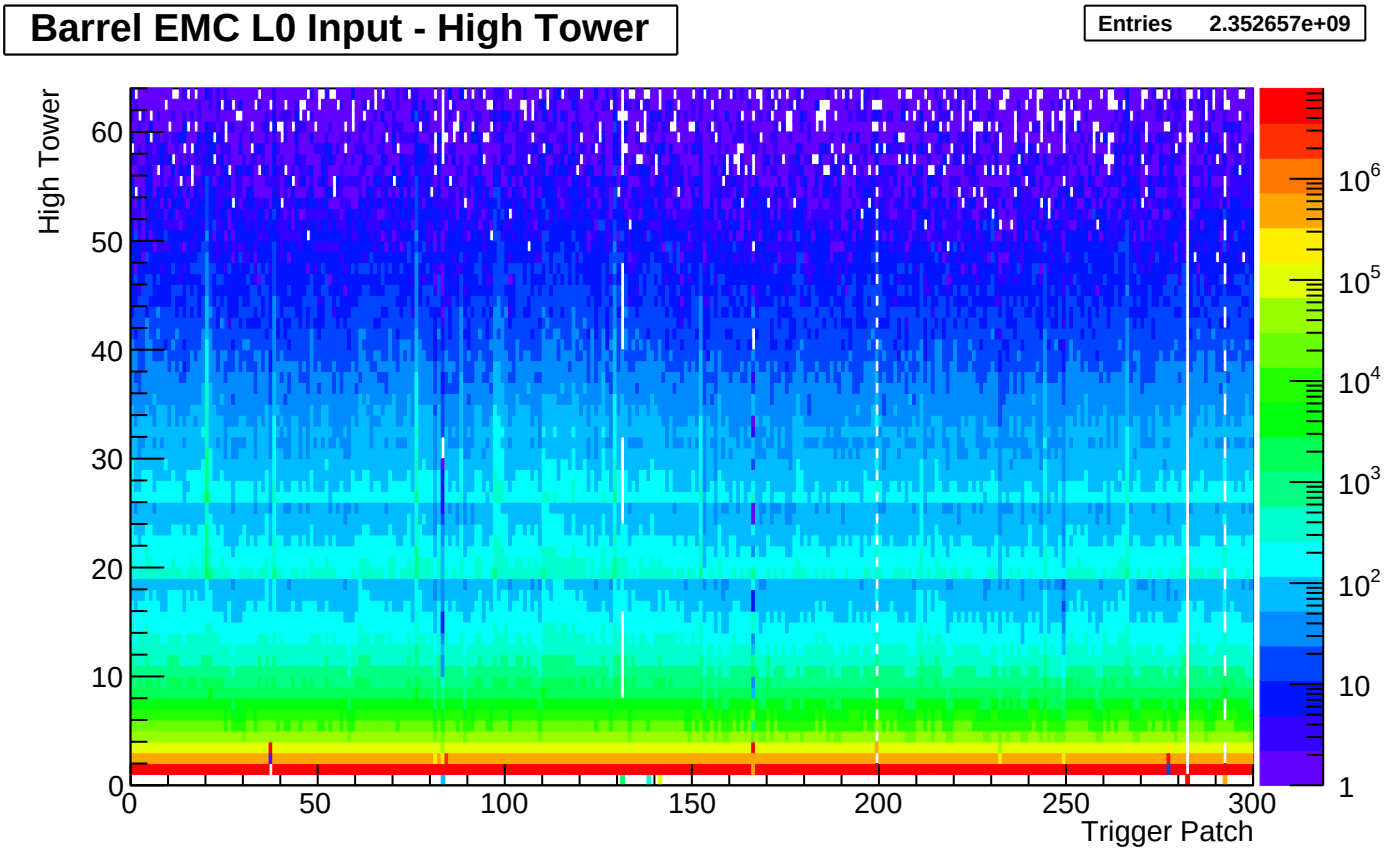
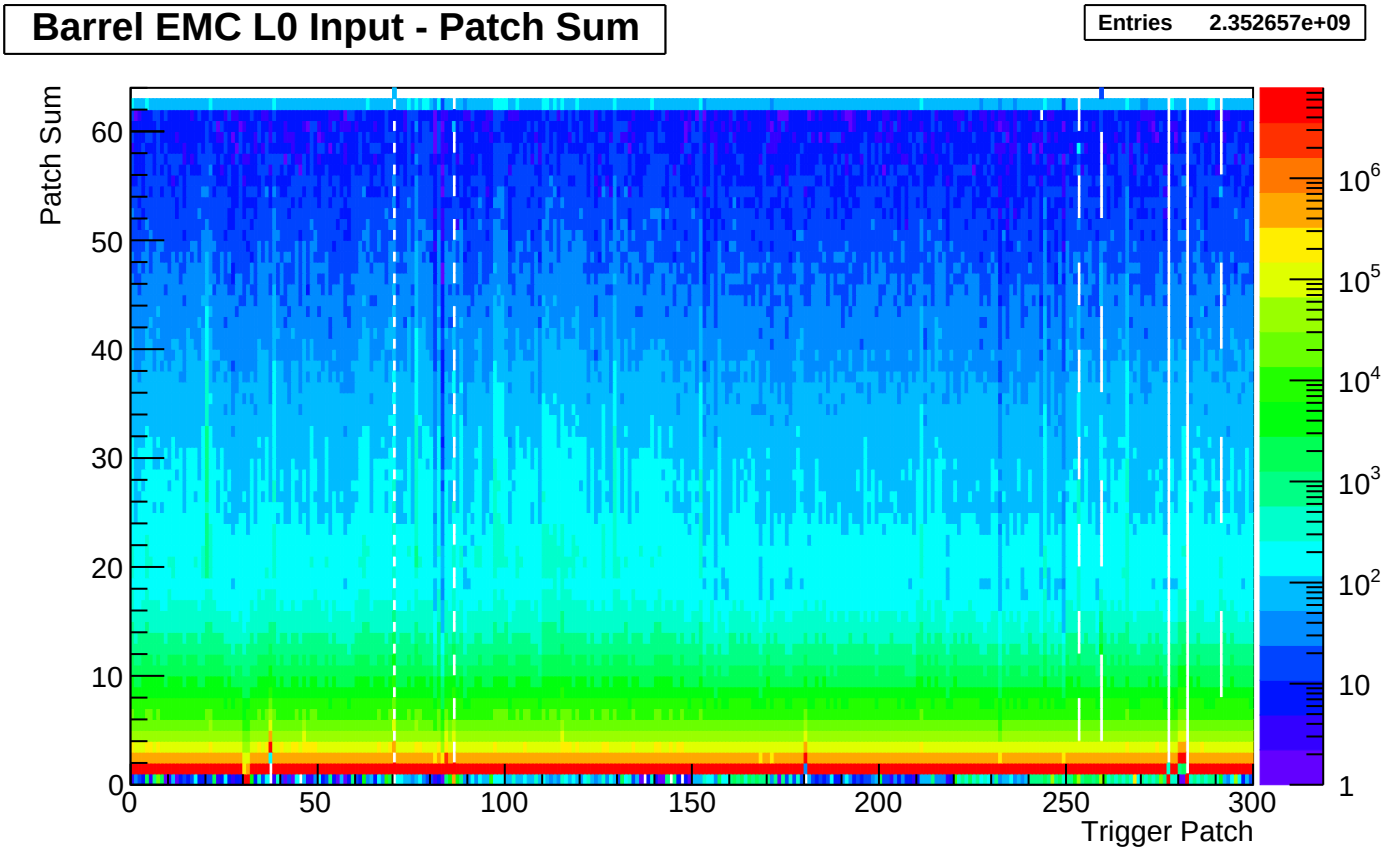
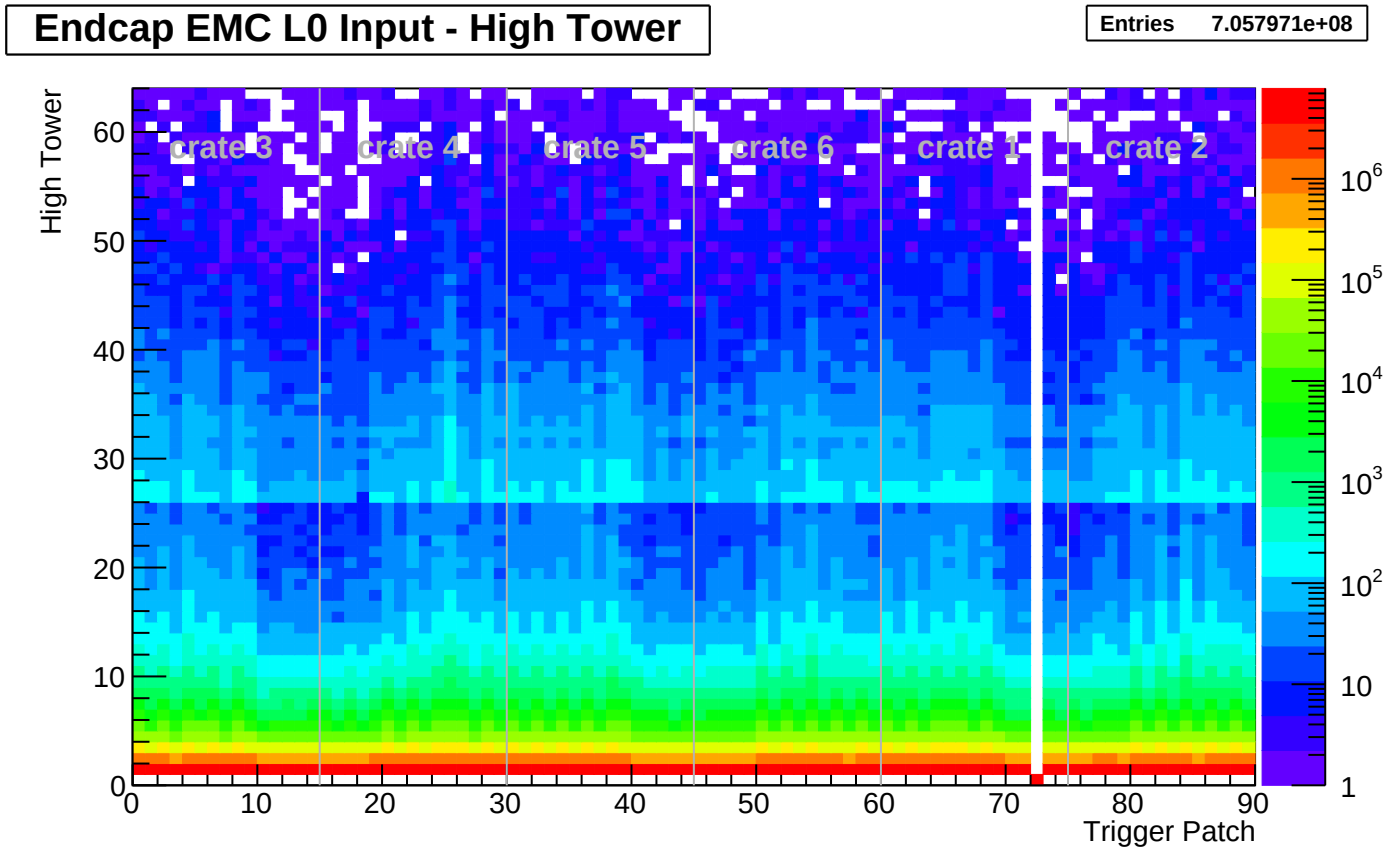
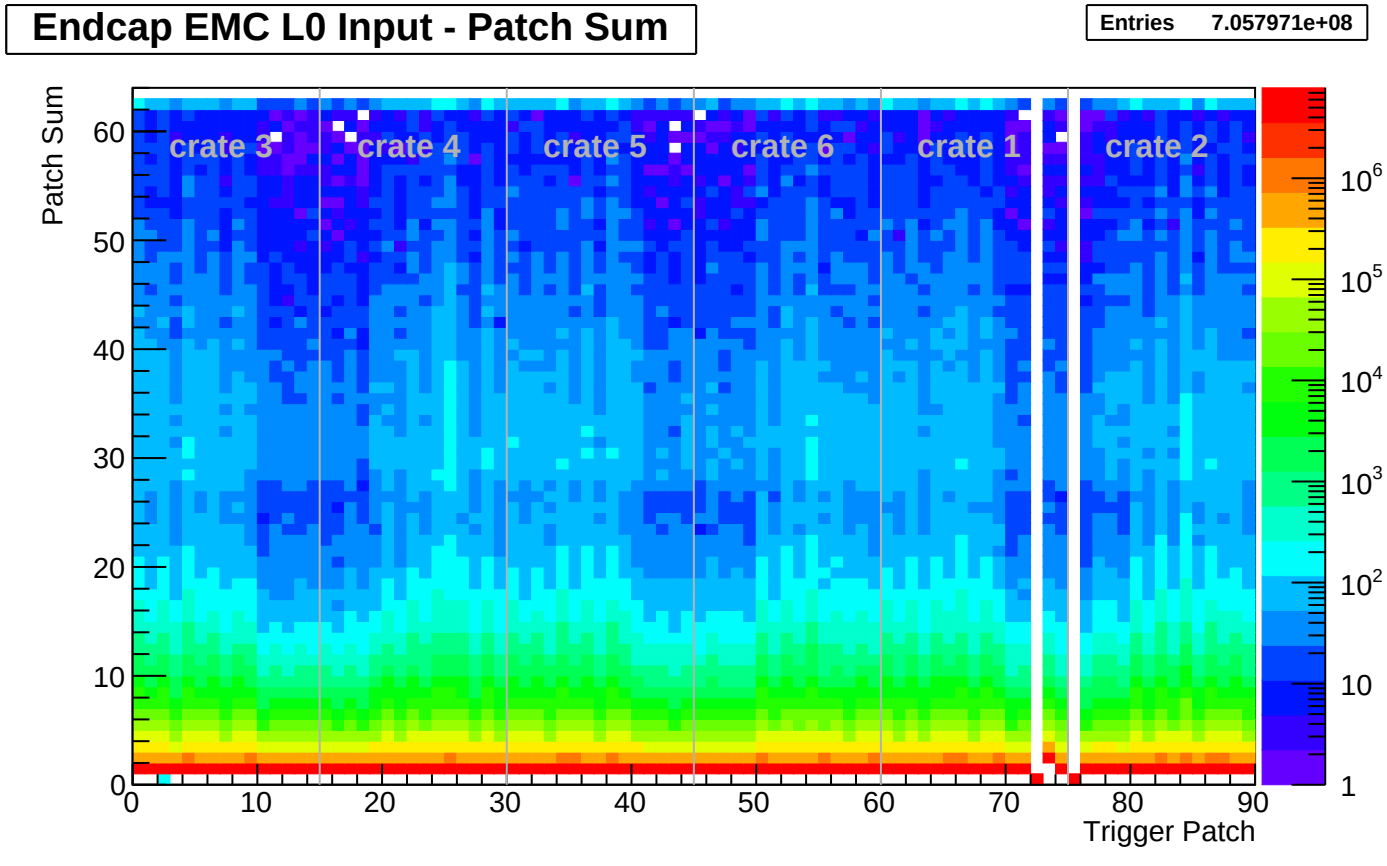
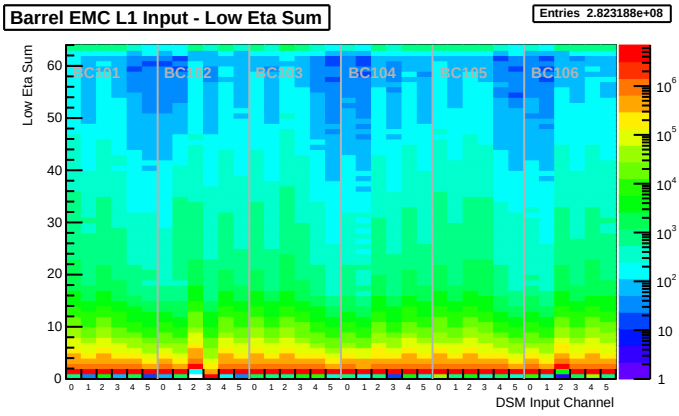
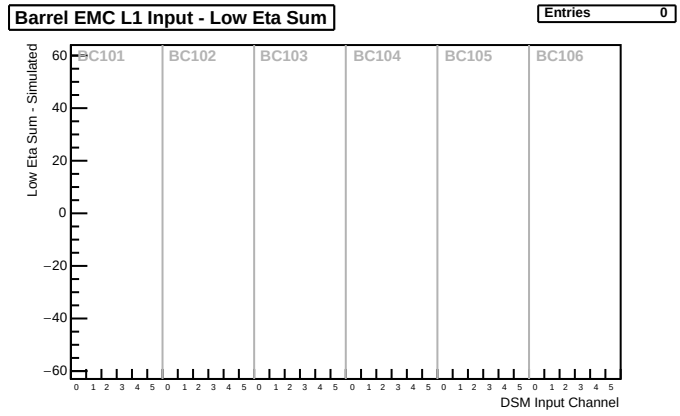

Barrel EMC L0 Input - High Tower
Entries 2.352657e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

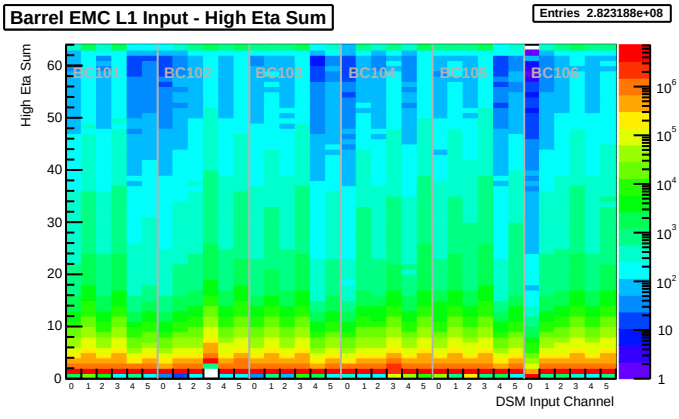

Barrel EMC L0 Input - Patch Sum
Entries 2.352657e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

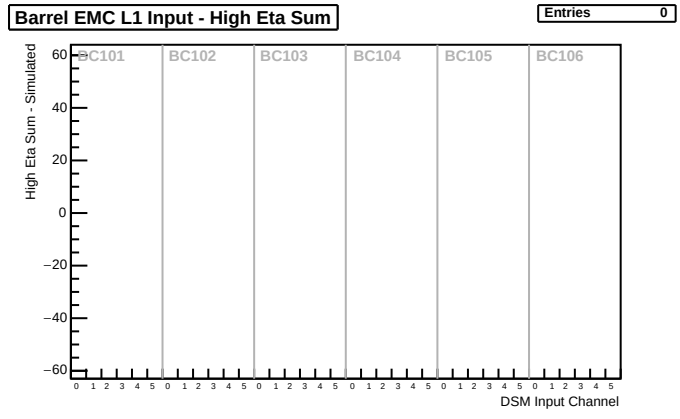

Endcap EMC L0 Input - High Tower
Entries 7.057971e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

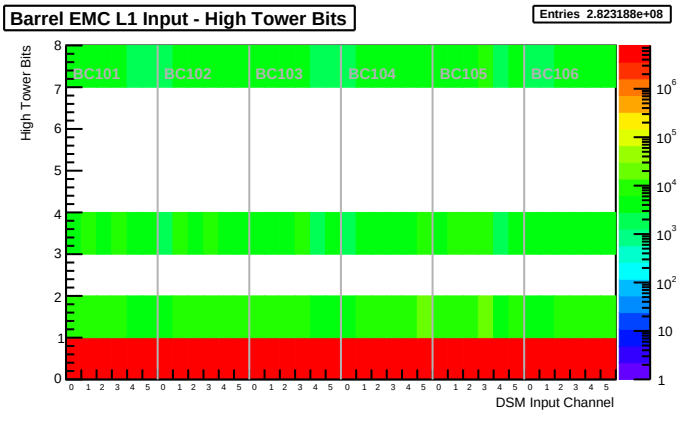

Endcap EMC L0 Input - Patch Sum
Entries 7.057971e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

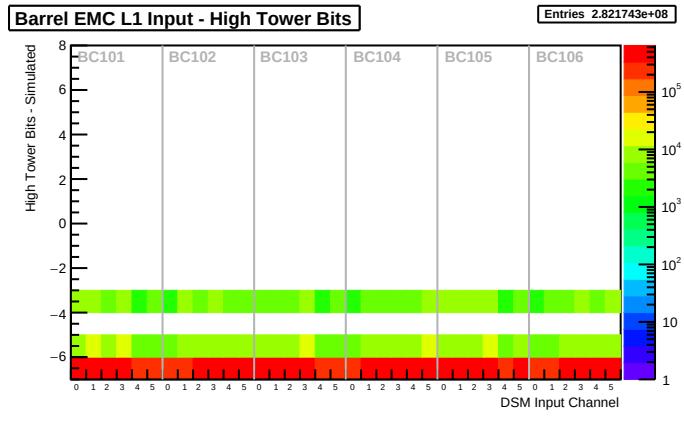

Barrel EMC L1 Input - Low Eta Sum
Entries 2.823188e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

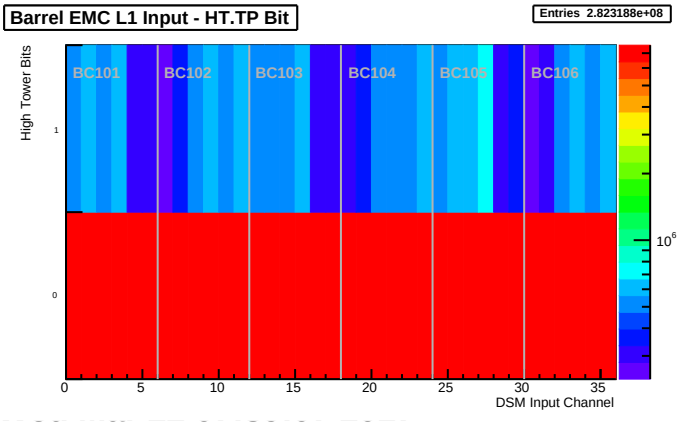

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

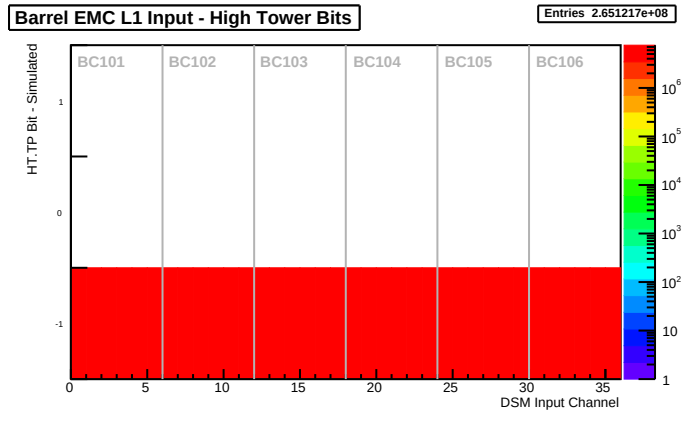

Barrel EMC L1 Input - High Eta Sum
Entries 2.823188e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

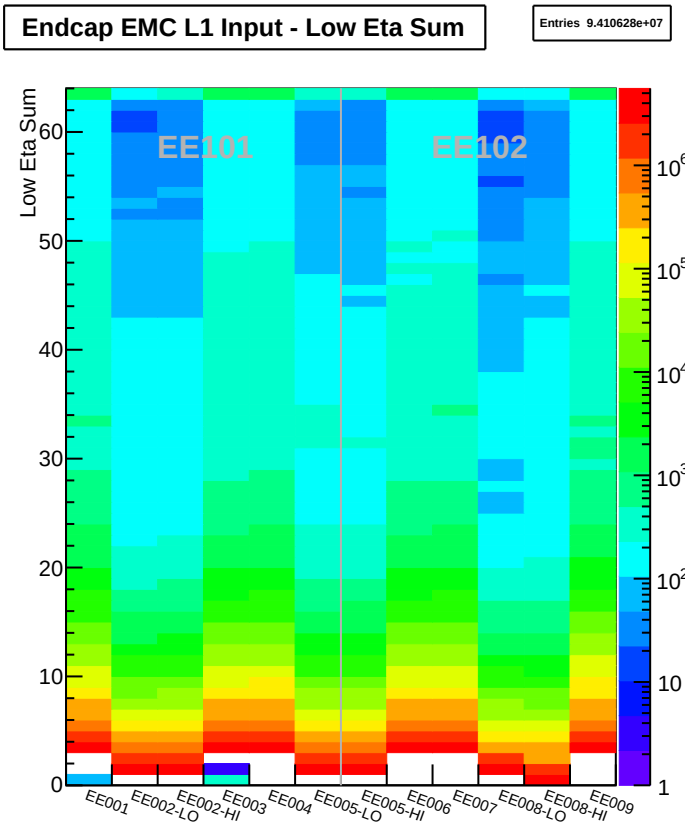

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

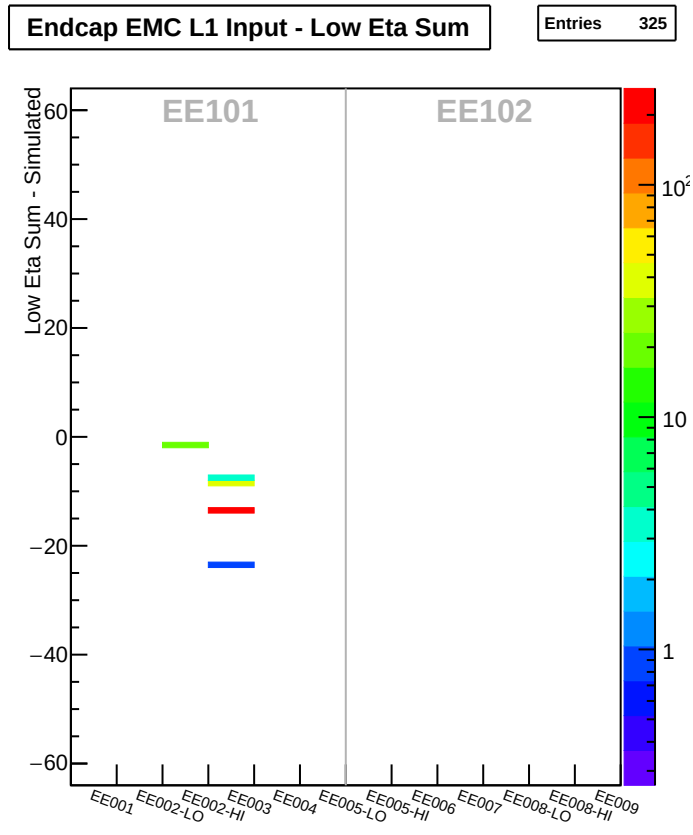

Barrel EMC L1 Input - High Tower Bits
Entries 2.823188e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

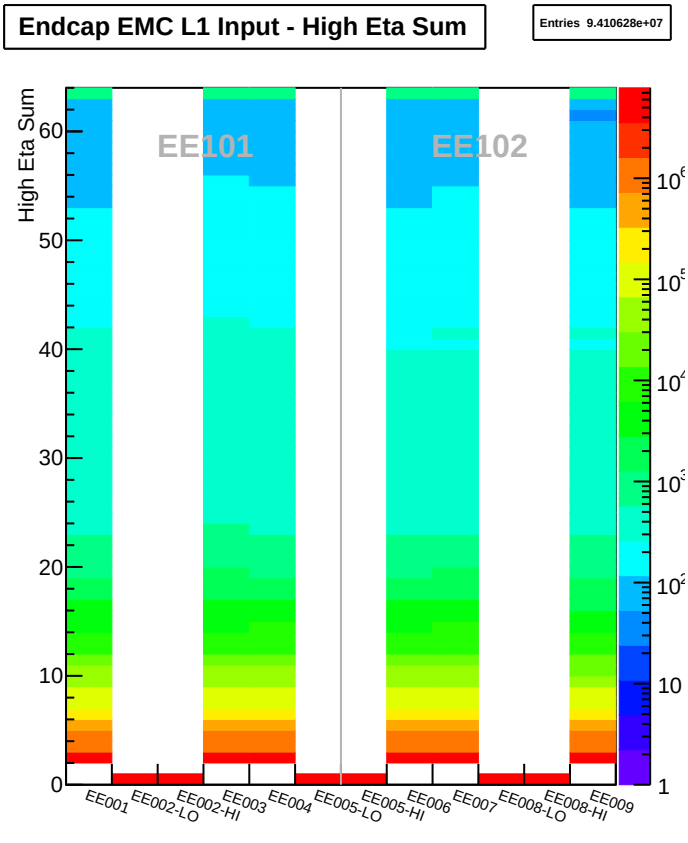

Barrel EMC L1 Input - High Tower Bits
Entries 2.821743e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

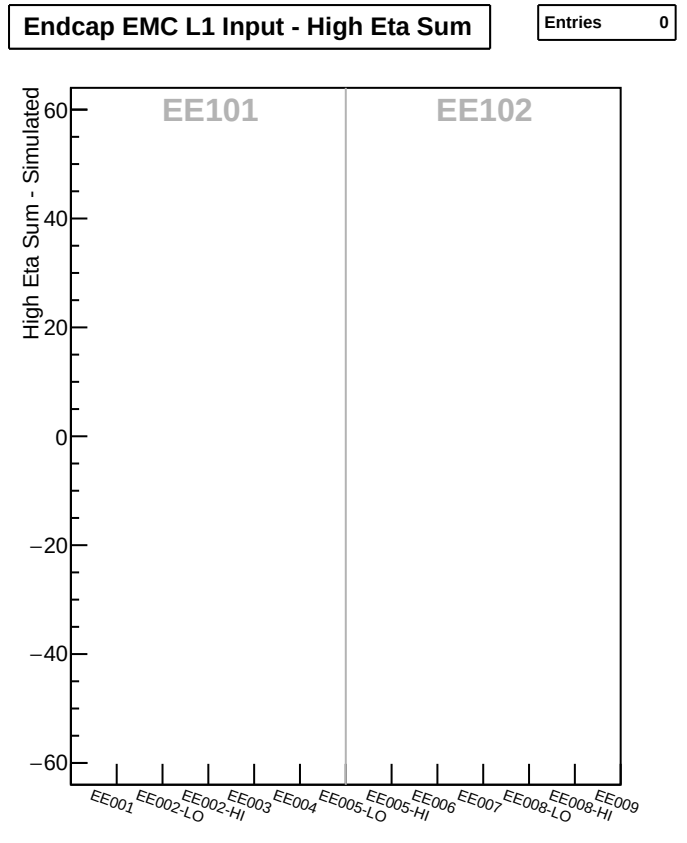

Barrel EMC L1 Input - HT.TP Bit
Entries 2.823188e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

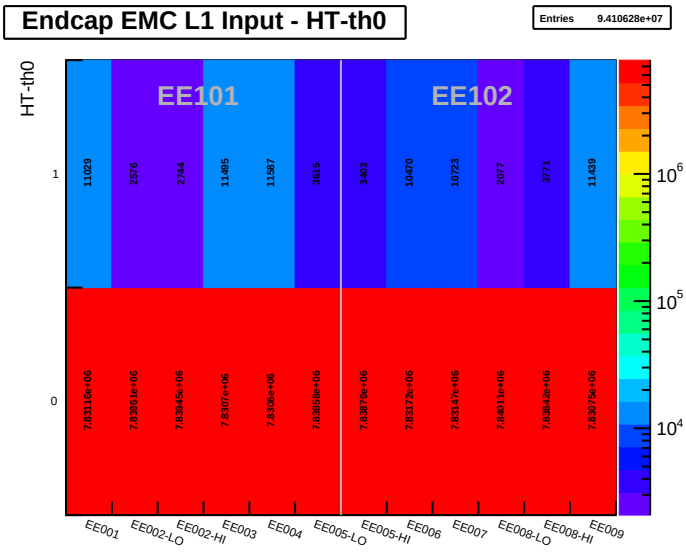

Barrel EMC L1 Input - High Tower Bits
Entries 2.651217e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

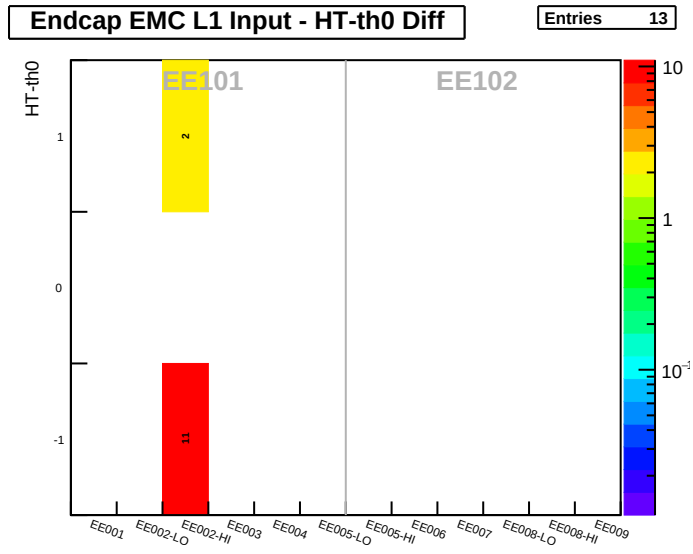

Endcap EMC L1 Input - Low Eta Sum
Entries 9.410628e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

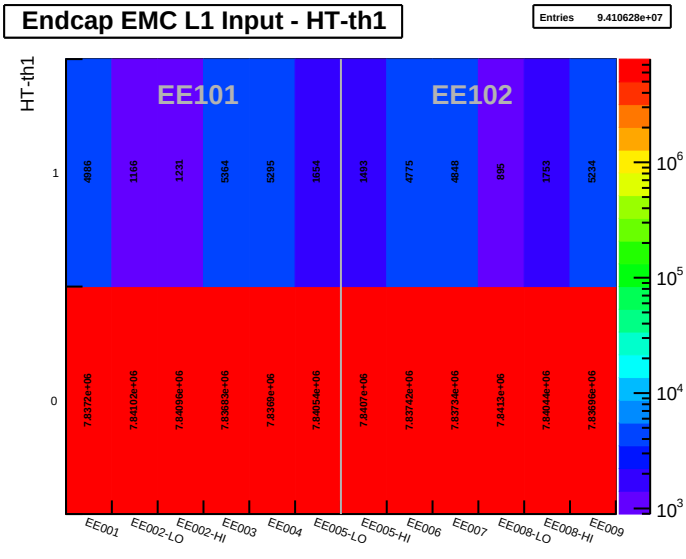

Endcap EMC L1 Input - Low Eta Sum
Entries 325
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

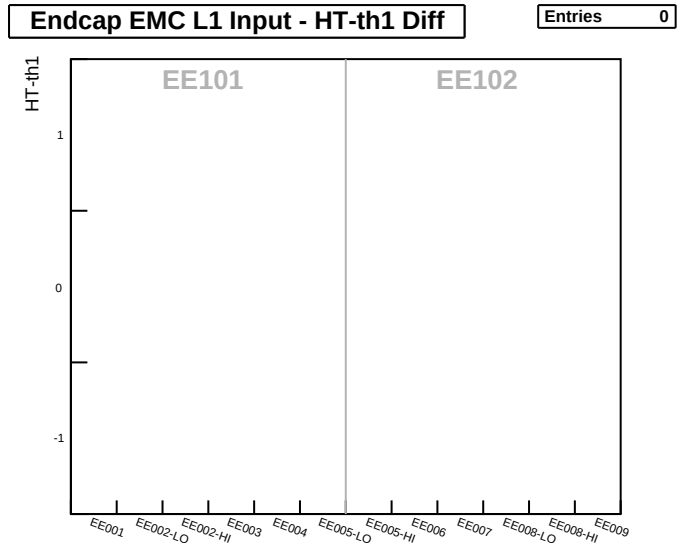

Endcap EMC L1 Input - High Eta Sum
Entries 9.410628e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

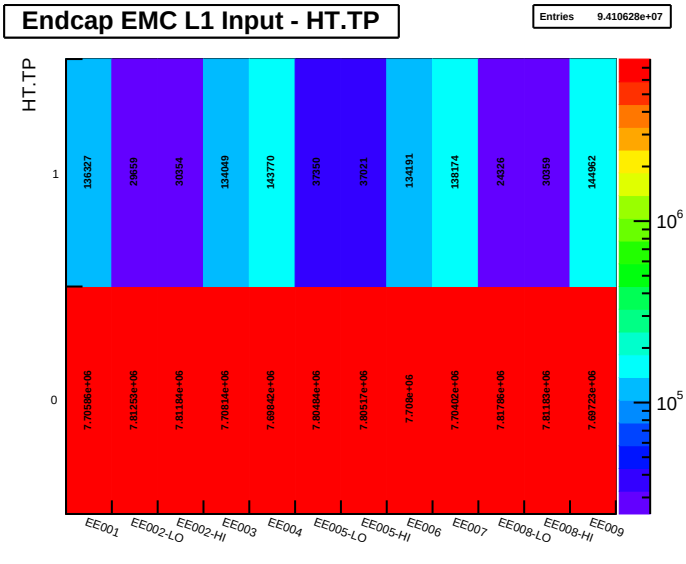

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

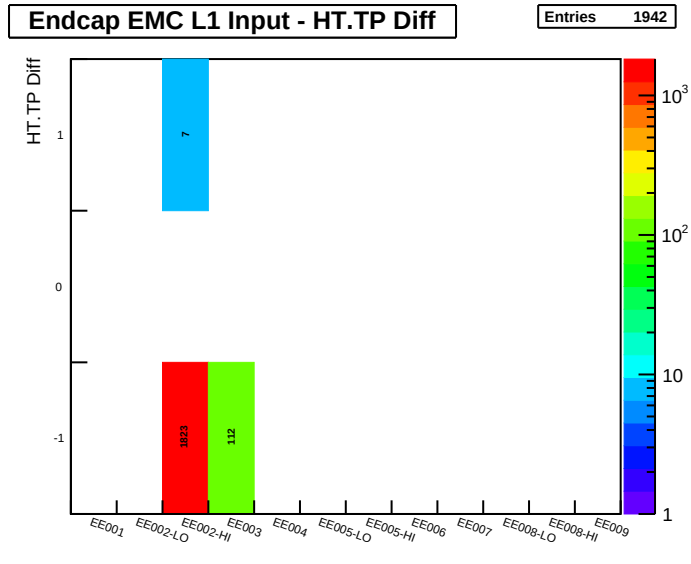

Endcap EMC L1 Input - HT-th0
Entries 9.410628e+07
HT-th0
EE101
EE102
11029 2576 2744 11495 11587 3615 3403 10470 10723 2077 3771 11439
7.83116e+06 7.83961e+06 7.83945e+06 7.8307e+06 7.8306e+06 7.83859e+06 7.83879e+06 7.83172e+06 7.83147e+06 7.84011e+06 7.83842e+06 7.83075e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

