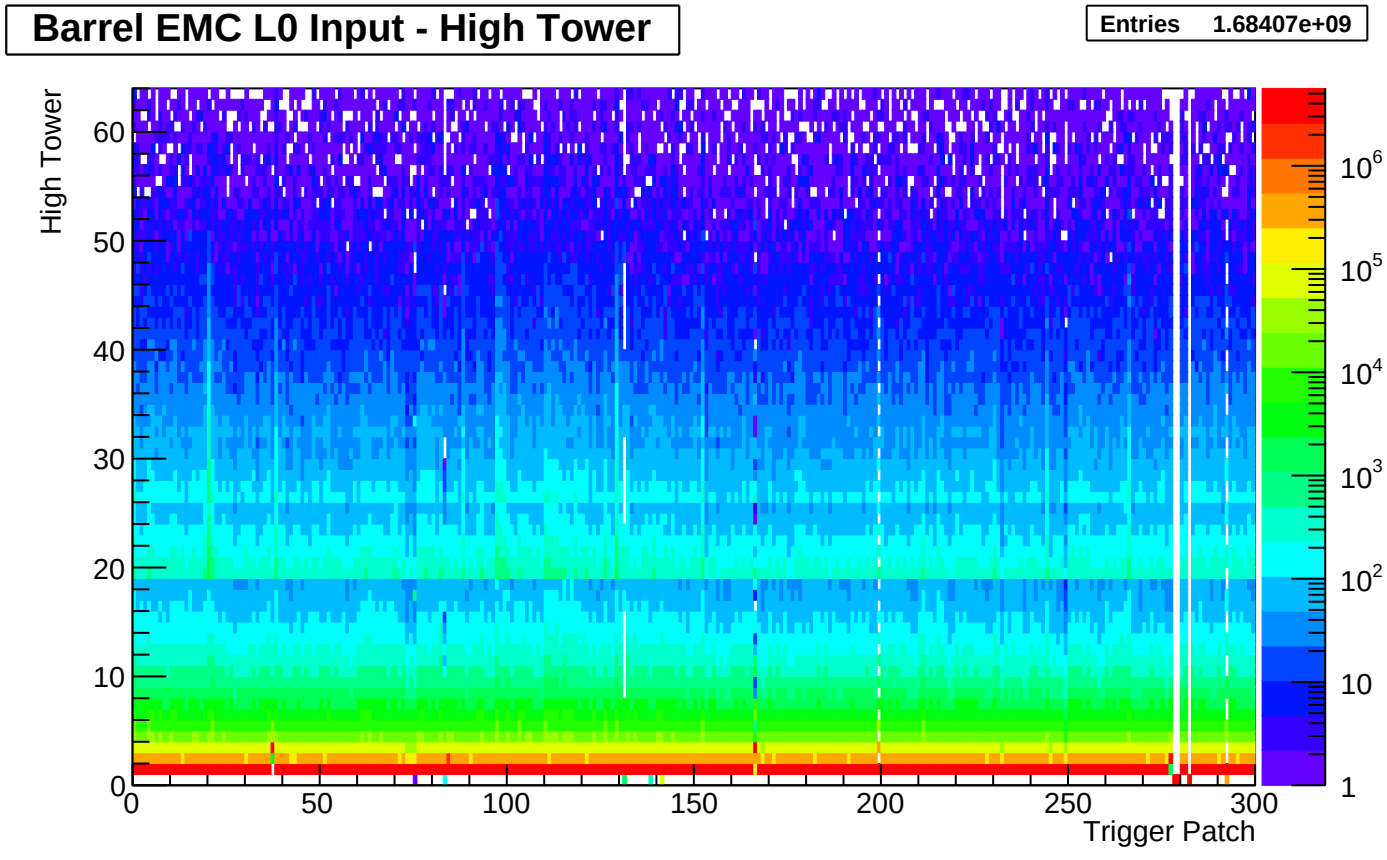
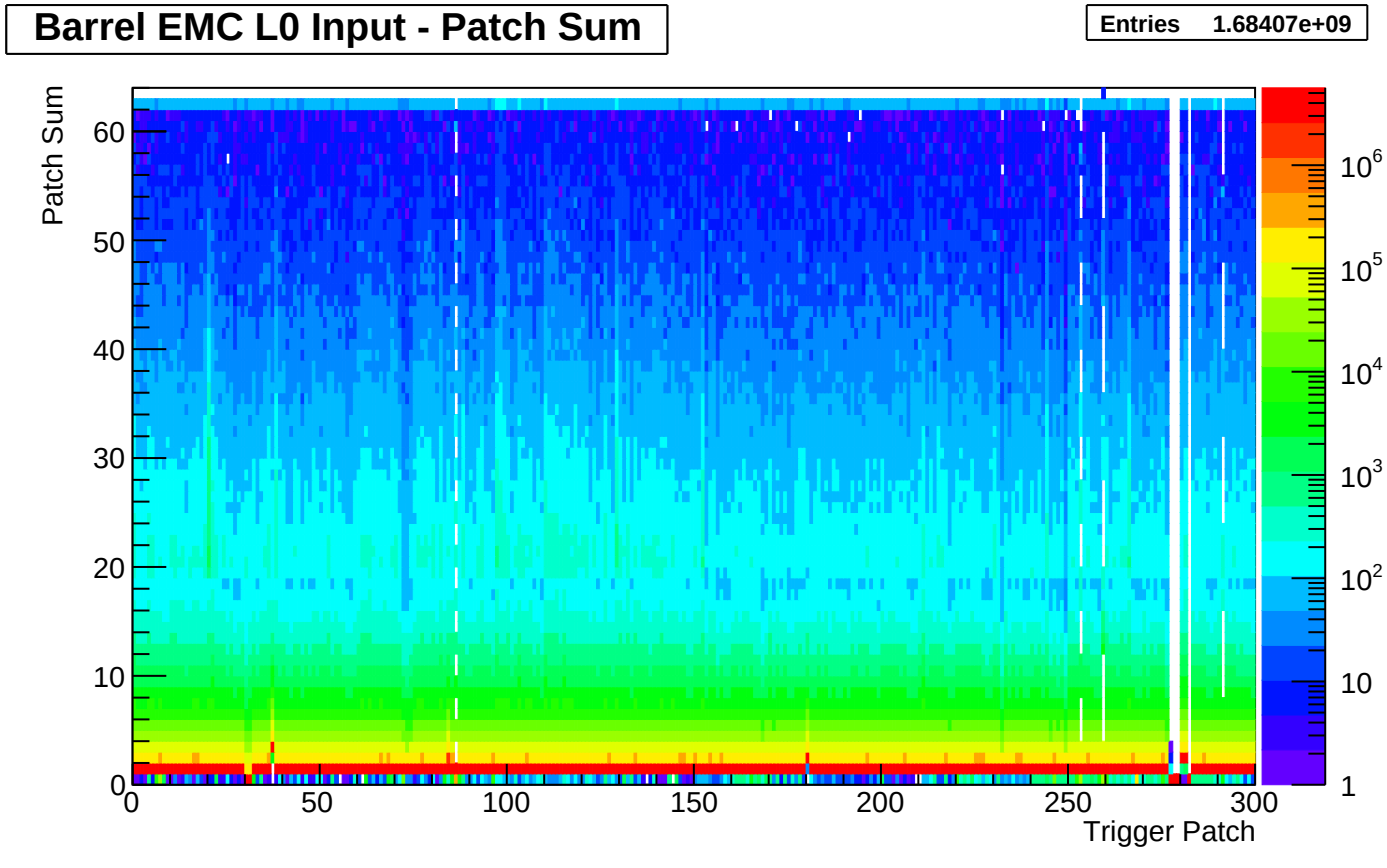
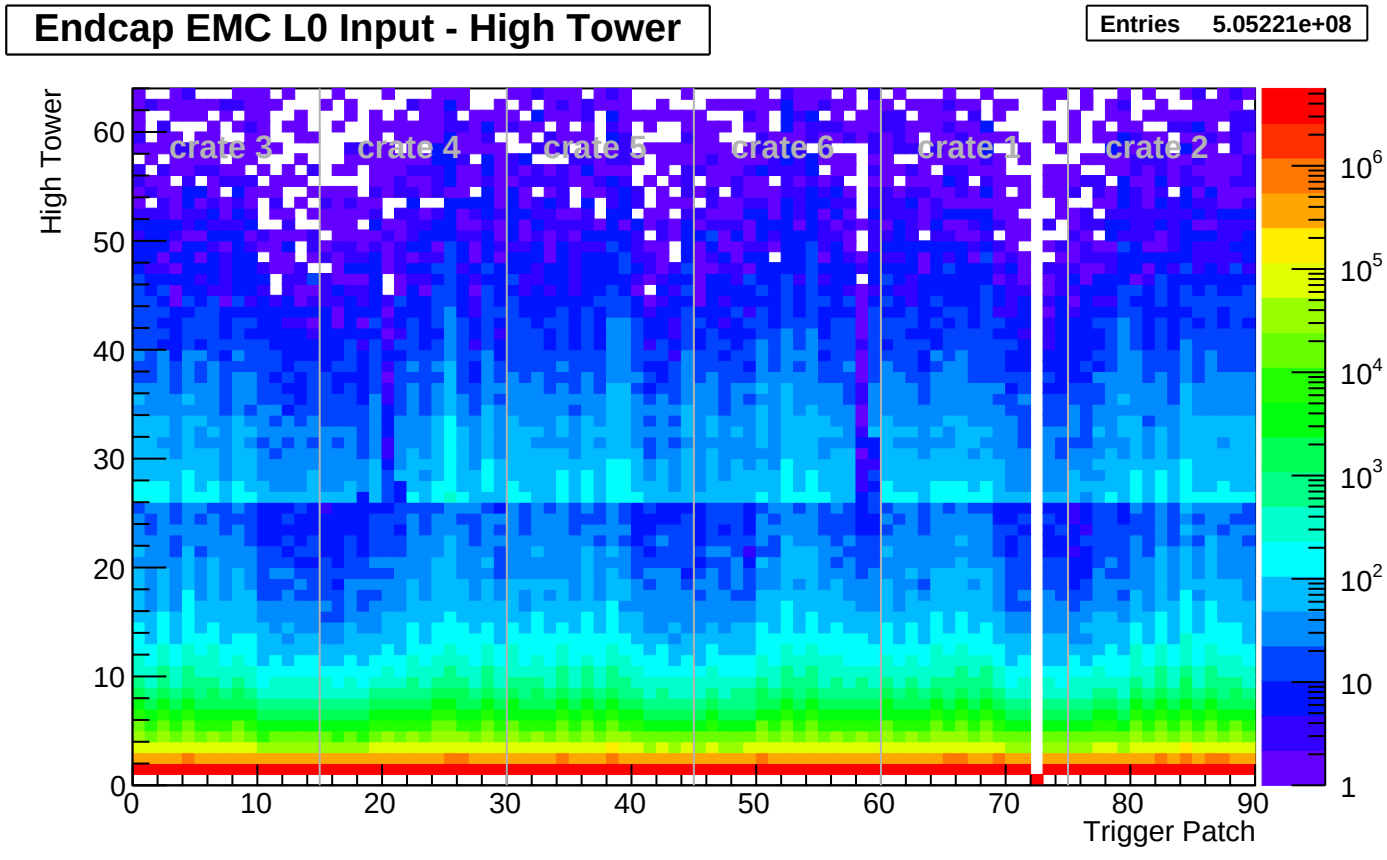
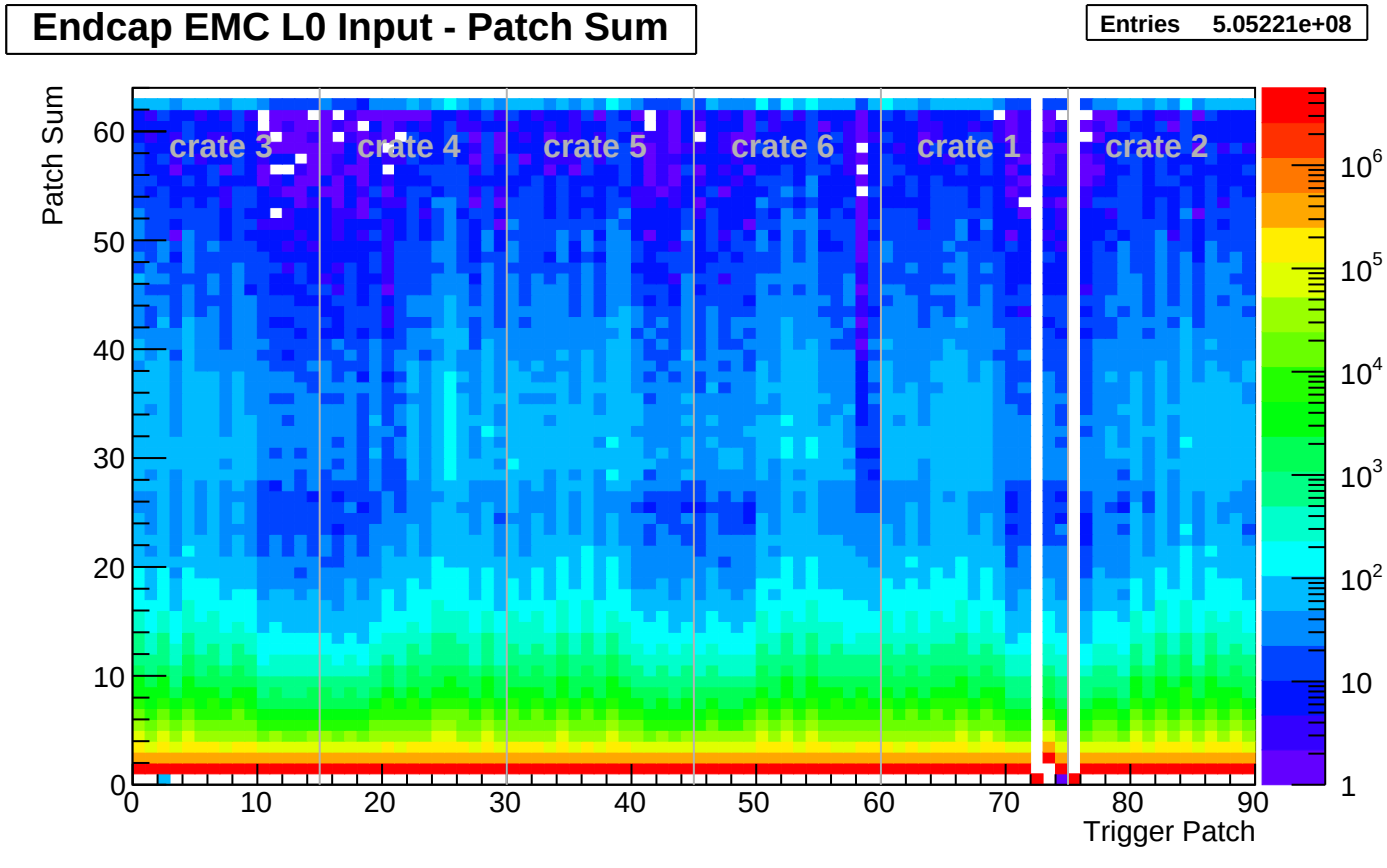
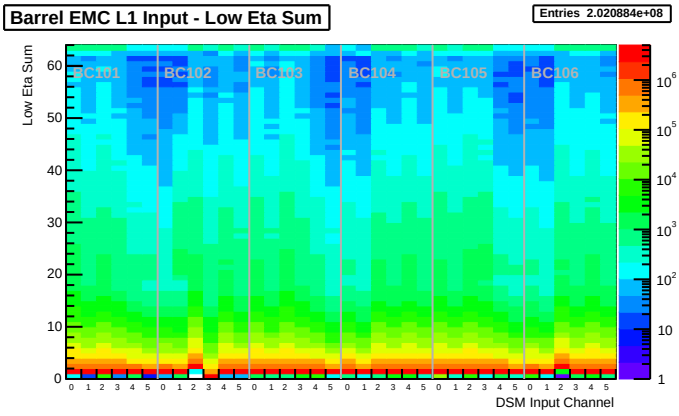
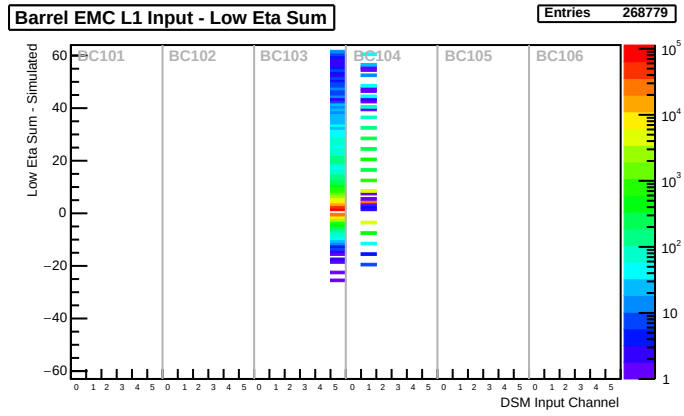

Barrel EMC L0 Input - High Tower
Entries 1.68407e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

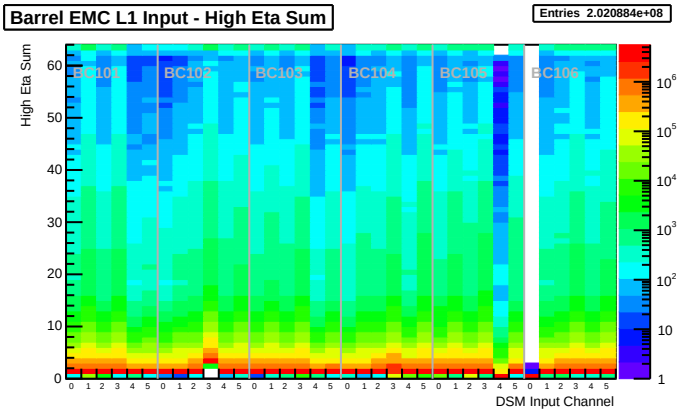

Barrel EMC L0 Input - Patch Sum
Entries 1.68407e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

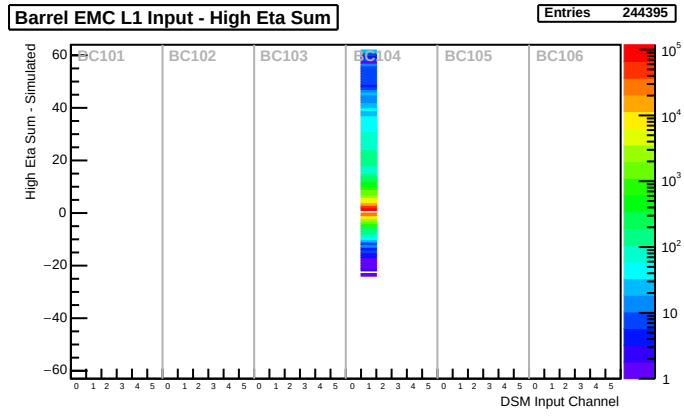

Endcap EMC L0 Input - High Tower
Entries 5.05221e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

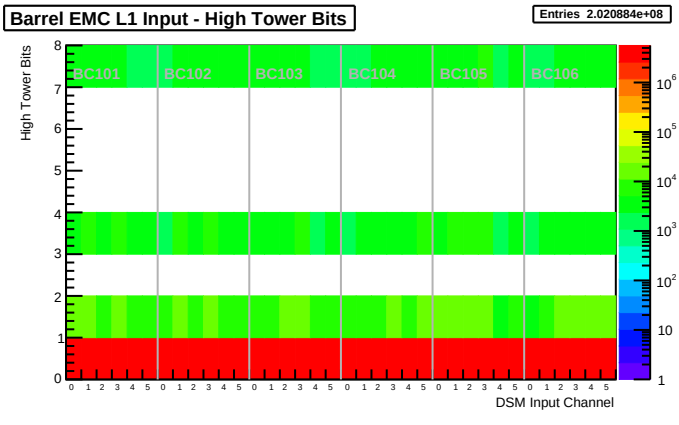

Endcap EMC L0 Input - Patch Sum
Entries 5.05221e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

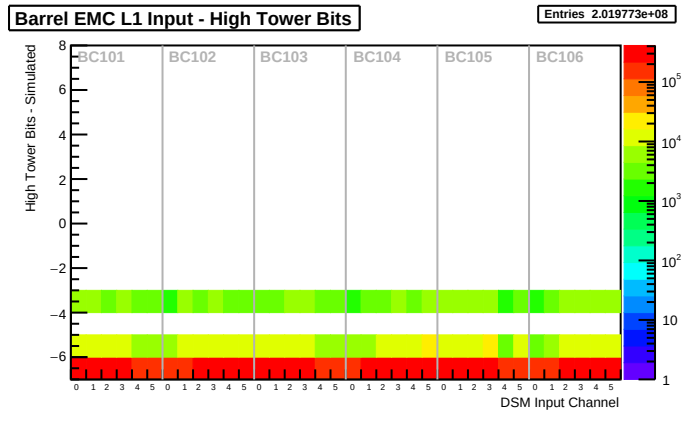

Barrel EMC L1 Input - Low Eta Sum
Entries 2.020884e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

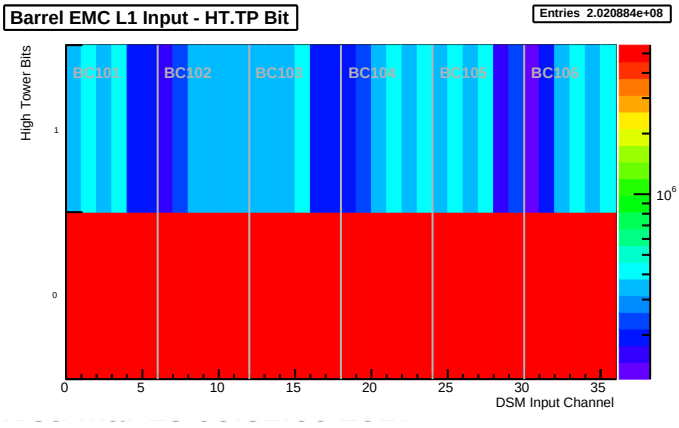

Barrel EMC L1 Input - Low Eta Sum
Entries 268779
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

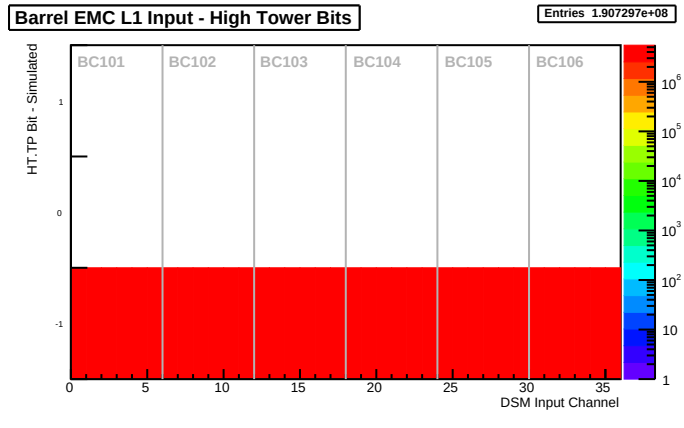

Barrel EMC L1 Input - High Eta Sum
Entries 2.020884e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

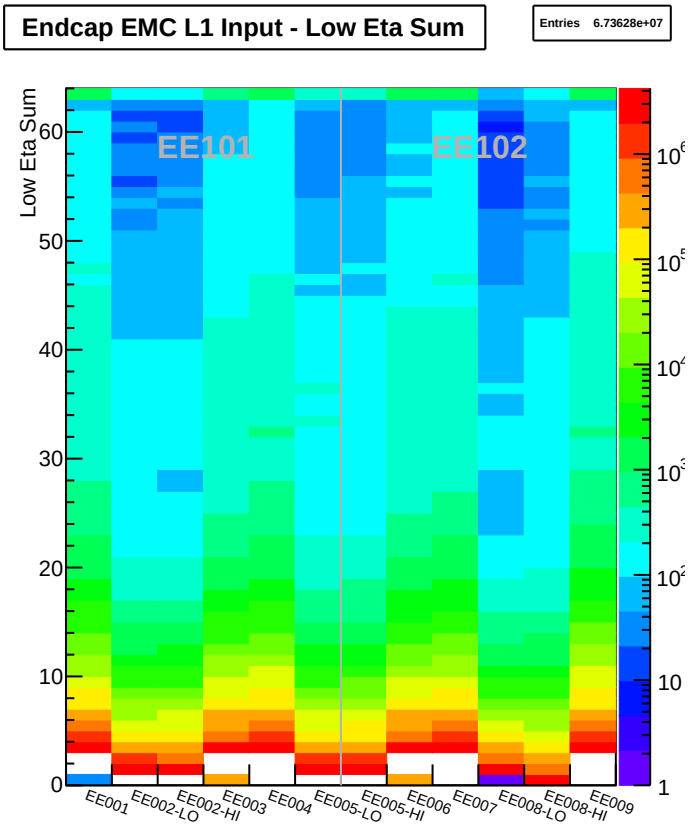

Barrel EMC L1 Input - High Eta Sum
Entries 244395
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

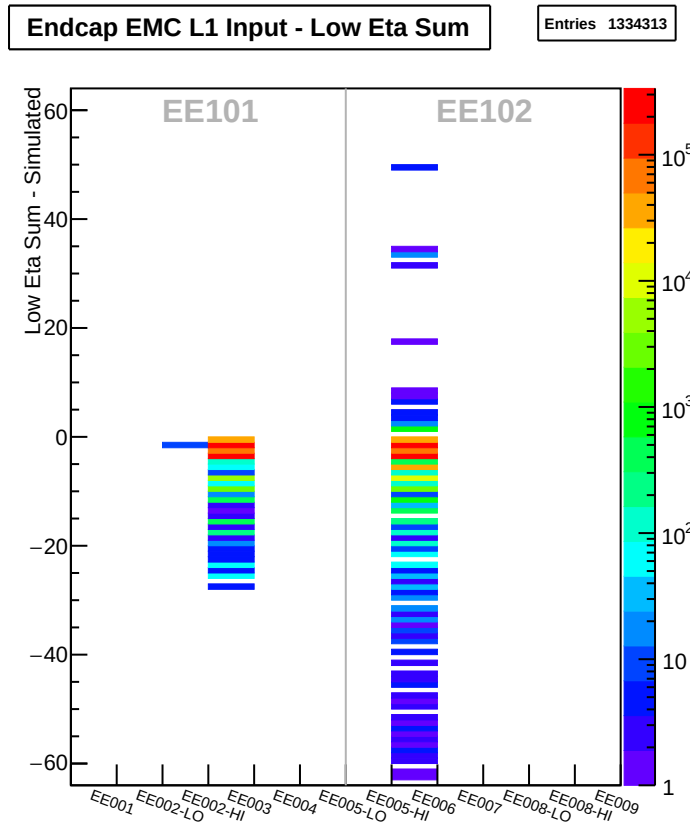

Barrel EMC L1 Input - High Tower Bits
Entries 2.020884e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

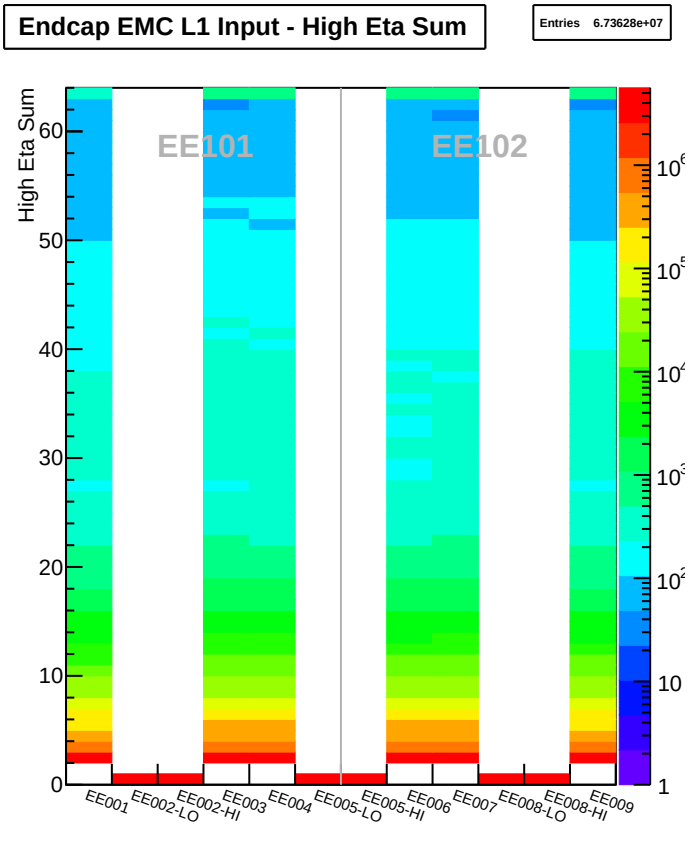

Barrel EMC L1 Input - High Tower Bits
Entries 2.019773e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

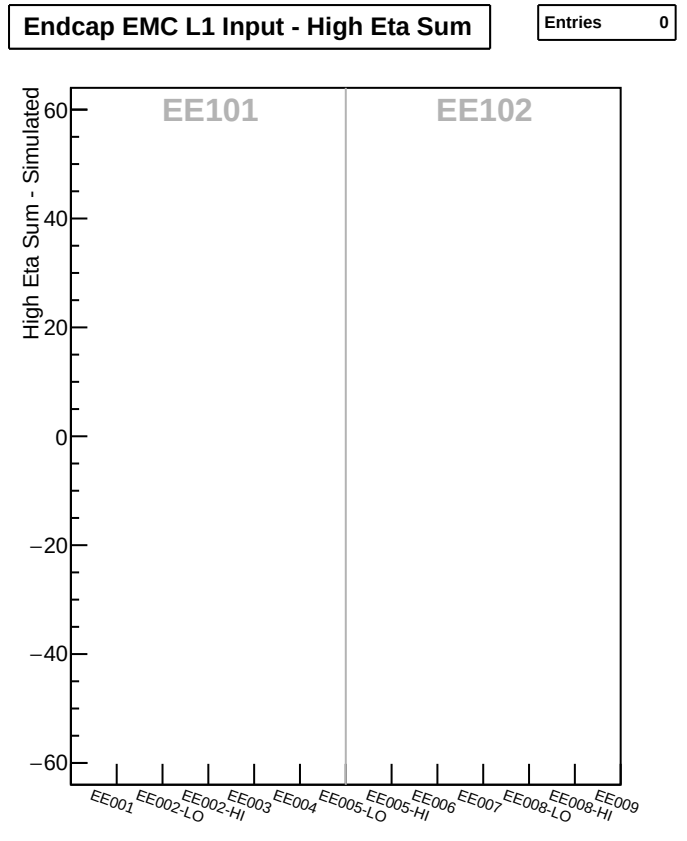

Barrel EMC L1 Input - HT.TP Bit
Entries 2.020884e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

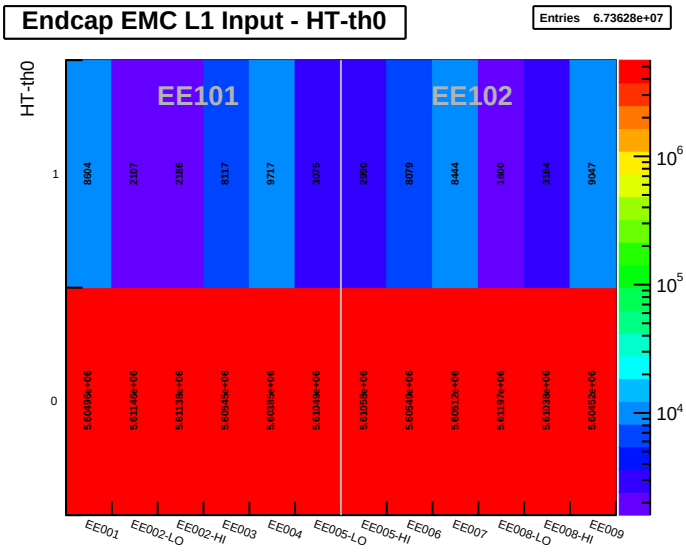

Barrel EMC L1 Input - High Tower Bits
Entries 1.907297e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

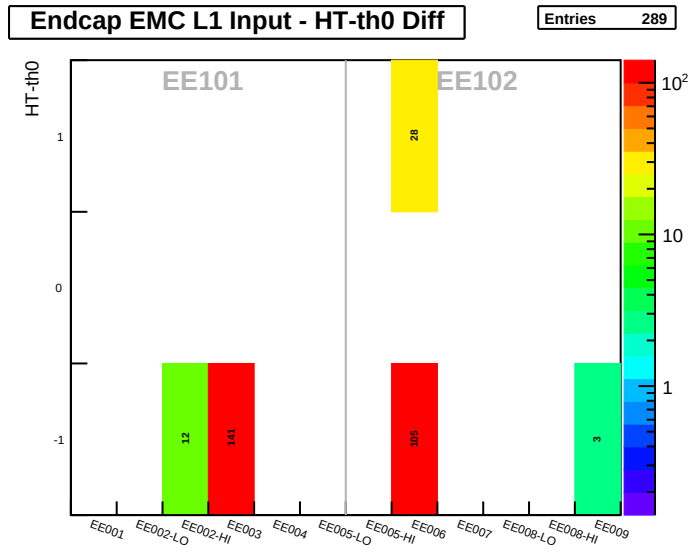

Endcap EMC L1 Input - Low Eta Sum
Entries 6.73628e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

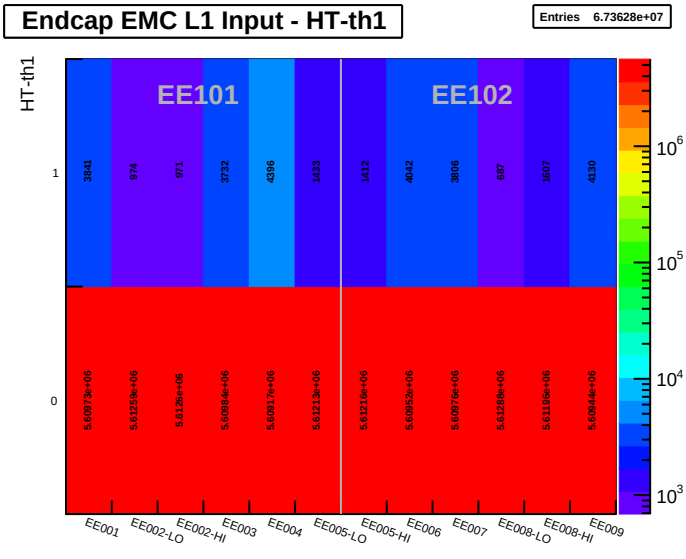

Endcap EMC L1 Input - Low Eta Sum
Entries 1334313
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

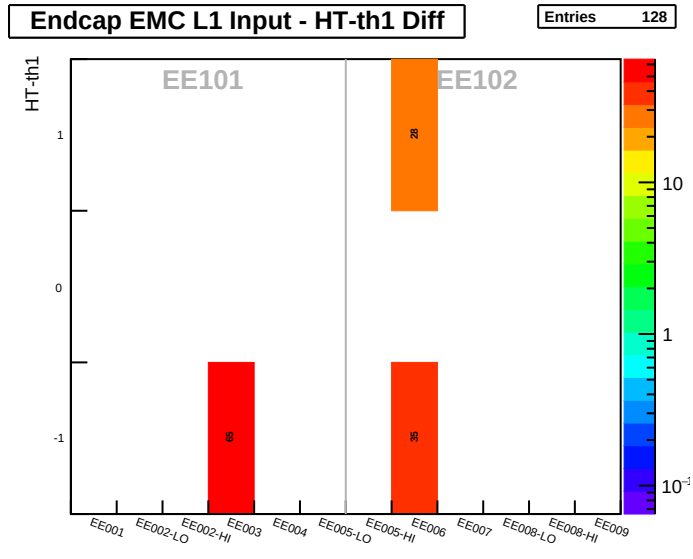

Endcap EMC L1 Input - High Eta Sum
Entries 6.73628e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

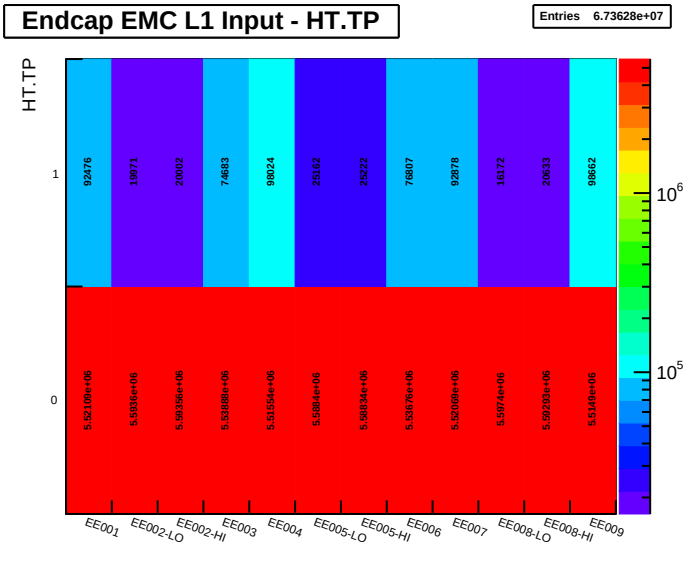

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

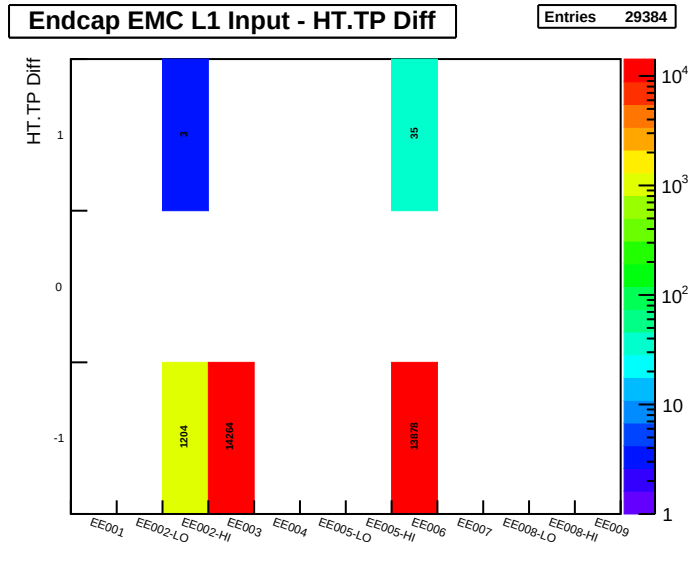

Endcap EMC L1 Input - HT-th0
Entries 6.73628e+07
HT-th0
EE101
EE102
8604 2107 2186 8117 9717 3075 2360 8079 8444 1600 3184 9047
5.60496e+06 5.61146e+06 5.61138e+06 5.60545e+06 5.60385e+06 5.61049e+06 5.61058e+06 5.60549e+06 5.60512e+06 5.61197e+06 5.61038e+06 5.60452e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

