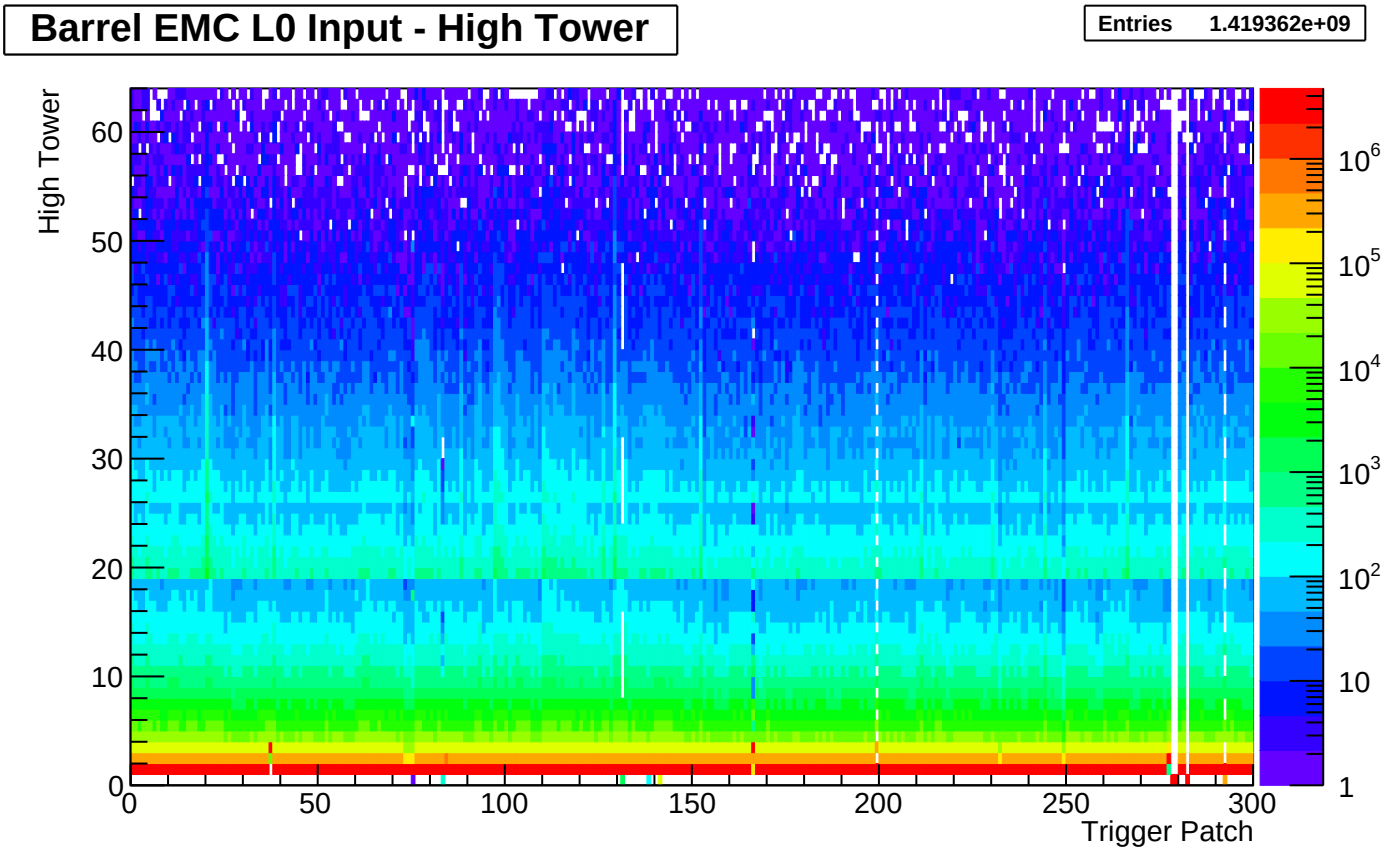
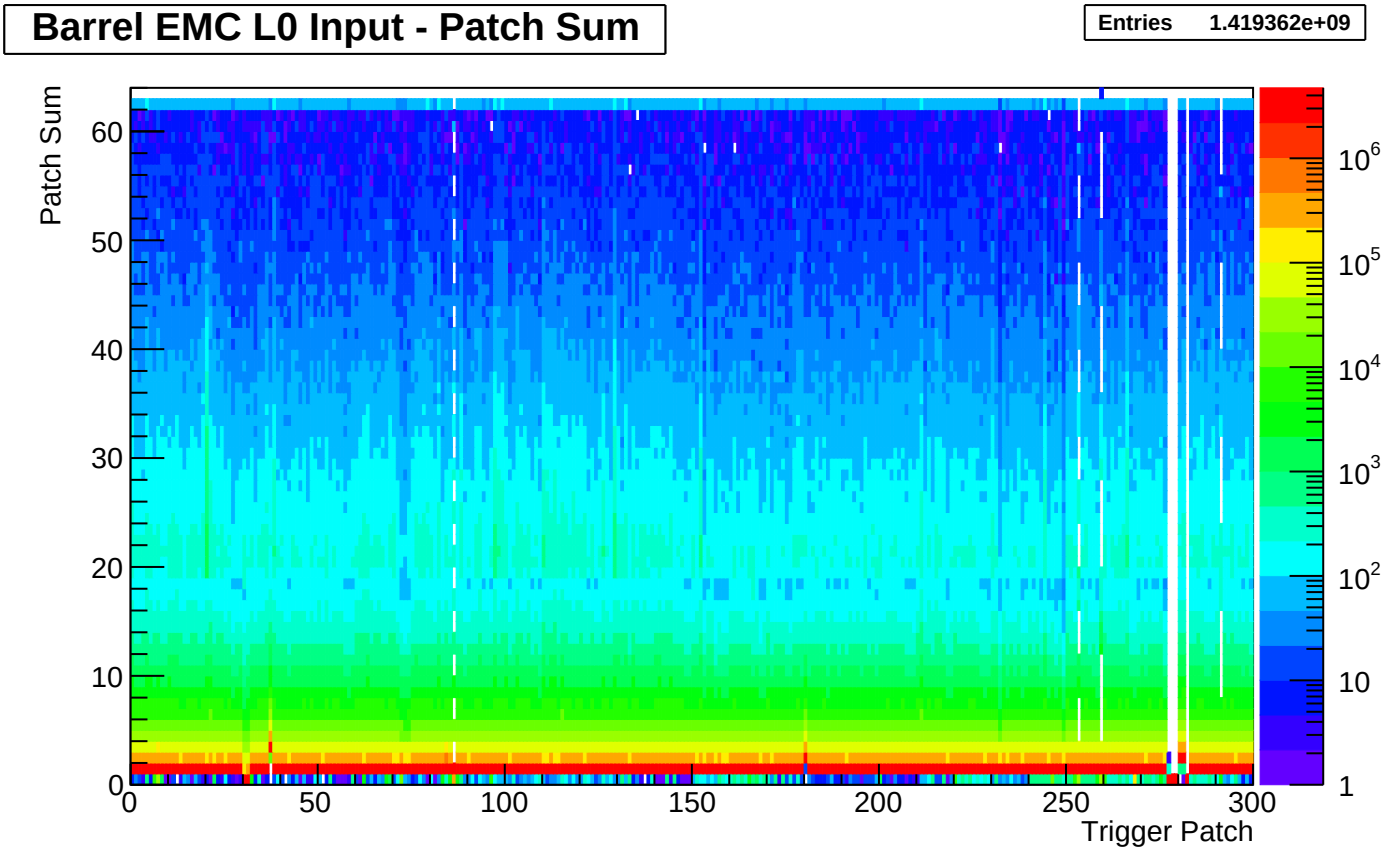
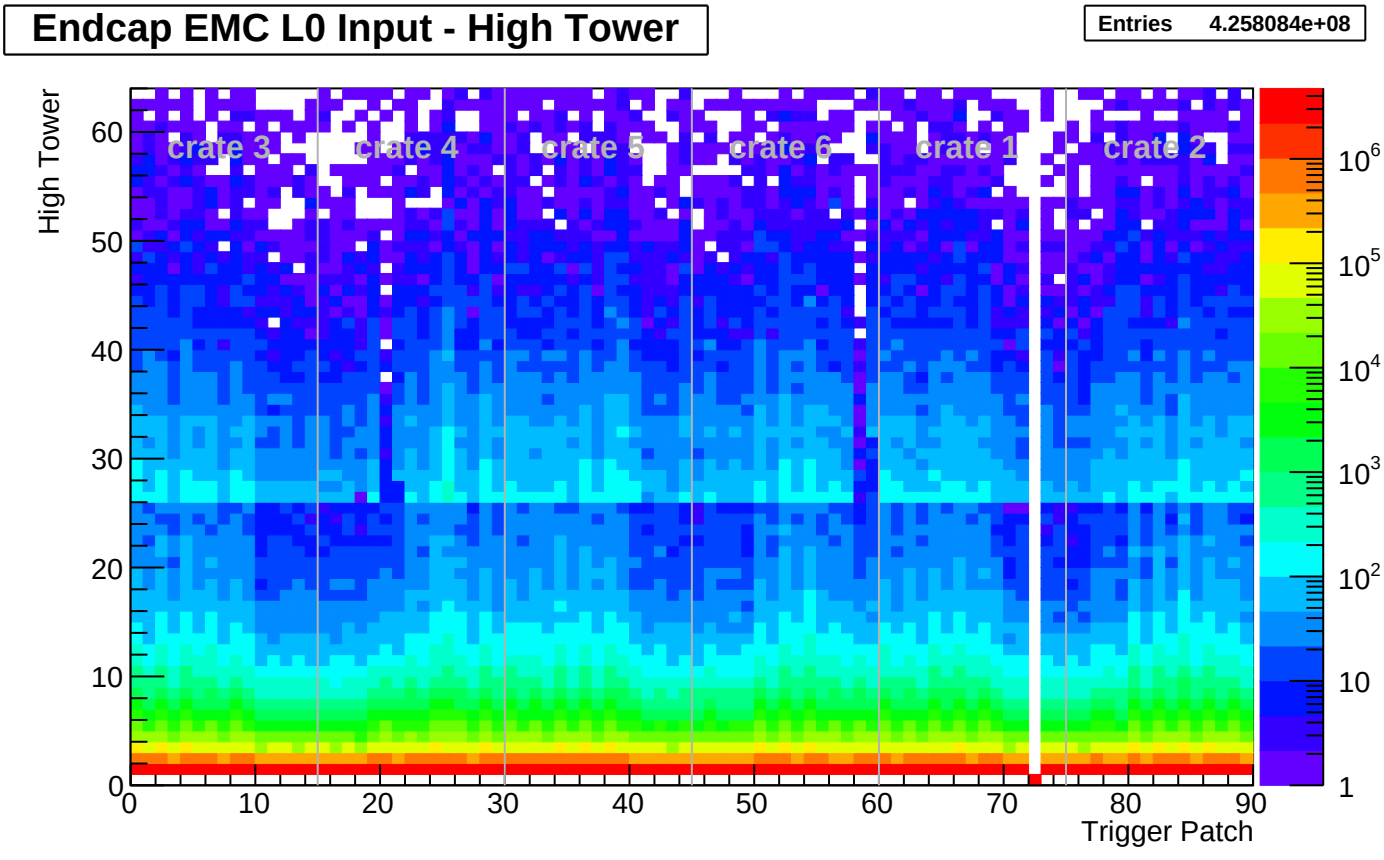
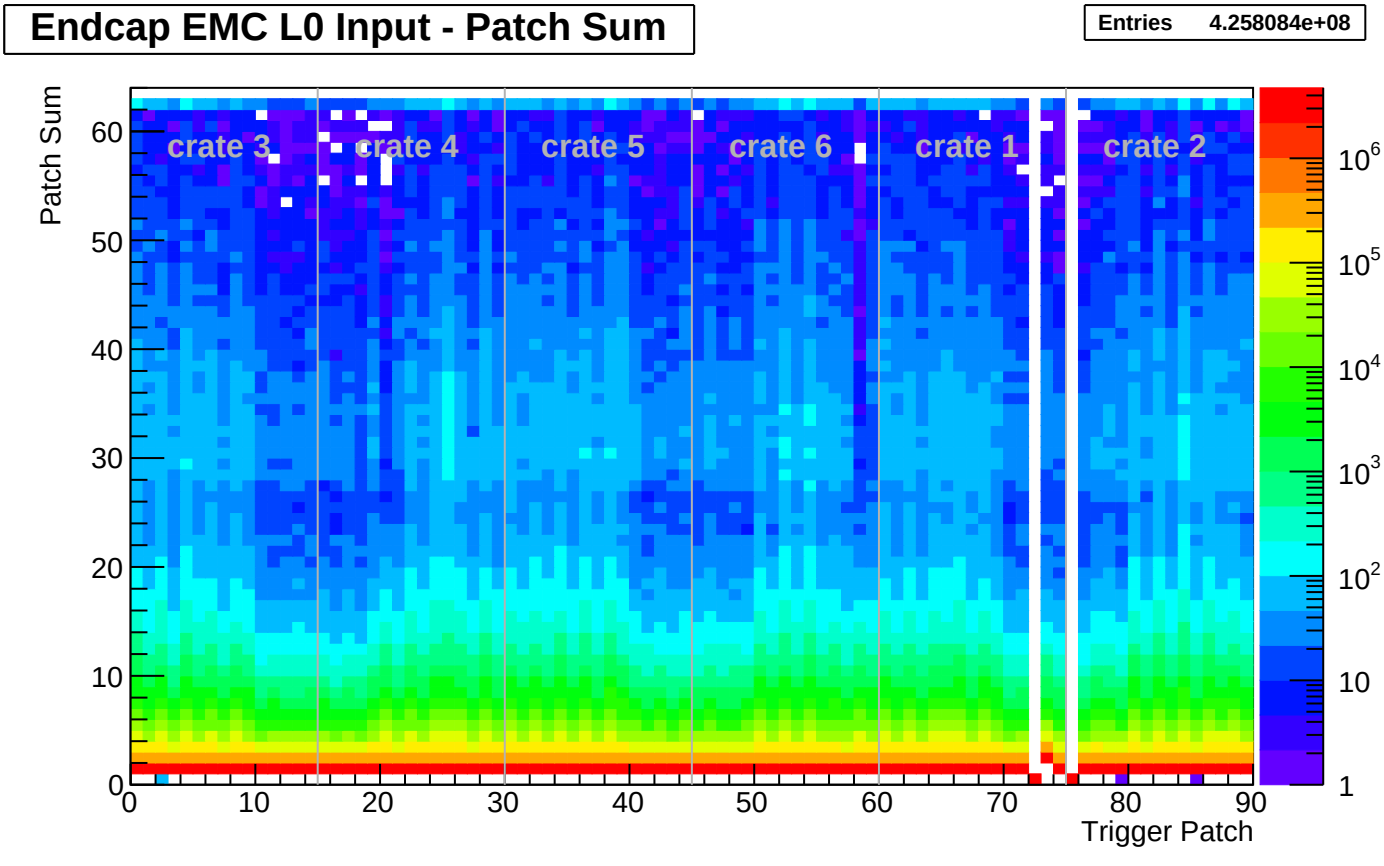
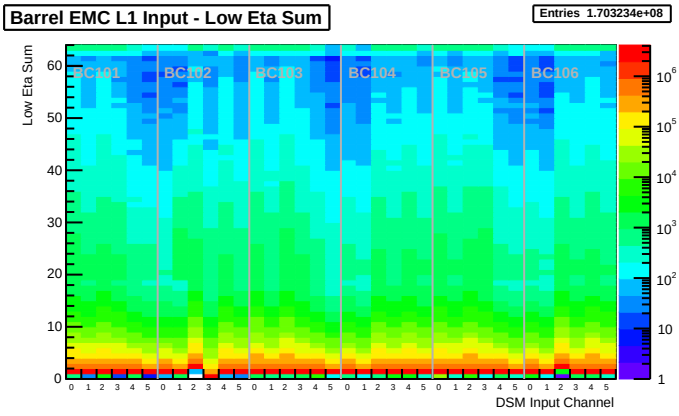
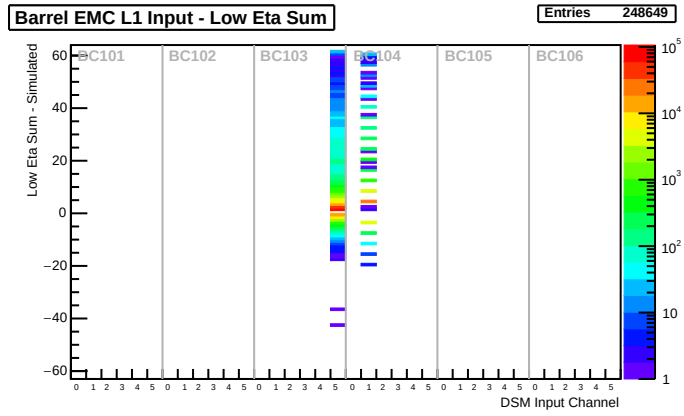

Barrel EMC L0 Input - High Tower
Entries 1.419362e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

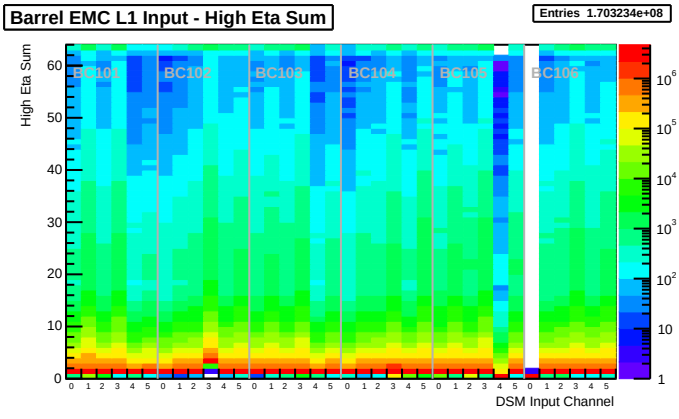

Barrel EMC L0 Input - Patch Sum
Entries 1.419362e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

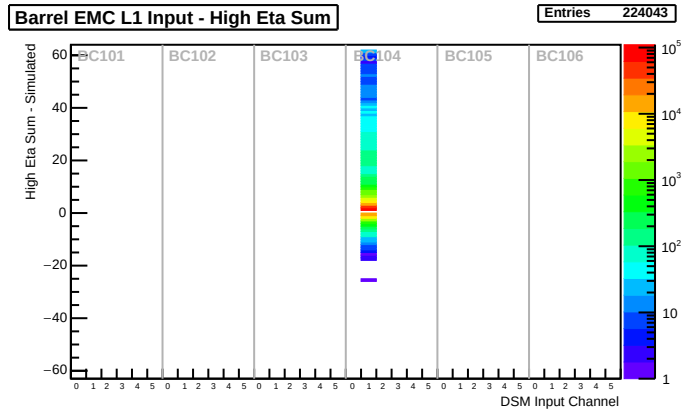

Endcap EMC L0 Input - High Tower
Entries 4.258084e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

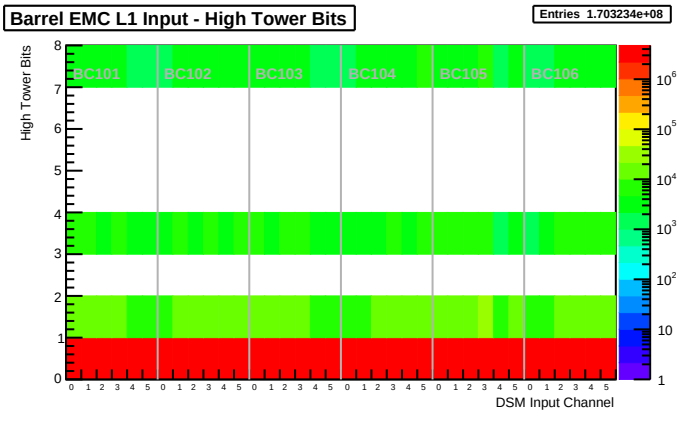

Endcap EMC L0 Input - Patch Sum
Entries 4.258084e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

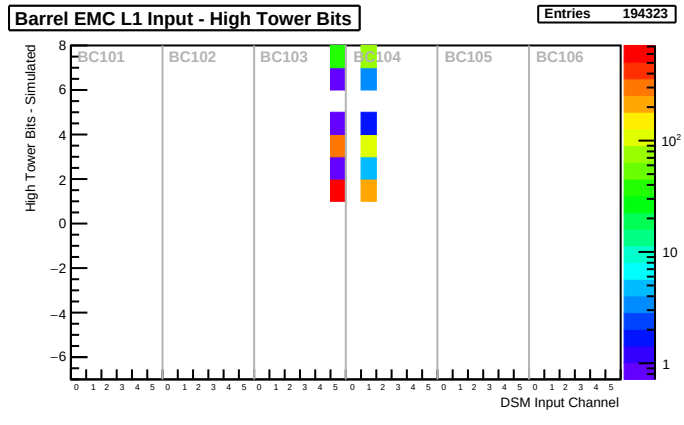

Barrel EMC L1 Input - Low Eta Sum
Entries 1.703234e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

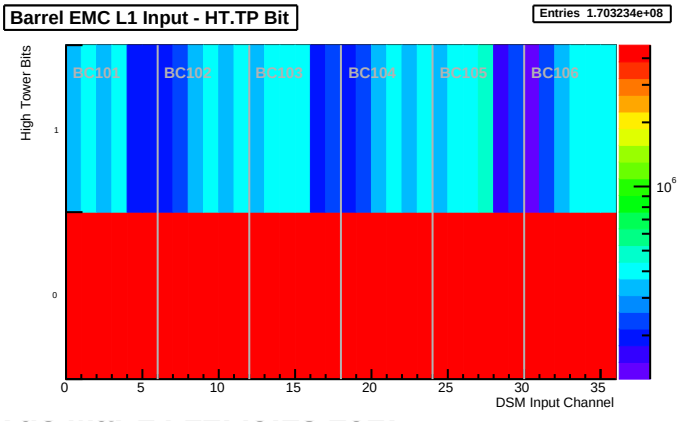

Barrel EMC L1 Input - Low Eta Sum
Entries 248649
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