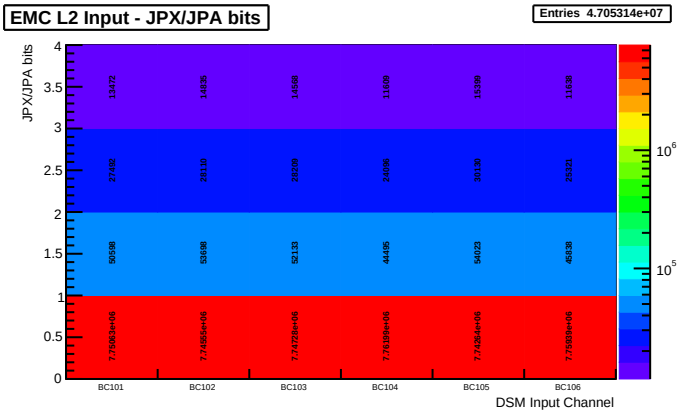

Endcap EMC L1 Input - HT-th0 Diff
Entries 13
HT-th0
EE101
EE102
2
11
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

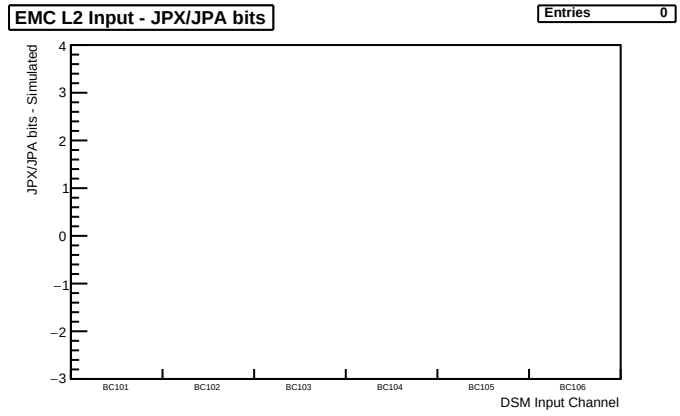

Endcap EMC L1 Input - HT-th1
Entries 9.410628e+07
HT-th1
EE101
EE102
4986 1166 1231 5364 5295 1654 1493 4775 4848 895 1753 5234
7.8372e+06 7.84102e+06 7.84096e+06 7.83683e+06 7.8369e+06 7.84054e+06 7.8407e+06 7.83742e+06 7.83734e+06 7.8413e+06 7.84044e+06 7.83696e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

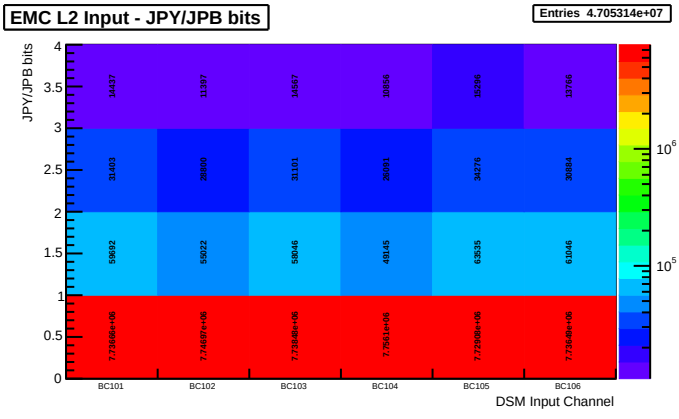

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

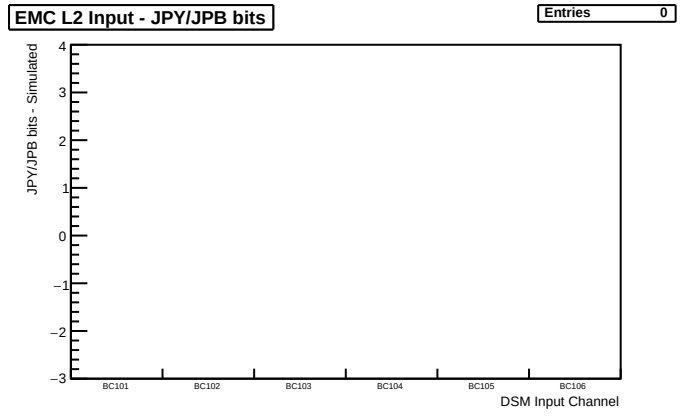

Endcap EMC L1 Input - HT.TP
Entries 9.410628e+07
HT.TP
136327 29659 30354 134049 143770 37350 37021 134191 138174 24326 30359 144962
7.70586e+06 7.81253e+06 7.81184e+06 7.70814e+06 7.69842e+06 7.80494e+06 7.80517e+06 7.708e+06 7.70402e+06 7.81786e+06 7.81183e+06 7.69723e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

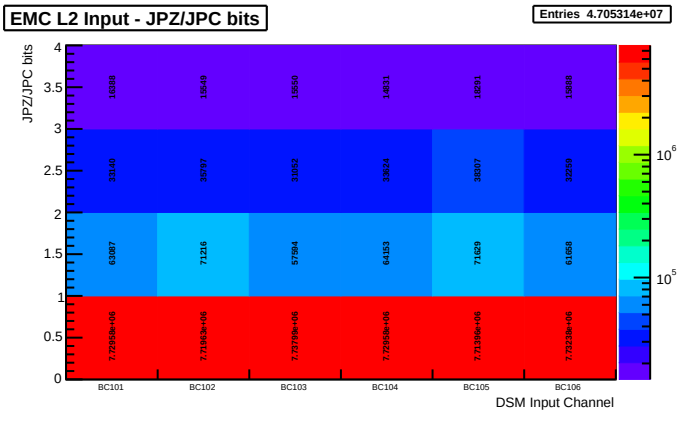

Endcap EMC L1 Input - HT.TP Diff
Entries 1942
HT.TP Diff
7
1823
112
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

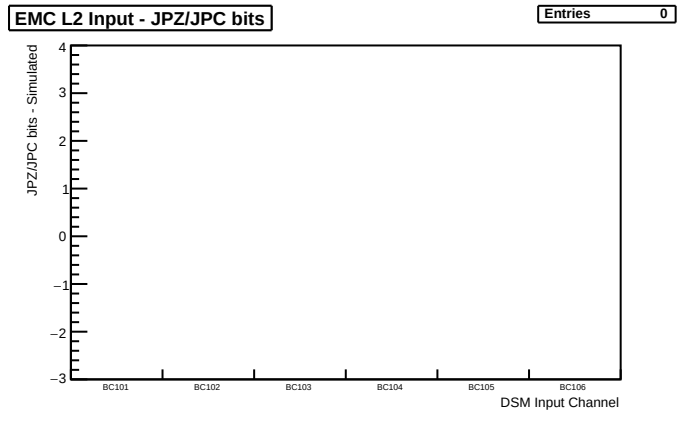

EMC L2 Input - JPX/JPA bits
Entries 4.705314e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13472
14835
14568
11609
15339
11638
27482
28110
28209
24096
30130
26321
50598
53698
52133
44495
54023
45938
7.75063e+06
7.74955e+06
7.74728e+06
7.76159e+06
7.74264e+06
7.75919e+06

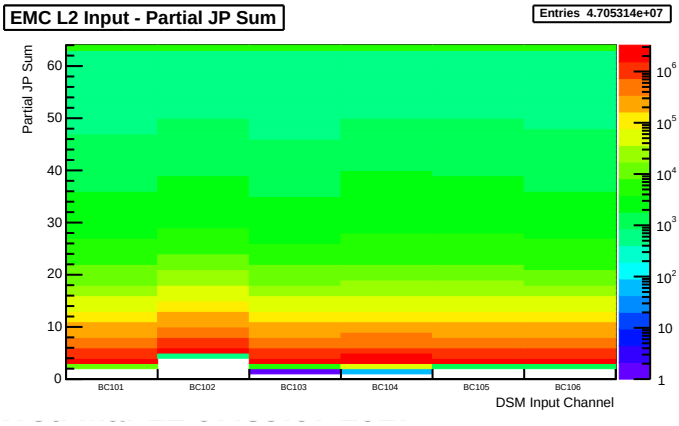

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

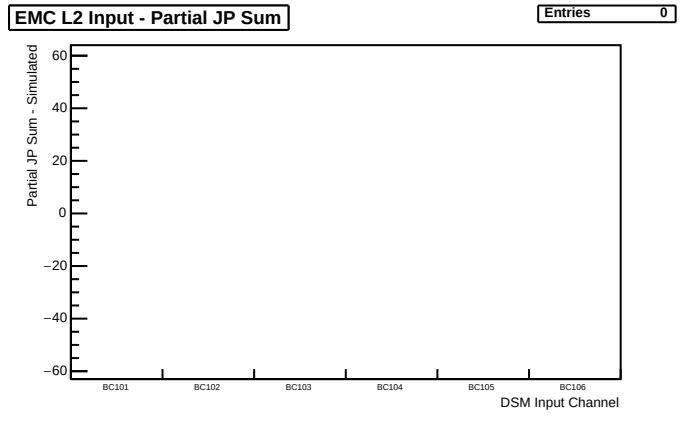

EMC L2 Input - JPY/JPB bits
Entries 4.705314e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14437
11397
14567
10856
15296
13766
31403
28800
31101
26091
34276
30884
56692
59922
58046
49145
63835
61046
7.73166e+06
7.74697e+06
7.73348e+06
7.75611e+06
7.72308e+06
7.73540e+06

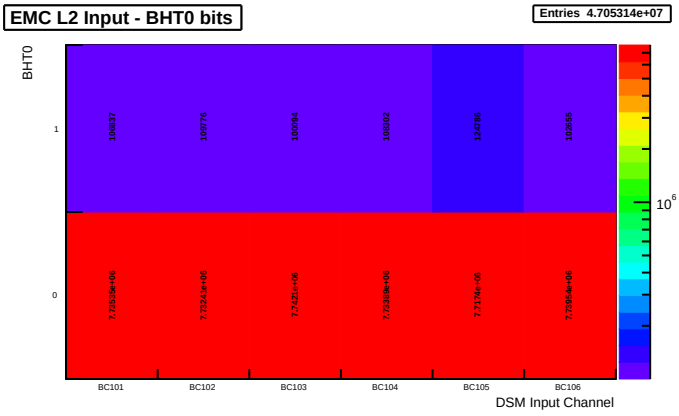

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

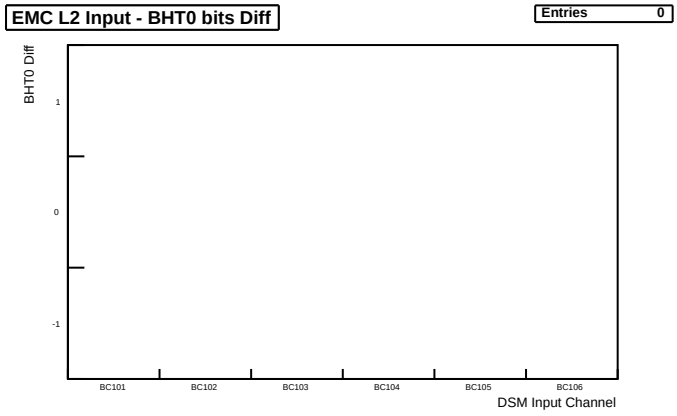

EMC L2 Input - JPZ/JPC bits
Entries 4.705314e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
16388
15549
15550
14631
18491
15588
33140
35397
33652
33824
38307
32259
63087
71216
57394
64153
71629
61658
7.72958e+06
7.71953e+06
7.73799e+06
7.72959e+06
7.71395e+06
7.73239e+06

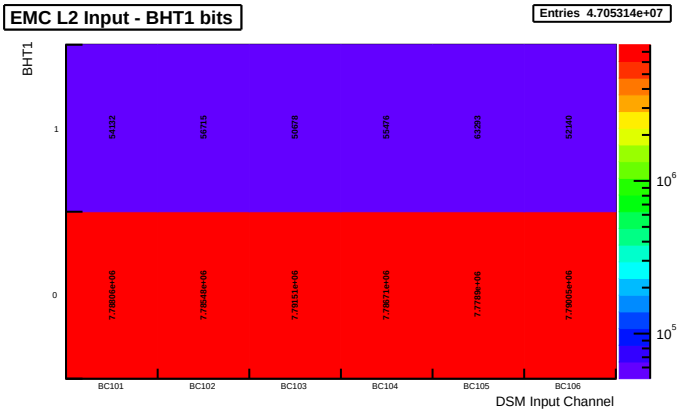

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

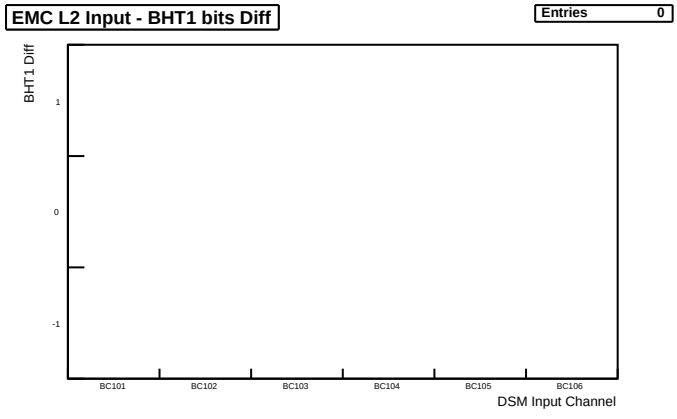

EMC L2 Input - Partial JP Sum
Entries 4.705314e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

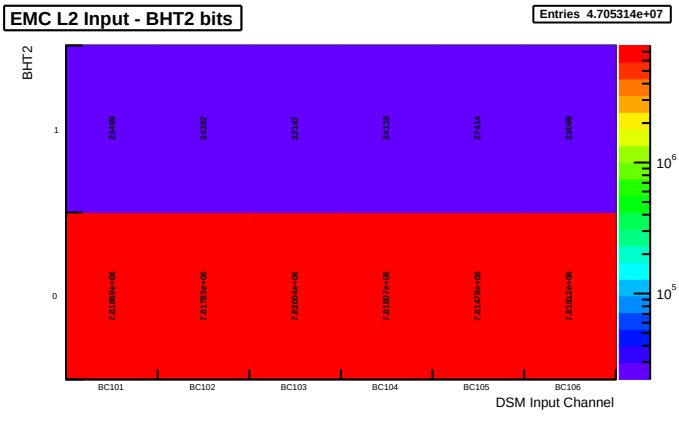

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

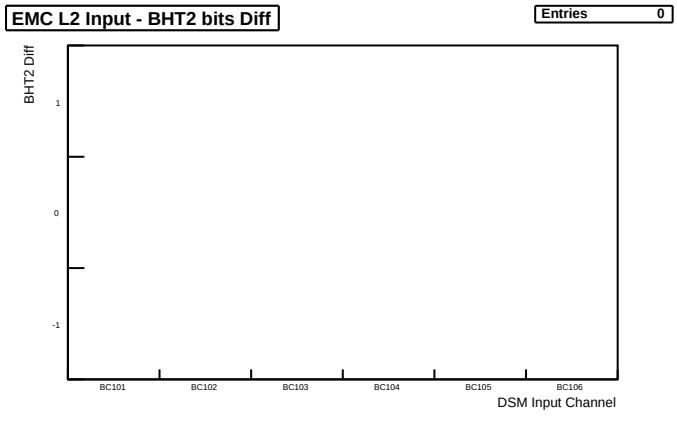

EMC L2 Input - BHT0 bits
Entries 4.705314e+07
BHT0
1
0
106837
109776
100094
108202
124786
102655
7.73539e+06
7.73249e+06
7.7421e+06
7.73389e+06
7.71724e+06
7.73054e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

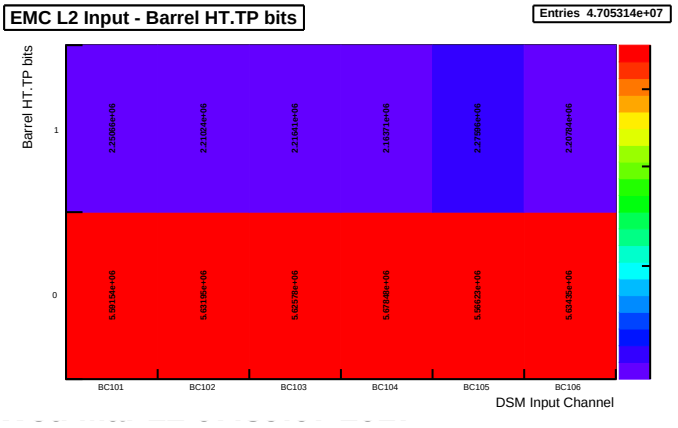

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

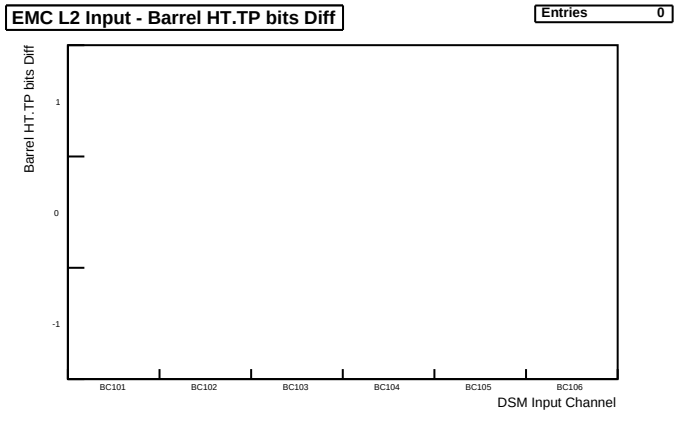

EMC L2 Input - BHT1 bits
Entries 4.705314e+07
BHT1
1
0
54132
55715
50678
55476
63253
52140
7.78306e+06
7.78549e+06
7.78151e+06
7.78671e+06
7.7789e+06
7.79005e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

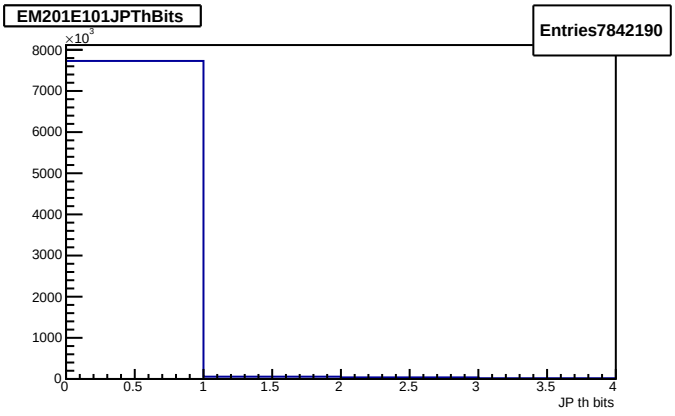

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

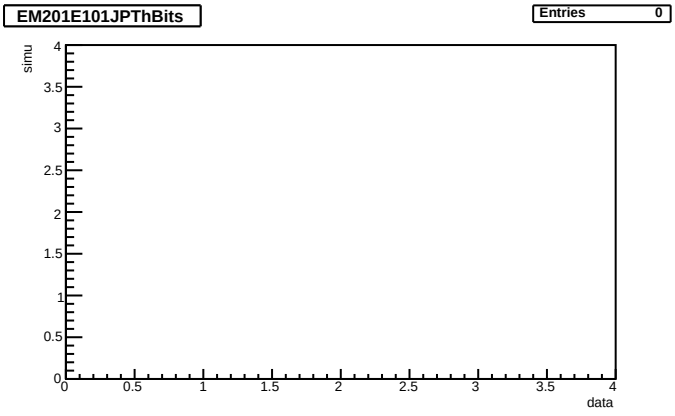

EMC L2 Input - BHT2 bits
Entries 4.705314e+07
BHT2
1
0
23489
24357
22147
24119
27414
23069
7.81839e+06
7.81753e+06
7.82004e+06
7.81857e+06
7.81478e+06
7.81912e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

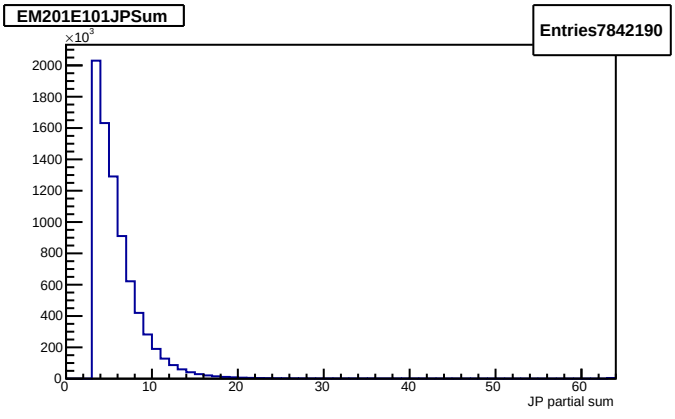

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

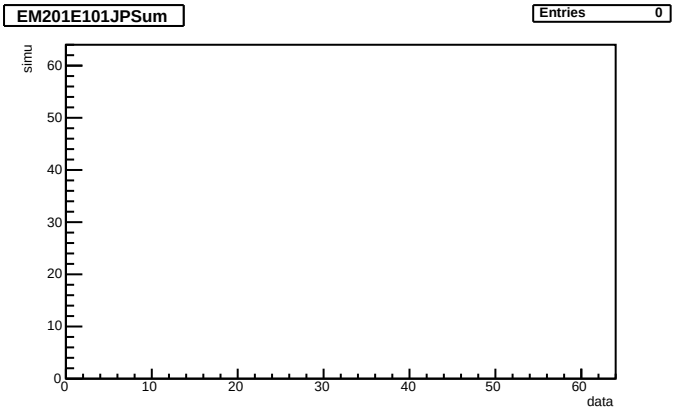

EMC L2 Input - Barrel HT.TP bits
Entries 4.705314e+07
Barrel HT.TP bits
1
0
2.23066e+06
2.21024e+06
2.21641e+06
2.16371e+06
2.27396e+06
2.20784e+06
5.59154e+06
5.63195e+06
5.62578e+06
5.67848e+06
5.56622e+06
5.62435e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

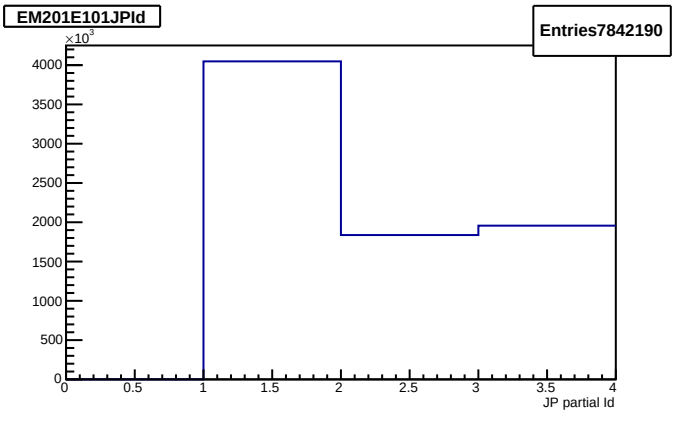

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

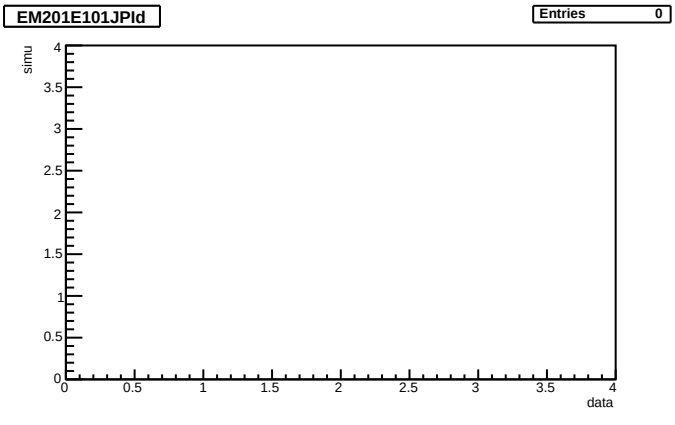

EM201E101JPThBits
Entries7842190
×10^3
JP th bits

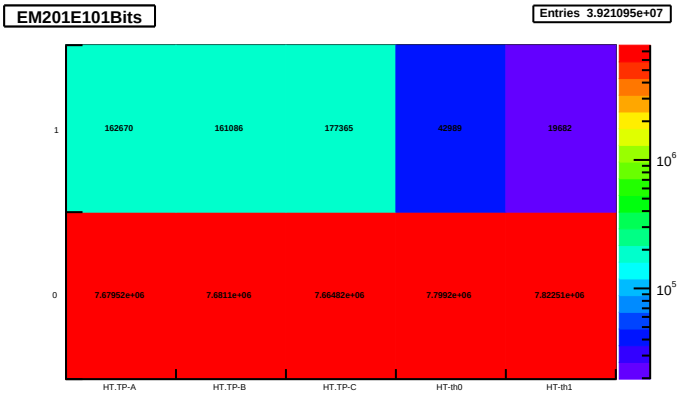

EM201E101JPThBits
Entries 0
simu
data

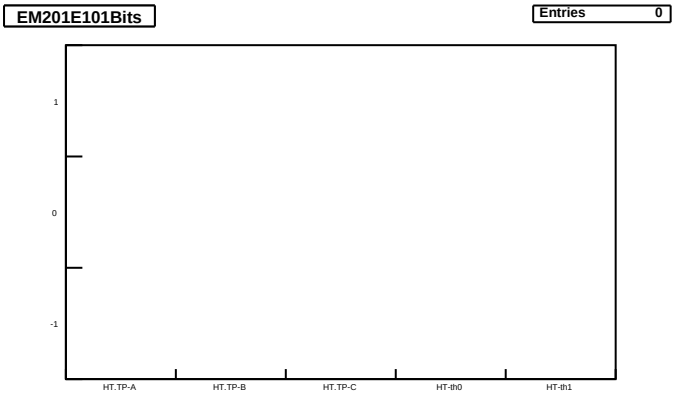

EM201E101JPSum
Entries7842190
×10^3
JP partial sum

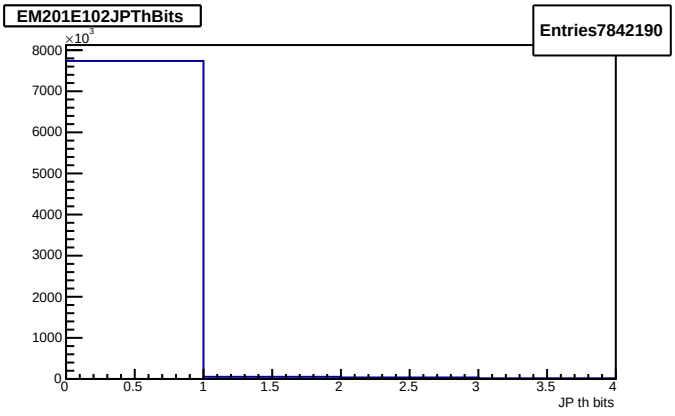

EM201E101JPSum
Entries 0
simu
data

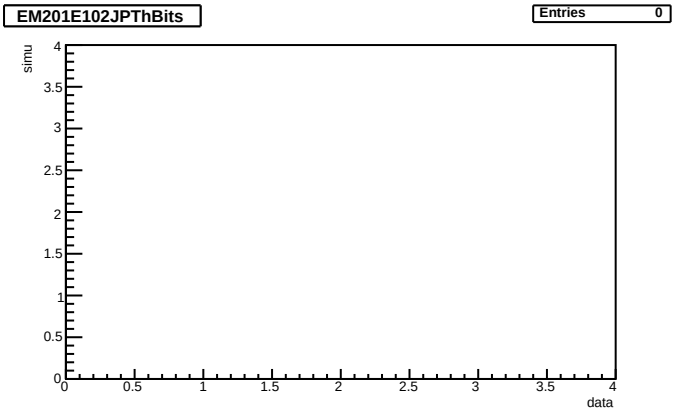

EM201E101JPId
Entries7842190
×10^3
JP partial Id

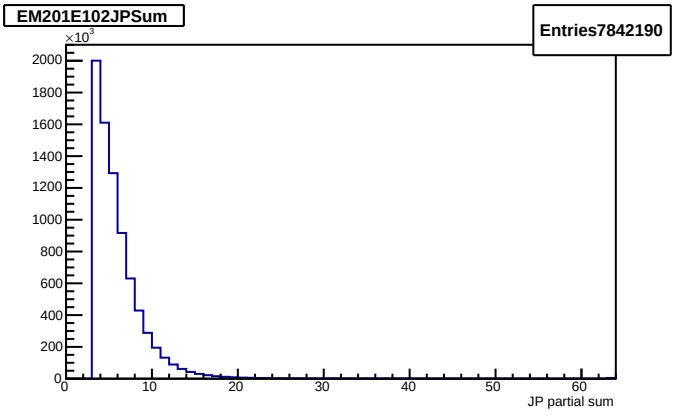

EM201E101JPId
Entries 0
simu
data

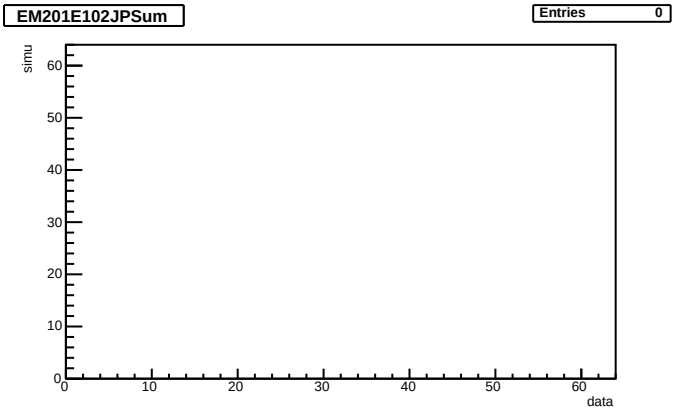

EM201E101Bits
Entries 3.921095e+07
162670
161086
177365
42989
19682
7.67952e+06
7.6811e+06
7.66482e+06
7.7992e+06
7.82251e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

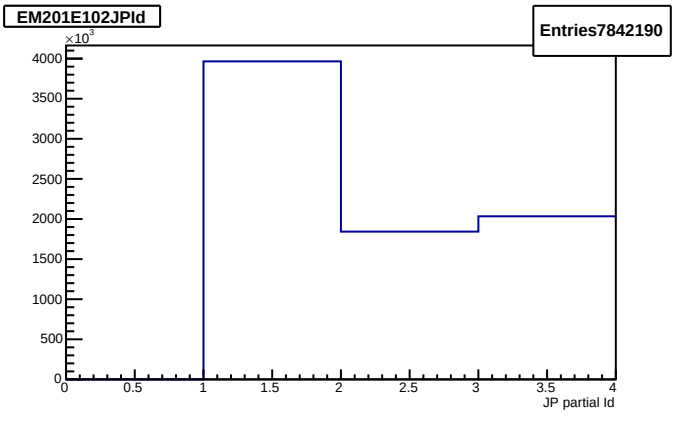

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

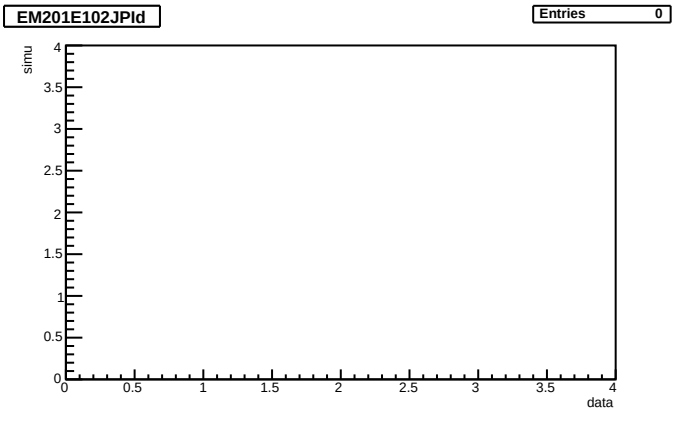

EM201E102JPThBits
Entries7842190
×10^3
JP th bits

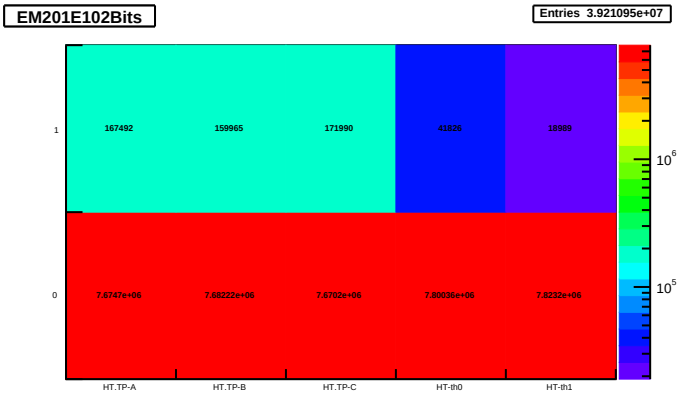

EM201E102JPThBits
Entries 0
simu
data

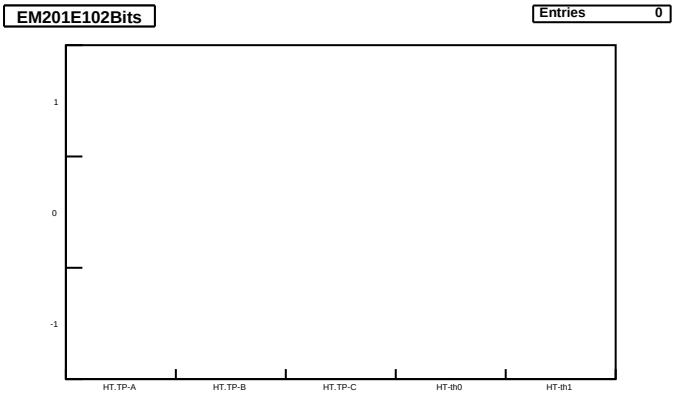

EM201E102JPSum
Entries7842190
×10^3
JP partial sum

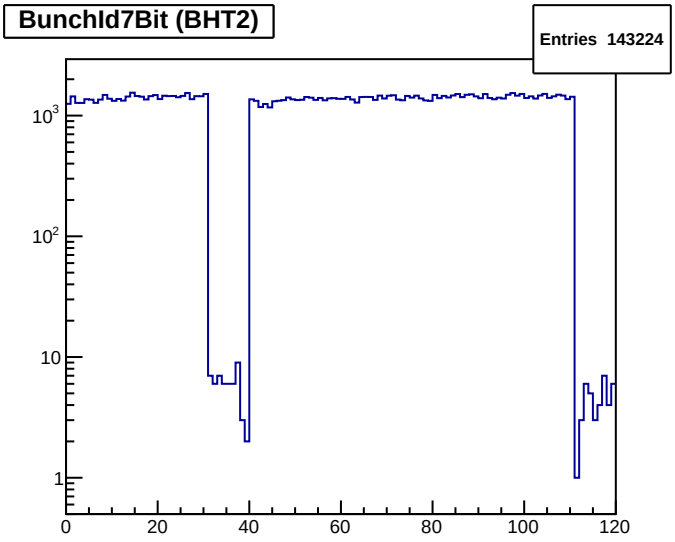

EM201E102JPSum
Entries 0
simu
data

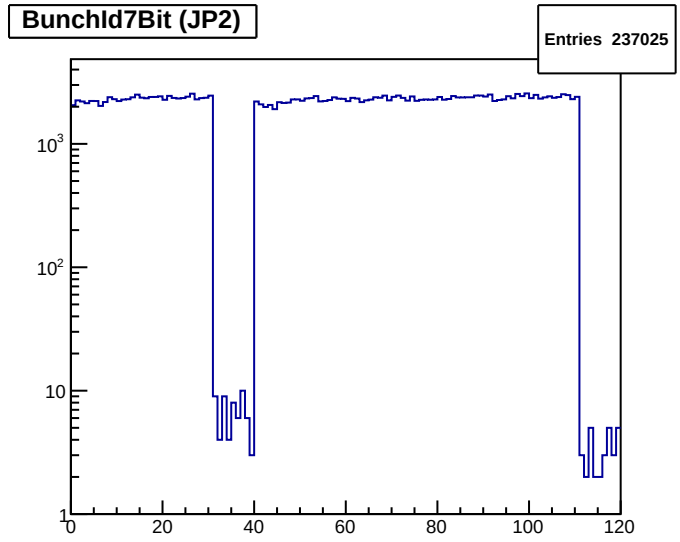

EM201E102JPId
Entries7842190
×10^3
JP partial Id

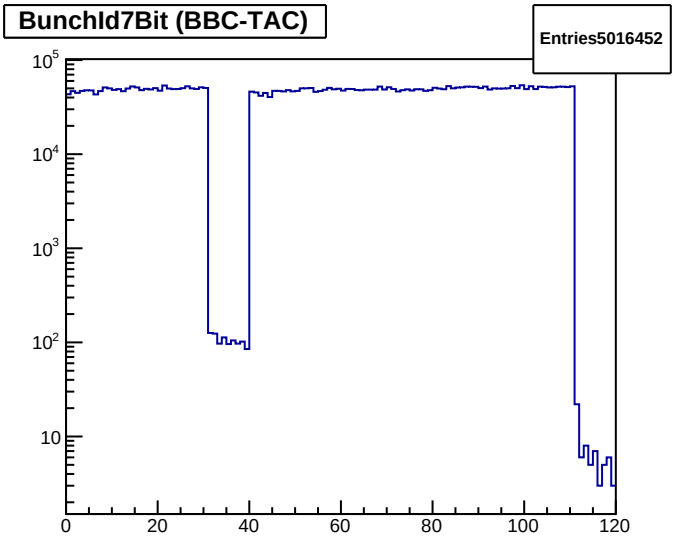

EM201E102JPId
Entries 0
simu
data

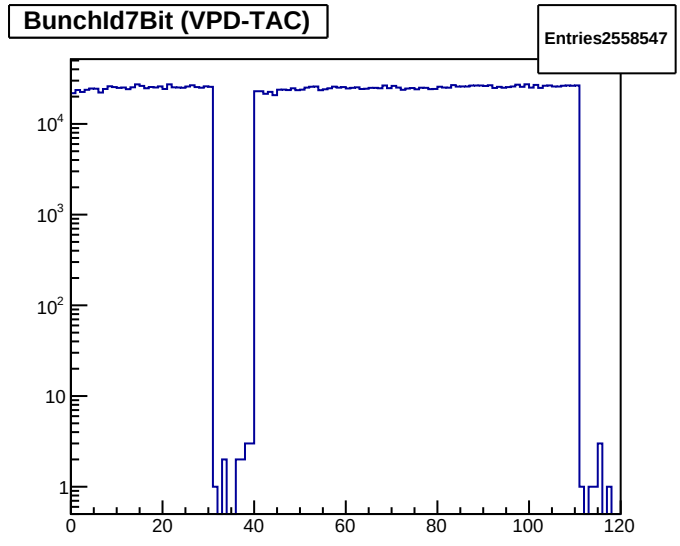

EM201E102Bits
Entries 3.921095e+07
167492
159965
171990
41826
18983
7.6747e+06
7.68222e+06
7.6702e+06
7.80036e+06
7.8232e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

