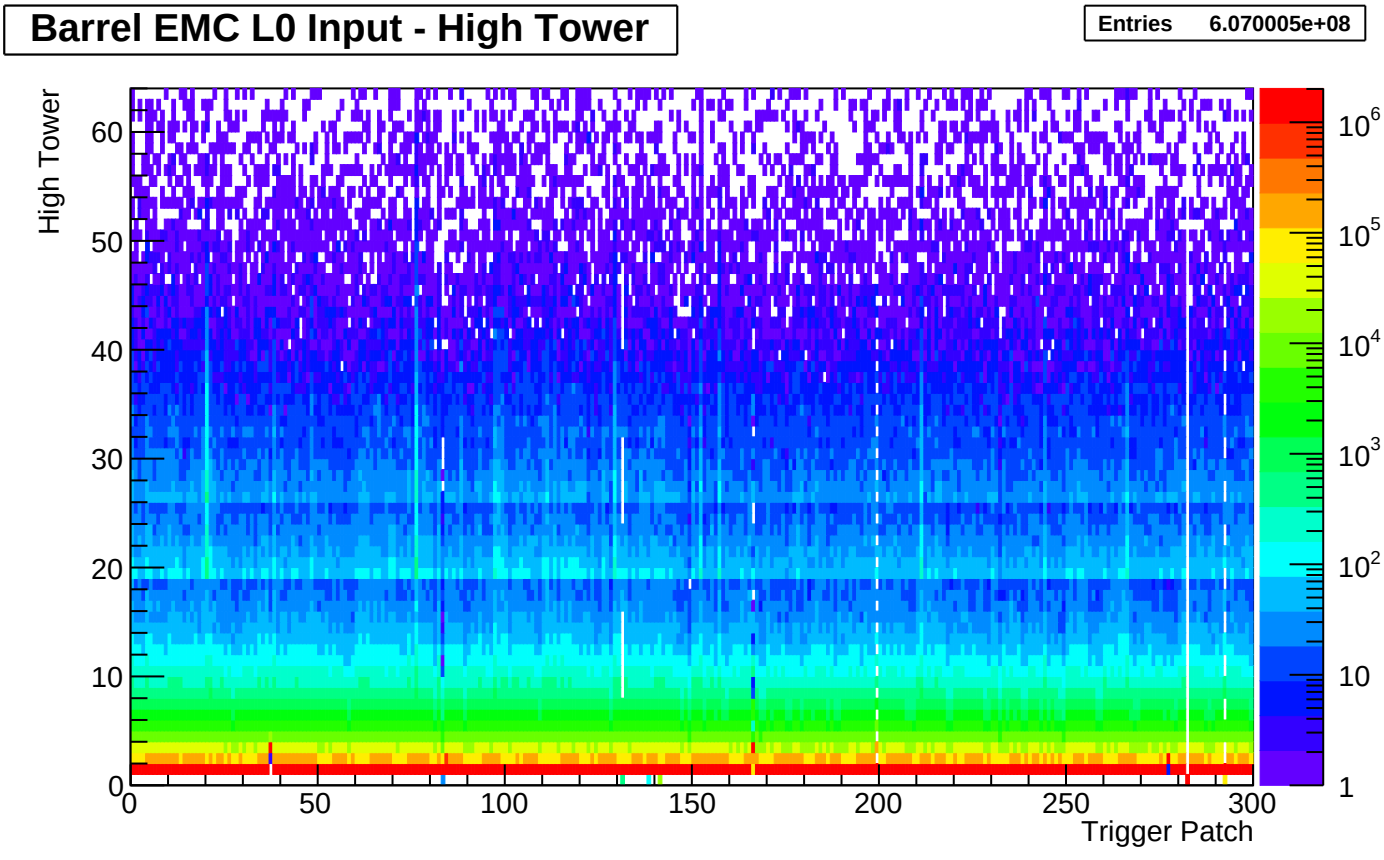
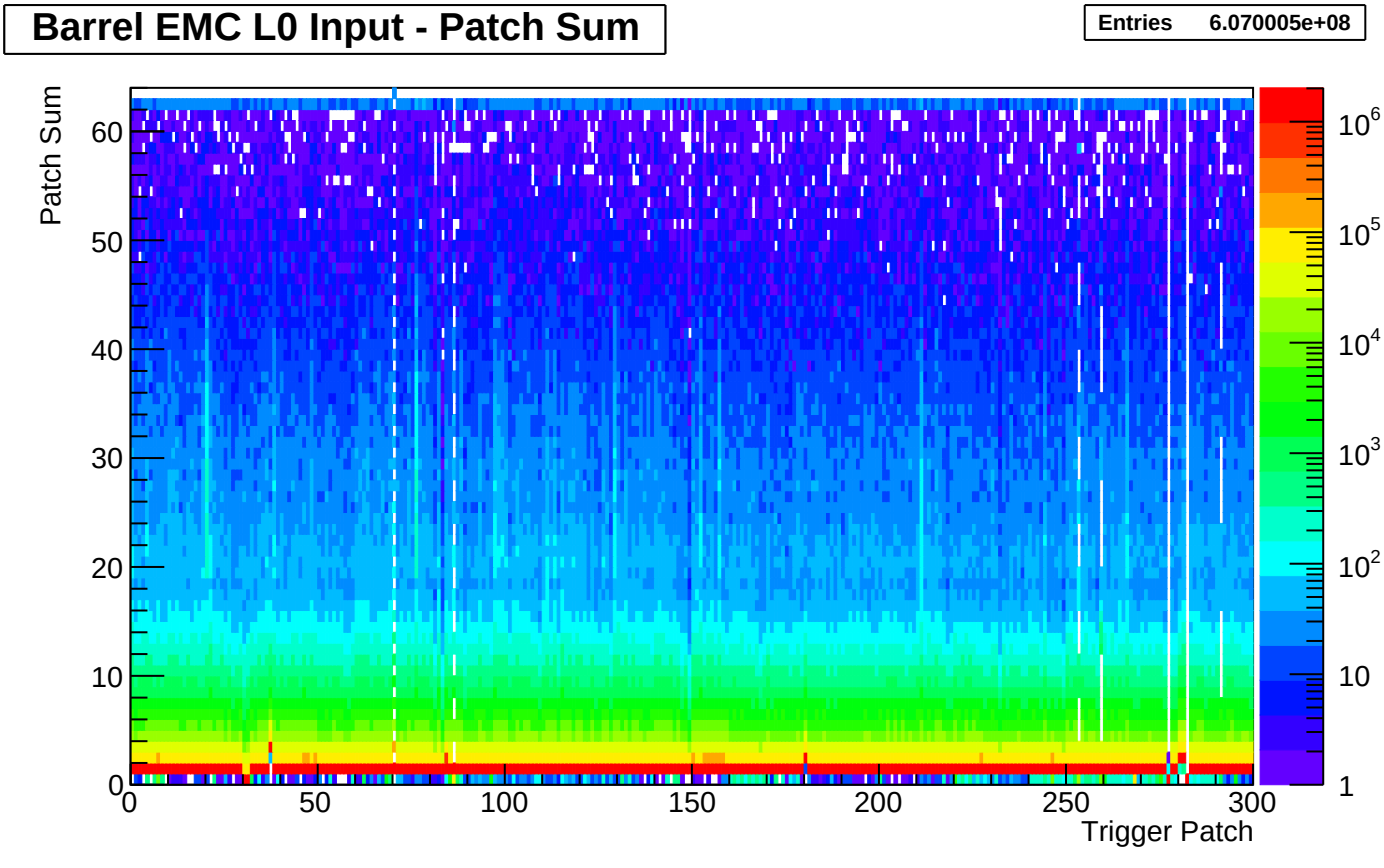
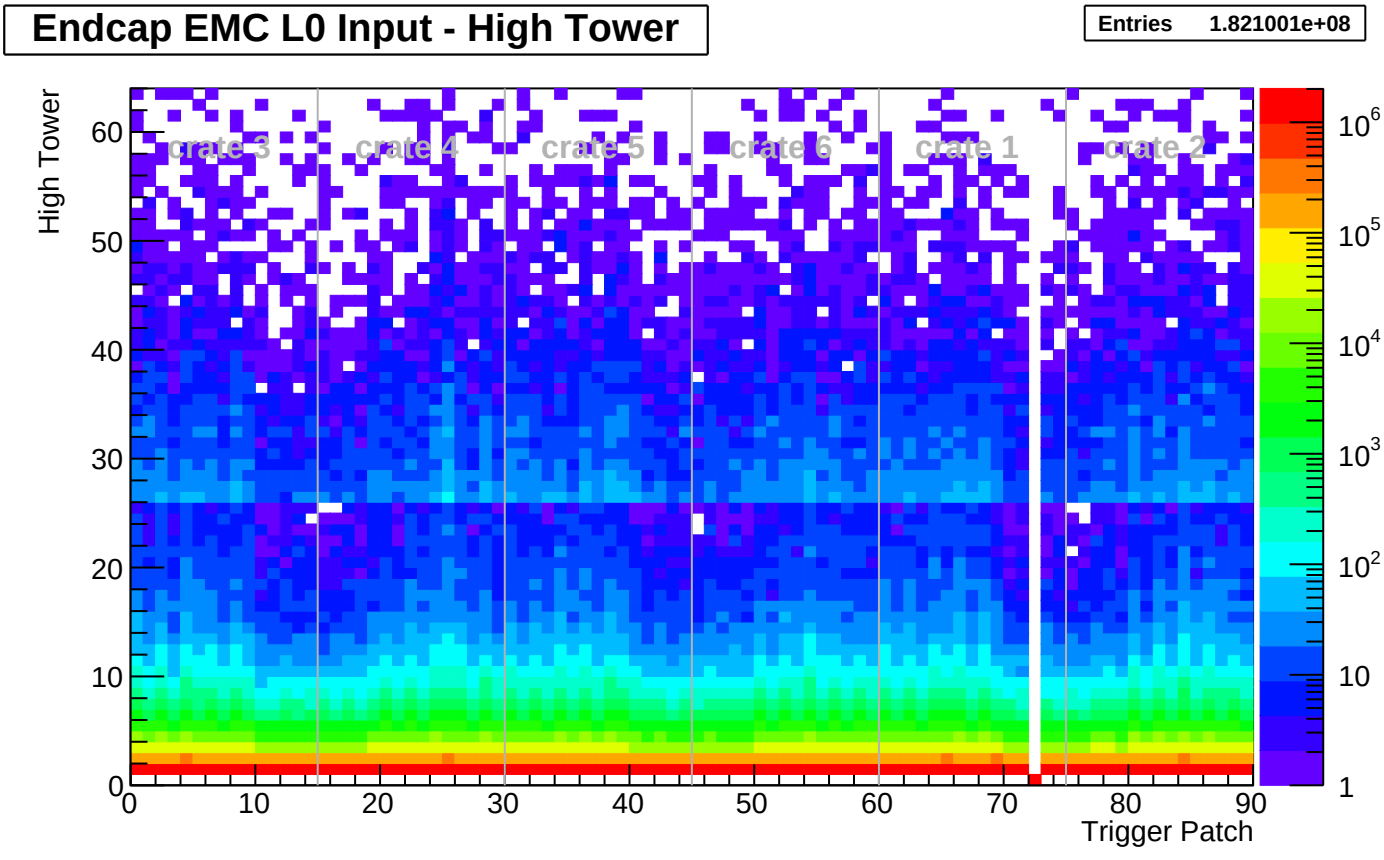
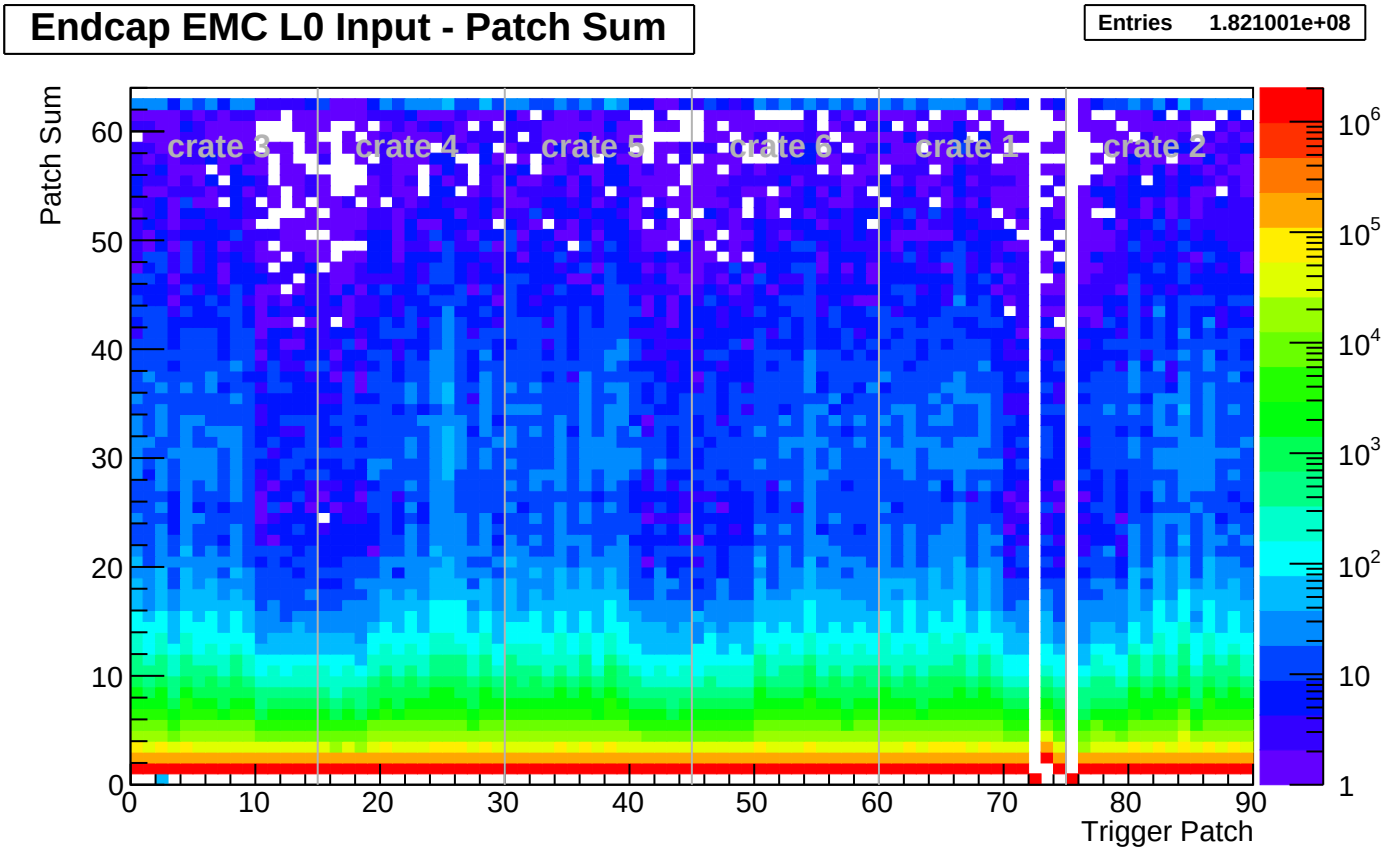
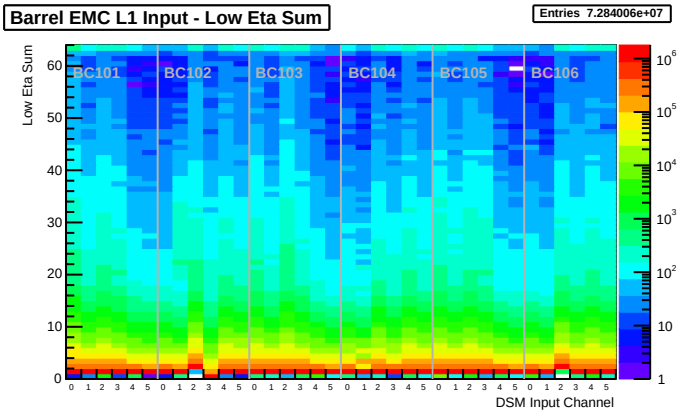
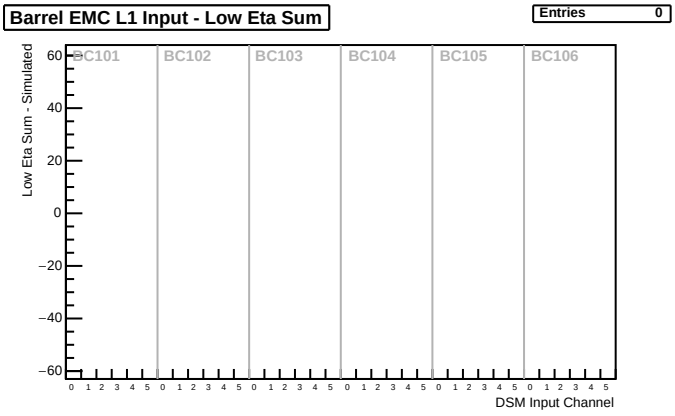

Barrel EMC L0 Input - High Tower
Entries 6.070005e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

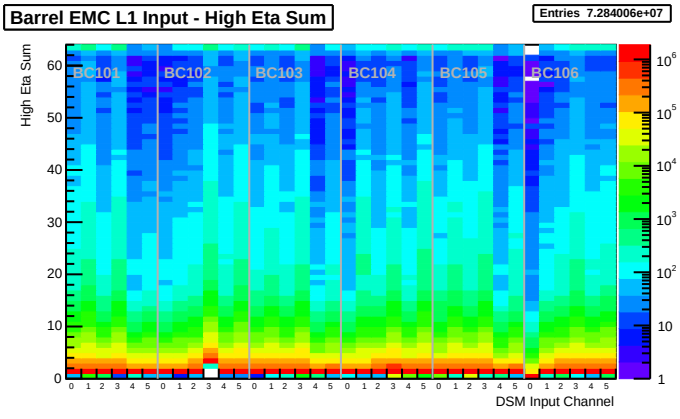

Barrel EMC L0 Input - Patch Sum
Entries 6.070005e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

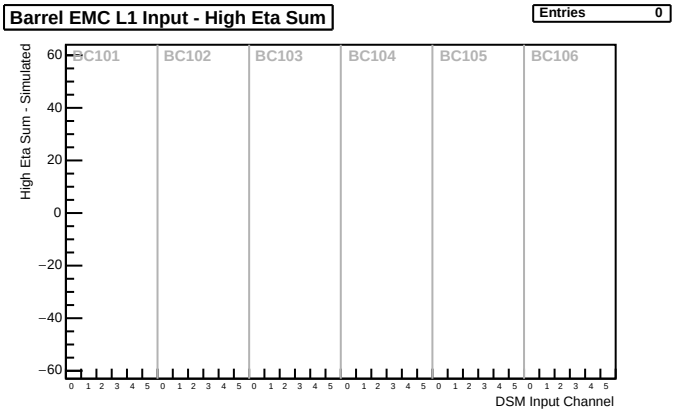

Endcap EMC L0 Input - High Tower
Entries 1.821001e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

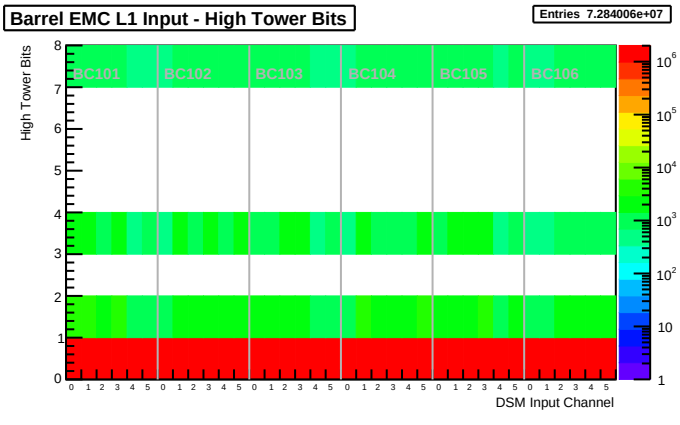

Endcap EMC L0 Input - Patch Sum
Entries 1.821001e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

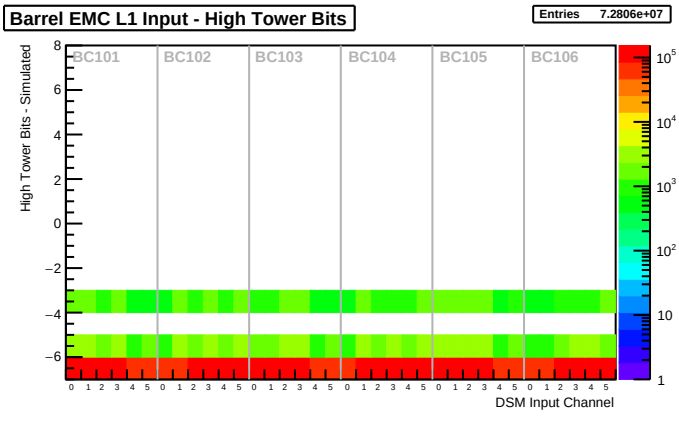

Barrel EMC L1 Input - Low Eta Sum
Entries 7.284006e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

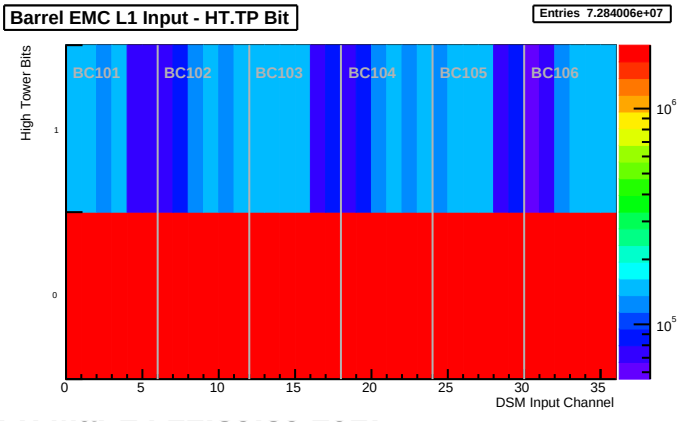

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

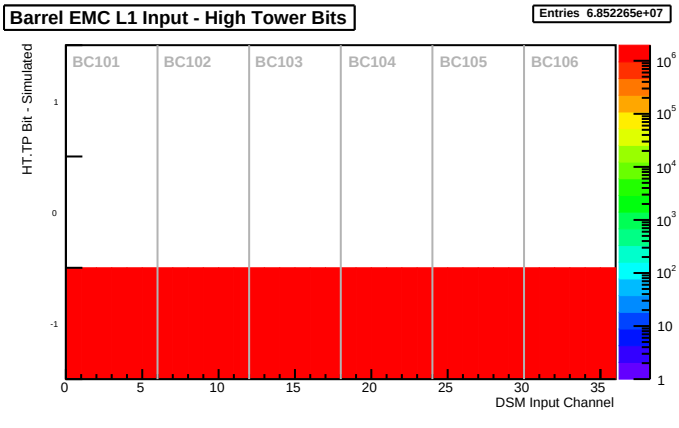

Barrel EMC L1 Input - High Eta Sum
Entries 7.284006e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

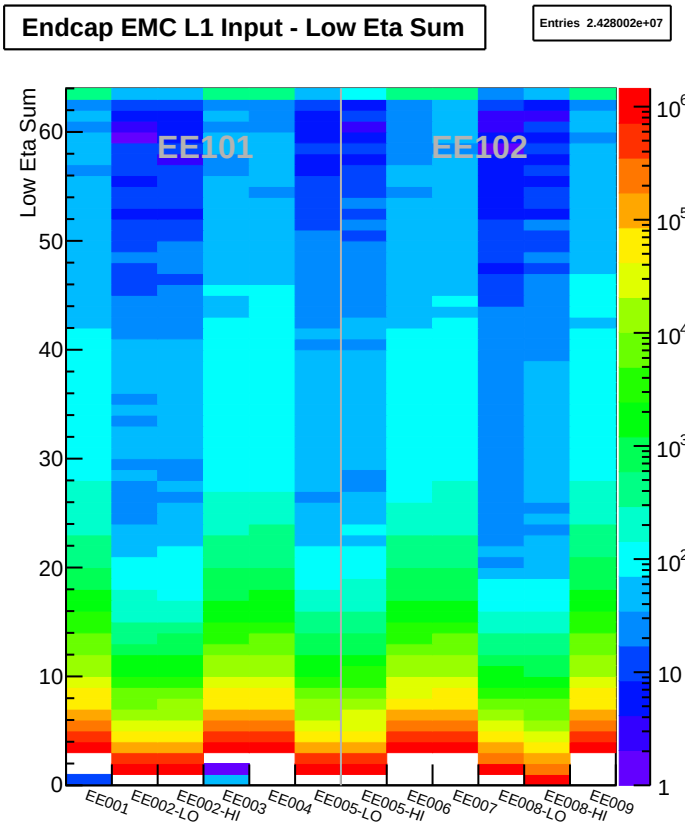

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

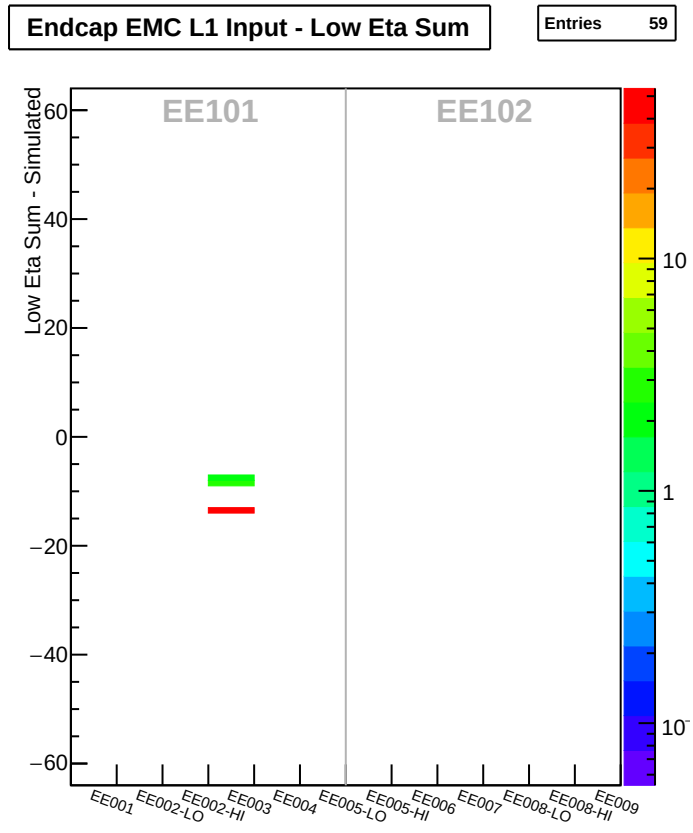

Barrel EMC L1 Input - High Tower Bits
Entries 7.284006e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

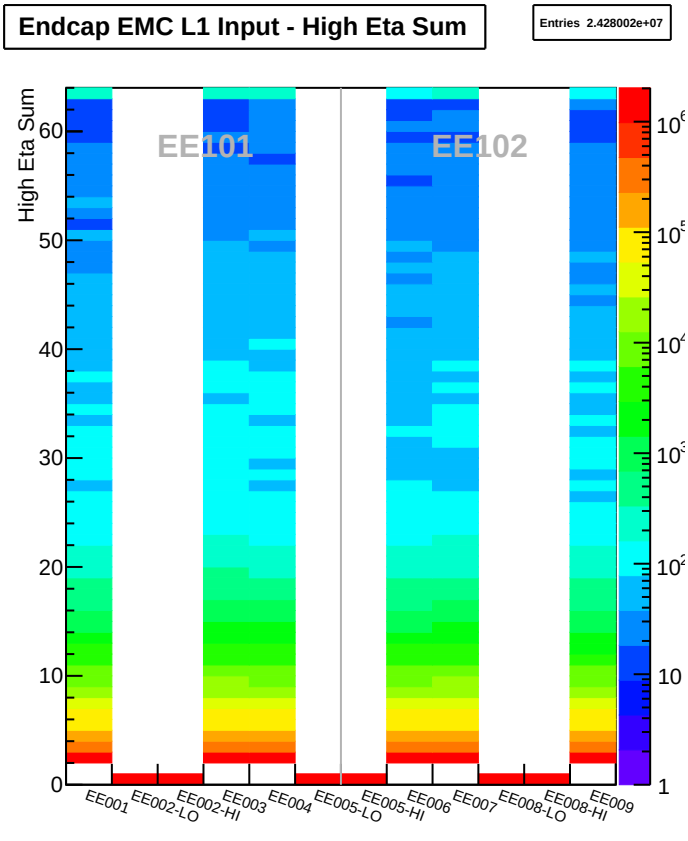

Barrel EMC L1 Input - High Tower Bits
Entries 7.2806e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

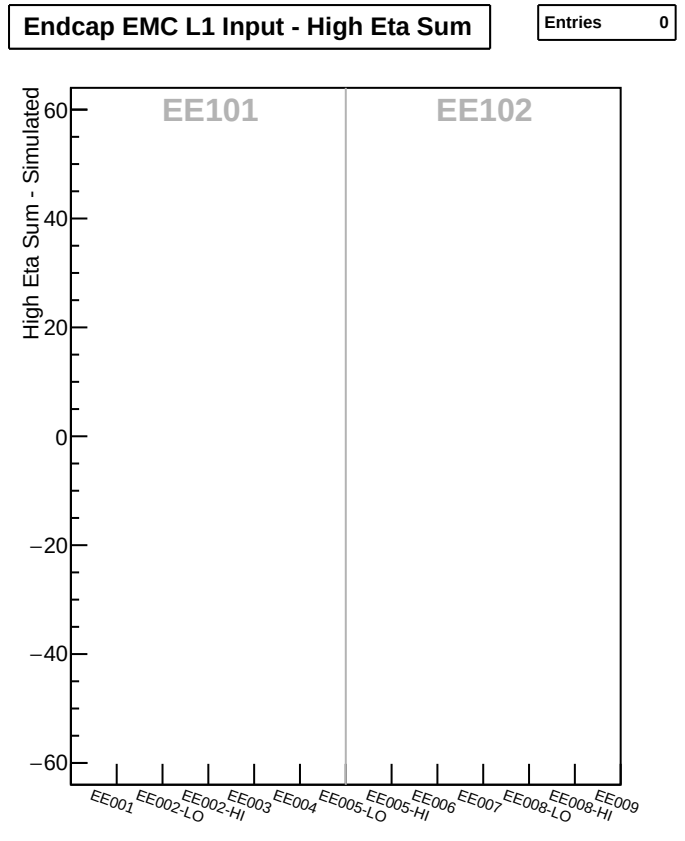

Barrel EMC L1 Input - HT.TP Bit
Entries 7.284006e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

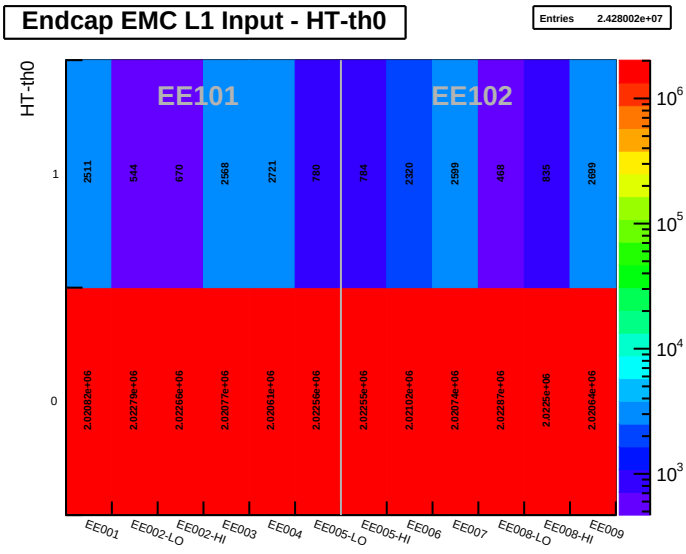

Barrel EMC L1 Input - High Tower Bits
Entries 6.852265e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

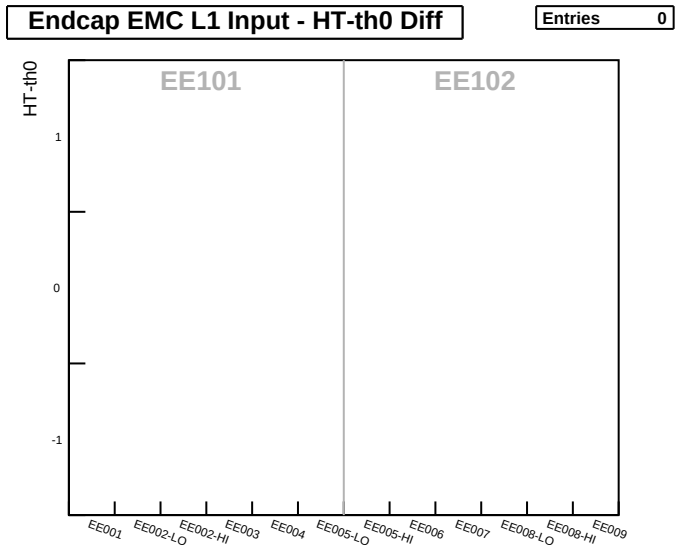

Endcap EMC L1 Input - Low Eta Sum
Entries 2.428002e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

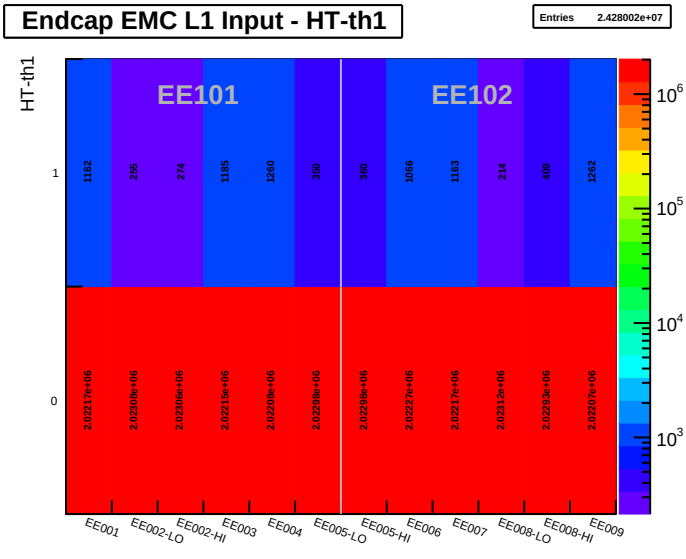

Endcap EMC L1 Input - Low Eta Sum
Entries 59
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

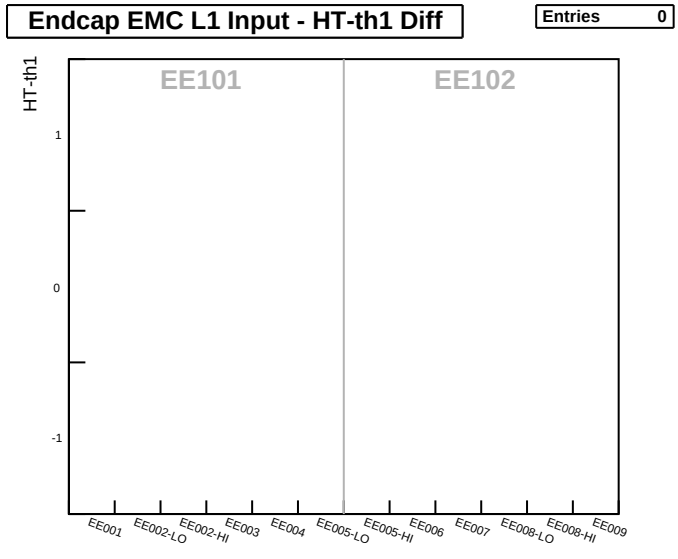

Endcap EMC L1 Input - High Eta Sum
Entries 2.428002e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

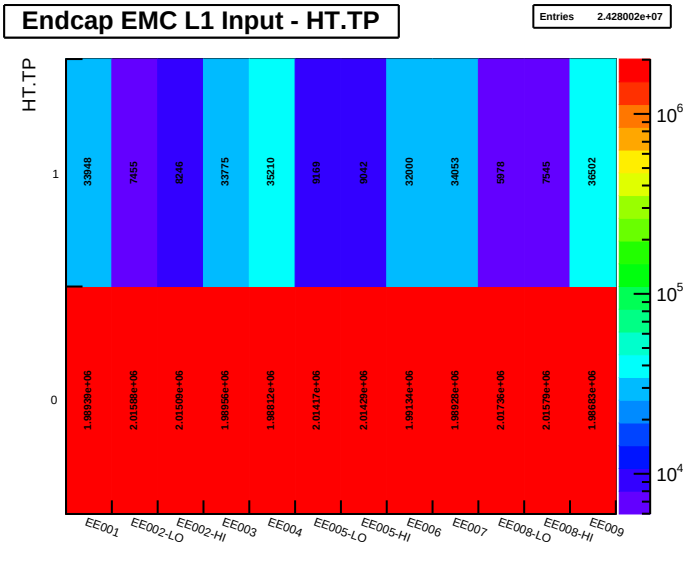

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

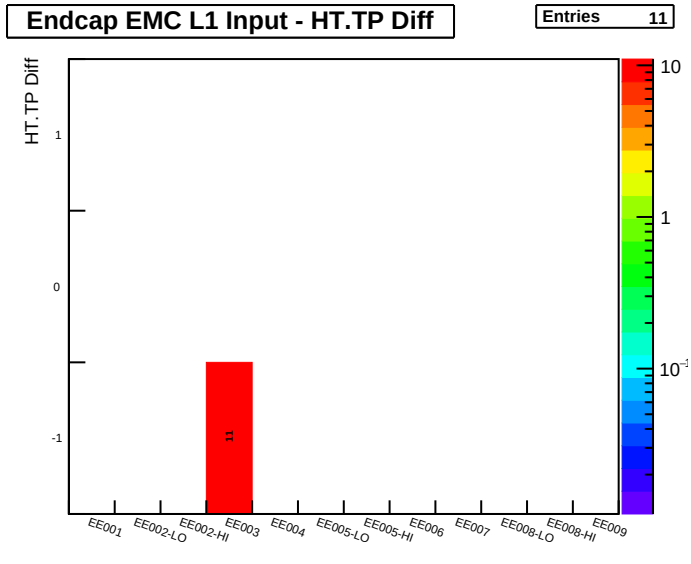

Endcap EMC L1 Input - HT-th0
Entries 2.428002e+07
HT-th0
EE101
EE102
1
0
2511 544 670 2568 2721 780 784 2320 2599 468 835 2699
2.02082e+06 2.02279e+06 2.02266e+06 2.02077e+06 2.02061e+06 2.02256e+06 2.02255e+06 2.02102e+06 2.02074e+06 2.02287e+06 2.0225e+06 2.02064e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

