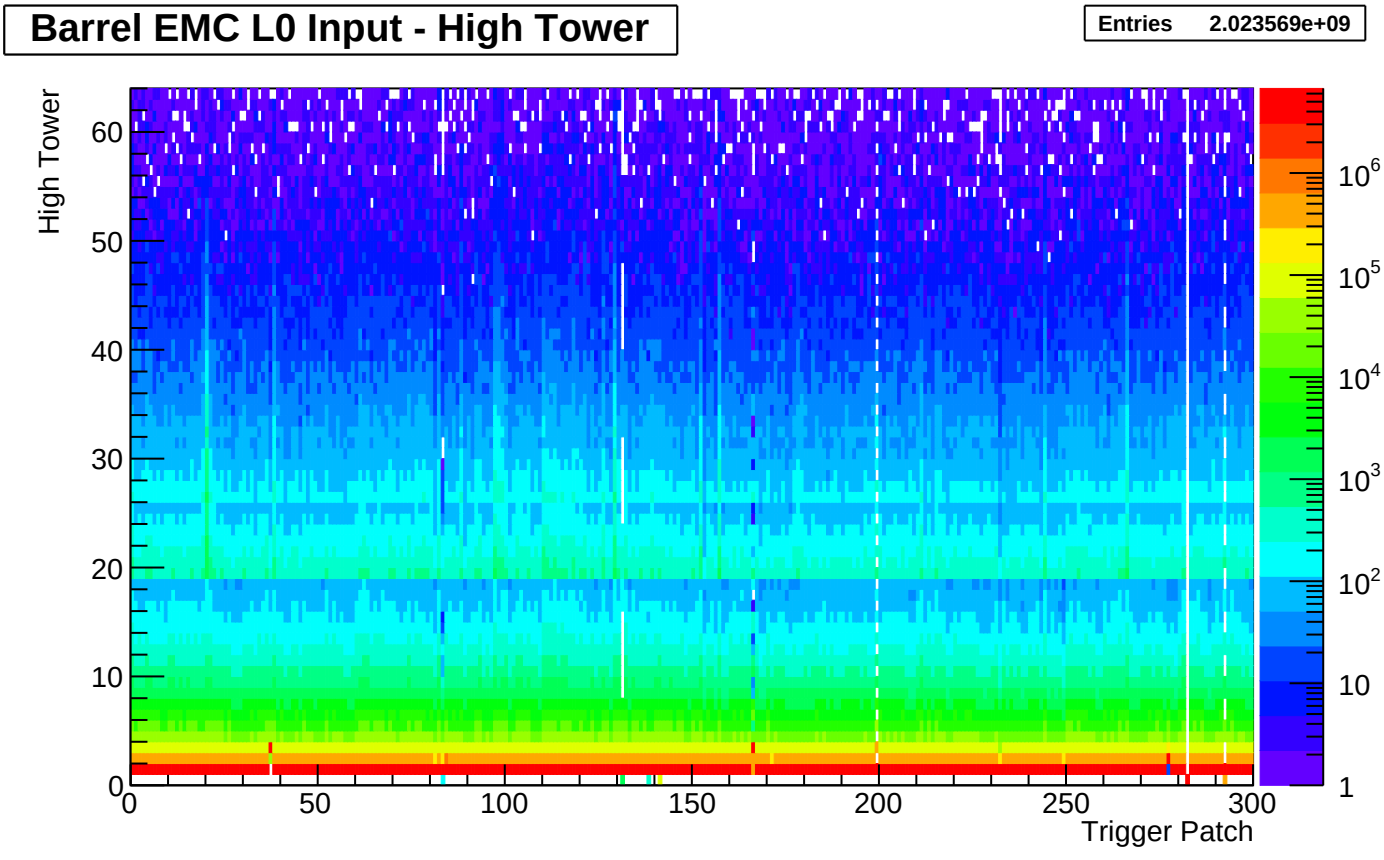
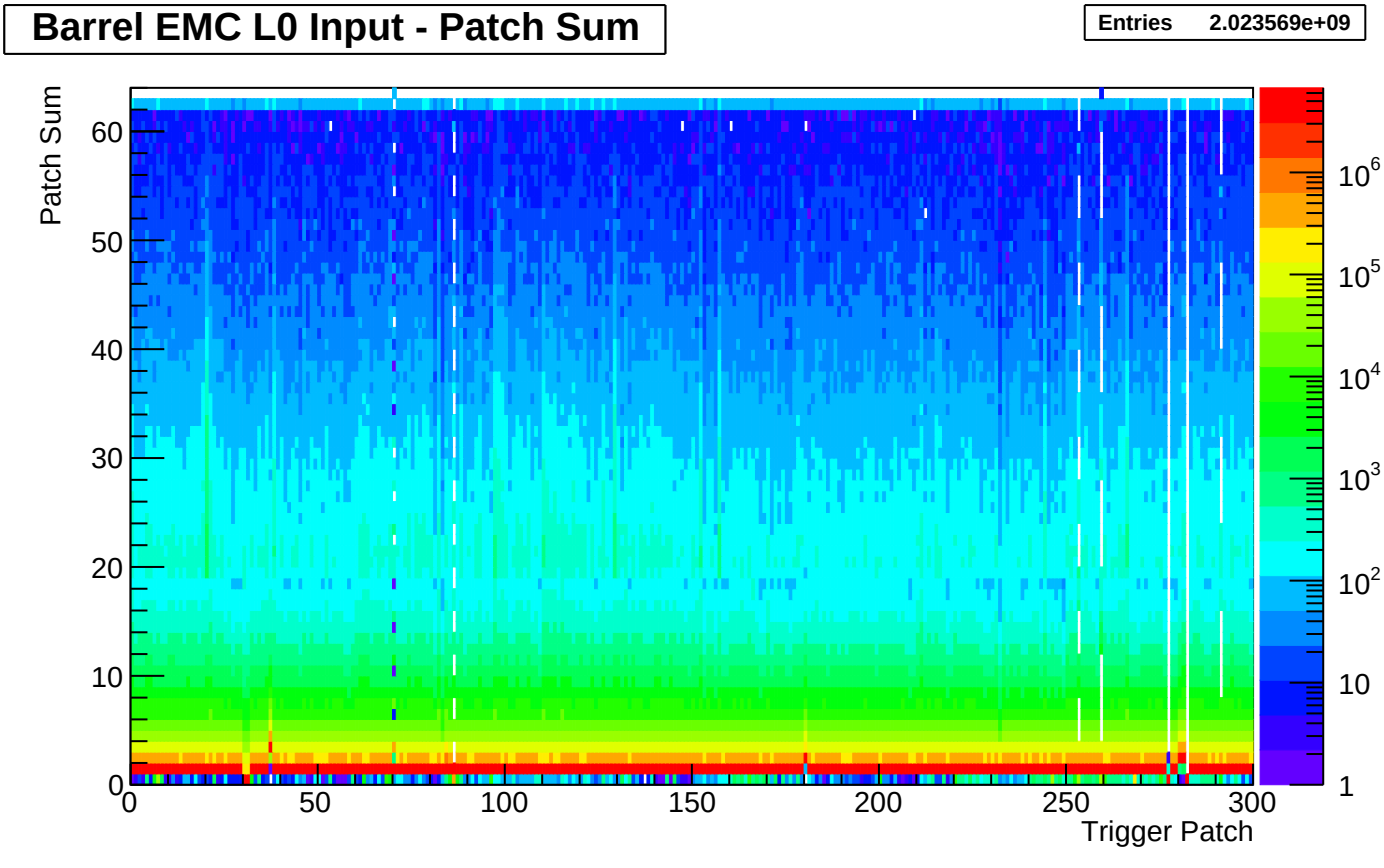
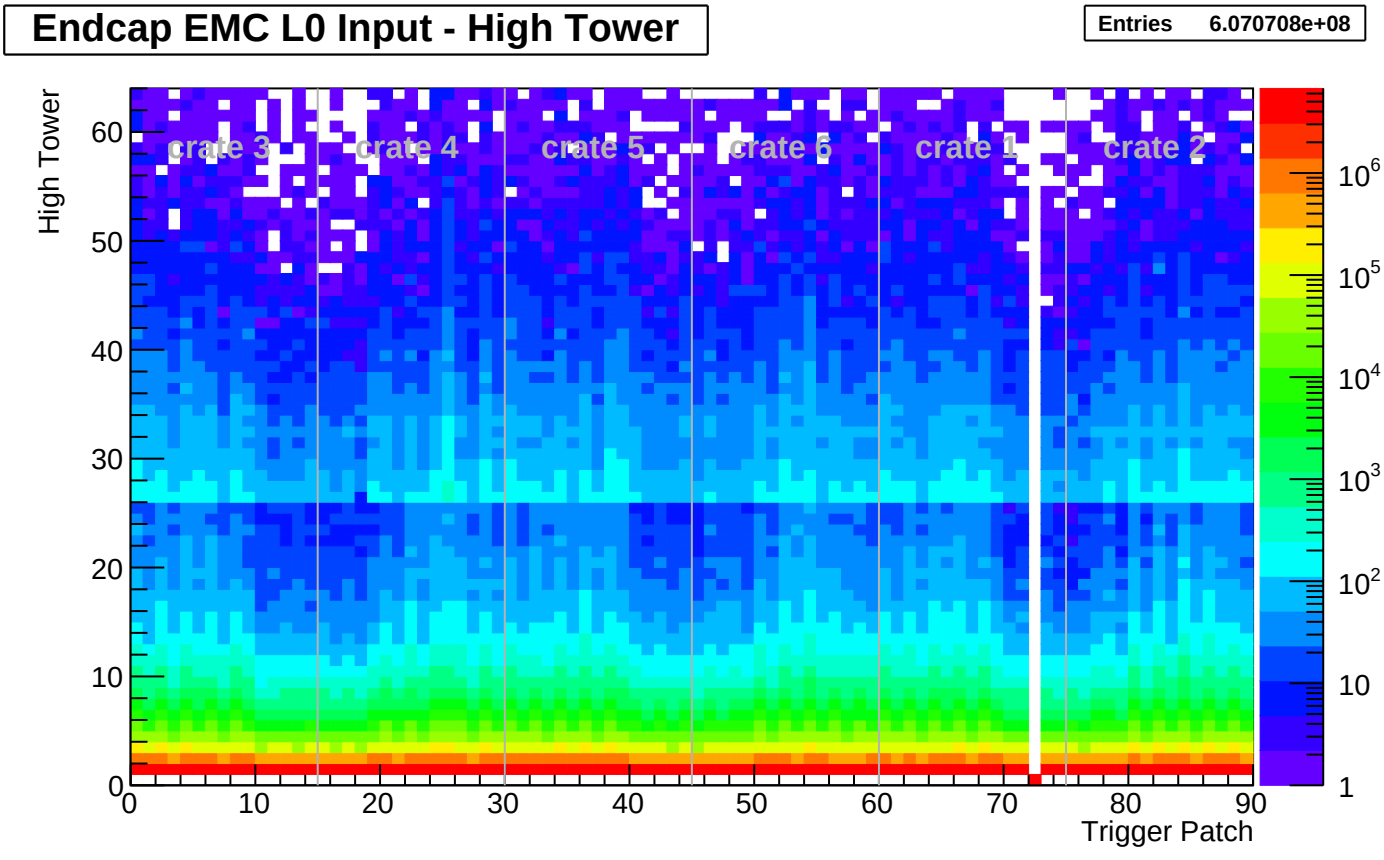
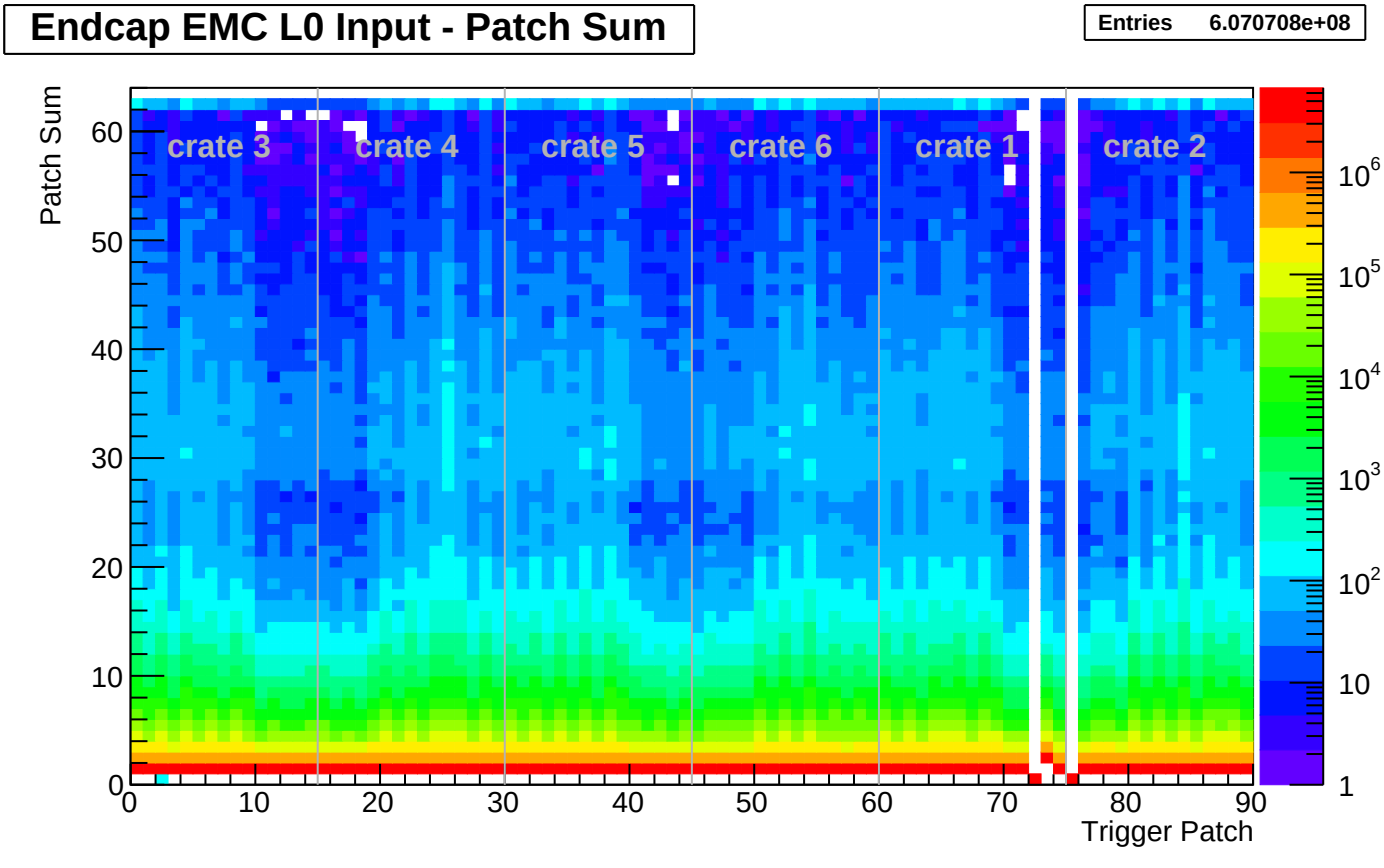
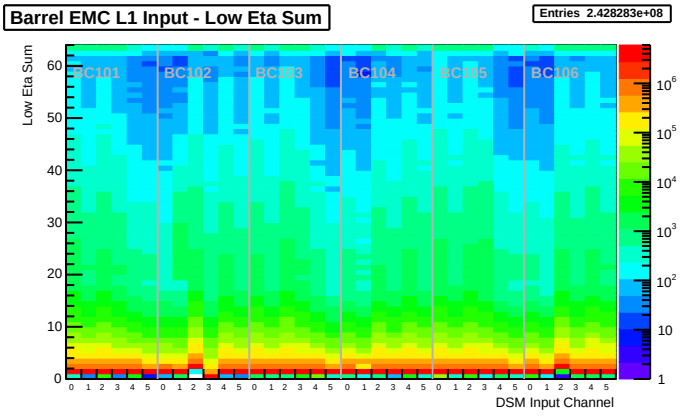
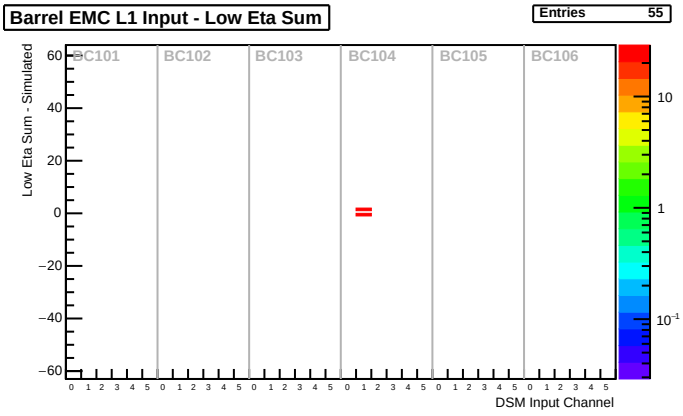

Barrel EMC L0 Input - High Tower
Entries 2.023569e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

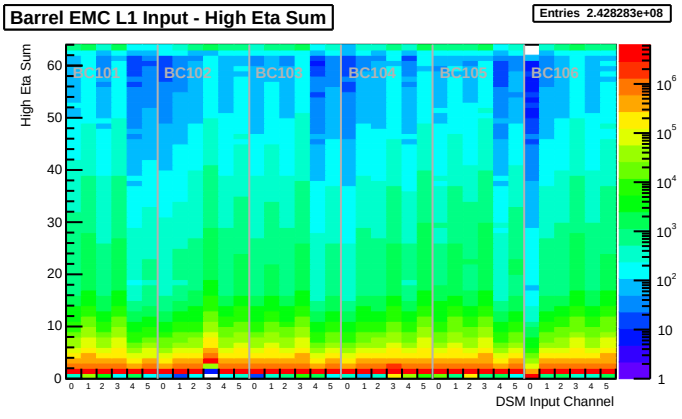

Barrel EMC L0 Input - Patch Sum
Entries 2.023569e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

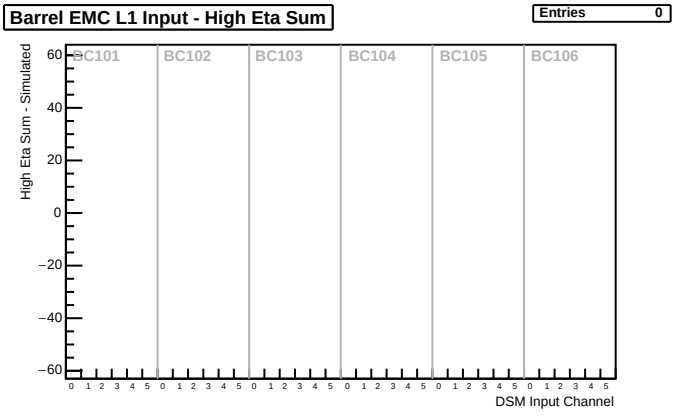

Endcap EMC L0 Input - High Tower
Entries 6.070708e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

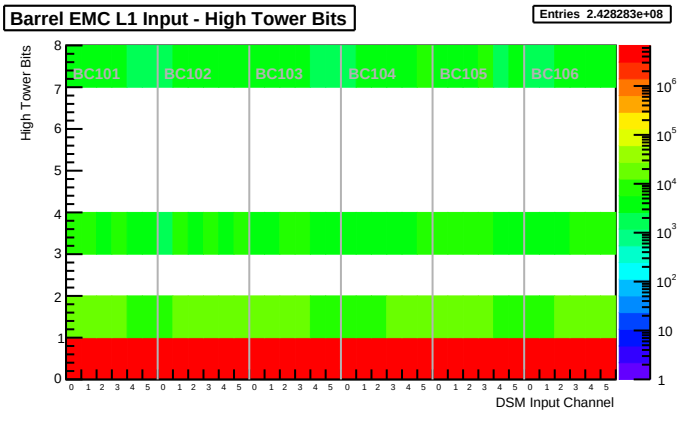

Endcap EMC L0 Input - Patch Sum
Entries 6.070708e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

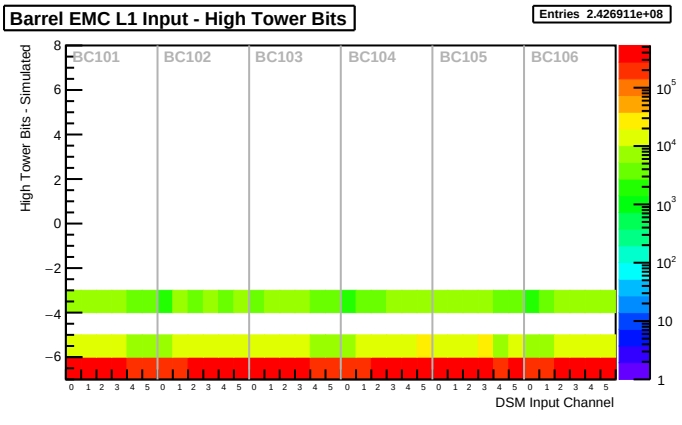

Barrel EMC L1 Input - Low Eta Sum
Entries 2.428283e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

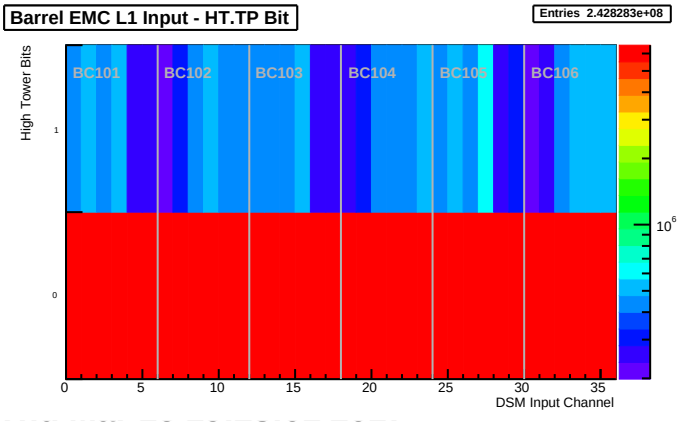

Barrel EMC L1 Input - Low Eta Sum
Entries 55
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

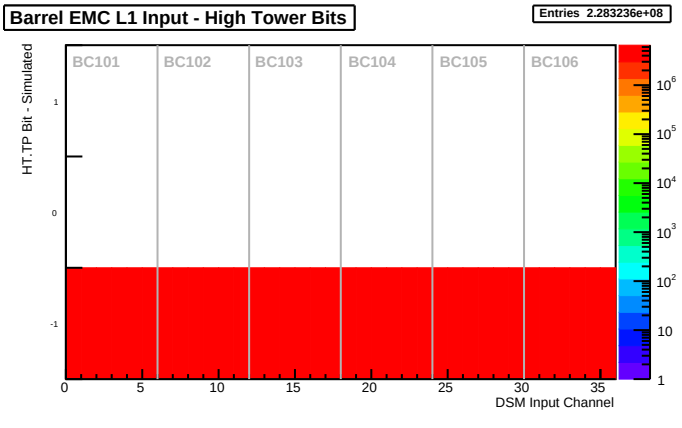

Barrel EMC L1 Input - High Eta Sum
Entries 2.428283e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

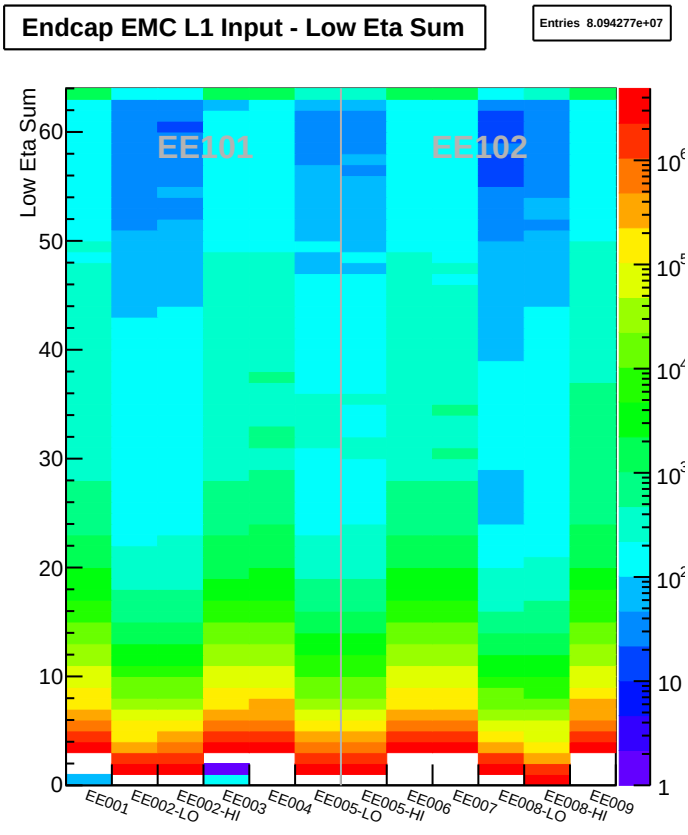

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

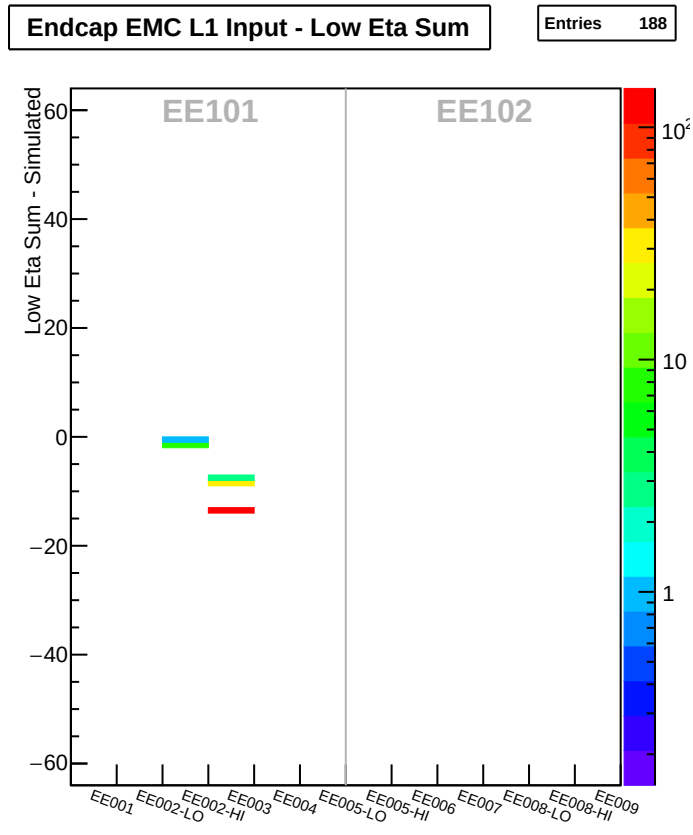

Barrel EMC L1 Input - High Tower Bits
Entries 2.428283e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

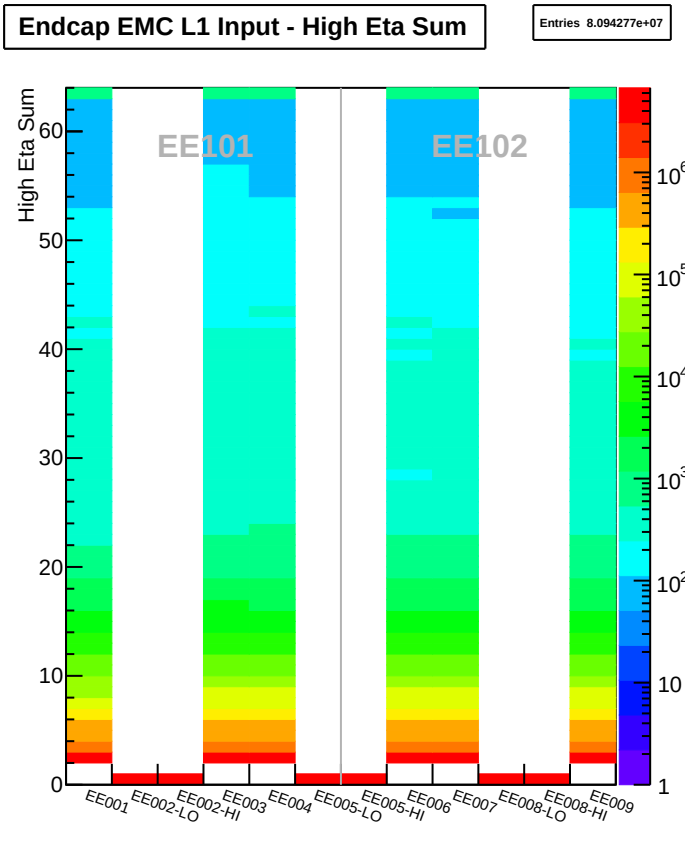

Barrel EMC L1 Input - High Tower Bits
Entries 2.426911e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

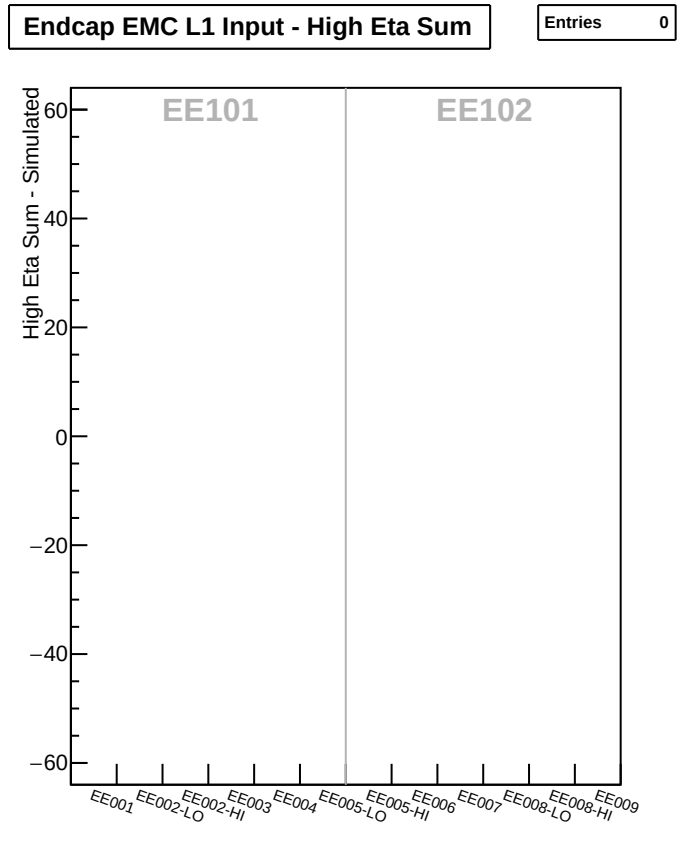

Barrel EMC L1 Input - HT.TP Bit
Entries 2.428283e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 2.283236e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

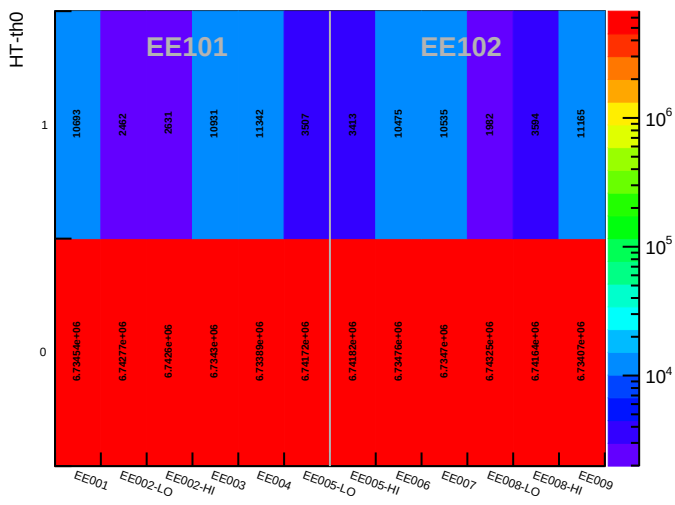

Endcap EMC L1 Input - Low Eta Sum
Entries 8.094277e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 188
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

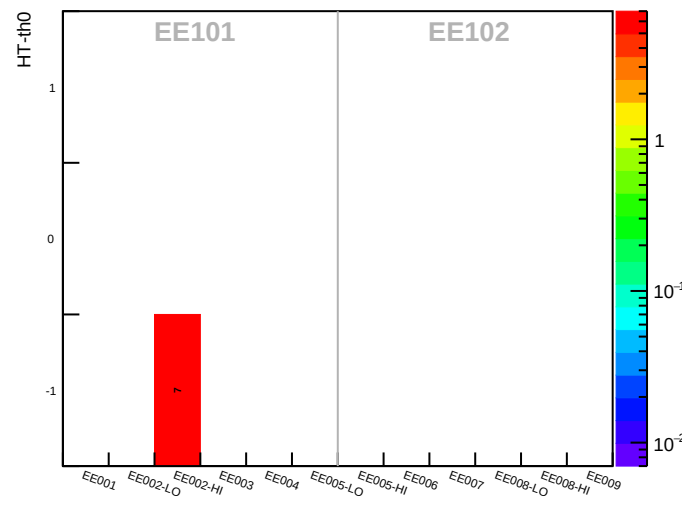

Endcap EMC L1 Input - High Eta Sum
Entries 8.094277e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