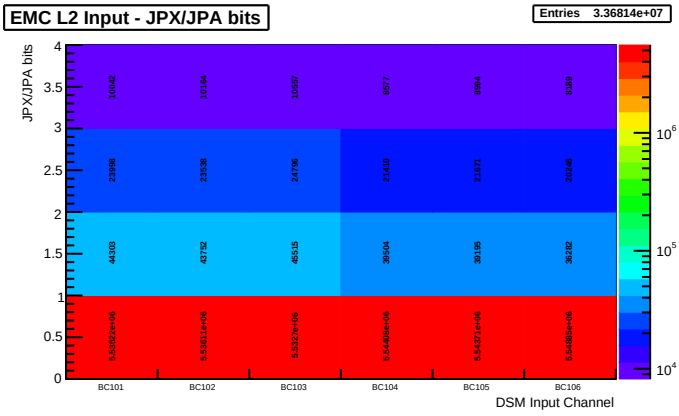

Endcap EMC L1 Input - HT-th0 Diff
Entries 289
HT-th0
EE101
EE102
28
12 141 105 3
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

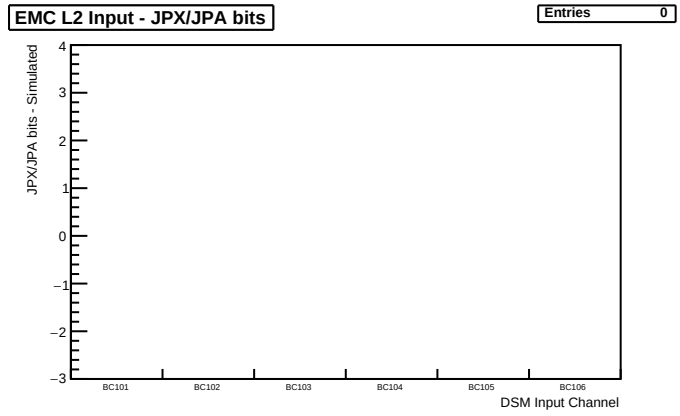

Endcap EMC L1 Input - HT-th1
Entries 6.73628e+07
HT-th1
EE101
EE102
3841 974 971 3732 4396 1433 1412 4042 3806 687 1607 4130
5.60973e+06 5.61259e+06 5.6126e+06 5.60994e+06 5.60917e+06 5.61213e+06 5.61216e+06 5.60952e+06 5.60976e+06 5.61268e+06 5.61196e+06 5.60944e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

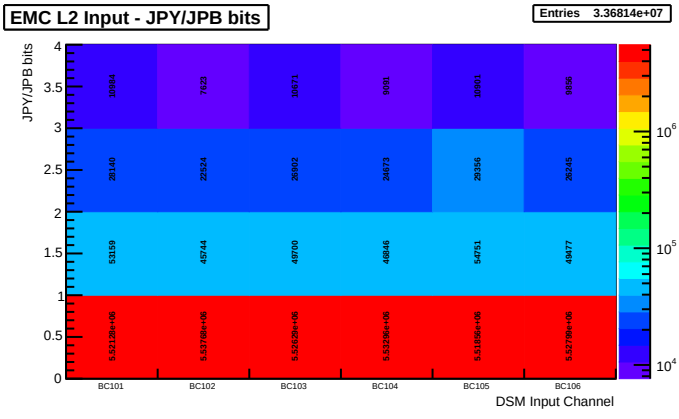

Endcap EMC L1 Input - HT-th1 Diff
Entries 128
HT-th1
EE101
EE102
28
65 35
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

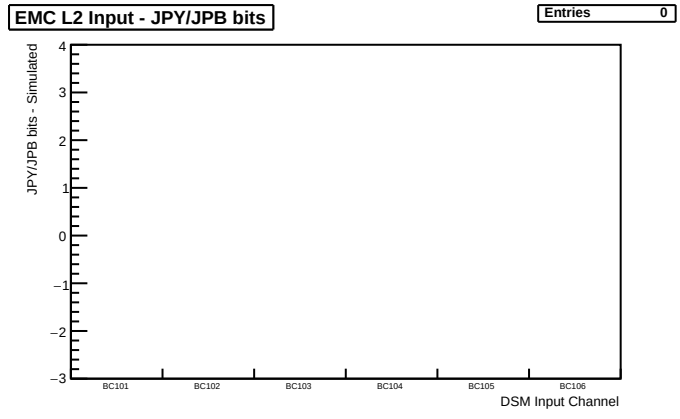

Endcap EMC L1 Input - HT.TP
Entries 6.73628e+07
HT.TP
92476 19971 20002 74683 98024 25162 25222 76807 92878 16172 20633 98662
5.52108e+06 5.5936e+06 5.50355e+06 5.53888e+06 5.51554e+06 5.5884e+06 5.50834e+06 5.53676e+06 5.52069e+06 5.5974e+06 5.59293e+06 5.5149e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

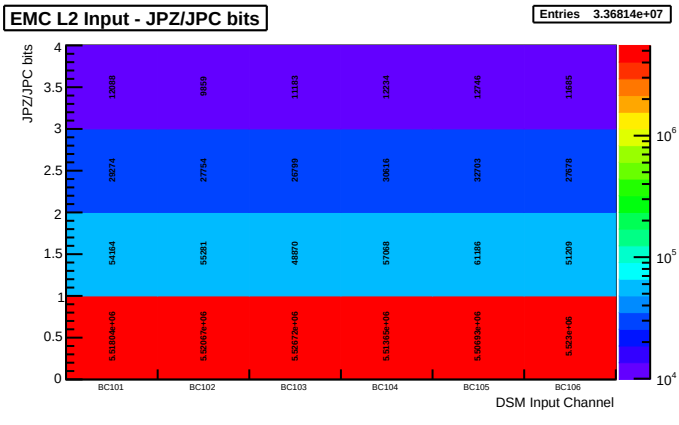

Endcap EMC L1 Input - HT.TP Diff
Entries 29384
HT.TP Diff
3 35
1204 14264 13878
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

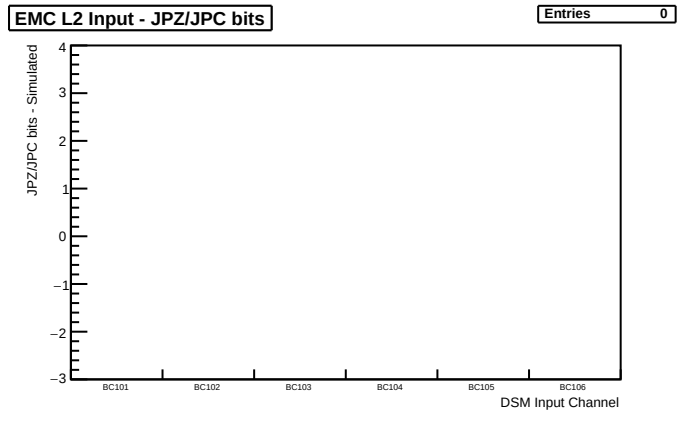

EMC L2 Input - JPX/JPA bits
Entries 3.36814e+07
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
10042 10164 10557 8577 8994 8189
23398 23538 24796 21410 21671 20246
44303 43752 45515 39504 39195 36282
5.53522e+06 5.53611e+06 5.53276e+06 5.54408e+06 5.54371e+06 5.54085e+06

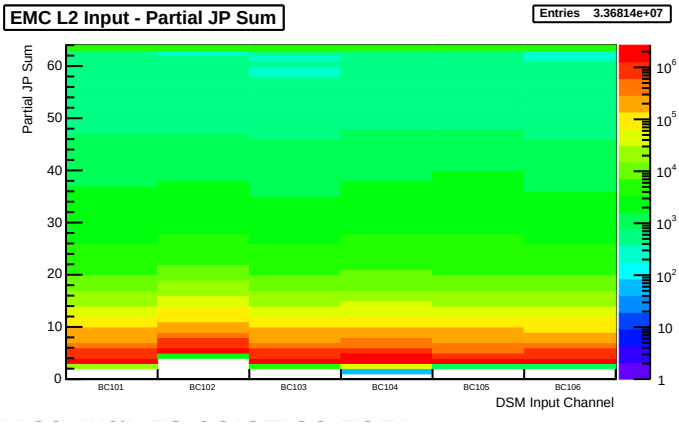

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

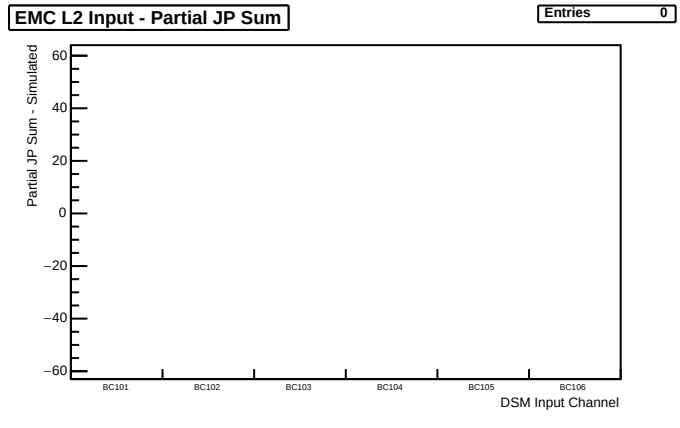

EMC L2 Input - JPY/JPB bits
Entries 3.36814e+07
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
10984 7625 10671 9091 10901 9856
23140 22524 26902 24673 29356 26245
53159 45744 49700 46846 54751 49477
5.52128e+06 5.53769e+06 5.52529e+06 5.53296e+06 5.51956e+06 5.52799e+06

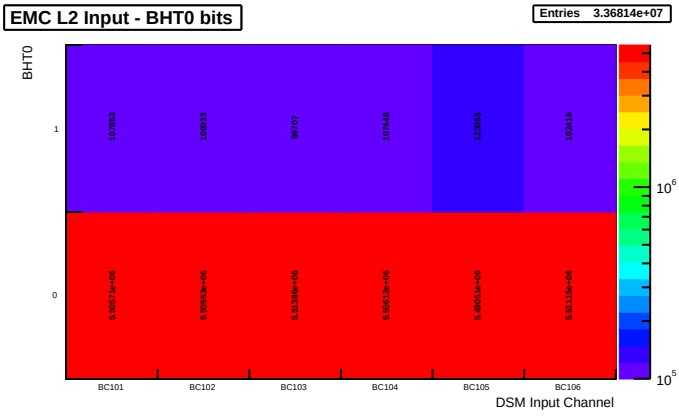

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

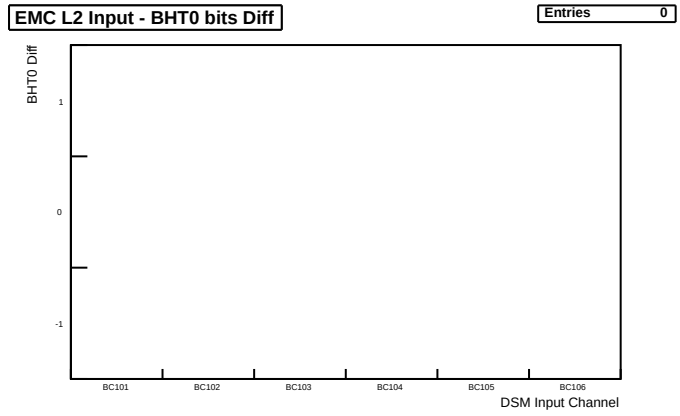

EMC L2 Input - JPZ/JPC bits
Entries 3.36814e+07
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
12088 9859 11183 12234 12746 11685
28274 27754 26799 30616 32703 27678
54164 55281 48970 57068 61186 51209
5.51834e+06 5.52057e+06 5.52672e+06 5.51355e+06 5.50693e+06 5.523e+06

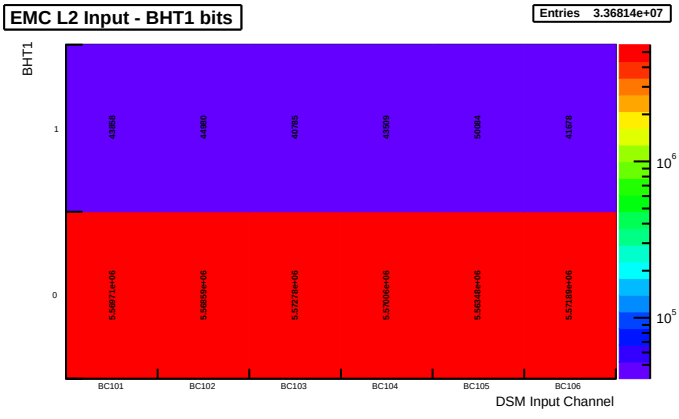

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

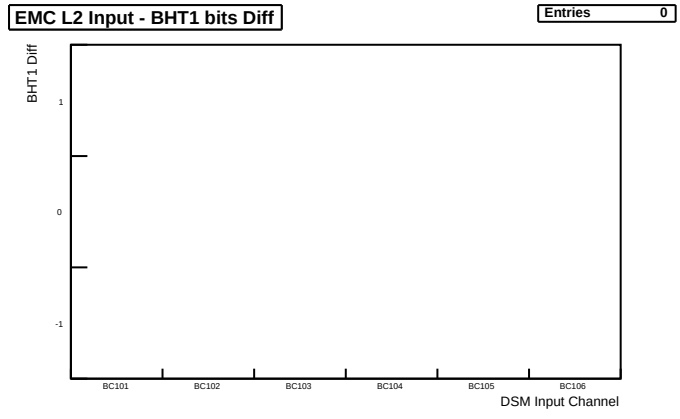

EMC L2 Input - Partial JP Sum
Entries 3.36814e+07
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

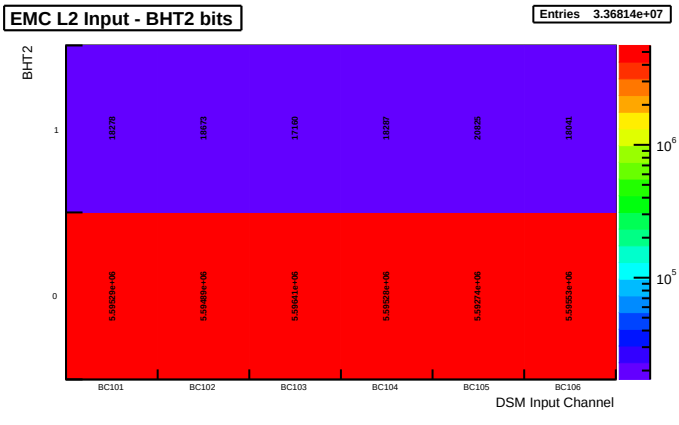

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

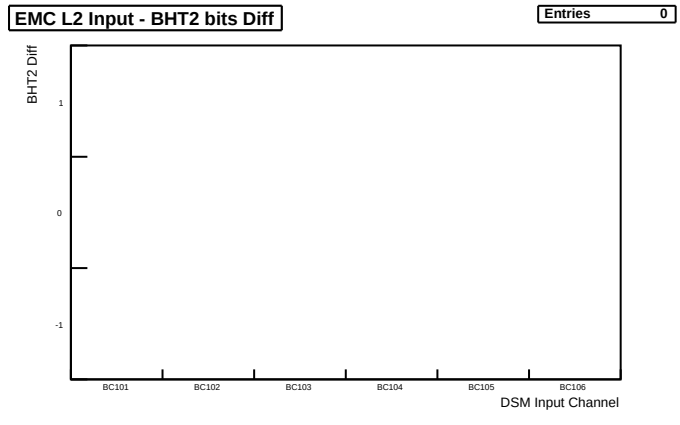

EMC L2 Input - BHT0 bits
Entries 3.36814e+07
BHT0
1
0
107853
108033
99707
107448
122933
102616
5.50571e+06
5.50553e+06
5.51389e+06
5.50612e+06
5.40051e+06
5.51115e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

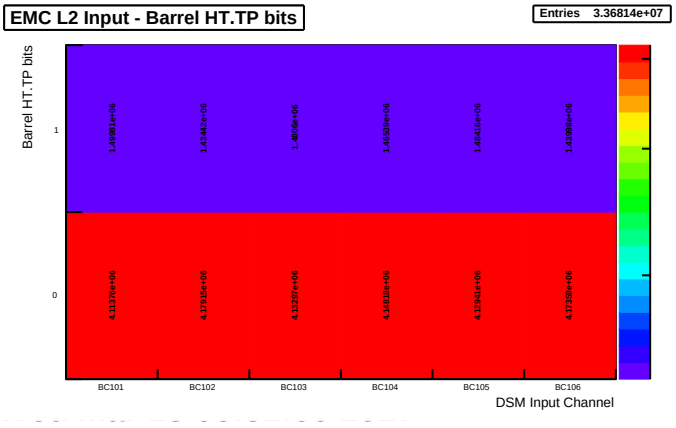

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

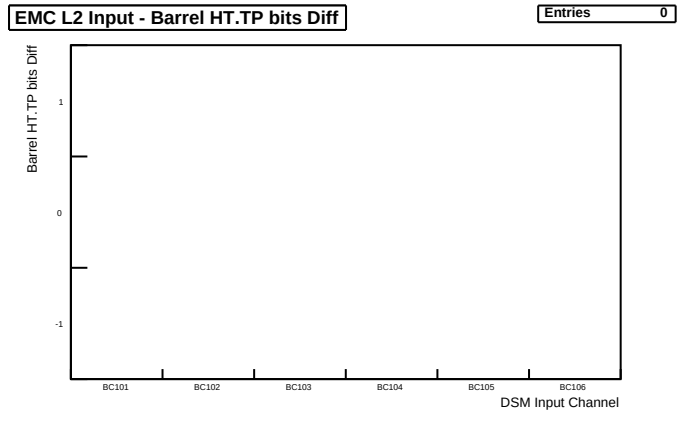

EMC L2 Input - BHT1 bits
Entries 3.36814e+07
BHT1
1
0
43858
44980
40785
43599
50084
41678
5.56871e+06
5.56859e+06
5.57278e+06
5.57006e+06
5.56348e+06
5.57189e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

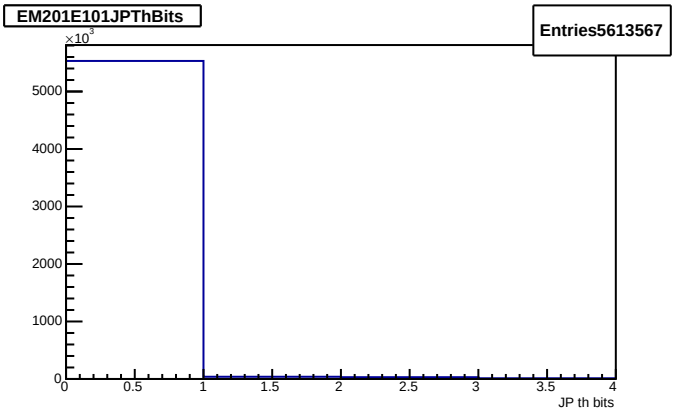

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

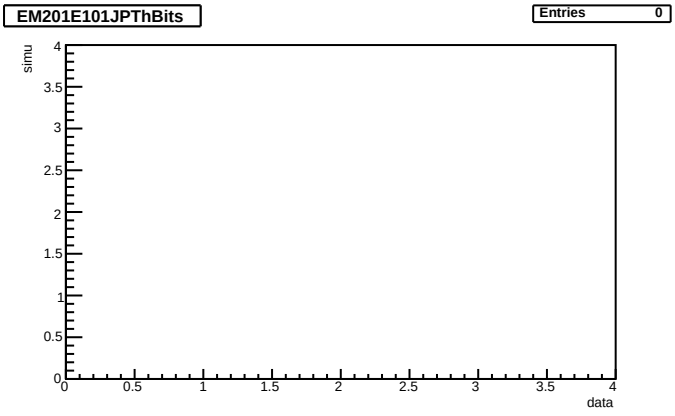

EMC L2 Input - BHT2 bits
Entries 3.36814e+07
BHT2
1
0
18278
18673
17180
18237
20925
18041
5.59529e+06
5.59459e+06
5.59941e+06
5.59528e+06
5.59274e+06
5.59553e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

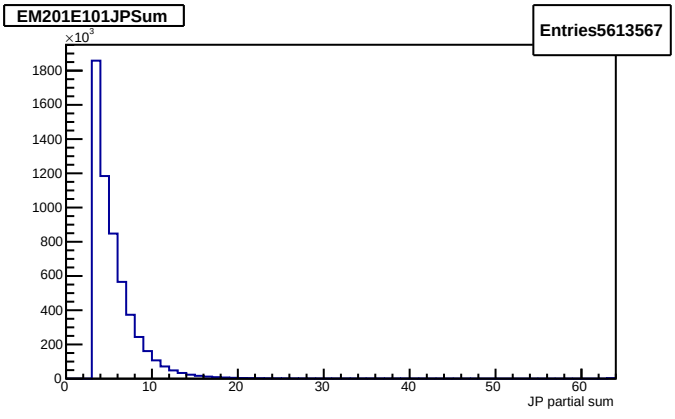

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

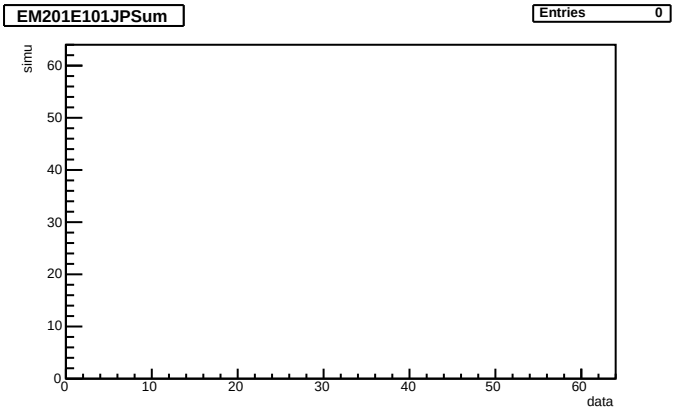

EMC L2 Input - Barrel HT.TP bits
Entries 3.36814e+07
Barrel HT.TP bits
1
0
1.49861e+06
1.53452e+06
1.4096e+06
1.46539e+06
1.48416e+06
1.43998e+06
4.11170e+06
4.17315e+06
4.13297e+06
4.16318e+06
4.12941e+06
4.17359e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

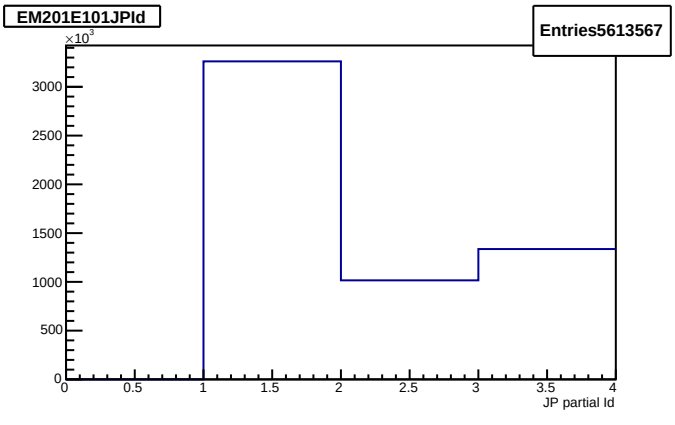

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

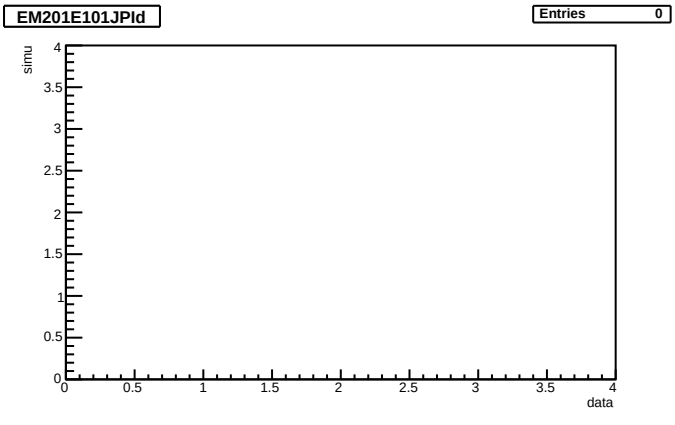

EM201E101JPThBits
Entries5613567
×10^3
JP th bits

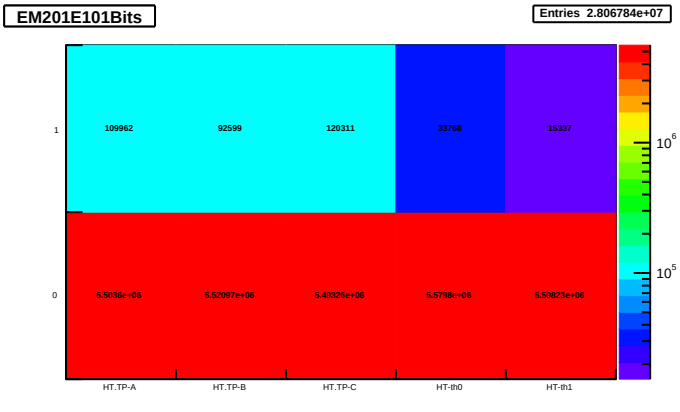

EM201E101JPThBits
Entries 0
simu
data

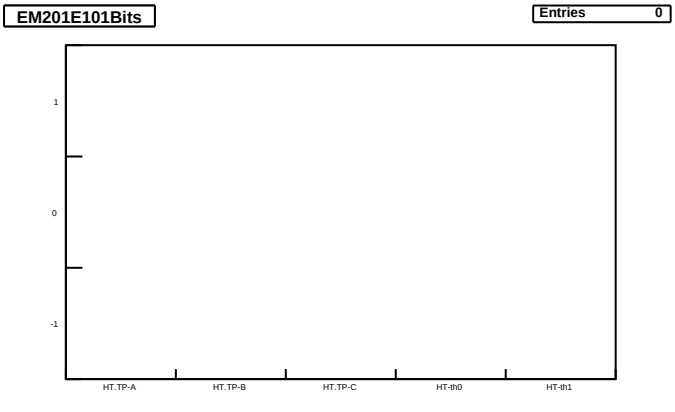

EM201E101JPSum
Entries5613567
×10^3
JP partial sum

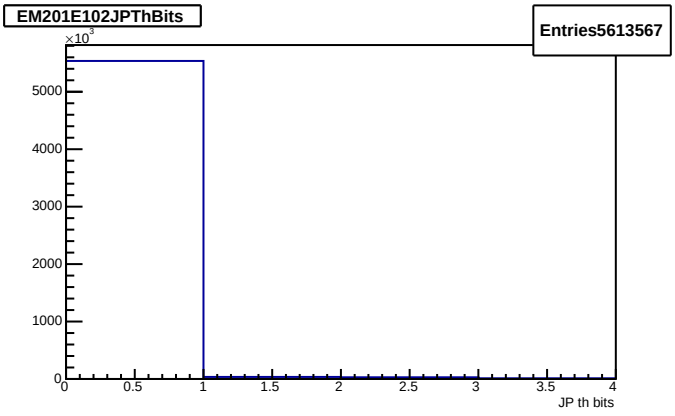

EM201E101JPSum
Entries 0
simu
data

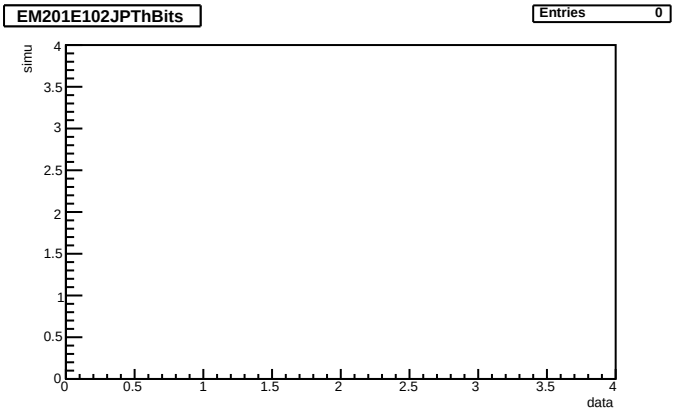

EM201E101JPId
Entries5613567
×10^3
JP partial Id

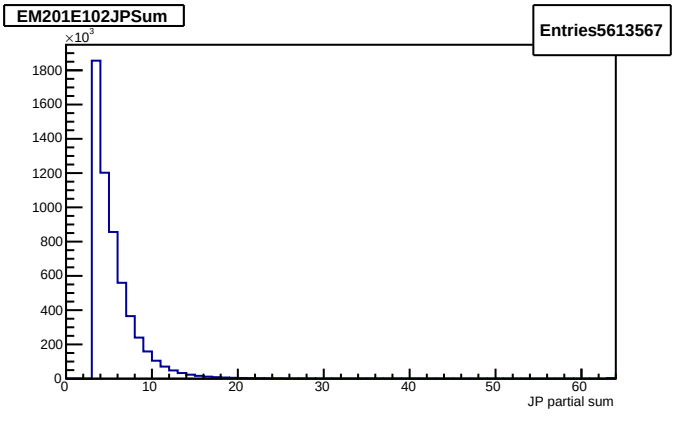

EM201E101JPId
Entries 0
simu
data

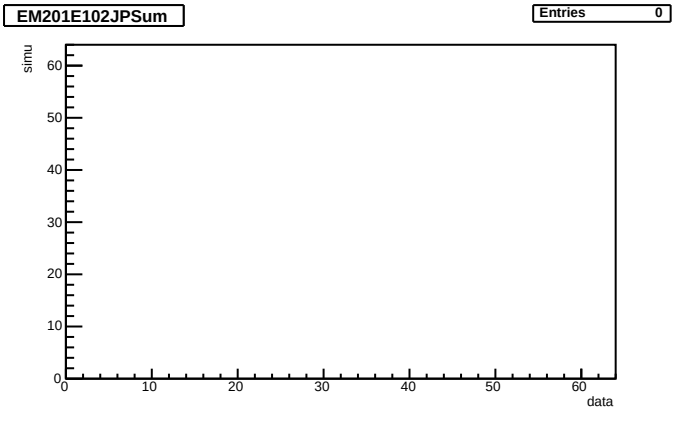

EM201E101Bits
Entries 2.806784e+07
109962
92599
120311
33768
15337
5.5036e+06
5.52097e+06
5.49326e+06
5.5798e+06
5.59823e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

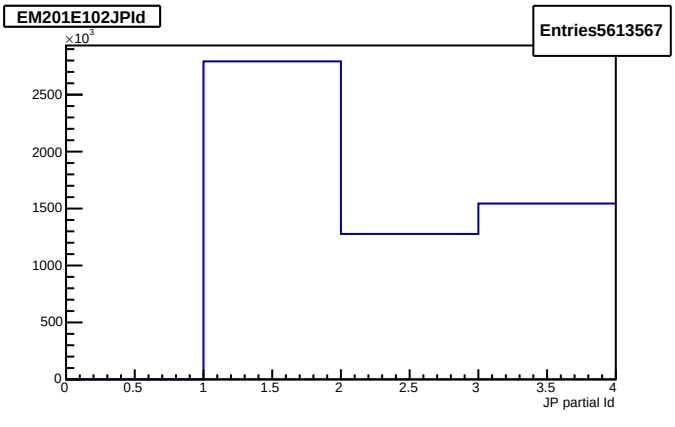

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

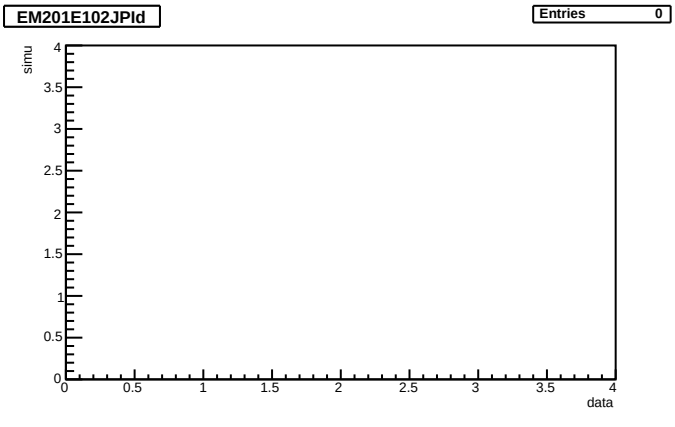

EM201E102JPThBits
Entries5613567
×10^3
JP th bits

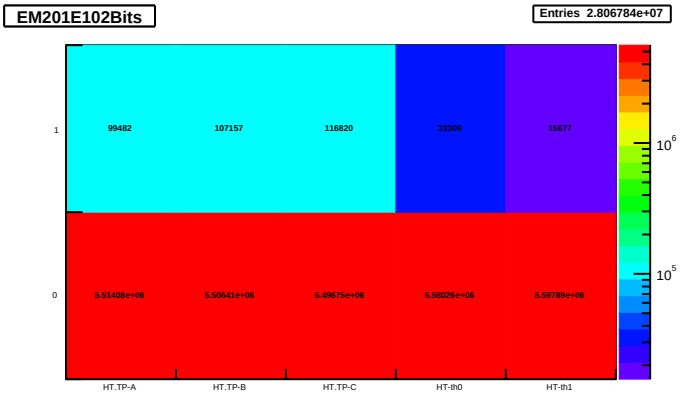

EM201E102JPThBits
Entries 0
simu
data

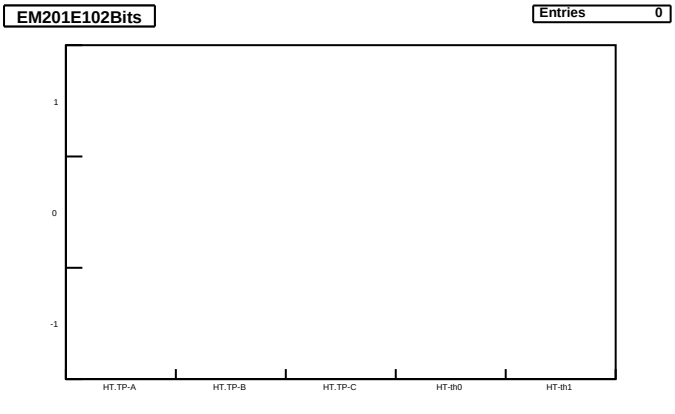

EM201E102JPSum
Entries5613567
×10^3
JP partial sum

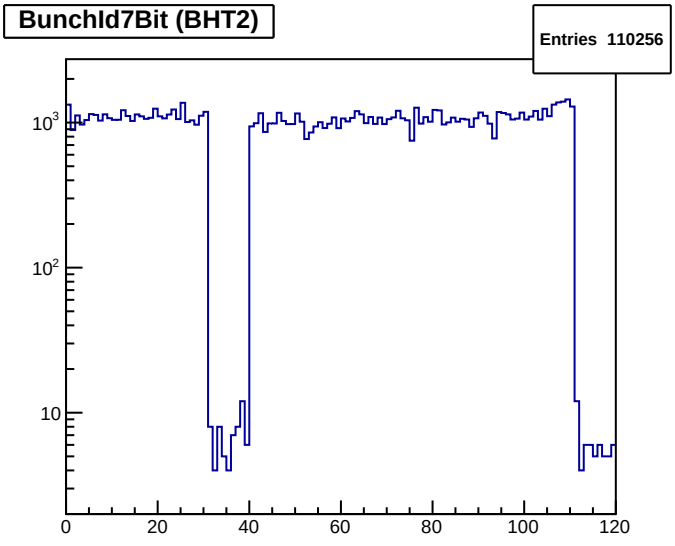

EM201E102JPSum
Entries 0
simu
data

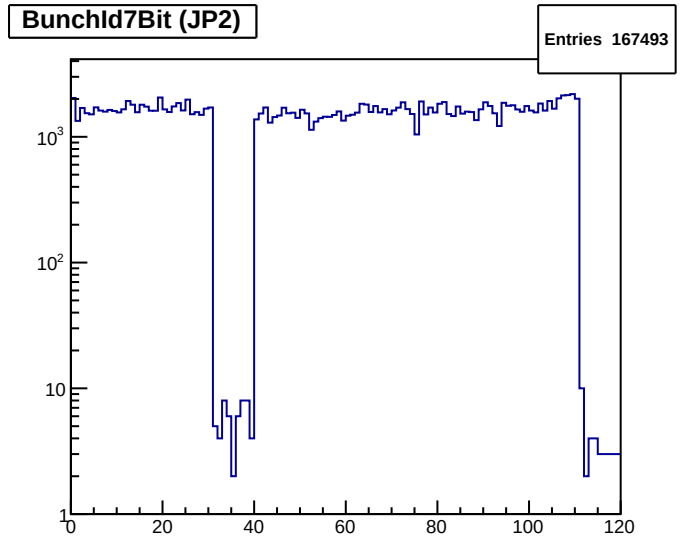

EM201E102JPId
Entries5613567
×10^3
JP partial Id

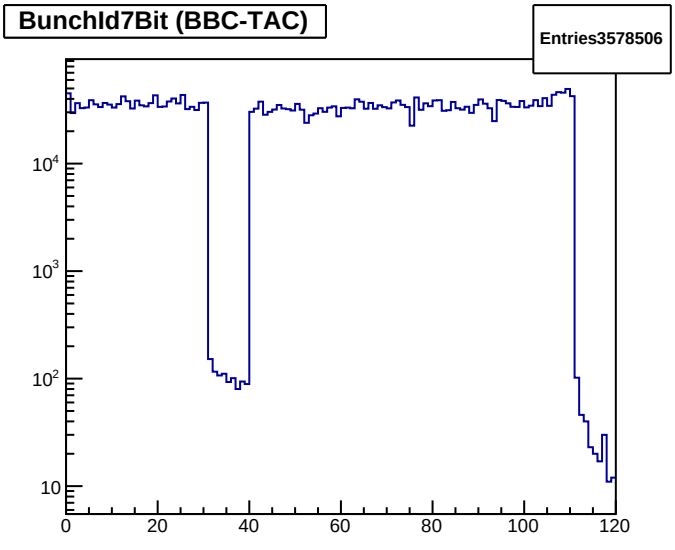

EM201E102JPId
Entries 0
simu
data

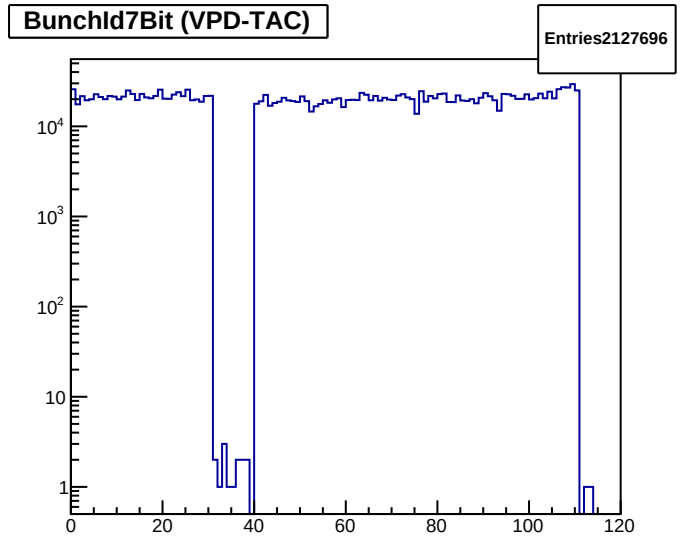

EM201E102Bits
Entries 2.806784e+07
99482
107157
116820
33309
15677
5.51408e+06
5.50641e+06
5.49675e+06
5.58026e+06
5.59789e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

