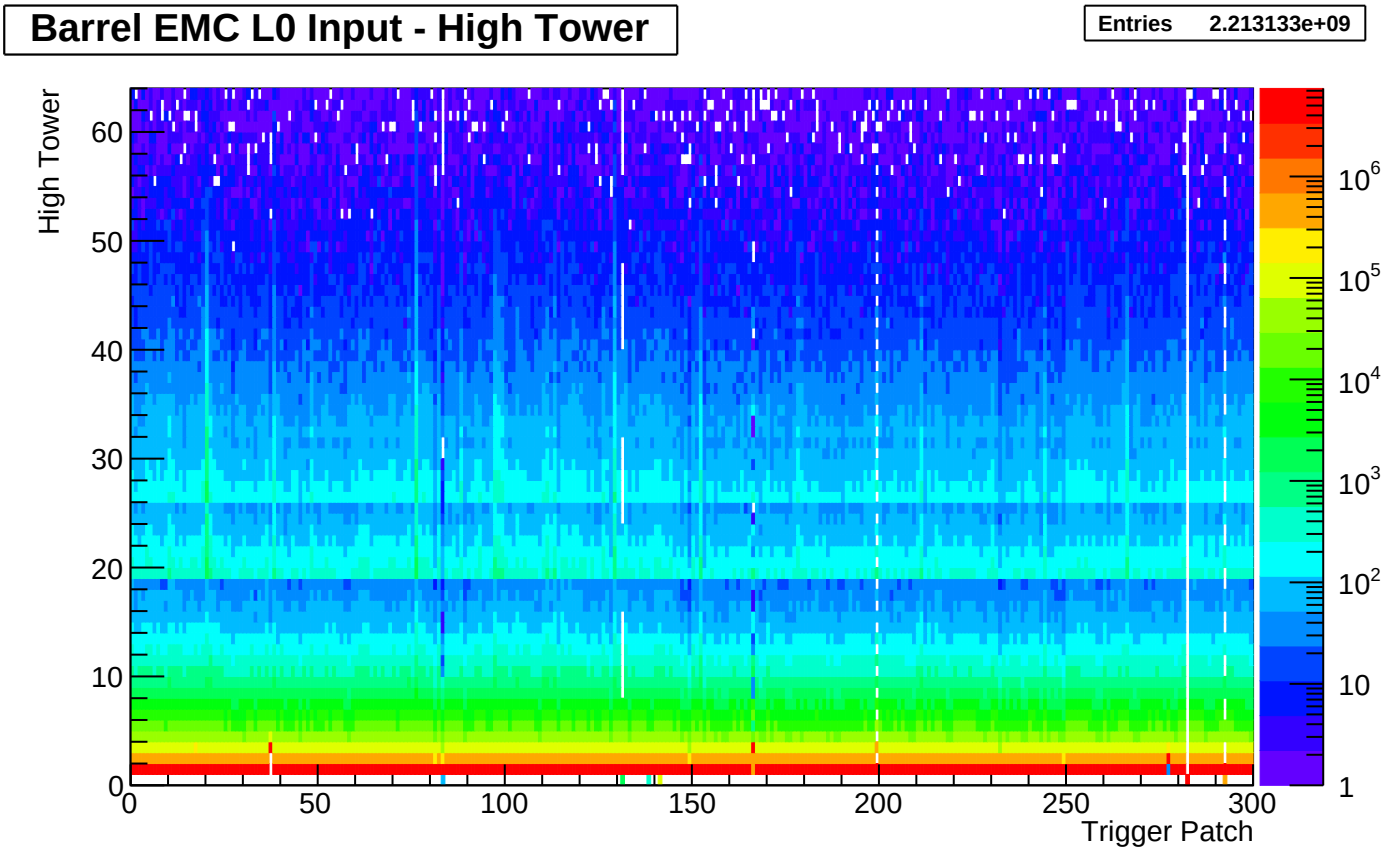
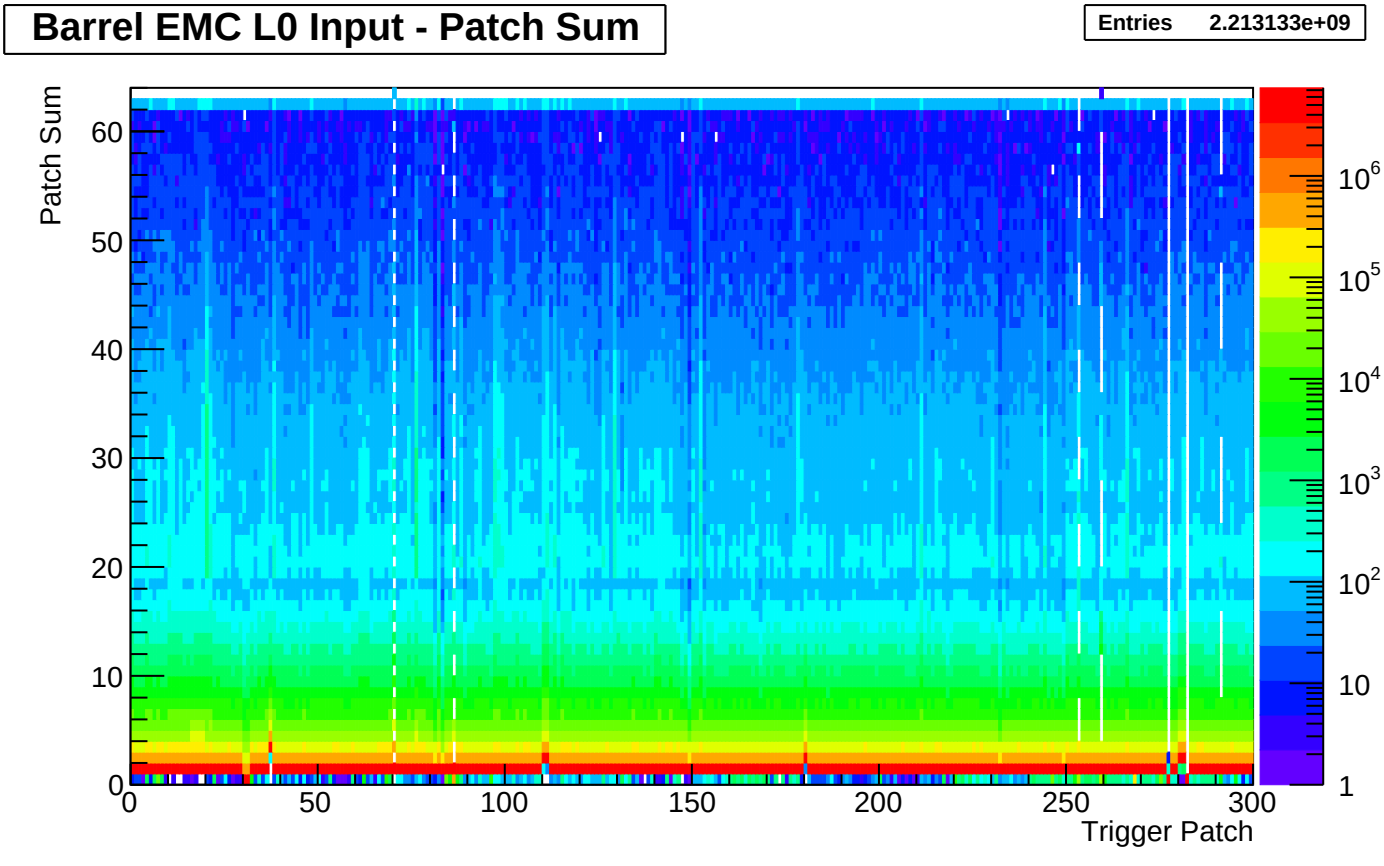
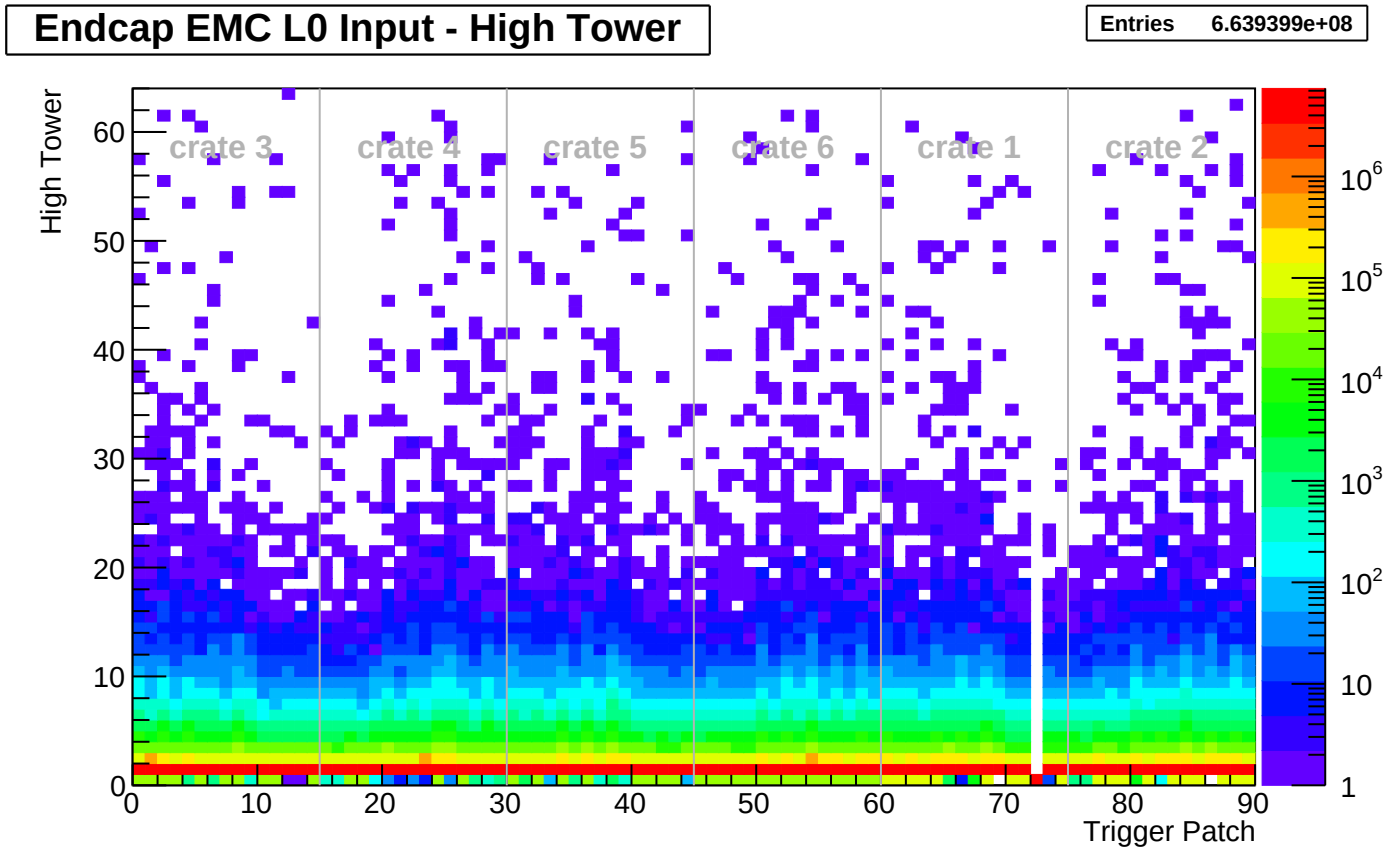
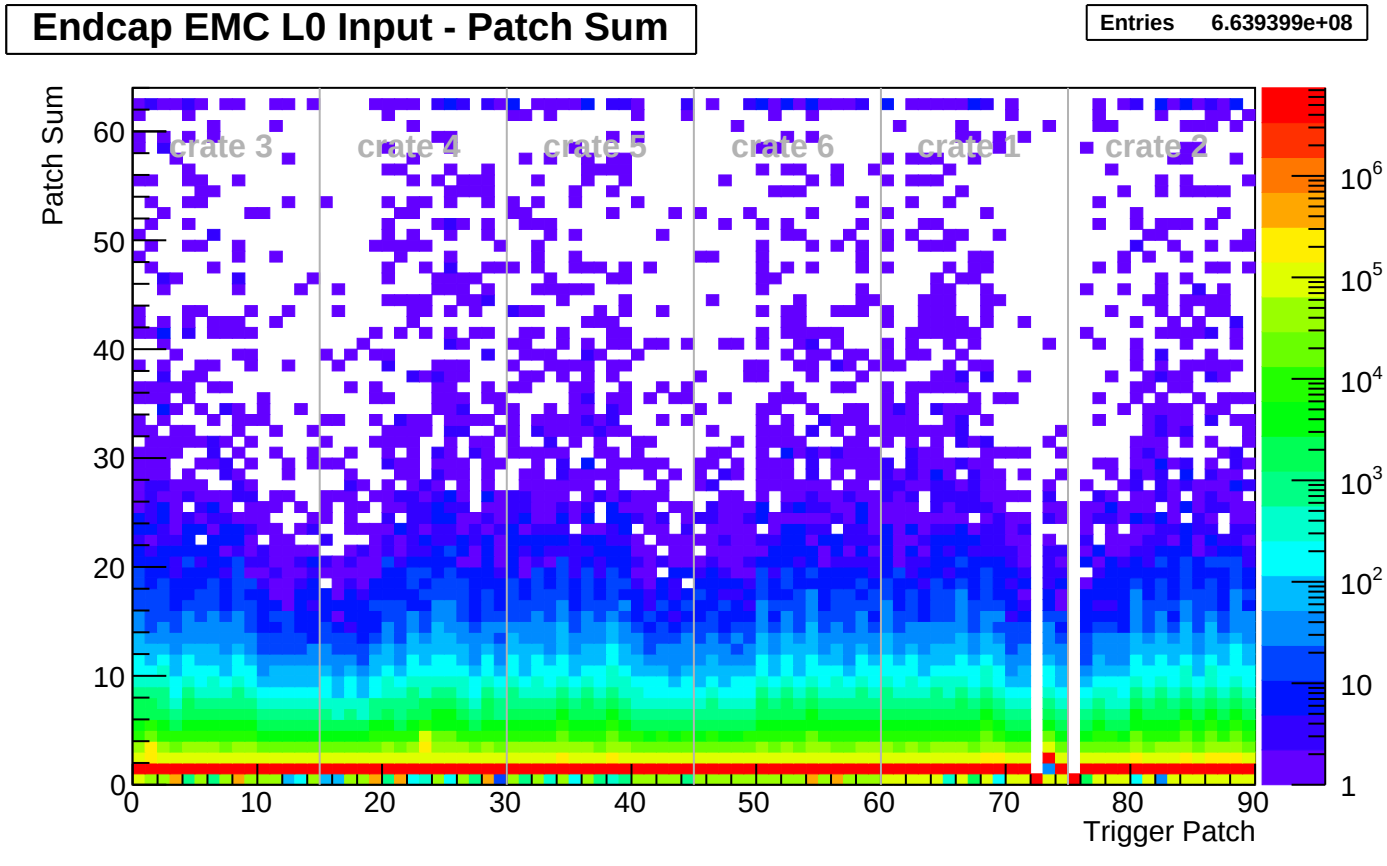
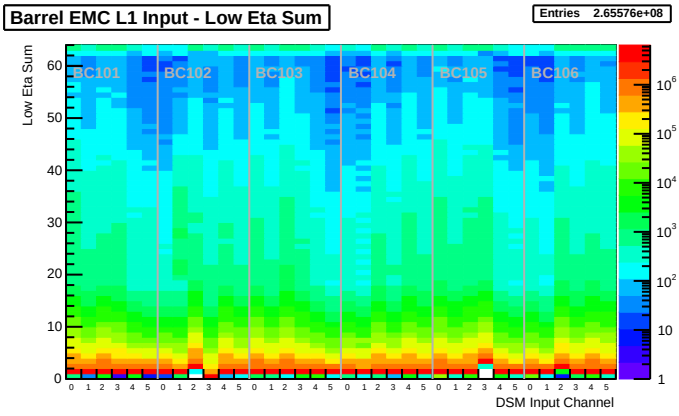
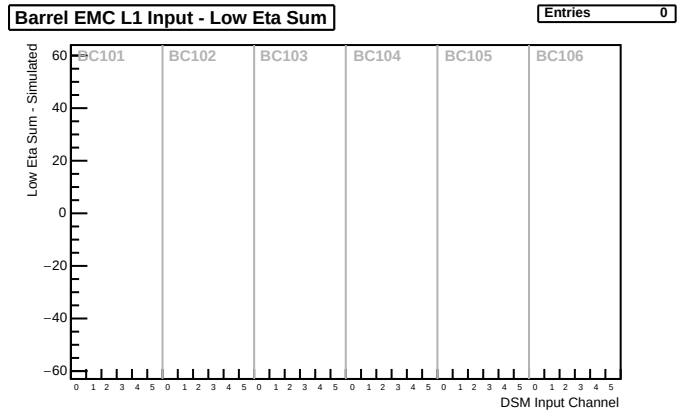

Barrel EMC L0 Input - High Tower
Entries 2.213133e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

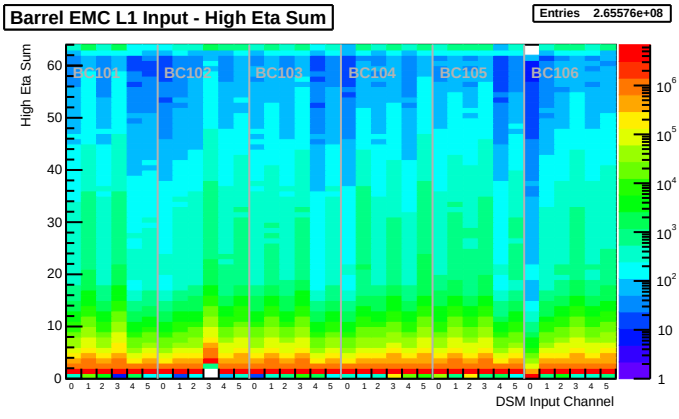

Barrel EMC L0 Input - Patch Sum
Entries 2.213133e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

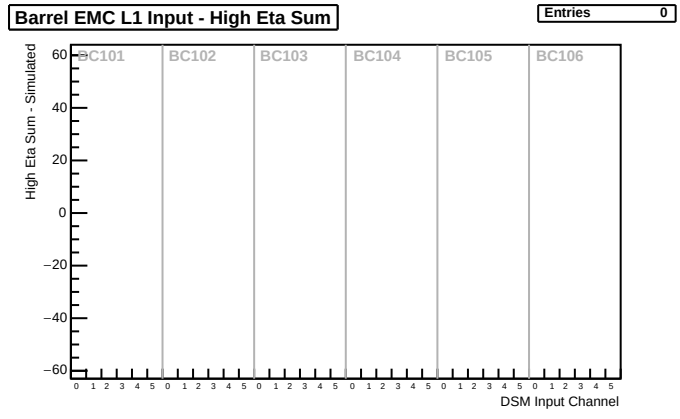

Endcap EMC L0 Input - High Tower
Entries 6.639399e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

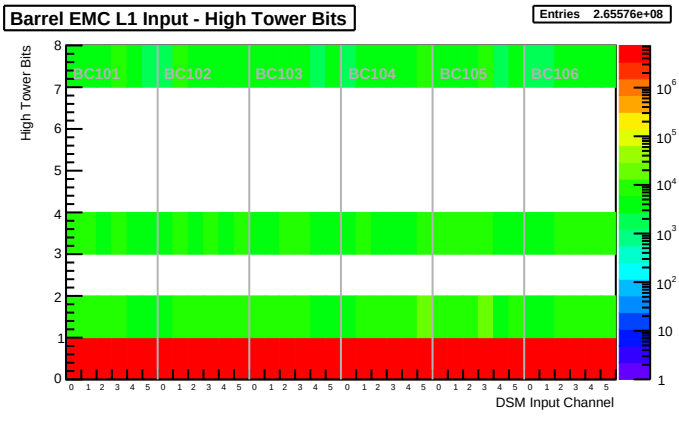

Endcap EMC L0 Input - Patch Sum
Entries 6.639399e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

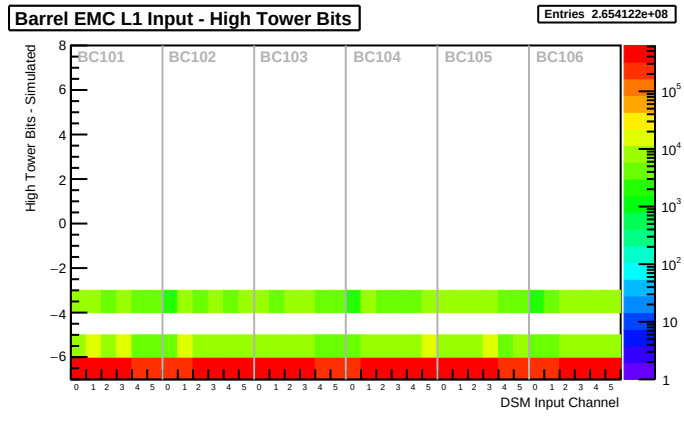

Barrel EMC L1 Input - Low Eta Sum
Entries 2.65576e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

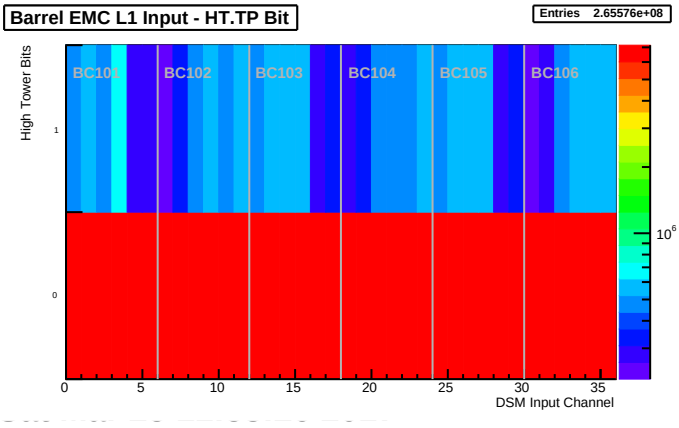

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

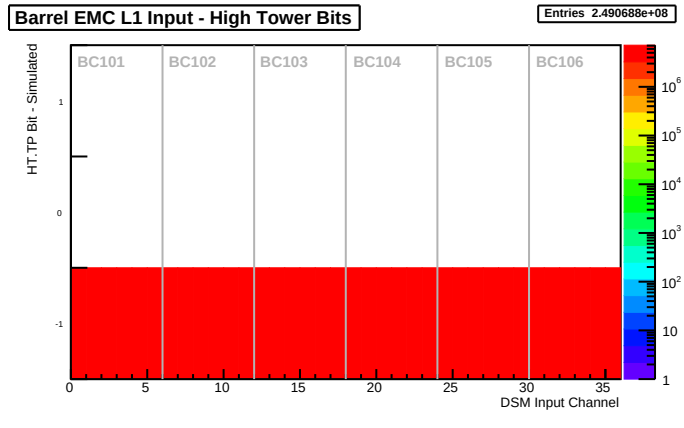

Barrel EMC L1 Input - High Eta Sum
Entries 2.65576e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

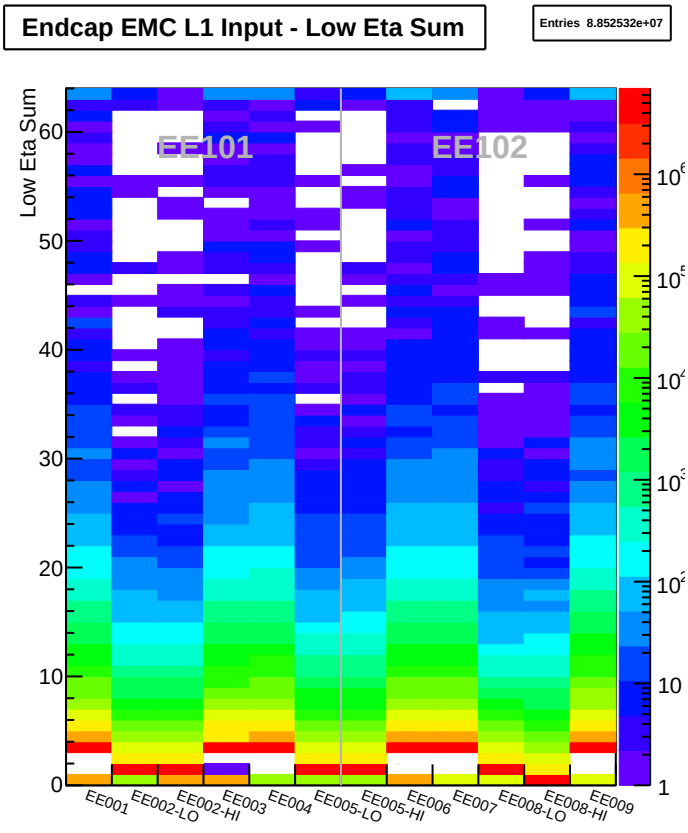

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

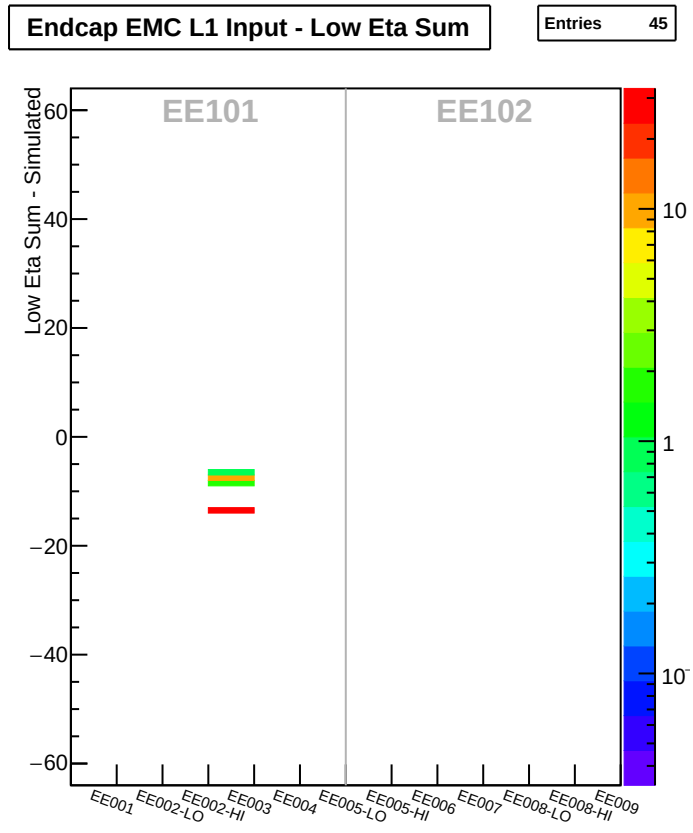

Barrel EMC L1 Input - High Tower Bits
Entries 2.65576e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

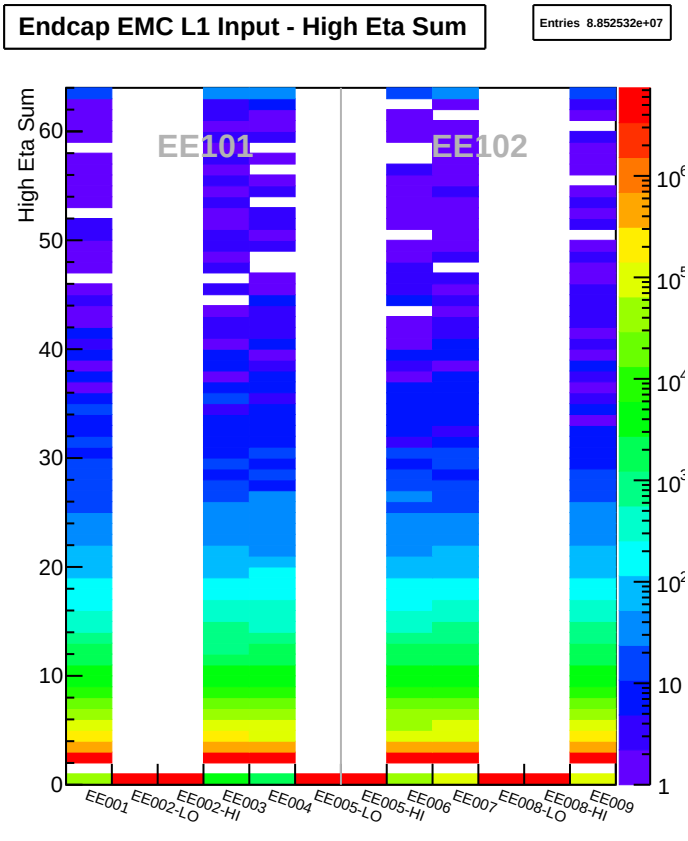

Barrel EMC L1 Input - High Tower Bits
Entries 2.654122e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

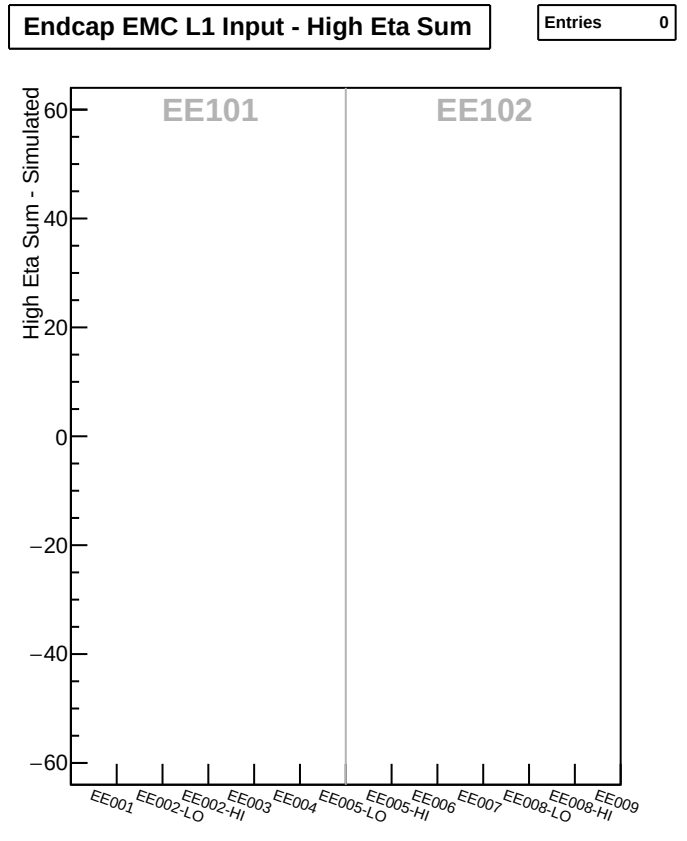

Barrel EMC L1 Input - HT.TP Bit
Entries 2.65576e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 2.490688e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

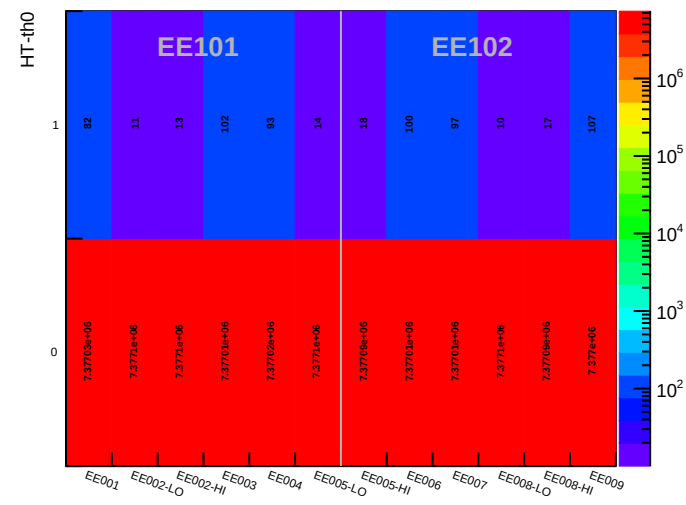

Endcap EMC L1 Input - Low Eta Sum
Entries 8.852532e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 45
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

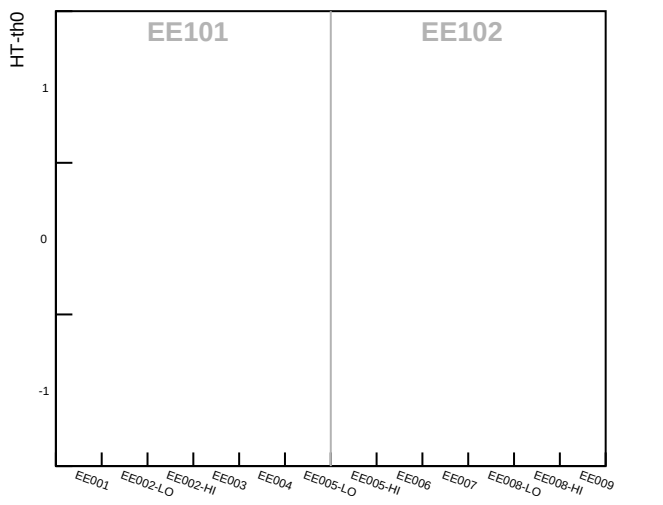

Endcap EMC L1 Input - High Eta Sum
Entries 8.852532e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

