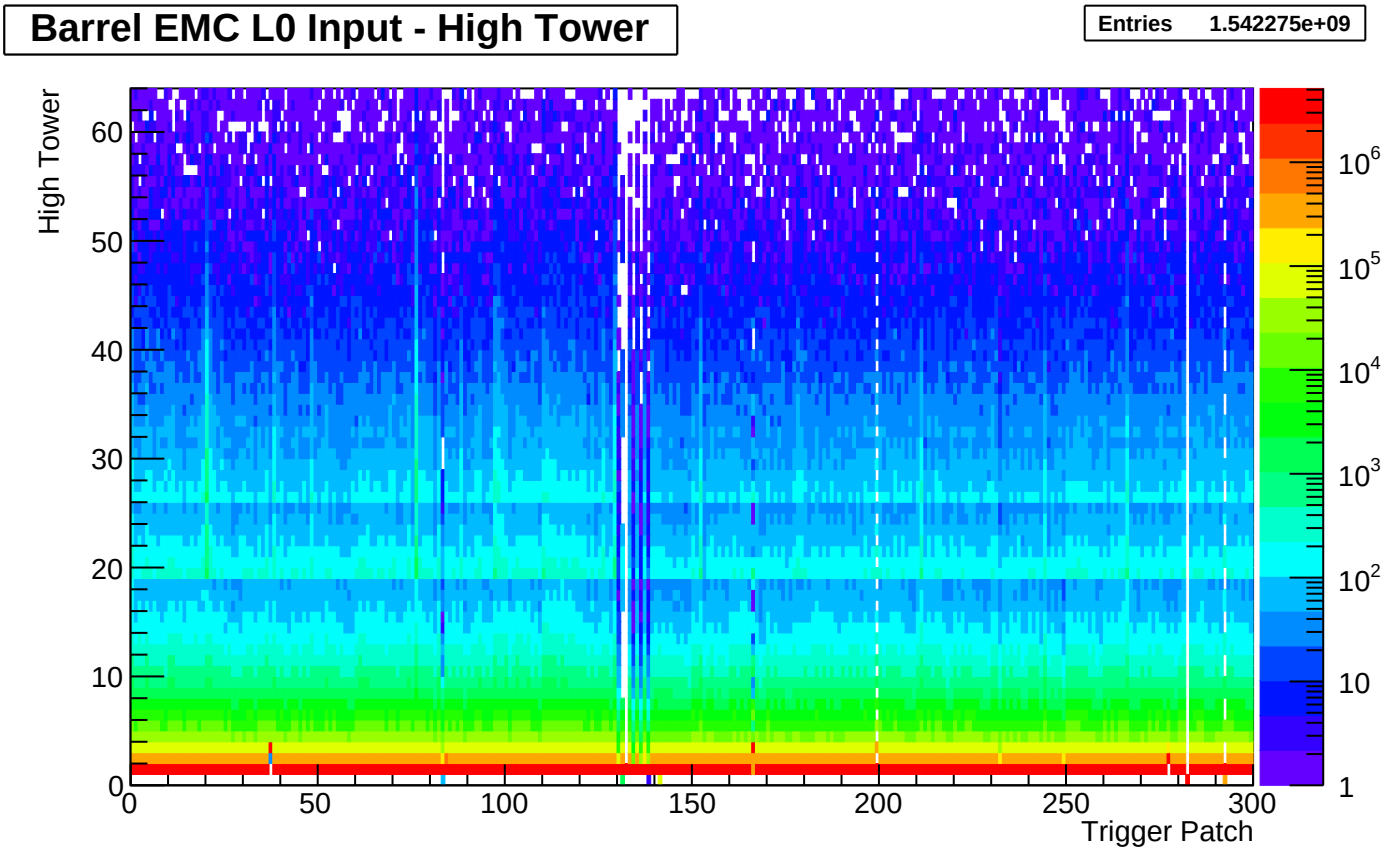
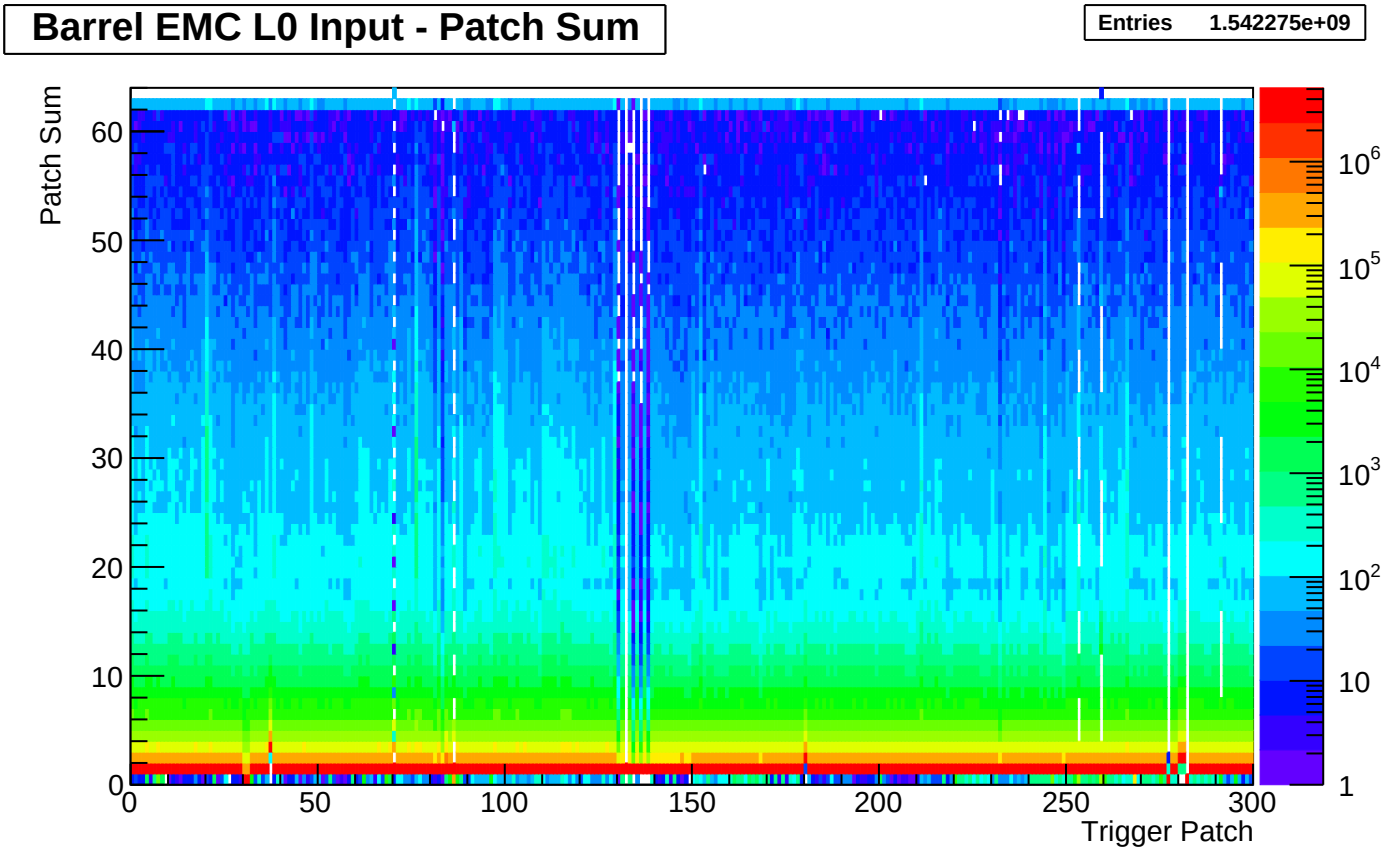
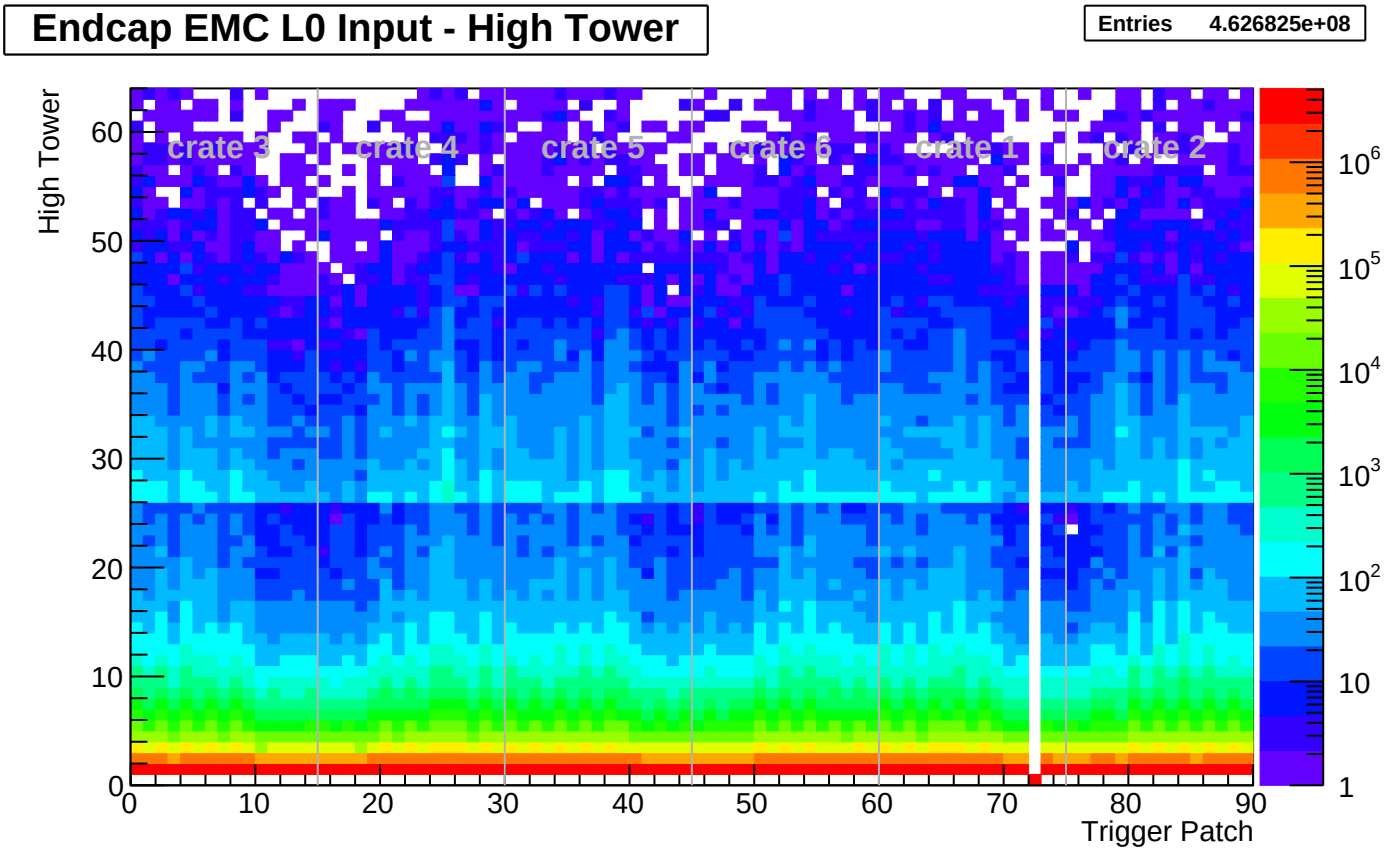
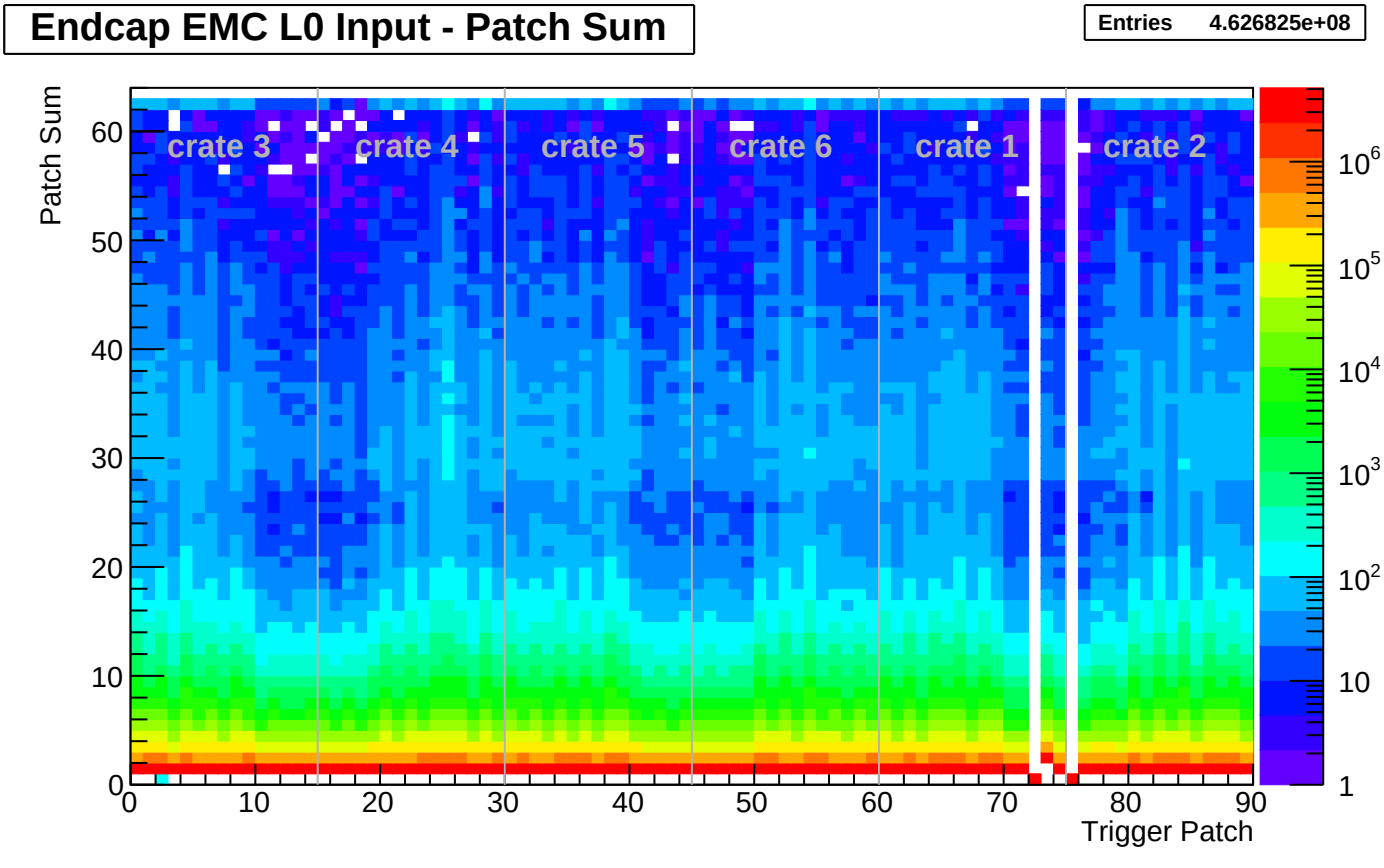
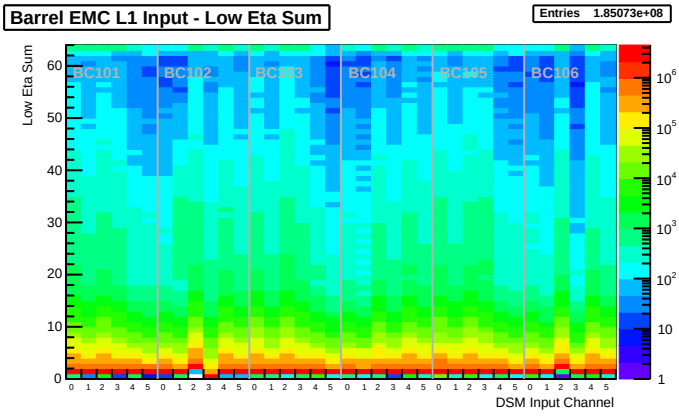
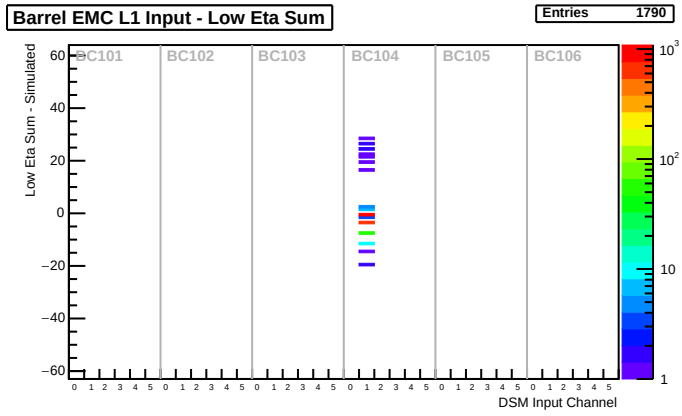

Barrel EMC L0 Input - High Tower
Entries 1.542275e+09
High Tower
Trigger Patch

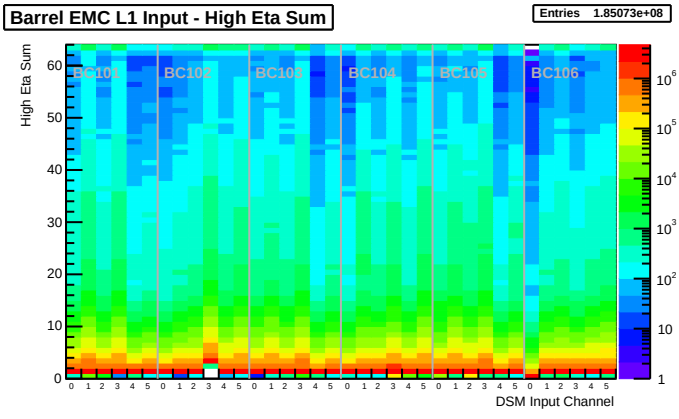

Barrel EMC L0 Input - Patch Sum
Entries 1.542275e+09
Patch Sum
Trigger Patch

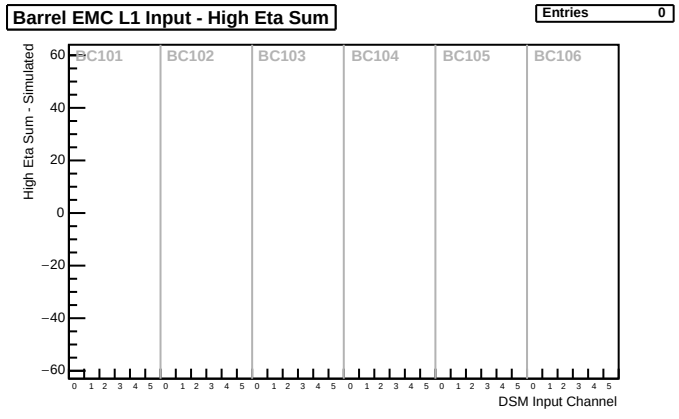

Endcap EMC L0 Input - High Tower
Entries 4.626825e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

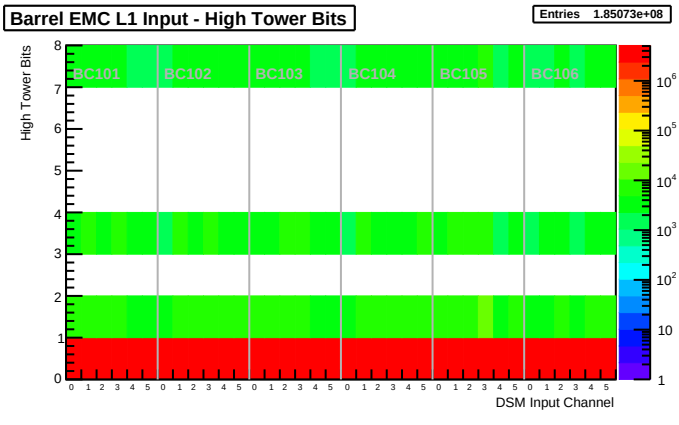

Endcap EMC L0 Input - Patch Sum
Entries 4.626825e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

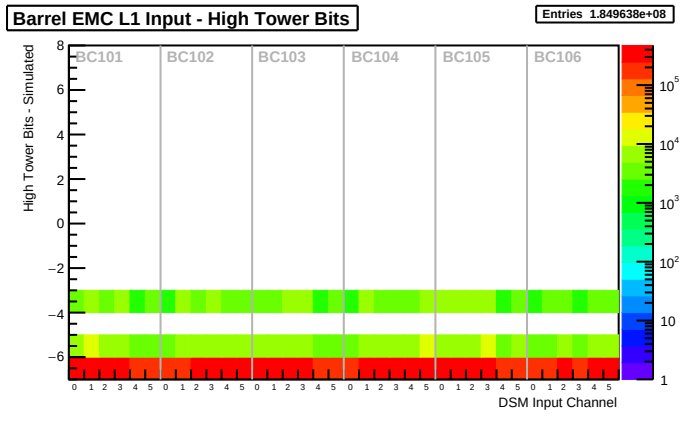

Barrel EMC L1 Input - Low Eta Sum
Entries 1.85073e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

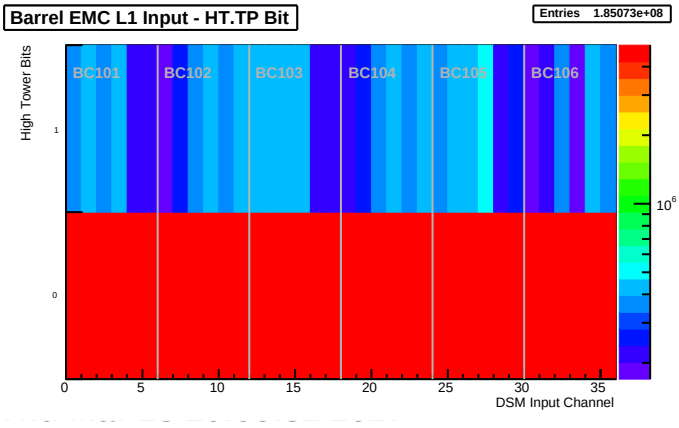

Barrel EMC L1 Input - Low Eta Sum
Entries 1790
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

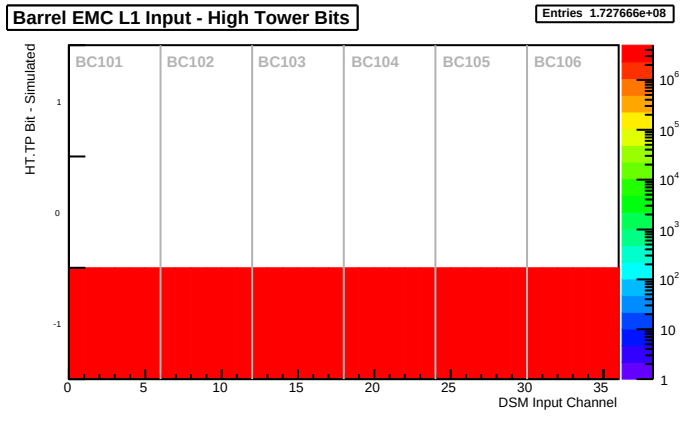

Barrel EMC L1 Input - High Eta Sum
Entries 1.85073e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

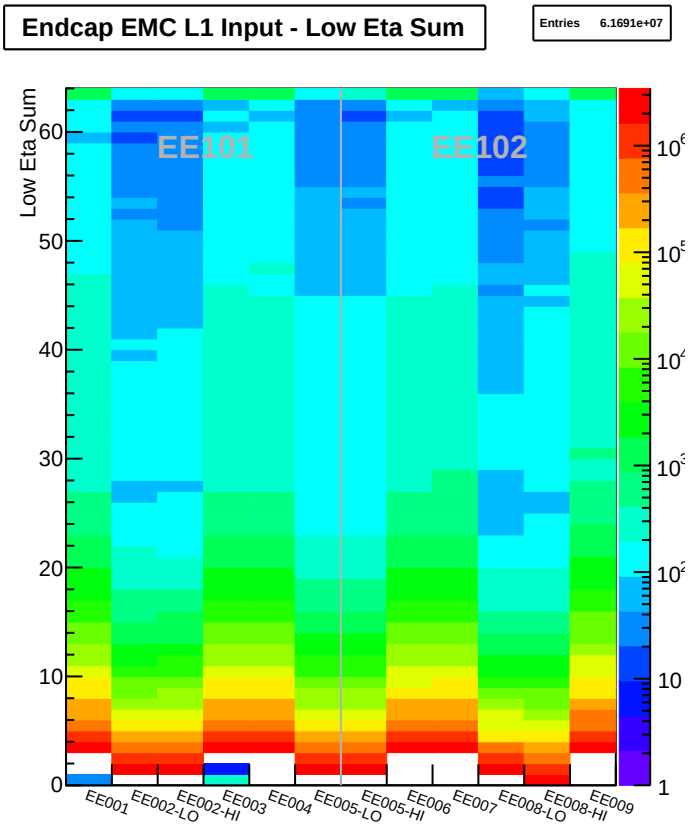

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

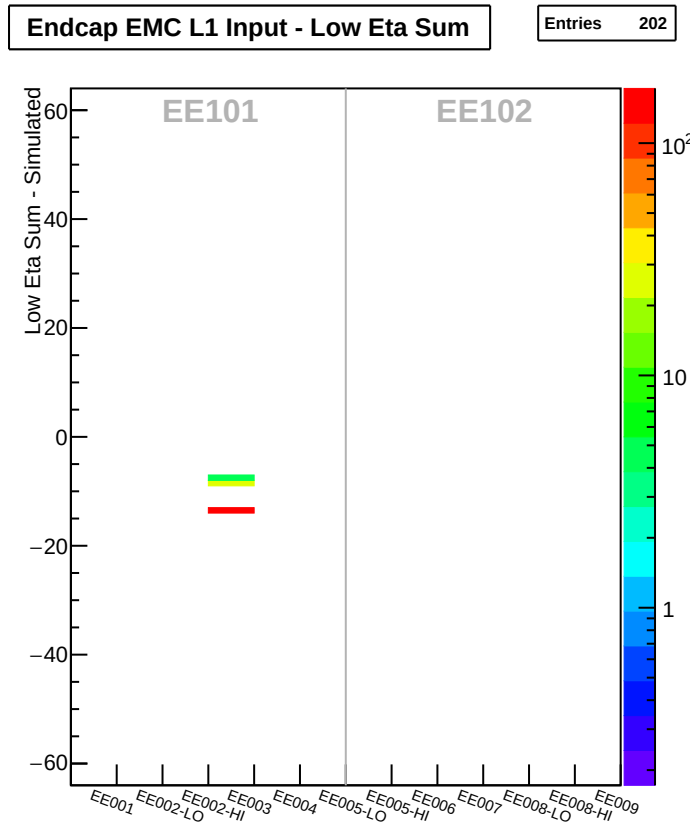

Barrel EMC L1 Input - High Tower Bits
Entries 1.85073e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

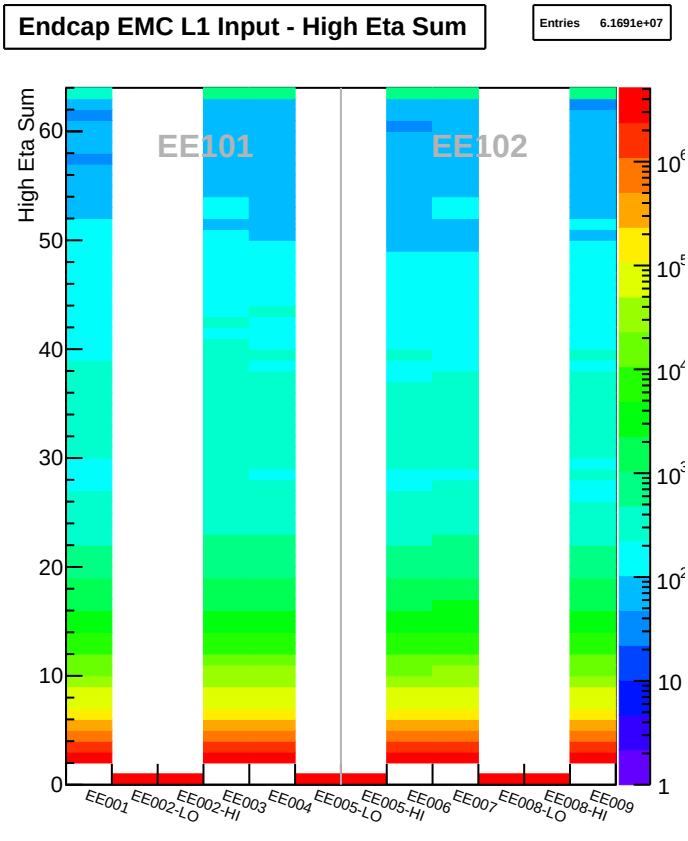

Barrel EMC L1 Input - High Tower Bits
Entries 1.849638e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

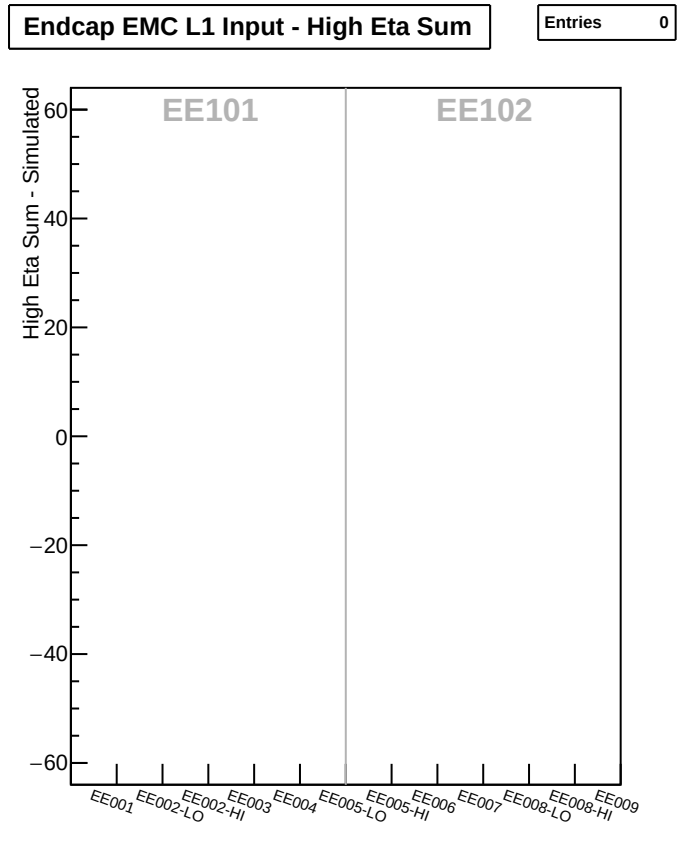

Barrel EMC L1 Input - HT.TP Bit
Entries 1.85073e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

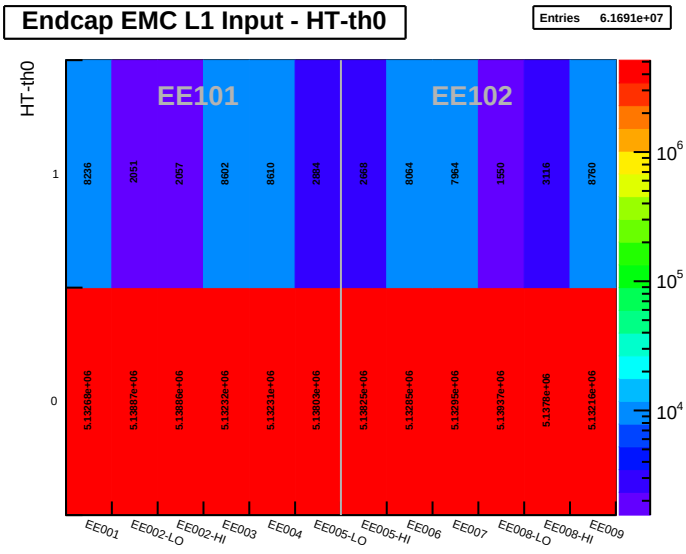

Barrel EMC L1 Input - High Tower Bits
Entries 1.727666e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

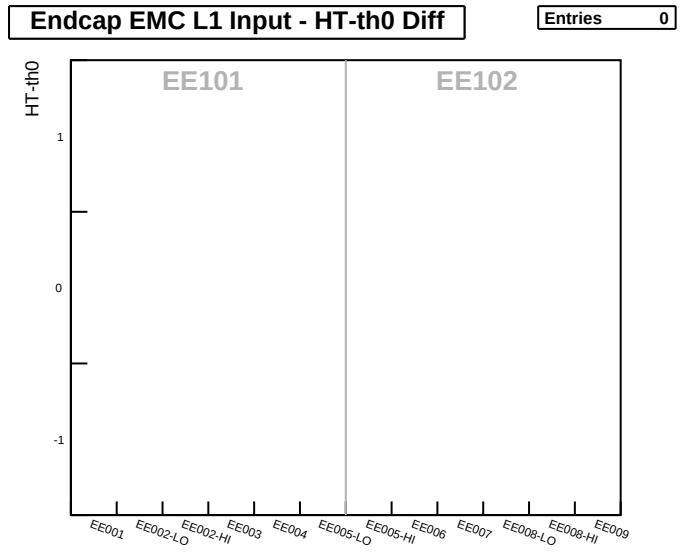

Endcap EMC L1 Input - Low Eta Sum
Entries 6.1691e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

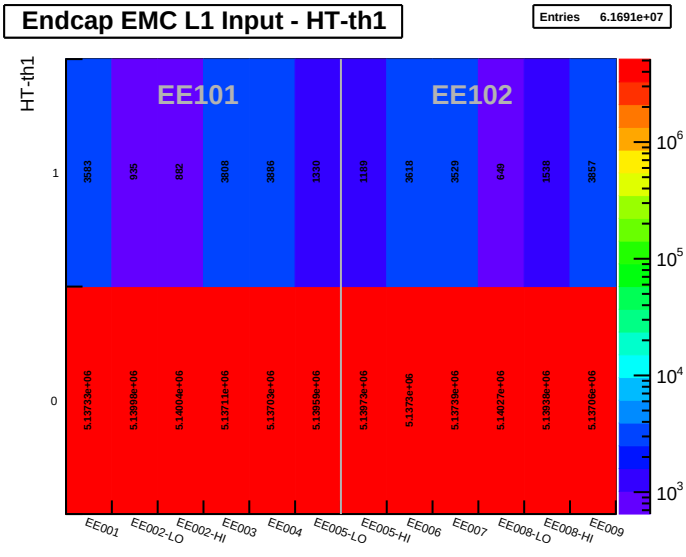

Endcap EMC L1 Input - Low Eta Sum
Entries 202
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

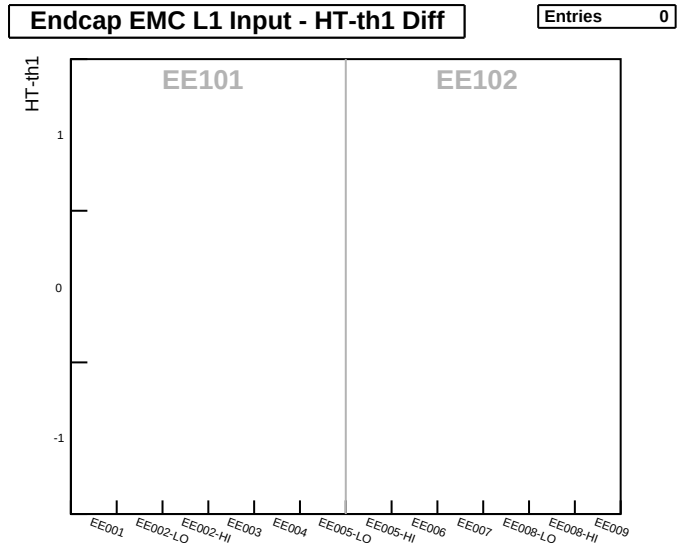

Endcap EMC L1 Input - High Eta Sum
Entries 6.1691e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