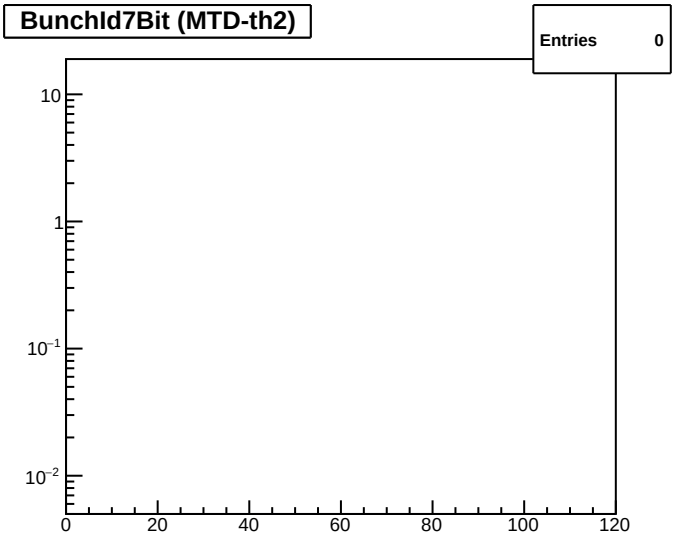

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

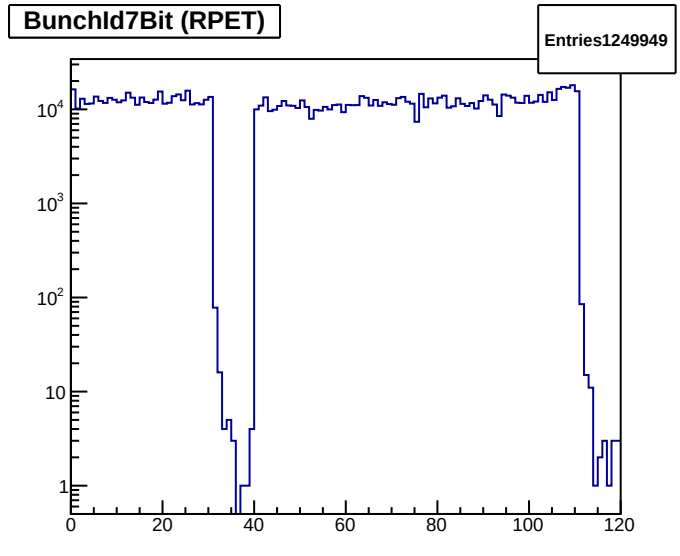

BunchId7Bit (BHT2)
Entries 110256

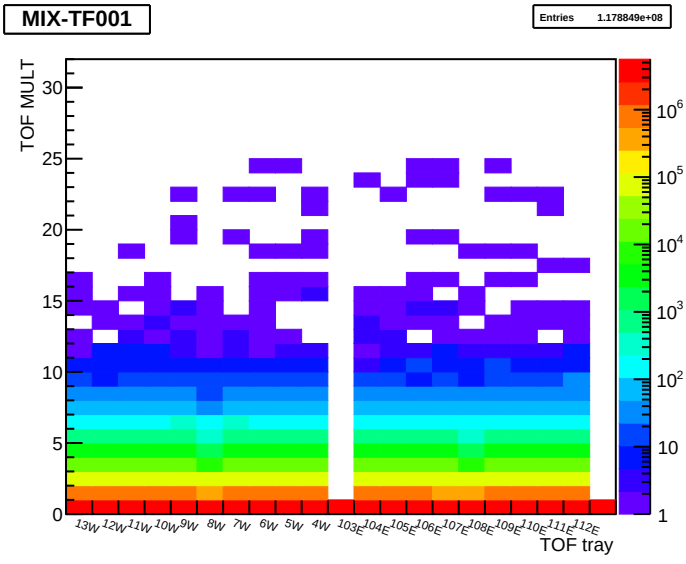

BunchId7Bit (JP2)
Entries 167493

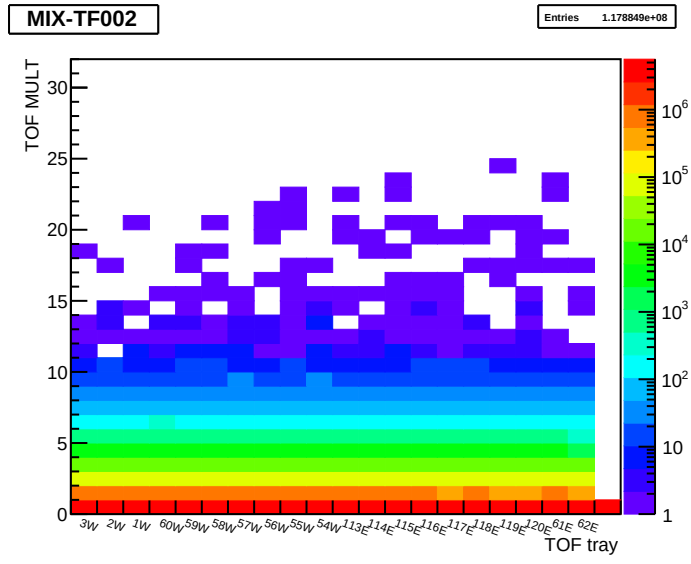

BunchId7Bit (BBC-TAC)
Entries3578506

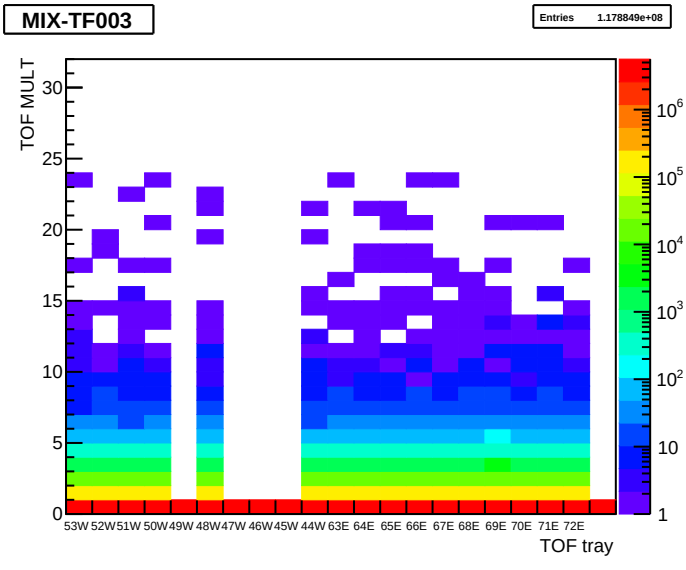

BunchId7Bit (VPD-TAC)
Entries2127696

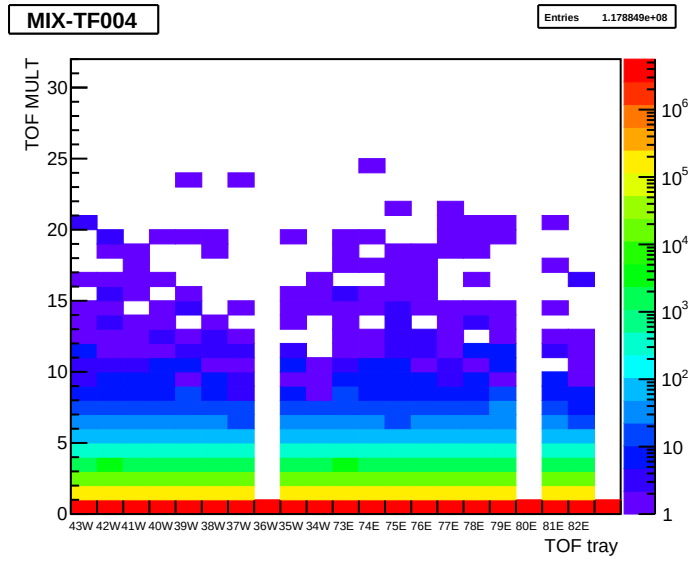

BunchId7Bit (MTD-th2)
Entries 0

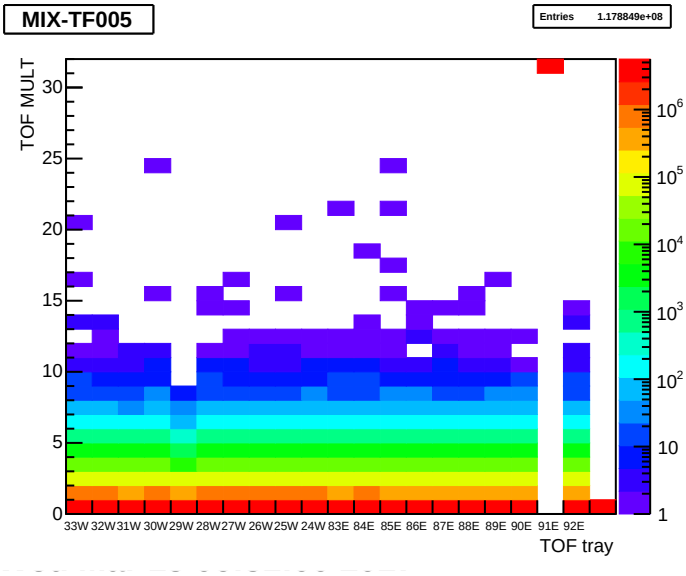

BunchId7Bit (RPET)
Entries1249949

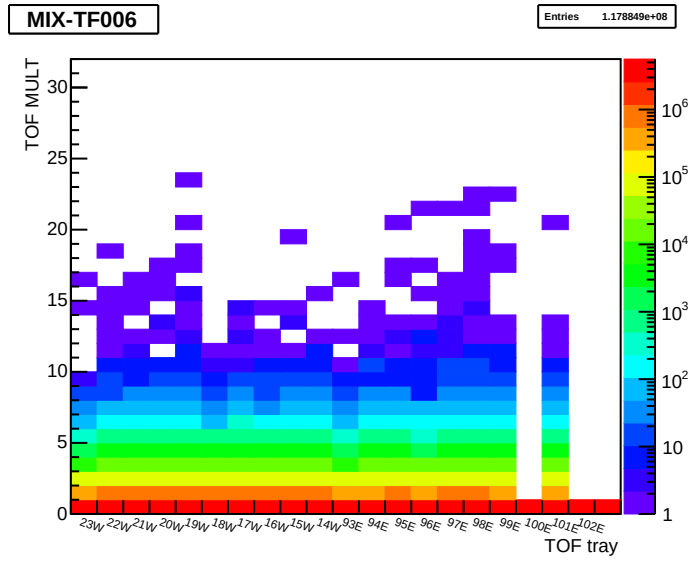

MIX-TF001
Entries 1.178849e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

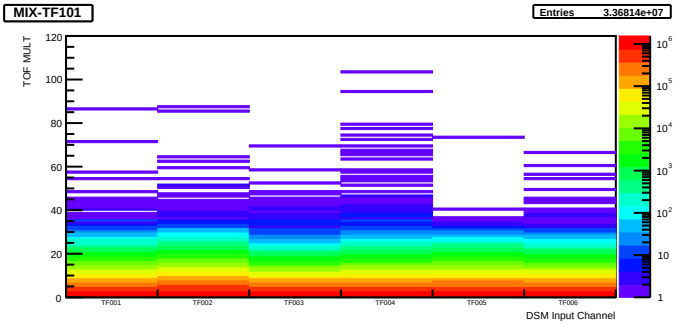

MIX-TF002
Entries 1.178849e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

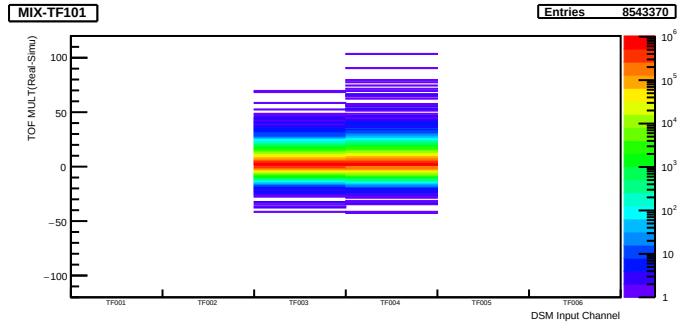

MIX-TF003
Entries 1.178849e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

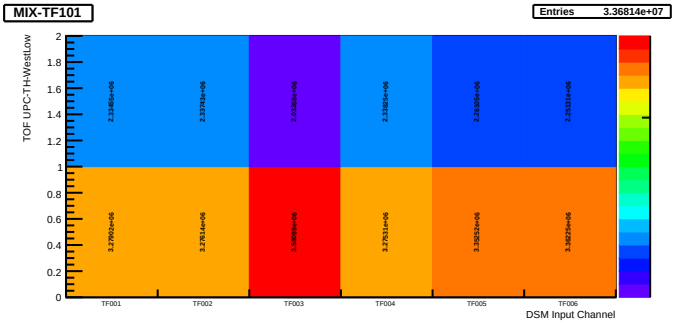

MIX-TF004
Entries 1.178849e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

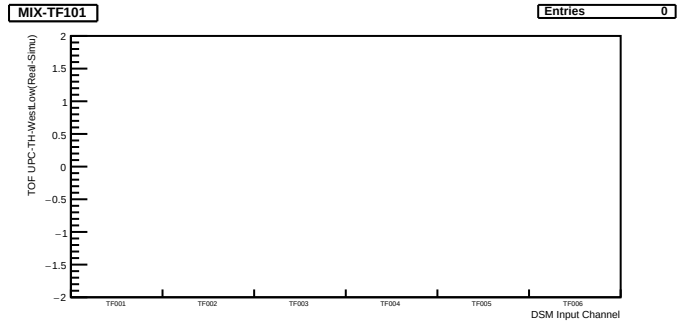

MIX-TF005
Entries 1.178849e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

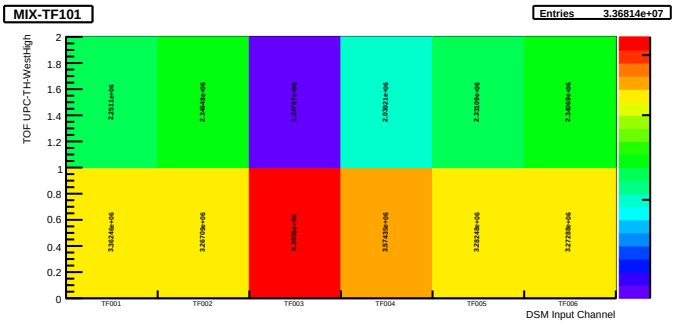

MIX-TF006
Entries 1.178849e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

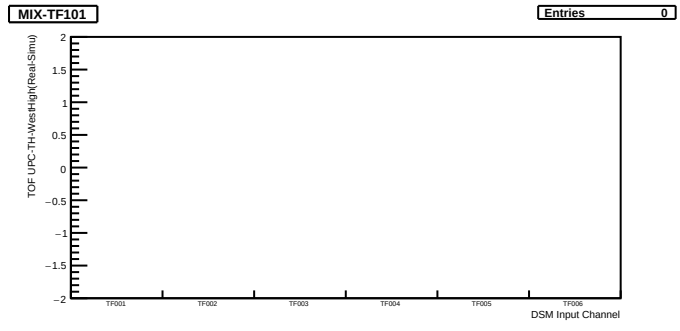

MIX-TF101
Entries 3.36814e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

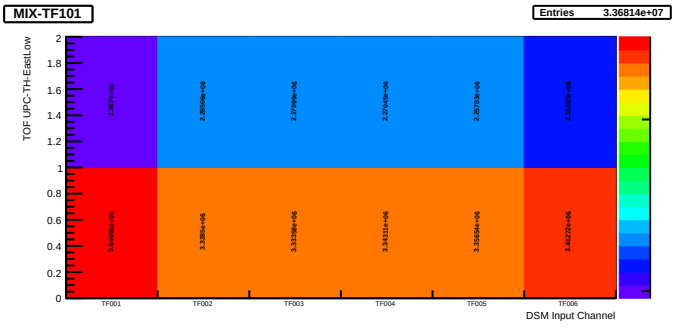

MIX-TF101
Entries 8543370
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

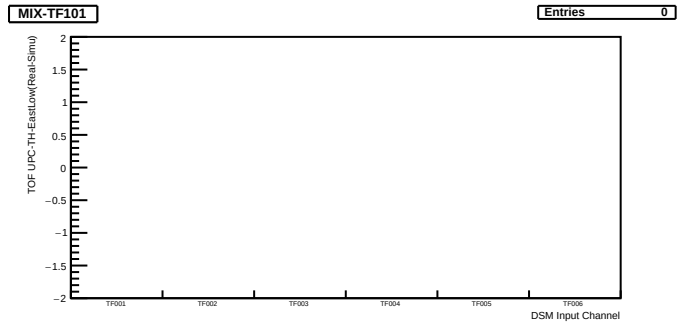

MIX-TF101
Entries 3.36814e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

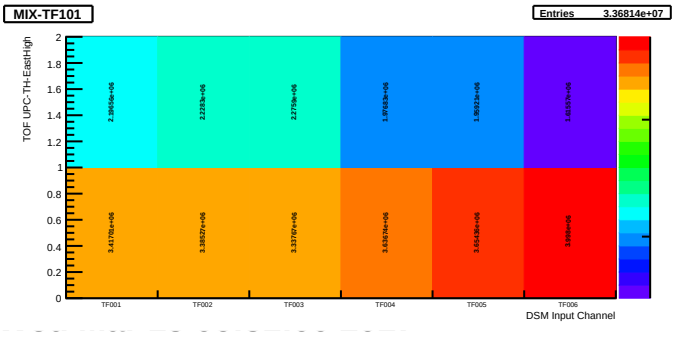

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

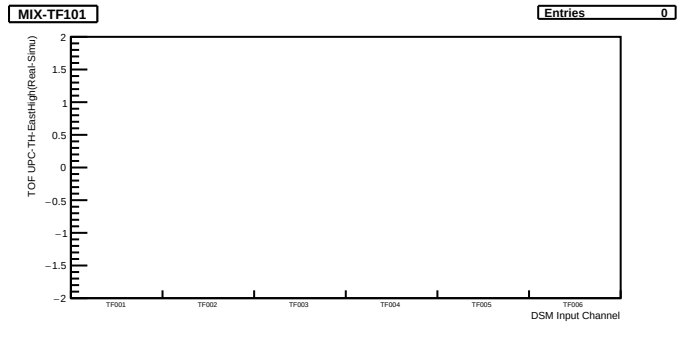

MIX-TF101
Entries 3.36814e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

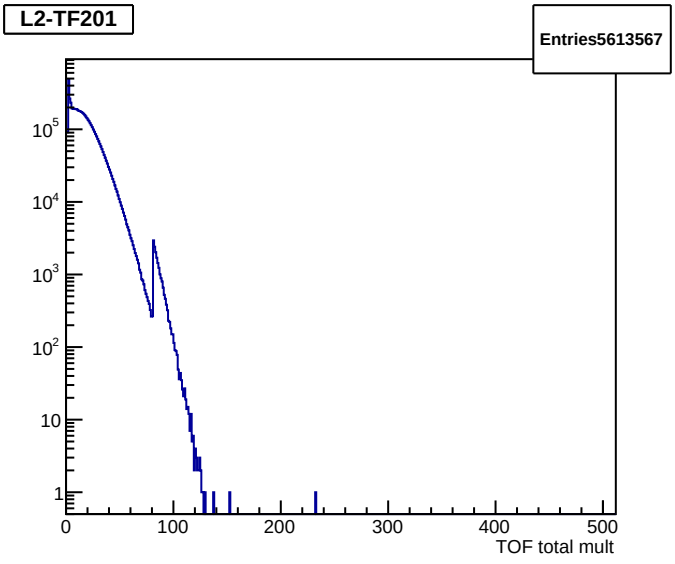

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

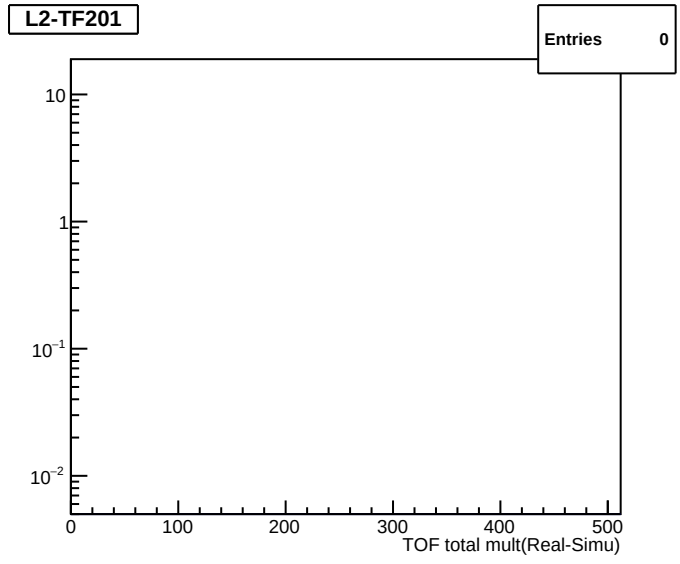

MIX-TF101
Entries 3.36814e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

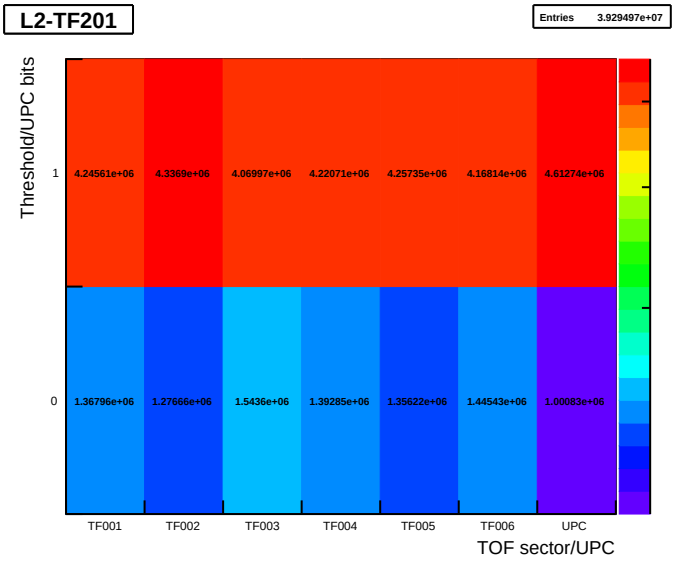

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

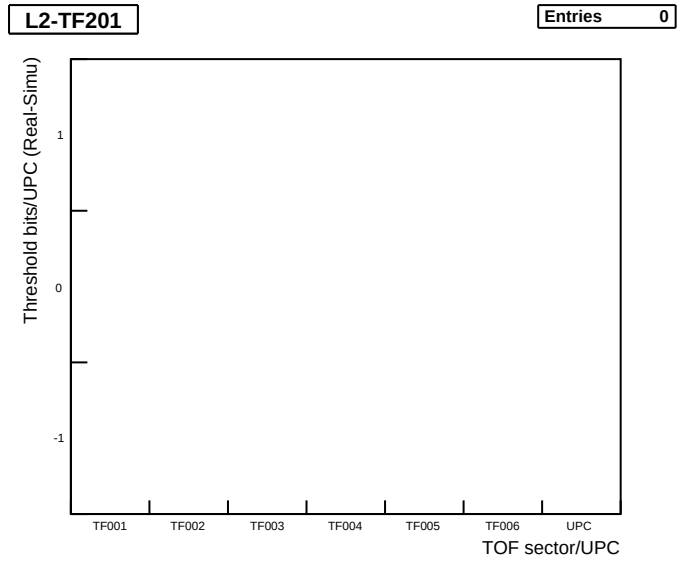

MIX-TF101
Entries 3.36814e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

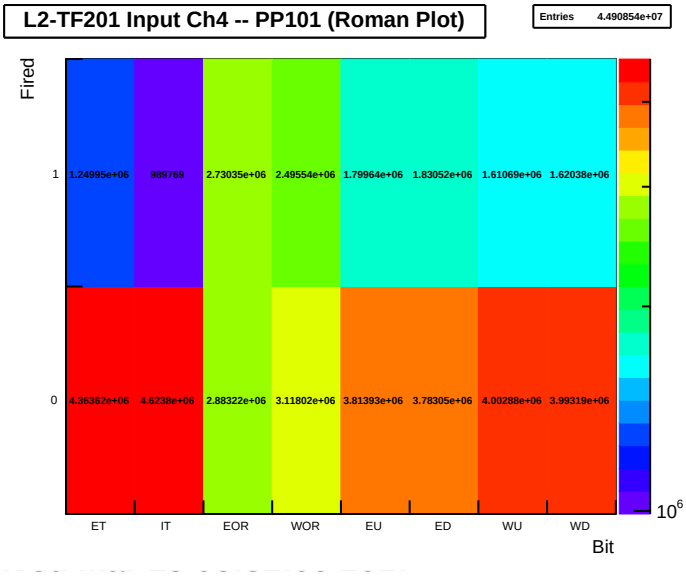

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

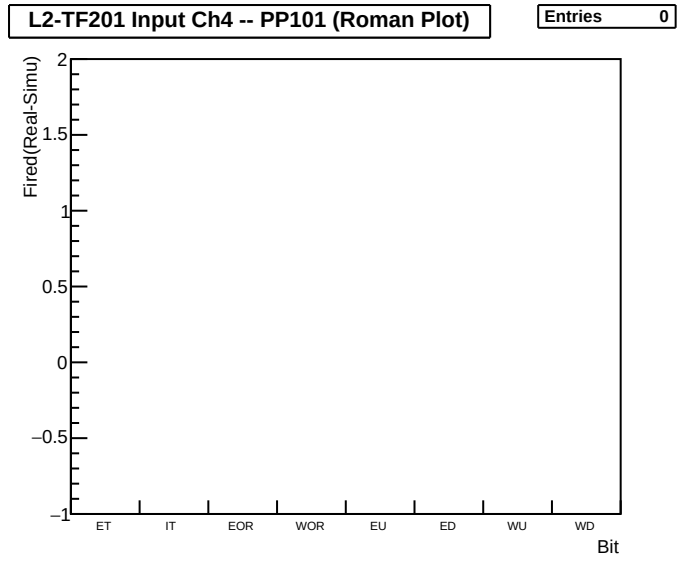

L2-TF201
Entries5613567
TOF total mult

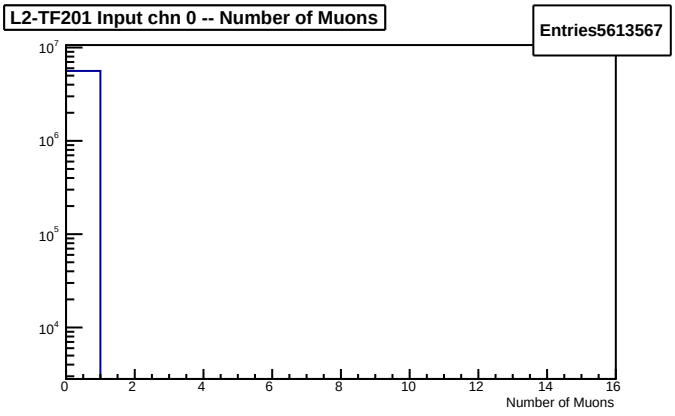

L2-TF201
Entries 0
TOF total mult(Real-Simu)

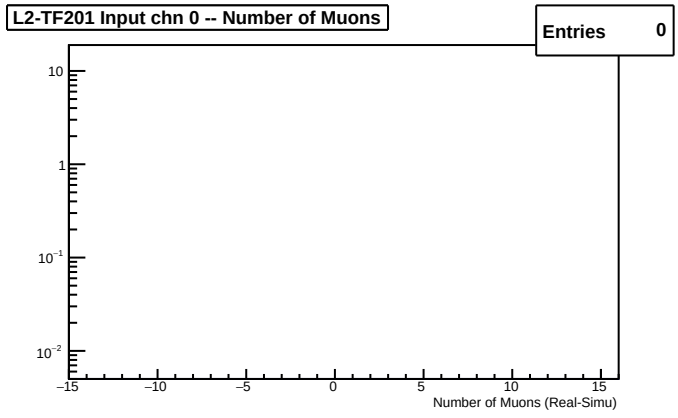

L2-TF201
Entries 3.929497e+07
Threshold/UPC bits
4.24561e+06
4.3369e+06
4.06997e+06
4.22071e+06
4.25735e+06
4.16814e+06
4.61274e+06
1.36796e+06
1.27666e+06
1.5436e+06
1.39285e+06
1.35622e+06
1.44543e+06
1.00083e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

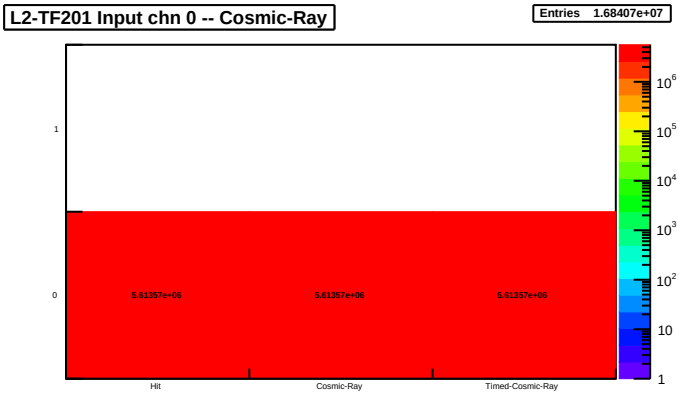

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

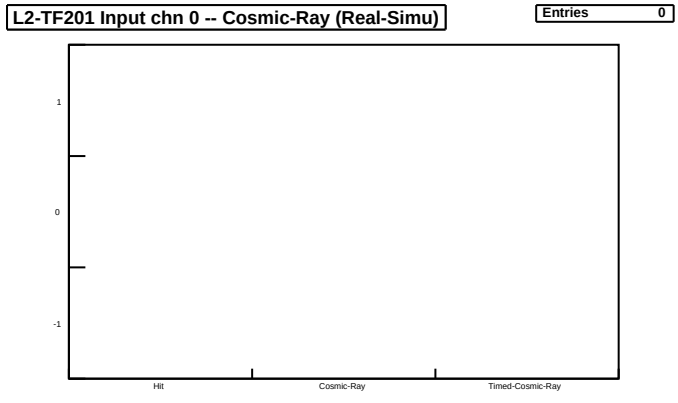

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.490854e+07
Fired
1.24995e+06
989769
2.73035e+06
2.49554e+06
1.79964e+06
1.83052e+06
1.61069e+06
1.62038e+06
4.36362e+06
4.6238e+06
2.88322e+06
3.11802e+06
3.81393e+06
3.78305e+06
4.00288e+06
3.99319e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

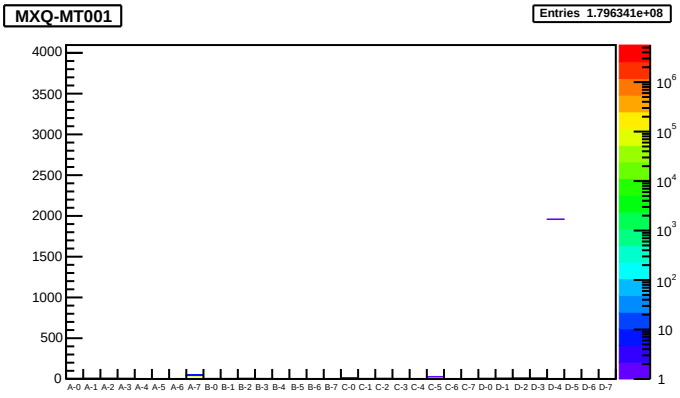

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

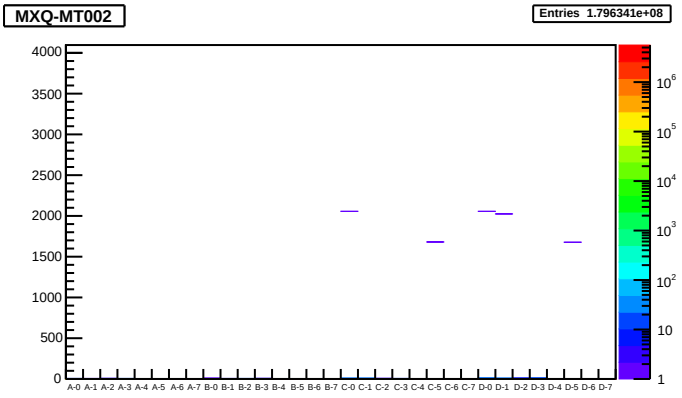

L2-TF201 Input chn 0 -- Number of Muons
Entries5613567
Number of Muons

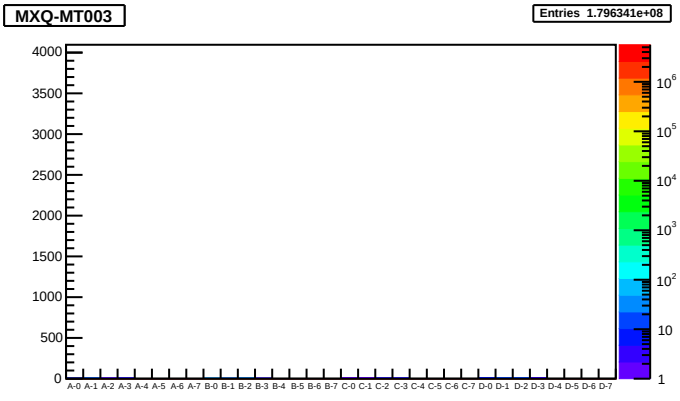

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

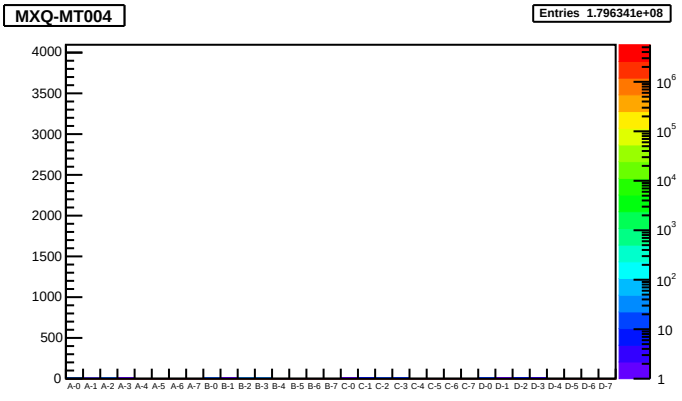

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.68407e+07
5.61357e+06
5.61357e+06
5.61357e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

