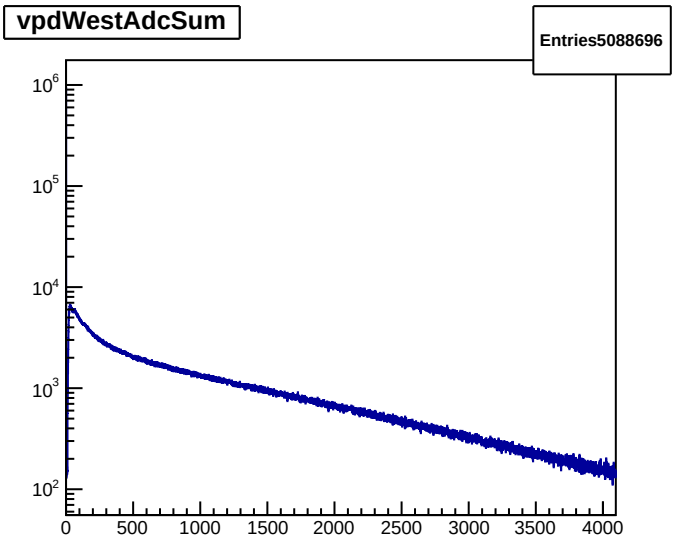

vpdEastAdcSumVsSimu
Entries 4372372
Data
Simu

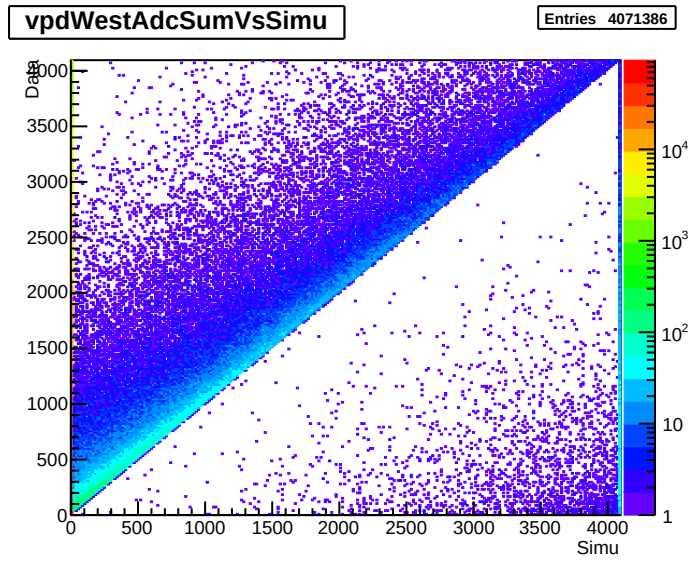

vpdEastNHits
Entries5088696

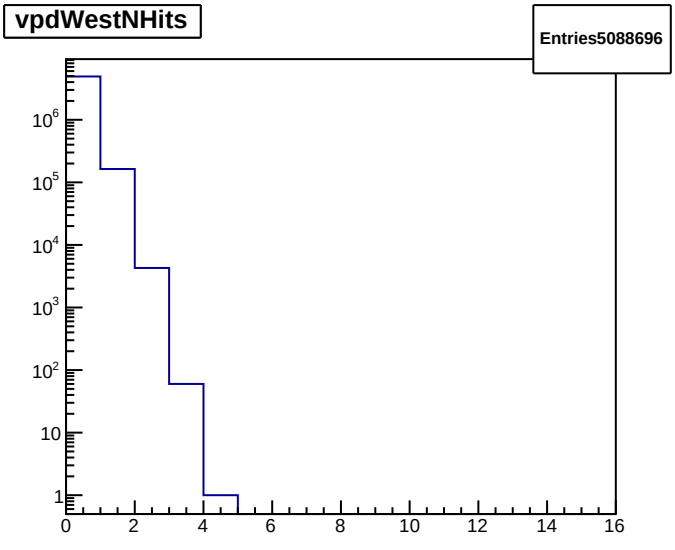

vpdEastNHitsVsSimu
Entries 409968

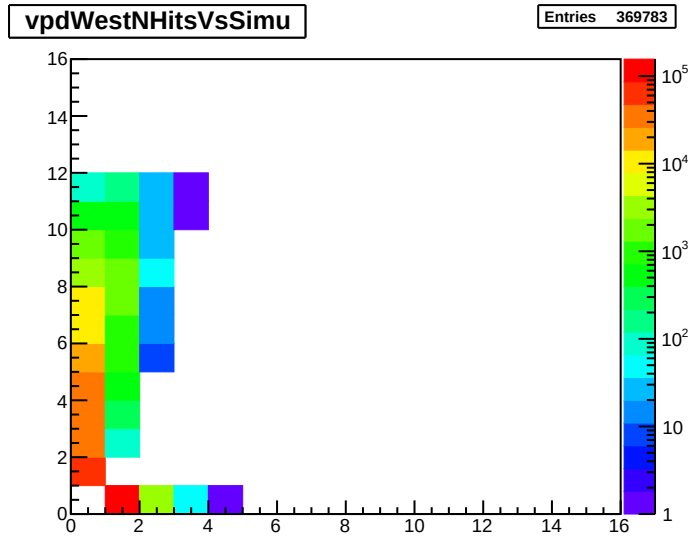

vpdEastTacSum
Entries5088696

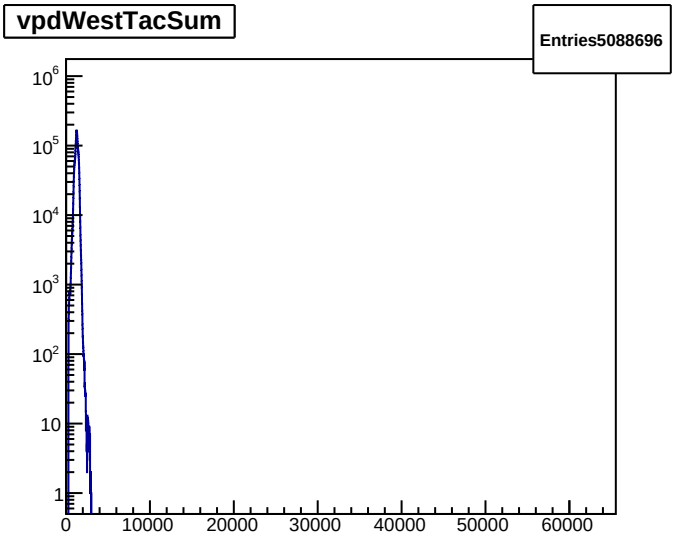

vpdEastTacSumVsSimu
Entries 4372660
Data
Simu

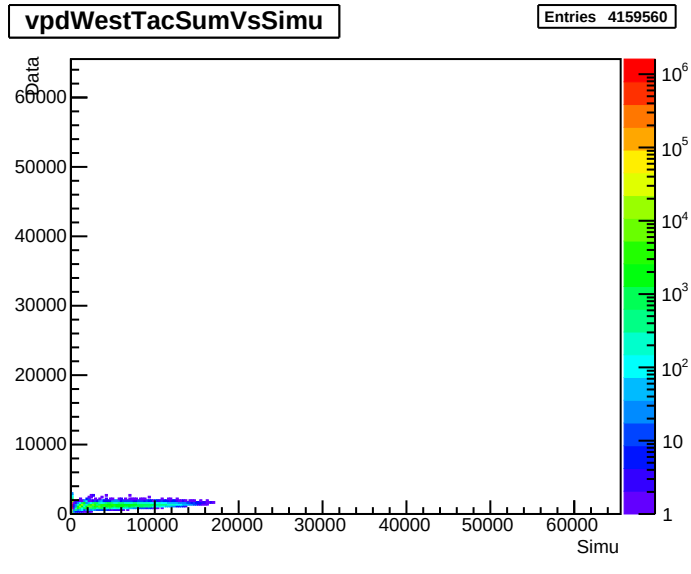

vpdWestAdcSum
Entries5088696

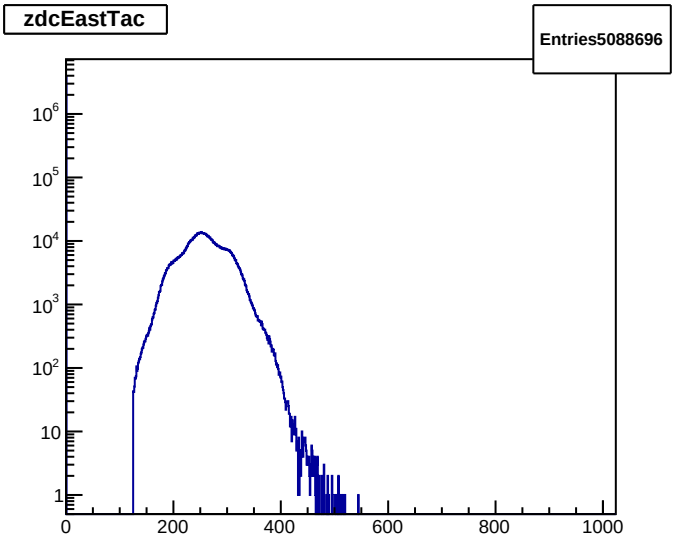

vpdWestAdcSumVsSimu
Entries 4071386
Data
Simu

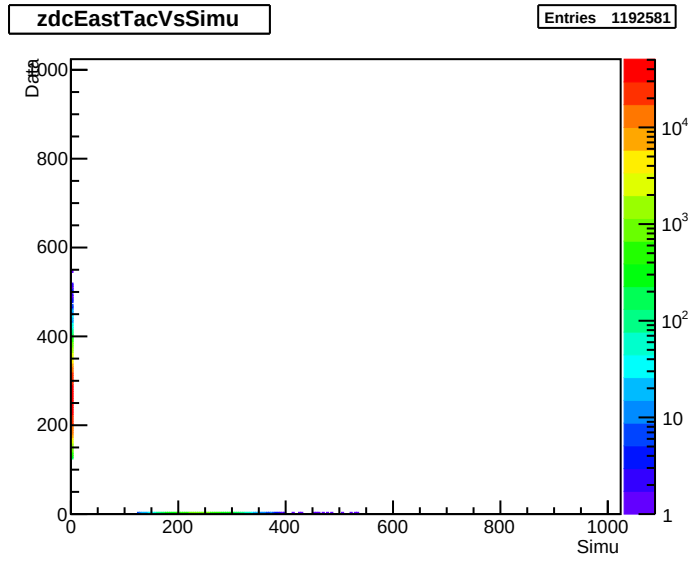

vpdWestNHits
Entries5088696

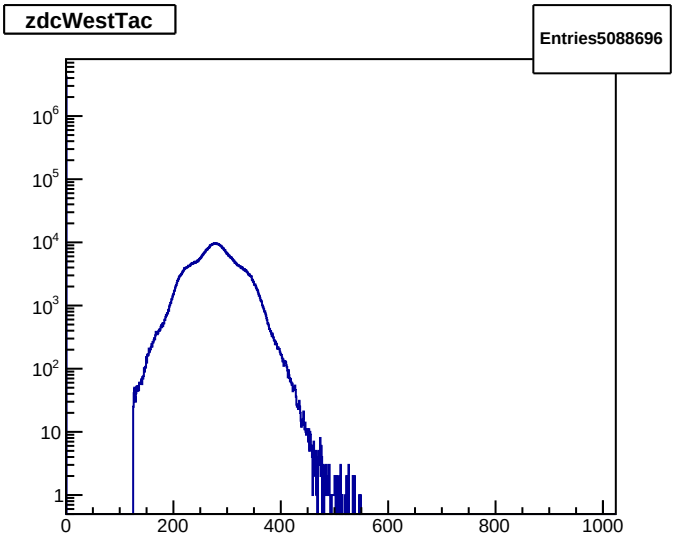

vpdWestNHitsVsSimu
Entries 369783

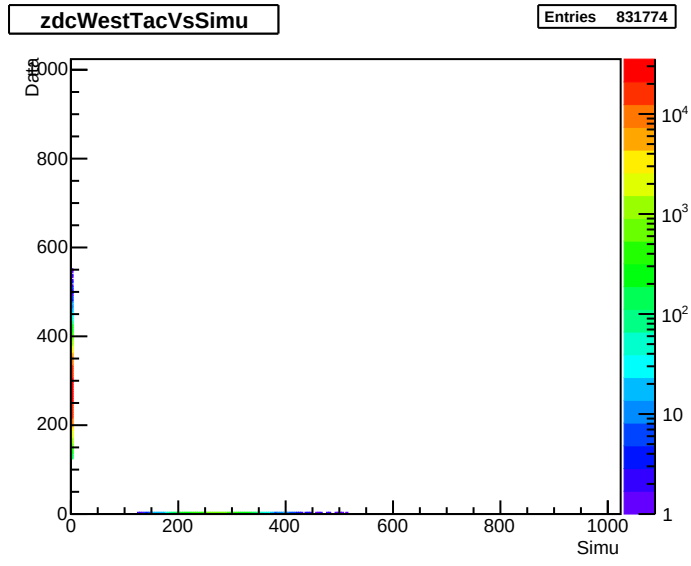

vpdWestTacSum
Entries5088696

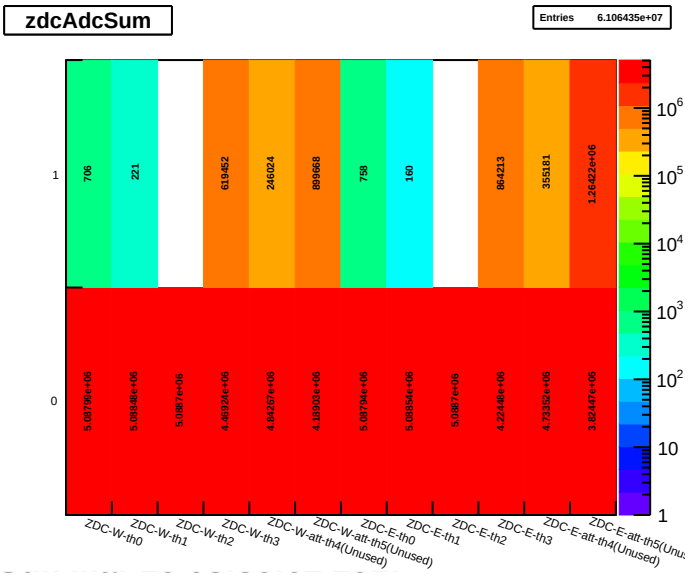

vpdWestTacSumVsSimu
Entries 4159560
Data
Simu

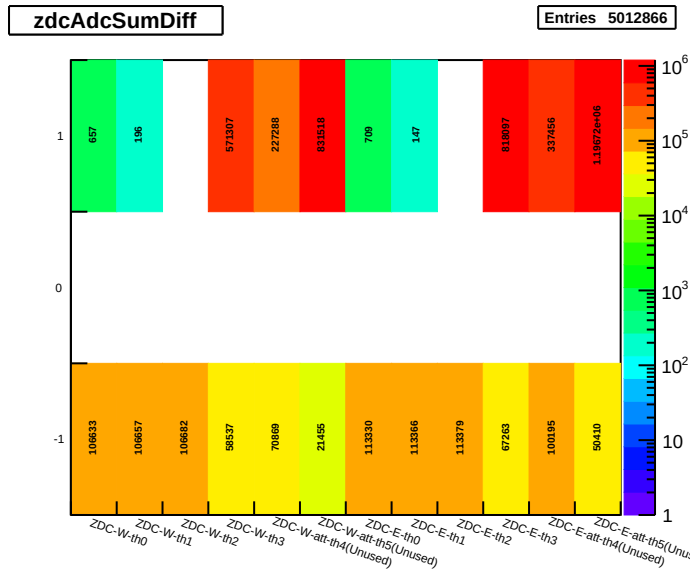

zdcEastTac
Entries5088696

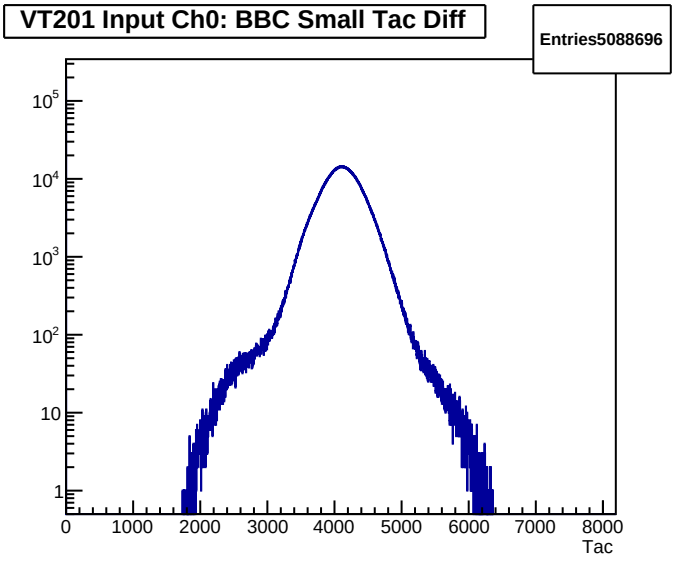

zdcEastTacVsSimu
Entries 1192581
Data
Simu

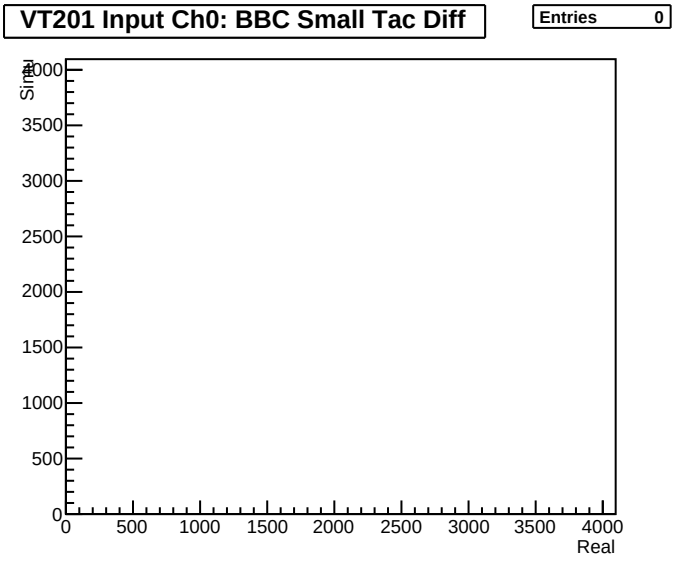

zdcWestTac
Entries5088696

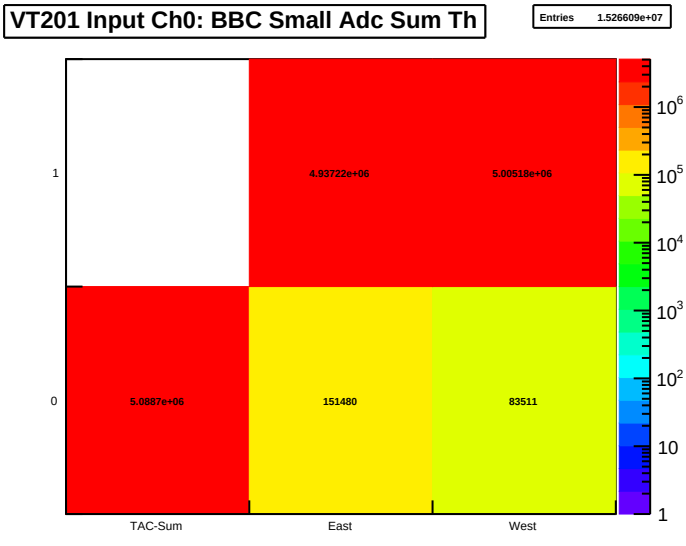

zdcWestTacVsSimu
Entries 831774
Data
Simu

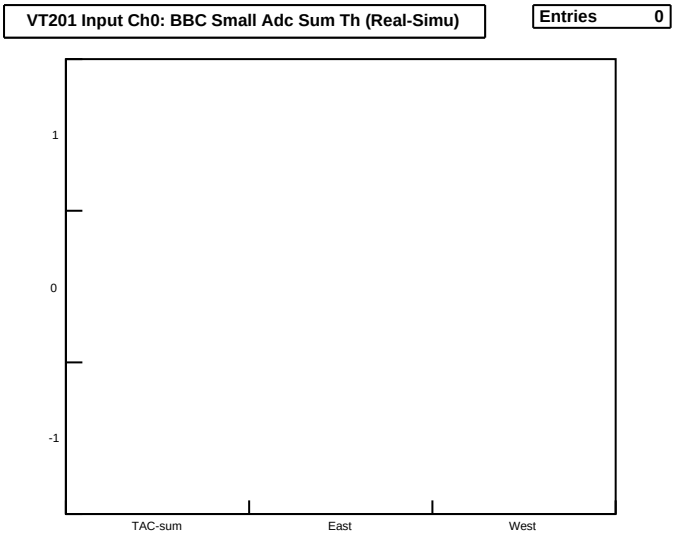

zdcAdcSum
Entries 6.106435e+07
706
221
619452
246024
899668
758
160
864213
355181
1.26422e+06
5.08798e+06
5.08348e+05
5.03837e+06
4.46924e+06
4.84267e+06
4.18903e+06
5.06794e+06
5.08854e+06
5.03837e+06
4.22448e+06
4.73352e+06
3.82447e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

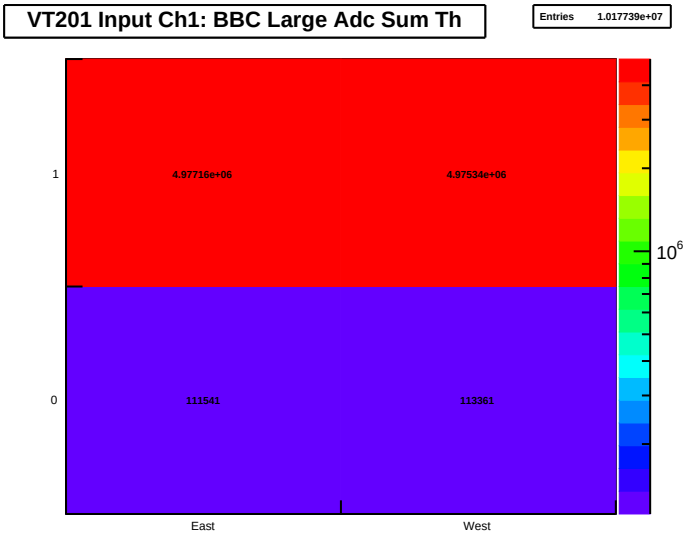