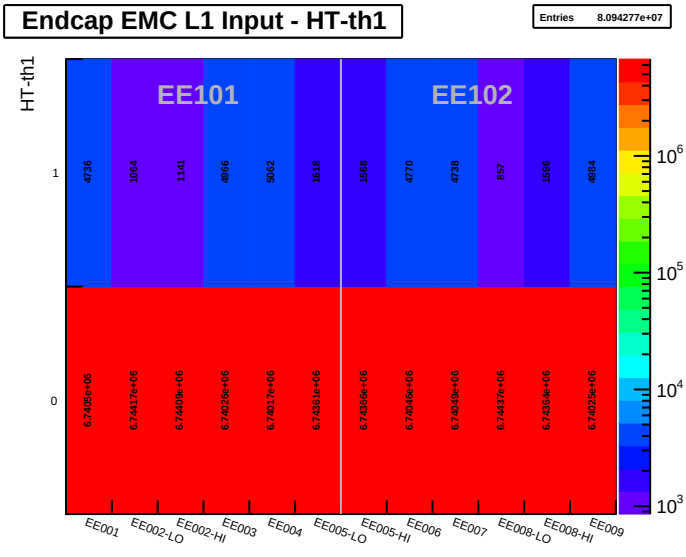
Endcap EMC L1 Input - HT-th0



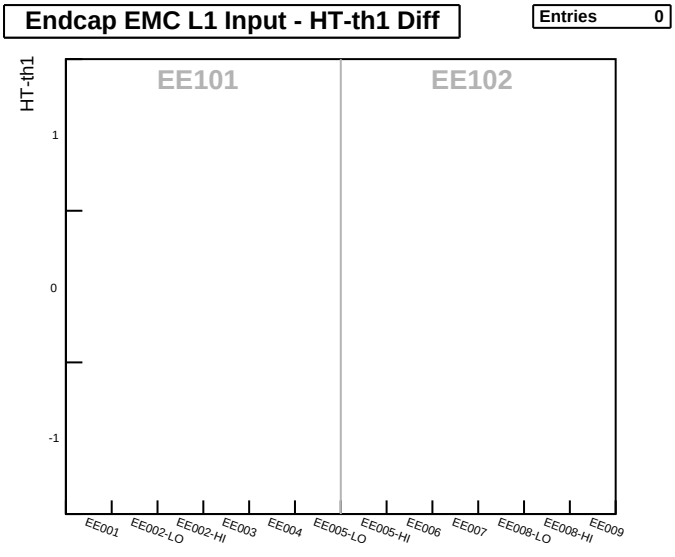
Endcap EMC L1 Input - HT-th0 Diff



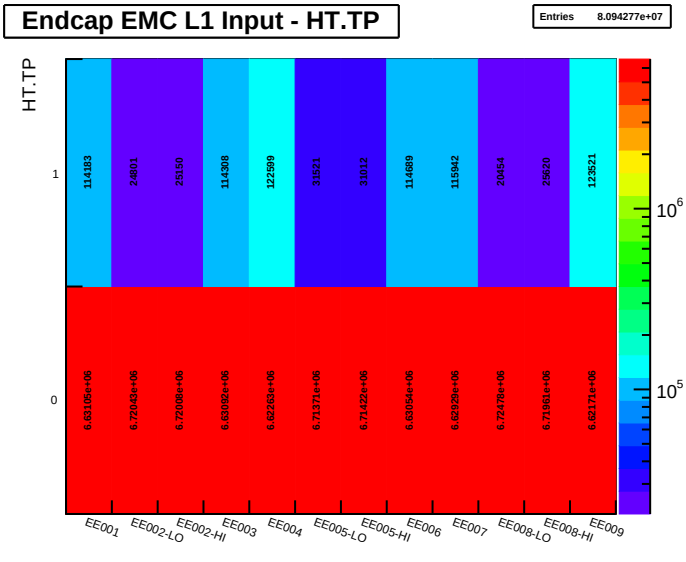
Endcap EMC L1 Input - HT-th1



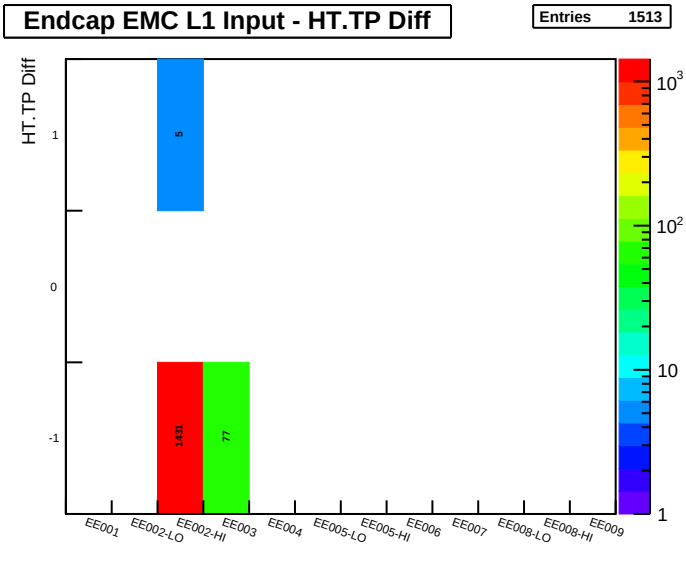
Endcap EMC L1 Input - HT-th1 Diff

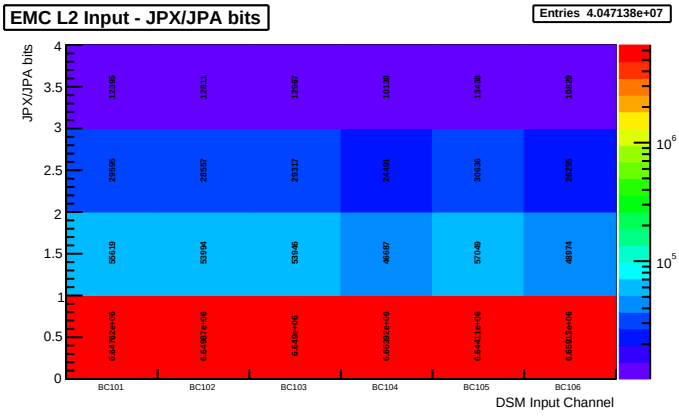


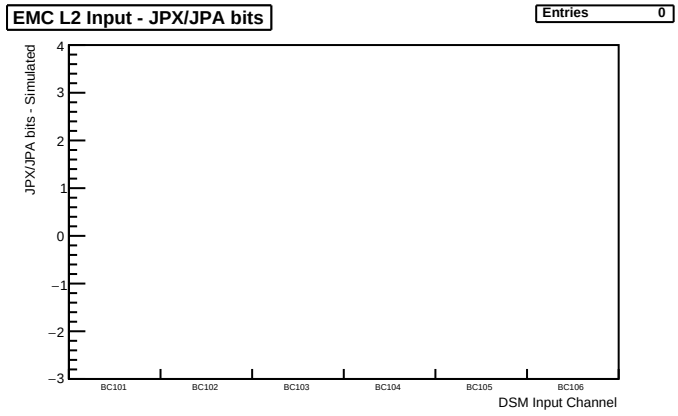
Endcap EMC L1 Input - HT.TP

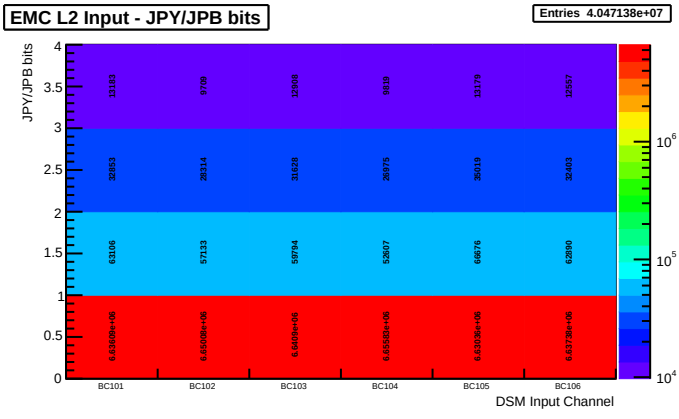


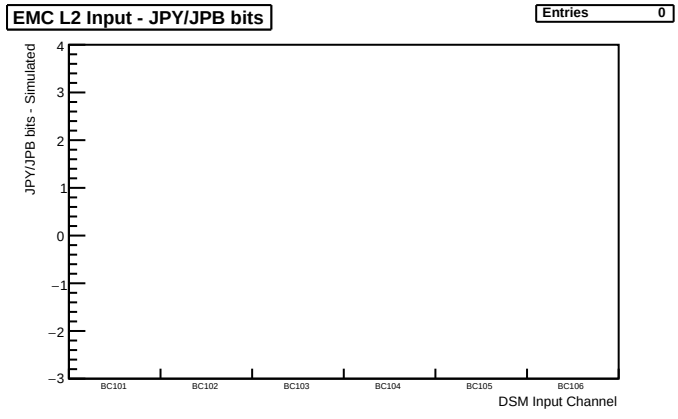
Endcap EMC L1 Input - HT.TP Diff

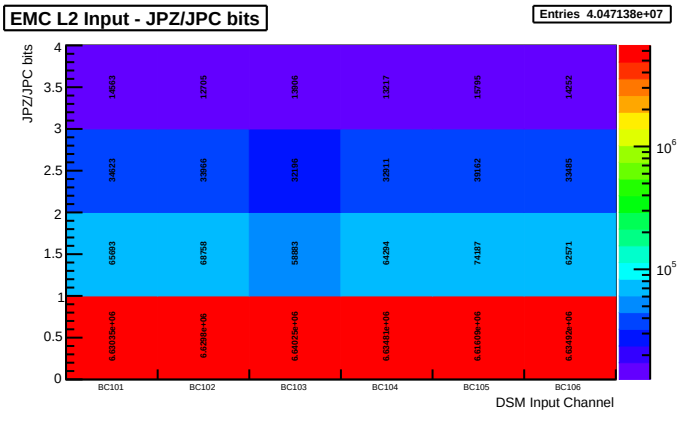


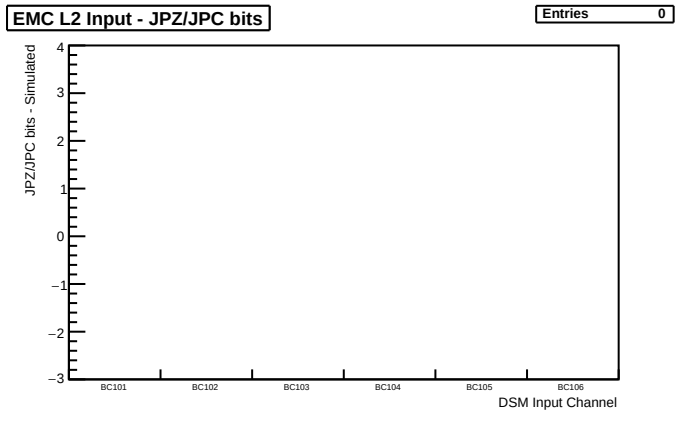

EMC L2 Input - JPX/JPA bits
Entries 4.047138e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12395
12811
12967
10138
13438
10929
29595
28957
29317
24491
30636
26205
56619
53994
53946
46687
57049
48974
6.64762e+06
6.64987e+06
6.649e+06
6.65322e+06
6.64411e+06
6.65913e+06

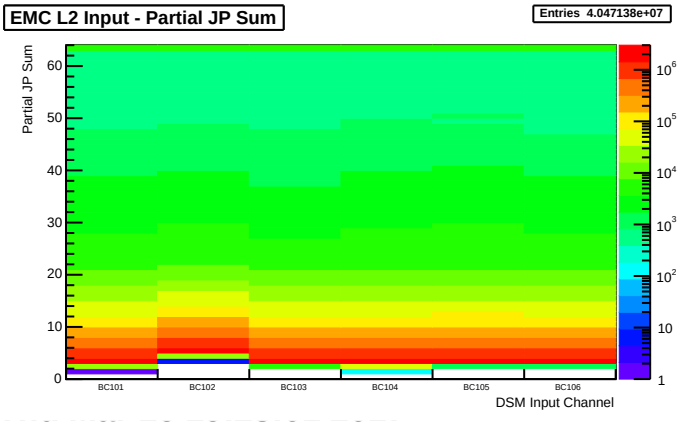

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

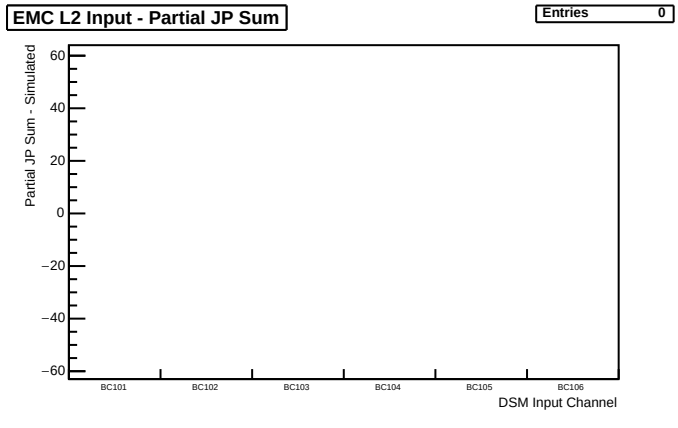

EMC L2 Input - JPY/JPB bits
Entries 4.047138e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13183
9709
12908
9919
13179
12557
32853
28314
31828
26975
35019
32403
63106
57133
59794
52607
66676
62890
6.63169e+06
6.65089e+06
6.6099e+06
6.65383e+06
6.63036e+06
6.63739e+06

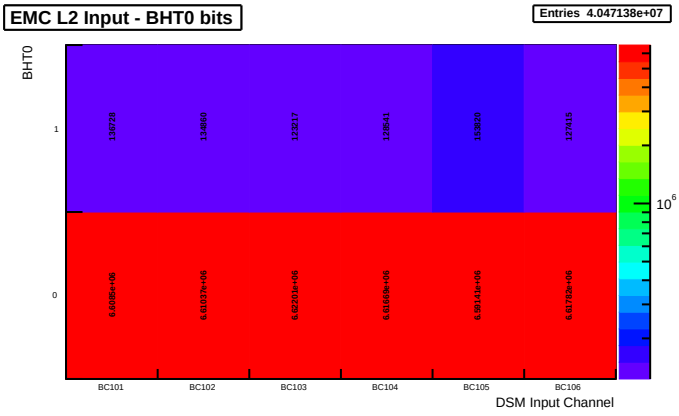

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

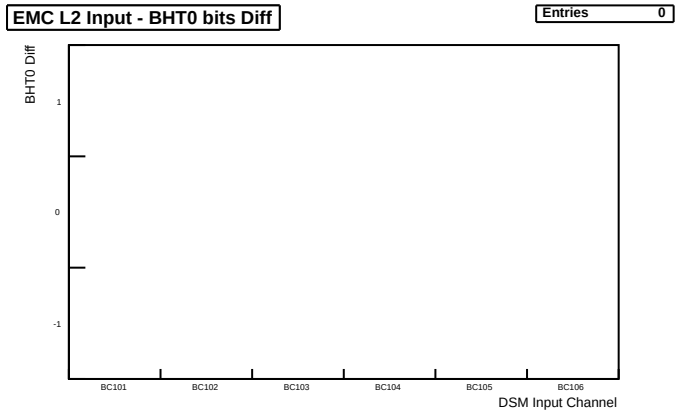

EMC L2 Input - JPZ/JPC bits
Entries 4.047138e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14533
12705
13906
13217
15795
14252
34623
33866
32196
32911
39162
33485
65693
68758
58883
64294
74187
62571
6.63035e+06
6.6298e+06
6.64025e+06
6.63431e+06
6.61698e+06
6.63492e+06

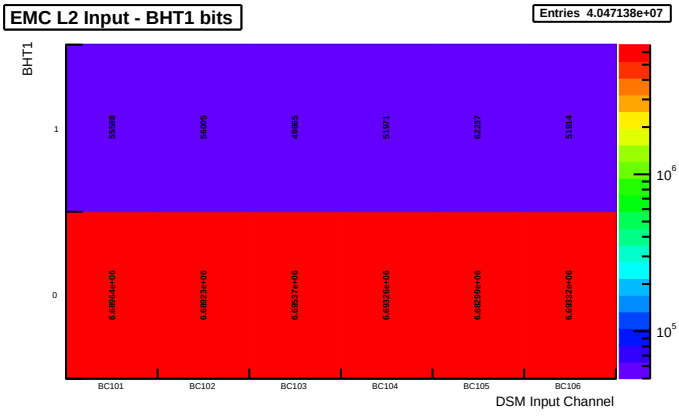

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

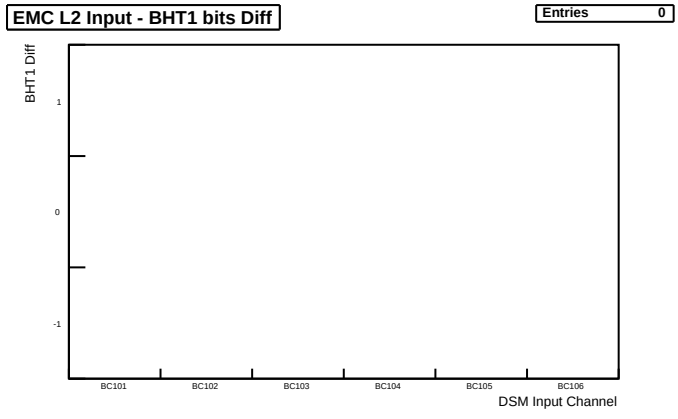

EMC L2 Input - Partial JP Sum
Entries 4.047138e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

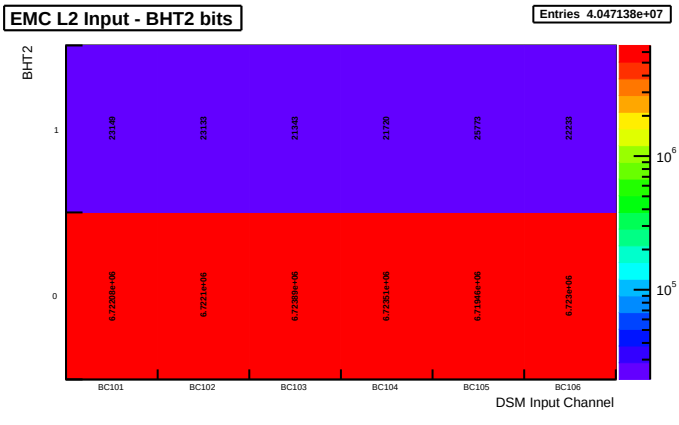

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

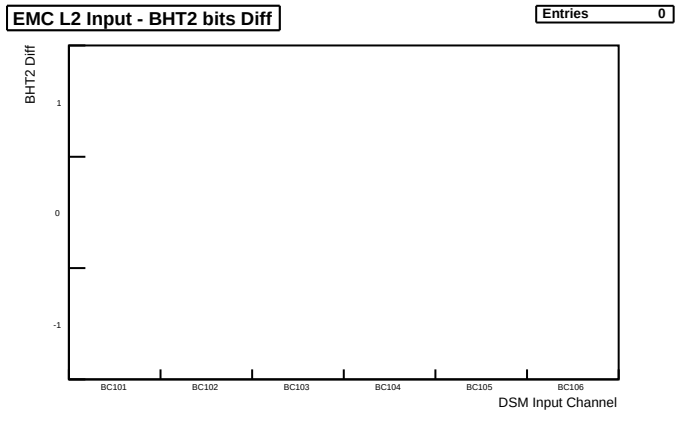

EMC L2 Input - BHT0 bits
Entries 4.047138e+07
BHT0
1
0
135728
134860
123217
128541
115320
127015
6.6085e+06
6.6107e+06
6.6201e+06
6.6169e+06
6.6141e+06
6.6178e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

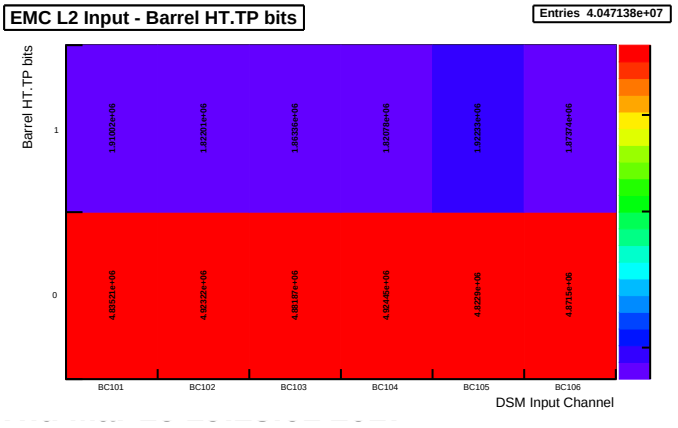

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

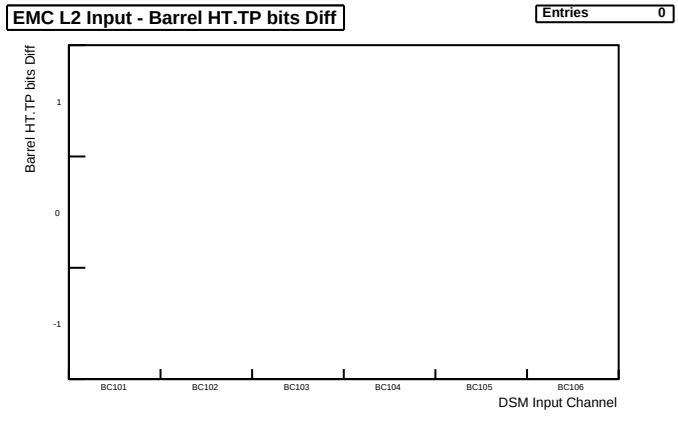

EMC L2 Input - BHT1 bits
Entries 4.047138e+07
BHT1
1
0
55888
56005
49865
51971
62257
51914
6.68944e+06
6.68923e+06
6.69337e+06
6.69326e+06
6.68999e+06
6.69322e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

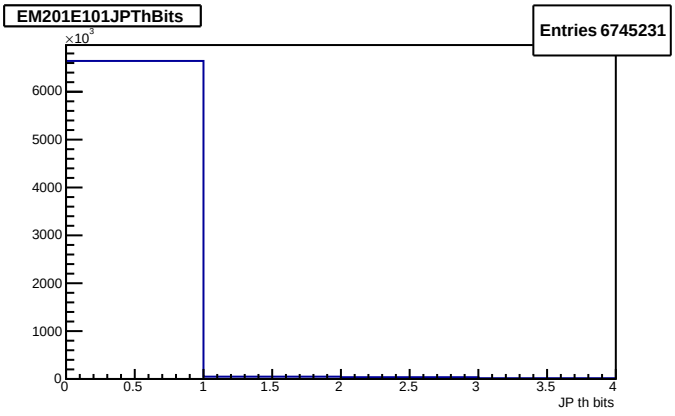

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

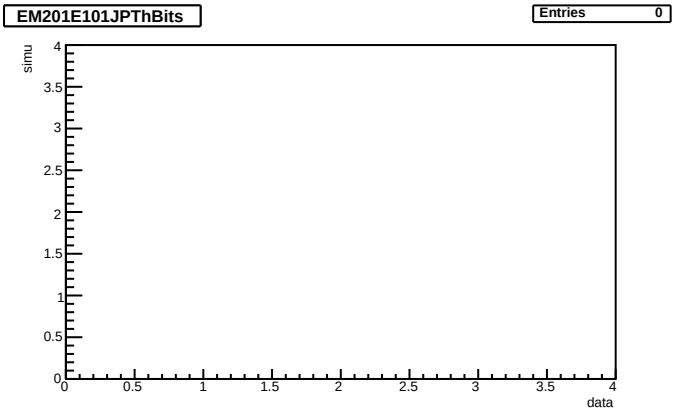

EMC L2 Input - BHT2 bits
Entries 4.047138e+07
BHT2
1
0
23149
23133
21343
21720
25773
22233
6.72269e+06
6.7221e+06
6.72389e+06
6.72351e+06
6.71946e+06
6.7228e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

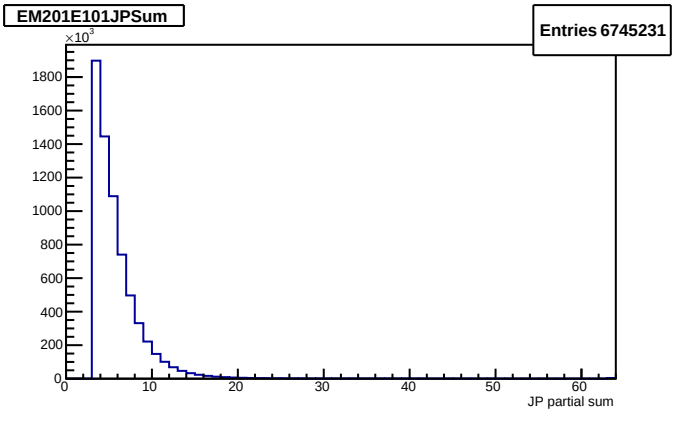

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

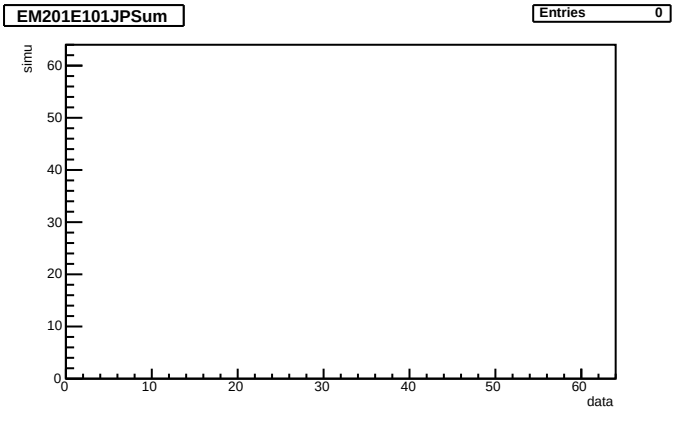

EMC L2 Input - Barrel HT.TP bits
Entries 4.047138e+07
Barrel HT.TP bits
1
0
1.91002e+06
1.92201e+06
1.86356e+06
1.92078e+06
1.92233e+06
1.92724e+06
4.83521e+06
4.92322e+06
4.88107e+06
4.92445e+06
4.8229e+06
4.8215e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

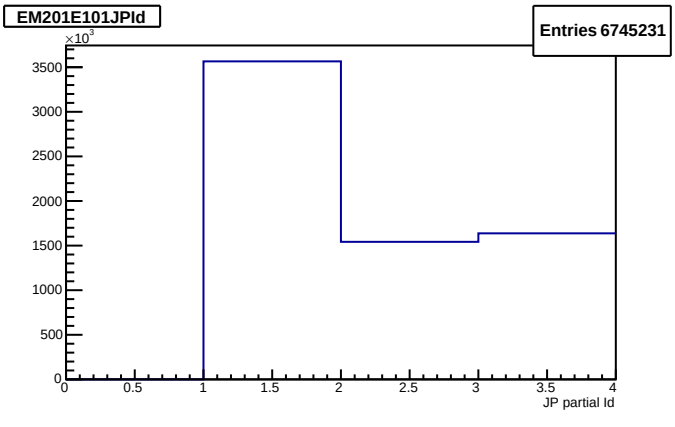

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

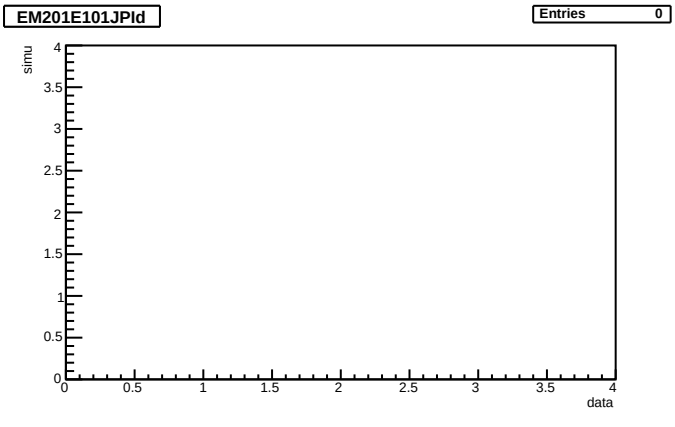

EM201E101JPThBits
Entries 6745231
×10^3
JP th bits

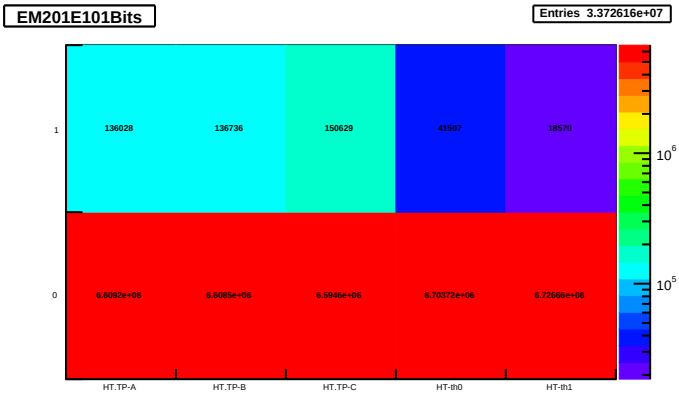

EM201E101JPThBits
Entries 0
simu
data

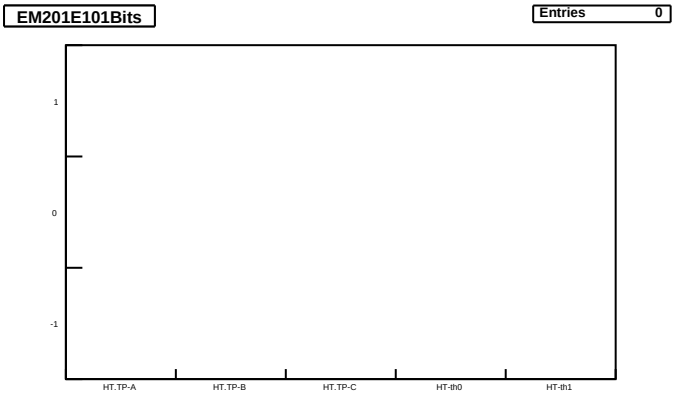

EM201E101JPSum
Entries 6745231
×10^3
JP partial sum

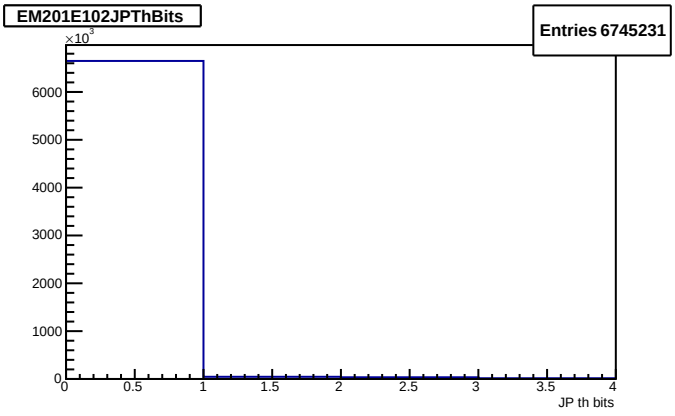

EM201E101JPSum
Entries 0
simu
data

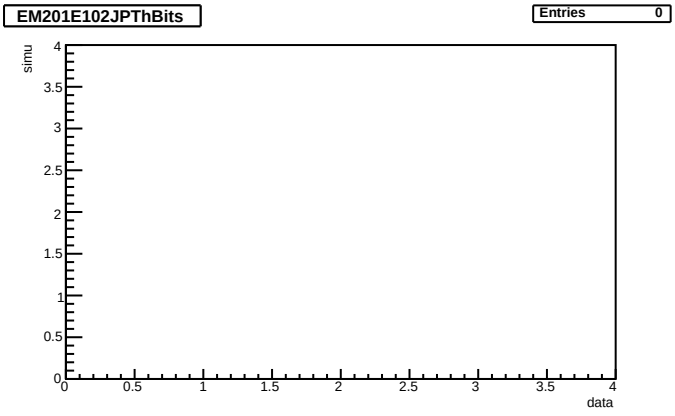

EM201E101JPId
Entries 6745231
×10^3
JP partial Id

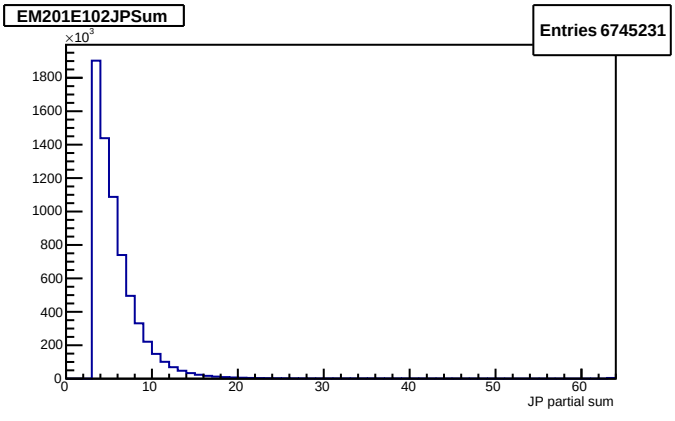

EM201E101JPId
Entries 0
simu
data

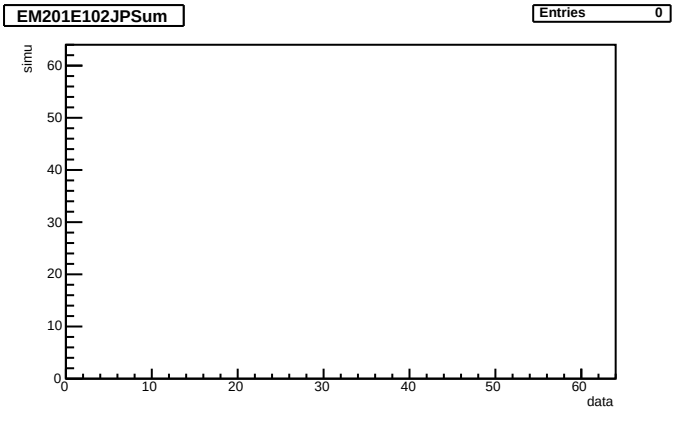

EM201E101Bits
Entries 3.372616e+07
136028
136736
150629
41507
18570
6.6092e+06
6.6085e+06
6.5946e+06
6.70372e+06
6.72666e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

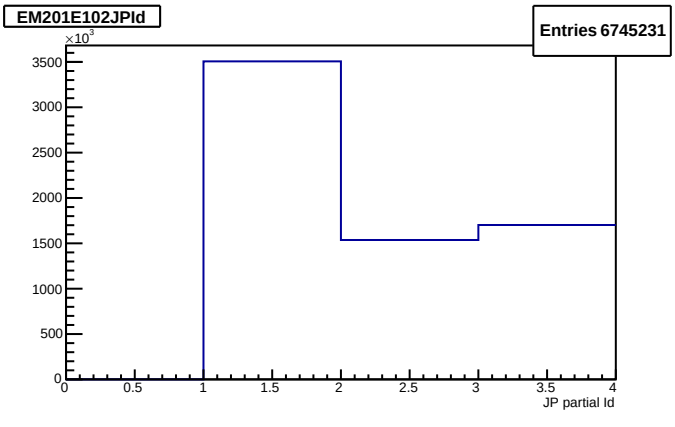

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

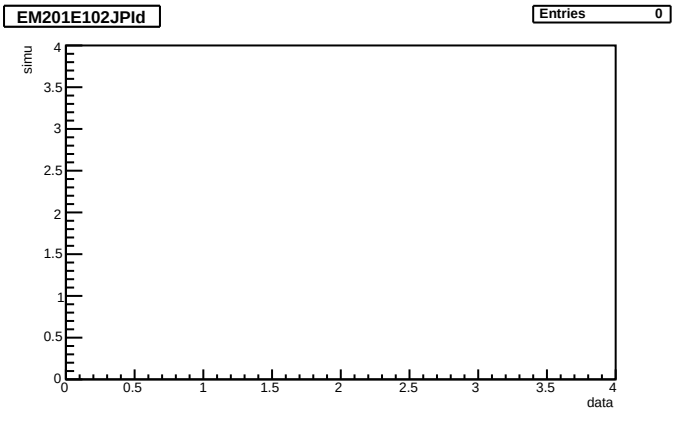

EM201E102JPThBits
Entries 6745231
×10^3
JP th bits

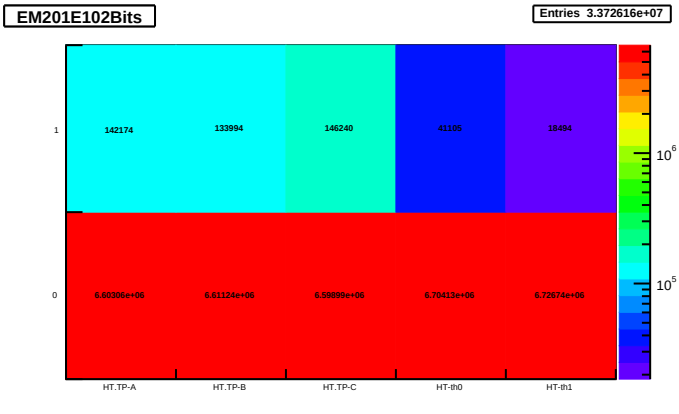

EM201E102JPThBits
Entries 0
simu
data

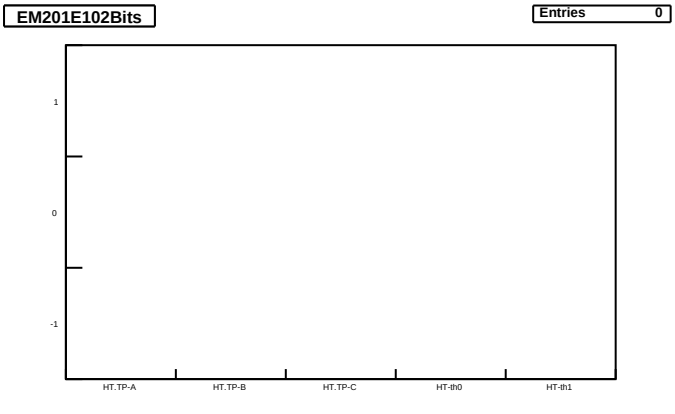

EM201E102JPSum
Entries 6745231
×10^3
JP partial sum

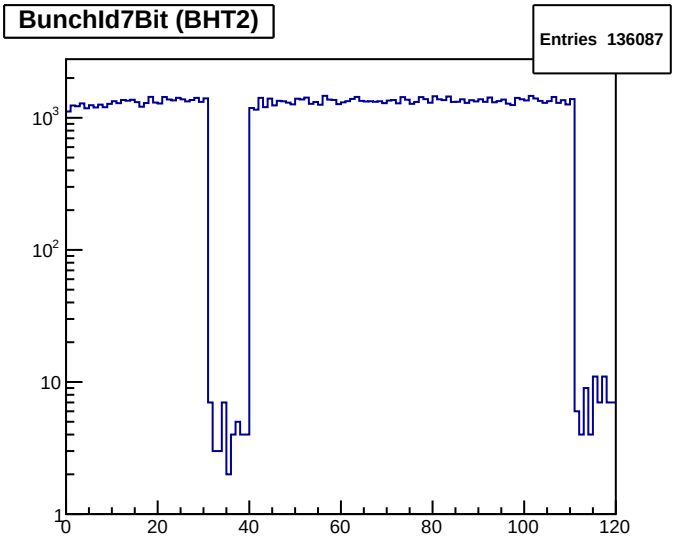

EM201E102JPSum
Entries 0
simu
data

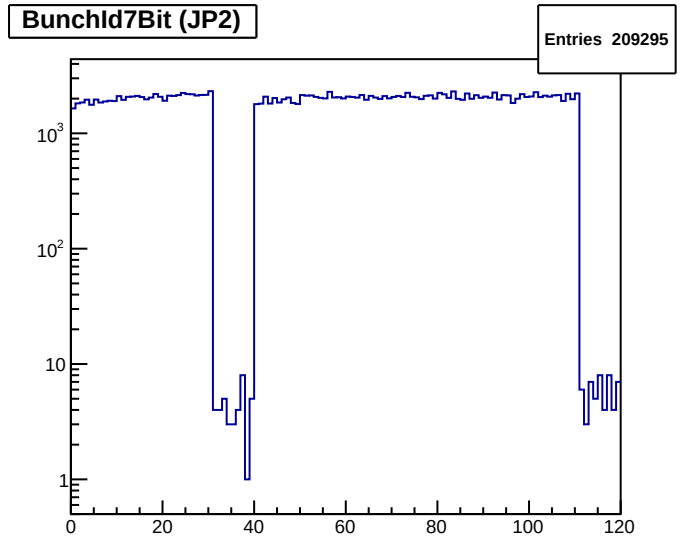

EM201E102JPId
Entries 6745231
×10^3
JP partial Id

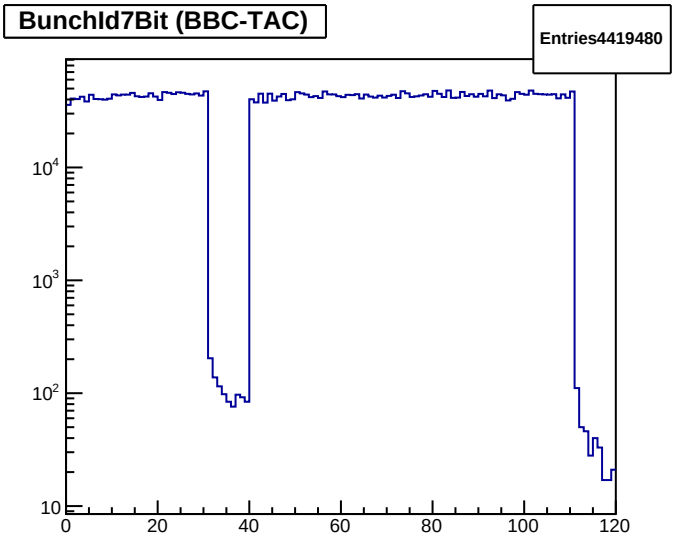

EM201E102JPId
Entries 0
simu
data

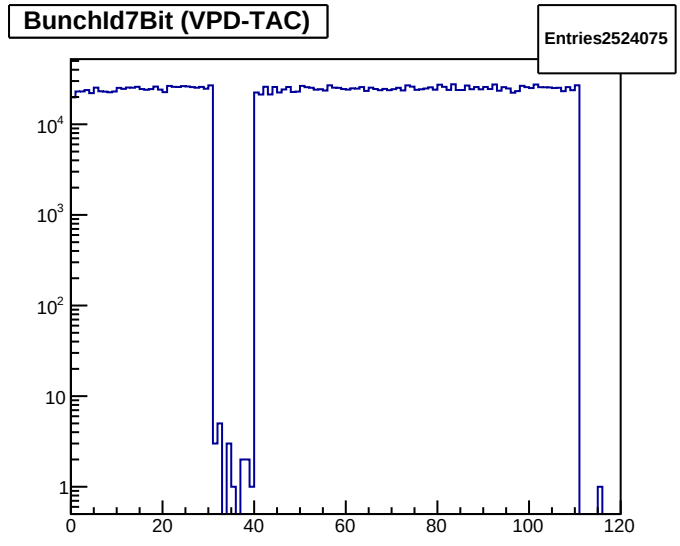

EM201E102Bits
Entries 3.372616e+07
142174
133994
146240
41105
18494
6.60306e+06
6.61124e+06
6.59899e+06
6.70413e+06
6.72674e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

