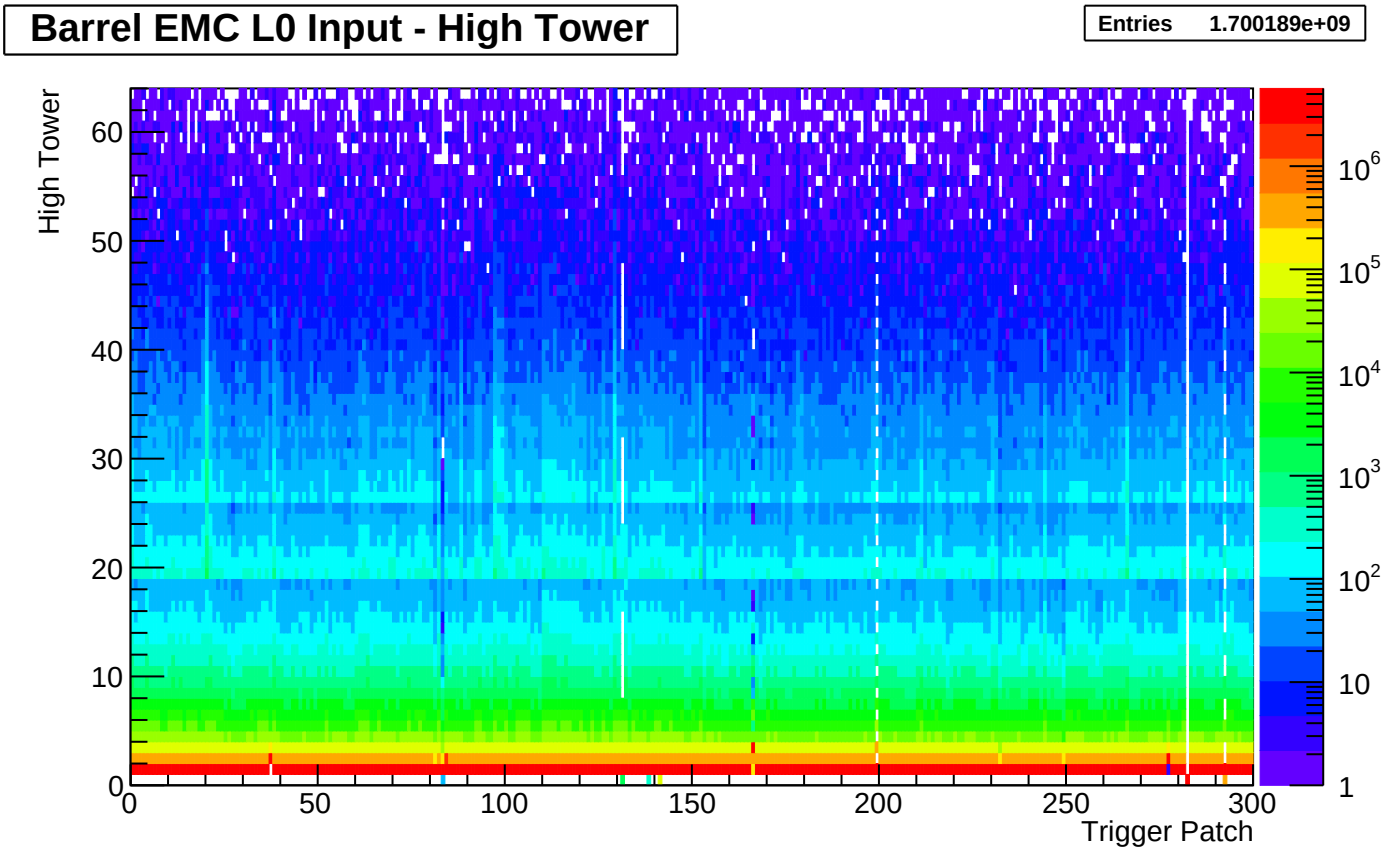
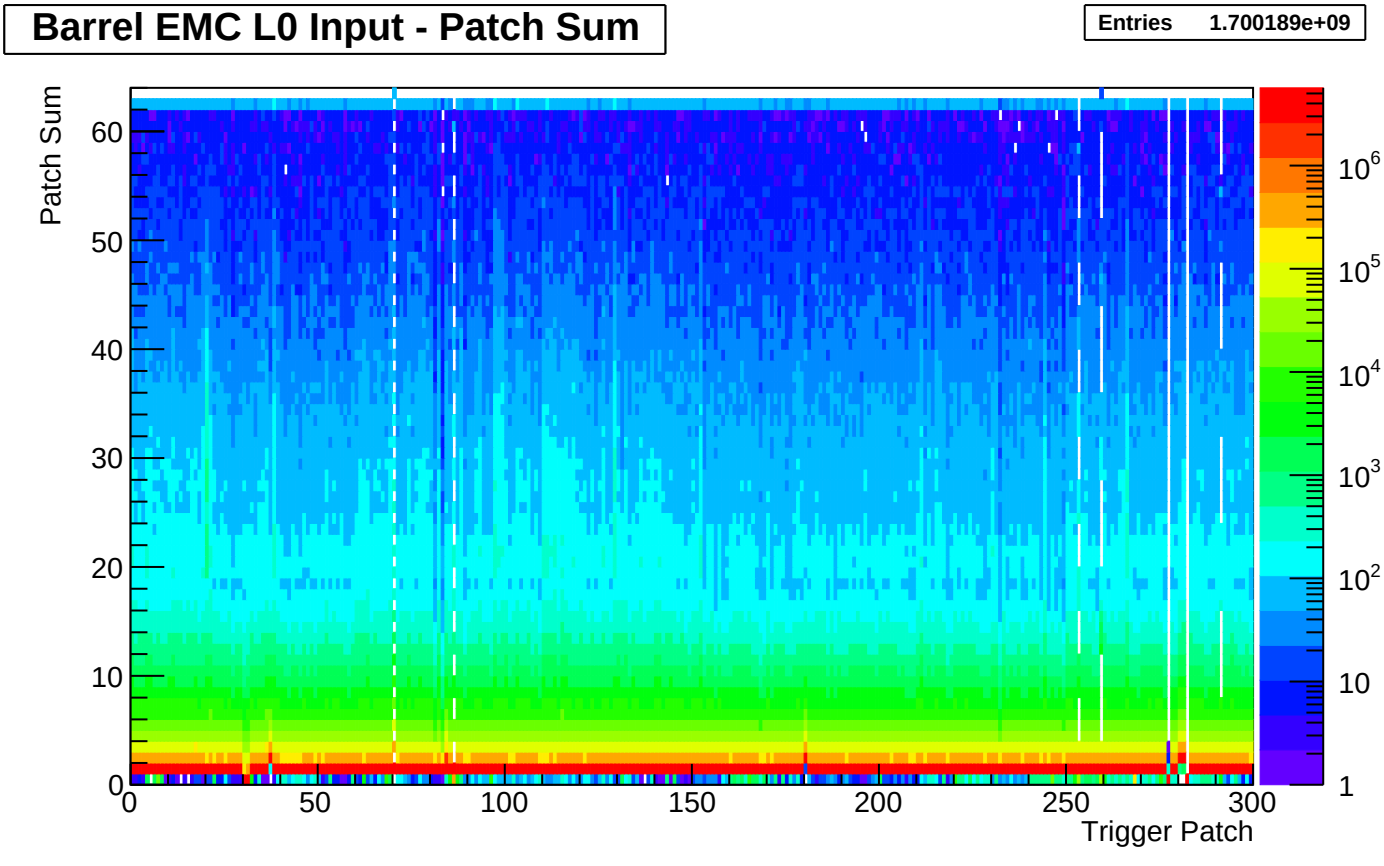
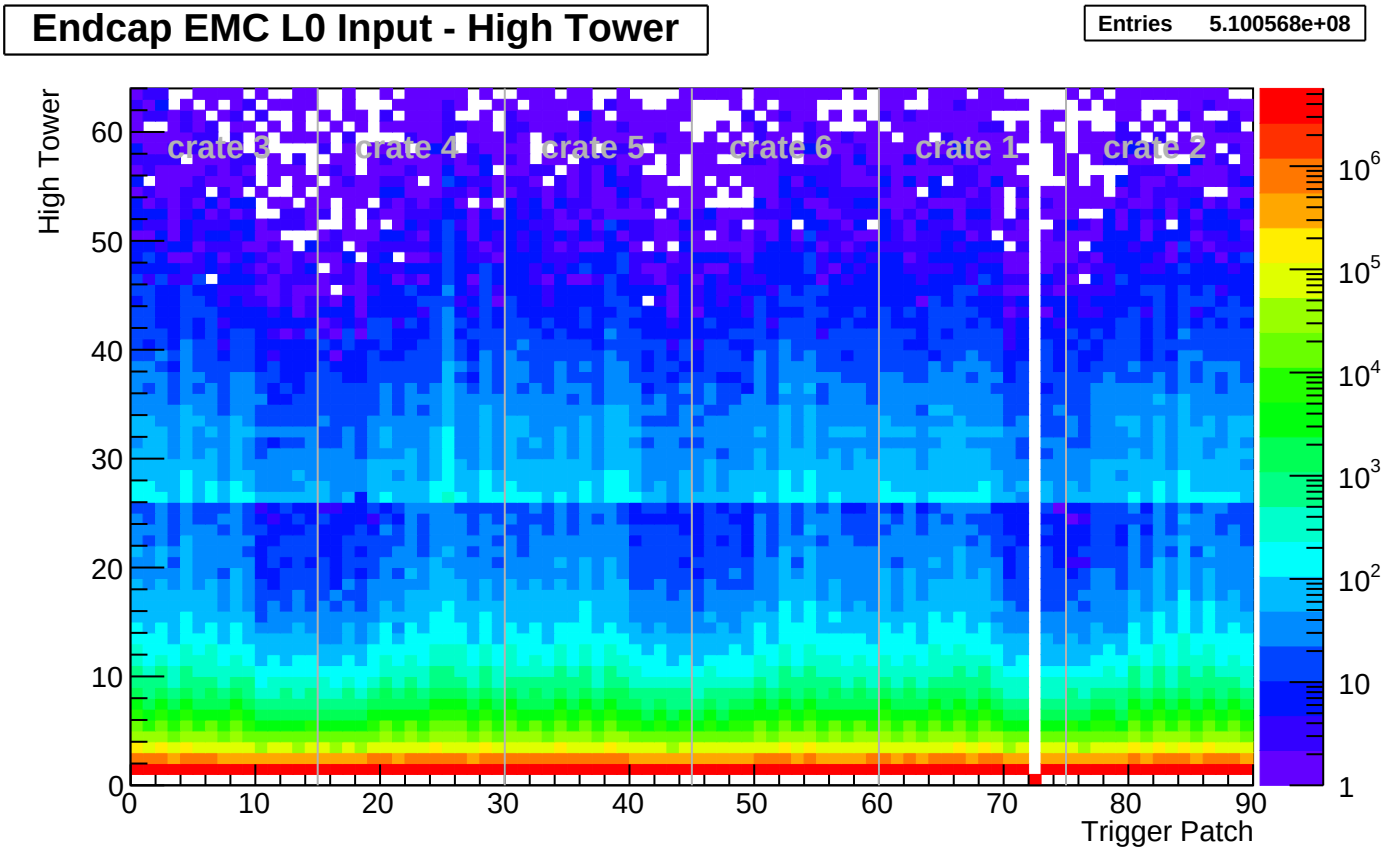
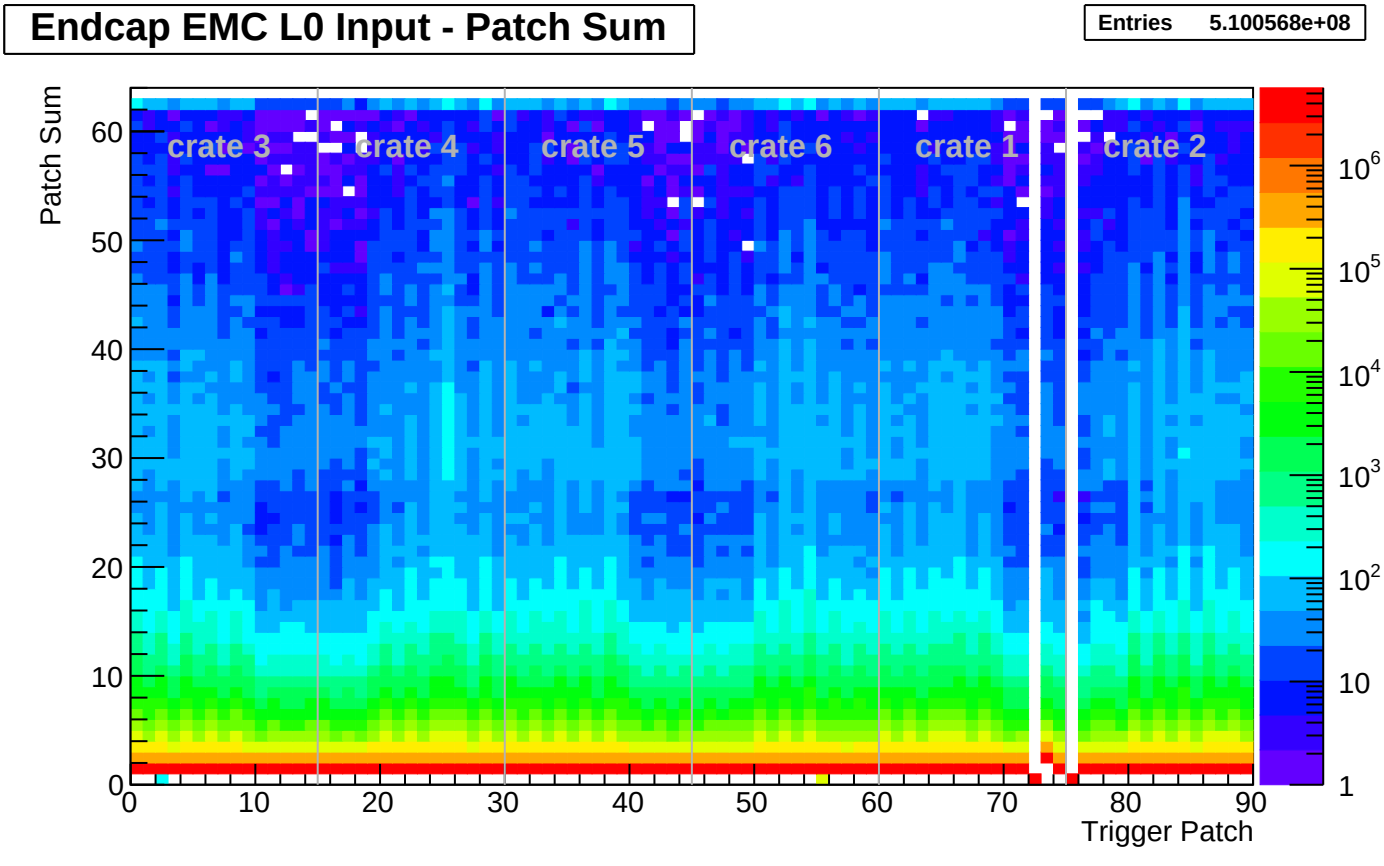
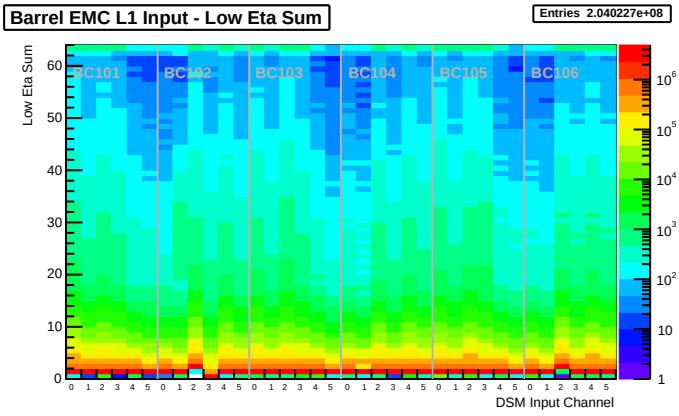
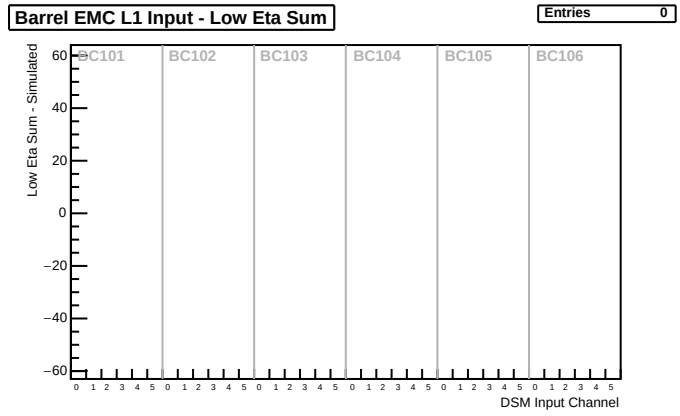

Barrel EMC L0 Input - High Tower
Entries 1.700189e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

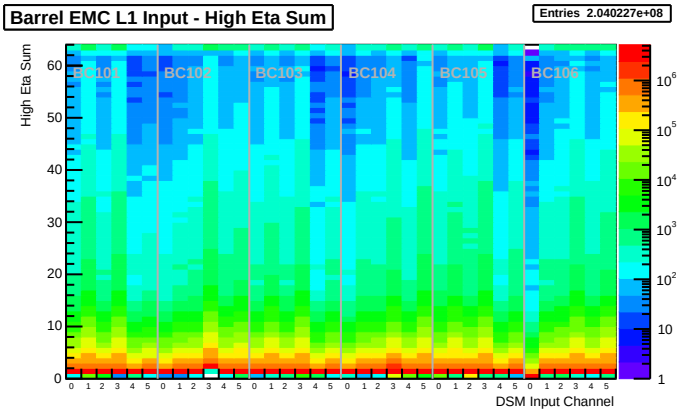

Barrel EMC L0 Input - Patch Sum
Entries 1.700189e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

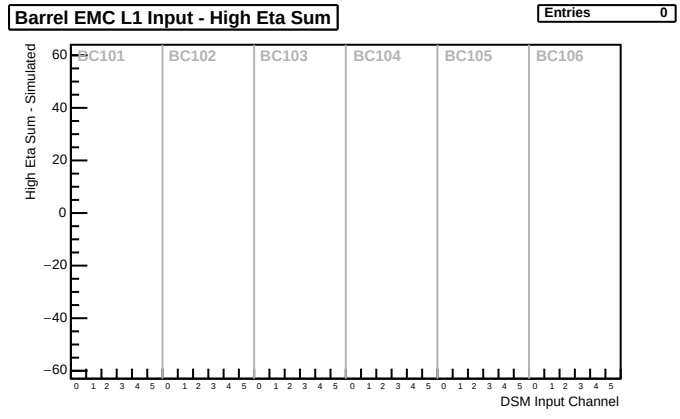

Endcap EMC L0 Input - High Tower
Entries 5.100568e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

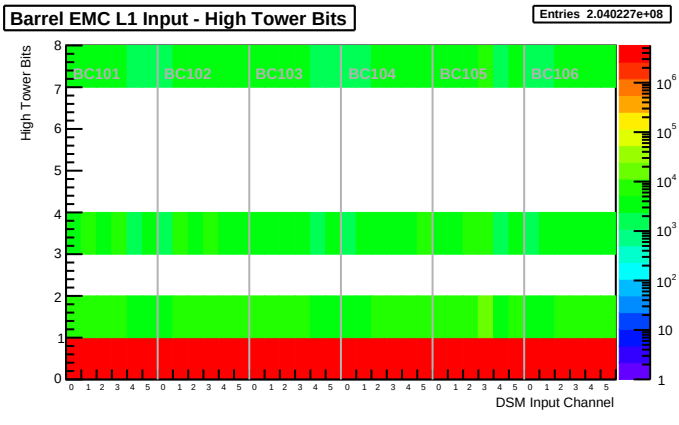

Endcap EMC L0 Input - Patch Sum
Entries 5.100568e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

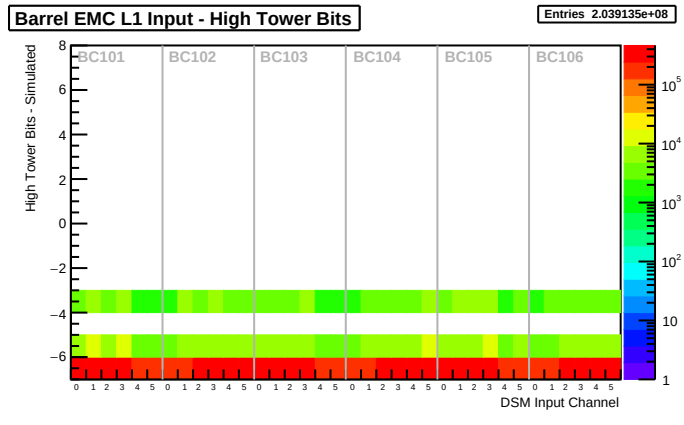

Barrel EMC L1 Input - Low Eta Sum
Entries 2.040227e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

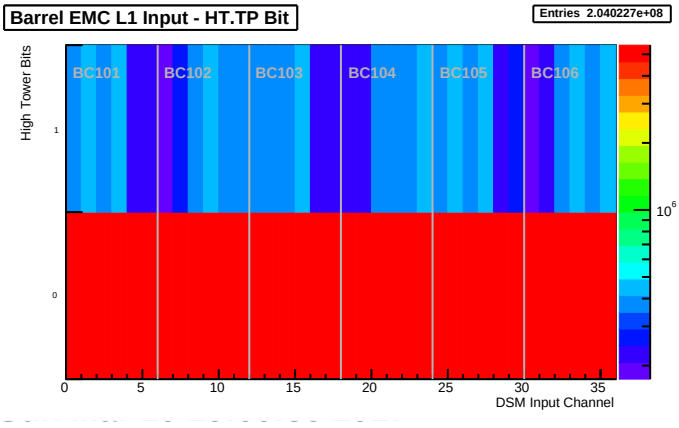

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

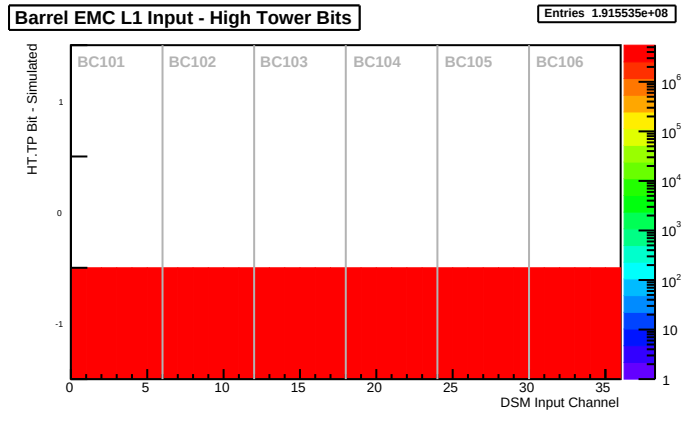

Barrel EMC L1 Input - High Eta Sum
Entries 2.040227e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

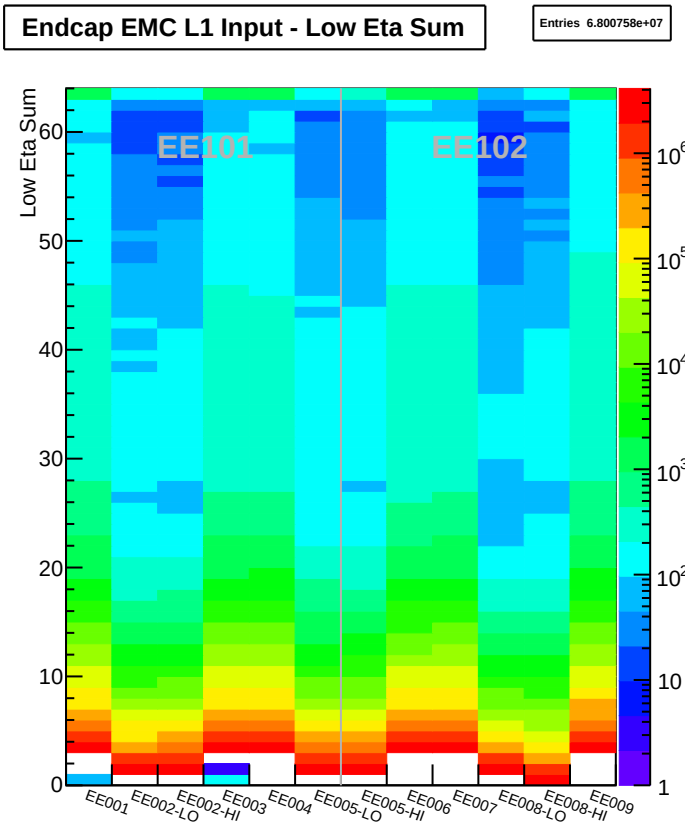

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

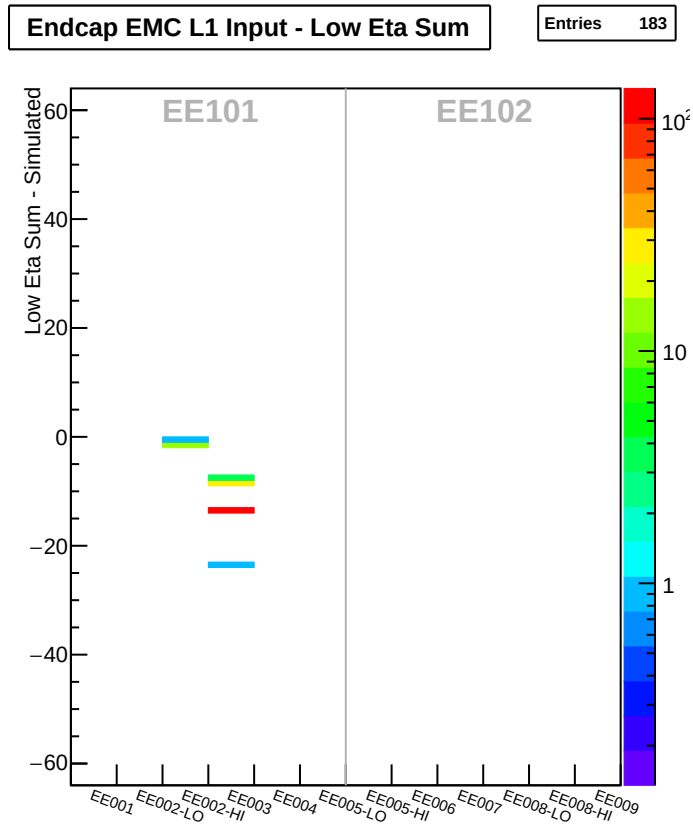

Barrel EMC L1 Input - High Tower Bits
Entries 2.040227e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

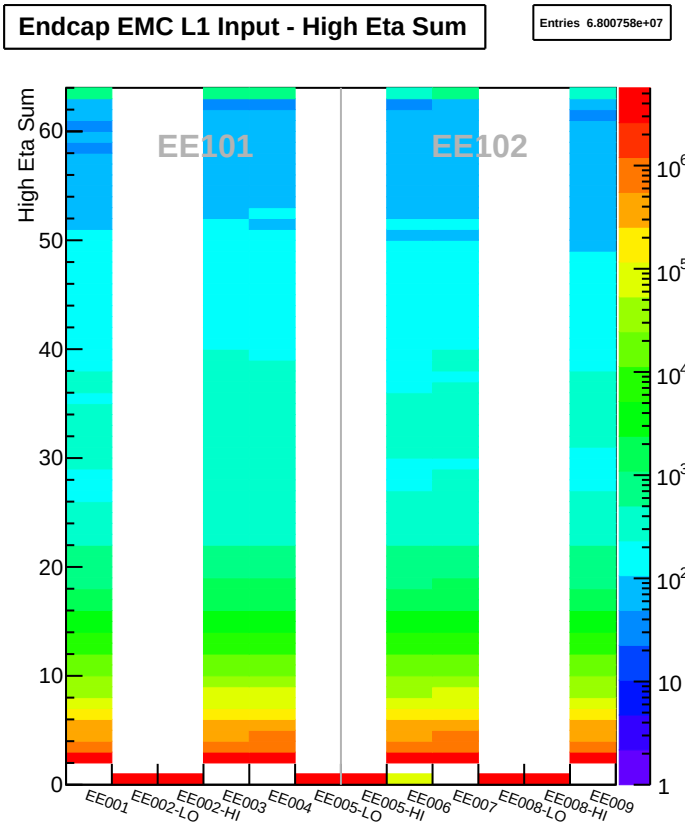

Barrel EMC L1 Input - High Tower Bits
Entries 2.039135e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

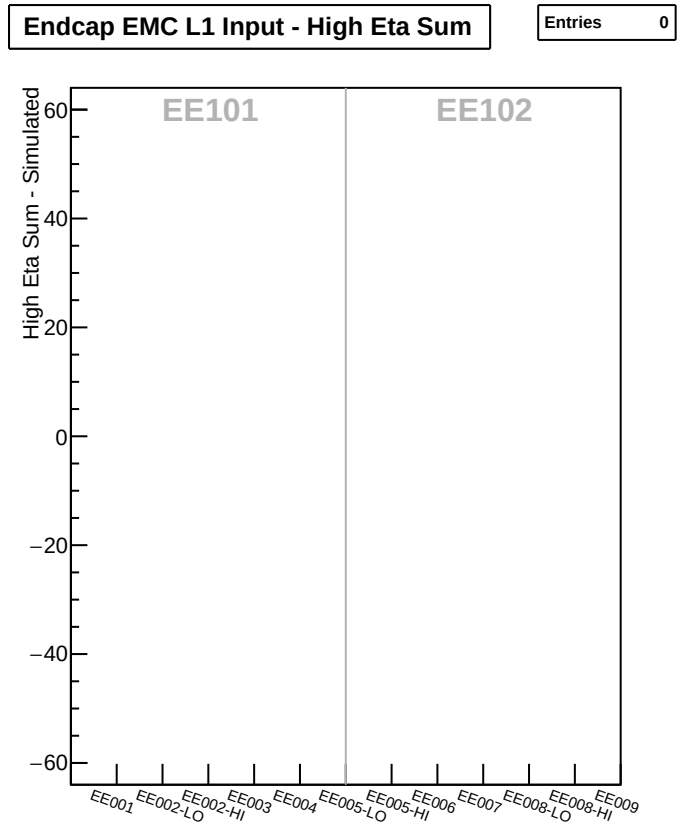

Barrel EMC L1 Input - HT.TP Bit
Entries 2.040227e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

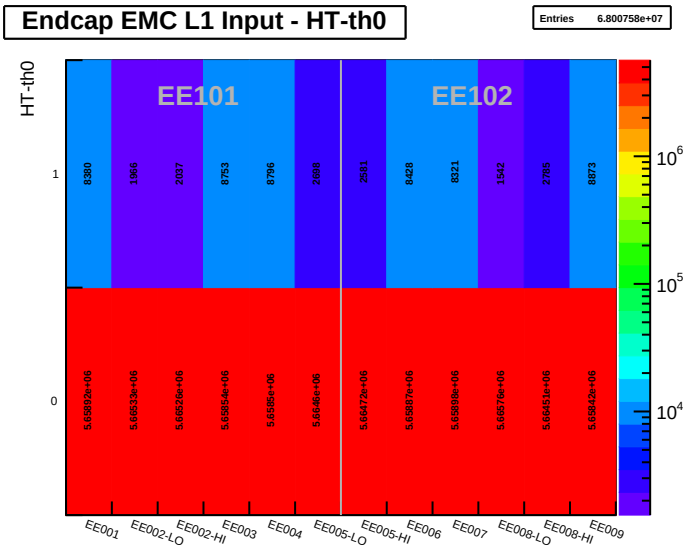

Barrel EMC L1 Input - High Tower Bits
Entries 1.915535e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

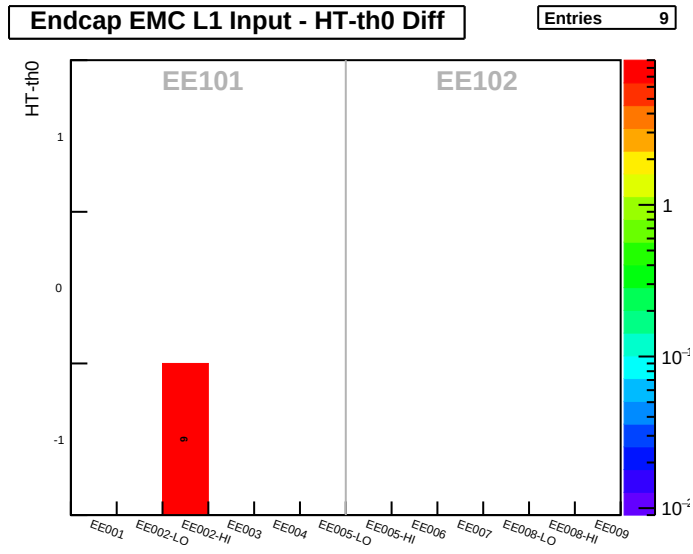

Endcap EMC L1 Input - Low Eta Sum
Entries 6.800758e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

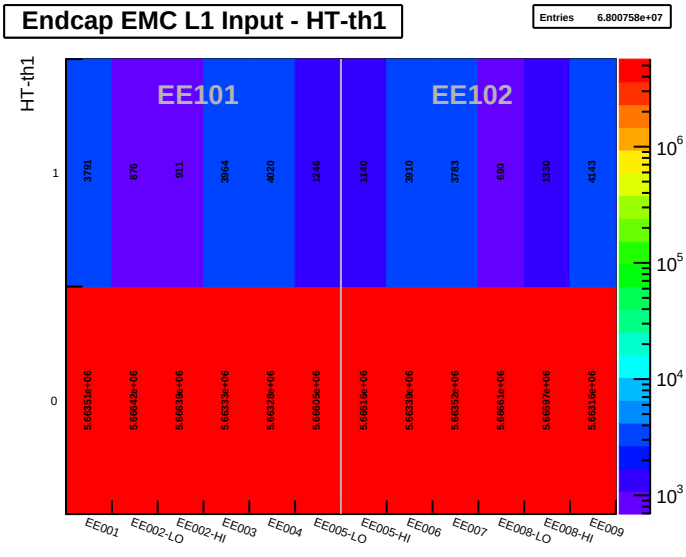

Endcap EMC L1 Input - Low Eta Sum
Entries 183
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

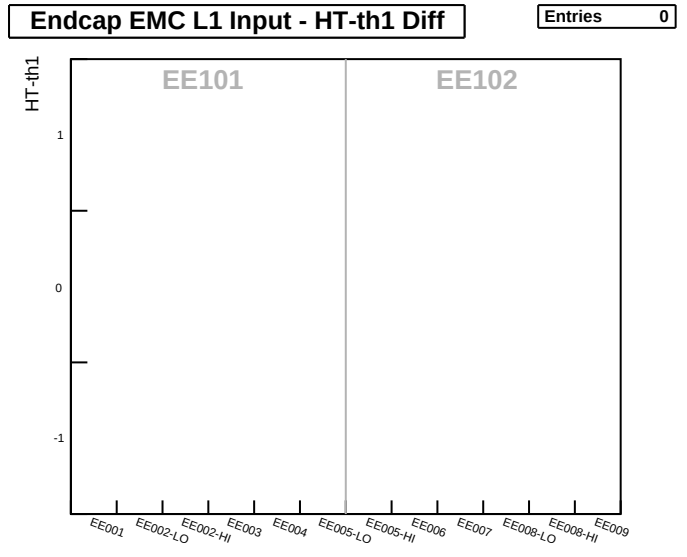

Endcap EMC L1 Input - High Eta Sum
Entries 6.800758e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

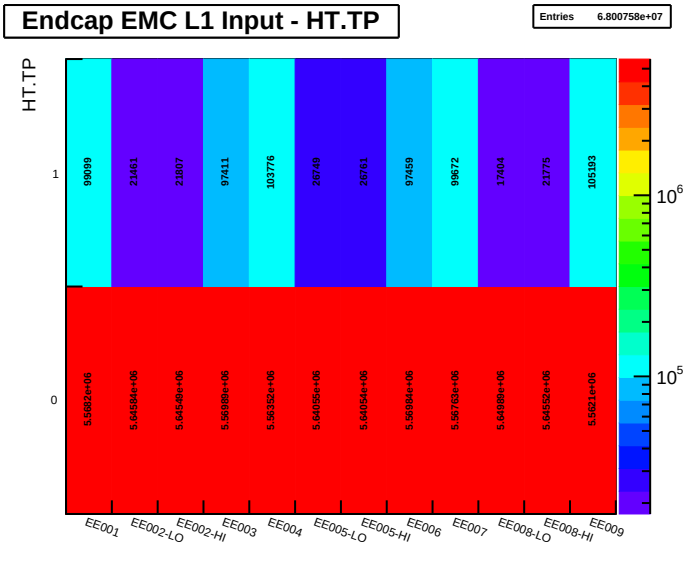

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

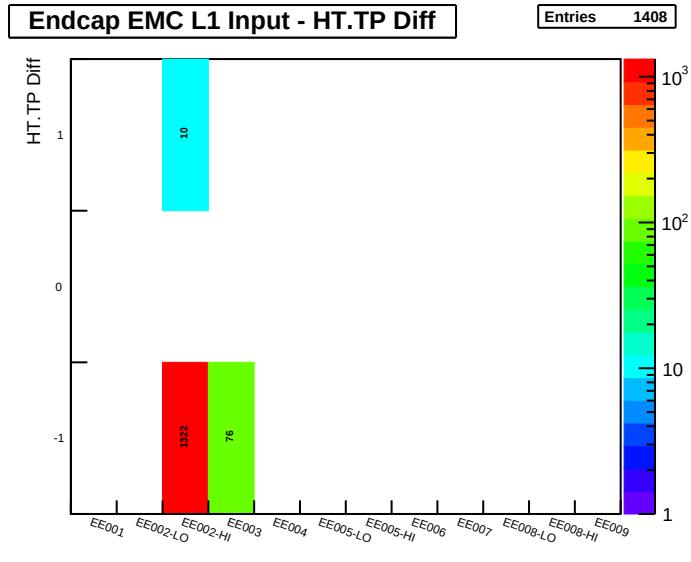

Endcap EMC L1 Input - HT-th0
Entries 6.800758e+07
HT-th0
EE101
EE102
8380 1966 2037 8753 8796 2698 2581 8428 8321 1542 2785 8873
5.68892e+06 5.66533e+06 5.66526e+06 5.68546e+06 5.6555e+06 5.6646e+06 5.64726e+06 5.68876e+06 5.65898e+06 5.66776e+06 5.64516e+06 5.65842e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