zdcAdcSumDiff
Entries 5012866
657
196
571307
227288
831518
709
147
818097
337456
1.19672e+06
106633
106657
106682
58537
70869
21455
113330
113366
113379
67263
100195
50410
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

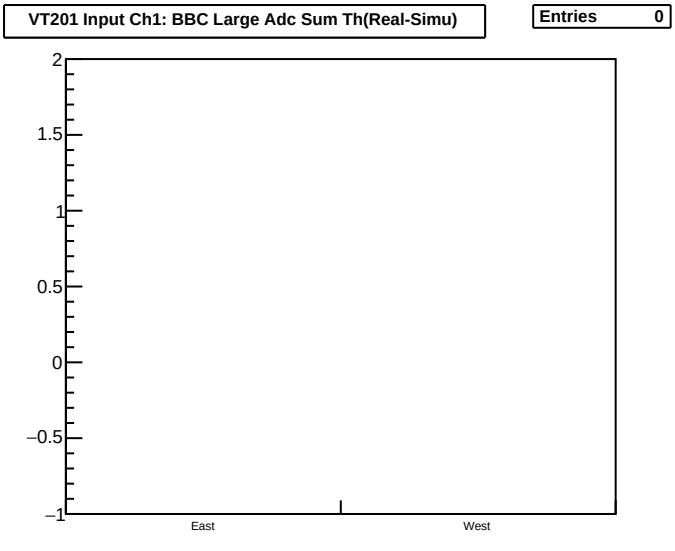

VT201 Input Ch0: BBC Small Tac Diff
Entries5088696
Tac


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

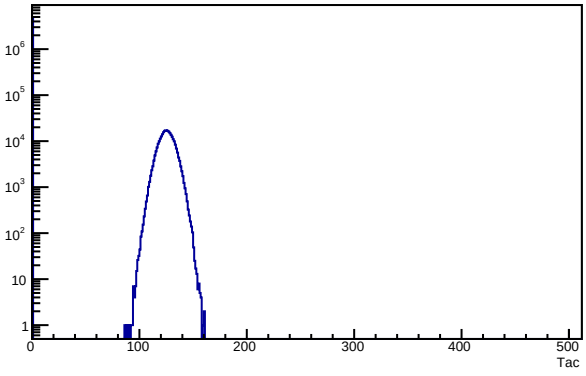

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.526609e+07
4.93722e+06
5.00518e+06
5.0887e+06
151480
83511
TAC-Sum
East
West


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

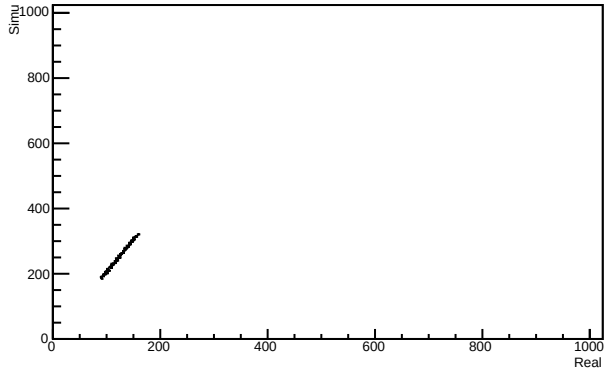

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.017739e+07
4.97716e+06
4.97534e+06
111541
113361
East
West


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

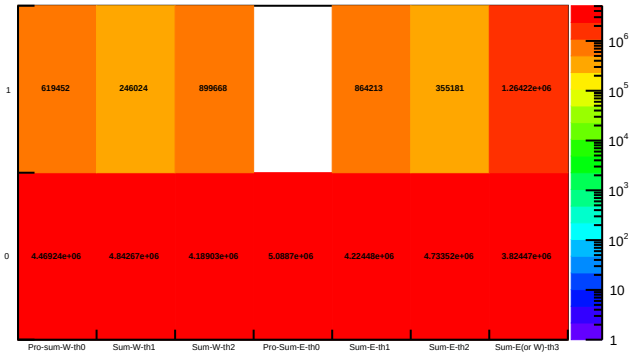
VT201 Input Ch2: ZDC Tac Diff



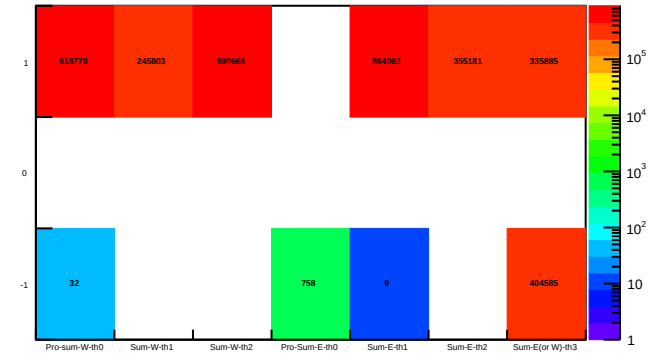
VT201 Input Ch2: ZDC Tac Diff



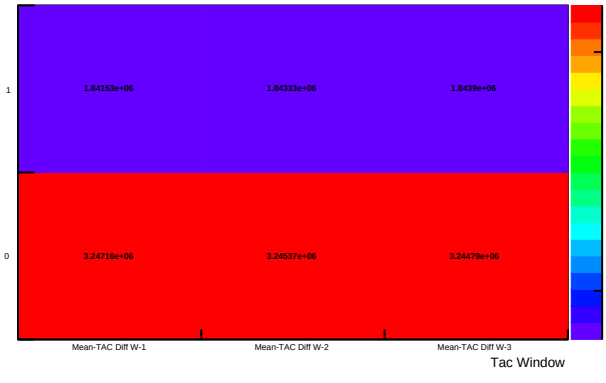
VT201 Input Ch2: ZDC Adc Sum Th



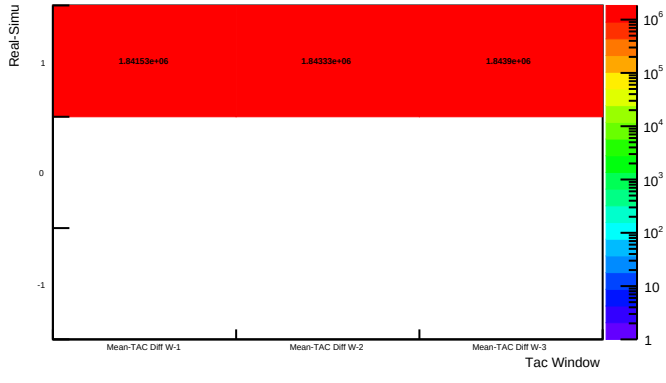
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



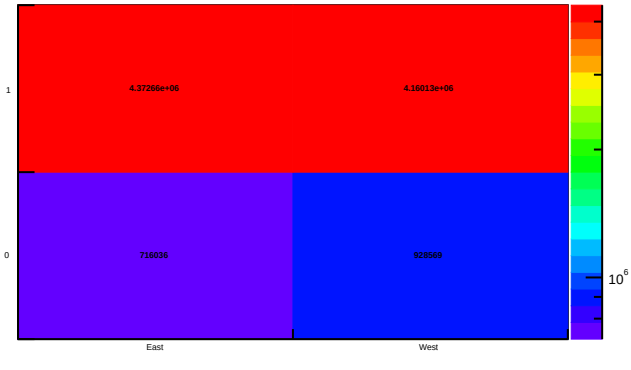
VT201 Input Ch4: VPD Tac Diff



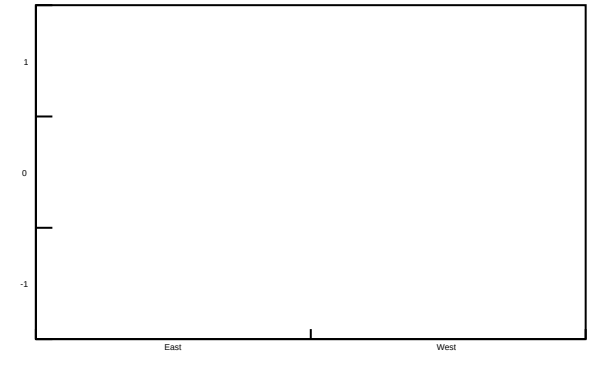
VT201 Input Ch4: VPD Tac Diff

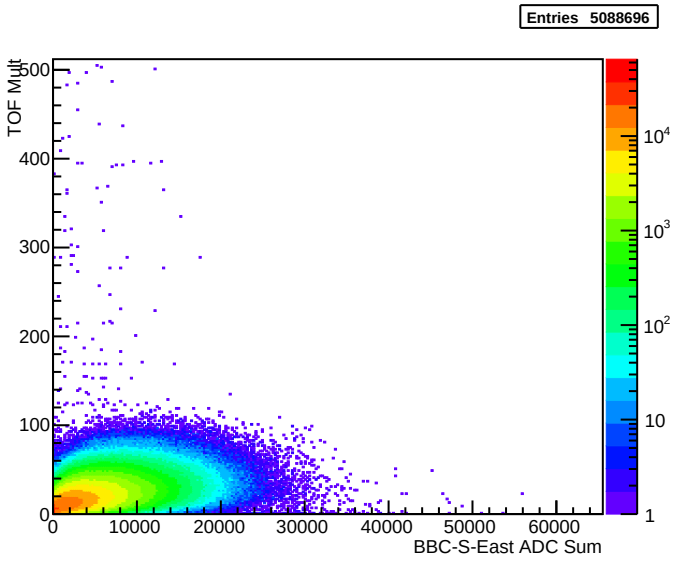


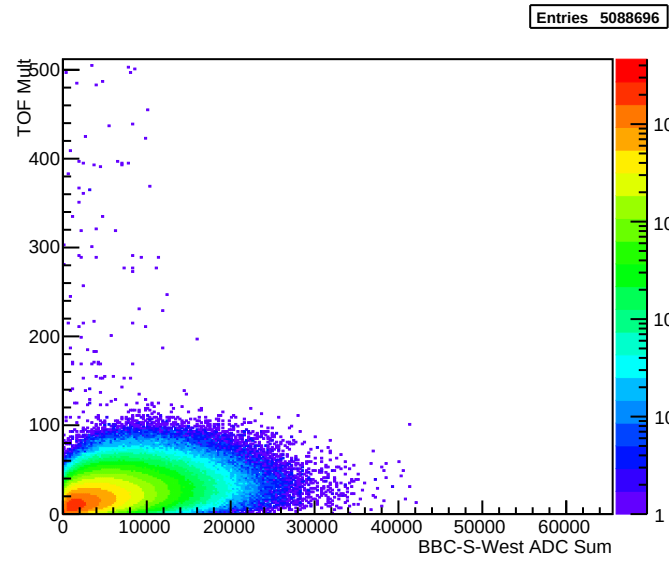
VT201 Input Ch4: VPD Adc Sum Th

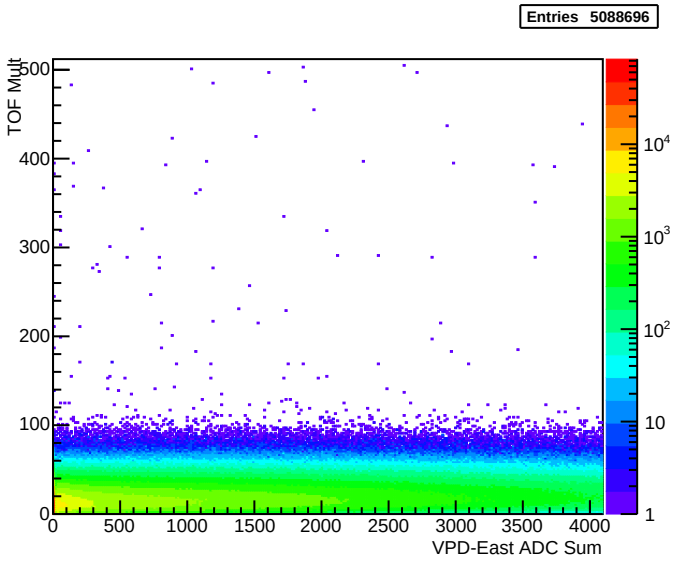


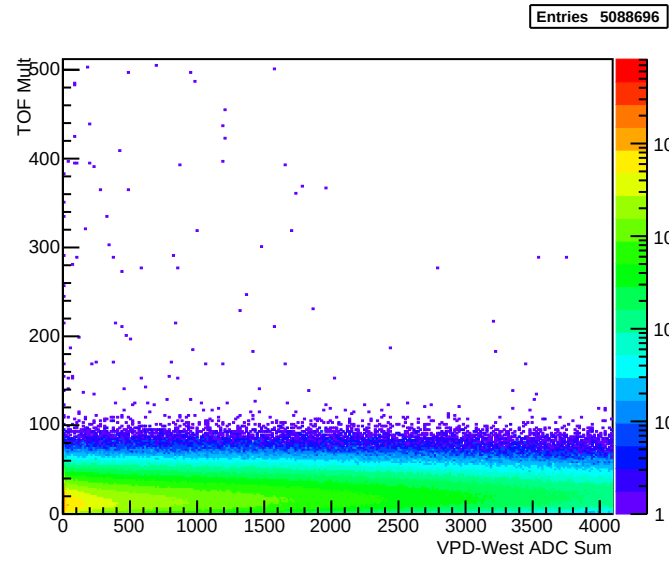
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