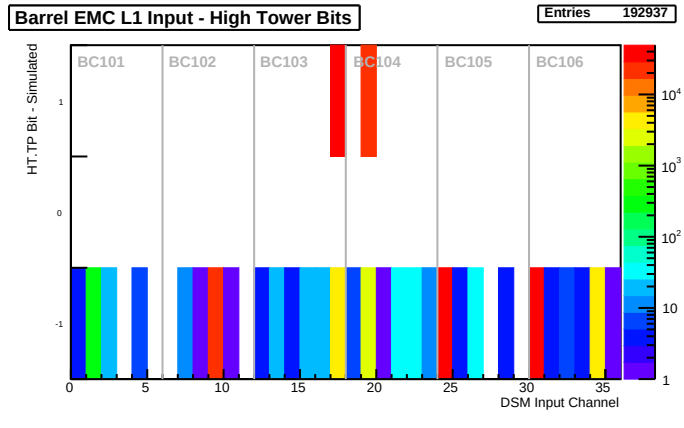

Barrel EMC L1 Input - High Eta Sum
Entries 1.703234e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

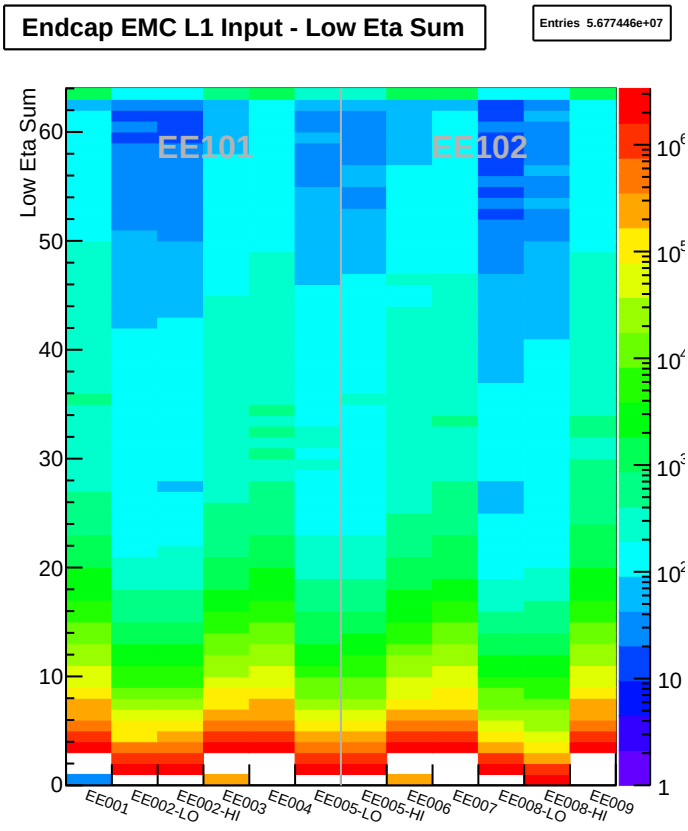

Barrel EMC L1 Input - High Eta Sum
Entries 224043
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

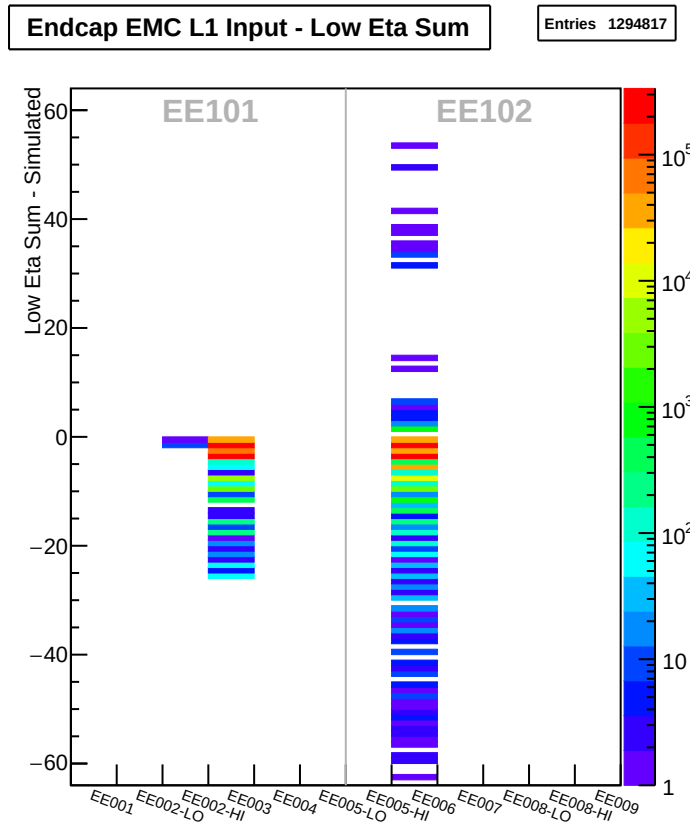

Barrel EMC L1 Input - High Tower Bits
Entries 1.703234e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

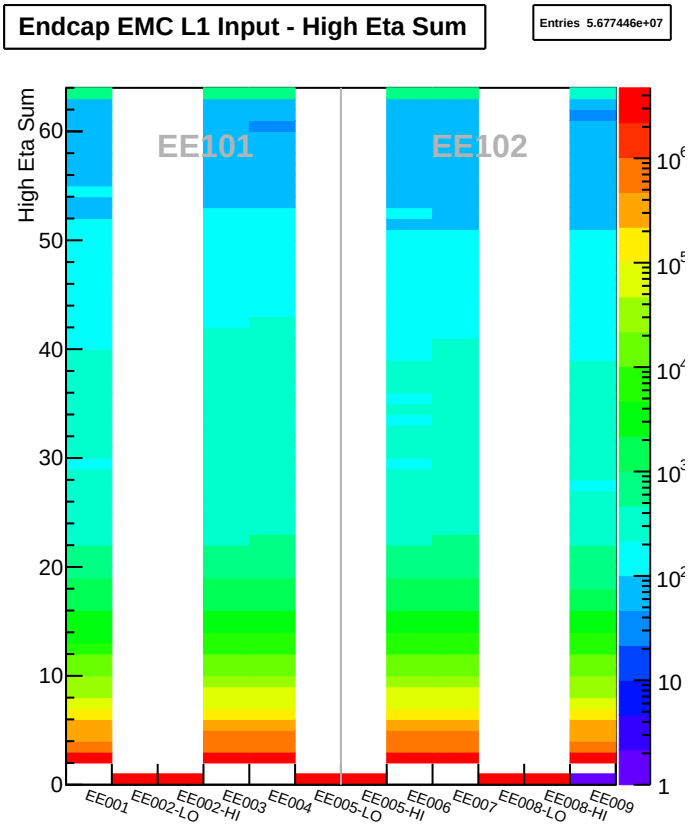

Barrel EMC L1 Input - High Tower Bits
Entries 194323
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

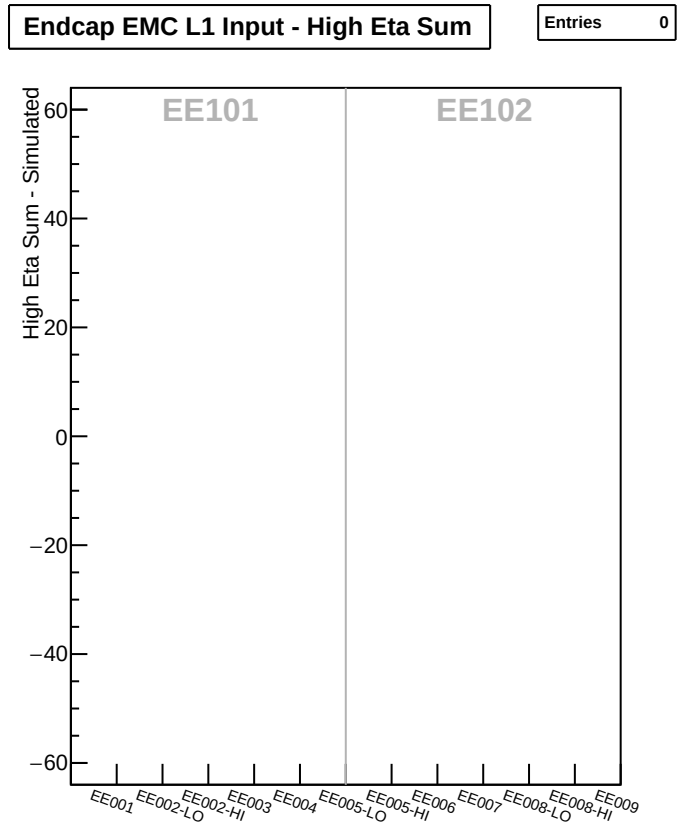

Barrel EMC L1 Input - HT.TP Bit
Entries 1.703234e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

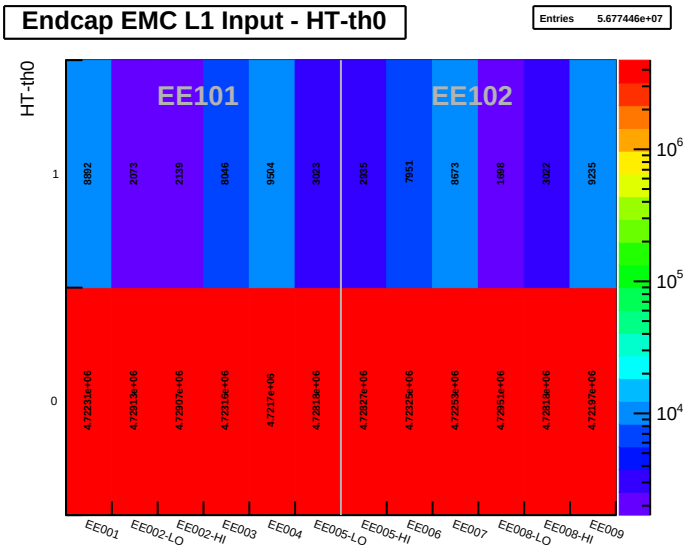

Barrel EMC L1 Input - High Tower Bits
Entries 192937
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

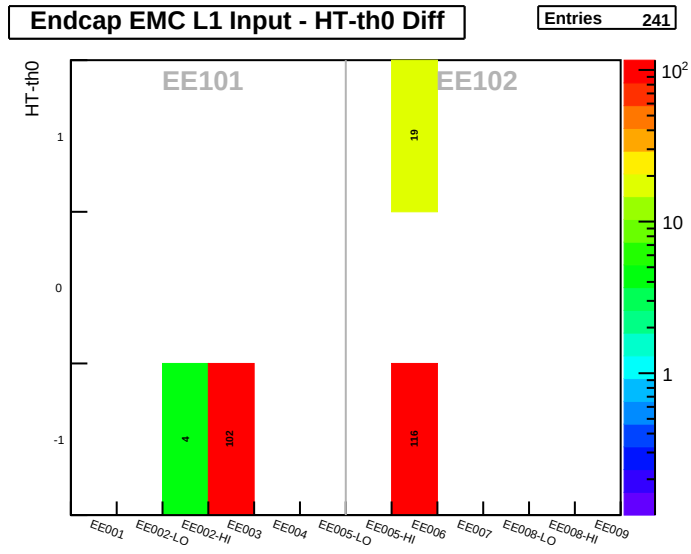

Endcap EMC L1 Input - Low Eta Sum
Entries 5.677446e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

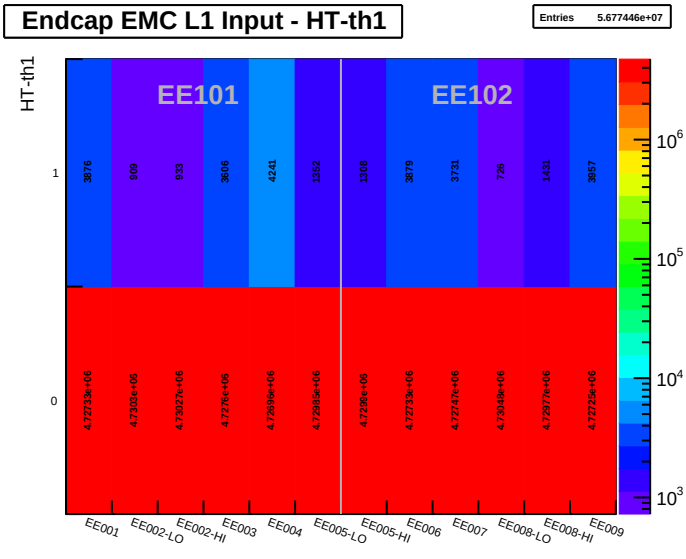

Endcap EMC L1 Input - Low Eta Sum
Entries 1294817
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

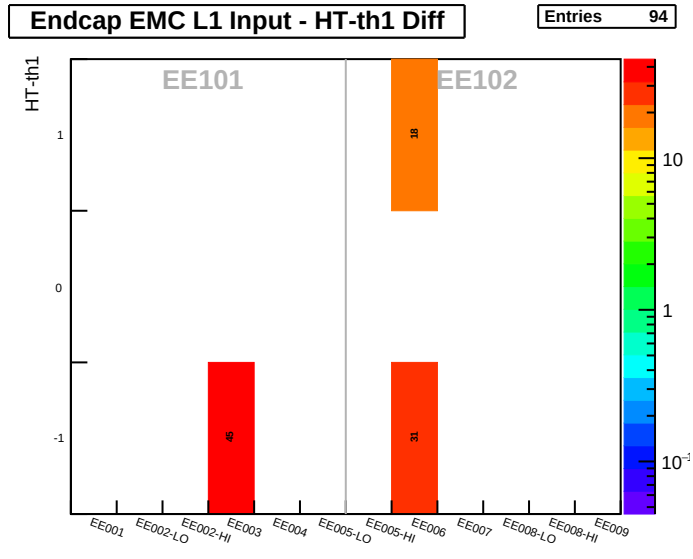

Endcap EMC L1 Input - High Eta Sum
Entries 5.677446e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

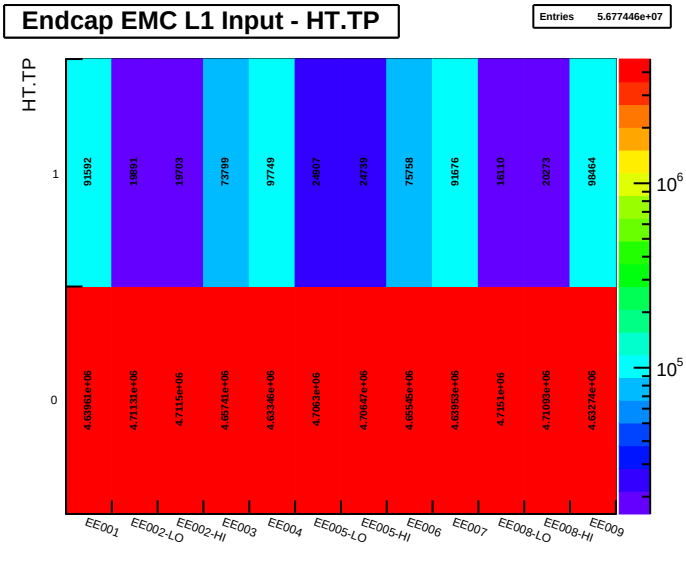

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

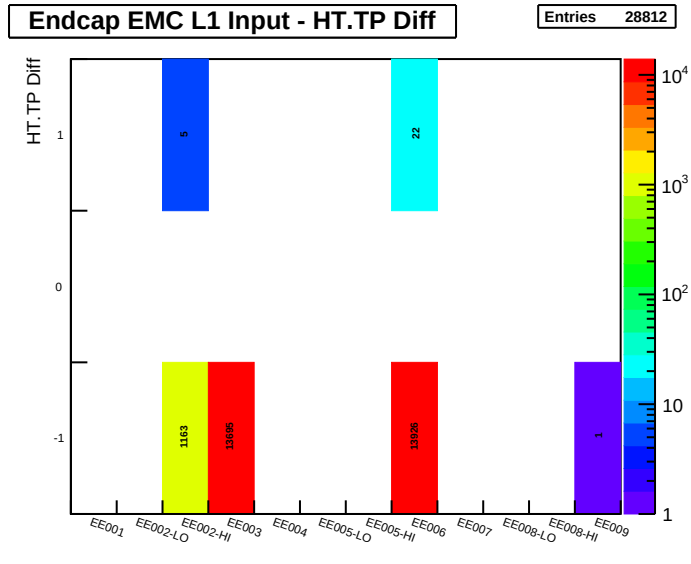

Endcap EMC L1 Input - HT-th0
Entries 5.677446e+07
HT-th0
EE101
EE102
8892 2073 2139 8046 9504 3023 2355 7951 8673 1698 3022 9235
4.72231e+06 4.72913e+06 4.72907e+06 4.72316e+06 4.7217e+06 4.72318e+06 4.72827e+06 4.72325e+06 4.72253e+06 4.72351e+06 4.72818e+06 4.72197e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

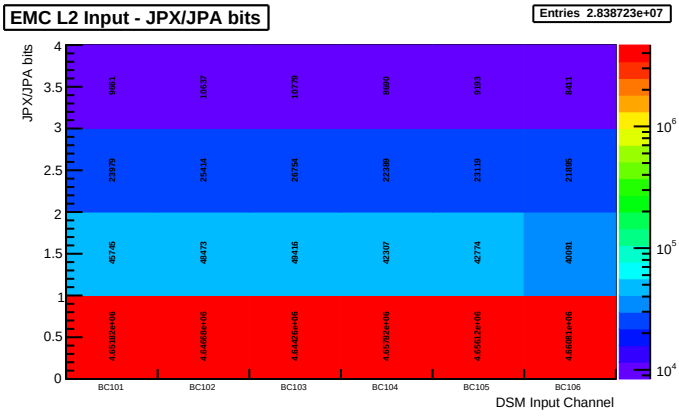

Endcap EMC L1 Input - HT-th0 Diff
Entries 241
HT-th0
EE101
EE102
19
4 102 116
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

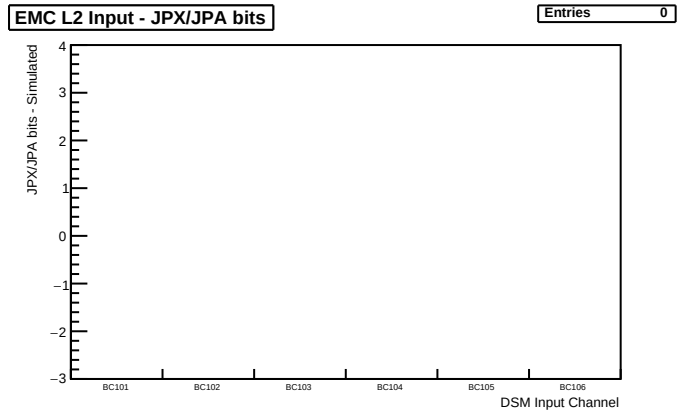

Endcap EMC L1 Input - HT-th1
Entries 5.677446e+07
HT-th1
EE101
EE102
3876 909 933 3606 4241 1352 1308 3879 3731 726 1431 3957
4.72753e+06 4.7303e+06 4.73027e+06 4.7276e+06 4.72896e+06 4.72985e+06 4.7239e+06 4.72753e+06 4.72747e+06 4.73048e+06 4.72977e+06 4.72725e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

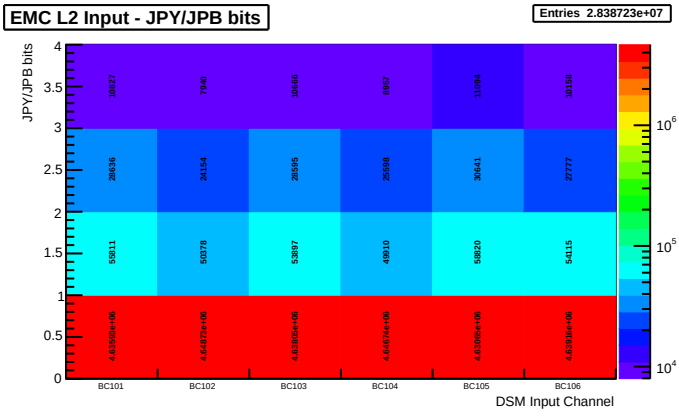

Endcap EMC L1 Input - HT-th1 Diff
Entries 94
HT-th1
EE101
EE102
18
45 31
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

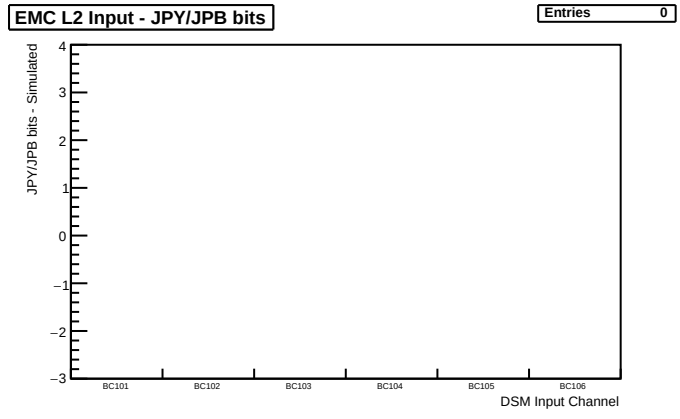

Endcap EMC L1 Input - HT.TP
Entries 5.677446e+07
HT.TP
91592 19891 19703 73799 97749 24007 24739 75758 91676 16110 20273 98464
4.63961e+06 4.71131e+06 4.7115e+06 4.65741e+06 4.63346e+06 4.7063e+06 4.70647e+06 4.65545e+06 4.63953e+06 4.7151e+06 4.71093e+06 4.63274e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