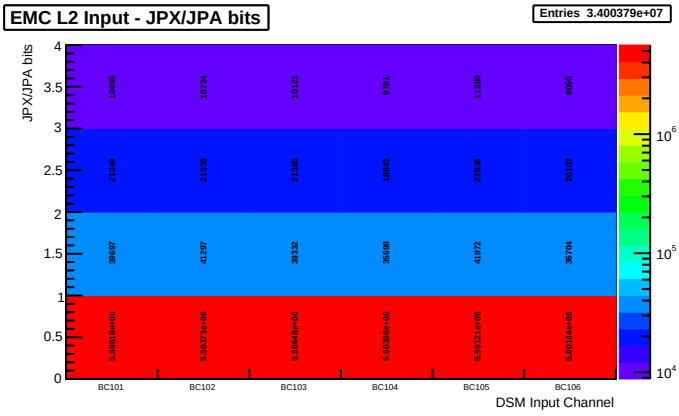

Endcap EMC L1 Input - HT-th0 Diff
Entries 9
HT-th0
EE101
EE102
9
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

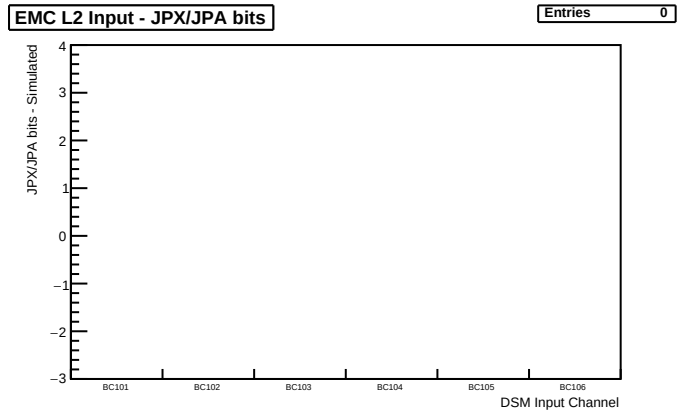

Endcap EMC L1 Input - HT-th1
Entries 6.800758e+07
HT-th1
EE101
EE102
3791 876 911 3964 4020 1246 1140 3910 3783 690 1330 4143
5.66351e+06 5.66642e+06 5.66630e+06 5.66339e+06 5.66328e+06 5.66605e+06 5.66616e+06 5.66339e+06 5.66352e+06 5.66661e+06 5.66597e+06 5.66316e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

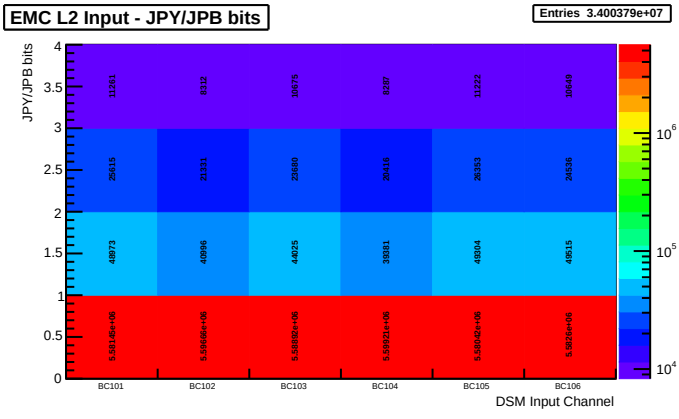

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

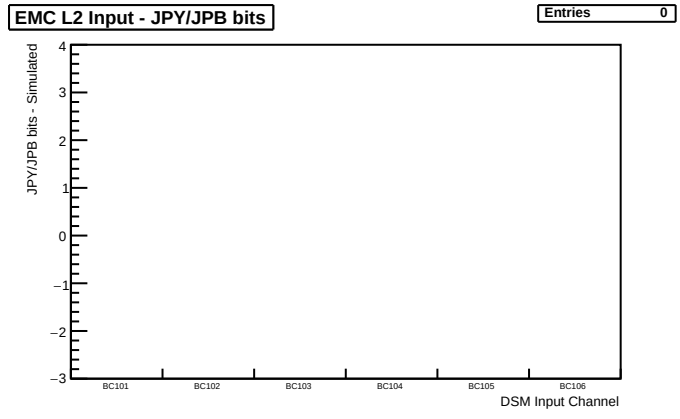

Endcap EMC L1 Input - HT.TP
Entries 6.800758e+07
HT.TP
99099 21451 21807 97411 103776 26749 26761 97459 99672 17404 21775 105193
5.5682e+06 5.64584e+06 5.64540e+06 5.56989e+06 5.56352e+06 5.64055e+06 5.64054e+06 5.56984e+06 5.56763e+06 5.64080e+06 5.64552e+06 5.5621e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

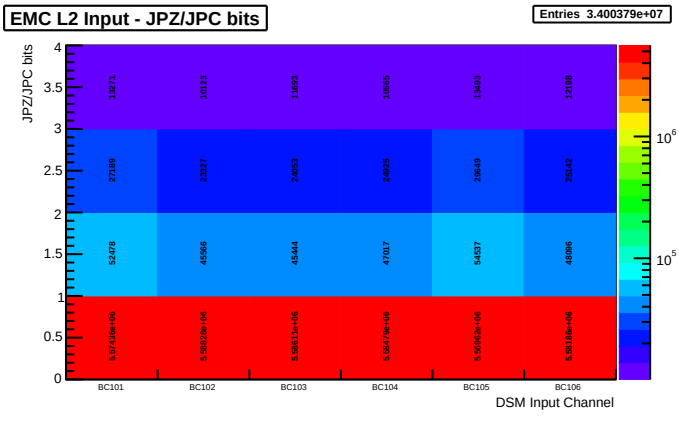

Endcap EMC L1 Input - HT.TP Diff
Entries 1408
HT.TP Diff
10
1322
76
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

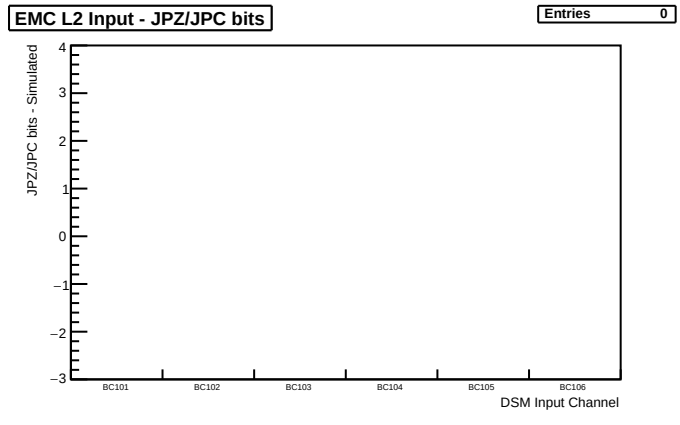

EMC L2 Input - JPX/JPA bits
Entries 3.400379e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10069
10734
10121
8761
11230
9950
21349
21538
21365
18843
22836
20103
39697
41297
39332
35698
41972
36704
5.59818e+06
5.59373e+06
5.59648e+06
5.60358e+06
5.59121e+06
5.60164e+06

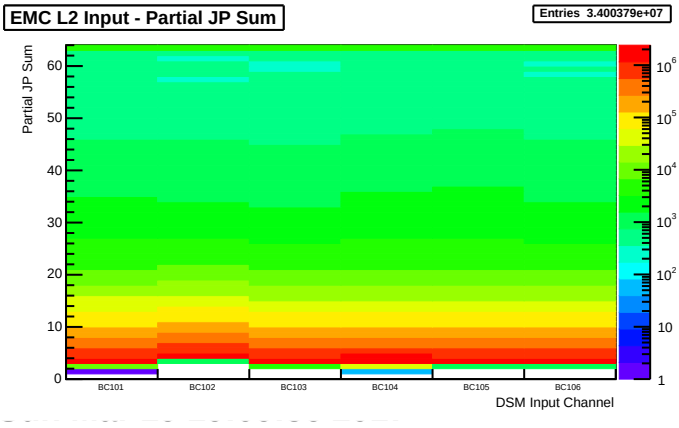

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

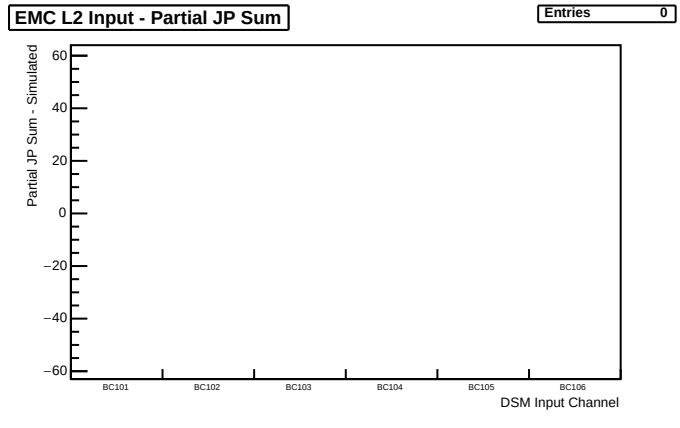

EMC L2 Input - JPY/JPB bits
Entries 3.400379e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11261
8312
10675
8287
11222
10549
25615
21331
23880
20416
26353
24536
48973
40996
44025
39381
49104
49515
5.58145e+06
5.59669e+06
5.58982e+06
5.59321e+06
5.59042e+06
5.5926e+06

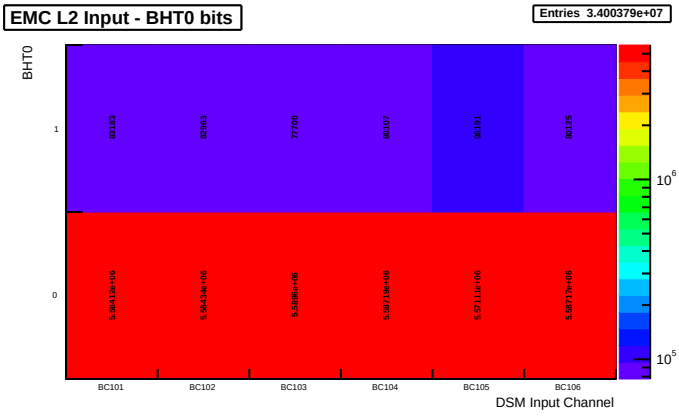

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

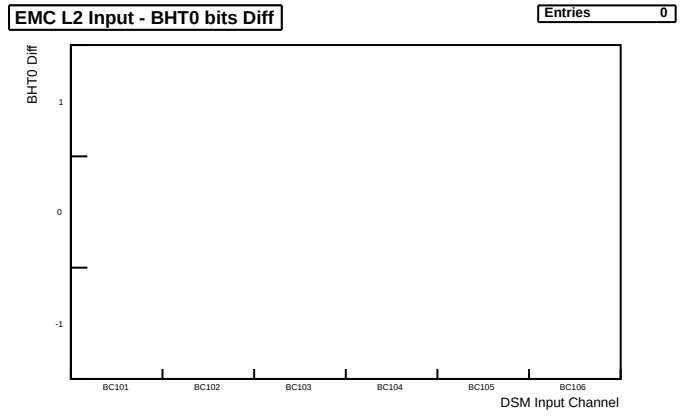

EMC L2 Input - JPZ/JPC bits
Entries 3.400379e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13271
10123
10693
10565
13493
12188
27189
23327
26853
24625
29549
25142
52478
45566
45444
47017
54537
48096
5.57436e+06
5.59328e+06
5.58651e+06
5.59479e+06
5.56952e+06
5.58186e+06

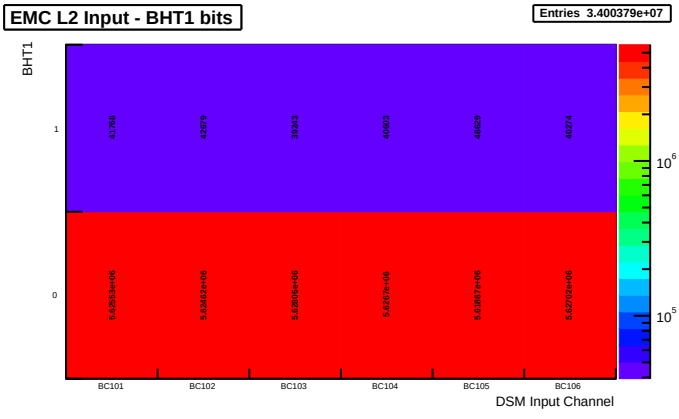

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

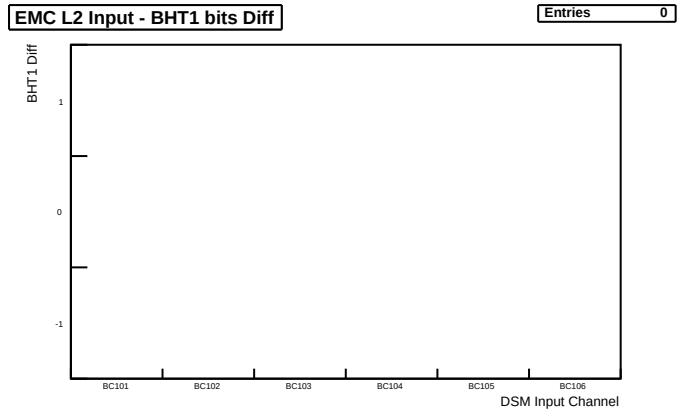

EMC L2 Input - Partial JP Sum
Entries 3.400379e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

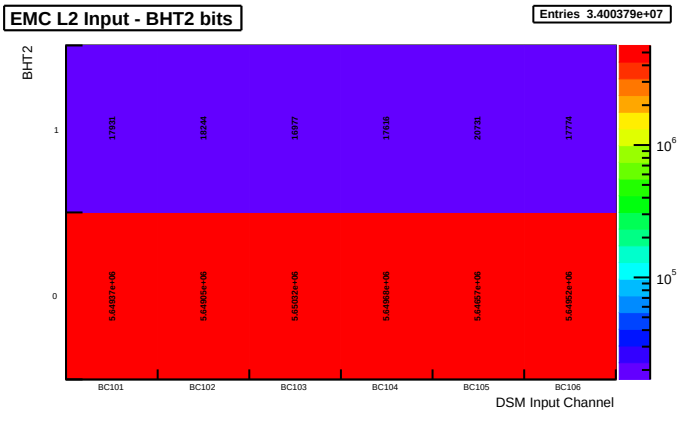

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

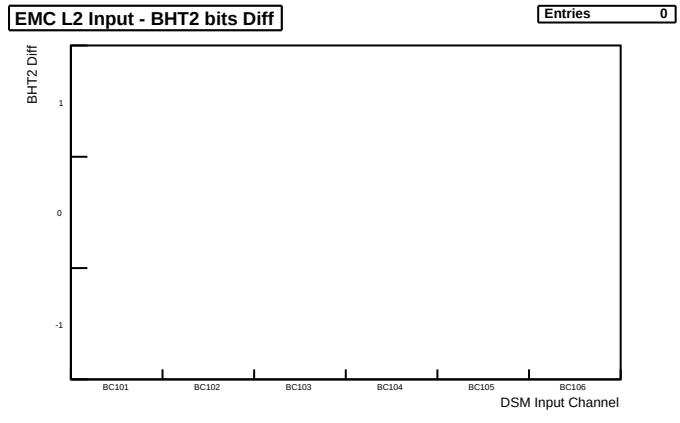

EMC L2 Input - BHT0 bits
Entries 3.400379e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

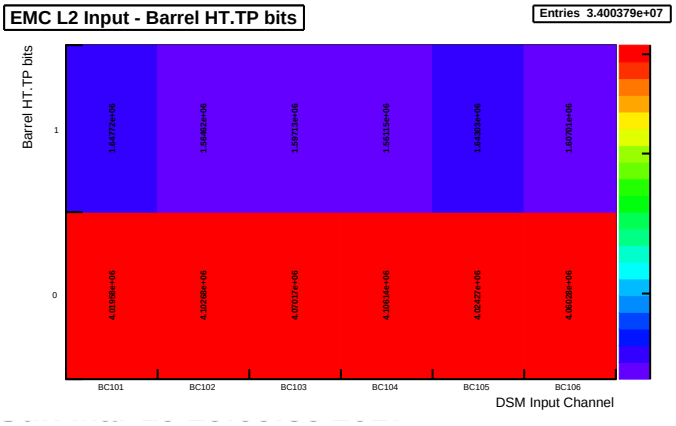

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

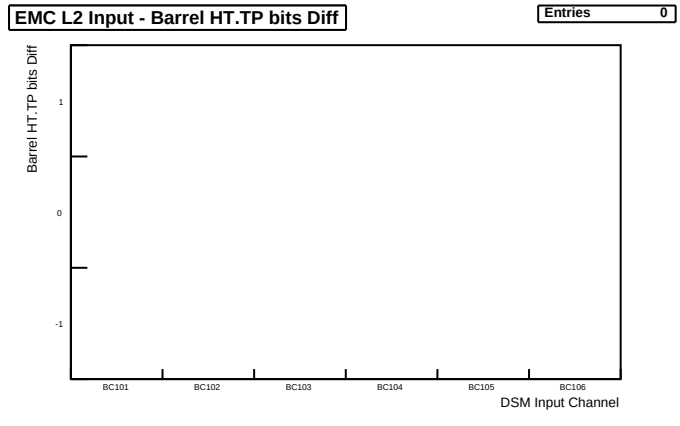

EMC L2 Input - BHT1 bits
Entries 3.400379e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

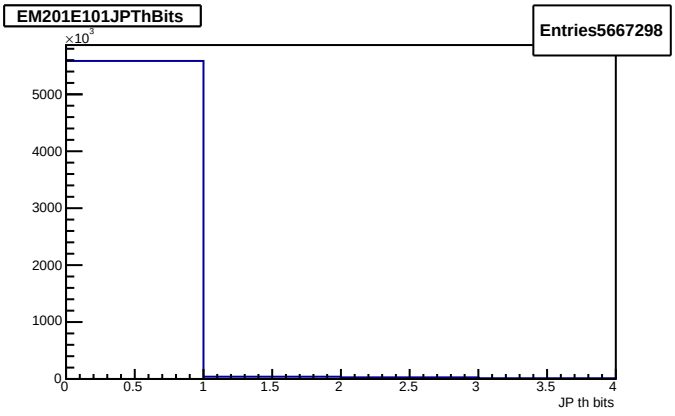

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

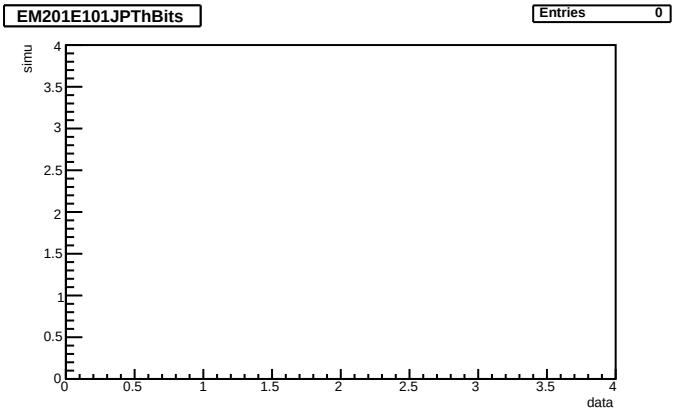

EMC L2 Input - BHT2 bits
Entries 3.400379e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

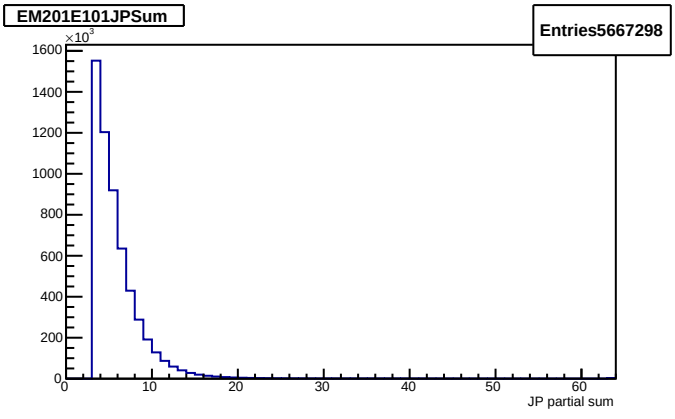

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

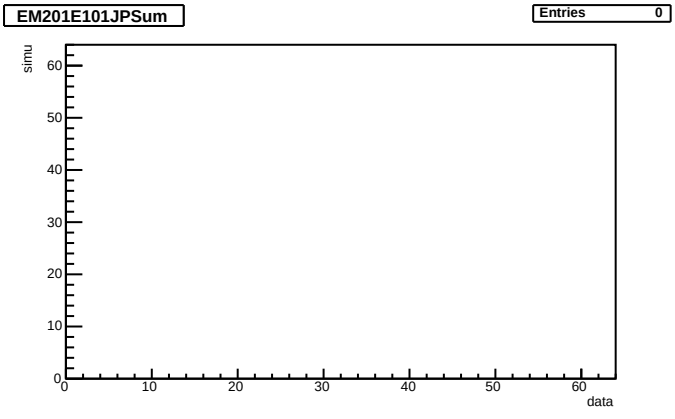

EMC L2 Input - Barrel HT.TP bits
Entries 3.400379e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

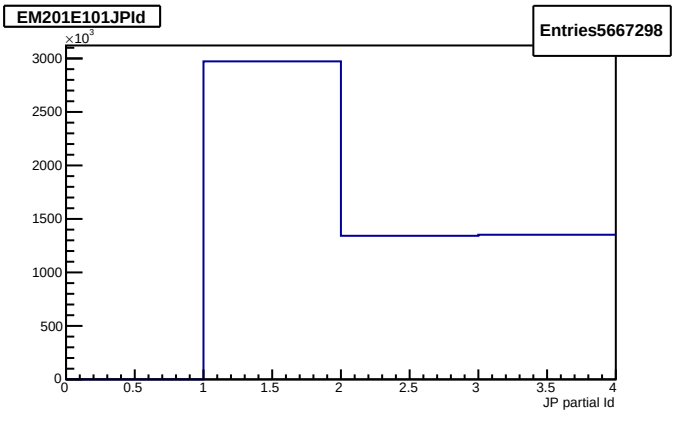

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


EM201E101JPThBits
Entries5667298
×10^3
JP th bits


EM201E101JPThBits
Entries 0
simu
data


EM201E101JPSum
Entries5667298
×10^3
JP partial sum


EM201E101JPSum
Entries 0
simu
data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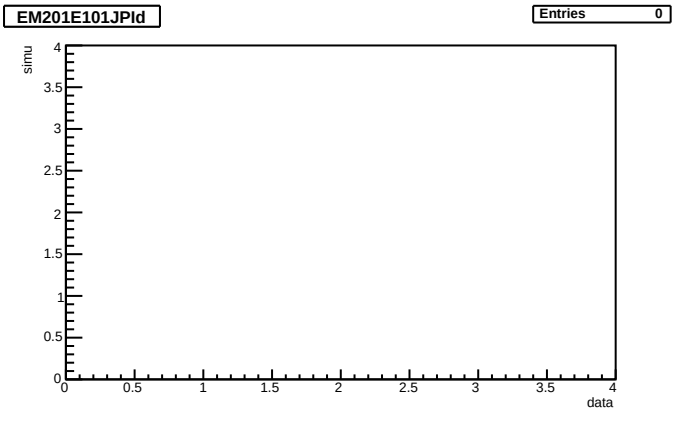
Entries5667298
×10^3
JP partial Id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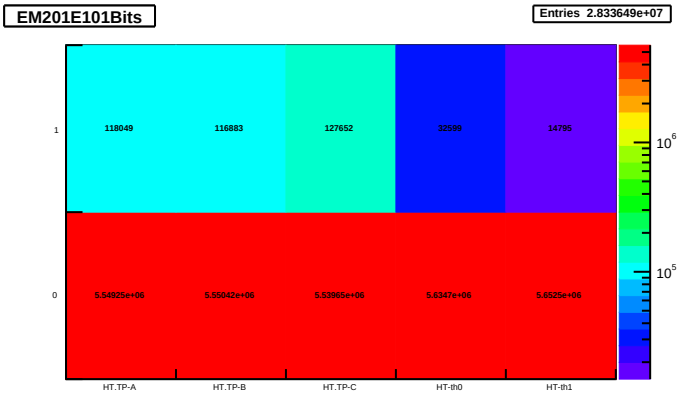
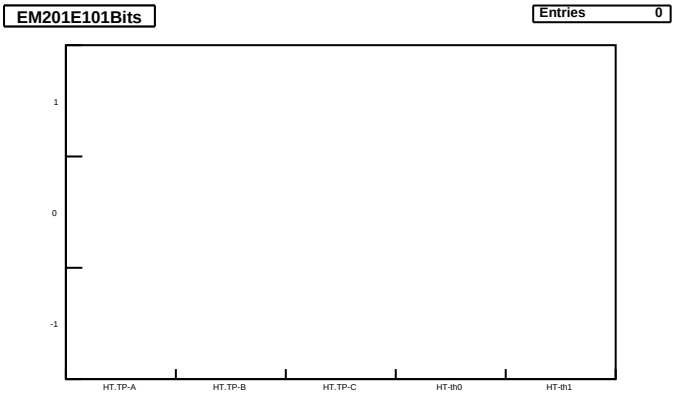
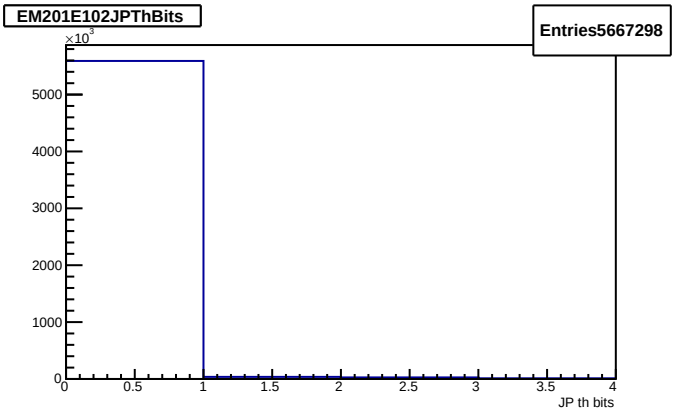
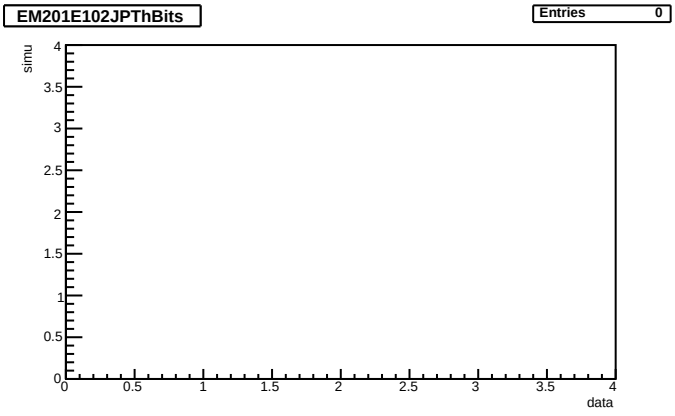
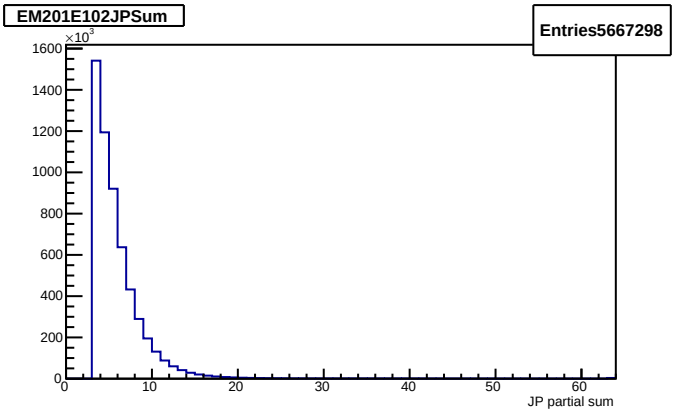
Entries 0
simu
data


EM201E101Bits
Entries 2.833649e+07
118049
116883
127652
32599
14795
5.54925e+06
5.55042e+06
5.53965e+06
5.6347e+06
5.6525e+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
Entries5667298
×10^3
JP th bits


EM201E102JPThBits
Entries 0
simu
data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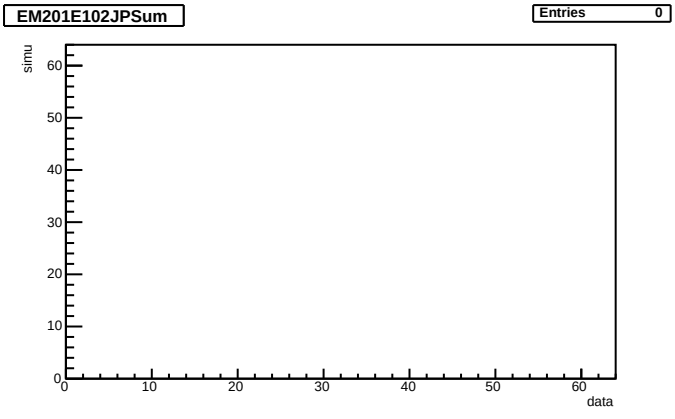
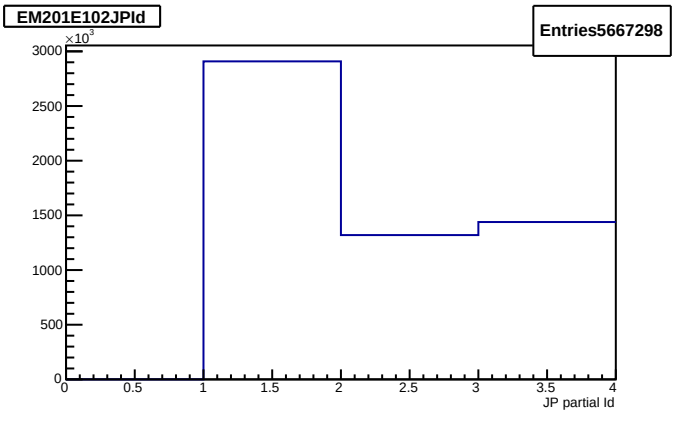
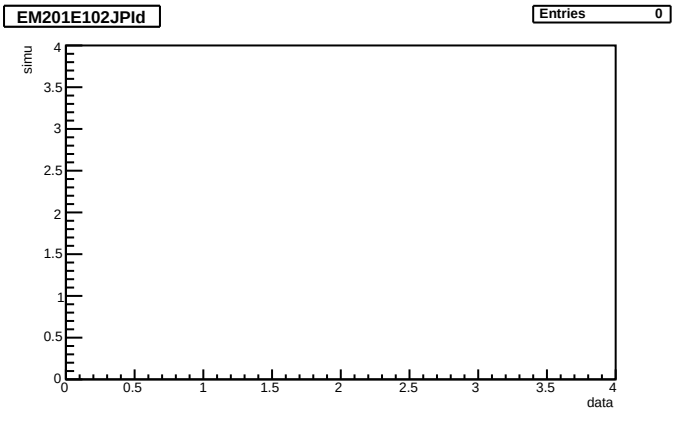
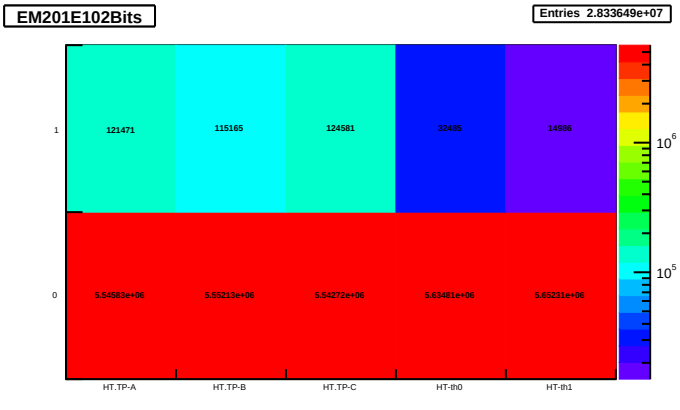
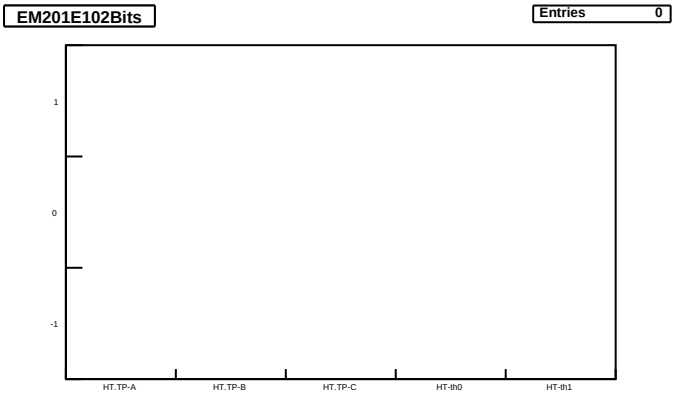
Entries5667298
×10^3
JP partial sum

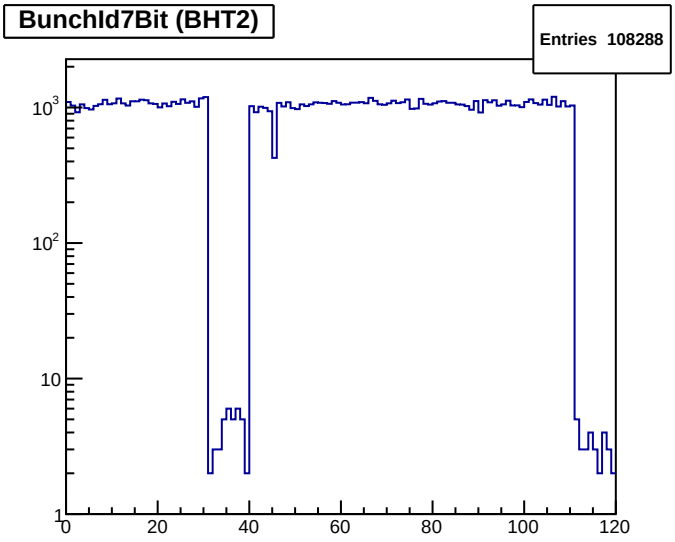

EM201E102JPSum
Entries 0
simu
data

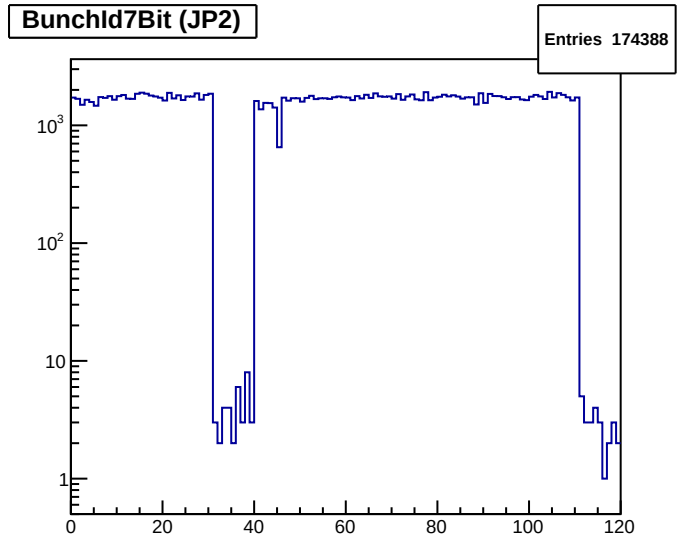

EM201E102JPId
Entries5667298
×10^3
JP partial Id

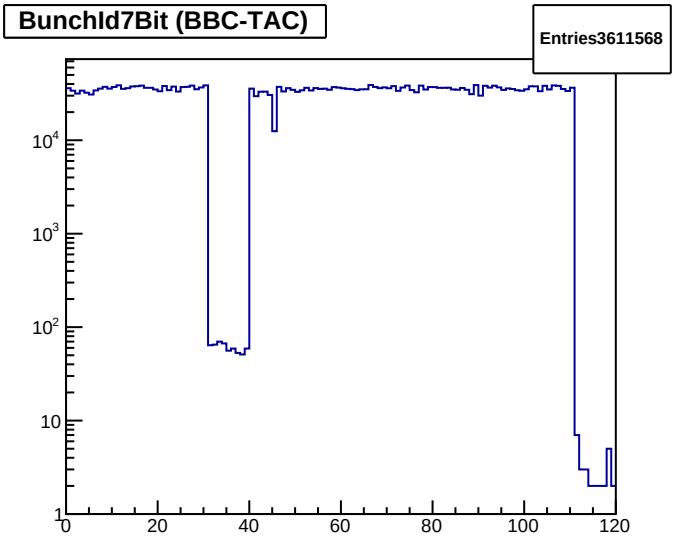

EM201E102JPId
Entries 0
simu
data

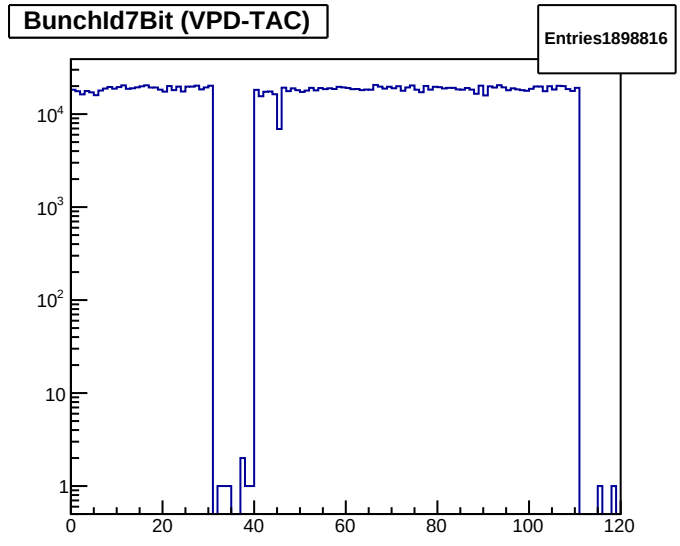

EM201E102Bits
Entries 2.833649e+07
121471
115165
124581
32485
14986
5.54583e+06
5.55213e+06
5.54272e+06
5.63481e+06
5.65231e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