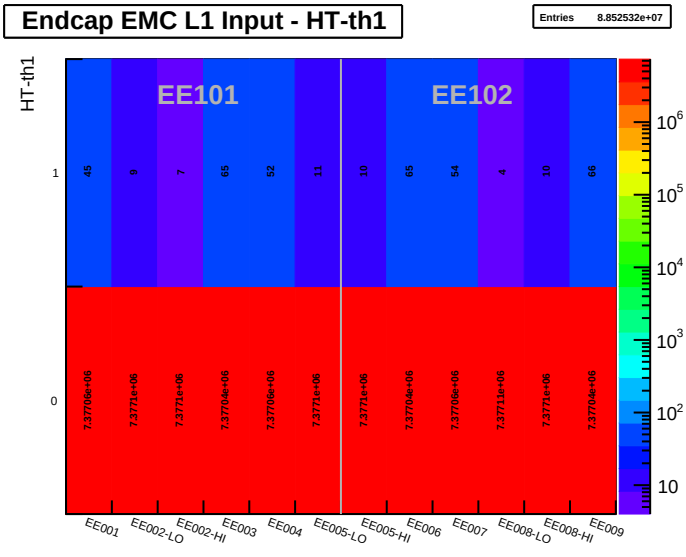
Endcap EMC L1 Input - HT-th0



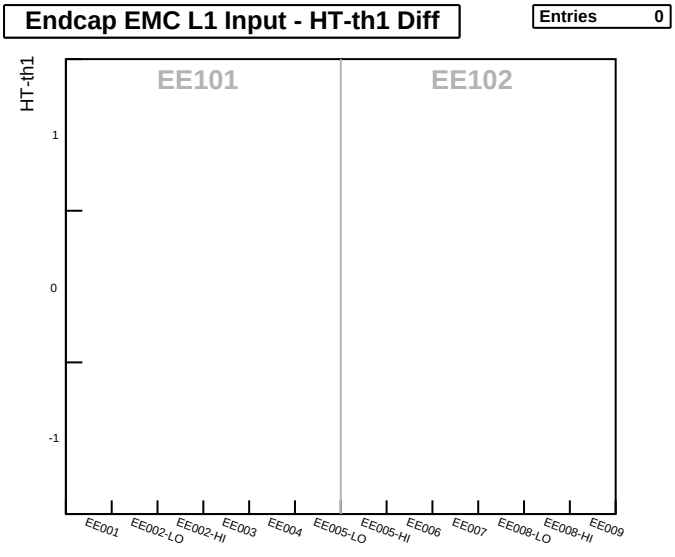
Endcap EMC L1 Input - HT-th0 Diff



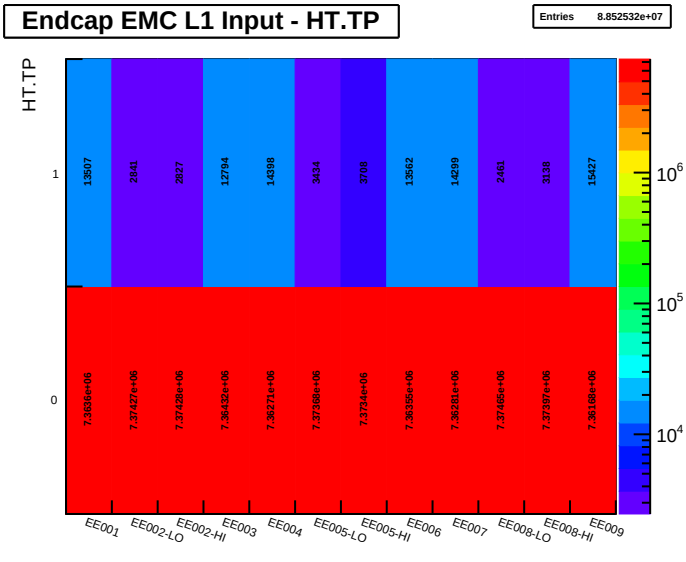
Endcap EMC L1 Input - HT-th1



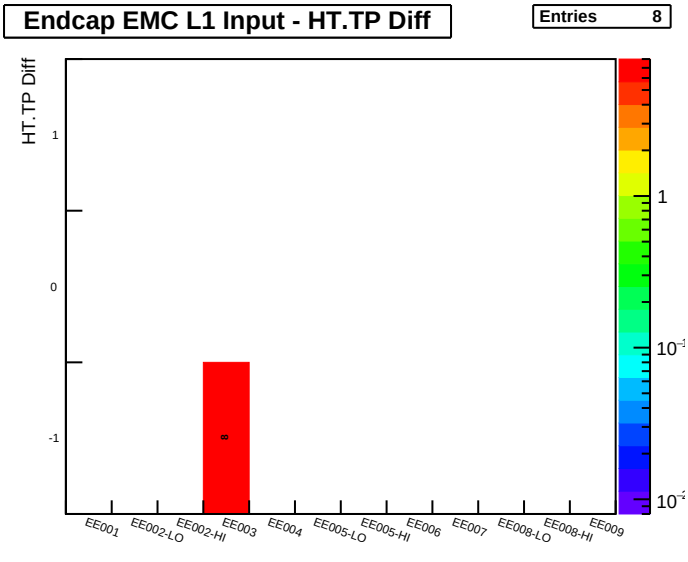
Endcap EMC L1 Input - HT-th1 Diff

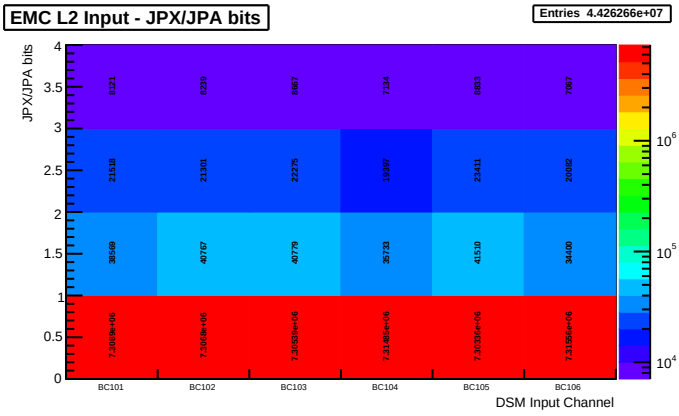


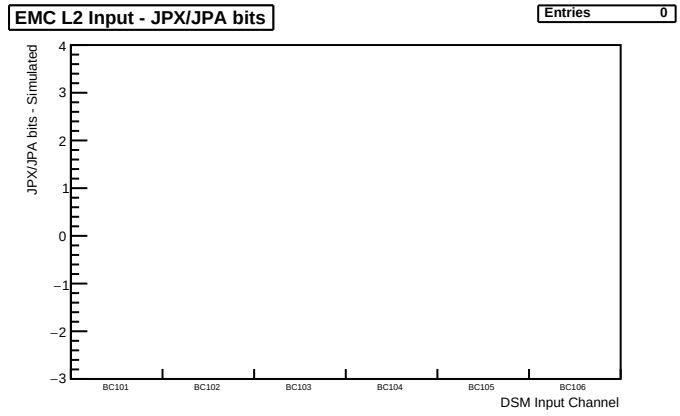
Endcap EMC L1 Input - HT.TP

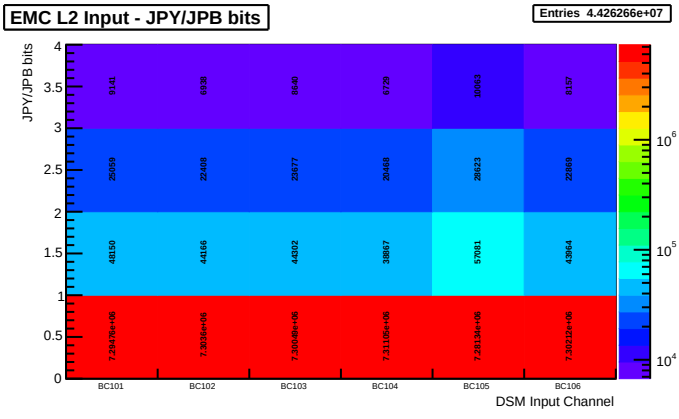


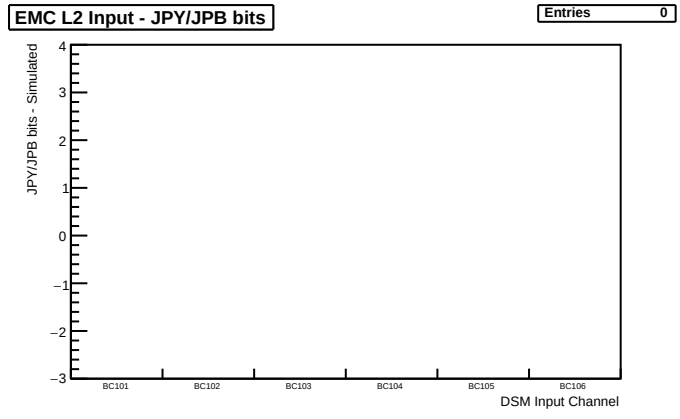
Endcap EMC L1 Input - HT.TP Diff

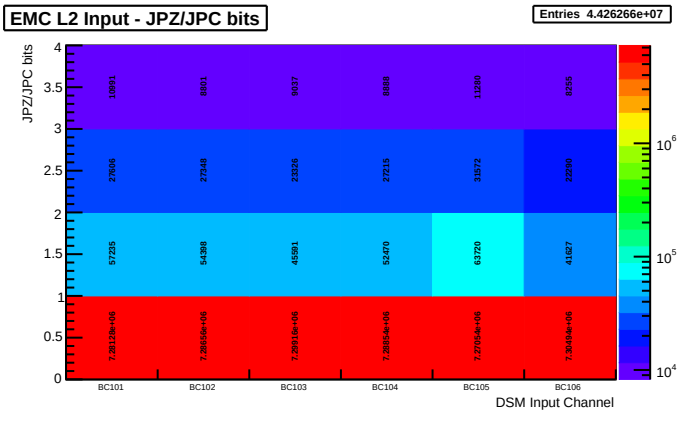


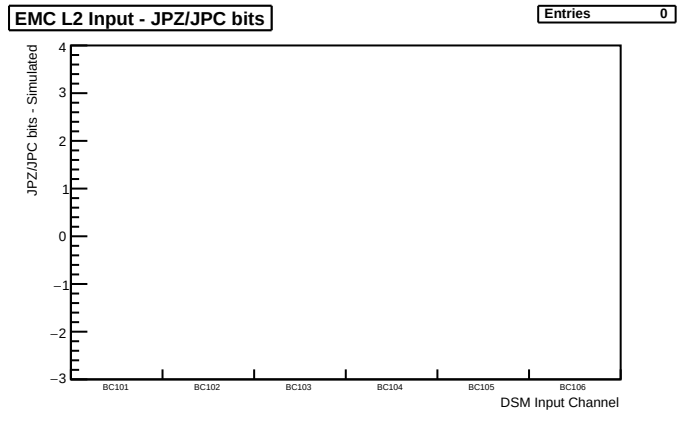

EMC L2 Input - JPX/JPA bits
Entries 4.426266e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8121
8229
8667
7134
8833
7067
21518
21301
22275
19397
23411
20082
38569
40767
40779
35733
41510
34400
7.3089e+06
7.3068e+06
7.3053e+06
7.3148e+06
7.3033e+06
7.3155e+06

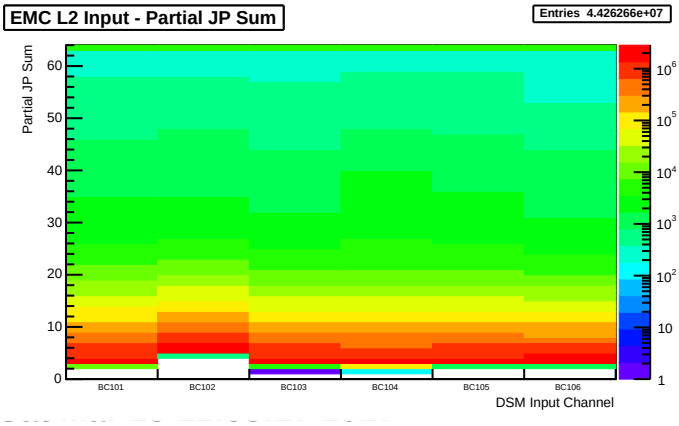

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

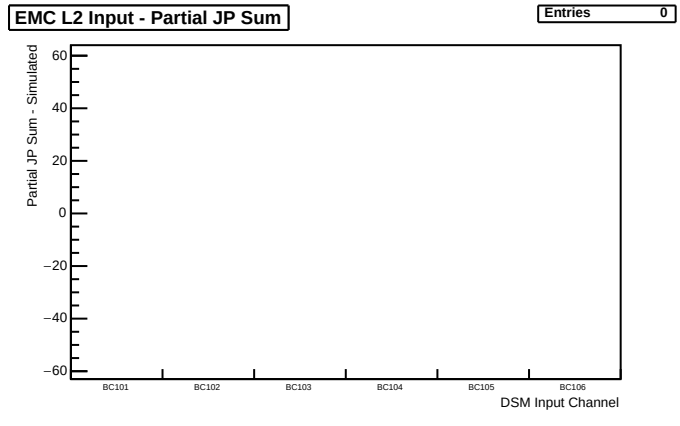

EMC L2 Input - JPY/JPB bits
Entries 4.426266e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9141
6936
8940
6729
10663
8157
25059
22408
23977
20468
28623
22869
48150
44166
44302
38867
57081
43964
7.2947e+06
7.3036e+06
7.3004e+06
7.3110e+06
7.2913e+06
7.3021e+06

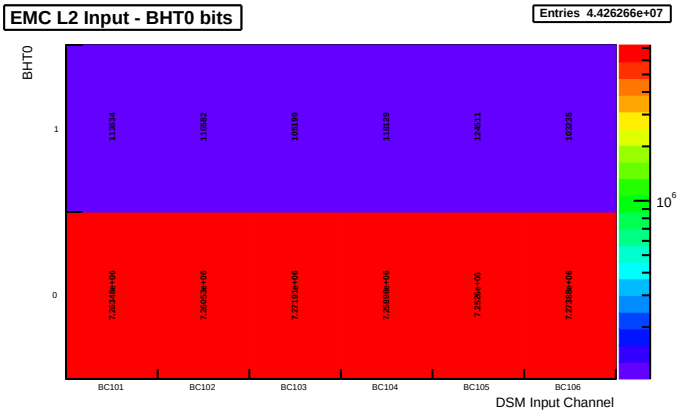

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

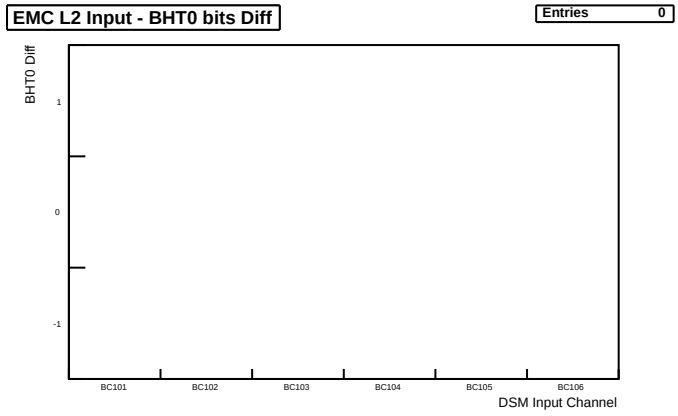

EMC L2 Input - JPZ/JPC bits
Entries 4.426266e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10691
8801
9037
8888
11280
8255
27606
27243
23326
27215
31572
22200
57235
54398
45991
52470
63720
41627
7.3112e+06
7.2855e+06
7.2991e+06
7.2885e+06
7.2705e+06
7.3040e+06

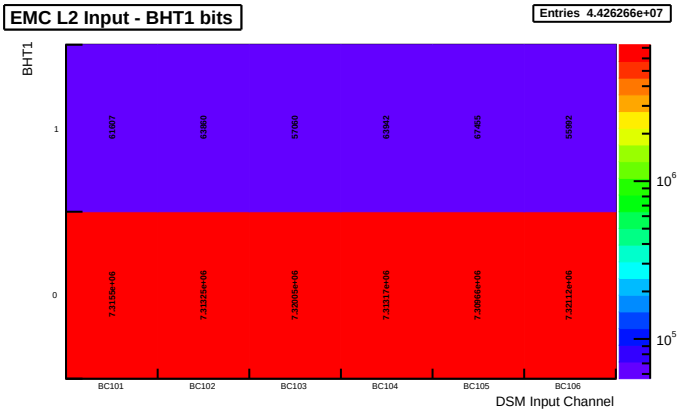

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

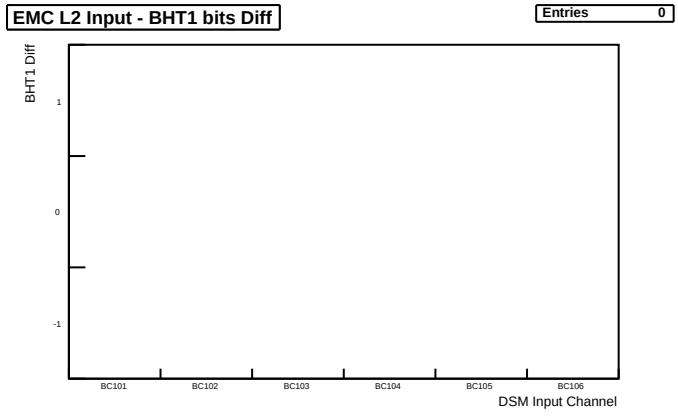

EMC L2 Input - Partial JP Sum
Entries 4.426266e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

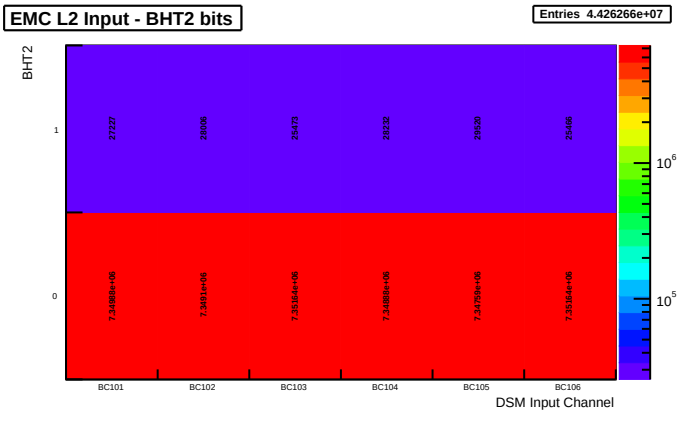

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

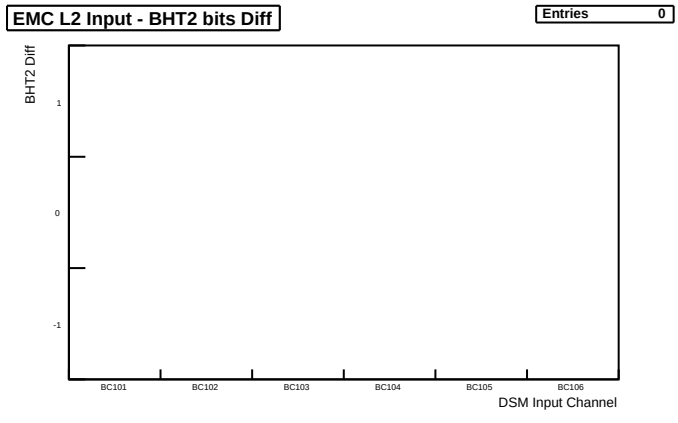

EMC L2 Input - BHT0 bits
Entries 4.426266e+07
BHT0
1
0
113434
116582
105399
118129
124511
103235
7.25348e+06
7.25053e+06
7.27191e+06
7.25898e+06
7.23526e+06
7.27358e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

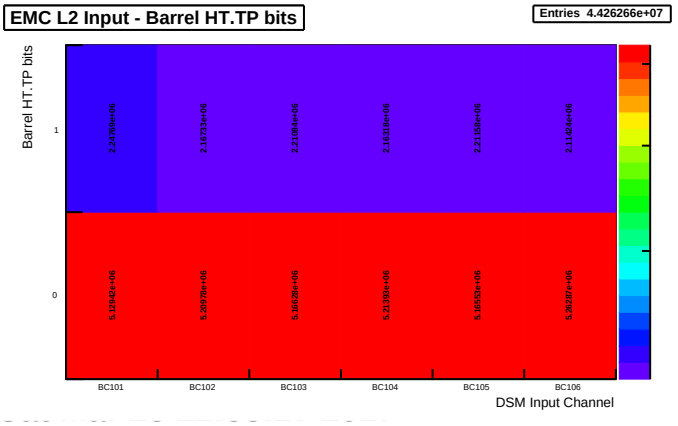

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

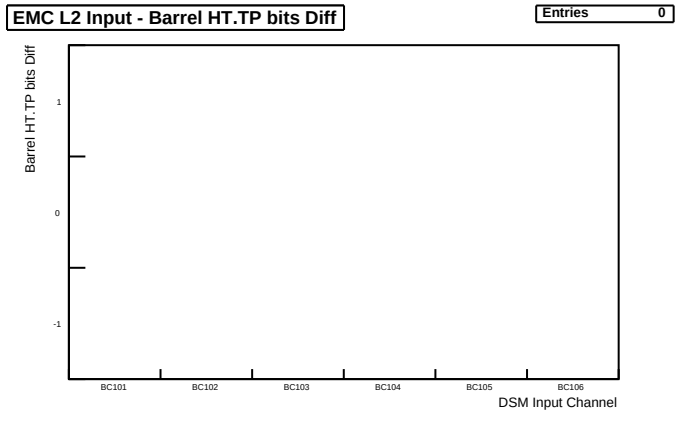

EMC L2 Input - BHT1 bits
Entries 4.426266e+07
BHT1
1
0
61607
63860
57060
63942
67455
55982
7.31156e+06
7.31325e+06
7.32005e+06
7.31317e+06
7.30966e+06
7.32112e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

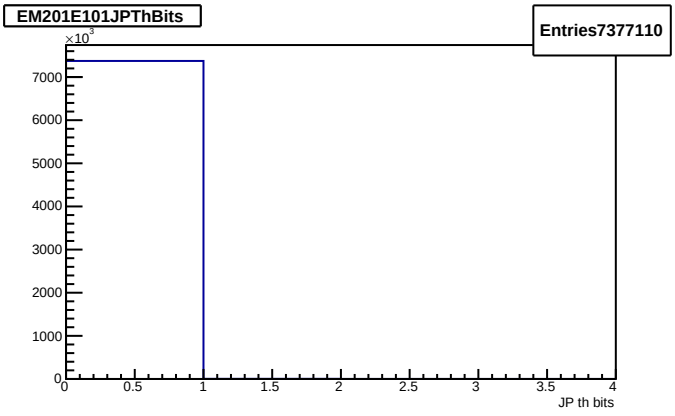

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

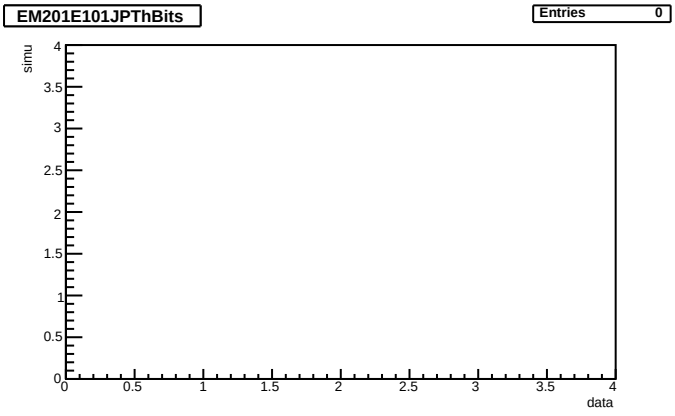

EMC L2 Input - BHT2 bits
Entries 4.426266e+07
BHT2
1
0
27227
28006
25473
28222
29530
25466
7.34889e+06
7.3491e+06
7.35164e+06
7.34888e+06
7.34759e+06
7.35164e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

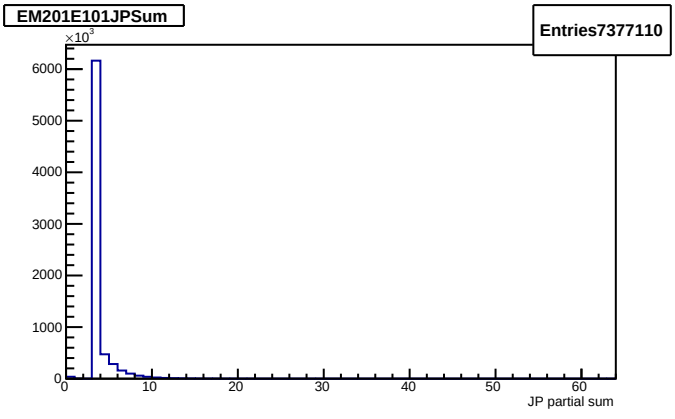

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

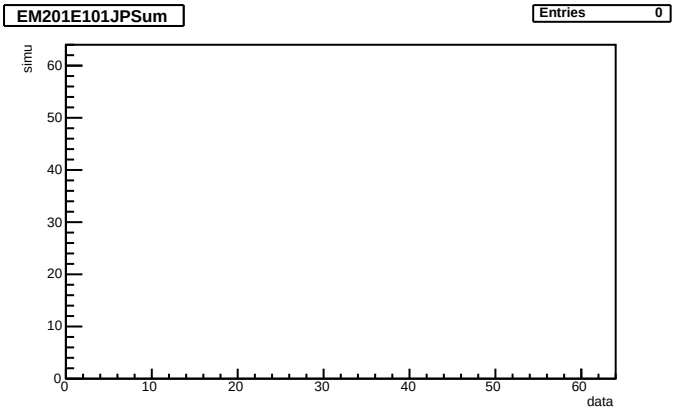

EMC L2 Input - Barrel HT.TP bits
Entries 4.426266e+07
Barrel HT.TP bits
1
0
2.24763e+06
2.16733e+06
2.21984e+06
2.16318e+06
2.21159e+06
2.11024e+06
5.12942e+06
5.20978e+06
5.16428e+06
5.21399e+06
5.16553e+06
5.26287e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

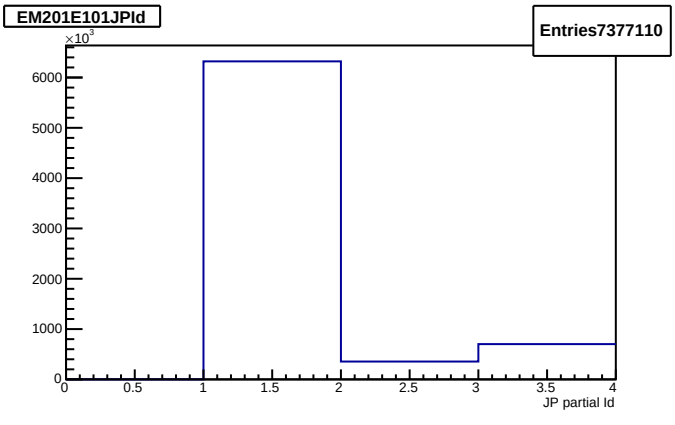

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

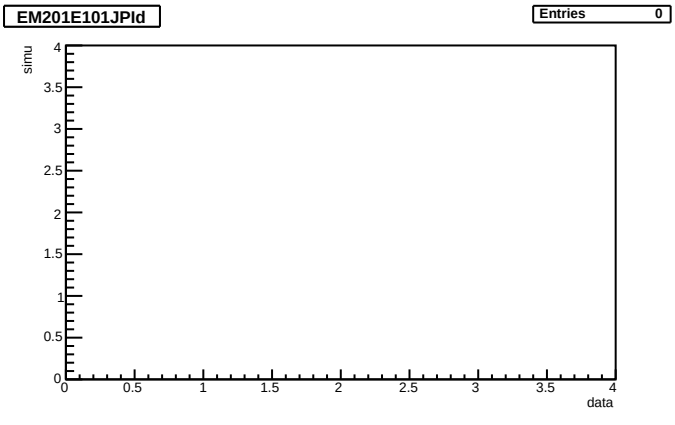

EM201E101JPThBits
Entries7377110
×10^3
JP th bits

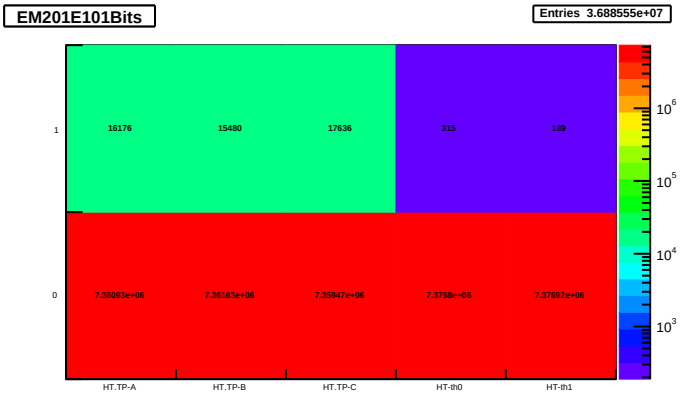

EM201E101JPThBits
Entries 0
simu
data

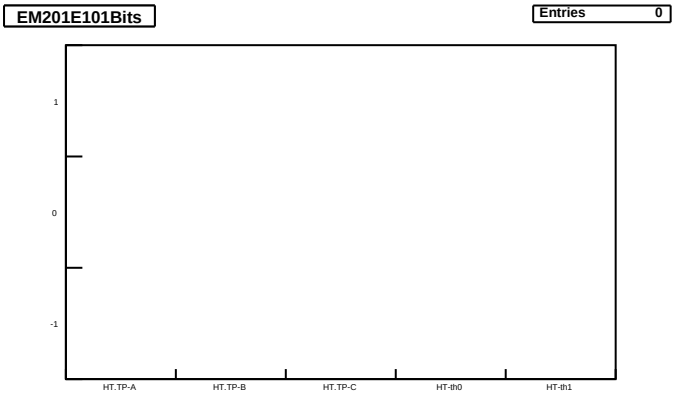

EM201E101JPSum
Entries7377110
×10^3
JP partial sum

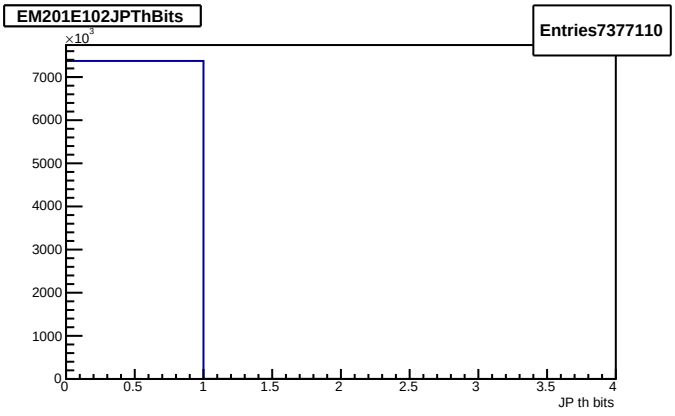

EM201E101JPSum
Entries 0
simu
data

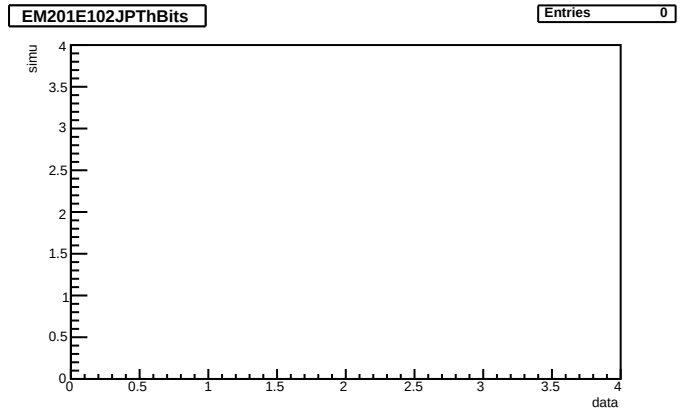

EM201E101JPId
Entries7377110
×10^3
JP partial Id

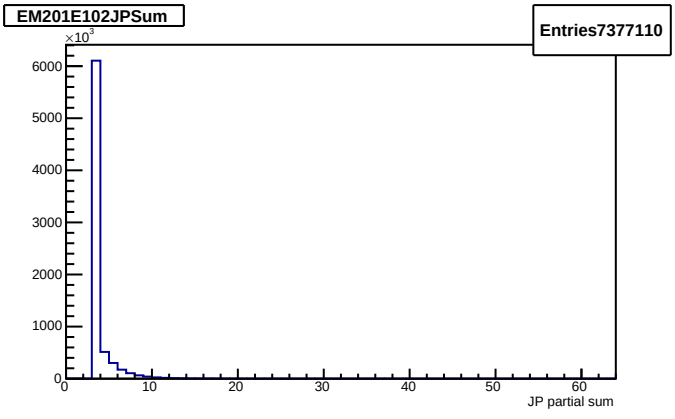

EM201E101JPId
Entries 0
simu
data

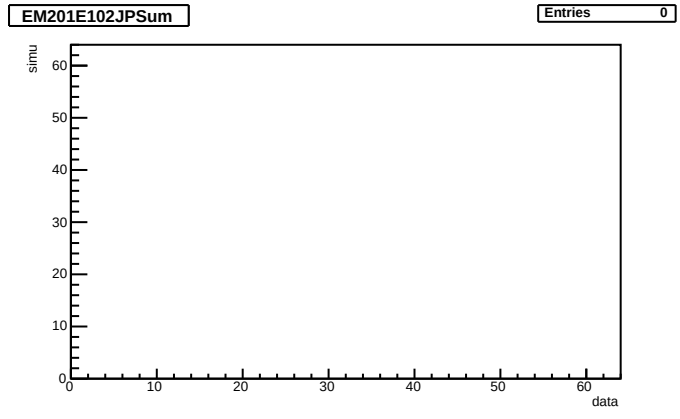

EM201E101Bits
Entries 3.688555e+07
16176
15480
17636
315
189
7.36093e+06
7.36163e+06
7.35947e+06
7.3769e+06
7.37692e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

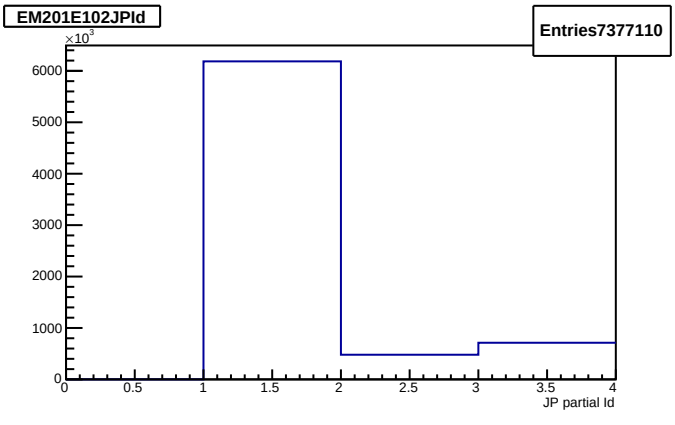

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

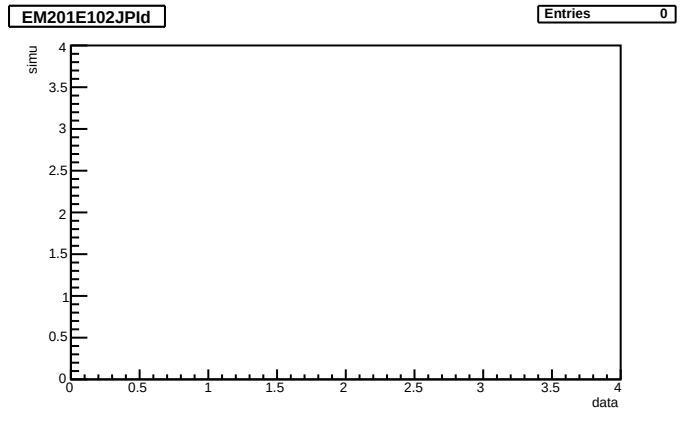

EM201E102JPThBits
Entries7377110
×10^3
JP th bits

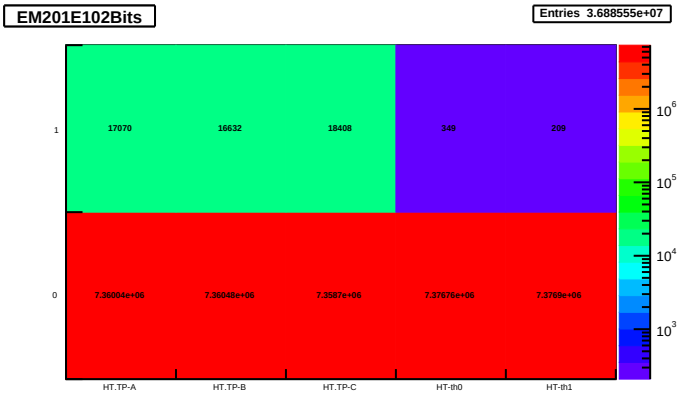

EM201E102JPThBits
Entries 0
simu
data

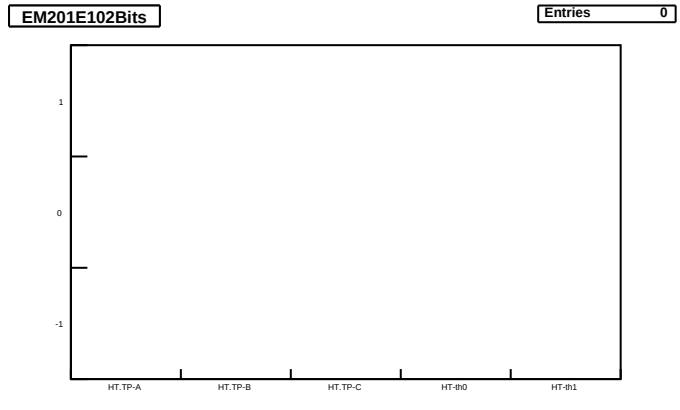

EM201E102JPSum
Entries7377110
×10^3
JP partial sum

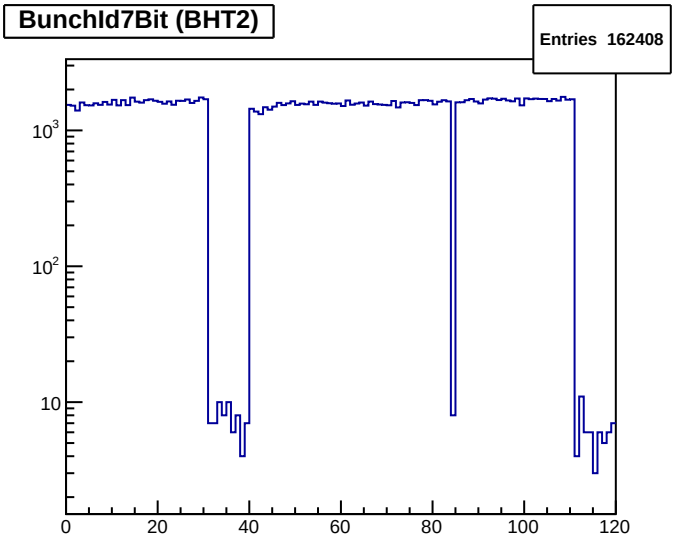

EM201E102JPSum
Entries 0
simu
data

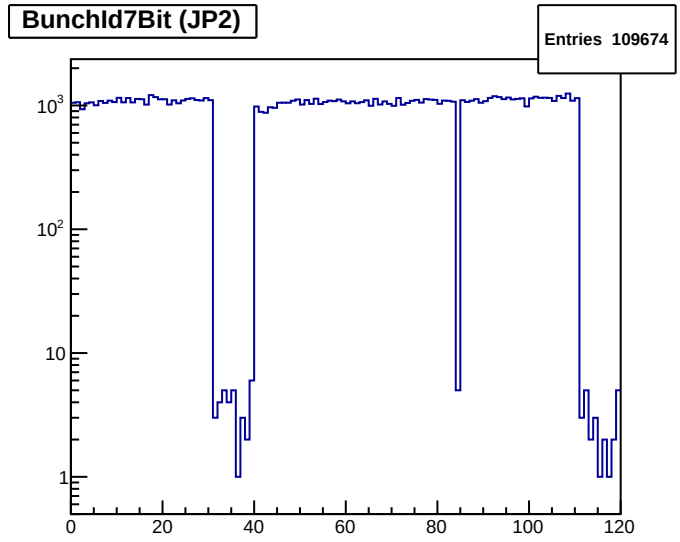

EM201E102JPId
Entries7377110
×10^3
JP partial Id

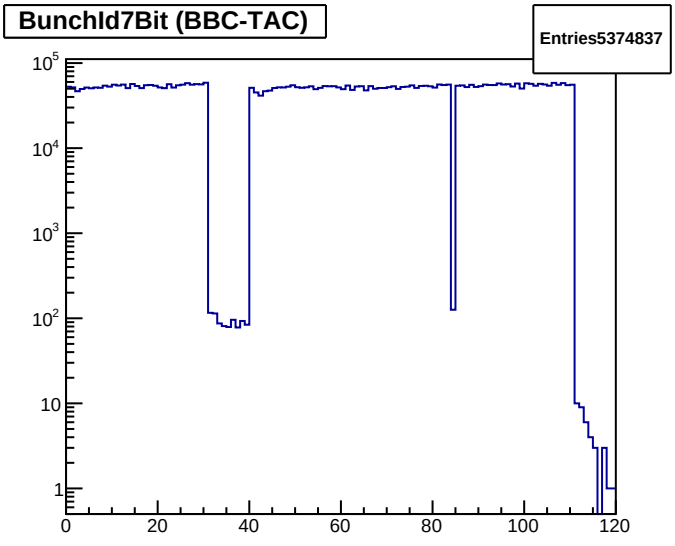

EM201E102JPId
Entries 0
simu
data

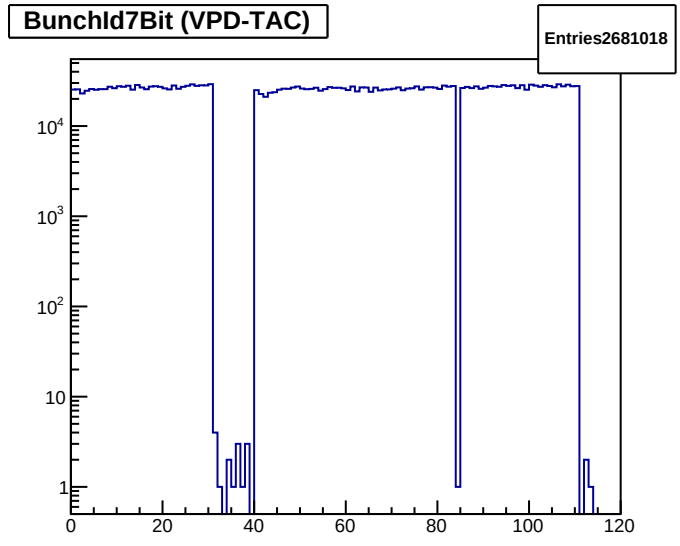

EM201E102Bits
Entries 3.688555e+07
17070
16632
18408
349
209
7.36004e+06
7.36048e+06
7.3587e+06
7.37676e+06
7.3769e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