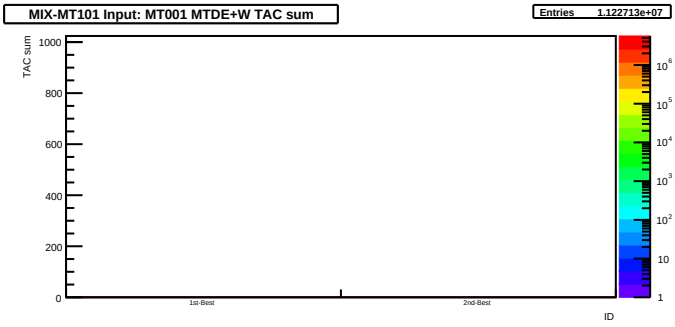

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

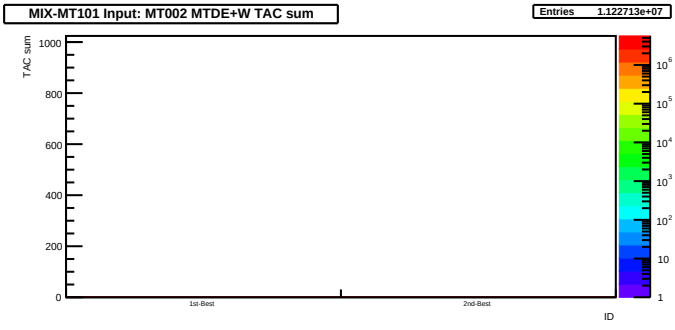

MXQ-MT001
Entries 1.796341e+08

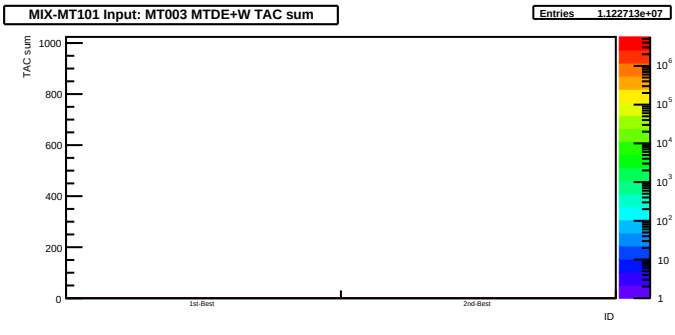

MXQ-MT002
Entries 1.796341e+08

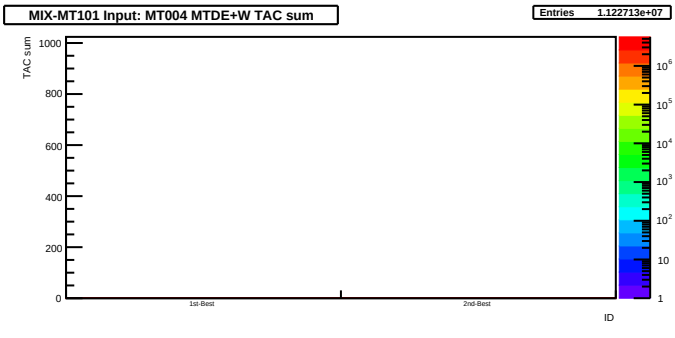

MXQ-MT003
Entries 1.796341e+08

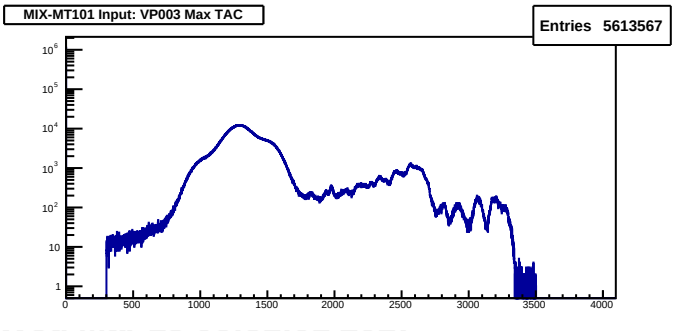

MXQ-MT004
Entries 1.796341e+08

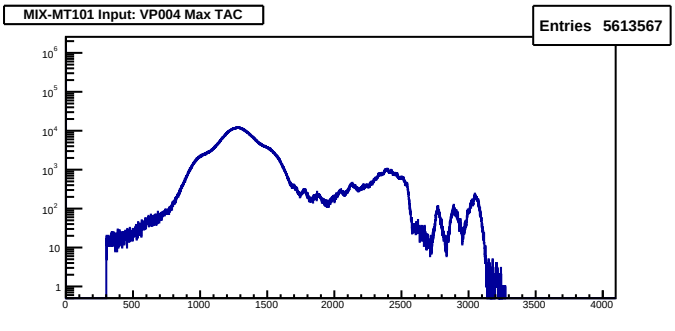

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.122713e+07
TAC sum
1st-Best
2nd-Best
ID

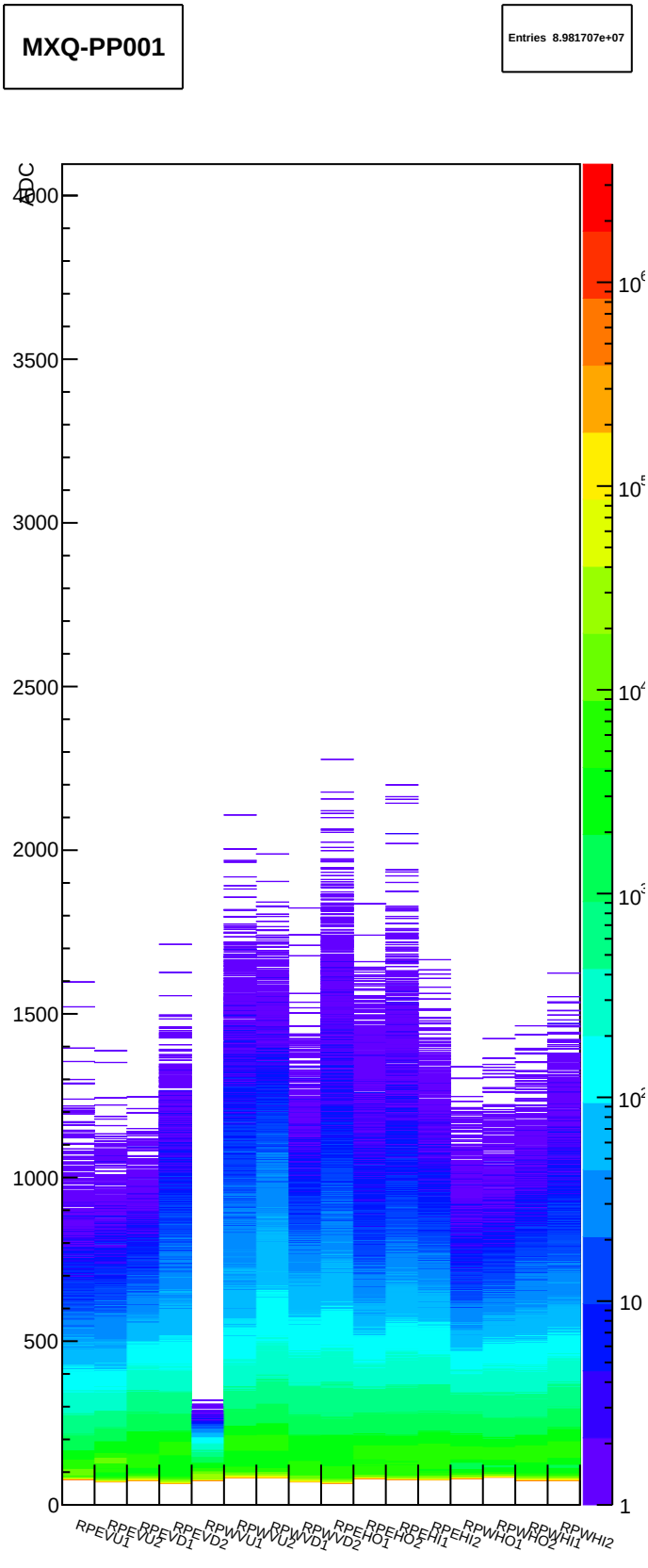

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.122713e+07
TAC sum
1st-Best
2nd-Best
ID

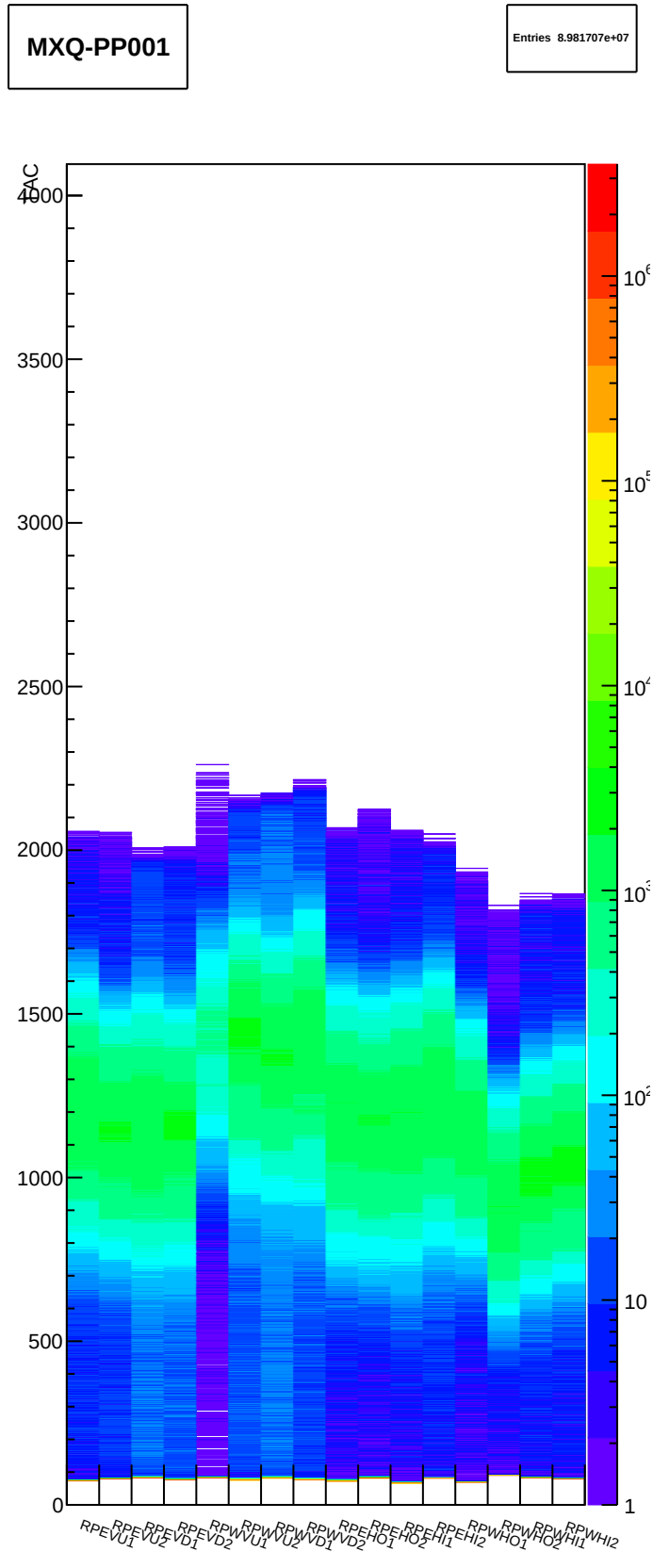

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.122713e+07
TAC sum
1st-Best
2nd-Best
ID

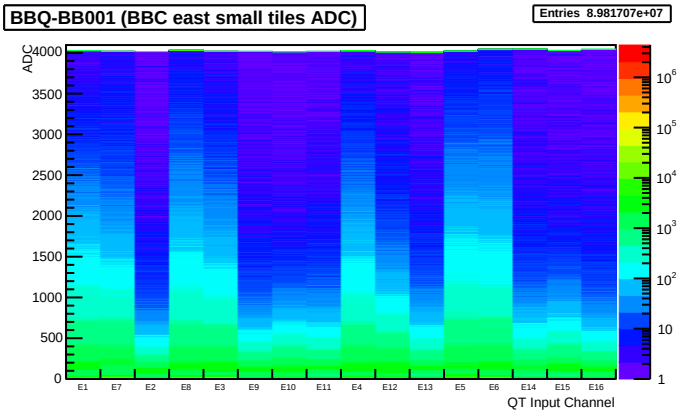

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.122713e+07
TAC sum
1st-Best
2nd-Best
ID

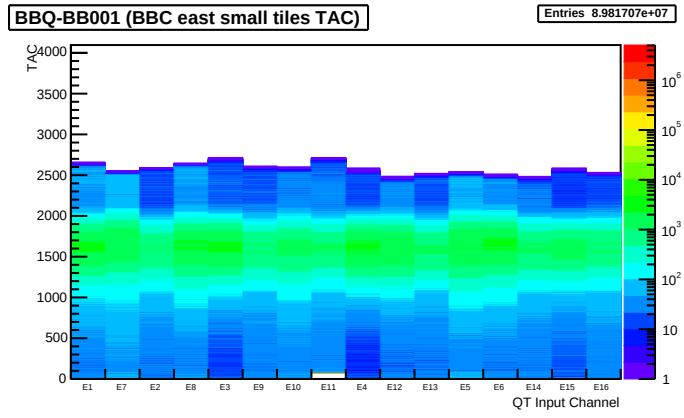

MIX-MT101 Input: VP003 Max TAC
Entries 5613567

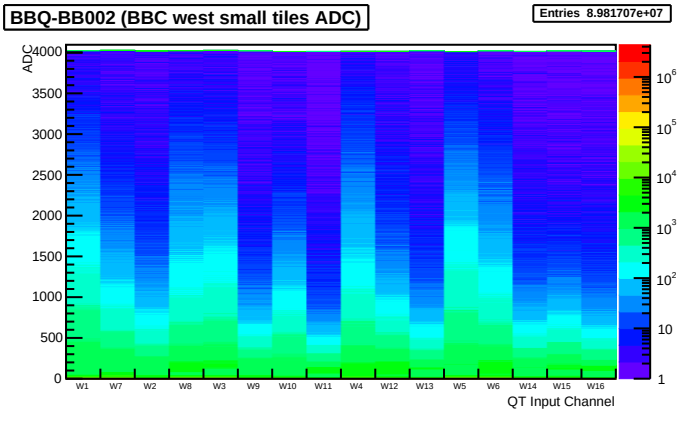

MIX-MT101 Input: VP004 Max TAC
Entries 5613567

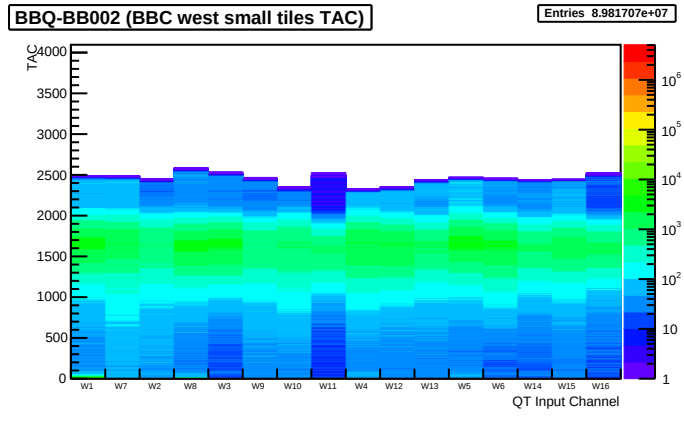

MXQ-PP001
Entries 8.981707e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

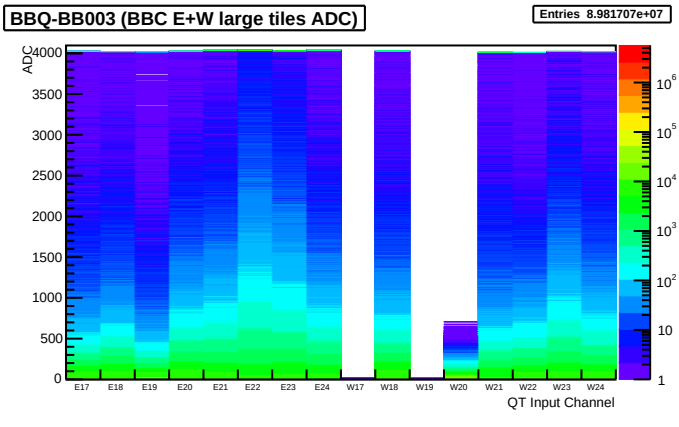

MXQ-PP001
Entries 8.981707e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

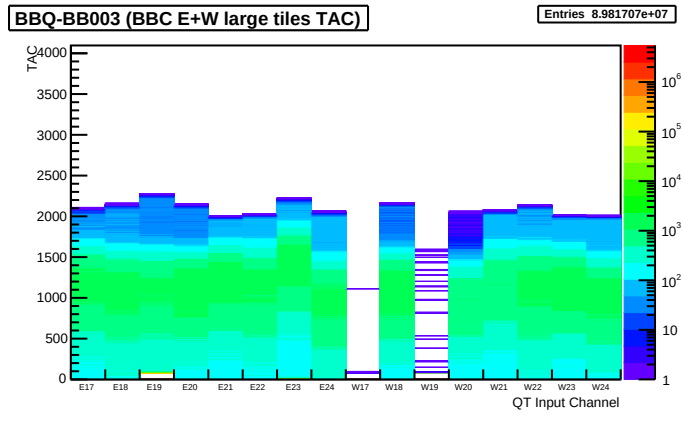

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.981707e+07
ADC
QT Input Channel

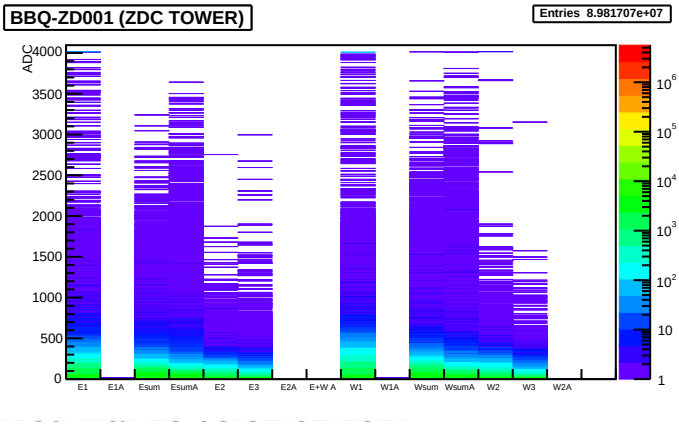

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.981707e+07
TAC
QT Input Channel

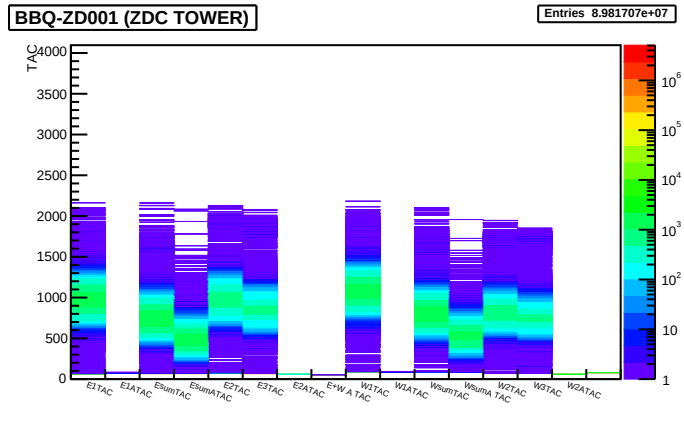

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.981707e+07
ADC
QT Input Channel

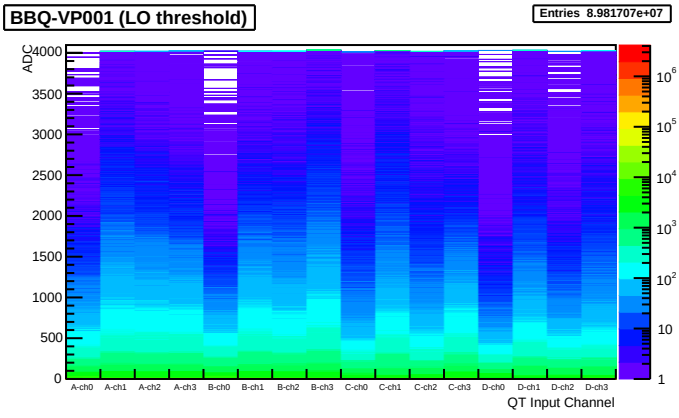

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.981707e+07
TAC
QT Input Channel

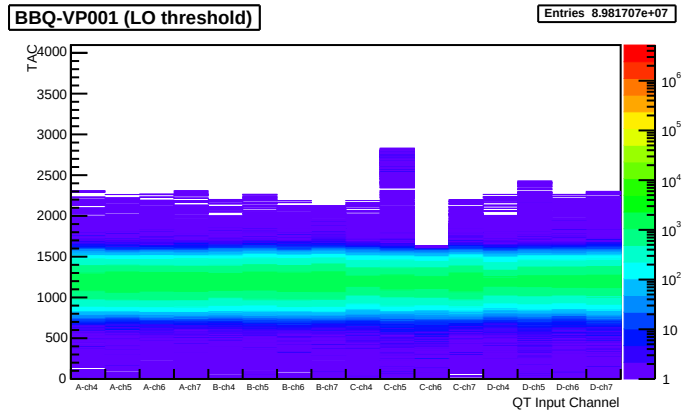

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.981707e+07
ADC
QT Input Channel

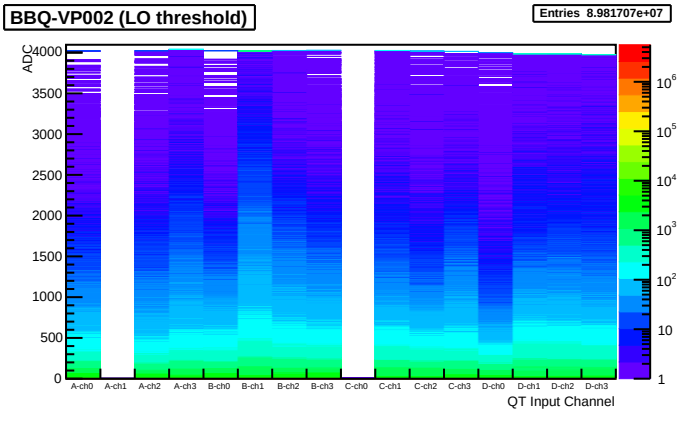

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.981707e+07
TAC
QT Input Channel

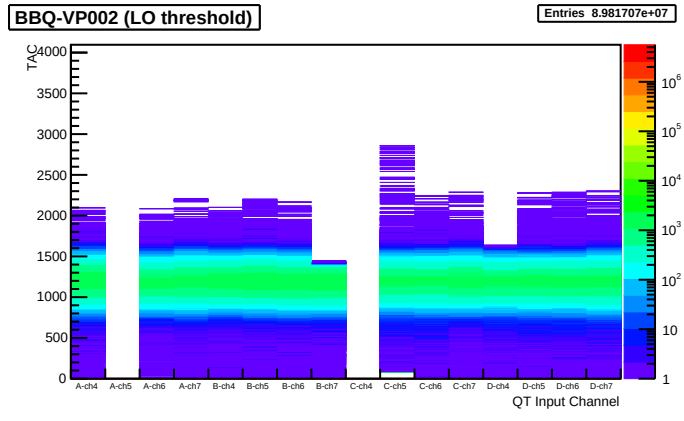

BBQ-ZD001 (ZDC TOWER)
Entries 8.981707e+07
ADC

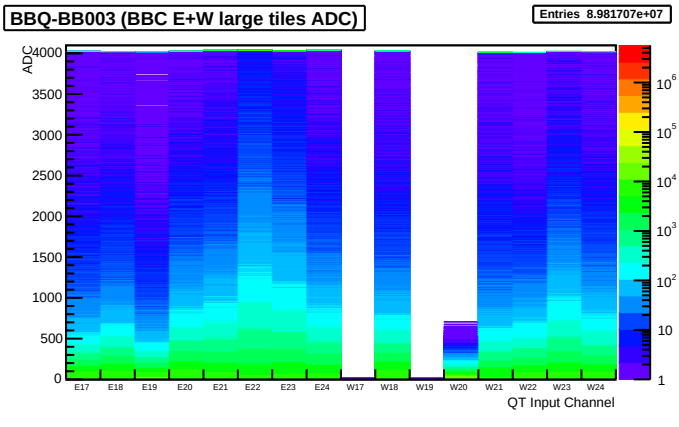

BBQ-ZD001 (ZDC TOWER)
Entries 8.981707e+07
TAC

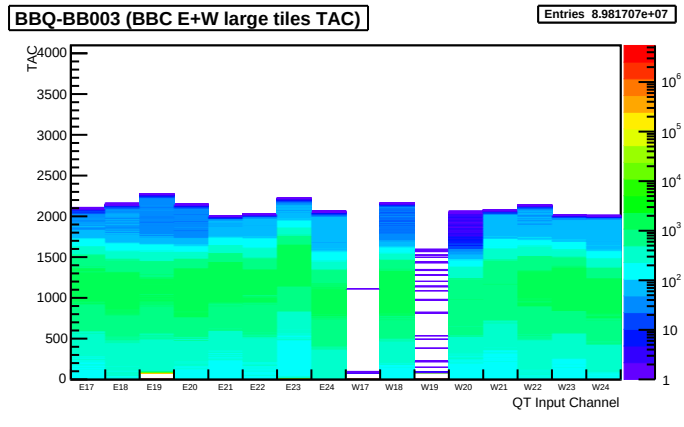

BBQ-VP001 (LO threshold)
Entries 8.981707e+07
ADC
QT Input Channel

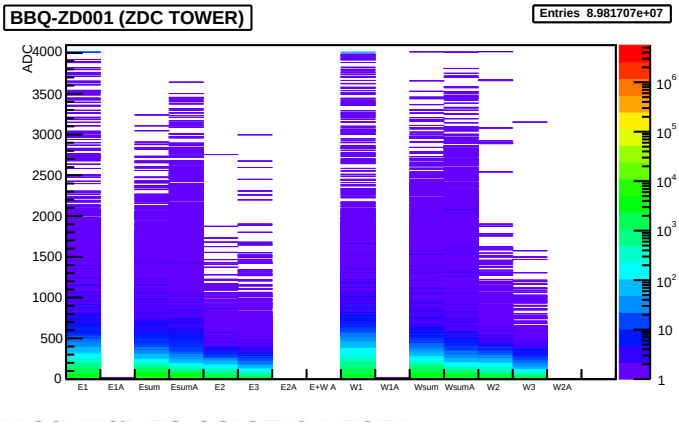

BBQ-VP001 (LO threshold)
Entries 8.981707e+07
TAC
QT Input Channel

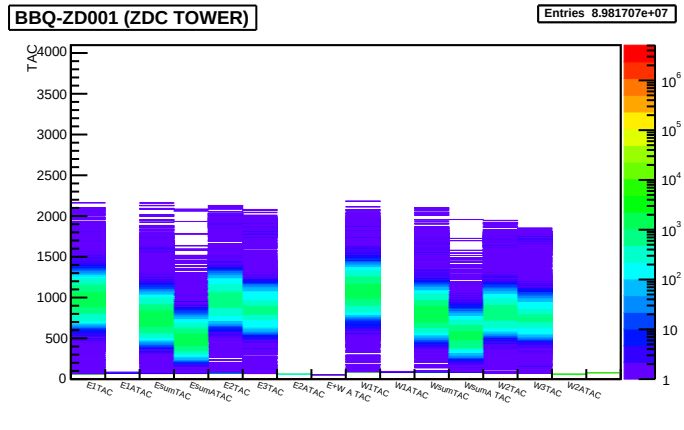

BBQ-VP002 (LO threshold)
Entries 8.981707e+07
ADC
QT Input Channel

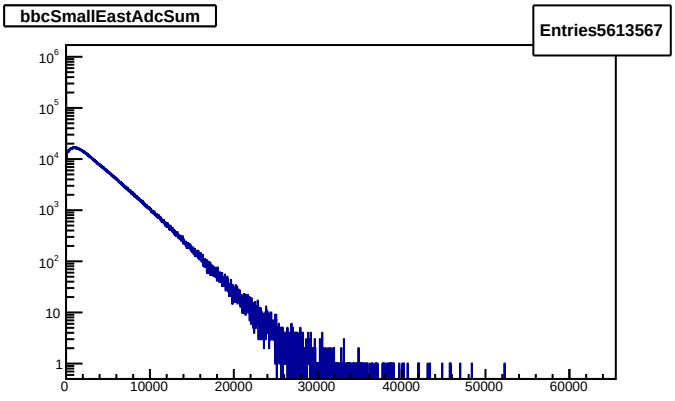

BBQ-VP002 (LO threshold)
Entries 8.981707e+07
TAC
QT Input Channel

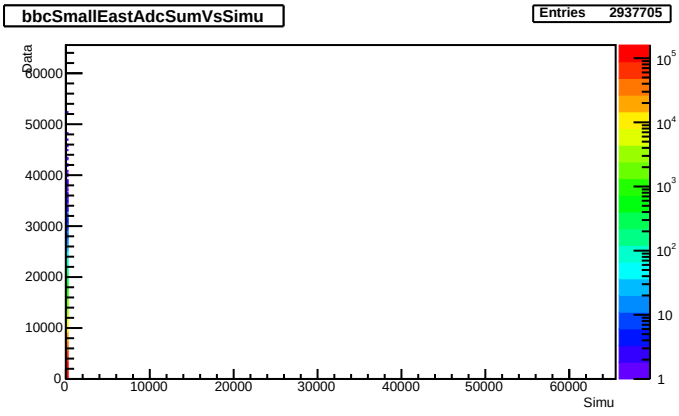

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.981707e+07
ADC
QT Input Channel

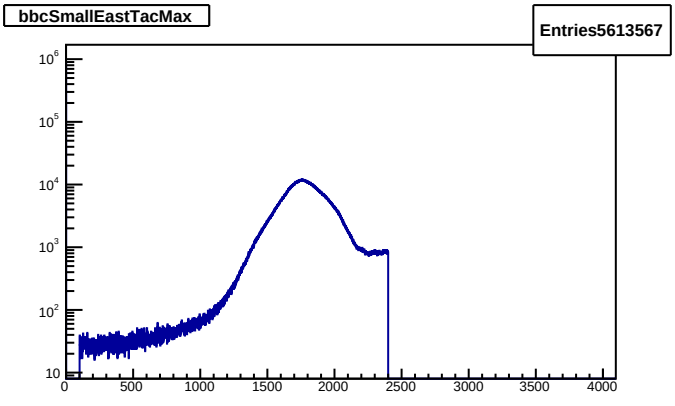

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.981707e+07
TAC
QT Input Channel

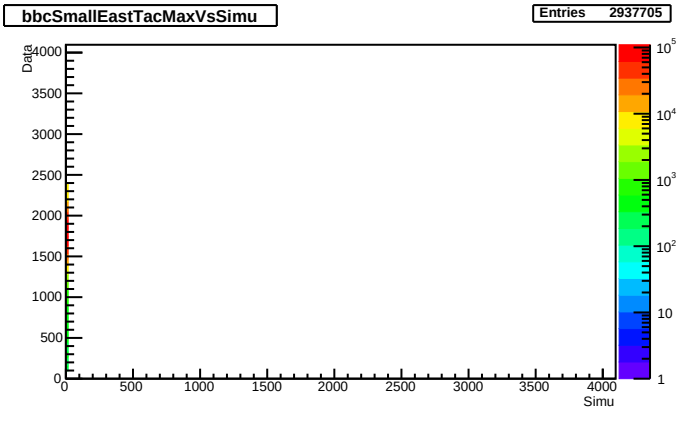

BBQ-ZD001 (ZDC TOWER)
Entries 8.981707e+07
ADC

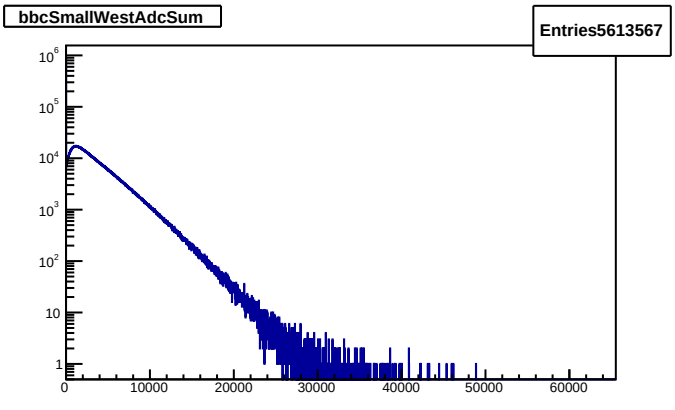

BBQ-ZD001 (ZDC TOWER)
Entries 8.981707e+07
TAC

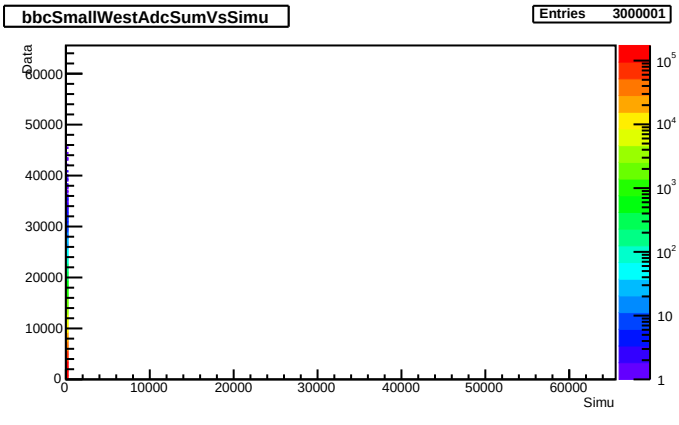

bbcSmallEastAdcSum
Entries5613567

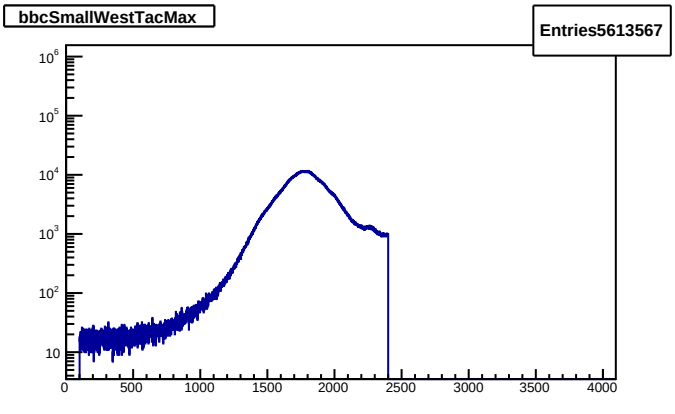

bbcSmallEastAdcSumVsSimu
Entries 2937705
Data
Simu

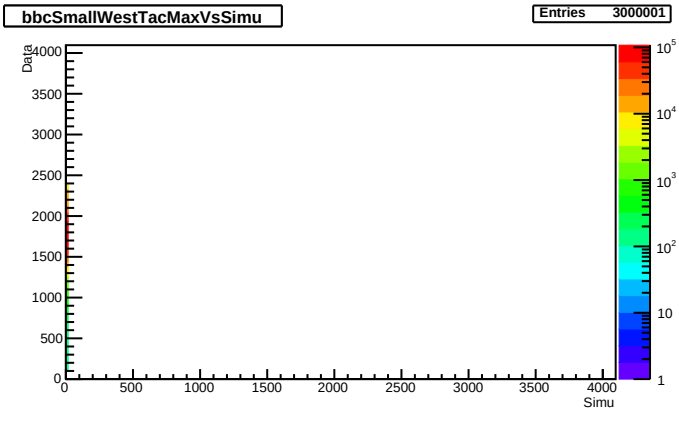

bbcSmallEastTacMax
Entries5613567

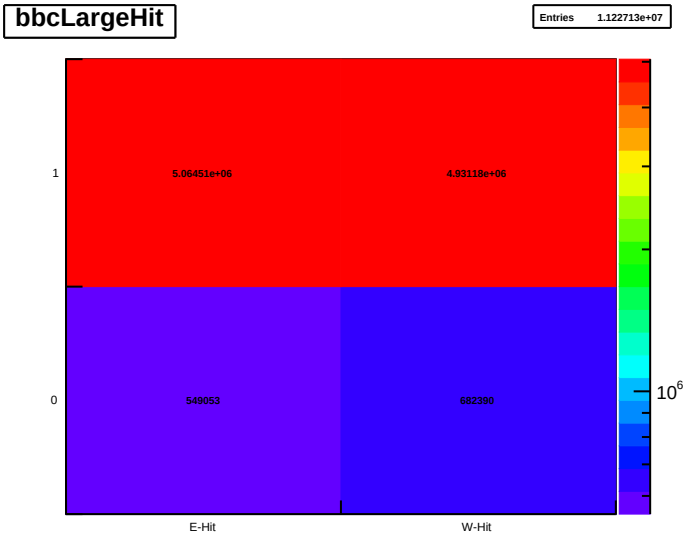

bbcSmallEastTacMaxVsSimu
Entries 2937705
Data
Simu

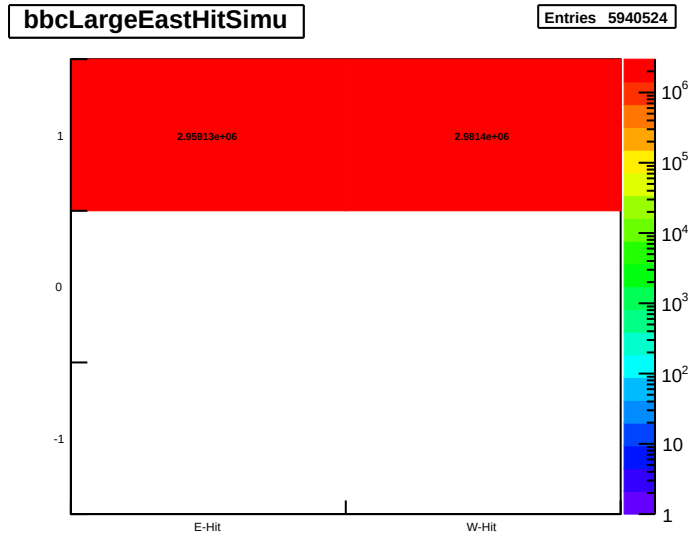

bbcSmallWestAdcSum
Entries5613567

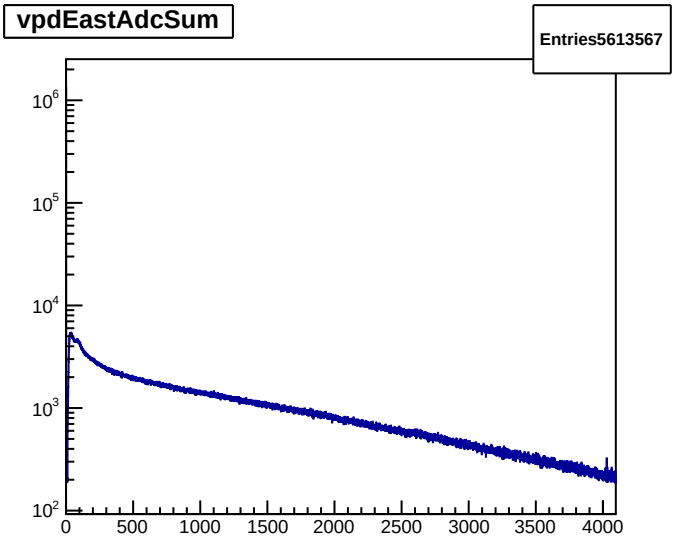

bbcSmallWestAdcSumVsSimu
Entries 3000001
Data
Simu

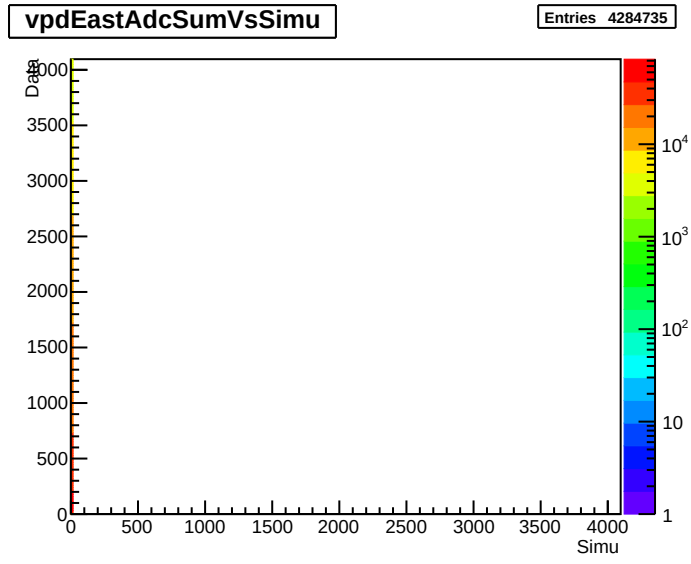

bbcSmallWestTacMax
Entries5613567

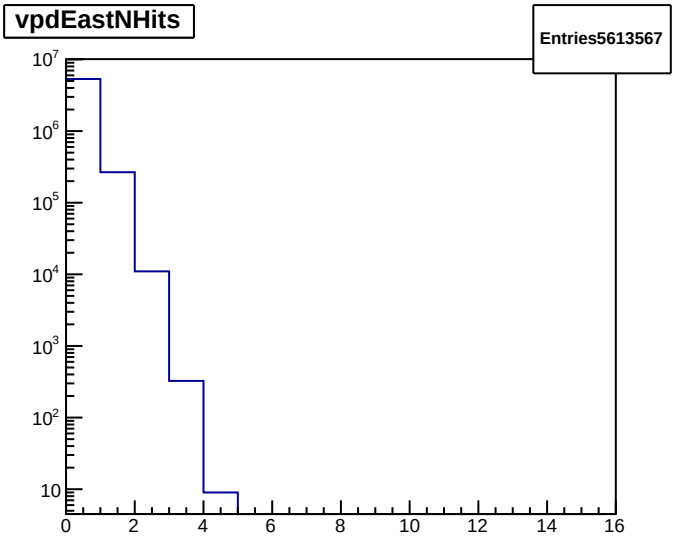

bbcSmallWestTacMaxVsSimu
Entries 3000001
Data
Simu

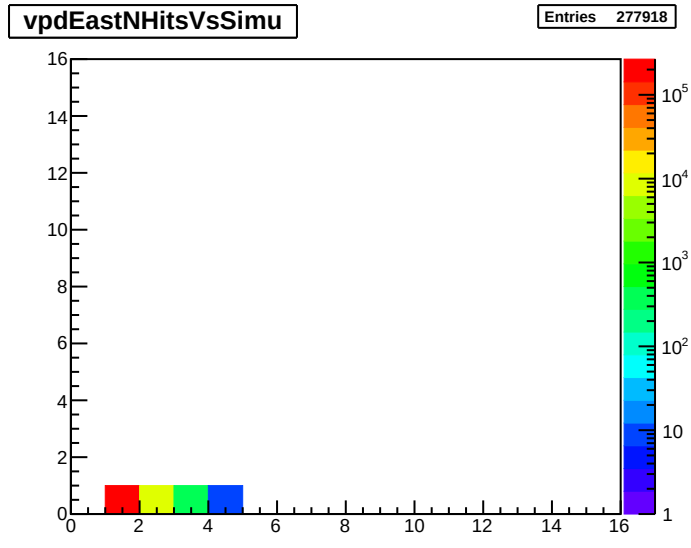

bbcLargeHit
Entries 1.122713e+07
1
0
5.06451e+06
4.93118e+06
549053
682390
E-Hit
W-Hit
10^6