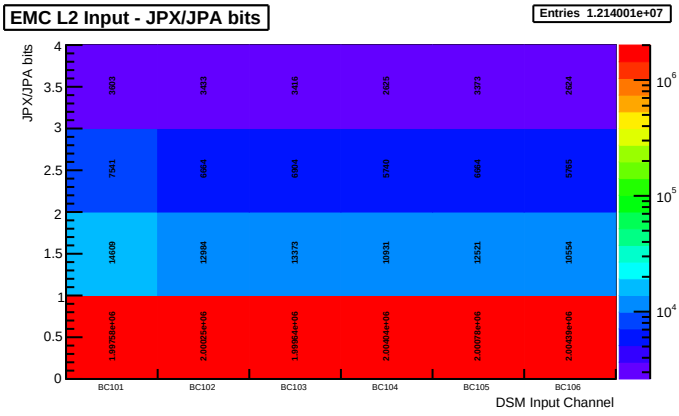

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

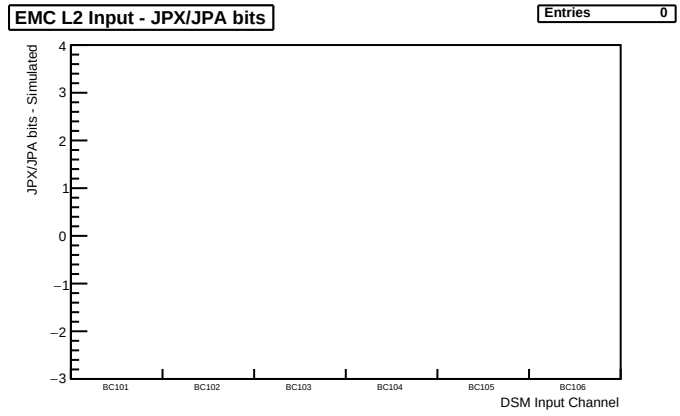

Endcap EMC L1 Input - HT-th1
Entries 2.428002e+07
HT-th1
EE101
EE102
1
0
1162 255 274 1185 1260 350 380 1066 1163 214 409 1262
2.02117e+06 2.02109e+06 2.02306e+06 2.02215e+06 2.02208e+06 2.02298e+06 2.02298e+06 2.02227e+06 2.02217e+06 2.02312e+06 2.02293e+06 2.02207e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

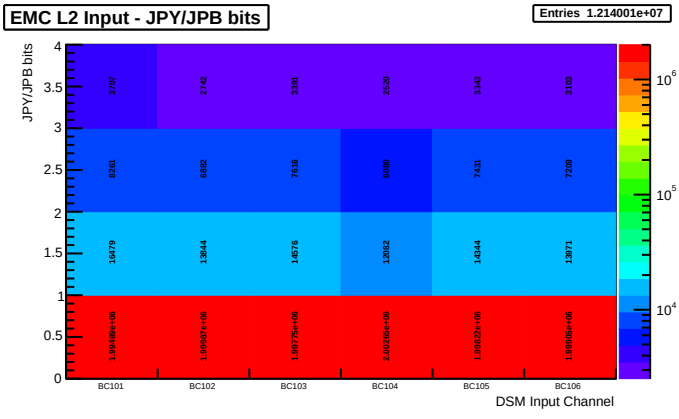

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

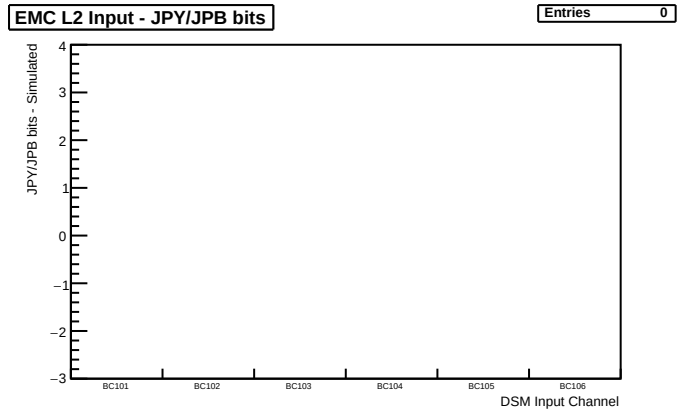

Endcap EMC L1 Input - HT.TP
Entries 2.428002e+07
HT.TP
1
0
33948 7455 8246 33775 35210 9169 9042 32000 34053 5978 7545 36502
1.96939e+06 2.01588e+06 2.01508e+06 1.96956e+06 1.98812e+06 2.01417e+06 2.01429e+06 1.99134e+06 1.98928e+06 2.01736e+06 2.01579e+06 1.98683e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

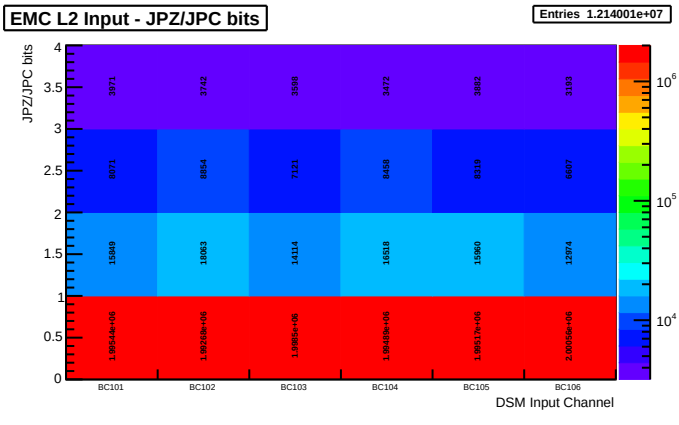

Endcap EMC L1 Input - HT.TP Diff
Entries 11
HT.TP Diff
1
0
-1
11
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

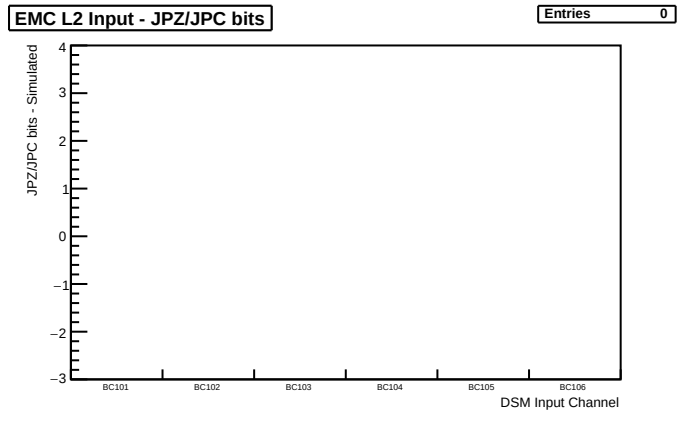

EMC L2 Input - JPX/JPA bits
Entries 1.214001e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

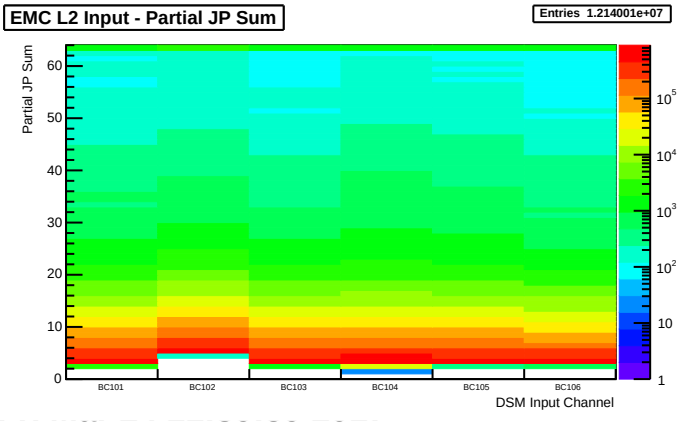

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

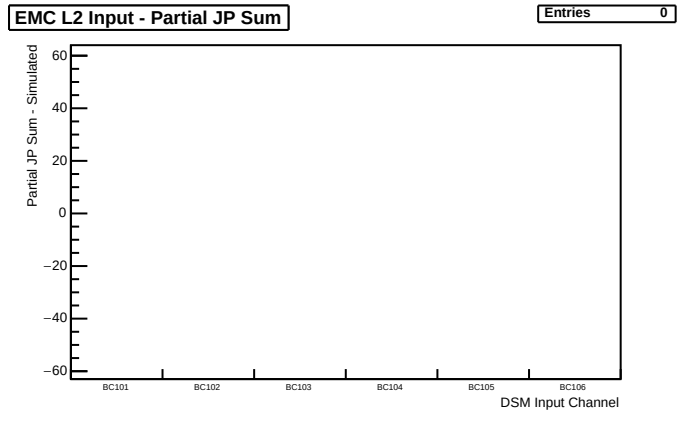

EMC L2 Input - JPY/JPB bits
Entries 1.214001e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

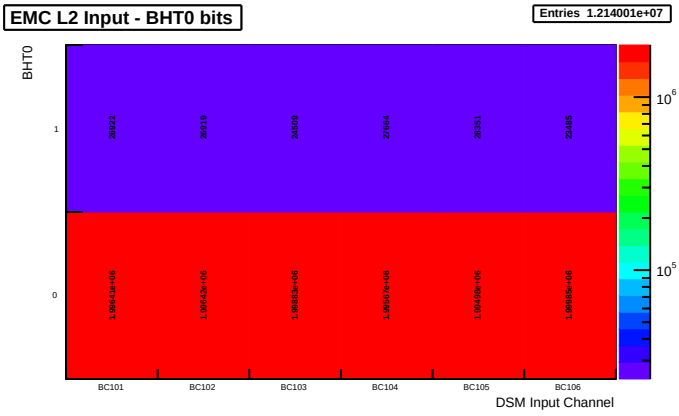

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

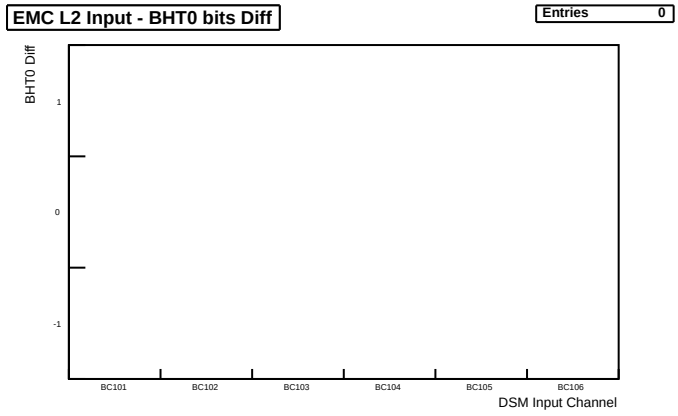

EMC L2 Input - JPZ/JPC bits
Entries 1.214001e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

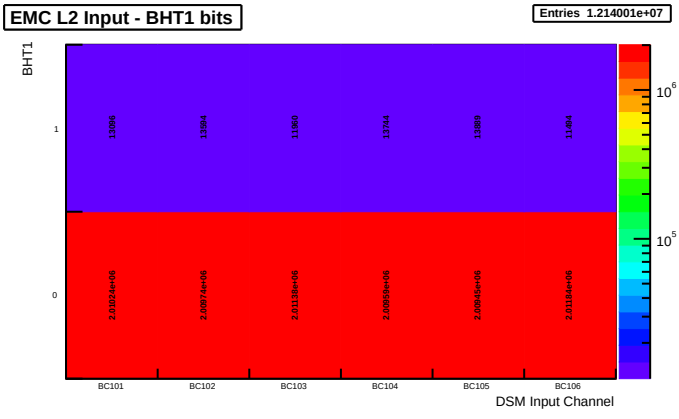

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

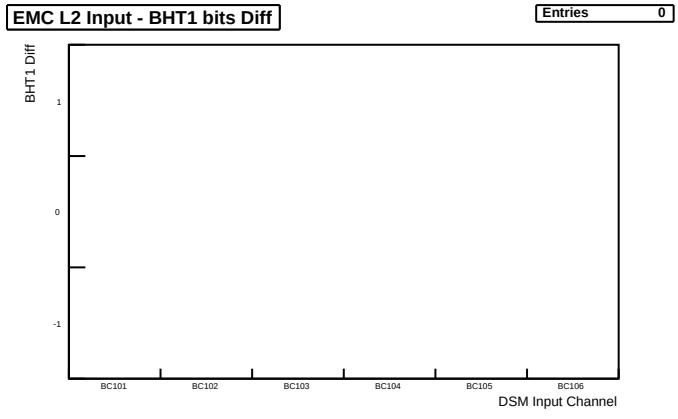

EMC L2 Input - Partial JP Sum
Entries 1.214001e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

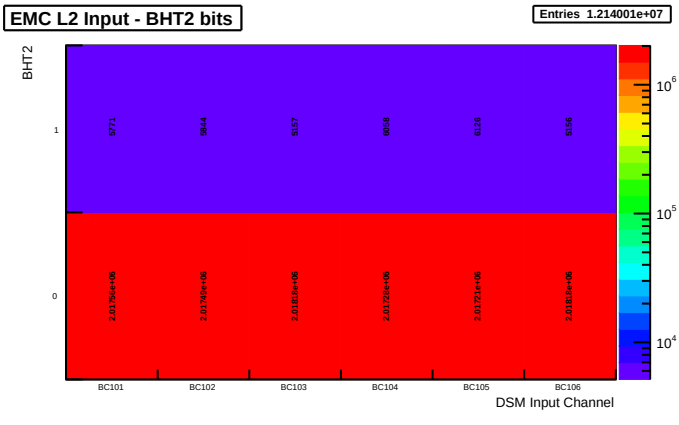

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

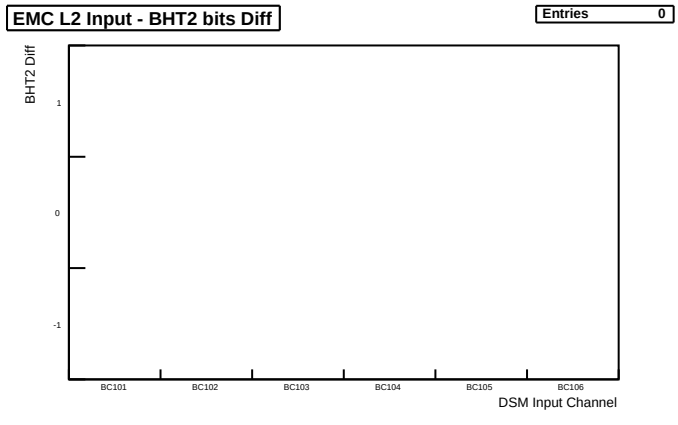

EMC L2 Input - BHT0 bits
Entries 1.214001e+07
BHT0
1
0
26322
26919
24509
27164
28351
23485
1.99541e+06
1.99542e+06
1.99883e+06
1.99567e+06
1.99498e+06
1.99085e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

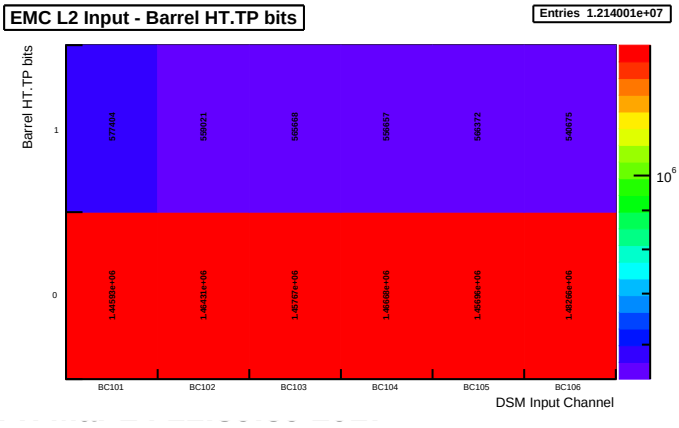

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

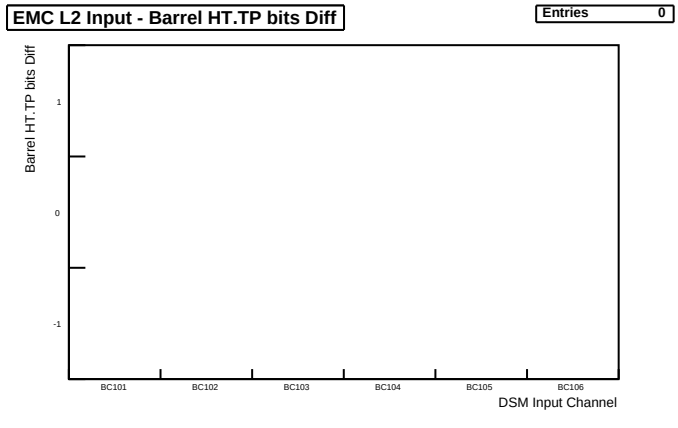

EMC L2 Input - BHT1 bits
Entries 1.214001e+07
BHT1
1
0
13936
13994
11960
13744
13889
11404
2.01024e+06
2.00974e+06
2.01138e+06
2.00959e+06
2.00945e+06
2.01104e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

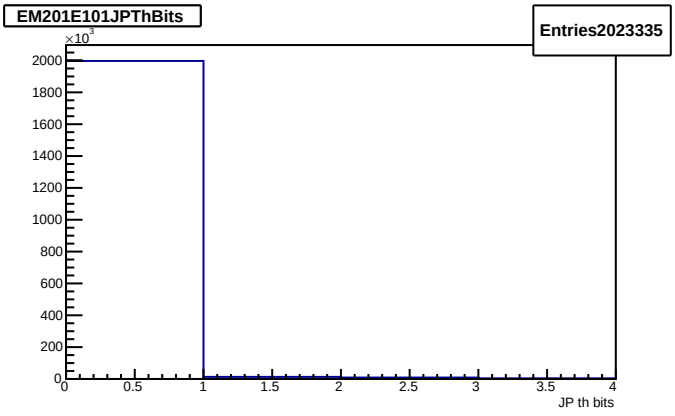

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

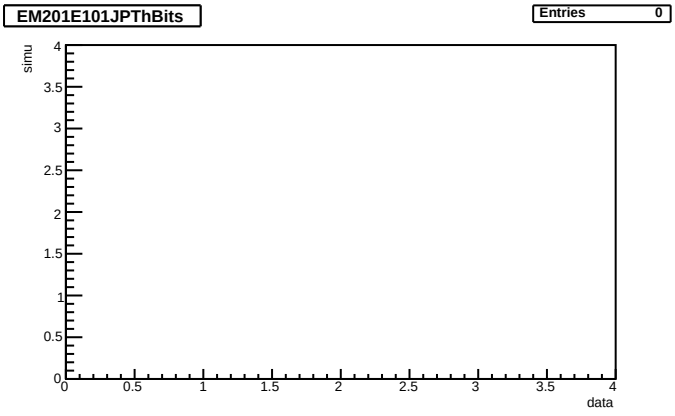

EMC L2 Input - BHT2 bits
Entries 1.214001e+07
BHT2
1
0
5771
5944
5157
6658
6126
5156
2.01756e+06
2.01769e+06
2.01818e+06
2.01728e+06
2.01721e+06
2.01818e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

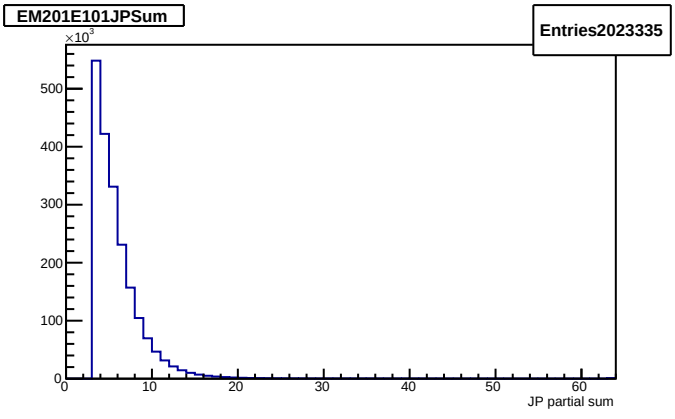

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

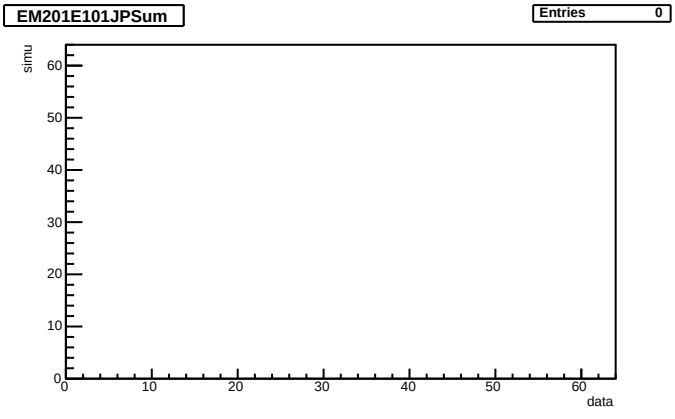

EMC L2 Input - Barrel HT.TP bits
Entries 1.214001e+07
Barrel HT.TP bits
1
0
577404
539021
565668
556457
566372
540675
1.44593e+06
1.46431e+06
1.45707e+06
1.46688e+06
1.45696e+06
1.48266e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

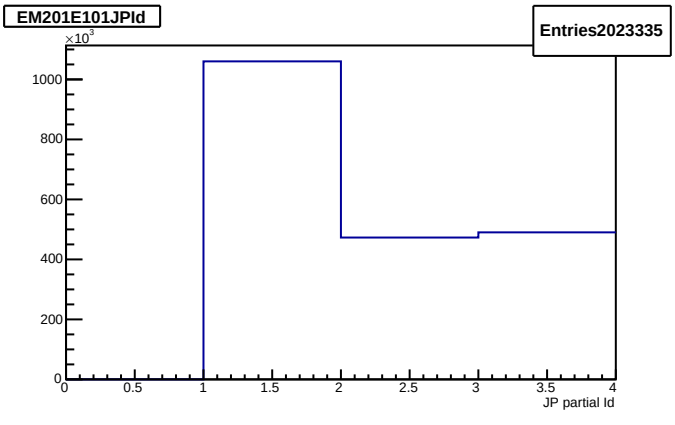

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

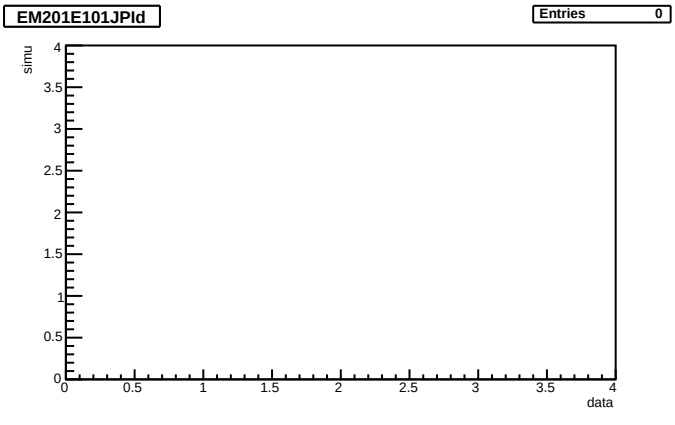

EM201E101JPThBits
Entries2023335
JP th bits

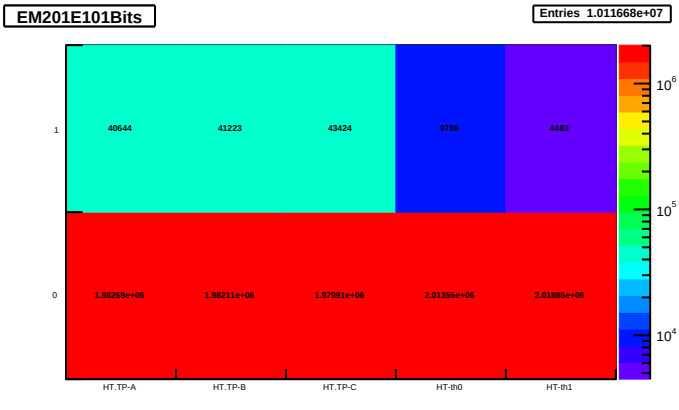

EM201E101JPThBits
Entries 0
simu
data

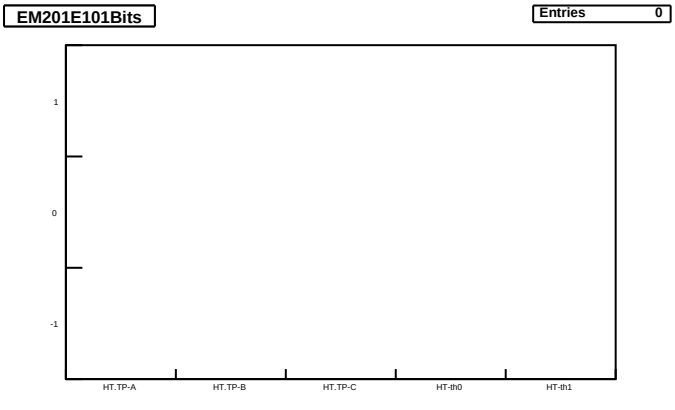

EM201E101JPSum
Entries2023335
JP partial sum

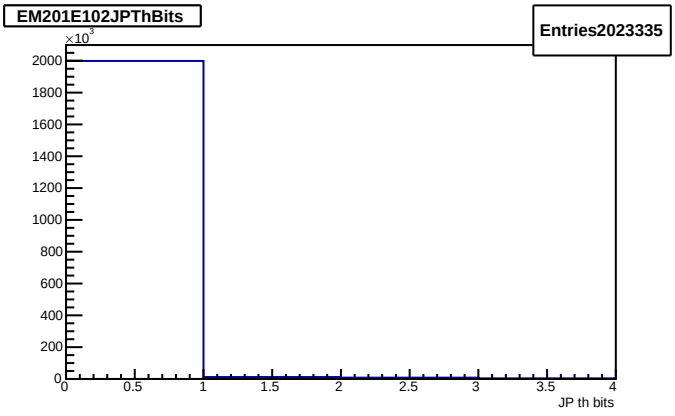

EM201E101JPSum
Entries 0
simu
data

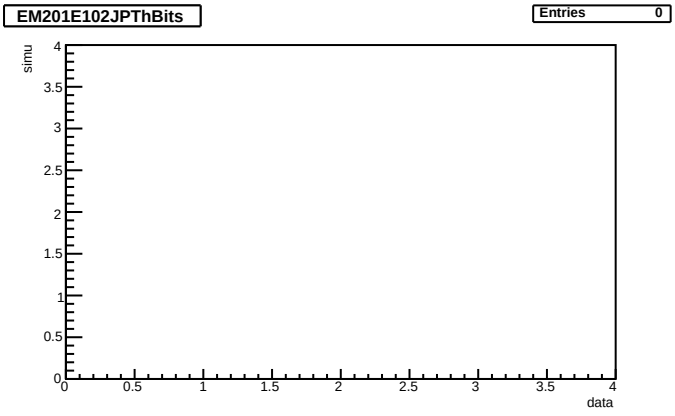

EM201E101JPId
Entries2023335
JP partial Id

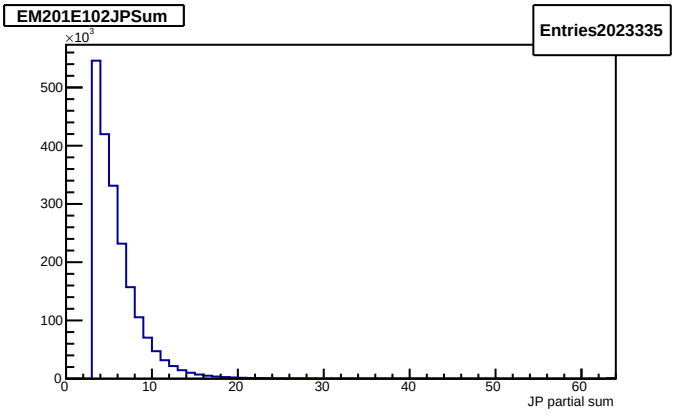

EM201E101JPId
Entries 0
simu
data

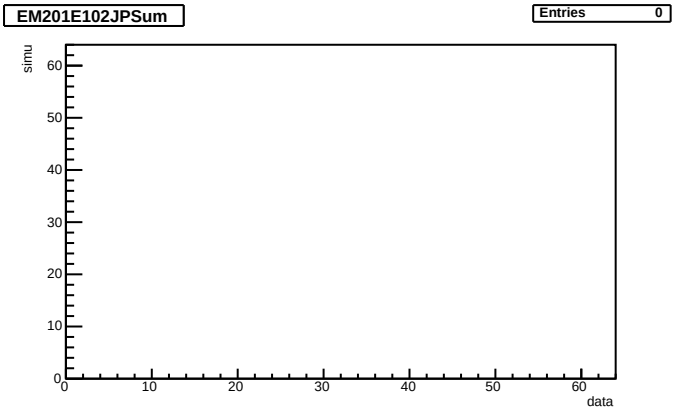

EM201E101Bits
Entries 1.011668e+07
40644
41223
43424
9788
4483
1.98269e+06
1.98211e+06
1.97991e+06
2.01355e+06
2.01885e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

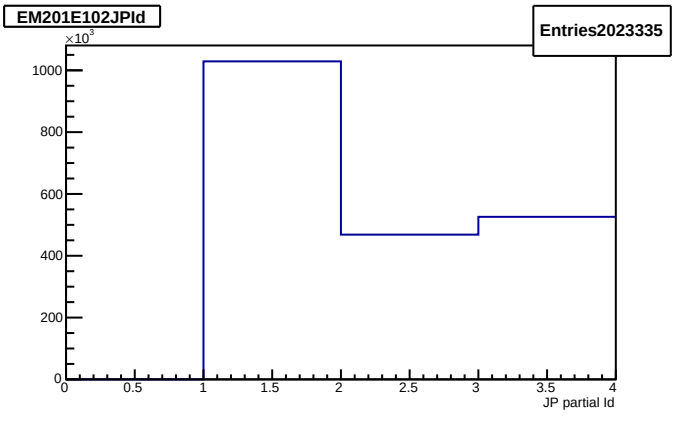

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

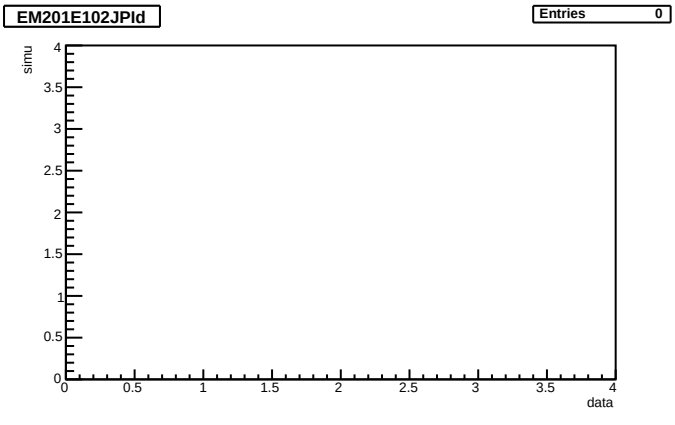

EM201E102JPThBits
Entries2023335
×10^3
JP th bits

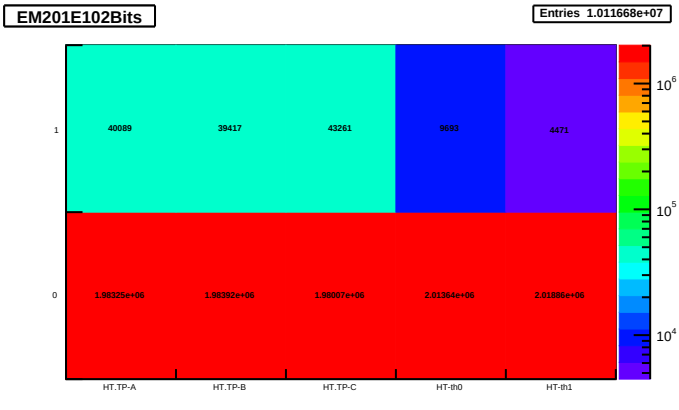

EM201E102JPThBits
Entries 0
simu
data

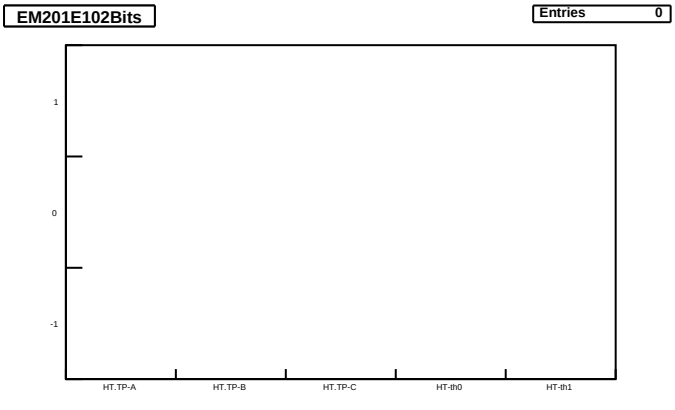

EM201E102JPSum
Entries2023335
×10^3
JP partial sum

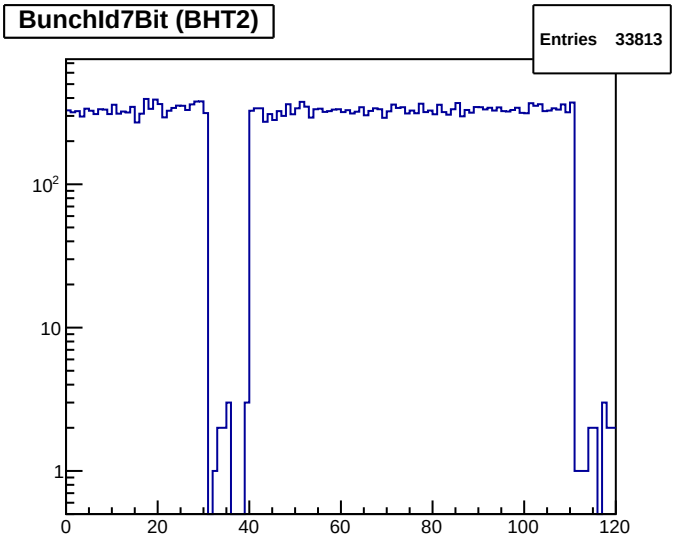

EM201E102JPSum
Entries 0
simu
data

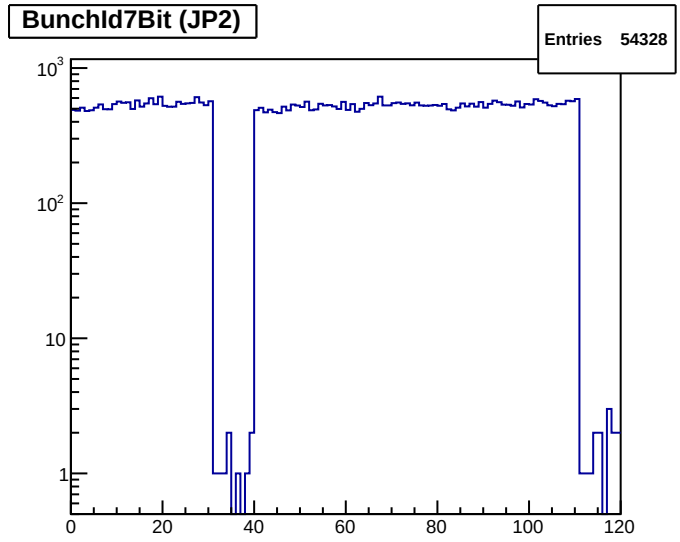

EM201E102JPId
Entries2023335
×10^3
JP partial Id

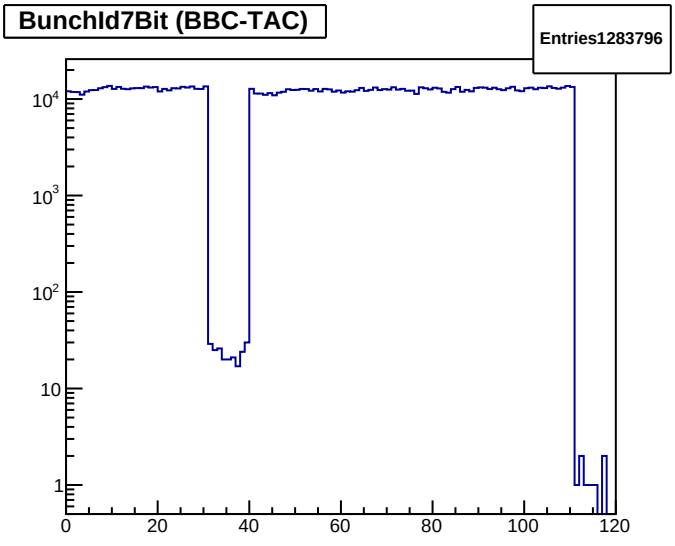

EM201E102JPId
Entries 0
simu
data

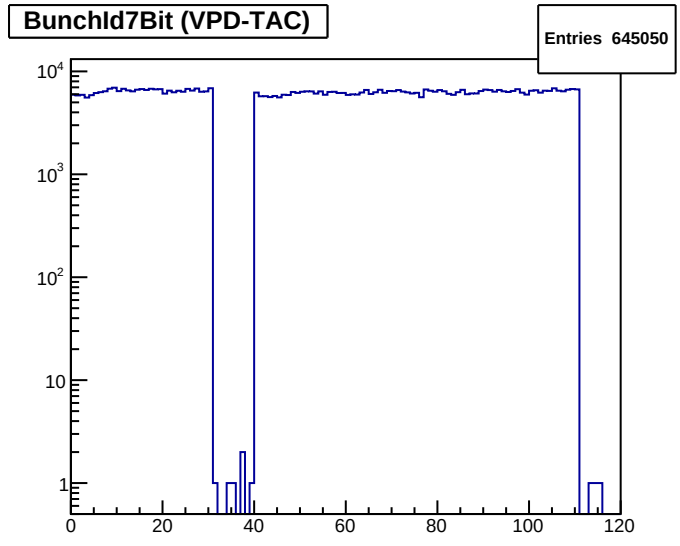

EM201E102Bits
Entries 1.011668e+07
40089
39417
43261
9693
4471
1.98325e+06
1.98392e+06
1.98007e+06
2.01364e+06
2.01886e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