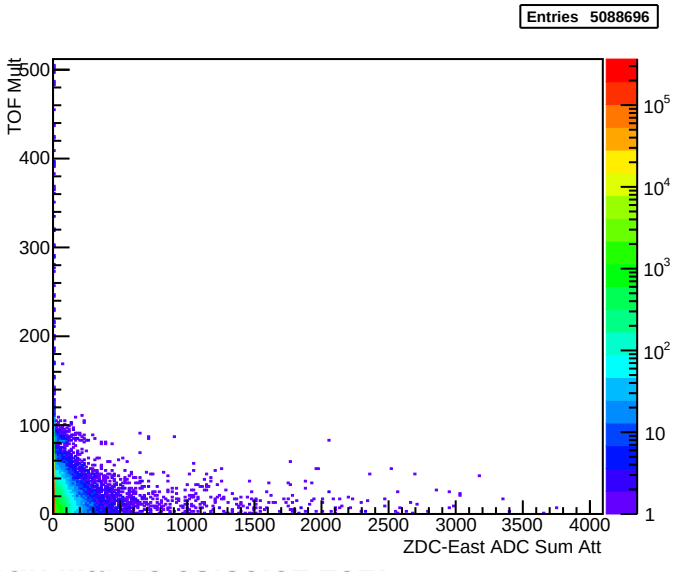


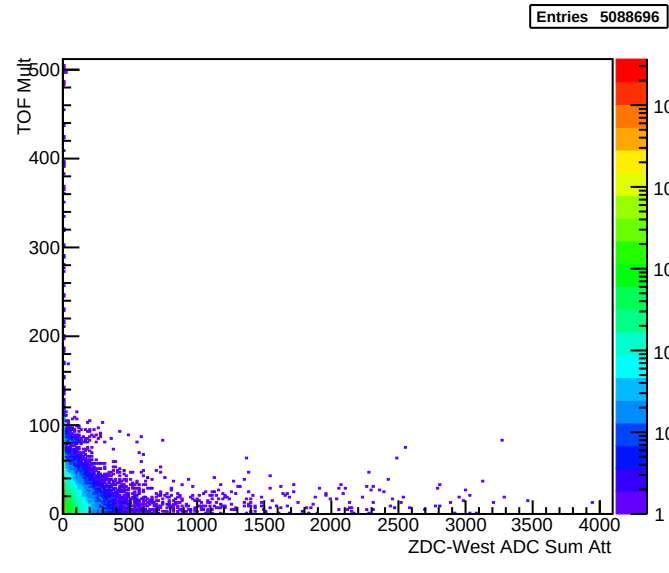

Entries 5088696
TOF Mult
BBC-S-East ADC Sum

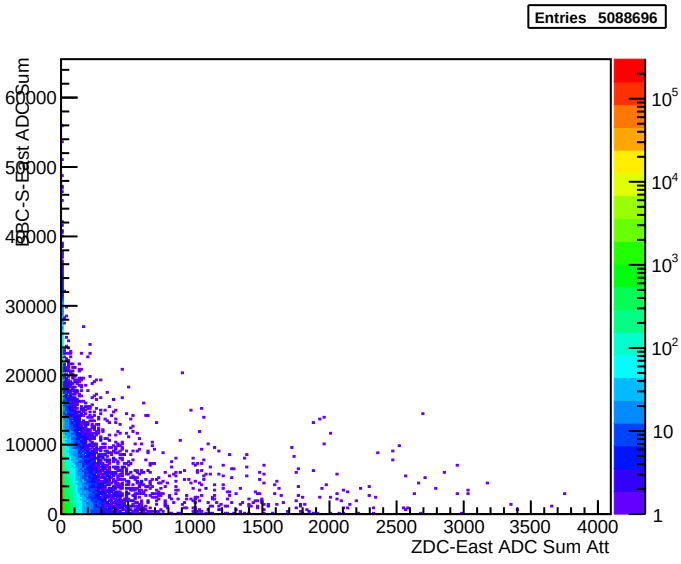

Entries 5088696
TOF Mult
BBC-S-West ADC Sum

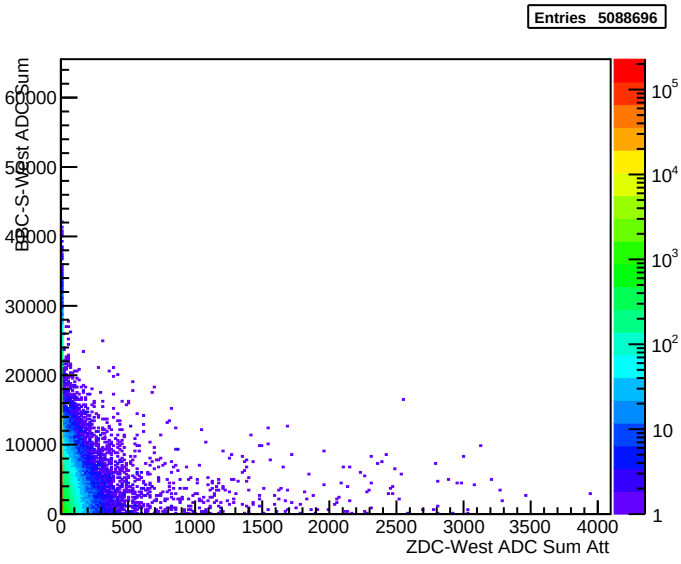

Entries 5088696
TOF Mult
VPD-East ADC Sum

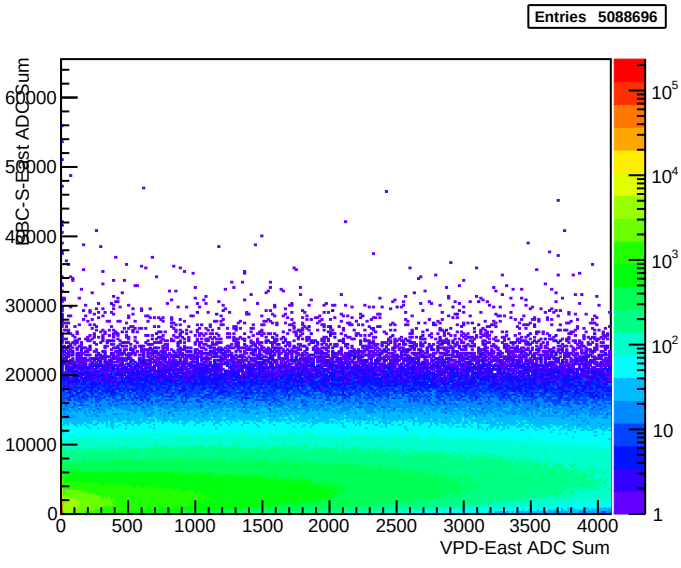

Entries 5088696
TOF Mult
VPD-West ADC Sum

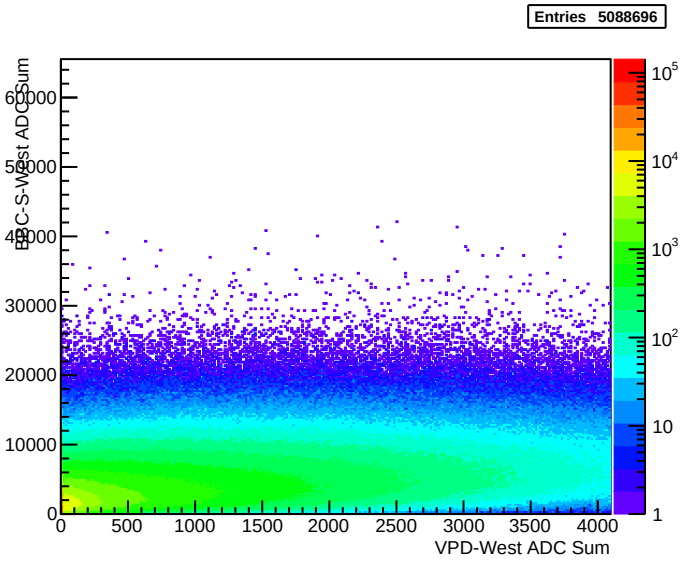

Entries 5088696
TOF Mult
ZDC-East ADC Sum Att

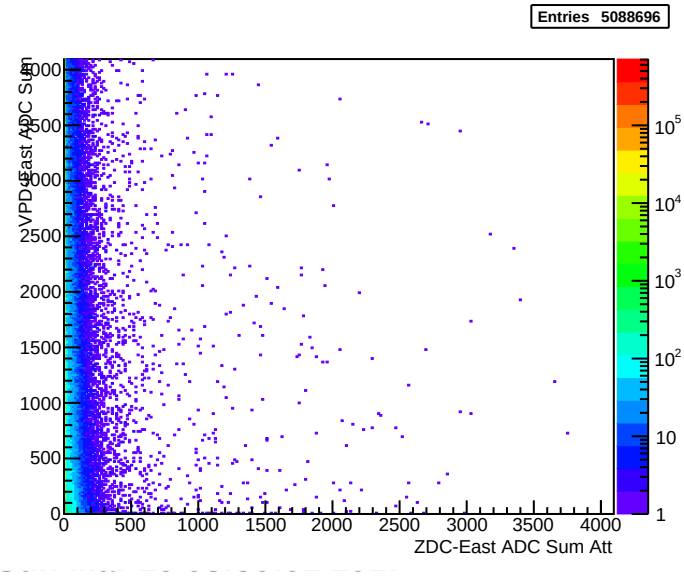

Entries 5088696
TOF Mult
ZDC-West ADC Sum Att

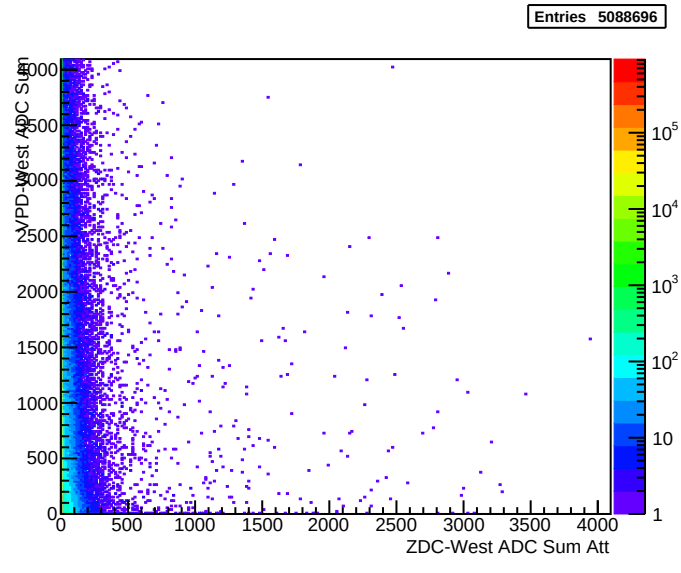

Entries 5088696
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

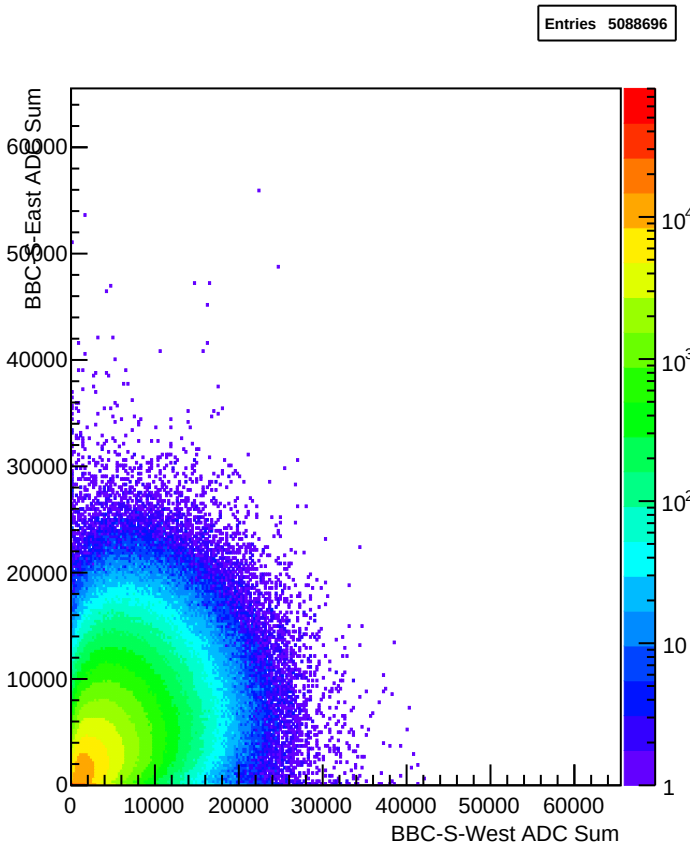

Entries 5088696
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

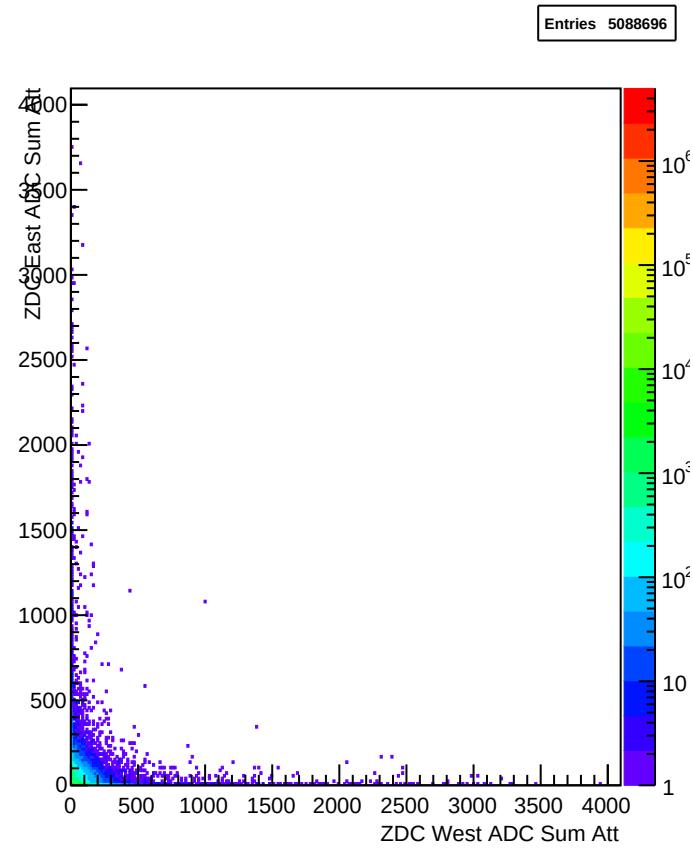

Entries 5088696
BBC-S-East ADC Sum
VPD-East ADC Sum

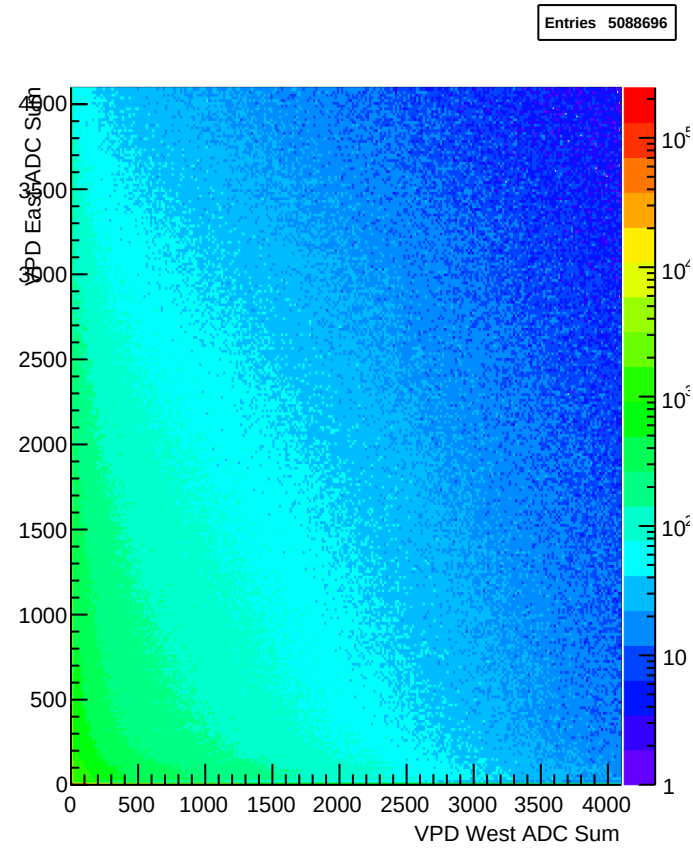

Entries 5088696
BBC-S-West ADC Sum
VPD-West ADC Sum

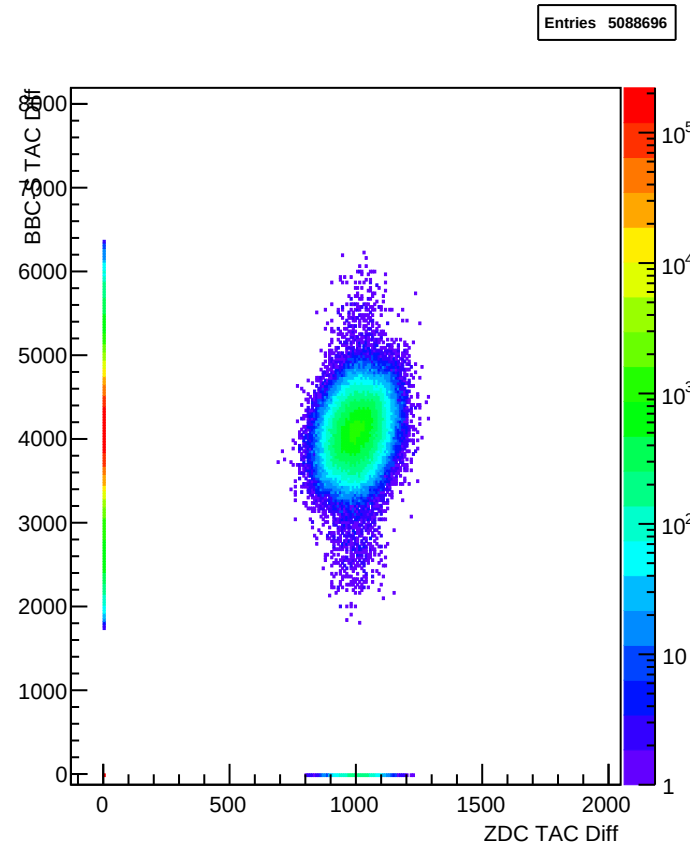

Entries 5088696
VPD-East ADC Sum
ZDC-East ADC Sum Att

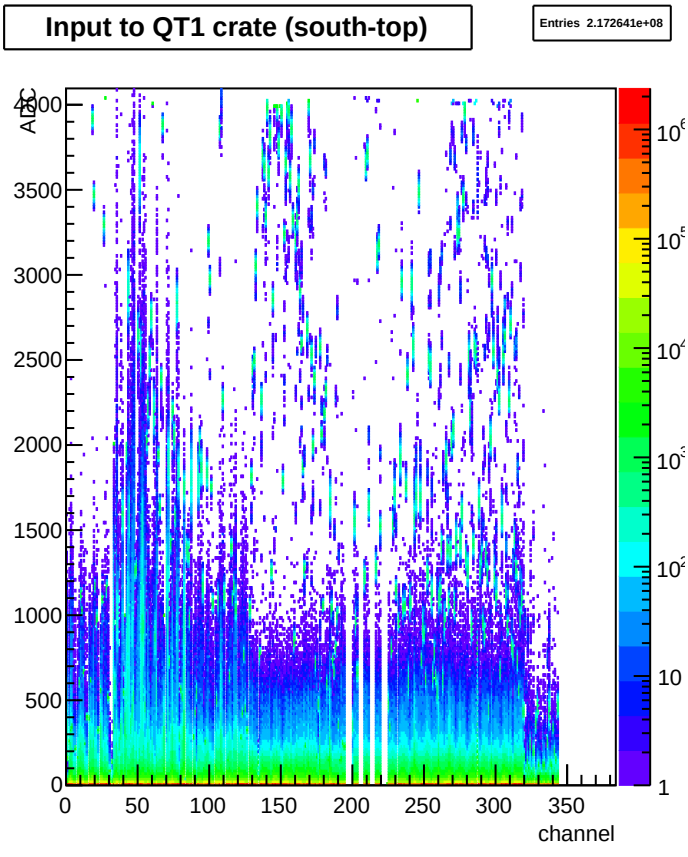

Entries 5088696
VPD-West ADC Sum
ZDC-West ADC Sum Att

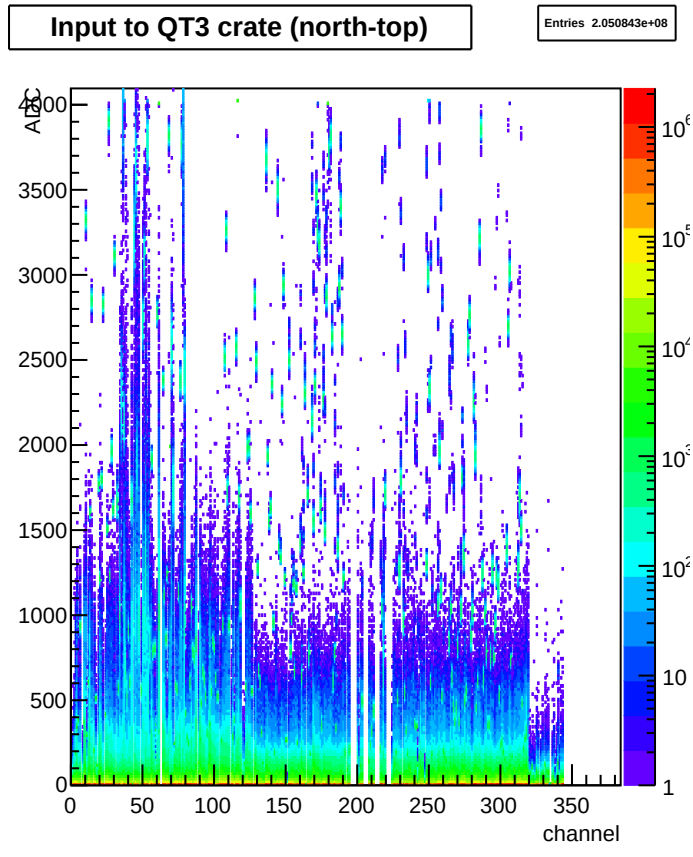

Entries 5088696
BBC-S-East ADC Sum
BBC-S-West ADC Sum

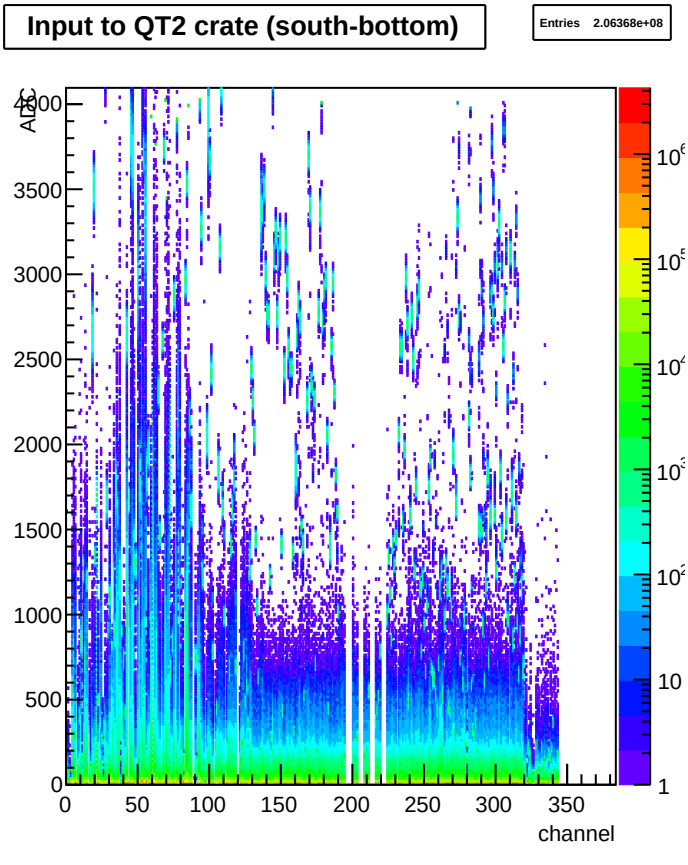

Entries 5088696
ZDC East ADC Sum Att
ZDC West ADC Sum Att

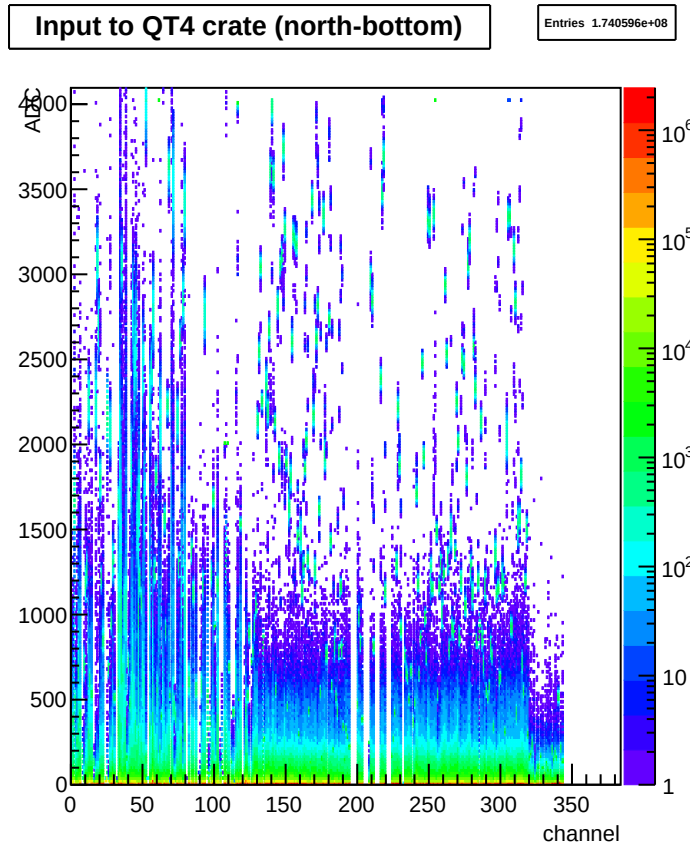

Entries 5088696
VPD East ADC Sum
VPD West ADC Sum

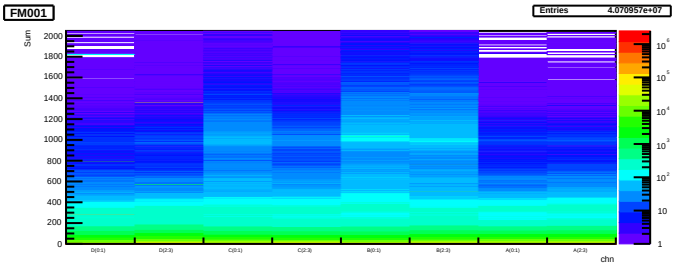

Entries 5088696
BBC-S TAC Diff
ZDC TAC Diff

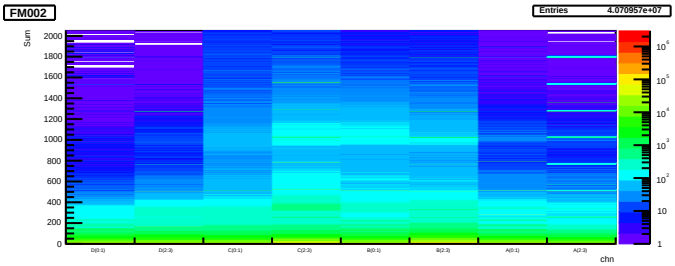

Input to QT1 crate (south-top)
Entries 2.172641e+08
ADC
channel

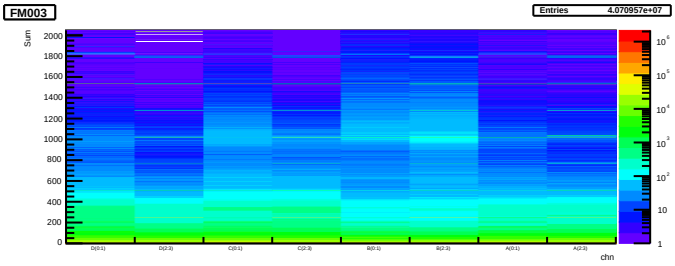

Input to QT3 crate (north-top)
Entries 2.050843e+08
ADC
channel

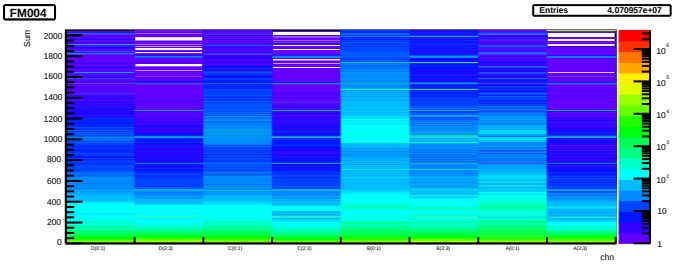

