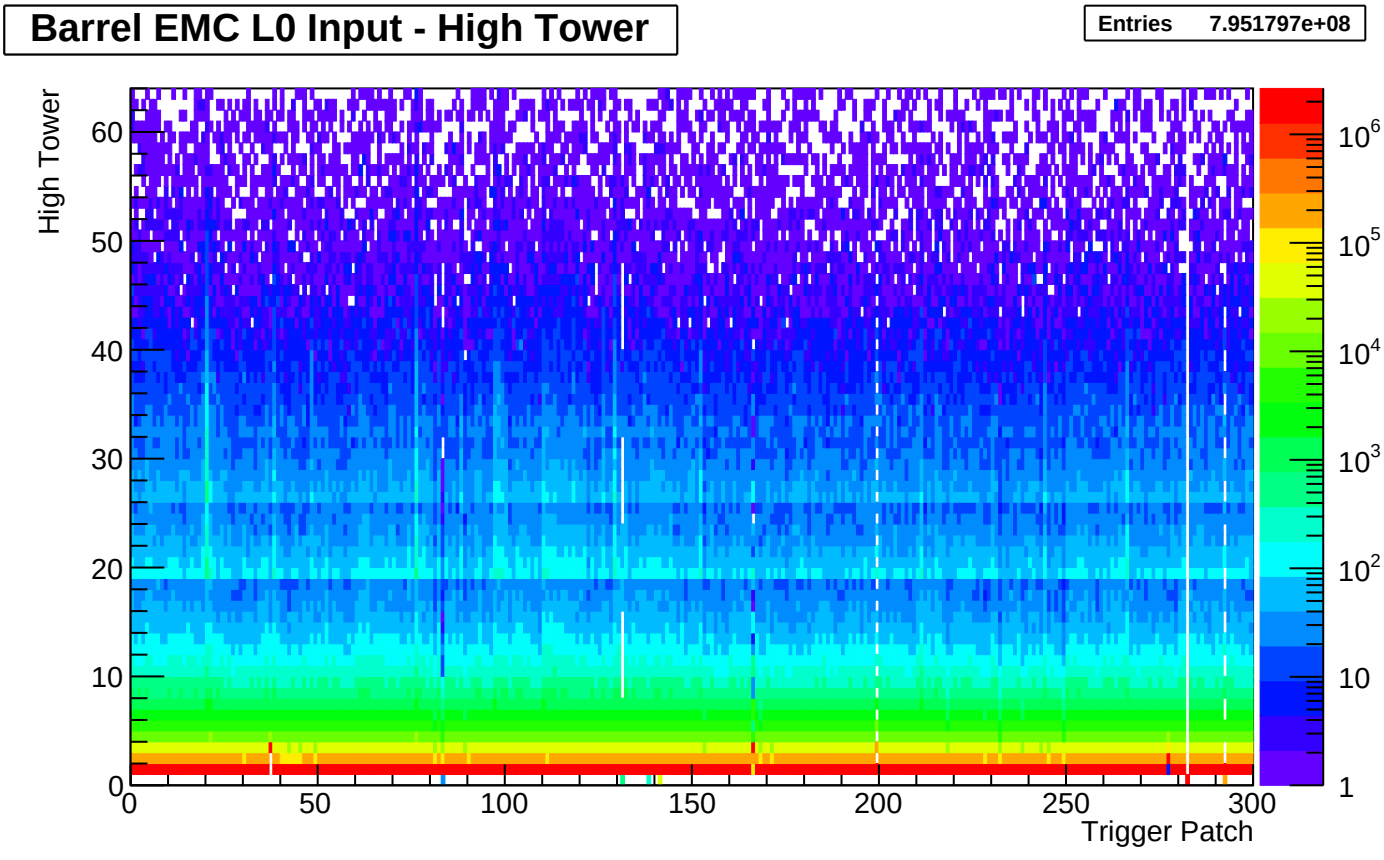
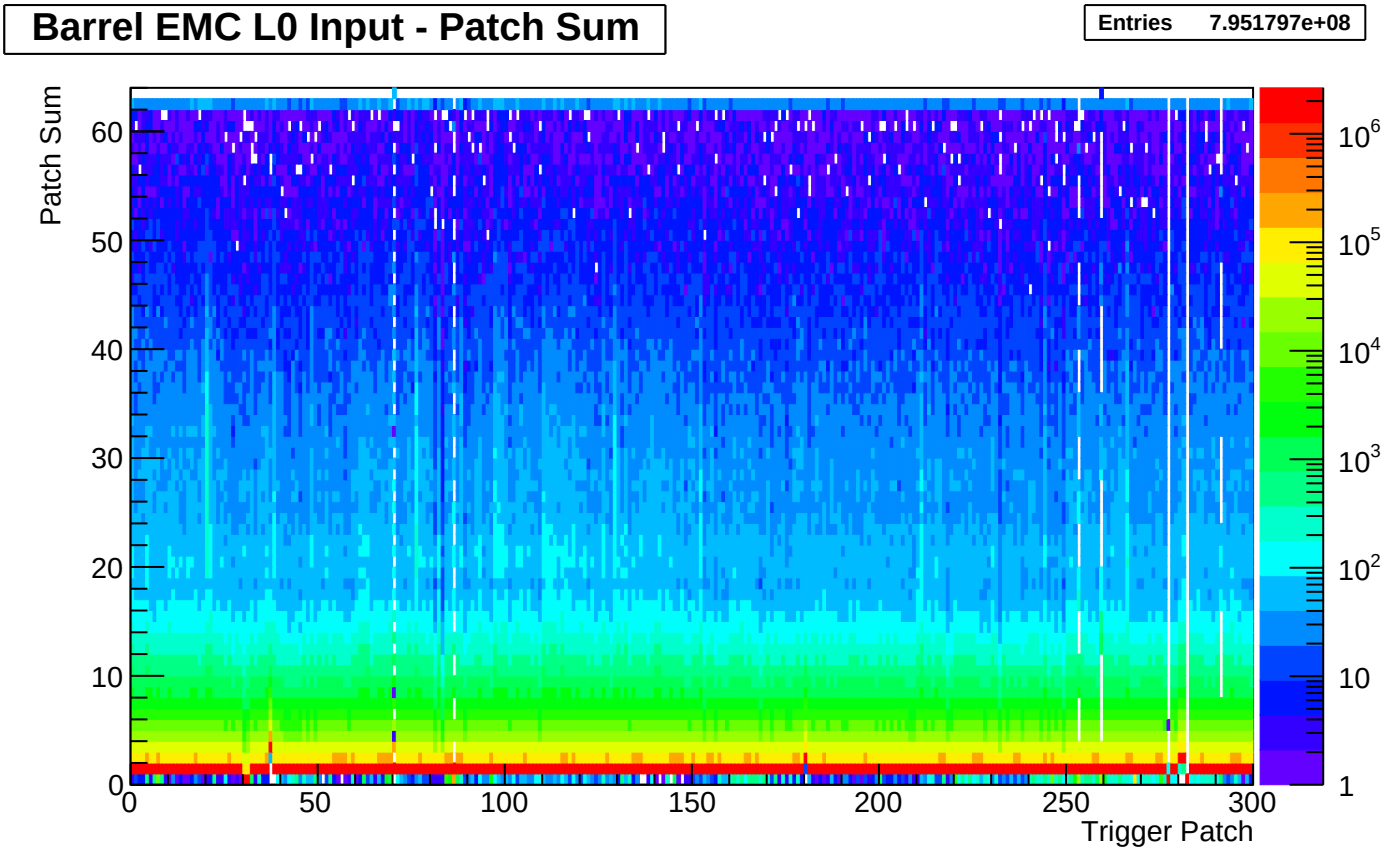
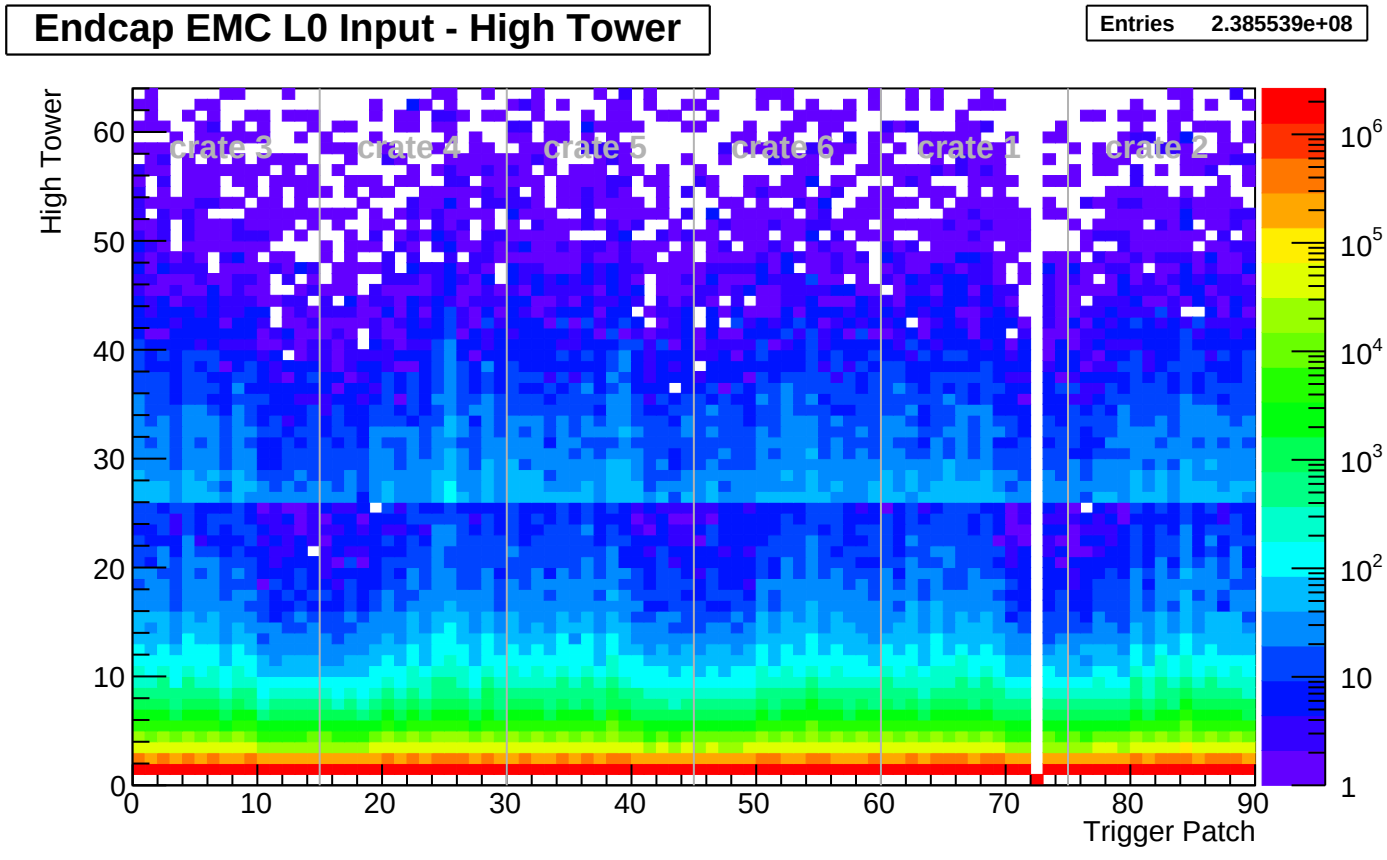
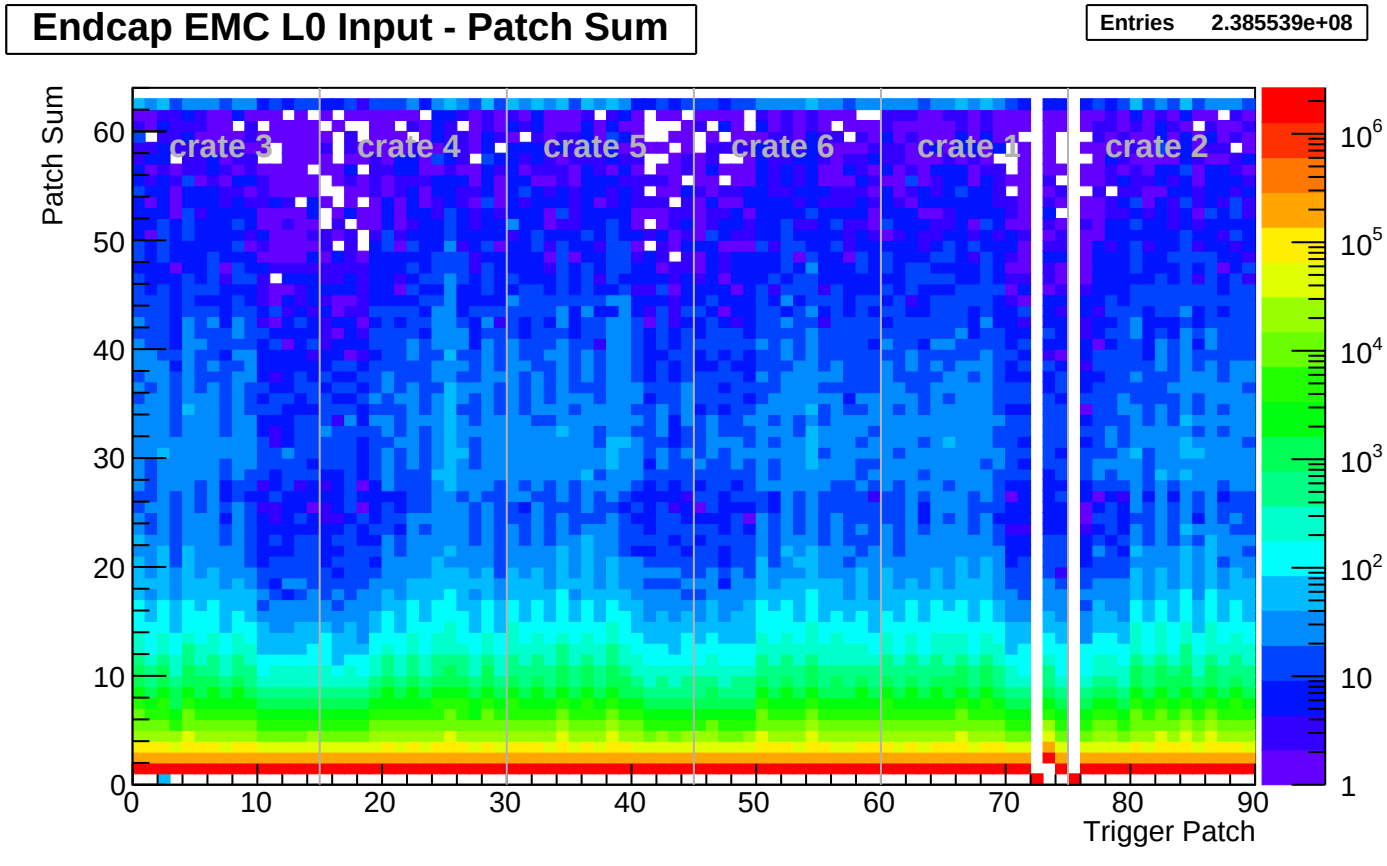
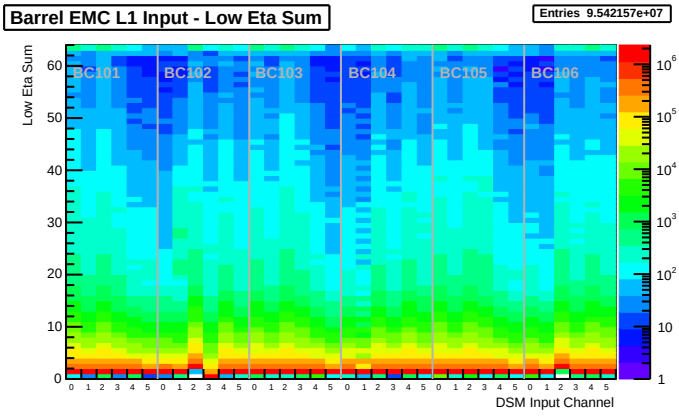
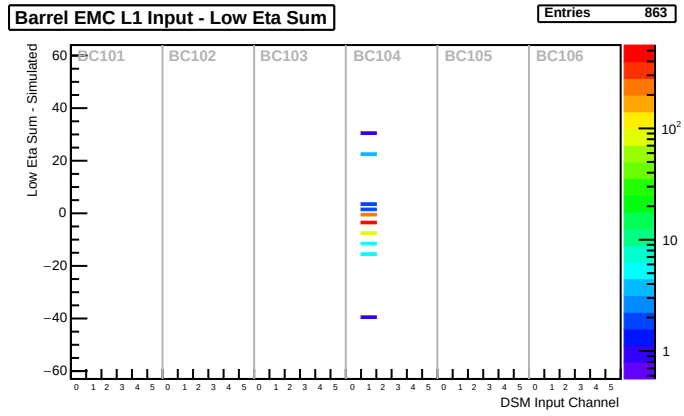

Barrel EMC L0 Input - High Tower
Entries 7.951797e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

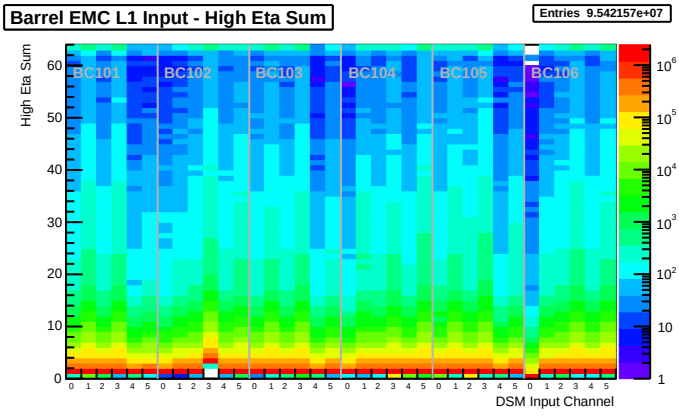

Barrel EMC L0 Input - Patch Sum
Entries 7.951797e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

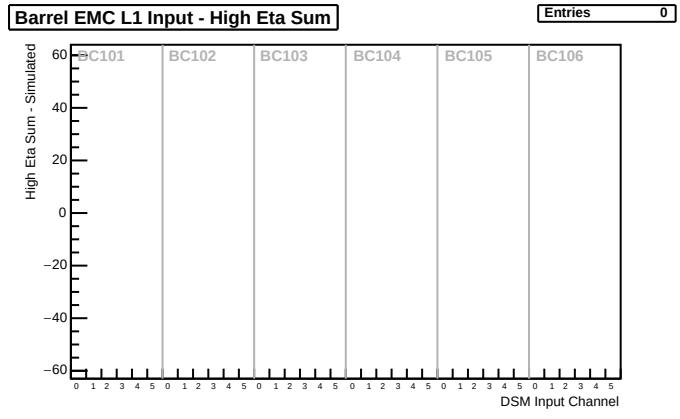

Endcap EMC L0 Input - High Tower
Entries 2.385539e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

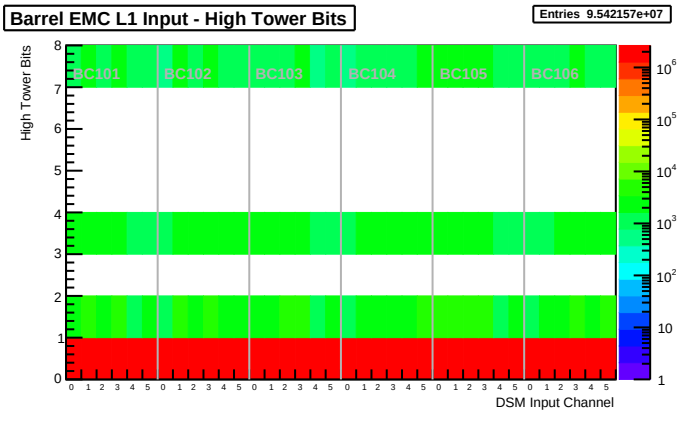

Endcap EMC L0 Input - Patch Sum
Entries 2.385539e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

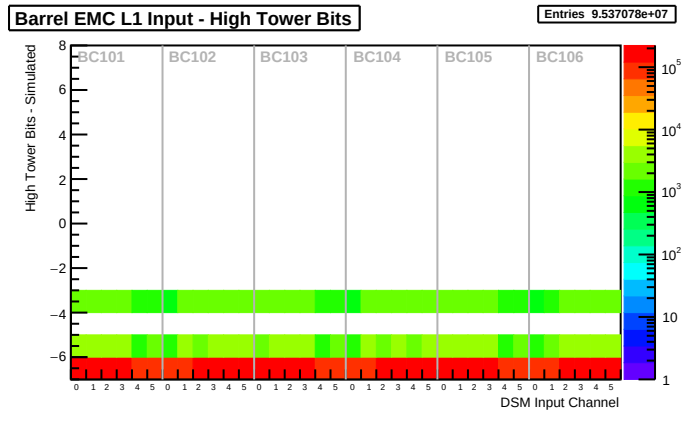

Barrel EMC L1 Input - Low Eta Sum
Entries 9.542157e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

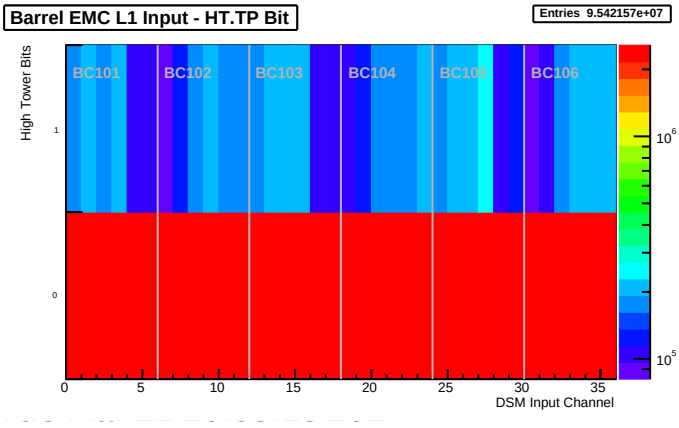

Barrel EMC L1 Input - Low Eta Sum
Entries 863
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

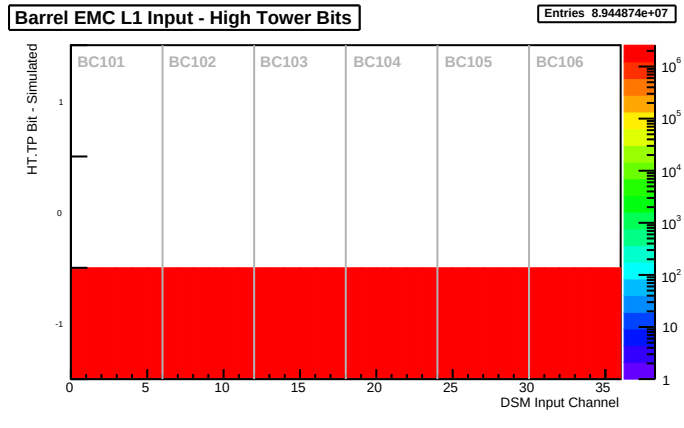

Barrel EMC L1 Input - High Eta Sum
Entries 9.542157e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

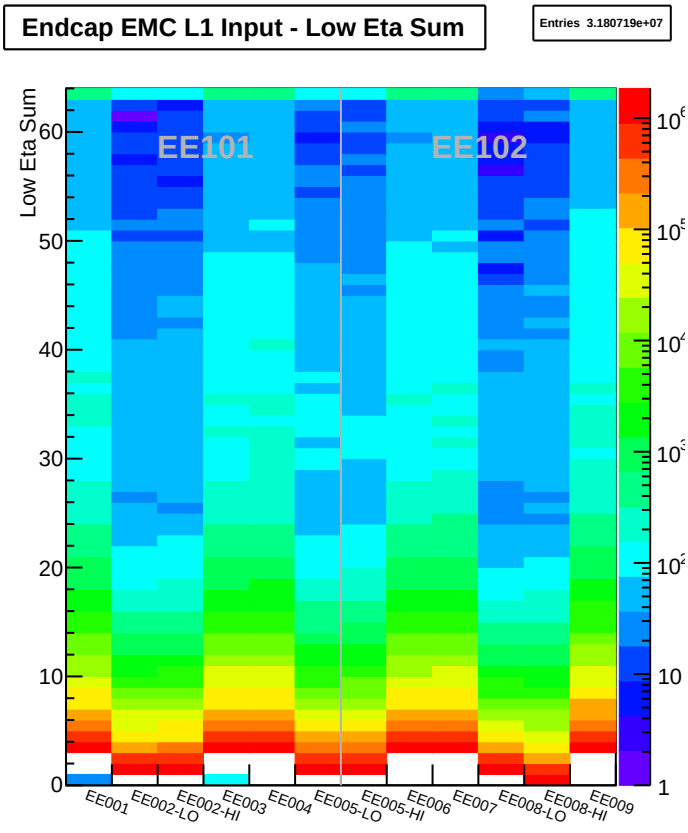

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

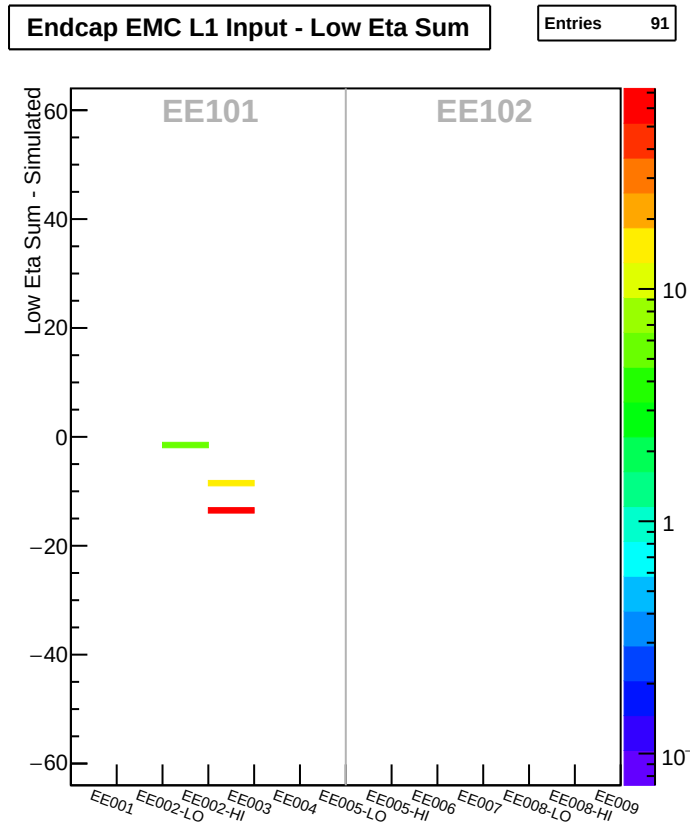

Barrel EMC L1 Input - High Tower Bits
Entries 9.542157e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

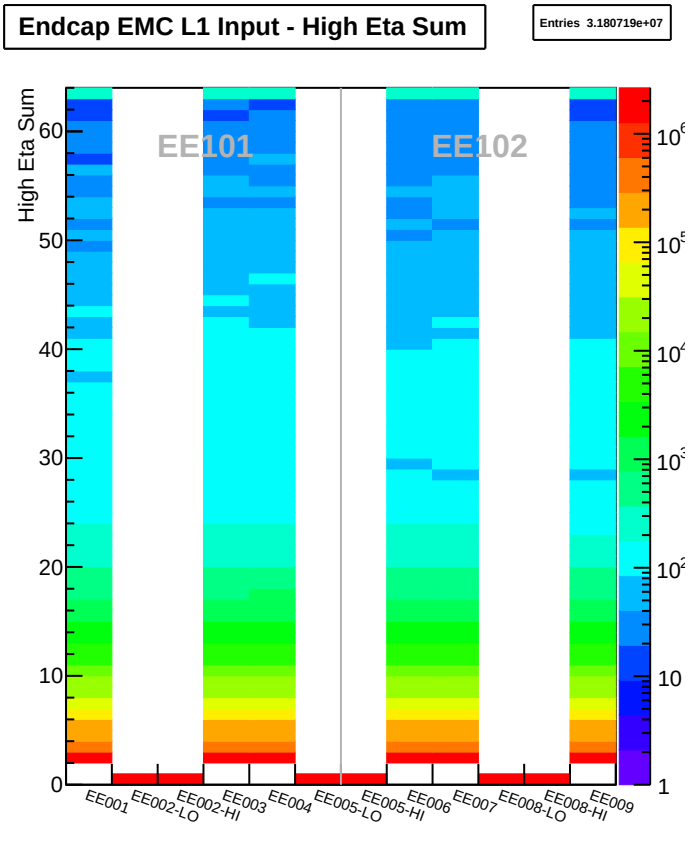

Barrel EMC L1 Input - High Tower Bits
Entries 9.537078e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

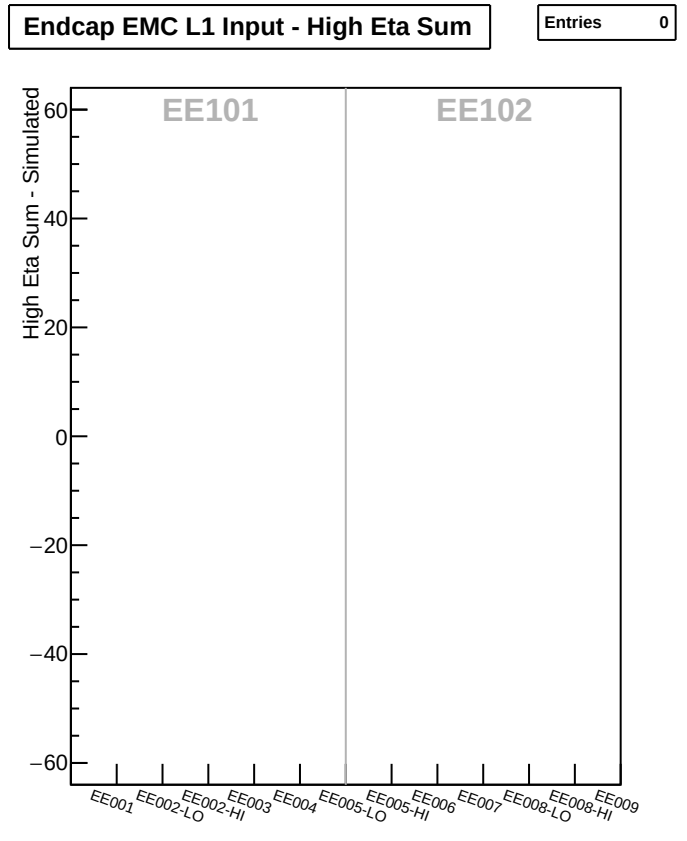

Barrel EMC L1 Input - HT.TP Bit
Entries 9.542157e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 8.944874e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 3.180719e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

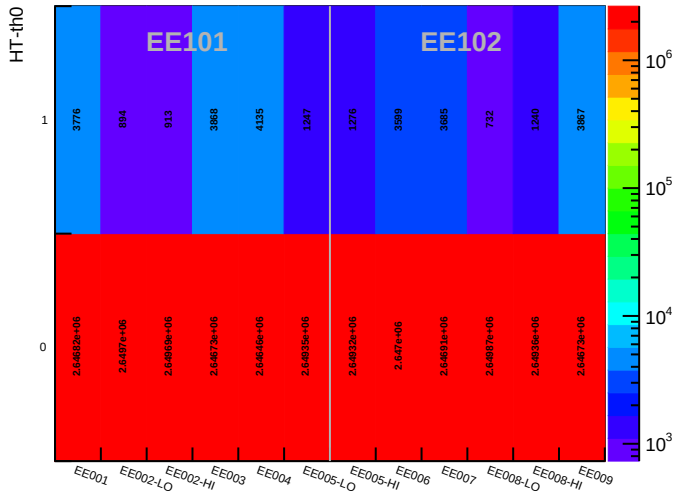

Endcap EMC L1 Input - Low Eta Sum
Entries 91
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 3.180719e+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

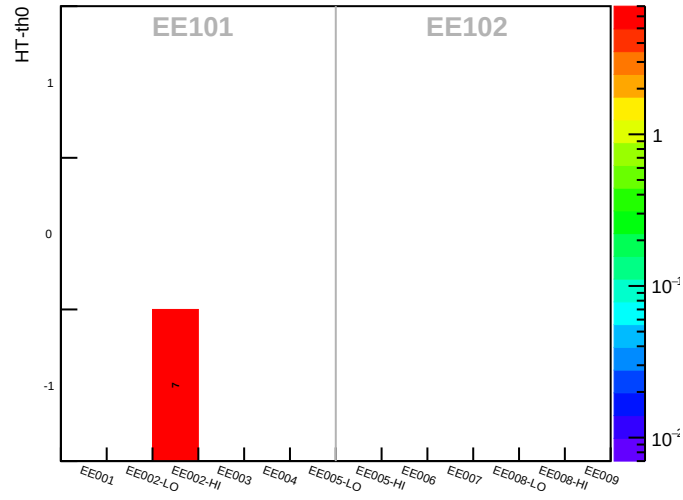
Endcap EMC L1 Input - HT-th0

Entries 3.180719e+07



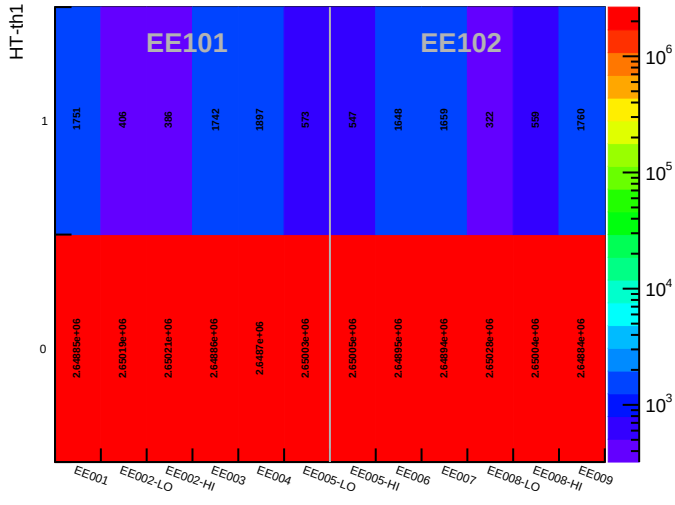
Endcap EMC L1 Input - HT-th0 Diff

Entries 7



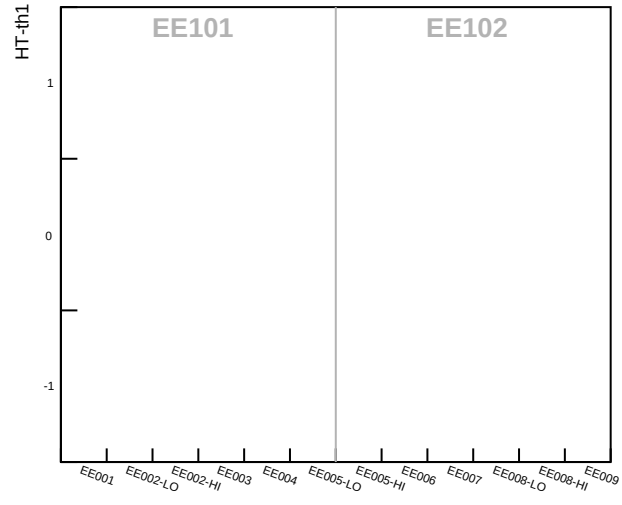
Endcap EMC L1 Input - HT-th1

Entries 3.180719e+07



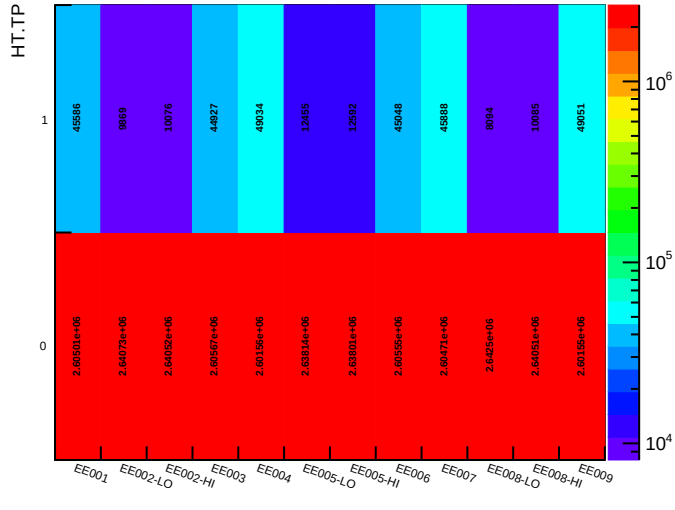
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