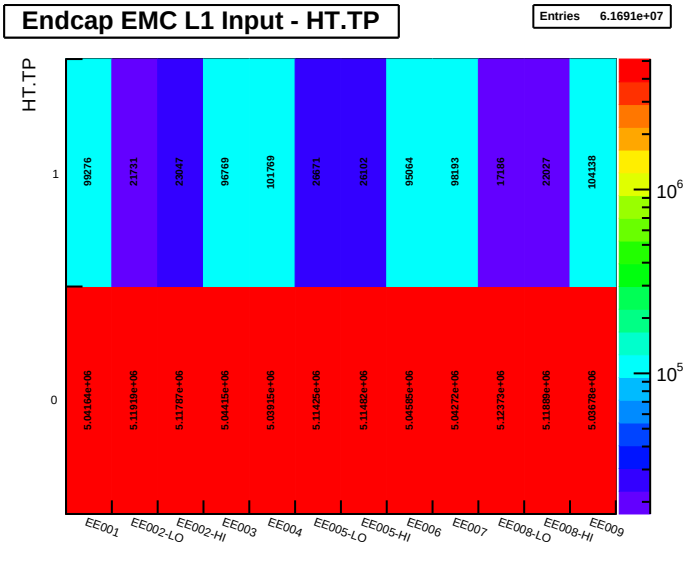

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

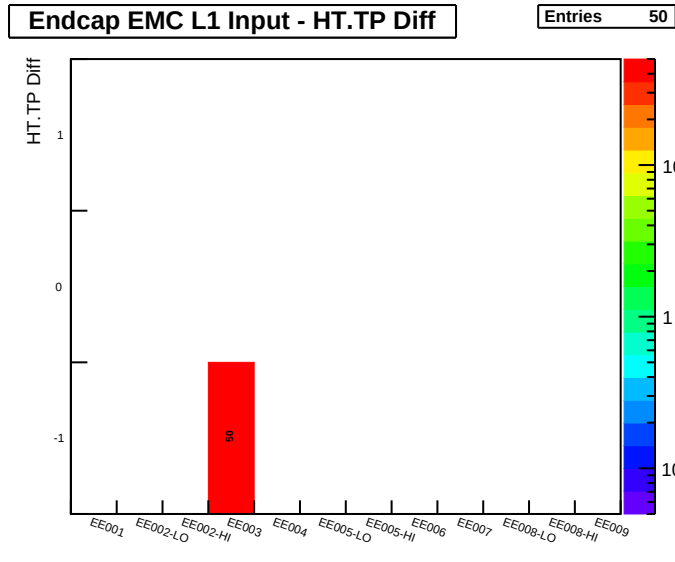

Endcap EMC L1 Input - HT-th0
Entries 6.1691e+07
HT-th0
EE101
EE102
8236 2051 2057 8802 8610 2884 2668 8064 7964 1550 3116 8760
5.13268e+06 5.13187e+06 5.13186e+06 5.13232e+06 5.13231e+06 5.13203e+06 5.13325e+06 5.13285e+06 5.13295e+06 5.13337e+06 5.1378e+06 5.13216e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

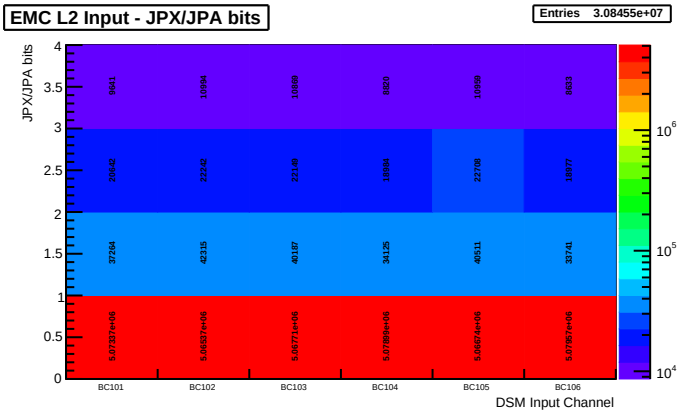

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

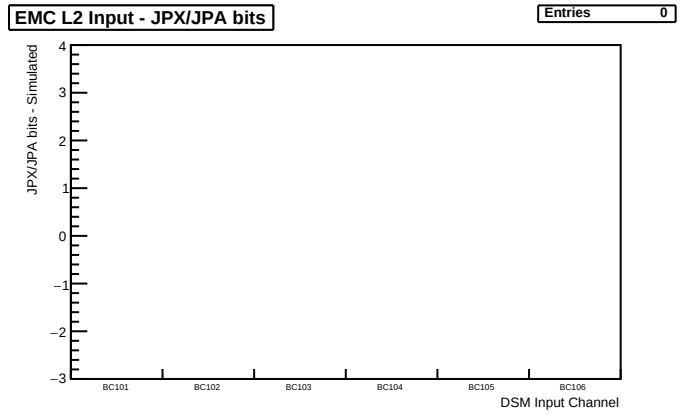

Endcap EMC L1 Input - HT-th1
Entries 6.1691e+07
HT-th1
EE101
EE102
3583 935 832 3808 3886 1330 1189 3618 3529 640 1538 3857
5.13723e+06 5.13998e+06 5.14004e+06 5.13711e+06 5.13703e+06 5.13959e+06 5.13973e+06 5.1372e+06 5.13739e+06 5.14027e+06 5.13938e+06 5.13706e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

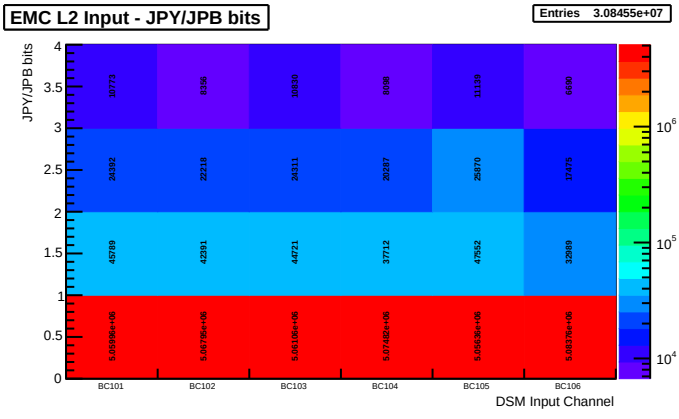

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

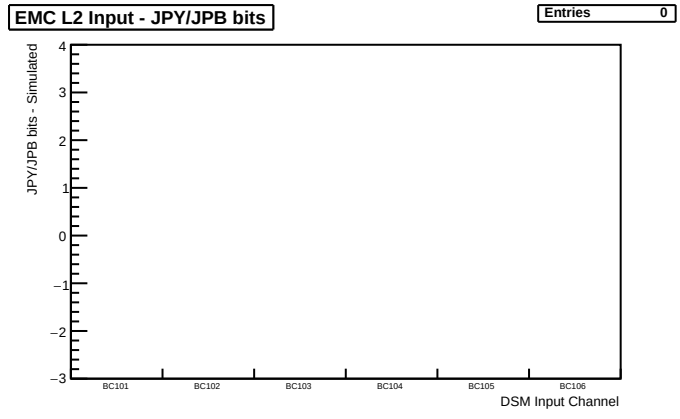

Endcap EMC L1 Input - HT.TP
Entries 6.1691e+07
HT.TP
99276 21731 23047 96769 101769 26671 26102 95064 98193 17186 22027 104138
5.04164e+06 5.11919e+05 5.11787e+06 5.04415e+06 5.03915e+06 5.11425e+06 5.11482e+06 5.04585e+06 5.04272e+06 5.12373e+06 5.11889e+06 5.03678e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

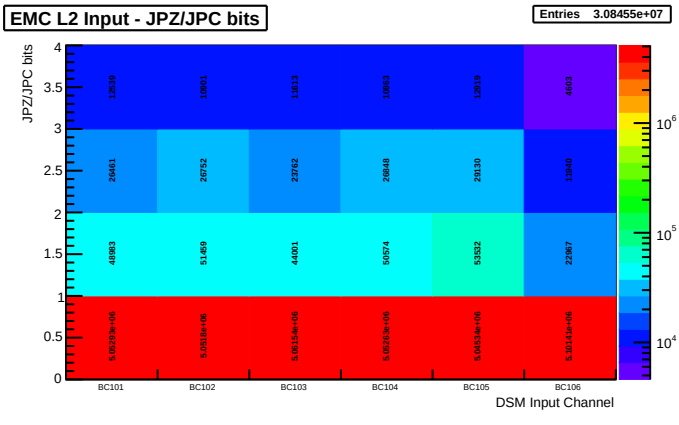

Endcap EMC L1 Input - HT.TP Diff
Entries 50
HT.TP Diff
50
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

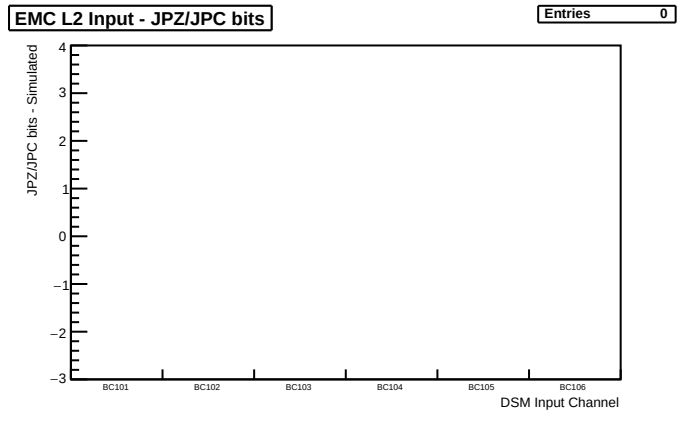

EMC L2 Input - JPX/JPA bits
Entries 3.08455e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

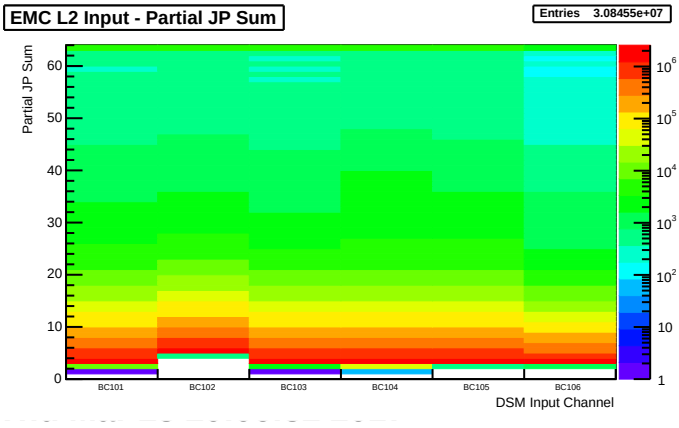

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

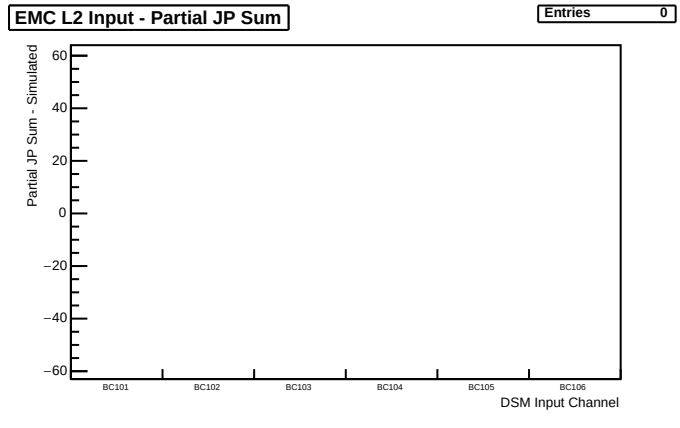

EMC L2 Input - JPY/JPB bits
Entries 3.08455e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

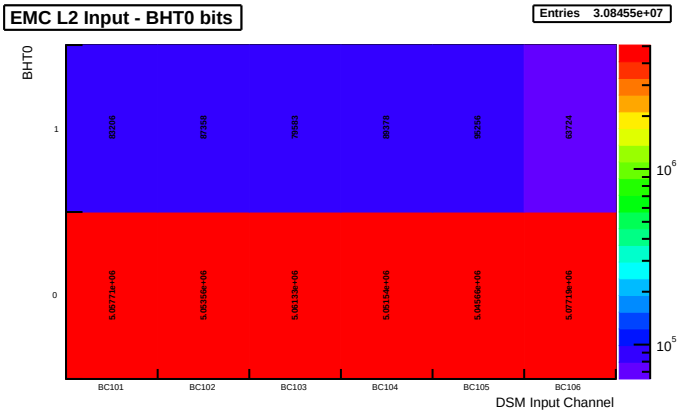

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

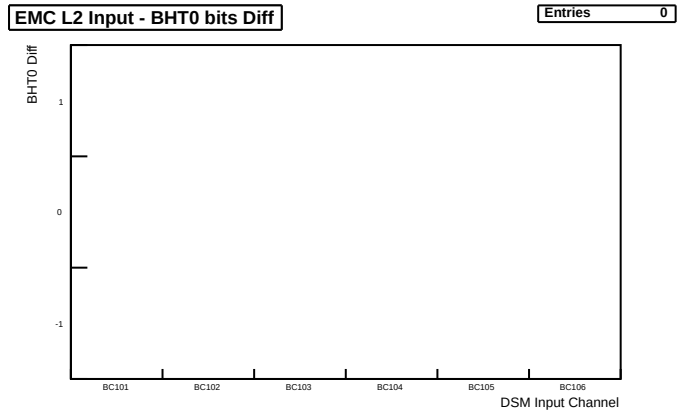

EMC L2 Input - JPZ/JPC bits
Entries 3.08455e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

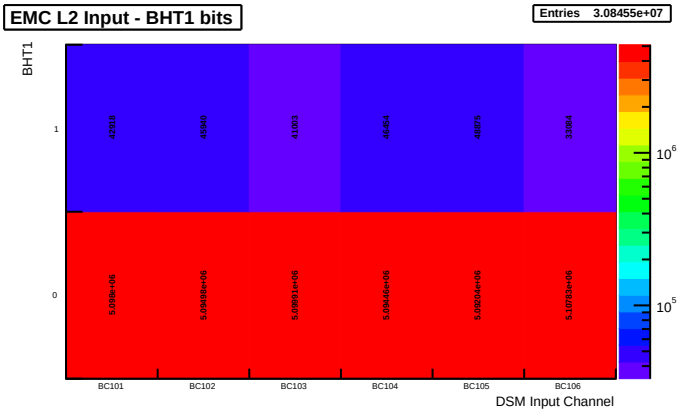

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

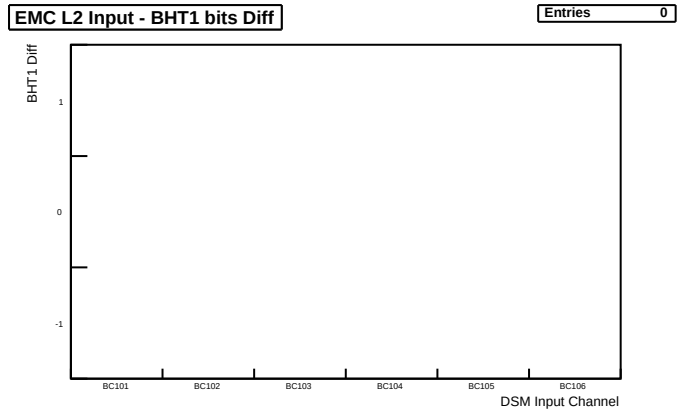

EMC L2 Input - Partial JP Sum
Entries 3.08455e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

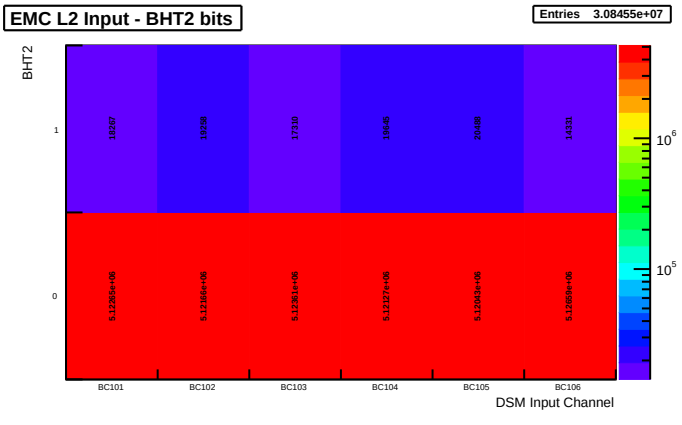

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

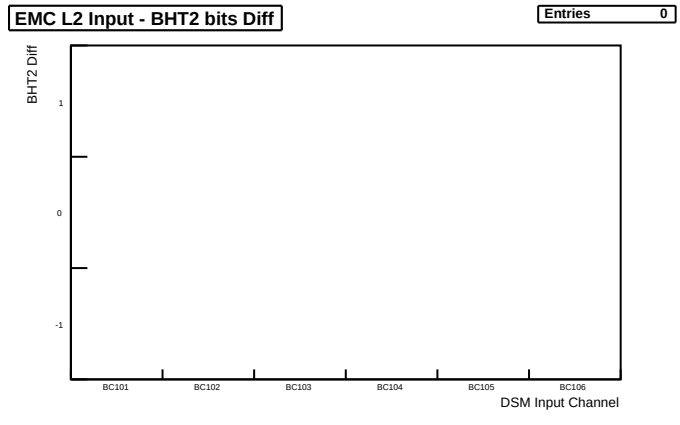

EMC L2 Input - BHT0 bits
Entries 3.08455e+07
BHT0
1
0
85206
67359
79583
69378
95256
63724
5.05771e+06
5.05356e+06
5.06133e+06
5.05154e+06
5.04569e+06
5.07719e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

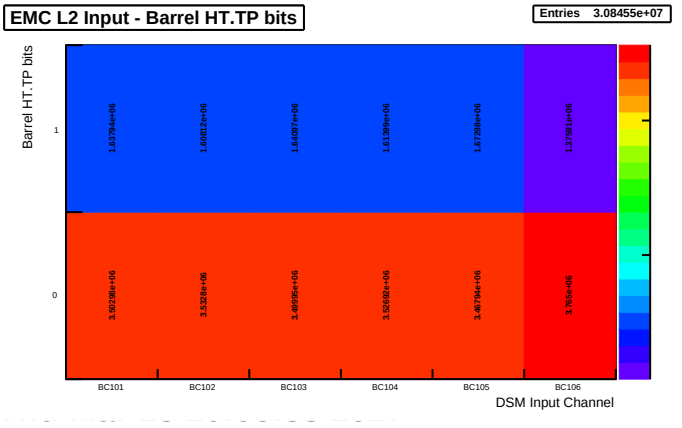

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

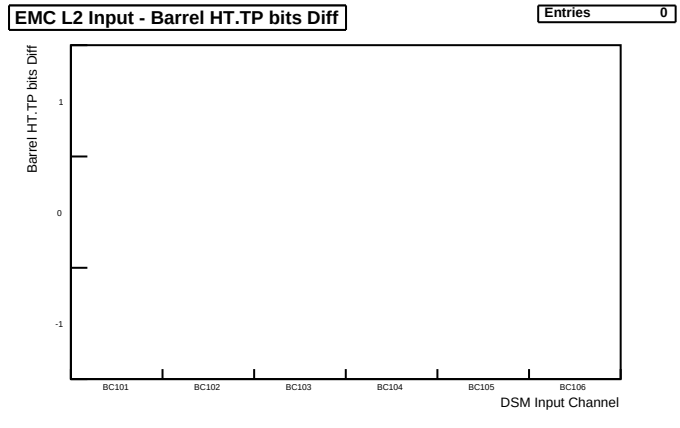

EMC L2 Input - BHT1 bits
Entries 3.08455e+07
BHT1
1
0
42918
45940
41003
46454
48875
33084
5.038e+06
5.09499e+06
5.09991e+06
5.09446e+06
5.09204e+06
5.10703e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

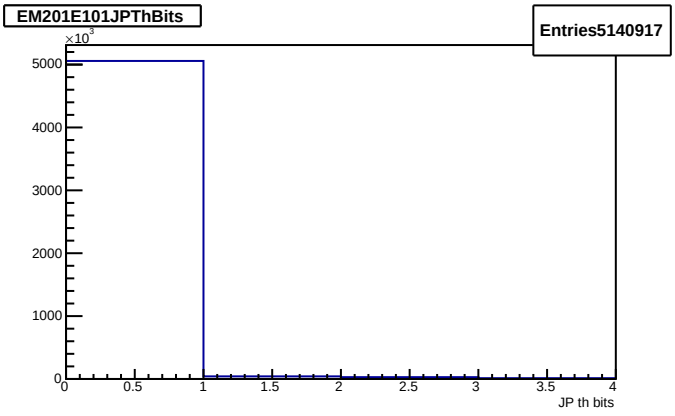

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

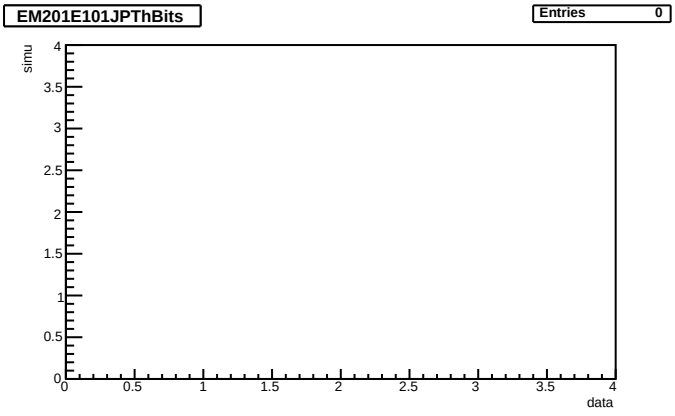

EMC L2 Input - BHT2 bits
Entries 3.08455e+07
BHT2
1
0
18267
19239
17310
19645
20488
14331
5.12655e+06
5.12165e+06
5.12361e+06
5.12127e+06
5.12043e+06
5.12669e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

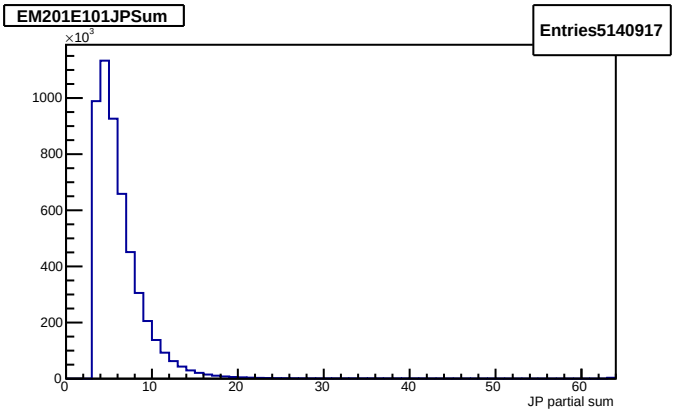

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

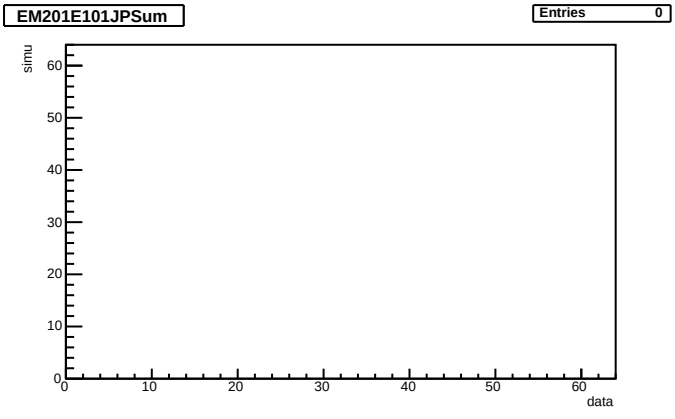

EMC L2 Input - Barrel HT.TP bits
Entries 3.08455e+07
Barrel HT.TP bits
1
0
1.63794e+06
1.60612e+06
1.64097e+06
1.61399e+06
1.67289e+06
1.37591e+06
3.50298e+06
3.5328e+06
3.49995e+06
3.52692e+06
3.46794e+06
3.765e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

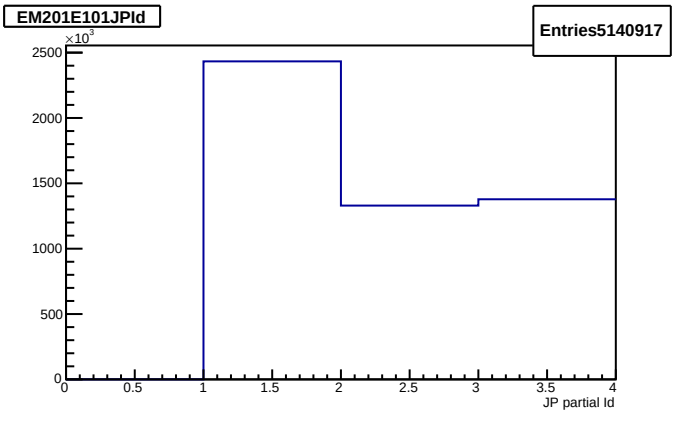

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

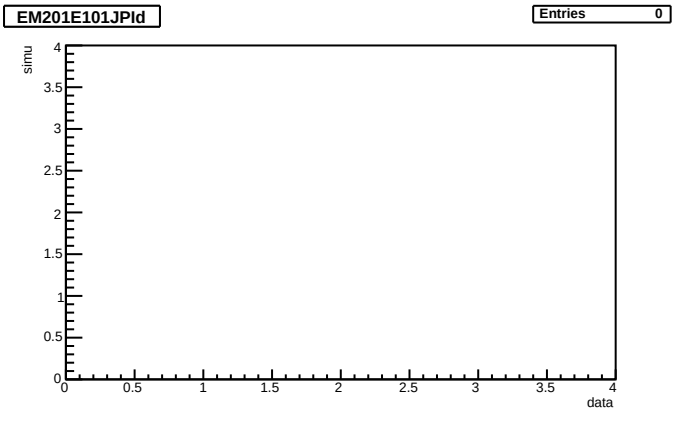

EM201E101JPThBits
Entries5140917
×10^3
JP th bits

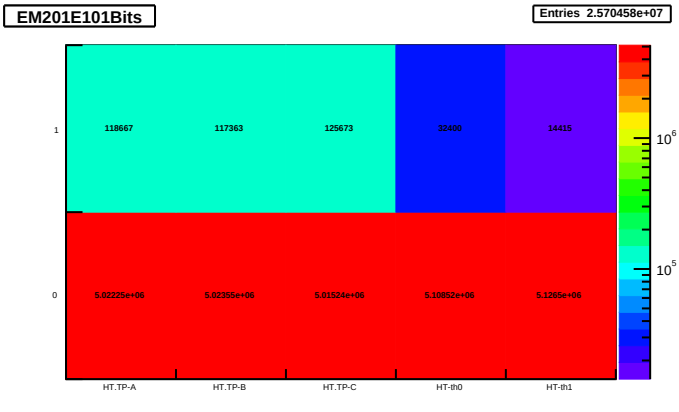

EM201E101JPThBits
Entries 0
simu
data

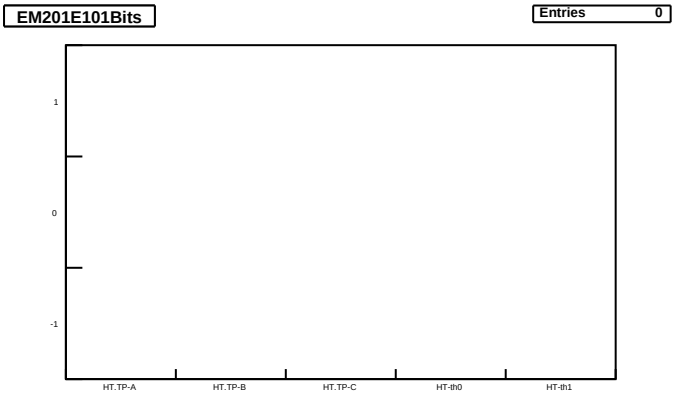

EM201E101JPSum
Entries5140917
×10^3
JP partial sum

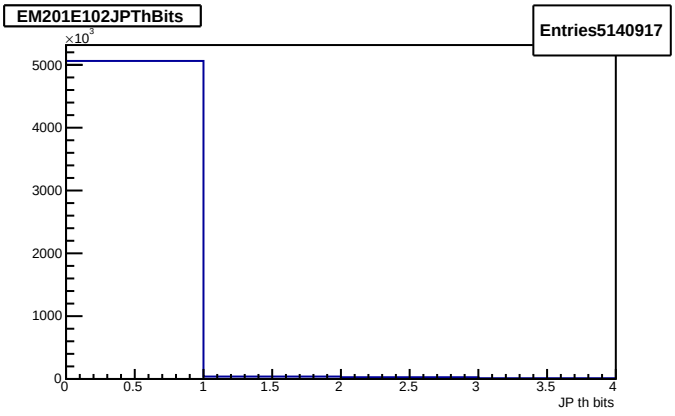

EM201E101JPSum
Entries 0
simu
data

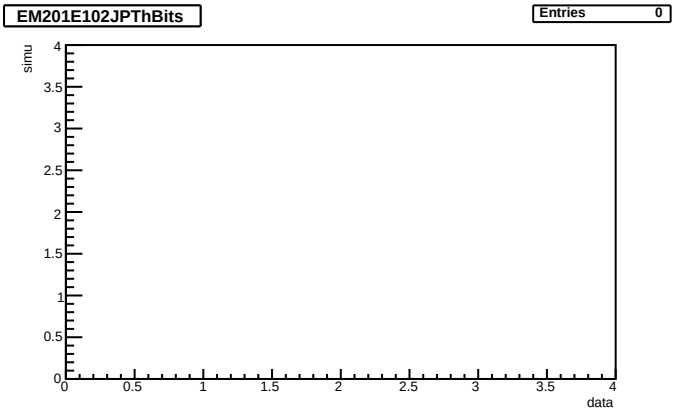

EM201E101JPId
Entries5140917
×10^3
JP partial Id

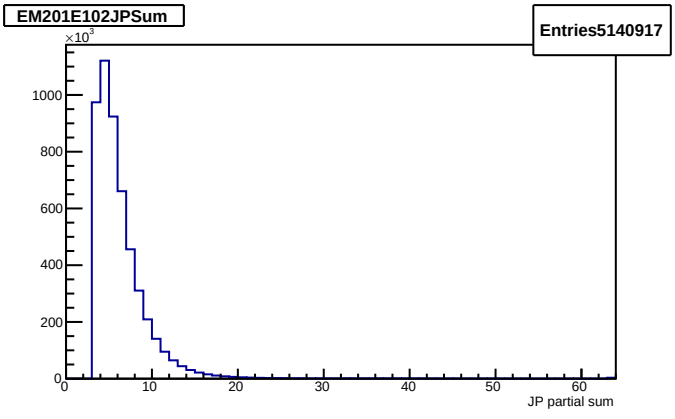

EM201E101JPId
Entries 0
simu
data

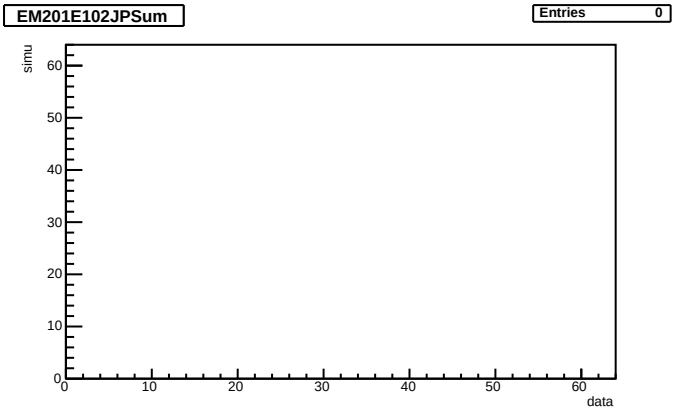

EM201E101Bits
Entries 2.570458e+07
118667
117363
125673
32400
14415
5.02225e+06
5.02355e+06
5.01524e+06
5.10852e+06
5.1265e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

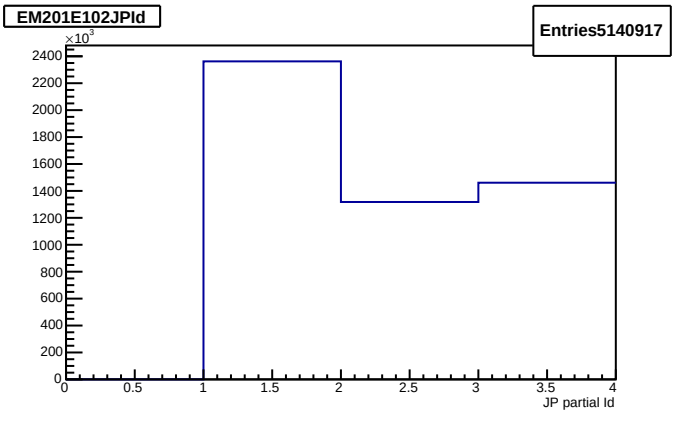

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

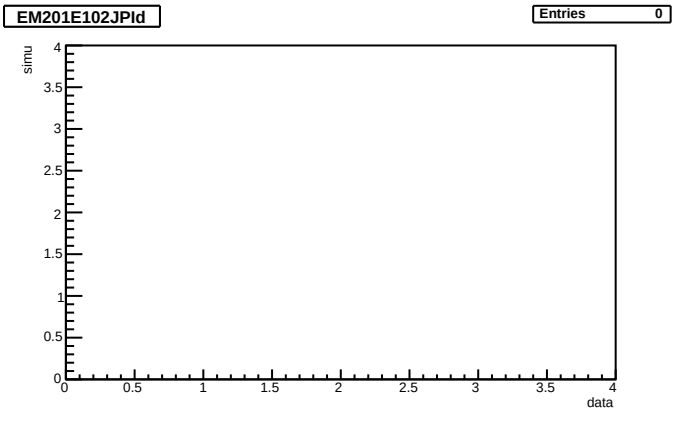

EM201E102JPThBits
Entries5140917
×10^3
JP th bits

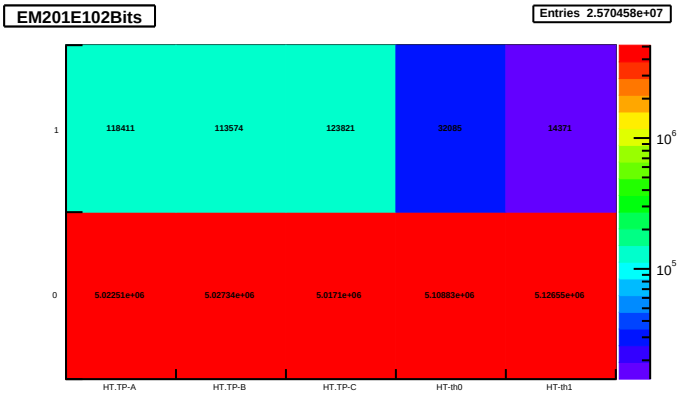

EM201E102JPThBits
Entries 0
simu
data

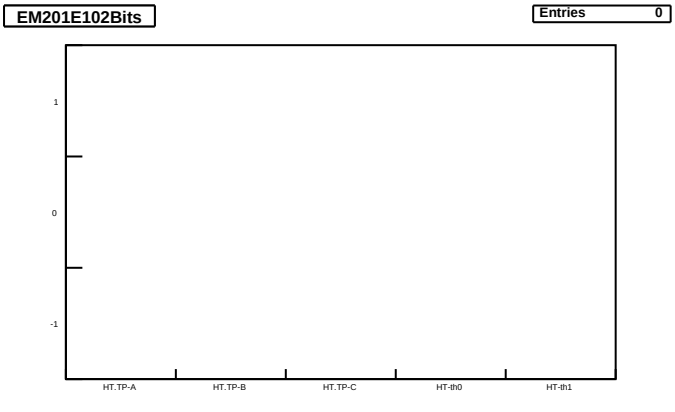

EM201E102JPSum
Entries5140917
×10^3
JP partial sum

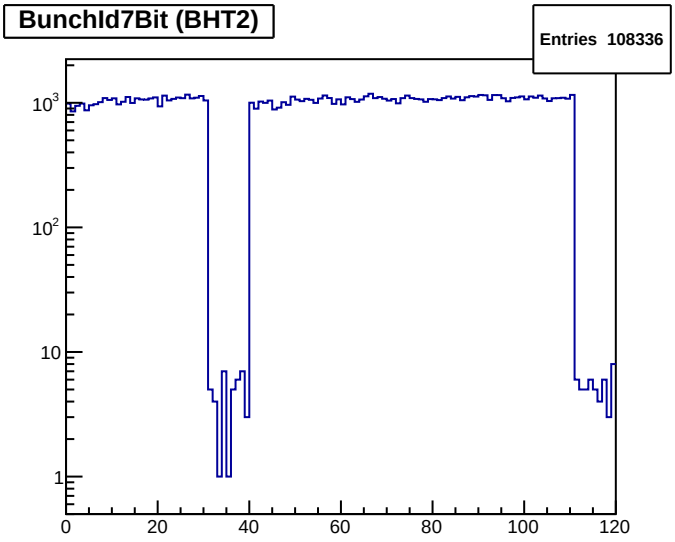

EM201E102JPSum
Entries 0
simu
data

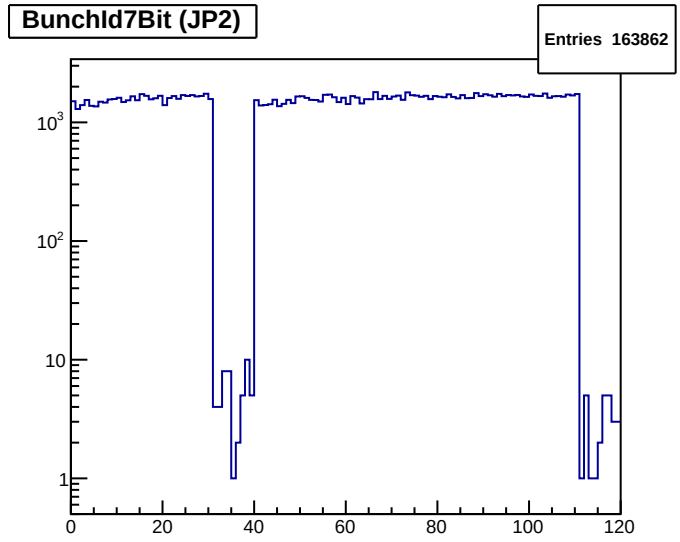

EM201E102JPId
Entries5140917
×10^3
JP partial Id

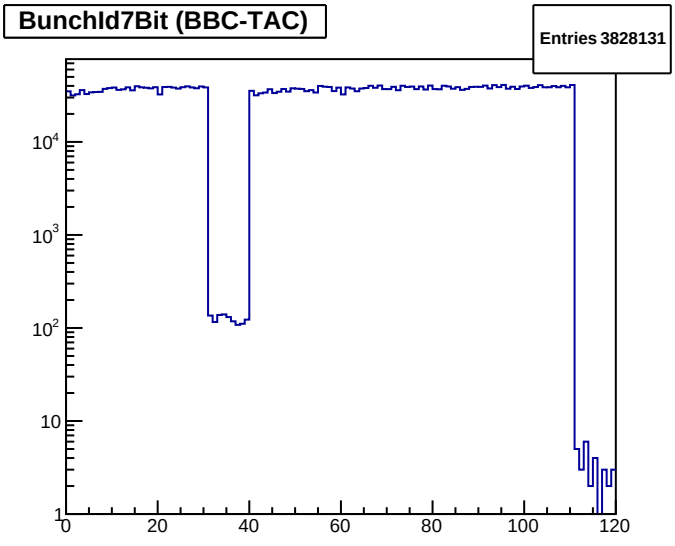

EM201E102JPId
Entries 0
simu
data

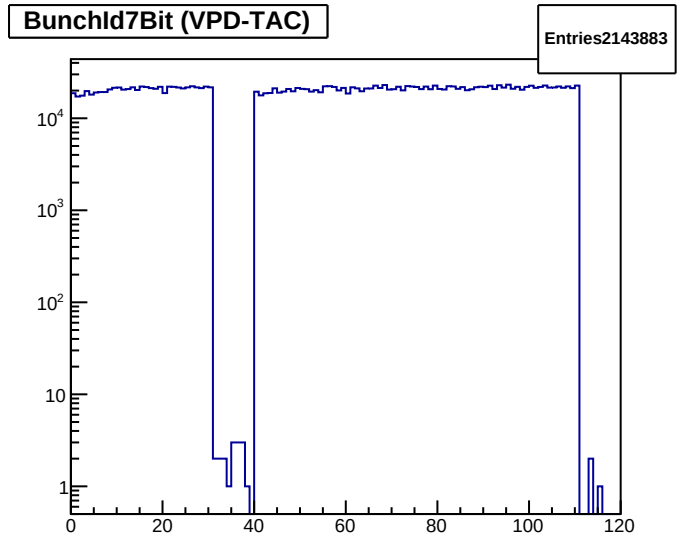

EM201E102Bits
Entries 2.570458e+07
118411
113574
123821
32085
14371
5.02251e+06
5.02734e+06
5.0171e+06
5.10883e+06
5.12655e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