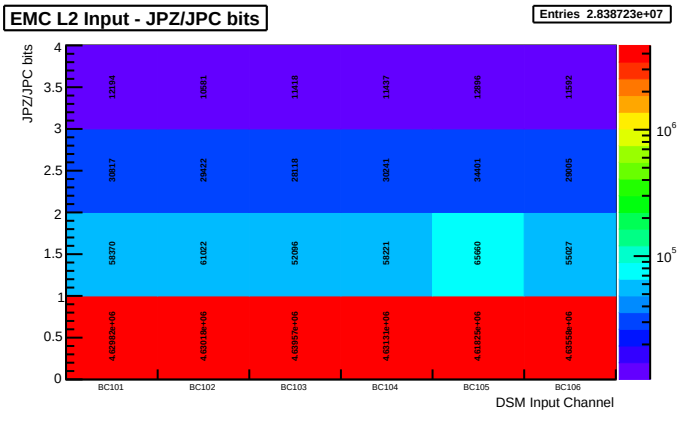

Endcap EMC L1 Input - HT.TP Diff
Entries 28812
HT.TP Diff
5
22
1163 13695
13926
1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

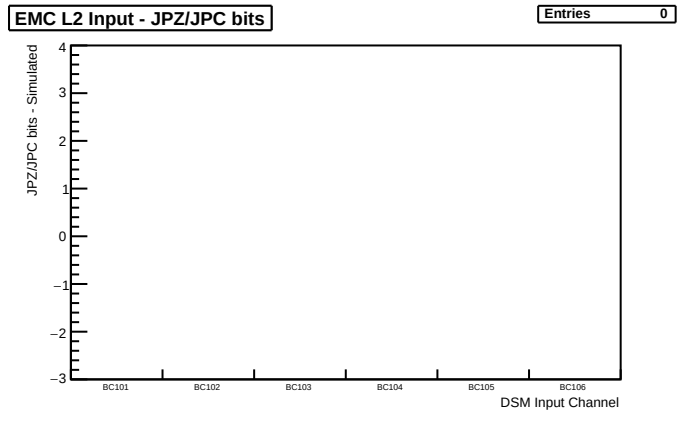

EMC L2 Input - JPX/JPA bits
Entries 2.838723e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9661
10637
10779
8890
9133
8411
23979
25414
26754
22389
23119
21895
45745
49473
49416
42307
42774
40991
4.65182e+06
4.64668e+06
4.64426e+06
4.65782e+06
4.65612e+06
4.66081e+06

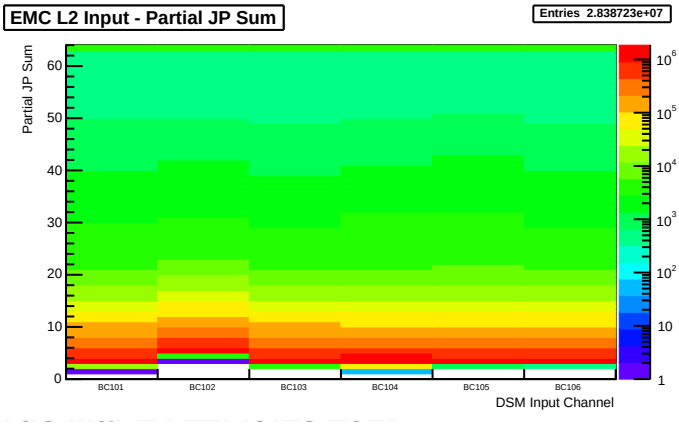

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

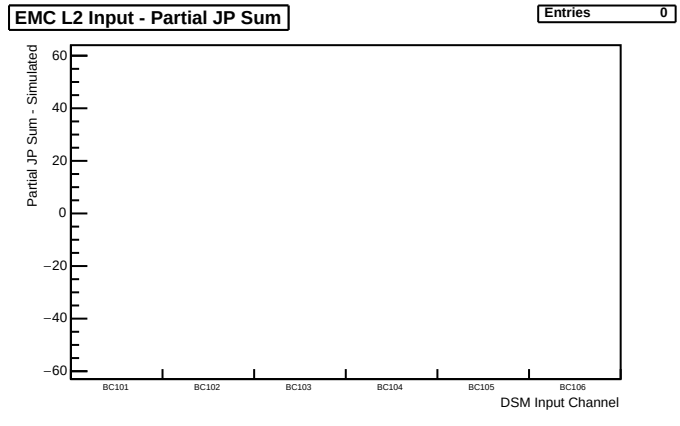

EMC L2 Input - JPY/JPB bits
Entries 2.838723e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10827
7940
10666
8957
11094
10158
29836
24154
26595
25598
30641
27777
59811
50378
53897
49910
58820
54115
4.63569e+06
4.64879e+06
4.63905e+06
4.64674e+06
4.63065e+06
4.63316e+06

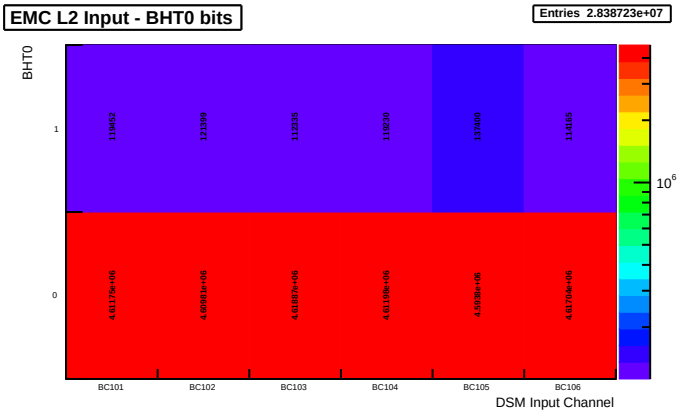

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

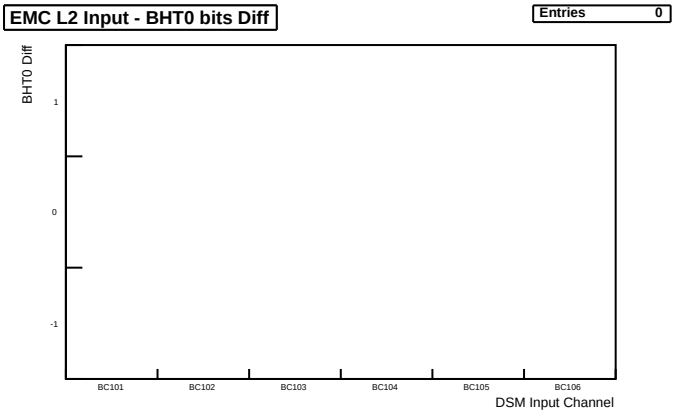

EMC L2 Input - JPZ/JPC bits
Entries 2.838723e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12134
10931
11018
11437
12896
11522
30017
29422
28118
30341
34401
29005
58370
61022
52086
58221
65660
55027
4.62962e+06
4.63018e+06
4.63957e+06
4.63113e+06
4.61825e+06
4.63559e+06

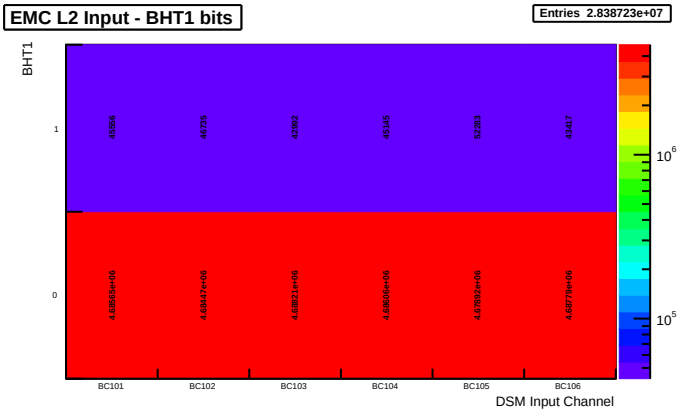

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

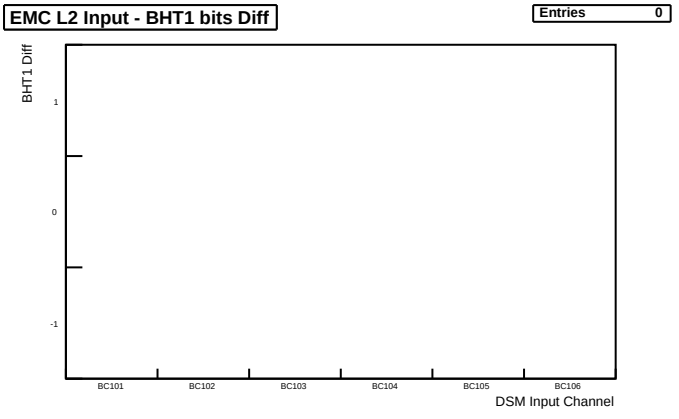

EMC L2 Input - Partial JP Sum
Entries 2.838723e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

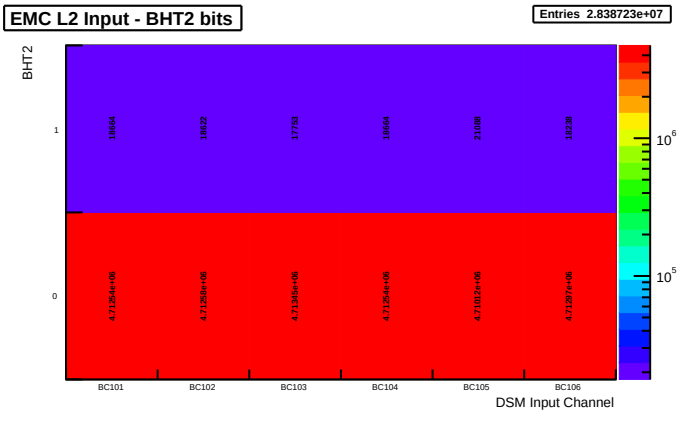

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

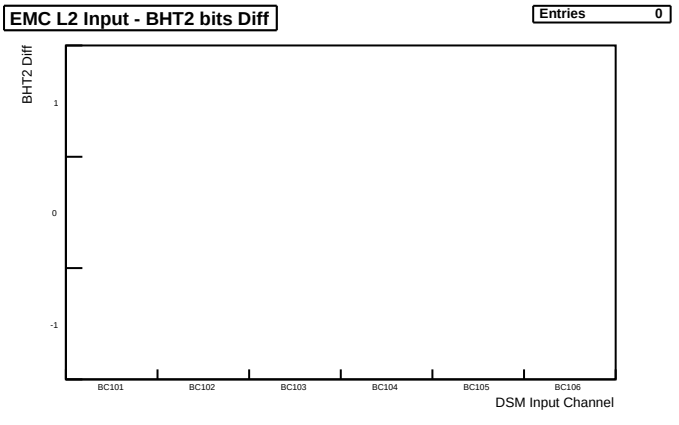

EMC L2 Input - BHT0 bits
Entries 2.838723e+07
BHT0
1
0
119452
121399
112335
119230
137400
114165
4.61179e+06
4.60981e+06
4.61887e+06
4.61198e+06
4.5939e+06
4.61704e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

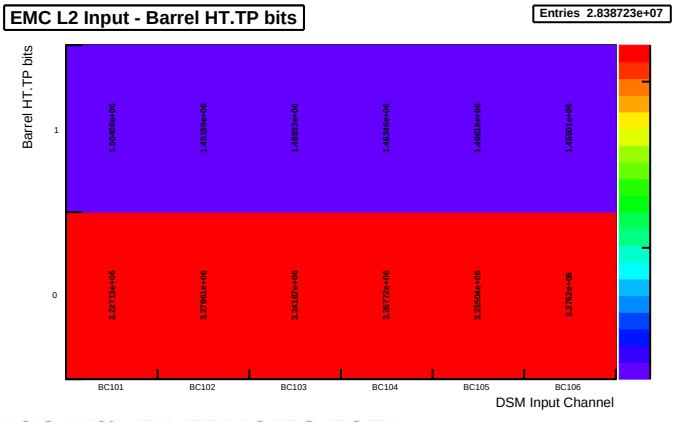

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

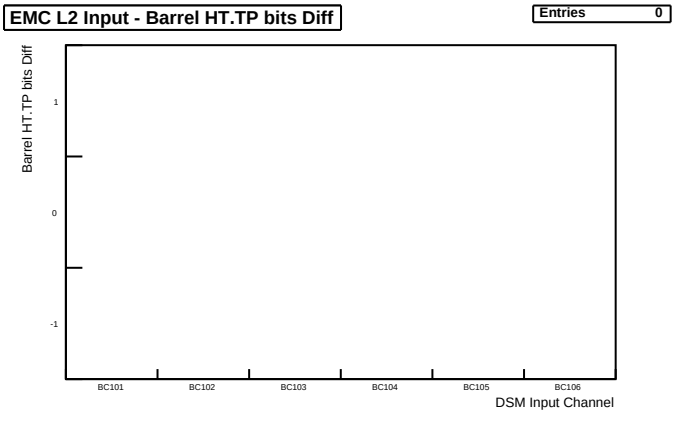

EMC L2 Input - BHT1 bits
Entries 2.838723e+07
BHT1
1
0
45556
46735
42992
45145
52283
45417
4.68565e+06
4.68447e+06
4.68921e+06
4.68606e+06
4.67892e+06
4.68779e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

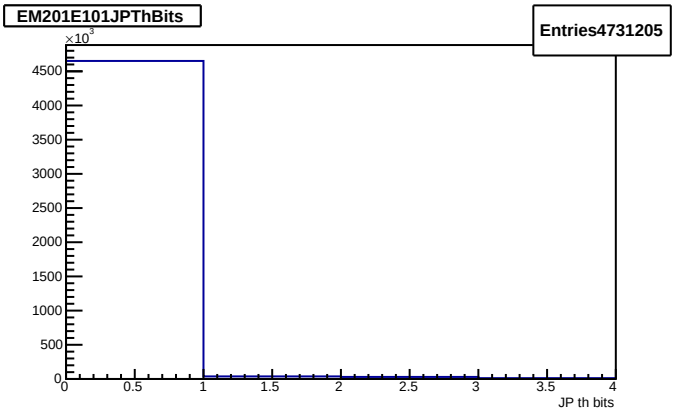

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

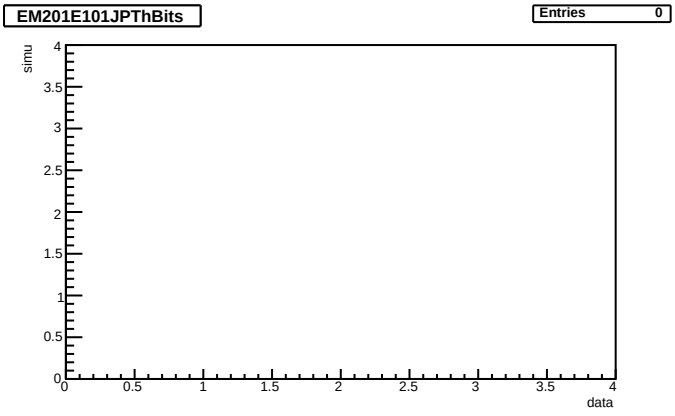

EMC L2 Input - BHT2 bits
Entries 2.838723e+07
BHT2
1
0
18564
18622
17753
18664
21188
18238
4.71254e+06
4.71258e+06
4.71345e+06
4.71254e+06
4.71012e+06
4.71287e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

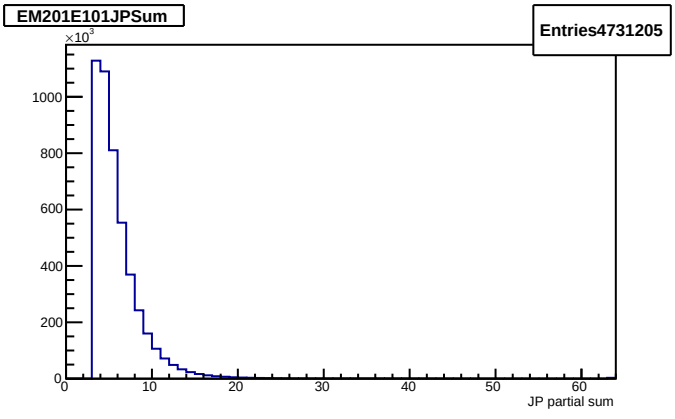

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

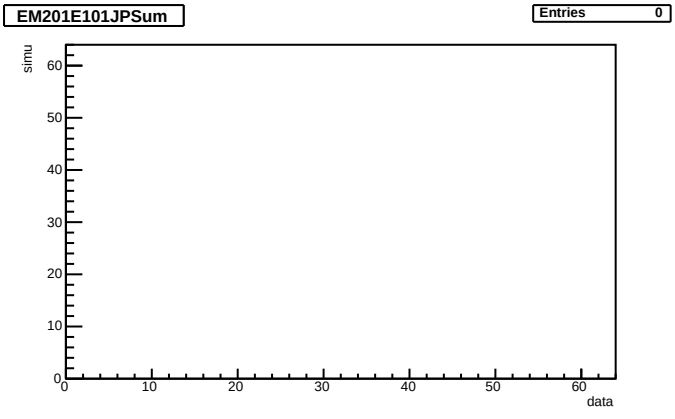

EMC L2 Input - Barrel HT.TP bits
Entries 2.838723e+07
Barrel HT.TP bits
1
0
1.50408e+06
1.45159e+06
1.46933e+06
1.46349e+06
1.49616e+06
1.45501e+06
3.22713e+06
3.27961e+06
3.24197e+06
3.26772e+06
3.22504e+06
3.2262e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