Input to QT2 crate (south-bottom)
Entries 2.06368e+08
ADC
channel

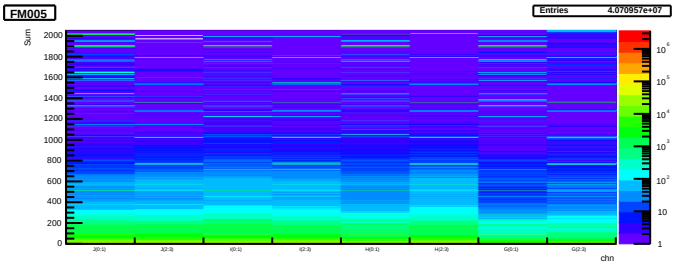

Input to QT4 crate (north-bottom)
Entries 1.740596e+08
ADC
channel


FM001
Entries 4.070957e+07
Sum
chn


FM002
Entries 4.070957e+07
Sum
chn


FM003
Entries 4.070957e+07
Sum
chn


FM004
Entries 4.070957e+07
Sum
chn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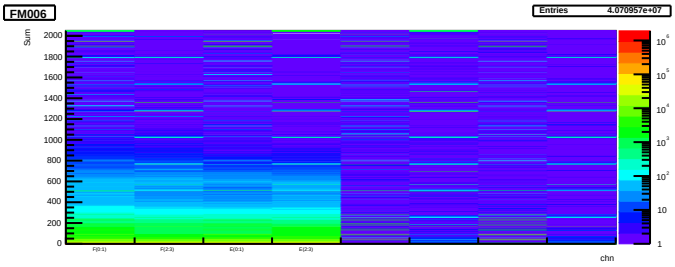
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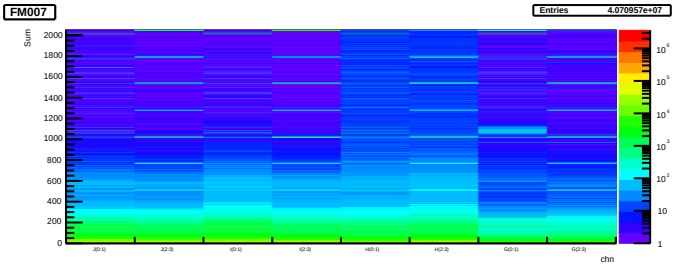
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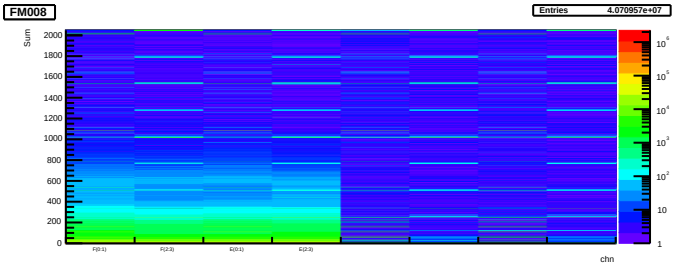
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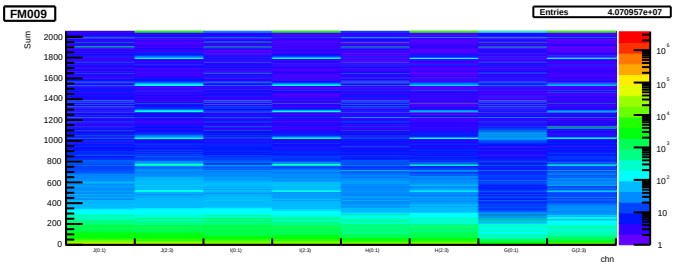
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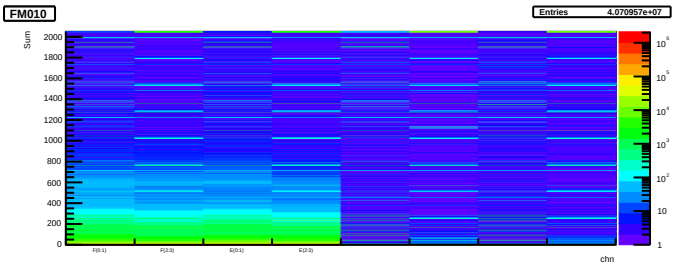
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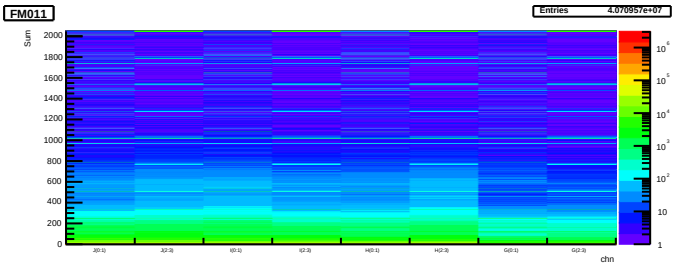
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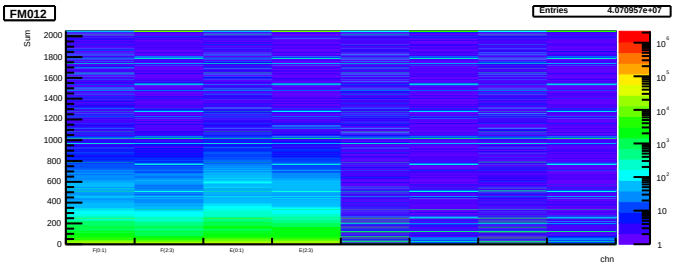
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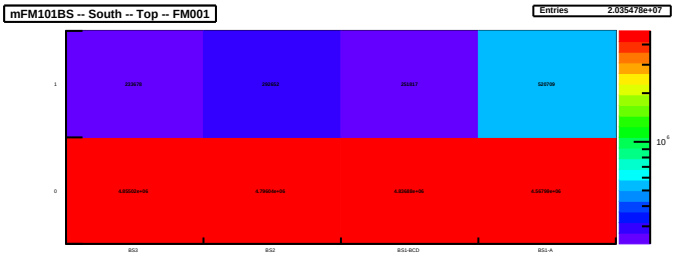
mFM101BS -- South -- Top -- FM001
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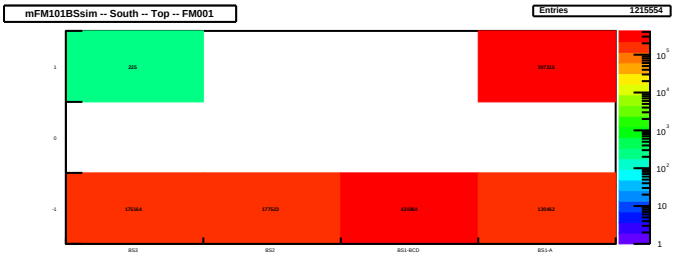
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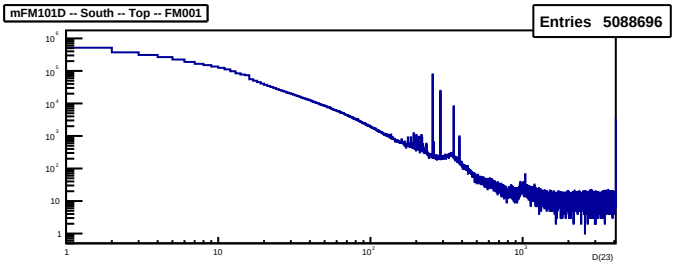
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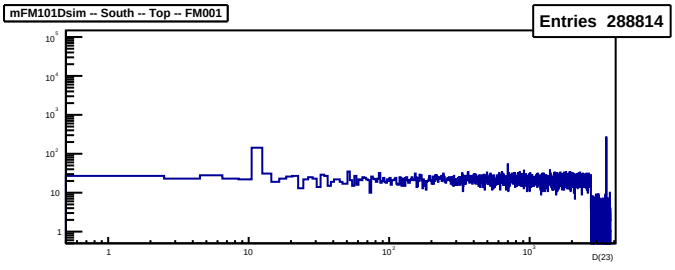
Entries 5088696
D(23)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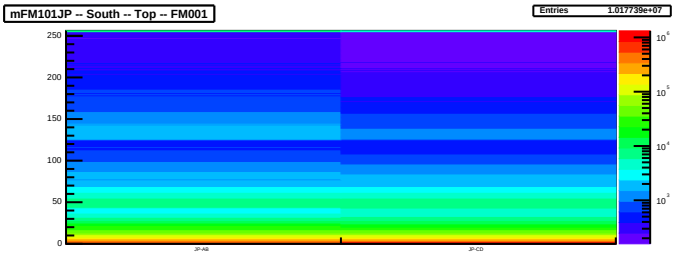
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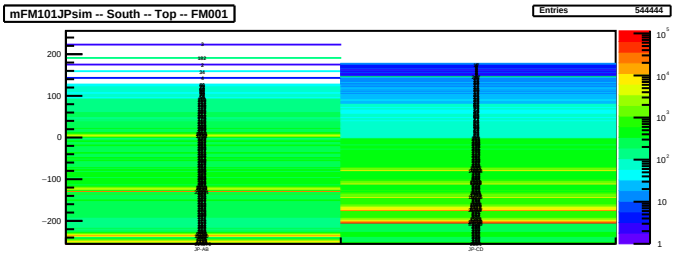
Entries 1.017739e+07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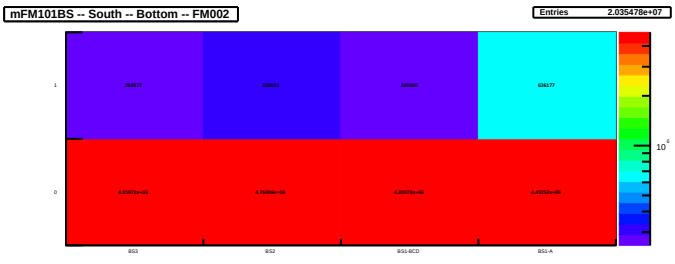
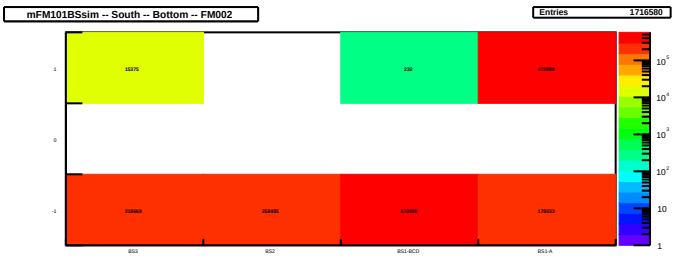