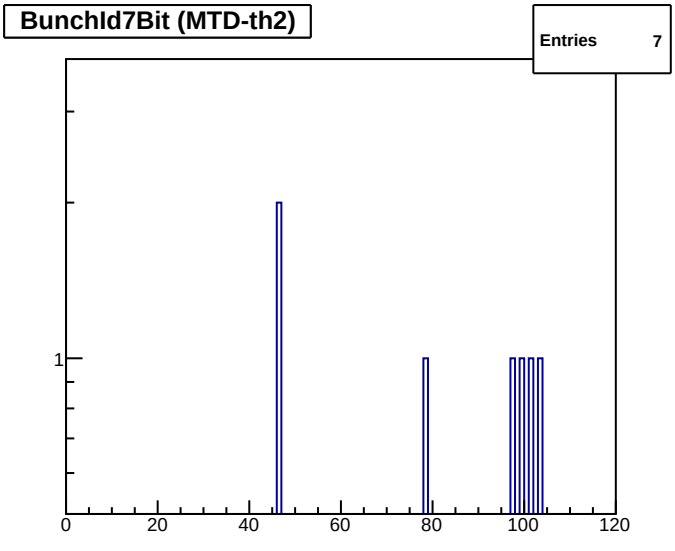

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

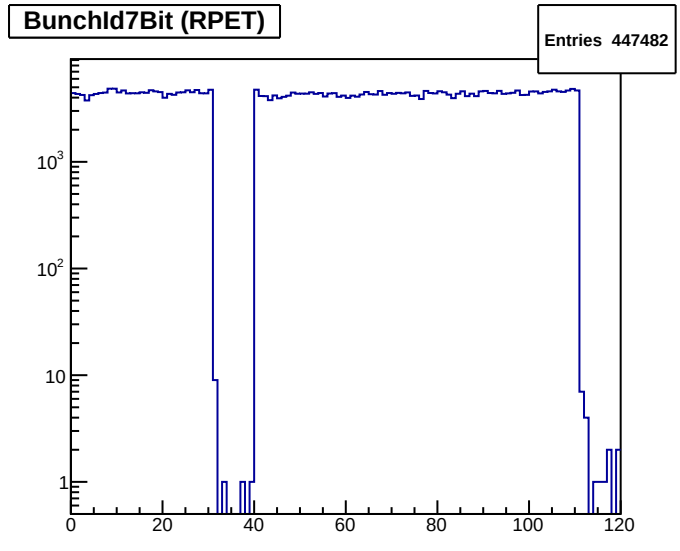

BunchId7Bit (BHT2)
Entries 33813

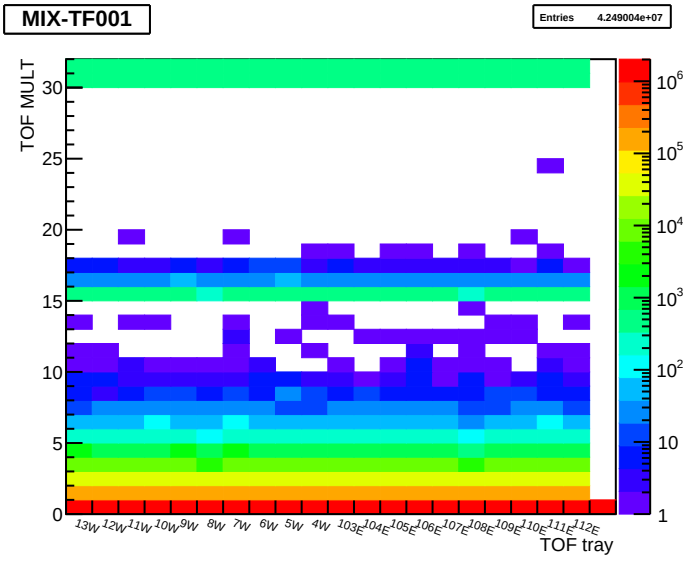

BunchId7Bit (JP2)
Entries 54328

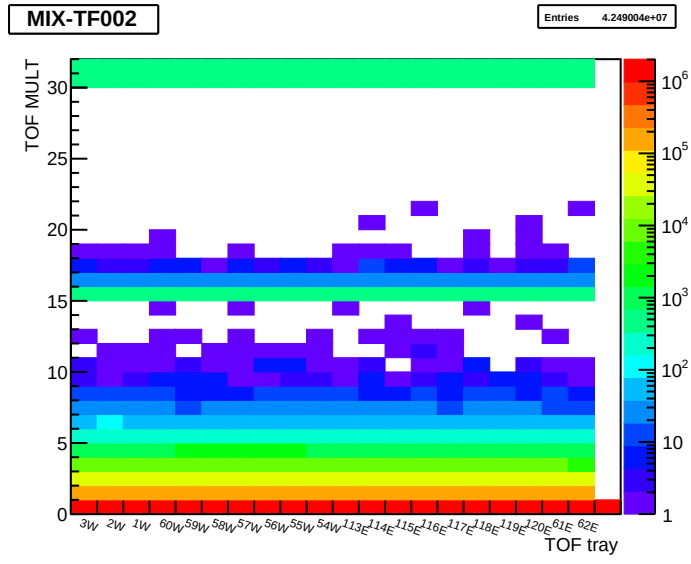

BunchId7Bit (BBC-TAC)
Entries1283796

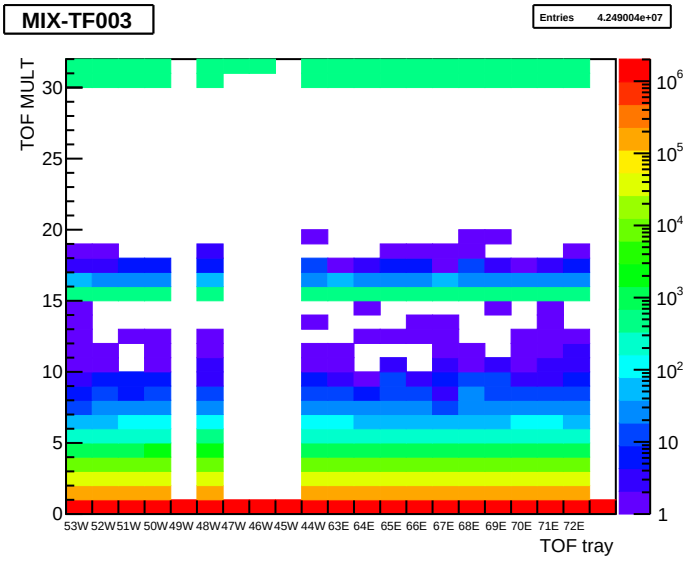

BunchId7Bit (VPD-TAC)
Entries 645050

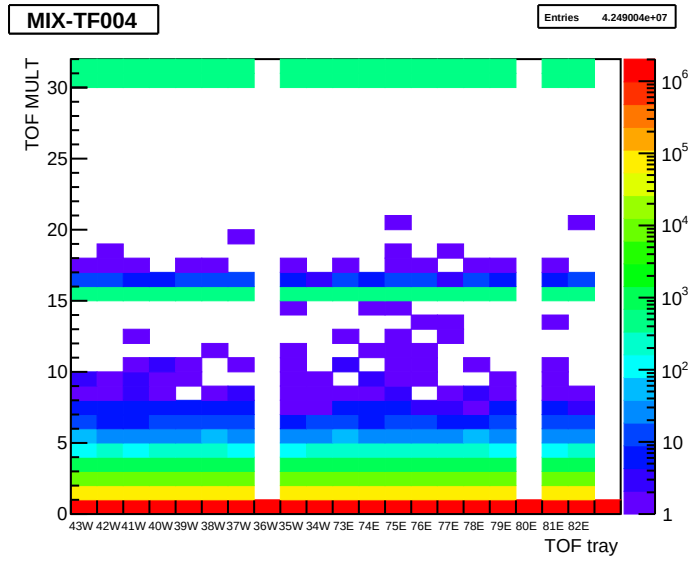

BunchId7Bit (MTD-th2)
Entries 7

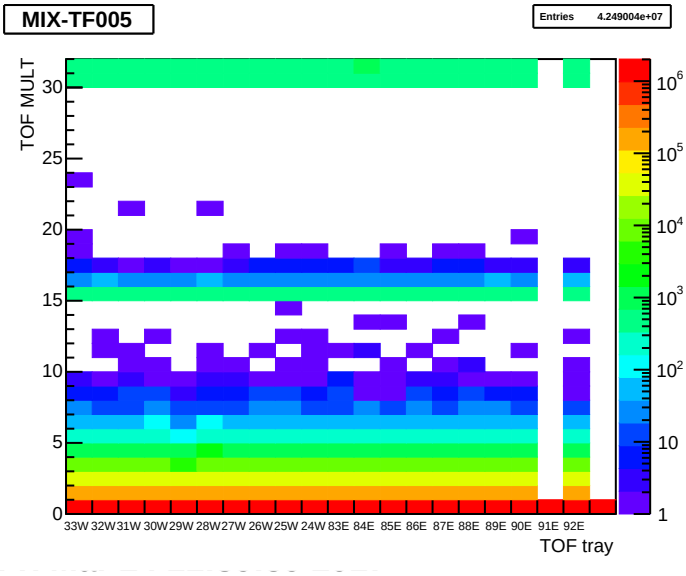

BunchId7Bit (RPET)
Entries 447482

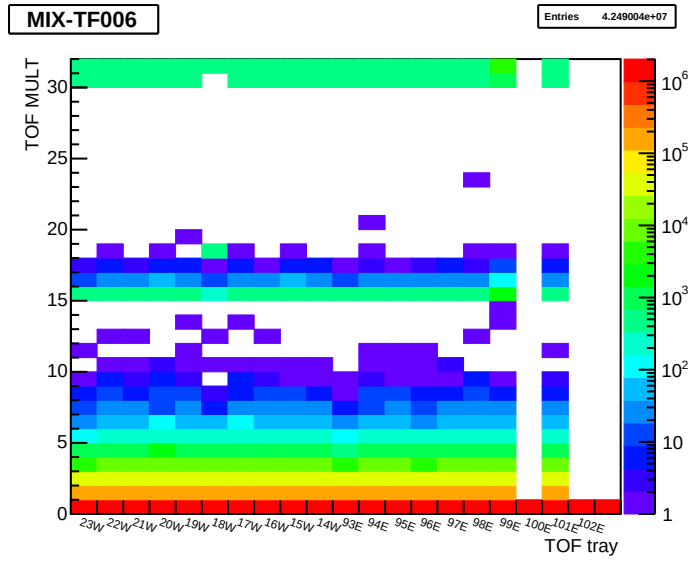

MIX-TF001
Entries 4.249004e+07
TOF MULT
TOF tray

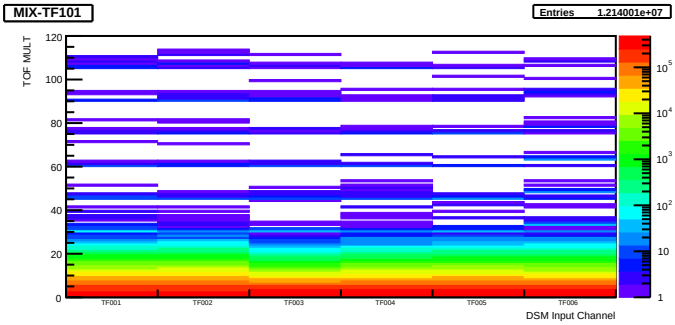

MIX-TF002
Entries 4.249004e+07
TOF MULT
TOF tray

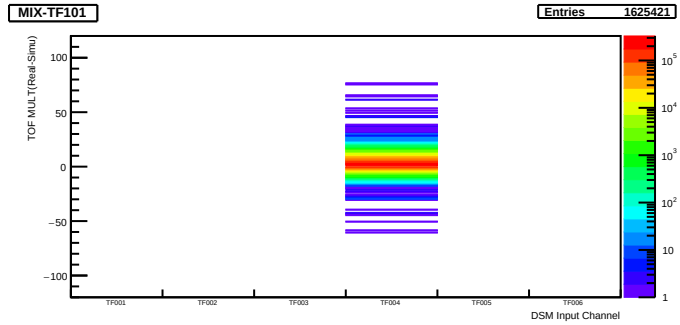

MIX-TF003
Entries 4.249004e+07
TOF MULT
TOF tray

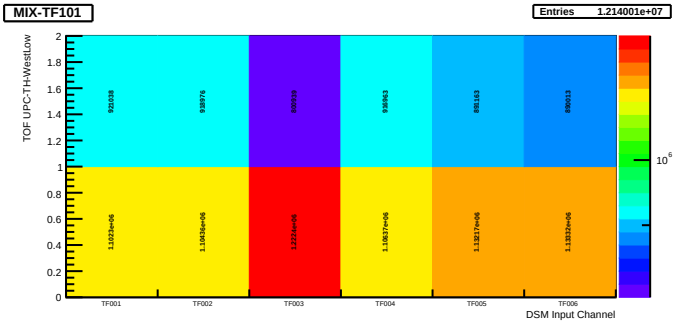

MIX-TF004
Entries 4.249004e+07
TOF MULT
TOF tray

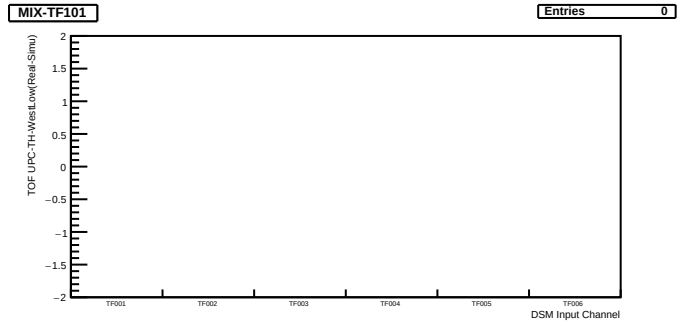

MIX-TF005
Entries 4.249004e+07
TOF MULT
TOF tray

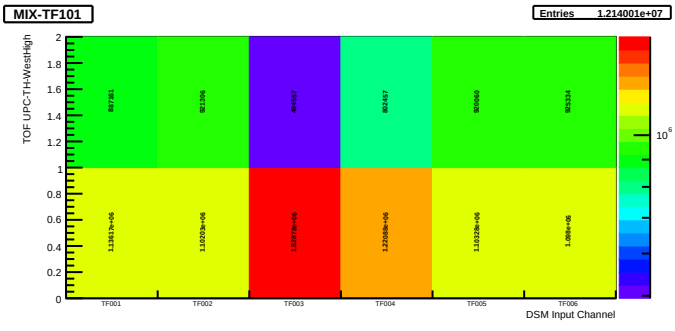

MIX-TF006
Entries 4.249004e+07
TOF MULT
TOF tray

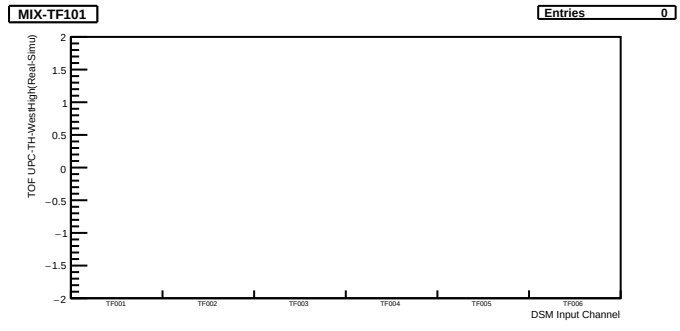

MIX-TF101
Entries 1.214001e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

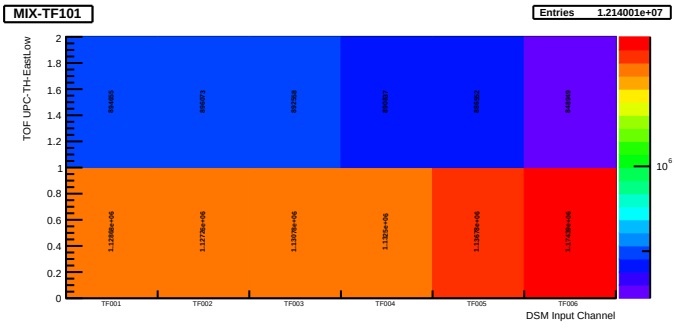

MIX-TF101
Entries 1625421
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

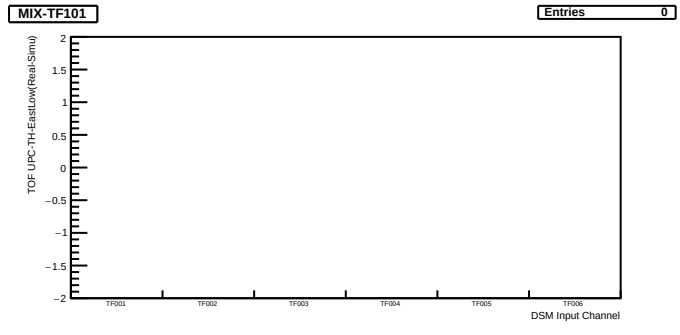

MIX-TF101
Entries 1.214001e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

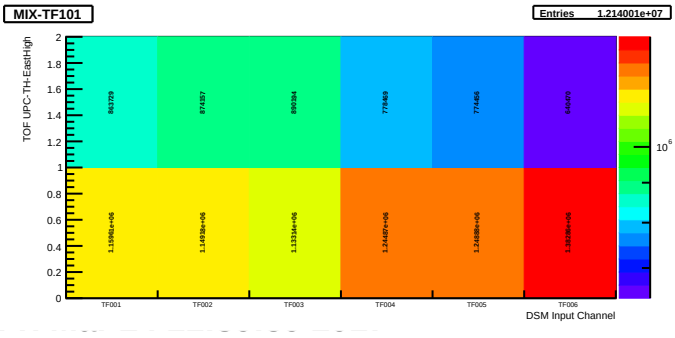

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

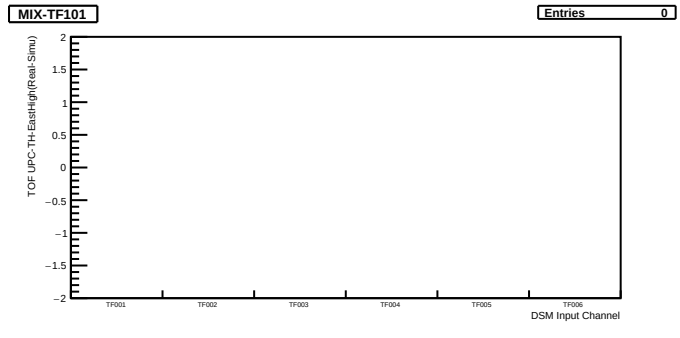

MIX-TF101
Entries 1.214001e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

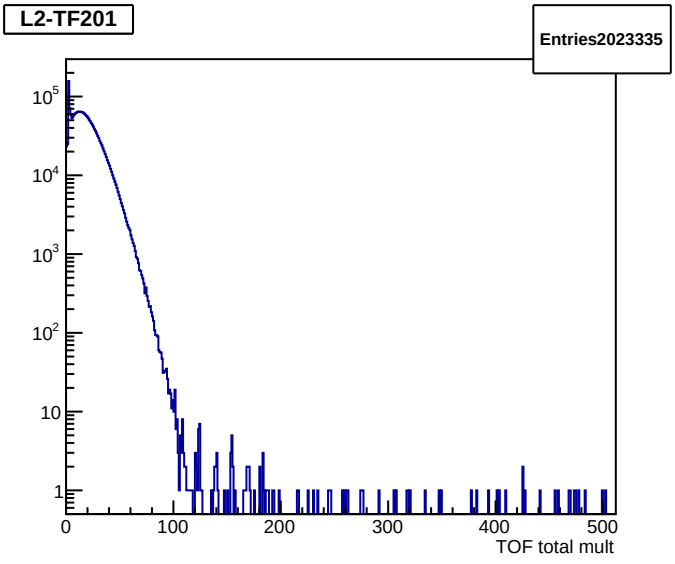

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

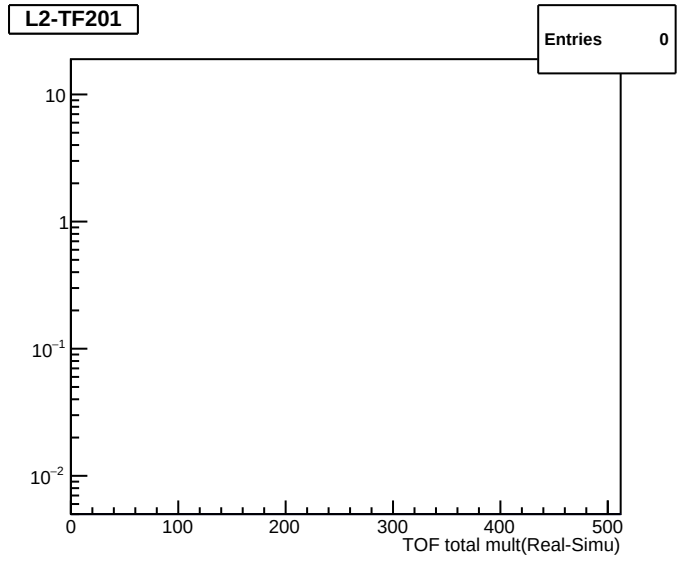

MIX-TF101
Entries 1.214001e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

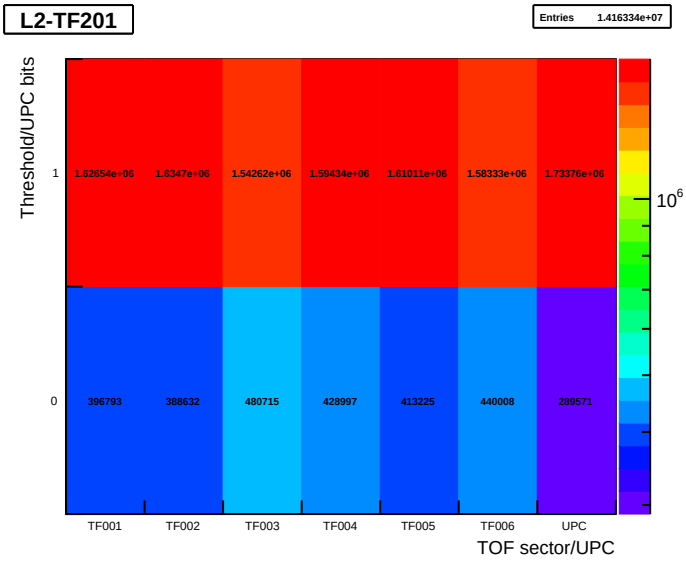

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

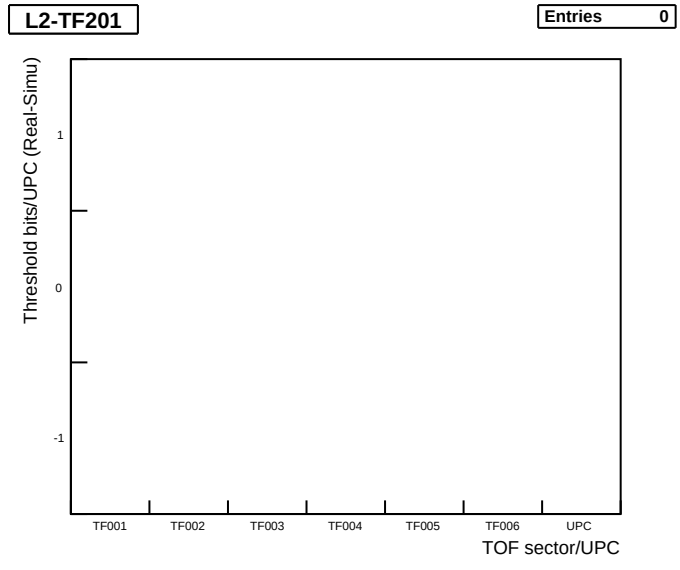

MIX-TF101
Entries 1.214001e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

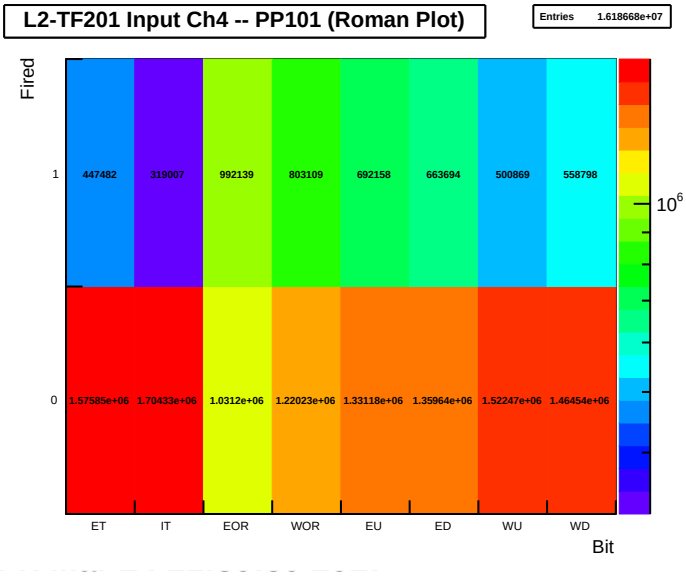

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

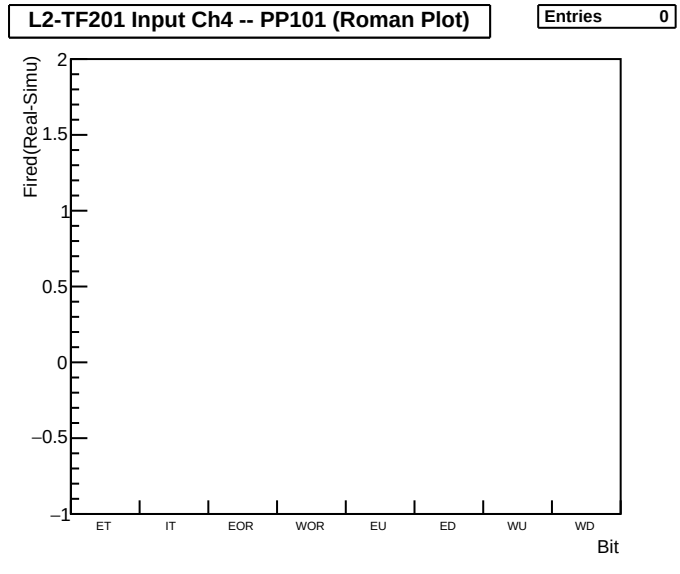

L2-TF201
Entries2023335
TOF total mult

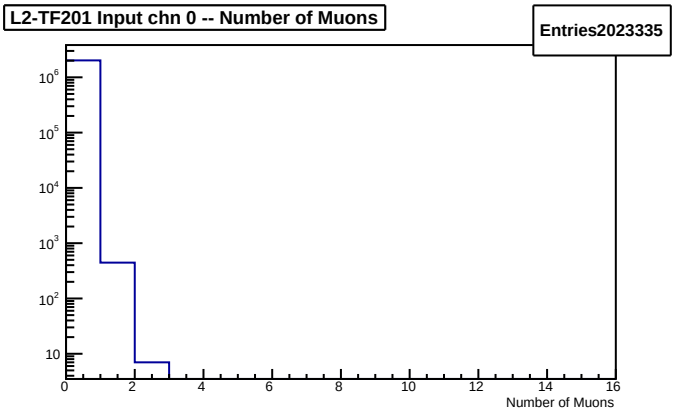

L2-TF201
Entries 0
TOF total mult(Real-Simu)

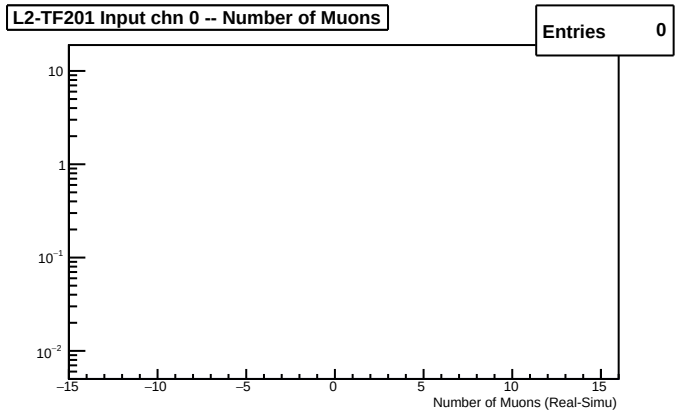

L2-TF201
Entries 1.416334e+07
Threshold/UPC bits
1.62654e+06
1.6347e+06
1.54262e+06
1.59434e+06
1.61011e+06
1.58333e+06
1.73376e+06
396793
388632
480715
428997
413225
440008
289571
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

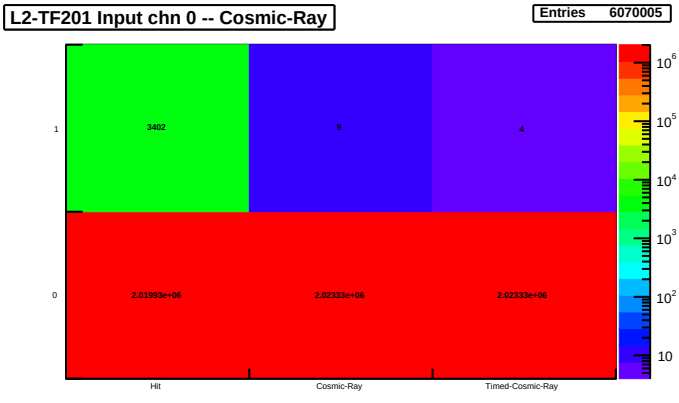

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

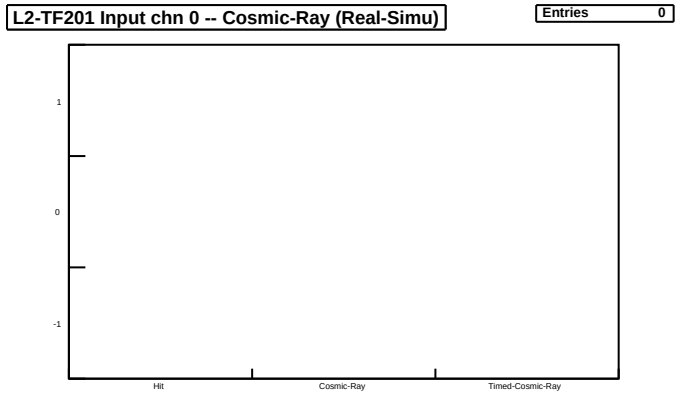

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.618668e+07
Fired
447482
319007
992139
803109
692158
663694
500869
558798
1.57585e+06
1.70433e+06
1.0312e+06
1.22023e+06
1.33118e+06
1.35964e+06
1.52247e+06
1.46454e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

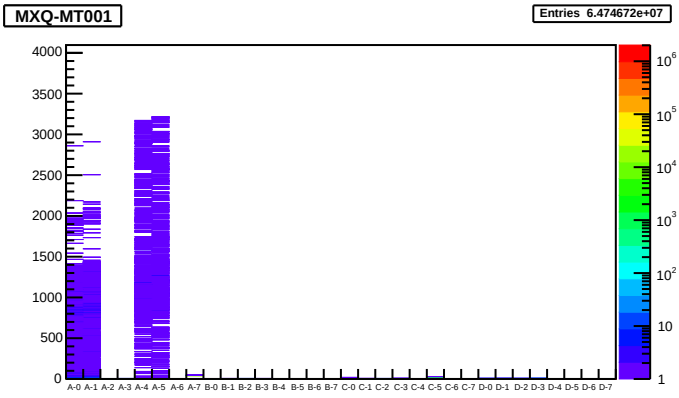

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

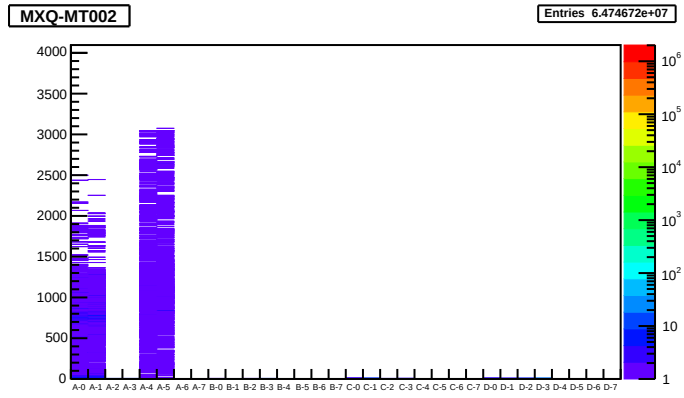

L2-TF201 Input chn 0 -- Number of Muons
Entries2023335
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 6070005
3402
9
4
2.01993e+06
2.02333e+06
2.02333e+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 6.474672e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 6.474672e+07
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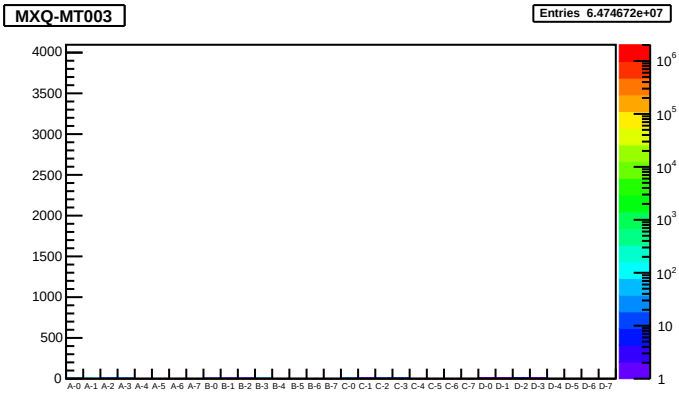
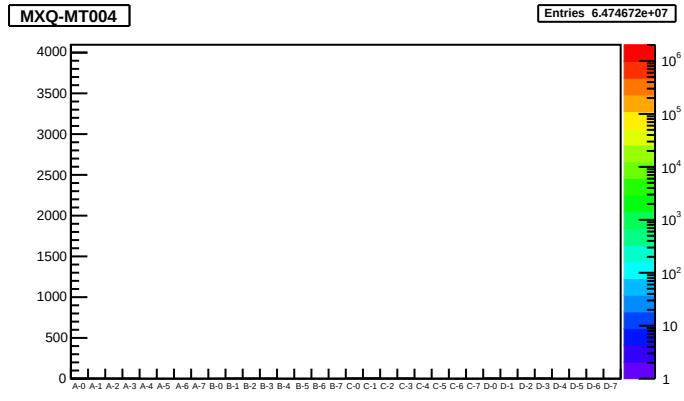
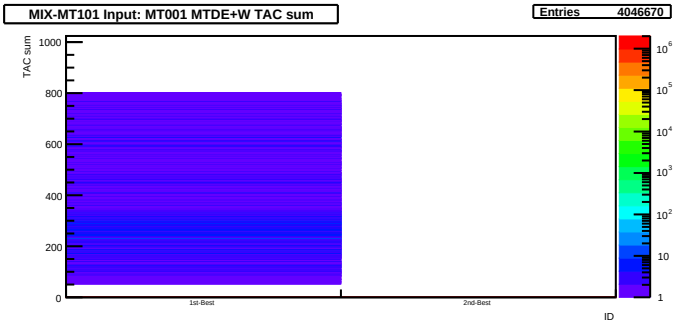
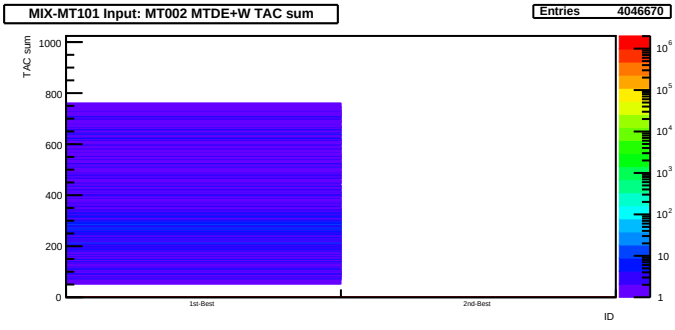
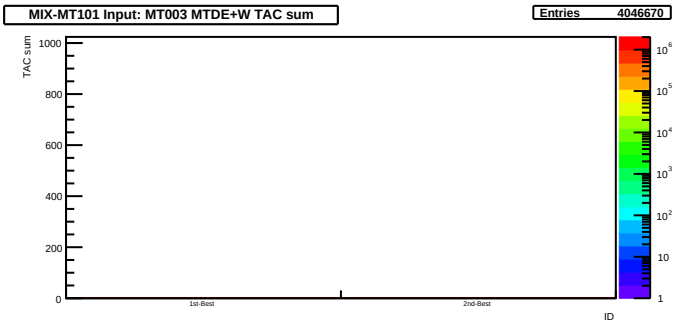
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