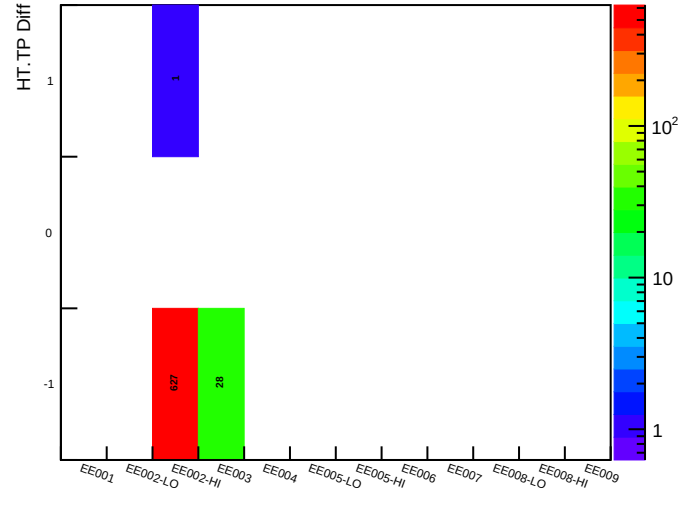
Endcap EMC L1 Input - HT.TP

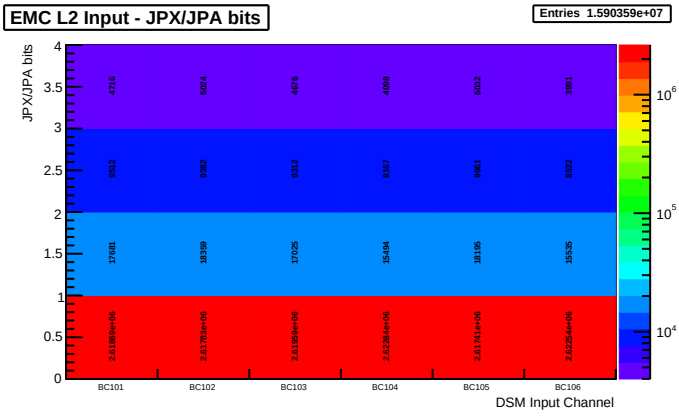
Entries 3.180719e+07

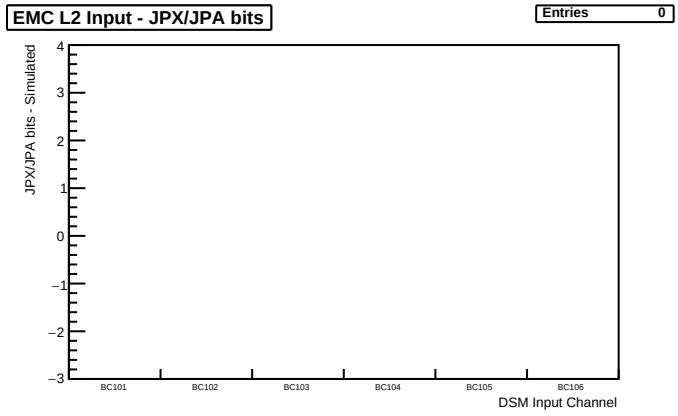


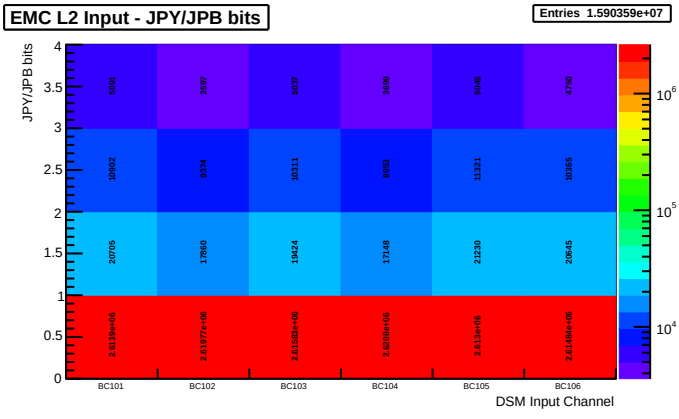
Endcap EMC L1 Input - HT.TP Diff

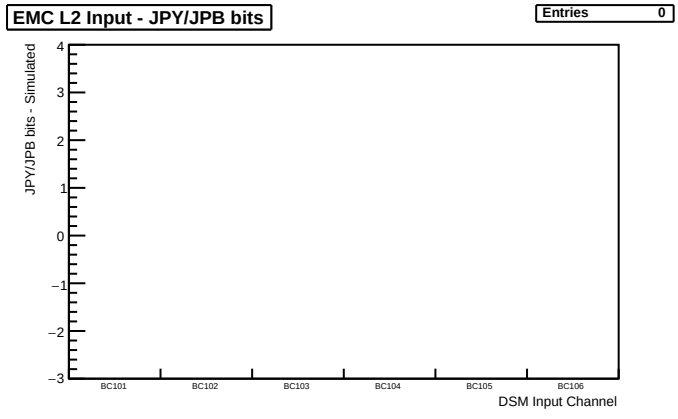
Entries 656

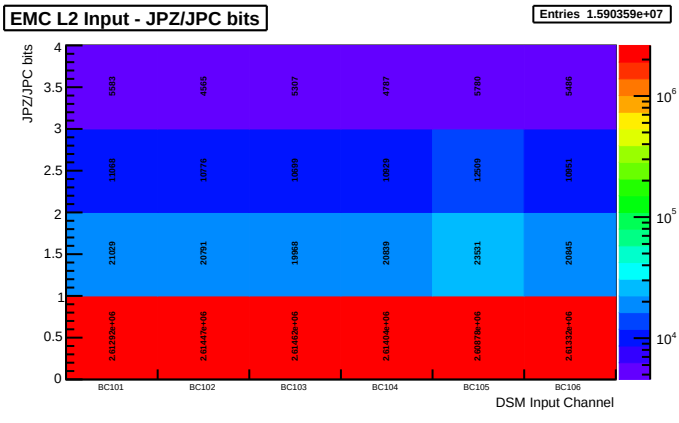


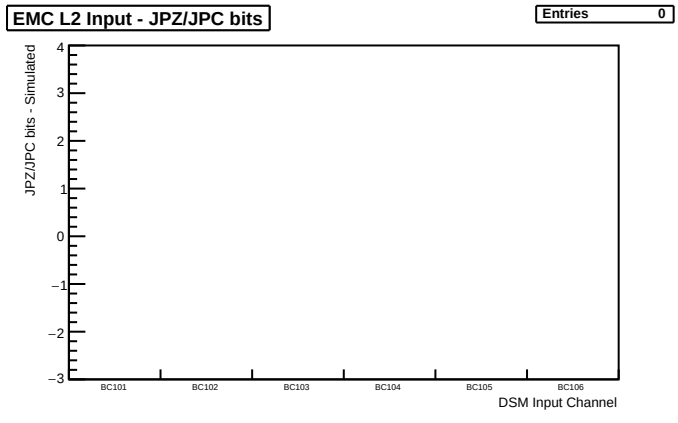

EMC L2 Input - JPX/JPA bits
Entries 1.590359e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4716
5024
4676
4098
5032
3991
9512
9322
9312
8167
9951
8532
17081
18339
17025
15494
18195
15535
2.61869e+06
2.61783e+06
2.61959e+06
2.62284e+06
2.61741e+06
2.62254e+06

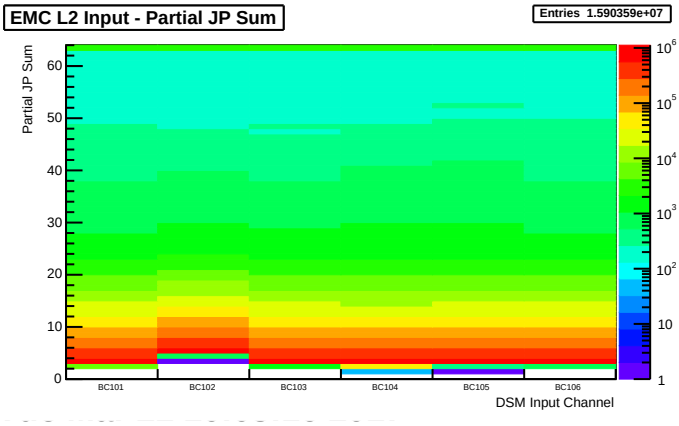

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

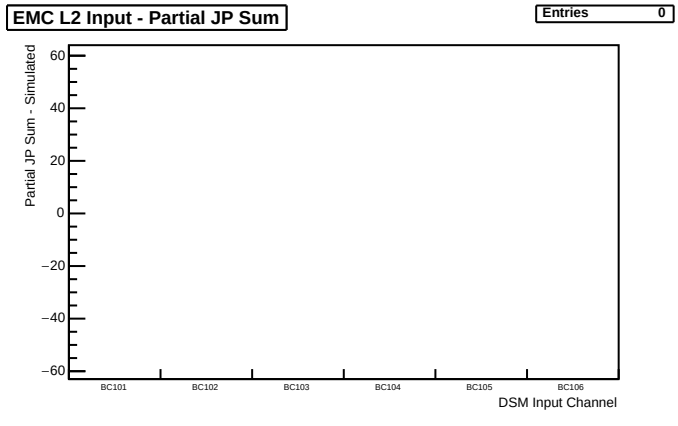

EMC L2 Input - JPY/JPB bits
Entries 1.590359e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
5091
3597
5037
3599
5045
4750
10902
9374
10311
8953
11321
10365
20705
17860
19424
17148
21230
20645
2.6139e+06
2.61977e+06
2.61589e+06
2.6208e+06
2.613e+06
2.61494e+06

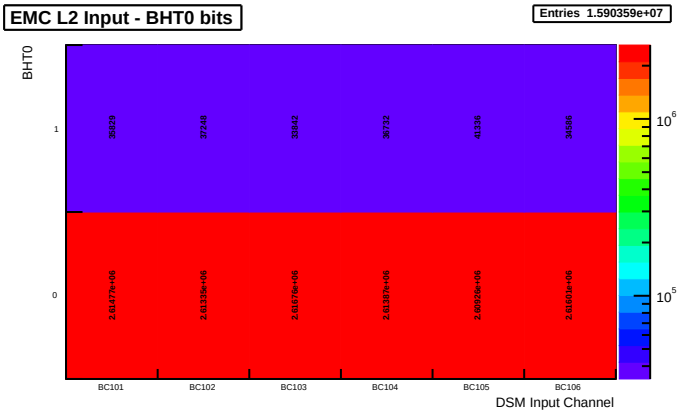

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

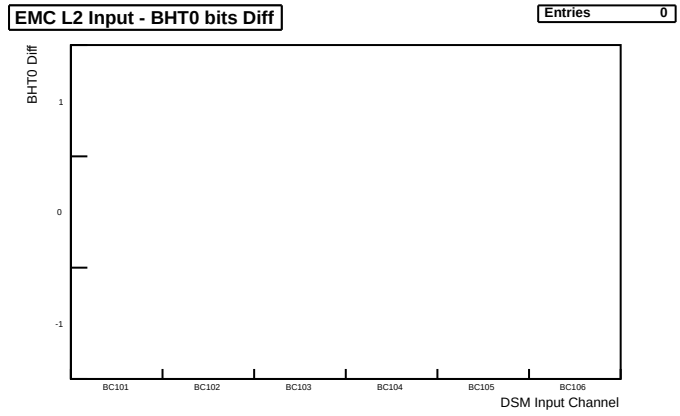

EMC L2 Input - JPZ/JPC bits
Entries 1.590359e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
5533
4565
5307
4737
5730
5486
11048
10776
10599
10523
12509
10951
21029
20751
19988
20639
23531
20945
2.61252e+06
2.61447e+06
2.61452e+06
2.61404e+06
2.60978e+06
2.61332e+06

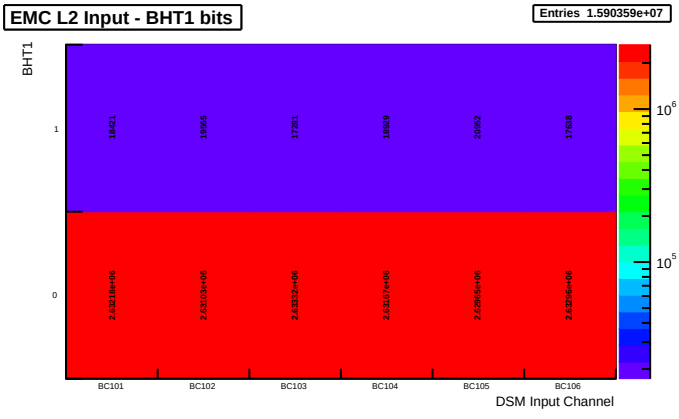

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

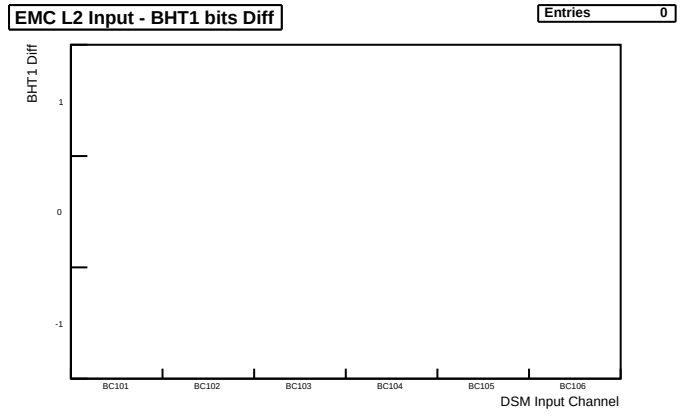

EMC L2 Input - Partial JP Sum
Entries 1.590359e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

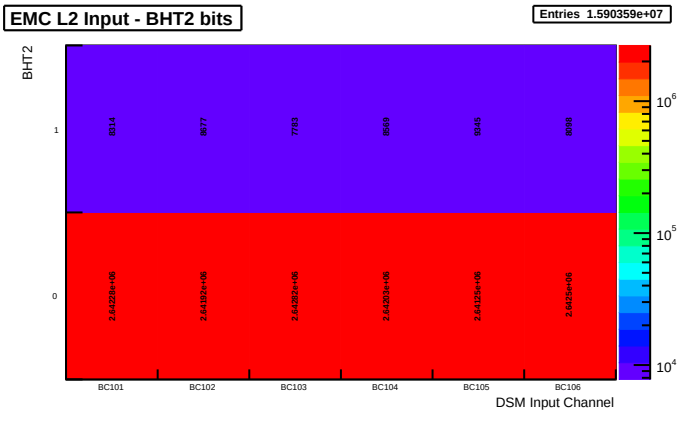

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

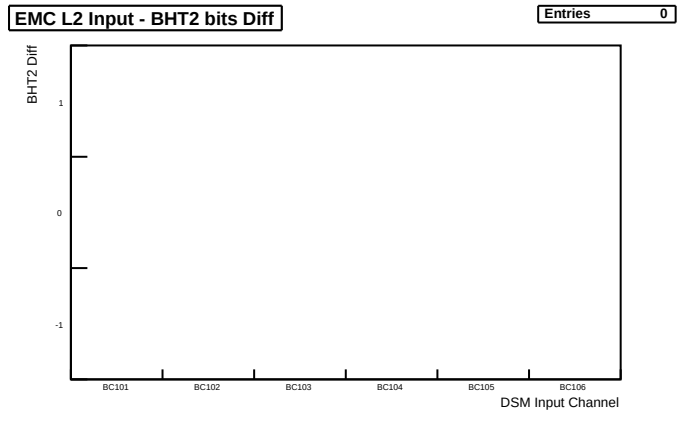

EMC L2 Input - BHT0 bits
Entries 1.590359e+07
BHT0
1
0
33829
37248
33842
39722
41336
34586
2.61477e+06
2.61335e+06
2.61679e+06
2.61387e+06
2.60926e+06
2.61691e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

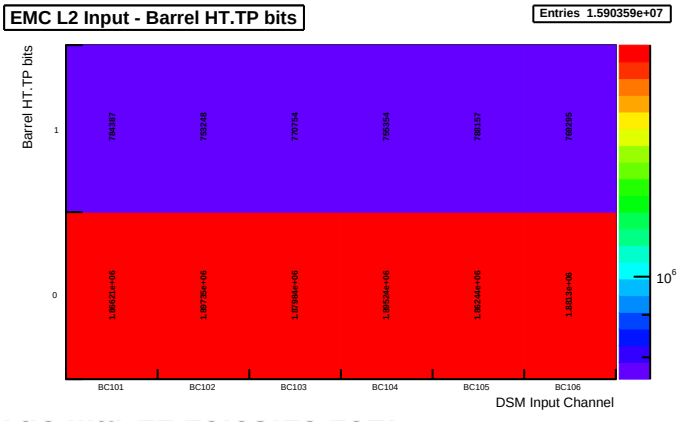

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

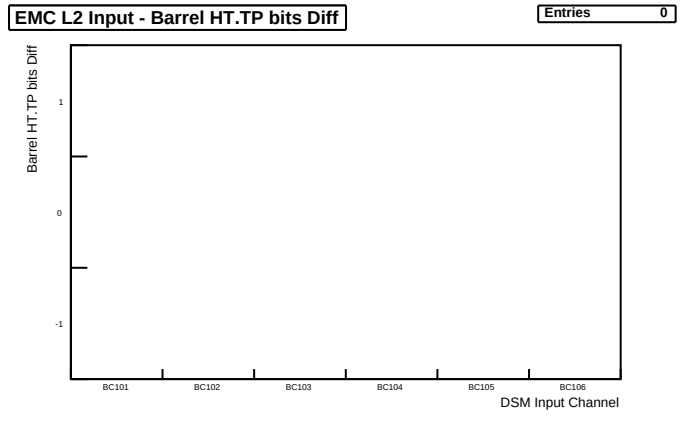

EMC L2 Input - BHT1 bits
Entries 1.590359e+07
BHT1
1
0
13421
15965
17281
13929
20952
17638
2.63218e+06
2.63103e+06
2.63332e+06
2.63167e+06
2.62965e+06
2.63206e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

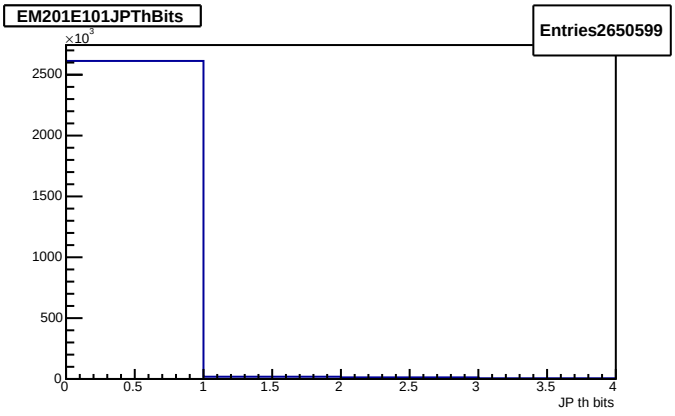

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

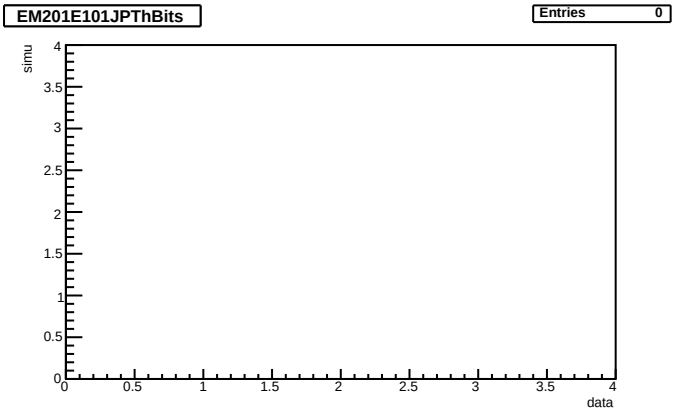

EMC L2 Input - BHT2 bits
Entries 1.590359e+07
BHT2
1
0
8314
8877
7733
8569
9945
8098
2.64228e+06
2.64192e+06
2.64282e+06
2.64203e+06
2.64125e+06
2.6425e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

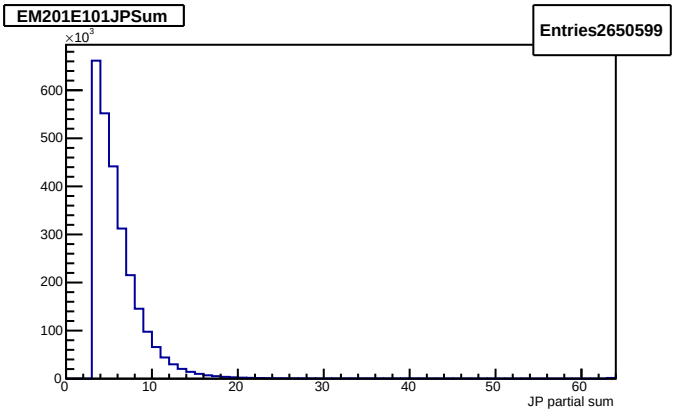

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

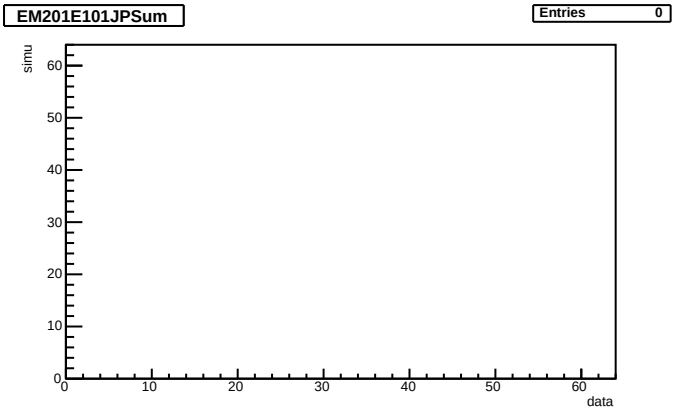

EMC L2 Input - Barrel HT.TP bits
Entries 1.590359e+07
Barrel HT.TP bits
1
0
749437
753248
770754
755354
788157
769205
1.86621e+06
1.89735e+06
1.87984e+06
1.88524e+06
1.86244e+06
1.8813e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

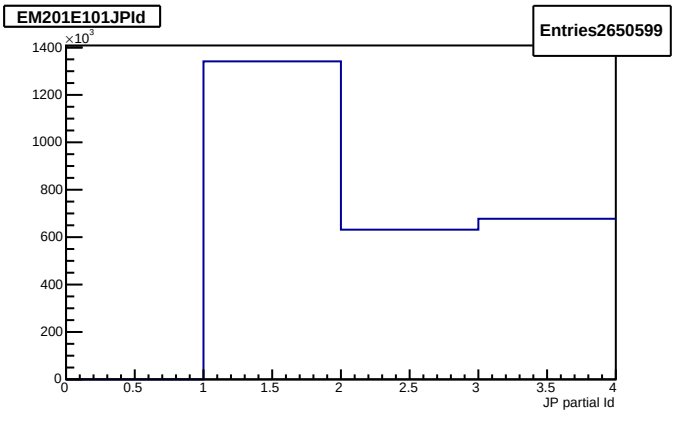

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

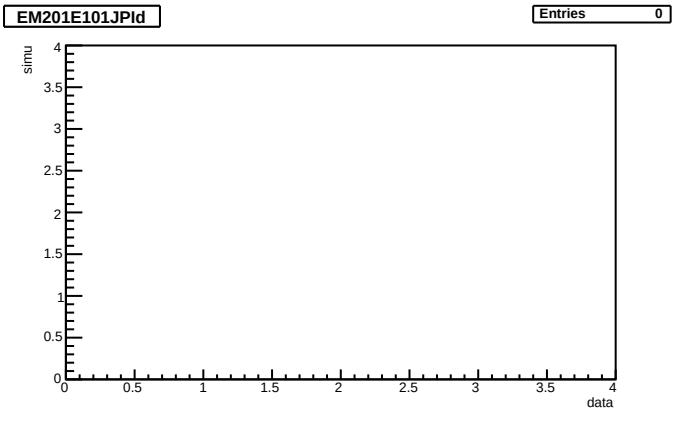

EM201E101JPThBits
Entries2650599
×10^3
JP th bits

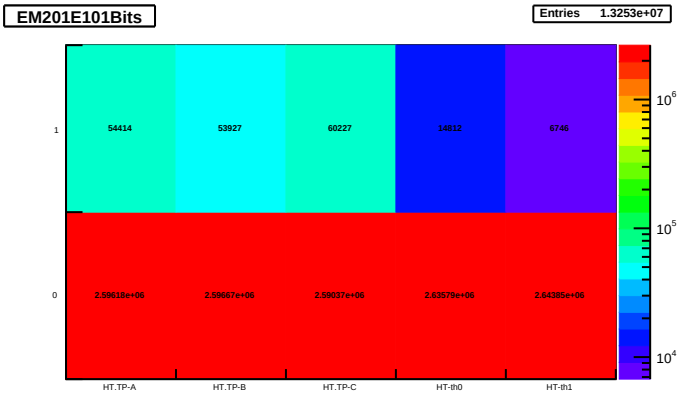

EM201E101JPThBits
Entries 0
simu
data

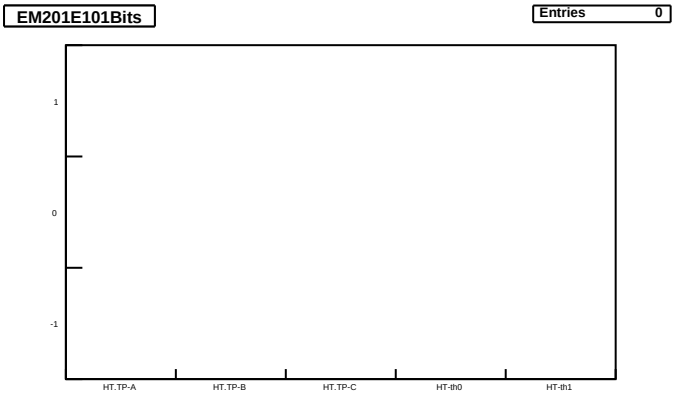

EM201E101JPSum
Entries2650599
×10^3
JP partial sum

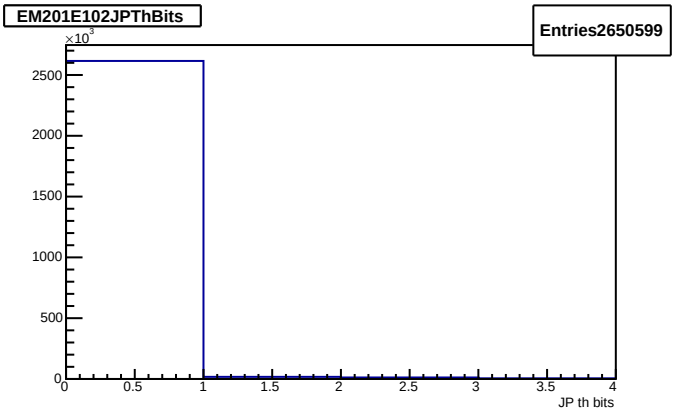

EM201E101JPSum
Entries 0
simu
data

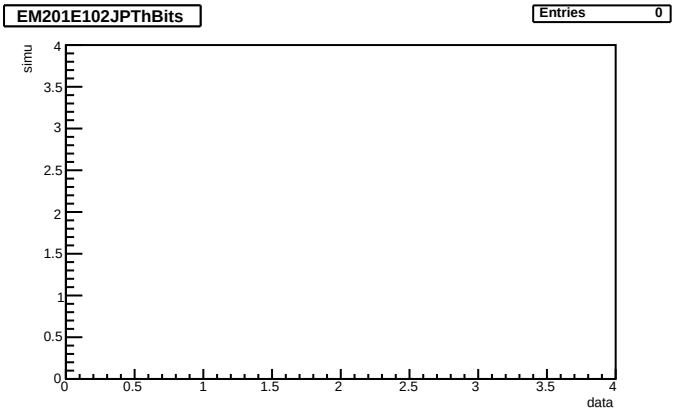

EM201E101JPId
Entries2650599
×10^3
JP partial Id

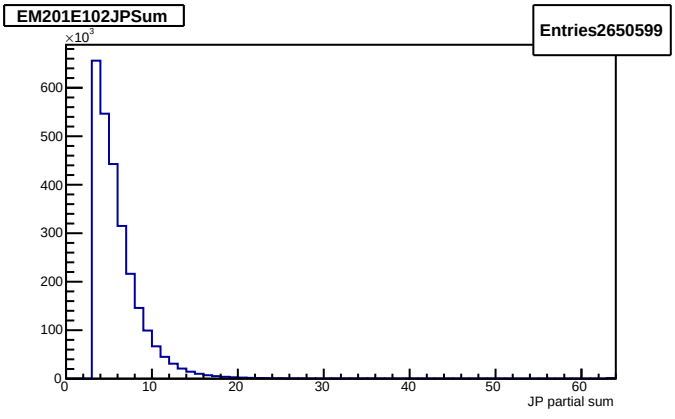

EM201E101JPId
Entries 0
simu
data

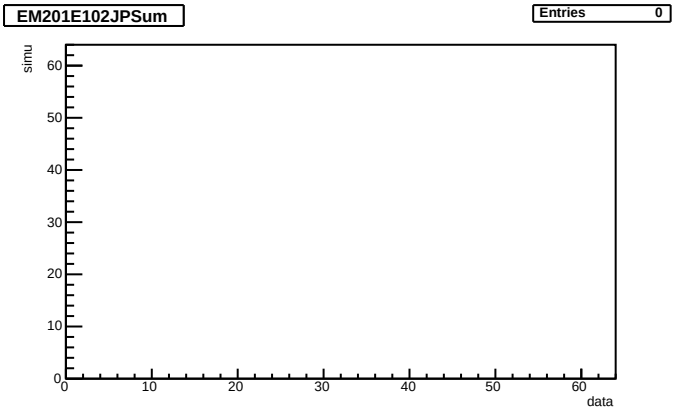

EM201E101Bits
Entries 1.3253e+07
54414
53927
60227
14812
6746
2.59618e+06
2.59667e+06
2.59037e+06
2.63579e+06
2.64385e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

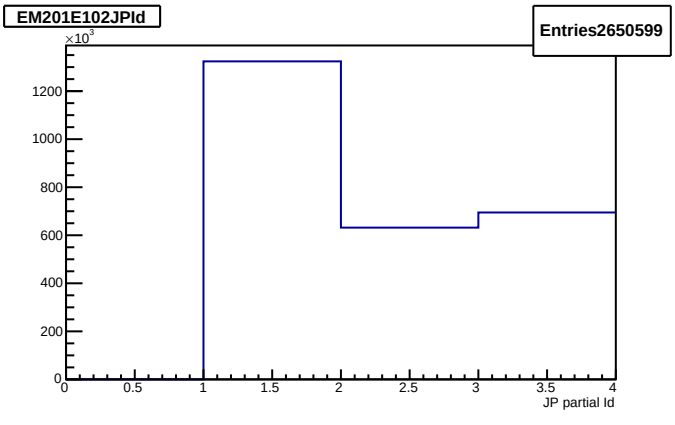

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

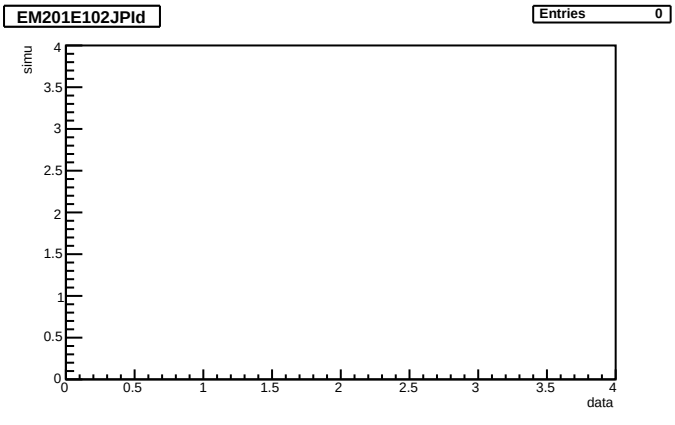

EM201E102JPThBits
Entries2650599
×10^3
JP th bits

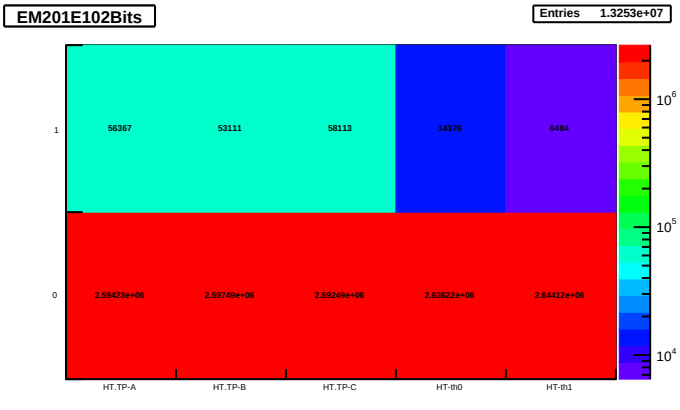

EM201E102JPThBits
Entries 0
simu
data

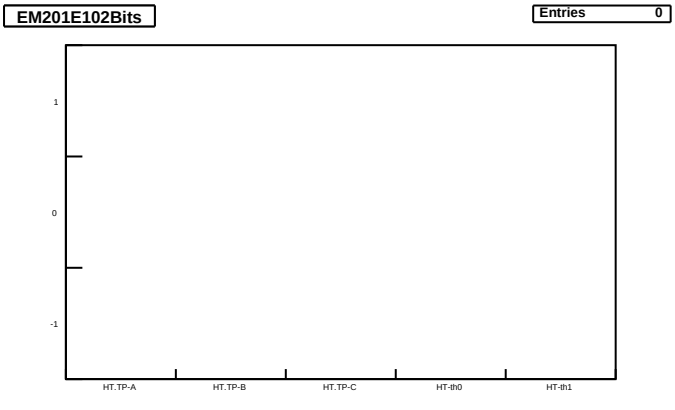

EM201E102JPSum
Entries2650599
×10^3
JP partial sum

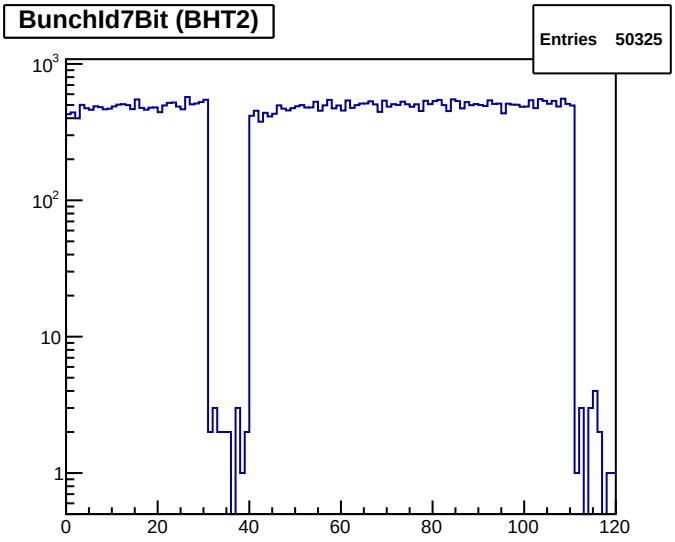

EM201E102JPSum
Entries 0
simu
data

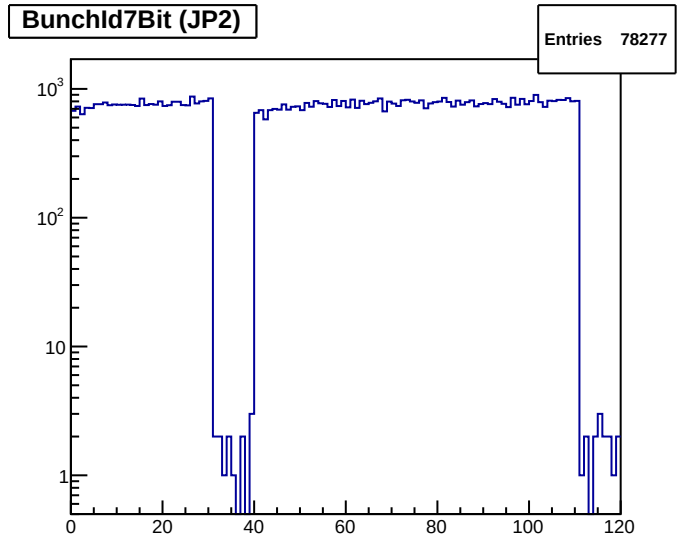

EM201E102JPId
Entries2650599
×10^3
JP partial Id

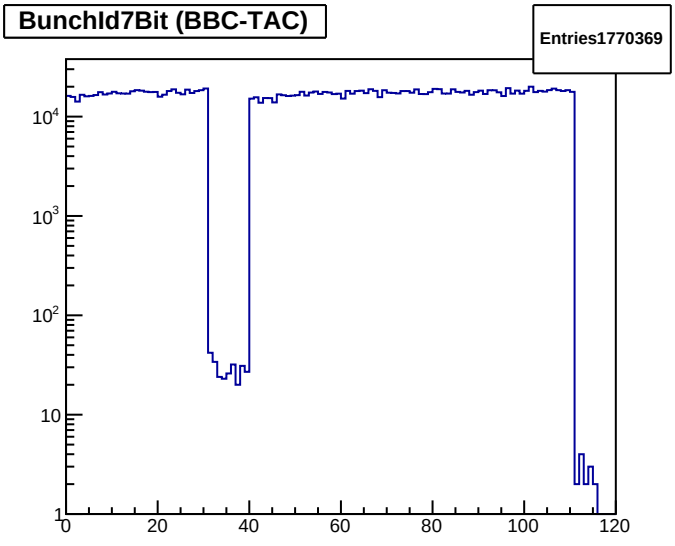

EM201E102JPId
Entries 0
simu
data

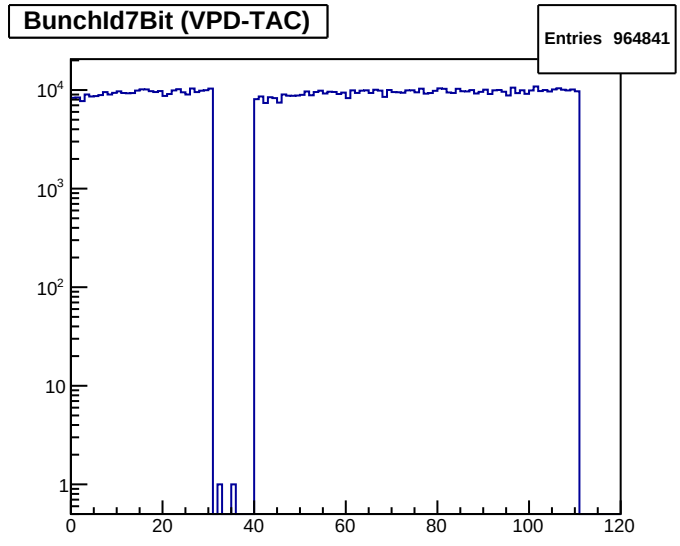

EM201E102Bits
Entries 1.3253e+07
56367
53111
58113
14376
6484
2.59423e+06
2.59749e+06
2.59249e+06
2.63622e+06
2.64412e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