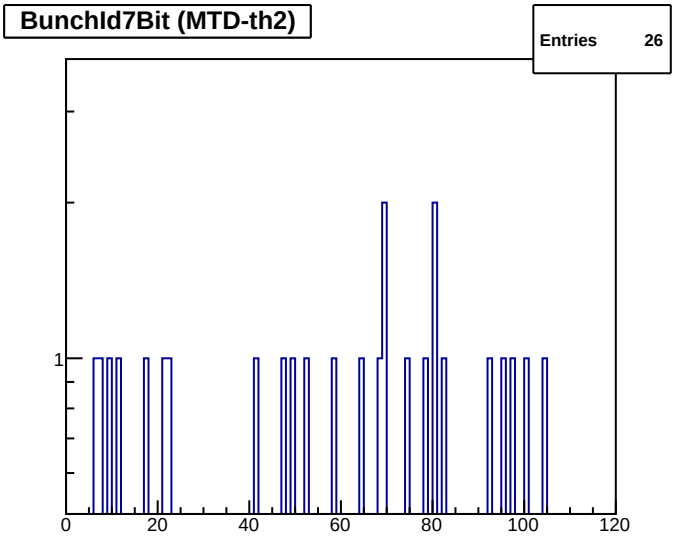

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

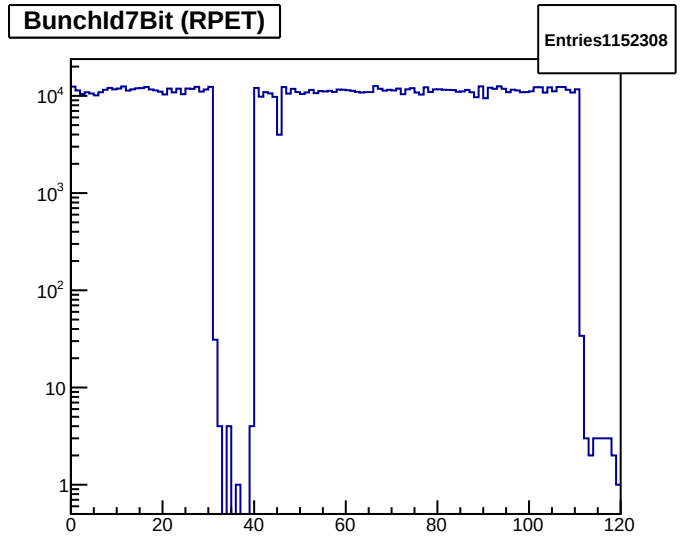

BunchId7Bit (BHT2)
Entries 108288

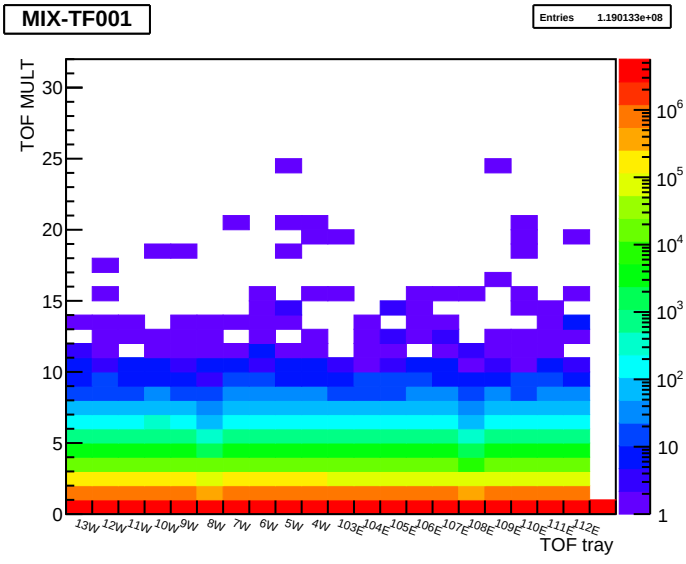

BunchId7Bit (JP2)
Entries 174388

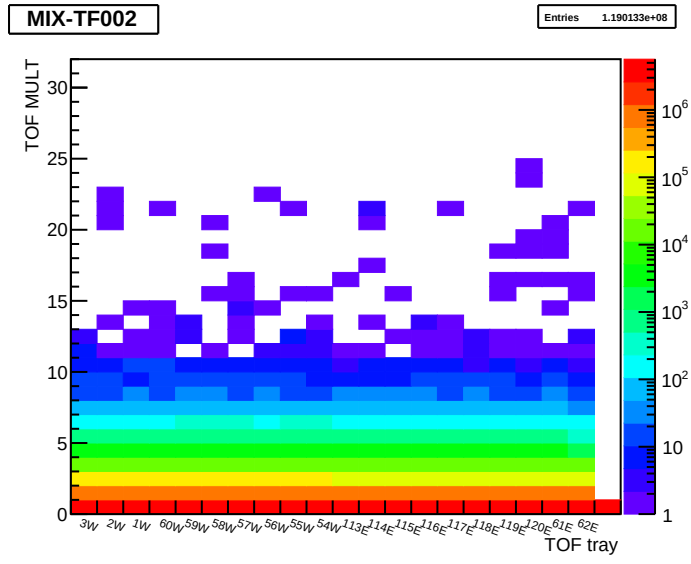

BunchId7Bit (BBC-TAC)
Entries3611568

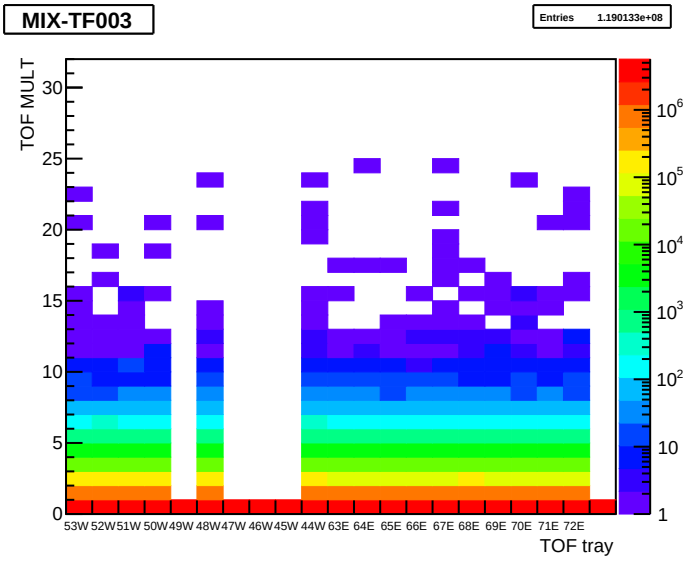

BunchId7Bit (VPD-TAC)
Entries1898816

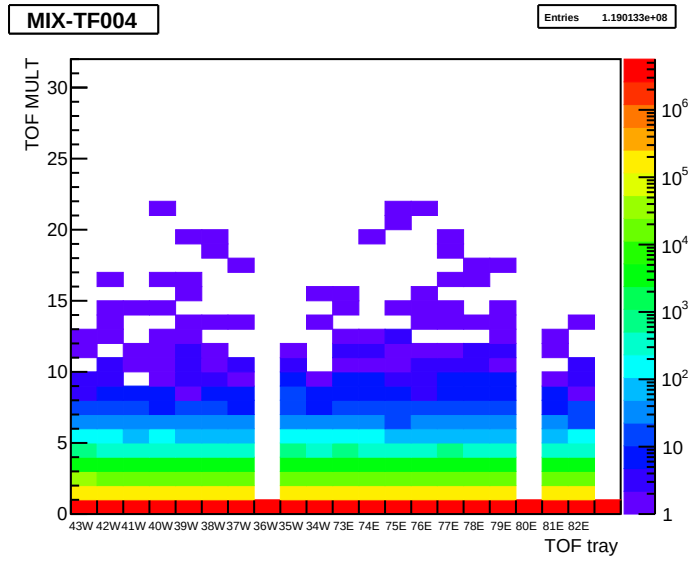

BunchId7Bit (MTD-th2)
Entries 26

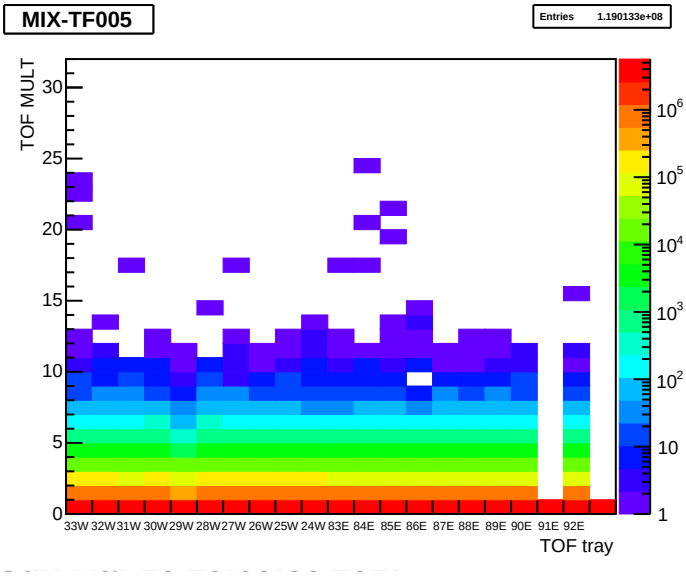

BunchId7Bit (RPET)
Entries1152308

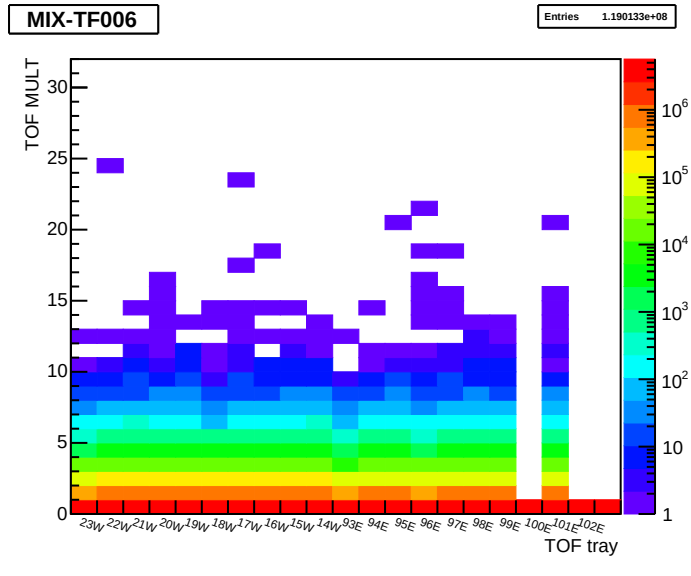

MIX-TF001
Entries 1.190133e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

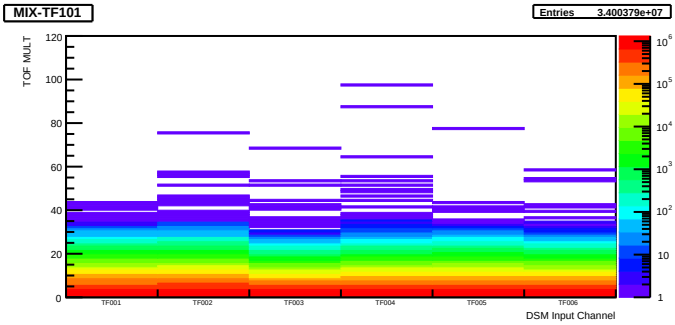

MIX-TF002
Entries 1.190133e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

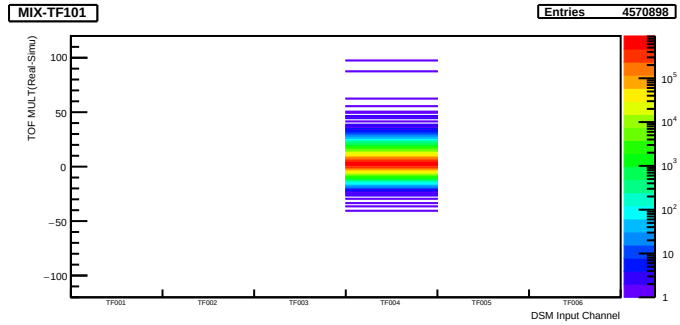

MIX-TF003
Entries 1.190133e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

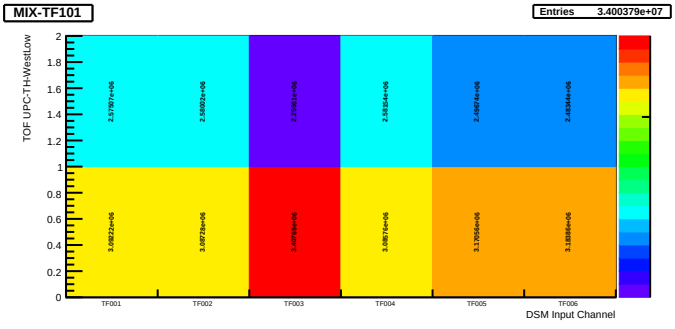

MIX-TF004
Entries 1.190133e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

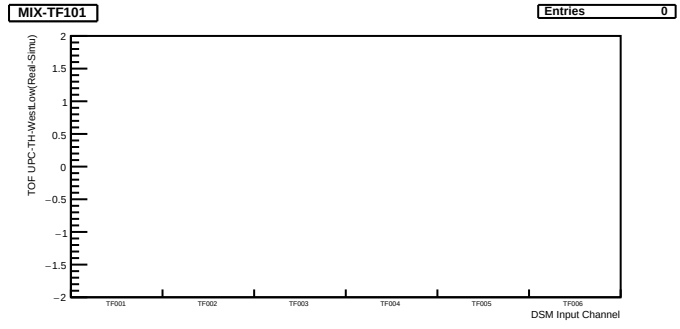

MIX-TF005
Entries 1.190133e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

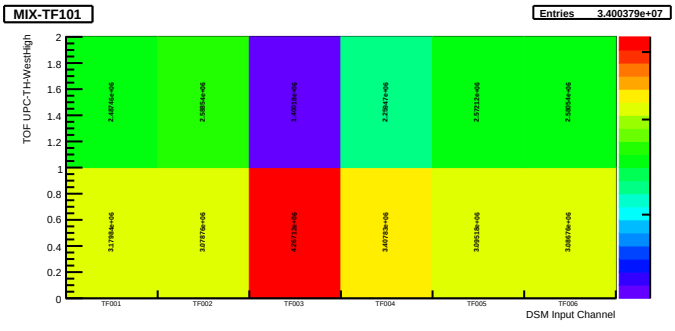

MIX-TF006
Entries 1.190133e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

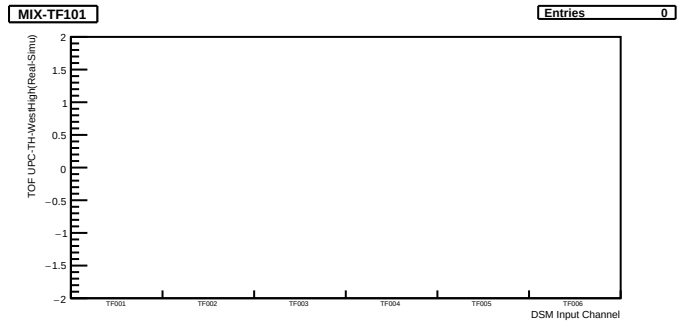

MIX-TF101
Entries 3.400379e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

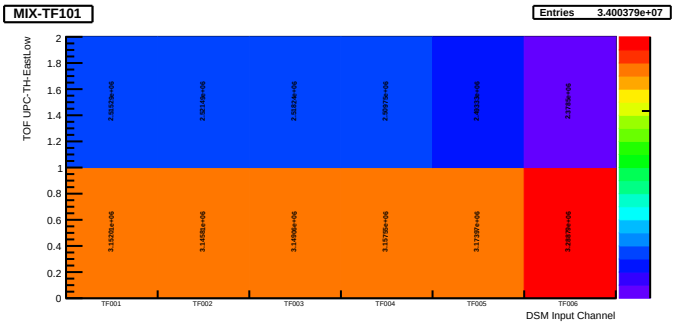

MIX-TF101
Entries 4570898
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

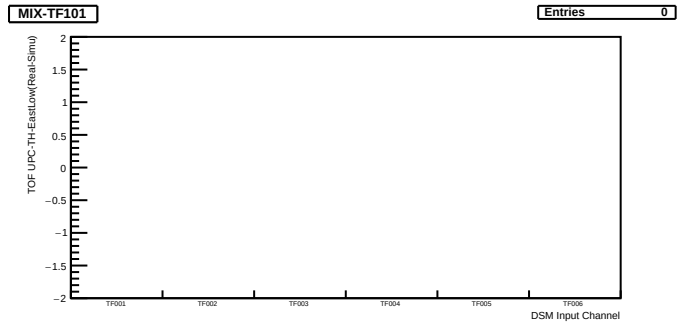

MIX-TF101
Entries 3.400379e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

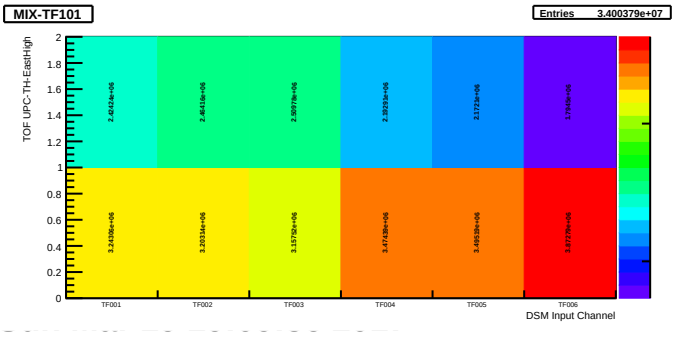

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

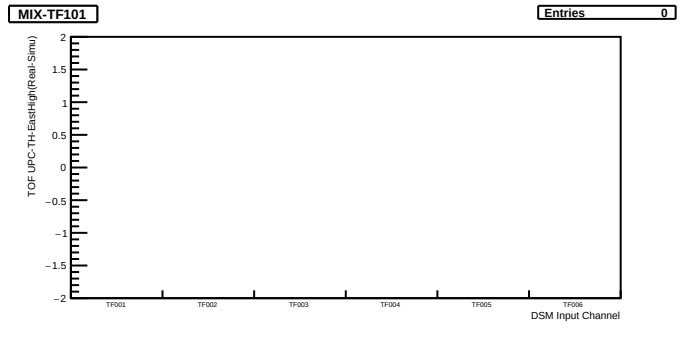

MIX-TF101
Entries 3.400379e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

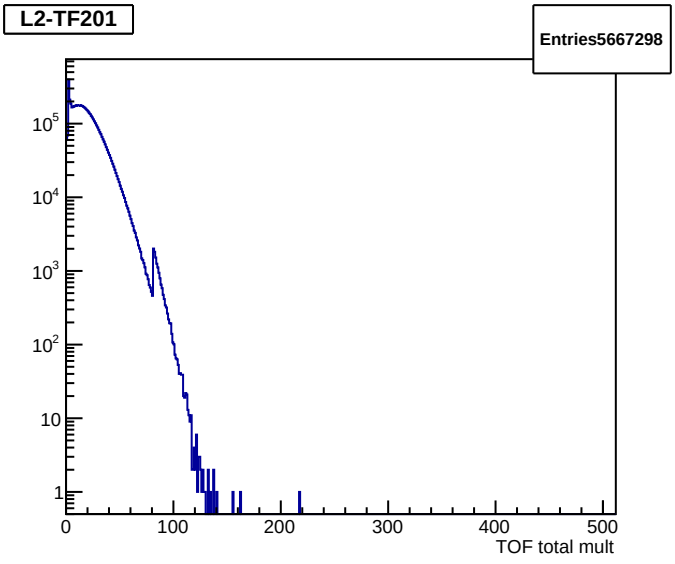

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

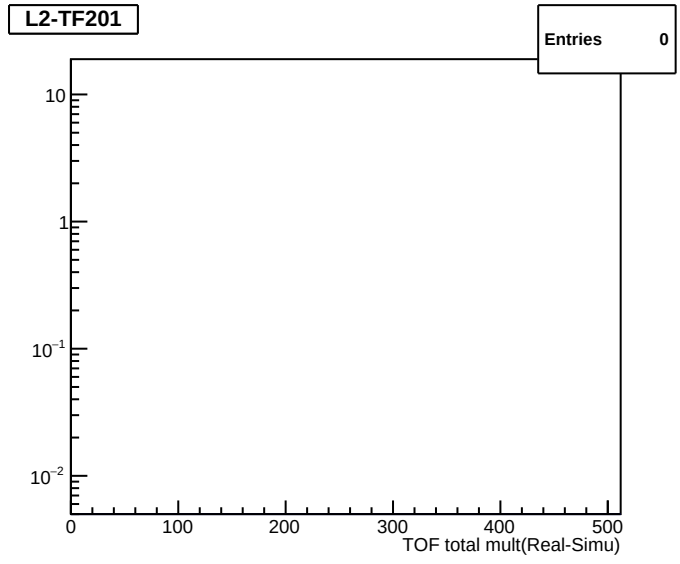

MIX-TF101
Entries 3.400379e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

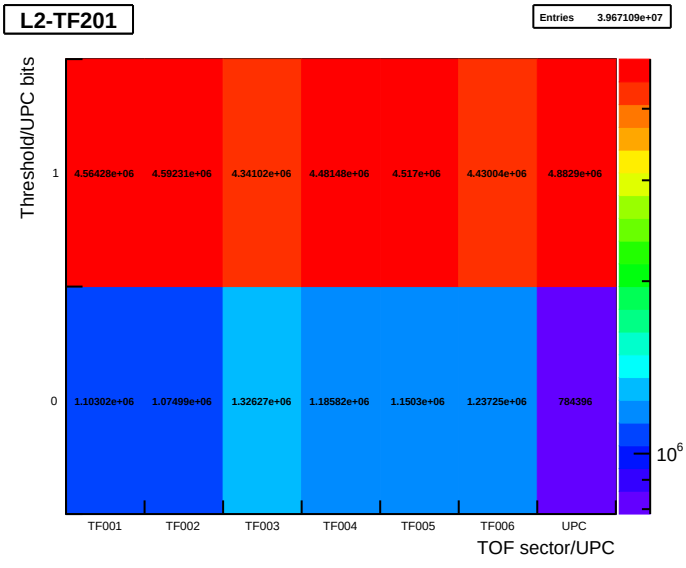

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

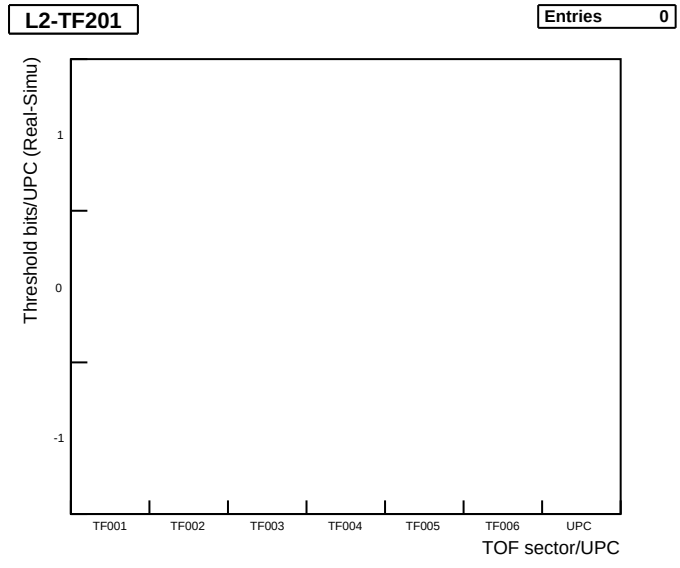

MIX-TF101
Entries 3.400379e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

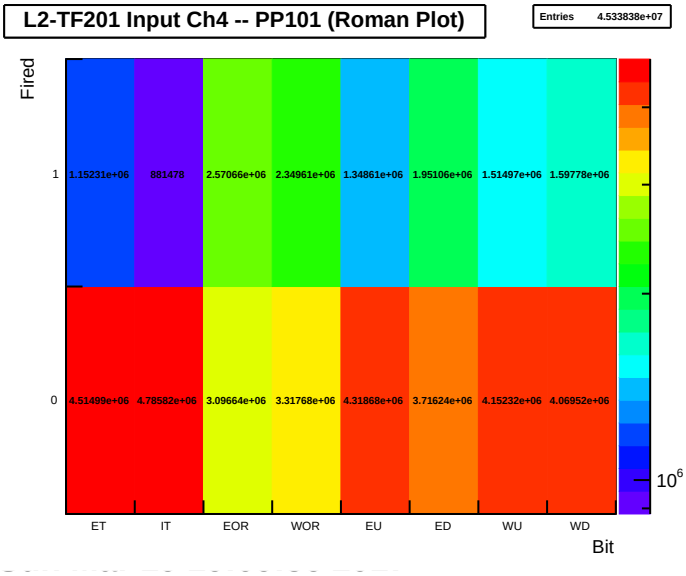

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

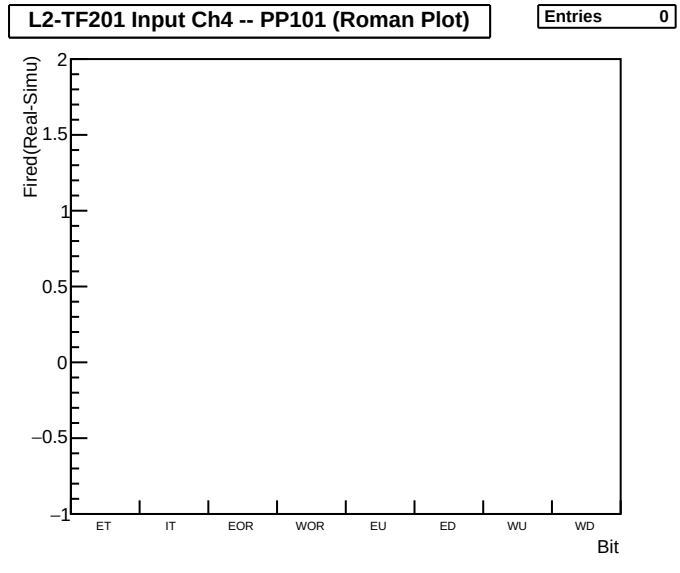

L2-TF201
Entries5667298
TOF total mult

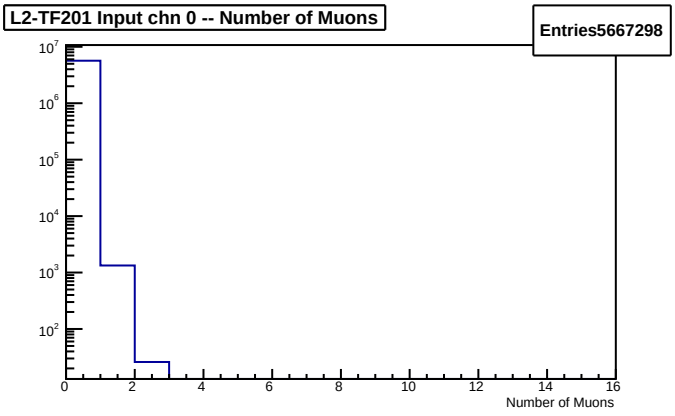

L2-TF201
Entries 0
TOF total mult(Real-Simu)

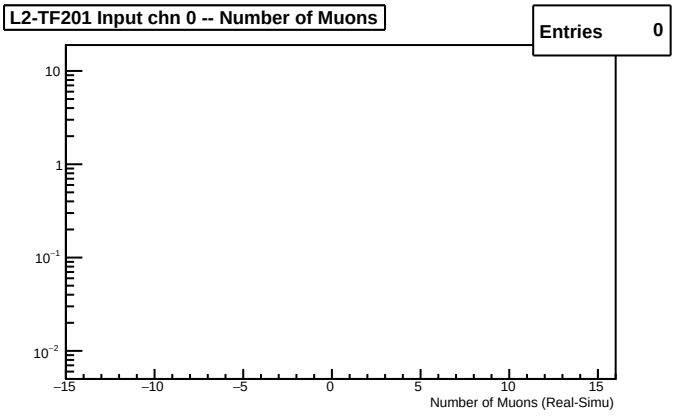

L2-TF201
Entries 3.967109e+07
Threshold/UPC bits
4.56428e+06
4.59231e+06
4.34102e+06
4.48148e+06
4.517e+06
4.43004e+06
4.8829e+06
1.10302e+06
1.07499e+06
1.32627e+06
1.18582e+06
1.1503e+06
1.23725e+06
784396
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

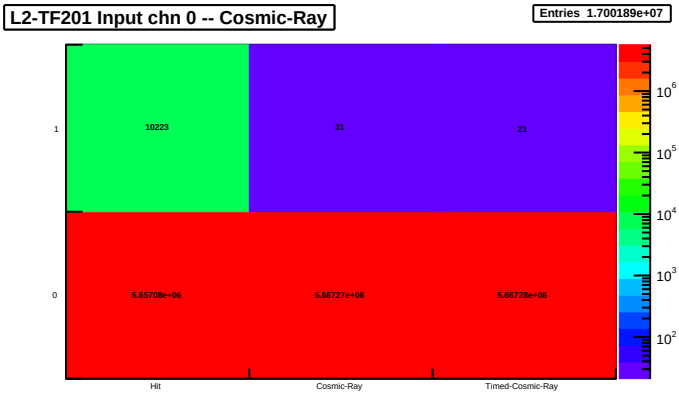

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

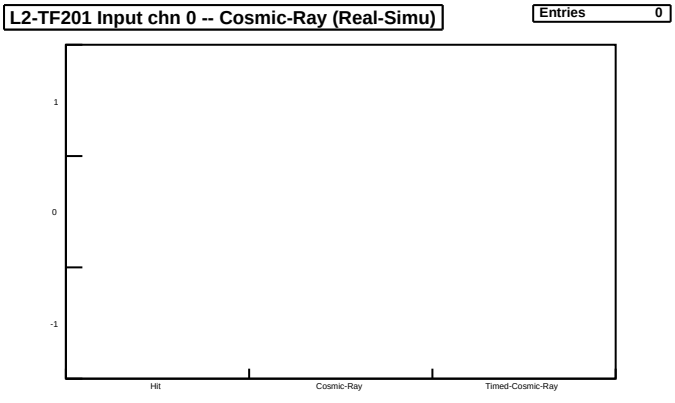

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.533838e+07
Fired
1.15231e+06
881478
2.57066e+06
2.34961e+06
1.34861e+06
1.95106e+06
1.51497e+06
1.59778e+06
4.51499e+06
4.78582e+06
3.09664e+06
3.31768e+06
4.31868e+06
3.71624e+06
4.15232e+06
4.06952e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

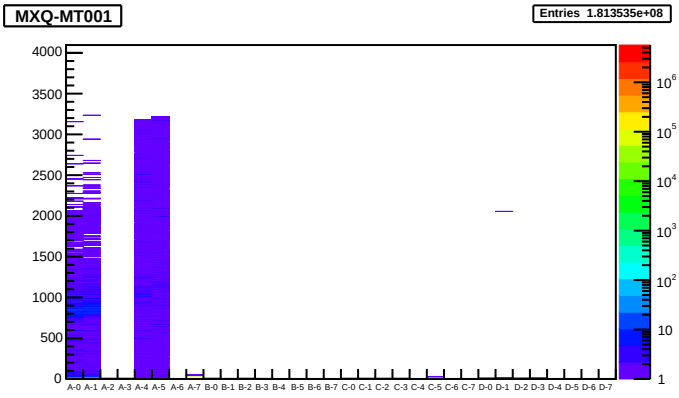

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

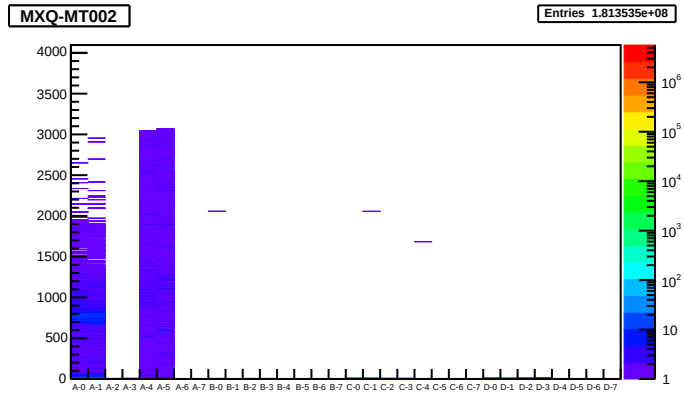

L2-TF201 Input chn 0 -- Number of Muons
Entries5667298
Number of Muons

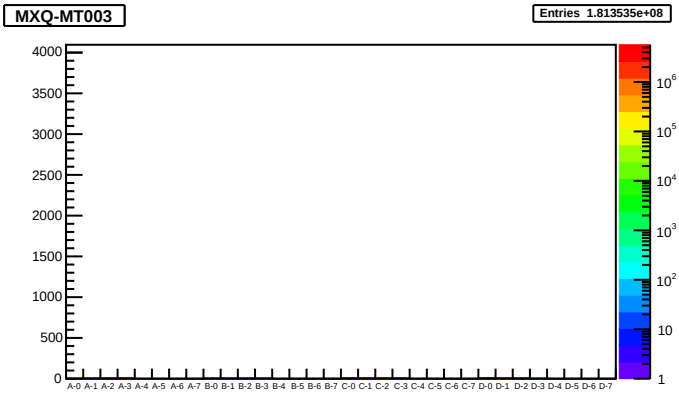

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

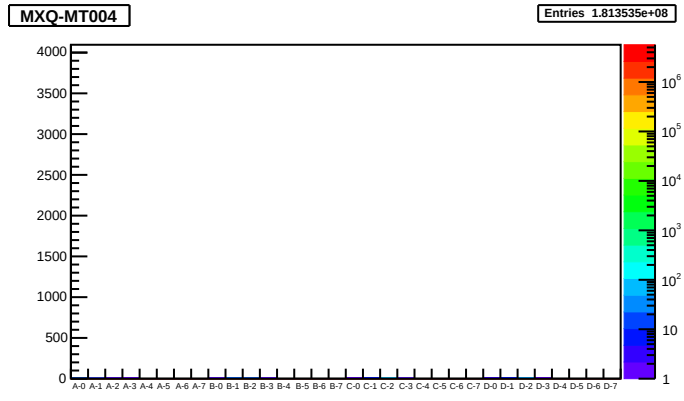

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.700189e+07
10223
31
21
5.65708e+06
5.66727e+06
5.66728e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