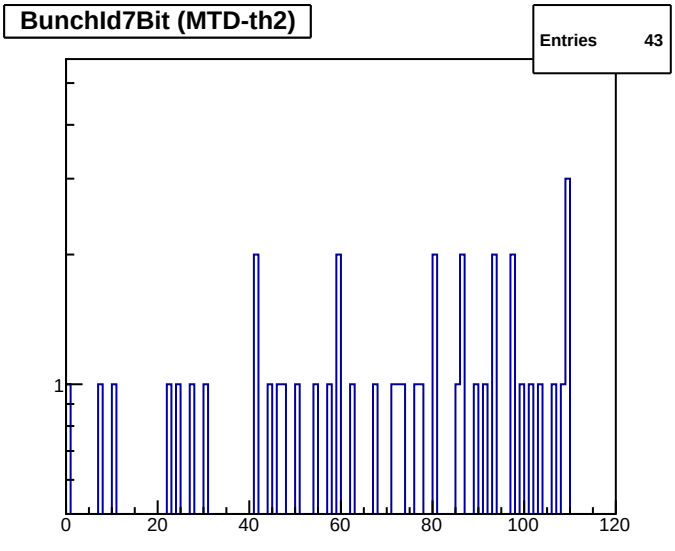

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

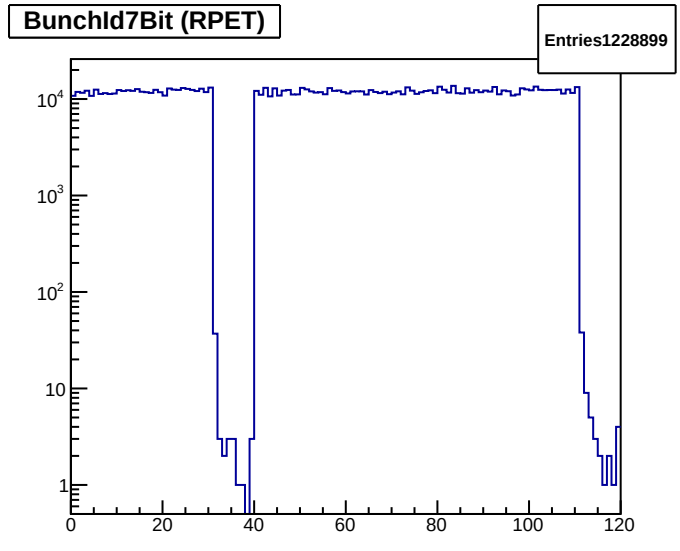

BunchId7Bit (BHT2)
Entries 136087

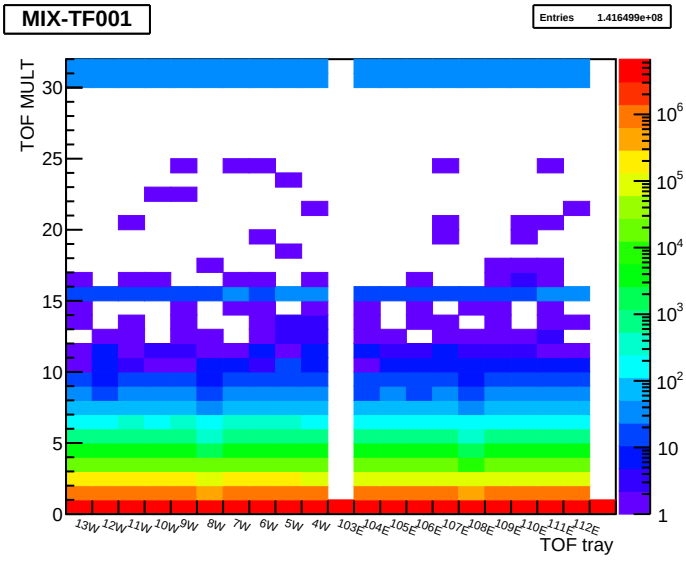

BunchId7Bit (JP2)
Entries 209295

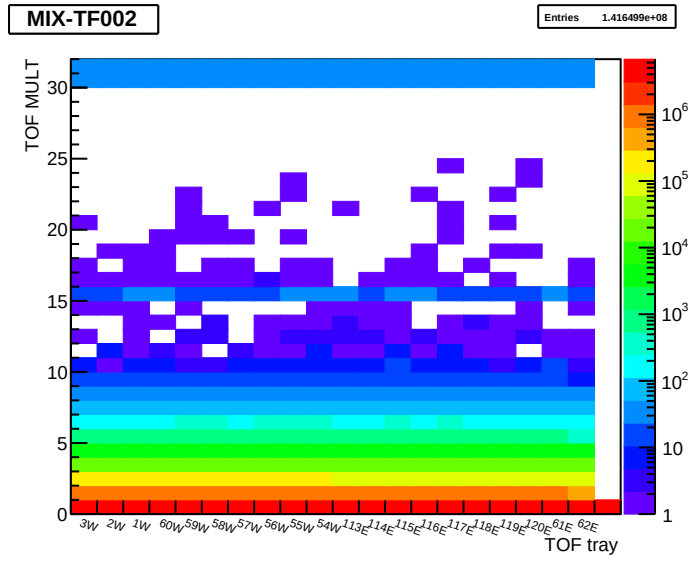

BunchId7Bit (BBC-TAC)
Entries4419480

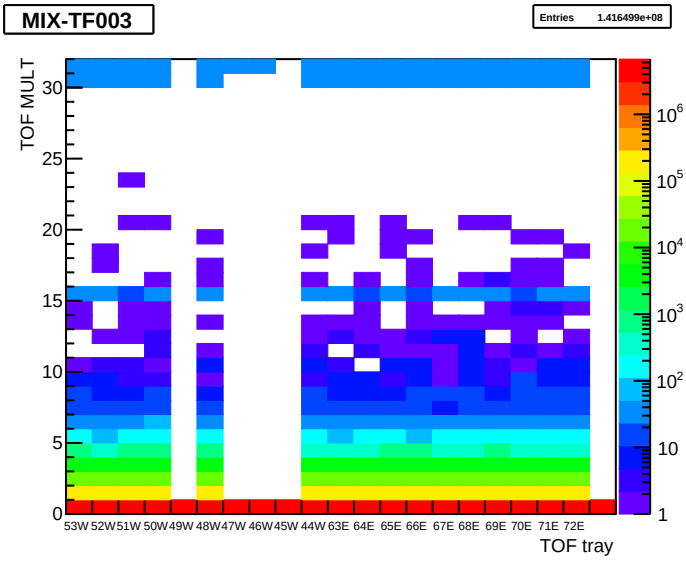

BunchId7Bit (VPD-TAC)
Entries2524075

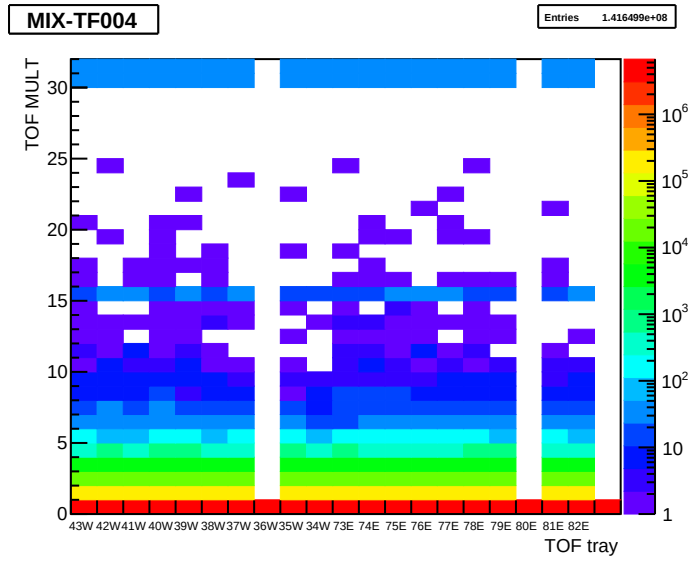

BunchId7Bit (MTD-th2)
Entries 43

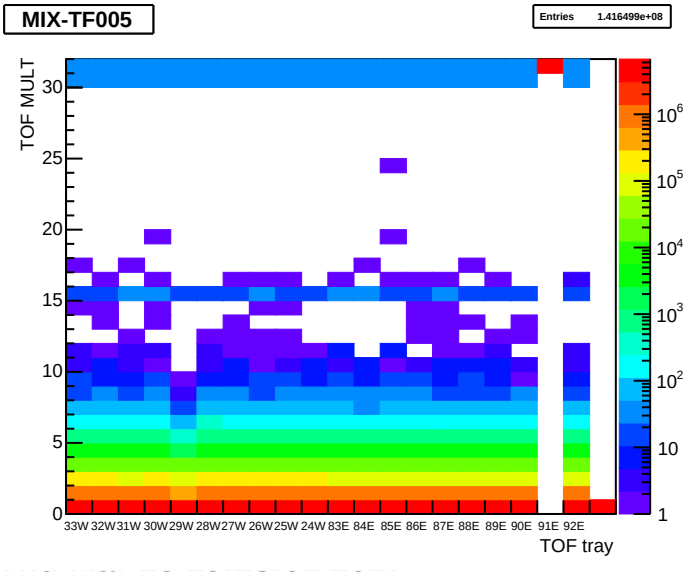

BunchId7Bit (RPET)
Entries1228899

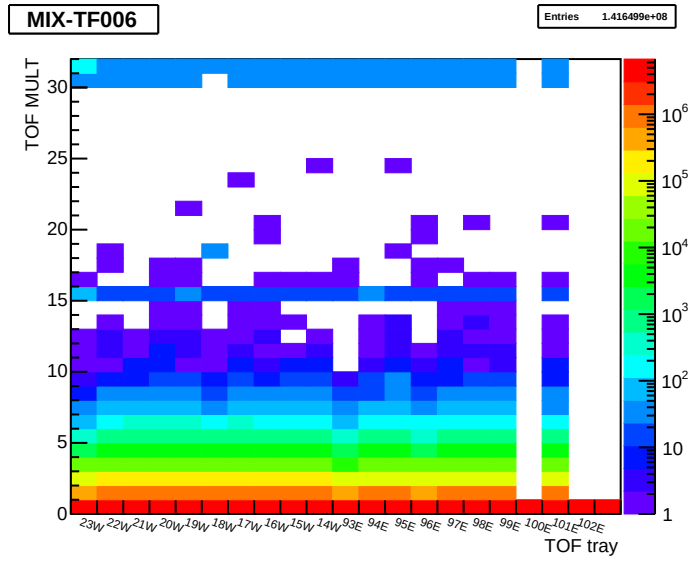

MIX-TF001
Entries 1.416499e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

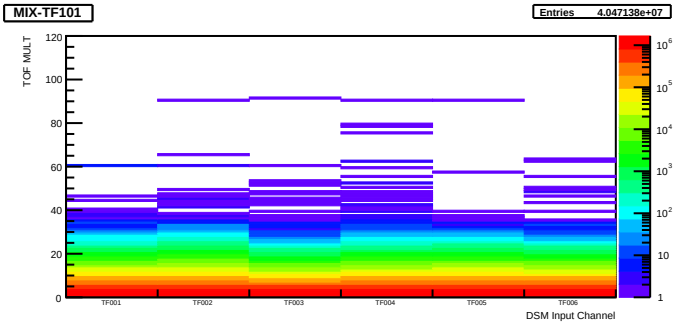

MIX-TF002
Entries 1.416499e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

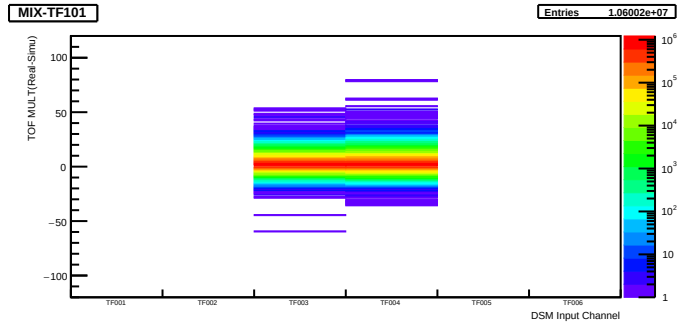

MIX-TF003
Entries 1.416499e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

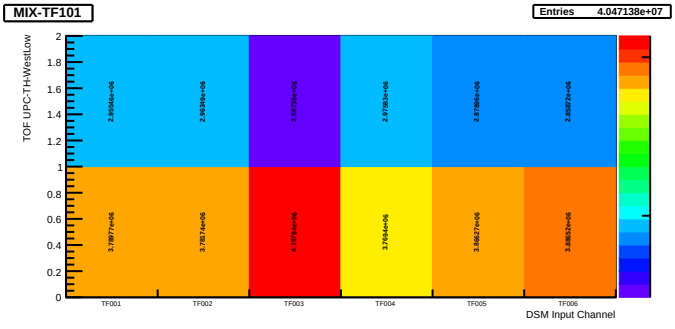

MIX-TF004
Entries 1.416499e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

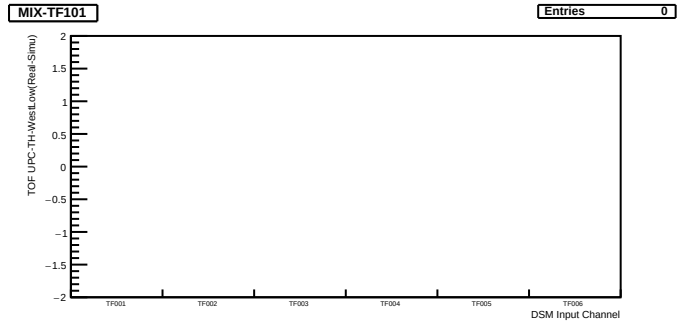

MIX-TF005
Entries 1.416499e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

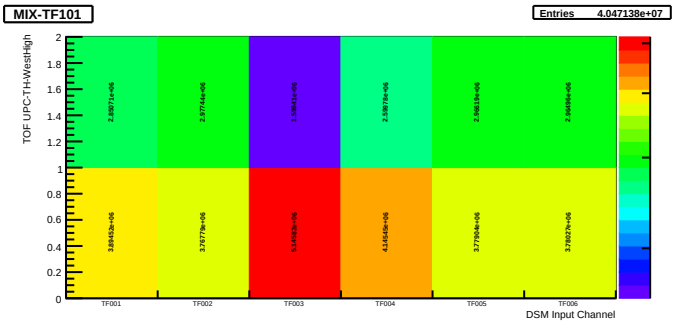

MIX-TF006
Entries 1.416499e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

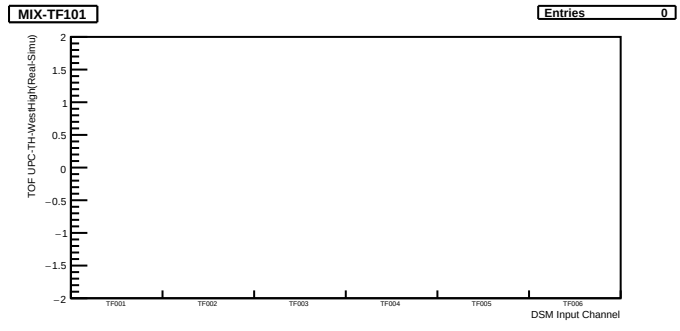

MIX-TF101
Entries 4.047138e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

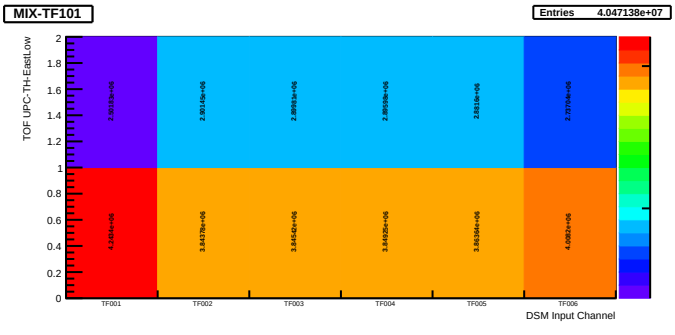

MIX-TF101
Entries 1.06002e+07
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

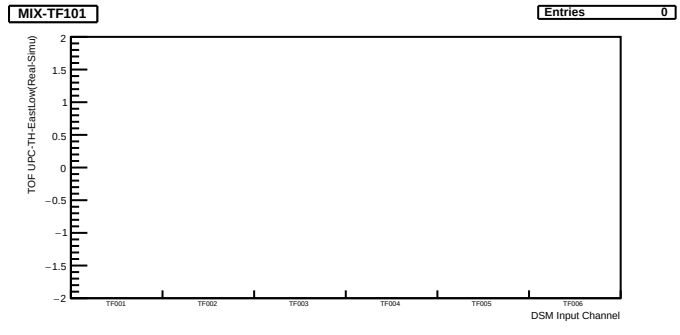

MIX-TF101
Entries 4.047138e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

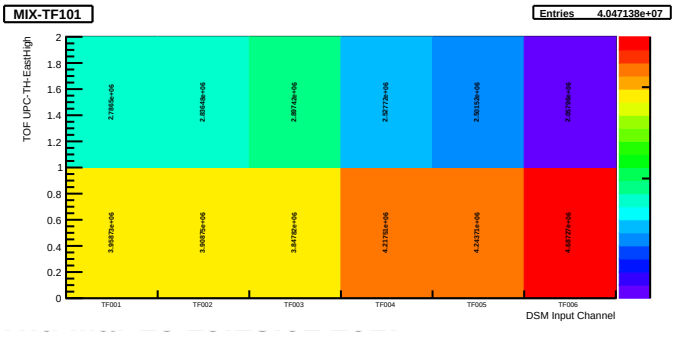

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

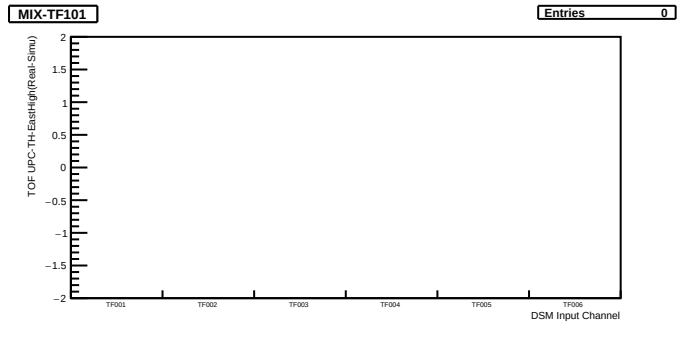

MIX-TF101
Entries 4.047138e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

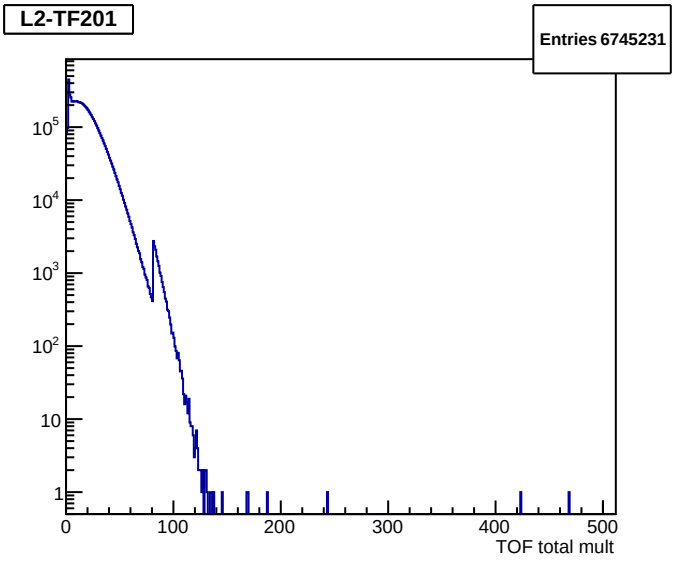

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

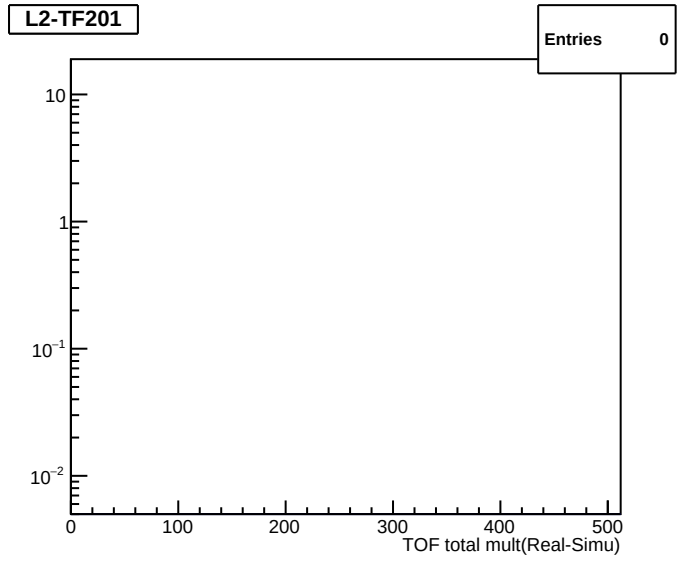

MIX-TF101
Entries 4.047138e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

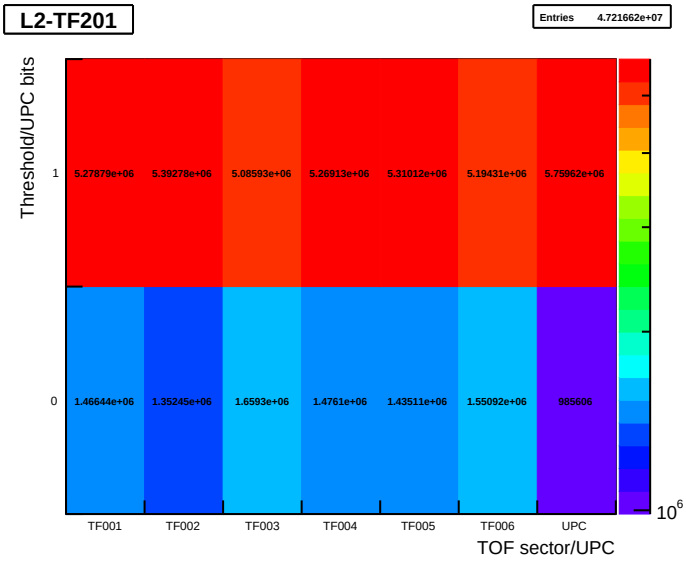

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

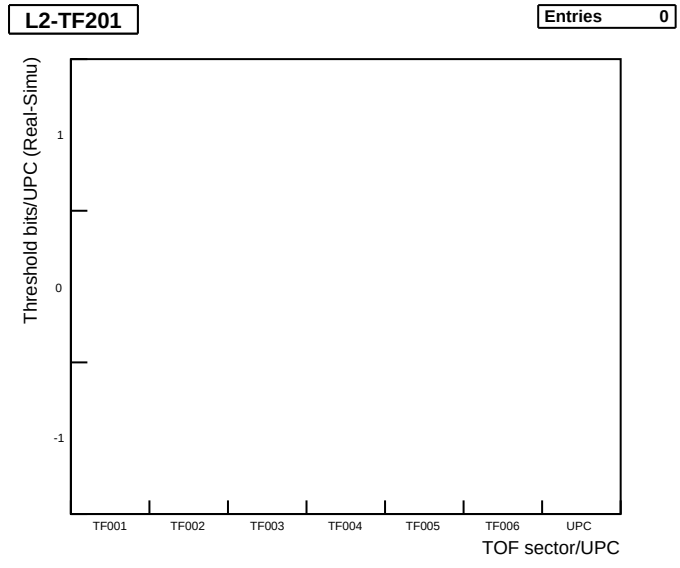

MIX-TF101
Entries 4.047138e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

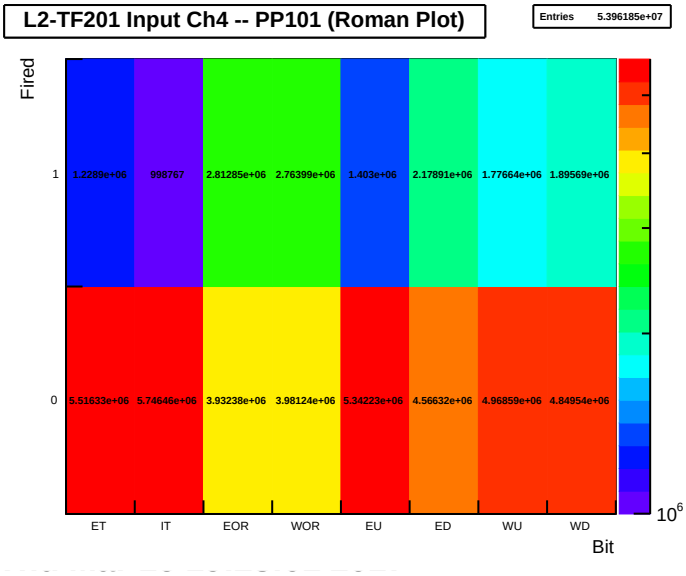

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

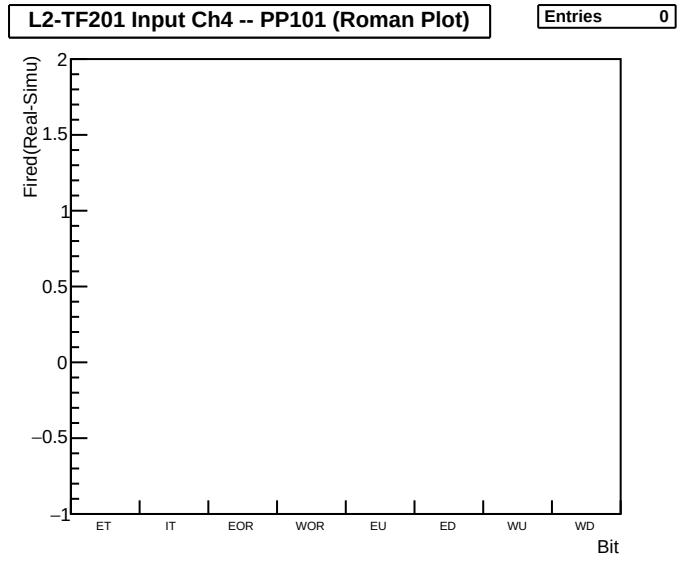

L2-TF201
Entries 6745231
TOF total mult

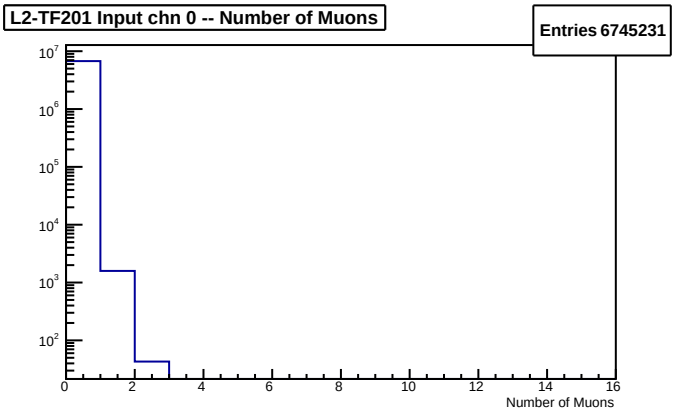

L2-TF201
Entries 0
TOF total mult(Real-Simu)

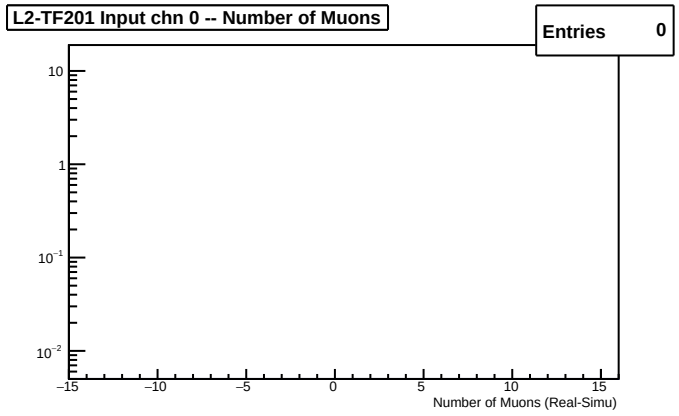

L2-TF201
Entries 4.721662e+07
Threshold/UPC bits
5.27879e+06
5.39278e+06
5.08593e+06
5.26913e+06
5.31012e+06
5.19431e+06
5.75962e+06
1.46644e+06
1.35245e+06
1.6593e+06
1.4761e+06
1.43511e+06
1.55092e+06
985606
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

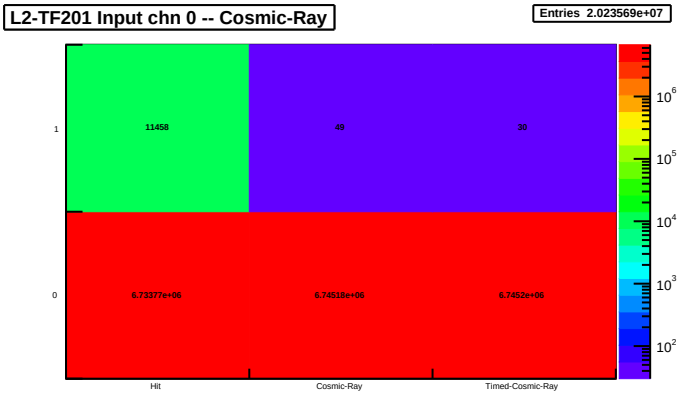

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

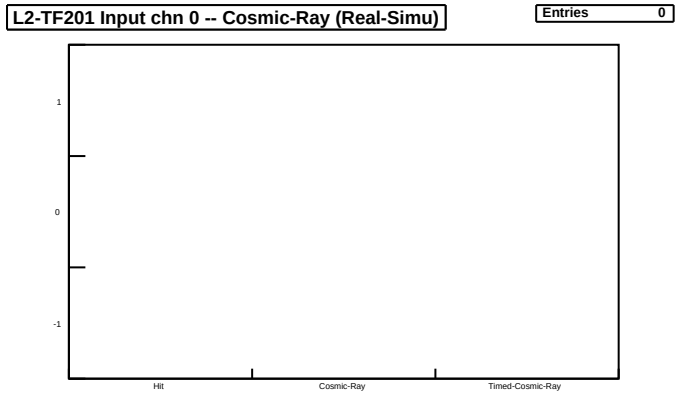

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.396185e+07
Fired
1.2289e+06
998767
2.81285e+06
2.76399e+06
1.403e+06
2.17891e+06
1.77664e+06
1.89569e+06
5.51633e+06
5.74646e+06
3.93238e+06
3.98124e+06
5.34223e+06
4.56632e+06
4.96859e+06
4.84954e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

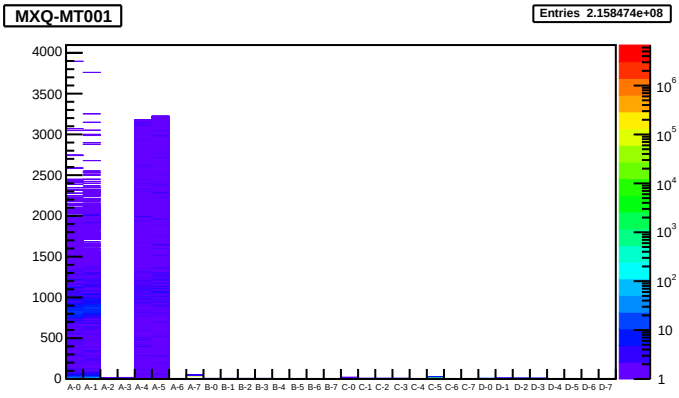

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

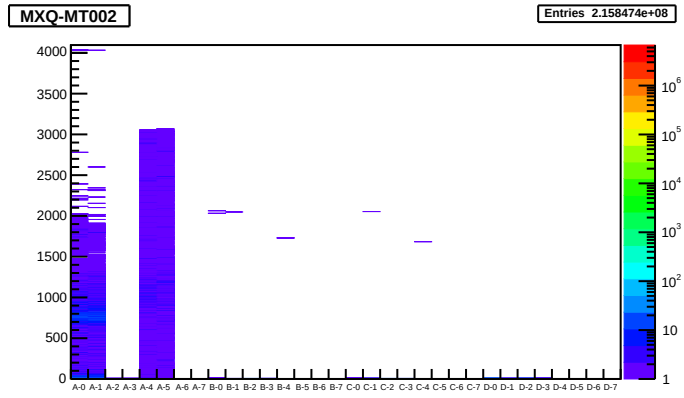

L2-TF201 Input chn 0 -- Number of Muons
Entries 6745231
Number of Muons

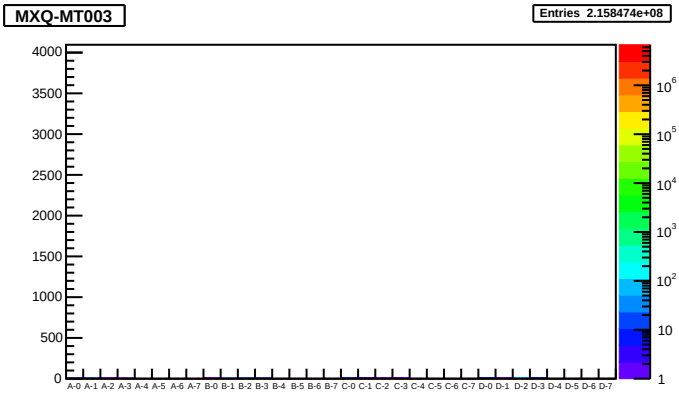

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

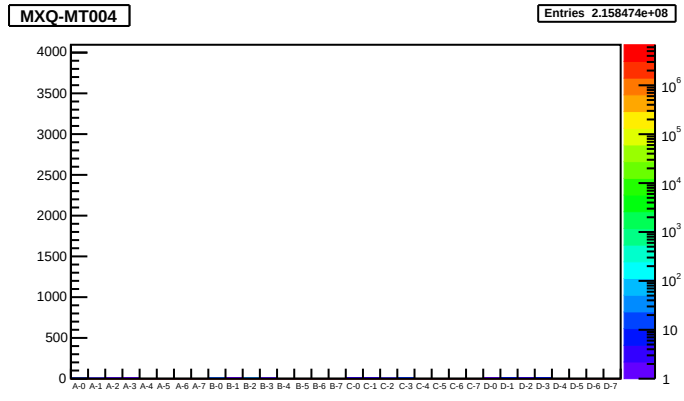

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.023569e+07
11458
49
30
6.73377e+06
6.74518e+06
6.7452e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