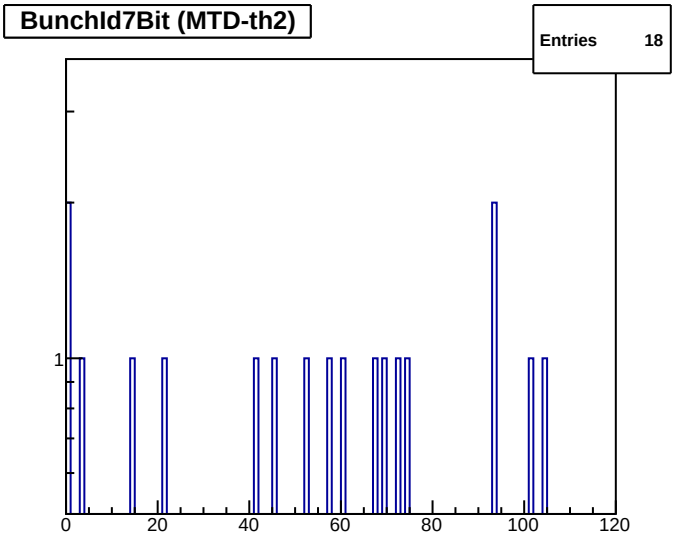

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

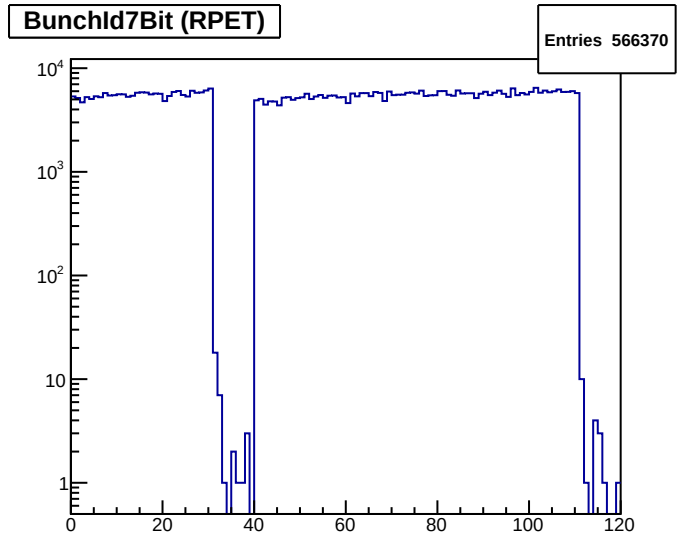

BunchId7Bit (BHT2)
Entries 50325

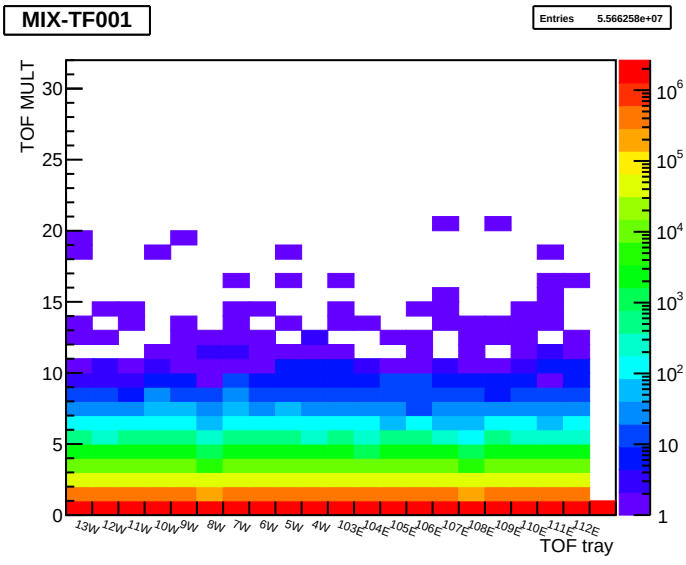

BunchId7Bit (JP2)
Entries 78277

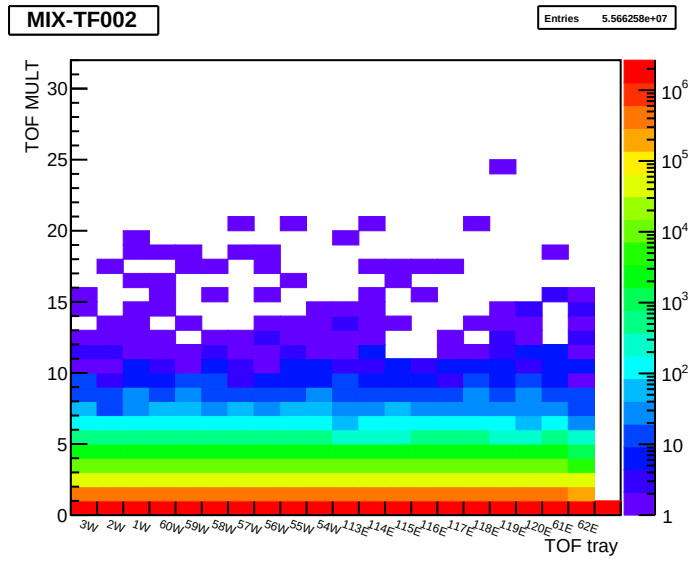

BunchId7Bit (BBC-TAC)
Entries1770369

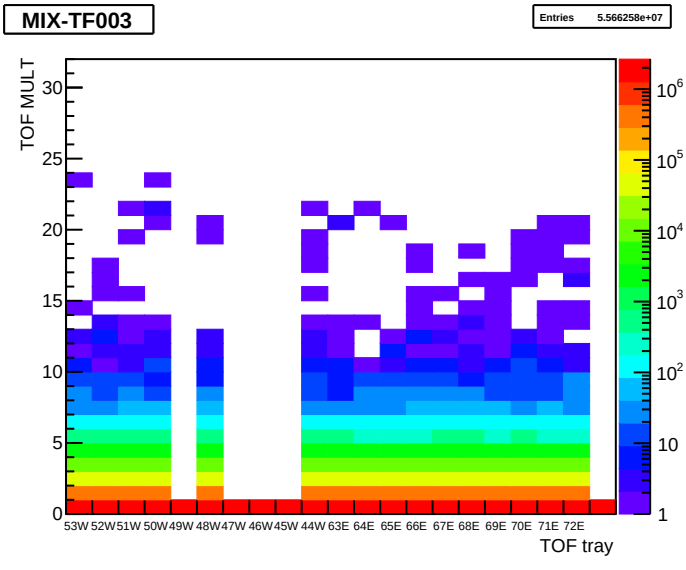

BunchId7Bit (VPD-TAC)
Entries 964841

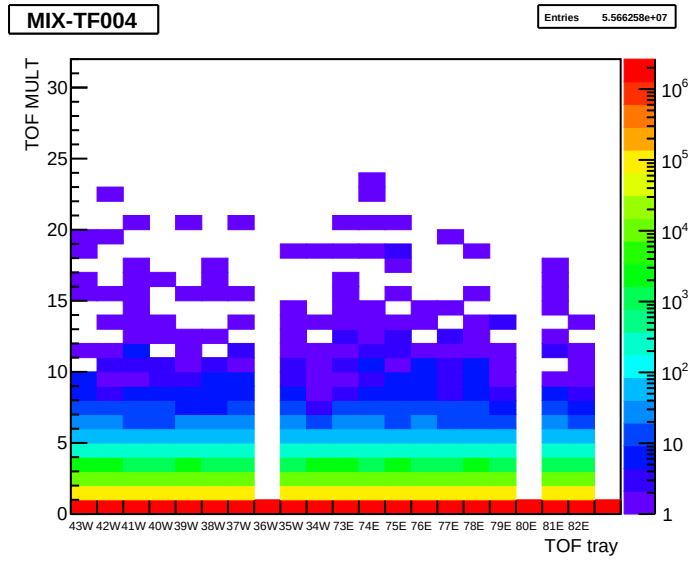

BunchId7Bit (MTD-th2)
Entries 18

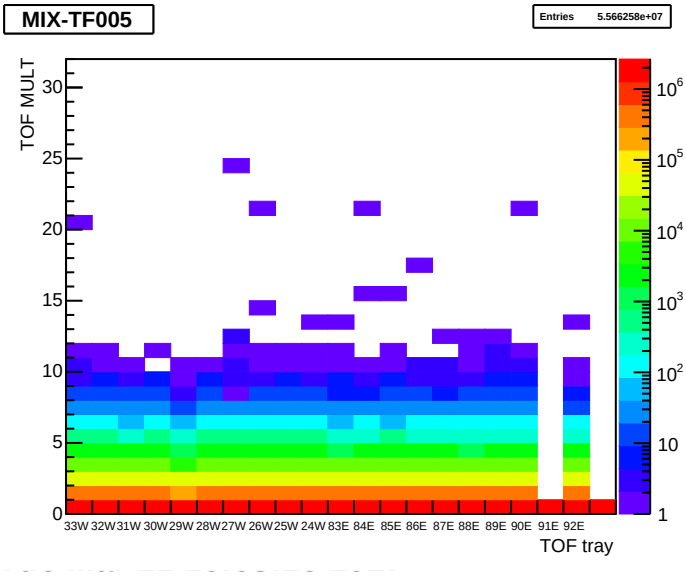

BunchId7Bit (RPET)
Entries 566370

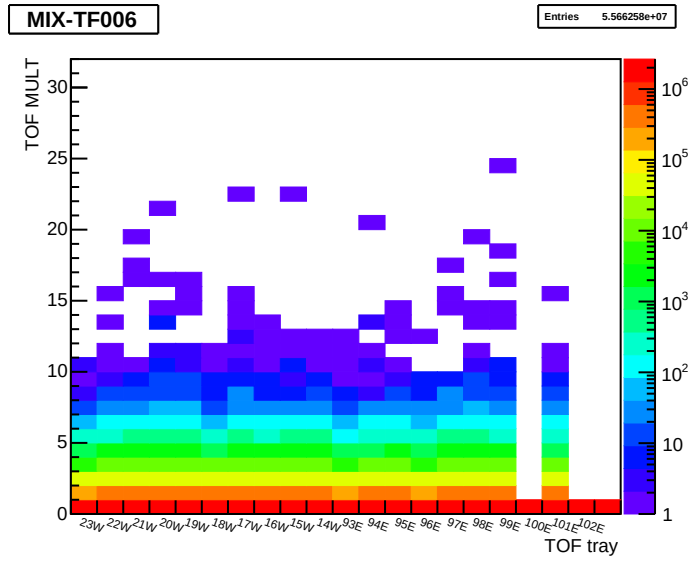

MIX-TF001
Entries 5.566258e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

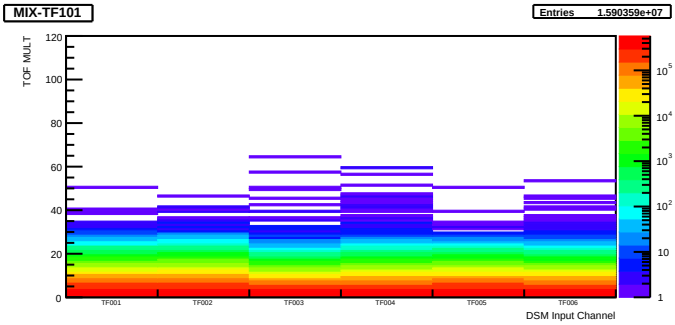

MIX-TF002
Entries 5.566258e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

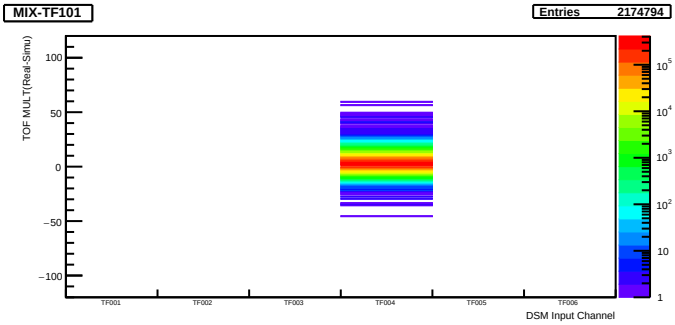

MIX-TF003
Entries 5.566258e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

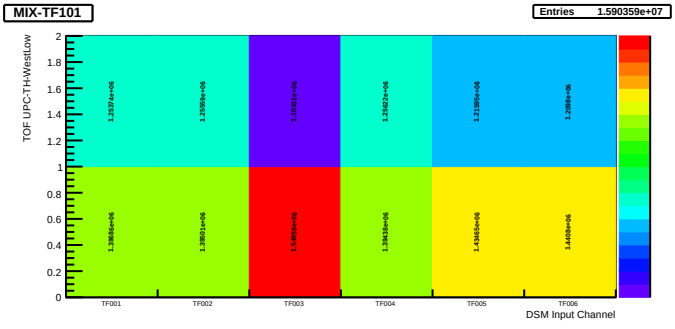

MIX-TF004
Entries 5.566258e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

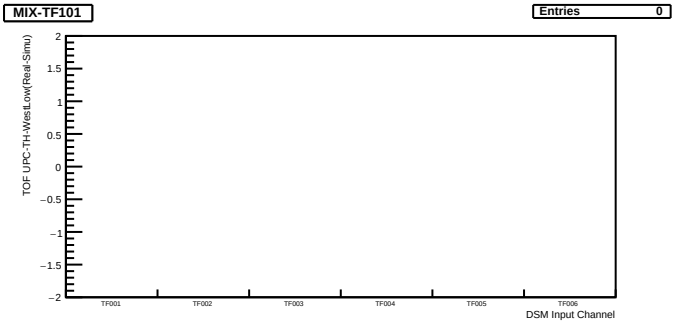

MIX-TF005
Entries 5.566258e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

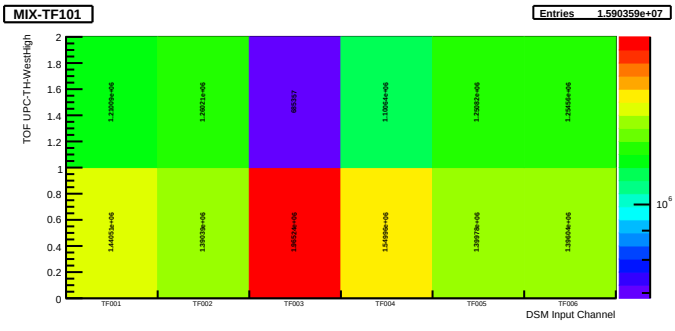

MIX-TF006
Entries 5.566258e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

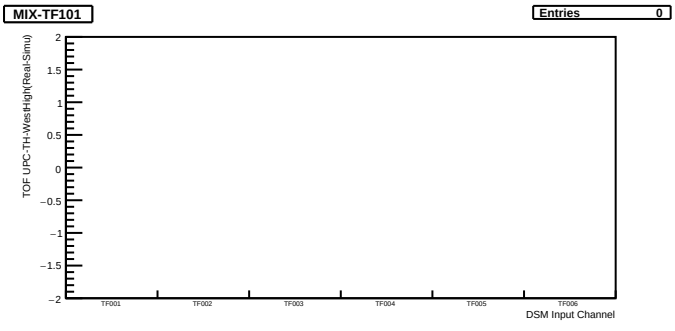

MIX-TF101
Entries 1.590359e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

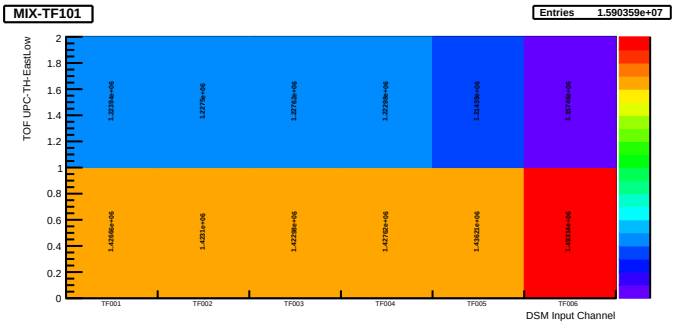

MIX-TF101
Entries 2174794
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

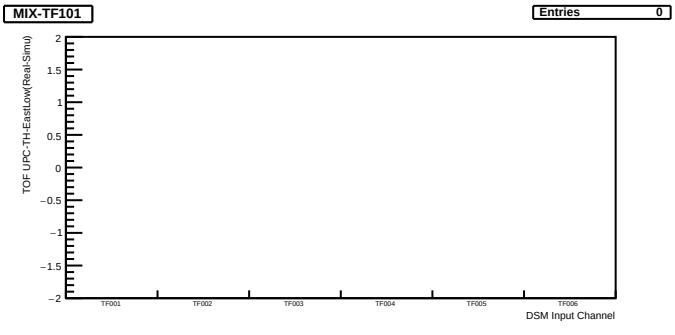

MIX-TF101
Entries 1.590359e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

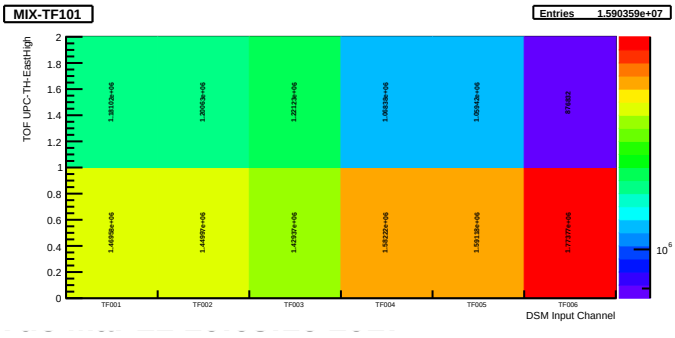

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

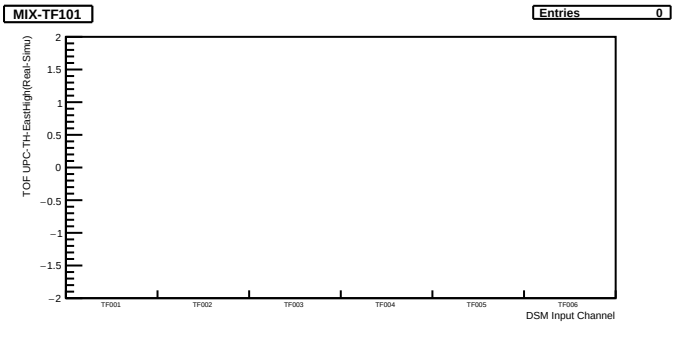

MIX-TF101
Entries 1.590359e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

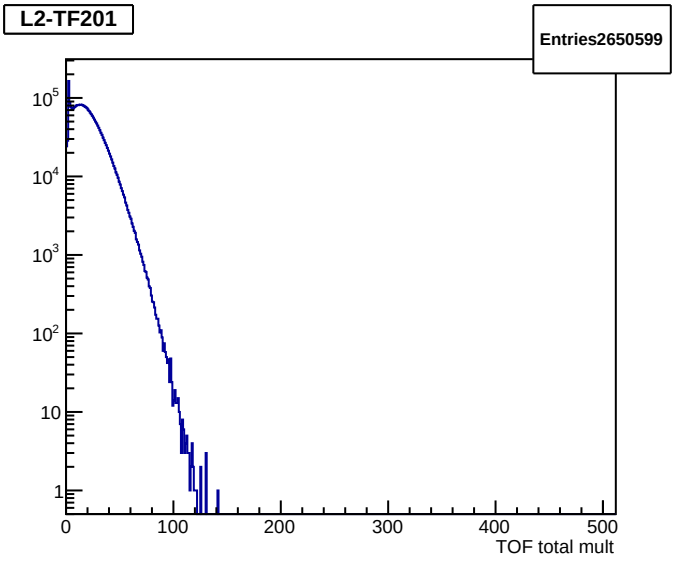

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

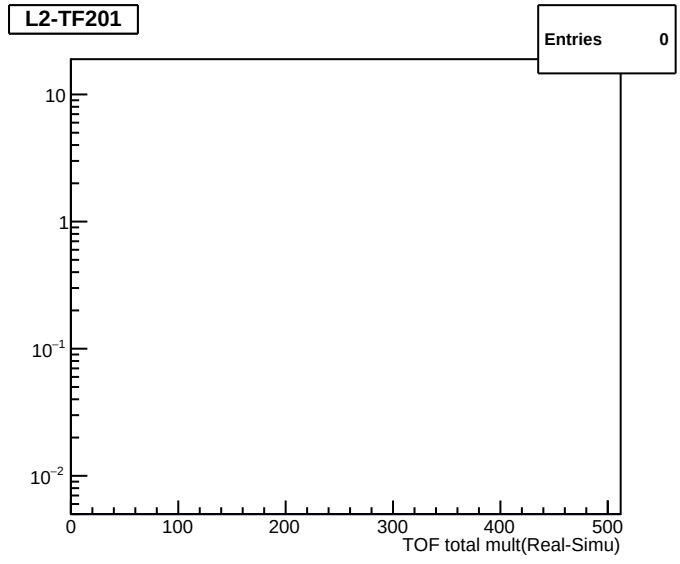

MIX-TF101
Entries 1.590359e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

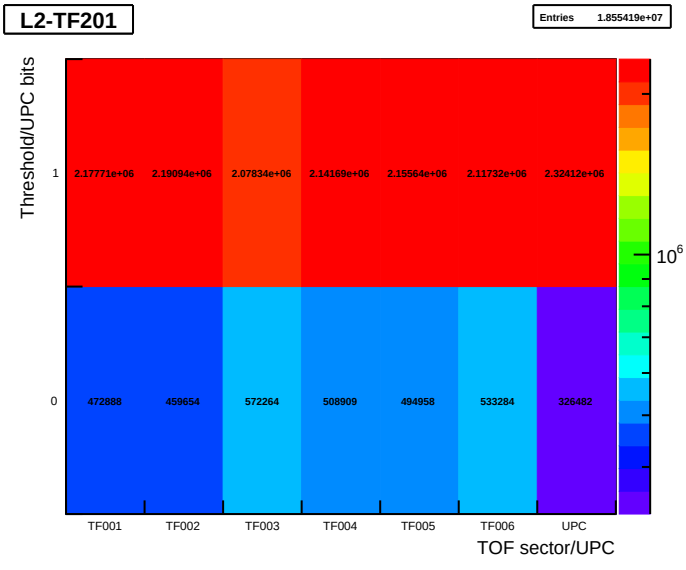

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

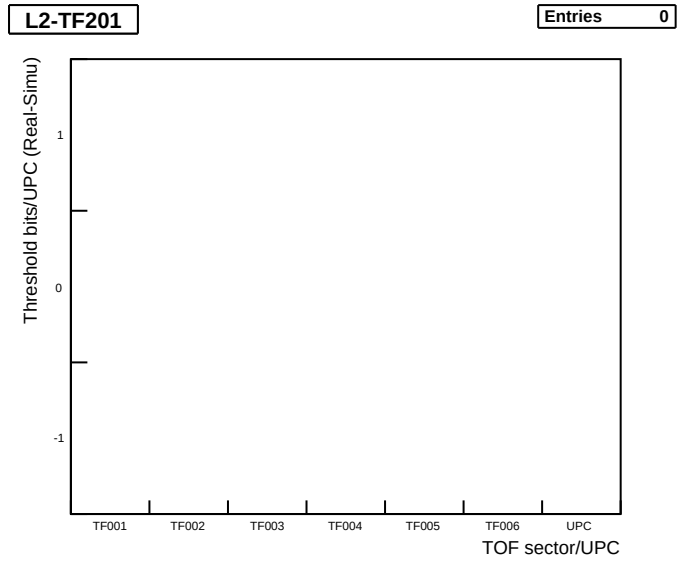

MIX-TF101
Entries 1.590359e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

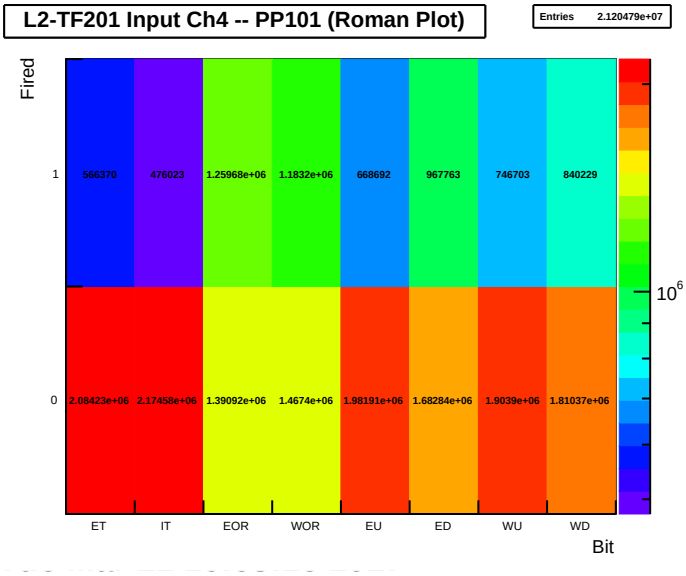

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

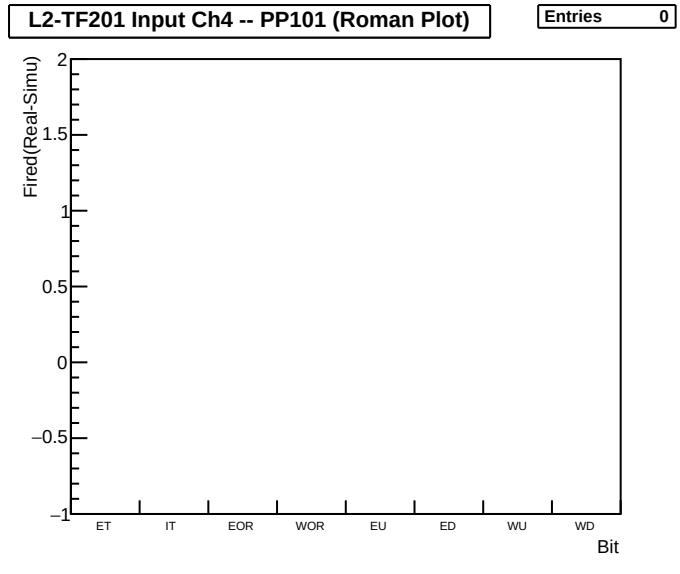

L2-TF201
Entries2650599
TOF total mult

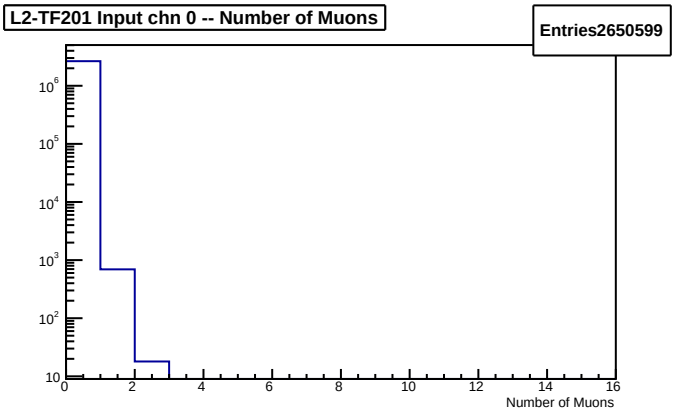

L2-TF201
Entries 0
TOF total mult(Real-Simu)

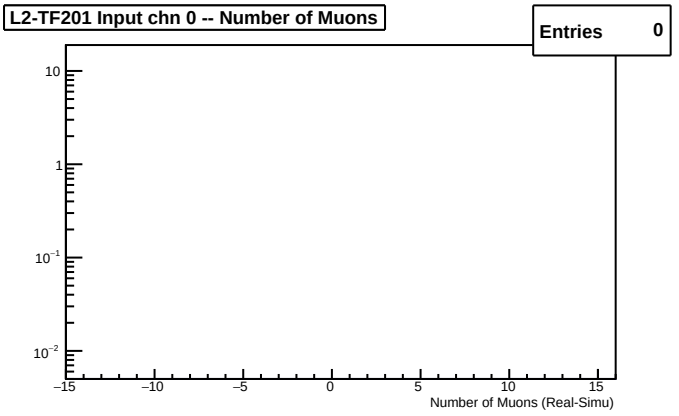

L2-TF201
Entries 1.855419e+07
Threshold/UPC bits
2.17771e+06
2.19094e+06
2.07834e+06
2.14169e+06
2.15564e+06
2.11732e+06
2.32412e+06
472888
459654
572264
508909
494958
533284
326482
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

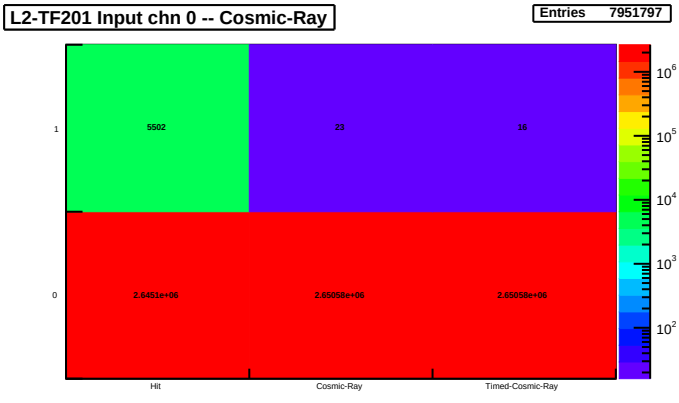

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

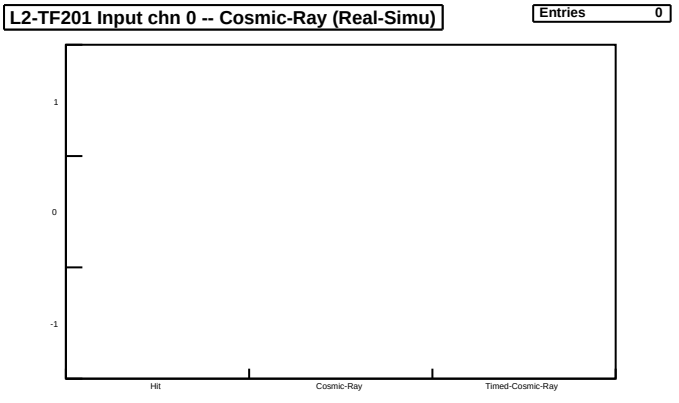

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.120479e+07
Fired
566370
476023
1.25968e+06
1.1832e+06
668692
967763
746703
840229
2.08423e+06
2.17458e+06
1.39092e+06
1.4674e+06
1.98191e+06
1.68284e+06
1.9039e+06
1.81037e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

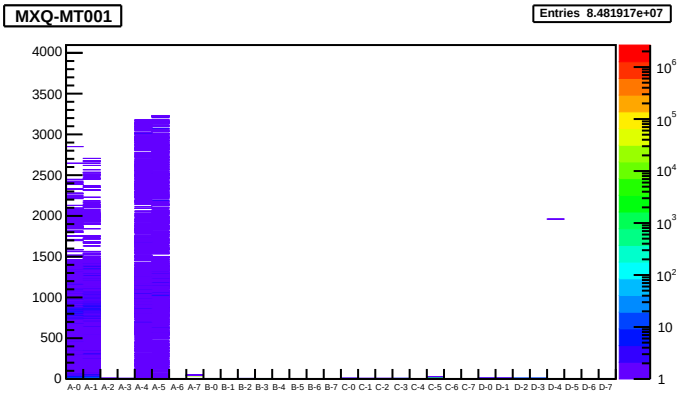

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

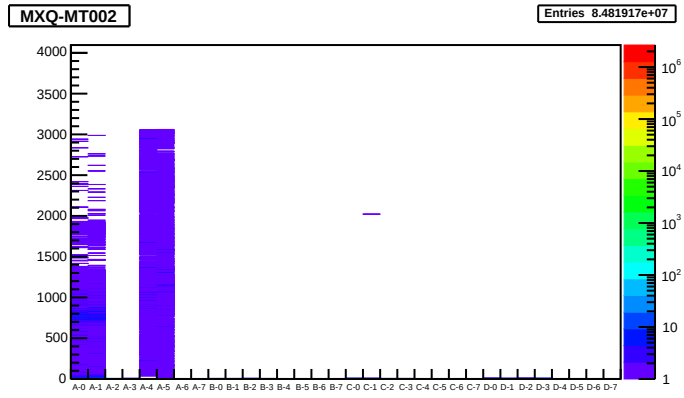

L2-TF201 Input chn 0 -- Number of Muons
Entries2650599
Number of Muons

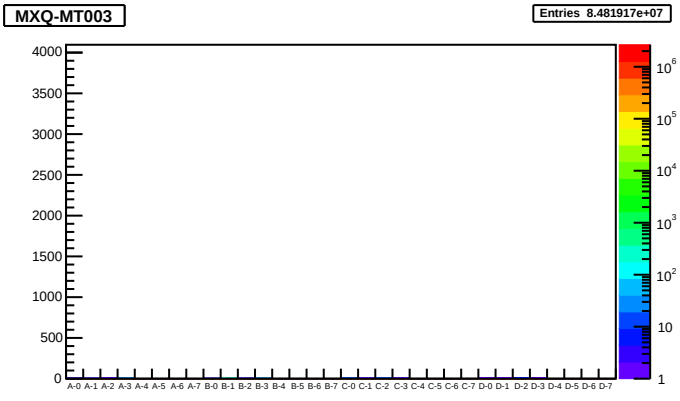

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

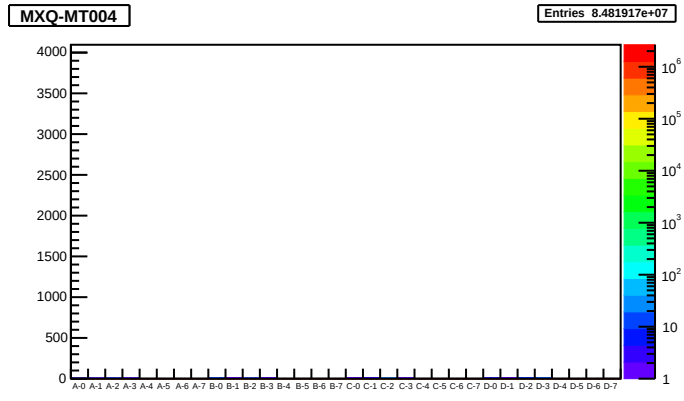

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7951797
5502
23
16
2.6451e+06
2.65058e+06
2.65058e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