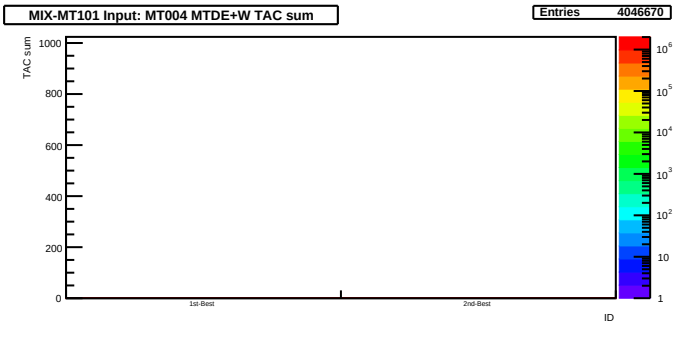

MXQ-MT003
Entries 6.474672e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

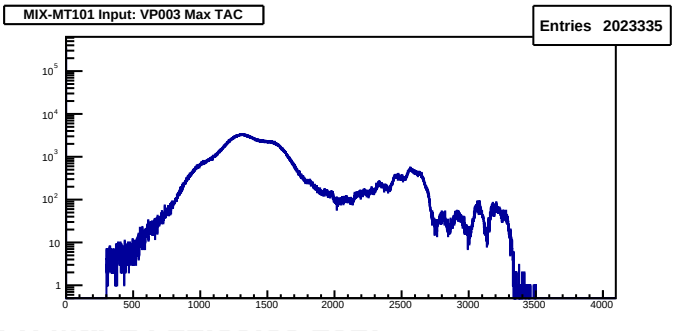

MXQ-MT004
Entries 6.474672e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

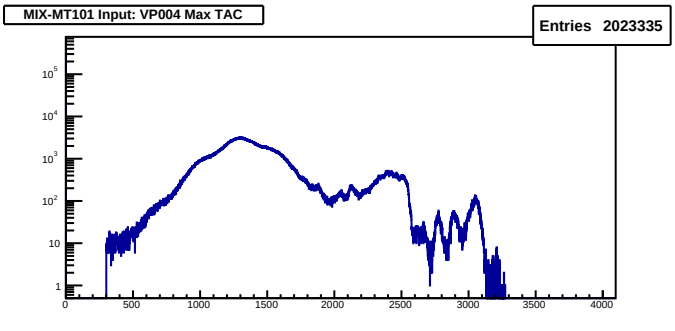

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4046670
TAC sum
1st-Best
2nd-Best
ID

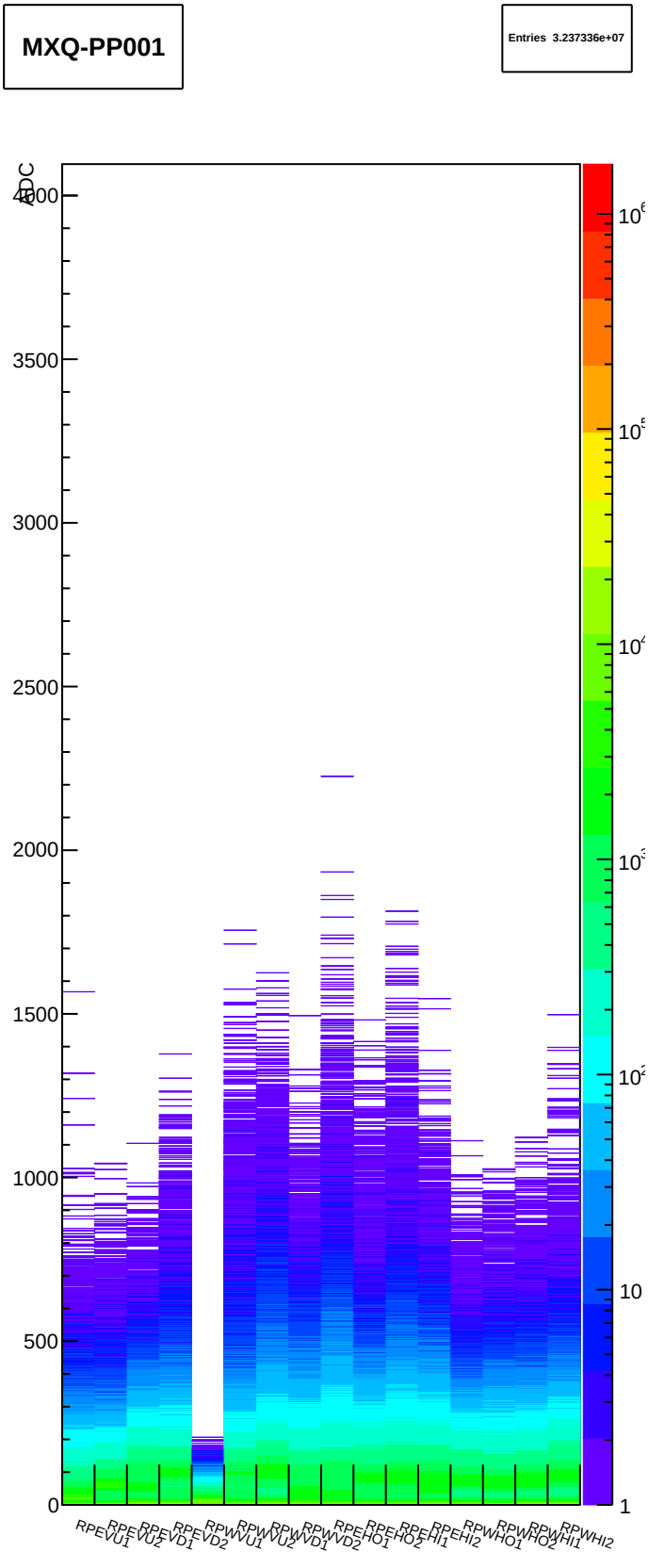

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4046670
TAC sum
1st-Best
2nd-Best
ID

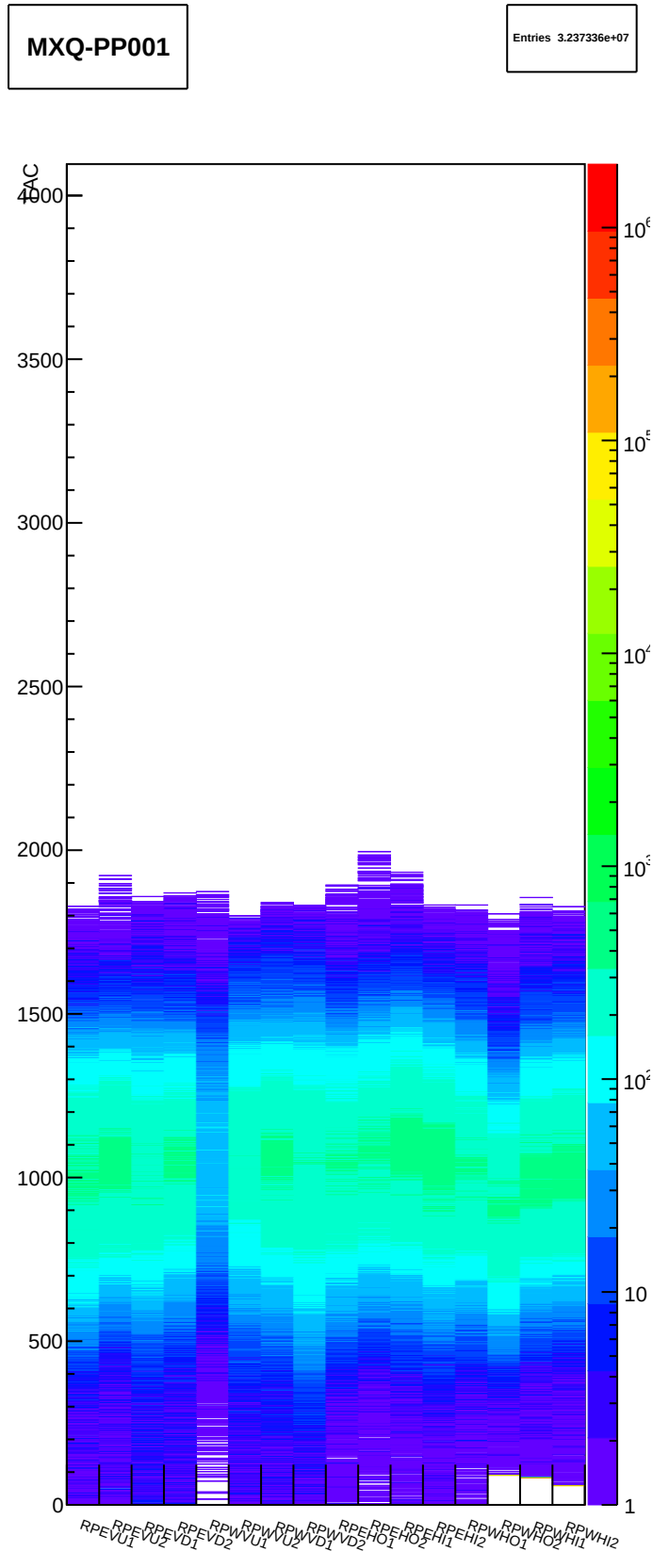

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4046670
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4046670
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 2023335


MIX-MT101 Input: VP004 Max TAC
Entries 2023335


MXQ-PP001
Entries 3.237336e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10^2
10^3
10^4
10^5
10^6


MXQ-PP001
Entries 3.237336e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
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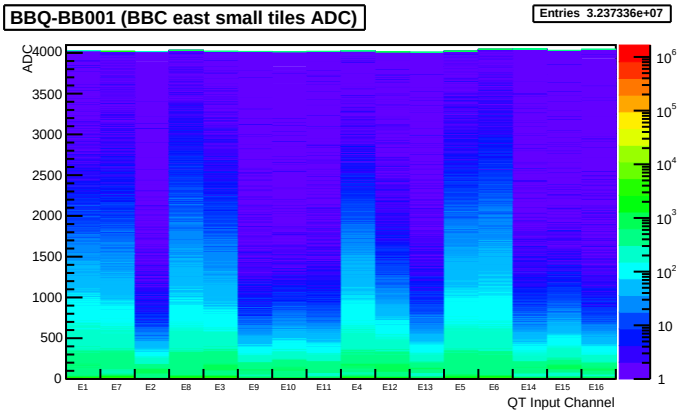
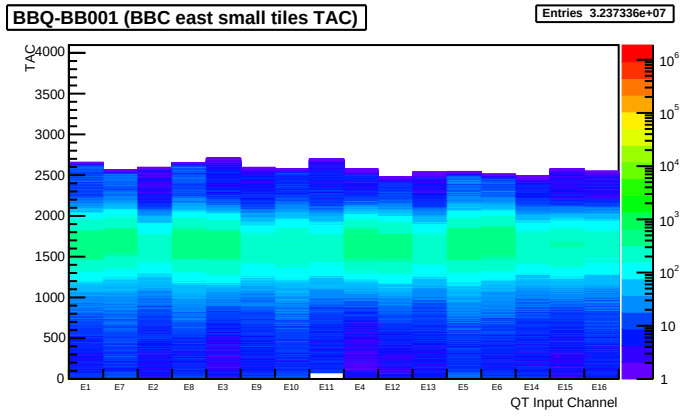
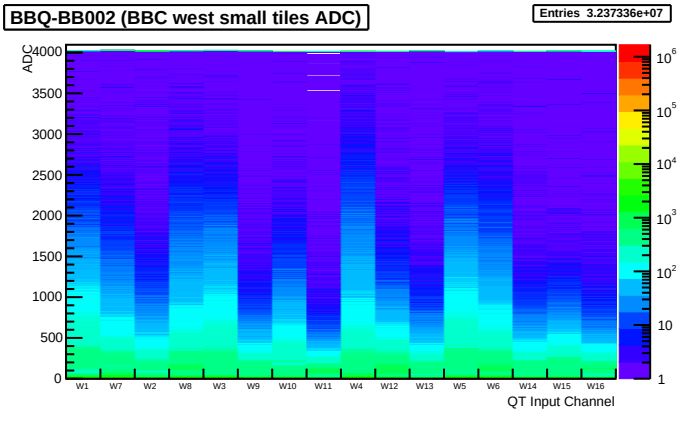
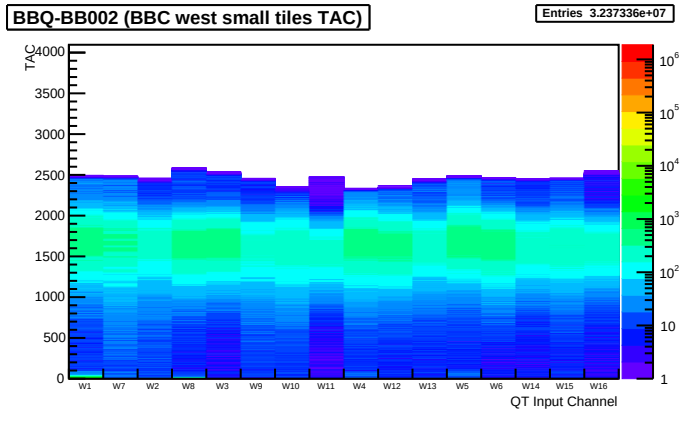
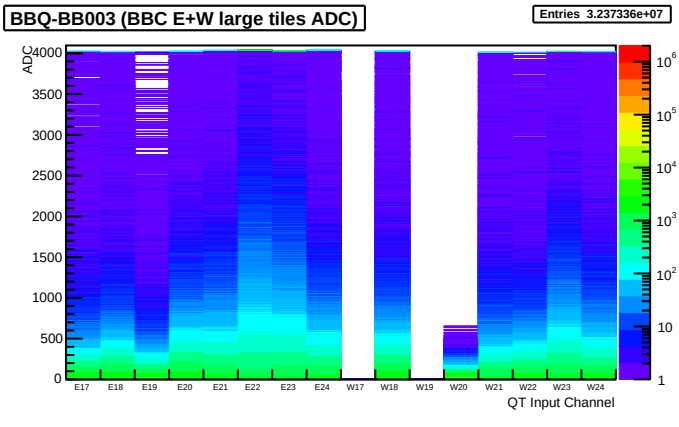
10^2
10^3
10^4
10^5
10^6

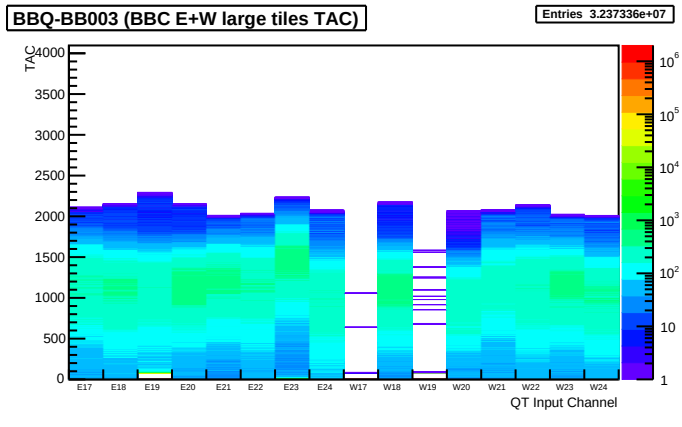

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.237336e+07
ADC
QT Input Channel

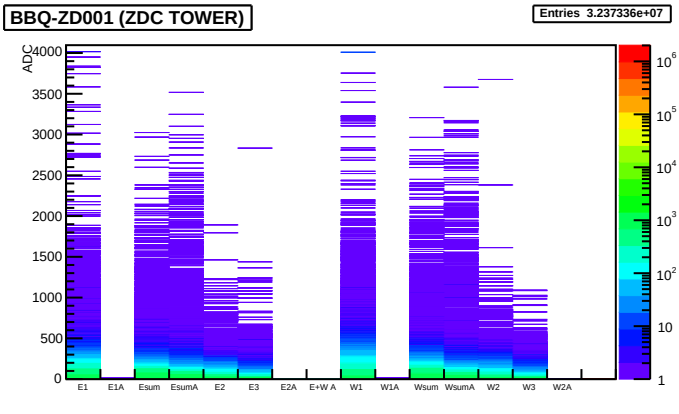

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.237336e+07
TAC
QT Input Channel

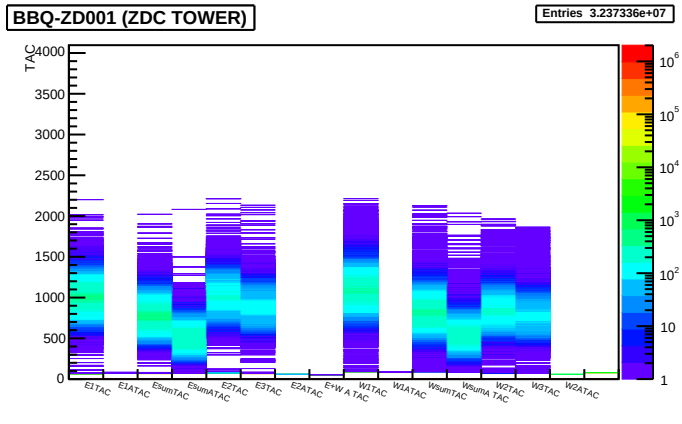

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.237336e+07
ADC
QT Input Channel

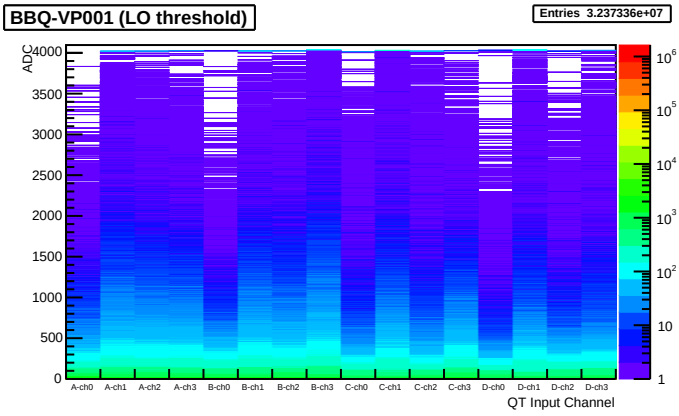

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.237336e+07
TAC
QT Input Channel

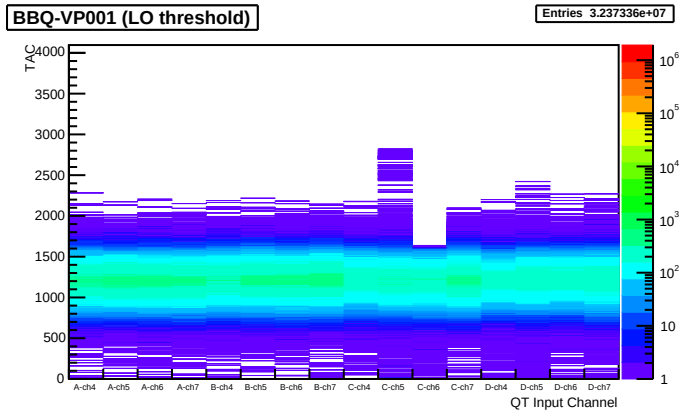

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.237336e+07
ADC
QT Input Channel

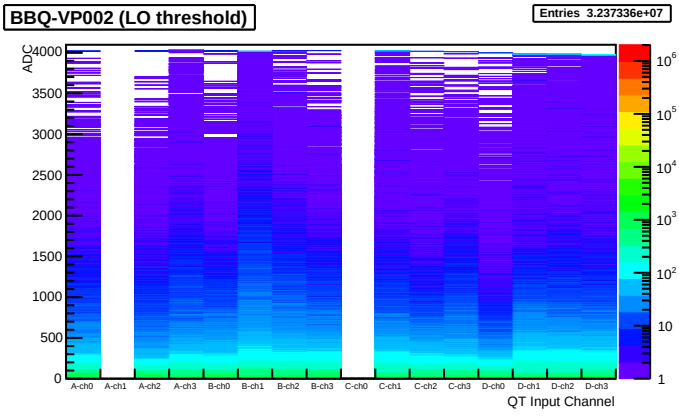

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.237336e+07
TAC
QT Input Channel

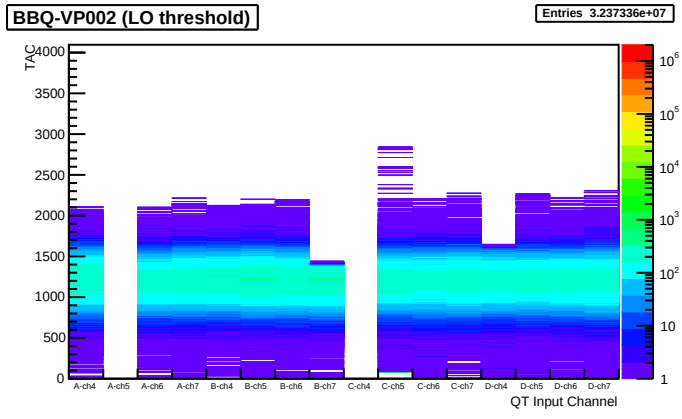

BBQ-ZD001 (ZDC TOWER)
Entries 3.237336e+07
ADC

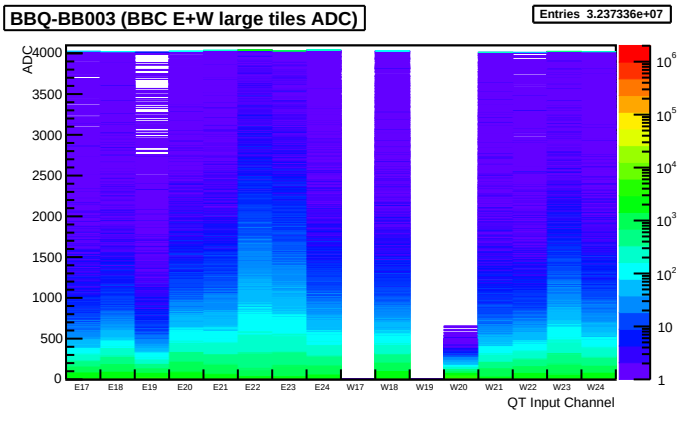

BBQ-ZD001 (ZDC TOWER)
Entries 3.237336e+07
TAC

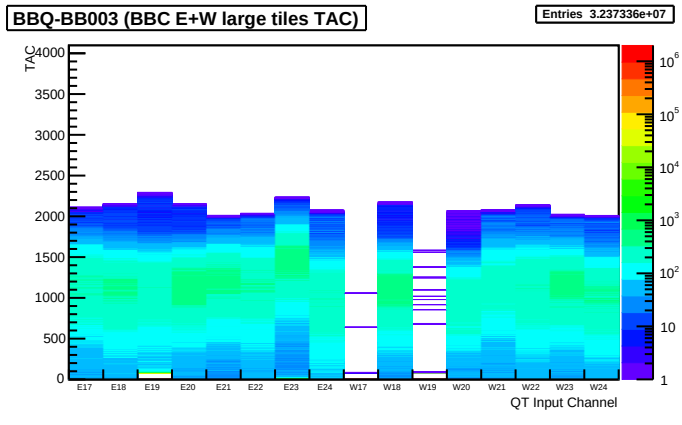

BBQ-VP001 (LO threshold)
Entries 3.237336e+07
ADC
QT Input Channel

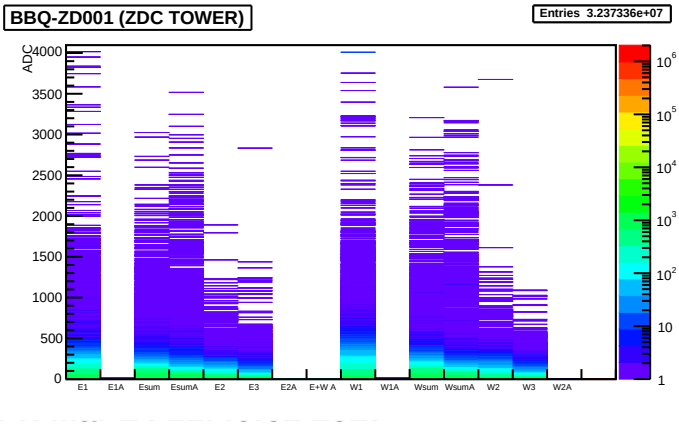

BBQ-VP001 (LO threshold)
Entries 3.237336e+07
TAC
QT Input Channel

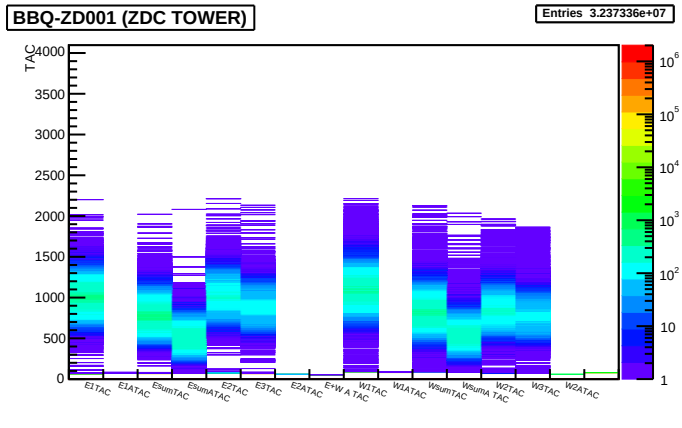

BBQ-VP002 (LO threshold)
Entries 3.237336e+07
ADC
QT Input Channel

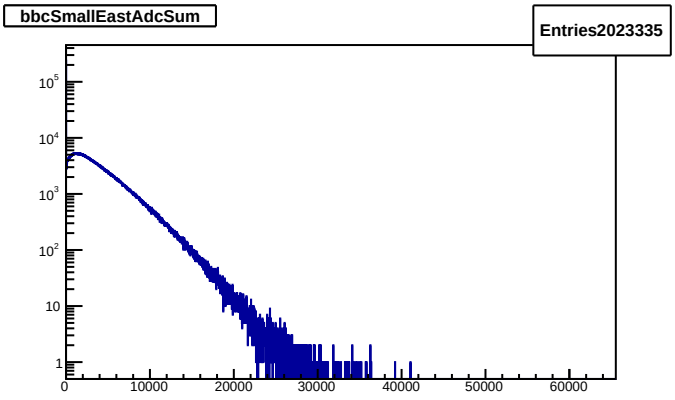

BBQ-VP002 (LO threshold)
Entries 3.237336e+07
TAC
QT Input Channel

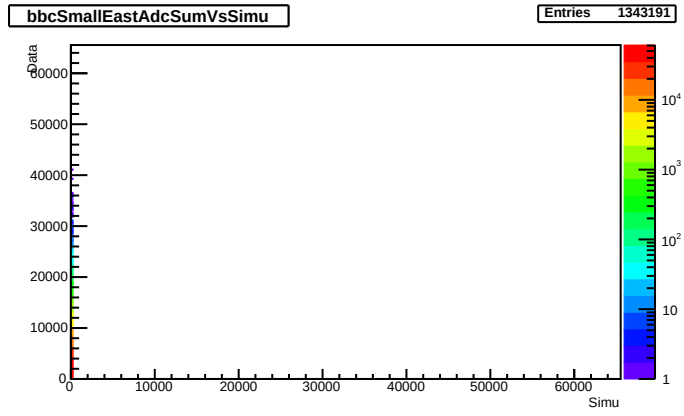

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.237336e+07
ADC
QT Input Channel

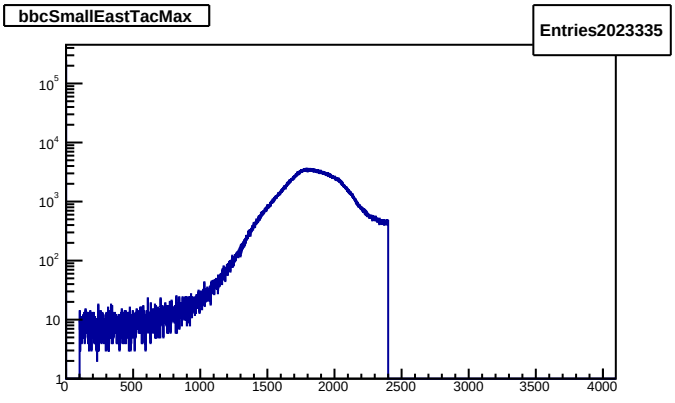

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.237336e+07
TAC
QT Input Channel

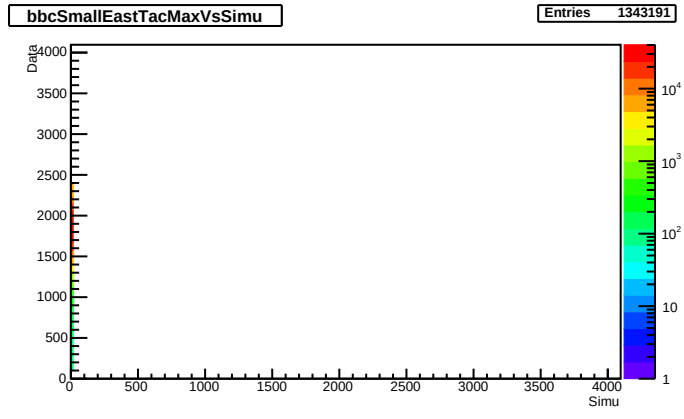

BBQ-ZD001 (ZDC TOWER)
Entries 3.237336e+07
ADC

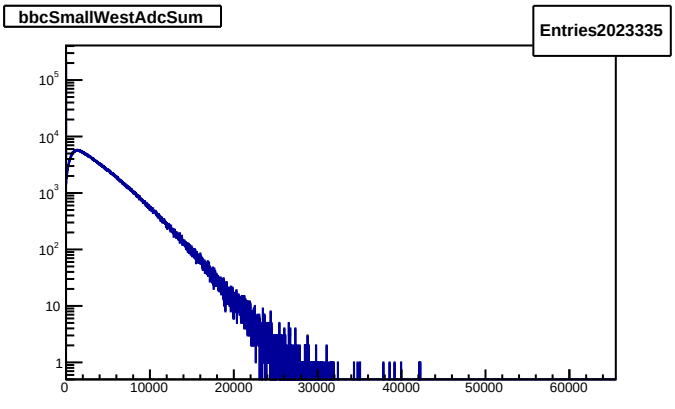

BBQ-ZD001 (ZDC TOWER)
Entries 3.237336e+07
TAC

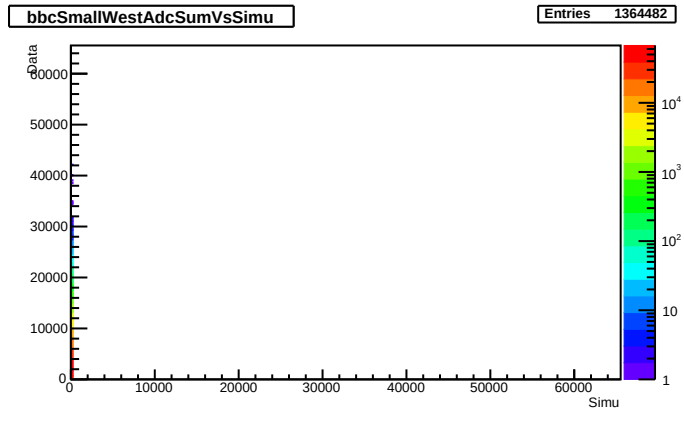

bbcSmallEastAdcSum
Entries2023335

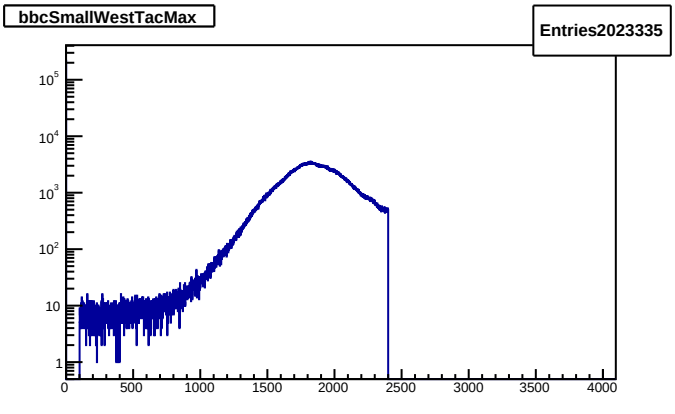

bbcSmallEastAdcSumVsSimu
Entries 1343191
Data
Simu

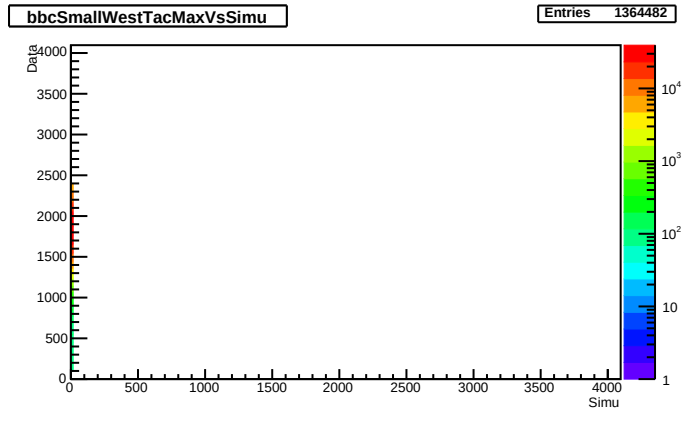

bbcSmallEastTacMax
Entries2023335

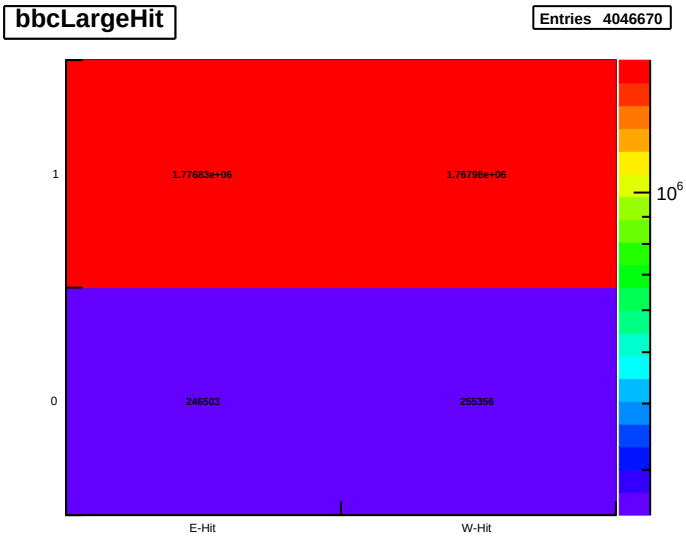

bbcSmallEastTacMaxVsSimu
Entries 1343191
Data
Simu

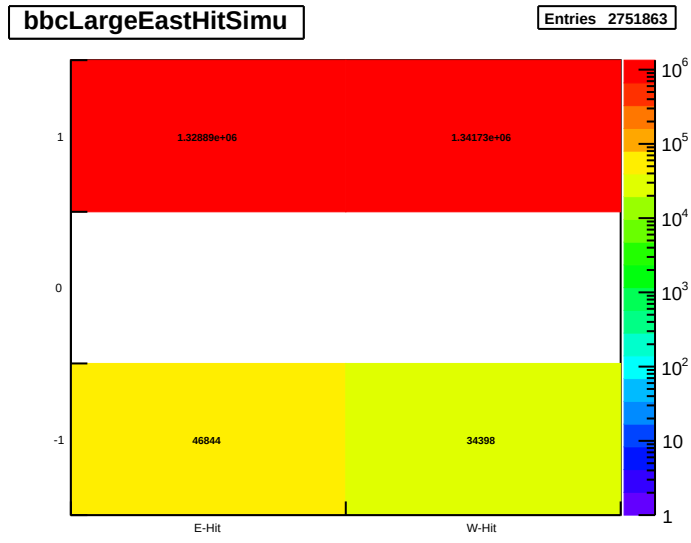

bbcSmallWestAdcSum
Entries2023335

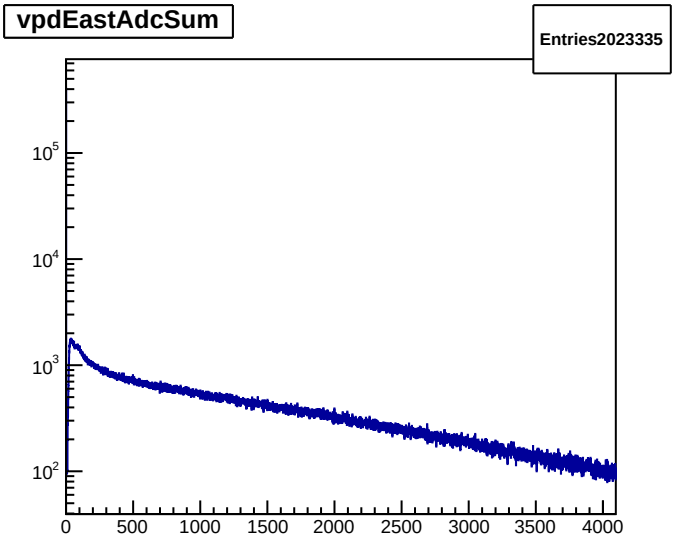

bbcSmallWestAdcSumVsSimu
Entries 1364482
Data
Simu

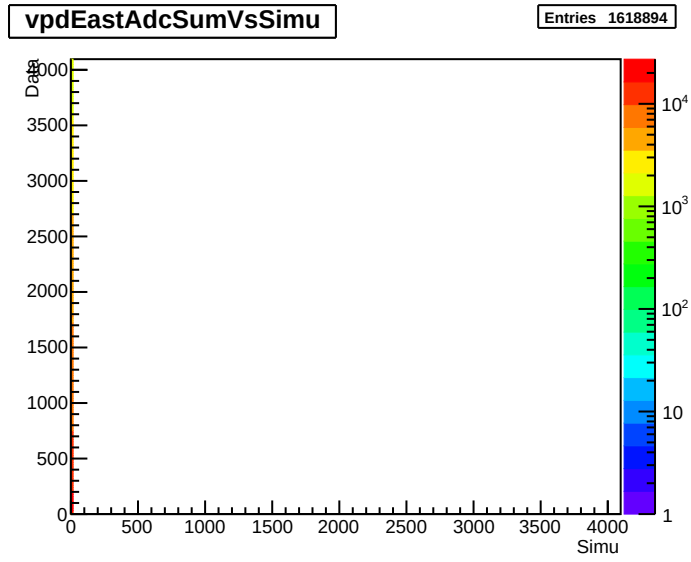

bbcSmallWestTacMax
Entries2023335

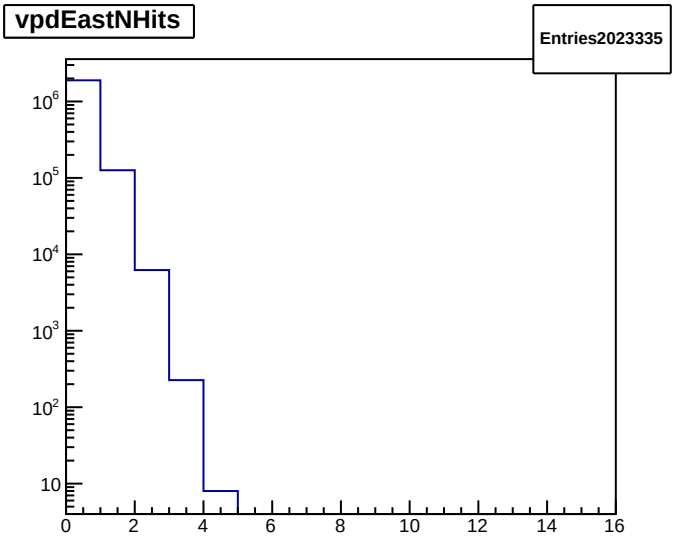

bbcSmallWestTacMaxVsSimu
Entries 1364482
Data
Simu

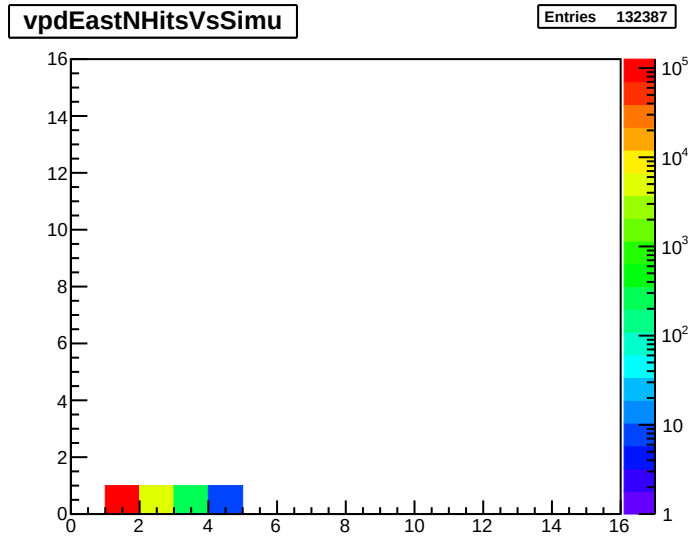

bbcLargeHit
Entries 4046670
1
0
1.77683e+06
1.76798e+06
246503
255356
E-Hit
W-Hit
10^6

