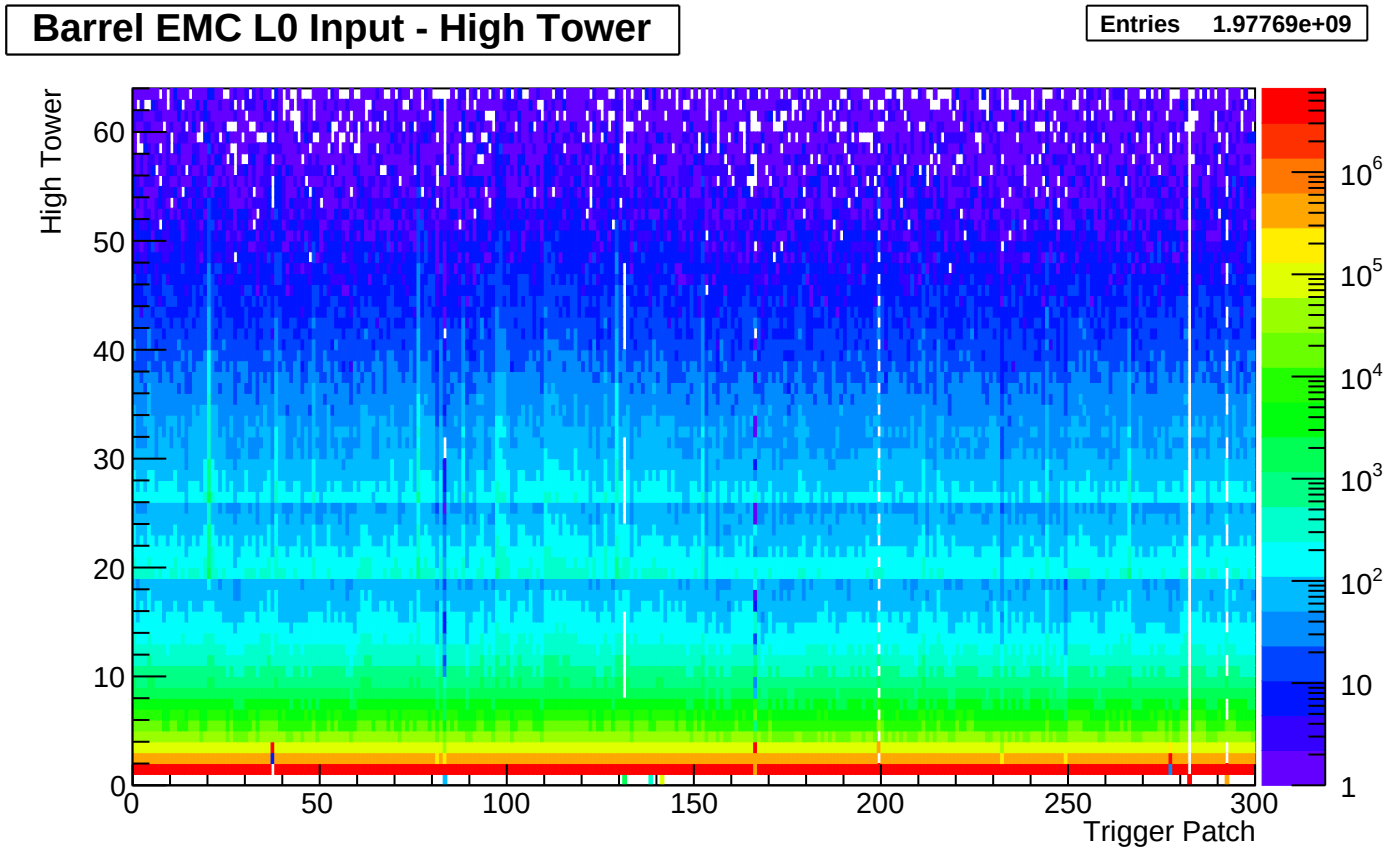
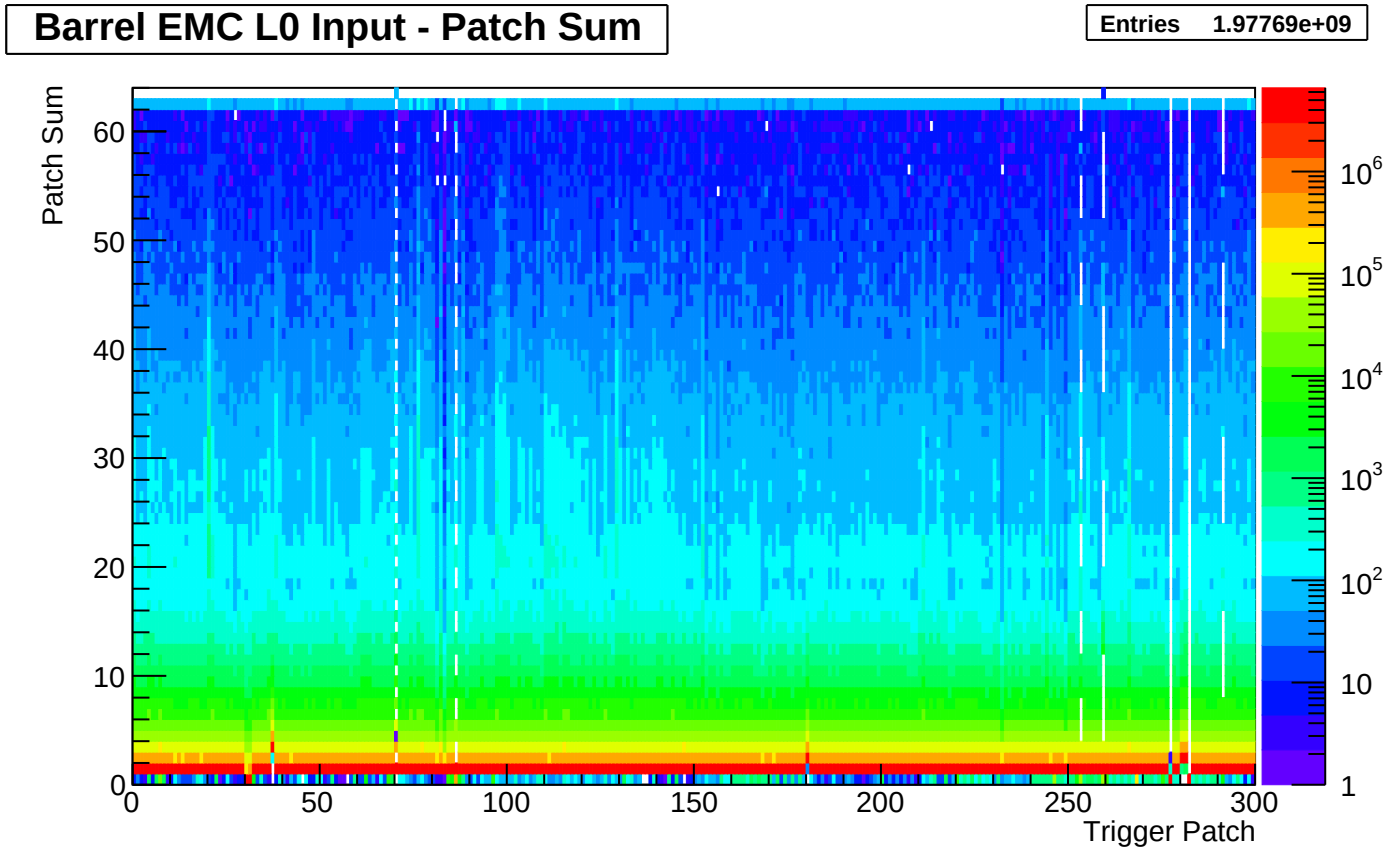
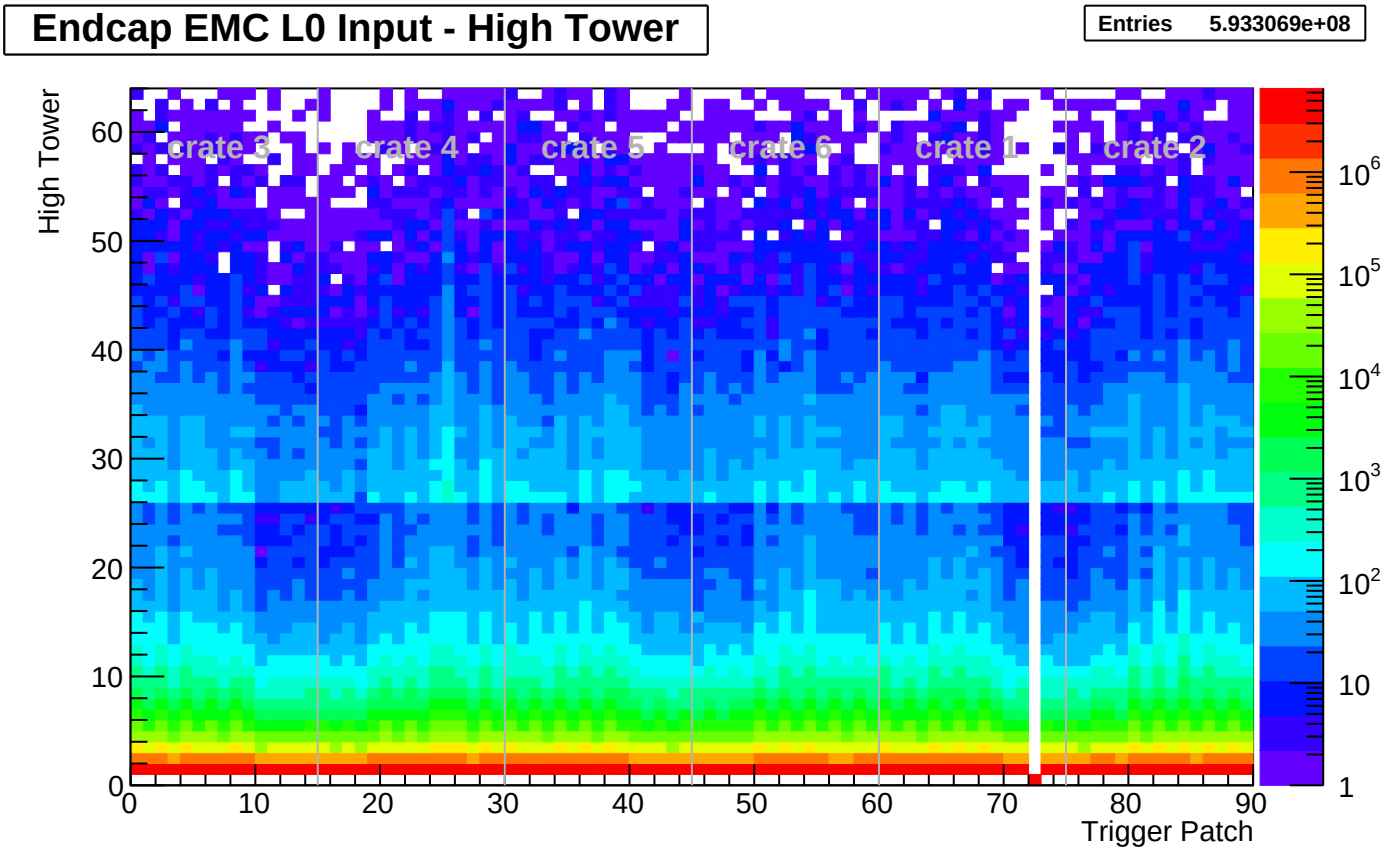
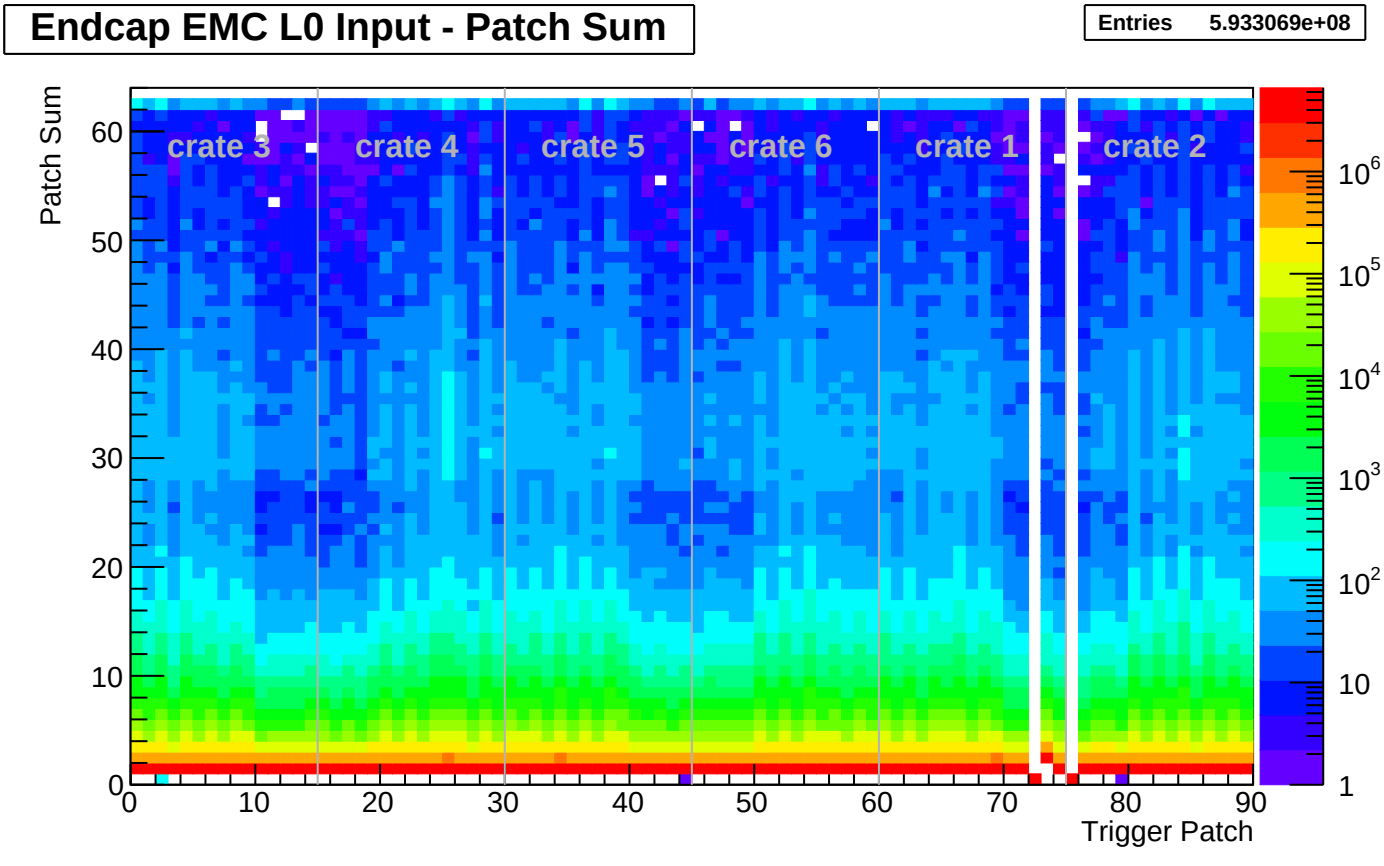
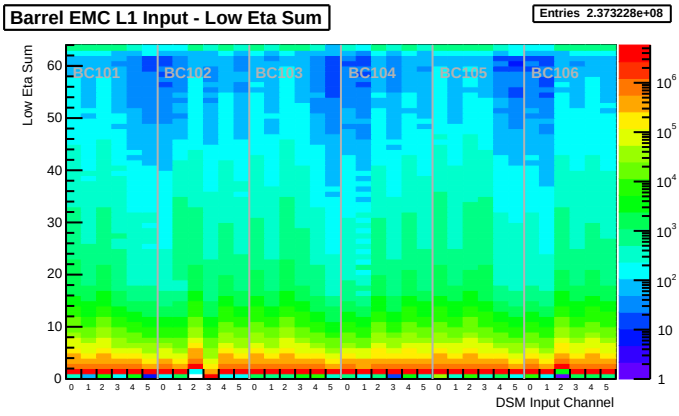
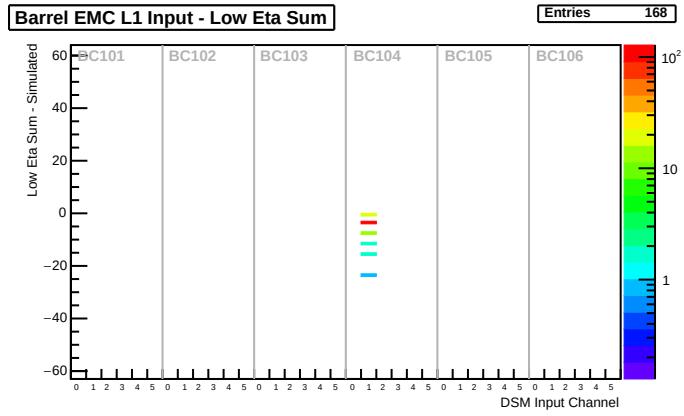

Barrel EMC L0 Input - High Tower
Entries 1.97769e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

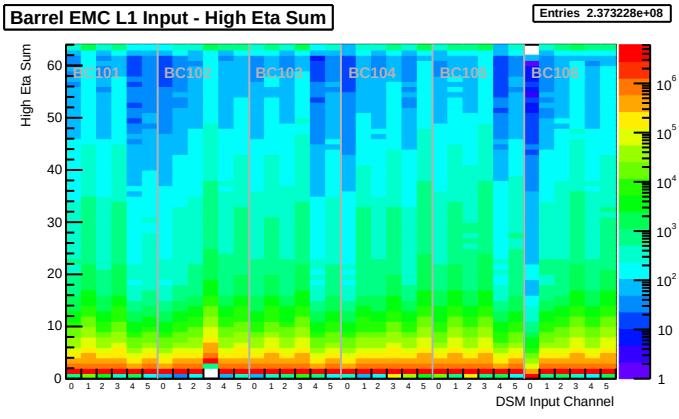

Barrel EMC L0 Input - Patch Sum
Entries 1.97769e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

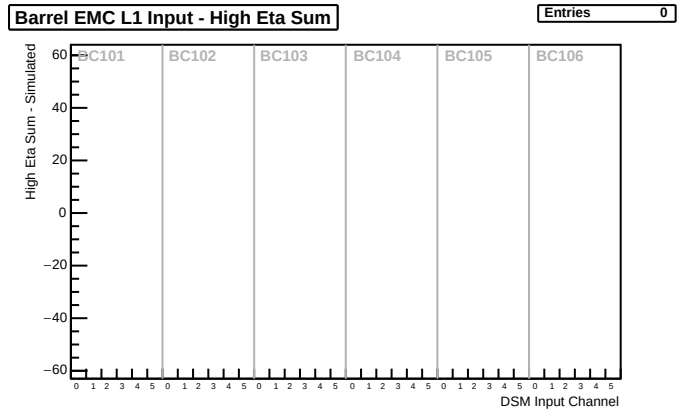

Endcap EMC L0 Input - High Tower
Entries 5.933069e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

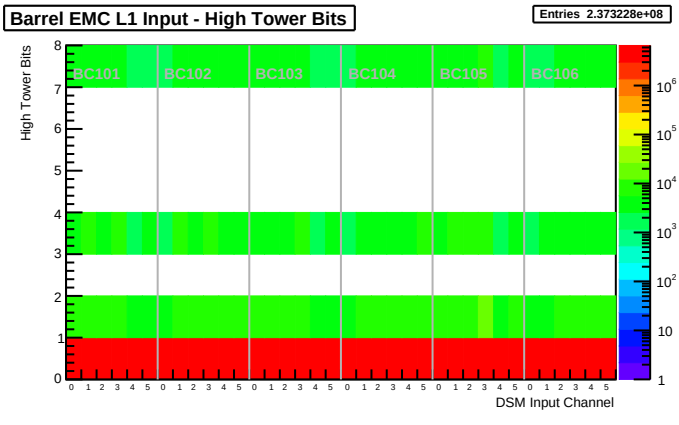

Endcap EMC L0 Input - Patch Sum
Entries 5.933069e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

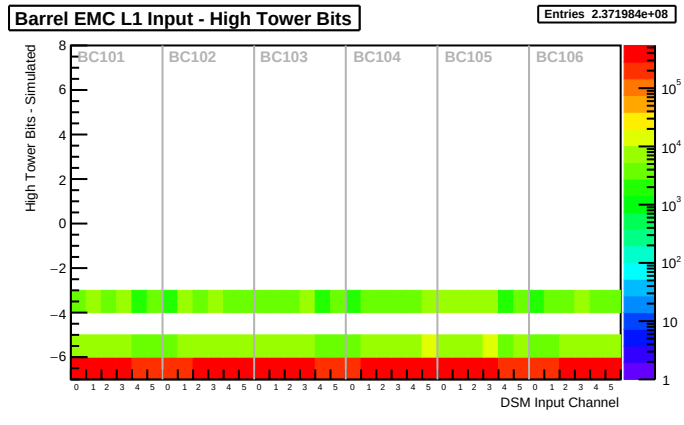

Barrel EMC L1 Input - Low Eta Sum
Entries 2.373228e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

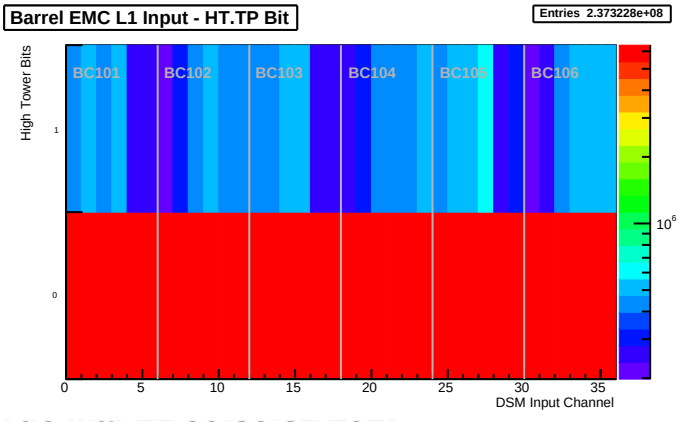

Barrel EMC L1 Input - Low Eta Sum
Entries 168
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

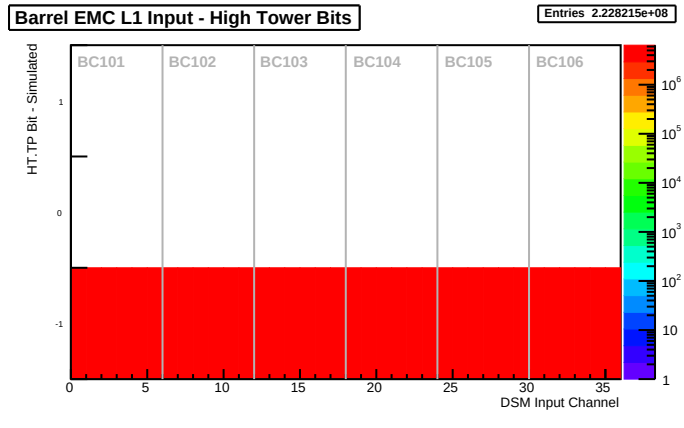

Barrel EMC L1 Input - High Eta Sum
Entries 2.373228e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

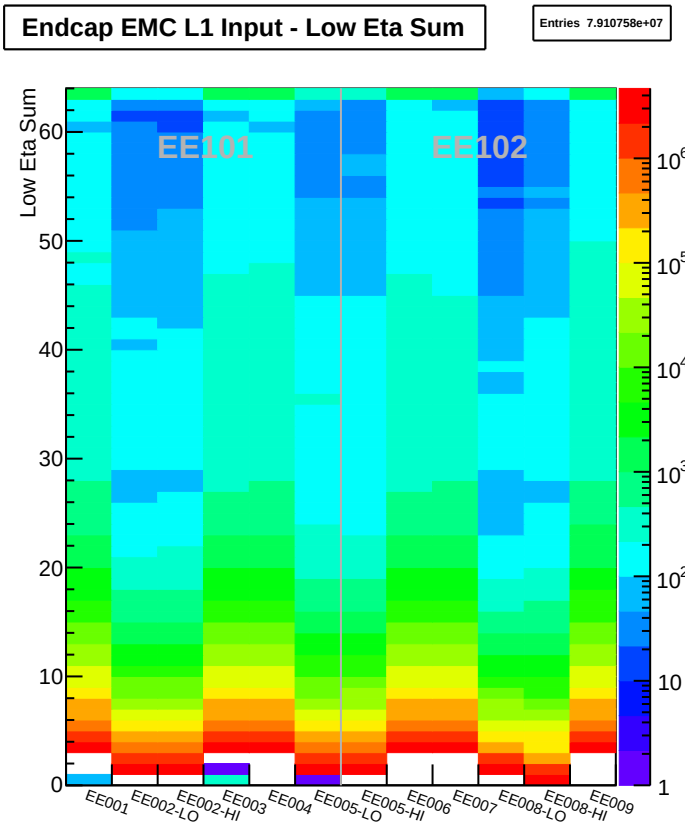

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

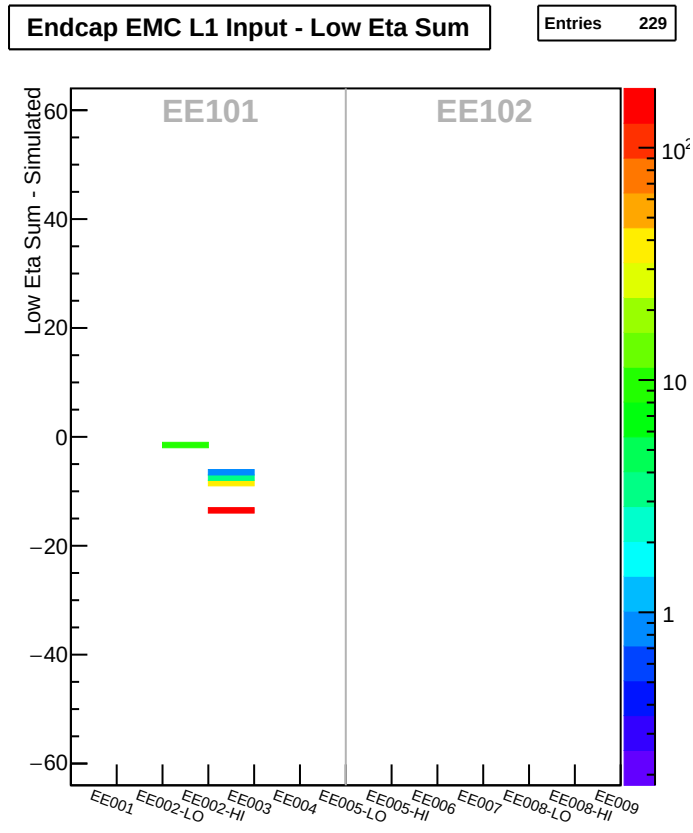

Barrel EMC L1 Input - High Tower Bits
Entries 2.373228e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

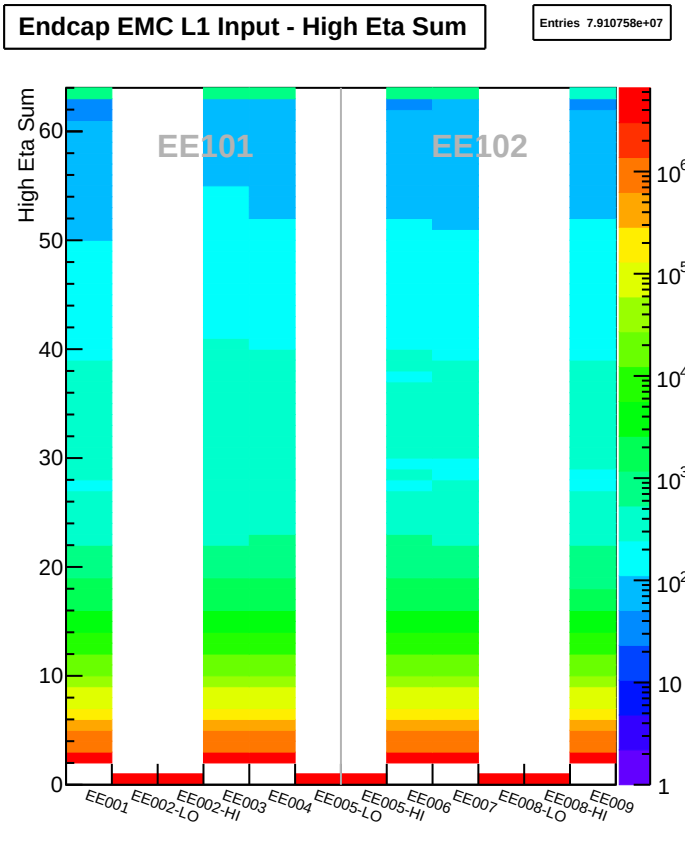

Barrel EMC L1 Input - High Tower Bits
Entries 2.371984e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

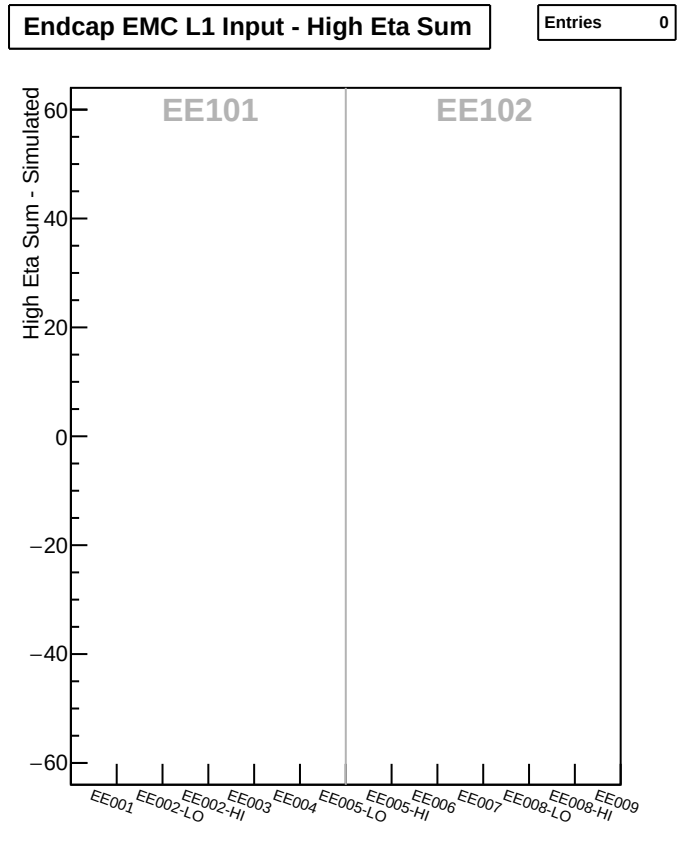

Barrel EMC L1 Input - HT.TP Bit
Entries 2.373228e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

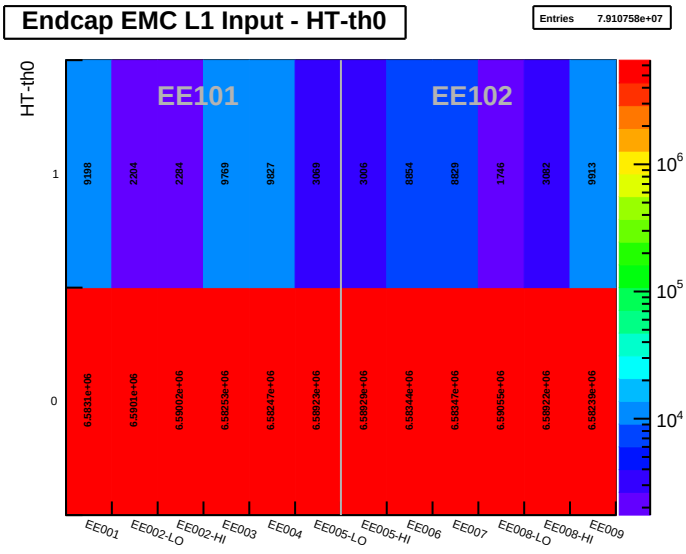

Barrel EMC L1 Input - High Tower Bits
Entries 2.228215e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

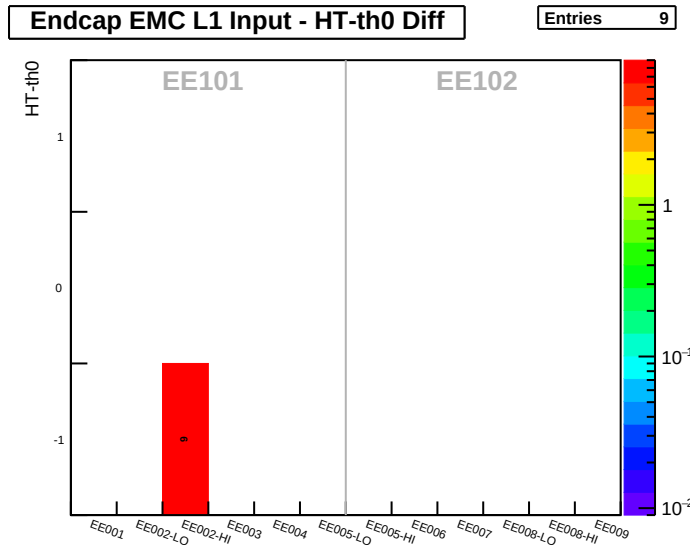

Endcap EMC L1 Input - Low Eta Sum
Entries 7.910758e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

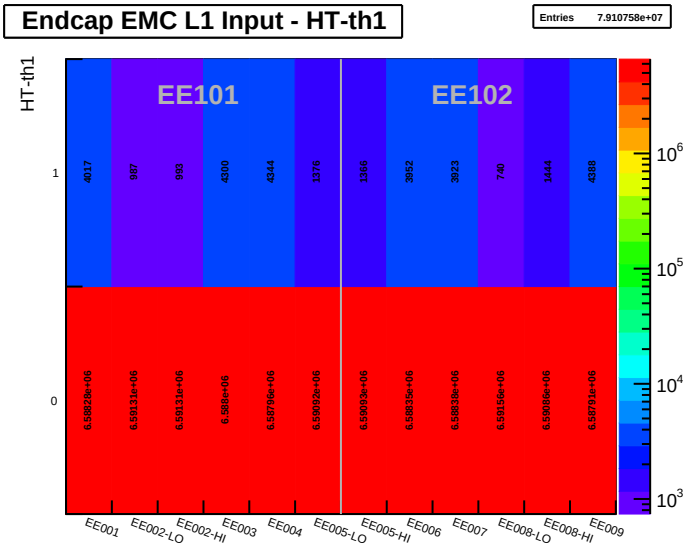

Endcap EMC L1 Input - Low Eta Sum
Entries 229
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

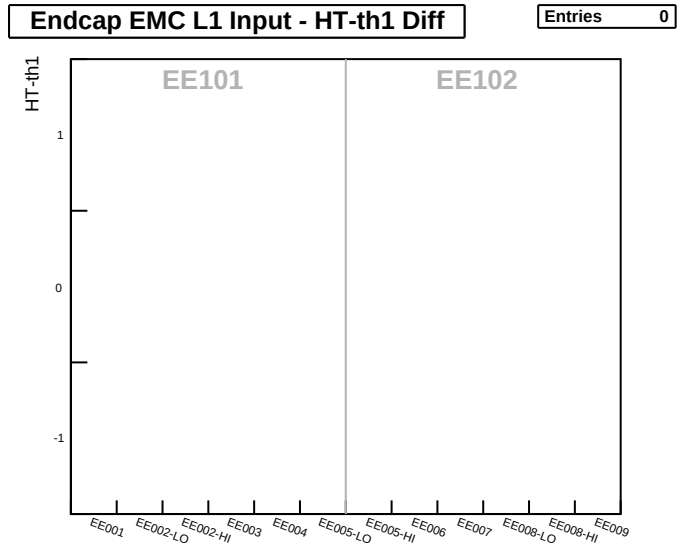

Endcap EMC L1 Input - High Eta Sum
Entries 7.910758e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

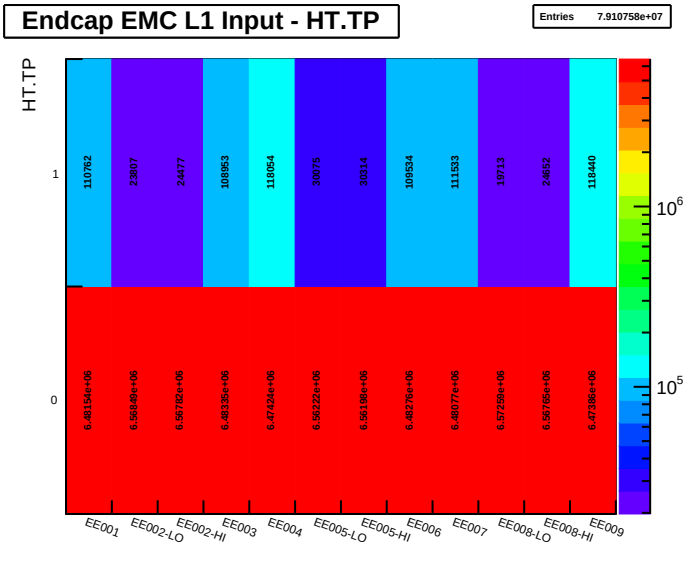

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

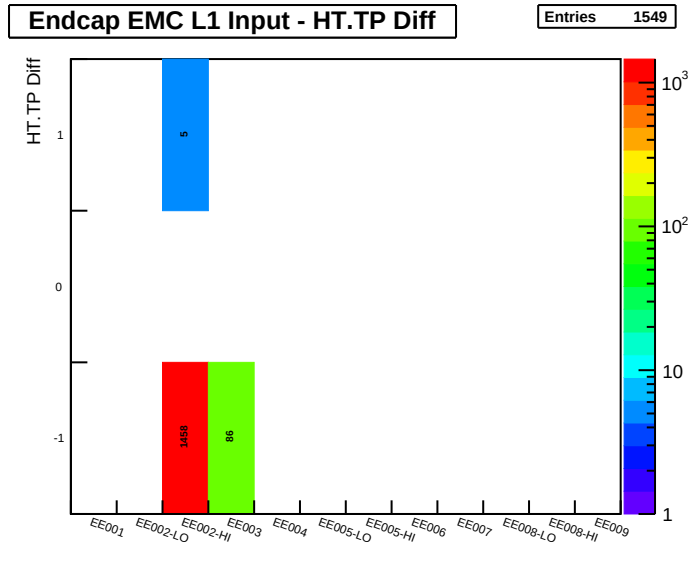

Endcap EMC L1 Input - HT-th0
Entries 7.910758e+07
HT-th0
EE101
EE102
9198 2204 2284 9769 9827 3069 3006 8854 8829 1746 3082 9913
6.5831e+06 6.5901e+06 6.59002e+06 6.58259e+06 6.58247e+06 6.58923e+06 6.58929e+06 6.58344e+06 6.58347e+06 6.59055e+06 6.58922e+06 6.58239e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