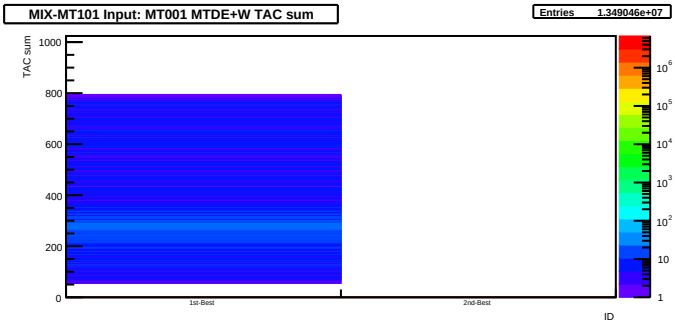

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

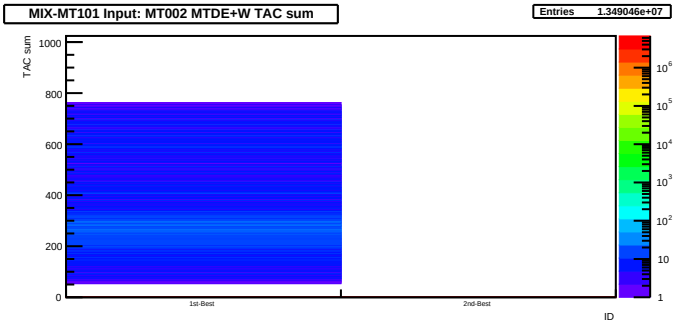

MXQ-MT001
Entries 2.158474e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

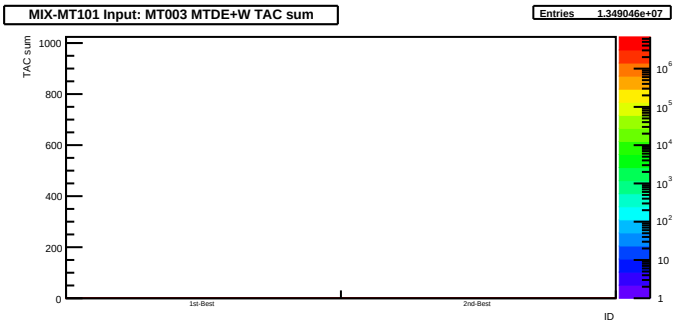

MXQ-MT002
Entries 2.158474e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

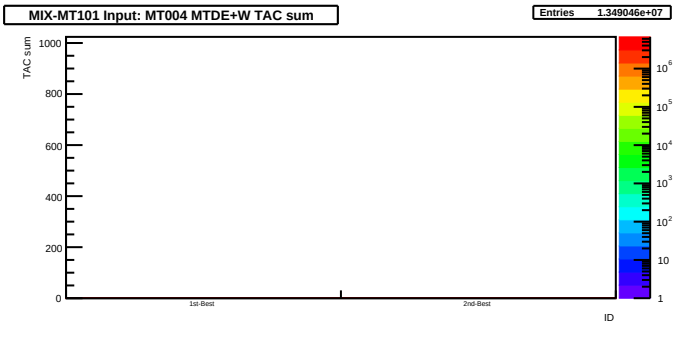

MXQ-MT003
Entries 2.158474e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

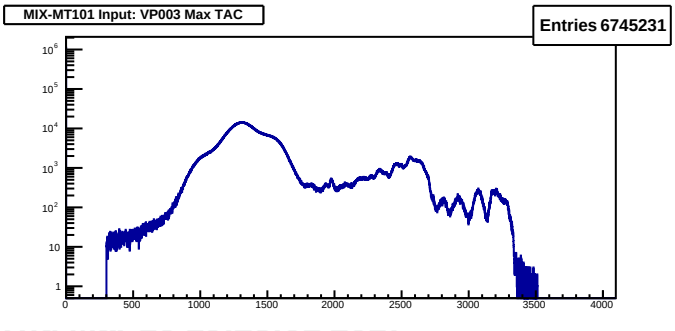

MXQ-MT004
Entries 2.158474e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

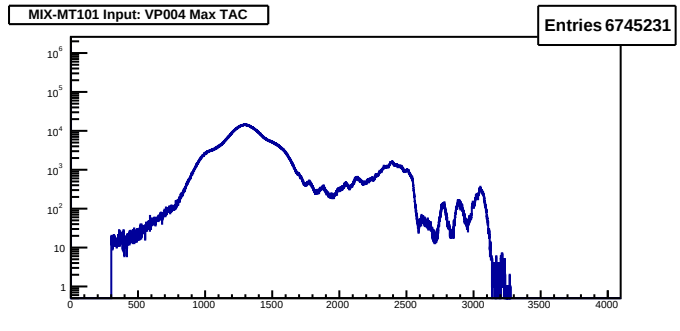

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.349046e+07
TAC sum
1st-Best
2nd-Best
ID

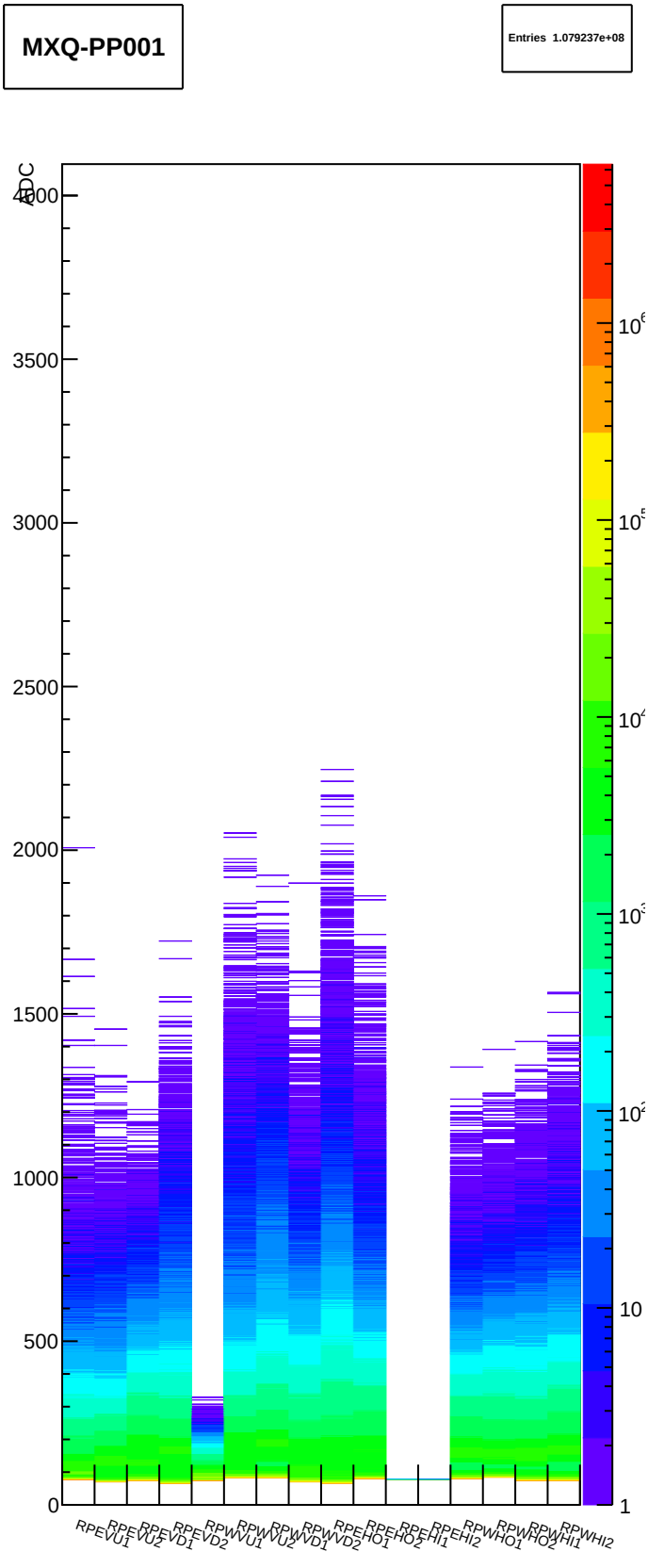

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.349046e+07
TAC sum
1st-Best
2nd-Best
ID

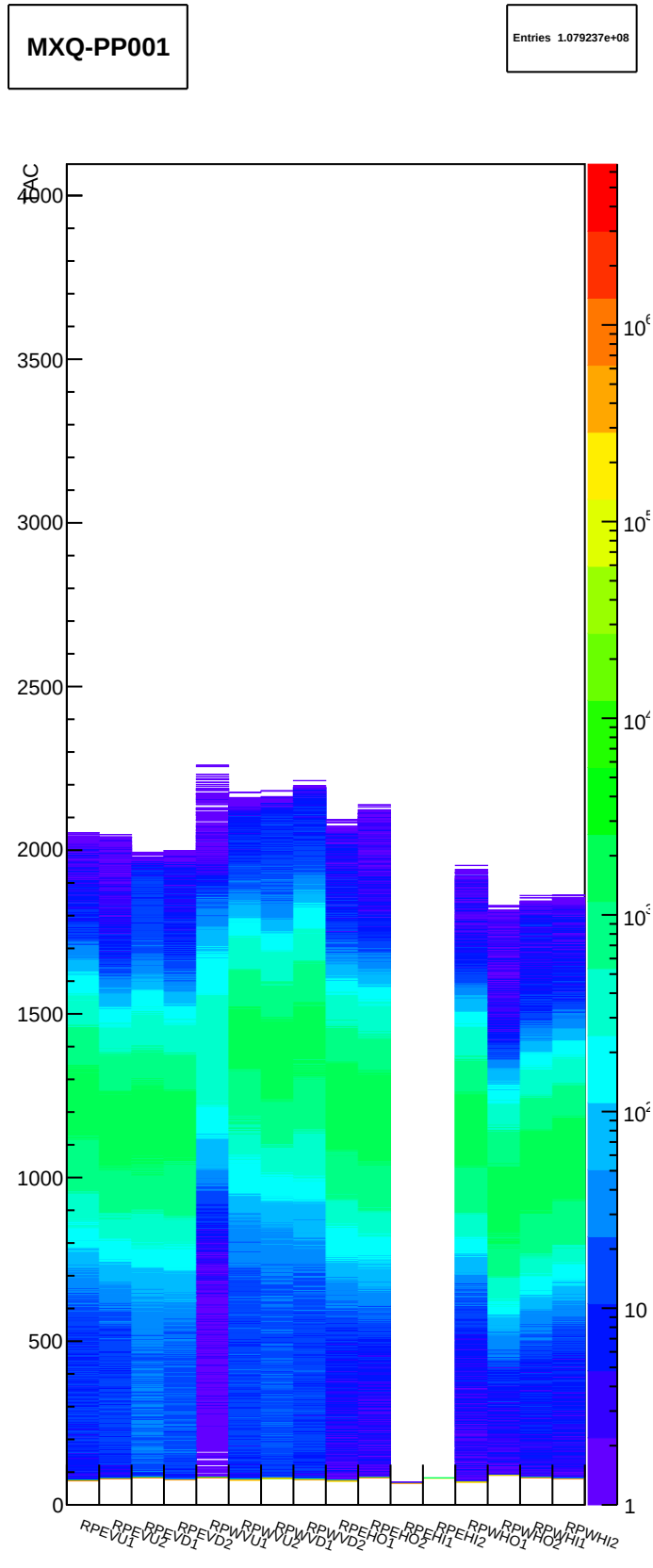

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.349046e+07
TAC sum
1st-Best
2nd-Best
ID

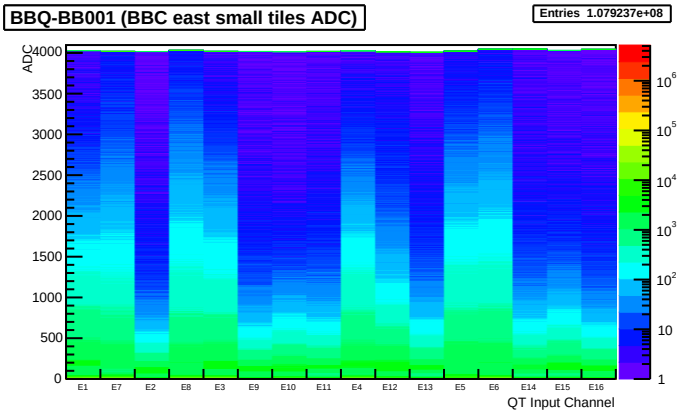

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.349046e+07
TAC sum
1st-Best
2nd-Best
ID

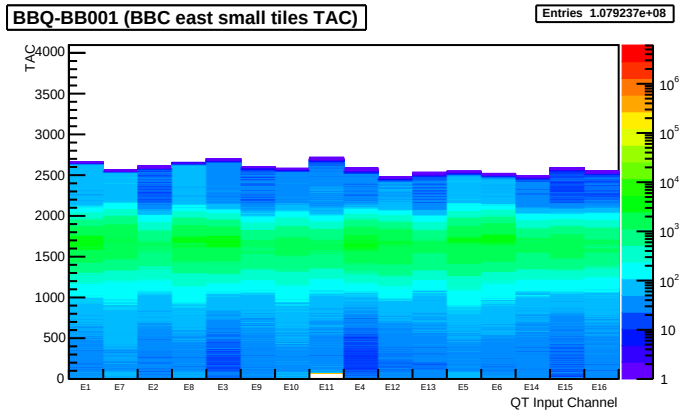

MIX-MT101 Input: VP003 Max TAC
Entries 6745231

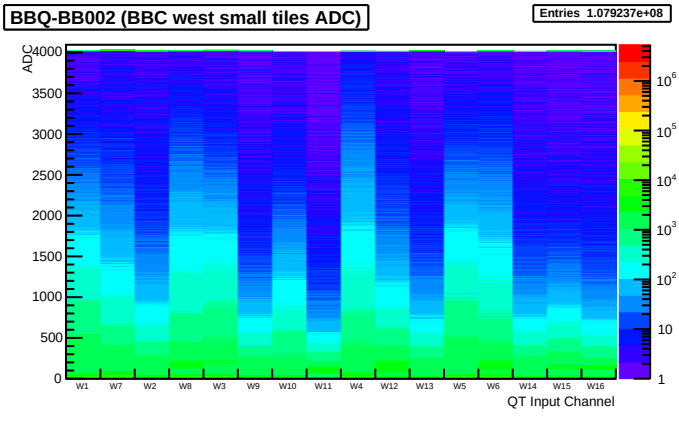

MIX-MT101 Input: VP004 Max TAC
Entries 6745231

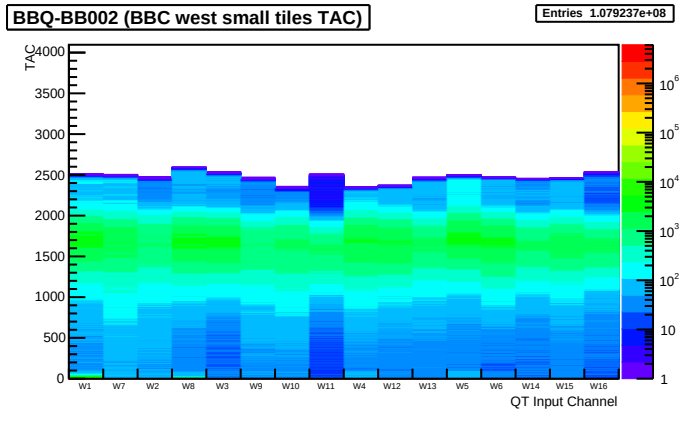

MXQ-PP001
Entries 1.079237e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

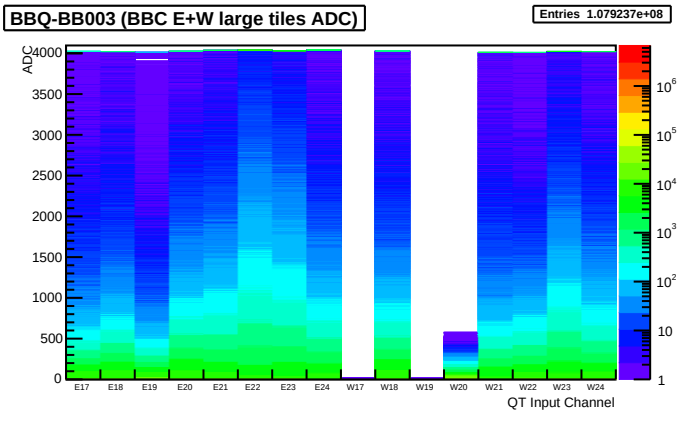

MXQ-PP001
Entries 1.079237e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

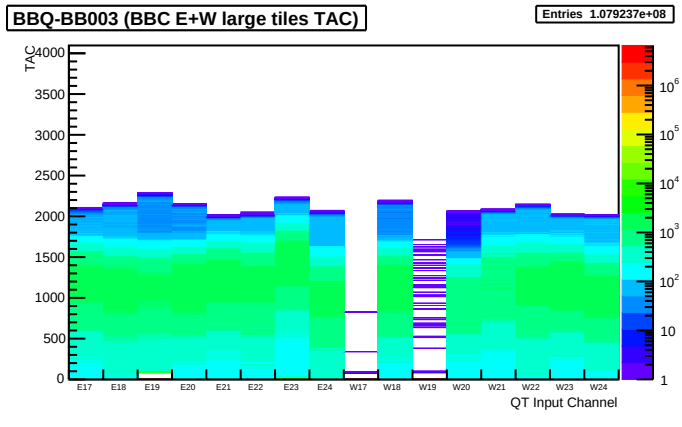

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.079237e+08
ADC
QT Input Channel

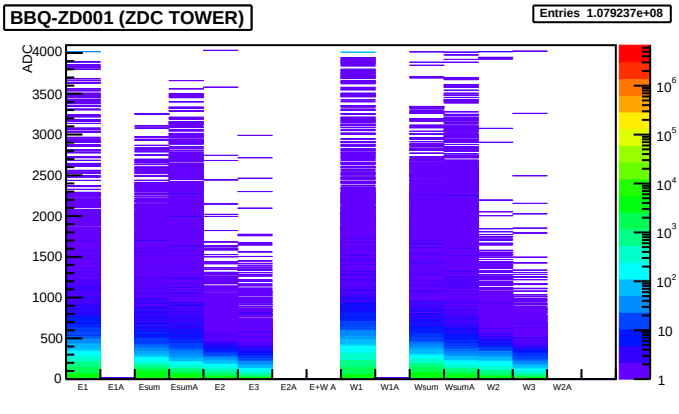

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.079237e+08
TAC
QT Input Channel

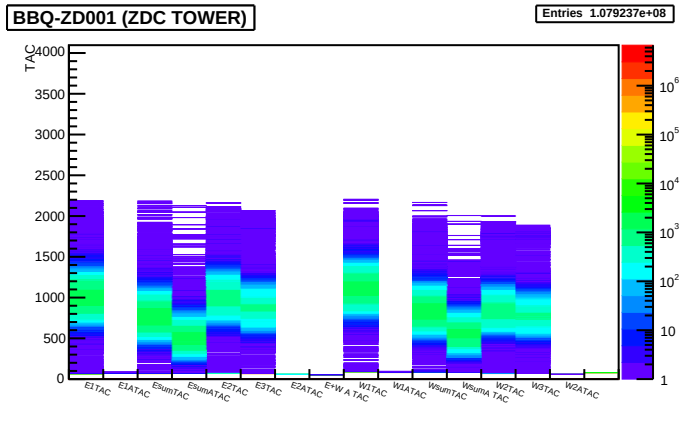

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.079237e+08
ADC
QT Input Channel

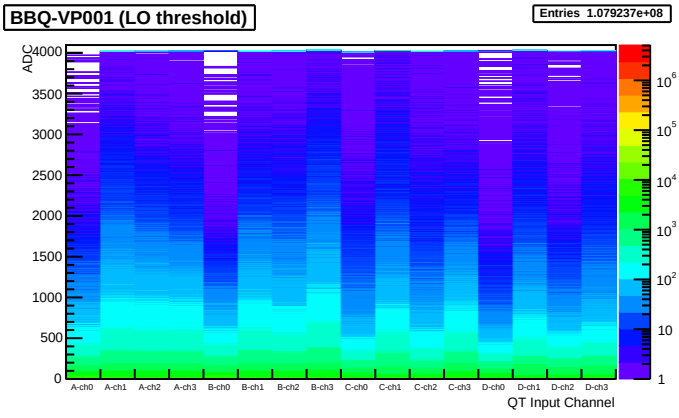

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.079237e+08
TAC
QT Input Channel

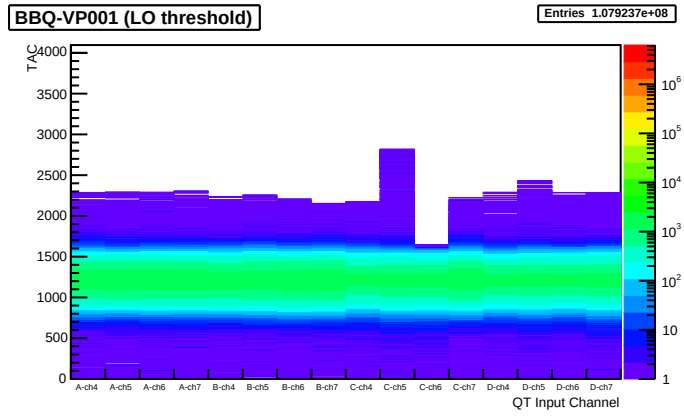

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.079237e+08
ADC
QT Input Channel

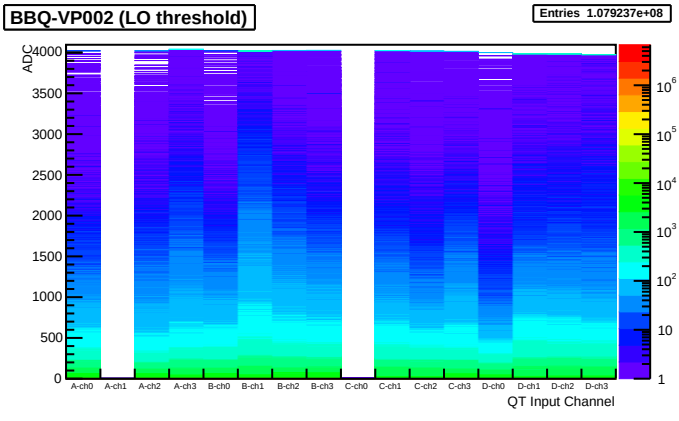

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.079237e+08
TAC
QT Input Channel

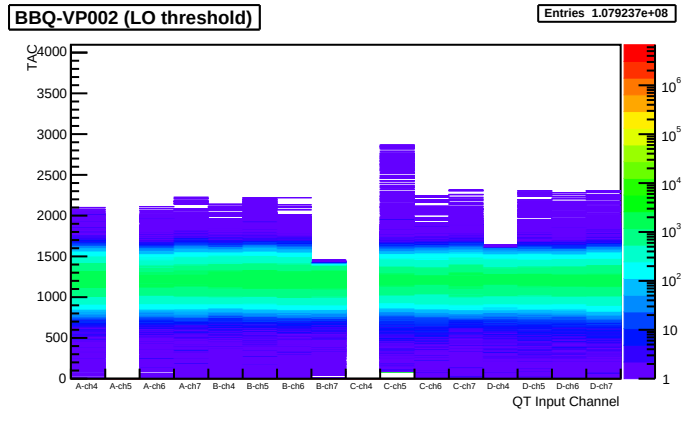

BBQ-ZD001 (ZDC TOWER)
Entries 1.079237e+08
ADC

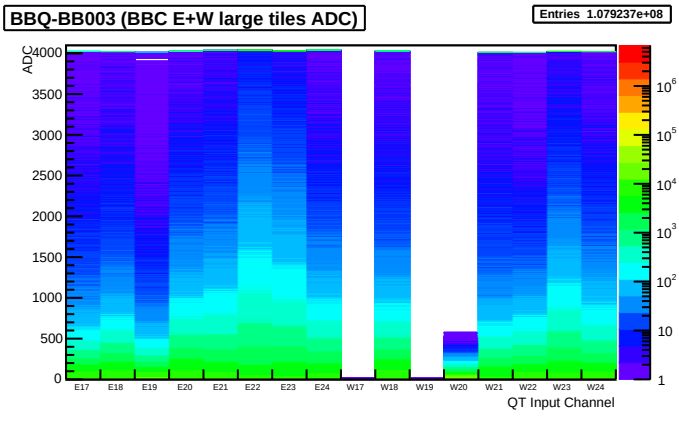

BBQ-ZD001 (ZDC TOWER)
Entries 1.079237e+08
TAC

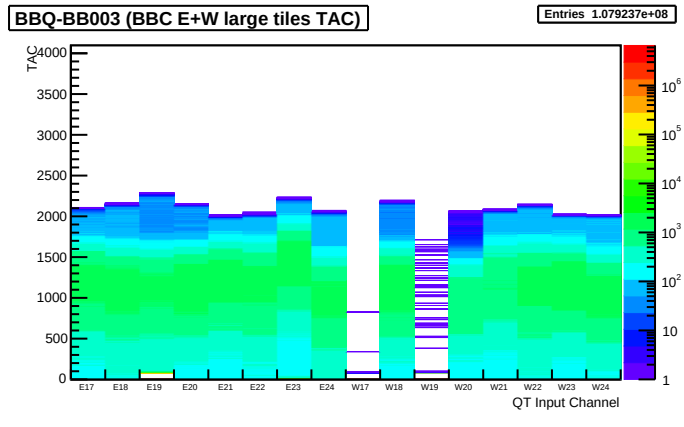

BBQ-VP001 (LO threshold)
Entries 1.079237e+08
ADC
QT Input Channel

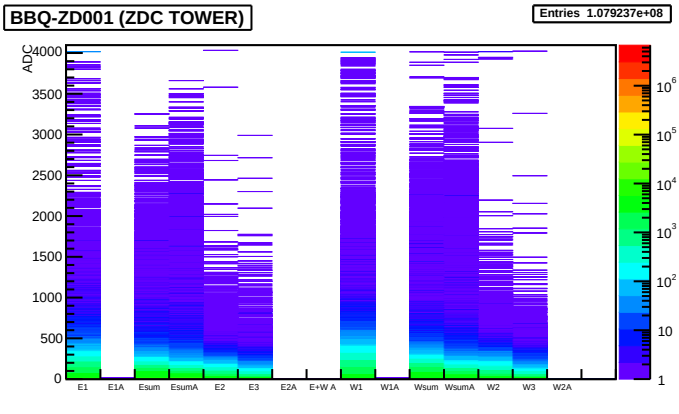

BBQ-VP001 (LO threshold)
Entries 1.079237e+08
TAC
QT Input Channel

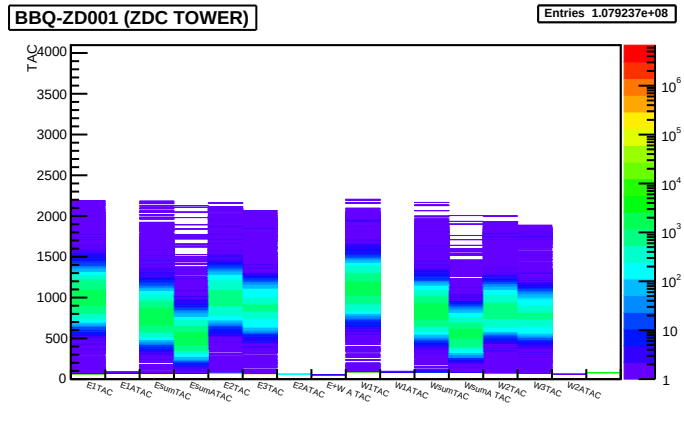

BBQ-VP002 (LO threshold)
Entries 1.079237e+08
ADC
QT Input Channel

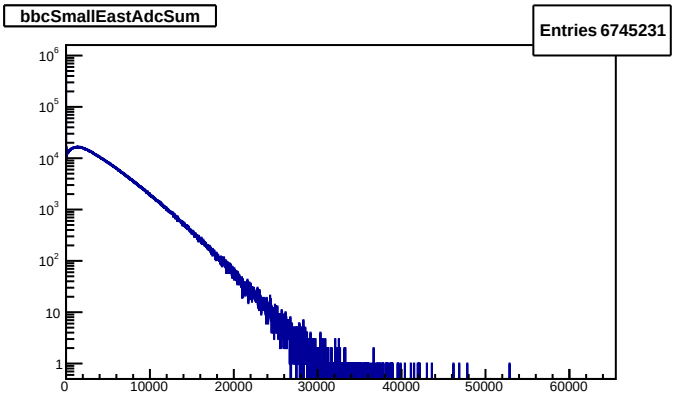

BBQ-VP002 (LO threshold)
Entries 1.079237e+08
TAC
QT Input Channel

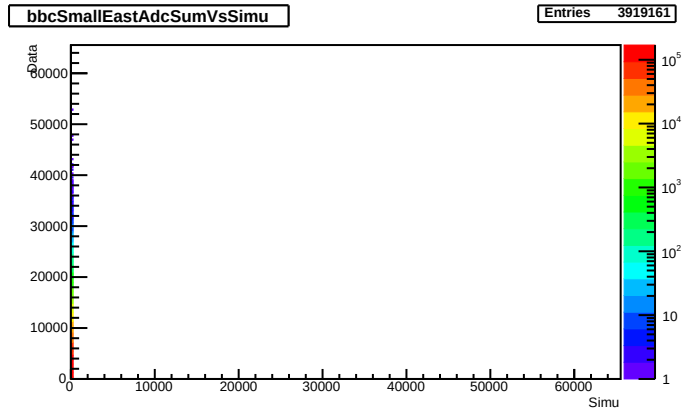

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.079237e+08
ADC
QT Input Channel

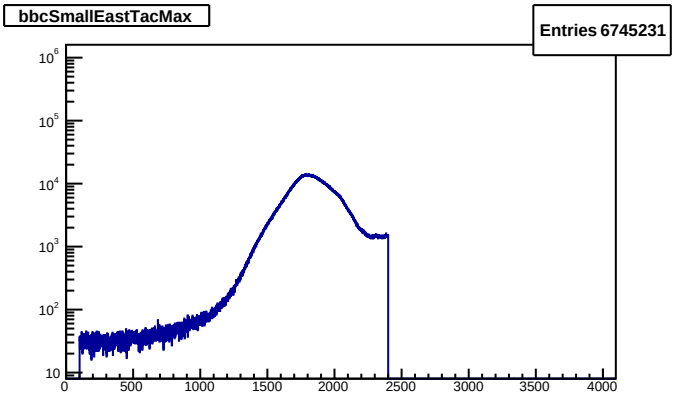

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.079237e+08
TAC
QT Input Channel