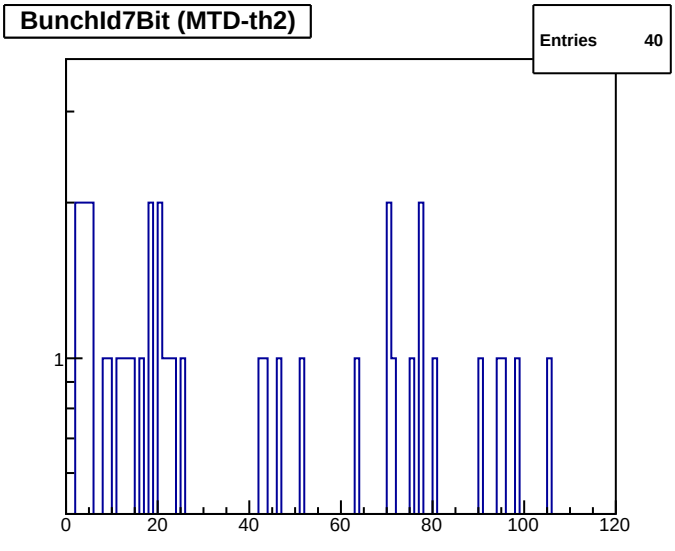

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

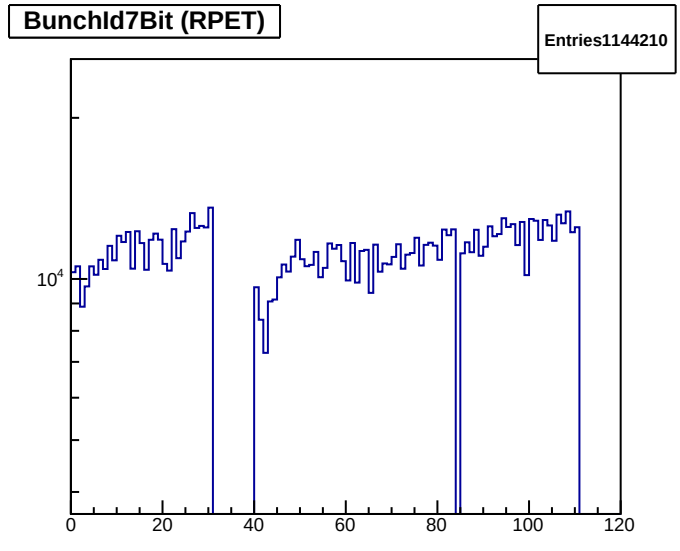

BunchId7Bit (BHT2)
Entries 162408

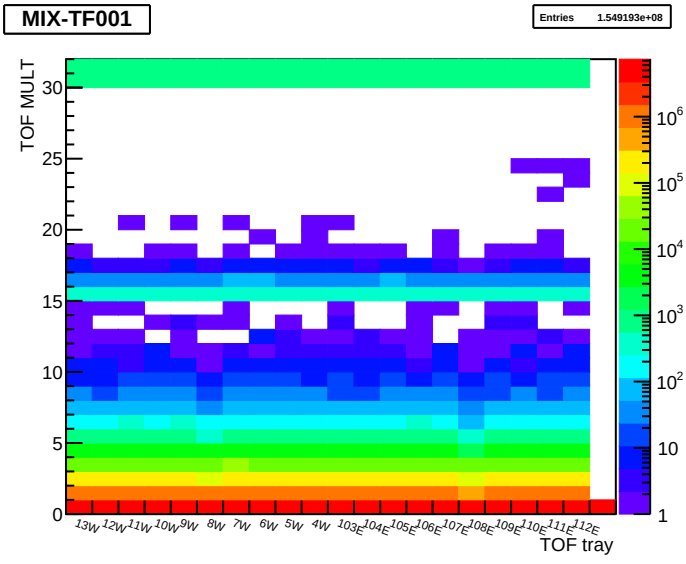

BunchId7Bit (JP2)
Entries 109674

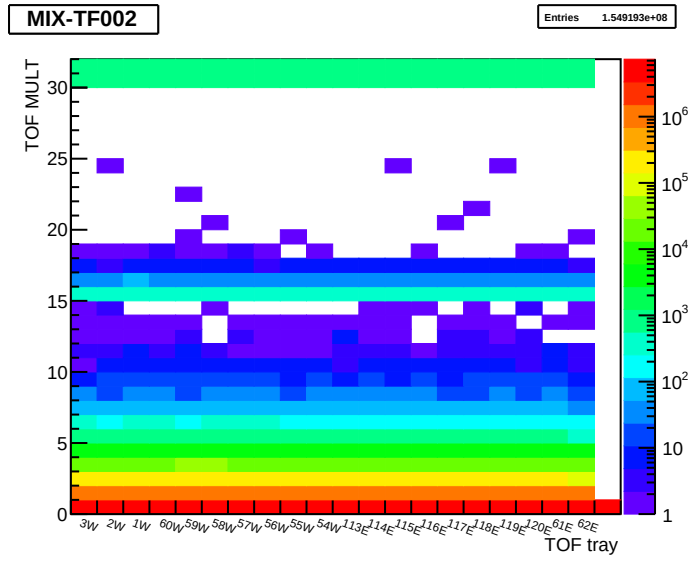

BunchId7Bit (BBC-TAC)
Entries5374837

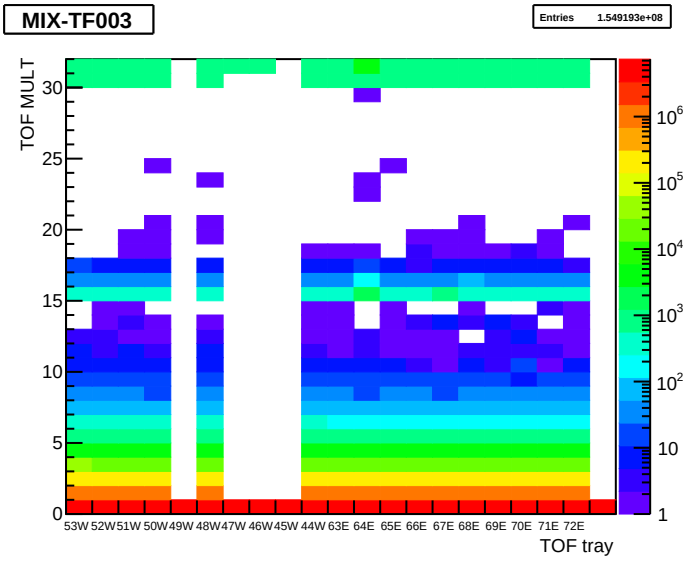

BunchId7Bit (VPD-TAC)
Entries2681018

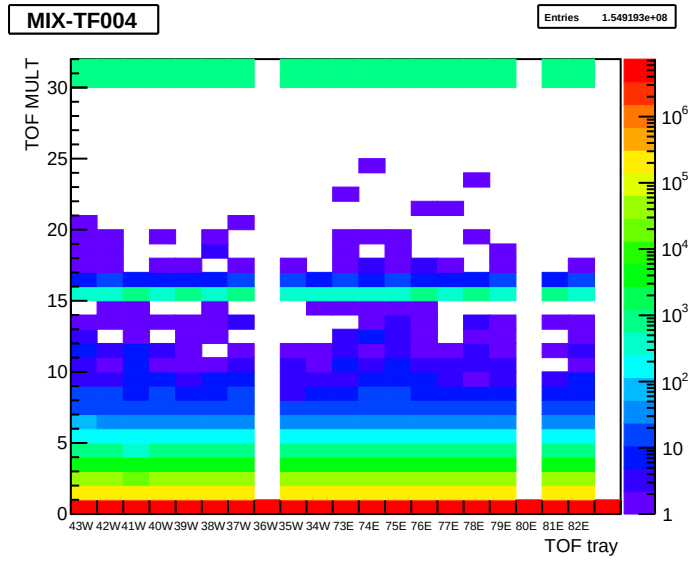

BunchId7Bit (MTD-th2)
Entries 40

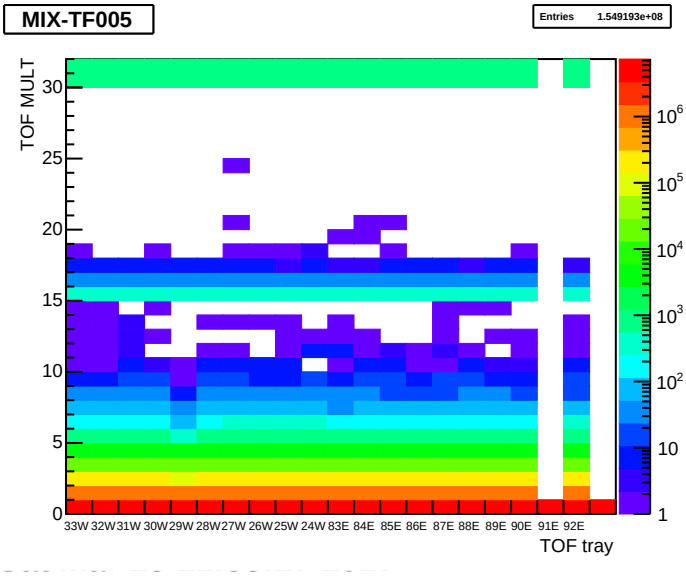

BunchId7Bit (RPET)
Entries1144210

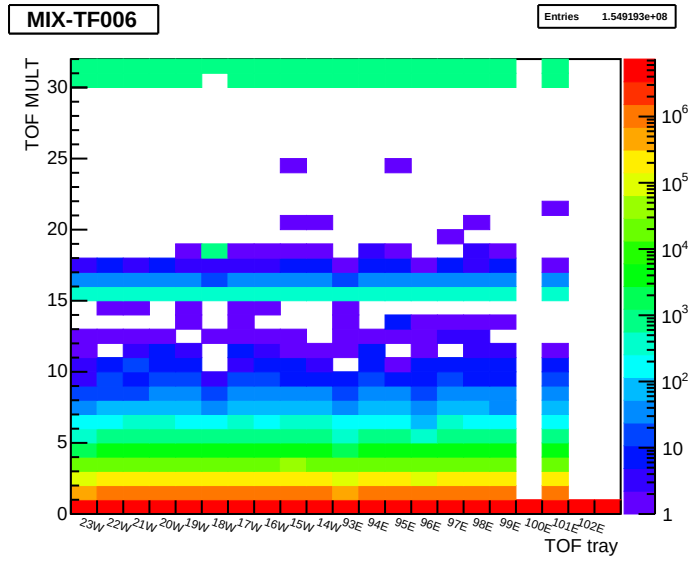

MIX-TF001
Entries 1.549193e+08
TOF MULT
TOF tray

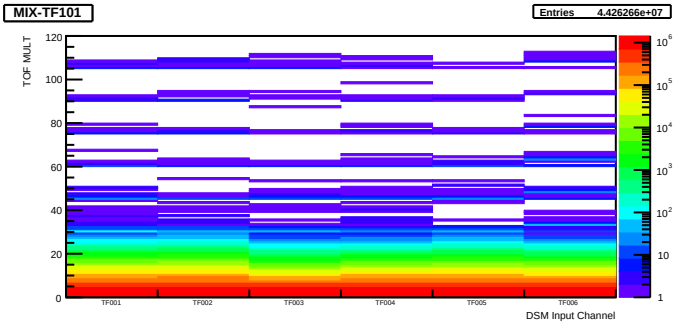

MIX-TF002
Entries 1.549193e+08
TOF MULT
TOF tray

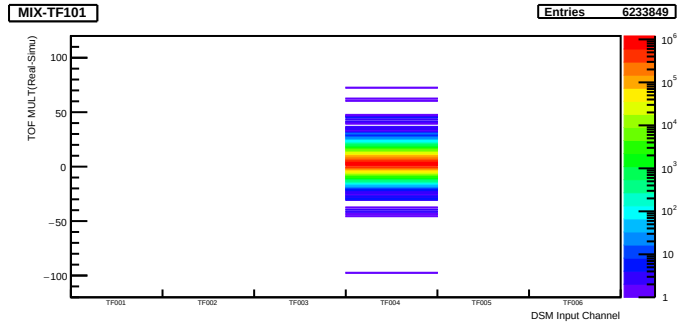

MIX-TF003
Entries 1.549193e+08
TOF MULT
TOF tray

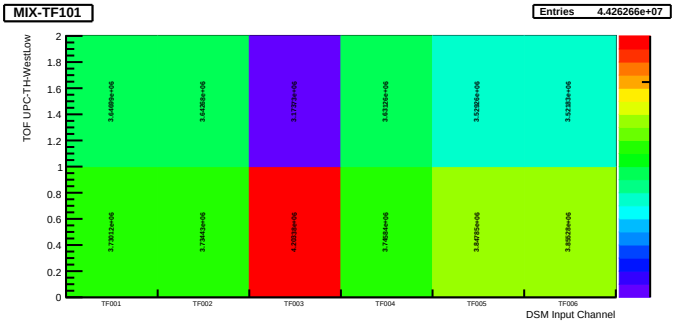

MIX-TF004
Entries 1.549193e+08
TOF MULT
TOF tray

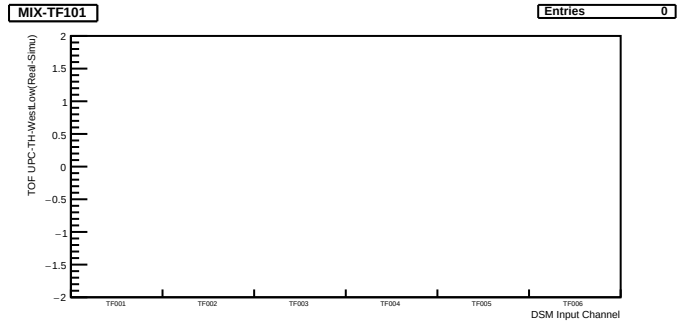

MIX-TF005
Entries 1.549193e+08
TOF MULT
TOF tray

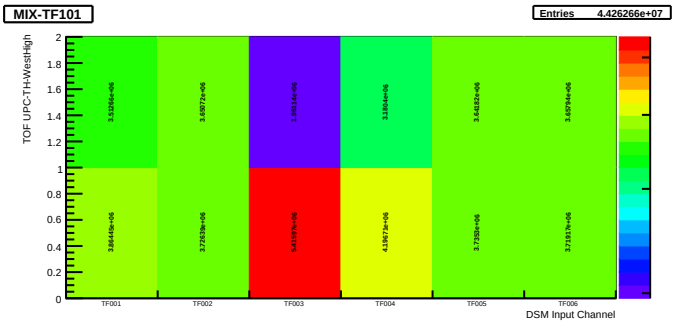

MIX-TF006
Entries 1.549193e+08
TOF MULT
TOF tray

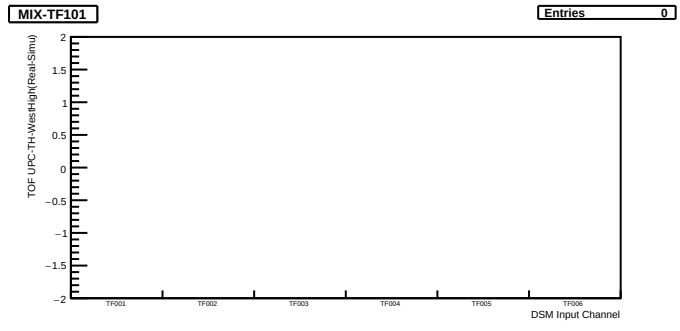

MIX-TF101
Entries 4.426266e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

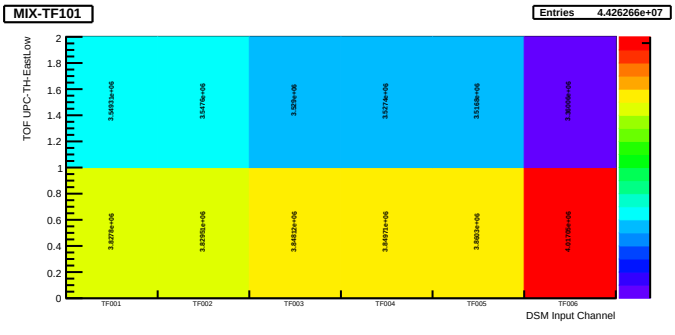

MIX-TF101
Entries 6233849
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

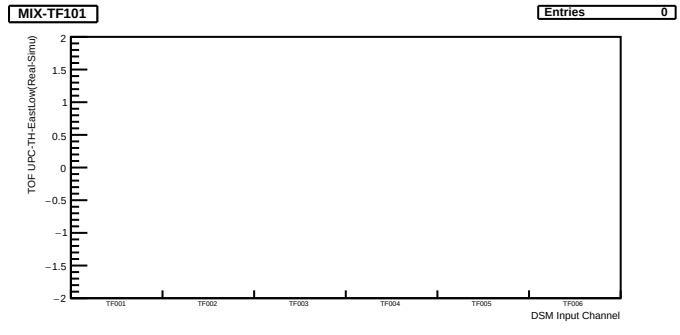

MIX-TF101
Entries 4.426266e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

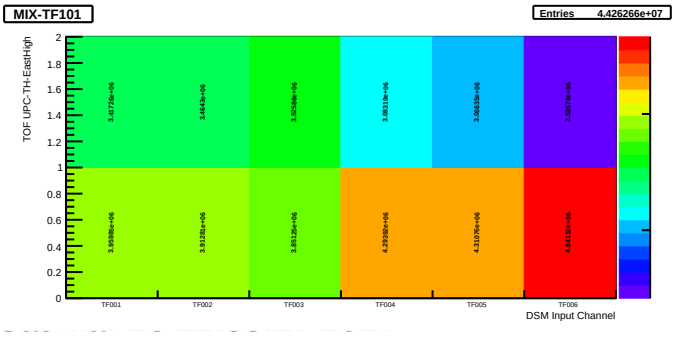

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

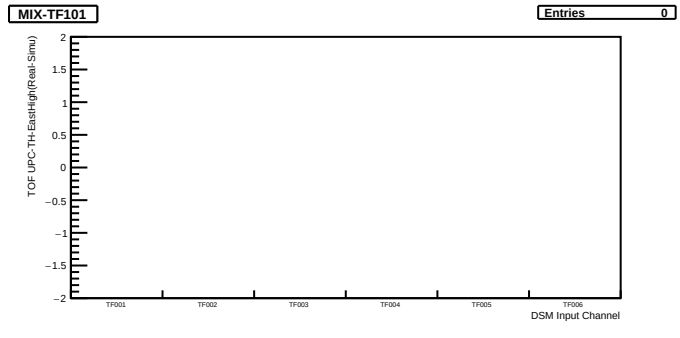

MIX-TF101
Entries 4.426266e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

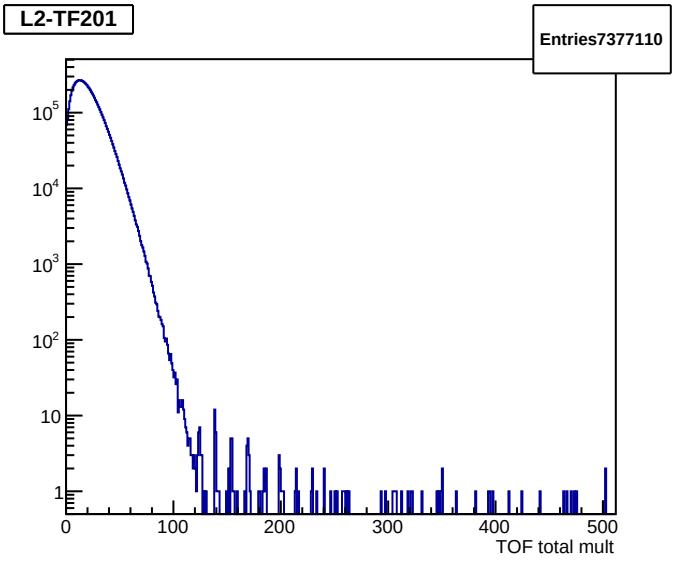

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

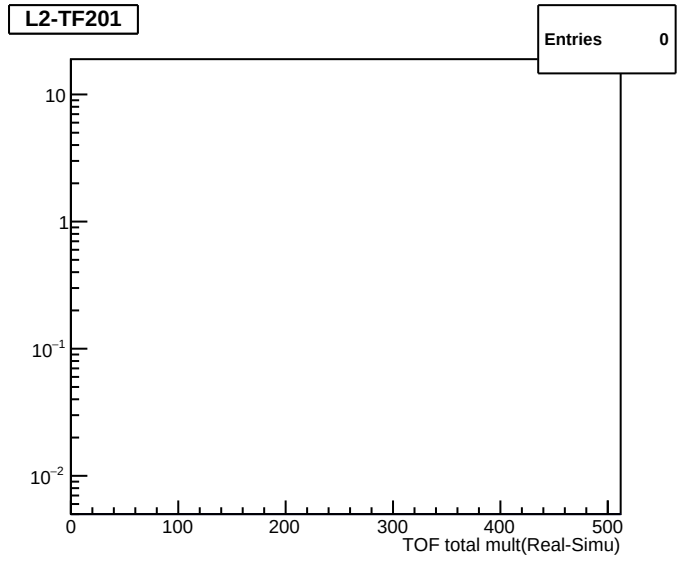

MIX-TF101
Entries 4.426266e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

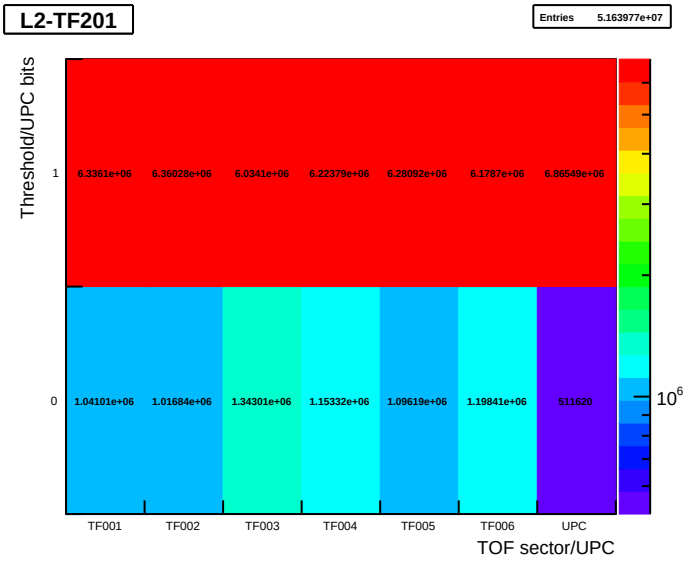

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

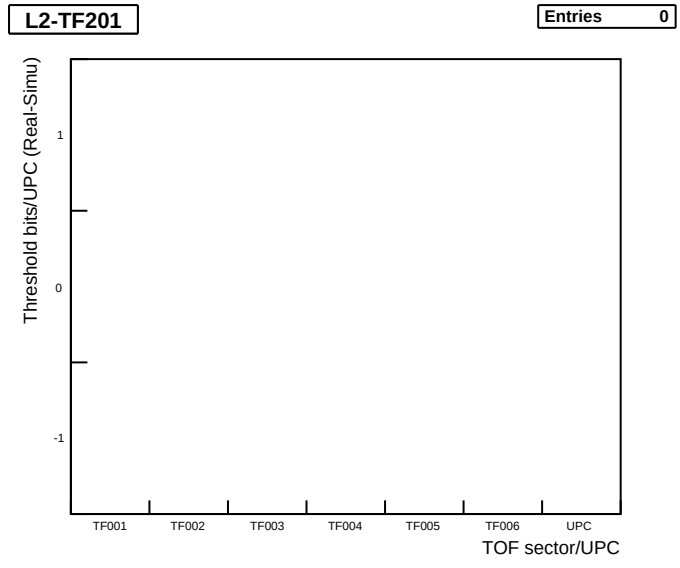

MIX-TF101
Entries 4.426266e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

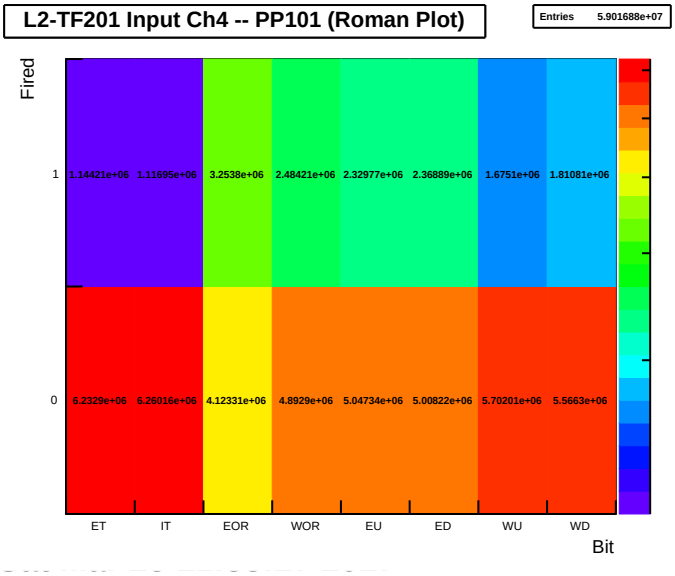

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

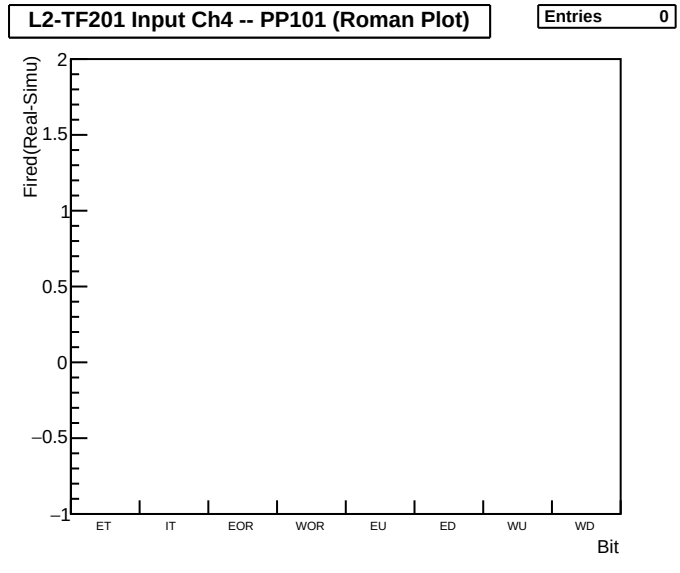

L2-TF201
Entries7377110
TOF total mult

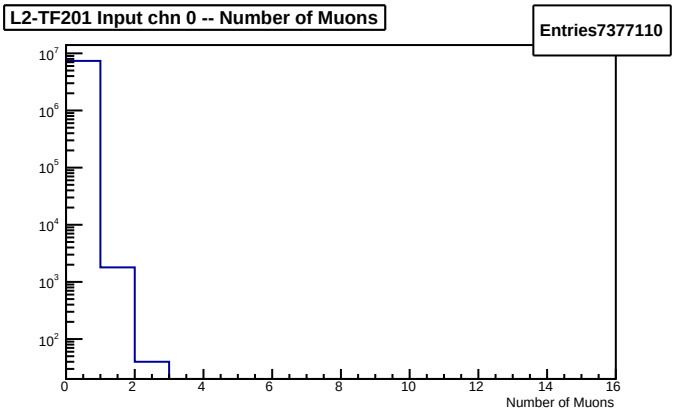

L2-TF201
Entries 0
TOF total mult(Real-Simu)

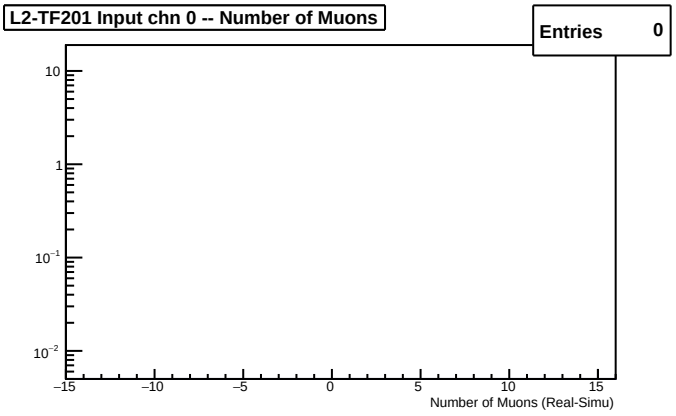

L2-TF201
Entries 5.163977e+07
Threshold/UPC bits
6.3361e+06
6.36028e+06
6.0341e+06
6.22379e+06
6.28092e+06
6.1787e+06
6.86549e+06
1.04101e+06
1.01684e+06
1.34301e+06
1.15332e+06
1.09619e+06
1.19841e+06
511620
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

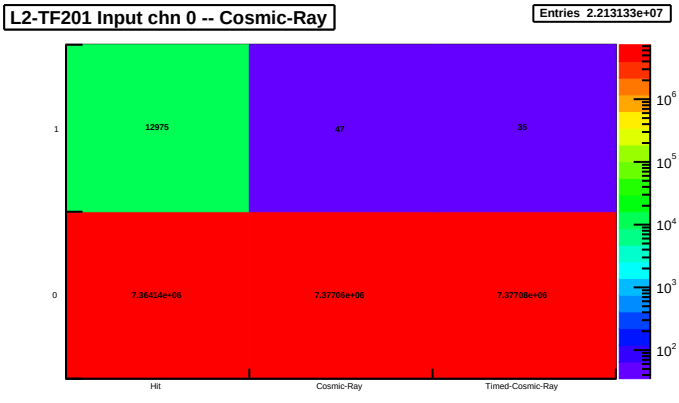

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

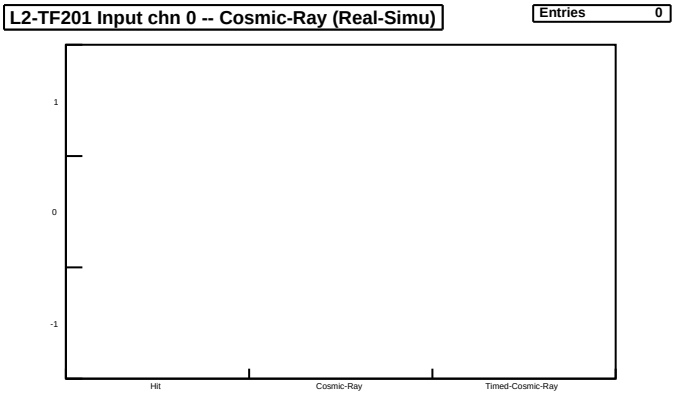

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.901688e+07
Fired
1.14421e+06
1.11695e+06
3.2538e+06
2.48421e+06
2.32977e+06
2.36889e+06
1.6751e+06
1.81081e+06
6.2329e+06
6.26016e+06
4.12331e+06
4.8929e+06
5.04734e+06
5.00822e+06
5.70201e+06
5.5663e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

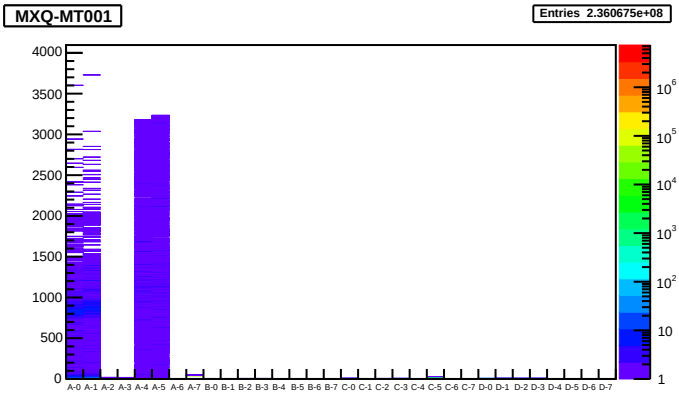

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

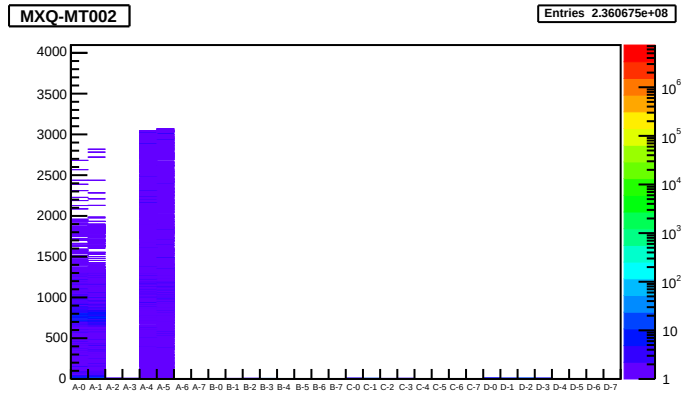

L2-TF201 Input chn 0 -- Number of Muons
Entries7377110
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.213133e+07
12975
47
35
7.36414e+06
7.37706e+06
7.37708e+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 2.360675e+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 2.360675e+08
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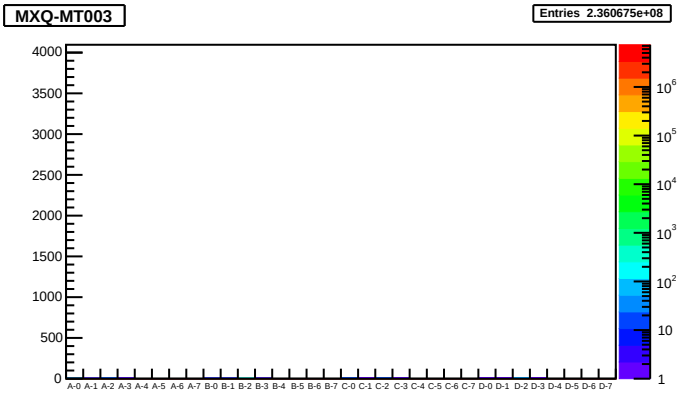
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 2.360675e+08
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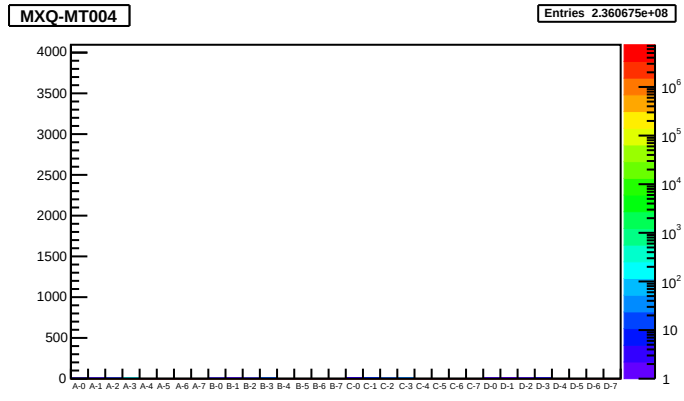
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 2.360675e+08
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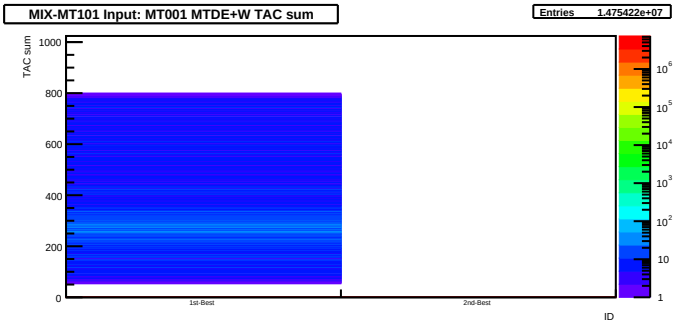
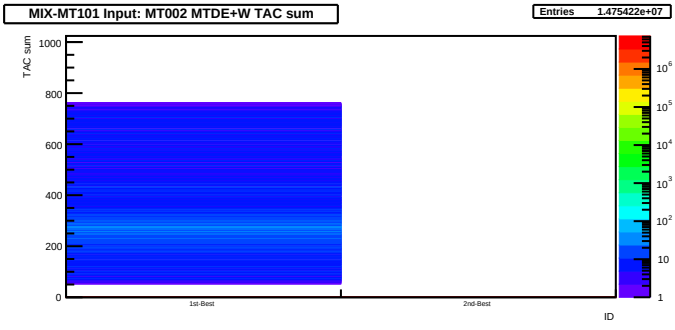
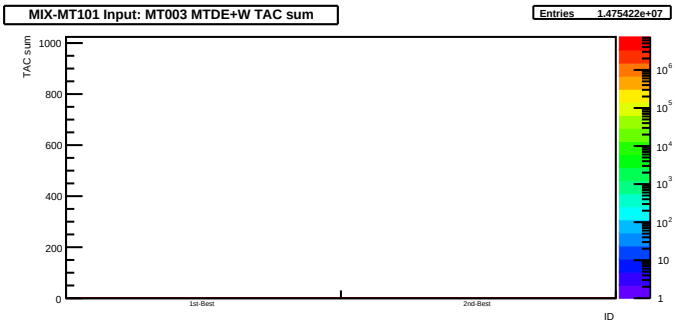
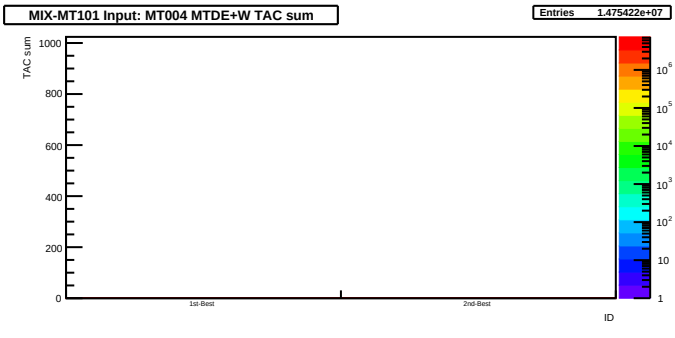
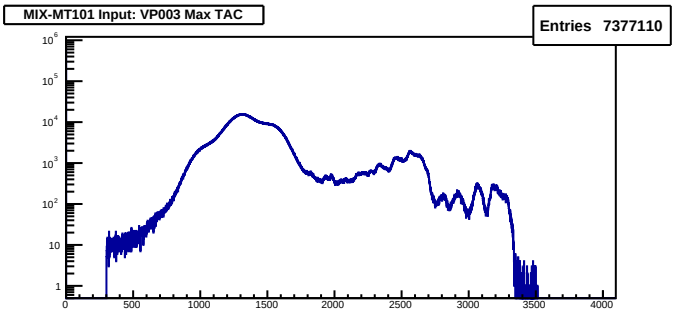
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