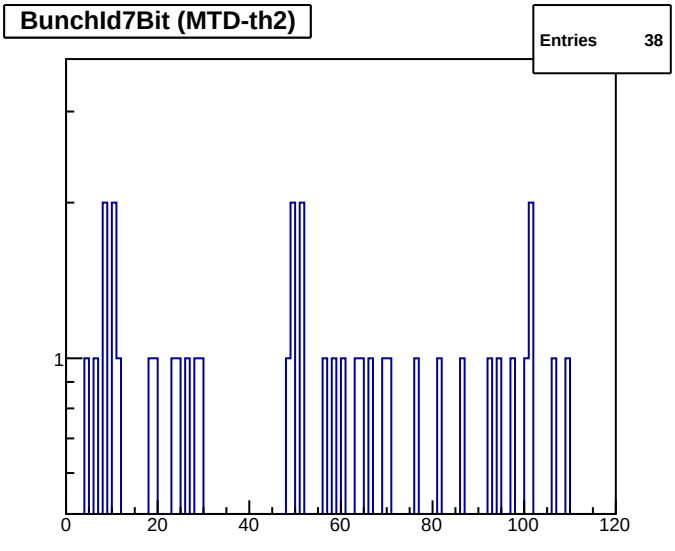

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

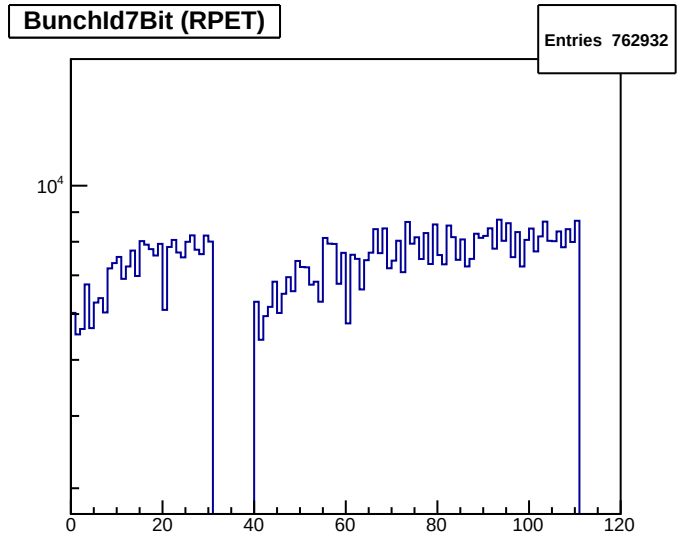

BunchId7Bit (BHT2)
Entries 108336
10^3
10^2
10
1
0
20
40
60
80
100
120

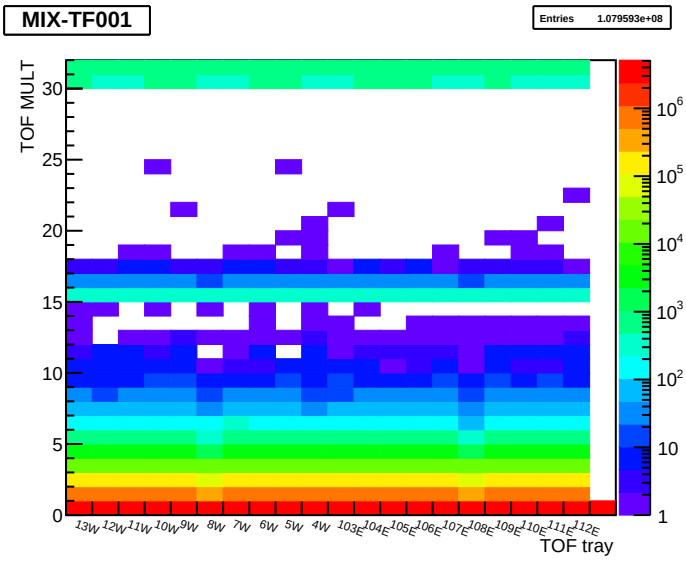

BunchId7Bit (JP2)
Entries 163862
10^3
10^2
10
1
0
20
40
60
80
100
120

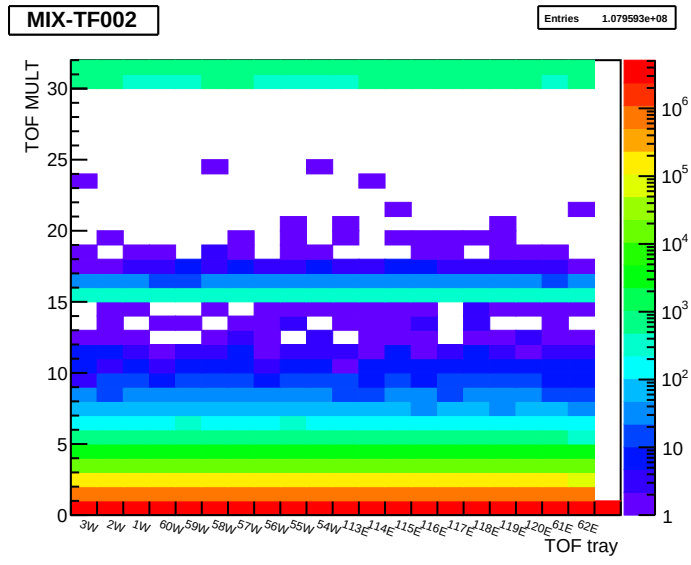

BunchId7Bit (BBC-TAC)
Entries 3828131
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

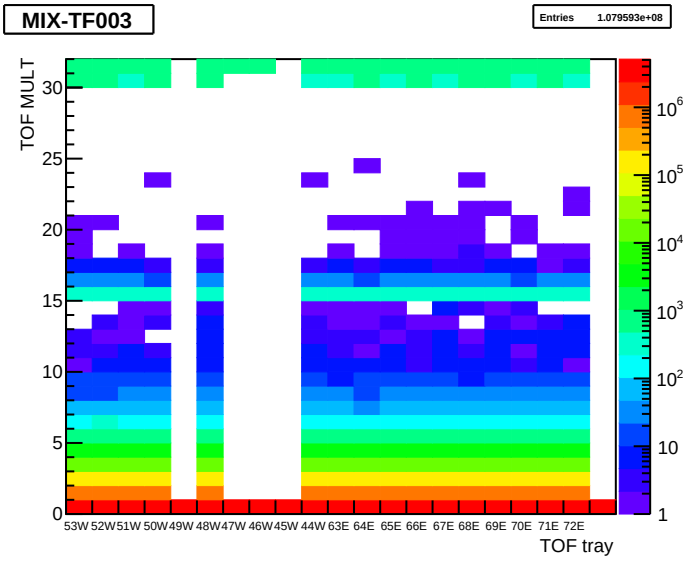

BunchId7Bit (VPD-TAC)
Entries2143883
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

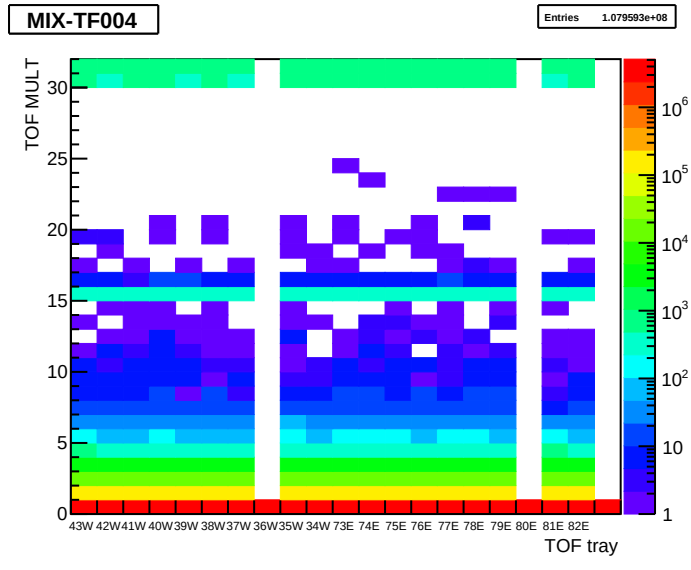

BunchId7Bit (MTD-th2)
Entries 38
1
0
20
40
60
80
100
120

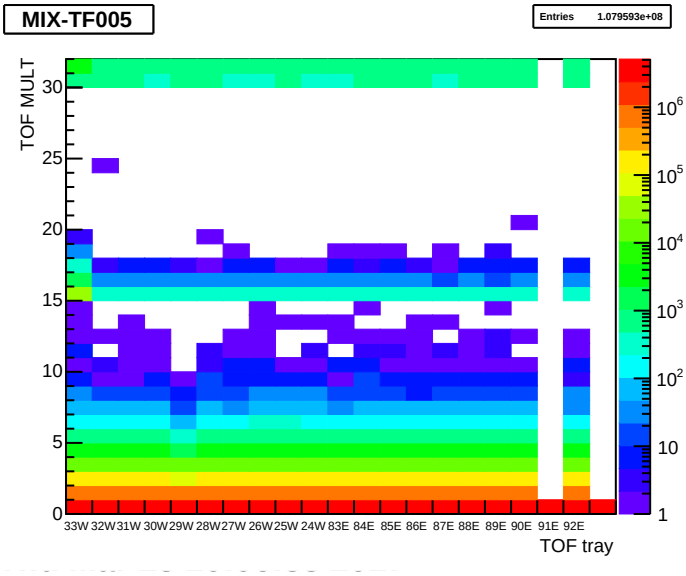

BunchId7Bit (RPET)
Entries 762932
10^4
0
20
40
60
80
100
120

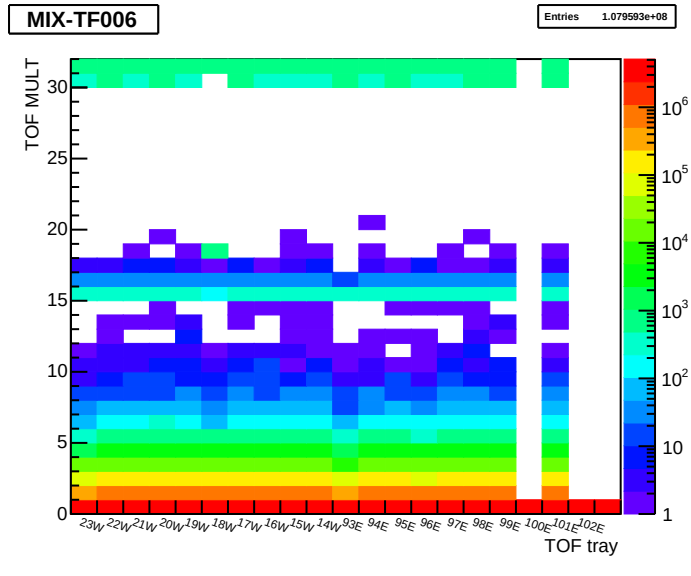

MIX-TF001
Entries 1.079593e+08
TOF MULT
TOF tray

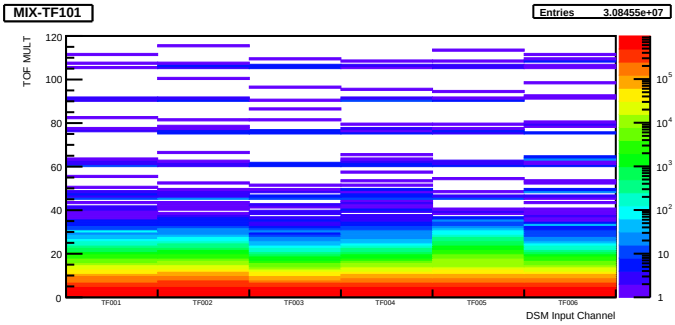

MIX-TF002
Entries 1.079593e+08
TOF MULT
TOF tray

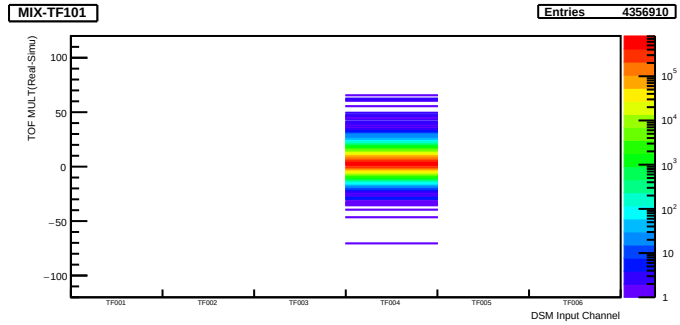

MIX-TF003
Entries 1.079593e+08
TOF MULT
TOF tray

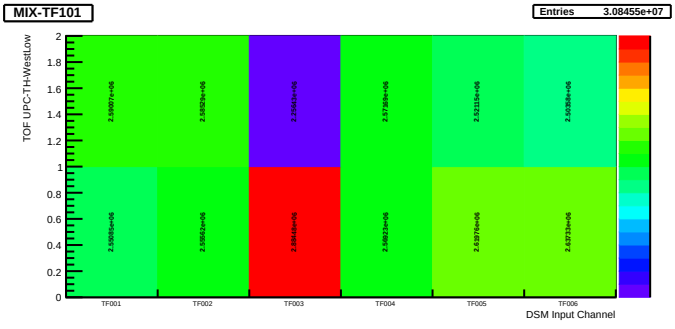

MIX-TF004
Entries 1.079593e+08
TOF MULT
TOF tray

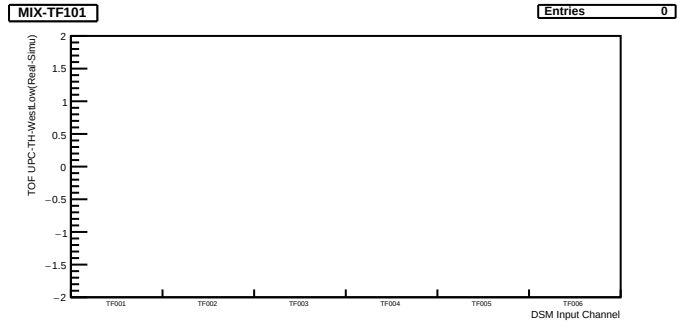

MIX-TF005
Entries 1.079593e+08
TOF MULT
TOF tray

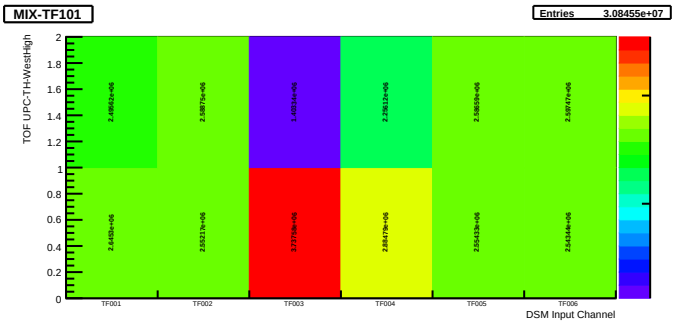

MIX-TF006
Entries 1.079593e+08
TOF MULT
TOF tray

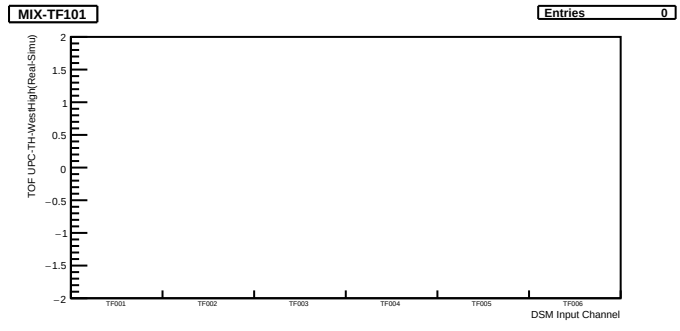

MIX-TF101
Entries 3.08455e+07
TOF MULT
DSM Input Channel

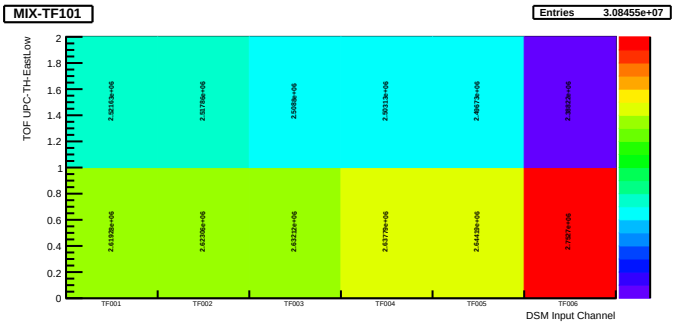

MIX-TF101
Entries 4356910
TOF MULT(Real-Simu)
DSM Input Channel

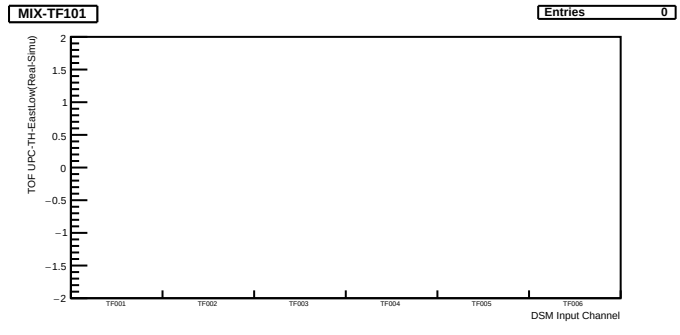

MIX-TF101
Entries 3.08455e+07
TOF UPC-TH-WestLow
DSM Input Channel

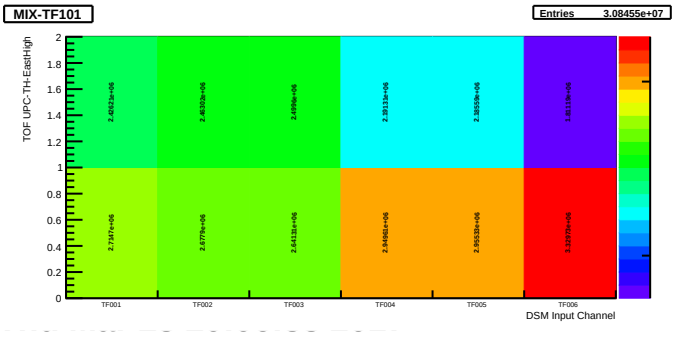

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

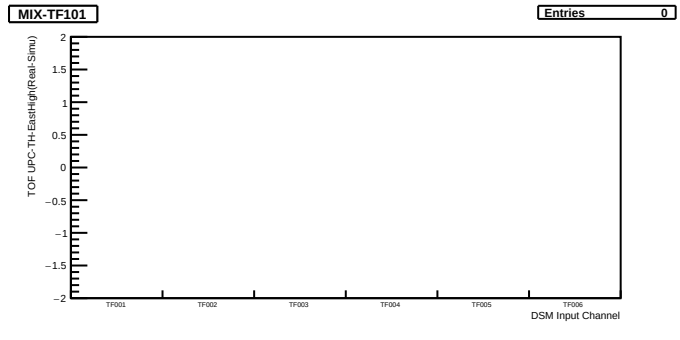

MIX-TF101
Entries 3.08455e+07
TOF UPC-TH-WestHigh
DSM Input Channel

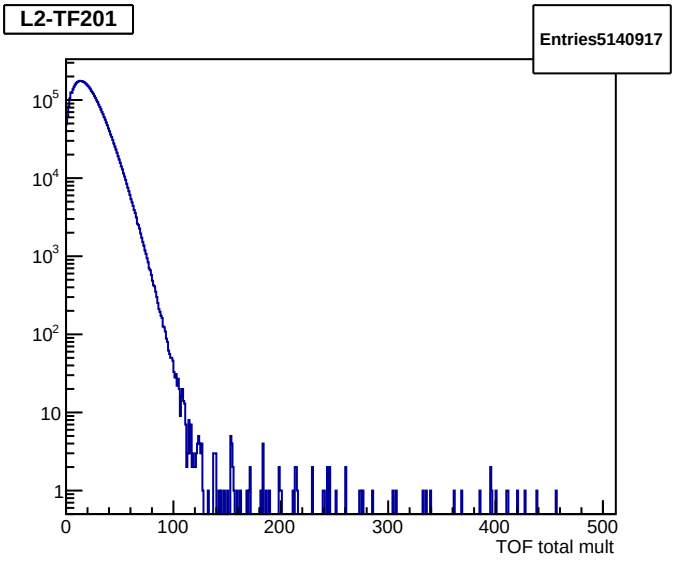

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

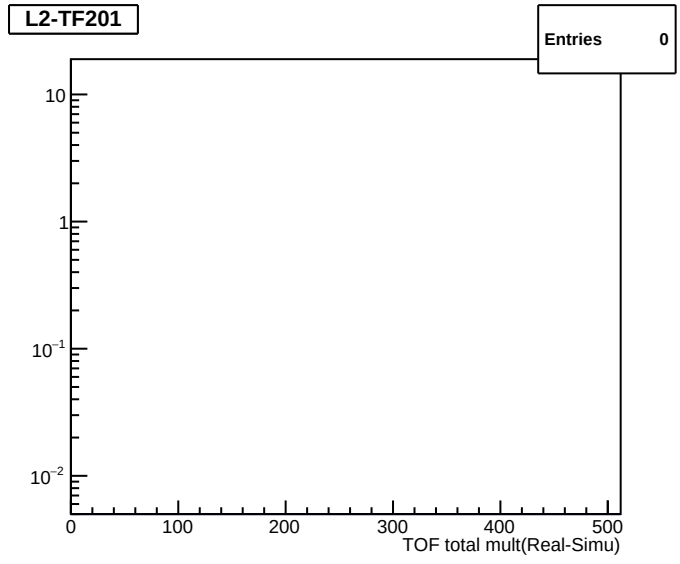

MIX-TF101
Entries 3.08455e+07
TOF UPC-TH-EastLow
DSM Input Channel

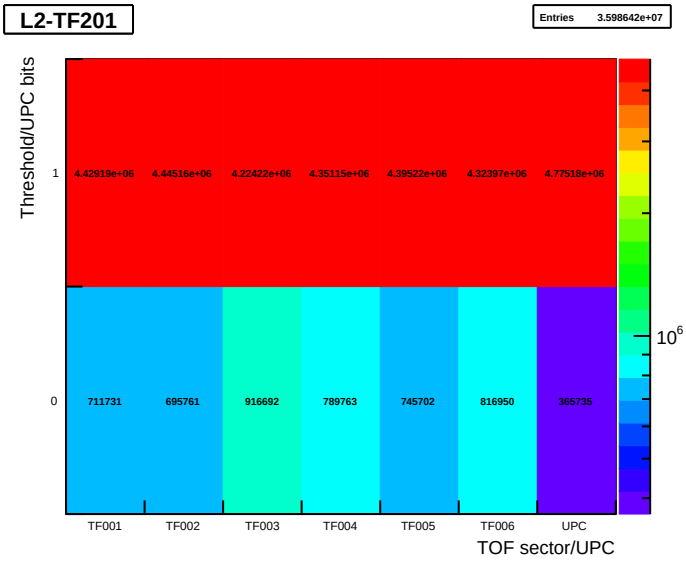

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

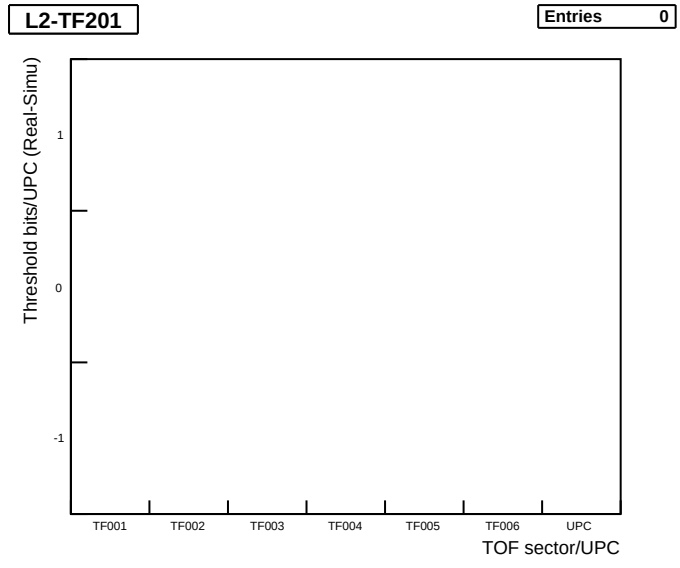

MIX-TF101
Entries 3.08455e+07
TOF UPC-TH-EastHigh
DSM Input Channel

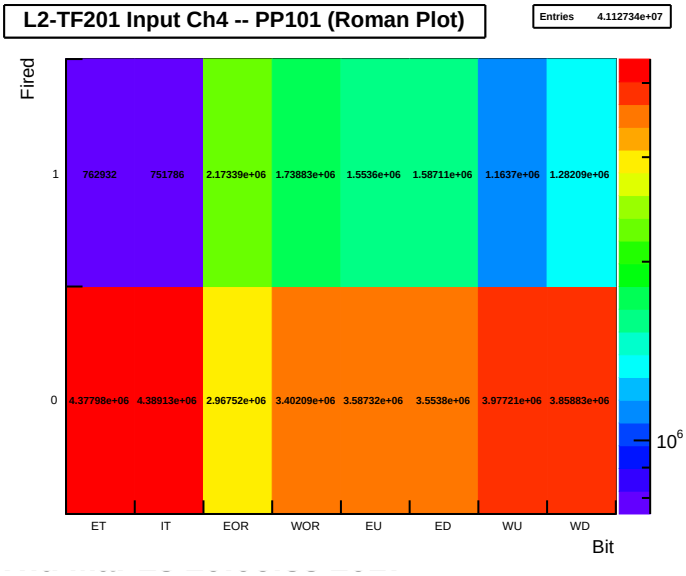

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

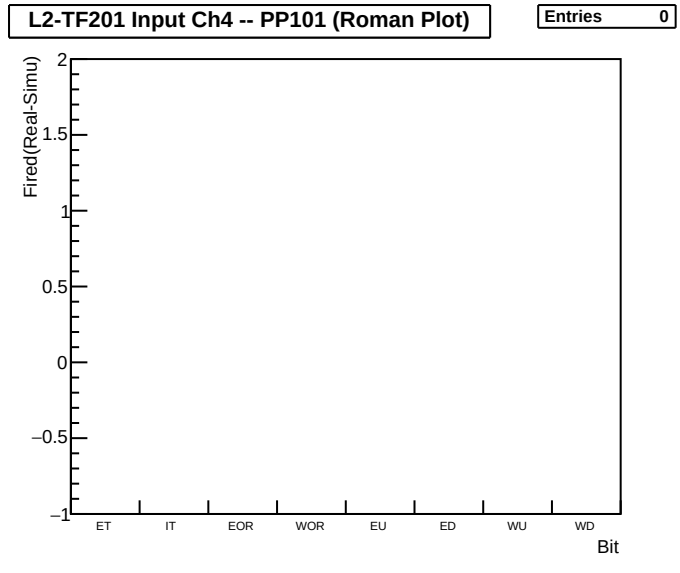

L2-TF201
Entries5140917
TOF total mult

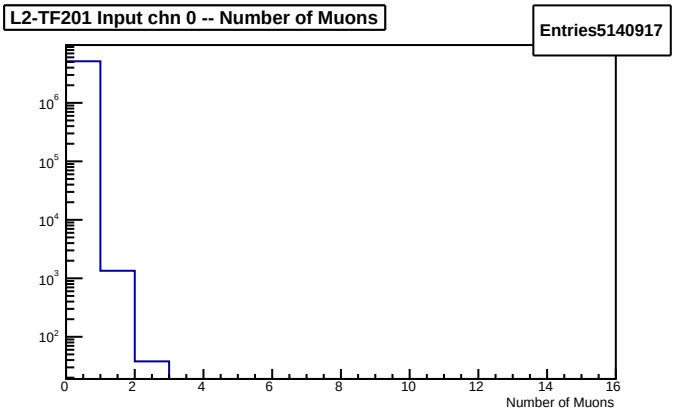

L2-TF201
Entries 0
TOF total mult(Real-Simu)

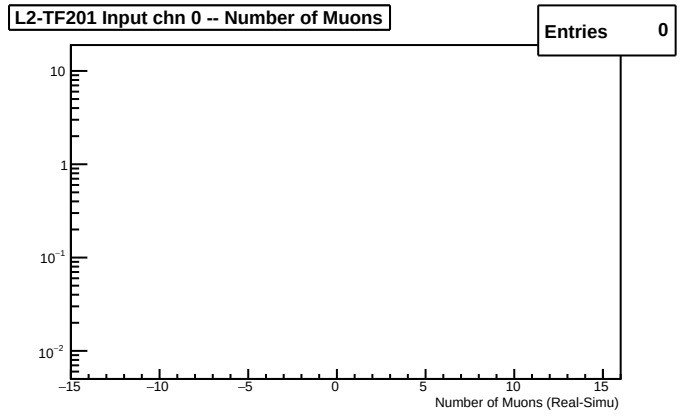

L2-TF201
Entries 3.598642e+07
Threshold/UPC bits
4.42919e+06
4.44516e+06
4.22422e+06
4.35115e+06
4.39522e+06
4.32397e+06
4.77518e+06
711731
695761
916692
789763
745702
816950
365735
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

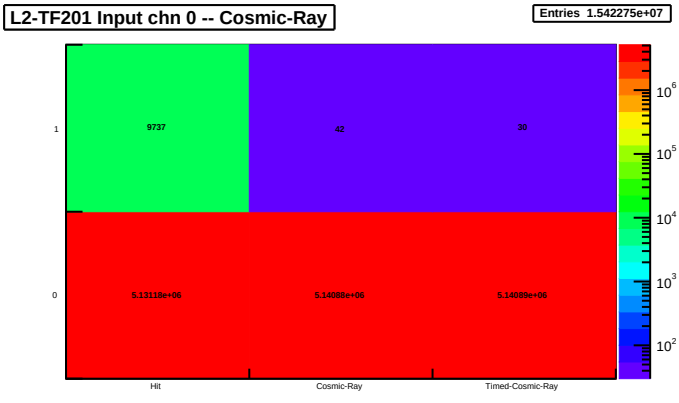

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

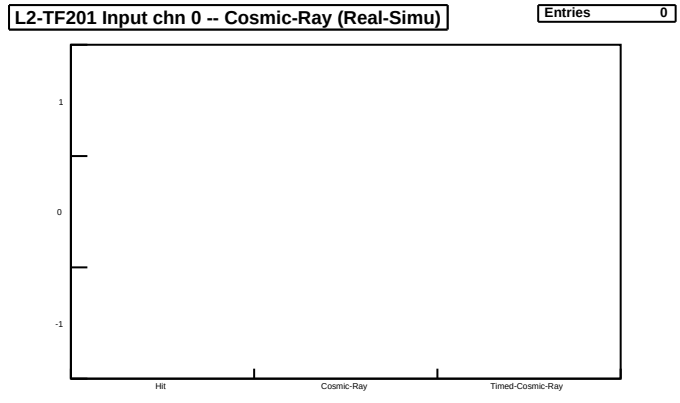

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.112734e+07
Fired
762932
751786
2.17339e+06
1.73883e+06
1.5536e+06
1.58711e+06
1.1637e+06
1.28209e+06
4.37798e+06
4.38913e+06
2.96752e+06
3.40209e+06
3.58732e+06
3.5538e+06
3.97721e+06
3.85883e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

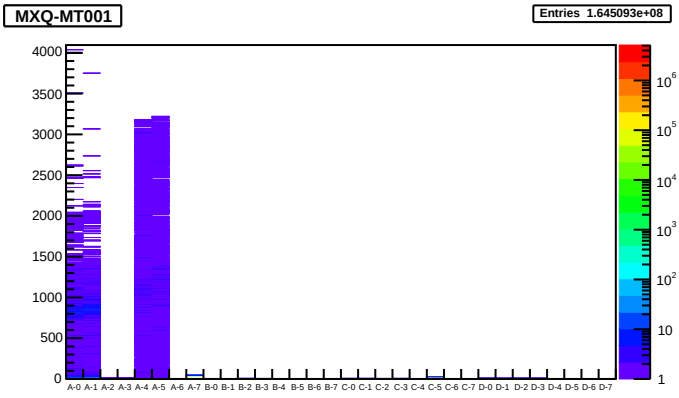

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

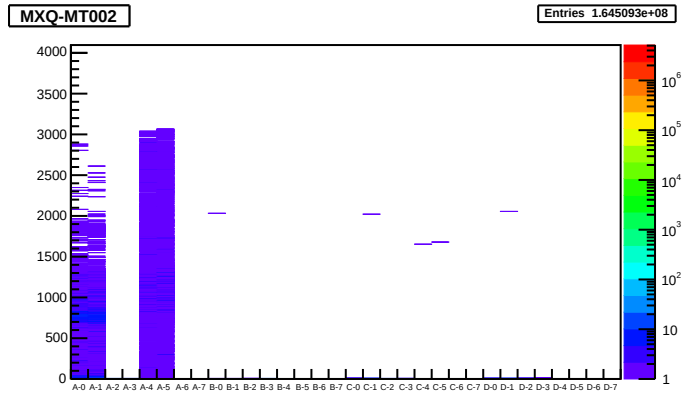

L2-TF201 Input chn 0 -- Number of Muons
Entries5140917
Number of Muons

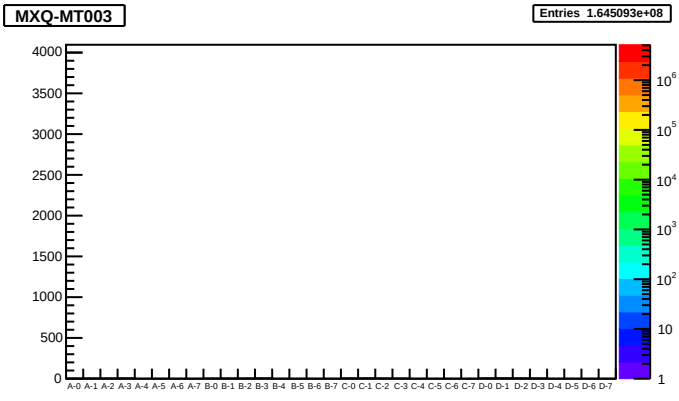

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

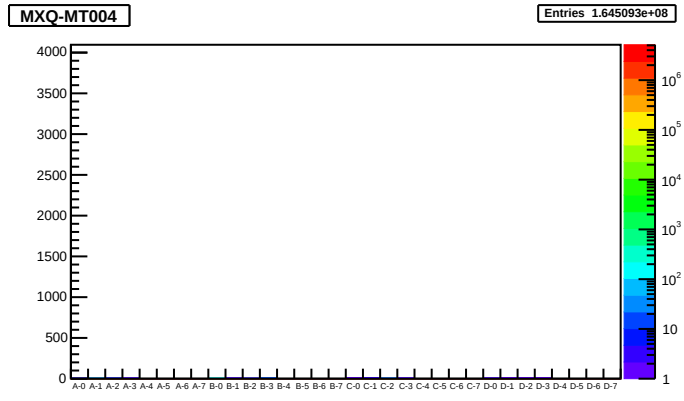

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.542275e+07
9737
42
30
5.13118e+06
5.14088e+06
5.14089e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

