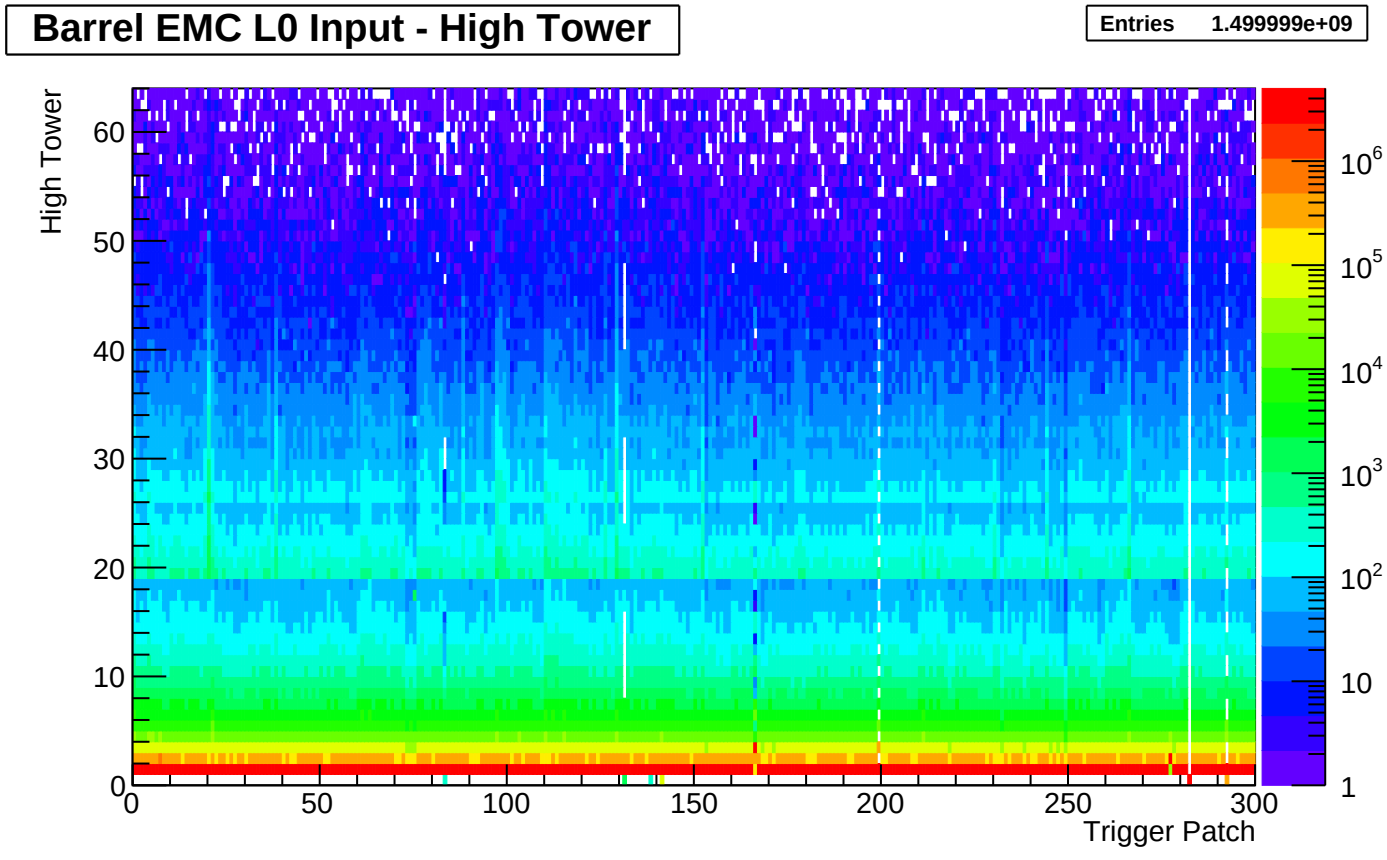
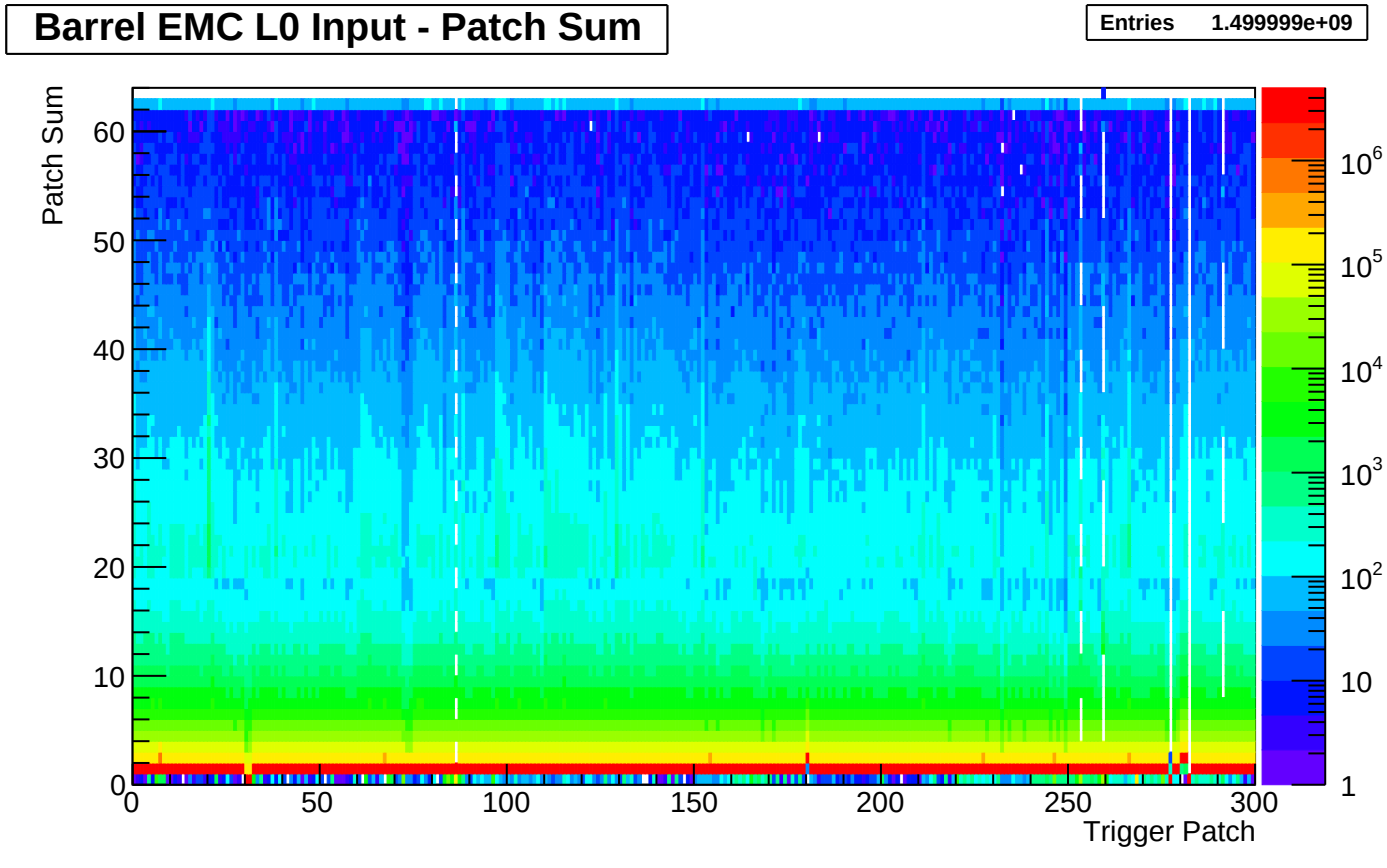
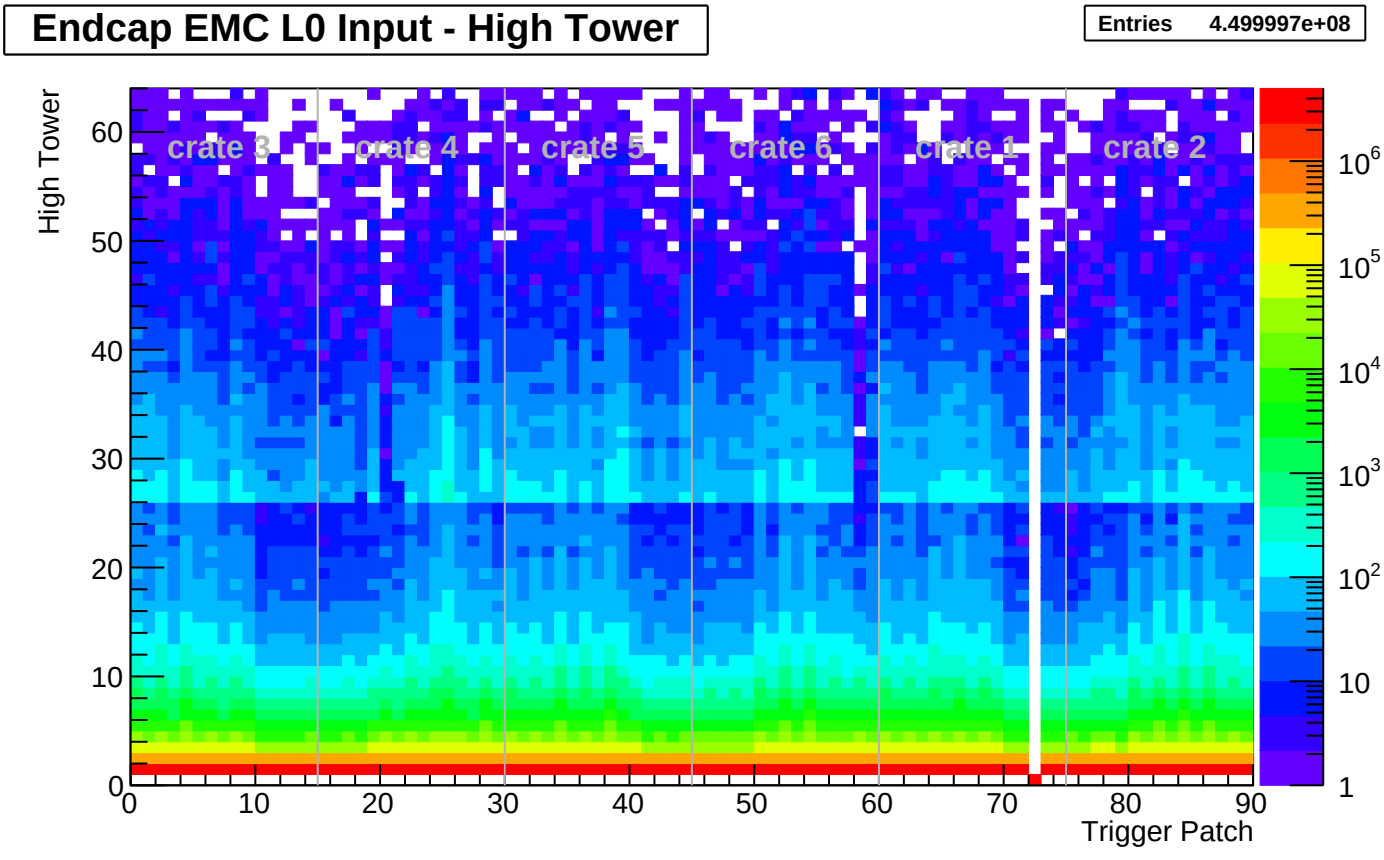
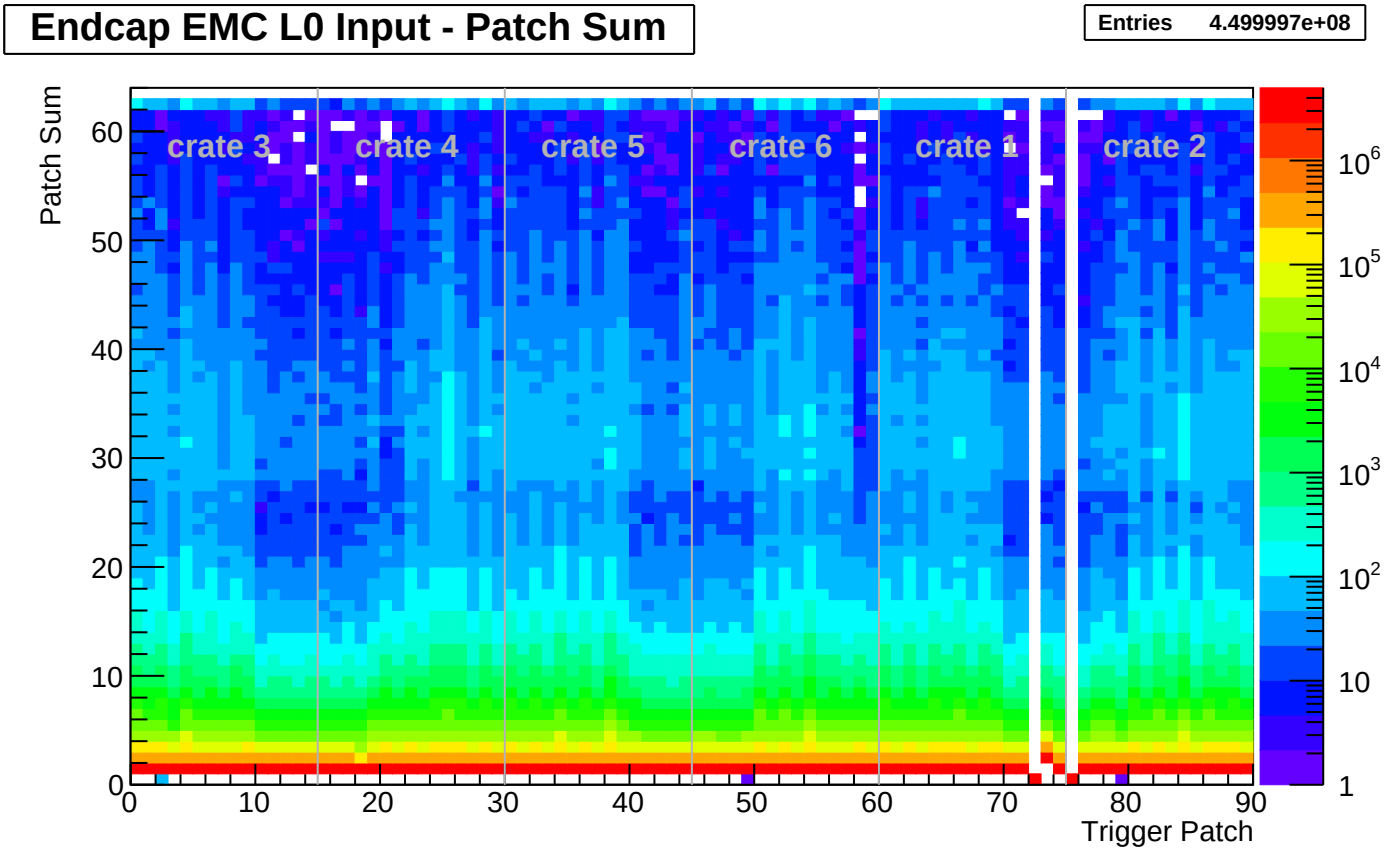
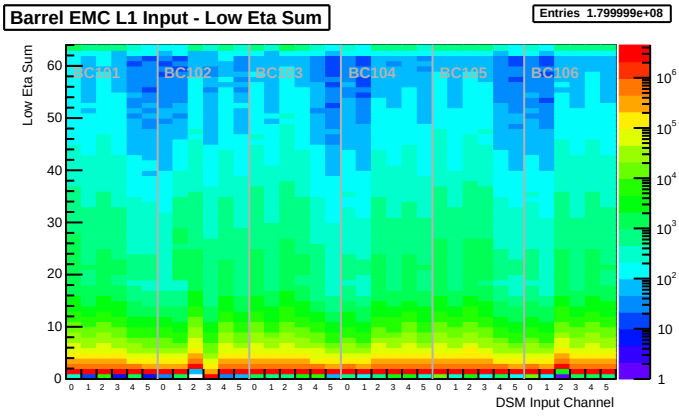
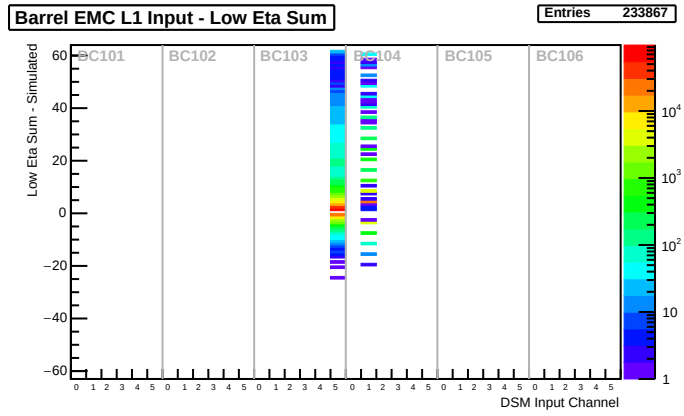

Barrel EMC L0 Input - High Tower
Entries 1.499999e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

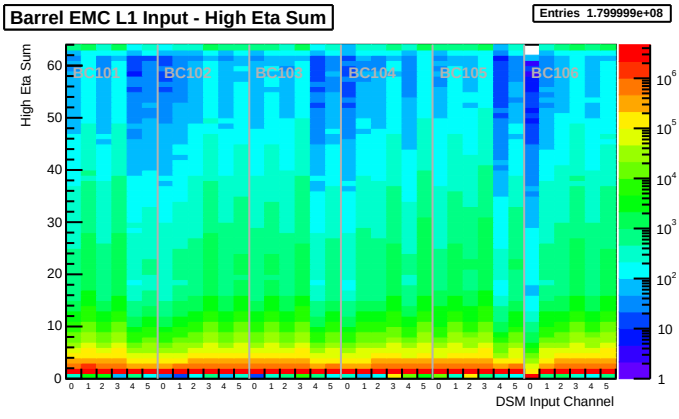

Barrel EMC L0 Input - Patch Sum
Entries 1.499999e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

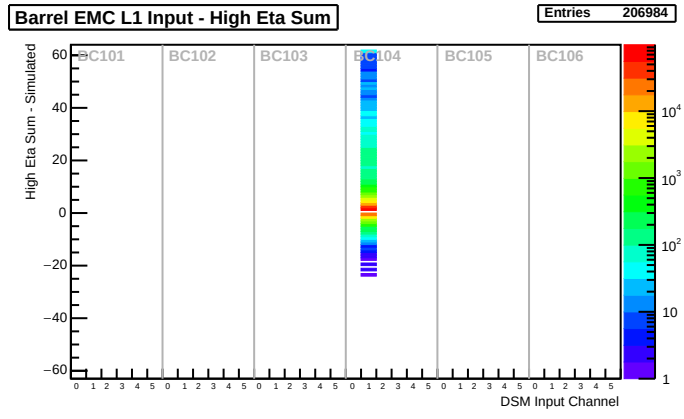

Endcap EMC L0 Input - High Tower
Entries 4.499997e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

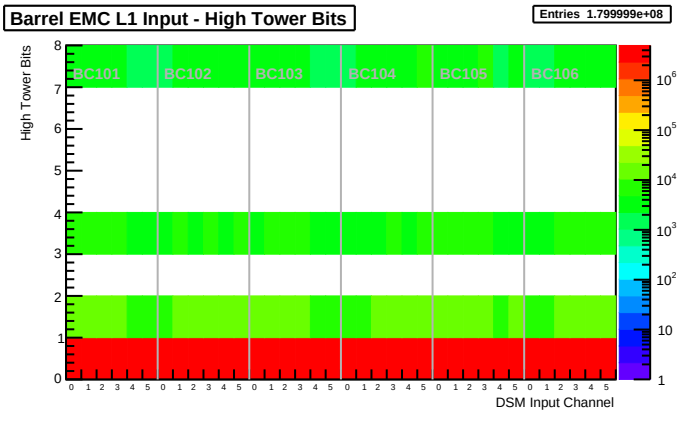

Endcap EMC L0 Input - Patch Sum
Entries 4.499997e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

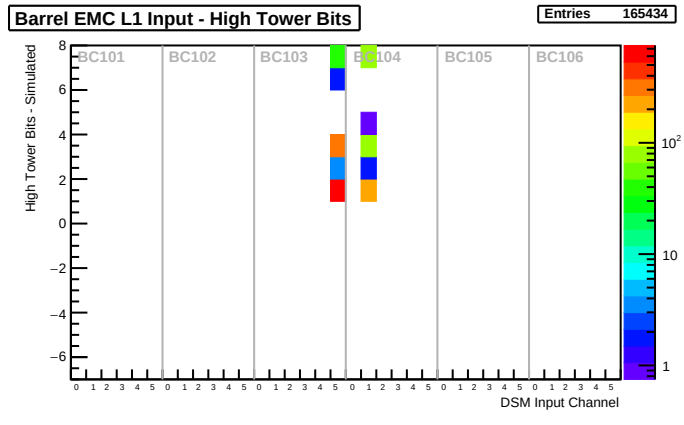

Barrel EMC L1 Input - Low Eta Sum
Entries 1.799999e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

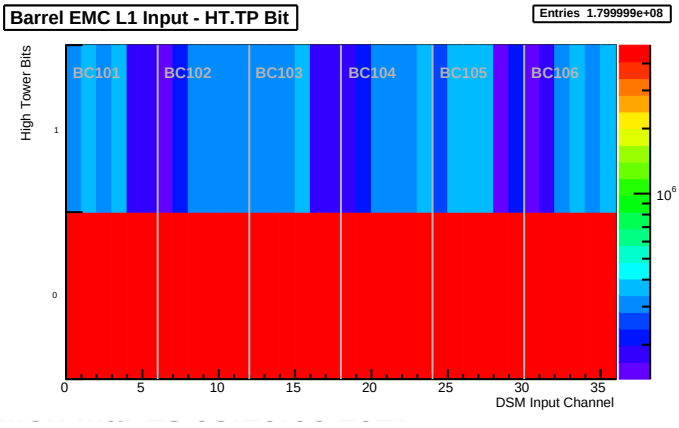

Barrel EMC L1 Input - Low Eta Sum
Entries 233867
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

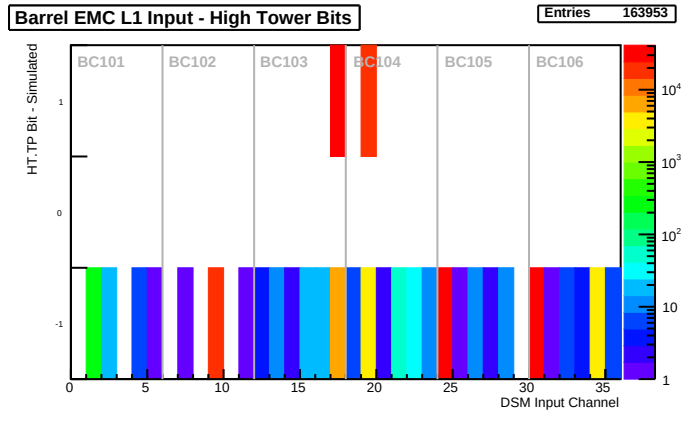

Barrel EMC L1 Input - High Eta Sum
Entries 1.799999e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

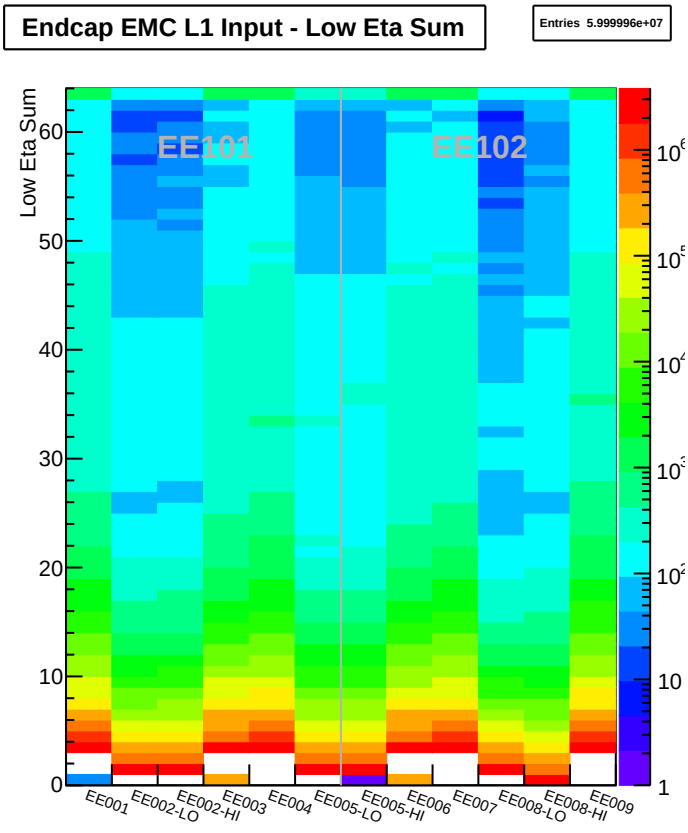

Barrel EMC L1 Input - High Eta Sum
Entries 206984
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

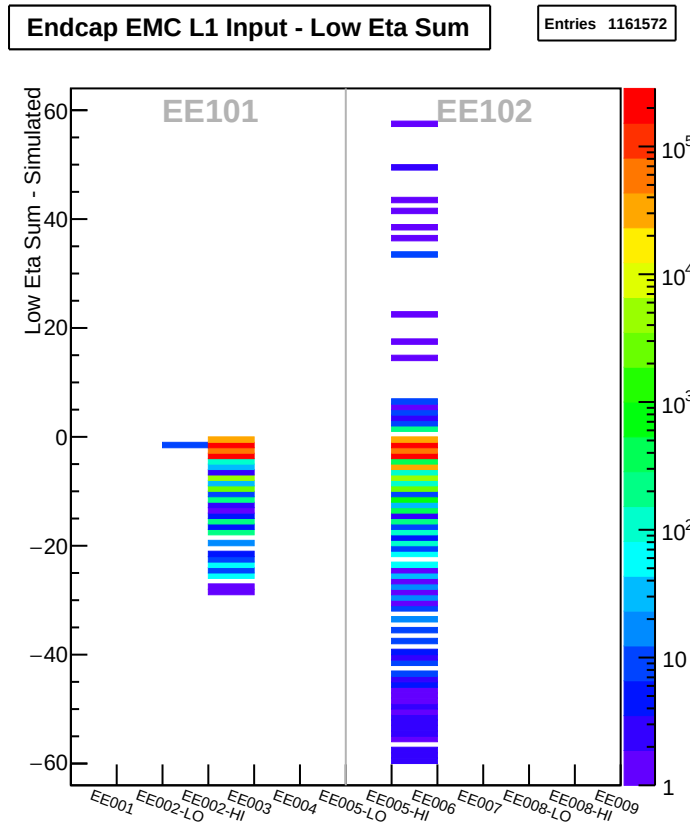

Barrel EMC L1 Input - High Tower Bits
Entries 1.799999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

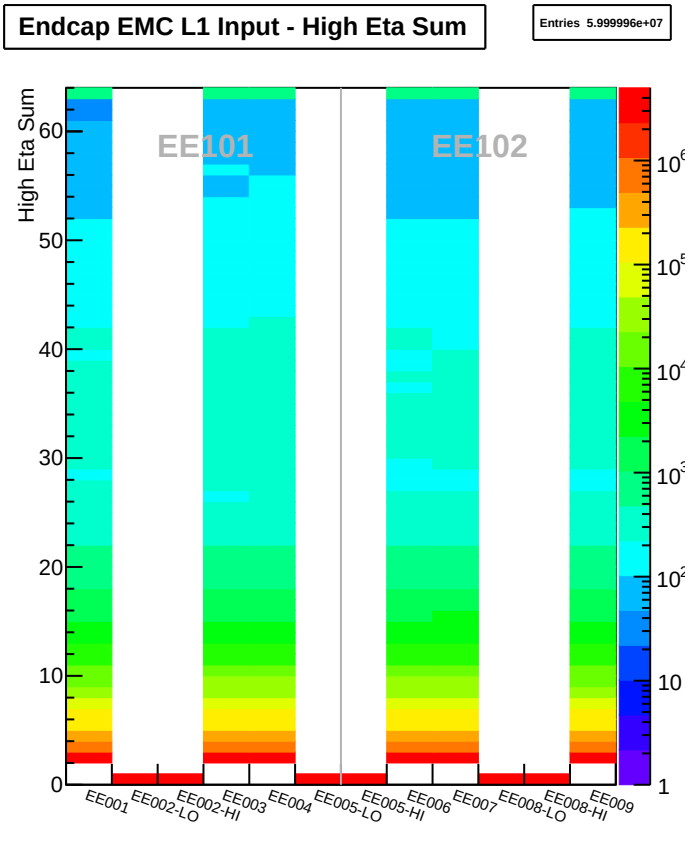

Barrel EMC L1 Input - High Tower Bits
Entries 165434
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

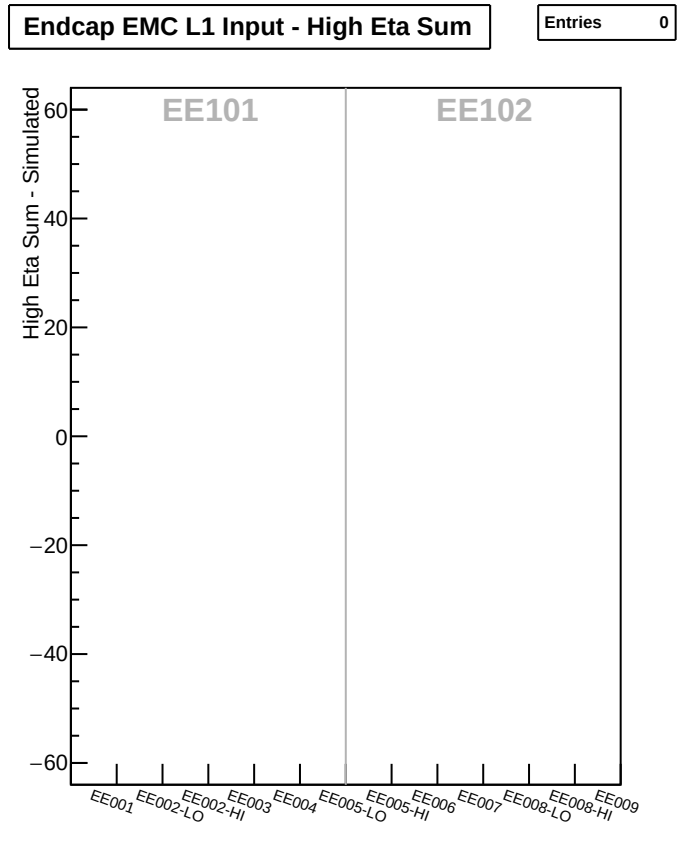

Barrel EMC L1 Input - HT.TP Bit
Entries 1.799999e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

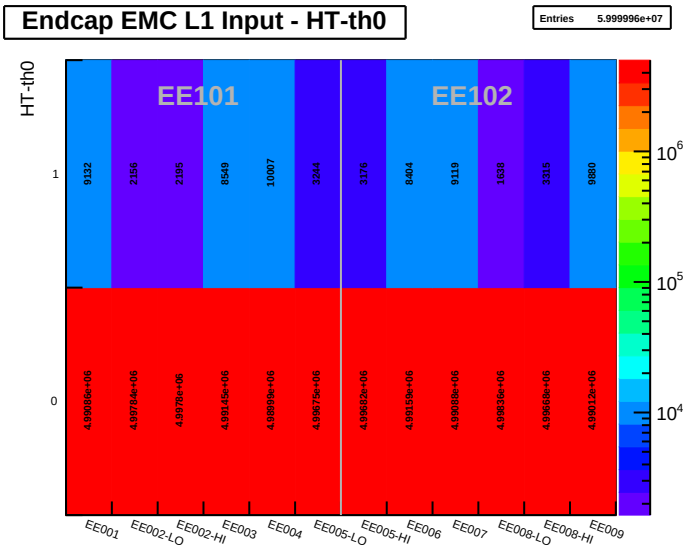

Barrel EMC L1 Input - High Tower Bits
Entries 163953
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

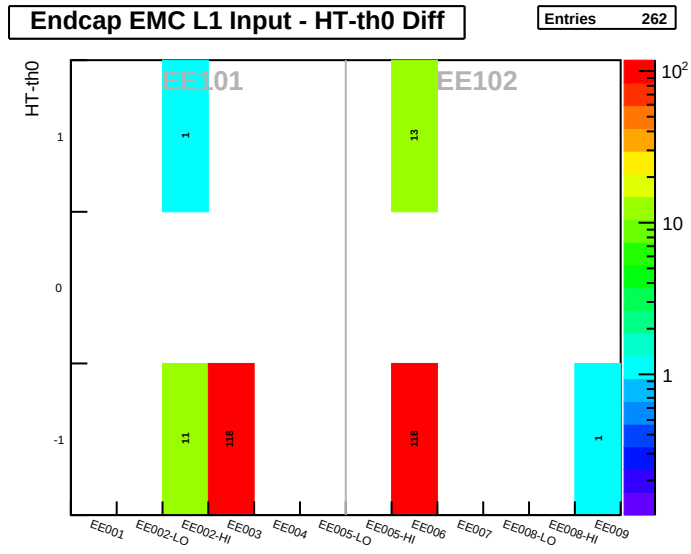

Endcap EMC L1 Input - Low Eta Sum
Entries 5.999996e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

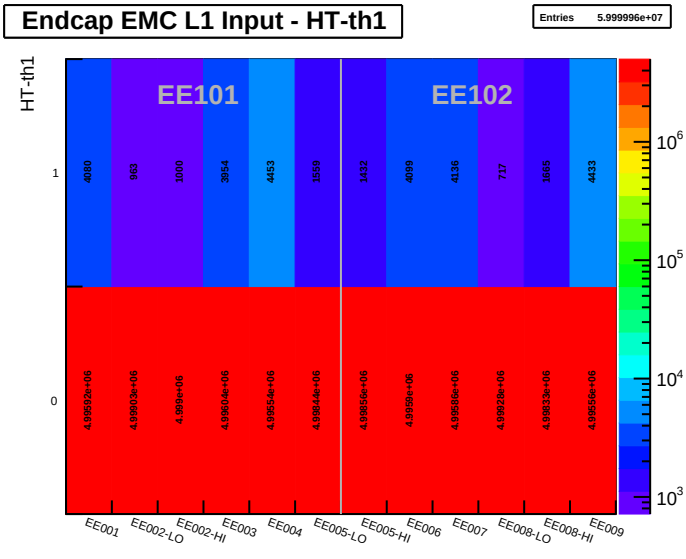

Endcap EMC L1 Input - Low Eta Sum
Entries 1161572
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

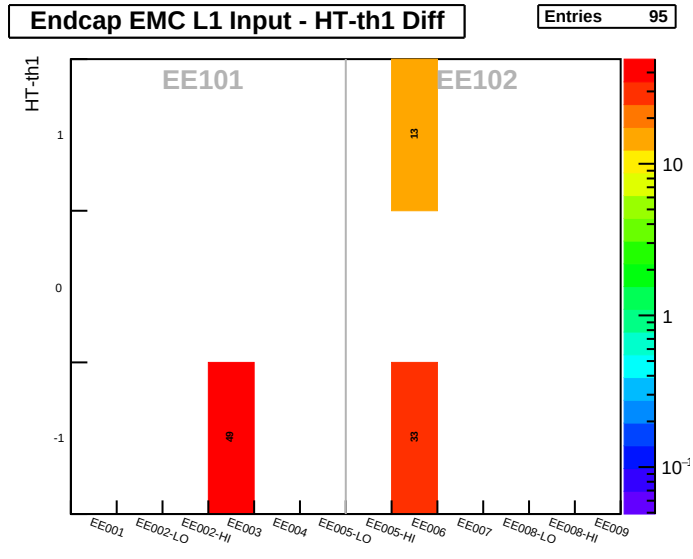

Endcap EMC L1 Input - High Eta Sum
Entries 5.999996e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