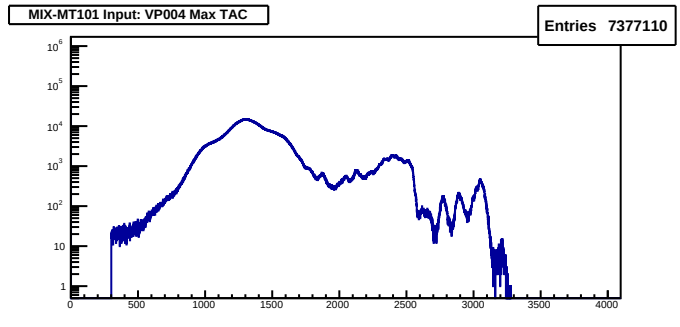

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.475422e+07
TAC sum
1st-Best
2nd-Best
ID

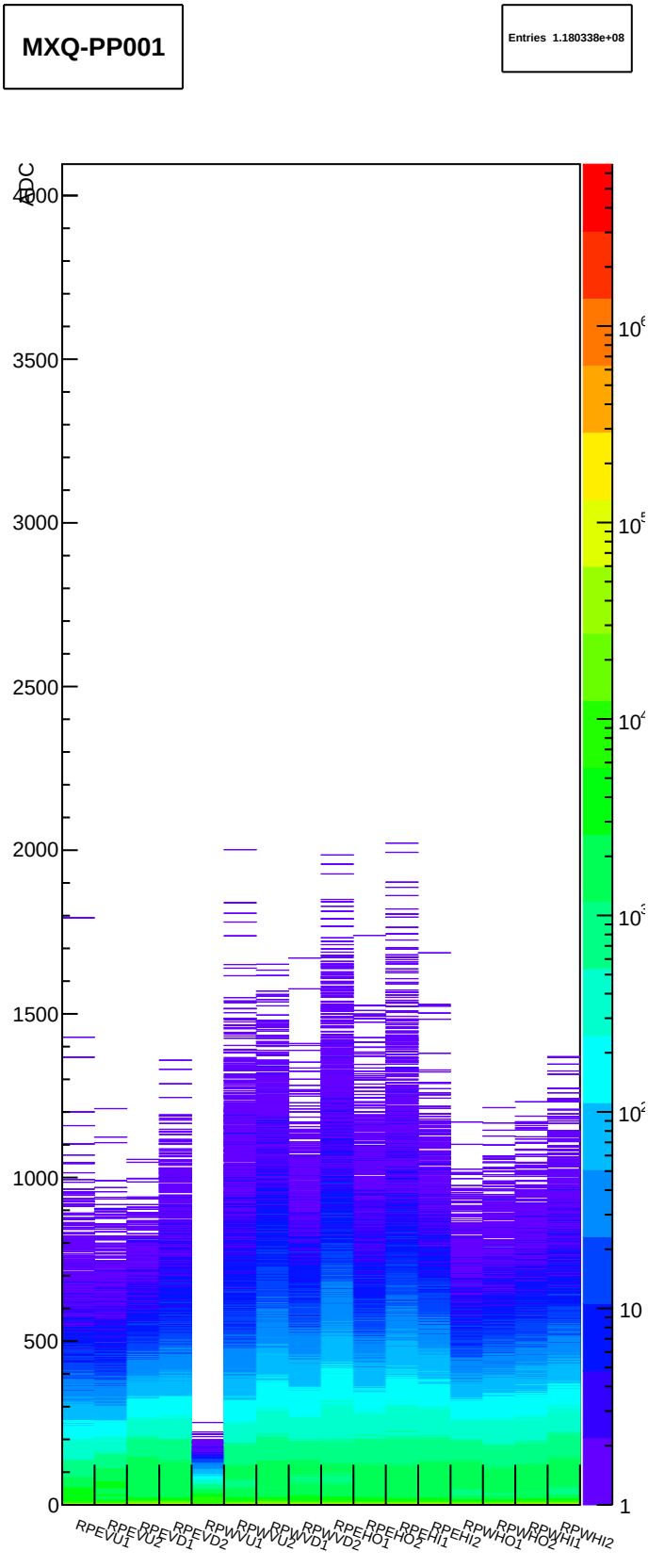

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.475422e+07
TAC sum
1st-Best
2nd-Best
ID

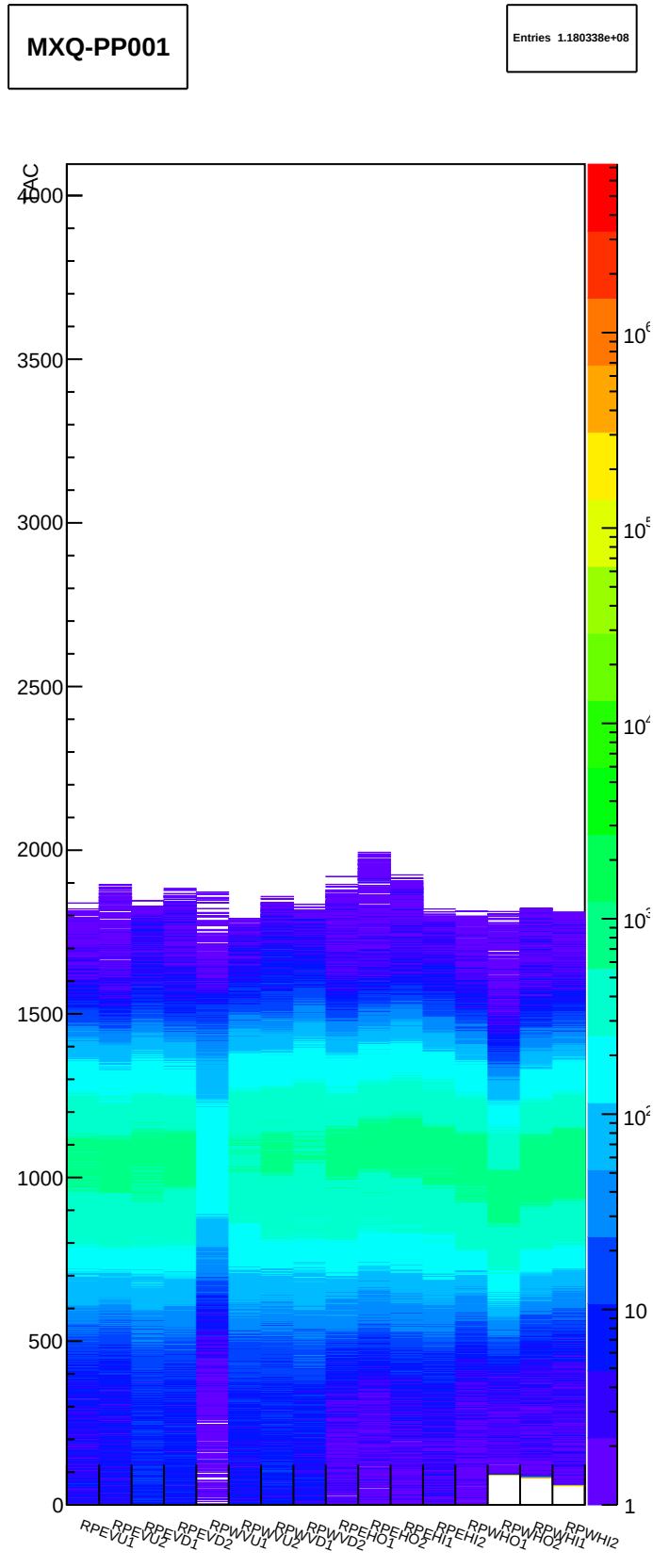

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.475422e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.475422e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 7377110


MIX-MT101 Input: VP004 Max TAC
Entries 7377110


MXQ-PP001
Entries 1.180338e+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 1.180338e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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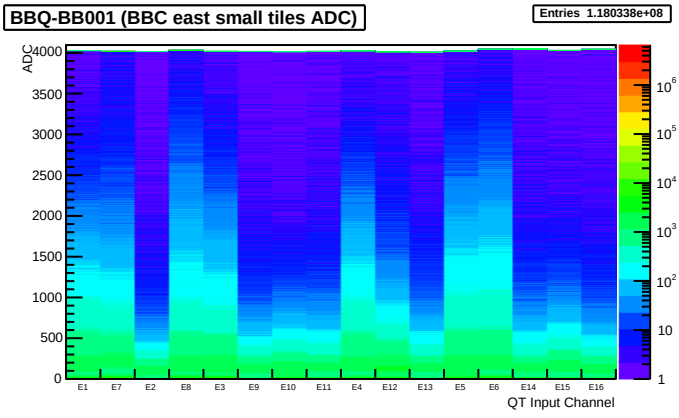
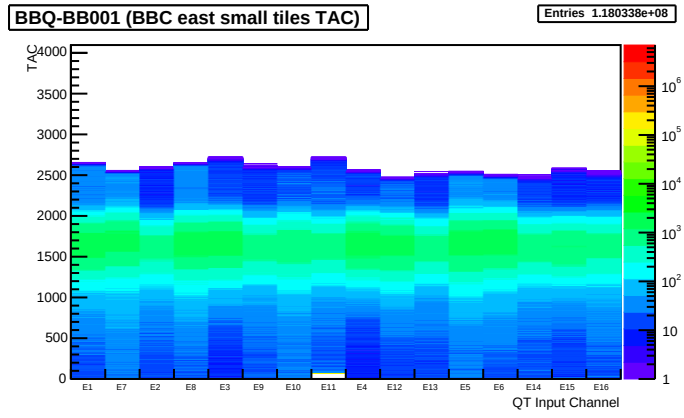
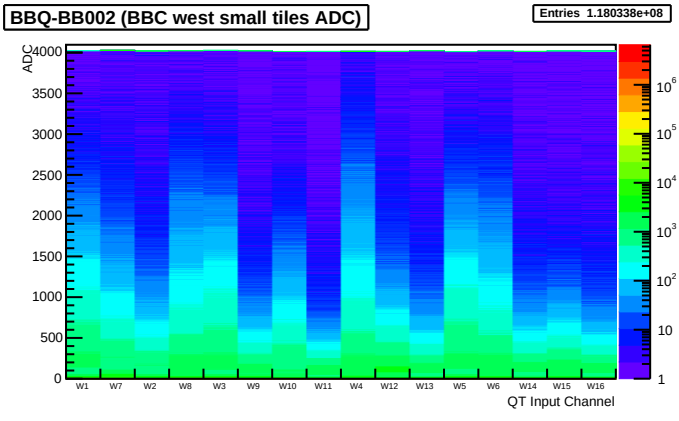
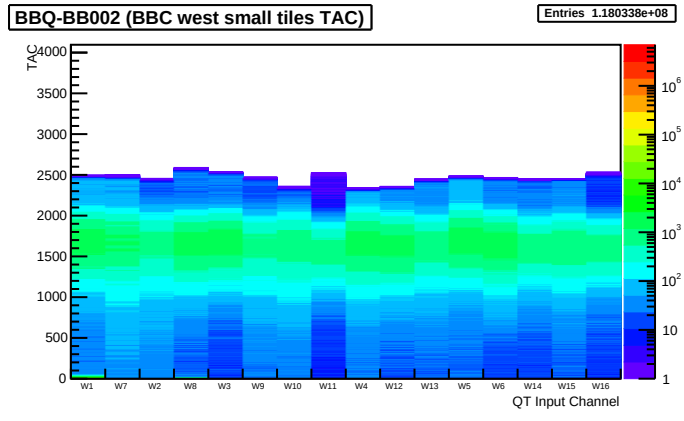
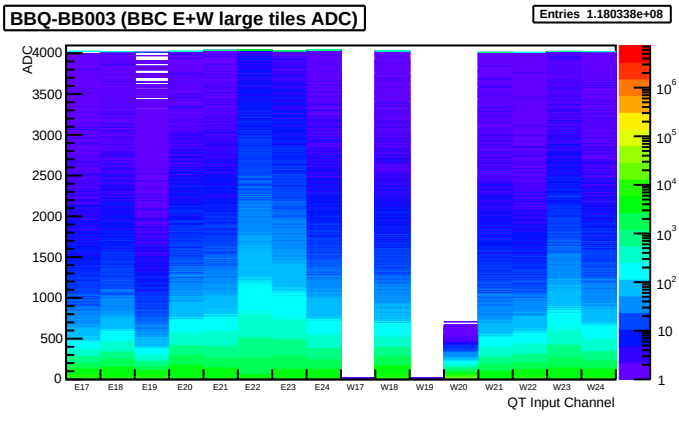
10^4
10^3
10^2
10
1

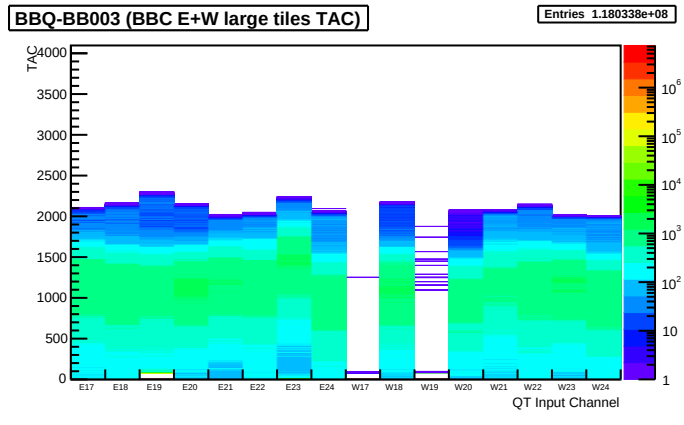

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.180338e+08
ADC
QT Input Channel

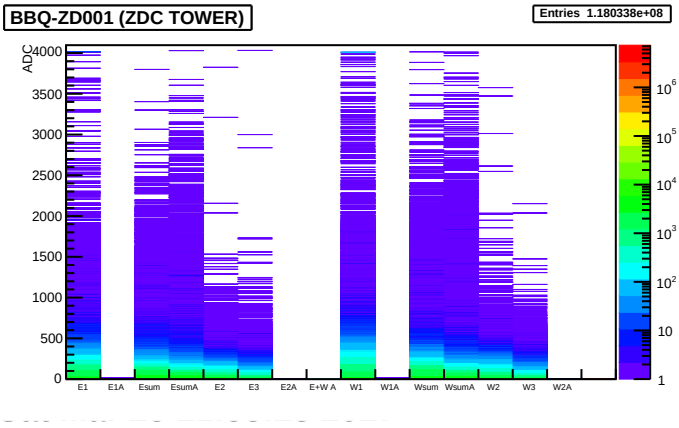

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.180338e+08
TAC
QT Input Channel

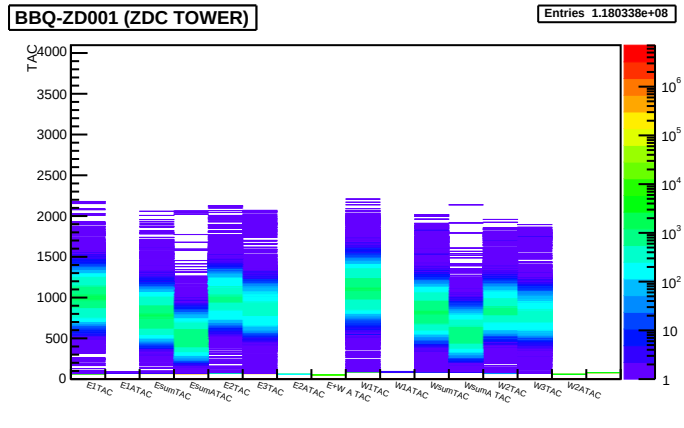

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.180338e+08
ADC
QT Input Channel

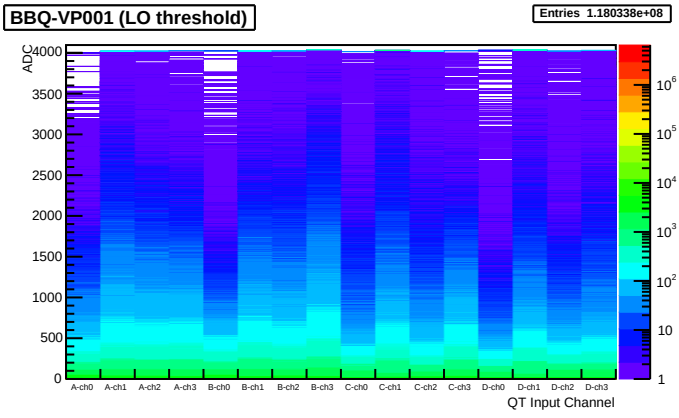

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.180338e+08
TAC
QT Input Channel

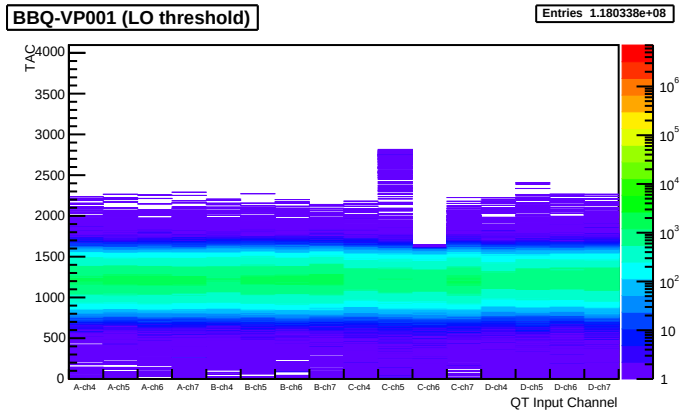

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.180338e+08
ADC
QT Input Channel

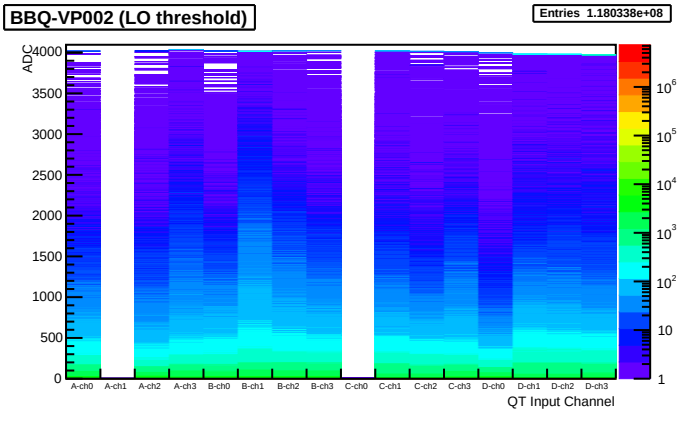

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.180338e+08
TAC
QT Input Channel

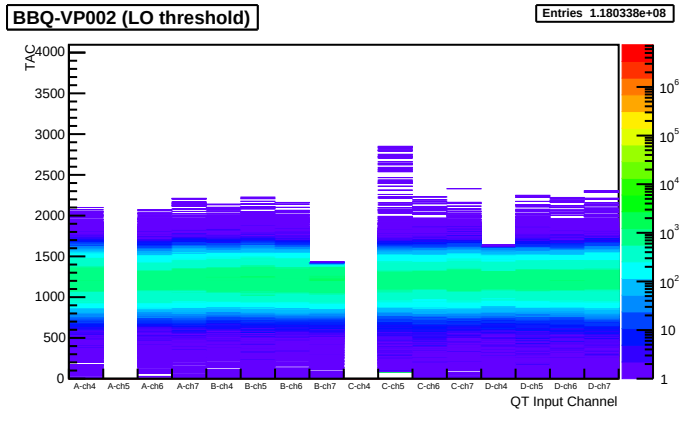

BBQ-ZD001 (ZDC TOWER)
Entries 1.180338e+08
ADC

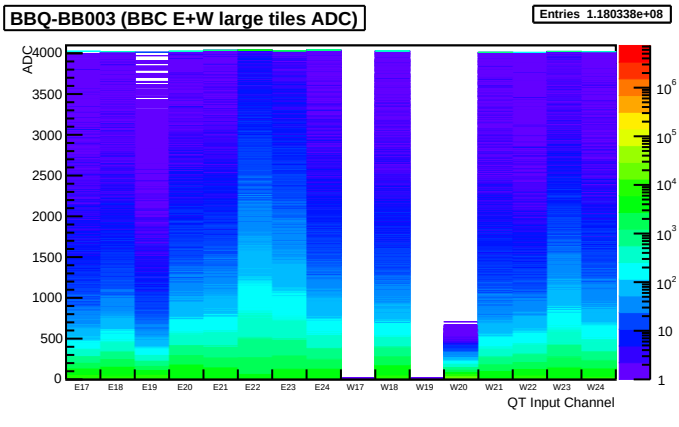

BBQ-ZD001 (ZDC TOWER)
Entries 1.180338e+08
TAC

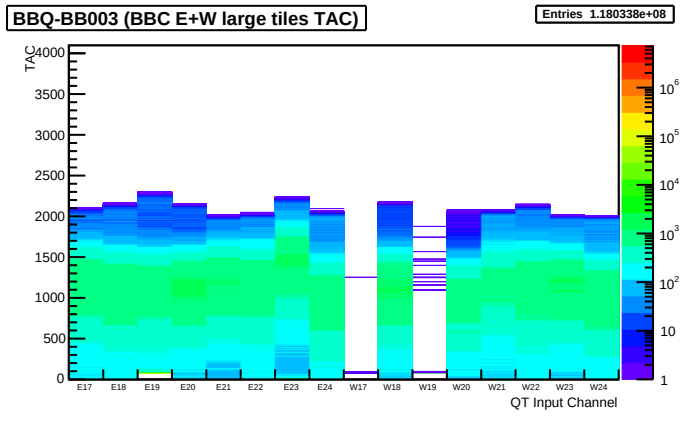

BBQ-VP001 (LO threshold)
Entries 1.180338e+08
ADC
QT Input Channel

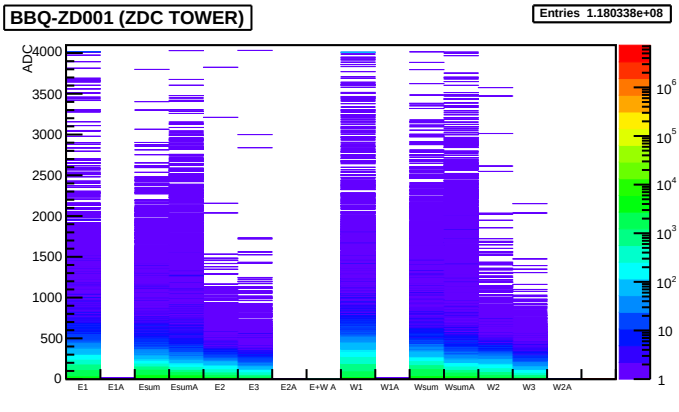

BBQ-VP001 (LO threshold)
Entries 1.180338e+08
TAC
QT Input Channel

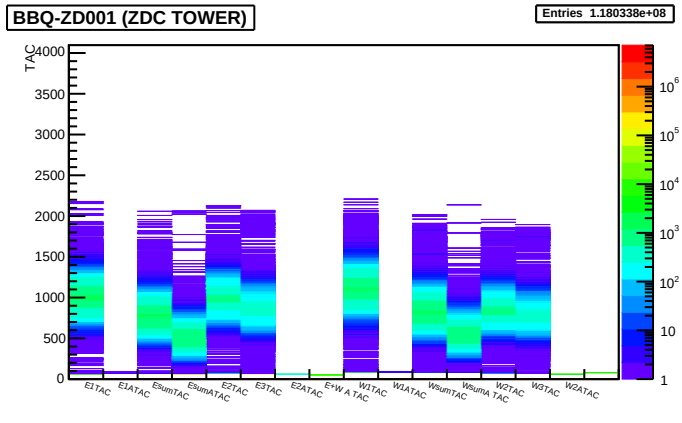

BBQ-VP002 (LO threshold)
Entries 1.180338e+08
ADC
QT Input Channel

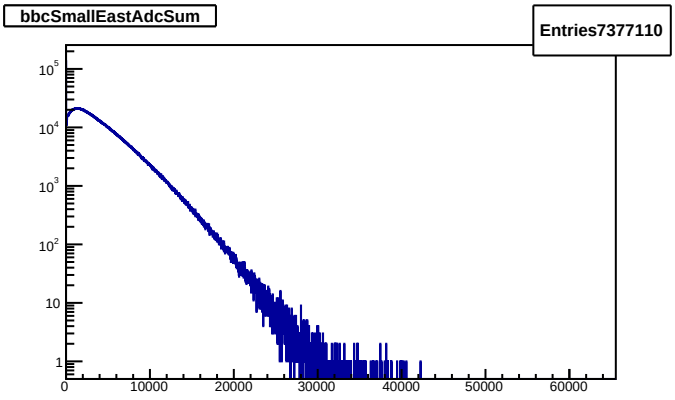

BBQ-VP002 (LO threshold)
Entries 1.180338e+08
TAC
QT Input Channel

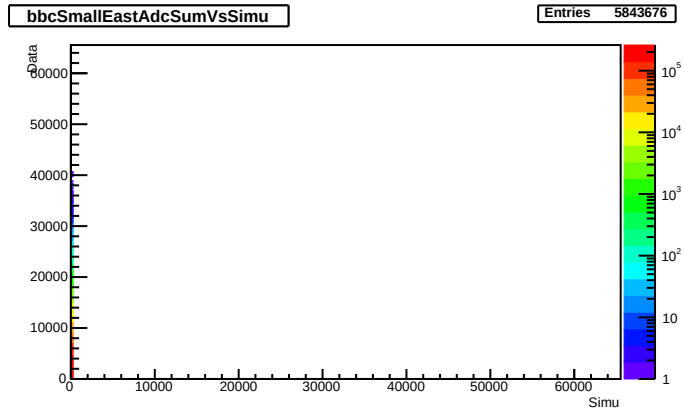

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.180338e+08
ADC
QT Input Channel

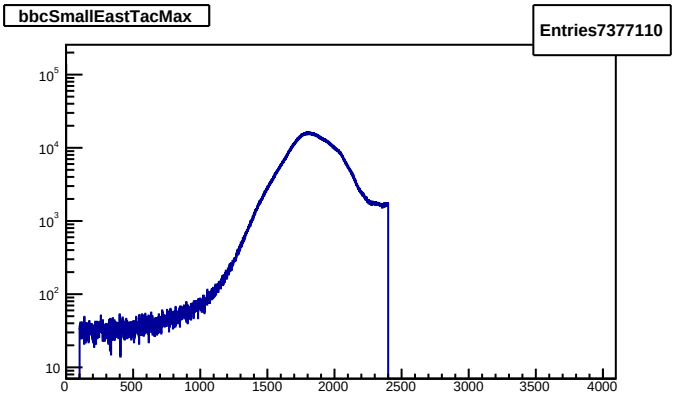

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.180338e+08
TAC
QT Input Channel

