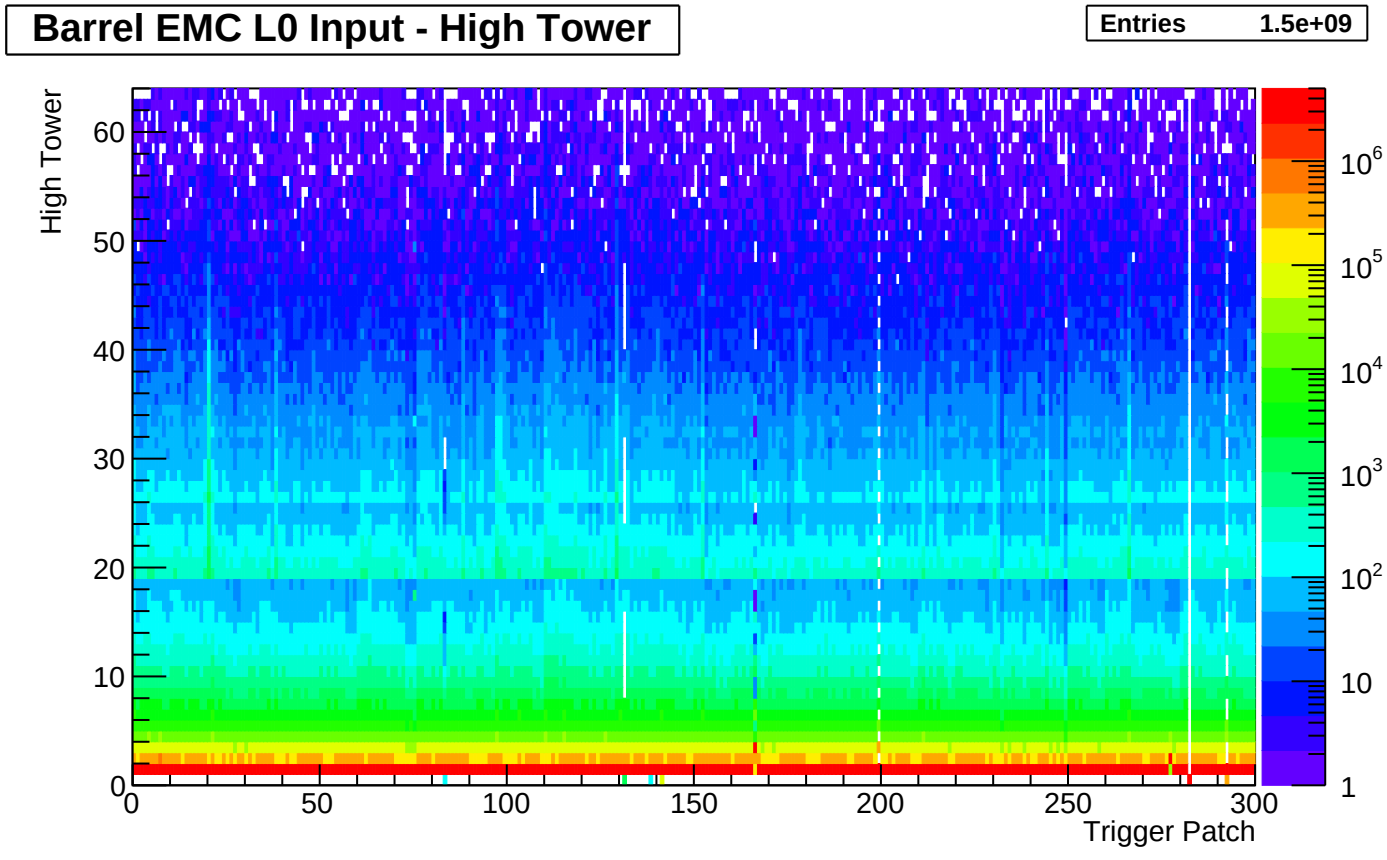
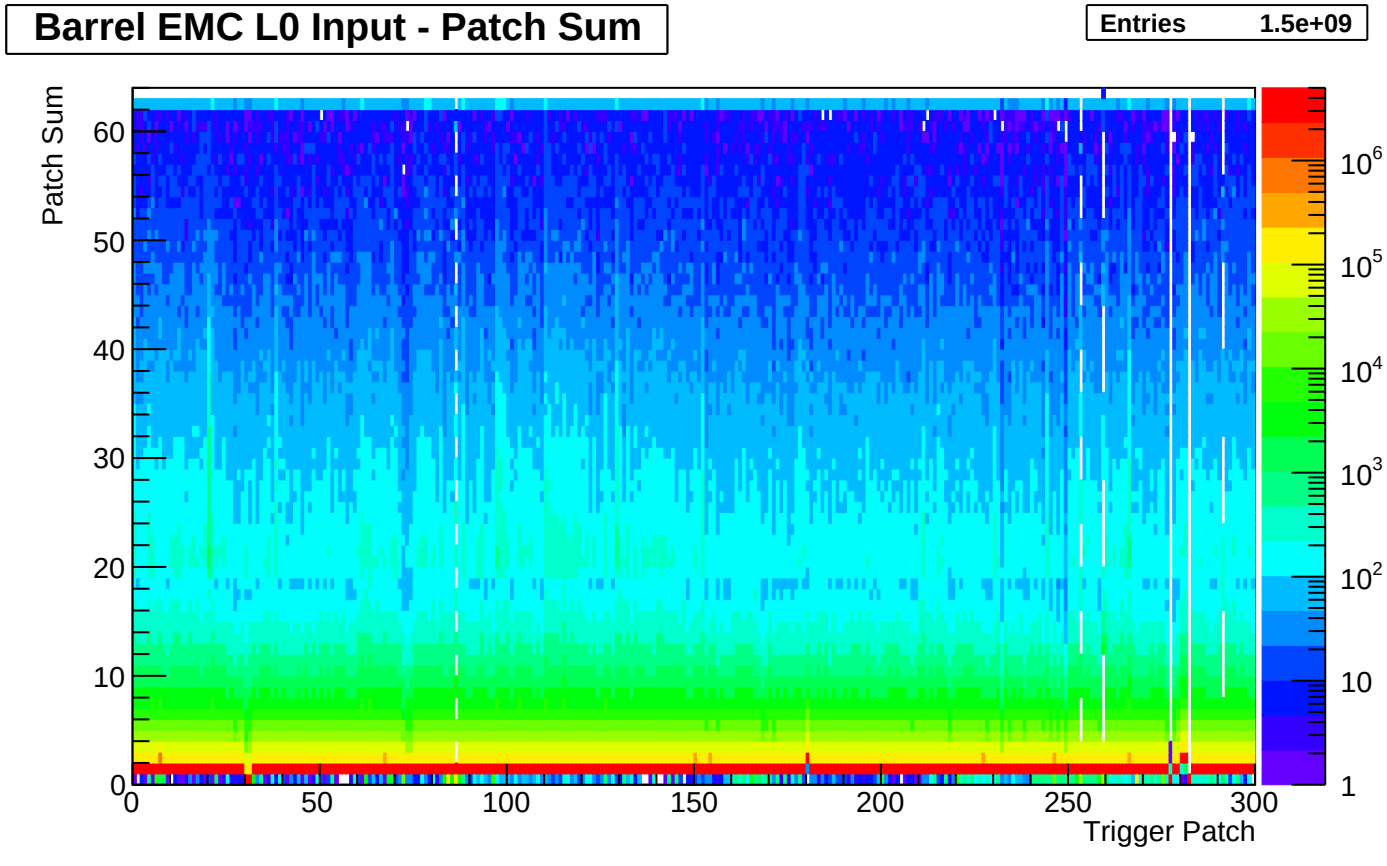
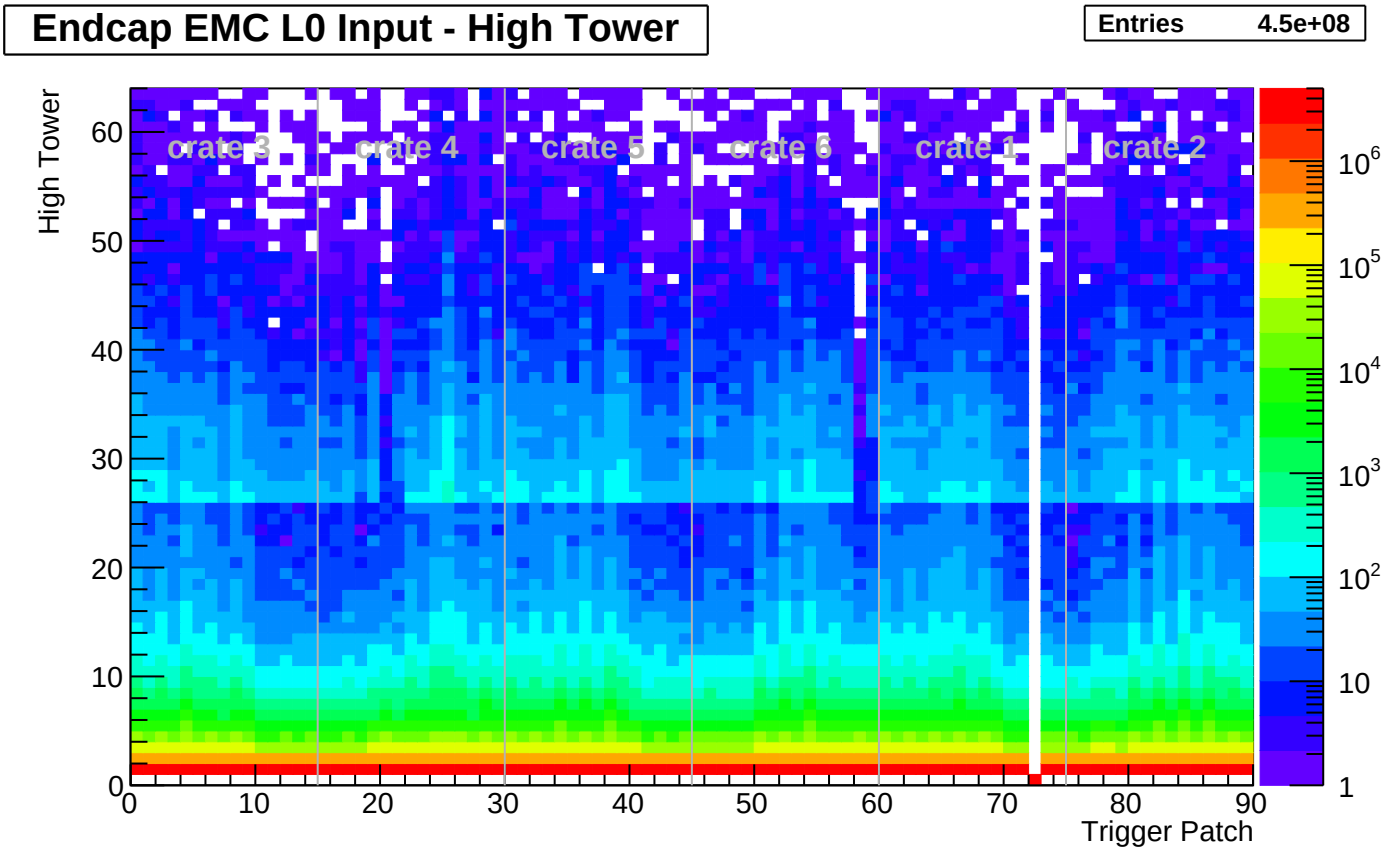
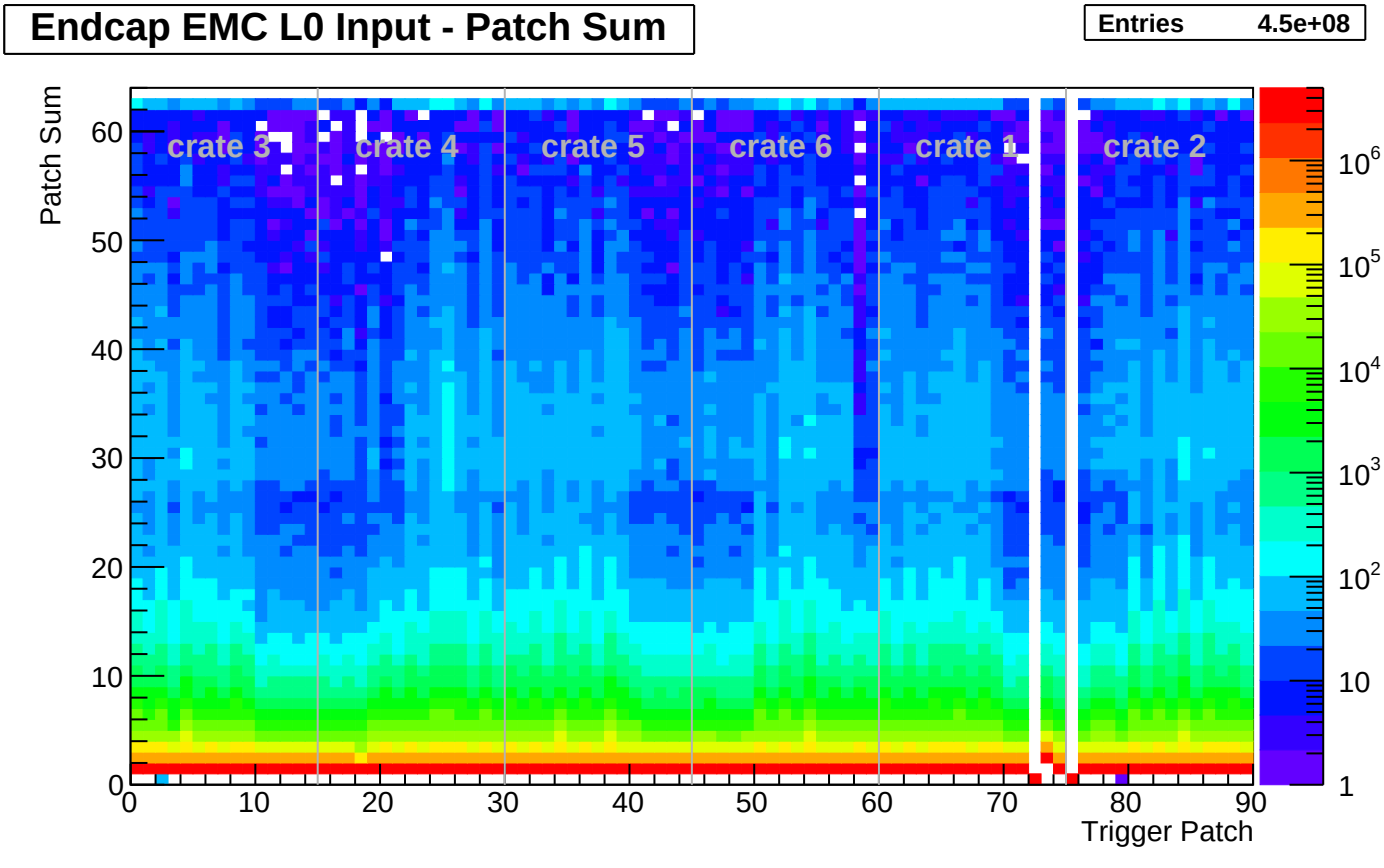
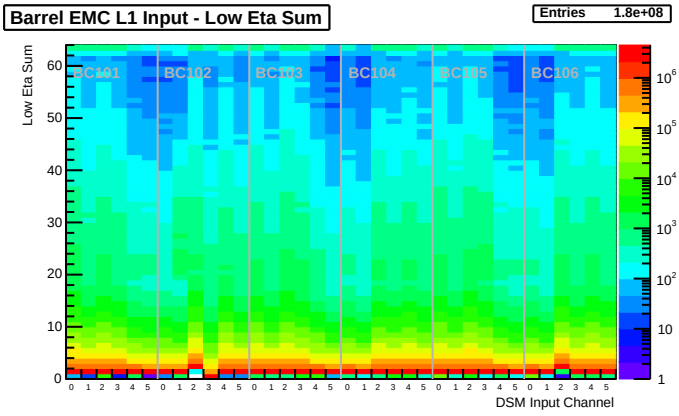
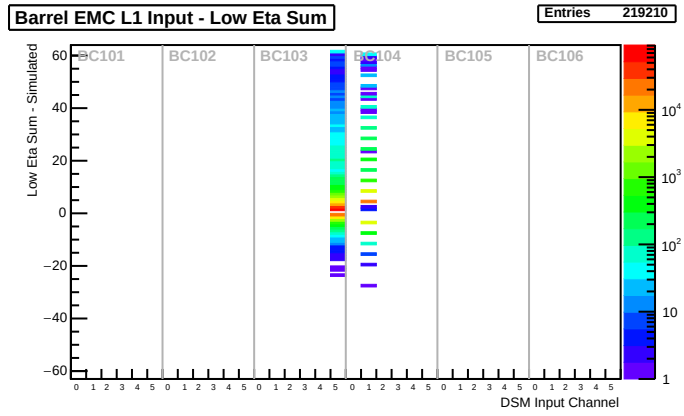

Barrel EMC L0 Input - High Tower
Entries 1.5e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

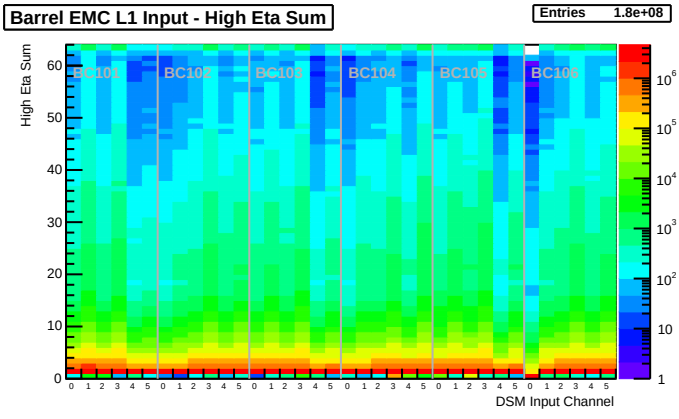

Barrel EMC L0 Input - Patch Sum
Entries 1.5e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

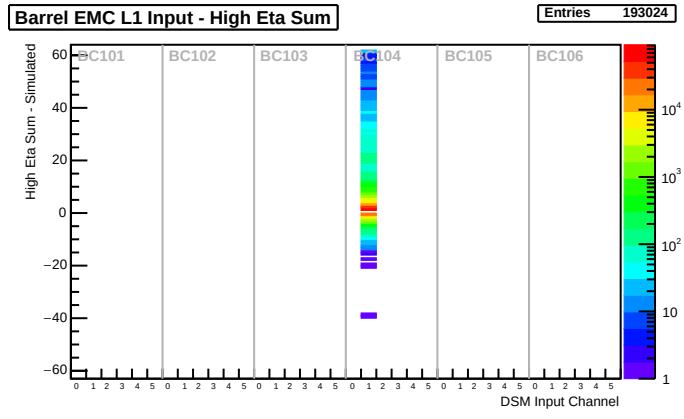

Endcap EMC L0 Input - High Tower
Entries 4.5e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

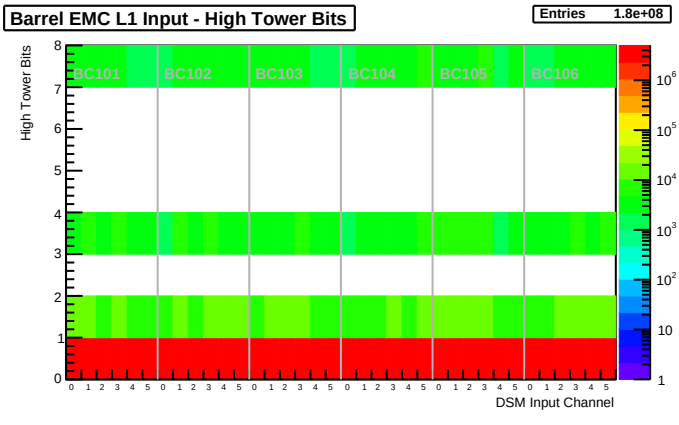

Endcap EMC L0 Input - Patch Sum
Entries 4.5e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

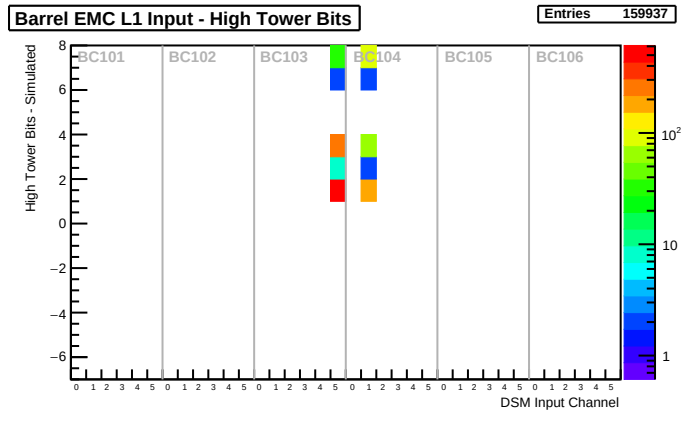

Barrel EMC L1 Input - Low Eta Sum
Entries 1.8e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

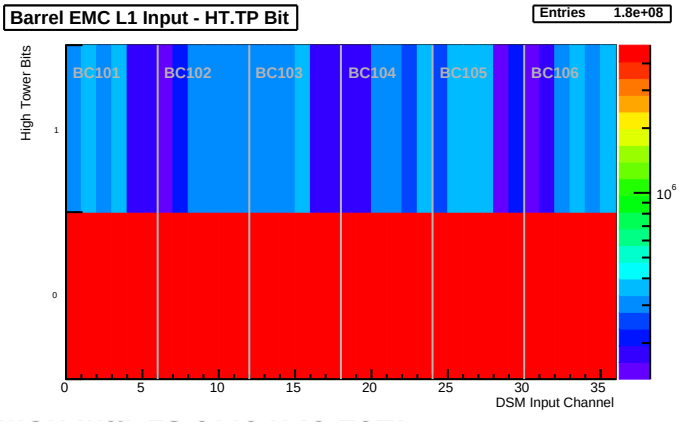

Barrel EMC L1 Input - Low Eta Sum
Entries 219210
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

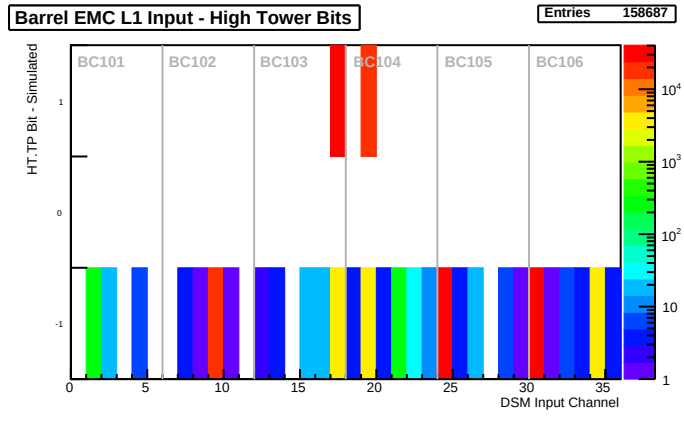

Barrel EMC L1 Input - High Eta Sum
Entries 1.8e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

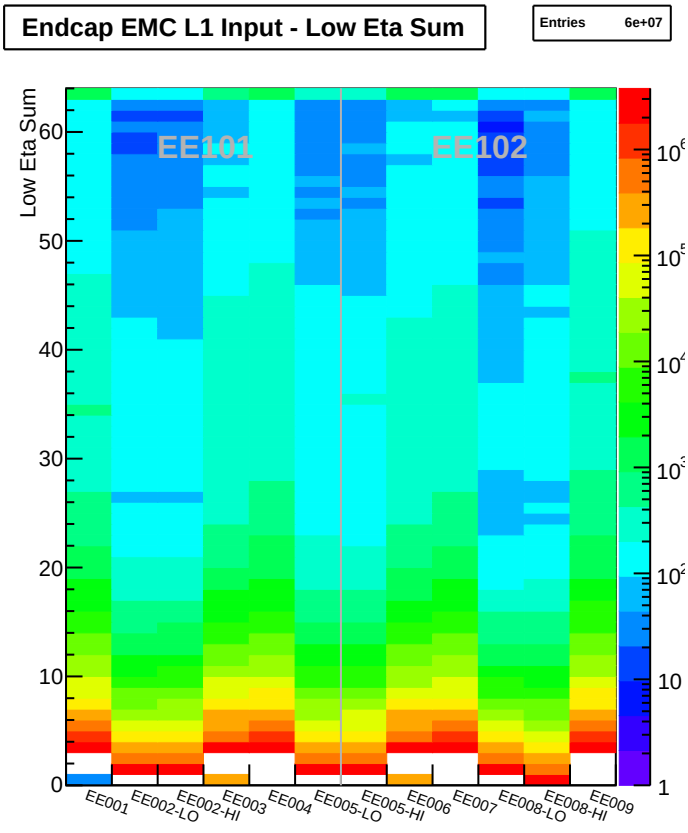

Barrel EMC L1 Input - High Eta Sum
Entries 193024
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

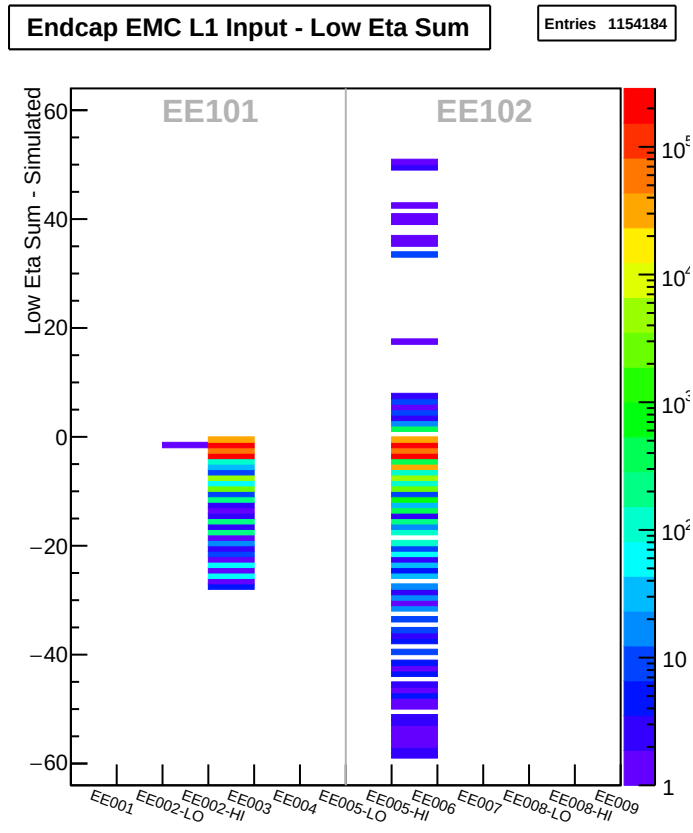

Barrel EMC L1 Input - High Tower Bits
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

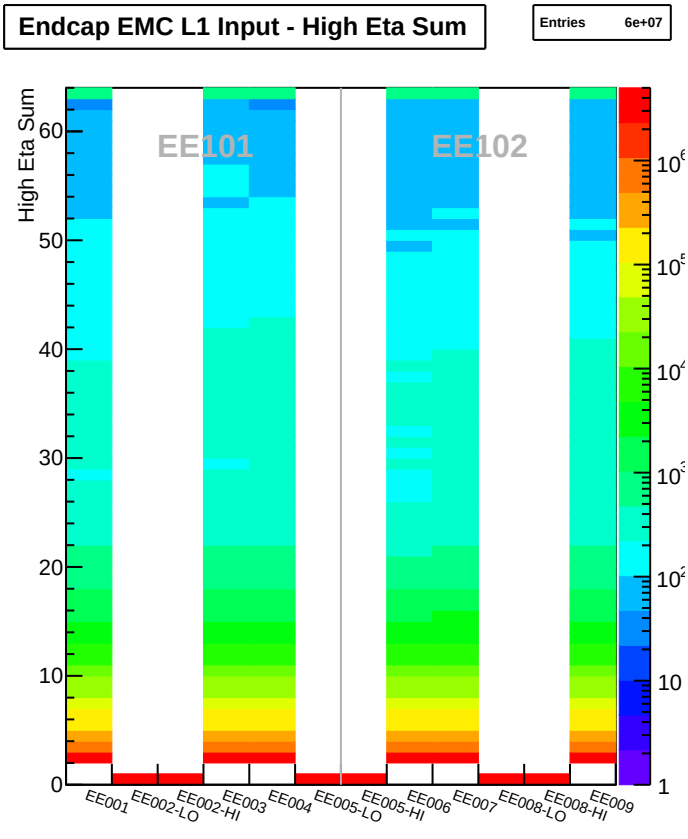

Barrel EMC L1 Input - High Tower Bits
Entries 159937
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

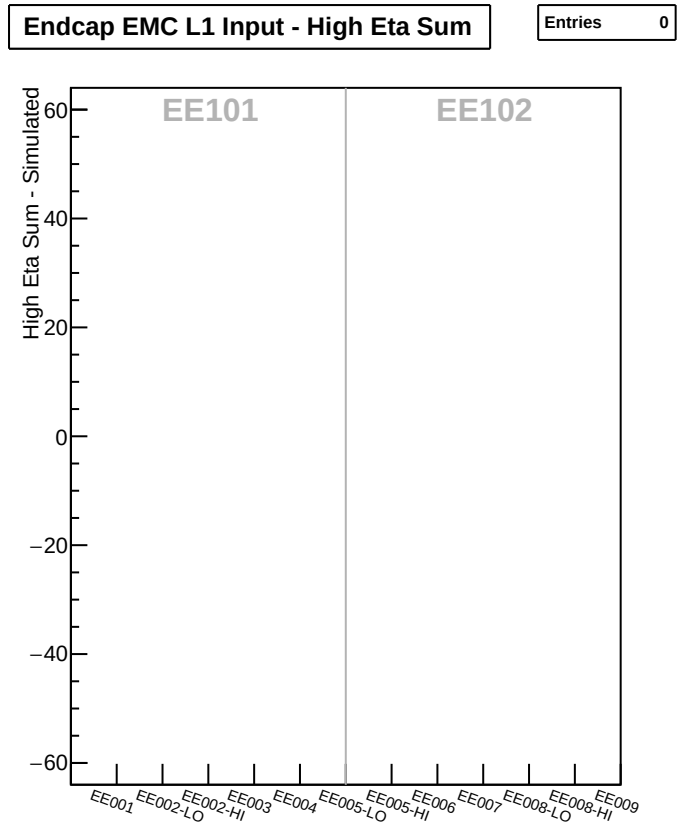

Barrel EMC L1 Input - HT.TP Bit
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

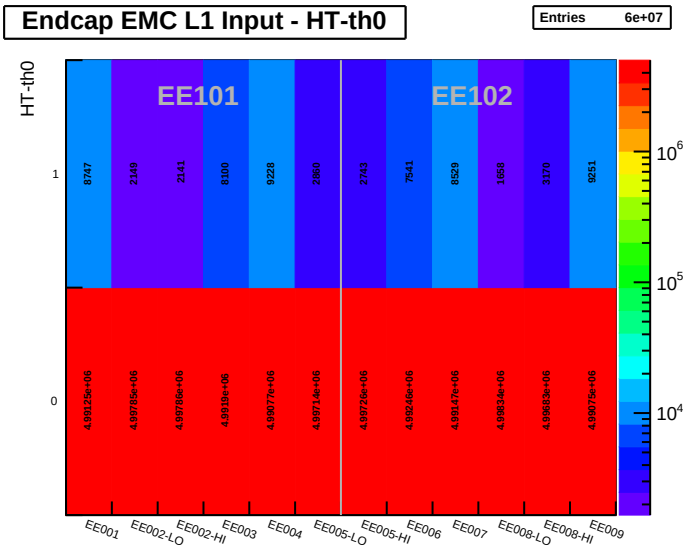

Barrel EMC L1 Input - High Tower Bits
Entries 158687
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

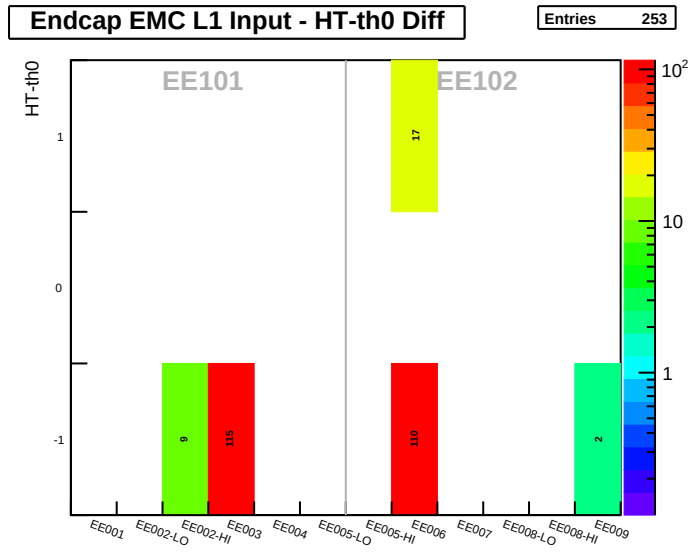

Endcap EMC L1 Input - Low Eta Sum
Entries 6e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

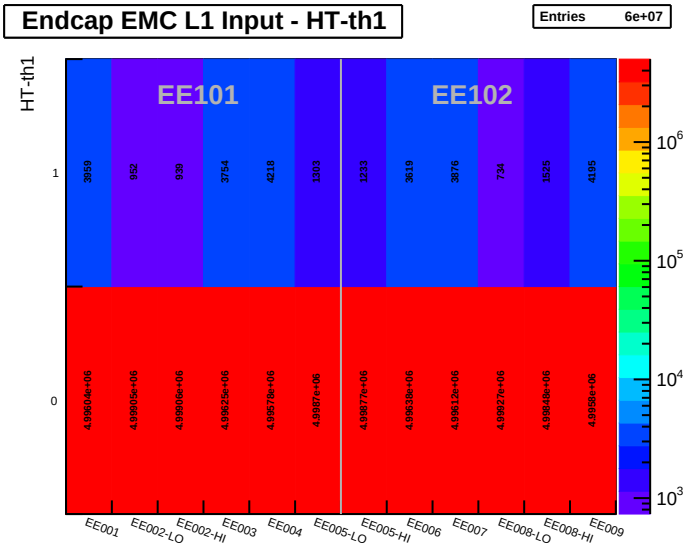

Endcap EMC L1 Input - Low Eta Sum
Entries 1154184
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

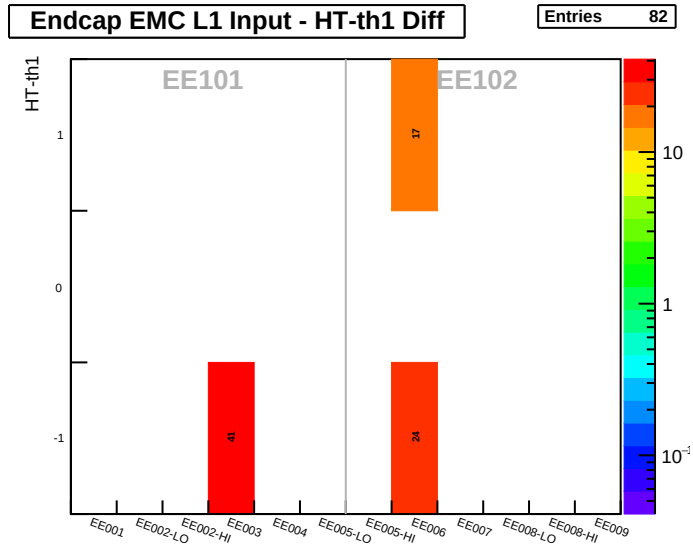

Endcap EMC L1 Input - High Eta Sum
Entries 6e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

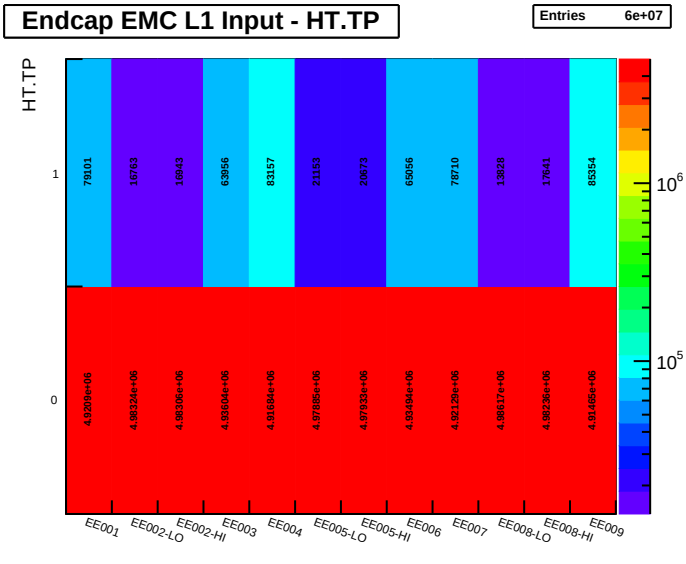

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

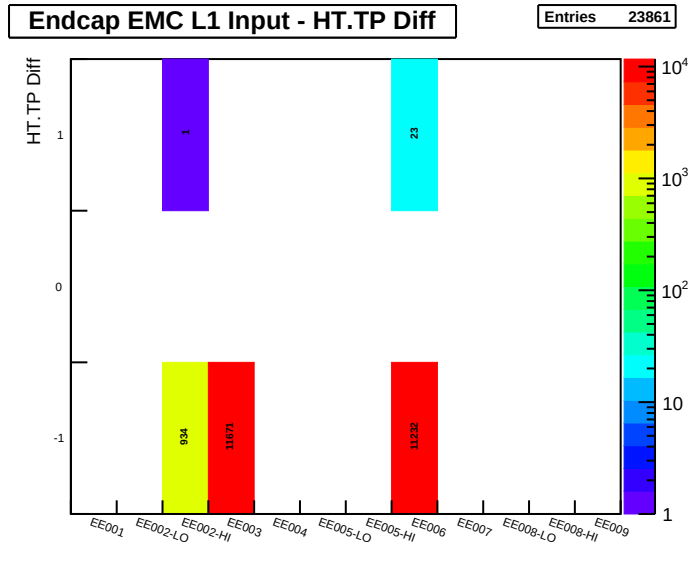

Endcap EMC L1 Input - HT-th0
Entries 6e+07
HT-th0
EE101
EE102
8747
2149
2141
8100
9228
2860
2743
7541
8529
1658
3170
9251
4.99125e+06
4.99785e+06
4.99786e+06
4.99919e+06
4.99077e+06
4.99714e+06
4.99726e+06
4.99246e+06
4.99147e+06
4.99034e+06
4.99683e+06
4.99075e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