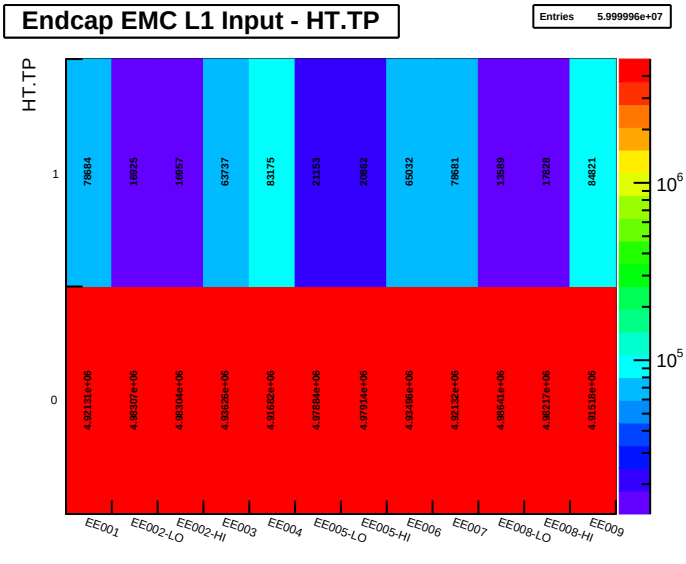

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

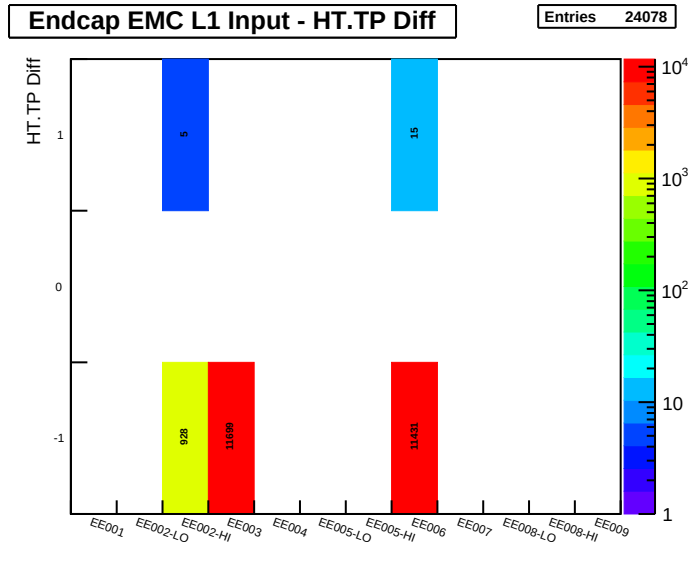

Endcap EMC L1 Input - HT-th0
Entries 5.999996e+07
HT-th0
EE101
EE102
9132
2156
2195
8549
10007
3244
3176
8404
9119
1638
3315
9880
4.99086e+06
4.99784e+06
4.99786e+06
4.99145e+06
4.98899e+06
4.99675e+06
4.99682e+06
4.99159e+06
4.99089e+06
4.99036e+06
4.99668e+06
4.99012e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

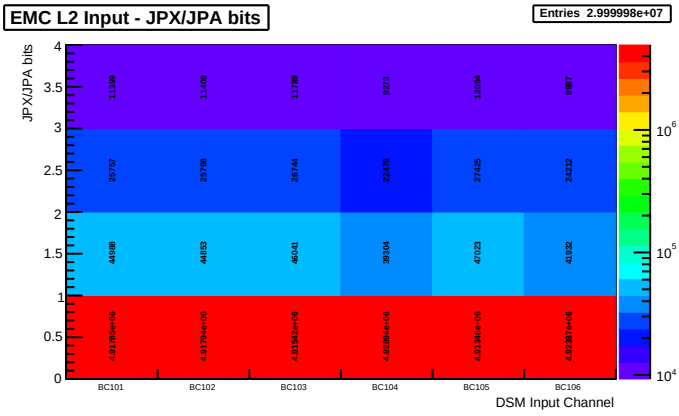

Endcap EMC L1 Input - HT-th0 Diff
Entries 262
HT-th0
EE101
EE102
1
13
11
118
118
1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

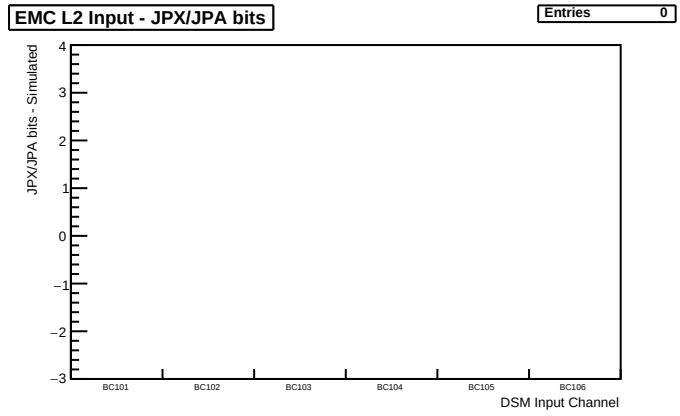

Endcap EMC L1 Input - HT-th1
Entries 5.999996e+07
HT-th1
EE101
EE102
4080
963
1000
3954
4453
1559
1432
4099
4136
717
1665
4433
4.99592e+06
4.99903e+06
4.992e+06
4.99604e+06
4.99554e+06
4.99844e+06
4.99856e+06
4.9958e+06
4.99586e+06
4.99028e+06
4.99833e+06
4.99556e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

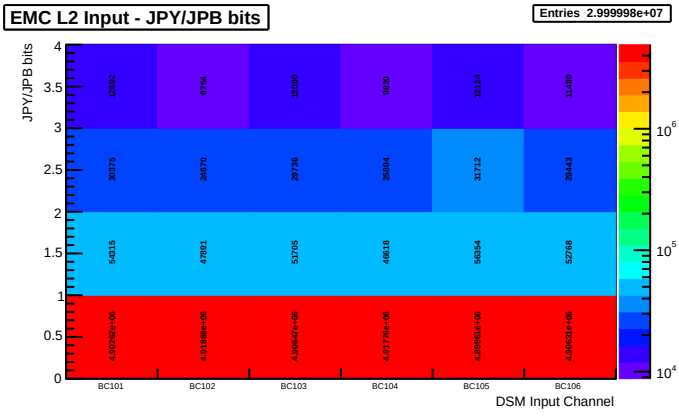

Endcap EMC L1 Input - HT-th1 Diff
Entries 95
HT-th1
EE101
EE102
13
49
33
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

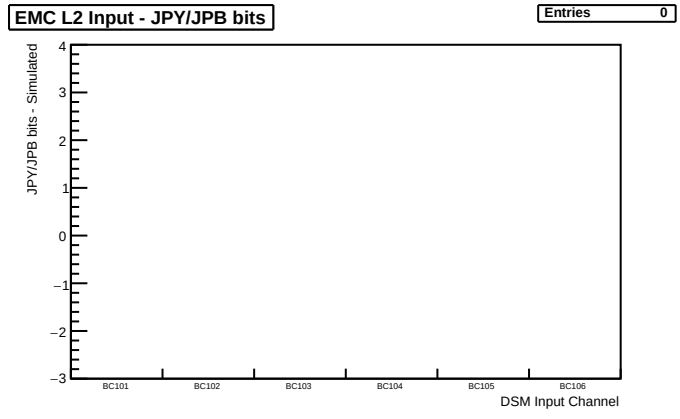

Endcap EMC L1 Input - HT.TP
Entries 5.999996e+07
HT.TP
78684
16925
16957
63737
83175
21153
20862
65032
78681
13589
17828
84821
4.92131e+06
4.98307e+06
4.98304e+06
4.93626e+06
4.91682e+06
4.97884e+06
4.97914e+06
4.93496e+06
4.92132e+06
4.98641e+06
4.98217e+06
4.91518e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

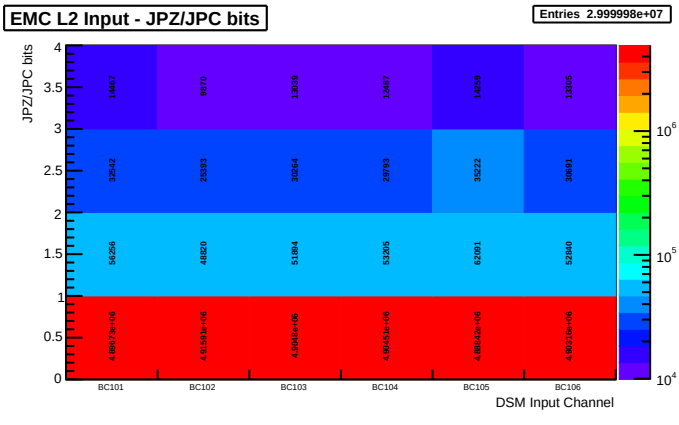

Endcap EMC L1 Input - HT.TP Diff
Entries 24078
HT.TP Diff
5
15
928
11690
11431
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

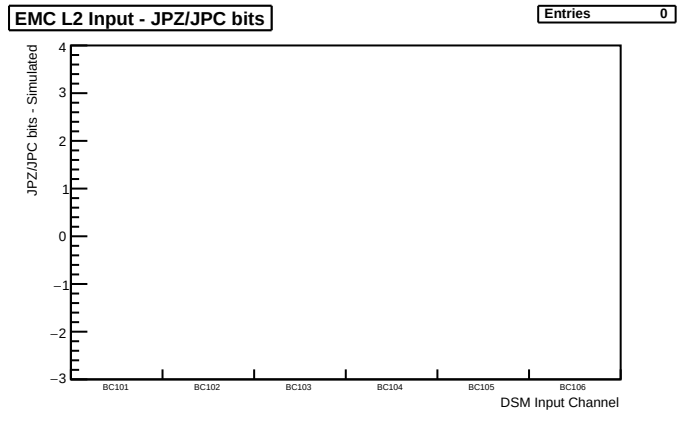

EMC L2 Input - JPX/JPA bits
Entries 2.999998e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11339
11409
11739
9273
12094
9987
25757
25798
26744
22478
27425
24212
44988
44853
46041
39304
47023
41932
4.91765e+06
4.91794e+06
4.91542e+06
4.92884e+06
4.91346e+06
4.92387e+06

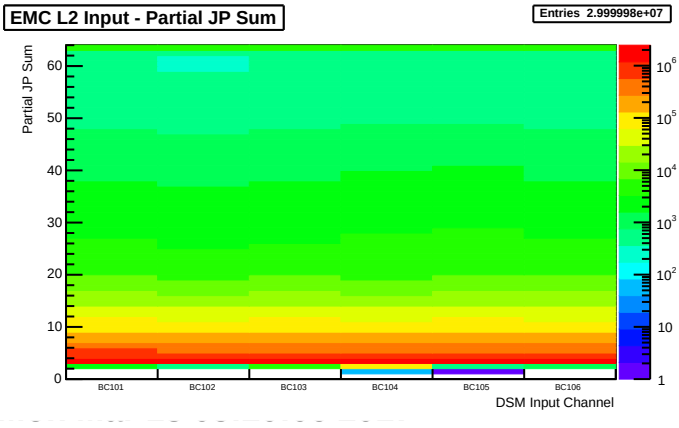

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

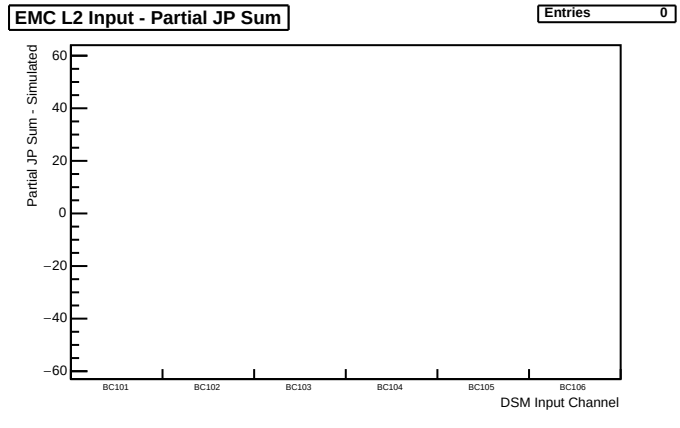

EMC L2 Input - JPY/JPB bits
Entries 2.999998e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12592
8754
12080
9920
12124
11480
30375
24670
29736
25904
31712
29443
54315
47891
51705
46618
56354
52768
4.90262e+06
4.91869e+06
4.90547e+06
4.91778e+06
4.89981e+06
4.90531e+06

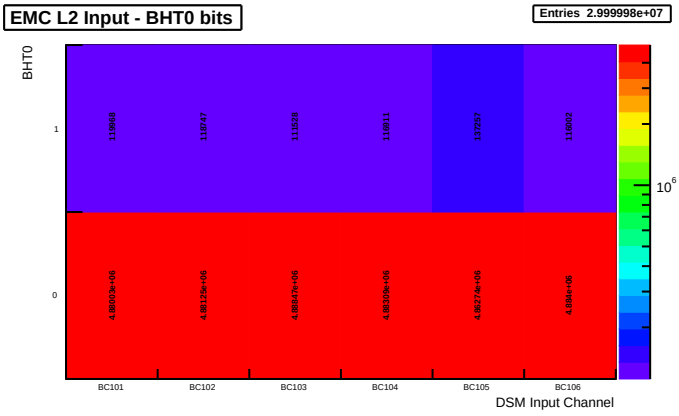

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

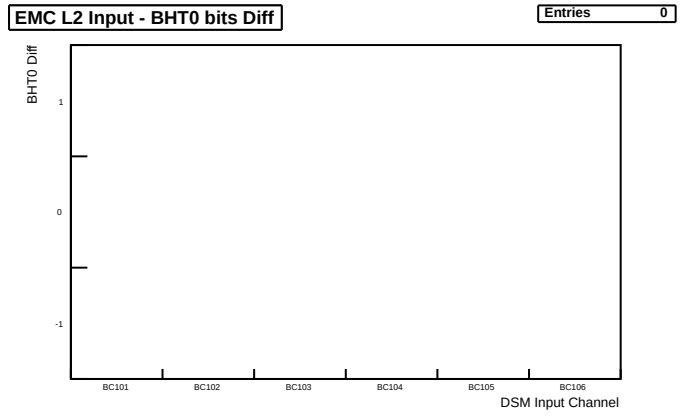

EMC L2 Input - JPZ/JPC bits
Entries 2.999998e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14417
9870
13339
12487
14259
13305
32542
29393
30284
29793
35222
30691
56256
48820
51884
53205
62091
52840
4.89673e+06
4.91591e+06
4.90986e+06
4.90453e+06
4.88942e+06
4.90316e+06

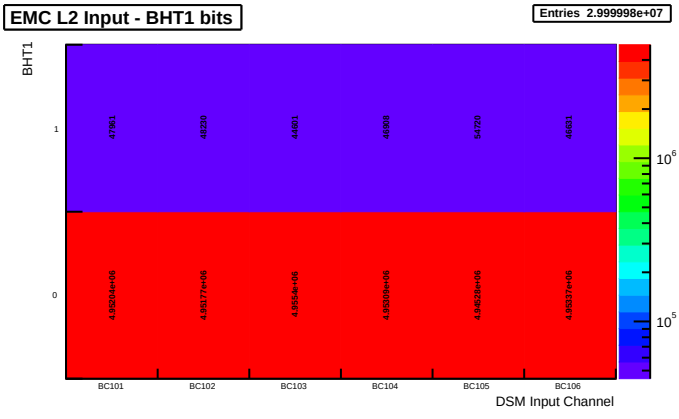

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

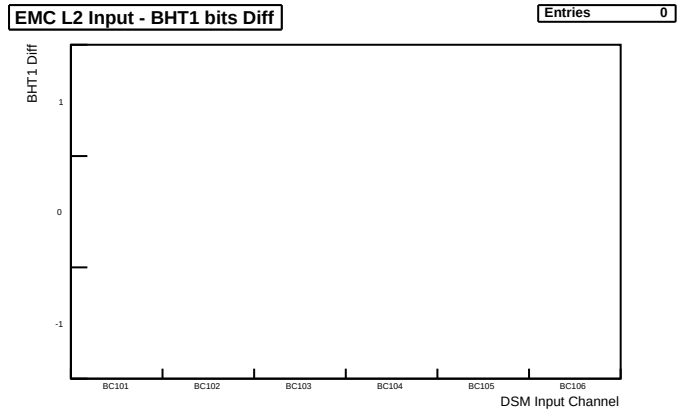

EMC L2 Input - Partial JP Sum
Entries 2.999998e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

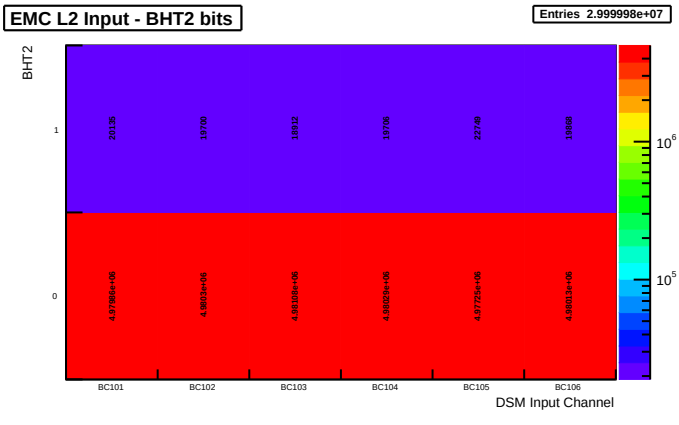

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

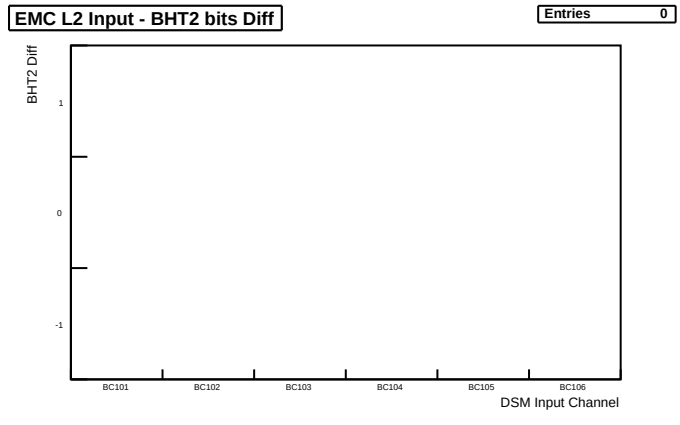

EMC L2 Input - BHT0 bits
Entries 2.999998e+07
BHT0
1
0
119948
118747
111528
116911
137257
116002
4.80003e+06
4.88125e+06
4.88847e+06
4.88309e+06
4.88274e+06
4.884e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

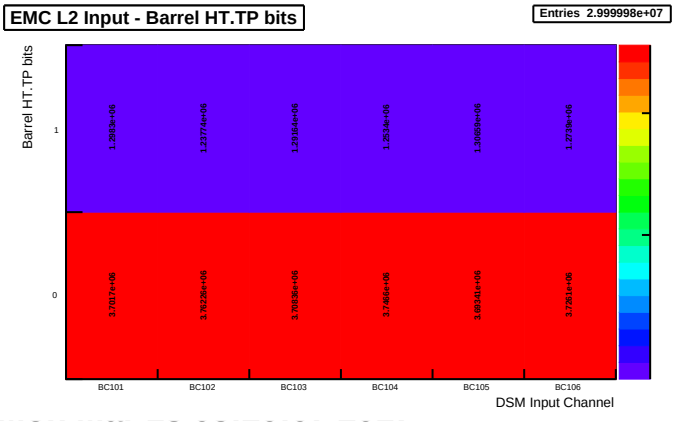

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

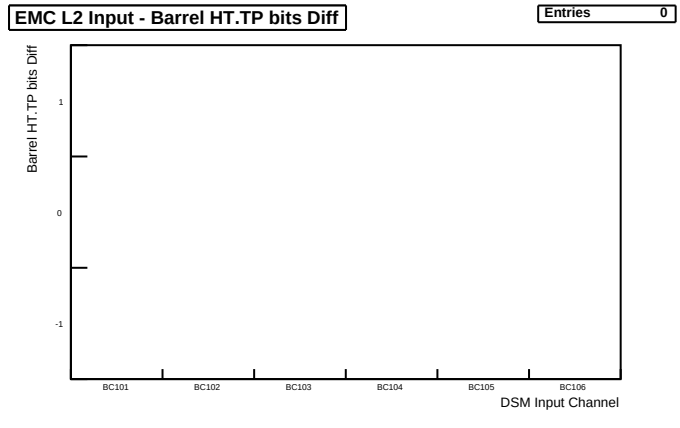

EMC L2 Input - BHT1 bits
Entries 2.999998e+07
BHT1
1
0
47961
4220
44601
45998
54720
46631
4.95304e+06
4.95177e+06
4.95546e+06
4.95309e+06
4.94528e+06
4.95327e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

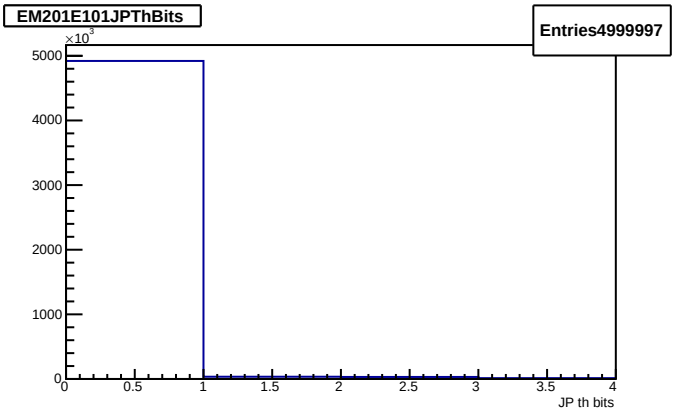

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

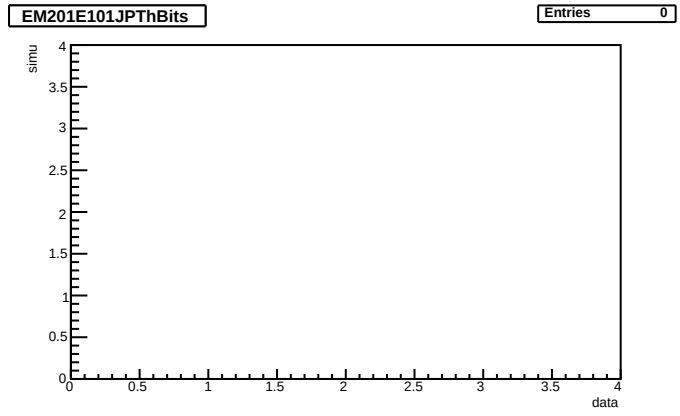

EMC L2 Input - BHT2 bits
Entries 2.999998e+07
BHT2
1
0
20135
19700
18912
19706
22749
19868
4.97986e+06
4.98053e+06
4.98108e+06
4.98029e+06
4.97725e+06
4.98013e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

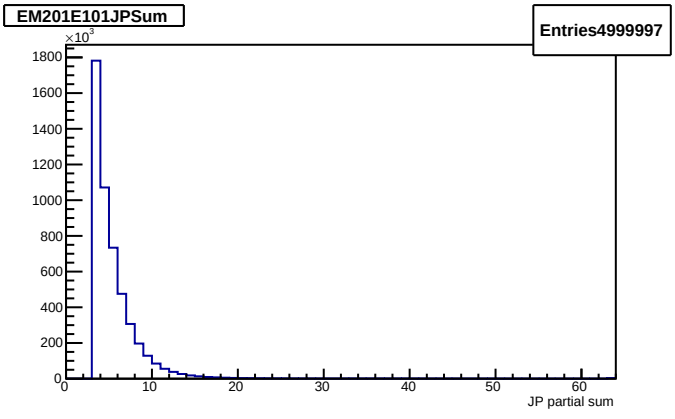

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

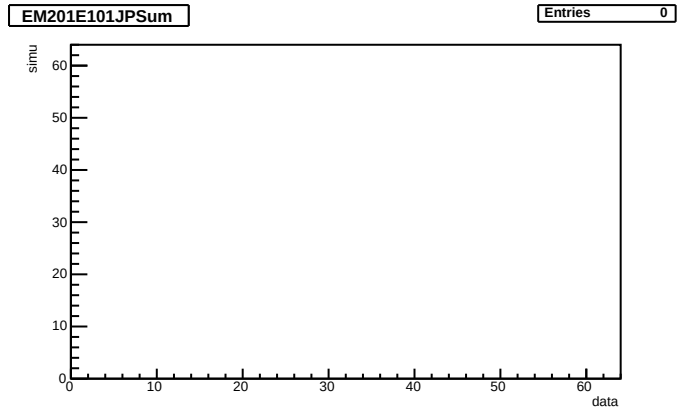

EMC L2 Input - Barrel HT.TP bits
Entries 2.999998e+07
Barrel HT.TP bits
1
0
1.2633e+06
1.23774e+06
1.23564e+06
1.2534e+06
1.30659e+06
1.2739e+06
3.7017e+06
3.76229e+06
3.70636e+06
3.7466e+06
3.69341e+06
3.7261e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

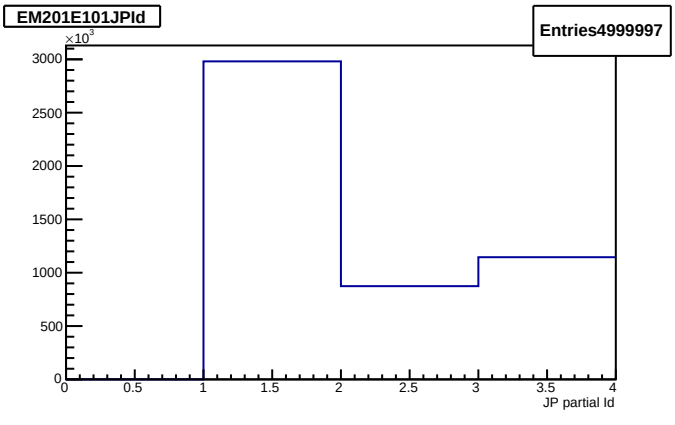

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

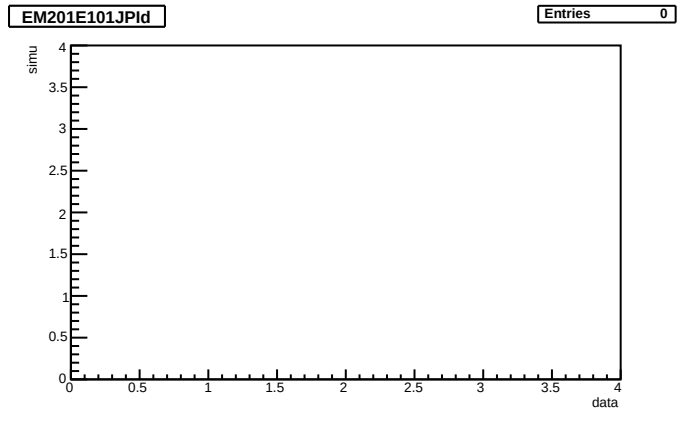

EM201E101JPThBits
Entries4999997
×10^3
JP th bits

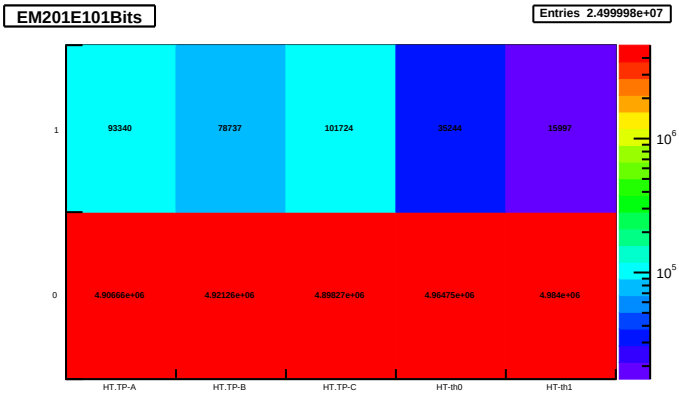

EM201E101JPThBits
Entries 0
simu
data

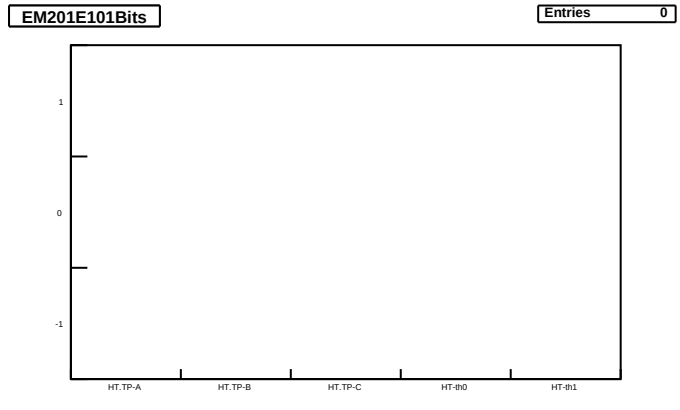

EM201E101JPSum
Entries4999997
×10^3
JP partial sum

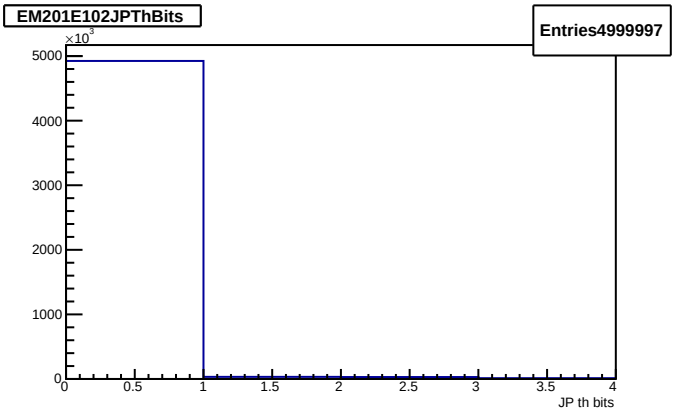

EM201E101JPSum
Entries 0
simu
data

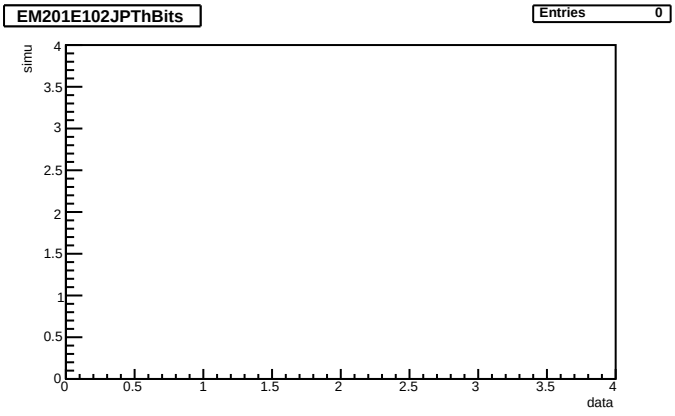

EM201E101JPId
Entries4999997
×10^3
JP partial Id

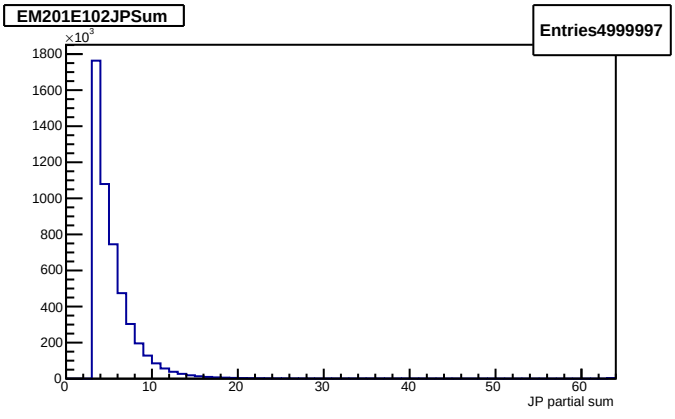

EM201E101JPId
Entries 0
simu
data

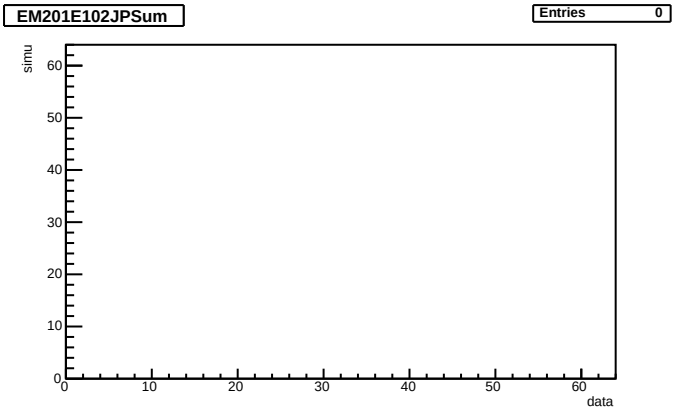

EM201E101Bits
Entries 2.499998e+07
93340
78737
101724
35244
15997
4.90666e+06
4.92126e+06
4.89827e+06
4.96475e+06
4.984e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

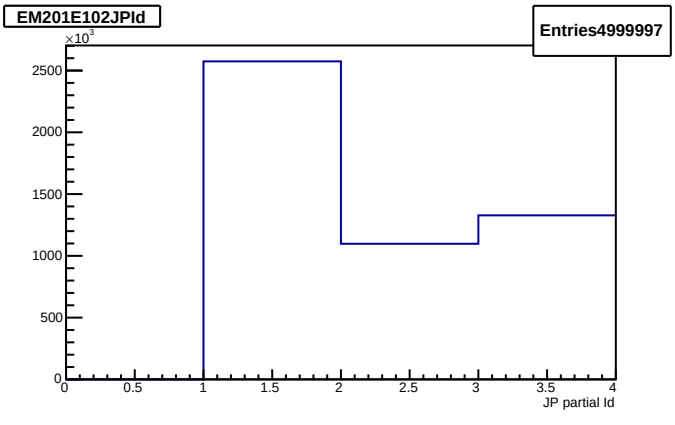

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

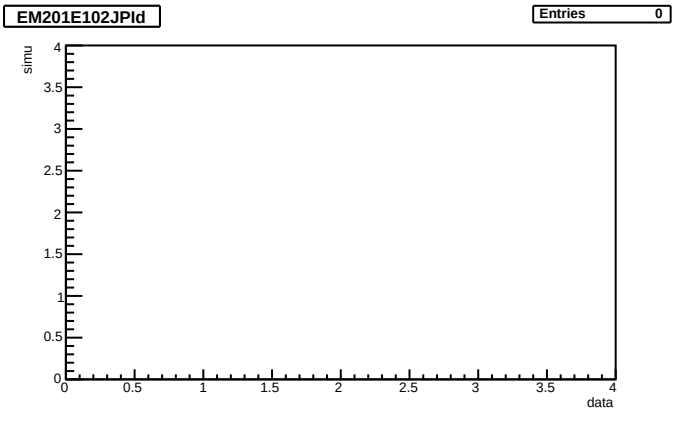

EM201E102JPThBits
Entries4999997
×10^3
JP th bits

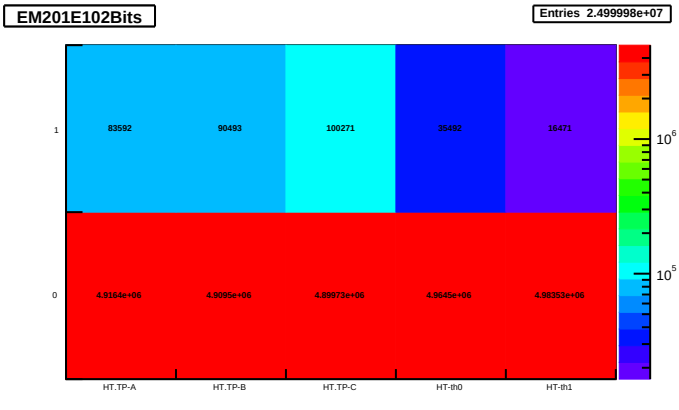

EM201E102JPThBits
Entries 0
simu
data

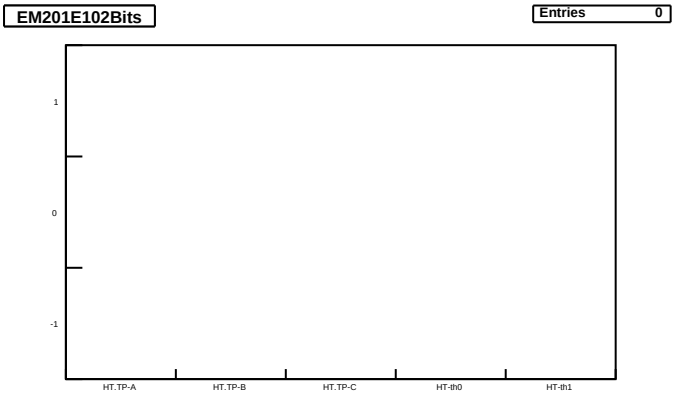

EM201E102JPSum
Entries4999997
×10^3
JP partial sum

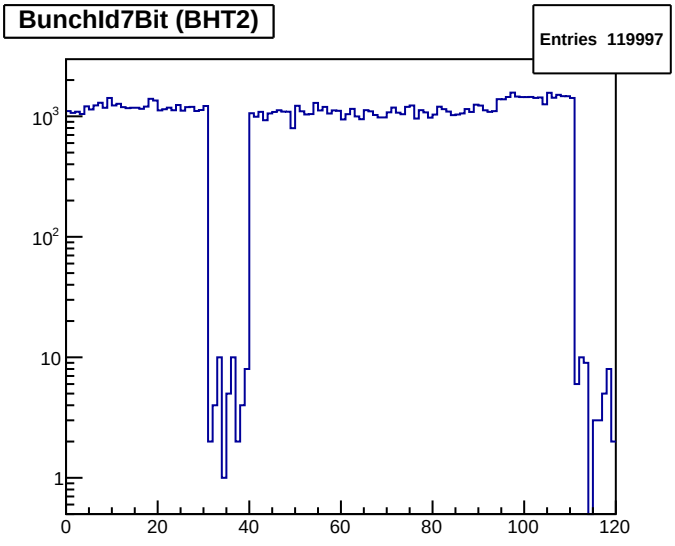

EM201E102JPSum
Entries 0
simu
data

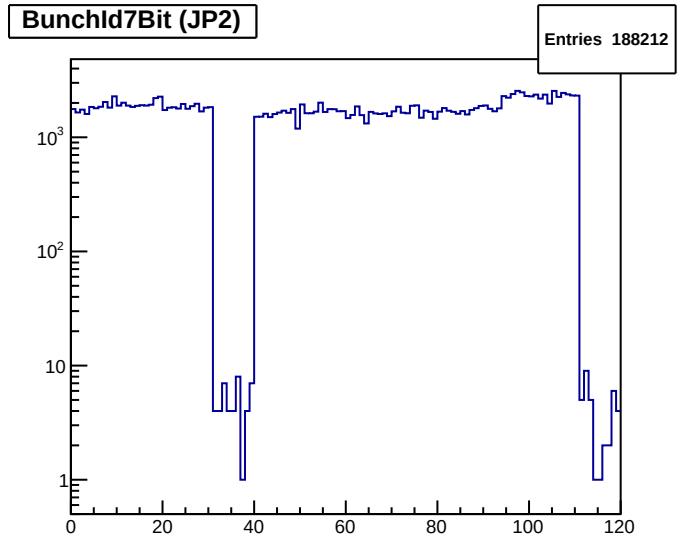

EM201E102JPId
Entries4999997
×10^3
JP partial Id

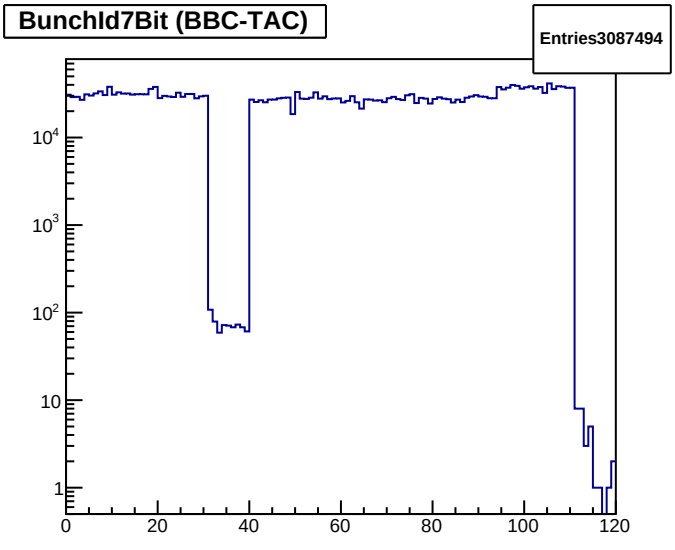

EM201E102JPId
Entries 0
simu
data

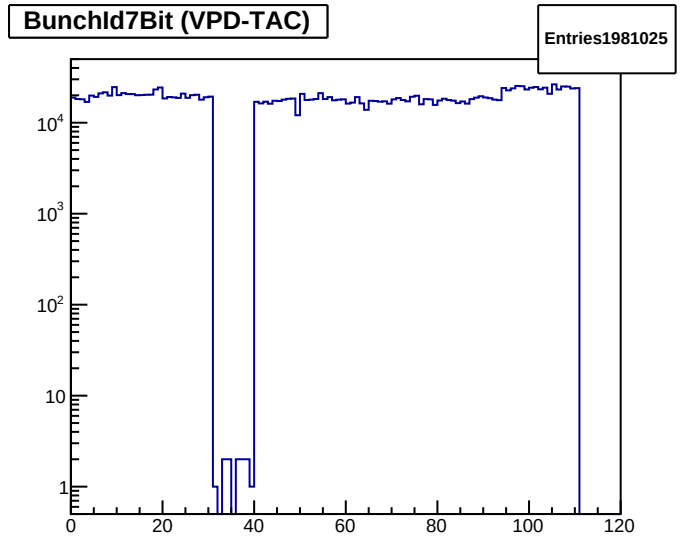

EM201E102Bits
Entries 2.499998e+07
83592
90493
100271
35492
16471
4.9164e+06
4.9095e+06
4.89973e+06
4.9645e+06
4.98353e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