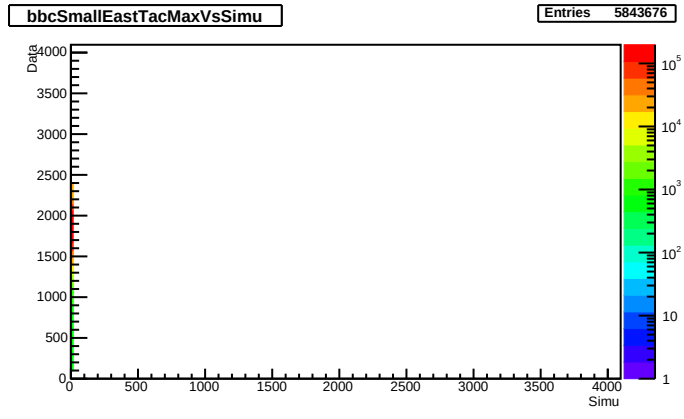

BBQ-ZD001 (ZDC TOWER)
Entries 1.180338e+08
ADC

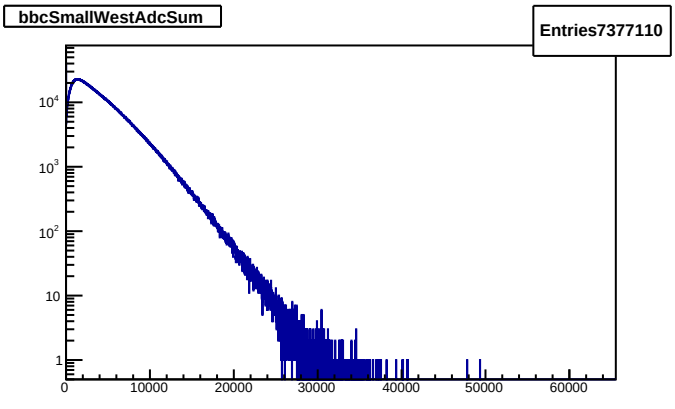

BBQ-ZD001 (ZDC TOWER)
Entries 1.180338e+08
TAC

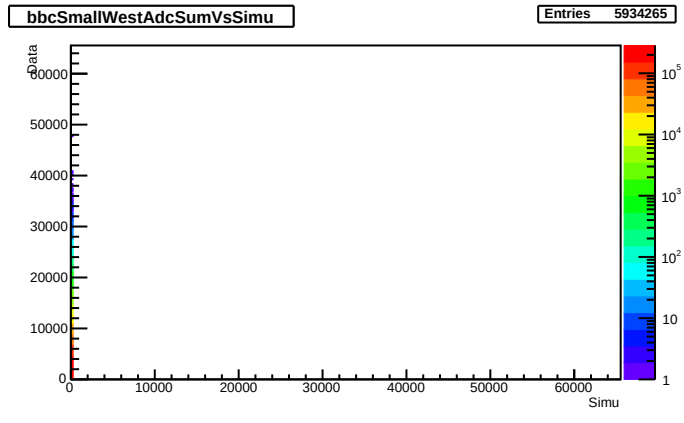

bbcSmallEastAdcSum
Entries7377110

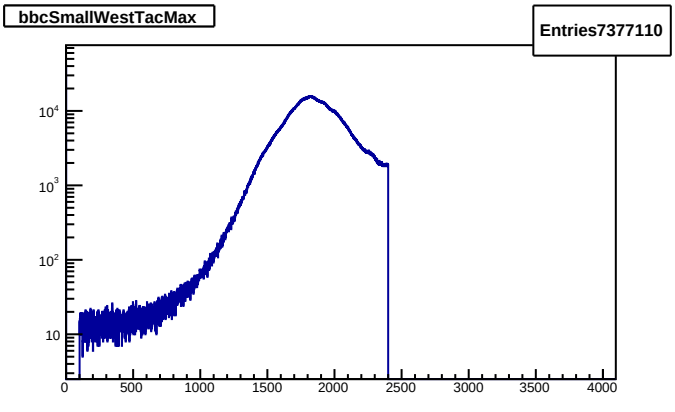

bbcSmallEastAdcSumVsSimu
Entries 5843676
Data
Simu

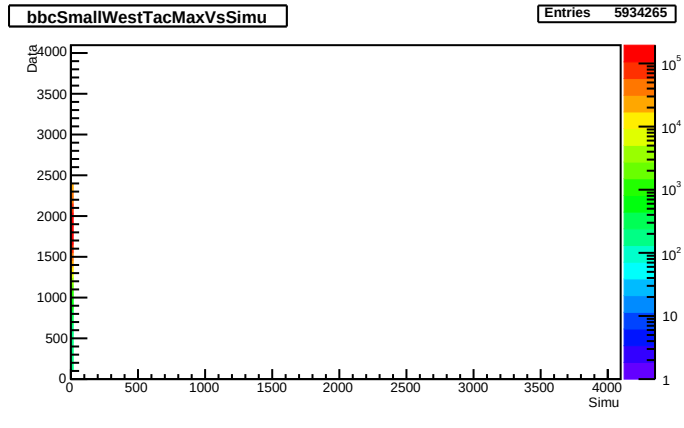

bbcSmallEastTacMax
Entries7377110

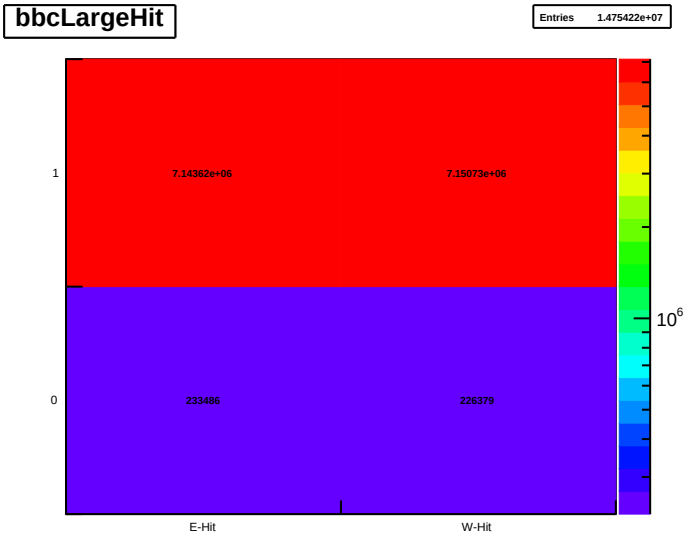

bbcSmallEastTacMaxVsSimu
Entries 5843676
Data
Simu

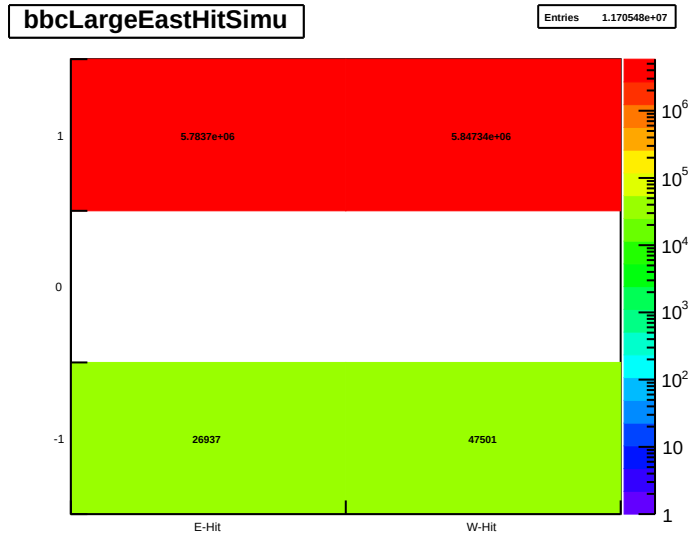

bbcSmallWestAdcSum
Entries7377110

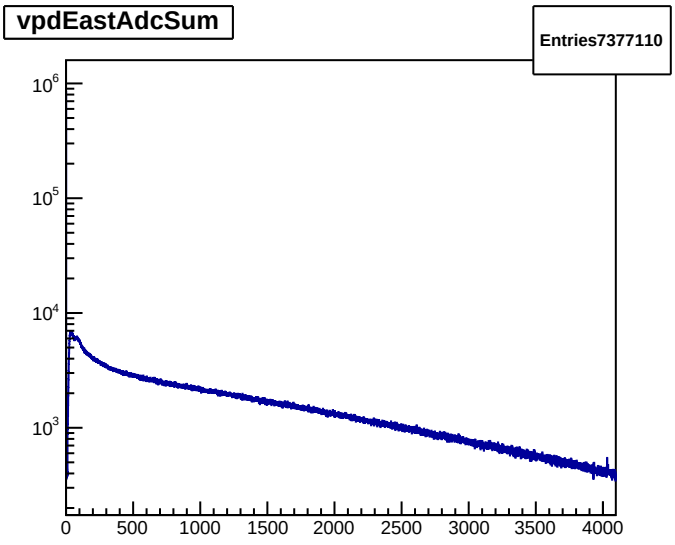

bbcSmallWestAdcSumVsSimu
Entries 5934265
Data
Simu

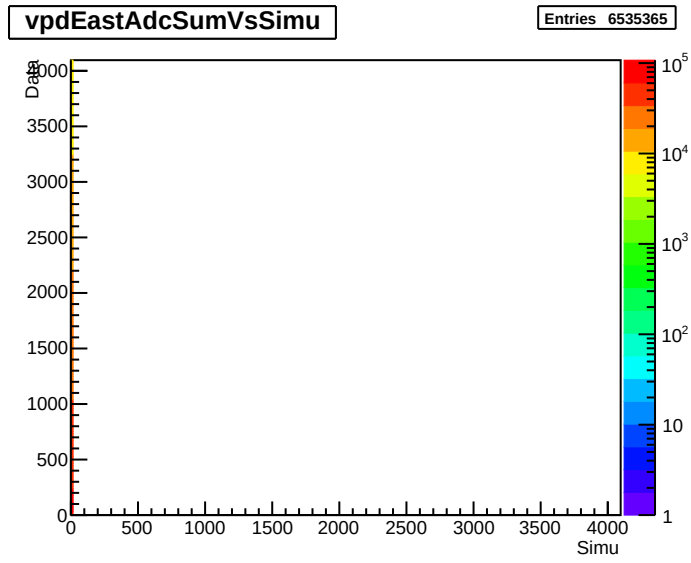

bbcSmallWestTacMax
Entries7377110

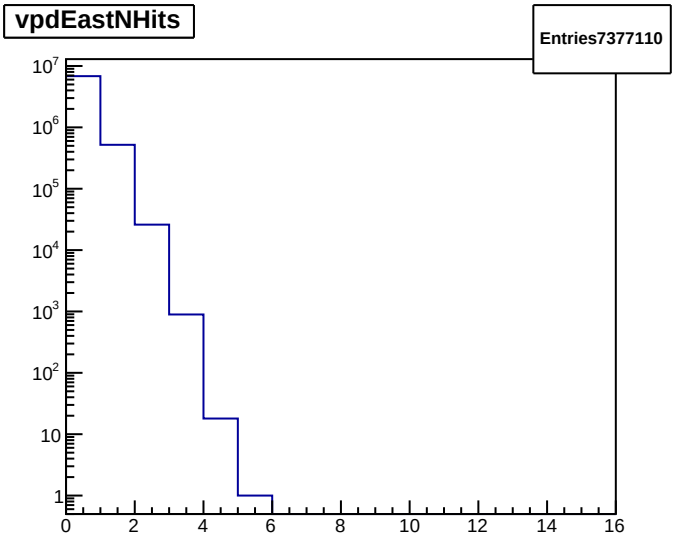

bbcSmallWestTacMaxVsSimu
Entries 5934265
Data
Simu

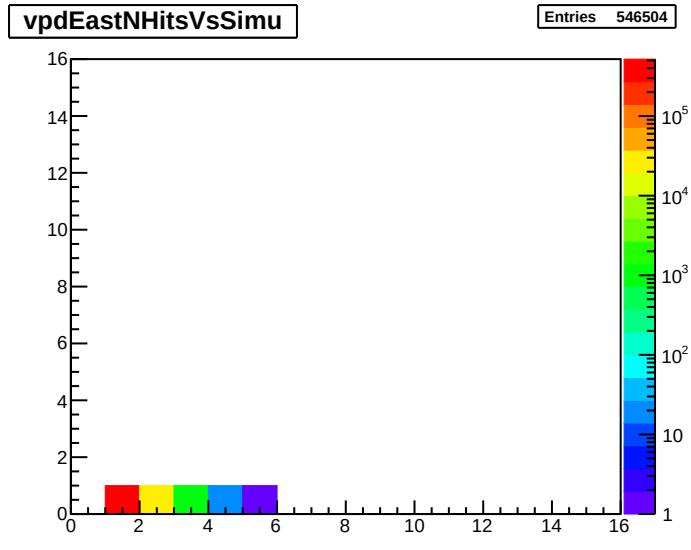

bbcLargeHit
Entries 1.475422e+07
1
0
7.14362e+06
7.15073e+06
233486
226379
E-Hit
W-Hit
10^6

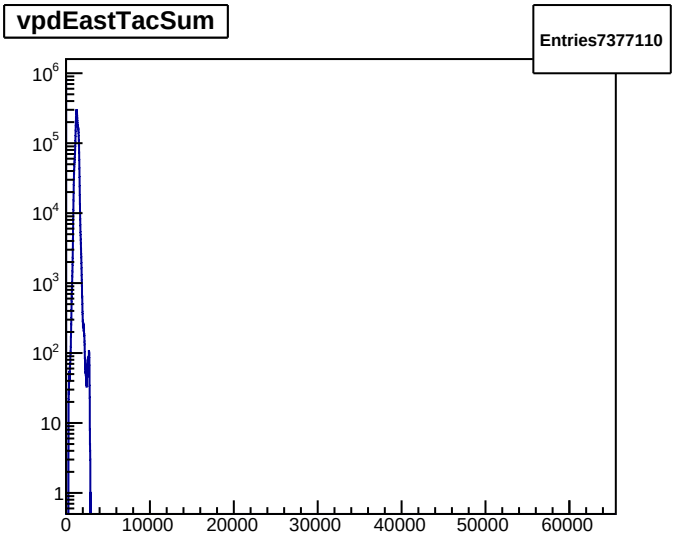

bbcLargeEastHitSimu
Entries 1.170548e+07
1
0
-1
5.7837e+06
5.84734e+06
26937
47501
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

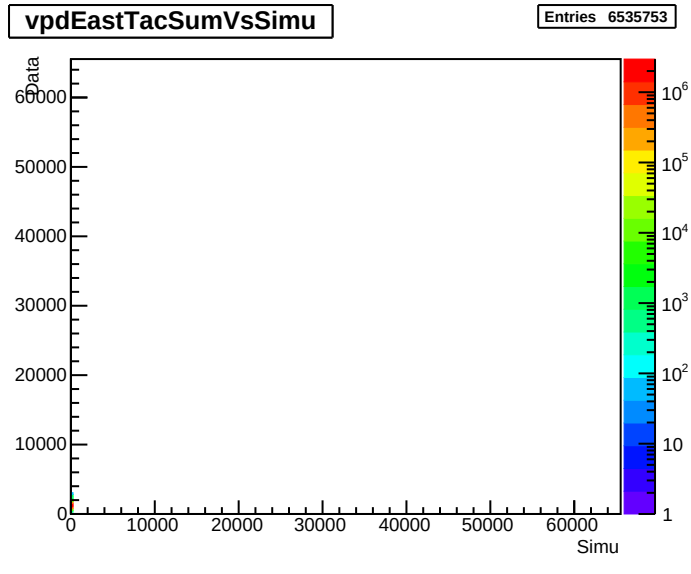

vpdEastAdcSum
Entries7377110

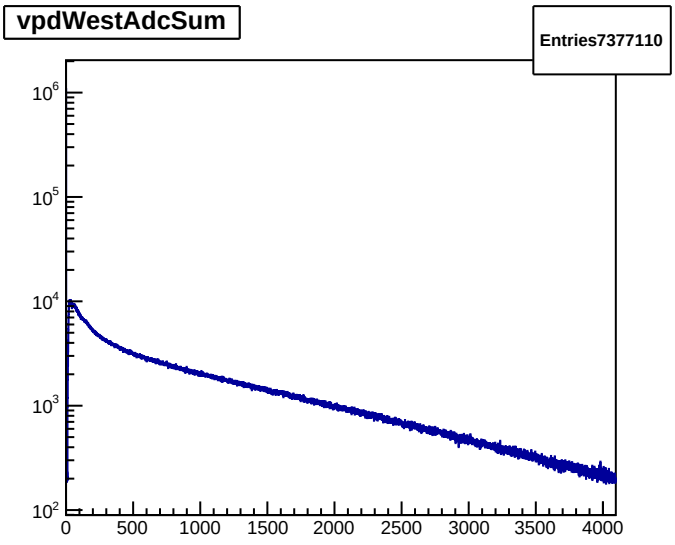

vpdEastAdcSumVsSimu
Entries 6535365
Data
Simu

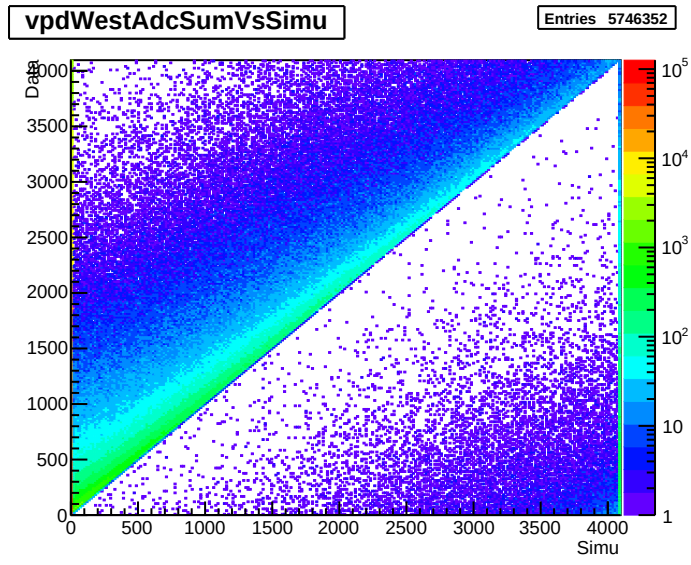

vpdEastNHits
Entries7377110

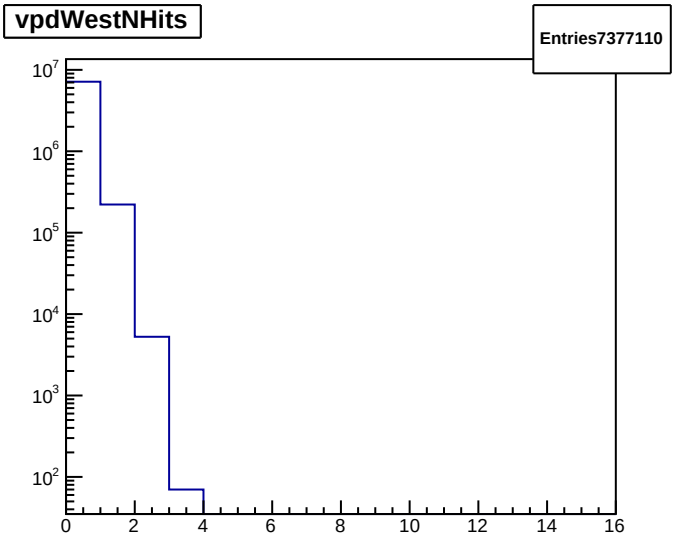

vpdEastNHitsVsSimu
Entries 546504

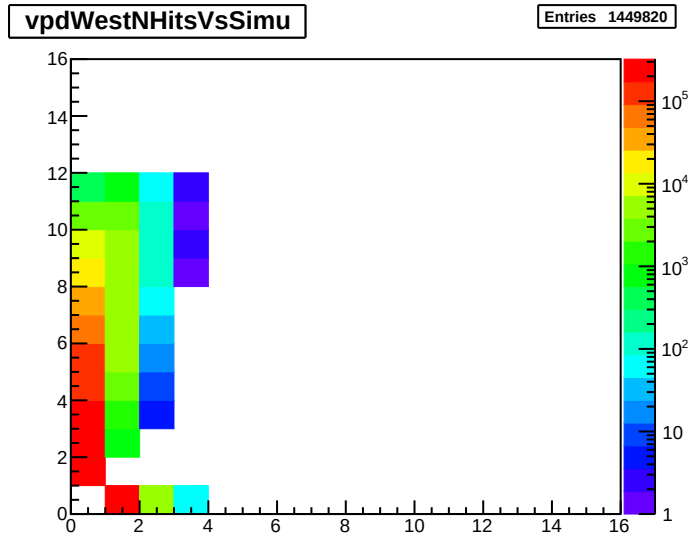

vpdEastTacSum
Entries7377110

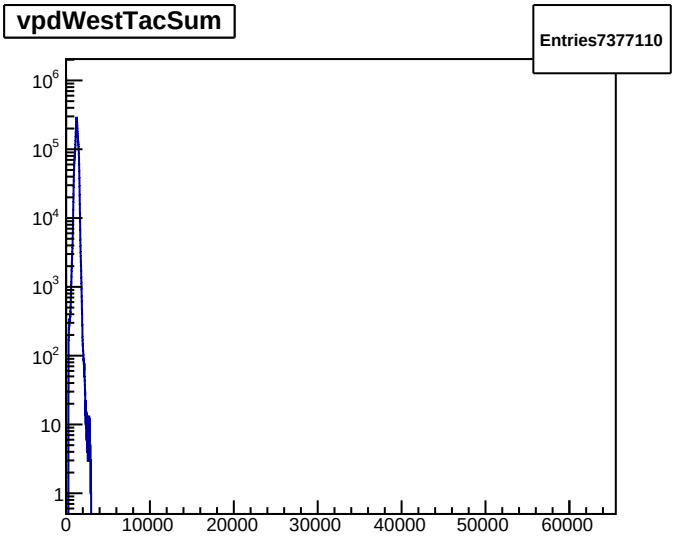

vpdEastTacSumVsSimu
Entries 6535753
Data
Simu

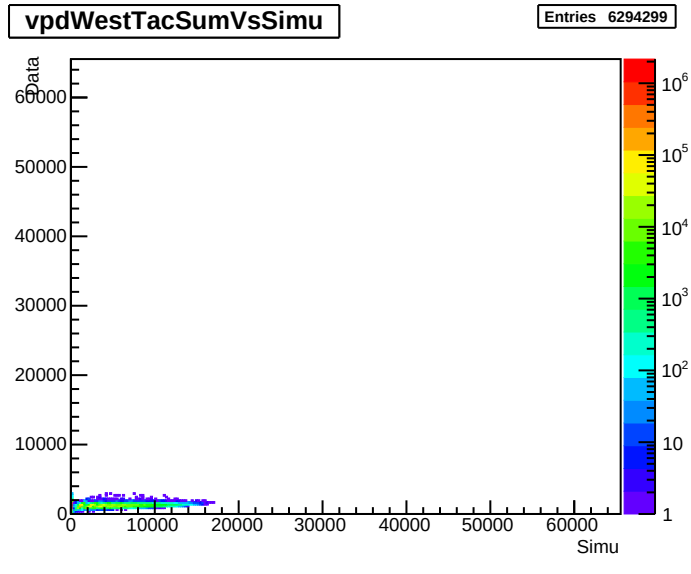

vpdWestAdcSum
Entries7377110

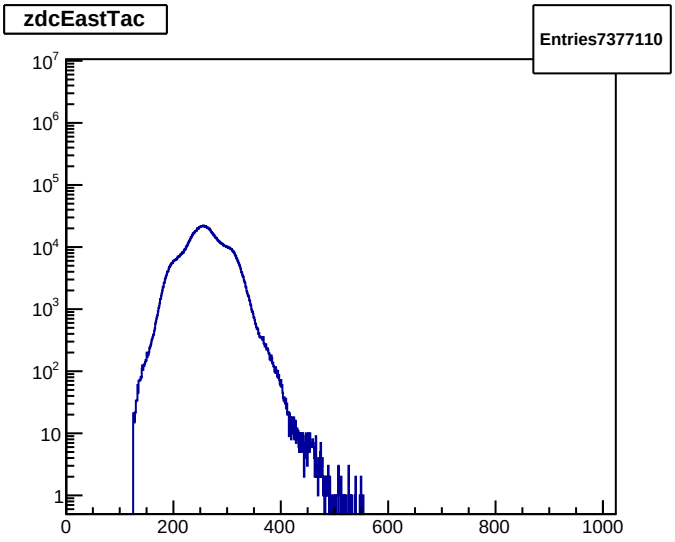

vpdWestAdcSumVsSimu
Entries 5746352
Data
Simu

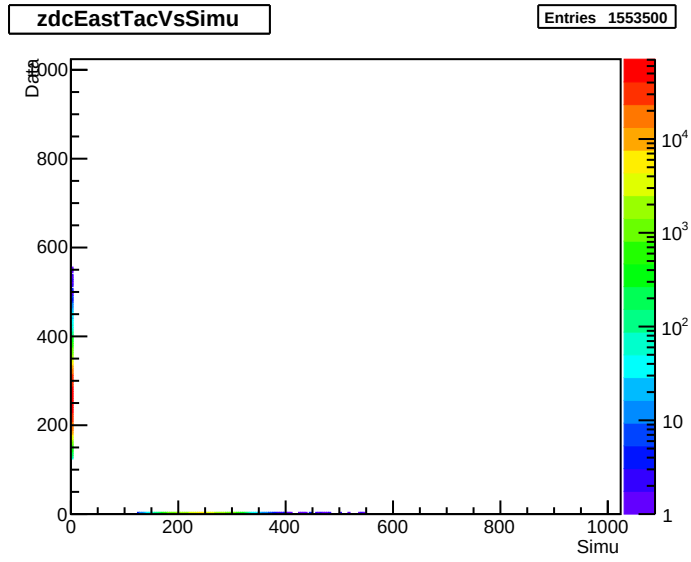

vpdWestNHits
Entries7377110

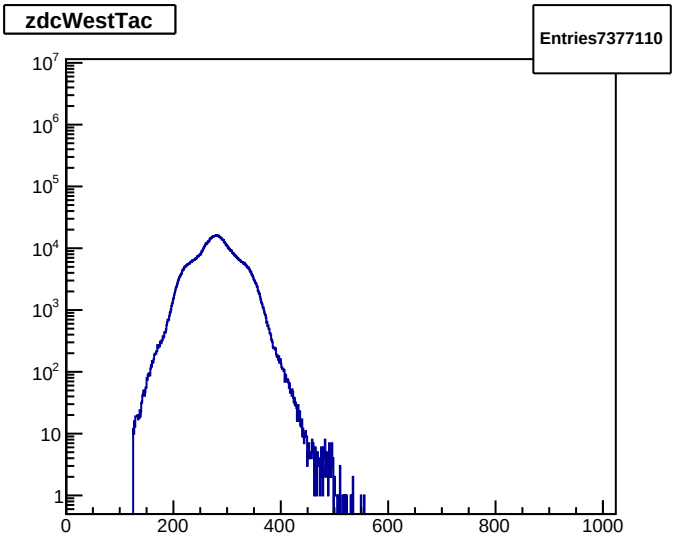

vpdWestNHitsVsSimu
Entries 1449820

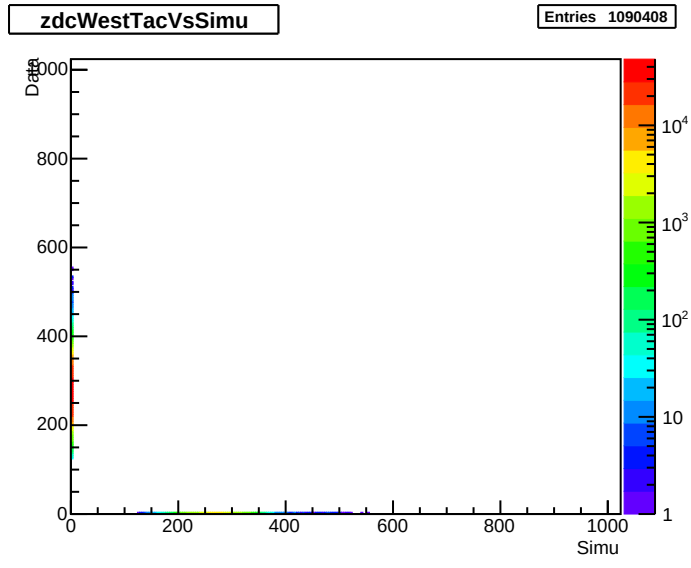

vpdWestTacSum
Entries7377110

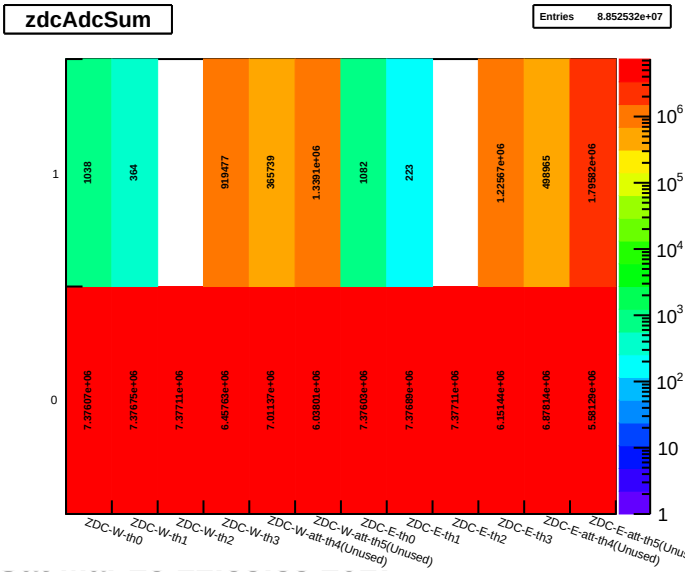

vpdWestTacSumVsSimu
Entries 6294299
Data
Simu

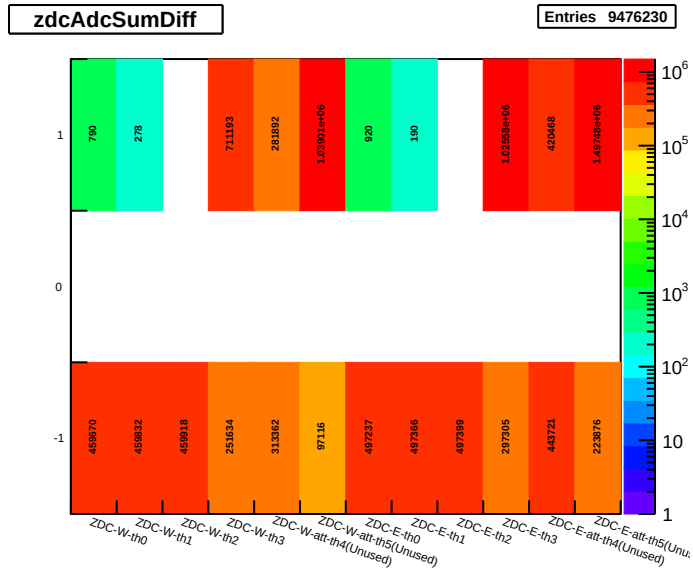

zdcEastTac
Entries7377110

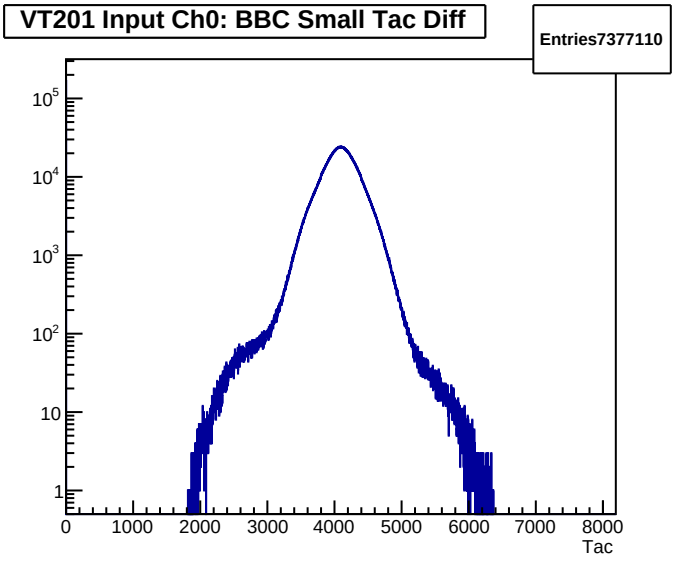

zdcEastTacVsSimu
Entries 1553500
Data
Simu

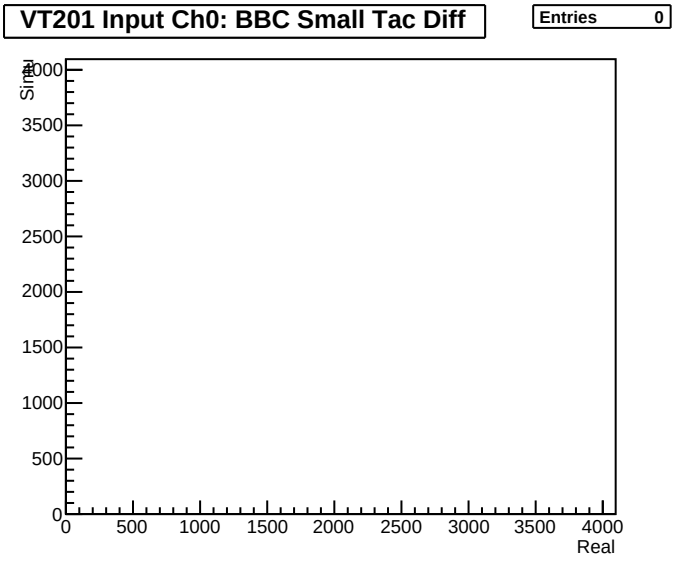

zdcWestTac
Entries7377110

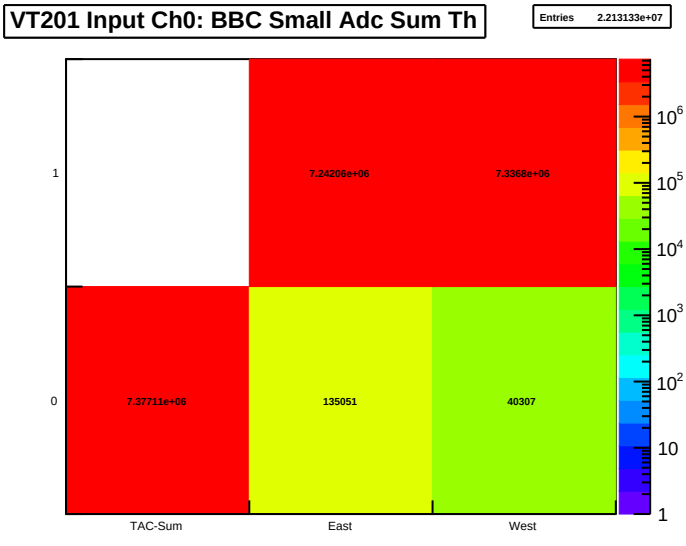

zdcWestTacVsSimu
Entries 1090408
Data
Simu

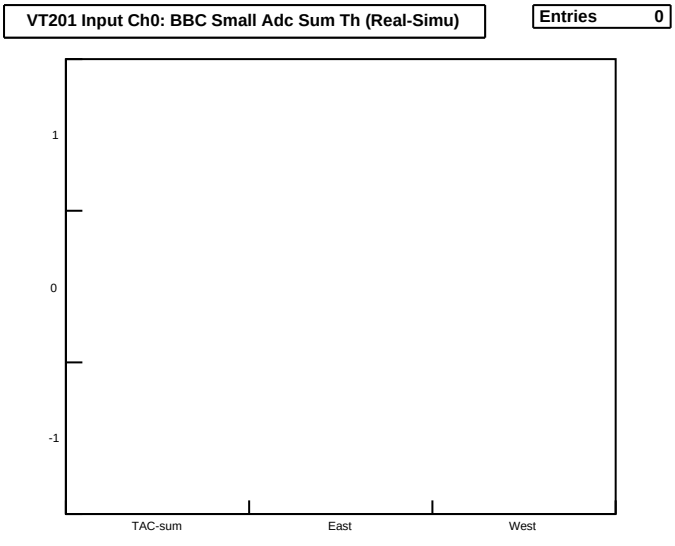

zdcAdcSum
Entries 8.852532e+07
1038
364
919477
365739
1.3391e+06
1082
223
1.22567e+06
498965
1.79582e+06
7.37607e+06
7.37675e+06
7.37711e+06
6.45763e+06
7.01137e+06
6.03801e+06
7.37603e+06
7.37688e+06
7.37711e+06
6.15144e+06
6.87814e+06
5.58129e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

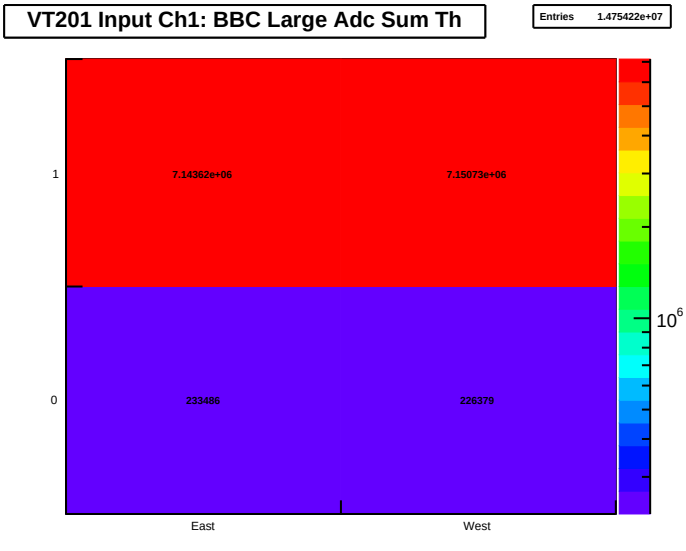

zdcAdcSumDiff
Entries 9476230
790
278
711193
281892
1.03901e+06
920
190
1.02558e+06
420468
1.49748e+06
459670
459832
459918
251634
313362
97116
497237
497366
497399
297305
443721
223876
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

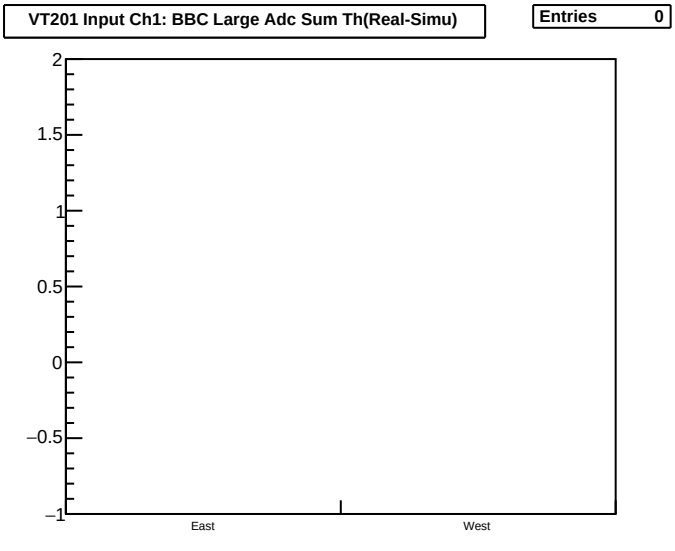

VT201 Input Ch0: BBC Small Tac Diff
Entries7377110
Tac


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

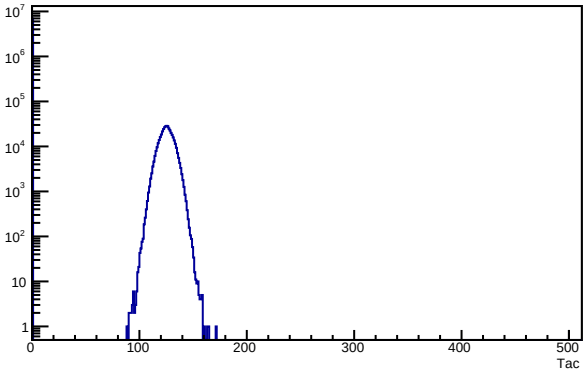

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.213133e+07
7.24206e+06
7.3368e+06
7.37711e+06
135051
40307
TAC-Sum
East
West


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

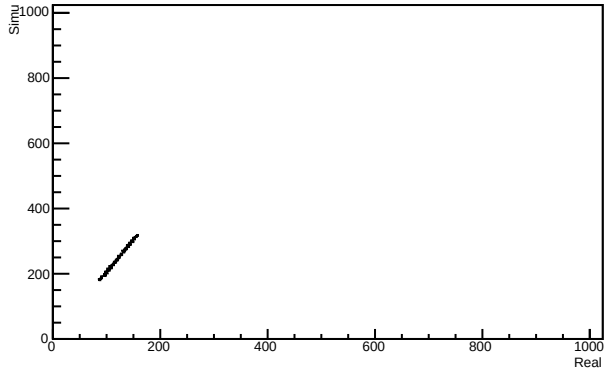

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.475422e+07
7.14362e+06
7.15073e+06
233486
226379
East
West


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

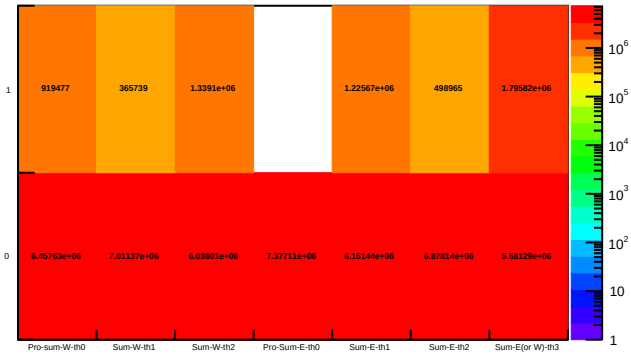
VT201 Input Ch2: ZDC Tac Diff



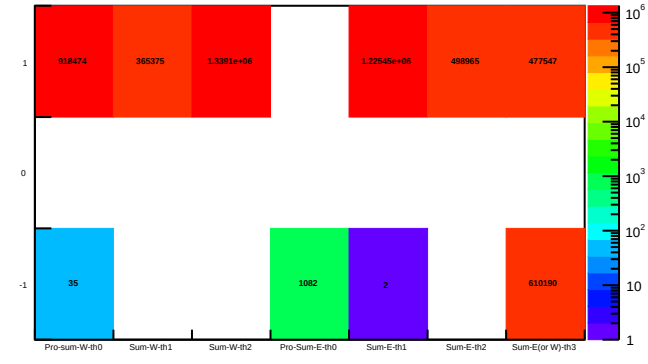
VT201 Input Ch2: ZDC Tac Diff



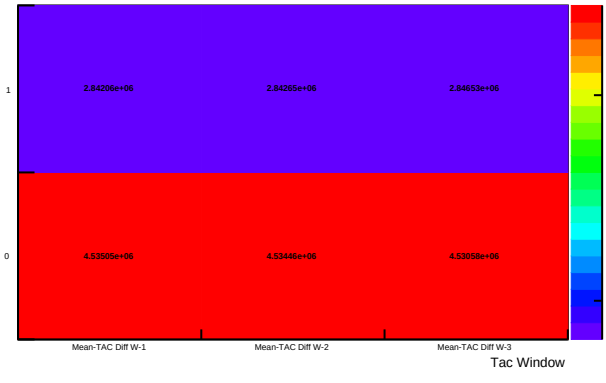
VT201 Input Ch2: ZDC Adc Sum Th



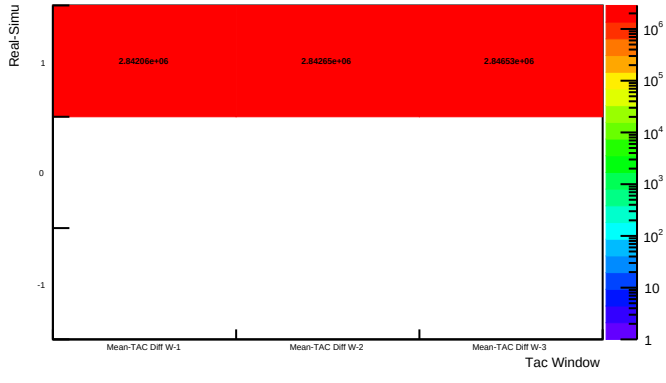
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