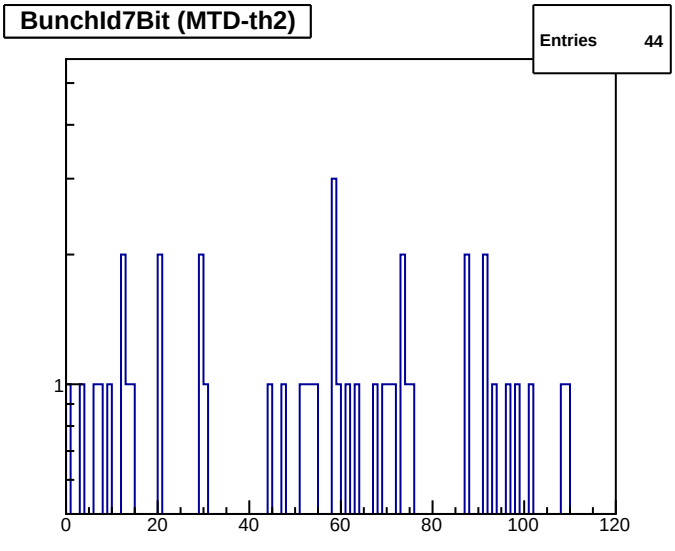

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

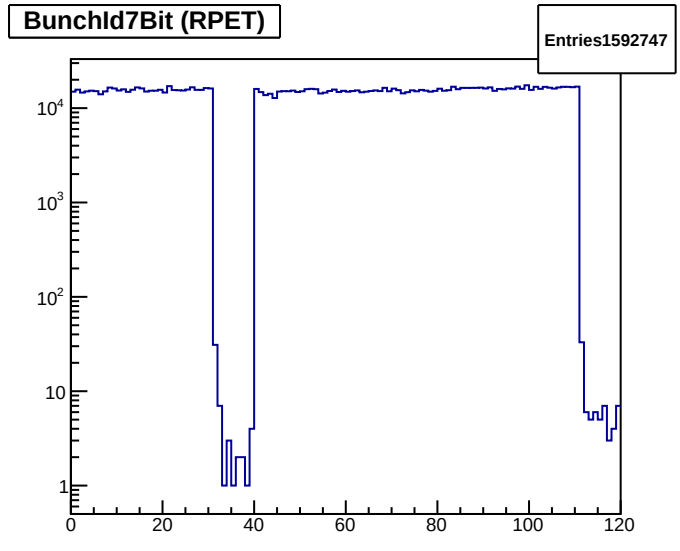

BunchId7Bit (BHT2)
Entries 143224

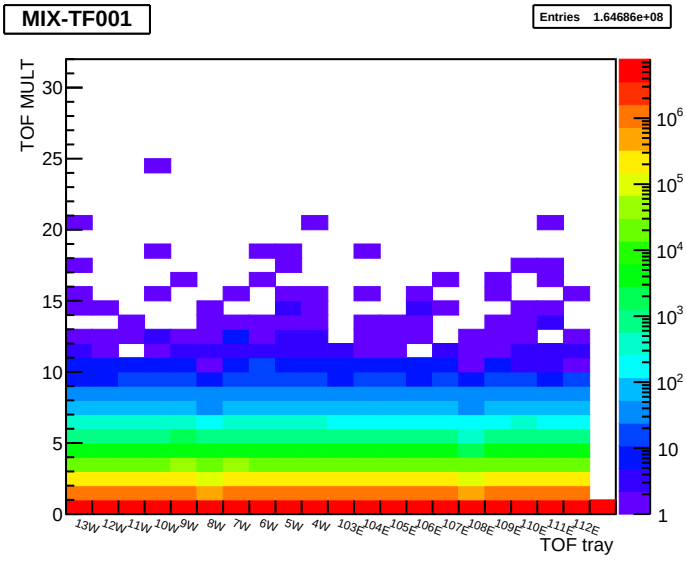

BunchId7Bit (JP2)
Entries 237025

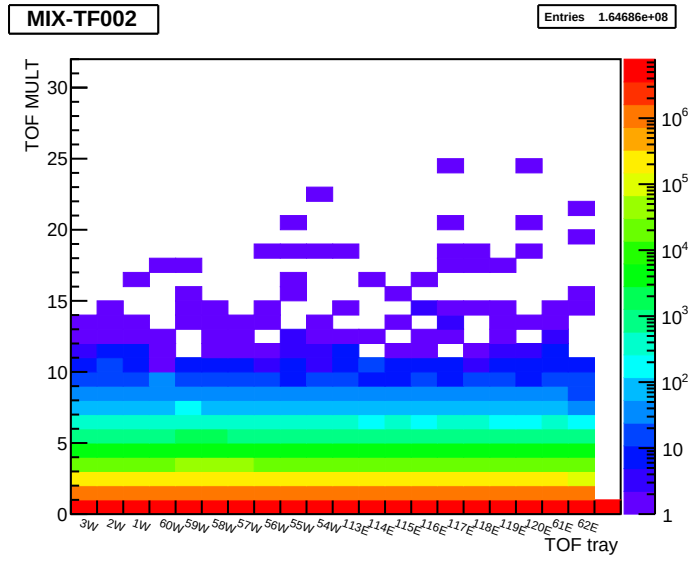

BunchId7Bit (BBC-TAC)
Entries5016452

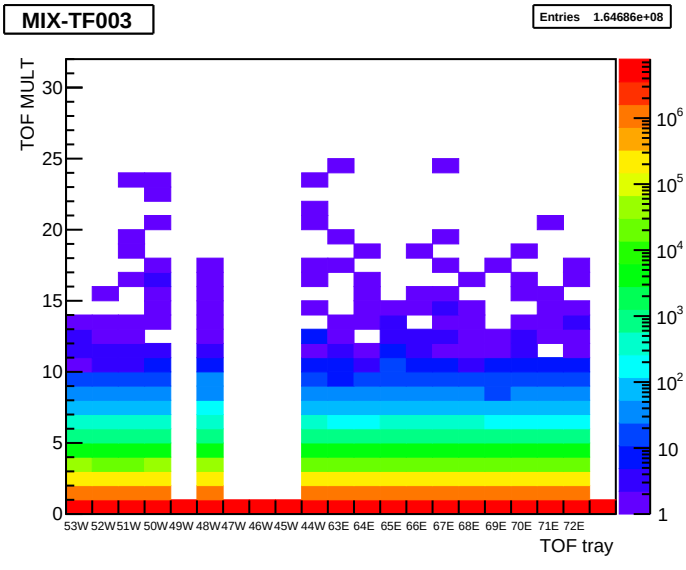

BunchId7Bit (VPD-TAC)
Entries2558547

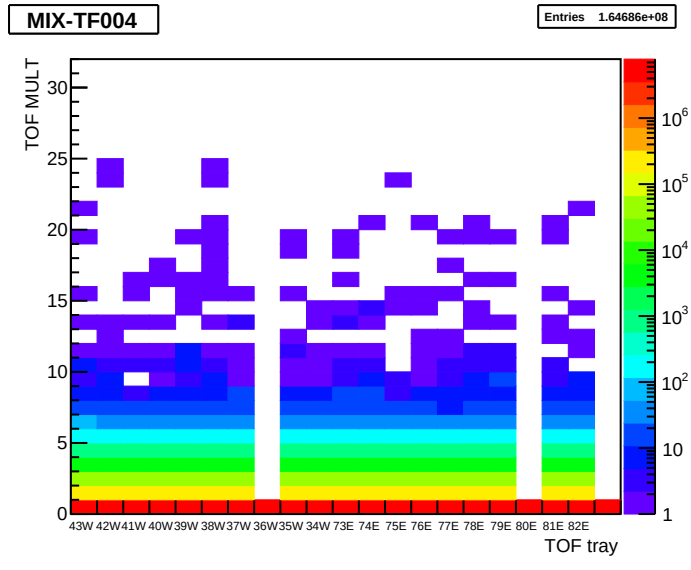

BunchId7Bit (MTD-th2)
Entries 44

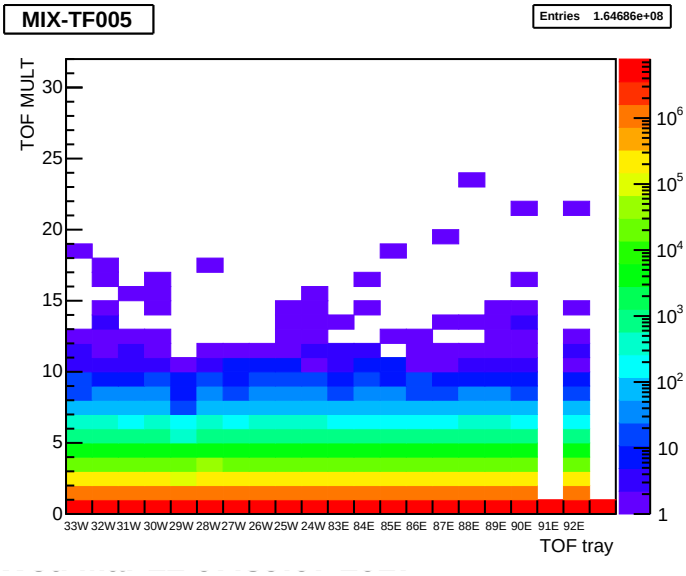

BunchId7Bit (RPET)
Entries1592747

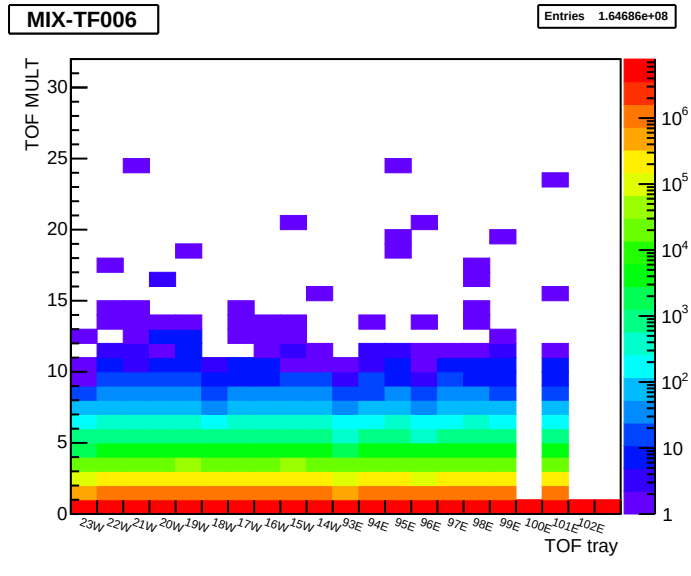

MIX-TF001
Entries 1.64686e+08
TOF MULT
TOF tray

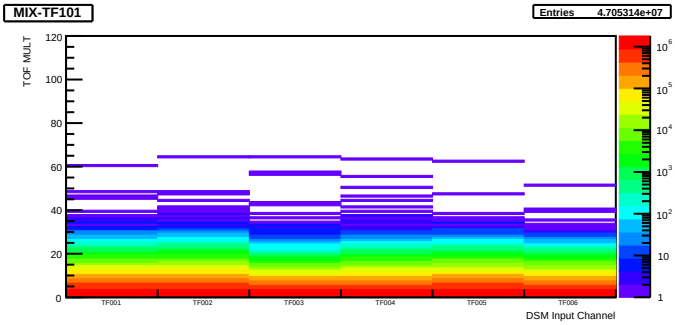

MIX-TF002
Entries 1.64686e+08
TOF MULT
TOF tray

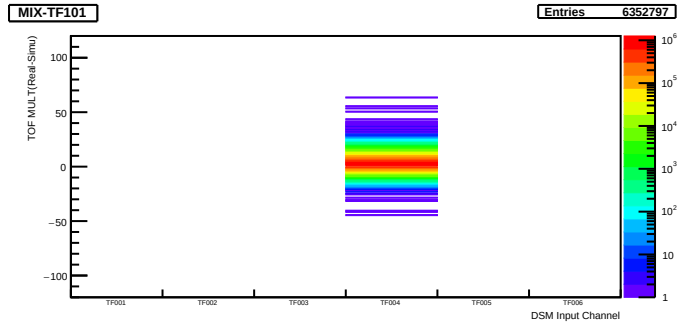

MIX-TF003
Entries 1.64686e+08
TOF MULT
TOF tray

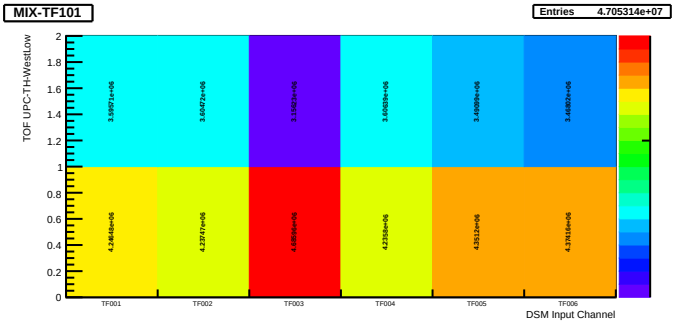

MIX-TF004
Entries 1.64686e+08
TOF MULT
TOF tray

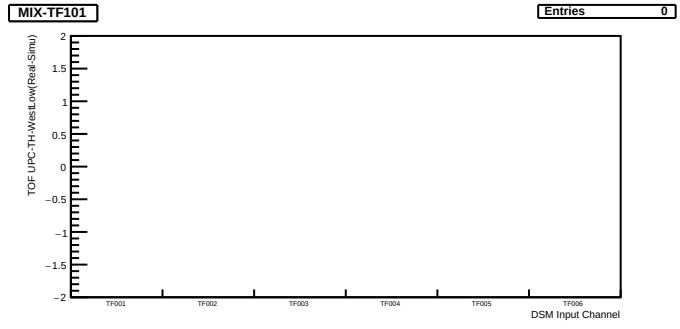

MIX-TF005
Entries 1.64686e+08
TOF MULT
TOF tray

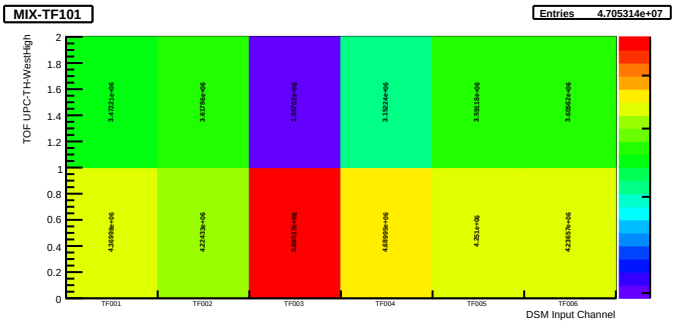

MIX-TF006
Entries 1.64686e+08
TOF MULT
TOF tray

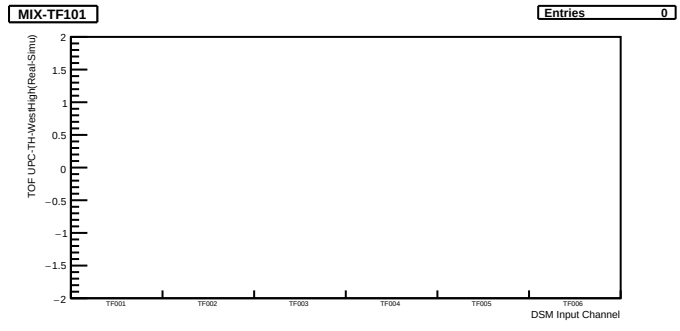

MIX-TF101
Entries 4.705314e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

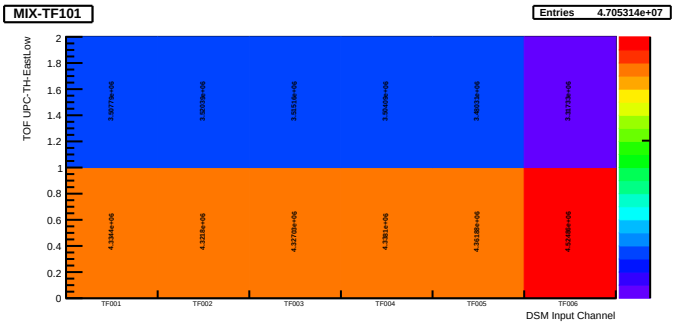

MIX-TF101
Entries 6352797
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

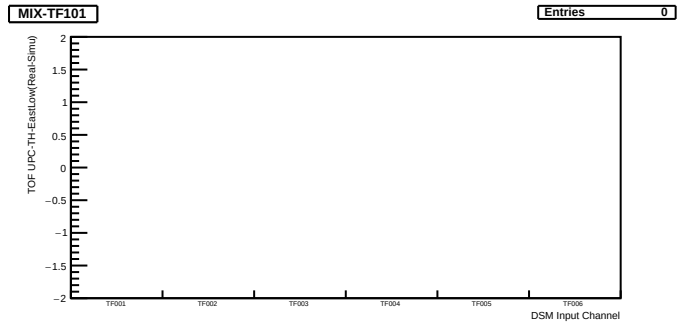

MIX-TF101
Entries 4.705314e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

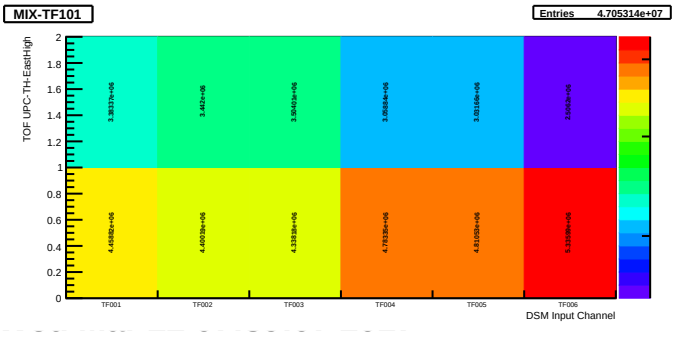

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

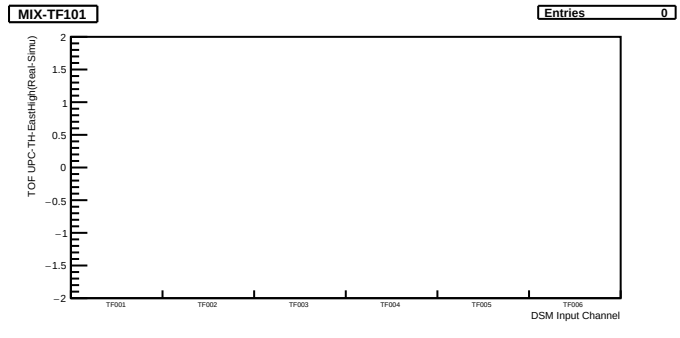

MIX-TF101
Entries 4.705314e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

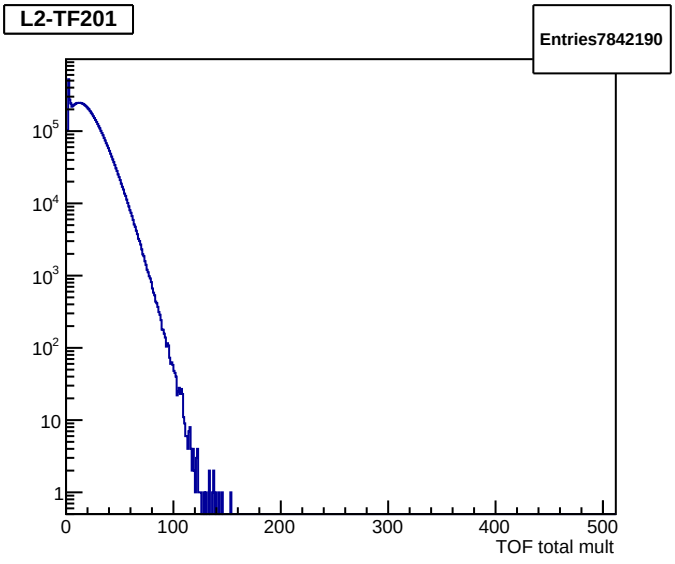

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

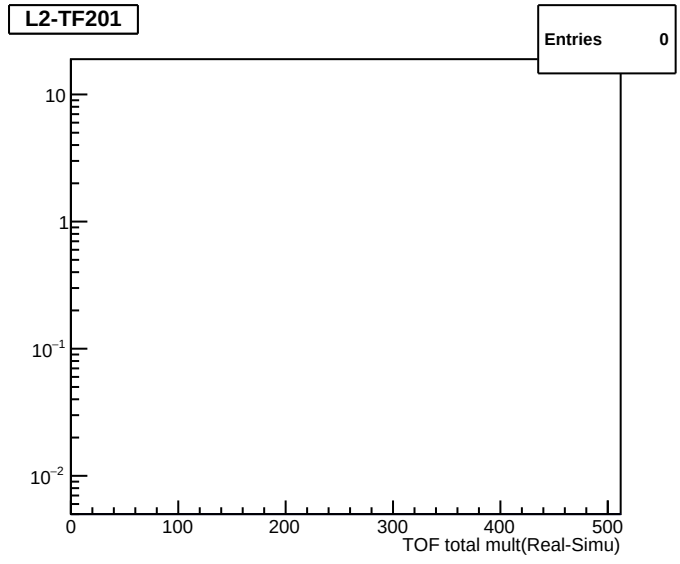

MIX-TF101
Entries 4.705314e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

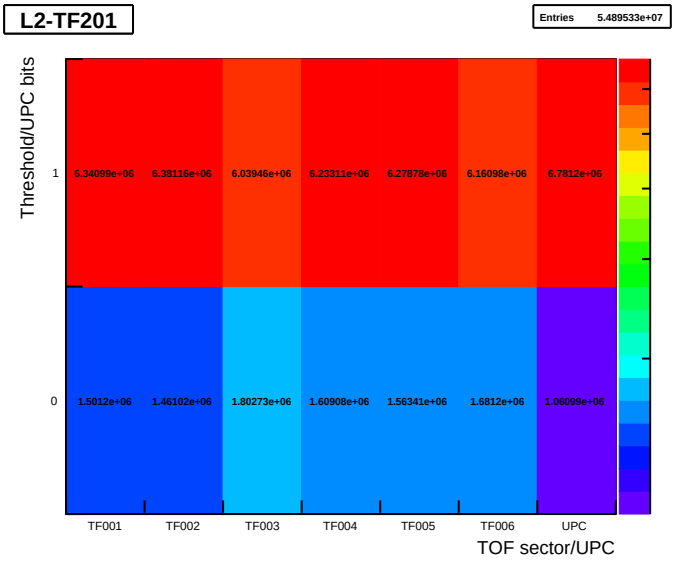

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

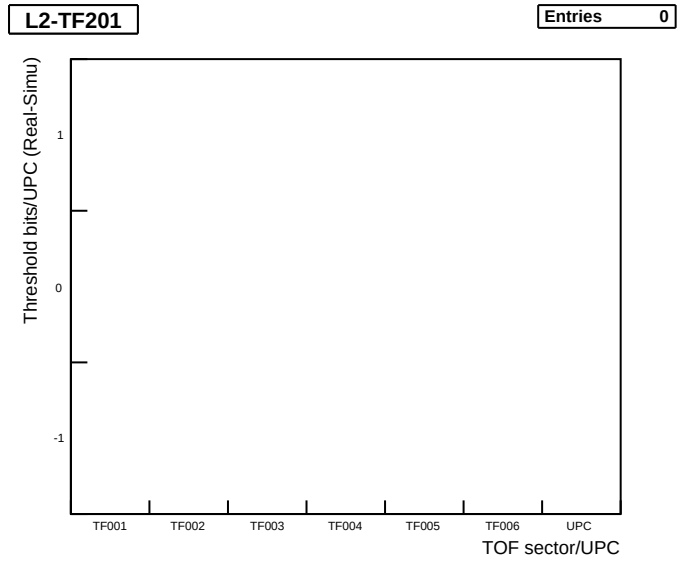

MIX-TF101
Entries 4.705314e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

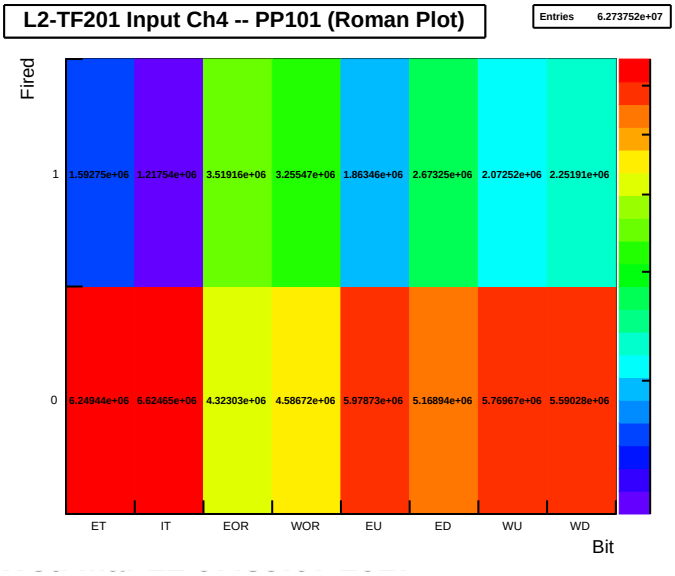

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

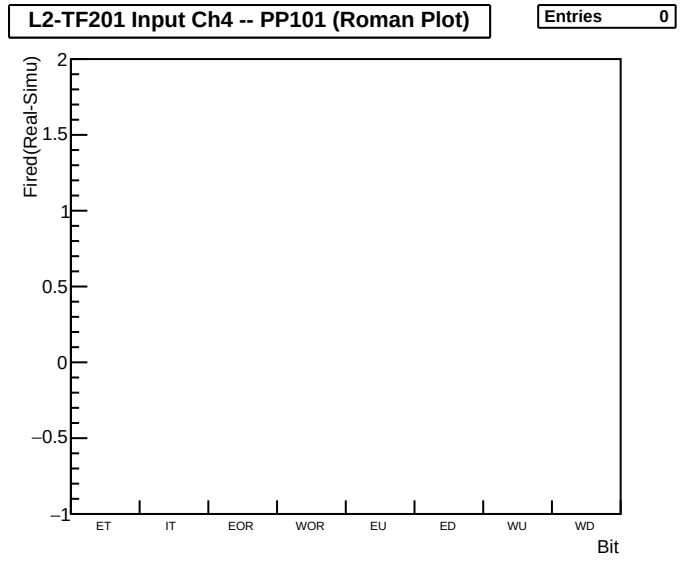

L2-TF201
Entries7842190
TOF total mult

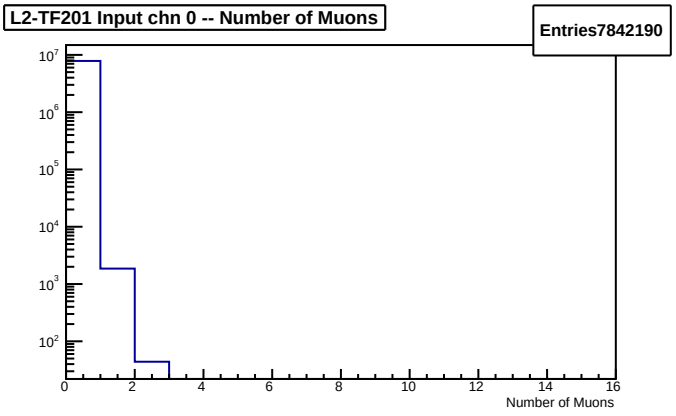

L2-TF201
Entries 0
TOF total mult(Real-Simu)

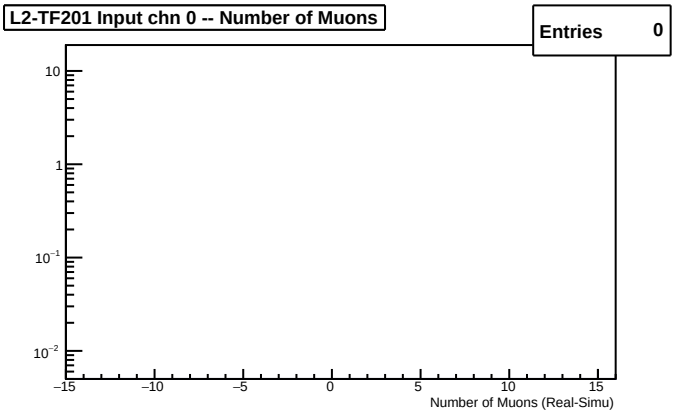

L2-TF201
Entries 5.489533e+07
Threshold/UPC bits
6.34099e+06
6.38116e+06
6.03946e+06
6.23311e+06
6.27878e+06
6.16098e+06
6.7812e+06
1.5012e+06
1.46102e+06
1.80273e+06
1.60908e+06
1.56341e+06
1.6812e+06
1.06099e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

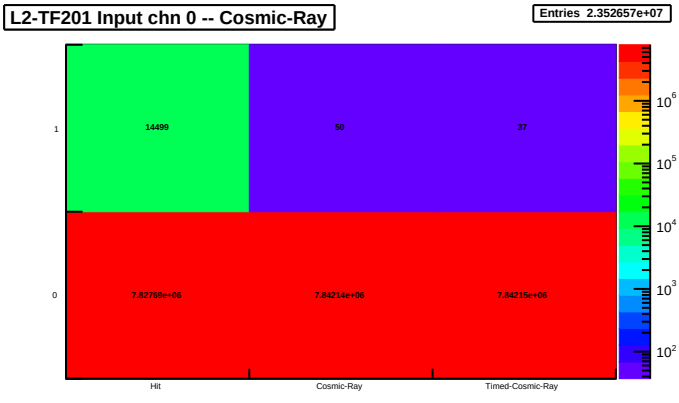

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

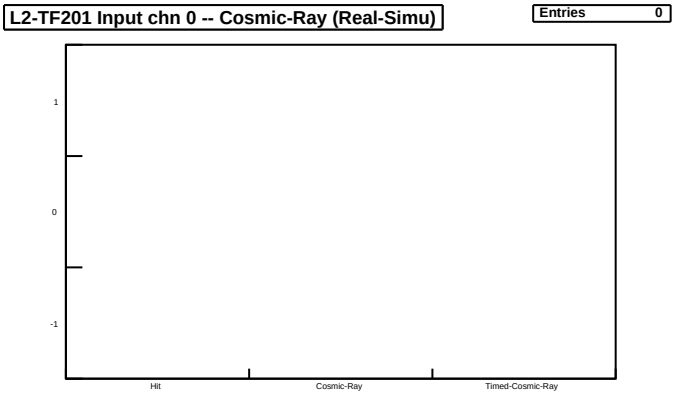

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6.273752e+07
Fired
1.59275e+06
1.21754e+06
3.51916e+06
3.25547e+06
1.86346e+06
2.67325e+06
2.07252e+06
2.25191e+06
6.24944e+06
6.62465e+06
4.32303e+06
4.58672e+06
5.97873e+06
5.16894e+06
5.76967e+06
5.59028e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

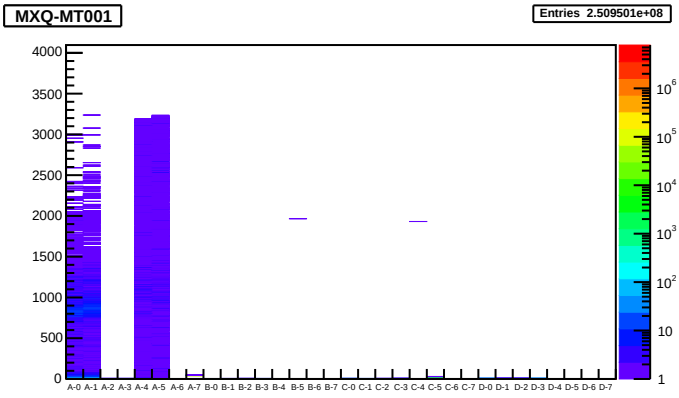

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

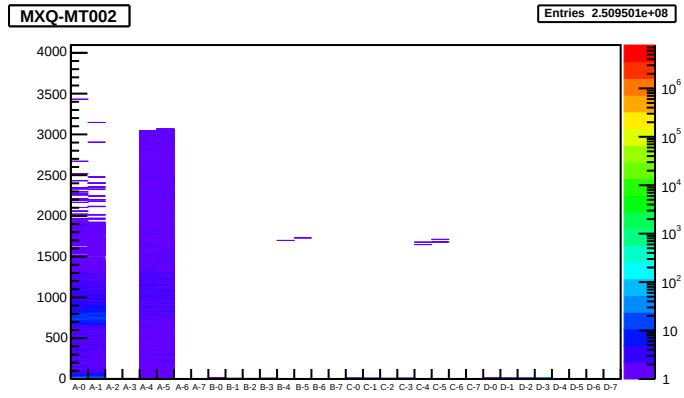

L2-TF201 Input chn 0 -- Number of Muons
Entries7842190
Number of Muons

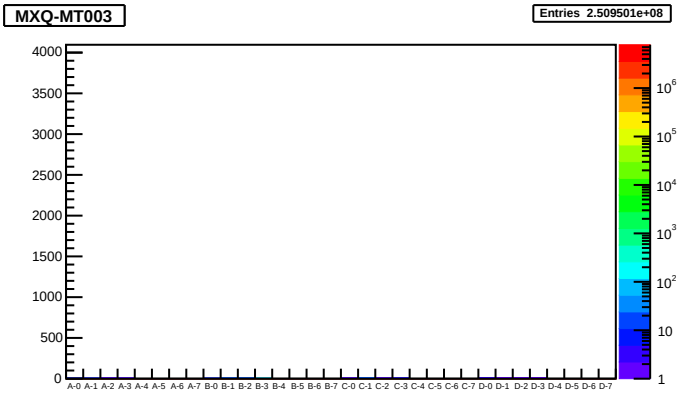

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

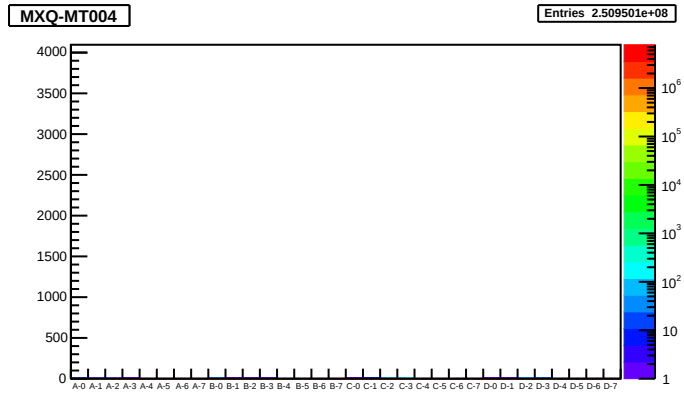

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.352657e+07
14499
50
37
7.82769e+06
7.84214e+06
7.84215e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