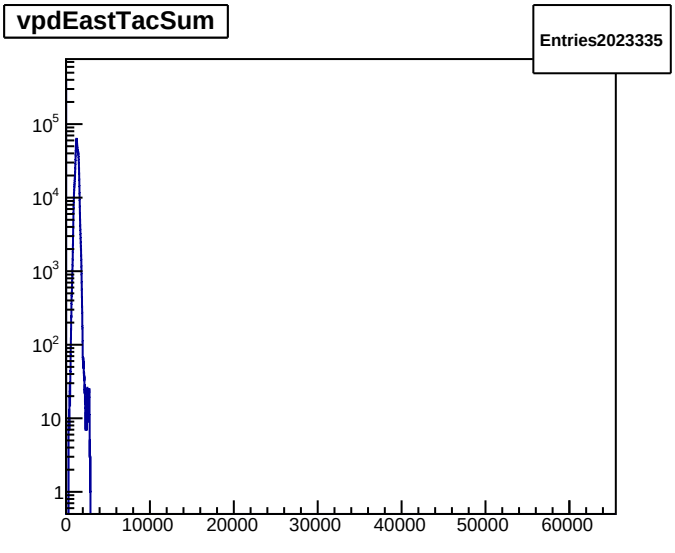

bbcLargeEastHitSimu
Entries 2751863
1
0
-1
1.32889e+06
1.34173e+06
46844
34398
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

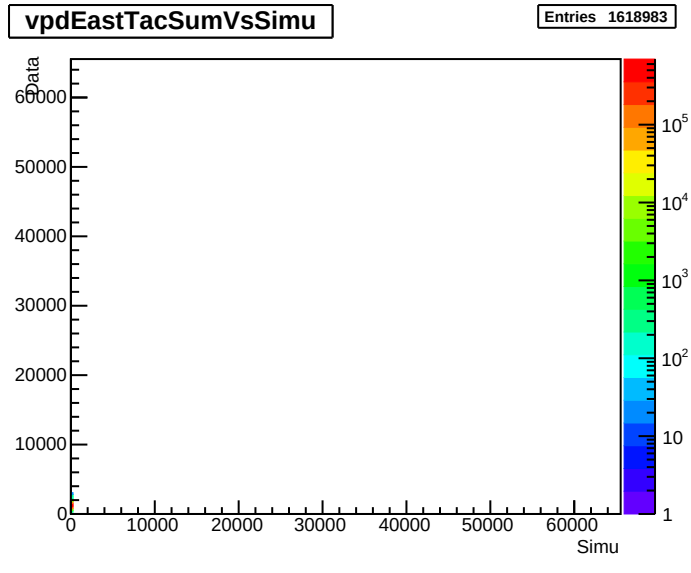

vpdEastAdcSum
Entries2023335

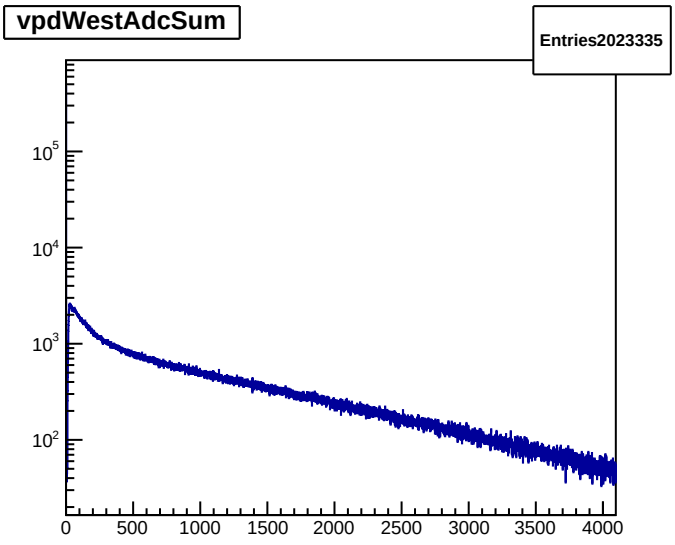

vpdEastAdcSumVsSimu
Entries 1618894
Data
Simu

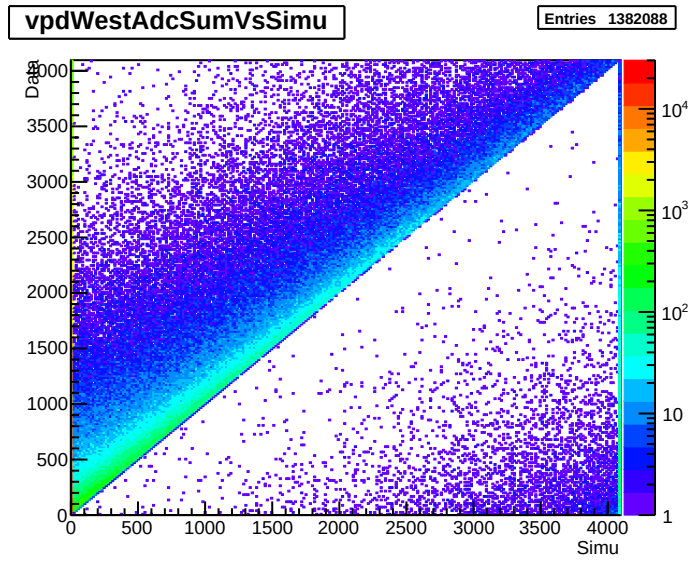

vpdEastNHits
Entries2023335

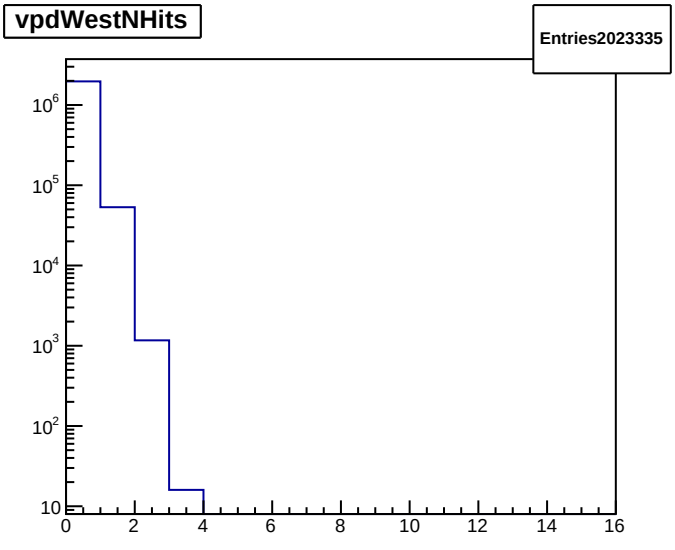

vpdEastNHitsVsSimu
Entries 132387

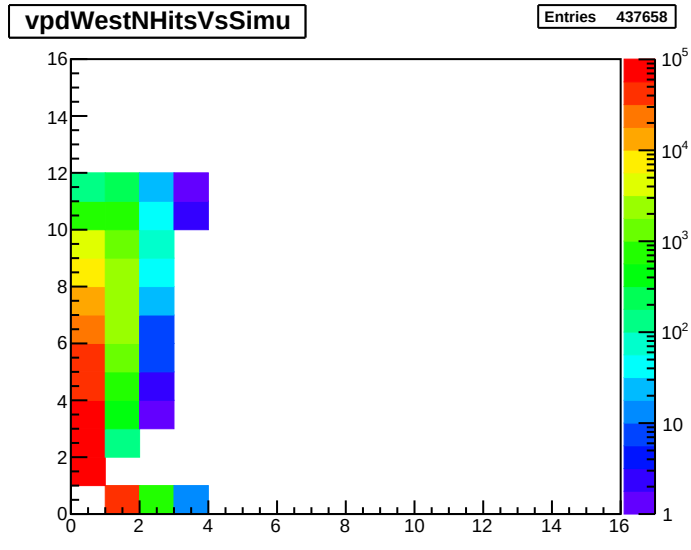

vpdEastTacSum
Entries2023335

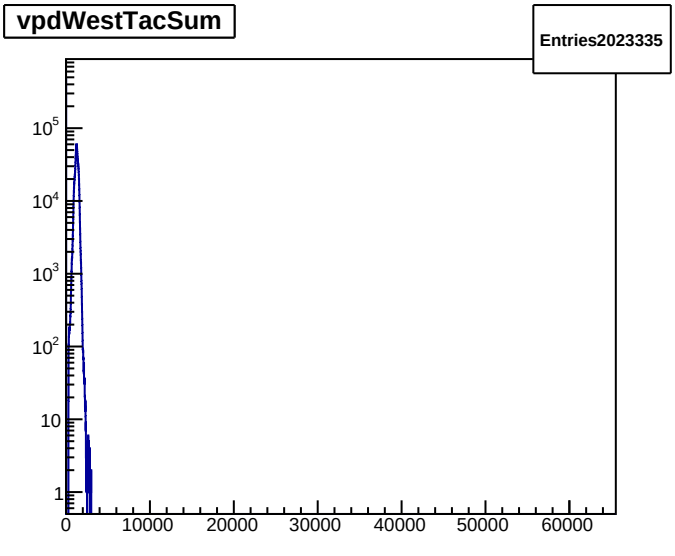

vpdEastTacSumVsSimu
Entries 1618983
Data
Simu

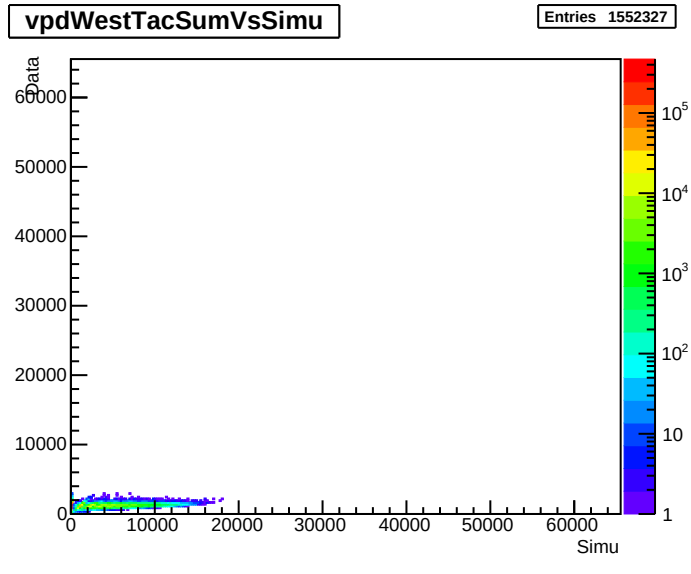

vpdWestAdcSum
Entries2023335

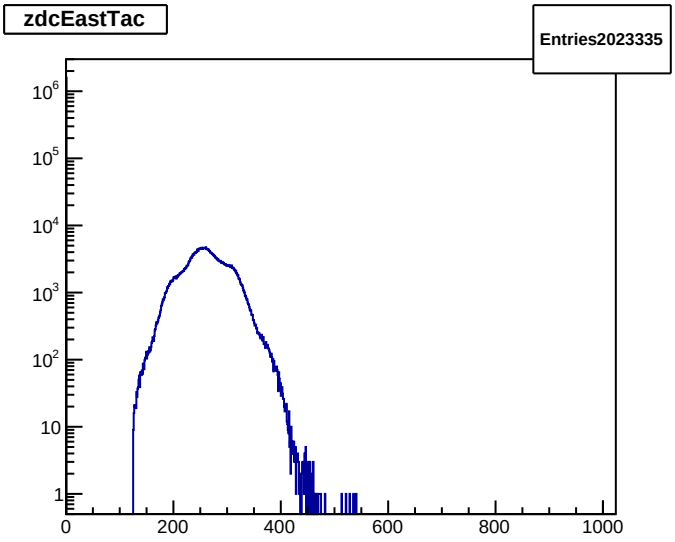

vpdWestAdcSumVsSimu
Entries 1382088
Data
Simu

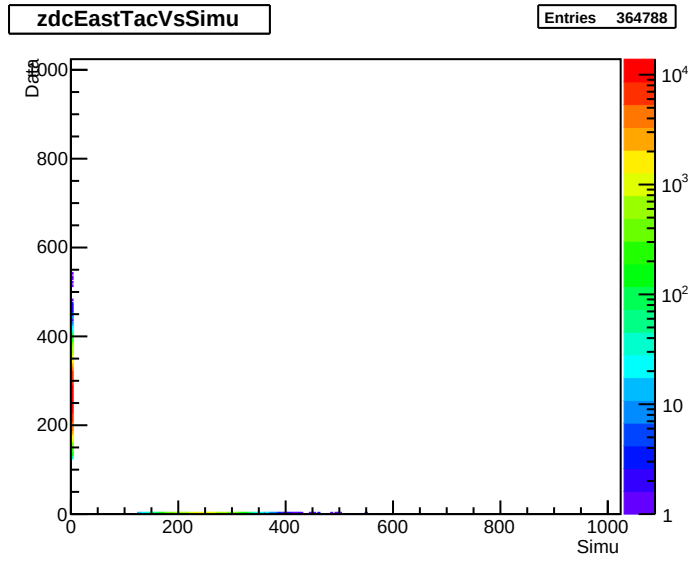

vpdWestNHits
Entries2023335

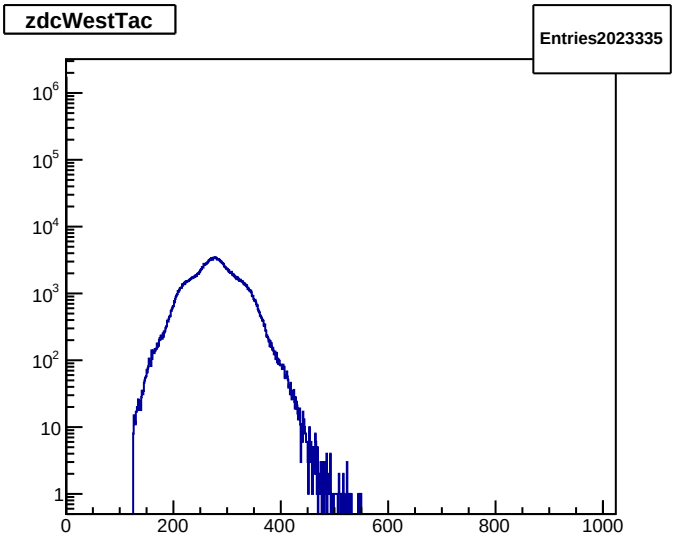

vpdWestNHitsVsSimu
Entries 437658

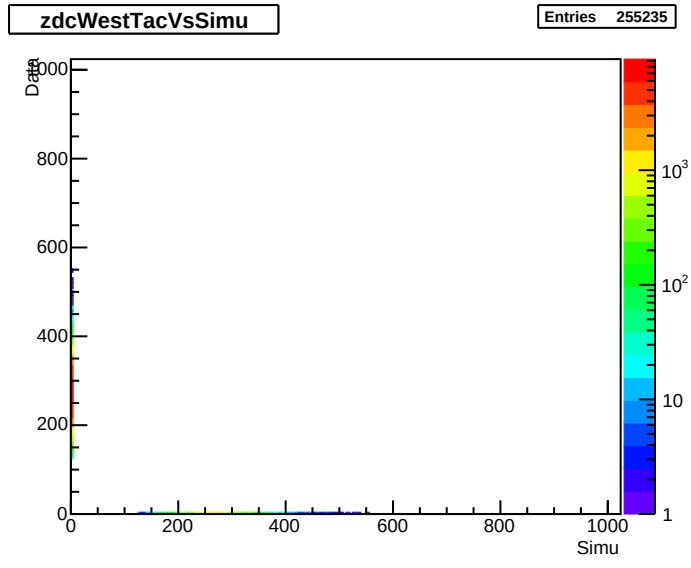

vpdWestTacSum
Entries2023335

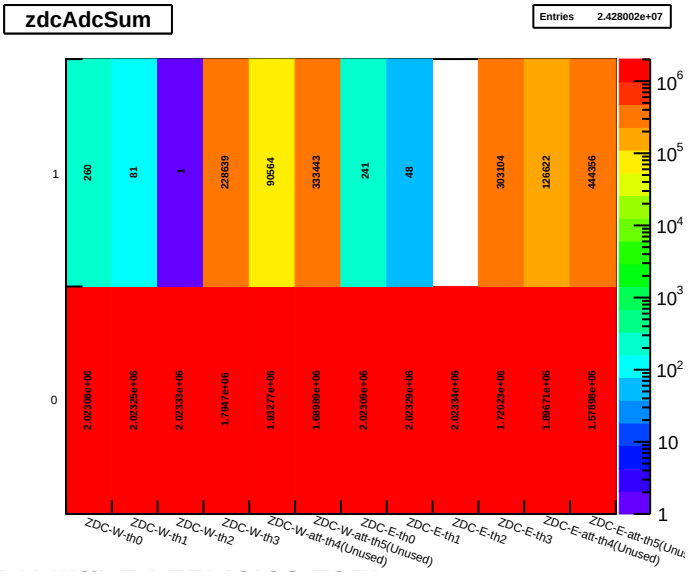

vpdWestTacSumVsSimu
Entries 1552327
Data
Simu

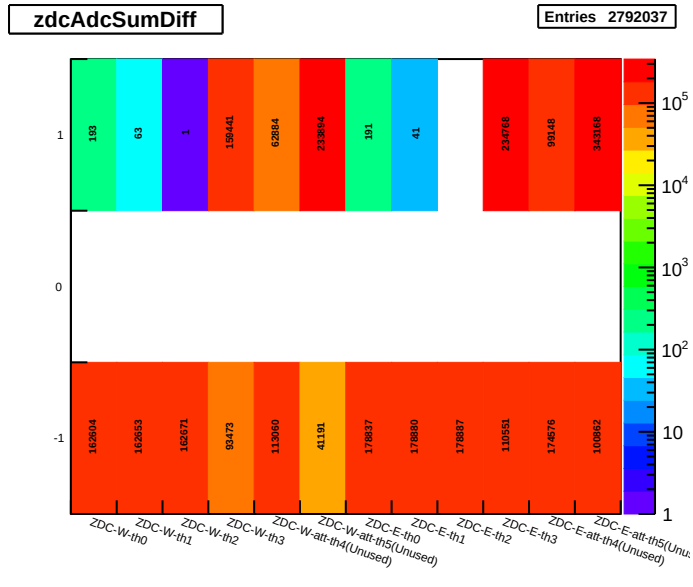

zdcEastTac
Entries2023335

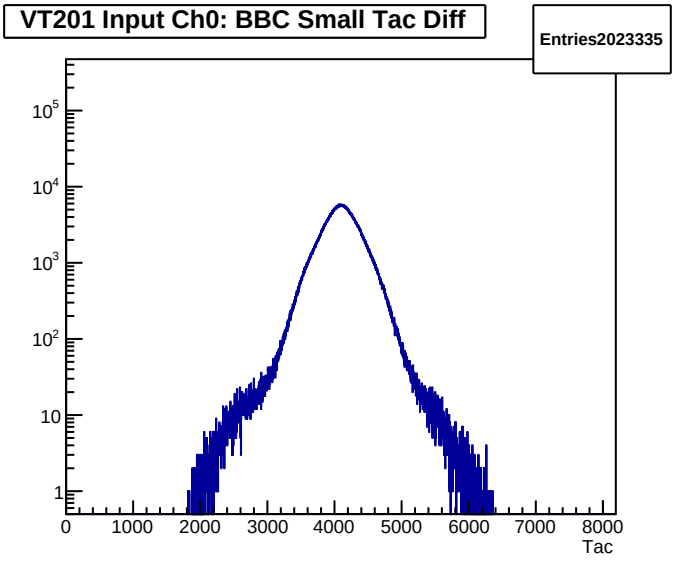

zdcEastTacVsSimu
Entries 364788
Data
Simu

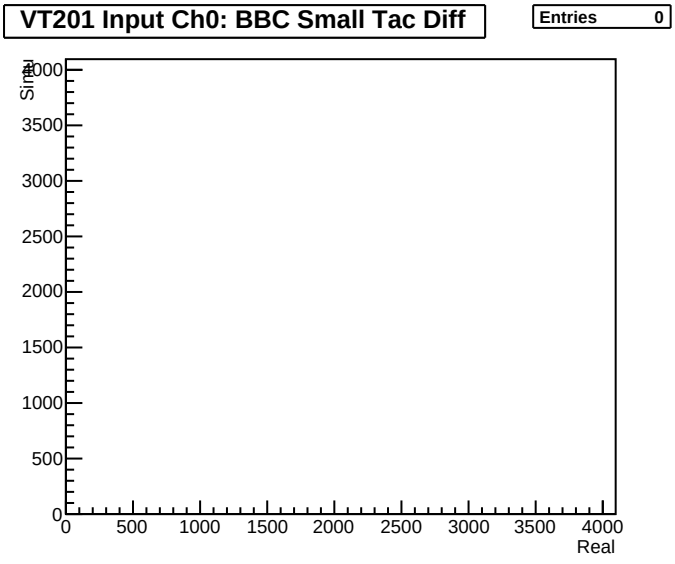

zdcWestTac
Entries2023335

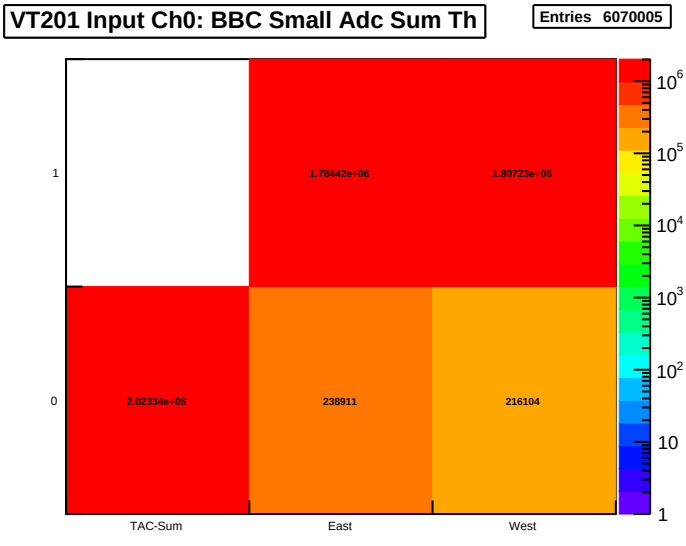

zdcWestTacVsSimu
Entries 255235
Data
Simu

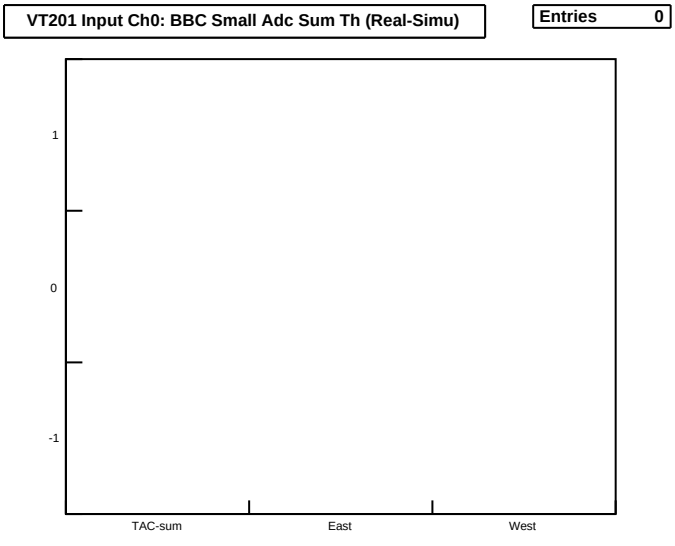

zdcAdcSum
Entries 2.428002e+07
260
81
1
228639
90564
333443
241
48
303104
126622
444356
2.02308e+06
2.02325e+06
2.02332e+06
1.79947e+06
1.93277e+06
1.60989e+06
2.02309e+06
2.02328e+06
2.02334e+06
1.72023e+06
1.89671e+06
1.57898e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

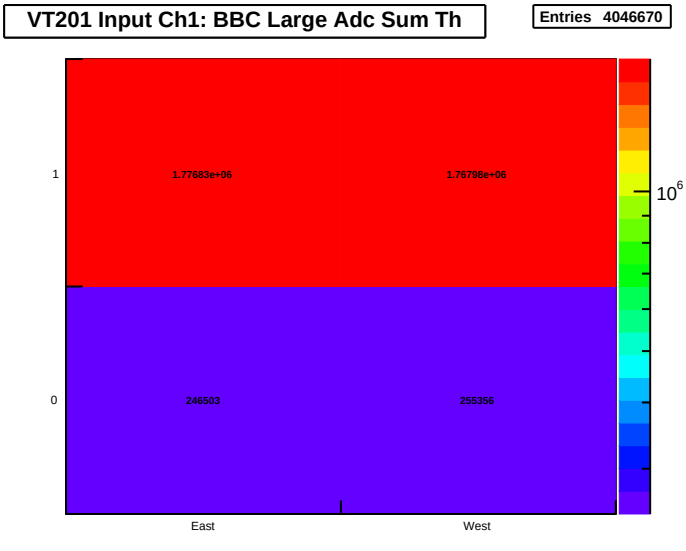

zdcAdcSumDiff
Entries 2792037
193
63
1
159441
62984
233894
191
41
234768
99148
343168
162604
162653
162671
93473
113060
41191
178837
178880
178887
110551
174576
100862
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

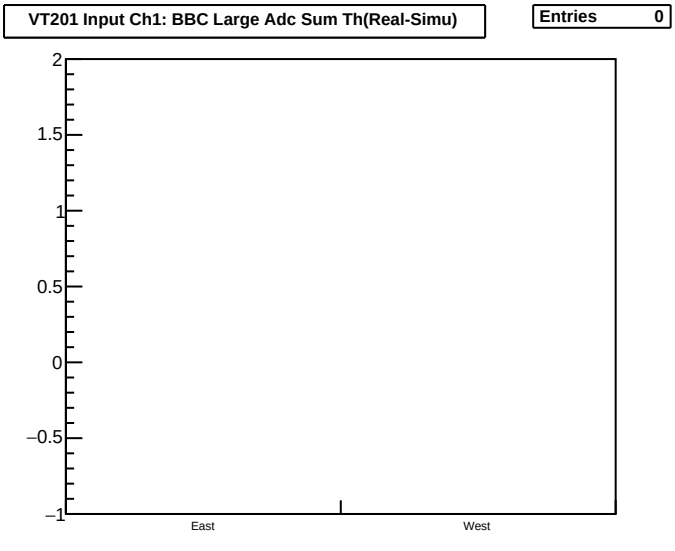

VT201 Input Ch0: BBC Small Tac Diff
Entries2023335
Tac


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

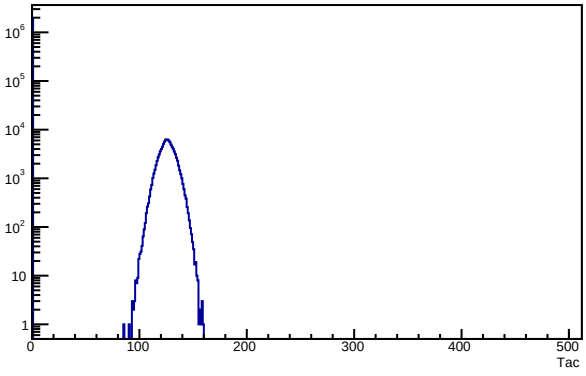

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6070005
1.78442e+06
1.80723e+06
2.02334e+06
238911
216104
TAC-Sum
East
West


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

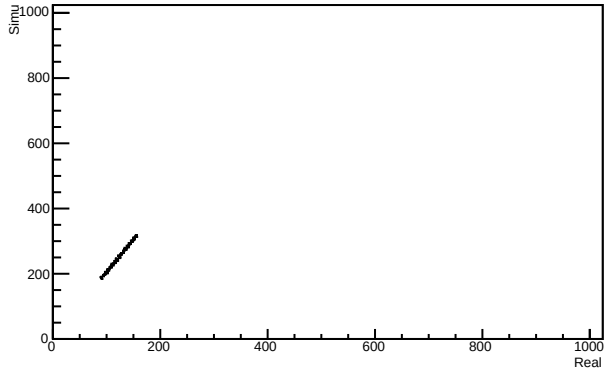

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4046670
1.77683e+06
1.76798e+06
246503
255356
East
West


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

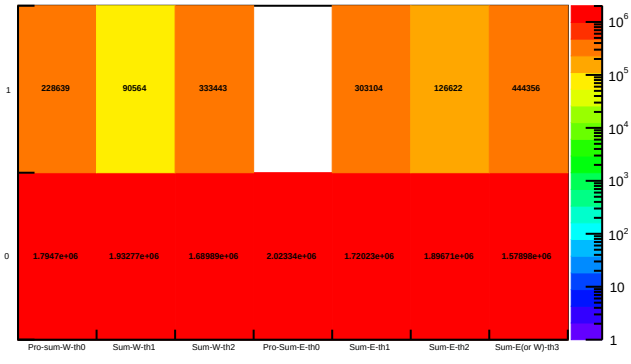
VT201 Input Ch2: ZDC Tac Diff



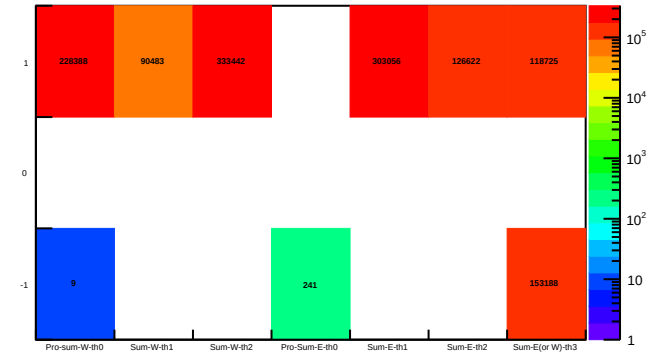
VT201 Input Ch2: ZDC Tac Diff



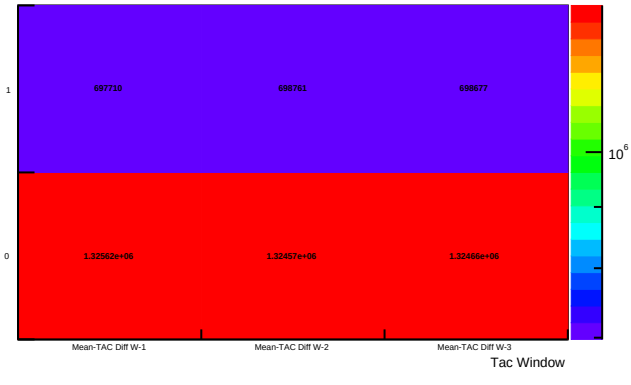
VT201 Input Ch2: ZDC Adc Sum Th



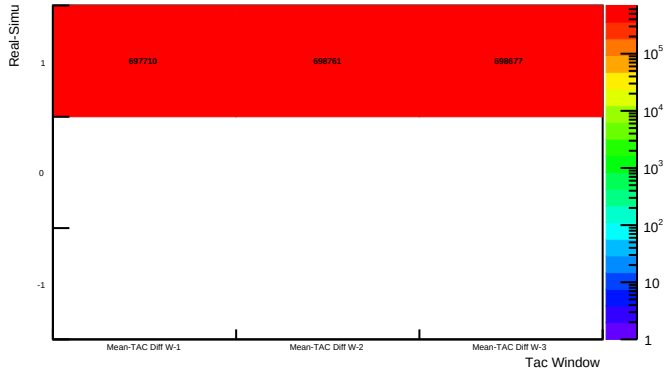
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