mFM101BS -- South -- Bottom -- FM002
Entries 2.035478e+07


mFM101BSsim -- South -- Bottom -- FM002
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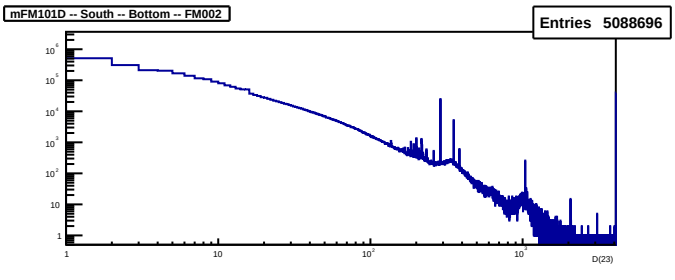
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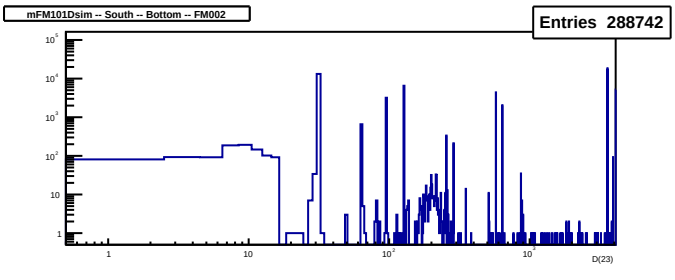
Entries 5088696
D(23)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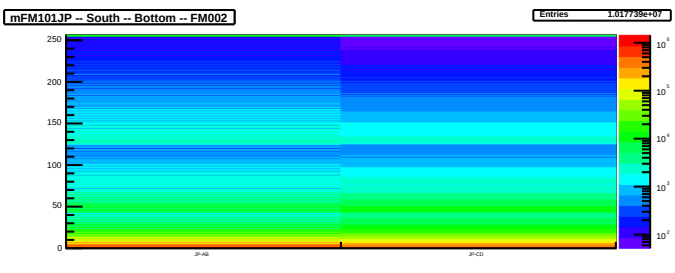
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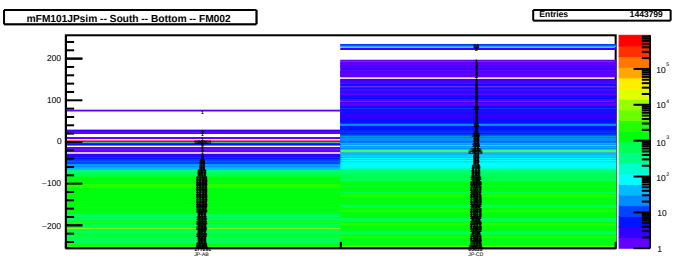
Entries 1.017739e+07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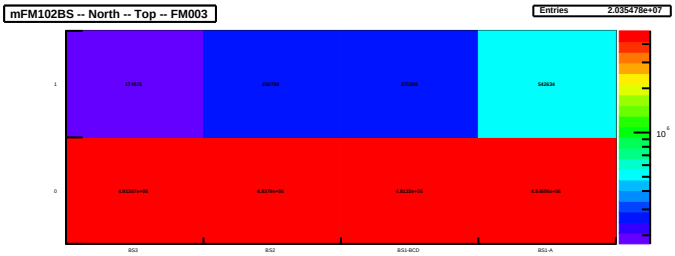
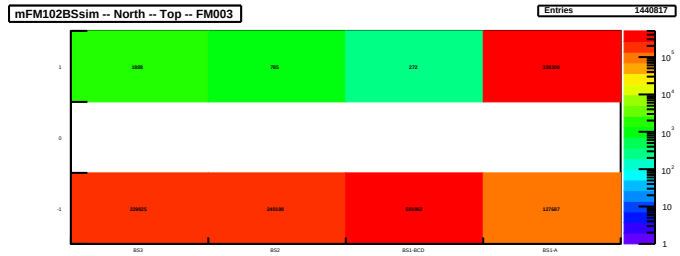

mFM102BS -- North -- Top -- FM003
Entries 2.035478e+07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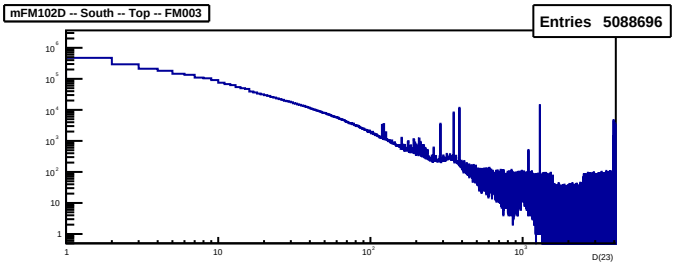
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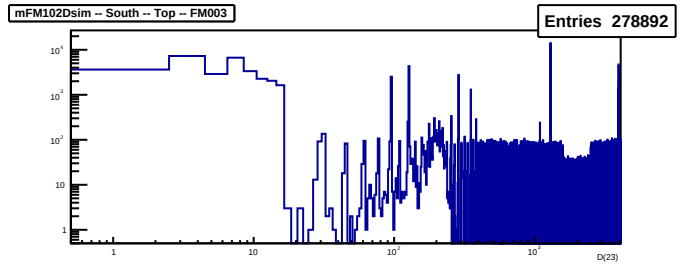
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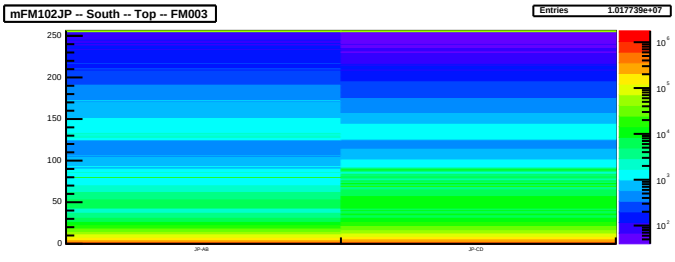
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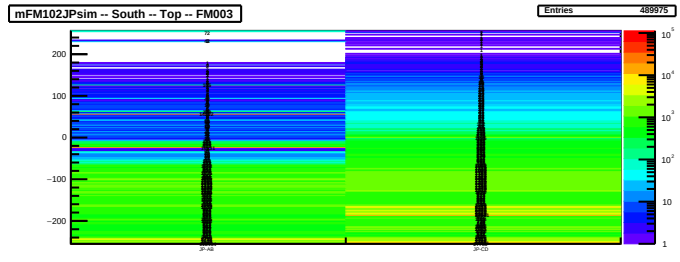
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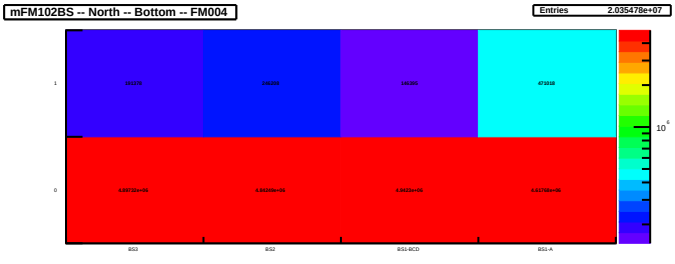
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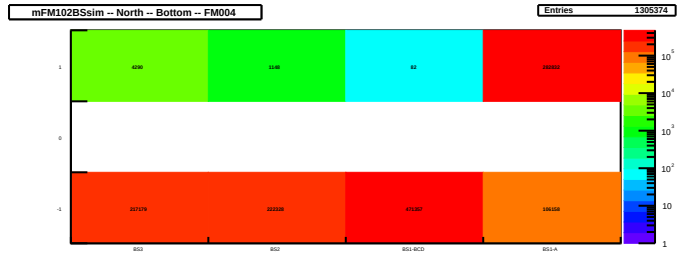
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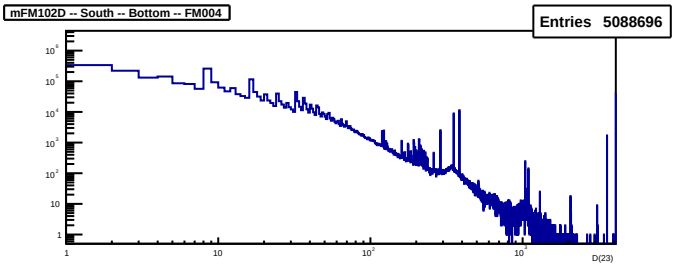
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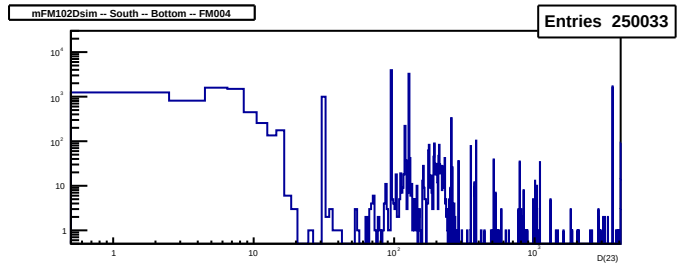
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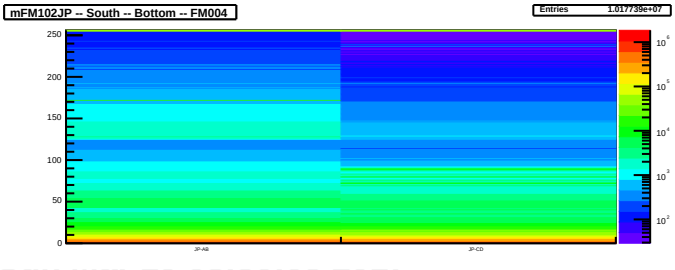
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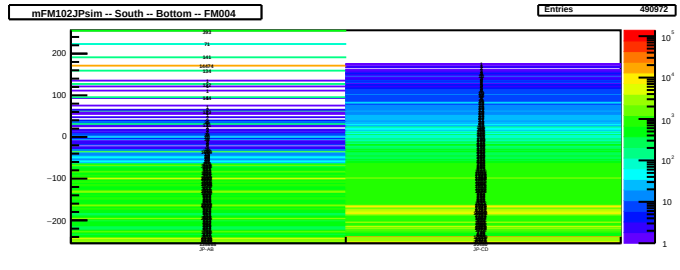
Entries 1.017739e+07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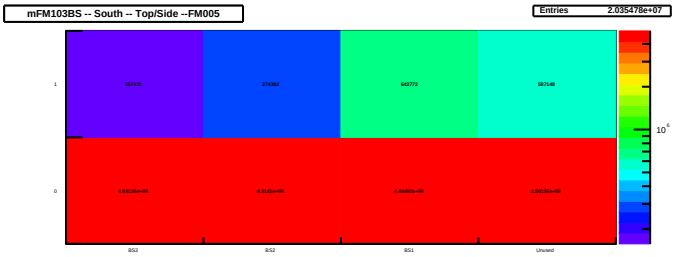
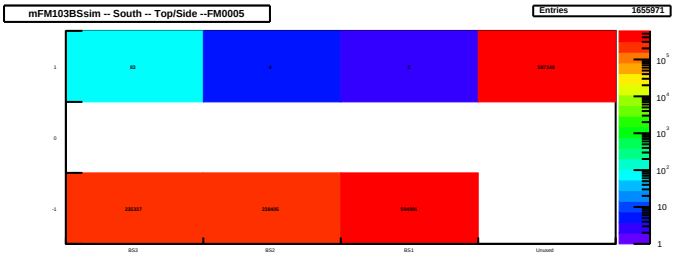