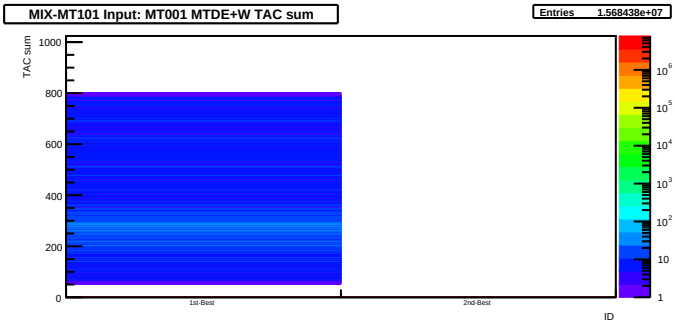

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

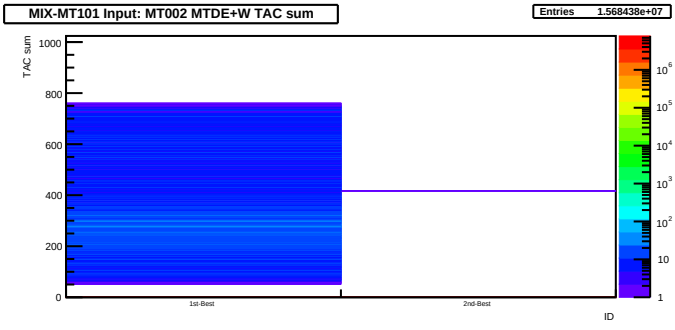

MXQ-MT001
Entries 2.509501e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

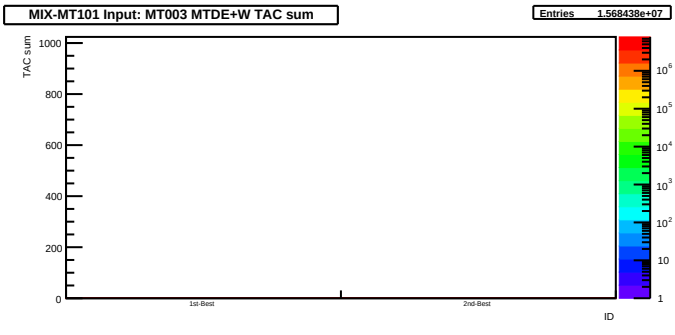

MXQ-MT002
Entries 2.509501e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

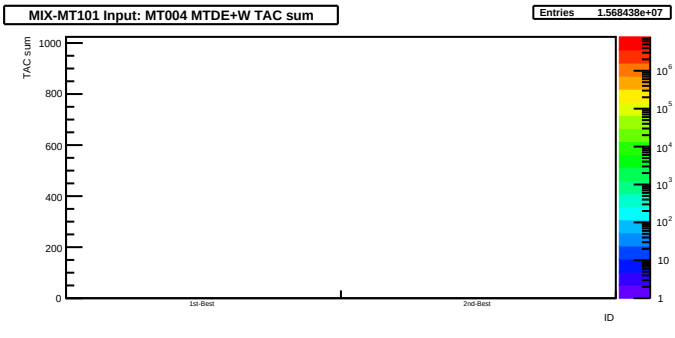

MXQ-MT003
Entries 2.509501e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

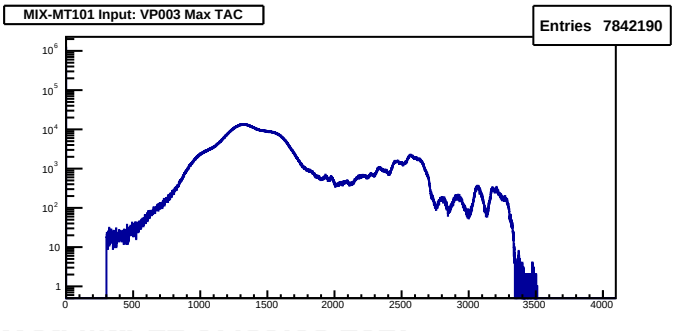

MXQ-MT004
Entries 2.509501e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

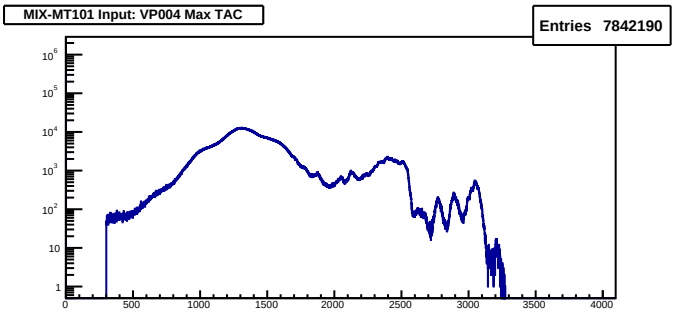

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.568438e+07
TAC sum
1st-Best
2nd-Best
ID

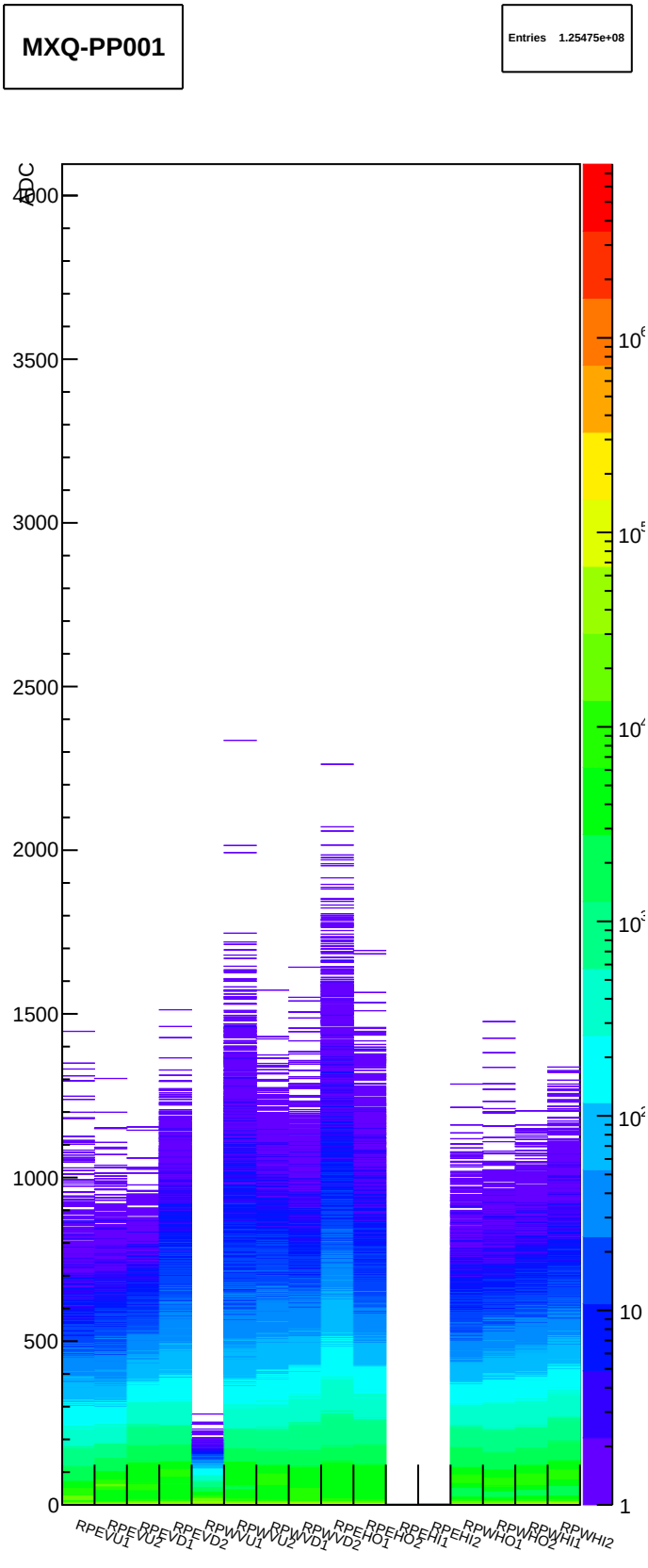

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.568438e+07
TAC sum
1st-Best
2nd-Best
ID

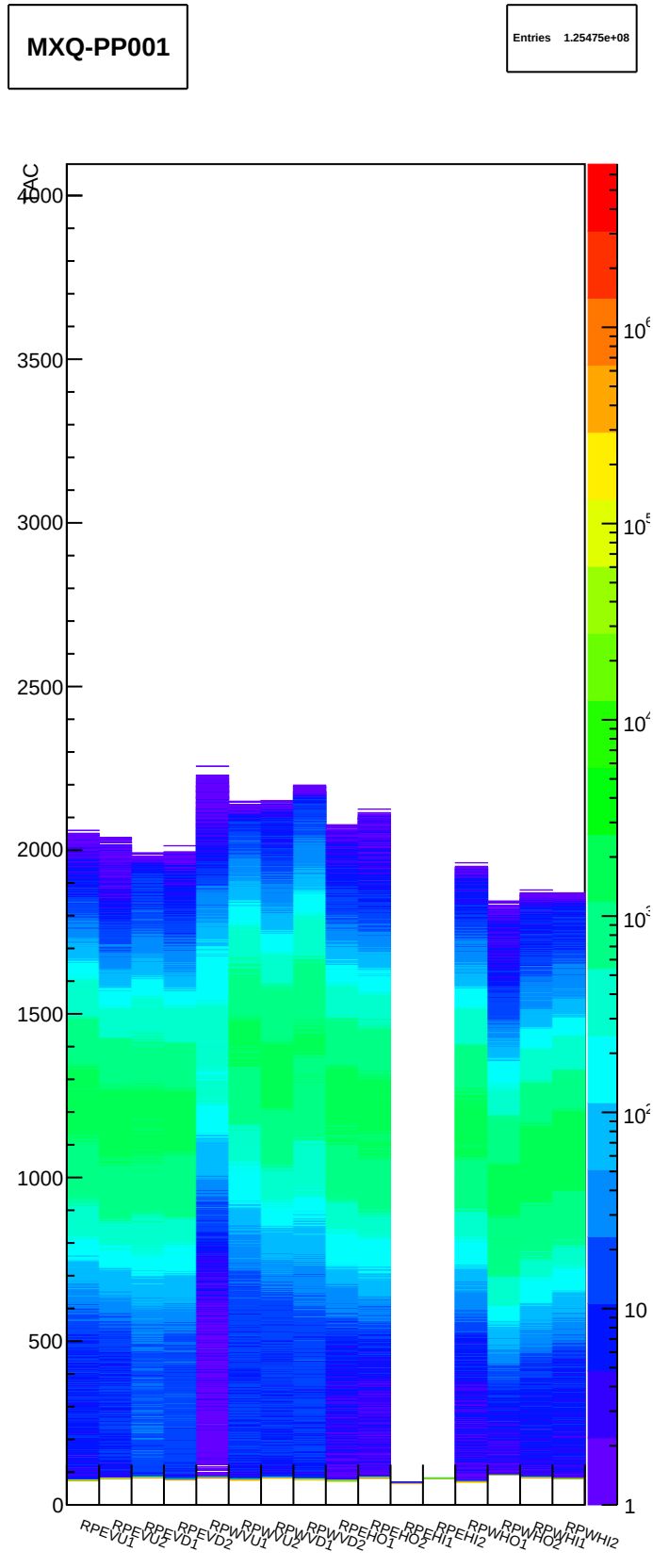

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.568438e+07
TAC sum
1st-Best
2nd-Best
ID

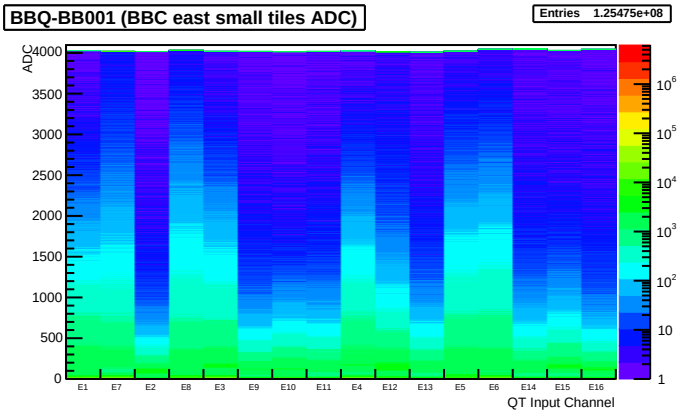

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.568438e+07
TAC sum
1st-Best
2nd-Best
ID

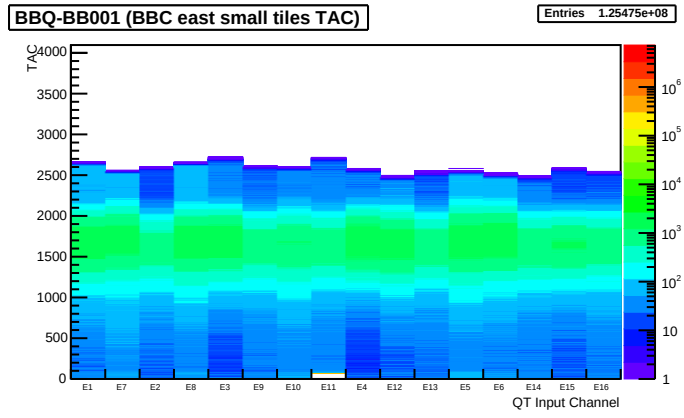

MIX-MT101 Input: VP003 Max TAC
Entries 7842190

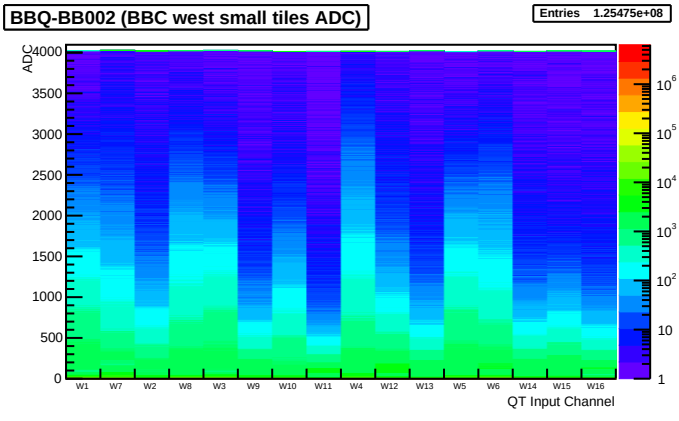

MIX-MT101 Input: VP004 Max TAC
Entries 7842190

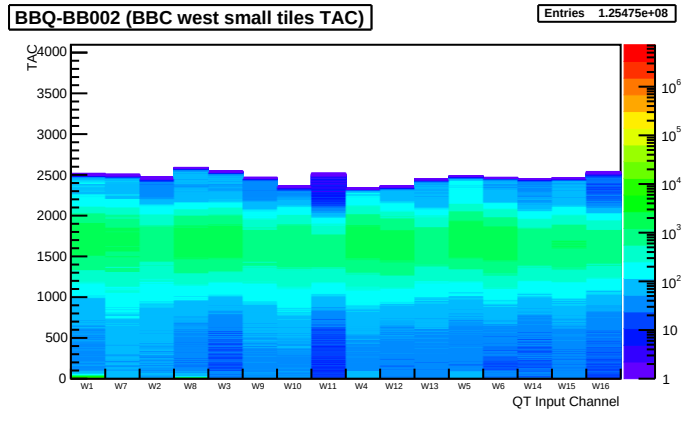

MXQ-PP001
Entries 1.25475e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

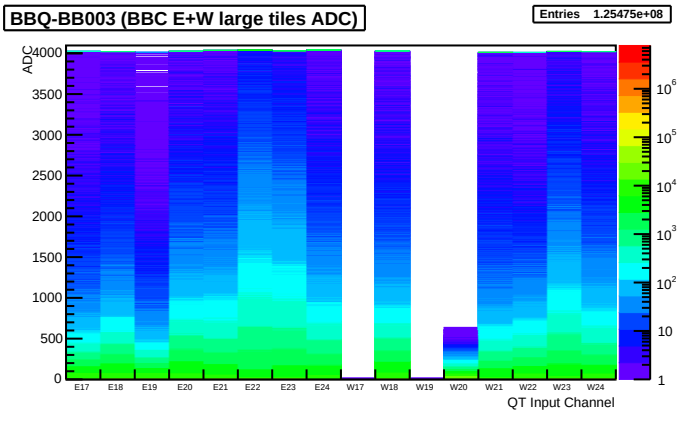

MXQ-PP001
Entries 1.25475e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

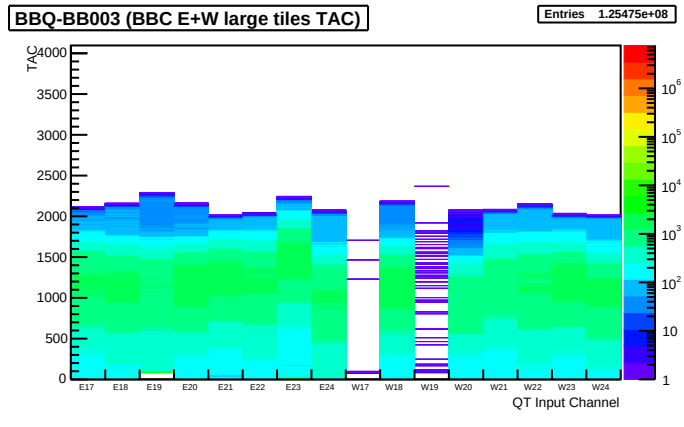

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.25475e+08
ADC
QT Input Channel

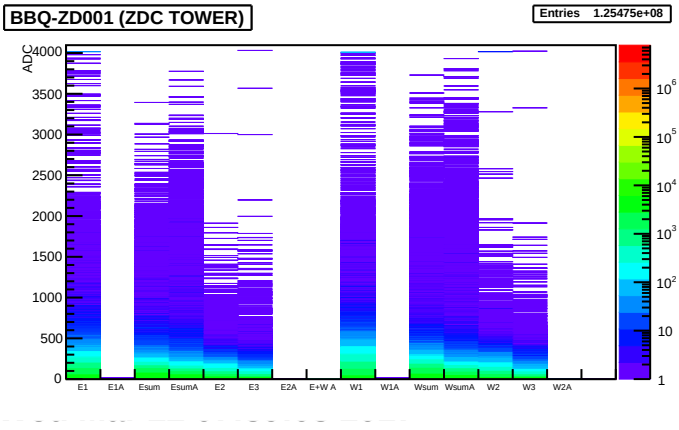

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.25475e+08
TAC
QT Input Channel

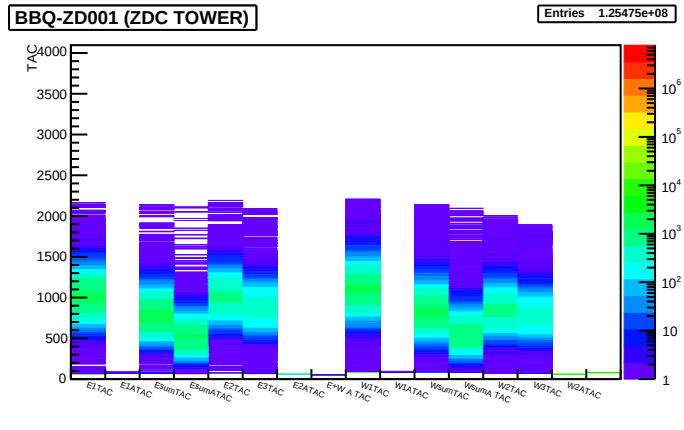

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.25475e+08
ADC
QT Input Channel

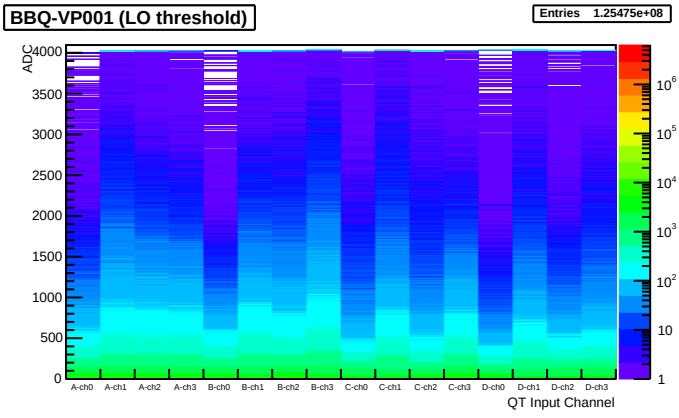

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.25475e+08
TAC
QT Input Channel

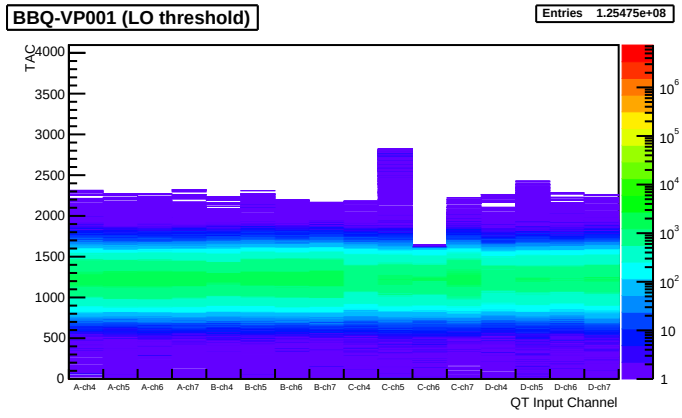

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.25475e+08
ADC
QT Input Channel

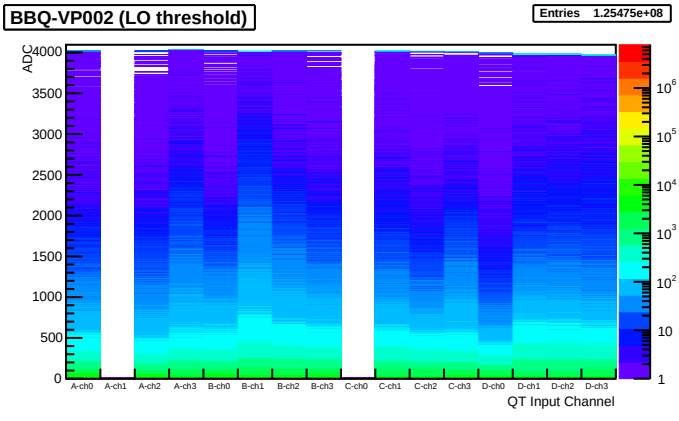

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.25475e+08
TAC
QT Input Channel

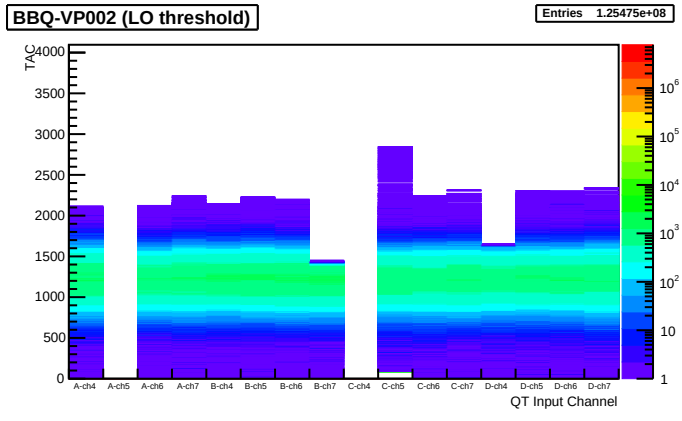

BBQ-ZD001 (ZDC TOWER)
Entries 1.25475e+08
ADC

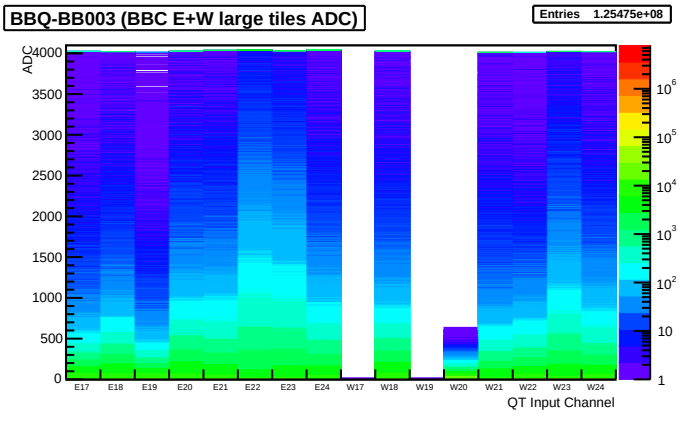

BBQ-ZD001 (ZDC TOWER)
Entries 1.25475e+08
TAC

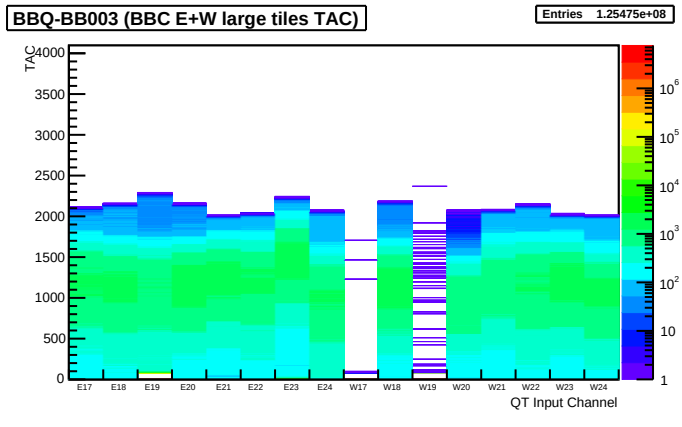

BBQ-VP001 (LO threshold)
Entries 1.25475e+08
ADC
QT Input Channel

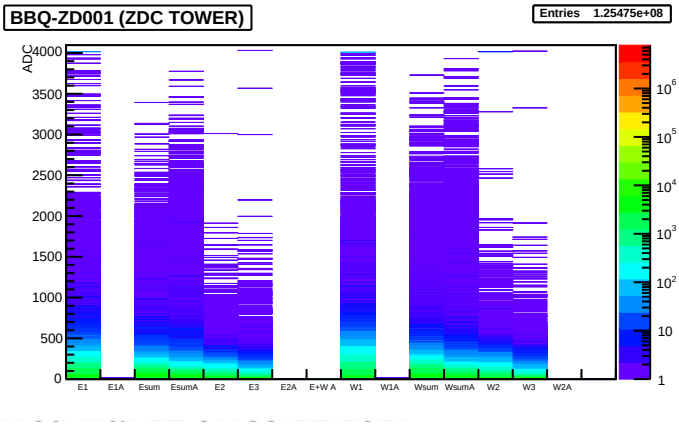

BBQ-VP001 (LO threshold)
Entries 1.25475e+08
TAC
QT Input Channel

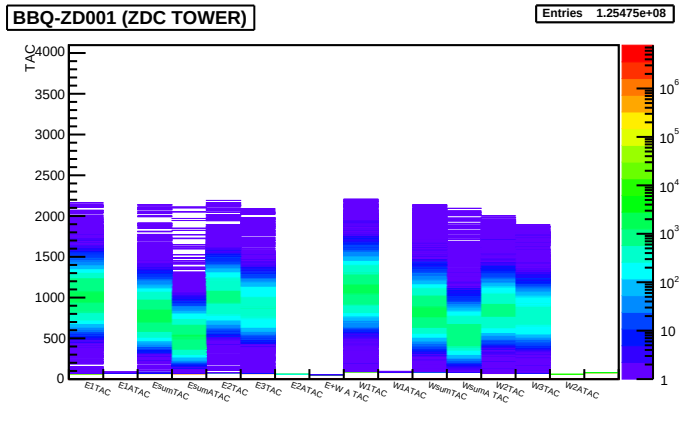

BBQ-VP002 (LO threshold)
Entries 1.25475e+08
ADC
QT Input Channel

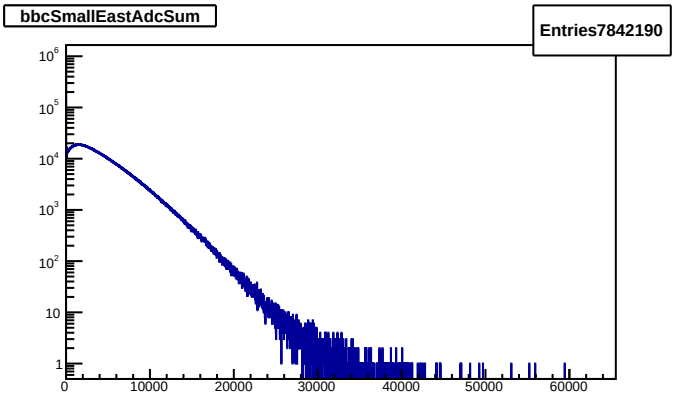

BBQ-VP002 (LO threshold)
Entries 1.25475e+08
TAC
QT Input Channel

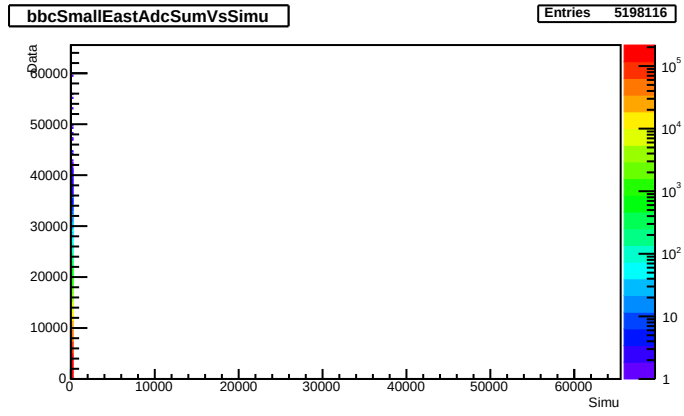

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.25475e+08
ADC
QT Input Channel

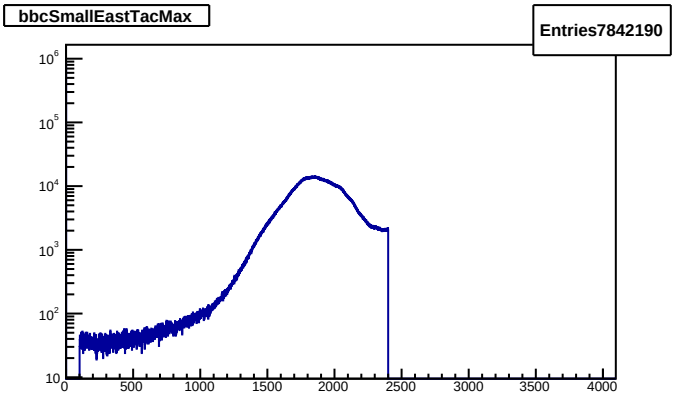

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.25475e+08
TAC
QT Input Channel