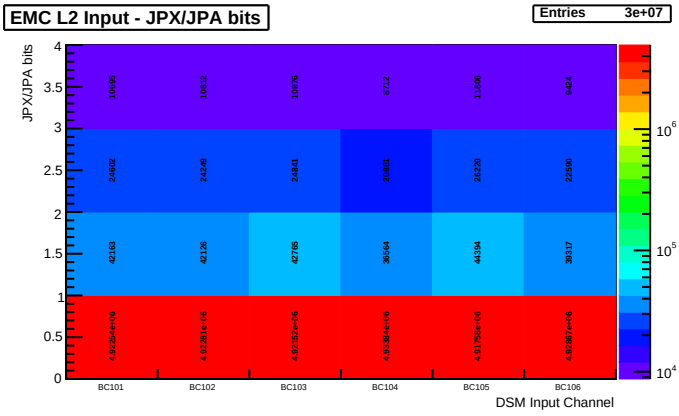

Endcap EMC L1 Input - HT-th0 Diff
Entries 253
HT-th0
EE101
EE102
17
9
115
110
2
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

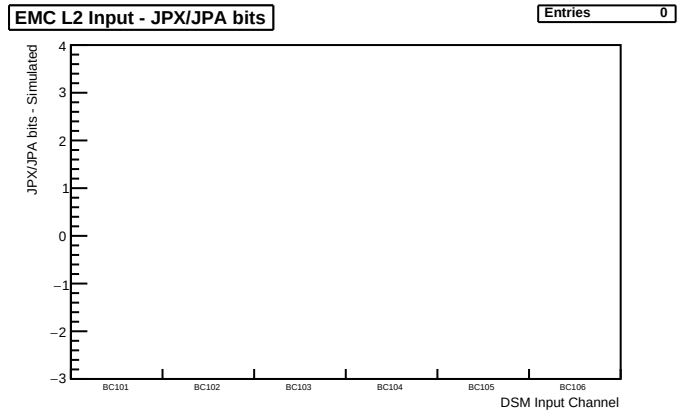

Endcap EMC L1 Input - HT-th1
Entries 6e+07
HT-th1
EE101
EE102
3959
952
939
3754
4218
1303
1233
3619
3876
734
1525
4195
4.99604e+06
4.99905e+06
4.99906e+06
4.99625e+06
4.99578e+06
4.9987e+06
4.99877e+06
4.99638e+06
4.99612e+06
4.99927e+06
4.99848e+06
4.9958e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

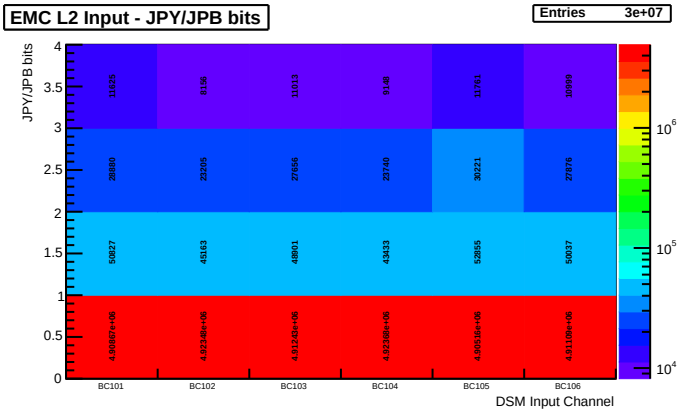

Endcap EMC L1 Input - HT-th1 Diff
Entries 82
HT-th1
EE101
EE102
17
41
24
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

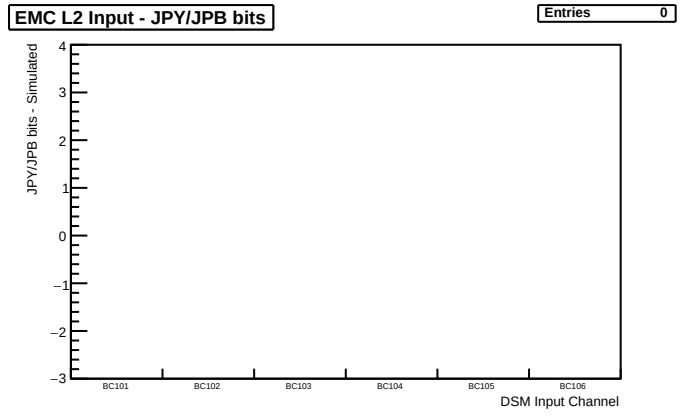

Endcap EMC L1 Input - HT.TP
Entries 6e+07
HT.TP
79101
16763
16943
63956
83157
21153
20673
65056
78710
13828
17641
85354
4.9209e+06
4.98324e+06
4.98306e+06
4.93604e+06
4.91684e+06
4.97885e+06
4.97933e+06
4.9349e+06
4.92129e+06
4.98617e+06
4.9023e+06
4.91465e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

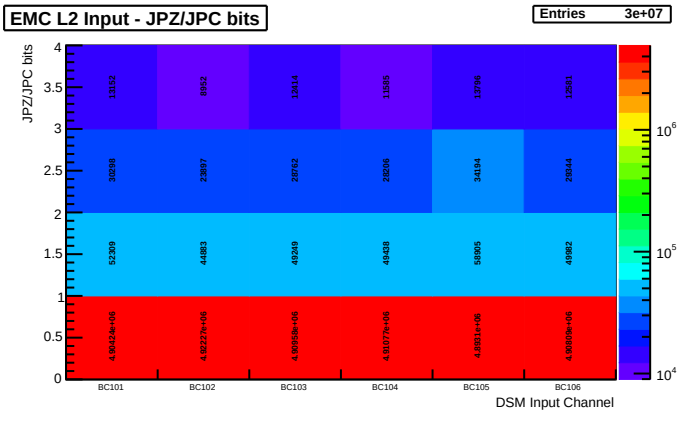

Endcap EMC L1 Input - HT.TP Diff
Entries 23861
HT.TP Diff
1
23
934
11671
1232
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

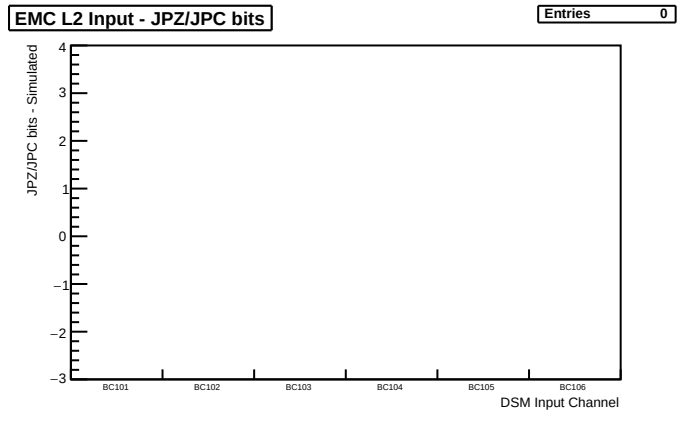

EMC L2 Input - JPX/JPA bits
Entries 3e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10695
10812
10876
8712
11806
9424
24602
24249
24841
20981
26220
22590
42183
42126
42765
36564
44394
39317
4.92254e+06
4.92281e+06
4.92152e+06
4.92384e+06
4.91758e+06
4.92867e+06

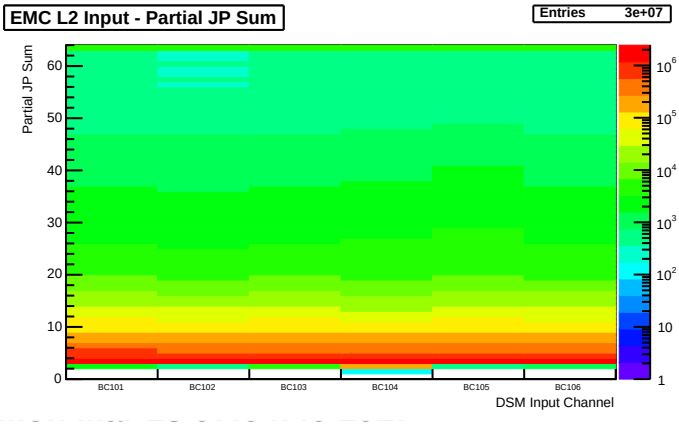

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

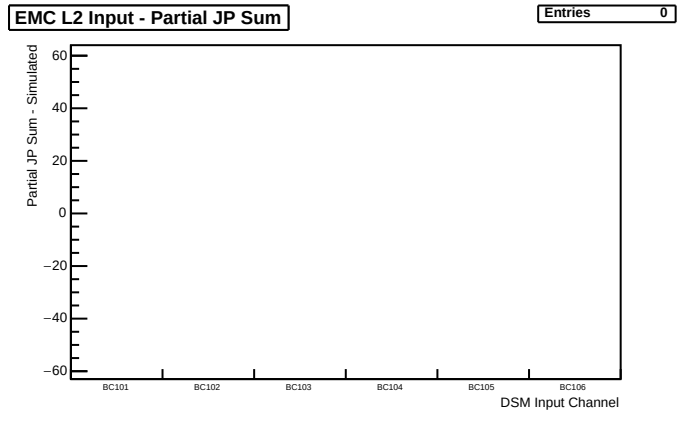

EMC L2 Input - JPY/JPB bits
Entries 3e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11625
8156
11013
9146
11761
10099
28880
23205
27656
23740
30221
27876
50927
45163
48901
43433
52855
50037
4.90867e+06
4.92348e+06
4.91245e+06
4.92388e+06
4.90558e+06
4.91109e+06

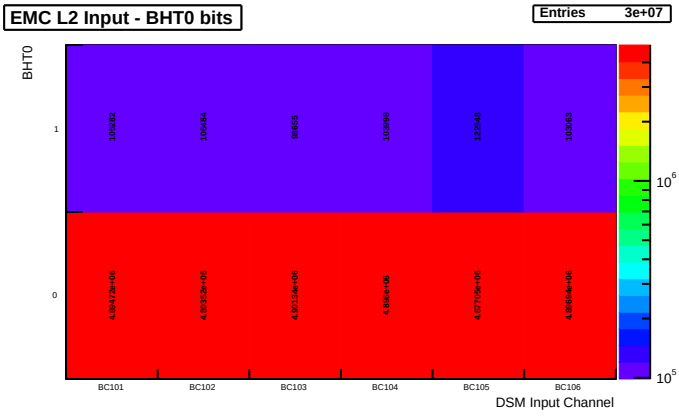

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

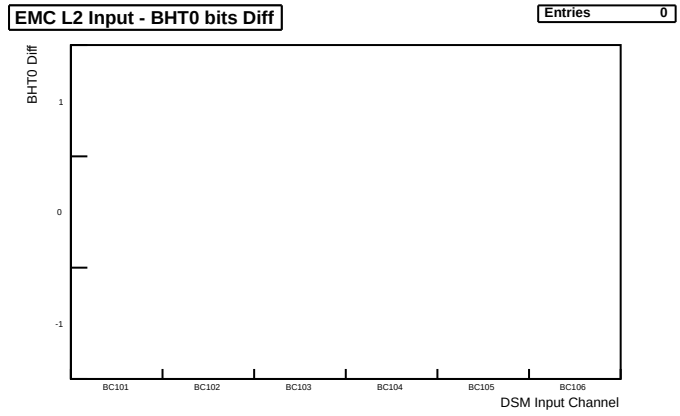

EMC L2 Input - JPZ/JPC bits
Entries 3e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13152
8952
12614
11585
13796
12581
30398
23897
28762
28206
34194
28944
52309
44883
49249
49438
58905
49982
4.90424e+06
4.92227e+06
4.90958e+06
4.91077e+06
4.89814e+06
4.90809e+06

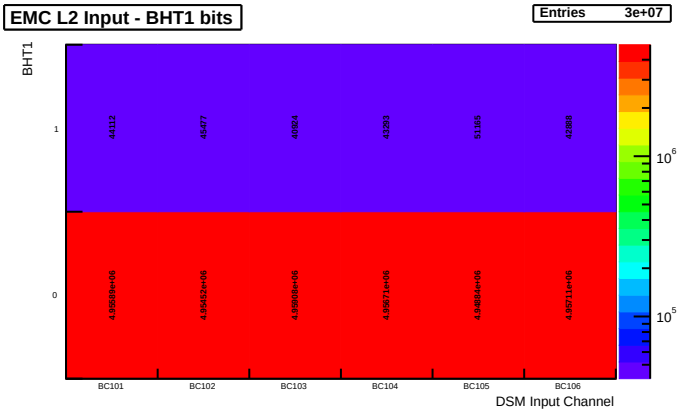

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

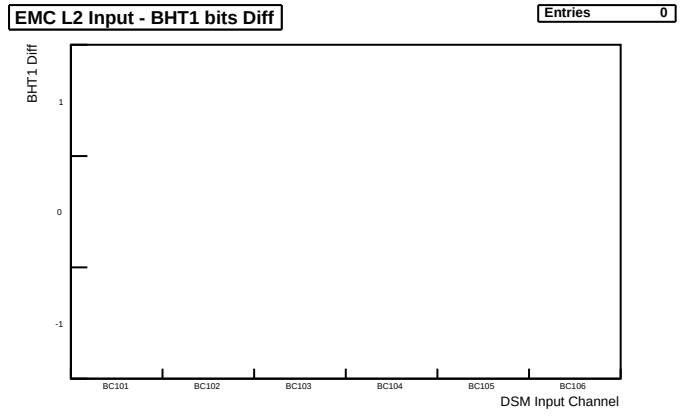

EMC L2 Input - Partial JP Sum
Entries 3e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

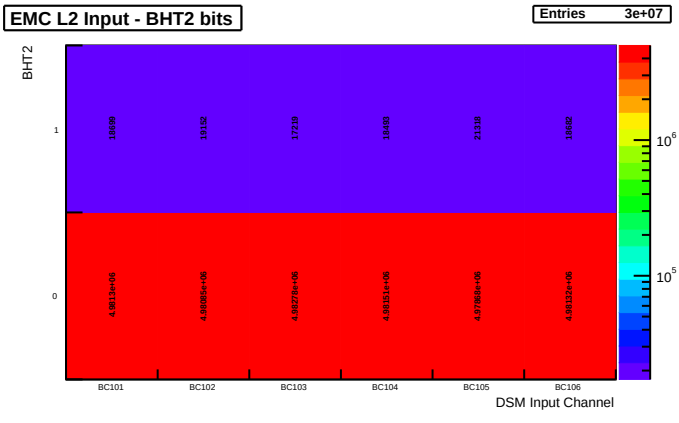

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

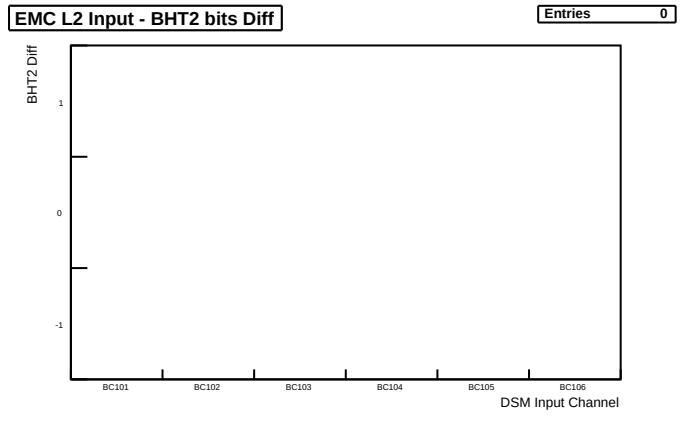

EMC L2 Input - BHT0 bits
Entries 3e+07
BHT0
1
0
105282
106494
98655
103998
122948
103663
4.89472e+06
4.89352e+06
4.90134e+06
4.896e+06
4.87705e+06
4.89694e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

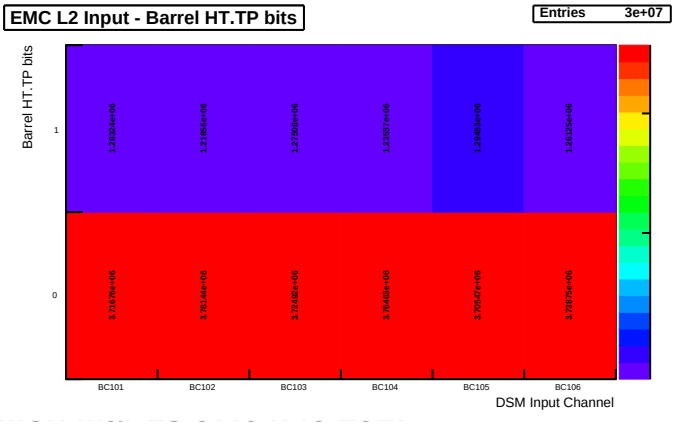

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

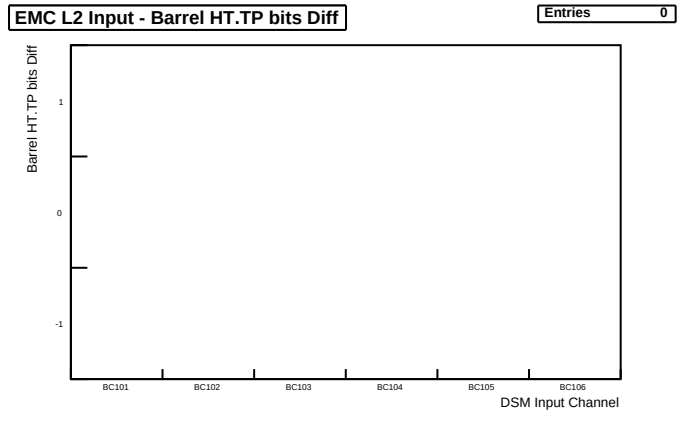

EMC L2 Input - BHT1 bits
Entries 3e+07
BHT1
1
0
44112
45477
40924
43293
51165
42888
4.95539e+06
4.95452e+06
4.95908e+06
4.95671e+06
4.94884e+06
4.95711e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

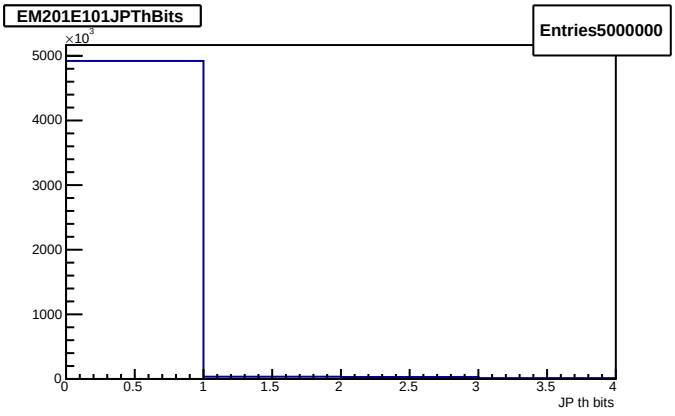

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

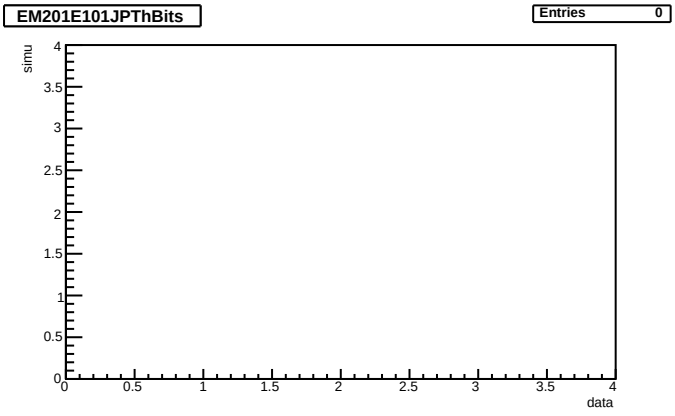

EMC L2 Input - BHT2 bits
Entries 3e+07
BHT2
1
0
18639
19152
17219
18493
21318
18832
4.98134e+06
4.98055e+06
4.98278e+06
4.98151e+06
4.97868e+06
4.98132e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

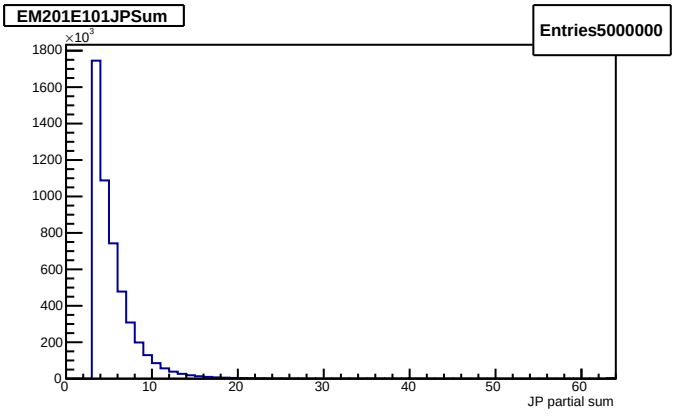

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

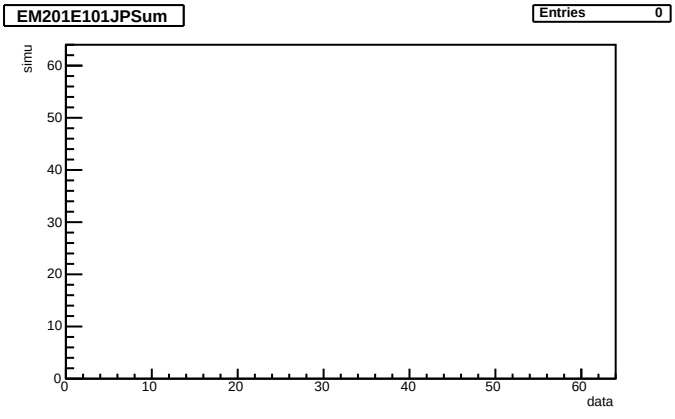

EMC L2 Input - Barrel HT.TP bits
Entries 3e+07
Barrel HT.TP bits
1
0
1.26324e+06
1.21356e+06
1.27569e+06
1.23537e+06
1.29453e+06
1.26125e+06
3.71676e+06
3.78144e+06
3.72492e+06
3.76463e+06
3.70547e+06
3.73875e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

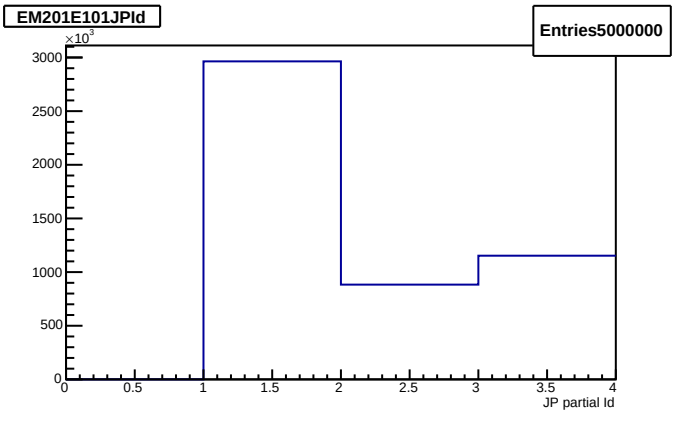

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

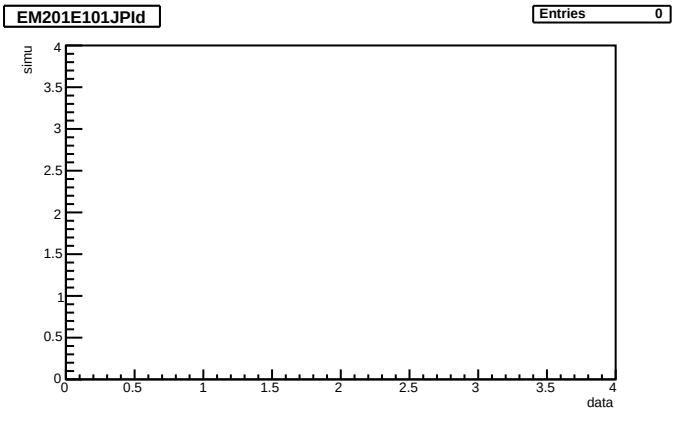

EM201E101JPThBits
Entries5000000
×10^3
JP th bits

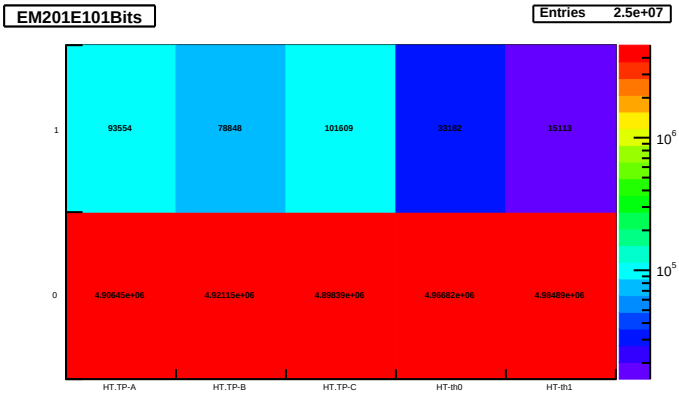

EM201E101JPThBits
Entries 0
simu
data

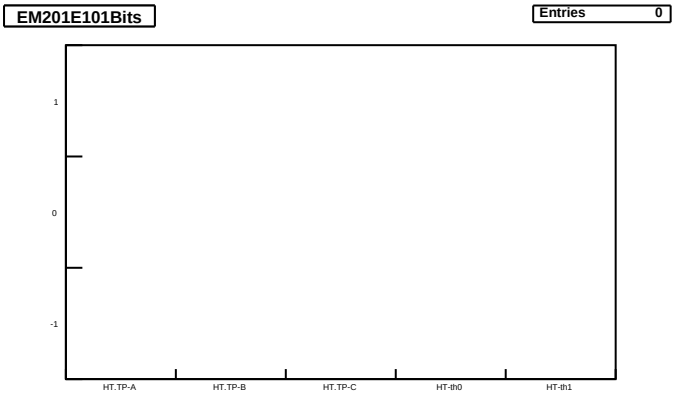

EM201E101JPSum
Entries5000000
×10^3
JP partial sum

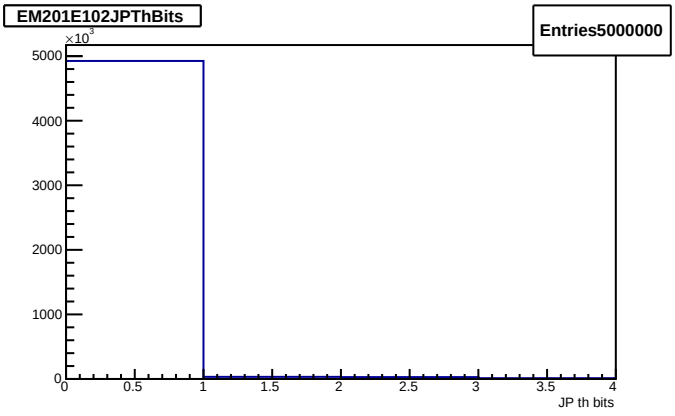

EM201E101JPSum
Entries 0
simu
data

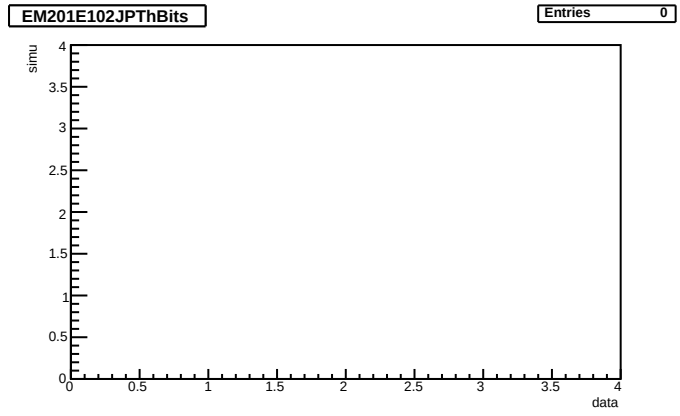

EM201E101JPId
Entries5000000
×10^3
JP partial Id

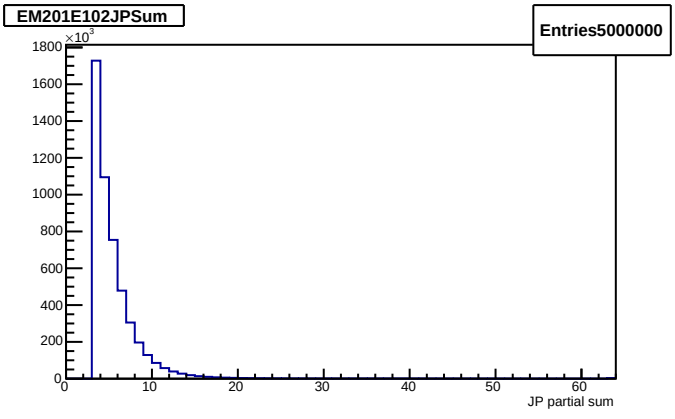

EM201E101JPId
Entries 0
simu
data

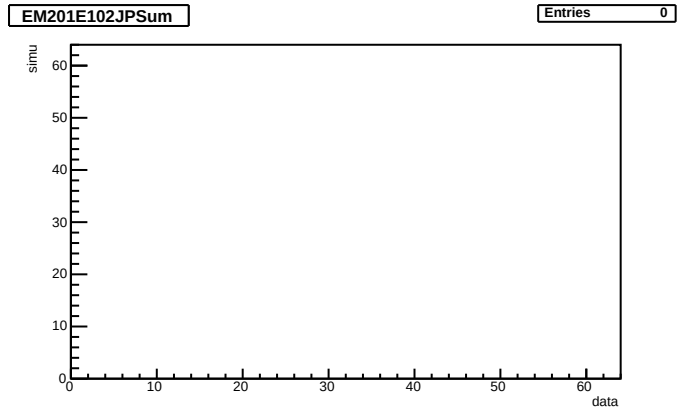

EM201E101Bits
Entries 2.5e+07
93554
78848
101609
33182
15113
4.90645e+06
4.92115e+06
4.89839e+06
4.96682e+06
4.98489e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

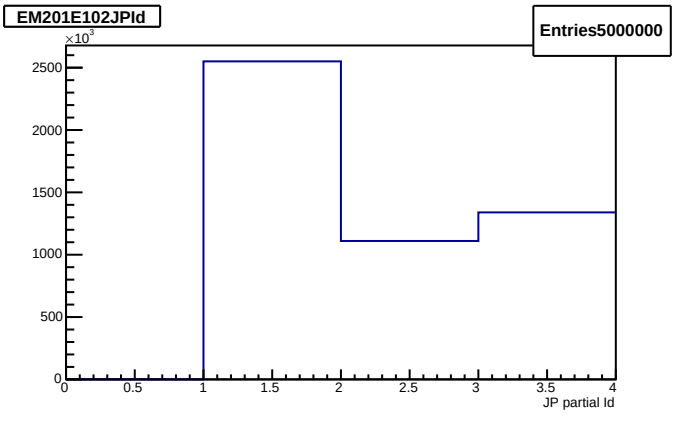

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

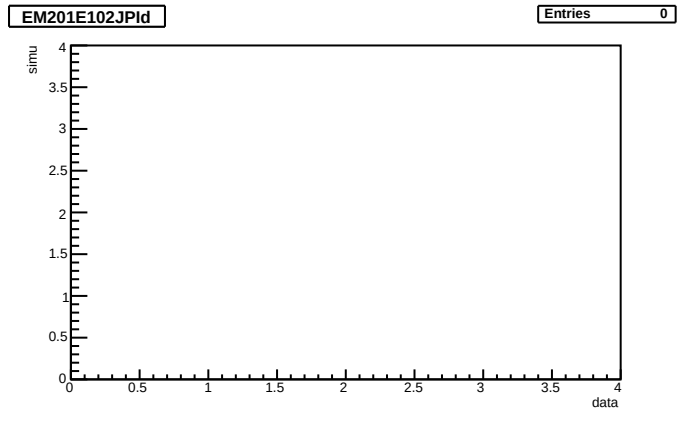

EM201E102JPThBits
Entries5000000
×10^3
JP th bits

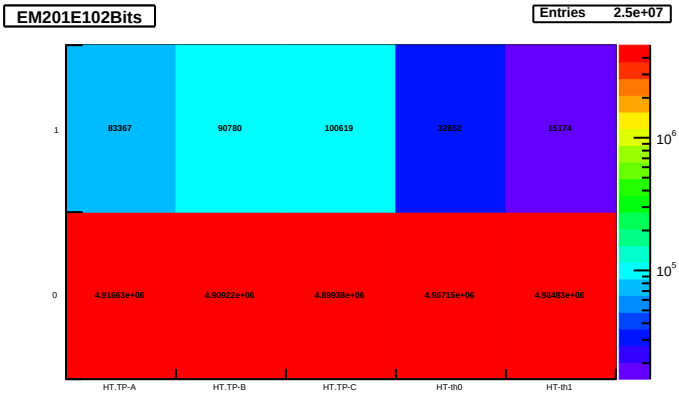

EM201E102JPThBits
Entries 0
simu
data

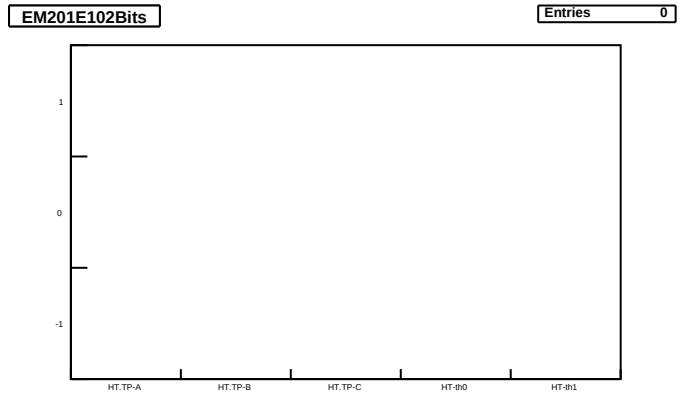

EM201E102JPSum
Entries5000000
×10^3
JP partial sum

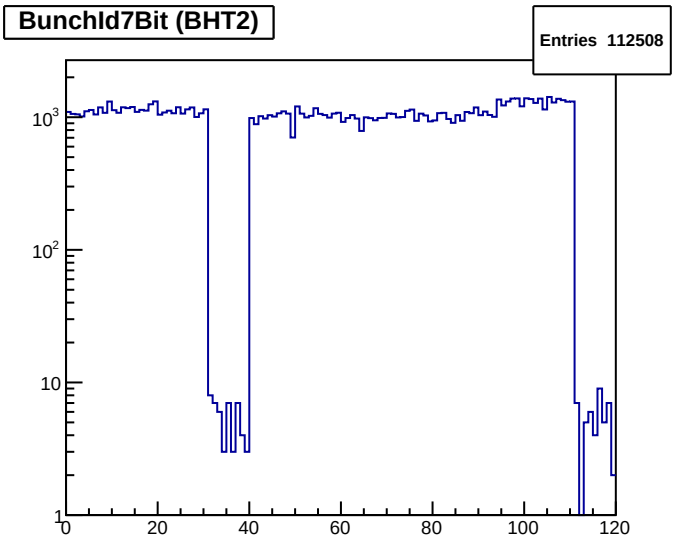

EM201E102JPSum
Entries 0
simu
data

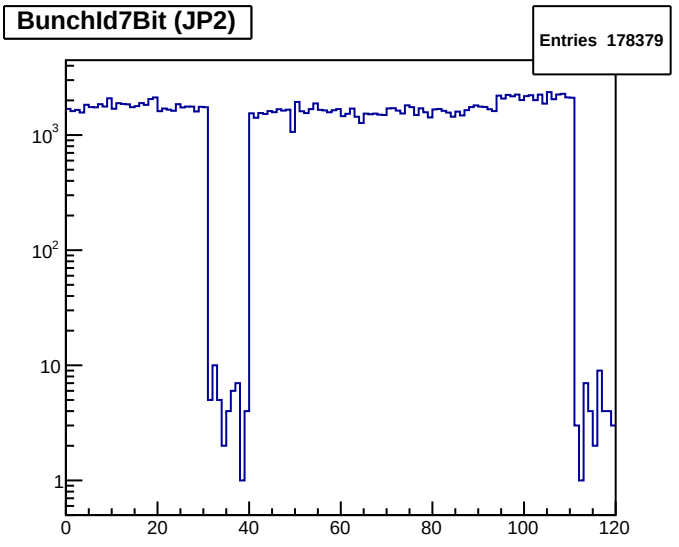

EM201E102JPId
Entries5000000
×10^3
JP partial Id

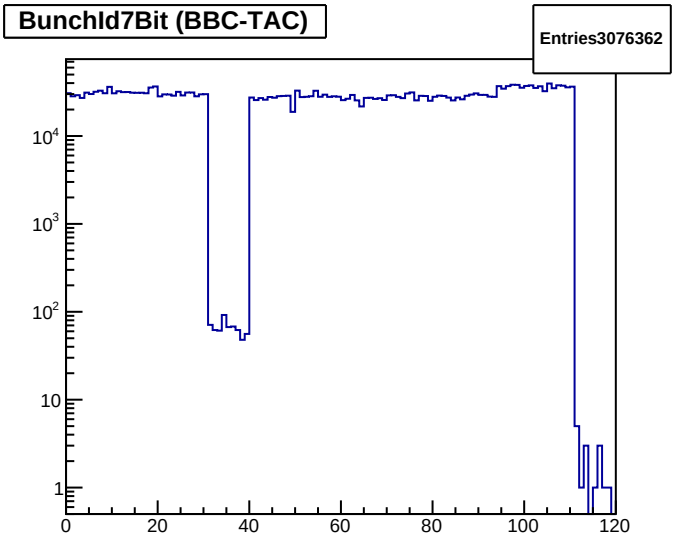

EM201E102JPId
Entries 0
simu
data

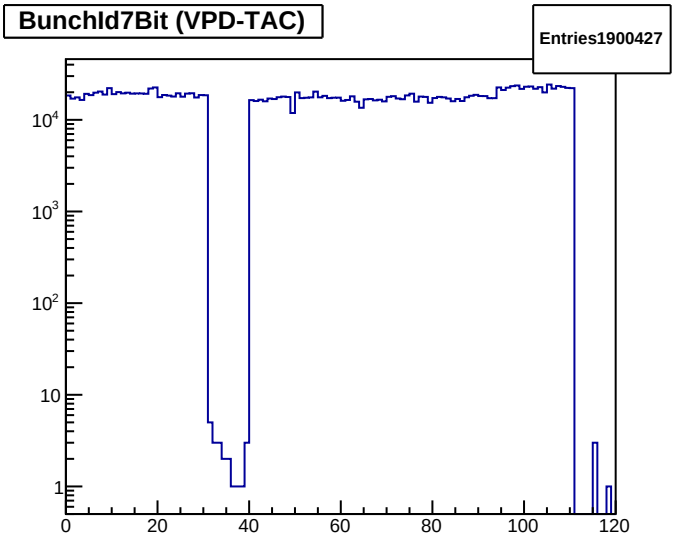

EM201E102Bits
Entries 2.5e+07
83367
90780
100619
32852
15174
4.91663e+06
4.90922e+06
4.89938e+06
4.96715e+06
4.98483e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