mFM103BS -- South -- Top/Side --FM005
Entries 2.035478e+07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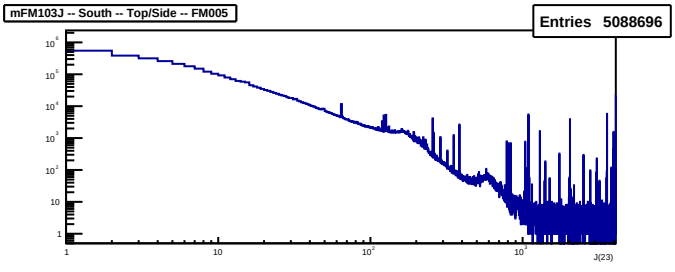
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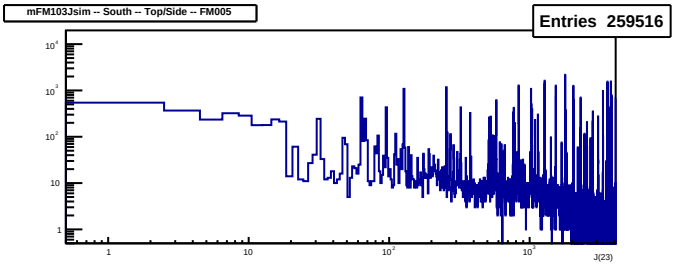
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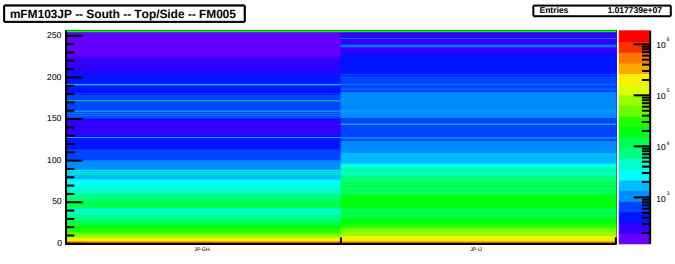
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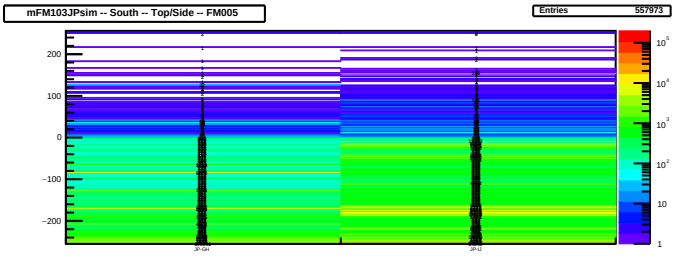
Entries 1.017739e+07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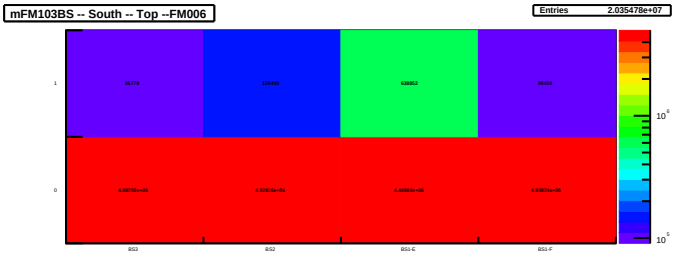
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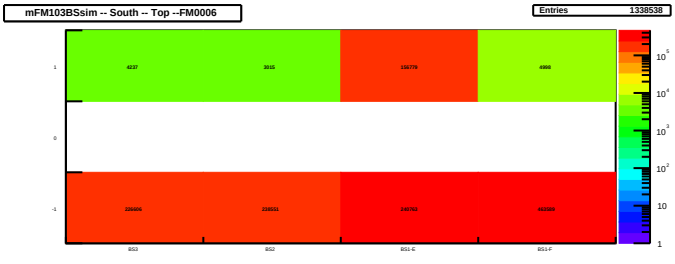
Entries 2.035478e+07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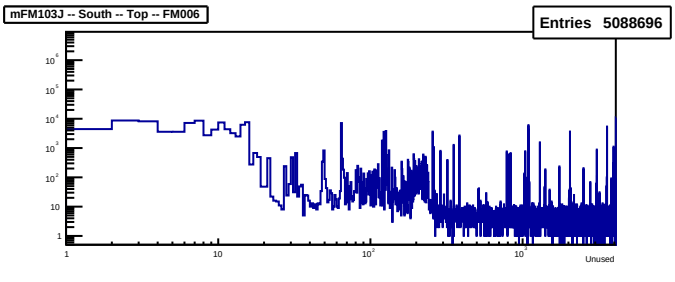
mFM103J -- South -- Top -- FM006
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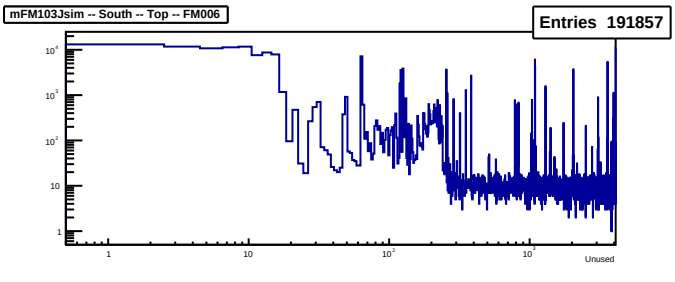
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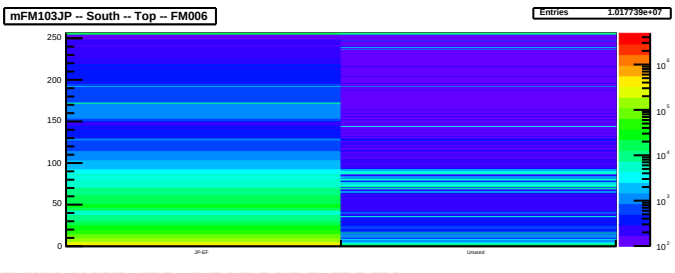
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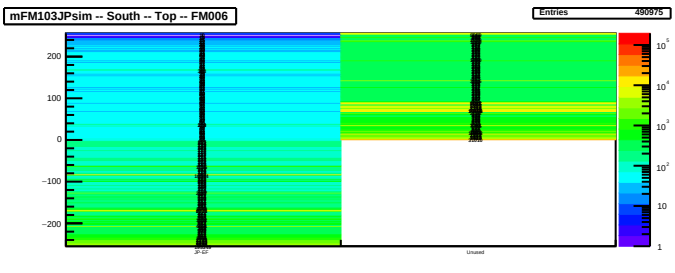
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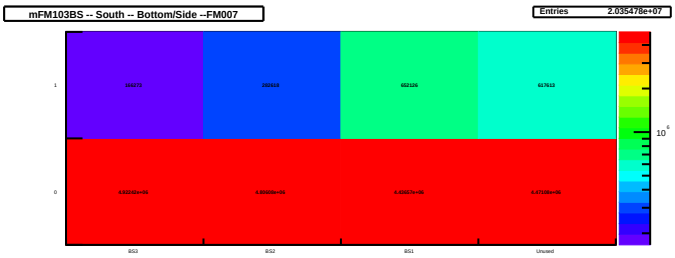
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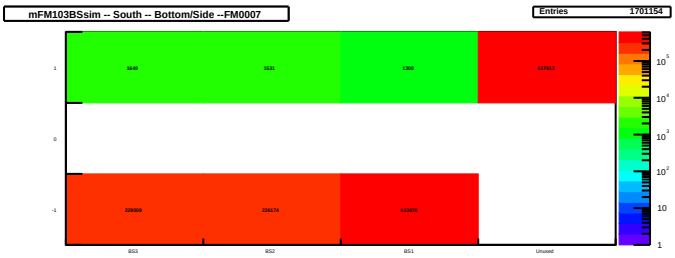
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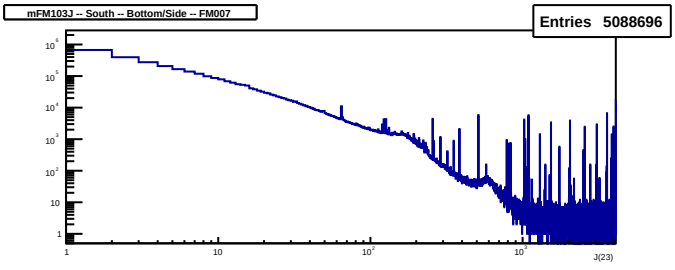
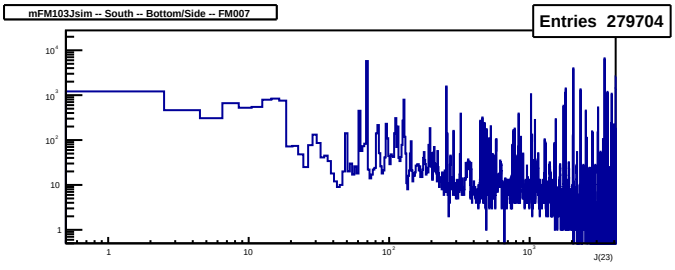

mFM103J -- South -- Bottom/Side -- FM007
Entries 5088696
J(23)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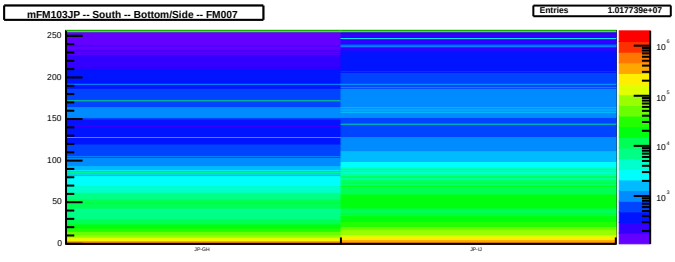
J(23)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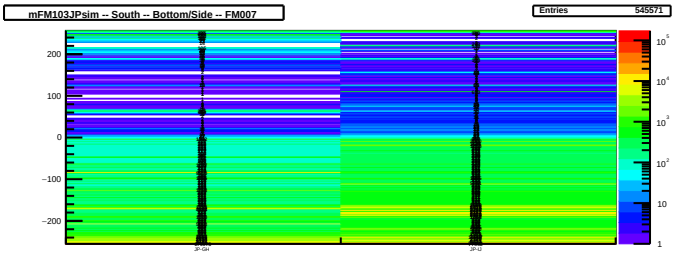
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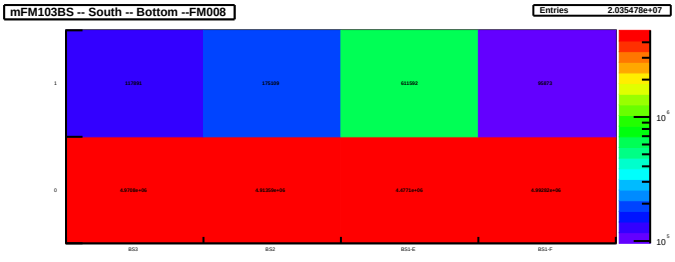
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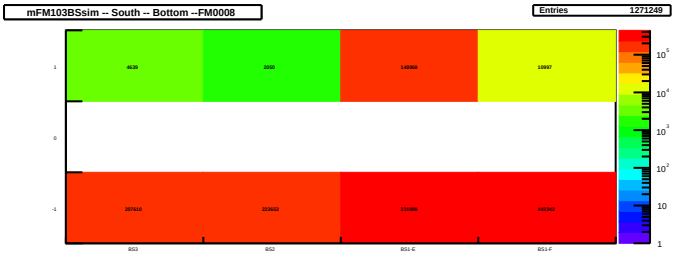
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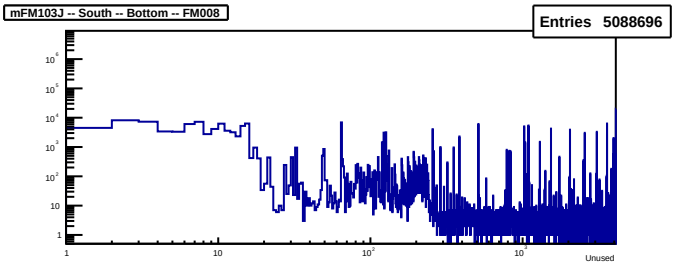
mFM103J -- South -- Bottom -- FM008
Entries 5088696
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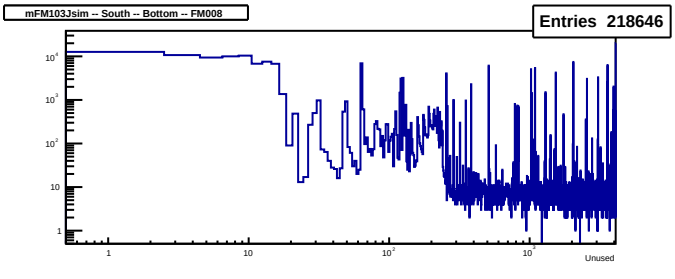
mFM103Jsim -- South -- Bottom -- FM008
Entries 218646
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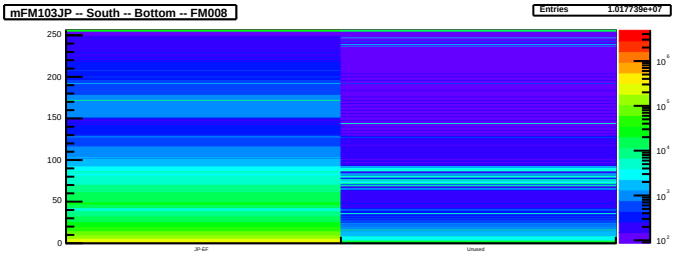
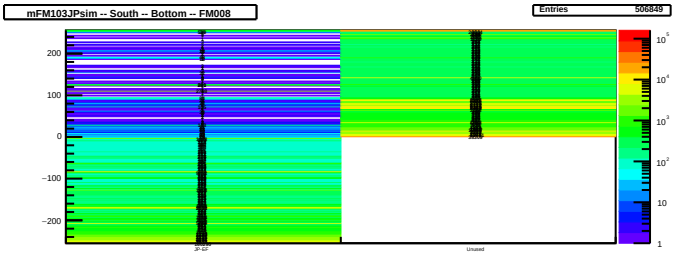
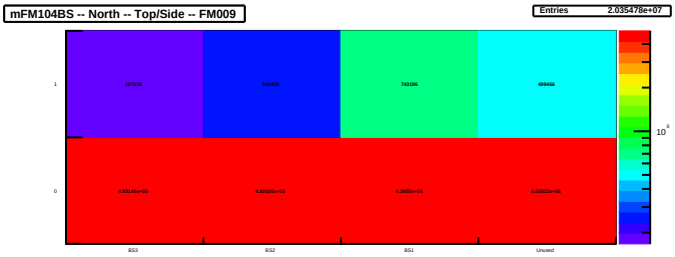
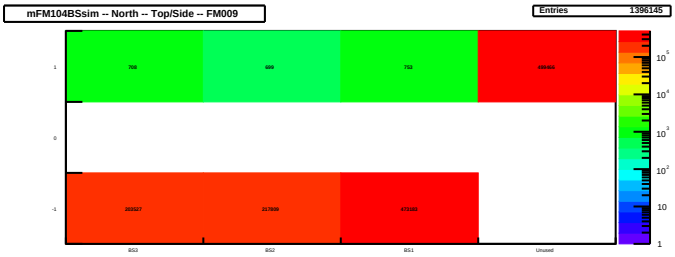
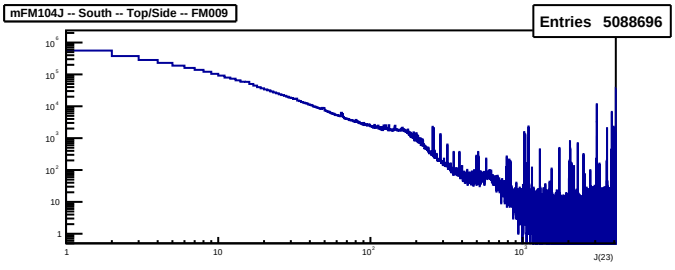
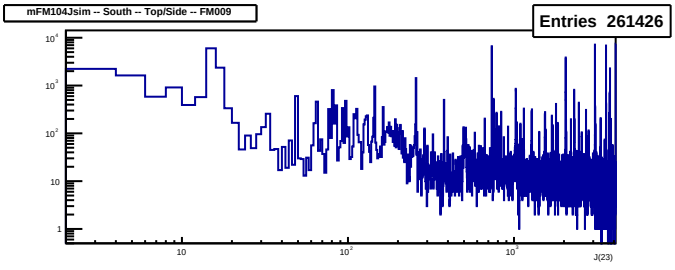

mFM103JP -- South -- Bottom -- FM008
Entries 1.017739e+07

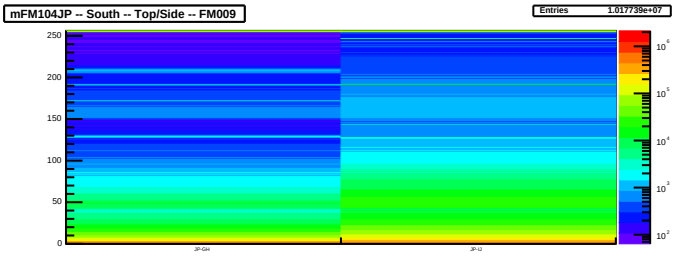

mFM103JPsim -- South -- Bottom -- FM008
Entries 506849

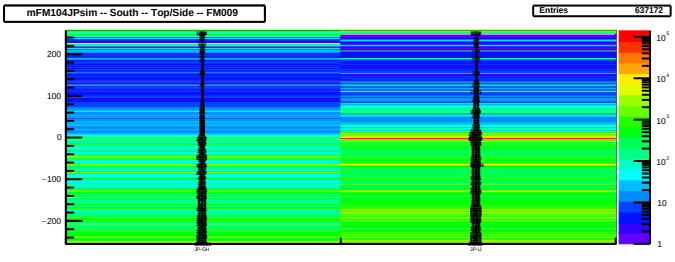

mFM104BS -- North -- Top/Side -- FM009
Entries 2.035478e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 1396145