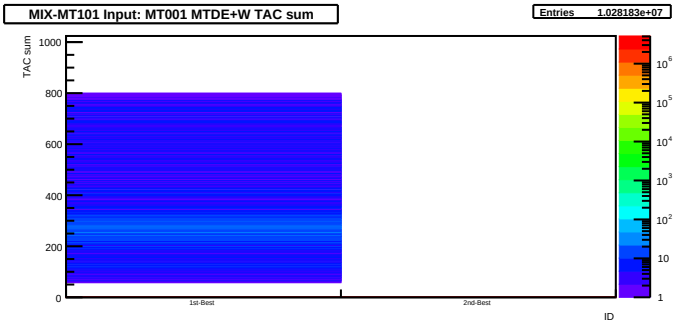

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

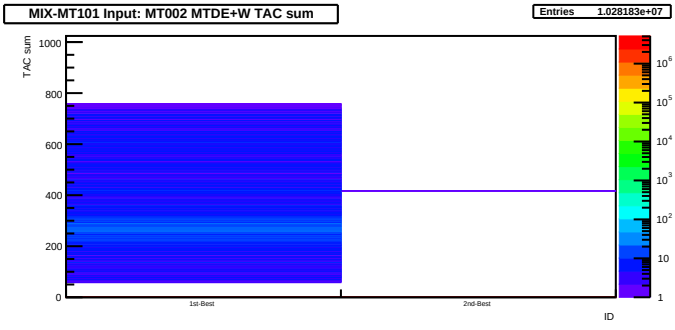

MXQ-MT001
Entries 1.645093e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

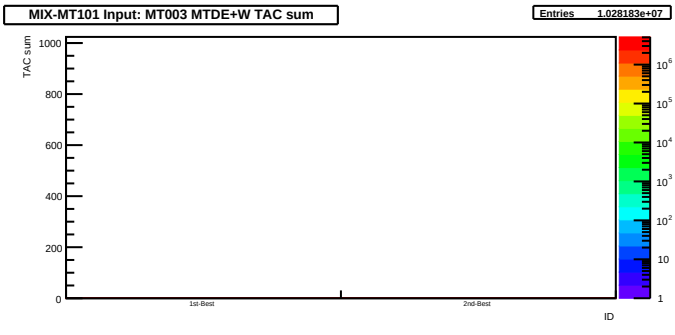

MXQ-MT002
Entries 1.645093e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

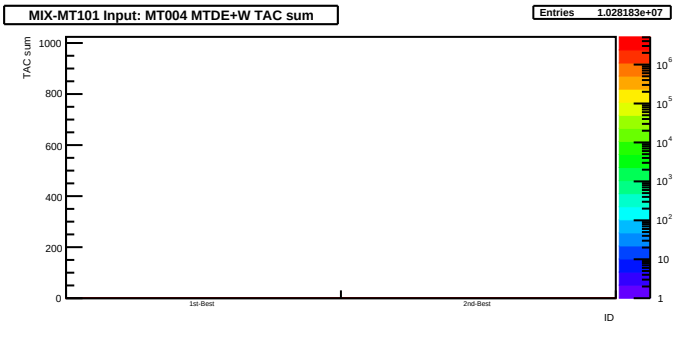

MXQ-MT003
Entries 1.645093e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

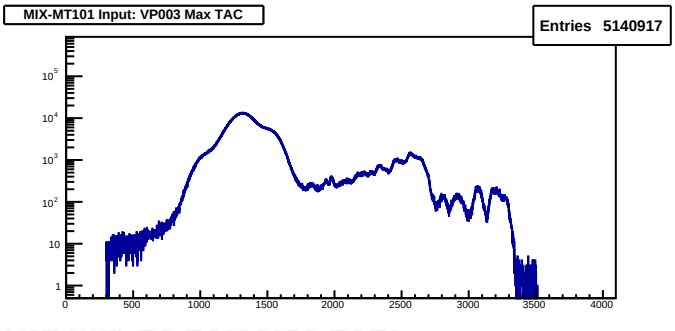

MXQ-MT004
Entries 1.645093e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

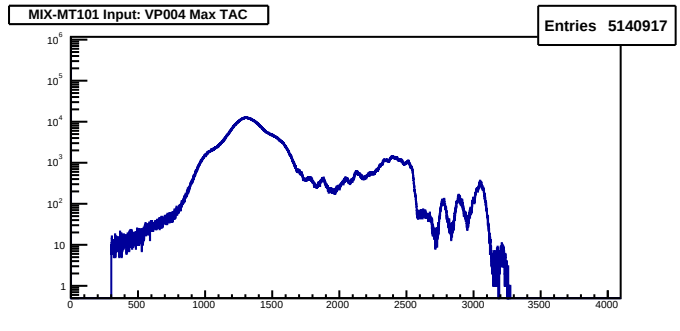

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.028183e+07
TAC sum
1st-Best
2nd-Best
ID

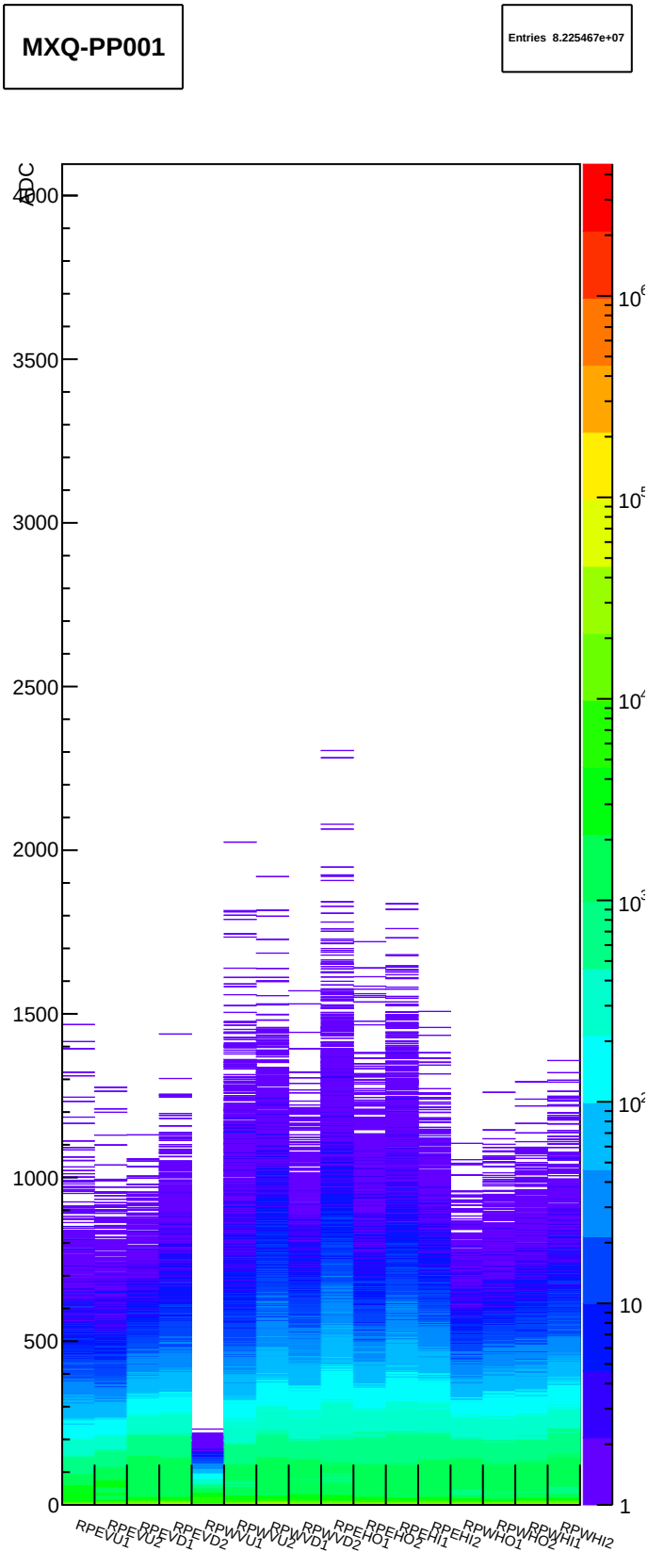

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.028183e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.028183e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.028183e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 5140917


MIX-MT101 Input: VP004 Max TAC
Entries 5140917


MXQ-PP001
Entries 8.225467e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
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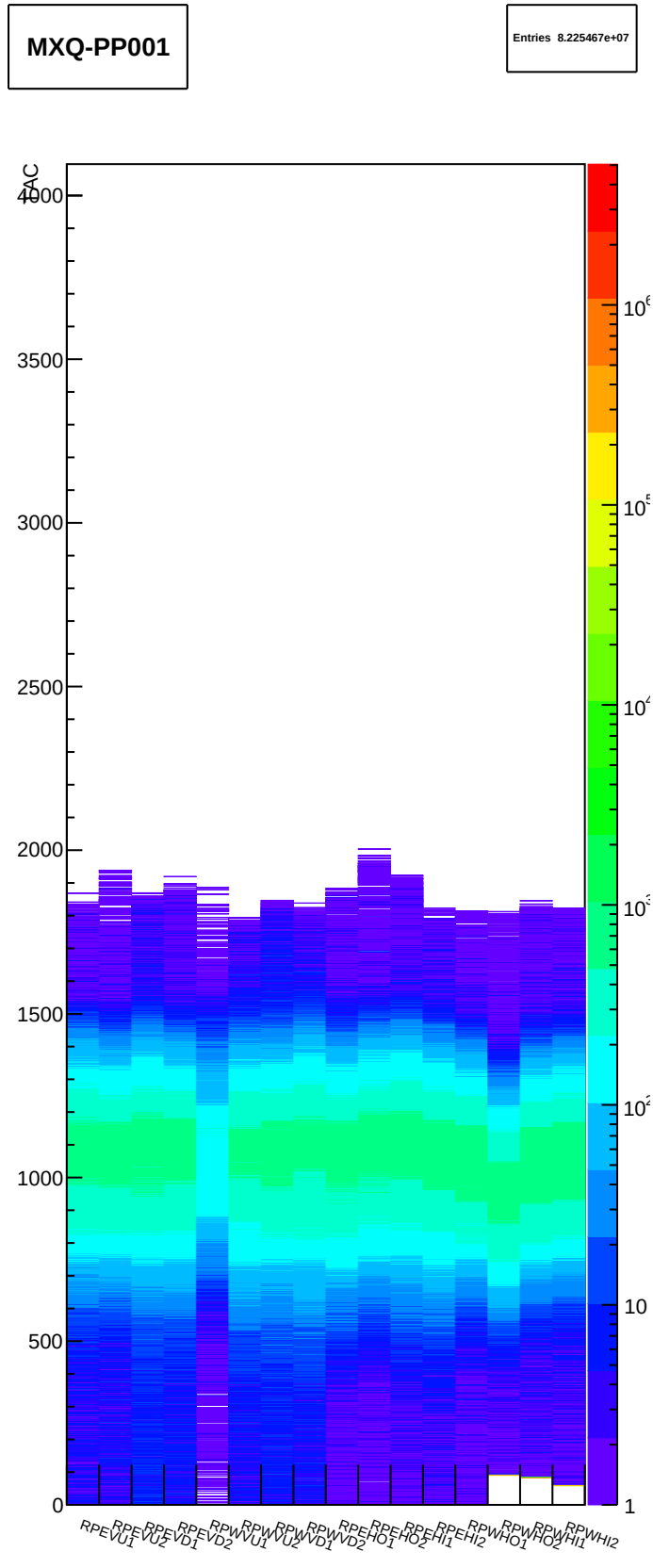
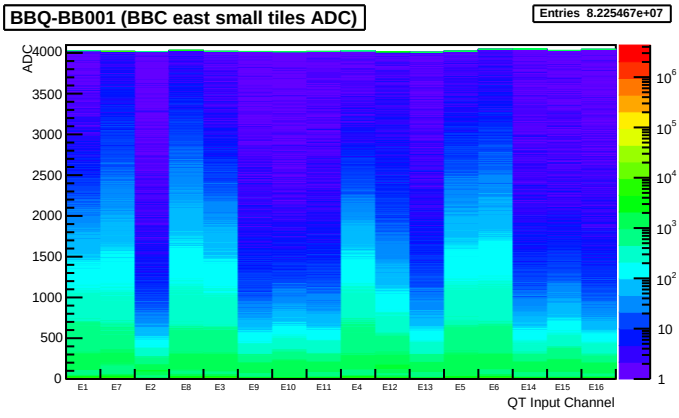
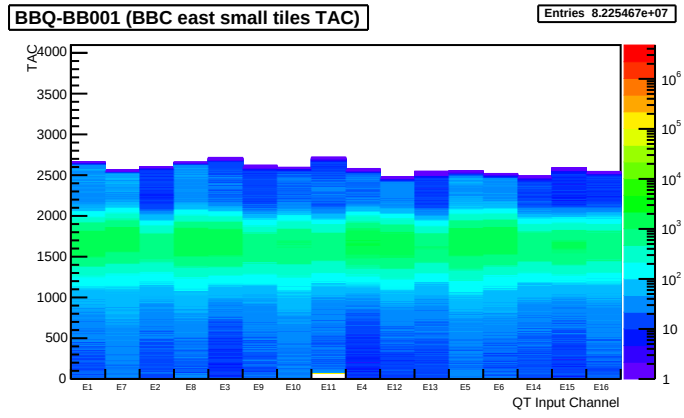
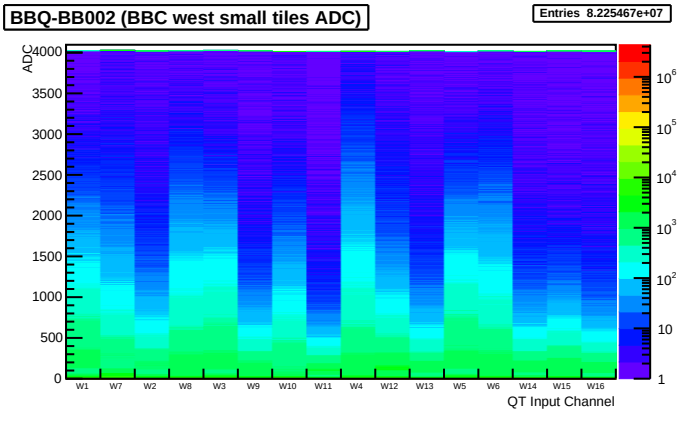
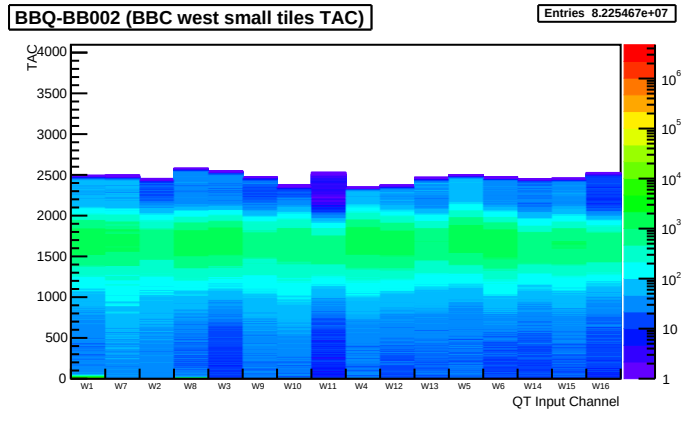
10^5
10^4
10^3
10^2
10
1

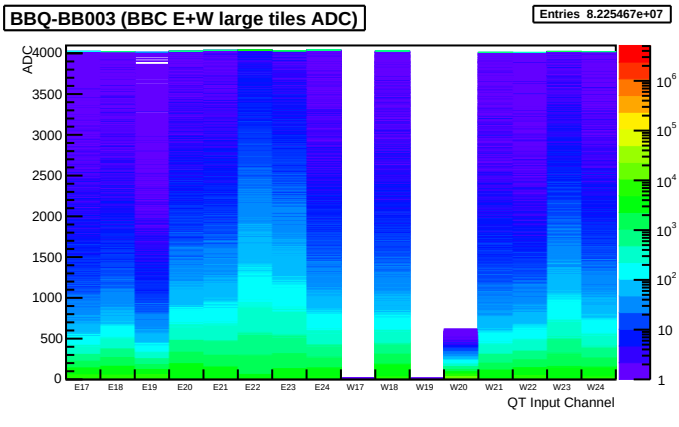

MXQ-PP001
Entries 8.225467e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

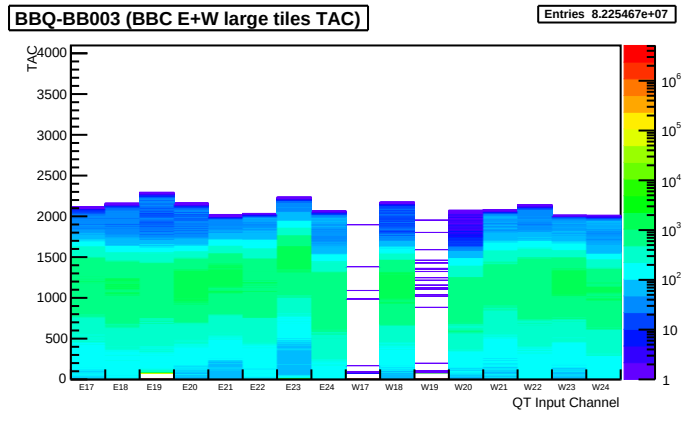

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.225467e+07
ADC
QT Input Channel

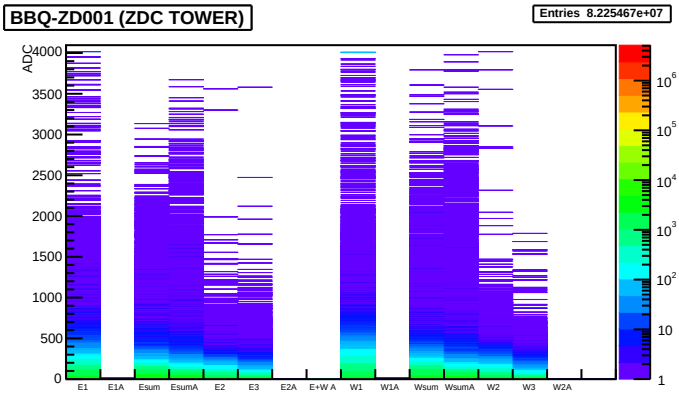

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.225467e+07
TAC
QT Input Channel

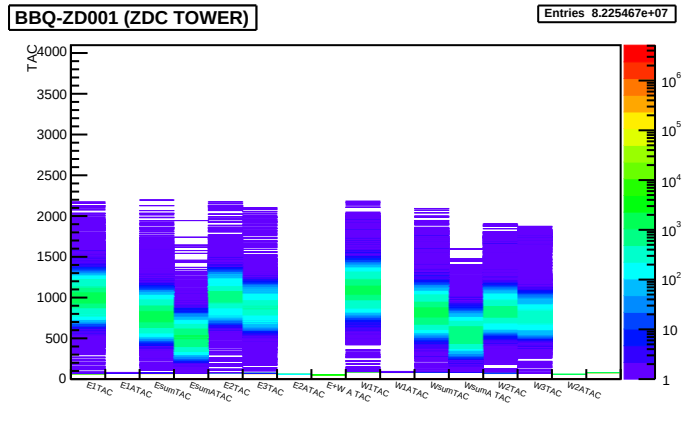

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.225467e+07
ADC
QT Input Channel

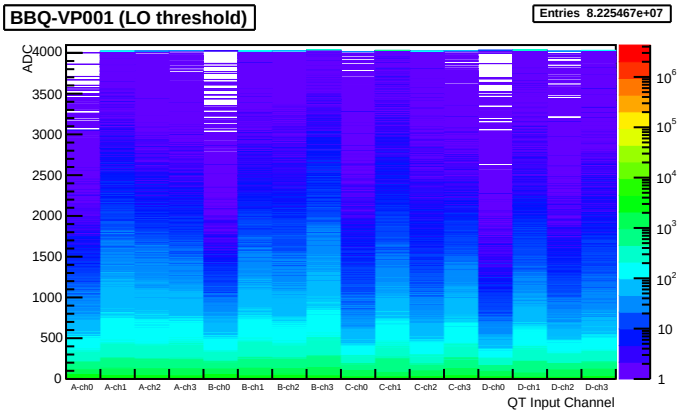

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.225467e+07
TAC
QT Input Channel

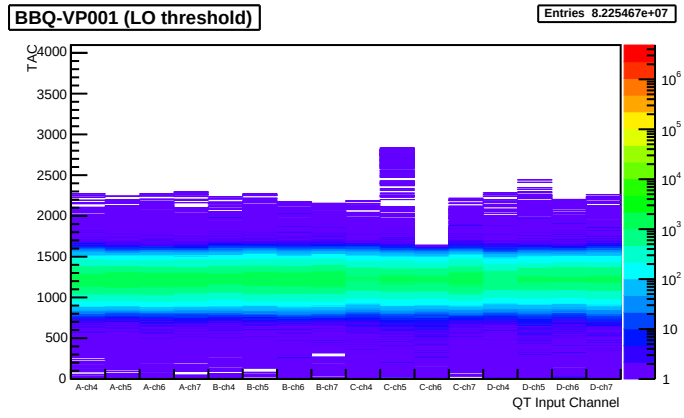

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.225467e+07
ADC
QT Input Channel

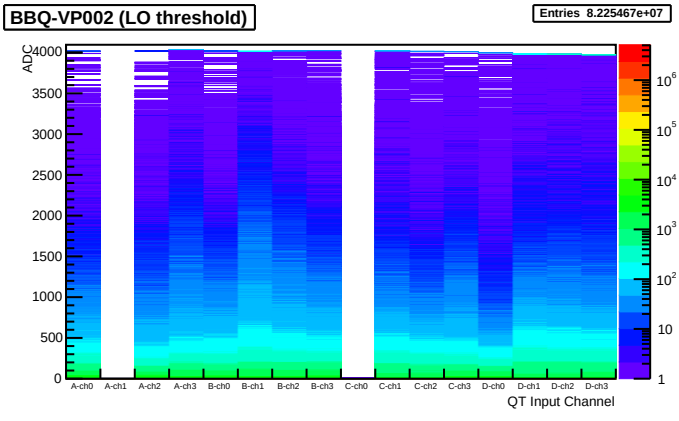

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.225467e+07
TAC
QT Input Channel

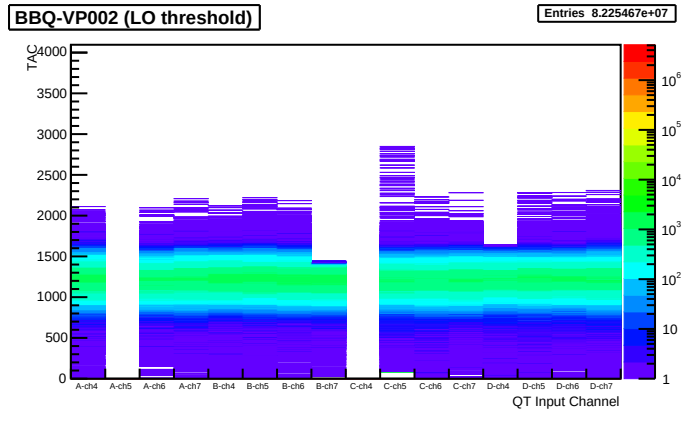

BBQ-ZD001 (ZDC TOWER)
Entries 8.225467e+07
ADC

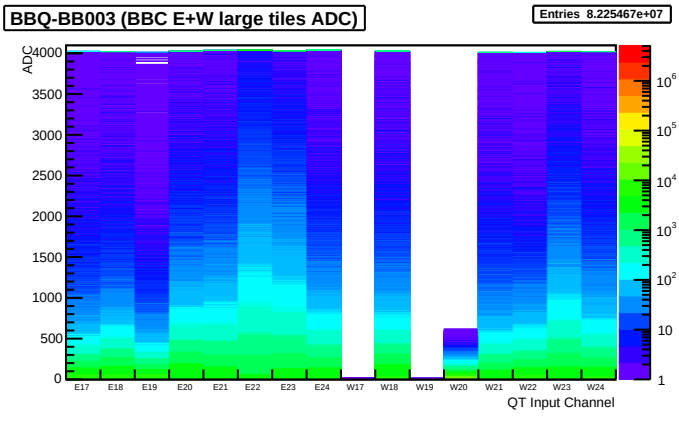

BBQ-ZD001 (ZDC TOWER)
Entries 8.225467e+07
TAC

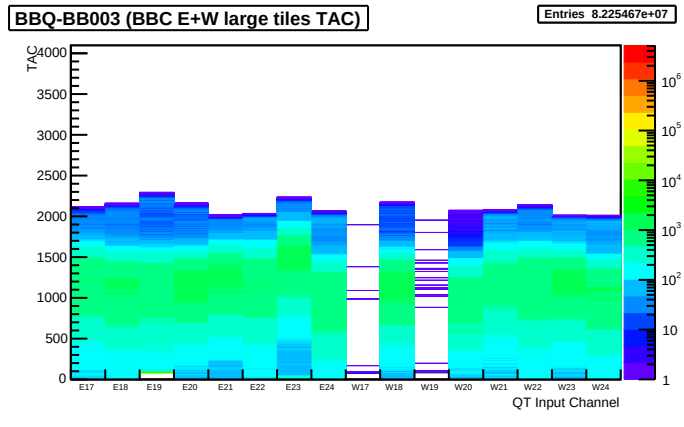

BBQ-VP001 (LO threshold)
Entries 8.225467e+07
ADC
QT Input Channel

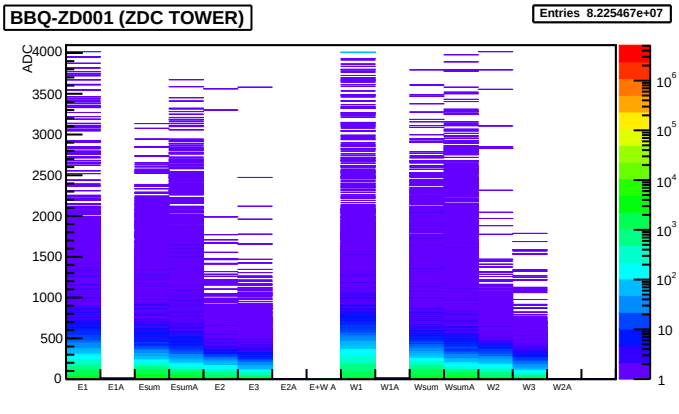

BBQ-VP001 (LO threshold)
Entries 8.225467e+07
TAC
QT Input Channel

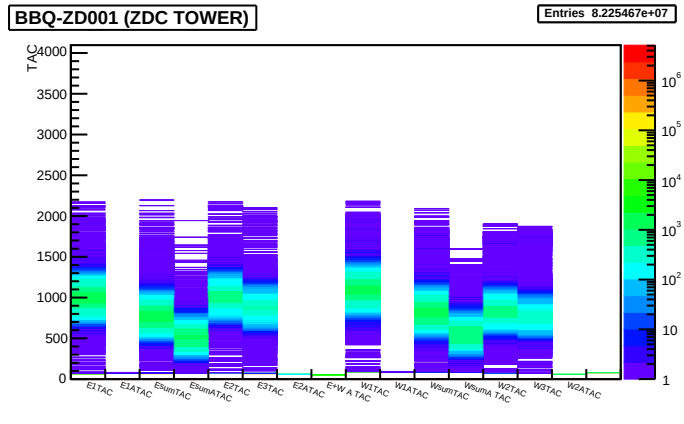

BBQ-VP002 (LO threshold)
Entries 8.225467e+07
ADC
QT Input Channel

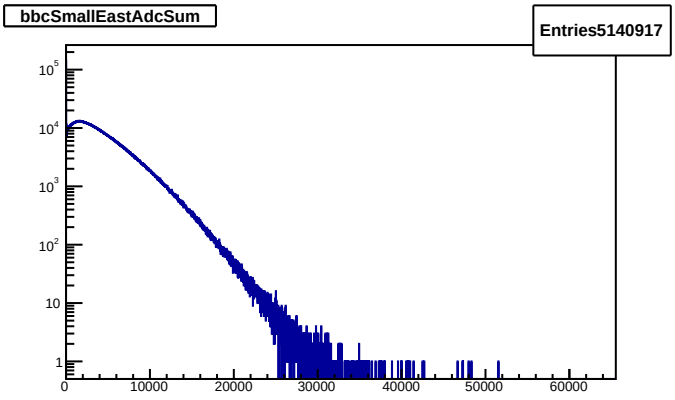

BBQ-VP002 (LO threshold)
Entries 8.225467e+07
TAC
QT Input Channel

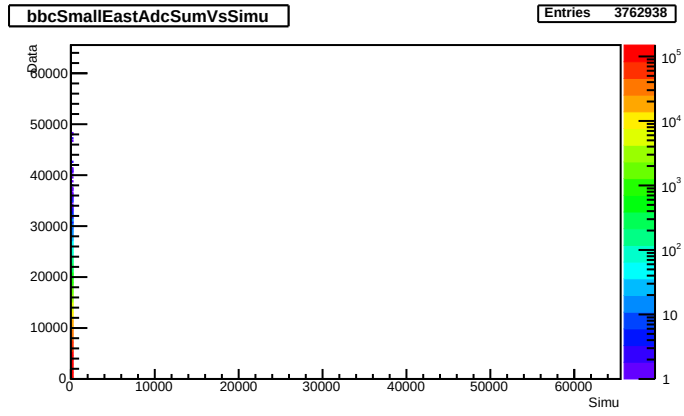

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.225467e+07
ADC
QT Input Channel

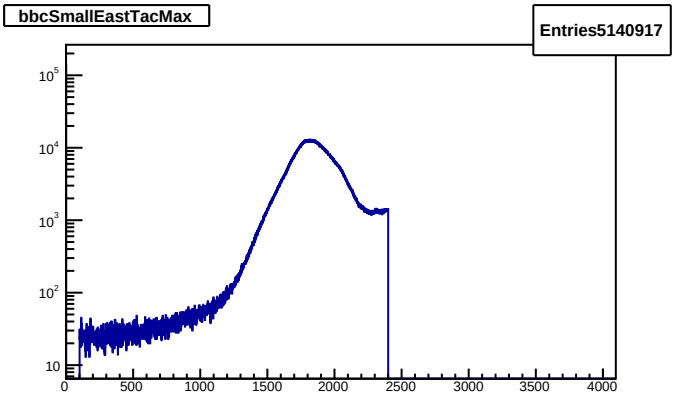

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.225467e+07
TAC
QT Input Channel