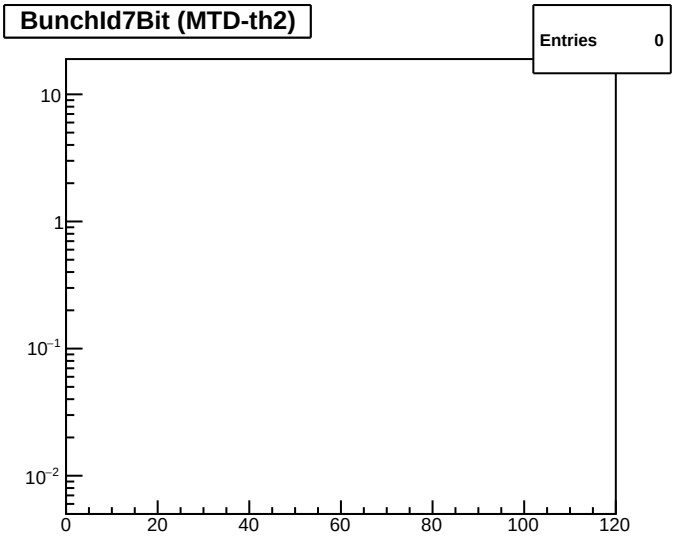

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

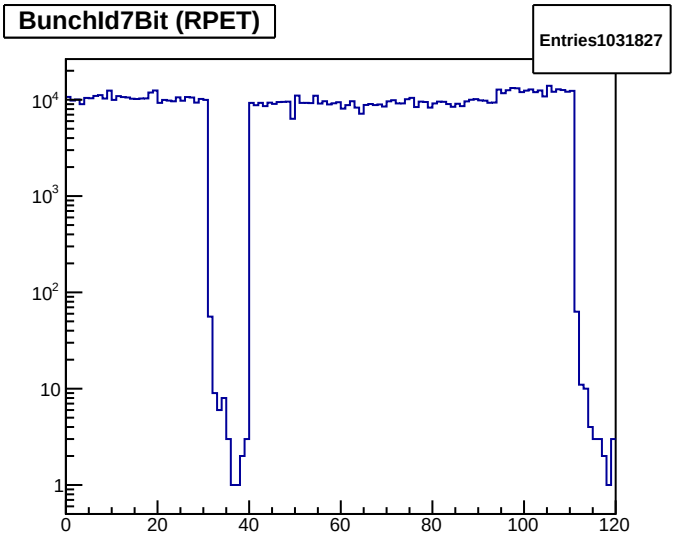

BunchId7Bit (BHT2)
Entries 112508

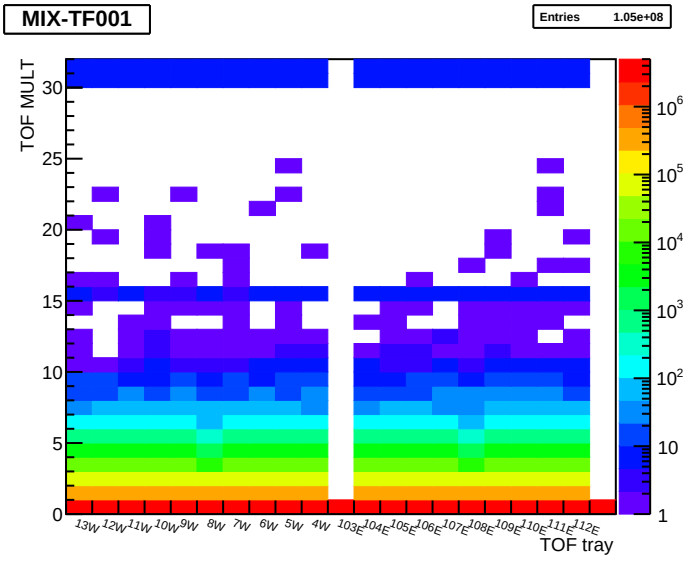

BunchId7Bit (JP2)
Entries 178379

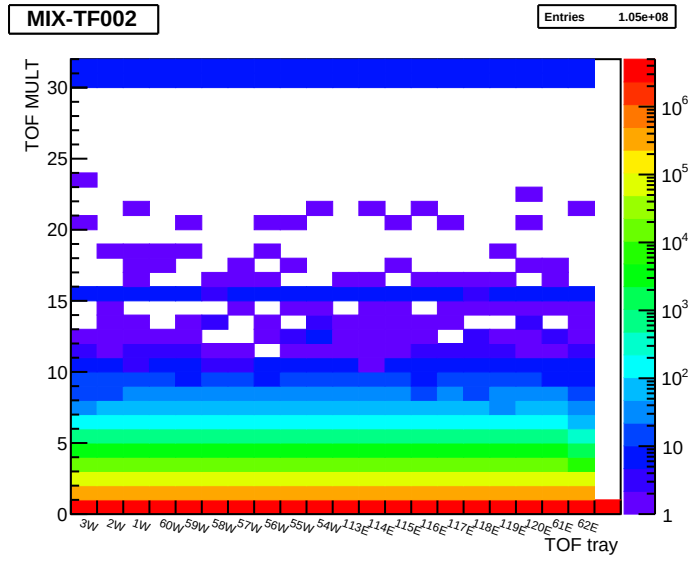

BunchId7Bit (BBC-TAC)
Entries3076362

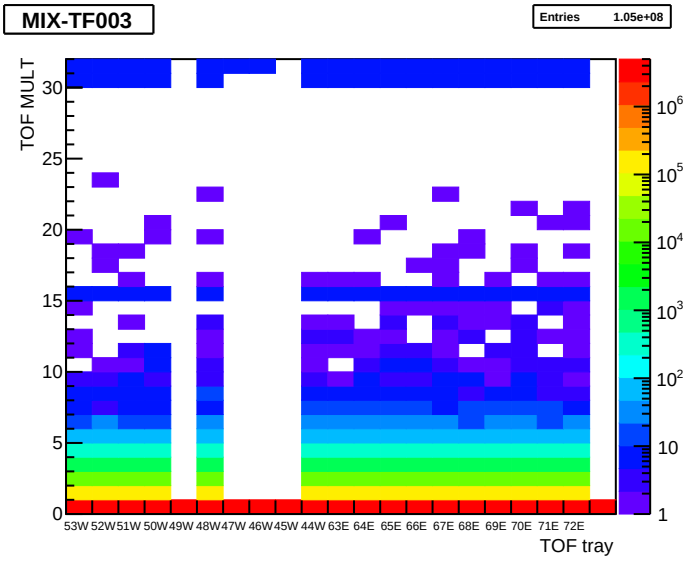

BunchId7Bit (VPD-TAC)
Entries1900427

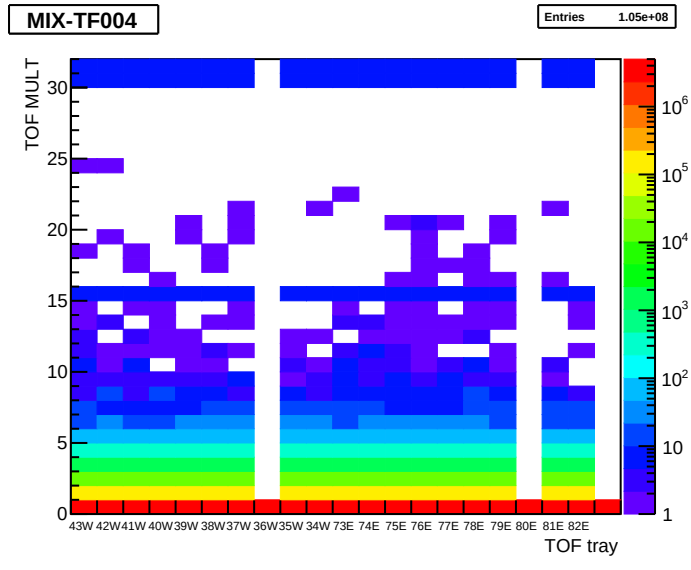

BunchId7Bit (MTD-th2)
Entries 0

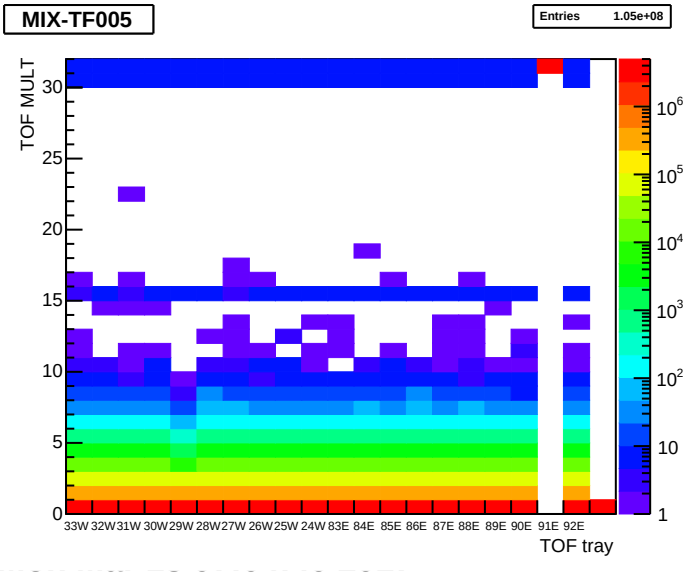

BunchId7Bit (RPET)
Entries1031827

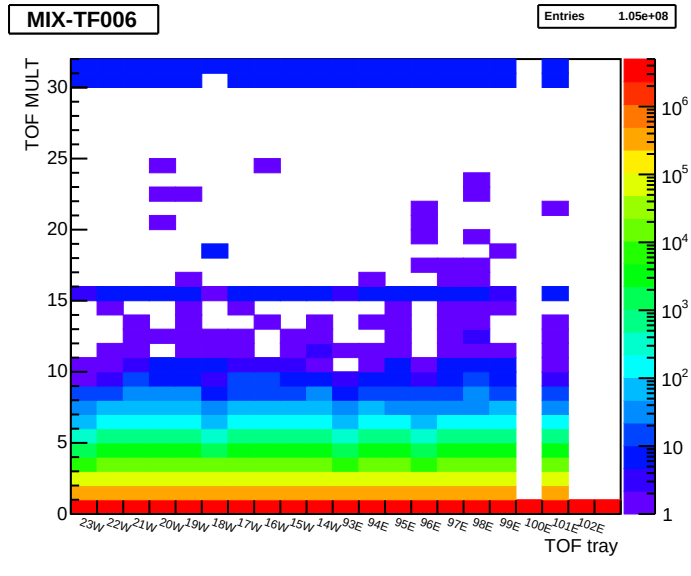

MIX-TF001
Entries 1.05e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

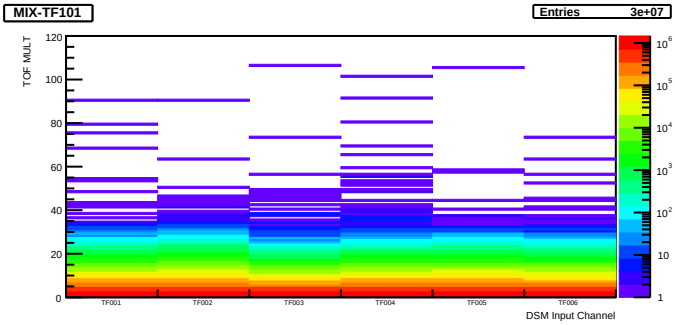

MIX-TF002
Entries 1.05e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

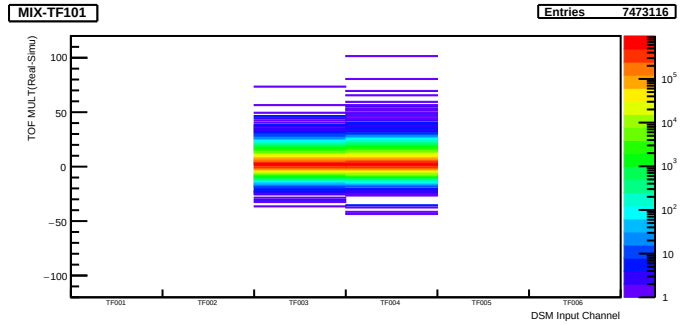

MIX-TF003
Entries 1.05e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

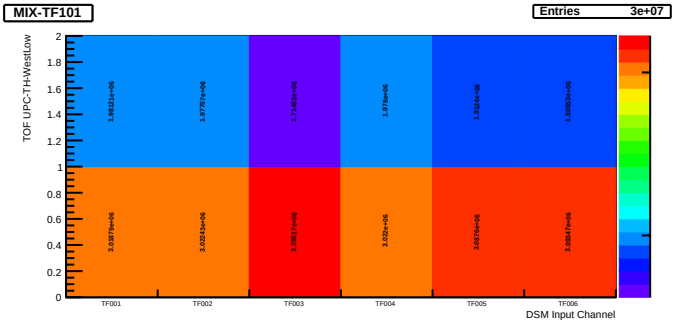

MIX-TF004
Entries 1.05e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

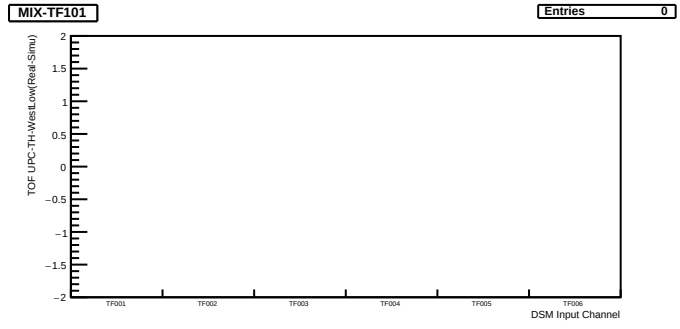

MIX-TF005
Entries 1.05e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

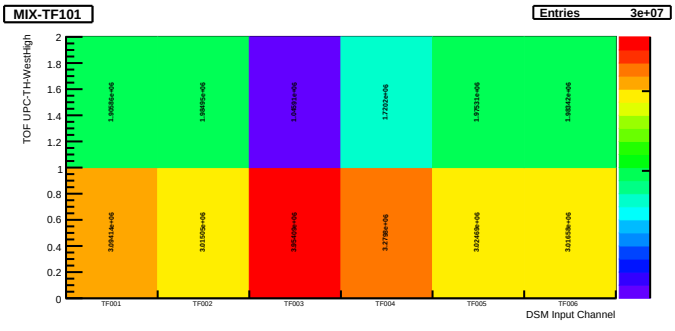

MIX-TF006
Entries 1.05e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

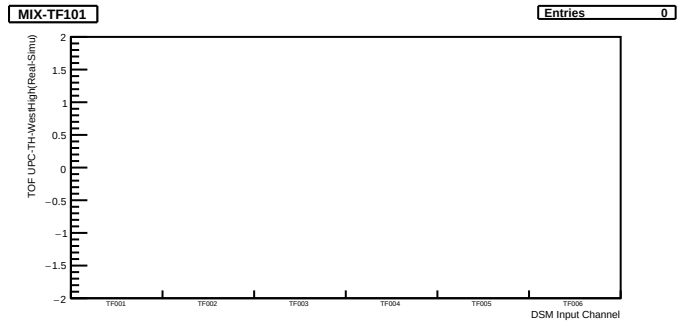

MIX-TF101
Entries 3e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

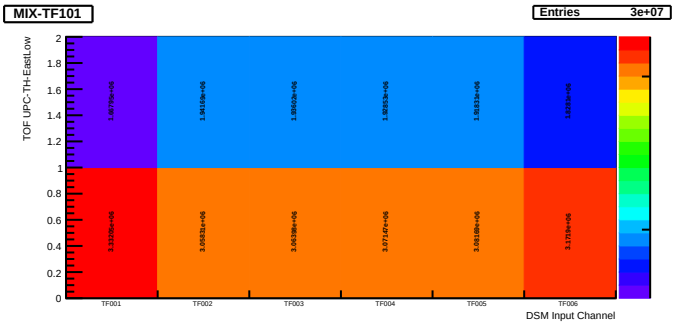

MIX-TF101
Entries 7473116
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

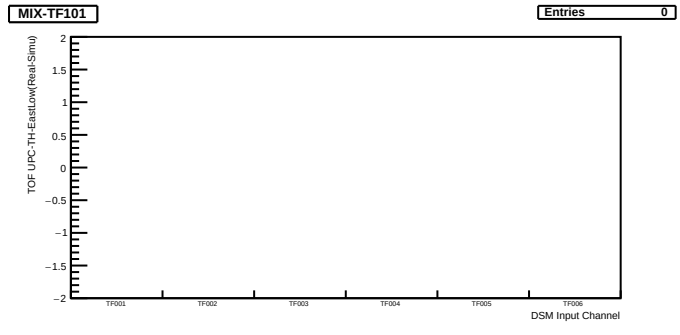

MIX-TF101
Entries 3e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

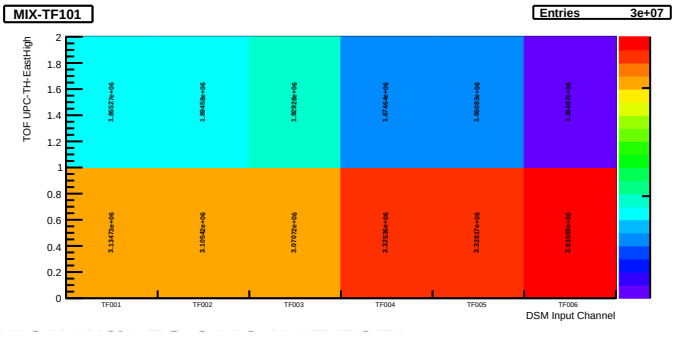

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

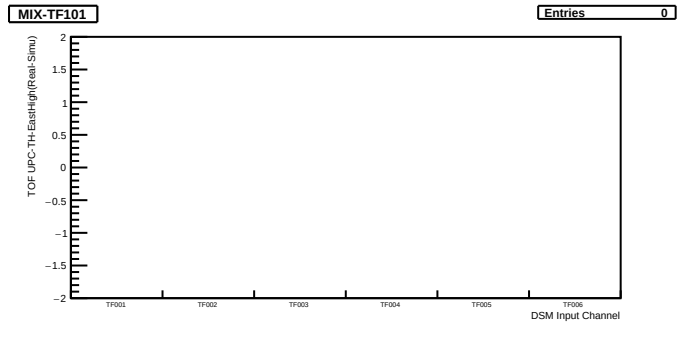

MIX-TF101
Entries 3e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

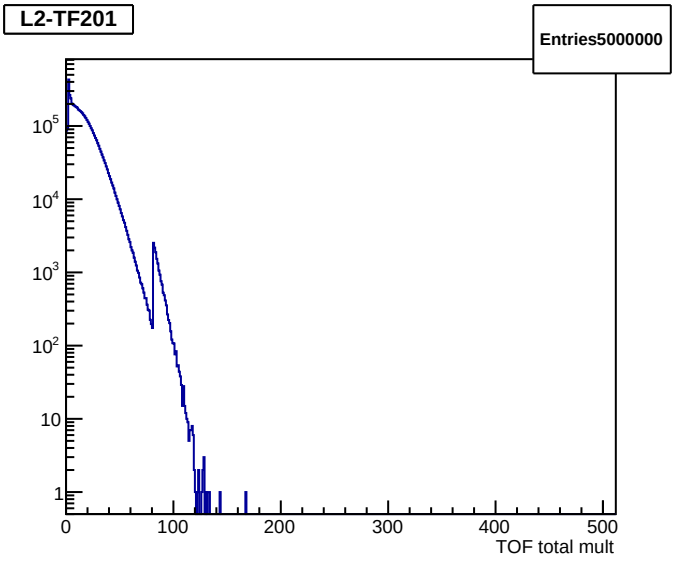

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

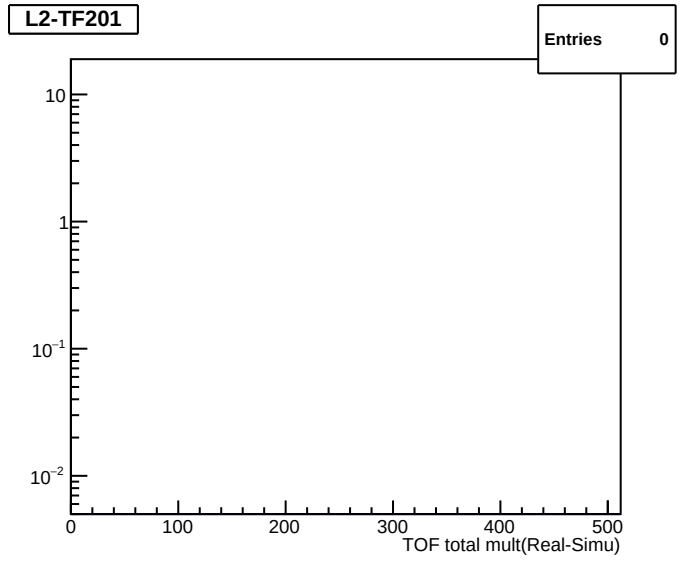

MIX-TF101
Entries 3e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

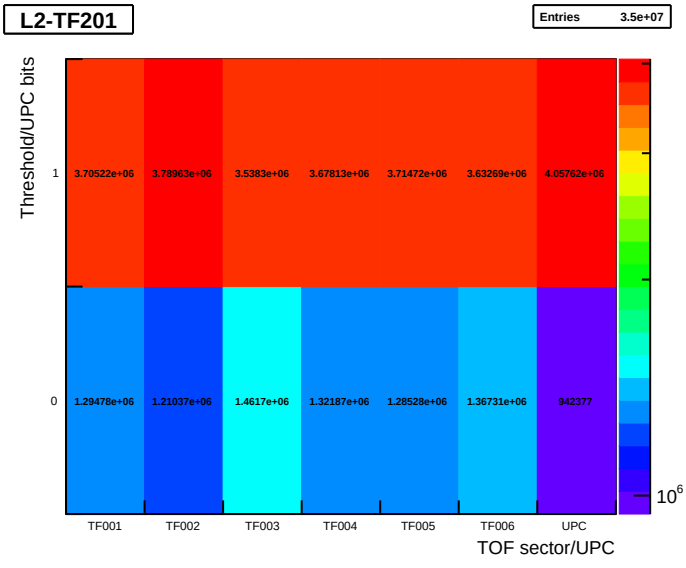

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

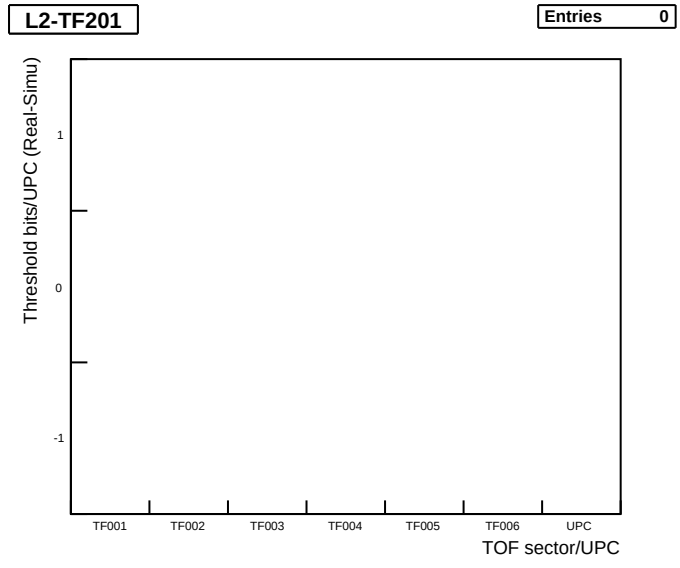

MIX-TF101
Entries 3e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

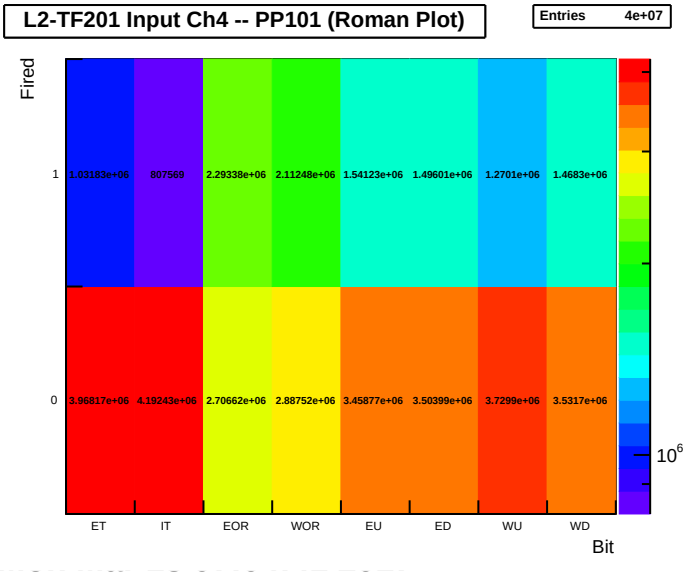

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

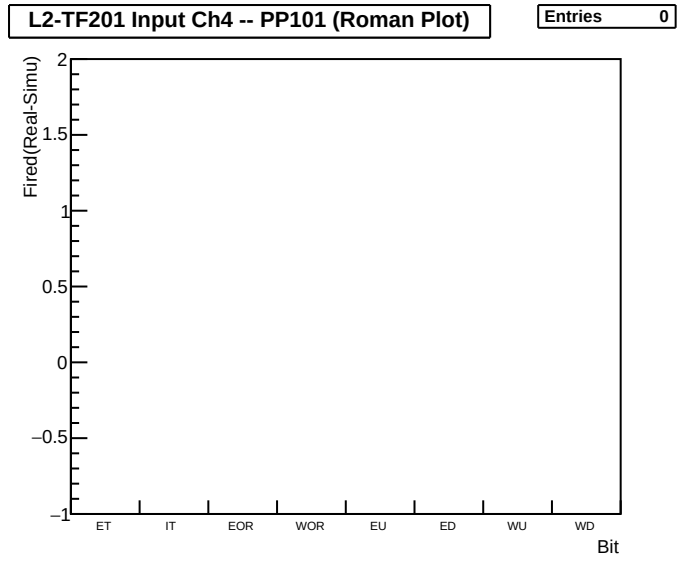

L2-TF201
Entries5000000
TOF total mult

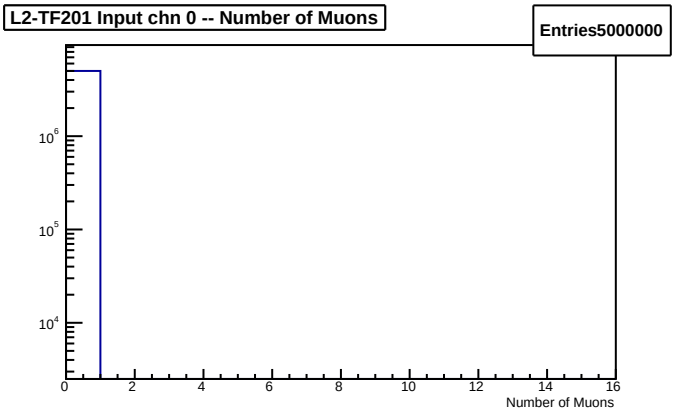

L2-TF201
Entries 0
TOF total mult(Real-Simu)

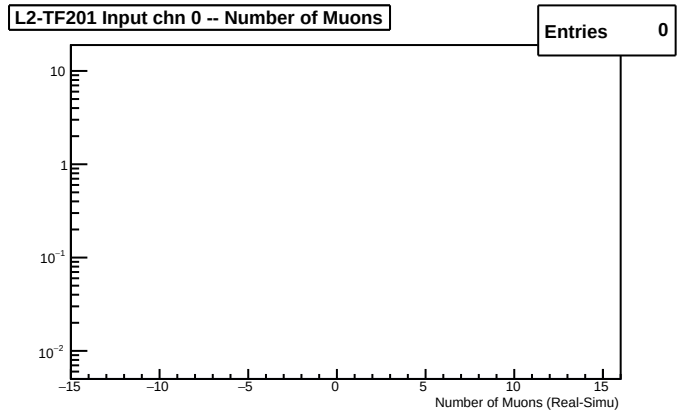

L2-TF201
Entries 3.5e+07
Threshold/UPC bits
3.70522e+06
3.78963e+06
3.5383e+06
3.67813e+06
3.71472e+06
3.63269e+06
4.05762e+06
1.29478e+06
1.21037e+06
1.4617e+06
1.32187e+06
1.28528e+06
1.36731e+06
942377
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

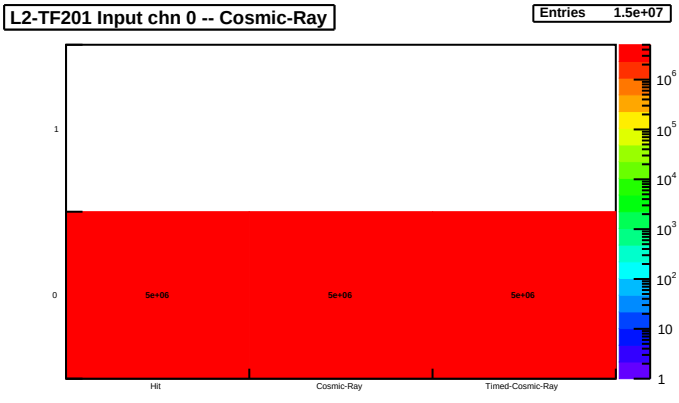

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

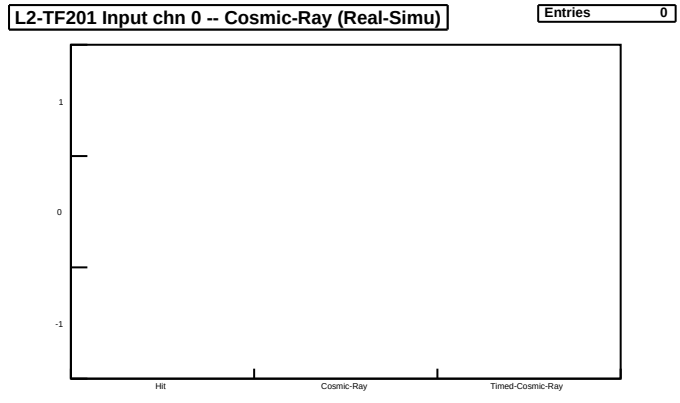

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4e+07
Fired
1.03183e+06
807569
2.29338e+06
2.11248e+06
1.54123e+06
1.49601e+06
1.2701e+06
1.4683e+06
3.96817e+06
4.19243e+06
2.70662e+06
2.88752e+06
3.45877e+06
3.50399e+06
3.7299e+06
3.5317e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

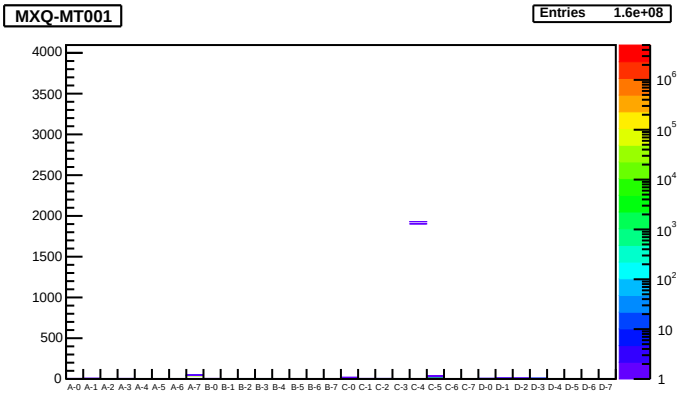

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

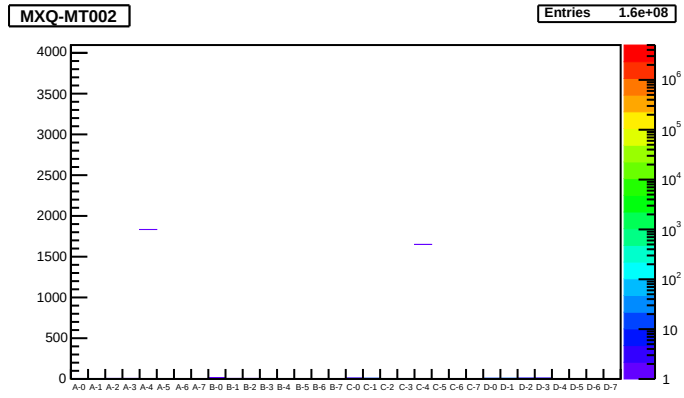

L2-TF201 Input chn 0 -- Number of Muons
Entries5000000
Number of Muons

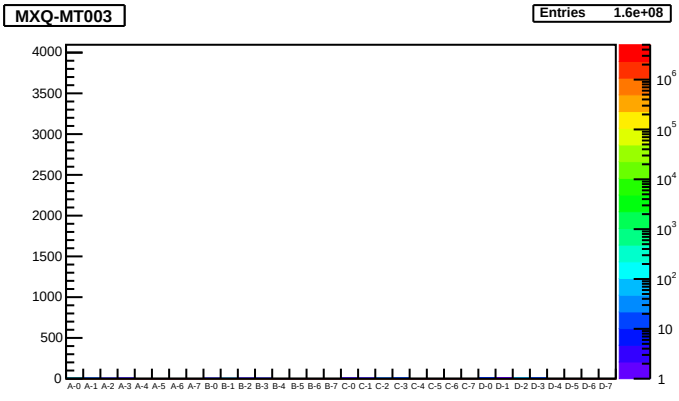

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

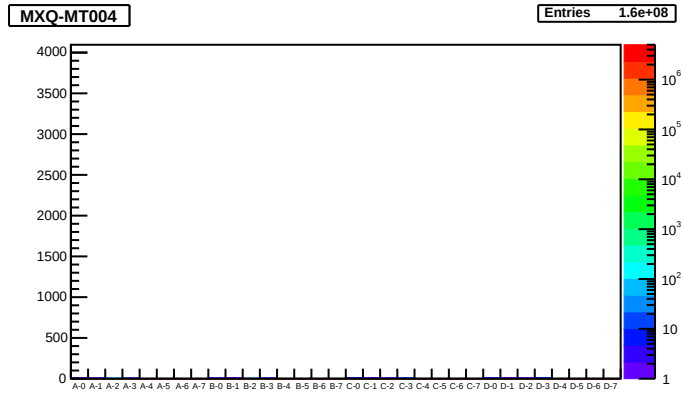

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.5e+07
5e+06
5e+06
5e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