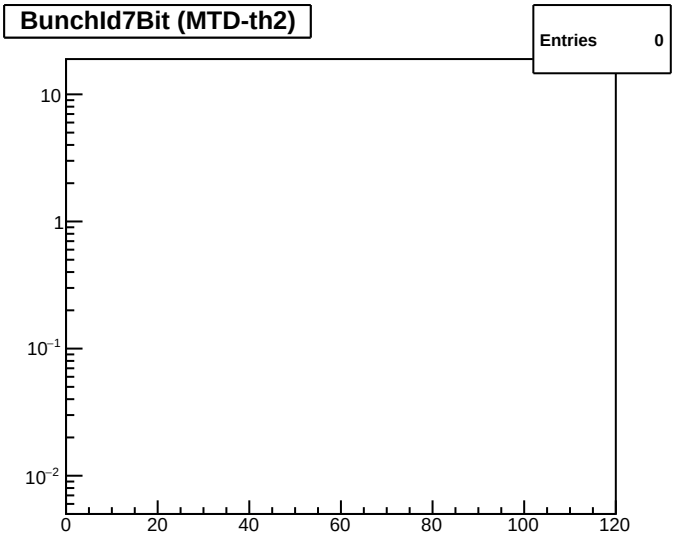

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

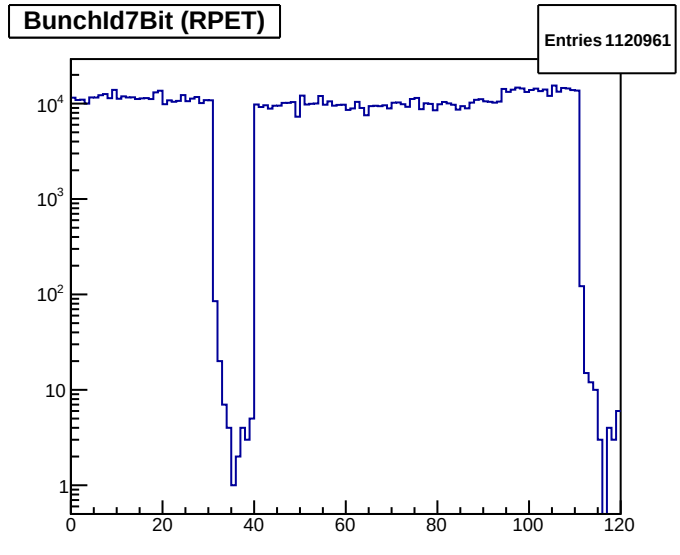

BunchId7Bit (BHT2)
Entries 119997

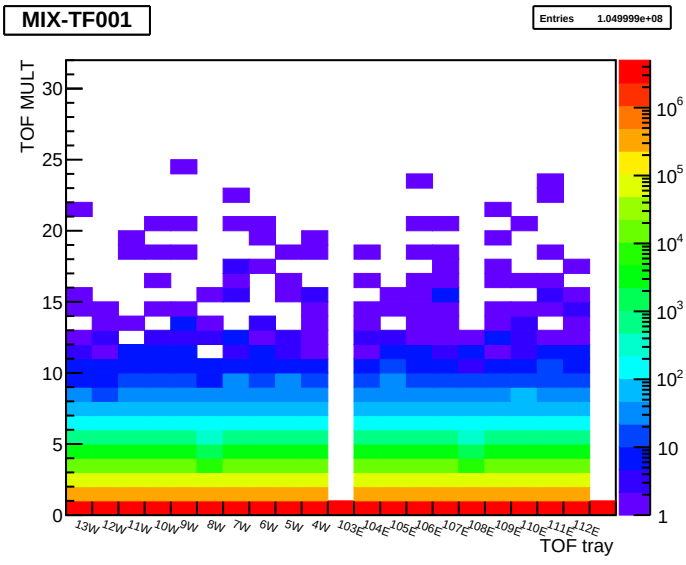

BunchId7Bit (JP2)
Entries 188212

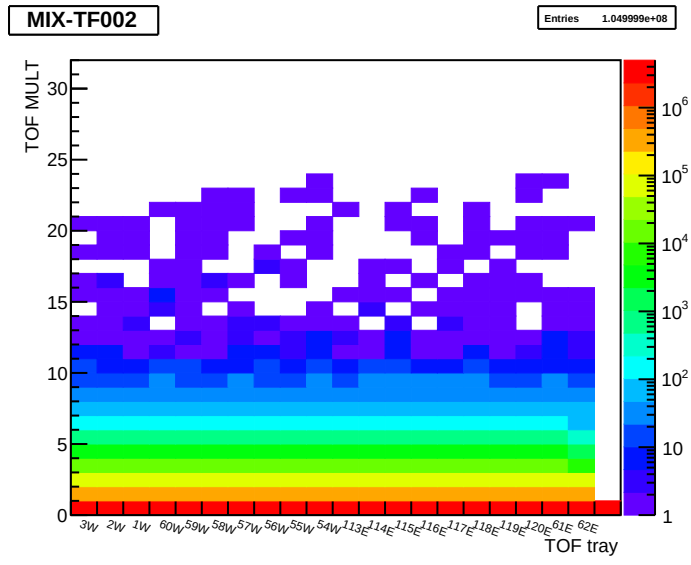

BunchId7Bit (BBC-TAC)
Entries3087494

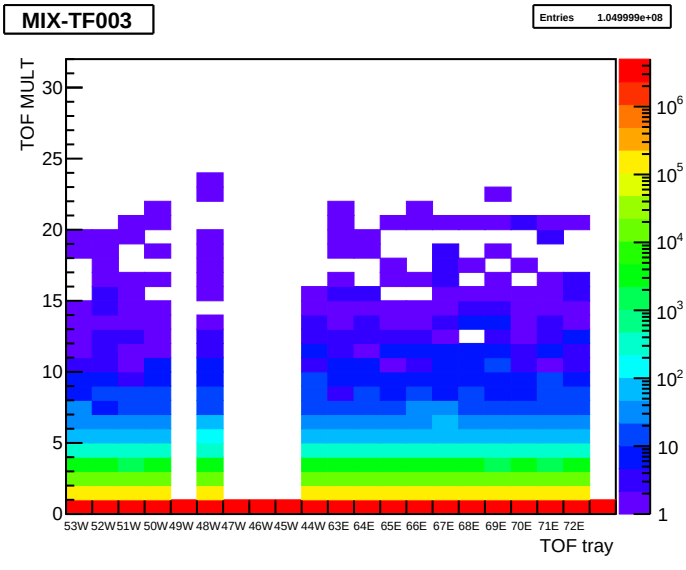

BunchId7Bit (VPD-TAC)
Entries1981025

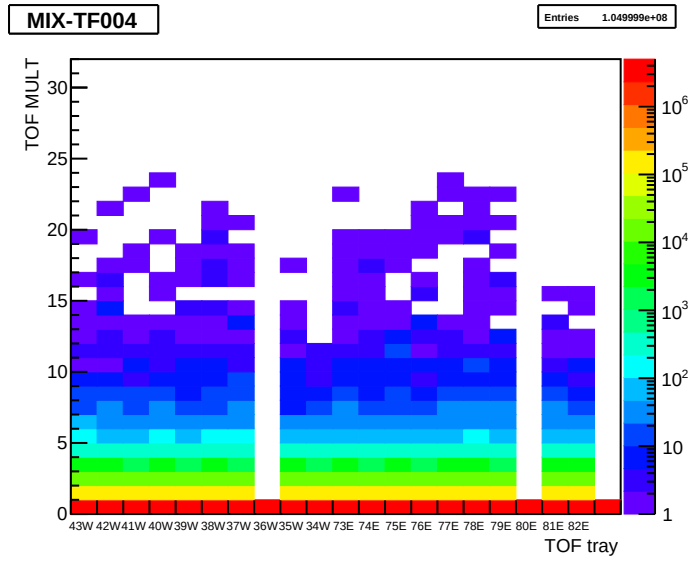

BunchId7Bit (MTD-th2)
Entries 0

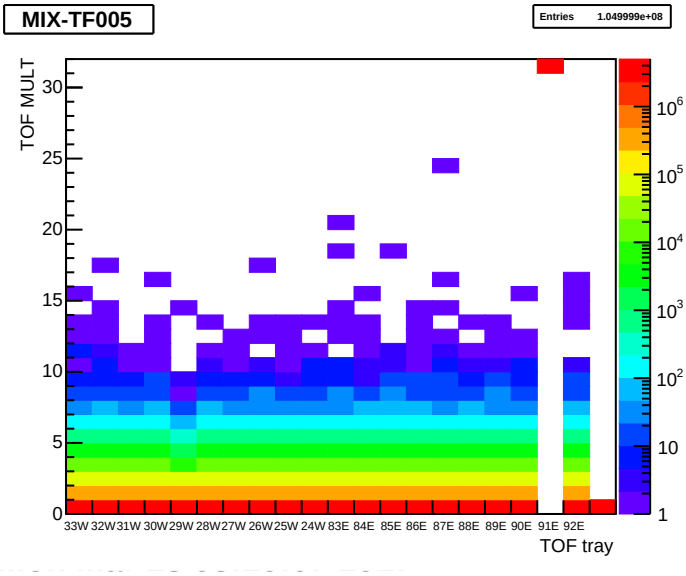

BunchId7Bit (RPET)
Entries 1120961

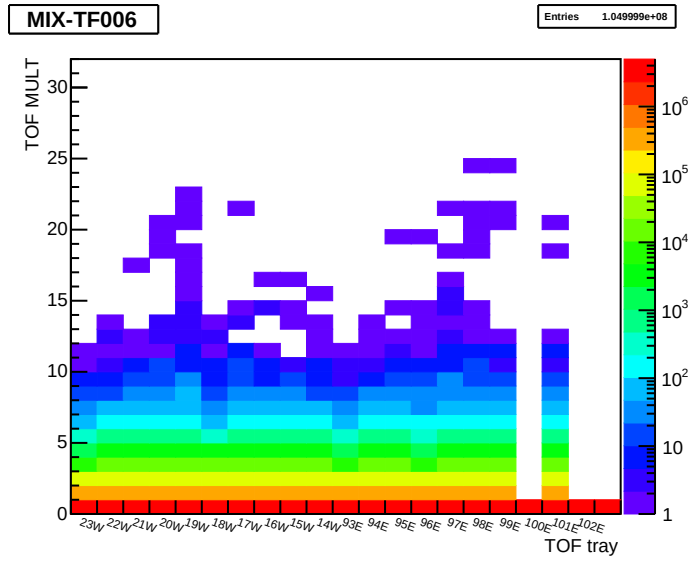

MIX-TF001
Entries 1.049999e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

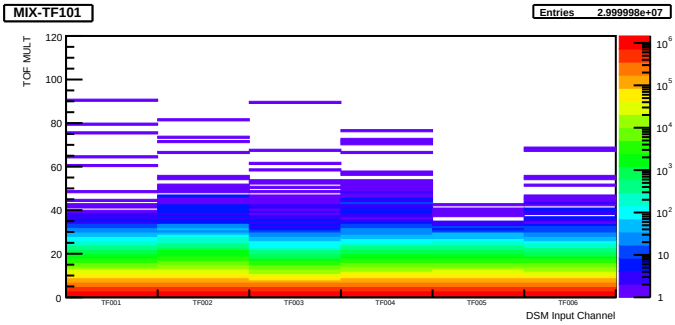

MIX-TF002
Entries 1.049999e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

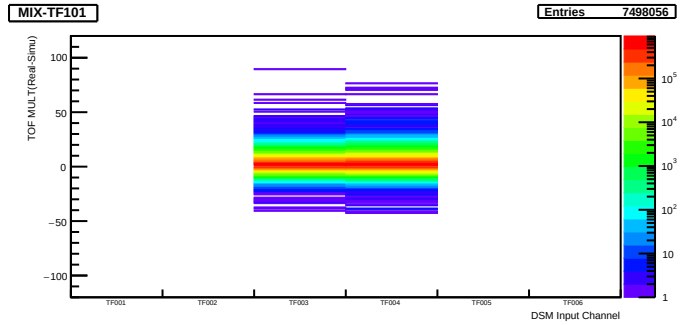

MIX-TF003
Entries 1.049999e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

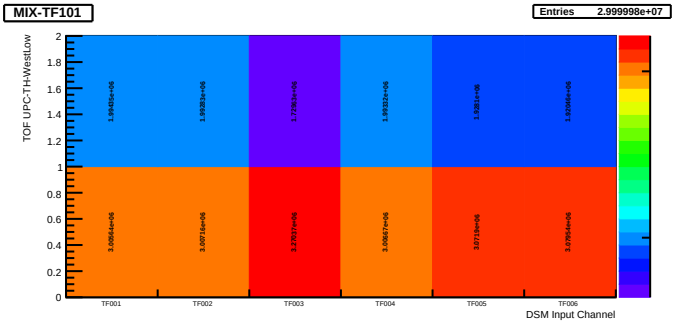

MIX-TF004
Entries 1.049999e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

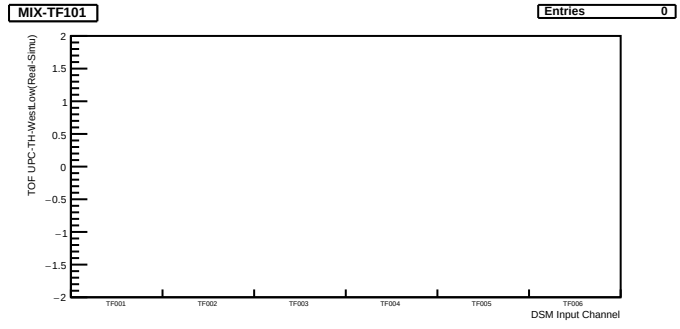

MIX-TF005
Entries 1.049999e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

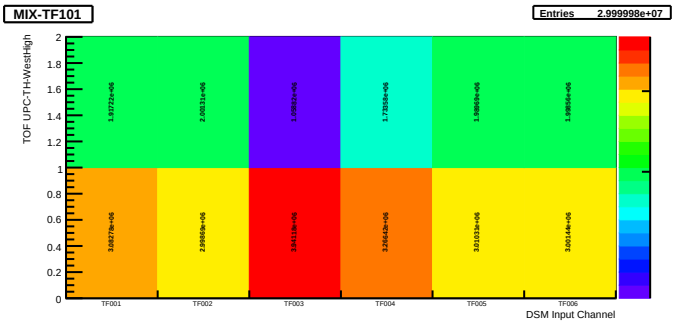

MIX-TF006
Entries 1.049999e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

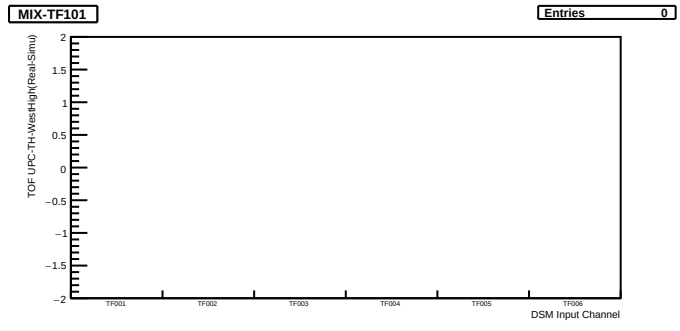

MIX-TF101
Entries 2.999998e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

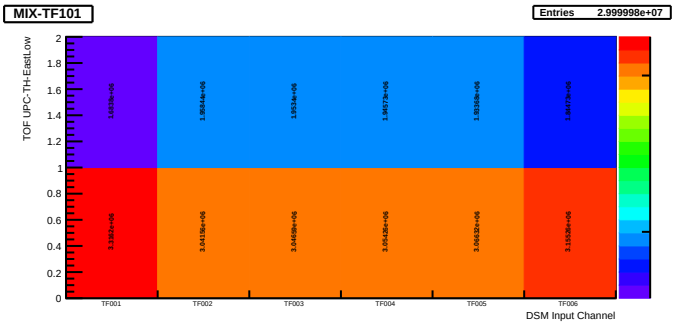

MIX-TF101
Entries 7498056
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

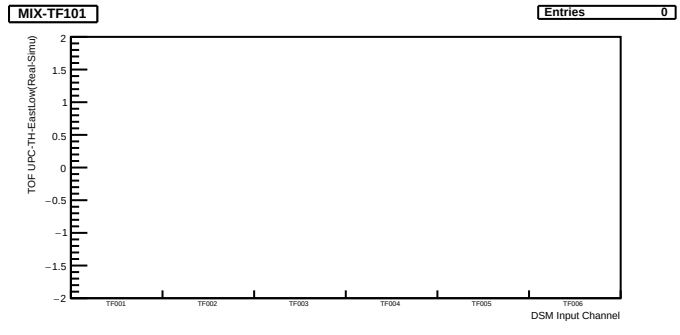

MIX-TF101
Entries 2.999998e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

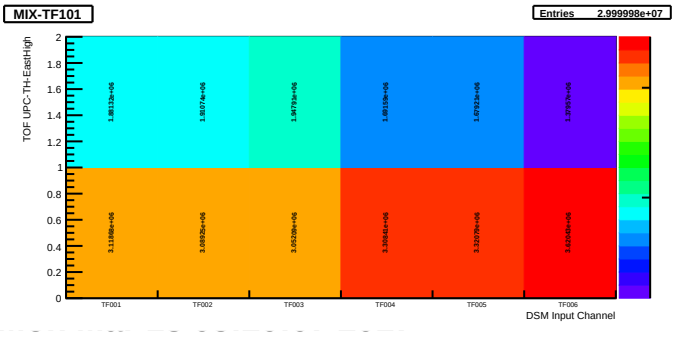

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

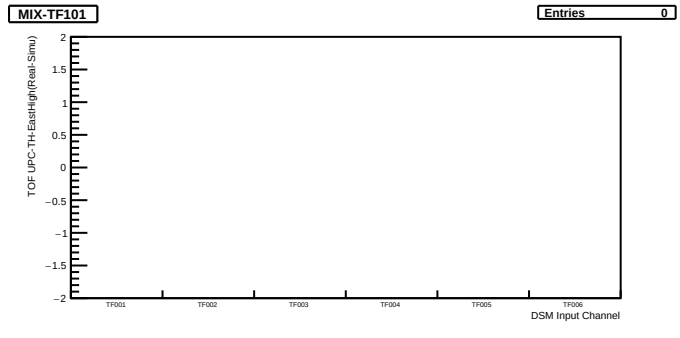

MIX-TF101
Entries 2.999998e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

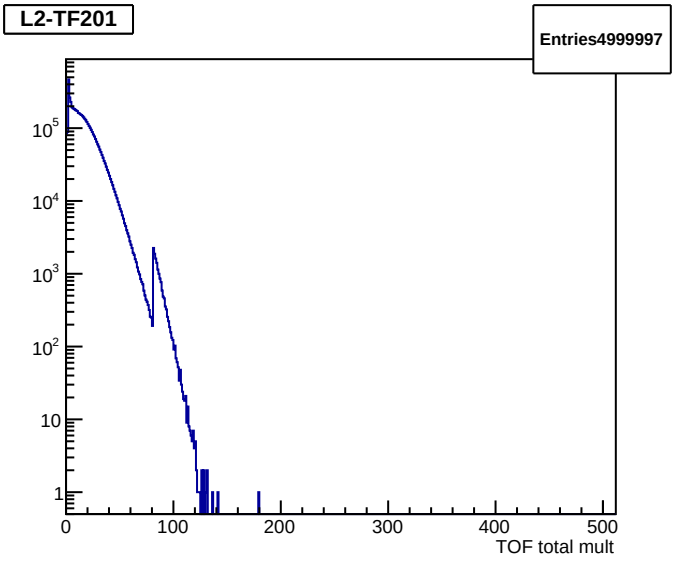

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

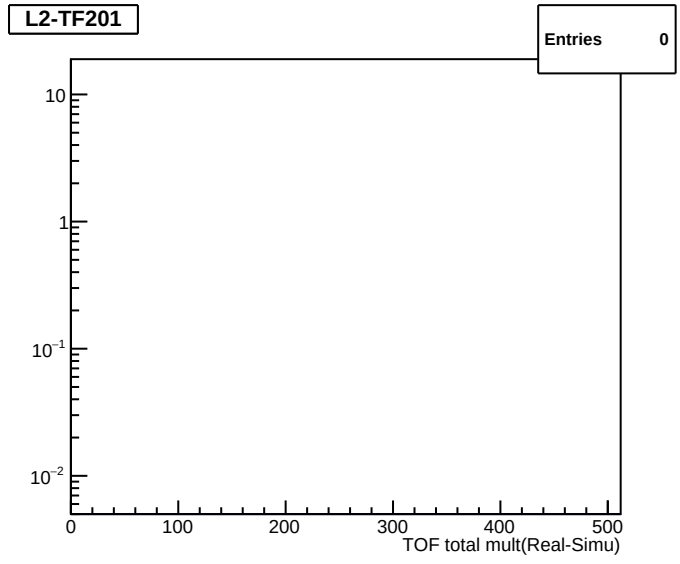

MIX-TF101
Entries 2.999998e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

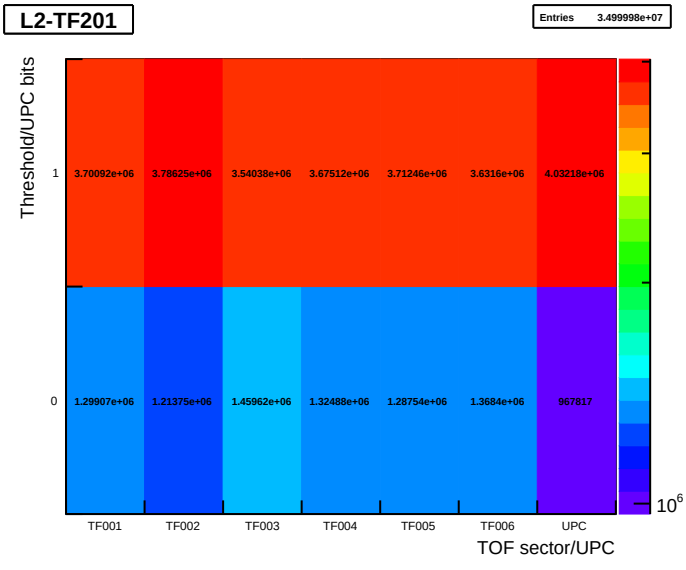

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

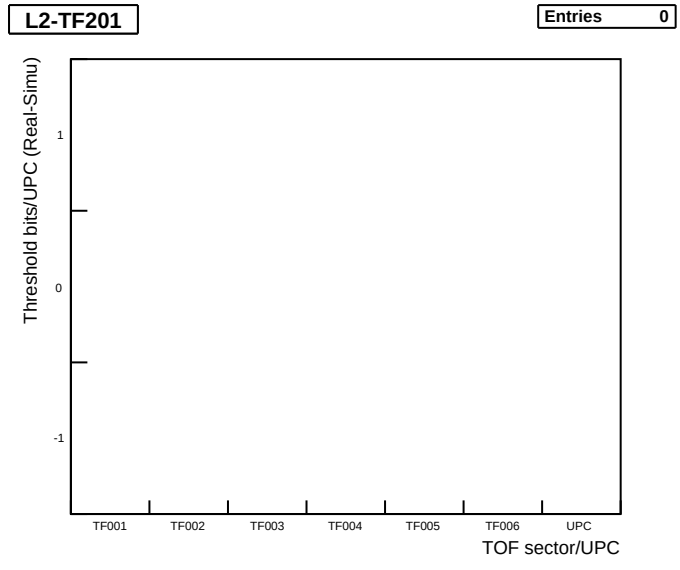

MIX-TF101
Entries 2.999998e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

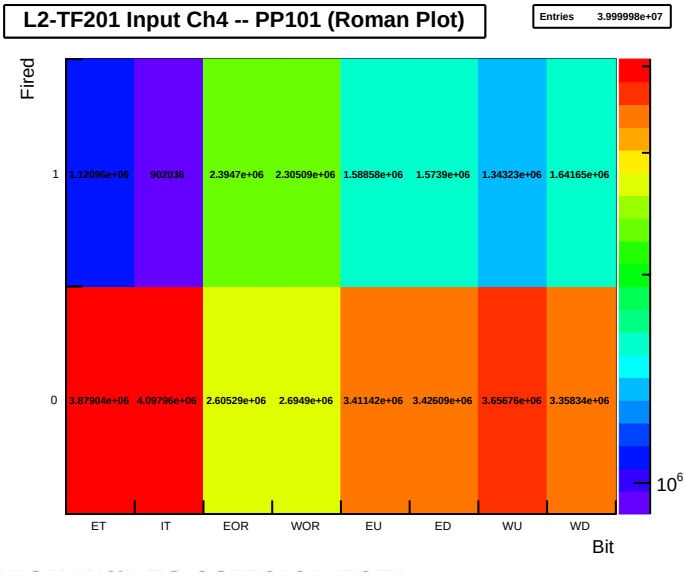

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

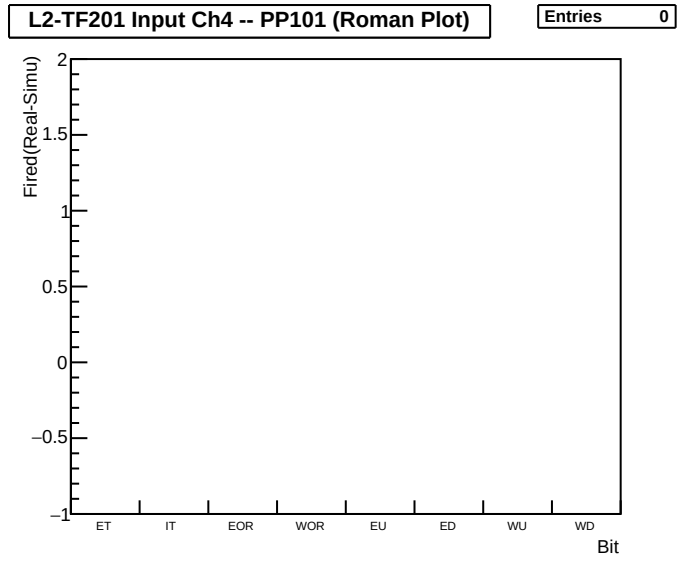

L2-TF201
Entries4999997
TOF total mult

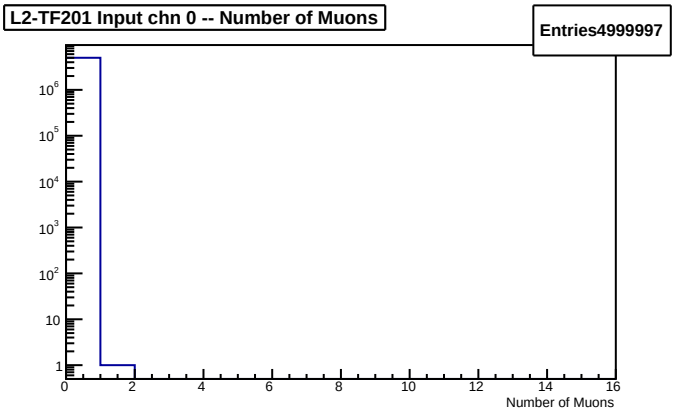

L2-TF201
Entries 0
TOF total mult(Real-Simu)

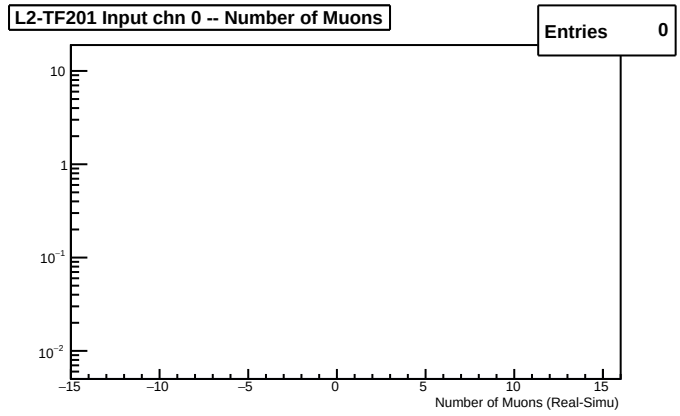

L2-TF201
Entries 3.499998e+07
Threshold/UPC bits
3.70092e+06
3.78625e+06
3.54038e+06
3.67512e+06
3.71246e+06
3.6316e+06
4.03218e+06
1.29907e+06
1.21375e+06
1.45962e+06
1.32488e+06
1.28754e+06
1.3684e+06
967817
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

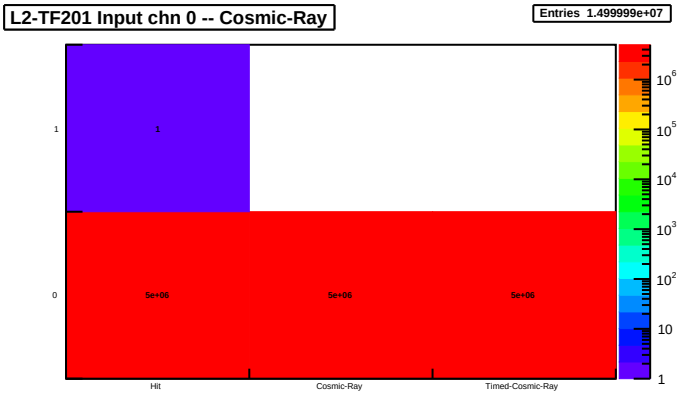

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

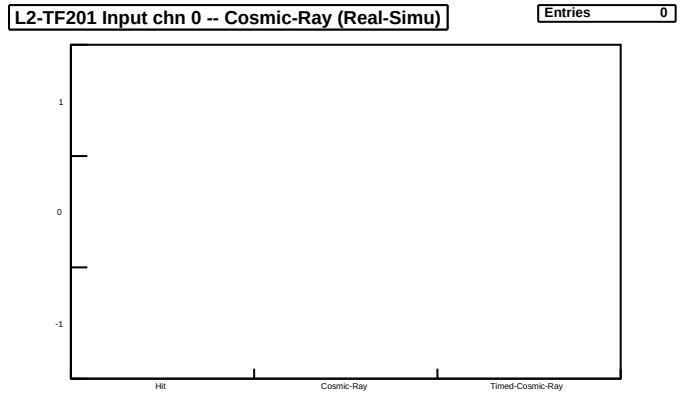

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.999998e+07
Fired
1.12096e+06
902036
2.3947e+06
2.30509e+06
1.58858e+06
1.5739e+06
1.34323e+06
1.64165e+06
3.87904e+06
4.09796e+06
2.60529e+06
2.6949e+06
3.41142e+06
3.42609e+06
3.65676e+06
3.35834e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

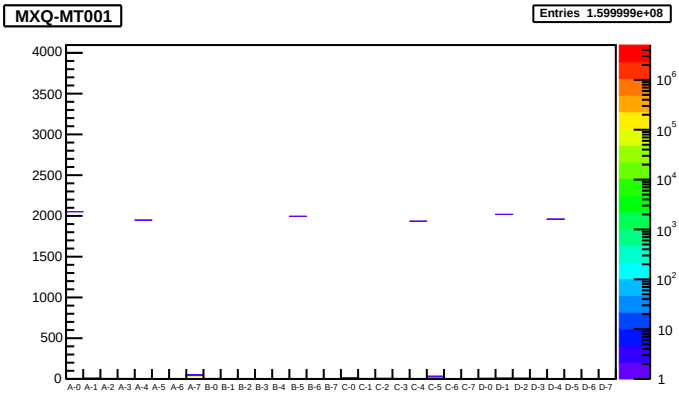

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

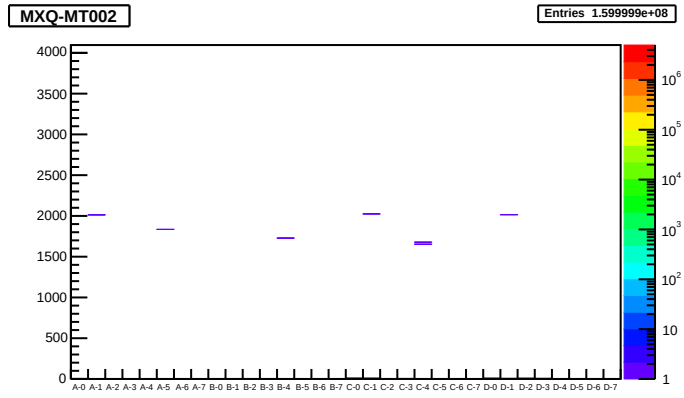

L2-TF201 Input chn 0 -- Number of Muons
Entries4999997
Number of Muons

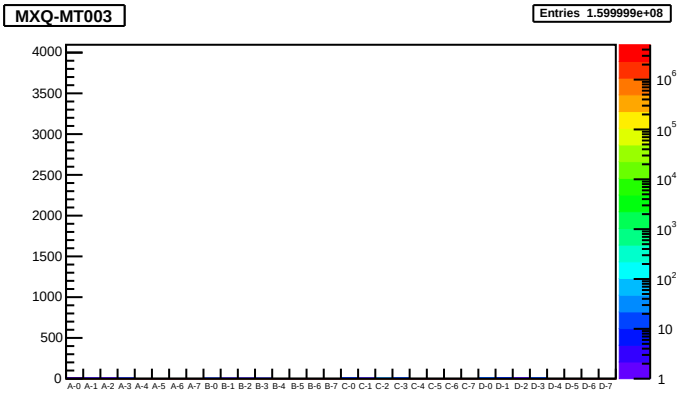

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

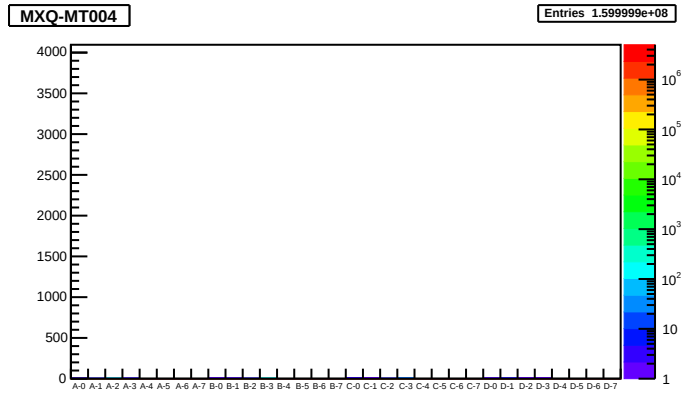

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.499999e+07
1
5e+06
5e+06
5e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