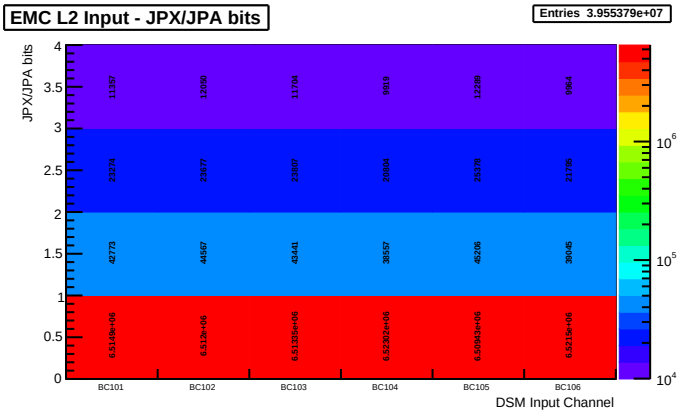

Endcap EMC L1 Input - HT-th0 Diff
Entries 9
HT-th0
EE101
EE102
9
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

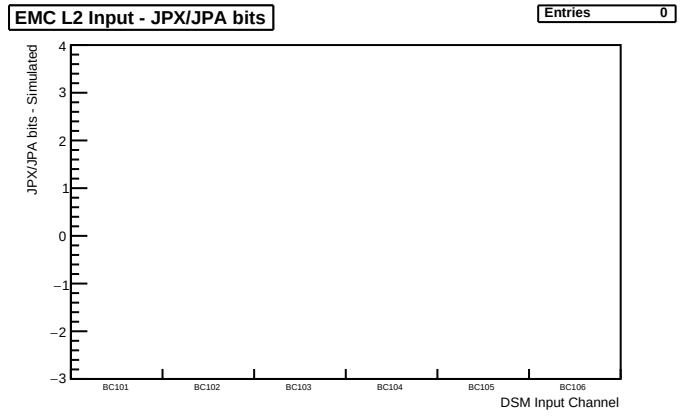

Endcap EMC L1 Input - HT-th1
Entries 7.910758e+07
HT-th1
EE101
EE102
4017 987 993 4360 4344 1376 1366 3952 3923 740 1444 4388
6.58828e+06 6.59131e+06 6.59131e+06 6.598e+06 6.59796e+06 6.59092e+06 6.59093e+06 6.58835e+06 6.58839e+06 6.59156e+06 6.59086e+06 6.59791e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

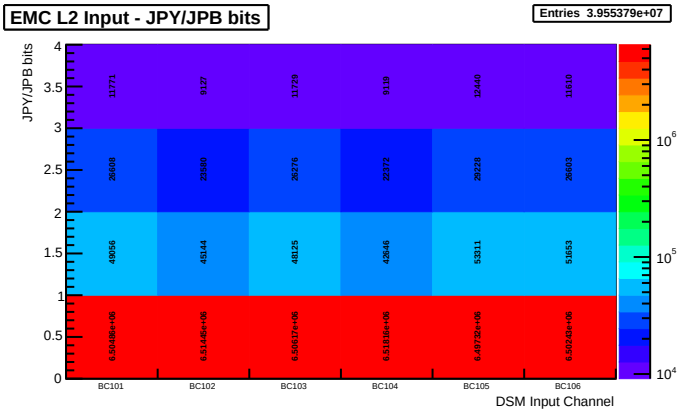

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

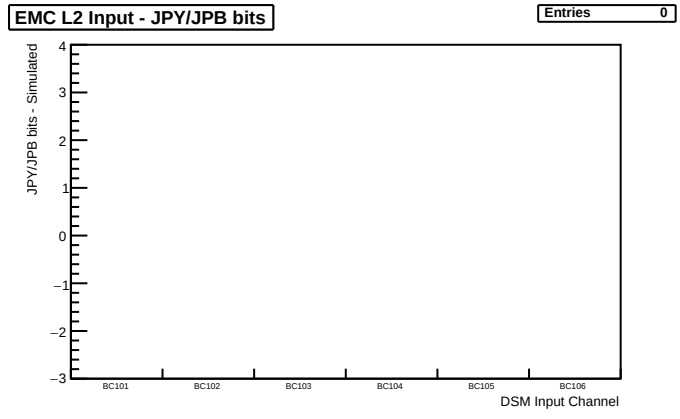

Endcap EMC L1 Input - HT.TP
Entries 7.910758e+07
HT.TP
110762 23807 24477 108953 118054 30075 30314 109534 111533 19713 24652 118440
6.48154e+06 6.59849e+06 6.56782e+06 6.48335e+06 6.47424e+06 6.56222e+06 6.56198e+06 6.48276e+06 6.49077e+06 6.57258e+06 6.56785e+06 6.47386e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

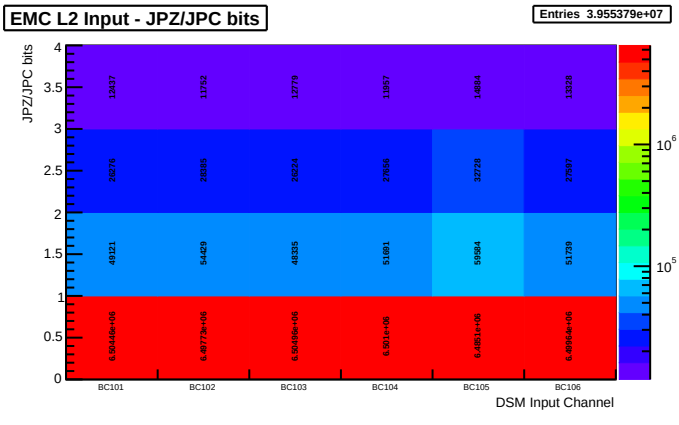

Endcap EMC L1 Input - HT.TP Diff
Entries 1549
HT.TP Diff
5
1458
86
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

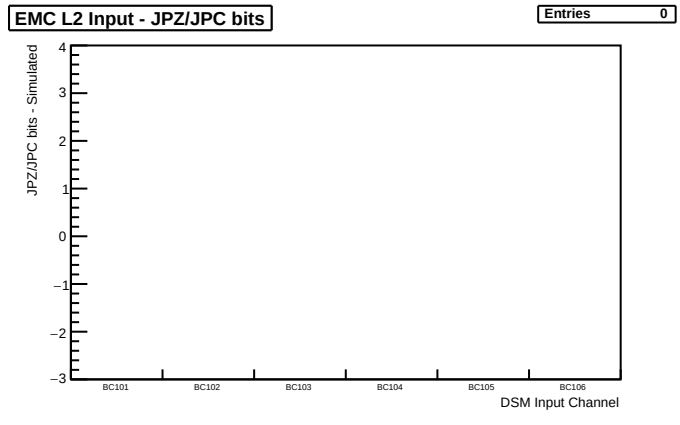

EMC L2 Input - JPX/JPA bits
Entries 3.955379e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

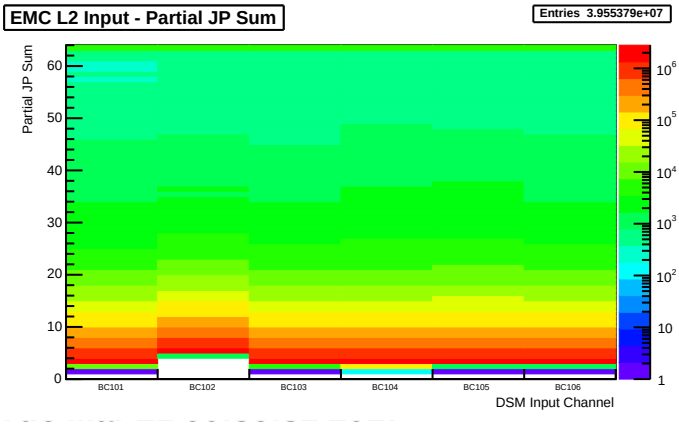

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

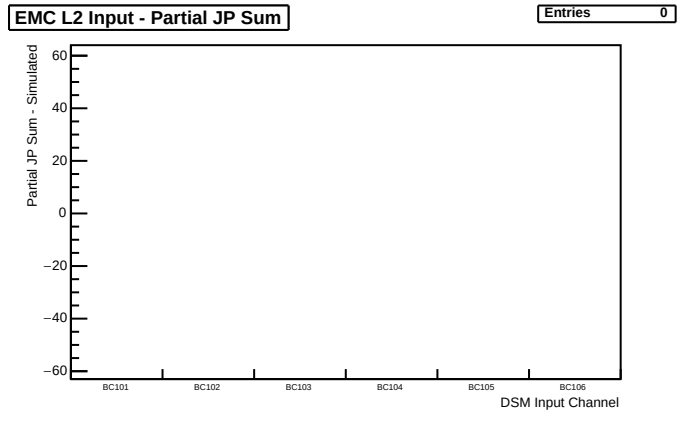

EMC L2 Input - JPY/JPB bits
Entries 3.955379e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

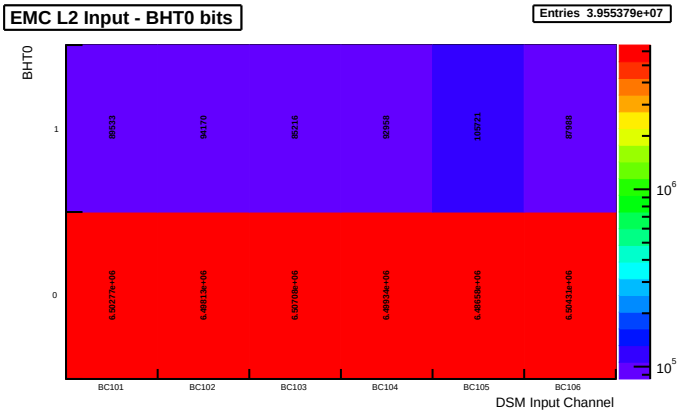

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

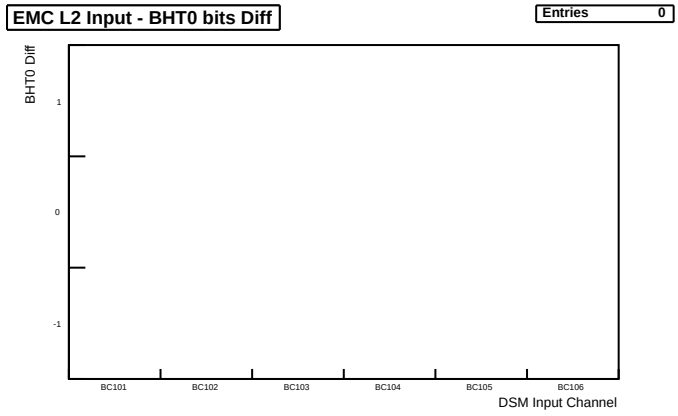

EMC L2 Input - JPZ/JPC bits
Entries 3.955379e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

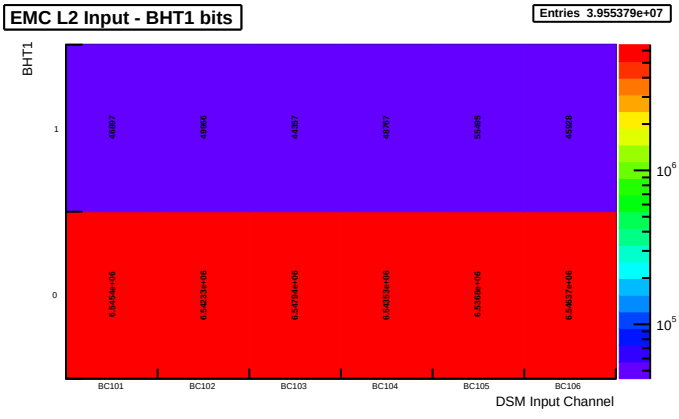

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

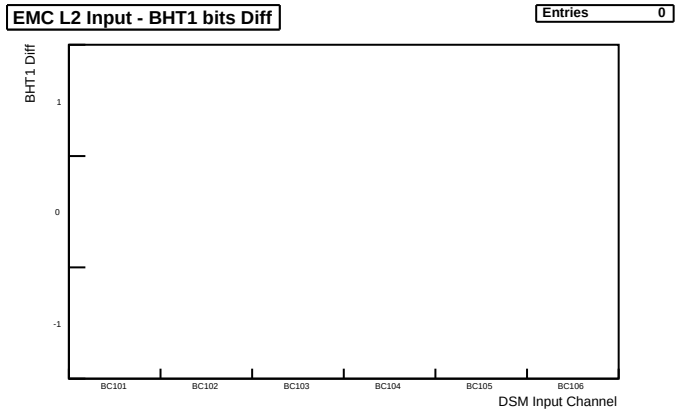

EMC L2 Input - Partial JP Sum
Entries 3.955379e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

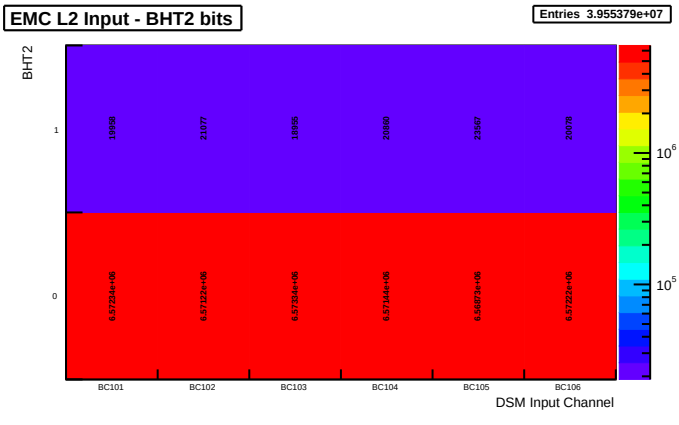

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

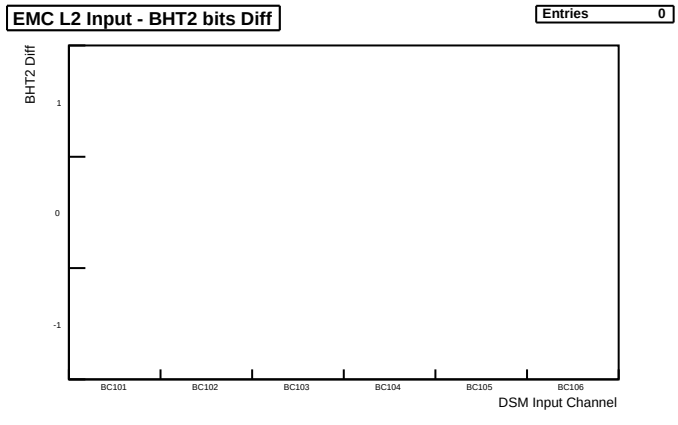

EMC L2 Input - BHT0 bits
Entries 3.955379e+07
BHT0
1
0
89533
94170
85216
92358
105721
97688
6.50277e+06
6.49813e+06
6.50709e+06
6.49934e+06
6.48859e+06
6.50431e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

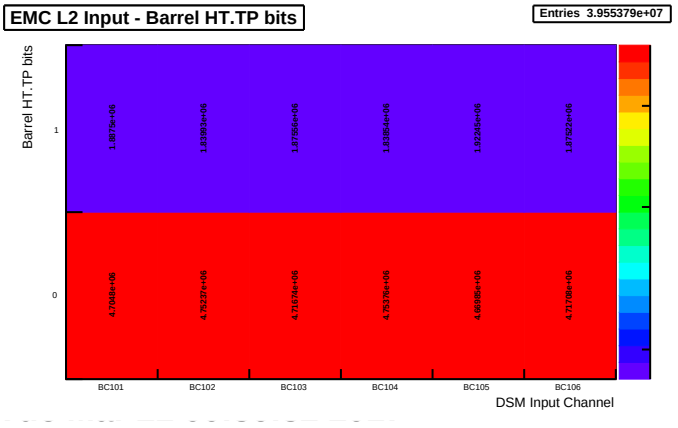

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

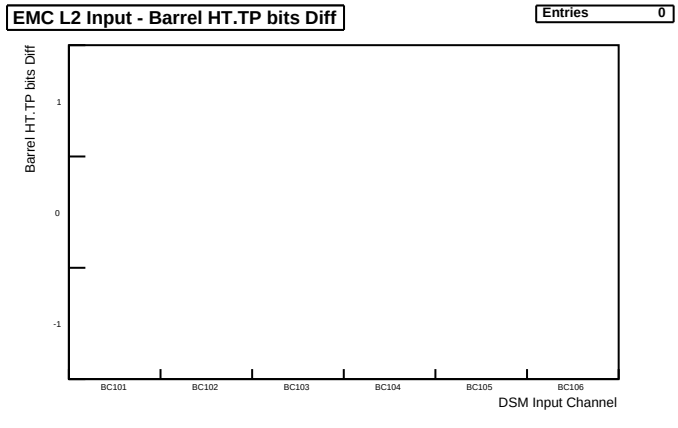

EMC L2 Input - BHT1 bits
Entries 3.955379e+07
BHT1
1
0
44897
44966
44557
45767
55465
45928
6.54544e+06
6.54233e+06
6.54744e+06
6.54853e+06
6.53586e+06
6.54637e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

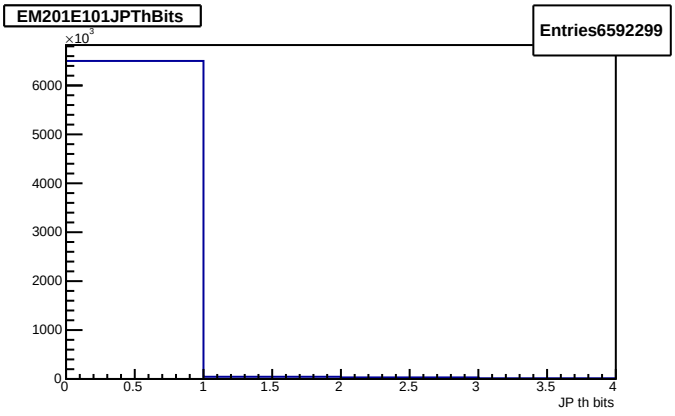

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

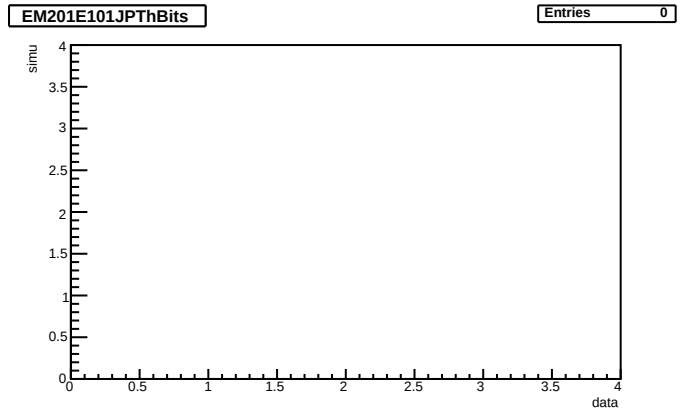

EMC L2 Input - BHT2 bits
Entries 3.955379e+07
BHT2
1
0
19958
21077
18955
20809
23567
20078
6.57254e+06
6.57122e+06
6.57934e+06
6.57144e+06
6.56573e+06
6.57222e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

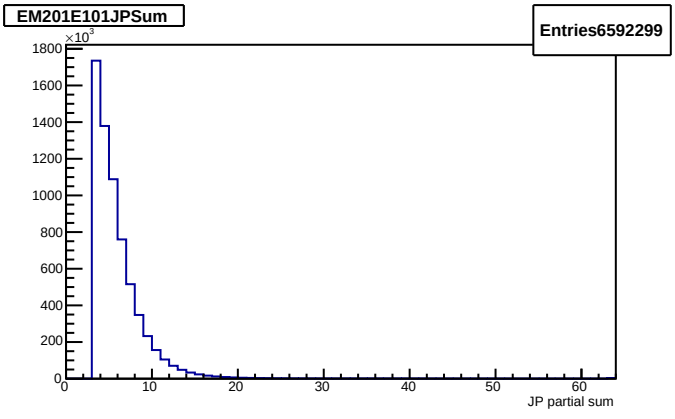

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

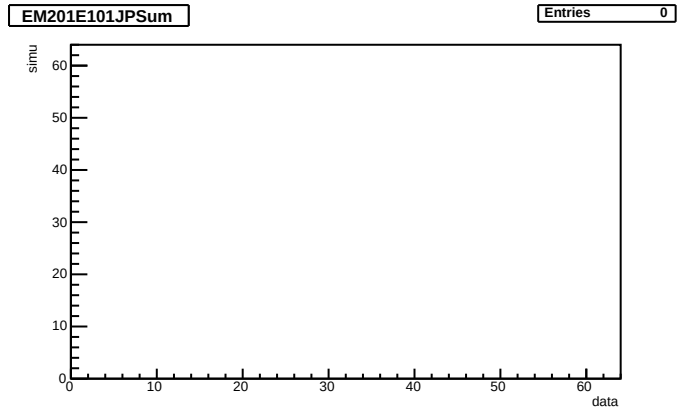

EMC L2 Input - Barrel HT.TP bits
Entries 3.955379e+07
Barrel HT.TP bits
1
0
1.8675e+06
1.83993e+06
1.97566e+06
1.8385e+06
1.92245e+06
1.87532e+06
4.71948e+06
4.75237e+06
4.71674e+06
4.75376e+06
4.66989e+06
4.71708e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

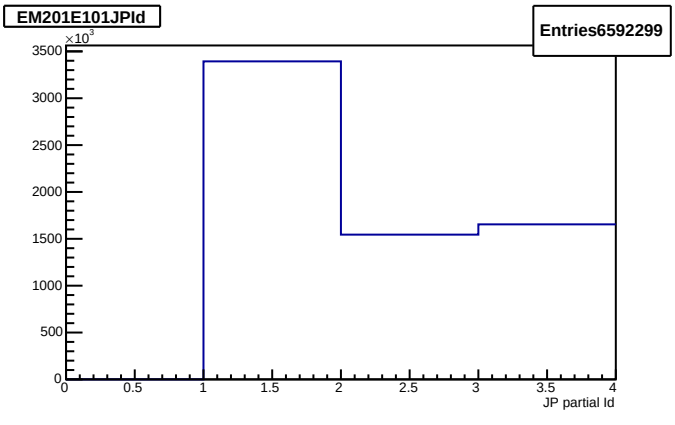

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

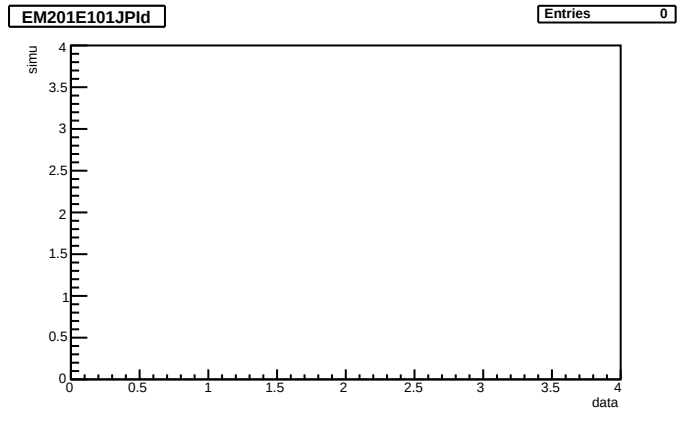

EM201E101JPThBits
Entries6592299
×10^3
JP th bits

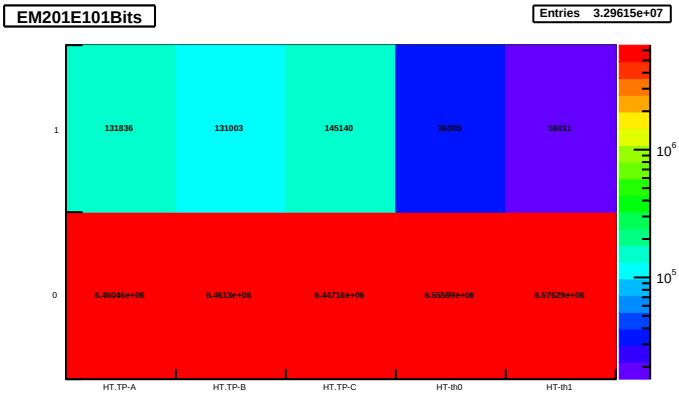

EM201E101JPThBits
Entries 0
simu
data

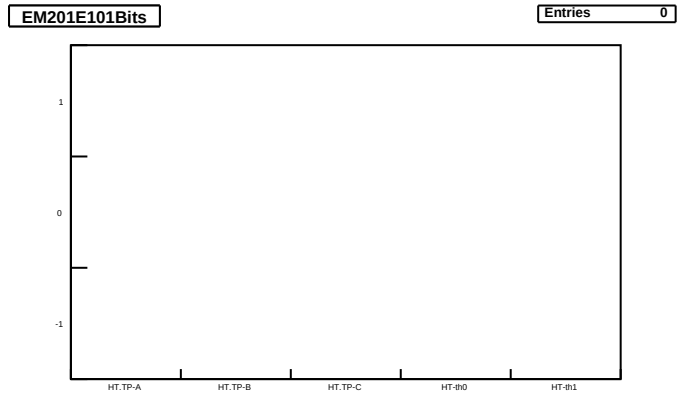

EM201E101JPSum
Entries6592299
×10^3
JP partial sum

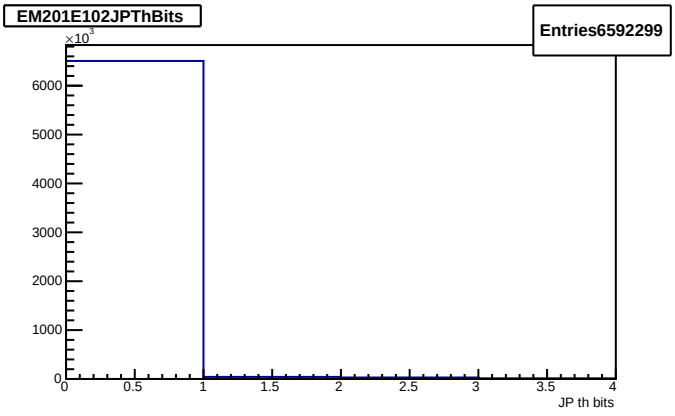

EM201E101JPSum
Entries 0
simu
data

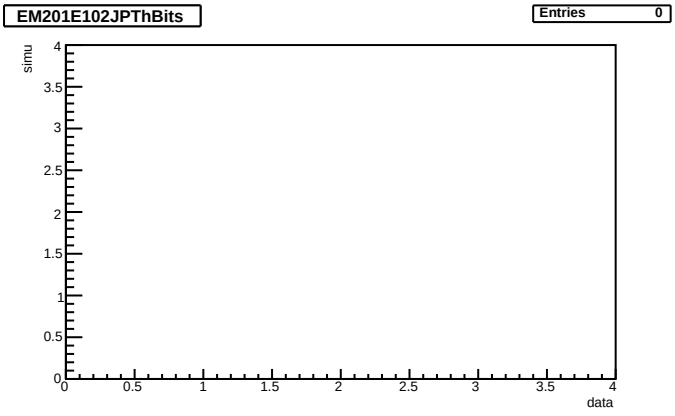

EM201E101JPId
Entries6592299
×10^3
JP partial Id

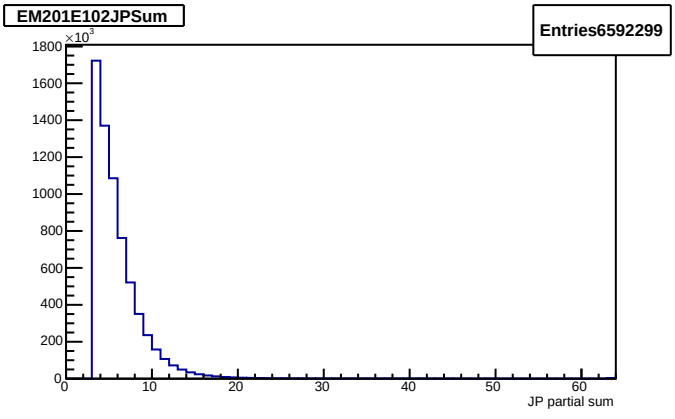

EM201E101JPId
Entries 0
simu
data

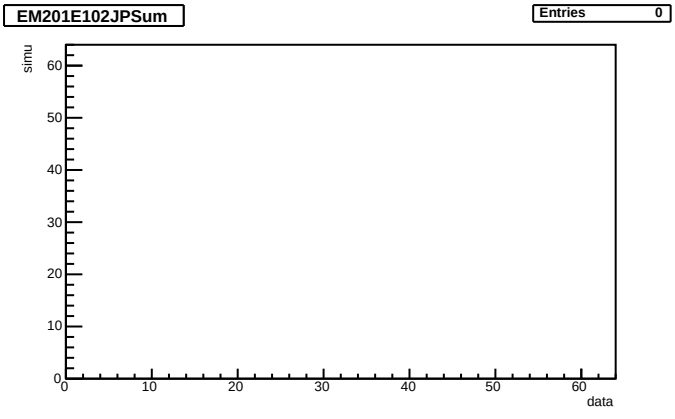

EM201E101Bits
Entries 3.29615e+07
131836
131003
145140
36305
16011
6.46046e+06
6.4613e+06
6.44716e+06
6.55599e+06
6.57629e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

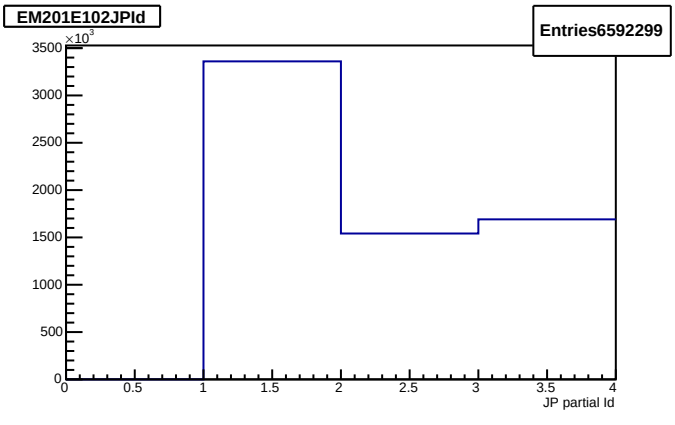

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

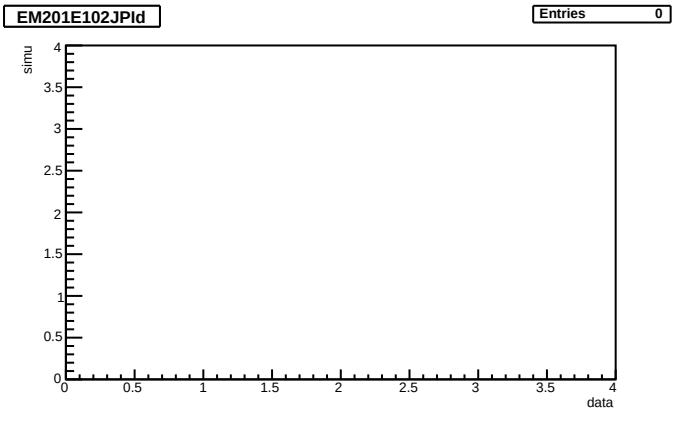

EM201E102JPThBits
Entries6592299
JP th bits

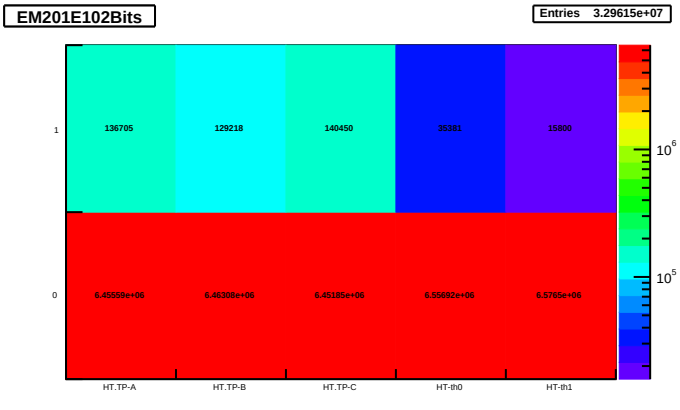

EM201E102JPThBits
Entries 0
simu
data

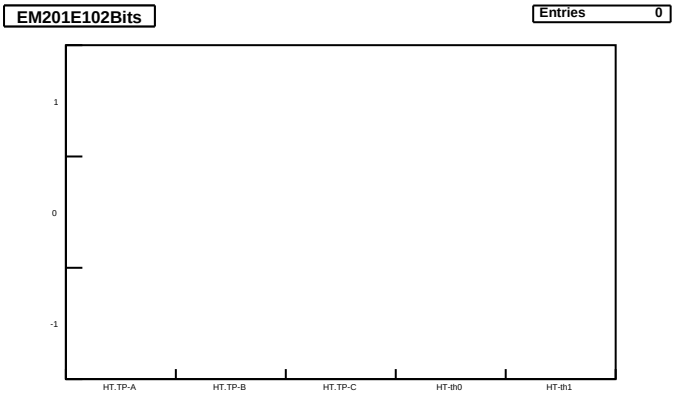

EM201E102JPSum
Entries6592299
JP partial sum

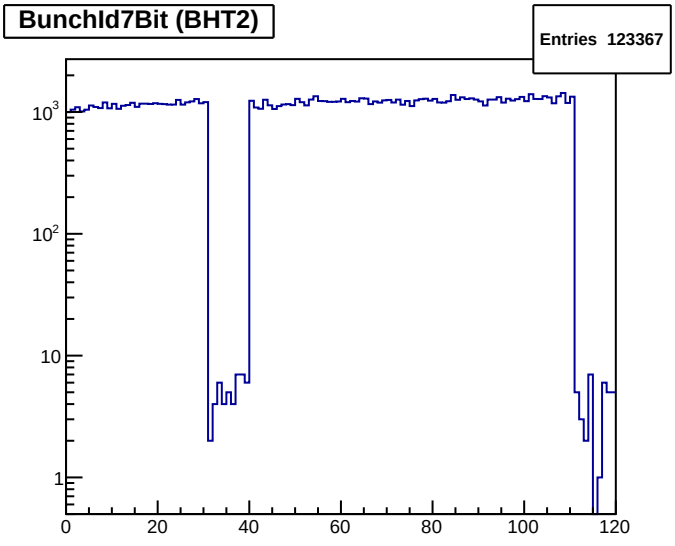

EM201E102JPSum
Entries 0
simu
data

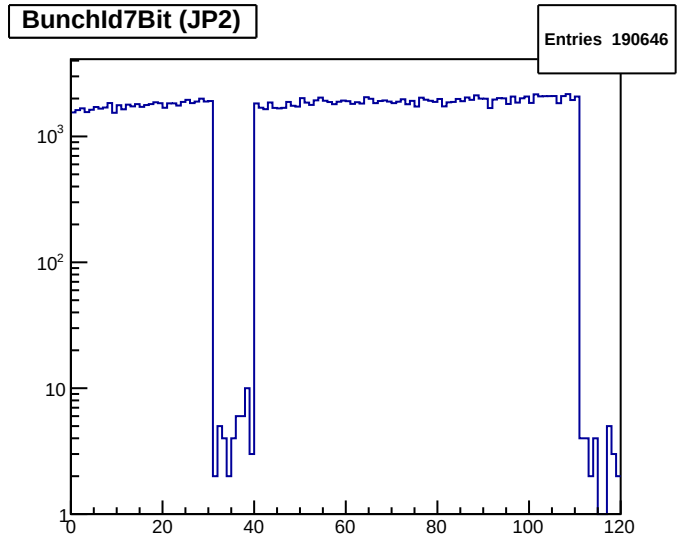

EM201E102JPId
Entries6592299
JP partial Id

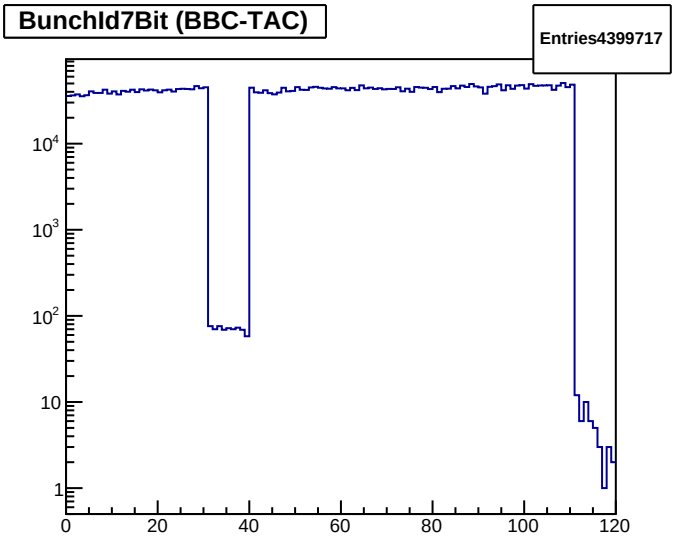

EM201E102JPId
Entries 0
simu
data

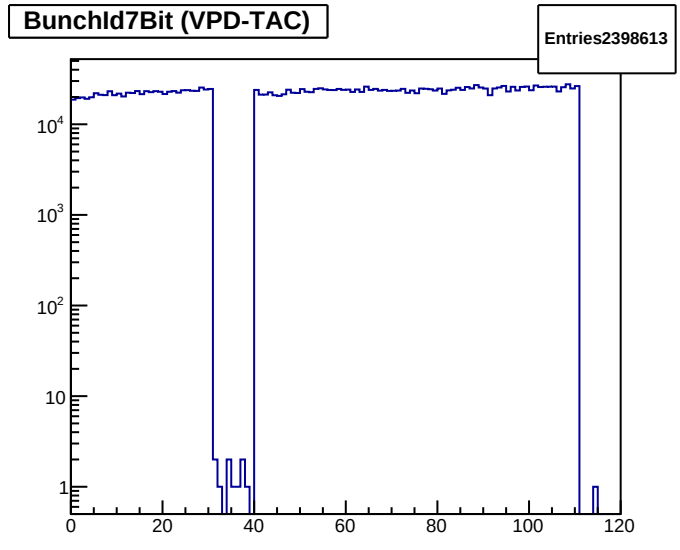

EM201E102Bits
Entries 3.29615e+07
136705
129218
140450
35381
15800
6.45559e+06
6.46308e+06
6.45185e+06
6.55692e+06
6.5765e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