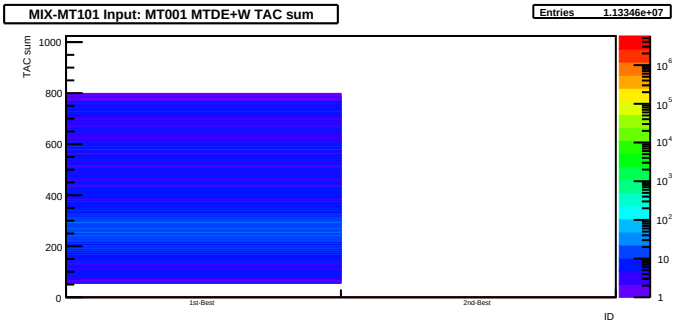

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

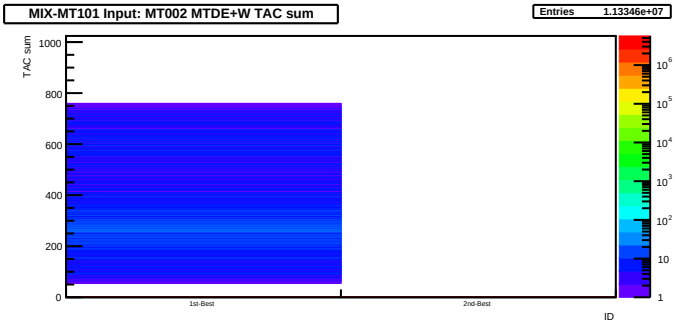

MXQ-MT001
Entries 1.813535e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

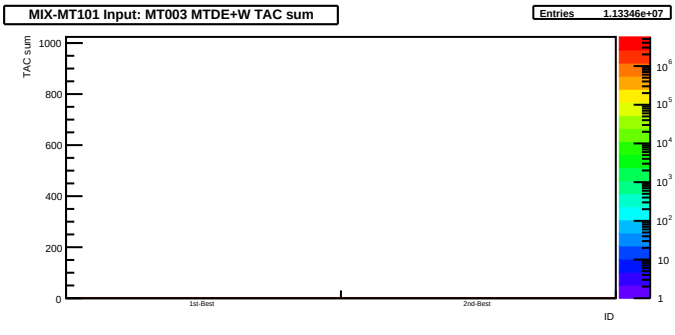

MXQ-MT002
Entries 1.813535e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

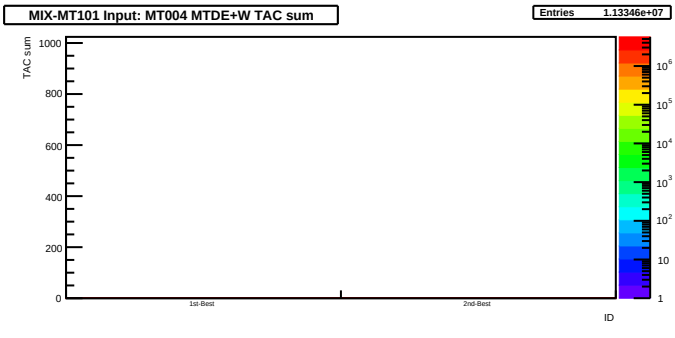

MXQ-MT003
Entries 1.813535e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

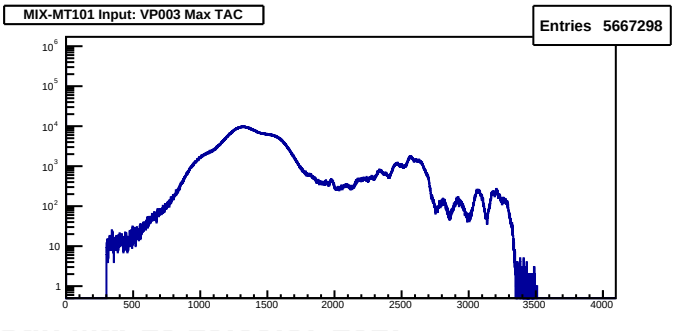

MXQ-MT004
Entries 1.813535e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

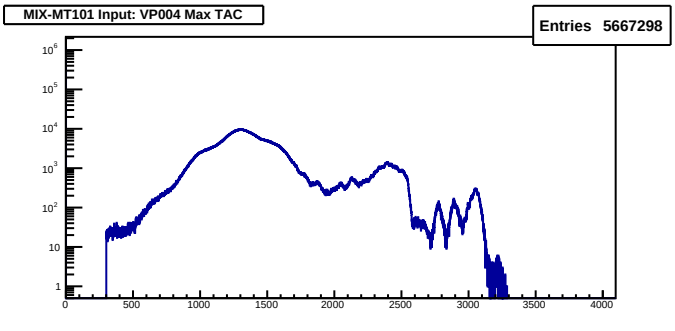

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.13346e+07
TAC sum
1st-Best
2nd-Best
ID

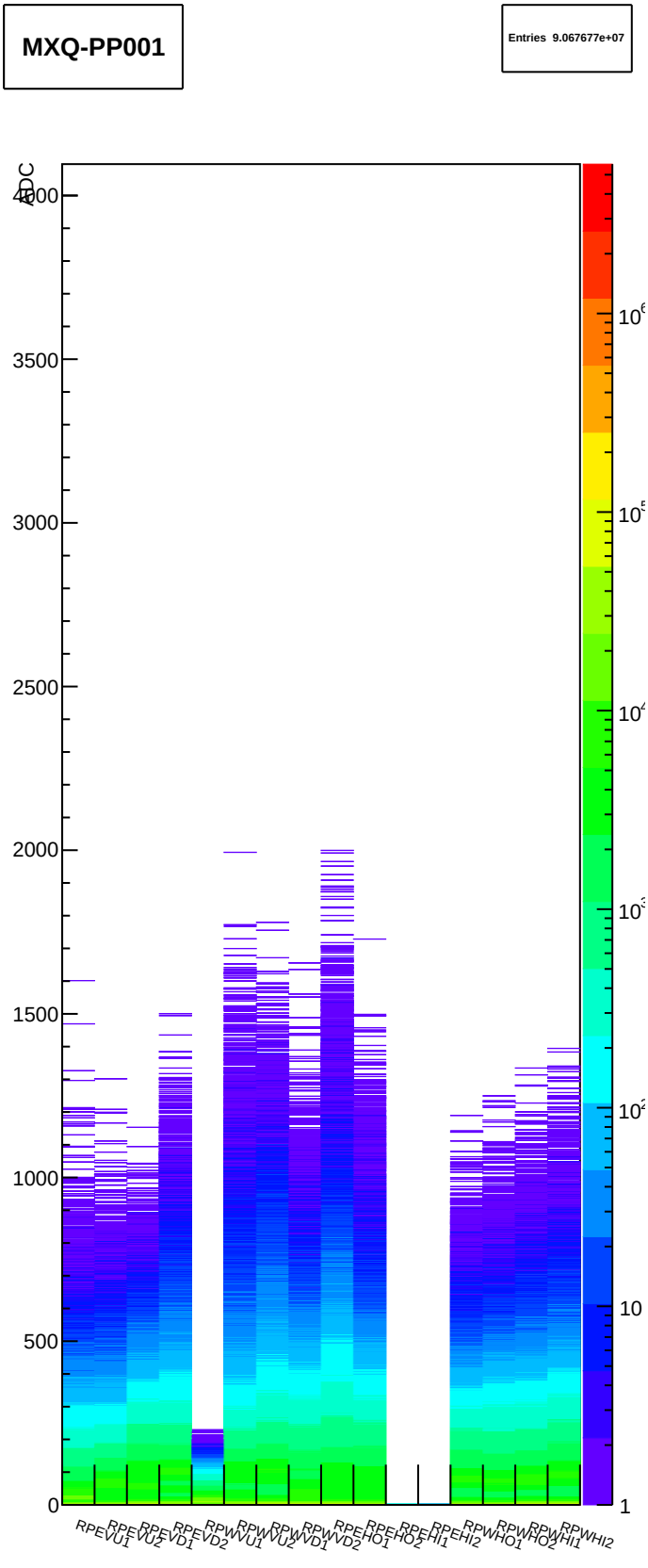

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.13346e+07
TAC sum
1st-Best
2nd-Best
ID

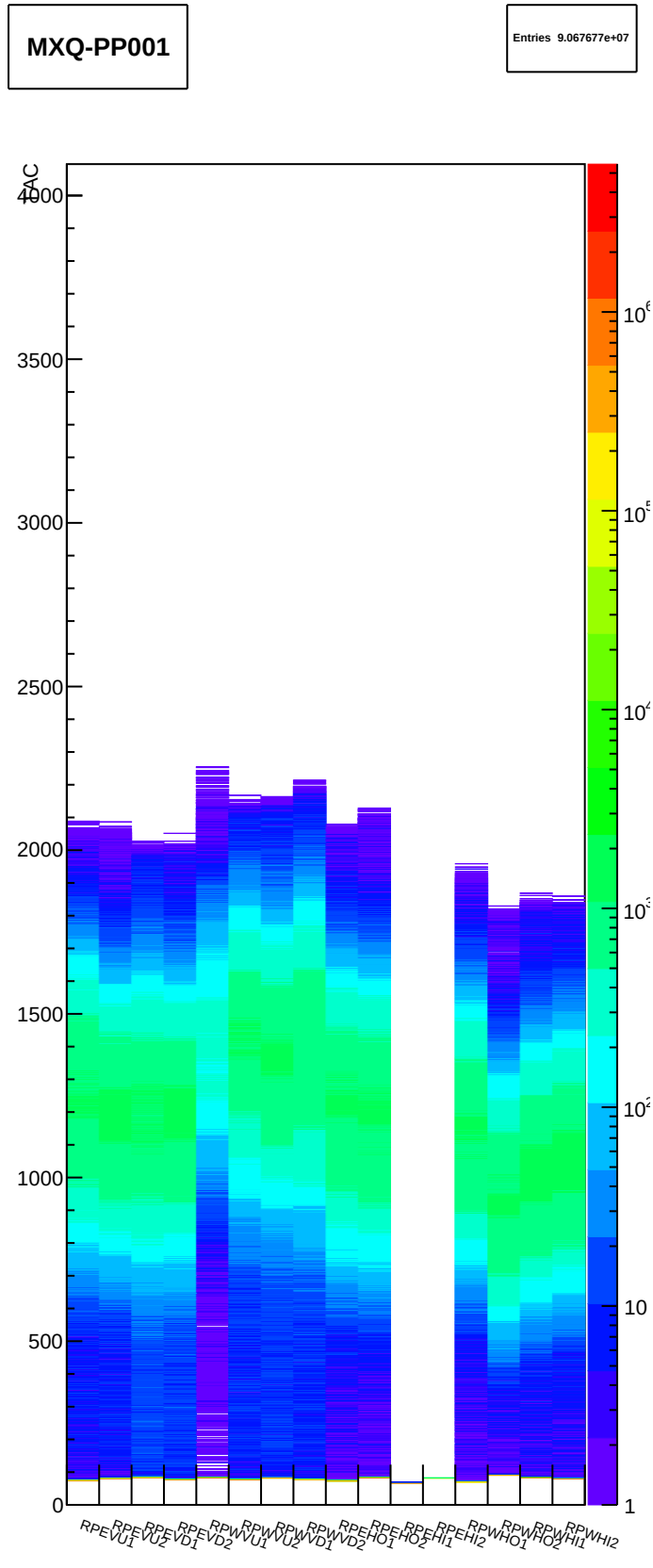

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.13346e+07
TAC sum
1st-Best
2nd-Best
ID

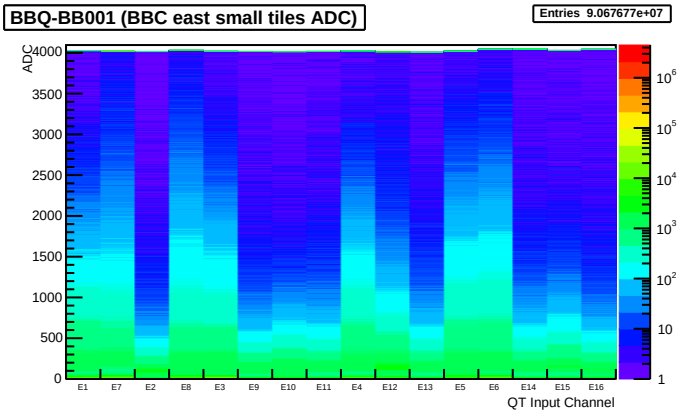

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.13346e+07
TAC sum
1st-Best
2nd-Best
ID

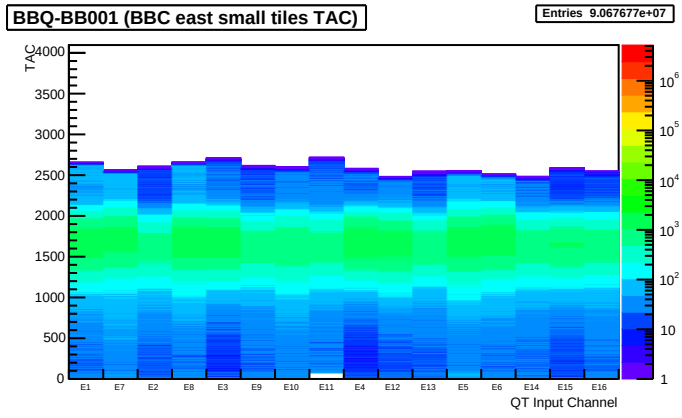

MIX-MT101 Input: VP003 Max TAC
Entries 5667298

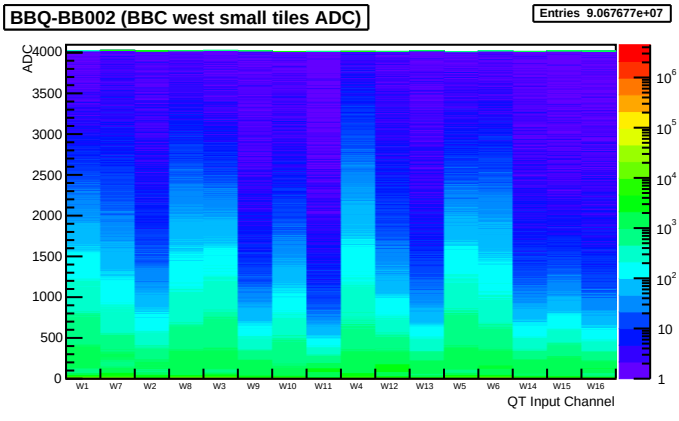

MIX-MT101 Input: VP004 Max TAC
Entries 5667298

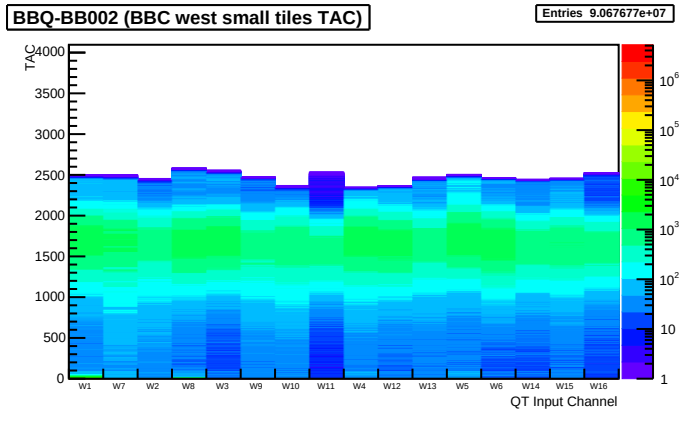

MXQ-PP001
Entries 9.067677e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

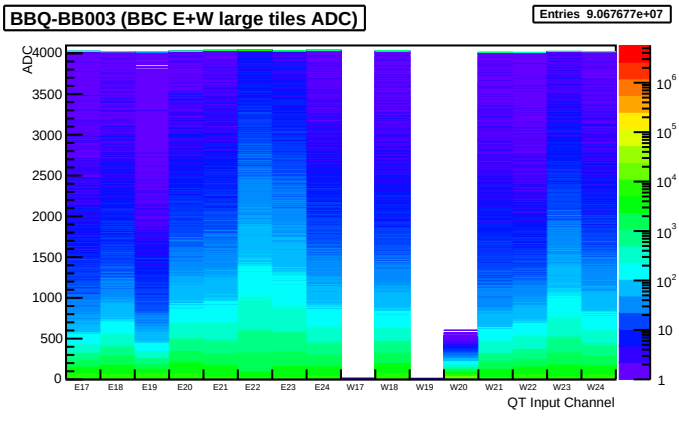

MXQ-PP001
Entries 9.067677e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

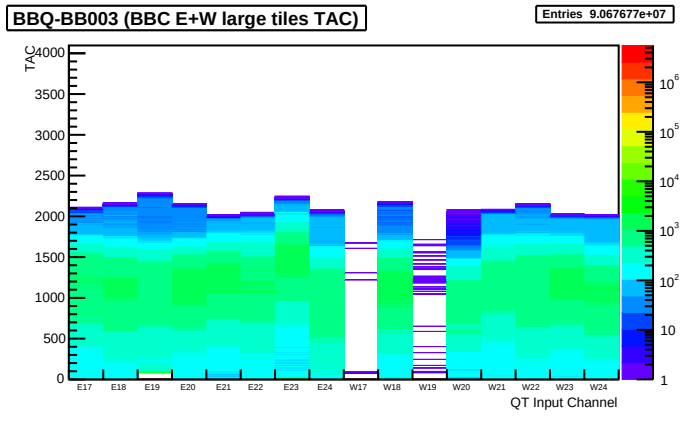

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.067677e+07
ADC
QT Input Channel

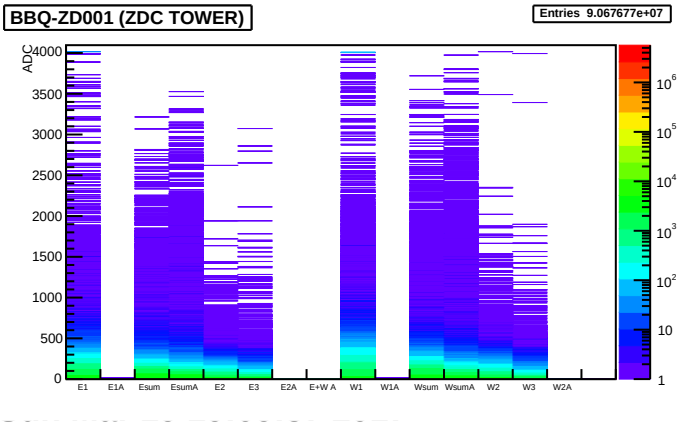

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.067677e+07
TAC
QT Input Channel

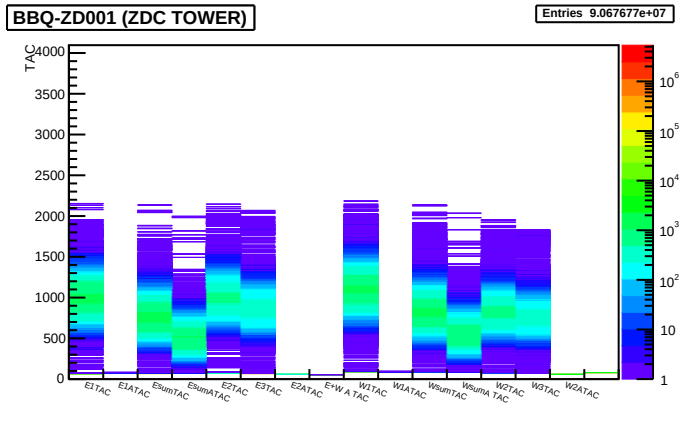

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.067677e+07
ADC
QT Input Channel

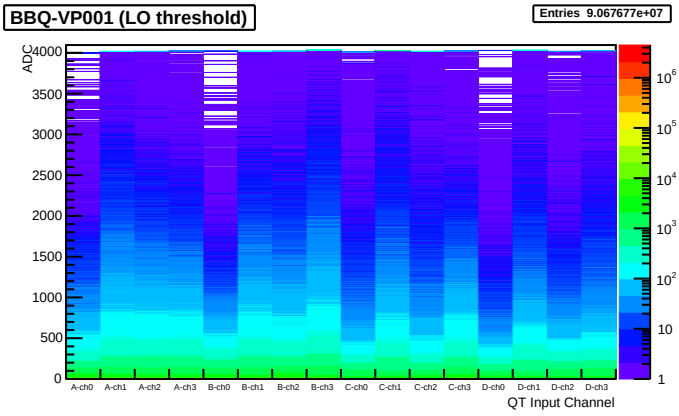

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.067677e+07
TAC
QT Input Channel

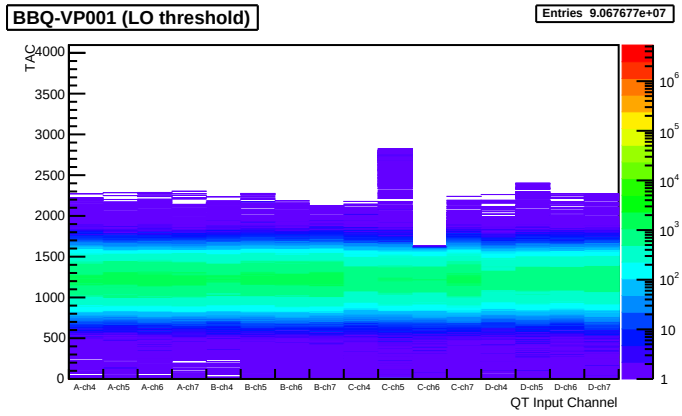

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.067677e+07
ADC
QT Input Channel

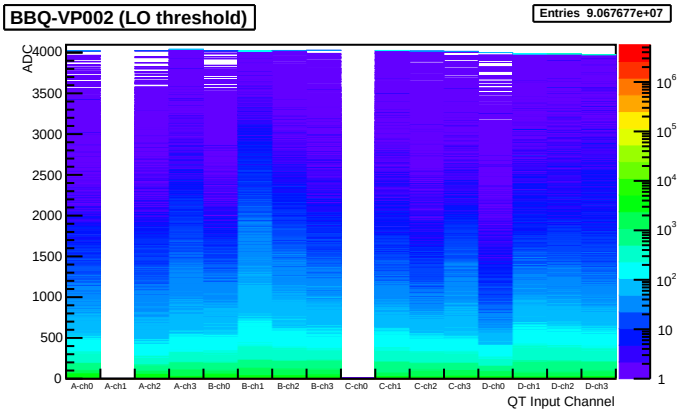

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.067677e+07
TAC
QT Input Channel

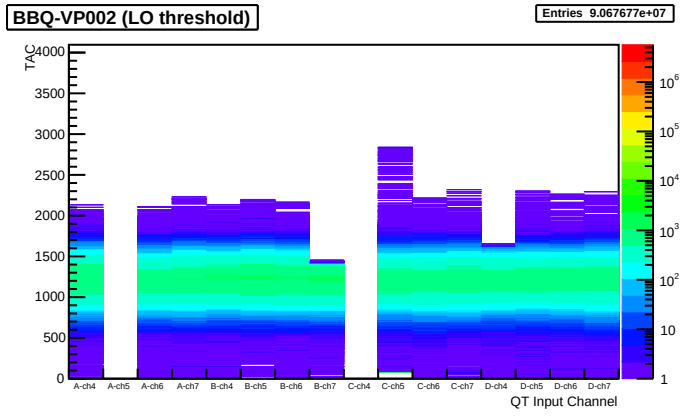

BBQ-ZD001 (ZDC TOWER)
Entries 9.067677e+07
ADC

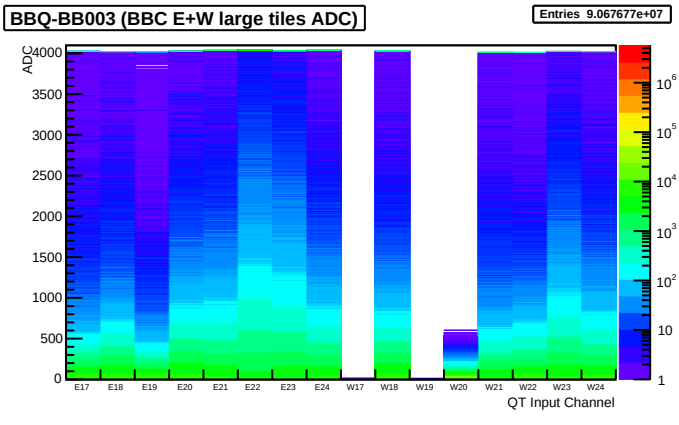

BBQ-ZD001 (ZDC TOWER)
Entries 9.067677e+07
TAC

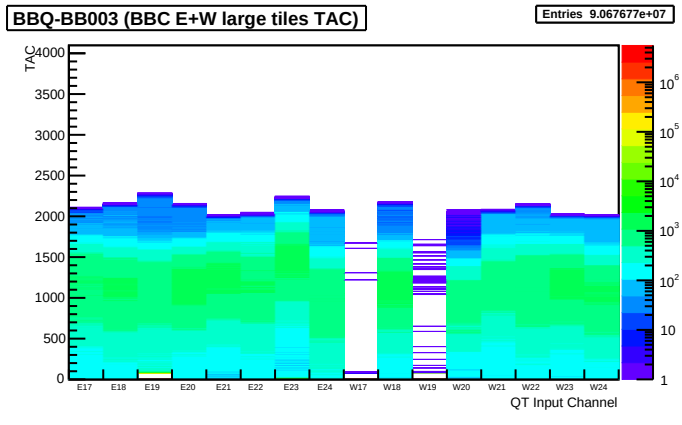

BBQ-VP001 (LO threshold)
Entries 9.067677e+07
ADC
QT Input Channel

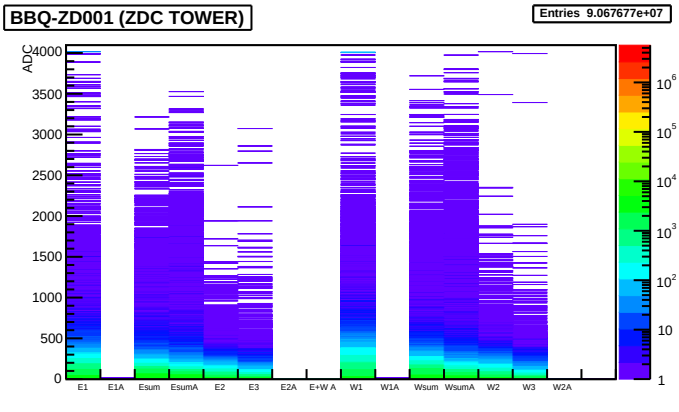

BBQ-VP001 (LO threshold)
Entries 9.067677e+07
TAC
QT Input Channel

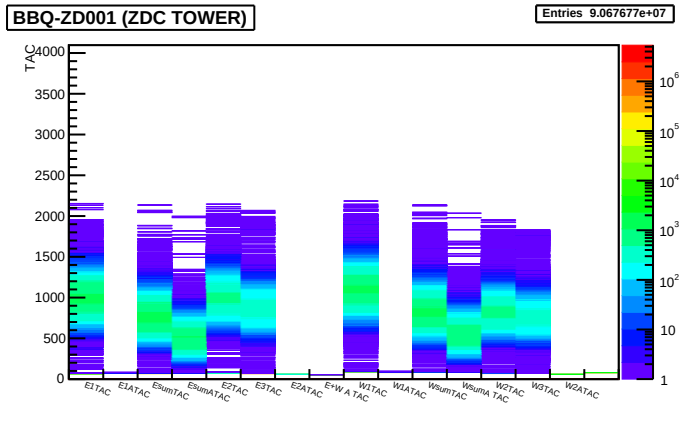

BBQ-VP002 (LO threshold)
Entries 9.067677e+07
ADC
QT Input Channel

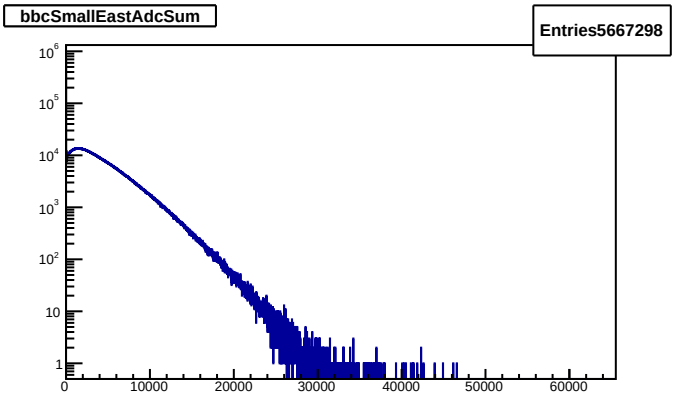

BBQ-VP002 (LO threshold)
Entries 9.067677e+07
TAC
QT Input Channel

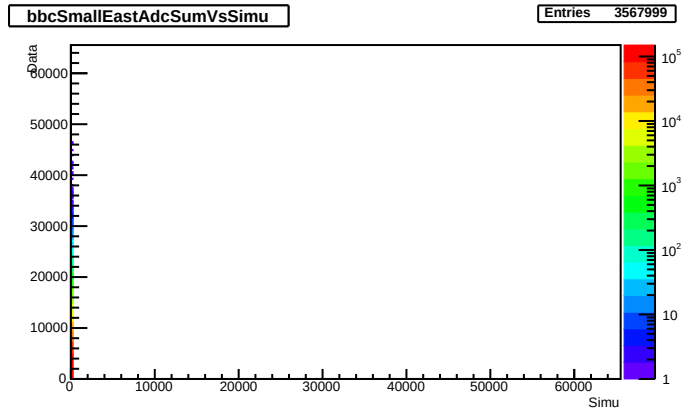

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.067677e+07
ADC
QT Input Channel

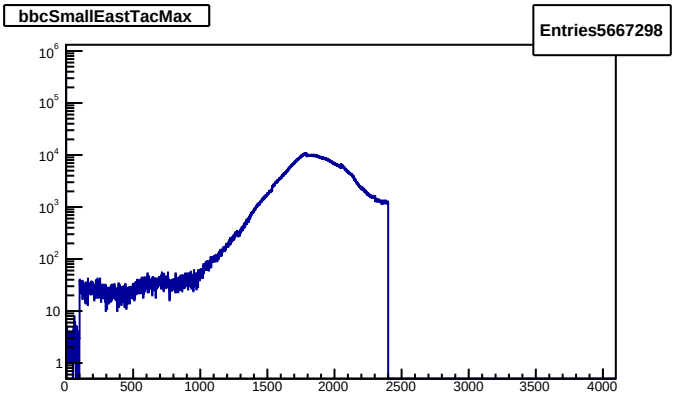

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.067677e+07
TAC
QT Input Channel