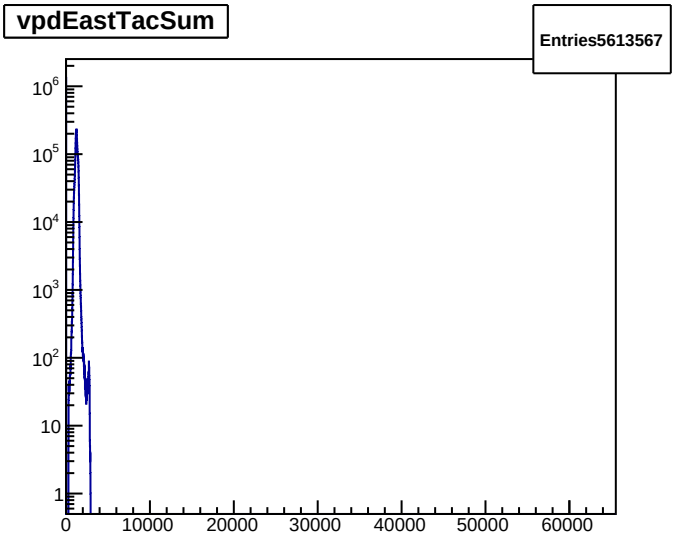

bbcLargeEastHitSimu
Entries 5940524
1
0
-1
2.95913e+06
2.9814e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

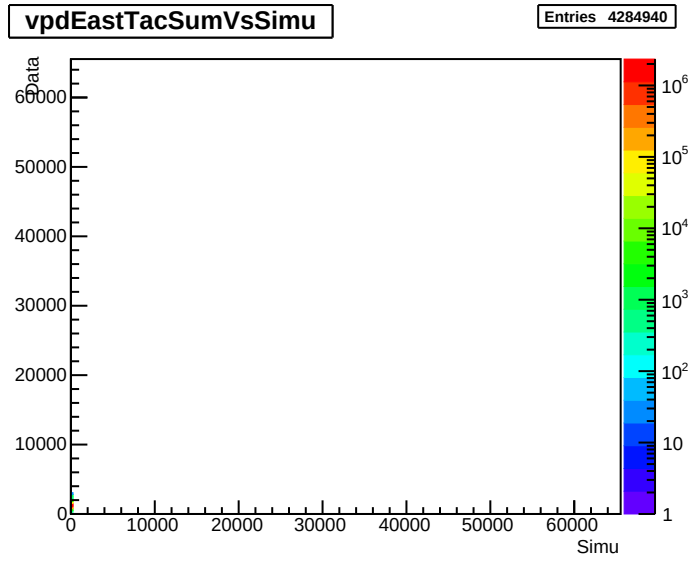

vpdEastAdcSum
Entries5613567

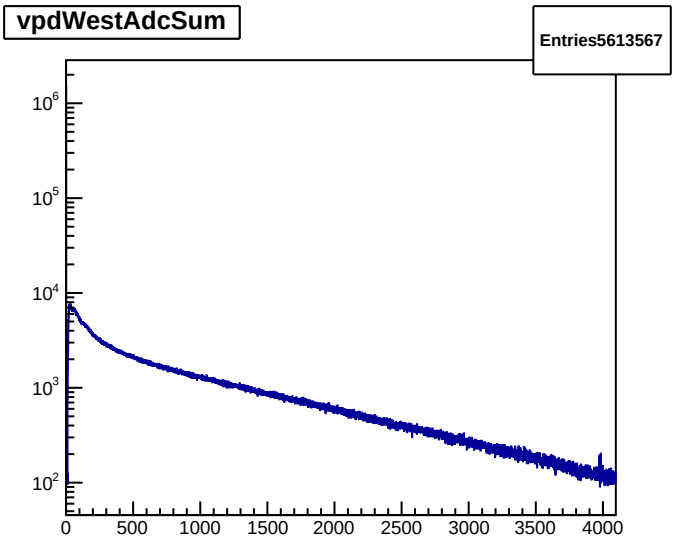

vpdEastAdcSumVsSimu
Entries 4284735
Data
Simu

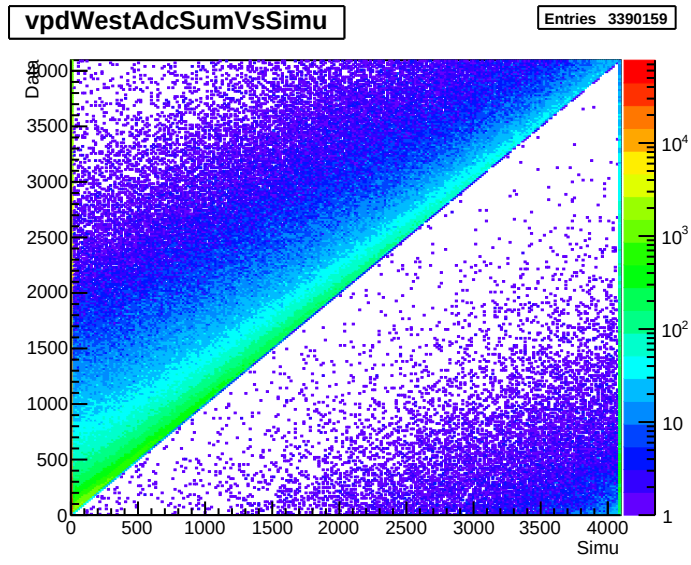

vpdEastNHits
Entries5613567

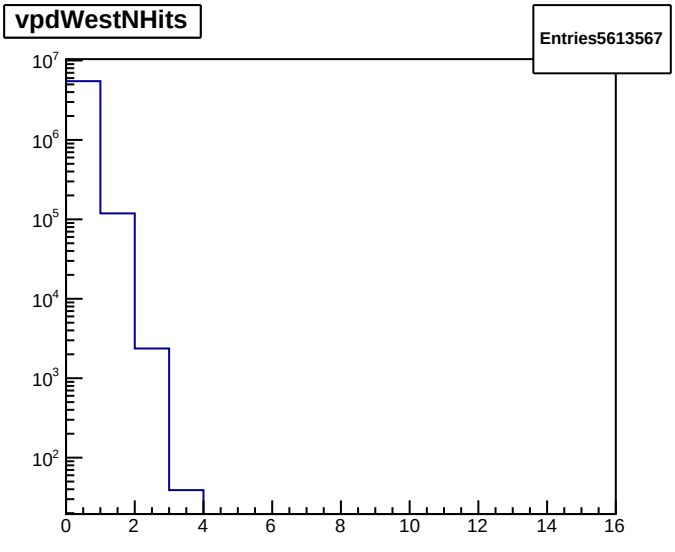

vpdEastNHitsVsSimu
Entries 277918

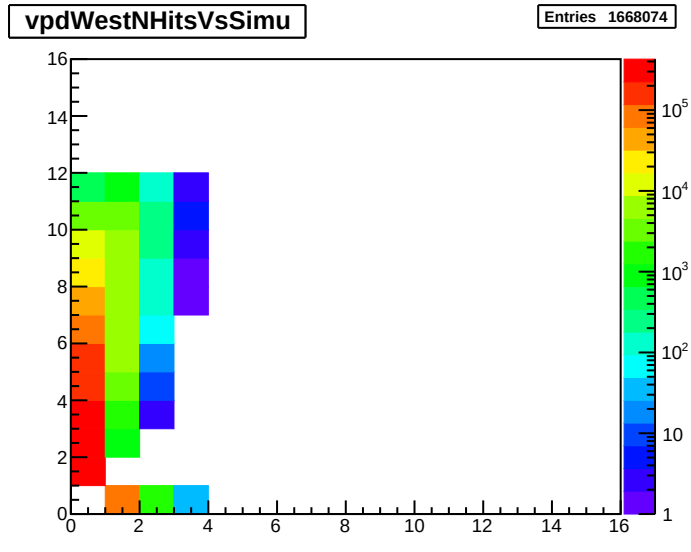

vpdEastTacSum
Entries5613567

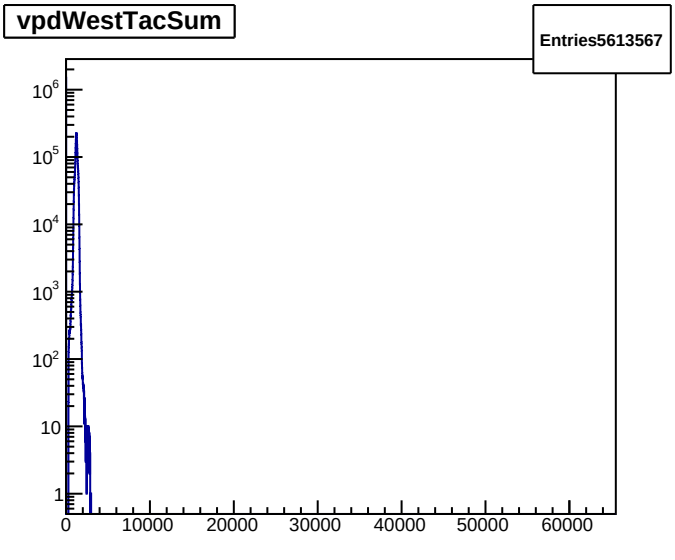

vpdEastTacSumVsSimu
Entries 4284940
Data
Simu

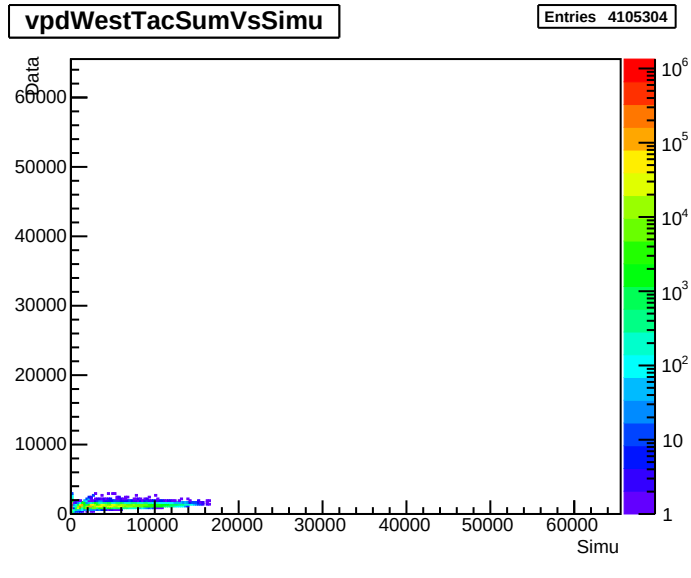

vpdWestAdcSum
Entries5613567

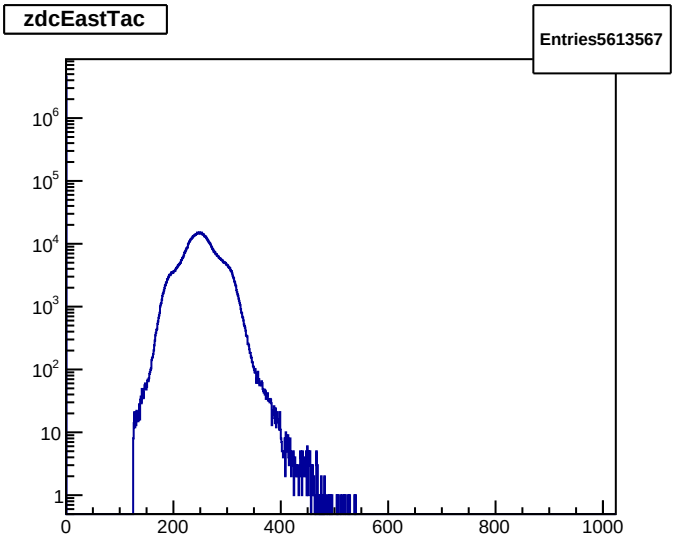

vpdWestAdcSumVsSimu
Entries 3390159
Data
Simu

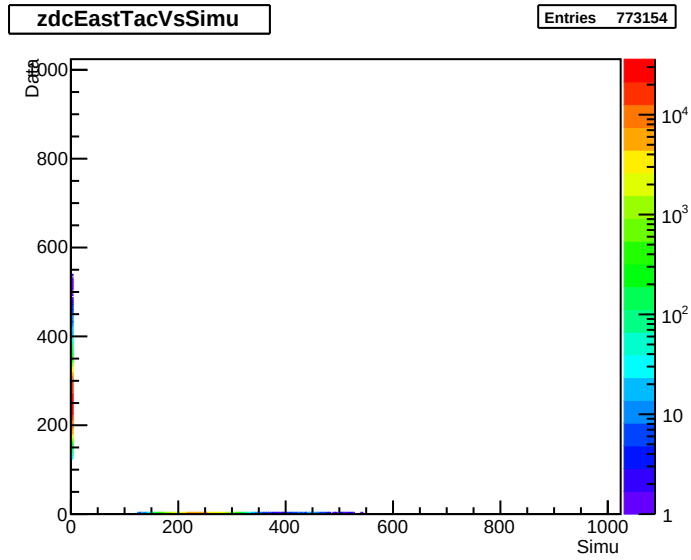

vpdWestNHits
Entries5613567

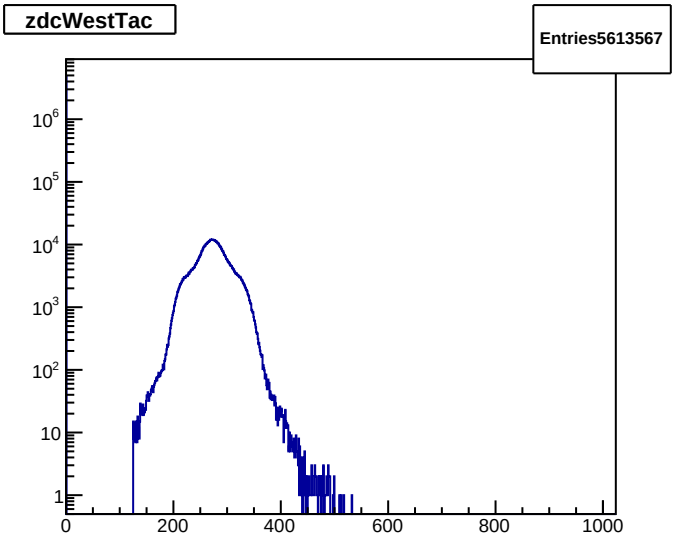

vpdWestNHitsVsSimu
Entries 1668074

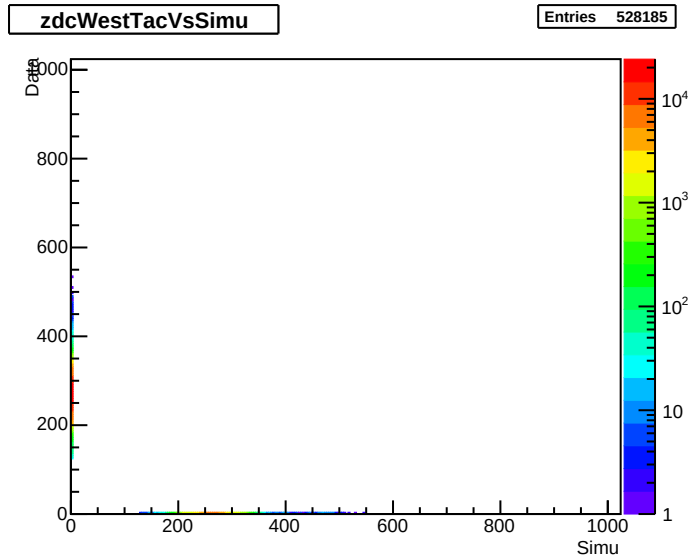

vpdWestTacSum
Entries5613567

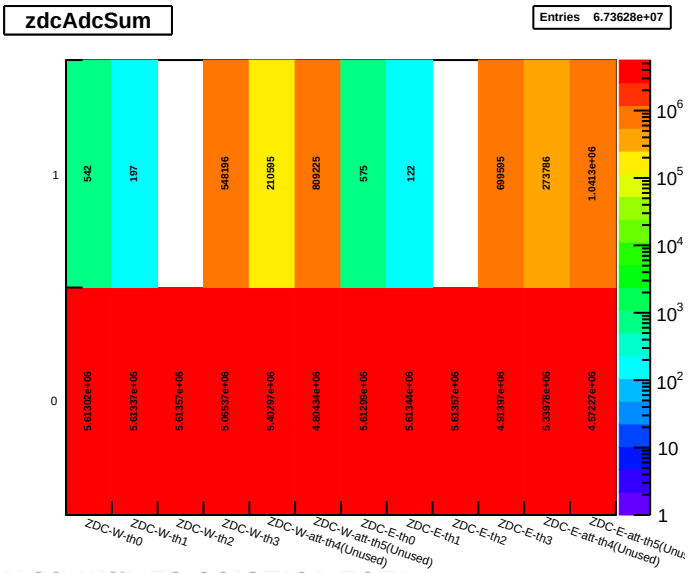

vpdWestTacSumVsSimu
Entries 4105304
Data
Simu

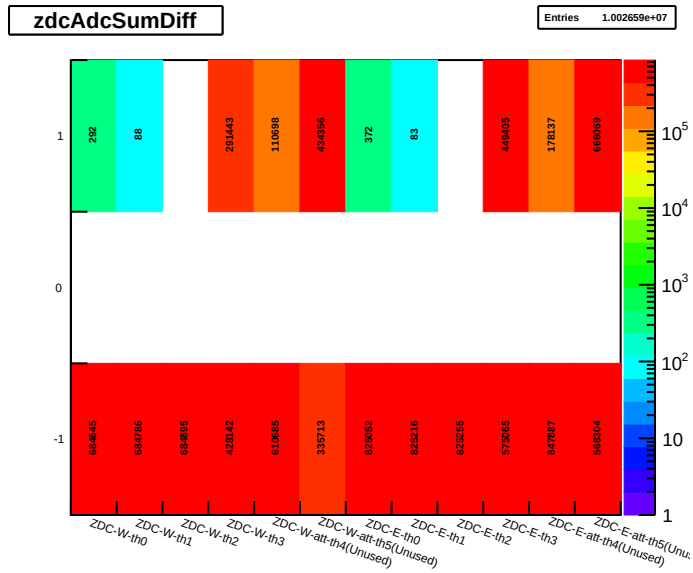

zdcEastTac
Entries5613567

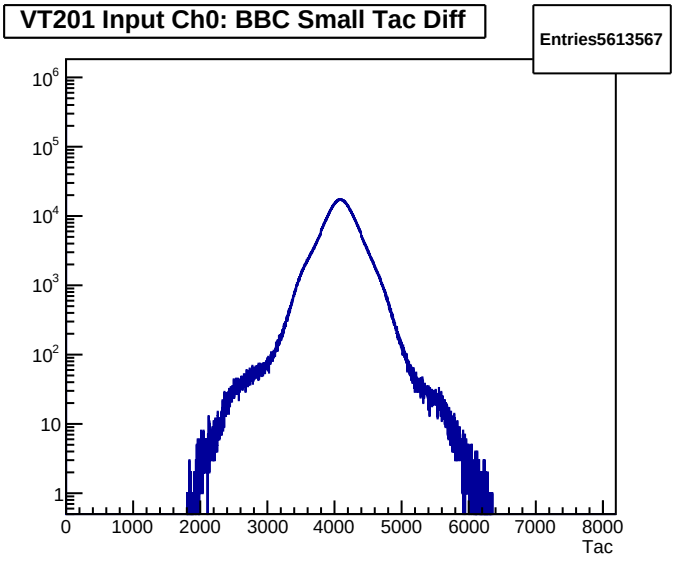

zdcEastTacVsSimu
Entries 773154
Data
Simu

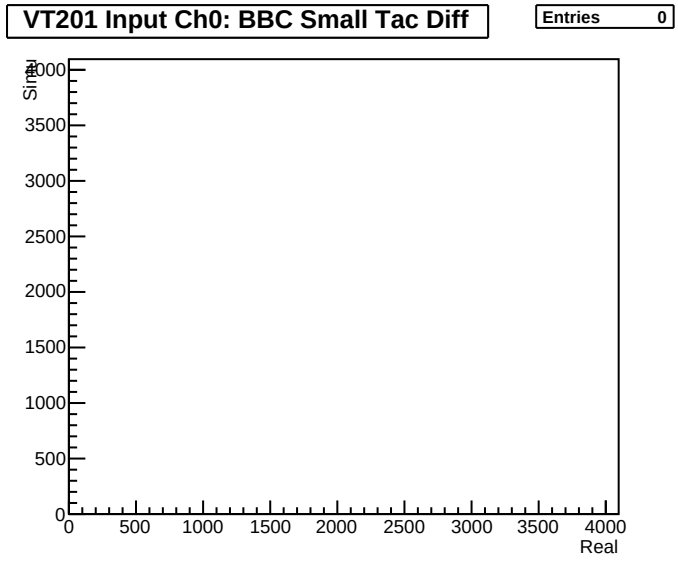

zdcWestTac
Entries5613567

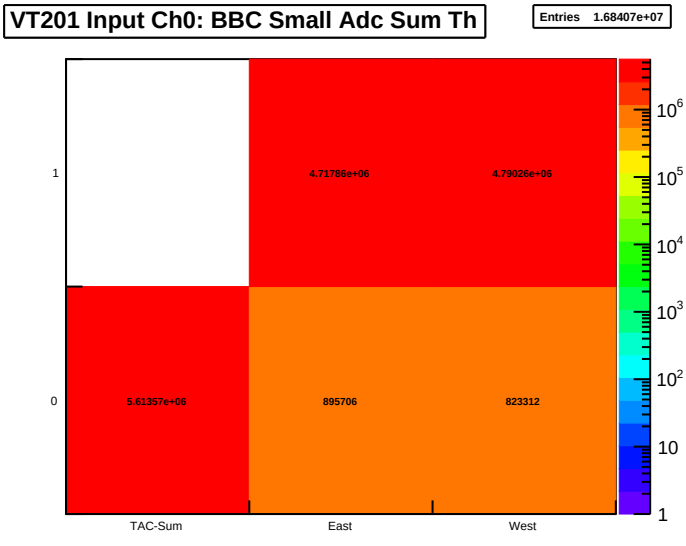

zdcWestTacVsSimu
Entries 528185
Data
Simu

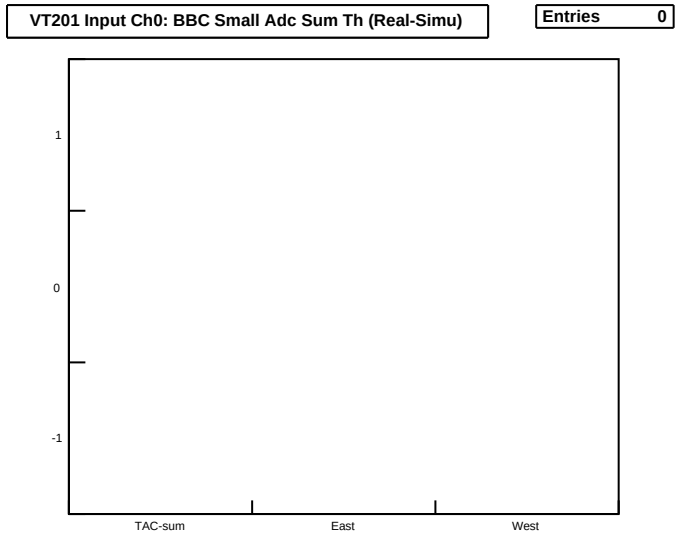

zdcAdcSum
Entries 6.73628e+07
542
197
548196
210595
809225
575
122
699595
273786
1.0413e+06
5.61302e+06
5.61337e+06
5.61357e+06
5.06537e+06
5.40297e+06
4.80434e+06
5.61239e+06
5.61344e+06
5.61357e+06
4.91397e+06
5.33978e+06
4.57227e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

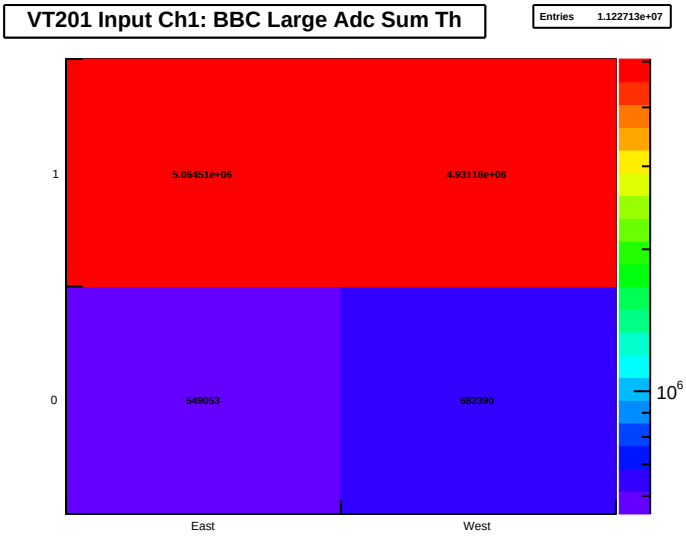

zdcAdcSumDiff
Entries 1.002659e+07
292
88
291443
110698
434356
372
83
449405
178137
656069
684645
684786
684695
428142
610685
335713
825052
825216
822255
575065
847887
568304
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

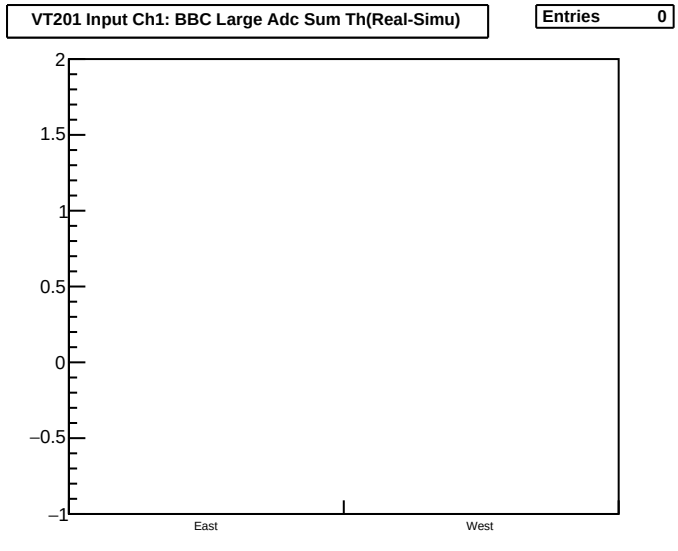

VT201 Input Ch0: BBC Small Tac Diff
Entries5613567
Tac


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

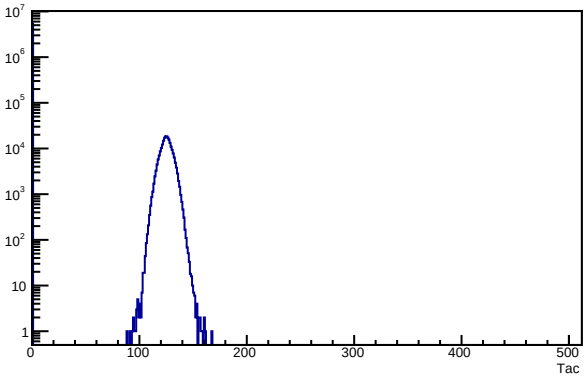

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.68407e+07
4.71786e+06
4.79026e+06
5.61357e+06
895706
823312
TAC-Sum
East
West


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

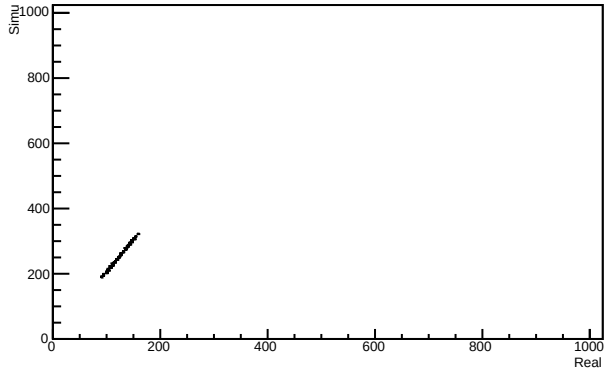

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.122713e+07
5.06451e+06
4.93118e+06
549053
682390
East
West


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

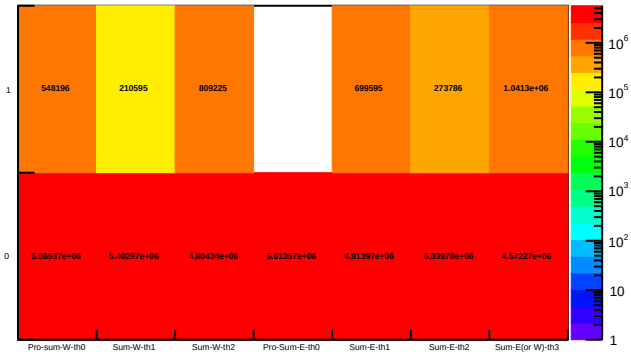
VT201 Input Ch2: ZDC Tac Diff



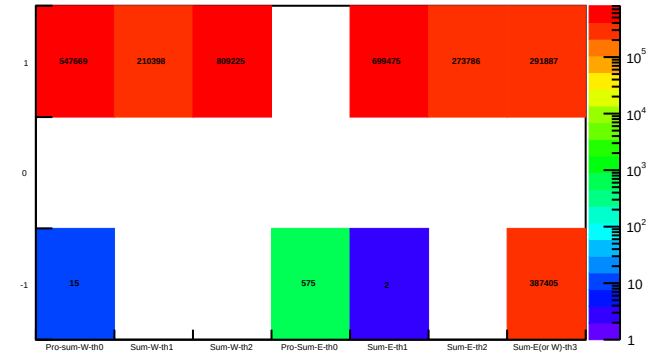
VT201 Input Ch2: ZDC Tac Diff



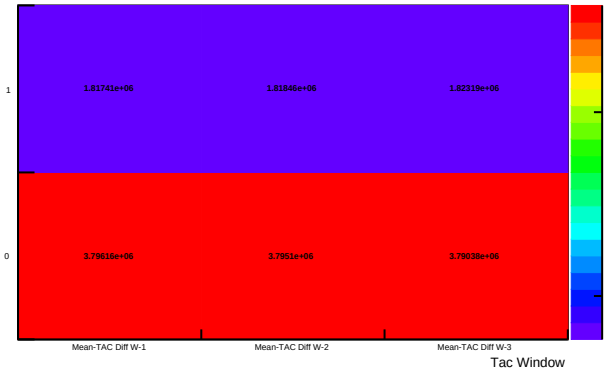
VT201 Input Ch2: ZDC Adc Sum Th



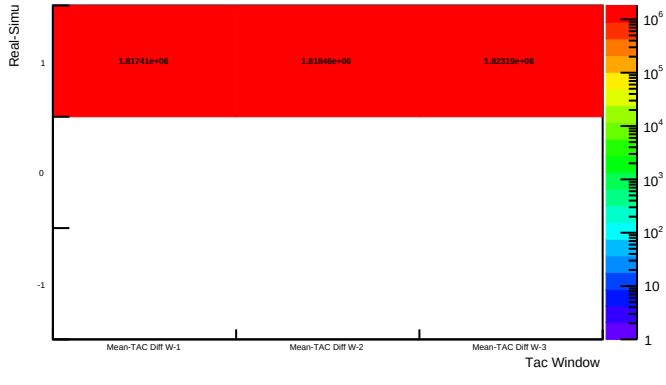
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