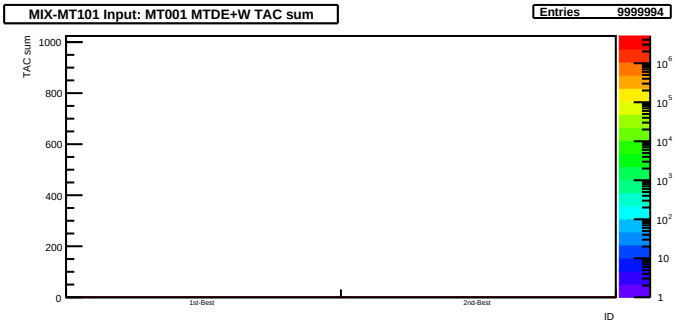

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

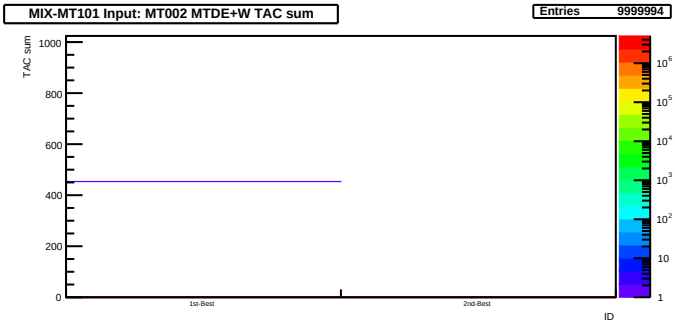

MXQ-MT001
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

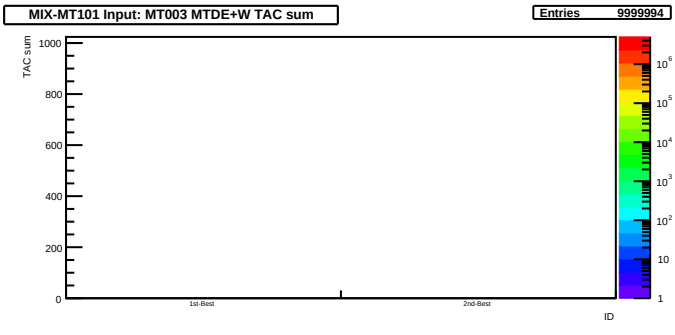

MXQ-MT002
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

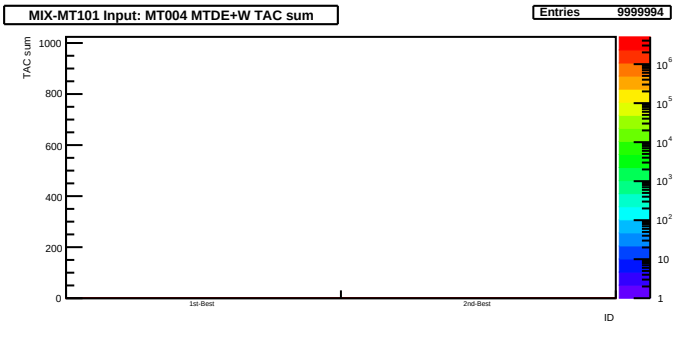

MXQ-MT003
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

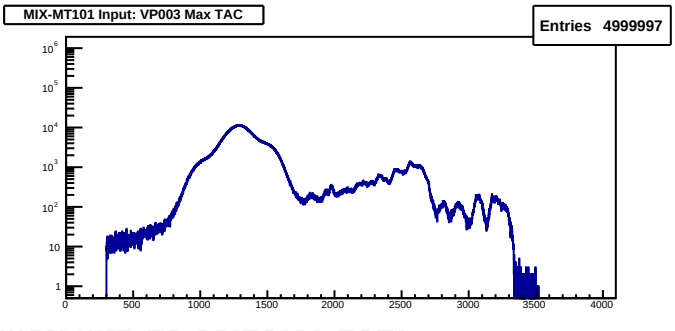

MXQ-MT004
Entries 1.599999e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

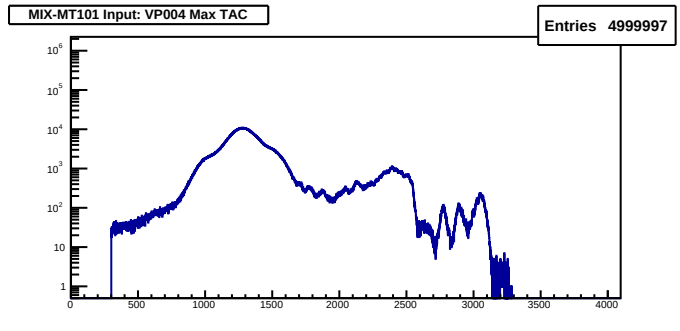

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9999994
TAC sum
1st-Best
2nd-Best
ID

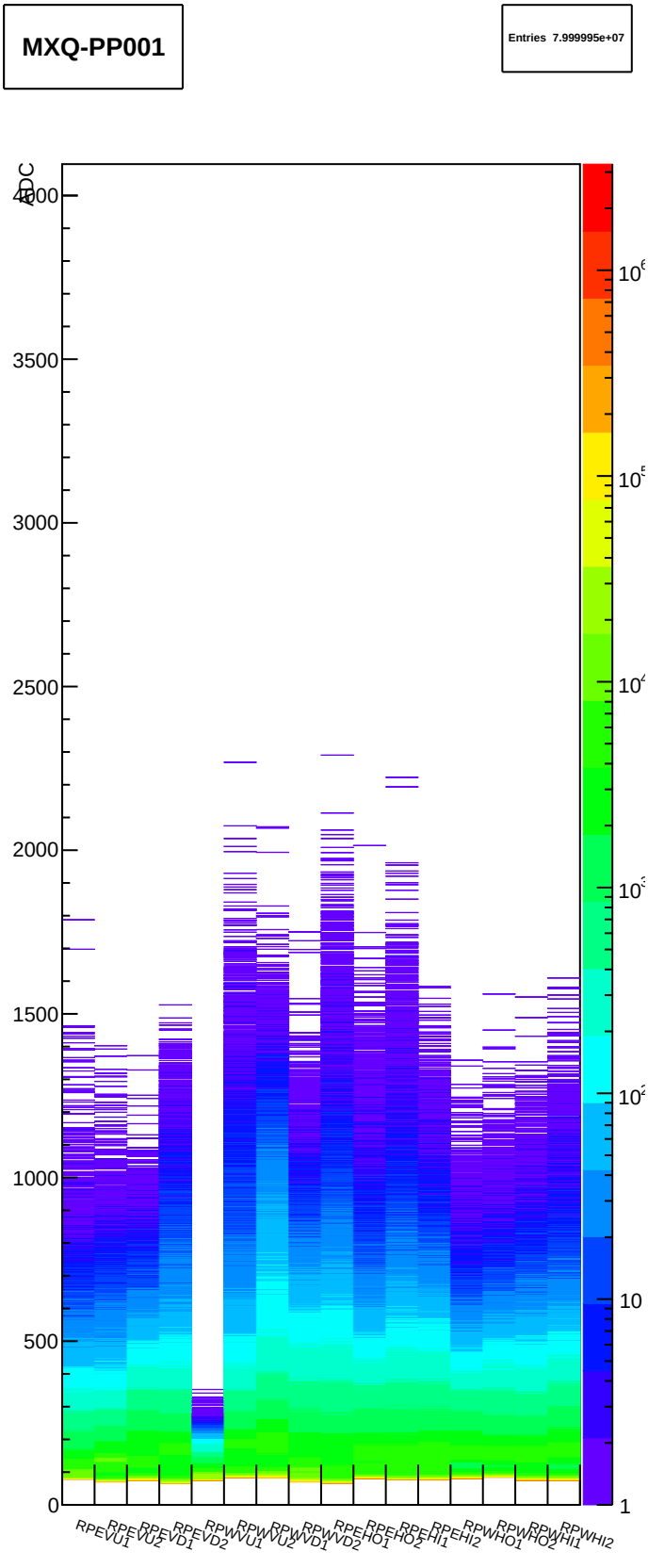

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9999994
TAC sum
1st-Best
2nd-Best
ID

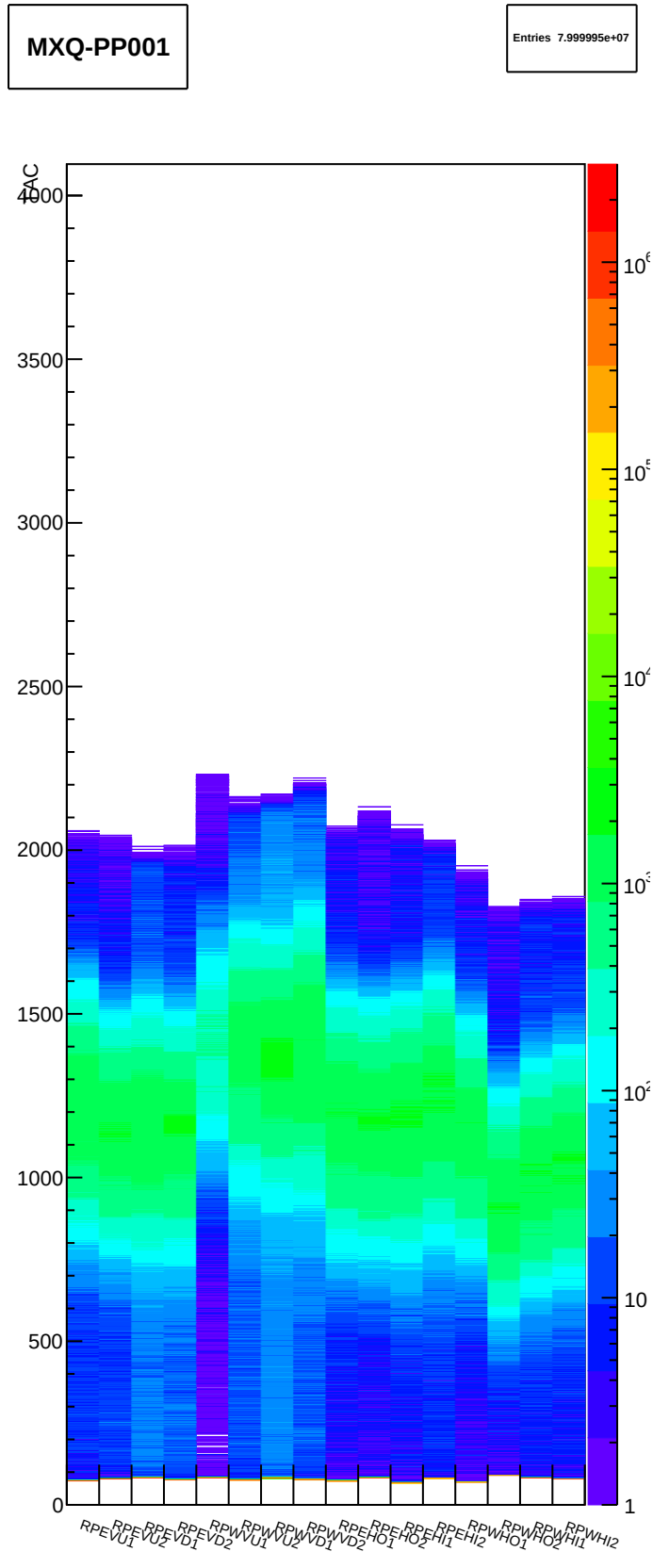

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9999994
TAC sum
1st-Best
2nd-Best
ID

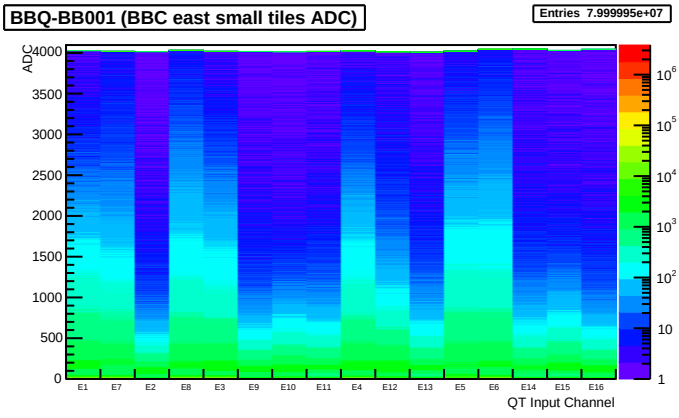

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9999994
TAC sum
1st-Best
2nd-Best
ID

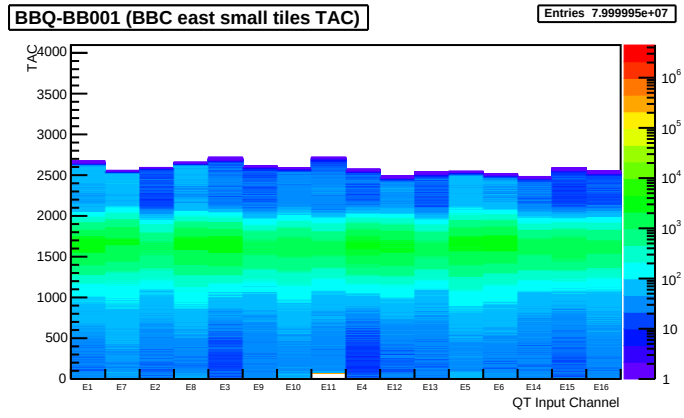

MIX-MT101 Input: VP003 Max TAC
Entries 4999997

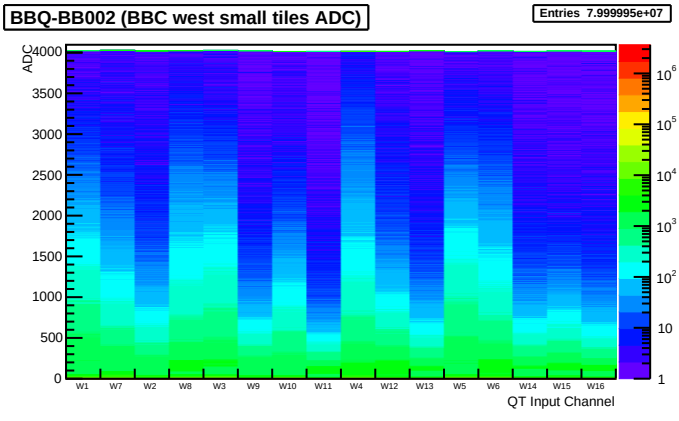

MIX-MT101 Input: VP004 Max TAC
Entries 4999997

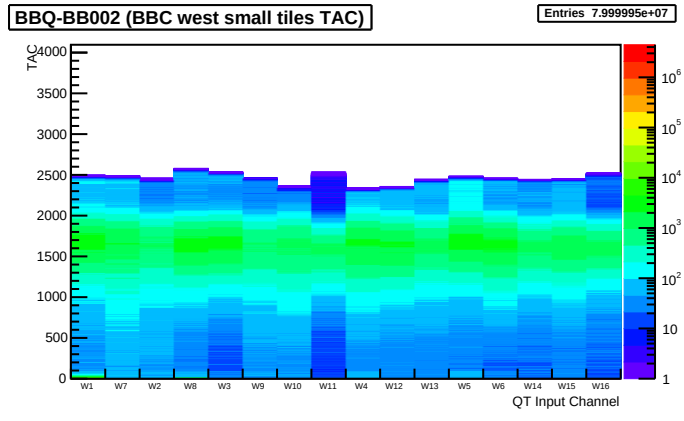

MXQ-PP001
Entries 7.999995e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

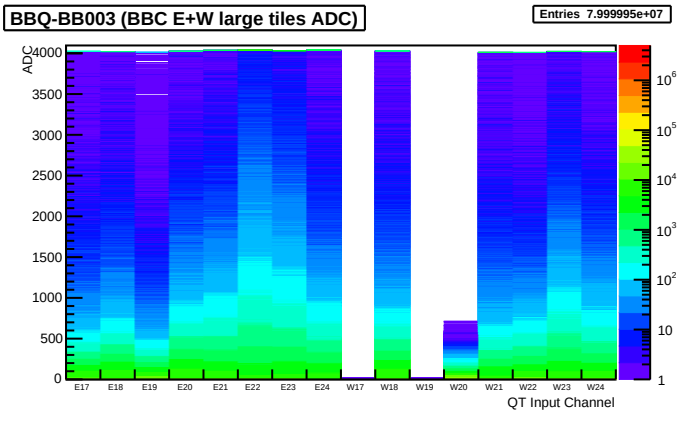

MXQ-PP001
Entries 7.999995e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

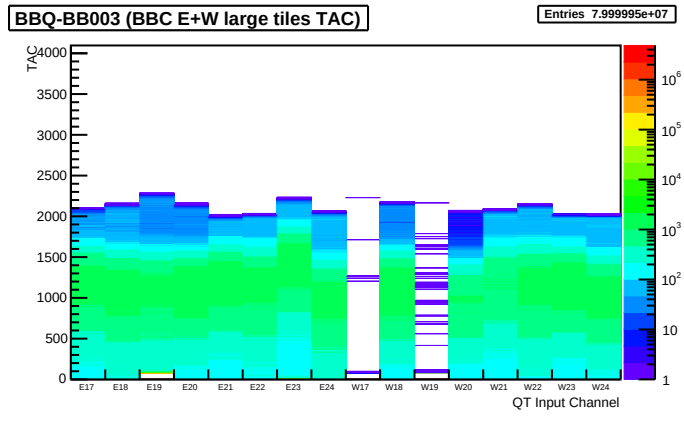

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.999995e+07
ADC
QT Input Channel

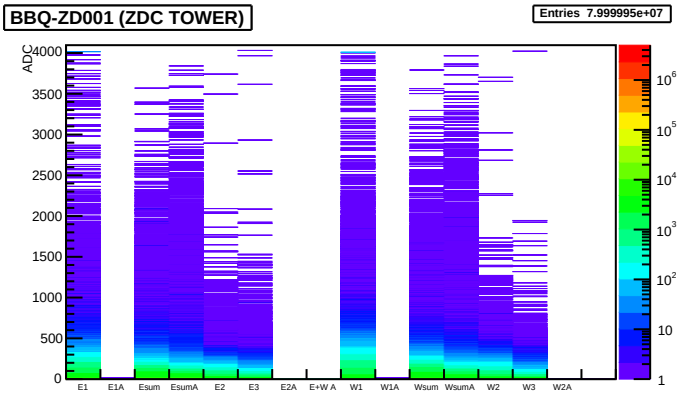

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.999995e+07
TAC
QT Input Channel

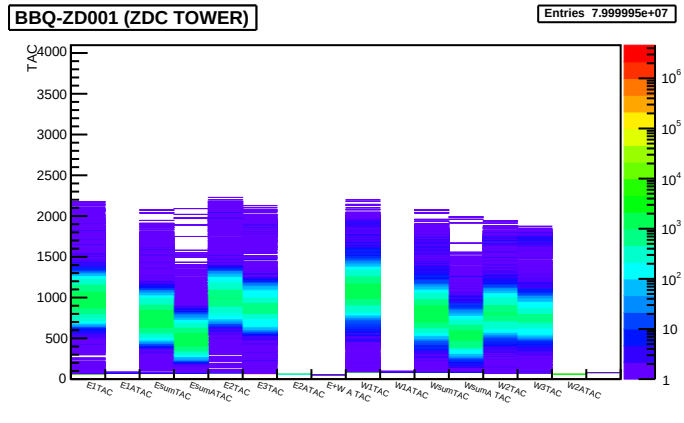

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.999995e+07
ADC
QT Input Channel

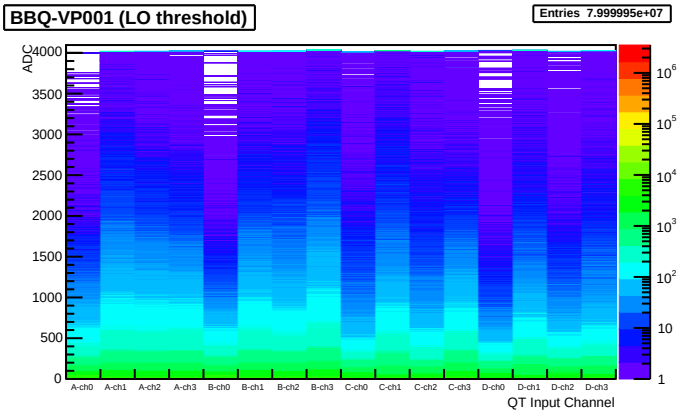

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.999995e+07
TAC
QT Input Channel

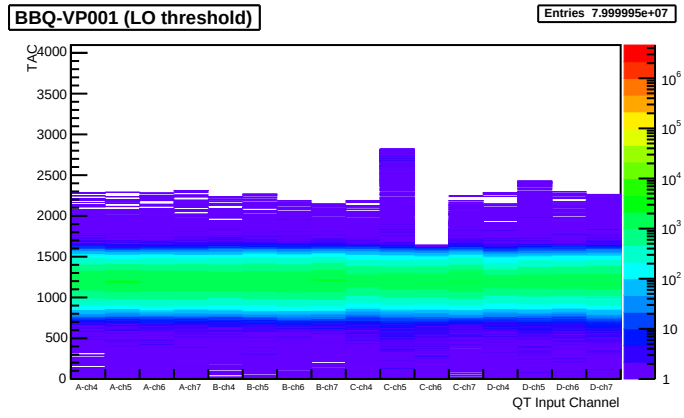

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999995e+07
ADC
QT Input Channel

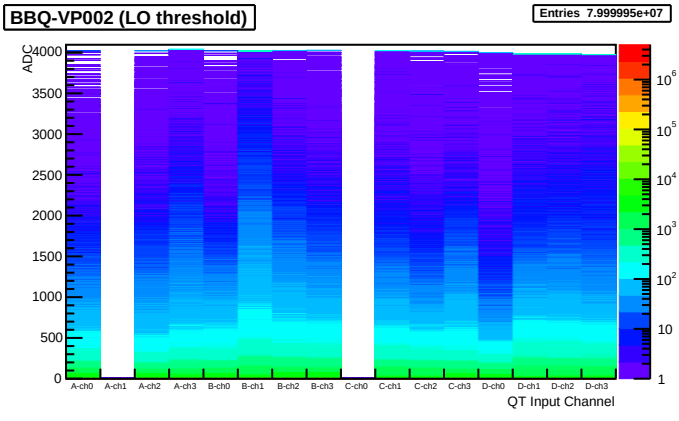

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999995e+07
TAC
QT Input Channel

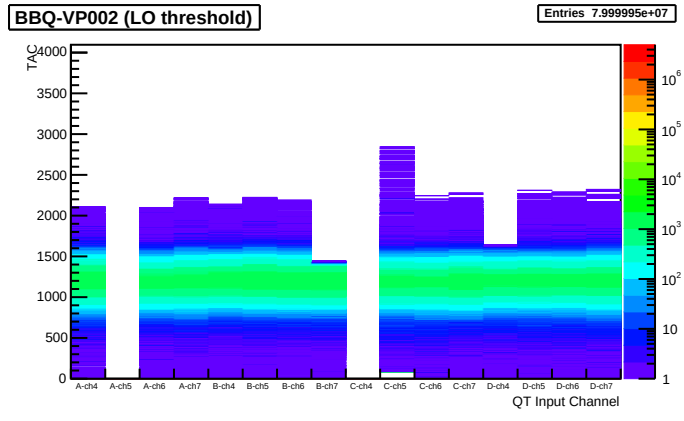

BBQ-ZD001 (ZDC TOWER)
Entries 7.999995e+07
ADC

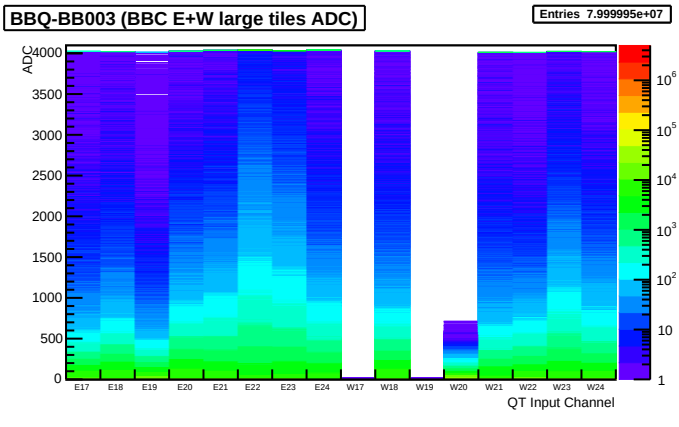

BBQ-ZD001 (ZDC TOWER)
Entries 7.999995e+07
TAC

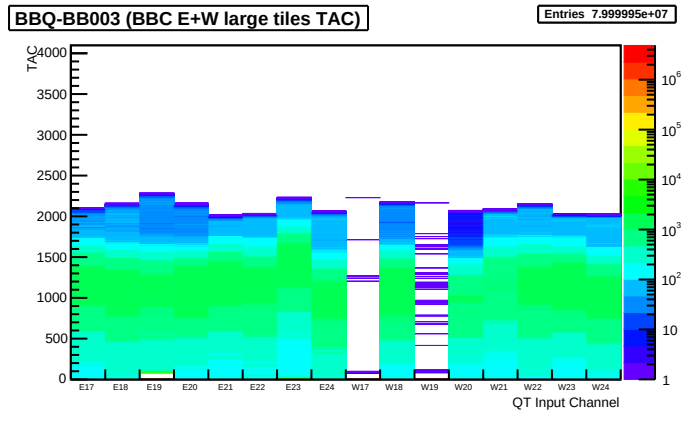

BBQ-VP001 (LO threshold)
Entries 7.999995e+07
ADC
QT Input Channel

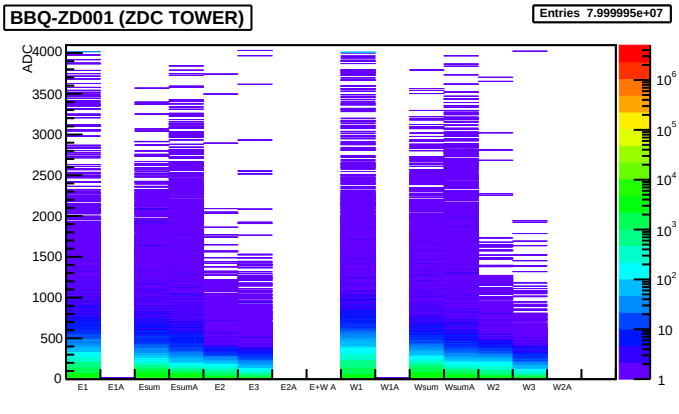

BBQ-VP001 (LO threshold)
Entries 7.999995e+07
TAC
QT Input Channel

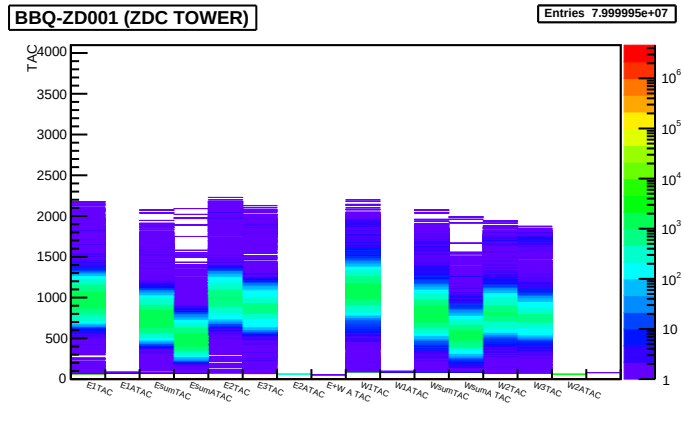

BBQ-VP002 (LO threshold)
Entries 7.999995e+07
ADC
QT Input Channel

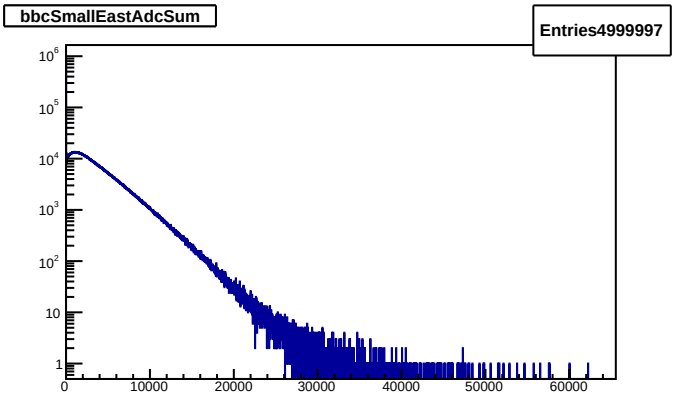

BBQ-VP002 (LO threshold)
Entries 7.999995e+07
TAC
QT Input Channel

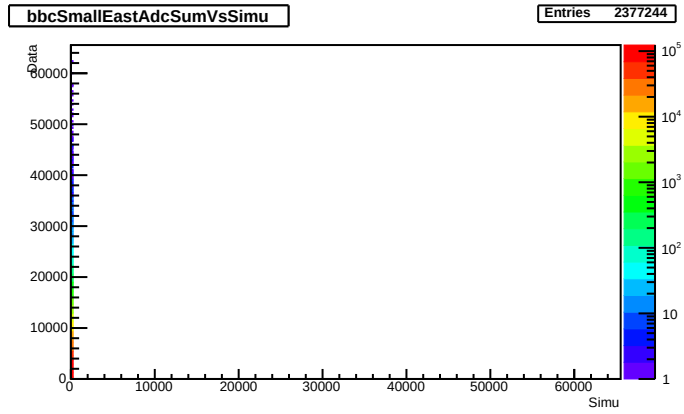

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999995e+07
ADC
QT Input Channel

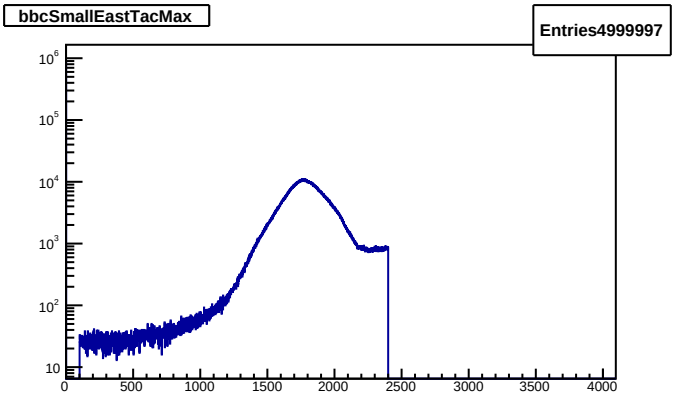

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999995e+07
TAC
QT Input Channel