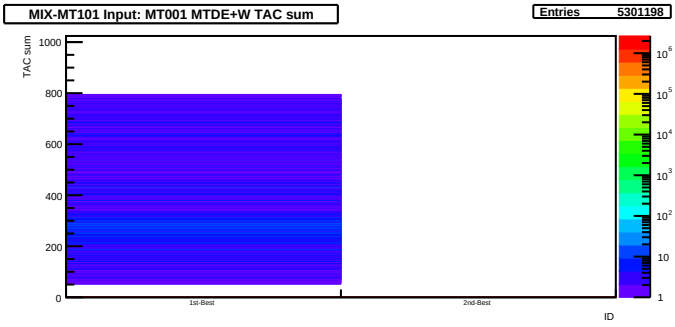

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

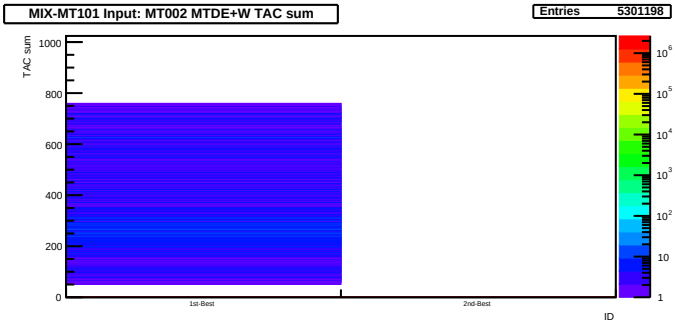

MXQ-MT001
Entries 8.481917e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

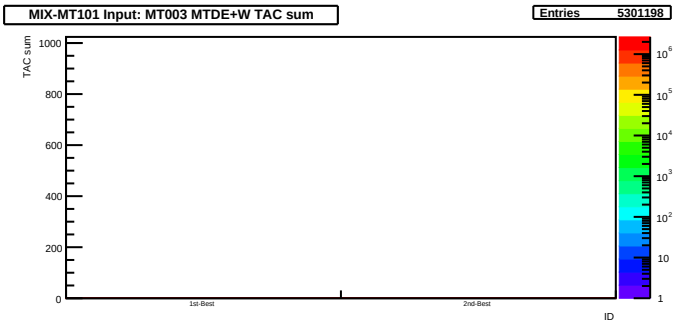

MXQ-MT002
Entries 8.481917e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

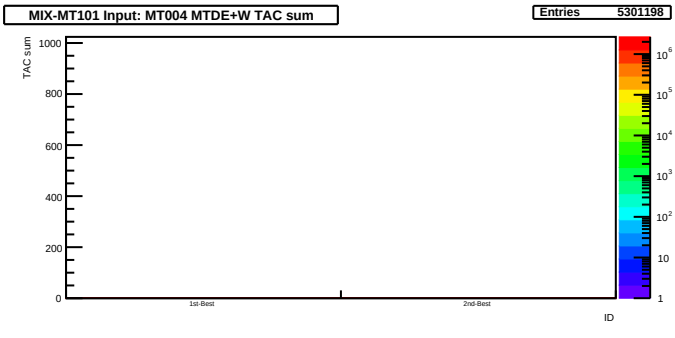

MXQ-MT003
Entries 8.481917e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

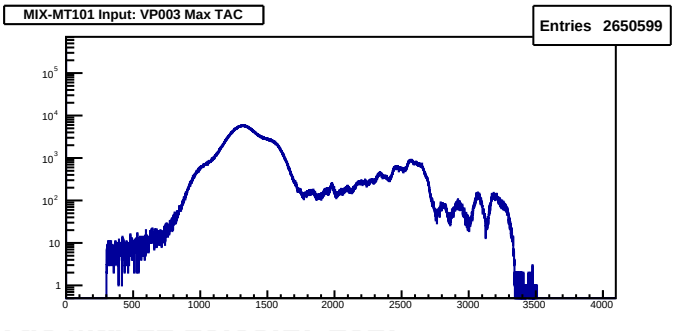

MXQ-MT004
Entries 8.481917e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

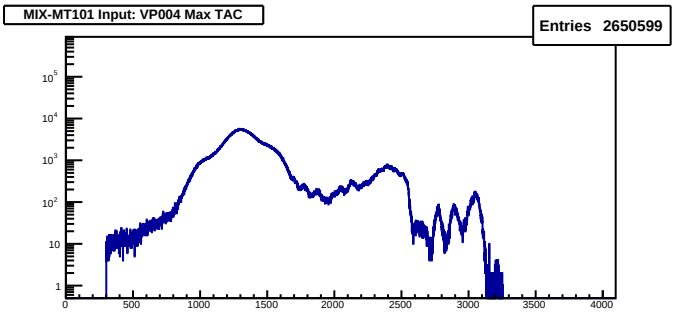

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5301198
TAC sum
1st-Best
2nd-Best
ID

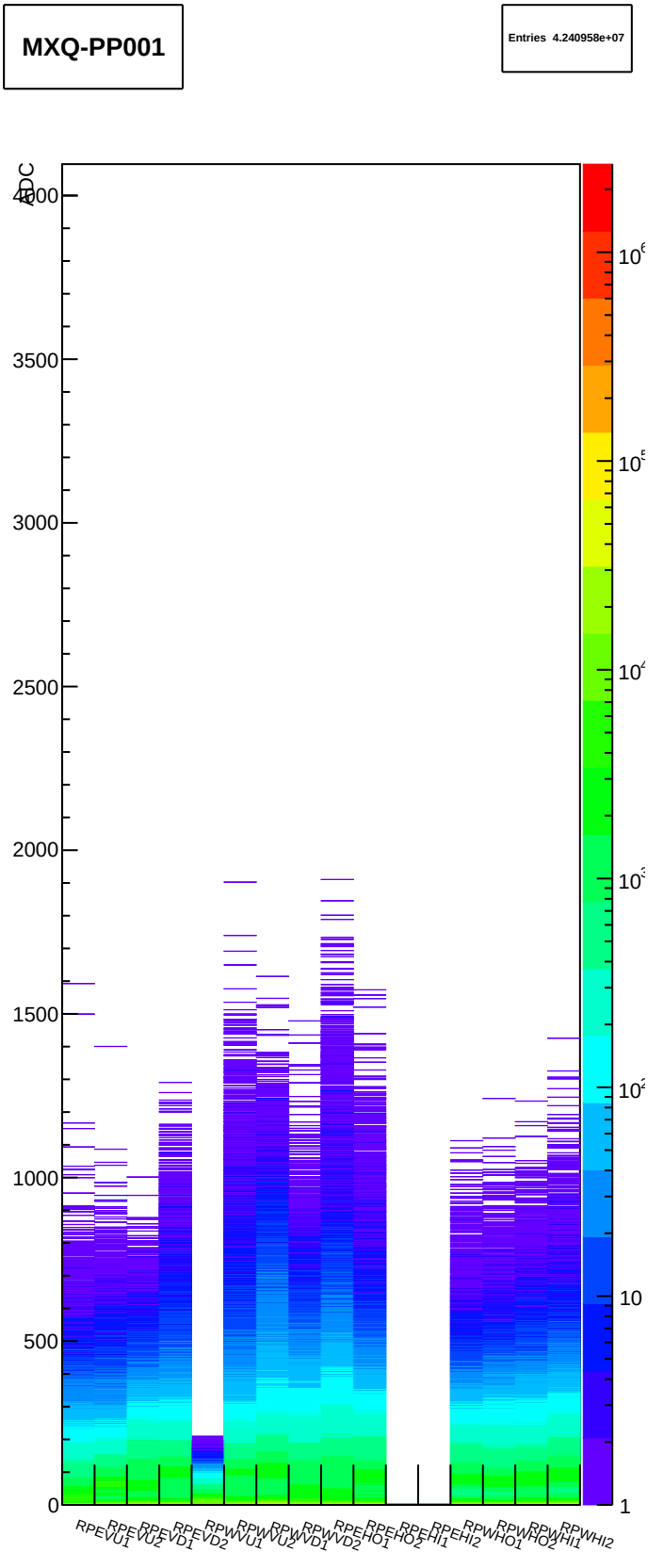

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5301198
TAC sum
1st-Best
2nd-Best
ID

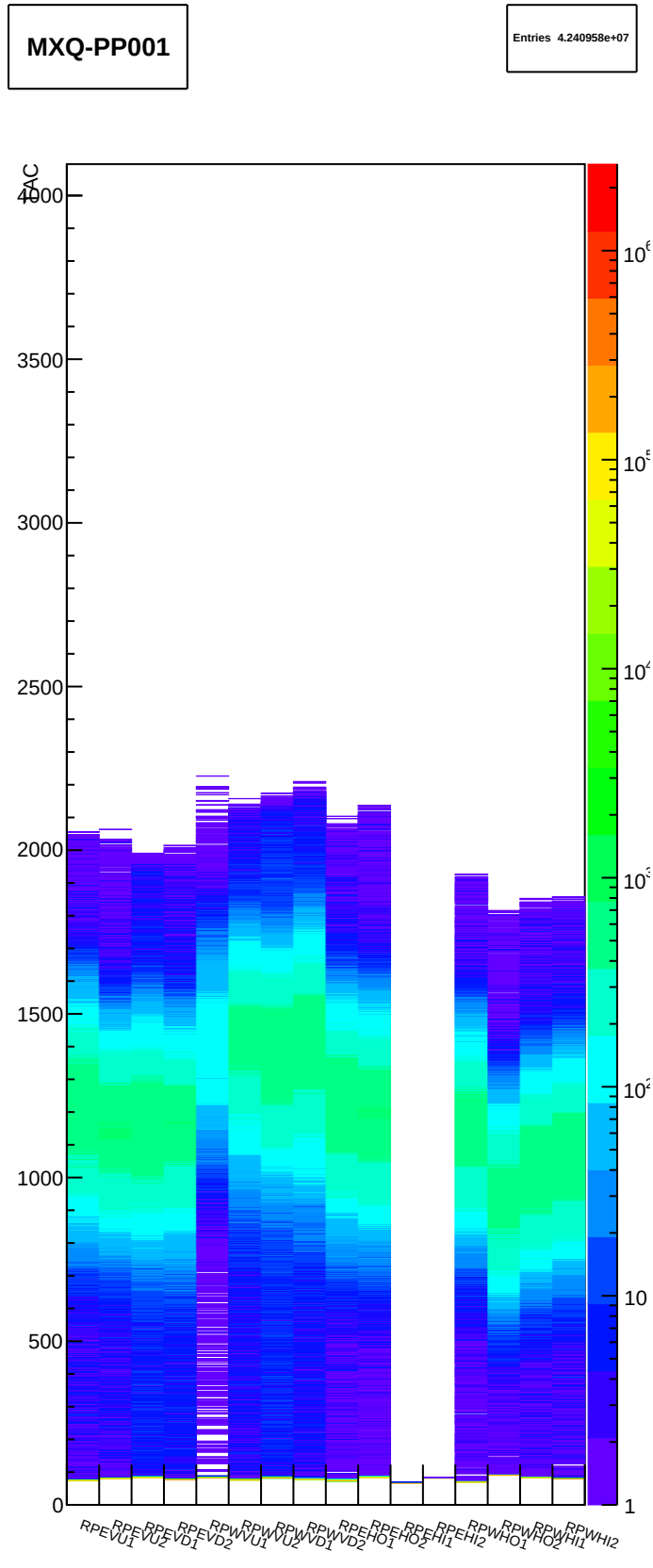

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5301198
TAC sum
1st-Best
2nd-Best
ID

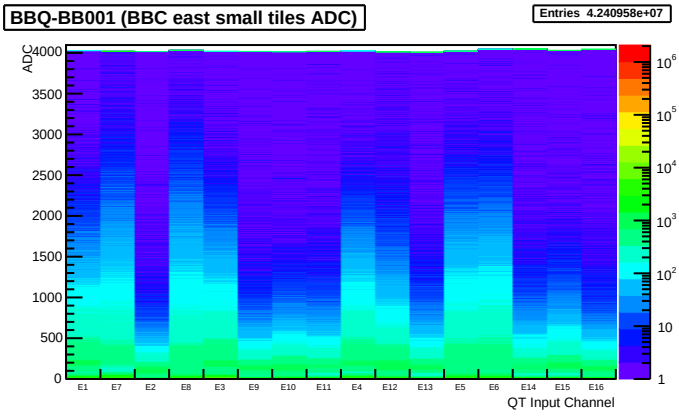

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5301198
TAC sum
1st-Best
2nd-Best
ID

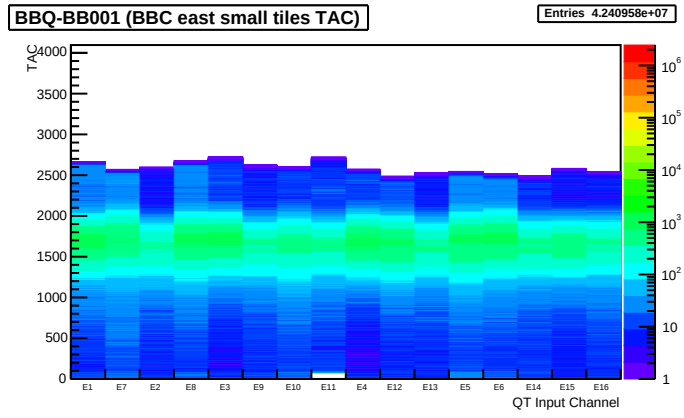

MIX-MT101 Input: VP003 Max TAC
Entries 2650599

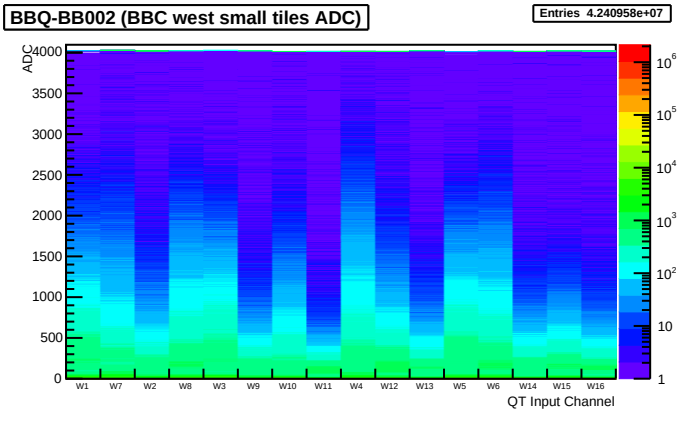

MIX-MT101 Input: VP004 Max TAC
Entries 2650599

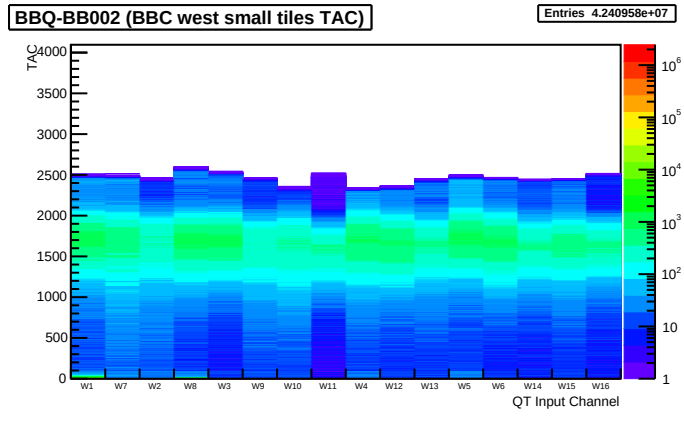

MXQ-PP001
Entries 4.240958e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

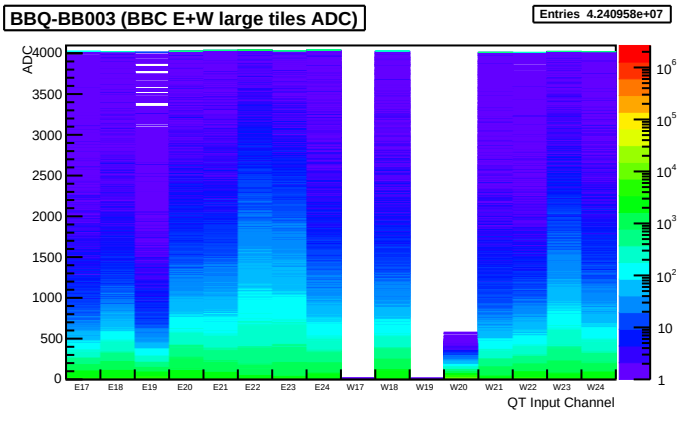

MXQ-PP001
Entries 4.240958e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

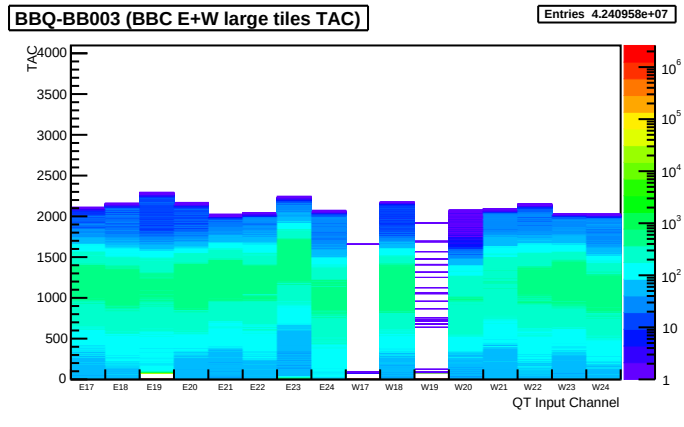

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.240958e+07
ADC
QT Input Channel

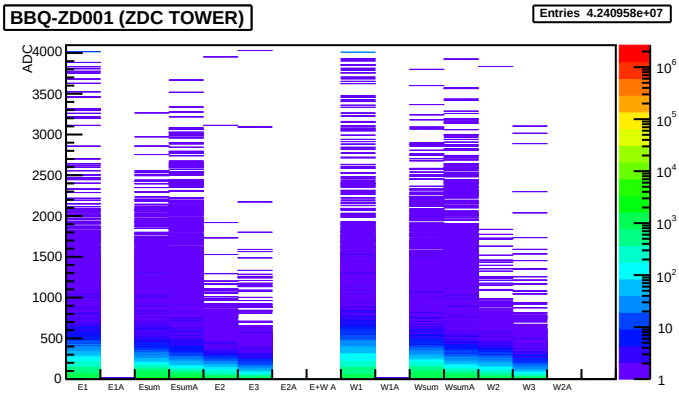

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.240958e+07
TAC
QT Input Channel

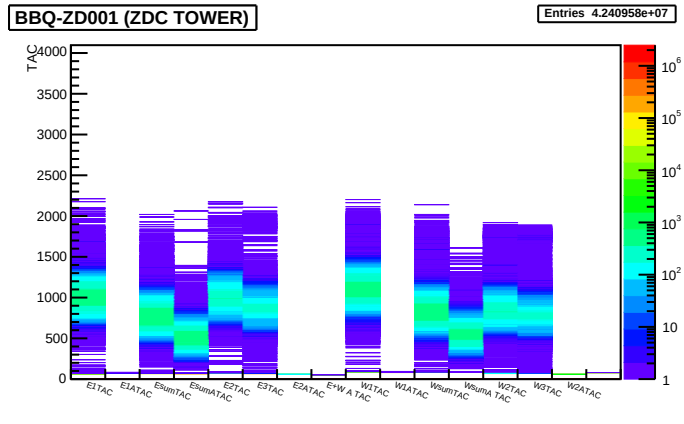

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.240958e+07
ADC
QT Input Channel

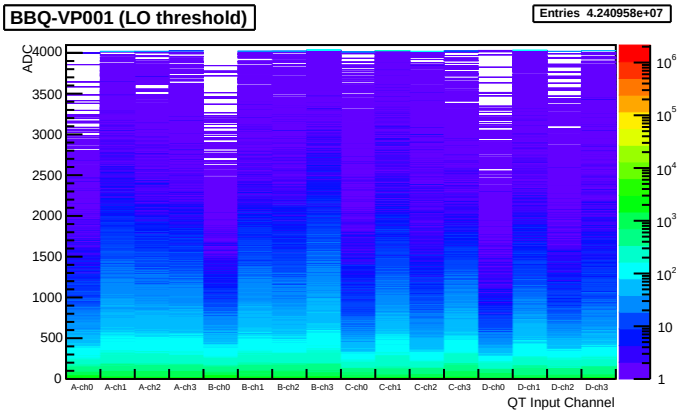

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.240958e+07
TAC
QT Input Channel

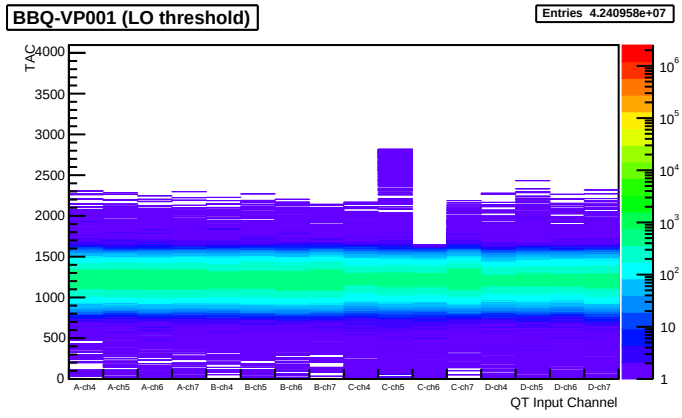

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.240958e+07
ADC
QT Input Channel

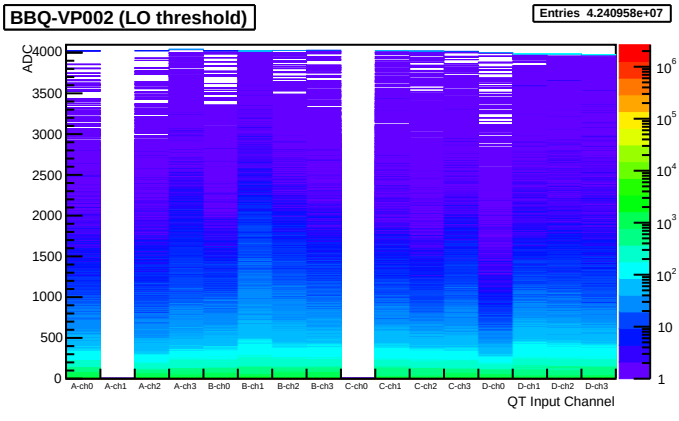

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.240958e+07
TAC
QT Input Channel

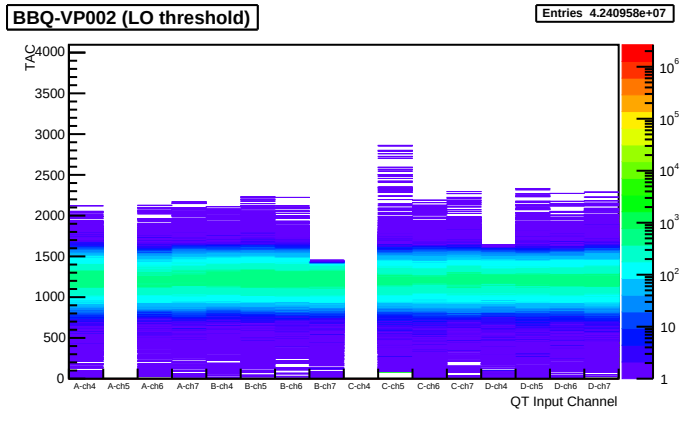

BBQ-ZD001 (ZDC TOWER)
Entries 4.240958e+07
ADC

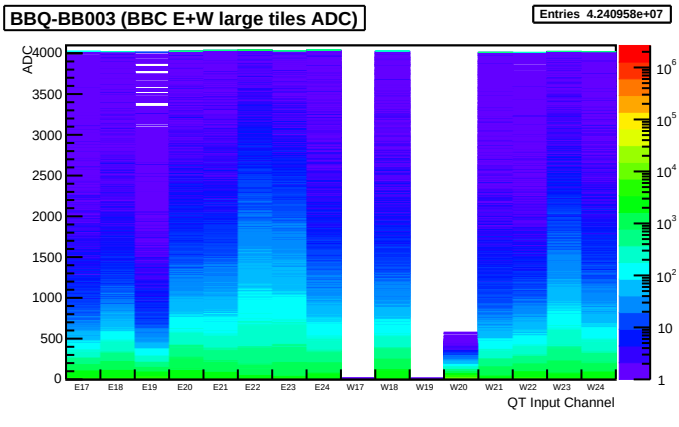

BBQ-ZD001 (ZDC TOWER)
Entries 4.240958e+07
TAC

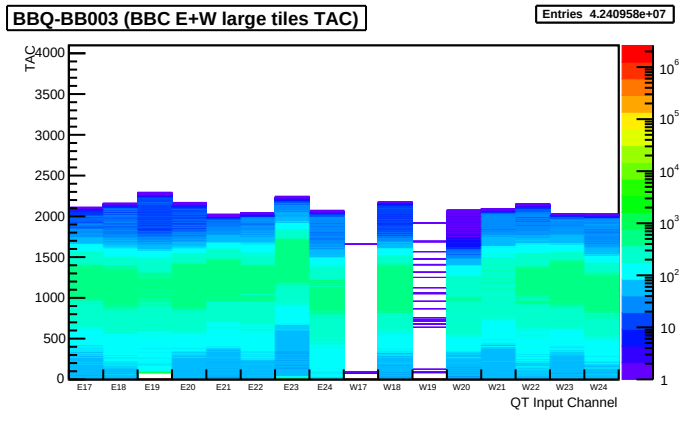

BBQ-VP001 (LO threshold)
Entries 4.240958e+07
ADC
QT Input Channel

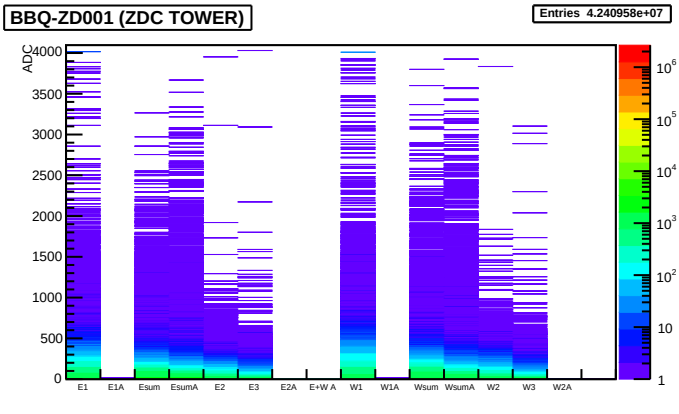

BBQ-VP001 (LO threshold)
Entries 4.240958e+07
TAC
QT Input Channel

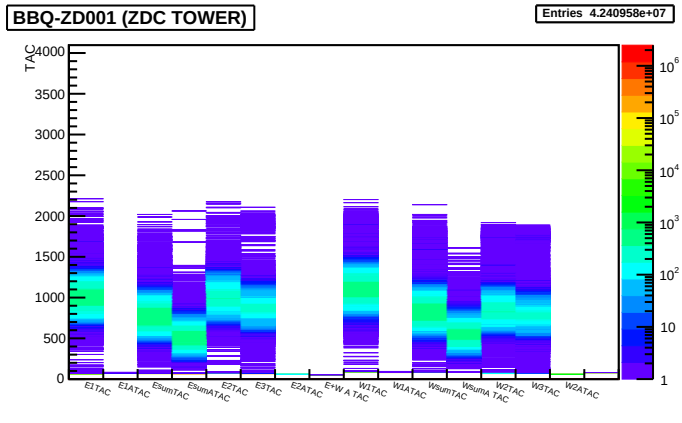

BBQ-VP002 (LO threshold)
Entries 4.240958e+07
ADC
QT Input Channel

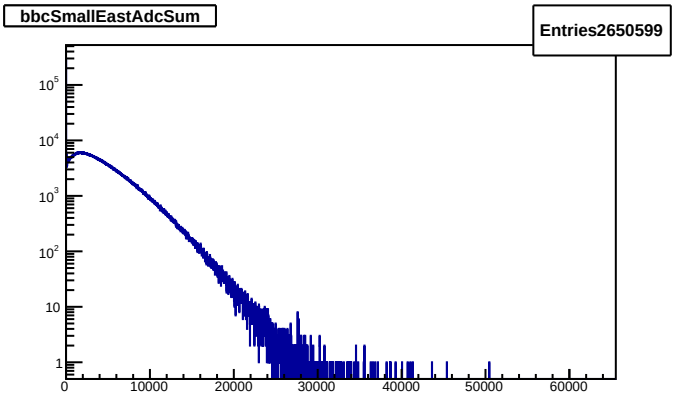

BBQ-VP002 (LO threshold)
Entries 4.240958e+07
TAC
QT Input Channel

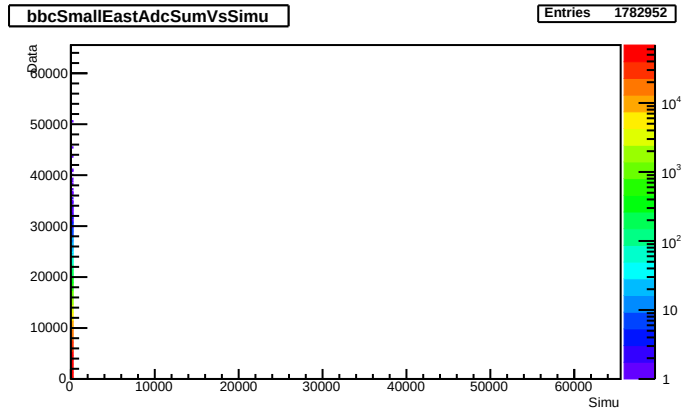

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.240958e+07
ADC
QT Input Channel

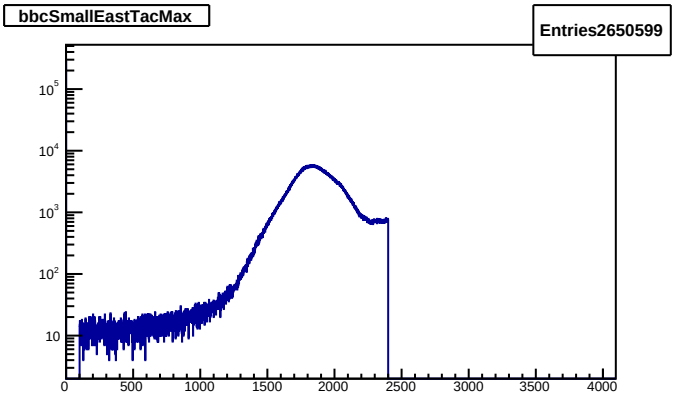

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.240958e+07
TAC
QT Input Channel

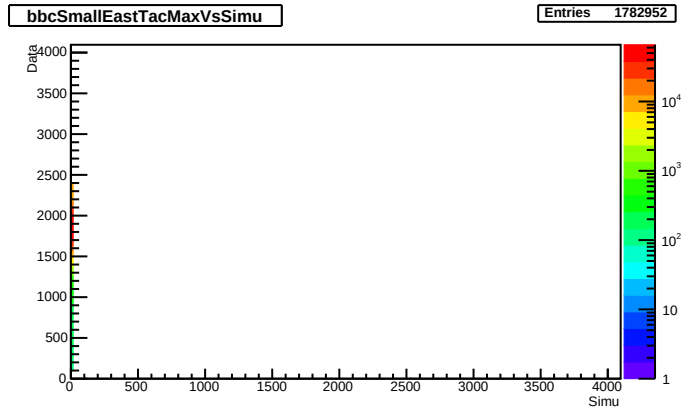

BBQ-ZD001 (ZDC TOWER)
Entries 4.240958e+07
ADC

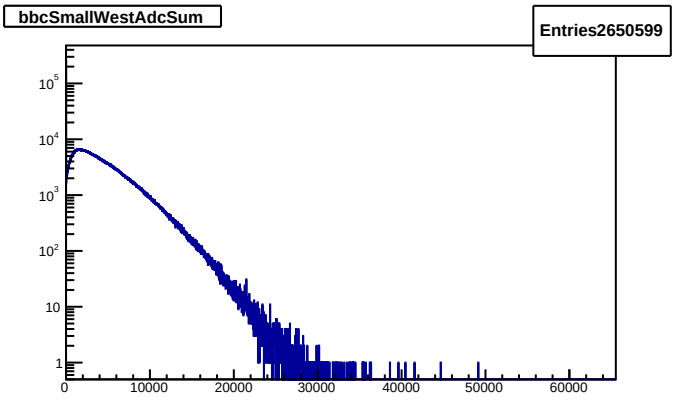

BBQ-ZD001 (ZDC TOWER)
Entries 4.240958e+07
TAC

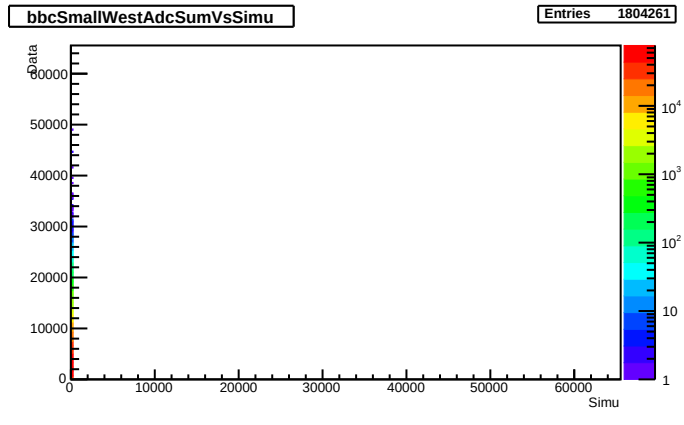

bbcSmallEastAdcSum
Entries2650599

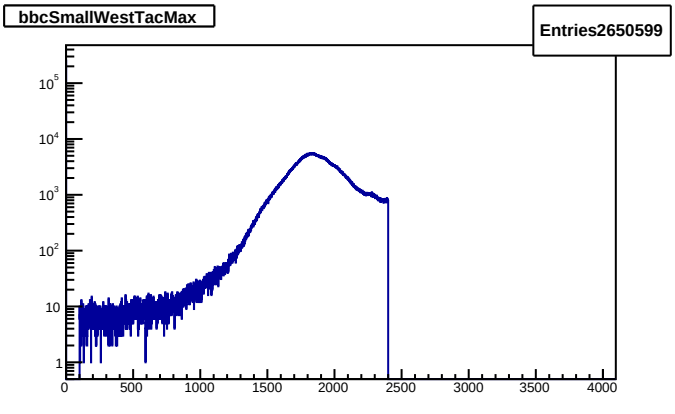

bbcSmallEastAdcSumVsSimu
Entries 1782952
Data
Simu

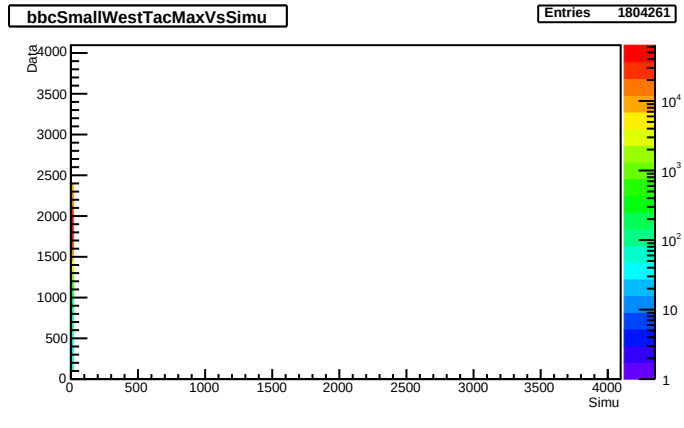

bbcSmallEastTacMax
Entries2650599

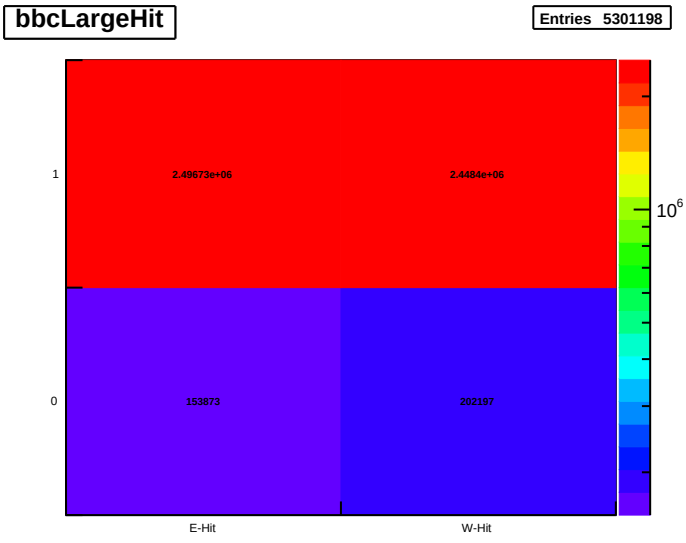

bbcSmallEastTacMaxVsSimu
Entries 1782952
Data
Simu

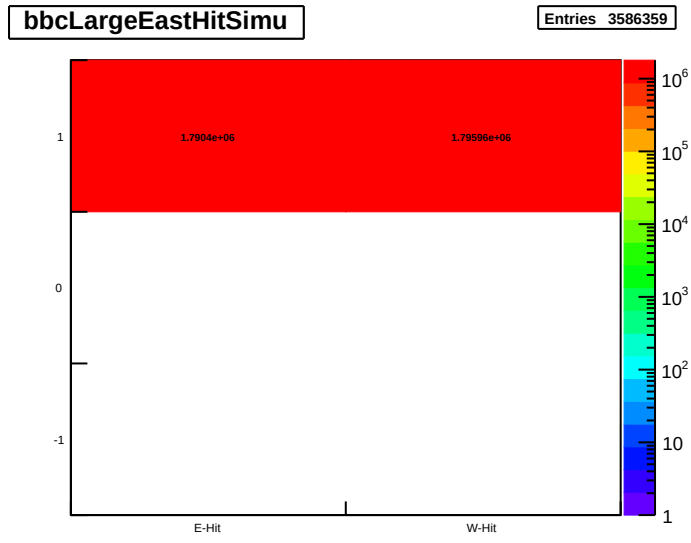

bbcSmallWestAdcSum
Entries2650599

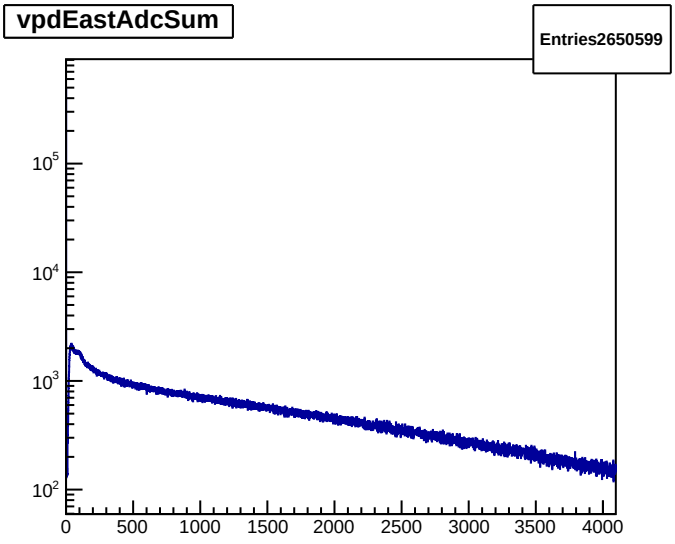

bbcSmallWestAdcSumVsSimu
Entries 1804261
Data
Simu

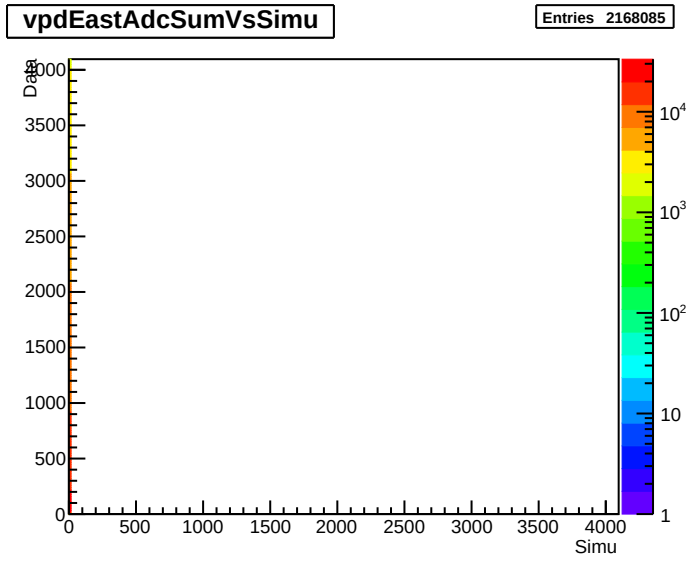

bbcSmallWestTacMax
Entries2650599

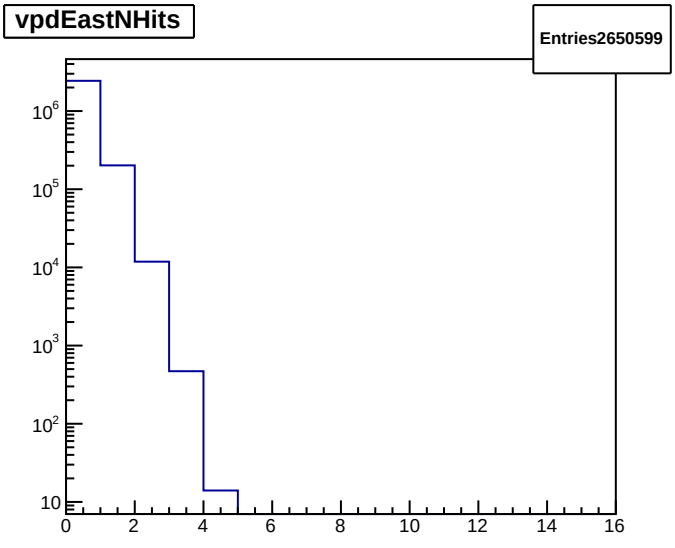

bbcSmallWestTacMaxVsSimu
Entries 1804261
Data
Simu

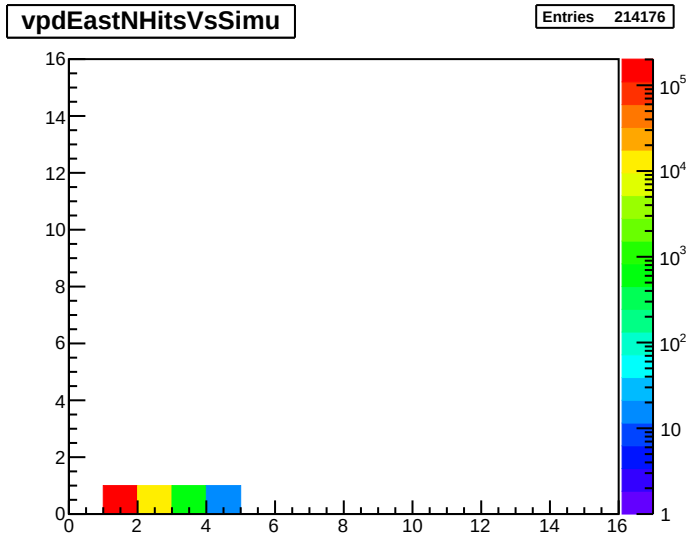

bbcLargeHit
Entries 5301198
1
0
2.49673e+06
2.4484e+06
153873
202197
E-Hit
W-Hit
10^6