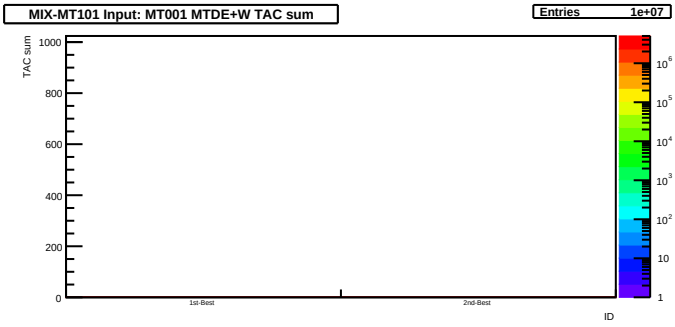

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

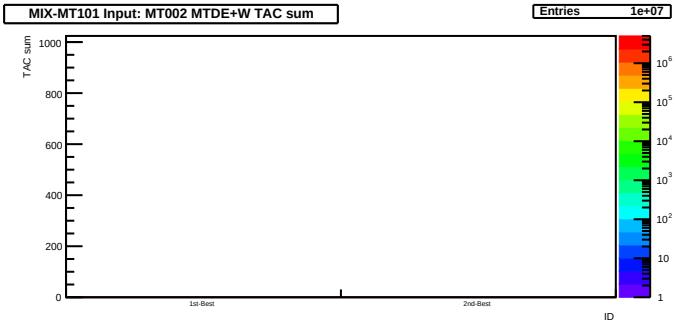

MXQ-MT001
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

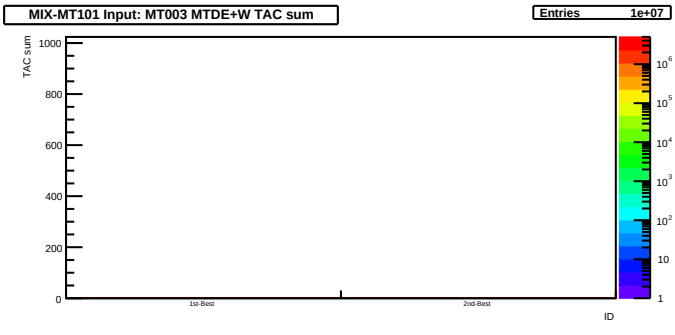

MXQ-MT002
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

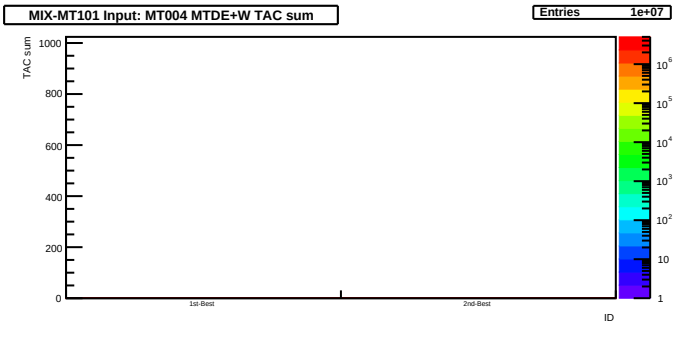

MXQ-MT003
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

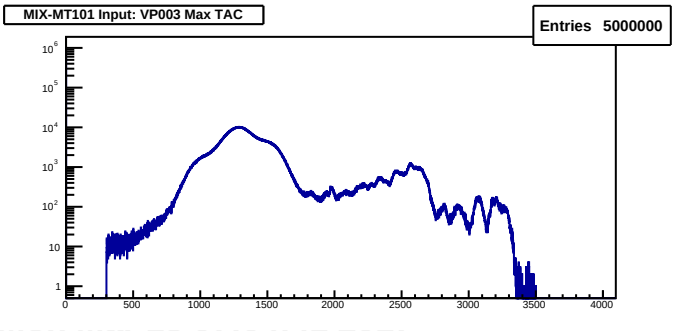

MXQ-MT004
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

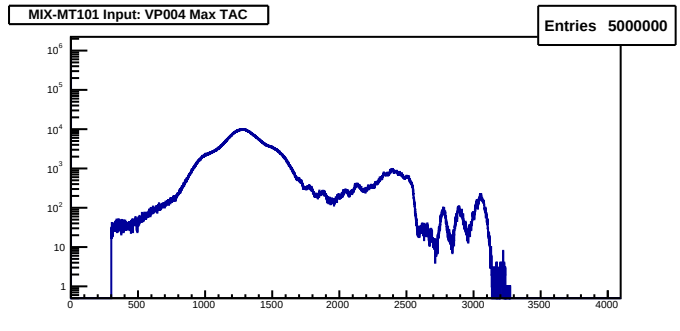

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

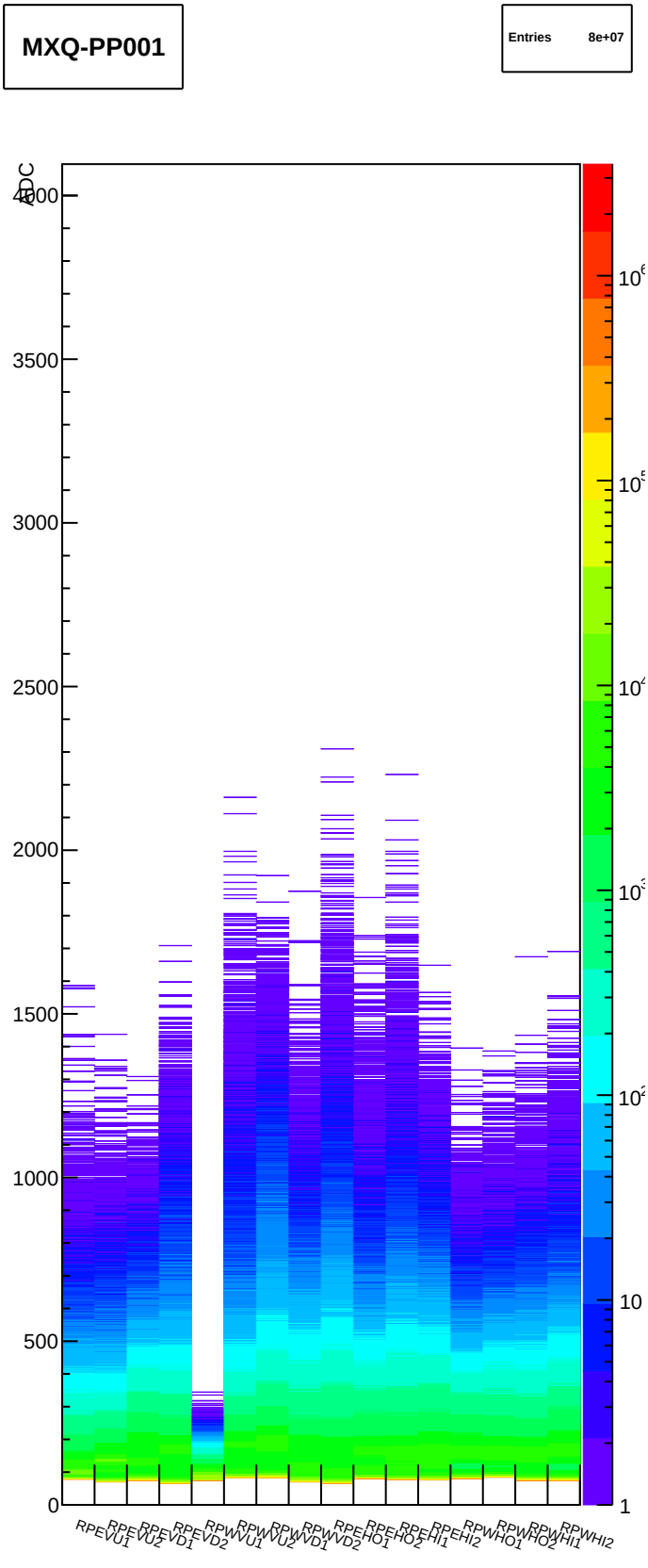

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

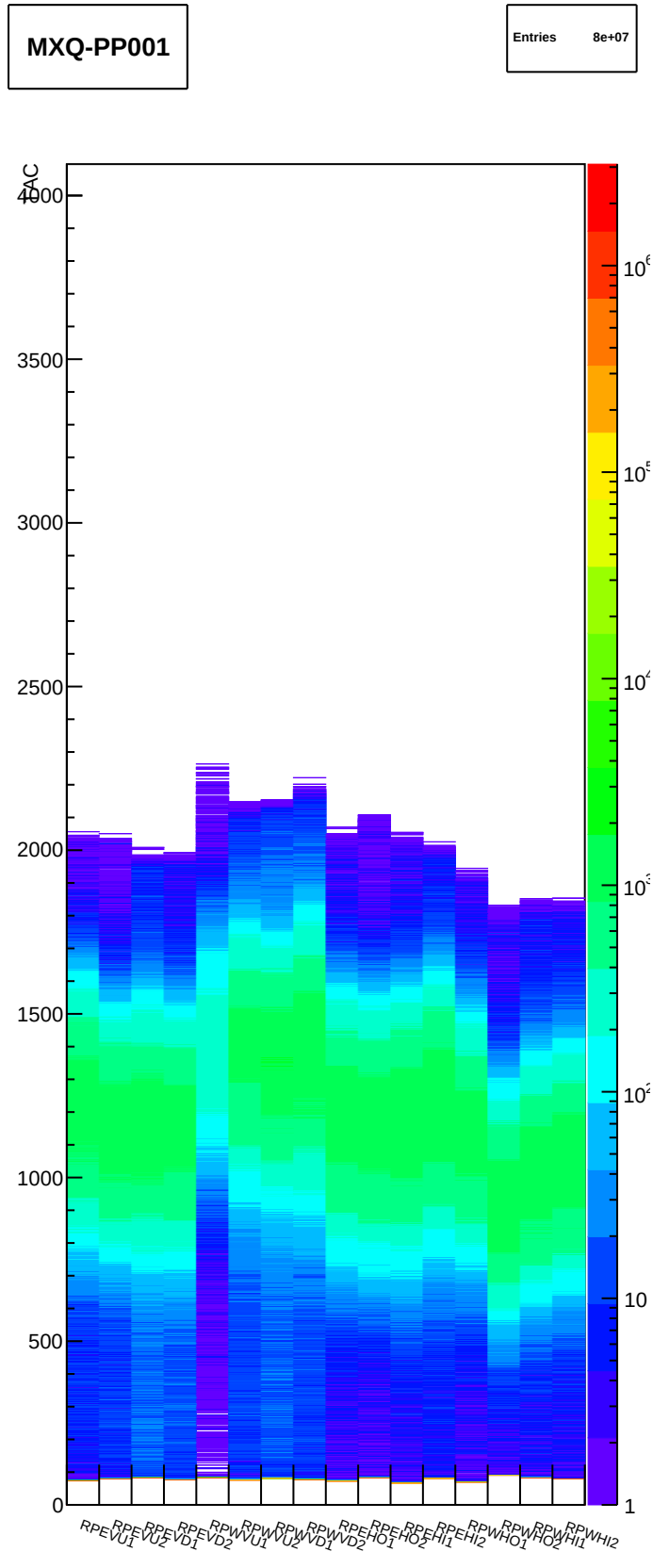

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

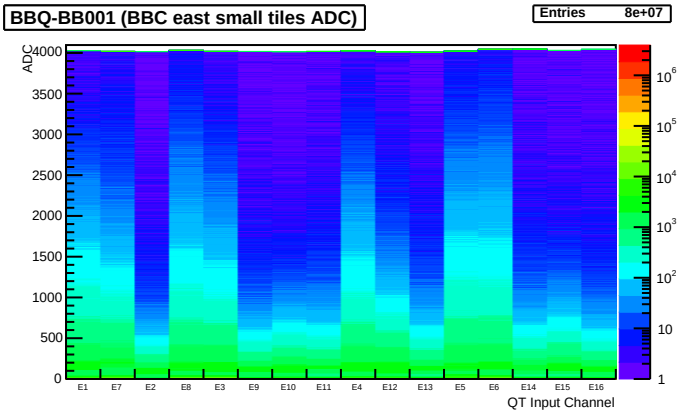

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1e+07
TAC sum
1st-Best
2nd-Best
ID