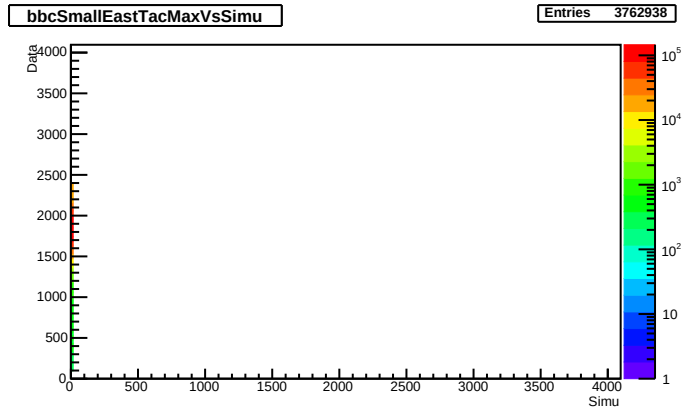

BBQ-ZD001 (ZDC TOWER)
Entries 8.225467e+07
ADC

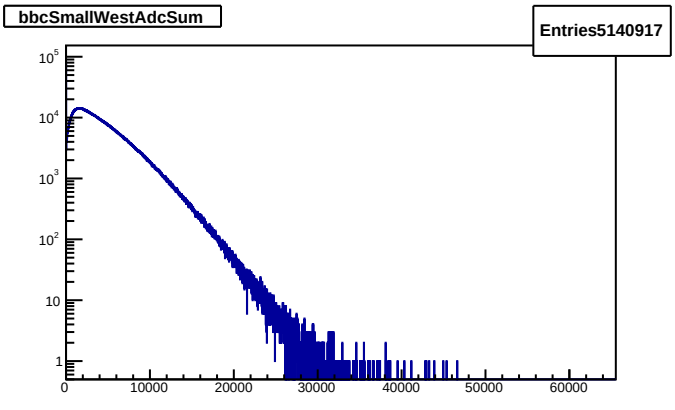

BBQ-ZD001 (ZDC TOWER)
Entries 8.225467e+07
TAC

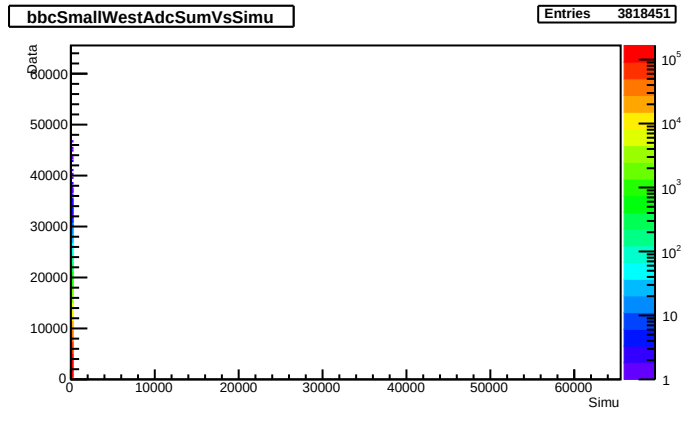

bbcSmallEastAdcSum
Entries5140917

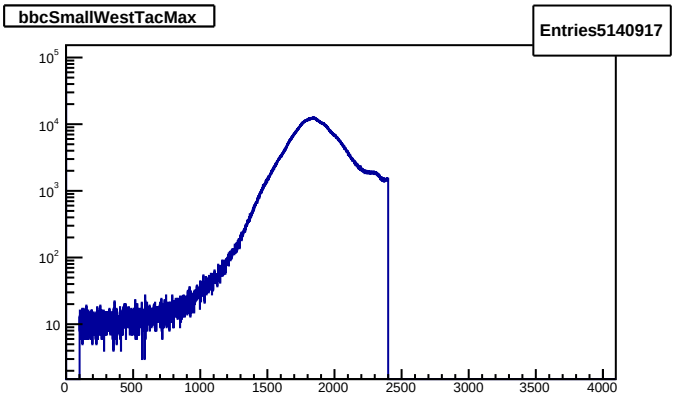

bbcSmallEastAdcSumVsSimu
Entries 3762938
Data
Simu

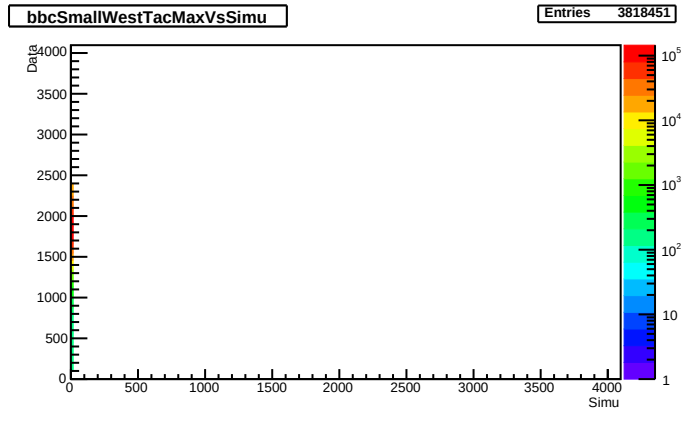

bbcSmallEastTacMax
Entries5140917

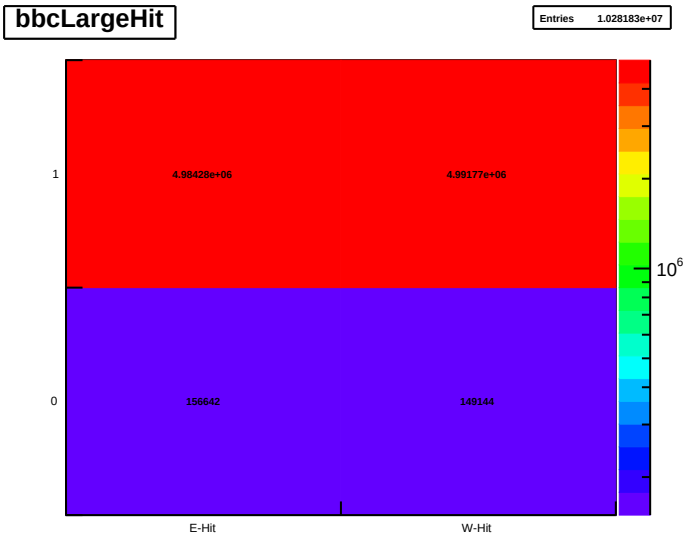

bbcSmallEastTacMaxVsSimu
Entries 3762938
Data
Simu

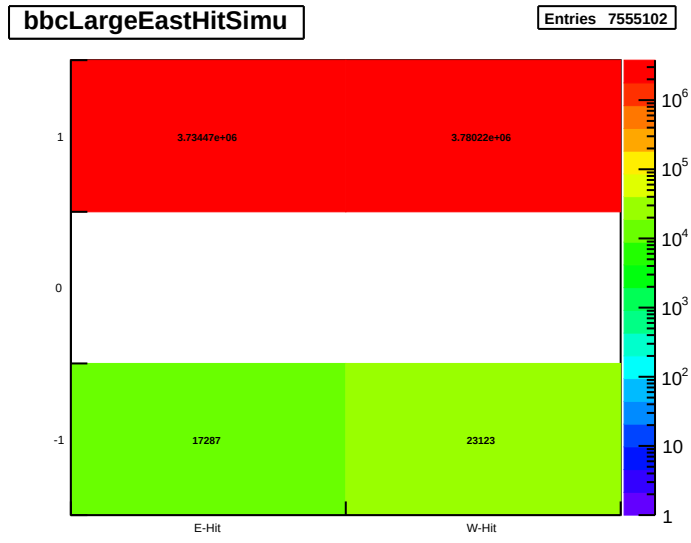

bbcSmallWestAdcSum
Entries5140917

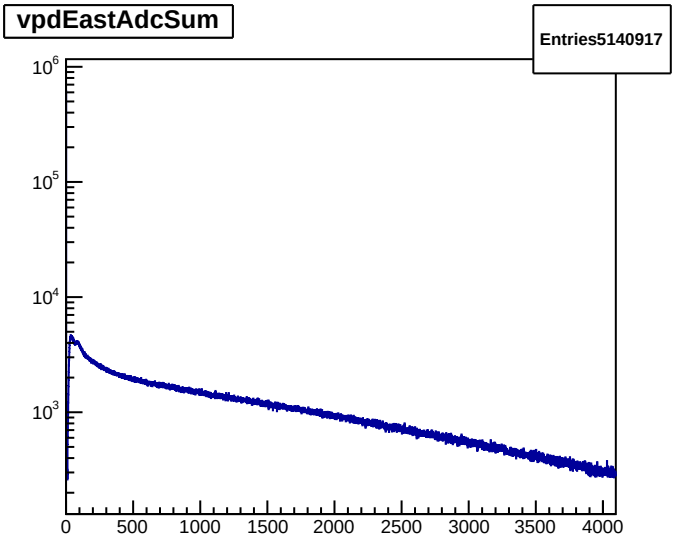

bbcSmallWestAdcSumVsSimu
Entries 3818451
Data
Simu

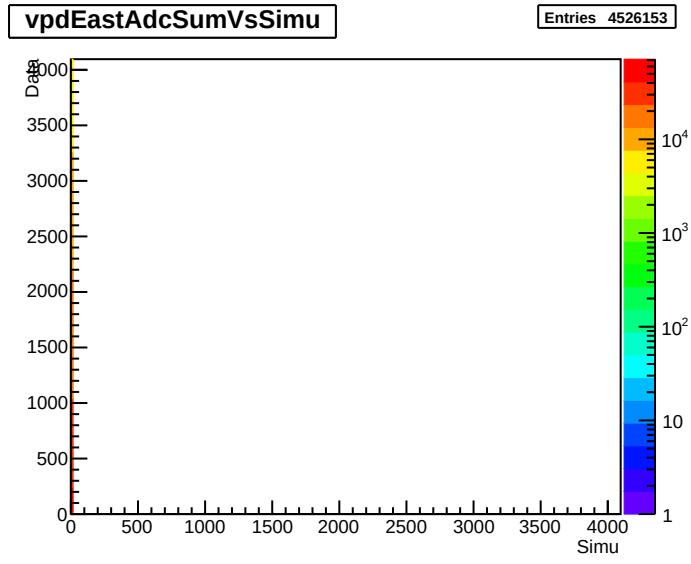

bbcSmallWestTacMax
Entries5140917

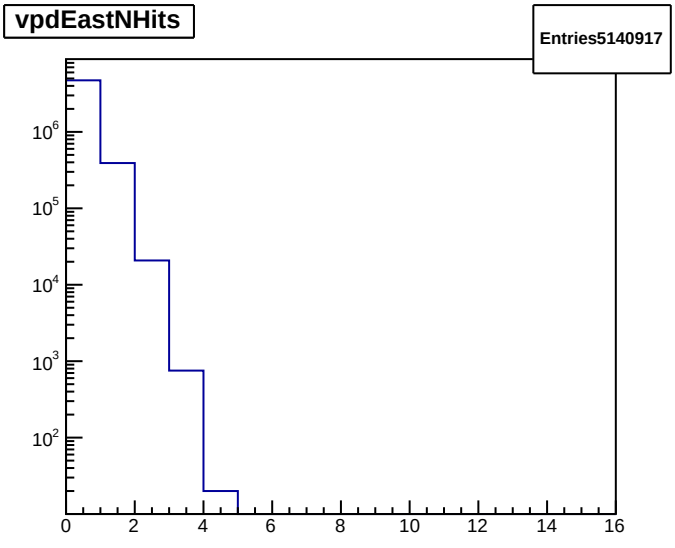

bbcSmallWestTacMaxVsSimu
Entries 3818451
Data
Simu

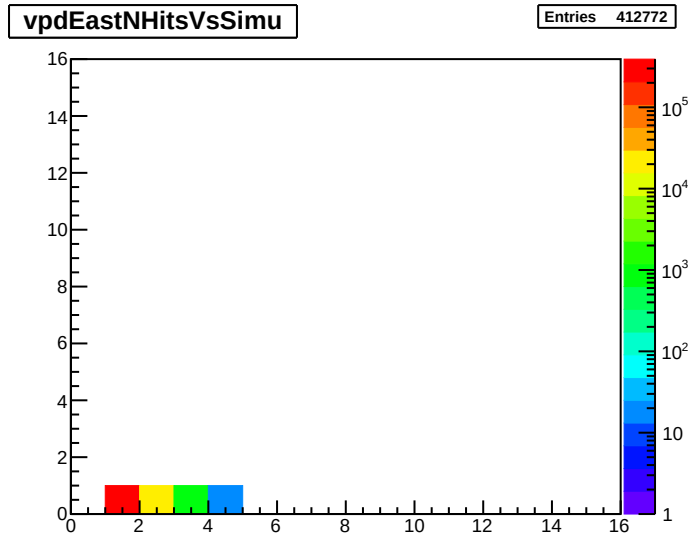

bbcLargeHit
Entries 1.028183e+07
1
0
4.98428e+06
4.99177e+06
156642
149144
E-Hit
W-Hit
10^6

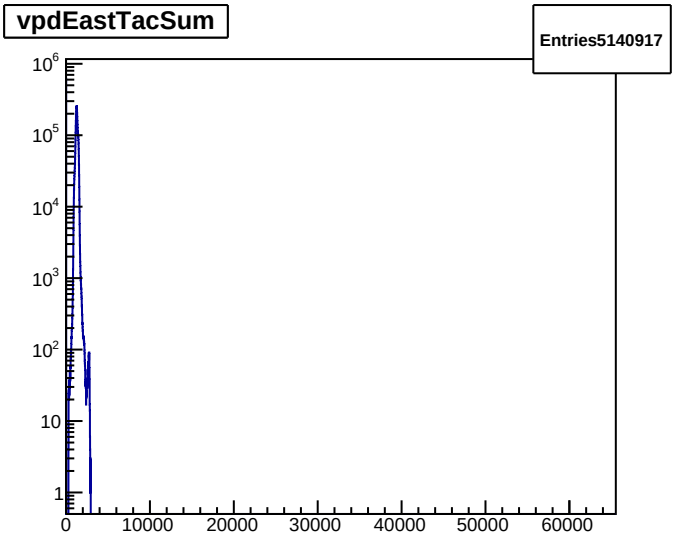

bbcLargeEastHitSimu
Entries 7555102
1
0
-1
3.73447e+06
3.78022e+06
17287
23123
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

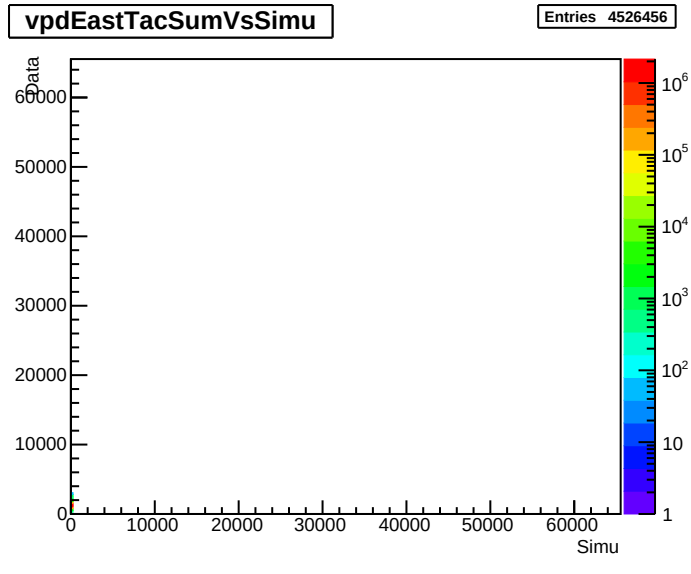

vpdEastAdcSum
Entries5140917

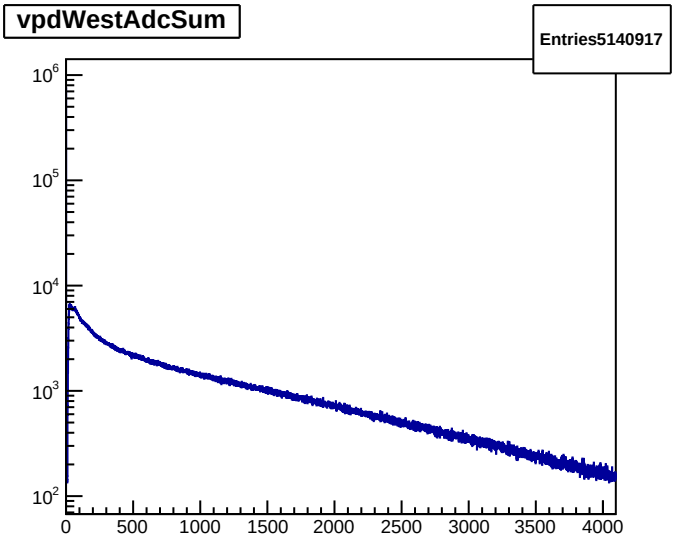

vpdEastAdcSumVsSimu
Entries 4526153
Data
Simu

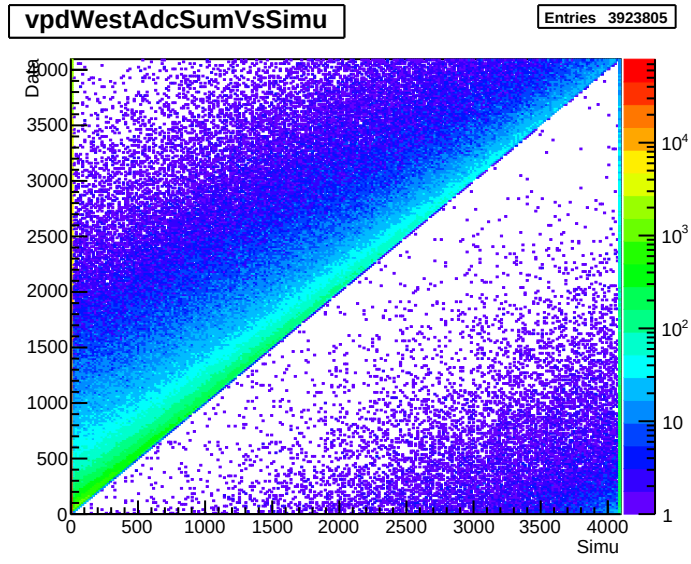

vpdEastNHits
Entries5140917

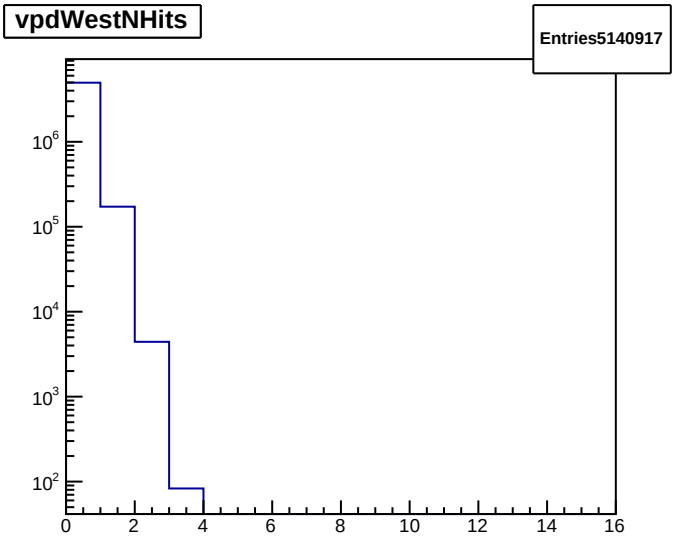

vpdEastNHitsVsSimu
Entries 412772

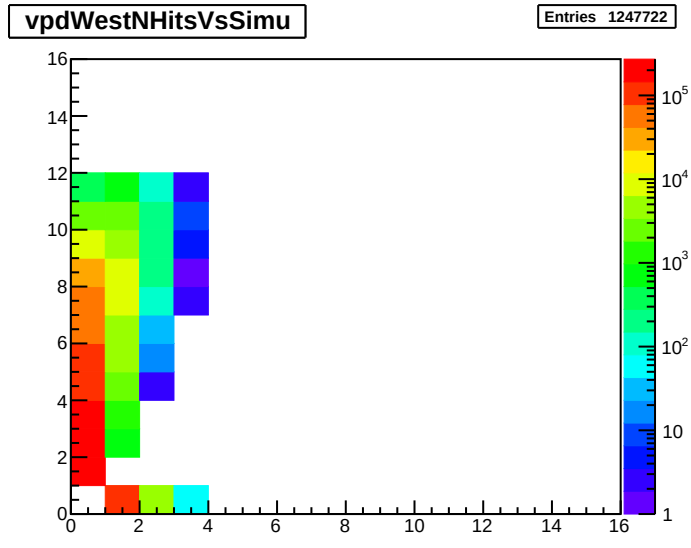

vpdEastTacSum
Entries5140917

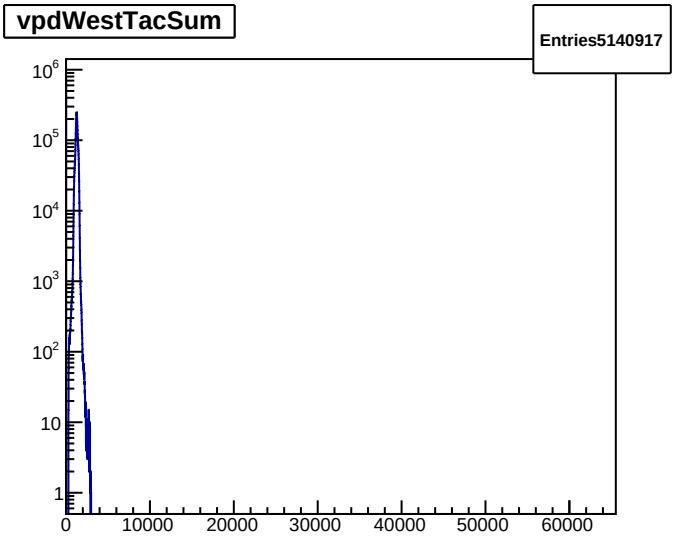

vpdEastTacSumVsSimu
Entries 4526456
Data
Simu

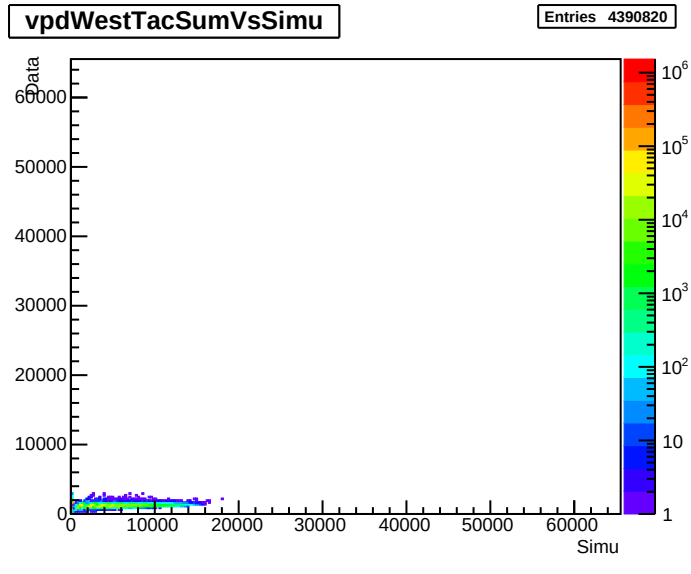

vpdWestAdcSum
Entries5140917

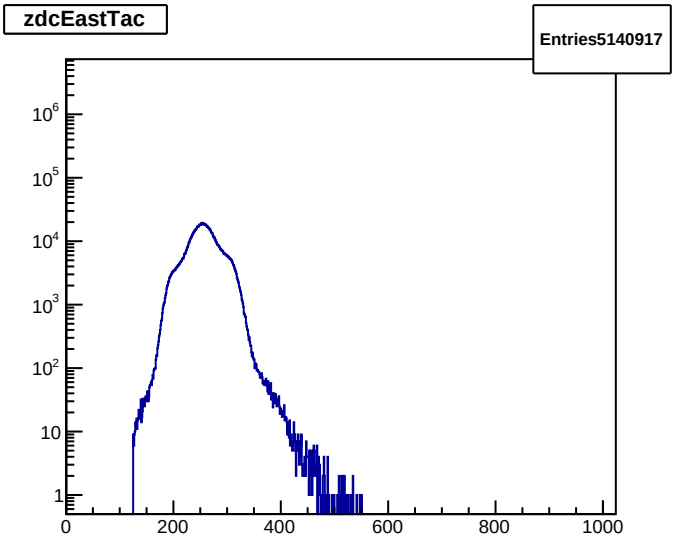

vpdWestAdcSumVsSimu
Entries 3923805
Data
Simu

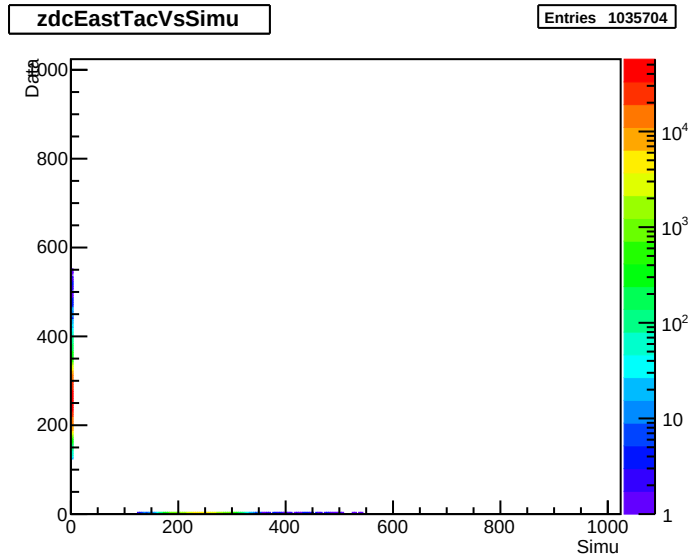

vpdWestNHits
Entries5140917

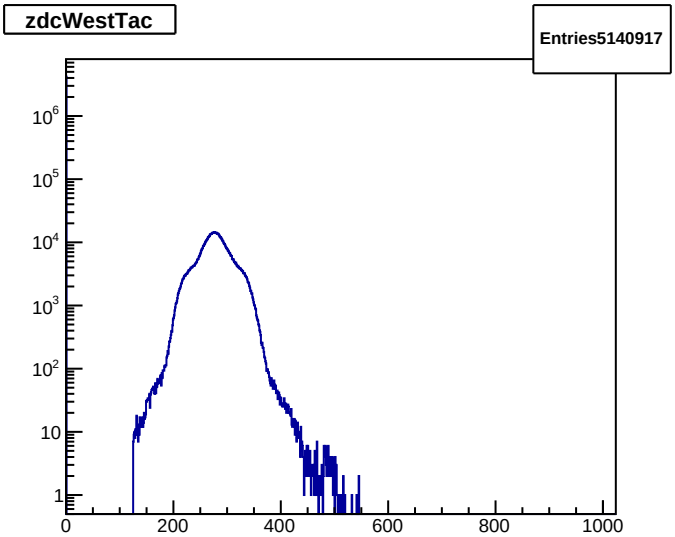

vpdWestNHitsVsSimu
Entries 1247722

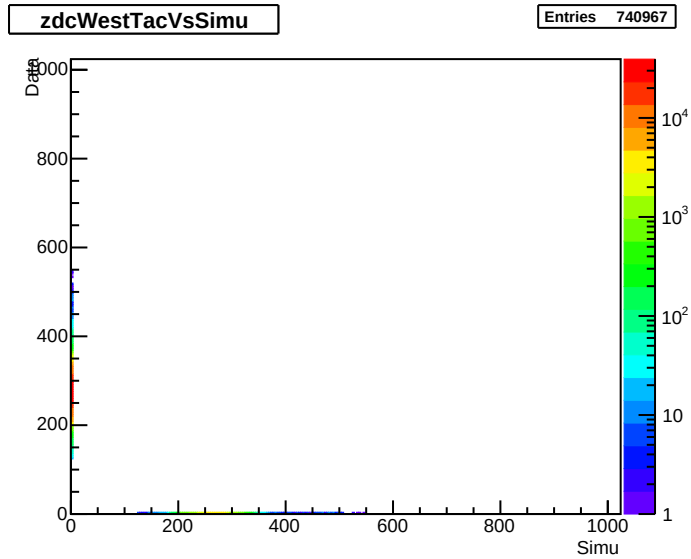

vpdWestTacSum
Entries5140917

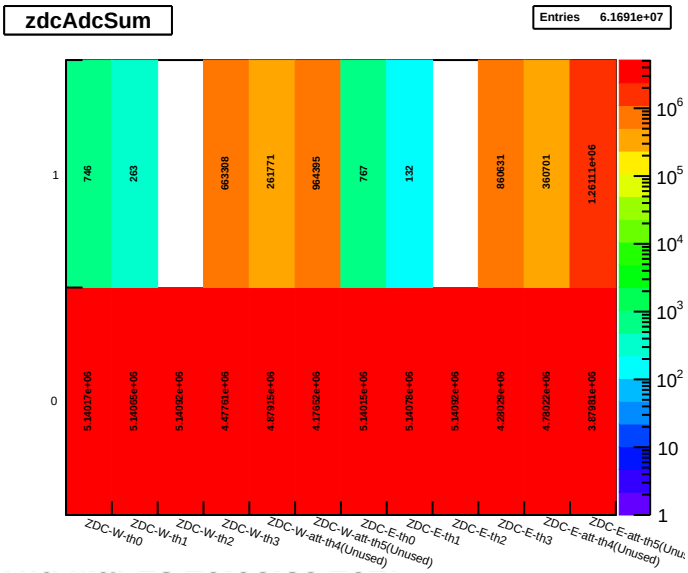

vpdWestTacSumVsSimu
Entries 4390820
Data
Simu

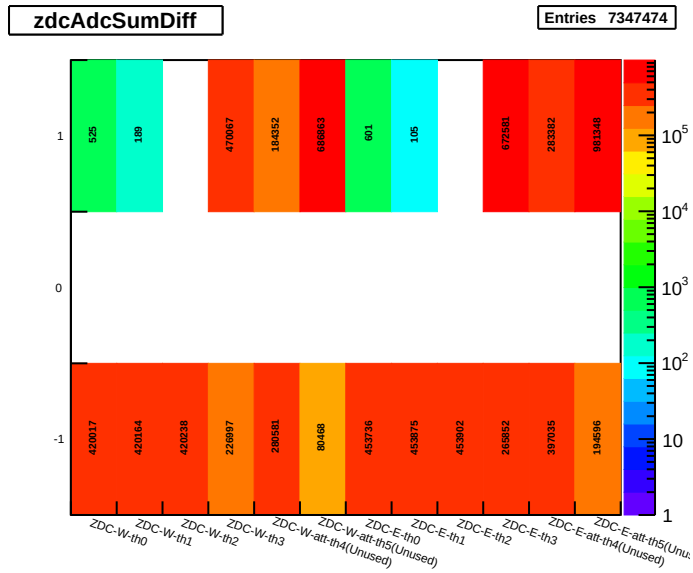

zdcEastTac
Entries5140917

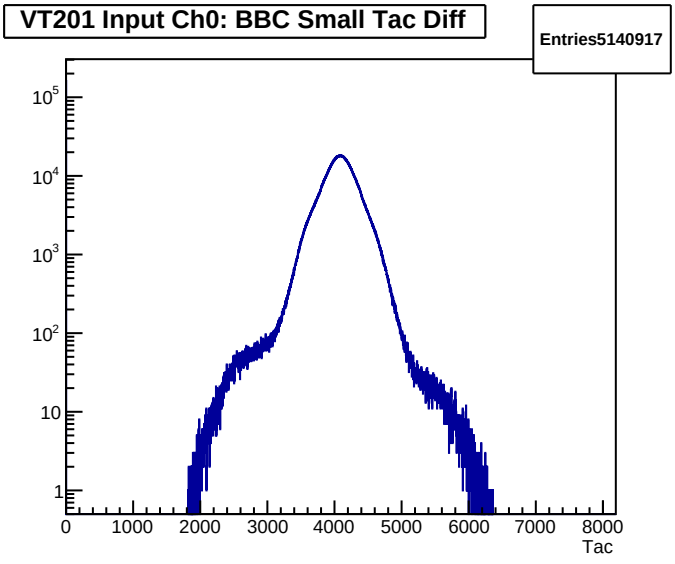

zdcEastTacVsSimu
Entries 1035704
Data
Simu

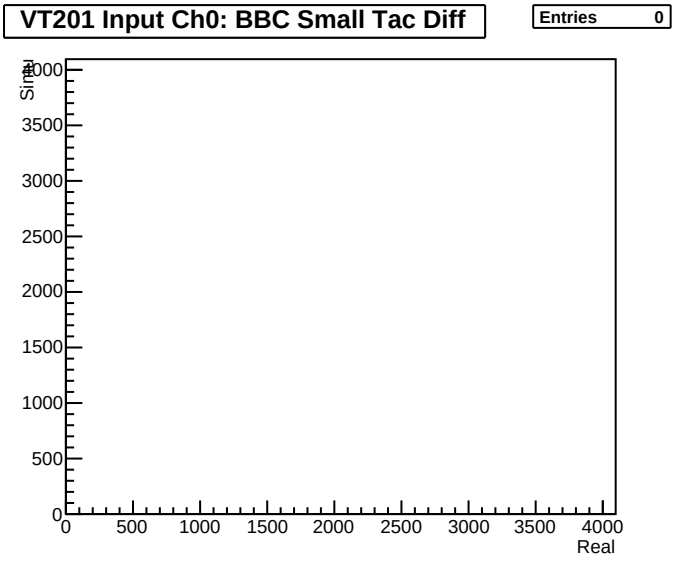

zdcWestTac
Entries5140917

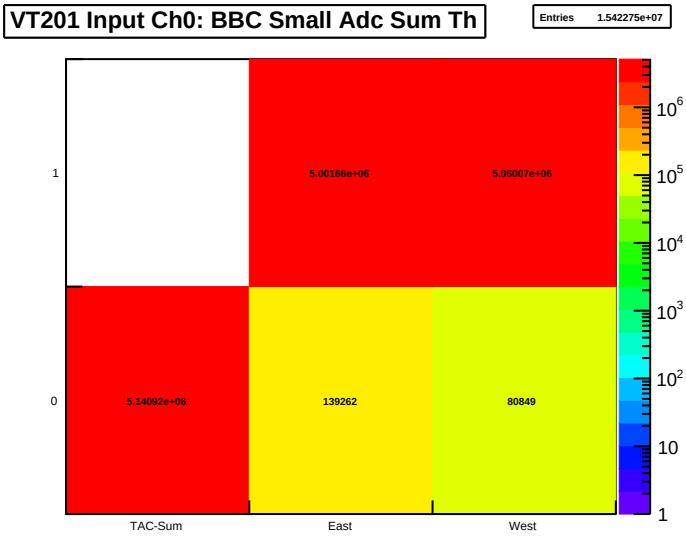

zdcWestTacVsSimu
Entries 740967
Data
Simu

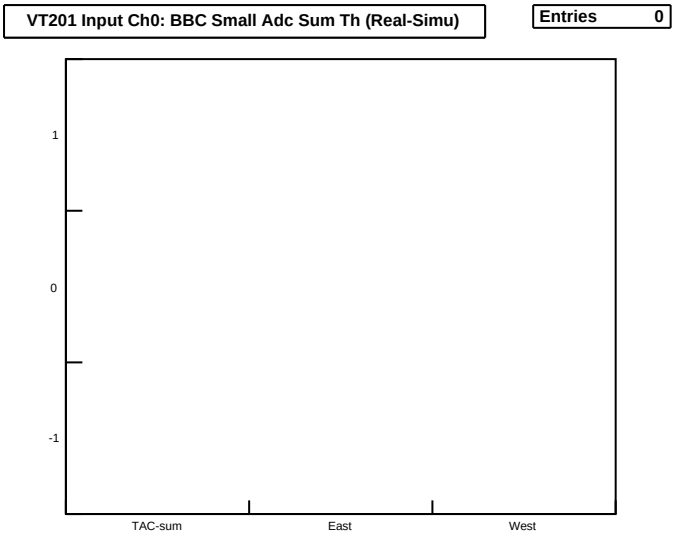

zdcAdcSum
Entries 6.1691e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

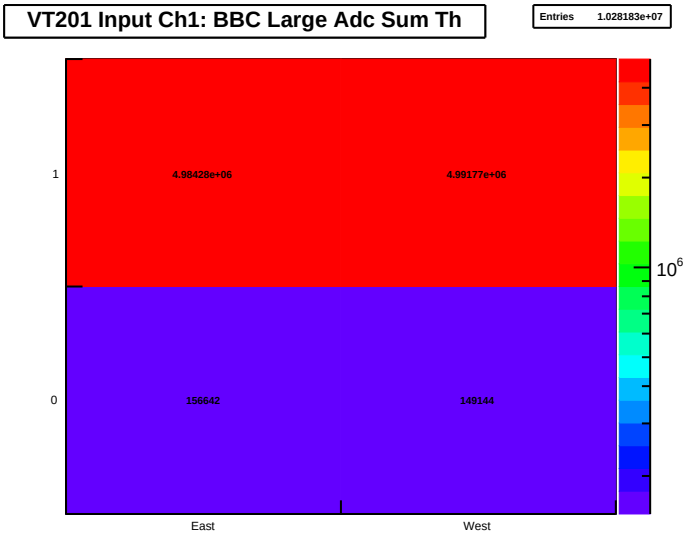

zdcAdcSumDiff
Entries 7347474
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

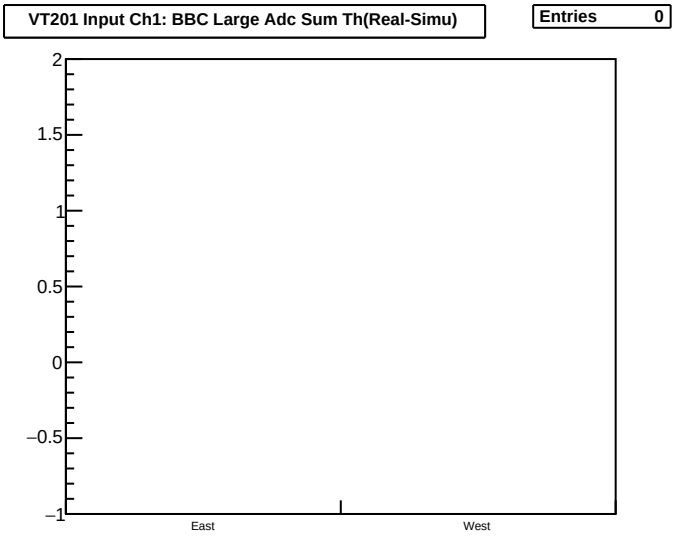

VT201 Input Ch0: BBC Small Tac Diff
Entries5140917
Tac


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

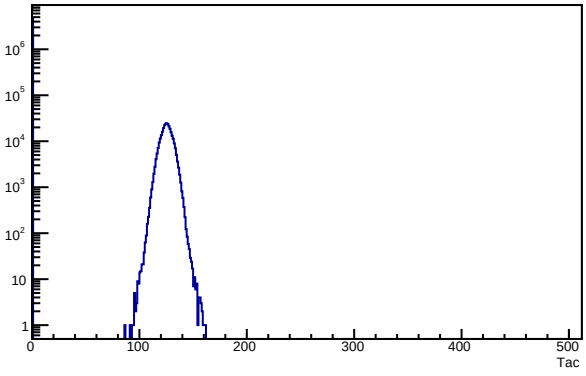

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.542275e+07
5.00166e+06
5.06007e+06
5.14092e+06
139262
80849
TAC-Sum
East
West


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

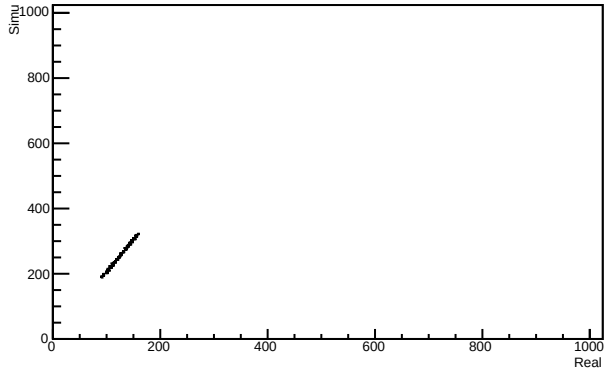

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.028183e+07
4.98428e+06
4.99177e+06
156642
149144
East
West


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

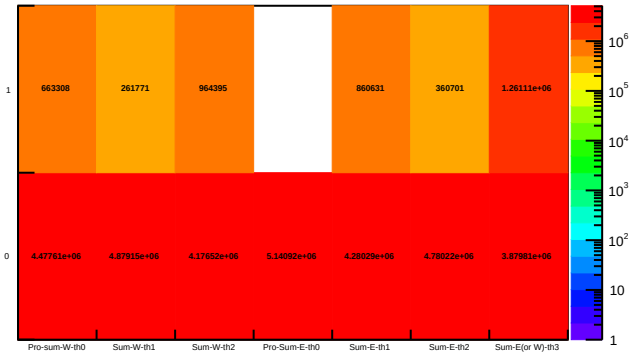
VT201 Input Ch2: ZDC Tac Diff



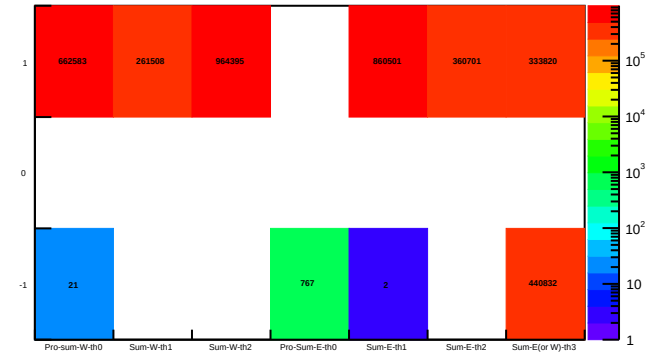
VT201 Input Ch2: ZDC Tac Diff



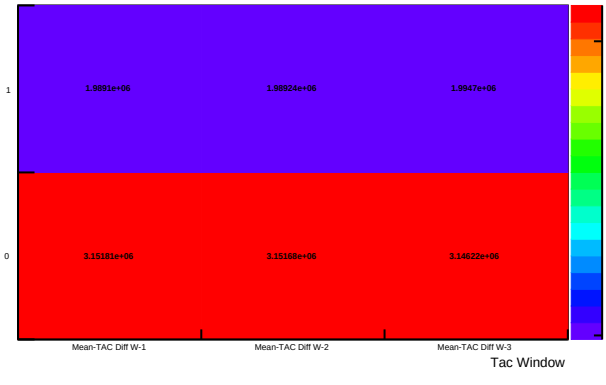
VT201 Input Ch2: ZDC Adc Sum Th



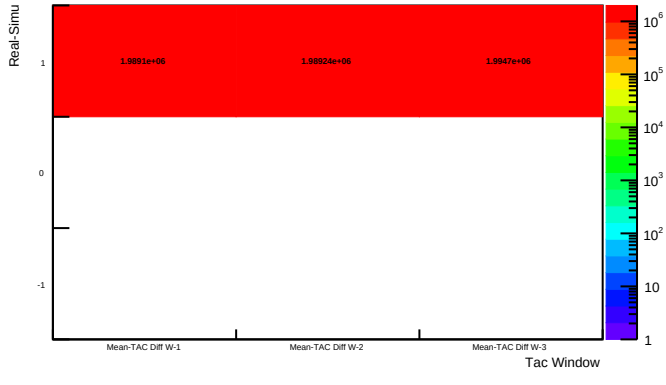
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