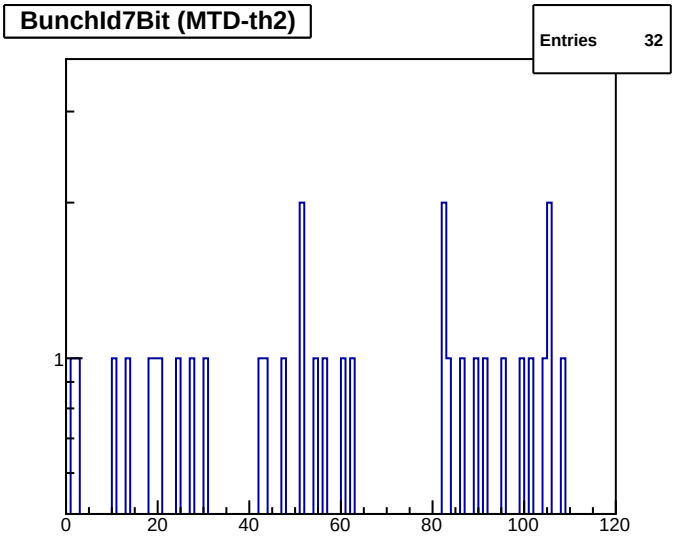

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

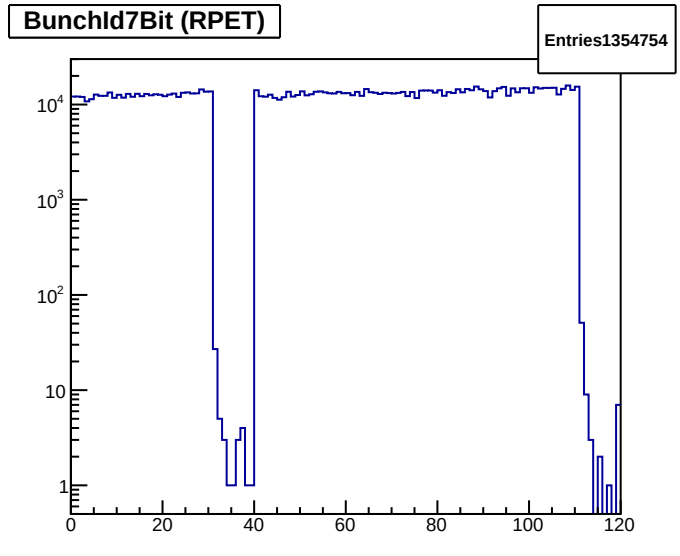

BunchId7Bit (BHT2)
Entries 123367
10^3
10^2
10
1
0
20
40
60
80
100
120

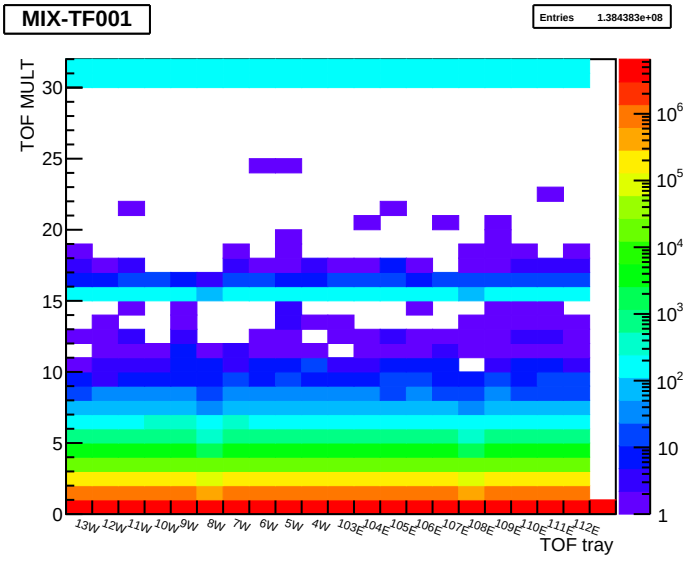

BunchId7Bit (JP2)
Entries 190646
10^3
10^2
10
1
0
20
40
60
80
100
120

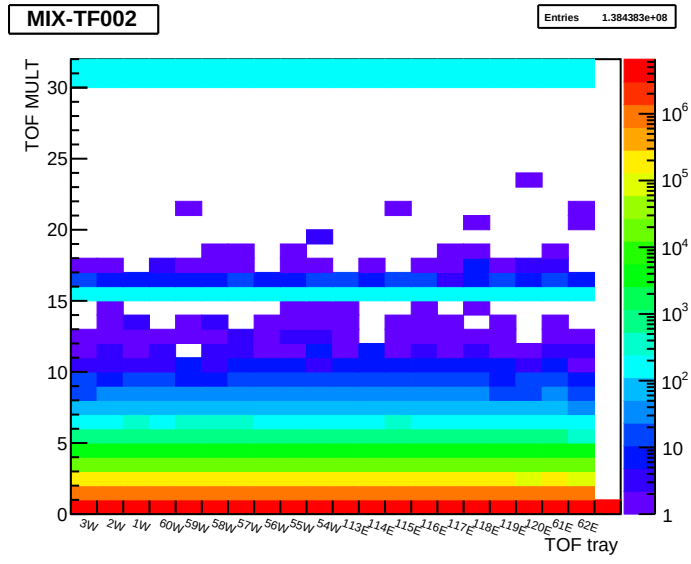

BunchId7Bit (BBC-TAC)
Entries4399717
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

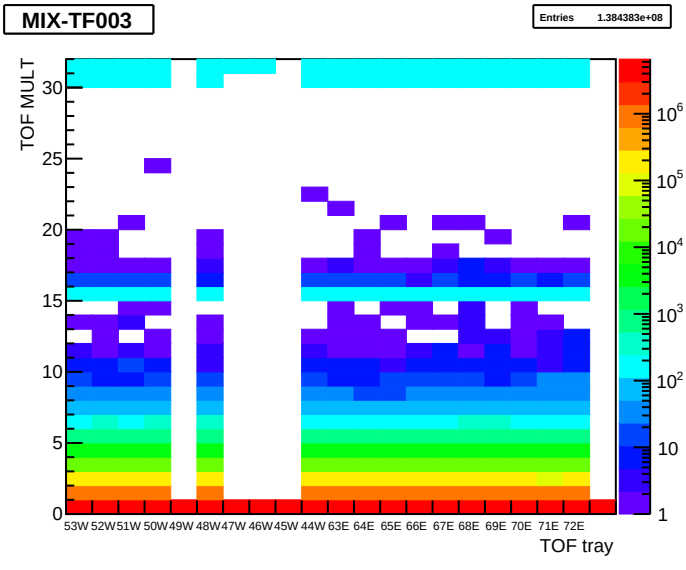

BunchId7Bit (VPD-TAC)
Entries2398613
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

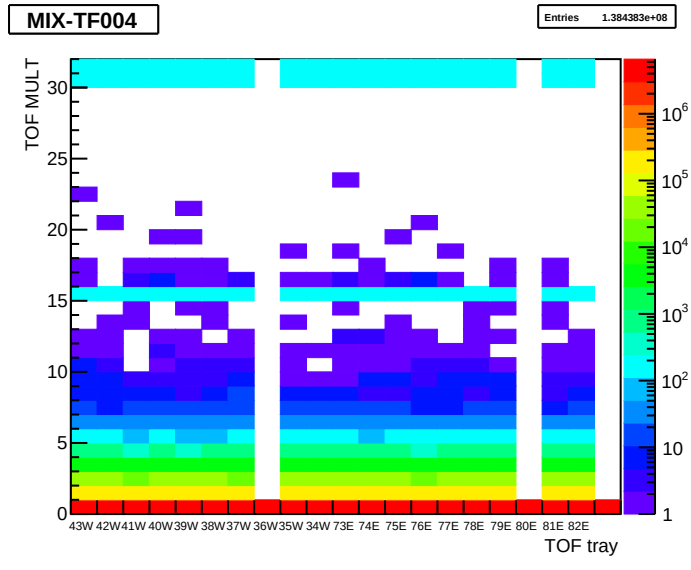

BunchId7Bit (MTD-th2)
Entries 32
1
0
20
40
60
80
100
120

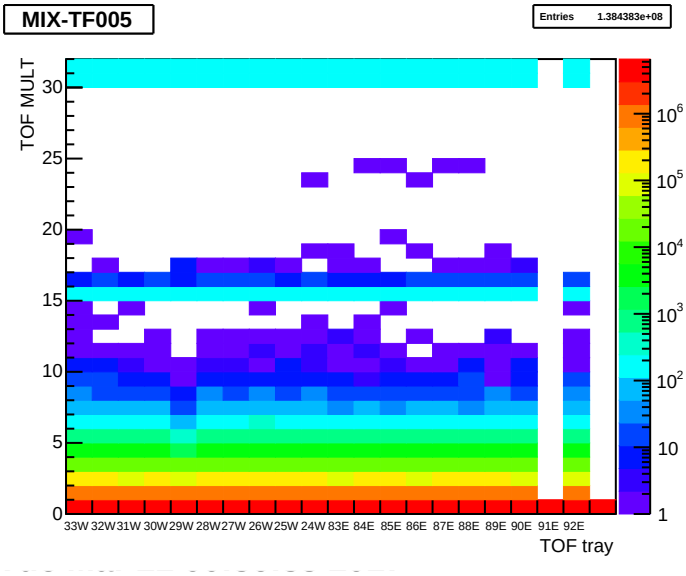

BunchId7Bit (RPET)
Entries1354754
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

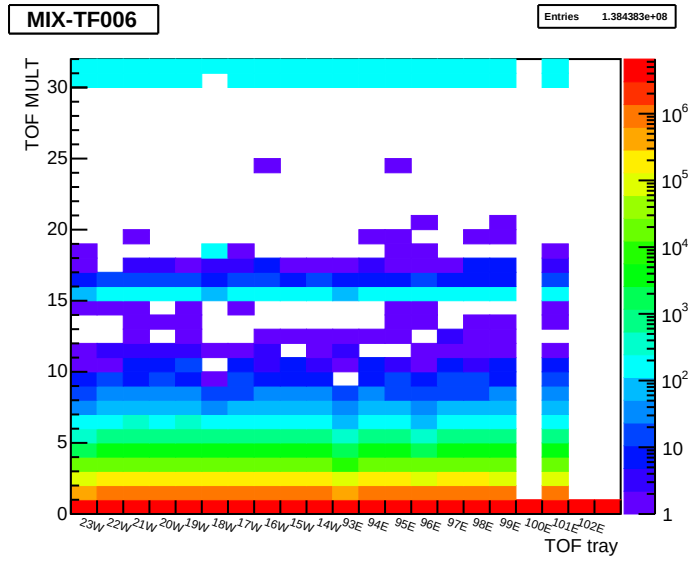

MIX-TF001
Entries 1.384383e+08
TOF MULT
TOF tray

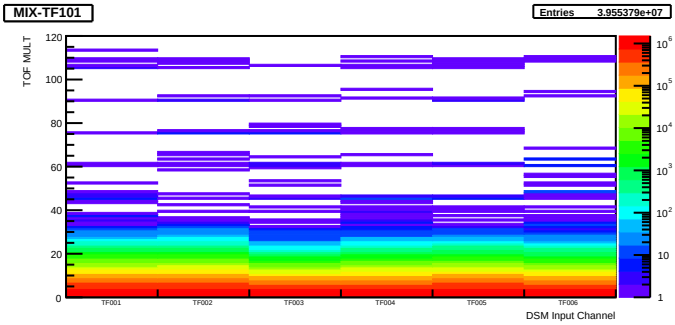

MIX-TF002
Entries 1.384383e+08
TOF MULT
TOF tray

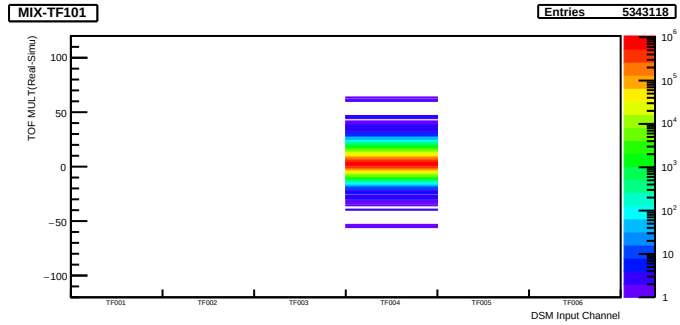

MIX-TF003
Entries 1.384383e+08
TOF MULT
TOF tray

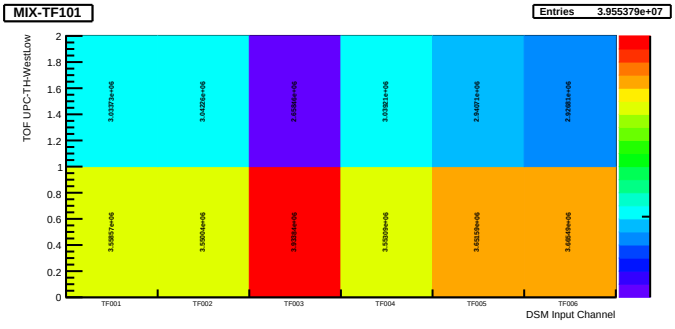

MIX-TF004
Entries 1.384383e+08
TOF MULT
TOF tray

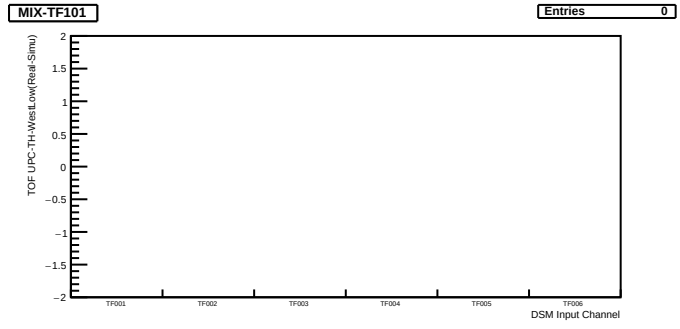

MIX-TF005
Entries 1.384383e+08
TOF MULT
TOF tray

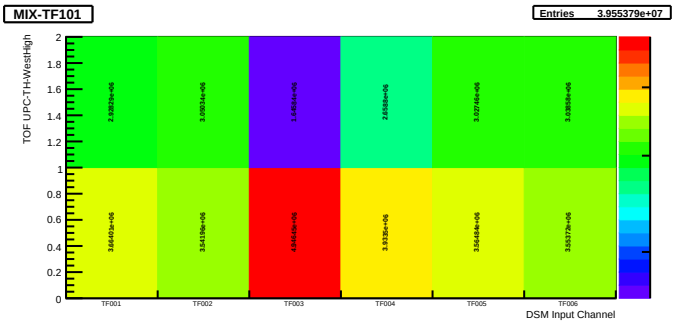

MIX-TF006
Entries 1.384383e+08
TOF MULT
TOF tray

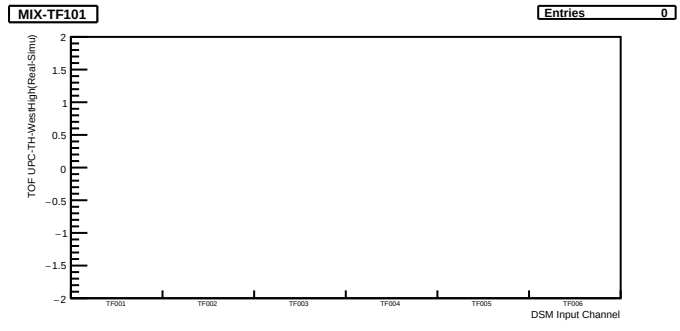

MIX-TF101
Entries 3.955379e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

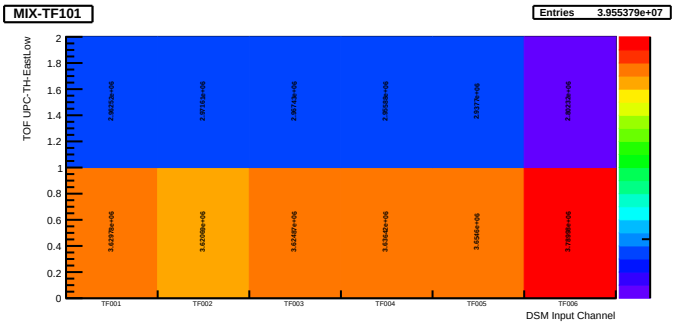

MIX-TF101
Entries 5343118
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

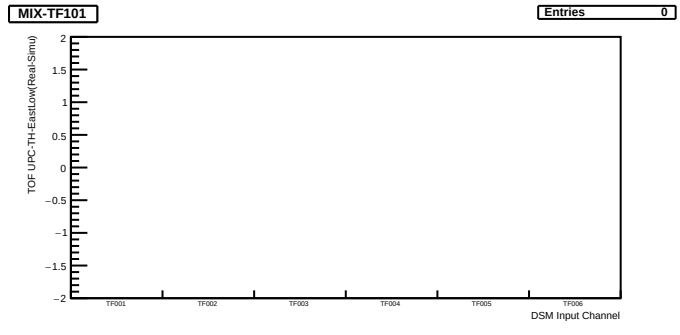

MIX-TF101
Entries 3.955379e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

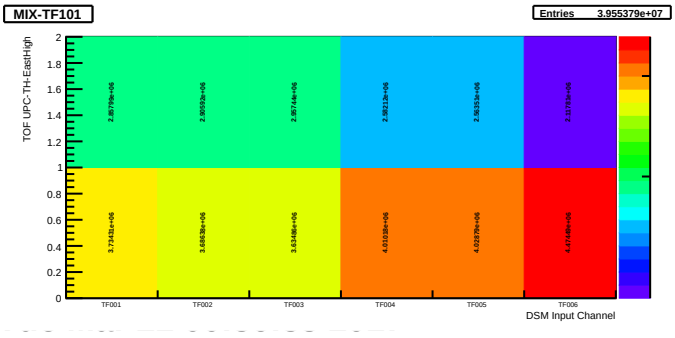

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

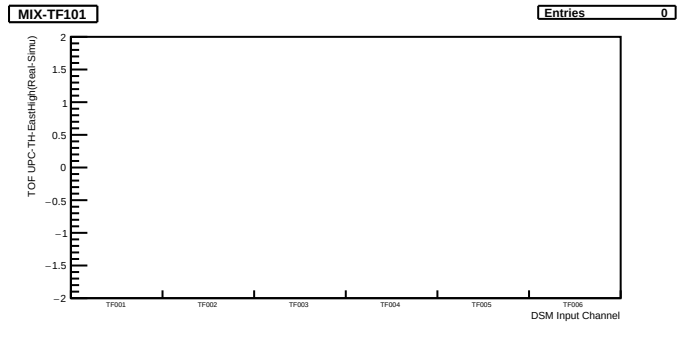

MIX-TF101
Entries 3.955379e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

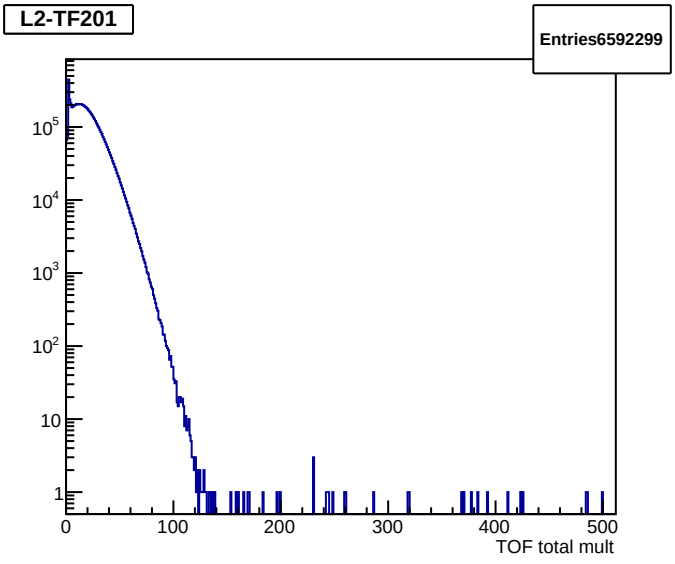

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

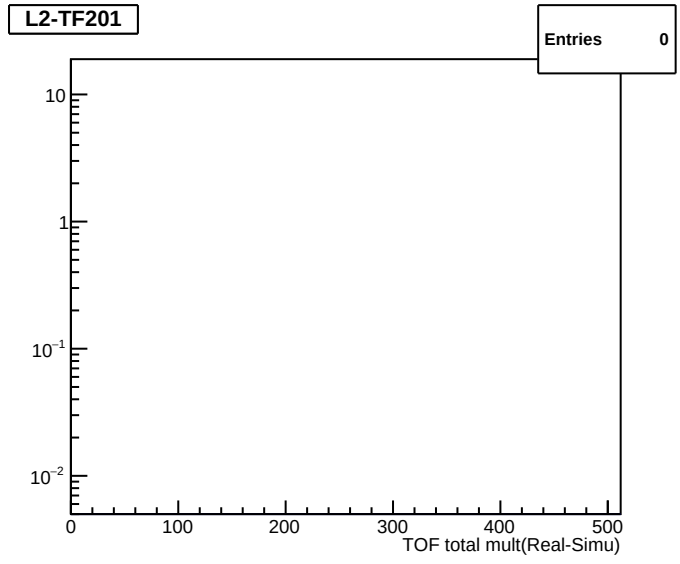

MIX-TF101
Entries 3.955379e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

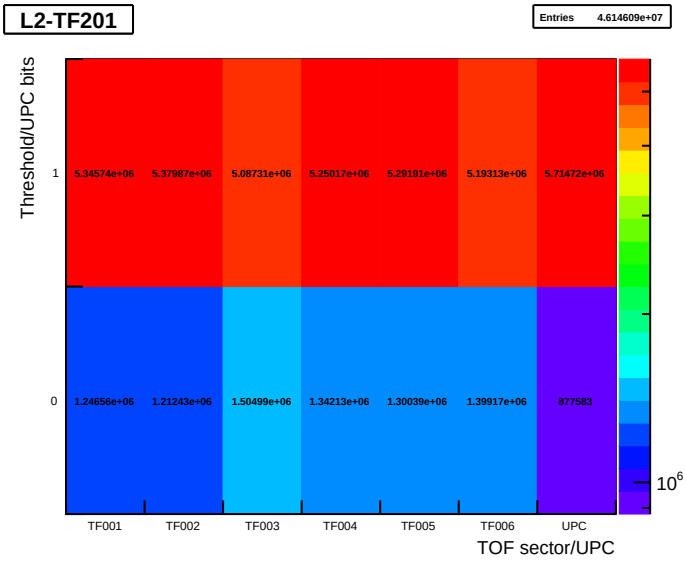

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

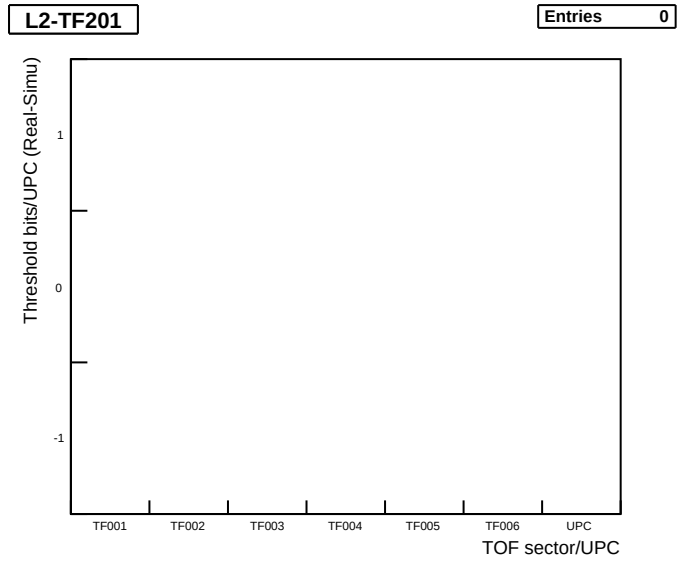

MIX-TF101
Entries 3.955379e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

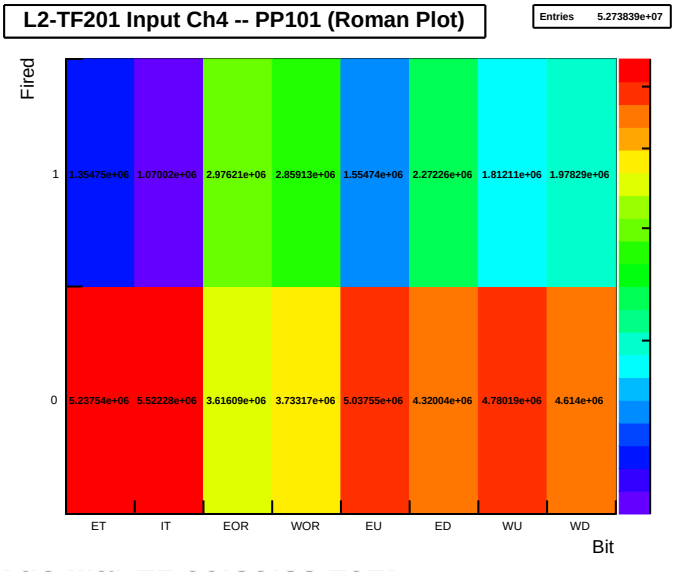

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

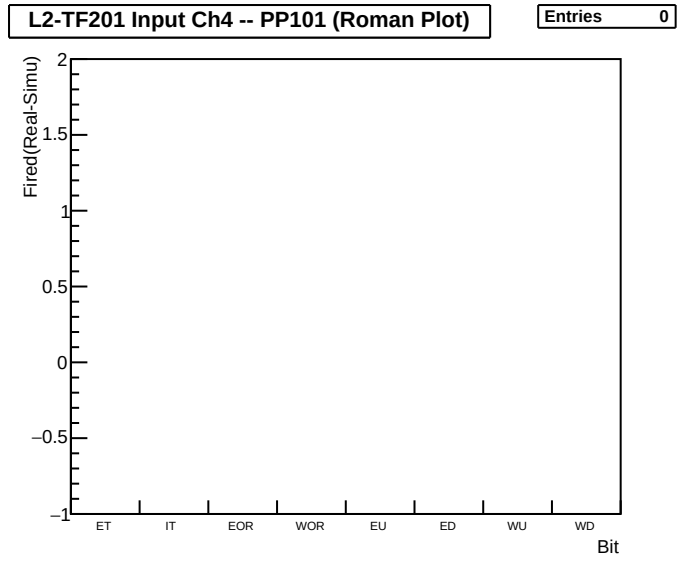

L2-TF201
Entries6592299
TOF total mult

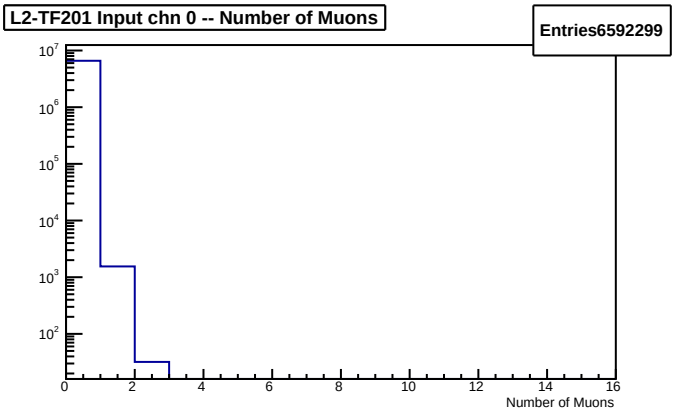

L2-TF201
Entries 0
TOF total mult(Real-Simu)

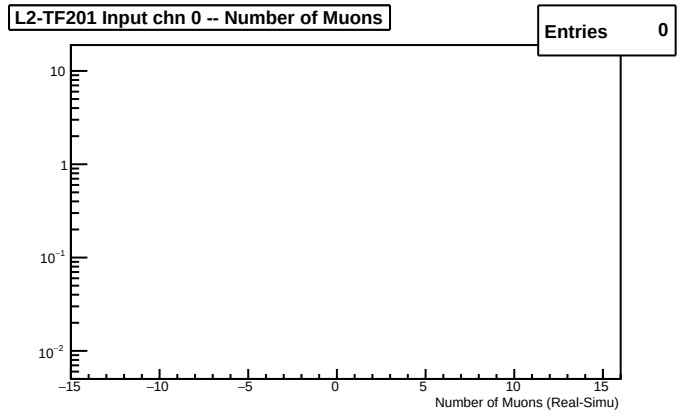

L2-TF201
Entries 4.614609e+07
Threshold/UPC bits
5.34574e+06
5.37987e+06
5.08731e+06
5.25017e+06
5.29191e+06
5.19313e+06
5.71472e+06
1.24656e+06
1.21243e+06
1.50499e+06
1.34213e+06
1.30039e+06
1.39917e+06
877583
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

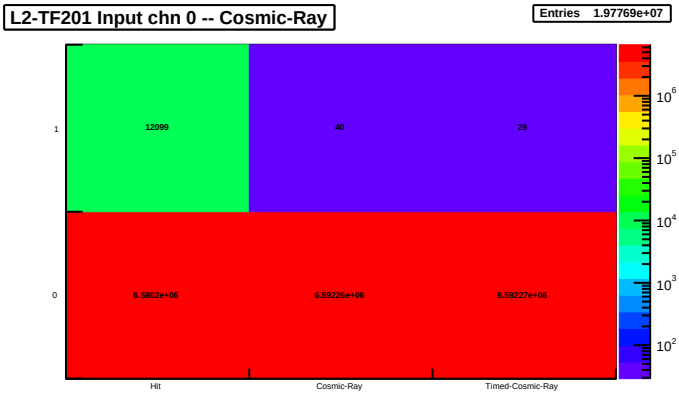

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

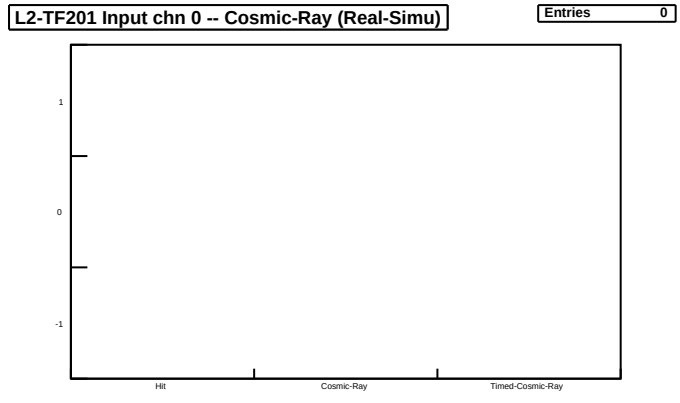

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.273839e+07
Fired
1.35475e+06
1.07002e+06
2.97621e+06
2.85913e+06
1.55474e+06
2.27226e+06
1.81211e+06
1.97829e+06
5.23754e+06
5.52228e+06
3.61609e+06
3.73317e+06
5.03755e+06
4.32004e+06
4.78019e+06
4.614e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

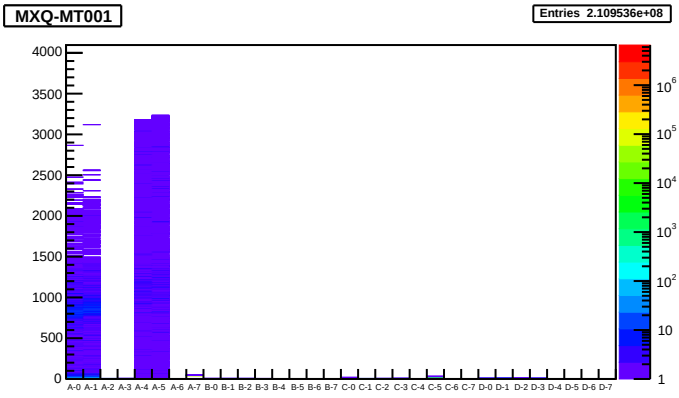

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

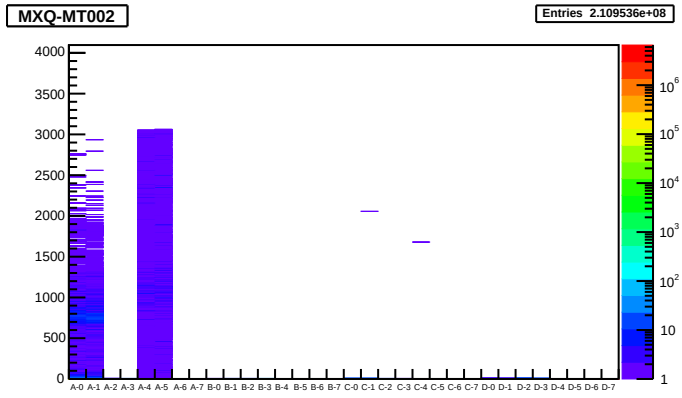

L2-TF201 Input chn 0 -- Number of Muons
Entries6592299
Number of Muons

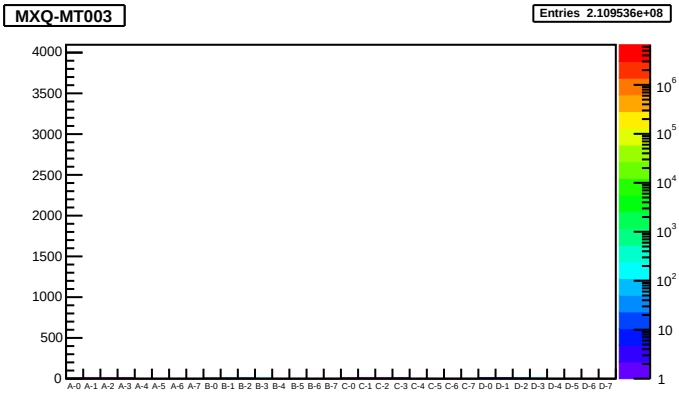

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

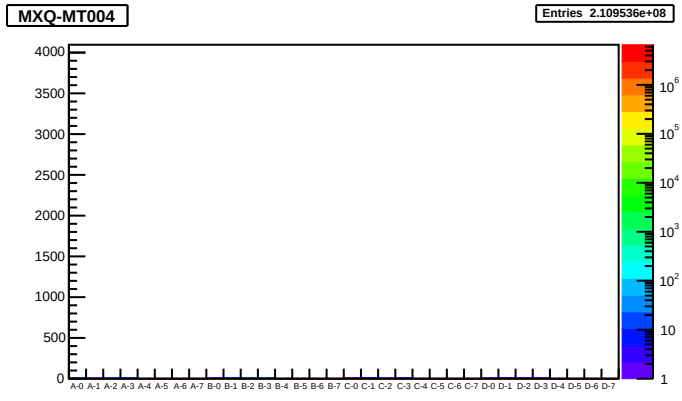

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.97769e+07
12099
40
29
6.5802e+06
6.59226e+06
6.59227e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