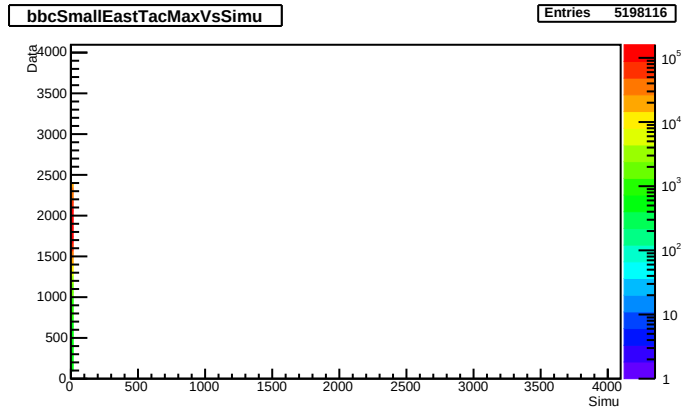

BBQ-ZD001 (ZDC TOWER)
Entries 1.25475e+08
ADC

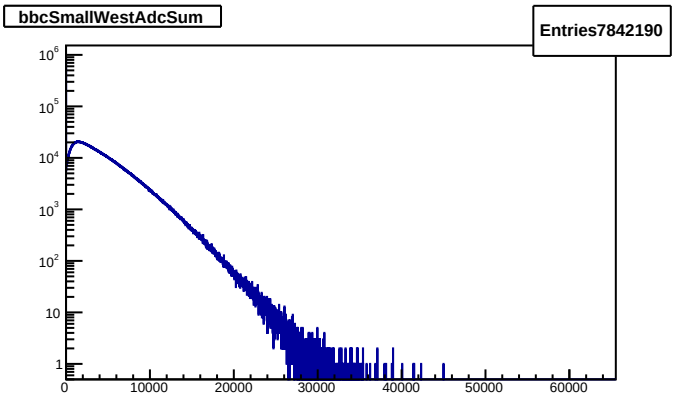

BBQ-ZD001 (ZDC TOWER)
Entries 1.25475e+08
TAC

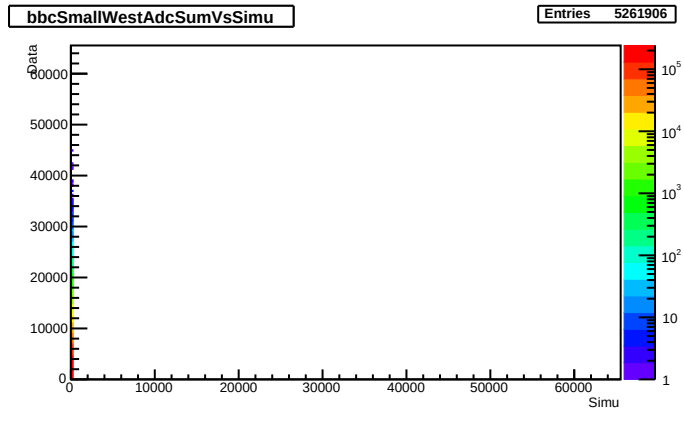

bbcSmallEastAdcSum
Entries7842190

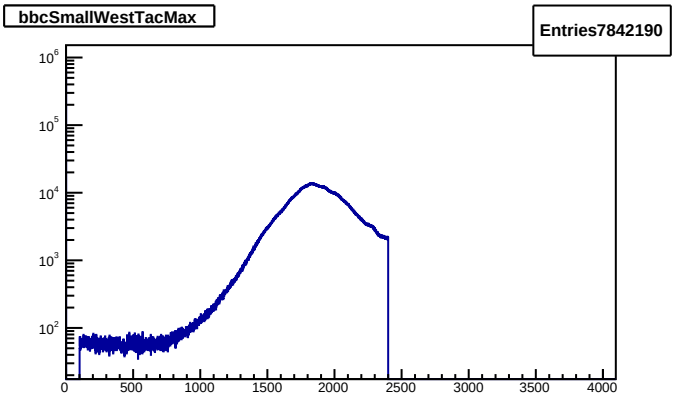

bbcSmallEastAdcSumVsSimu
Entries 5198116
Data
Simu

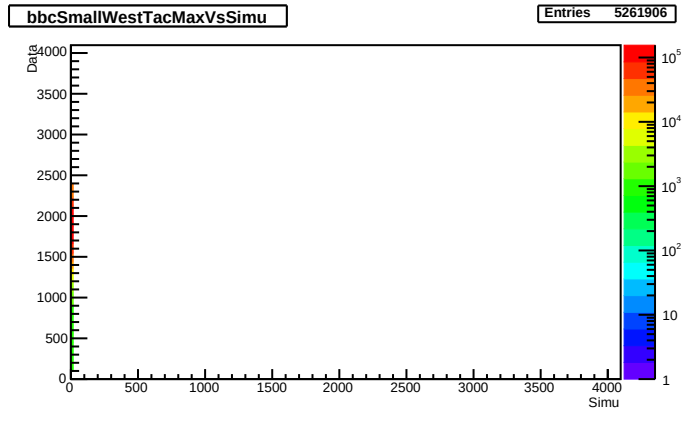

bbcSmallEastTacMax
Entries7842190

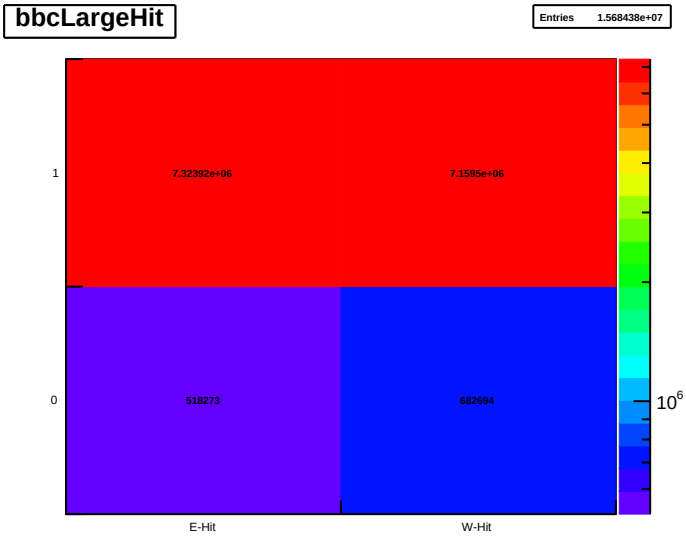

bbcSmallEastTacMaxVsSimu
Entries 5198116
Data
Simu

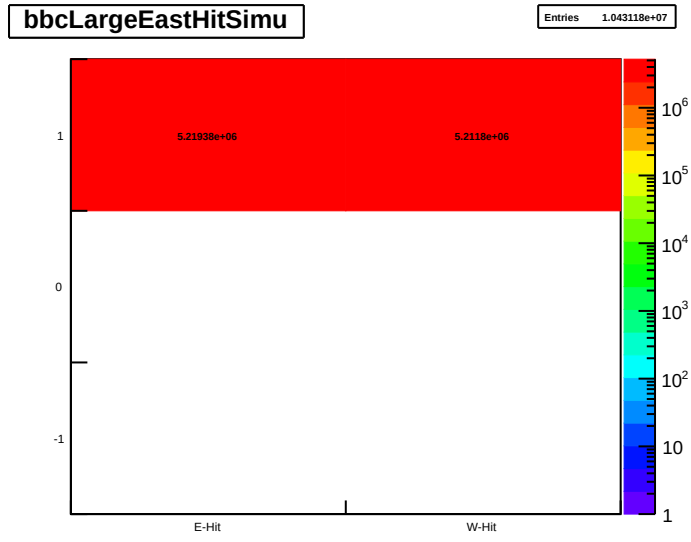

bbcSmallWestAdcSum
Entries7842190

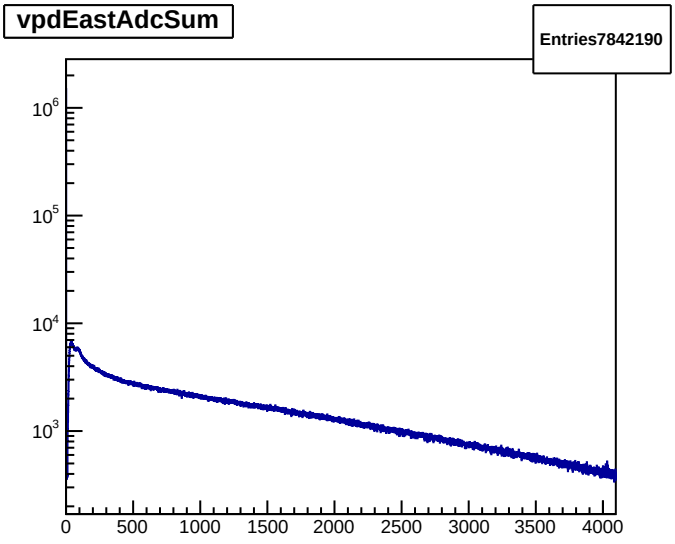

bbcSmallWestAdcSumVsSimu
Entries 5261906
Data
Simu

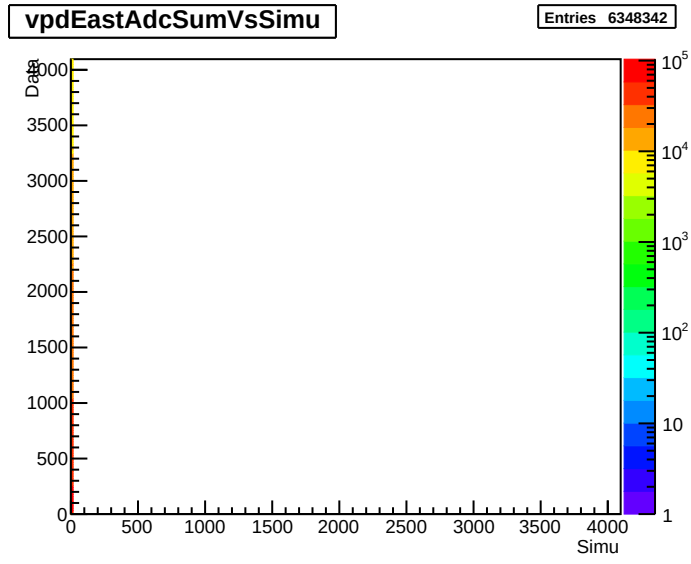

bbcSmallWestTacMax
Entries7842190

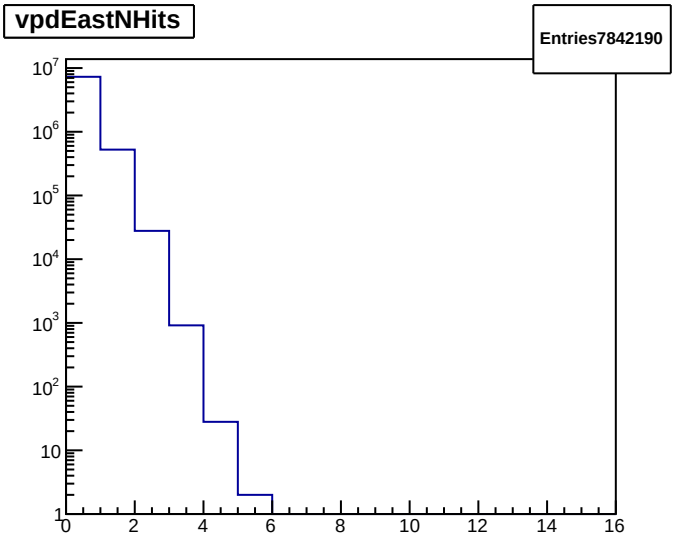

bbcSmallWestTacMaxVsSimu
Entries 5261906
Data
Simu

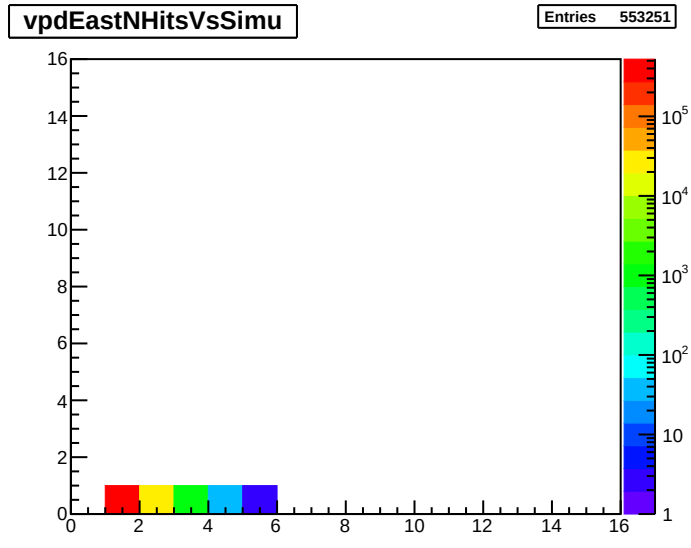

bbcLargeHit
Entries 1.568438e+07
7.32392e+06
7.1595e+06
518273
682694
1
0
E-Hit
W-Hit
10^6

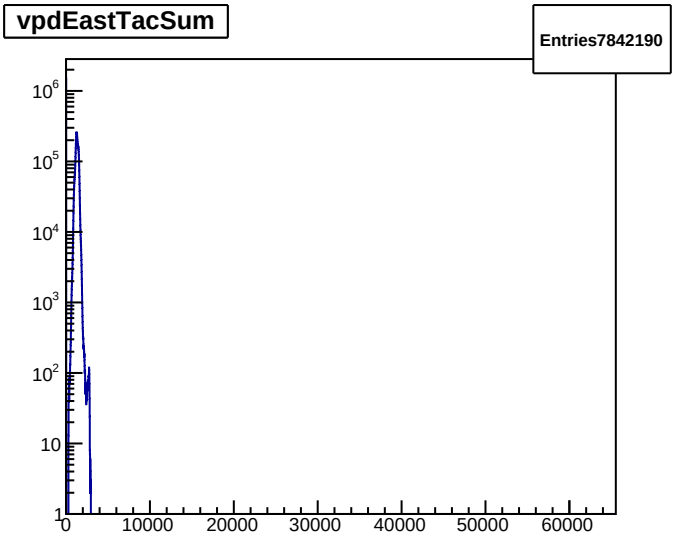

bbcLargeEastHitSimu
Entries 1.043118e+07
5.21938e+06
5.2118e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

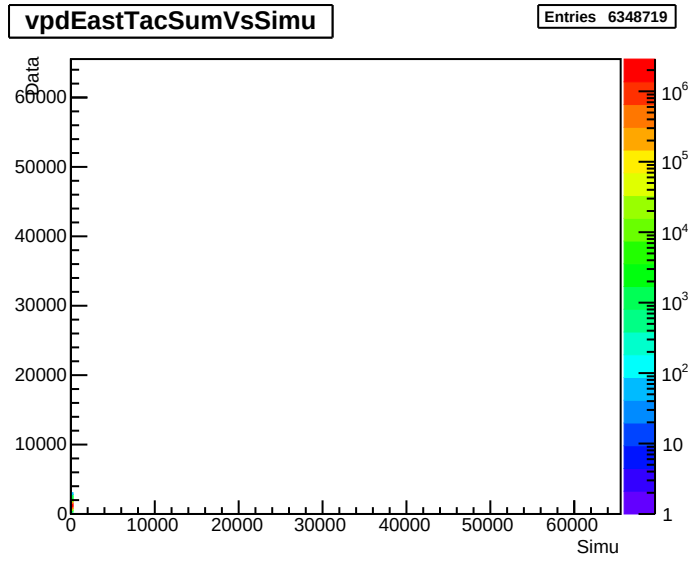

vpdEastAdcSum
Entries7842190

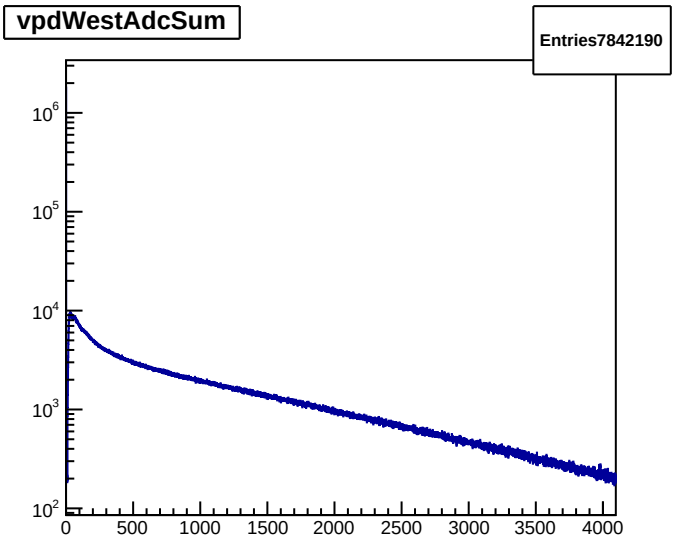

vpdEastAdcSumVsSimu
Entries 6348342
Data
Simu

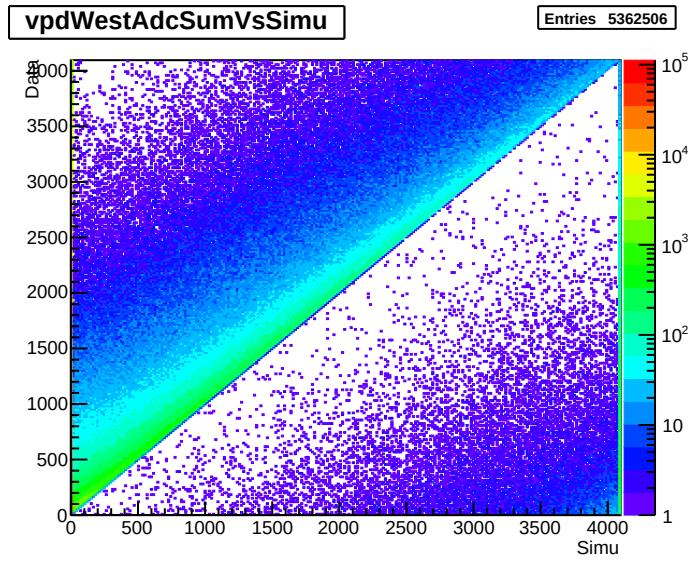

vpdEastNHits
Entries7842190

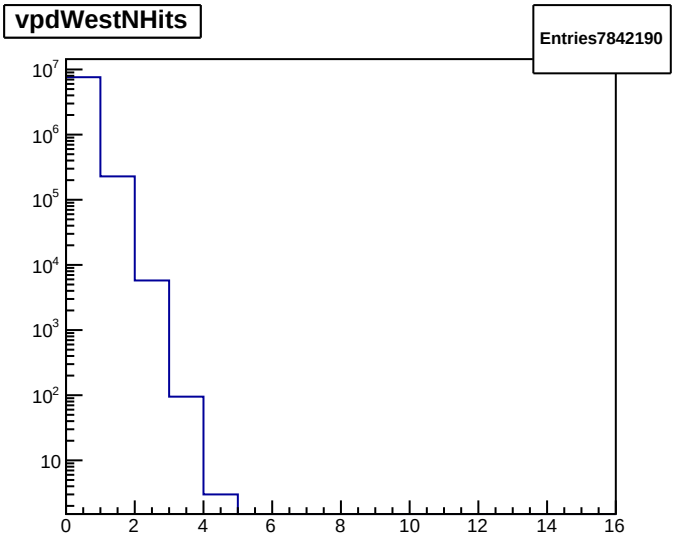

vpdEastNHitsVsSimu
Entries 553251

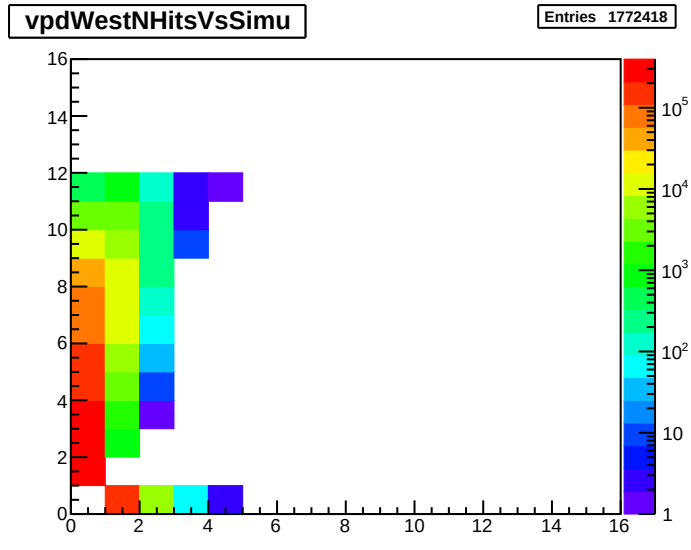

vpdEastTacSum
Entries7842190

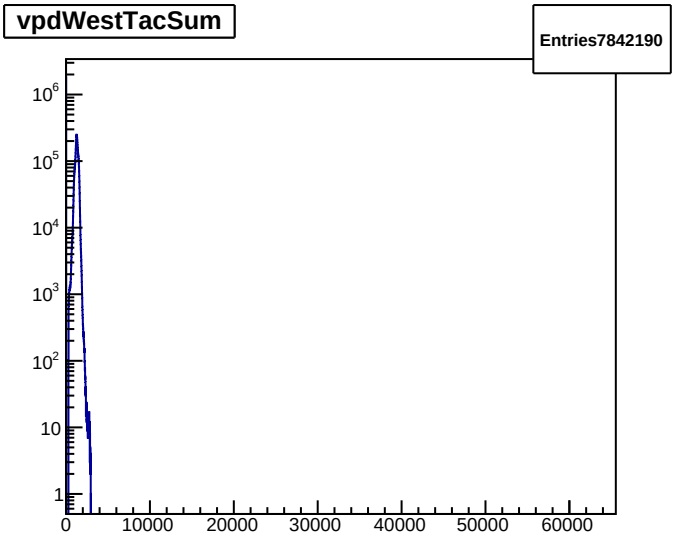

vpdEastTacSumVsSimu
Entries 6348719
Data
Simu

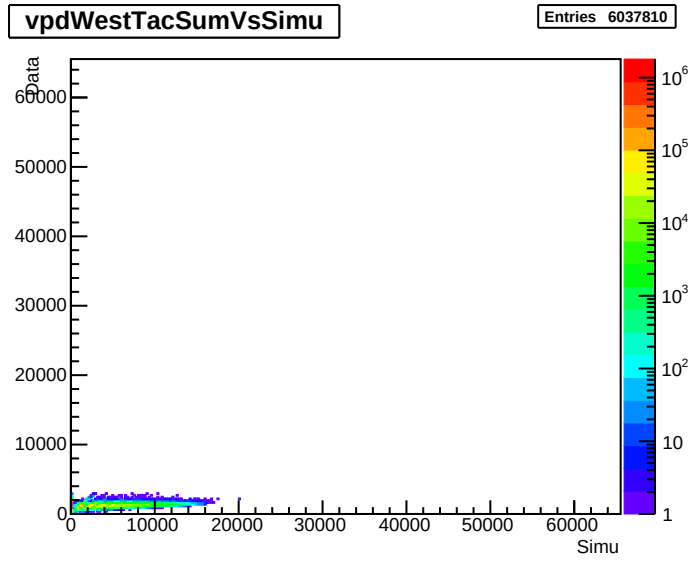

vpdWestAdcSum
Entries7842190

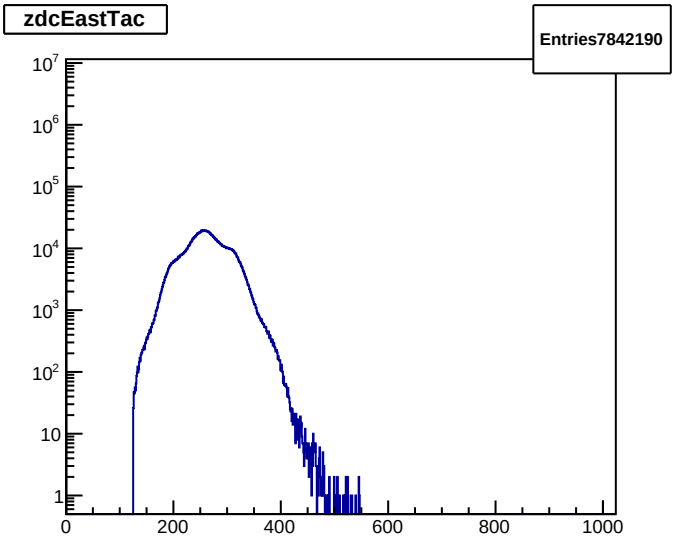

vpdWestAdcSumVsSimu
Entries 5362506
Data
Simu

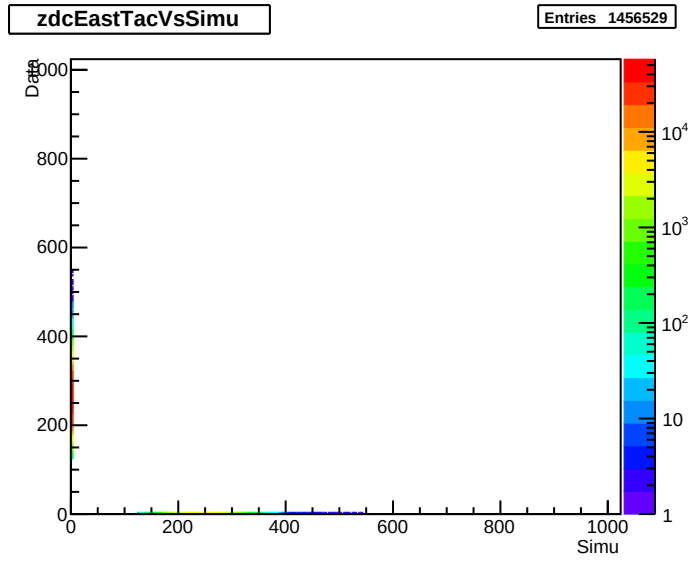

vpdWestNHits
Entries7842190

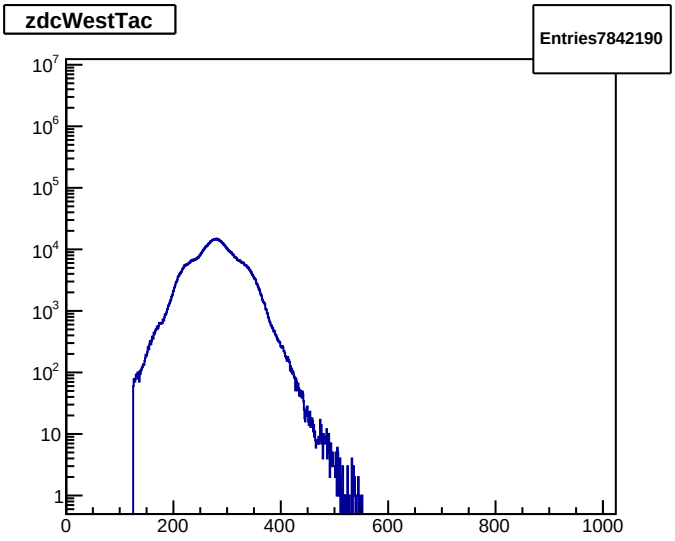

vpdWestNHitsVsSimu
Entries 1772418

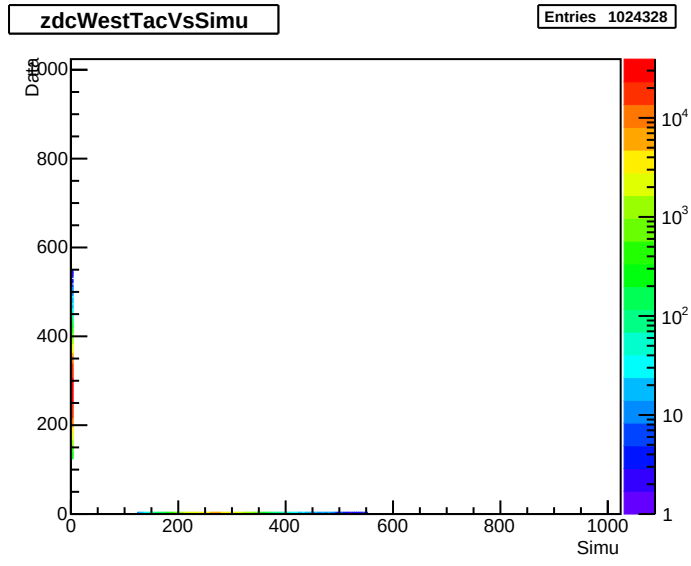

vpdWestTacSum
Entries7842190

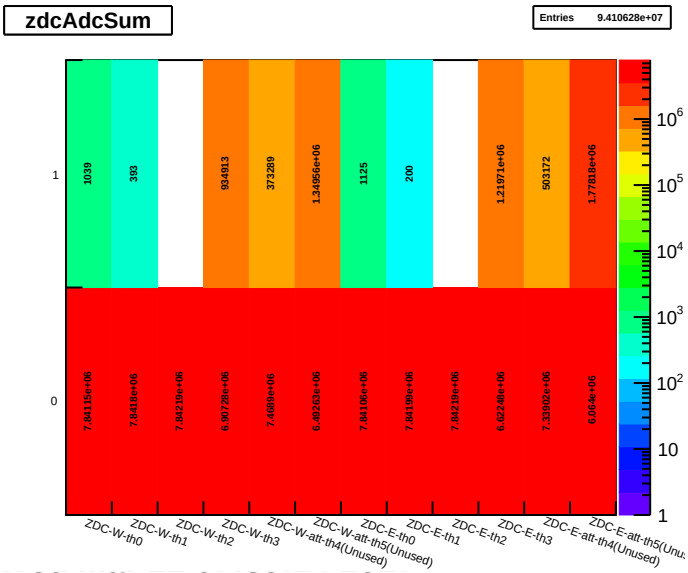

vpdWestTacSumVsSimu
Entries 6037810
Data
Simu

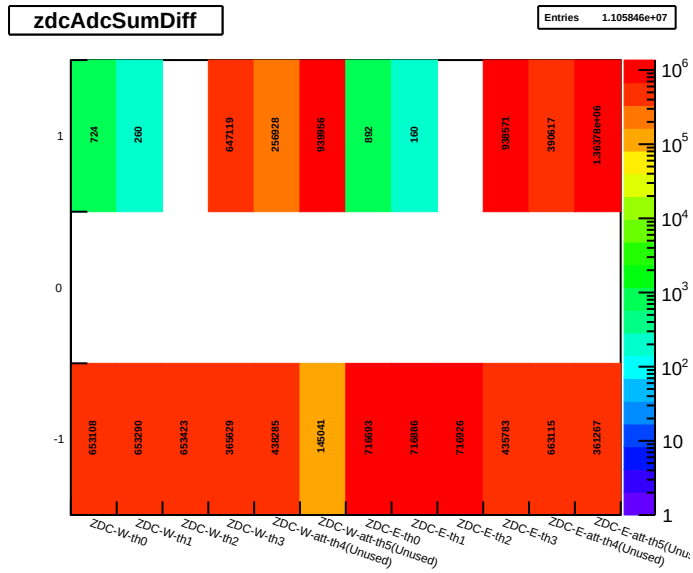

zdcEastTac
Entries7842190

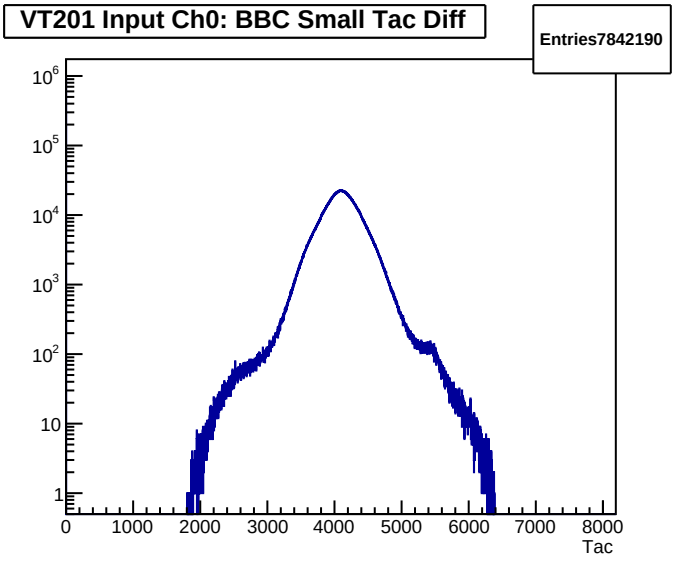

zdcEastTacVsSimu
Entries 1456529
Data
Simu

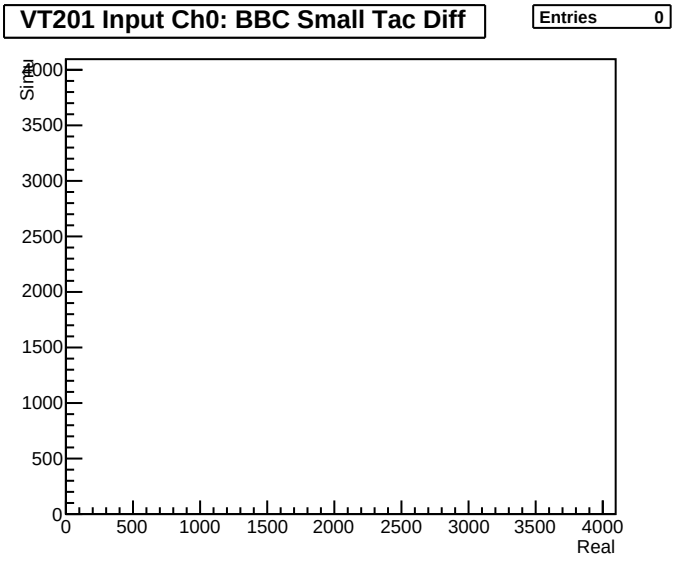

zdcWestTac
Entries7842190

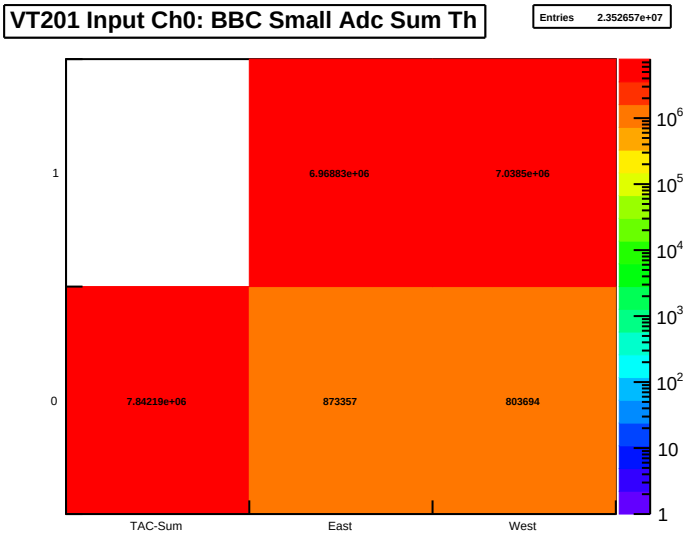

zdcWestTacVsSimu
Entries 1024328
Data
Simu

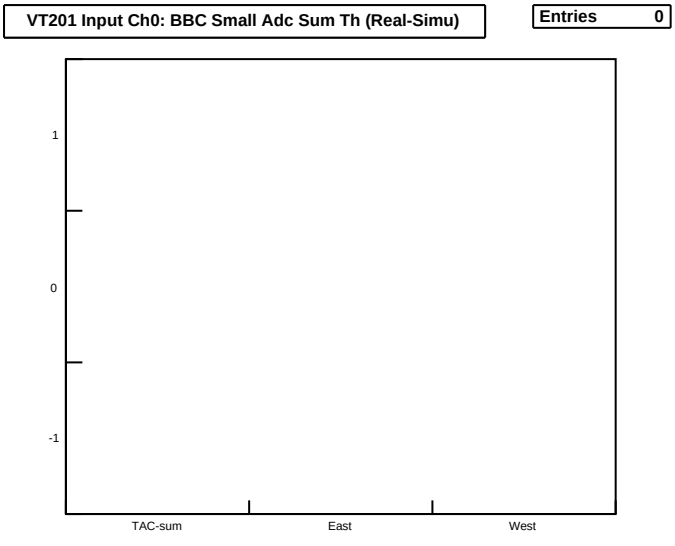

zdcAdcSum
Entries 9.410628e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

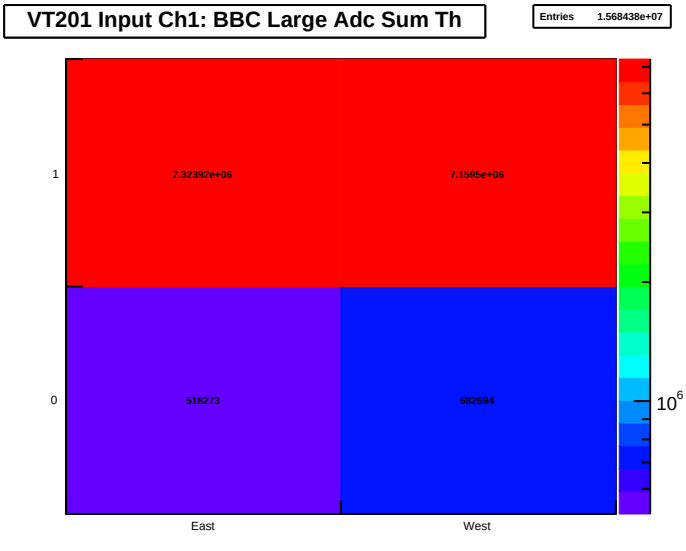

zdcAdcSumDiff
Entries 1.105846e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

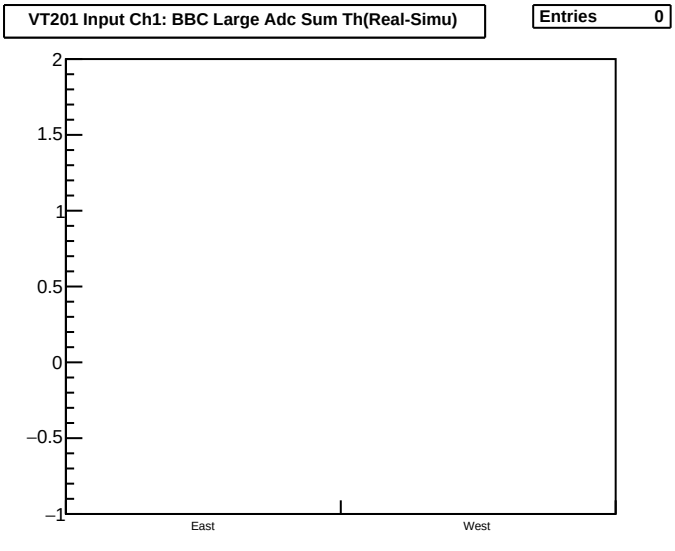

VT201 Input Ch0: BBC Small Tac Diff
Entries7842190
Tac


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

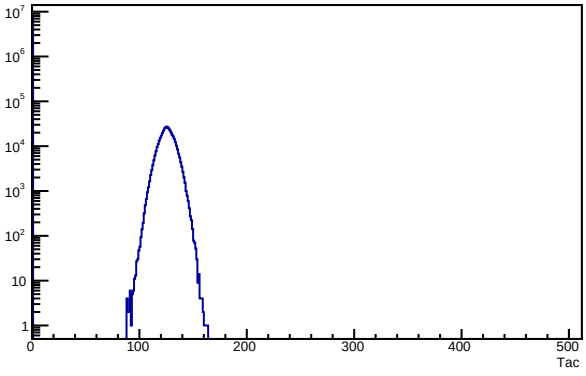

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.352657e+07
6.96883e+06
7.0385e+06
7.84219e+06
873357
803694
TAC-Sum
East
West


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

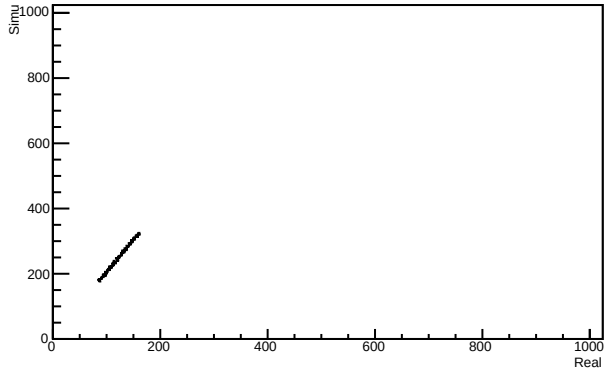

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.568438e+07
7.32392e+06
7.1595e+06
518273
682694
East
West


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

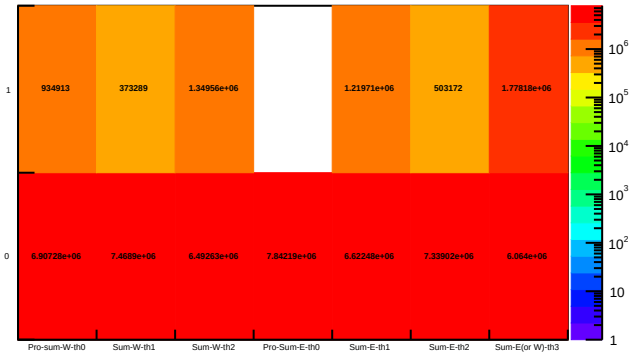
VT201 Input Ch2: ZDC Tac Diff



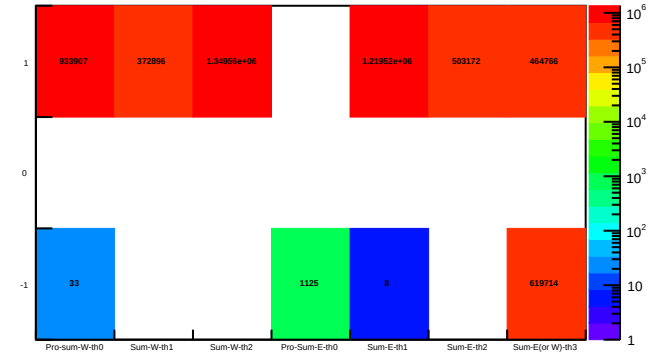
VT201 Input Ch2: ZDC Tac Diff



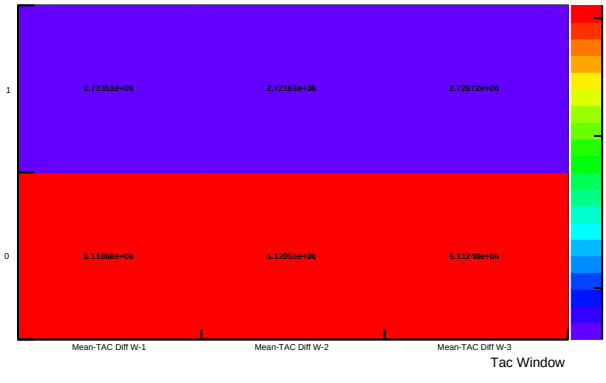
VT201 Input Ch2: ZDC Adc Sum Th



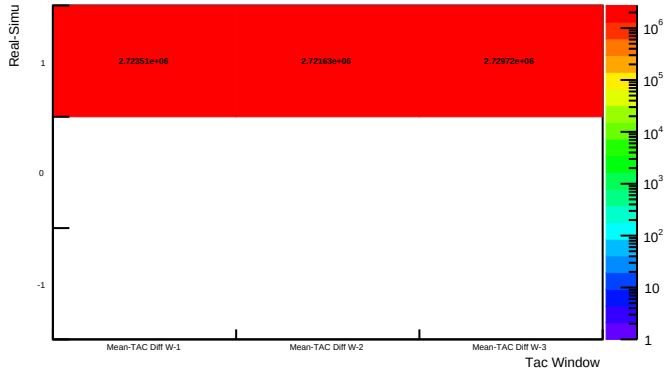
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