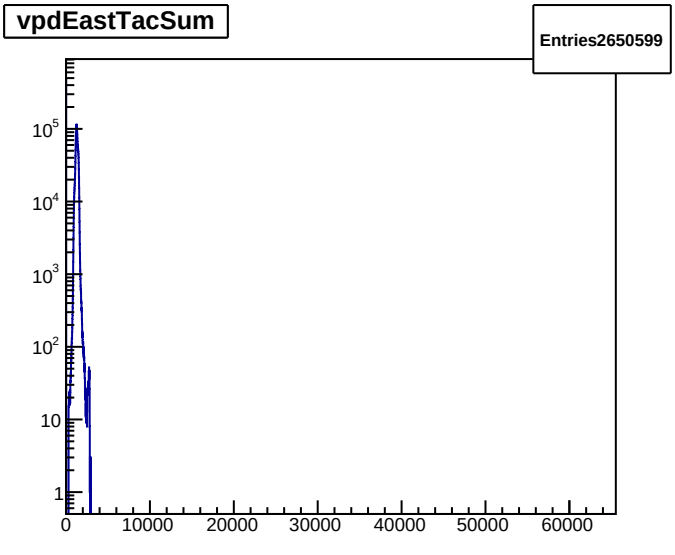

bbcLargeEastHitSimu
Entries 3586359
1
0
-1
1.7904e+06
1.79596e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

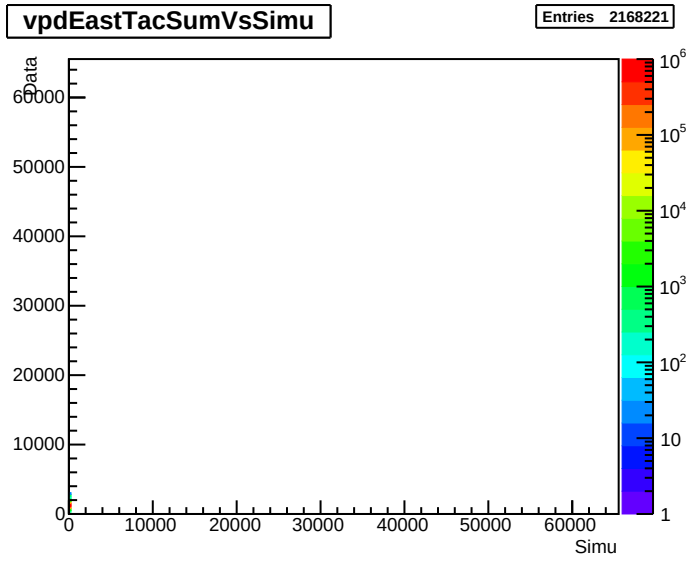

vpdEastAdcSum
Entries2650599

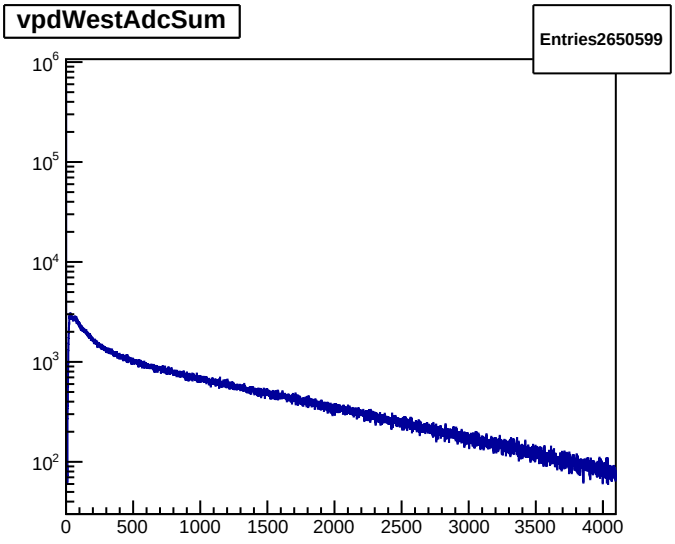

vpdEastAdcSumVsSimu
Entries 2168085
Data
Simu

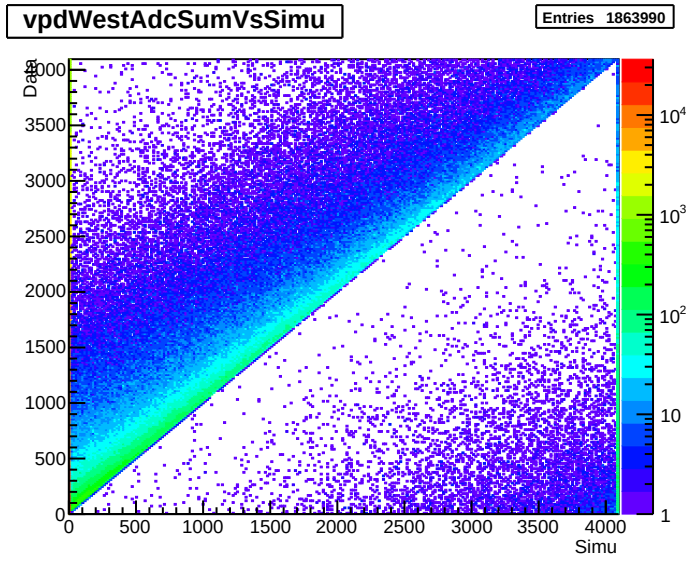

vpdEastNHits
Entries2650599

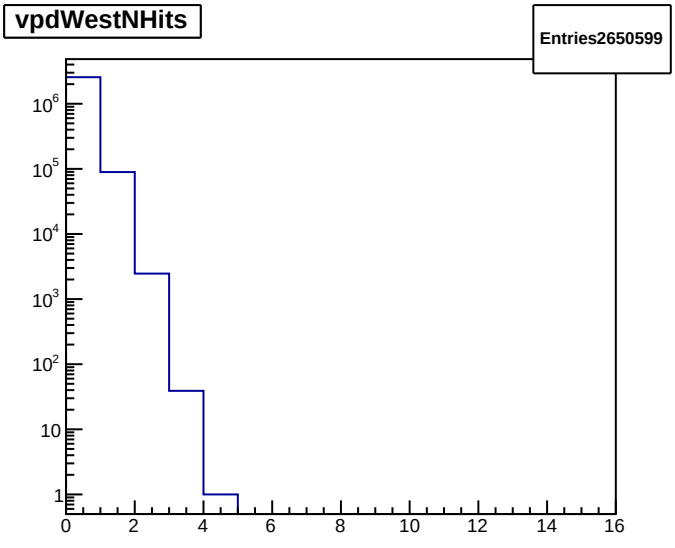

vpdEastNHitsVsSimu
Entries 214176

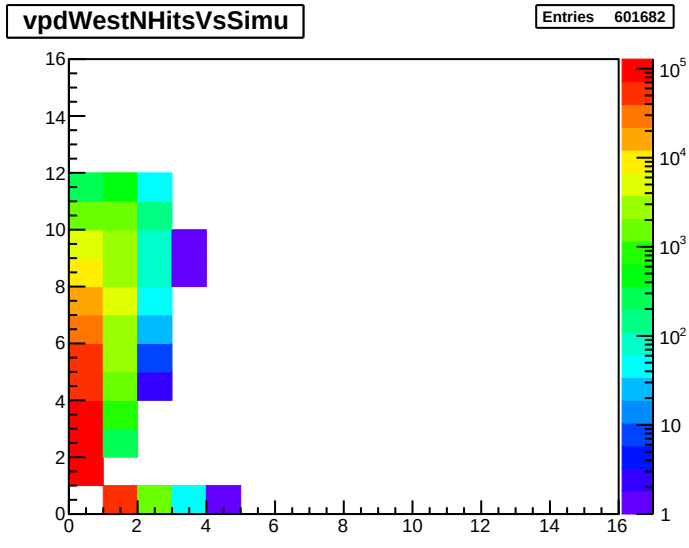

vpdEastTacSum
Entries2650599

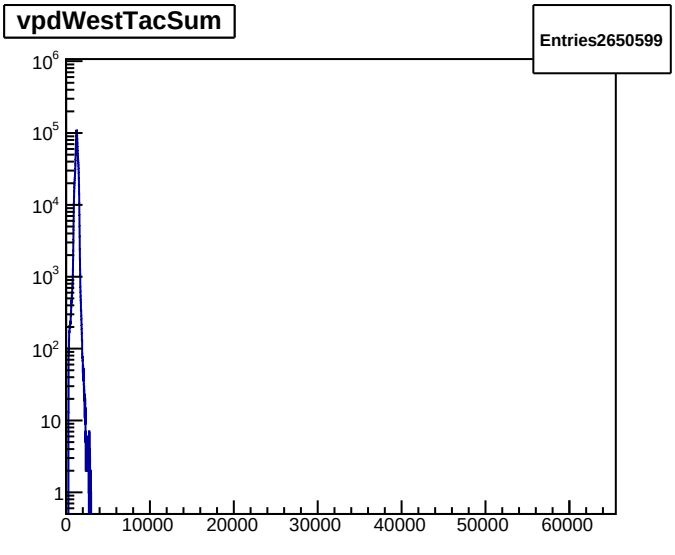

vpdEastTacSumVsSimu
Entries 2168221
Data
Simu

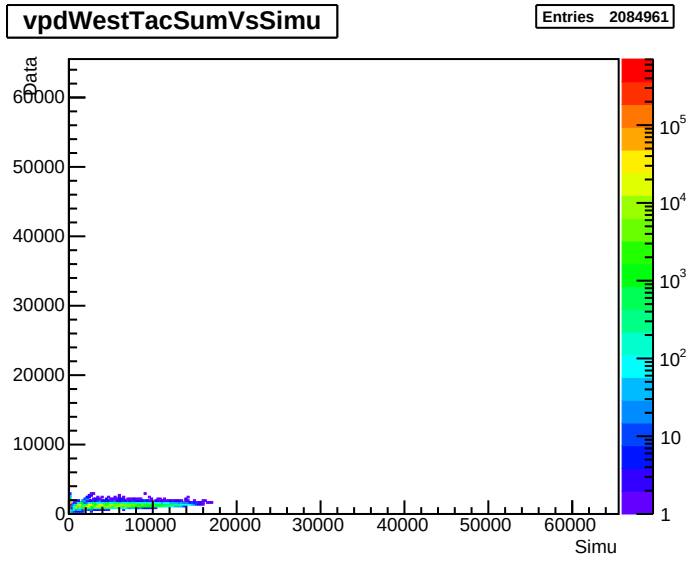

vpdWestAdcSum
Entries2650599

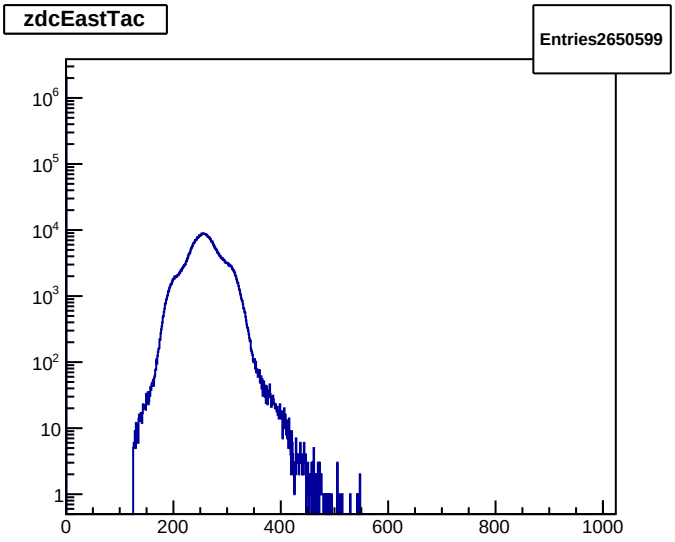

vpdWestAdcSumVsSimu
Entries 1863990
Data
Simu

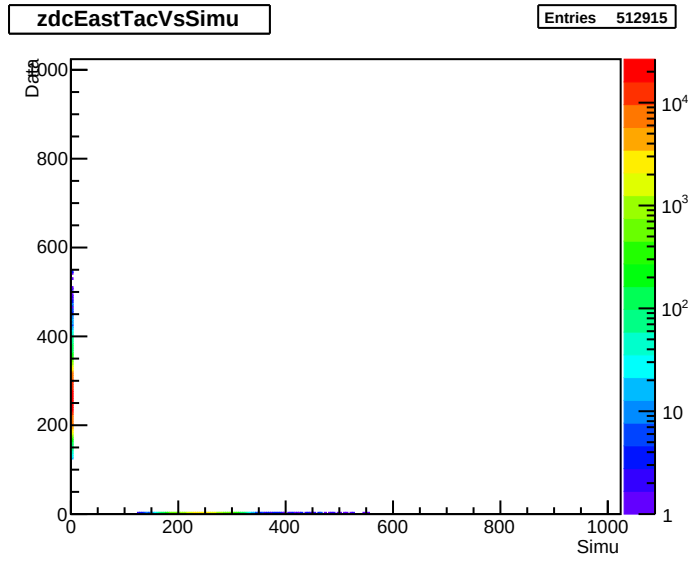

vpdWestNHits
Entries2650599

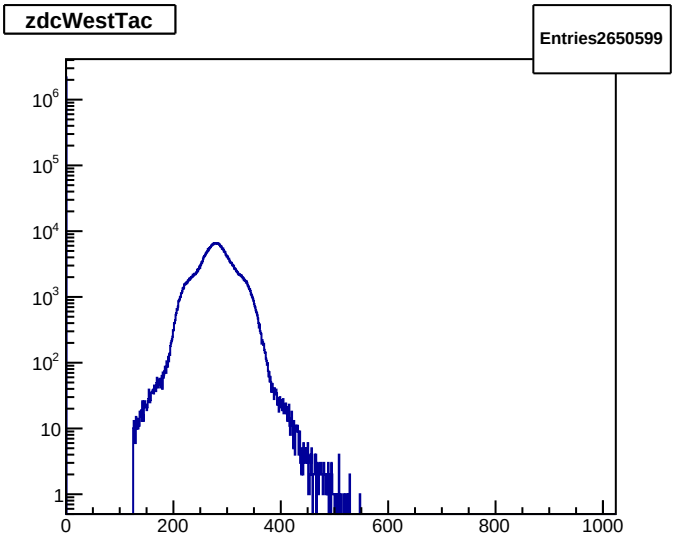

vpdWestNHitsVsSimu
Entries 601682

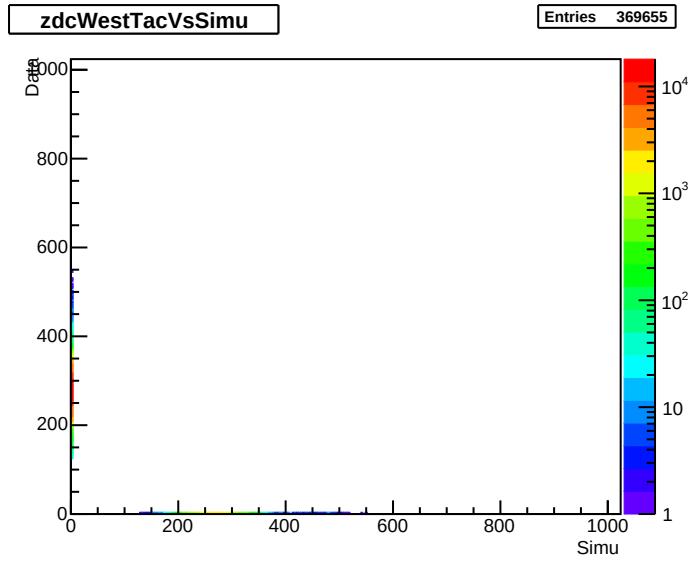

vpdWestTacSum
Entries2650599

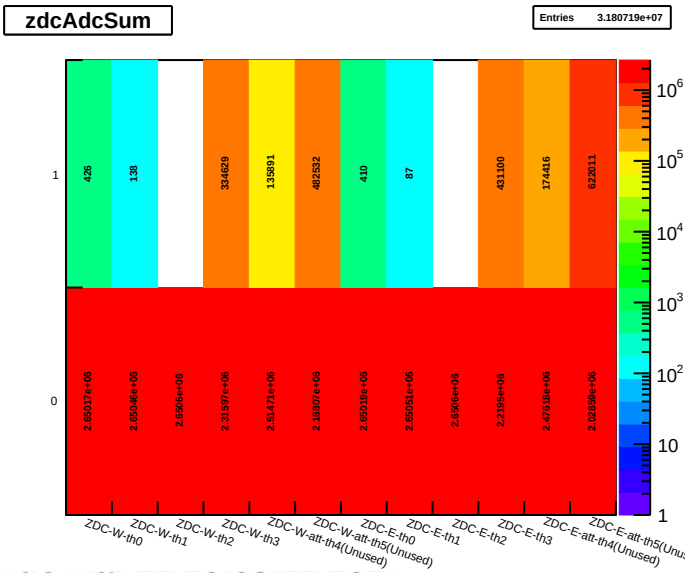

vpdWestTacSumVsSimu
Entries 2084961
Data
Simu

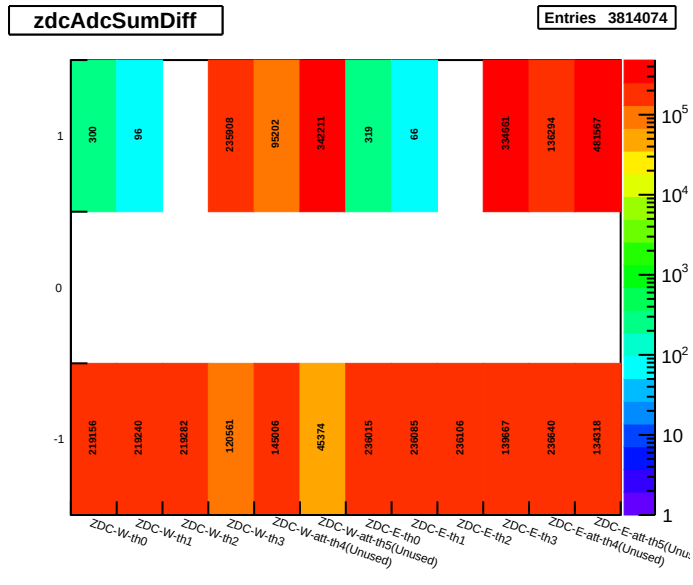

zdcEastTac
Entries2650599

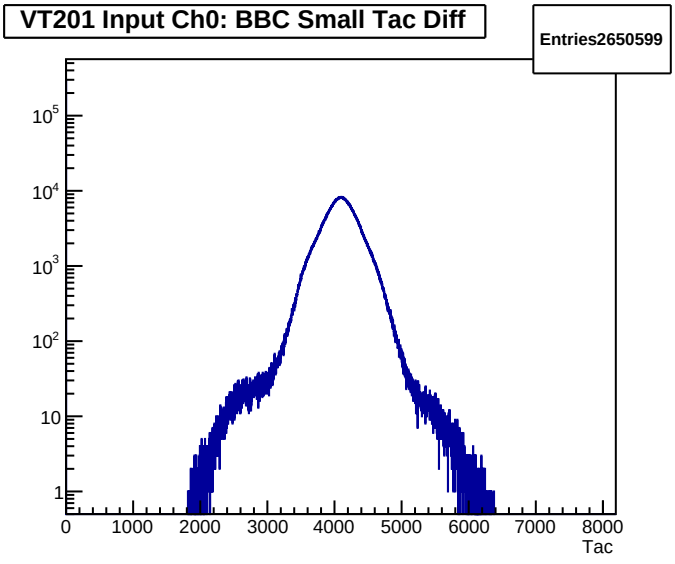

zdcEastTacVsSimu
Entries 512915
Data
Simu

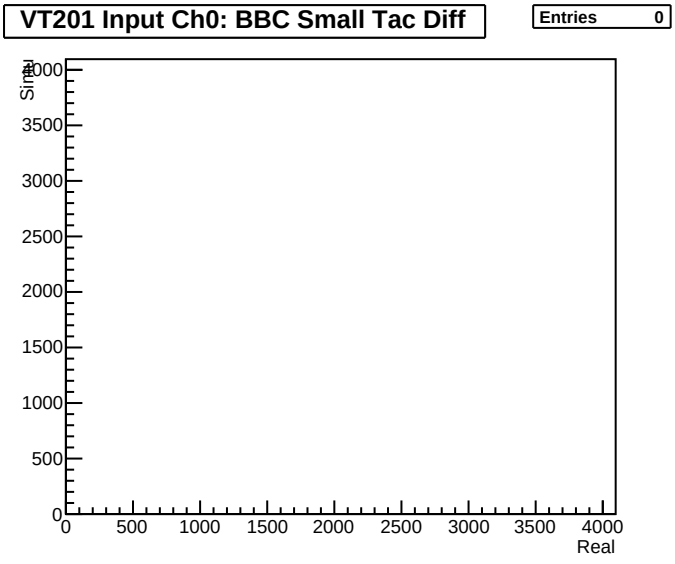

zdcWestTac
Entries2650599

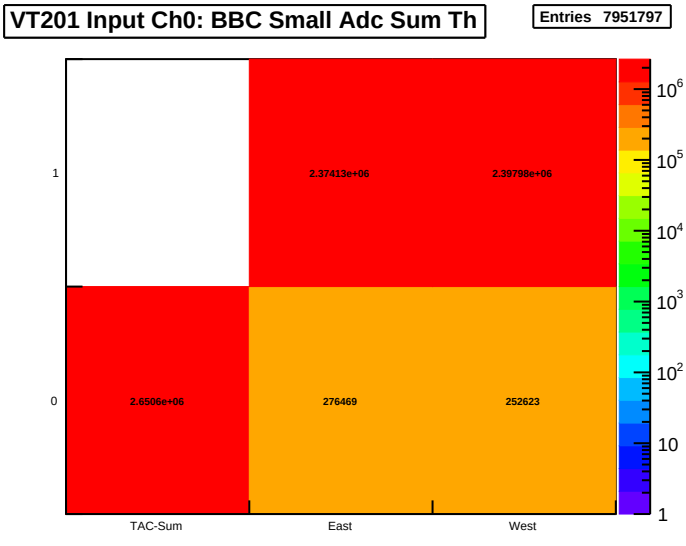

zdcWestTacVsSimu
Entries 369655
Data
Simu

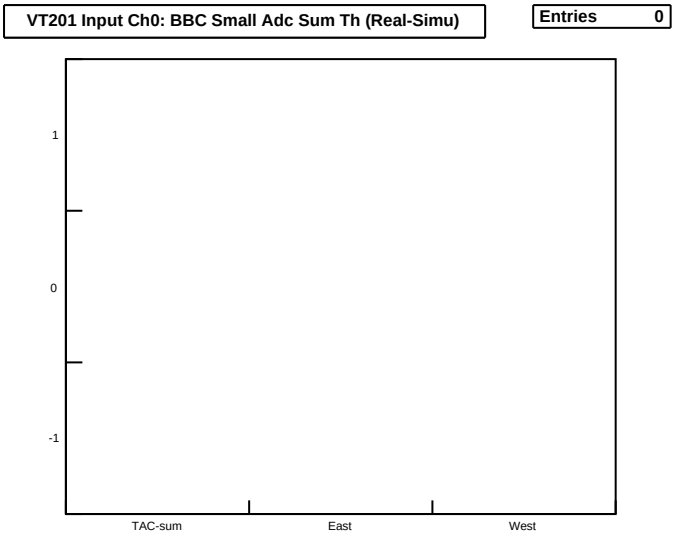

zdcAdcSum
Entries 3.180719e+07
426
138
334629
135891
482532
410
87
431100
174416
622011
2.65017e+06
2.65046e+06
2.6506e+06
2.31597e+06
2.51471e+06
2.16807e+06
2.65019e+06
2.65051e+06
2.6506e+06
2.2195e+06
2.47618e+06
2.02859e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

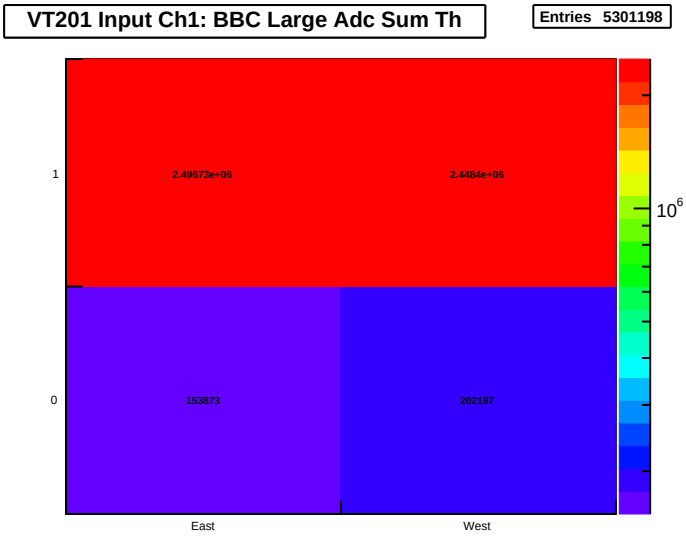

zdcAdcSumDiff
Entries 3814074
300
96
239908
95202
342211
319
66
334661
136294
481567
219156
219240
219282
120561
145006
45374
236015
236085
236106
139667
236640
134318
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

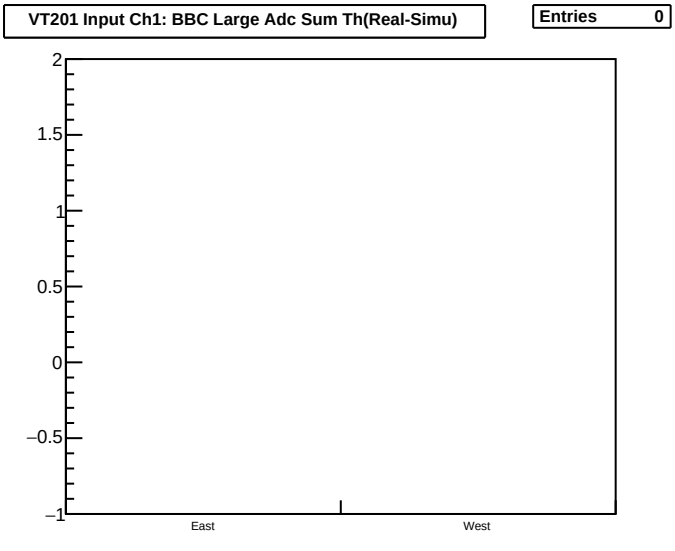

VT201 Input Ch0: BBC Small Tac Diff
Entries2650599
Tac


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

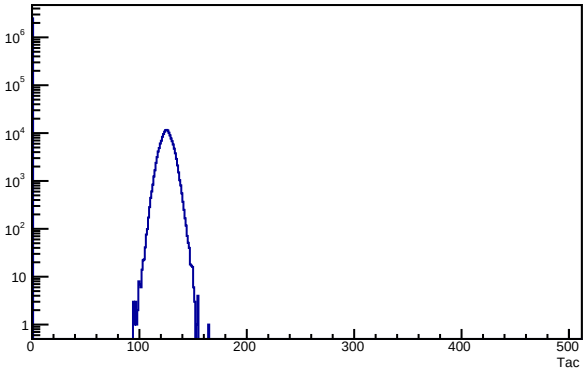

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7951797
2.37413e+06
2.39798e+06
2.6506e+06
276469
252623
TAC-Sum
East
West


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

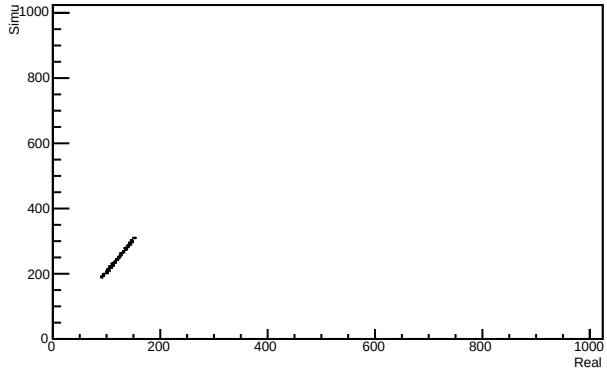

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5301198
2.49673e+06
2.4484e+06
153873
202197
East
West


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

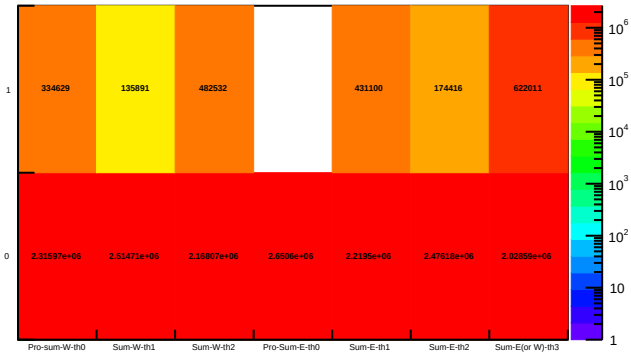
VT201 Input Ch2: ZDC Tac Diff



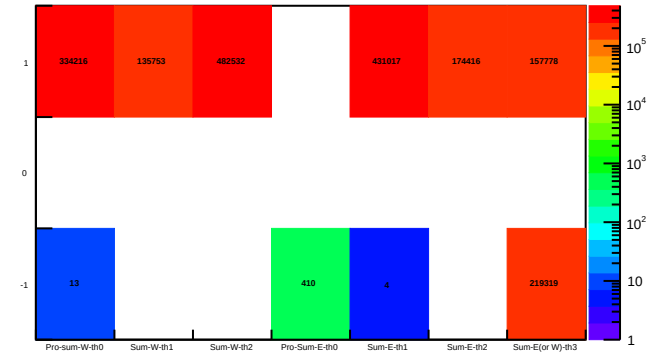
VT201 Input Ch2: ZDC Tac Diff



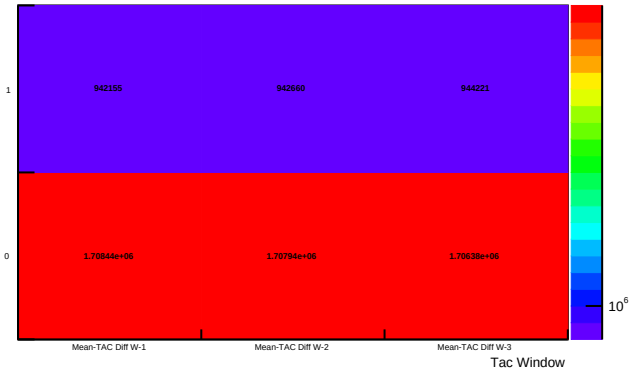
VT201 Input Ch2: ZDC Adc Sum Th



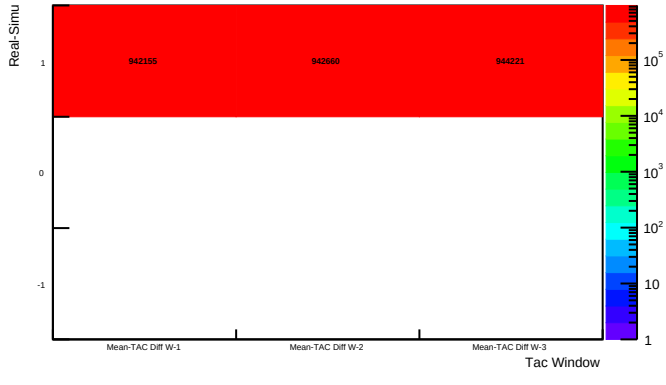
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