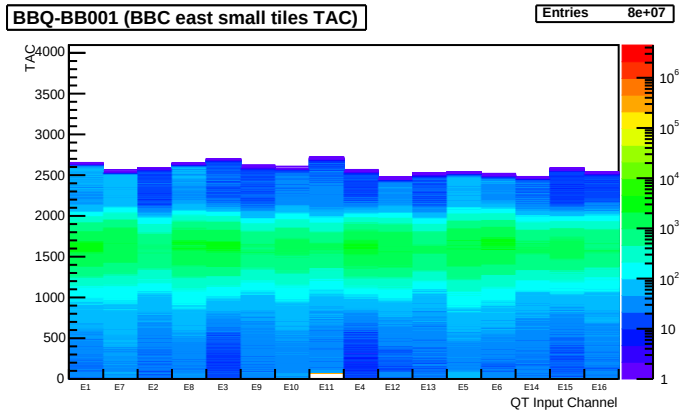

MIX-MT101 Input: VP003 Max TAC
Entries 5000000

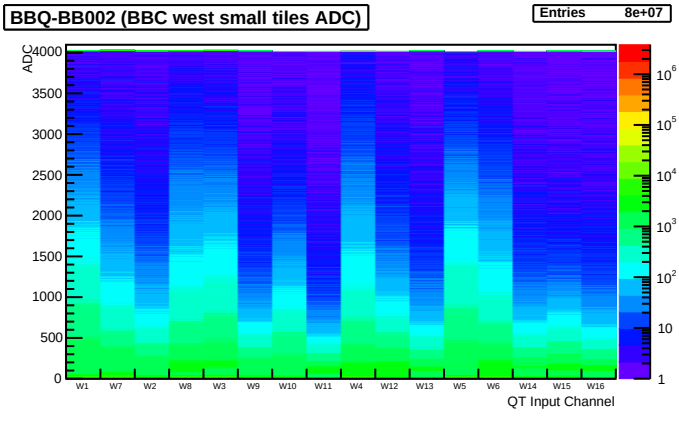

MIX-MT101 Input: VP004 Max TAC
Entries 5000000

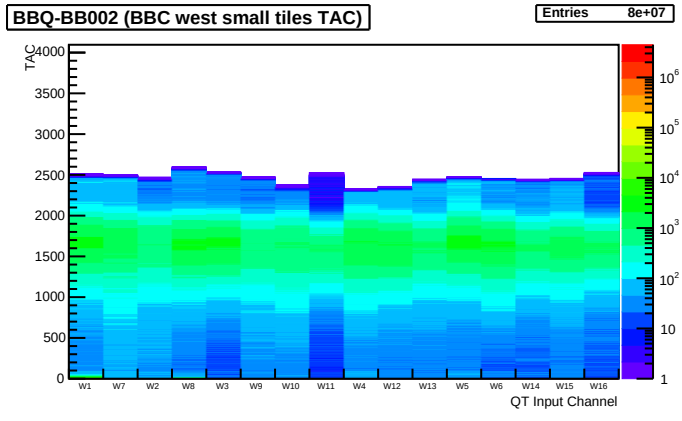

MXQ-PP001
Entries 8e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

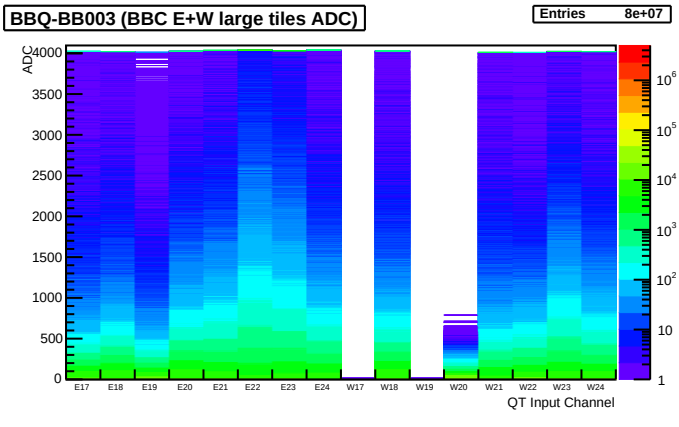

MXQ-PP001
Entries 8e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

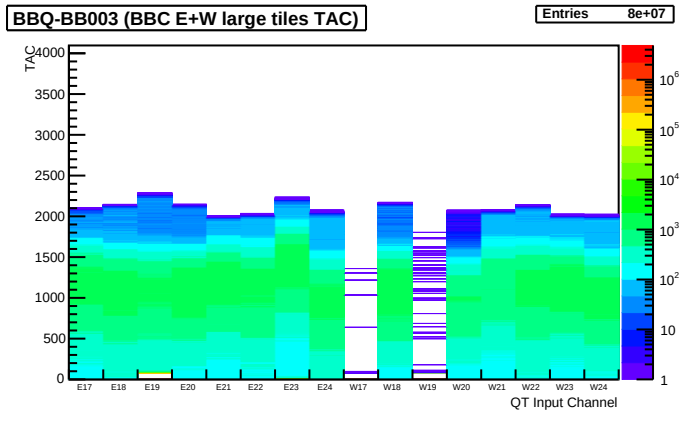

BBQ-BB001 (BBC east small tiles ADC)
Entries 8e+07
ADC
QT Input Channel

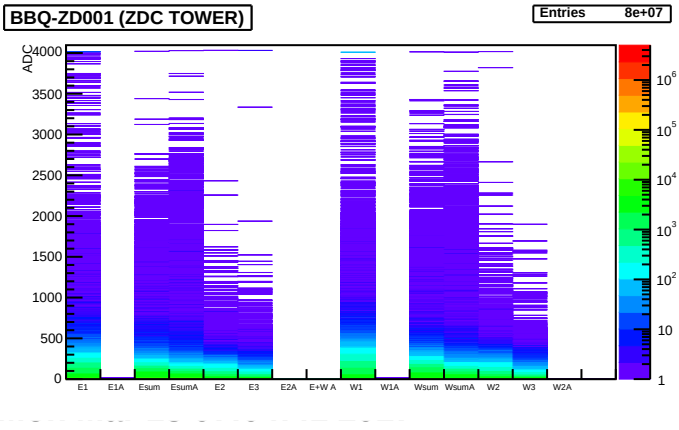

BBQ-BB001 (BBC east small tiles TAC)
Entries 8e+07
TAC
QT Input Channel

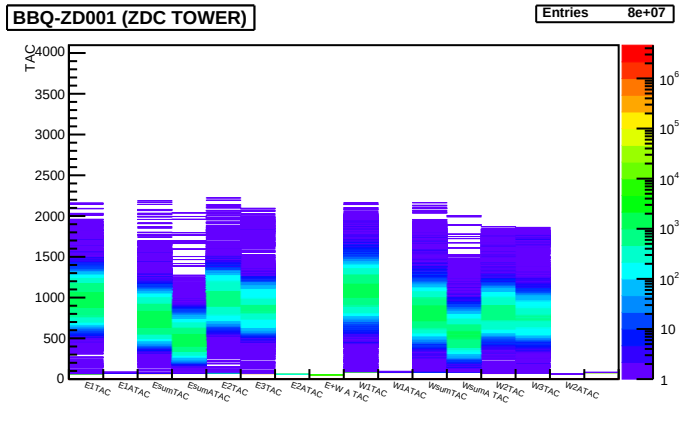

BBQ-BB002 (BBC west small tiles ADC)
Entries 8e+07
ADC
QT Input Channel

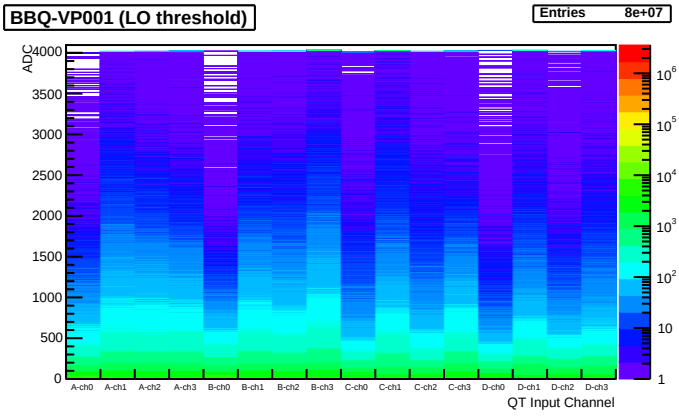

BBQ-BB002 (BBC west small tiles TAC)
Entries 8e+07
TAC
QT Input Channel

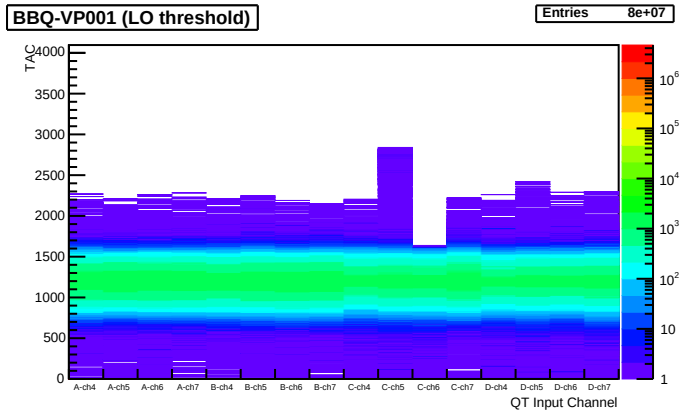

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8e+07
ADC
QT Input Channel

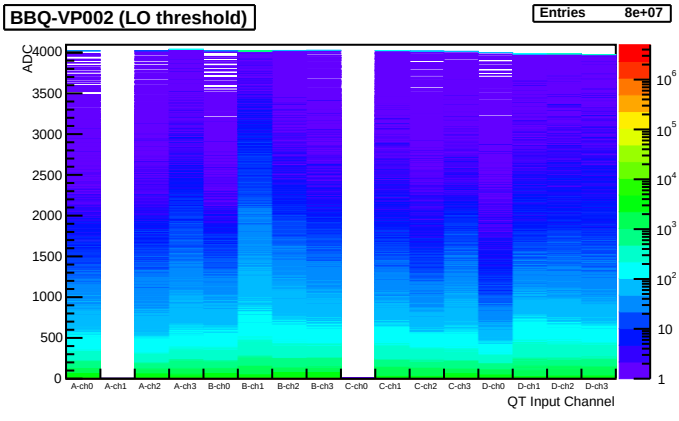

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8e+07
TAC
QT Input Channel

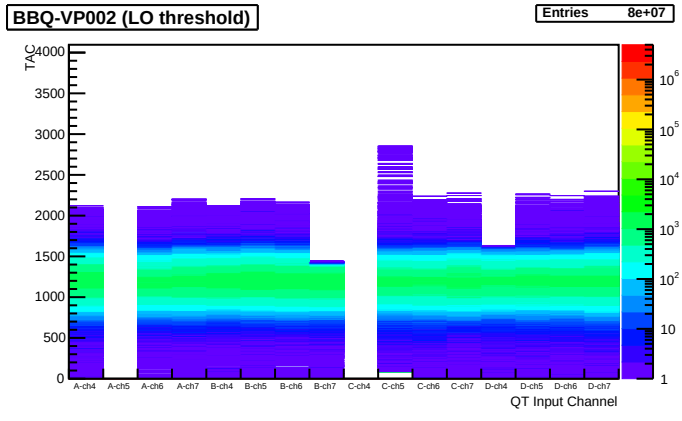

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
ADC

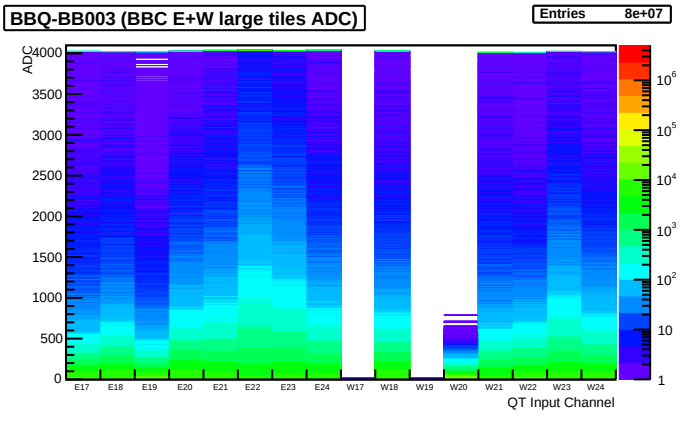

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
TAC

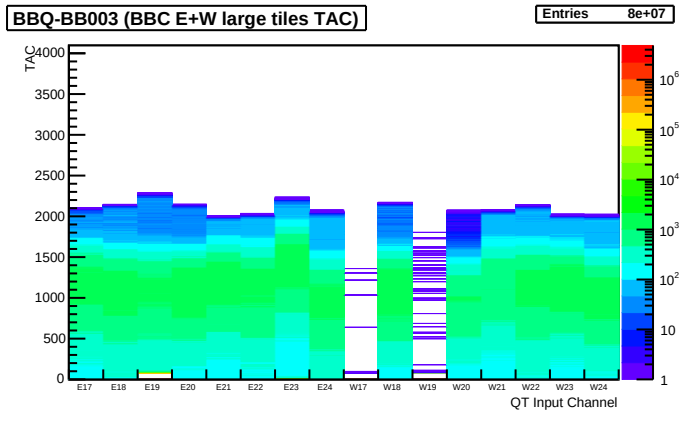

BBQ-VP001 (LO threshold)
Entries 8e+07
ADC
QT Input Channel

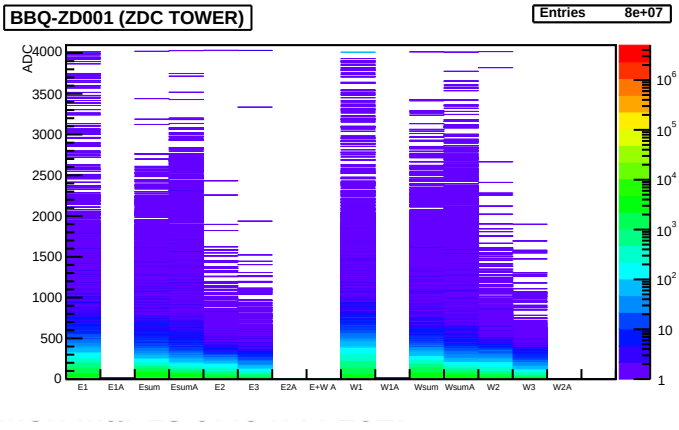

BBQ-VP001 (LO threshold)
Entries 8e+07
TAC
QT Input Channel

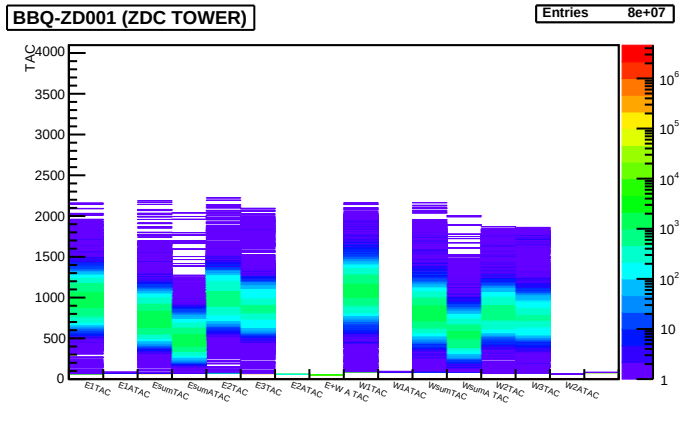

BBQ-VP002 (LO threshold)
Entries 8e+07
ADC
QT Input Channel

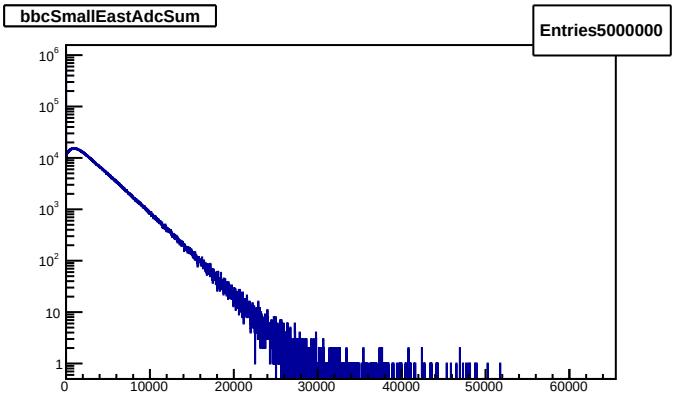

BBQ-VP002 (LO threshold)
Entries 8e+07
TAC
QT Input Channel

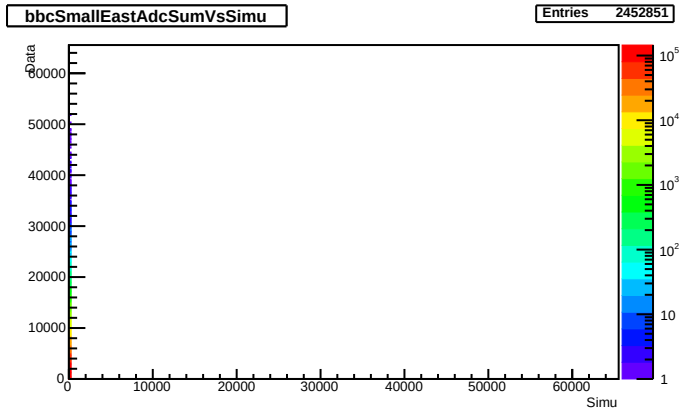

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8e+07
ADC
QT Input Channel

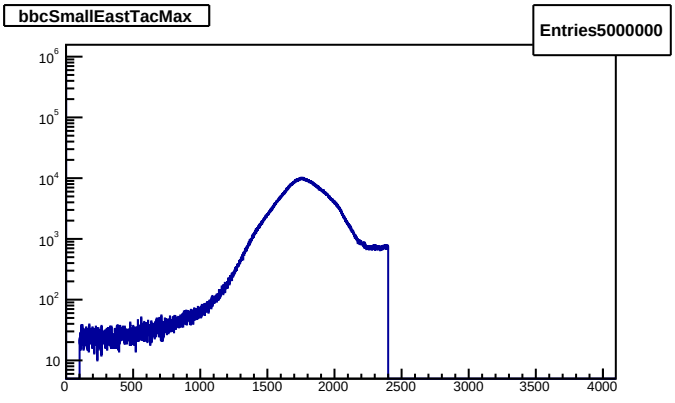

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8e+07
TAC
QT Input Channel

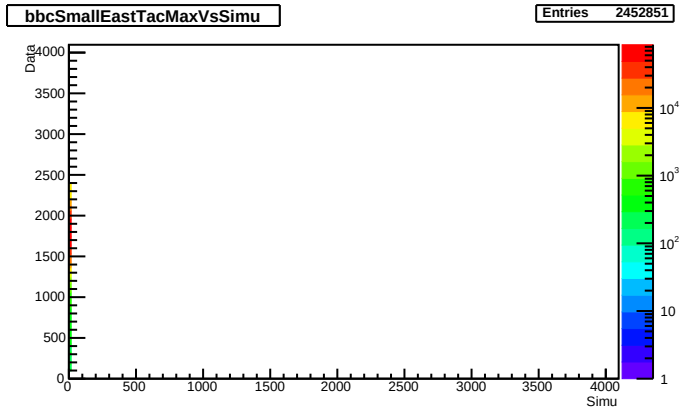

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
ADC

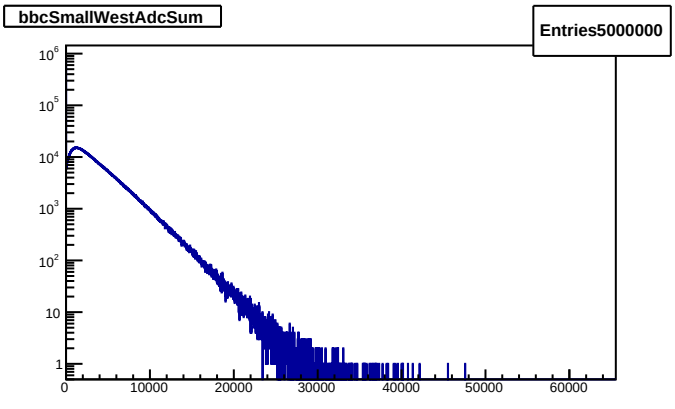

BBQ-ZD001 (ZDC TOWER)
Entries 8e+07
TAC

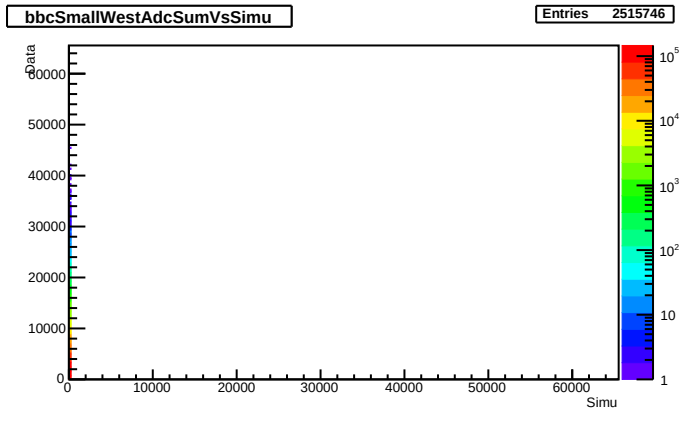

bbcSmallEastAdcSum
Entries5000000

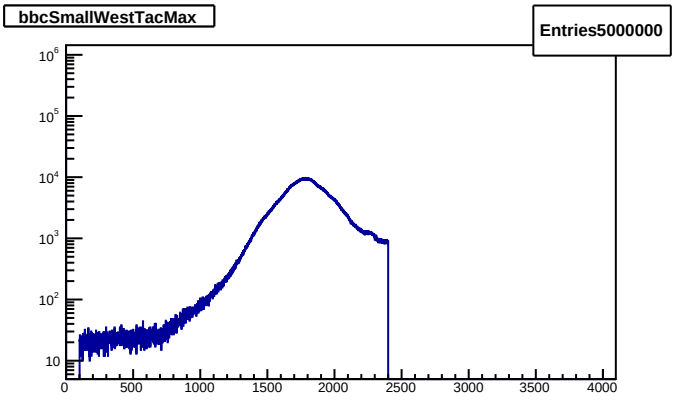

bbcSmallEastAdcSumVsSimu
Entries 2452851
Data
Simu

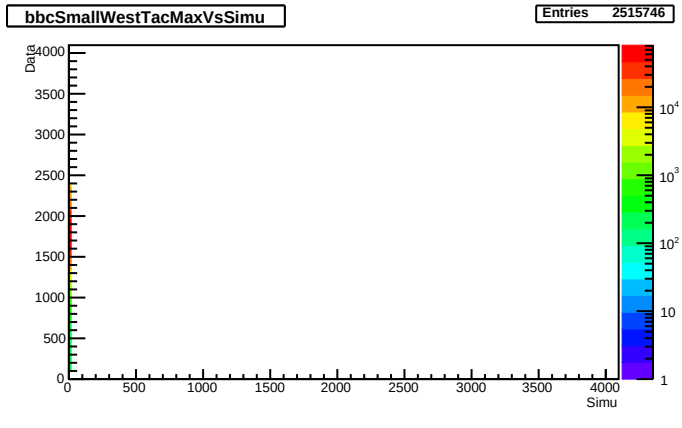

bbcSmallEastTacMax
Entries5000000

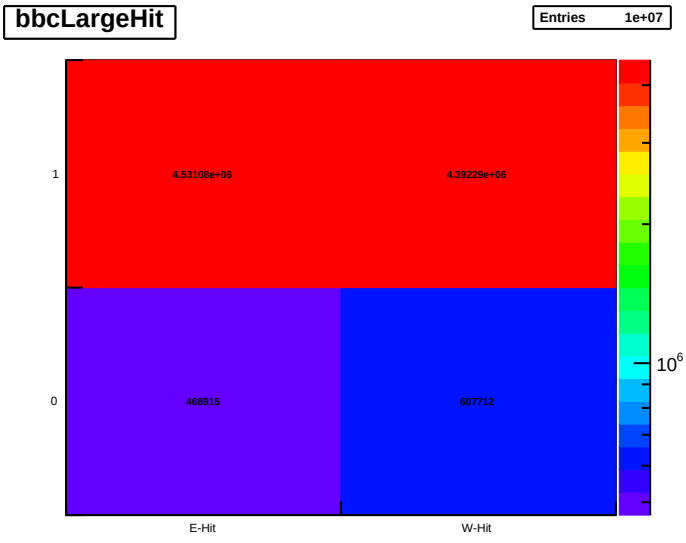

bbcSmallEastTacMaxVsSimu
Entries 2452851
Data
Simu

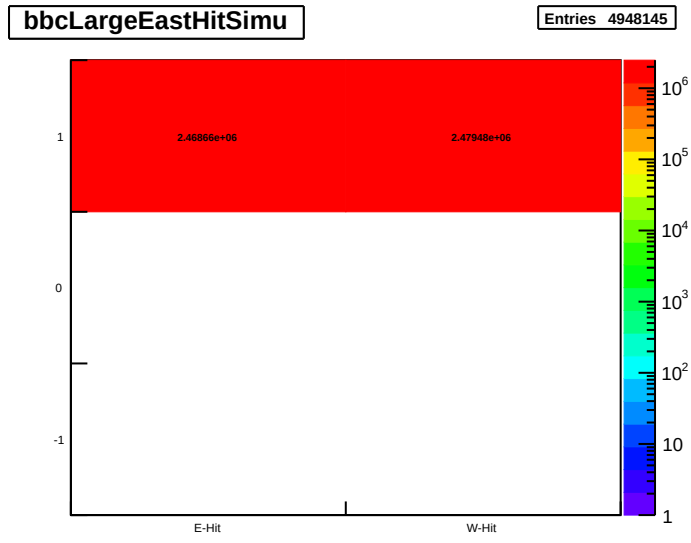

bbcSmallWestAdcSum
Entries5000000

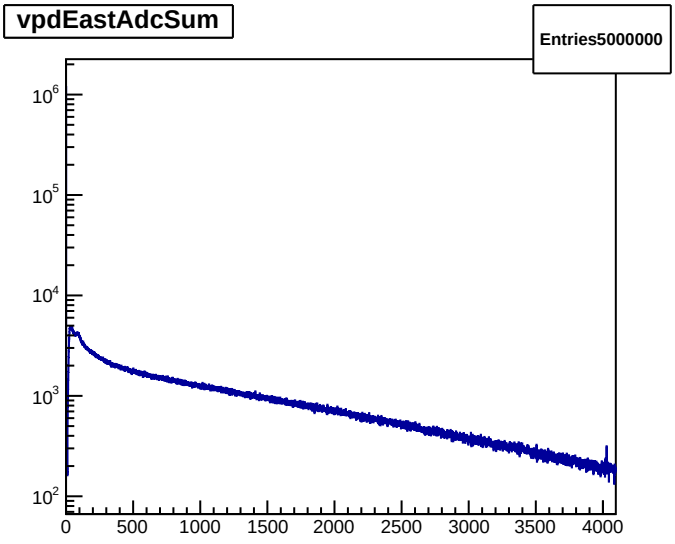

bbcSmallWestAdcSumVsSimu
Entries 2515746
Data
Simu

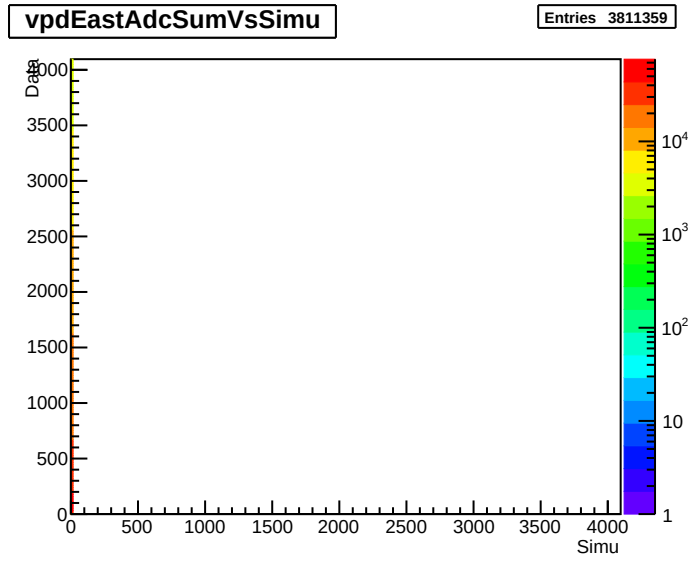

bbcSmallWestTacMax
Entries5000000

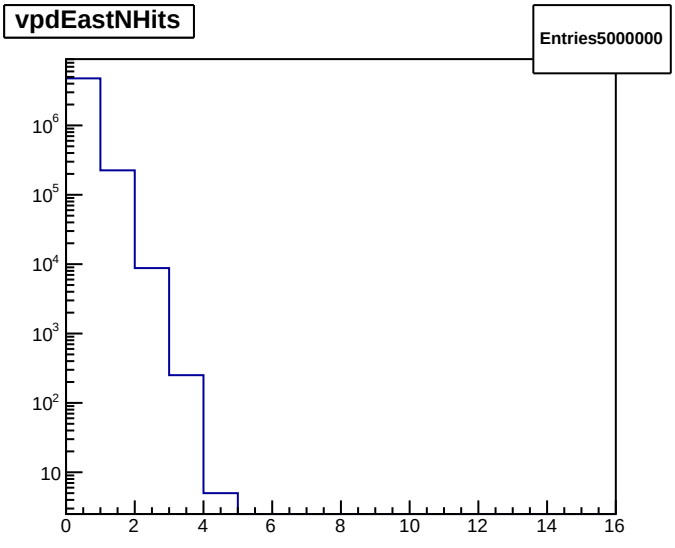

bbcSmallWestTacMaxVsSimu
Entries 2515746
Data
Simu

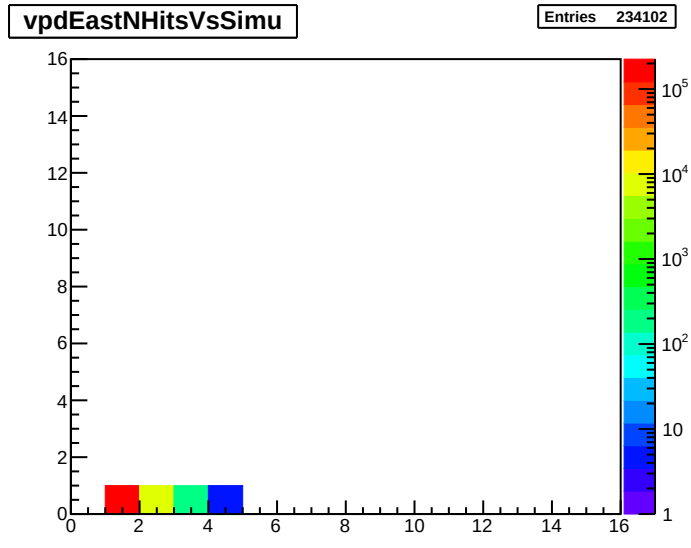

bbcLargeHit
Entries 1e+07
4.53108e+06
4.39229e+06
468915
607712
1
0
E-Hit
W-Hit
10^6

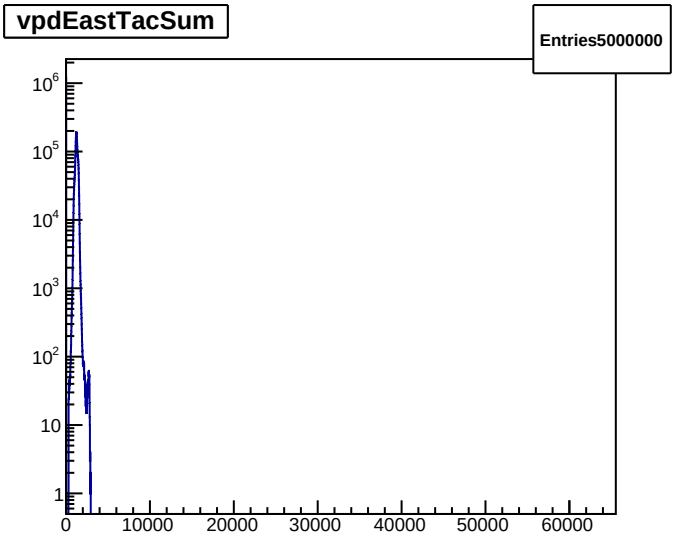

bbcLargeEastHitSimu
Entries 4948145
2.46866e+06
2.47948e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

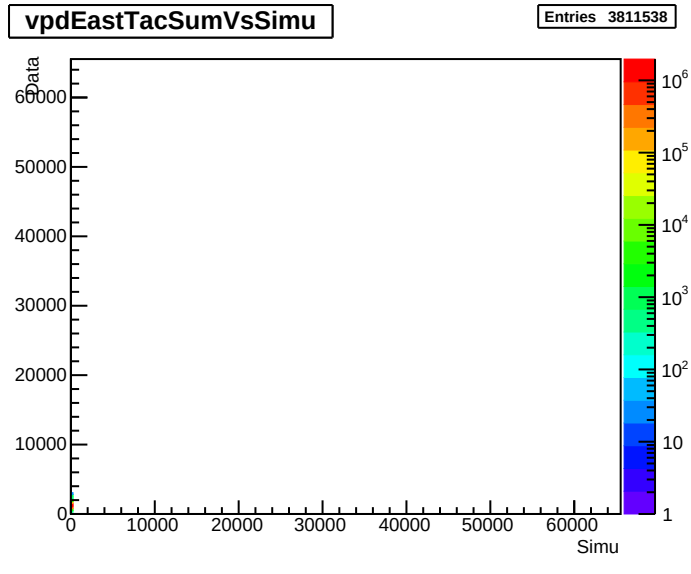

vpdEastAdcSum
Entries5000000

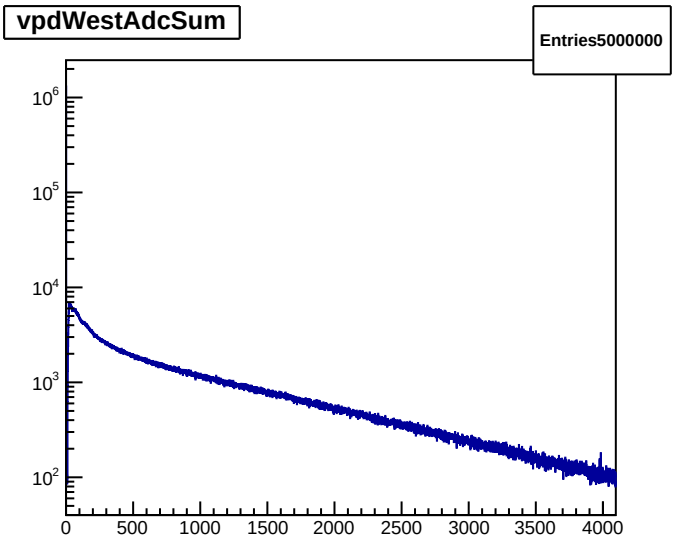

vpdEastAdcSumVsSimu
Entries 3811359
Data
Simu

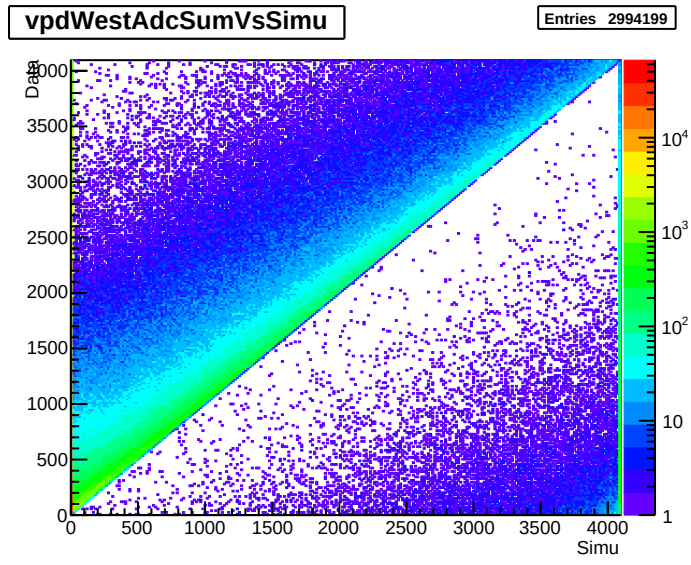

vpdEastNHits
Entries5000000

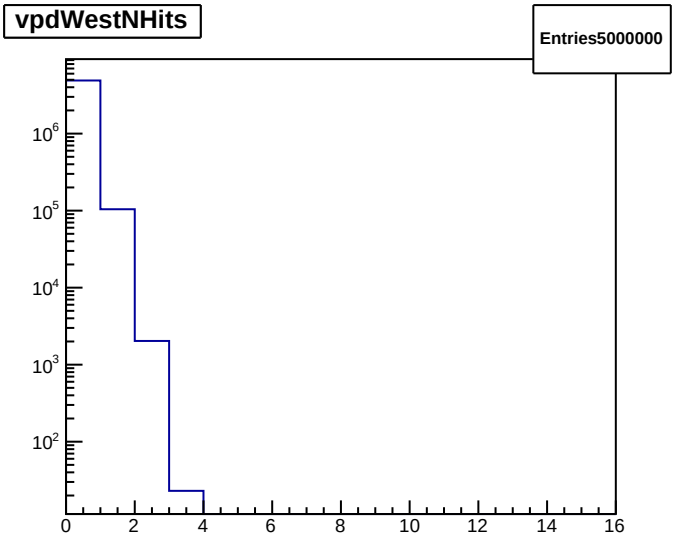

vpdEastNHitsVsSimu
Entries 234102

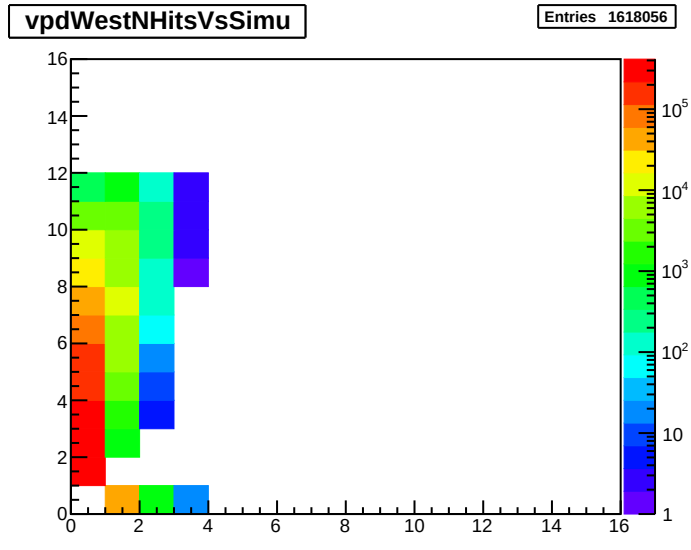

vpdEastTacSum
Entries5000000

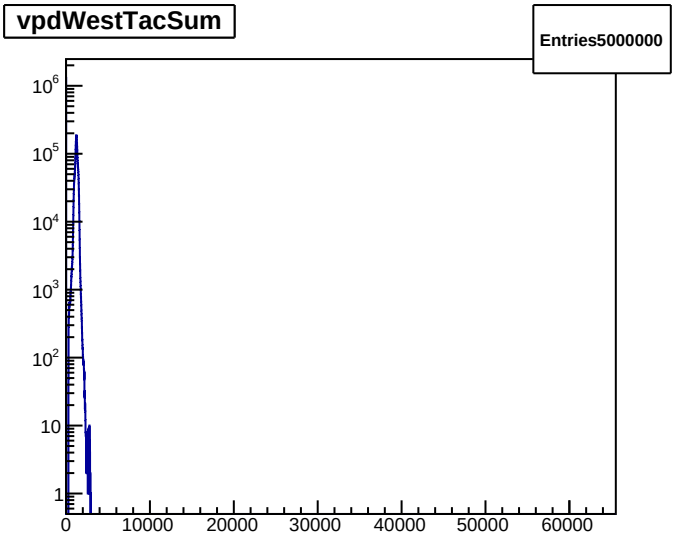

vpdEastTacSumVsSimu
Entries 3811538
Data
Simu

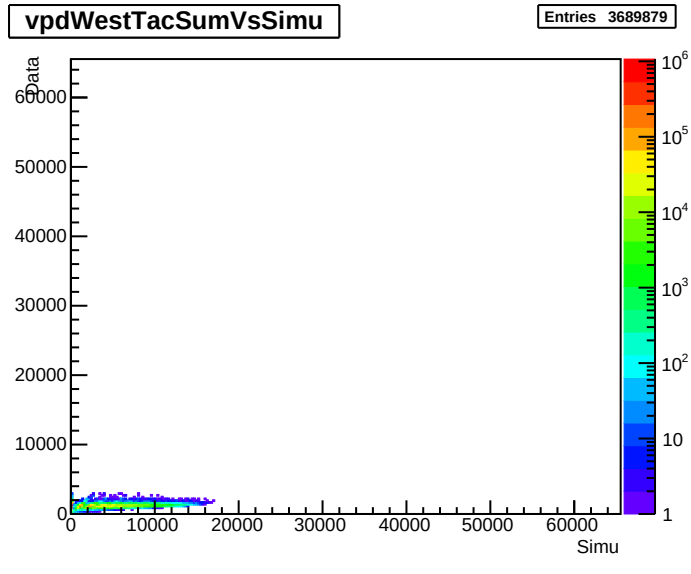

vpdWestAdcSum
Entries5000000

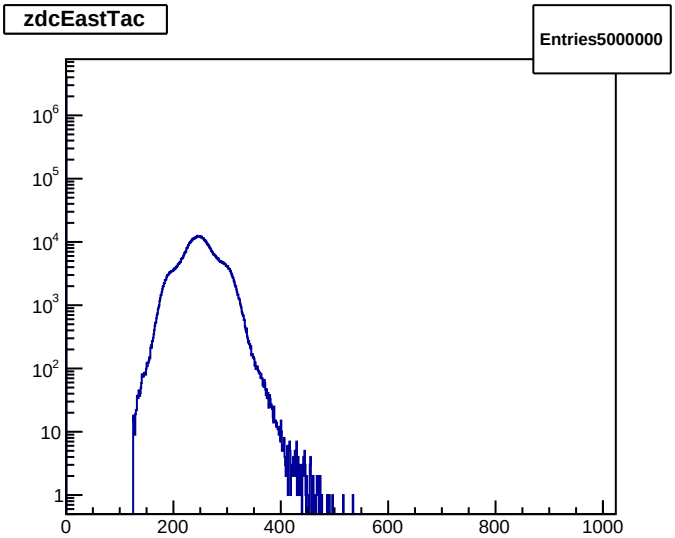

vpdWestAdcSumVsSimu
Entries 2994199
Data
Simu

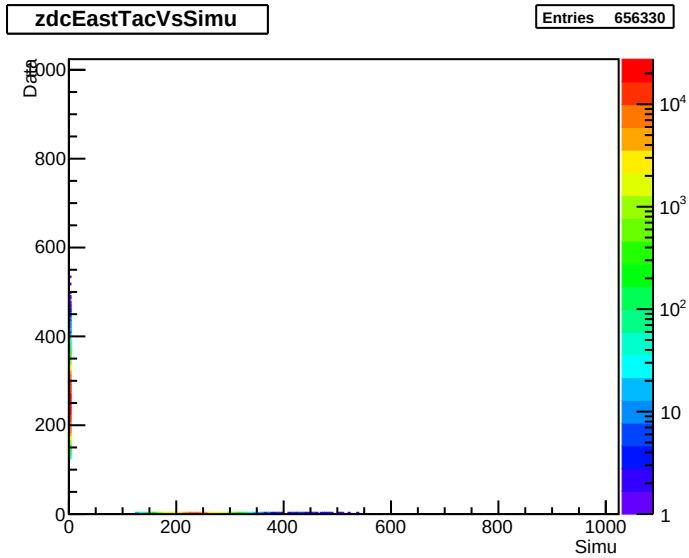

vpdWestNHits
Entries5000000

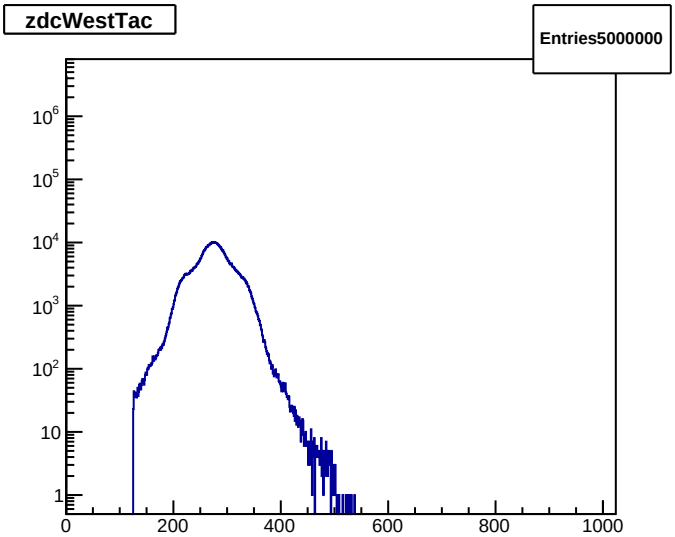

vpdWestNHitsVsSimu
Entries 1618056

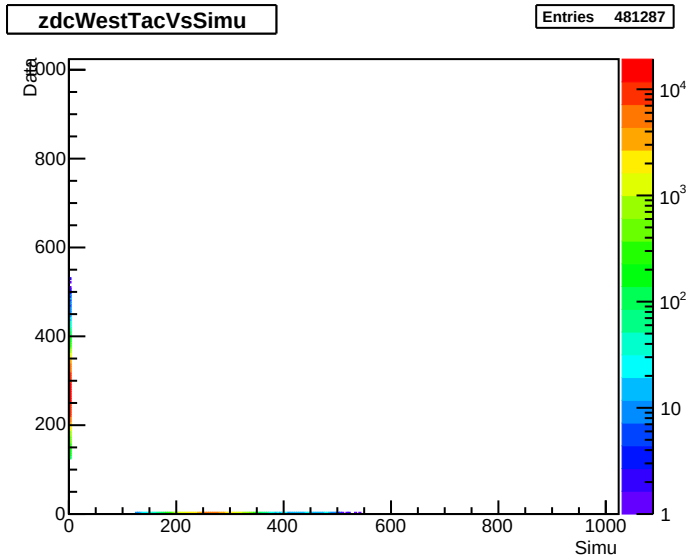

vpdWestTacSum
Entries5000000

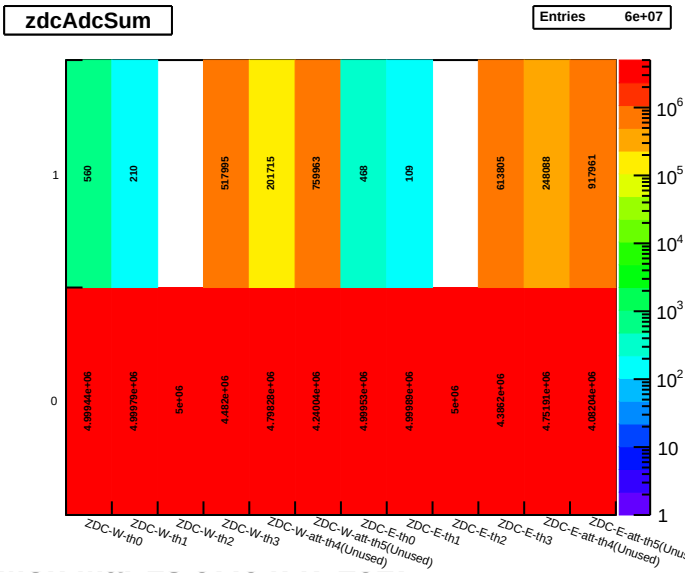

vpdWestTacSumVsSimu
Entries 3689879
Data
Simu

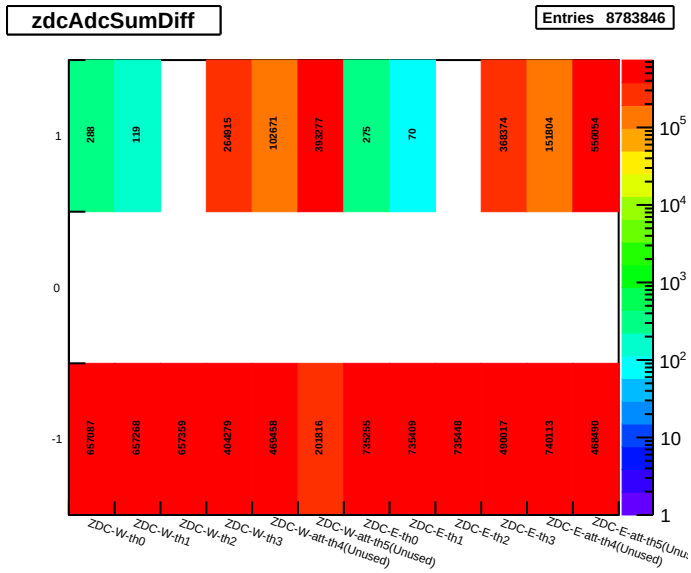

zdcEastTac
Entries5000000

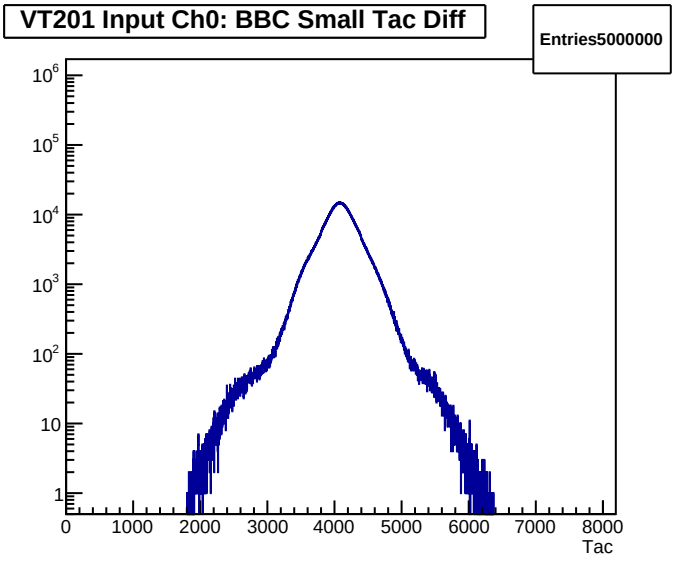

zdcEastTacVsSimu
Entries 656330
Data
Simu

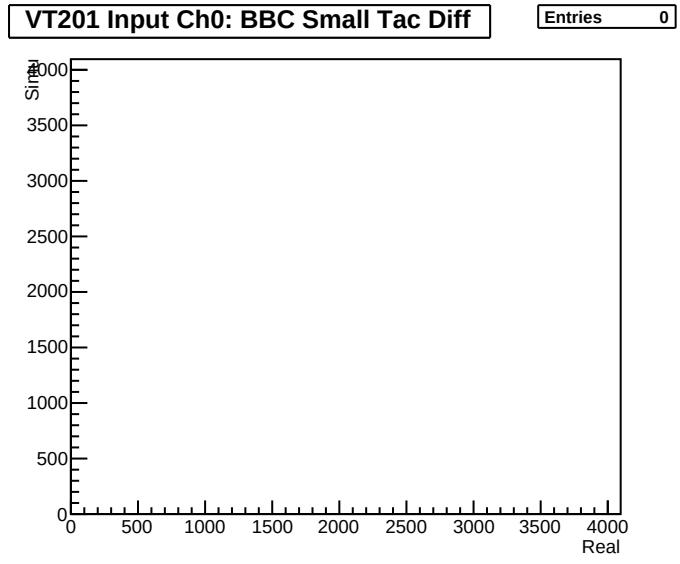

zdcWestTac
Entries5000000

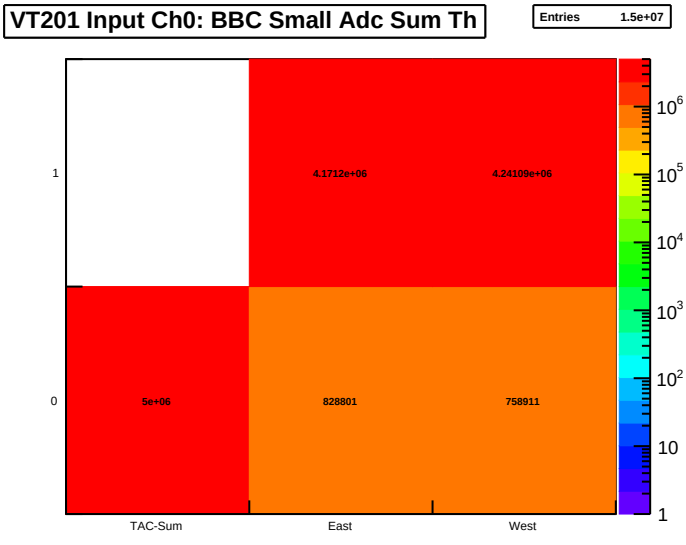

zdcWestTacVsSimu
Entries 481287
Data
Simu

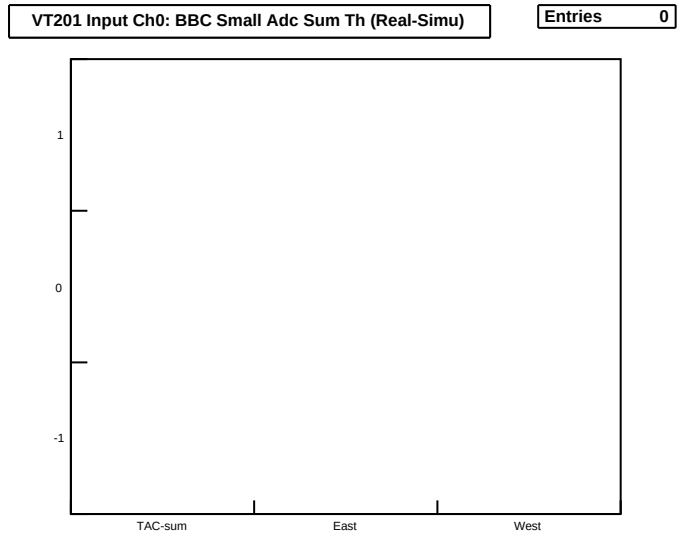

zdcAdcSum
Entries 6e+07
560
210
517995
201715
759963
468
109
613805
248088
917961
4.99944e+06
4.99979e+05
5e+06
4.4432e+06
4.76828e+06
4.22004e+06
4.99953e+06
4.99988e+06
5e+06
4.3862e+06
4.75191e+06
4.08204e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

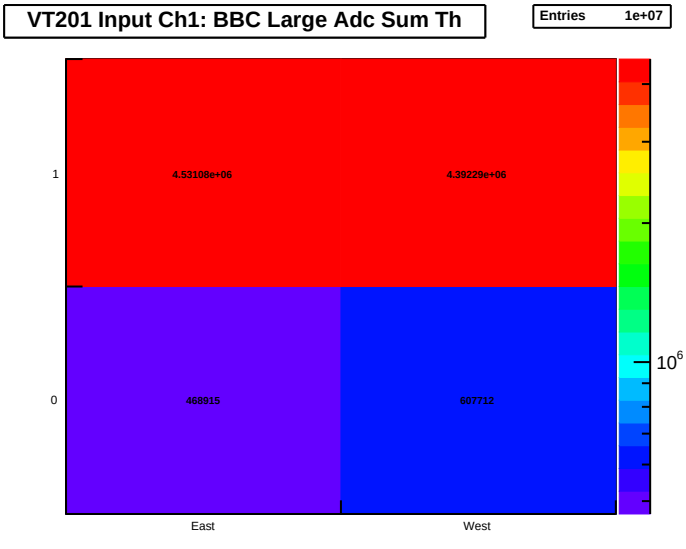

zdcAdcSumDiff
Entries 8783846
288
119
264915
102671
393277
275
70
368374
151804
550054
657087
657268
657359
404279
469458
201816
735255
735409
735448
490017
740113
468490
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

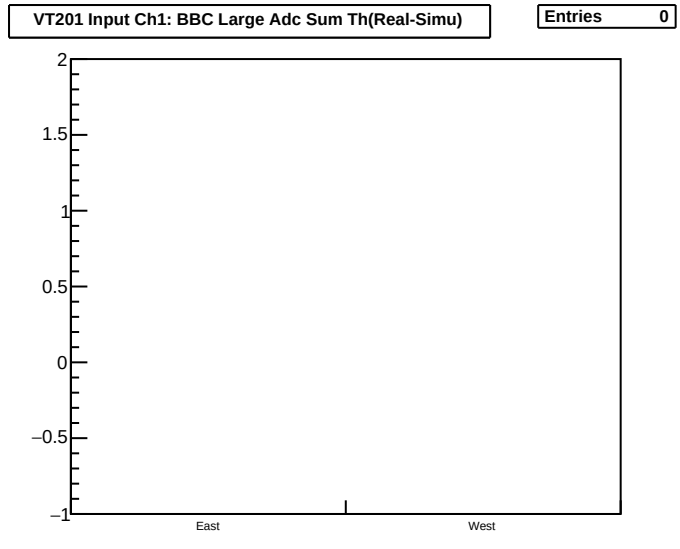

VT201 Input Ch0: BBC Small Tac Diff
Entries5000000
Tac


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

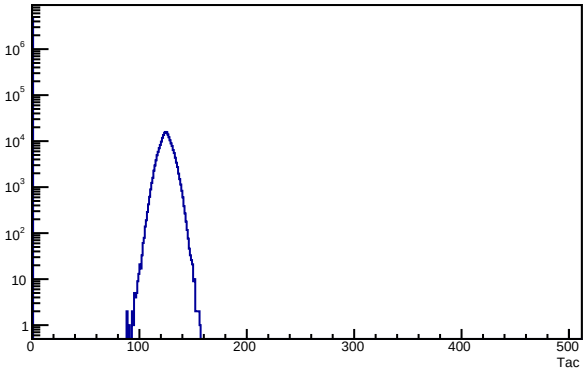

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.5e+07
4.1712e+06
4.24109e+06
5e+06
828801
758911
TAC-Sum
East
West


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

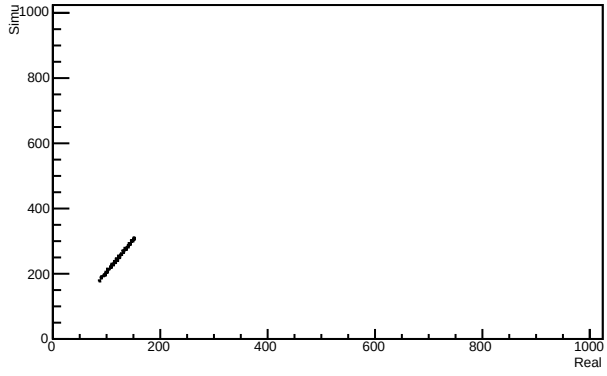

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1e+07
4.53108e+06
4.39229e+06
468915
607712
East
West


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

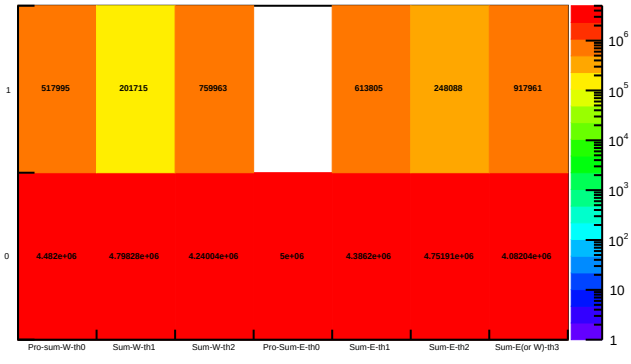
VT201 Input Ch2: ZDC Tac Diff



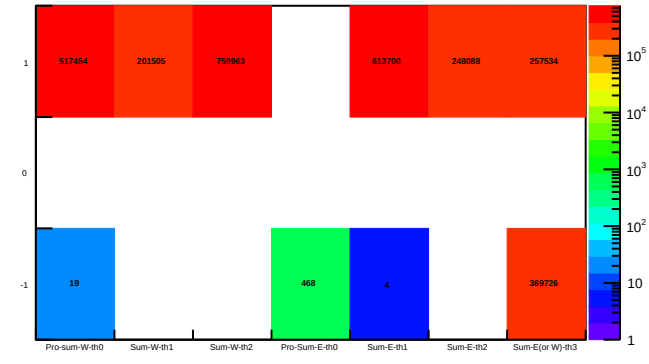
VT201 Input Ch2: ZDC Tac Diff



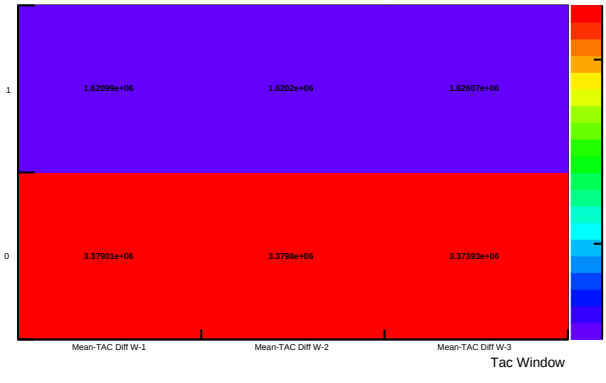
VT201 Input Ch2: ZDC Adc Sum Th



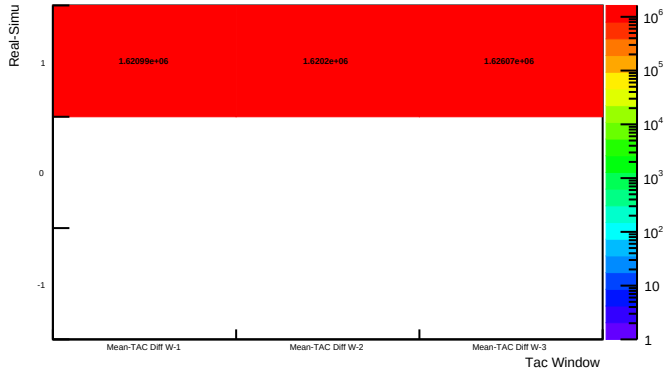
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