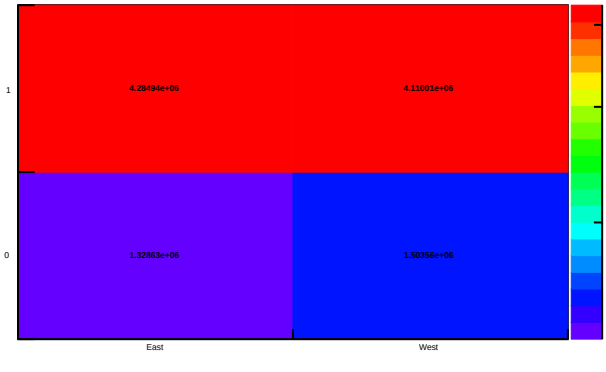
VT201 Input Ch4: VPD Tac Diff



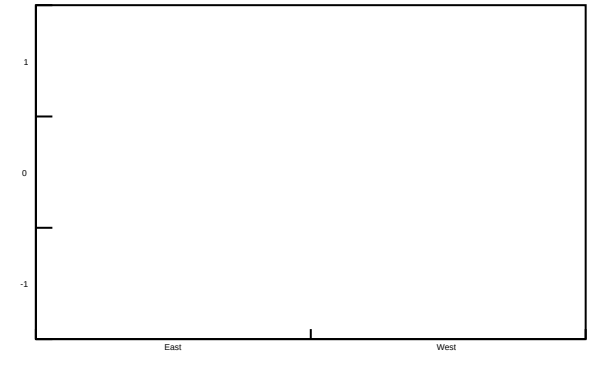
VT201 Input Ch4: VPD Tac Diff

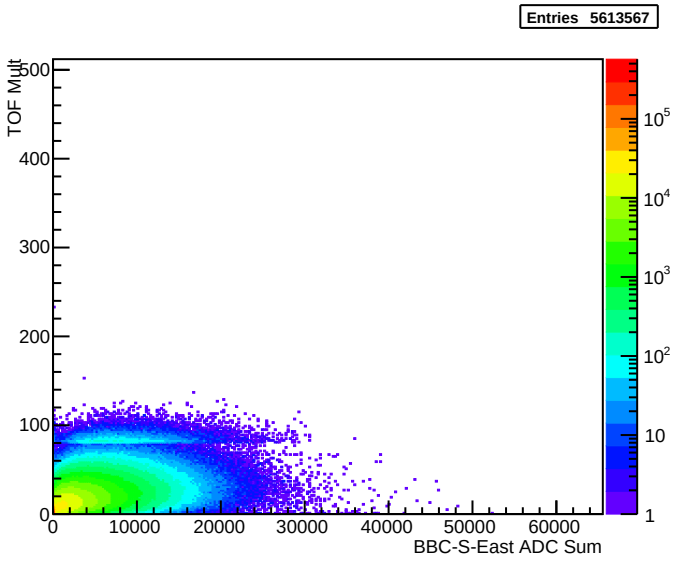


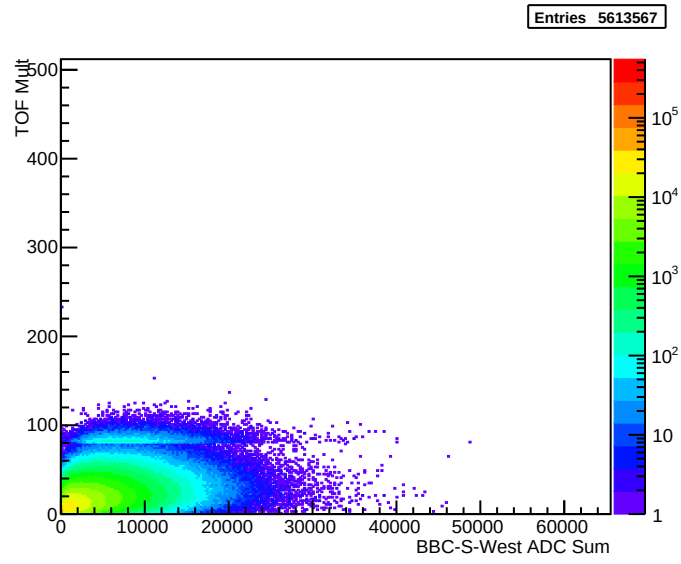
VT201 Input Ch4: VPD Adc Sum Th

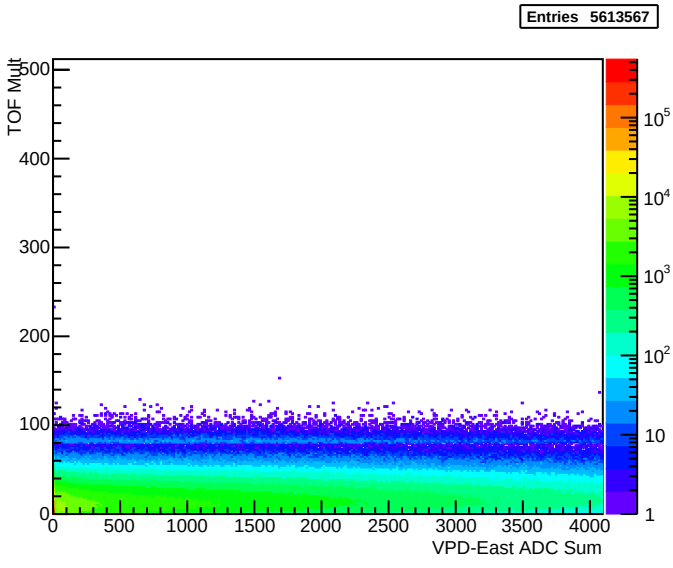


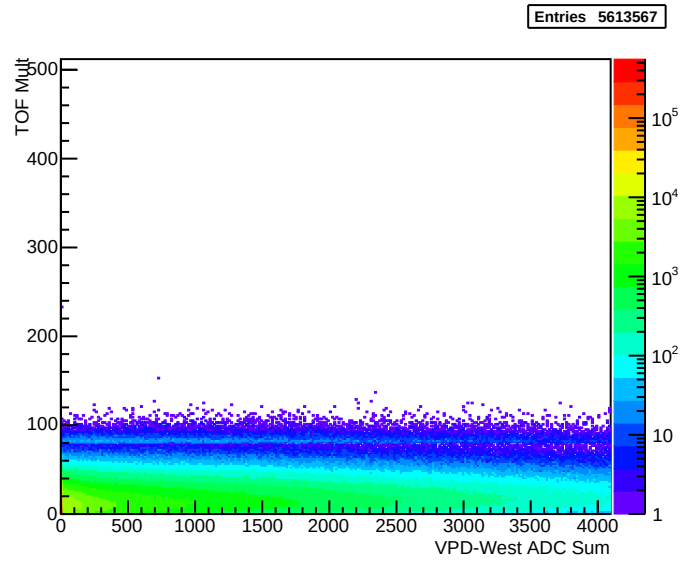
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