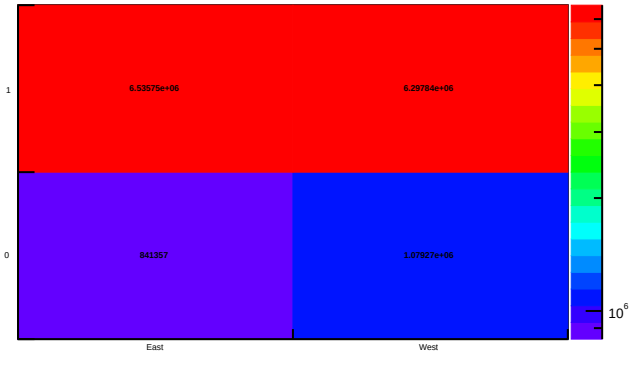
VT201 Input Ch4: VPD Tac Diff



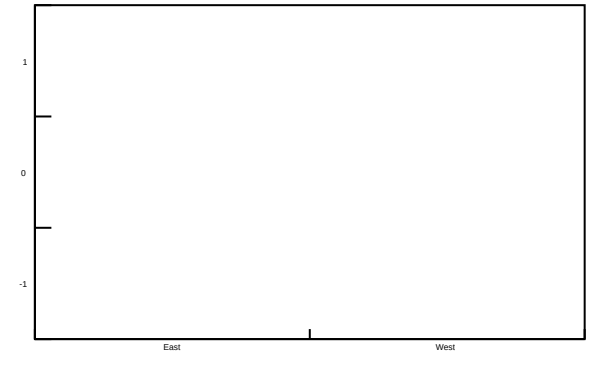
VT201 Input Ch4: VPD Tac Diff

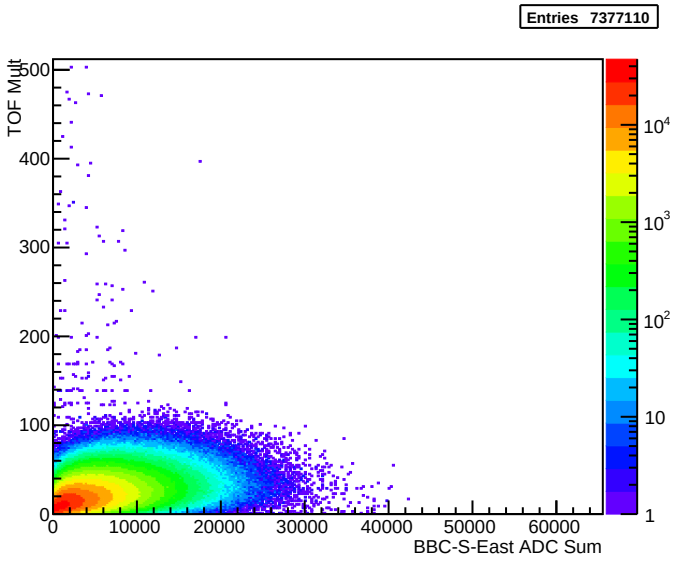


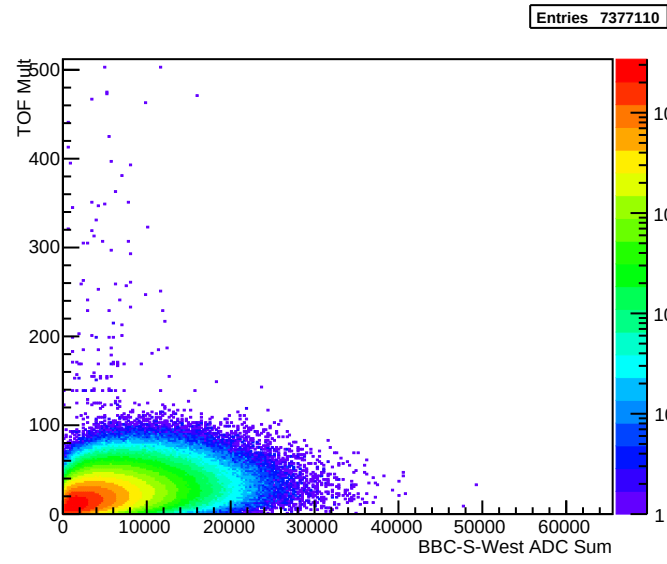
VT201 Input Ch4: VPD Adc Sum Th

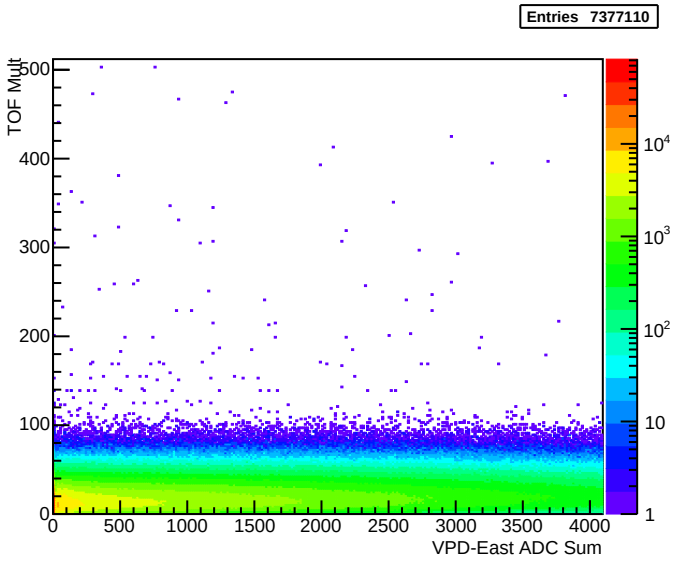


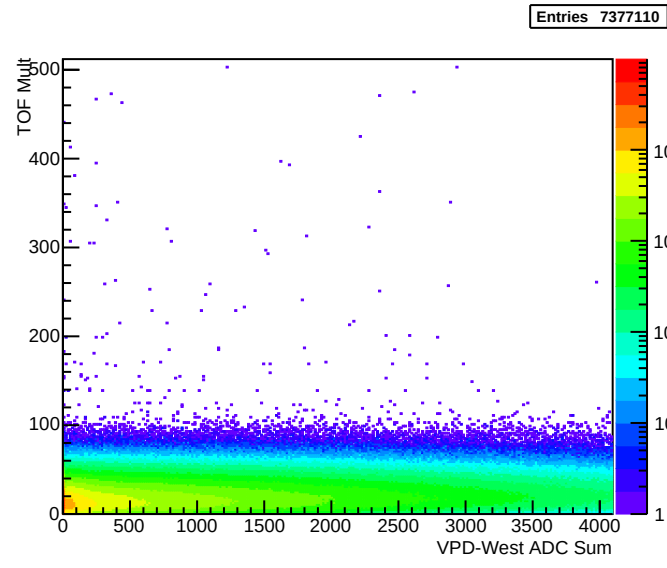
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