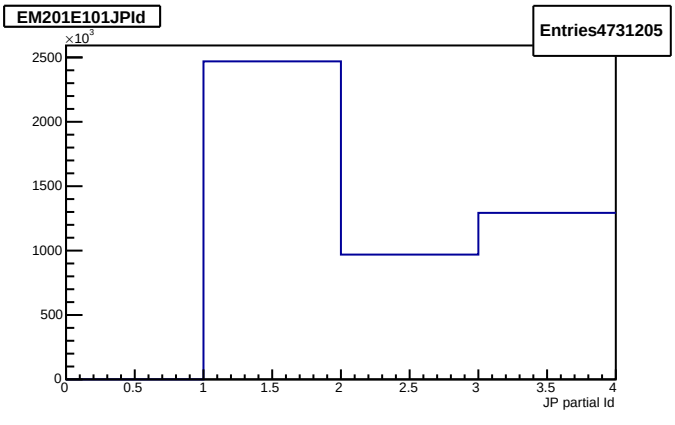

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

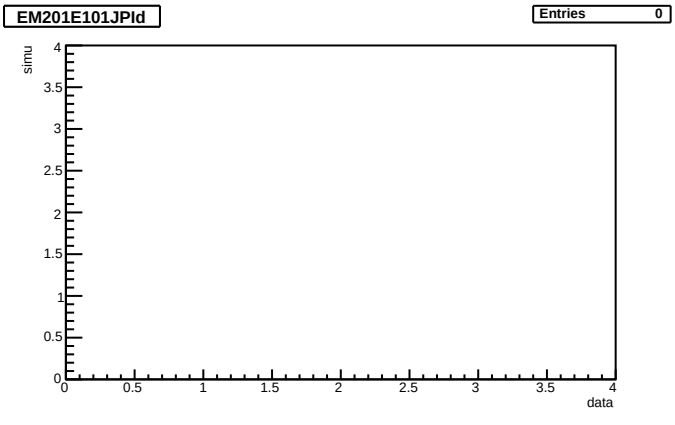

EM201E101JPThBits
Entries4731205
×10^3
JP th bits

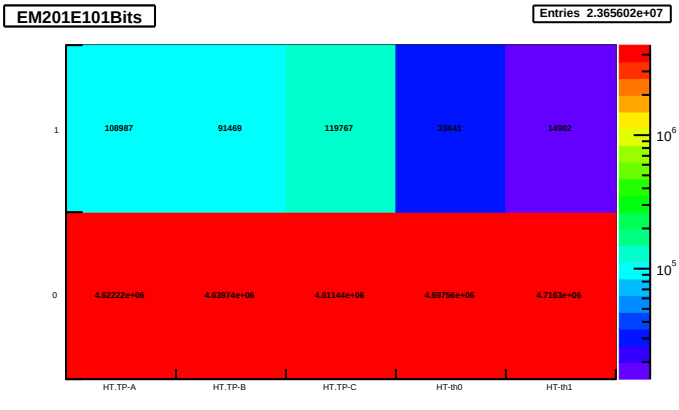

EM201E101JPThBits
Entries 0
simu
data

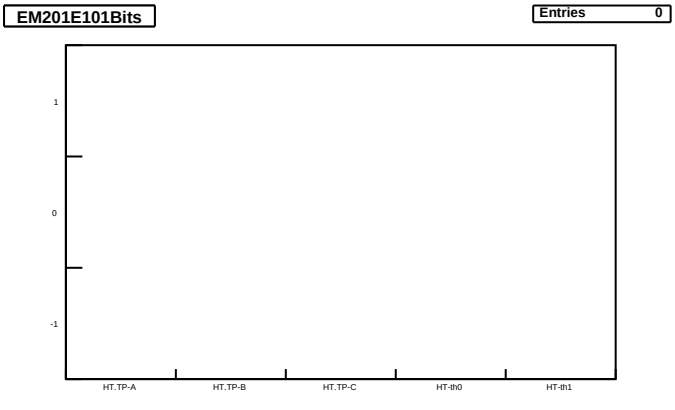

EM201E101JPSum
Entries4731205
×10^3
JP partial sum

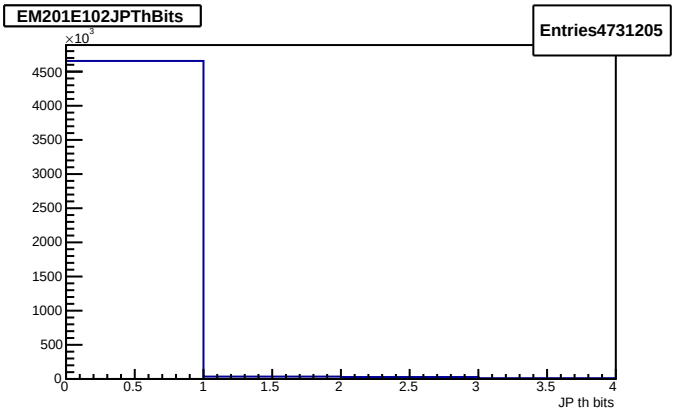

EM201E101JPSum
Entries 0
simu
data

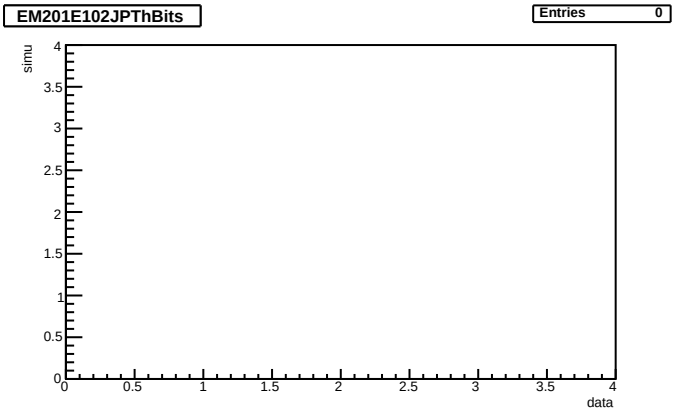

EM201E101JPId
Entries4731205
×10^3
JP partial Id

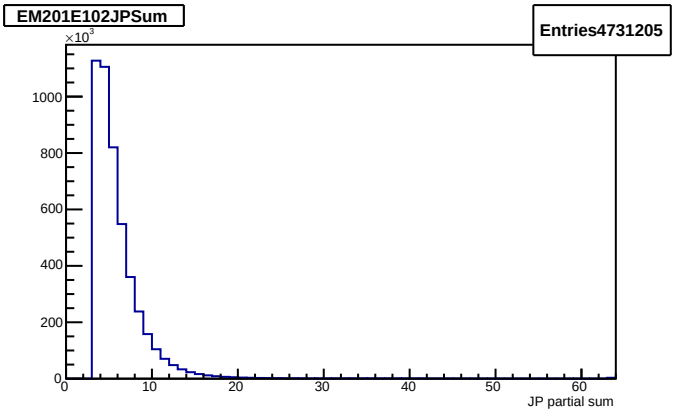

EM201E101JPId
Entries 0
simu
data

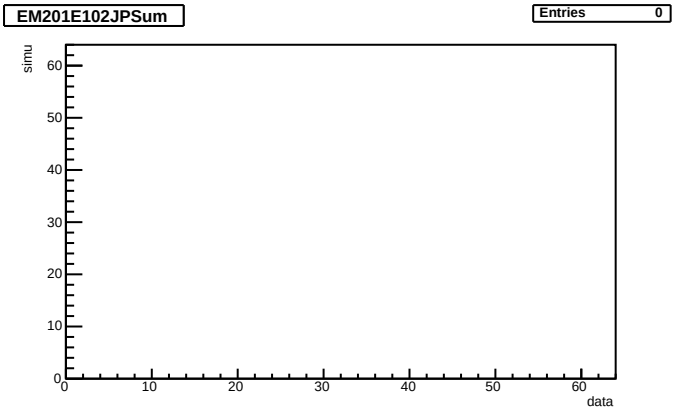

EM201E101Bits
Entries 2.365602e+07
108987
91469
119767
33641
14902
4.62222e+06
4.63974e+06
4.61144e+06
4.69756e+06
4.7163e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

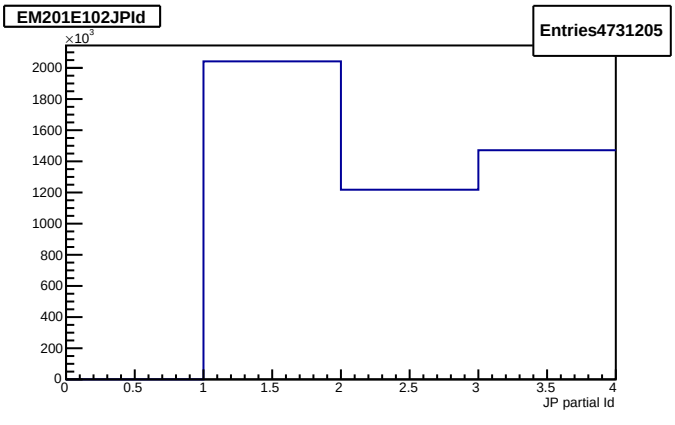

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

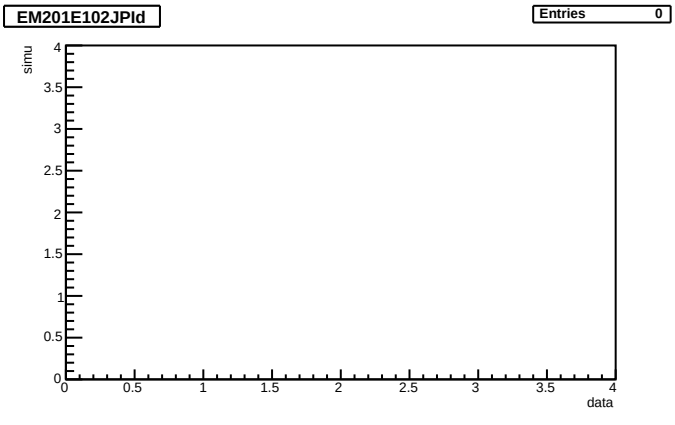

EM201E102JPThBits
Entries4731205
×10^3
JP th bits

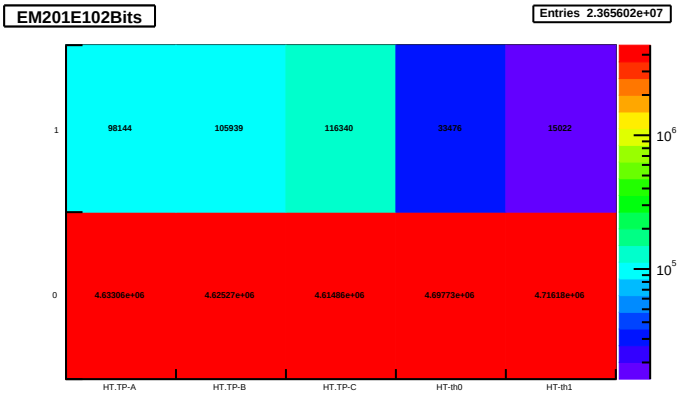

EM201E102JPThBits
Entries 0
simu
data

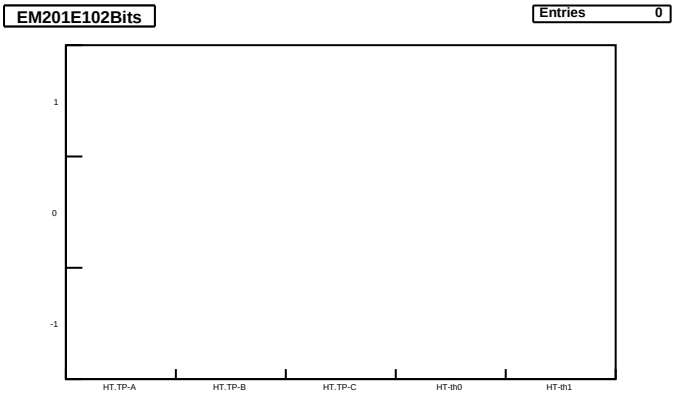

EM201E102JPSum
Entries4731205
×10^3
JP partial sum

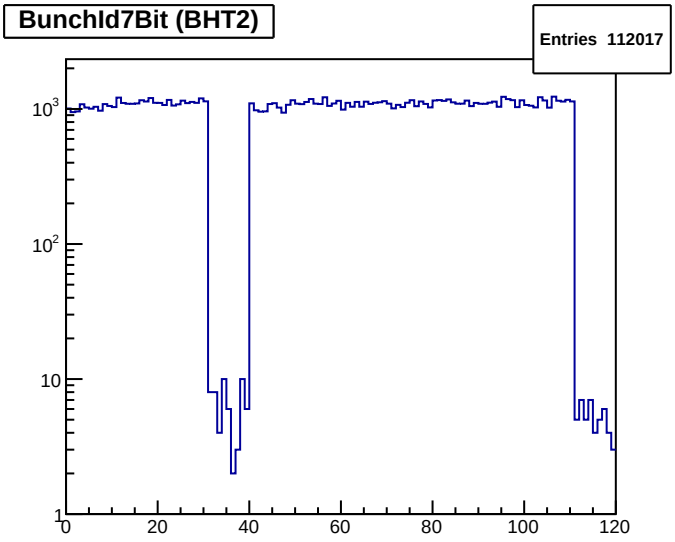

EM201E102JPSum
Entries 0
simu
data

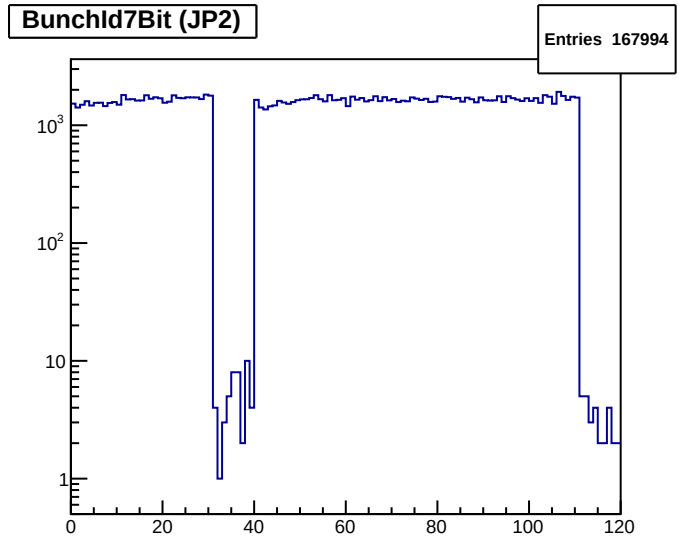

EM201E102JPId
Entries4731205
×10^3
JP partial Id

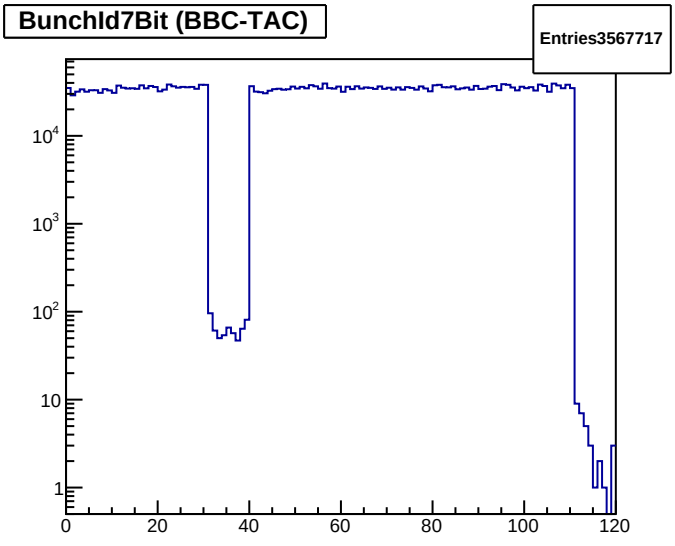

EM201E102JPId
Entries 0
simu
data

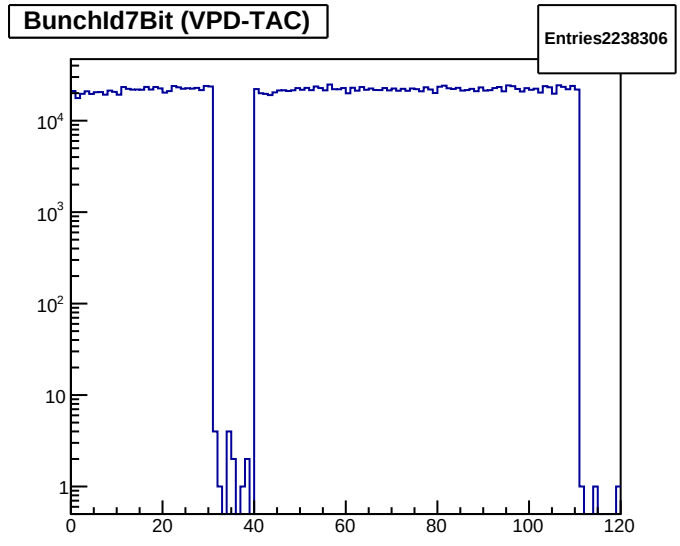

EM201E102Bits
Entries 2.365602e+07
98144
105939
116340
33476
15022
4.63306e+06
4.62527e+06
4.61486e+06
4.69773e+06
4.71618e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