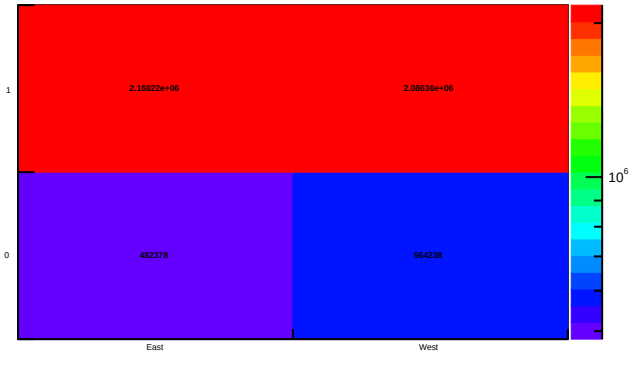
VT201 Input Ch4: VPD Tac Diff



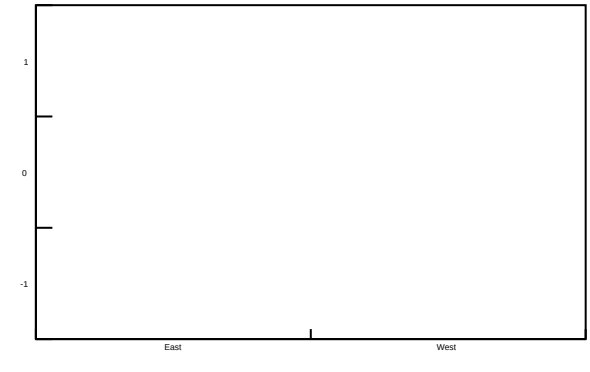
VT201 Input Ch4: VPD Tac Diff

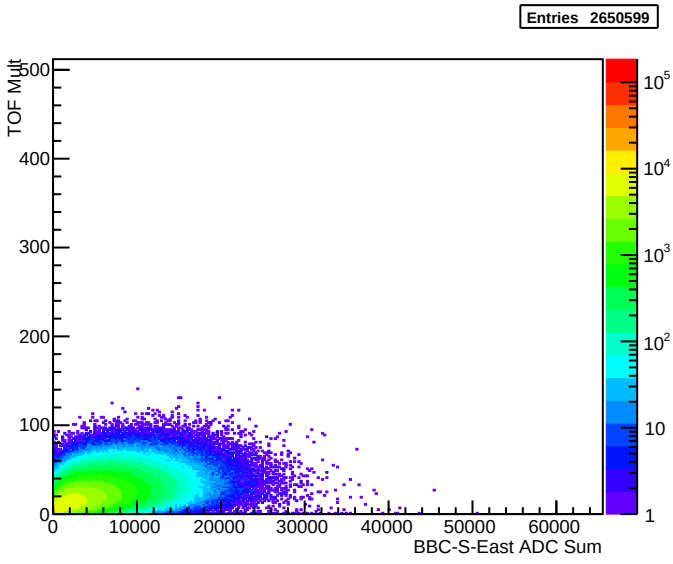


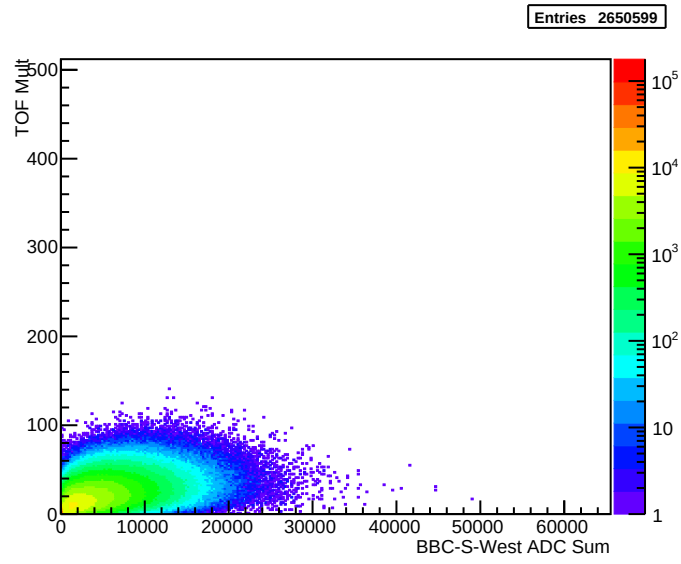
VT201 Input Ch4: VPD Adc Sum Th

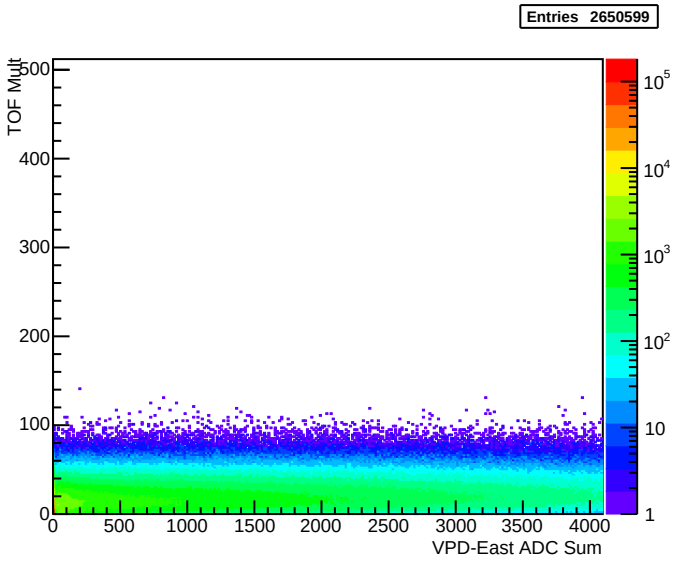


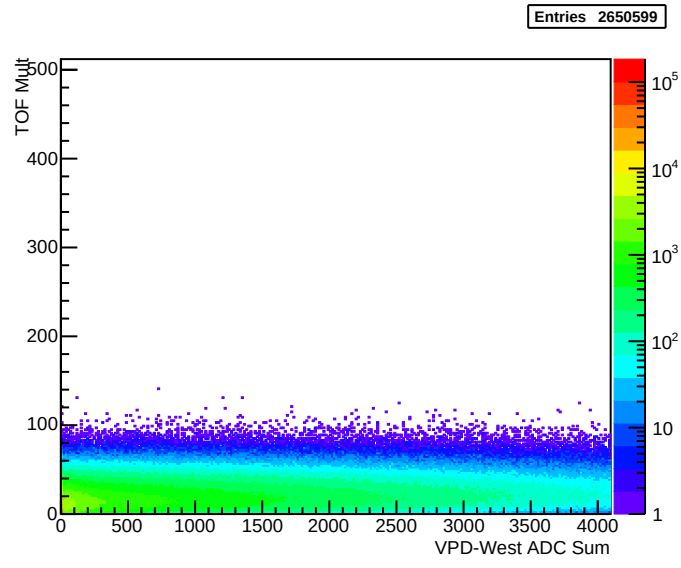
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

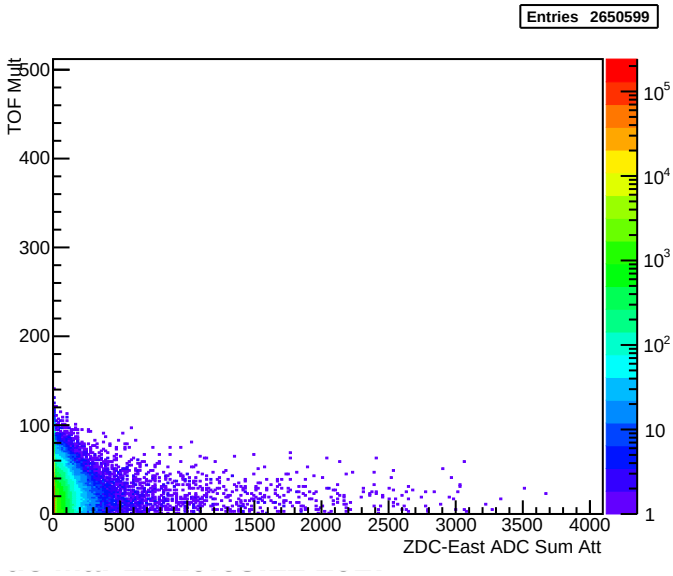


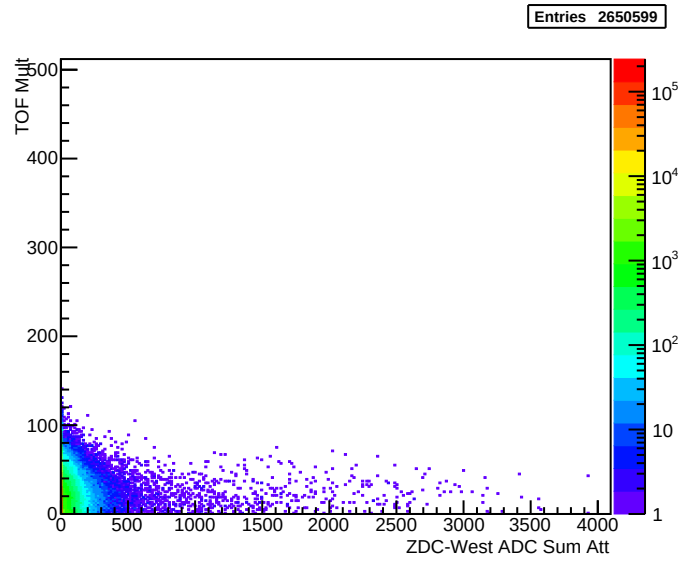

Entries 2650599
TOF Mult
BBC-S-East ADC Sum

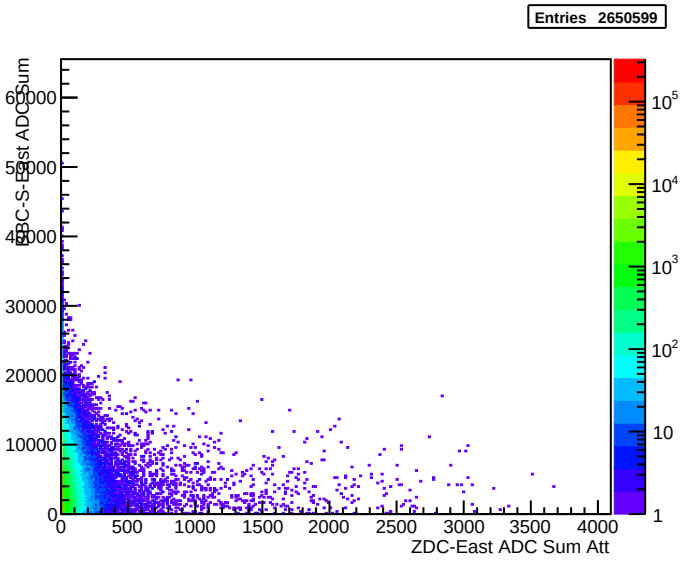

Entries 2650599
TOF Mult
BBC-S-West ADC Sum

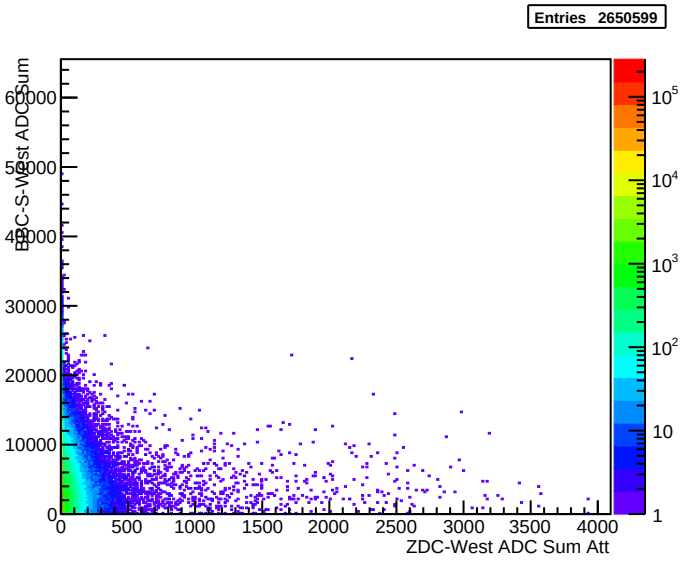

Entries 2650599
TOF Mult
VPD-East ADC Sum

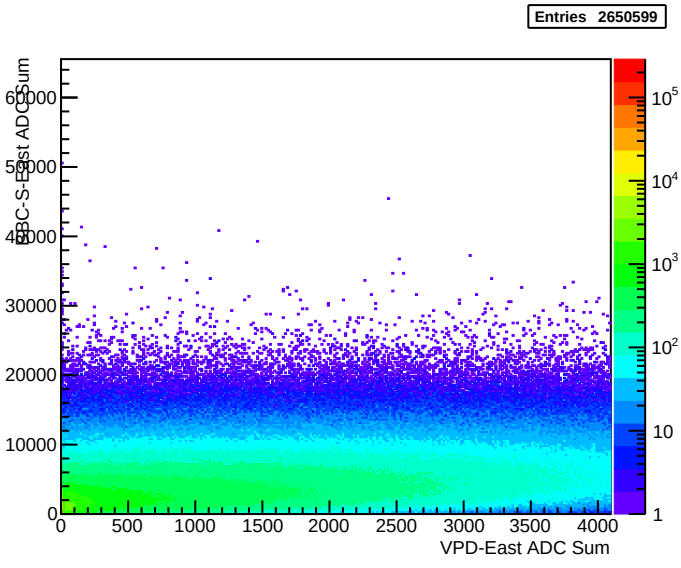

Entries 2650599
TOF Mult
VPD-West ADC Sum

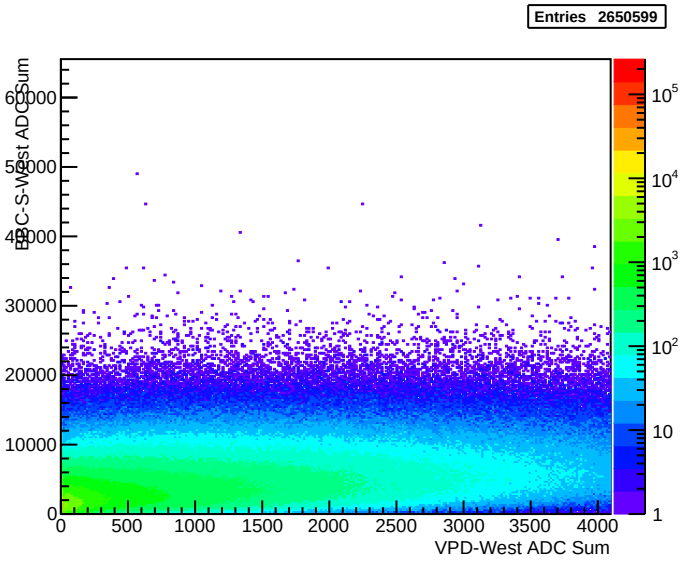

Entries 2650599
TOF Mult
ZDC-East ADC Sum Att

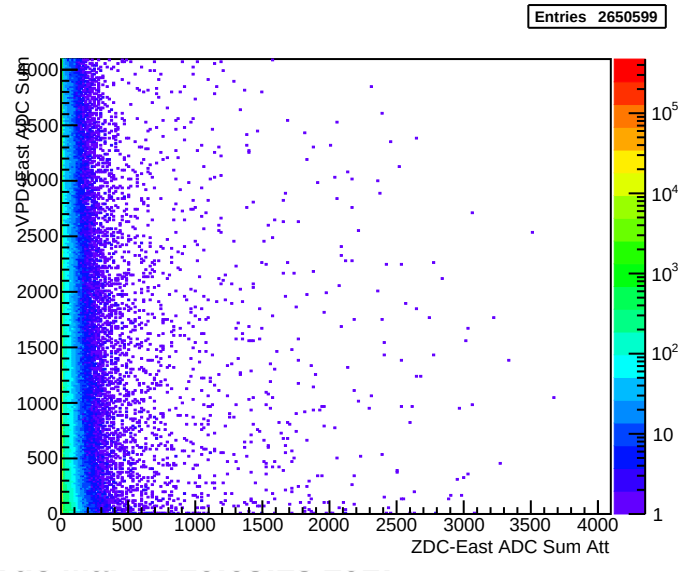

Entries 2650599
TOF Mult
ZDC-West ADC Sum Att

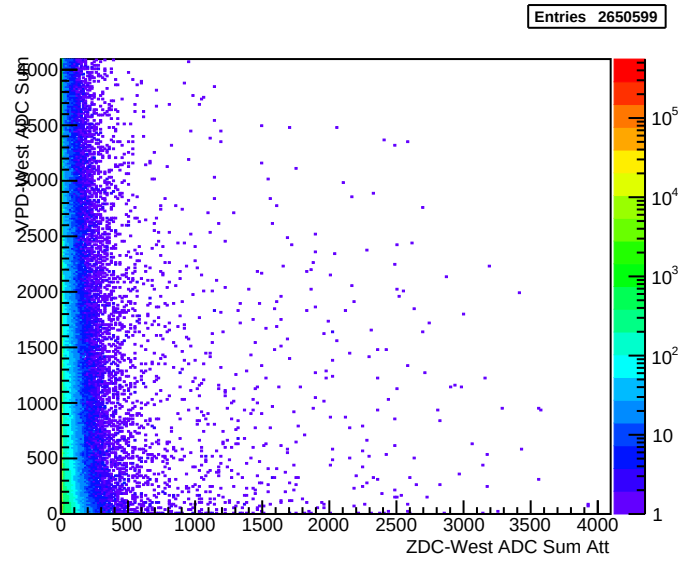

Entries 2650599
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

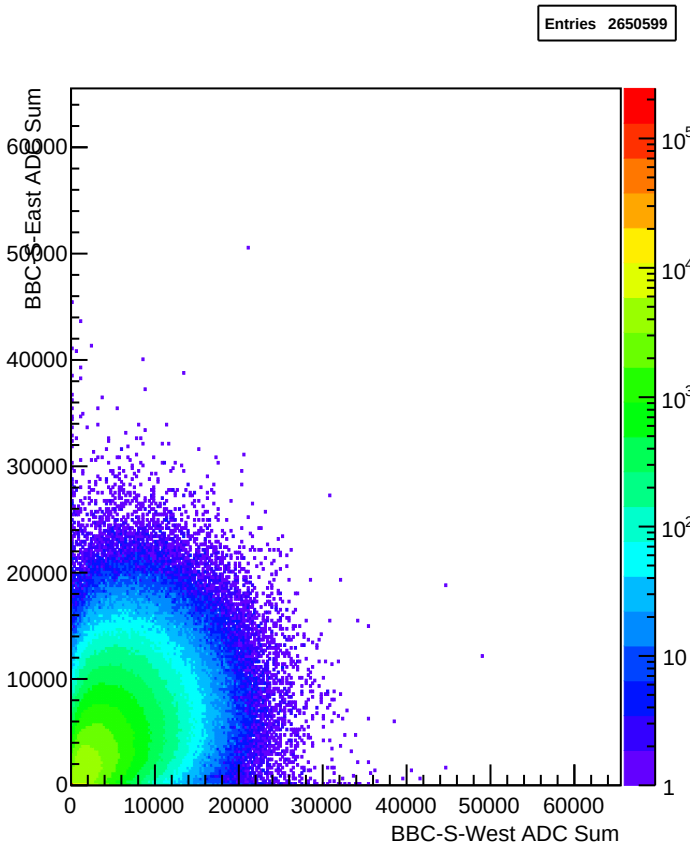

Entries 2650599
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

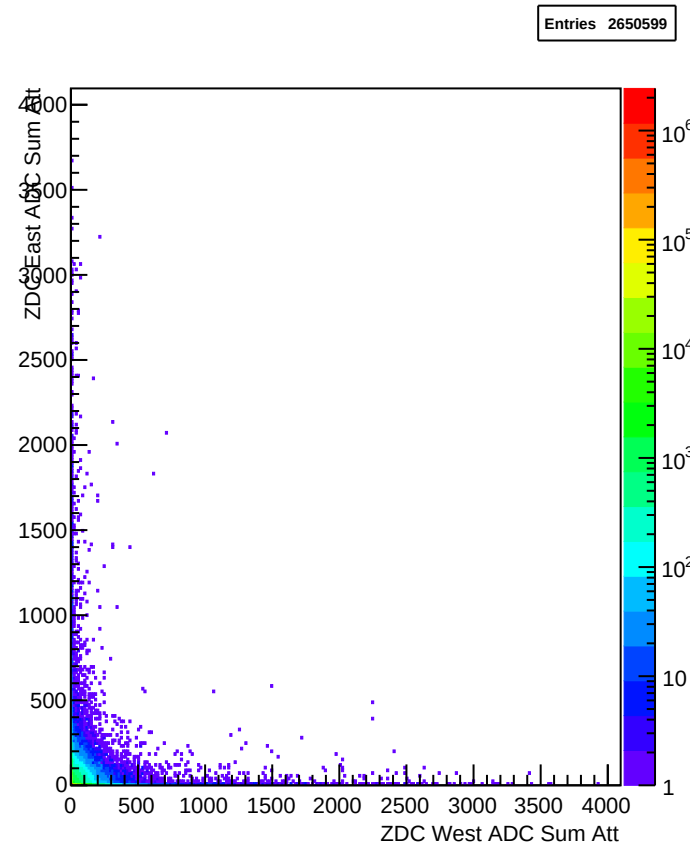

Entries 2650599
BBC-S-East ADC Sum
VPD-East ADC Sum

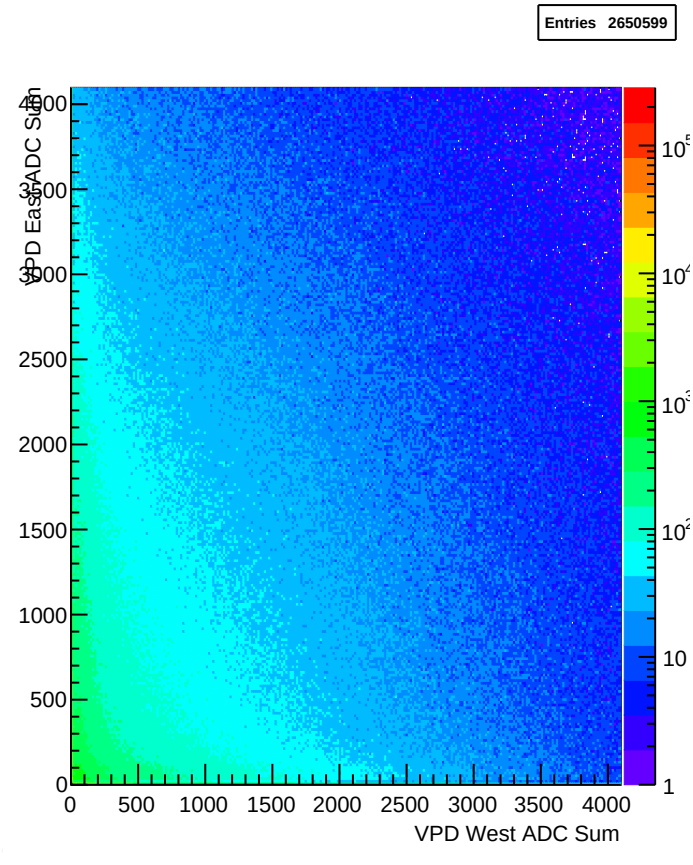

Entries 2650599
BBC-S-West ADC Sum
VPD-West ADC Sum

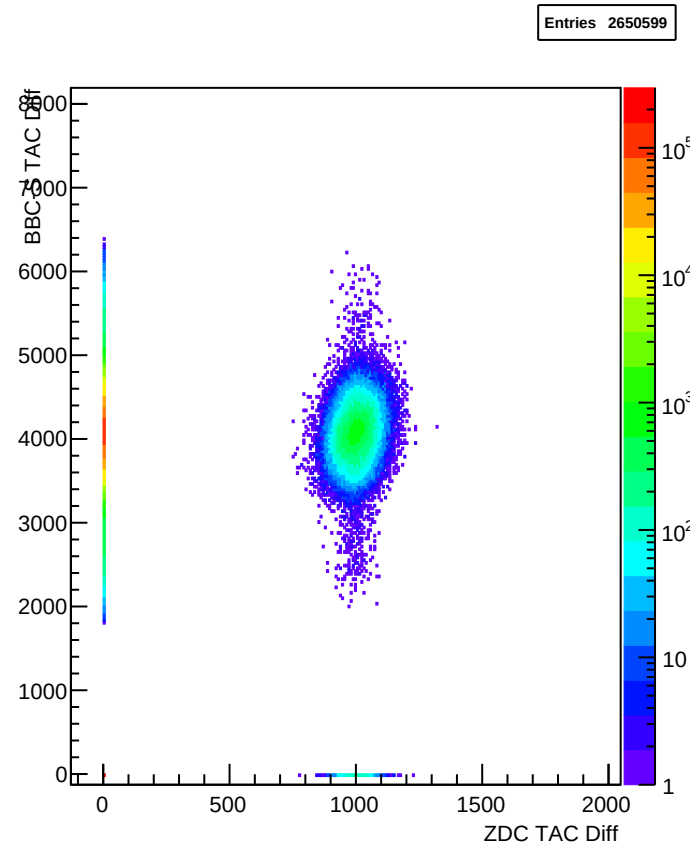

Entries 2650599
VPD-East ADC Sum
ZDC-East ADC Sum Att

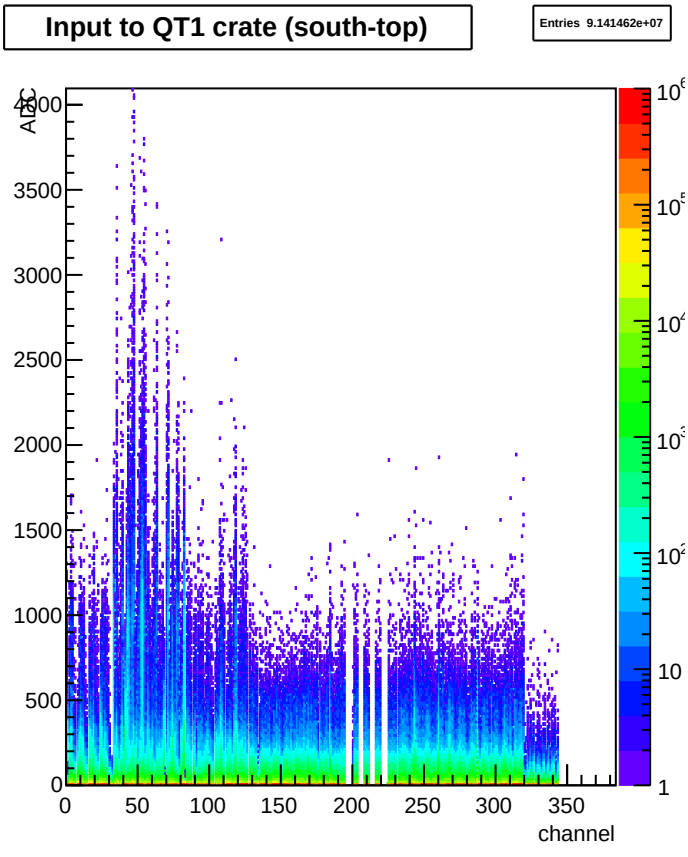

Entries 2650599
VPD-West ADC Sum
ZDC-West ADC Sum Att

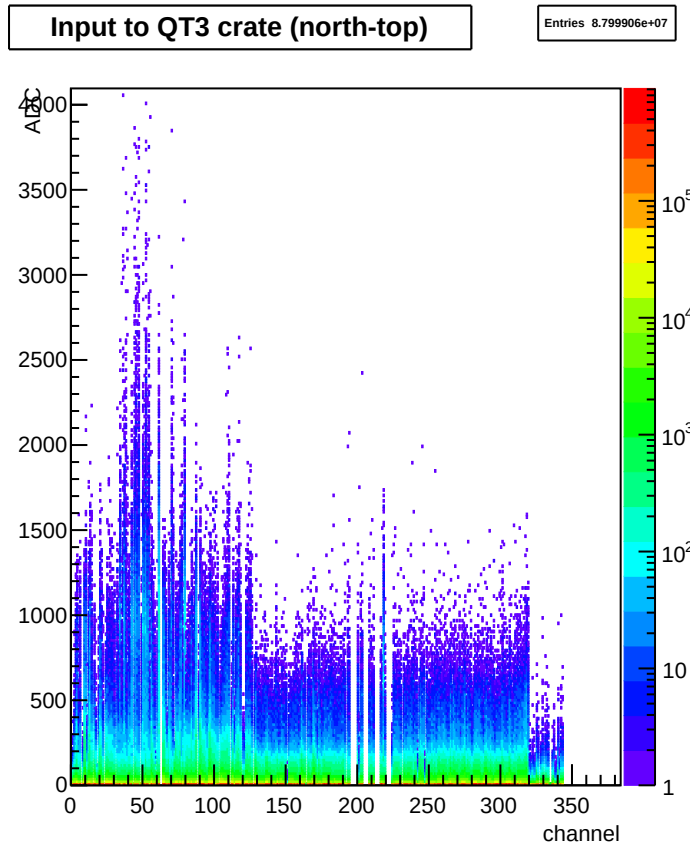

Entries 2650599
BBC-S-East ADC Sum
BBC-S-West ADC Sum

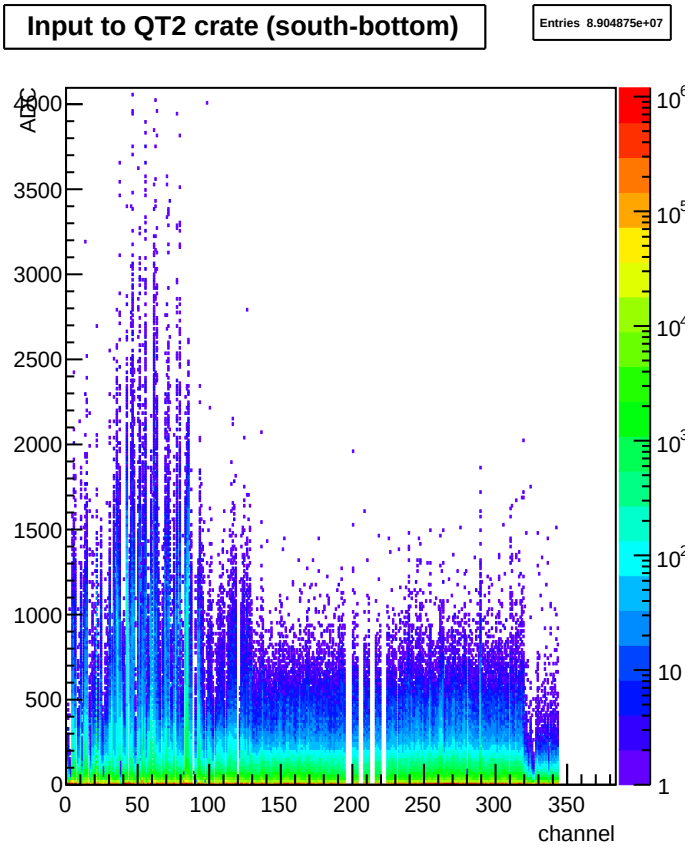

Entries 2650599
ZDC East ADC Sum Att
ZDC West ADC Sum Att

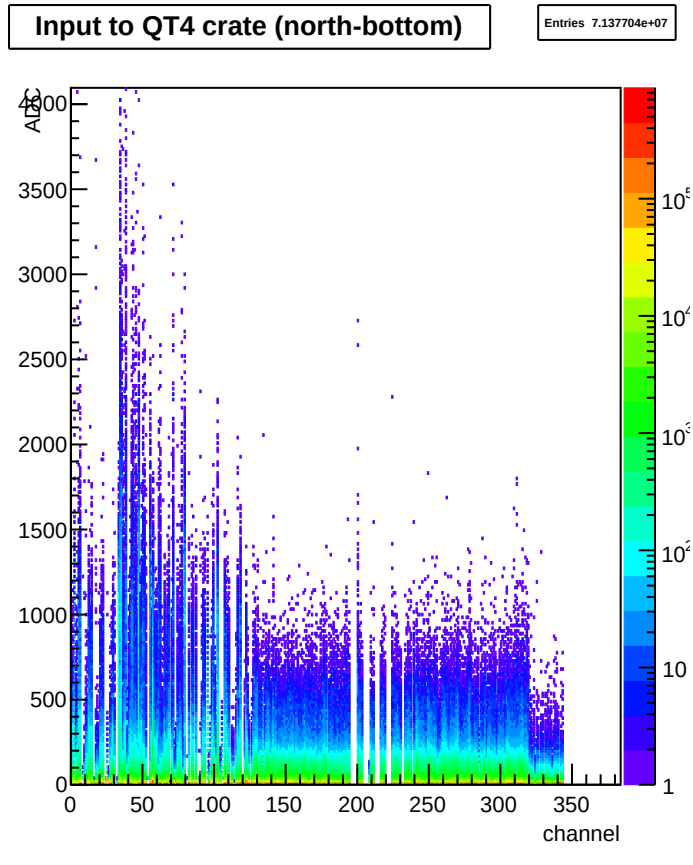

Entries 2650599
VPD East ADC Sum
VPD West ADC Sum

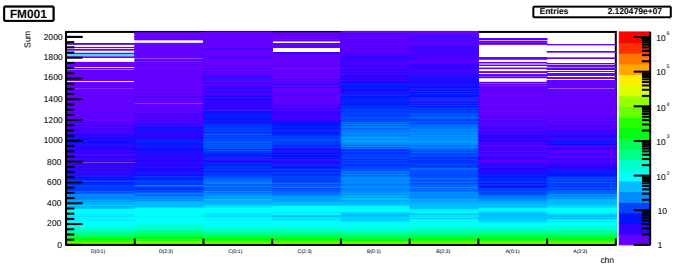

Entries 2650599
BBC-S TAC Diff
ZDC TAC Diff

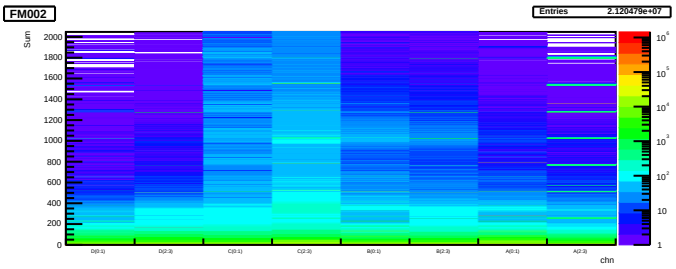

Input to QT1 crate (south-top)
Entries 9.141462e+07
ADC
channel

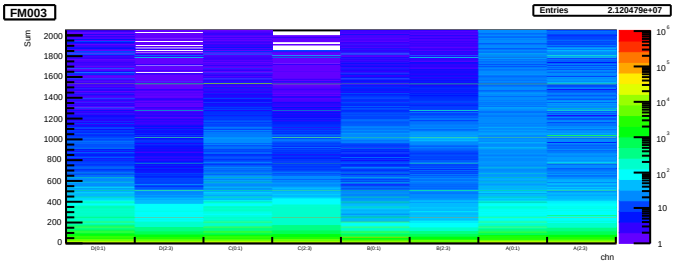

Input to QT3 crate (north-top)
Entries 8.799906e+07
ADC
channel

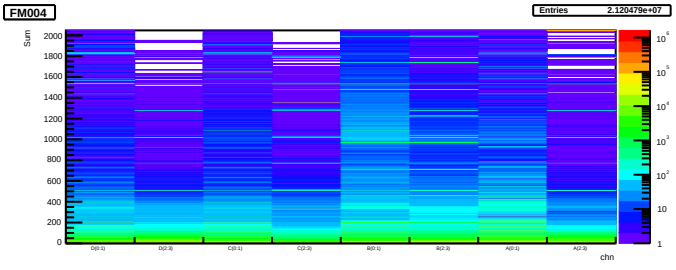

Input to QT2 crate (south-bottom)
Entries 8.904875e+07
ADC
channel

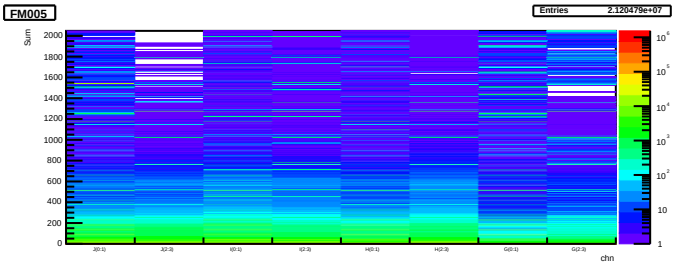

Input to QT4 crate (north-bottom)
Entries 7.137704e+07
ADC
channel


FM001
Entries 2.120479e+07
Sum
chn


FM002
Entries 2.120479e+07
Sum
chn


FM003
Entries 2.120479e+07
Sum
chn


FM004
Entries 2.120479e+07
Sum
chn


FM005
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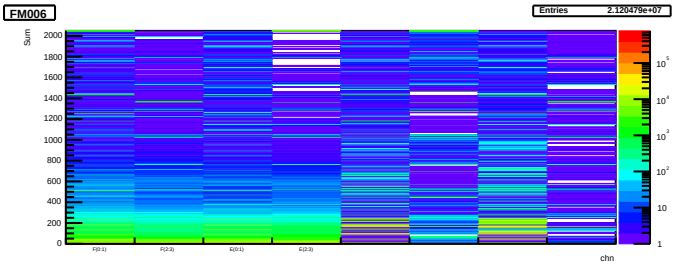
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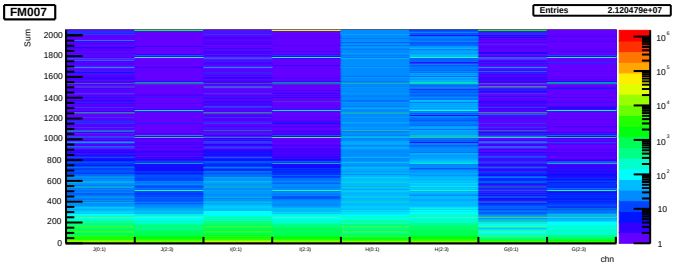
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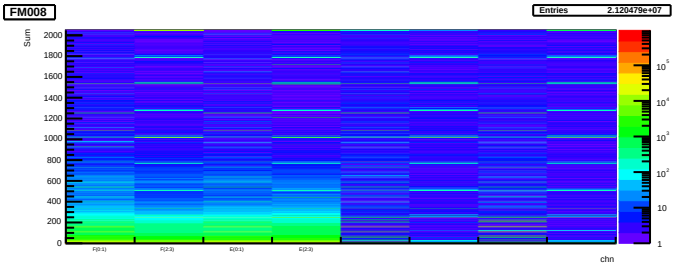
FM008
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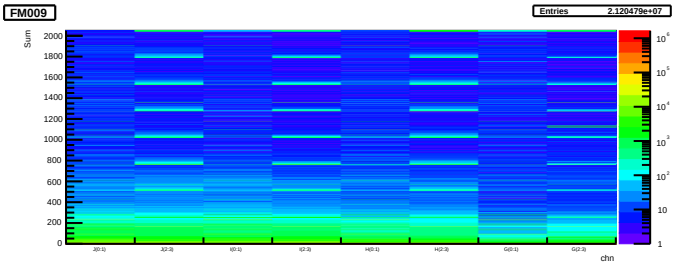
FM009
Entries 2.120479e+07
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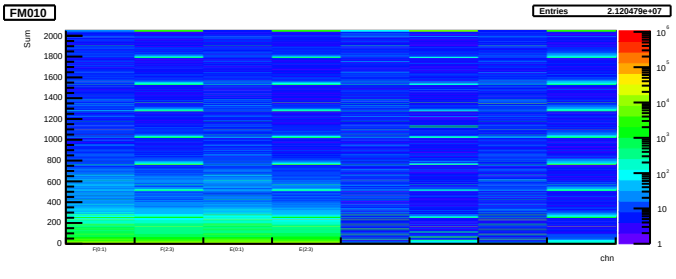
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Entries 2.120479e+07
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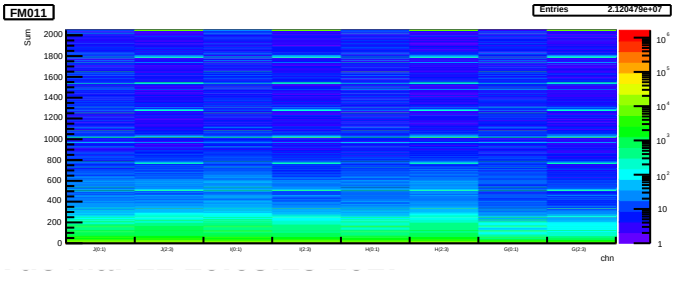
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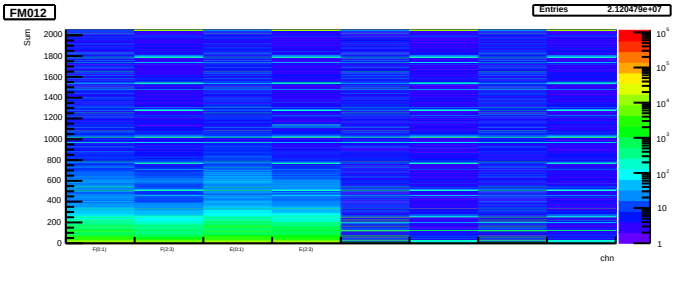
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Entries 2.120479e+07
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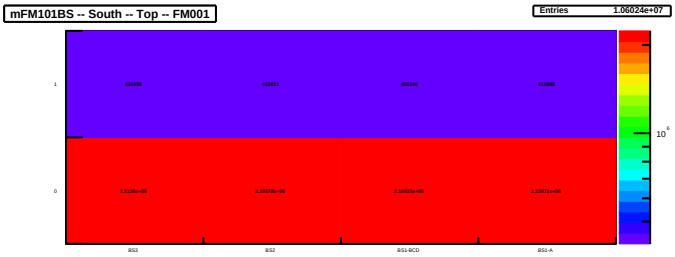
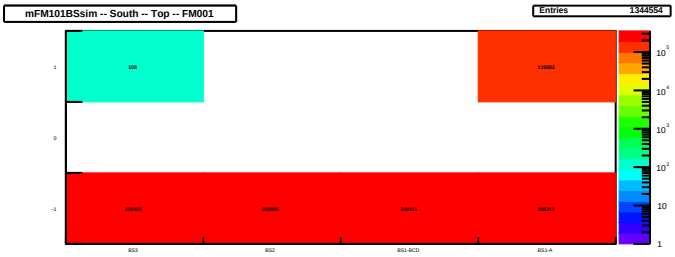