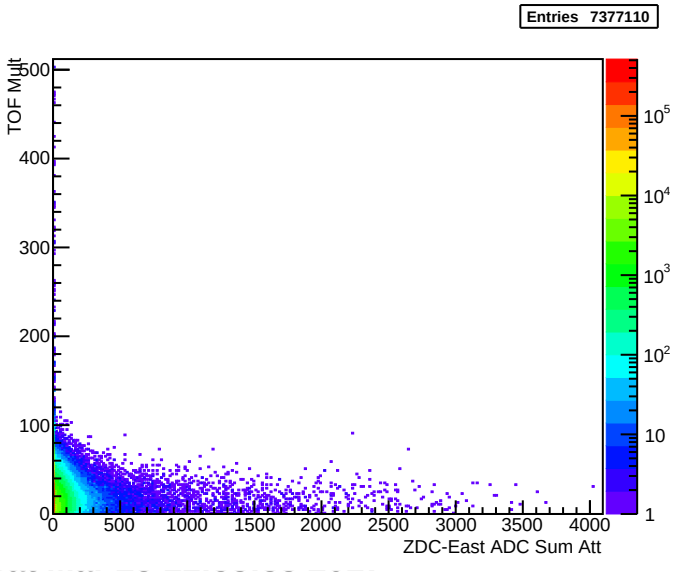


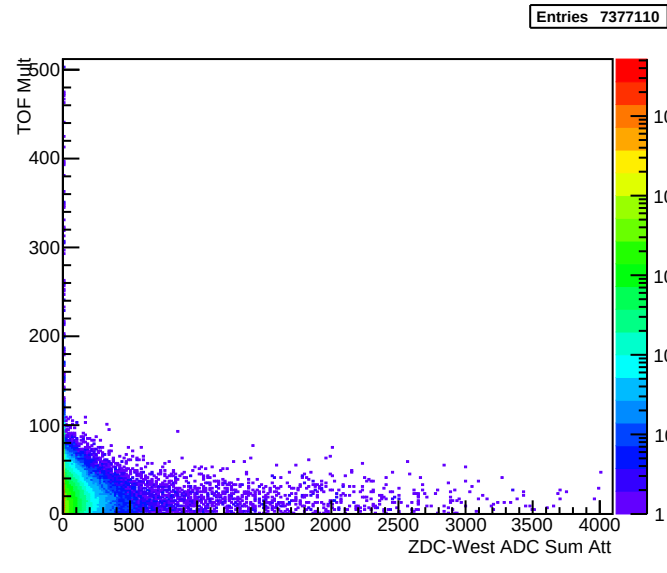

Entries 7377110
TOF Mult
BBC-S-East ADC Sum

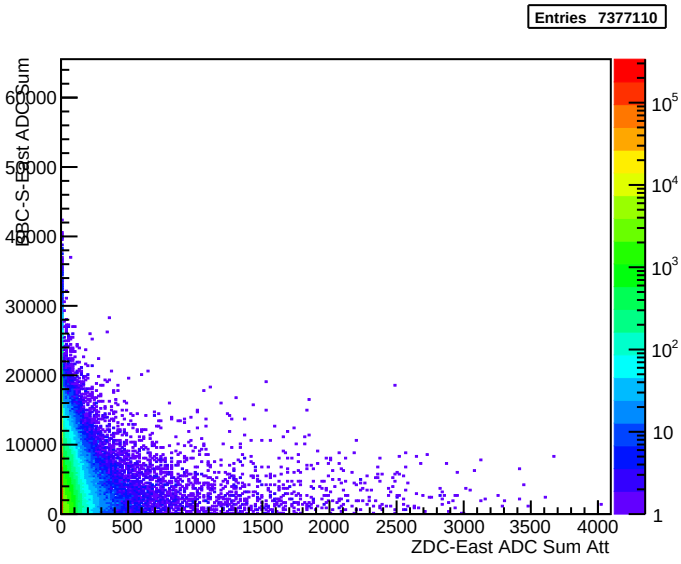

Entries 7377110
TOF Mult
BBC-S-West ADC Sum

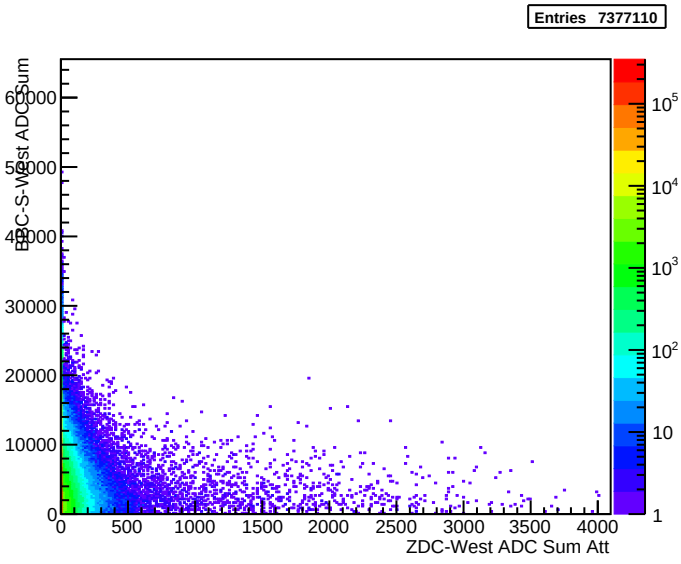

Entries 7377110
TOF Mult
VPD-East ADC Sum

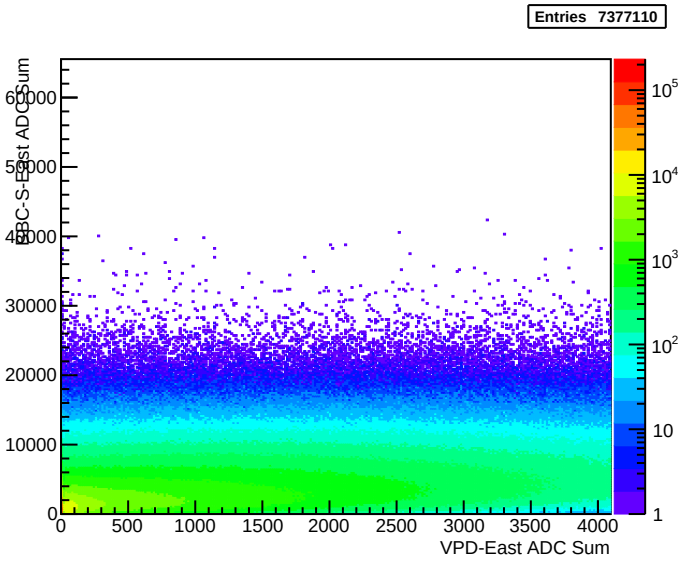

Entries 7377110
TOF Mult
VPD-West ADC Sum

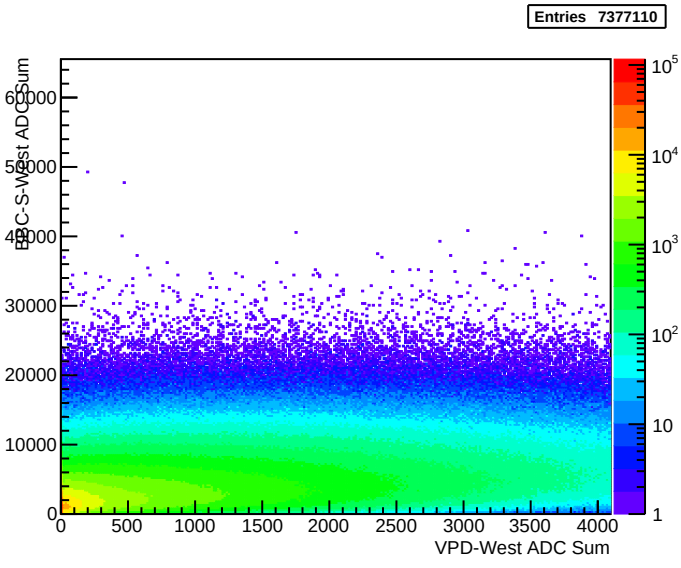

Entries 7377110
TOF Mult
ZDC-East ADC Sum Att

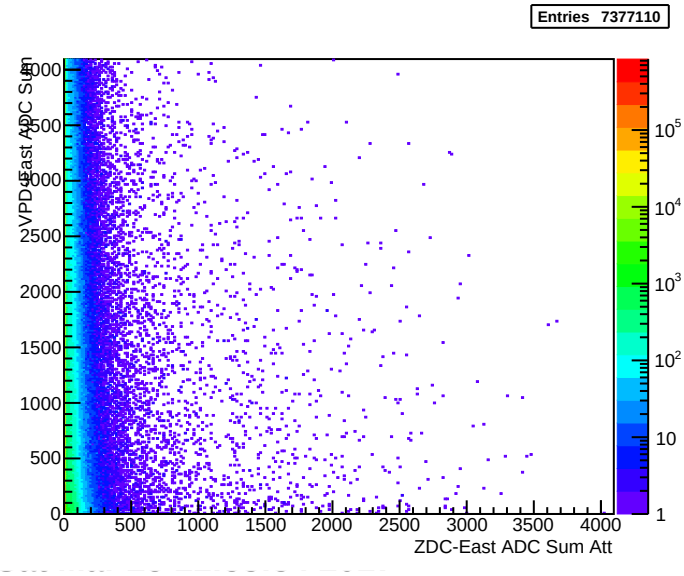

Entries 7377110
TOF Mult
ZDC-West ADC Sum Att

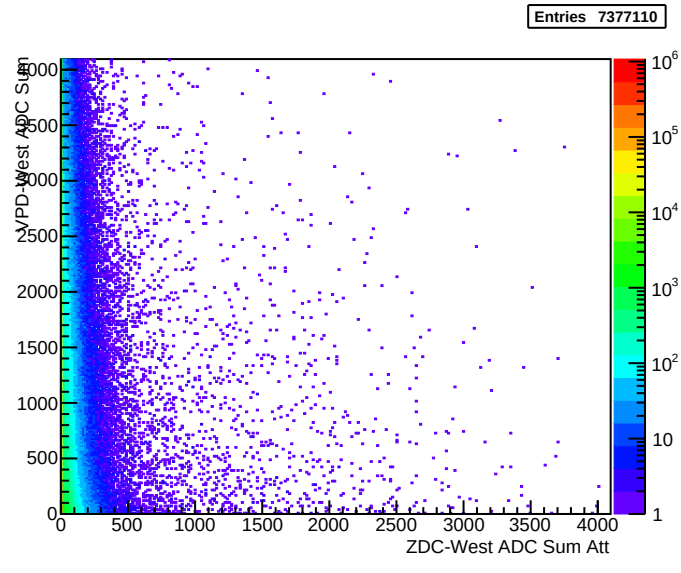

Entries 7377110
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

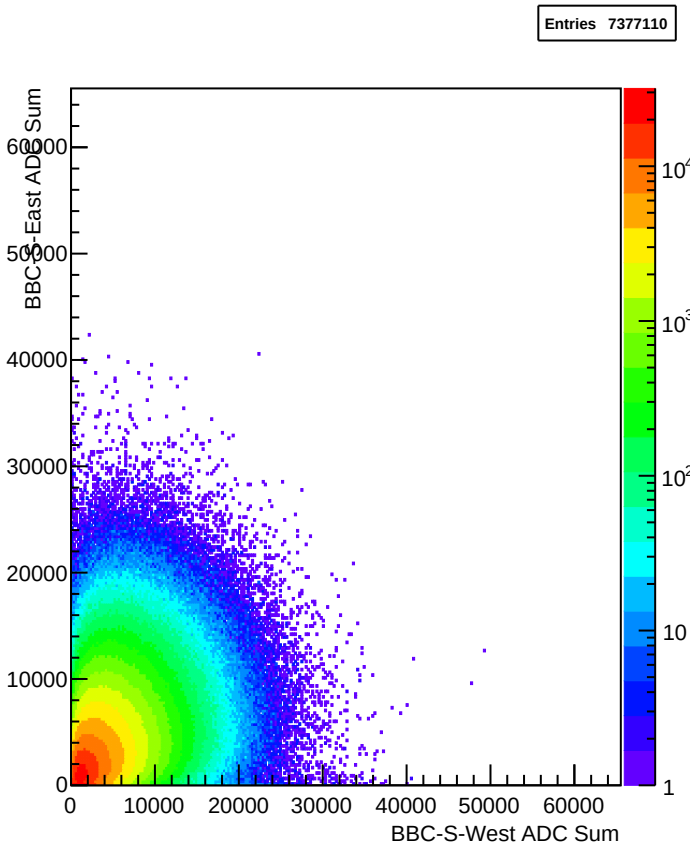

Entries 7377110
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

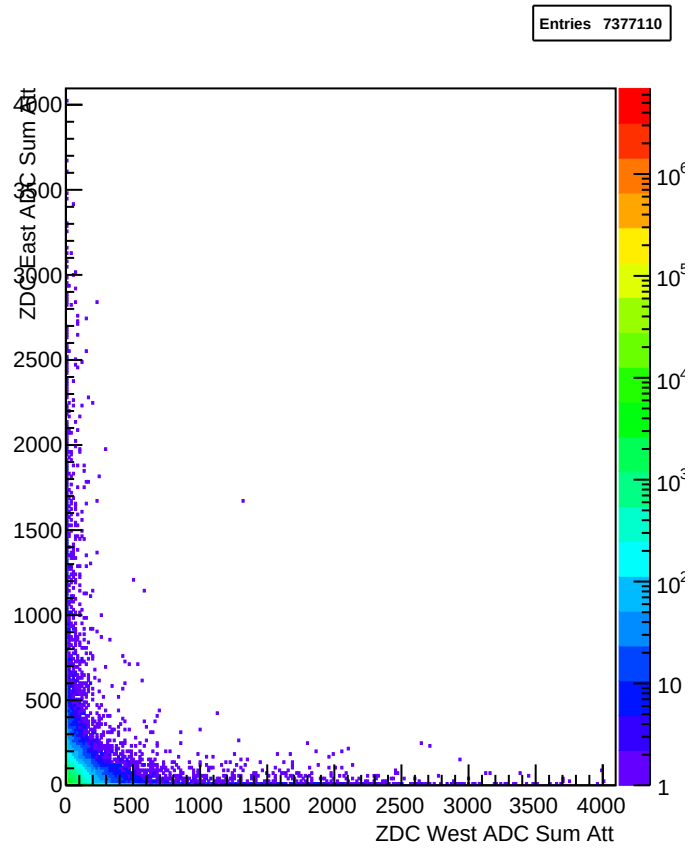

Entries 7377110
BBC-S-East ADC Sum
VPD-East ADC Sum

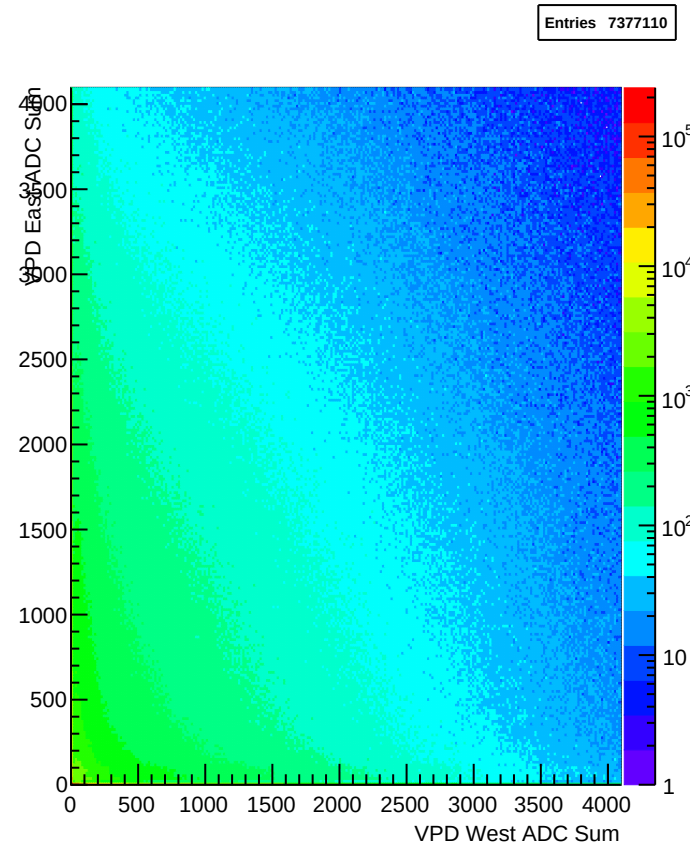

Entries 7377110
BBC-S-West ADC Sum
VPD-West ADC Sum

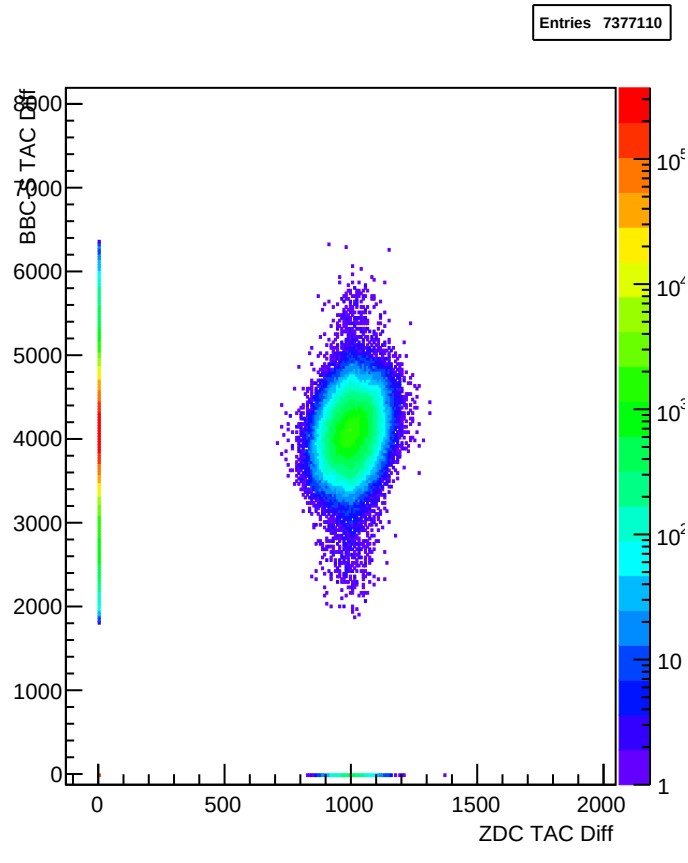

Entries 7377110
VPD-East ADC Sum
ZDC-East ADC Sum Att

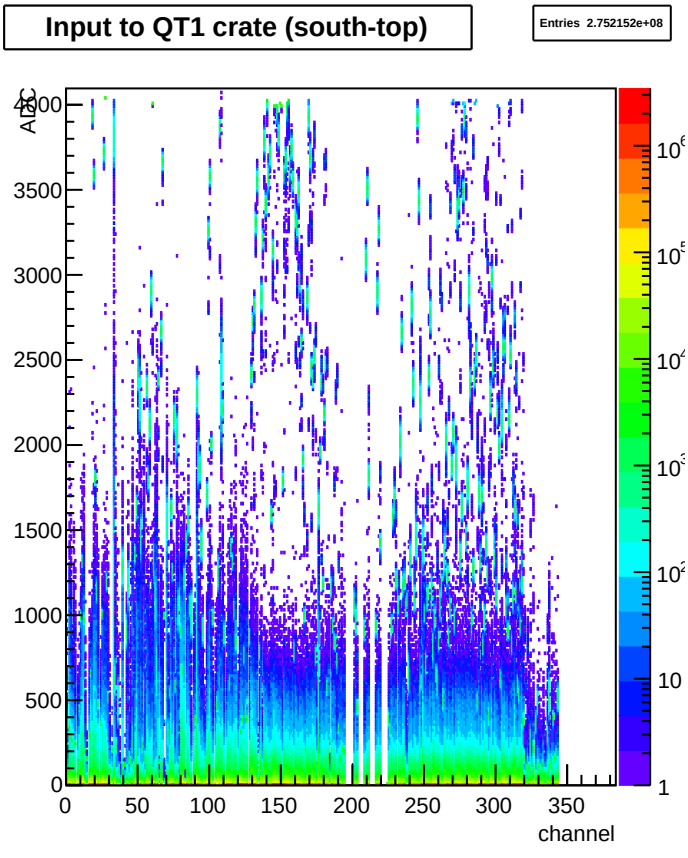

Entries 7377110
VPD-West ADC Sum
ZDC-West ADC Sum Att

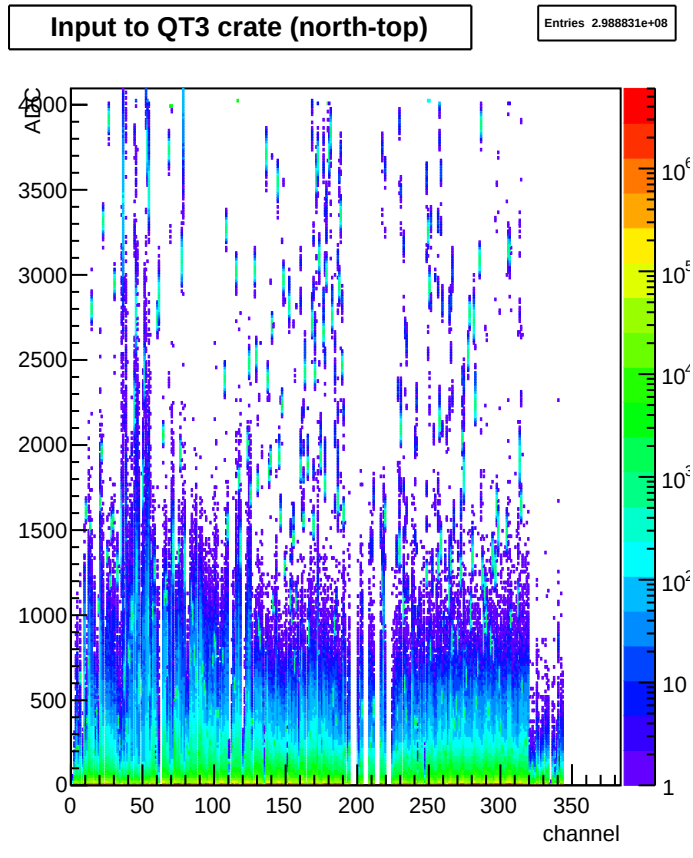

Entries 7377110
BBC-S-East ADC Sum
BBC-S-West ADC Sum

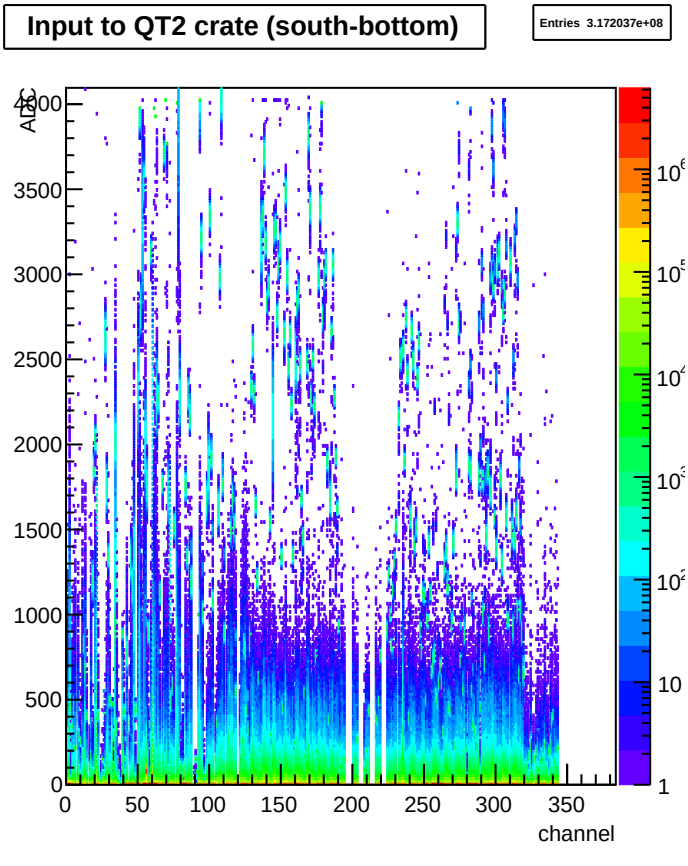

Entries 7377110
ZDC East ADC Sum Att
ZDC West ADC Sum Att

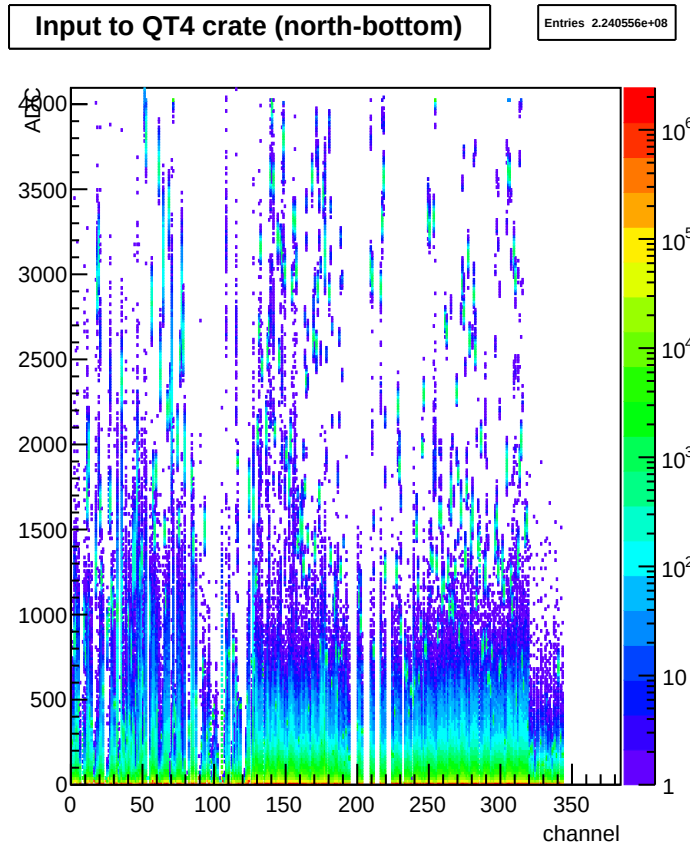

Entries 7377110
VPD East ADC Sum
VPD West ADC Sum

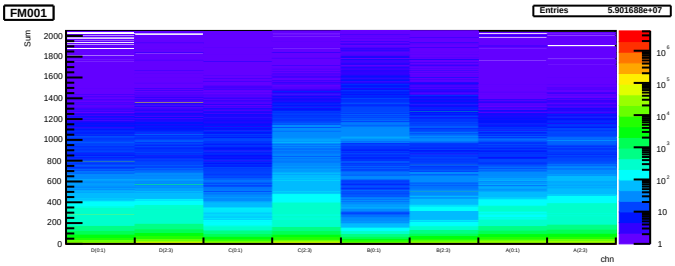

Entries 7377110
BBC-S TAC Diff
ZDC TAC Diff

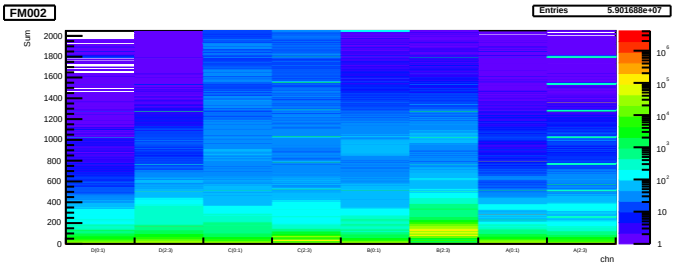

Input to QT1 crate (south-top)
Entries 2.752152e+08
ADC
channel

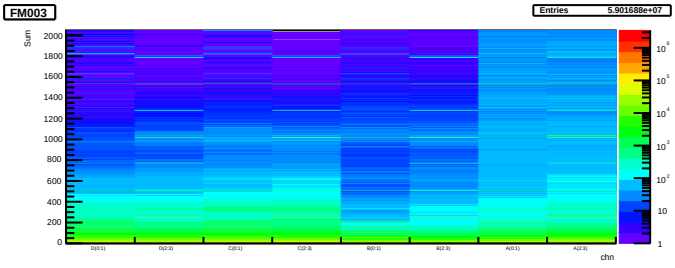

Input to QT3 crate (north-top)
Entries 2.988831e+08
ADC
channel

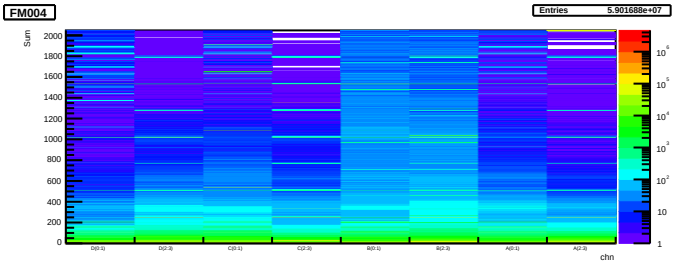

Input to QT2 crate (south-bottom)
Entries 3.172037e+08
ADC
channel

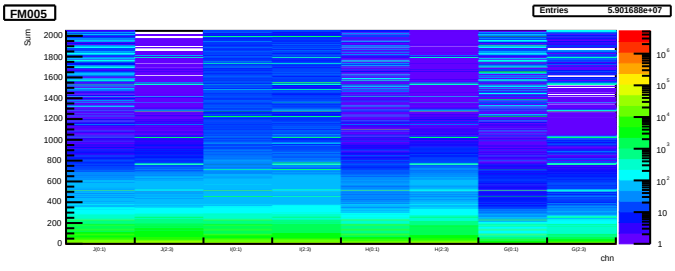

Input to QT4 crate (north-bottom)
Entries 2.240556e+08
ADC
channel

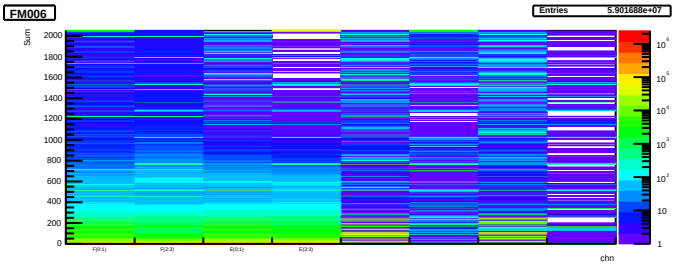

FM001
Entries 5.901688e+07
Sum
chn

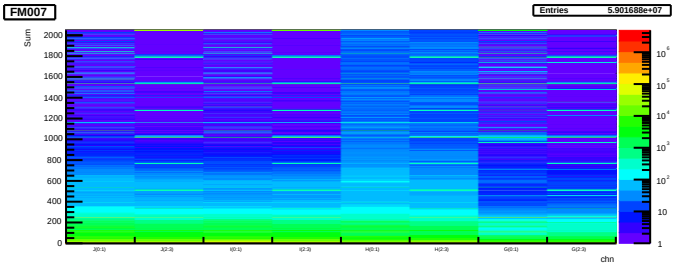

FM002
Entries 5.901688e+07
Sum
chn


FM003
Entries 5.901688e+07
Sum
chn


FM004
Entries 5.901688e+07
Sum
chn


FM005
Entries 5.901688e+07
Sum
chn


FM006
Entries 5.901688e+07
Sum
chn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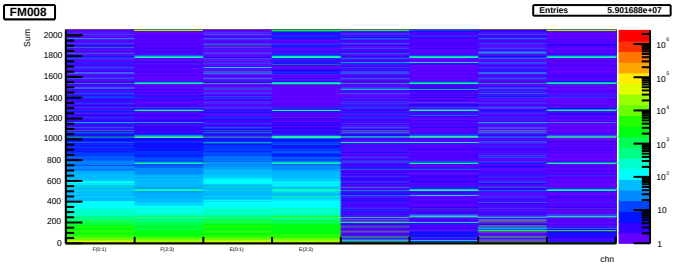
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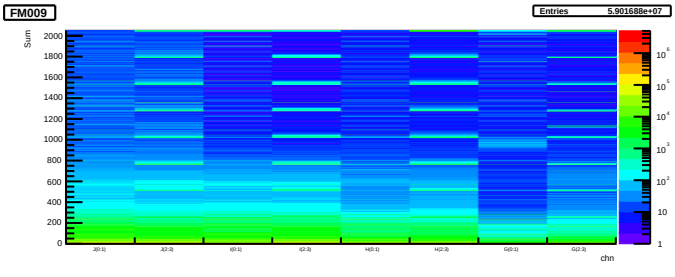
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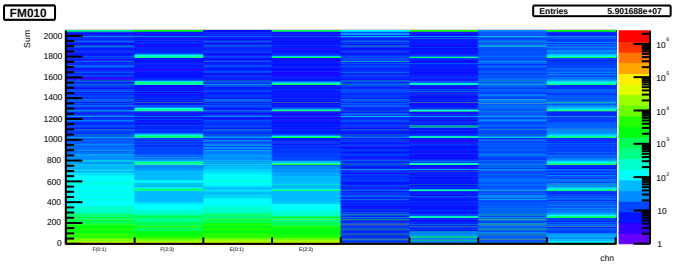
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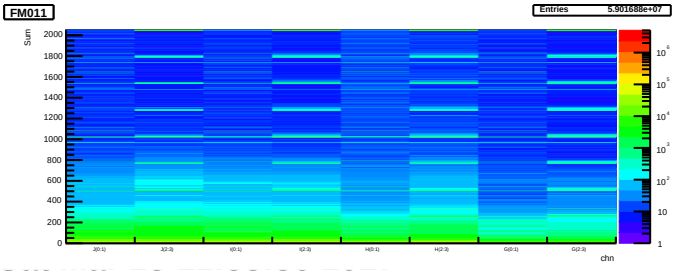
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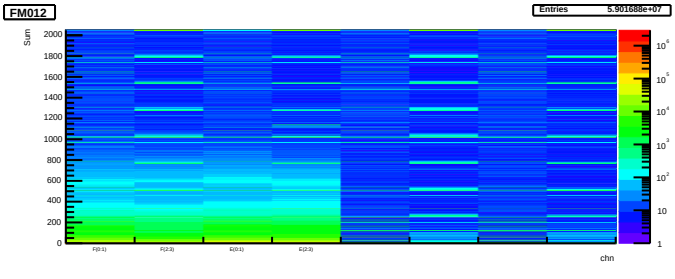
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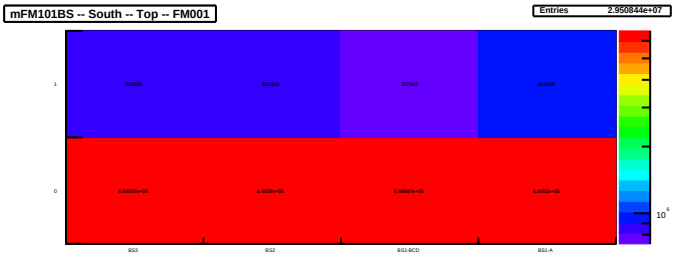
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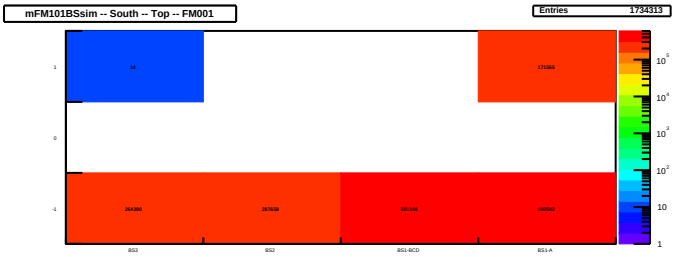
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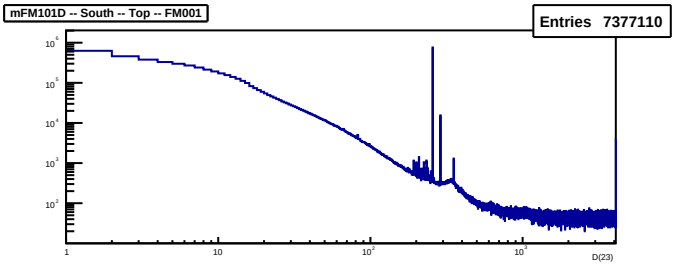
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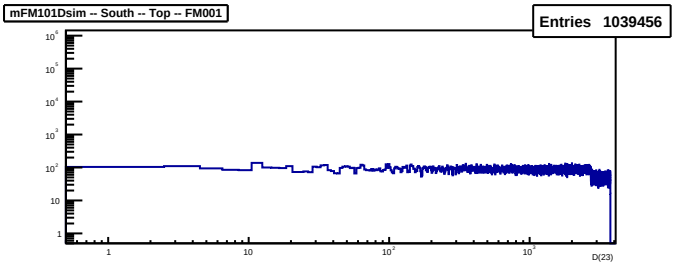
D(23)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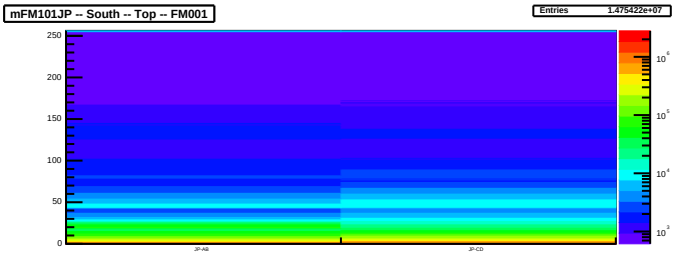
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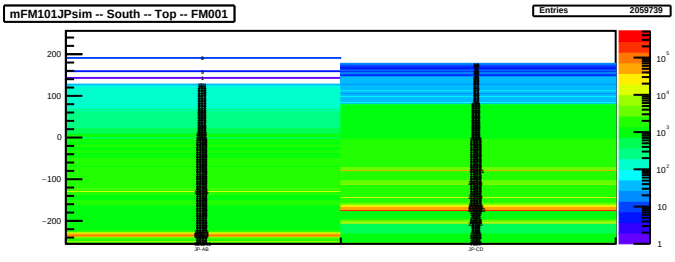
Entries 1.475422e+07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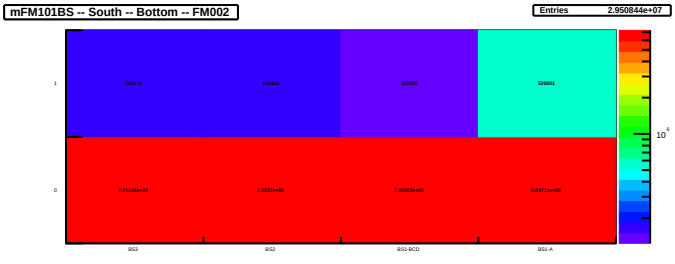
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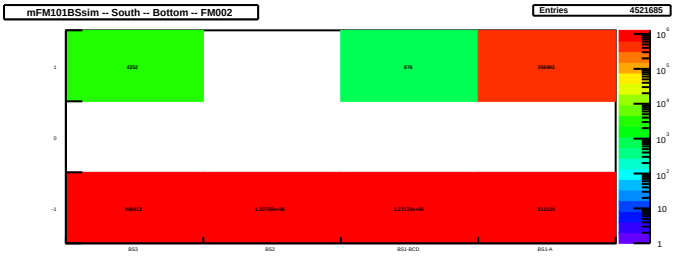
Entries 2.950844e+07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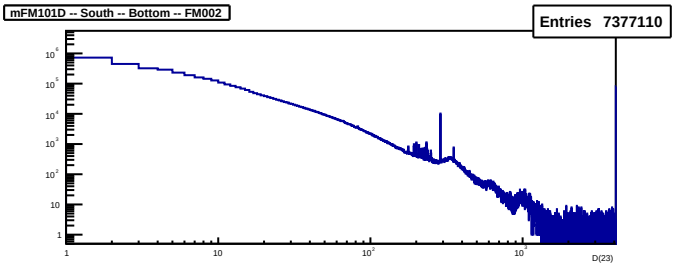
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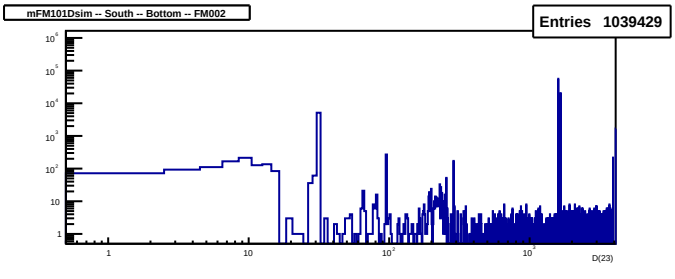
Entries 7377110
D(23)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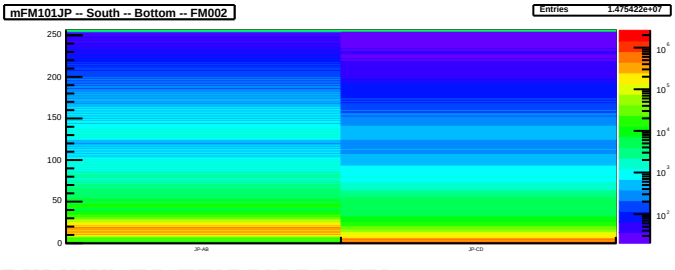
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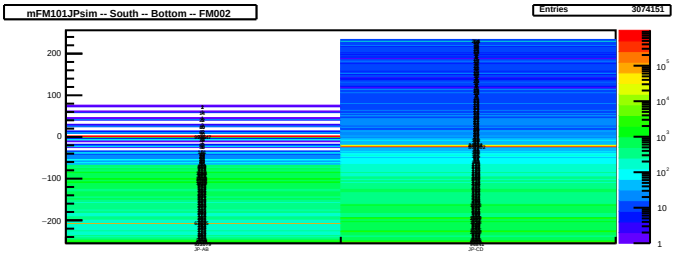
Entries 1.475422e+07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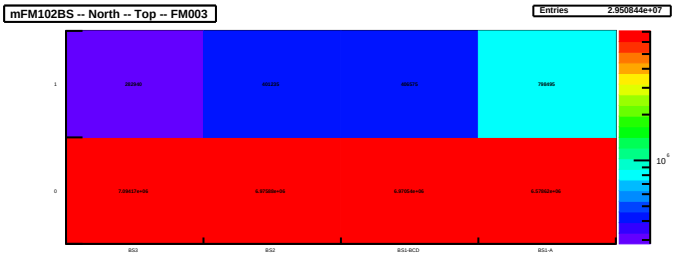
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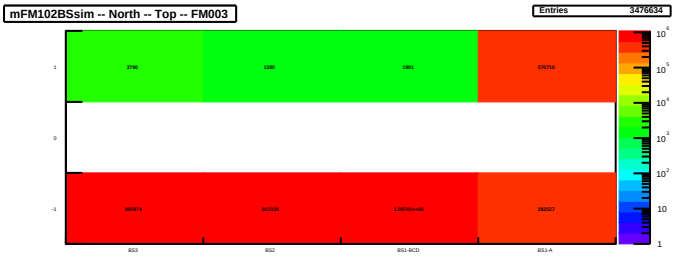
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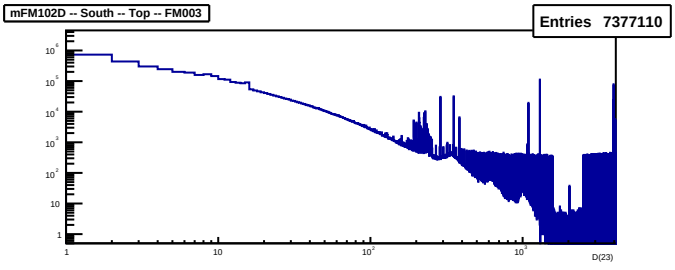
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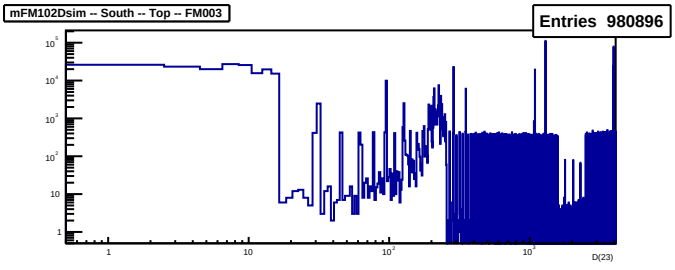
Entries 7377110
D(23)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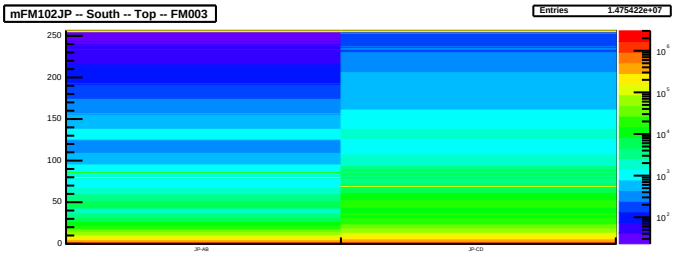
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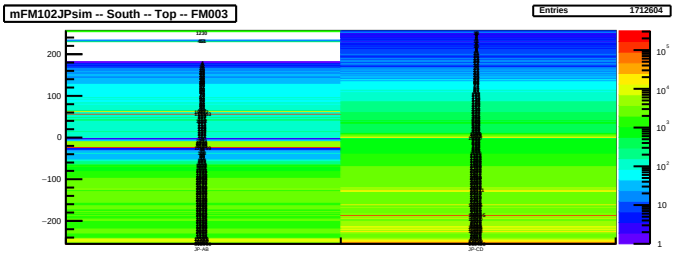
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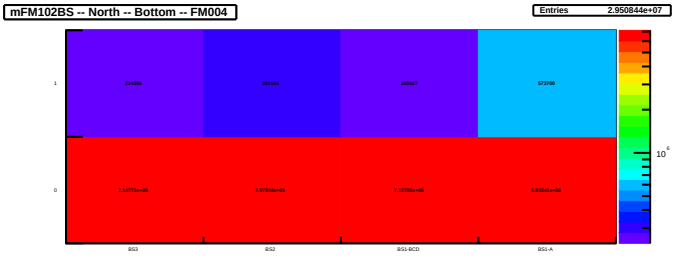
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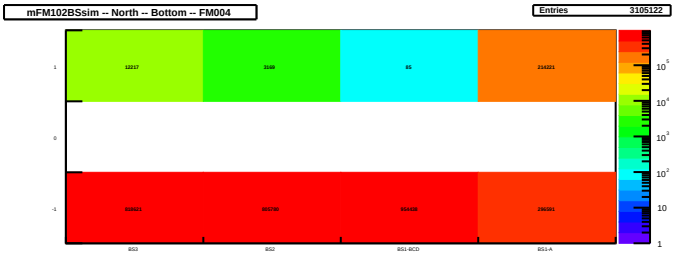
Entries 2.950844e+07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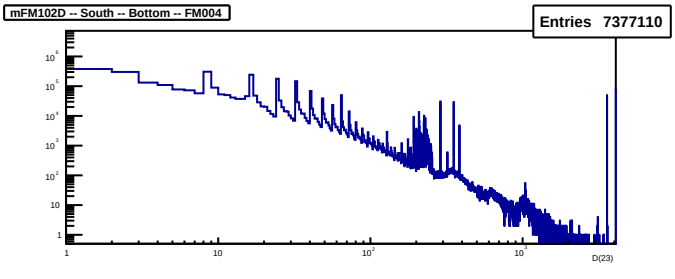
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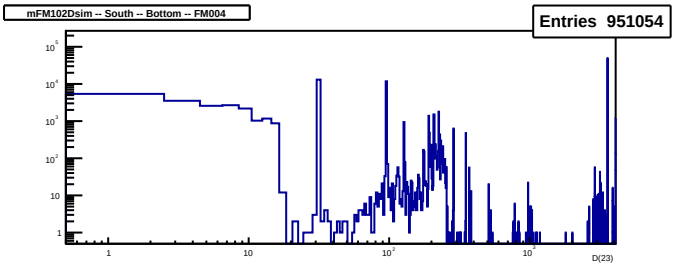
D(23)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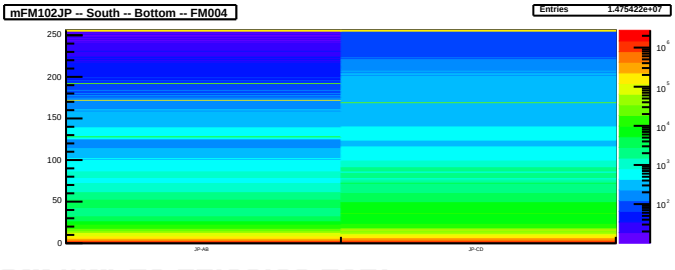
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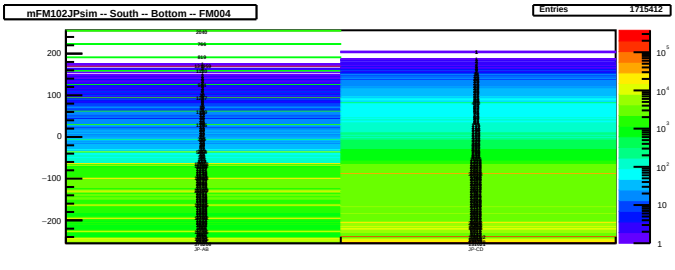
Entries 1.475422e+07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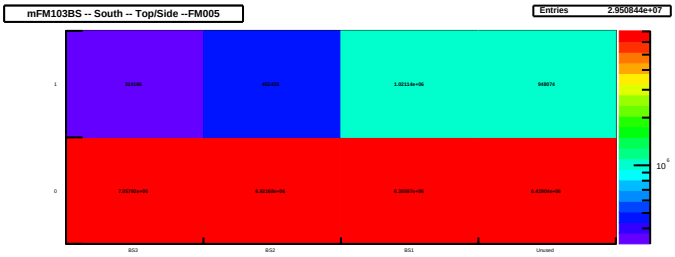
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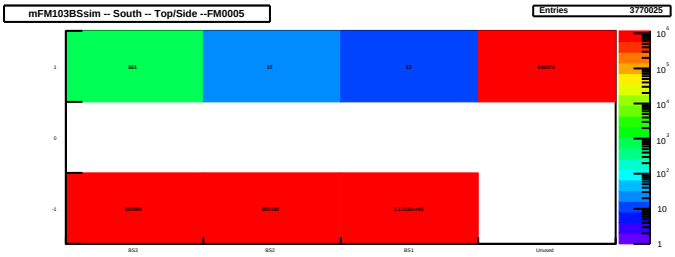
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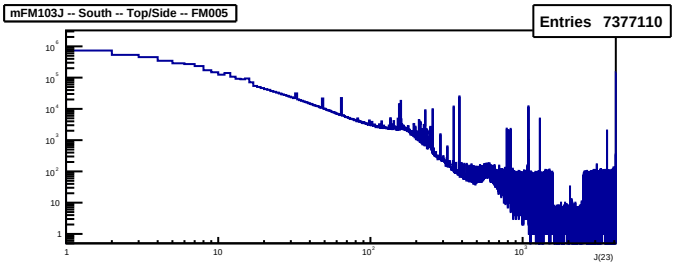
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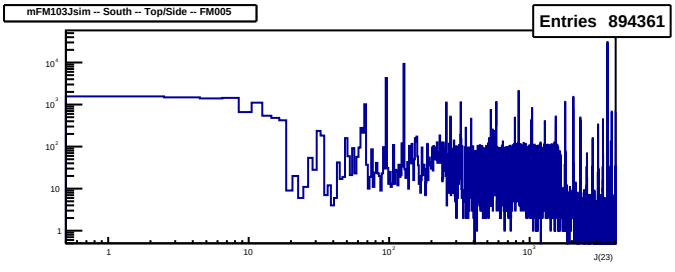
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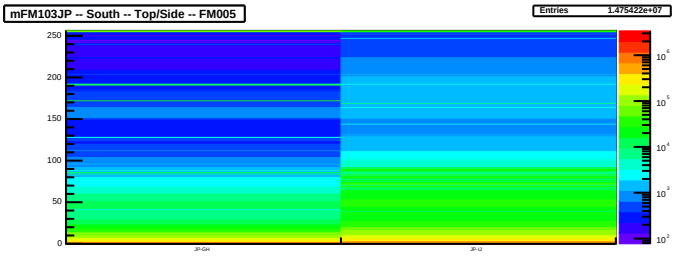
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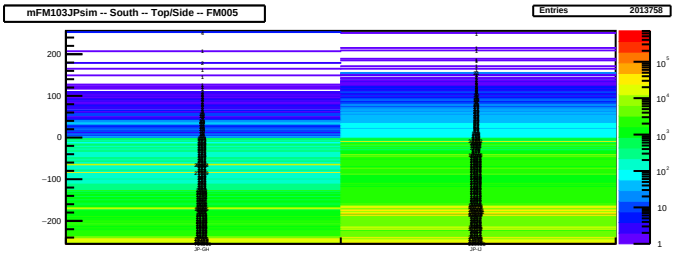
Entries 1.475422e+07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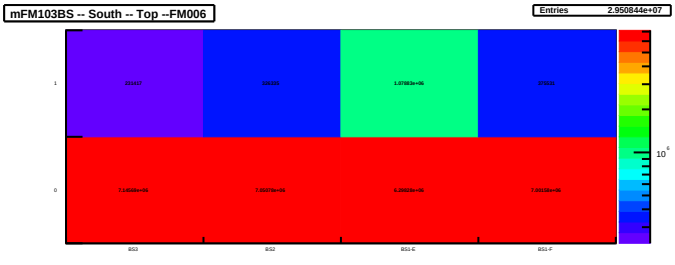
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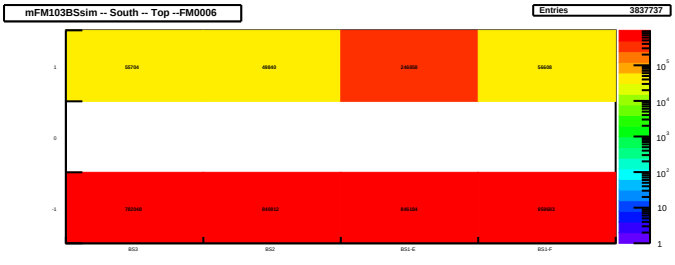
Entries 2.950844e+07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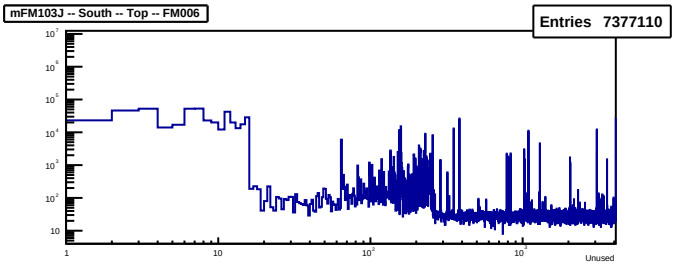
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Entries 7377110
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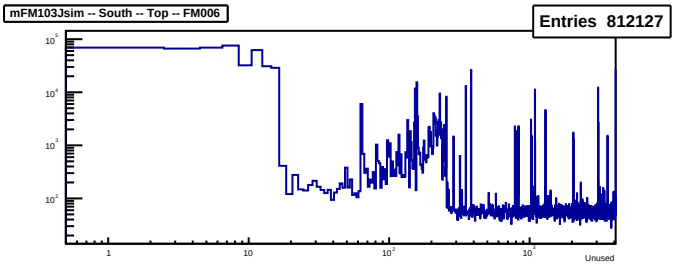
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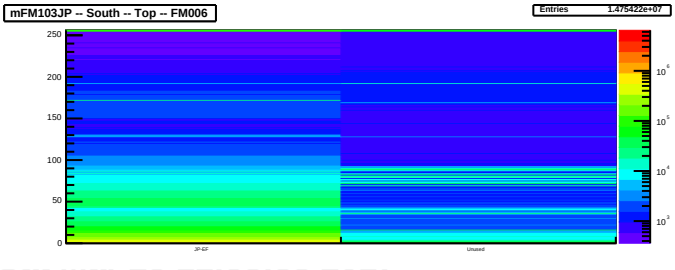
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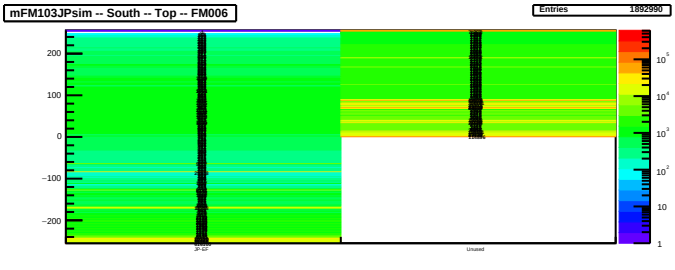
Entries 1.475422e+07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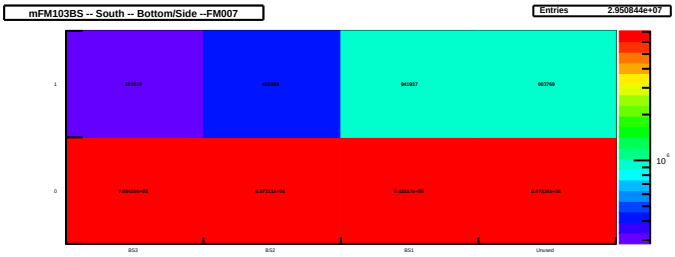
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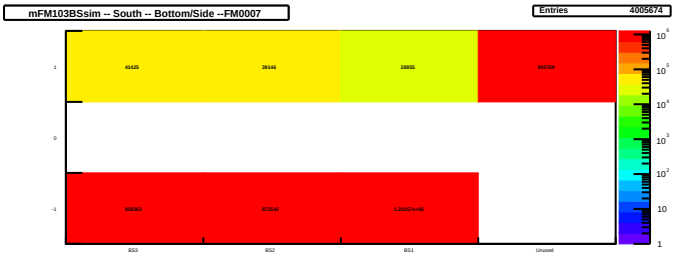
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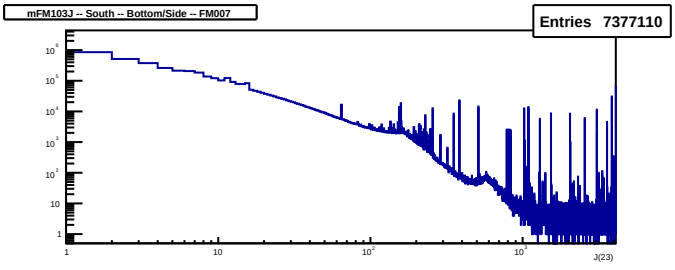
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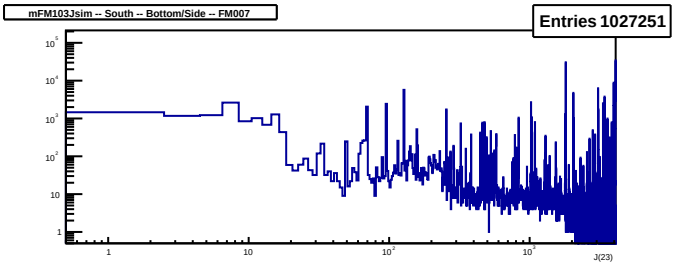
J(23)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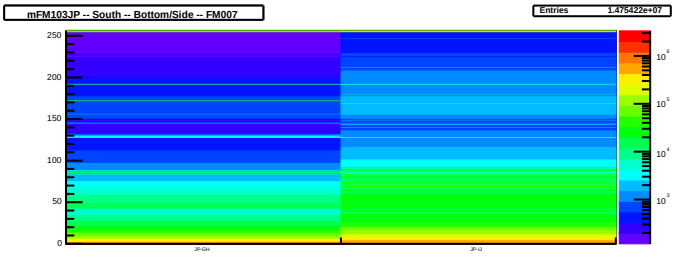
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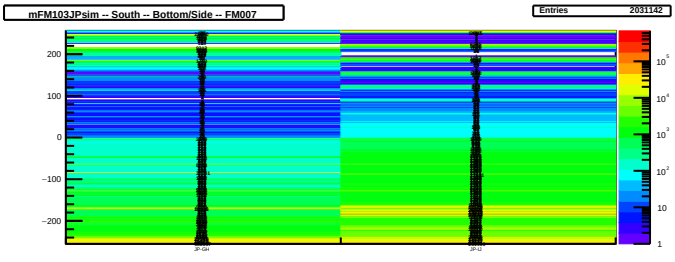
Entries 1.475422e+07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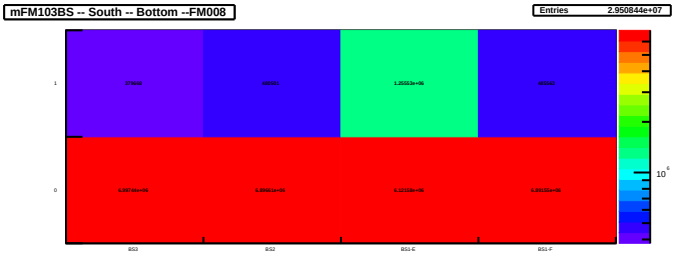
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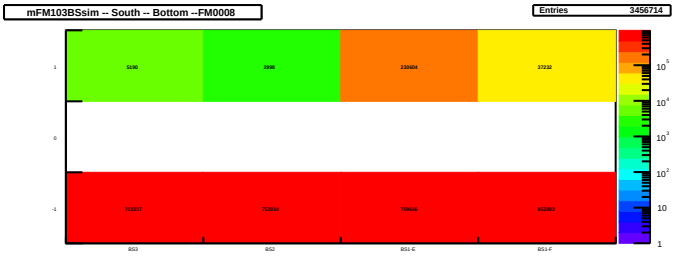
Entries 2.950844e+07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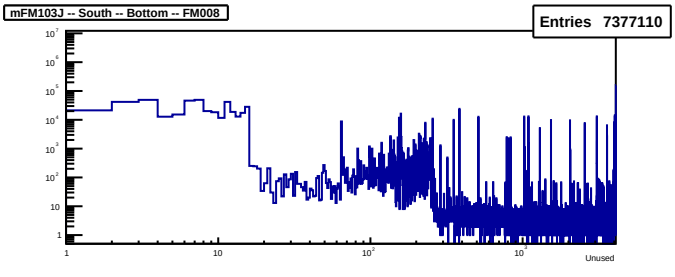
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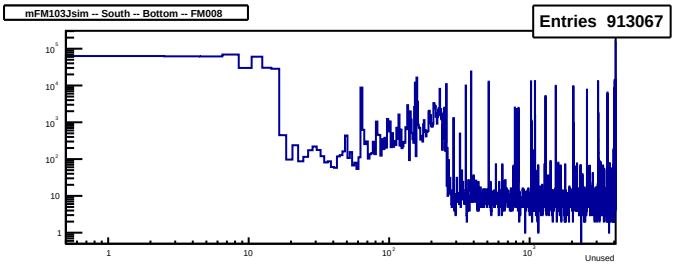
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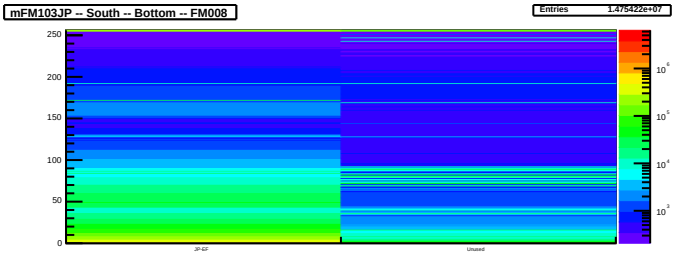
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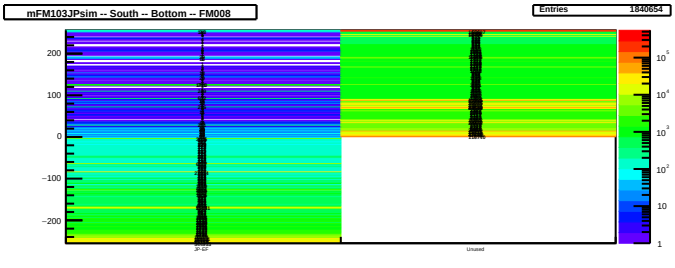
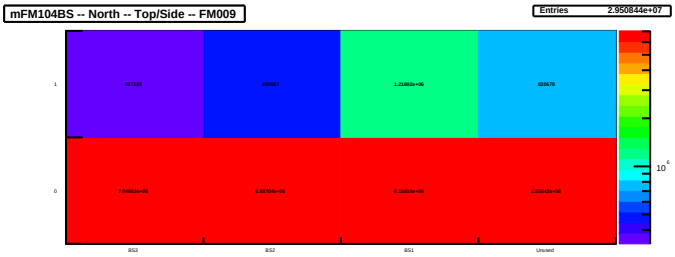
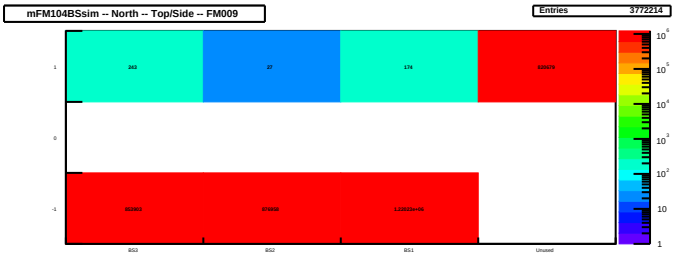
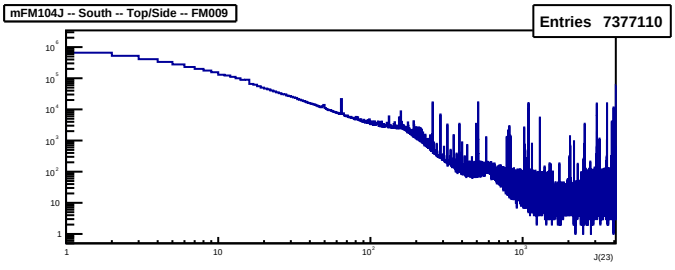
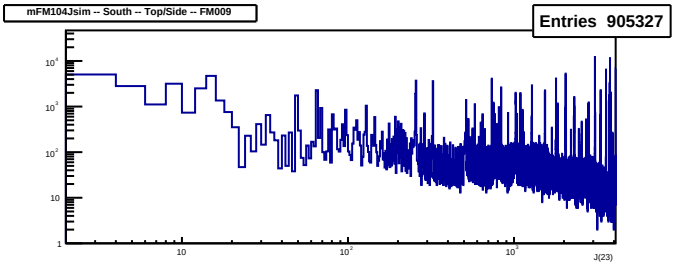
Entries 1.475422e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 1840654


mFM104BS -- North -- Top/Side -- FM009
Entries 2.950844e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 3772214