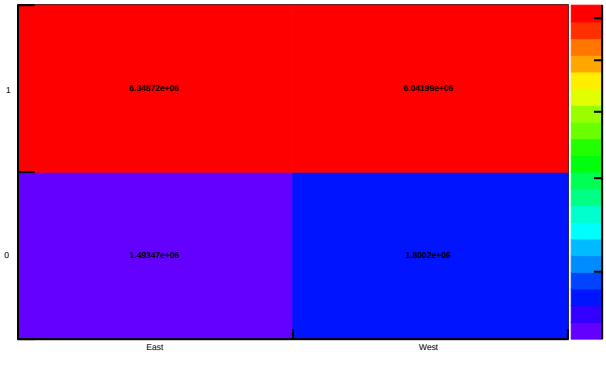
VT201 Input Ch4: VPD Tac Diff



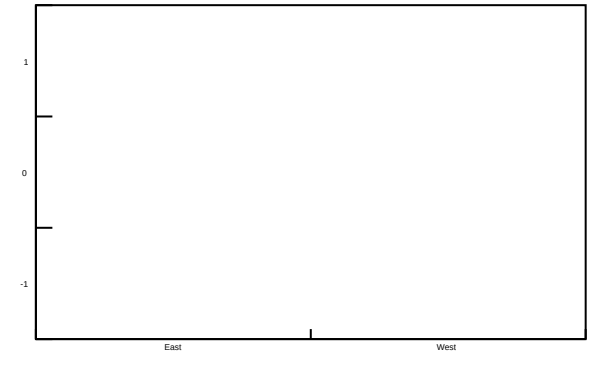
VT201 Input Ch4: VPD Tac Diff

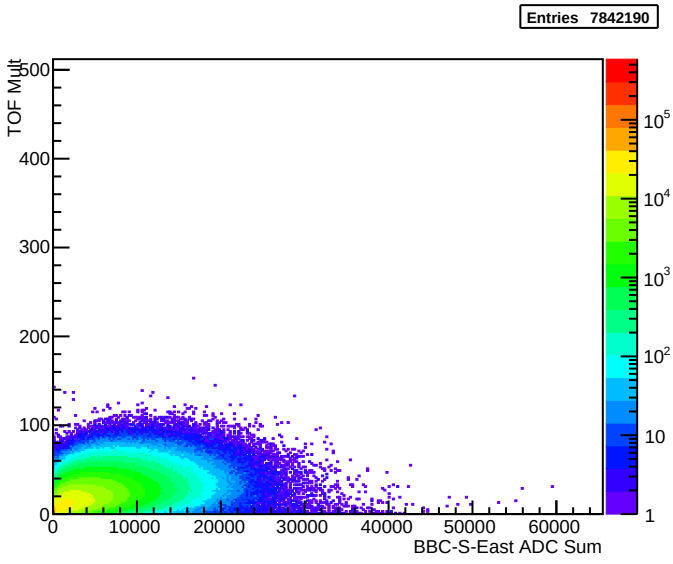


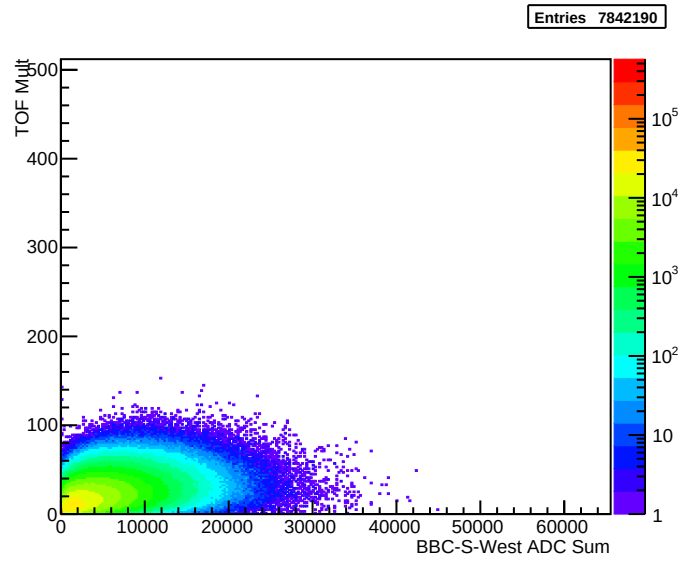
VT201 Input Ch4: VPD Adc Sum Th

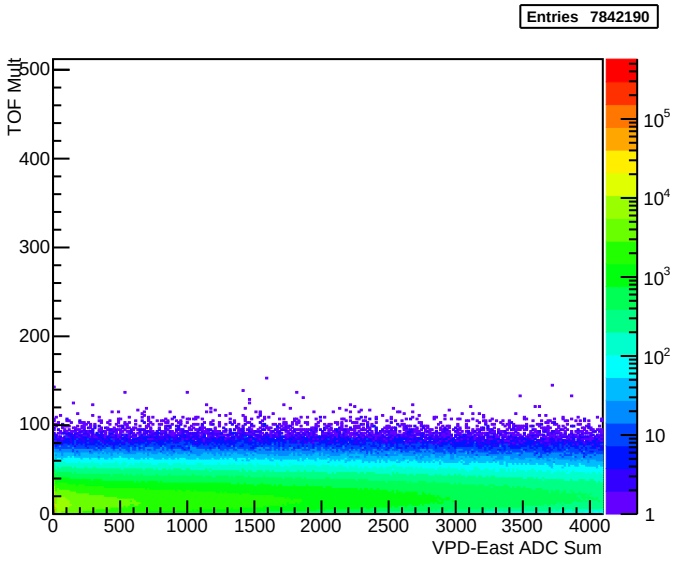


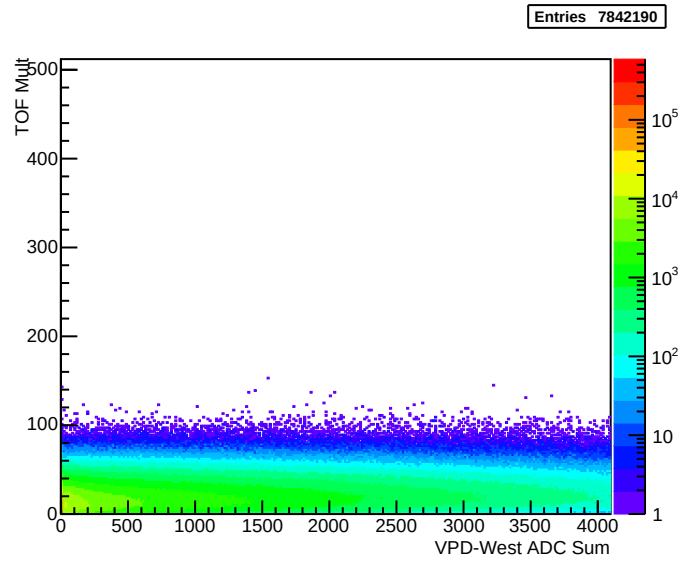
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

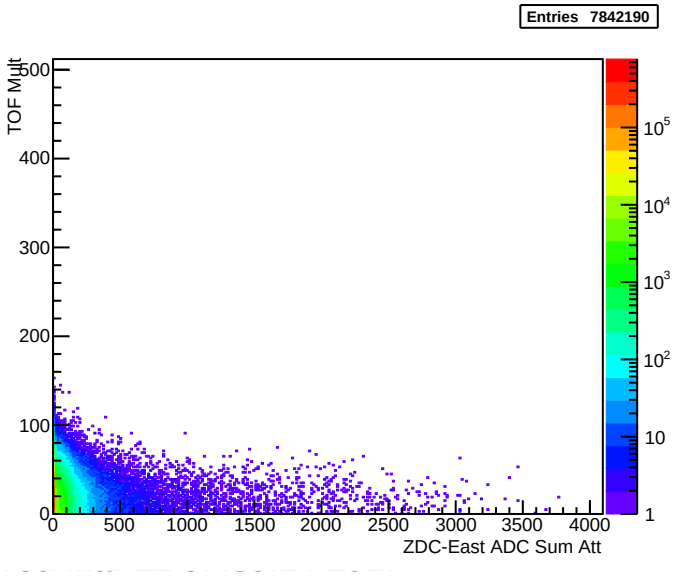


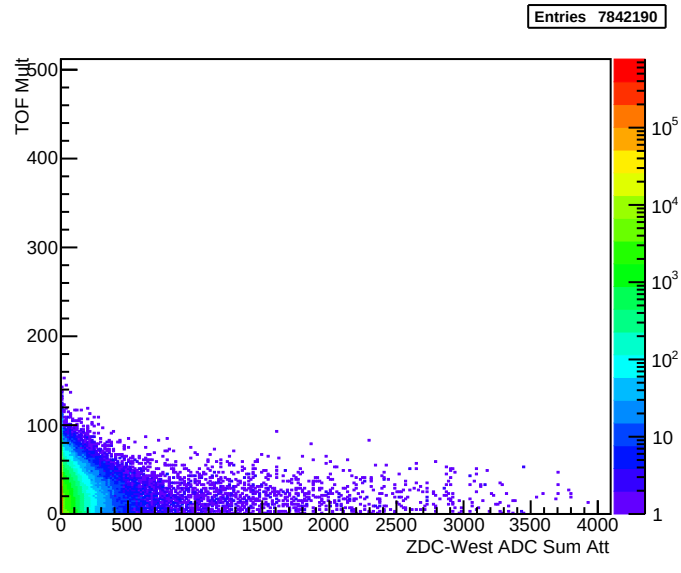

Entries 7842190
TOF Mult
BBC-S-East ADC Sum

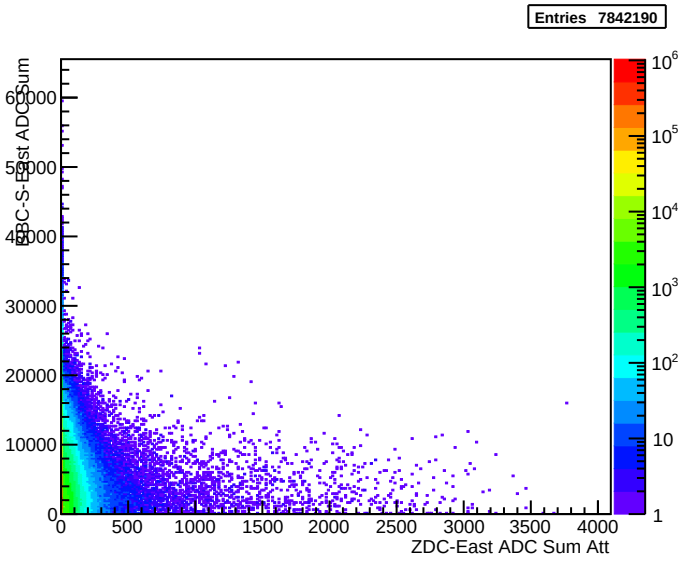

Entries 7842190
TOF Mult
BBC-S-West ADC Sum

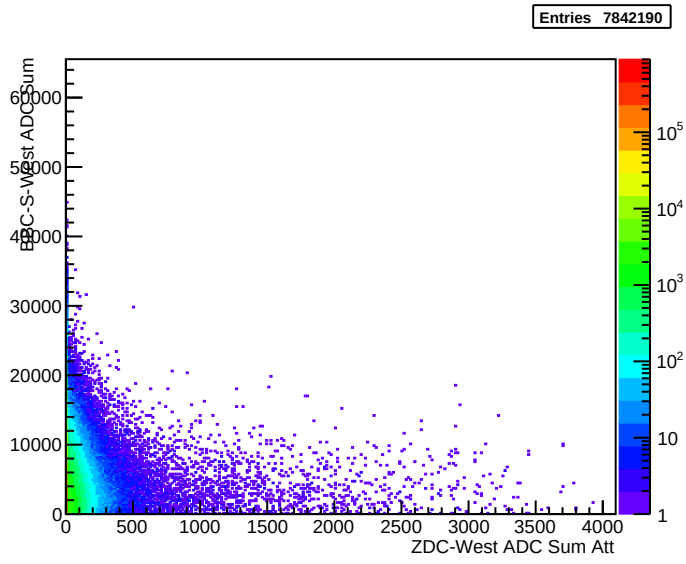

Entries 7842190
TOF Mult
VPD-East ADC Sum

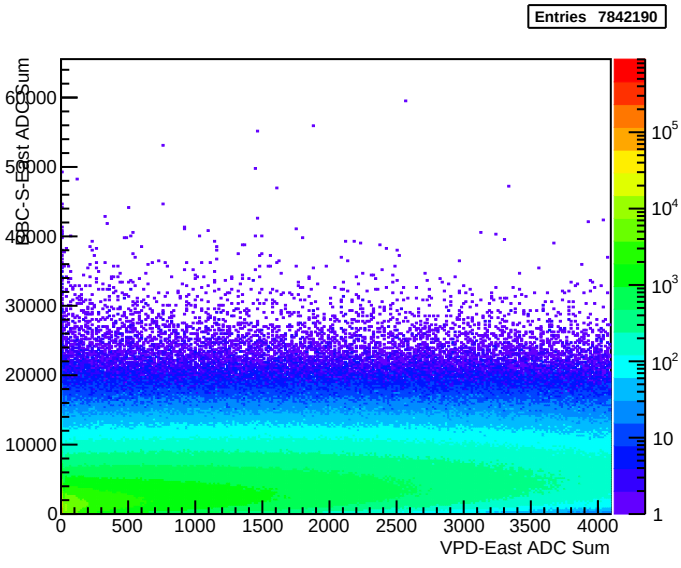

Entries 7842190
TOF Mult
VPD-West ADC Sum

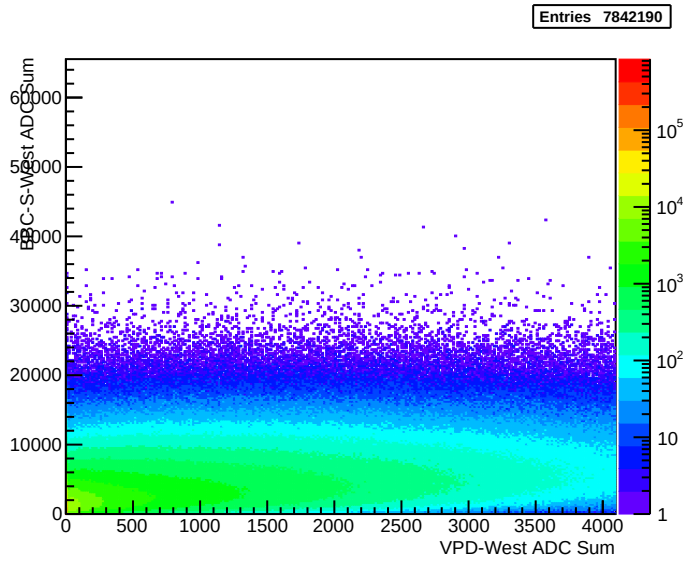

Entries 7842190
TOF Mult
ZDC-East ADC Sum Att

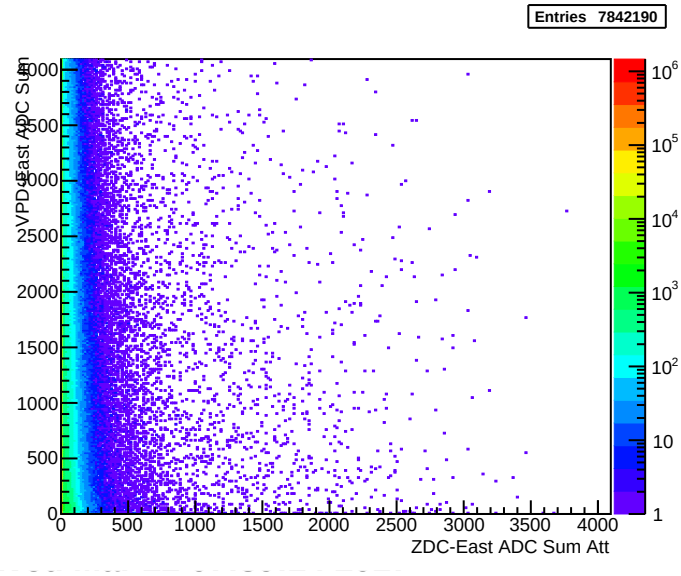

Entries 7842190
TOF Mult
ZDC-West ADC Sum Att

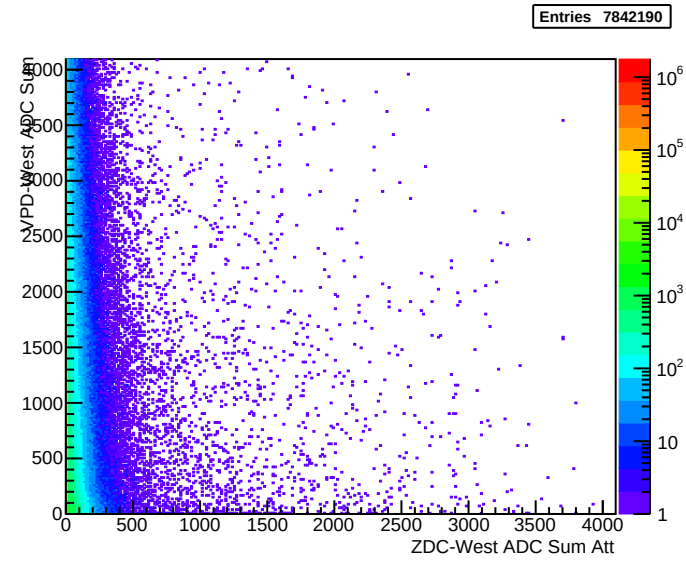

Entries 7842190
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

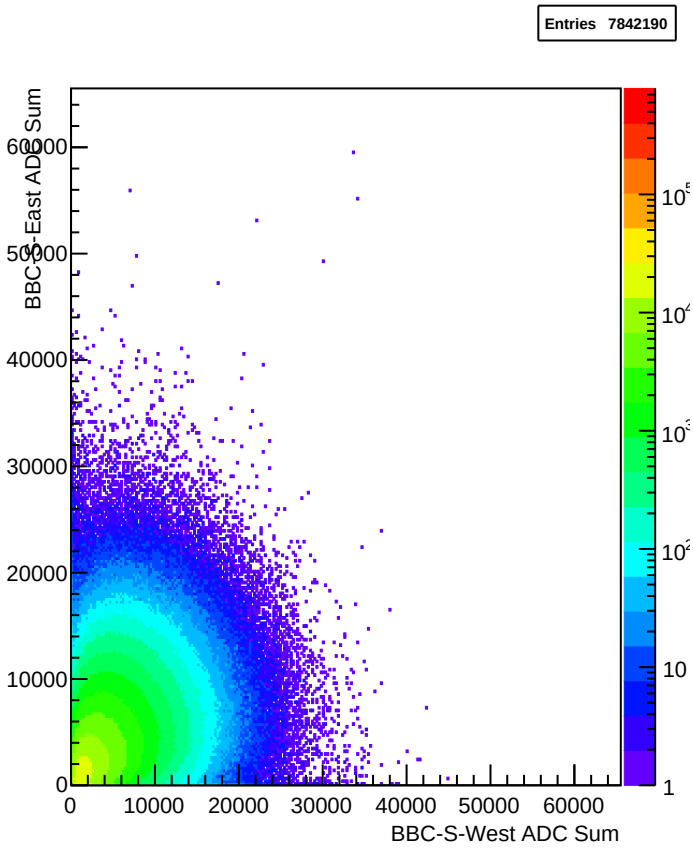

Entries 7842190
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

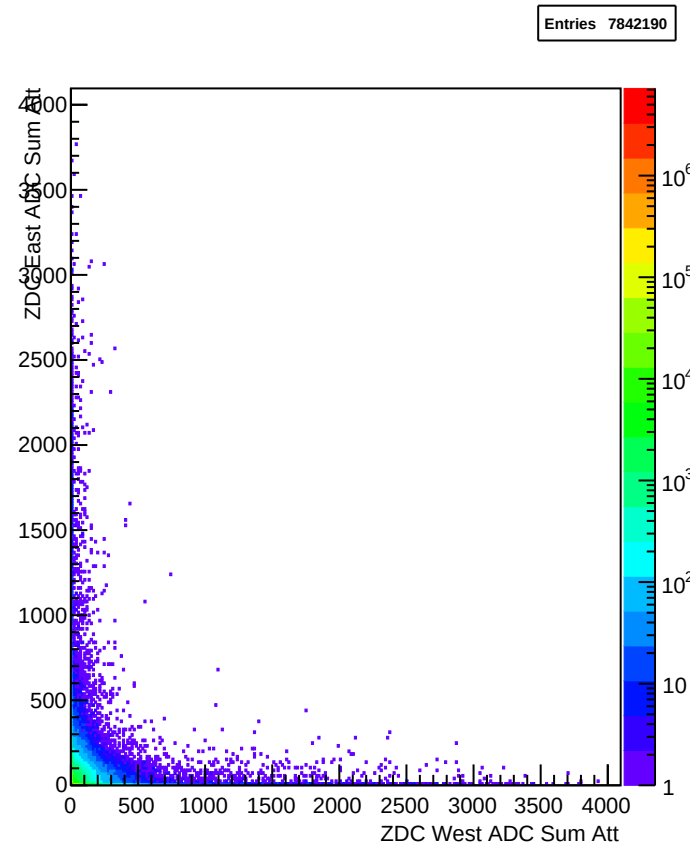

Entries 7842190
BBC-S-East ADC Sum
VPD-East ADC Sum

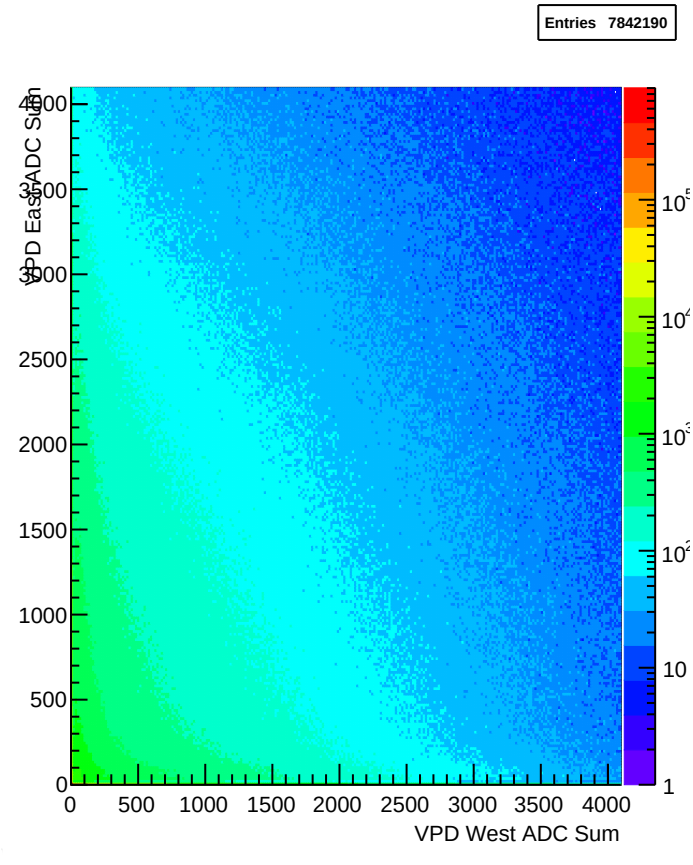

Entries 7842190
BBC-S-West ADC Sum
VPD-West ADC Sum

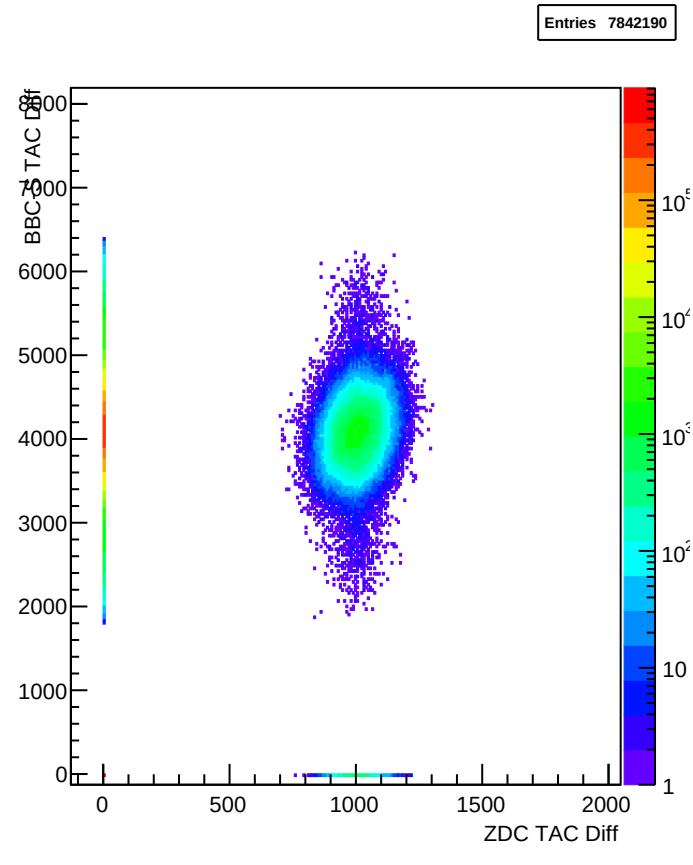

Entries 7842190
VPD-East ADC Sum
ZDC-East ADC Sum Att

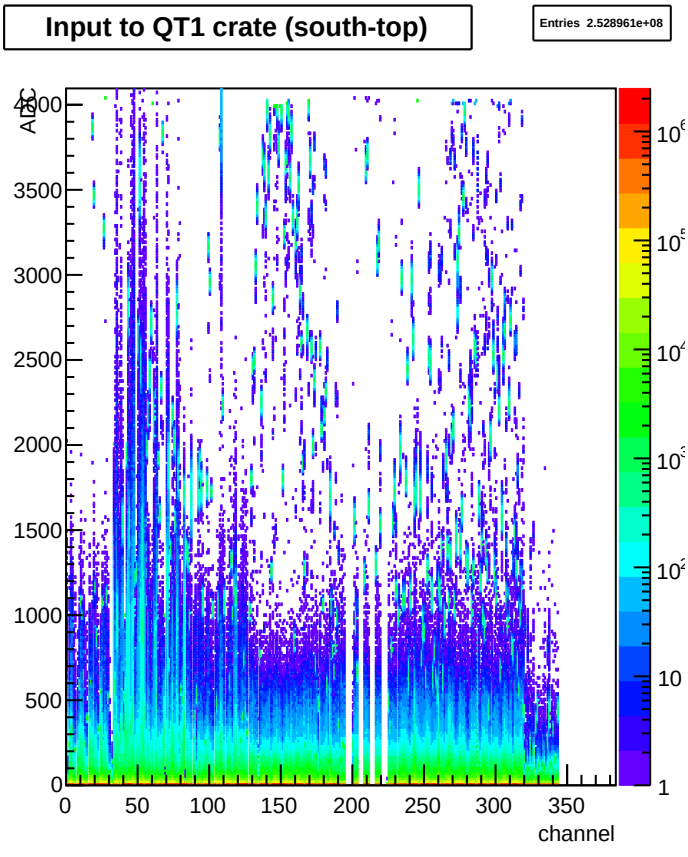

Entries 7842190
VPD-West ADC Sum
ZDC-West ADC Sum Att

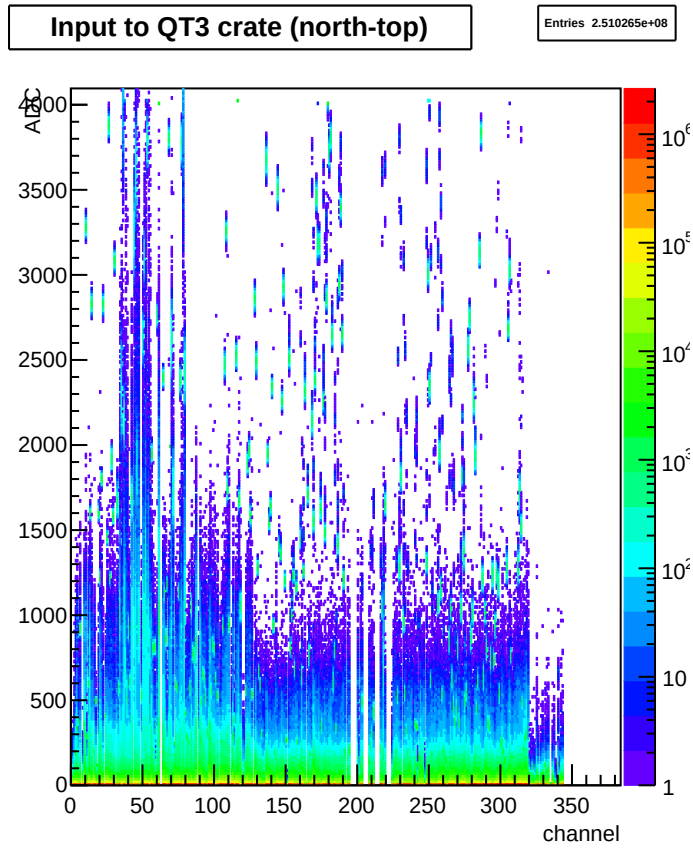

Entries 7842190
BBC-S-East ADC Sum
BBC-S-West ADC Sum

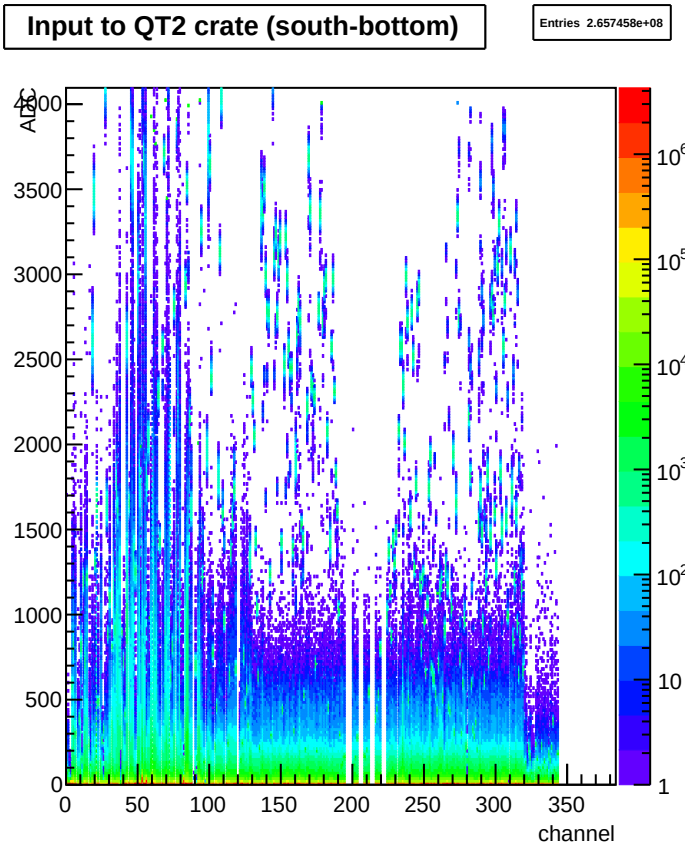

Entries 7842190
ZDC East ADC Sum Att
ZDC West ADC Sum Att

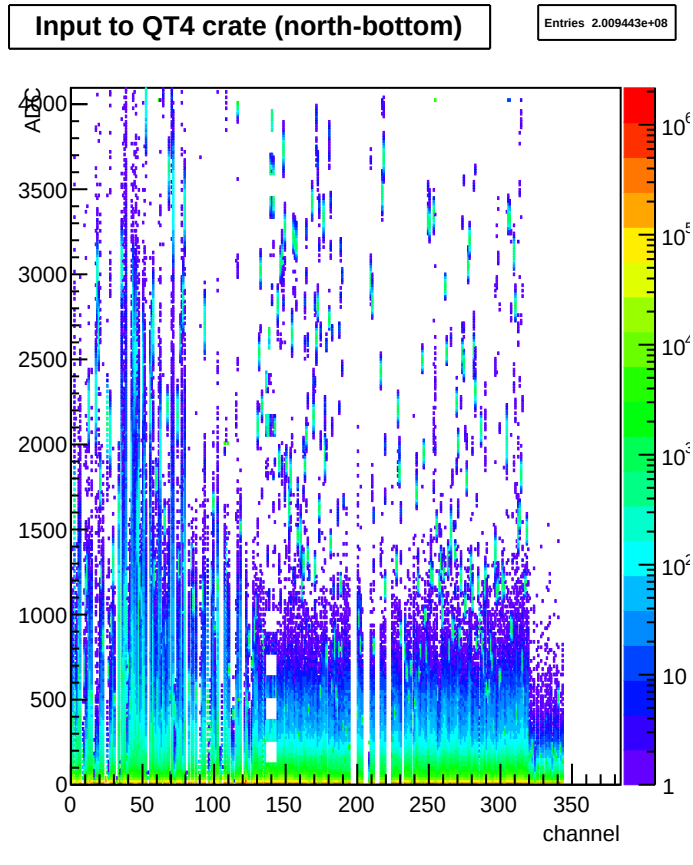

Entries 7842190
VPD East ADC Sum
VPD West ADC Sum

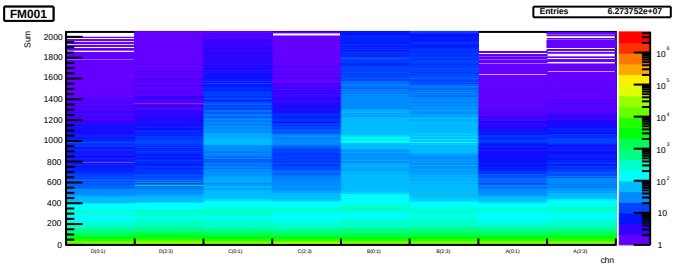

Entries 7842190
BBC-S TAC Diff
ZDC TAC Diff

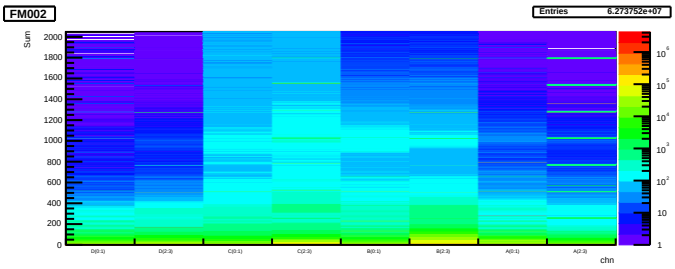

Input to QT1 crate (south-top)
Entries 2.528961e+08
ADC
channel

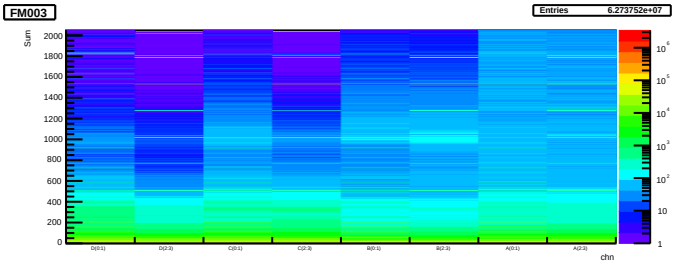

Input to QT3 crate (north-top)
Entries 2.510265e+08
ADC
channel

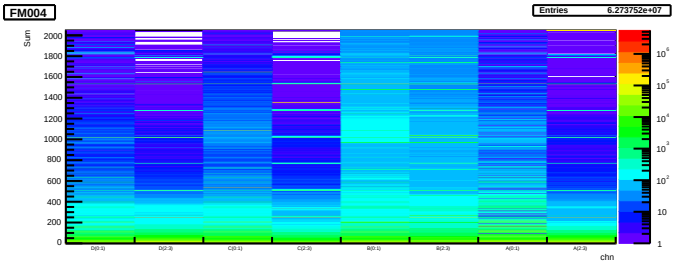

Input to QT2 crate (south-bottom)
Entries 2.657458e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 2.009443e+08
ADC
channel