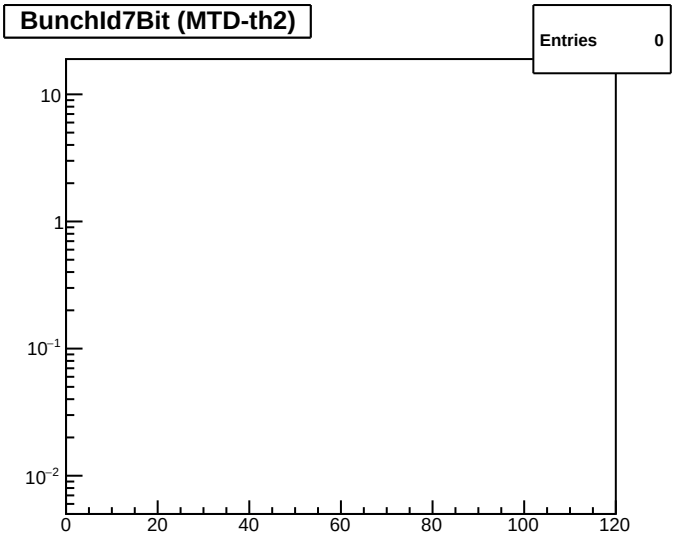

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

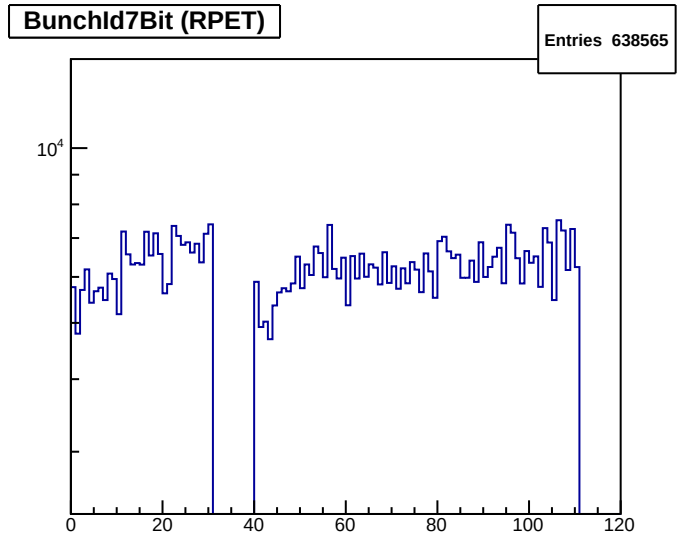

BunchId7Bit (BHT2)
Entries 112017

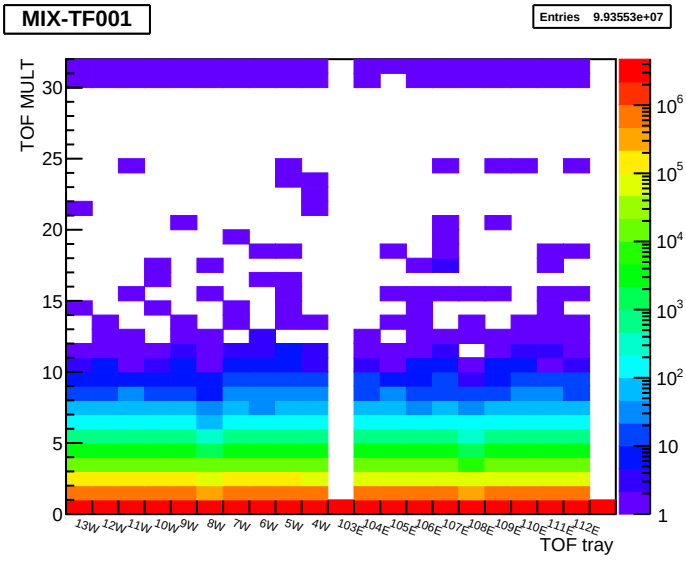

BunchId7Bit (JP2)
Entries 167994

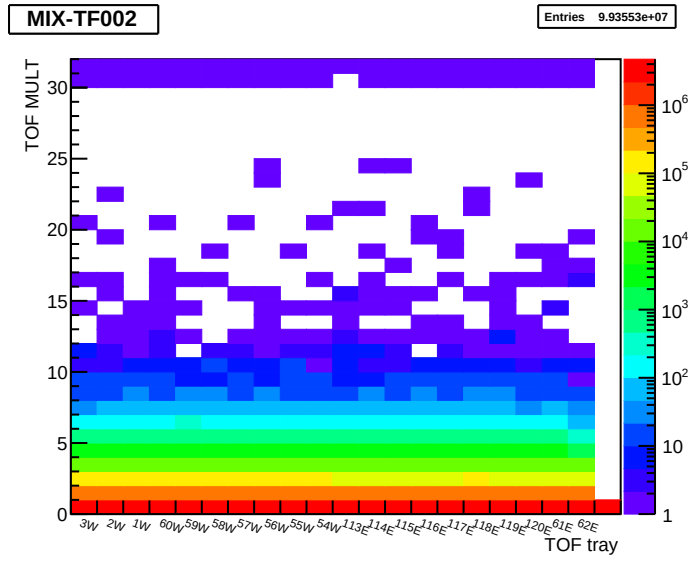

BunchId7Bit (BBC-TAC)
Entries3567717

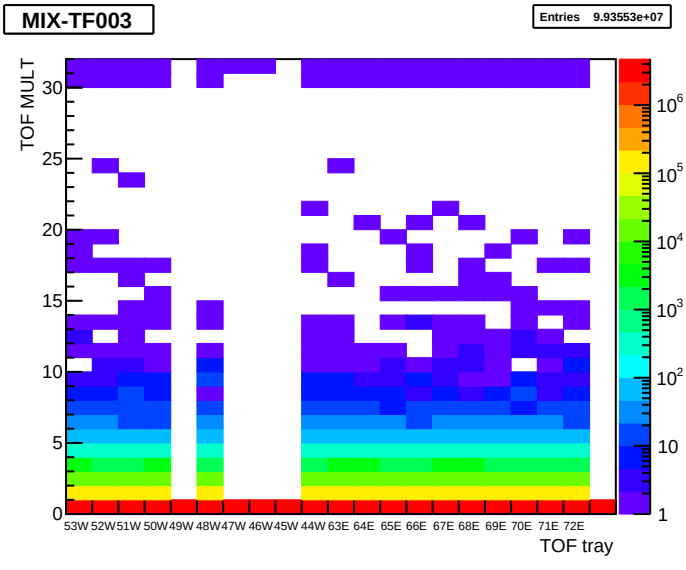

BunchId7Bit (VPD-TAC)
Entries2238306

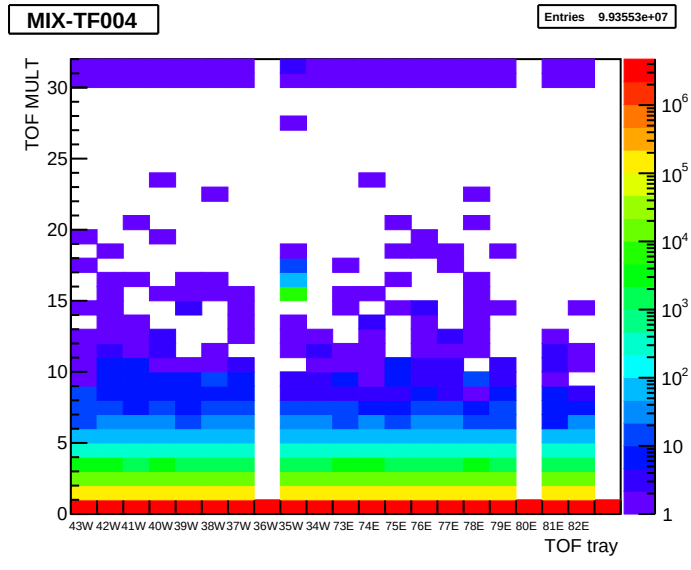

BunchId7Bit (MTD-th2)
Entries 0

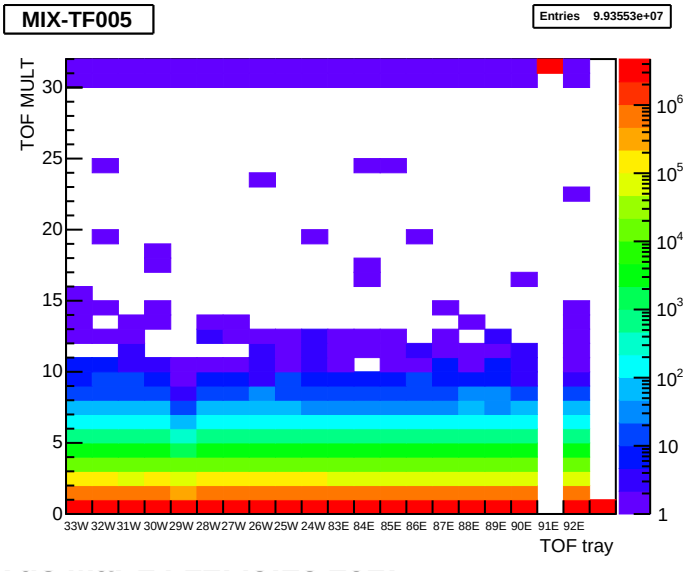

BunchId7Bit (RPET)
Entries 638565

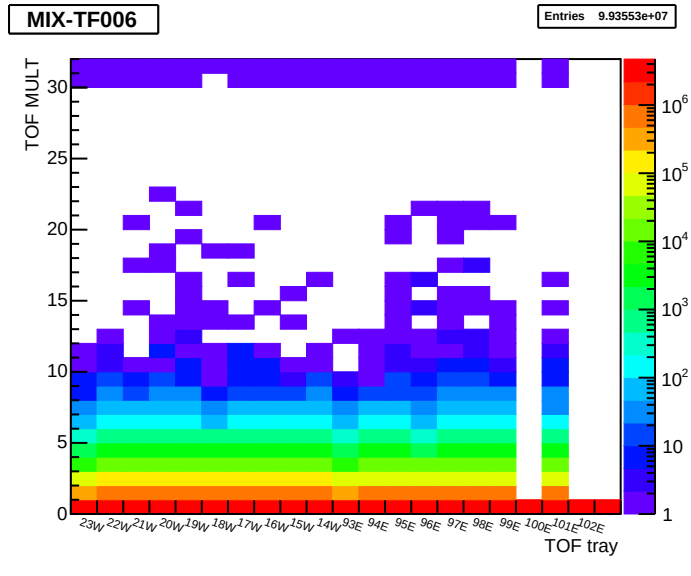

MIX-TF001
Entries 9.93553e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

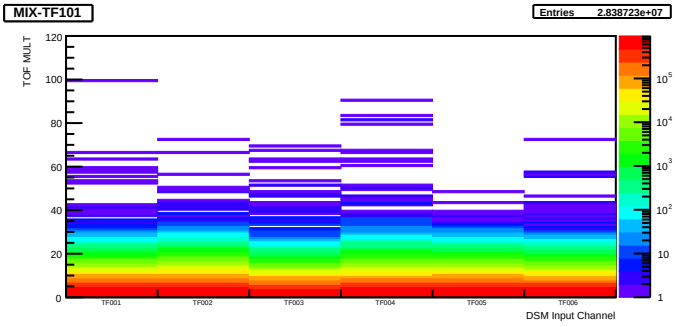

MIX-TF002
Entries 9.93553e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

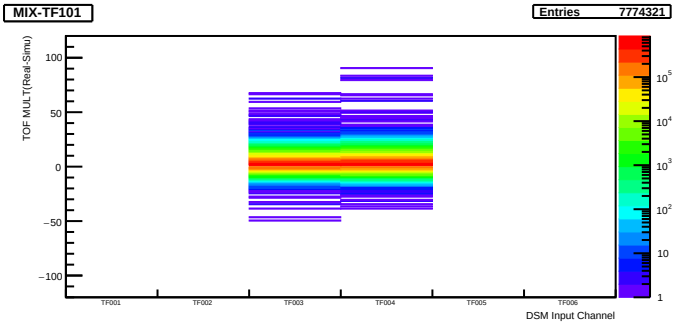

MIX-TF003
Entries 9.93553e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

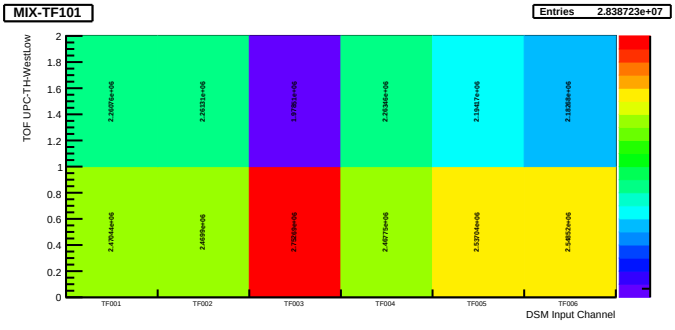

MIX-TF004
Entries 9.93553e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

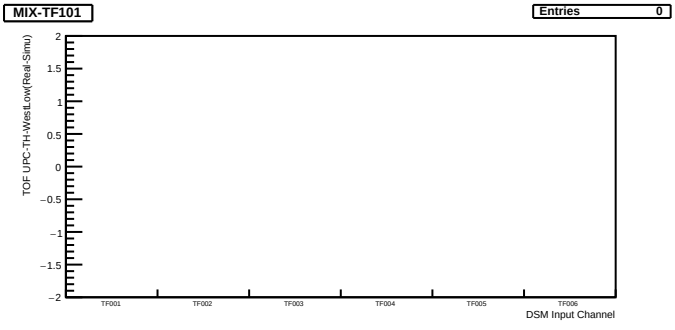

MIX-TF005
Entries 9.93553e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

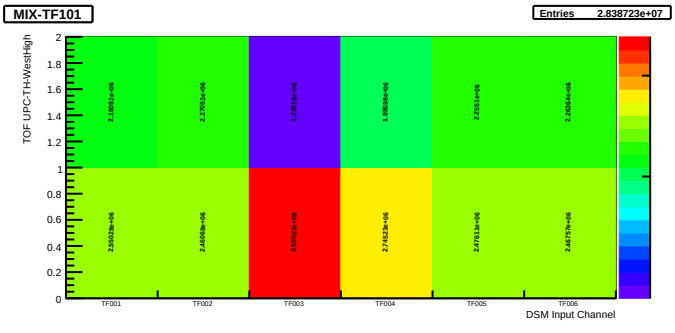

MIX-TF006
Entries 9.93553e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

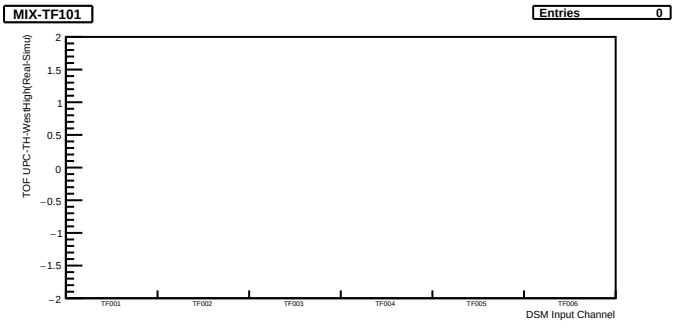

MIX-TF101
Entries 2.838723e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

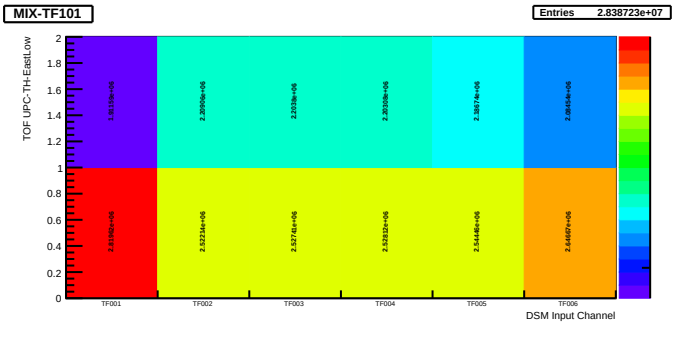

MIX-TF101
Entries 7774321
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

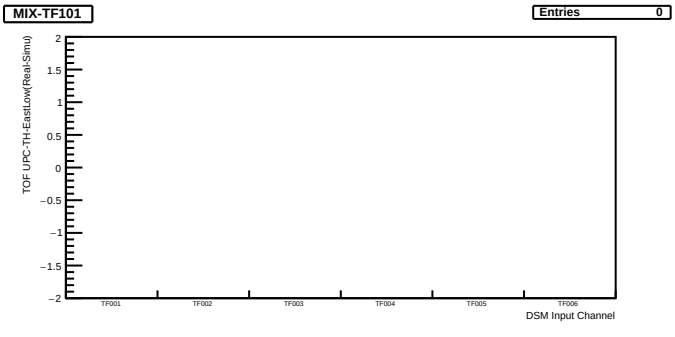

MIX-TF101
Entries 2.838723e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

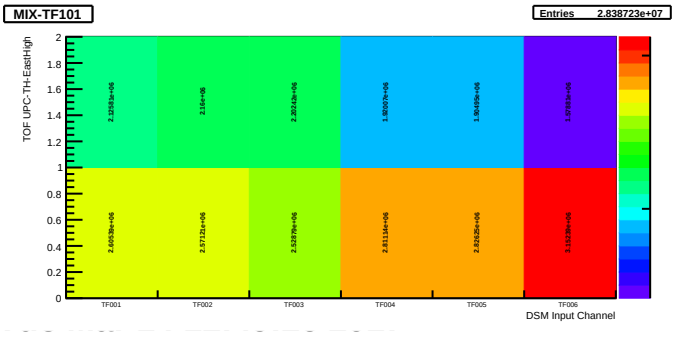

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

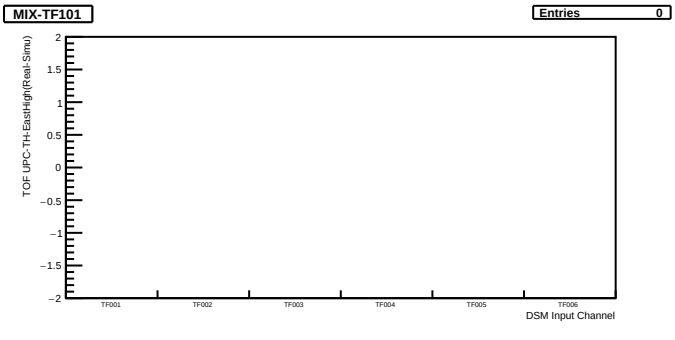

MIX-TF101
Entries 2.838723e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

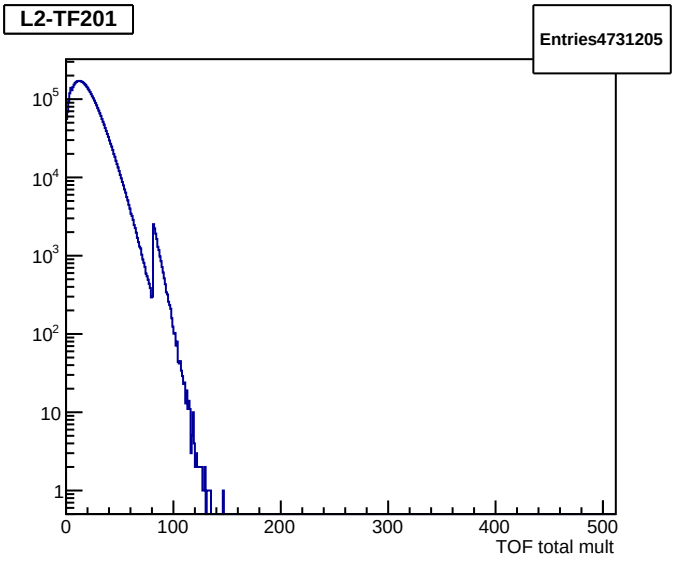

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

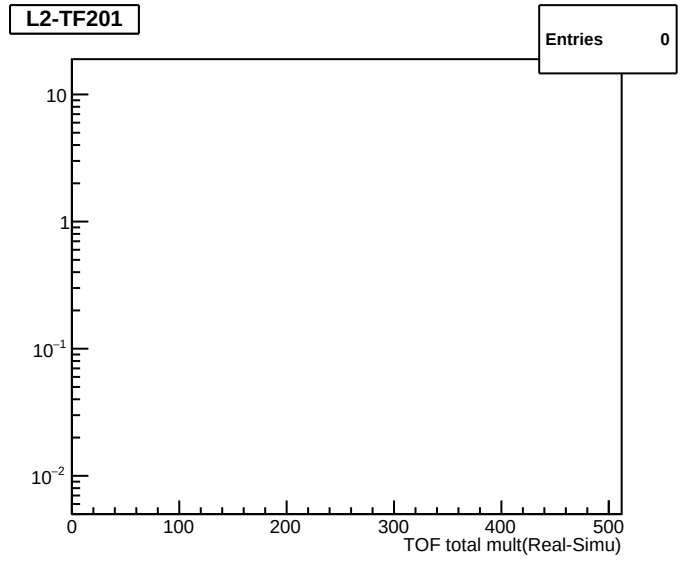

MIX-TF101
Entries 2.838723e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

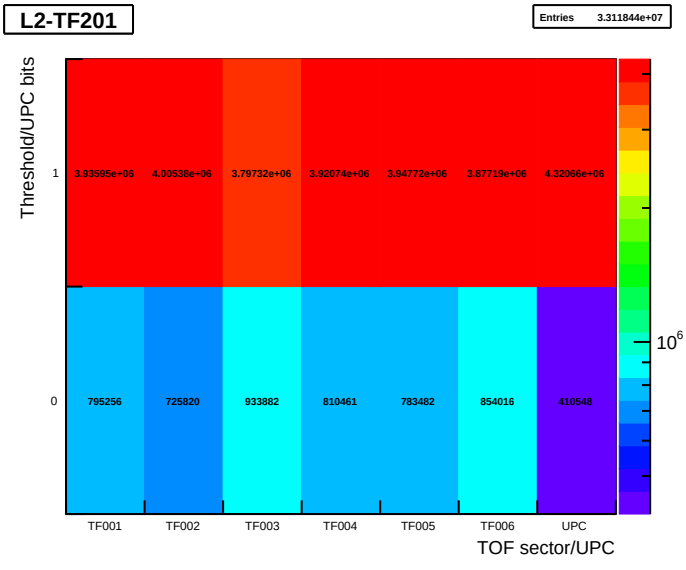

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

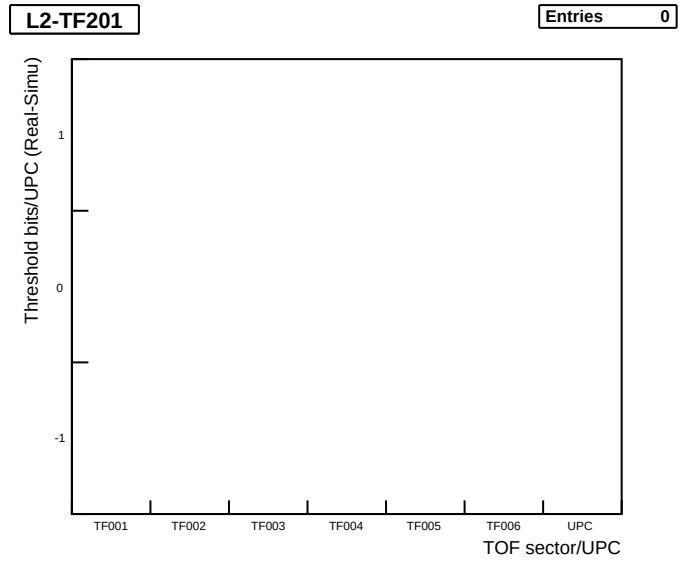

MIX-TF101
Entries 2.838723e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

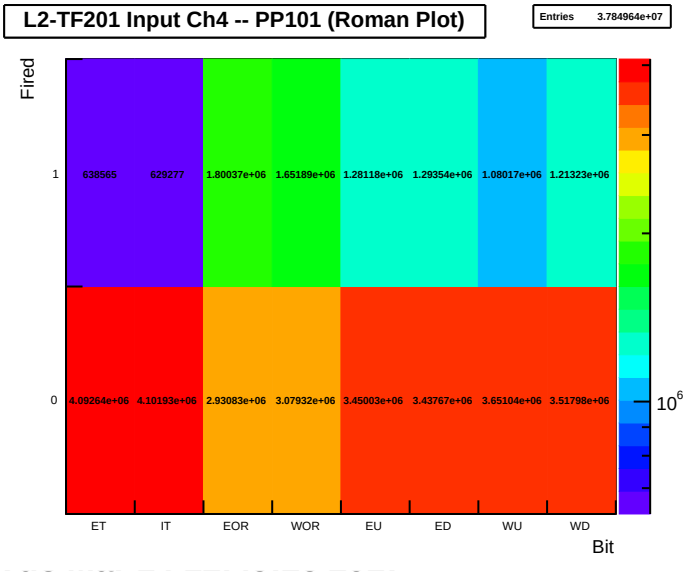

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

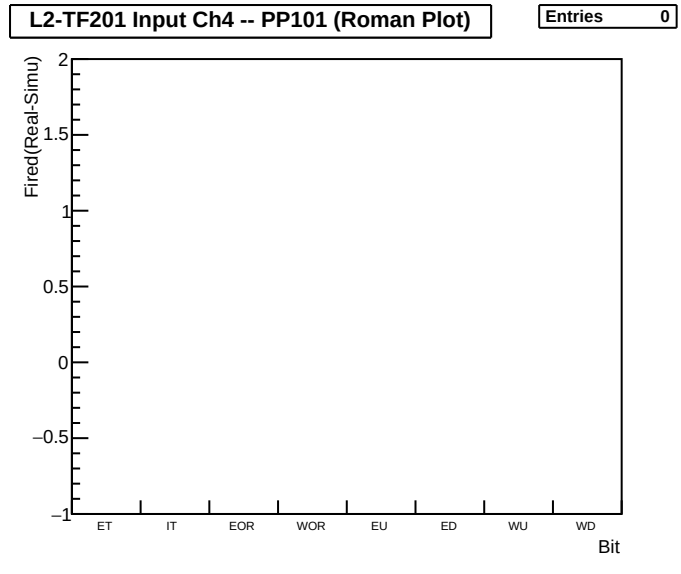

L2-TF201
Entries4731205
TOF total mult

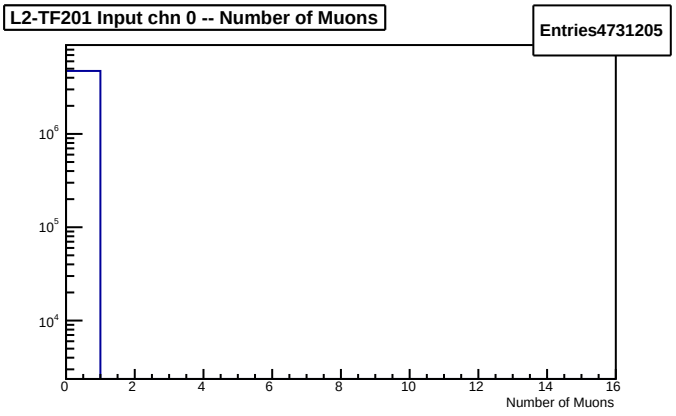

L2-TF201
Entries 0
TOF total mult(Real-Simu)

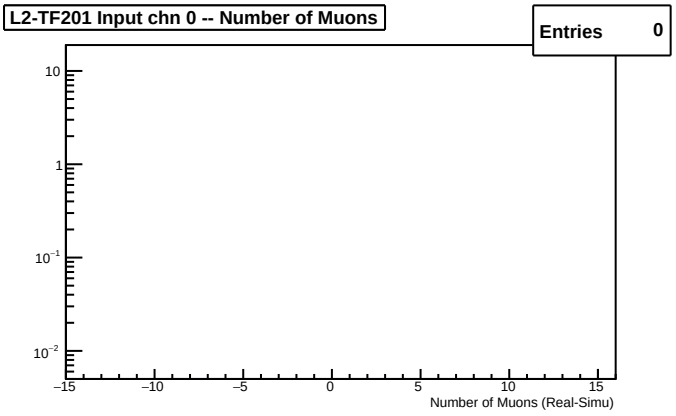

L2-TF201
Entries 3.311844e+07
Threshold/UPC bits
3.93595e+06
4.00538e+06
3.79732e+06
3.92074e+06
3.94772e+06
3.87719e+06
4.32066e+06
795256
725820
933882
810461
783482
854016
410548
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

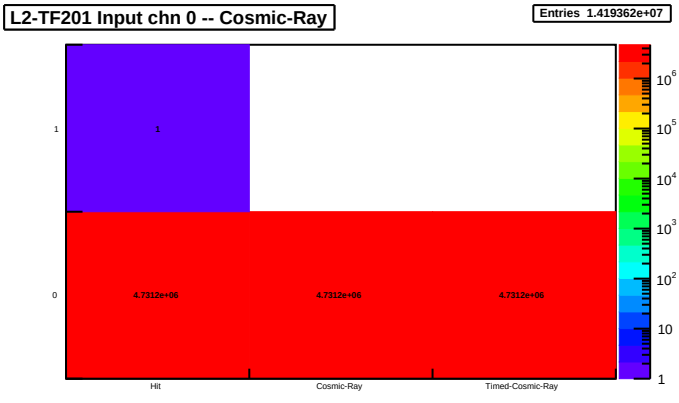

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

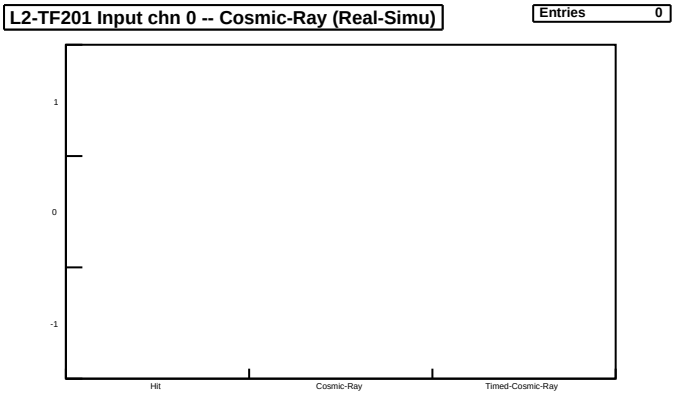

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.784964e+07
Fired
638565
629277
1.80037e+06
1.65189e+06
1.28118e+06
1.29354e+06
1.08017e+06
1.21323e+06
4.09264e+06
4.10193e+06
2.93083e+06
3.07932e+06
3.45003e+06
3.43767e+06
3.65104e+06
3.51798e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