mFM104J -- South -- Top/Side -- FM009
Entries 5088696
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 261426
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.017739e+07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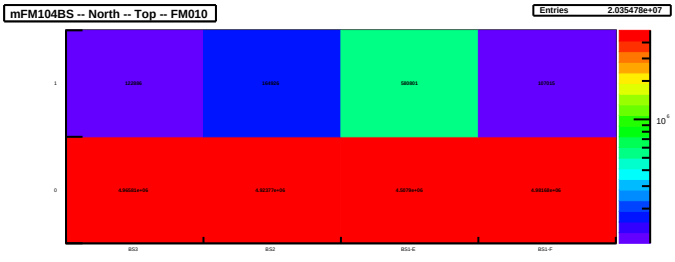
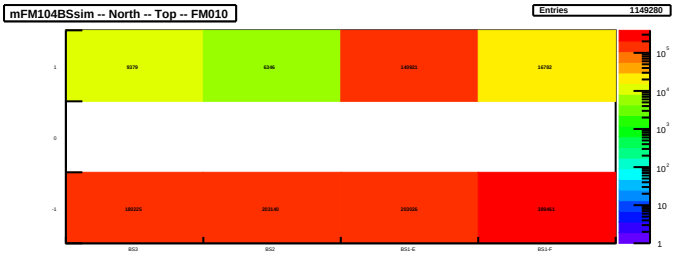
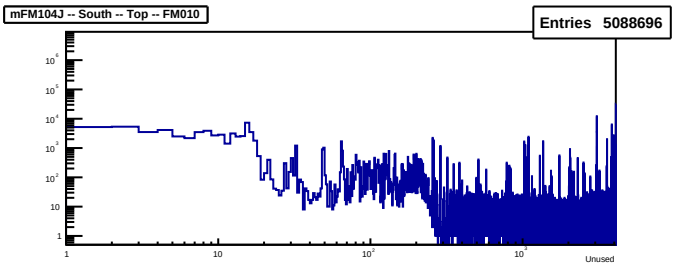
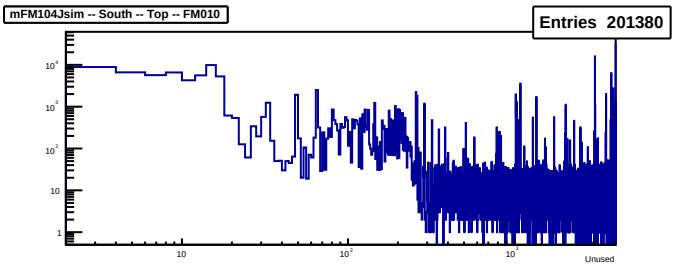
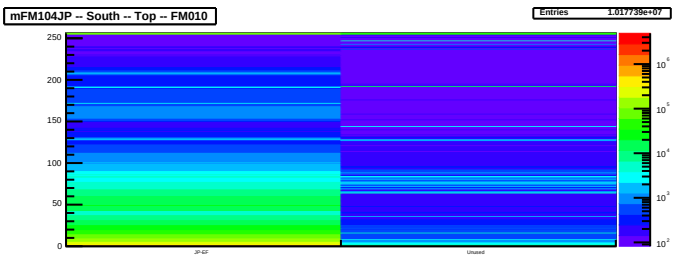
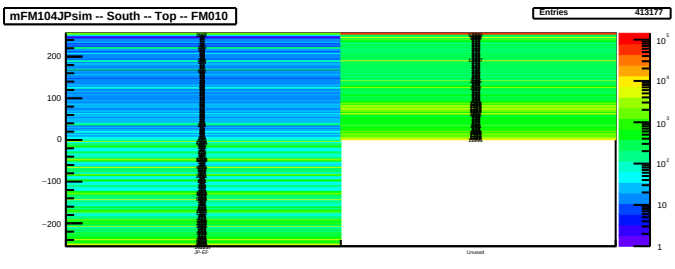

mFM104BS -- North -- Top -- FM010
Entries 2.035478e+07

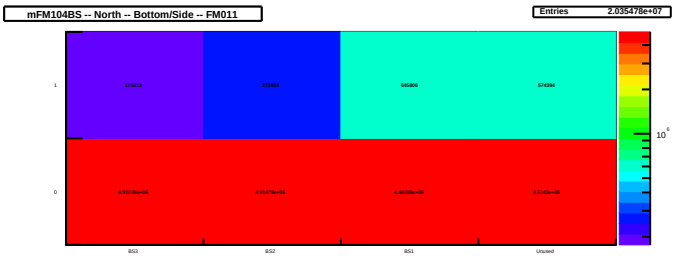

mFM104BSsim -- North -- Top -- FM010
Entries 1149280

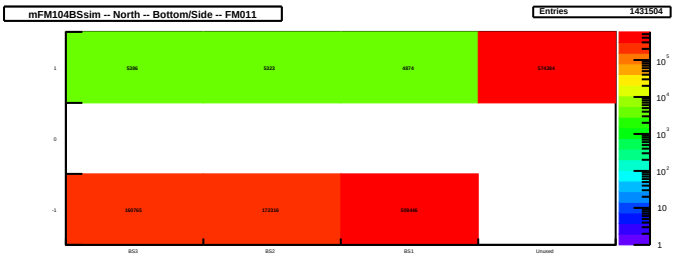

mFM104J -- South -- Top -- FM010
Entries 5088696
Unused

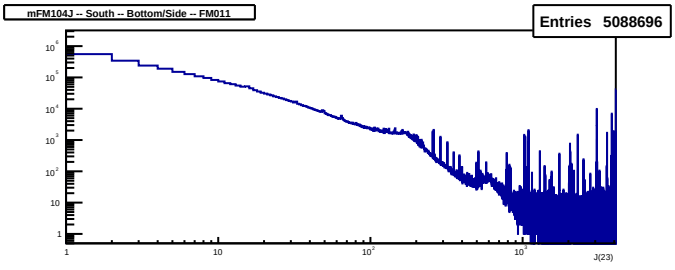

mFM104Jsim -- South -- Top -- FM010
Entries 201380
Unused

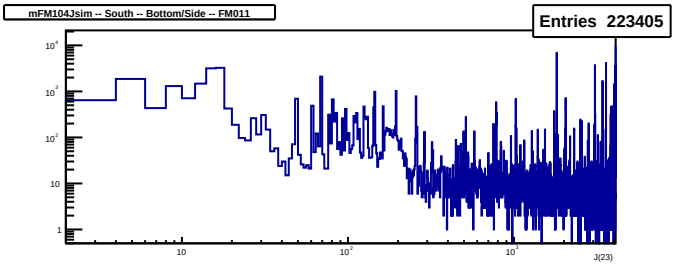

mFM104JP -- South -- Top -- FM010
Entries 1.017739e+07

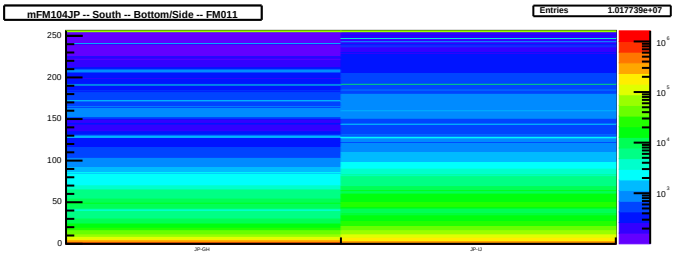

mFM104JPsim -- South -- Top -- FM010
Entries 413177

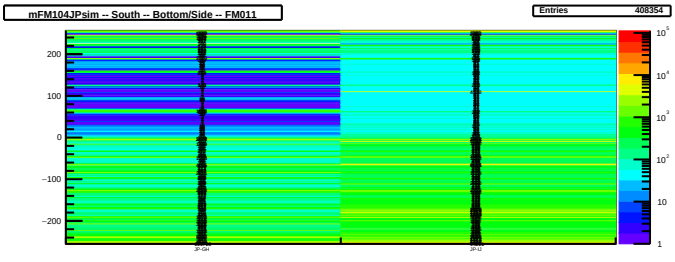

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.035478e+07

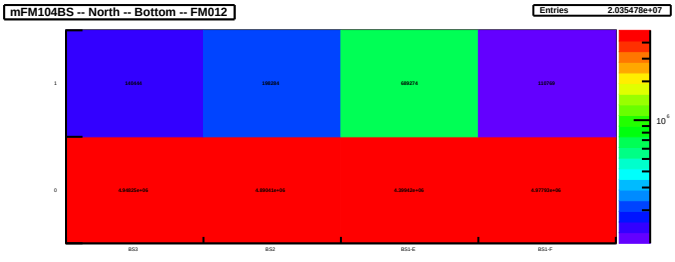

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1431504

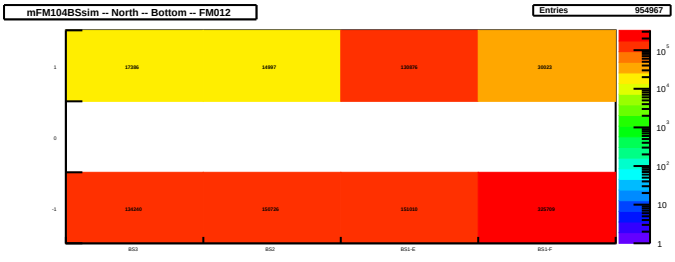

mFM104J -- South -- Bottom/Side -- FM011
Entries 5088696
J(23)

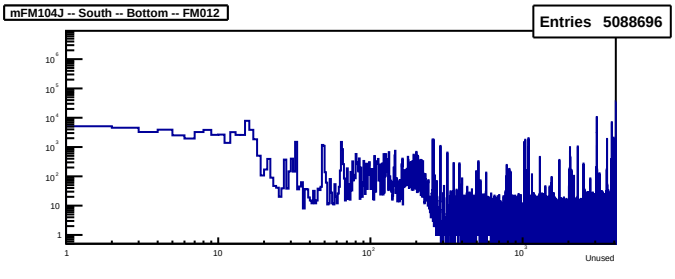

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 223405
J(23)

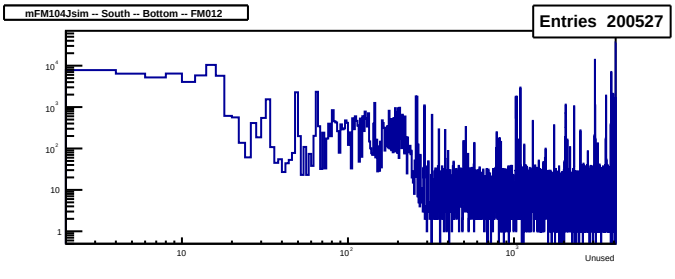

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.017739e+07

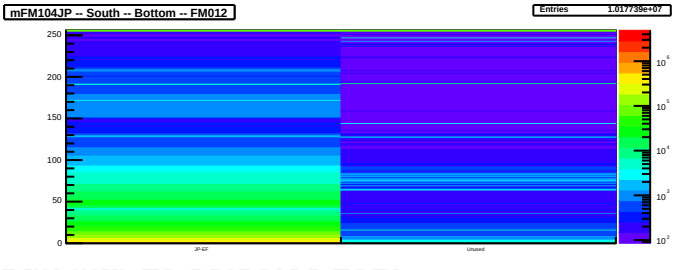

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 408354

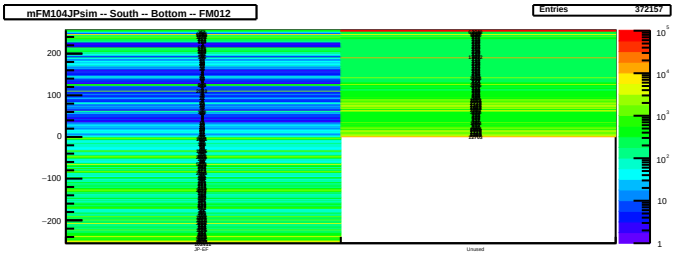

mFM104BS -- North -- Bottom -- FM012
Entries 2.035478e+07

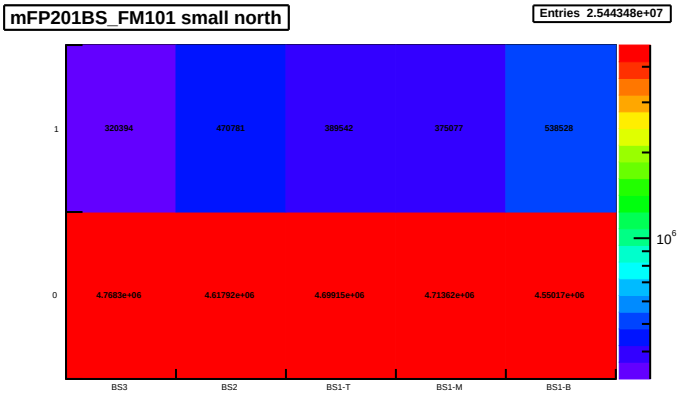

mFM104BSsim -- North -- Bottom -- FM012
Entries 954967

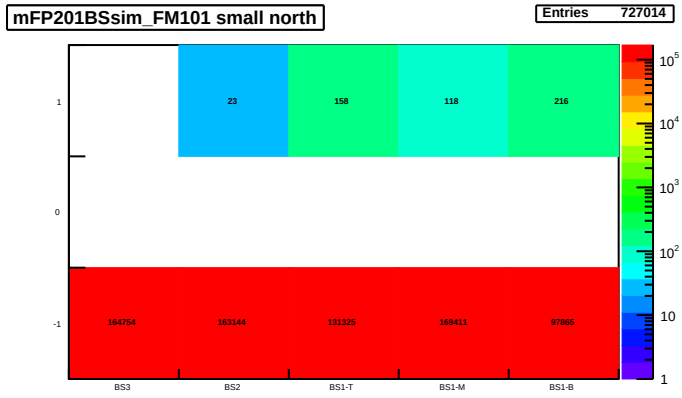

mFM104J -- South -- Bottom -- FM012
Entries 5088696
Unused

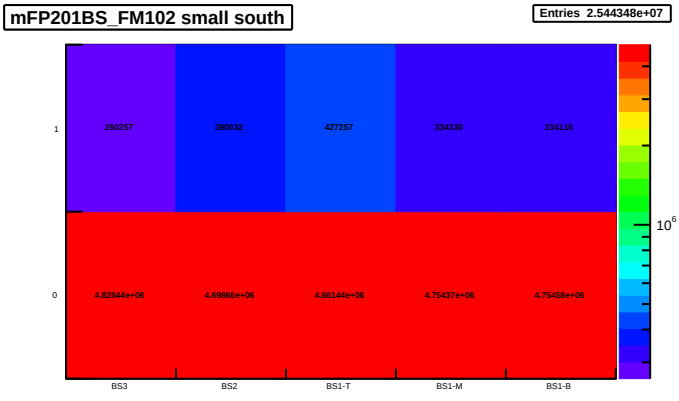

mFM104Jsim -- South -- Bottom -- FM012
Entries 200527
Unused

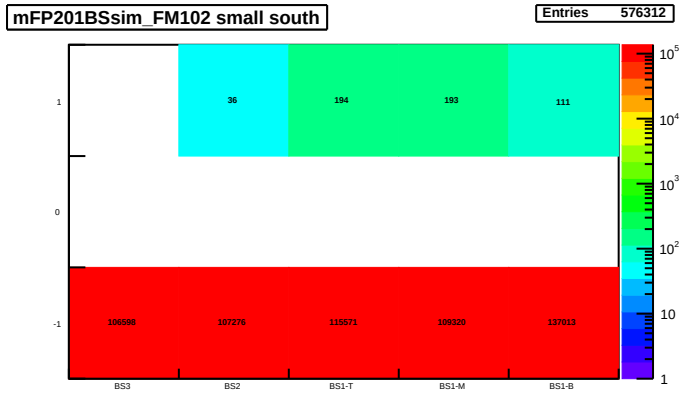

mFM104JP -- South -- Bottom -- FM012
Entries 1.017739e+07

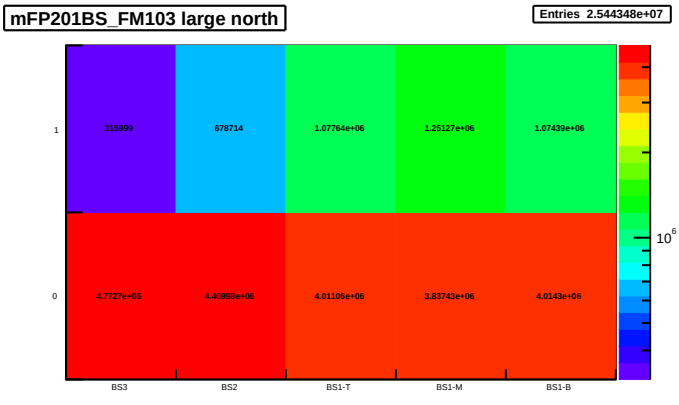

mFM104JPsim -- South -- Bottom -- FM012
Entries 372157

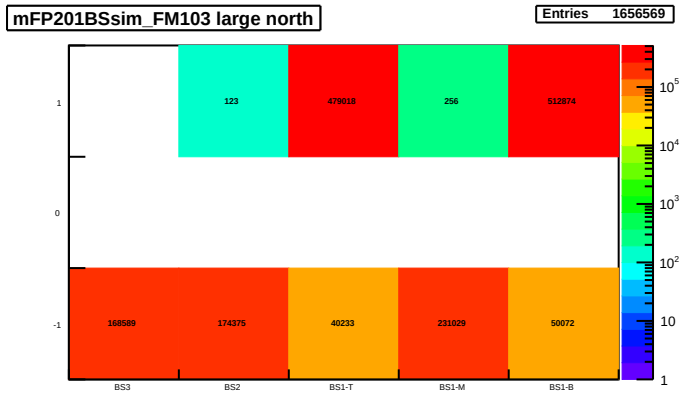

mFP201BS_FM101 small north
Entries 2.544348e+07
320394
470781
389542
375077
538528
4.7683e+06
4.61792e+06
4.69915e+06
4.71362e+06
4.55017e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

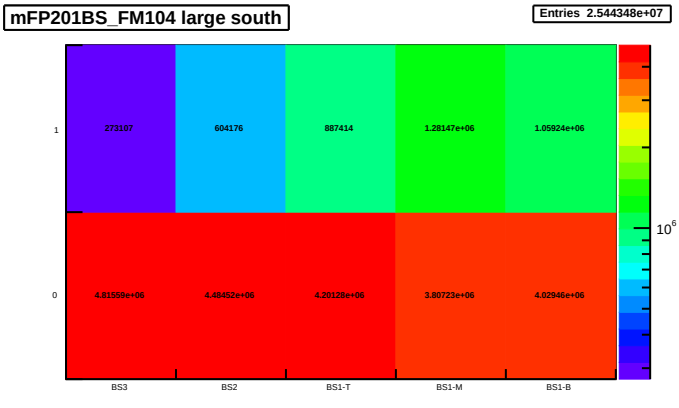

mFP201BSsim_FM101 small north
Entries 727014
23
158
118
216
164754
163144
131325
169411
97865
BS3
BS2
BS1-T
BS1-M
BS1-B