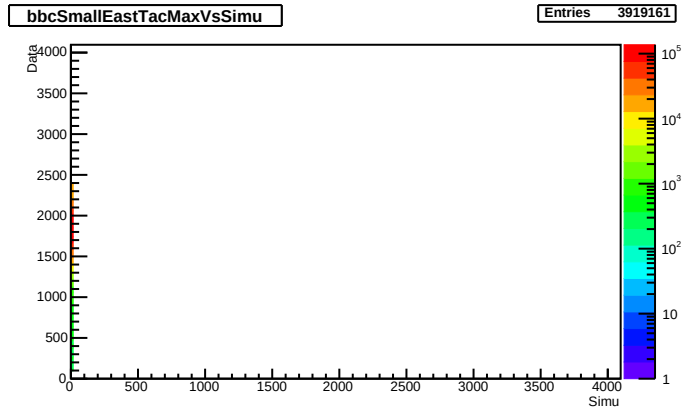

BBQ-ZD001 (ZDC TOWER)
Entries 1.079237e+08
ADC

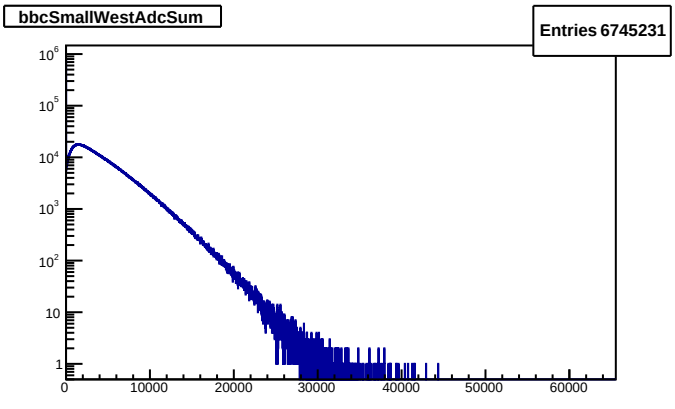

BBQ-ZD001 (ZDC TOWER)
Entries 1.079237e+08
TAC

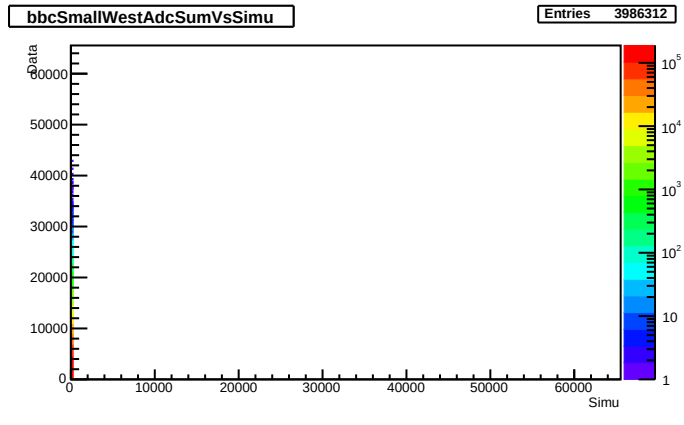

bbcSmallEastAdcSum
Entries 6745231

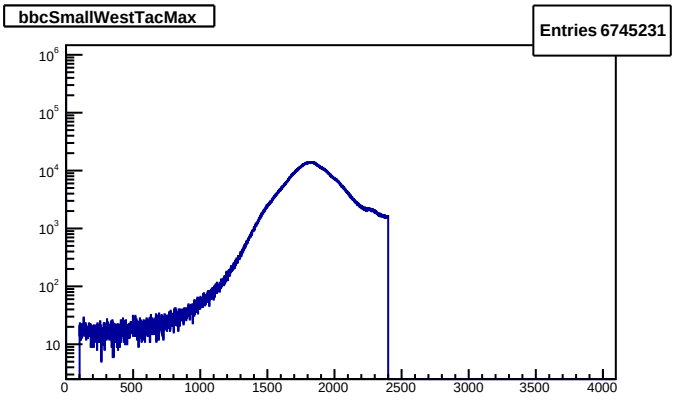

bbcSmallEastAdcSumVsSimu
Entries 3919161
Data
Simu

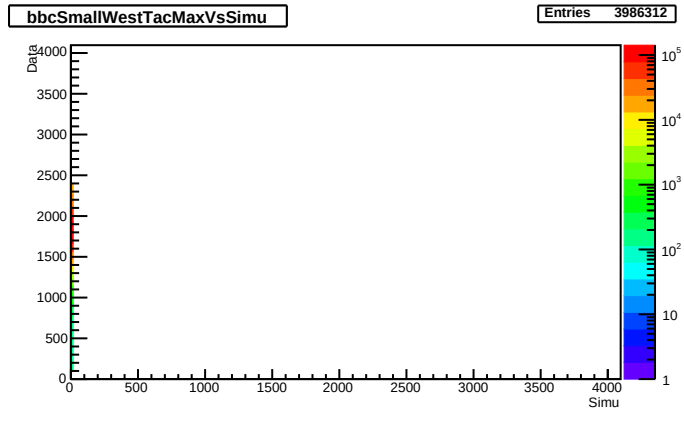

bbcSmallEastTacMax
Entries 6745231

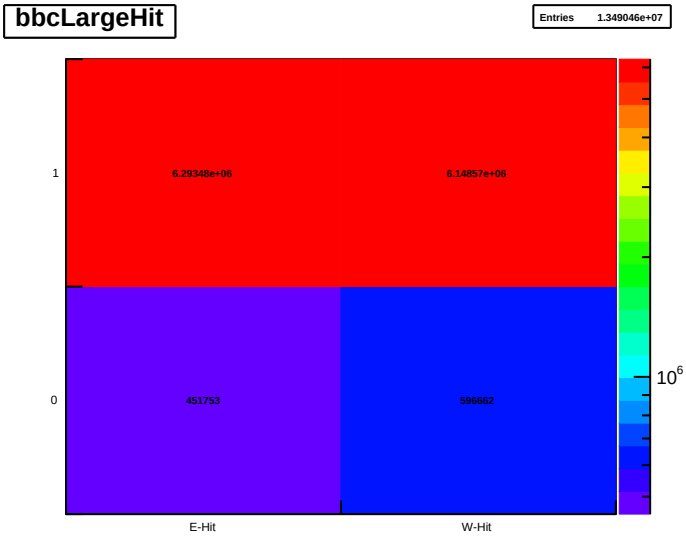

bbcSmallEastTacMaxVsSimu
Entries 3919161
Data
Simu

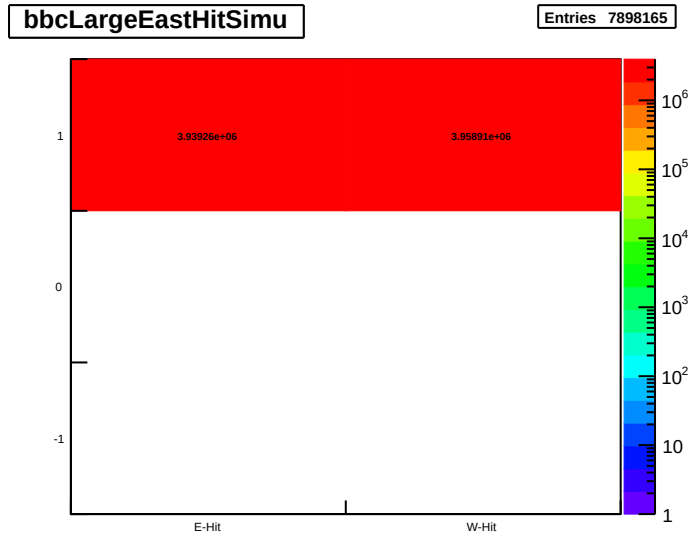

bbcSmallWestAdcSum
Entries 6745231

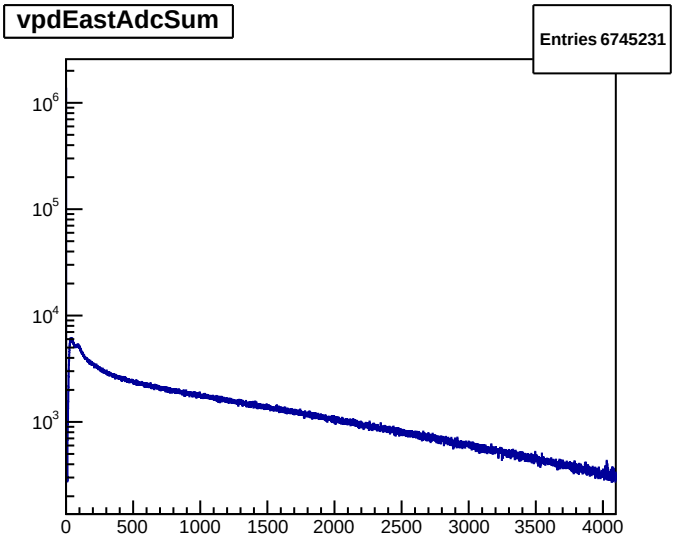

bbcSmallWestAdcSumVsSimu
Entries 3986312
Data
Simu

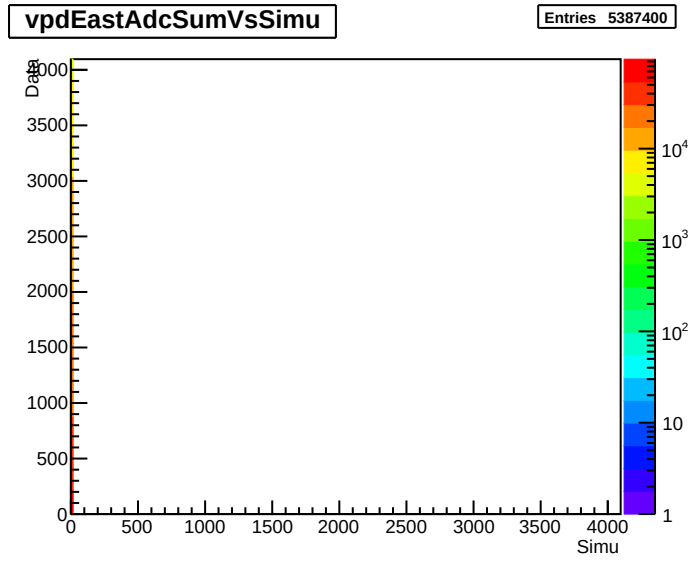

bbcSmallWestTacMax
Entries 6745231

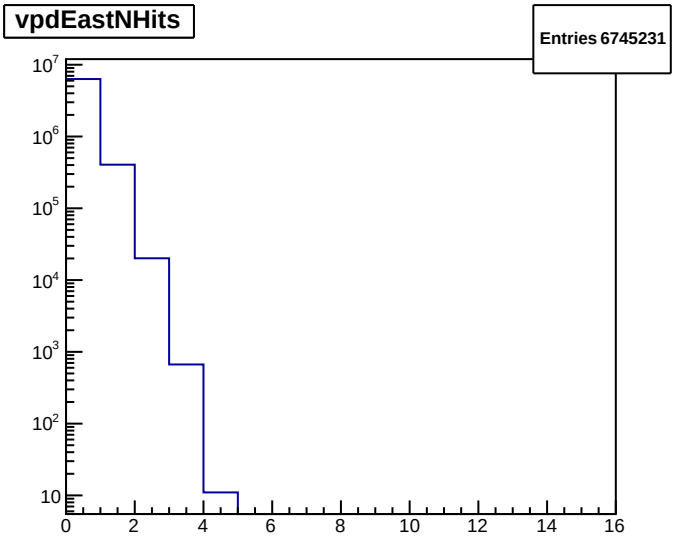

bbcSmallWestTacMaxVsSimu
Entries 3986312
Data
Simu

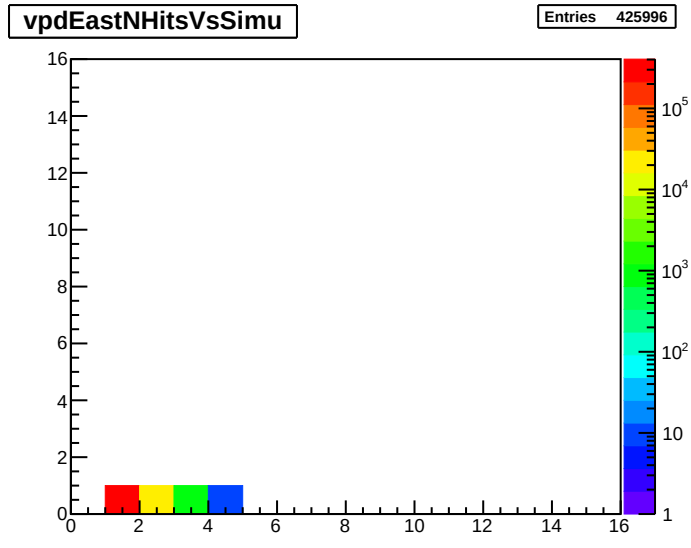

bbcLargeHit
Entries 1.349046e+07
6.29348e+06
6.14857e+06
451753
596662
1
0
E-Hit
W-Hit
10^6

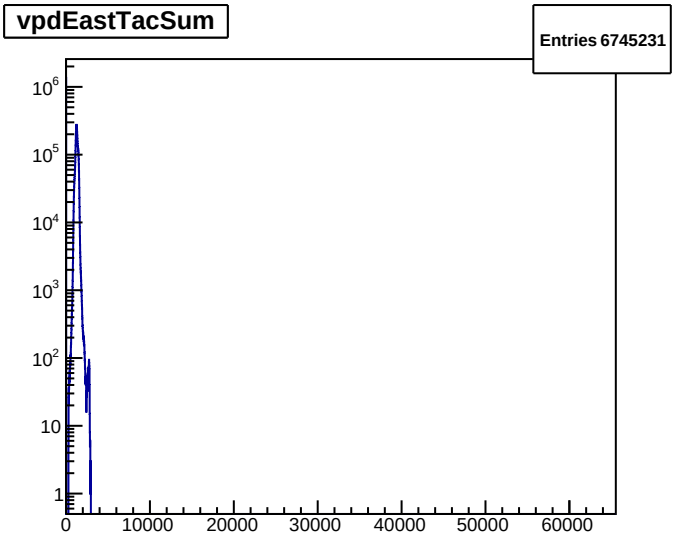

bbcLargeEastHitSimu
Entries 7898165
3.93926e+06
3.95891e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

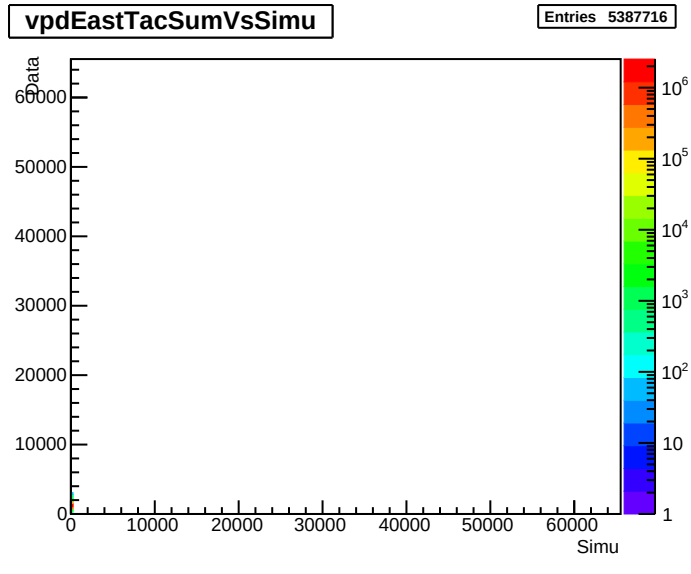

vpdEastAdcSum
Entries 6745231

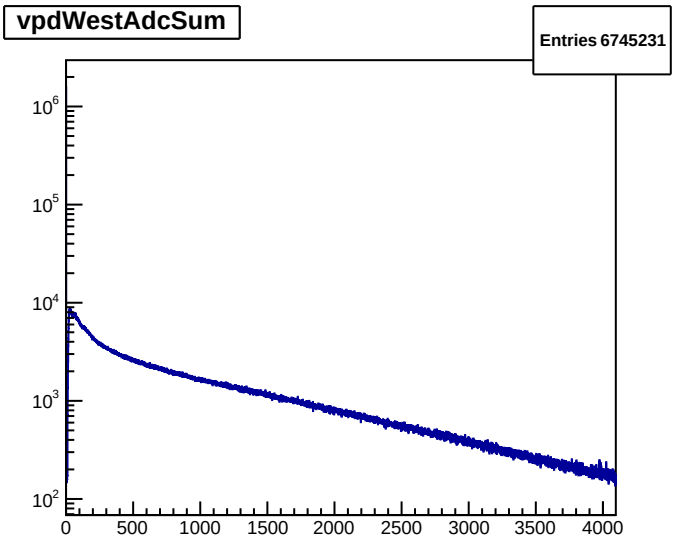

vpdEastAdcSumVsSimu
Entries 5387400
Data
Simu

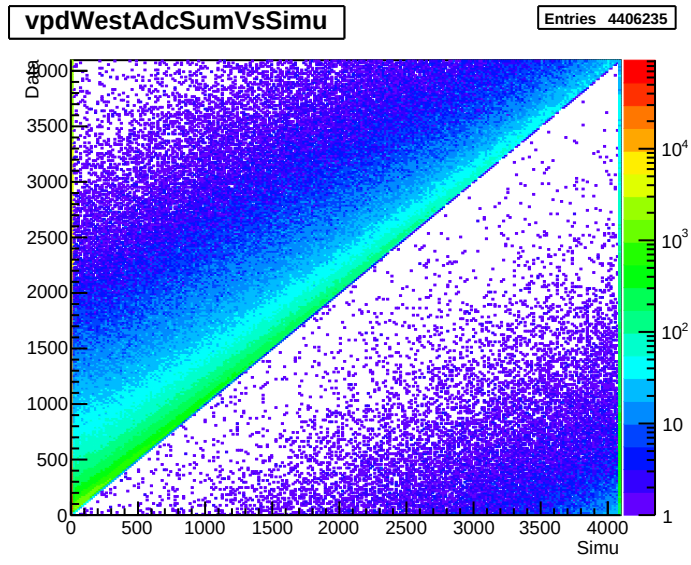

vpdEastNHits
Entries 6745231

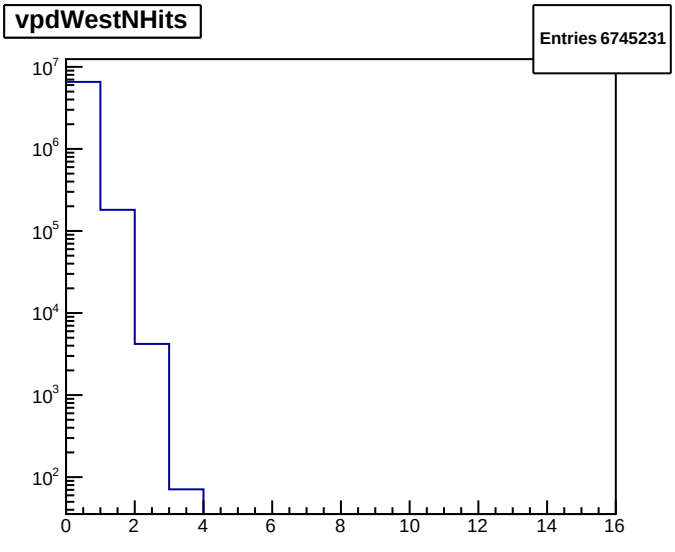

vpdEastNHitsVsSimu
Entries 425996

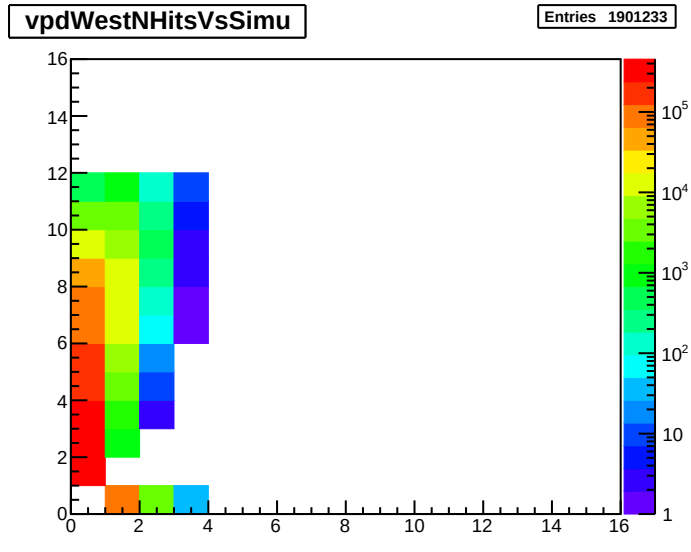

vpdEastTacSum
Entries 6745231

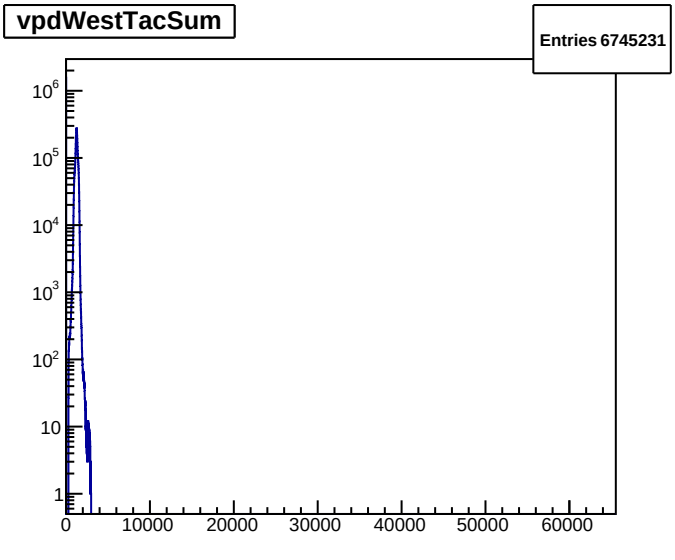

vpdEastTacSumVsSimu
Entries 5387716
Data
Simu

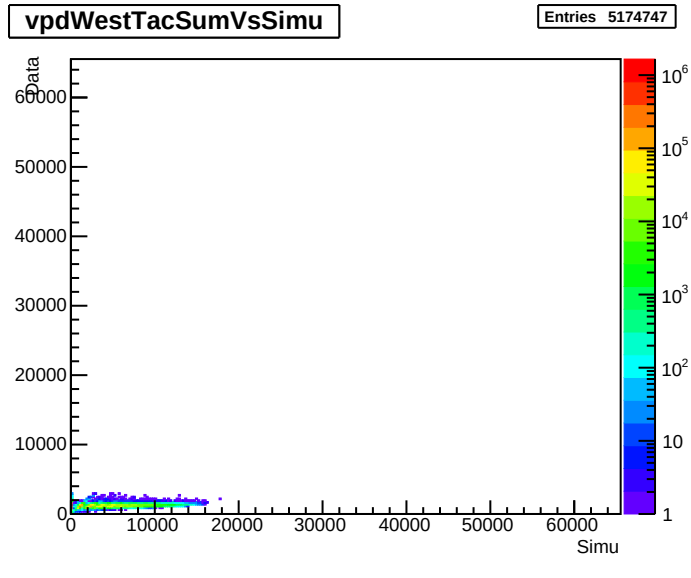

vpdWestAdcSum
Entries 6745231

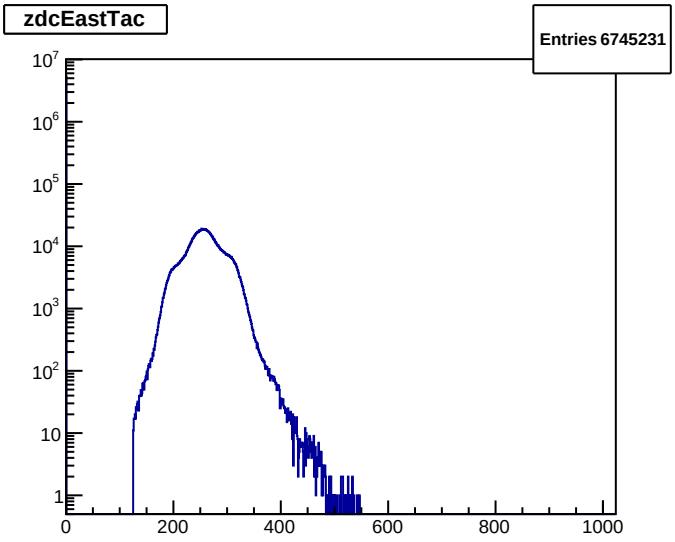

vpdWestAdcSumVsSimu
Entries 4406235
Data
Simu

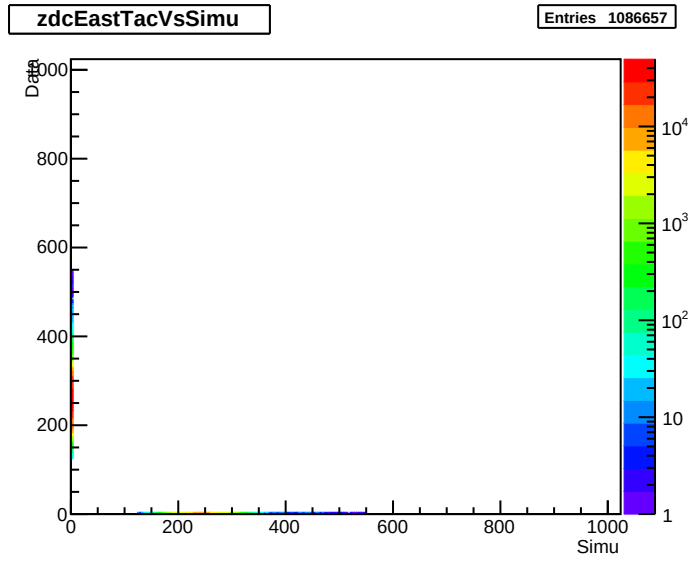

vpdWestNHits
Entries 6745231

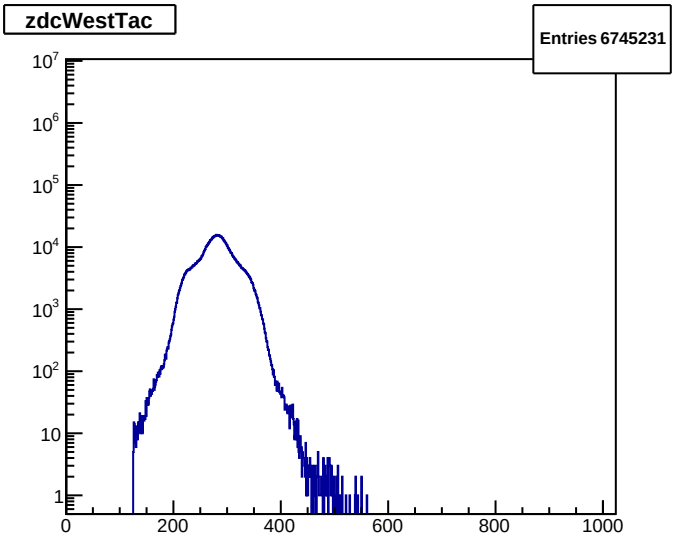

vpdWestNHitsVsSimu
Entries 1901233

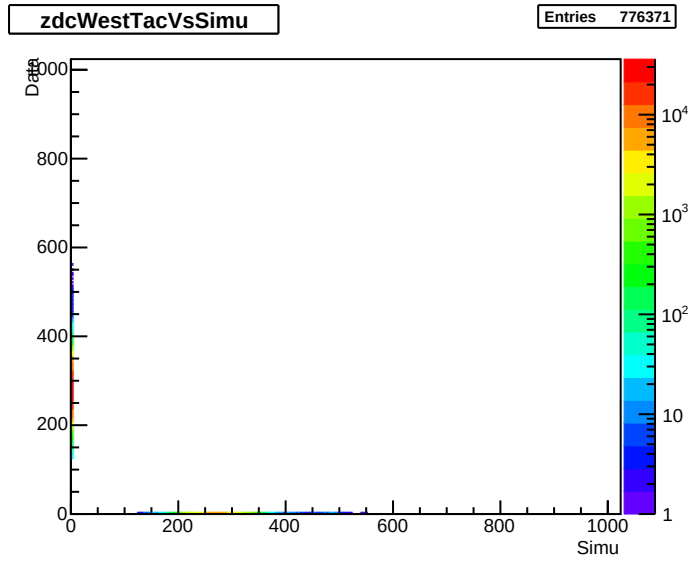

vpdWestTacSum
Entries 6745231

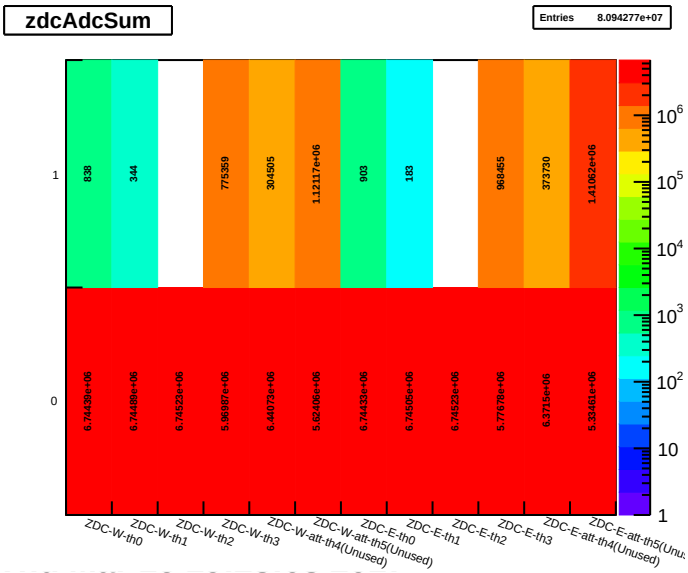

vpdWestTacSumVsSimu
Entries 5174747
Data
Simu

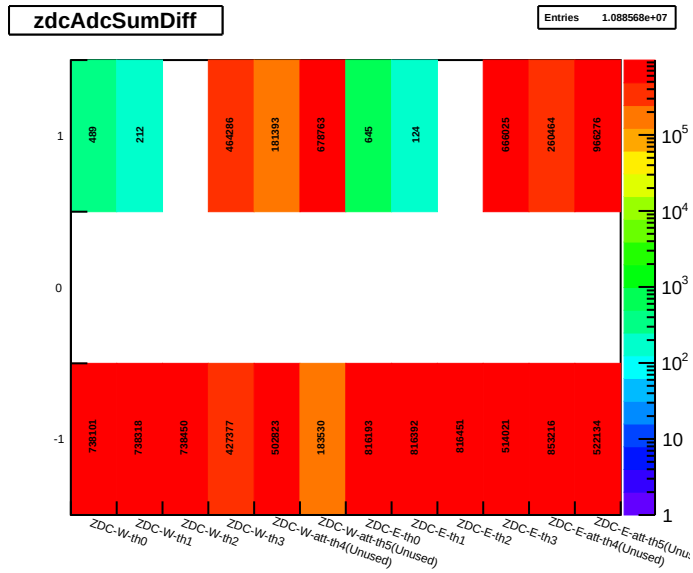

zdcEastTac
Entries 6745231

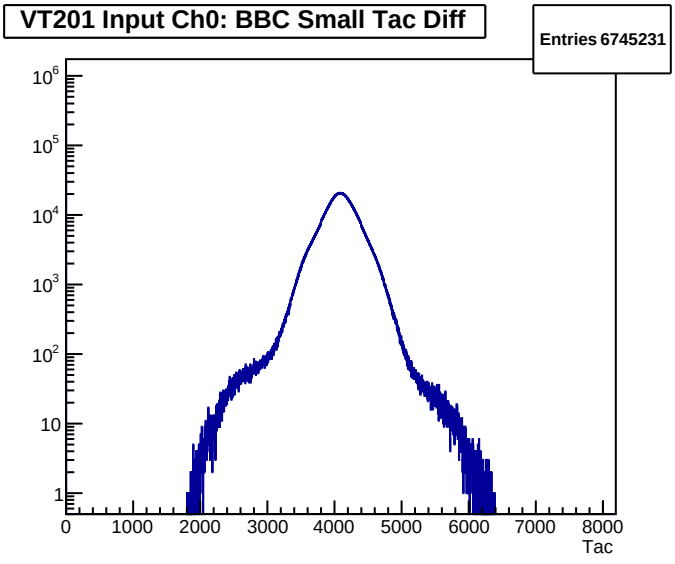

zdcEastTacVsSimu
Entries 1086657
Data
Simu

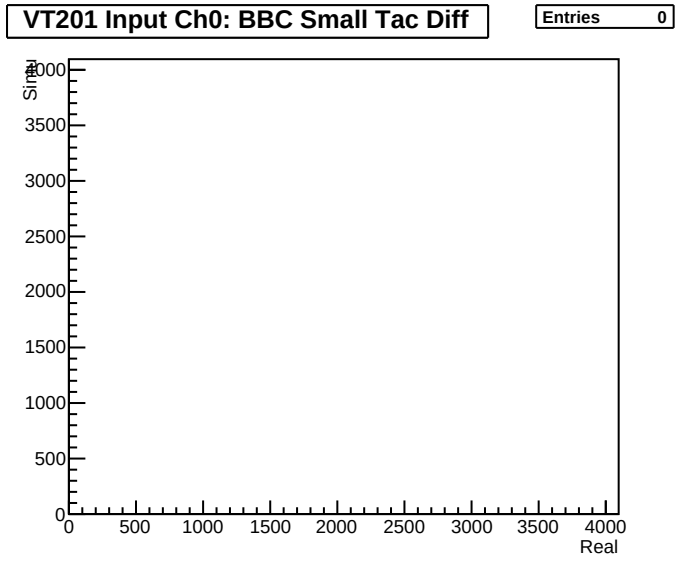

zdcWestTac
Entries 6745231

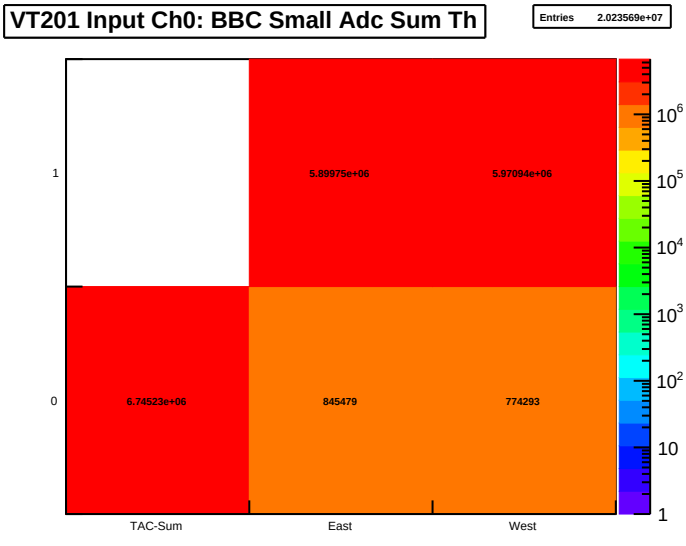

zdcWestTacVsSimu
Entries 776371
Data
Simu

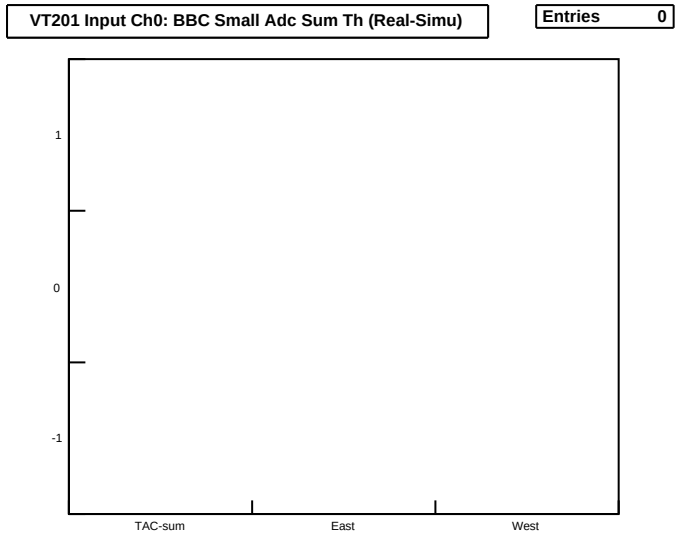

zdcAdcSum
Entries 8.094277e+07
838
344
775359
304505
1.12117e+06
903
183
968455
373730
1.41062e+06
6.74439e+06
6.74489e+06
6.74523e+06
5.96997e+06
6.44073e+06
5.62406e+06
6.74433e+06
6.74505e+06
6.74523e+06
5.77678e+06
6.3715e+06
5.33461e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

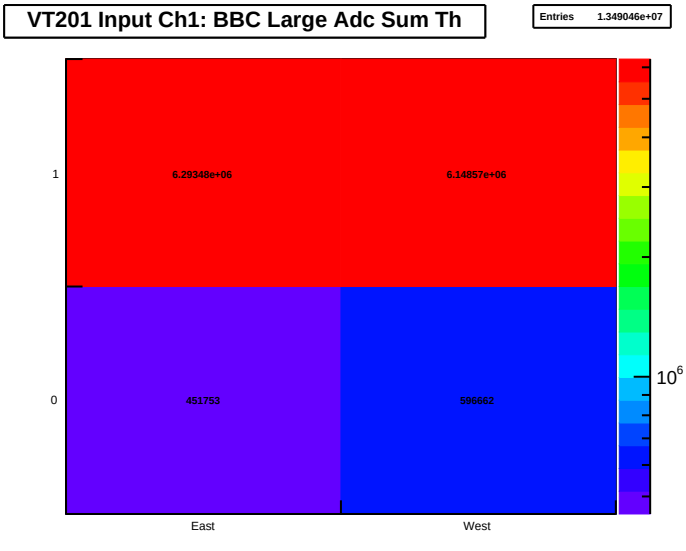

zdcAdcSumDiff
Entries 1.088568e+07
499
212
464286
181393
678763
645
124
666025
260464
966276
738101
738318
738450
427377
502823
183530
816193
816392
816451
514021
853216
522134
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

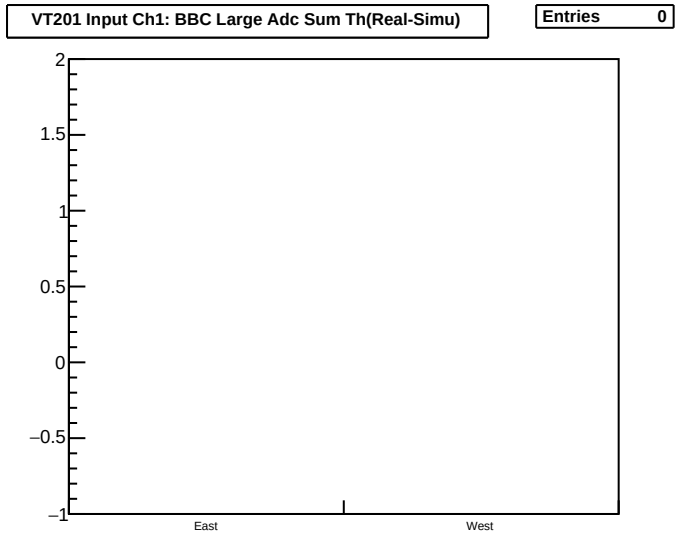

VT201 Input Ch0: BBC Small Tac Diff
Entries 6745231
Tac


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

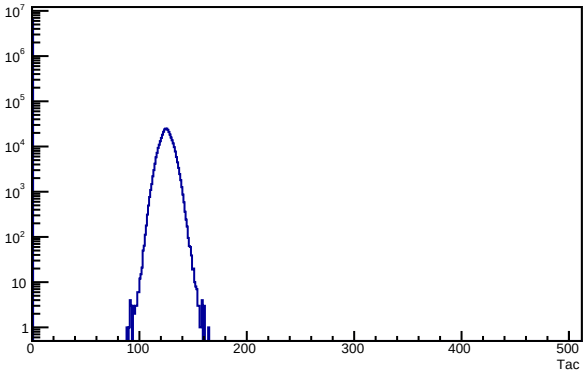

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.023569e+07
5.89975e+06
5.97094e+06
6.74523e+06
845479
774293
TAC-Sum
East
West


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

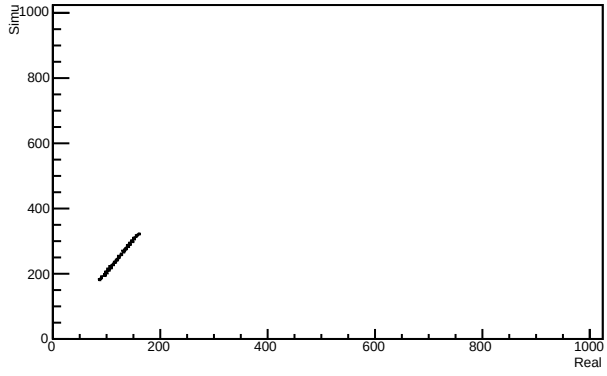

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.349046e+07
6.29348e+06
6.14857e+06
451753
596662
East
West


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

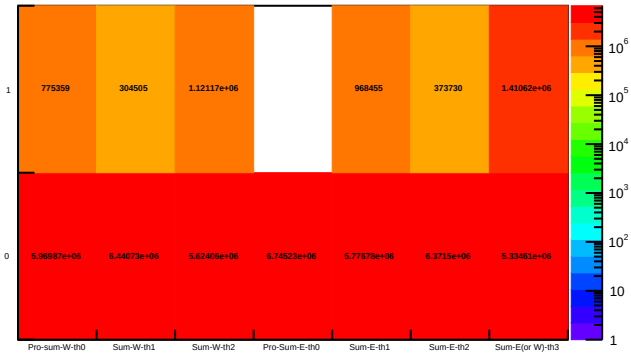
VT201 Input Ch2: ZDC Tac Diff



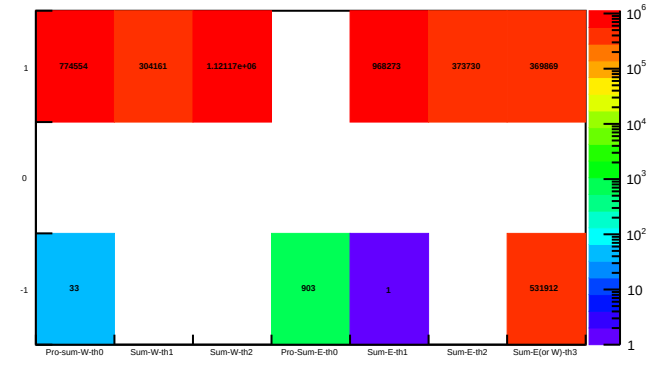
VT201 Input Ch2: ZDC Tac Diff



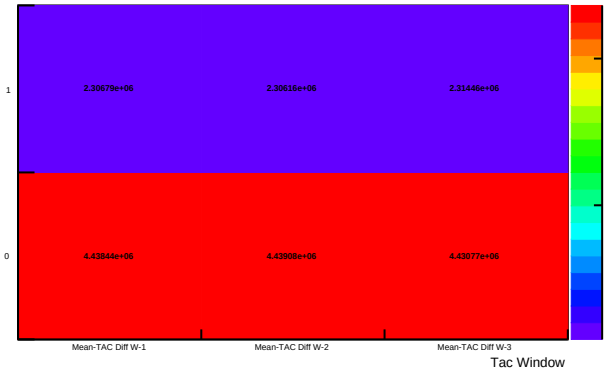
VT201 Input Ch2: ZDC Adc Sum Th



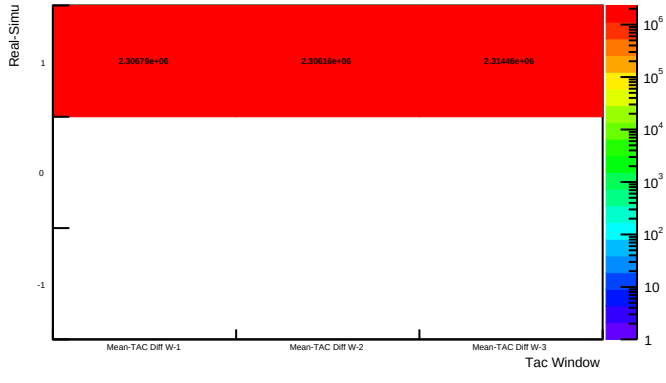
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