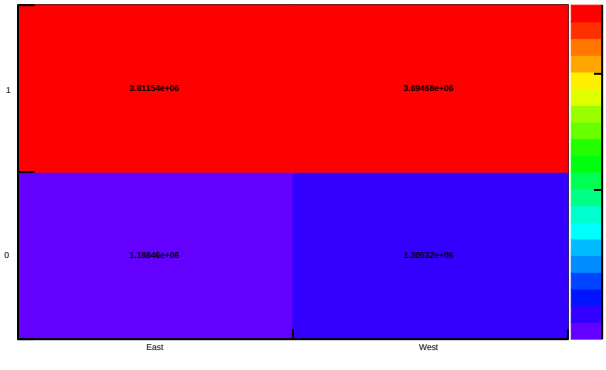
VT201 Input Ch4: VPD Tac Diff



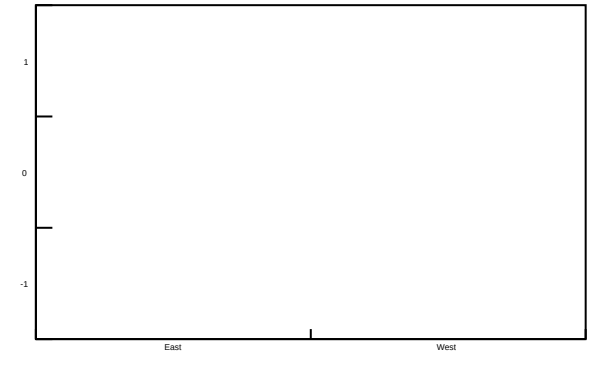
VT201 Input Ch4: VPD Tac Diff

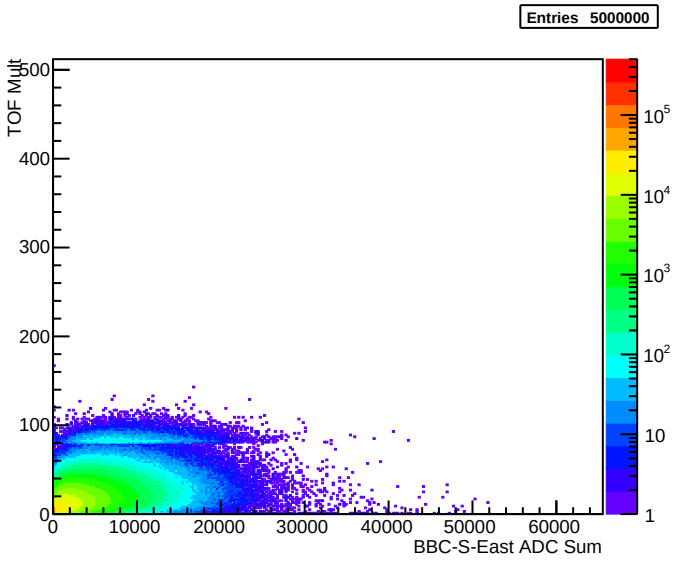


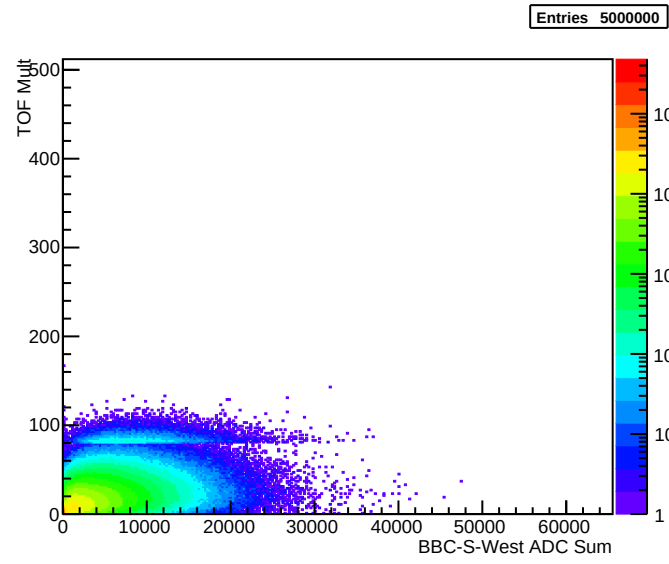
VT201 Input Ch4: VPD Adc Sum Th

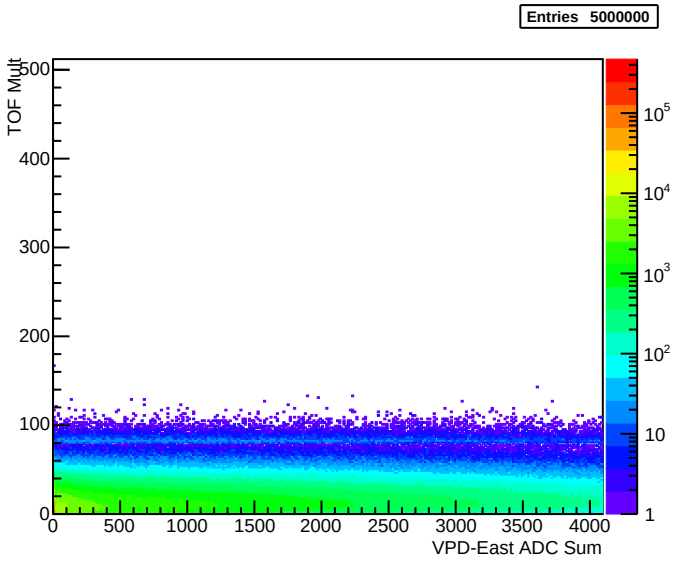


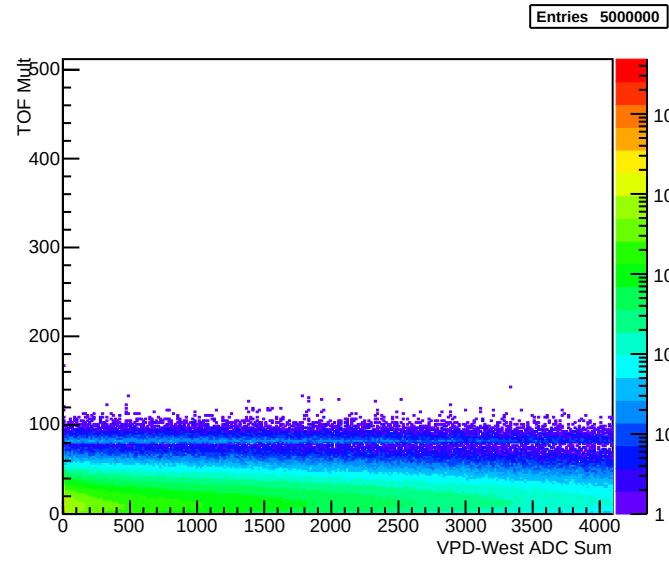
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

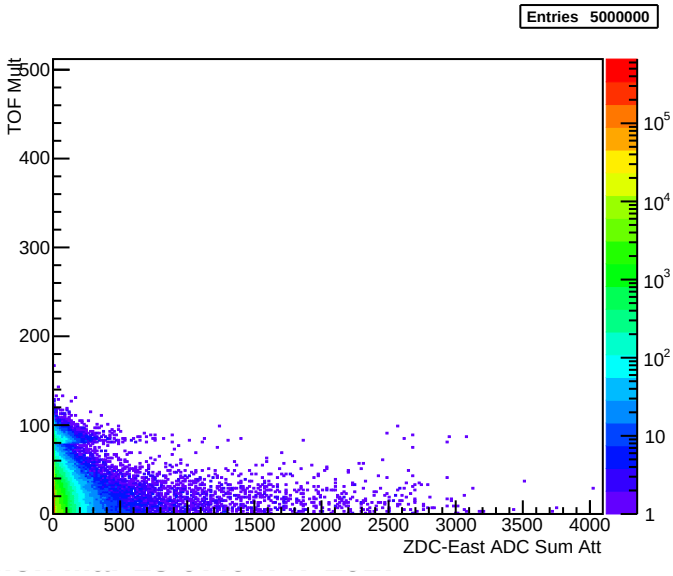


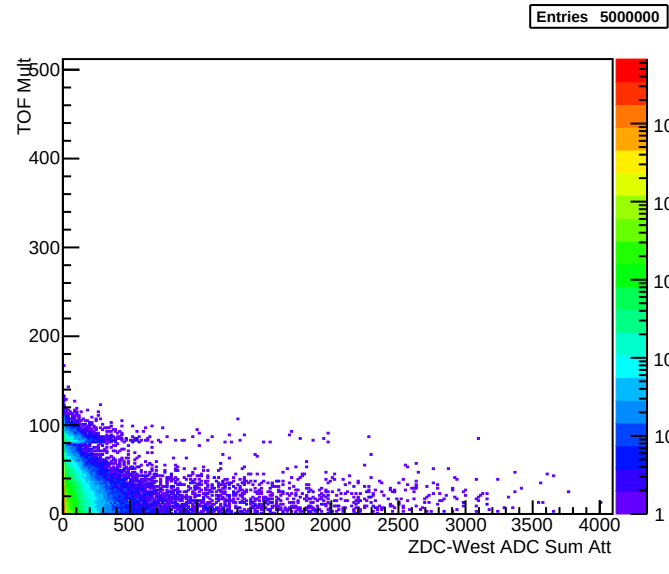

Entries 5000000
TOF Mult
BBC-S-East ADC Sum

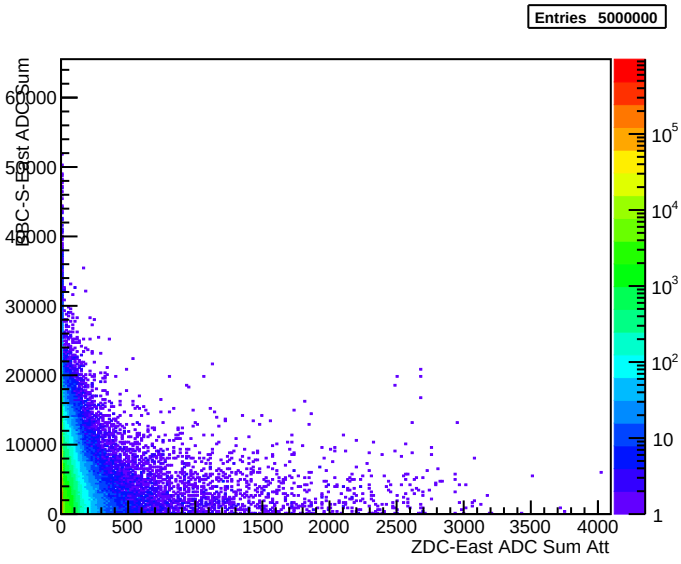

Entries 5000000
TOF Mult
BBC-S-West ADC Sum

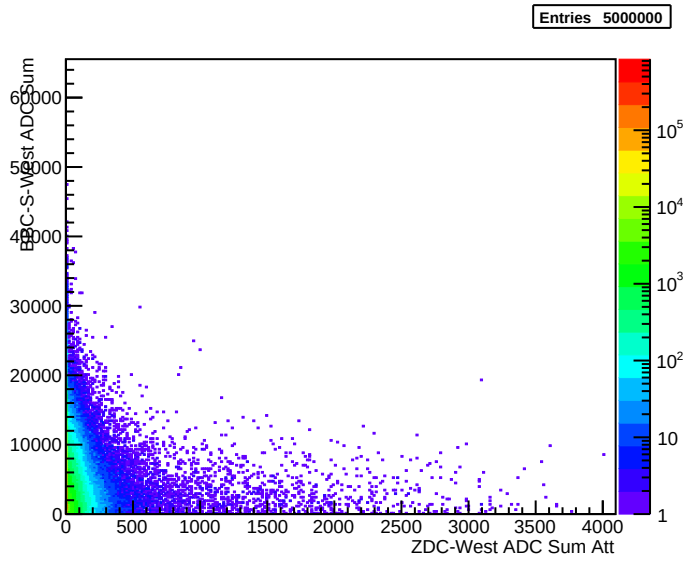

Entries 5000000
TOF Mult
VPD-East ADC Sum

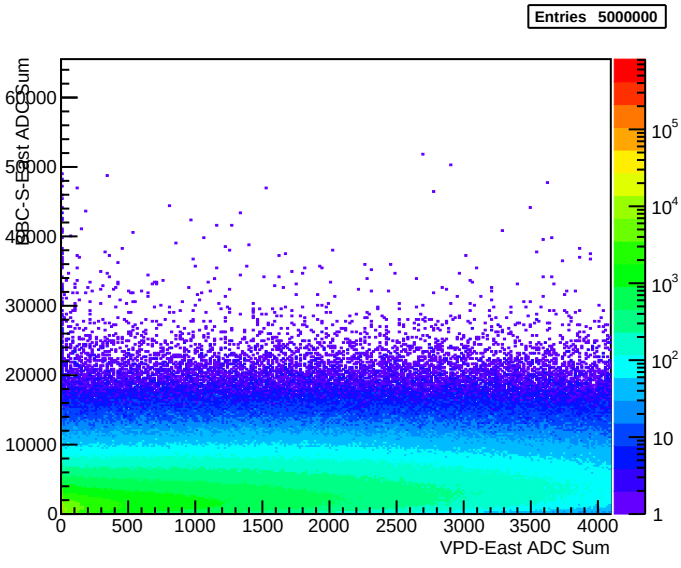

Entries 5000000
TOF Mult
VPD-West ADC Sum

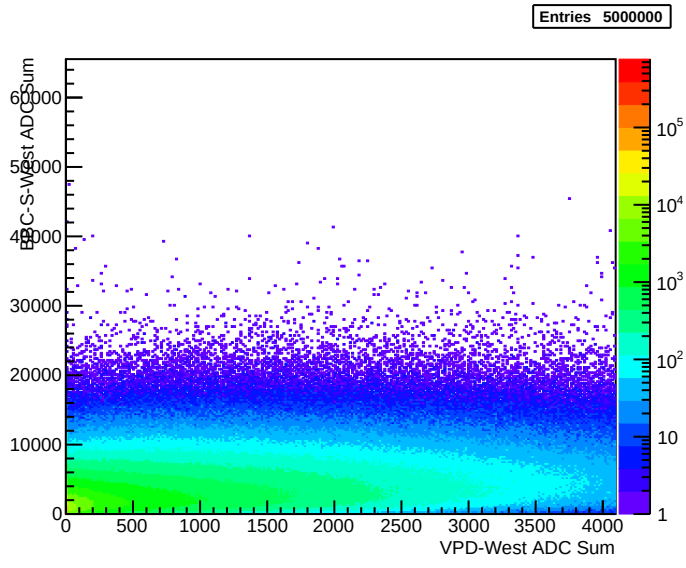

Entries 5000000
TOF Mult
ZDC-East ADC Sum Att

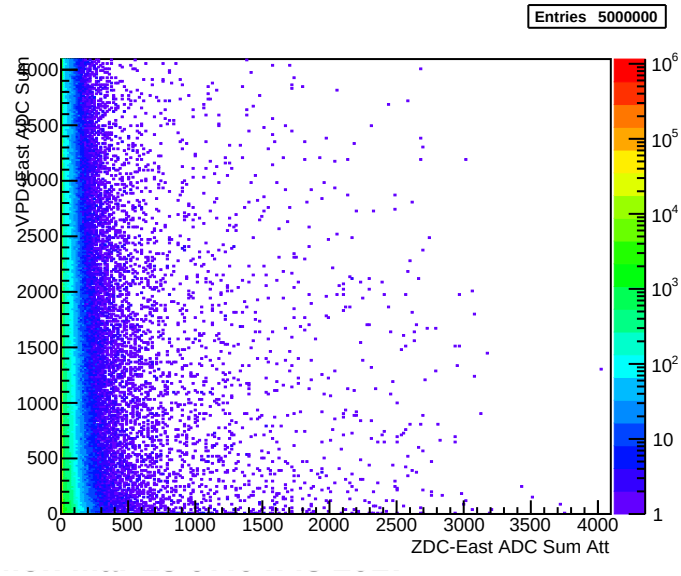

Entries 5000000
TOF Mult
ZDC-West ADC Sum Att

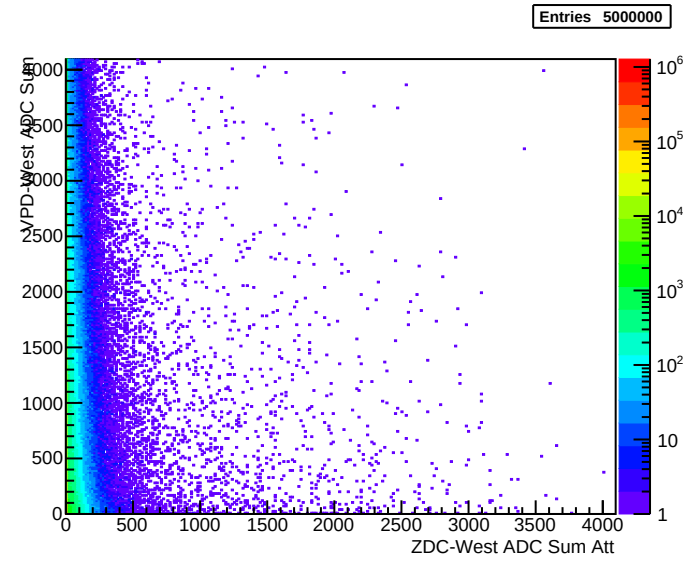

Entries 5000000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

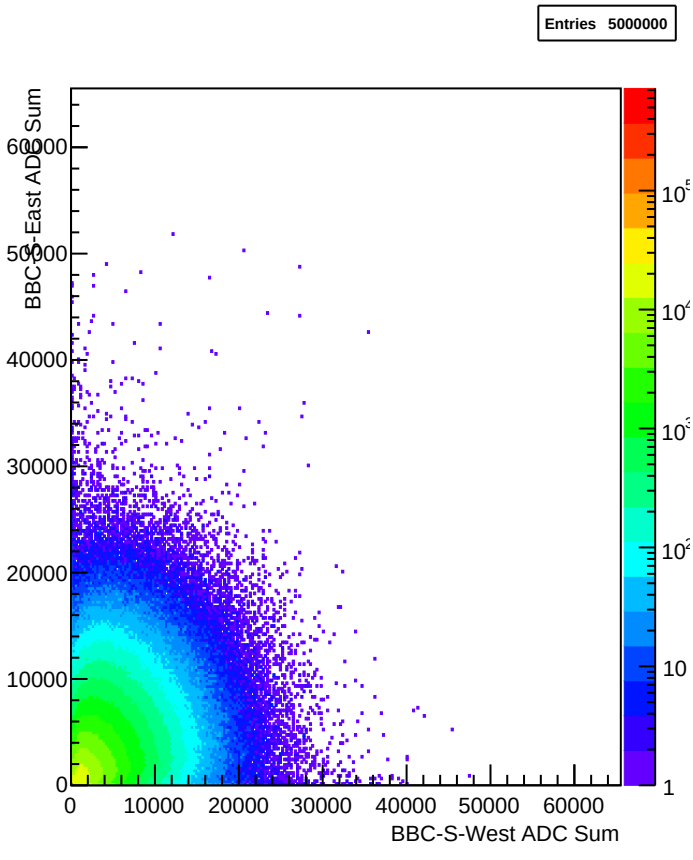

Entries 5000000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

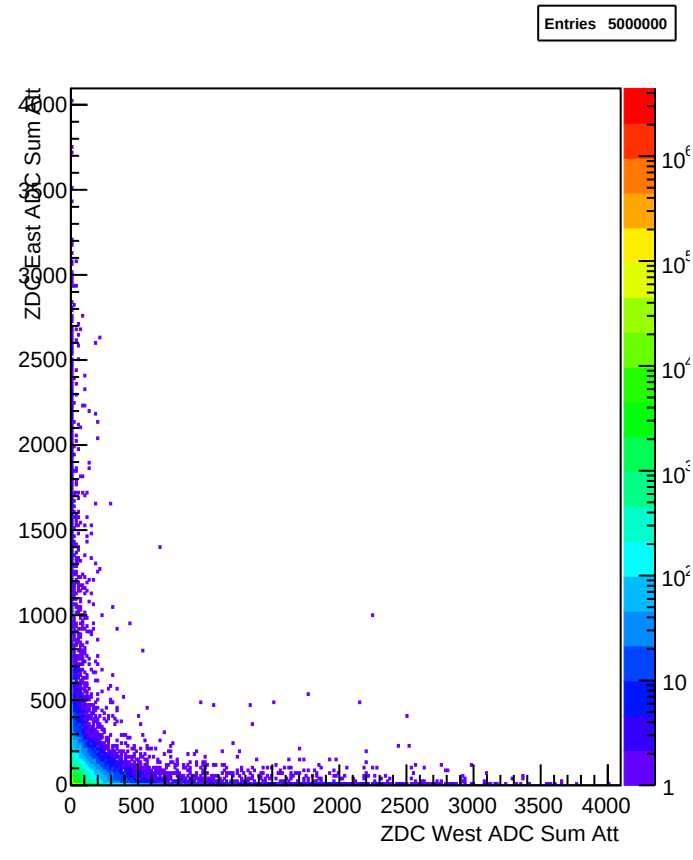

Entries 5000000
BBC-S-East ADC Sum
VPD-East ADC Sum

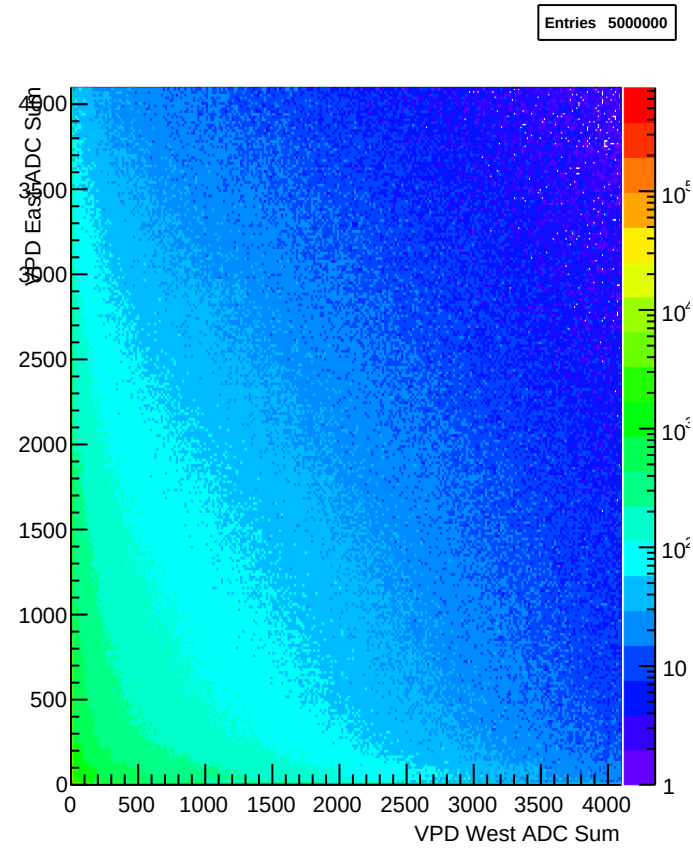

Entries 5000000
BBC-S-West ADC Sum
VPD-West ADC Sum

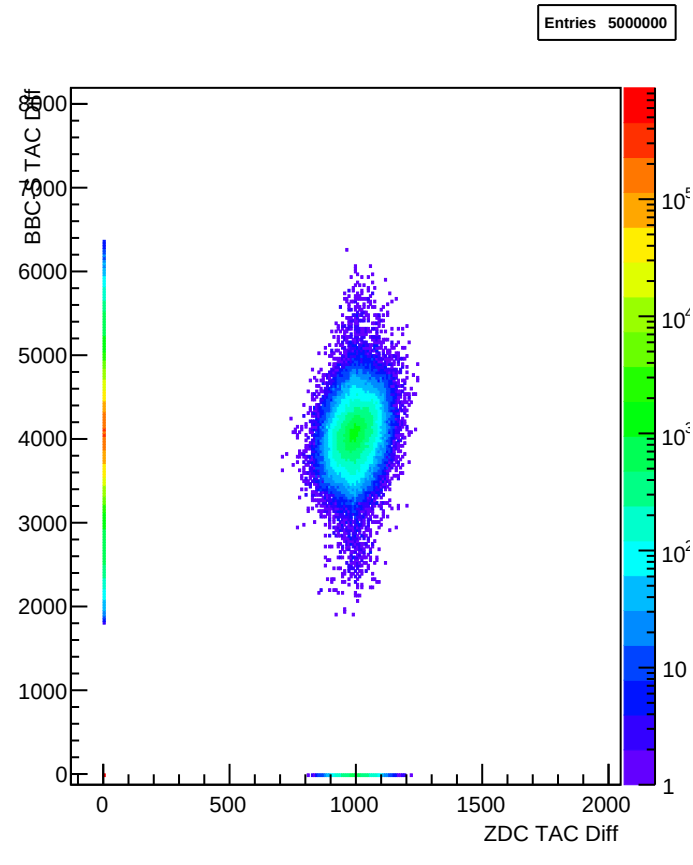

Entries 5000000
VPD-East ADC Sum
ZDC-East ADC Sum Att

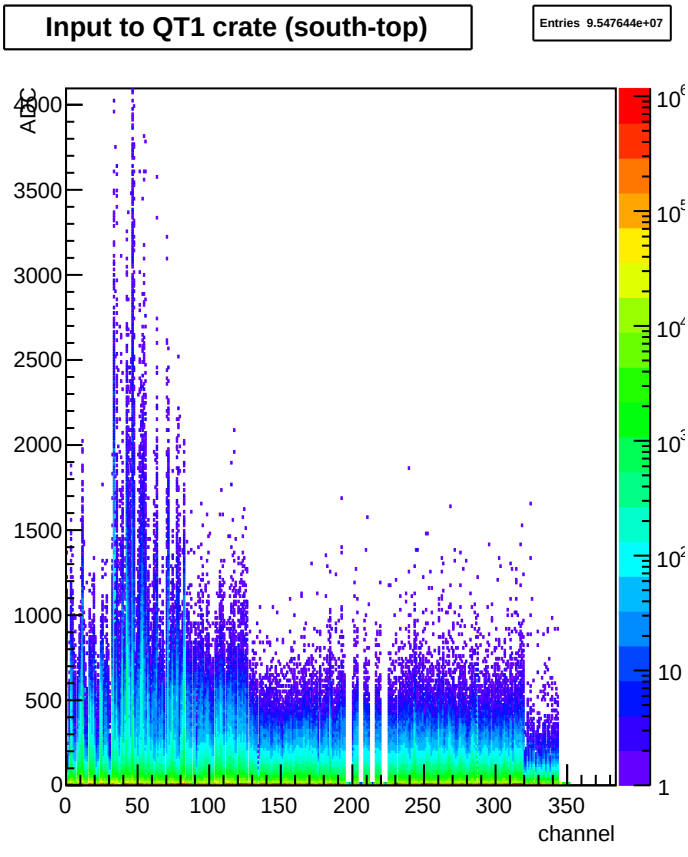

Entries 5000000
VPD-West ADC Sum
ZDC-West ADC Sum Att

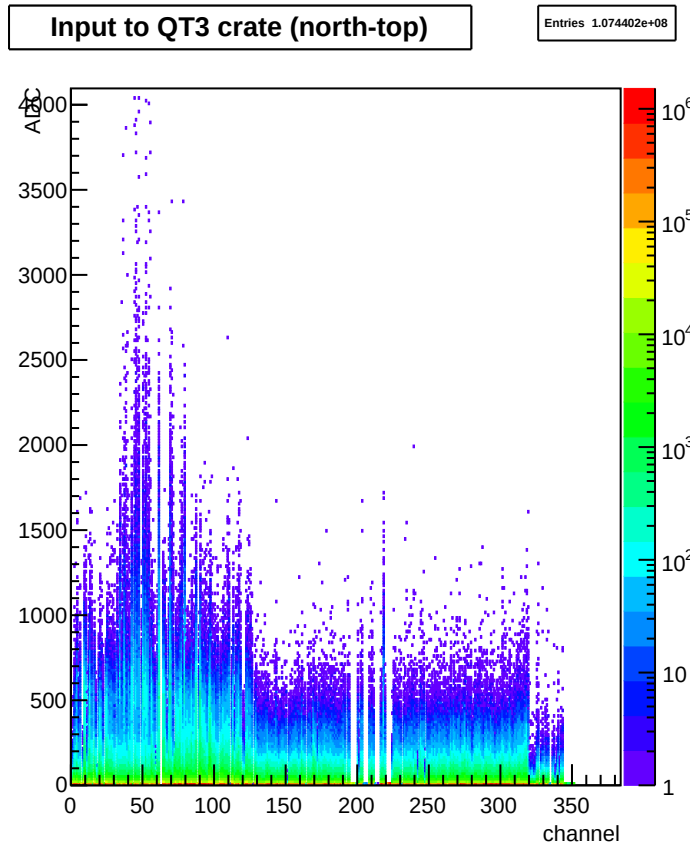

Entries 5000000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

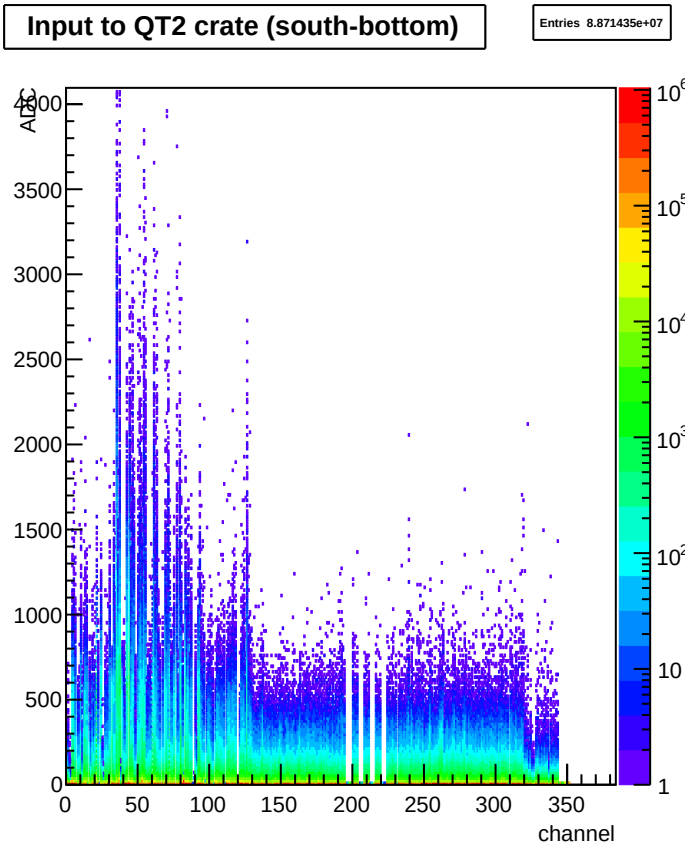

Entries 5000000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

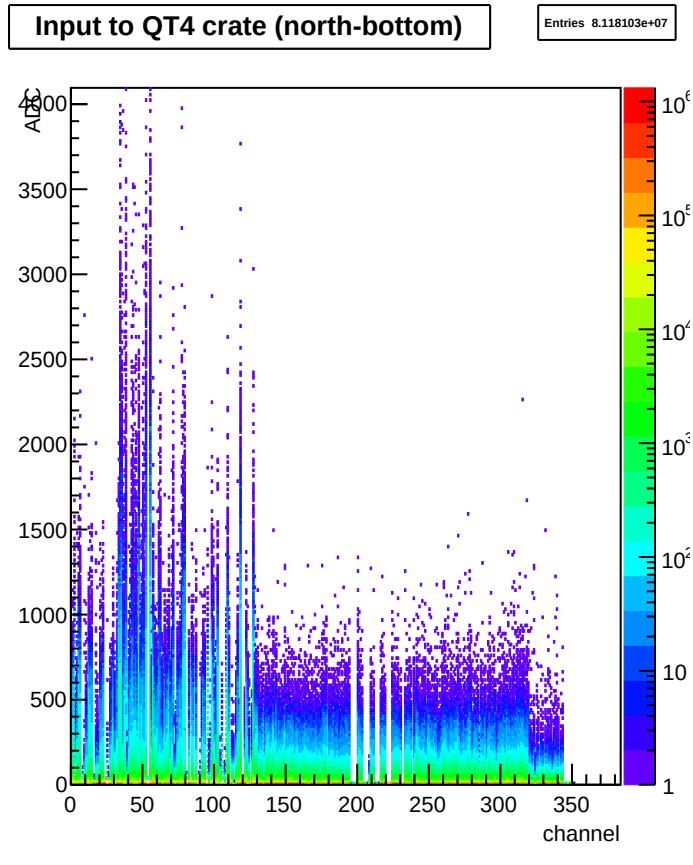

Entries 5000000
VPD East ADC Sum
VPD West ADC Sum

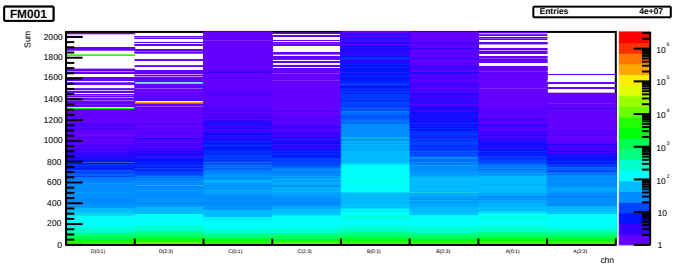

Entries 5000000
BBC-S TAC Diff
ZDC TAC Diff


Input to QT1 crate (south-top)
Entries 9.547644e+07
ADC
channel


Input to QT3 crate (north-top)
Entries 1.074402e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 8.871435e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 8.118103e+07
ADC
channel


FM001
Entries 4e+07
Sum
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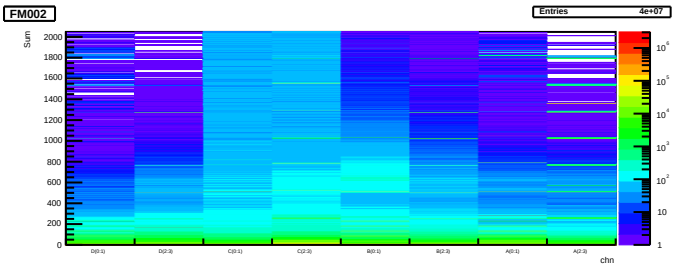
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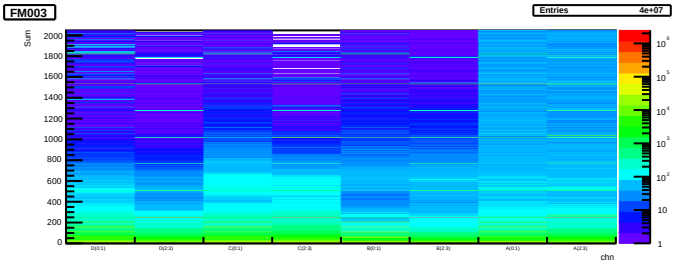
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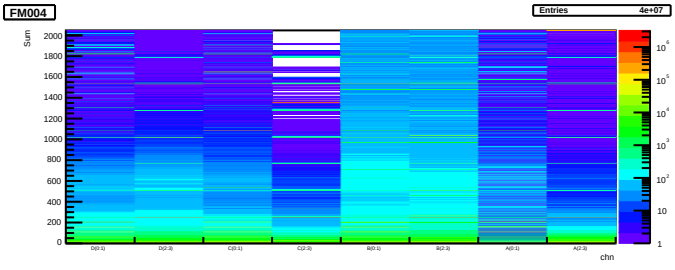
FM004
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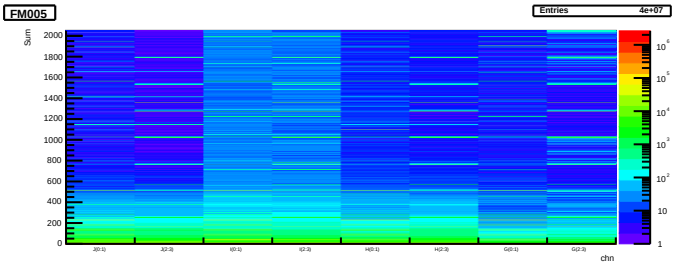
FM005
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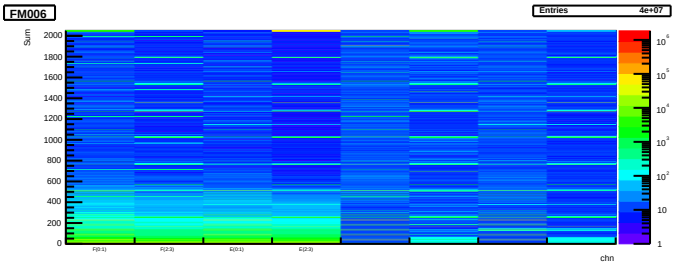
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Sum
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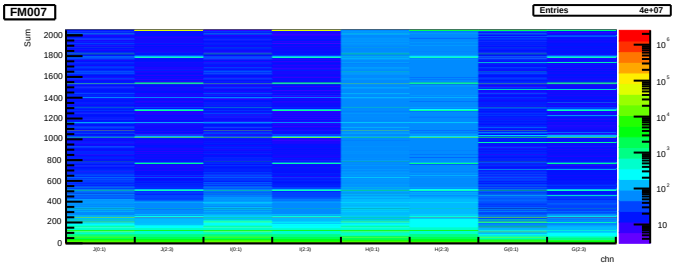
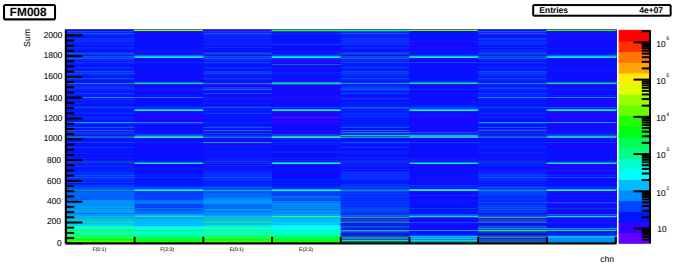