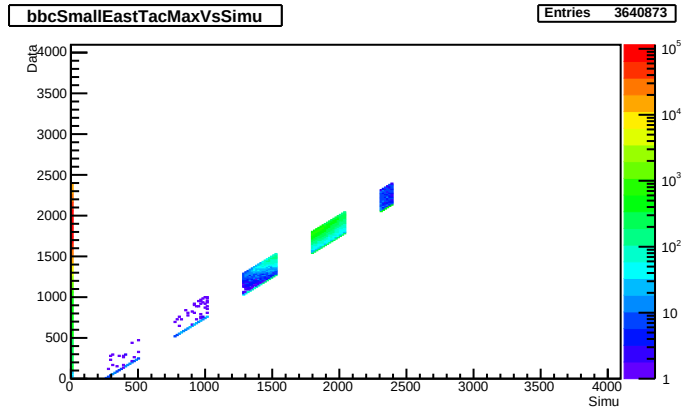

BBQ-ZD001 (ZDC TOWER)
Entries 9.067677e+07
ADC

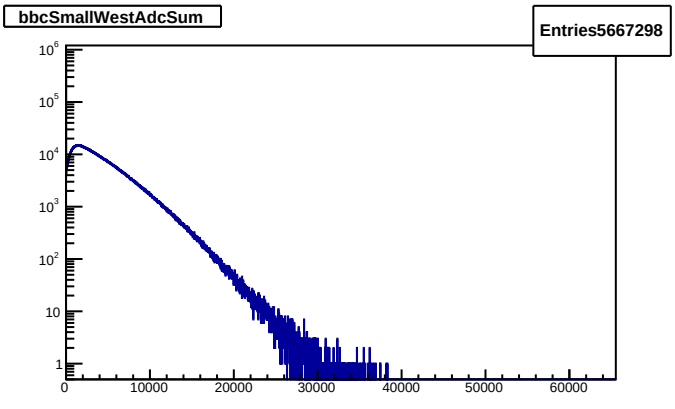

BBQ-ZD001 (ZDC TOWER)
Entries 9.067677e+07
TAC

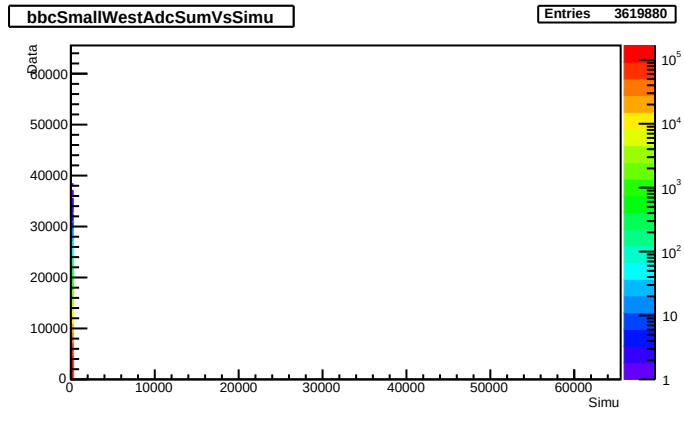

bbcSmallEastAdcSum
Entries5667298

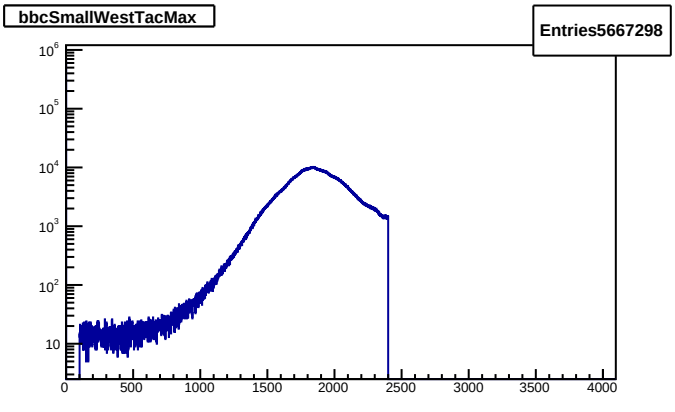

bbcSmallEastAdcSumVsSimu
Entries 3567999
Data
Simu

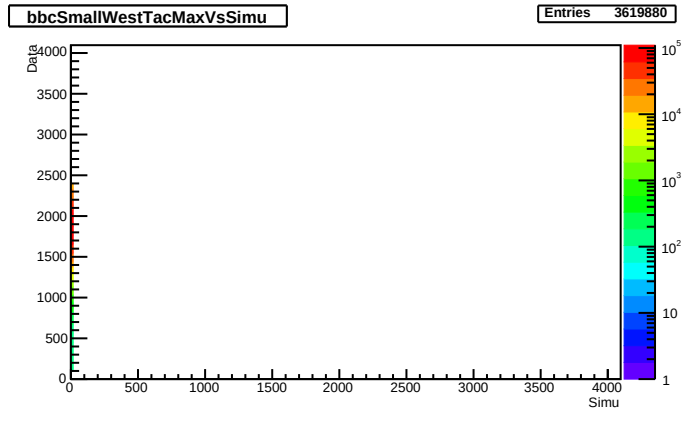

bbcSmallEastTacMax
Entries5667298

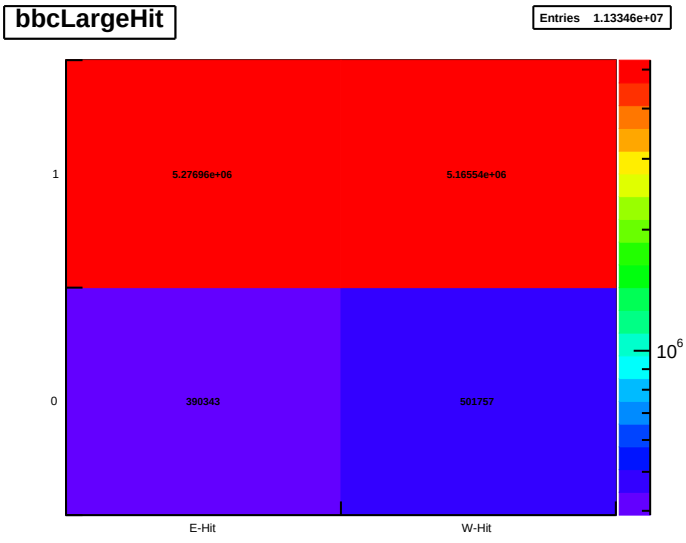

bbcSmallEastTacMaxVsSimu
Entries 3640873
Data
Simu

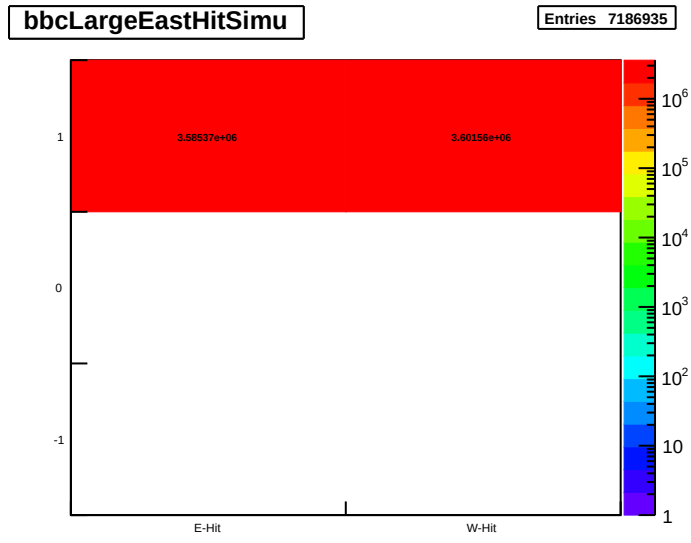

bbcSmallWestAdcSum
Entries5667298

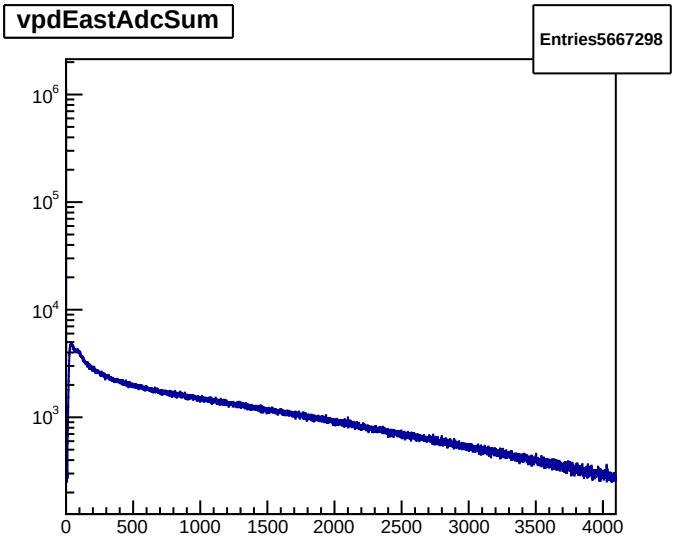

bbcSmallWestAdcSumVsSimu
Entries 3619880
Data
Simu

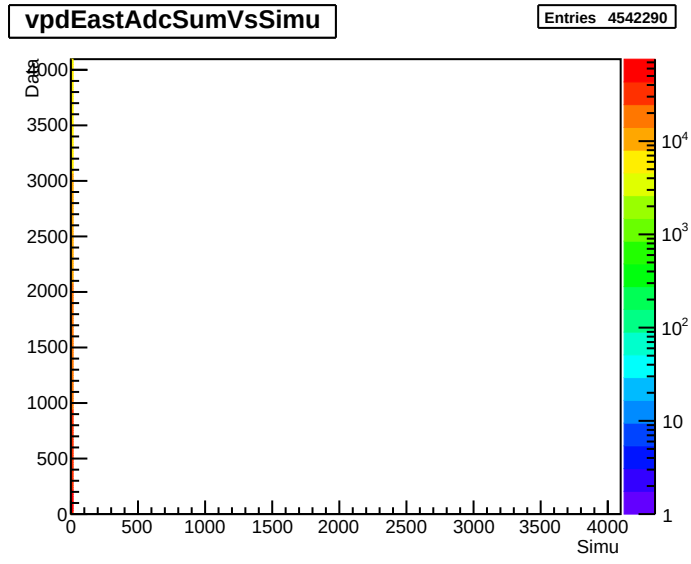

bbcSmallWestTacMax
Entries5667298

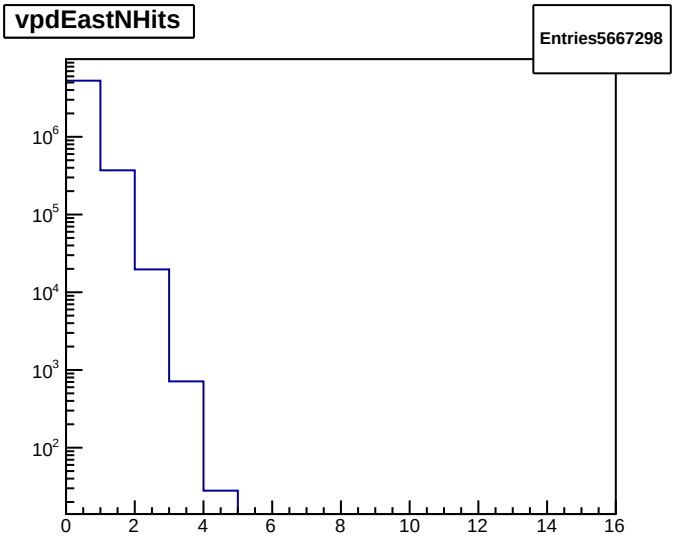

bbcSmallWestTacMaxVsSimu
Entries 3619880
Data
Simu

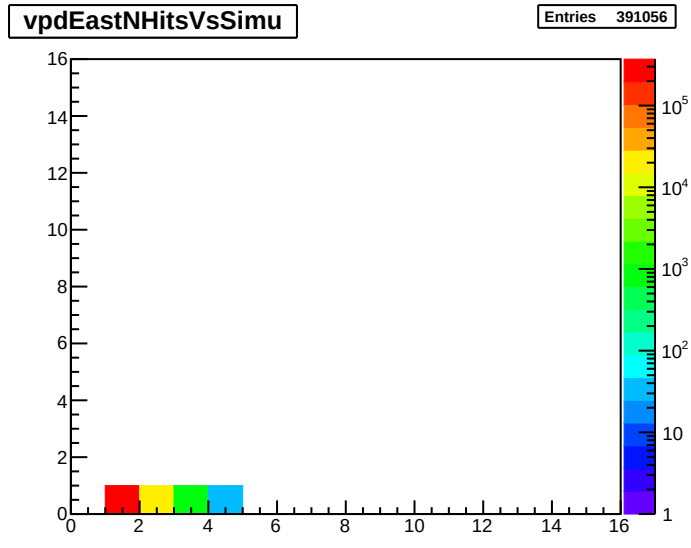

bbcLargeHit
Entries 1.13346e+07
1
0
5.27696e+06
5.16554e+06
390343
501757
E-Hit
W-Hit
10^6

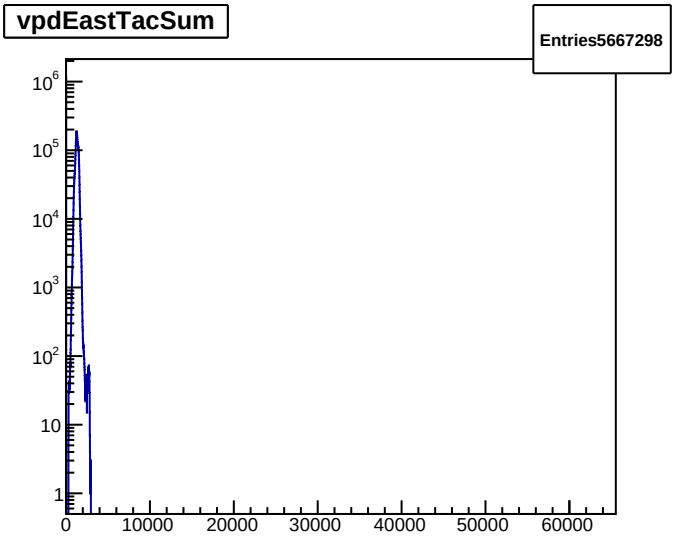

bbcLargeEastHitSimu
Entries 7186935
1
0
-1
3.58537e+06
3.60156e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

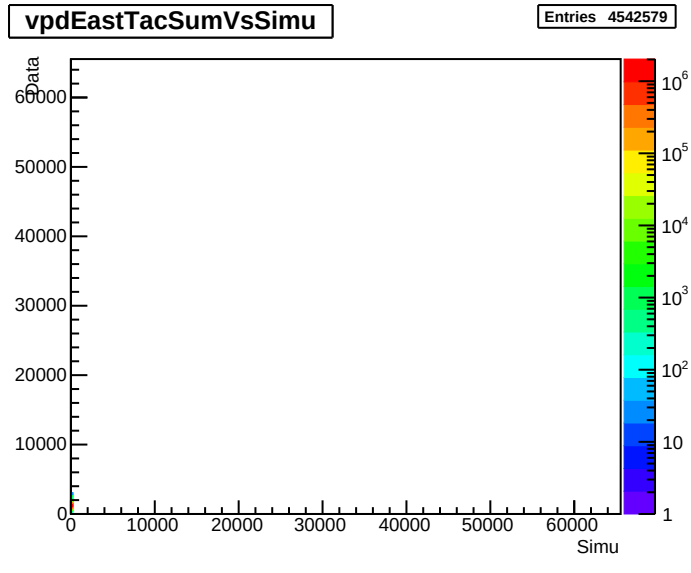

vpdEastAdcSum
Entries5667298

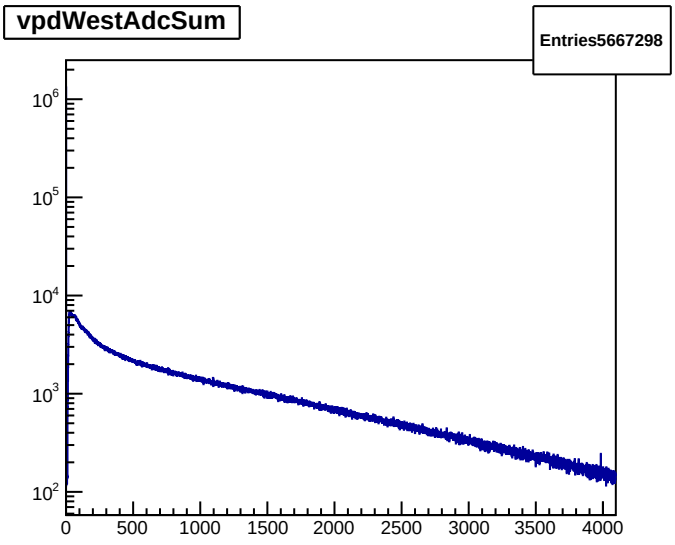

vpdEastAdcSumVsSimu
Entries 4542290
Data
Simu

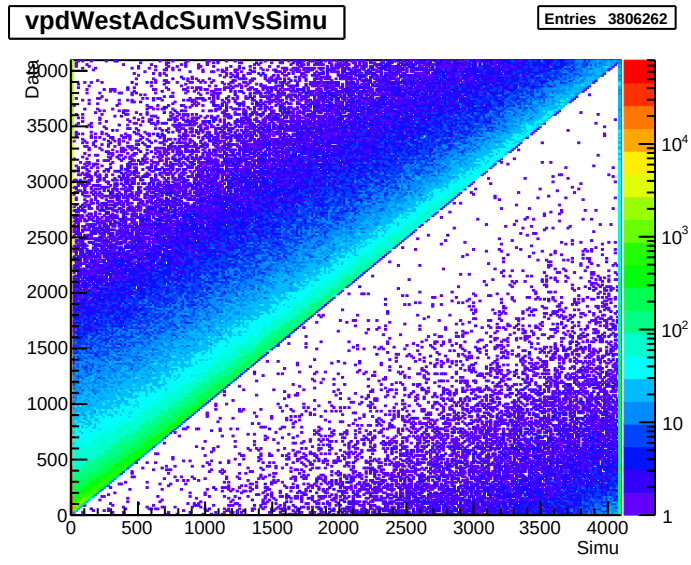

vpdEastNHits
Entries5667298

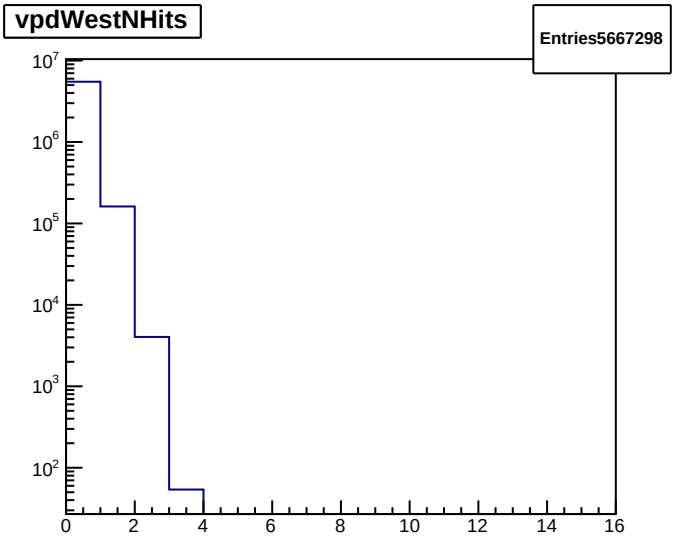

vpdEastNHitsVsSimu
Entries 391056

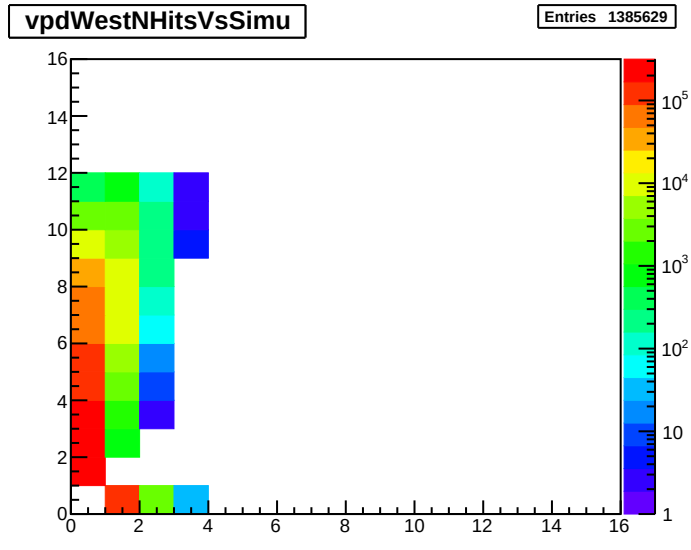

vpdEastTacSum
Entries5667298

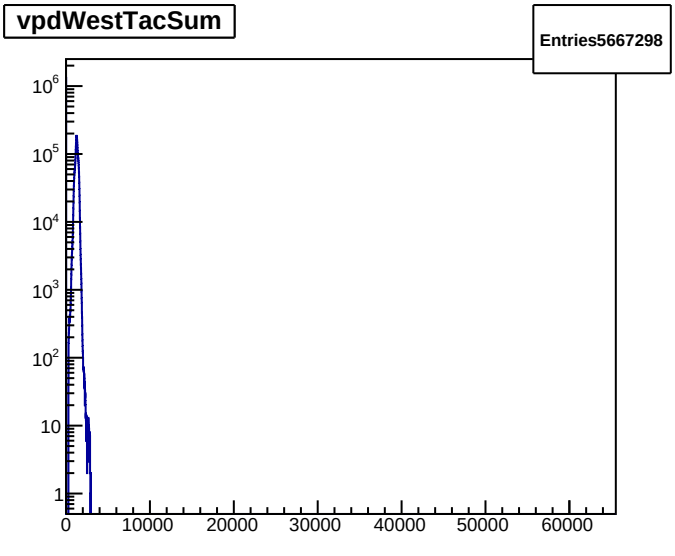

vpdEastTacSumVsSimu
Entries 4542579
Data
Simu

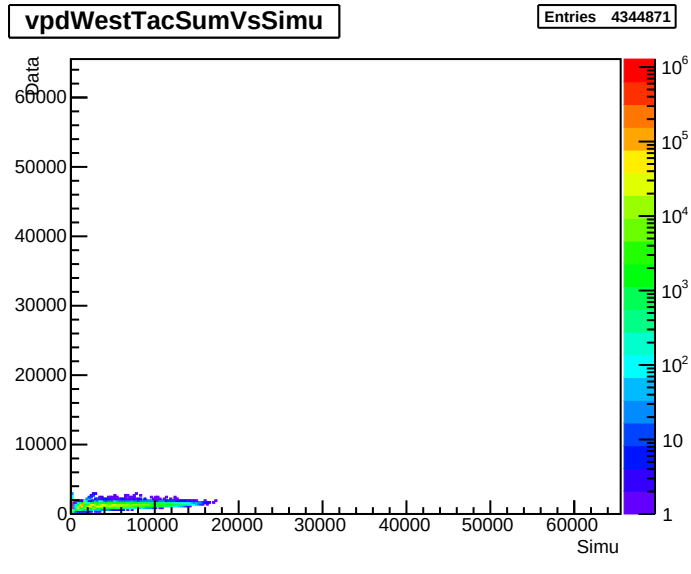

vpdWestAdcSum
Entries5667298

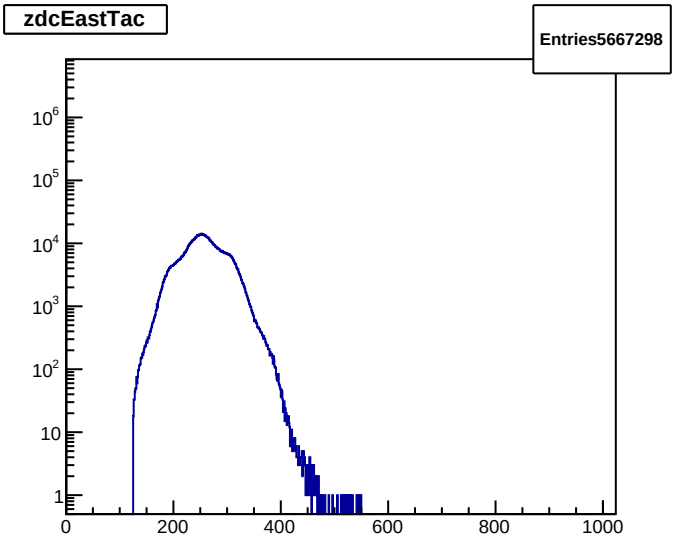

vpdWestAdcSumVsSimu
Entries 3806262
Data
Simu

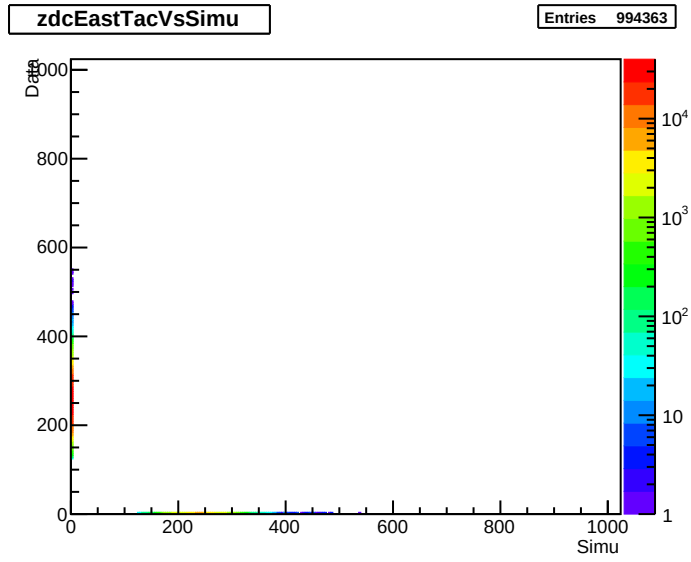

vpdWestNHits
Entries5667298

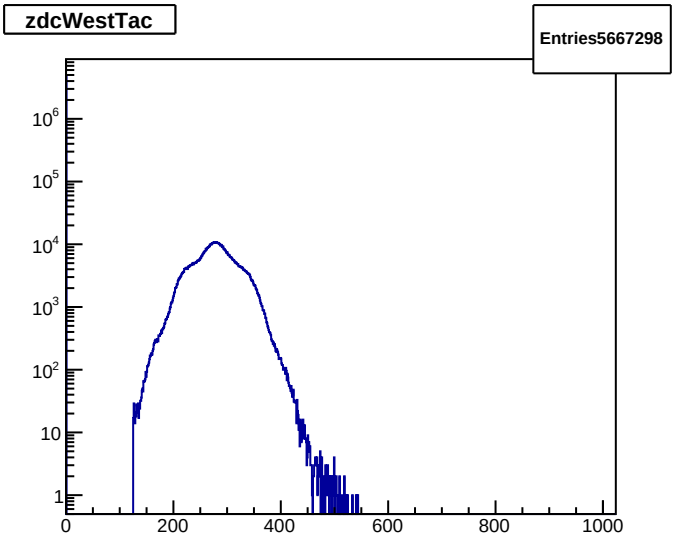

vpdWestNHitsVsSimu
Entries 1385629

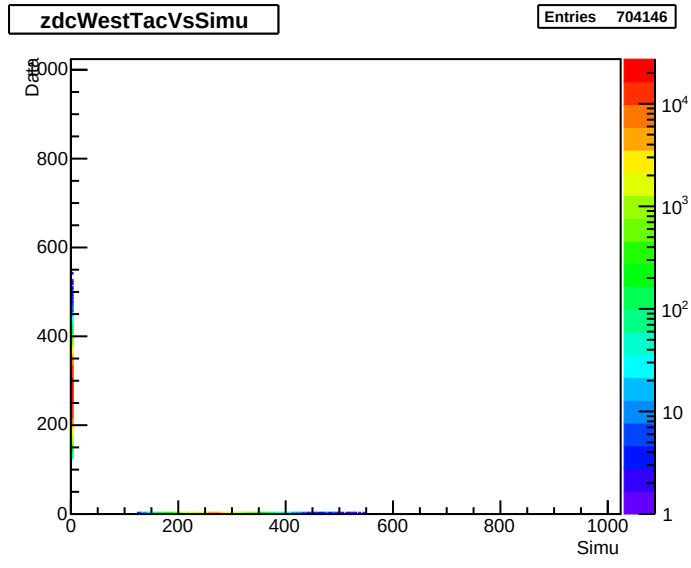

vpdWestTacSum
Entries5667298

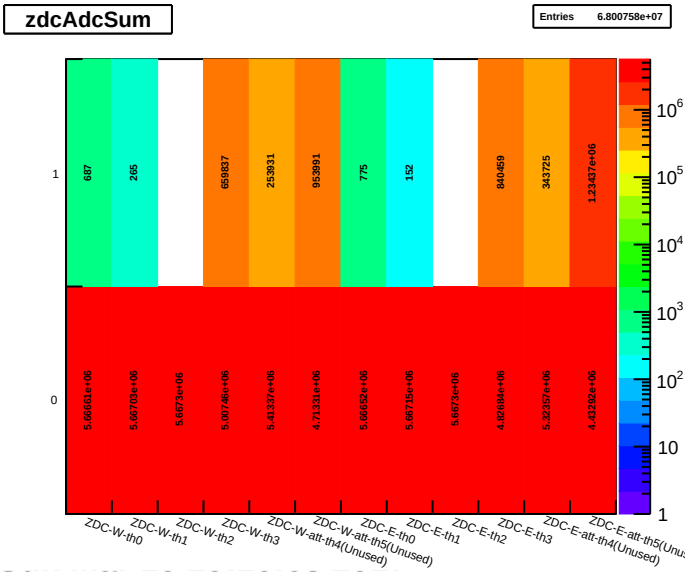

vpdWestTacSumVsSimu
Entries 4344871
Data
Simu

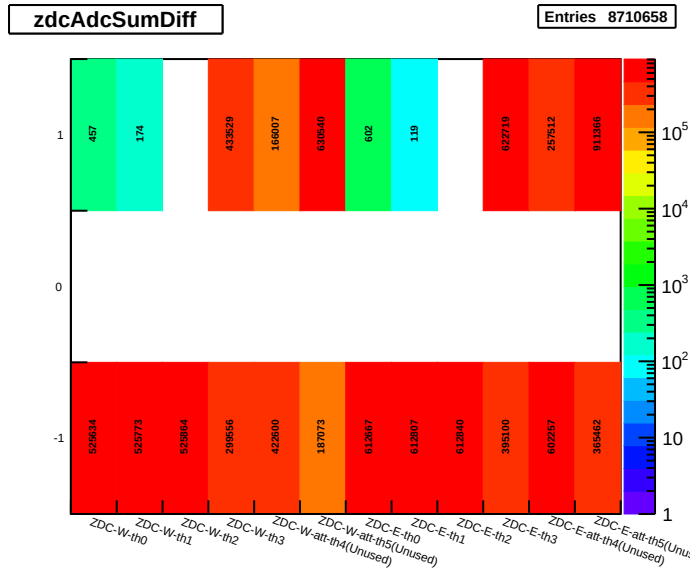

zdcEastTac
Entries5667298

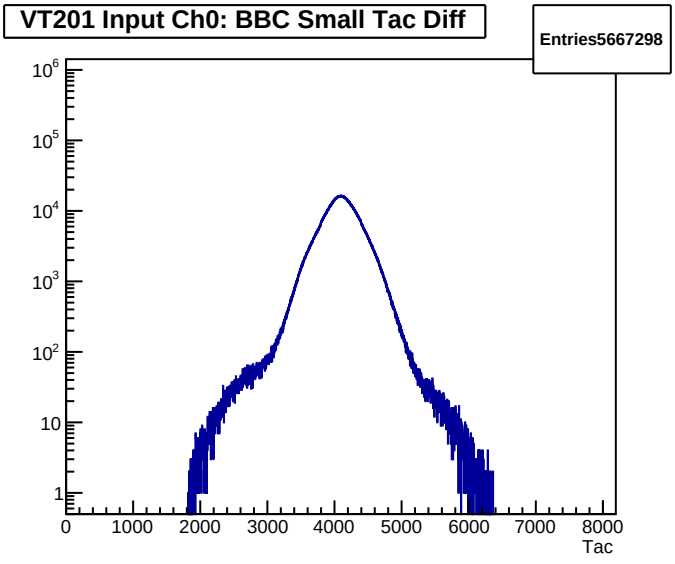

zdcEastTacVsSimu
Entries 994363
Data
Simu

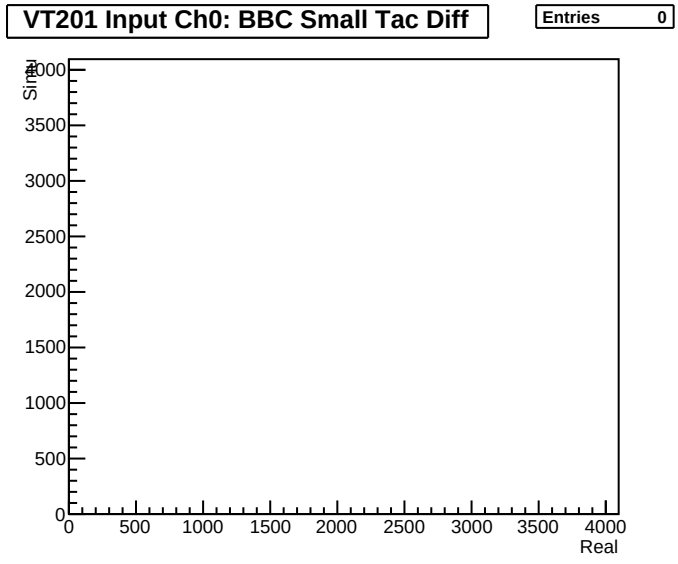

zdcWestTac
Entries5667298

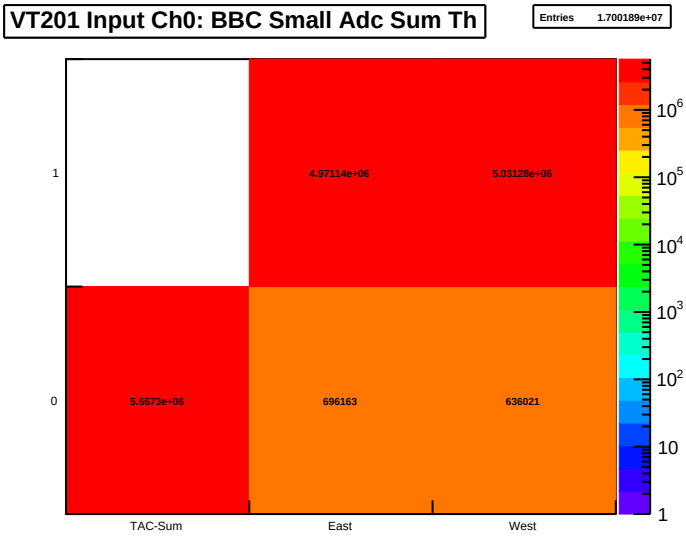

zdcWestTacVsSimu
Entries 704146
Data
Simu

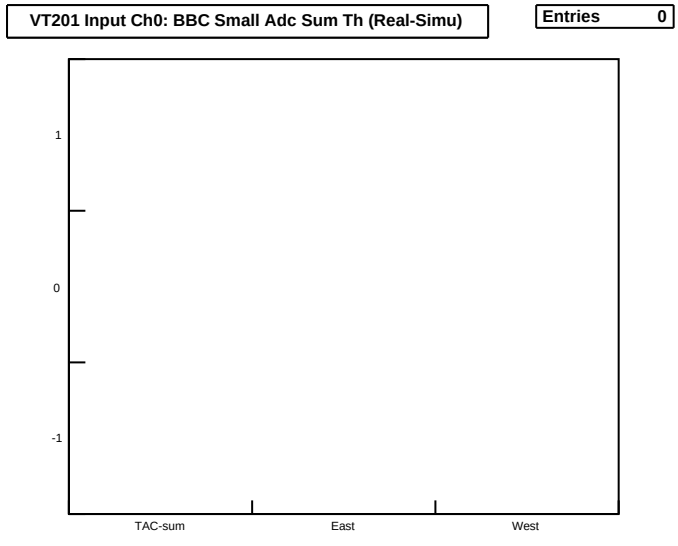

zdcAdcSum
Entries 6.800758e+07
687
265
659837
253931
953991
775
152
840459
343725
1.23437e+06
5.66561e+06
5.66703e+06
5.6673e+06
5.00746e+06
5.41337e+06
4.71331e+06
5.66652e+06
5.66715e+06
5.6673e+06
4.82694e+06
5.32357e+06
4.49292e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

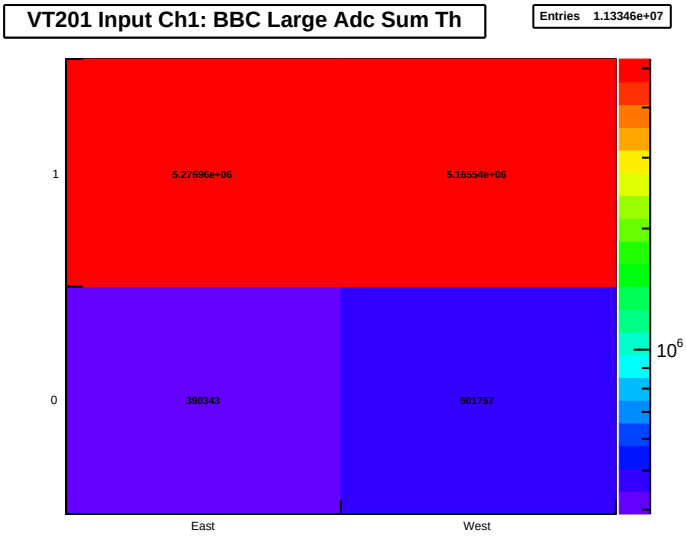

zdcAdcSumDiff
Entries 8710658
457
174
433529
166007
630540
602
119
622719
257512
911366
525634
525773
525664
299556
422600
187073
612667
612807
612840
395100
602257
365462
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

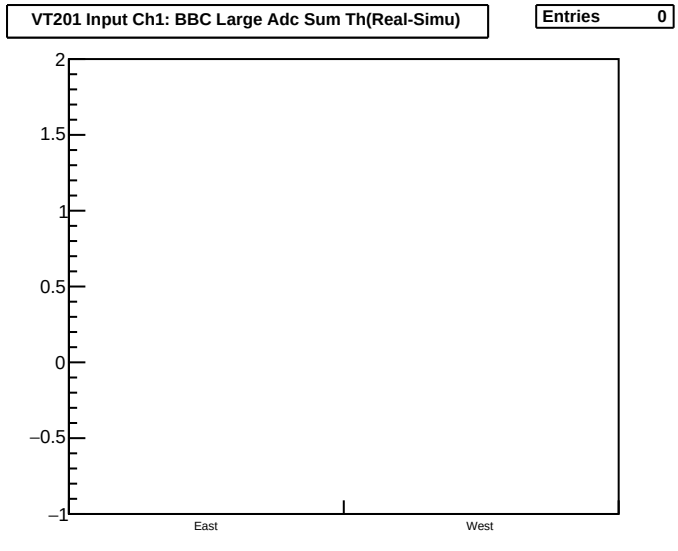

VT201 Input Ch0: BBC Small Tac Diff
Entries5667298
Tac


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

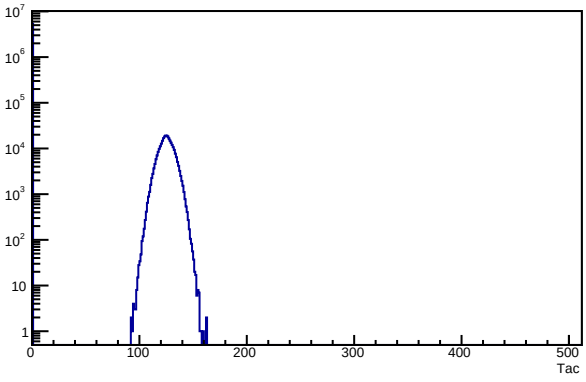

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.700189e+07
4.97114e+06
5.03128e+06
5.6673e+06
696163
636021
TAC-Sum
East
West


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

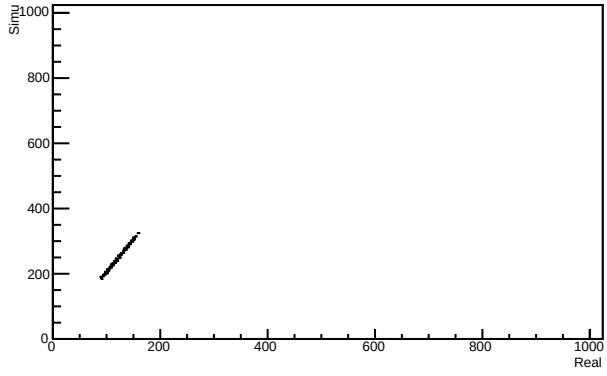

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.13346e+07
5.27696e+06
5.16554e+06
390343
501757
East
West


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

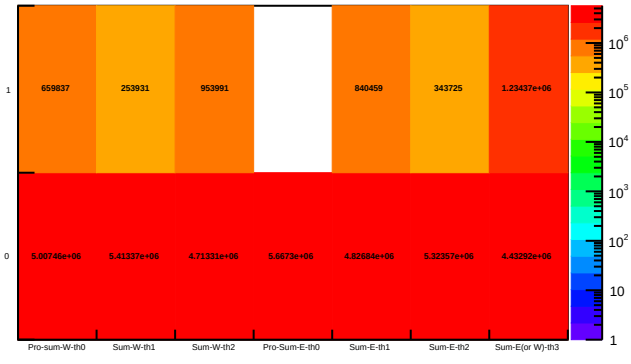
VT201 Input Ch2: ZDC Tac Diff



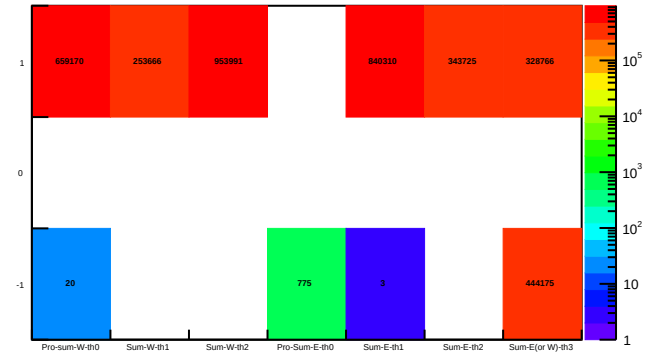
VT201 Input Ch2: ZDC Tac Diff



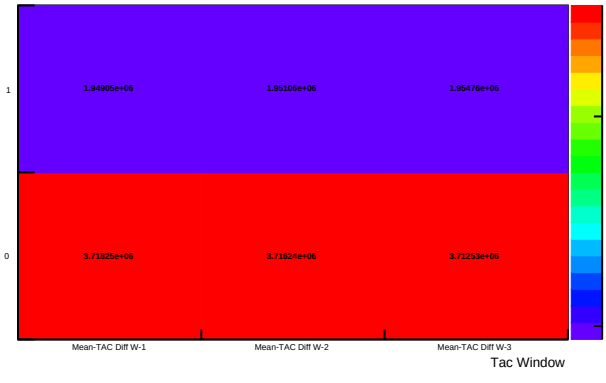
VT201 Input Ch2: ZDC Adc Sum Th



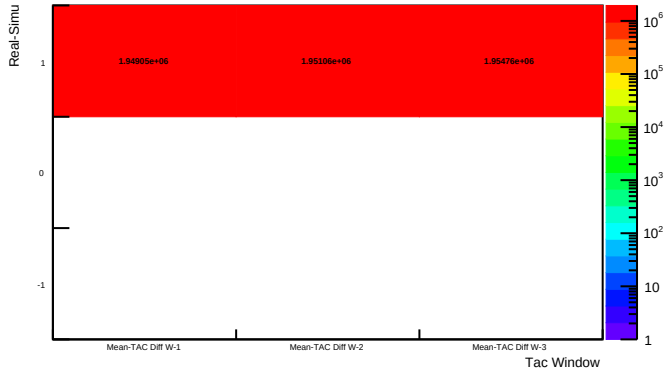
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