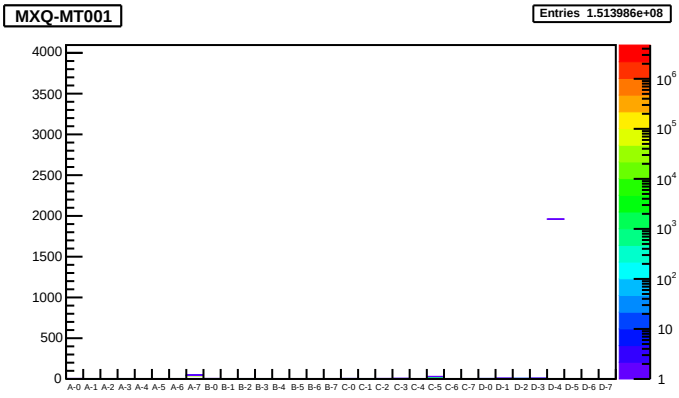

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

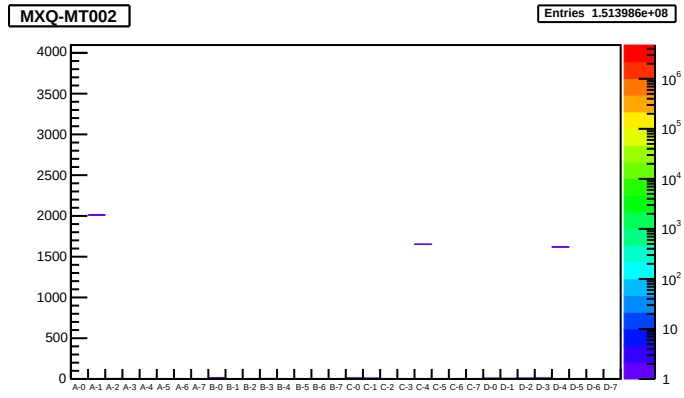

L2-TF201 Input chn 0 -- Number of Muons
Entries4731205
Number of Muons

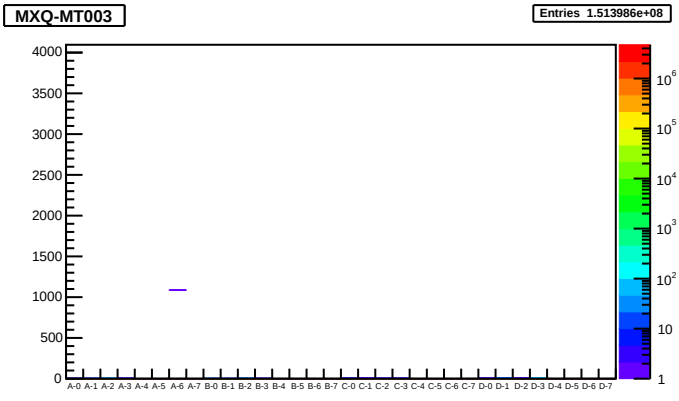

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

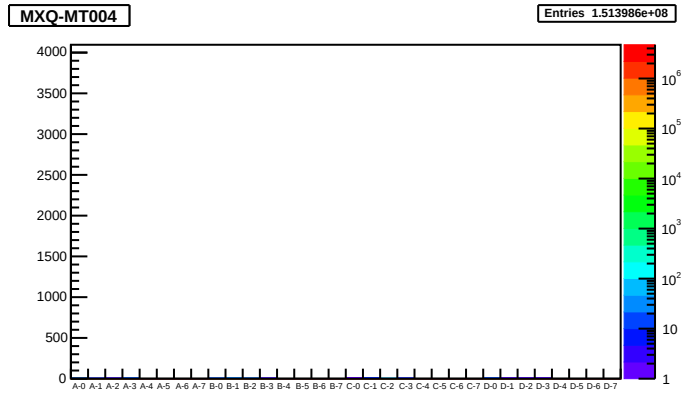

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.419362e+07
4.7312e+06
4.7312e+06
4.7312e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

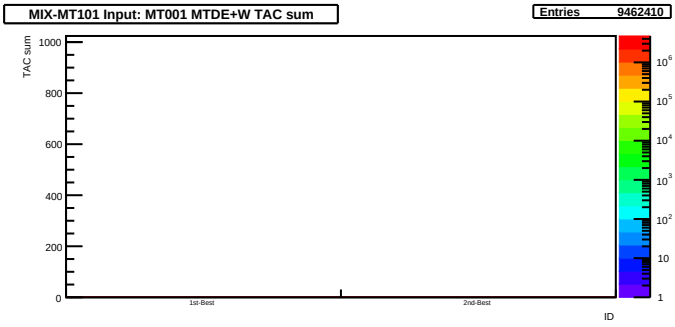

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

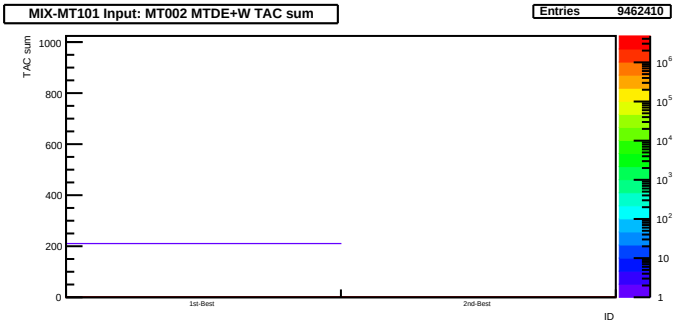

MXQ-MT001
Entries 1.513986e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

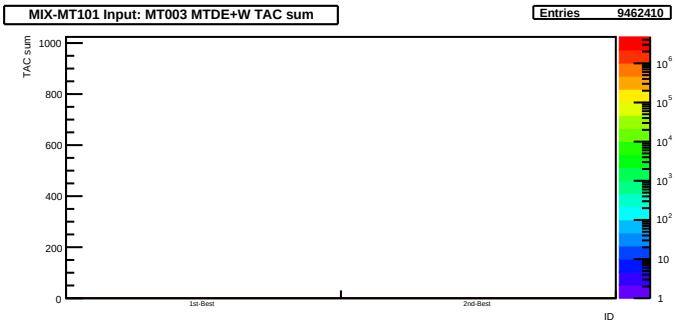

MXQ-MT002
Entries 1.513986e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

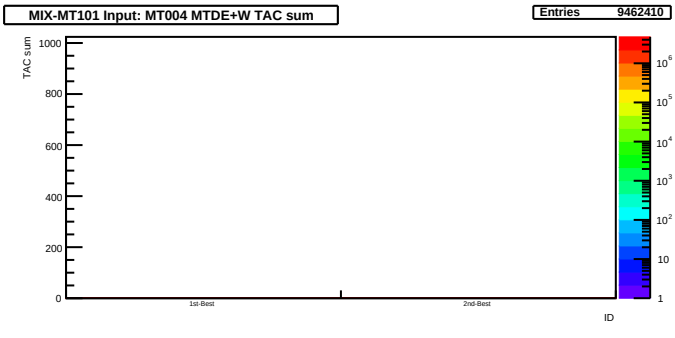

MXQ-MT003
Entries 1.513986e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

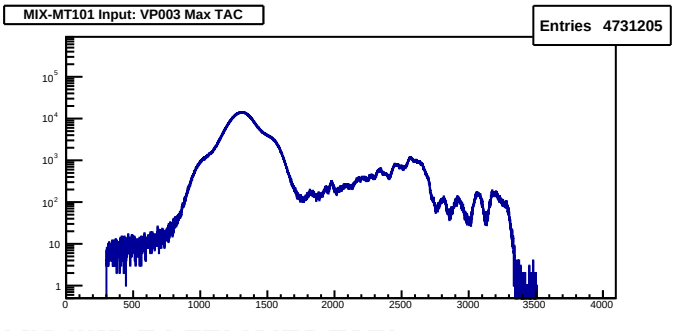

MXQ-MT004
Entries 1.513986e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

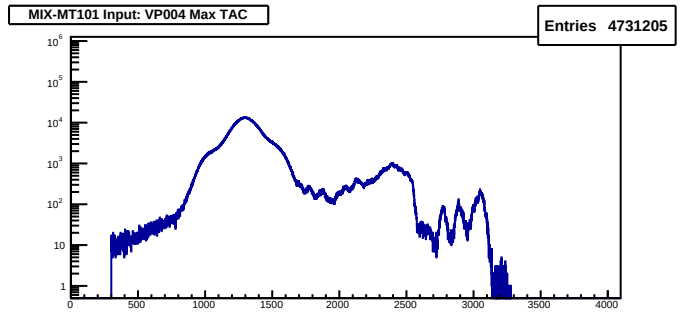

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9462410
TAC sum
1st-Best
2nd-Best
ID

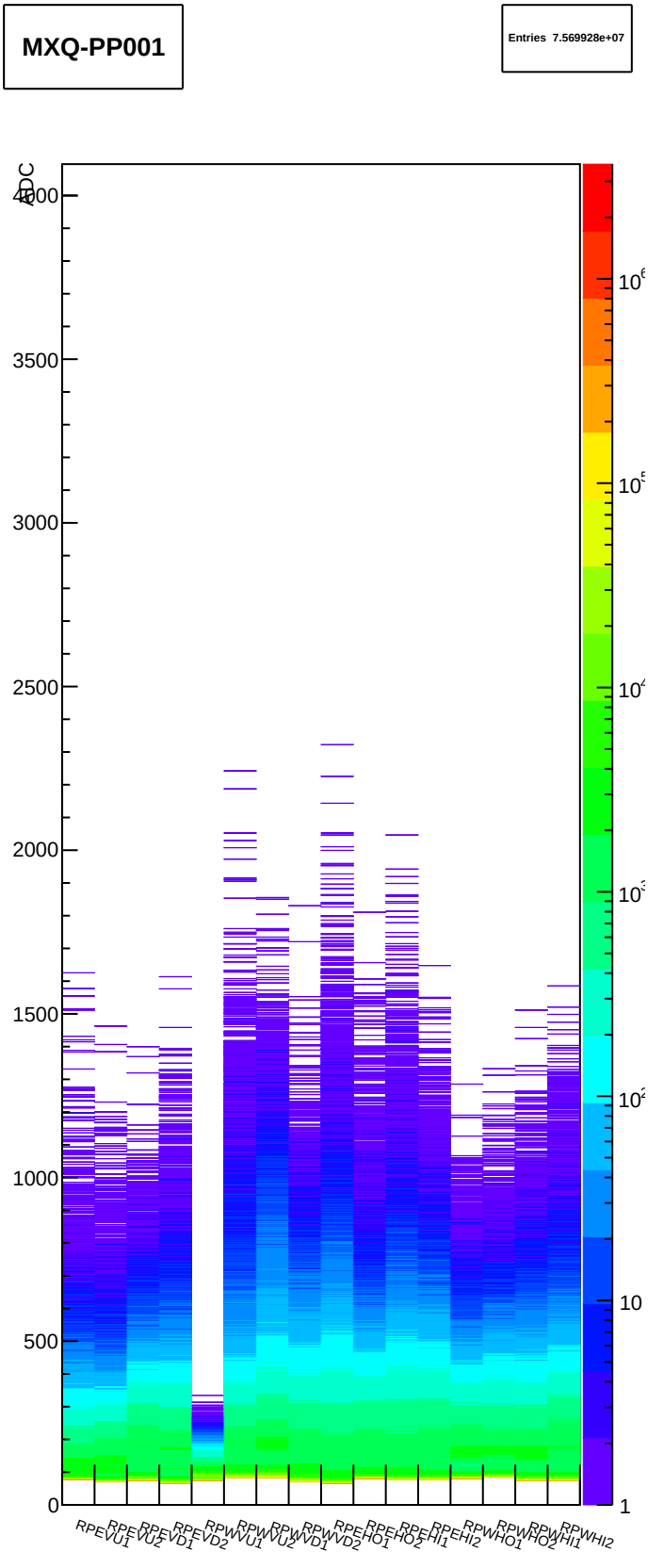

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9462410
TAC sum
1st-Best
2nd-Best
ID

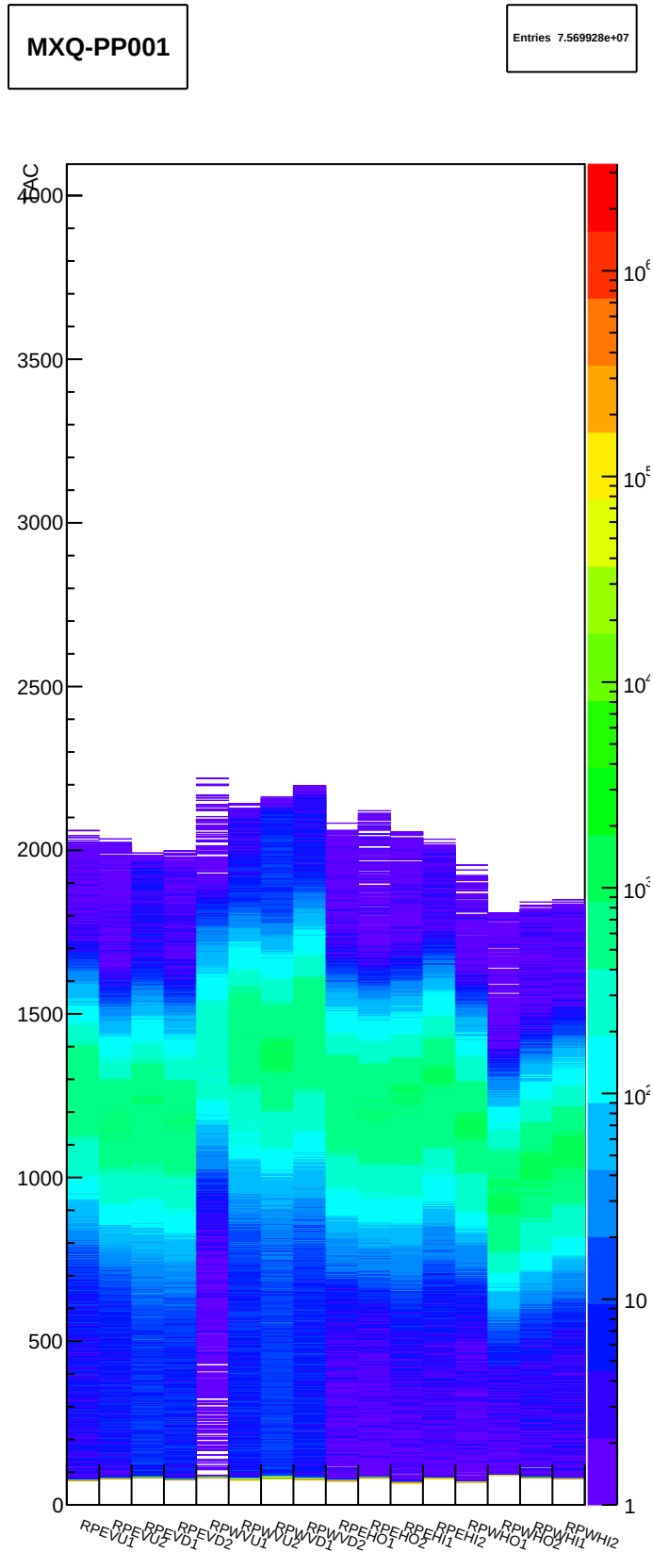

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9462410
TAC sum
1st-Best
2nd-Best
ID

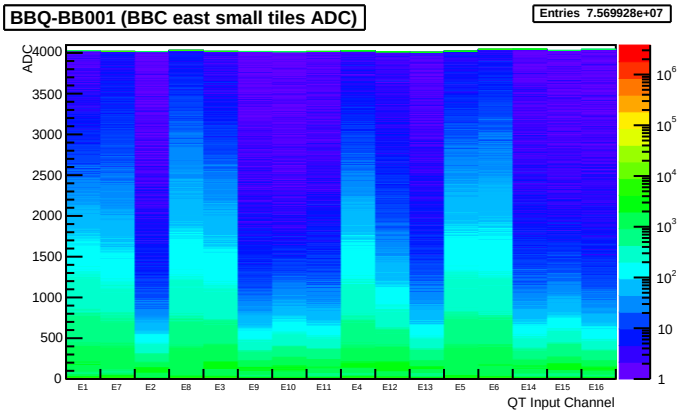

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9462410
TAC sum
1st-Best
2nd-Best
ID

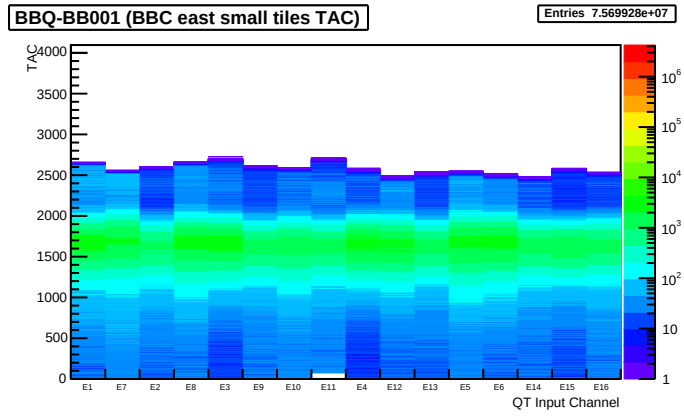

MIX-MT101 Input: VP003 Max TAC
Entries 4731205

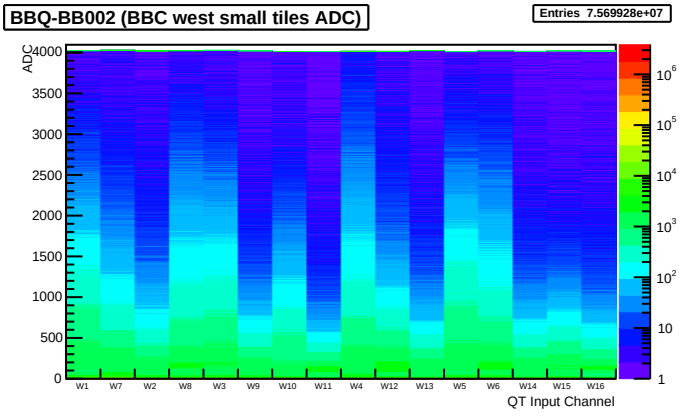

MIX-MT101 Input: VP004 Max TAC
Entries 4731205

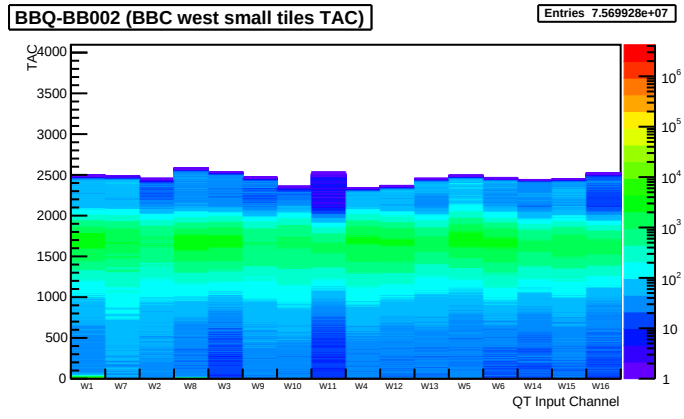

MXQ-PP001
Entries 7.569928e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10^2
10^3
10^4
10^5
10^6

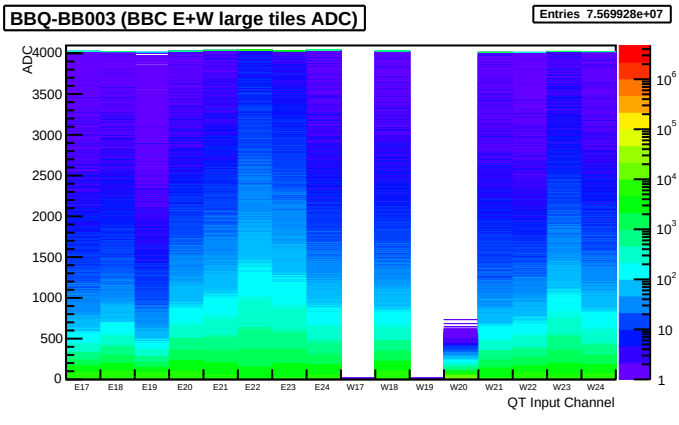

MXQ-PP001
Entries 7.569928e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10^2
10^3
10^4
10^5
10^6

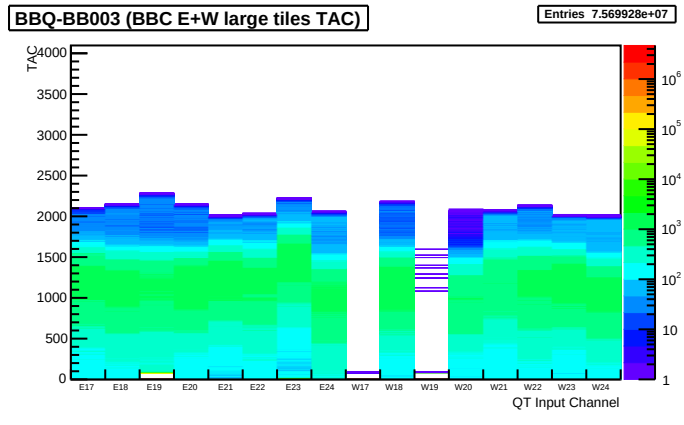

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.569928e+07
ADC
QT Input Channel

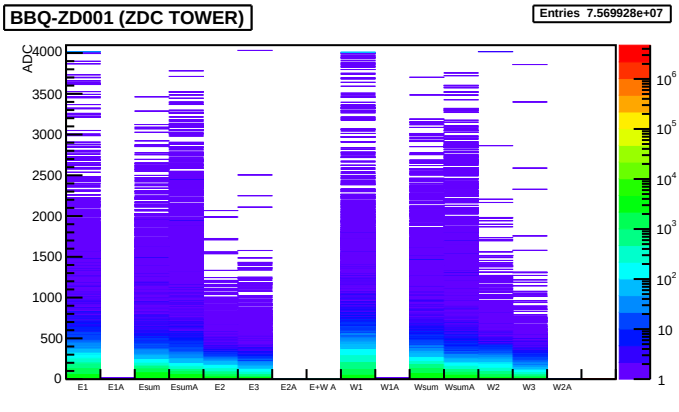

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.569928e+07
TAC
QT Input Channel