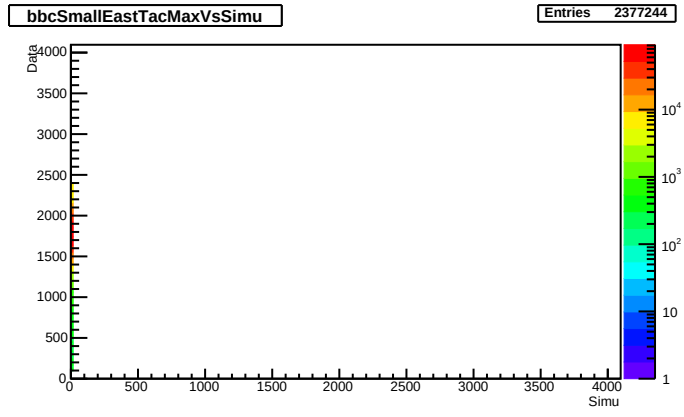

BBQ-ZD001 (ZDC TOWER)
Entries 7.999995e+07
ADC

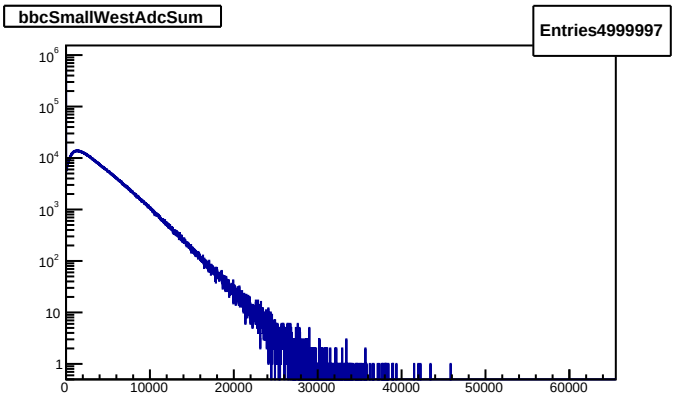

BBQ-ZD001 (ZDC TOWER)
Entries 7.999995e+07
TAC

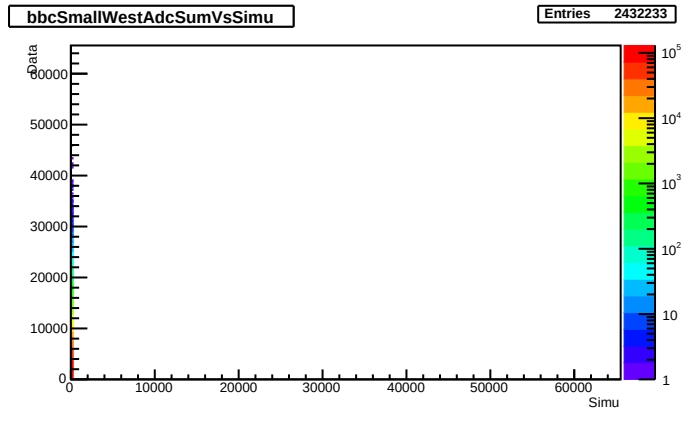

bbcSmallEastAdcSum
Entries4999997

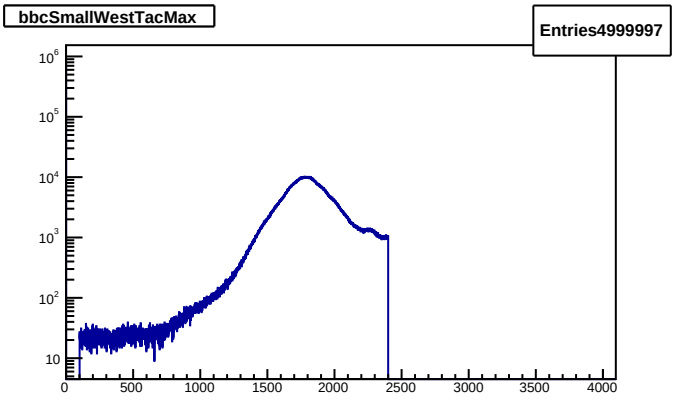

bbcSmallEastAdcSumVsSimu
Entries 2377244
Data
Simu

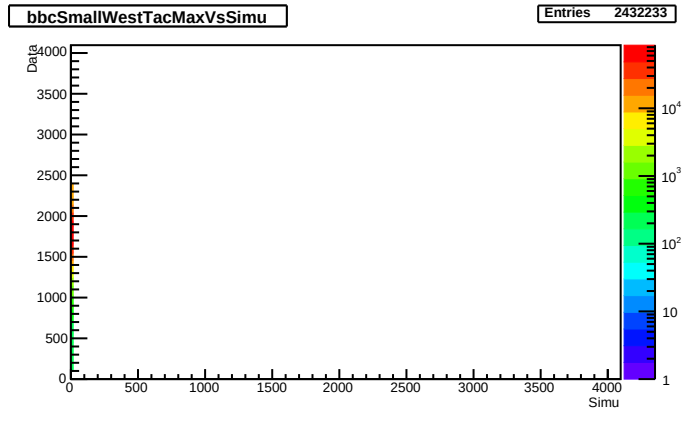

bbcSmallEastTacMax
Entries4999997

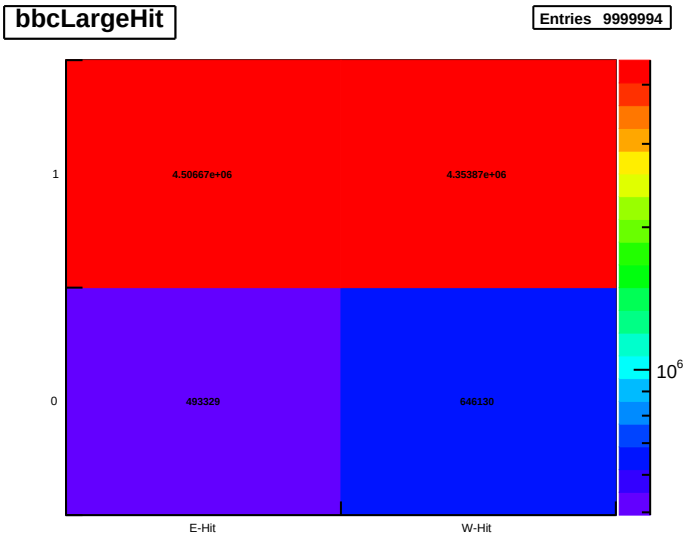

bbcSmallEastTacMaxVsSimu
Entries 2377244
Data
Simu

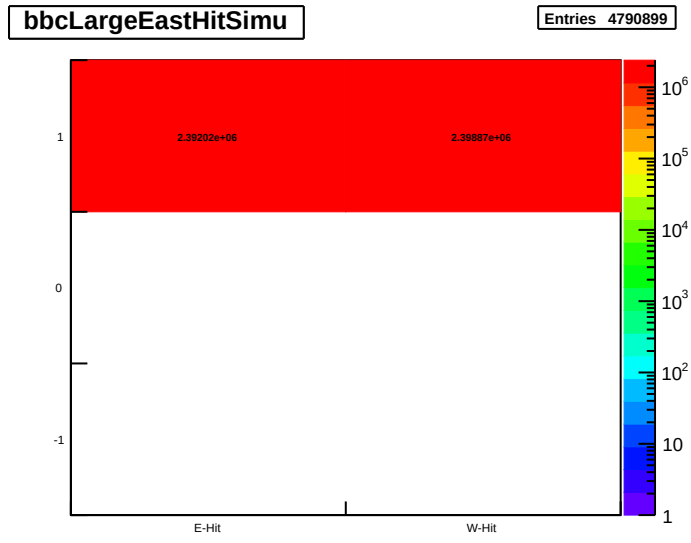

bbcSmallWestAdcSum
Entries4999997

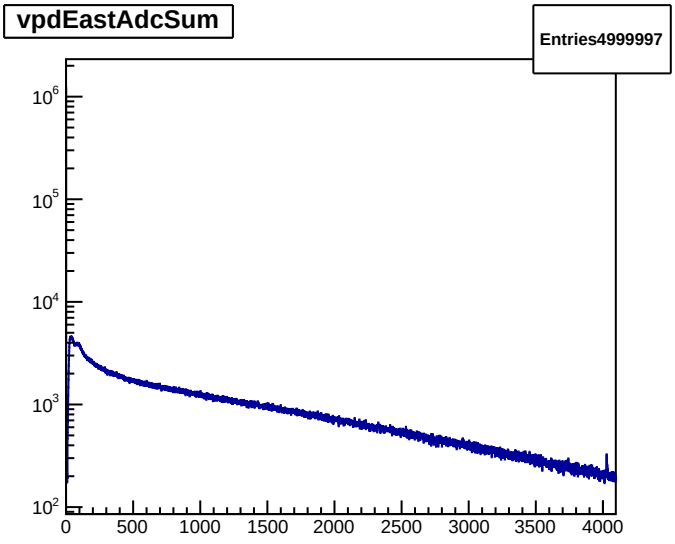

bbcSmallWestAdcSumVsSimu
Entries 2432233
Data
Simu

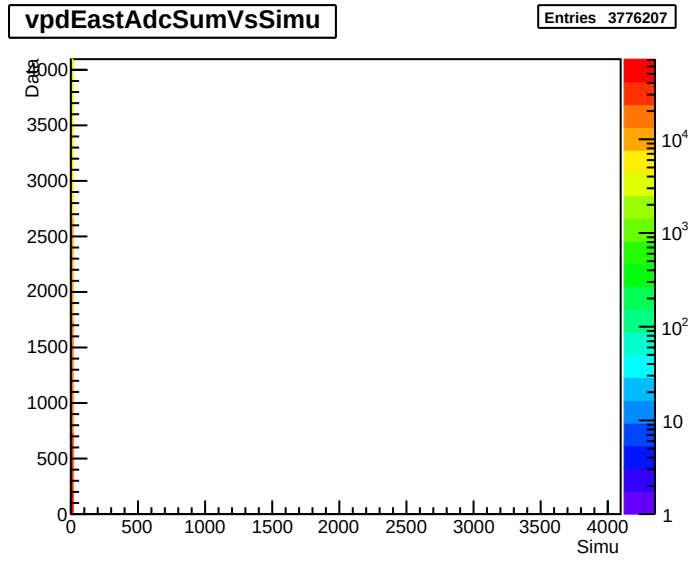

bbcSmallWestTacMax
Entries4999997

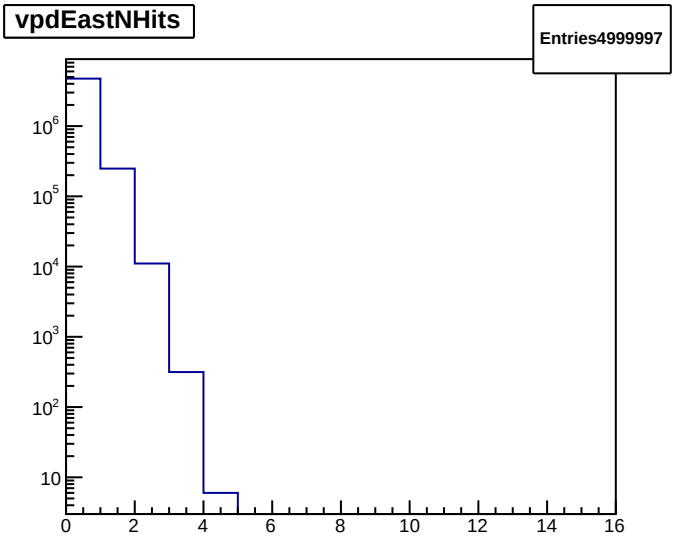

bbcSmallWestTacMaxVsSimu
Entries 2432233
Data
Simu

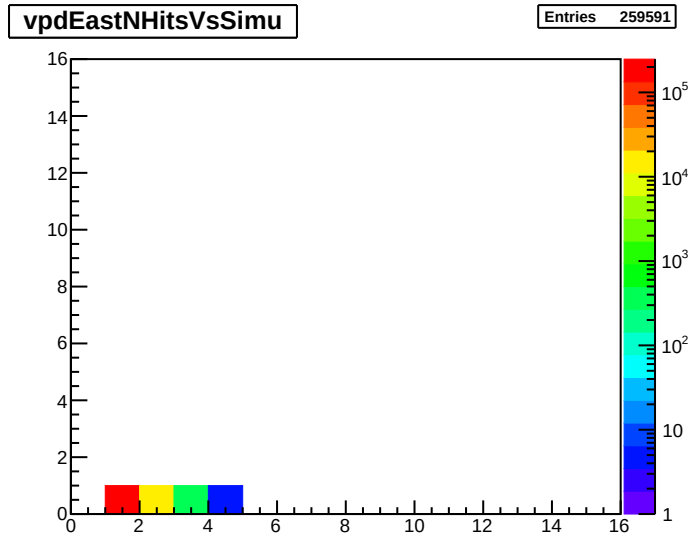

bbcLargeHit
Entries 9999994
4.50667e+06
4.35387e+06
493329
646130
1
0
E-Hit
W-Hit
10^6

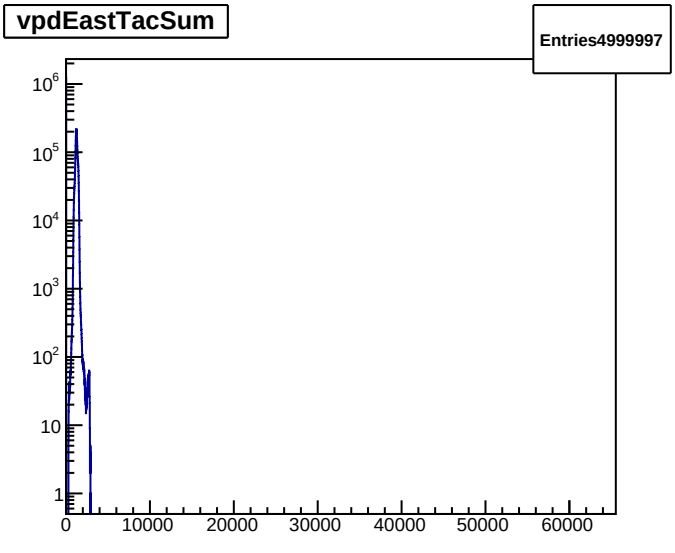

bbcLargeEastHitSimu
Entries 4790899
2.39202e+06
2.39887e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

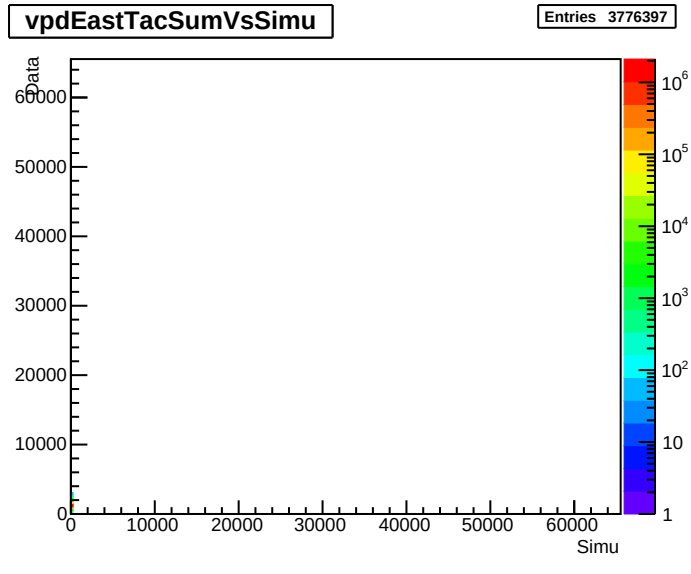

vpdEastAdcSum
Entries4999997

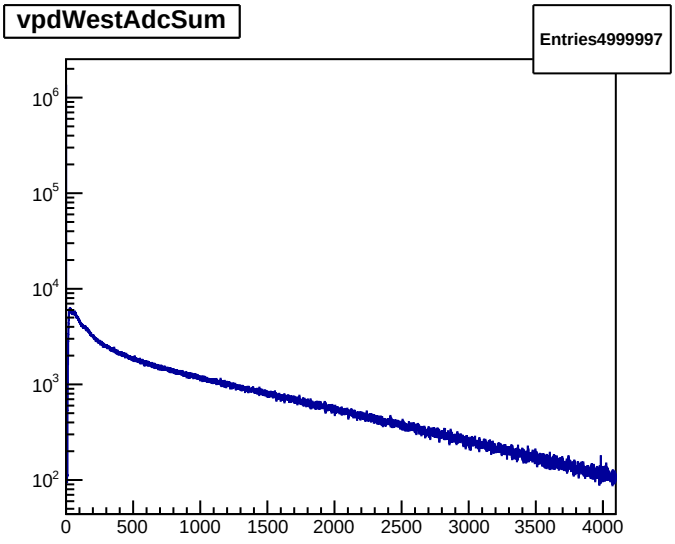

vpdEastAdcSumVsSimu
Entries 3776207
Data
Simu

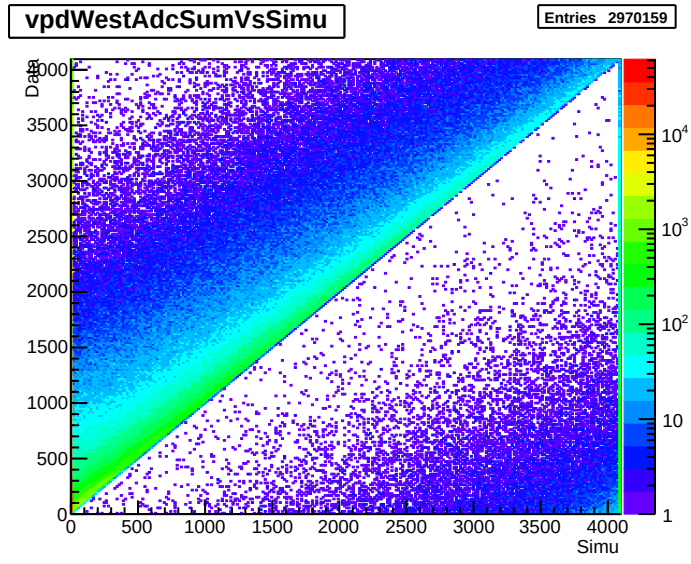

vpdEastNHits
Entries4999997

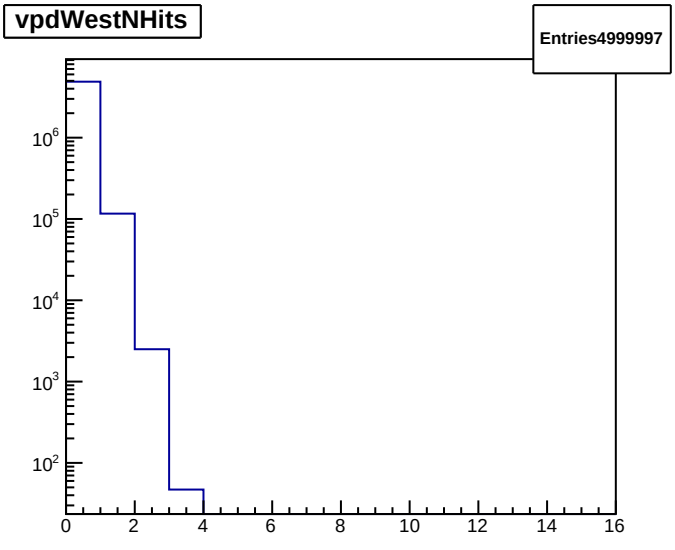

vpdEastNHitsVsSimu
Entries 259591

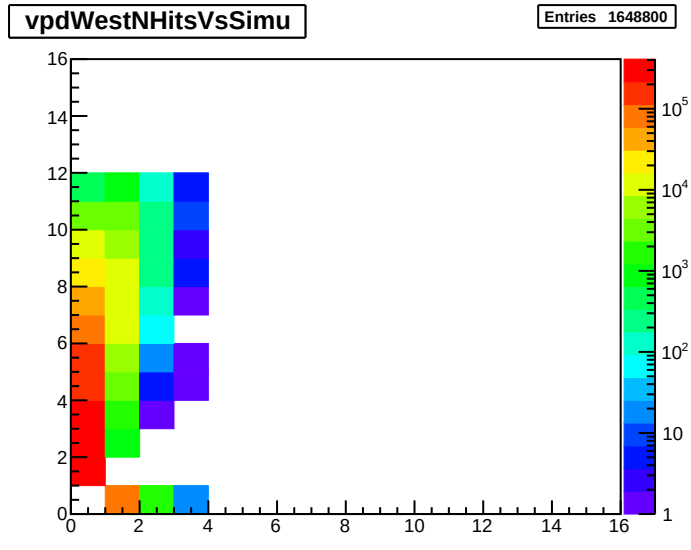

vpdEastTacSum
Entries4999997

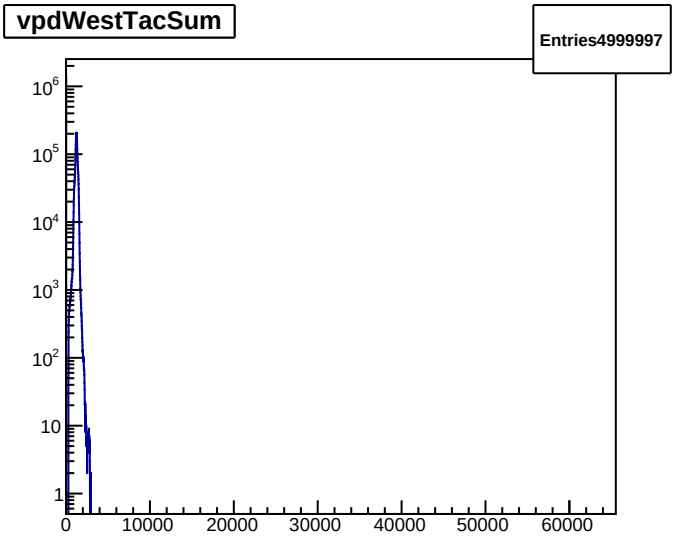

vpdEastTacSumVsSimu
Entries 3776397
Data
Simu

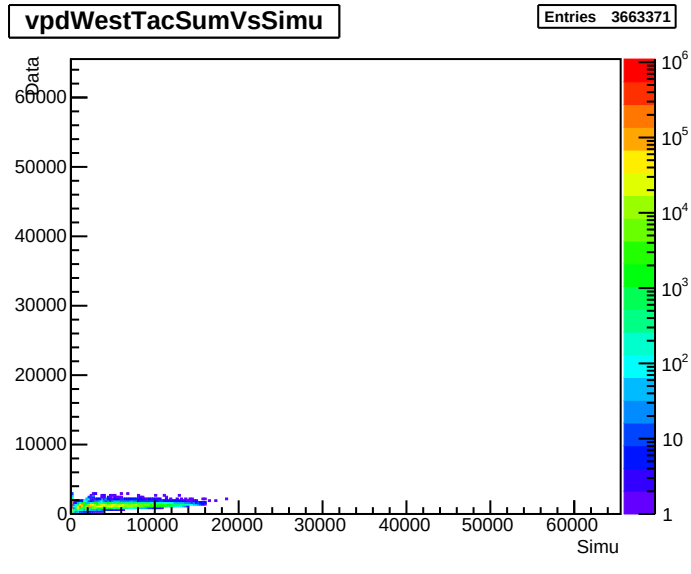

vpdWestAdcSum
Entries4999997

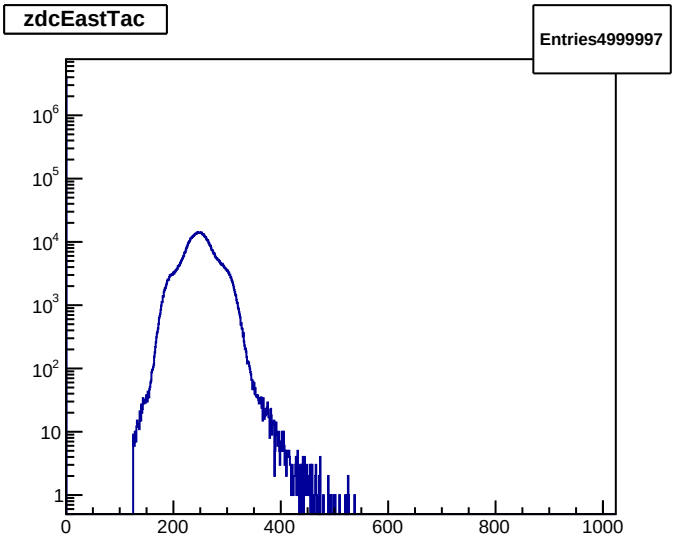

vpdWestAdcSumVsSimu
Entries 2970159
Data
Simu

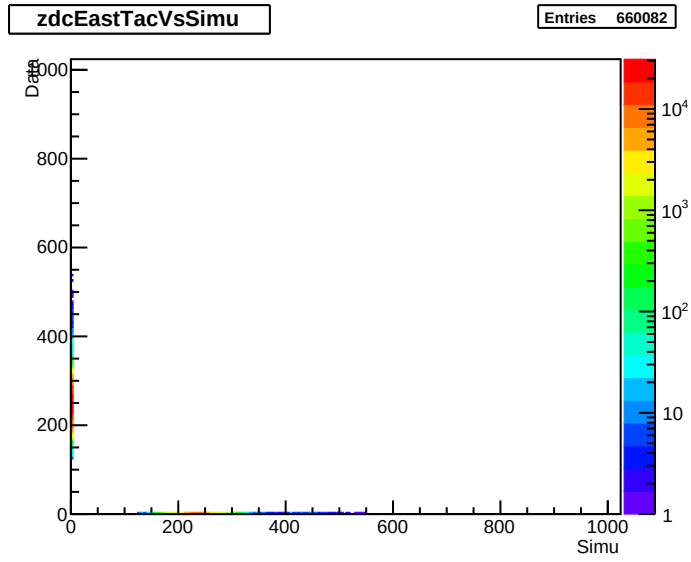

vpdWestNHits
Entries4999997

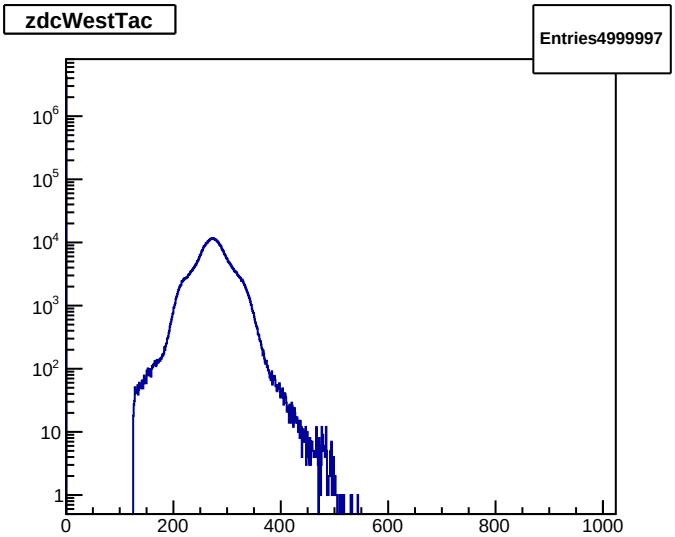

vpdWestNHitsVsSimu
Entries 1648800

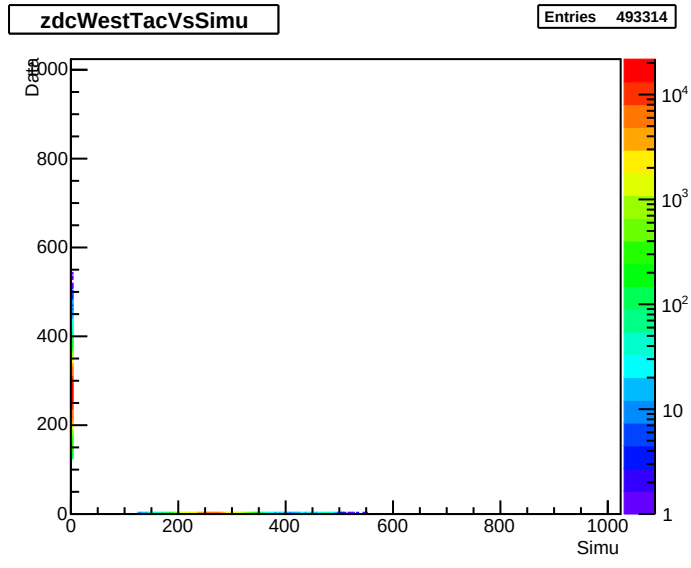

vpdWestTacSum
Entries4999997

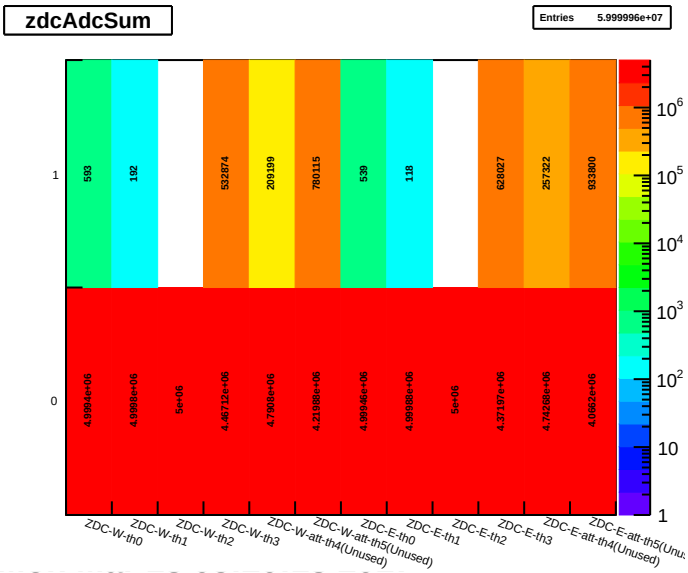

vpdWestTacSumVsSimu
Entries 3663371
Data
Simu

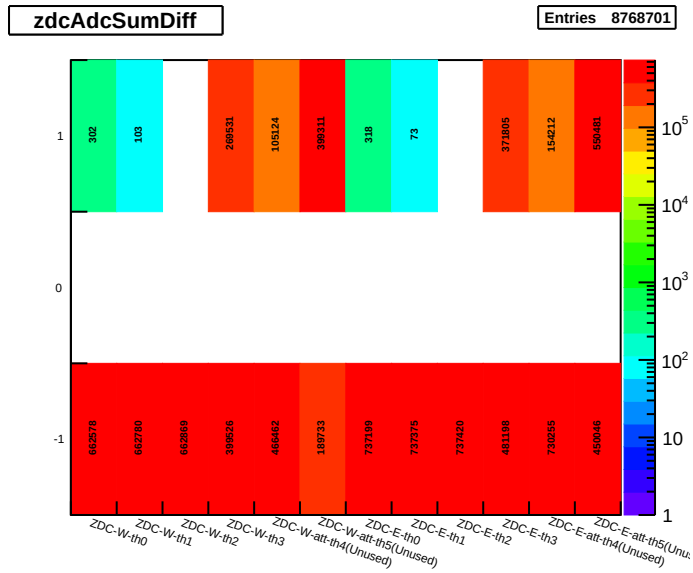

zdcEastTac
Entries4999997

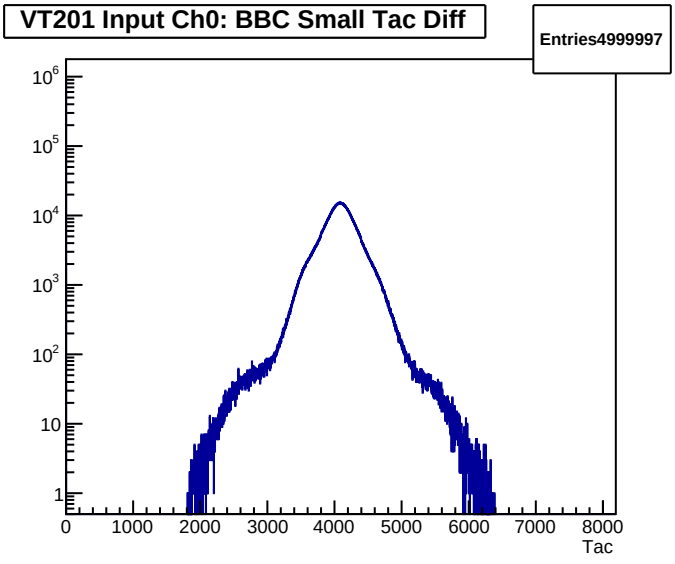

zdcEastTacVsSimu
Entries 660082
Data
Simu

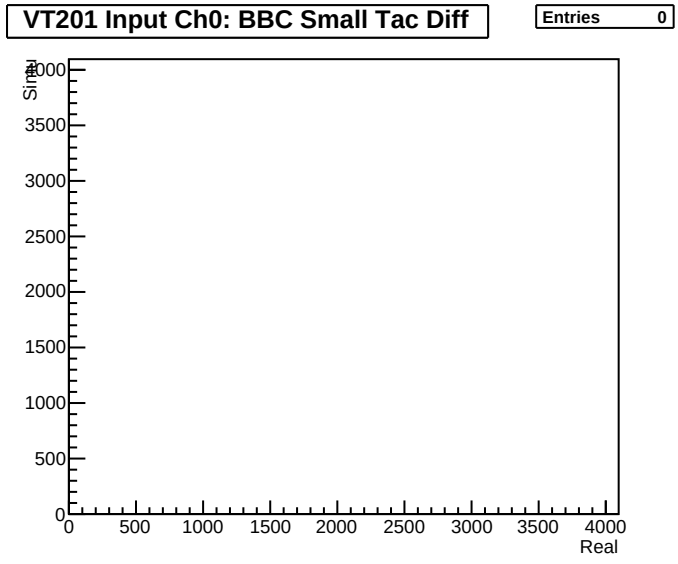

zdcWestTac
Entries4999997

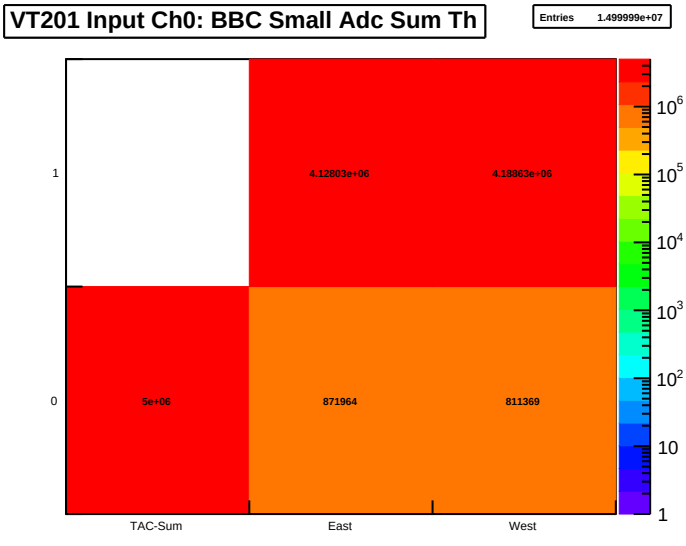

zdcWestTacVsSimu
Entries 493314
Data
Simu

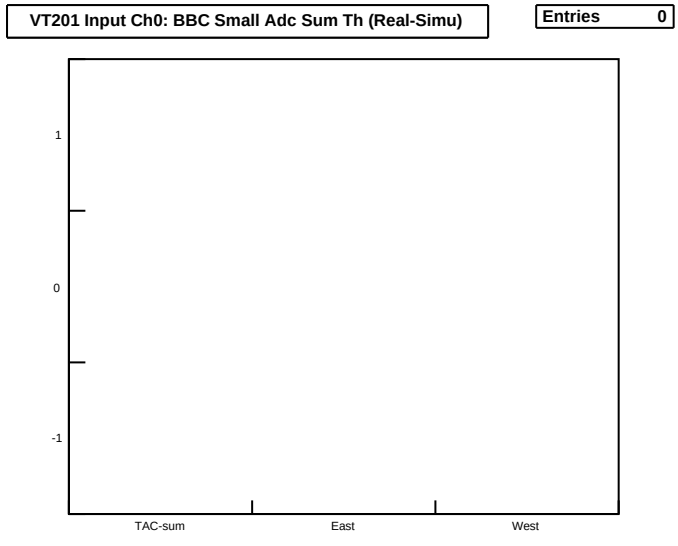

zdcAdcSum
Entries 5.999996e+07
593
192
532874
209199
780115
539
118
628027
257322
933800
4.9994e+06
4.9998e+06
5e+06
4.4672e+06
4.7808e+06
4.2198e+06
4.9946e+06
4.9998e+06
5e+06
4.3719e+06
4.7428e+06
4.0662e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

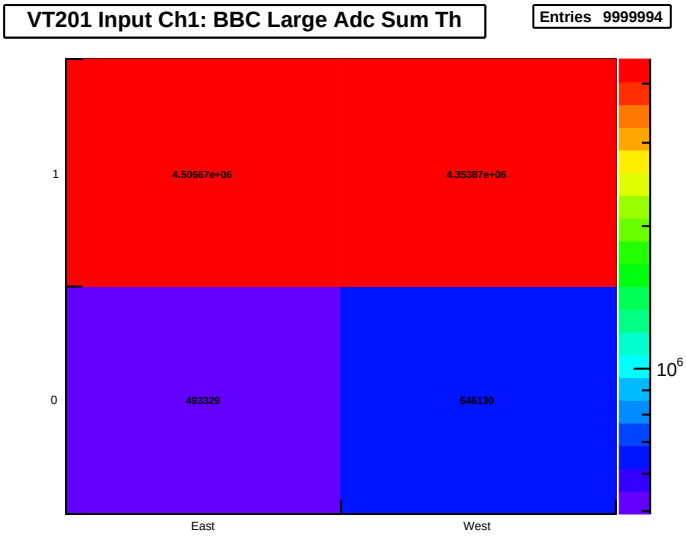

zdcAdcSumDiff
Entries 8768701
302
103
269531
105124
309311
318
73
371805
154212
550481
662578
662780
662869
399526
466462
189733
737199
737375
737420
481198
730255
450046
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

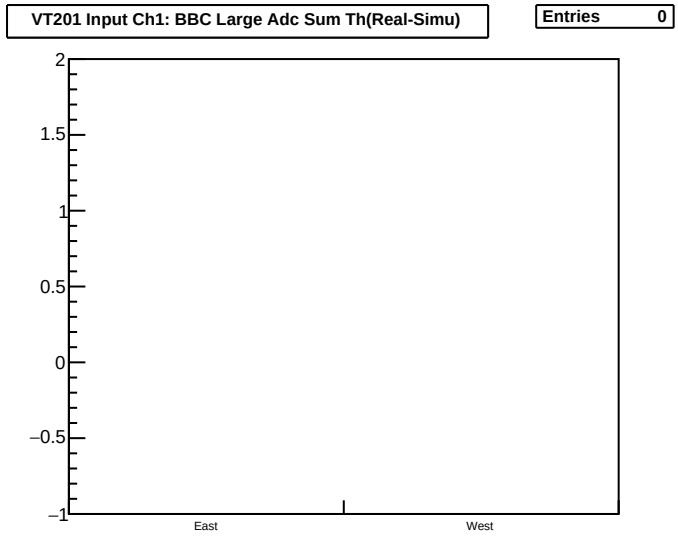

VT201 Input Ch0: BBC Small Tac Diff
Entries4999997
Tac


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

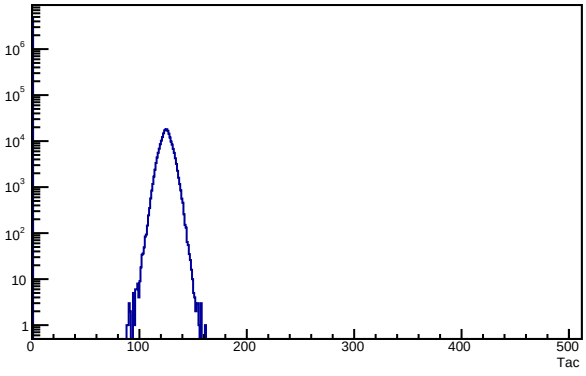

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.499999e+07
4.12803e+06
4.18863e+06
5e+06
871964
811369
TAC-Sum
East
West


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

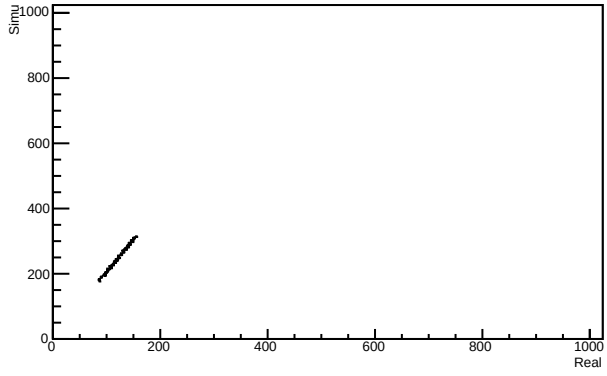

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9999994
4.50667e+06
4.35387e+06
493329
646130
East
West


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

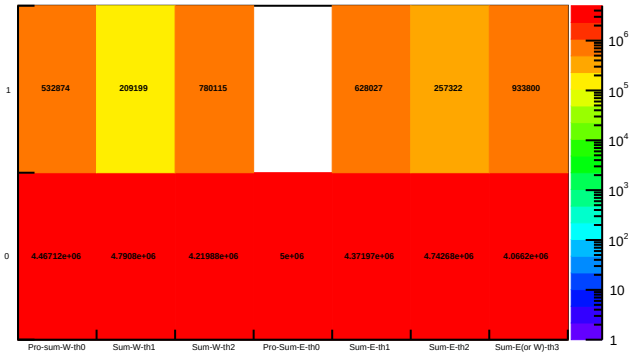
VT201 Input Ch2: ZDC Tac Diff



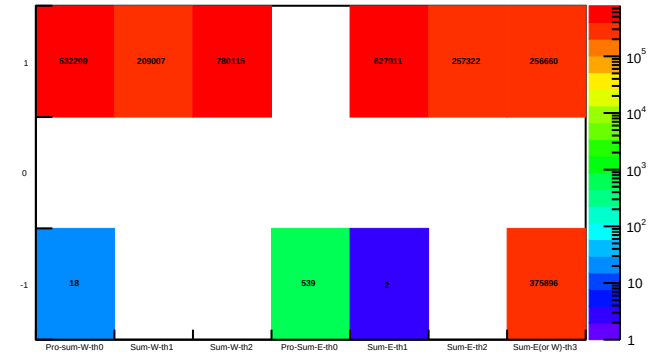
VT201 Input Ch2: ZDC Tac Diff



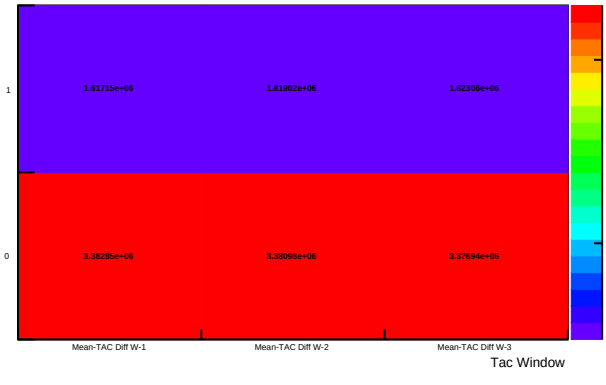
VT201 Input Ch2: ZDC Adc Sum Th



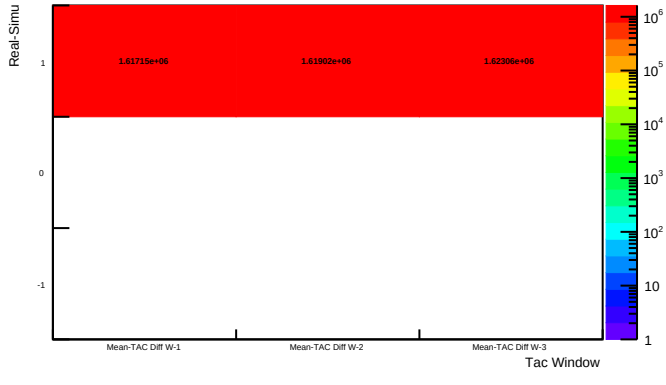
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