FM001
Entries 6.273752e+07
Sum
chn


FM002
Entries 6.273752e+07
Sum
chn


FM003
Entries 6.273752e+07
Sum
chn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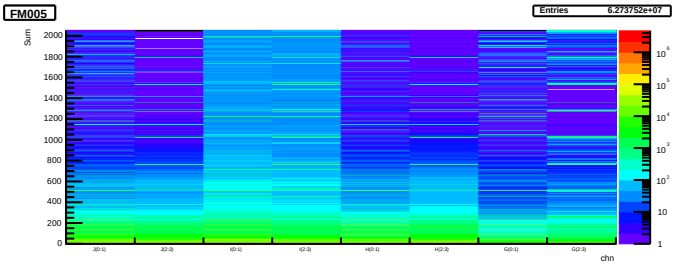
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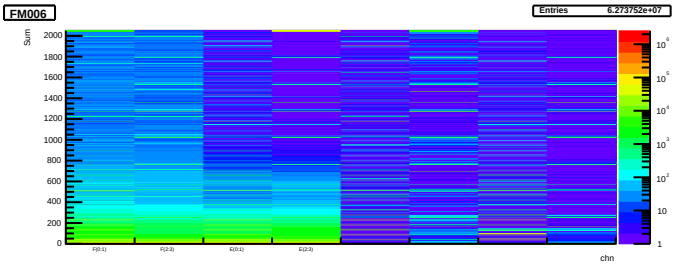
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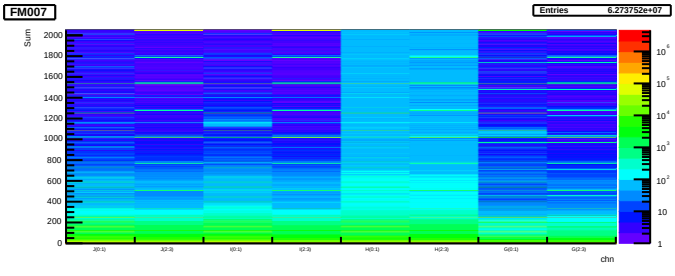
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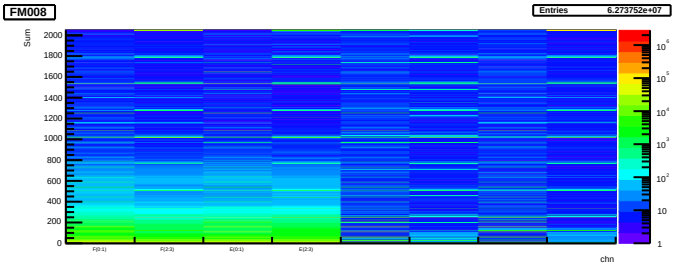
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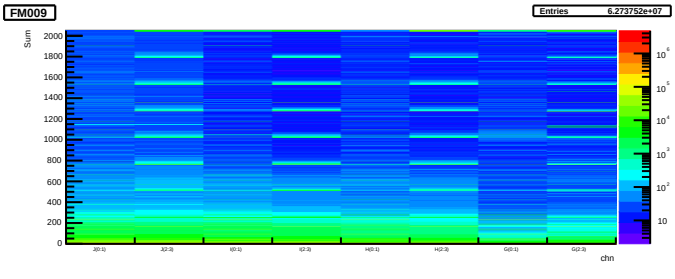
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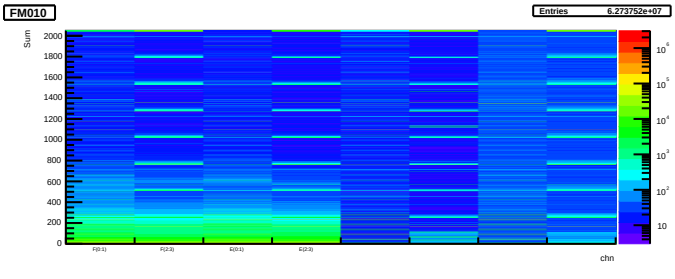
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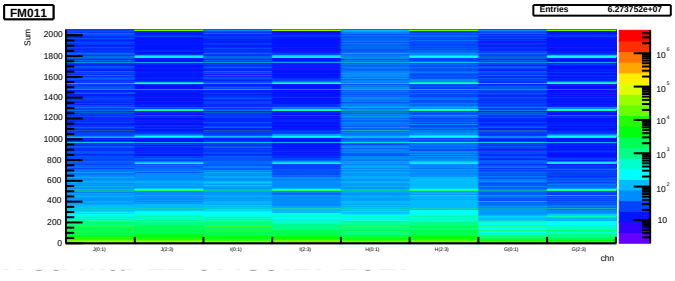
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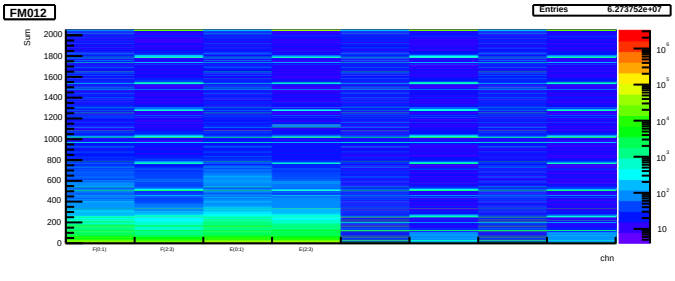
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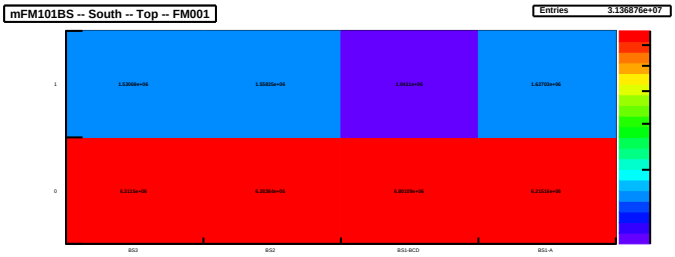
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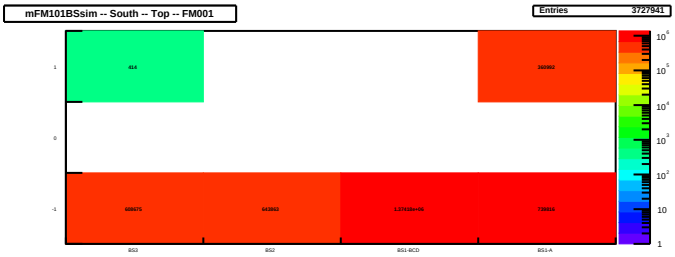
Entries 3.136876e+07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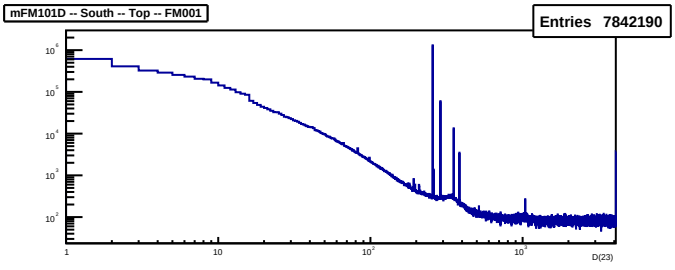
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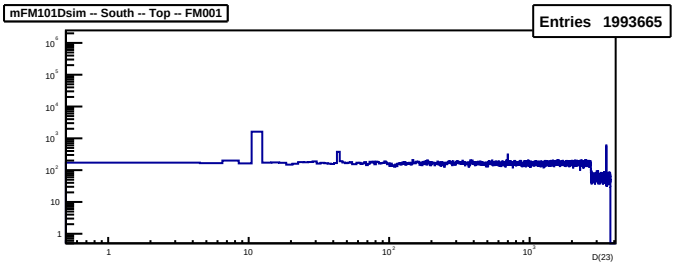
D(23)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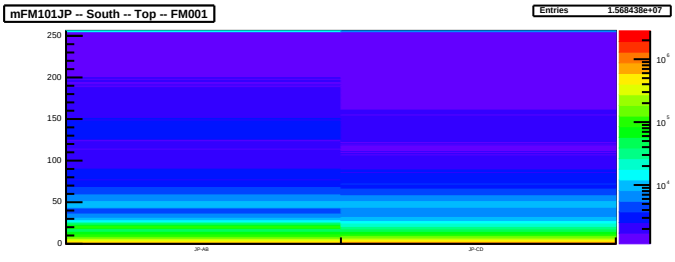
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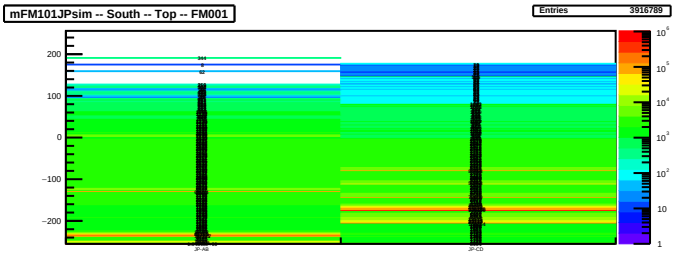
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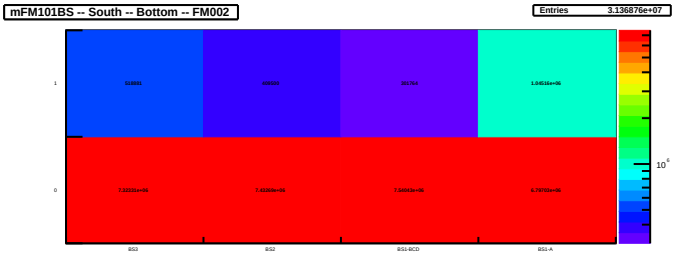
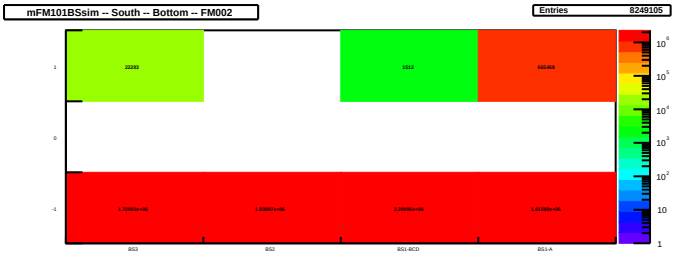

mFM101BS -- South -- Bottom -- FM002
Entries 3.136876e+07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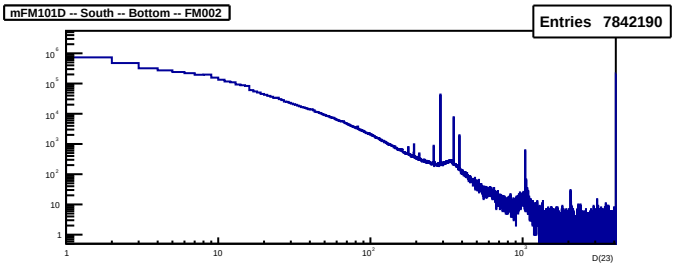
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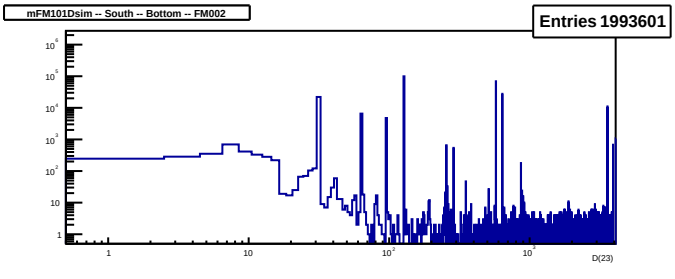
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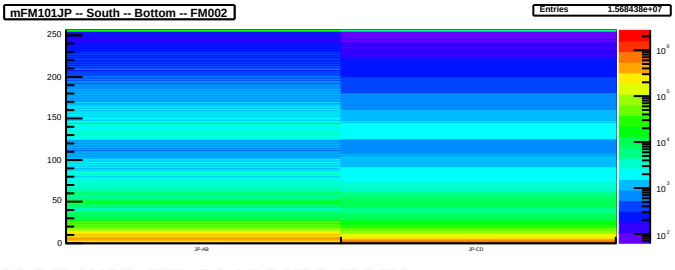
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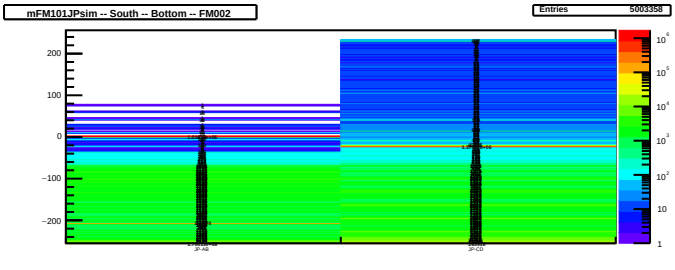
Entries 1.568438e+07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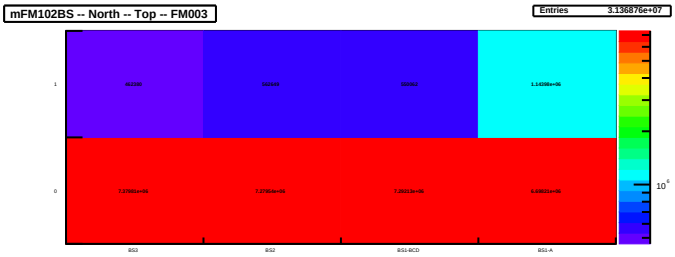
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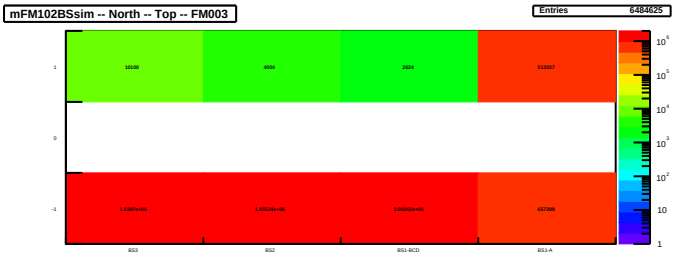
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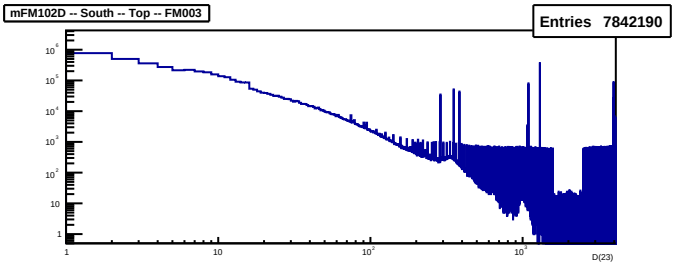
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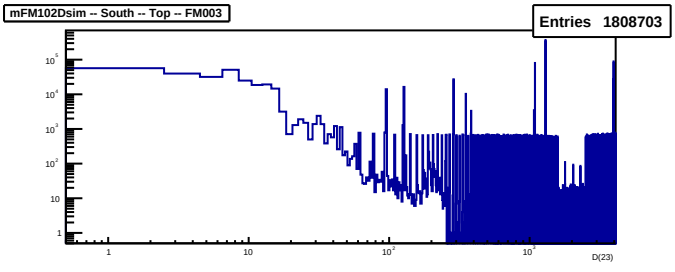
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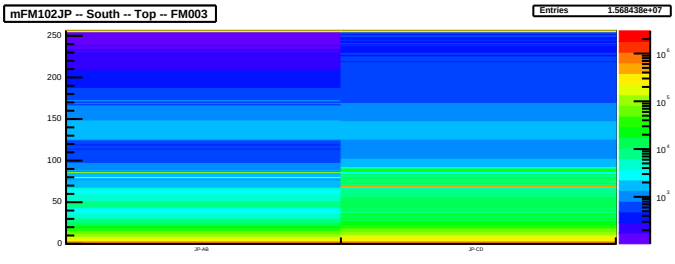
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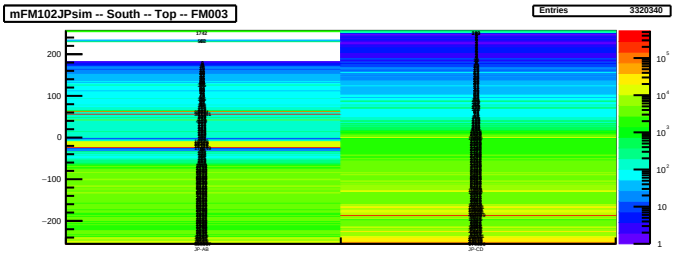
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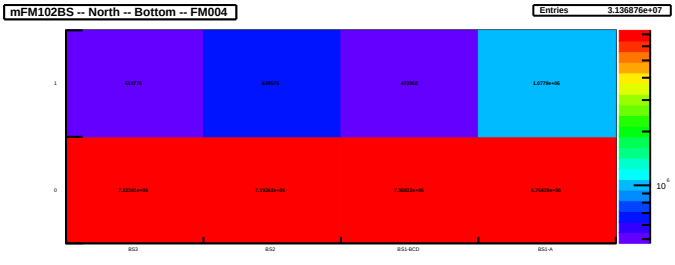
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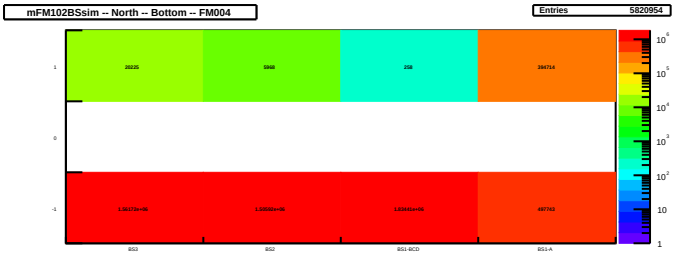
Entries 3.136876e+07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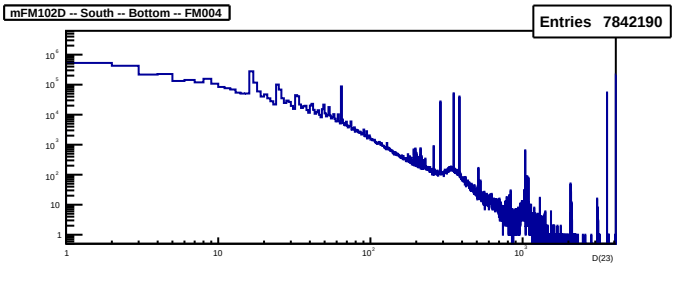
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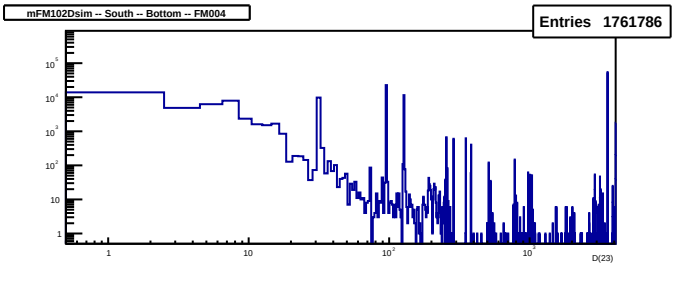
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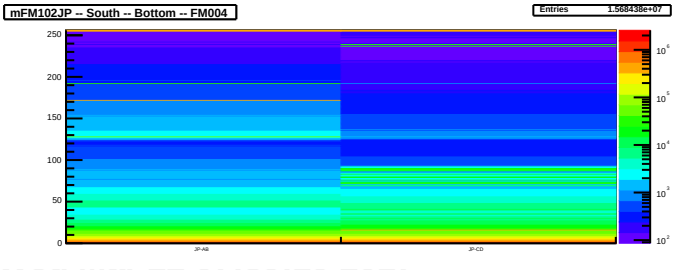
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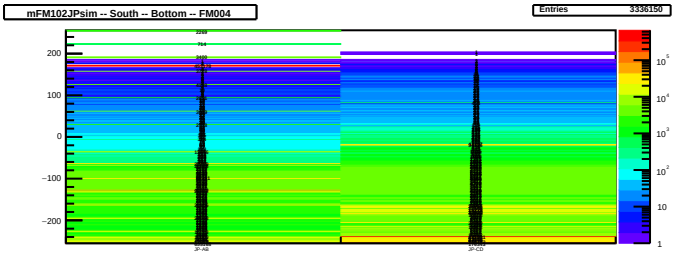
Entries 1.568438e+07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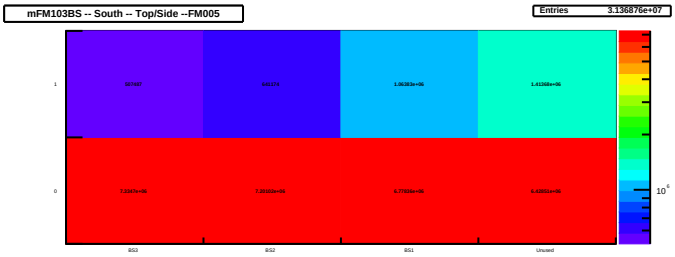
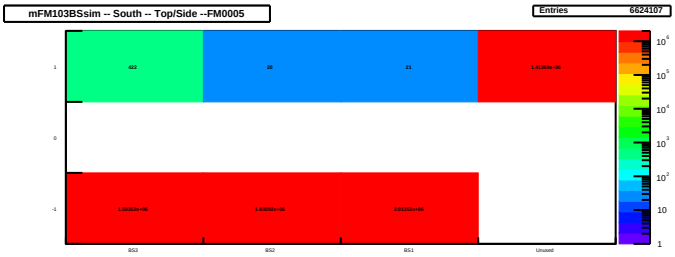

mFM103BS -- South -- Top/Side --FM005
Entries 3.136876e+07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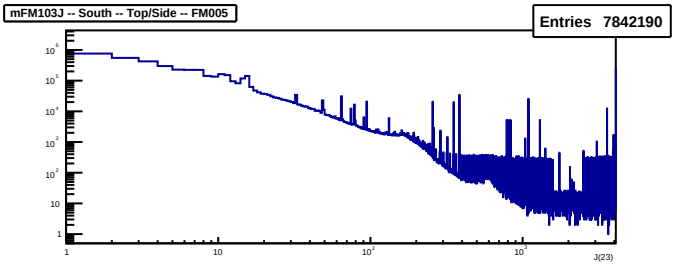
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Entries 7842190
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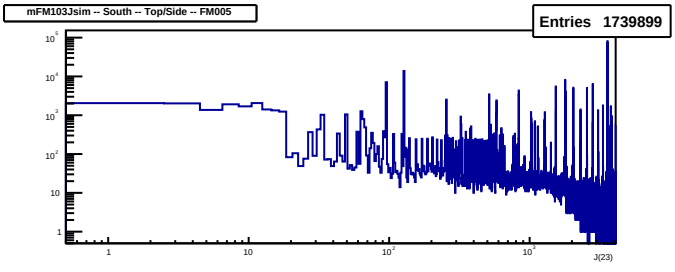
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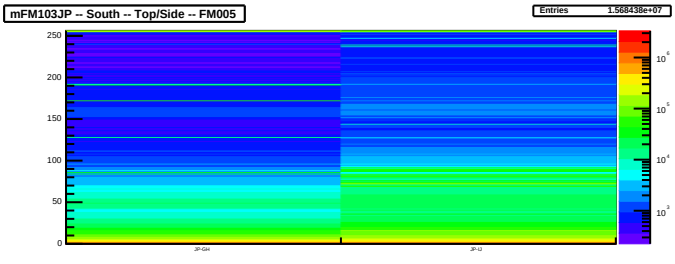
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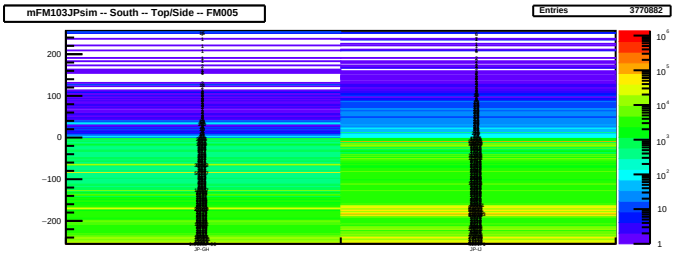
Entries 1.568438e+07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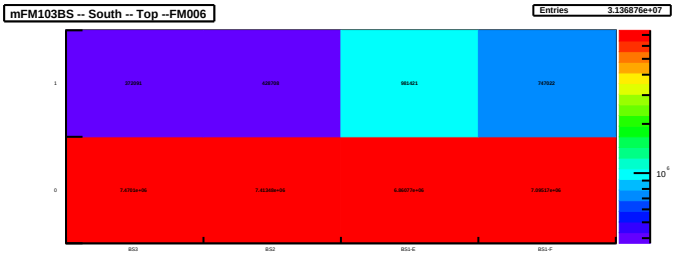
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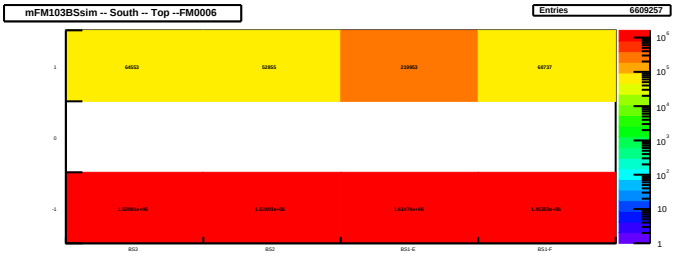
Entries 3.136876e+07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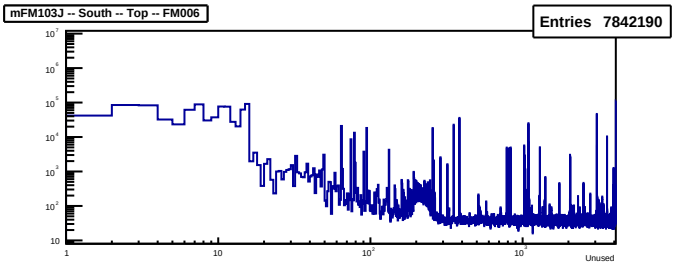
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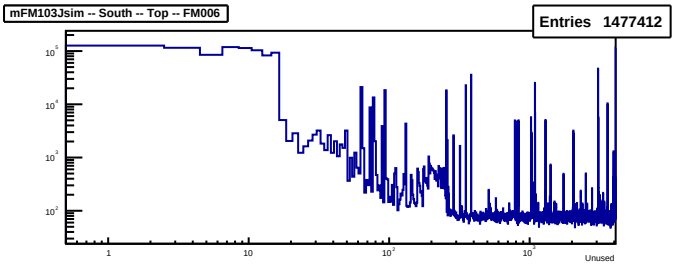
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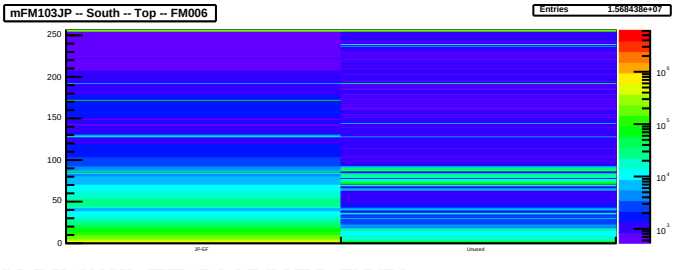
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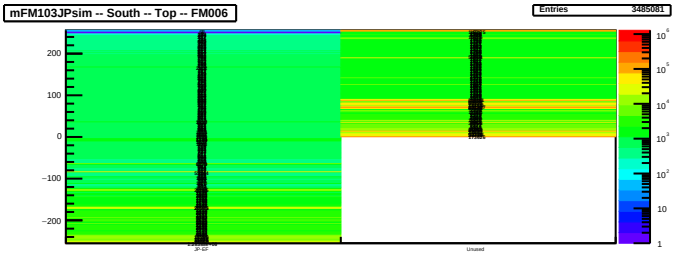
Entries 1.568438e+07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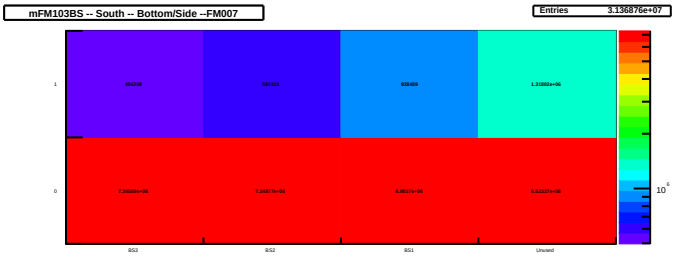
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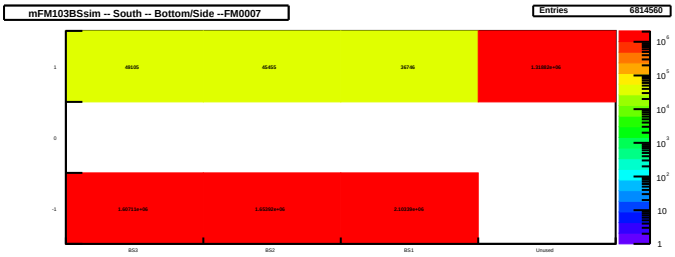
Entries 3.136876e+07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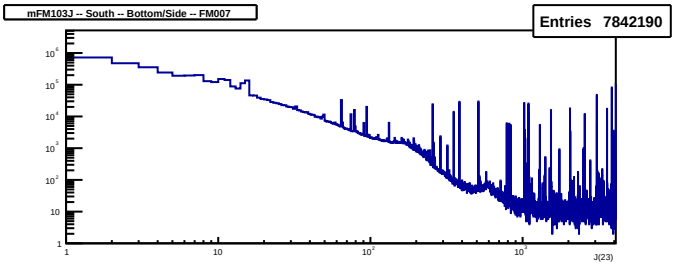
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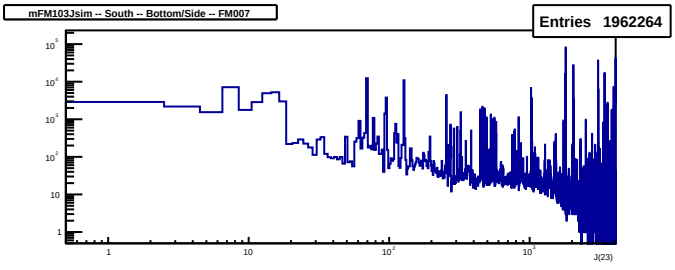
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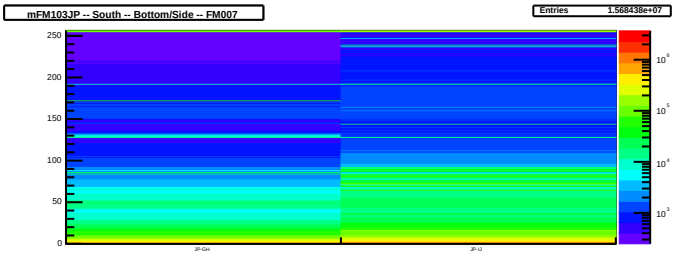
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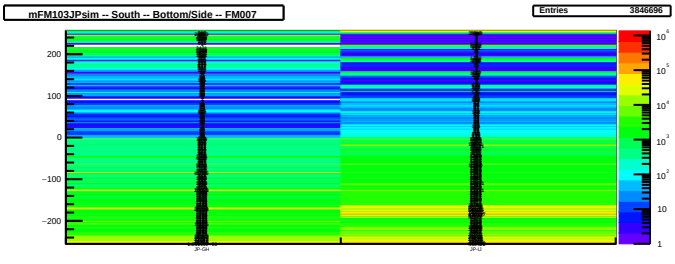
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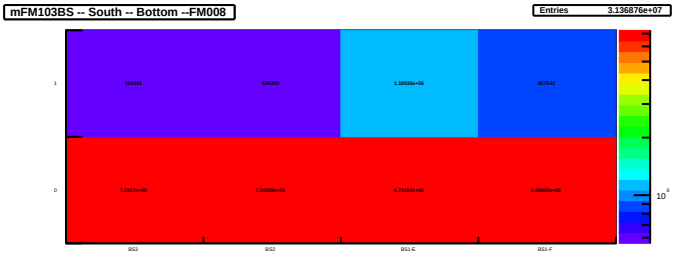
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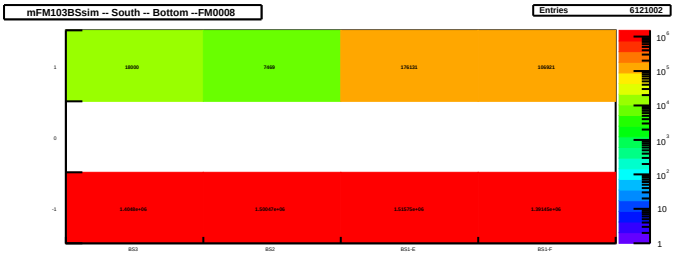
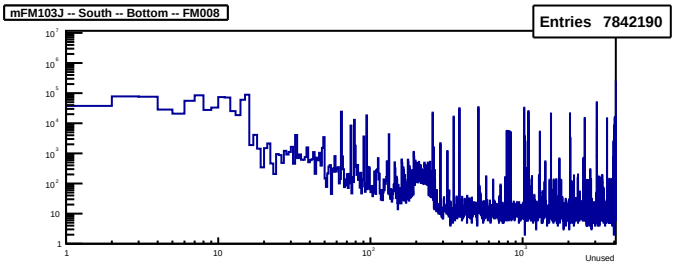
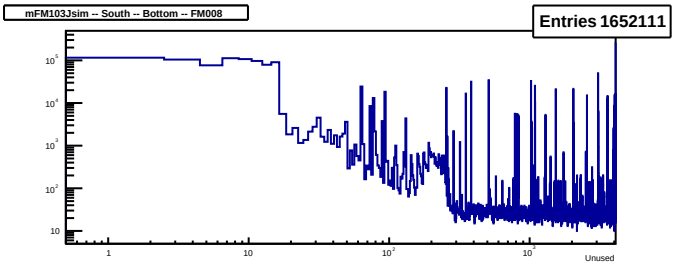

mFM103BSsim -- South -- Bottom --FM0008
Entries 6121002


mFM103J -- South -- Bottom -- FM008
Entries 7842190
Unused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Entries 1652111
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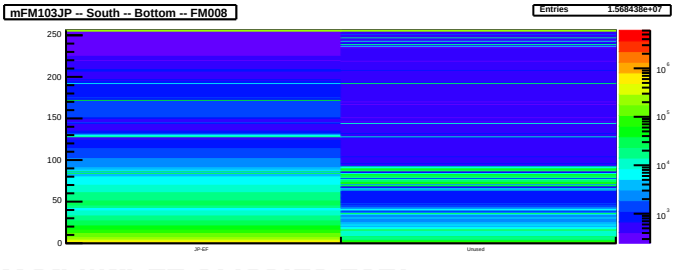
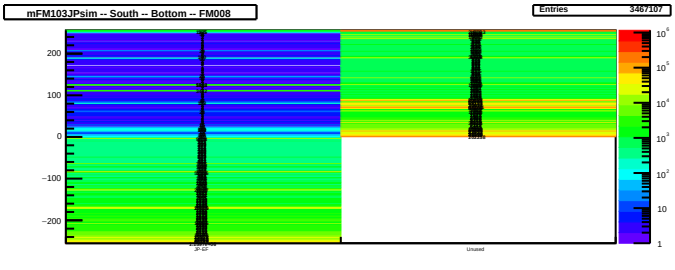
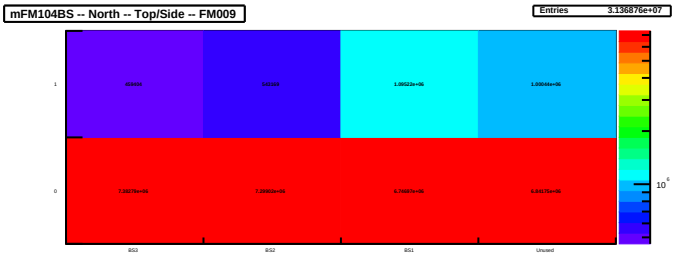
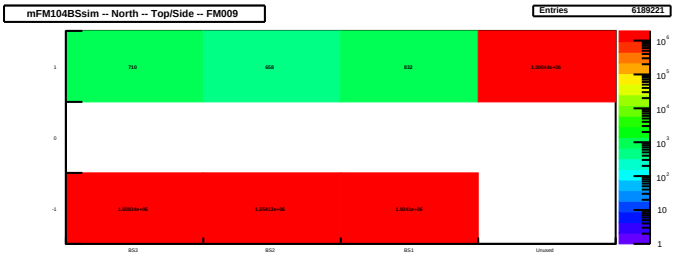
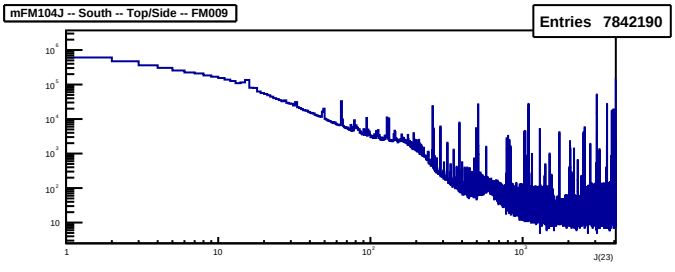
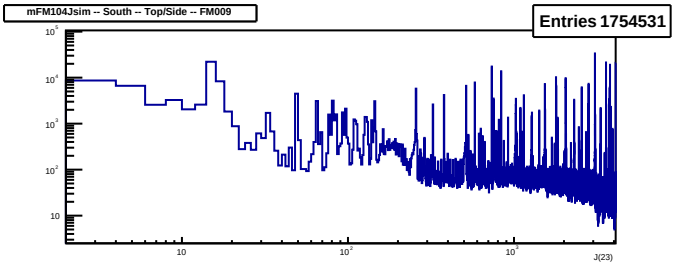

mFM103JP -- South -- Bottom -- FM008
Entries 1.568438e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3467107


mFM104BS -- North -- Top/Side -- FM009
Entries 3.136876e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6189221


mFM104J -- South -- Top/Side -- FM009
Entries 7842190
J(23)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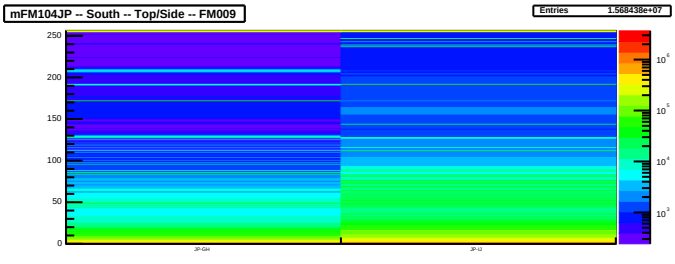
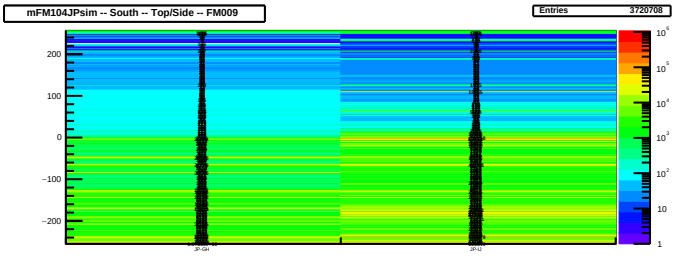
Entries 1754531
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.568438e+07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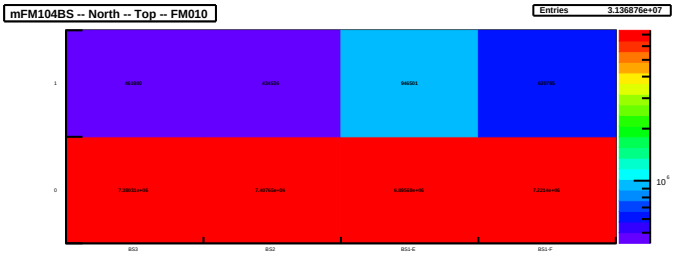
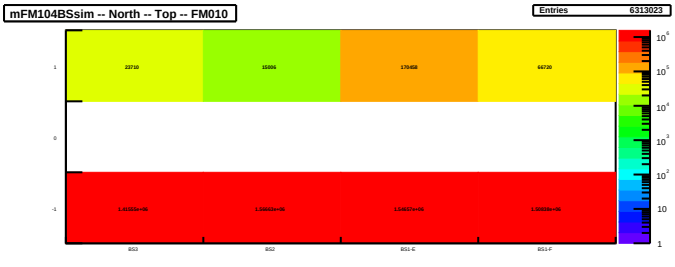
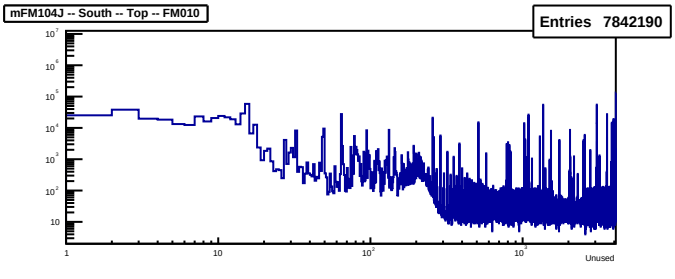
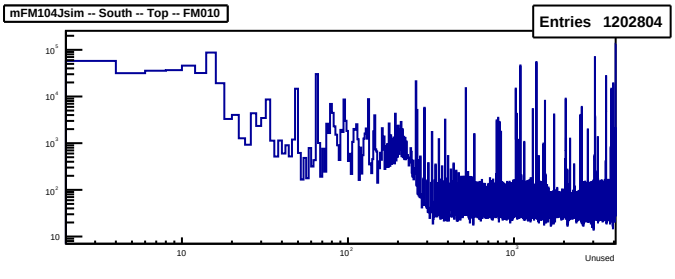
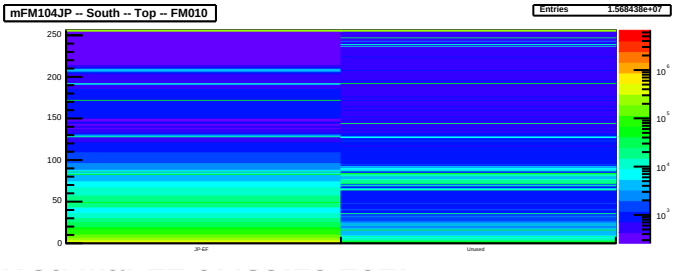
Entries 3720708