mFM104J -- South -- Top/Side -- FM009
Entries 7377110
J(23)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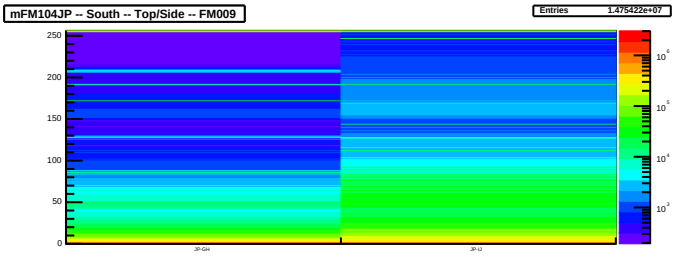
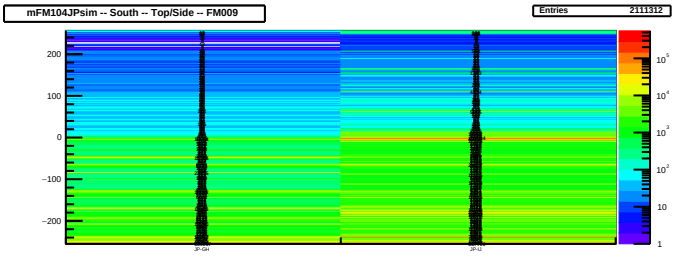
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.475422e+07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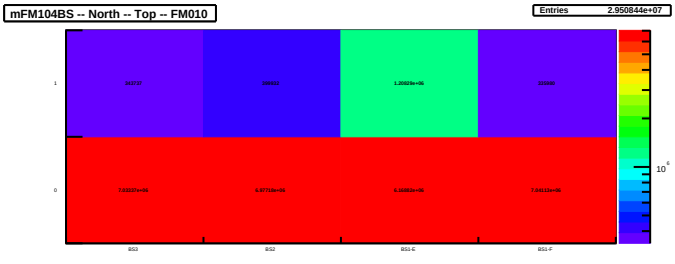
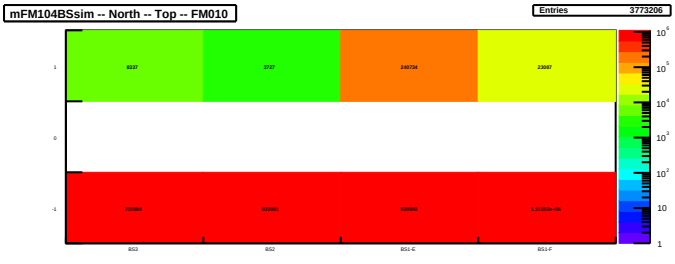
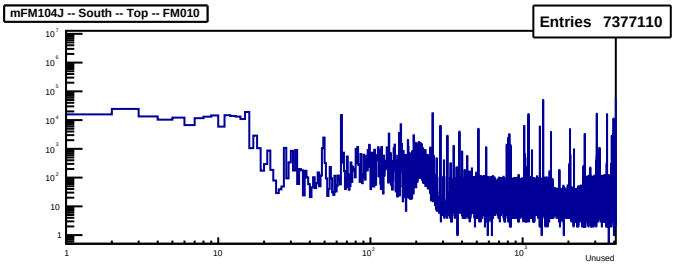
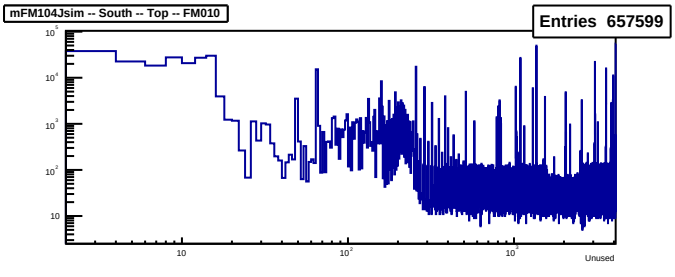
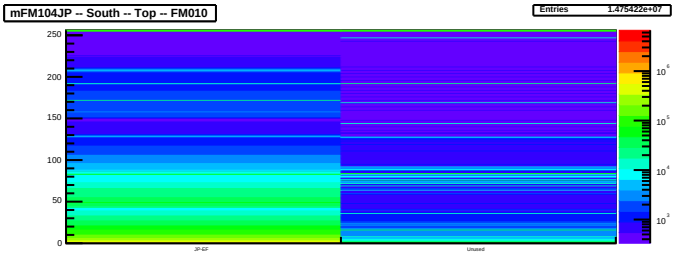
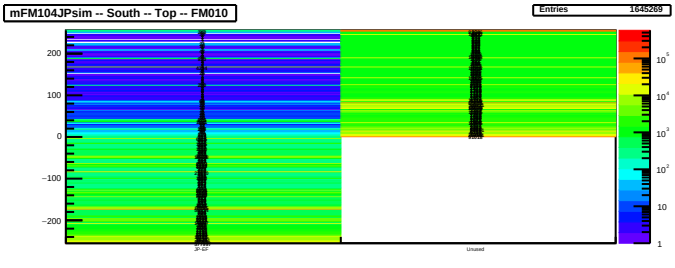

mFM104BS -- North -- Top -- FM010
Entries 2.950844e+07

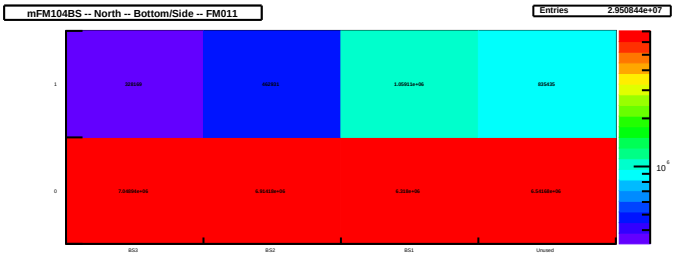

mFM104BSsim -- North -- Top -- FM010
Entries 3773206

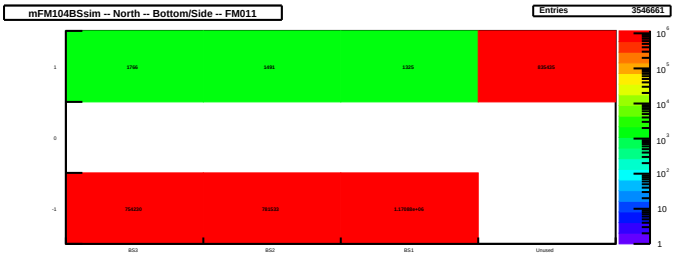

mFM104J -- South -- Top -- FM010
Entries 7377110
Unused

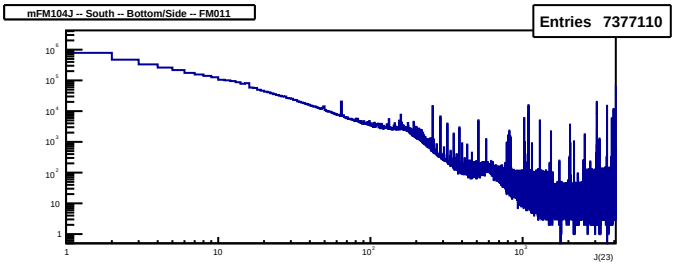

mFM104Jsim -- South -- Top -- FM010
Entries 657599
Unused

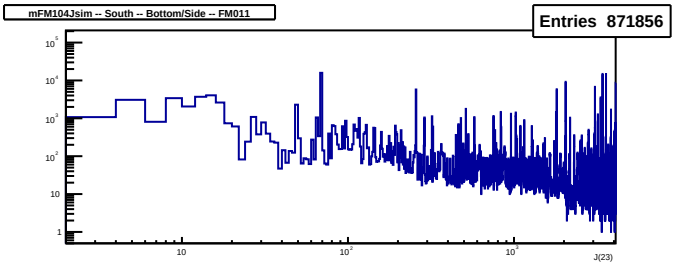

mFM104JP -- South -- Top -- FM010
Entries 1.475422e+07


mFM104JPsim -- South -- Top -- FM010
Entries 1645269


mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.950844e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3546661


mFM104J -- South -- Bottom/Side -- FM011
Entries 7377110
J(23)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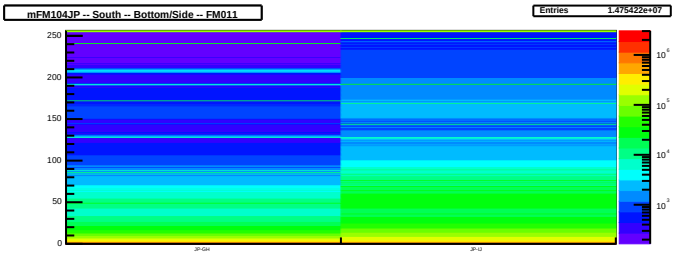
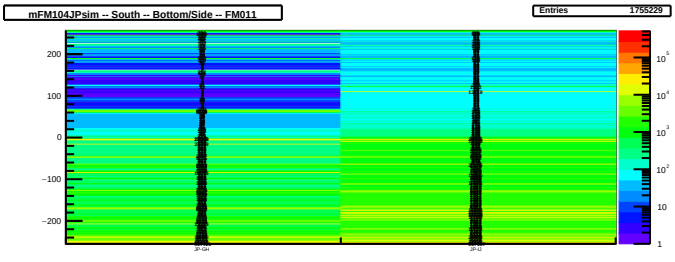
Entries 871856
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.475422e+07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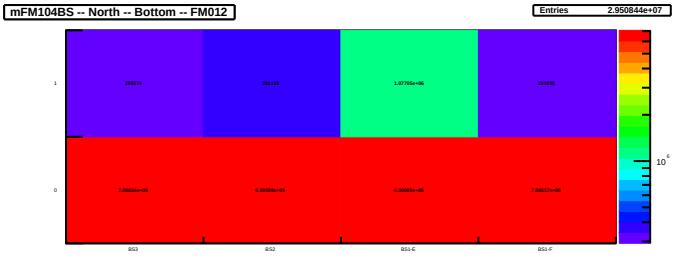
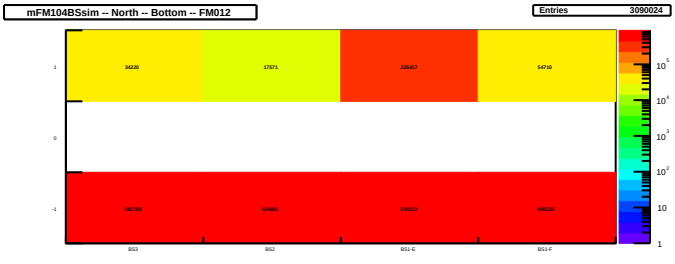

mFM104BS -- North -- Bottom -- FM012
Entries 2.950844e+07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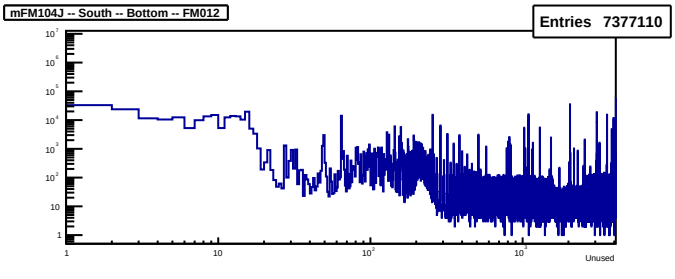
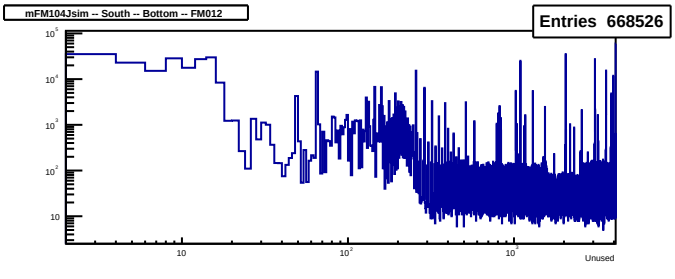
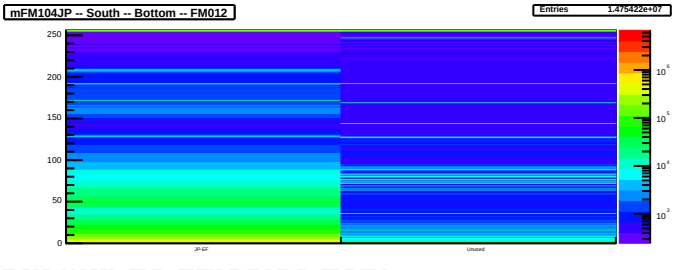
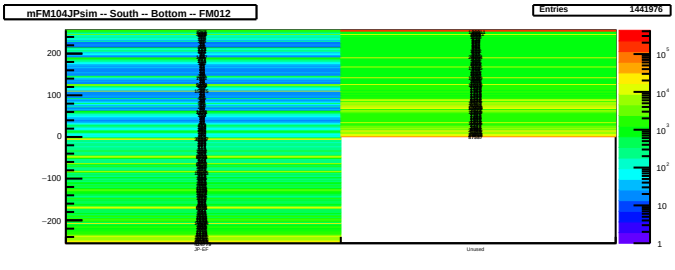
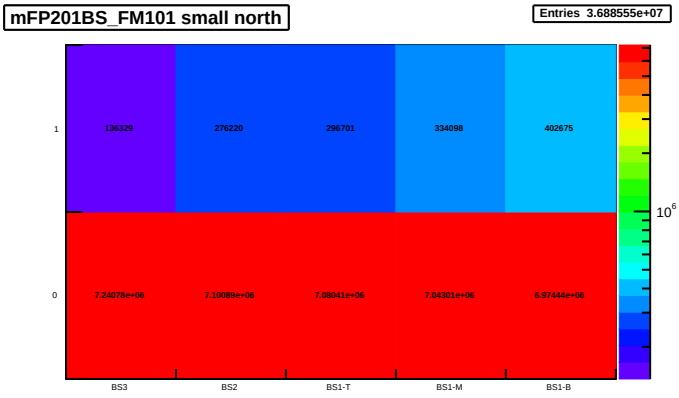
Entries 3090024

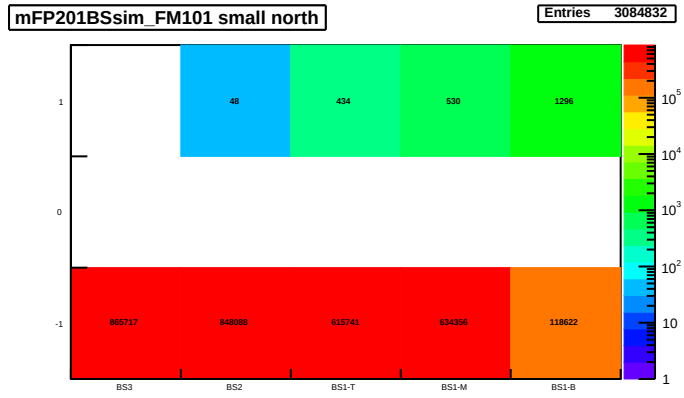

mFM104J -- South -- Bottom -- FM012
Entries 7377110
Unused

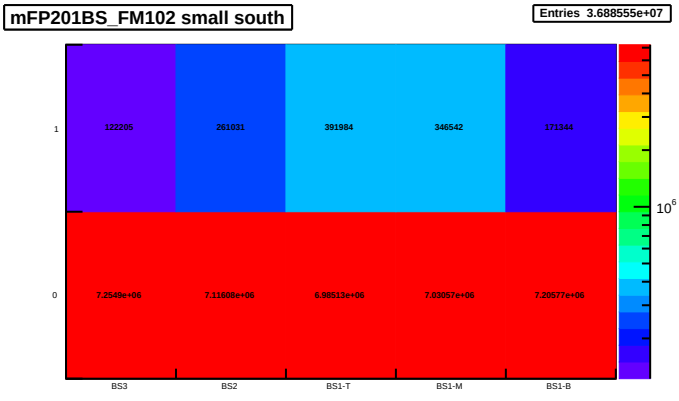

mFM104Jsim -- South -- Bottom -- FM012
Entries 668526
Unused

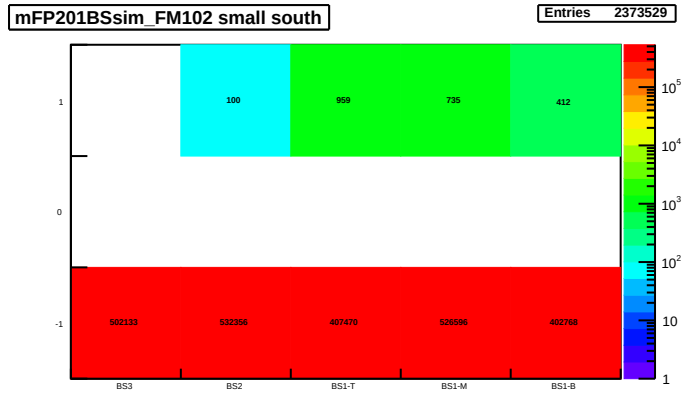

mFM104JP -- South -- Bottom -- FM012
Entries 1.475422e+07

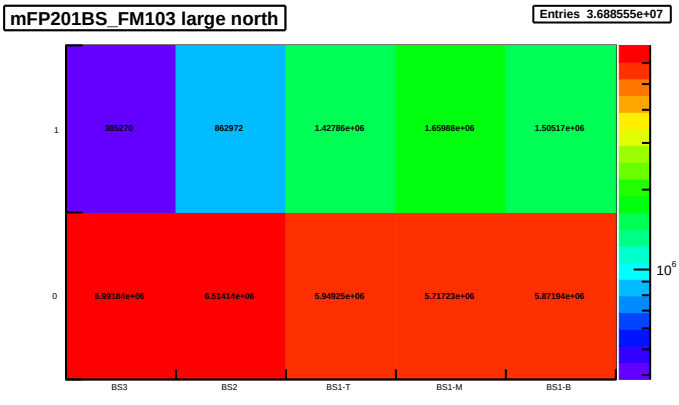

mFM104JPsim -- South -- Bottom -- FM012
Entries 1441976

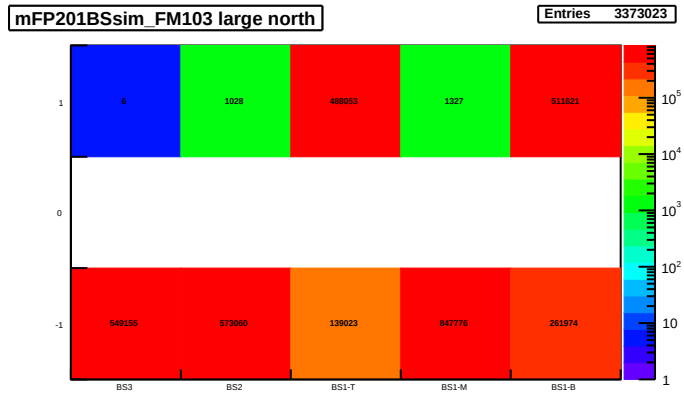

mFP201BS_FM101 small north
Entries 3.688555e+07
136329
276220
296701
334098
402675
7.24078e+06
7.10089e+06
7.08041e+06
7.04301e+06
6.97444e+06
1
0
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

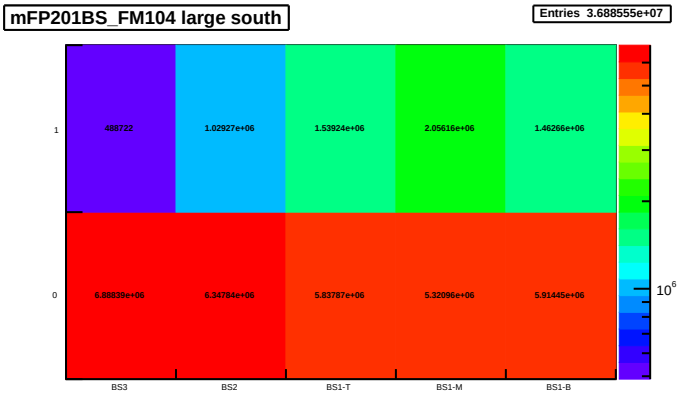

mFP201BSsim_FM101 small north
Entries 3084832
48
434
530
1296
865717
848088
615741
634356
118622
1
0
-1
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

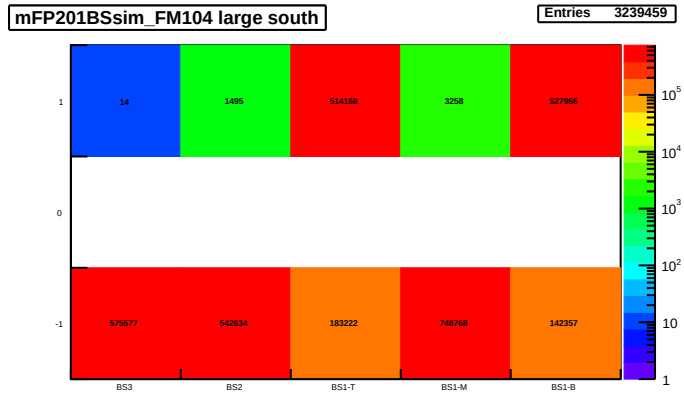

mFP201BS_FM102 small south
Entries 3.688555e+07
122205
261031
391984
346542
171344
7.2549e+06
7.11608e+06
6.98513e+06
7.03057e+06
7.20577e+06
1
0
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

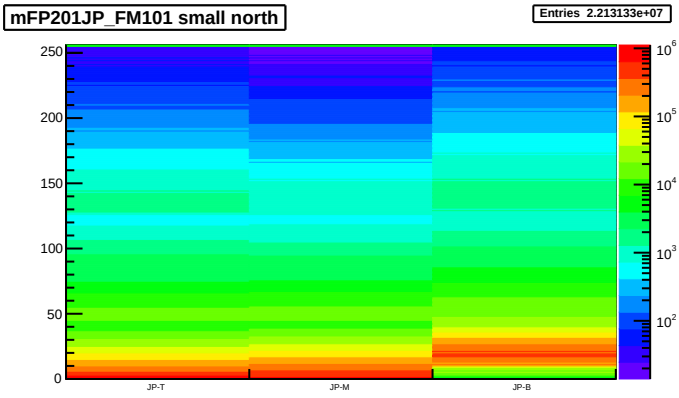

mFP201BSsim_FM102 small south
Entries 2373529
100
959
735
412
502133
532356
407470
526596
402768
1
0
-1
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

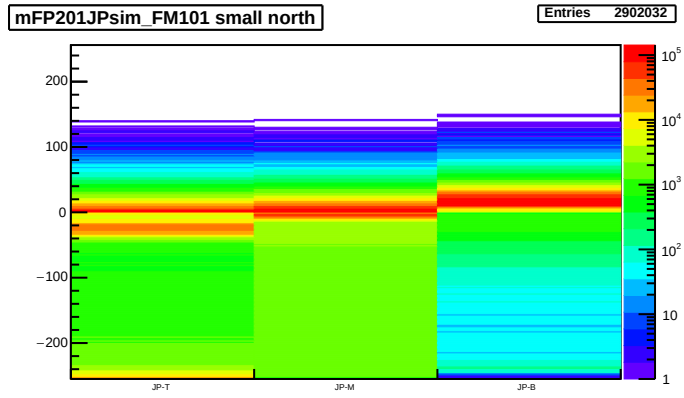

mFP201BS_FM103 large north
Entries 3.688555e+07
385270
862972
1.42786e+06
1.65988e+06
1.50517e+06
6.99184e+06
6.51414e+06
5.94925e+06
5.71723e+06
5.87194e+06
1
0
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

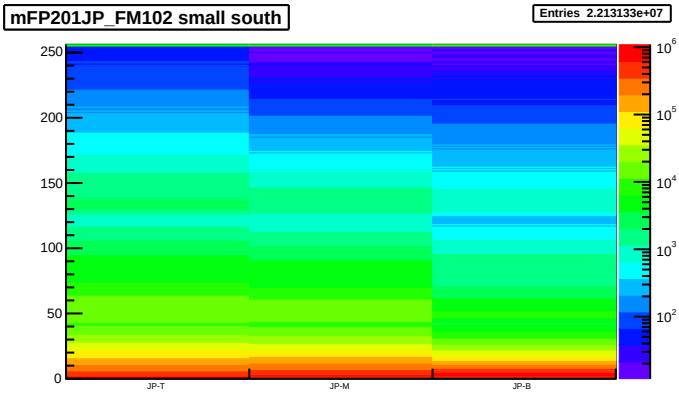

mFP201BSsim_FM103 large north
Entries 3373023
6
1028
488053
1327
511621
549155
573060
139023
847776
261974
1
0
-1
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

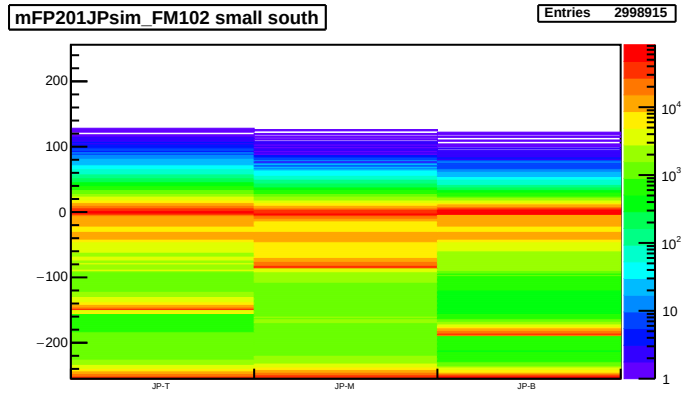

mFP201BS_FM104 large south
Entries 3.688555e+07
488722
1.02927e+06
1.53924e+06
2.05616e+06
1.46266e+06
6.88839e+06
6.34784e+06
5.83787e+06
5.32096e+06
5.91445e+06
1
0
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

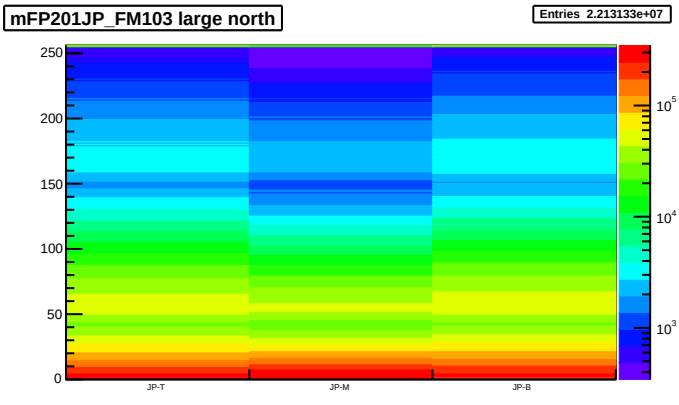

mFP201BSsim_FM104 large south
Entries 3239459
14
1495
514168
3258
527966
575577
542634
183222
748768
142357
1
0
-1
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

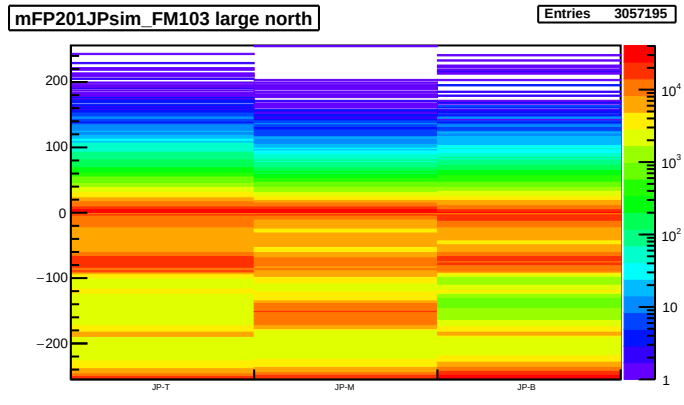

mFP201JP_FM101 small north
Entries 2.213133e+07
JP-T
JP-M
JP-B

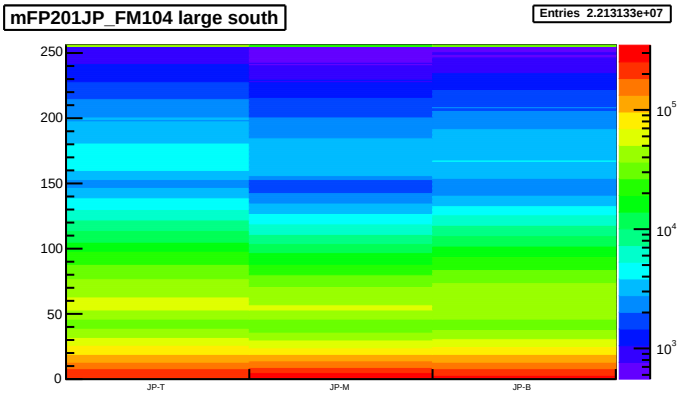

mFP201JPsim_FM101 small north
Entries 2902032
JP-T
JP-M
JP-B

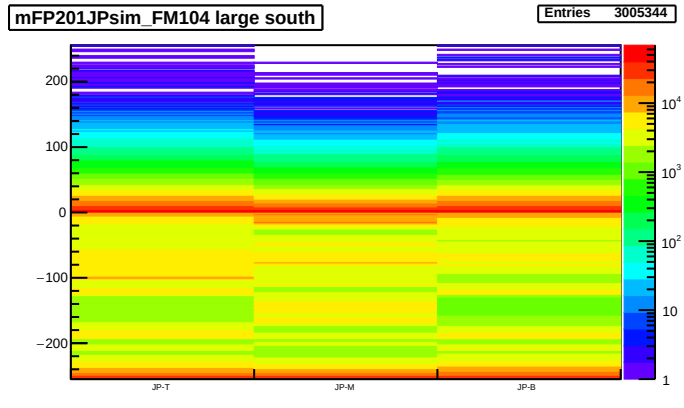

mFP201JP_FM102 small south
Entries 2.213133e+07
JP-T
JP-M
JP-B

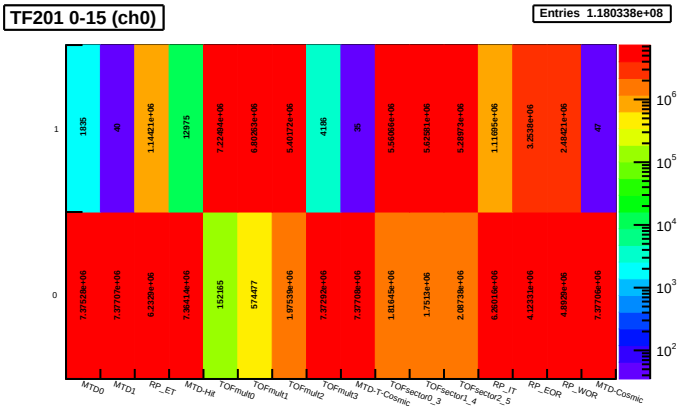

mFP201JPsim_FM102 small south
Entries 2998915
JP-T
JP-M
JP-B

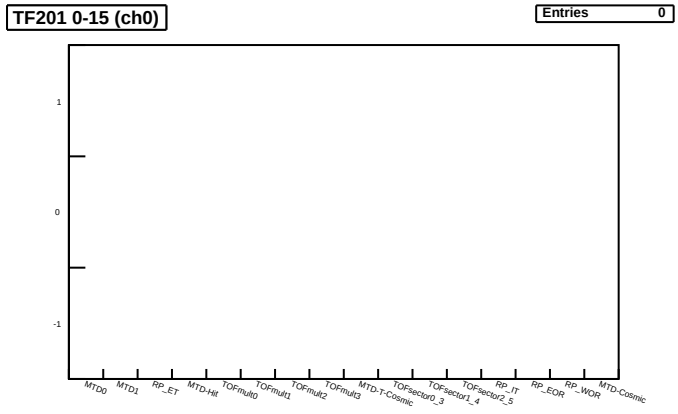

mFP201JP_FM103 large north
Entries 2.213133e+07
JP-T
JP-M
JP-B

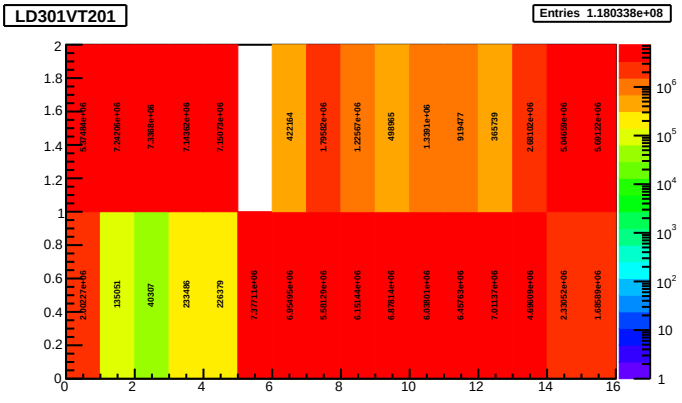

mFP201JPsim_FM103 large north
Entries 3057195
JP-T
JP-M
JP-B

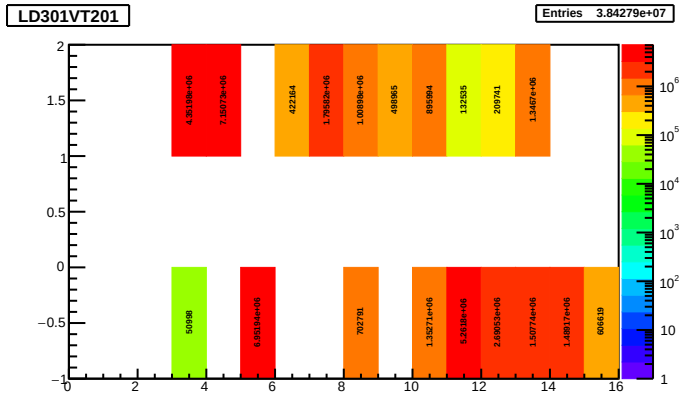

mFP201JP_FM104 large south
Entries 2.213133e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 3005344
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.180338e+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


LD301VT201
Entries 1.180338e+08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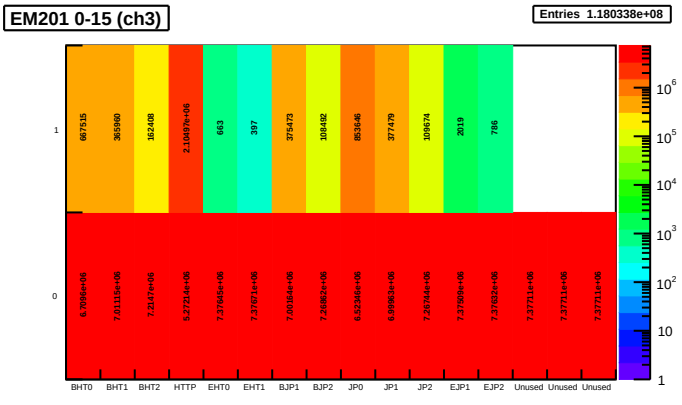
Entries 3.84279e+07


EM201 0-15 (ch3)
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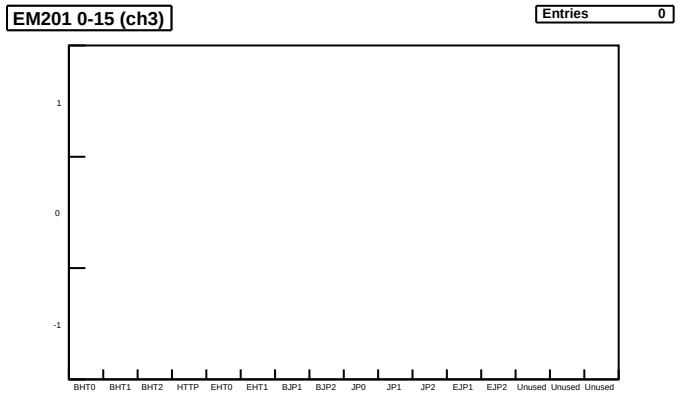
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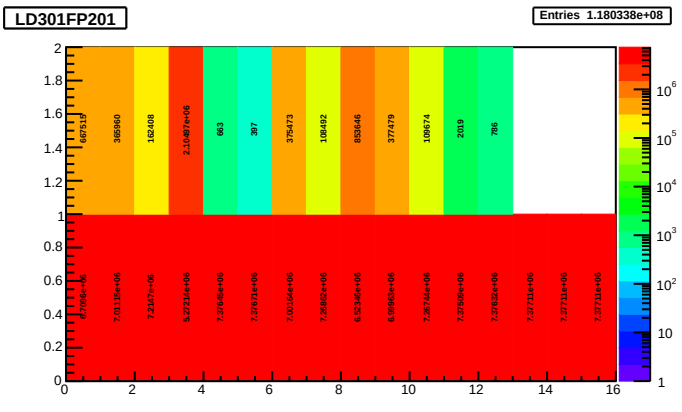
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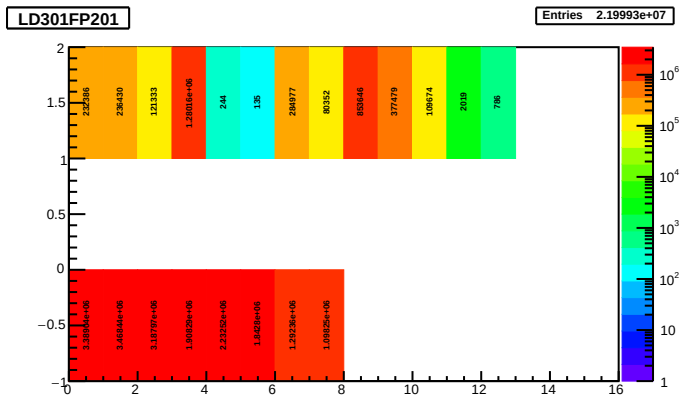
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