FM007
Entries 4e+07
Sum
chn


FM008
Entries 4e+07
Sum
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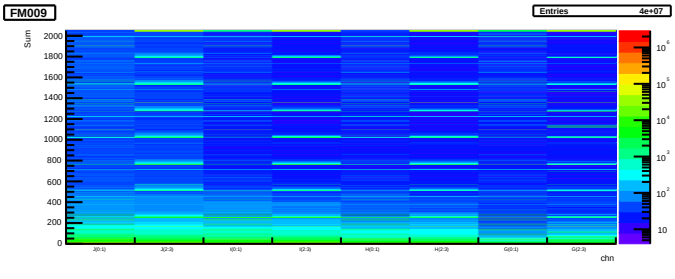
FM009
Entries 4e+07
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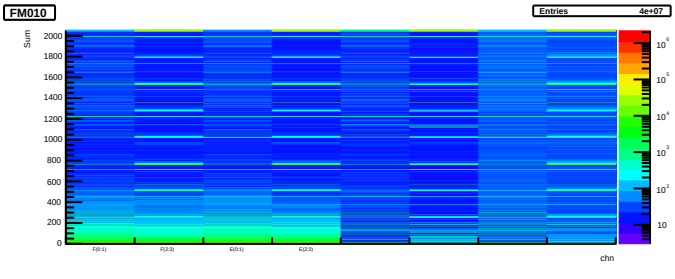
FM010
Entries 4e+07
Sum
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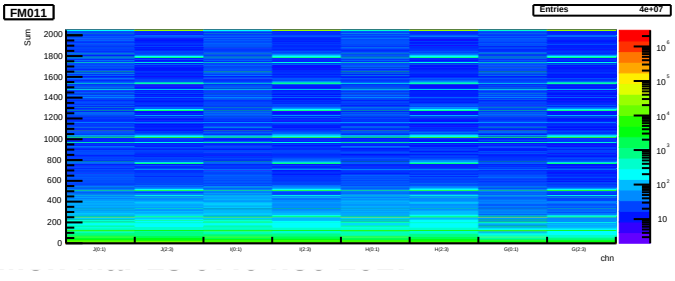
FM011
Entries 4e+07
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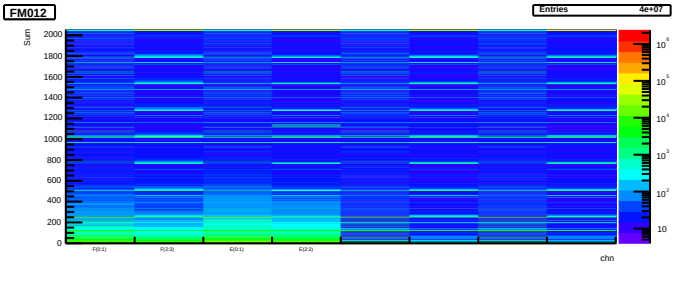
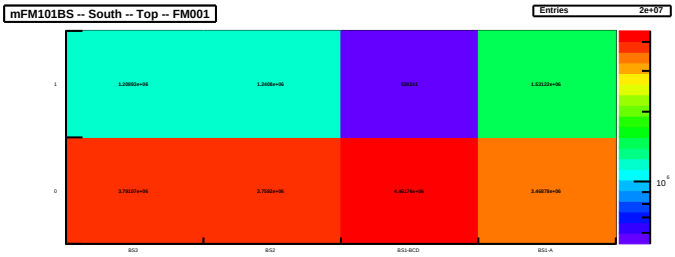

FM012
Entries 4e+07
Sum
chn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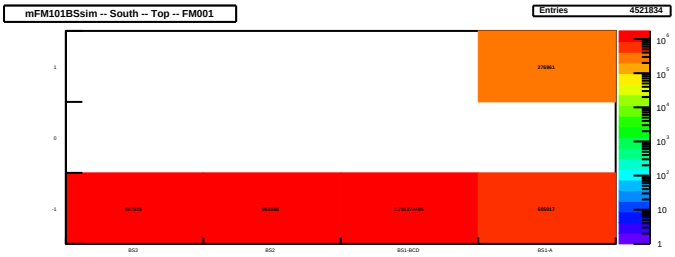
Entries 2e+07
BS3
BS2
BS1-BCD
BS1-A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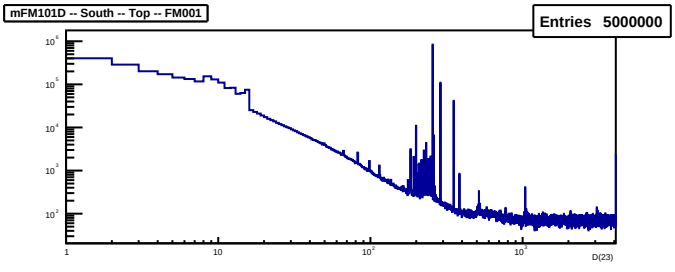
BS2
BS1-BCD
BS1-A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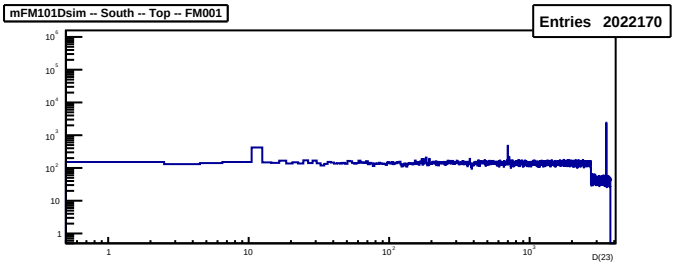
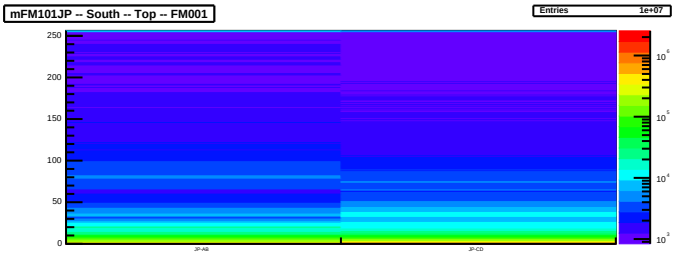
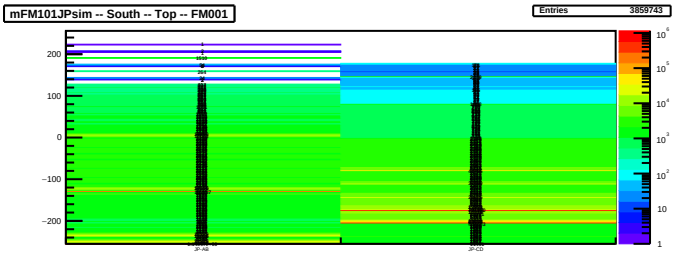
Entries 5000000
D(23)


mFM101Dsim -- South -- Top -- FM001
Entries 2022170
D(23)


mFM101JP -- South -- Top -- FM001
Entries 1e+07
JP-AB
JP-CD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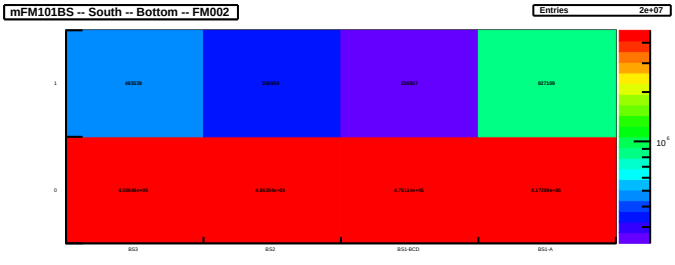
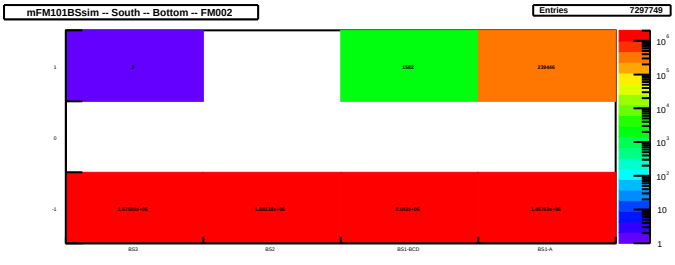
Entries 3859743
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 2e+07
BS3
BS2
BS1-BCD
BS1-A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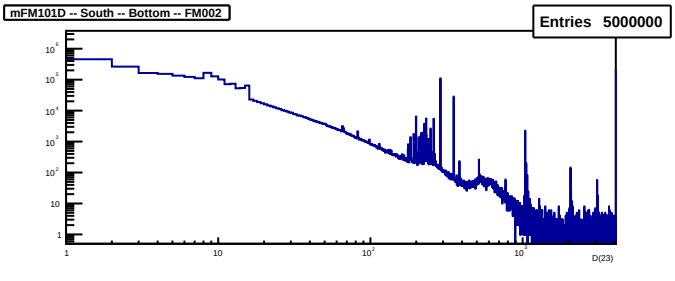
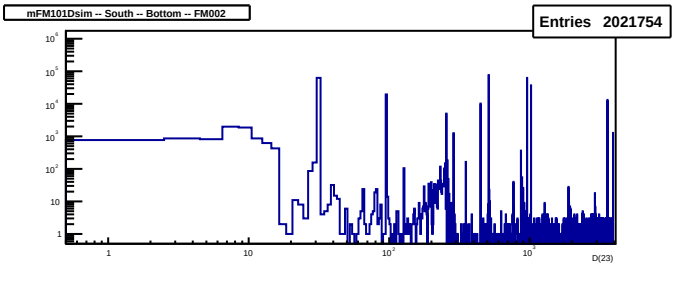
BS3
BS2
BS1-BCD
BS1-A


mFM101D -- South -- Bottom -- FM002
Entries 5000000
D(23)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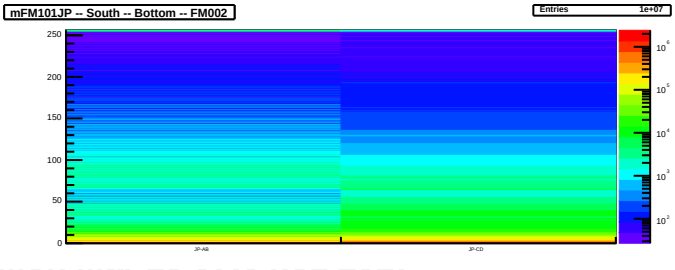
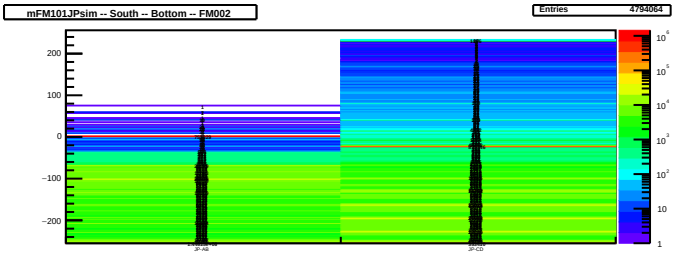
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 1e+07
JP-AB
JP-CD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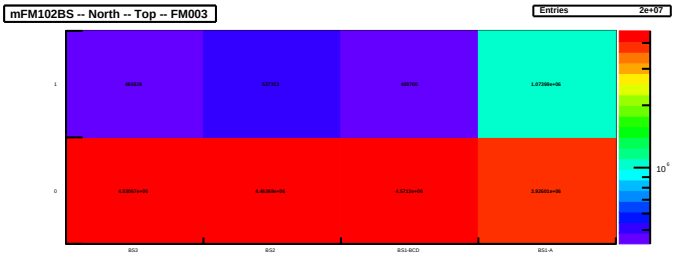
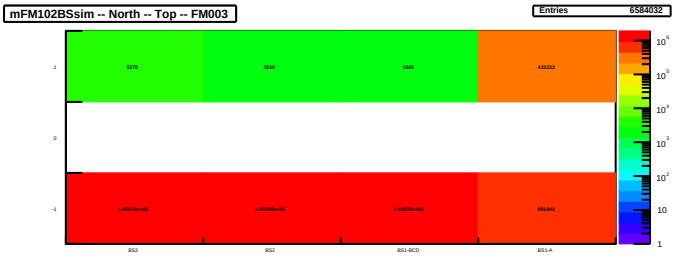
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 2e+07
BS3
BS2
BS1-BCD
BS1-A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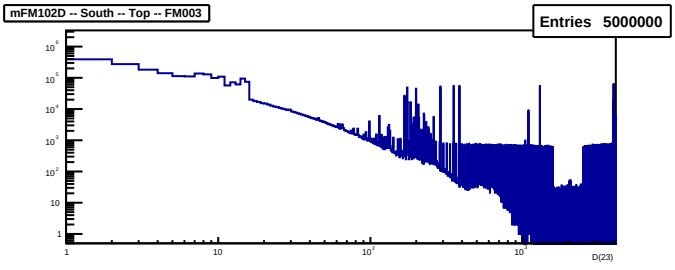
BS3
BS2
BS1-BCD
BS1-A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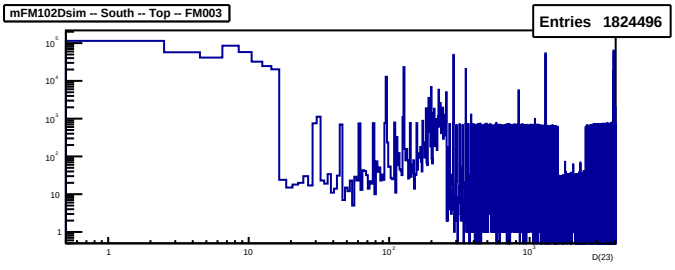
Entries 5000000
D(23)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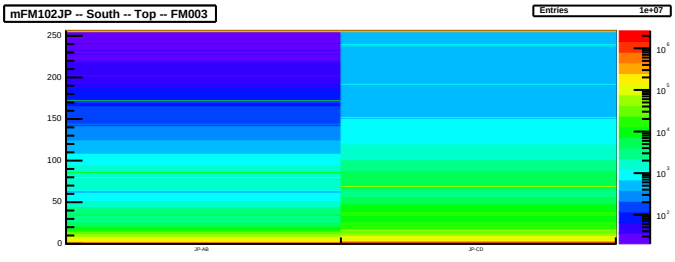
D(23)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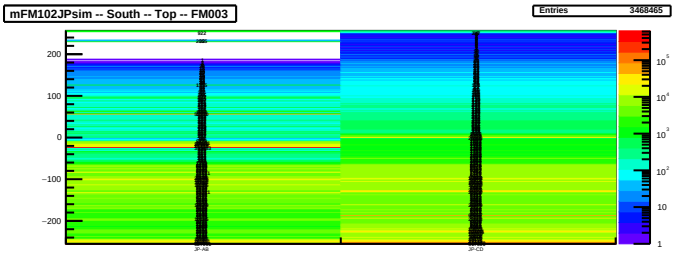
Entries 1e+07
JP-AB
JP-CD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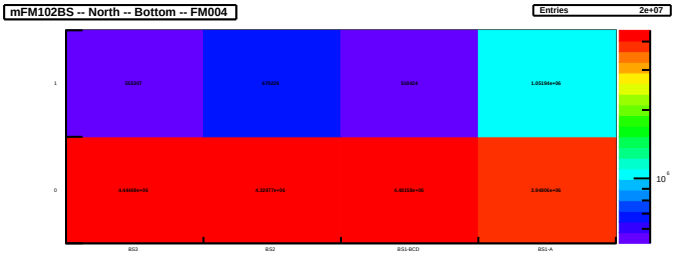
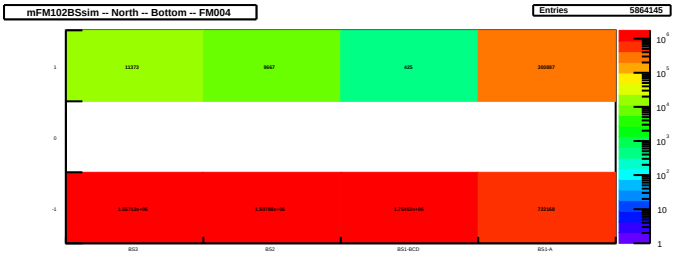
Entries 3468465
JP-AB
JP-CD


mFM102BS -- North -- Bottom -- FM004
Entries 2e+07
BS3
BS2
BS1-BCD
BS1-A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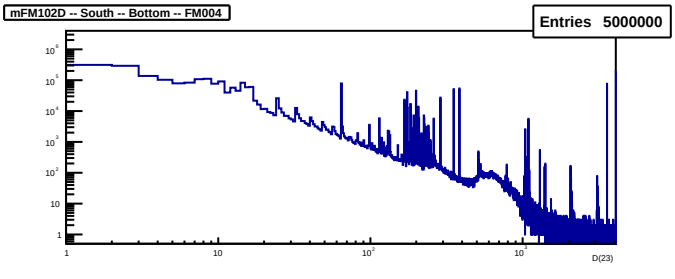
Entries 5864145
BS3
BS2
BS1-BCD
BS1-A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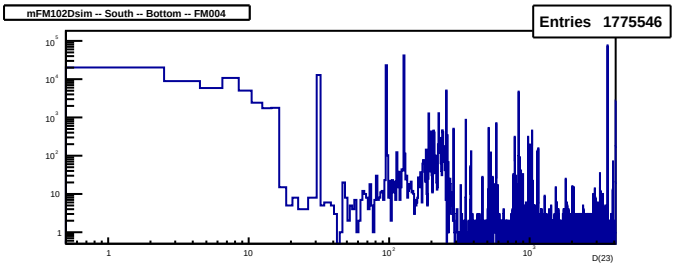
Entries 5000000
D(23)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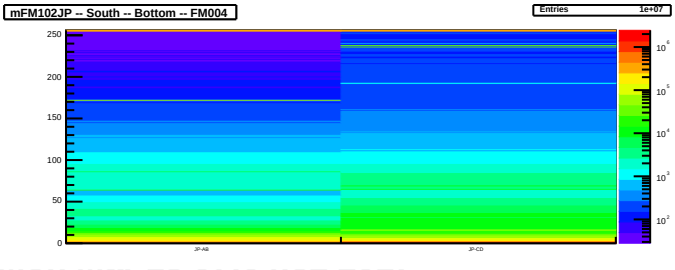
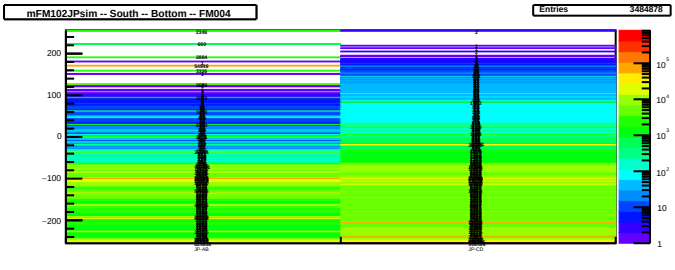
Entries 1775546
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 1e+07
JP-AB
JP-CD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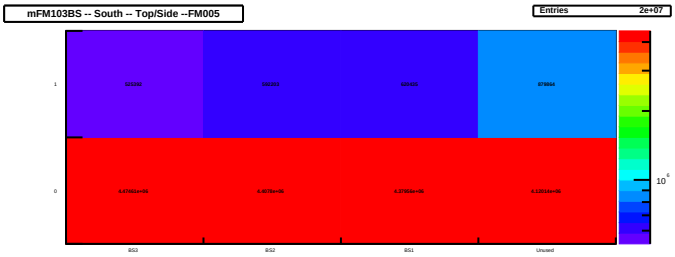
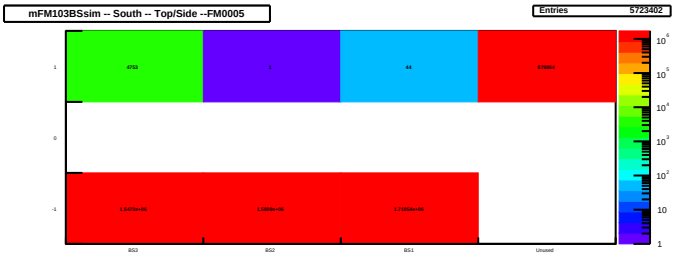
JP-AB
JP-CD


mFM103BS -- South -- Top/Side --FM005
Entries 2e+07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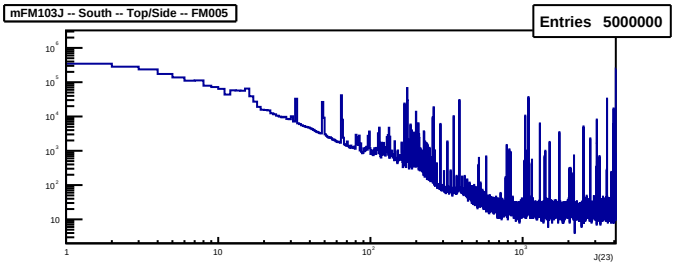
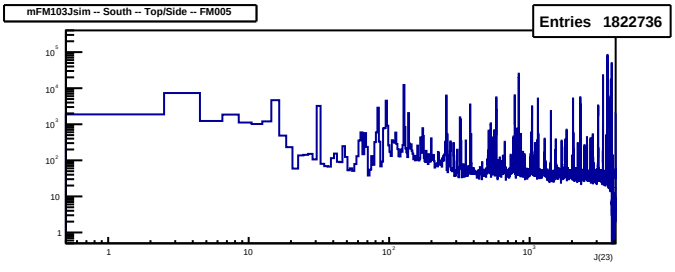
Entries 5723402


mFM103J -- South -- Top/Side -- FM005
Entries 5000000
J(23)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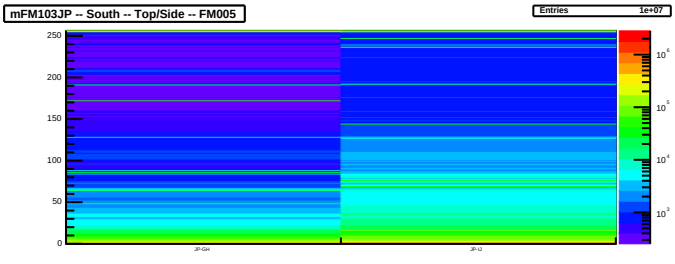
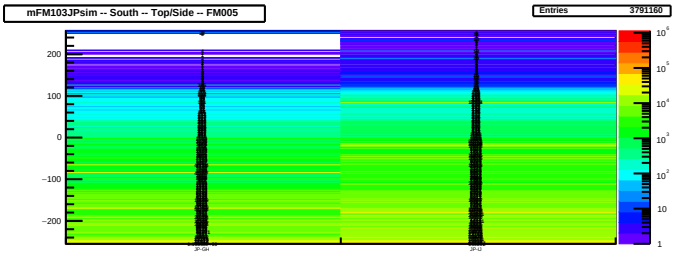
Entries 1822736
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 1e+07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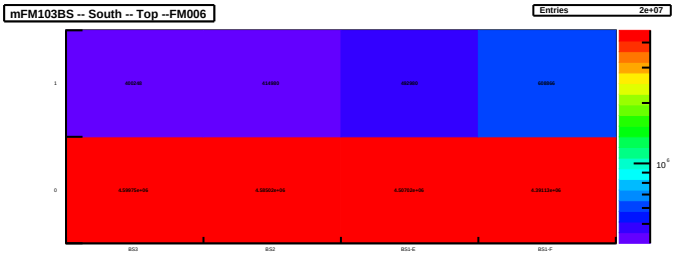
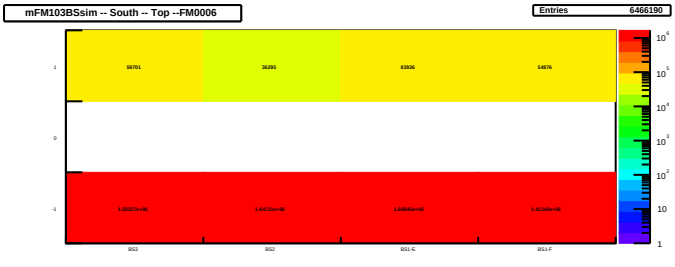

mFM103BS -- South -- Top --FM006
Entries 2e+07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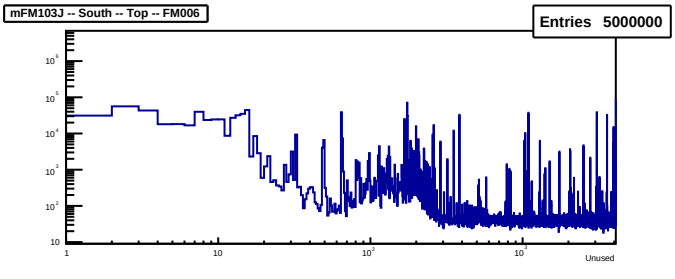
Entries 6466190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Entries 5000000
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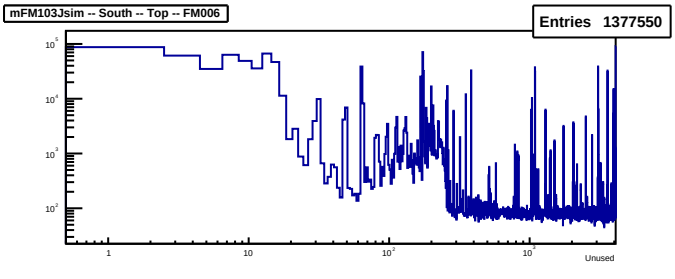
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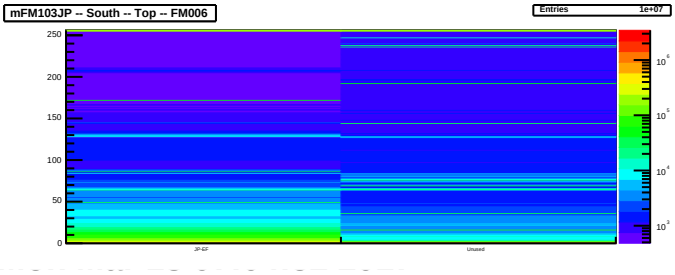
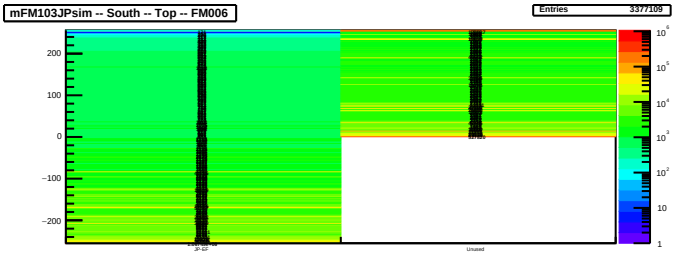
Unused


mFM103JP -- South -- Top -- FM006
Entries 1e+07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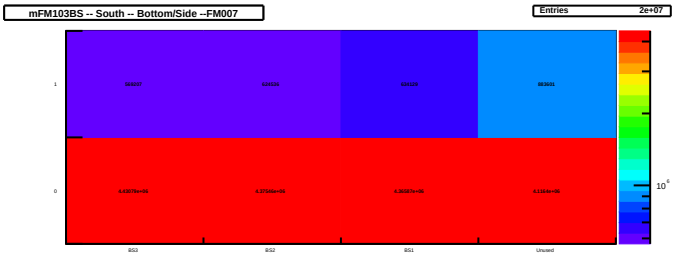
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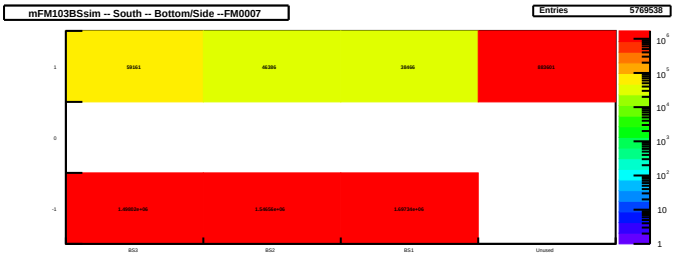
Entries 2e+07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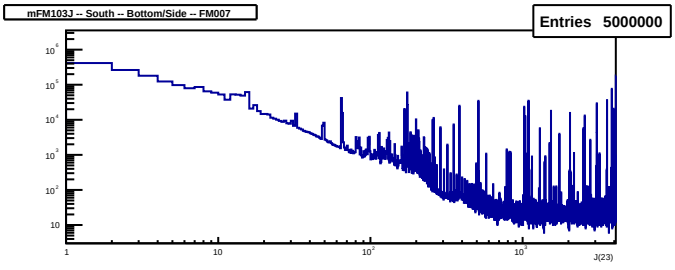
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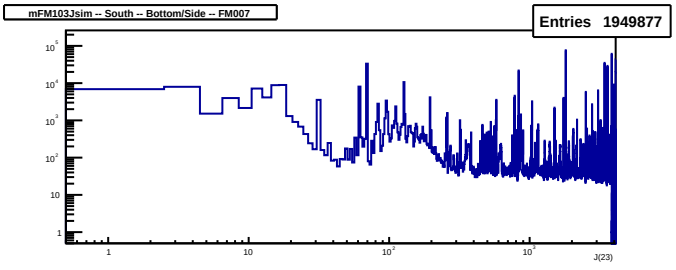
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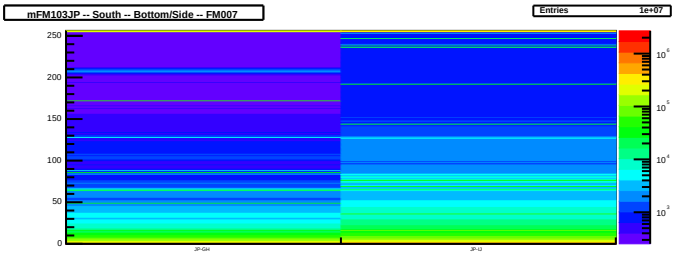
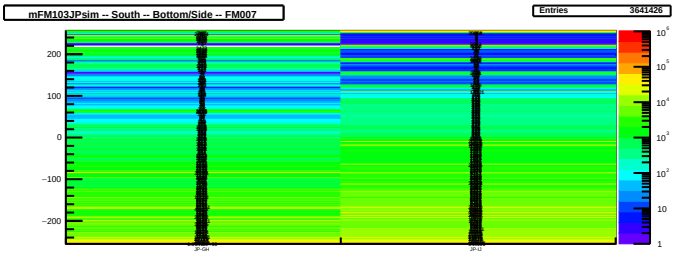
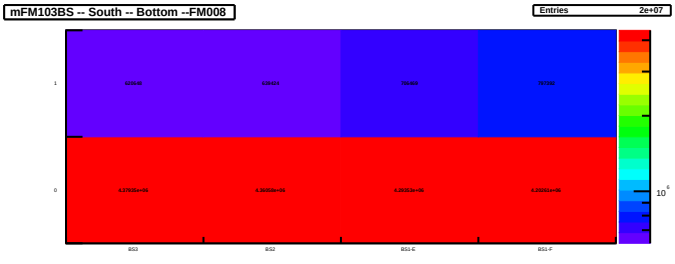
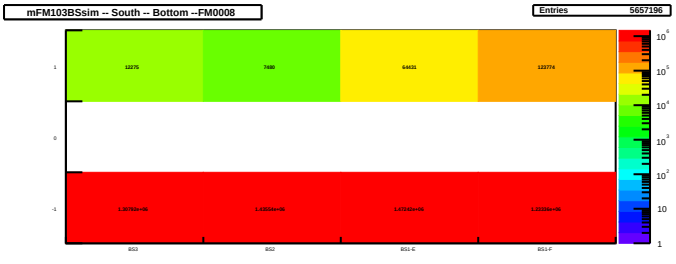
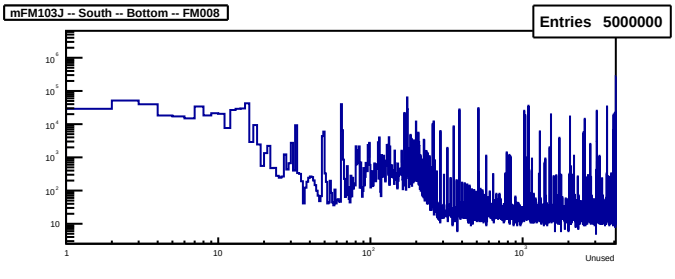
J(23)

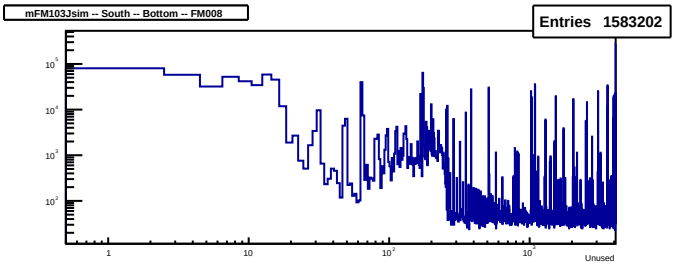

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1e+07

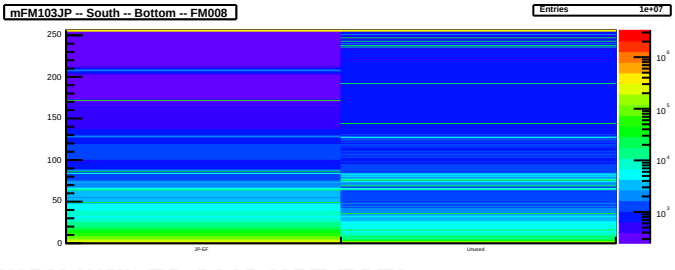

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3641426

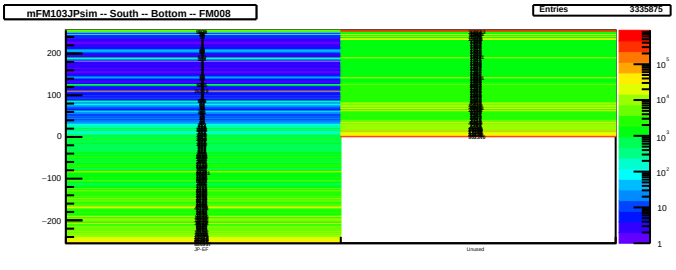

mFM103BS -- South -- Bottom --FM008
Entries 2e+07

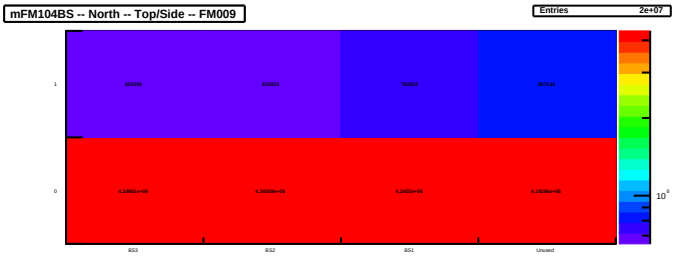

mFM103BSsim -- South -- Bottom --FM0008
Entries 5657196

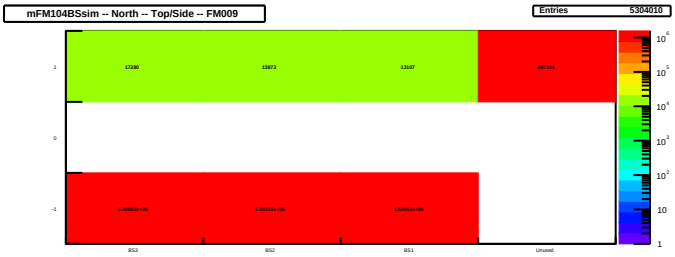

mFM103J -- South -- Bottom -- FM008
Entries 5000000
Unused

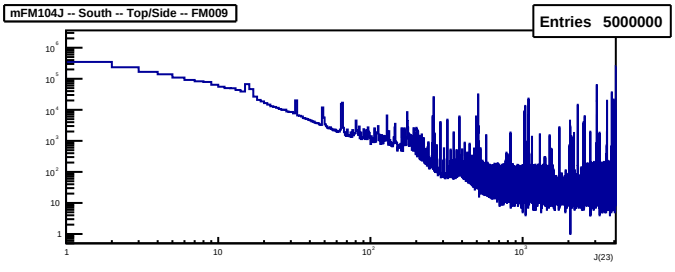

mFM103Jsim -- South -- Bottom -- FM008
Entries 1583202
Unused

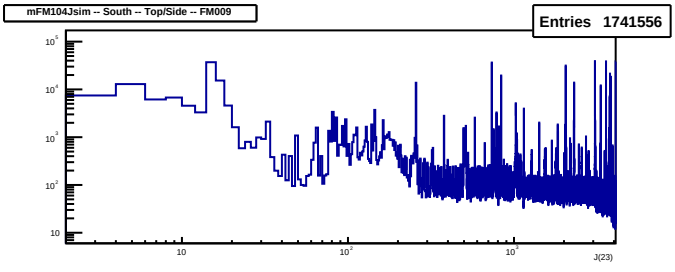

mFM103JP -- South -- Bottom -- FM008
Entries 1e+07

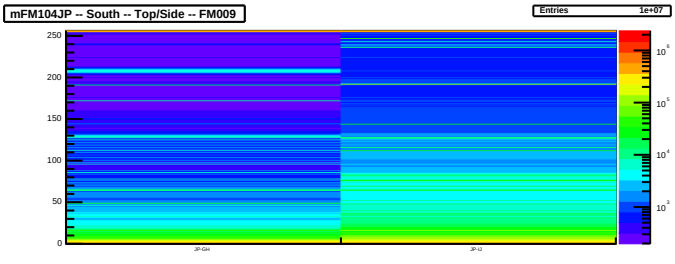

mFM103JPsim -- South -- Bottom -- FM008
Entries 3335875

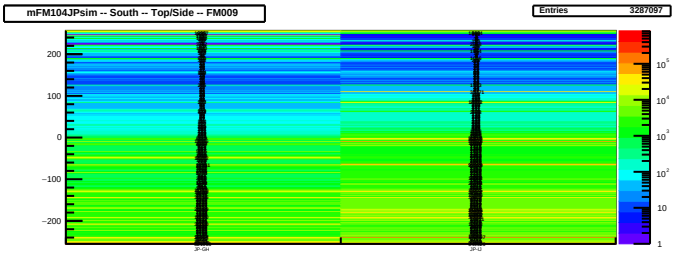

mFM104BS -- North -- Top/Side -- FM009
Entries 2e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5304010


mFM104J -- South -- Top/Side -- FM009
Entries 5000000
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1741556
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1e+07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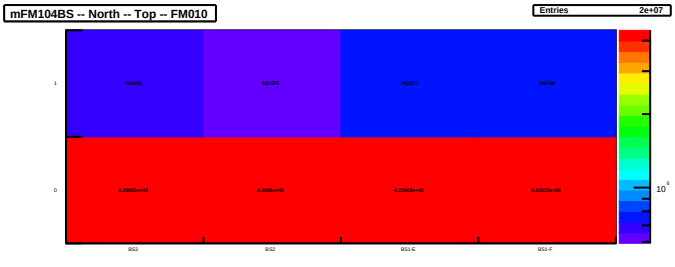
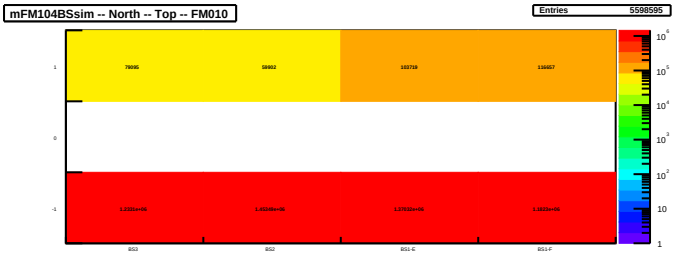
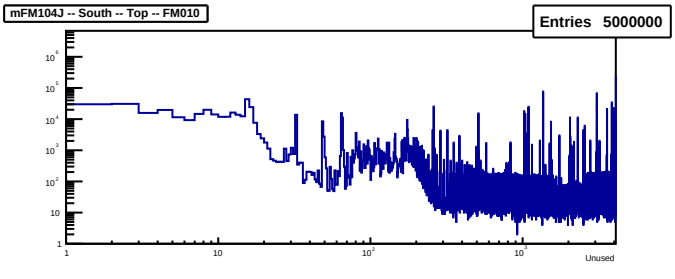
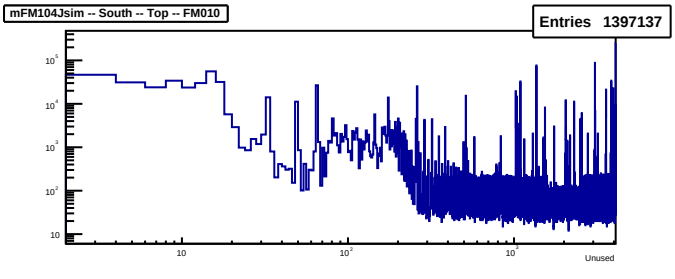
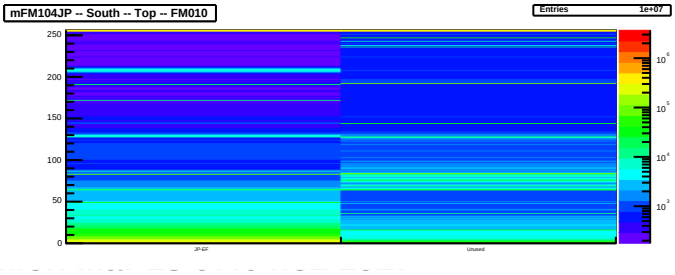
Entries 3287097