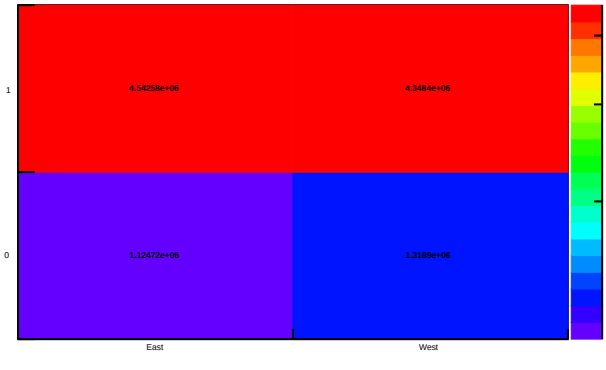
VT201 Input Ch4: VPD Tac Diff



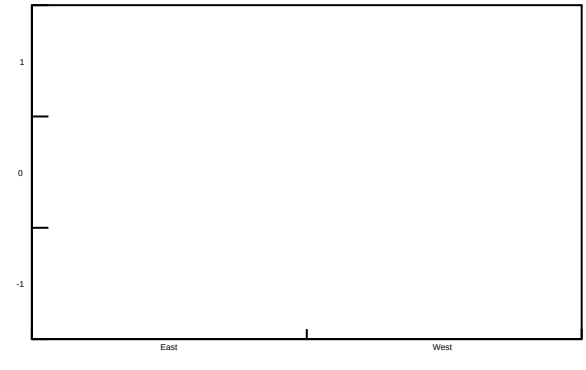
VT201 Input Ch4: VPD Tac Diff

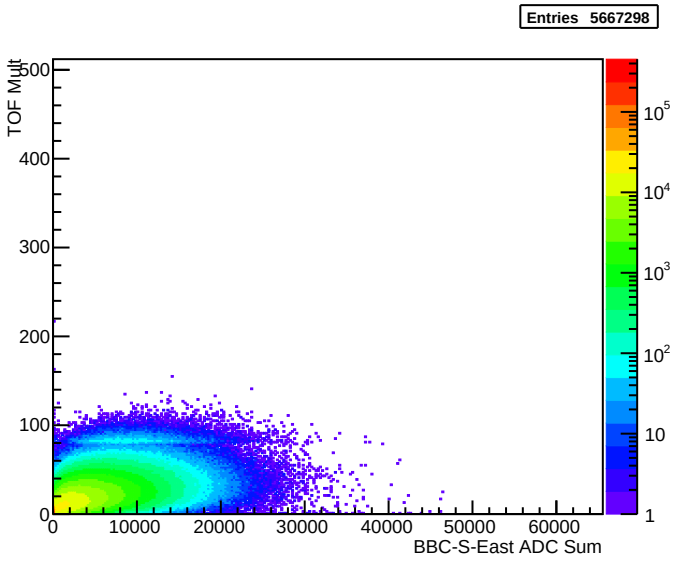


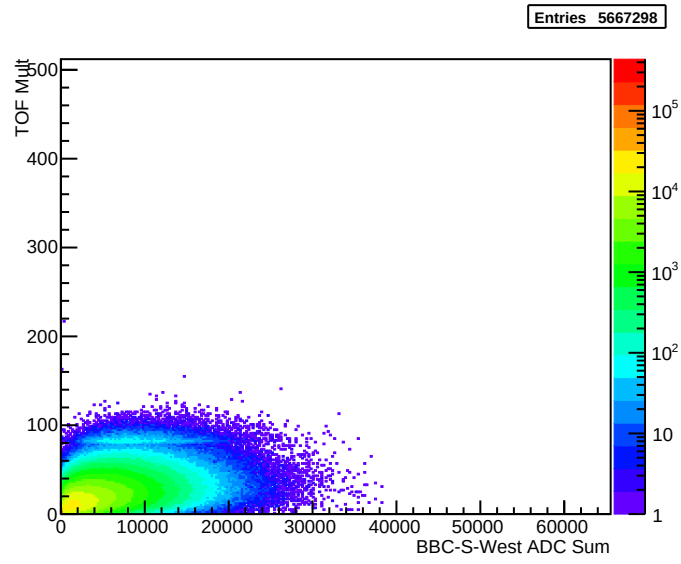
VT201 Input Ch4: VPD Adc Sum Th

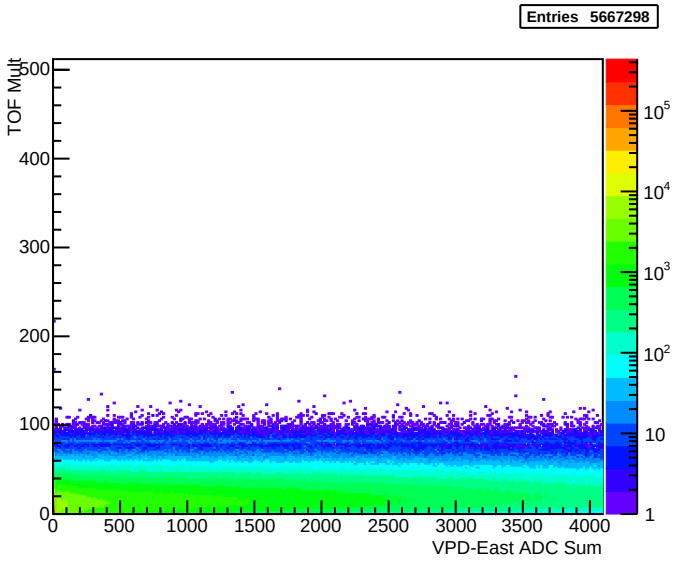


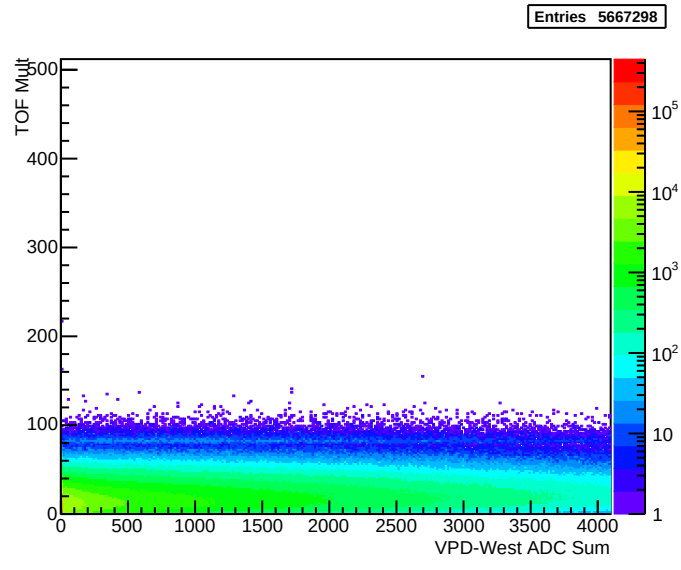
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

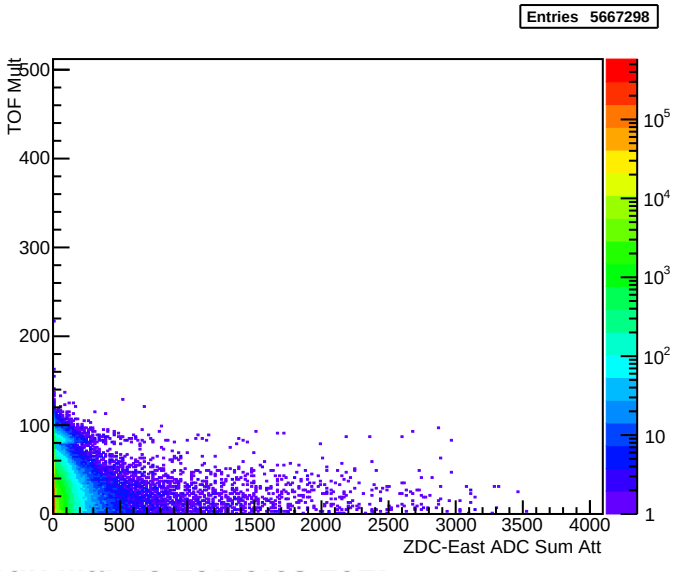


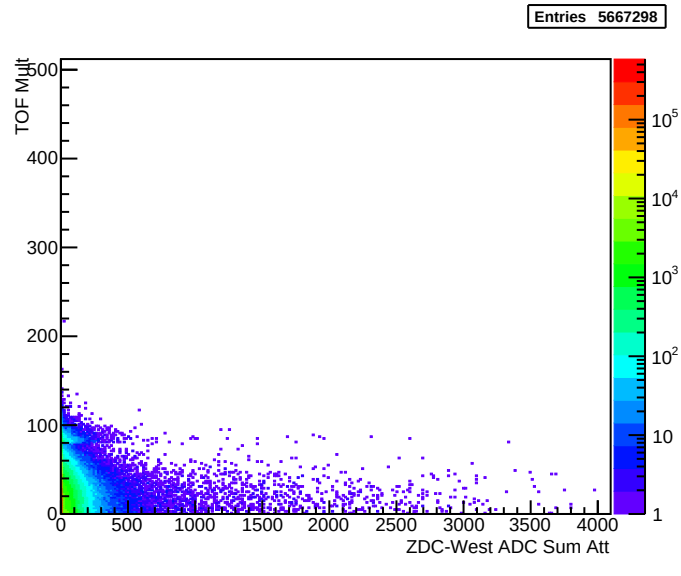

Entries 5667298
TOF Mult
BBC-S-East ADC Sum

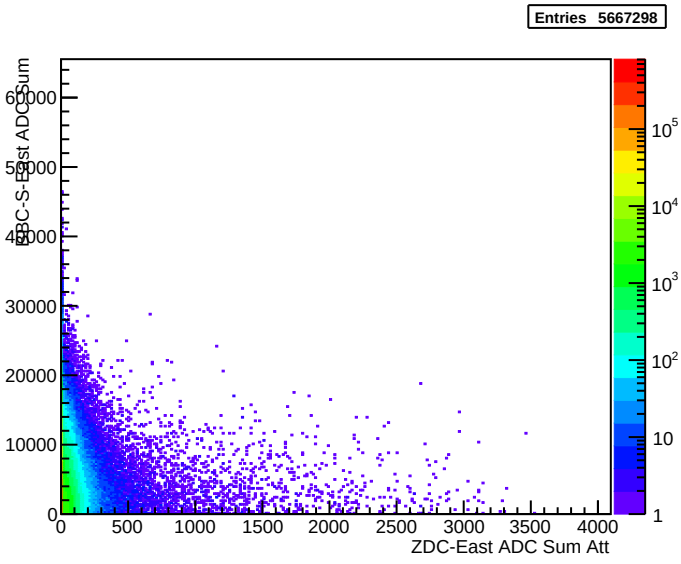

Entries 5667298
TOF Mult
BBC-S-West ADC Sum

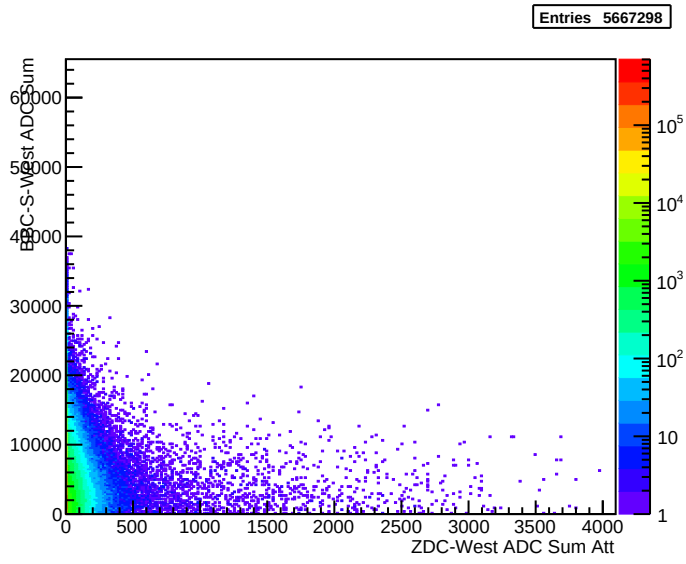

Entries 5667298
TOF Mult
VPD-East ADC Sum

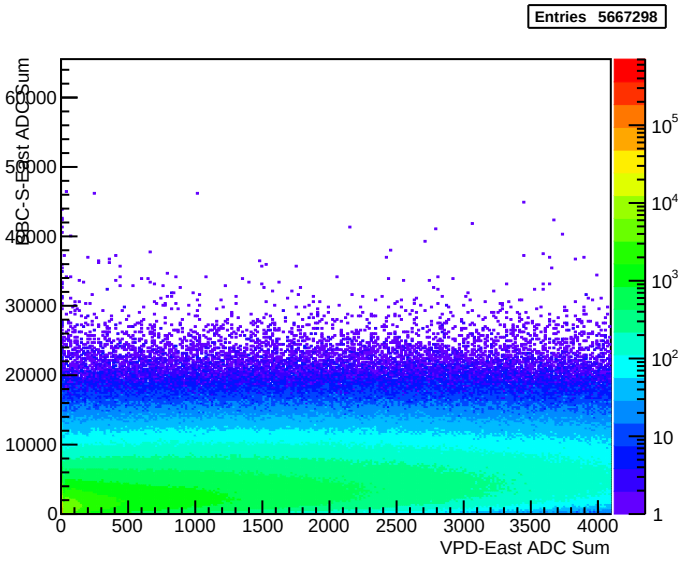

Entries 5667298
TOF Mult
VPD-West ADC Sum

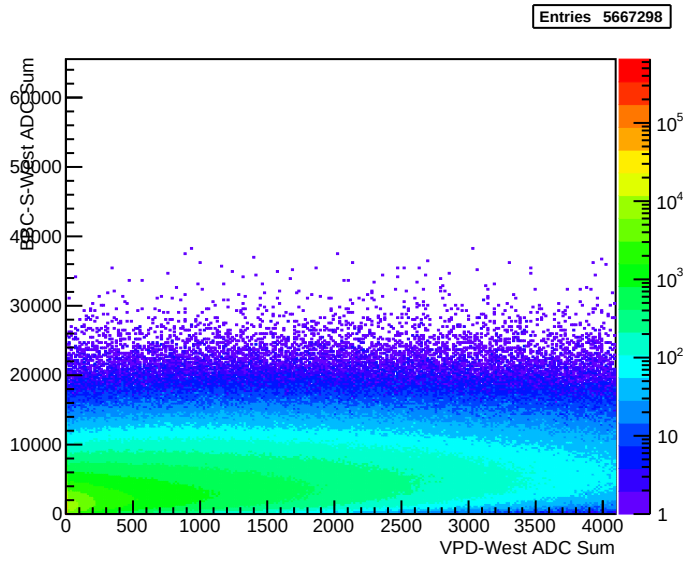

Entries 5667298
TOF Mult
ZDC-East ADC Sum Att

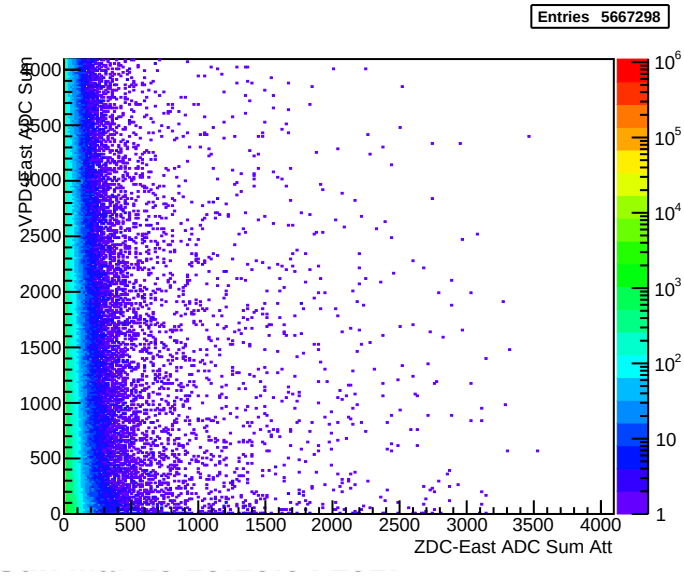

Entries 5667298
TOF Mult
ZDC-West ADC Sum Att

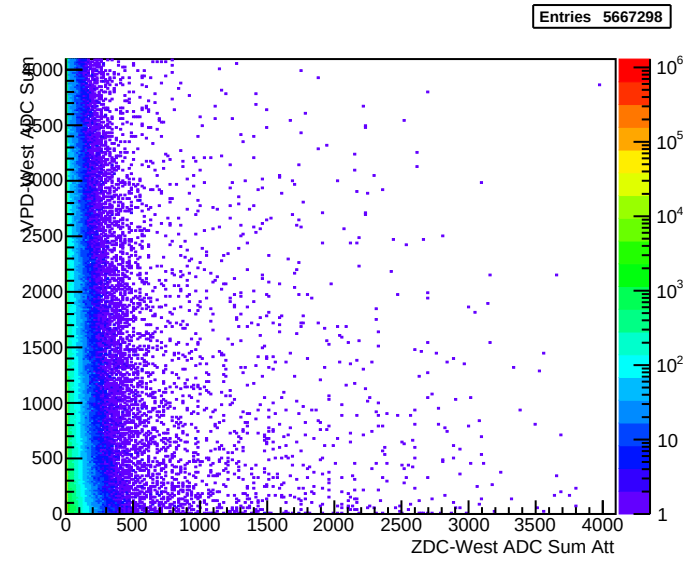

Entries 5667298
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

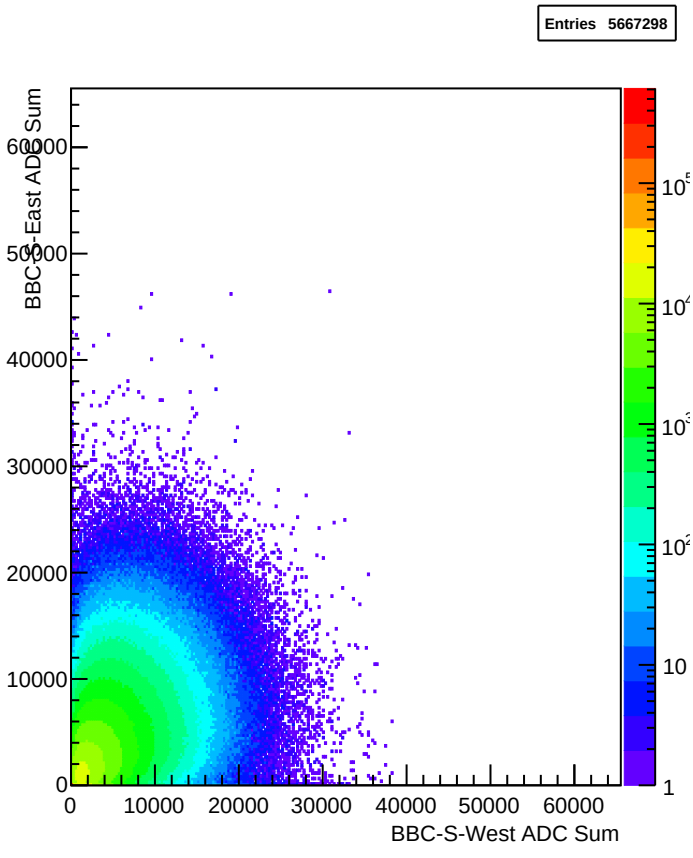

Entries 5667298
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

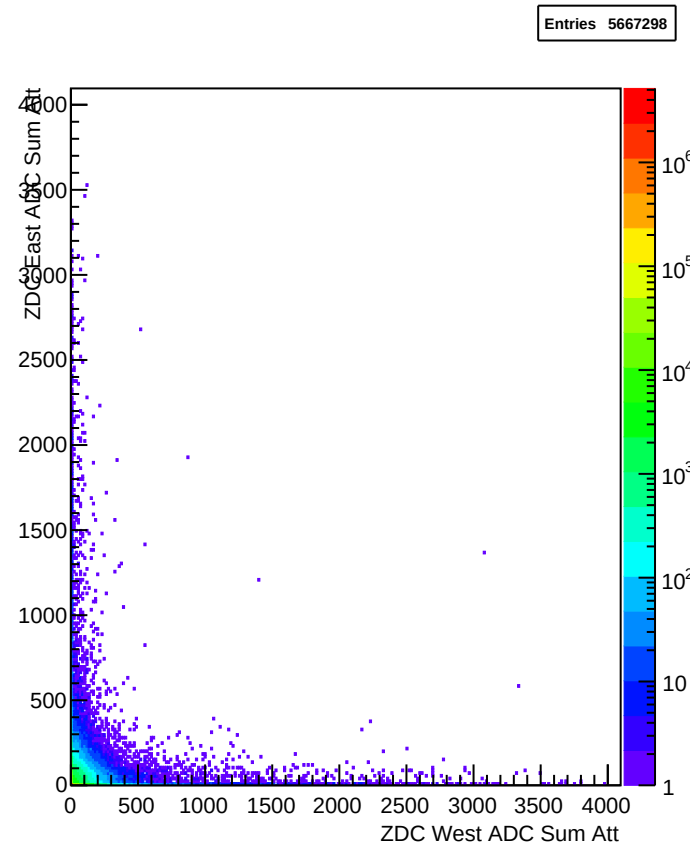

Entries 5667298
BBC-S-East ADC Sum
VPD-East ADC Sum

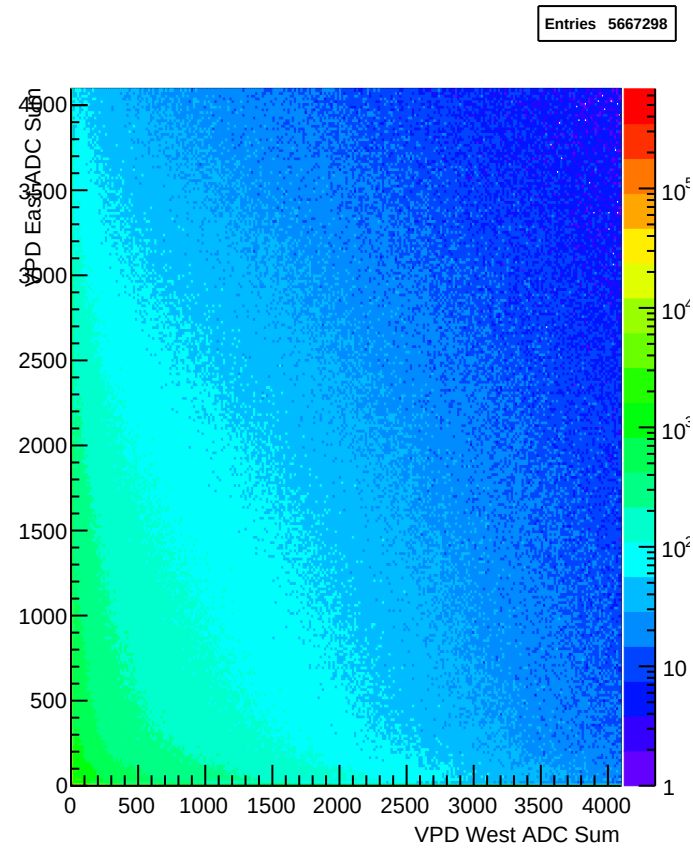

Entries 5667298
BBC-S-West ADC Sum
VPD-West ADC Sum

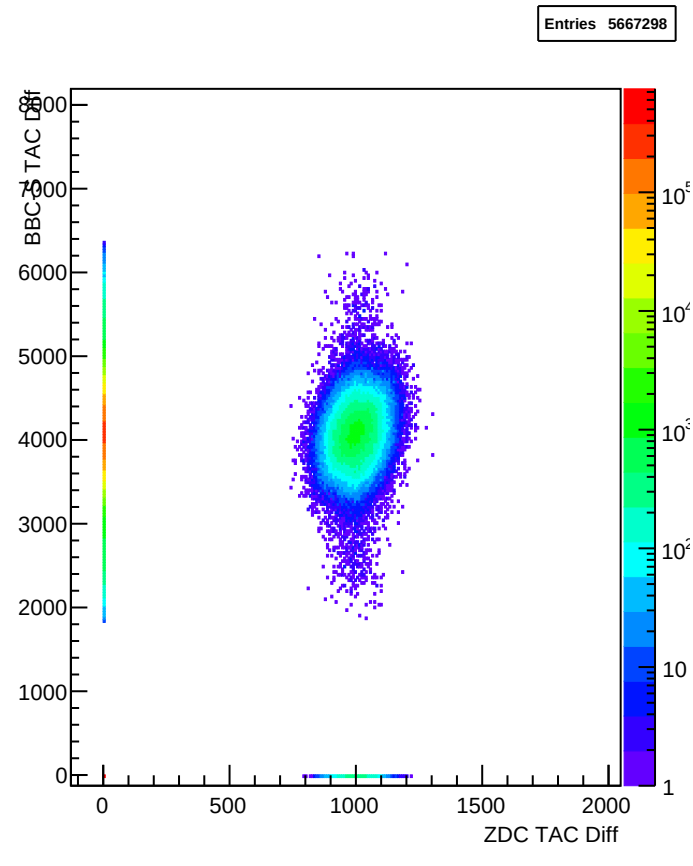

Entries 5667298
VPD-East ADC Sum
ZDC-East ADC Sum Att

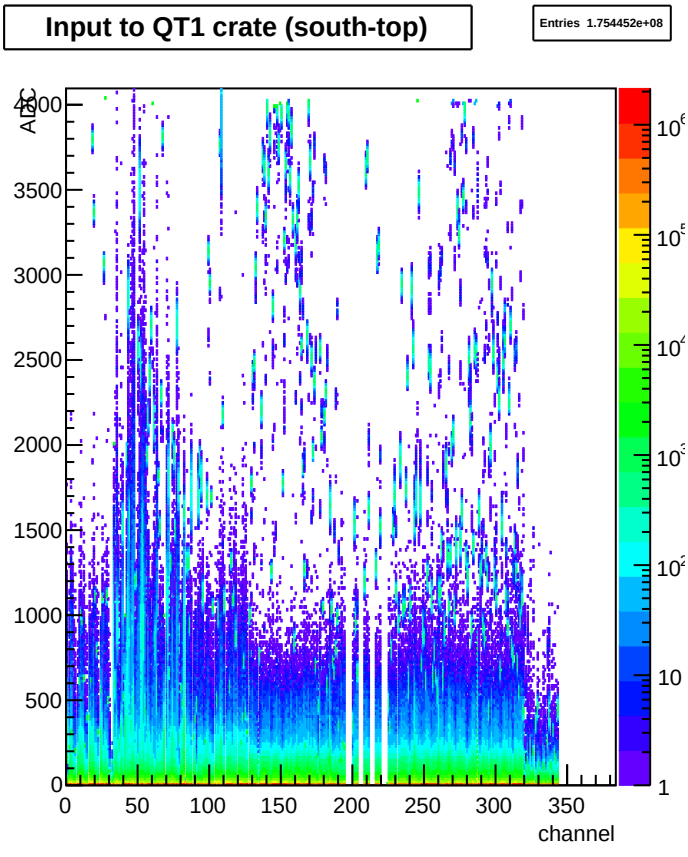

Entries 5667298
VPD-West ADC Sum
ZDC-West ADC Sum Att

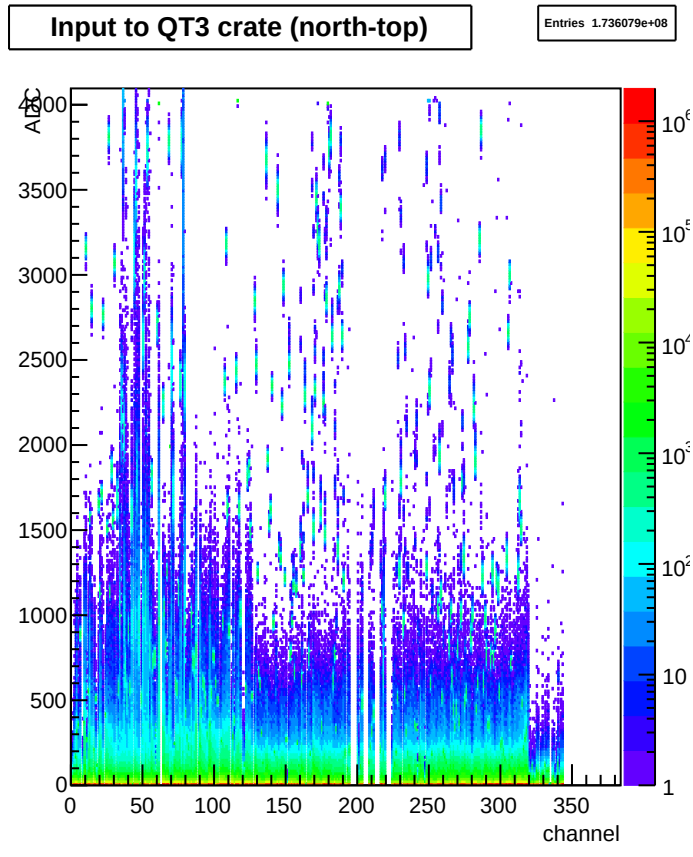

Entries 5667298
BBC-S-East ADC Sum
BBC-S-West ADC Sum

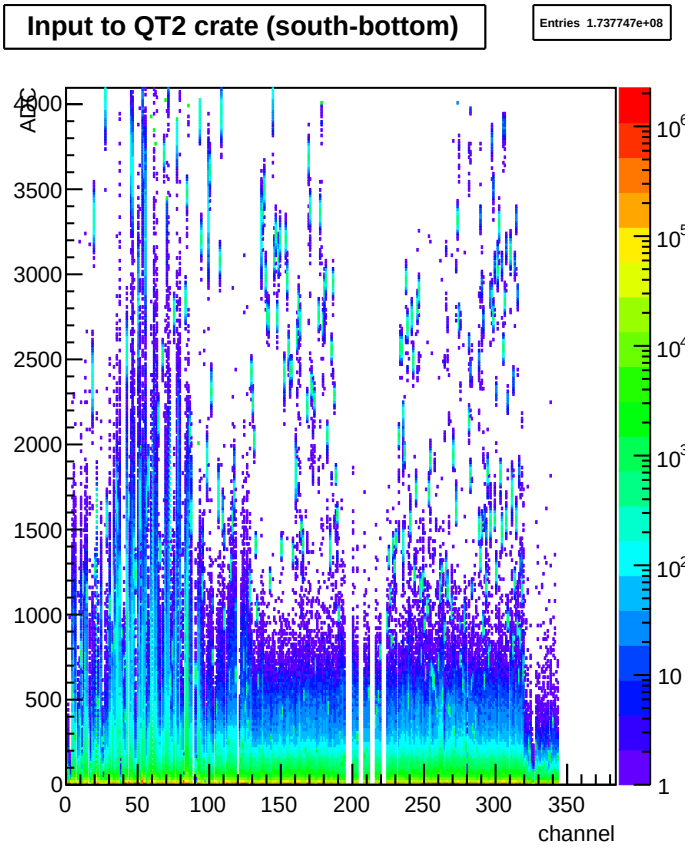

Entries 5667298
ZDC East ADC Sum Att
ZDC West ADC Sum Att

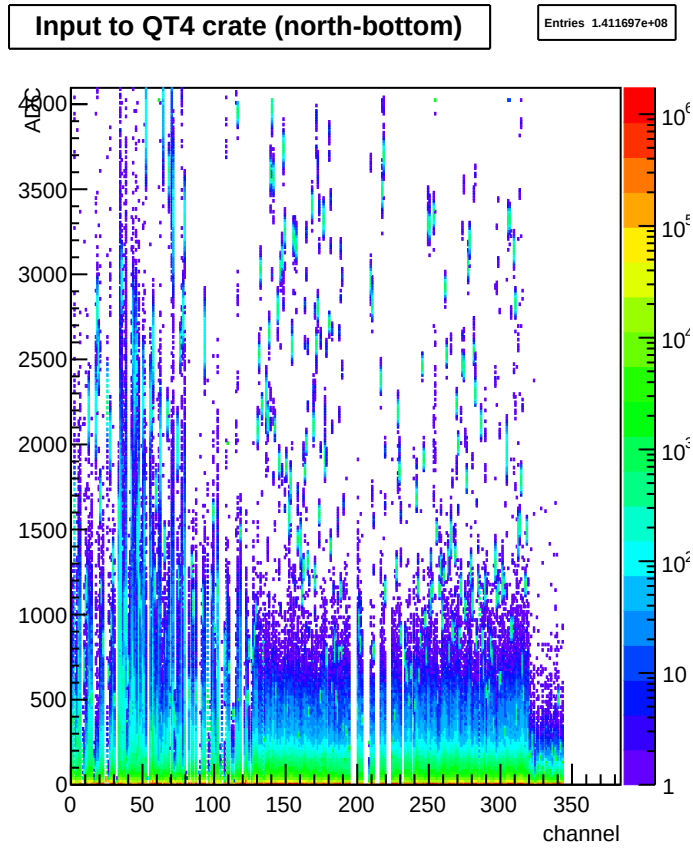

Entries 5667298
VPD East ADC Sum
VPD West ADC Sum

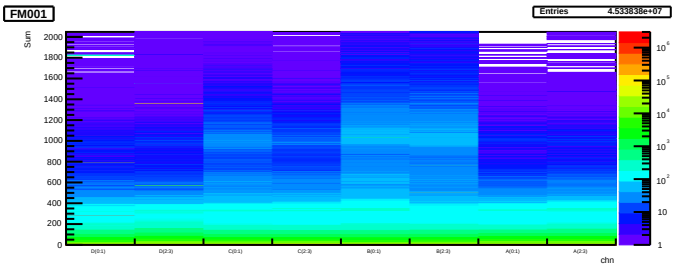

Entries 5667298
BBC-S TAC Diff
ZDC TAC Diff

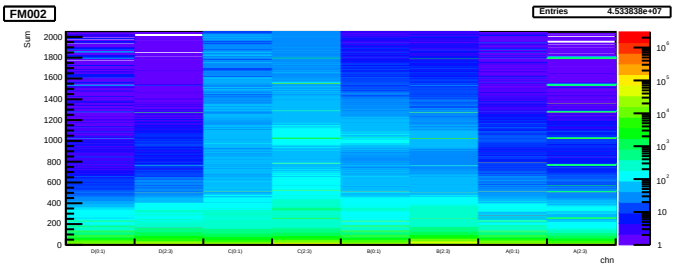

Input to QT1 crate (south-top)
Entries 1.754452e+08
ADC
channel

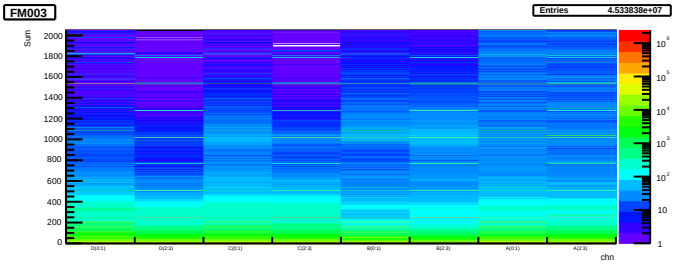

Input to QT3 crate (north-top)
Entries 1.736079e+08
ADC
channel

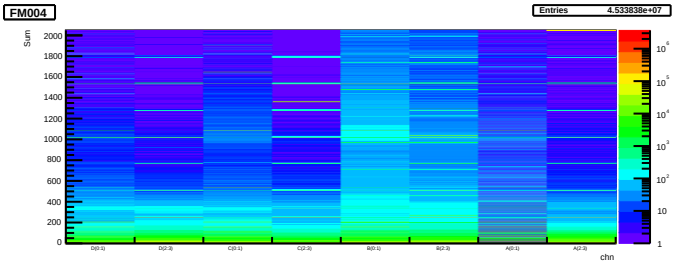

Input to QT2 crate (south-bottom)
Entries 1.737747e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.411697e+08
ADC
channel