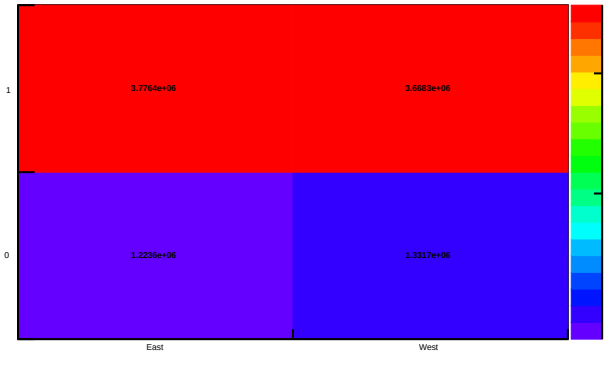
VT201 Input Ch4: VPD Tac Diff



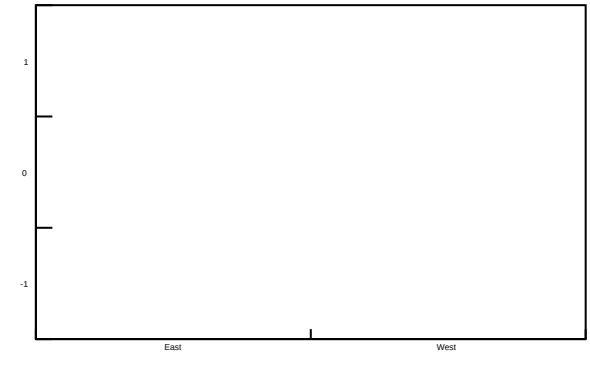
VT201 Input Ch4: VPD Tac Diff

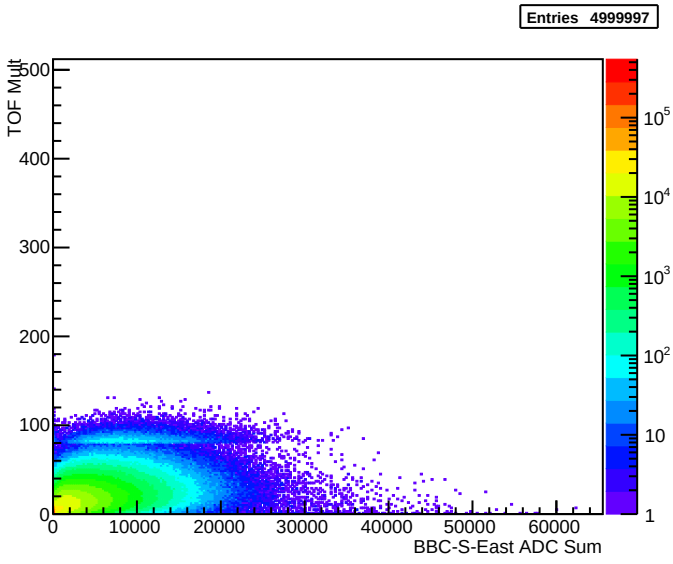


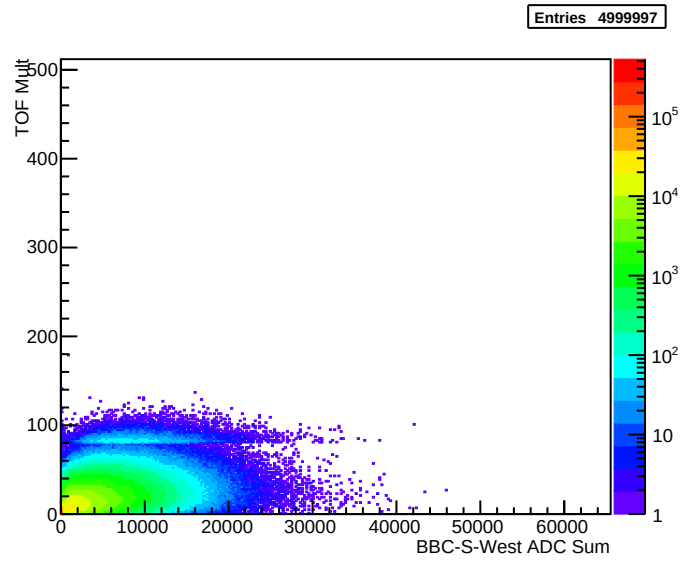
VT201 Input Ch4: VPD Adc Sum Th

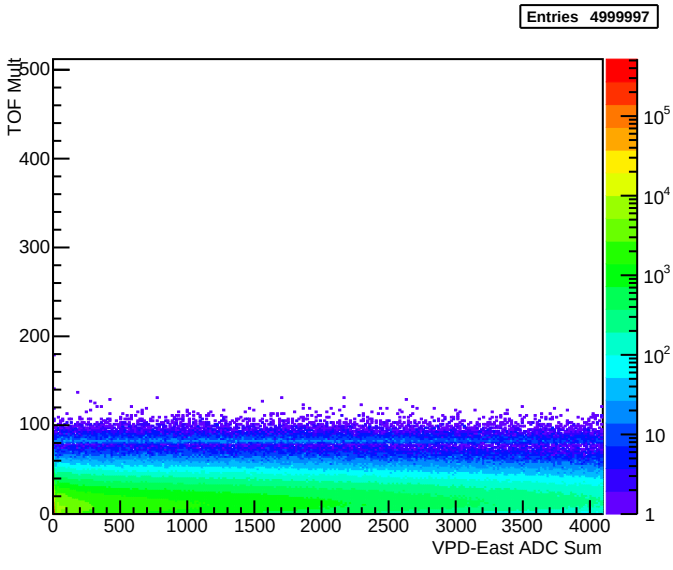


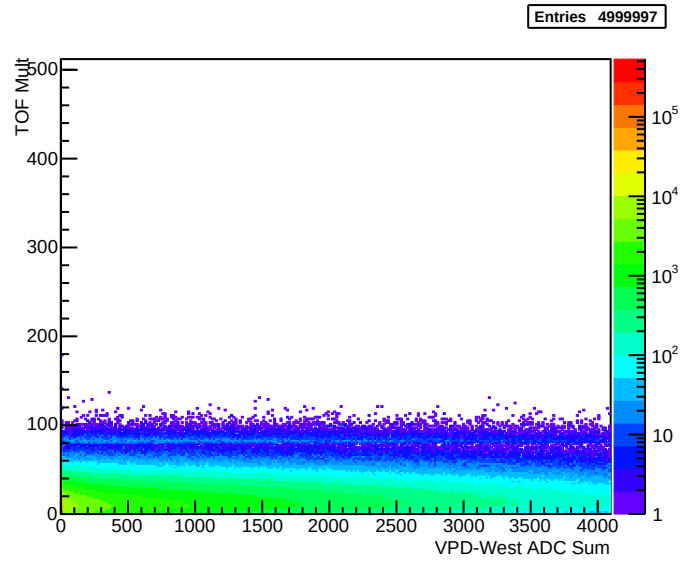
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

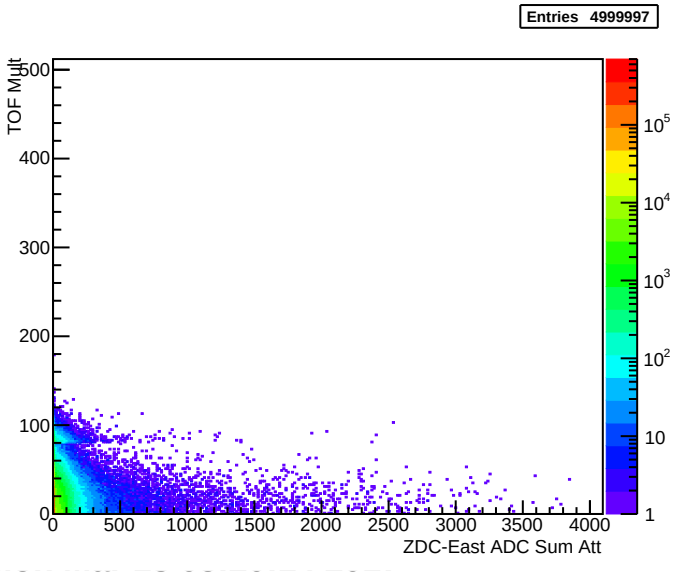


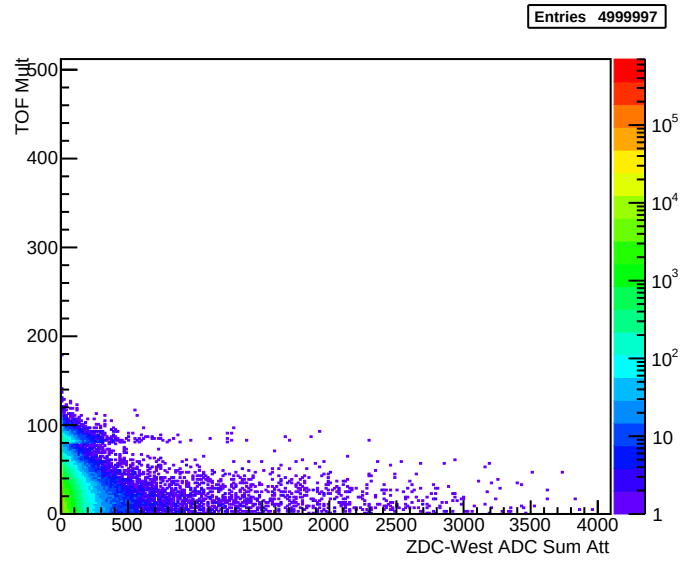

Entries 4999997
TOF Mult
BBC-S-East ADC Sum

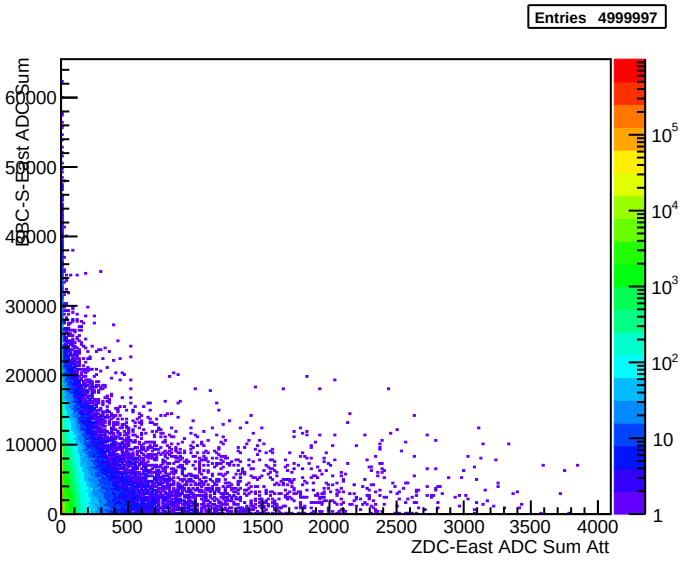

Entries 4999997
TOF Mult
BBC-S-West ADC Sum

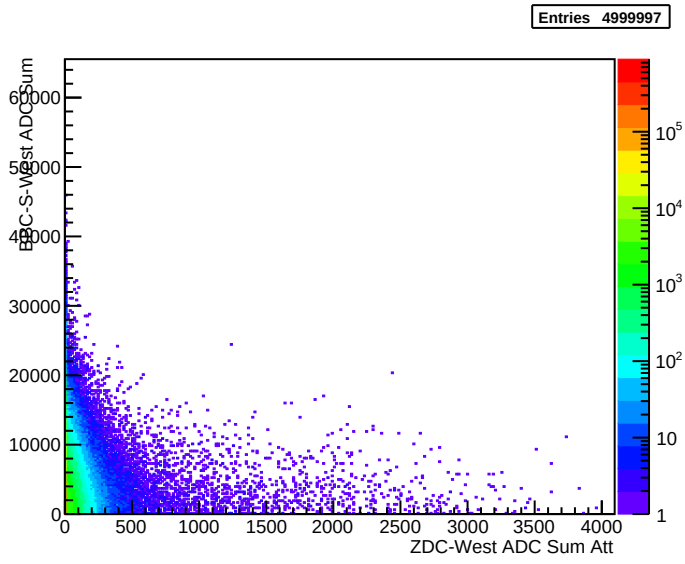

Entries 4999997
TOF Mult
VPD-East ADC Sum

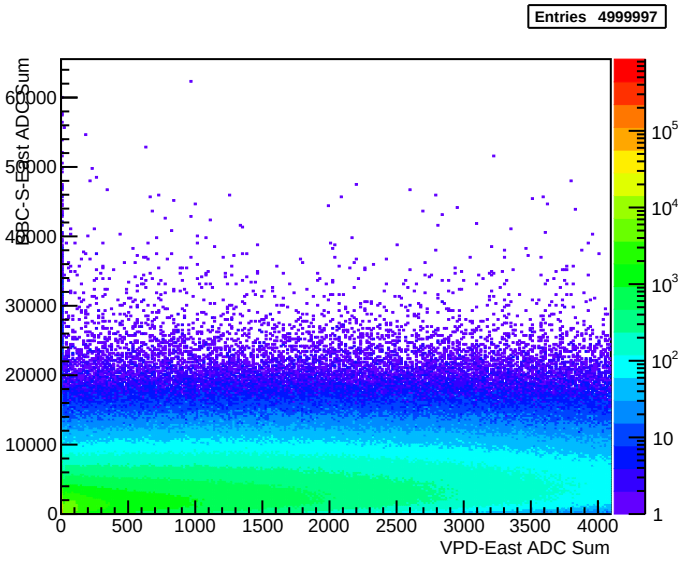

Entries 4999997
TOF Mult
VPD-West ADC Sum

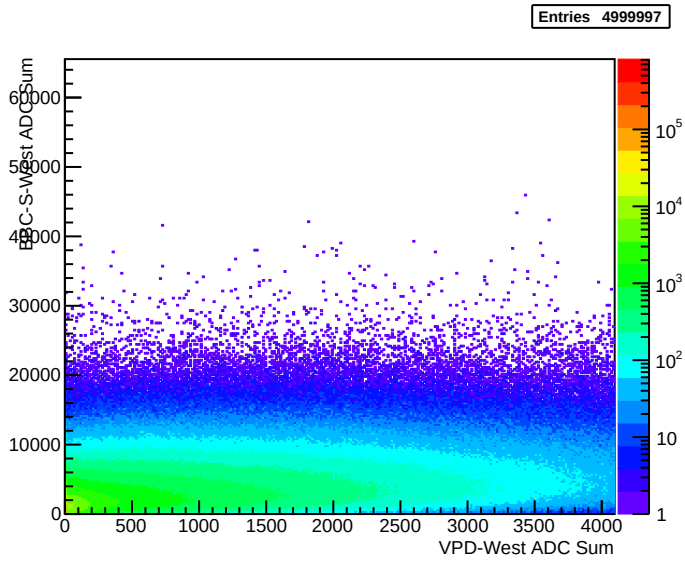

Entries 4999997
TOF Mult
ZDC-East ADC Sum Att

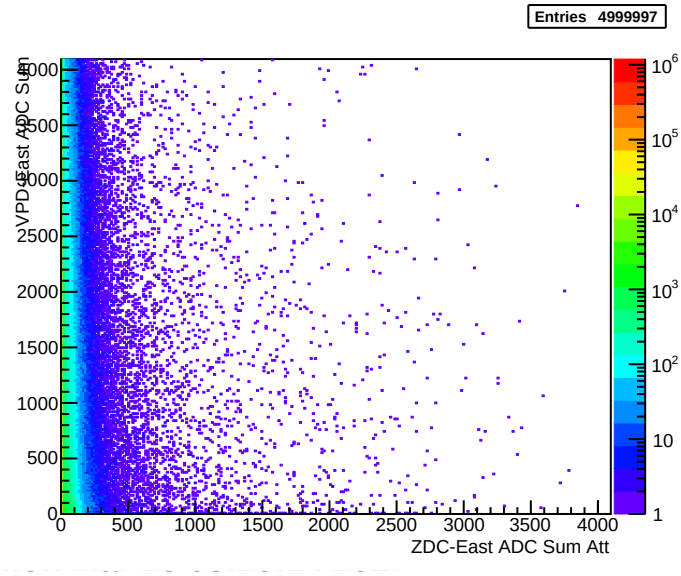

Entries 4999997
TOF Mult
ZDC-West ADC Sum Att

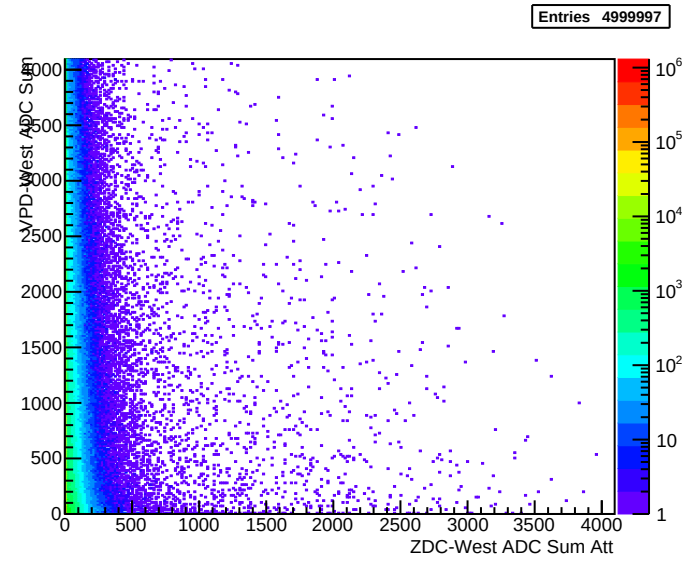

Entries 4999997
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

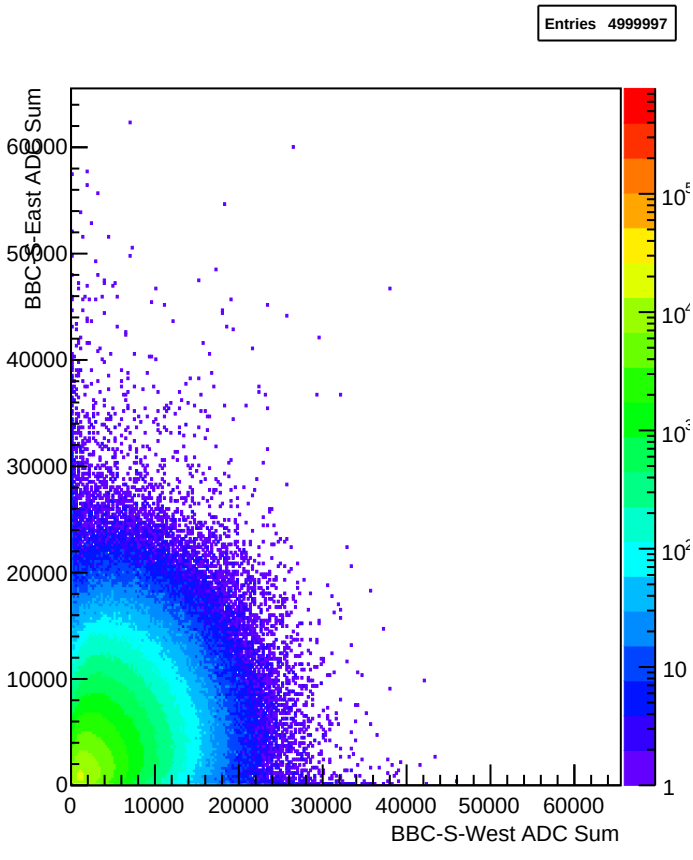

Entries 4999997
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

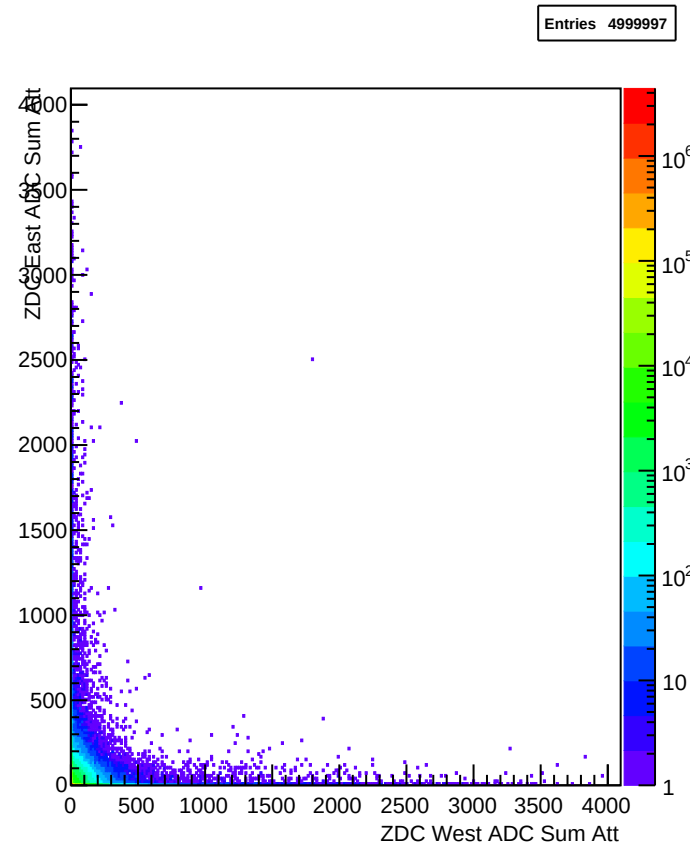

Entries 4999997
BBC-S-East ADC Sum
VPD-East ADC Sum

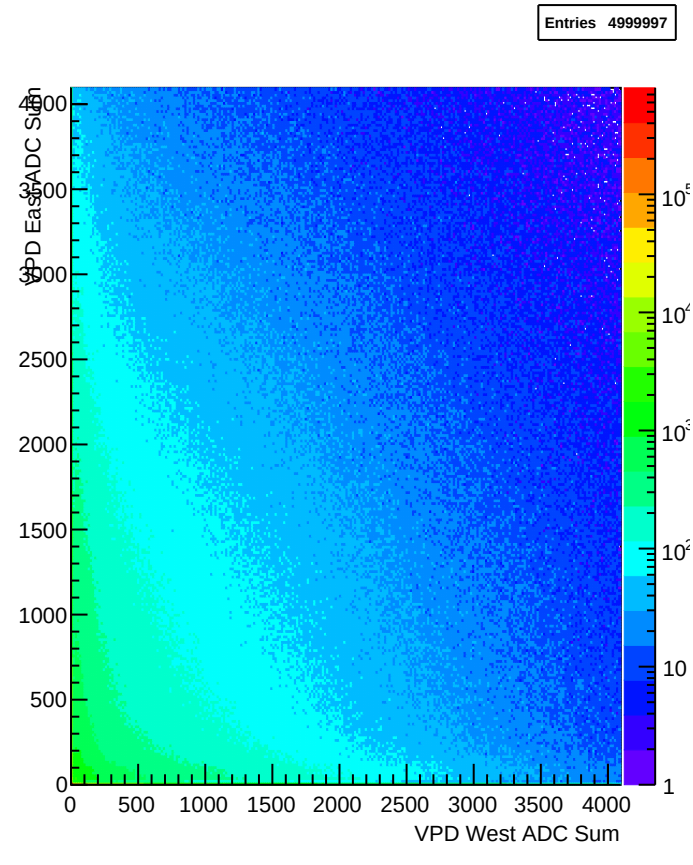

Entries 4999997
BBC-S-West ADC Sum
VPD-West ADC Sum

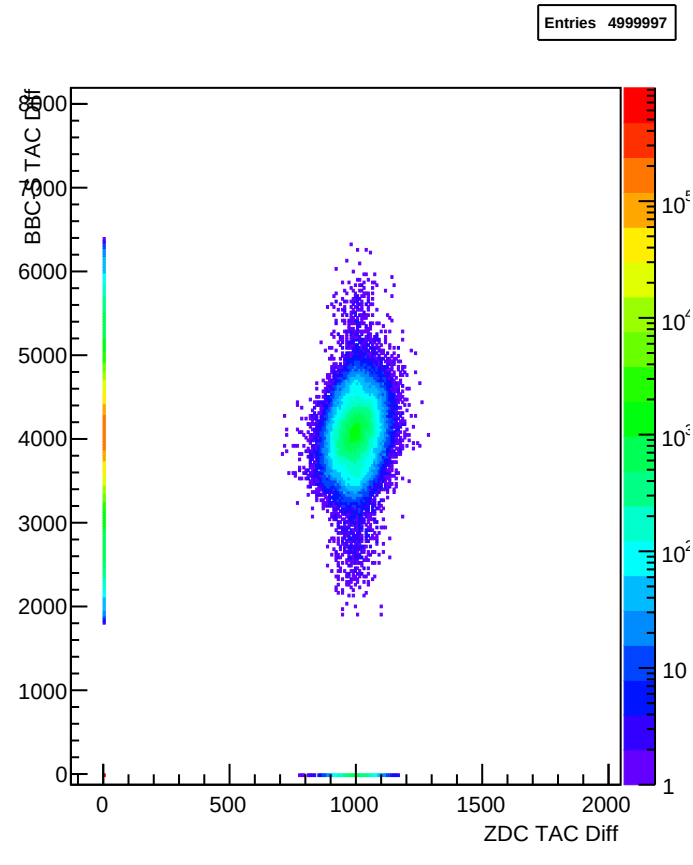

Entries 4999997
VPD-East ADC Sum
ZDC-East ADC Sum Att

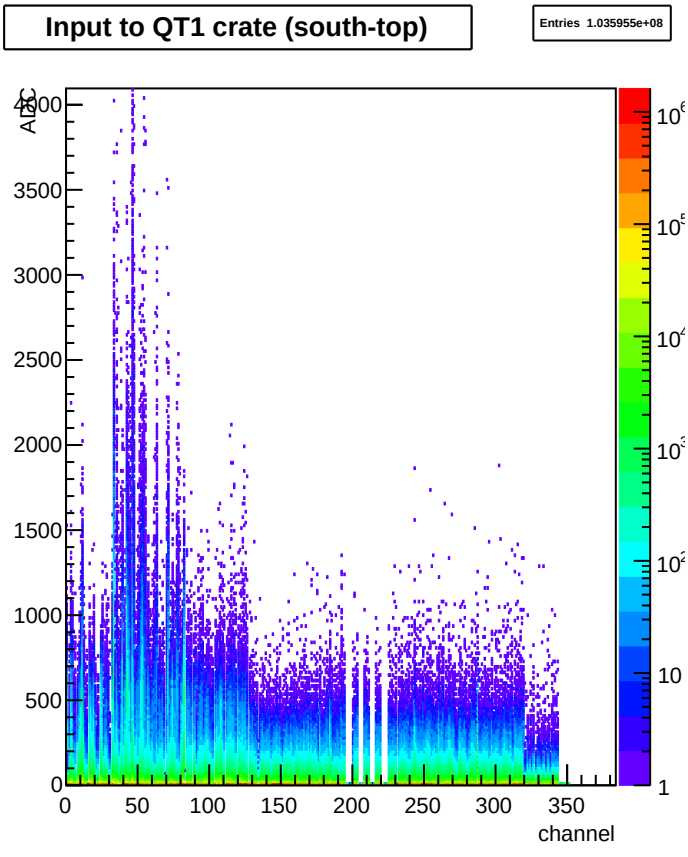

Entries 4999997
VPD-West ADC Sum
ZDC-West ADC Sum Att

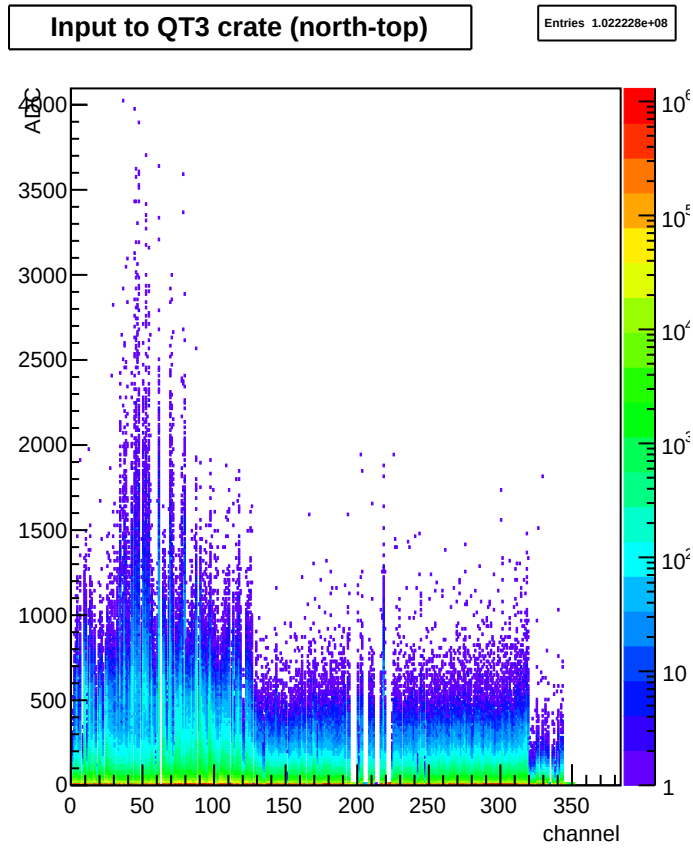

Entries 4999997
BBC-S-East ADC Sum
BBC-S-West ADC Sum

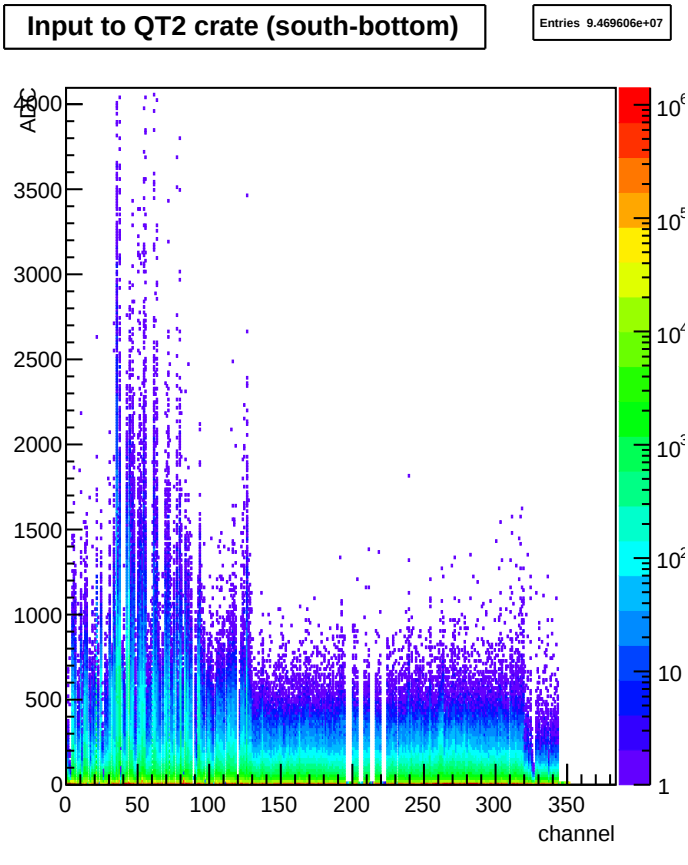

Entries 4999997
ZDC East ADC Sum Att
ZDC West ADC Sum Att

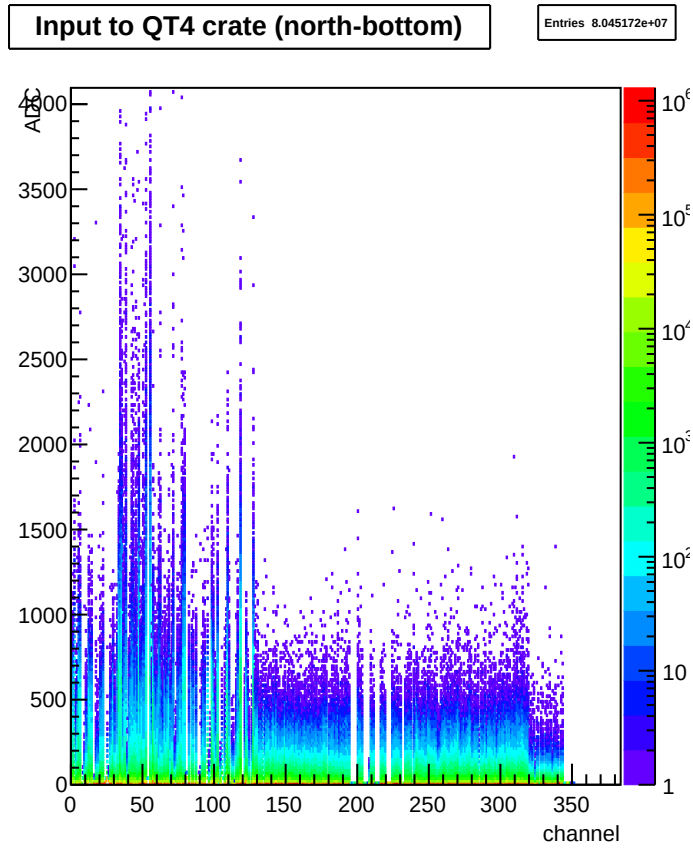

Entries 4999997
VPD East ADC Sum
VPD West ADC Sum


Entries 4999997
BBC-S TAC Diff
ZDC TAC Diff


Input to QT1 crate (south-top)
Entries 1.035955e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.022228e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 9.469606e+07
ADC
channel


Input to QT4 crate (north-bottom)
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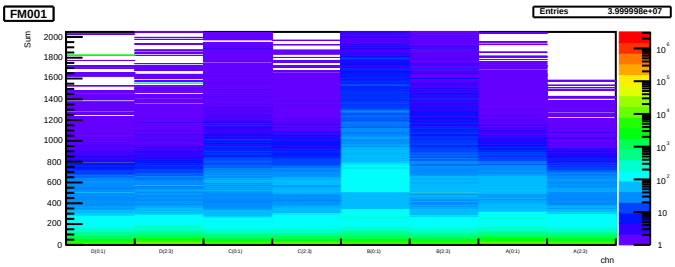
ADC
channel