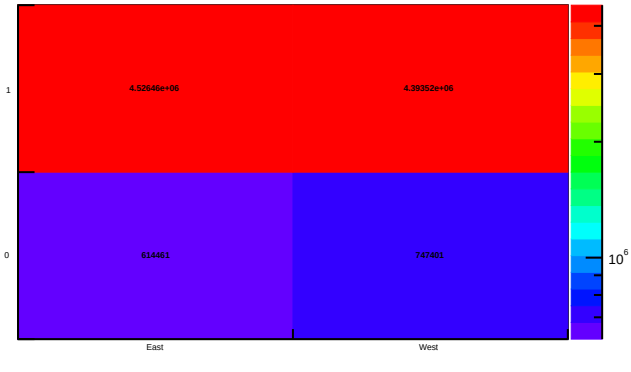
VT201 Input Ch4: VPD Tac Diff



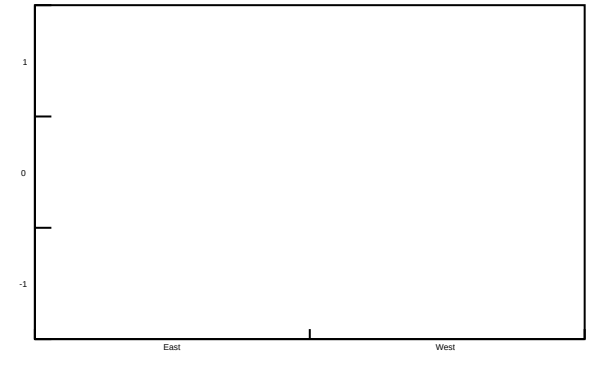
VT201 Input Ch4: VPD Tac Diff

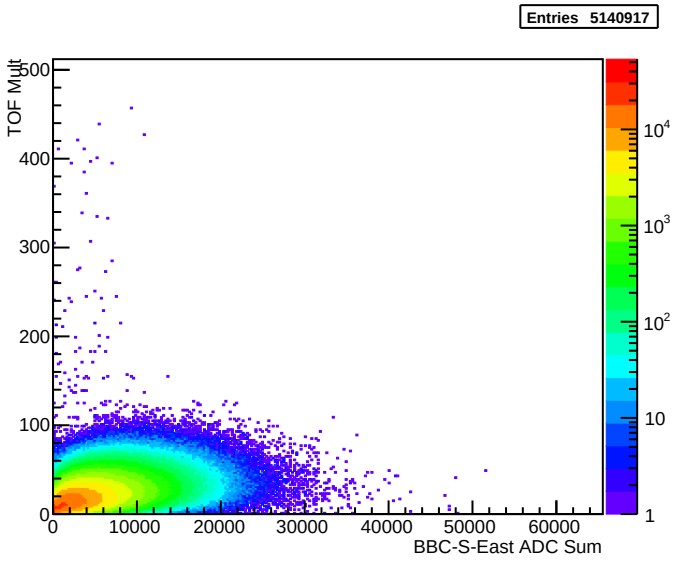


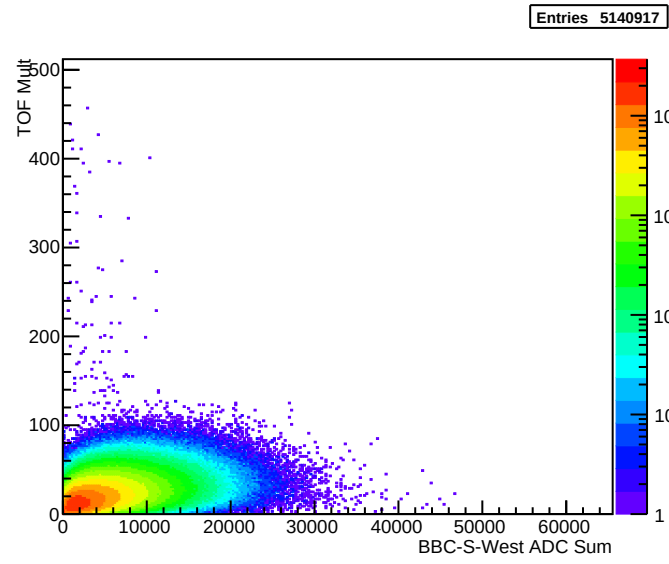
VT201 Input Ch4: VPD Adc Sum Th

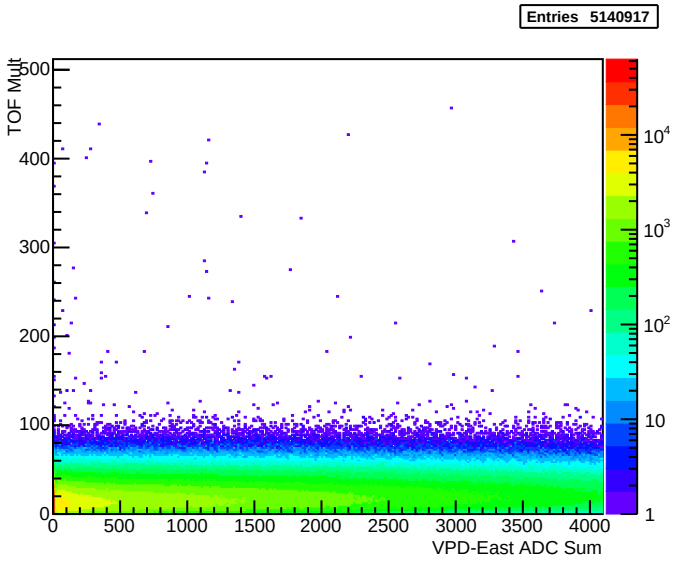


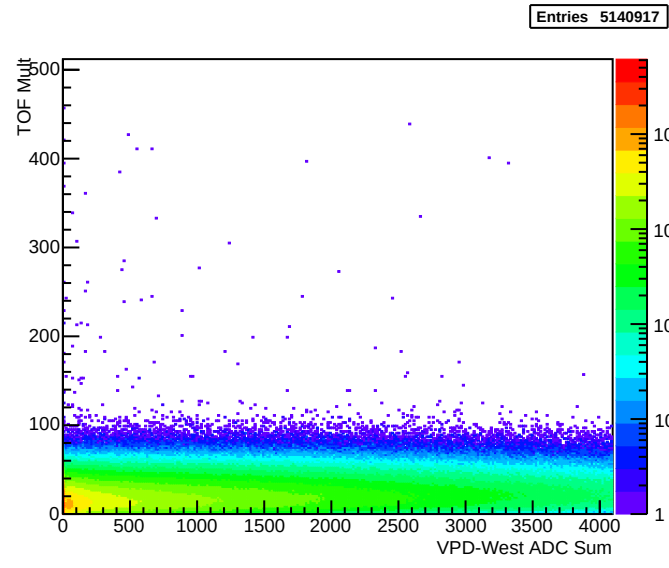
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