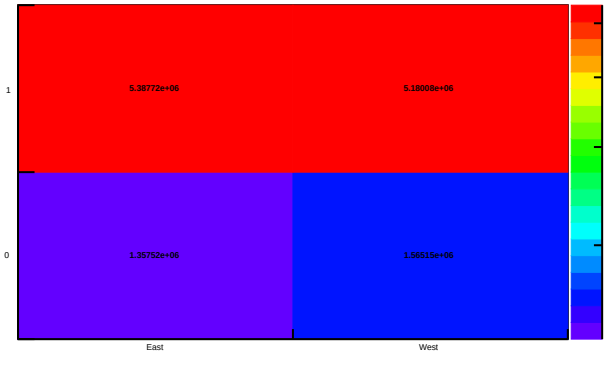
VT201 Input Ch4: VPD Tac Diff



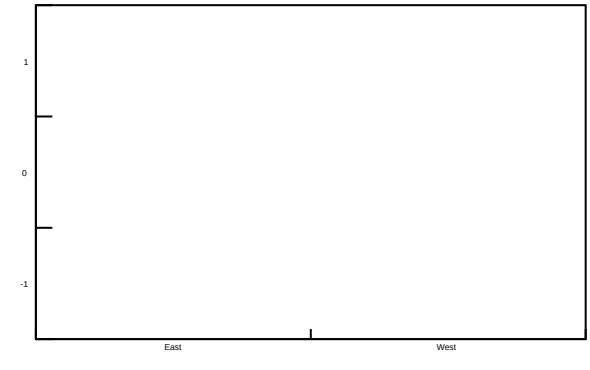
VT201 Input Ch4: VPD Tac Diff

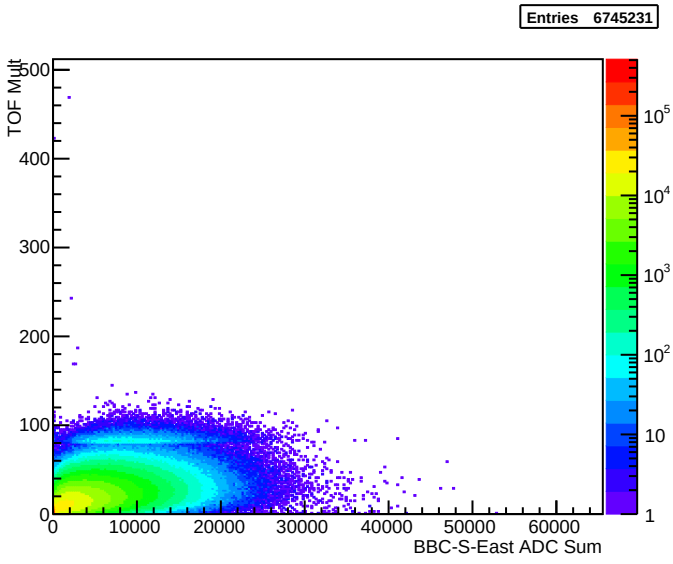


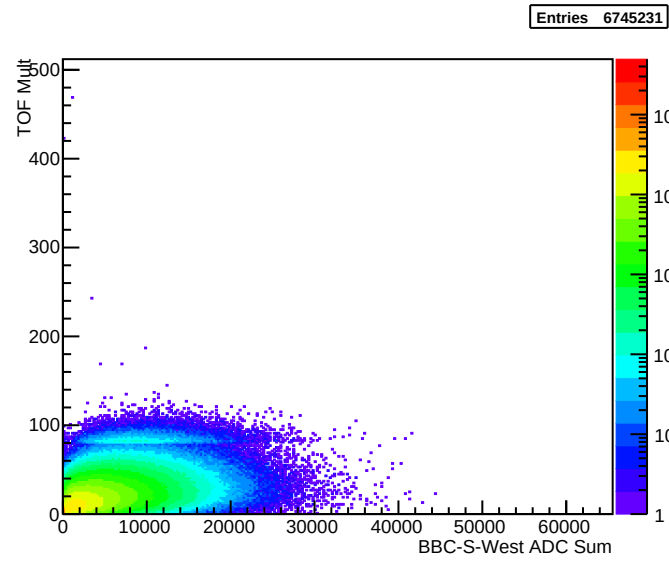
VT201 Input Ch4: VPD Adc Sum Th

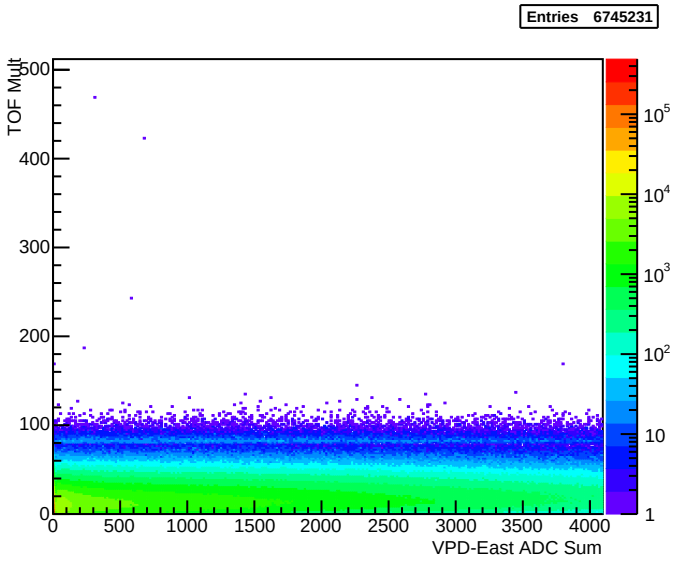


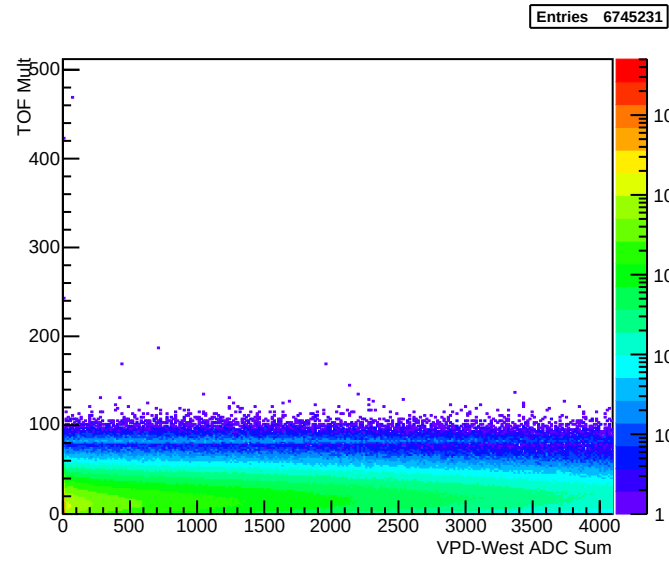
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