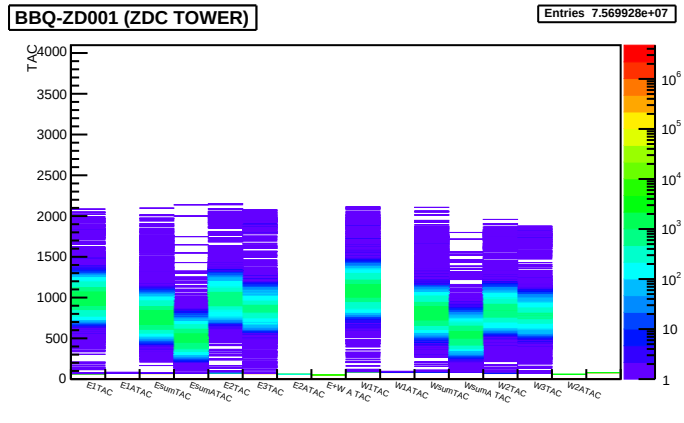

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.569928e+07
ADC
QT Input Channel

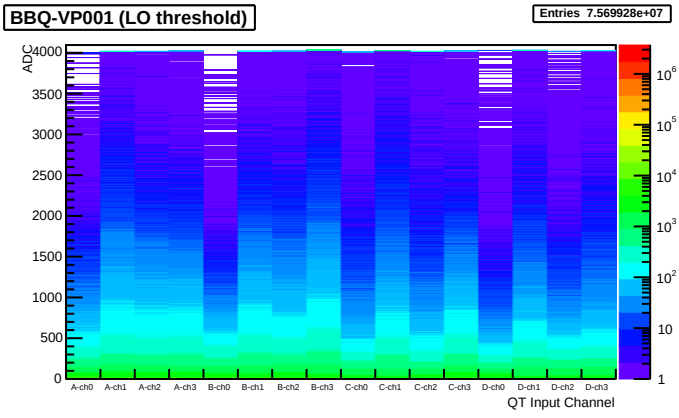

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.569928e+07
TAC
QT Input Channel

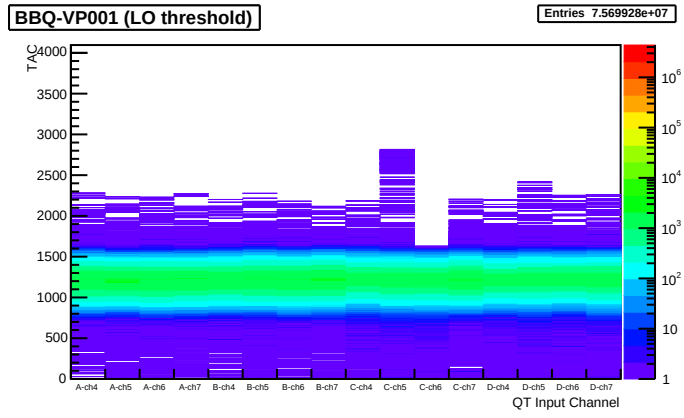

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.569928e+07
ADC
QT Input Channel

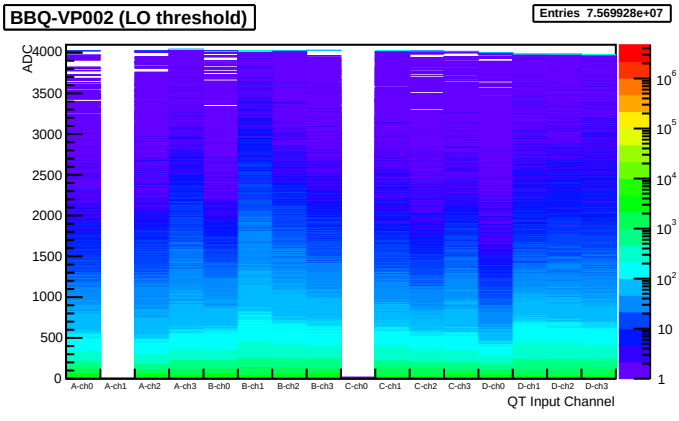

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.569928e+07
TAC
QT Input Channel

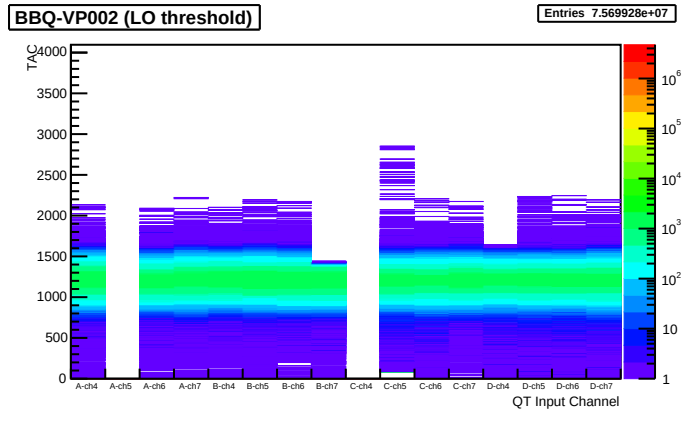

BBQ-ZD001 (ZDC TOWER)
Entries 7.569928e+07
ADC

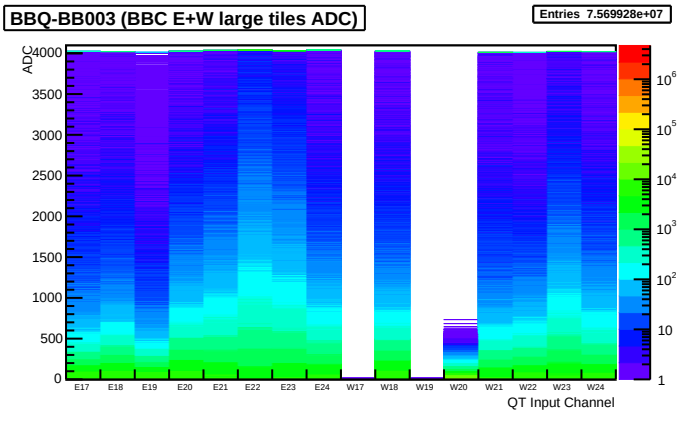

BBQ-ZD001 (ZDC TOWER)
Entries 7.569928e+07
TAC

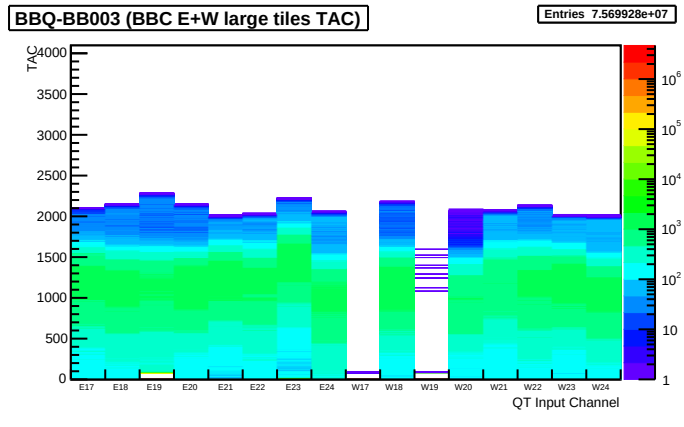

BBQ-VP001 (LO threshold)
Entries 7.569928e+07
ADC
QT Input Channel

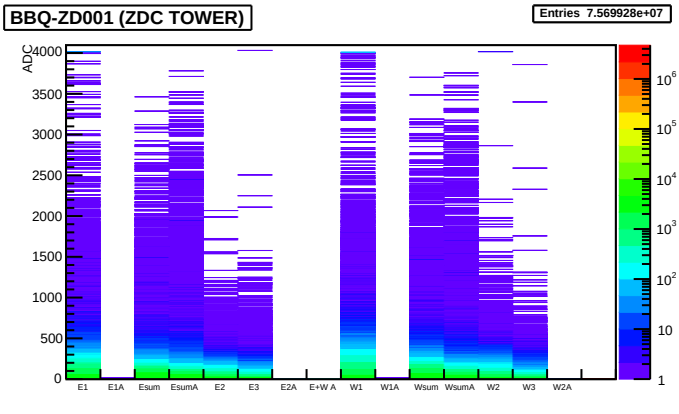

BBQ-VP001 (LO threshold)
Entries 7.569928e+07
TAC
QT Input Channel

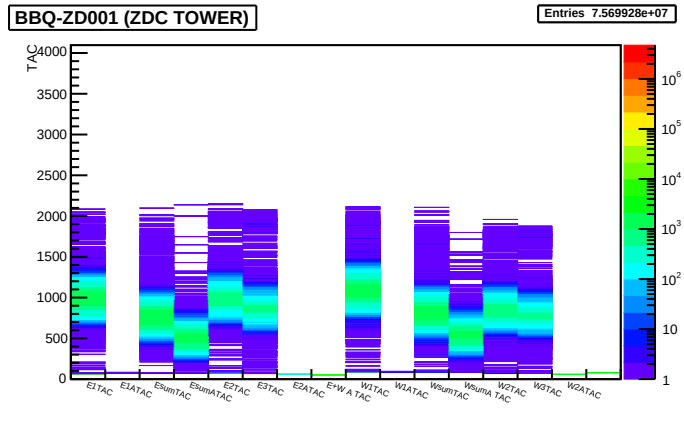

BBQ-VP002 (LO threshold)
Entries 7.569928e+07
ADC
QT Input Channel

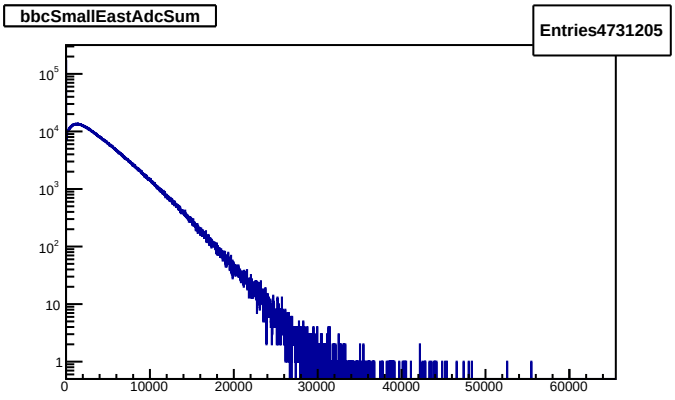

BBQ-VP002 (LO threshold)
Entries 7.569928e+07
TAC
QT Input Channel

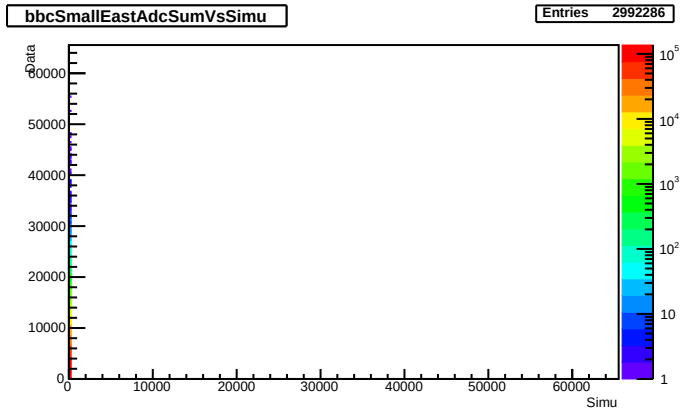

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.569928e+07
ADC
QT Input Channel

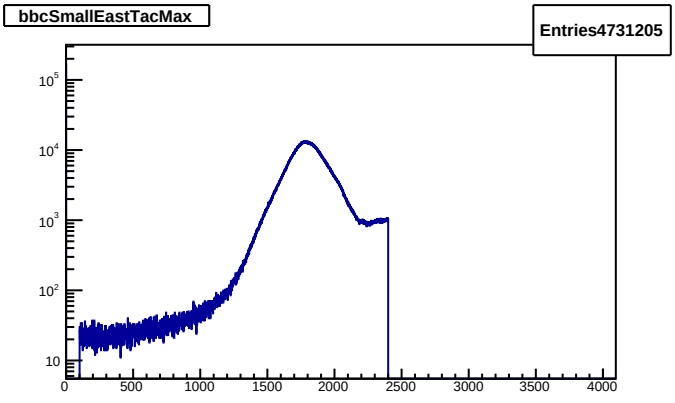

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.569928e+07
TAC
QT Input Channel