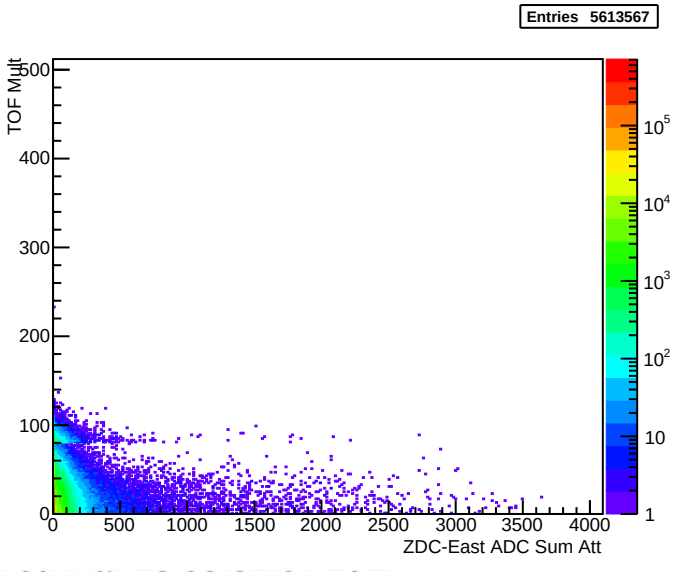


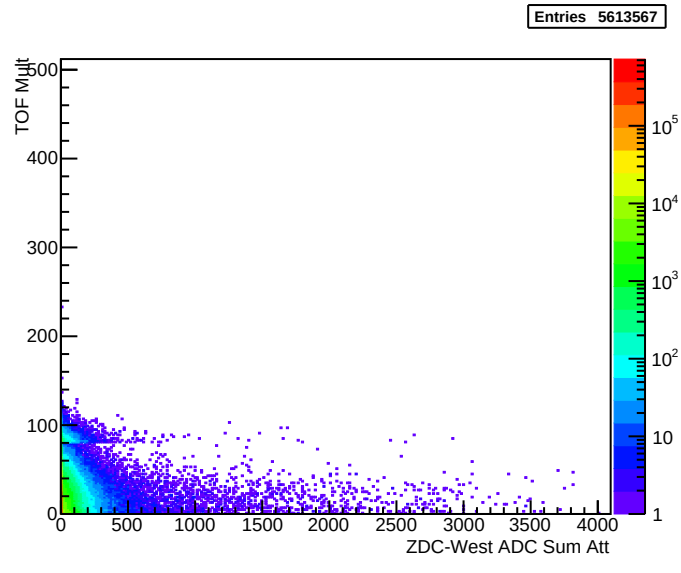

Entries 5613567
TOF Mult
BBC-S-East ADC Sum

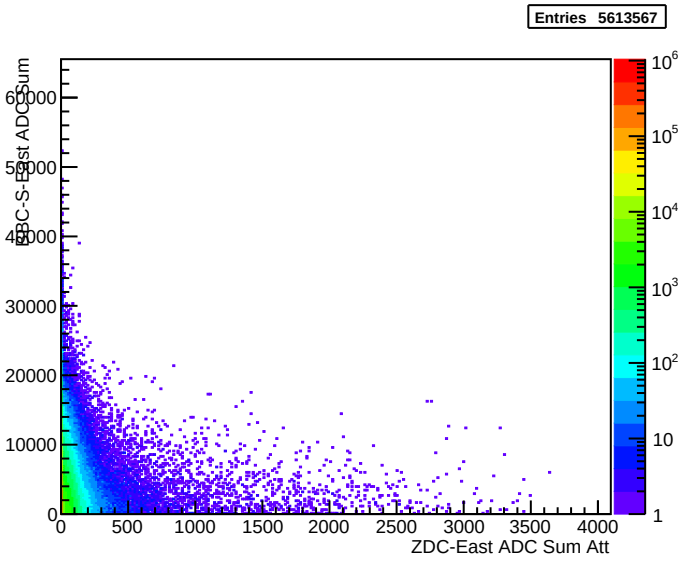

Entries 5613567
TOF Mult
BBC-S-West ADC Sum

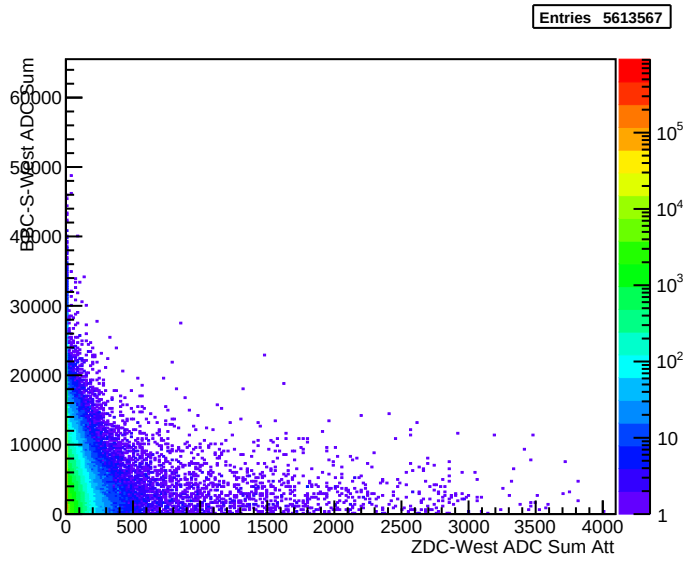

Entries 5613567
TOF Mult
VPD-East ADC Sum

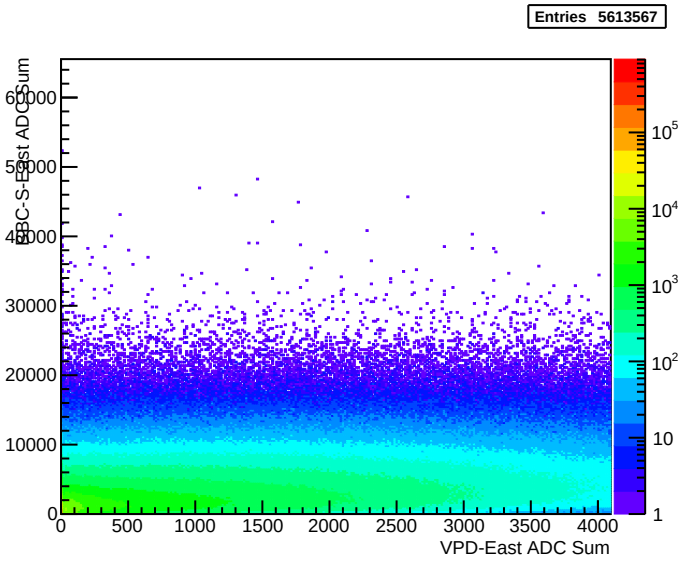

Entries 5613567
TOF Mult
VPD-West ADC Sum

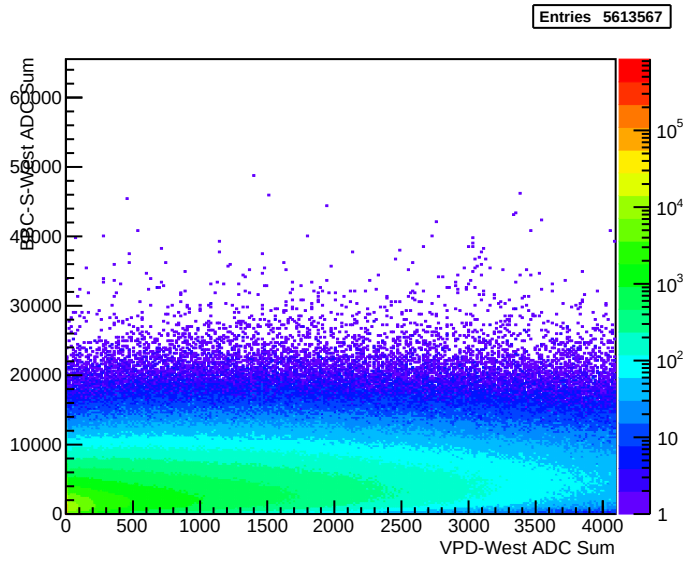

Entries 5613567
TOF Mult
ZDC-East ADC Sum Att

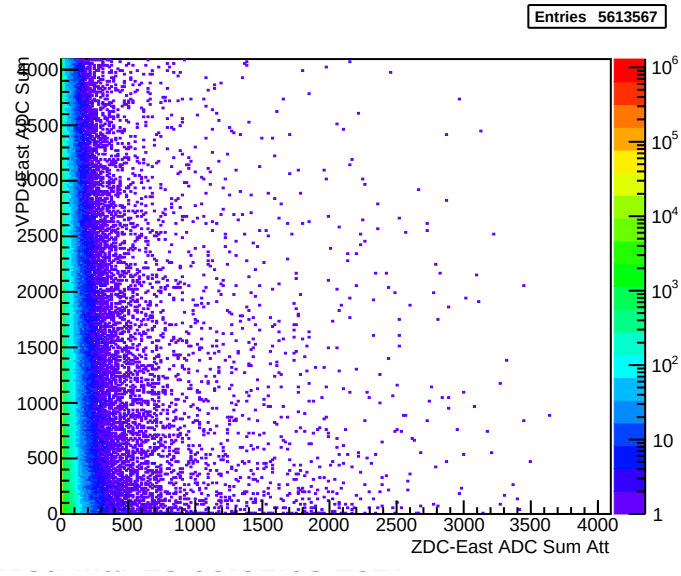

Entries 5613567
TOF Mult
ZDC-West ADC Sum Att

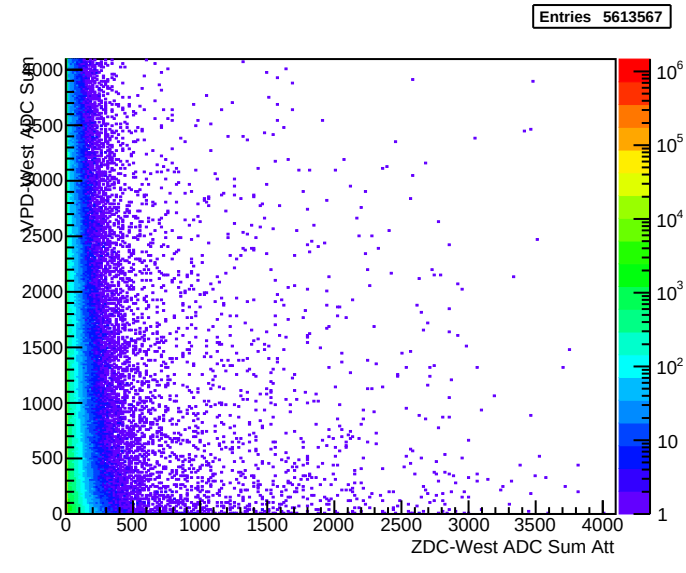

Entries 5613567
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

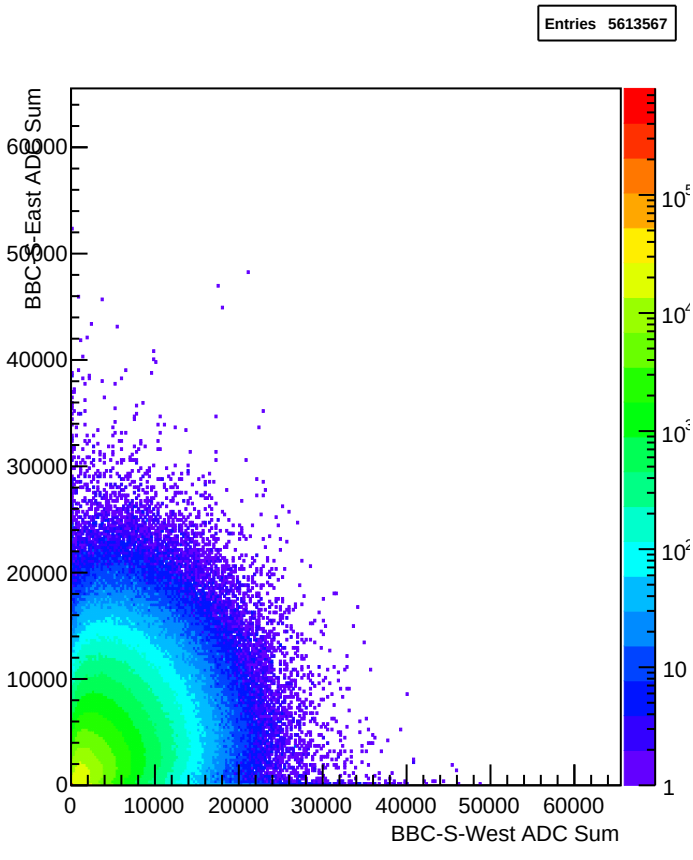

Entries 5613567
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

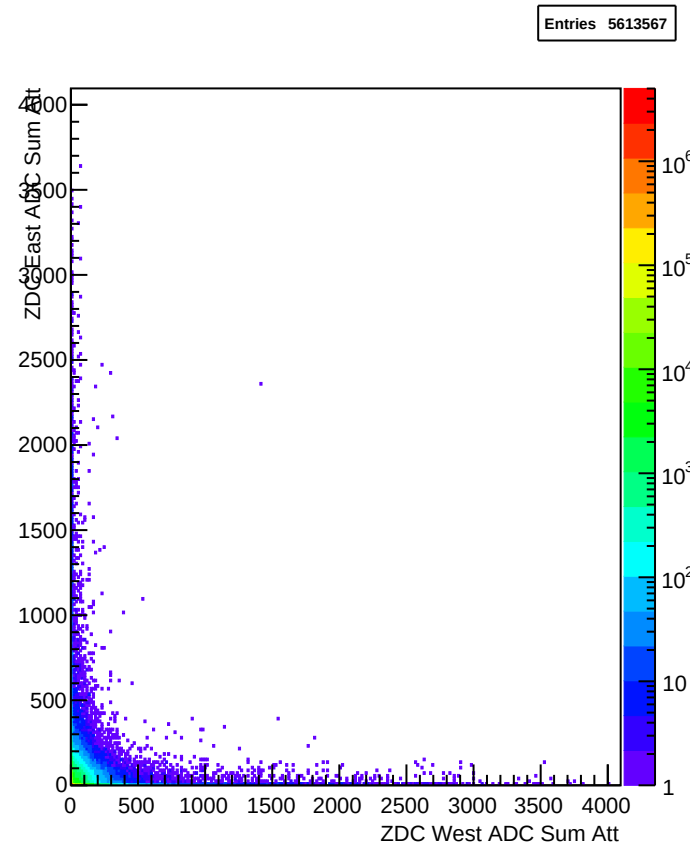

Entries 5613567
BBC-S-East ADC Sum
VPD-East ADC Sum

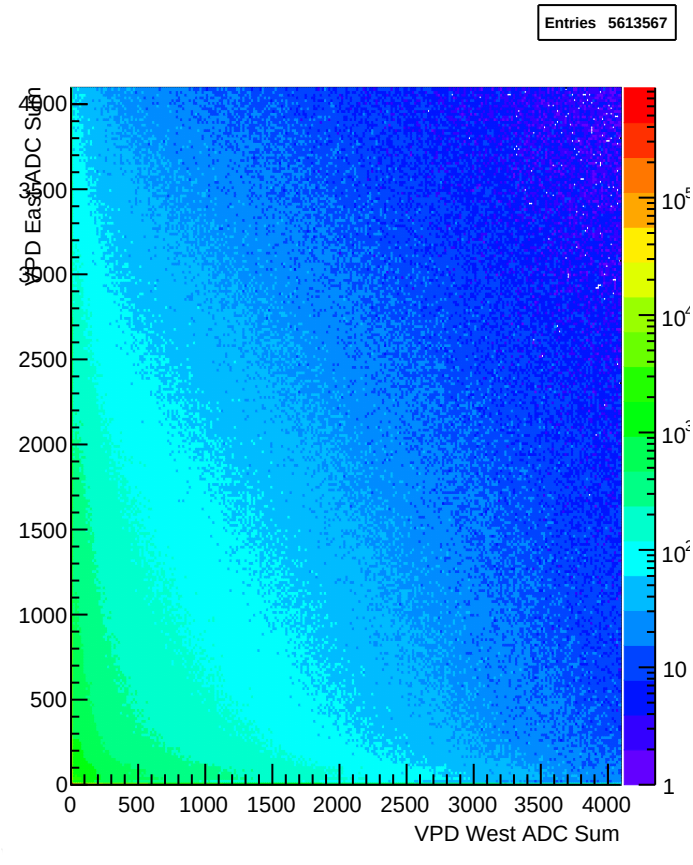

Entries 5613567
BBC-S-West ADC Sum
VPD-West ADC Sum

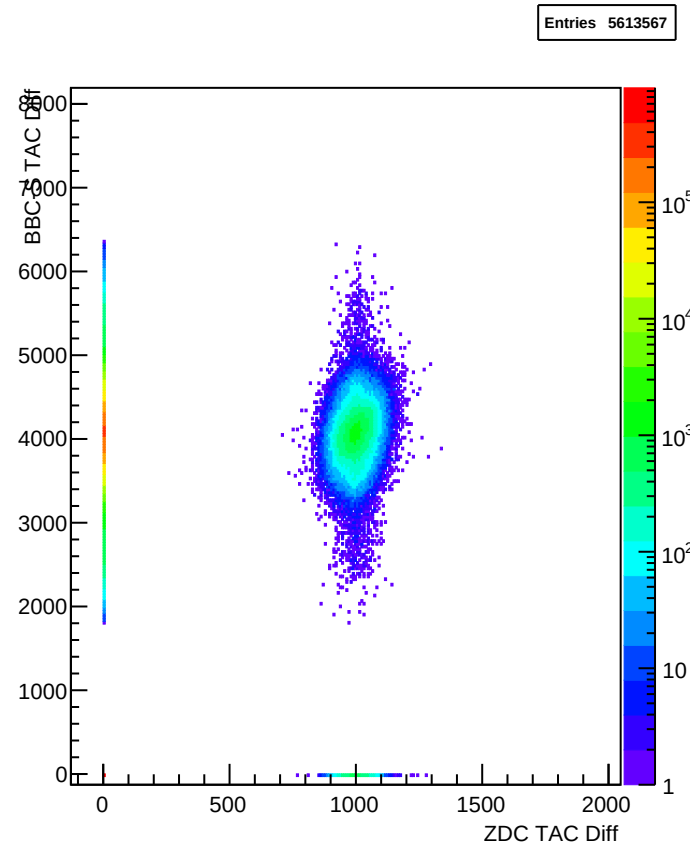

Entries 5613567
VPD-East ADC Sum
ZDC-East ADC Sum Att

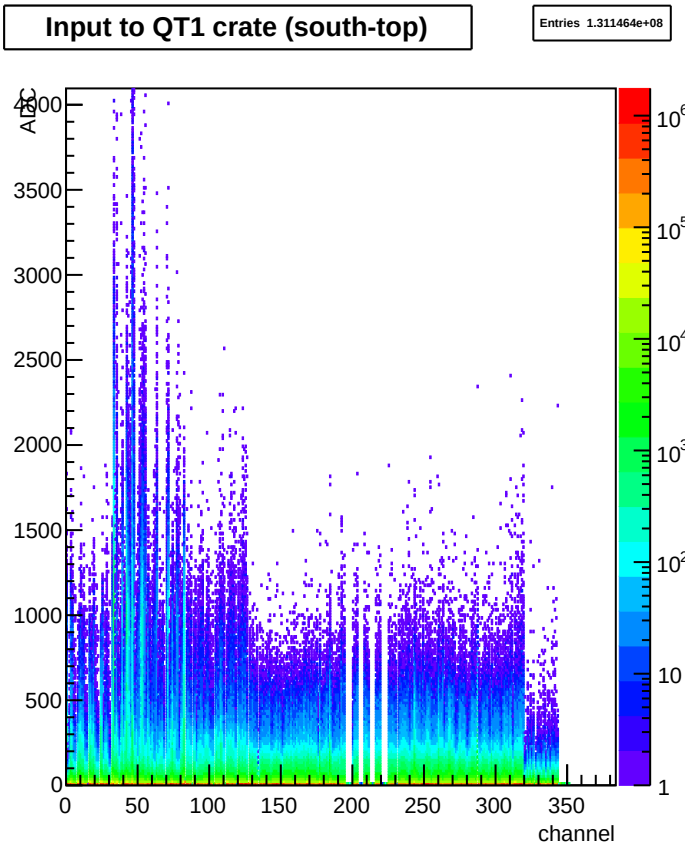

Entries 5613567
VPD-West ADC Sum
ZDC-West ADC Sum Att

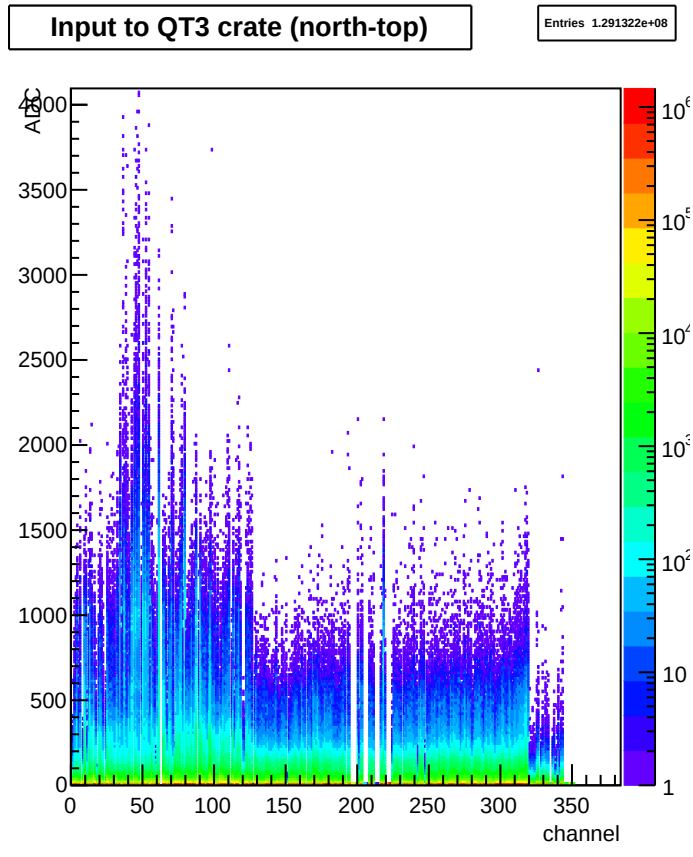

Entries 5613567
BBC-S-East ADC Sum
BBC-S-West ADC Sum

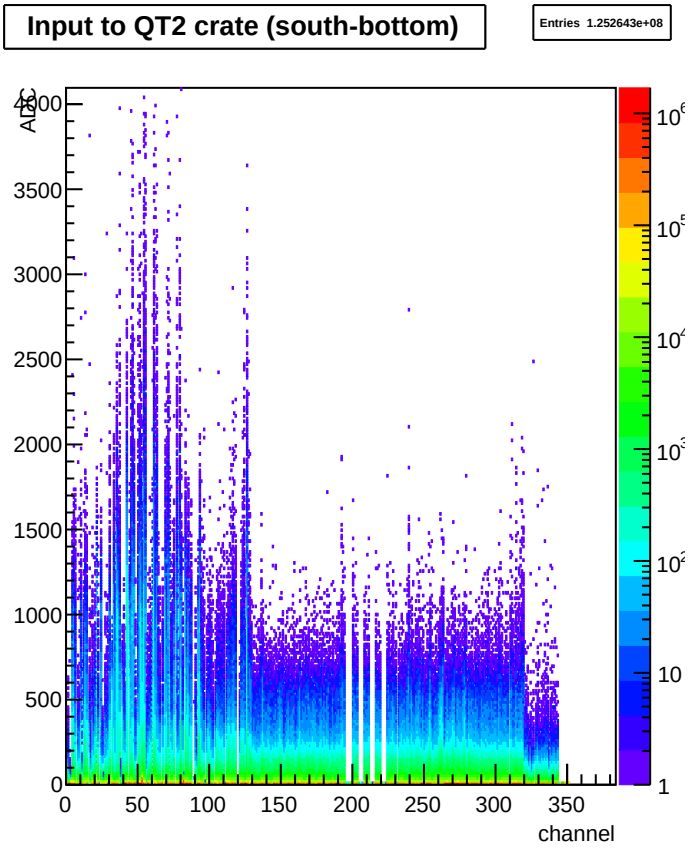

Entries 5613567
ZDC East ADC Sum Att
ZDC West ADC Sum Att

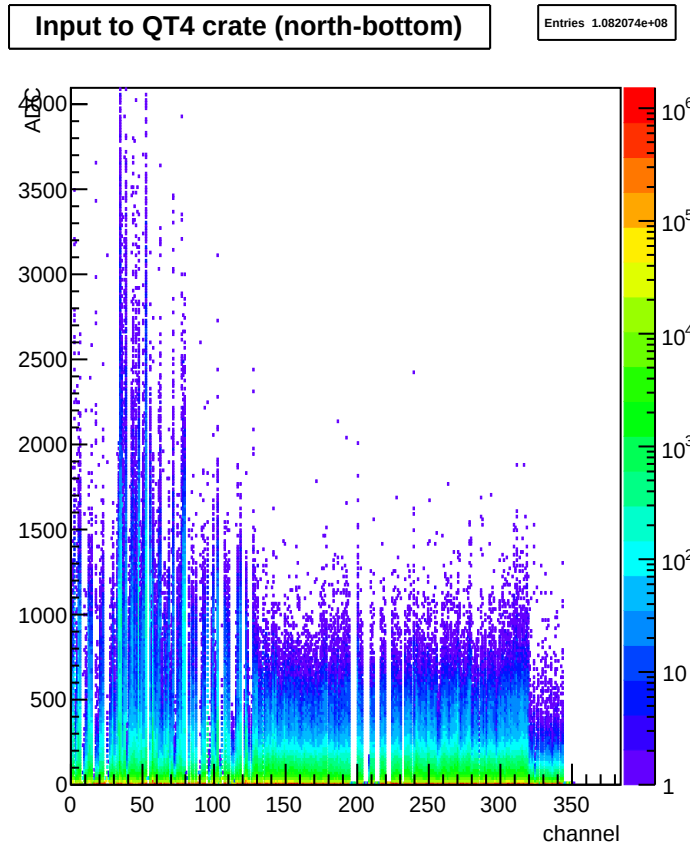

Entries 5613567
VPD East ADC Sum
VPD West ADC Sum

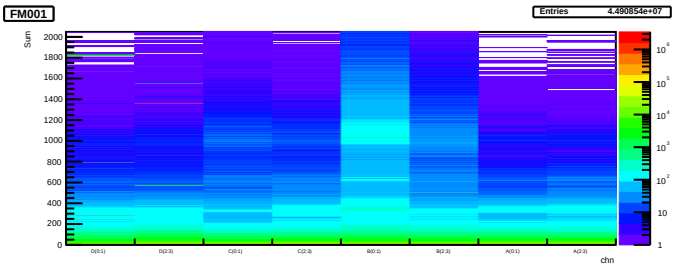

Entries 5613567
BBC-S TAC Diff
ZDC TAC Diff

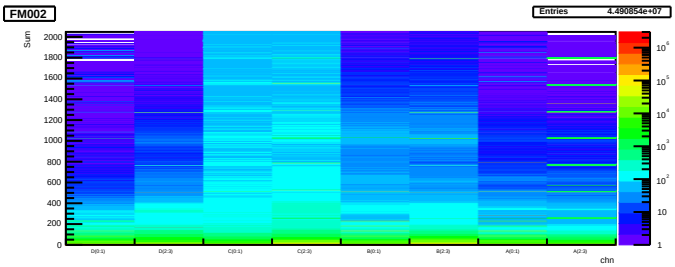

Input to QT1 crate (south-top)
Entries 1.311464e+08
ADC
channel

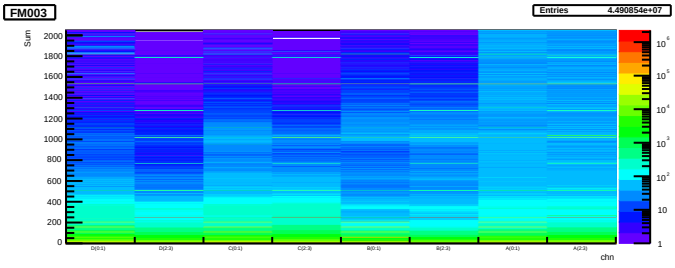

Input to QT3 crate (north-top)
Entries 1.291322e+08
ADC
channel

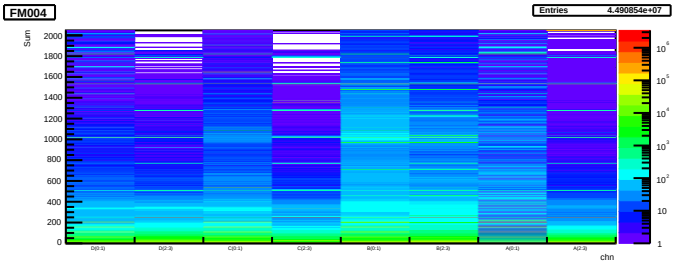

Input to QT2 crate (south-bottom)
Entries 1.252643e+08
ADC
channel

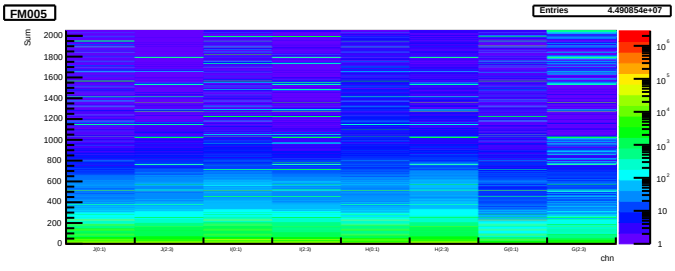

Input to QT4 crate (north-bottom)
Entries 1.082074e+08
ADC
channel

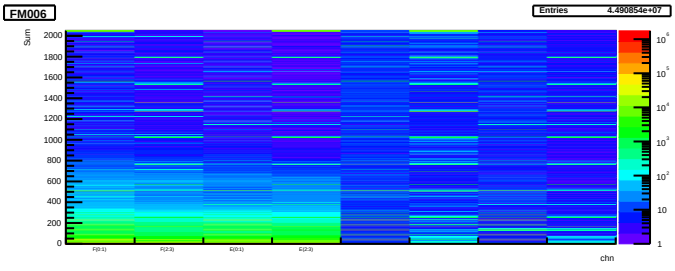

FM001
Entries 4.490854e+07
Sum
chn

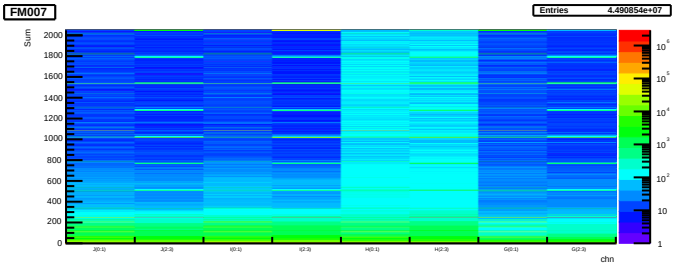

FM002
Entries 4.490854e+07
Sum
chn

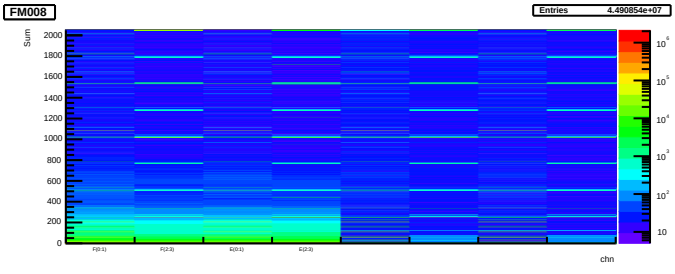

FM003
Entries 4.490854e+07
Sum
chn

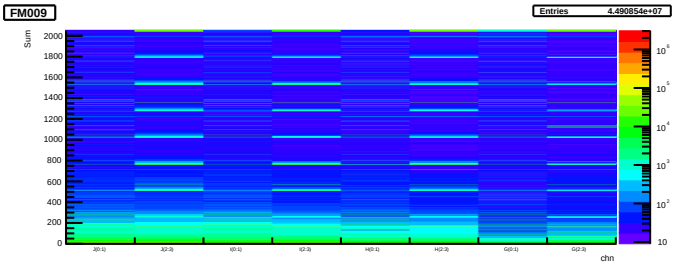

FM004
Entries 4.490854e+07
Sum
chn

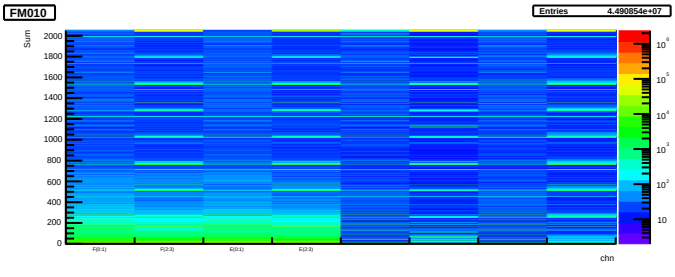

FM005
Entries 4.490854e+07
Sum
chn

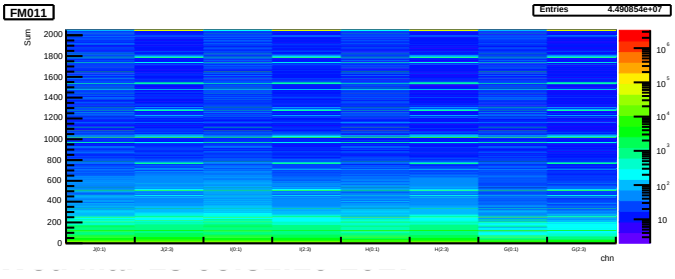

FM006
Entries 4.490854e+07
Sum
chn

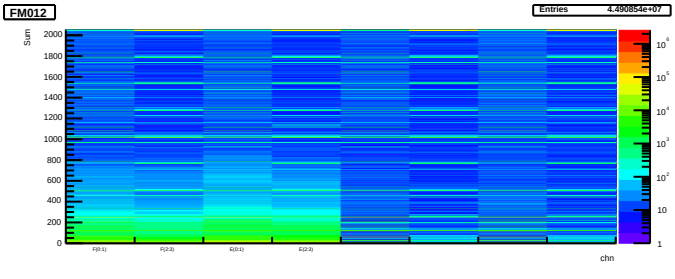

FM007
Entries 4.490854e+07
Sum
chn

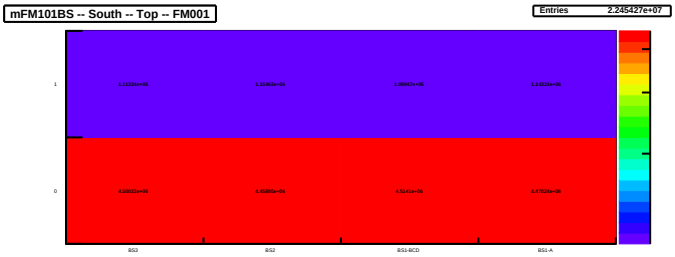

FM008
Entries 4.490854e+07
Sum
chn

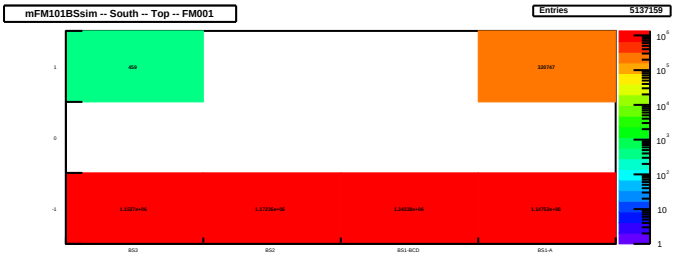

FM009
Entries 4.490854e+07
Sum
chn

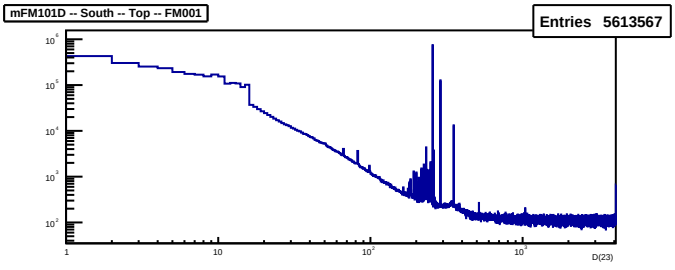

FM010
Entries 4.490854e+07
Sum
chn

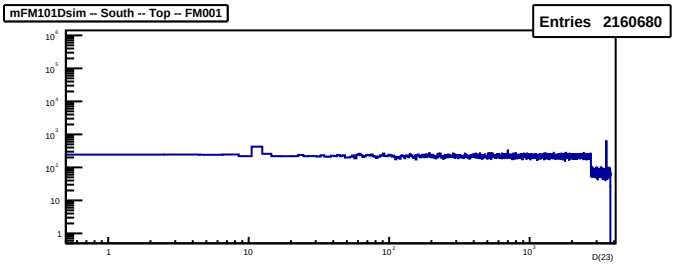

FM011
Entries 4.490854e+07
Sum
chn

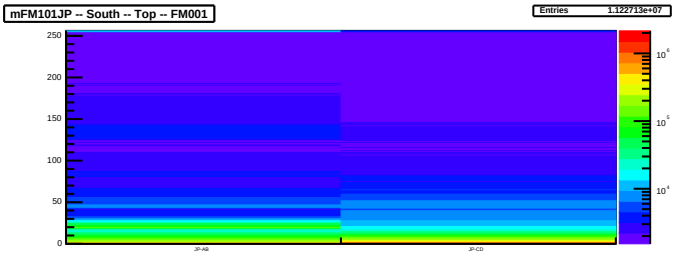

FM012
Entries 4.490854e+07
Sum
chn

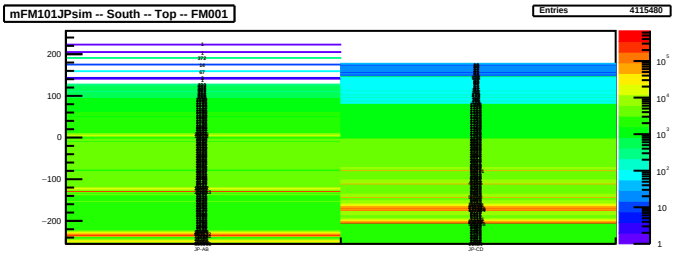

mFM101BS -- South -- Top -- FM001
Entries 2.245427e+07

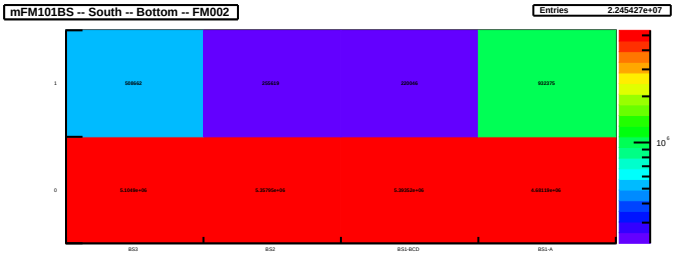

mFM101BSsim -- South -- Top -- FM001
Entries 5137159

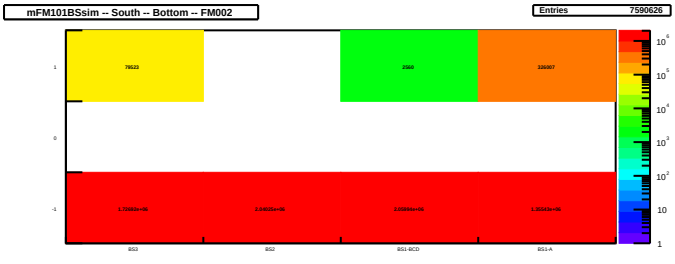

mFM101D -- South -- Top -- FM001
Entries 5613567
D(23)

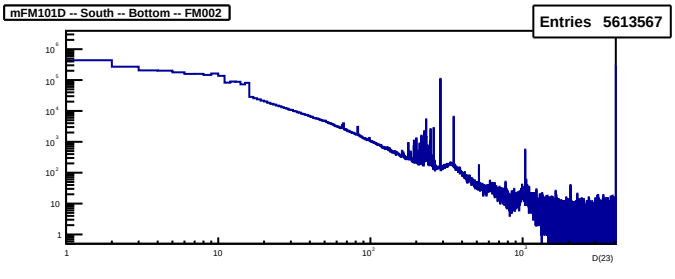

mFM101Dsim -- South -- Top -- FM001
Entries 2160680
D(23)

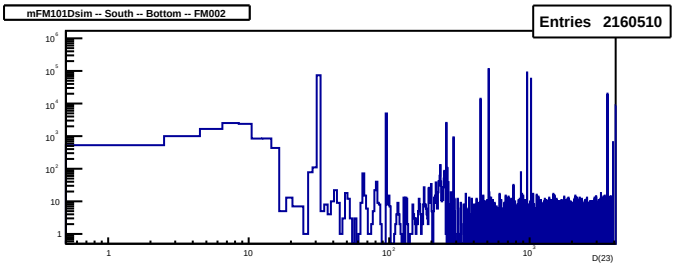

mFM101JP -- South -- Top -- FM001
Entries 1.122713e+07

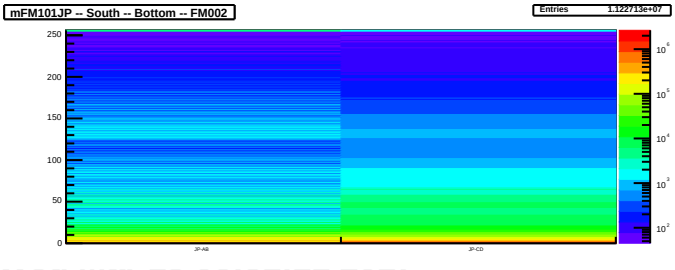

mFM101JPsim -- South -- Top -- FM001
Entries 4115480

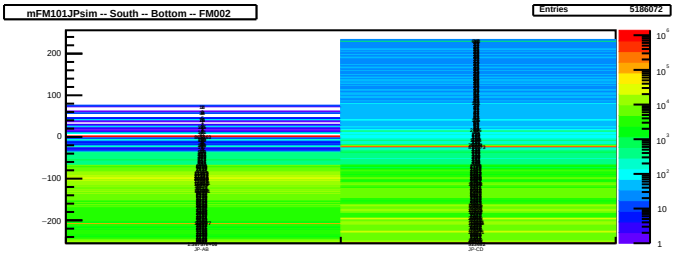

mFM101BS -- South -- Bottom -- FM002
Entries 2.245427e+07

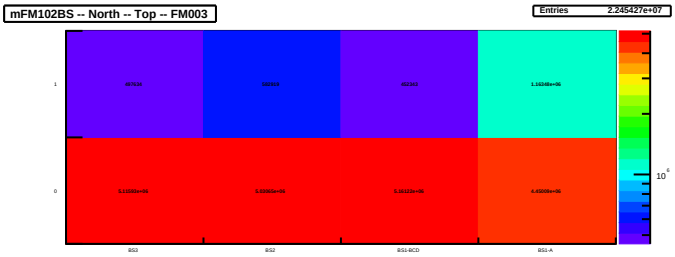

mFM101BSsim -- South -- Bottom -- FM002
Entries 7590626

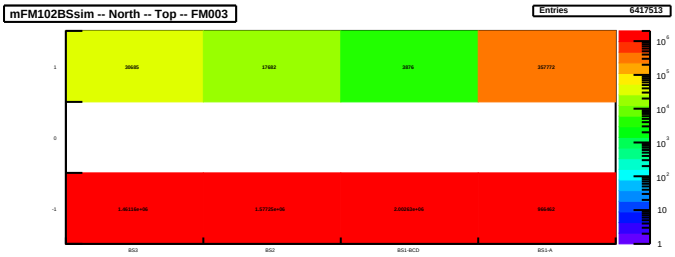

mFM101D -- South -- Bottom -- FM002
Entries 5613567
D(23)

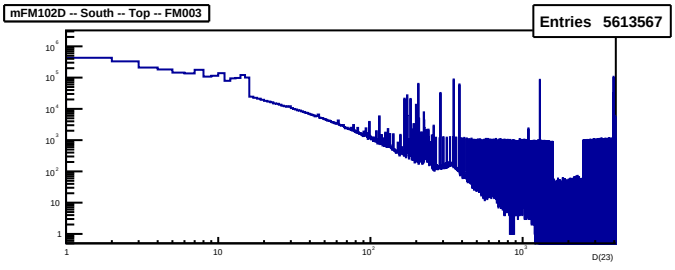

mFM101Dsim -- South -- Bottom -- FM002
Entries 2160510
D(23)

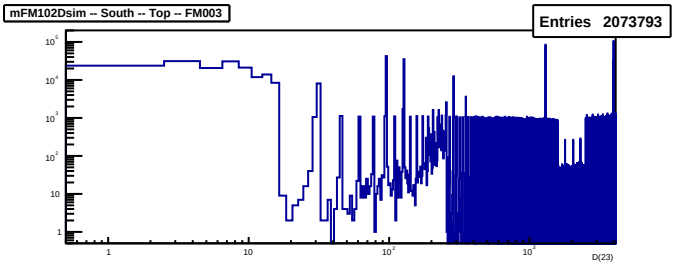

mFM101JP -- South -- Bottom -- FM002
Entries 1.122713e+07

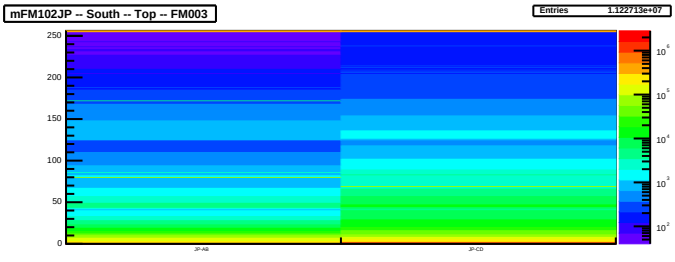

mFM101JPsim -- South -- Bottom -- FM002
Entries 5186072

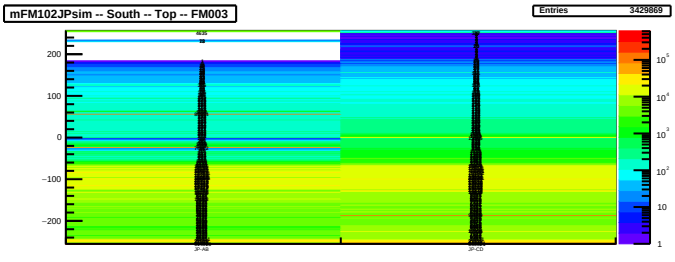

mFM102BS -- North -- Top -- FM003
Entries 2.245427e+07

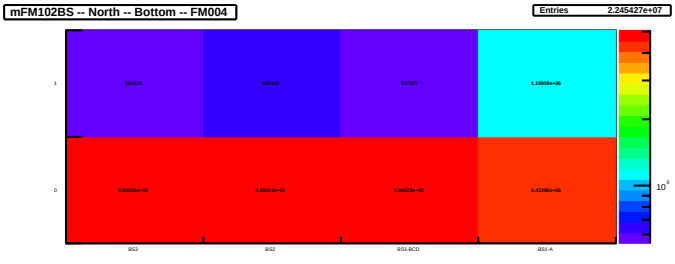

mFM102BSsim -- North -- Top -- FM003
Entries 6417513

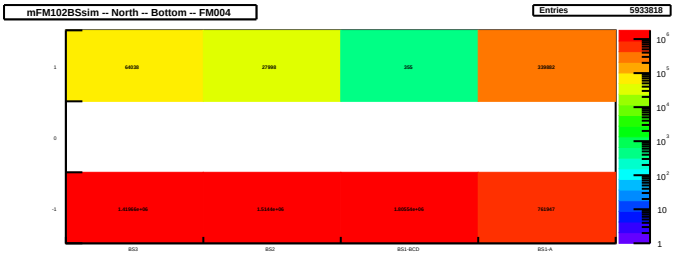

mFM102D -- South -- Top -- FM003
Entries 5613567
D(23)

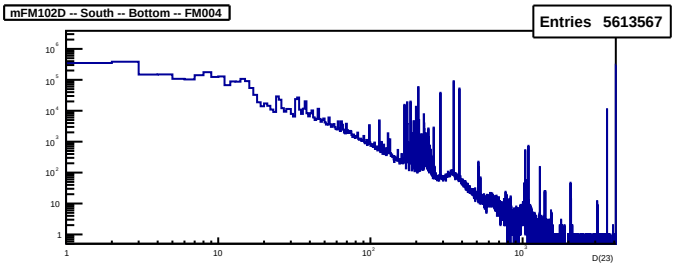

mFM102Dsim -- South -- Top -- FM003
Entries 2073793
D(23)

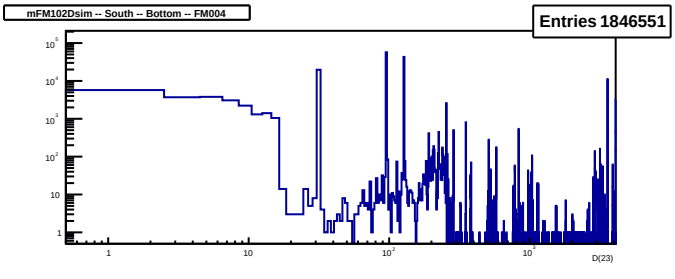

mFM102JP -- South -- Top -- FM003
Entries 1.122713e+07

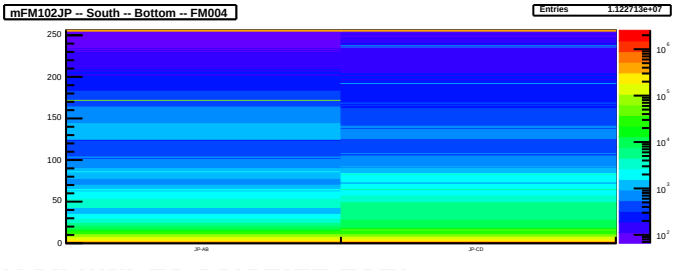

mFM102JPsim -- South -- Top -- FM003
Entries 3429869

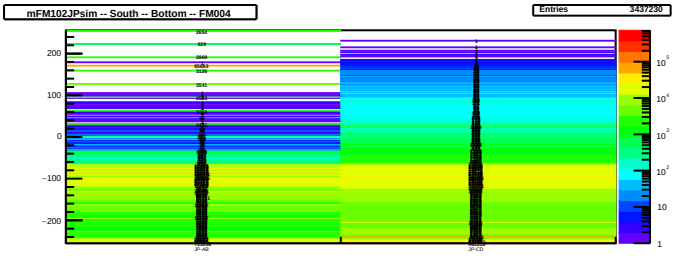

mFM102BS -- North -- Bottom -- FM004
Entries 2.245427e+07

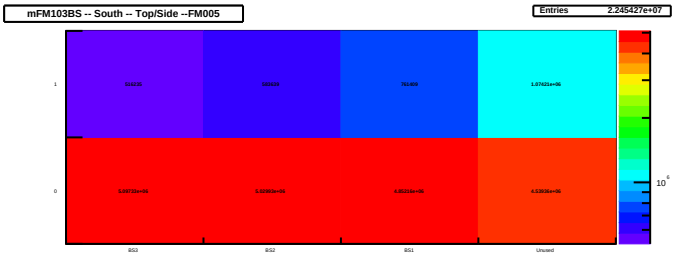

mFM102BSsim -- North -- Bottom -- FM004
Entries 5933818

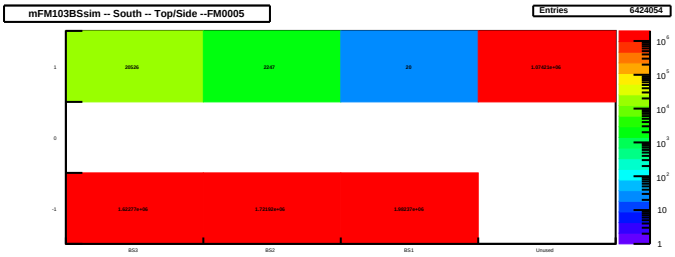

mFM102D -- South -- Bottom -- FM004
Entries 5613567
D(23)

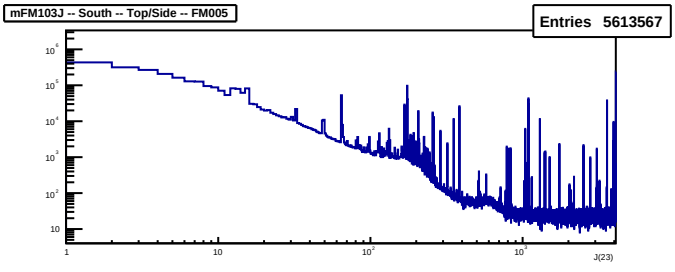

mFM102Dsim -- South -- Bottom -- FM004
Entries 1846551
D(23)

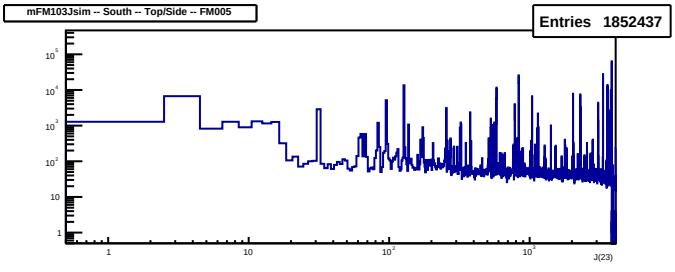

mFM102JP -- South -- Bottom -- FM004
Entries 1.122713e+07

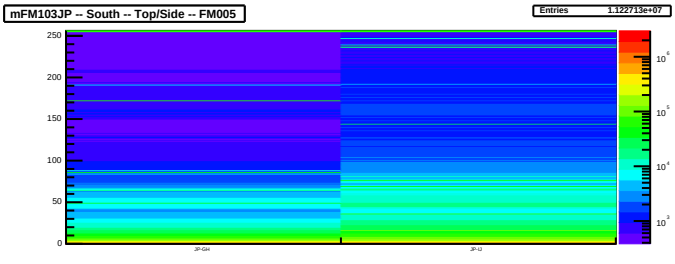

mFM102JPsim -- South -- Bottom -- FM004
Entries 3437230

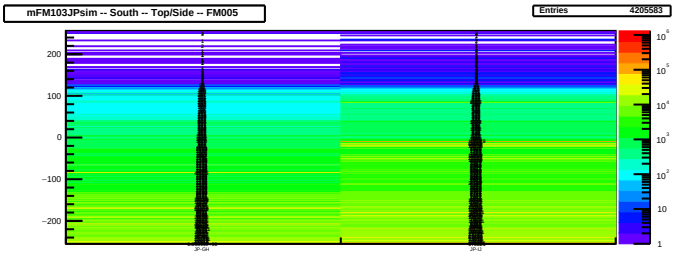

mFM103BS -- South -- Top/Side --FM005
Entries 2.245427e+07

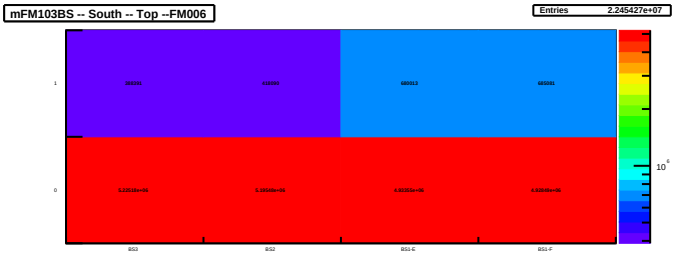

mFM103BSsim -- South -- Top/Side --FM0005
Entries 6424054

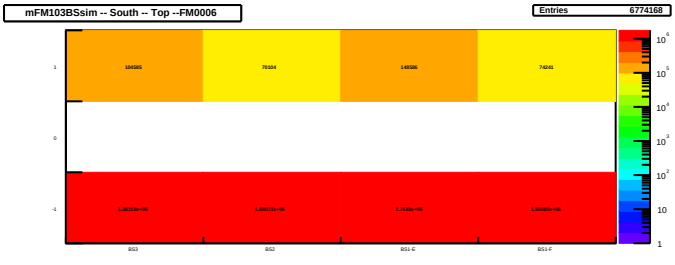

mFM103J -- South -- Top/Side -- FM005
Entries 5613567
J(23)

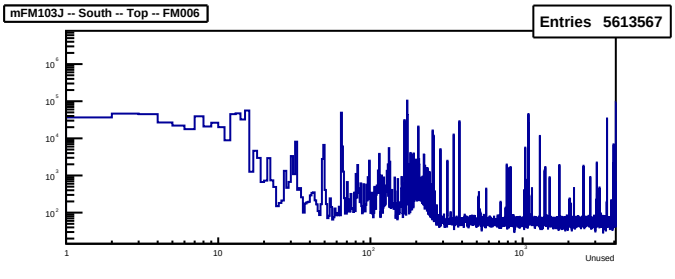

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1852437
J(23)

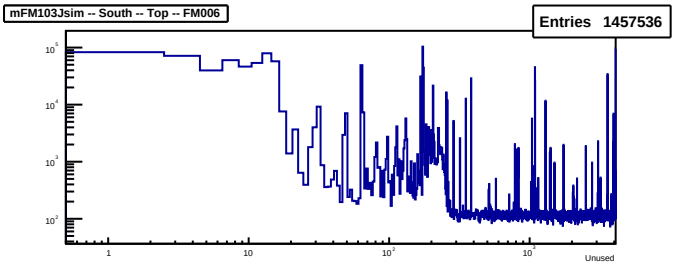

mFM103JP -- South -- Top/Side -- FM005
Entries 1.122713e+07

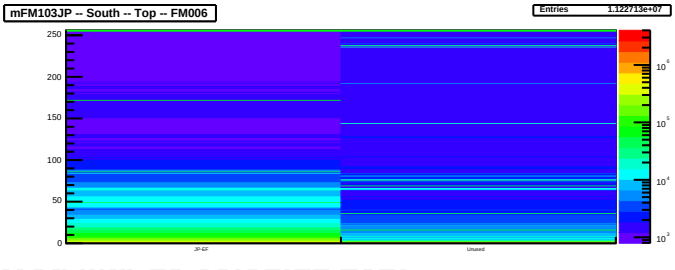

mFM103JPsim -- South -- Top/Side -- FM005
Entries 4205583

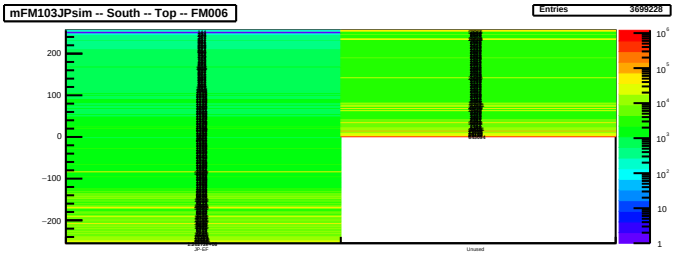

mFM103BS -- South -- Top --FM006
Entries 2.245427e+07

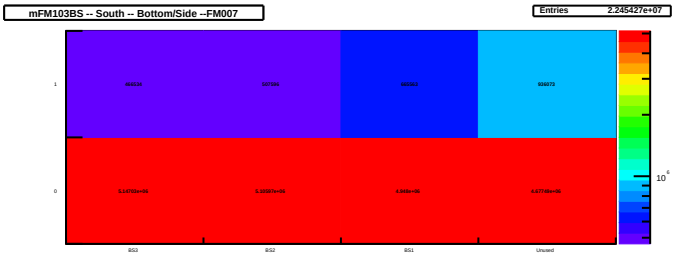

mFM103BSsim -- South -- Top --FM0006
Entries 6774168

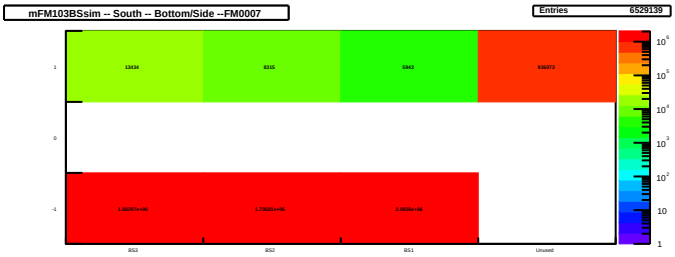

mFM103J -- South -- Top -- FM006
Entries 5613567
Unused

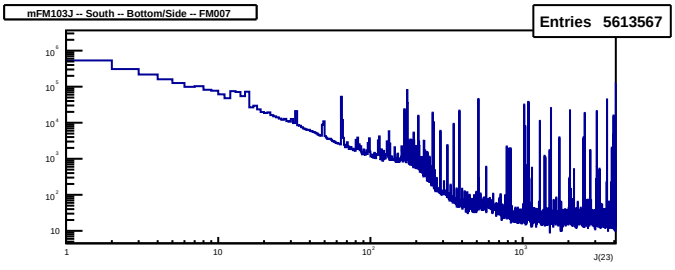

mFM103Jsim -- South -- Top -- FM006
Entries 1457536
Unused

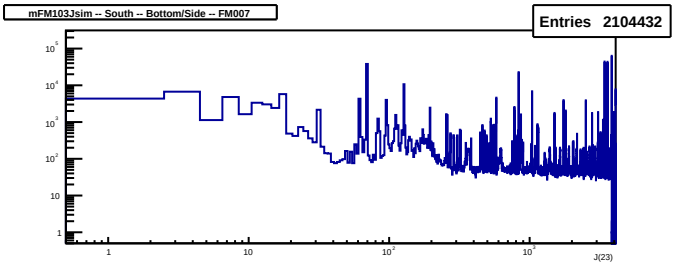

mFM103JP -- South -- Top -- FM006
Entries 1.122713e+07

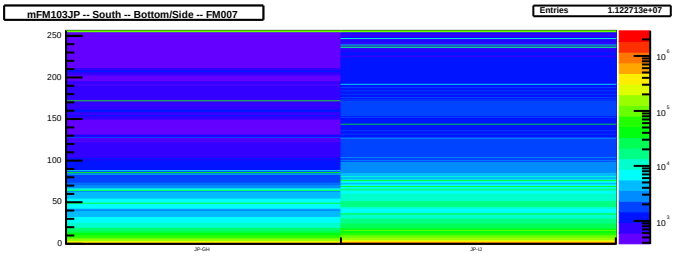

mFM103JPsim -- South -- Top -- FM006
Entries 3699228

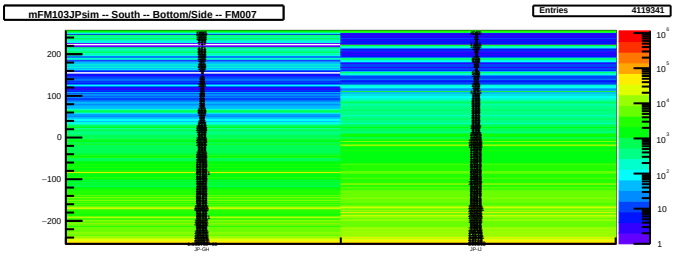

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.245427e+07

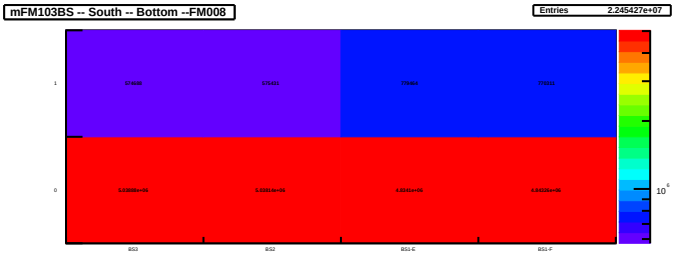

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 6529139

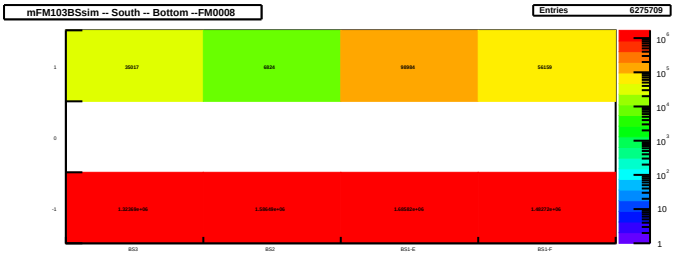

mFM103J -- South -- Bottom/Side -- FM007
Entries 5613567
J(23)

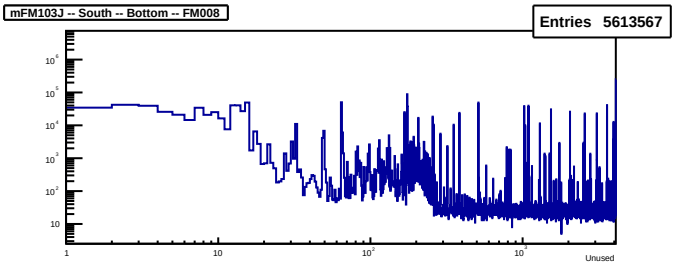

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 2104432
J(23)

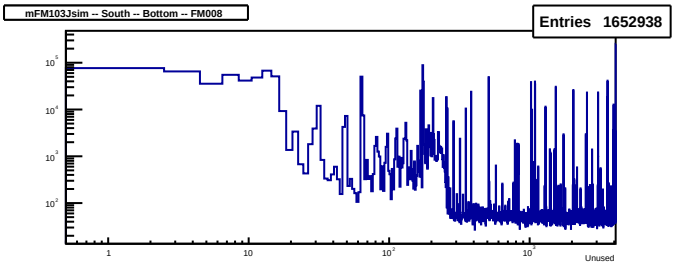

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.122713e+07

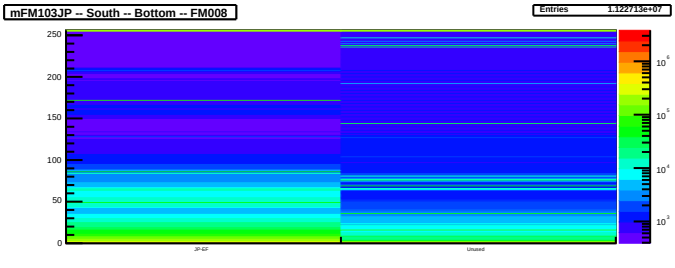

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 4119341

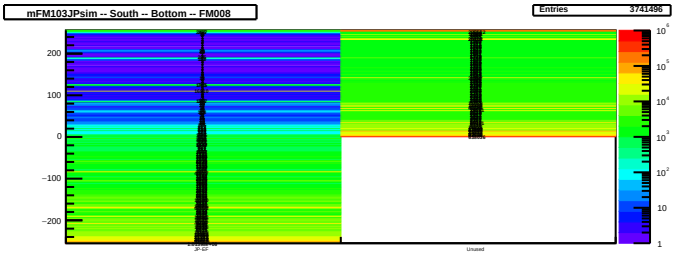

mFM103BS -- South -- Bottom --FM008
Entries 2.245427e+07

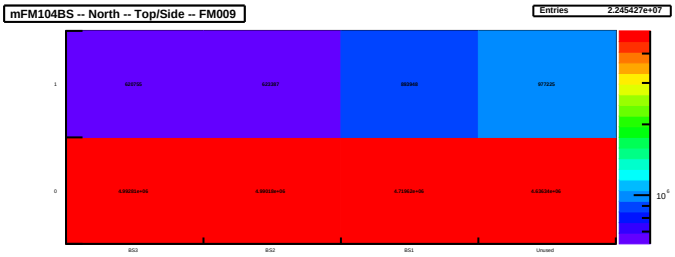

mFM103BSsim -- South -- Bottom --FM0008
Entries 6275709

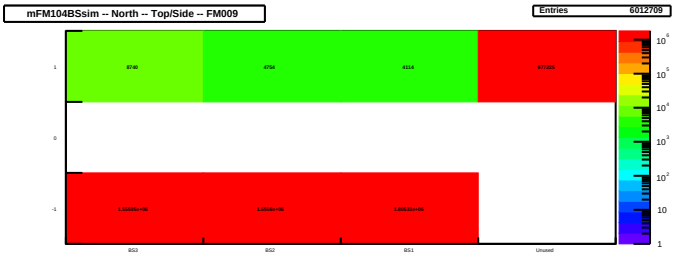

mFM103J -- South -- Bottom -- FM008
Entries 5613567
Unused

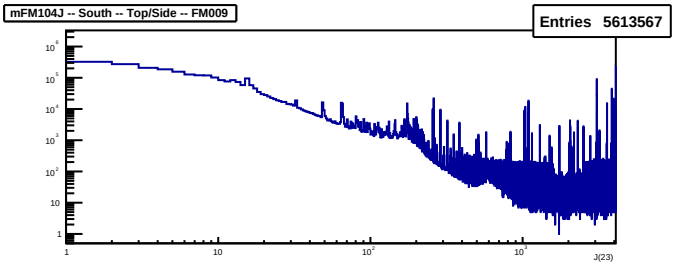

mFM103Jsim -- South -- Bottom -- FM008
Entries 1652938
Unused

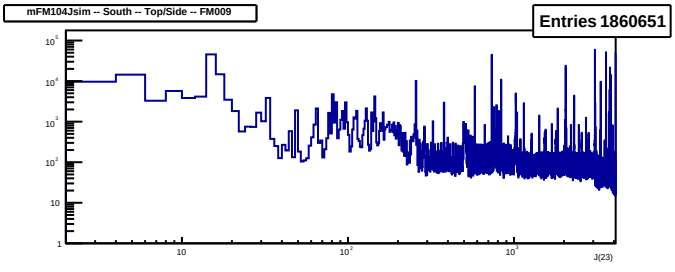

mFM103JP -- South -- Bottom -- FM008
Entries 1.122713e+07

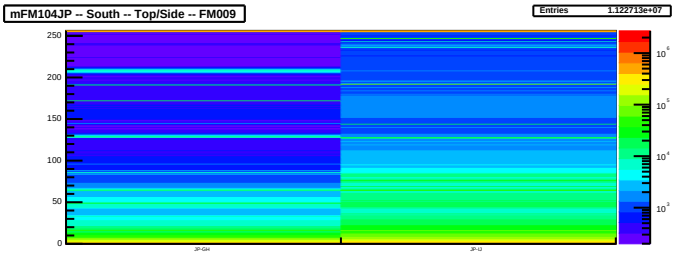

mFM103JPsim -- South -- Bottom -- FM008
Entries 3741496

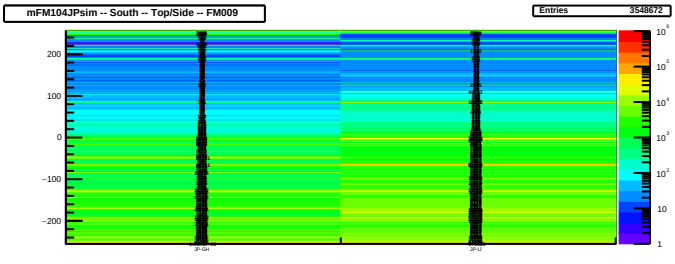

mFM104BS -- North -- Top/Side -- FM009
Entries 2.245427e+07

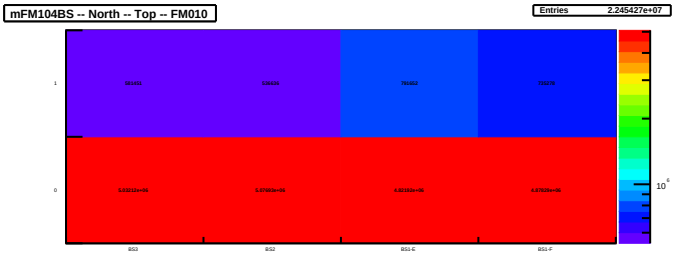

mFM104BSsim -- North -- Top/Side -- FM009
Entries 6012709

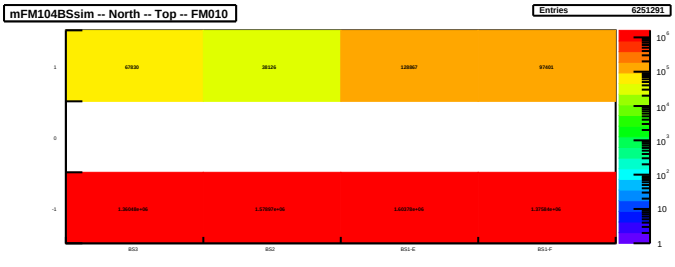

mFM104J -- South -- Top/Side -- FM009
Entries 5613567
J(23)