FM001
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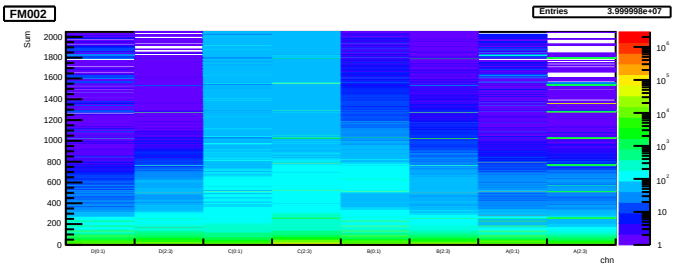
FM002
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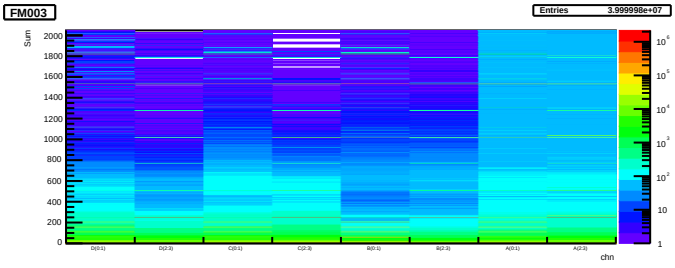
FM003
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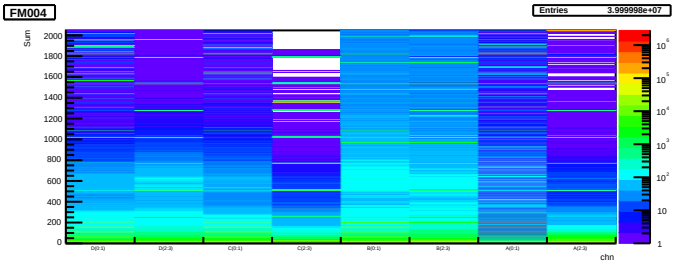
FM004
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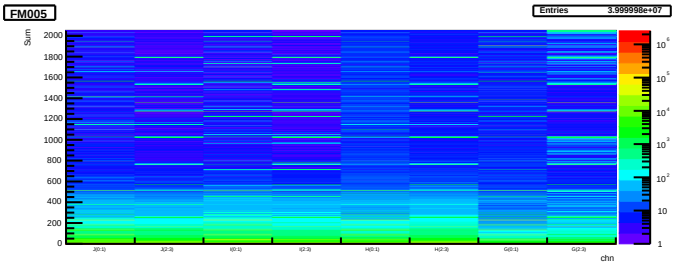
FM005
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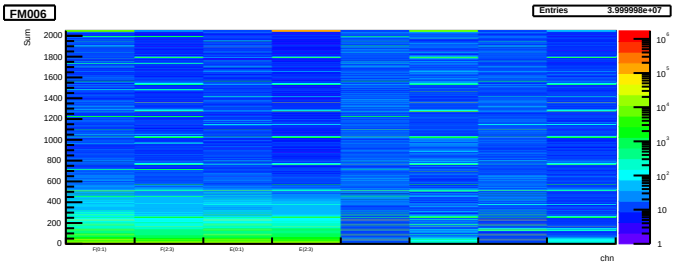
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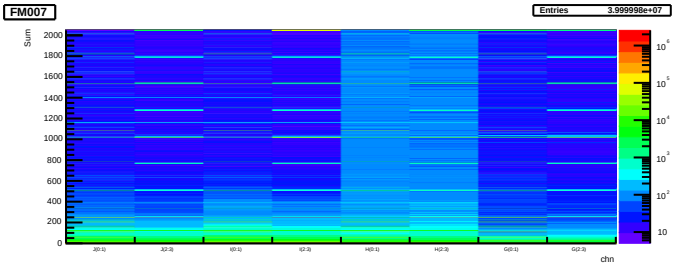
FM007
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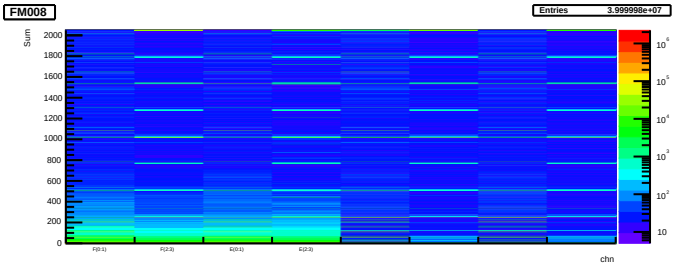
FM008
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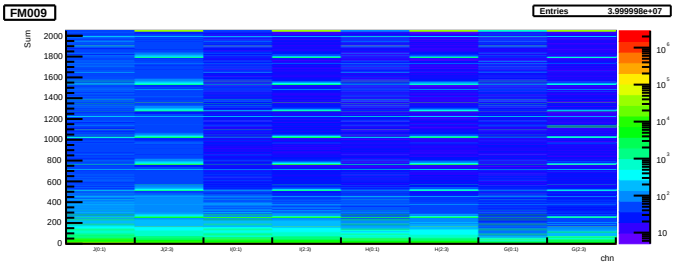
FM009
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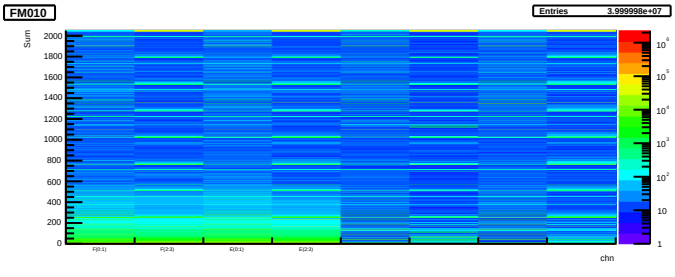
FM010
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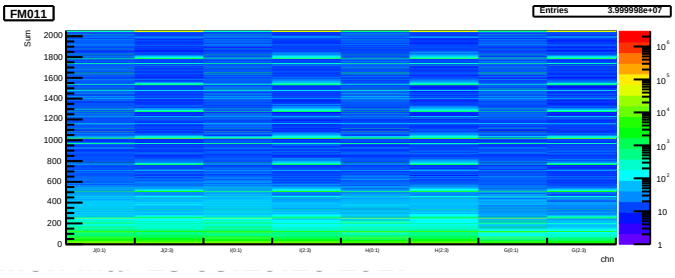
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Entries 3.999998e+07
Sum
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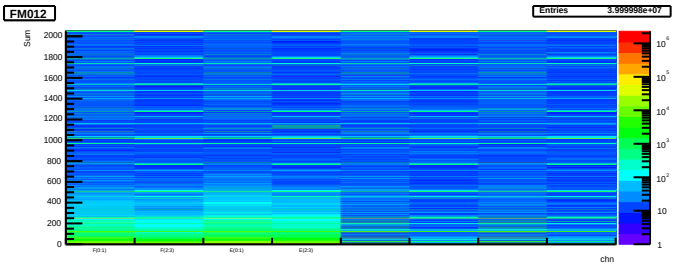
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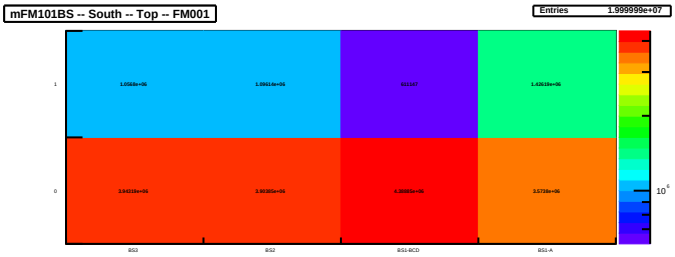
Entries 3.999998e+07
Sum
chn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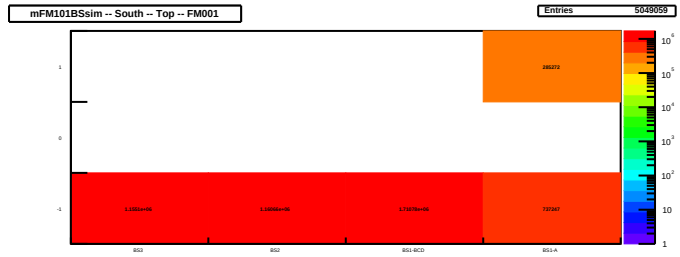
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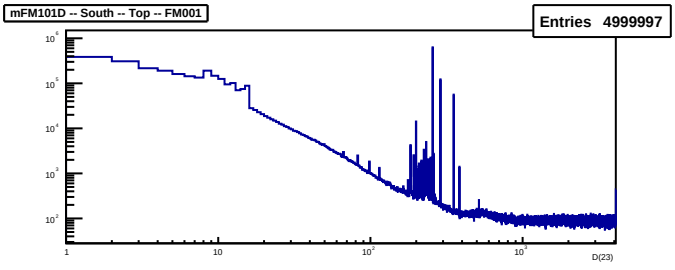
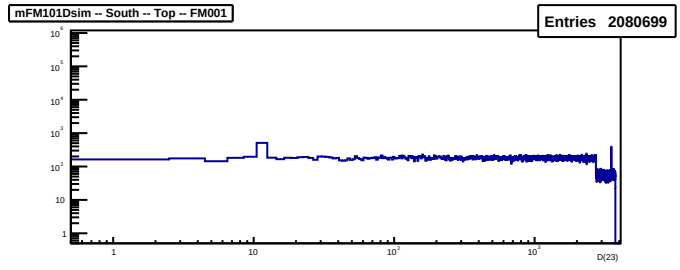

mFM101D -- South -- Top -- FM001
Entries 4999997
D(23)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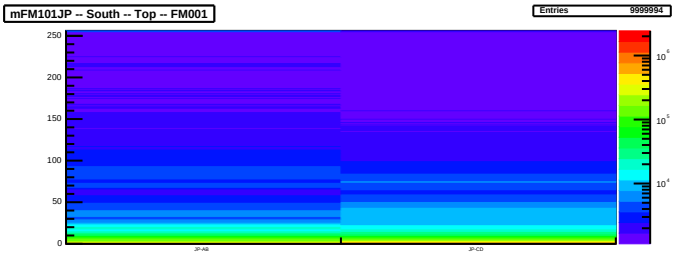
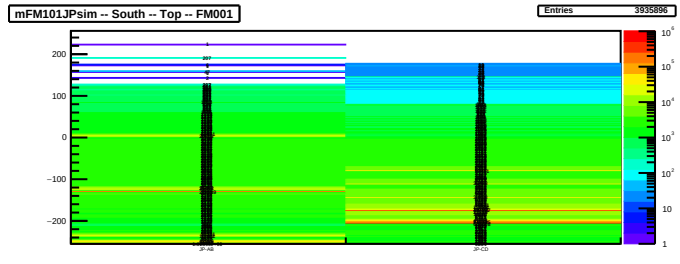
D(23)


mFM101JP -- South -- Top -- FM001
Entries 9999994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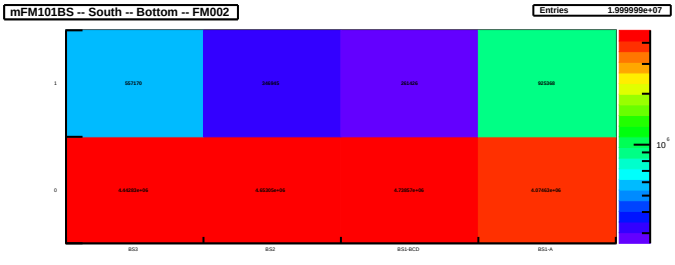
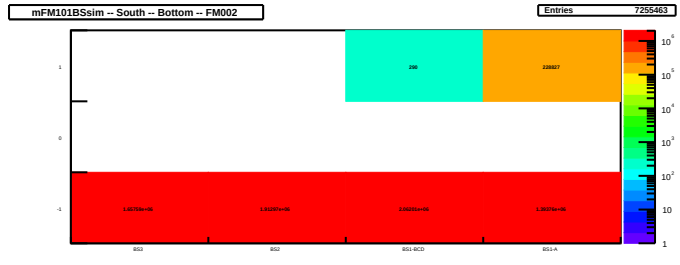

mFM101BS -- South -- Bottom -- FM002
Entries 1.999999e+07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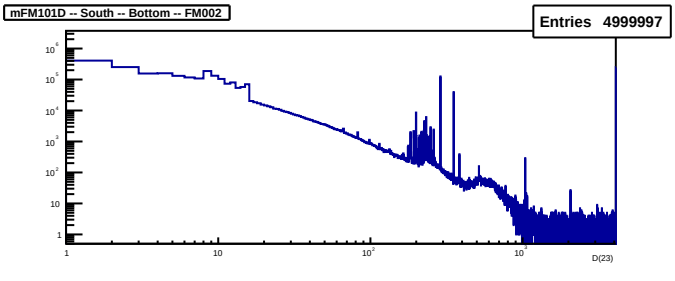
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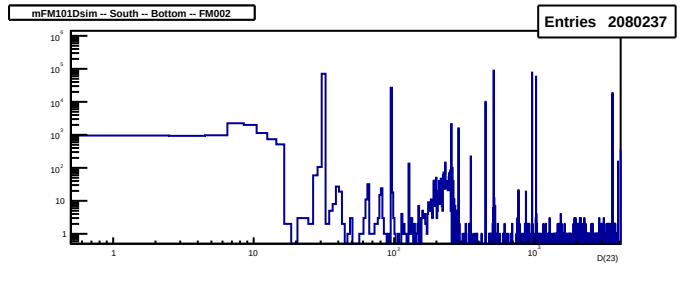
Entries 4999997
D(23)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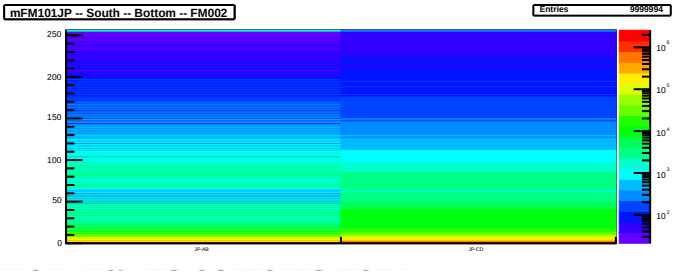
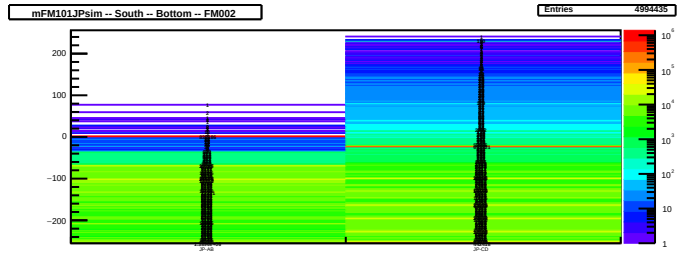
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 9999994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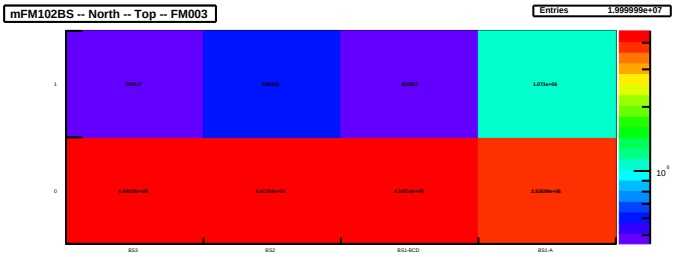
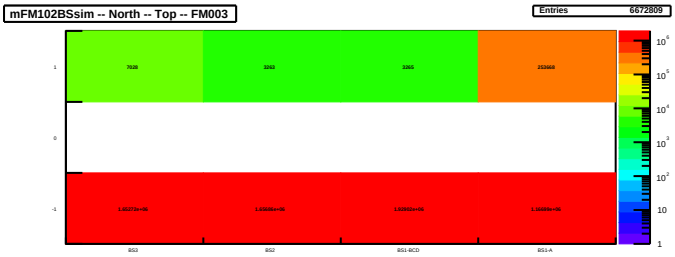

mFM102BS -- North -- Top -- FM003
Entries 1.999999e+07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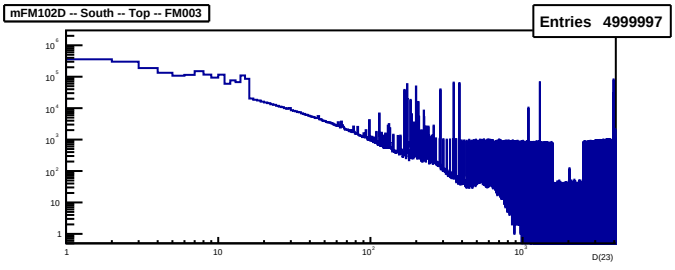
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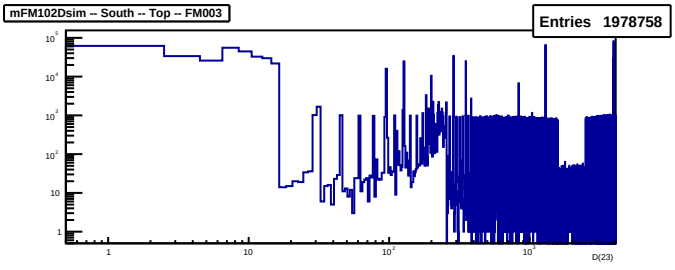
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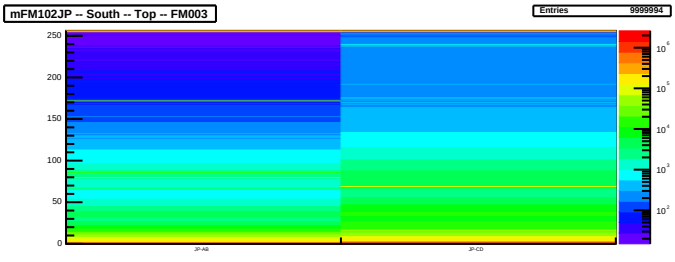
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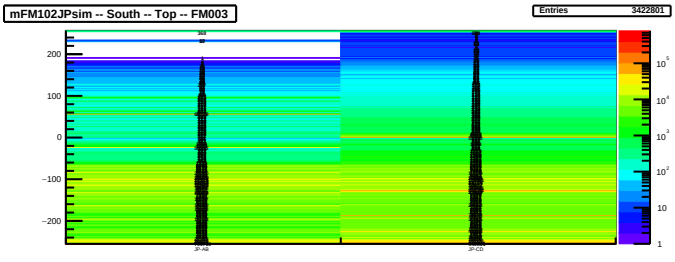
Entries 9999994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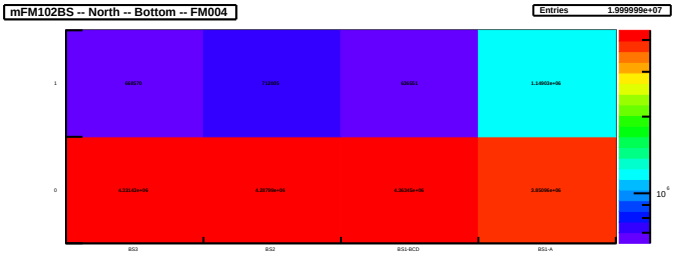
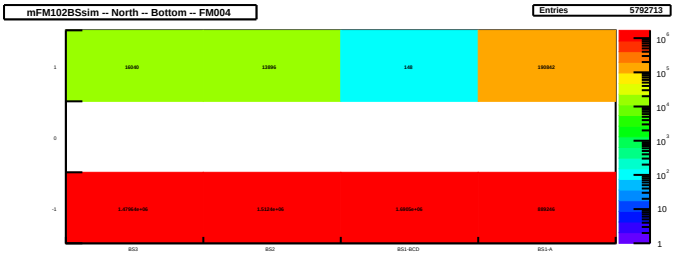

mFM102BS -- North -- Bottom -- FM004
Entries 1.999999e+07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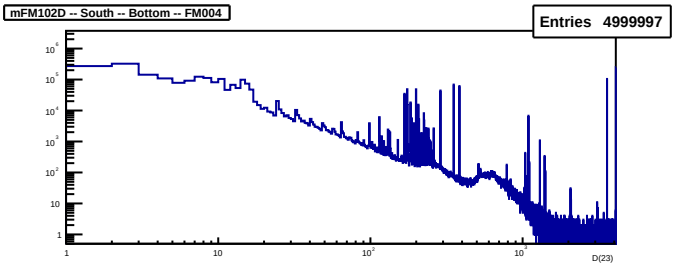
mFM102D -- South -- Bottom -- FM004
Entries 4999997
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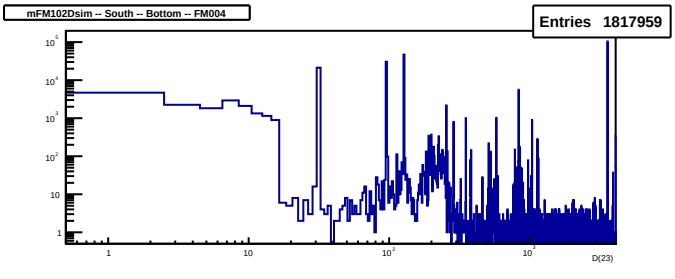
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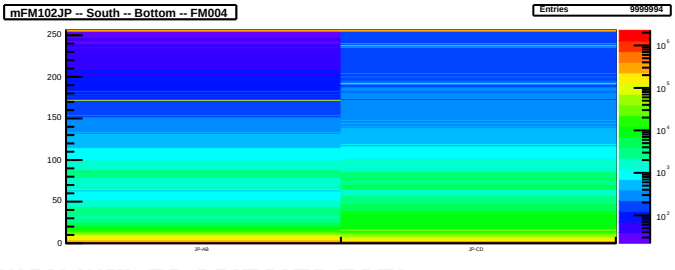
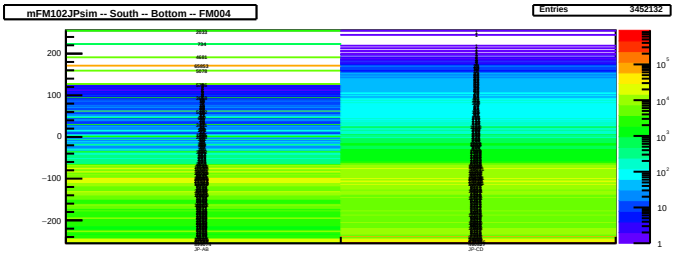

mFM102JP -- South -- Bottom -- FM004
Entries 9999994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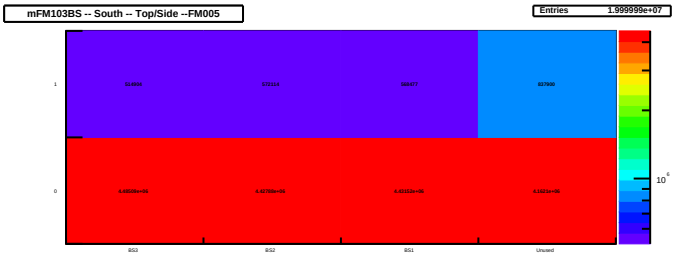
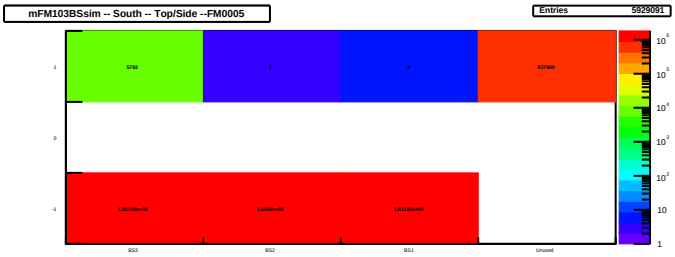

mFM103BS -- South -- Top/Side --FM005
Entries 1.999999e+07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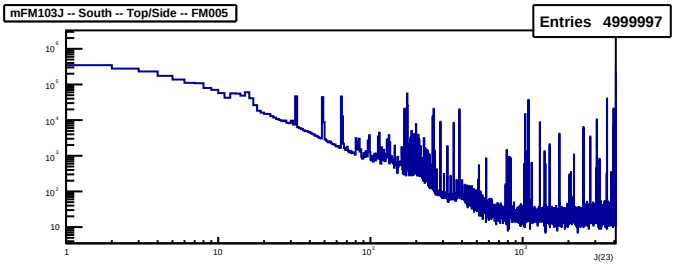
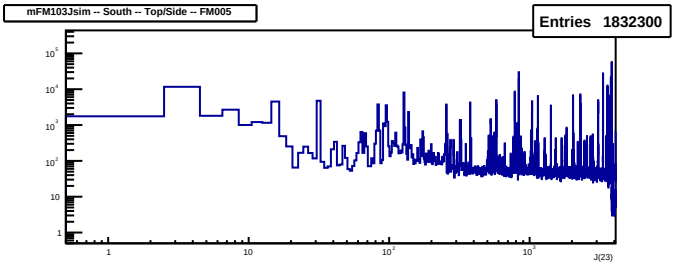

mFM103J -- South -- Top/Side -- FM005
Entries 4999997
J(23)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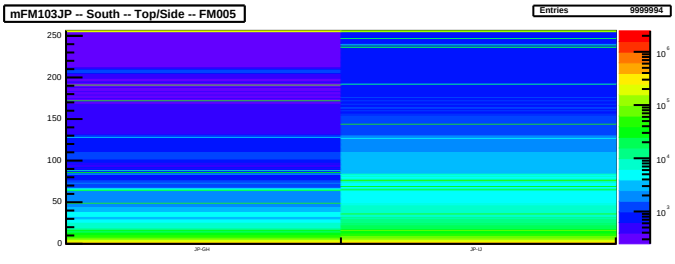
Entries 1832300
J(23)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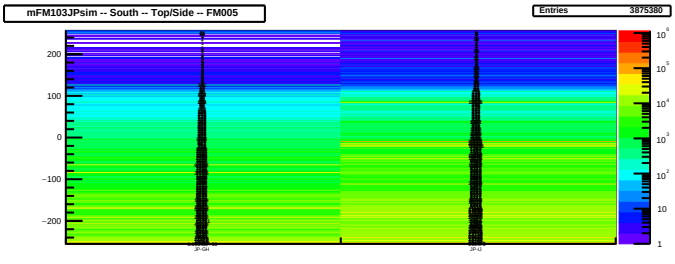
Entries 9999994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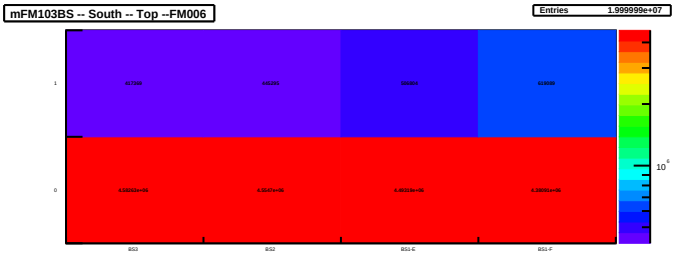
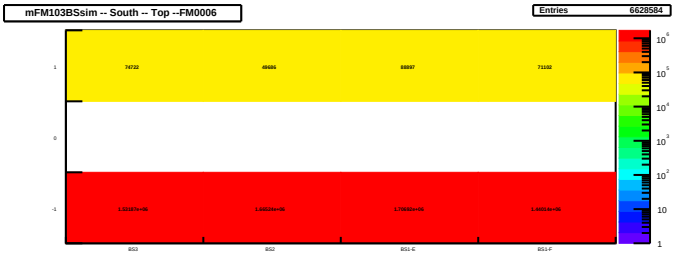

mFM103BS -- South -- Top --FM006
Entries 1.999999e+07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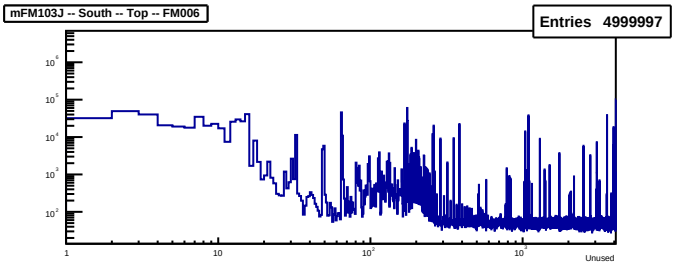
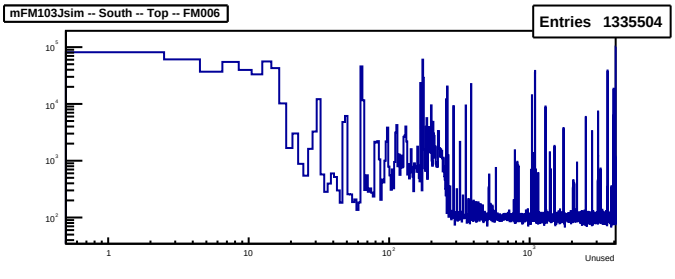
Entries 6628584


mFM103J -- South -- Top -- FM006
Entries 4999997
Unused


mFM103Jsim -- South -- Top -- FM006
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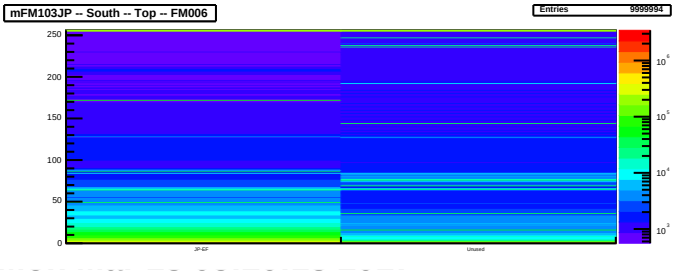
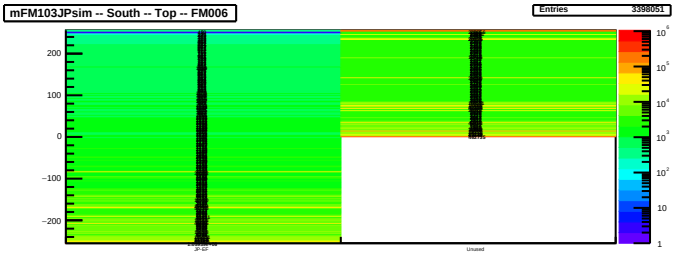

mFM103JP -- South -- Top -- FM006
Entries 9999994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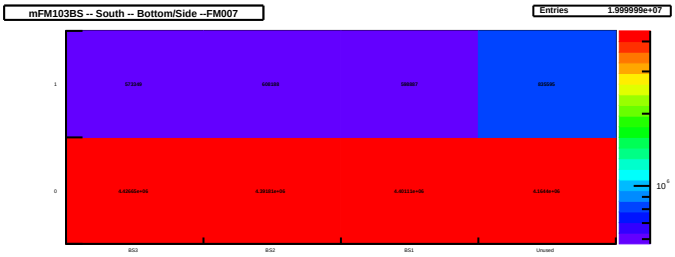
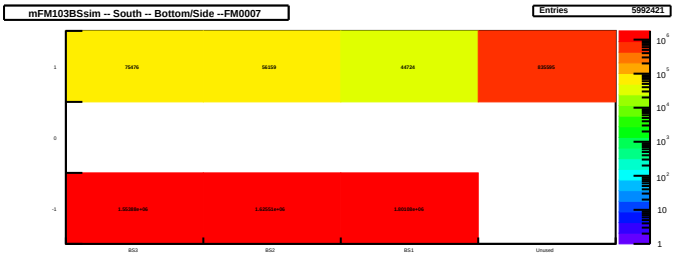

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.999999e+07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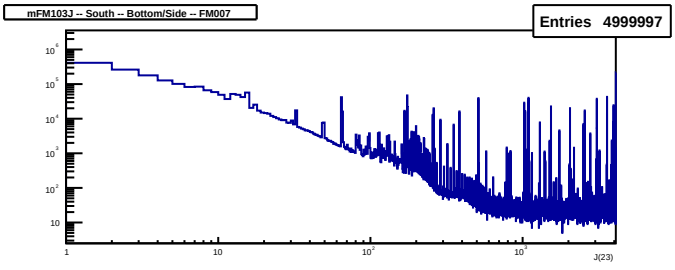
mFM103J -- South -- Bottom/Side -- FM007
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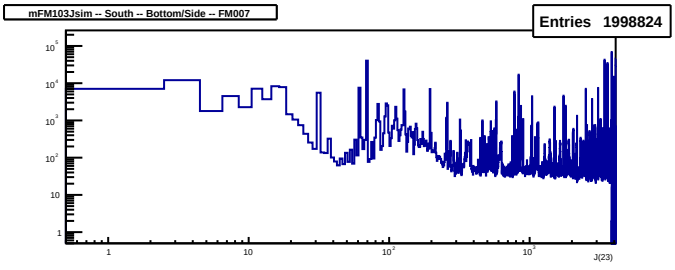
J(23)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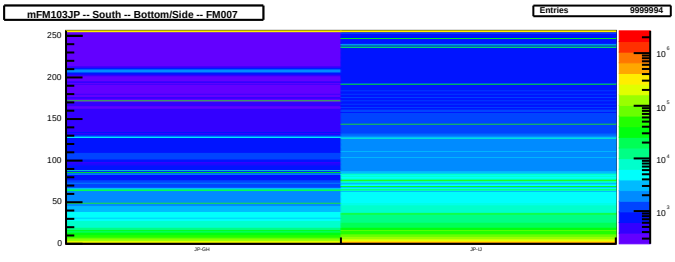
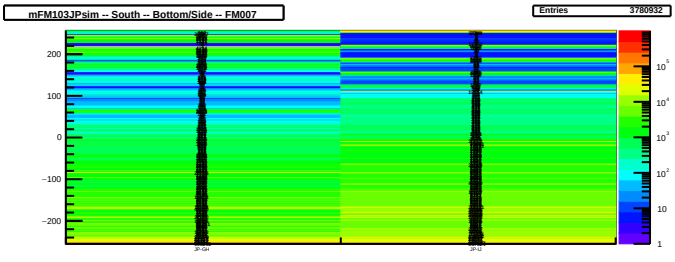
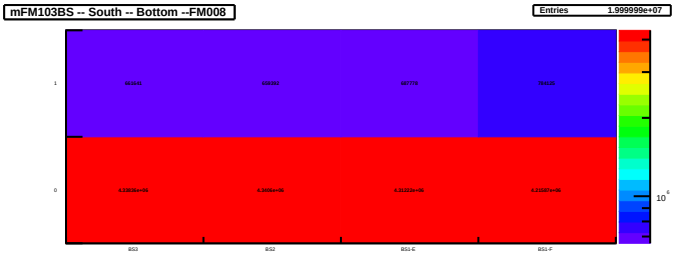
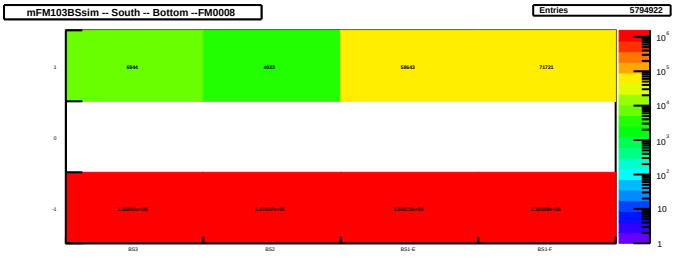
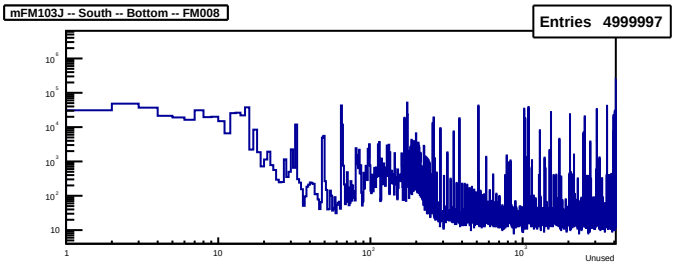
J(23)