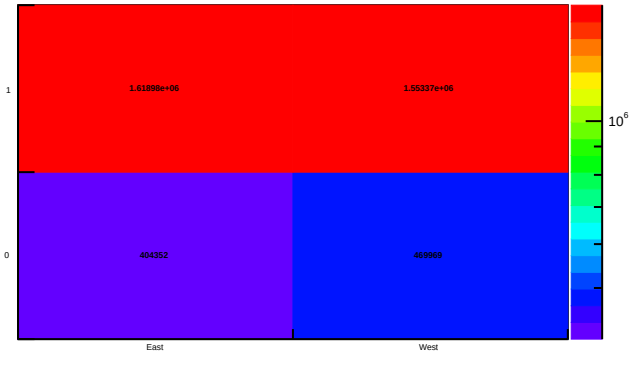
VT201 Input Ch4: VPD Tac Diff



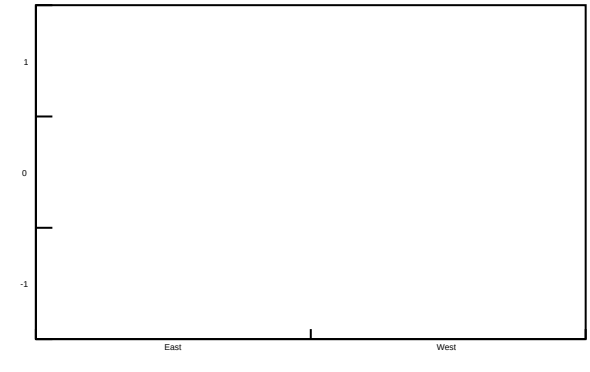
VT201 Input Ch4: VPD Tac Diff

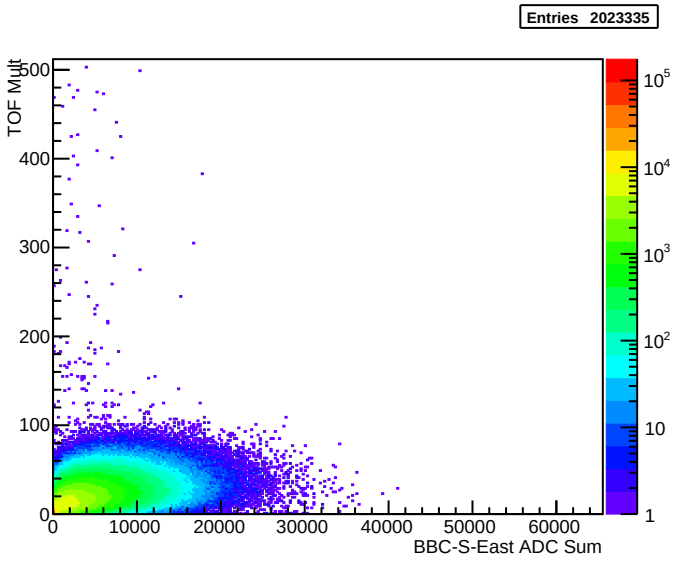


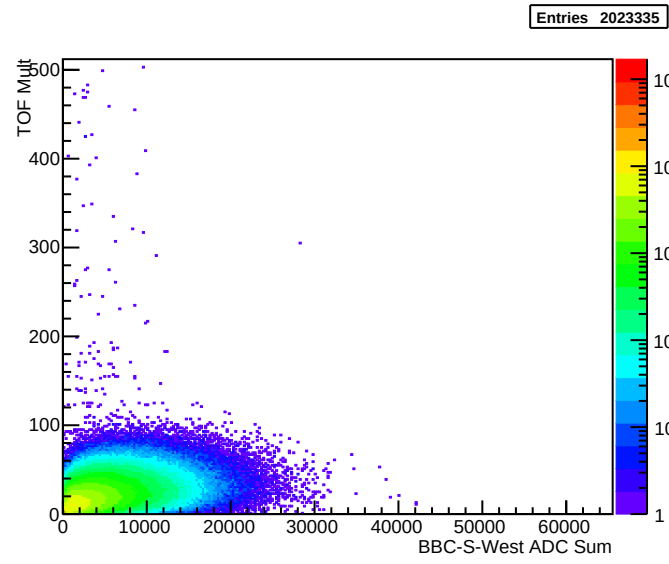
VT201 Input Ch4: VPD Adc Sum Th

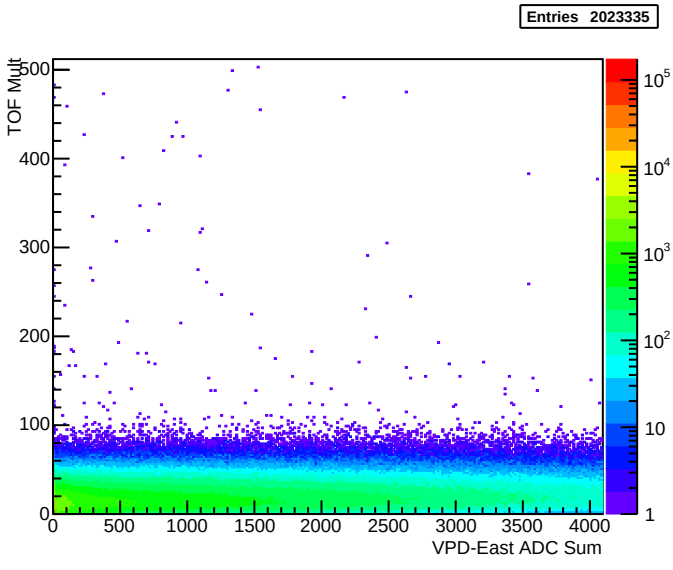


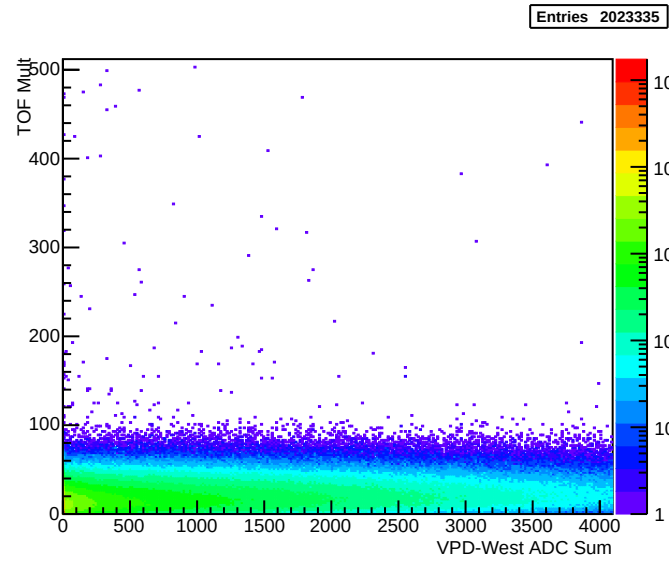
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

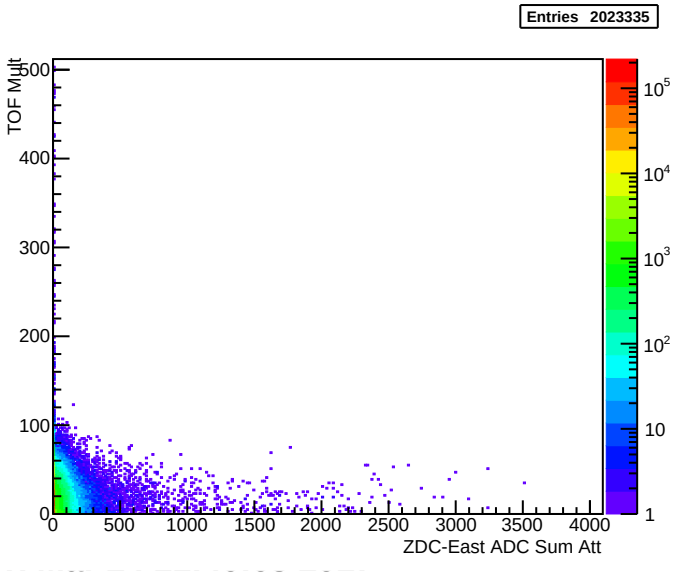


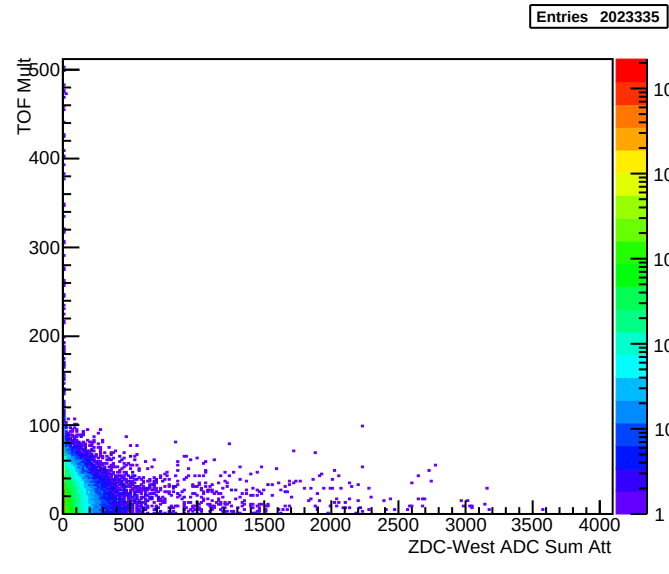

Entries 2023335
TOF Mult
BBC-S-East ADC Sum

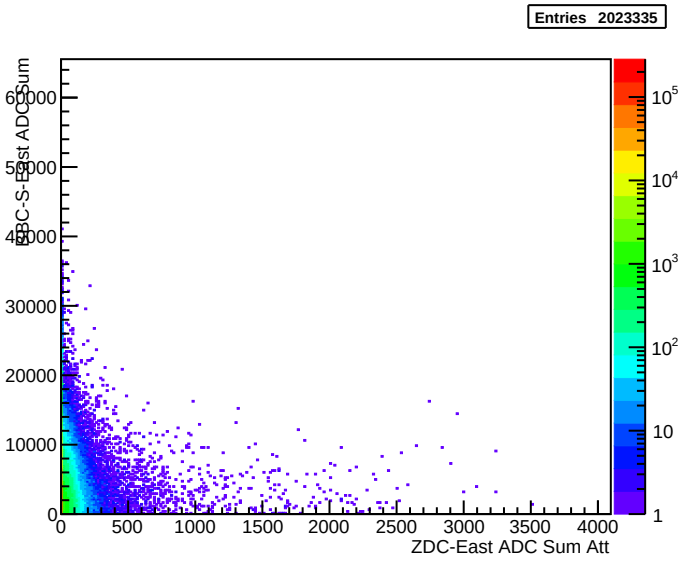

Entries 2023335
TOF Mult
BBC-S-West ADC Sum

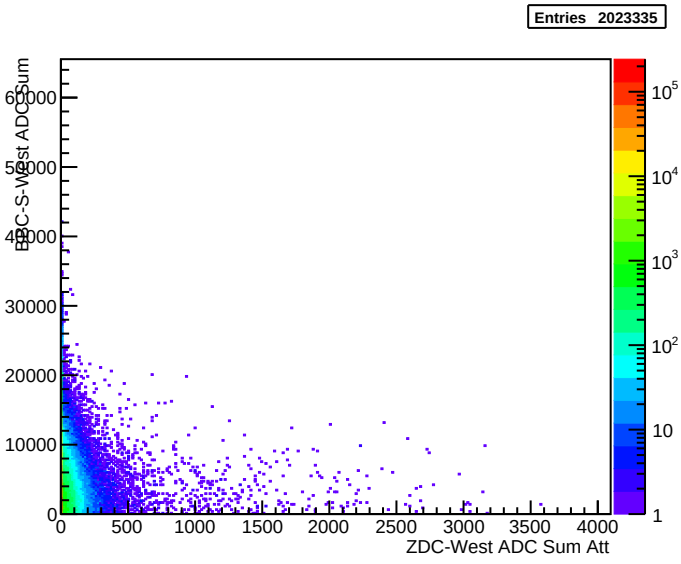

Entries 2023335
TOF Mult
VPD-East ADC Sum

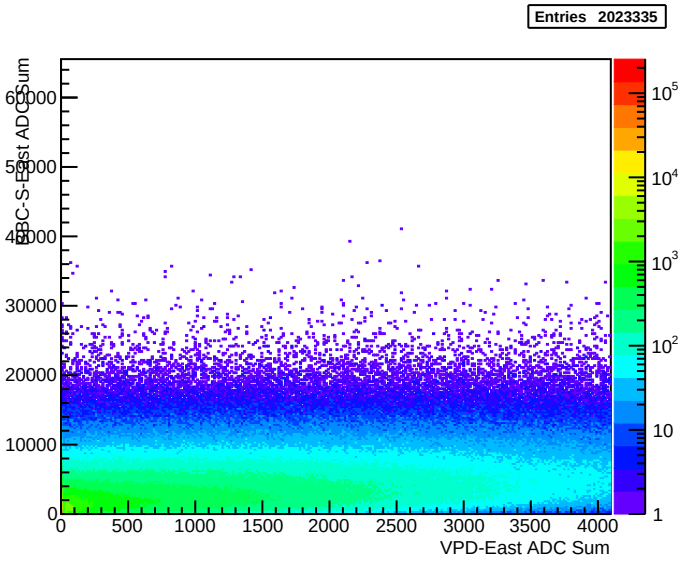

Entries 2023335
TOF Mult
VPD-West ADC Sum

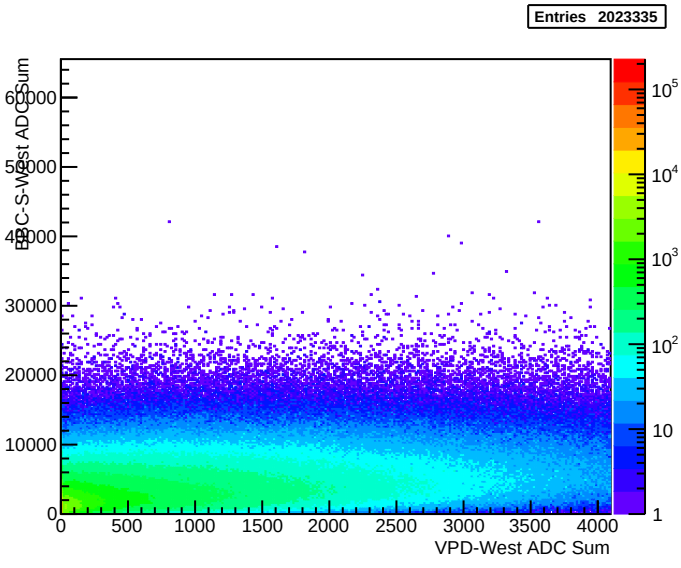

Entries 2023335
TOF Mult
ZDC-East ADC Sum Att

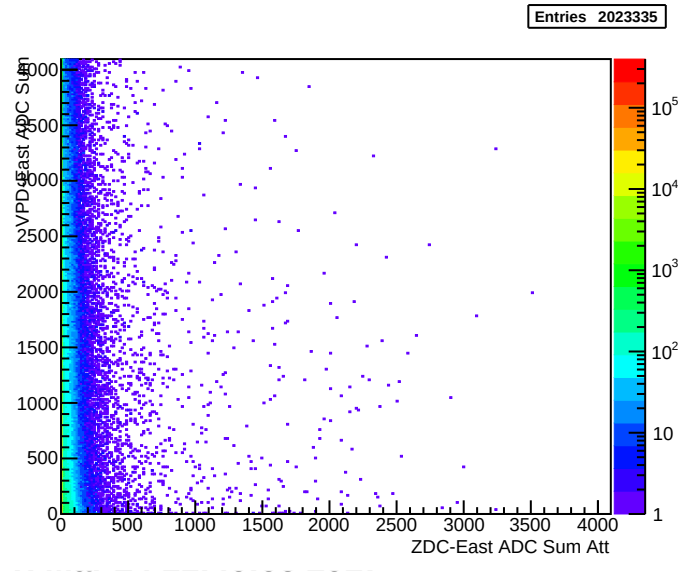

Entries 2023335
TOF Mult
ZDC-West ADC Sum Att

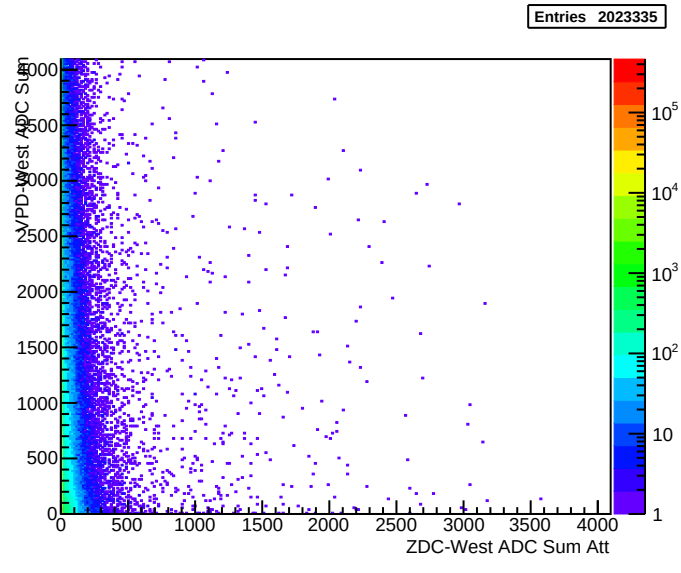

Entries 2023335
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

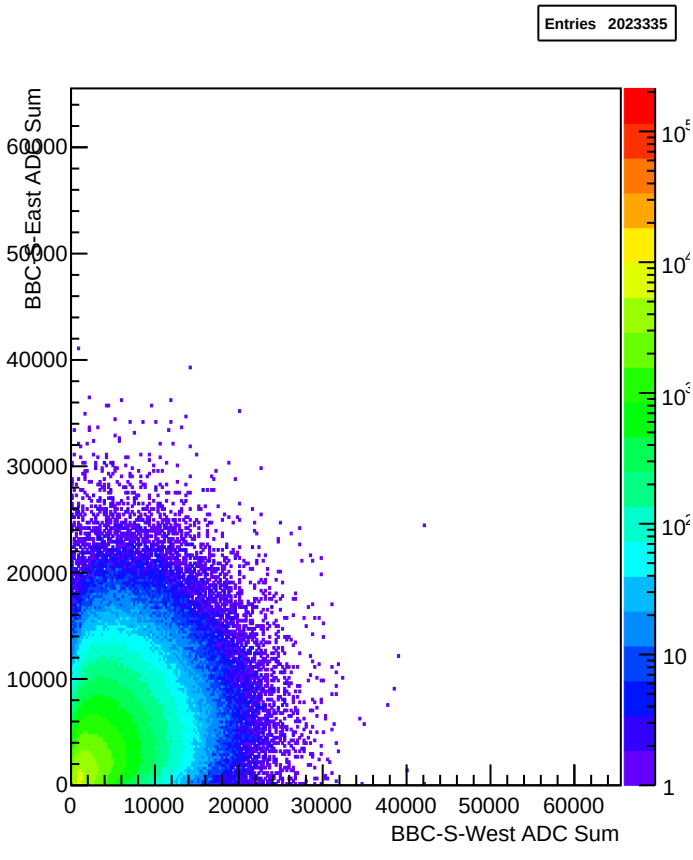

Entries 2023335
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

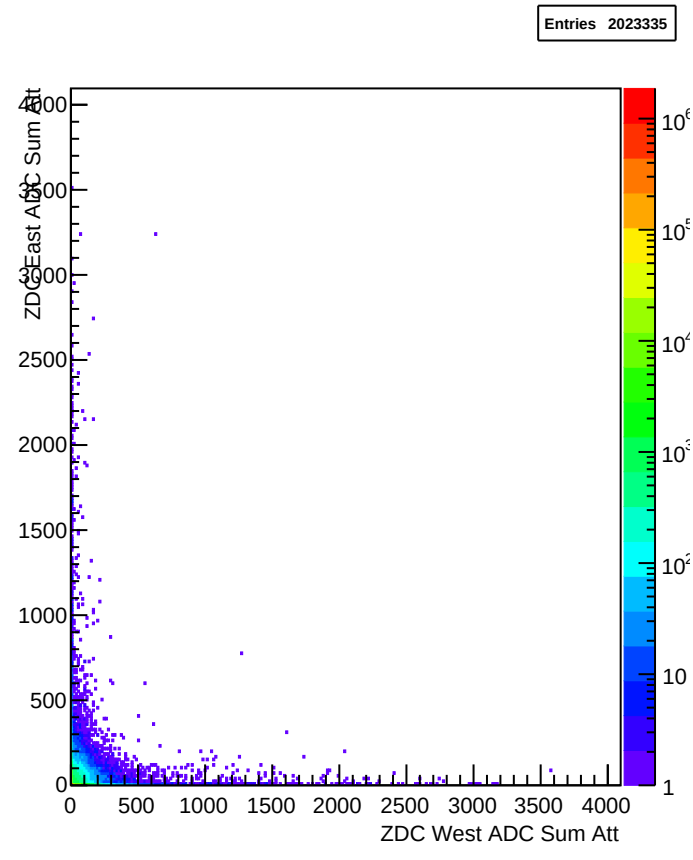

Entries 2023335
BBC-S-East ADC Sum
VPD-East ADC Sum

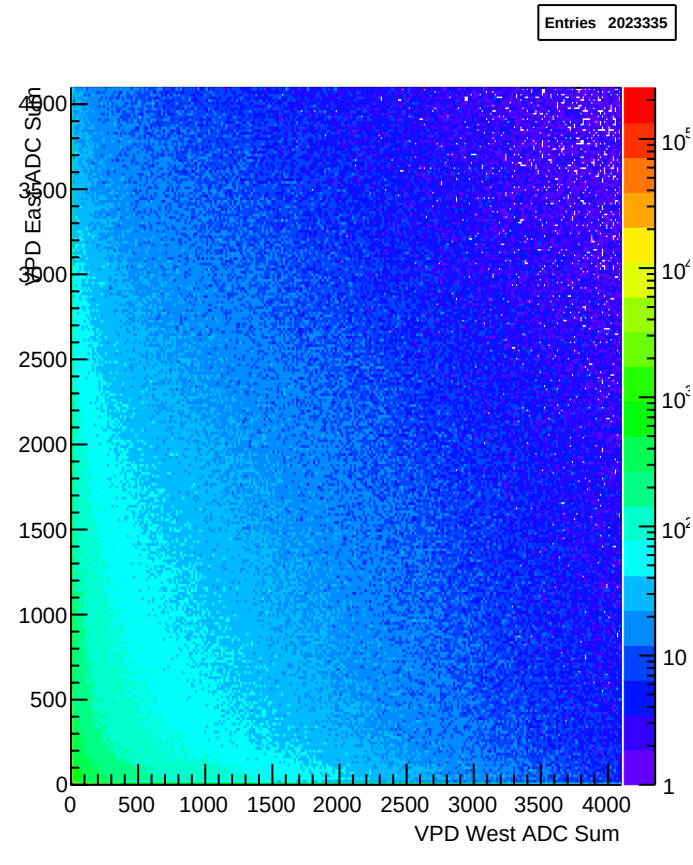

Entries 2023335
BBC-S-West ADC Sum
VPD-West ADC Sum

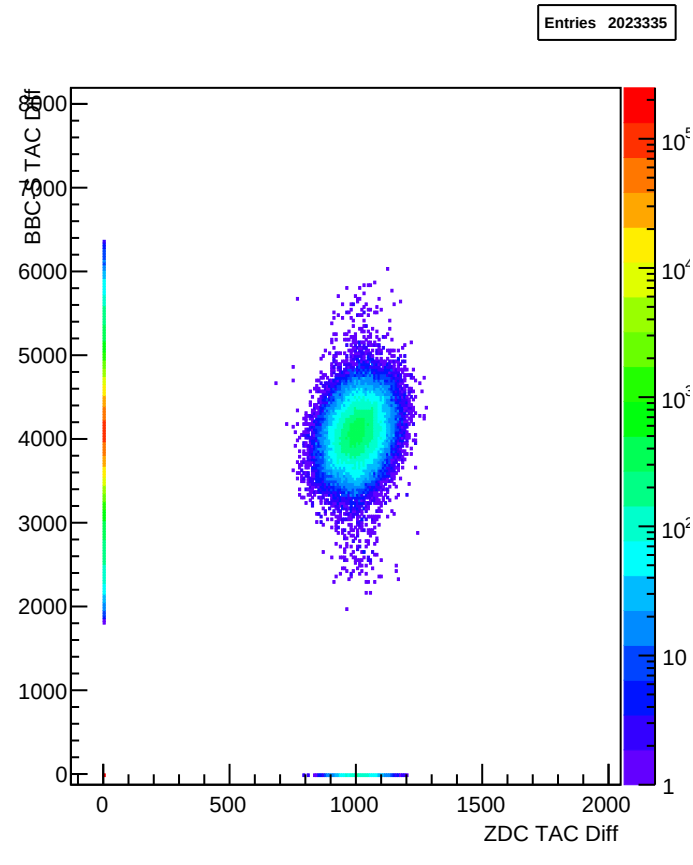

Entries 2023335
VPD-East ADC Sum
ZDC-East ADC Sum Att

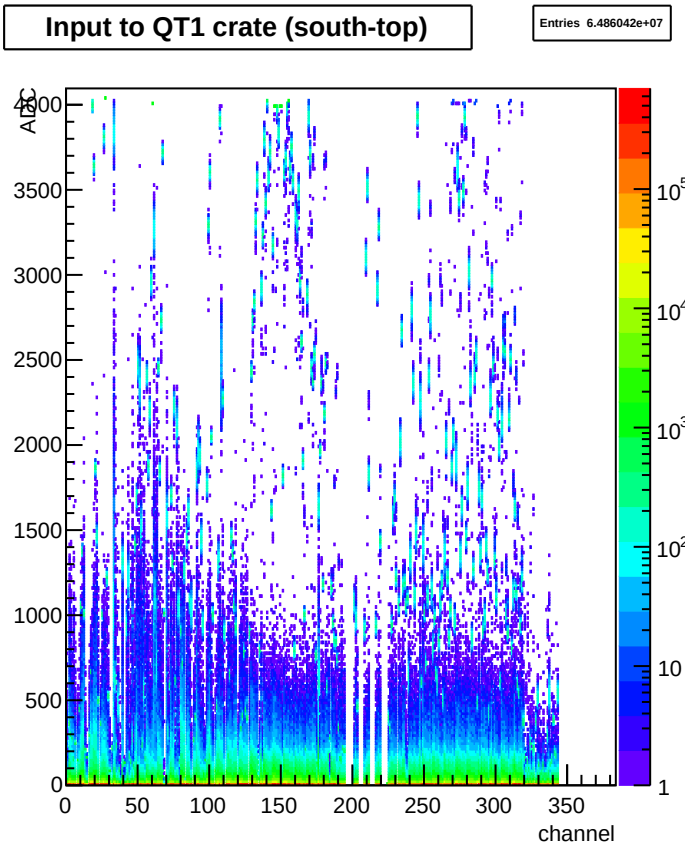

Entries 2023335
VPD-West ADC Sum
ZDC-West ADC Sum Att

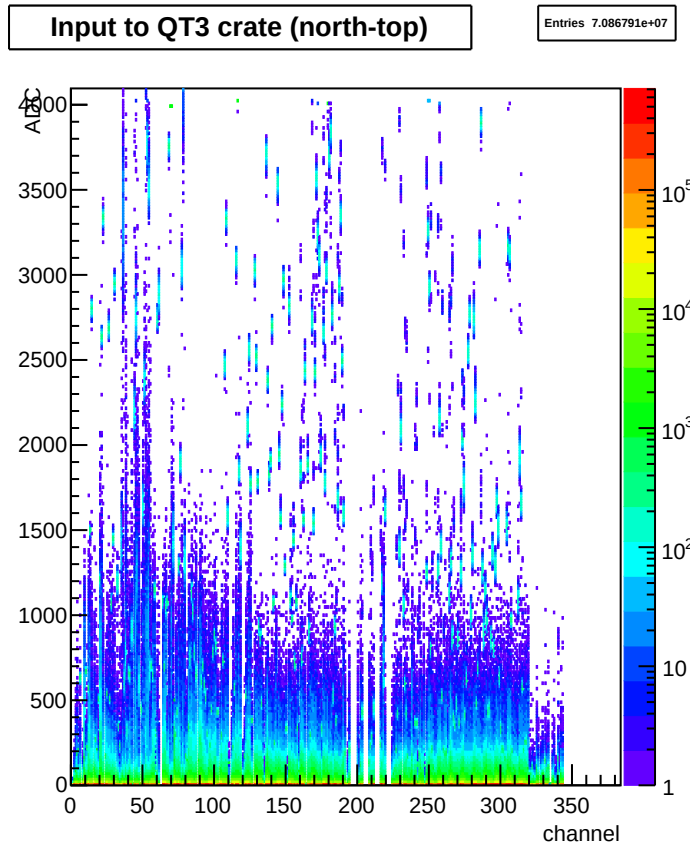

Entries 2023335
BBC-S-East ADC Sum
BBC-S-West ADC Sum

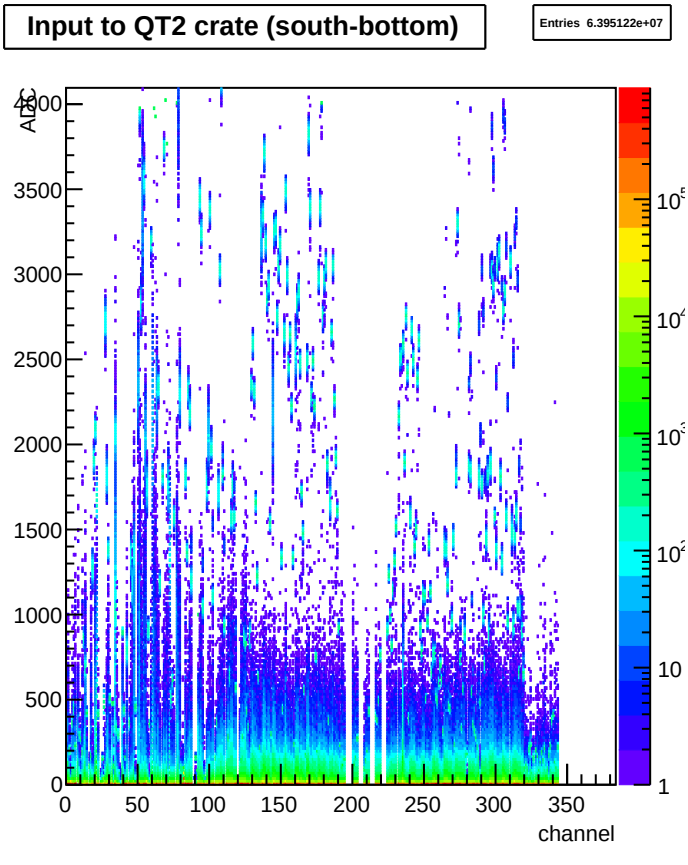

Entries 2023335
ZDC East ADC Sum Att
ZDC West ADC Sum Att

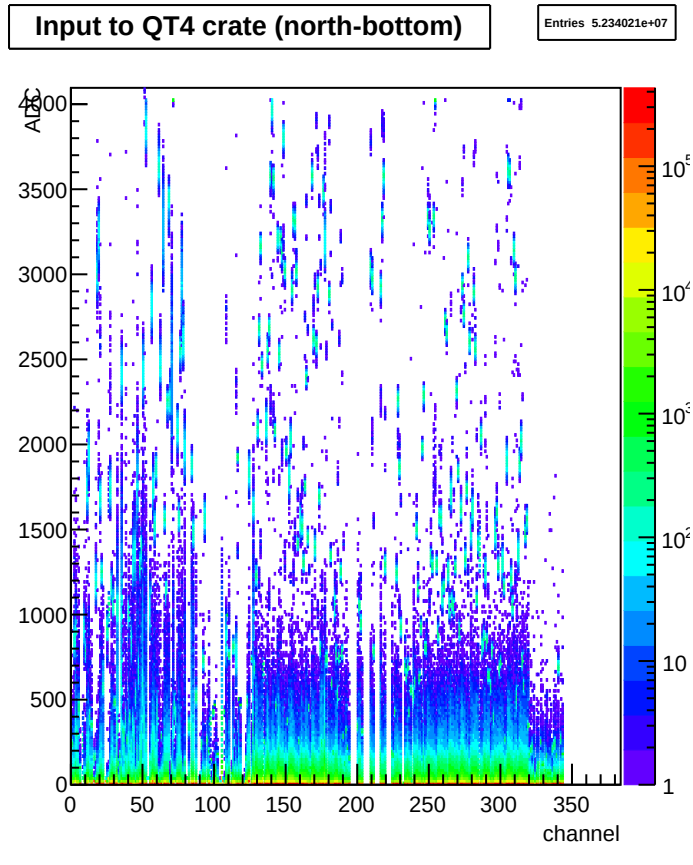

Entries 2023335
VPD East ADC Sum
VPD West ADC Sum

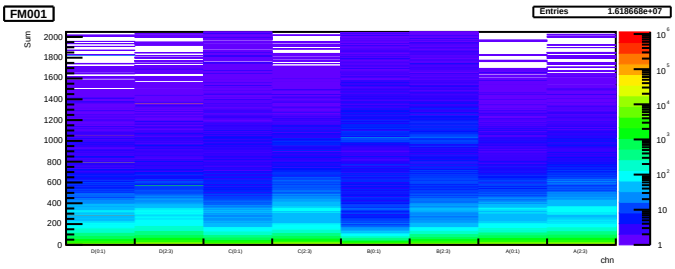

Entries 2023335
BBC-S TAC Diff
ZDC TAC Diff

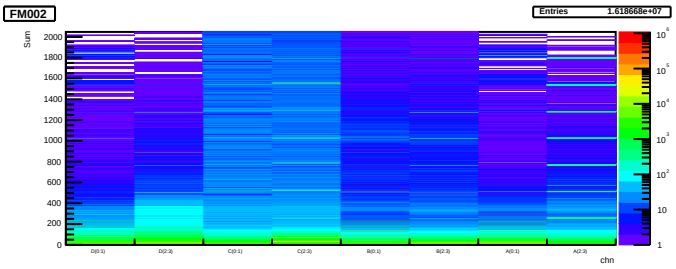

Input to QT1 crate (south-top)
Entries 6.486042e+07
ADC
channel

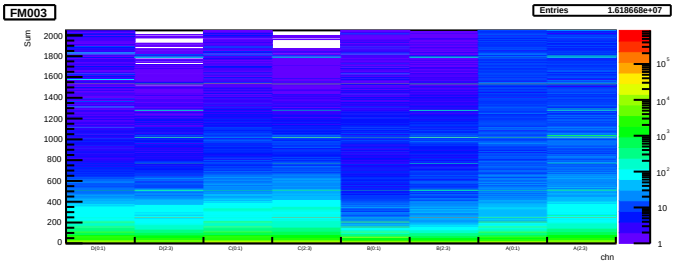

Input to QT3 crate (north-top)
Entries 7.086791e+07
ADC
channel

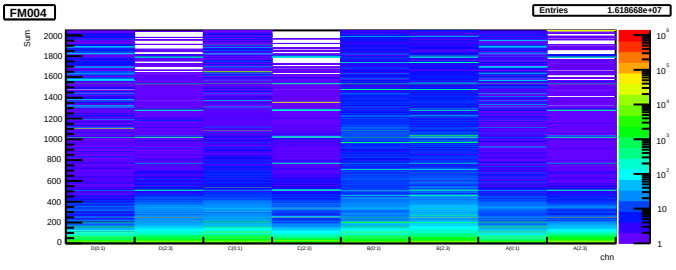

Input to QT2 crate (south-bottom)
Entries 6.395122e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 5.234021e+07
ADC
channel