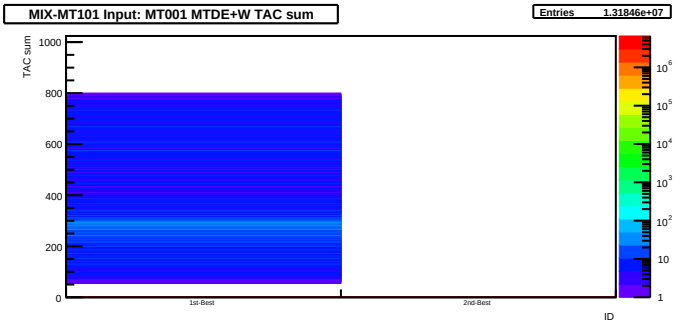

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

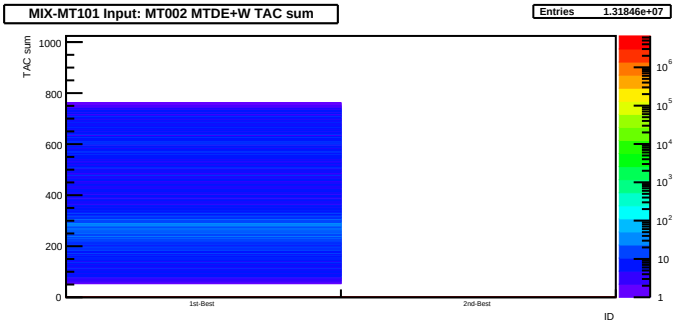

MXQ-MT001
Entries 2.109536e+08

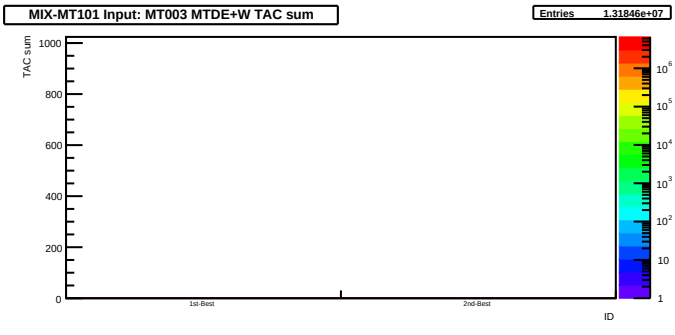

MXQ-MT002
Entries 2.109536e+08

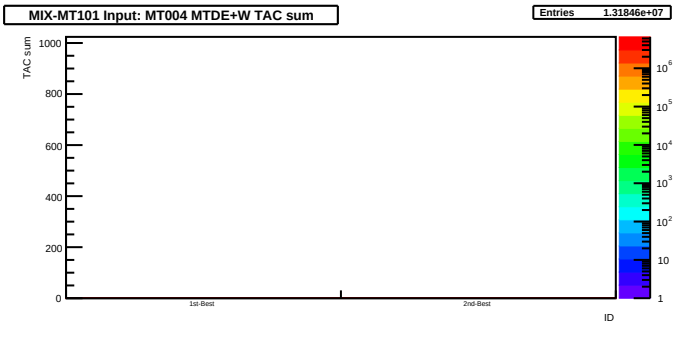

MXQ-MT003
Entries 2.109536e+08

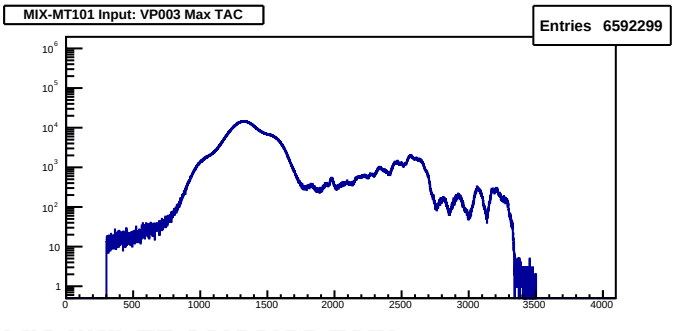

MXQ-MT004
Entries 2.109536e+08

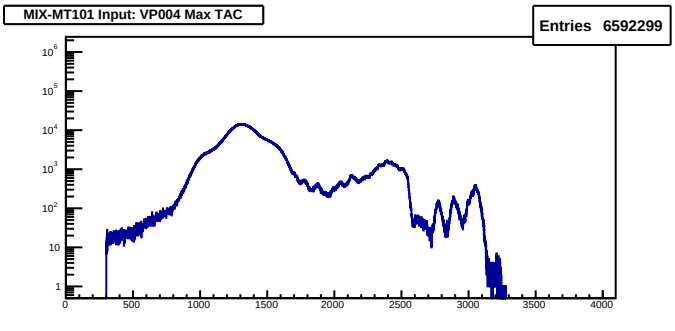

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.31846e+07
TAC sum
1st-Best
2nd-Best
ID

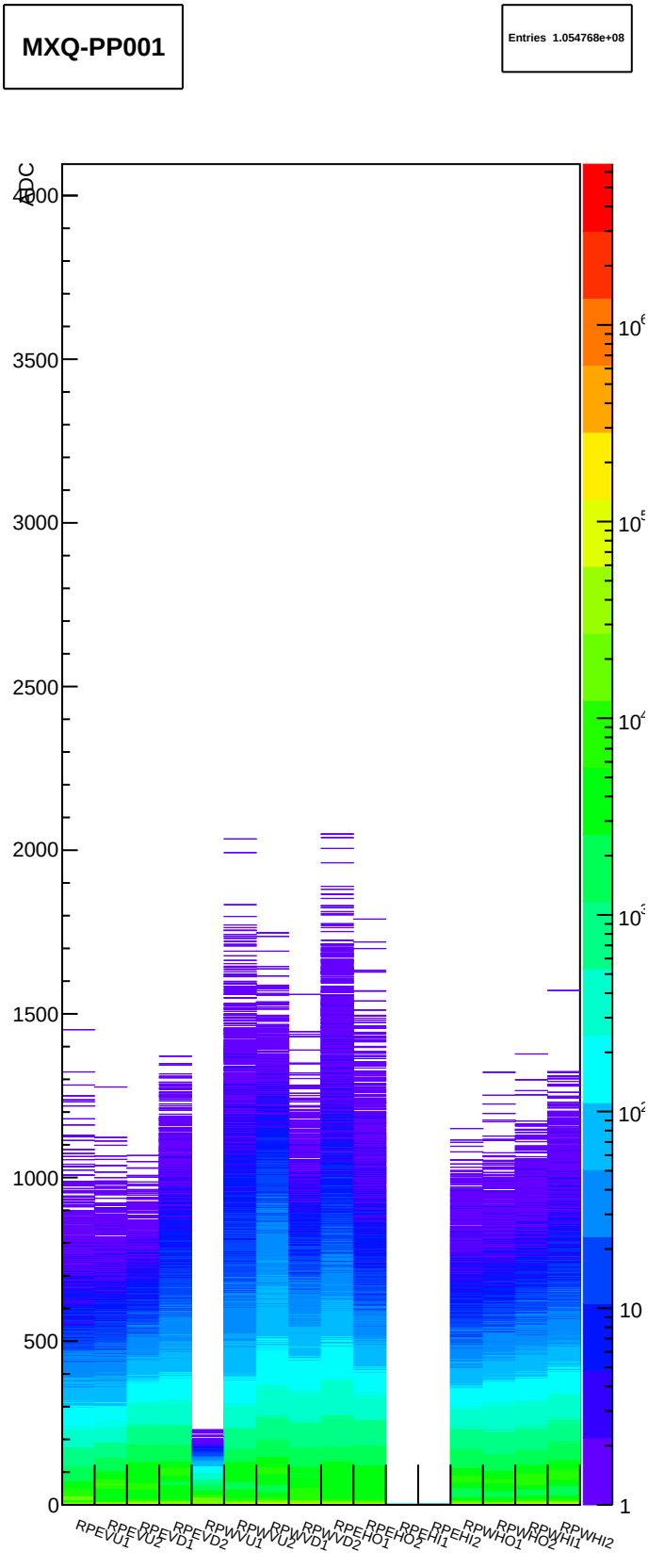

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.31846e+07
TAC sum
1st-Best
2nd-Best
ID

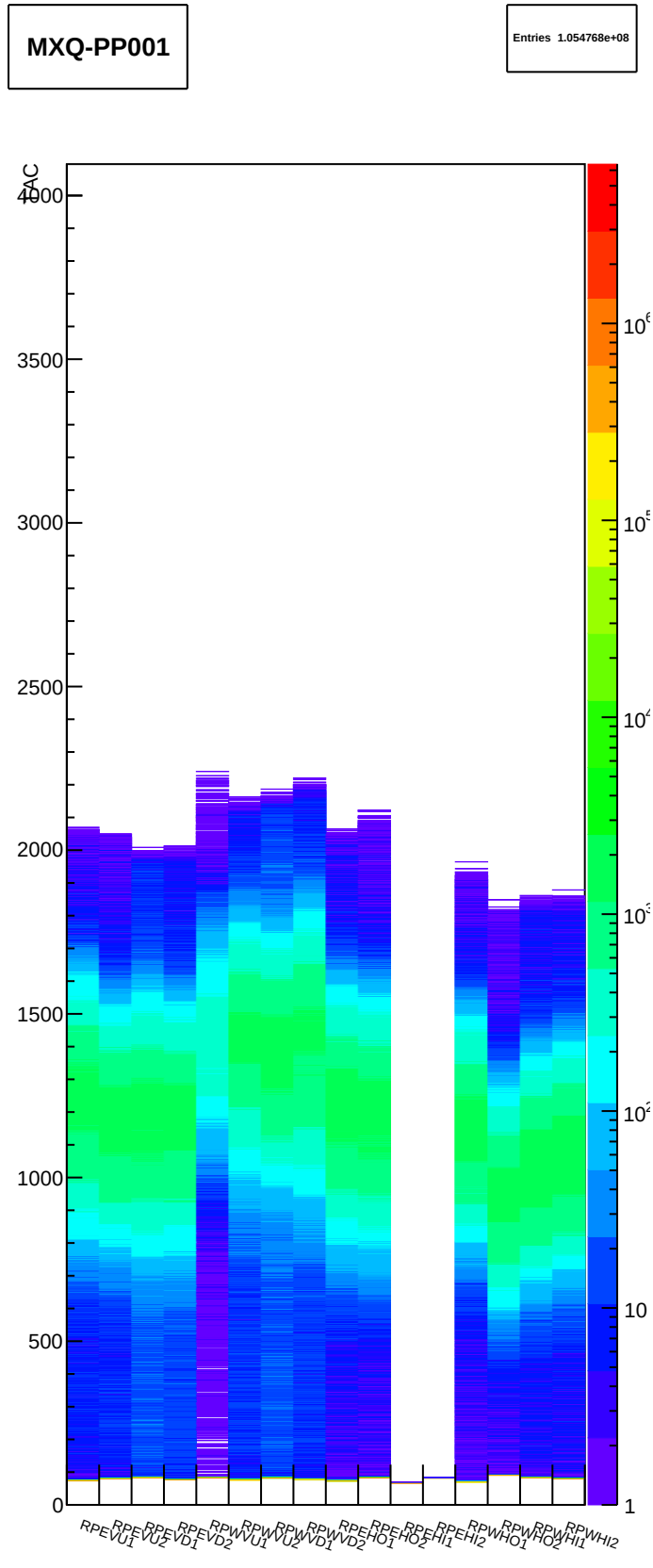

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.31846e+07
TAC sum
1st-Best
2nd-Best
ID

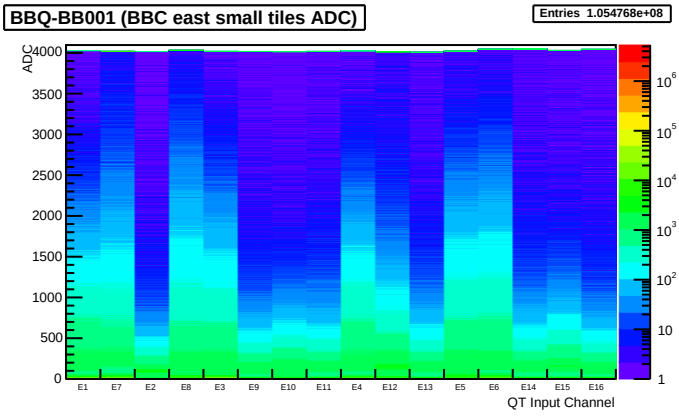

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.31846e+07
TAC sum
1st-Best
2nd-Best
ID

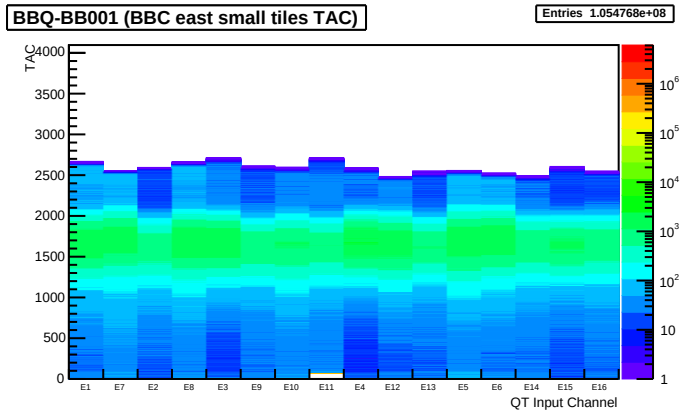

MIX-MT101 Input: VP003 Max TAC
Entries 6592299

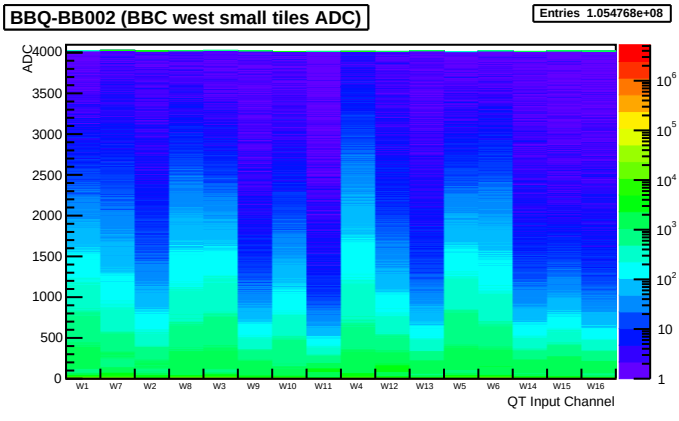

MIX-MT101 Input: VP004 Max TAC
Entries 6592299

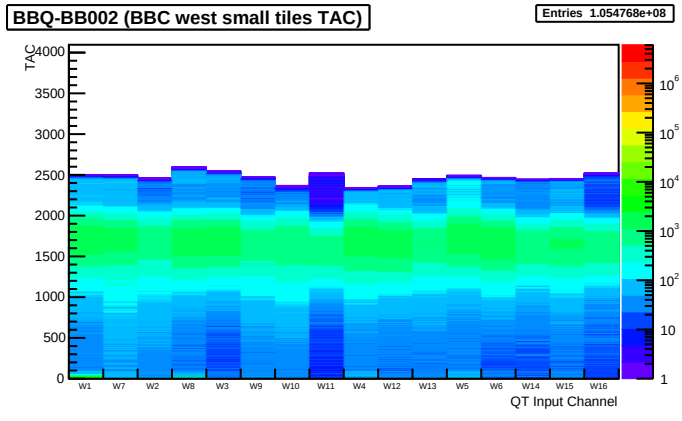

MXQ-PP001
Entries 1.054768e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

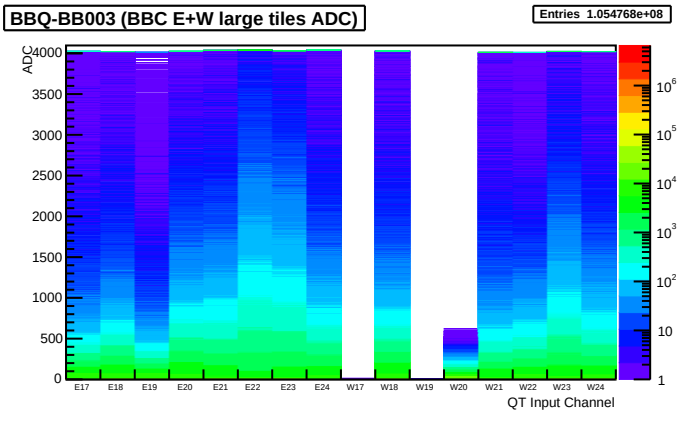

MXQ-PP001
Entries 1.054768e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

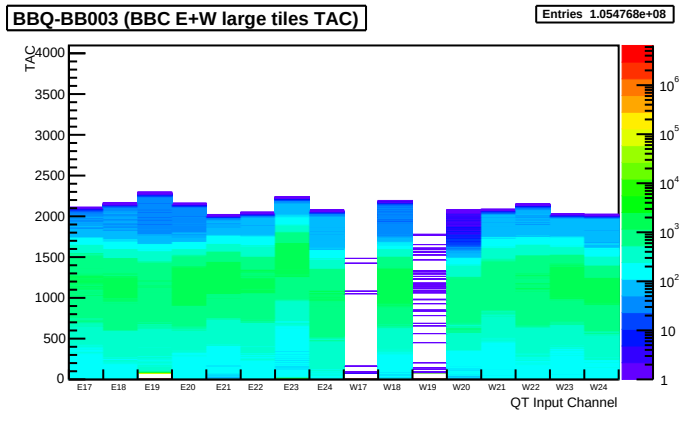

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.054768e+08
ADC
QT Input Channel

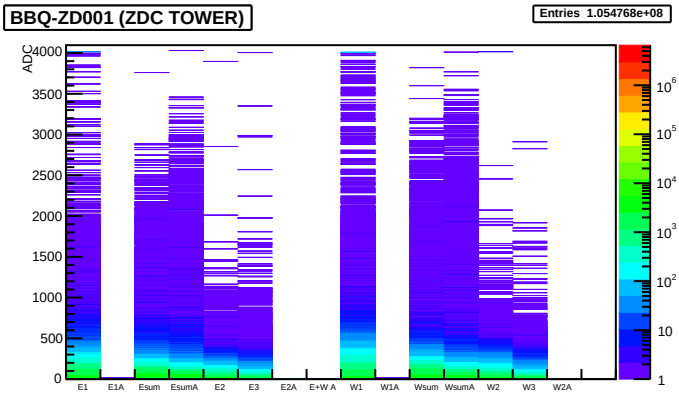

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.054768e+08
TAC
QT Input Channel

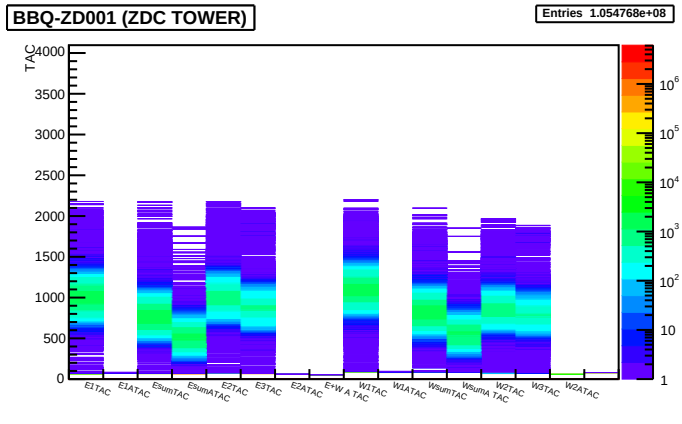

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.054768e+08
ADC
QT Input Channel

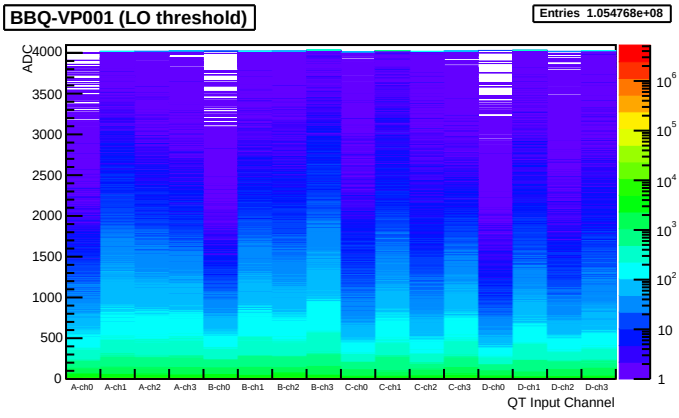

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.054768e+08
TAC
QT Input Channel

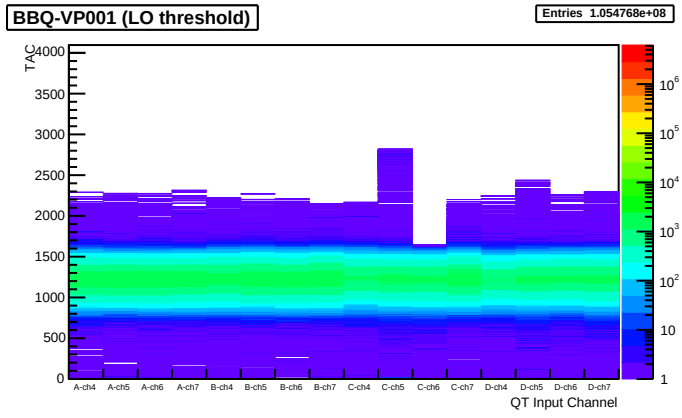

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.054768e+08
ADC
QT Input Channel

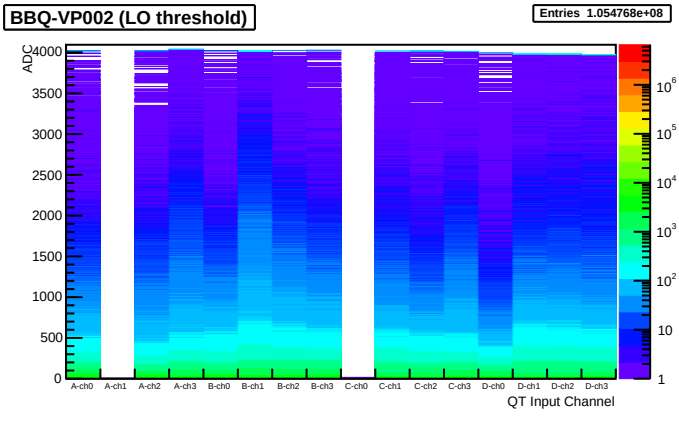

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.054768e+08
TAC
QT Input Channel

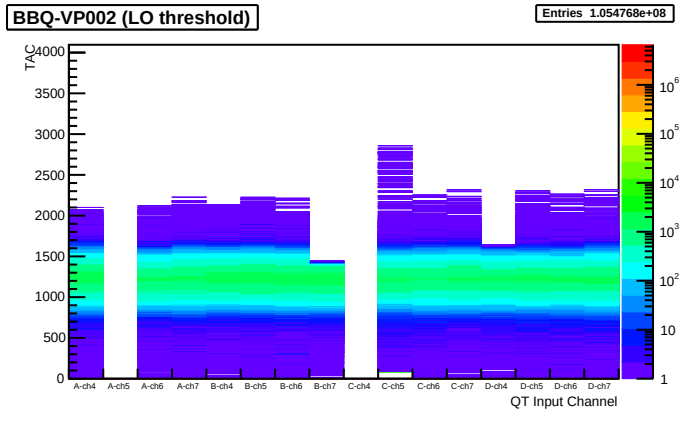

BBQ-ZD001 (ZDC TOWER)
Entries 1.054768e+08
ADC

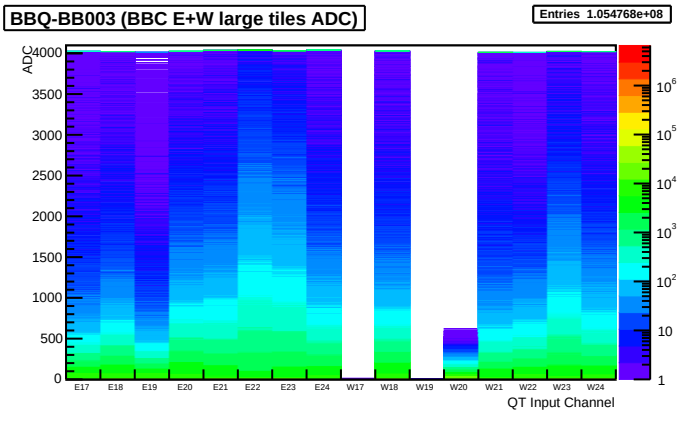

BBQ-ZD001 (ZDC TOWER)
Entries 1.054768e+08
TAC

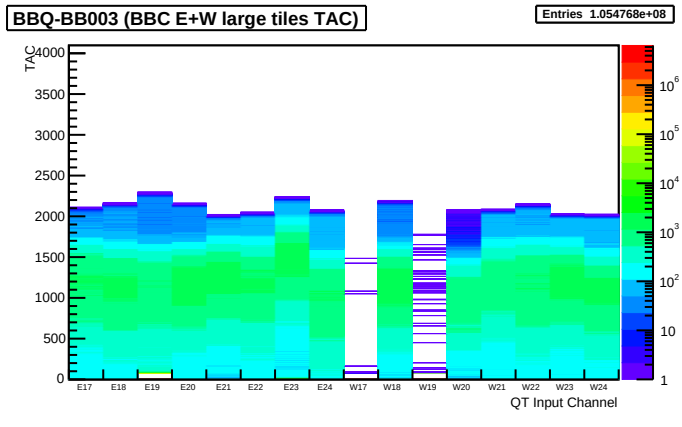

BBQ-VP001 (LO threshold)
Entries 1.054768e+08
ADC
QT Input Channel

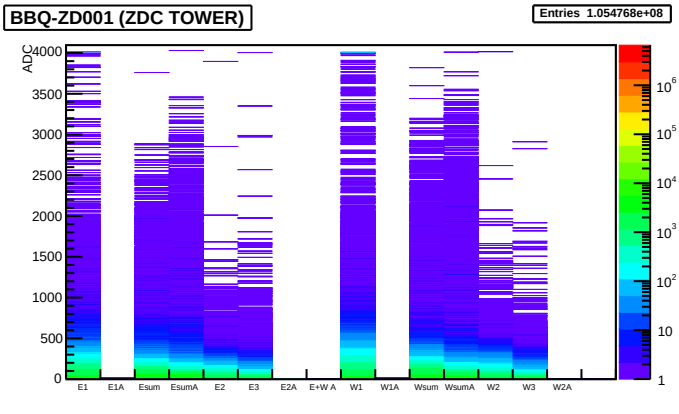

BBQ-VP001 (LO threshold)
Entries 1.054768e+08
TAC
QT Input Channel

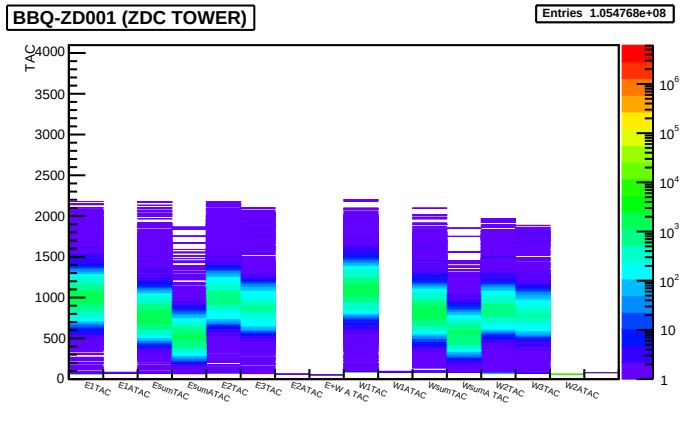

BBQ-VP002 (LO threshold)
Entries 1.054768e+08
ADC
QT Input Channel

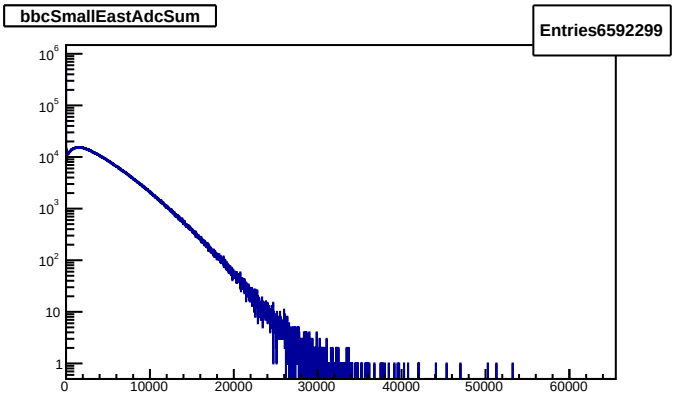

BBQ-VP002 (LO threshold)
Entries 1.054768e+08
TAC
QT Input Channel

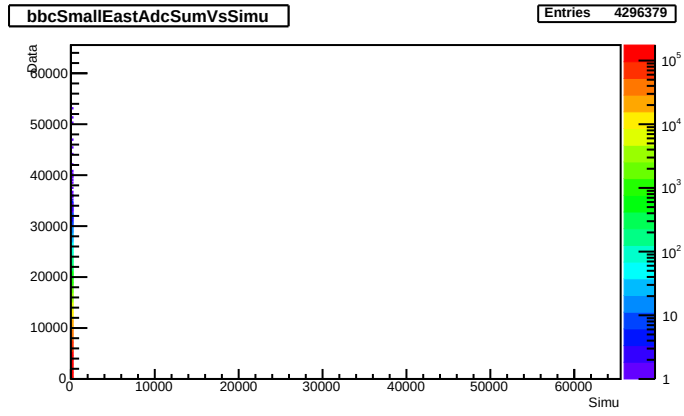

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.054768e+08
ADC
QT Input Channel

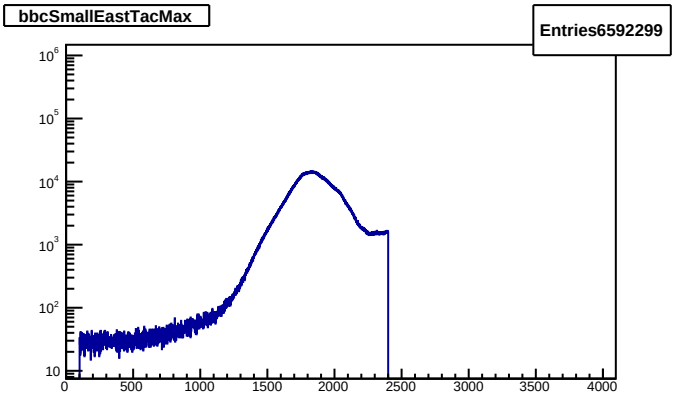

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.054768e+08
TAC
QT Input Channel