FM001
Entries 4.533838e+07
Sum
chn


FM002
Entries 4.533838e+07
Sum
chn


FM003
Entries 4.533838e+07
Sum
chn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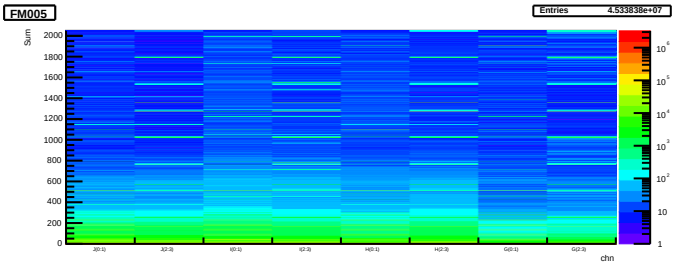
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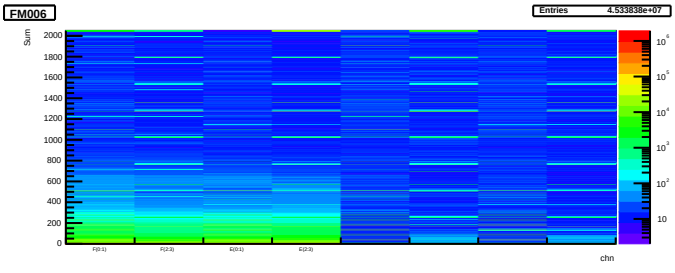
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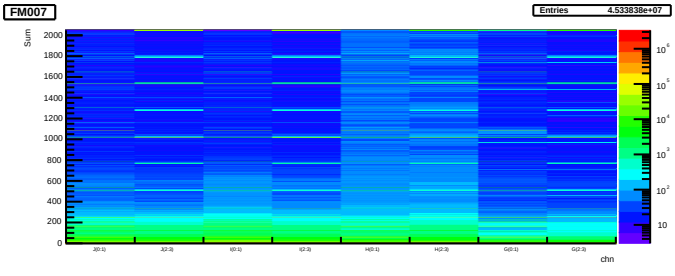
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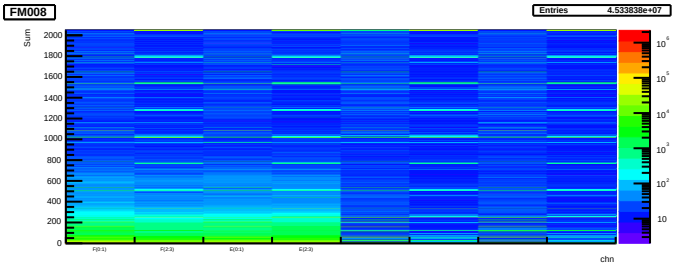
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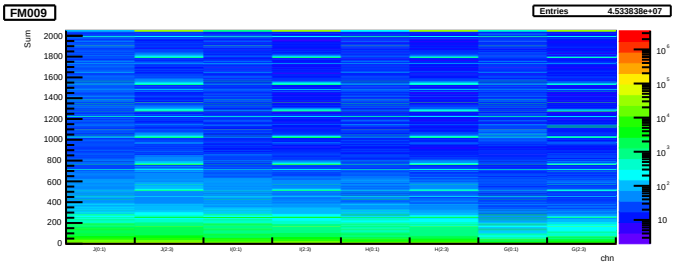
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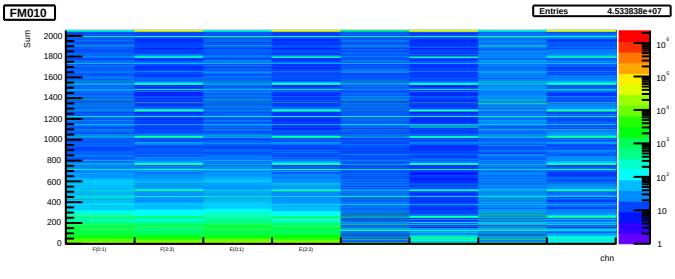
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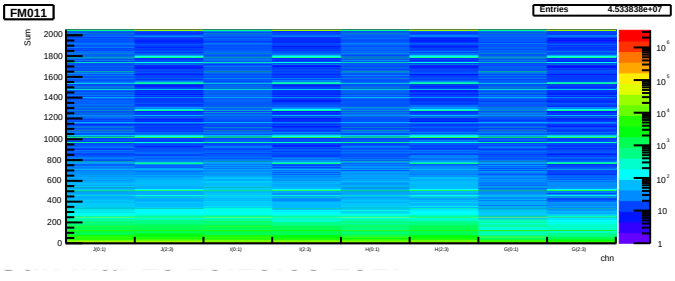
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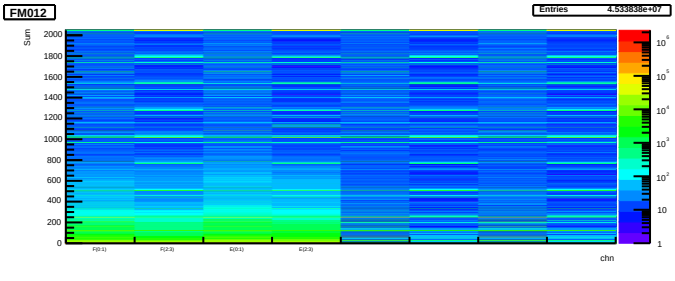
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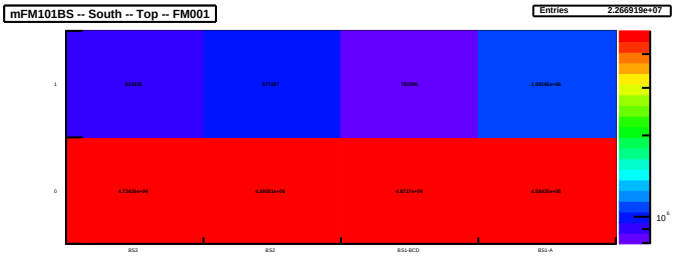
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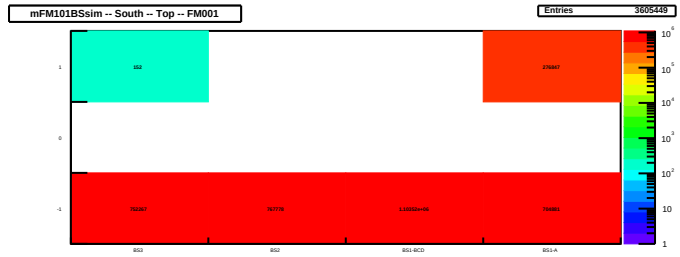
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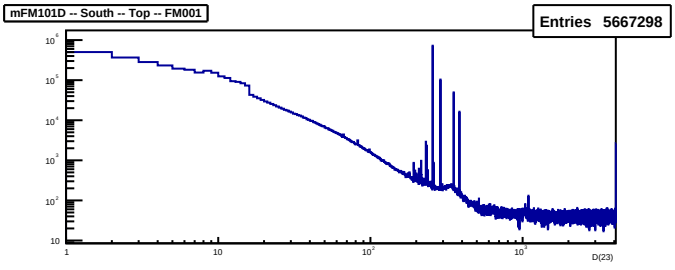
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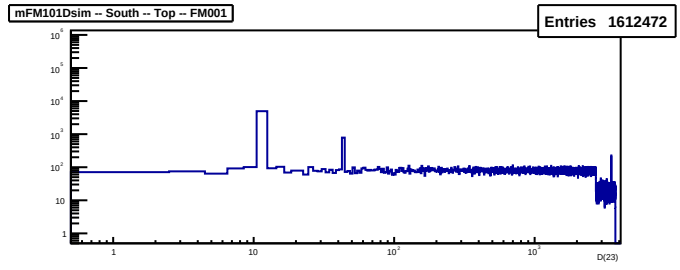
Entries 5667298
D(23)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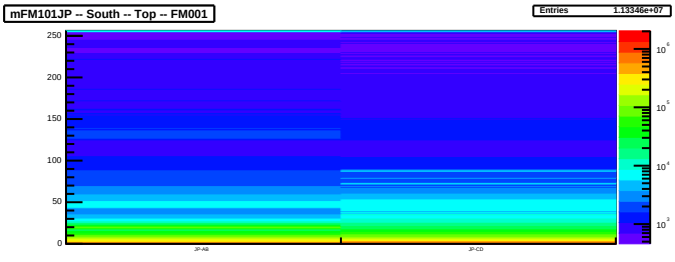
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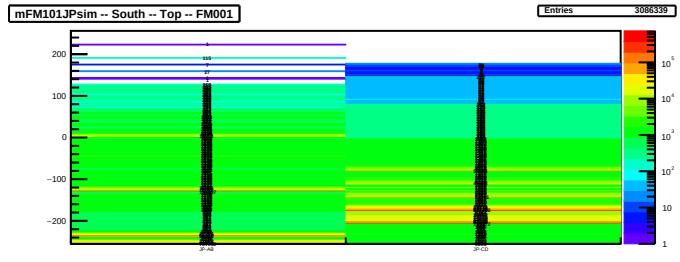
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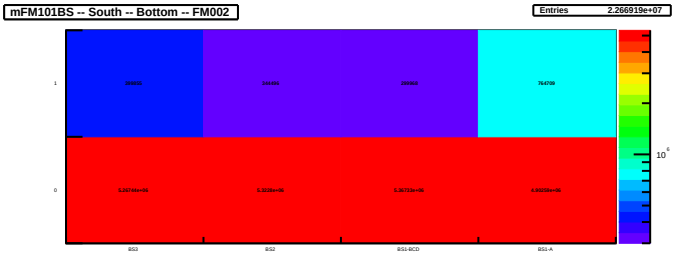
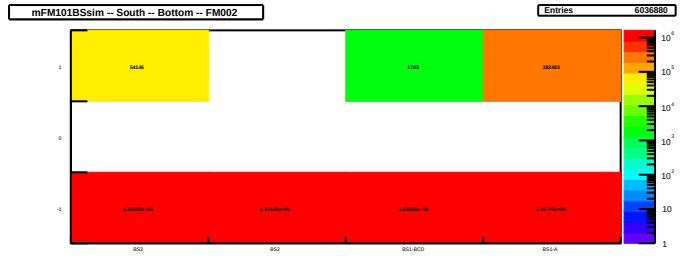

mFM101BS -- South -- Bottom -- FM002
Entries 2.266919e+07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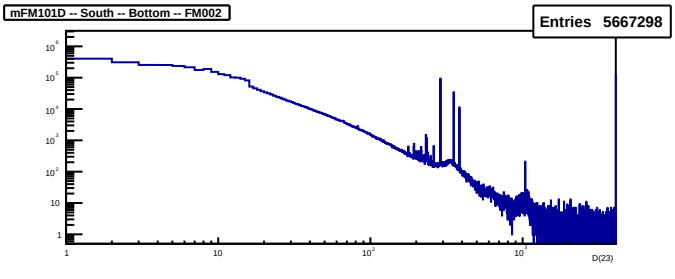
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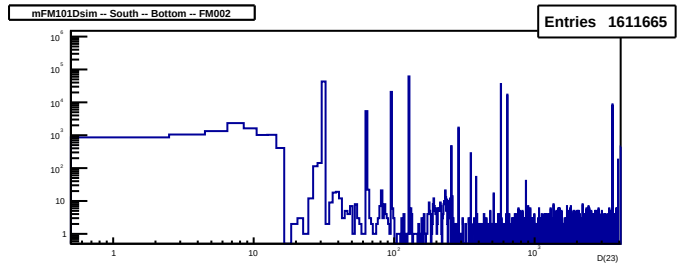
Entries 5667298
D(23)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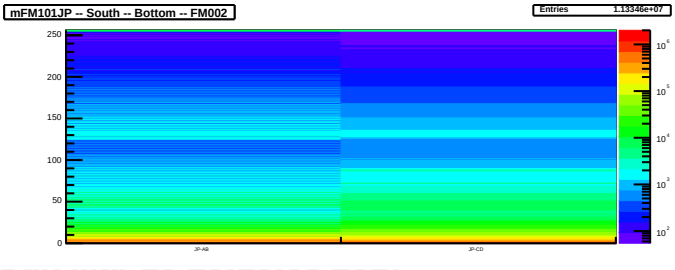
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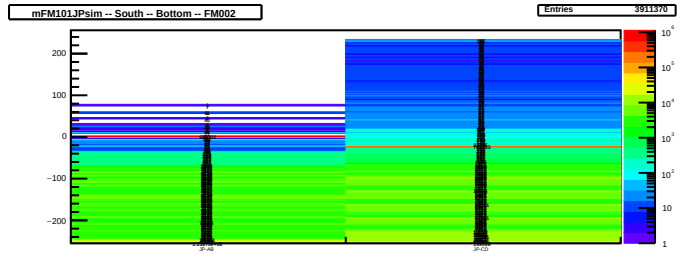
Entries 1.13346e+07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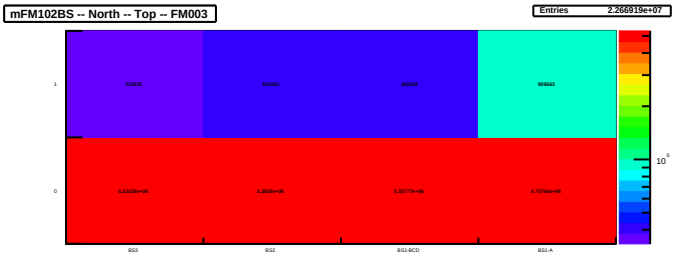
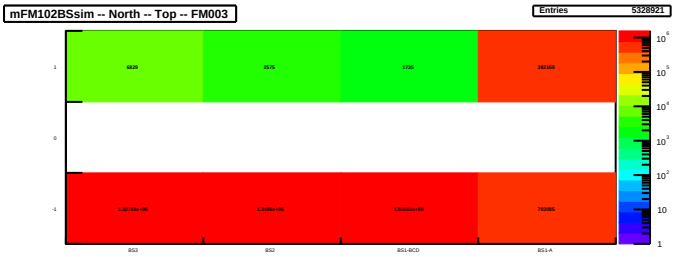

mFM102BS -- North -- Top -- FM003
Entries 2.266919e+07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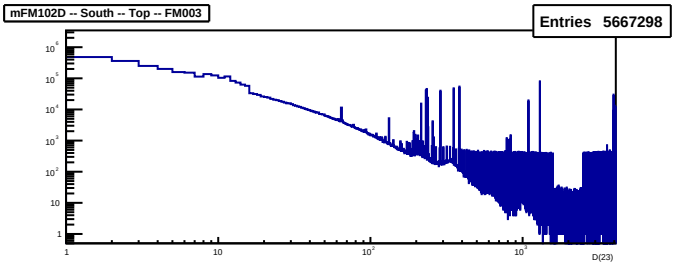
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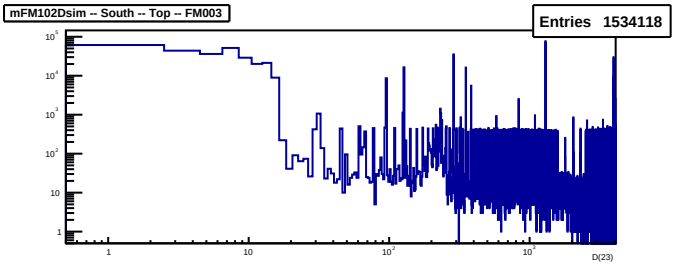
D(23)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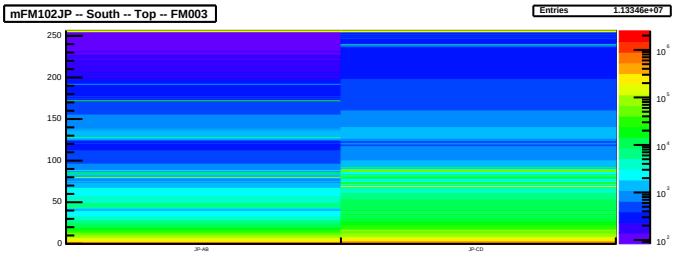
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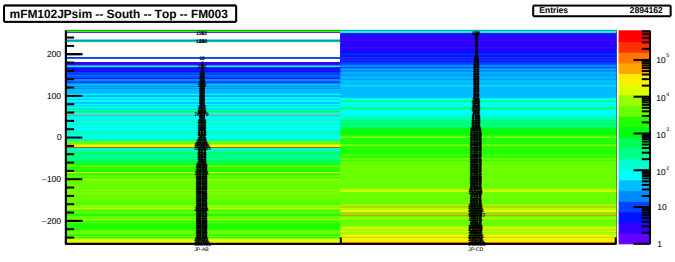
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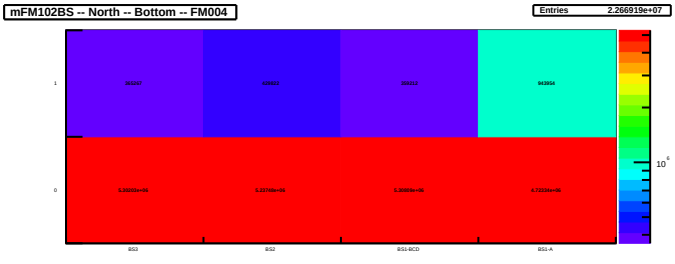
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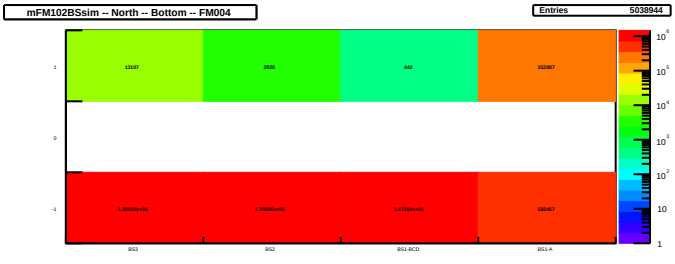
Entries 2.266919e+07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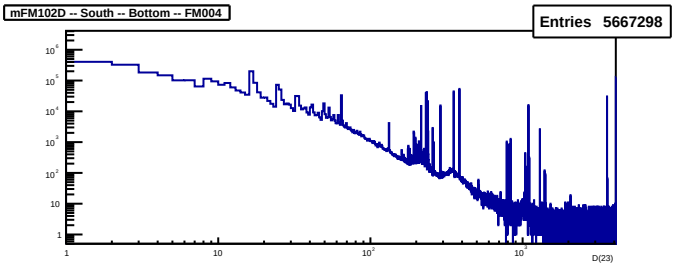
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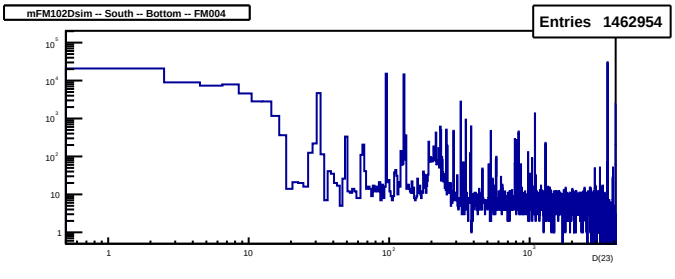
D(23)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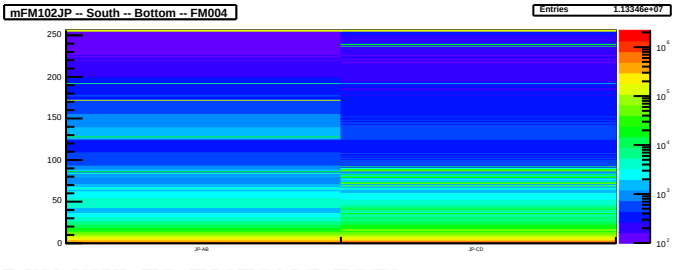
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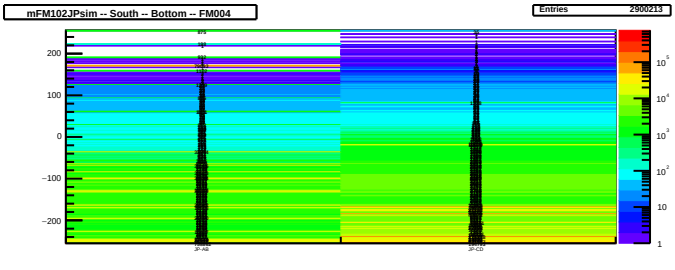
Entries 1.13346e+07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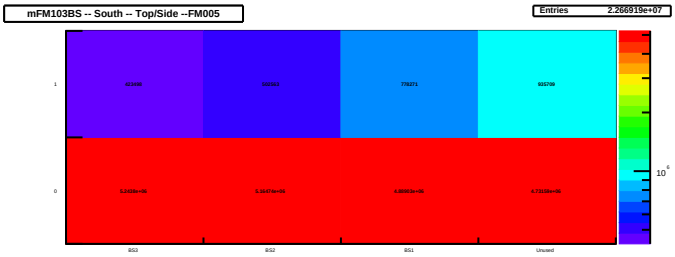
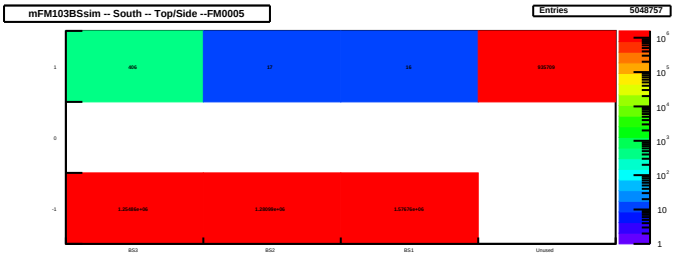

mFM103BS -- South -- Top/Side --FM005
Entries 2.266919e+07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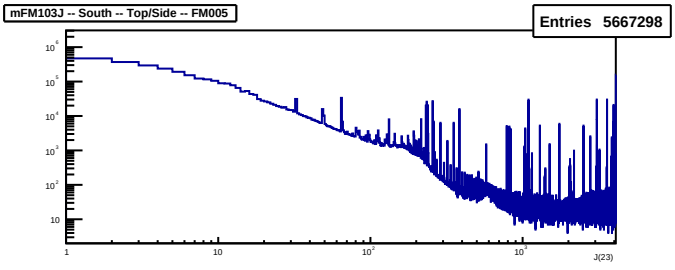
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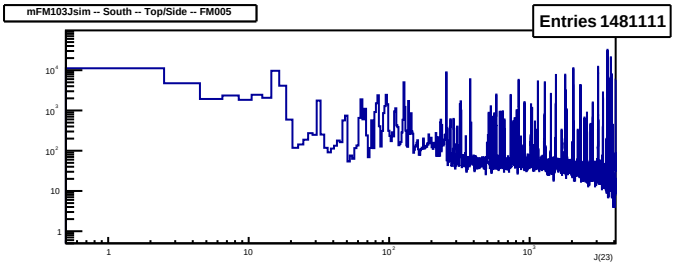
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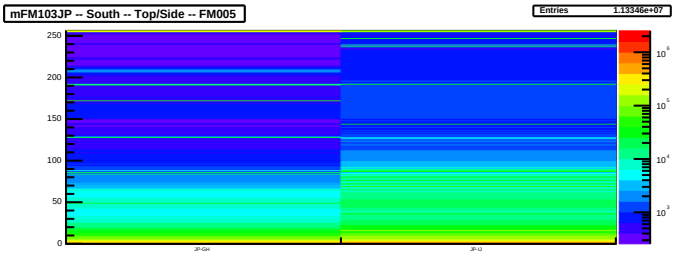
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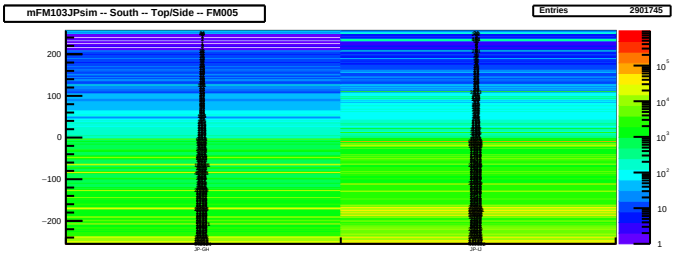
Entries 1.13346e+07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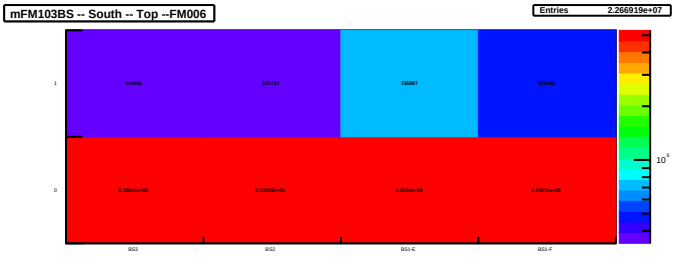
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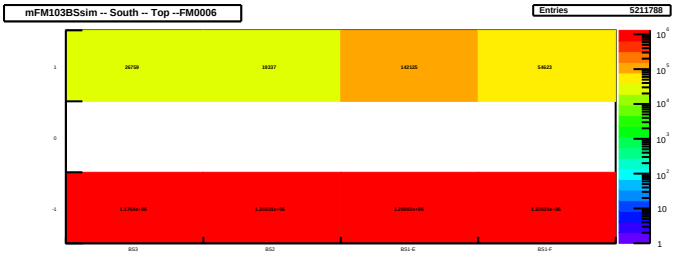
Entries 2.266919e+07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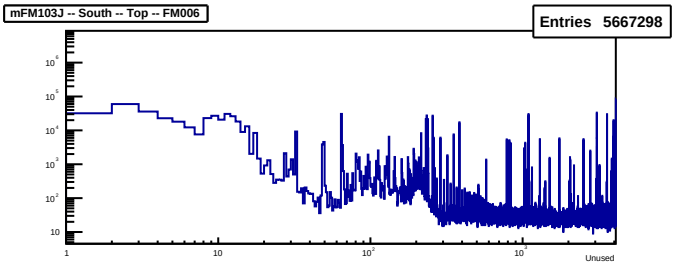
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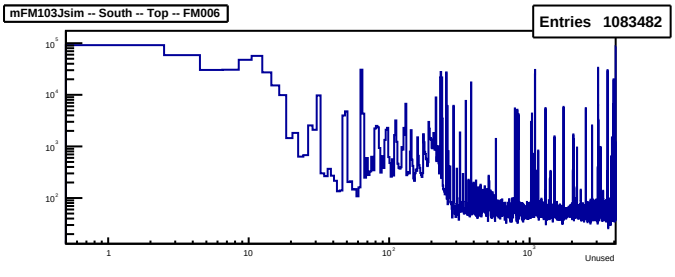
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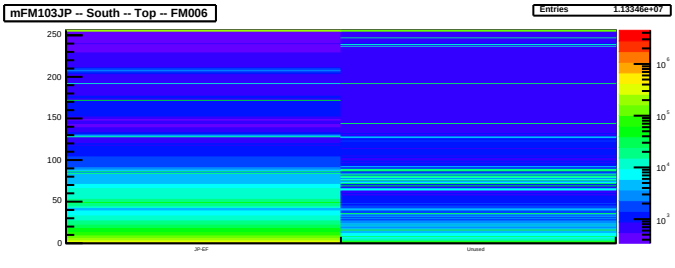
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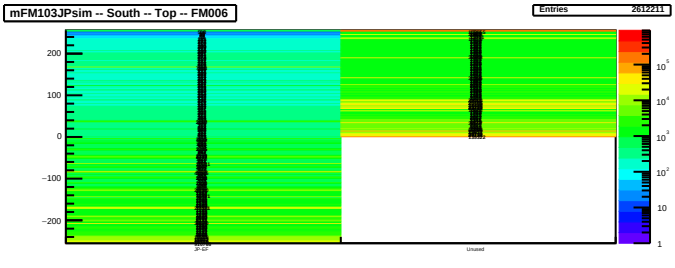
Entries 1.13346e+07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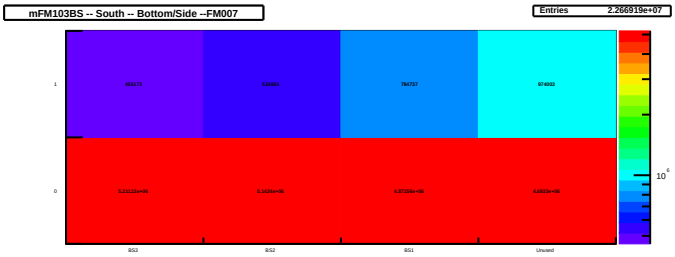
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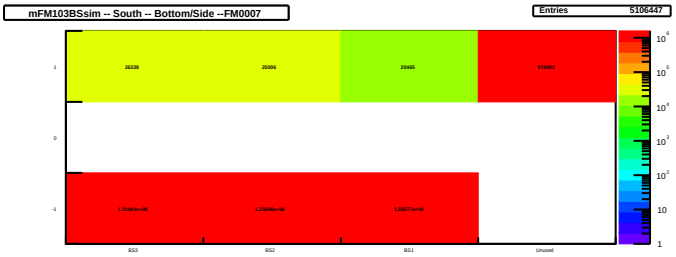
Entries 2.266919e+07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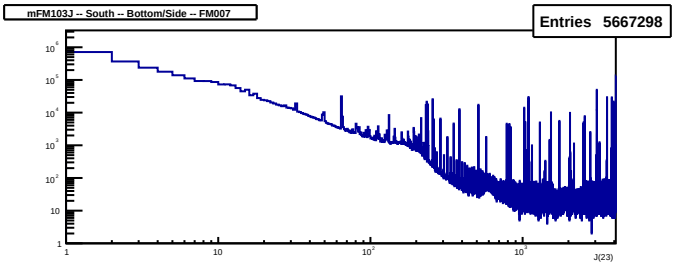
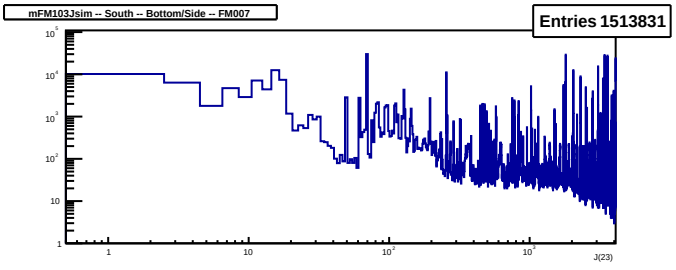

mFM103J -- South -- Bottom/Side -- FM007
Entries 5667298
J(23)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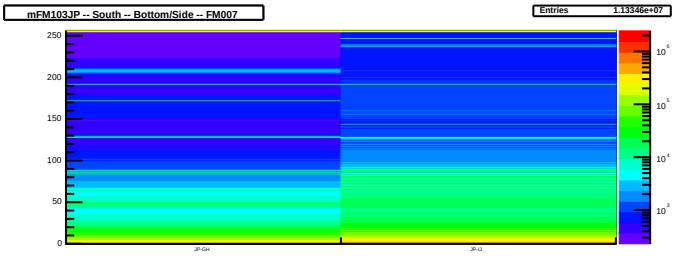
J(23)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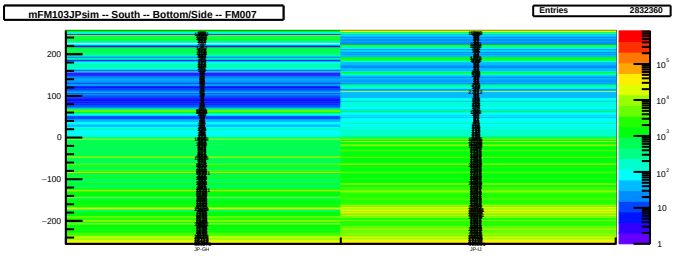
Entries 1.13346e+07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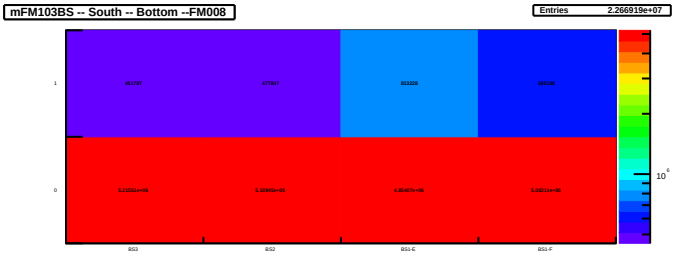
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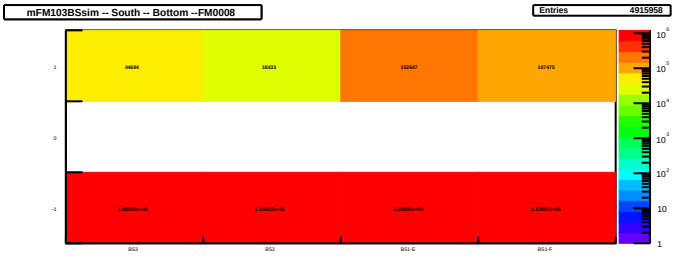
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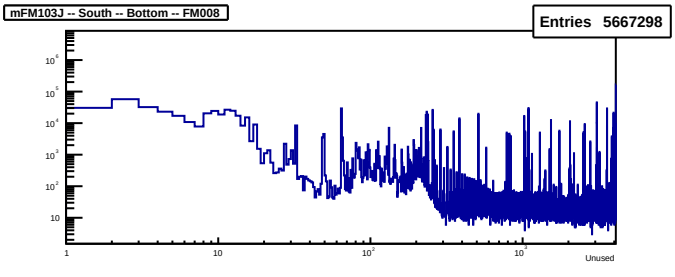
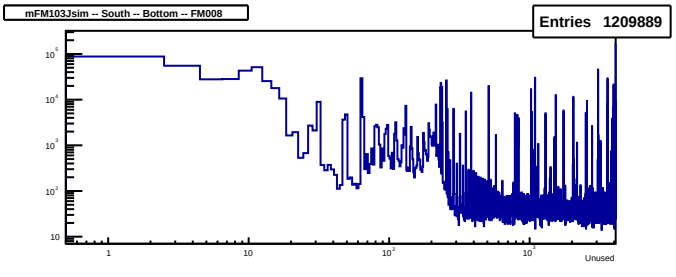
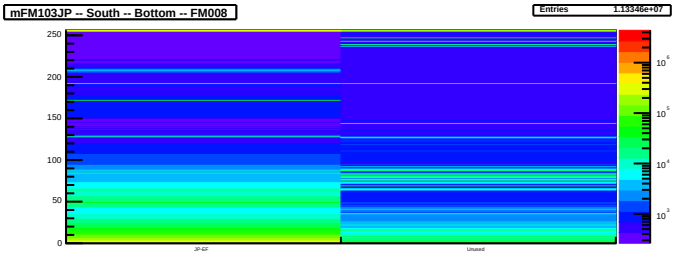
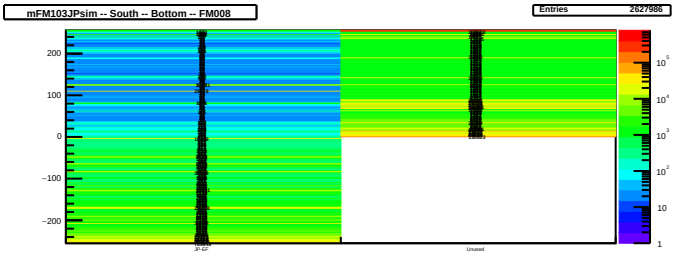
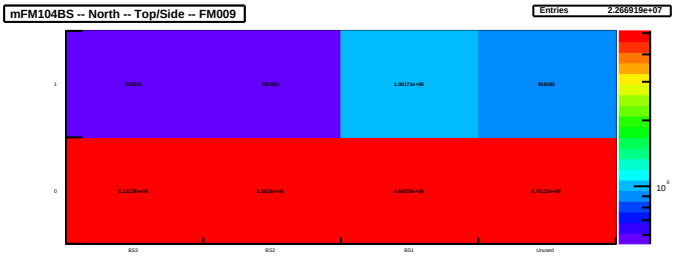
Entries 4915958

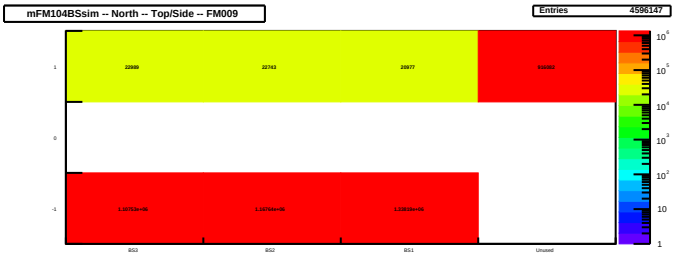

mFM103J -- South -- Bottom -- FM008
Entries 5667298
Unused

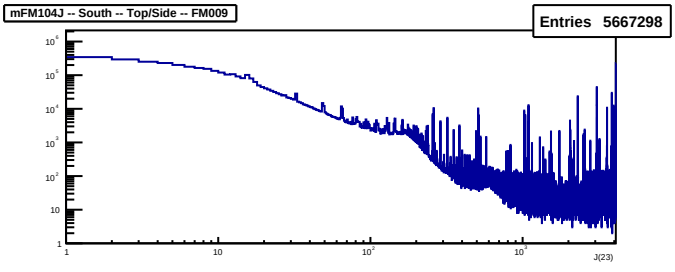

mFM103Jsim -- South -- Bottom -- FM008
Entries 1209889
Unused

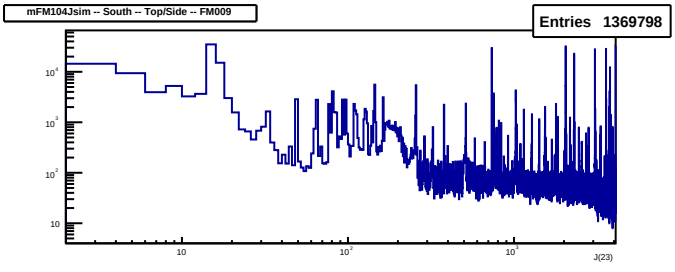

mFM103JP -- South -- Bottom -- FM008
Entries 1.13346e+07

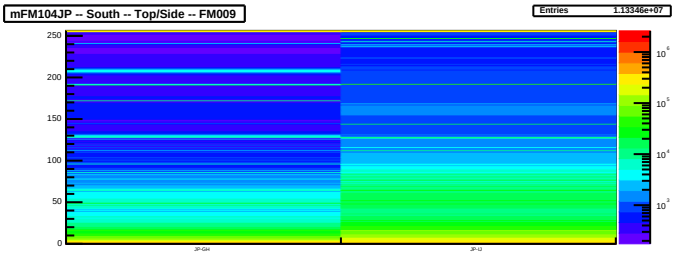

mFM103JPsim -- South -- Bottom -- FM008
Entries 2627986

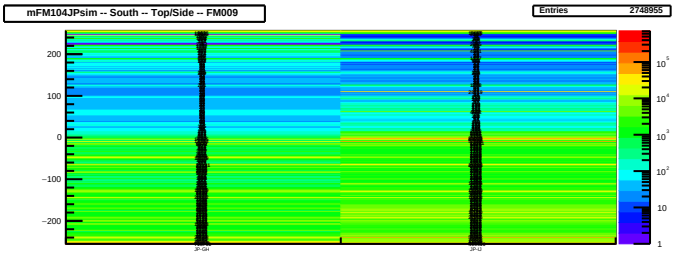

mFM104BS -- North -- Top/Side -- FM009
Entries 2.266919e+07
BS3
BS2
BS1
Unused

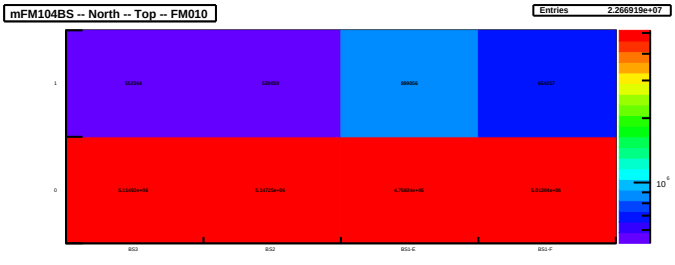

mFM104BSsim -- North -- Top/Side -- FM009
Entries 4596147
BS3
BS2
BS1
Unused

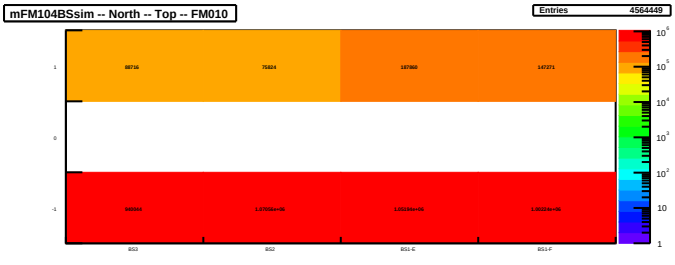

mFM104J -- South -- Top/Side -- FM009
Entries 5667298
J(23)