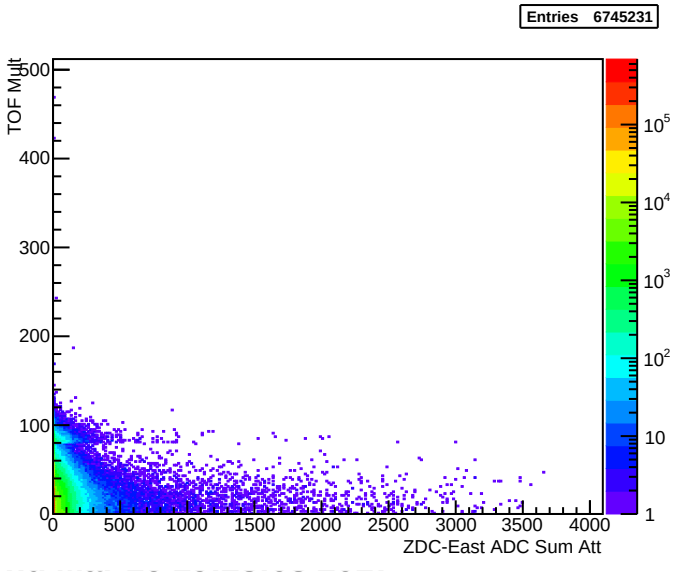


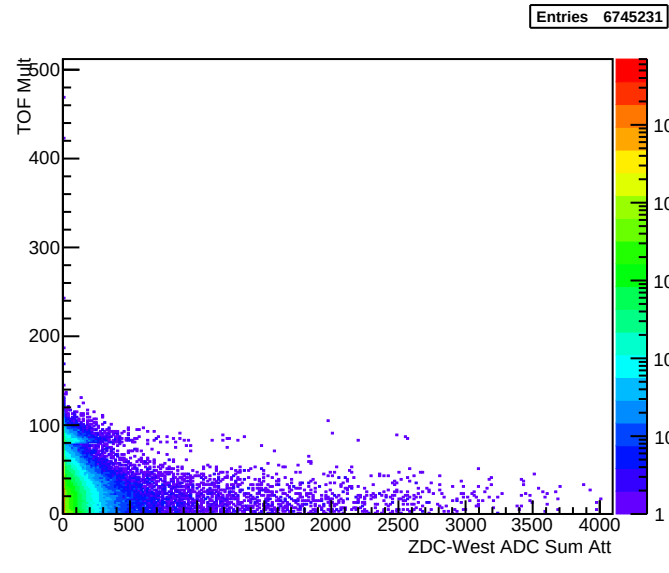

Entries 6745231
TOF Mult
BBC-S-East ADC Sum

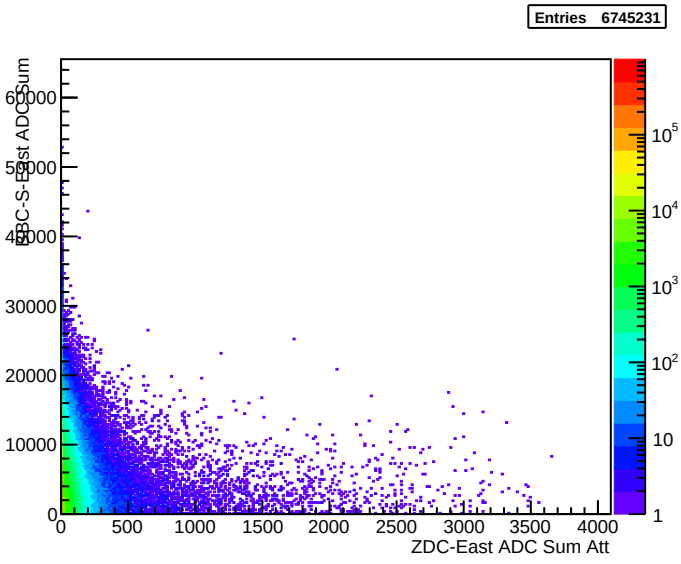

Entries 6745231
TOF Mult
BBC-S-West ADC Sum

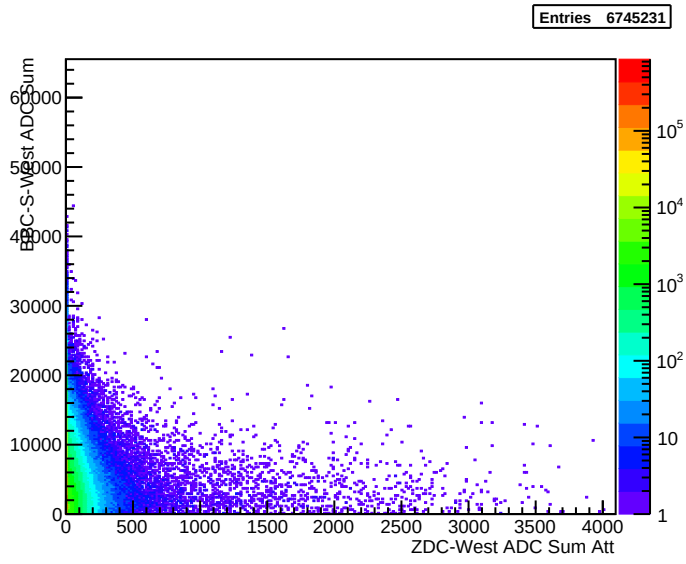

Entries 6745231
TOF Mult
VPD-East ADC Sum

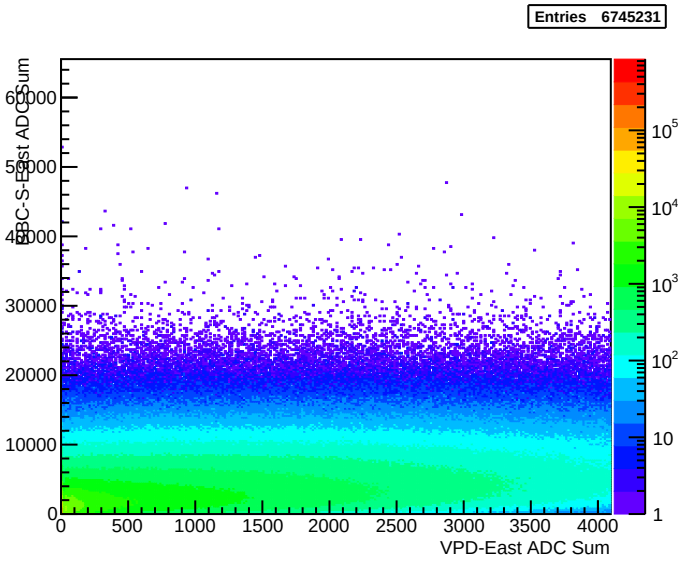

Entries 6745231
TOF Mult
VPD-West ADC Sum

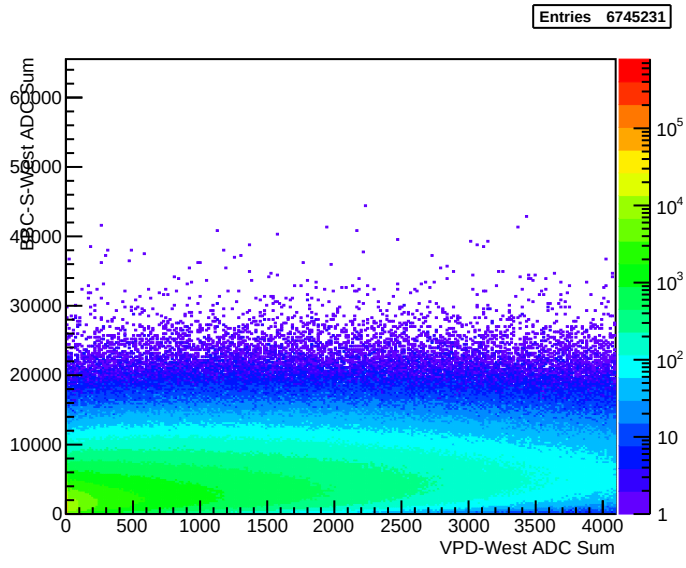

Entries 6745231
TOF Mult
ZDC-East ADC Sum Att

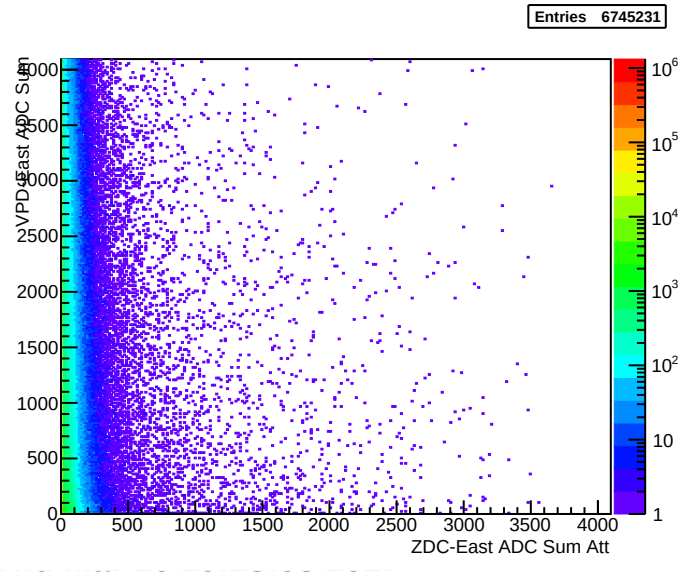

Entries 6745231
TOF Mult
ZDC-West ADC Sum Att

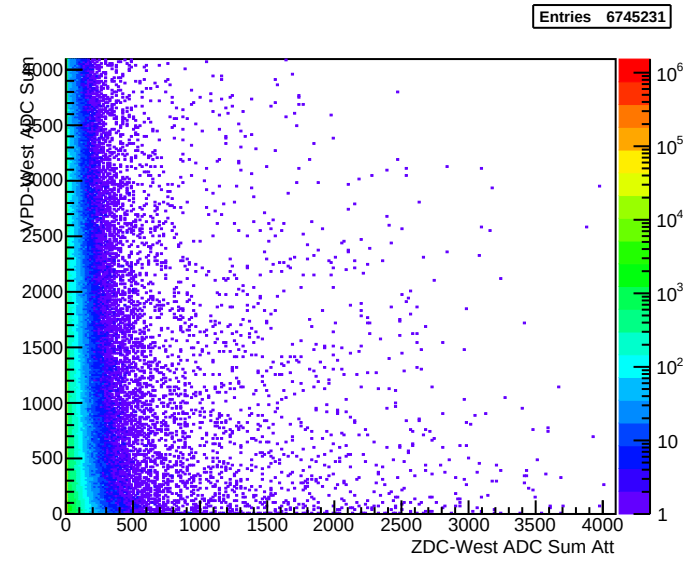

Entries 6745231
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

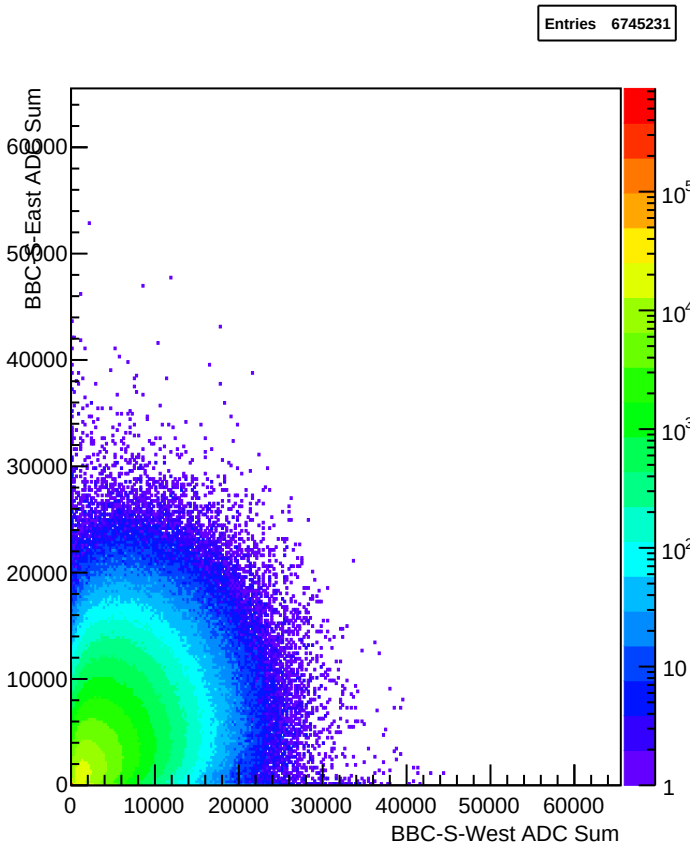

Entries 6745231
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

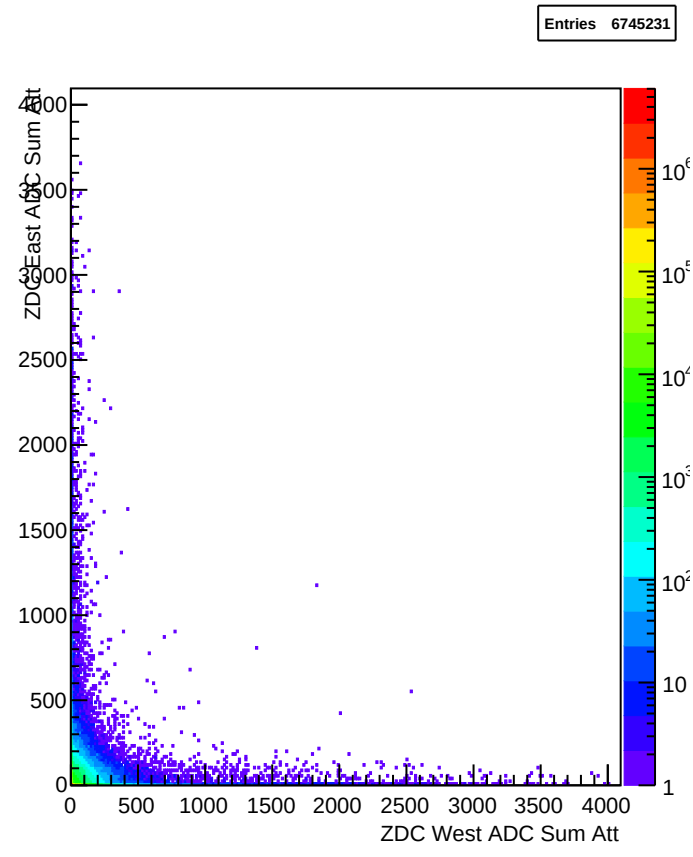

Entries 6745231
BBC-S-East ADC Sum
VPD-East ADC Sum

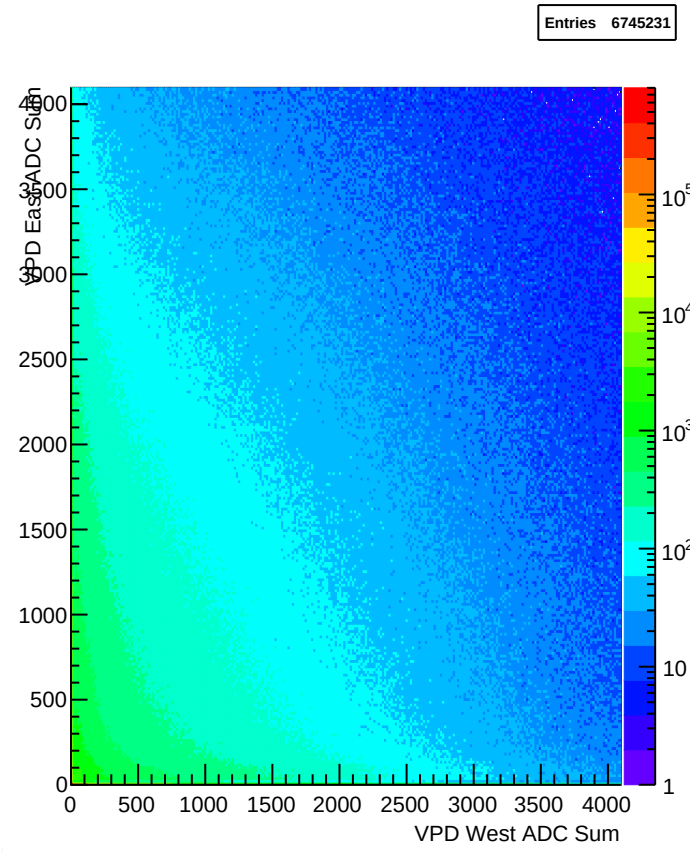

Entries 6745231
BBC-S-West ADC Sum
VPD-West ADC Sum

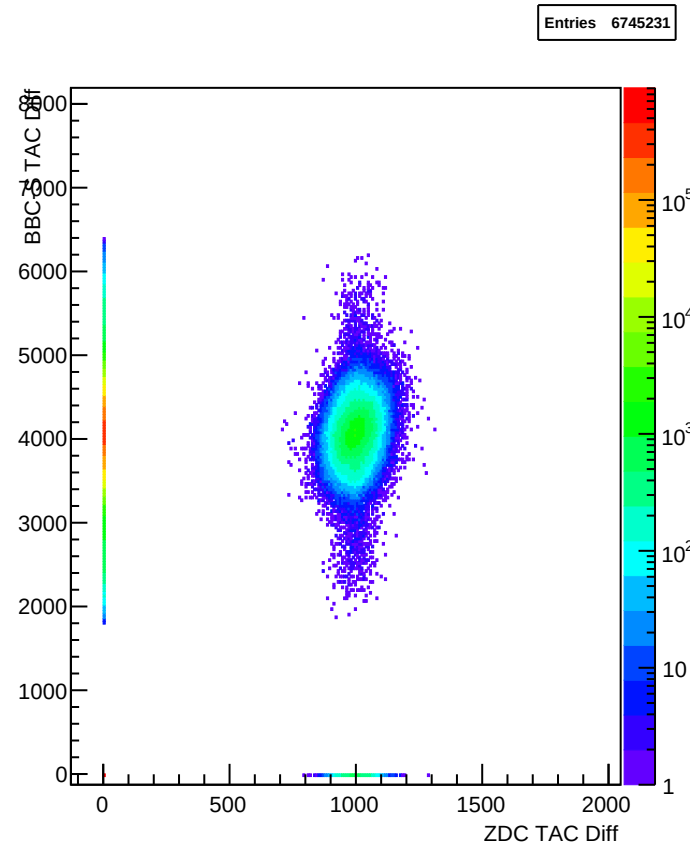

Entries 6745231
VPD-East ADC Sum
ZDC-East ADC Sum Att

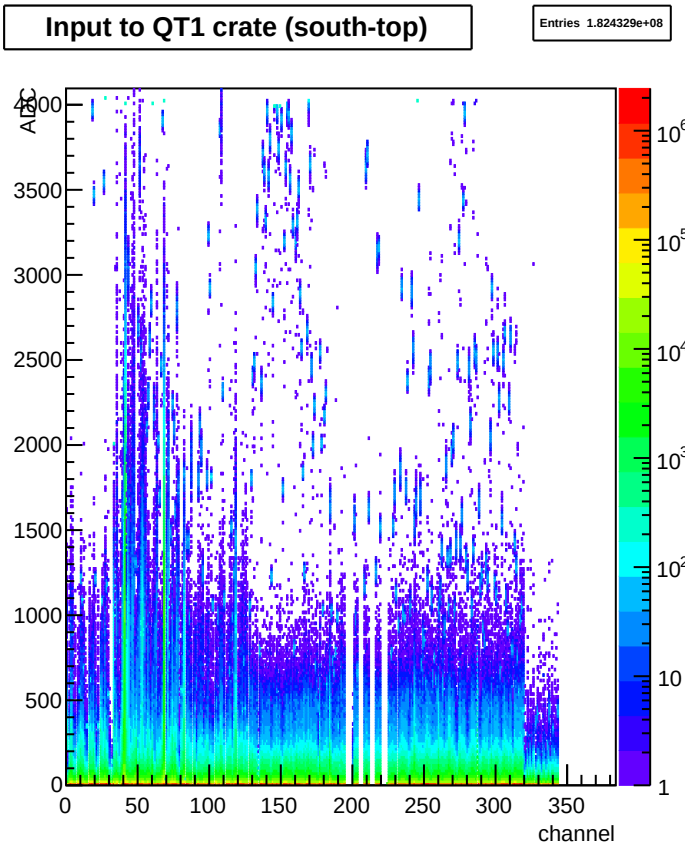

Entries 6745231
VPD-West ADC Sum
ZDC-West ADC Sum Att

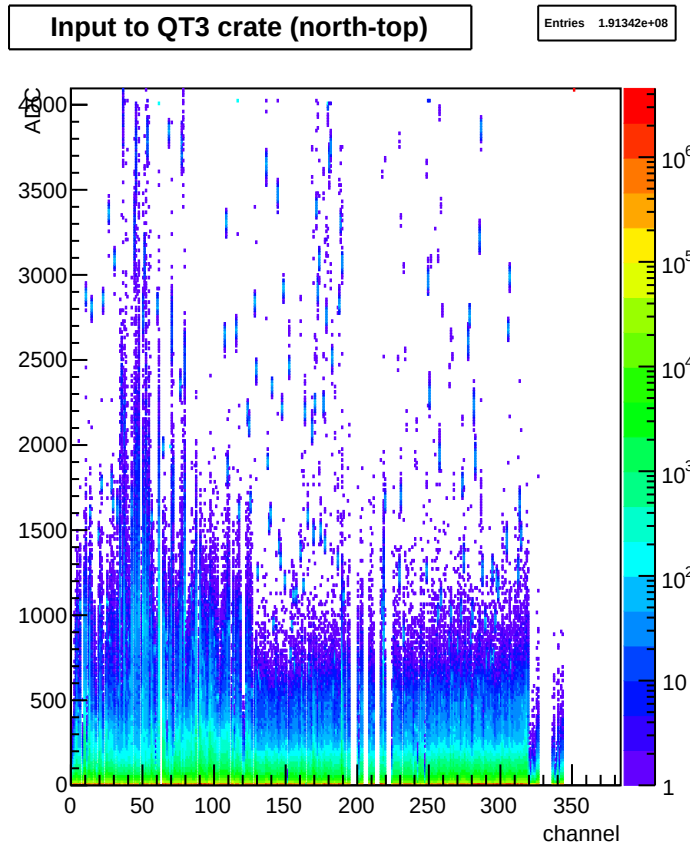

Entries 6745231
BBC-S-East ADC Sum
BBC-S-West ADC Sum

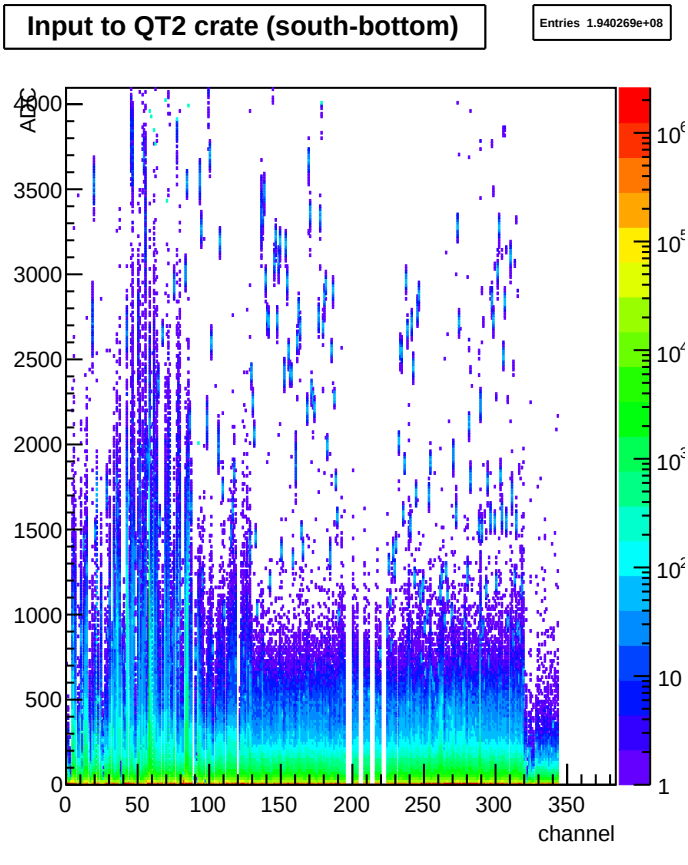

Entries 6745231
ZDC East ADC Sum Att
ZDC West ADC Sum Att

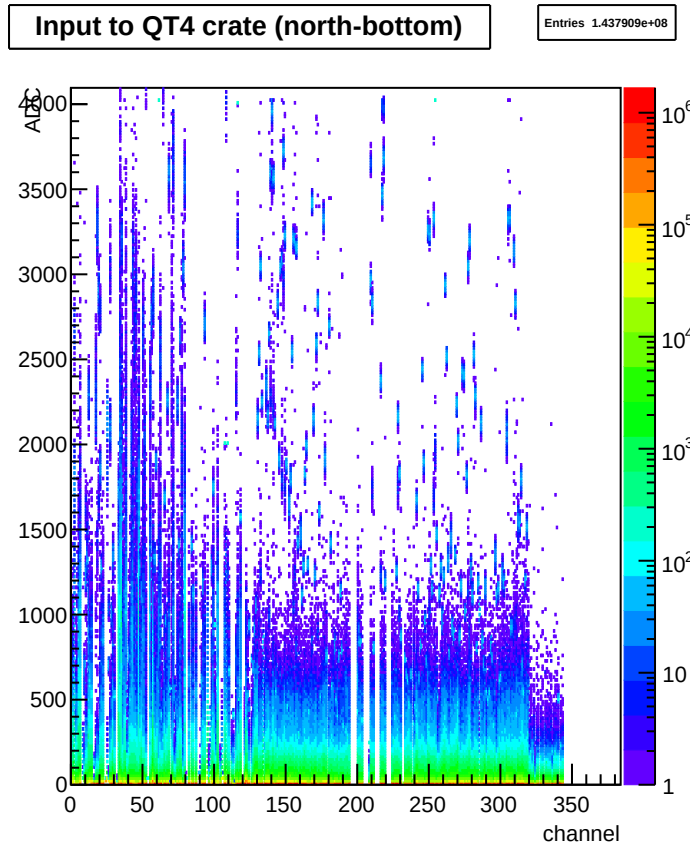

Entries 6745231
VPD East ADC Sum
VPD West ADC Sum

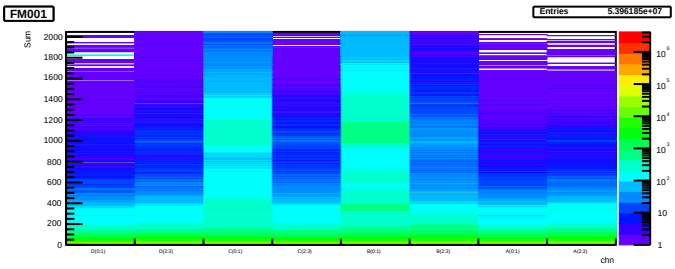

Entries 6745231
BBC-S TAC Diff
ZDC TAC Diff

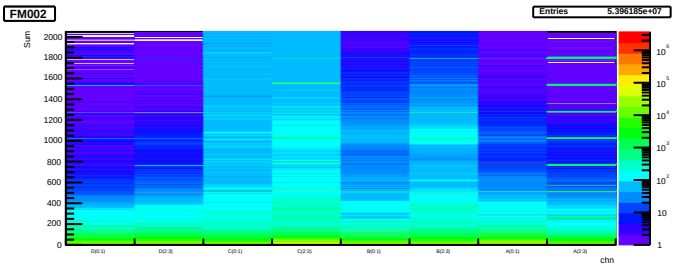

Input to QT1 crate (south-top)
Entries 1.824329e+08
ADC
channel

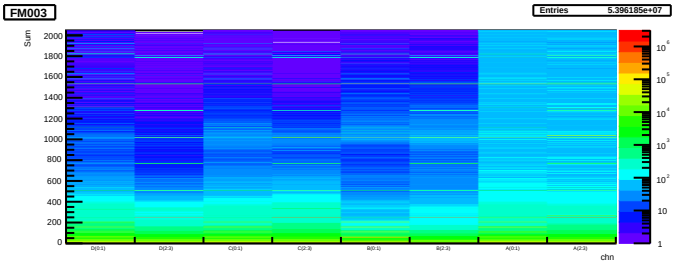

Input to QT3 crate (north-top)
Entries 1.91342e+08
ADC
channel

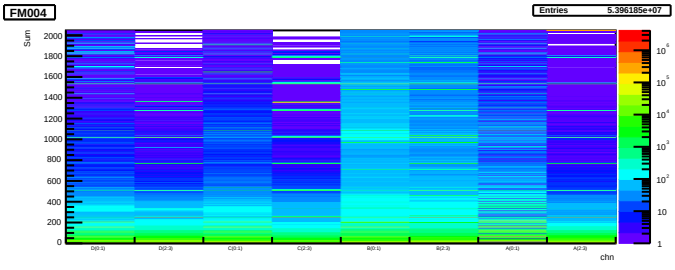

Input to QT2 crate (south-bottom)
Entries 1.940269e+08
ADC
channel

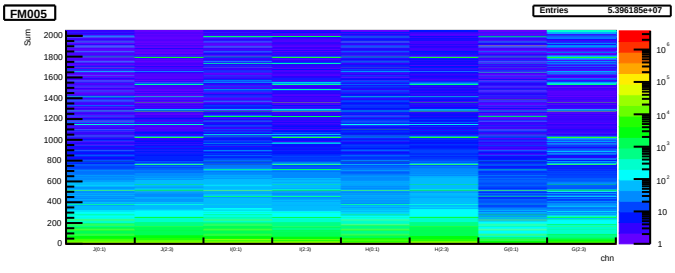

Input to QT4 crate (north-bottom)
Entries 1.437909e+08
ADC
channel

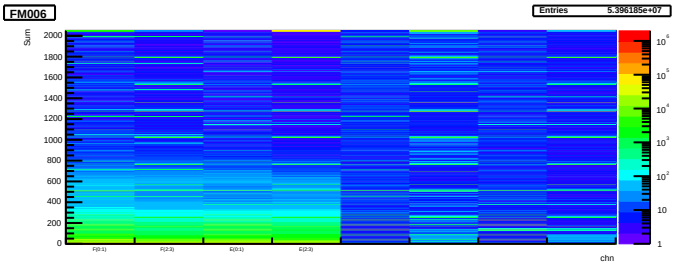

FM001
Entries 5.396185e+07
Sum
chn

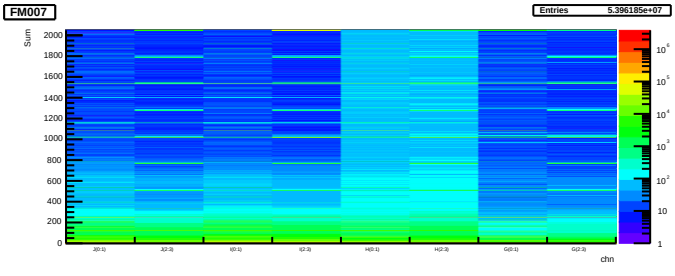

FM002
Entries 5.396185e+07
Sum
chn


FM003
Entries 5.396185e+07
Sum
chn


FM004
Entries 5.396185e+07
Sum
chn


FM005
Entries 5.396185e+07
Sum
chn


FM006
Entries 5.396185e+07
Sum
chn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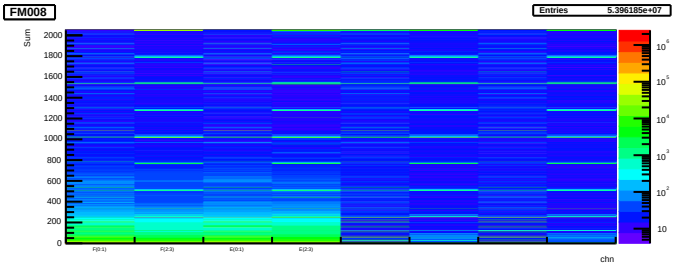
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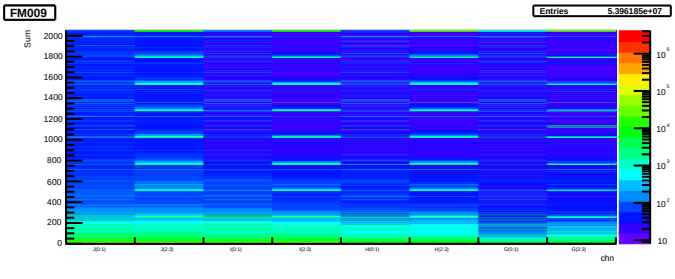
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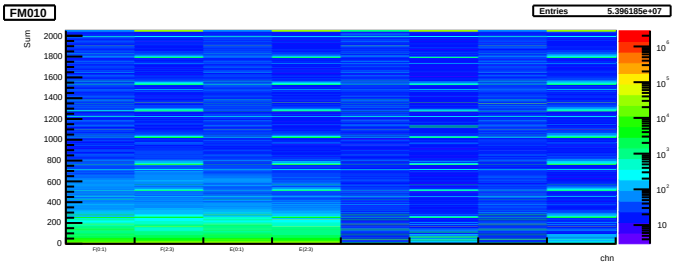
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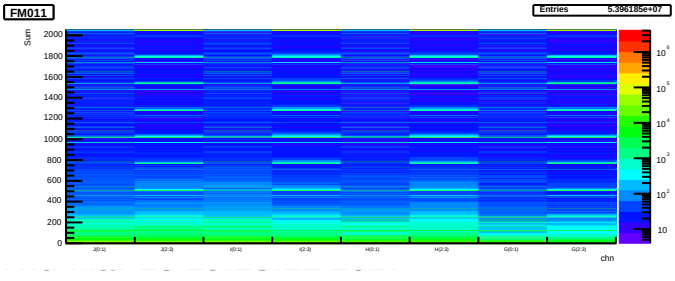
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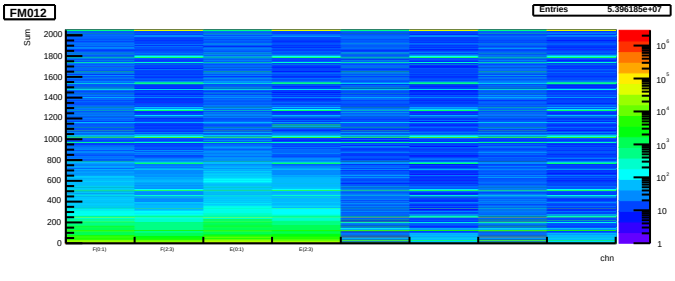
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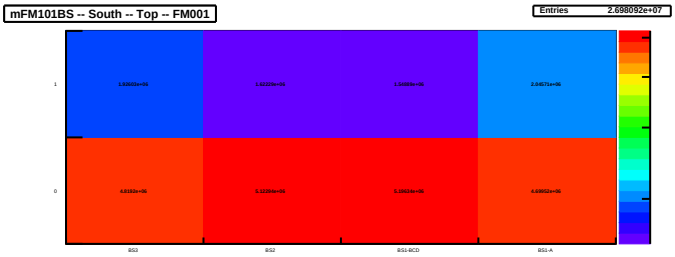
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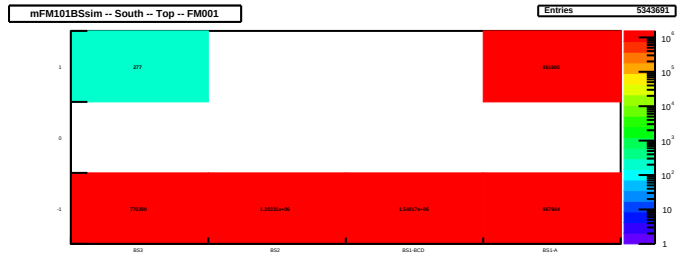
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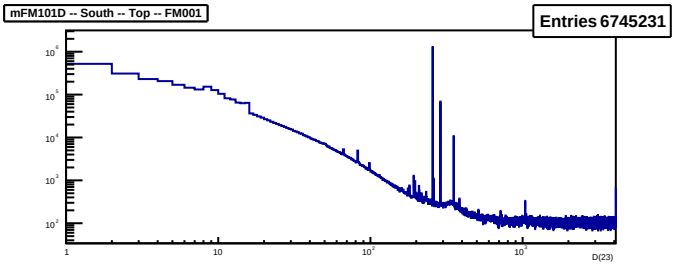
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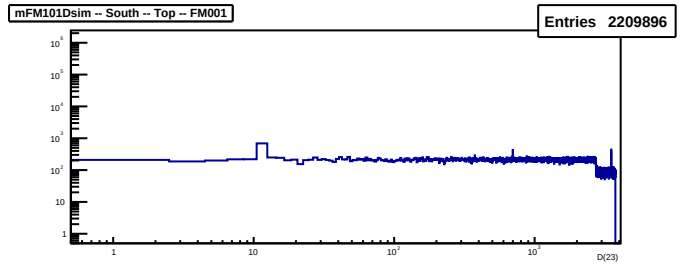
D(23)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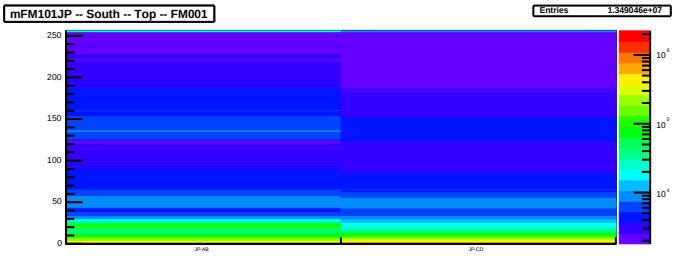
D(23)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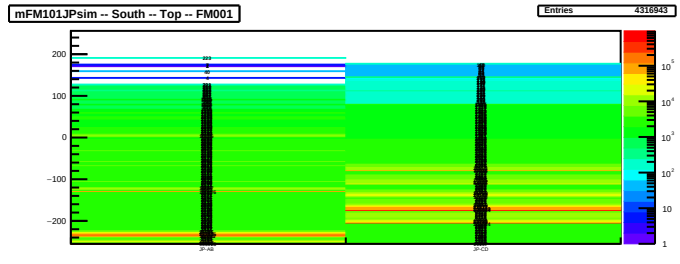
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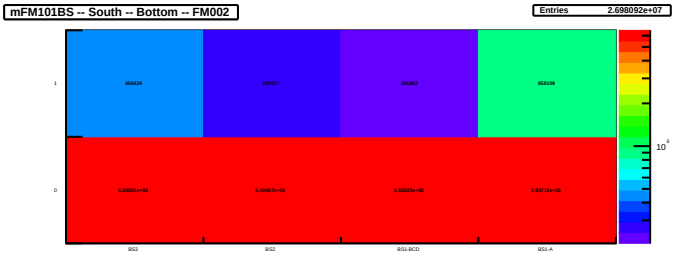
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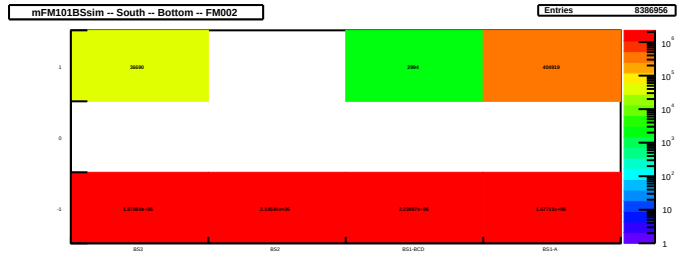
Entries 2.698092e+07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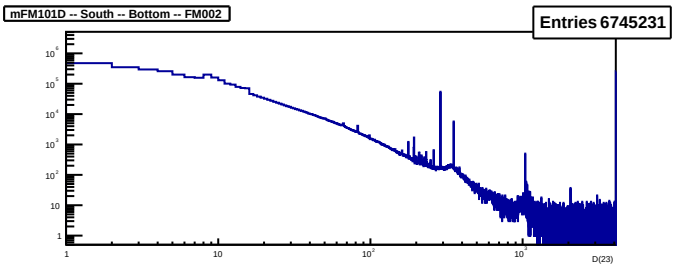
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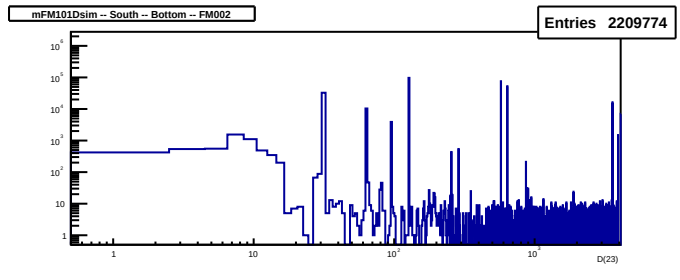
Entries 6745231
D(23)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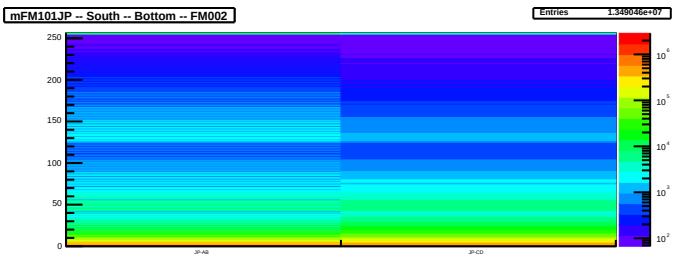
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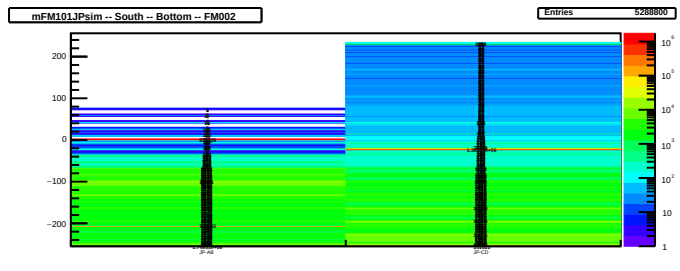
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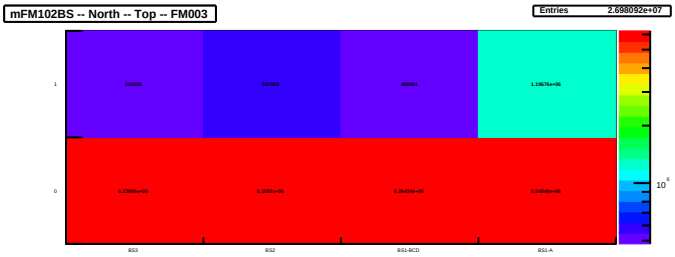
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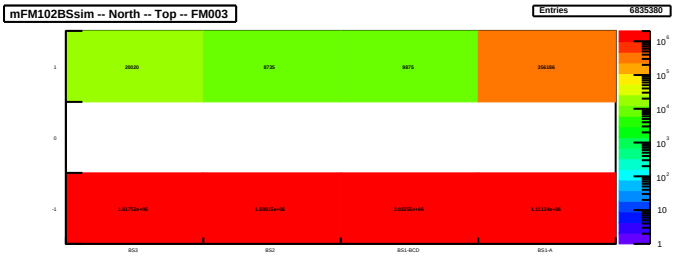
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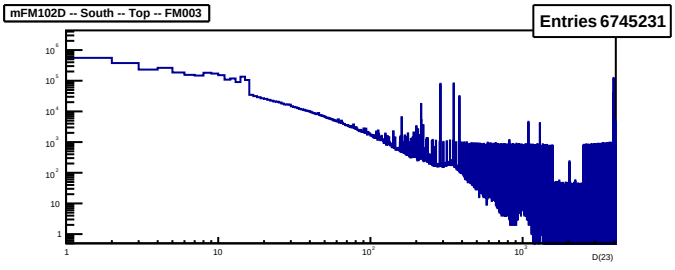
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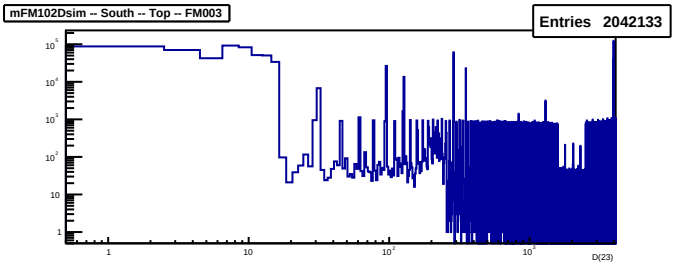
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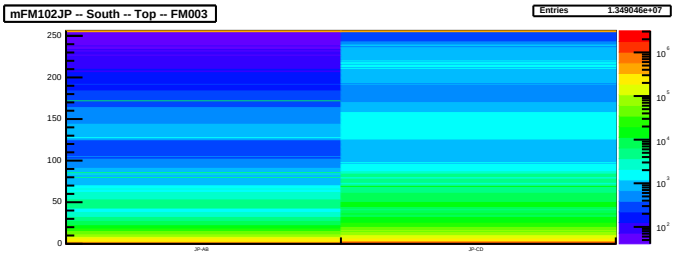
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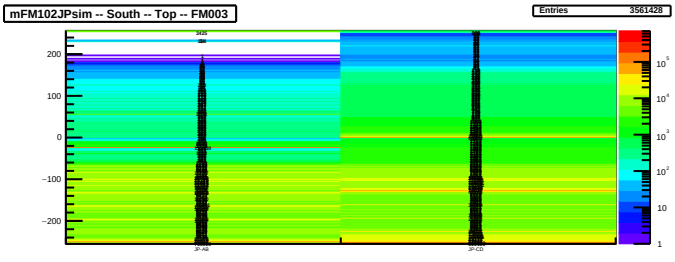
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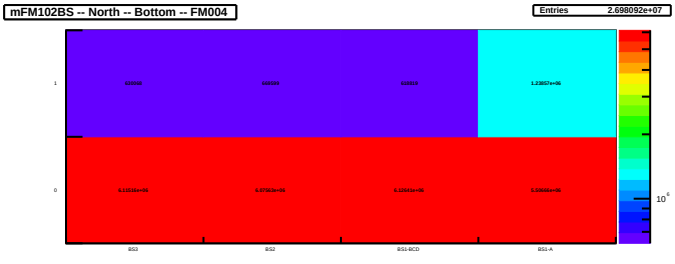
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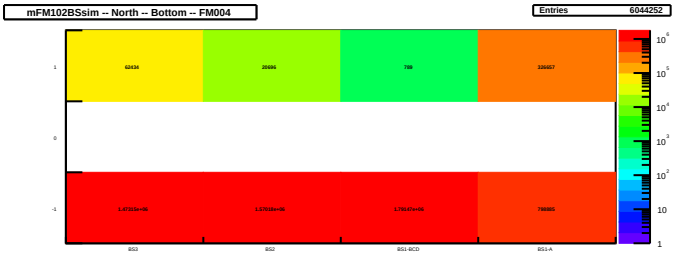
Entries 2.698092e+07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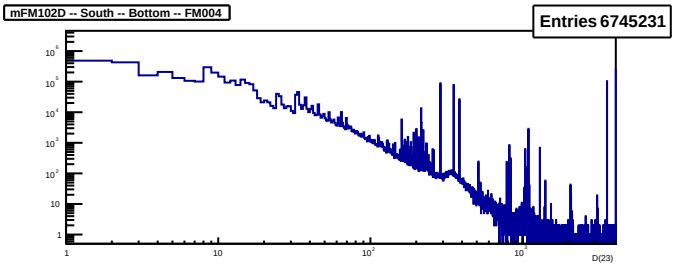
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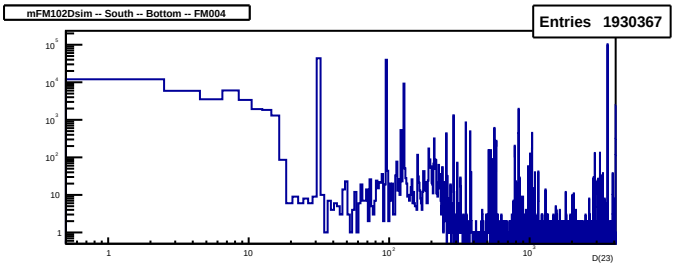
Entries 6745231
D(23)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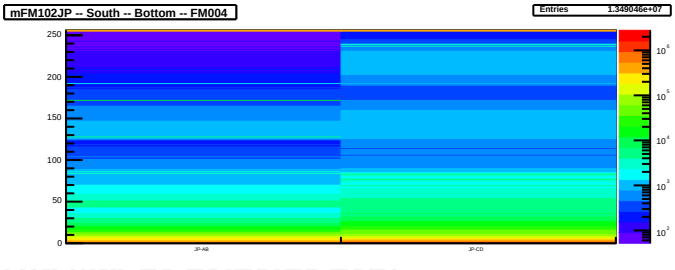
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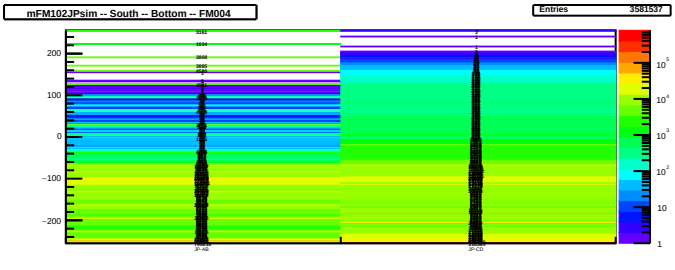
Entries 1.349046e+07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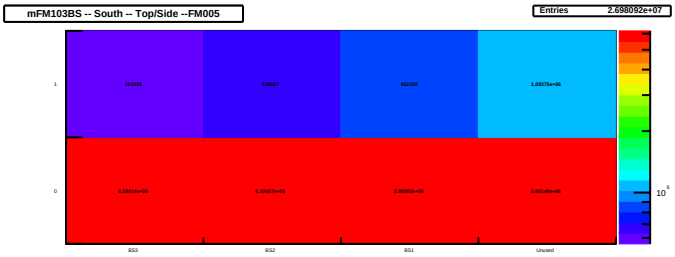
mFM103BS -- South -- Top/Side --FM005



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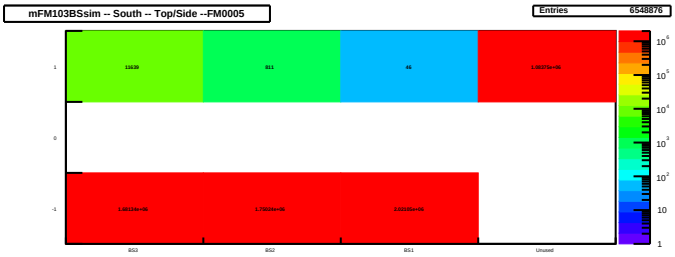

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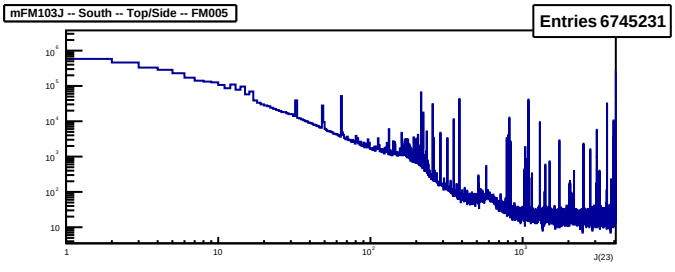
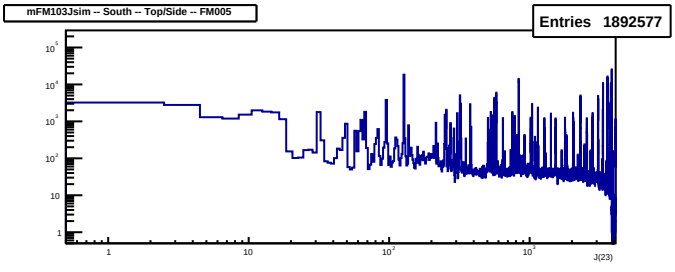


mFM103Jsim -- South -- Top/Side -- FM005



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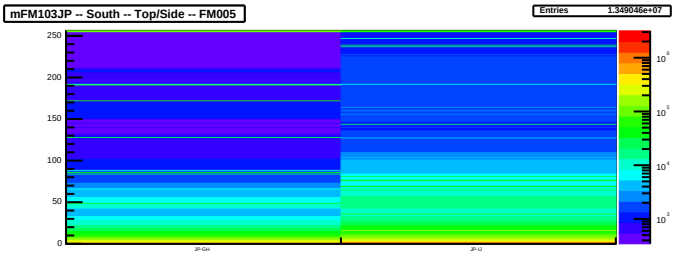

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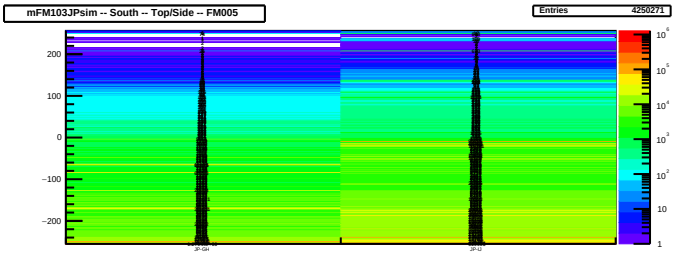
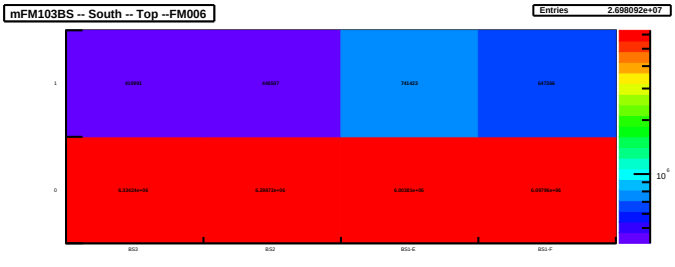


mFM103BS -- South -- Top --FM006



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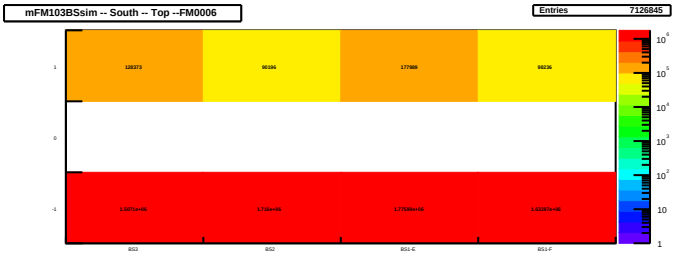
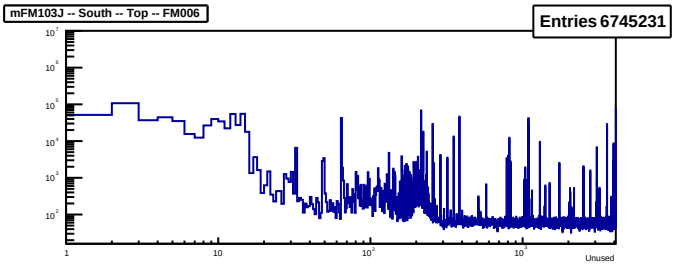


mFM103J -- South -- Top -- FM006



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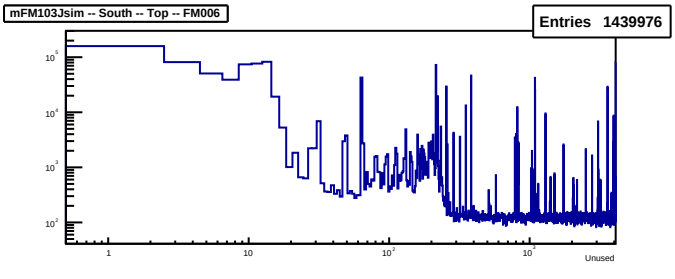

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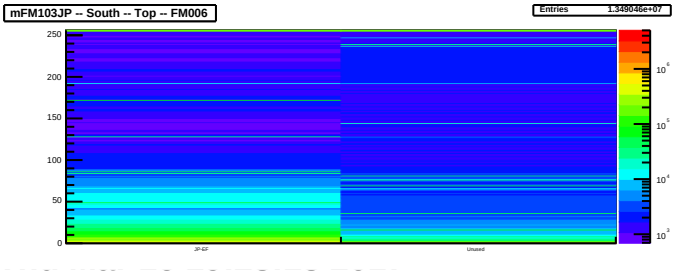
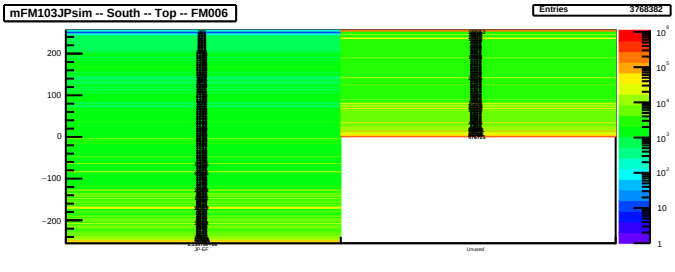
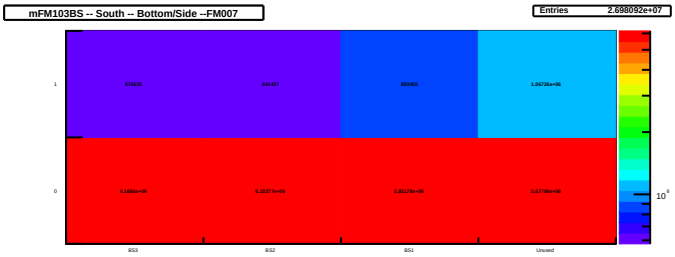


mFM103JPsim -- South -- Top -- FM006

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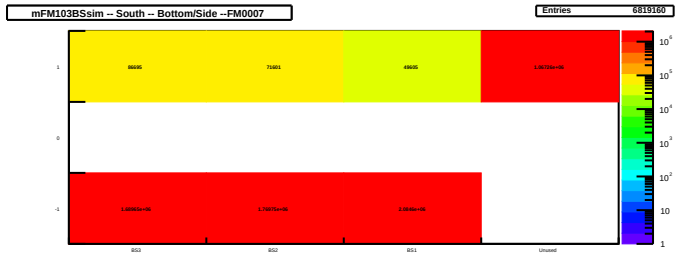
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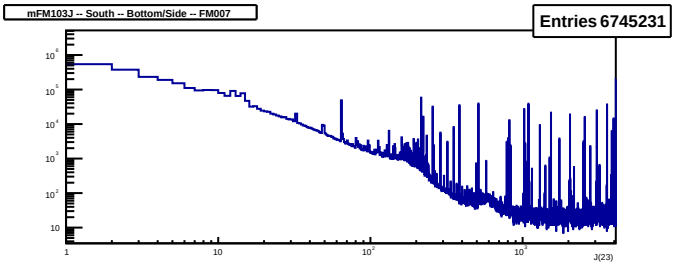
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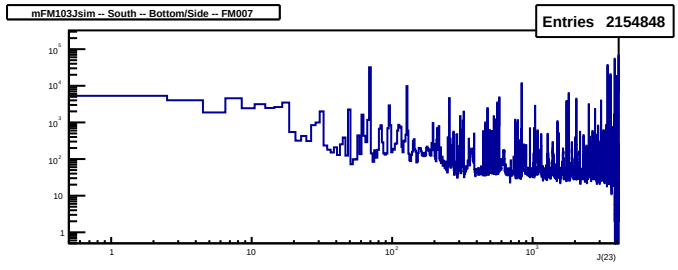
Entries 6745231
J(23)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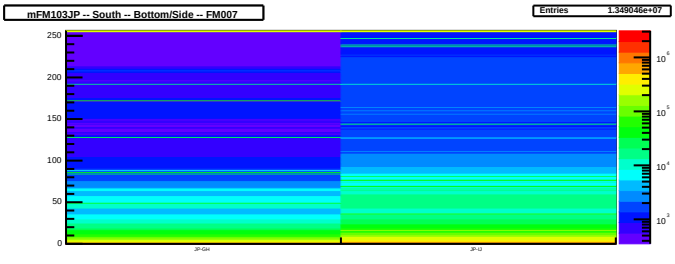
J(23)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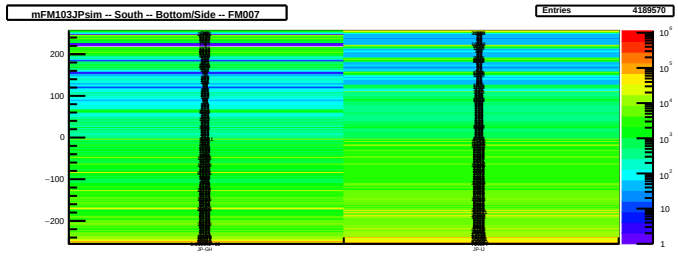
Entries 1.349046e+07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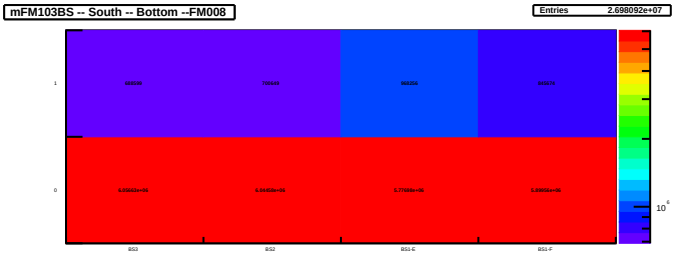
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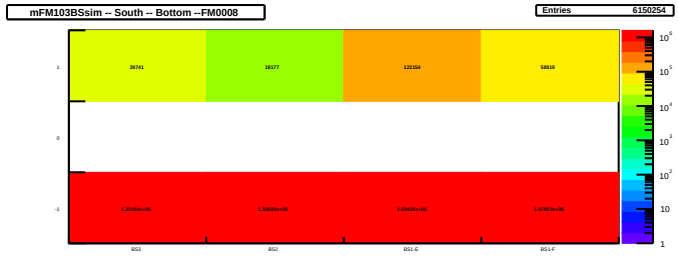
Entries 2.698092e+07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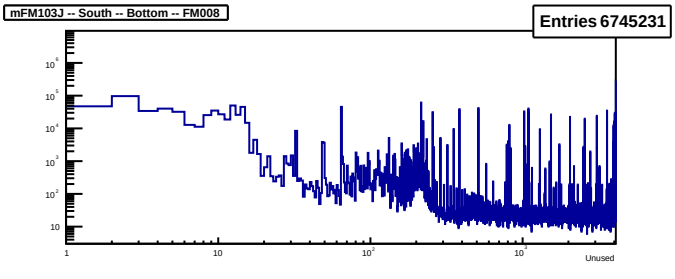
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Entries 6745231
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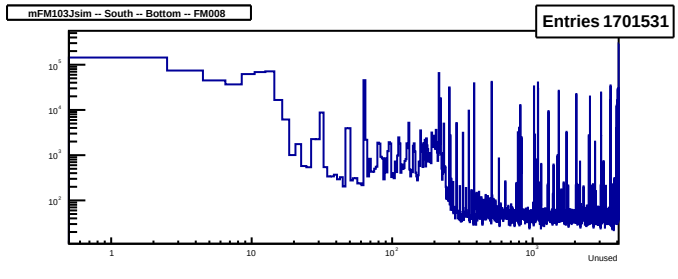
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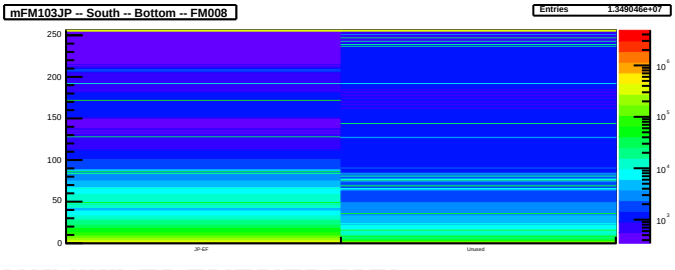
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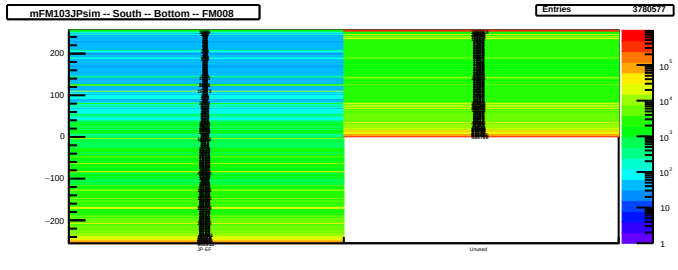
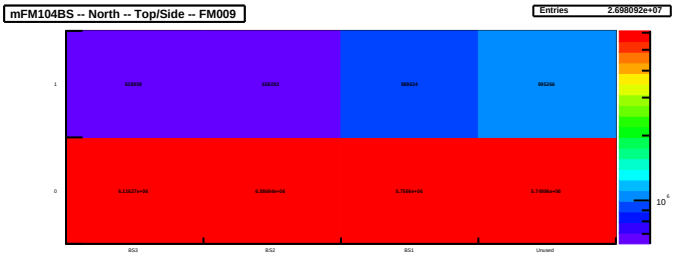
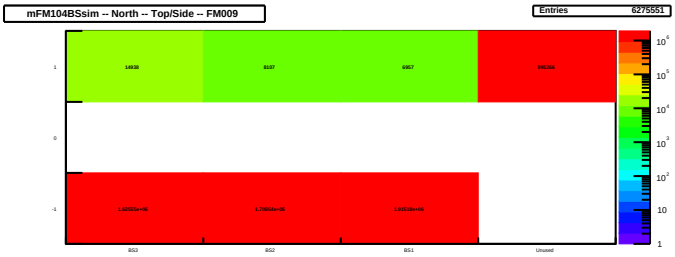
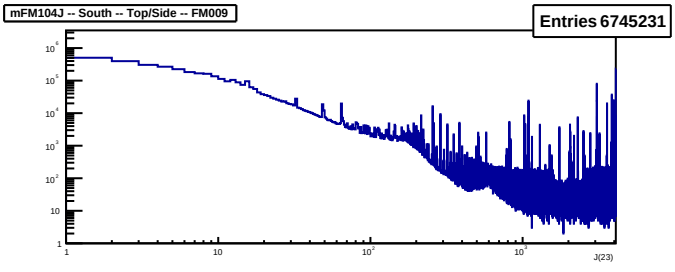
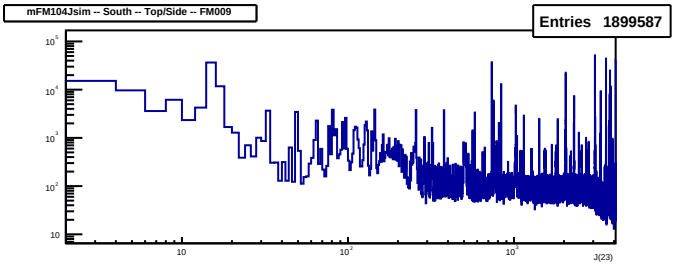
Entries 1.349046e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3780577


mFM104BS -- North -- Top/Side -- FM009
Entries 2.698092e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6275551


mFM104J -- South -- Top/Side -- FM009
Entries 6745231
J(23)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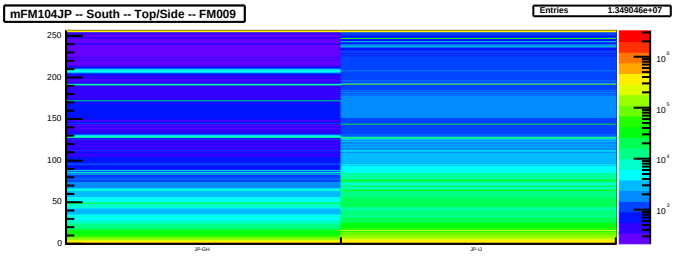
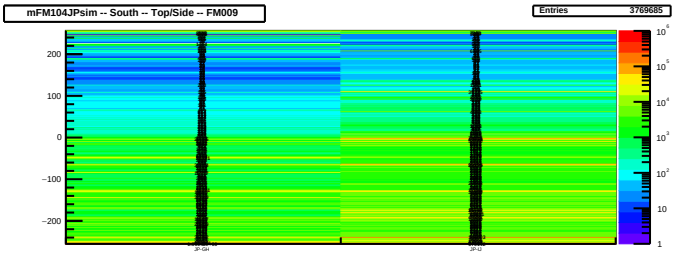
Entries 1899587
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.349046e+07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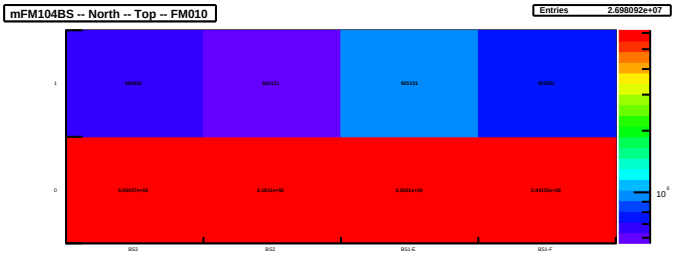
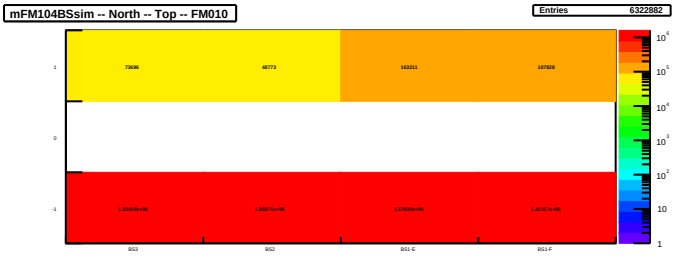
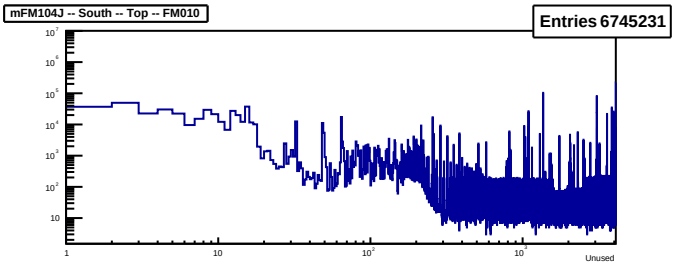
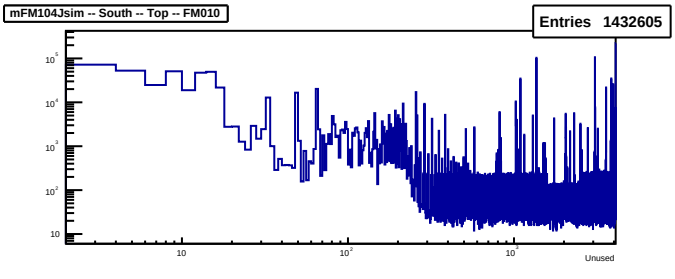
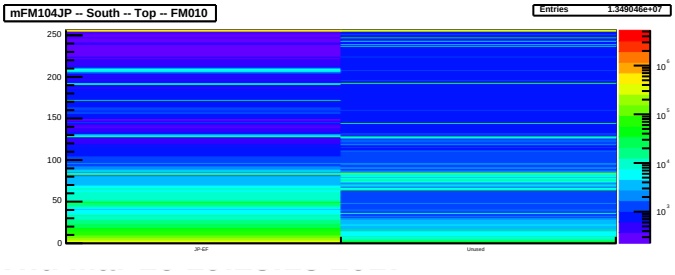
Entries 3769685