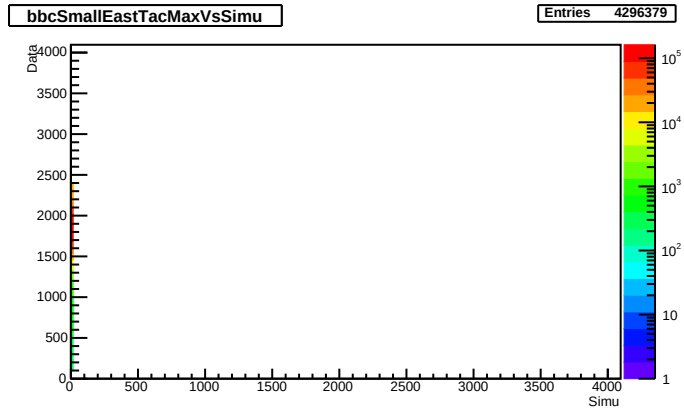

BBQ-ZD001 (ZDC TOWER)
Entries 1.054768e+08
ADC

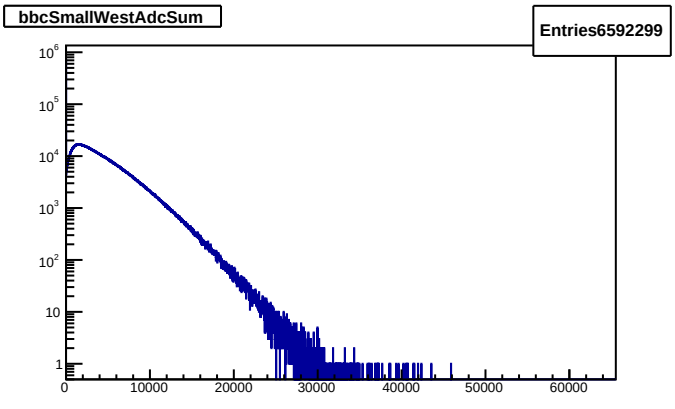

BBQ-ZD001 (ZDC TOWER)
Entries 1.054768e+08
TAC

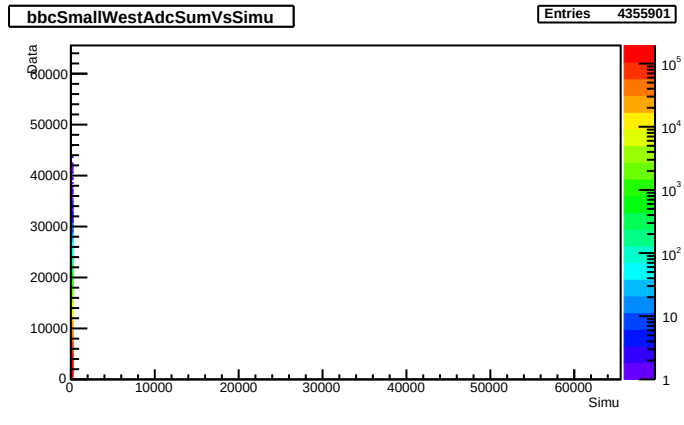

bbcSmallEastAdcSum
Entries6592299

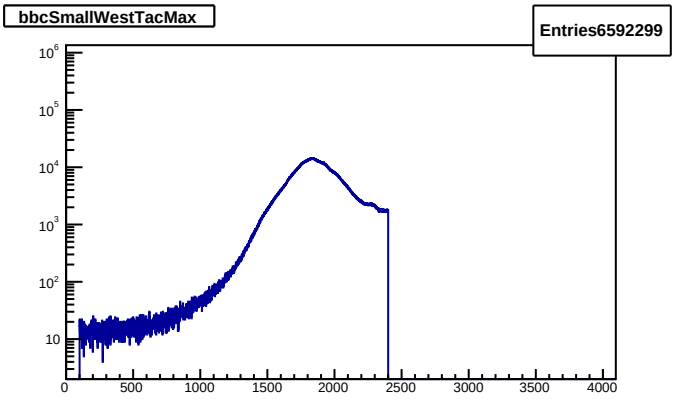

bbcSmallEastAdcSumVsSimu
Entries 4296379
Data
Simu

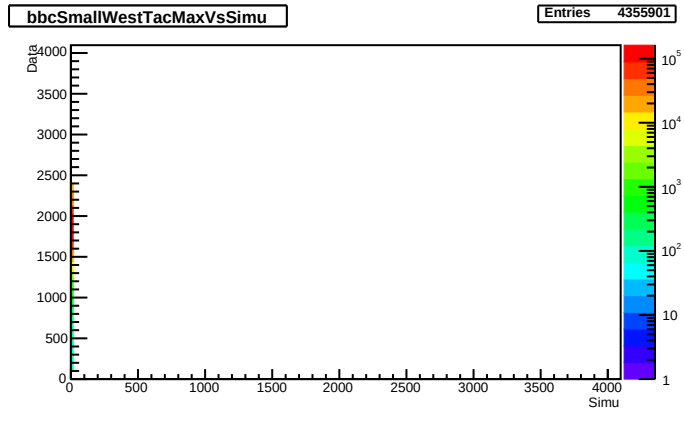

bbcSmallEastTacMax
Entries6592299

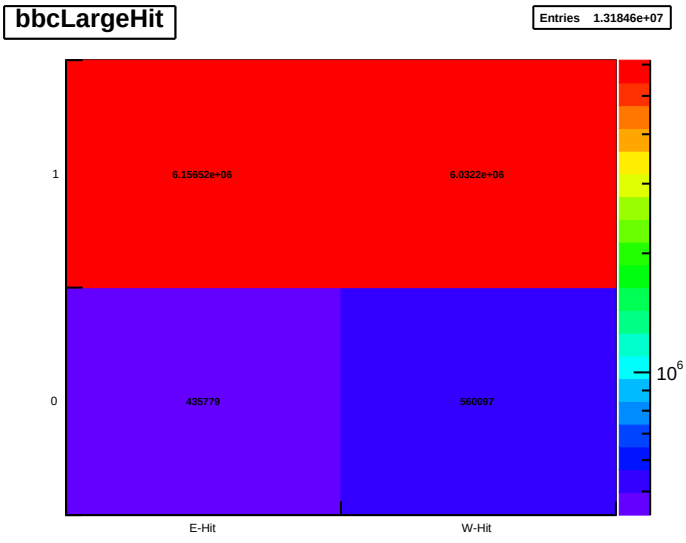

bbcSmallEastTacMaxVsSimu
Entries 4296379
Data
Simu

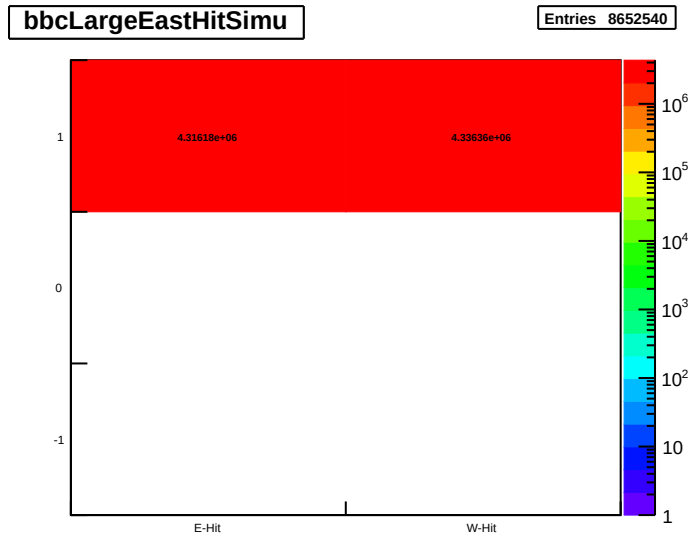

bbcSmallWestAdcSum
Entries6592299

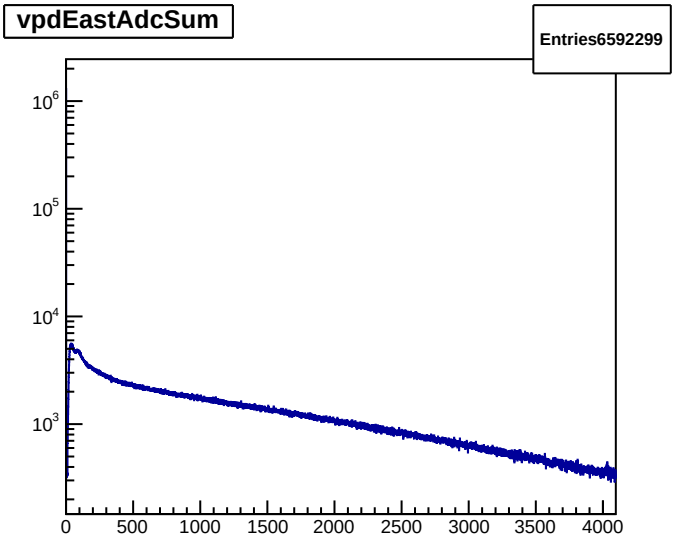

bbcSmallWestAdcSumVsSimu
Entries 4355901
Data
Simu

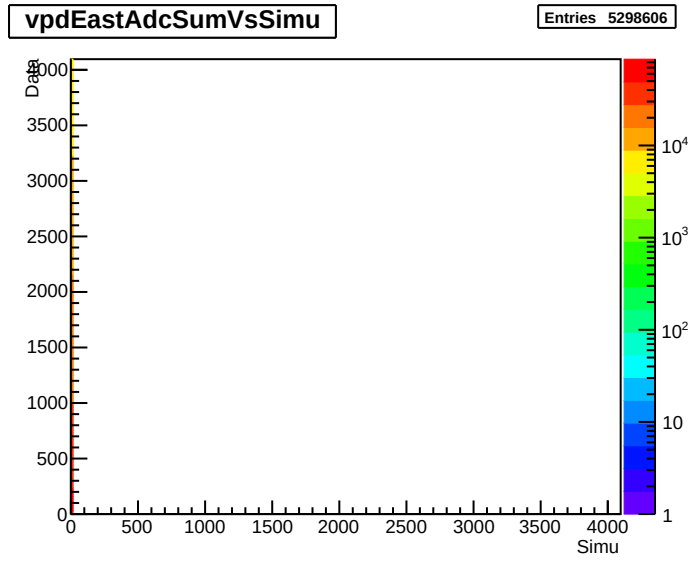

bbcSmallWestTacMax
Entries6592299

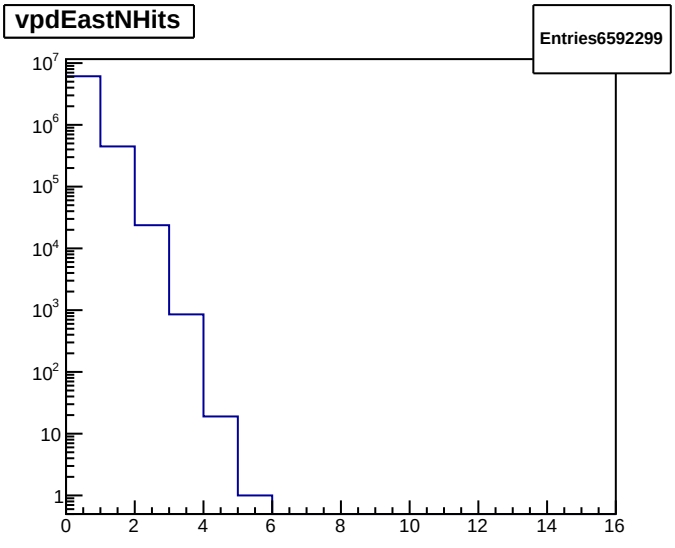

bbcSmallWestTacMaxVsSimu
Entries 4355901
Data
Simu

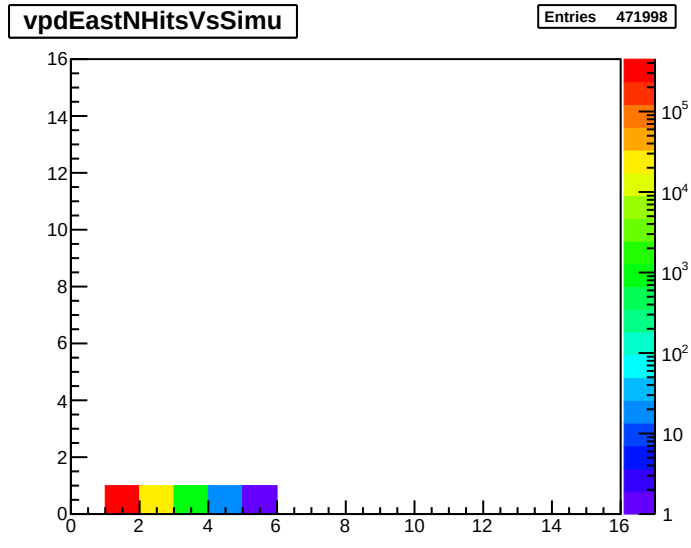

bbcLargeHit
Entries 1.31846e+07
1
0
6.15652e+06
6.0322e+06
435779
560097
E-Hit
W-Hit
10^6

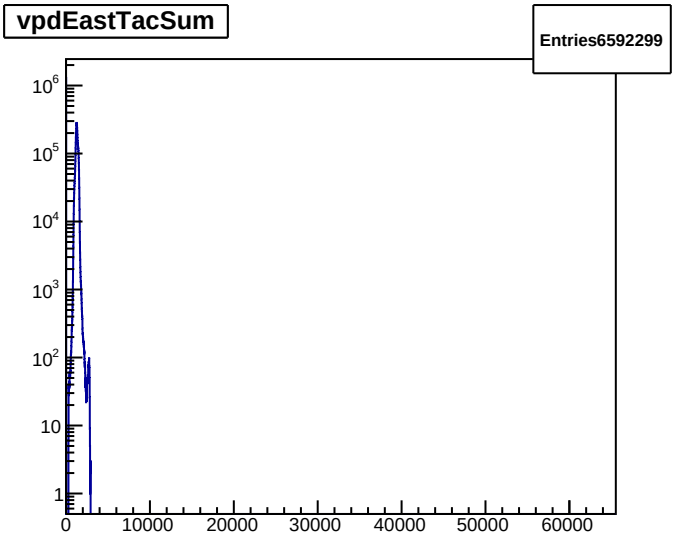

bbcLargeEastHitSimu
Entries 8652540
1
0
-1
4.31618e+06
4.33636e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

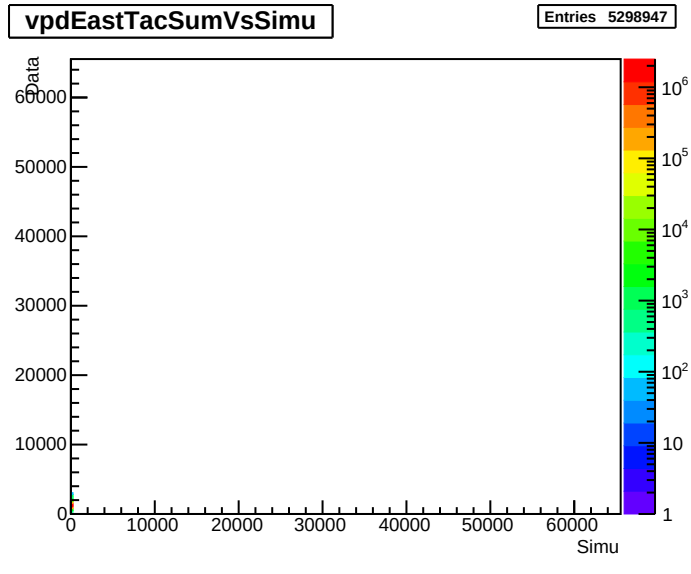

vpdEastAdcSum
Entries6592299

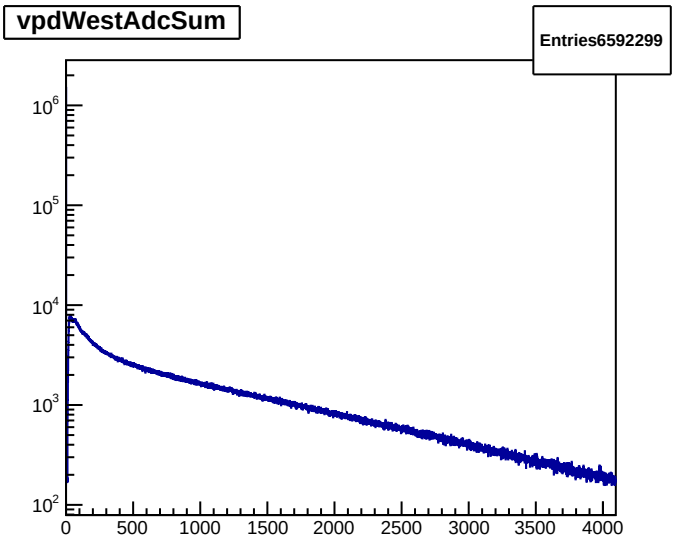

vpdEastAdcSumVsSimu
Entries 5298606
Data
Simu

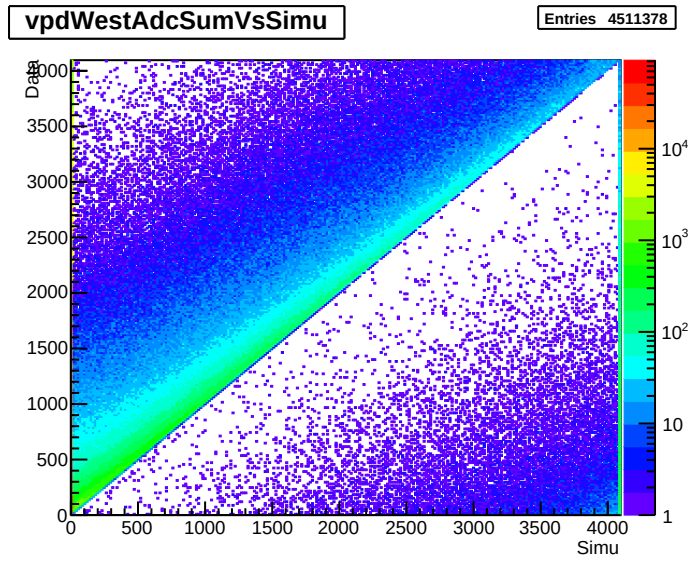

vpdEastNHits
Entries6592299

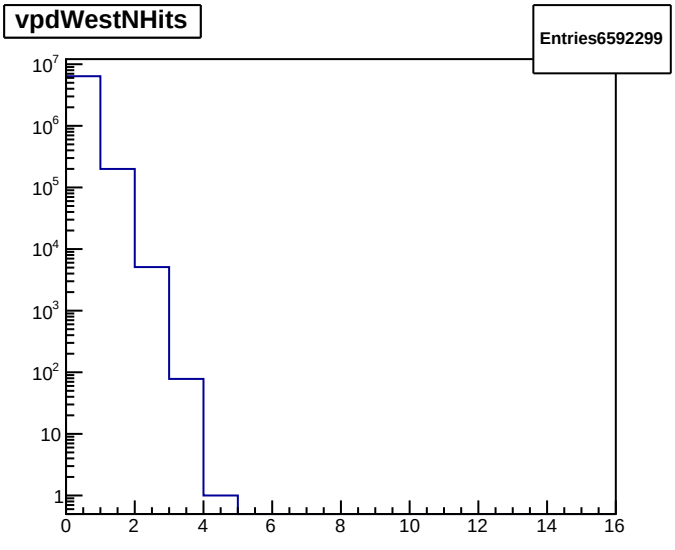

vpdEastNHitsVsSimu
Entries 471998

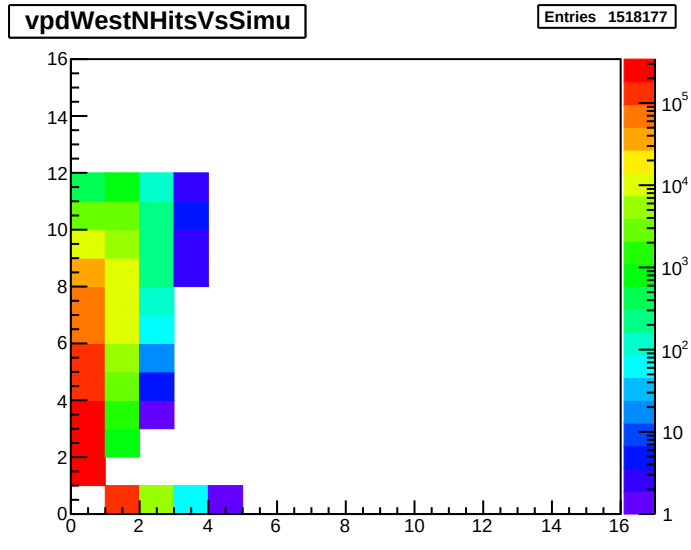

vpdEastTacSum
Entries6592299

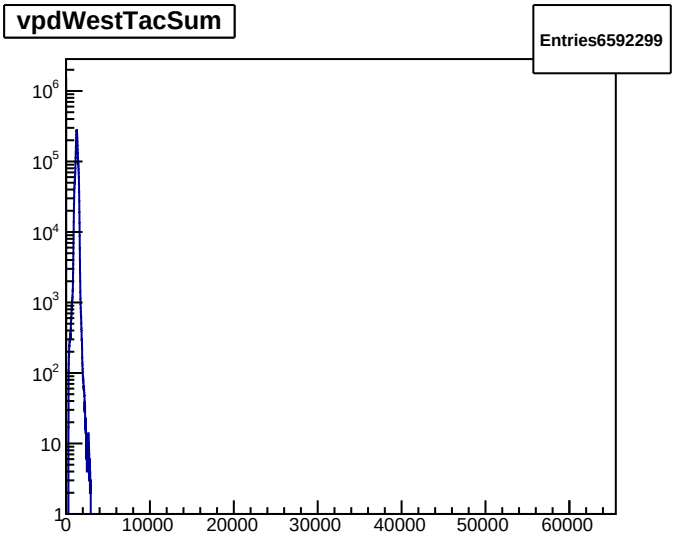

vpdEastTacSumVsSimu
Entries 5298947
Data
Simu

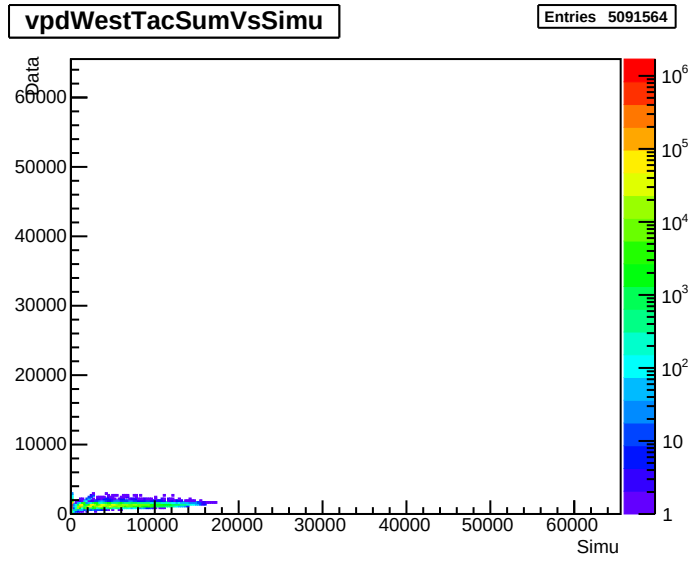

vpdWestAdcSum
Entries6592299

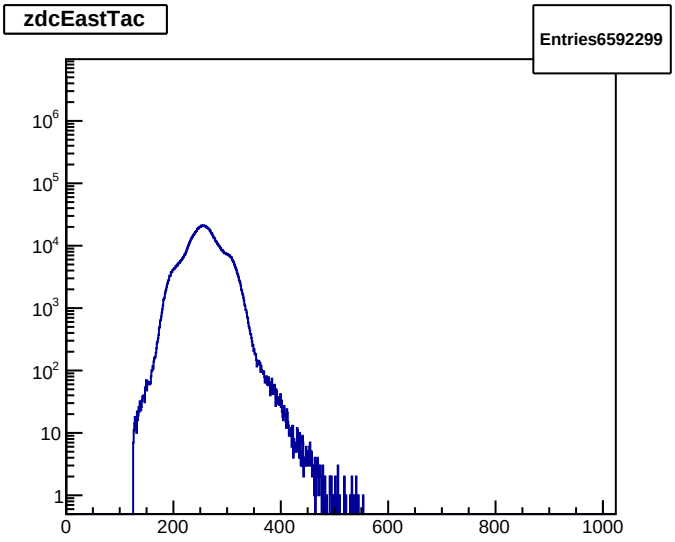

vpdWestAdcSumVsSimu
Entries 4511378
Data
Simu

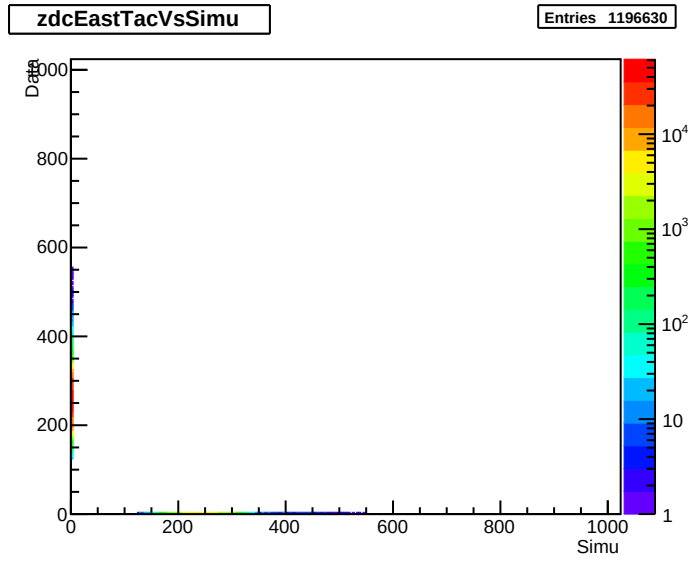

vpdWestNHits
Entries6592299

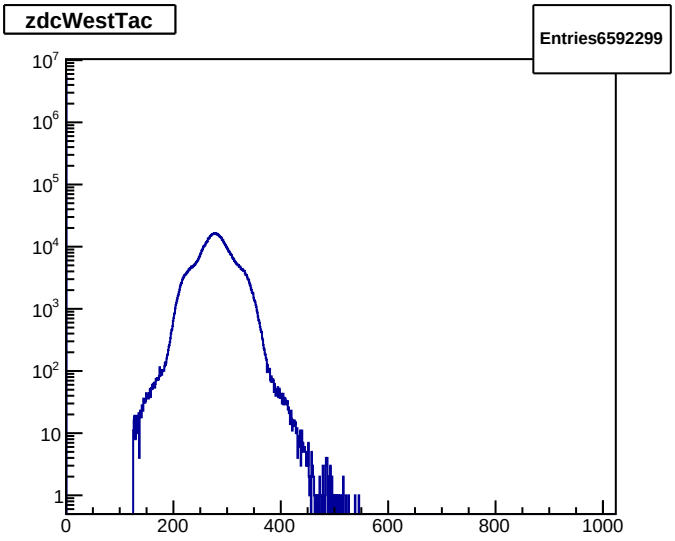

vpdWestNHitsVsSimu
Entries 1518177

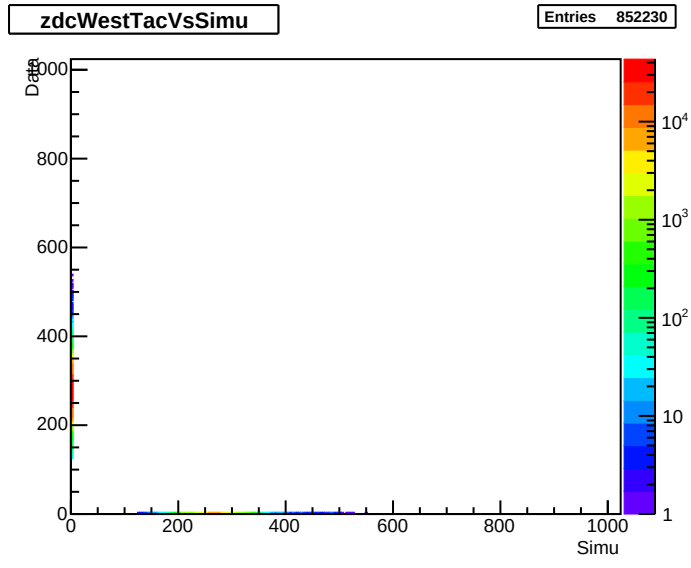

vpdWestTacSum
Entries6592299

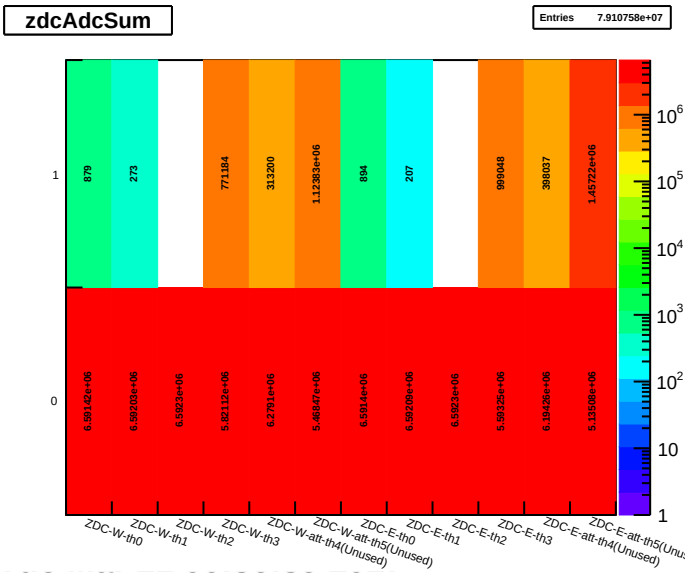

vpdWestTacSumVsSimu
Entries 5091564
Data
Simu

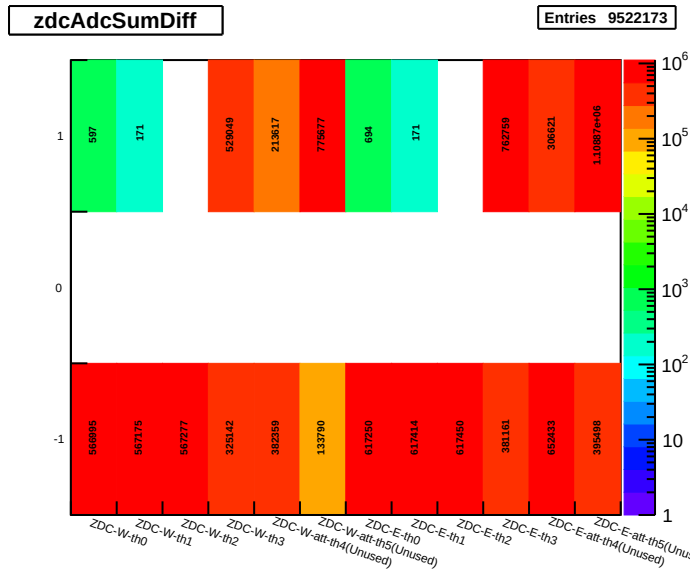

zdcEastTac
Entries6592299

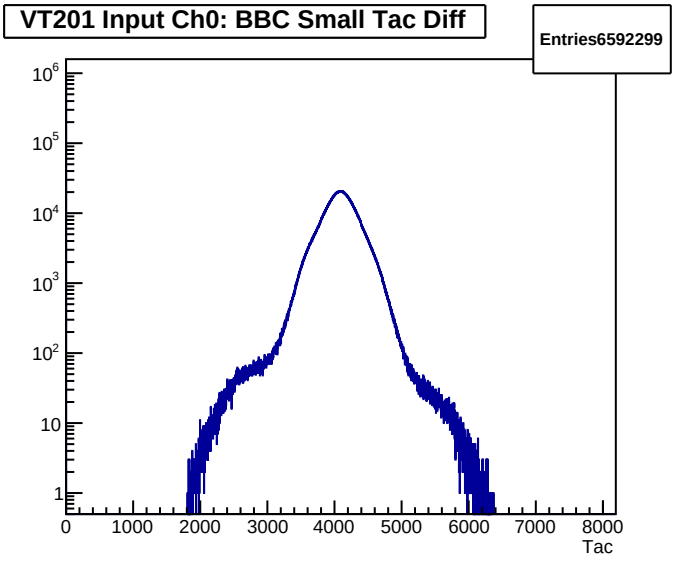

zdcEastTacVsSimu
Entries 1196630
Data
Simu

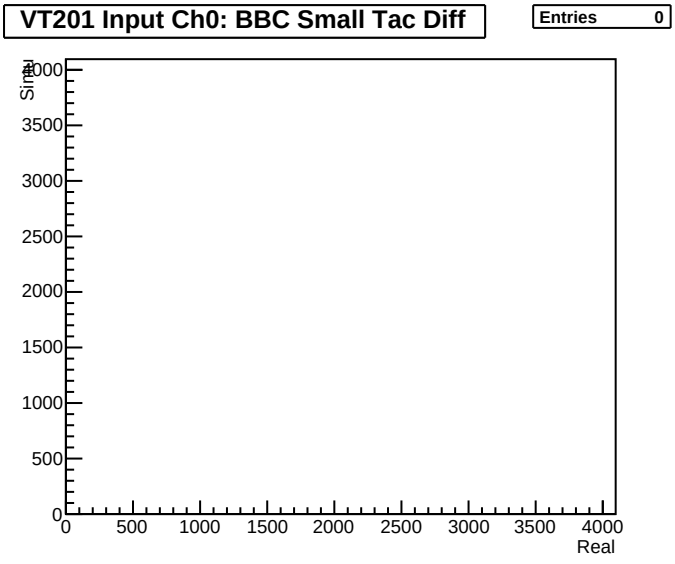

zdcWestTac
Entries6592299

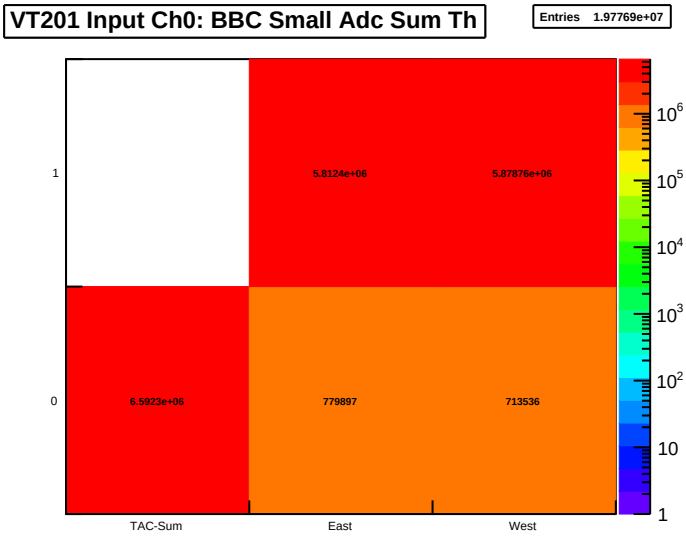

zdcWestTacVsSimu
Entries 852230
Data
Simu

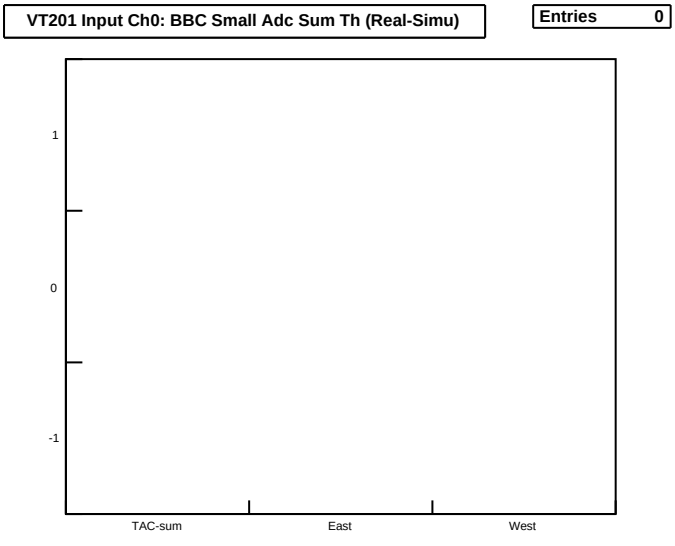

zdcAdcSum
Entries 7.910758e+07
879
273
771184
313200
1.12383e+06
894
207
999048
398037
1.45722e+06
6.59142e+06
6.59203e+06
6.5923e+06
5.82112e+06
6.2791e+06
5.46847e+06
6.5914e+06
6.59208e+06
6.5923e+06
5.58325e+06
6.19426e+06
5.13508e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

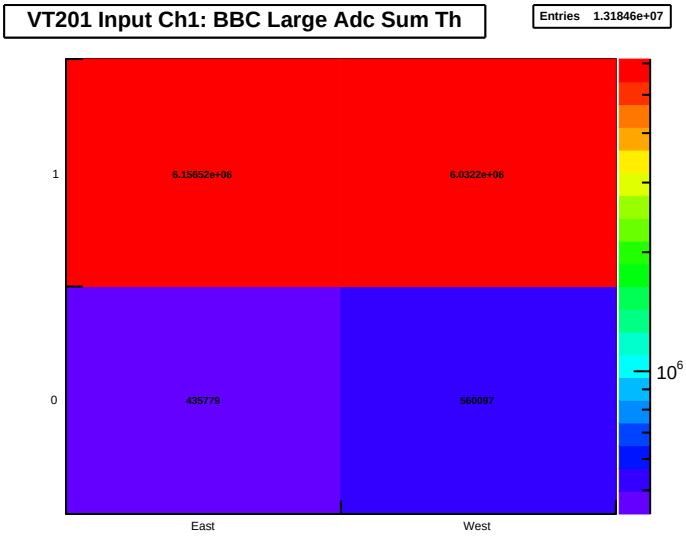

zdcAdcSumDiff
Entries 9522173
597
171
529049
213617
775877
694
171
762759
306621
1.10887e+06
566995
567175
567277
325142
382359
133790
617250
617414
617450
381161
652433
395498
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

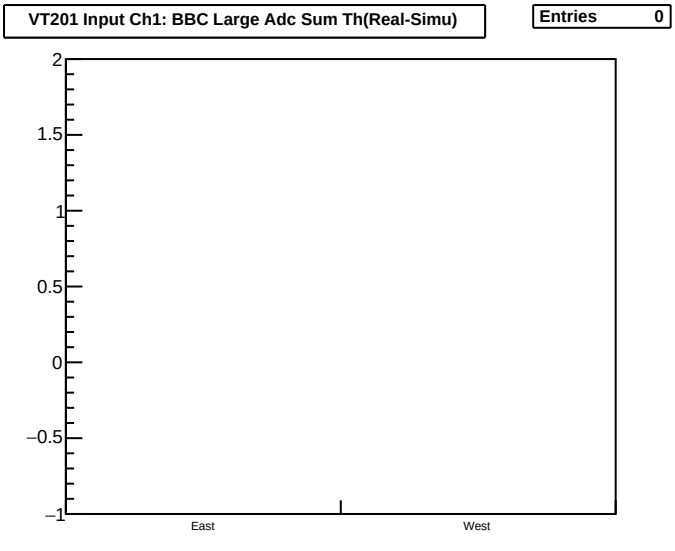

VT201 Input Ch0: BBC Small Tac Diff
Entries6592299
Tac


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

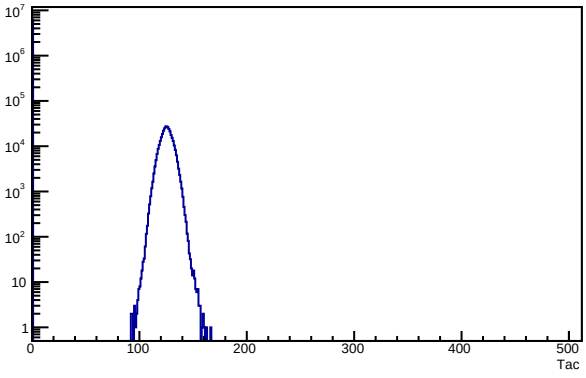

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.97769e+07
5.8124e+06
5.87876e+06
6.5923e+06
779897
713536
TAC-Sum
East
West


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

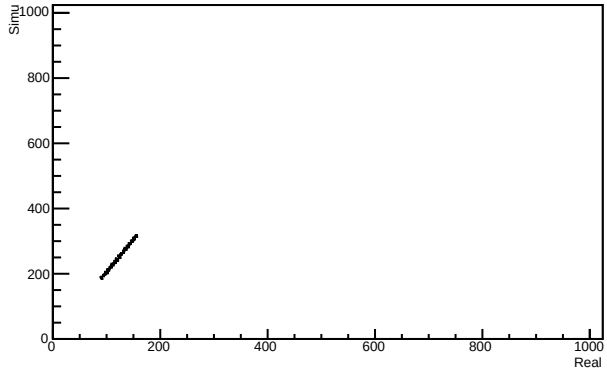

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.31846e+07
6.15652e+06
6.0322e+06
435779
560097
East
West


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

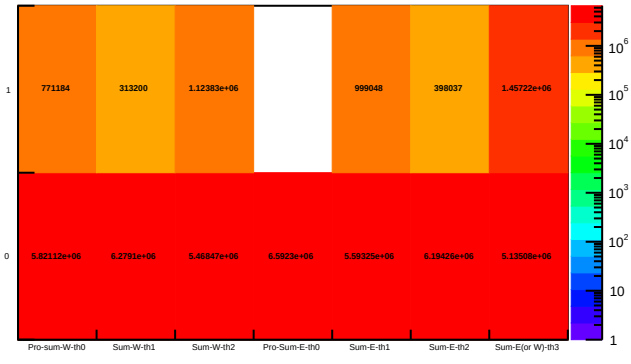
VT201 Input Ch2: ZDC Tac Diff



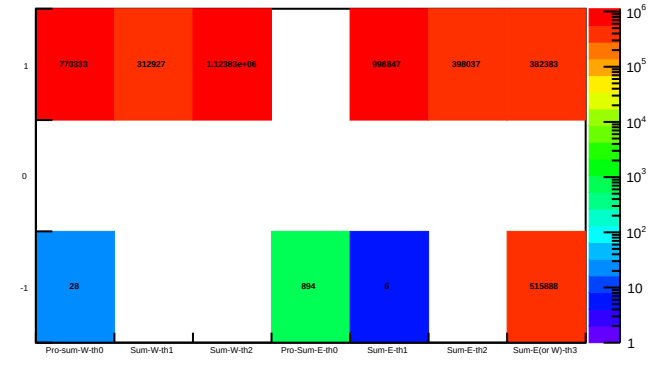
VT201 Input Ch2: ZDC Tac Diff



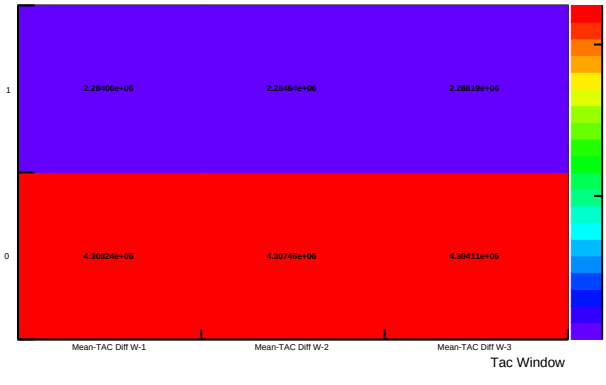
VT201 Input Ch2: ZDC Adc Sum Th



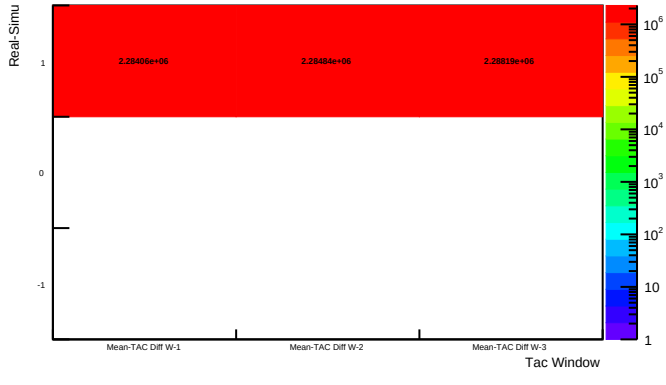
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