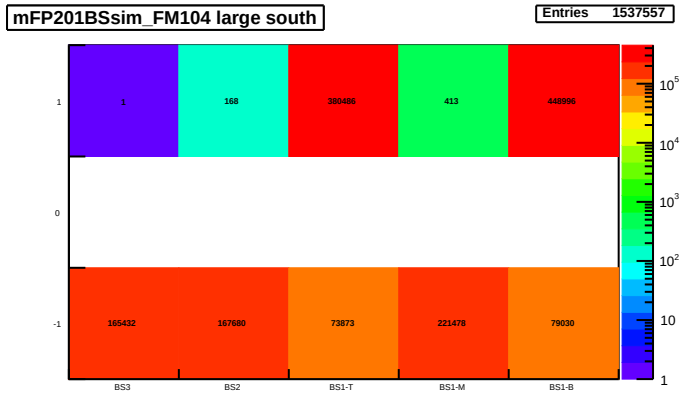

mFP201BS_FM102 small south
Entries 2.544348e+07
260257
390032
427257
334330
334116
4.82844e+06
4.69866e+06
4.66144e+06
4.75437e+06
4.75458e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

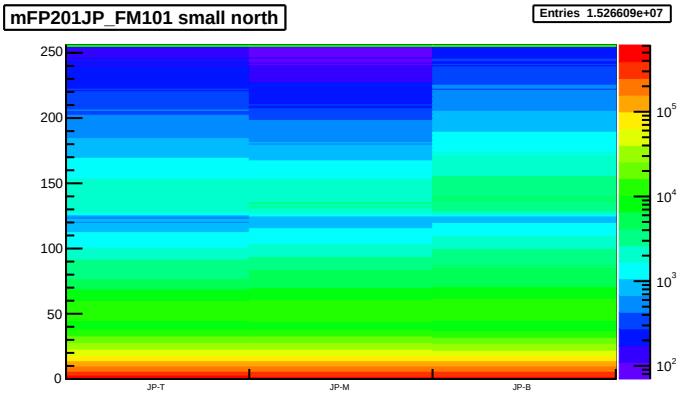

mFP201BSsim_FM102 small south
Entries 576312
36
194
193
111
106598
107276
115571
109320
137013
BS3
BS2
BS1-T
BS1-M
BS1-B

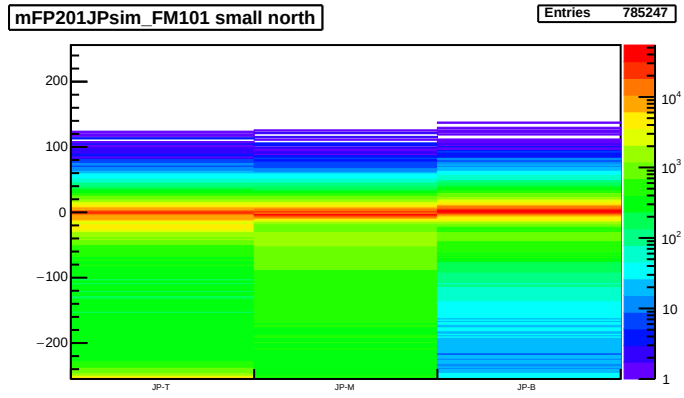

mFP201BS_FM103 large north
Entries 2.544348e+07
315999
678714
1.07764e+06
1.25127e+06
1.07439e+06
4.7727e+06
4.40998e+06
4.01106e+06
3.83743e+06
4.0143e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

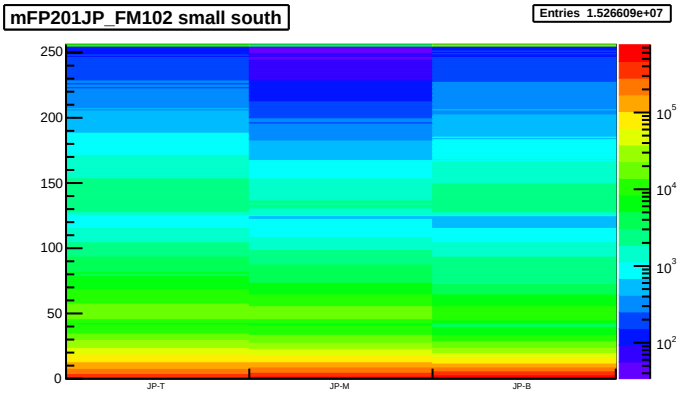

mFP201BSsim_FM103 large north
Entries 1656569
123
479018
256
512874
168589
174375
40233
231029
50072
BS3
BS2
BS1-T
BS1-M
BS1-B

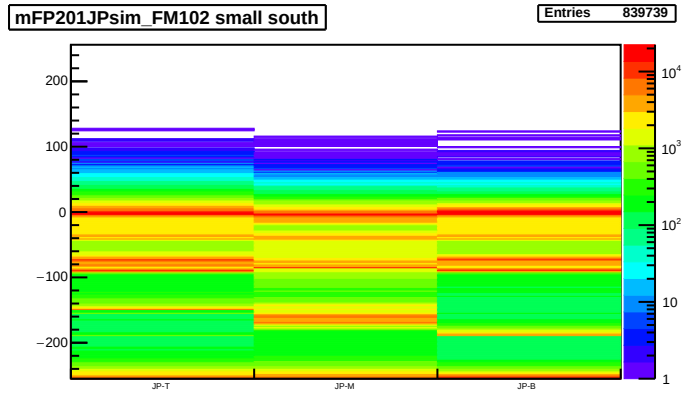

mFP201BS_FM104 large south
Entries 2.544348e+07
273107
604176
887414
1.28147e+06
1.05924e+06
4.81559e+06
4.48452e+06
4.20128e+06
3.80723e+06
4.02946e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large south
Entries 1537557
1
168
380486
413
448996
165432
167680
73873
221478
79030
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small north
Entries 1.526609e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2


mFP201JPsim_FM101 small north
Entries 785247
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM102 small south
Entries 1.526609e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2


mFP201JPsim_FM102 small south
Entries 839739
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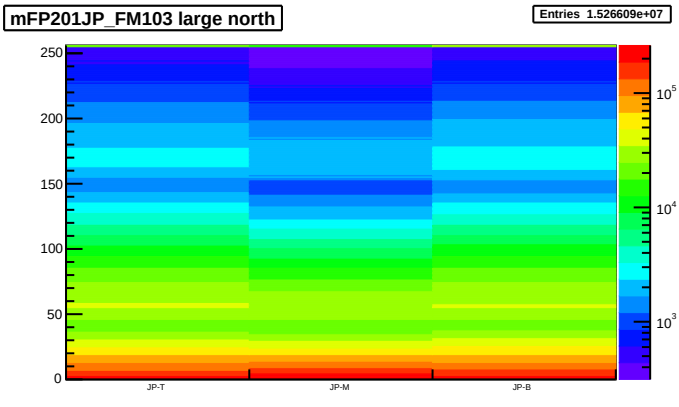
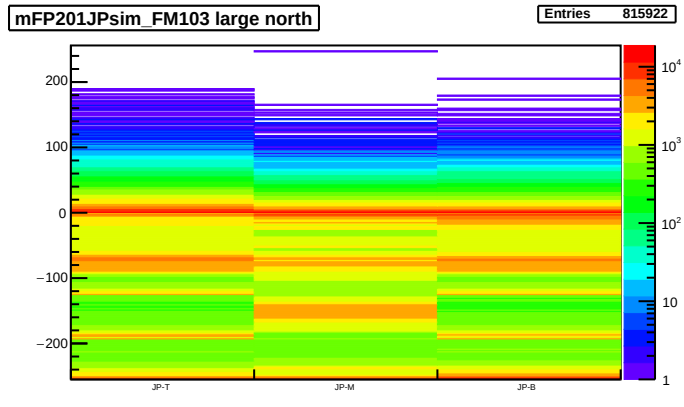
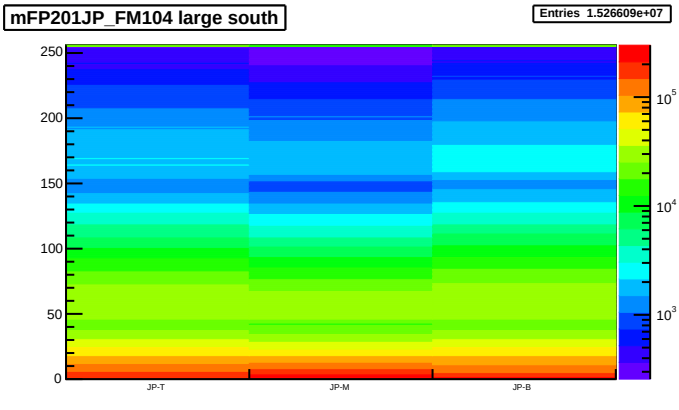
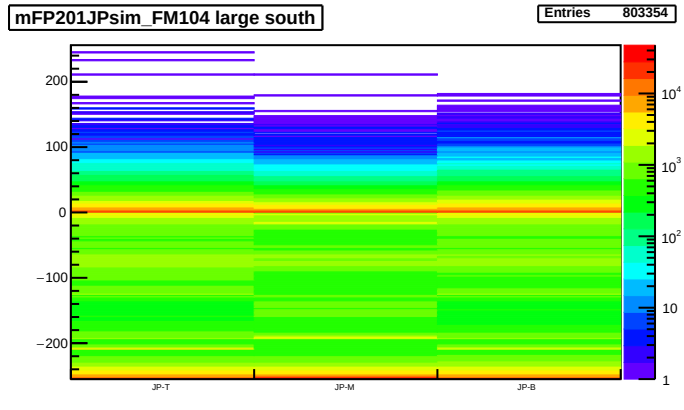
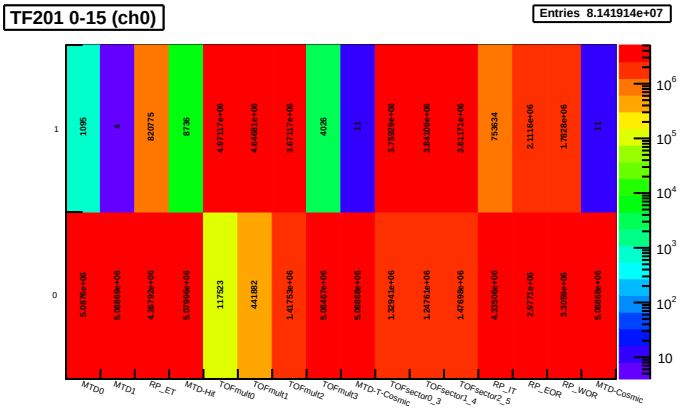
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1

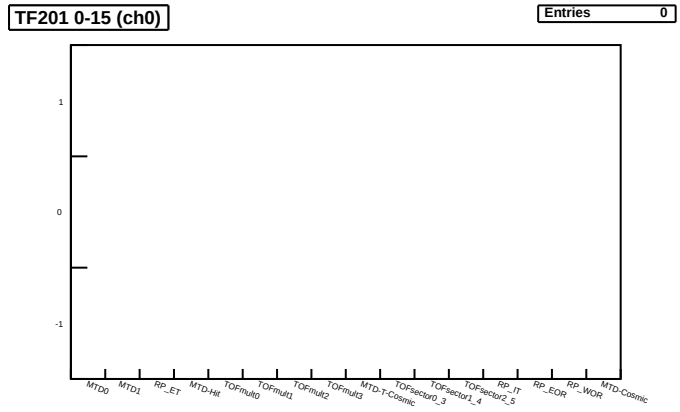

mFP201JP_FM103 large north
Entries 1.526609e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3

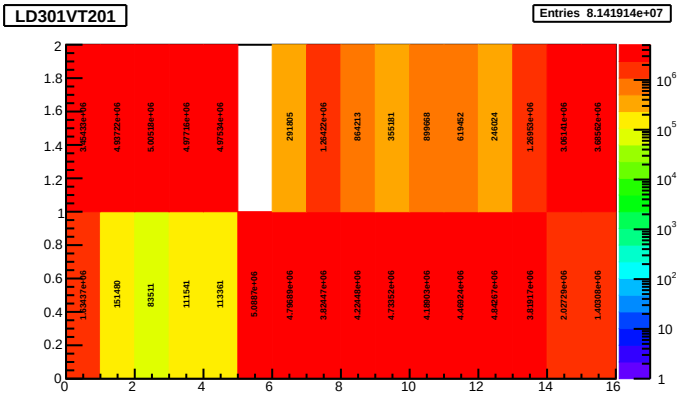

mFP201JPsim_FM103 large north
Entries 815922
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM104 large south
Entries 1.526609e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3


mFP201JPsim_FM104 large south
Entries 803354
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 8.141914e+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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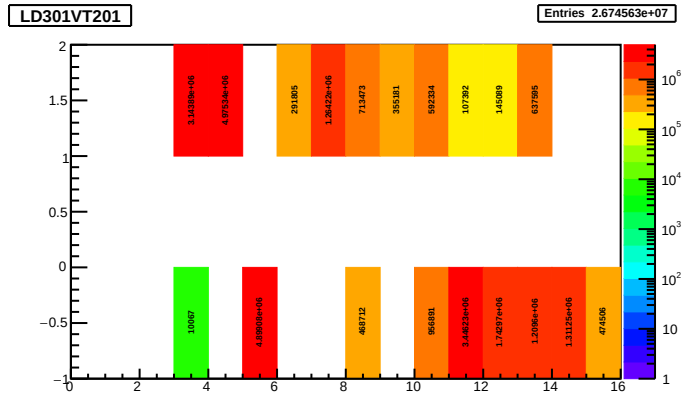
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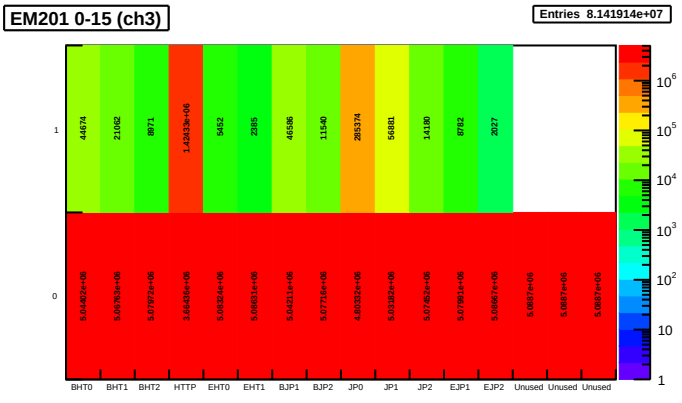
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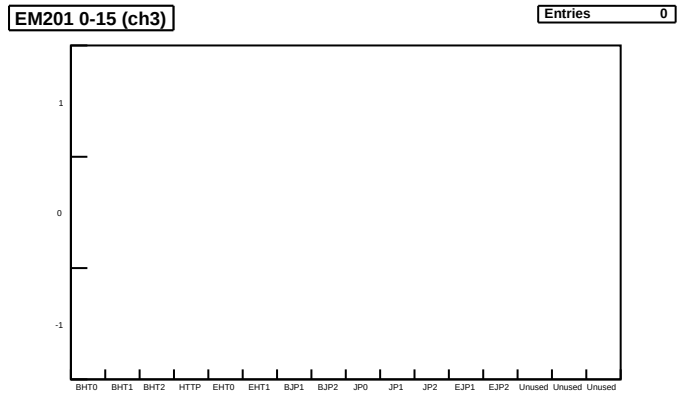
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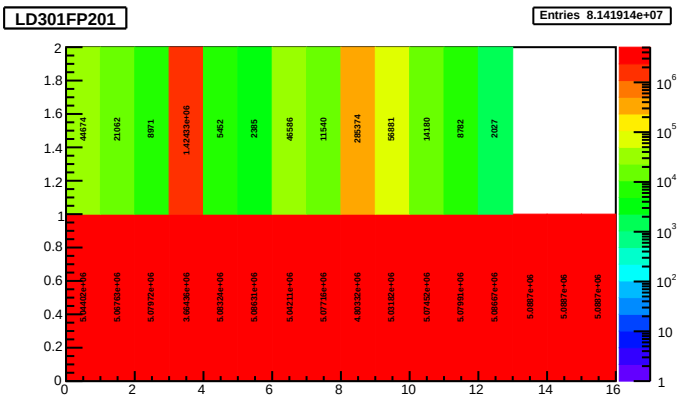
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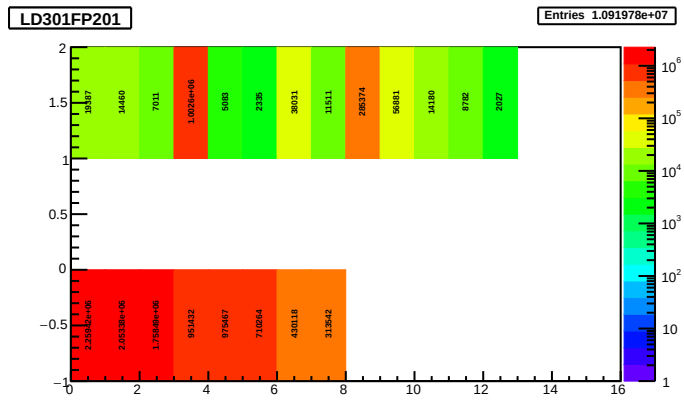
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