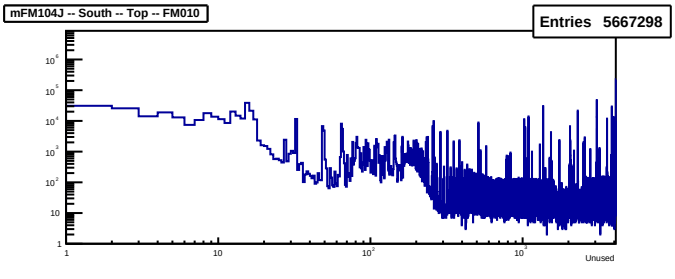

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1369798
J(23)

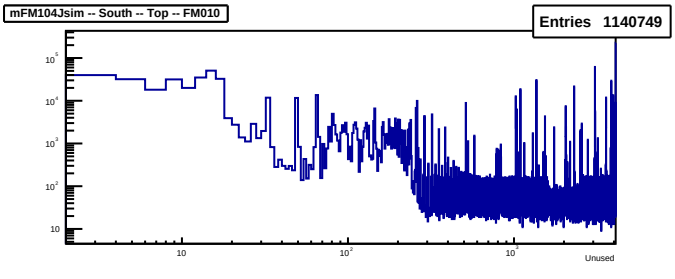

mFM104JP -- South -- Top/Side -- FM009
Entries 1.13346e+07
JP-GH
JP-IJ

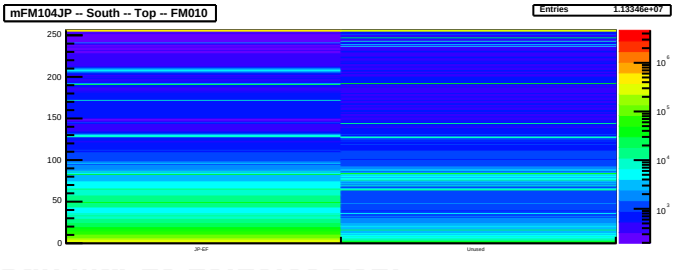

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2748955
JP-GH
JP-IJ

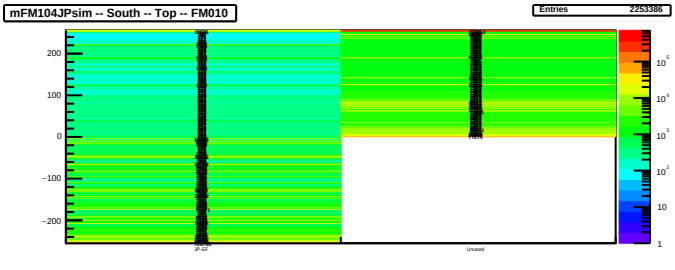

mFM104BS -- North -- Top -- FM010
Entries 2.266919e+07
BS3
BS2
BS1-E
BS1-F

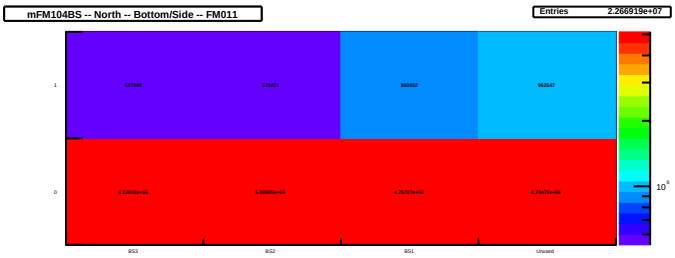

mFM104BSsim -- North -- Top -- FM010
Entries 4564449
BS3
BS2
BS1-E
BS1-F

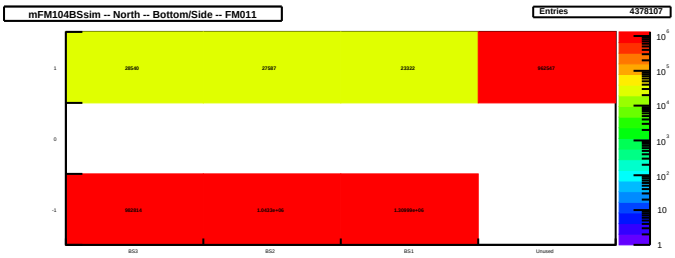

mFM104J -- South -- Top -- FM010
Entries 5667298
Unused

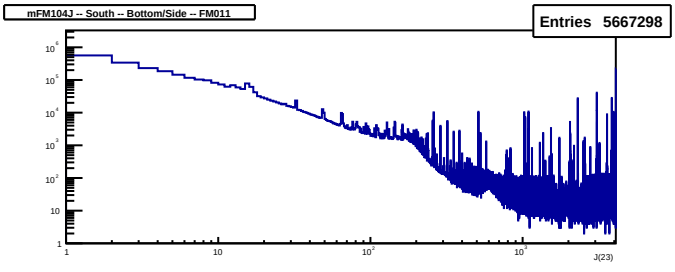

mFM104Jsim -- South -- Top -- FM010
Entries 1140749
Unused

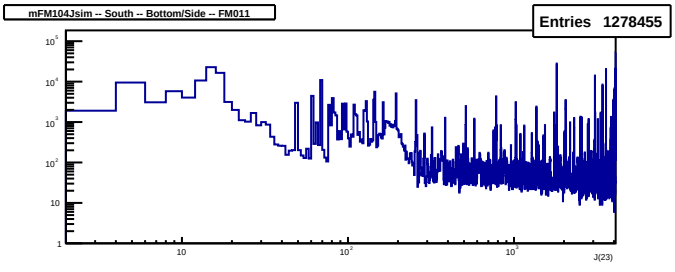

mFM104JP -- South -- Top -- FM010
Entries 1.13346e+07
JP-EF
Unused

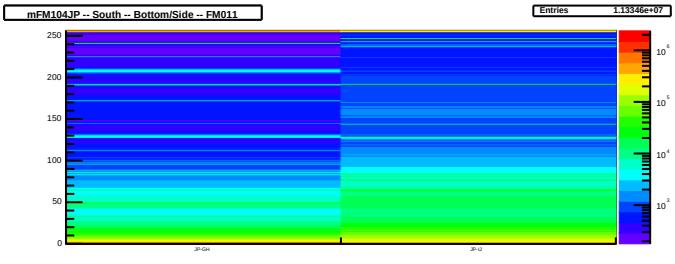

mFM104JPsim -- South -- Top -- FM010
Entries 2253386
JP-EF
Unused

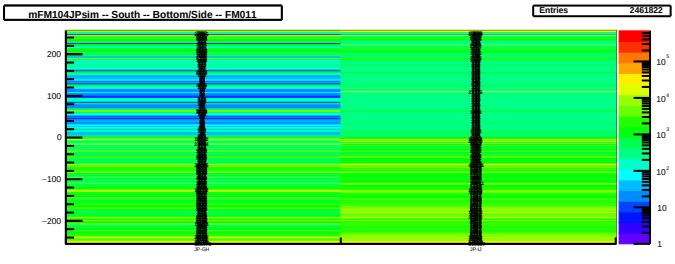

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.266919e+07
BS3
BS2
BS1
Unused

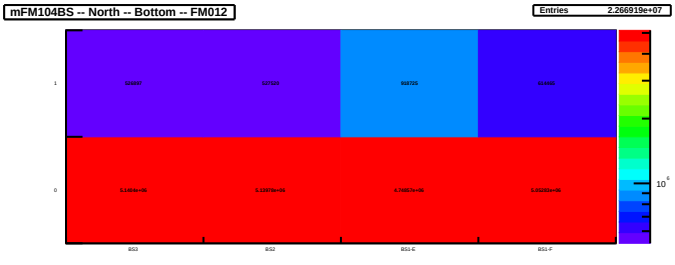

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4378107
BS3
BS2
BS1
Unused

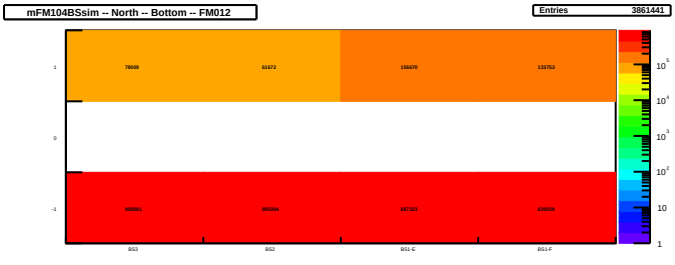

mFM104J -- South -- Bottom/Side -- FM011
Entries 5667298
J(23)

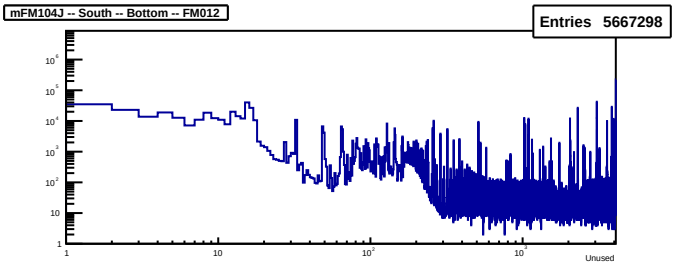

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1278455
J(23)

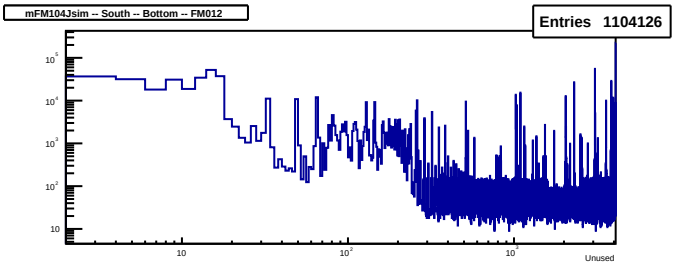

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.13346e+07
JP-G4
JP-I2

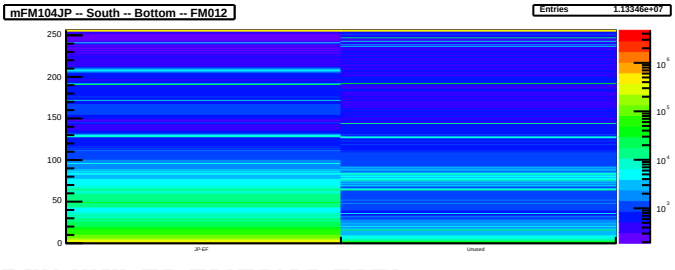

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2461822
JP-G4
JP-I2

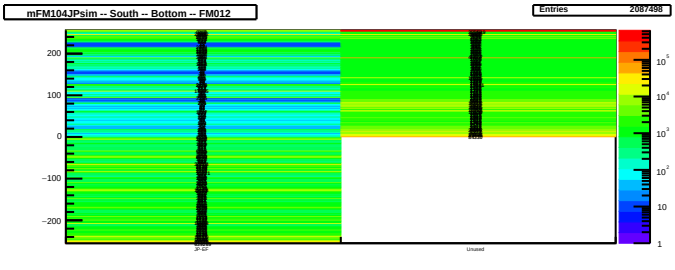

mFM104BS -- North -- Bottom -- FM012
Entries 2.266919e+07
BS3
BS2
BS1-E
BS1-F

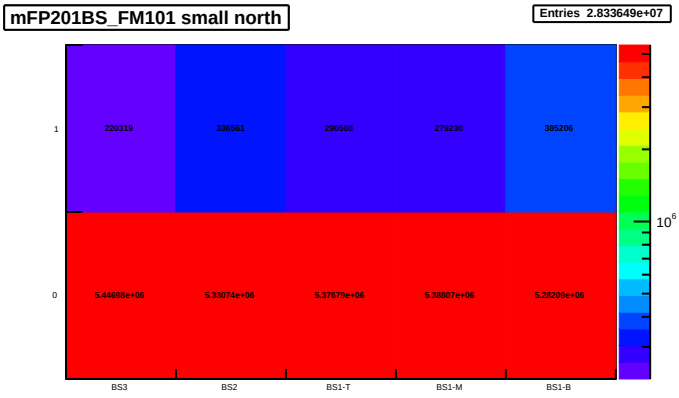

mFM104BSsim -- North -- Bottom -- FM012
Entries 3861441
BS3
BS2
BS1-E
BS1-F

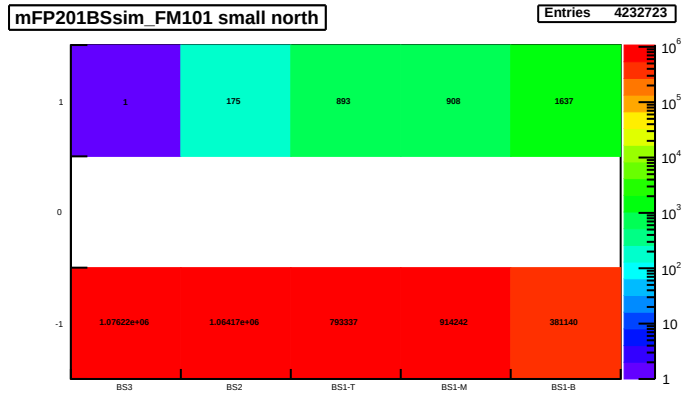

mFM104J -- South -- Bottom -- FM012
Entries 5667298
Unused

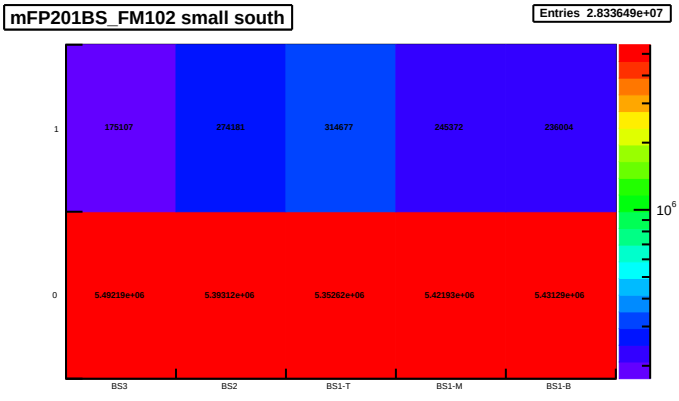

mFM104Jsim -- South -- Bottom -- FM012
Entries 1104126
Unused

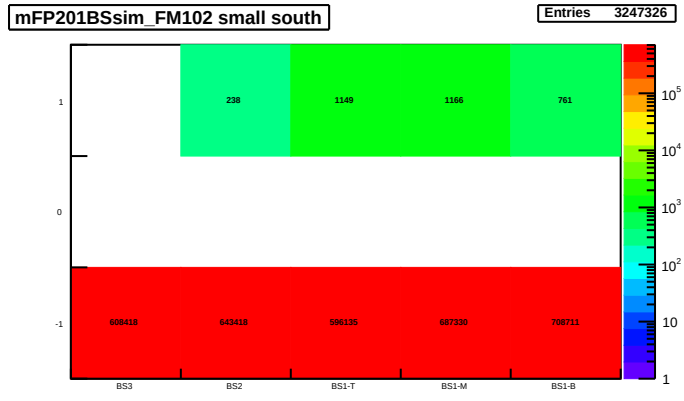

mFM104JP -- South -- Bottom -- FM012
Entries 1.13346e+07
JP-E2
Unused

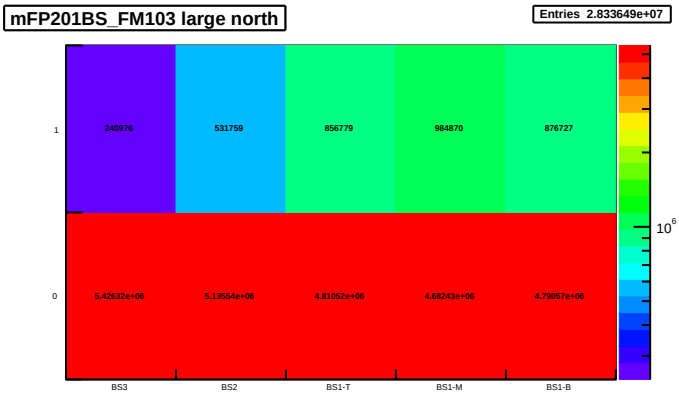

mFM104JPsim -- South -- Bottom -- FM012
Entries 2087498
JP-E2
Unused

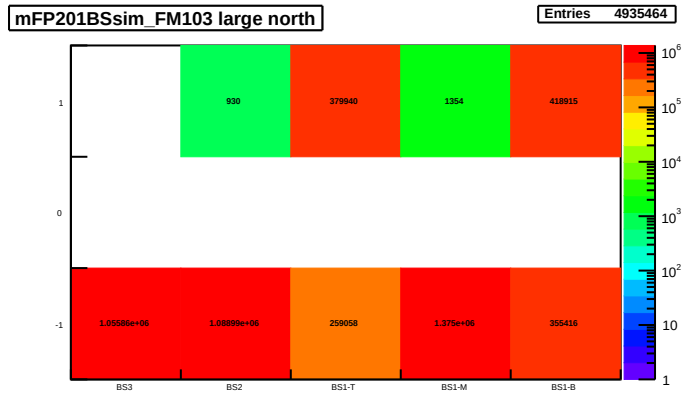

mFP201BS_FM101 small north
Entries 2.833649e+07
1
0
220319
336561
290508
279230
385206
5.44698e+06
5.33074e+06
5.37679e+06
5.38807e+06
5.28209e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

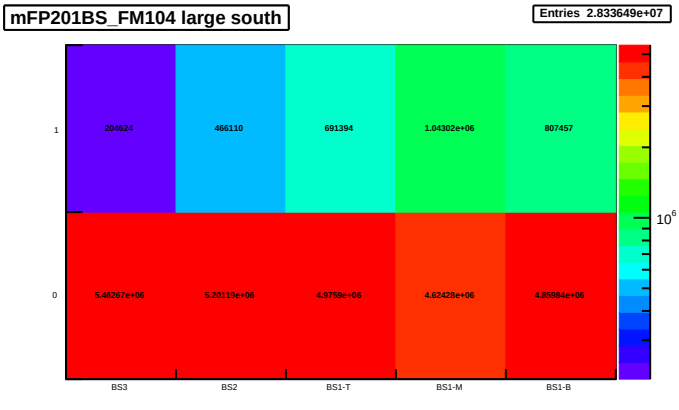

mFP201BSsim_FM101 small north
Entries 4232723
1
0
-1
1
175
893
908
1637
1.07622e+06
1.06417e+06
793337
914242
381140
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

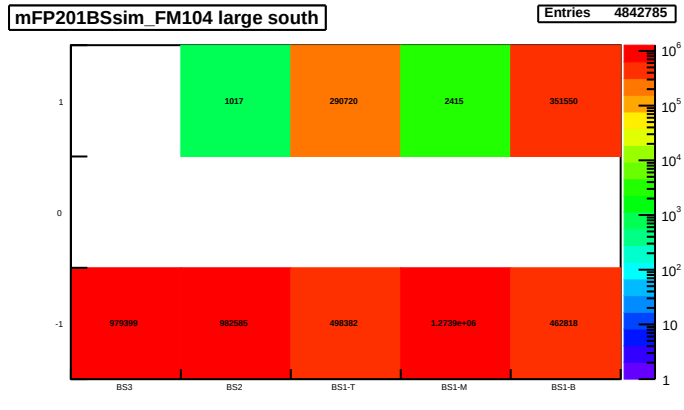

mFP201BS_FM102 small south
Entries 2.833649e+07
1
0
175107
274181
314677
245372
236004
5.49219e+06
5.39312e+06
5.35262e+06
5.42193e+06
5.43129e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

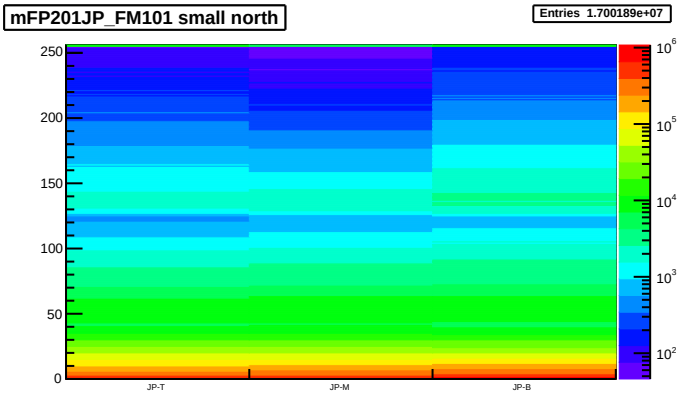

mFP201BSsim_FM102 small south
Entries 3247326
1
0
-1
238
1149
1166
761
608418
643418
596135
687330
708711
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

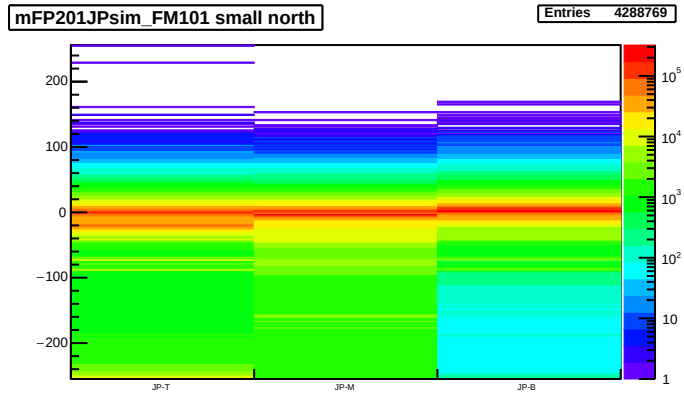

mFP201BS_FM103 large north
Entries 2.833649e+07
1
0
240976
531759
856779
984870
876727
5.42632e+06
5.13554e+06
4.81052e+06
4.68243e+06
4.79057e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

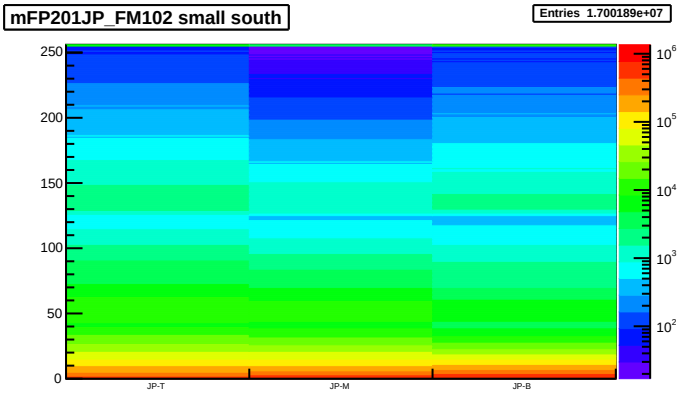

mFP201BSsim_FM103 large north
Entries 4935464
1
0
-1
930
379940
1354
418915
1.05586e+06
1.08899e+06
259058
1.375e+06
355416
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

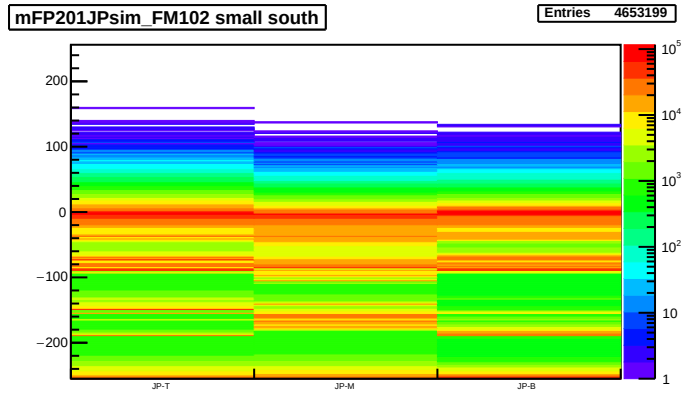

mFP201BS_FM104 large south
Entries 2.833649e+07
1
0
204624
466110
691394
1.04302e+06
807457
5.46267e+06
5.20119e+06
4.9759e+06
4.62428e+06
4.85984e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

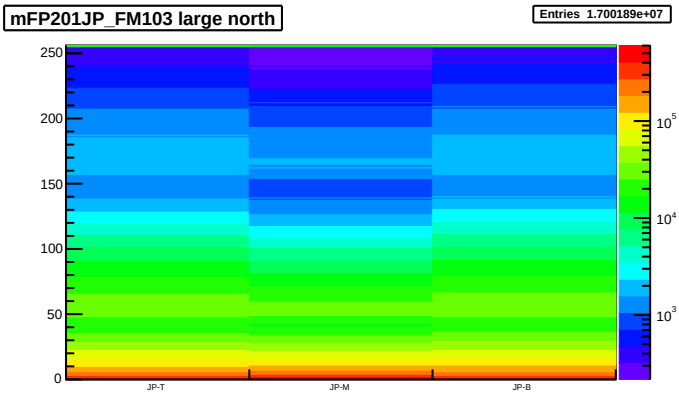

mFP201BSsim_FM104 large south
Entries 4842785
1
0
-1
1017
290720
2415
351550
979399
982585
498382
1.2739e+06
462818
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

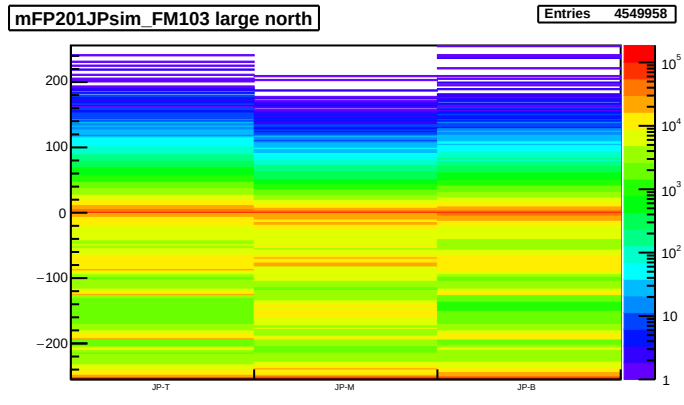

mFP201JP_FM101 small north
Entries 1.700189e+07
JP-T
JP-M
JP-B

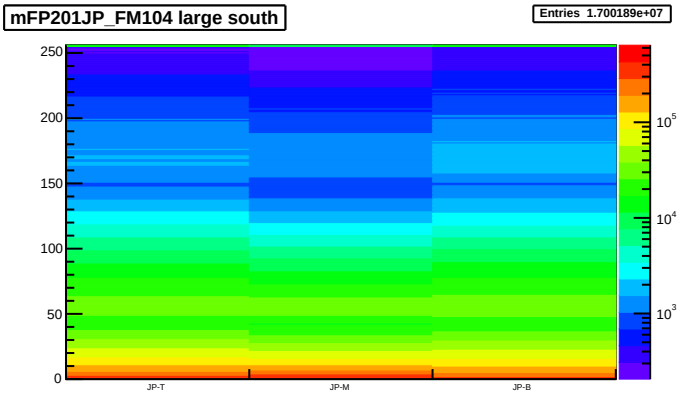

mFP201JPsim_FM101 small north
Entries 4288769
JP-T
JP-M
JP-B

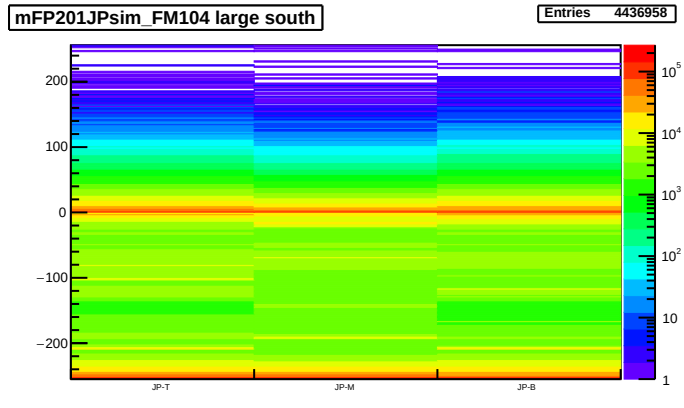

mFP201JP_FM102 small south
Entries 1.700189e+07
JP-T
JP-M
JP-B

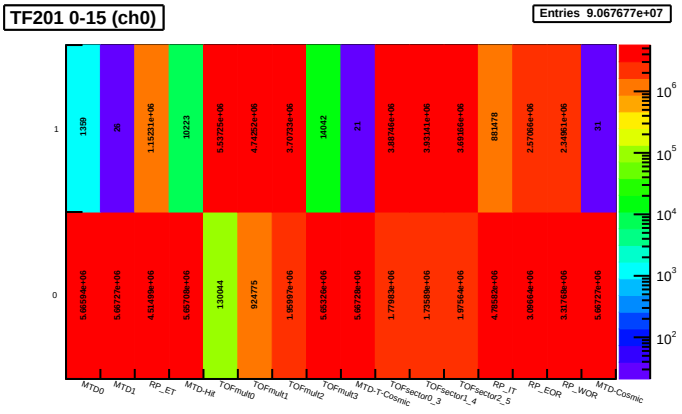

mFP201JPsim_FM102 small south
Entries 4653199
JP-T
JP-M
JP-B

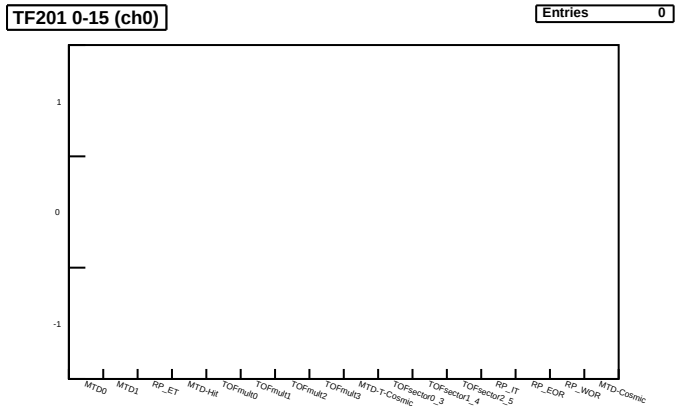

mFP201JP_FM103 large north
Entries 1.700189e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 4549958
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.700189e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 4436958
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 9.067677e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic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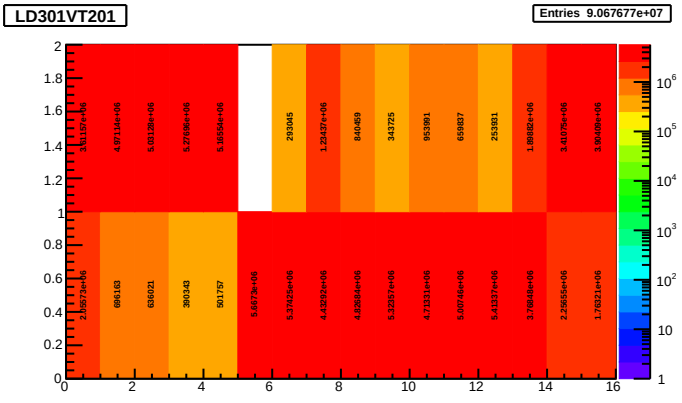
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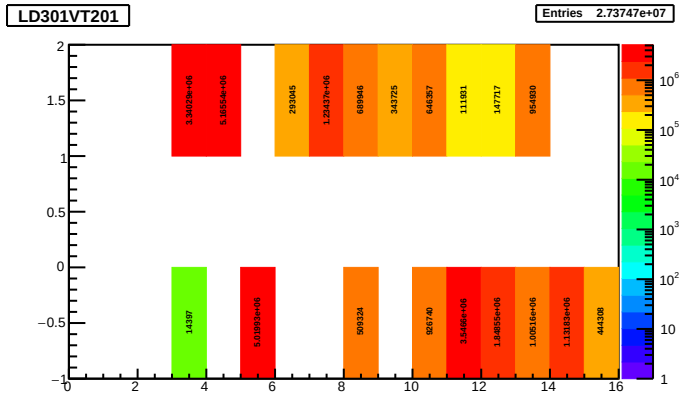
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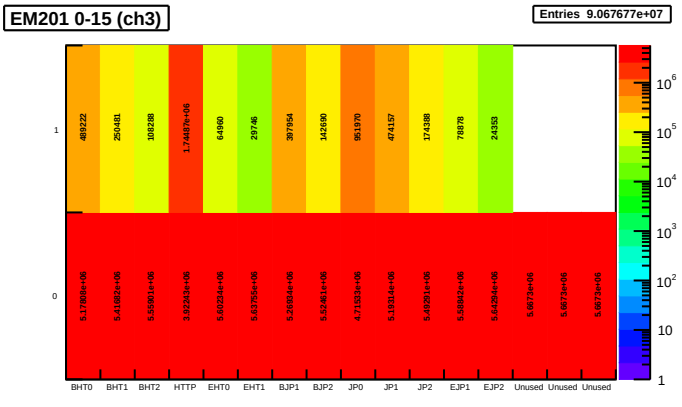
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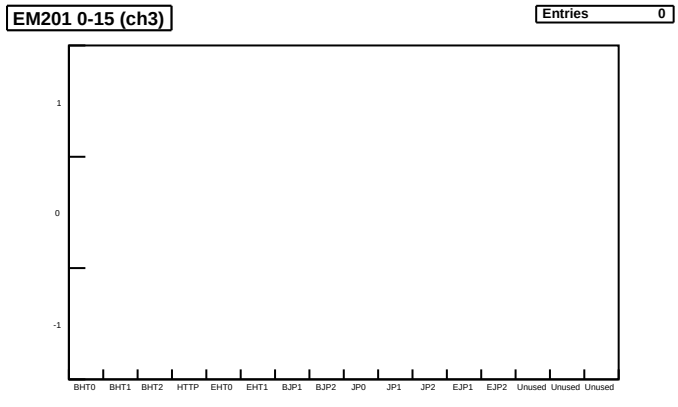
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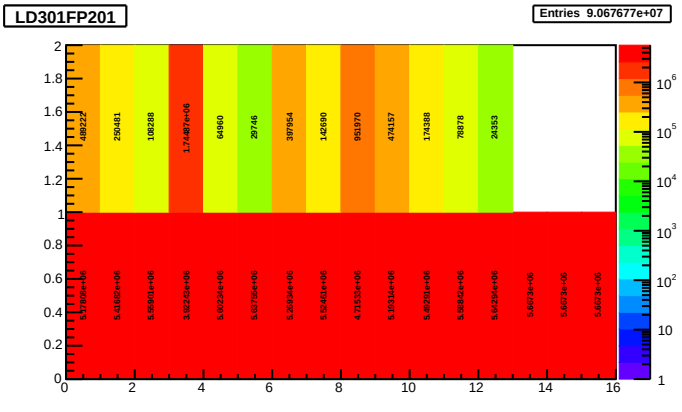
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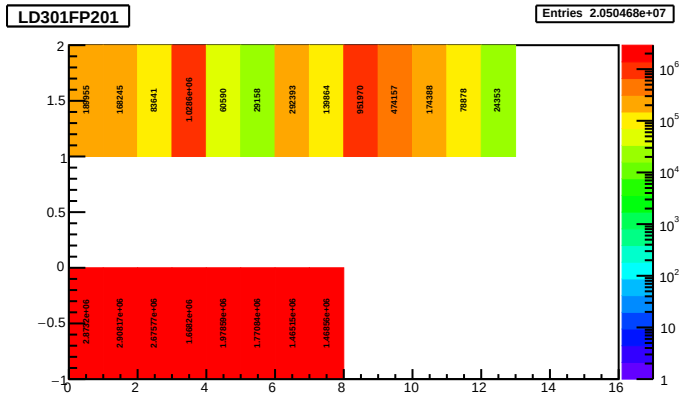
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