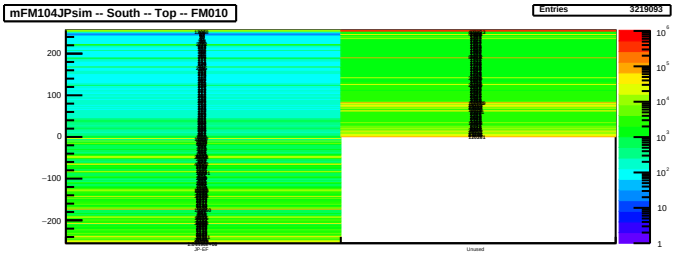

mFM104BS -- North -- Top -- FM010
Entries 2.698092e+07

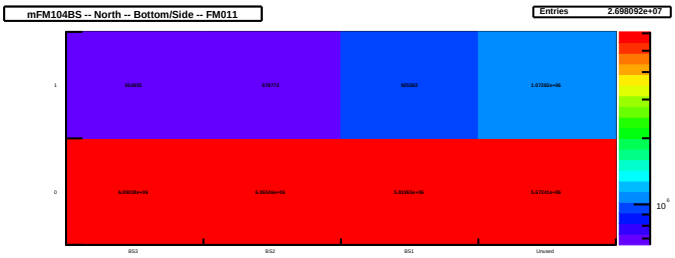

mFM104BSsim -- North -- Top -- FM010
Entries 6322882

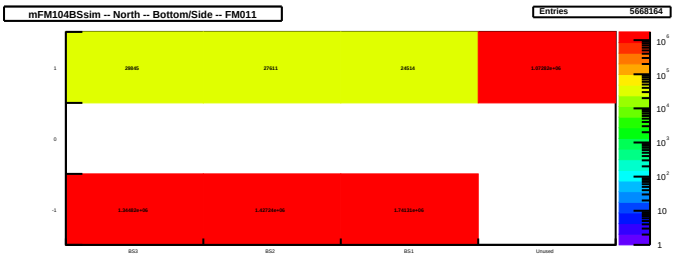

mFM104J -- South -- Top -- FM010
Entries 6745231
Unused

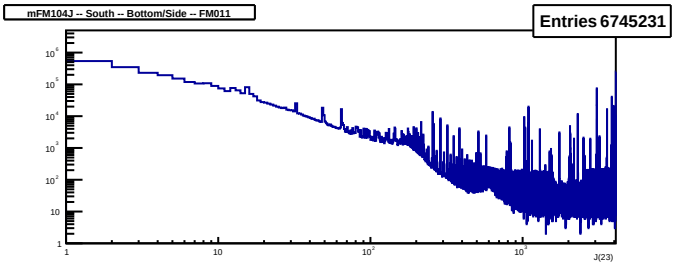

mFM104Jsim -- South -- Top -- FM010
Entries 1432605
Unused

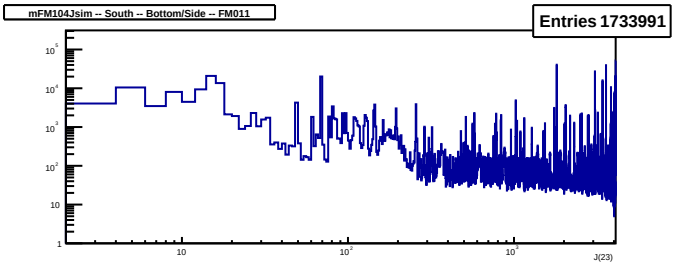

mFM104JP -- South -- Top -- FM010
Entries 1.349046e+07

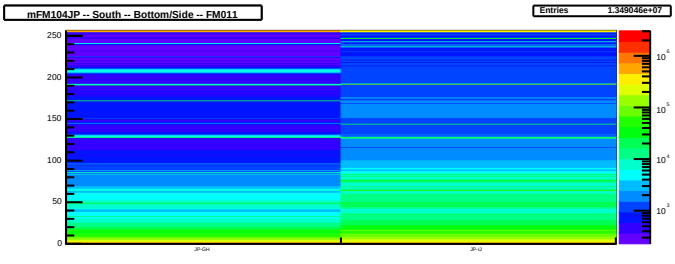

mFM104JPsim -- South -- Top -- FM010
Entries 3219093

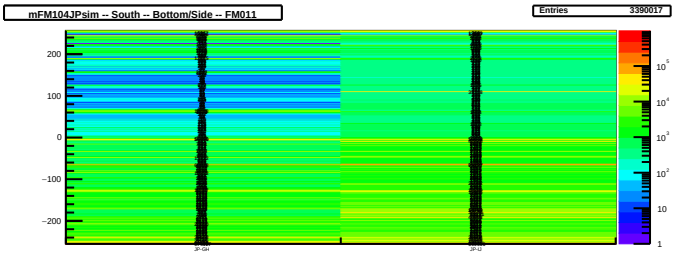

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.698092e+07

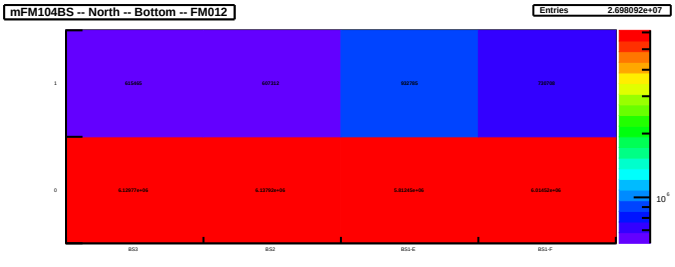

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5668164

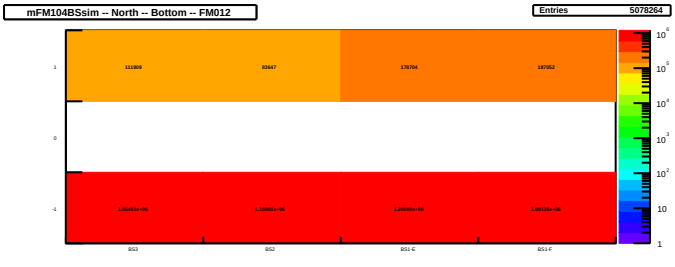

mFM104J -- South -- Bottom/Side -- FM011
Entries 6745231
J(23)

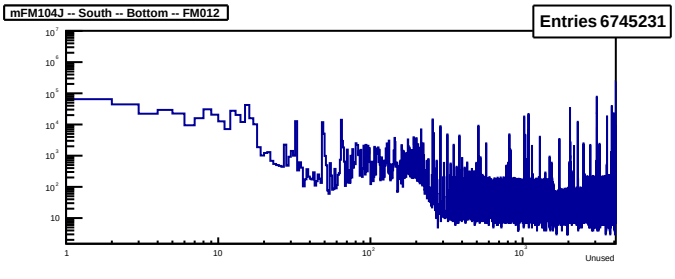

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1733991
J(23)

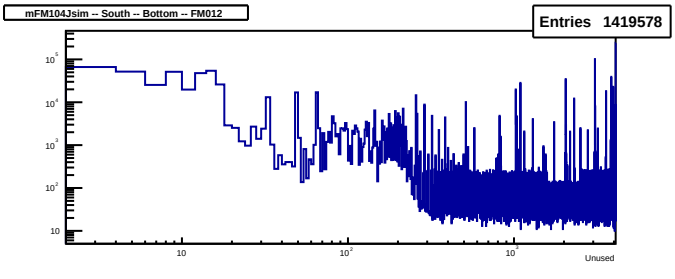

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.349046e+07

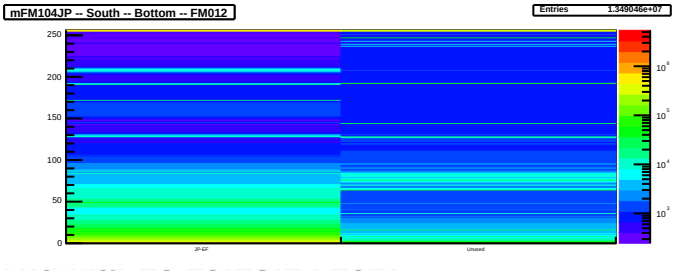

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3390017

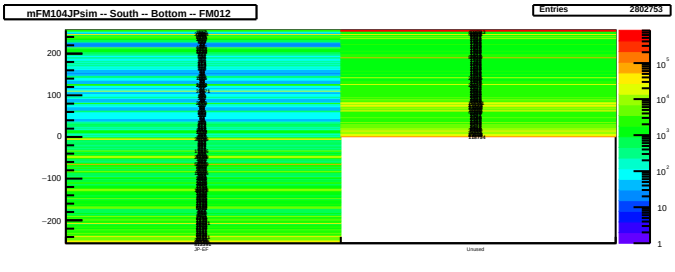

mFM104BS -- North -- Bottom -- FM012
Entries 2.698092e+07

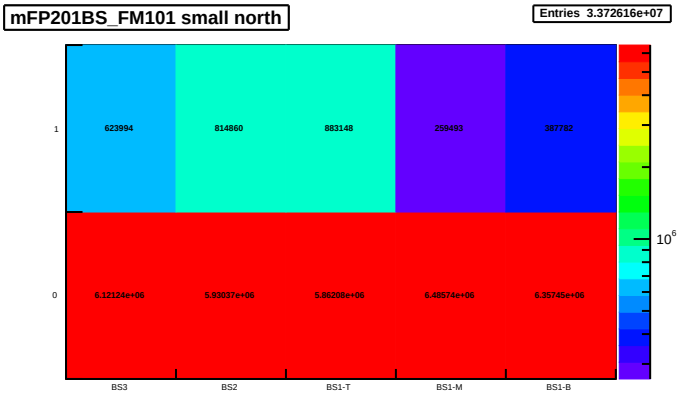

mFM104BSsim -- North -- Bottom -- FM012
Entries 5078264

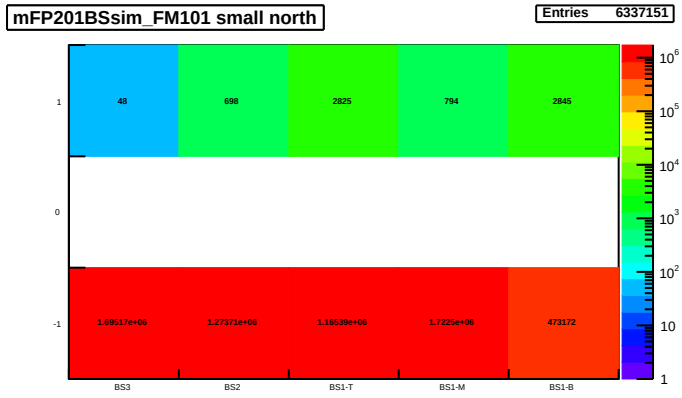

mFM104J -- South -- Bottom -- FM012
Entries 6745231
Unused

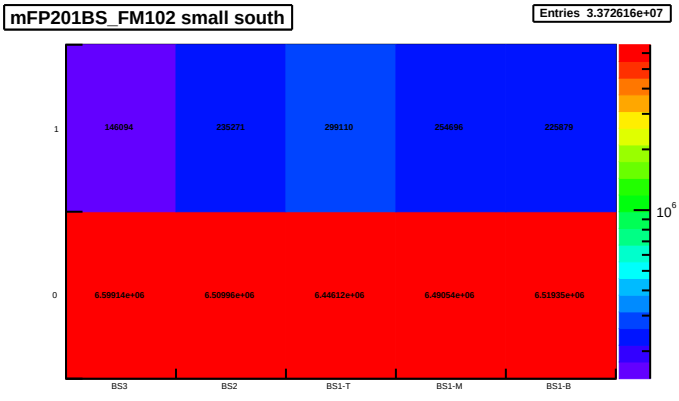

mFM104Jsim -- South -- Bottom -- FM012
Entries 1419578
Unused

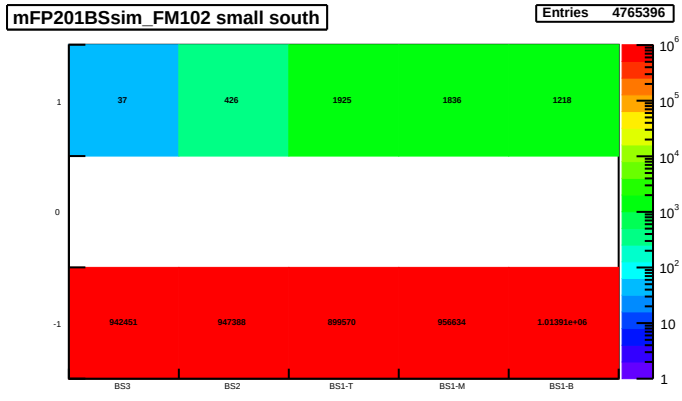

mFM104JP -- South -- Bottom -- FM012
Entries 1.349046e+07

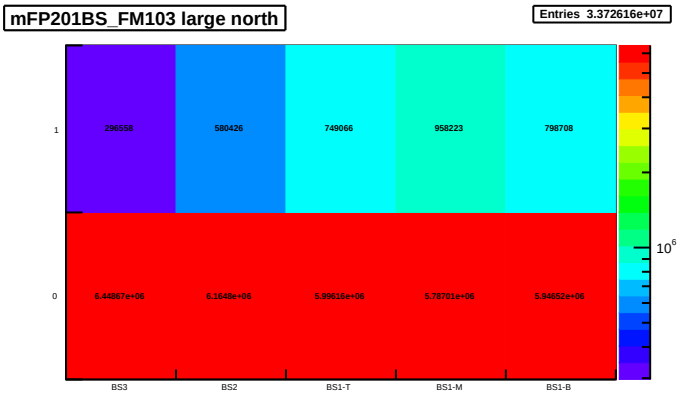

mFM104JPsim -- South -- Bottom -- FM012
Entries 2802753

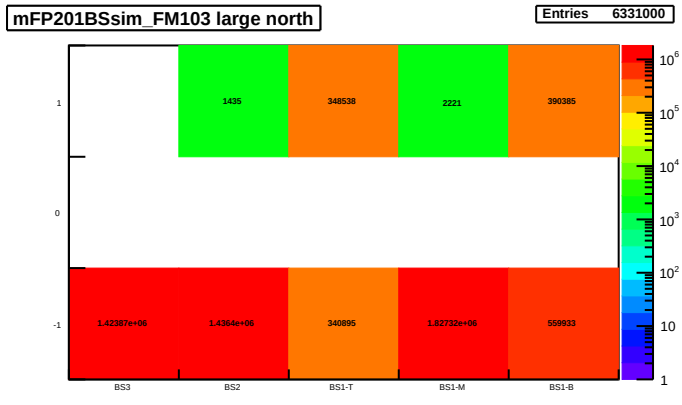

mFP201BS_FM101 small north
Entries 3.372616e+07
623994
814860
883148
259493
387782
6.12124e+06
5.93037e+06
5.86208e+06
6.48574e+06
6.35745e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

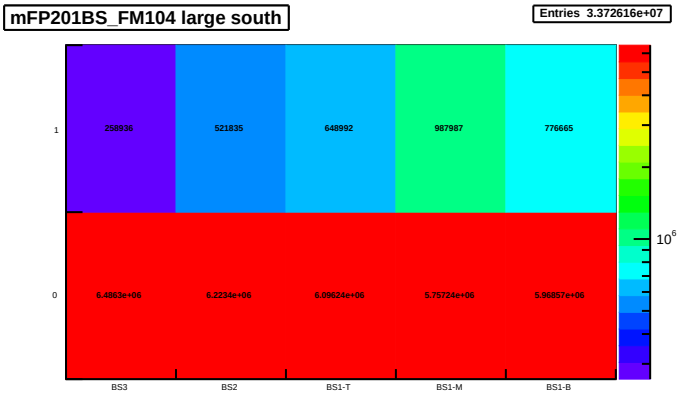

mFP201BSsim_FM101 small north
Entries 6337151
48
698
2825
794
2845
1.69517e+06
1.27371e+06
1.16539e+06
1.7225e+06
473172
BS3
BS2
BS1-T
BS1-M
BS1-B

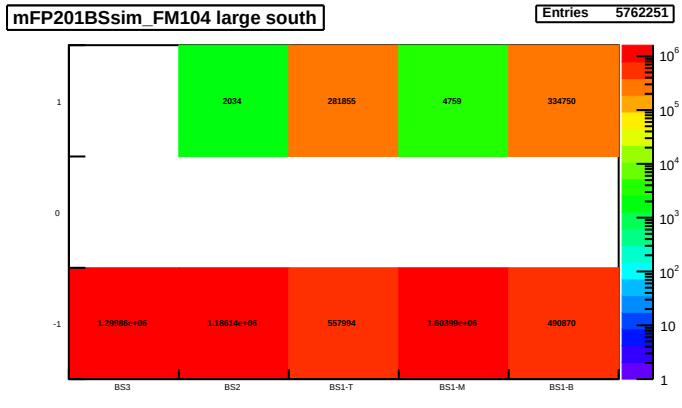

mFP201BS_FM102 small south
Entries 3.372616e+07
146094
235271
299110
254696
225879
6.59914e+06
6.50996e+06
6.44612e+06
6.49054e+06
6.51935e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

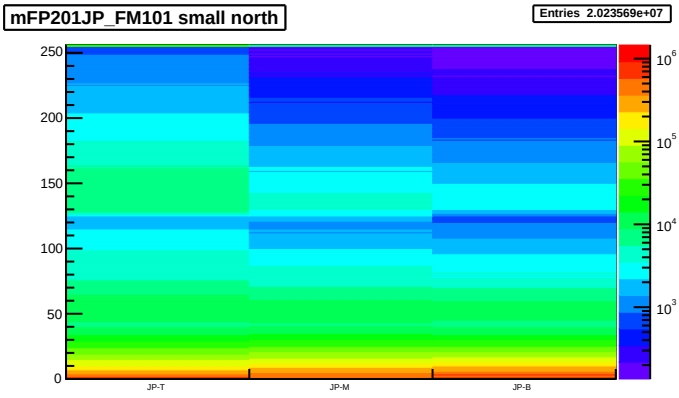

mFP201BSsim_FM102 small south
Entries 4765396
37
426
1925
1836
1218
942451
947388
899570
956634
1.01391e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

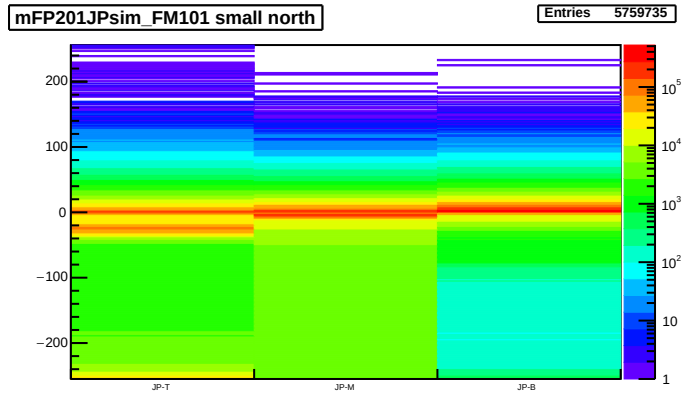

mFP201BS_FM103 large north
Entries 3.372616e+07
296558
580426
749066
958223
798708
6.44867e+06
6.1648e+06
5.99616e+06
5.78701e+06
5.94652e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

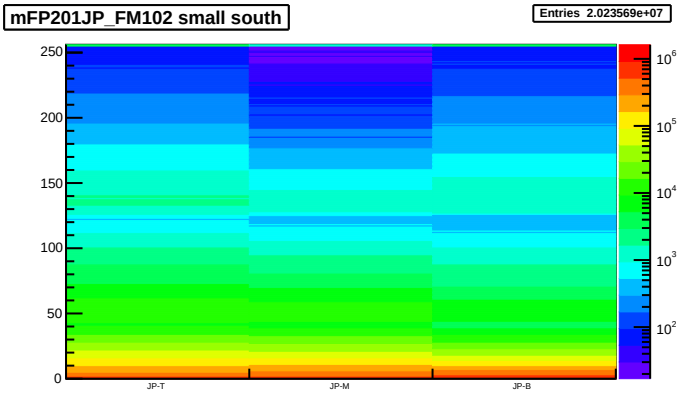

mFP201BSsim_FM103 large north
Entries 6331000
1435
348538
2221
390385
1.42387e+06
1.4364e+06
340895
1.82732e+06
559933
BS3
BS2
BS1-T
BS1-M
BS1-B

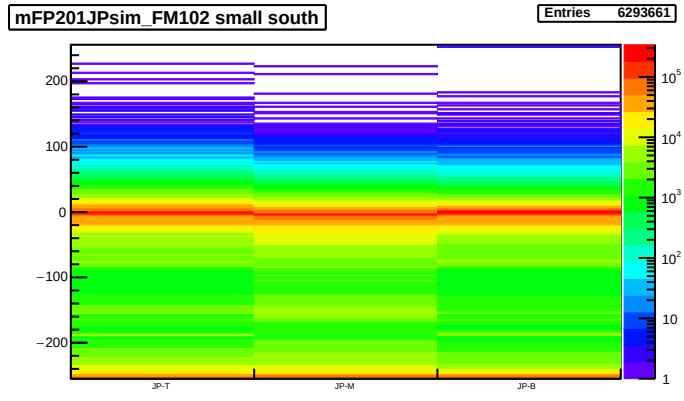

mFP201BS_FM104 large south
Entries 3.372616e+07
258836
521835
648992
987987
776665
6.4863e+06
6.2234e+06
6.09624e+06
5.75724e+06
5.96857e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

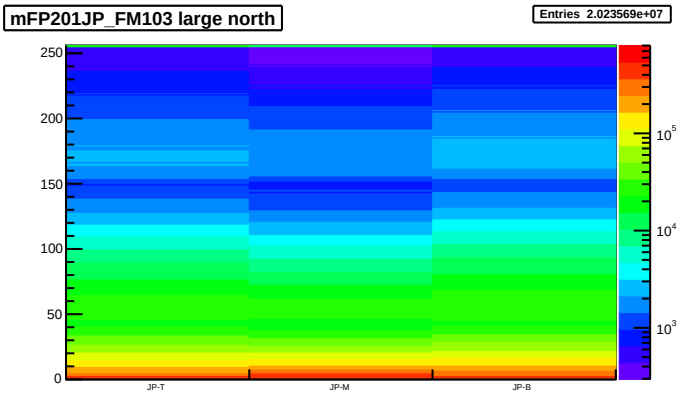

mFP201BSsim_FM104 large south
Entries 5762251
2034
281855
4759
334750
1.29986e+06
1.18614e+06
557994
1.60399e+06
490870
BS3
BS2
BS1-T
BS1-M
BS1-B

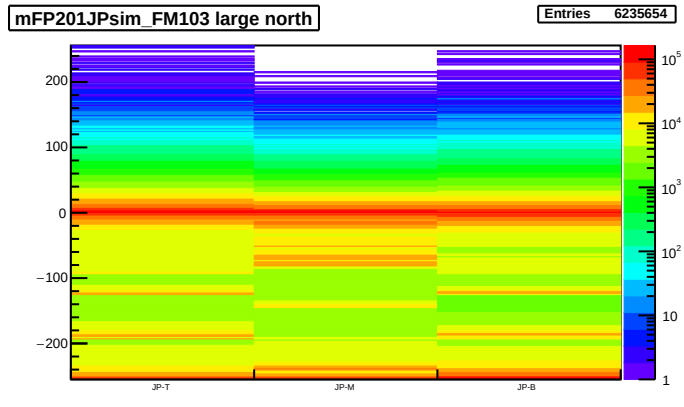

mFP201JP_FM101 small north
Entries 2.023569e+07
JP-T
JP-M
JP-B

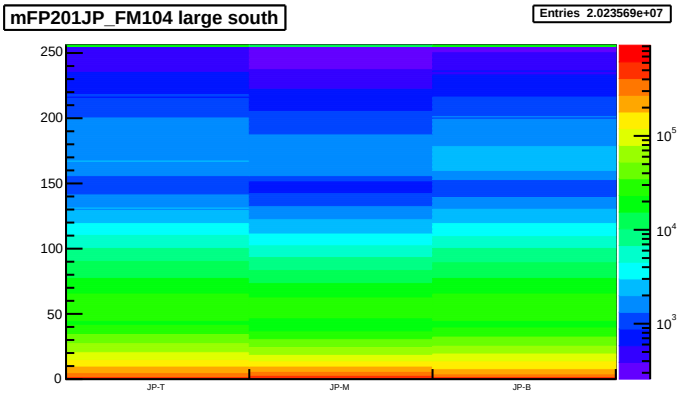

mFP201JPsim_FM101 small north
Entries 5759735
JP-T
JP-M
JP-B

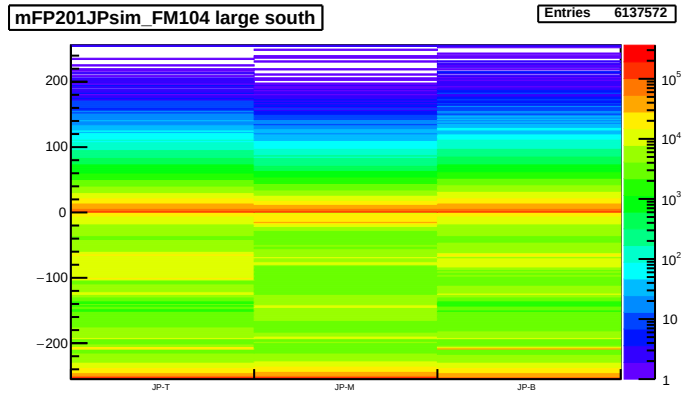

mFP201JP_FM102 small south
Entries 2.023569e+07
JP-T
JP-M
JP-B

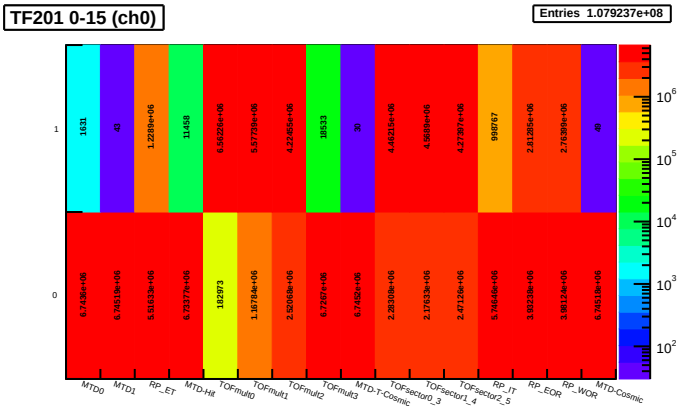

mFP201JPsim_FM102 small south
Entries 6293661
JP-T
JP-M
JP-B

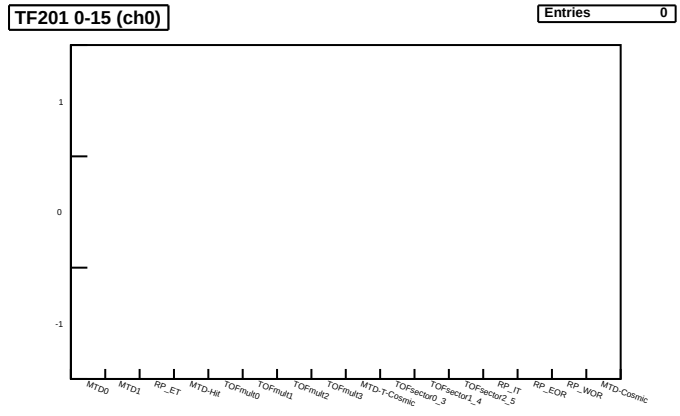

mFP201JP_FM103 large north
Entries 2.023569e+07
JP-T
JP-M
JP-B

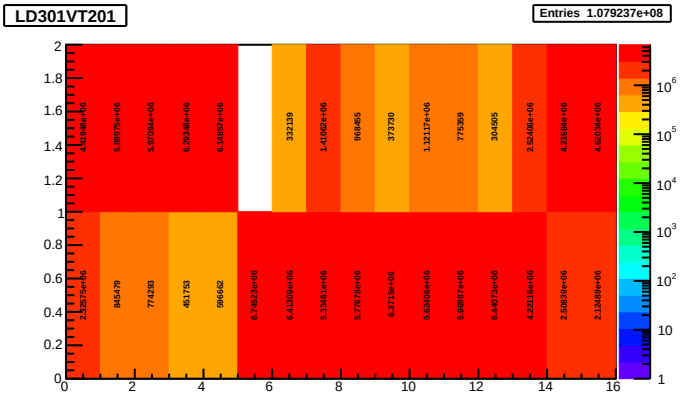

mFP201JPsim_FM103 large north
Entries 6235654
JP-T
JP-M
JP-B

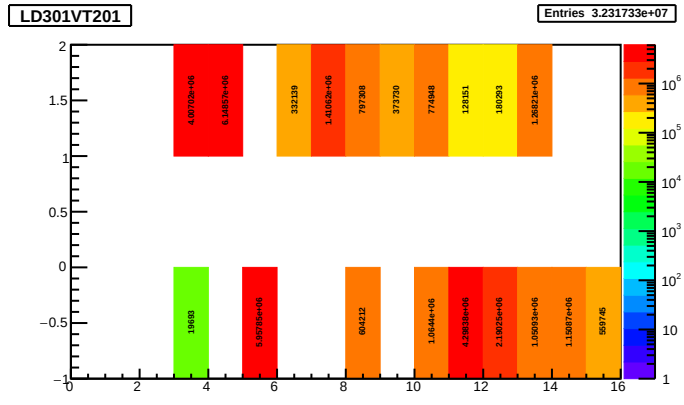

mFP201JP_FM104 large south
Entries 2.023569e+07
JP-T
JP-M
JP-B

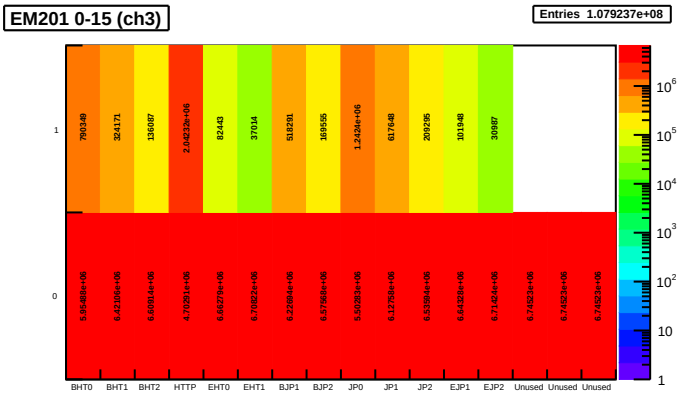

mFP201JPsim_FM104 large south
Entries 6137572
JP-T
JP-M
JP-B

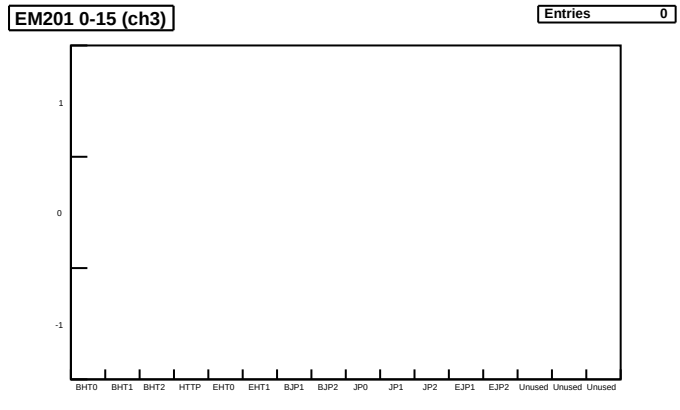

TF201 0-15 (ch0)
Entries 1.079237e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 1.079237e+08


LD301VT201
Entries 3.231733e+07


EM201 0-15 (ch3)
Entries 1.079237e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
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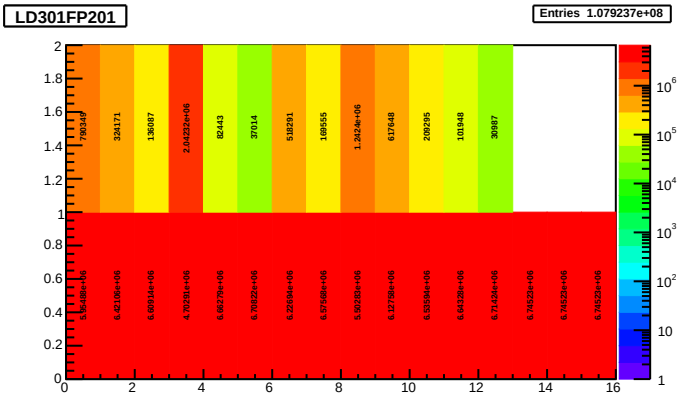
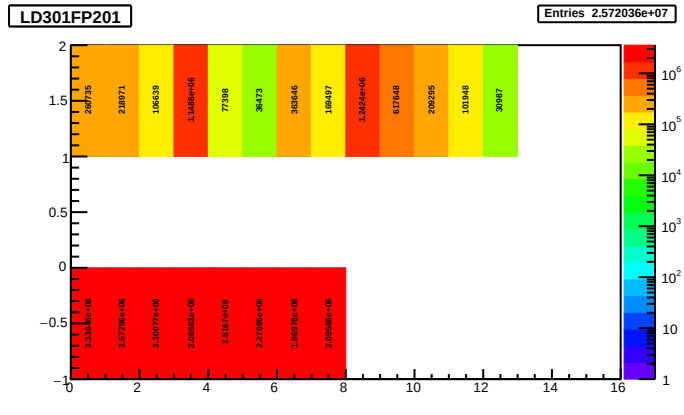

LD301FP201
Entries 1.079237e+08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