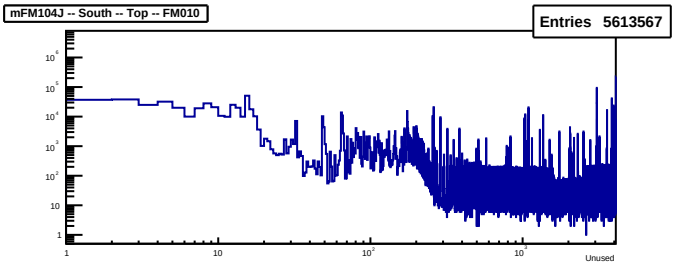

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1860651
J(23)

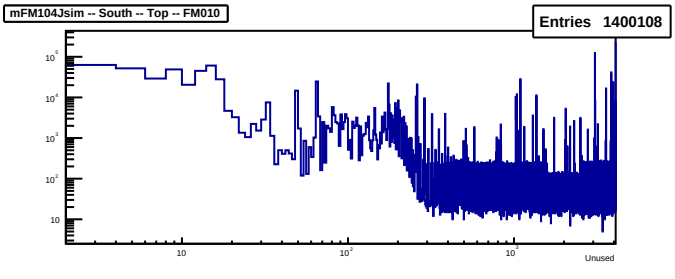

mFM104JP -- South -- Top/Side -- FM009
Entries 1.122713e+07

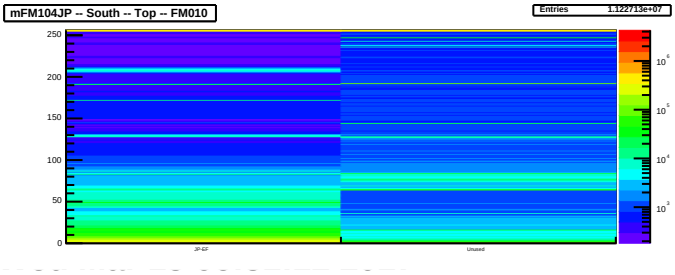

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3548672

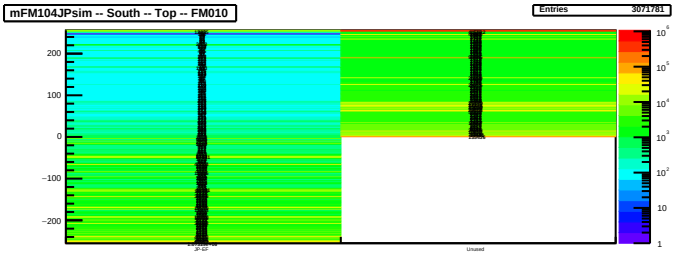

mFM104BS -- North -- Top -- FM010
Entries 2.245427e+07

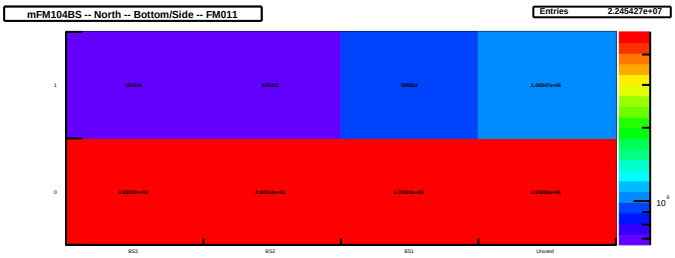

mFM104BSsim -- North -- Top -- FM010
Entries 6251291

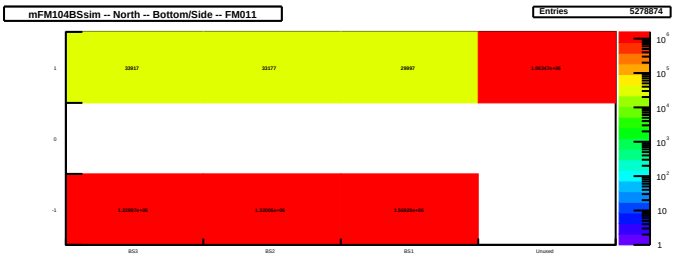

mFM104J -- South -- Top -- FM010
Entries 5613567
Unused

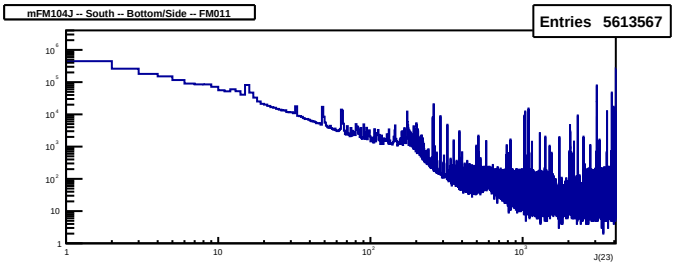

mFM104Jsim -- South -- Top -- FM010
Entries 1400108
Unused

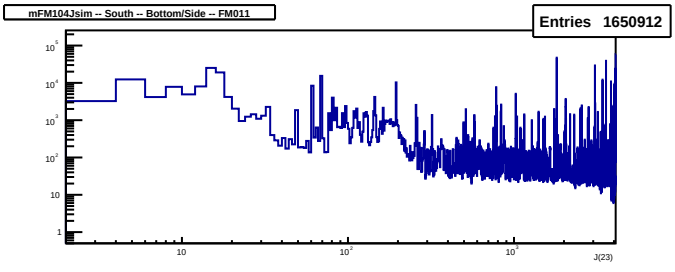

mFM104JP -- South -- Top -- FM010
Entries 1.122713e+07

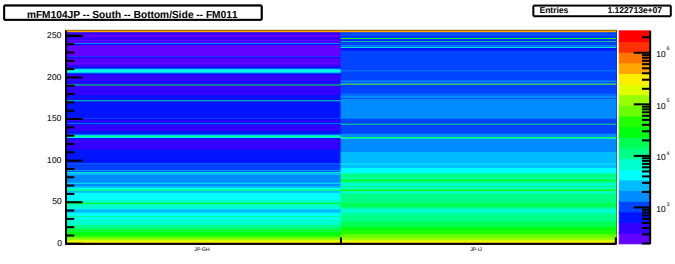

mFM104JPsim -- South -- Top -- FM010
Entries 3071781

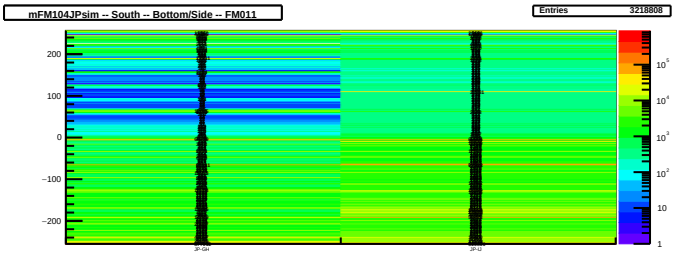

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.245427e+07

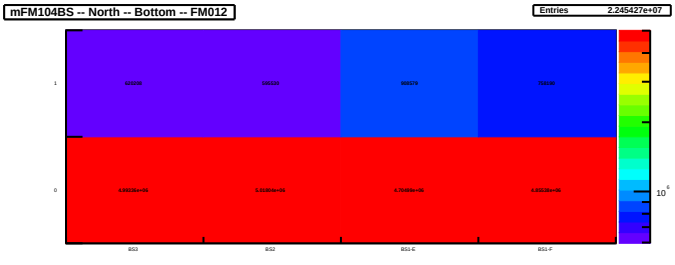

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5278874

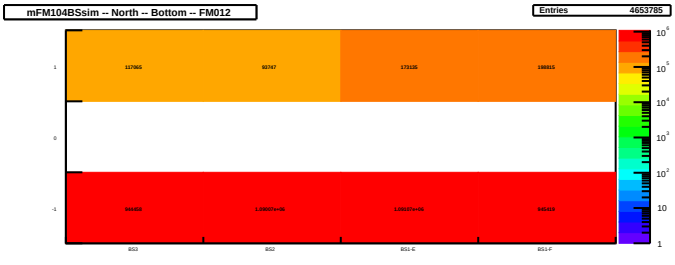

mFM104J -- South -- Bottom/Side -- FM011
Entries 5613567
J(23)

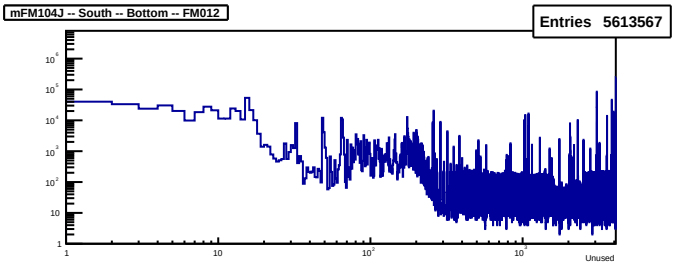

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1650912
J(23)

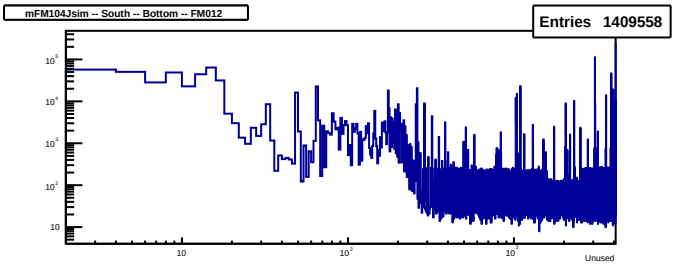

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.122713e+07

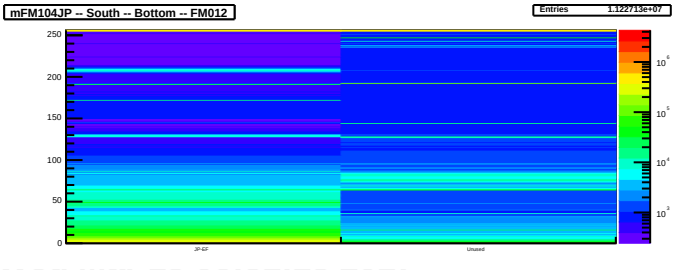

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3218808

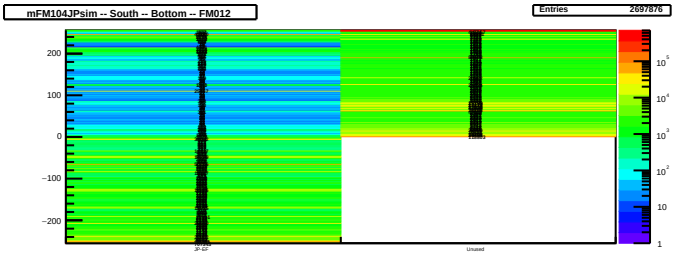

mFM104BS -- North -- Bottom -- FM012
Entries 2.245427e+07

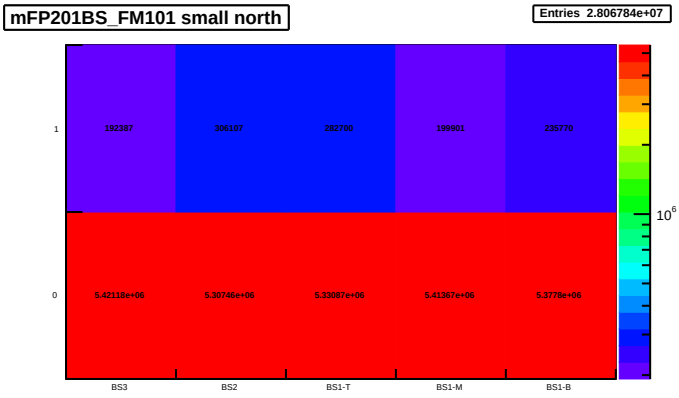

mFM104BSsim -- North -- Bottom -- FM012
Entries 4653785

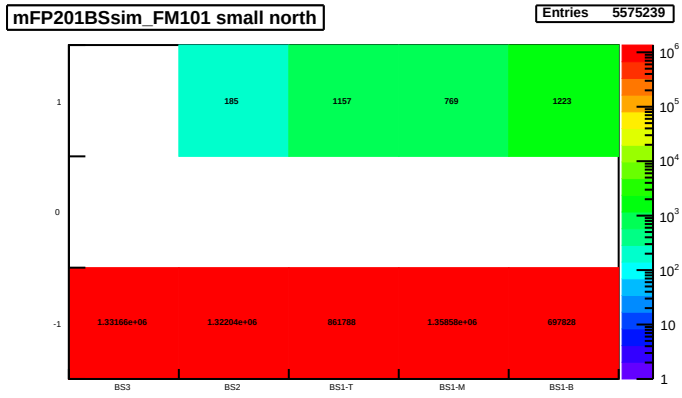

mFM104J -- South -- Bottom -- FM012
Entries 5613567
Unused

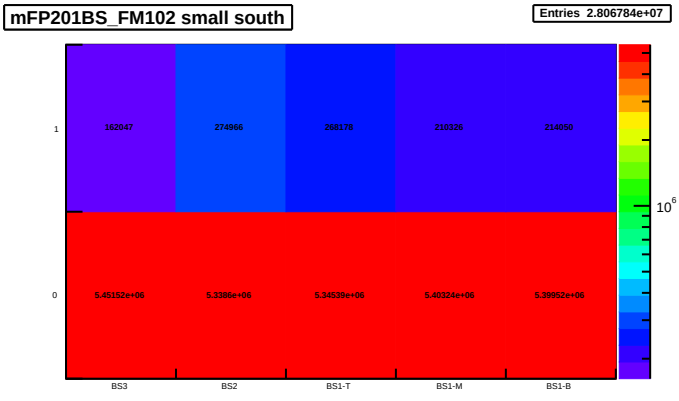

mFM104Jsim -- South -- Bottom -- FM012
Entries 1409558
Unused

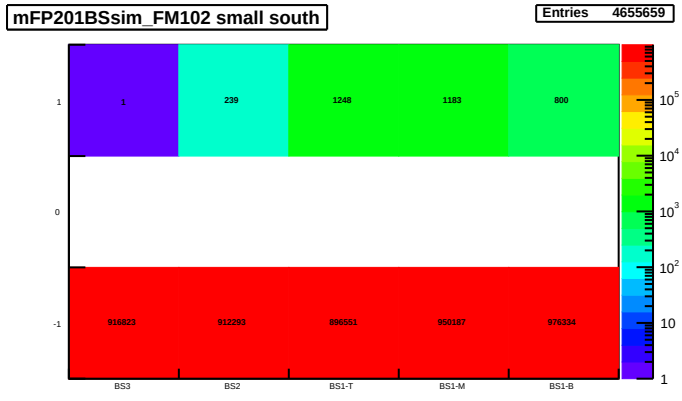

mFM104JP -- South -- Bottom -- FM012
Entries 1.122713e+07

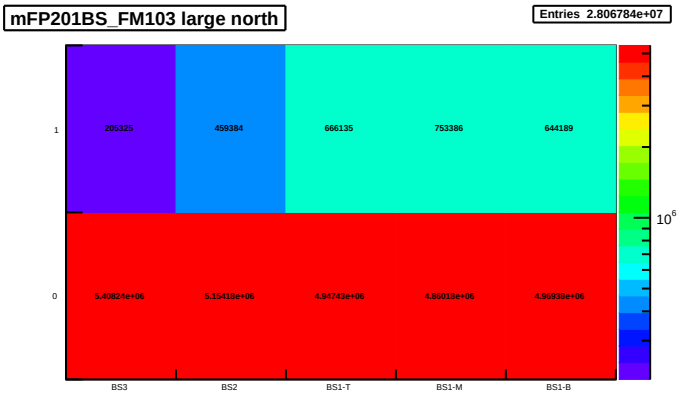

mFM104JPsim -- South -- Bottom -- FM012
Entries 2697876

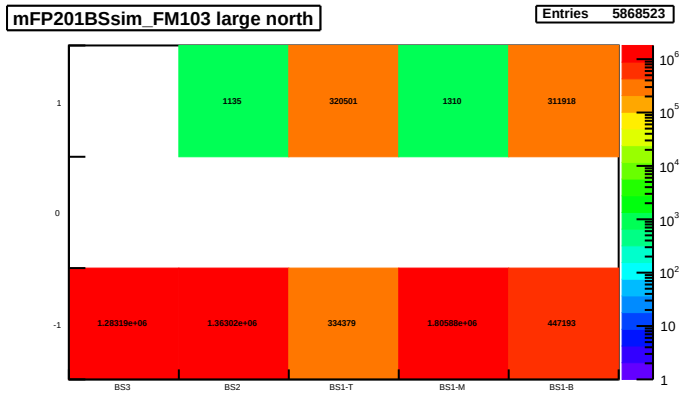

mFP201BS_FM101 small north
Entries 2.806784e+07
1
0
192387
306107
282700
199901
235770
5.42118e+06
5.30746e+06
5.33087e+06
5.41367e+06
5.3778e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

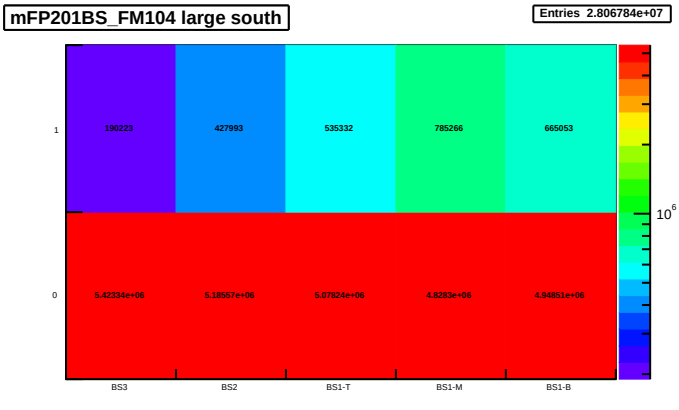

mFP201BSsim_FM101 small north
Entries 5575239
1
0
-1
185
1157
769
1223
1.33166e+06
1.32204e+06
861788
1.35858e+06
697828
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

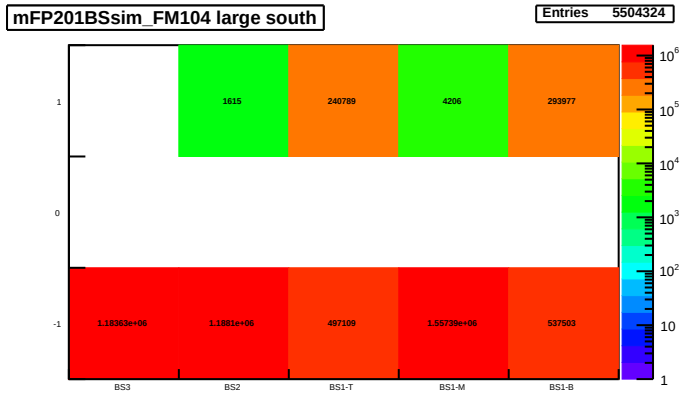

mFP201BS_FM102 small south
Entries 2.806784e+07
1
0
162047
274966
268178
210326
214050
5.45152e+06
5.3386e+06
5.34539e+06
5.40324e+06
5.39952e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

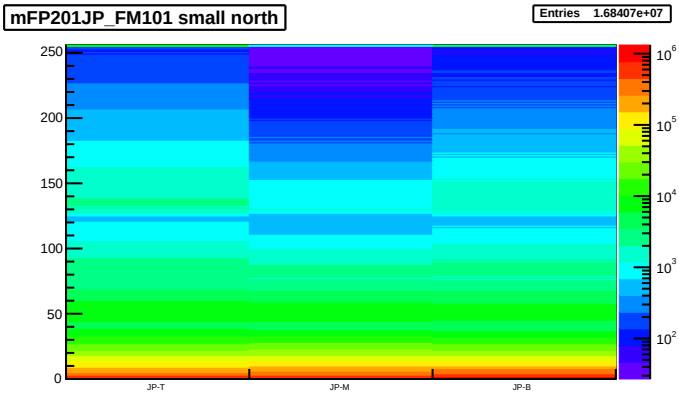

mFP201BSsim_FM102 small south
Entries 4655659
1
0
-1
1
239
1248
1183
800
916823
912293
896551
950187
976334
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

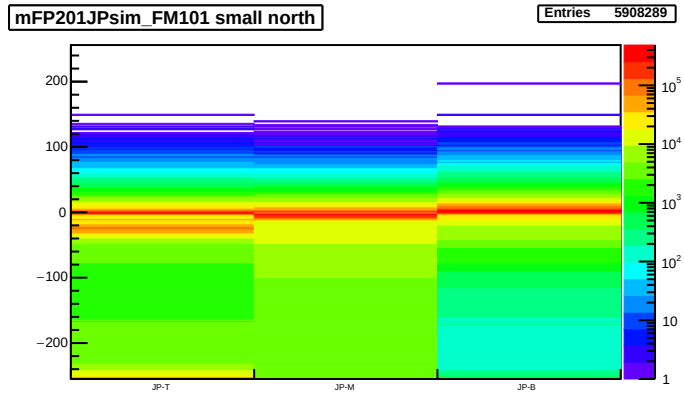

mFP201BS_FM103 large north
Entries 2.806784e+07
1
0
205325
459384
666135
753386
644189
5.40824e+06
5.15418e+06
4.94743e+06
4.86018e+06
4.96938e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

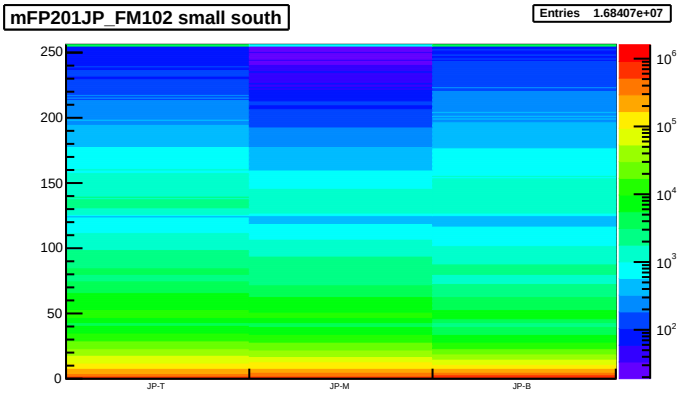

mFP201BSsim_FM103 large north
Entries 5868523
1
0
-1
1135
320501
1310
311918
1.28319e+06
1.36302e+06
334379
1.80588e+06
447193
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

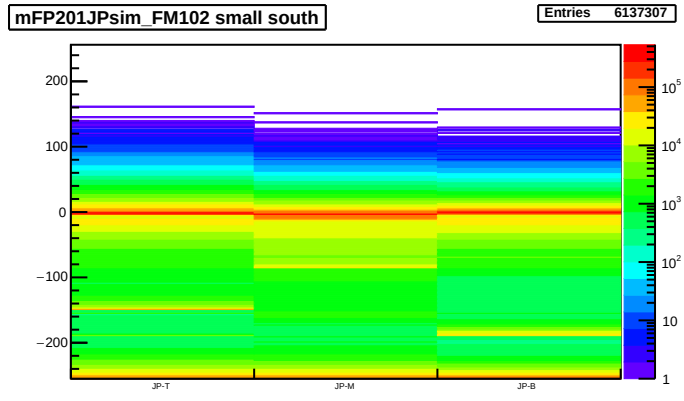

mFP201BS_FM104 large south
Entries 2.806784e+07
1
0
190223
427993
535332
785266
665053
5.42334e+06
5.18557e+06
5.07824e+06
4.8283e+06
4.94851e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

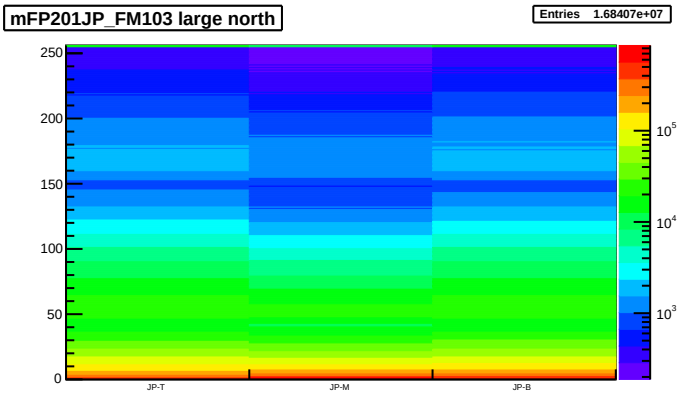

mFP201BSsim_FM104 large south
Entries 5504324
1
0
-1
1615
240789
4206
293977
1.18363e+06
1.1881e+06
497109
1.55739e+06
537503
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

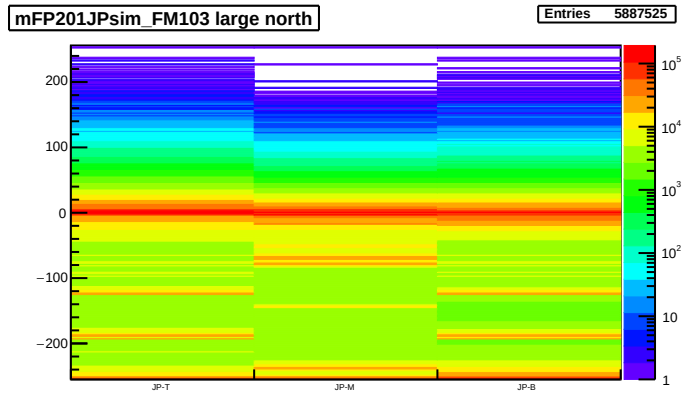

mFP201JP_FM101 small north
Entries 1.68407e+07
JP-T
JP-M
JP-B

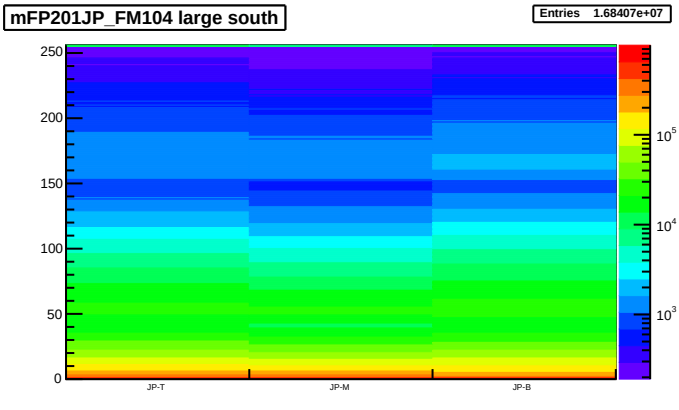

mFP201JPsim_FM101 small north
Entries 5908289
JP-T
JP-M
JP-B

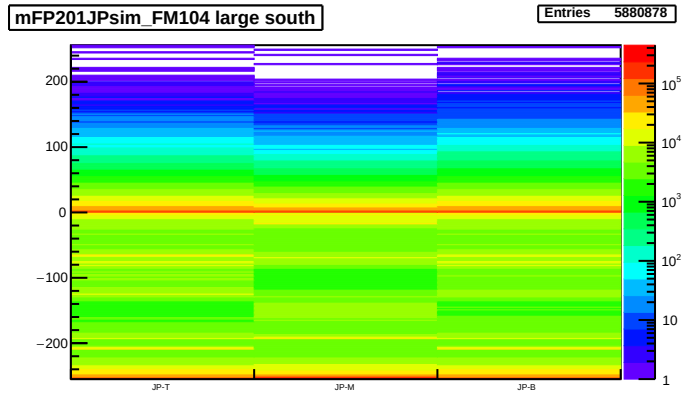

mFP201JP_FM102 small south
Entries 1.68407e+07
JP-T
JP-M
JP-B

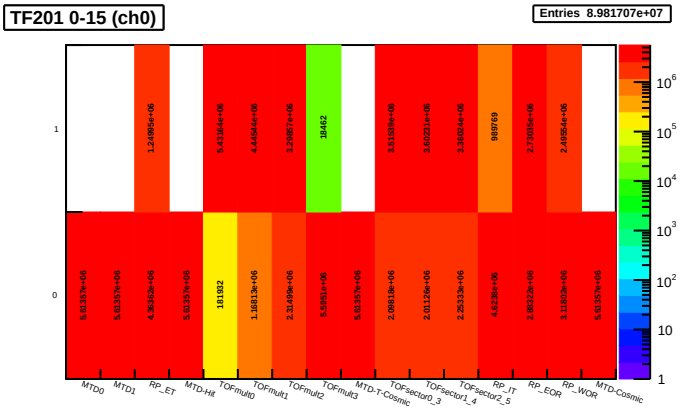

mFP201JPsim_FM102 small south
Entries 6137307
JP-T
JP-M
JP-B

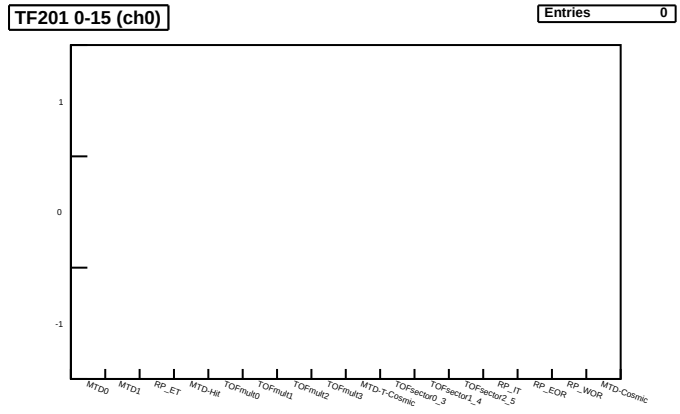

mFP201JP_FM103 large north
Entries 1.68407e+07
JP-T
JP-M
JP-B

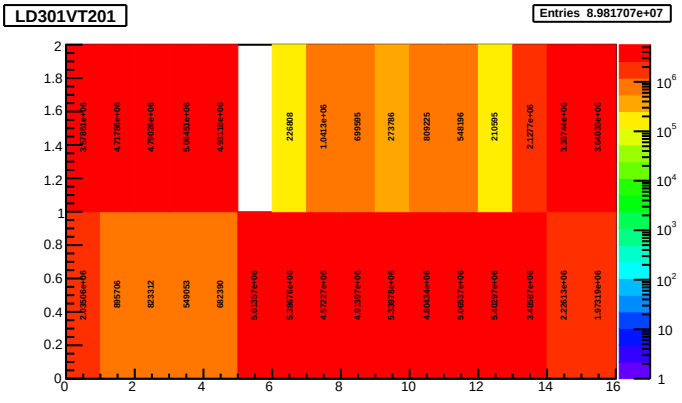

mFP201JPsim_FM103 large north
Entries 5887525
JP-T
JP-M
JP-B

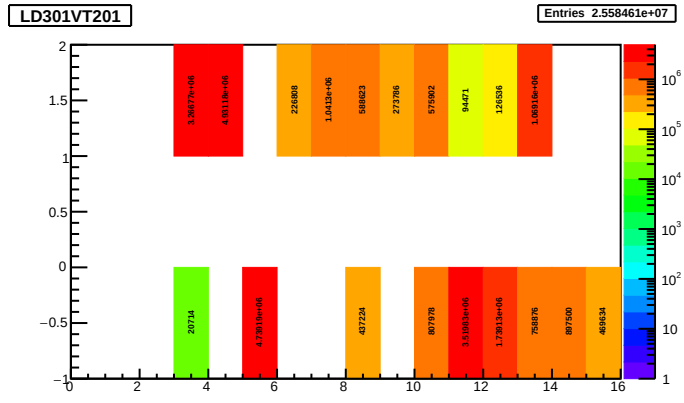

mFP201JP_FM104 large south
Entries 1.68407e+07
JP-T
JP-M
JP-B

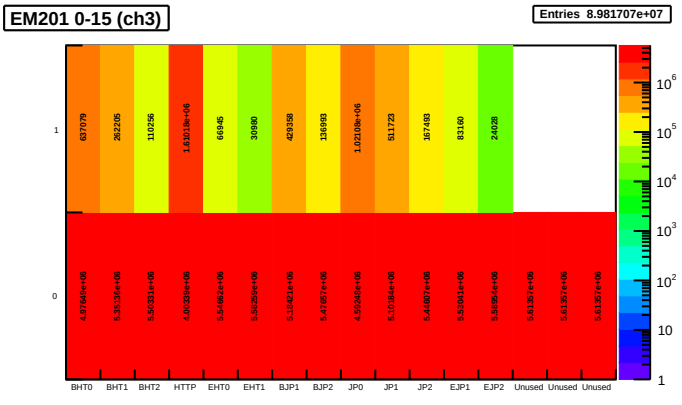

mFP201JPsim_FM104 large south
Entries 5880878
JP-T
JP-M
JP-B

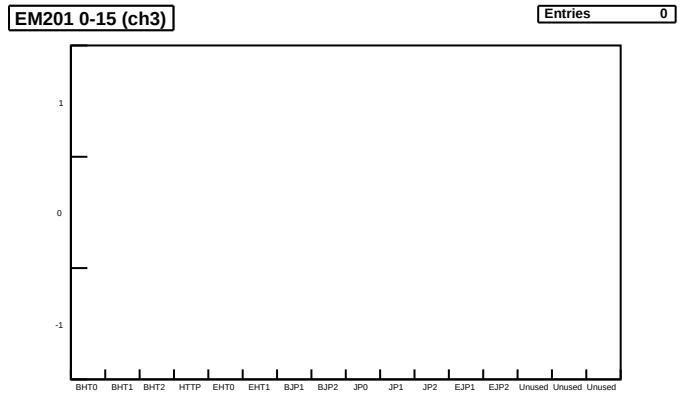

TF201 0-15 (ch0)
Entries 8.981707e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

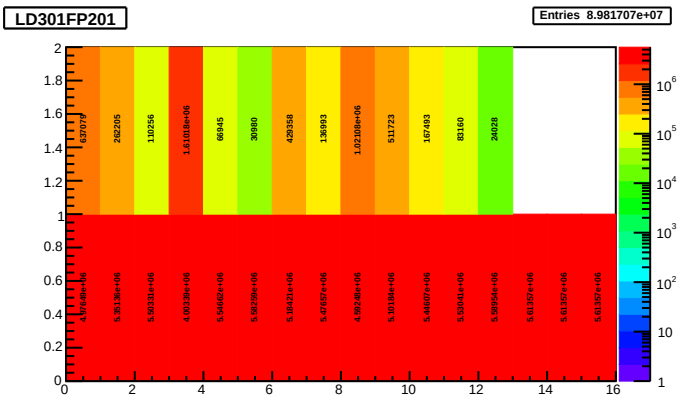

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

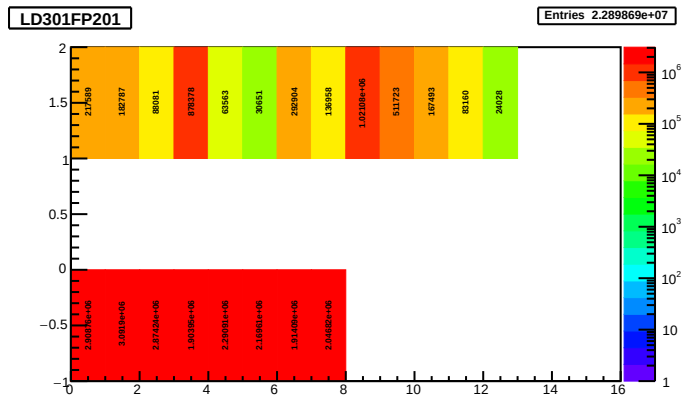

LD301VT201
Entries 8.981707e+07


LD301VT201
Entries 2.558461e+07


EM201 0-15 (ch3)
Entries 8.981707e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 8.981707e+07


LD301FP201
Entries 2.289869e+07