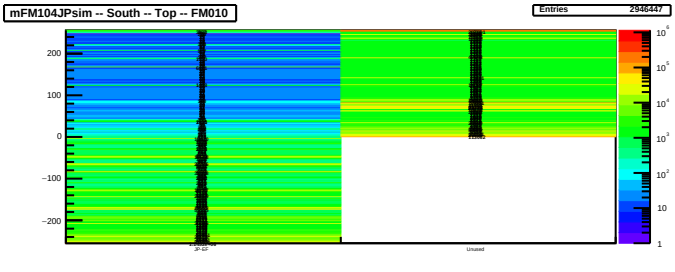

mFM104BS -- North -- Top -- FM010
Entries 3.136876e+07

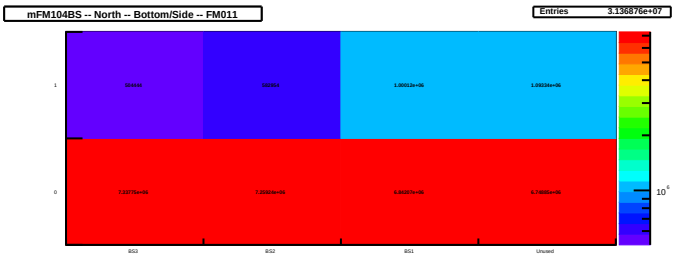

mFM104BSsim -- North -- Top -- FM010
Entries 6313023

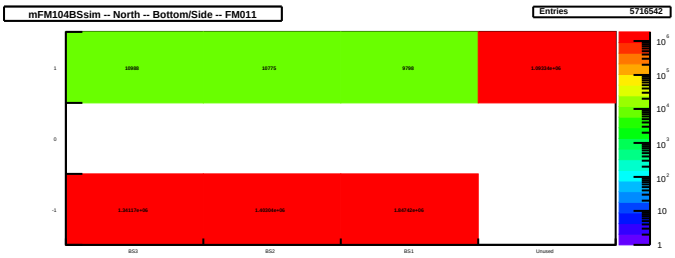

mFM104J -- South -- Top -- FM010
Entries 7842190
Unused

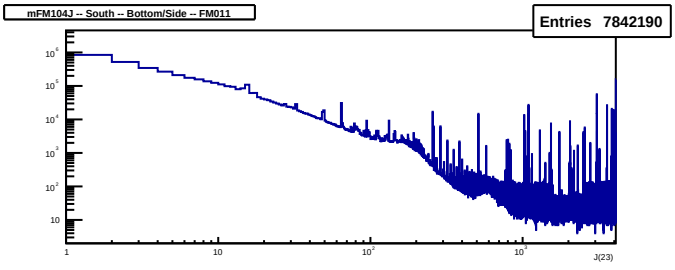

mFM104Jsim -- South -- Top -- FM010
Entries 1202804
Unused

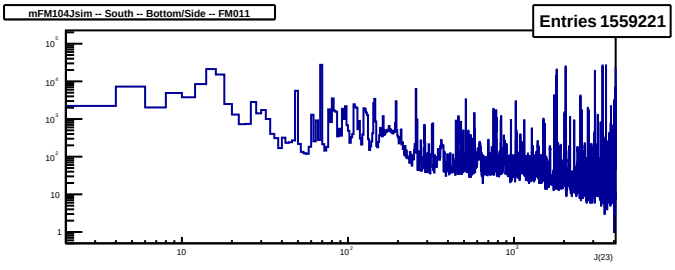

mFM104JP -- South -- Top -- FM010
Entries 1.568438e+07

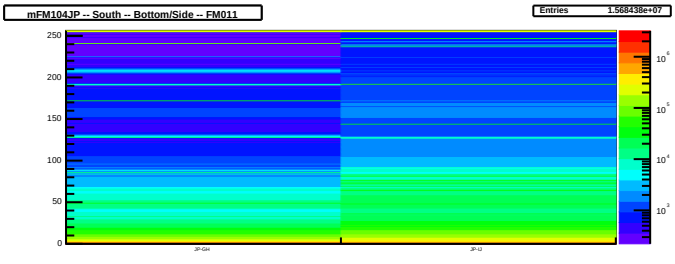

mFM104JPsim -- South -- Top -- FM010
Entries 2946447

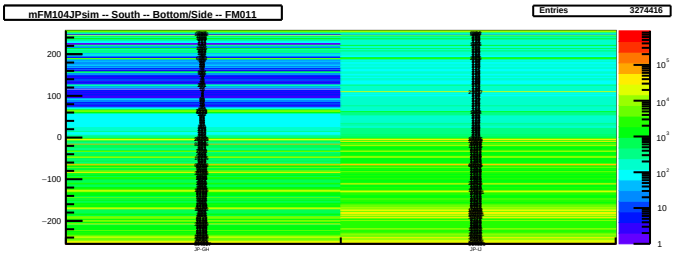

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3.136876e+07

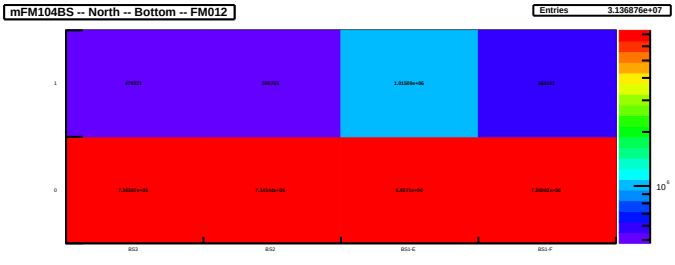

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5716542

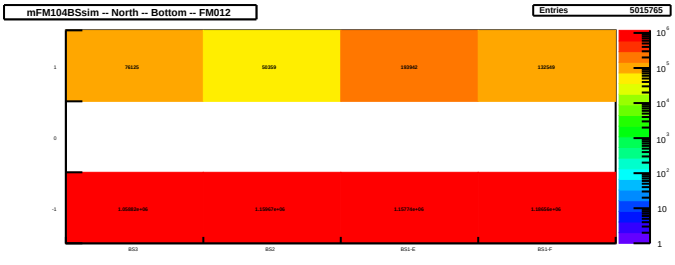

mFM104J -- South -- Bottom/Side -- FM011
Entries 7842190
J(23)

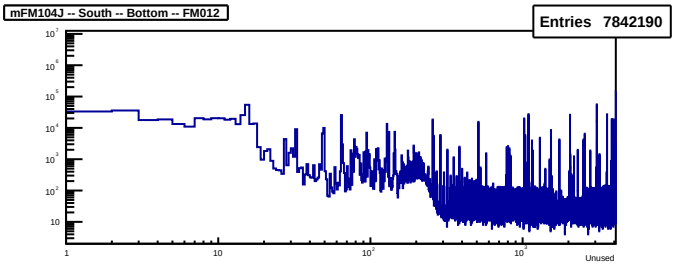

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1559221
J(23)

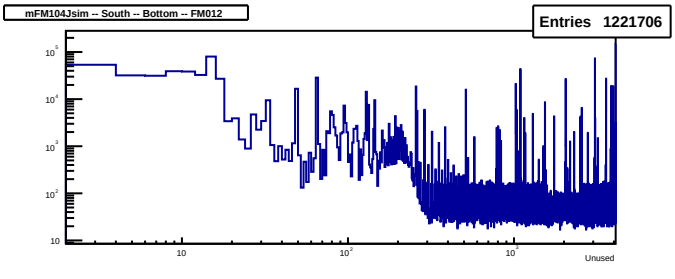

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.568438e+07

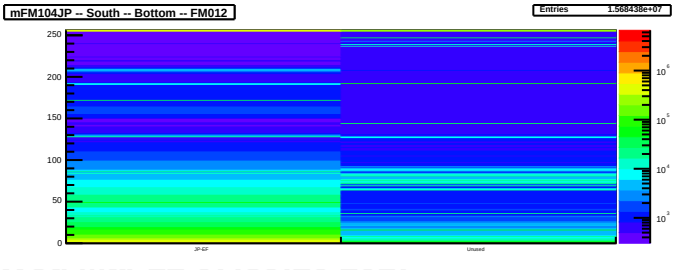

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3274416

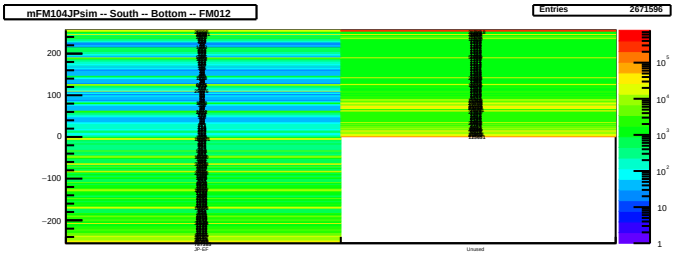

mFM104BS -- North -- Bottom -- FM012
Entries 3.136876e+07

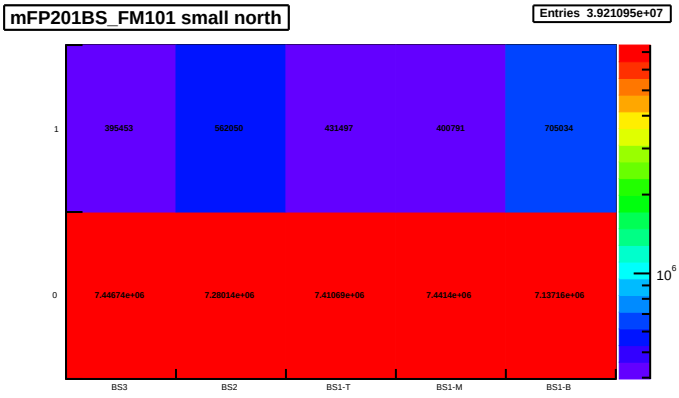

mFM104BSsim -- North -- Bottom -- FM012
Entries 5015765

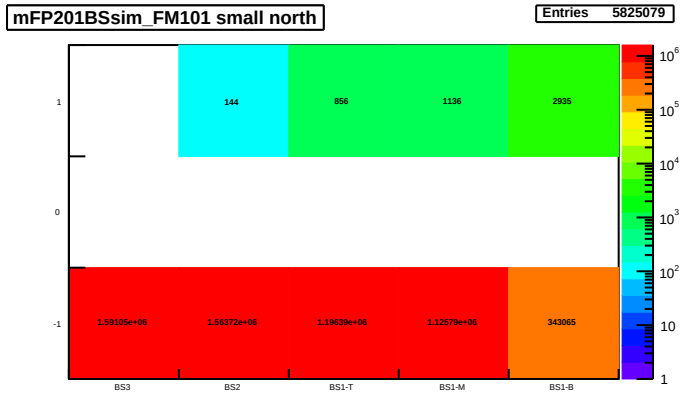

mFM104J -- South -- Bottom -- FM012
Entries 7842190
Unused

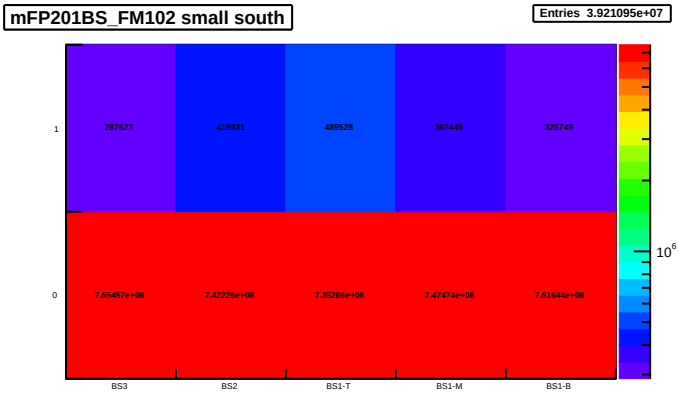

mFM104Jsim -- South -- Bottom -- FM012
Entries 1221706
Unused

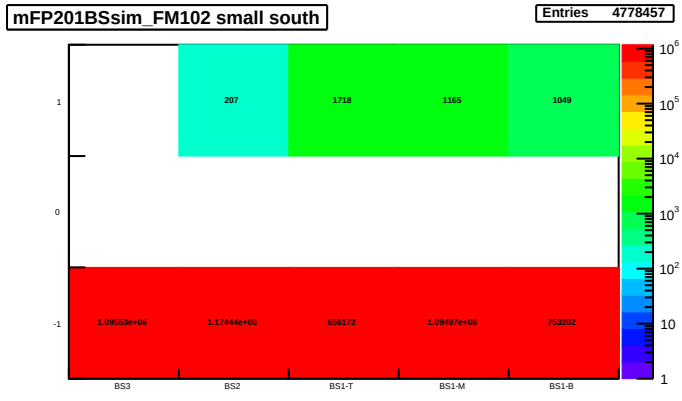

mFM104JP -- South -- Bottom -- FM012
Entries 1.568438e+07

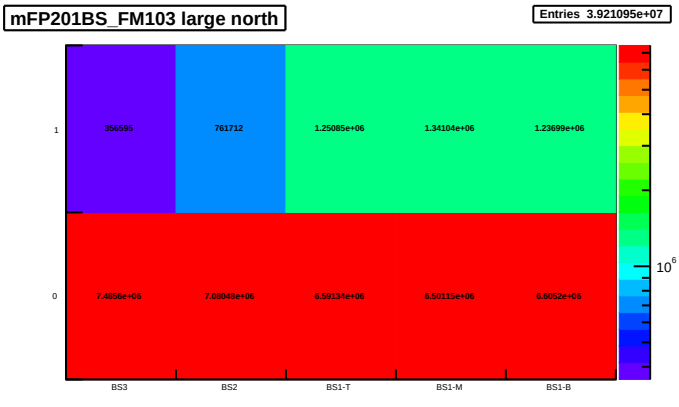

mFM104JPsim -- South -- Bottom -- FM012
Entries 2671596

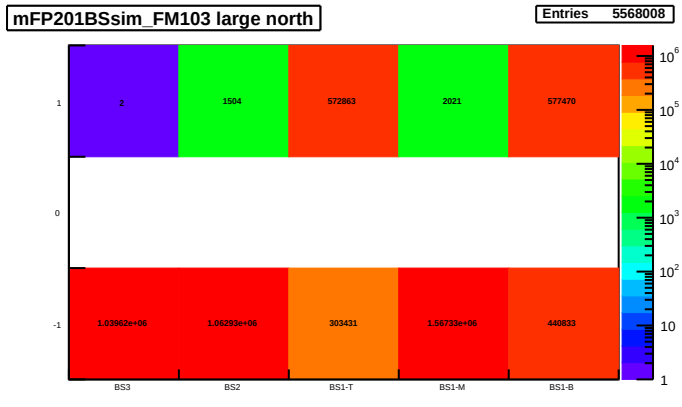

mFP201BS_FM101 small north
Entries 3.921095e+07
395453
562050
431497
400791
705034
7.44674e+06
7.28014e+06
7.41069e+06
7.4414e+06
7.13716e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

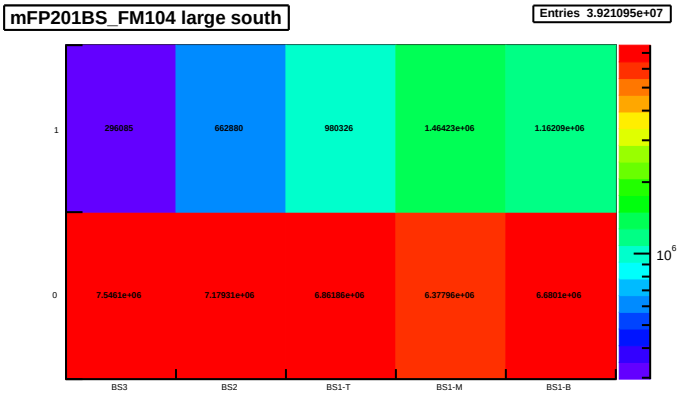

mFP201BSsim_FM101 small north
Entries 5825079
144
856
1136
2935
1.59105e+06
1.56372e+06
1.19639e+06
1.12579e+06
343065
BS3
BS2
BS1-T
BS1-M
BS1-B

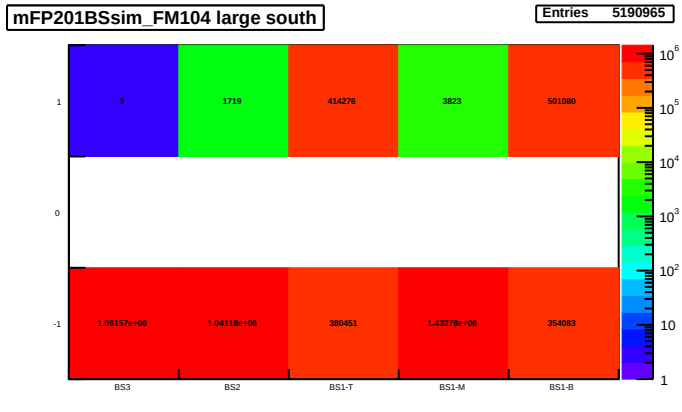

mFP201BS_FM102 small south
Entries 3.921095e+07
287623
419931
489528
367445
325749
7.55457e+06
7.42226e+06
7.35266e+06
7.47474e+06
7.51644e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

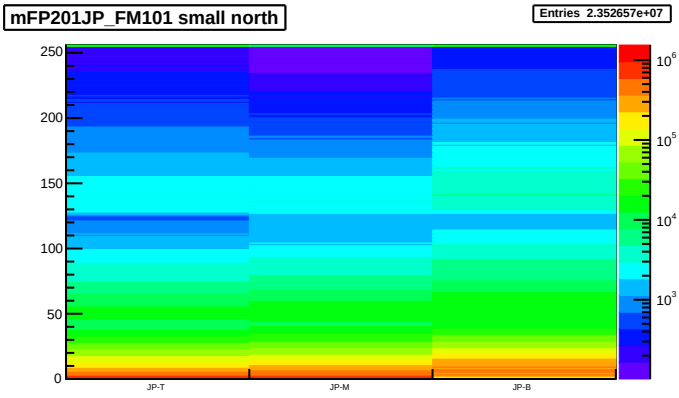

mFP201BSsim_FM102 small south
Entries 4778457
207
1718
1165
1049
1.09553e+06
1.17444e+06
656172
1.09497e+06
753202
BS3
BS2
BS1-T
BS1-M
BS1-B

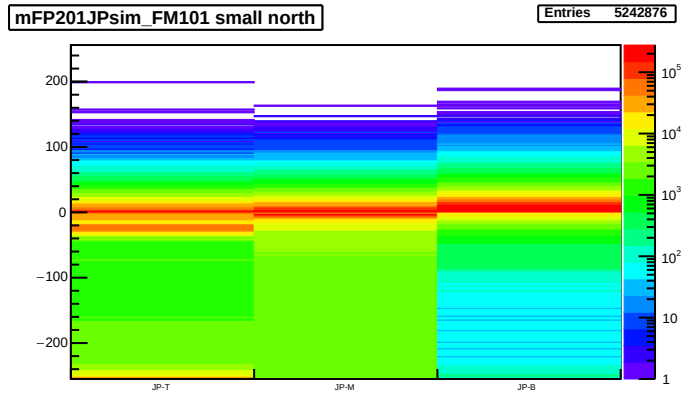

mFP201BS_FM103 large north
Entries 3.921095e+07
356595
761712
1.25085e+06
1.34104e+06
1.23699e+06
7.4856e+06
7.08048e+06
6.59134e+06
6.50115e+06
6.6052e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

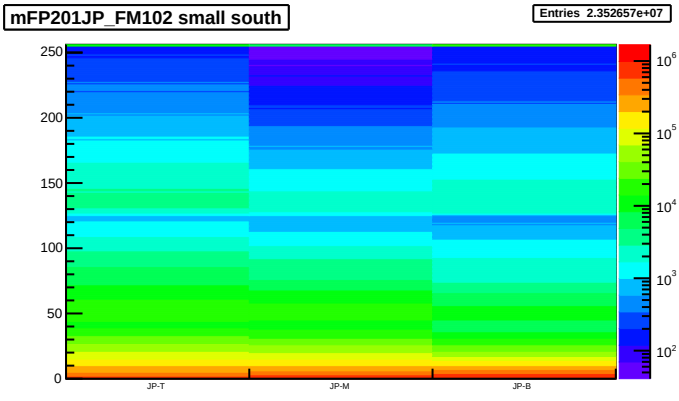

mFP201BSsim_FM103 large north
Entries 5568008
2
1504
572863
2021
577470
1.03962e+06
1.06293e+06
303431
1.56733e+06
440833
BS3
BS2
BS1-T
BS1-M
BS1-B

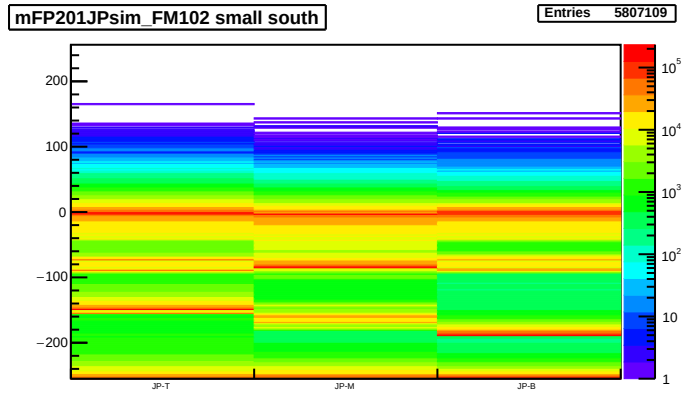

mFP201BS_FM104 large south
Entries 3.921095e+07
296085
662880
980326
1.46423e+06
1.16209e+06
7.5461e+06
7.17931e+06
6.86186e+06
6.37796e+06
6.6801e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

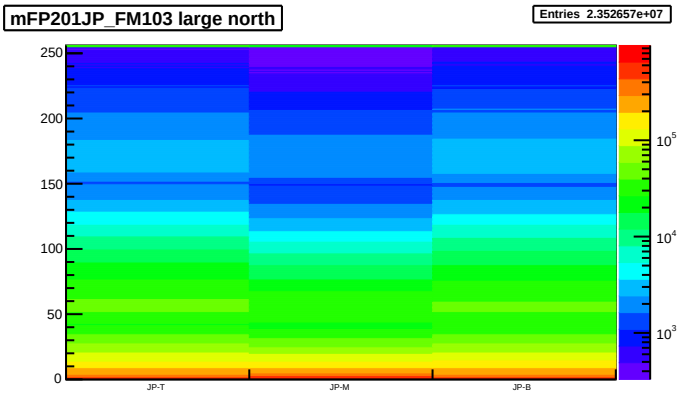

mFP201BSsim_FM104 large south
Entries 5190965
3
1719
414276
3823
501080
1.06157e+06
1.04118e+06
380451
1.43278e+06
354083
BS3
BS2
BS1-T
BS1-M
BS1-B

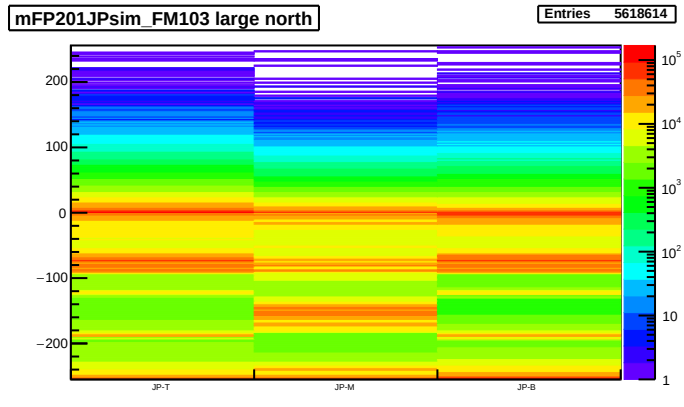

mFP201JP_FM101 small north
Entries 2.352657e+07
JP-T
JP-M
JP-B

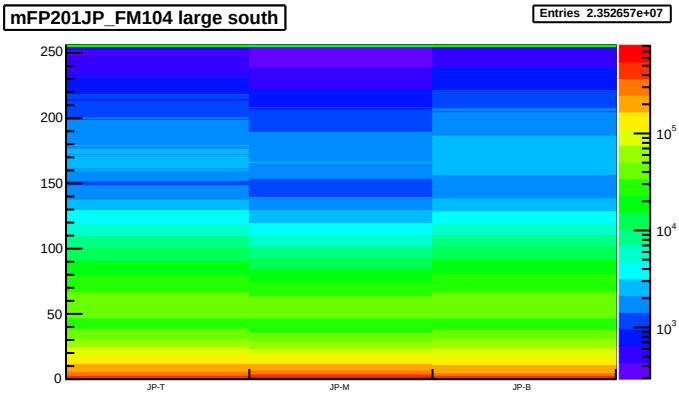

mFP201JPsim_FM101 small north
Entries 5242876
JP-T
JP-M
JP-B

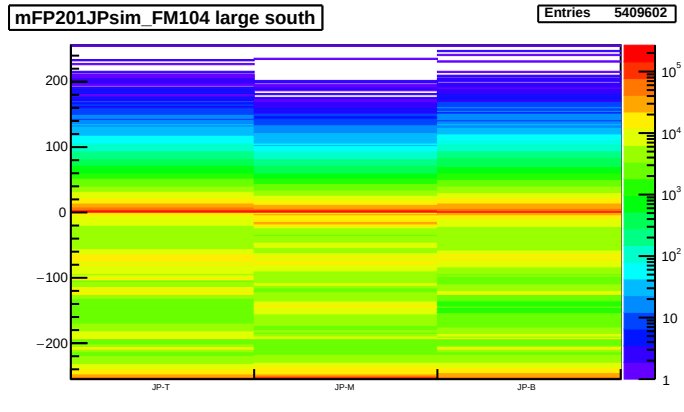

mFP201JP_FM102 small south
Entries 2.352657e+07
JP-T
JP-M
JP-B

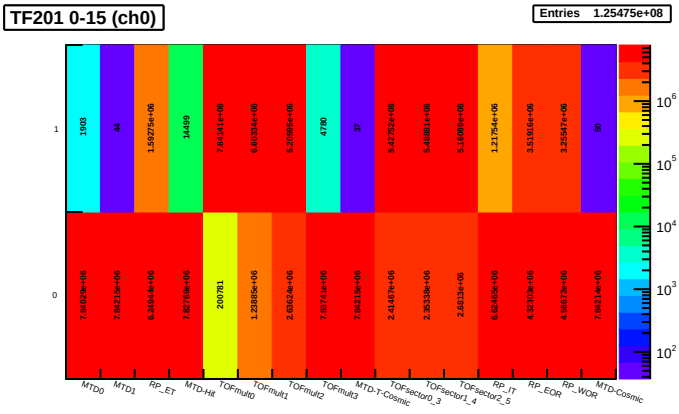

mFP201JPsim_FM102 small south
Entries 5807109
JP-T
JP-M
JP-B

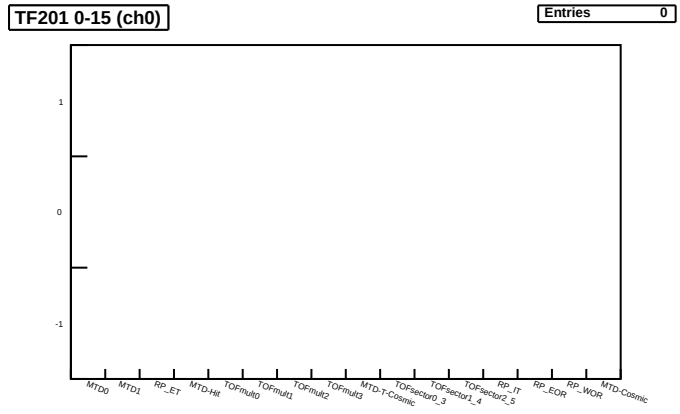

mFP201JP_FM103 large north
Entries 2.352657e+07
JP-T
JP-M
JP-B

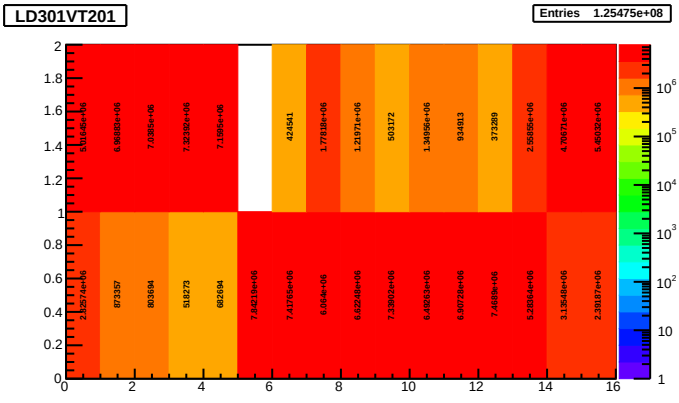

mFP201JPsim_FM103 large north
Entries 5618614
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 2.352657e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5409602
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.25475e+08
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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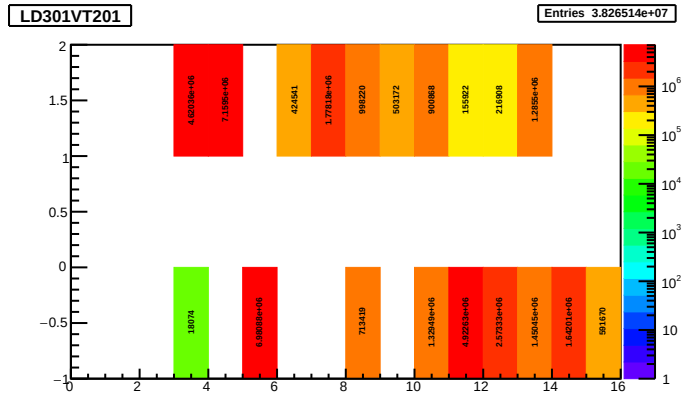
Entries 1.25475e+08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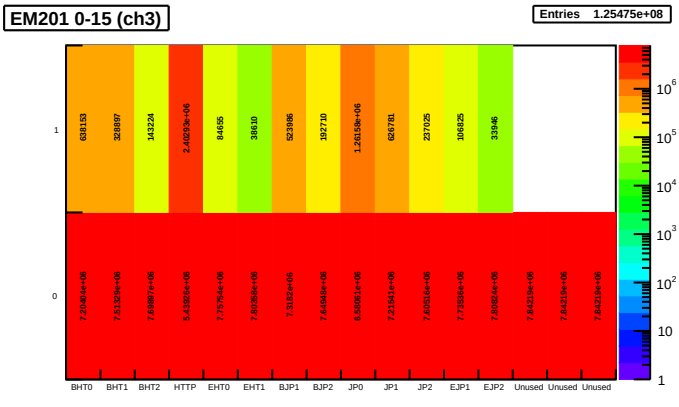
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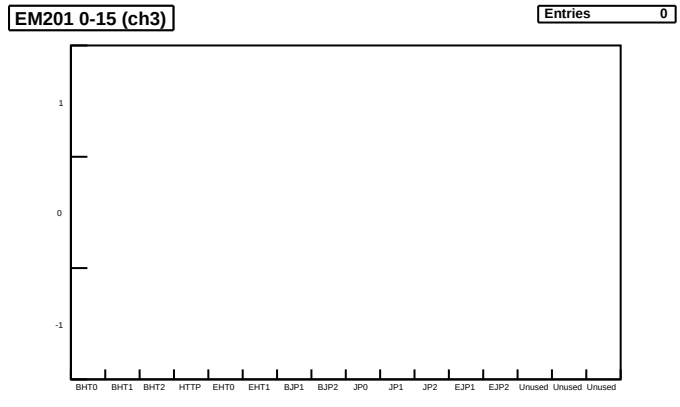
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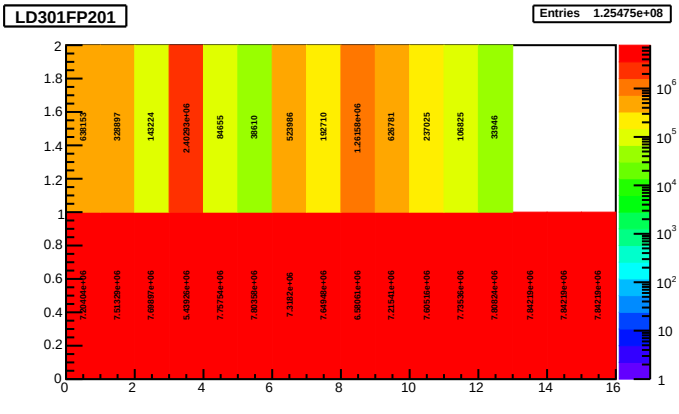
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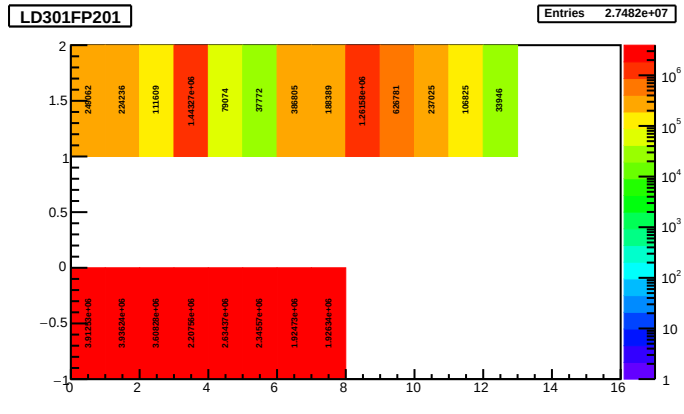
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