mFM101BS -- South -- Top -- FM001
Entries 1.06024e+07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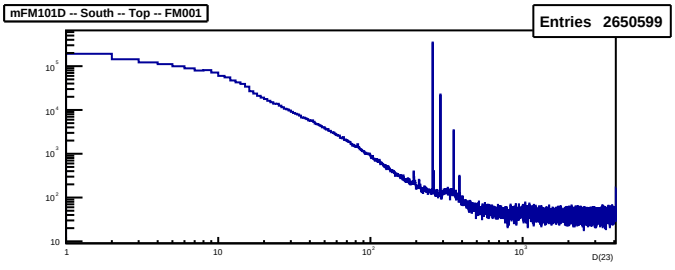
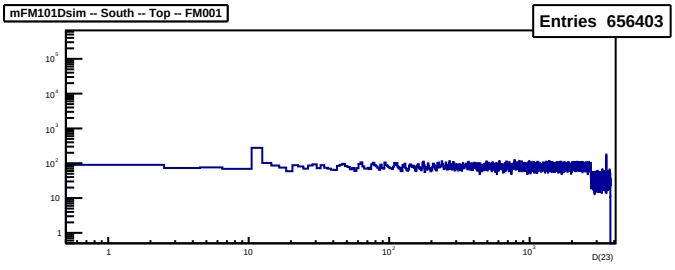
Entries 1344554


mFM101D -- South -- Top -- FM001
Entries 2650599
D(23)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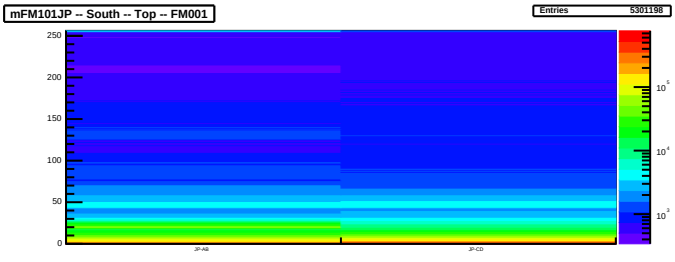
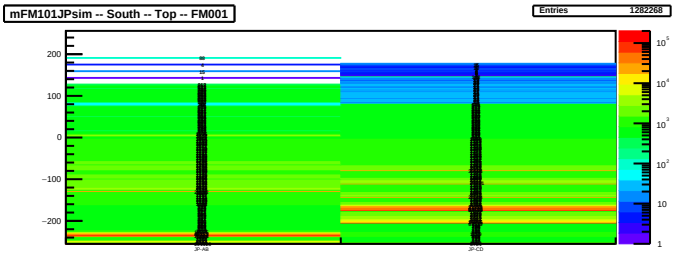
D(23)


mFM101JP -- South -- Top -- FM001
Entries 5301198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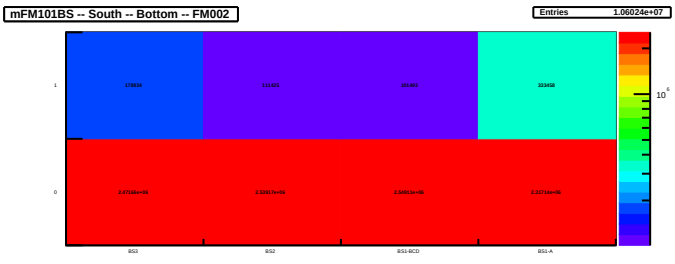
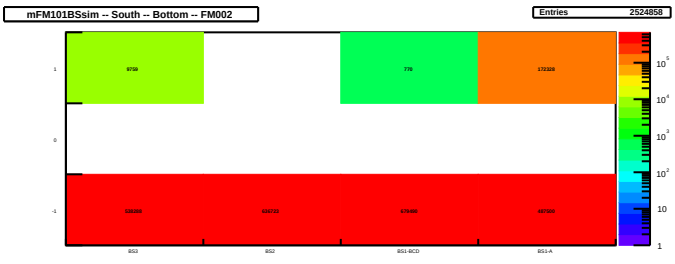

mFM101BS -- South -- Bottom -- FM002
Entries 1.06024e+07


mFM101BSsim -- South -- Bottom -- FM002
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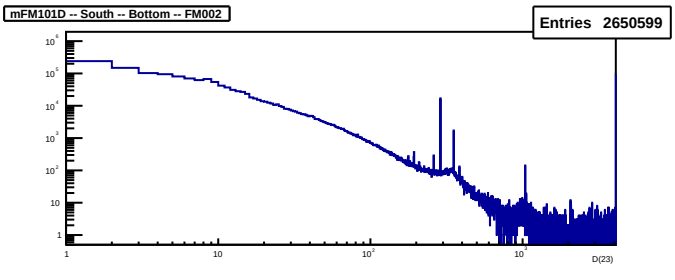
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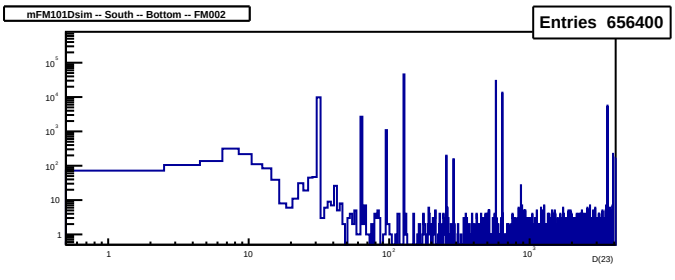
Entries 2650599
D(23)


mFM101Dsim -- South -- Bottom -- FM002
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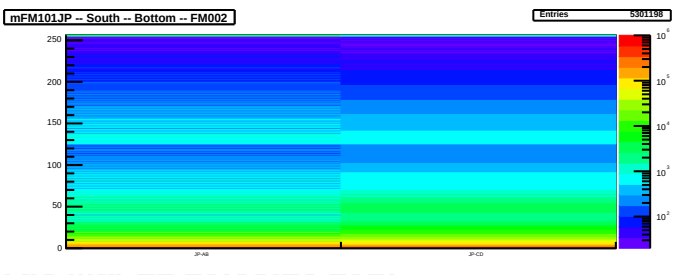
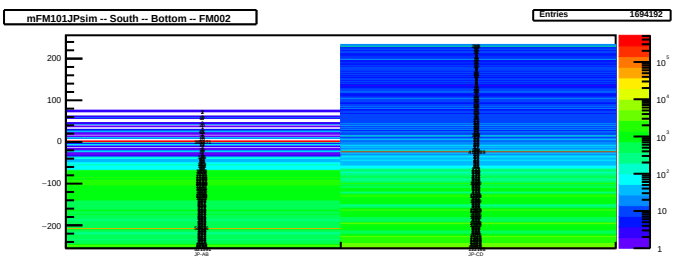

mFM101JP -- South -- Bottom -- FM002
Entries 5301198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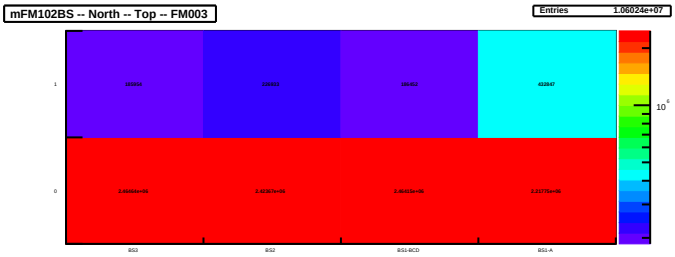
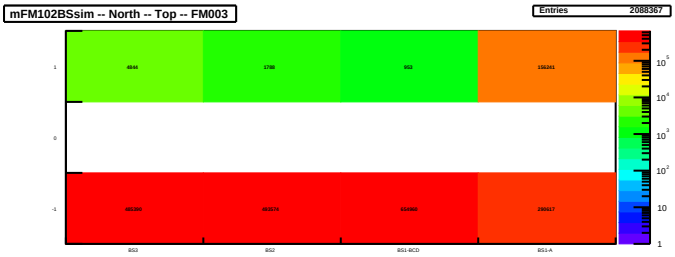

mFM102BS -- North -- Top -- FM003
Entries 1.06024e+07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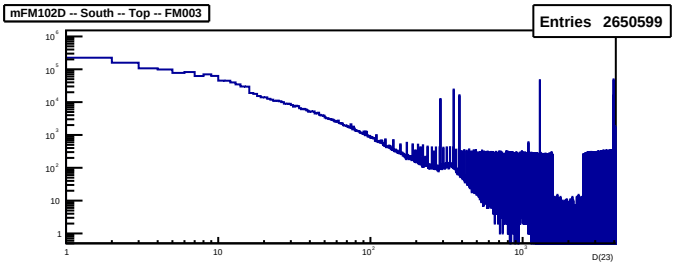
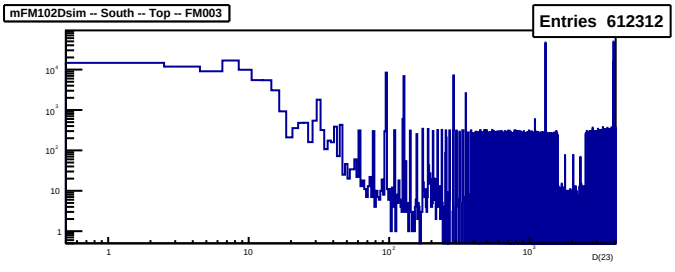

mFM102D -- South -- Top -- FM003
Entries 2650599
D(23)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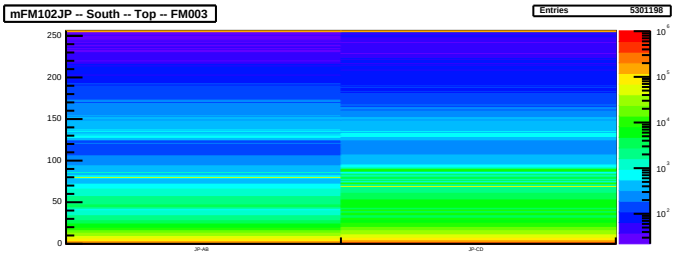
D(23)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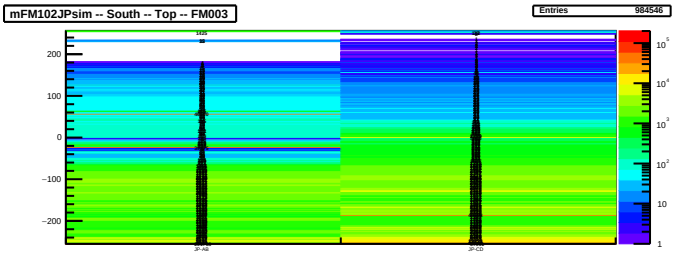
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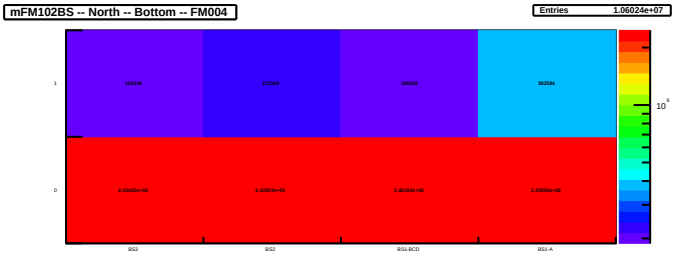
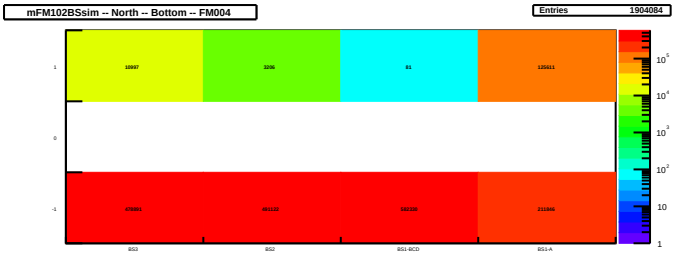

mFM102BS -- North -- Bottom -- FM004
Entries 1.06024e+07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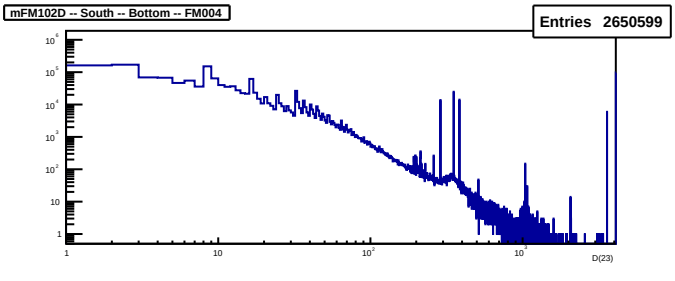
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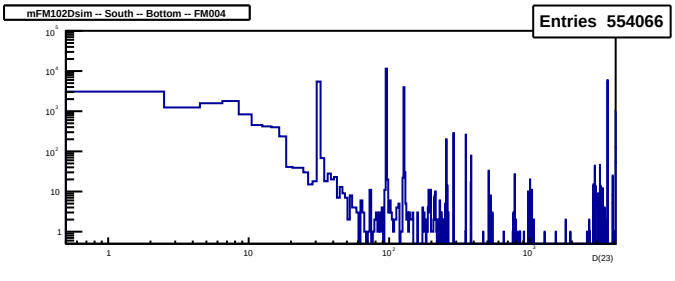
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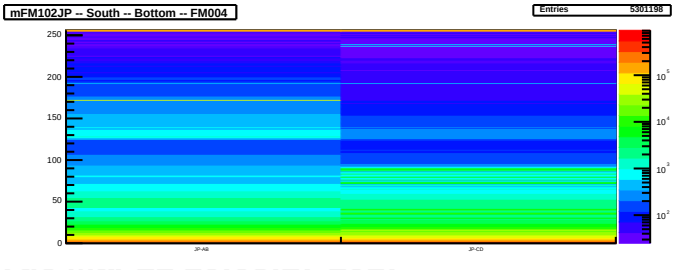
D(23)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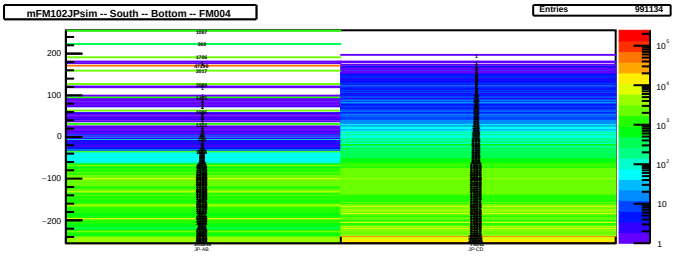
Entries 5301198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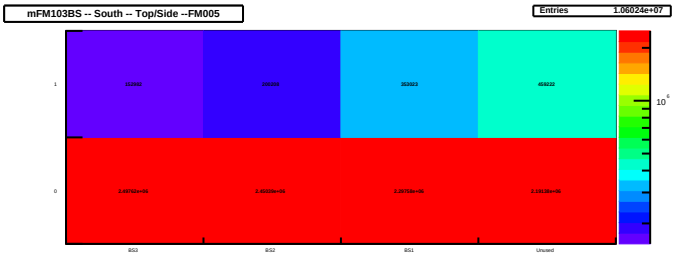
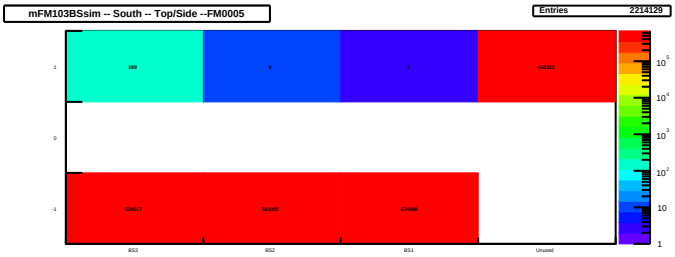

mFM103BS -- South -- Top/Side --FM005
Entries 1.06024e+07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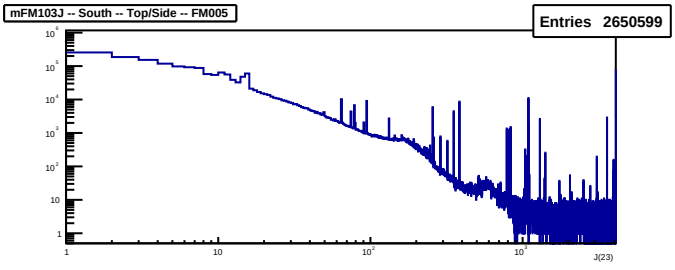
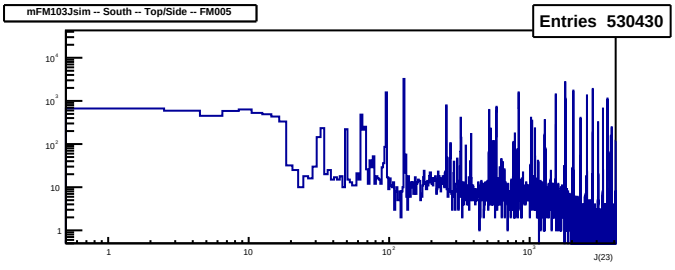

mFM103J -- South -- Top/Side -- FM005
Entries 2650599
J(23)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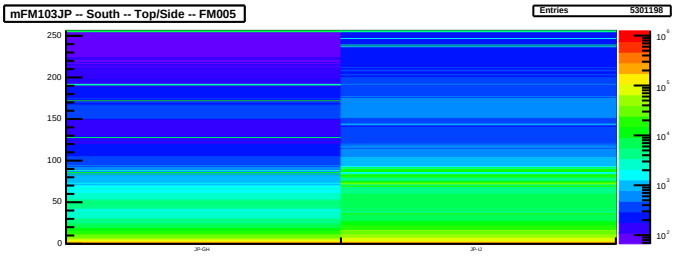
J(23)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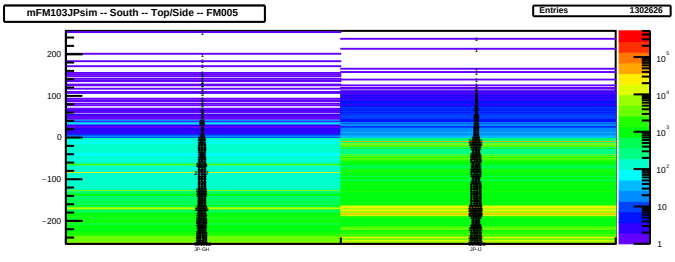
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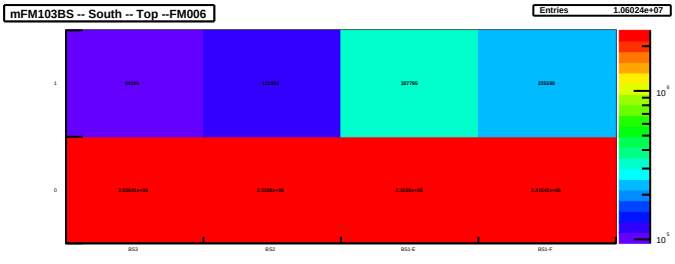
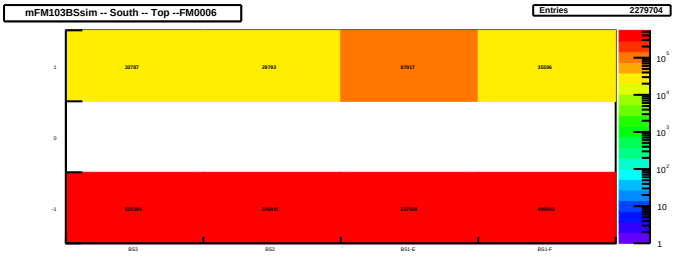

mFM103BS -- South -- Top --FM006
Entries 1.06024e+07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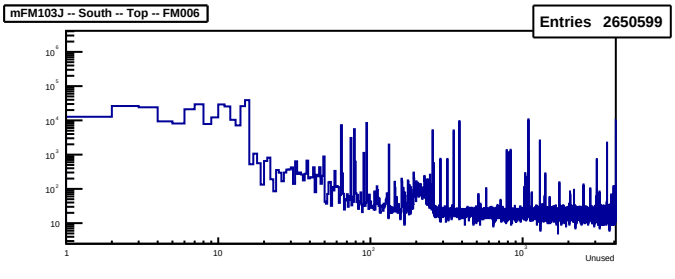
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Entries 2650599
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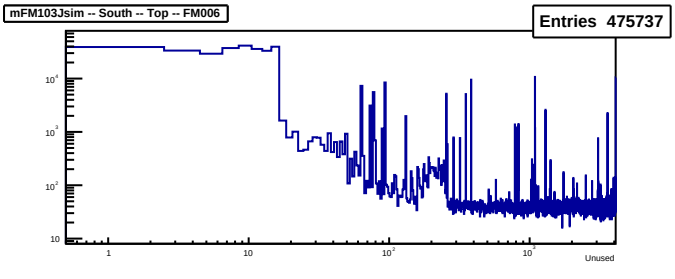
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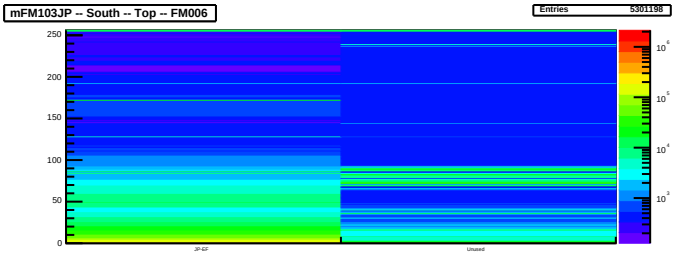
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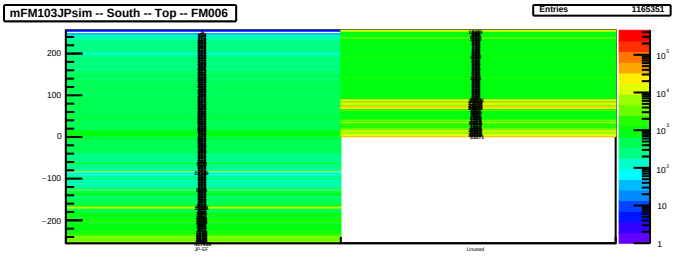
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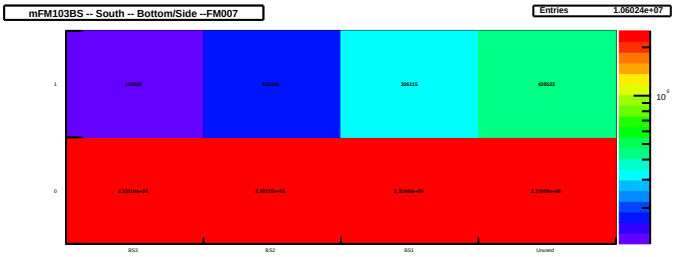
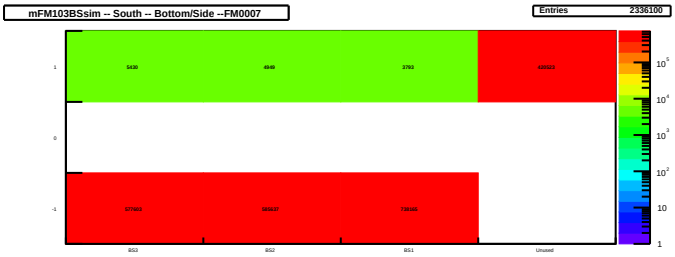

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.06024e+07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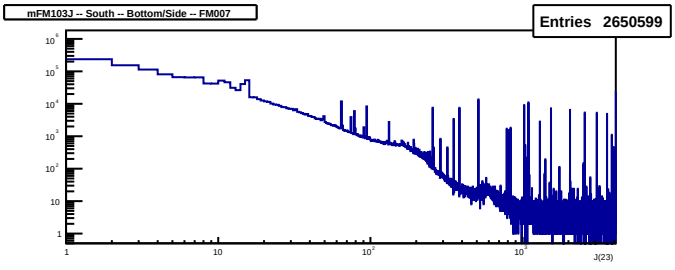
mFM103J -- South -- Bottom/Side -- FM007
Entries 2650599
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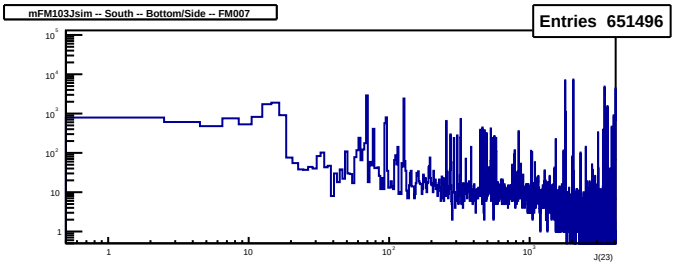
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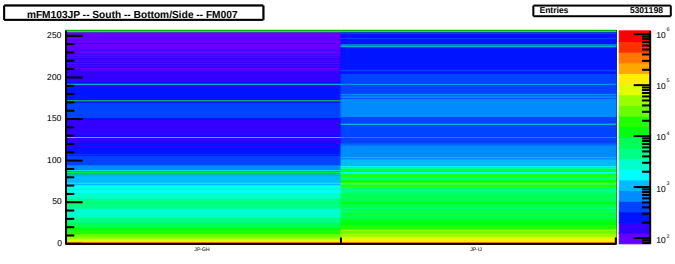
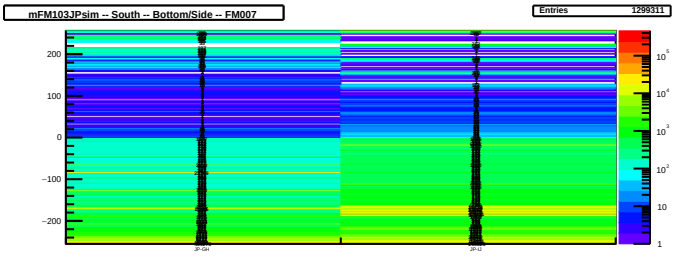
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 5301198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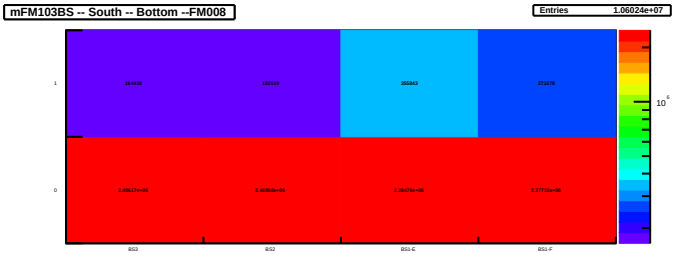
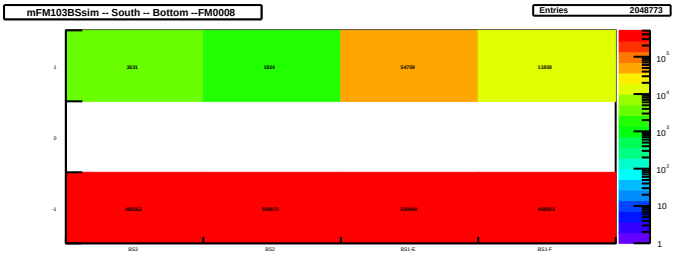

mFM103BS -- South -- Bottom --FM008
Entries 1.06024e+07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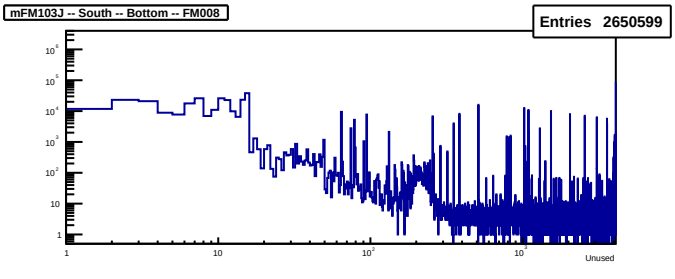
mFM103J -- South -- Bottom -- FM008
Entries 2650599
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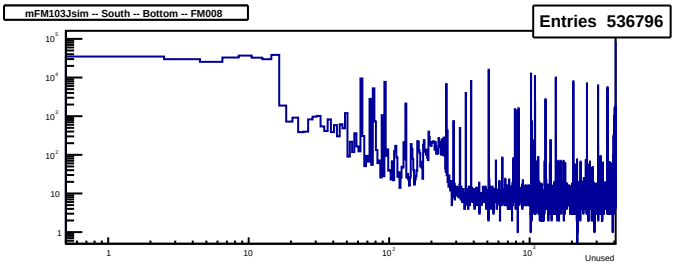
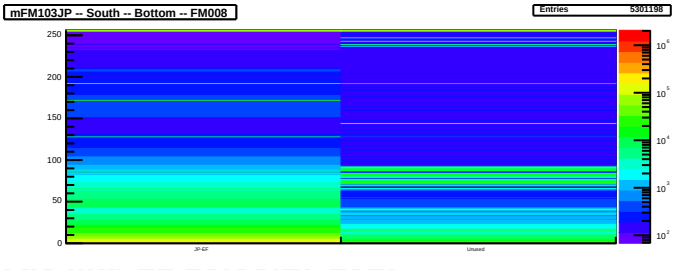
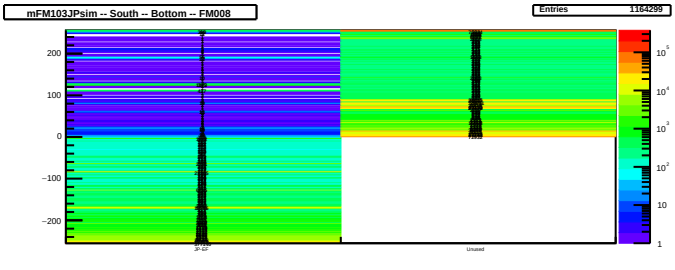
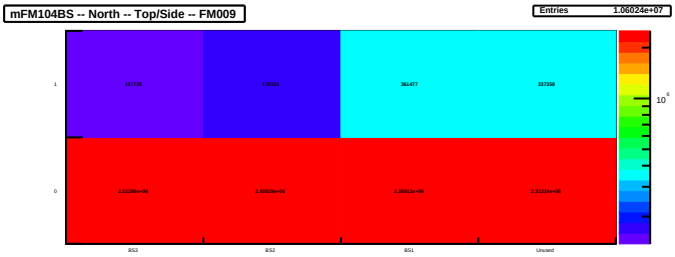
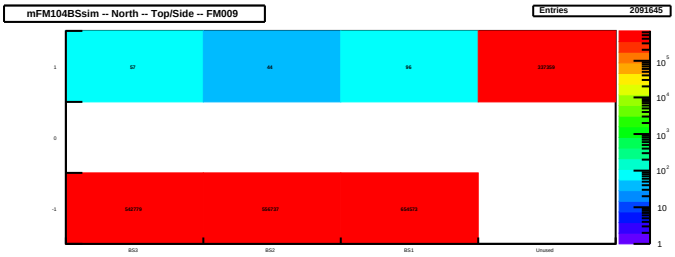
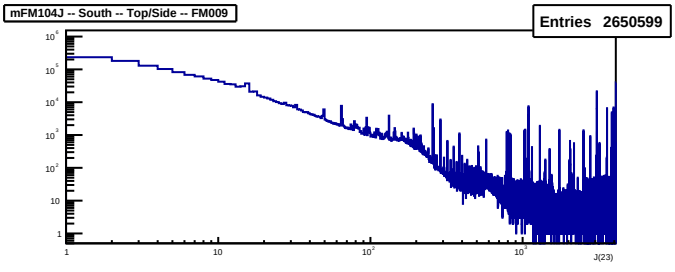

mFM103Jsim -- South -- Bottom -- FM008
Entries 536796
Unused

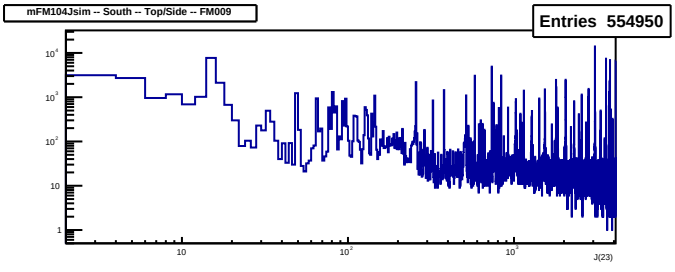

mFM103JP -- South -- Bottom -- FM008
Entries 5301198

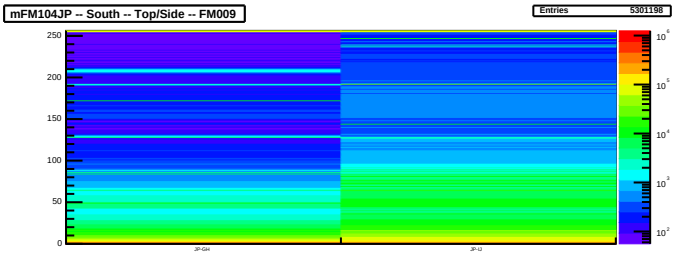

mFM103JPsim -- South -- Bottom -- FM008
Entries 1164299

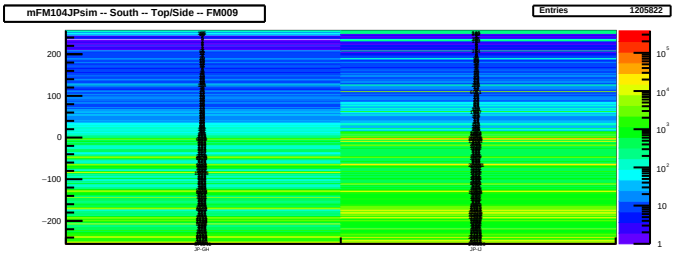

mFM104BS -- North -- Top/Side -- FM009
Entries 1.06024e+07
BS3
BS2
BS1
Unused


mFM104BSsim -- North -- Top/Side -- FM009
Entries 2091645
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 2650599
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 554950
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 5301198
JP-GH
JP-IJ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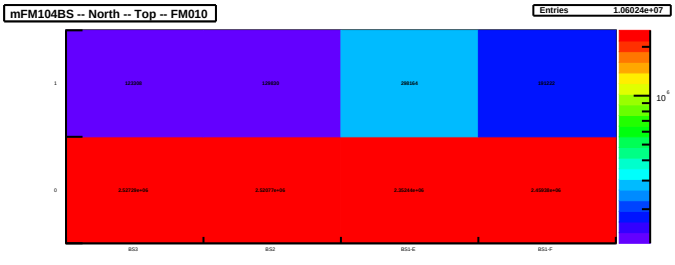
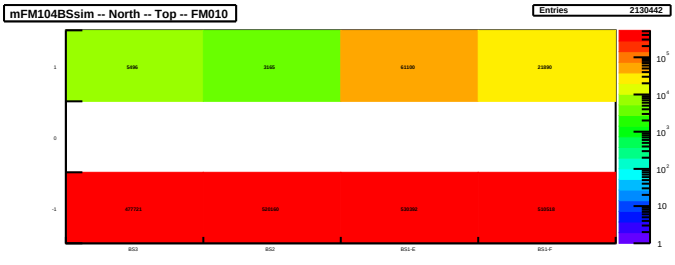
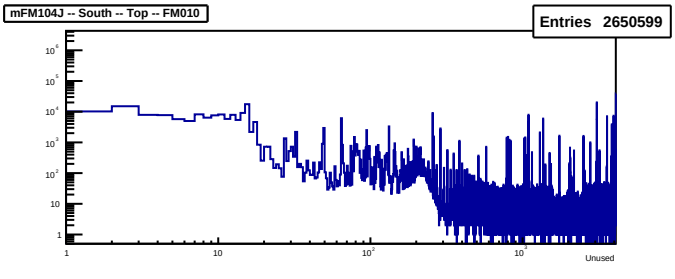
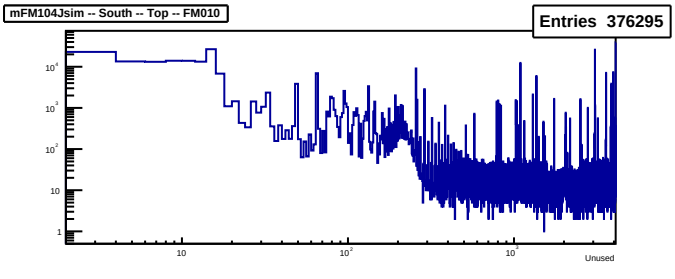
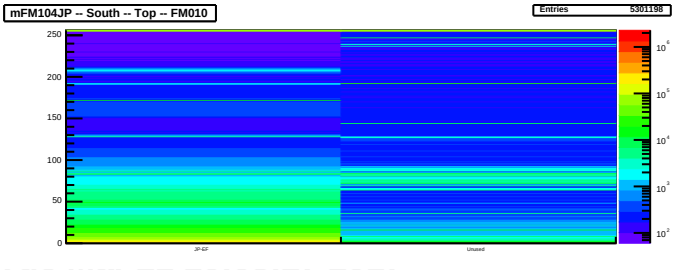
Entries 1205822
JP-GH
JP-IJ