FM001
Entries 1.618668e+07
Sum
chn


FM002
Entries 1.618668e+07
Sum
chn


FM003
Entries 1.618668e+07
Sum
chn


FM004
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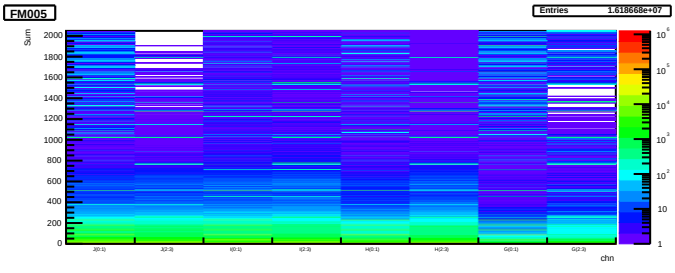
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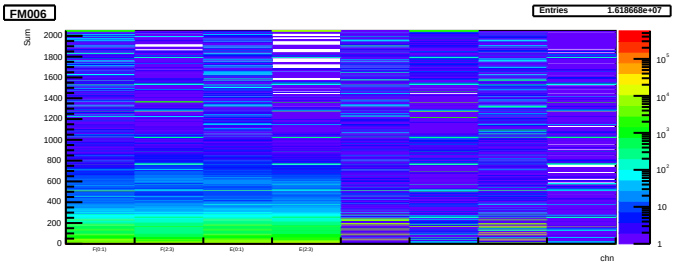
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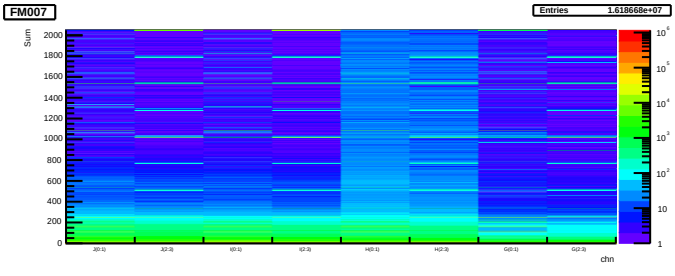
FM007
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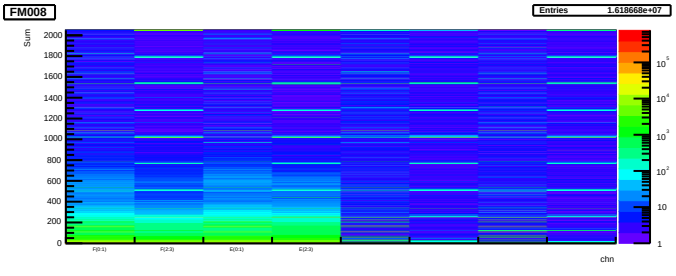
FM008
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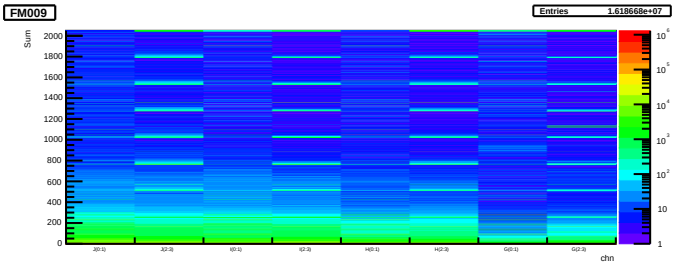
FM009
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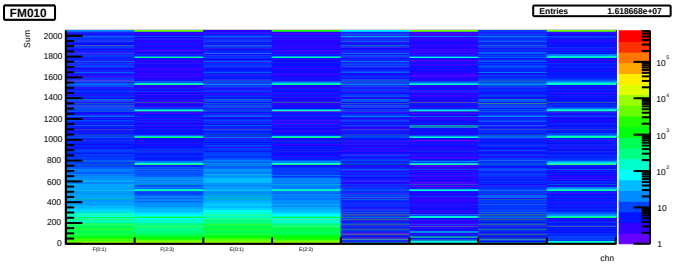
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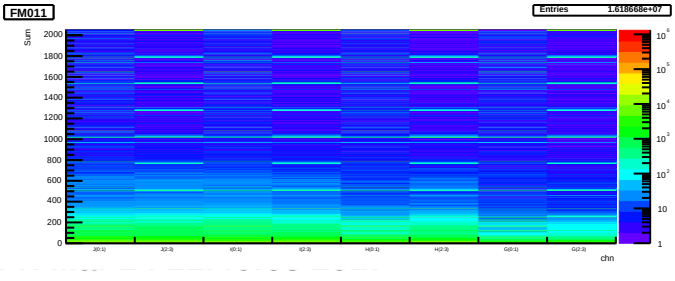
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Entries 1.618668e+07
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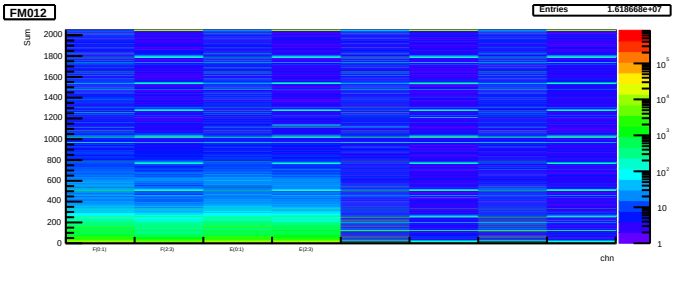
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Entries 1.618668e+07
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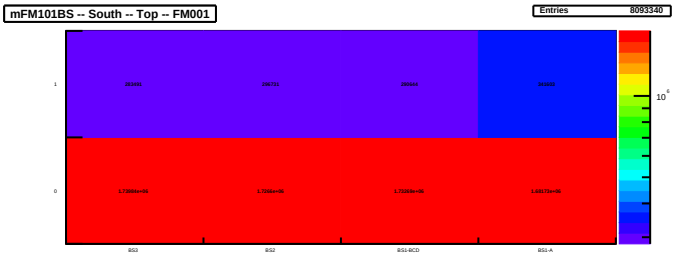
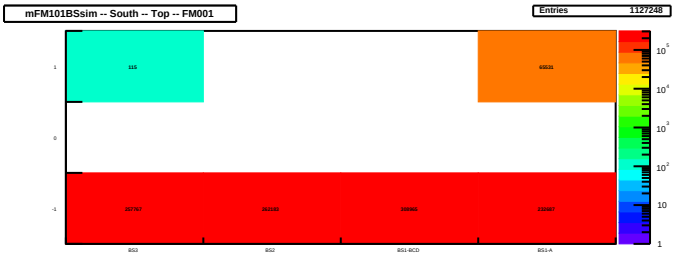

mFM101BS -- South -- Top -- FM001
Entries 8093340


mFM101BSsim -- South -- Top -- FM001
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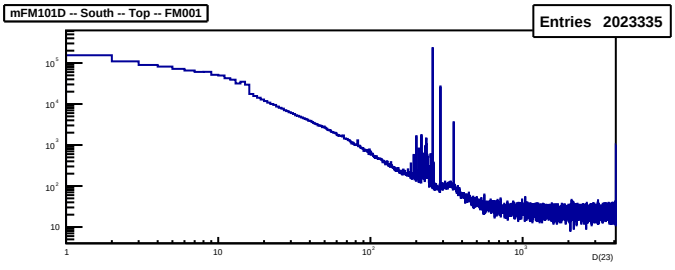
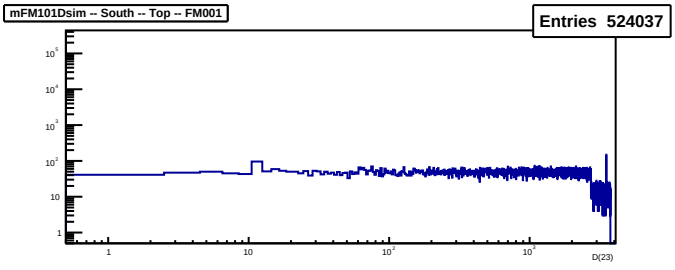
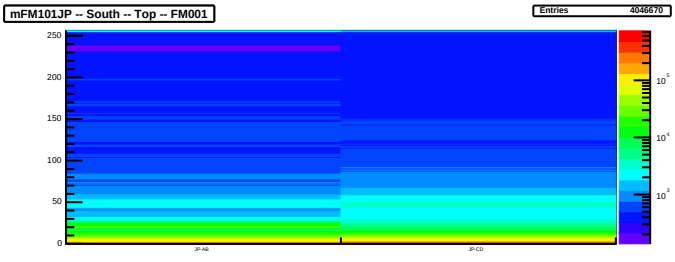
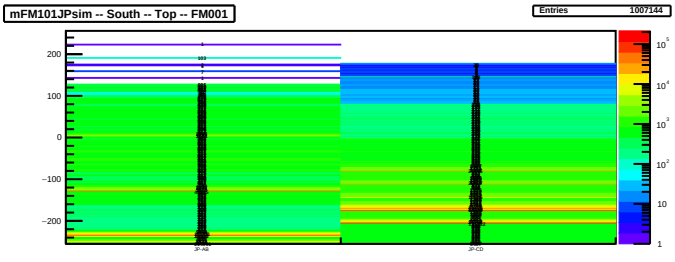

mFM101D -- South -- Top -- FM001
Entries 2023335
D(23)


mFM101Dsim -- South -- Top -- FM001
Entries 524037
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4046670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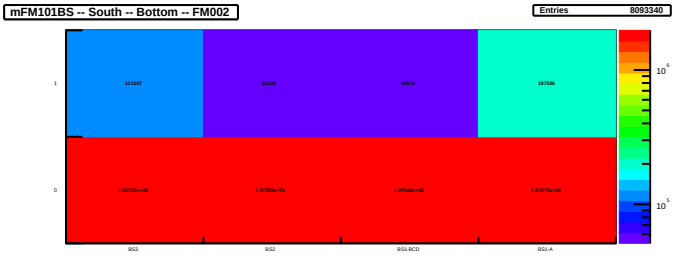
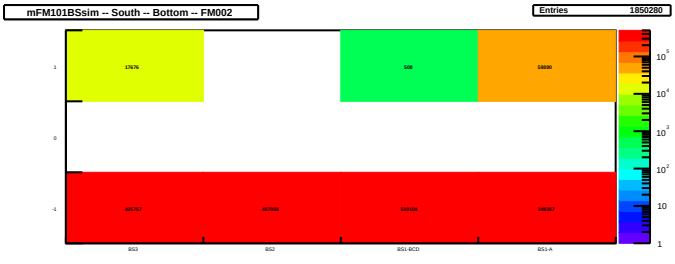

mFM101BS -- South -- Bottom -- FM002
Entries 8093340


mFM101BSsim -- South -- Bottom -- FM002
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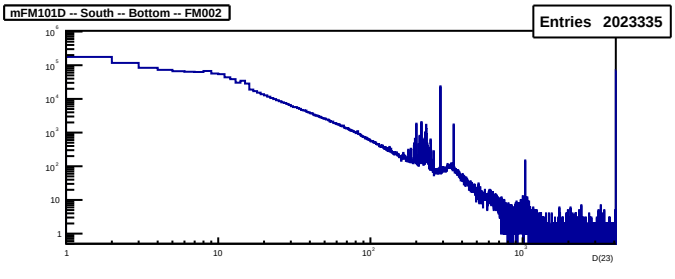
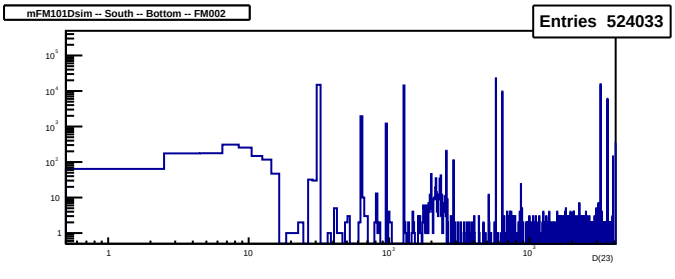

mFM101D -- South -- Bottom -- FM002
Entries 2023335
D(23)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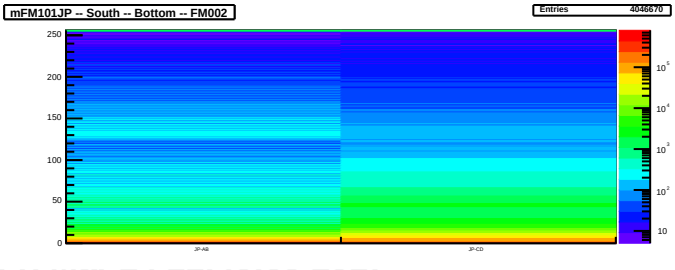
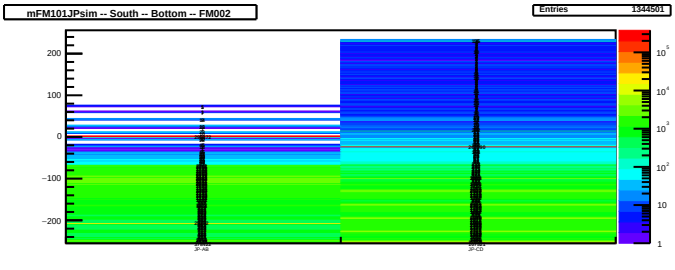
Entries 524033
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 4046670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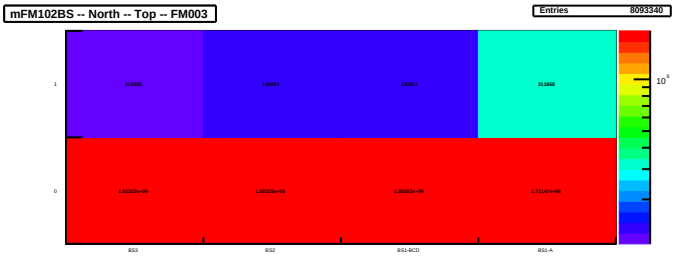
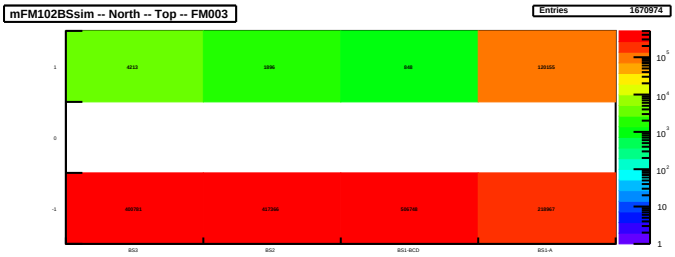

mFM102BS -- North -- Top -- FM003
Entries 8093340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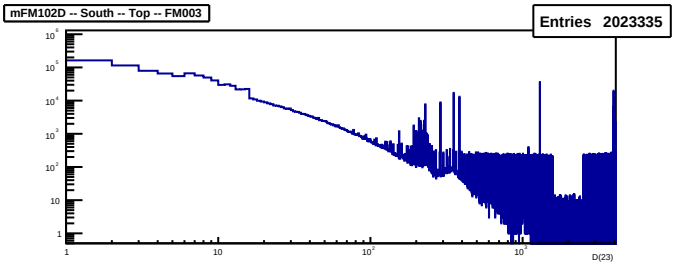
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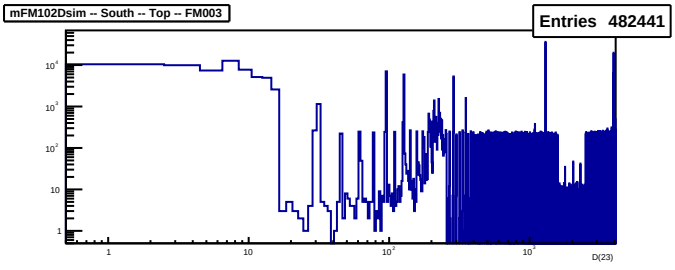
Entries 2023335
D(23)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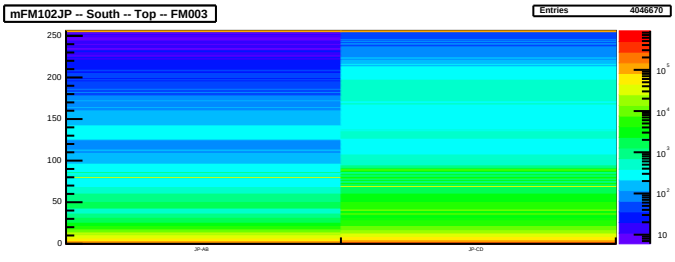
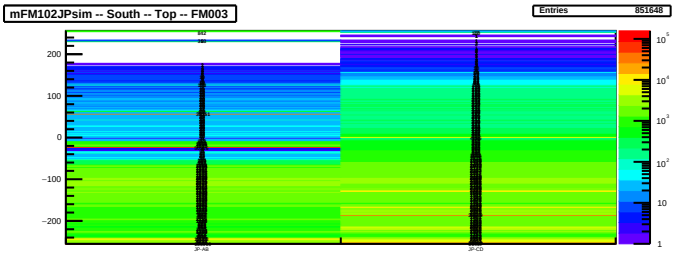
D(23)


mFM102JP -- South -- Top -- FM003
Entries 4046670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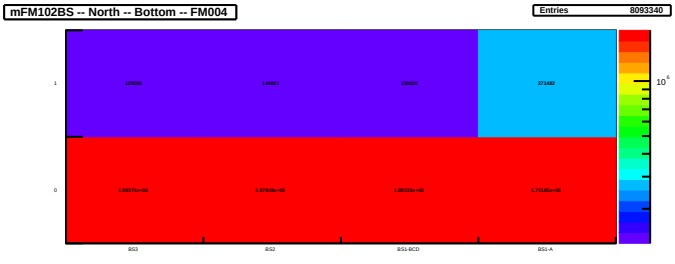
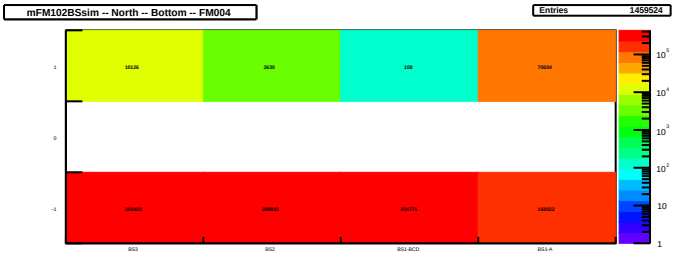

mFM102BS -- North -- Bottom -- FM004
Entries 8093340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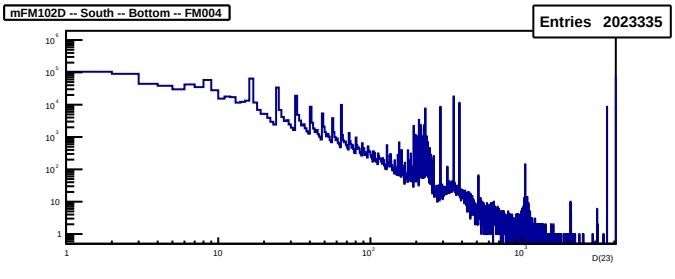
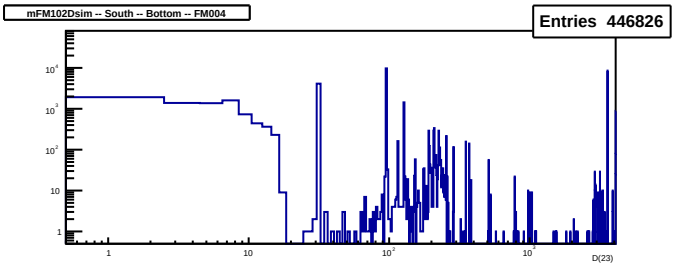
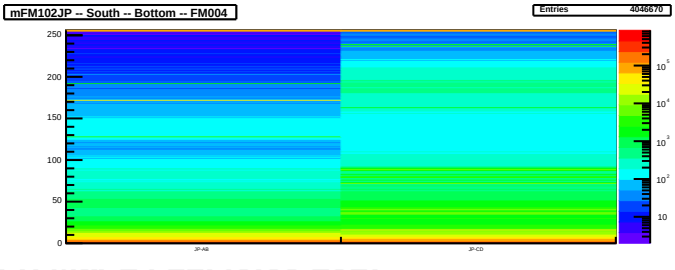
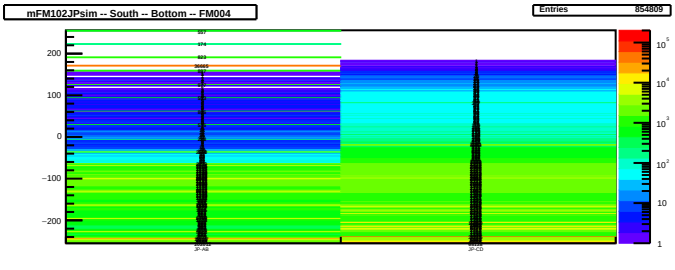
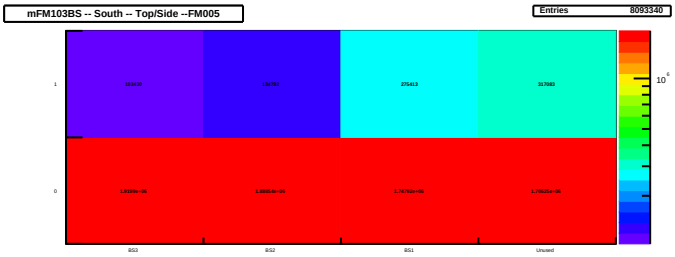
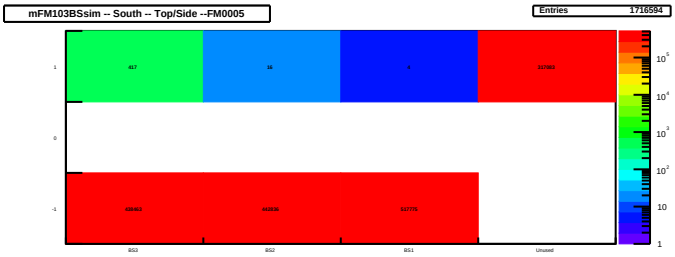

mFM102D -- South -- Bottom -- FM004
Entries 2023335
D(23)


mFM102Dsim -- South -- Bottom -- FM004
Entries 446826
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 4046670


mFM102JPsim -- South -- Bottom -- FM004
Entries 854809


mFM103BS -- South -- Top/Side --FM005
Entries 8093340
BS3
BS2
BS1
Unused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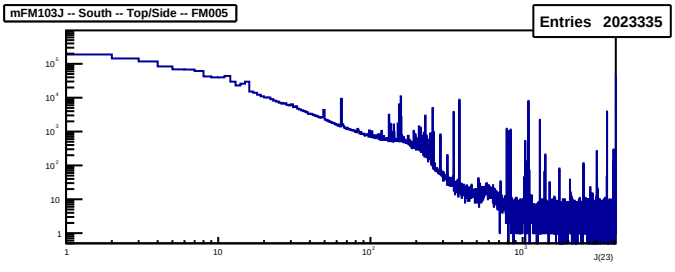
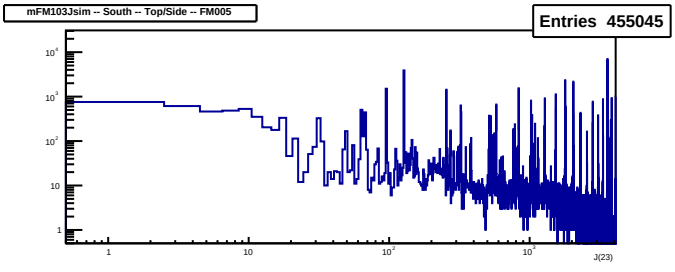
Entries 1716594
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 2023335
J(23)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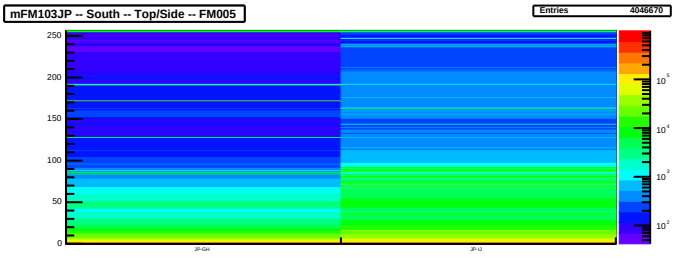
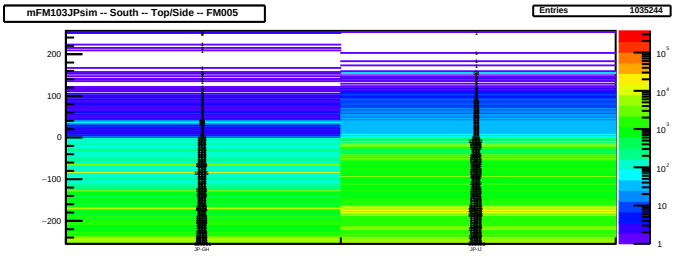
Entries 455045
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 4046670
JP-GH
JP-IJ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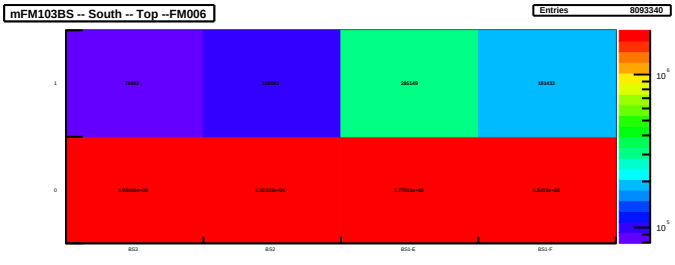
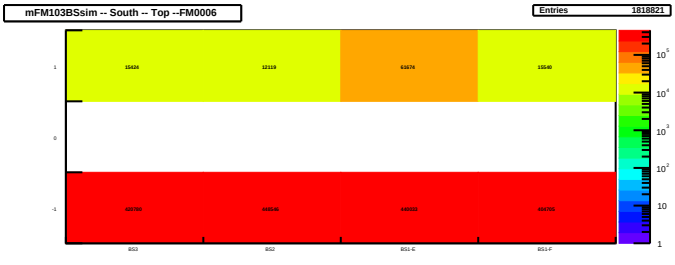
Entries 1035244
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 8093340
BS3
BS2
BS1-E
BS1-F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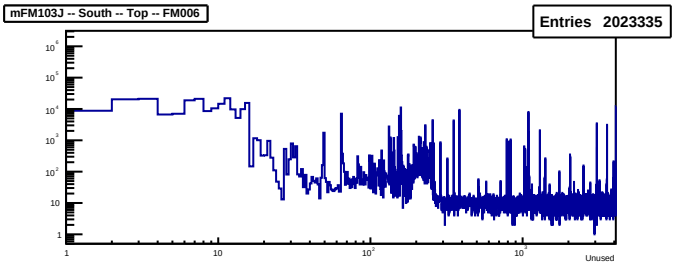
Entries 1818821
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 2023335
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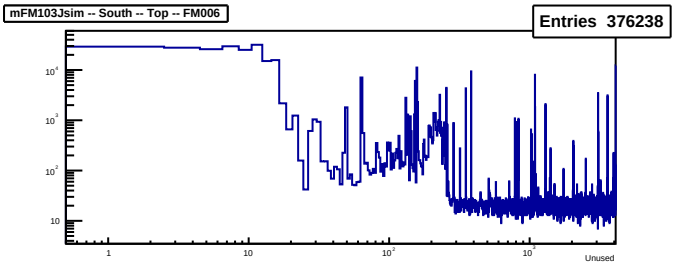
mFM103Jsim -- South -- Top -- FM006
Entries 376238
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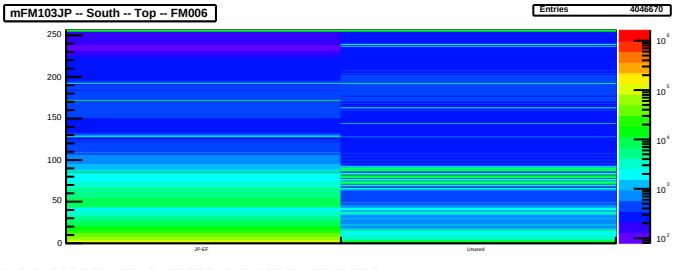
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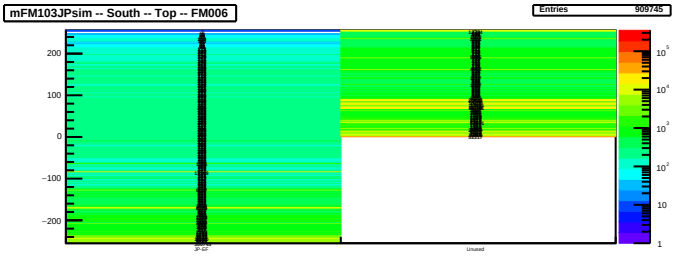
Entries 4046670
JP-EF
Unused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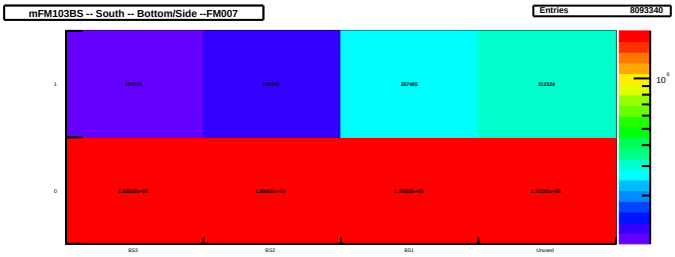
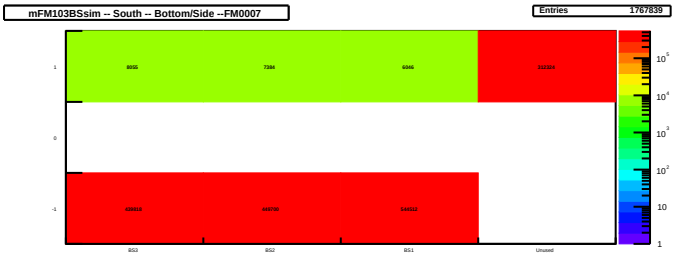
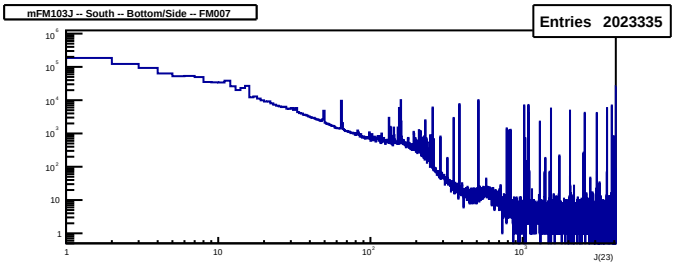
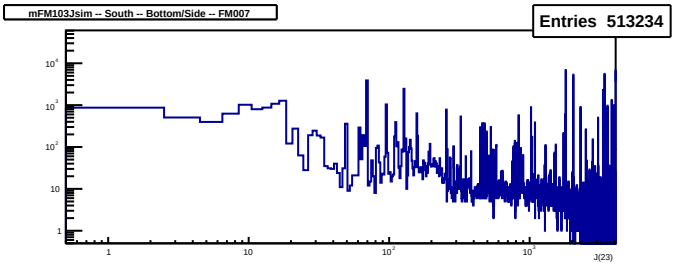
Entries 909745
JP-EF
Unused


mFM103BS -- South -- Bottom/Side --FM007
Entries 8093340


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1767839


mFM103J -- South -- Bottom/Side -- FM007
Entries 2023335
J(23)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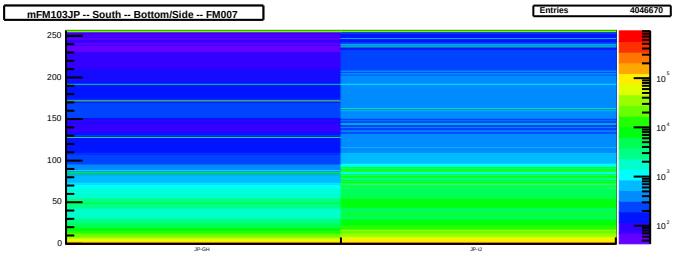
Entries 513234
J(23)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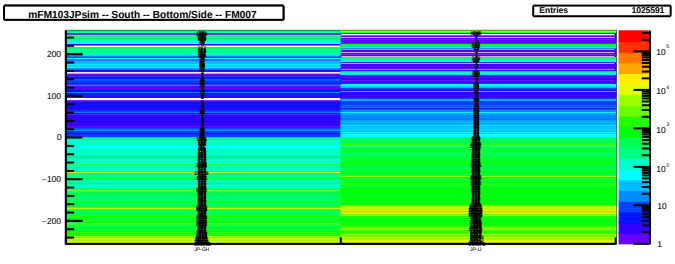
Entries 4046670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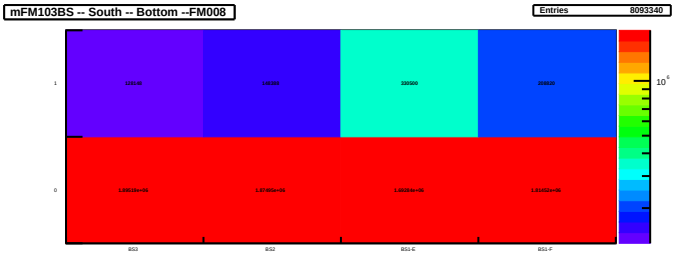
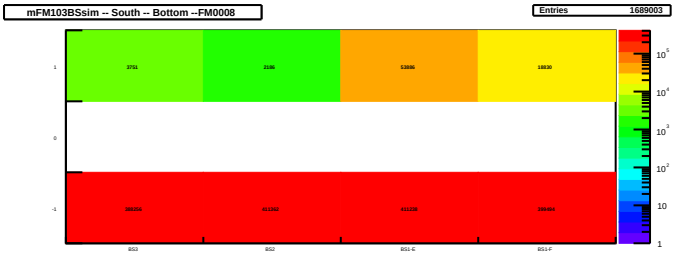
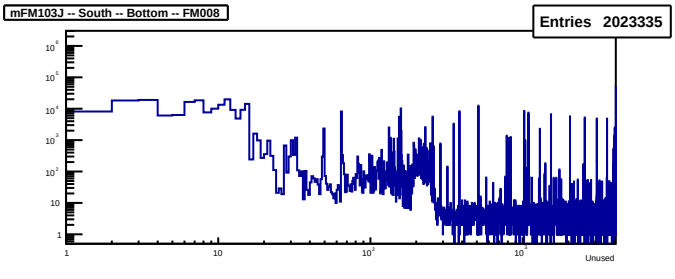
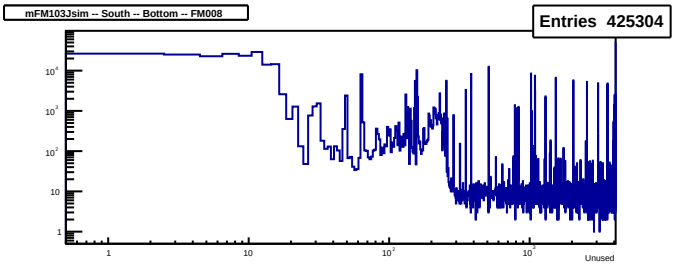
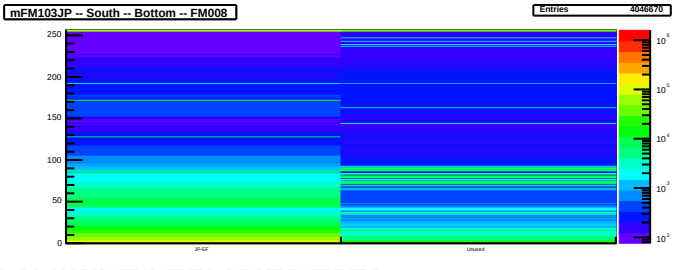
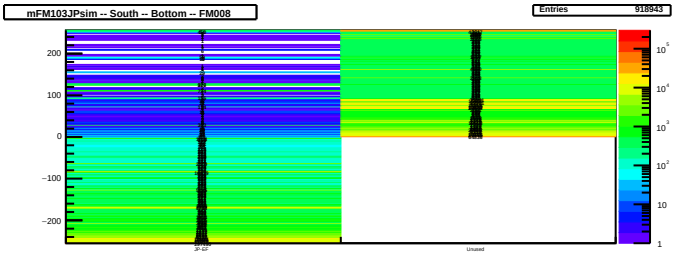

mFM103BS -- South -- Bottom --FM008
Entries 8093340

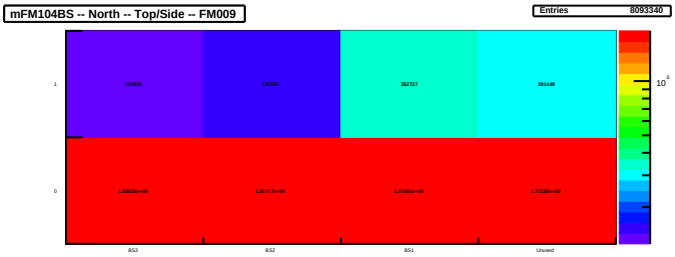

mFM103BSsim -- South -- Bottom --FM0008
Entries 1689003

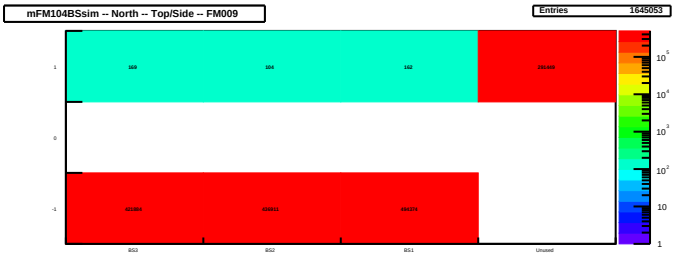

mFM103J -- South -- Bottom -- FM008
Entries 2023335
Unused

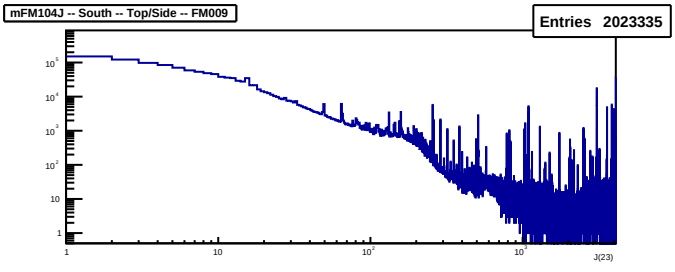

mFM103Jsim -- South -- Bottom -- FM008
Entries 425304
Unused

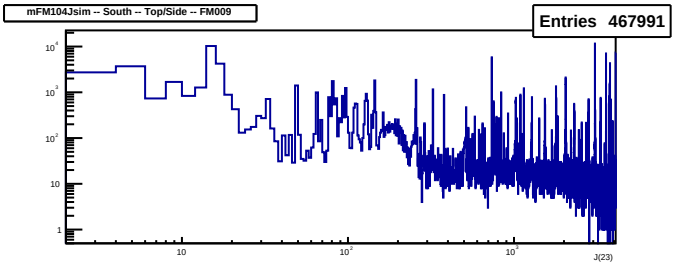

mFM103JP -- South -- Bottom -- FM008
Entries 4046670

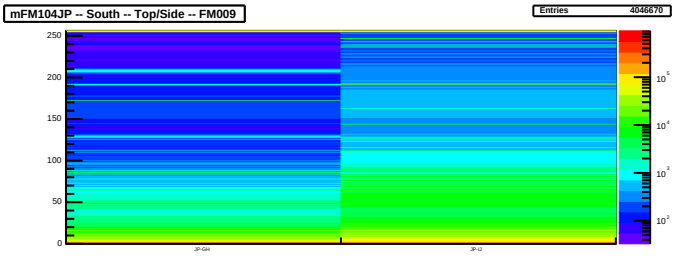

mFM103JPsim -- South -- Bottom -- FM008
Entries 918943

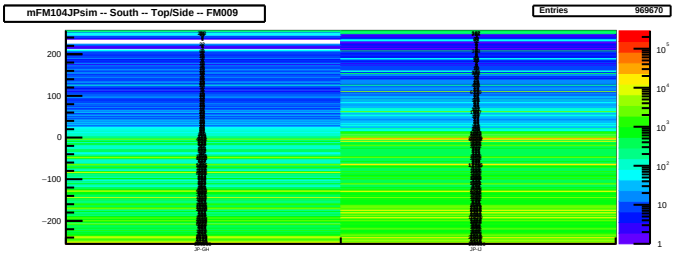

mFM104BS -- North -- Top/Side -- FM009
Entries 8093340

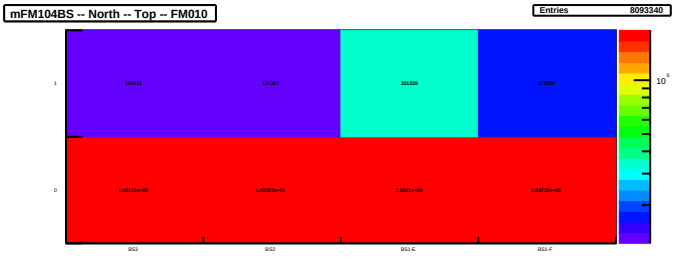

mFM104BSsim -- North -- Top/Side -- FM009
Entries 1645053

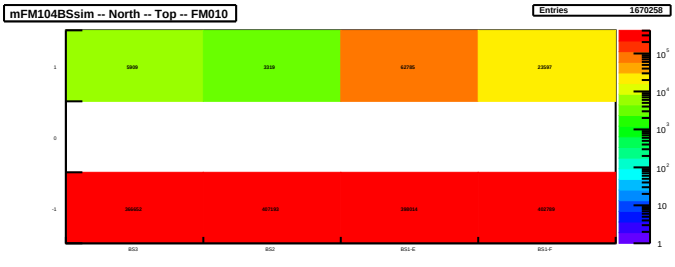

mFM104J -- South -- Top/Side -- FM009
Entries 2023335
J(23)