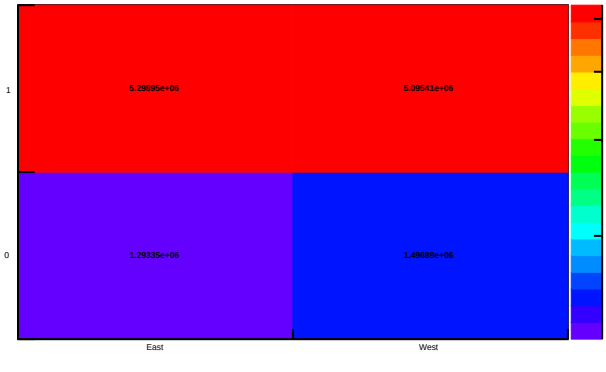
VT201 Input Ch4: VPD Tac Diff



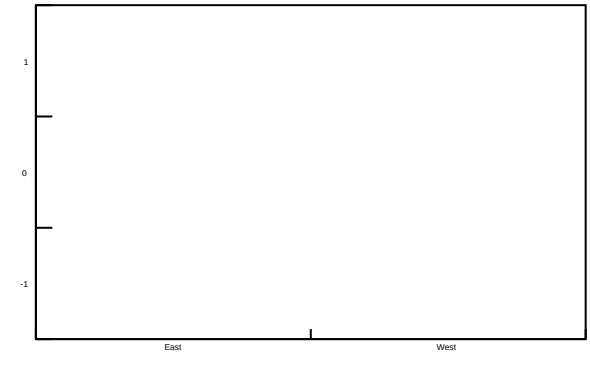
VT201 Input Ch4: VPD Tac Diff

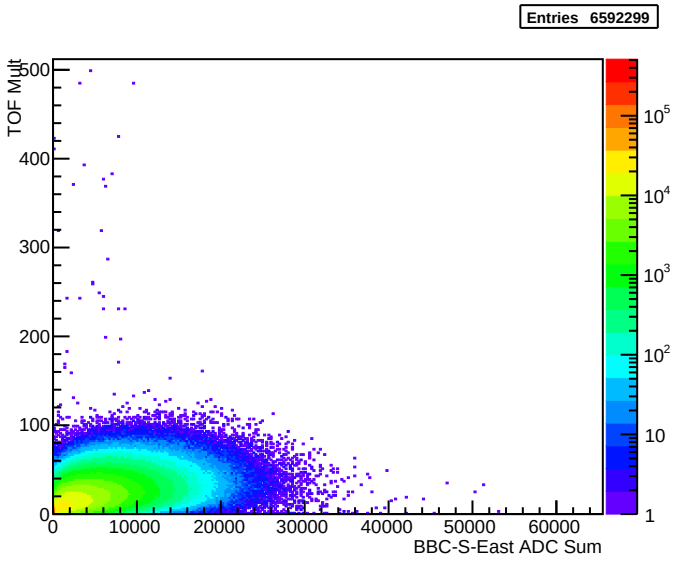


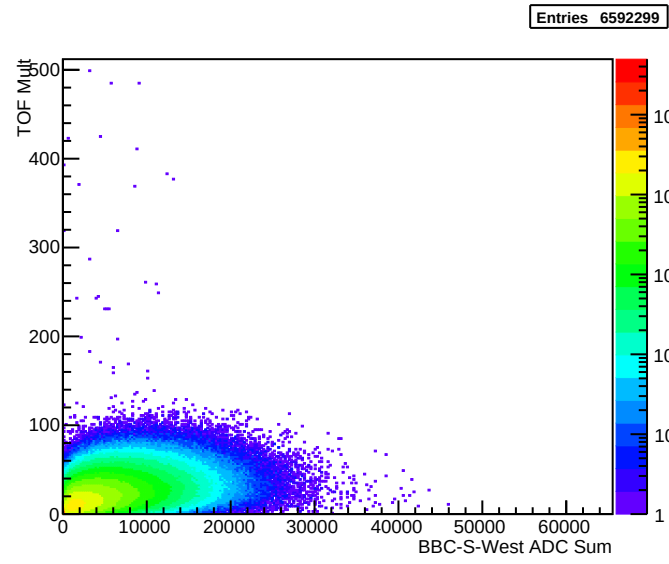
VT201 Input Ch4: VPD Adc Sum Th

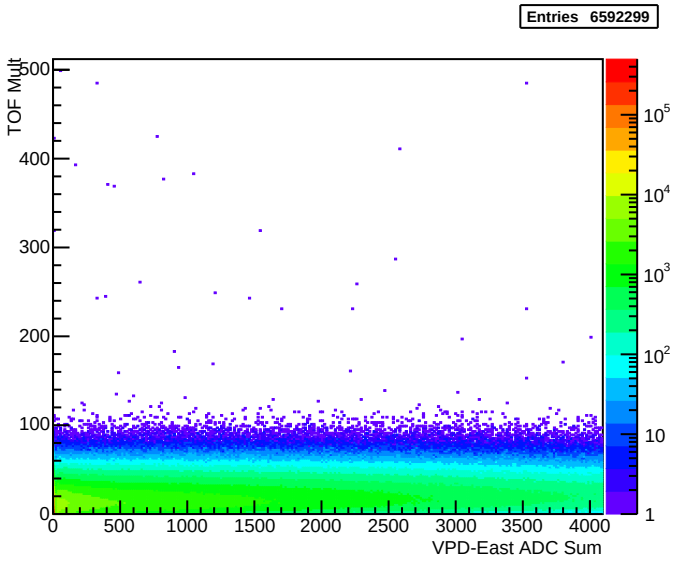


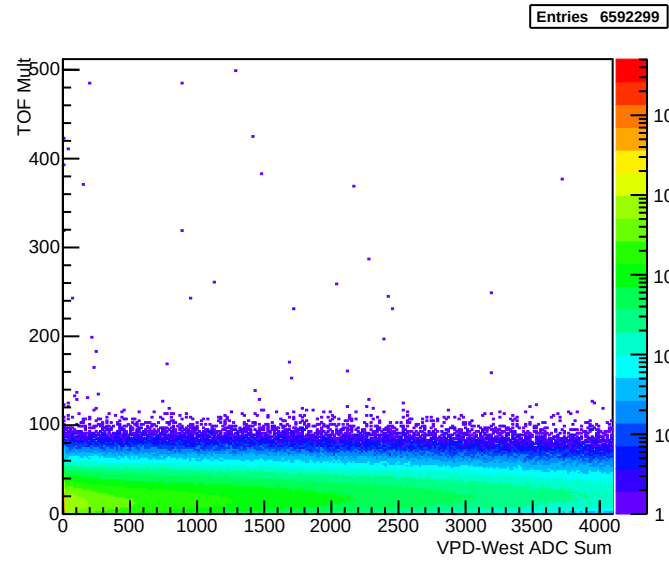
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