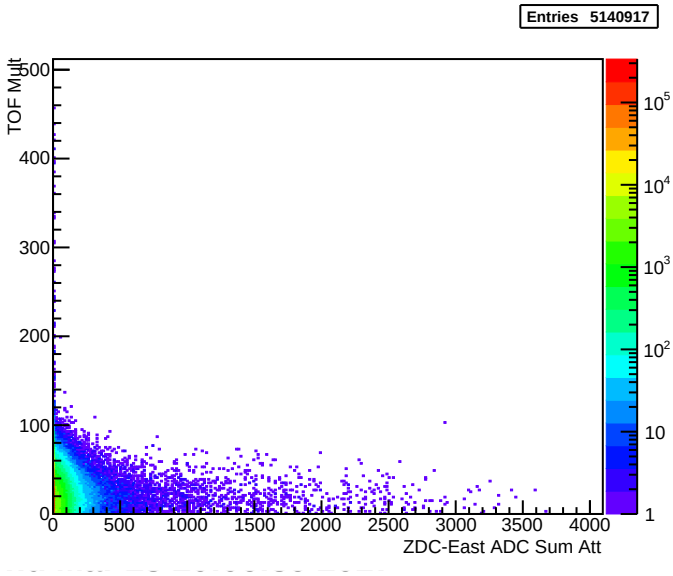


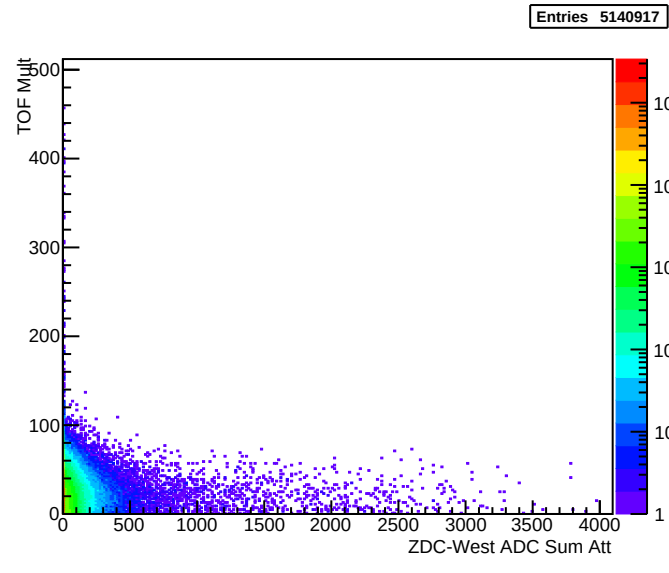

Entries 5140917
TOF Mult
BBC-S-East ADC Sum

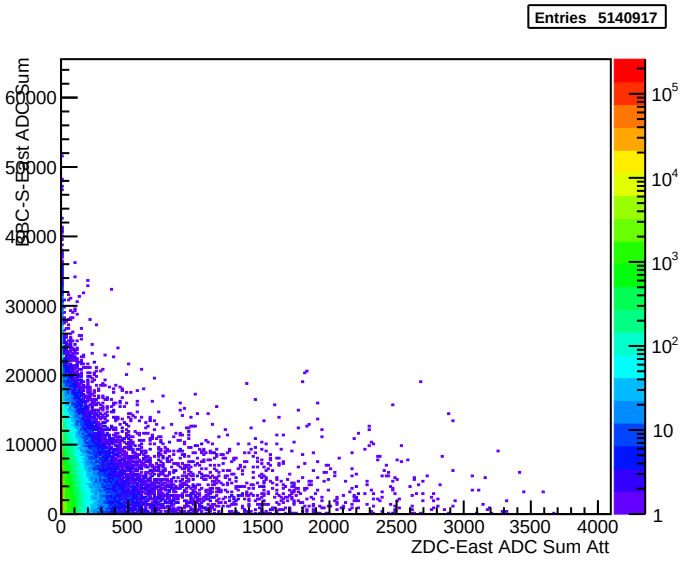

Entries 5140917
TOF Mult
BBC-S-West ADC Sum

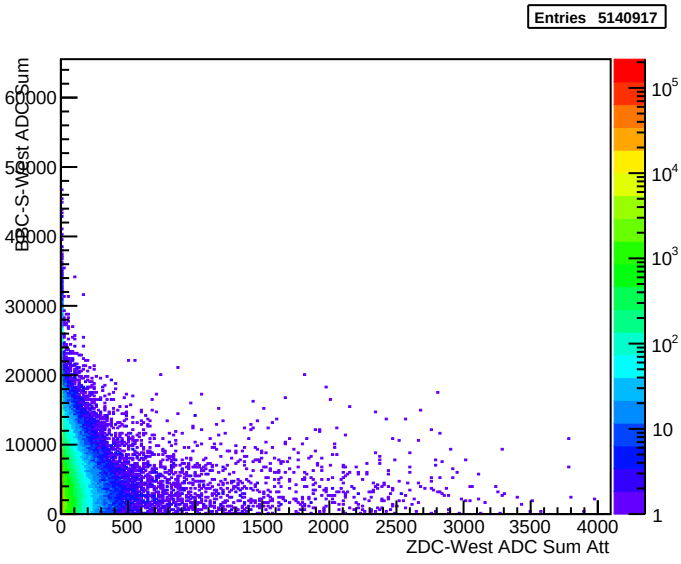

Entries 5140917
TOF Mult
VPD-East ADC Sum

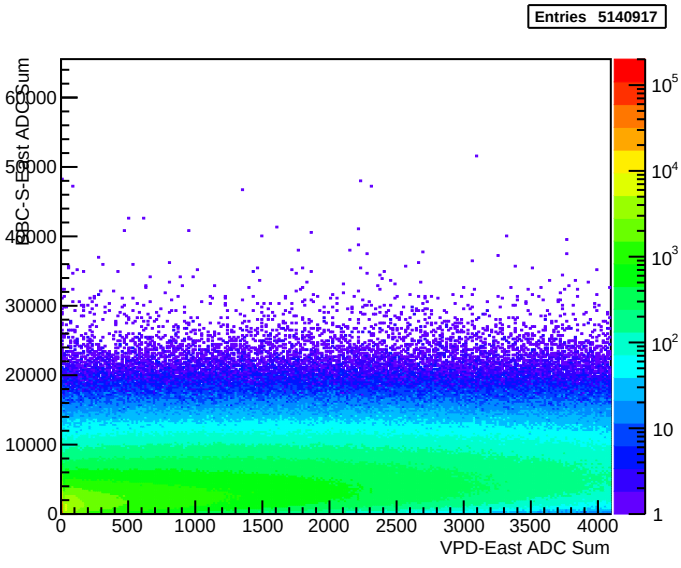

Entries 5140917
TOF Mult
VPD-West ADC Sum

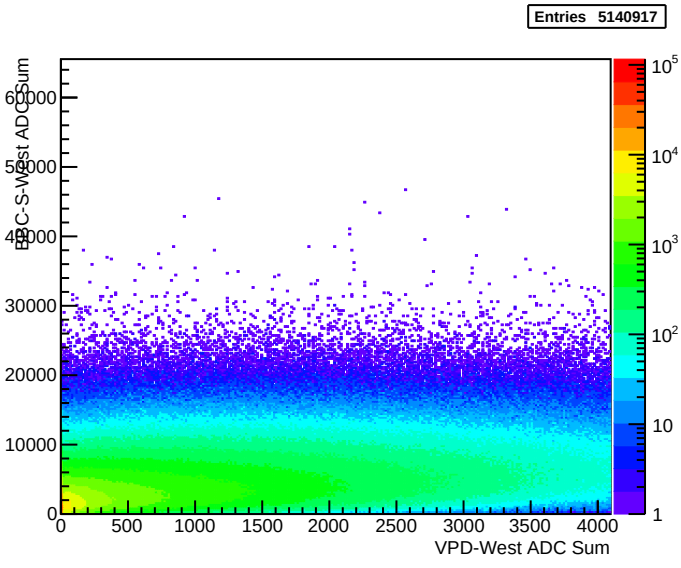

Entries 5140917
TOF Mult
ZDC-East ADC Sum Att

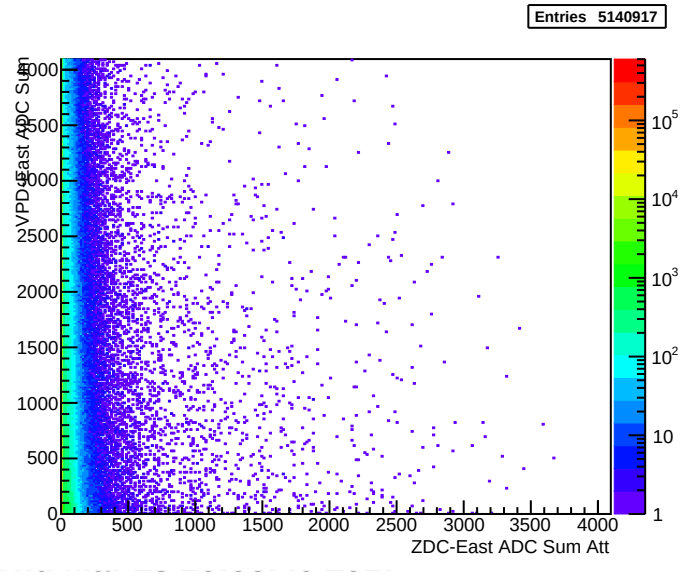

Entries 5140917
TOF Mult
ZDC-West ADC Sum Att

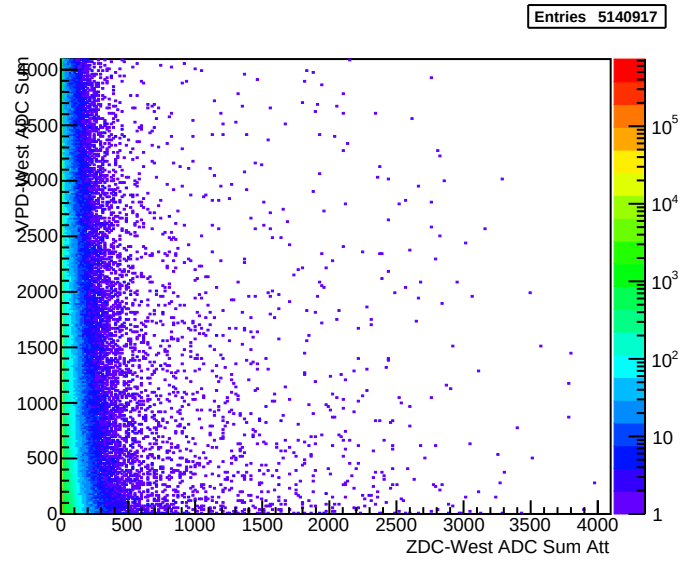

Entries 5140917
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

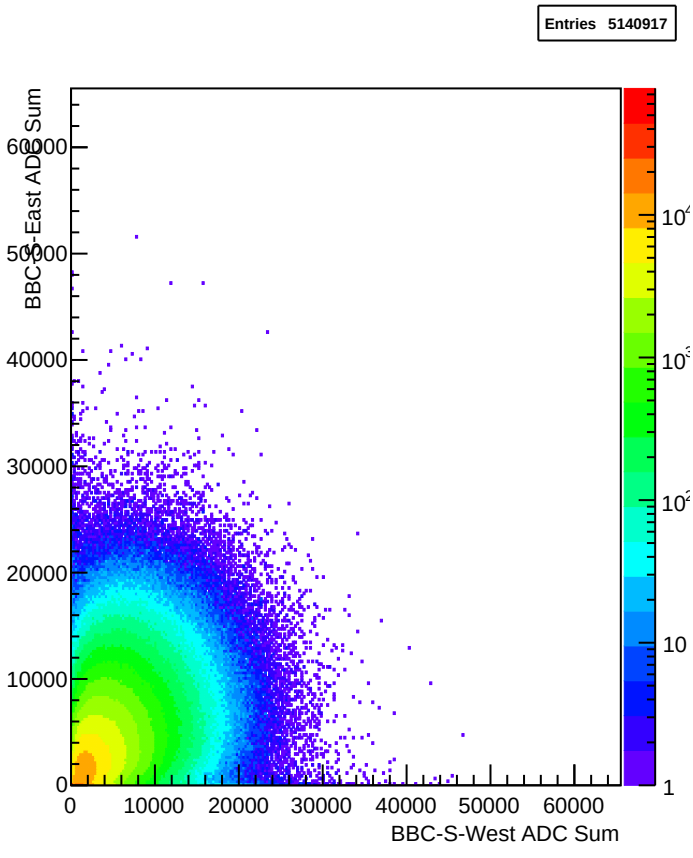

Entries 5140917
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

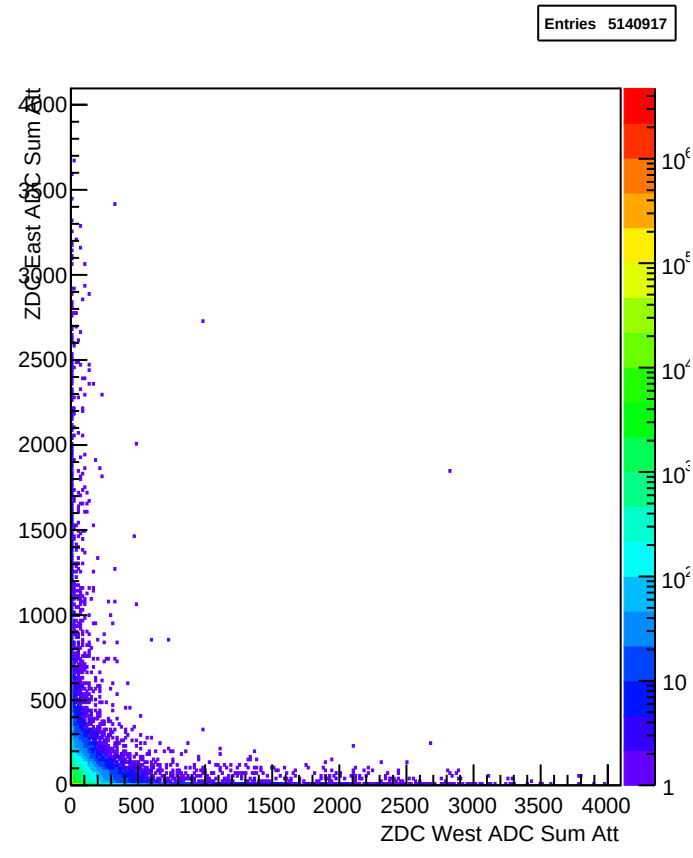

Entries 5140917
BBC-S-East ADC Sum
VPD-East ADC Sum

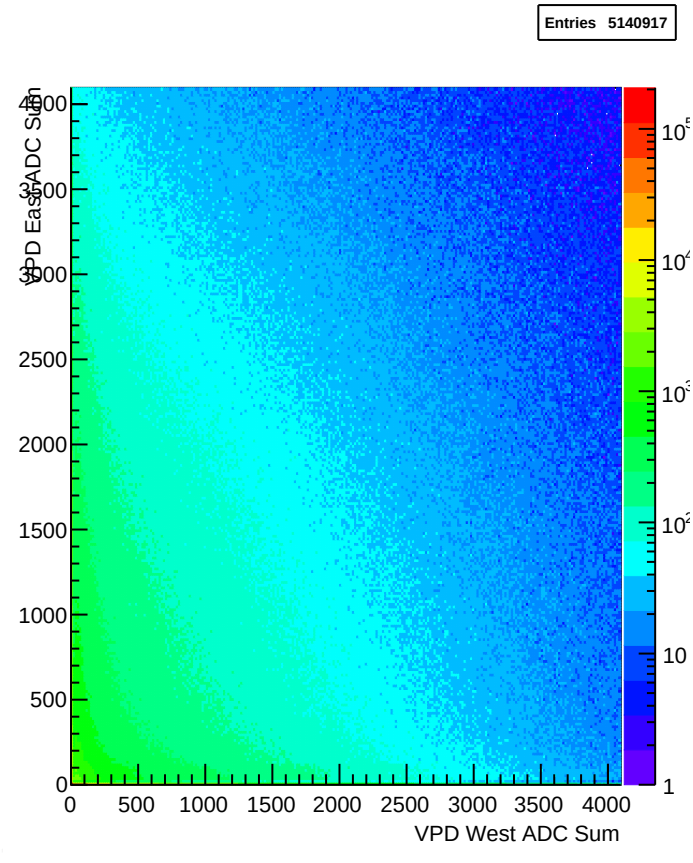

Entries 5140917
BBC-S-West ADC Sum
VPD-West ADC Sum

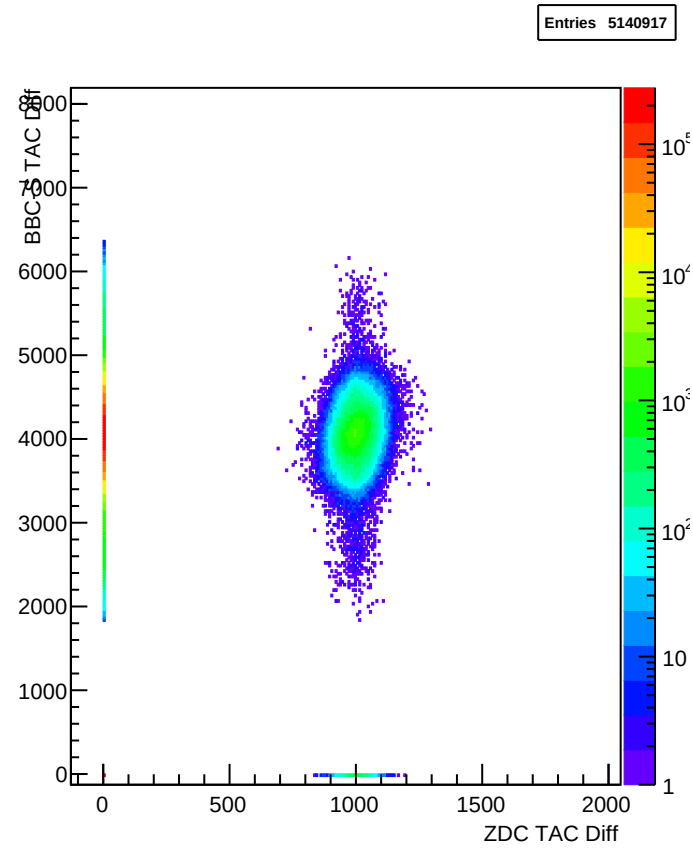

Entries 5140917
VPD-East ADC Sum
ZDC-East ADC Sum Att

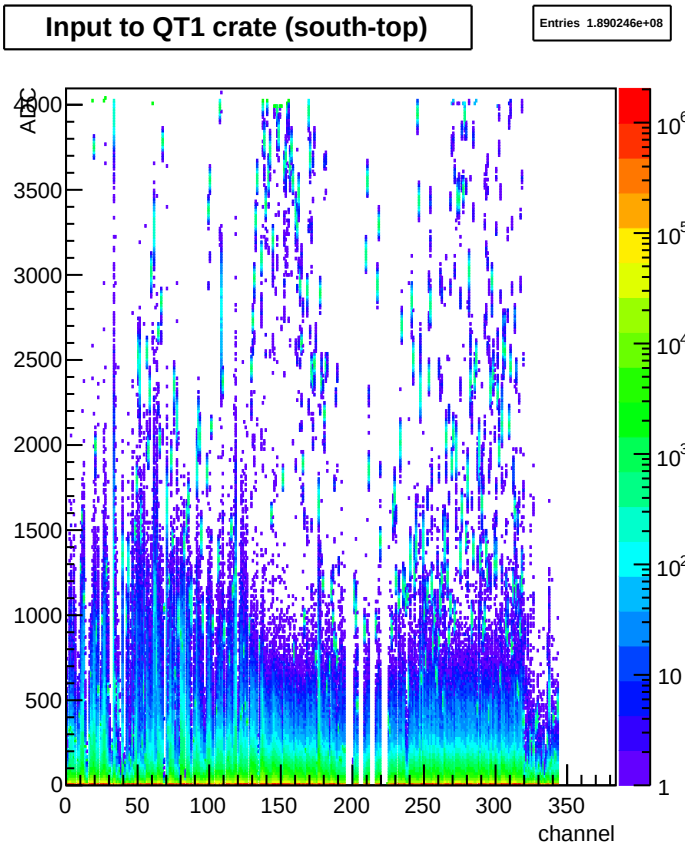

Entries 5140917
VPD-West ADC Sum
ZDC-West ADC Sum Att

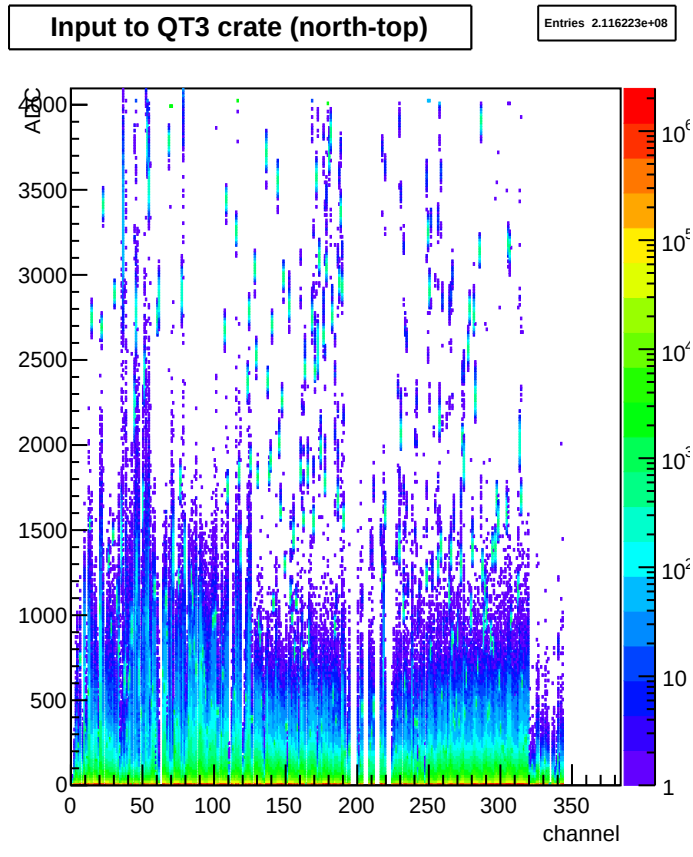

Entries 5140917
BBC-S-East ADC Sum
BBC-S-West ADC Sum

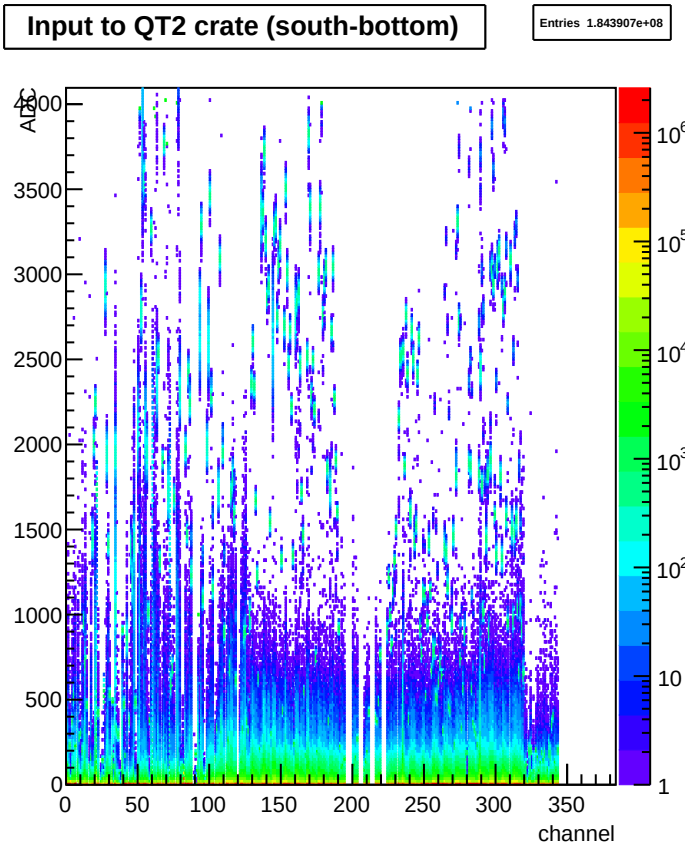

Entries 5140917
ZDC East ADC Sum Att
ZDC West ADC Sum Att

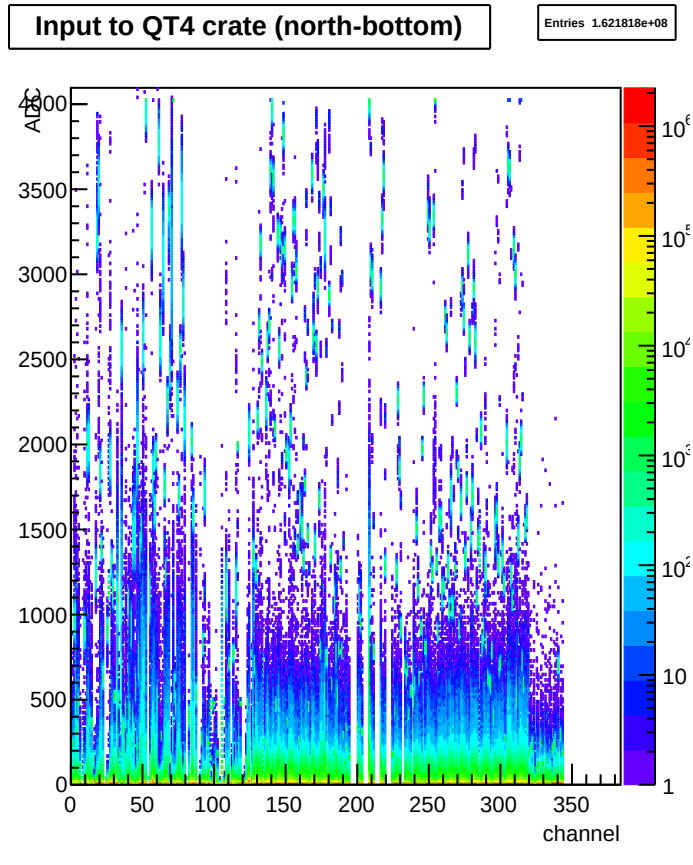

Entries 5140917
VPD East ADC Sum
VPD West ADC Sum

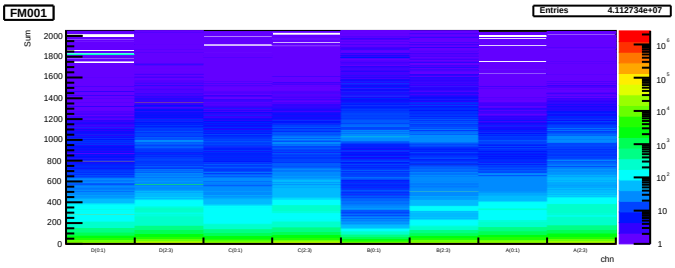

Entries 5140917
BBC-S TAC Diff
ZDC TAC Diff

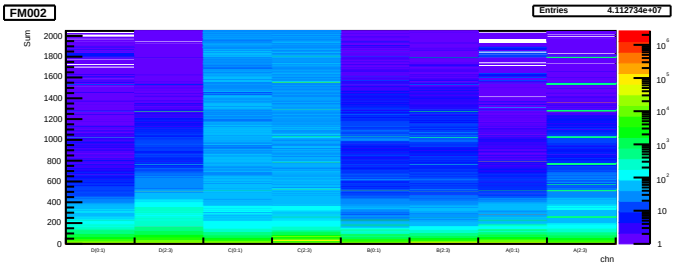

Input to QT1 crate (south-top)
Entries 1.890246e+08
ADC
channel

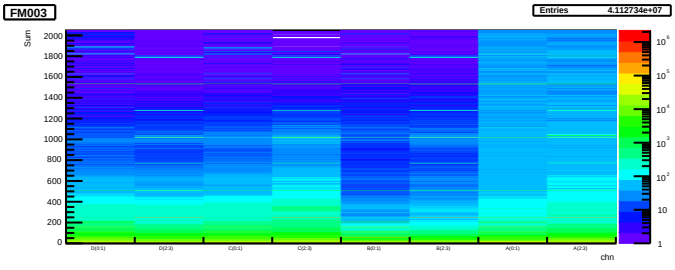

Input to QT3 crate (north-top)
Entries 2.116223e+08
ADC
channel

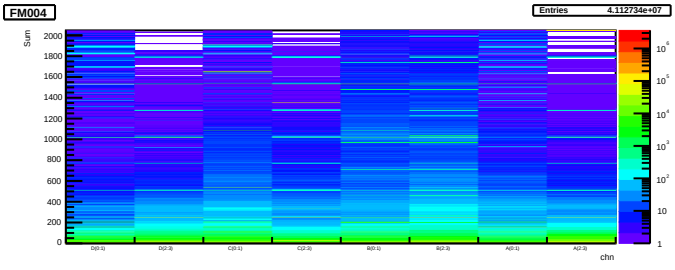

Input to QT2 crate (south-bottom)
Entries 1.843907e+08
ADC
channel

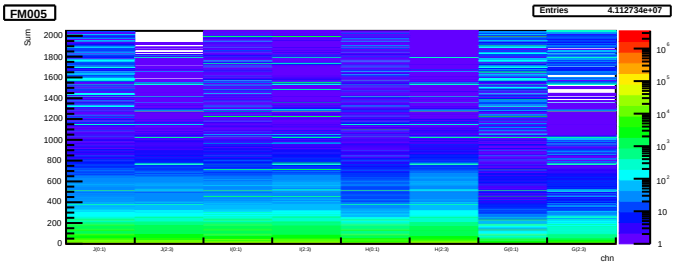

Input to QT4 crate (north-bottom)
Entries 1.621818e+08
ADC
channel

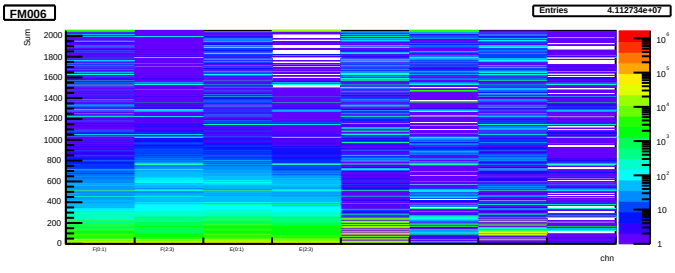

FM001
Entries 4.112734e+07
Sum
chn


FM002
Entries 4.112734e+07
Sum
chn


FM003
Entries 4.112734e+07
Sum
chn


FM004
Entries 4.112734e+07
Sum
chn


FM005
Entries 4.112734e+07
Sum
chn


FM006
Entries 4.112734e+07
Sum
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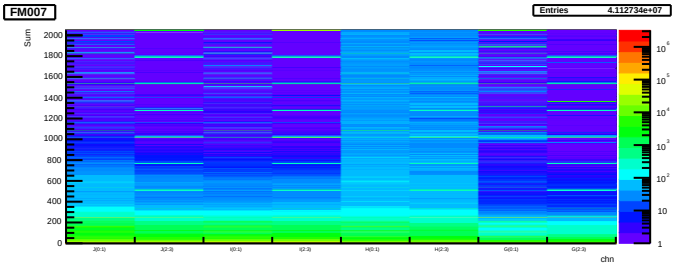
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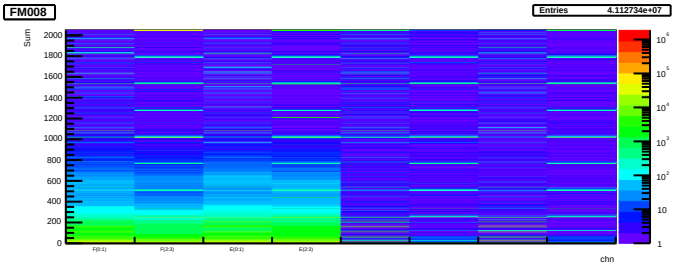
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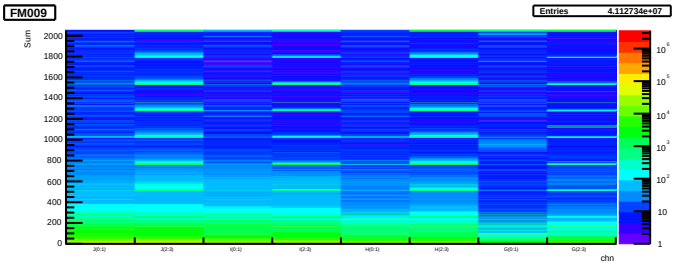
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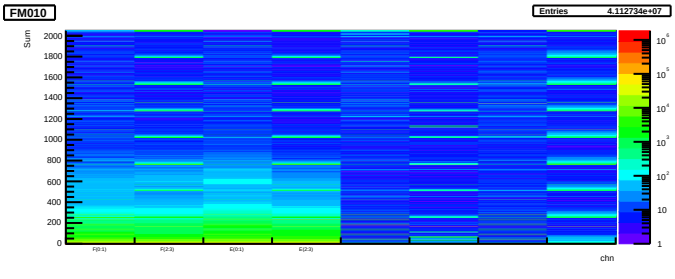
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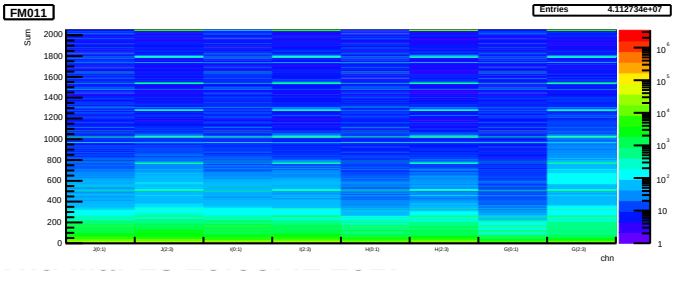
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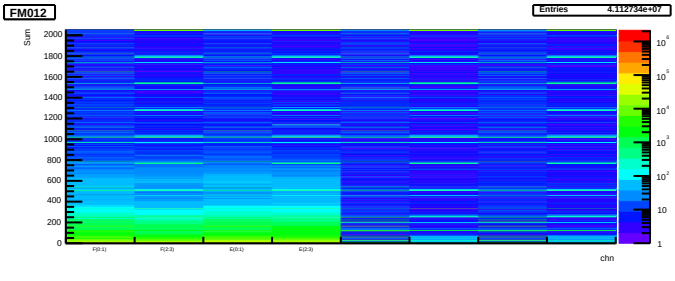
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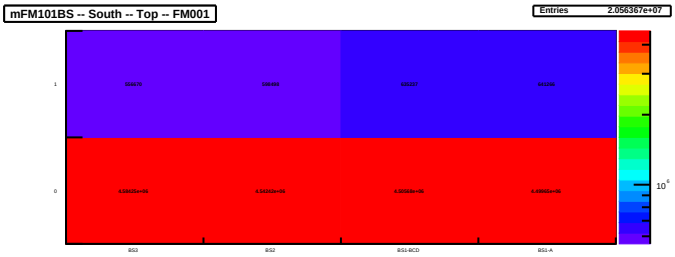
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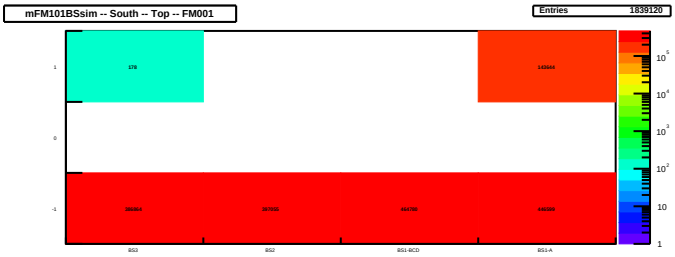
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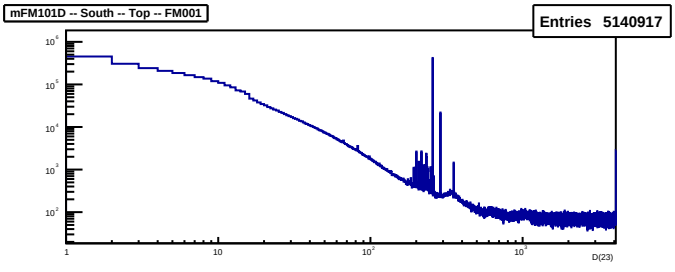
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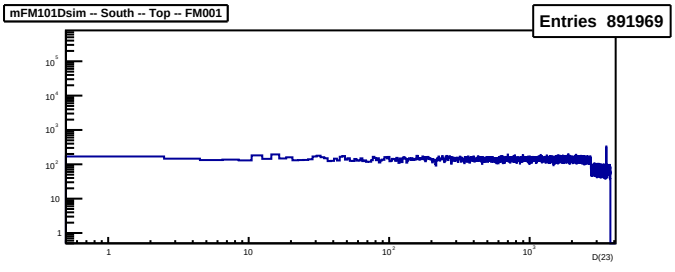
D(23)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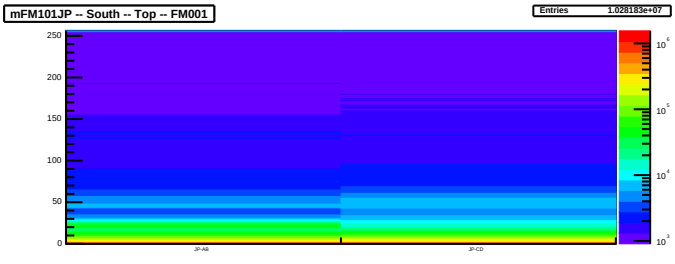
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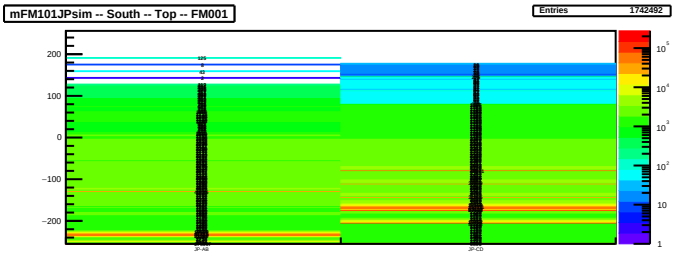
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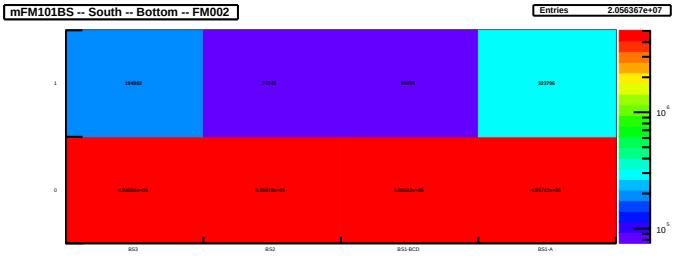
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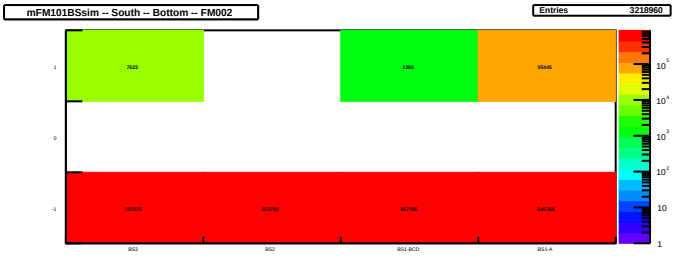
Entries 2.056367e+07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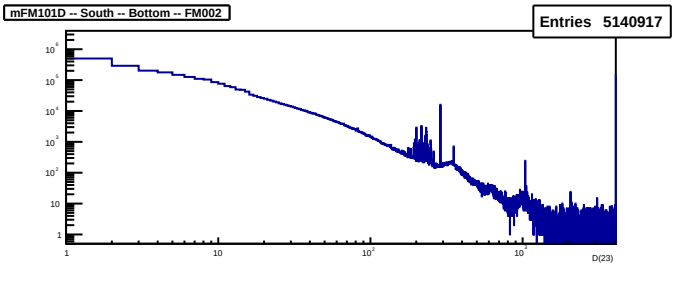
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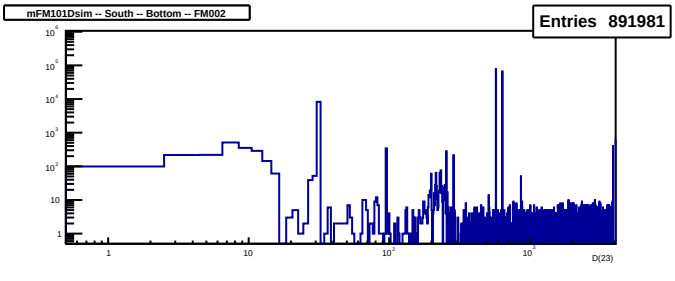
D(23)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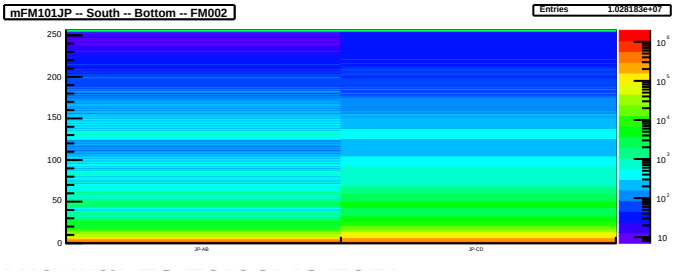
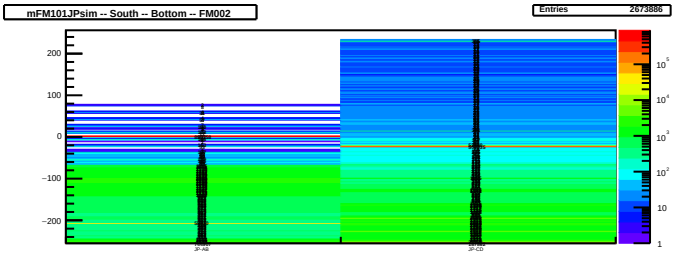

mFM101JP -- South -- Bottom -- FM002
Entries 1.028183e+07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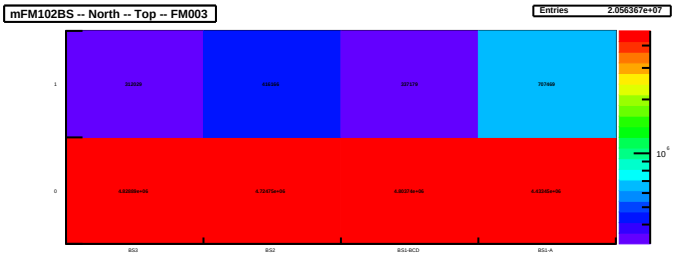
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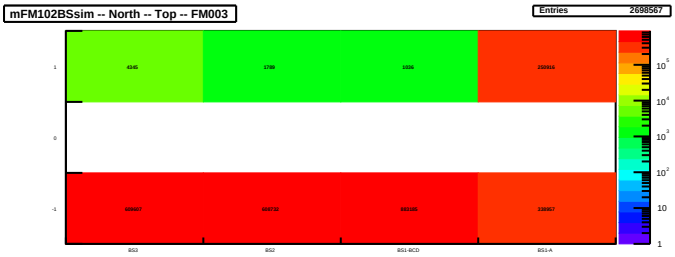
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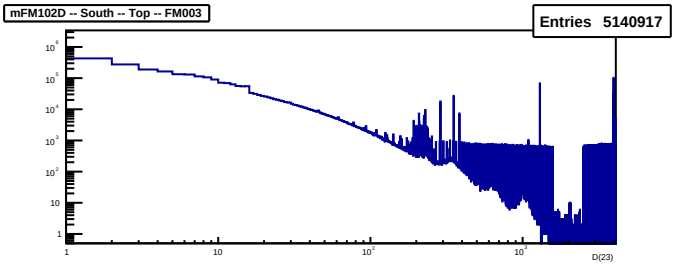
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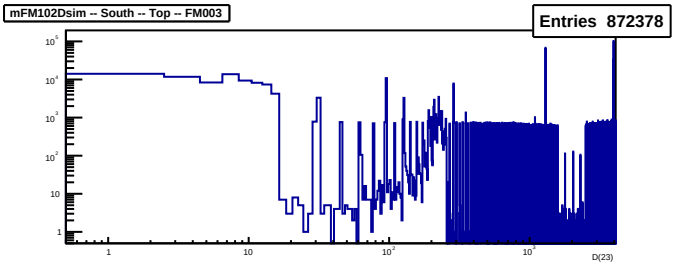
Entries 5140917
D(23)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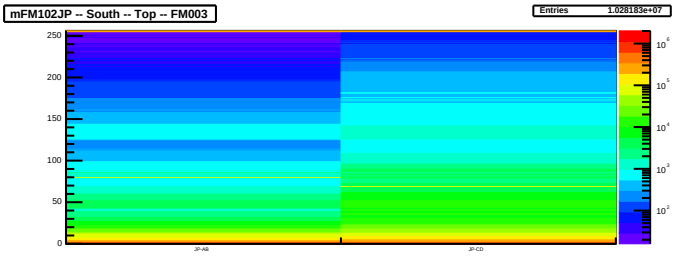
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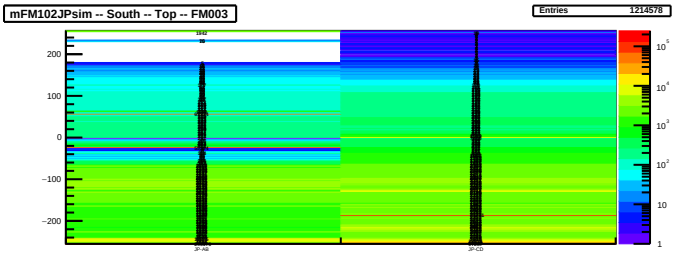
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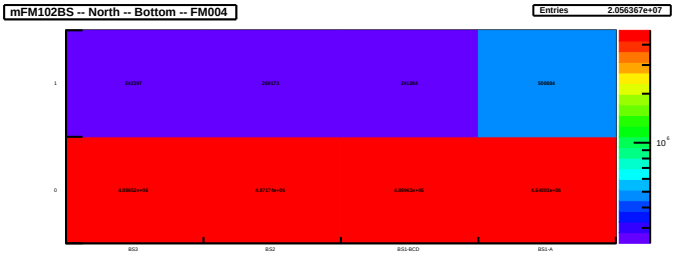
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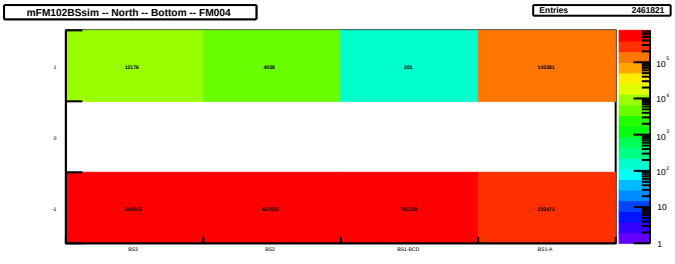
Entries 2.056367e+07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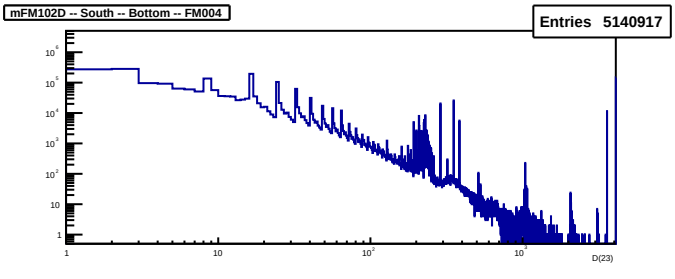
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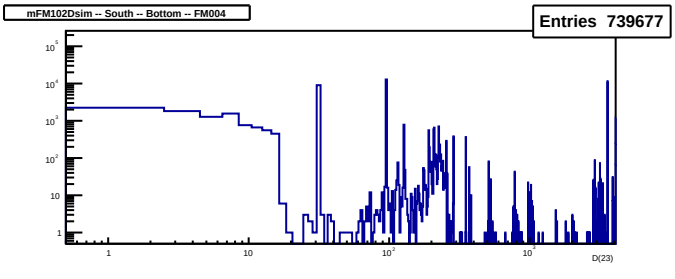
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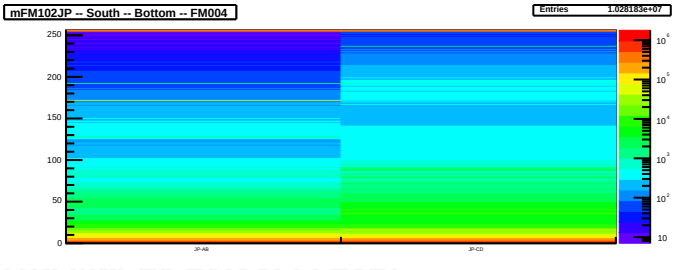
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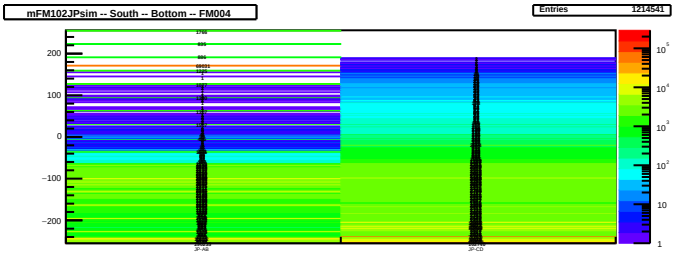
Entries 1.028183e+07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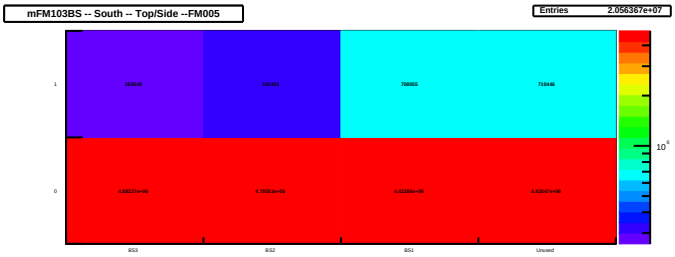
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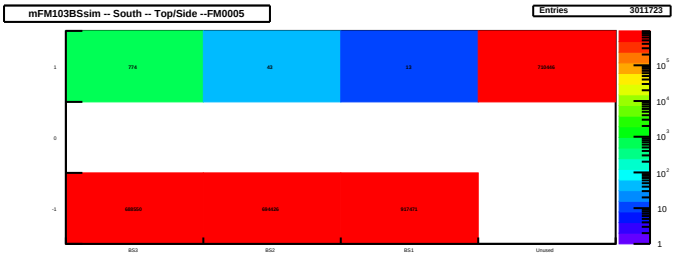
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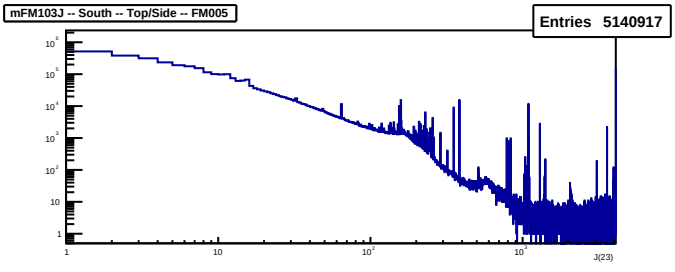
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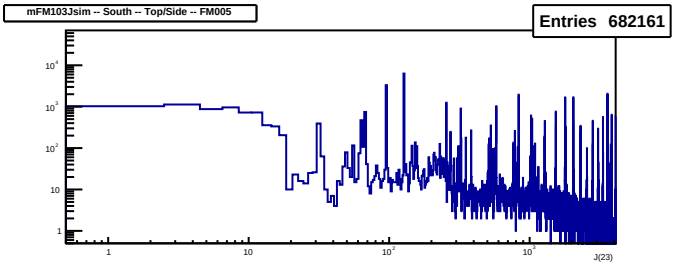
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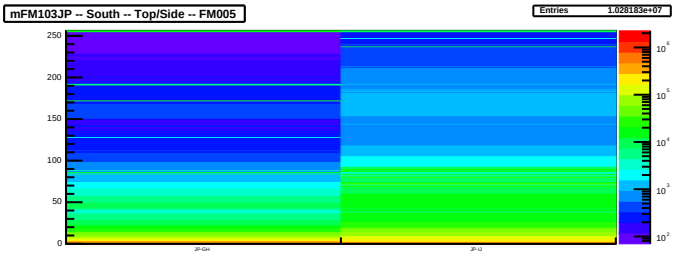
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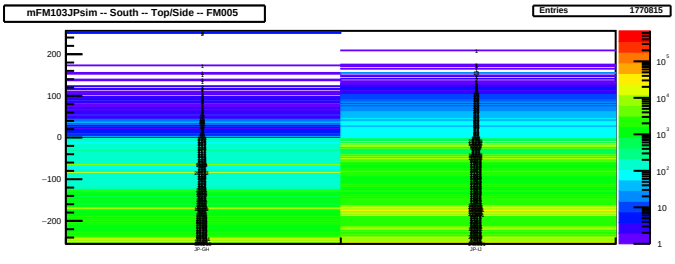
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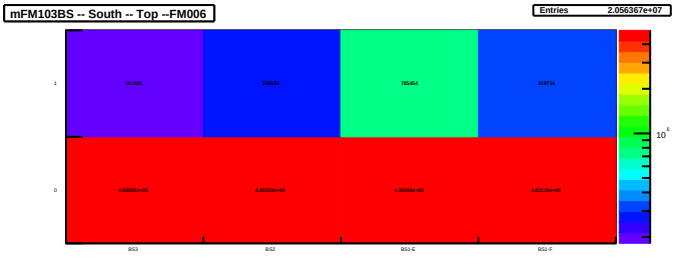
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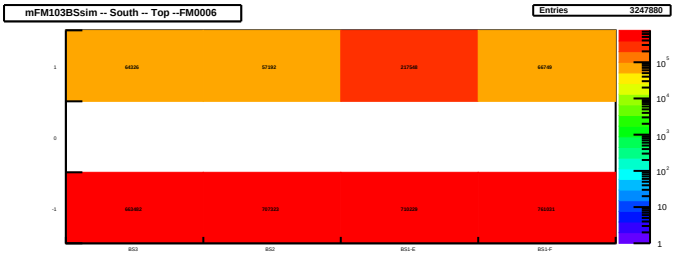
Entries 2.056367e+07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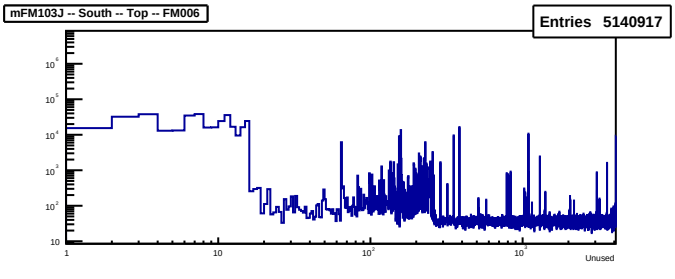
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Entries 5140917
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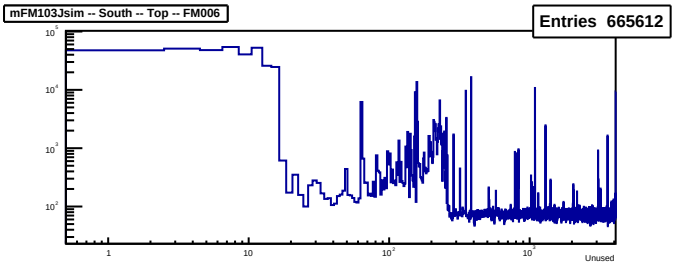
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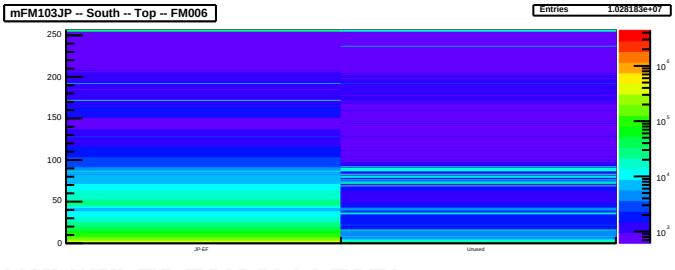
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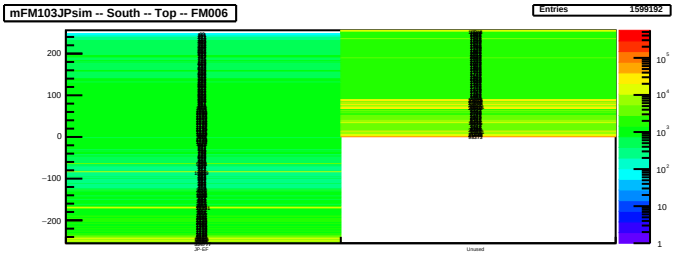
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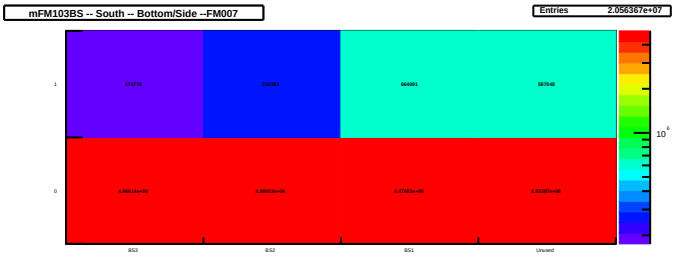
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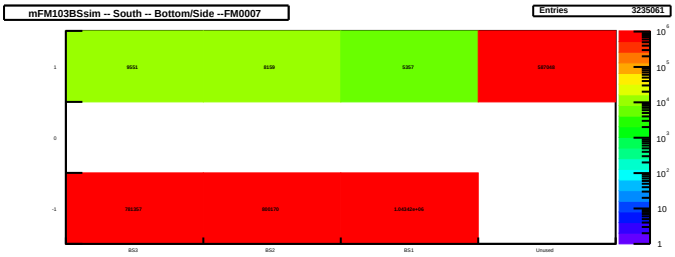
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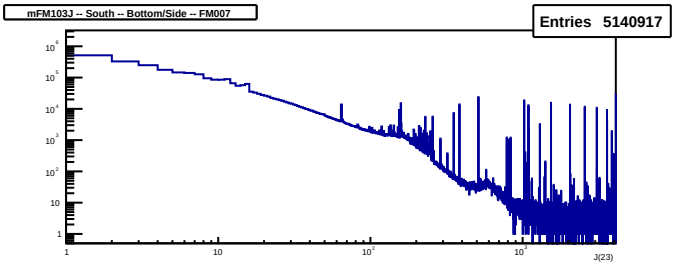
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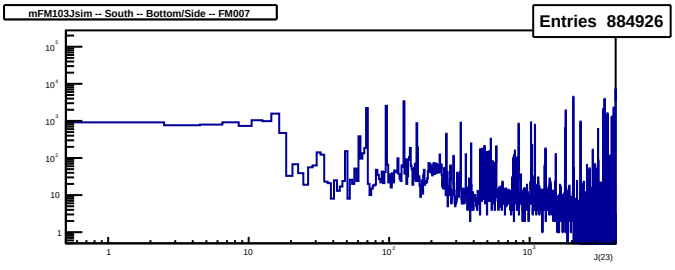
Entries 5140917
J(23)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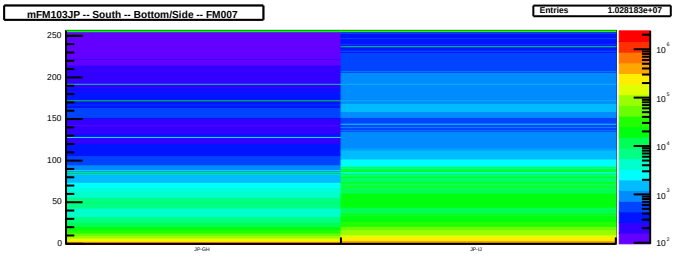
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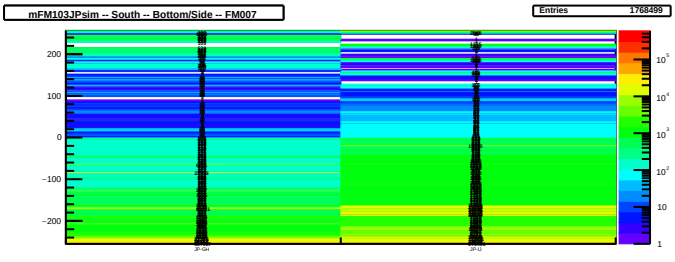
Entries 1.028183e+07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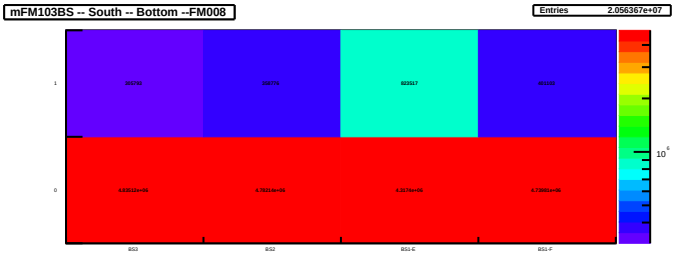
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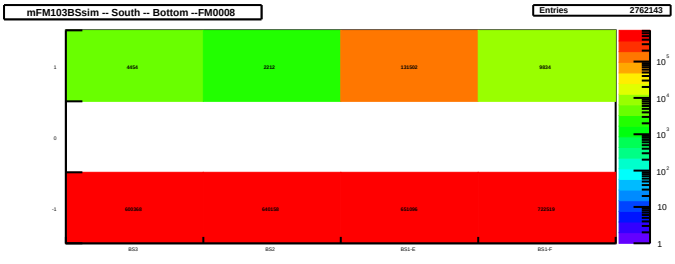
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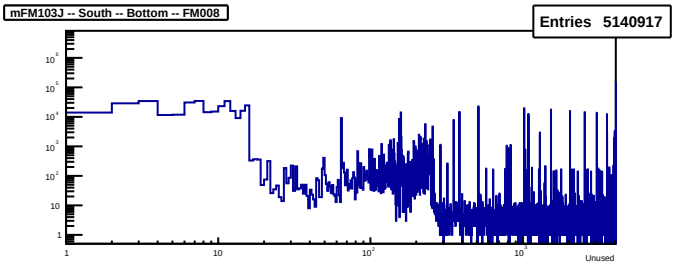
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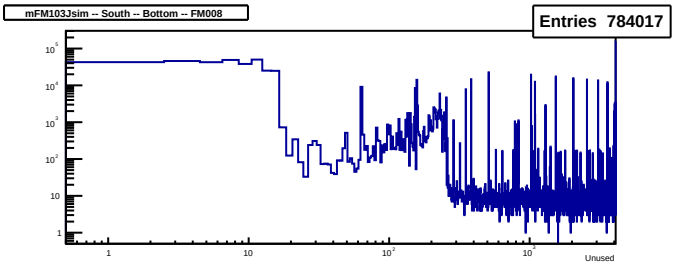
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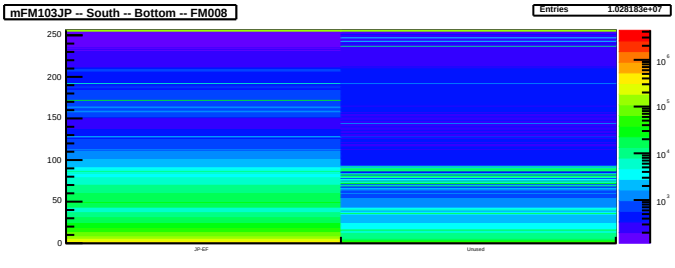
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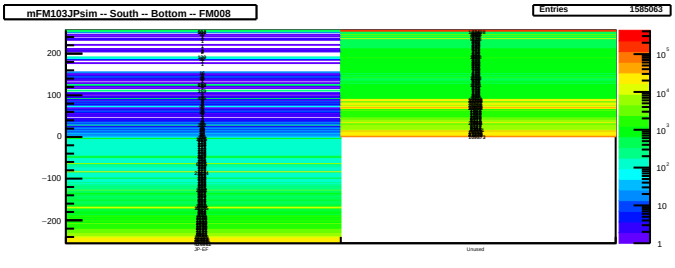
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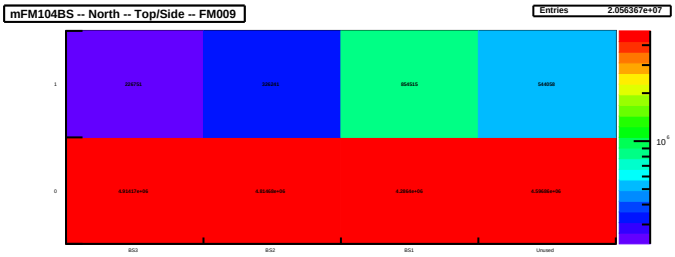
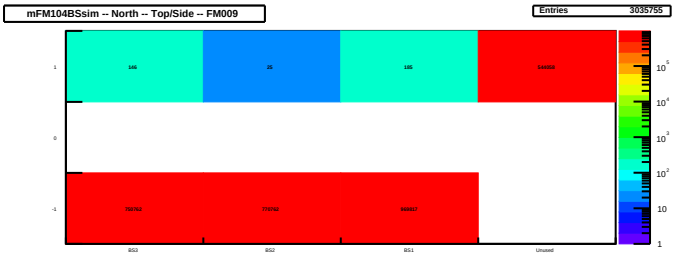
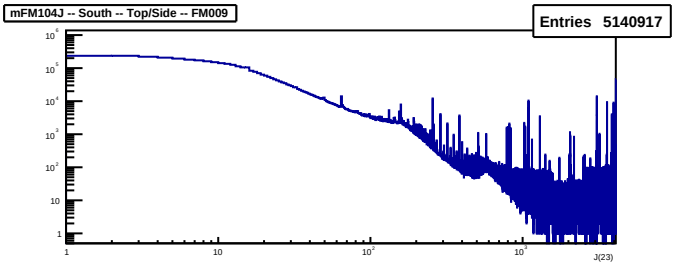
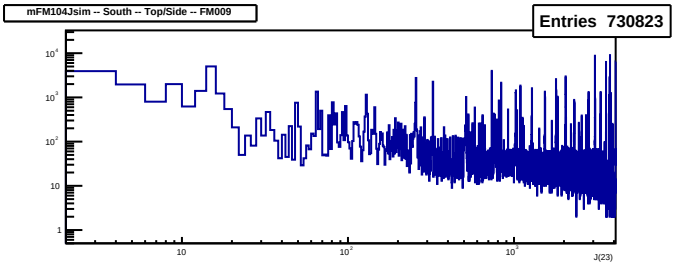
Entries 1585063


mFM104BS -- North -- Top/Side -- FM009
Entries 2.056367e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 3035755


mFM104J -- South -- Top/Side -- FM009
Entries 5140917
J(23)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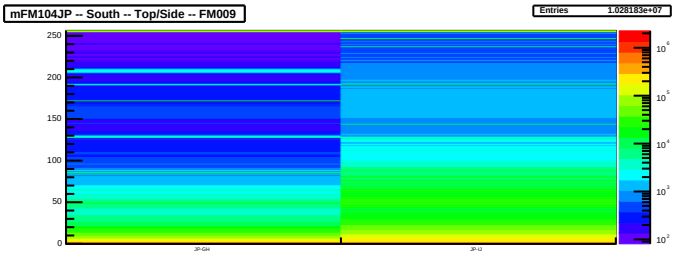
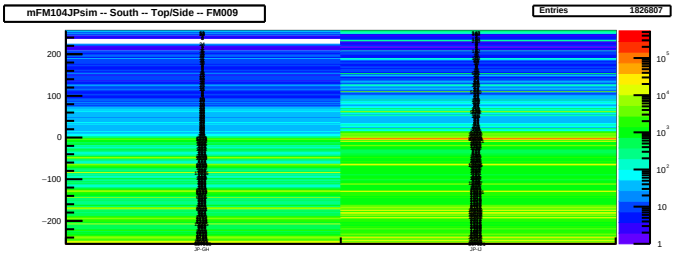
Entries 730823
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.028183e+07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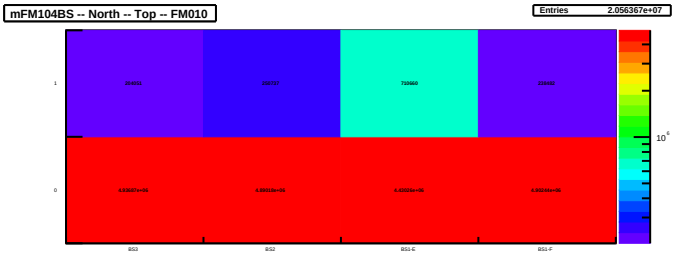
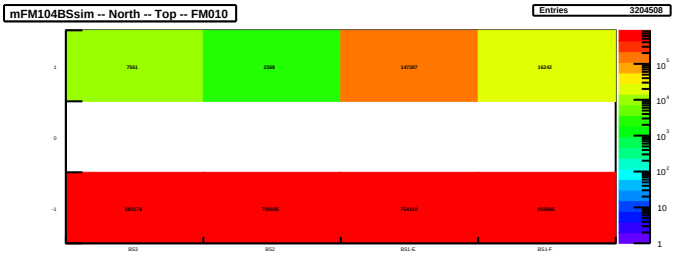
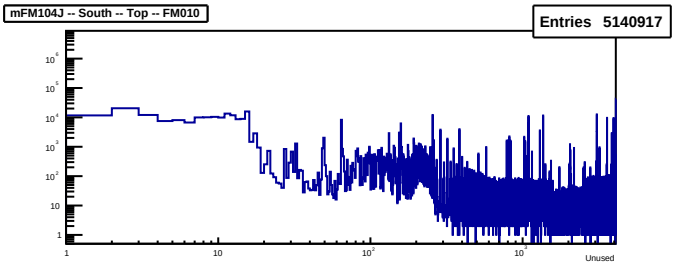
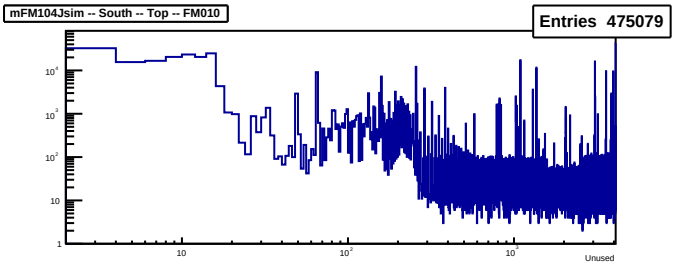
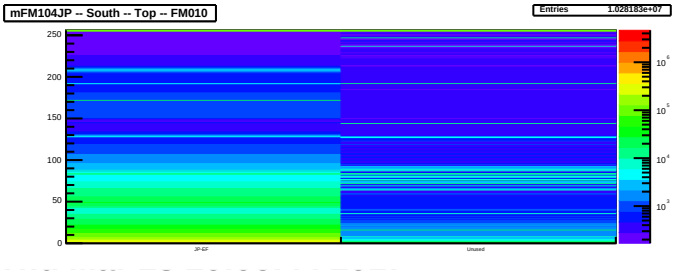
Entries 1826807