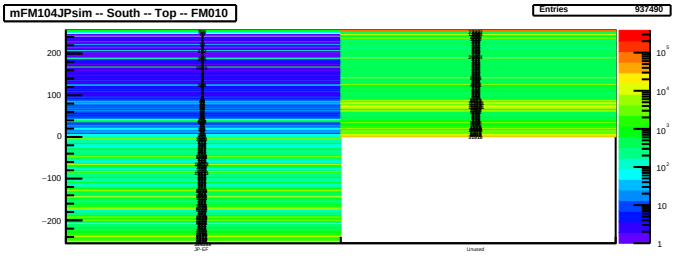

mFM104BS -- North -- Top -- FM010
Entries 1.06024e+07
BS3
BS2
BS1-E
BS1-F

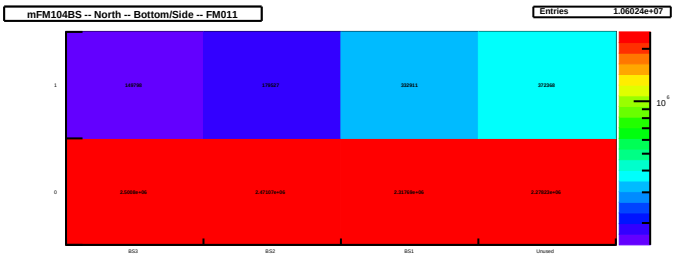

mFM104BSsim -- North -- Top -- FM010
Entries 2130442
BS3
BS2
BS1-E
BS1-F

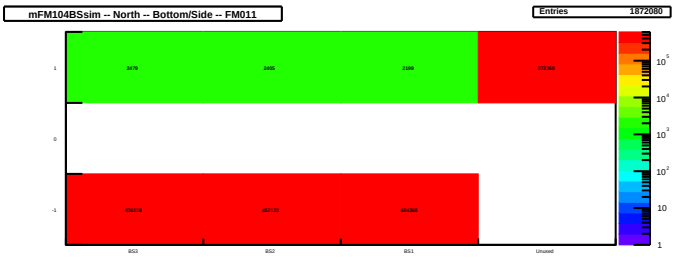

mFM104J -- South -- Top -- FM010
Entries 2650599
Unused

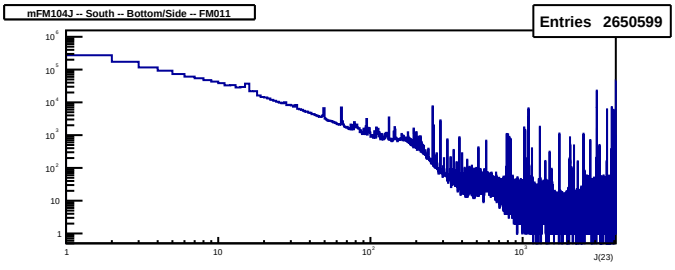

mFM104Jsim -- South -- Top -- FM010
Entries 376295
Unused

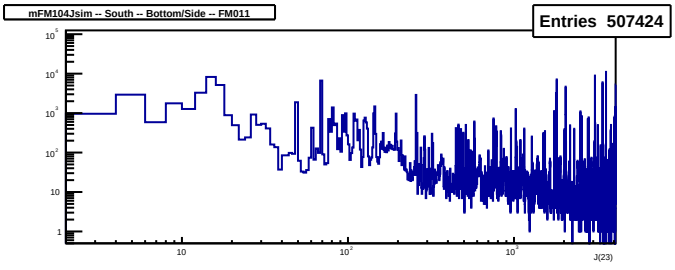

mFM104JP -- South -- Top -- FM010
Entries 5301198
JP-EF
Unused

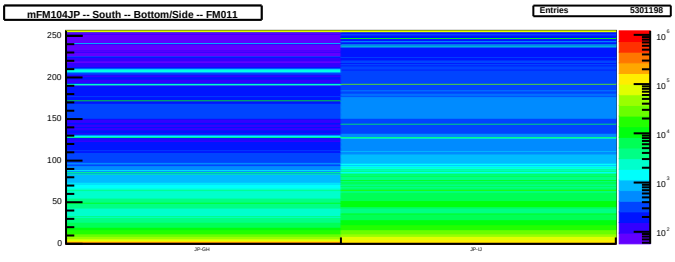

mFM104JPsim -- South -- Top -- FM010
Entries 937490
JP-EF
Unused

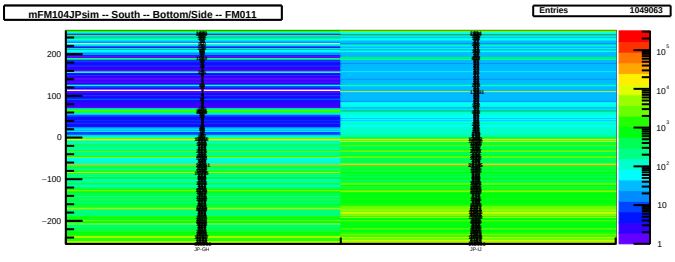

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.06024e+07

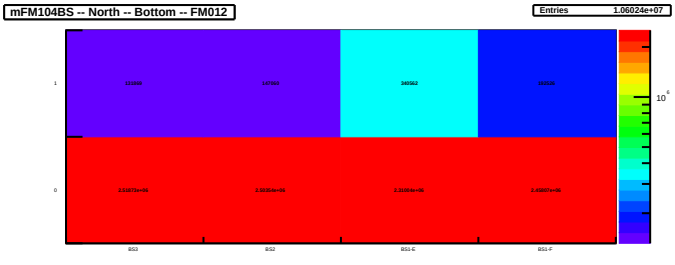

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1872080

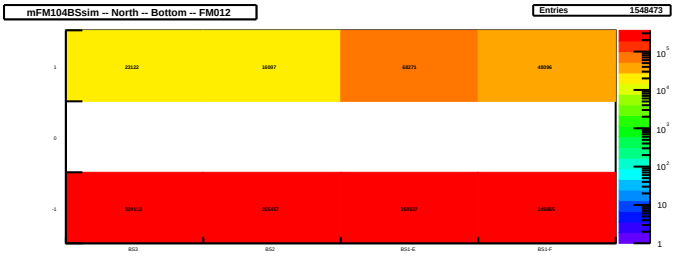

mFM104J -- South -- Bottom/Side -- FM011
Entries 2650599
J(23)

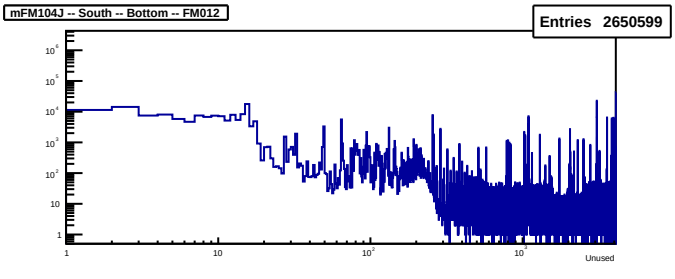

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 507424
J(23)

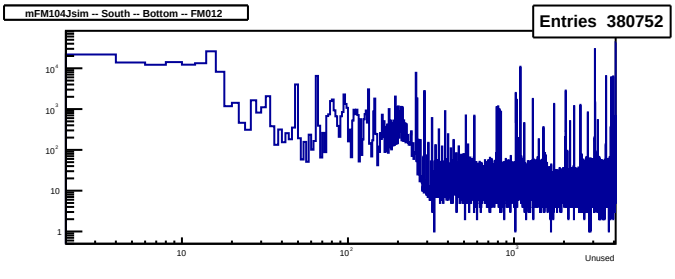

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5301198

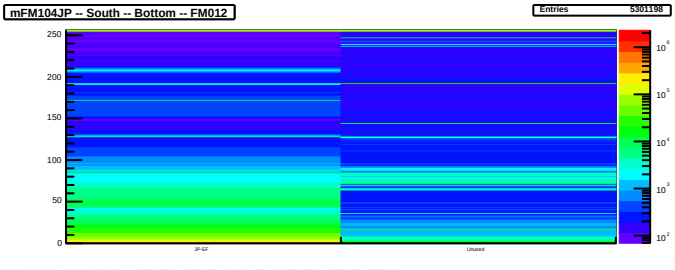

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1049063

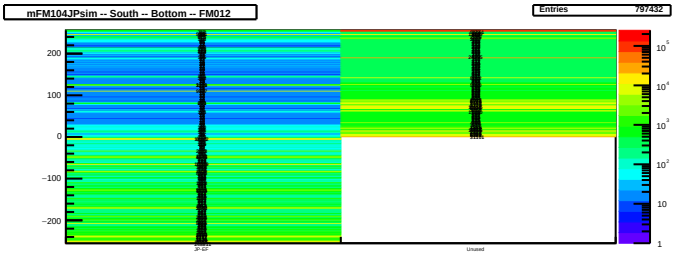

mFM104BS -- North -- Bottom -- FM012
Entries 1.06024e+07

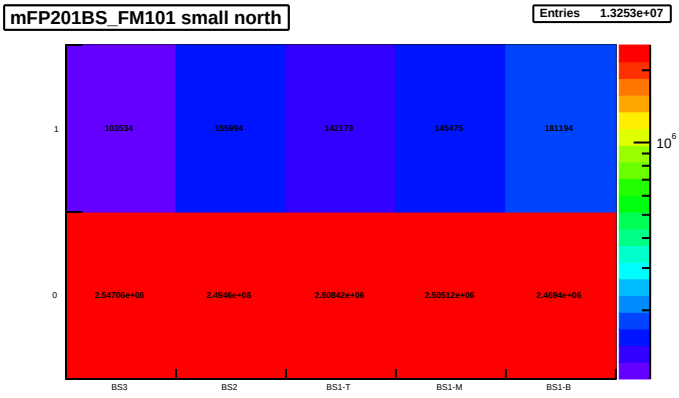

mFM104BSsim -- North -- Bottom -- FM012
Entries 1548473

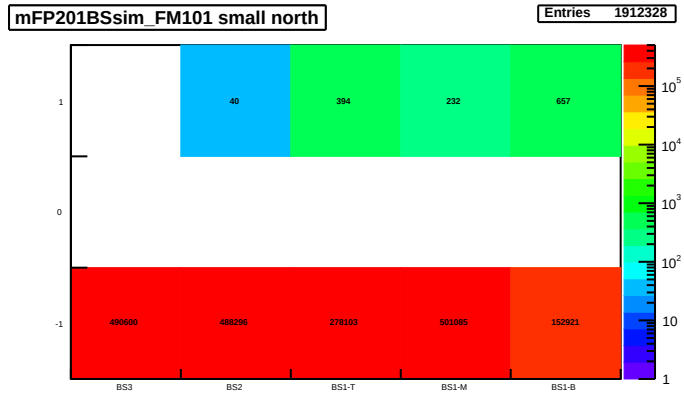

mFM104J -- South -- Bottom -- FM012
Entries 2650599
Unused

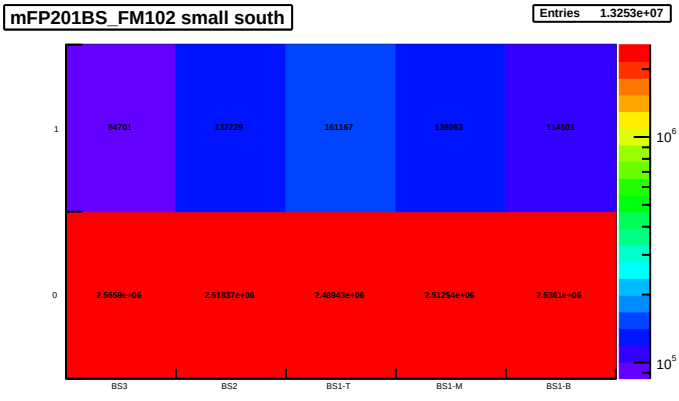

mFM104Jsim -- South -- Bottom -- FM012
Entries 380752
Unused

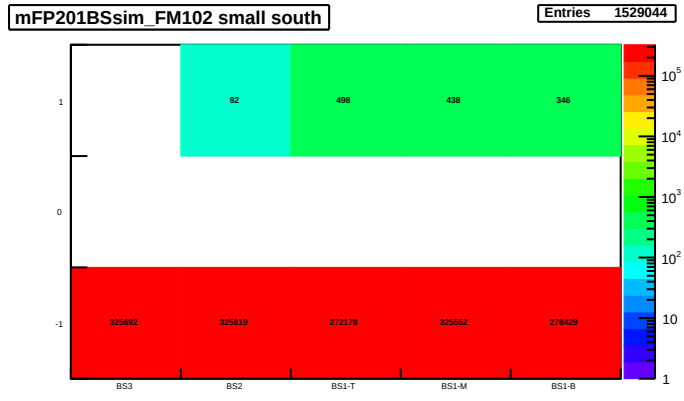

mFM104JP -- South -- Bottom -- FM012
Entries 5301198

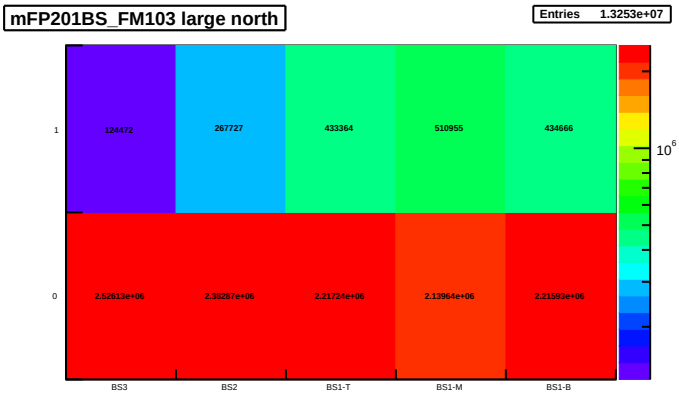

mFM104JPsim -- South -- Bottom -- FM012
Entries 797432

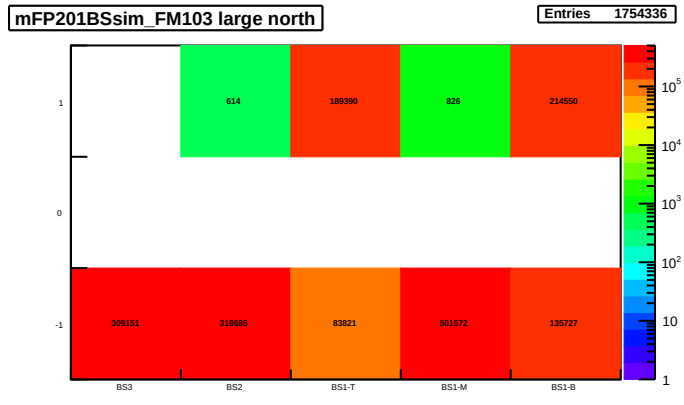

mFP201BS_FM101 small north
Entries 1.3253e+07
103534
155994
142179
145475
181194
2.54706e+06
2.4946e+06
2.50842e+06
2.50512e+06
2.4694e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

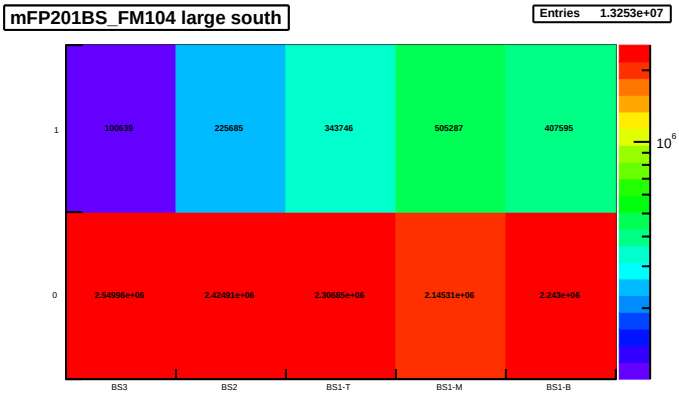

mFP201BSsim_FM101 small north
Entries 1912328
40
394
232
657
490600
488296
278103
501085
152921
BS3
BS2
BS1-T
BS1-M
BS1-B

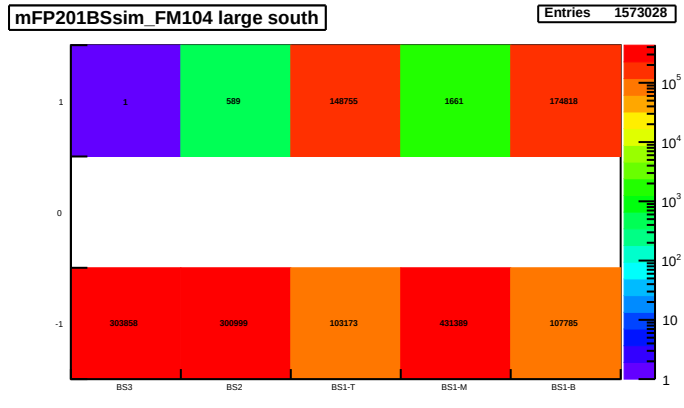

mFP201BS_FM102 small south
Entries 1.3253e+07
84701
132229
161167
138063
114501
2.5659e+06
2.51837e+06
2.48943e+06
2.51254e+06
2.5361e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

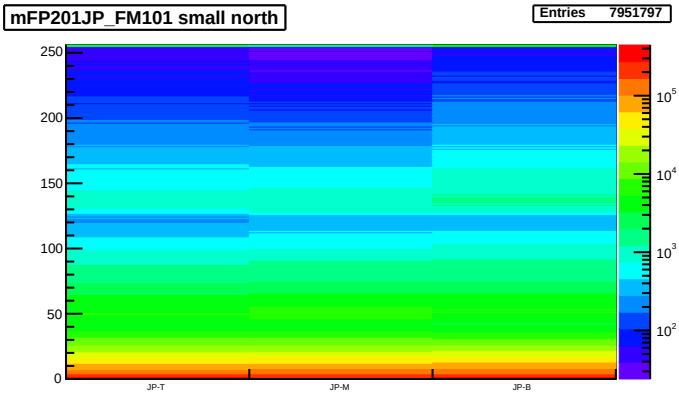

mFP201BSsim_FM102 small south
Entries 1529044
92
498
438
346
325692
325819
272178
325552
278429
BS3
BS2
BS1-T
BS1-M
BS1-B

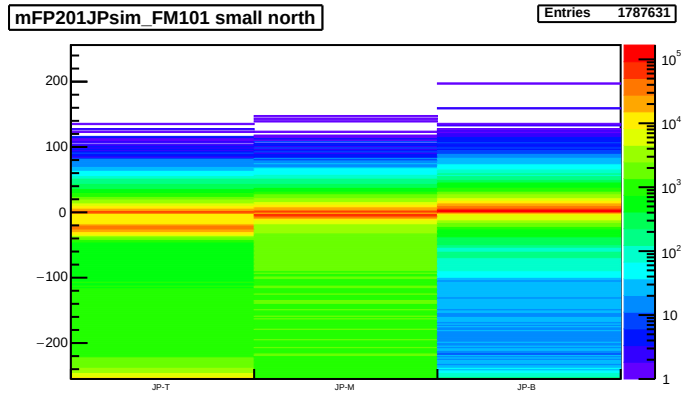

mFP201BS_FM103 large north
Entries 1.3253e+07
124472
267727
433364
510955
434666
2.52613e+06
2.38287e+06
2.21724e+06
2.13964e+06
2.21593e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

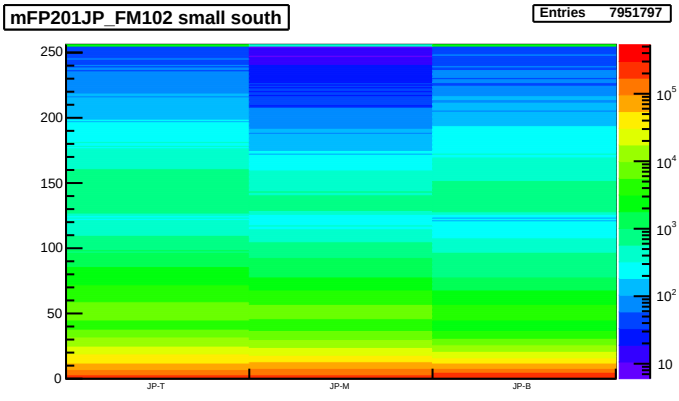

mFP201BSsim_FM103 large north
Entries 1754336
614
189390
826
214550
309151
318685
83821
501572
135727
BS3
BS2
BS1-T
BS1-M
BS1-B

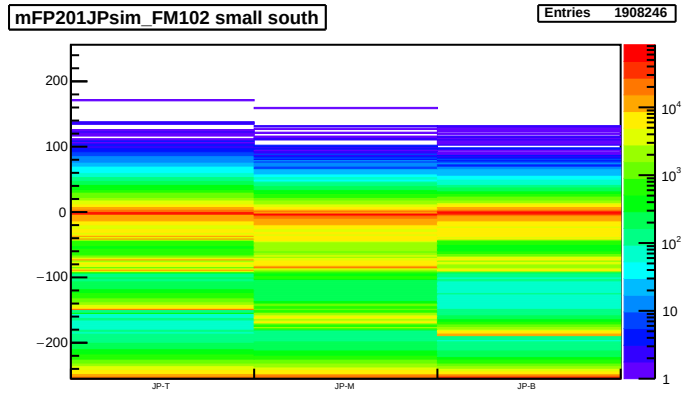

mFP201BS_FM104 large south
Entries 1.3253e+07
100639
225685
343746
505287
407595
2.54996e+06
2.42491e+06
2.30685e+06
2.14531e+06
2.243e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

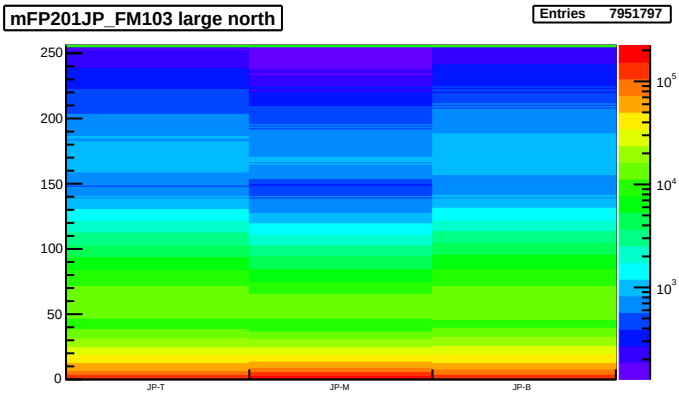

mFP201BSsim_FM104 large south
Entries 1573028
1
589
148755
1661
174818
303858
300999
103173
431389
107785
BS3
BS2
BS1-T
BS1-M
BS1-B

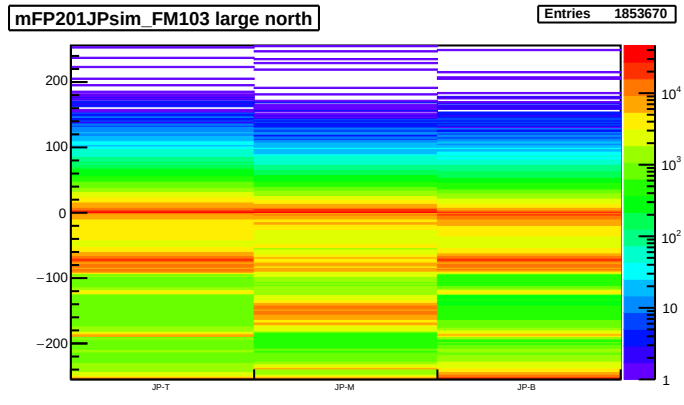

mFP201JP_FM101 small north
Entries 7951797
JP-T
JP-M
JP-B

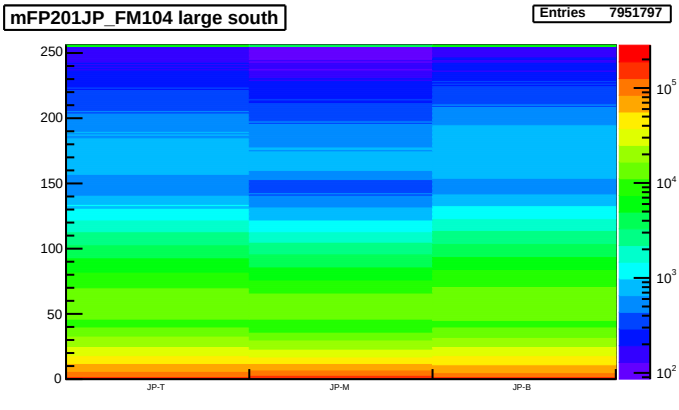

mFP201JPsim_FM101 small north
Entries 1787631
JP-T
JP-M
JP-B

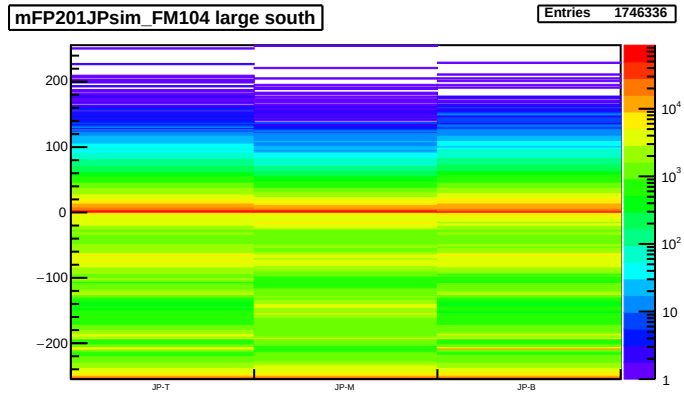

mFP201JP_FM102 small south
Entries 7951797
JP-T
JP-M
JP-B

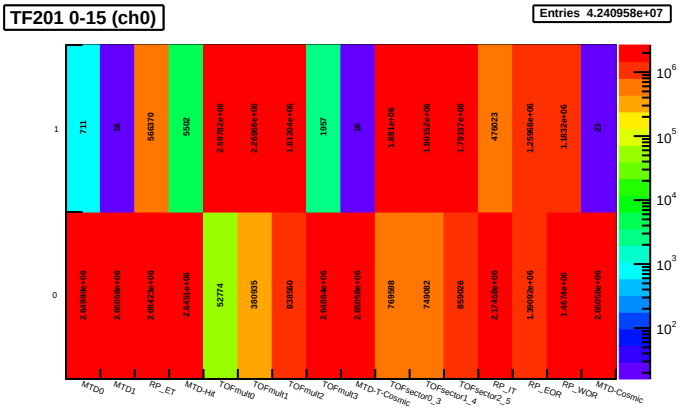

mFP201JPsim_FM102 small south
Entries 1908246
JP-T
JP-M
JP-B

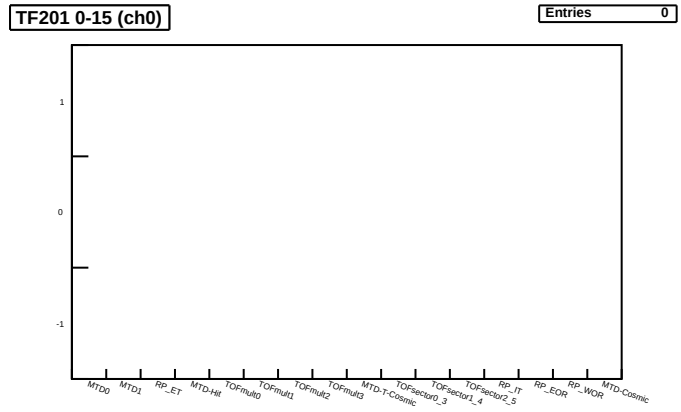

mFP201JP_FM103 large north
Entries 7951797
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 1853670
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 7951797
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 1746336
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 4.240958e+07
711
13
566370
5502
2.597832e+06
2.259836e+06
1.812304e+06
1957
16
1.281e+06
1.901552e+06
1.791576e+06
476023
1.259828e+06
1.18324e+06
23
2.649959e+06
2.650558e+06
2.084123e+06
2.5451e+06
52774
380555
838560
2.648844e+06
2.650558e+06
769398
749082
859026
2.174558e+06
1.309026e+06
1.44764e+06
2.650558e+06
MTD0
MTD1
RP_ET
MTD-Hit
TOFmult0
TOFmult1
TOFmult2
TOFmult3
MTD-T-Cosmic
TOFsector0_3
TOFsector1_4
TOFsector2_5
RP_IT
RP_EOR
RP_WOR
MTD-Cosmic


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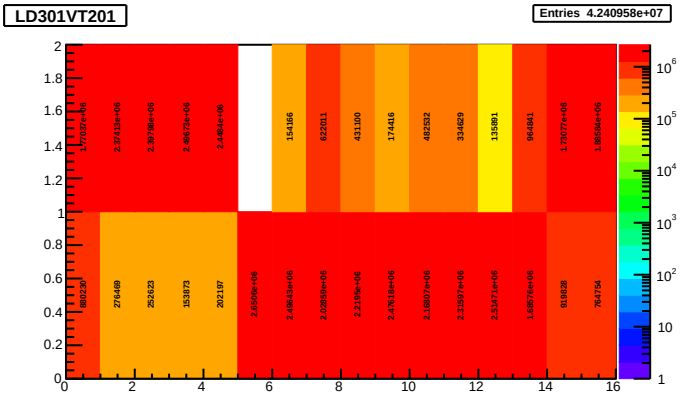
RP_IT
RP_EOR
RP_WOR
MTD-Cosmic


LD301VT201
Entries 4.240958e+07
1770374e+06
2.374134e+06
2.397384e+06
2.496724e+06
2.44844e+06
154166
622011
431190
174416
482532
334629
135981
964841
1.729774e+06
1.885944e+06
800230
276469
252623
153873
202197
2.650558e+06
2.498434e+06
2.025959e+06
2.2195e+06
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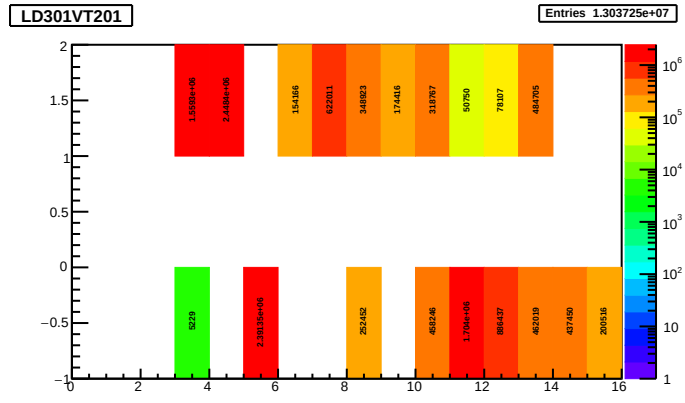
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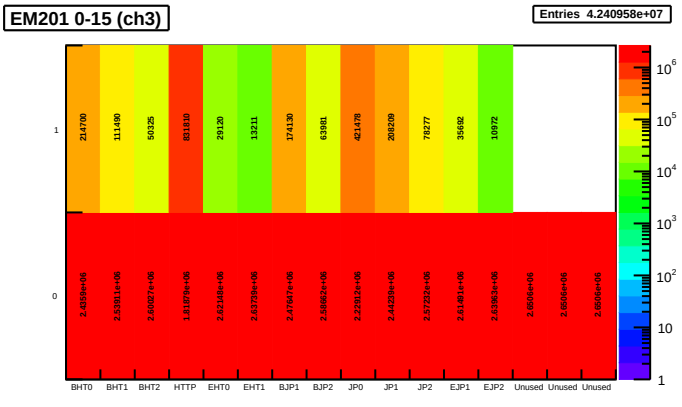
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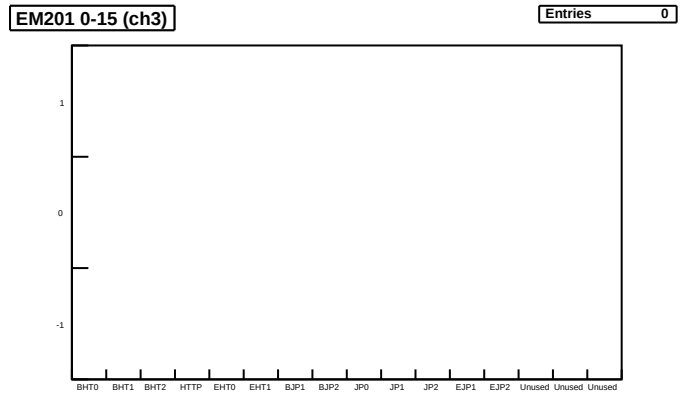
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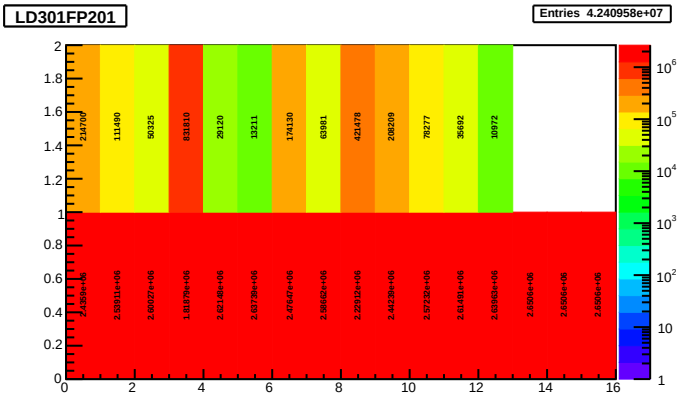
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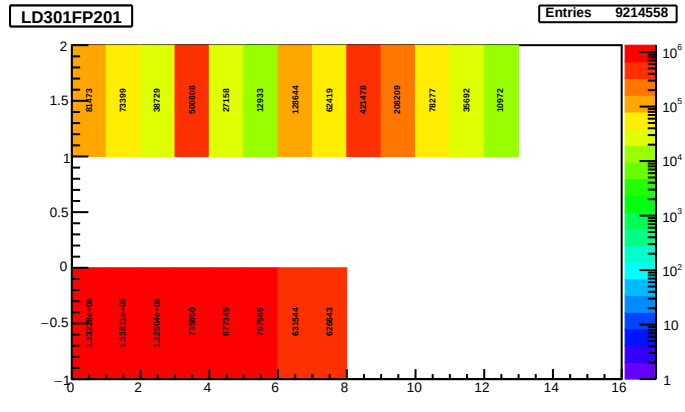
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