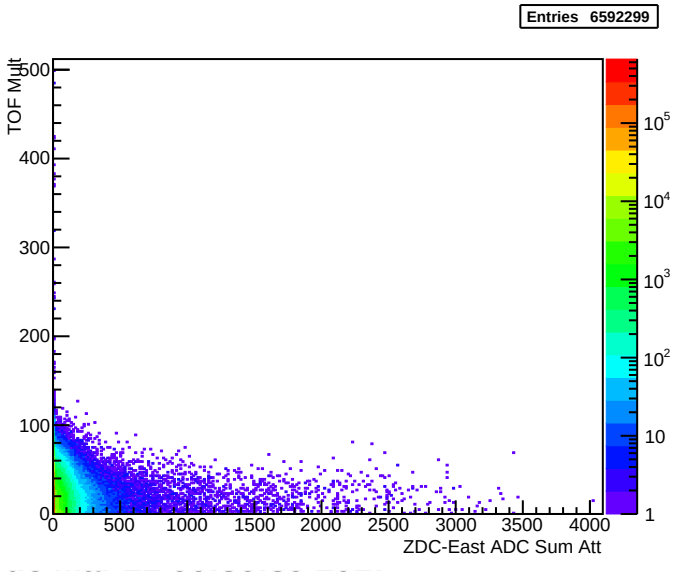


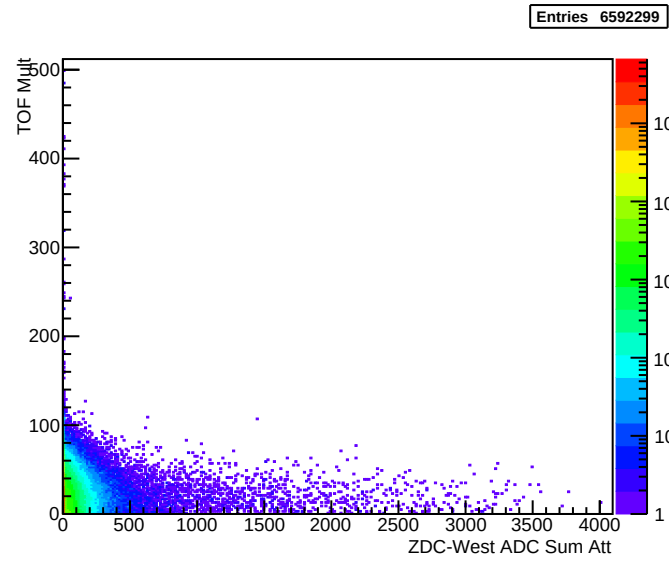

Entries 6592299
TOF Mult
BBC-S-East ADC Sum

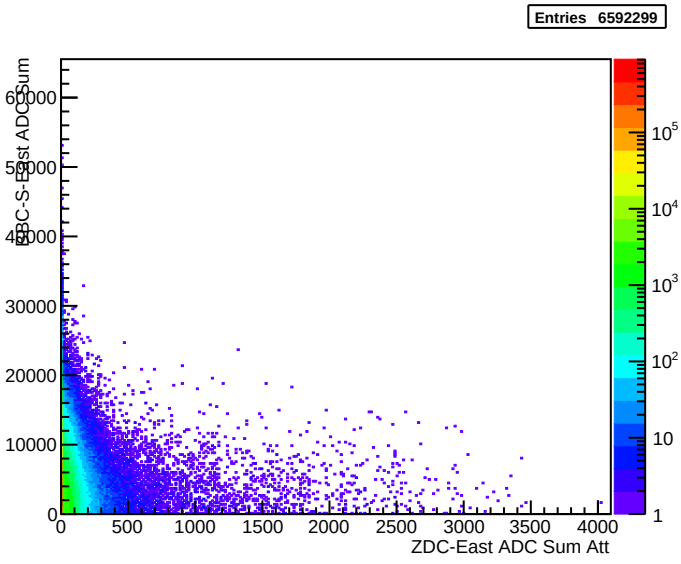

Entries 6592299
TOF Mult
BBC-S-West ADC Sum

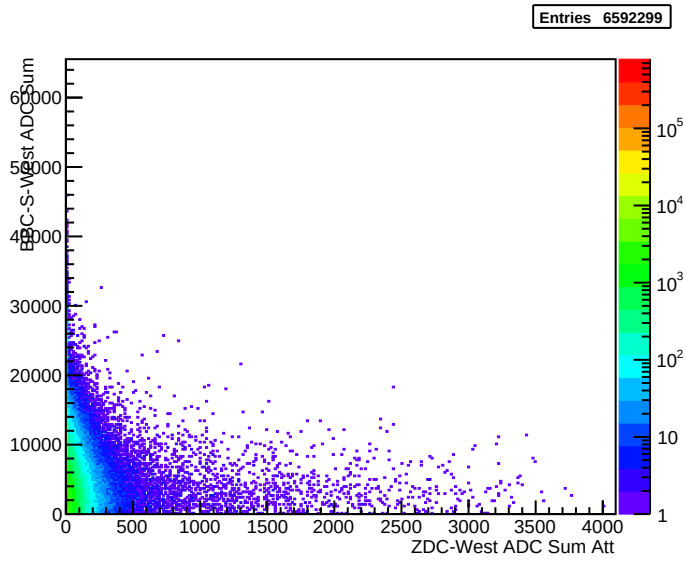

Entries 6592299
TOF Mult
VPD-East ADC Sum

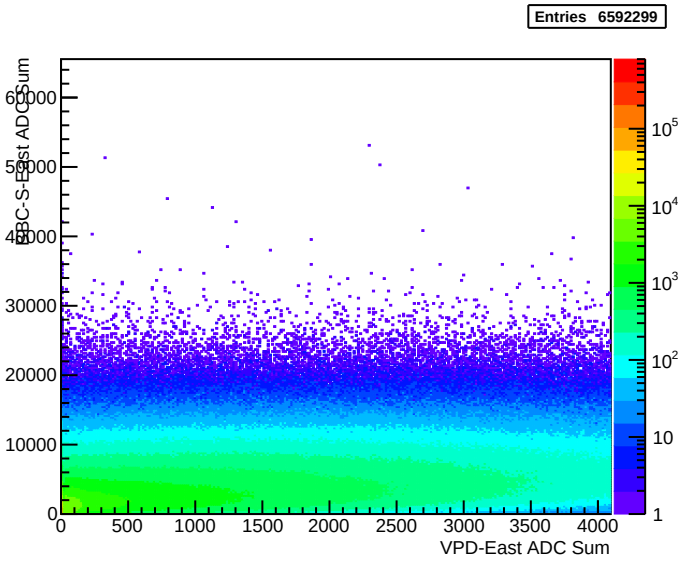

Entries 6592299
TOF Mult
VPD-West ADC Sum

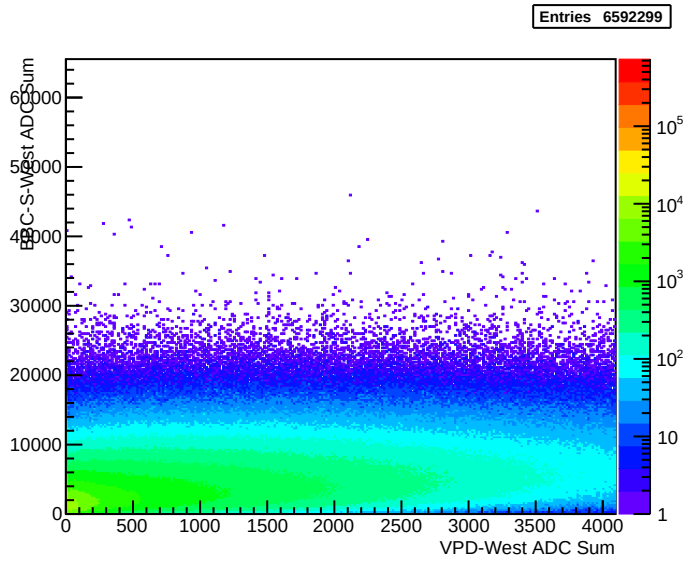

Entries 6592299
TOF Mult
ZDC-East ADC Sum Att

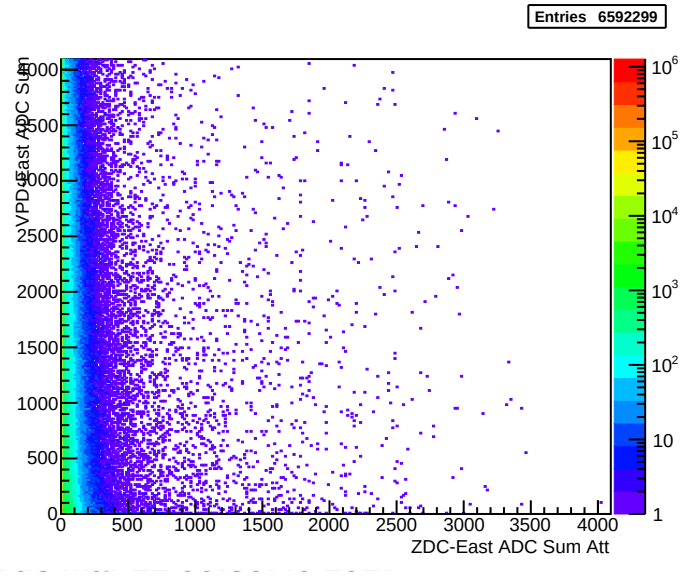

Entries 6592299
TOF Mult
ZDC-West ADC Sum Att

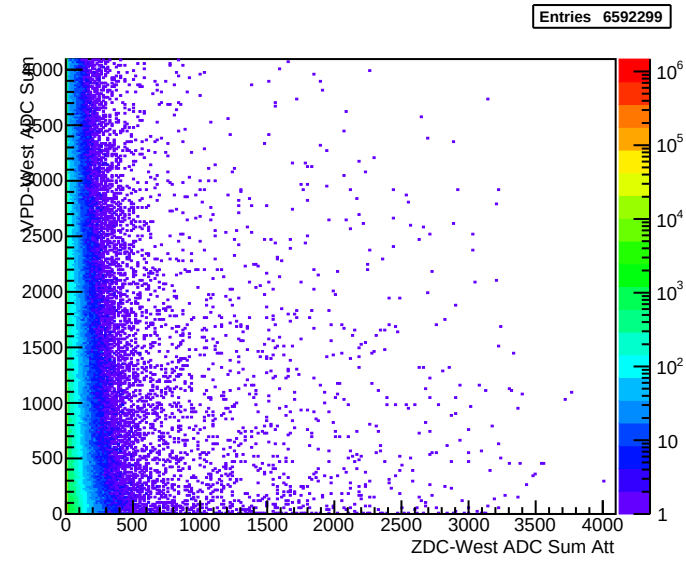

Entries 6592299
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

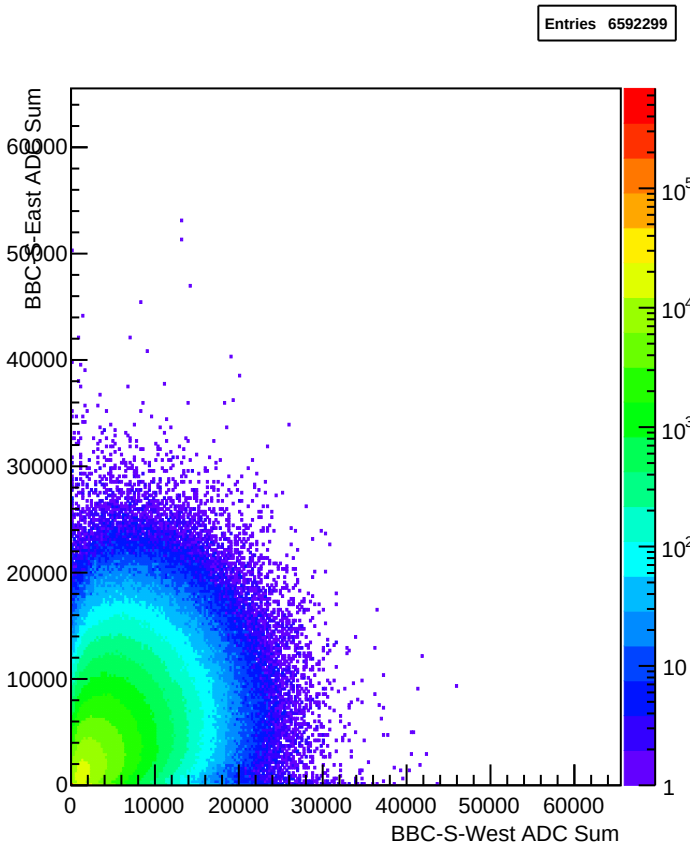

Entries 6592299
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

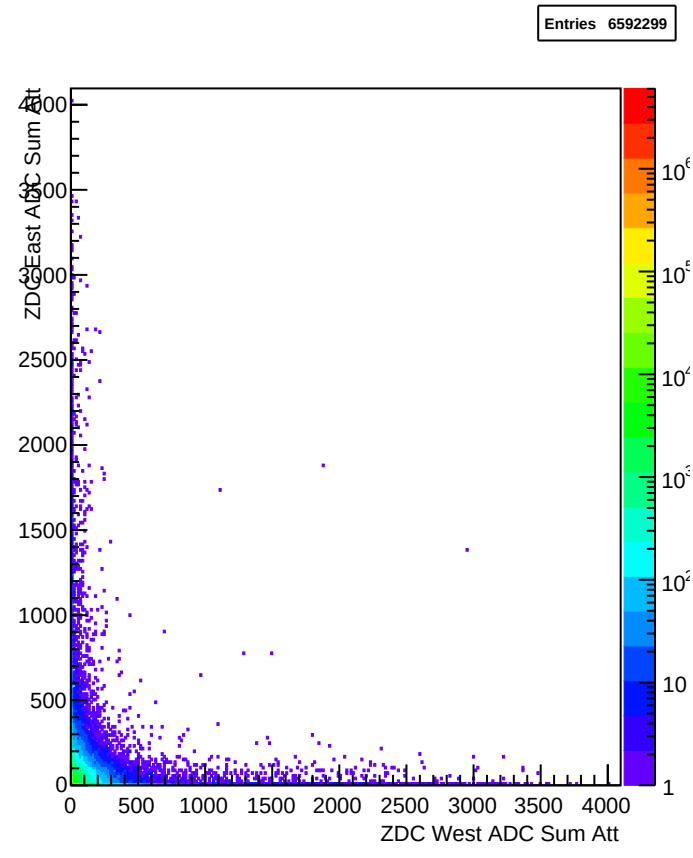

Entries 6592299
BBC-S-East ADC Sum
VPD-East ADC Sum

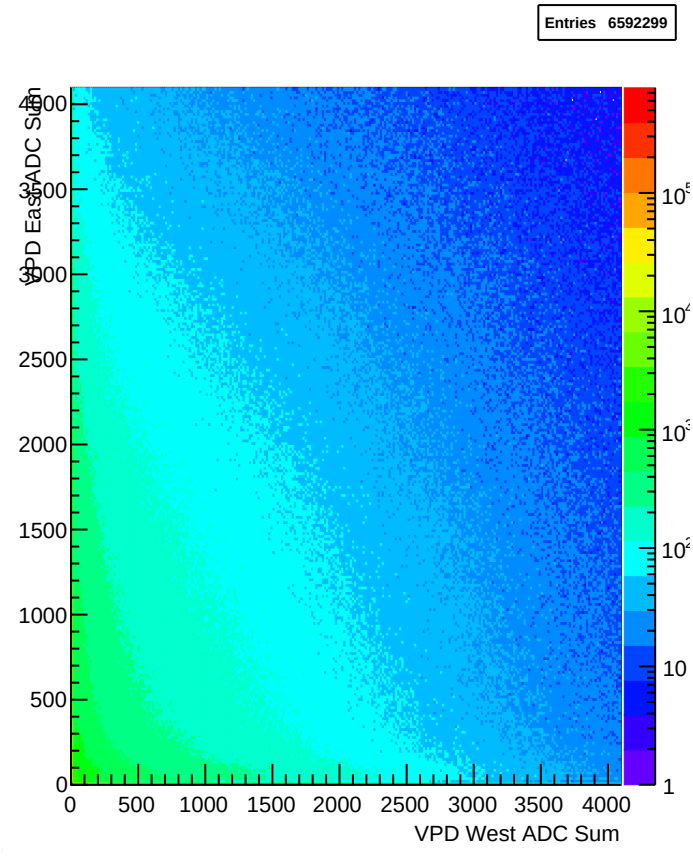

Entries 6592299
BBC-S-West ADC Sum
VPD-West ADC Sum

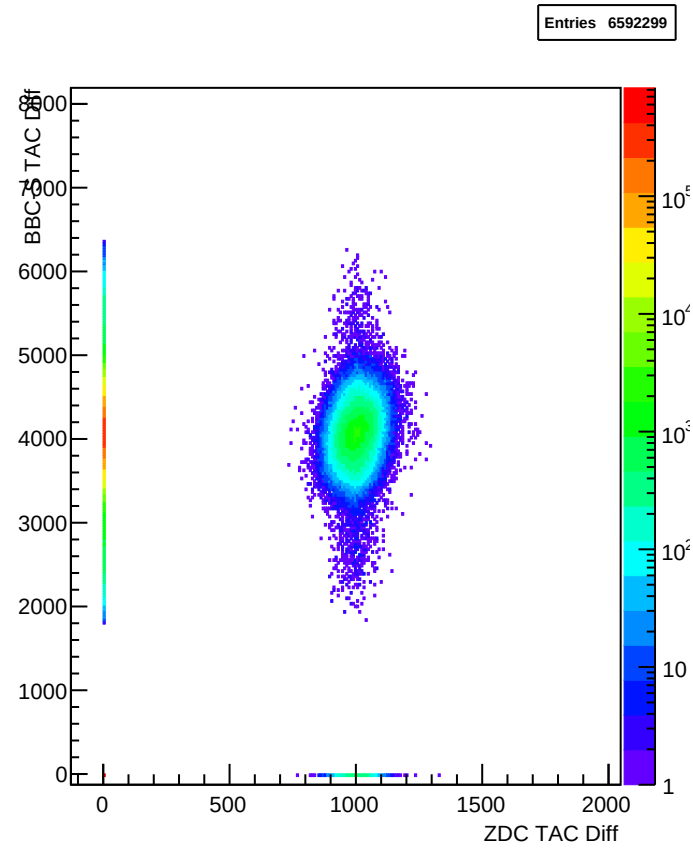

Entries 6592299
VPD-East ADC Sum
ZDC-East ADC Sum Att

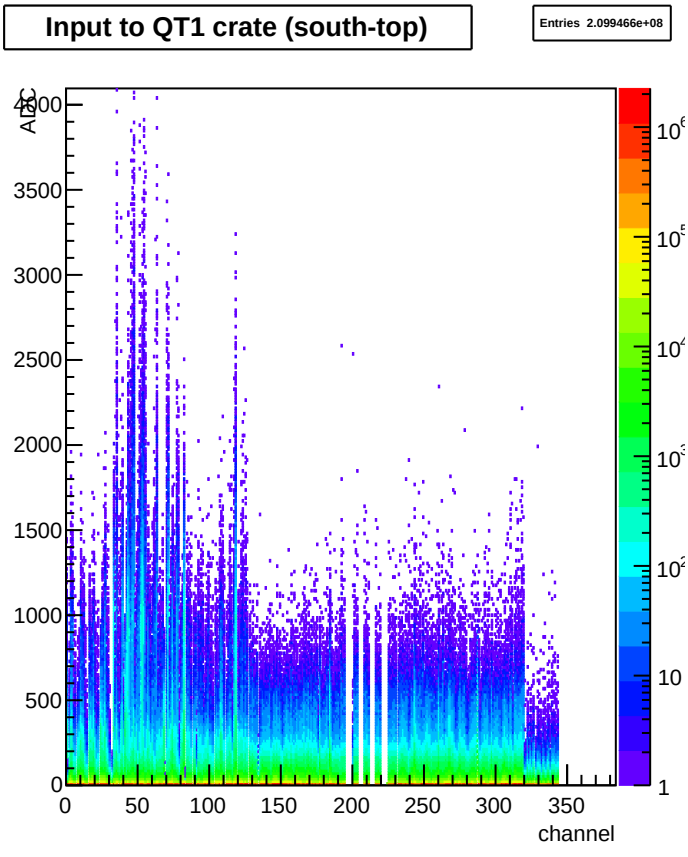

Entries 6592299
VPD-West ADC Sum
ZDC-West ADC Sum Att

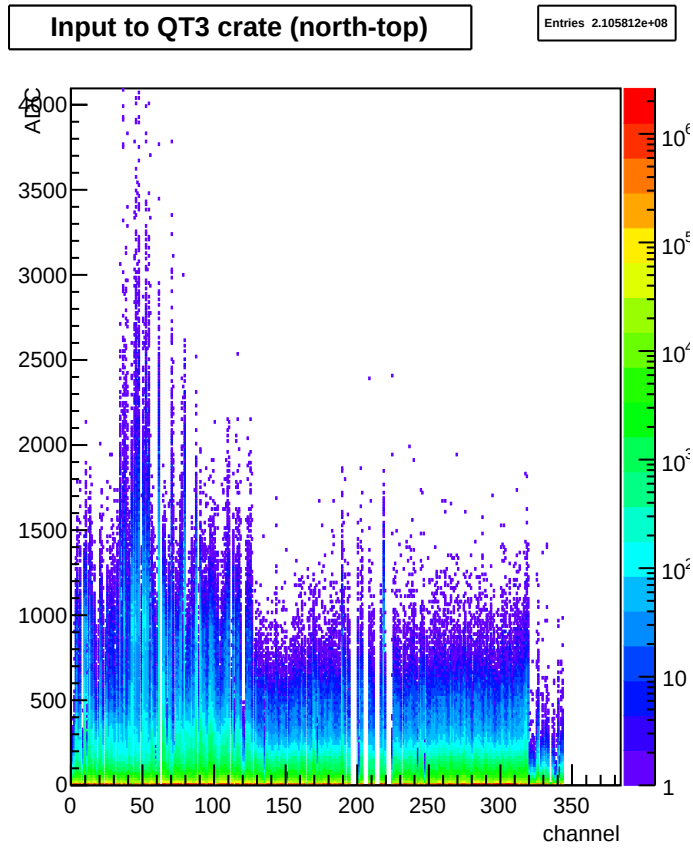

Entries 6592299
BBC-S-East ADC Sum
BBC-S-West ADC Sum

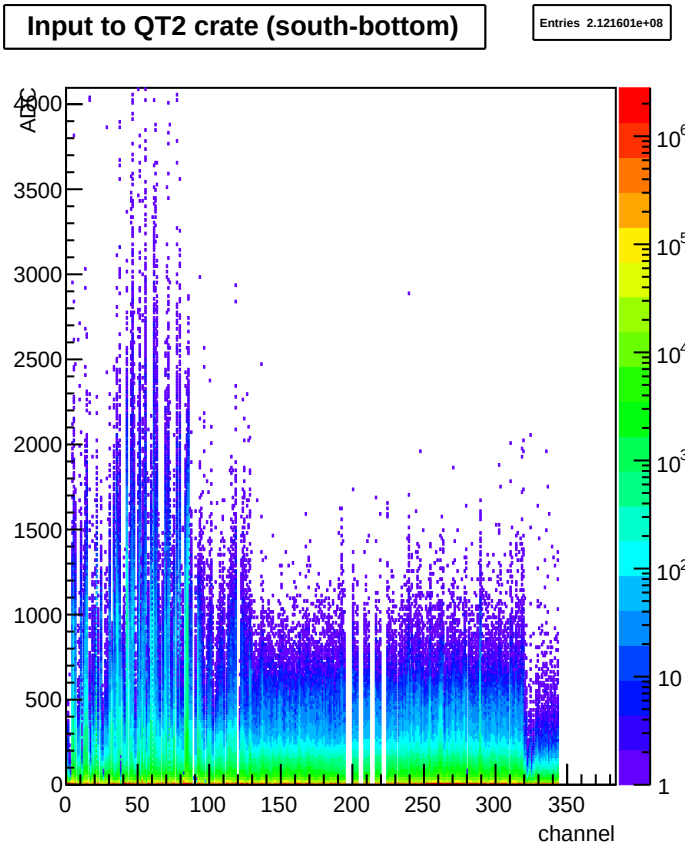

Entries 6592299
ZDC East ADC Sum Att
ZDC West ADC Sum Att

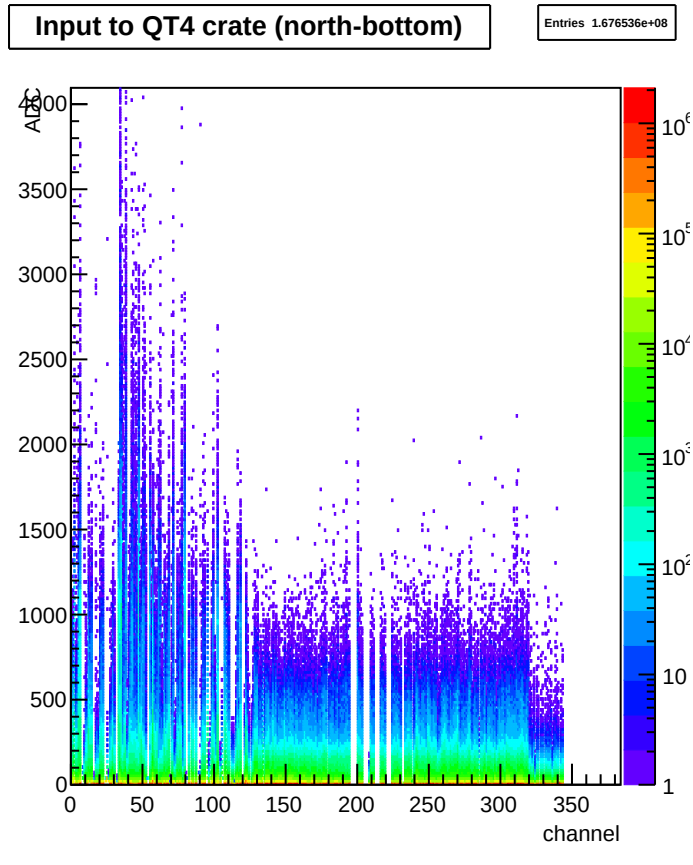

Entries 6592299
VPD East ADC Sum
VPD West ADC Sum

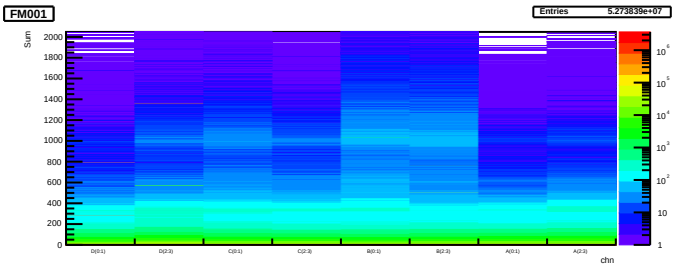

Entries 6592299
BBC-S TAC Diff
ZDC TAC Diff

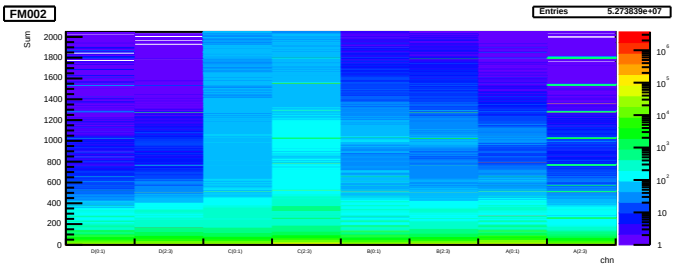

Input to QT1 crate (south-top)
Entries 2.099466e+08
ADC
channel

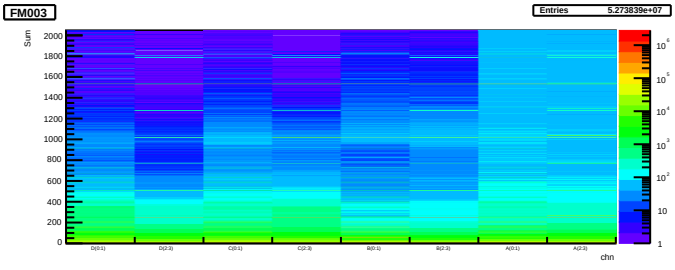

Input to QT3 crate (north-top)
Entries 2.105812e+08
ADC
channel

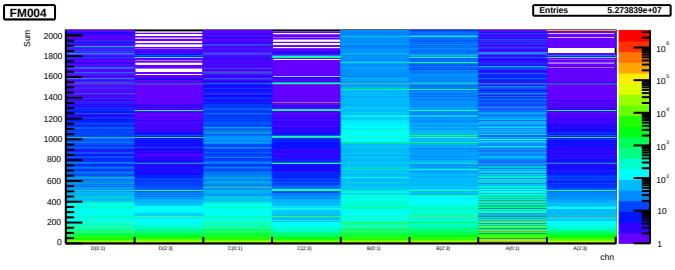

Input to QT2 crate (south-bottom)
Entries 2.121601e+08
ADC
channel

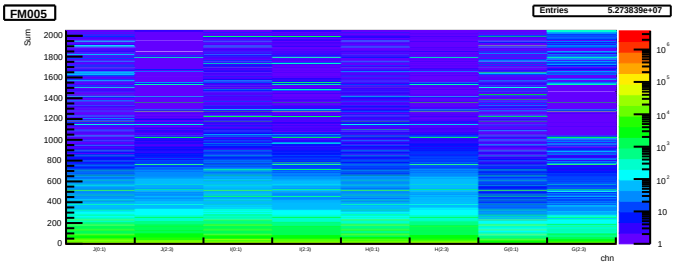

Input to QT4 crate (north-bottom)
Entries 1.676536e+08
ADC
channel

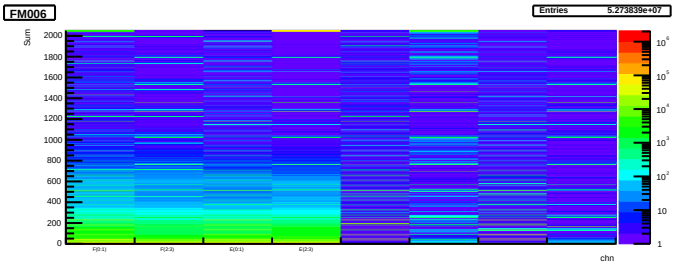

FM001
Entries 5.273839e+07
Sum
chn

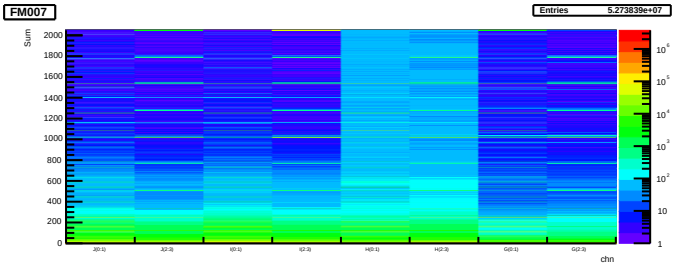

FM002
Entries 5.273839e+07
Sum
chn

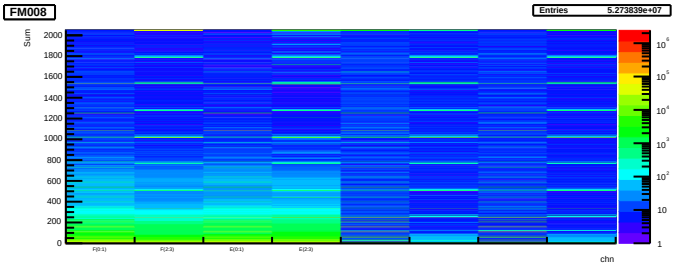

FM003
Entries 5.273839e+07
Sum
chn


FM004
Entries 5.273839e+07
Sum
chn


FM005
Entries 5.273839e+07
Sum
chn


FM006
Entries 5.273839e+07
Sum
chn


FM007
Entries 5.273839e+07
Sum
chn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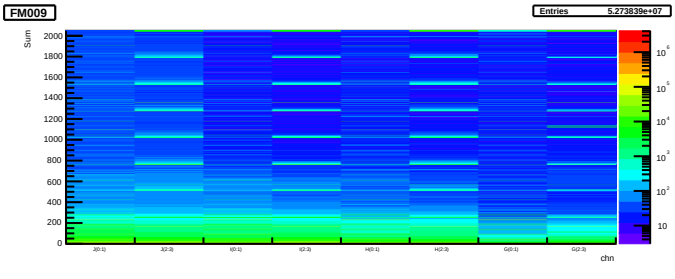
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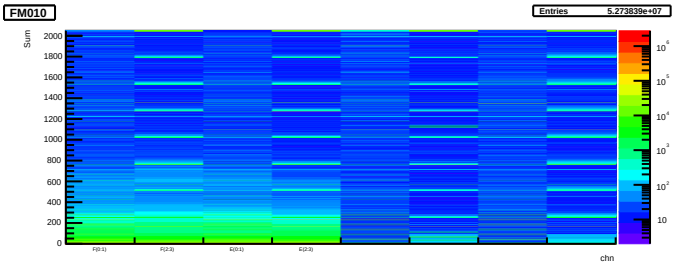
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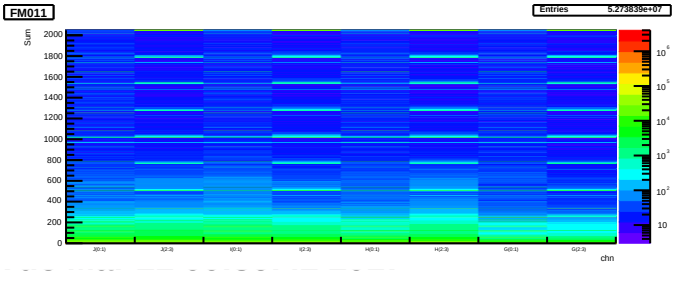
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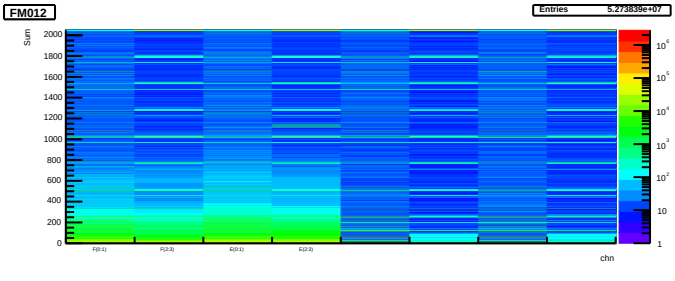
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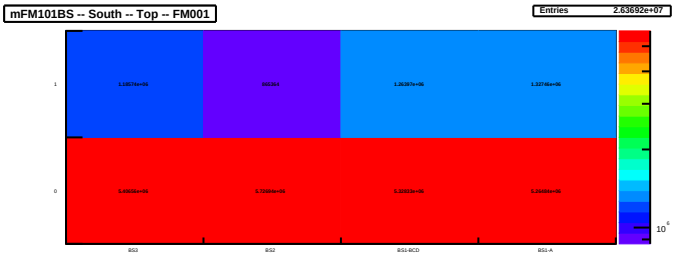
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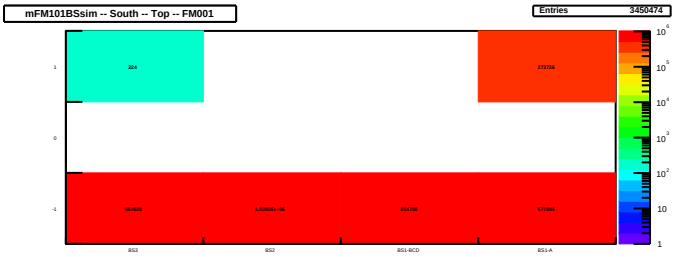
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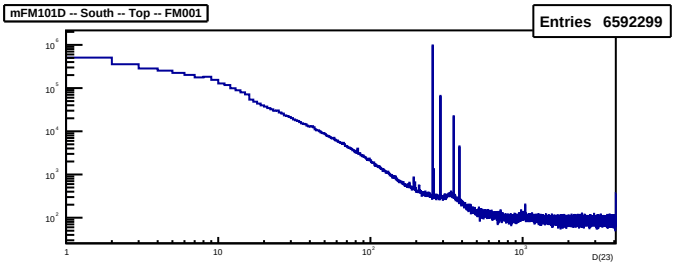
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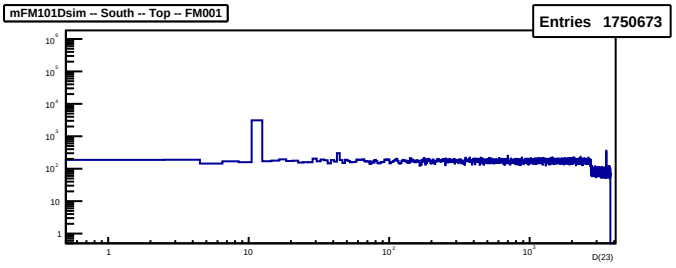
Entries 6592299
D(23)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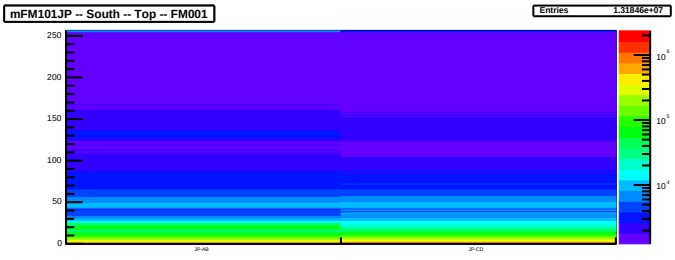
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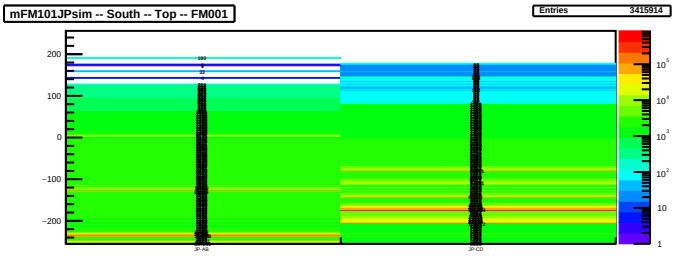
Entries 1.31846e+07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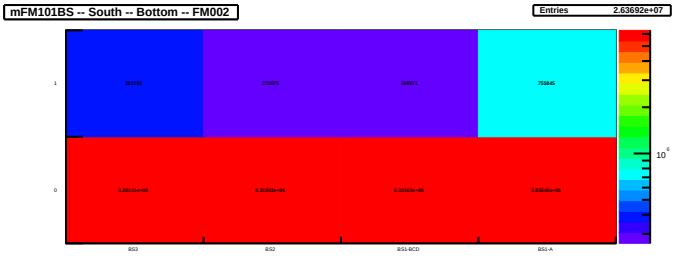
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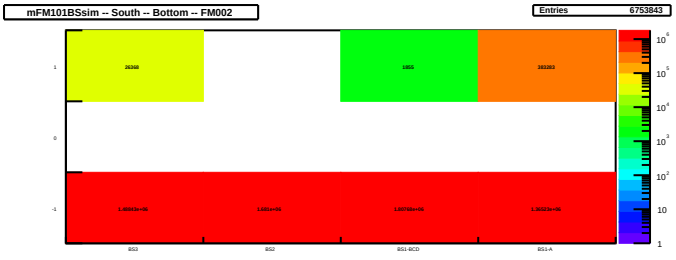
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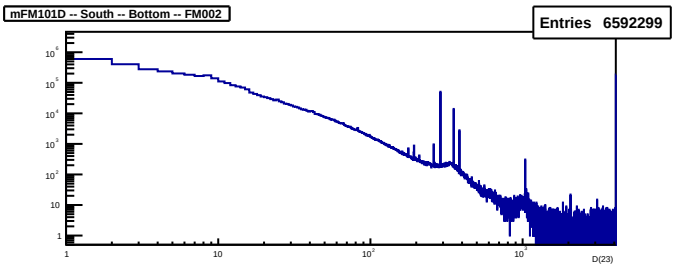
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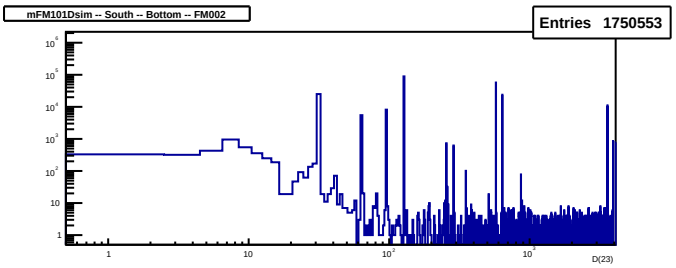
Entries 6592299
D(23)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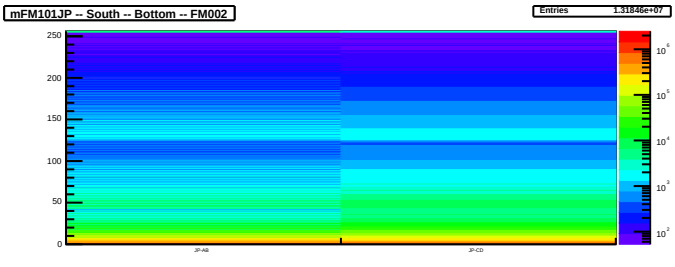
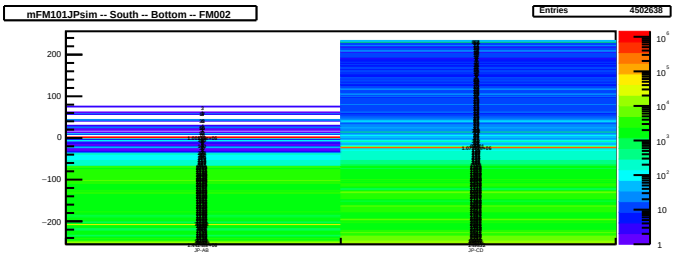
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1.31846e+07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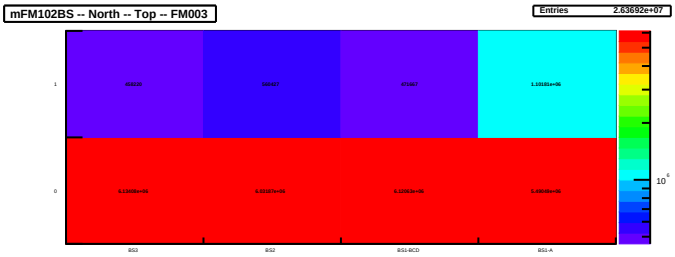
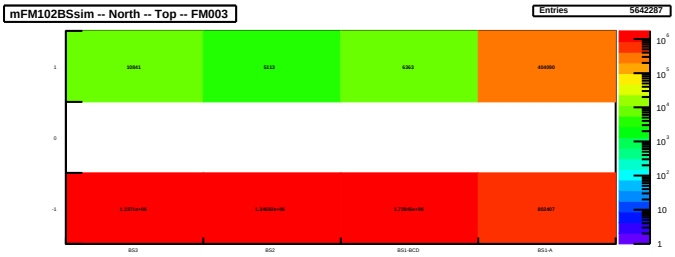

mFM102BS -- North -- Top -- FM003
Entries 2.63692e+07
BS3
BS2
BS1-BCD
BS1-A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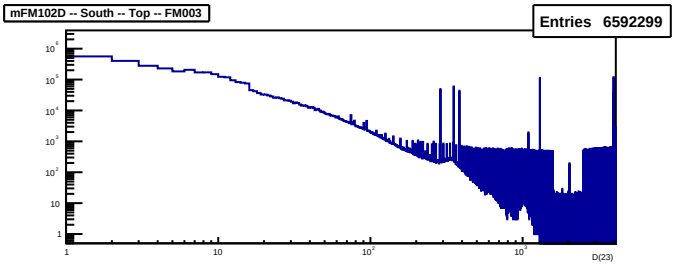
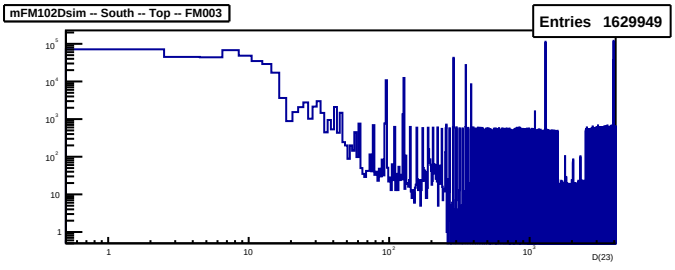
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Top -- FM003
Entries 6592299
D(23)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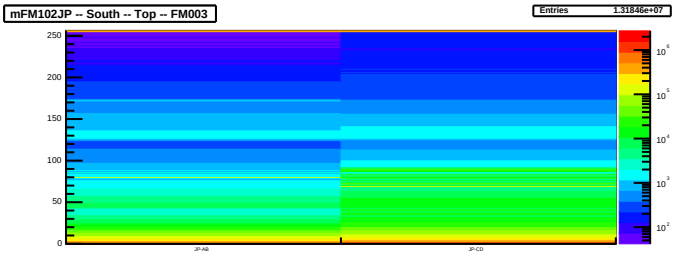
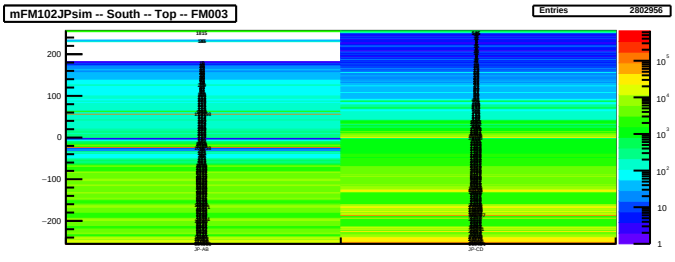
D(23)


mFM102JP -- South -- Top -- FM003
Entries 1.31846e+07
JP-AB
JP-CD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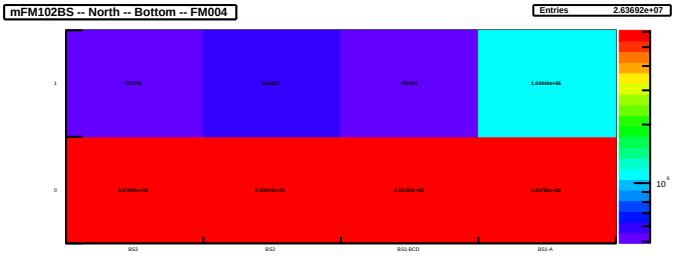
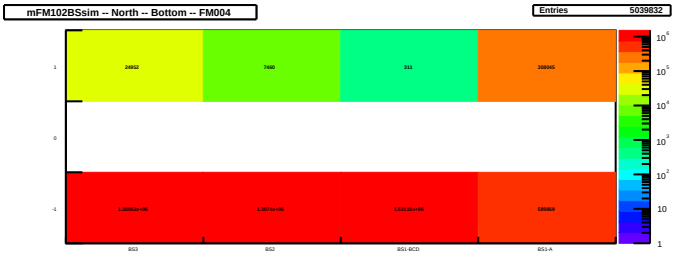
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 2.63692e+07
BS3
BS2
BS1-BCD
BS1-A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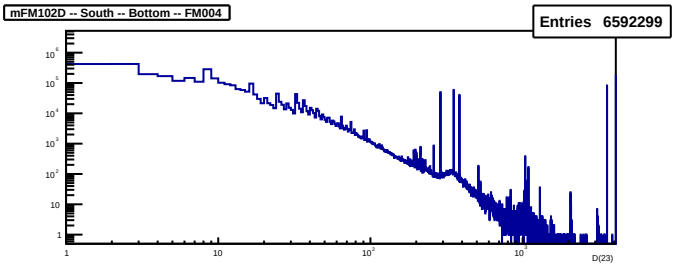
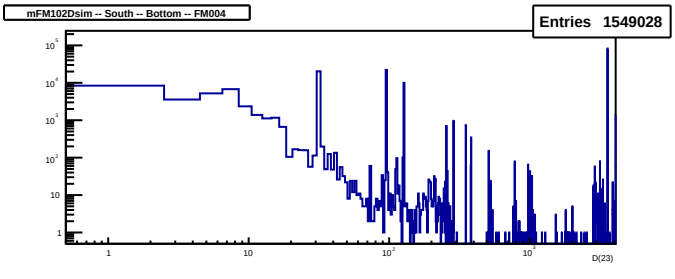
BS3
BS2
BS1-BCD
BS1-A


mFM102D -- South -- Bottom -- FM004
Entries 6592299
D(23)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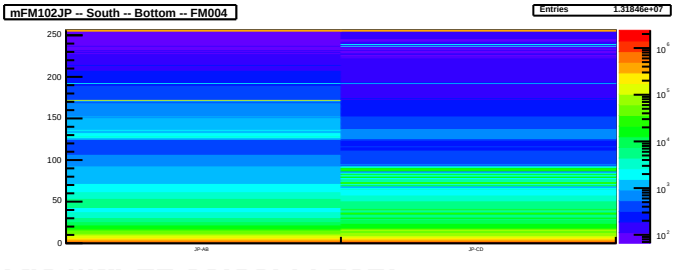
D(23)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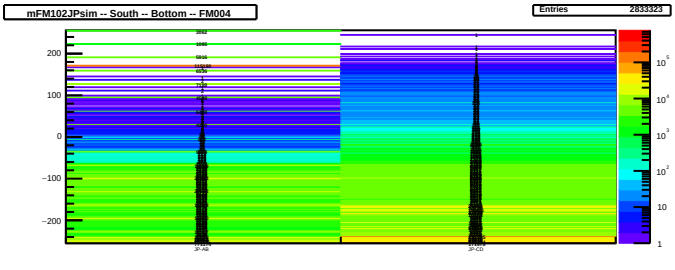
Entries 1.31846e+07
JP-AB
JP-CD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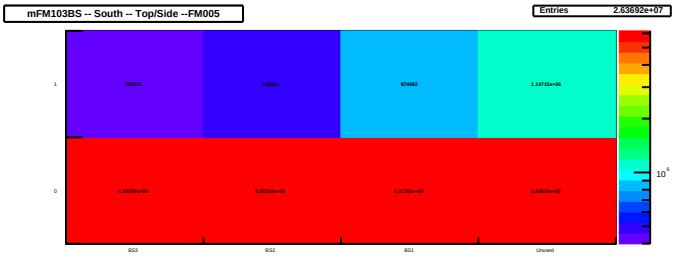
JP-AB
JP-CD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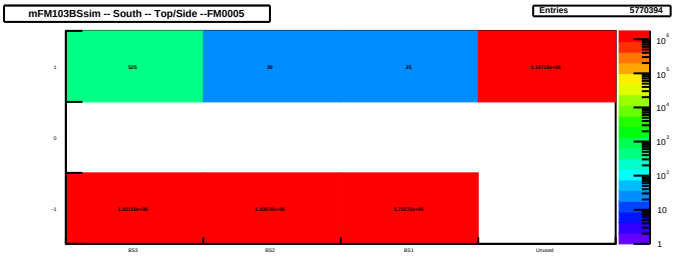
Entries 2.63692e+07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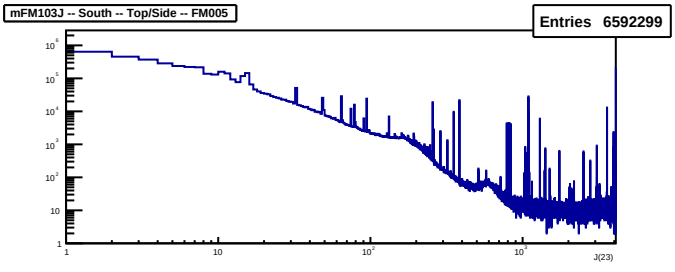
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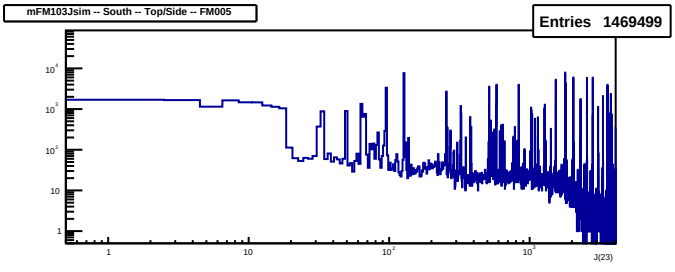
Entries 6592299
J(23)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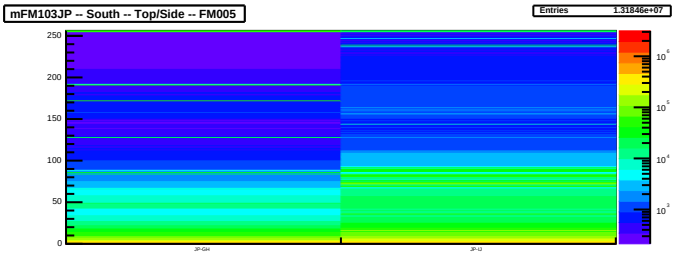
J(23)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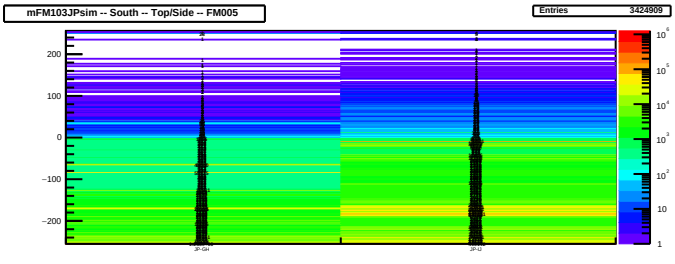
Entries 1.31846e+07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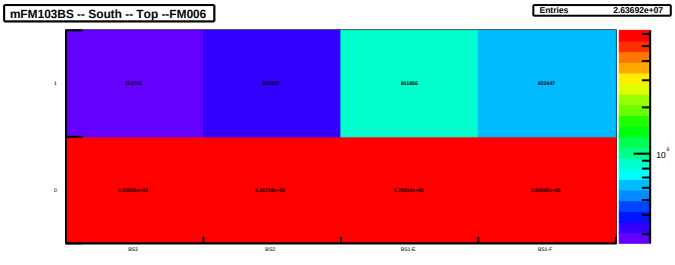
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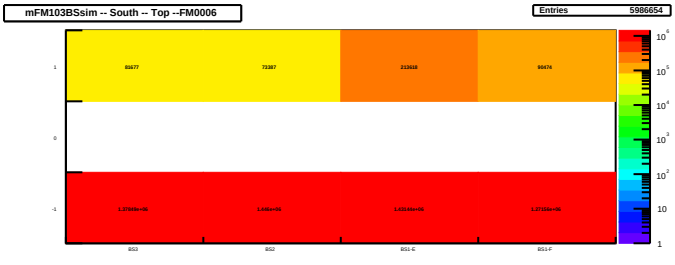
Entries 2.63692e+07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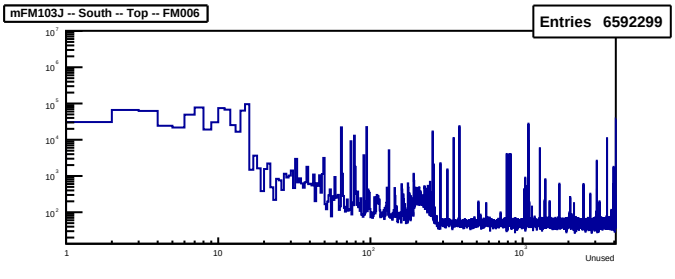
mFM103J -- South -- Top -- FM006
Entries 6592299
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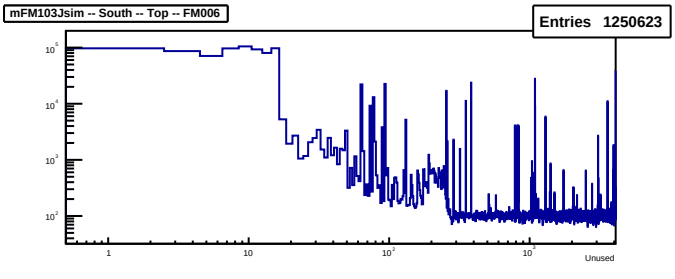
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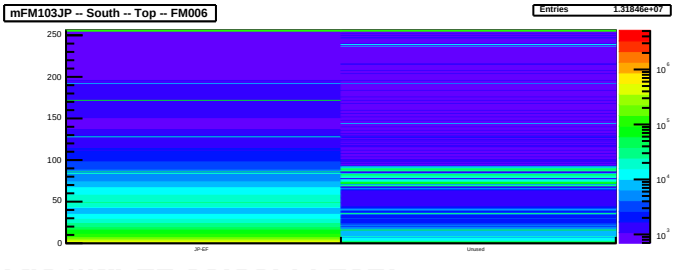
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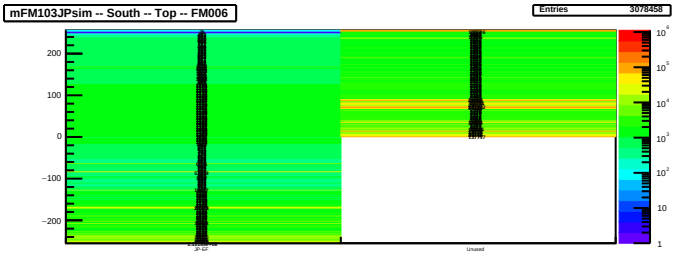
Entries 1.31846e+07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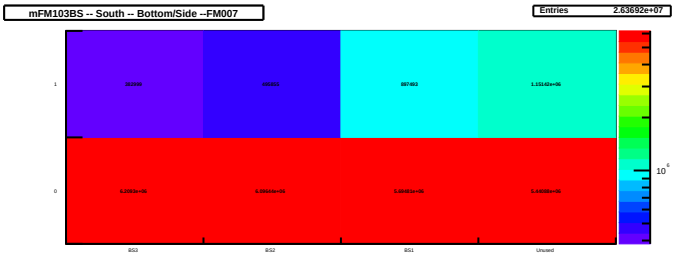
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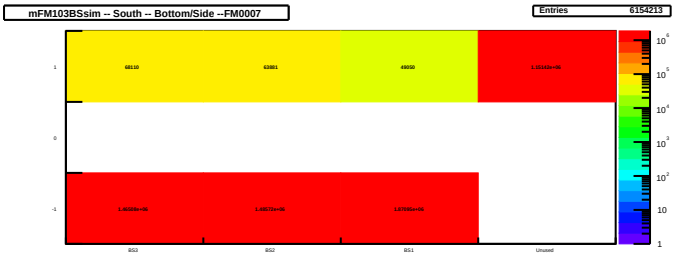
Entries 2.63692e+07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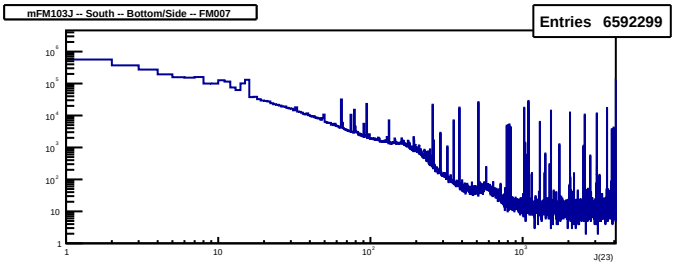
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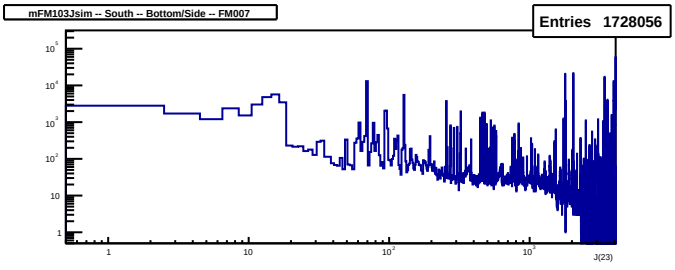
Entries 6592299
J(23)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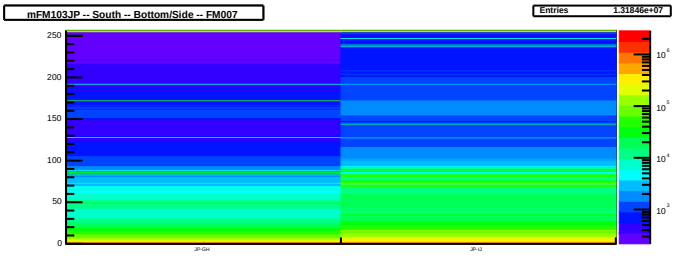
J(23)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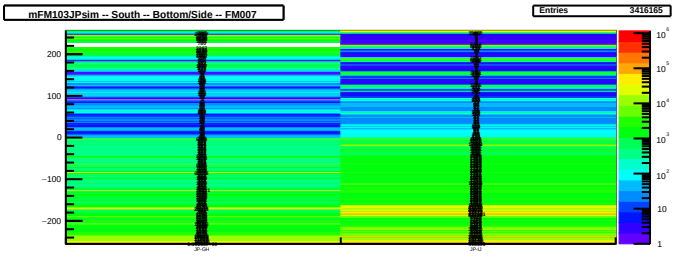
Entries 1.31846e+07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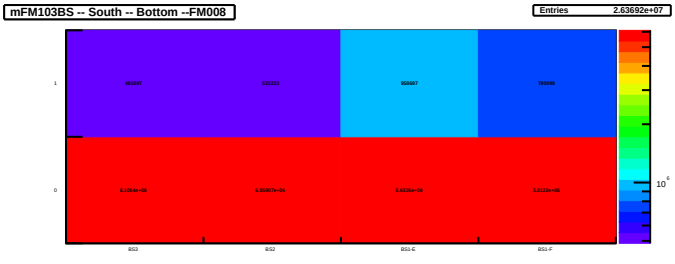
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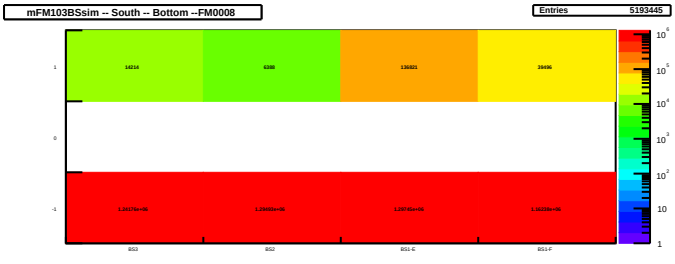
Entries 2.63692e+07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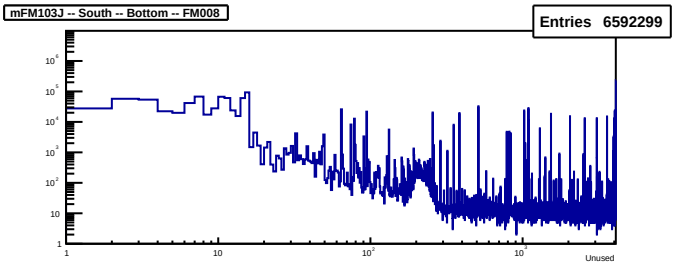
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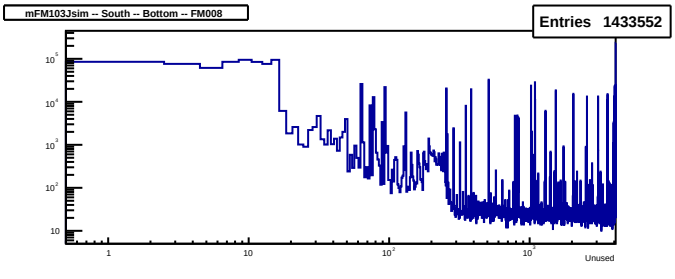
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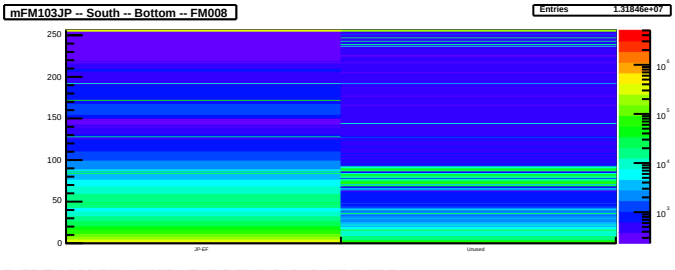
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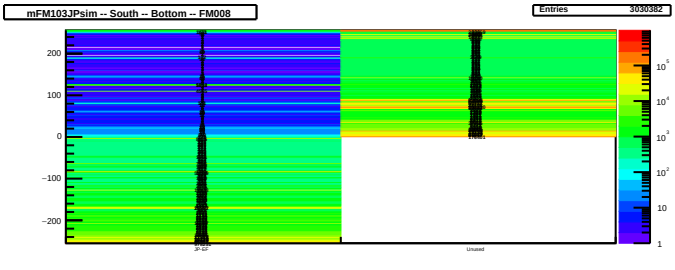
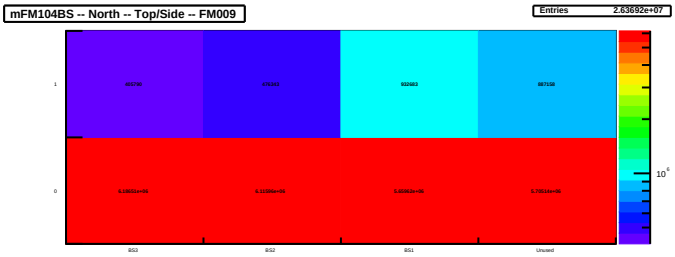
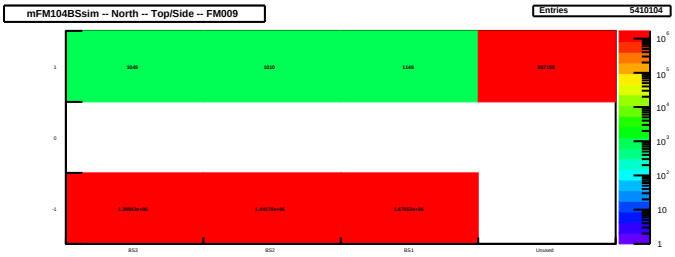
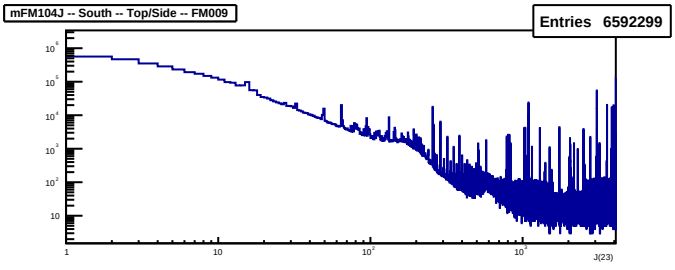
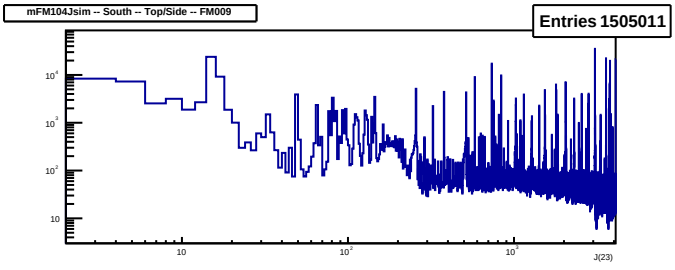
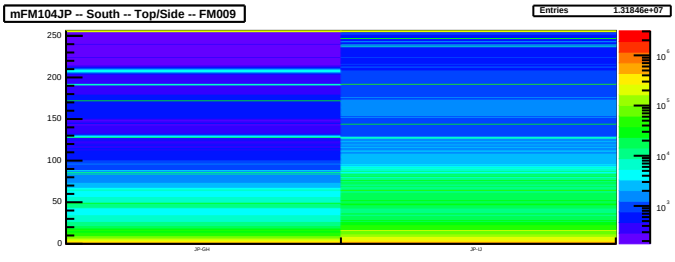

mFM103JPsim -- South -- Bottom -- FM008
Entries 3030382

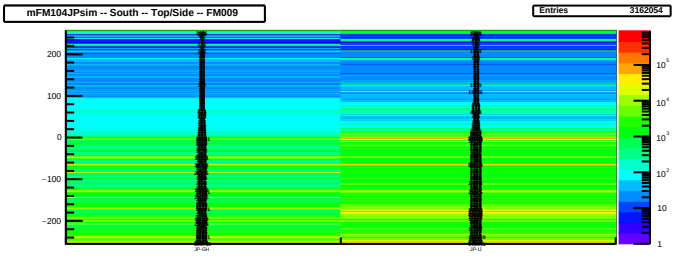

mFM104BS -- North -- Top/Side -- FM009
Entries 2.63692e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5410104


mFM104J -- South -- Top/Side -- FM009
Entries 6592299
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1505011
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.31846e+07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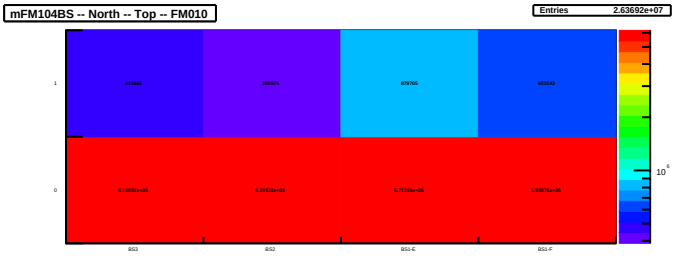
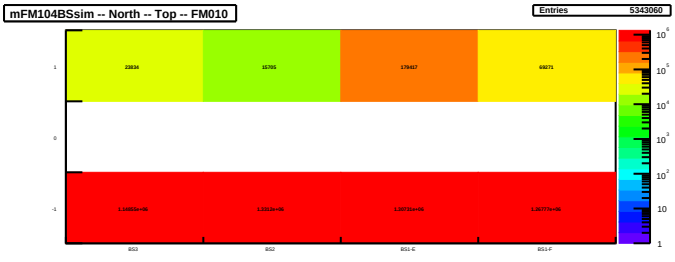
Entries 3162054


mFM104BS -- North -- Top -- FM010
Entries 2.63692e+07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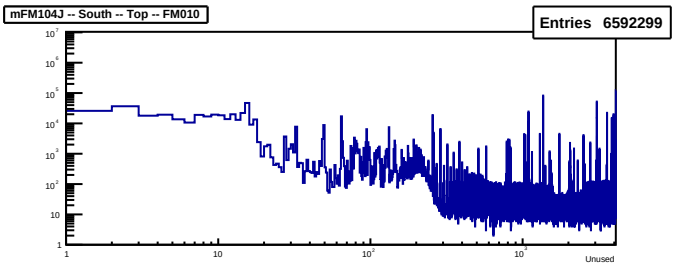
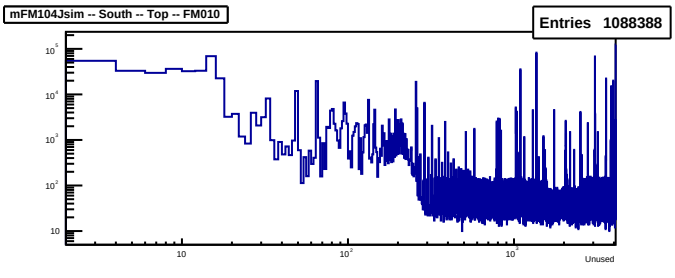
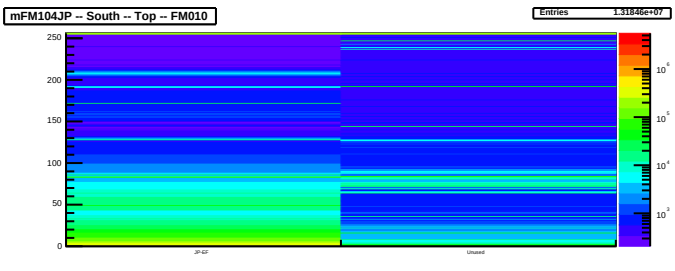
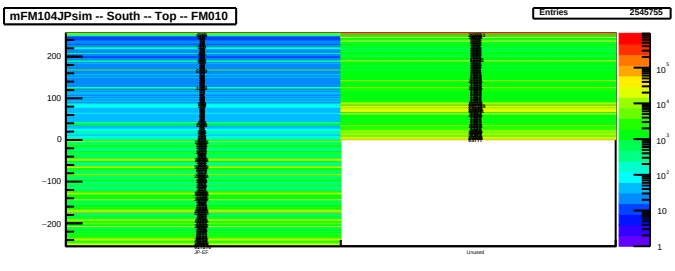
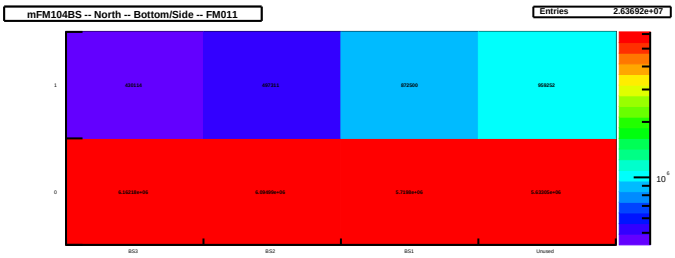
Entries 5343060