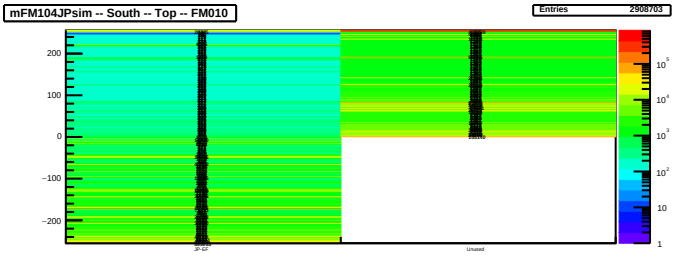

mFM104BS -- North -- Top -- FM010
Entries 2e+07

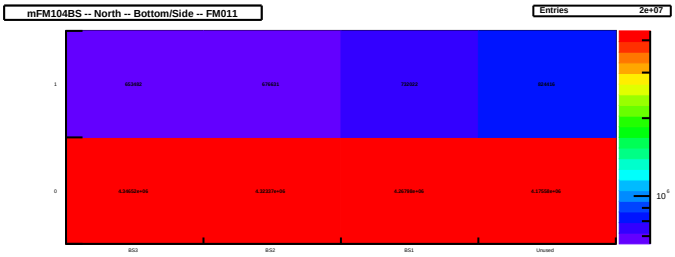

mFM104BSsim -- North -- Top -- FM010
Entries 5598595

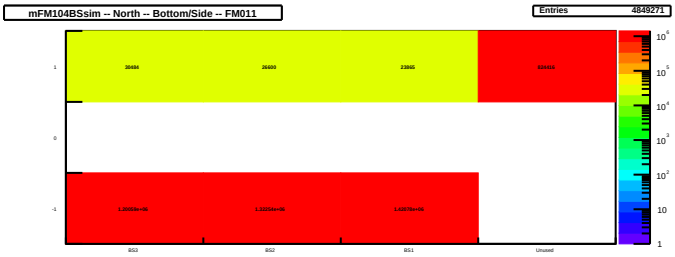

mFM104J -- South -- Top -- FM010
Entries 5000000
Unused

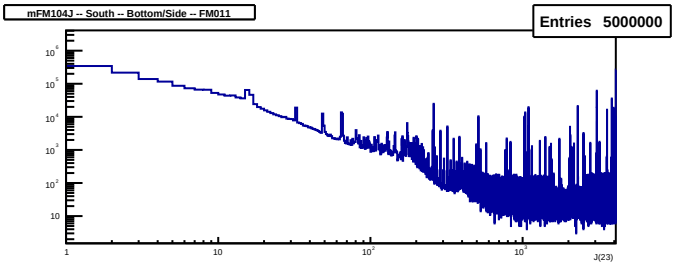

mFM104Jsim -- South -- Top -- FM010
Entries 1397137
Unused

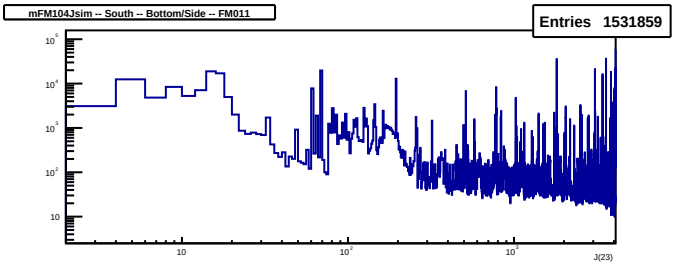

mFM104JP -- South -- Top -- FM010
Entries 1e+07

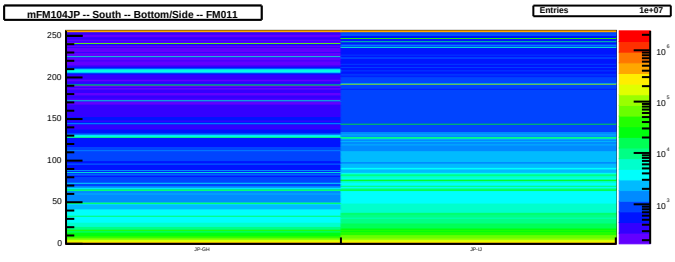

mFM104JPsim -- South -- Top -- FM010
Entries 2908703

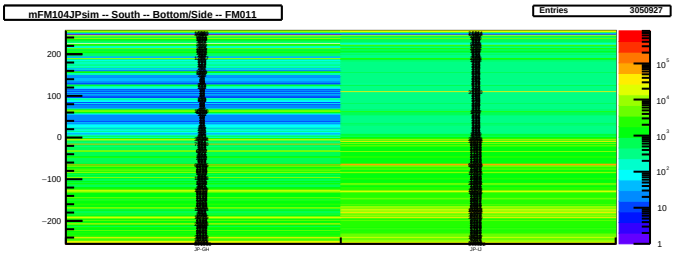

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2e+07

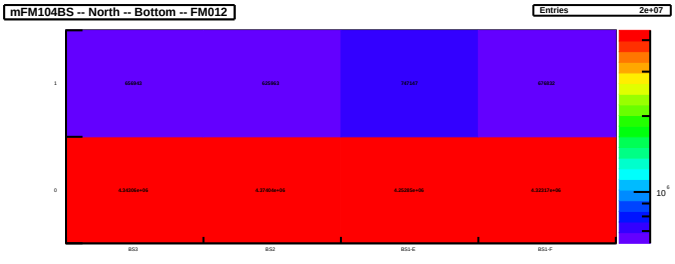

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4848271

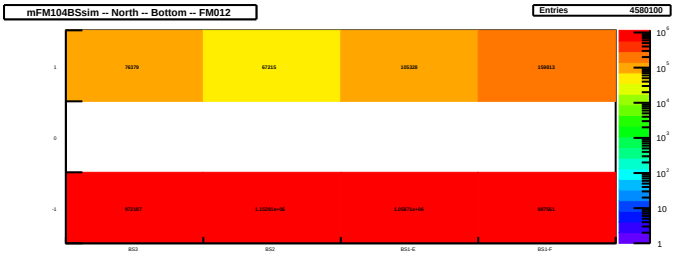

mFM104J -- South -- Bottom/Side -- FM011
Entries 5000000
J(23)

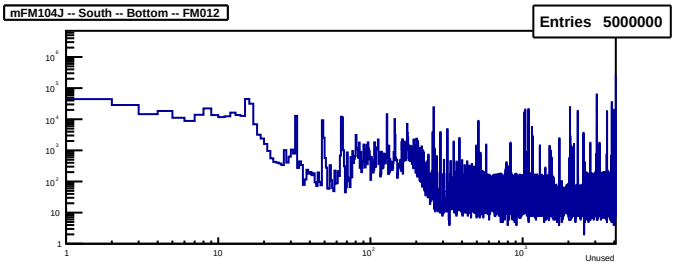

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1531859
J(23)

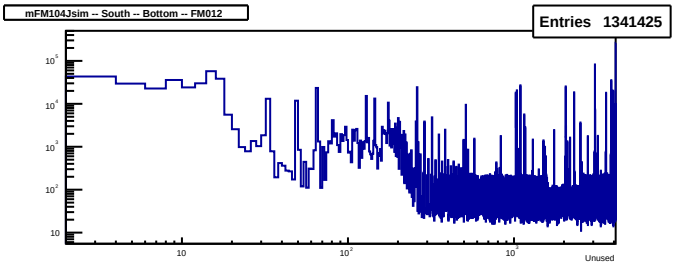

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1e+07

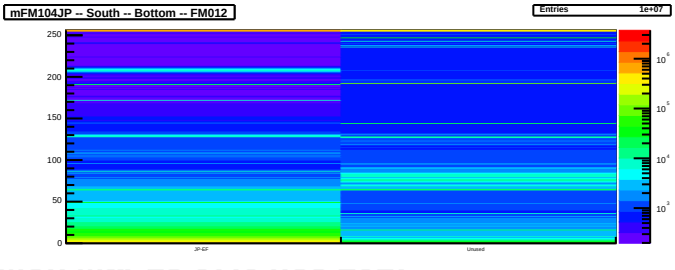

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3050927

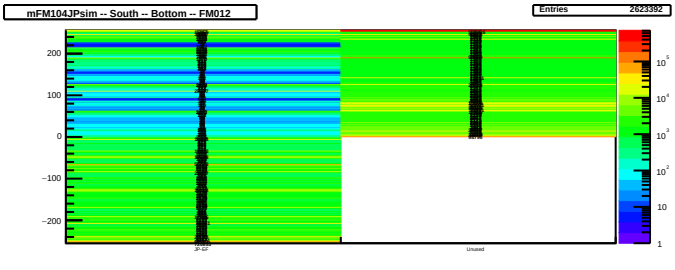

mFM104BS -- North -- Bottom -- FM012
Entries 2e+07

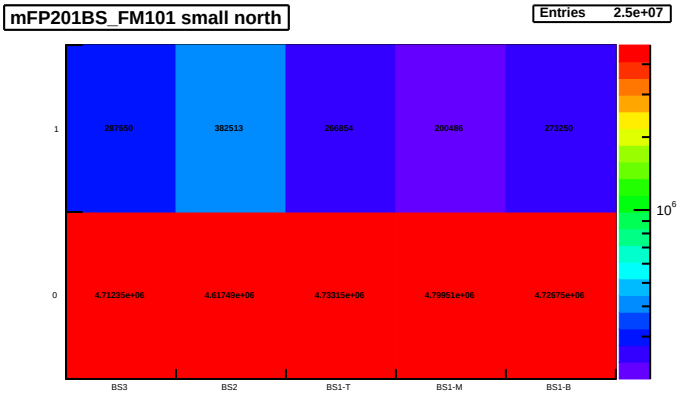

mFM104BSsim -- North -- Bottom -- FM012
Entries 4580100

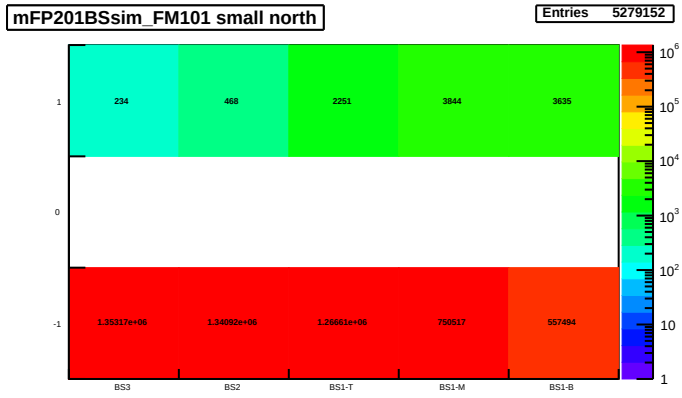

mFM104J -- South -- Bottom -- FM012
Entries 5000000
Unused

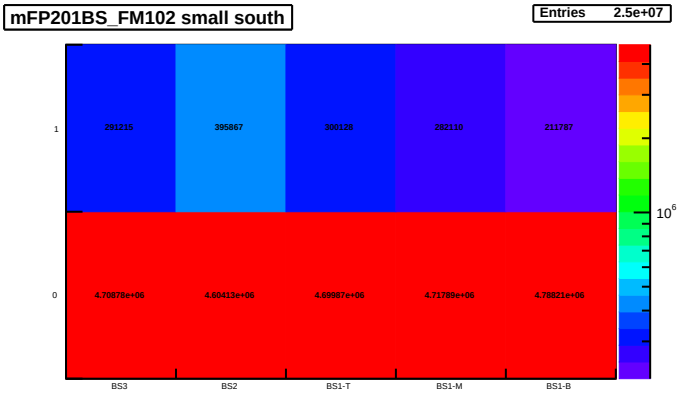

mFM104Jsim -- South -- Bottom -- FM012
Entries 1341425
Unused

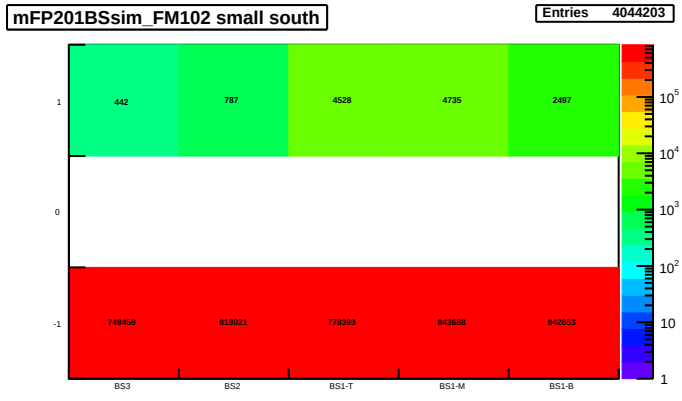

mFM104JP -- South -- Bottom -- FM012
Entries 1e+07

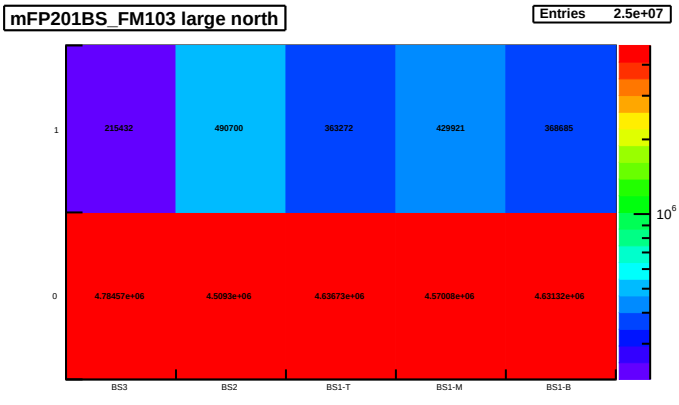

mFM104JPsim -- South -- Bottom -- FM012
Entries 2623392

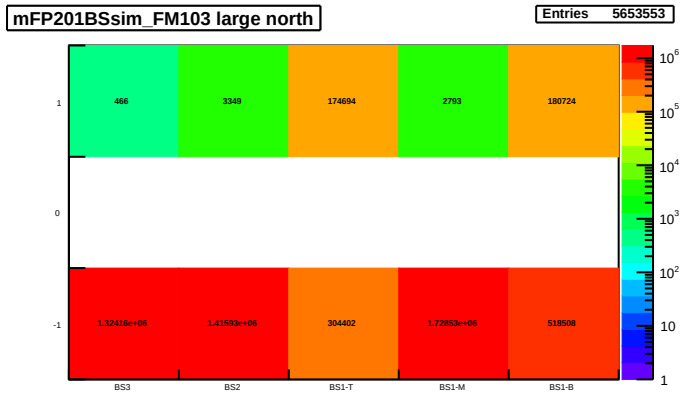

mFP201BS_FM101 small north
Entries 2.5e+07
287650
382513
266854
200486
273250
4.71235e+06
4.61749e+06
4.73315e+06
4.79951e+06
4.72675e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

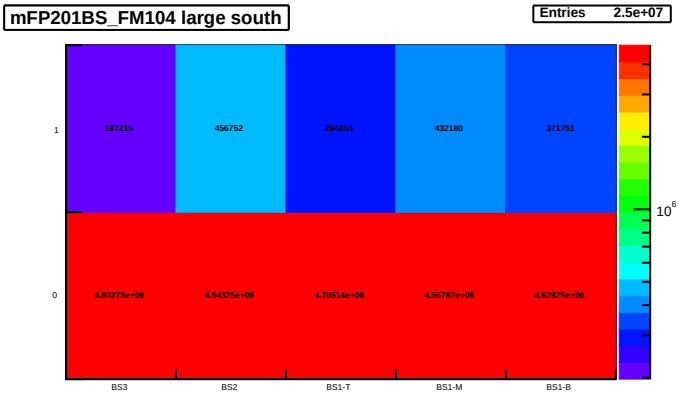

mFP201BSsim_FM101 small north
Entries 5279152
234
468
2251
3844
3635
1.35317e+06
1.34092e+06
1.26661e+06
750517
557494
BS3
BS2
BS1-T
BS1-M
BS1-B

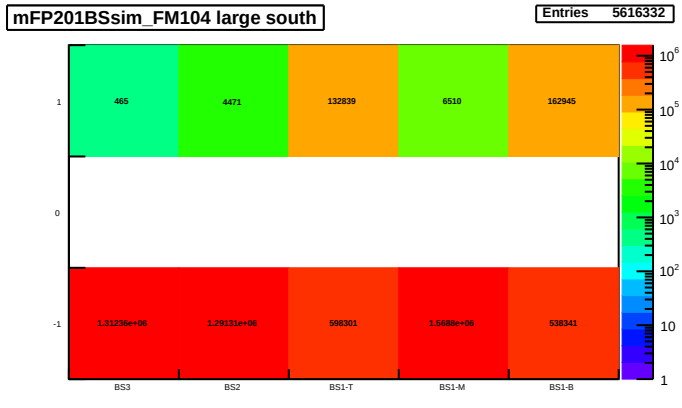

mFP201BS_FM102 small south
Entries 2.5e+07
291215
395867
300128
282110
211787
4.70878e+06
4.60413e+06
4.69987e+06
4.71789e+06
4.78821e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

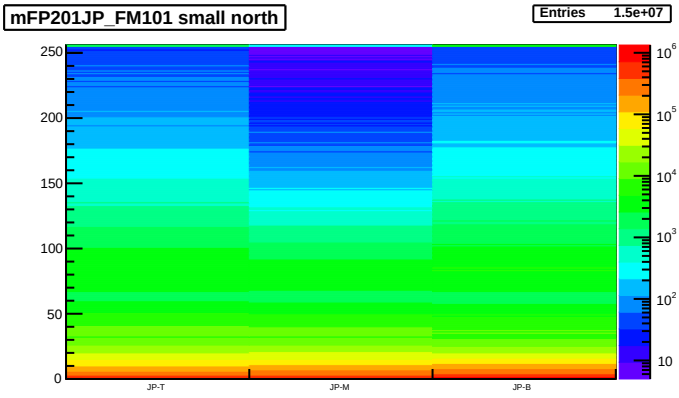

mFP201BSsim_FM102 small south
Entries 4044203
442
787
4528
4735
2497
748459
818021
778393
843688
842653
BS3
BS2
BS1-T
BS1-M
BS1-B

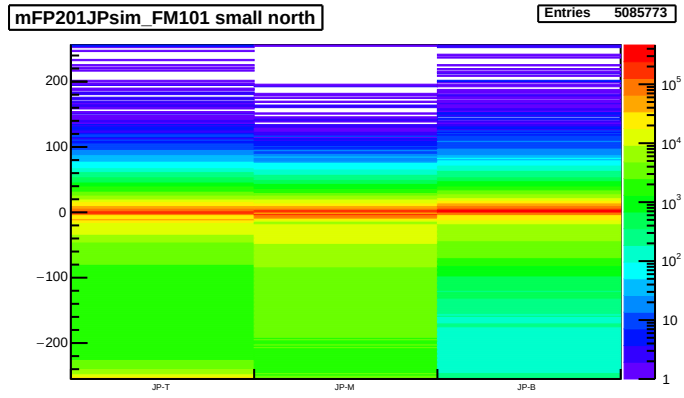

mFP201BS_FM103 large north
Entries 2.5e+07
215432
490700
363272
429921
368685
4.78457e+06
4.5093e+06
4.63673e+06
4.57008e+06
4.63132e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

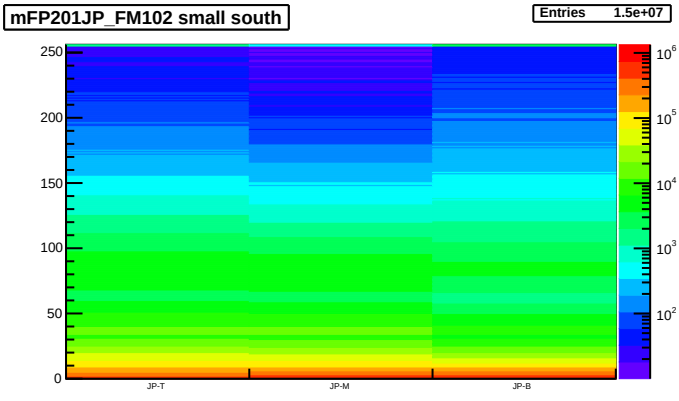

mFP201BSsim_FM103 large north
Entries 5653553
466
3349
174694
2793
180724
1.32416e+06
1.41593e+06
304402
1.72853e+06
518508
BS3
BS2
BS1-T
BS1-M
BS1-B

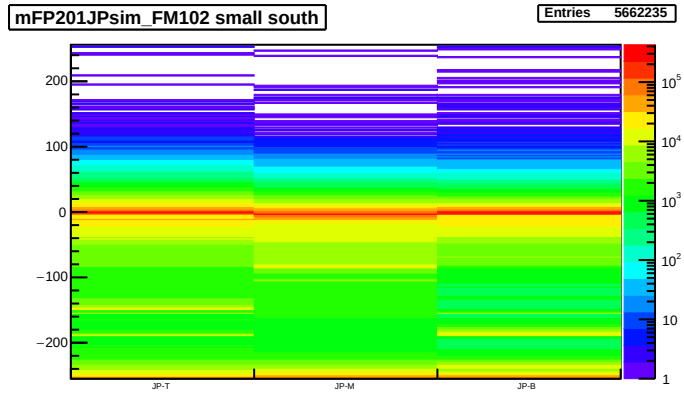

mFP201BS_FM104 large south
Entries 2.5e+07
197215
456752
294855
432180
371751
4.80278e+06
4.54325e+06
4.70514e+06
4.56782e+06
4.62825e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

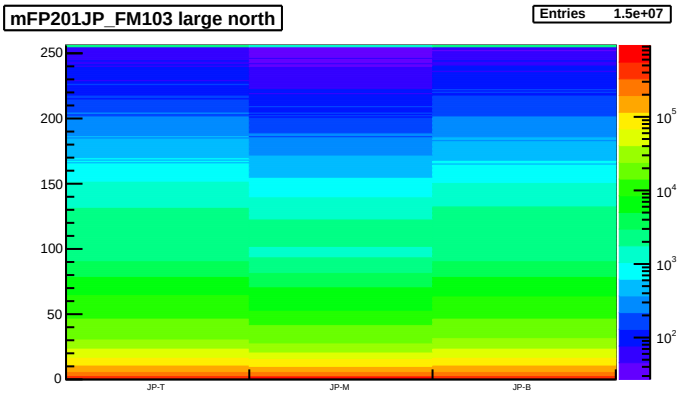

mFP201BSsim_FM104 large south
Entries 5616332
465
4471
132839
6510
162945
1.31236e+06
1.29131e+06
598301
1.5688e+06
538341
BS3
BS2
BS1-T
BS1-M
BS1-B

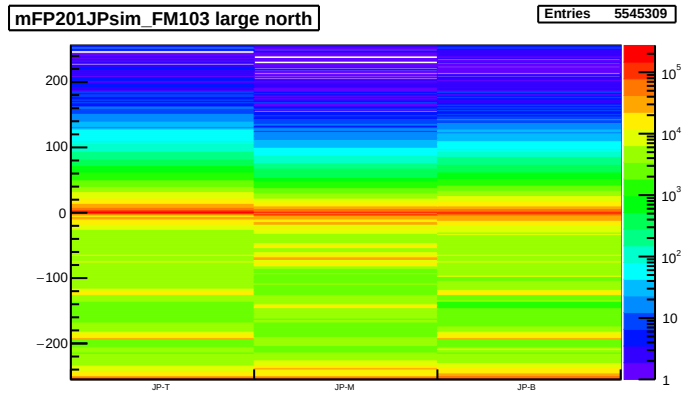

mFP201JP_FM101 small north
Entries 1.5e+07
JP-T
JP-M
JP-B

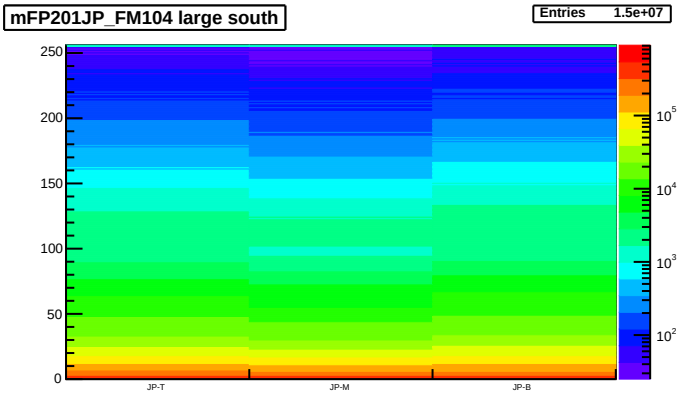

mFP201JPsim_FM101 small north
Entries 5085773
JP-T
JP-M
JP-B

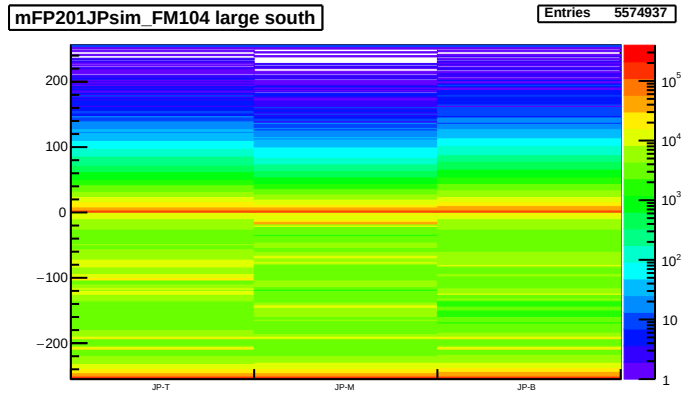

mFP201JP_FM102 small south
Entries 1.5e+07
JP-T
JP-M
JP-B

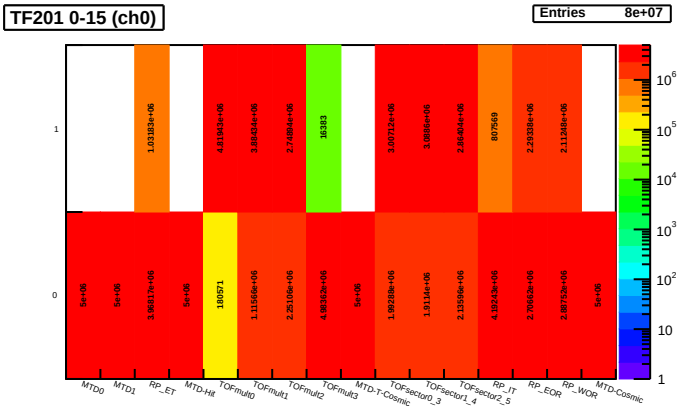

mFP201JPsim_FM102 small south
Entries 5662235
JP-T
JP-M
JP-B

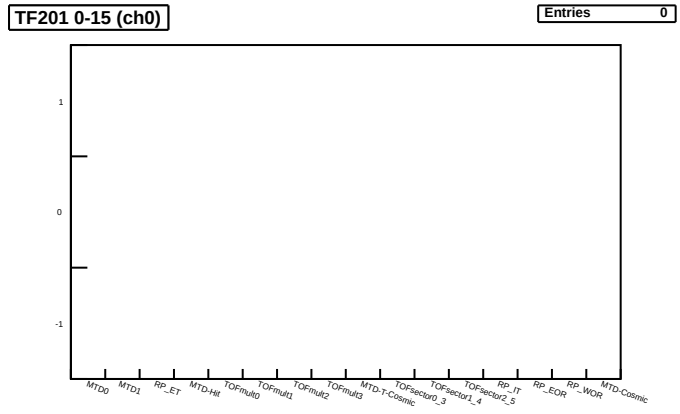

mFP201JP_FM103 large north
Entries 1.5e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 5545309
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.5e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5574937
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic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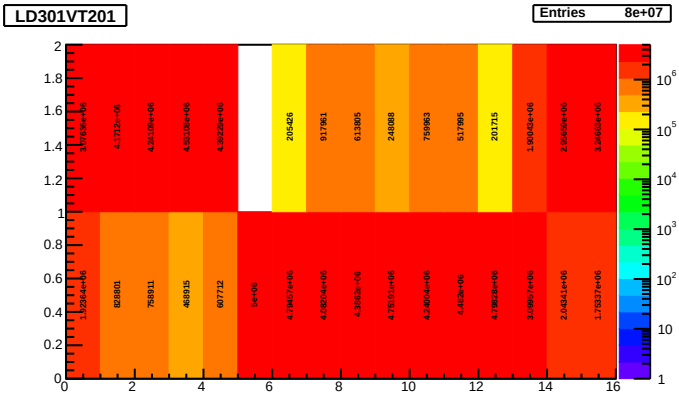
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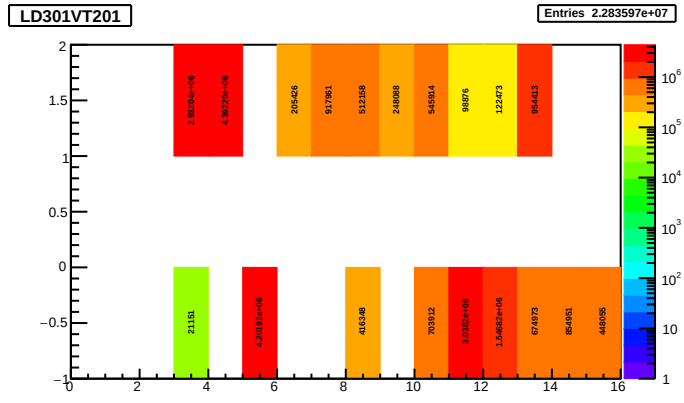
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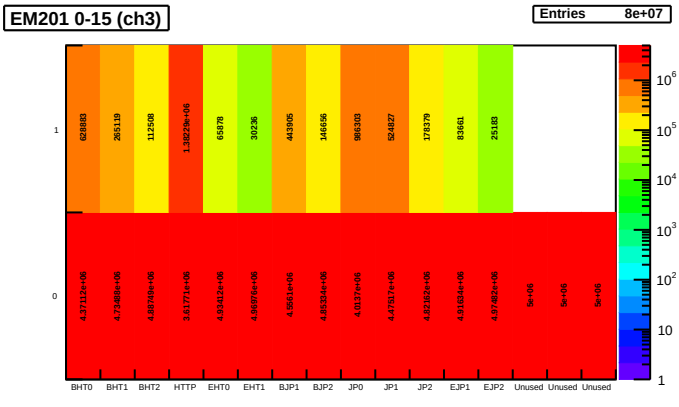
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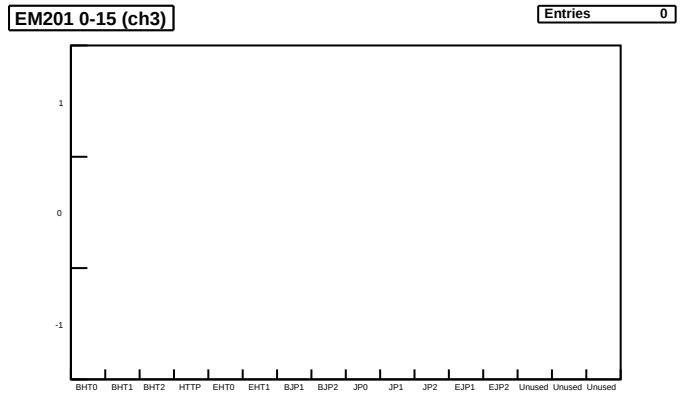
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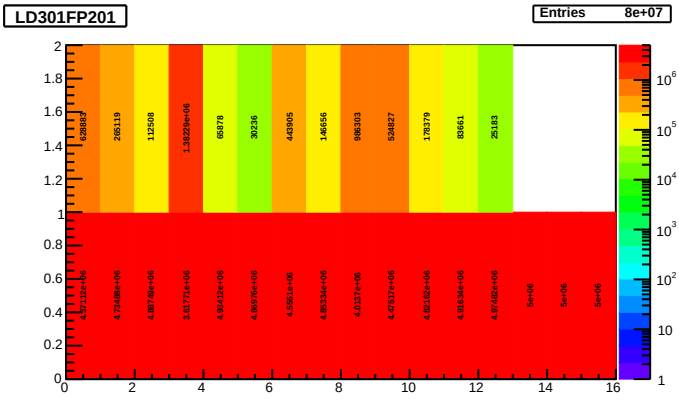
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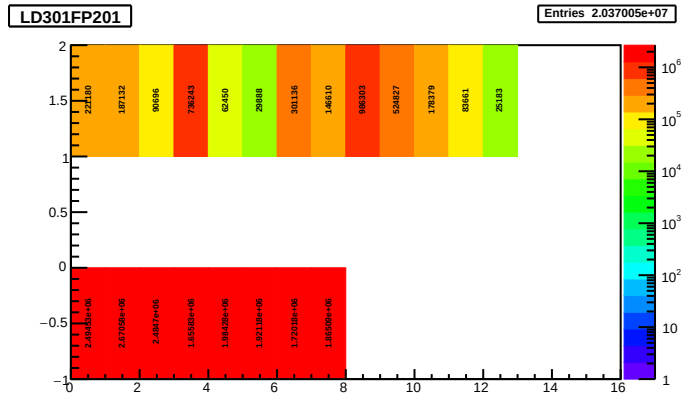
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