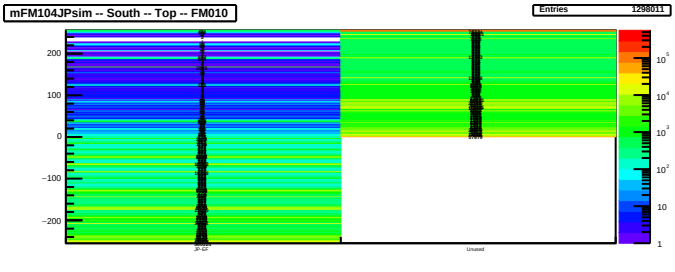

mFM104BS -- North -- Top -- FM010
Entries 2.056367e+07

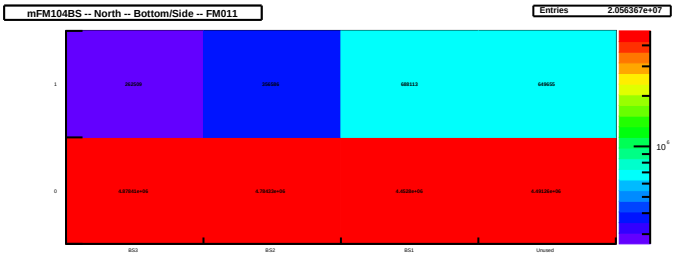

mFM104BSsim -- North -- Top -- FM010
Entries 3204508

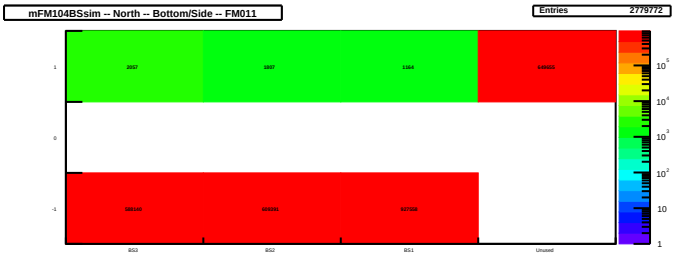

mFM104J -- South -- Top -- FM010
Entries 5140917
Unused

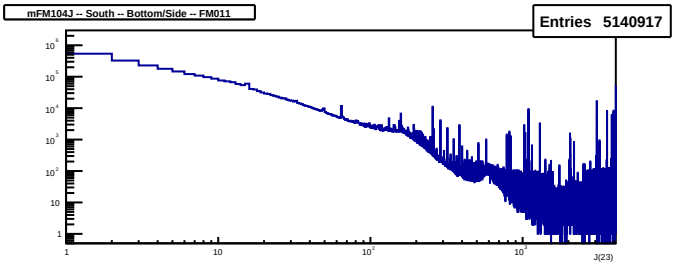

mFM104Jsim -- South -- Top -- FM010
Entries 475079
Unused

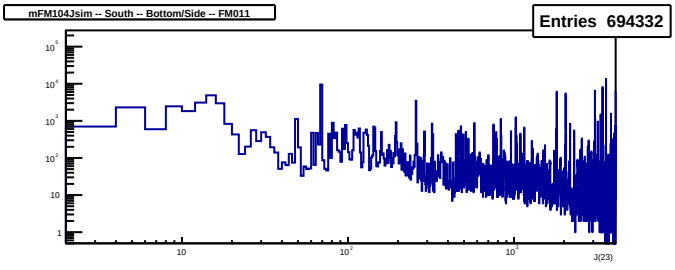

mFM104JP -- South -- Top -- FM010
Entries 1.028183e+07

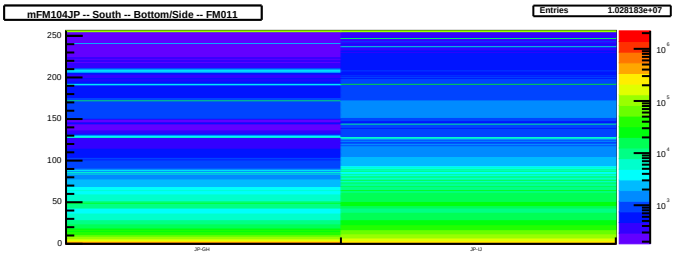

mFM104JPsim -- South -- Top -- FM010
Entries 1298011

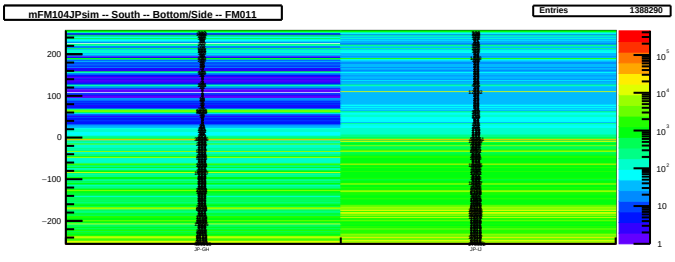

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.056367e+07

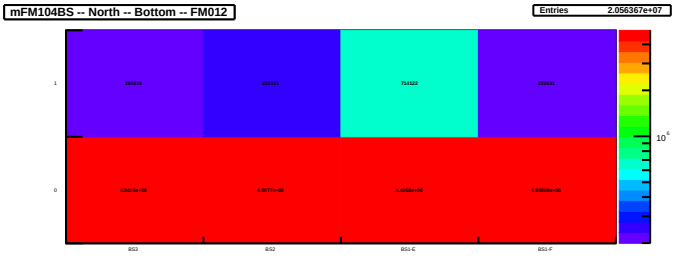

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2779772

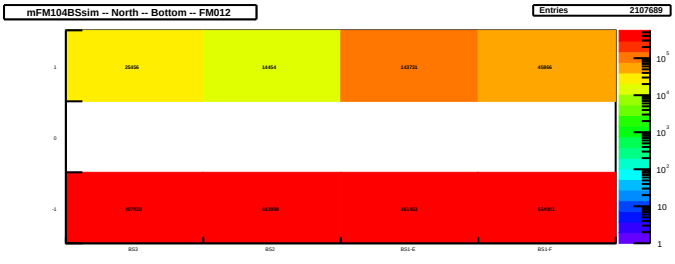

mFM104J -- South -- Bottom/Side -- FM011
Entries 5140917
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 694332
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.028183e+07


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1388290


mFM104BS -- North -- Bottom -- FM012
Entries 2.056367e+07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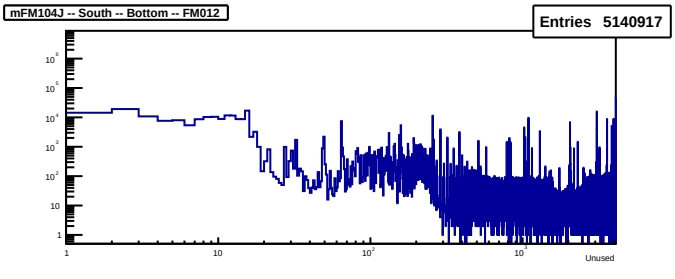
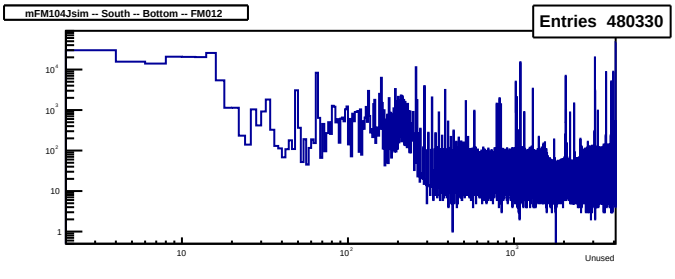
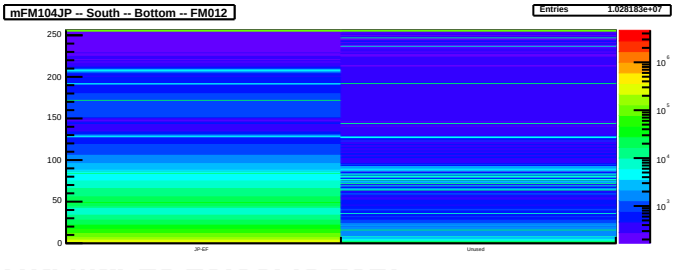
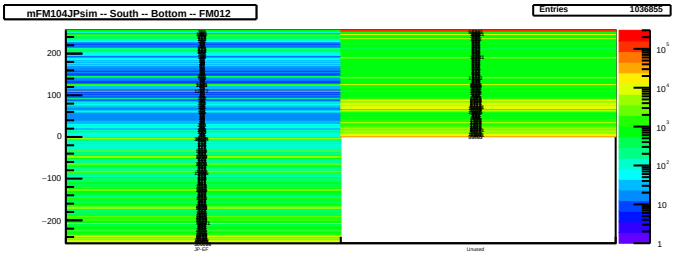
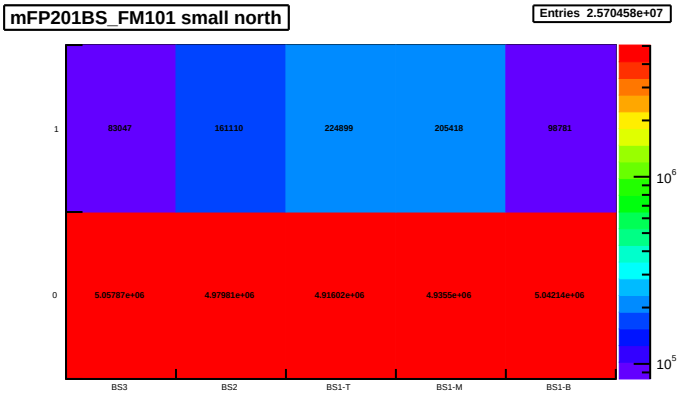
Entries 2107689

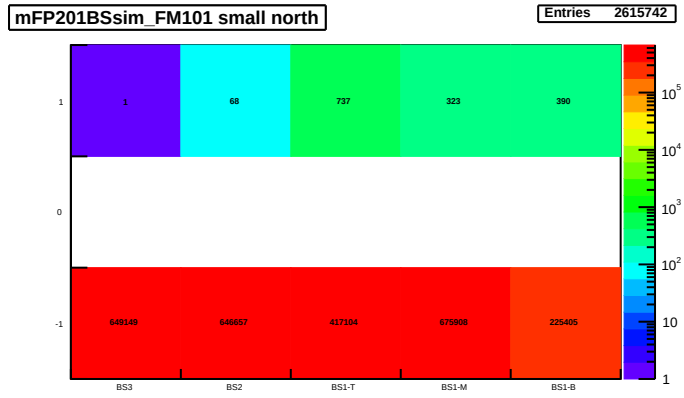

mFM104J -- South -- Bottom -- FM012
Entries 5140917
Unused

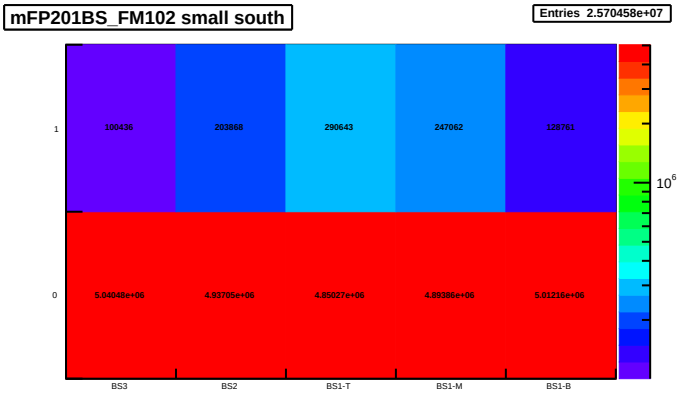

mFM104Jsim -- South -- Bottom -- FM012
Entries 480330
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 1.028183e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 1036855


mFP201BS_FM101 small north
Entries 2.570458e+07
1
0
83047
161110
224899
205418
98781
5.05787e+06
4.97981e+06
4.91602e+06
4.9355e+06
5.04214e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM101 small north
Entries 2615742
1
0
-1
1
68
737
323
390
649149
646657
417104
675908
225405
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 2.570458e+07
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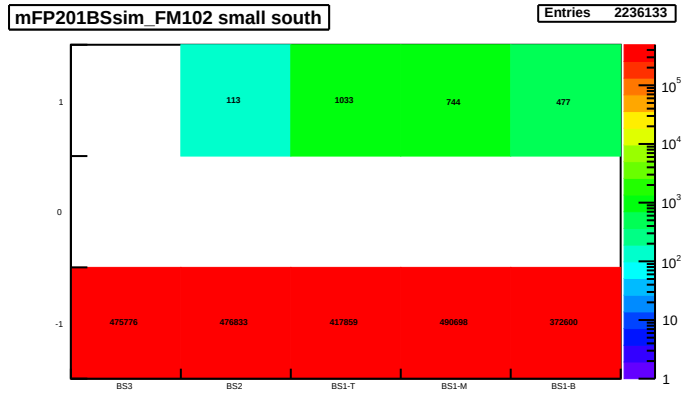
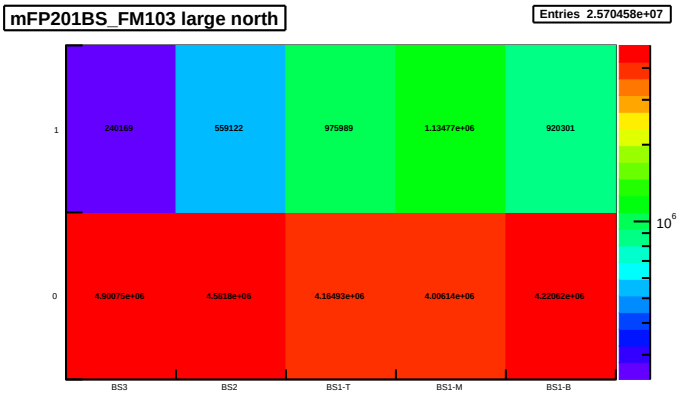
0
100436
203868
290643
247062
128761
5.04048e+06
4.93705e+06
4.85027e+06
4.89386e+06
5.01216e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 2236133
1
0
-1
113
1033
744
477
475776
476833
417859
490698
372600
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 2.570458e+07
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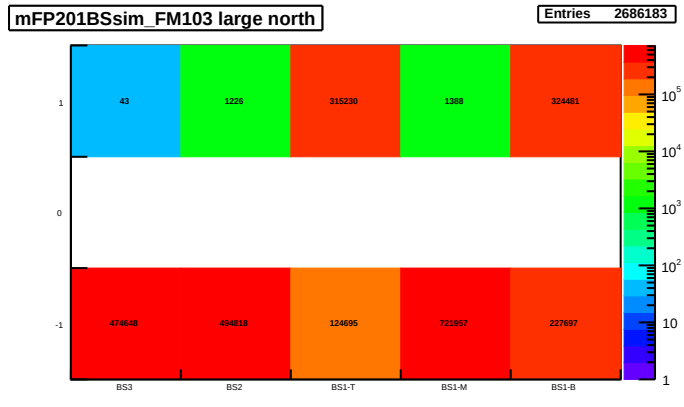
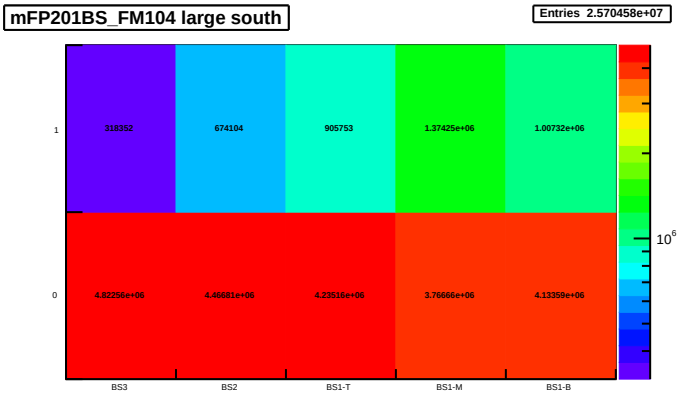
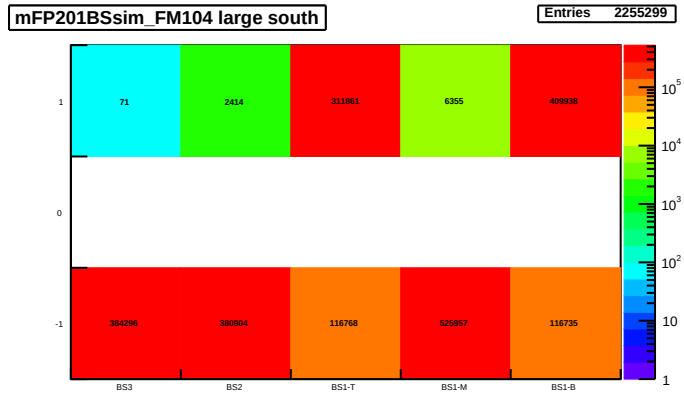
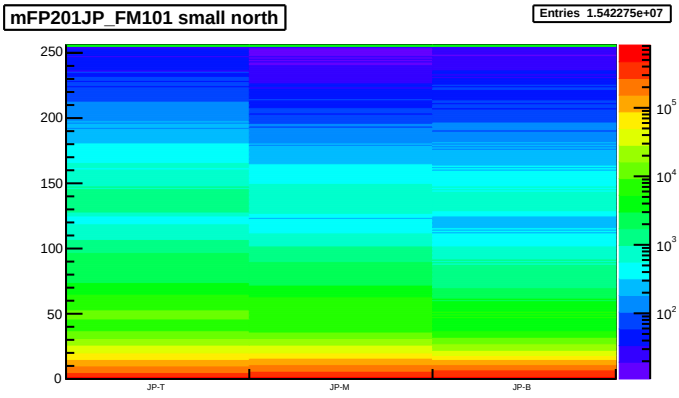
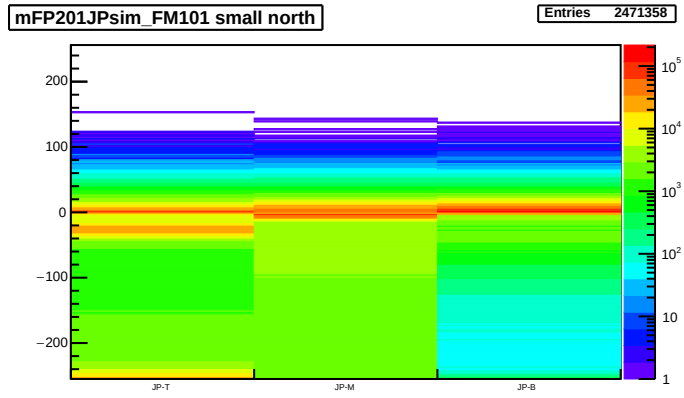
0
240169
559122
975989
1.13477e+06
920301
4.90075e+06
4.5818e+06
4.16493e+06
4.00614e+06
4.22062e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

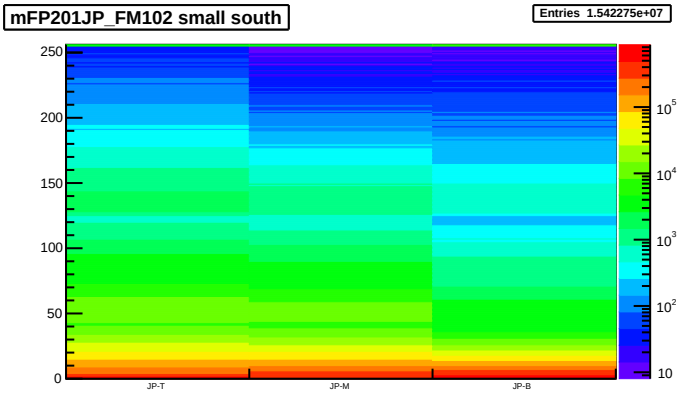

mFP201BSsim_FM103 large north
Entries 2686183
1
0
-1
43
1226
315230
1388
324481
474648
494818
124695
721957
227697
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

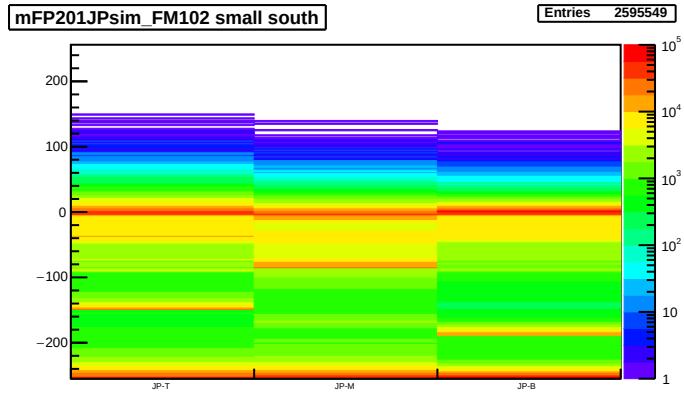

mFP201BS_FM104 large south
Entries 2.570458e+07
1
0
318352
674104
905753
1.37425e+06
1.00732e+06
4.82256e+06
4.46681e+06
4.23516e+06
3.76666e+06
4.13359e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

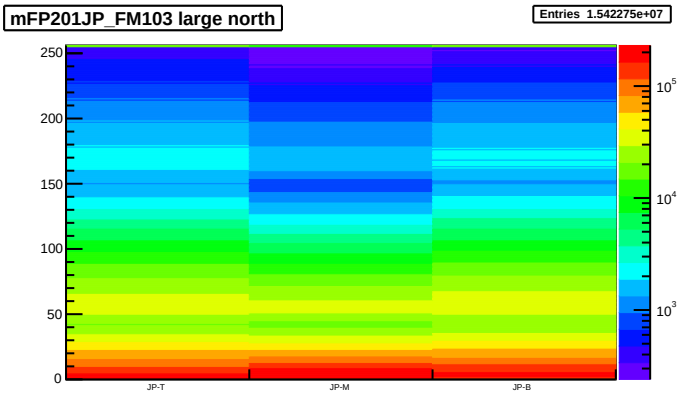

mFP201BSsim_FM104 large south
Entries 2255299
1
0
-1
71
2414
311861
6355
409938
384296
380904
116768
525957
116735
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

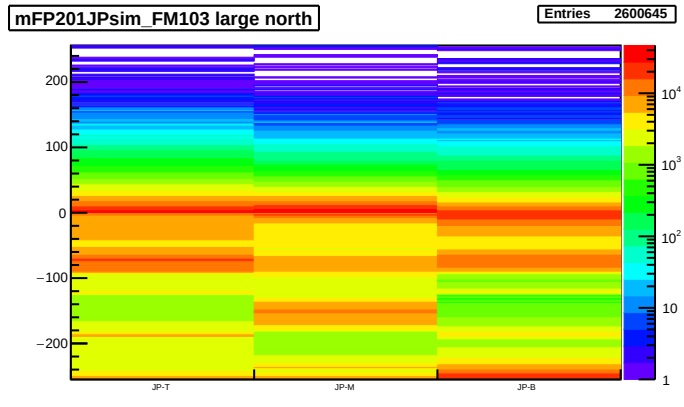

mFP201JP_FM101 small north
Entries 1.542275e+07
JP-T
JP-M
JP-B

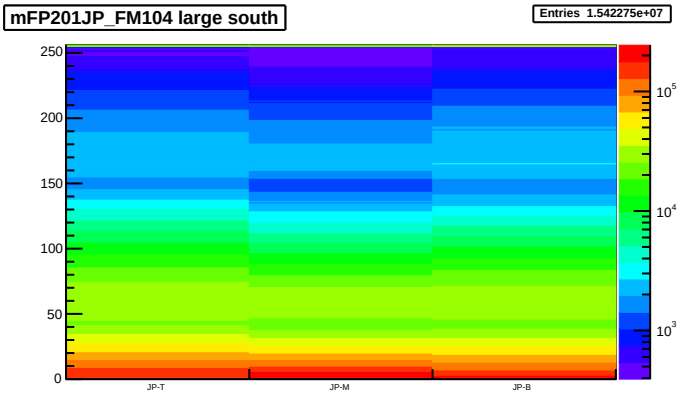

mFP201JPsim_FM101 small north
Entries 2471358
JP-T
JP-M
JP-B

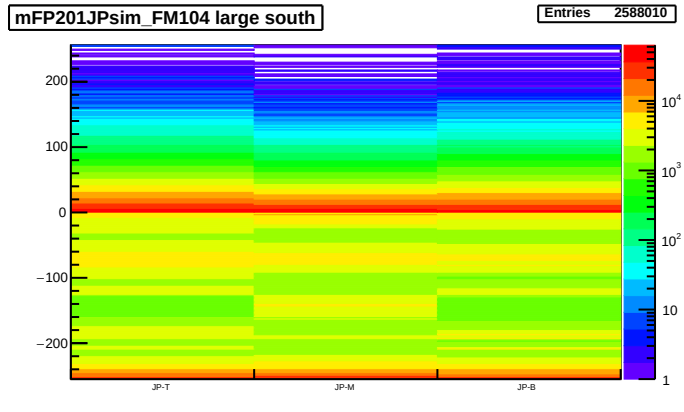

mFP201JP_FM102 small south
Entries 1.542275e+07
JP-T
JP-M
JP-B

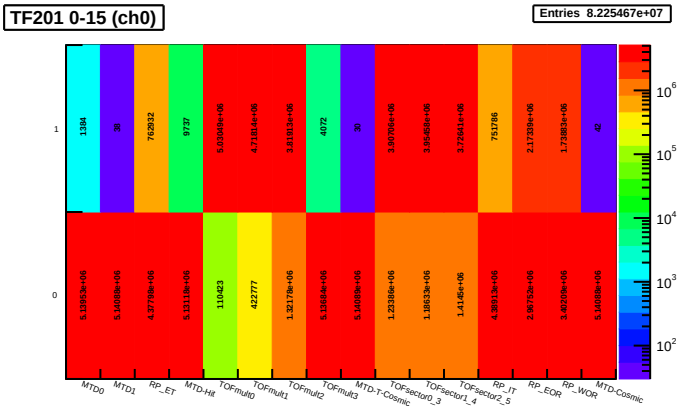

mFP201JPsim_FM102 small south
Entries 2595549
JP-T
JP-M
JP-B

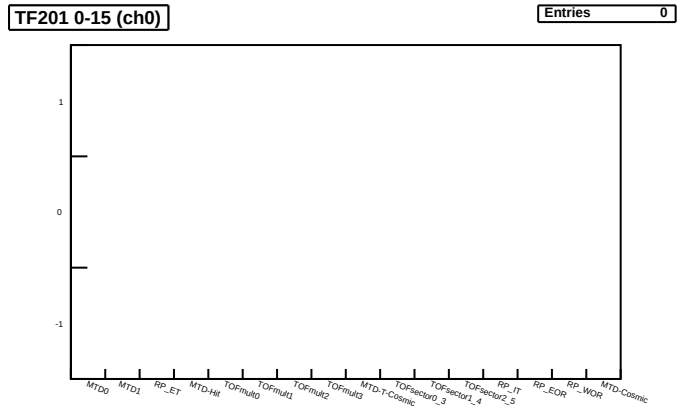

mFP201JP_FM103 large north
Entries 1.542275e+07
JP-T
JP-M
JP-B

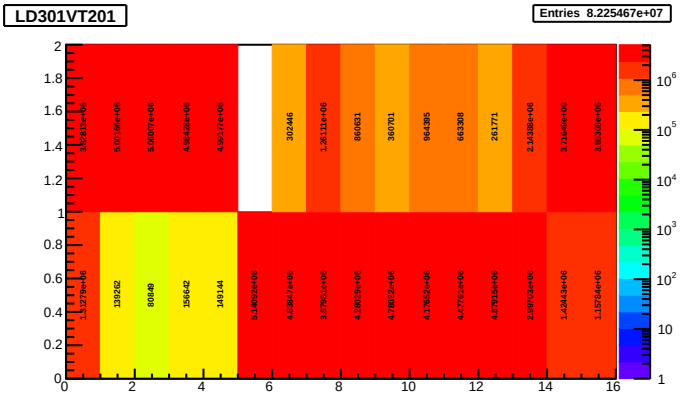

mFP201JPsim_FM103 large north
Entries 2600645
JP-T
JP-M
JP-B

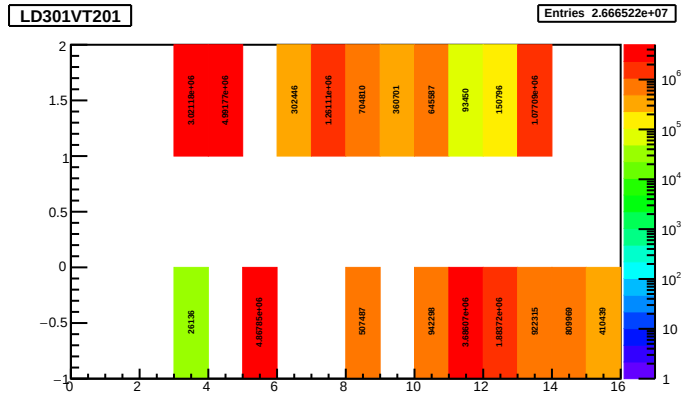

mFP201JP_FM104 large south
Entries 1.542275e+07
JP-T
JP-M
JP-B

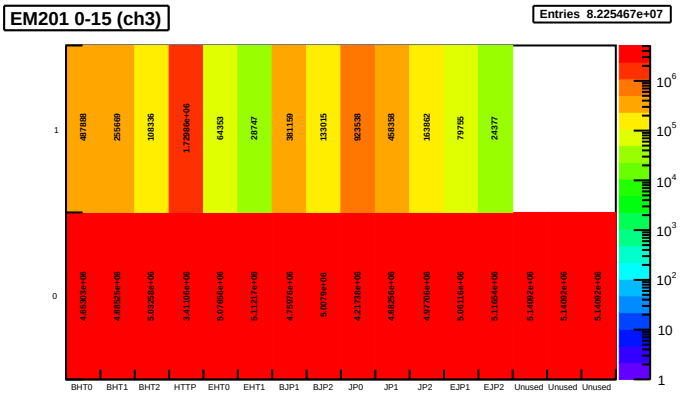

mFP201JPsim_FM104 large south
Entries 2588010
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.225467e+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 8.225467e+07


LD301VT201
Entries 2.666522e+07


EM201 0-15 (ch3)
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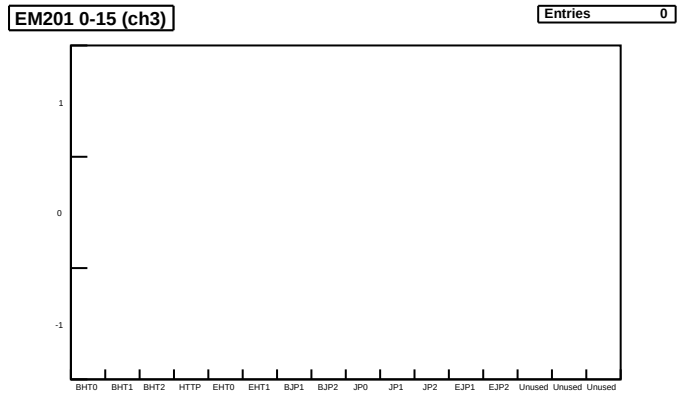
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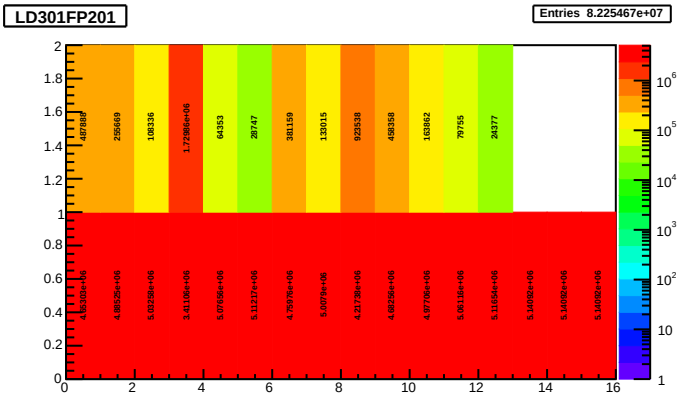
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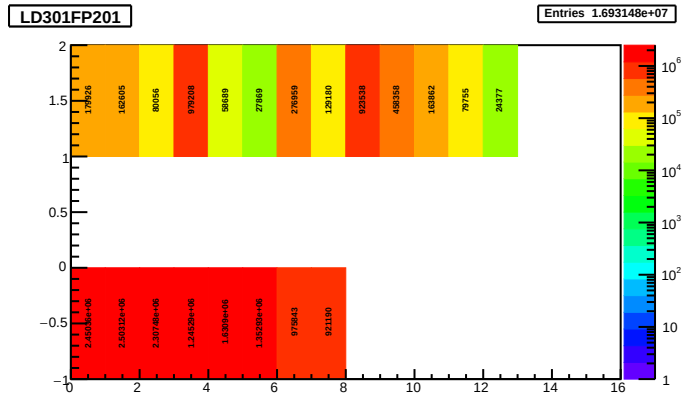
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