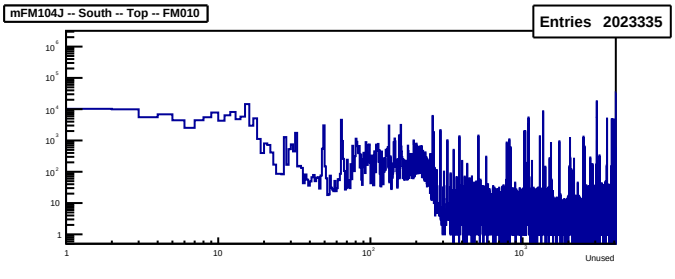

mFM104Jsim -- South -- Top/Side -- FM009
Entries 467991
J(23)

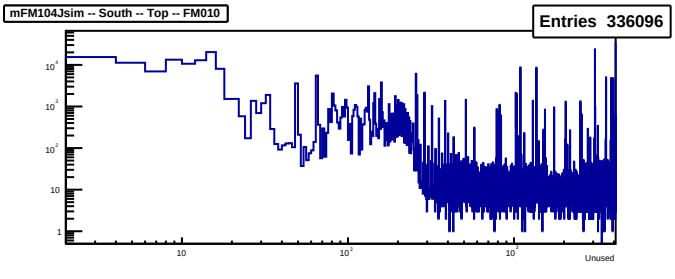

mFM104JP -- South -- Top/Side -- FM009
Entries 4046670

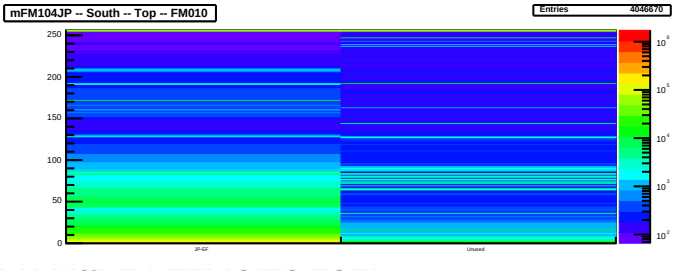

mFM104JPsim -- South -- Top/Side -- FM009
Entries 969670

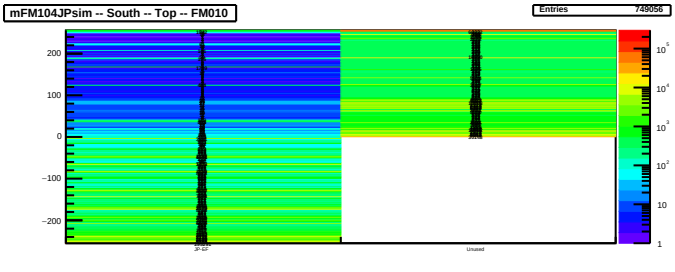

mFM104BS -- North -- Top -- FM010
Entries 8093340

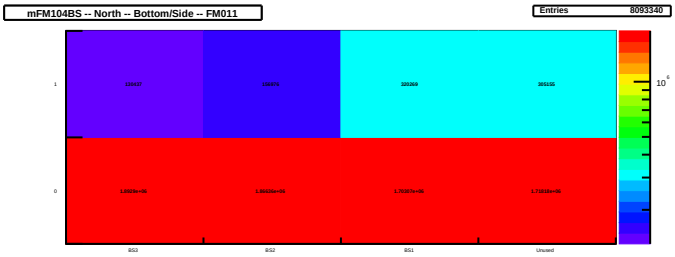

mFM104BSsim -- North -- Top -- FM010
Entries 1670258

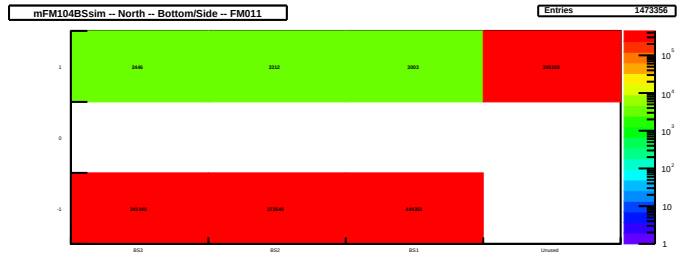

mFM104J -- South -- Top -- FM010
Entries 2023335
Unused

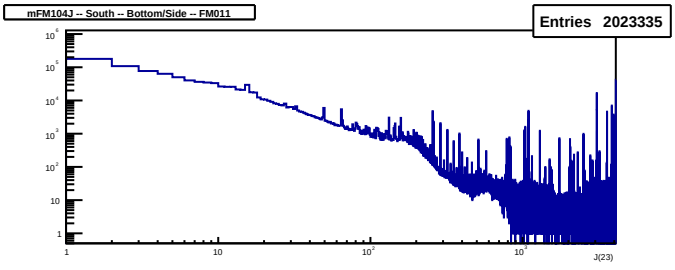

mFM104Jsim -- South -- Top -- FM010
Entries 336096
Unused

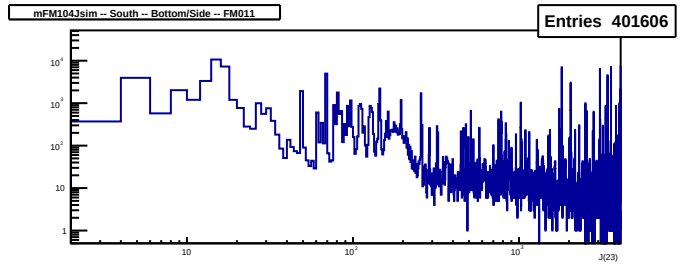

mFM104JP -- South -- Top -- FM010
Entries 4046670

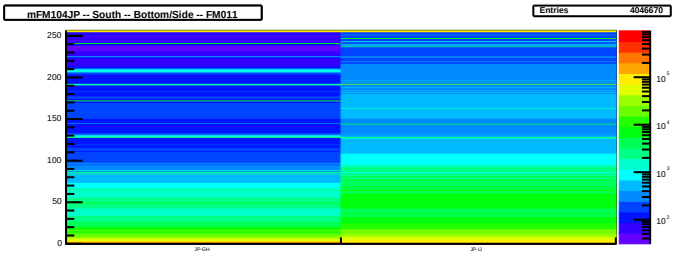

mFM104JPsim -- South -- Top -- FM010
Entries 749056

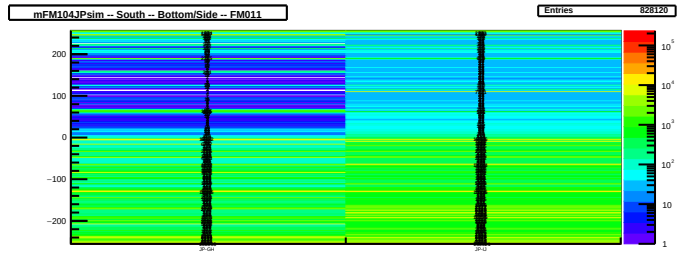

mFM104BS -- North -- Bottom/Side -- FM011
Entries 8093340


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1473356


mFM104J -- South -- Bottom/Side -- FM011
Entries 2023335
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 401606
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 4046670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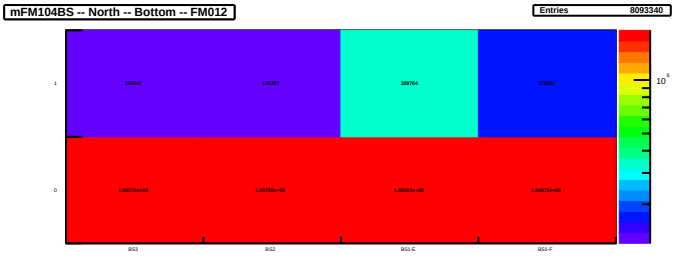
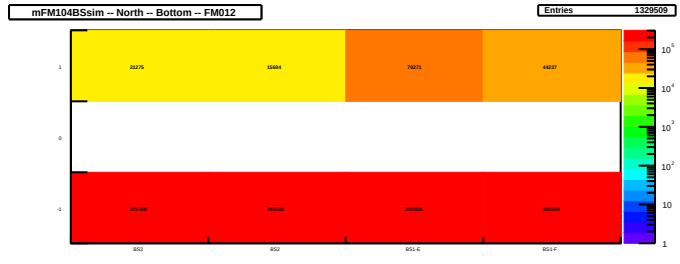
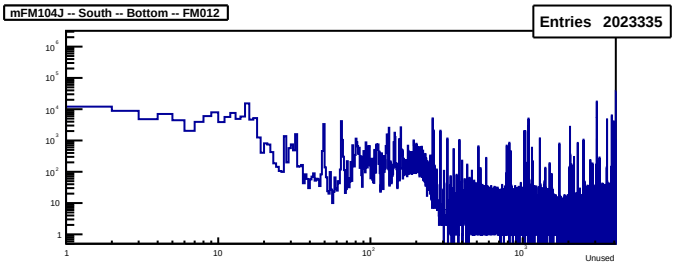
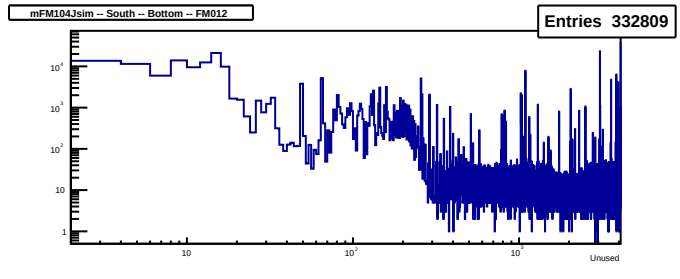
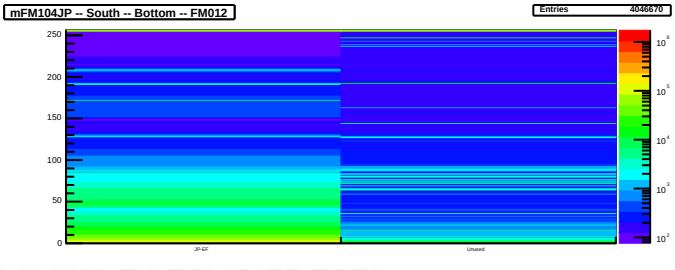
Entries 828120

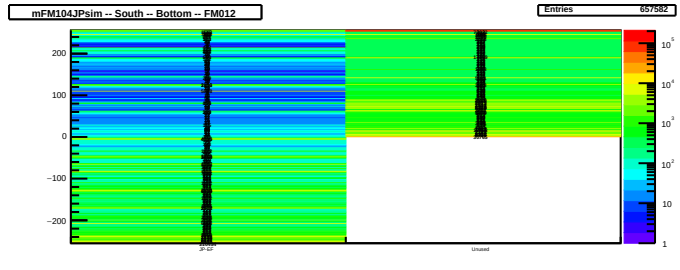

mFM104BS -- North -- Bottom -- FM012
Entries 8093340

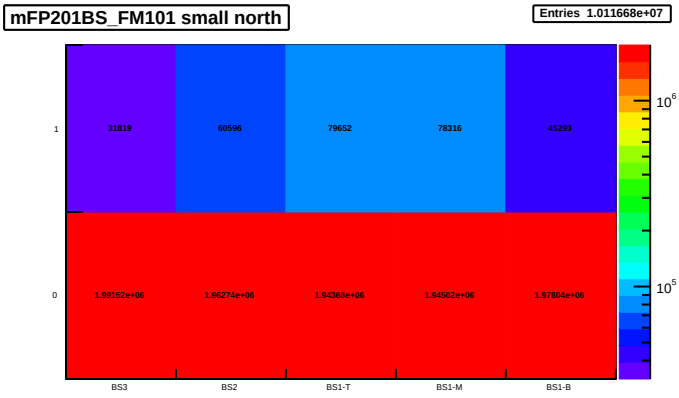

mFM104BSsim -- North -- Bottom -- FM012
Entries 1329509

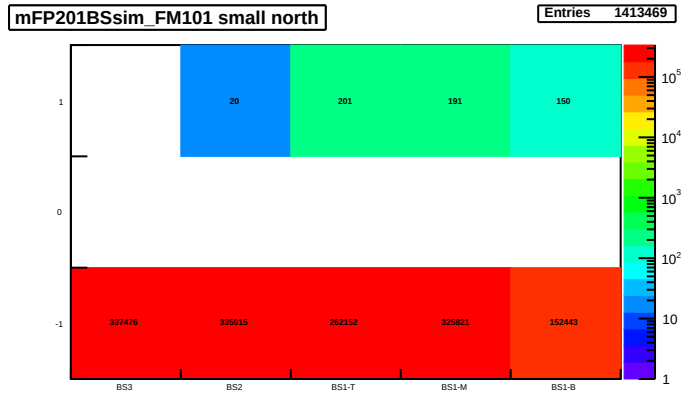

mFM104J -- South -- Bottom -- FM012
Entries 2023335
Unused

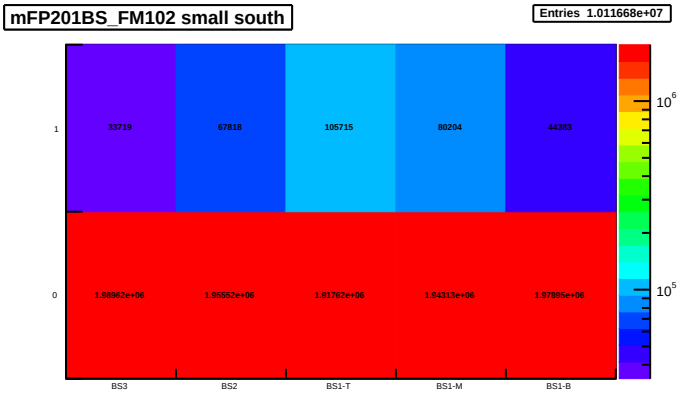

mFM104Jsim -- South -- Bottom -- FM012
Entries 332809
Unused

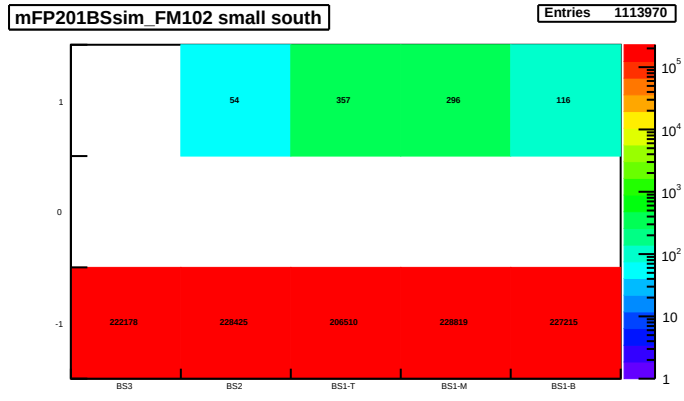

mFM104JP -- South -- Bottom -- FM012
Entries 4046670

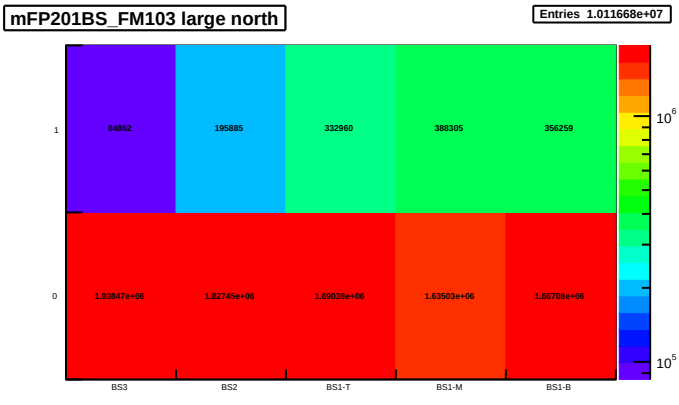

mFM104JPsim -- South -- Bottom -- FM012
Entries 657582

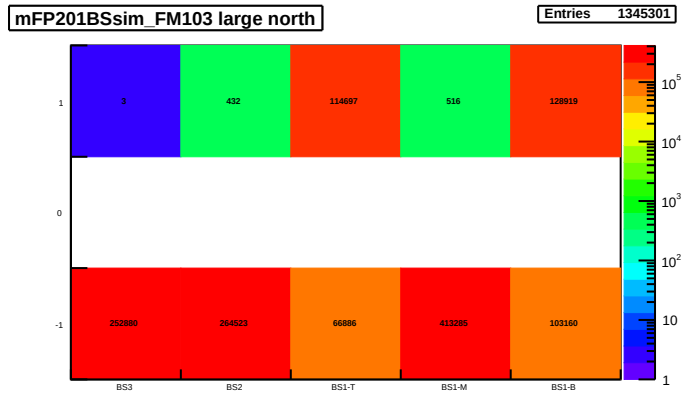

mFP201BS_FM101 small north
Entries 1.011668e+07
31819
60596
79652
78316
45293
1.99152e+06
1.96274e+06
1.94368e+06
1.94502e+06
1.97804e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

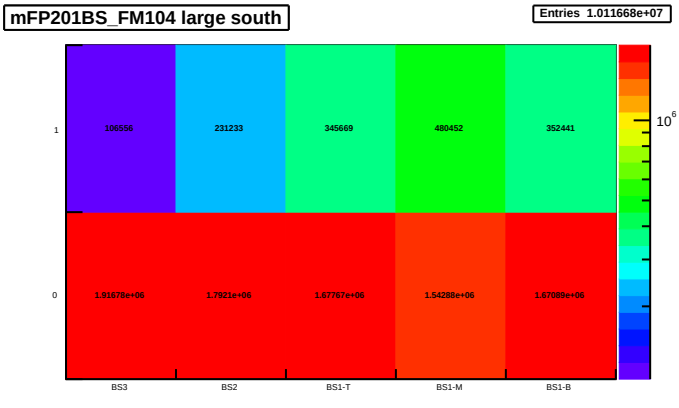

mFP201BSsim_FM101 small north
Entries 1413469
20
201
191
150
337476
335015
262152
325821
152443
BS3
BS2
BS1-T
BS1-M
BS1-B

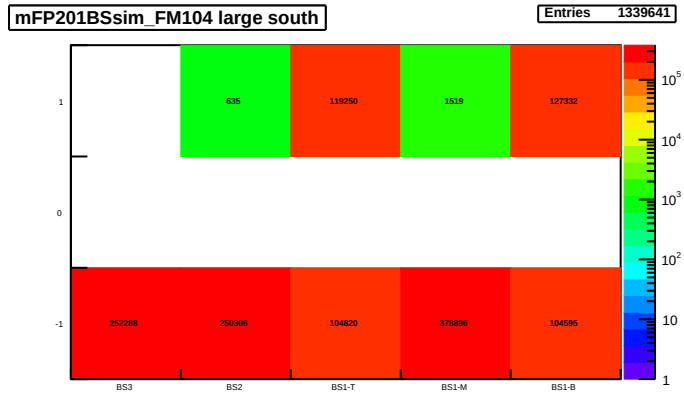

mFP201BS_FM102 small south
Entries 1.011668e+07
33719
67818
105715
80204
44383
1.98962e+06
1.95552e+06
1.91762e+06
1.94313e+06
1.97895e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

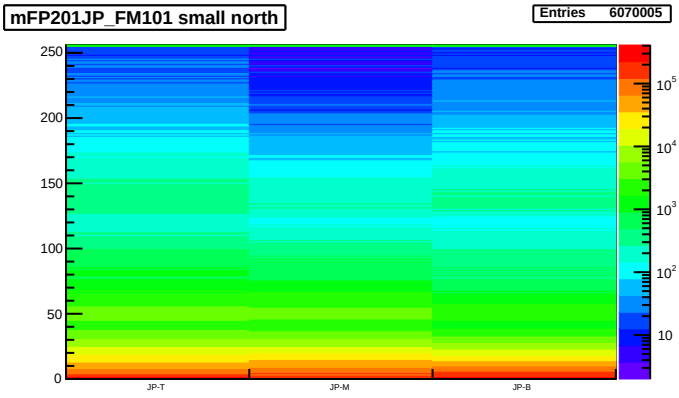

mFP201BSsim_FM102 small south
Entries 1113970
54
357
296
116
222178
228425
206510
228819
227215
BS3
BS2
BS1-T
BS1-M
BS1-B

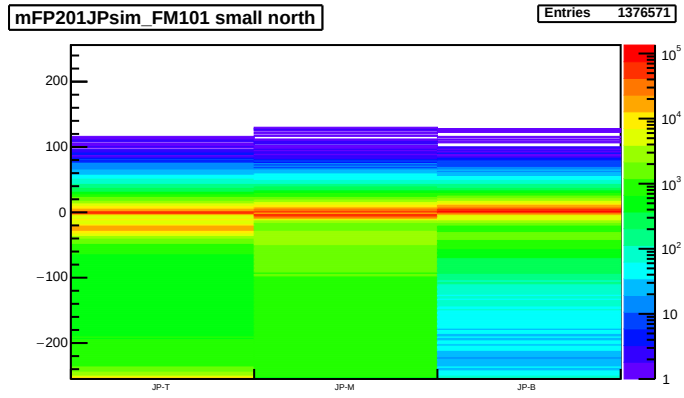

mFP201BS_FM103 large north
Entries 1.011668e+07
84862
195885
332960
388305
356259
1.93847e+06
1.82745e+06
1.69038e+06
1.63503e+06
1.66708e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

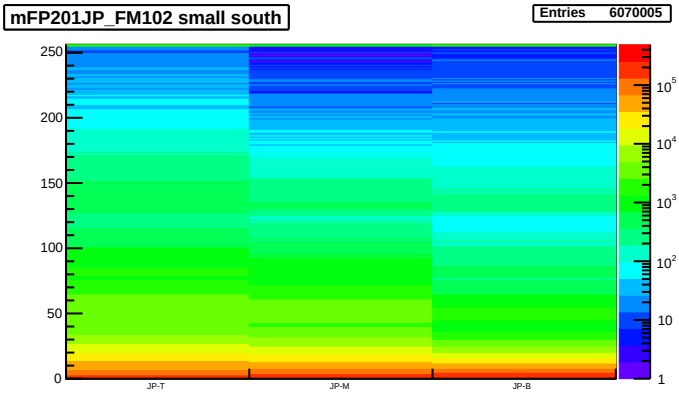

mFP201BSsim_FM103 large north
Entries 1345301
3
432
114697
516
128919
252880
264523
66886
413285
103160
BS3
BS2
BS1-T
BS1-M
BS1-B

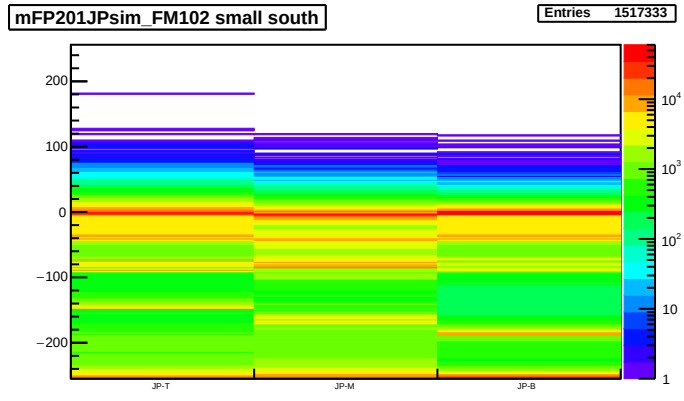

mFP201BS_FM104 large south
Entries 1.011668e+07
106556
231233
345669
480452
352441
1.91678e+06
1.7921e+06
1.67767e+06
1.54288e+06
1.67089e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

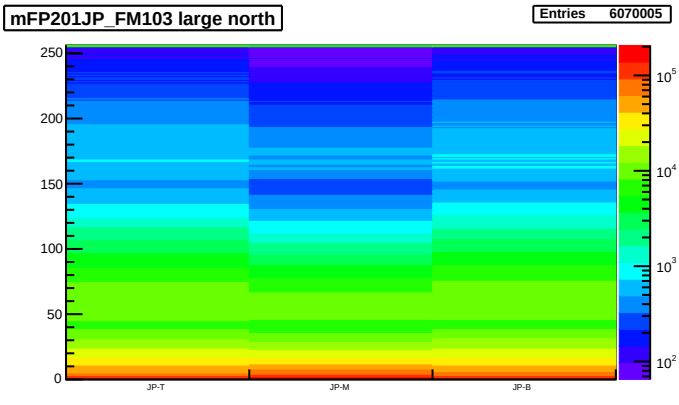

mFP201BSsim_FM104 large south
Entries 1339641
635
119250
1519
127332
252288
250306
104820
378896
104595
BS3
BS2
BS1-T
BS1-M
BS1-B

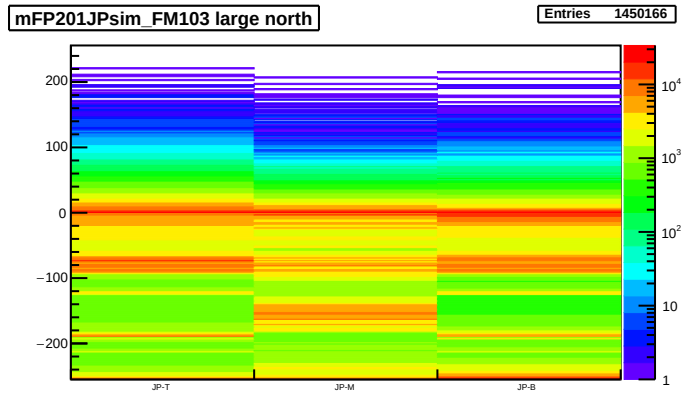

mFP201JP_FM101 small north
Entries 6070005
JP-T
JP-M
JP-B

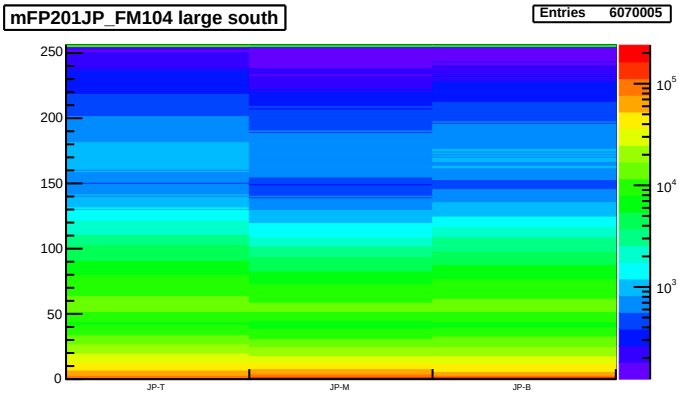

mFP201JPsim_FM101 small north
Entries 1376571
JP-T
JP-M
JP-B

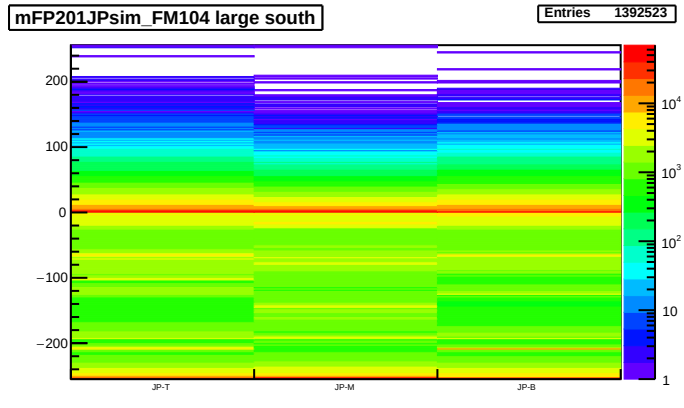

mFP201JP_FM102 small south
Entries 6070005
JP-T
JP-M
JP-B

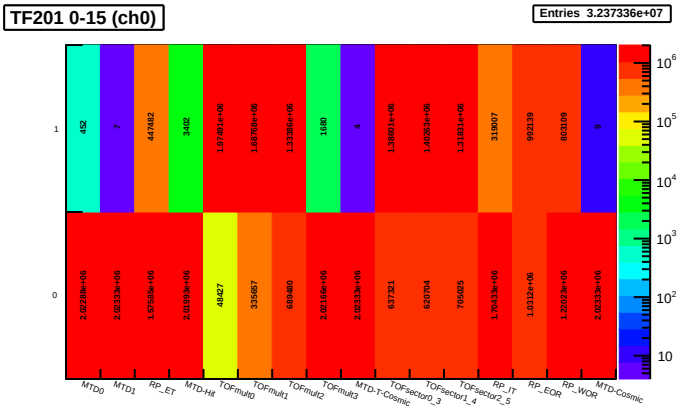

mFP201JPsim_FM102 small south
Entries 1517333
JP-T
JP-M
JP-B

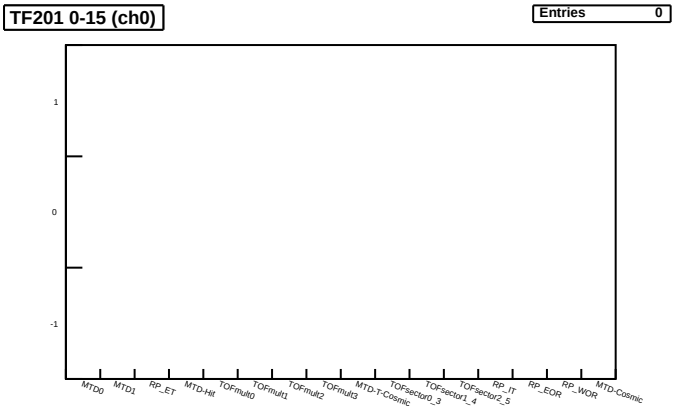

mFP201JP_FM103 large north
Entries 6070005
JP-T
JP-M
JP-B

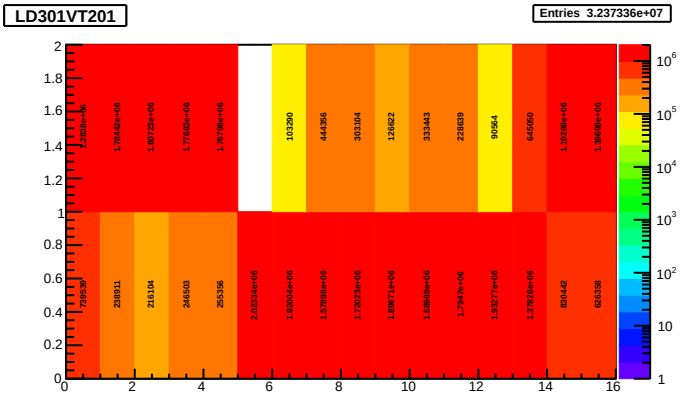

mFP201JPsim_FM103 large north
Entries 1450166
JP-T
JP-M
JP-B

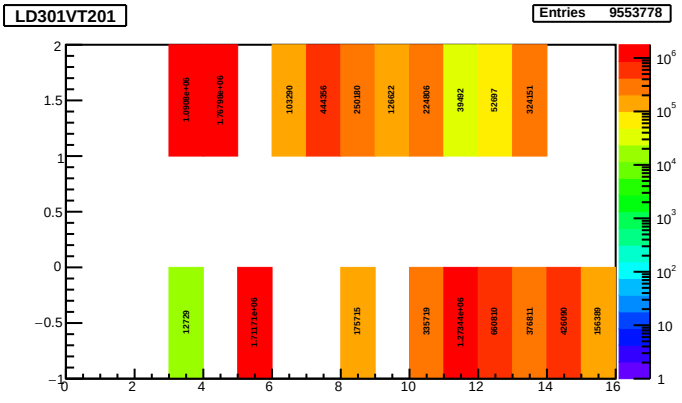

mFP201JP_FM104 large south
Entries 6070005
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 1392523
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 3.237336e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 3.237336e+07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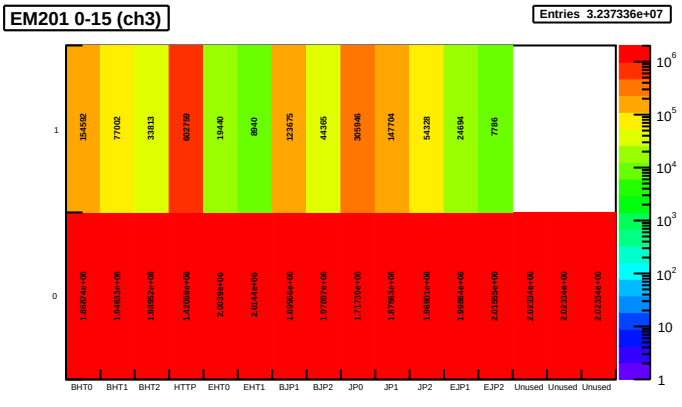
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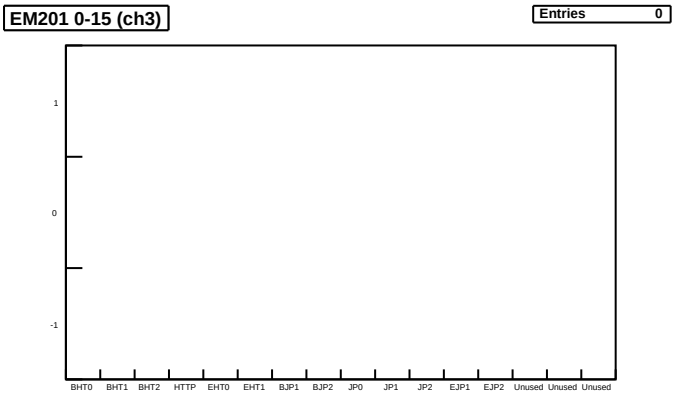
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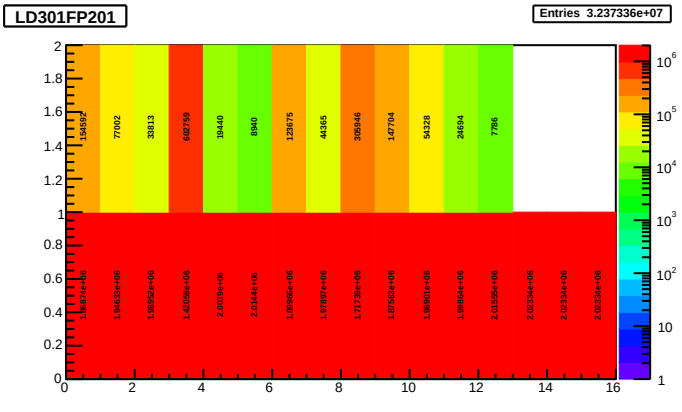
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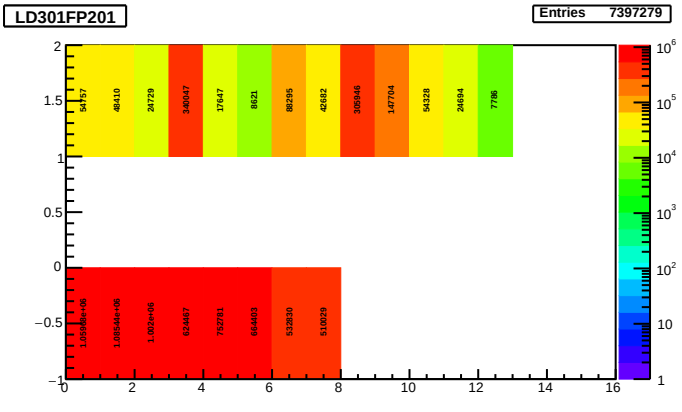
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