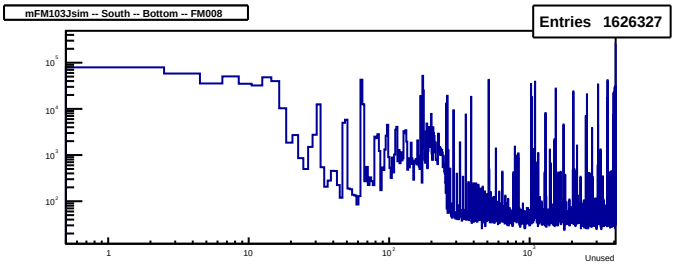

mFM103JP -- South -- Bottom/Side -- FM007
Entries 9999994

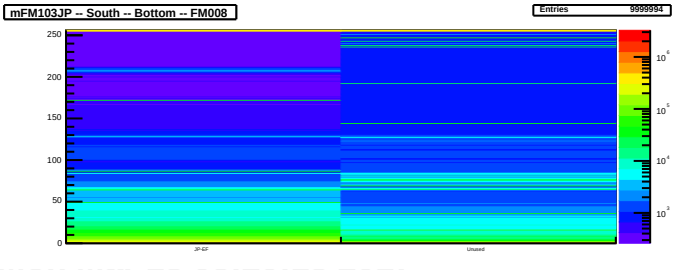

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3780932

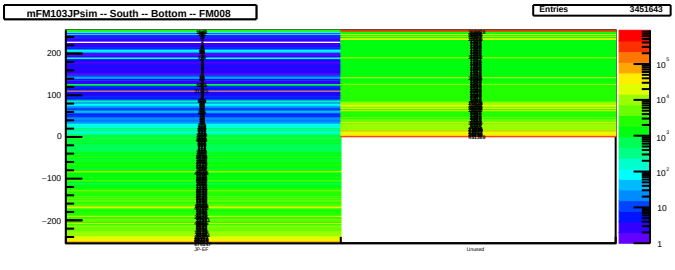

mFM103BS -- South -- Bottom --FM008
Entries 1.999999e+07

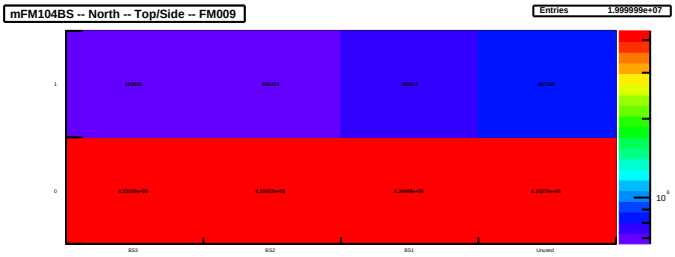

mFM103BSsim -- South -- Bottom --FM0008
Entries 5794922

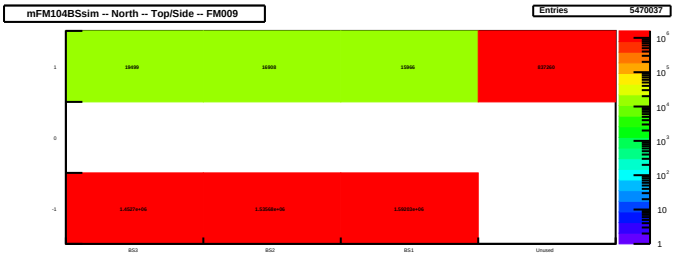

mFM103J -- South -- Bottom -- FM008
Entries 4999997
Unused

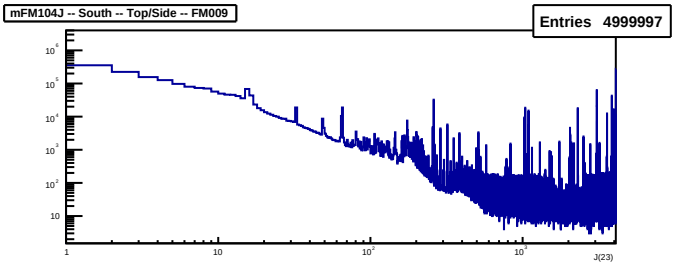

mFM103Jsim -- South -- Bottom -- FM008
Entries 1626327
Unused

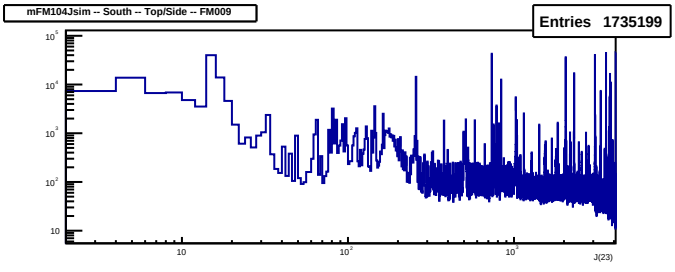

mFM103JP -- South -- Bottom -- FM008
Entries 9999994


mFM103JPsim -- South -- Bottom -- FM008
Entries 3451643


mFM104BS -- North -- Top/Side -- FM009
Entries 1.999999e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5470037


mFM104J -- South -- Top/Side -- FM009
Entries 4999997
J(23)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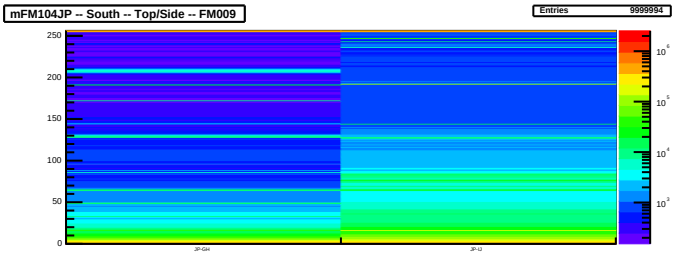
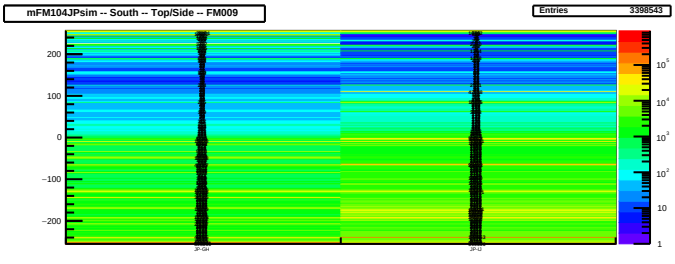
Entries 1735199
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9999994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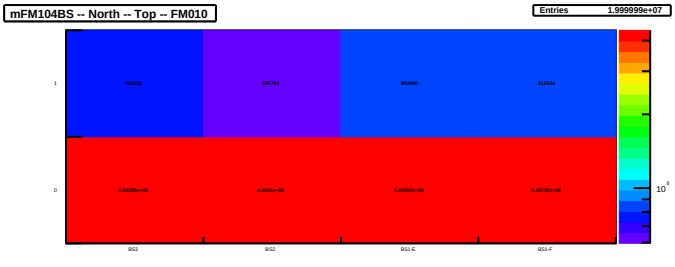
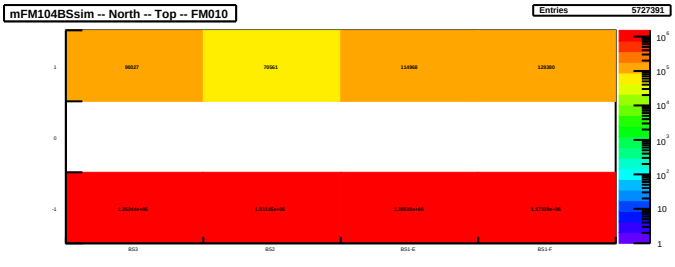
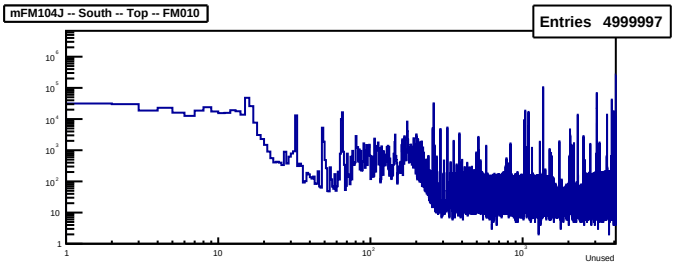
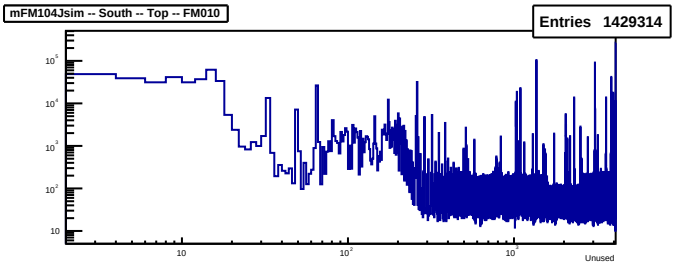
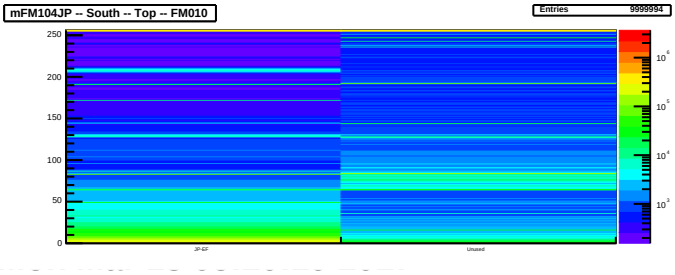
Entries 3398543

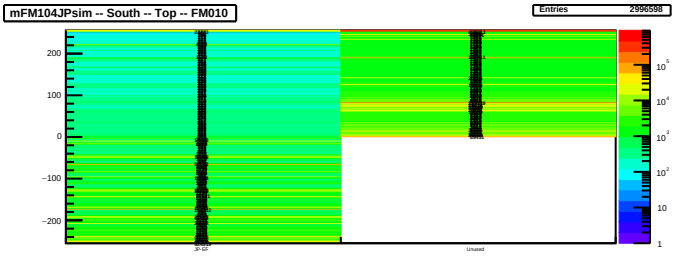

mFM104BS -- North -- Top -- FM010
Entries 1.999999e+07

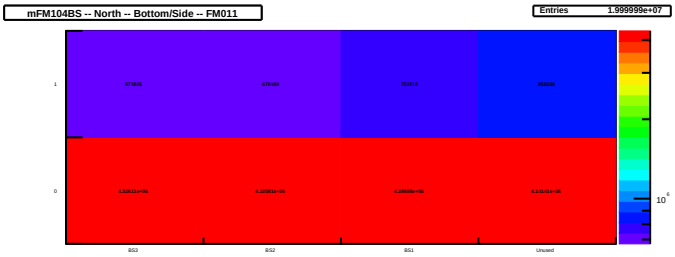

mFM104BSsim -- North -- Top -- FM010
Entries 5727391

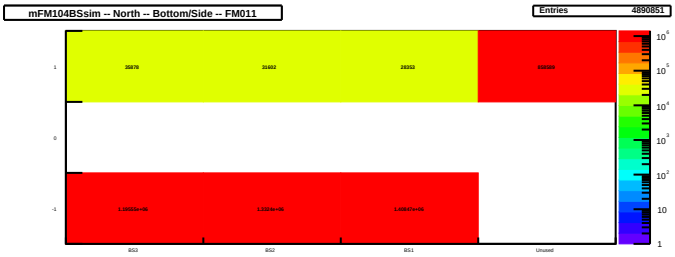

mFM104J -- South -- Top -- FM010
Entries 4999997
Unused

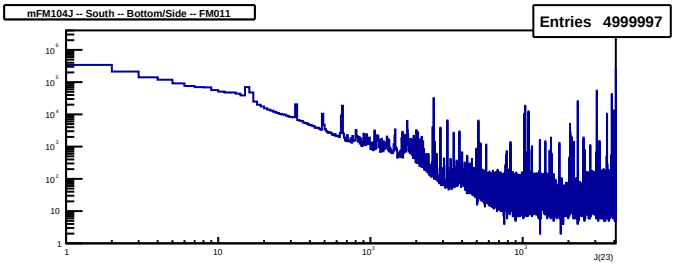

mFM104Jsim -- South -- Top -- FM010
Entries 1429314
Unused

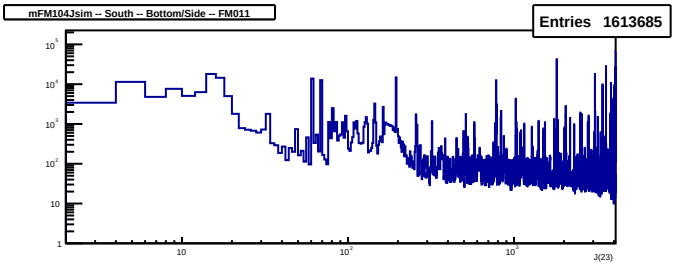

mFM104JP -- South -- Top -- FM010
Entries 9999994

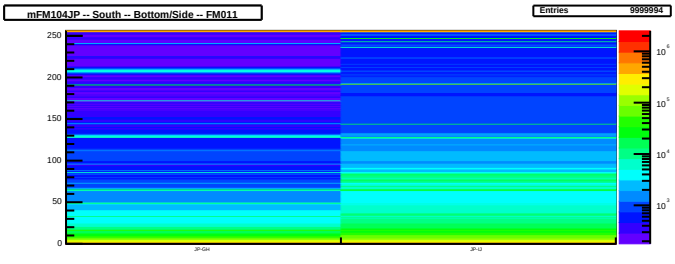

mFM104JPsim -- South -- Top -- FM010
Entries 2996598

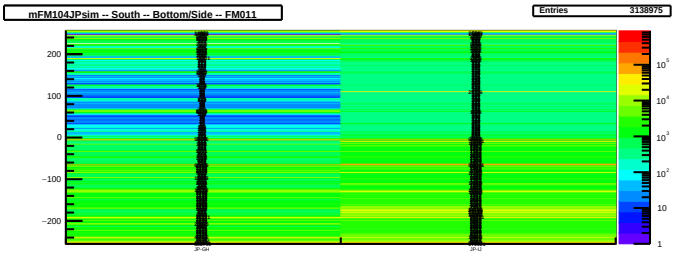

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.999999e+07

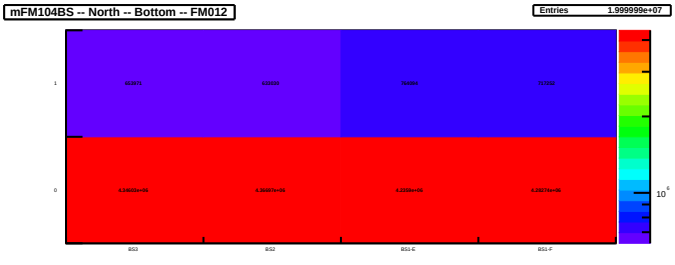

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4890851

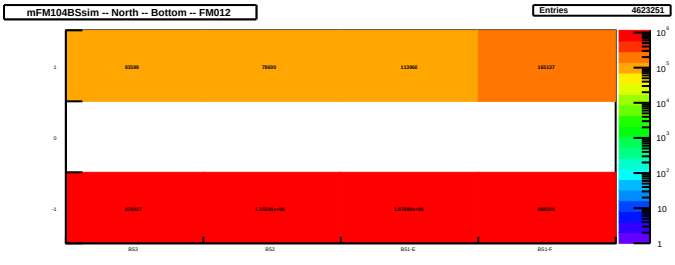

mFM104J -- South -- Bottom/Side -- FM011
Entries 4999997
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1613685
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 9999994


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3138975


mFM104BS -- North -- Bottom -- FM012
Entries 1.999999e+07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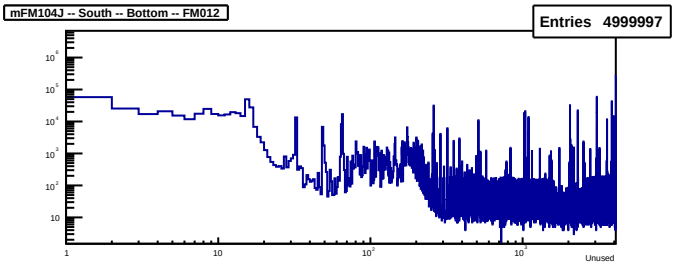
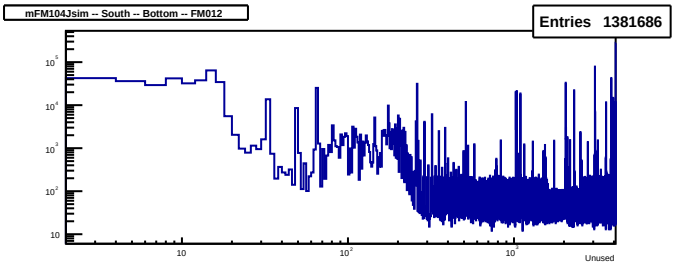
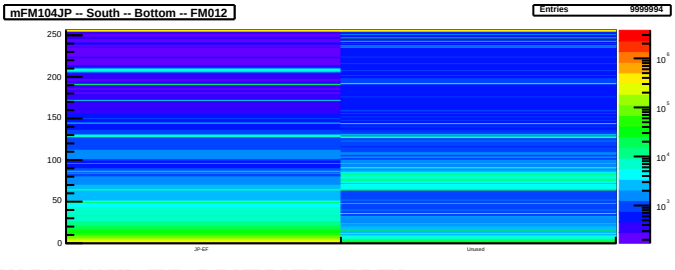
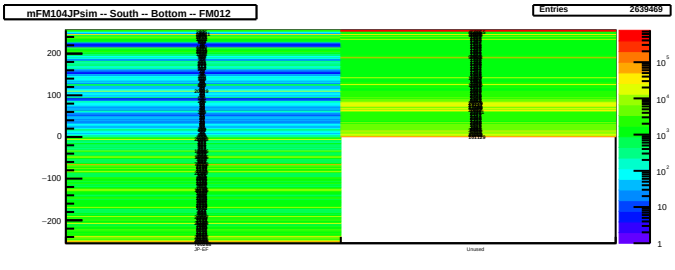
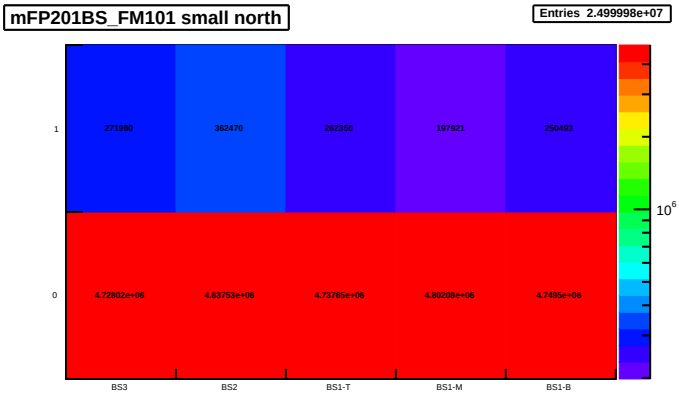
Entries 4623251

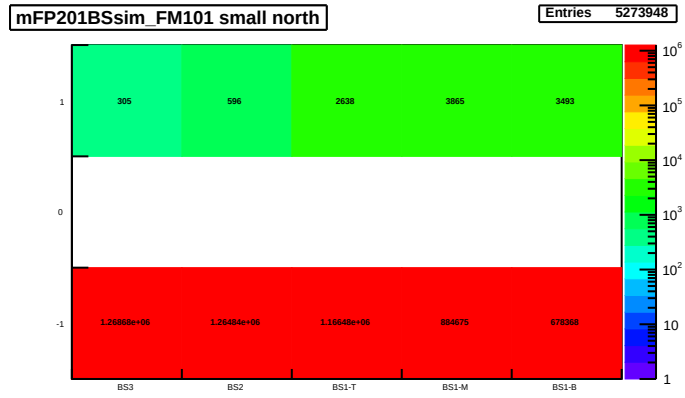

mFM104J -- South -- Bottom -- FM012
Entries 4999997
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 1381686
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 9999994


mFM104JPsim -- South -- Bottom -- FM012
Entries 2639469


mFP201BS_FM101 small north
Entries 2.499998e+07
1
0
271980
362470
262350
197921
250493
4.72802e+06
4.63753e+06
4.73765e+06
4.80208e+06
4.7495e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 5273948
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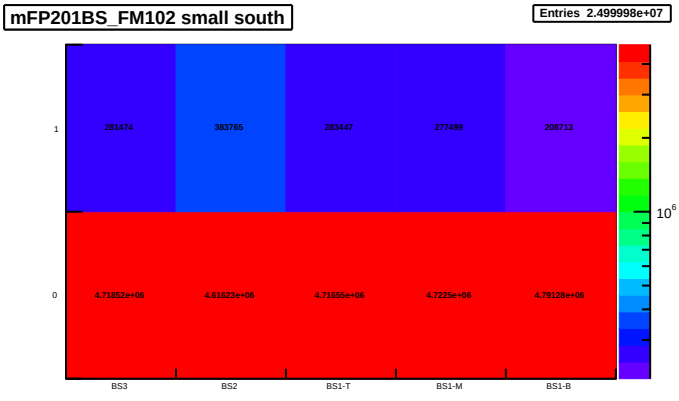
0
-1
305
596
2638
3865
3493
1.26868e+06
1.26484e+06
1.16648e+06
884675
678368
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 2.499998e+07
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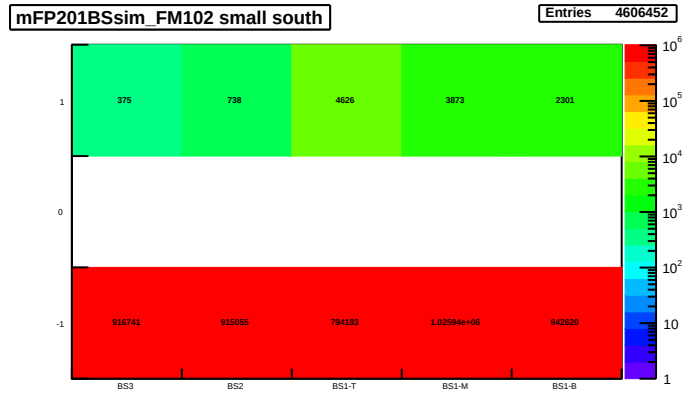
0
281474
383765
283447
277499
208713
4.71852e+06
4.61623e+06
4.71655e+06
4.7225e+06
4.79128e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 4606452
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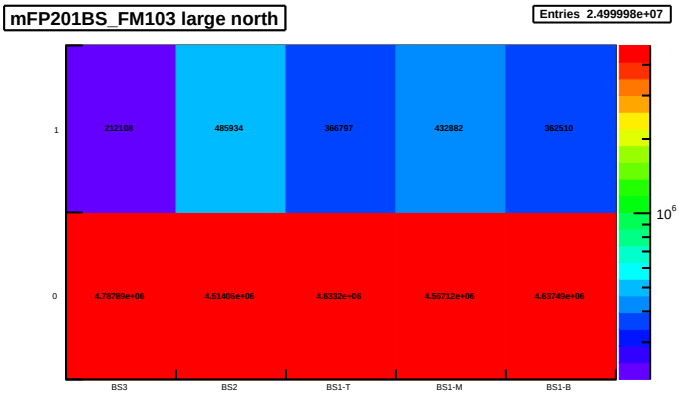
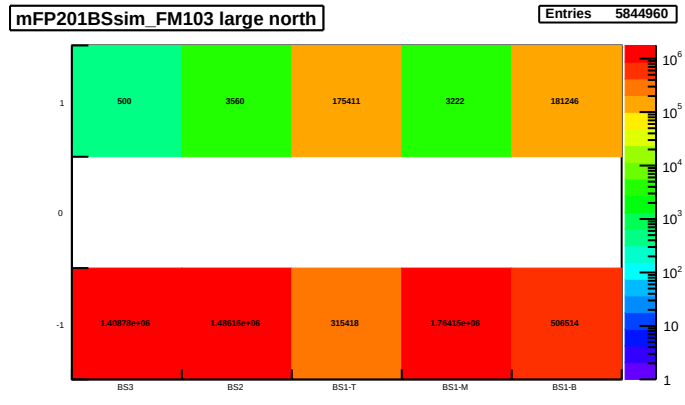
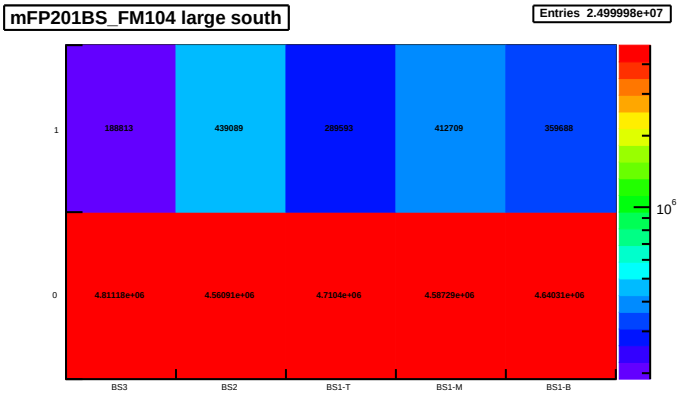
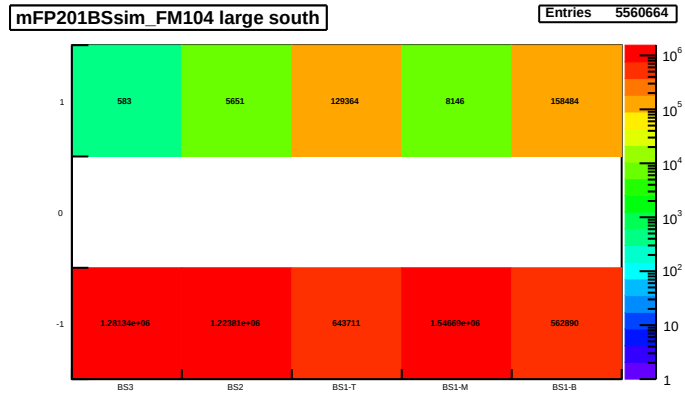
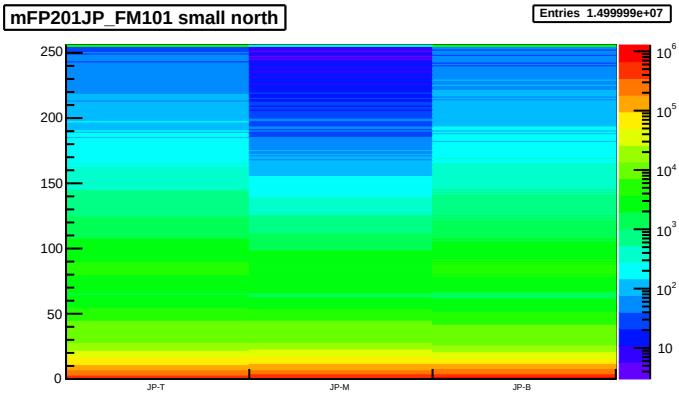
0
-1
375
738
4626
3873
2301
916741
915055
794183
1.02594e+06
942620
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

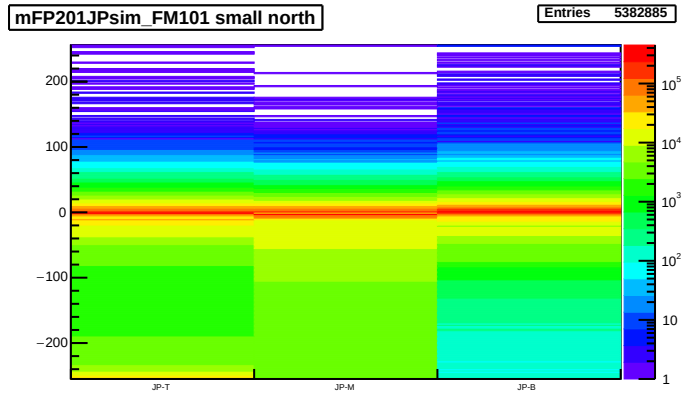

mFP201BS_FM103 large north
Entries 2.499998e+07
1
0
212108
485934
366797
432882
362510
4.78789e+06
4.51406e+06
4.6332e+06
4.56712e+06
4.63749e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

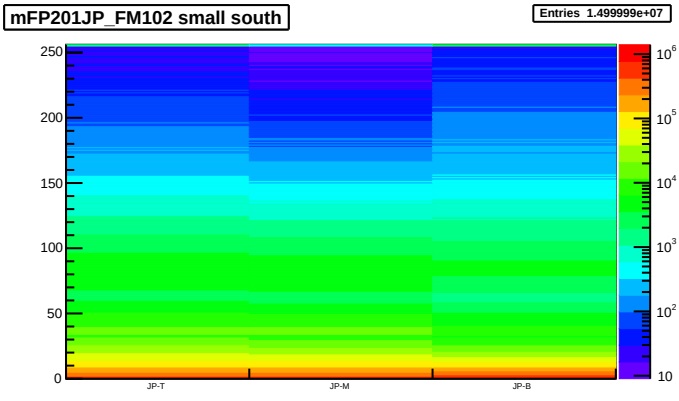

mFP201BSsim_FM103 large north
Entries 5844960
1
0
-1
500
3560
175411
3222
181246
1.40878e+06
1.48616e+06
315418
1.76415e+06
506514
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

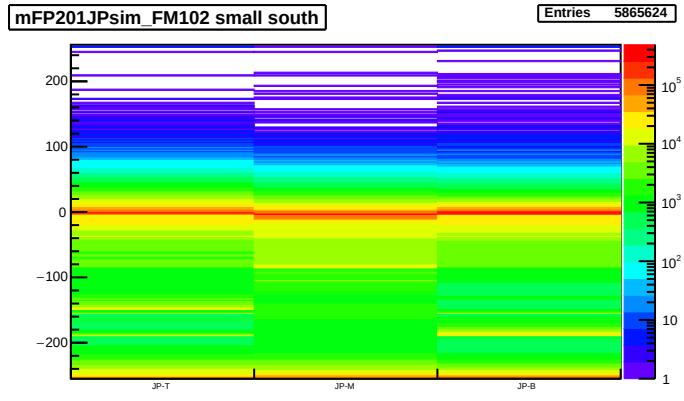

mFP201BS_FM104 large south
Entries 2.499998e+07
1
0
188813
439089
289593
412709
359688
4.81118e+06
4.56091e+06
4.7104e+06
4.58729e+06
4.64031e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

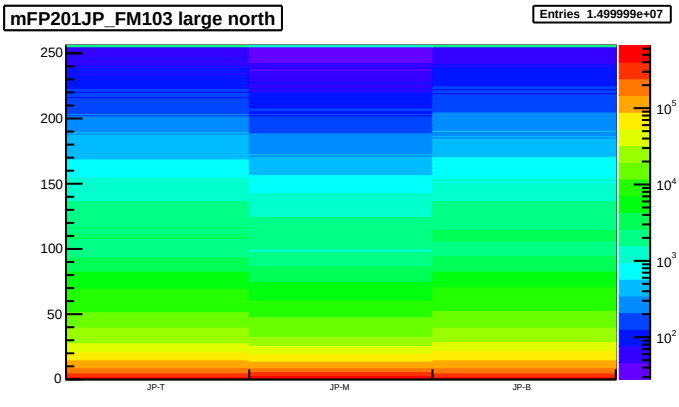

mFP201BSsim_FM104 large south
Entries 5560664
1
0
-1
583
5651
129364
8146
158484
1.28134e+06
1.22381e+06
643711
1.54669e+06
562890
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

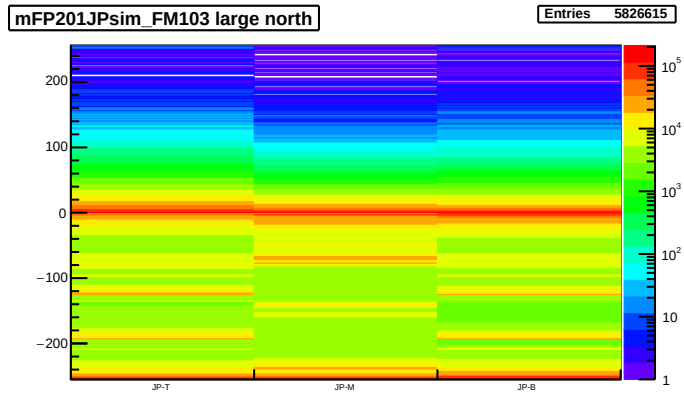

mFP201JP_FM101 small north
Entries 1.499999e+07
JP-T
JP-M
JP-B

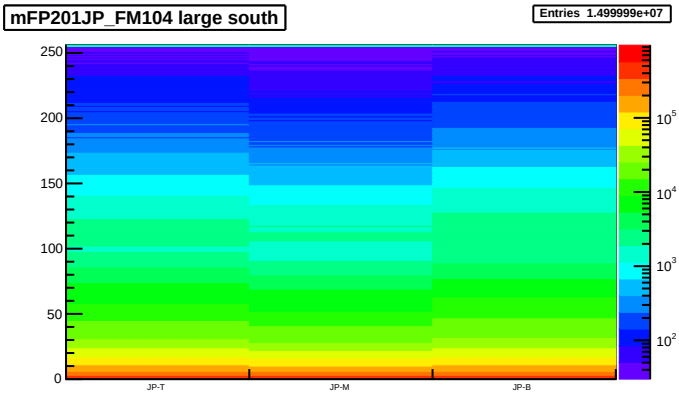

mFP201JPsim_FM101 small north
Entries 5382885
JP-T
JP-M
JP-B

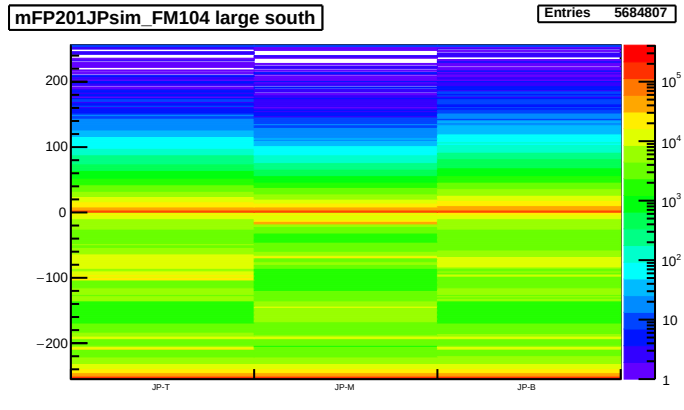

mFP201JP_FM102 small south
Entries 1.499999e+07
JP-T
JP-M
JP-B

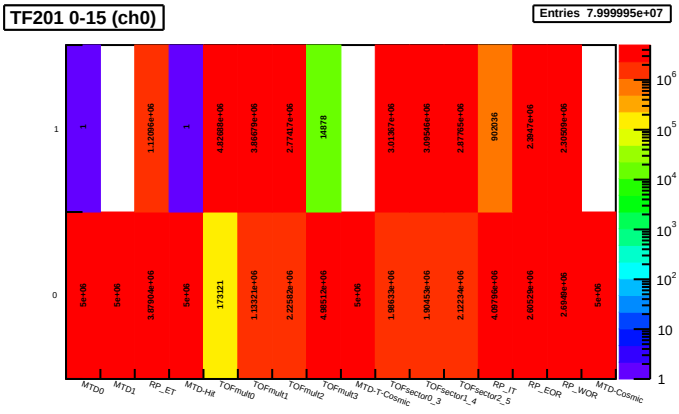

mFP201JPsim_FM102 small south
Entries 5865624
JP-T
JP-M
JP-B


mFP201JP_FM103 large north
Entries 1.499999e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 5826615
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.499999e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5684807
JP-T
JP-M
JP-B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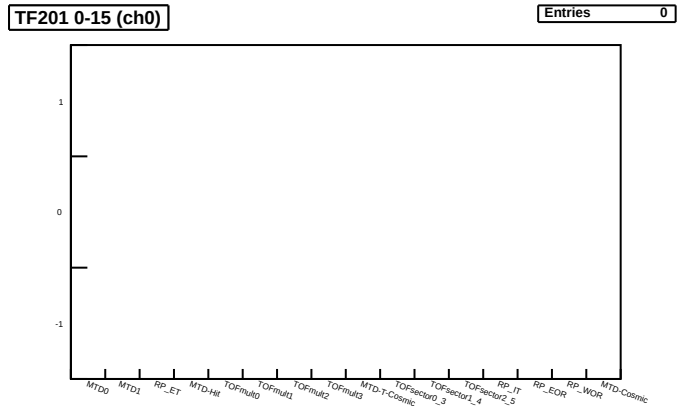
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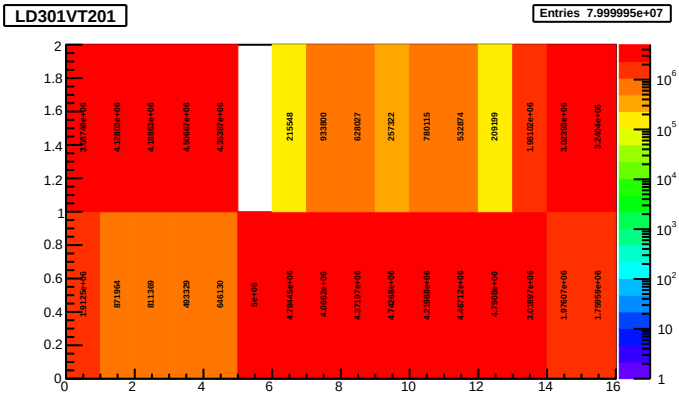
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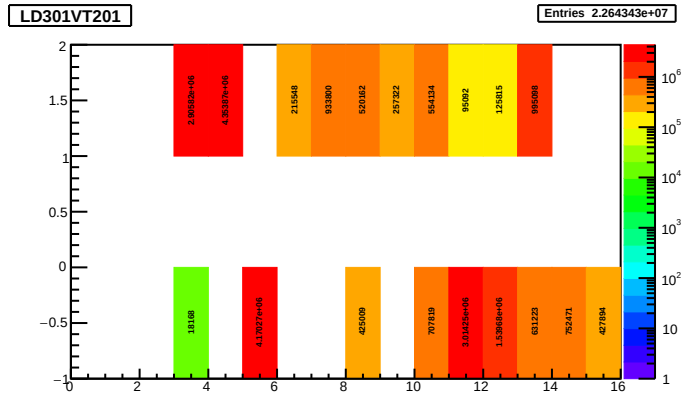
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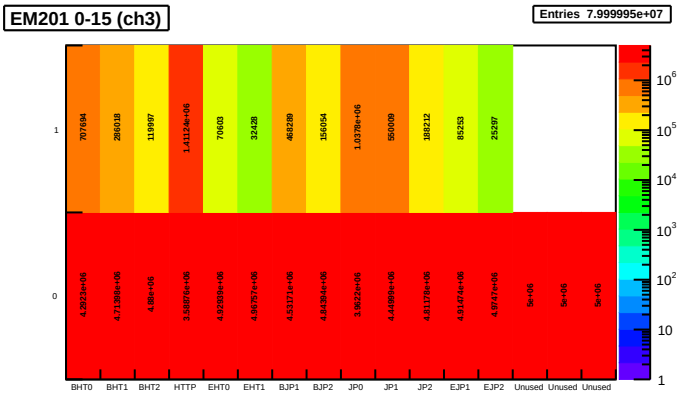
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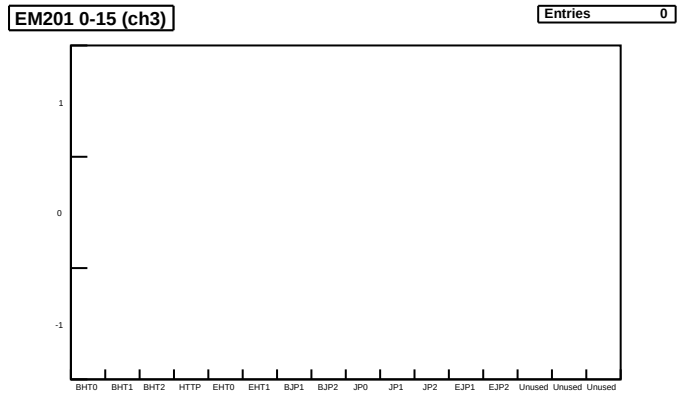
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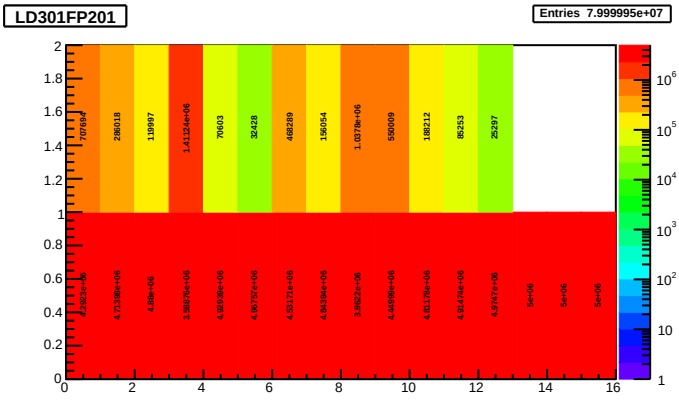
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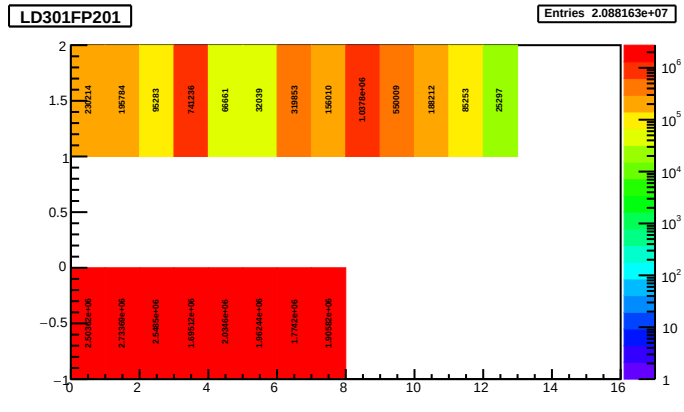
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