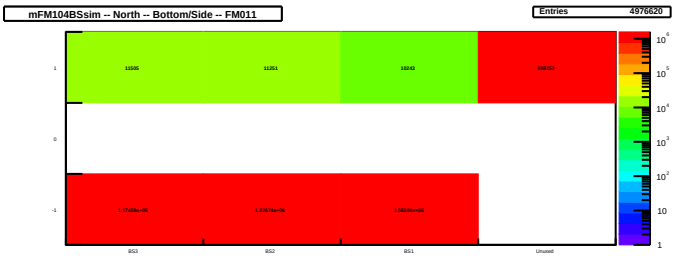

mFM104J -- South -- Top -- FM010
Entries 6592299
Unused

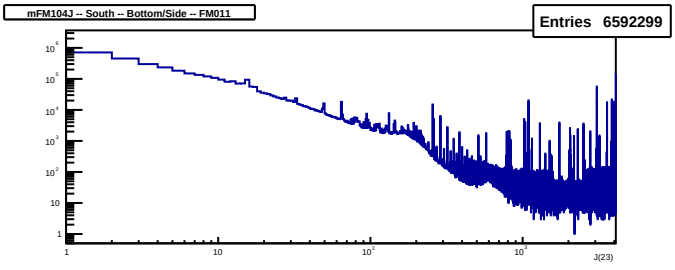

mFM104Jsim -- South -- Top -- FM010
Entries 1088388
Unused

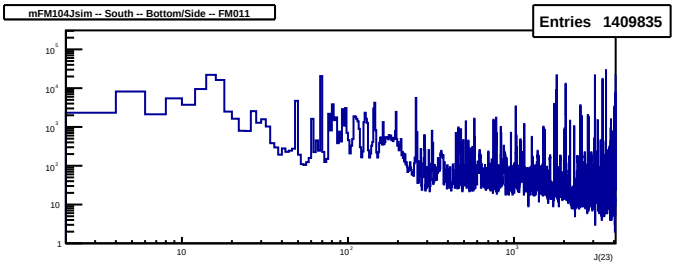

mFM104JP -- South -- Top -- FM010
Entries 1.31846e+07

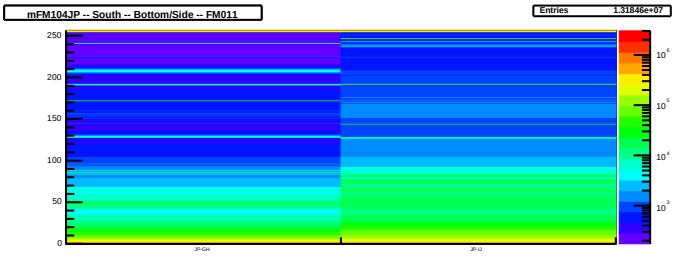

mFM104JPsim -- South -- Top -- FM010
Entries 2545755

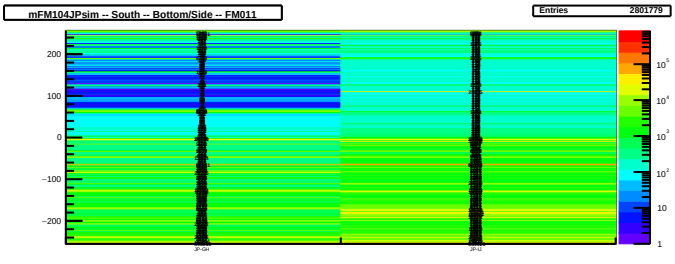

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.63692e+07

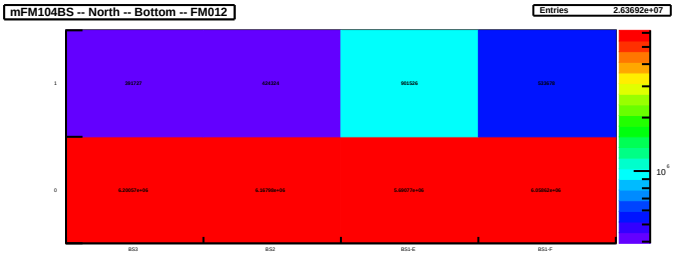

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4976620

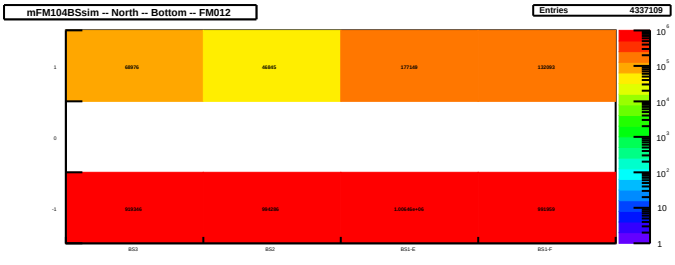

mFM104J -- South -- Bottom/Side -- FM011
Entries 6592299
J(23)

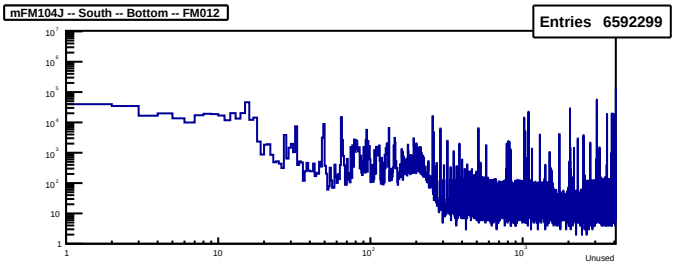

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1409835
J(23)

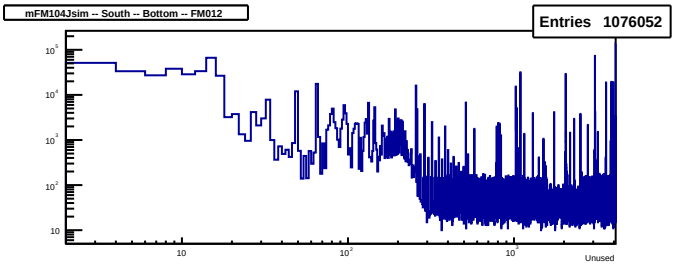

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.31846e+07

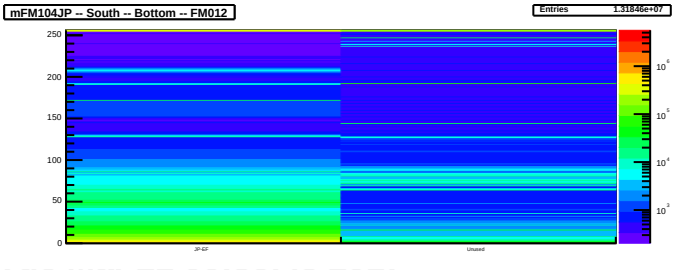

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2801779

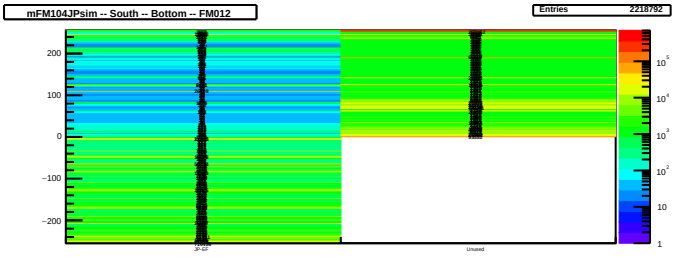

mFM104BS -- North -- Bottom -- FM012
Entries 2.63692e+07

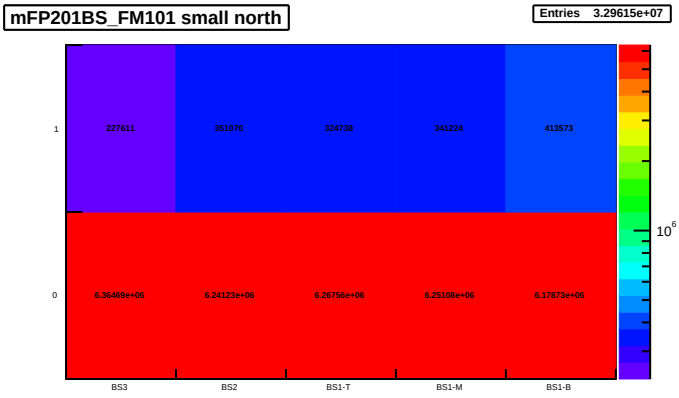

mFM104BSsim -- North -- Bottom -- FM012
Entries 4337109

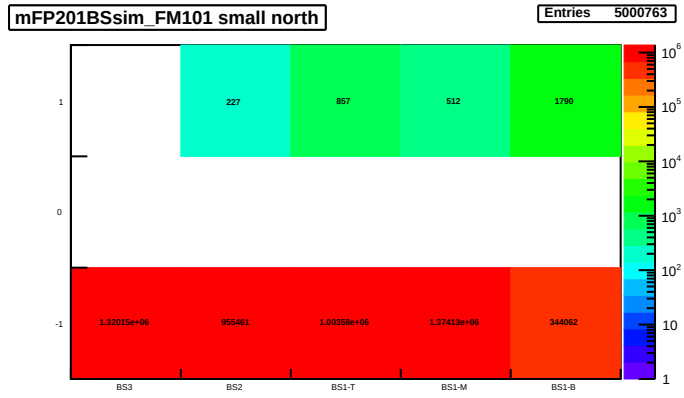

mFM104J -- South -- Bottom -- FM012
Entries 6592299
Unused

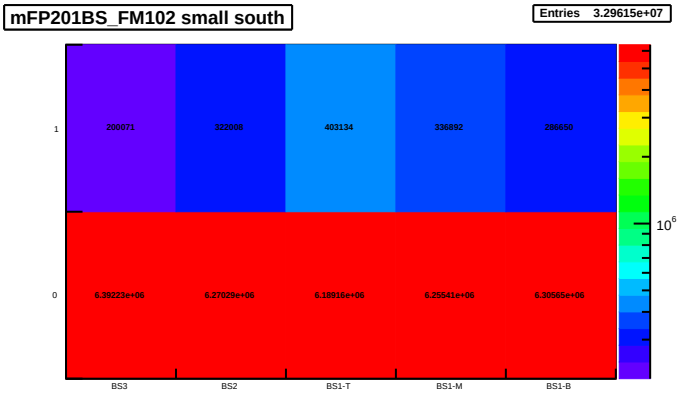

mFM104Jsim -- South -- Bottom -- FM012
Entries 1076052
Unused

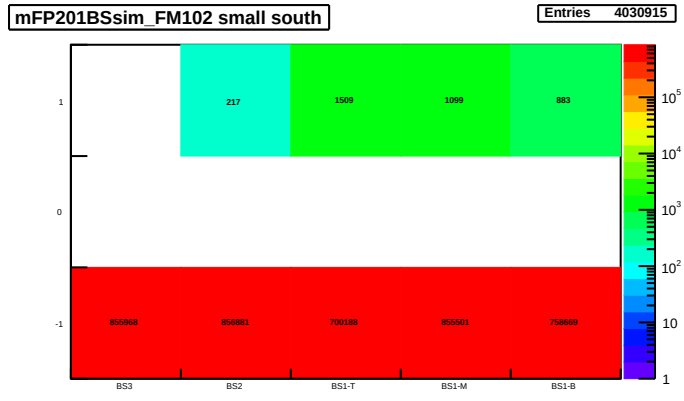

mFM104JP -- South -- Bottom -- FM012
Entries 1.31846e+07

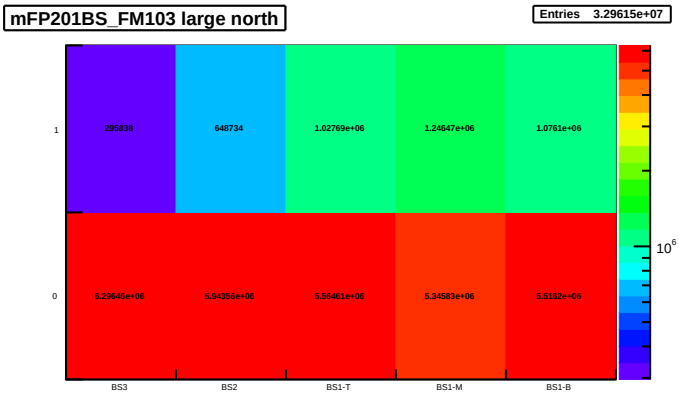

mFM104JPsim -- South -- Bottom -- FM012
Entries 2218792

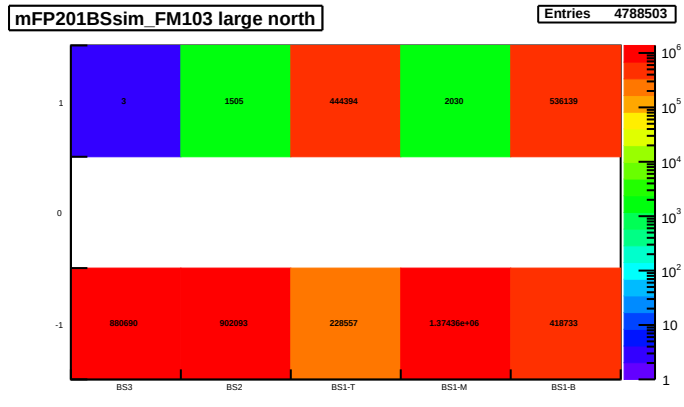

mFP201BS_FM101 small north
Entries 3.29615e+07
227611
351070
324738
341224
413573
6.36469e+06
6.24123e+06
6.26756e+06
6.25108e+06
6.17873e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

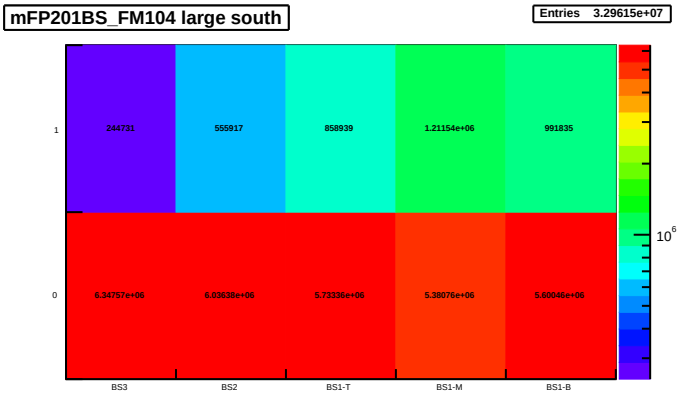

mFP201BSsim_FM101 small north
Entries 5000763
227
857
512
1790
1.32015e+06
955461
1.00358e+06
1.37413e+06
344062
BS3
BS2
BS1-T
BS1-M
BS1-B

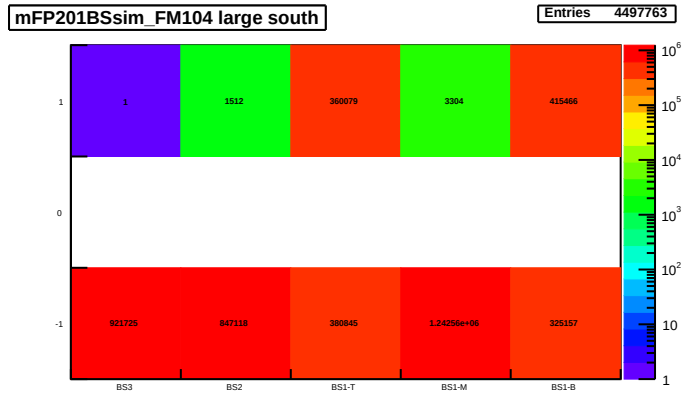

mFP201BS_FM102 small south
Entries 3.29615e+07
200071
322008
403134
336892
286650
6.39223e+06
6.27029e+06
6.18916e+06
6.25541e+06
6.30565e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

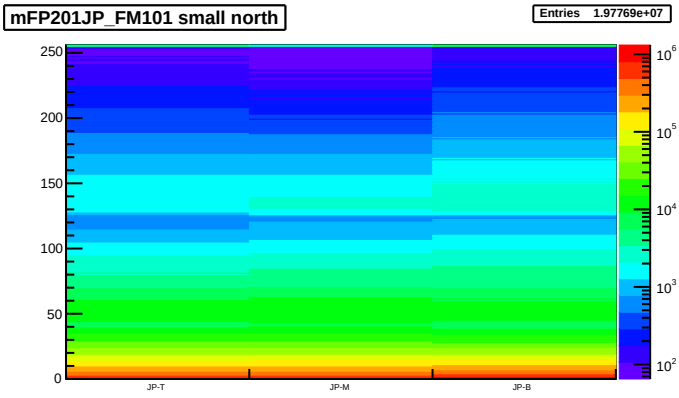

mFP201BSsim_FM102 small south
Entries 4030915
217
1509
1099
883
855968
856881
700188
855501
758669
BS3
BS2
BS1-T
BS1-M
BS1-B

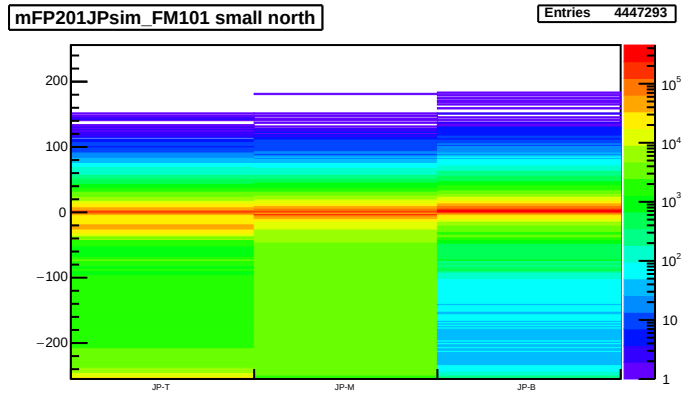

mFP201BS_FM103 large north
Entries 3.29615e+07
295838
648734
1.02769e+06
1.24647e+06
1.0761e+06
6.29646e+06
5.94356e+06
5.56461e+06
5.34583e+06
5.5162e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

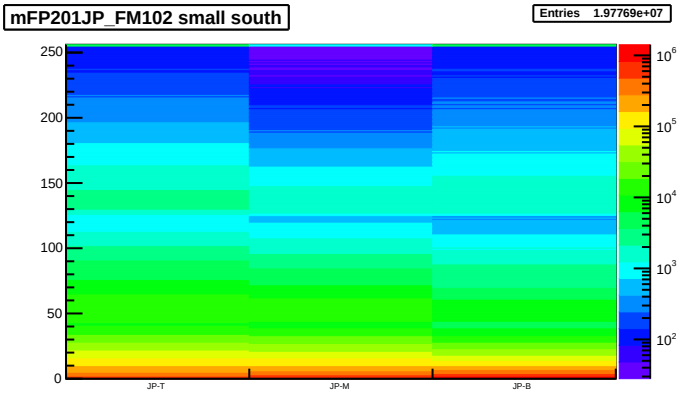

mFP201BSsim_FM103 large north
Entries 4788503
3
1505
444394
2030
536139
880690
902093
228557
1.37436e+06
418733
BS3
BS2
BS1-T
BS1-M
BS1-B

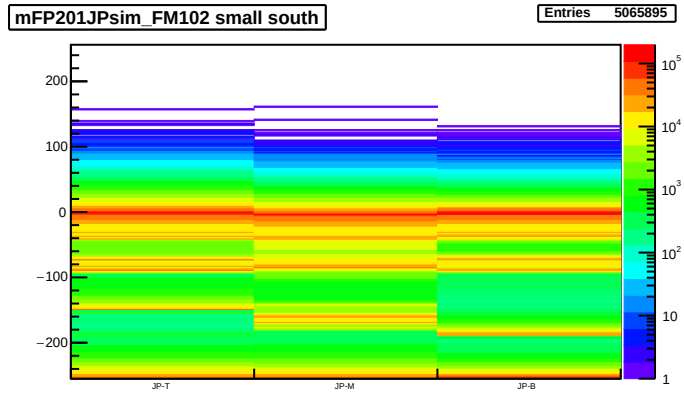

mFP201BS_FM104 large south
Entries 3.29615e+07
244731
555917
858939
1.21154e+06
991835
6.34757e+06
6.03638e+06
5.73336e+06
5.38076e+06
5.60046e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

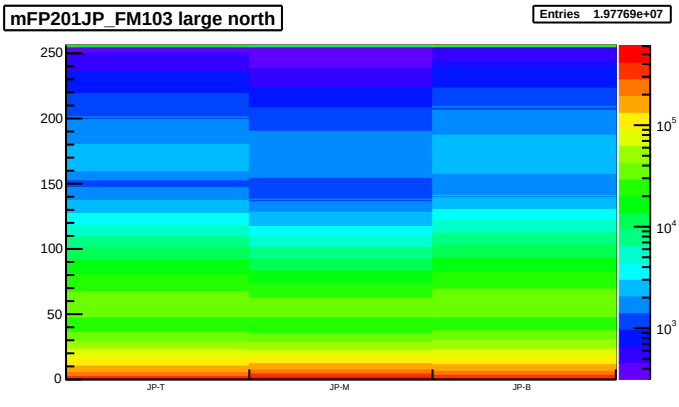

mFP201BSsim_FM104 large south
Entries 4497763
1
1512
360079
3304
415466
921725
847118
380845
1.24256e+06
325157
BS3
BS2
BS1-T
BS1-M
BS1-B

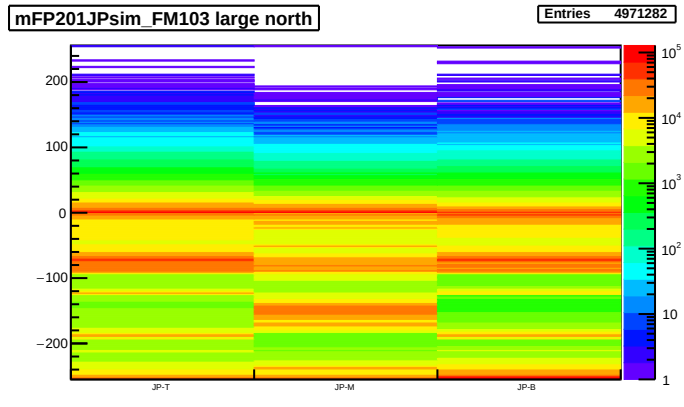

mFP201JP_FM101 small north
Entries 1.97769e+07
JP-T
JP-M
JP-B

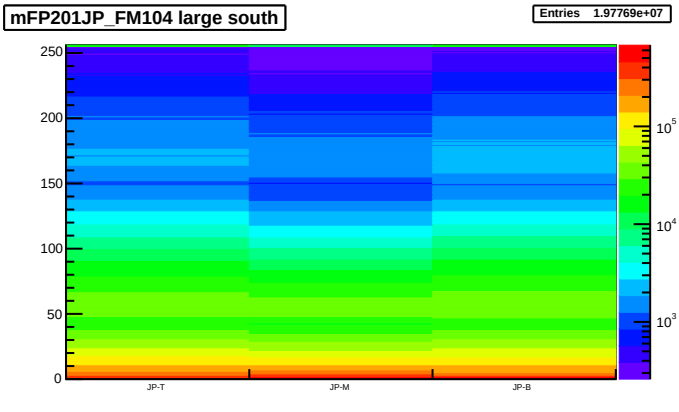

mFP201JPsim_FM101 small north
Entries 4447293
JP-T
JP-M
JP-B

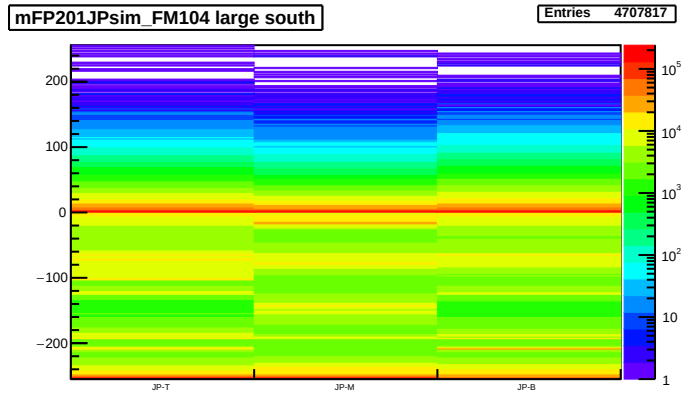

mFP201JP_FM102 small south
Entries 1.97769e+07
JP-T
JP-M
JP-B

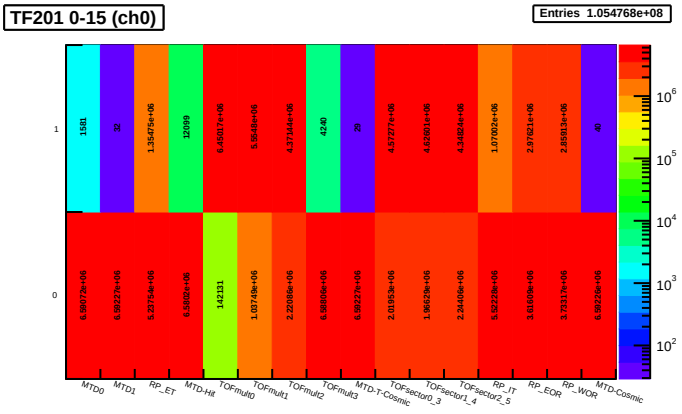

mFP201JPsim_FM102 small south
Entries 5065895
JP-T
JP-M
JP-B

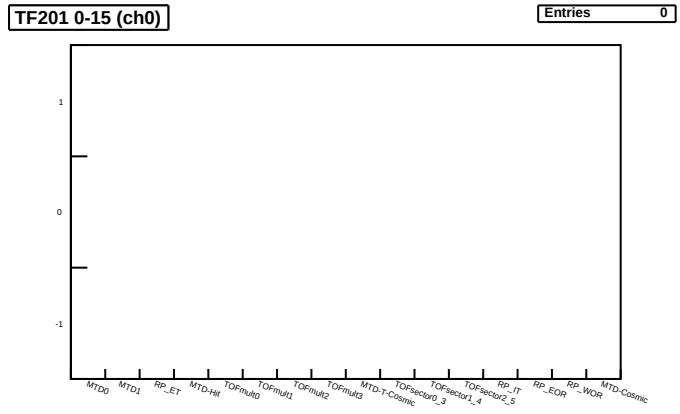

mFP201JP_FM103 large north
Entries 1.97769e+07
JP-T
JP-M
JP-B

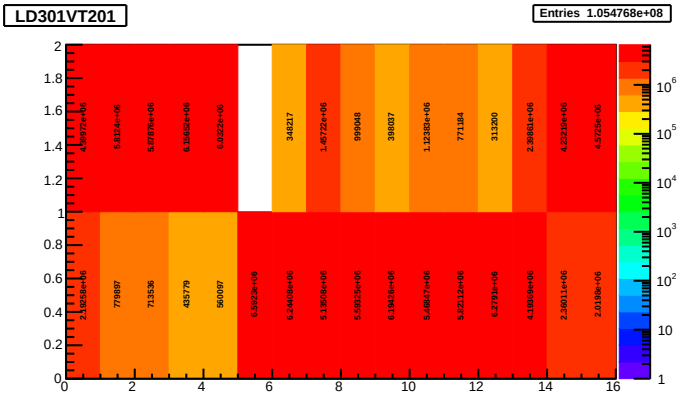

mFP201JPsim_FM103 large north
Entries 4971282
JP-T
JP-M
JP-B

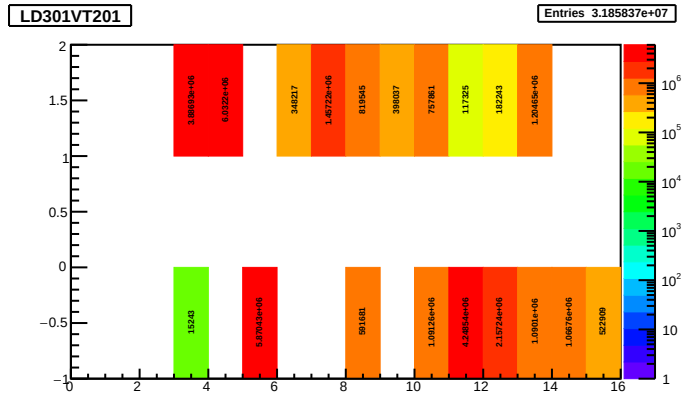

mFP201JP_FM104 large south
Entries 1.97769e+07
JP-T
JP-M
JP-B

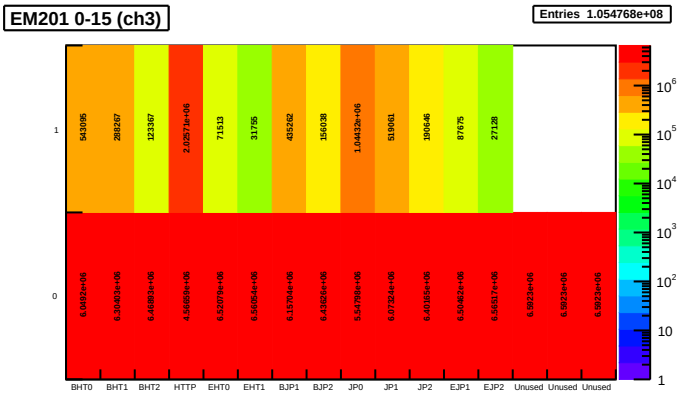

mFP201JPsim_FM104 large south
Entries 4707817
JP-T
JP-M
JP-B

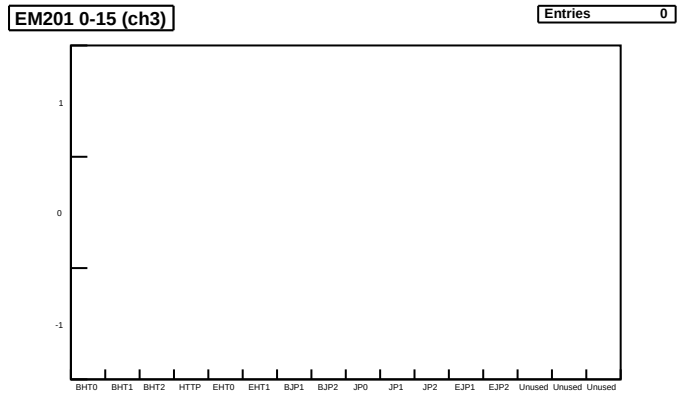

TF201 0-15 (ch0)
Entries 1.054768e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 1.054768e+08


LD301VT201
Entries 3.185837e+07


EM201 0-15 (ch3)
Entries 1.054768e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
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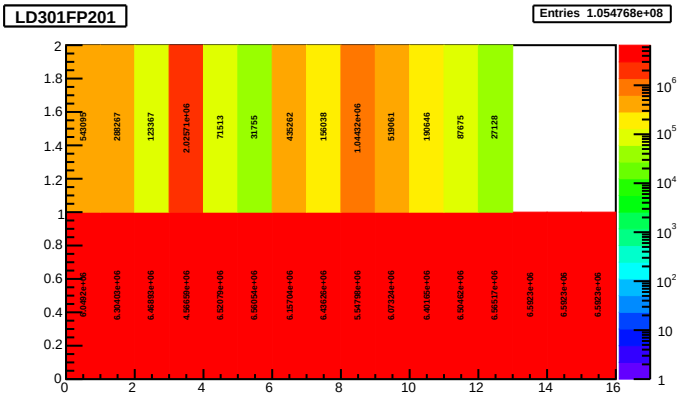
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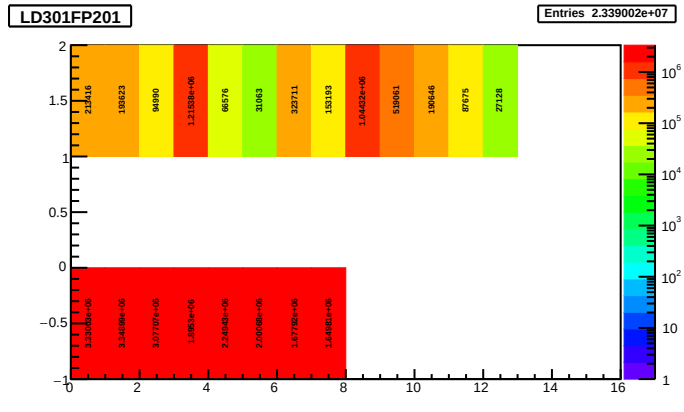
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