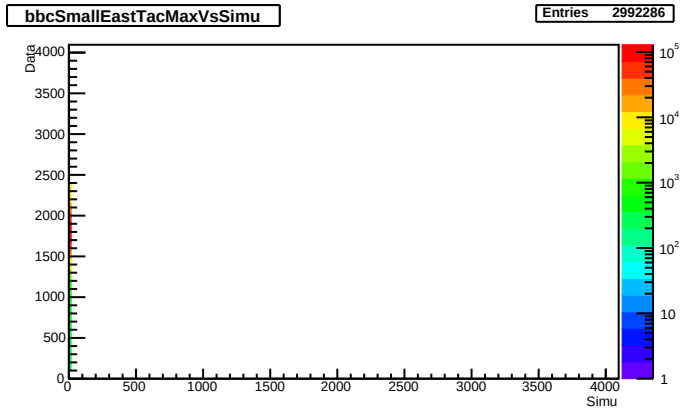

BBQ-ZD001 (ZDC TOWER)
Entries 7.569928e+07
ADC

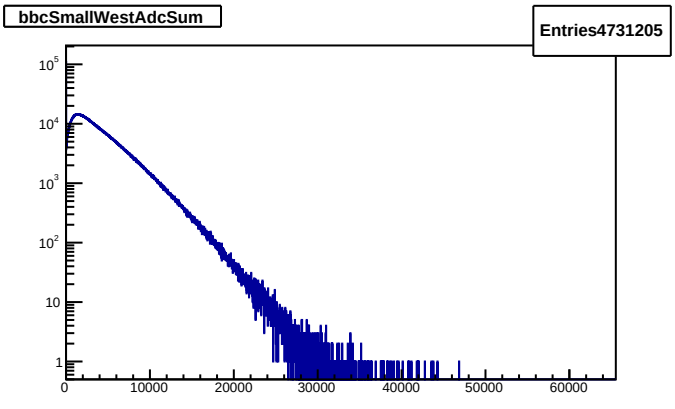

BBQ-ZD001 (ZDC TOWER)
Entries 7.569928e+07
TAC

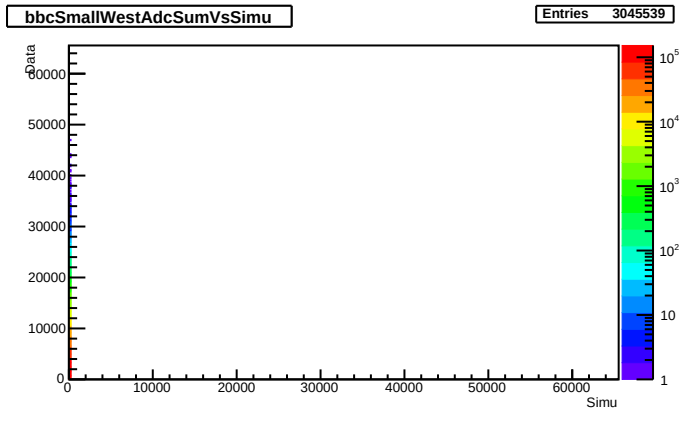

bbcSmallEastAdcSum
Entries4731205

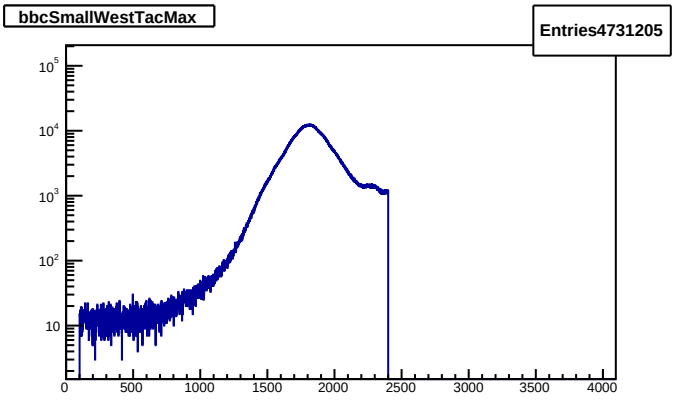

bbcSmallEastAdcSumVsSimu
Entries 2992286
Data
Simu

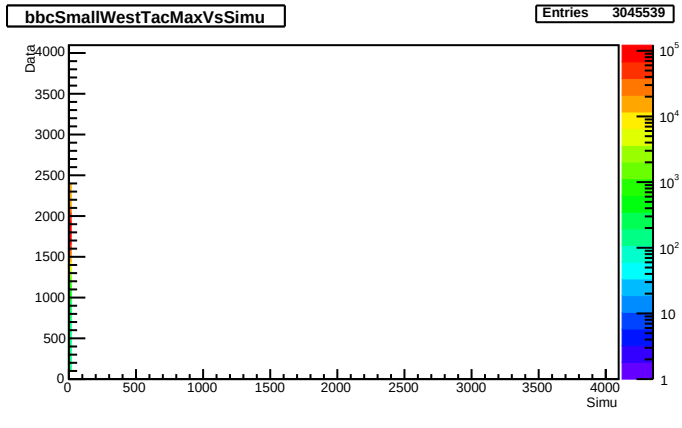

bbcSmallEastTacMax
Entries4731205

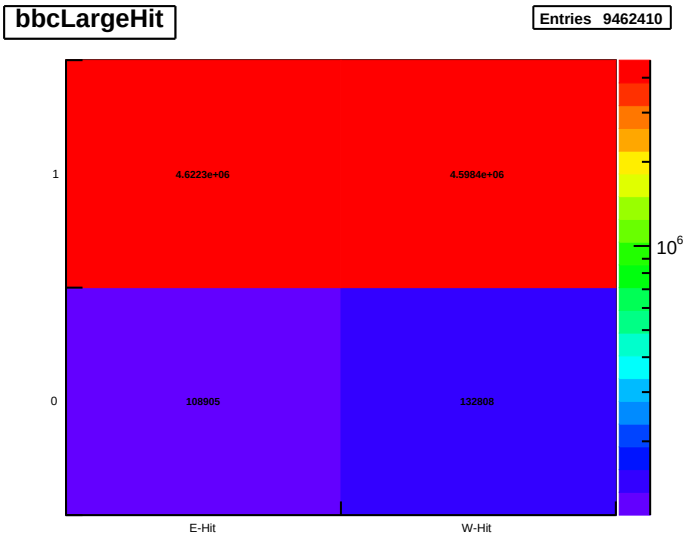

bbcSmallEastTacMaxVsSimu
Entries 2992286
Data
Simu

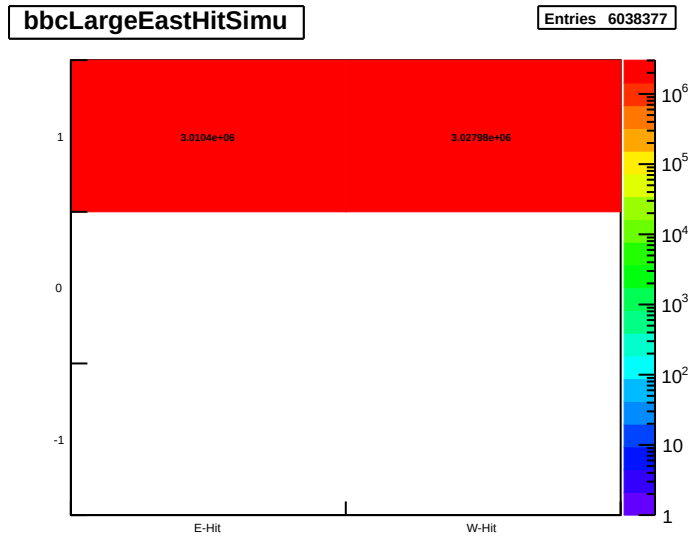

bbcSmallWestAdcSum
Entries4731205

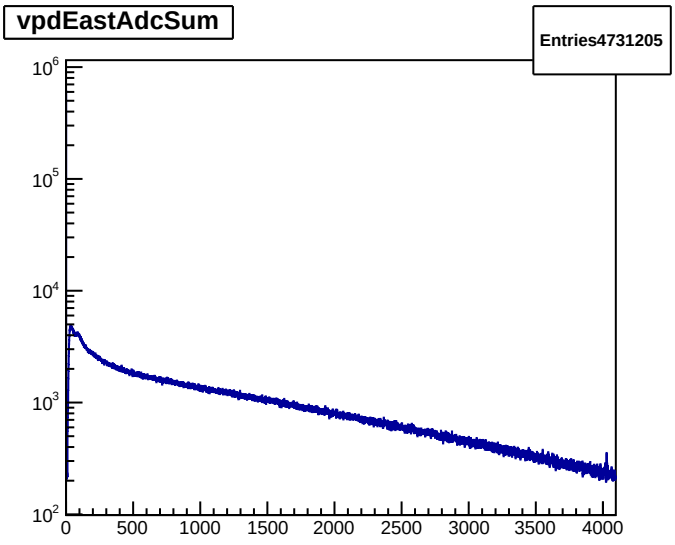

bbcSmallWestAdcSumVsSimu
Entries 3045539
Data
Simu

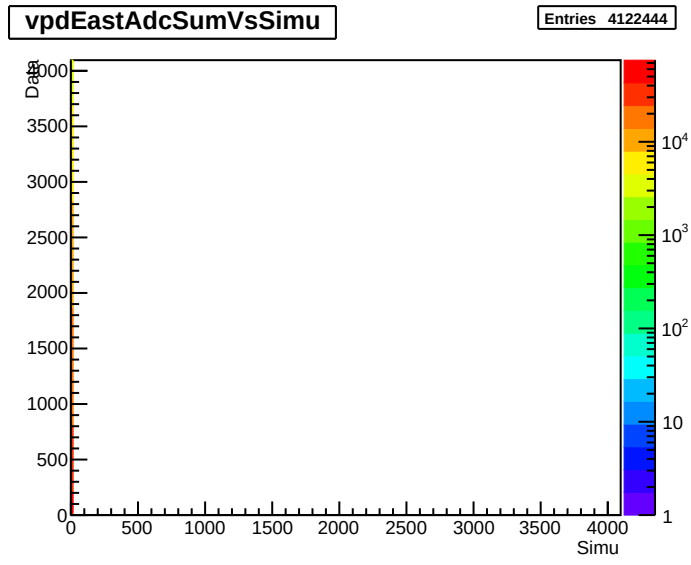

bbcSmallWestTacMax
Entries4731205

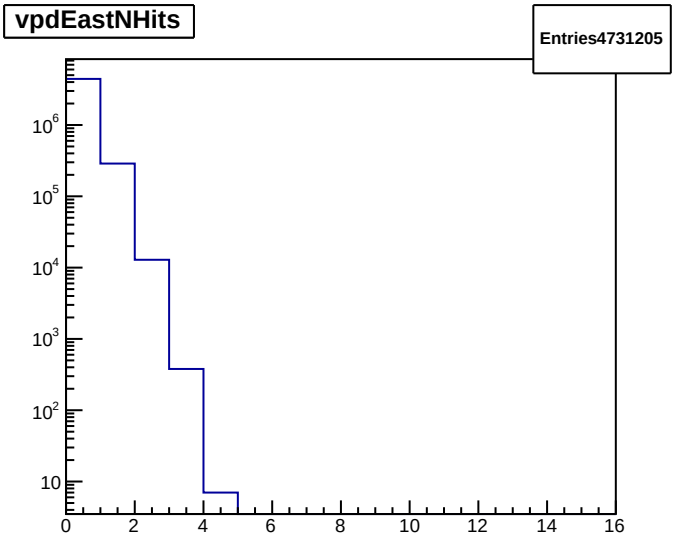

bbcSmallWestTacMaxVsSimu
Entries 3045539
Data
Simu

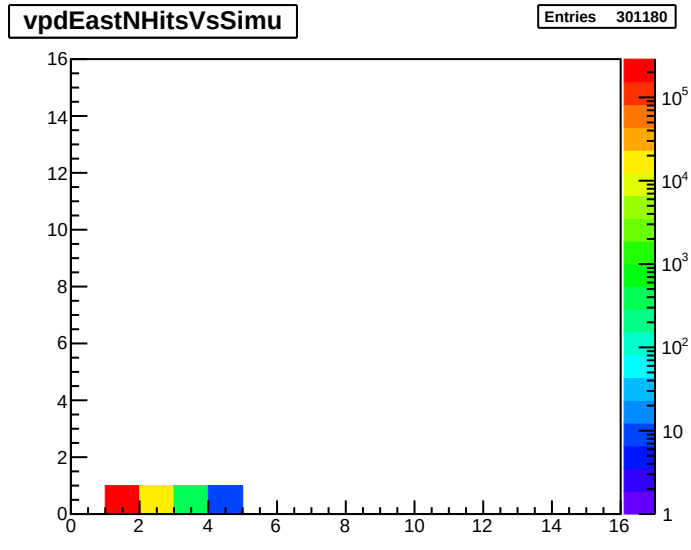

bbcLargeHit
Entries 9462410
1
0
4.6223e+06
4.5984e+06
108905
132808
E-Hit
W-Hit
10^6

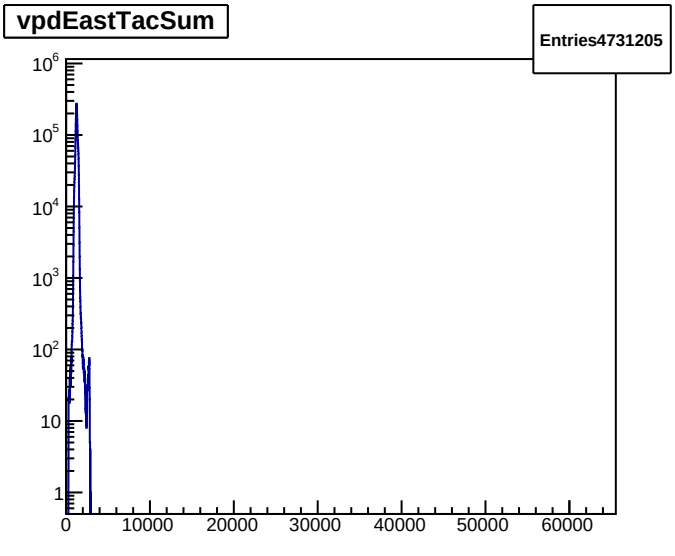

bbcLargeEastHitSimu
Entries 6038377
1
0
-1
3.0104e+06
3.02798e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

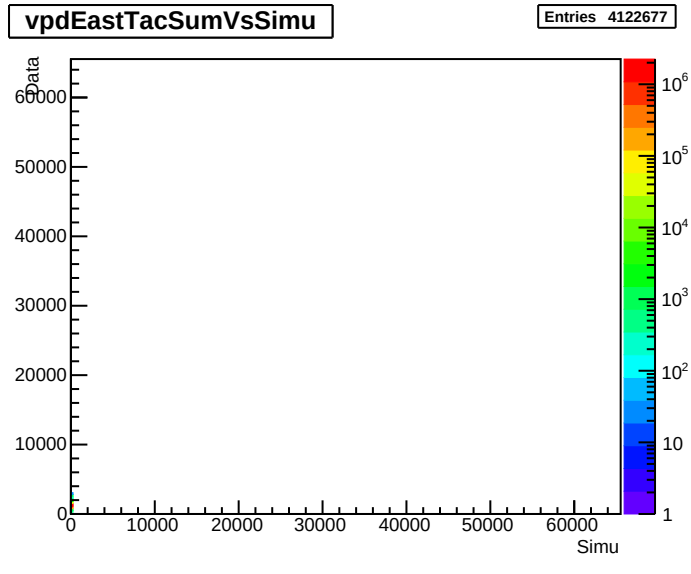

vpdEastAdcSum
Entries4731205

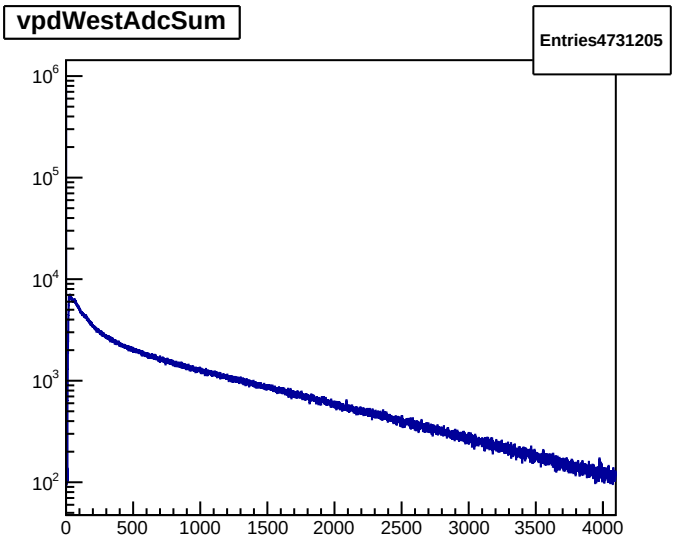

vpdEastAdcSumVsSimu
Entries 4122444
Data
Simu

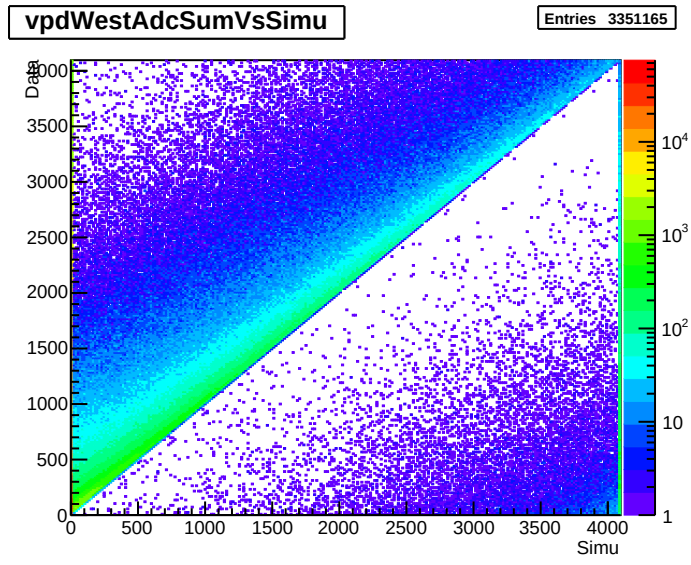

vpdEastNHits
Entries4731205

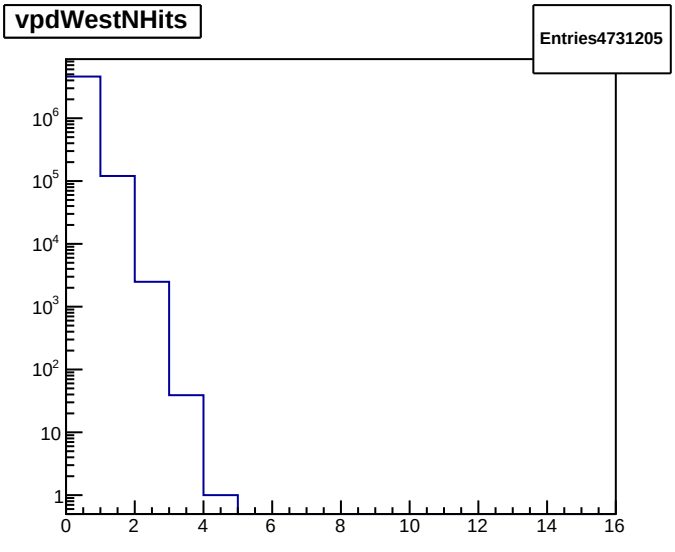

vpdEastNHitsVsSimu
Entries 301180

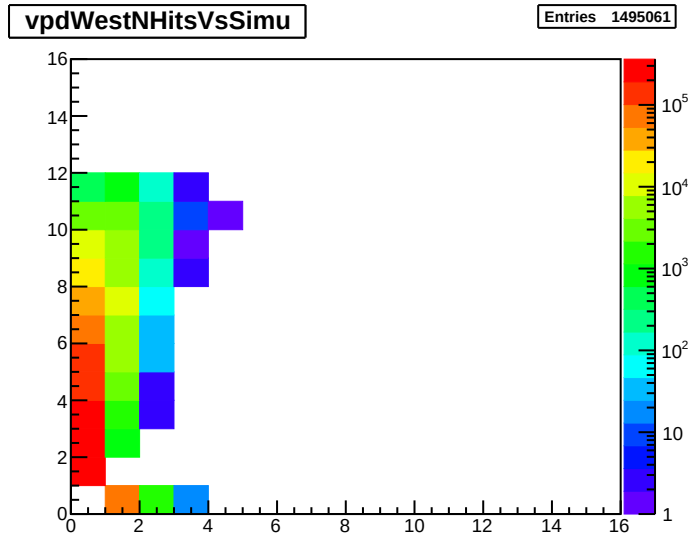

vpdEastTacSum
Entries4731205

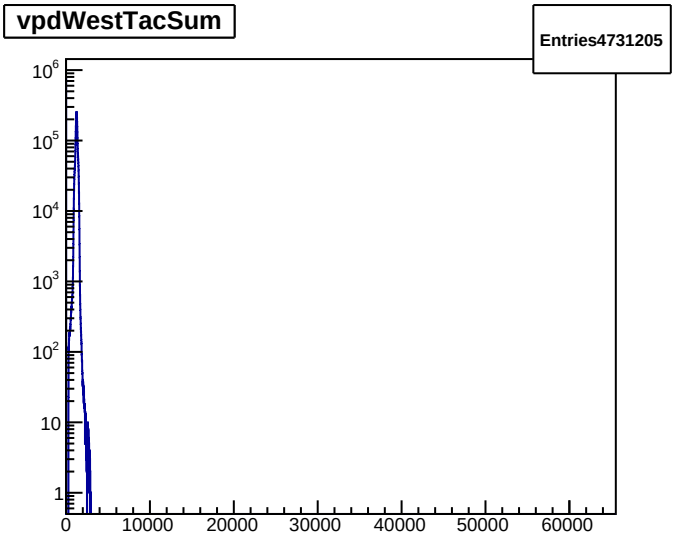

vpdEastTacSumVsSimu
Entries 4122677
Data
Simu

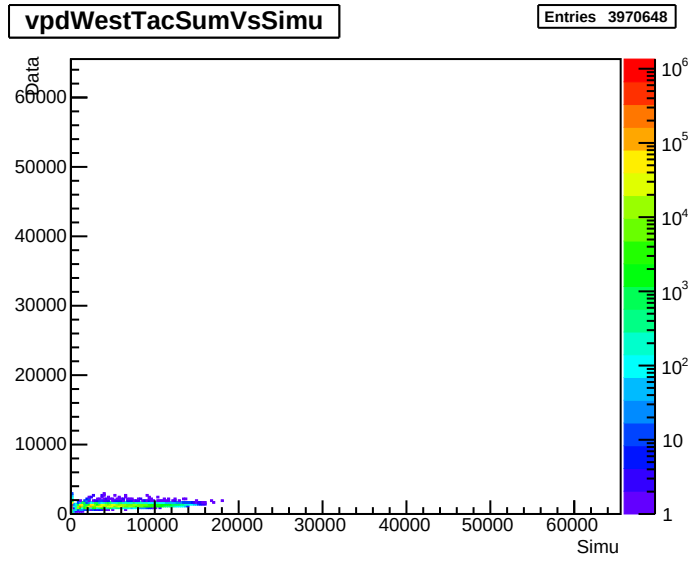

vpdWestAdcSum
Entries4731205

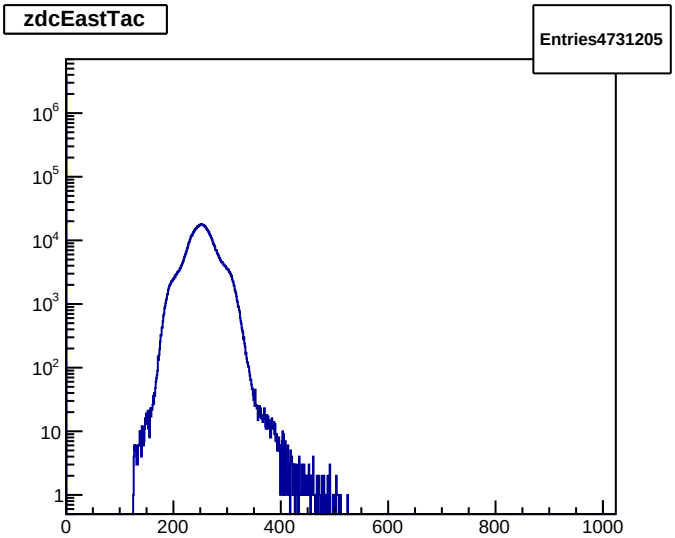

vpdWestAdcSumVsSimu
Entries 3351165
Data
Simu

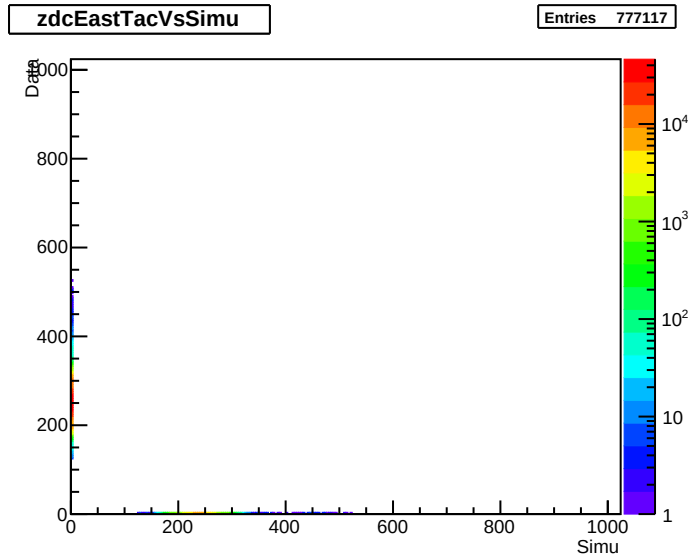

vpdWestNHits
Entries4731205

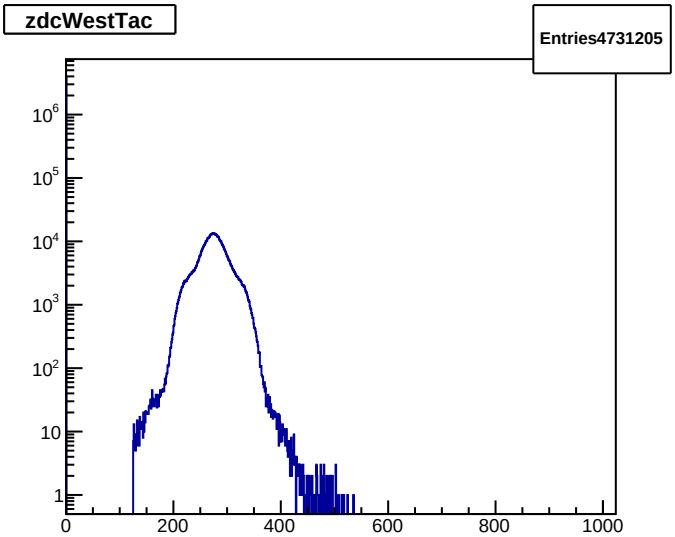

vpdWestNHitsVsSimu
Entries 1495061

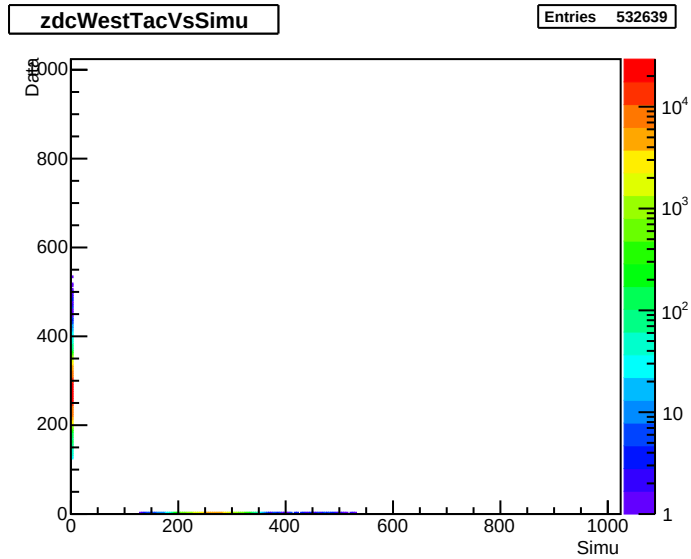

vpdWestTacSum
Entries4731205

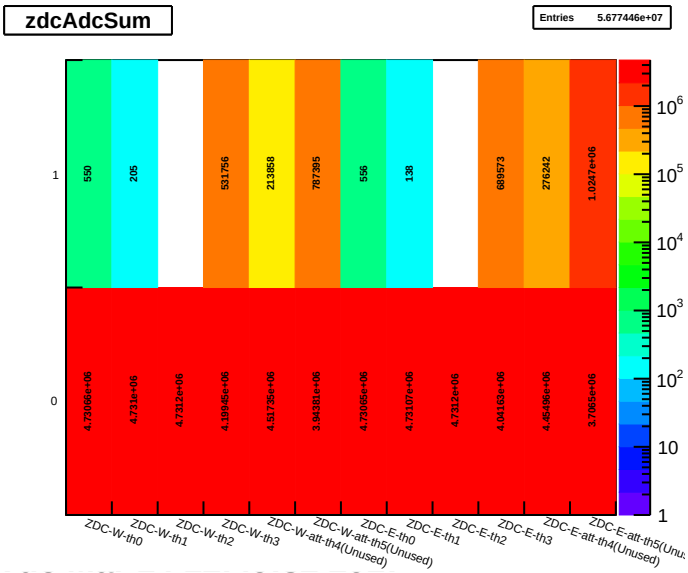

vpdWestTacSumVsSimu
Entries 3970648
Data
Simu

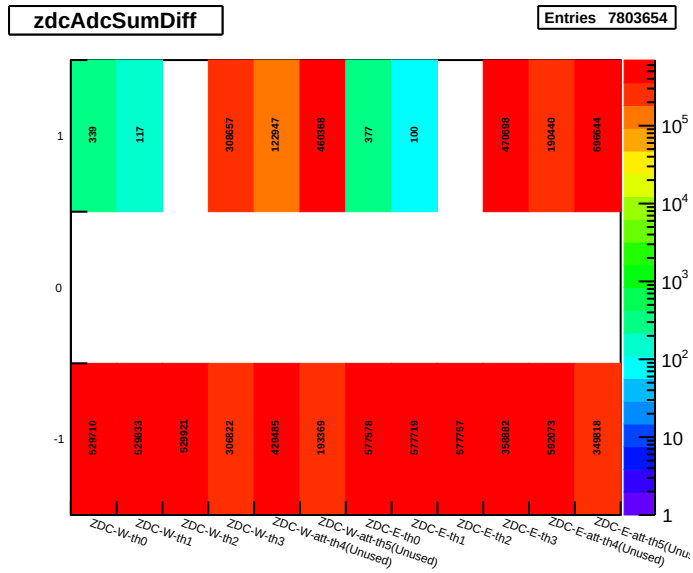

zdcEastTac
Entries4731205

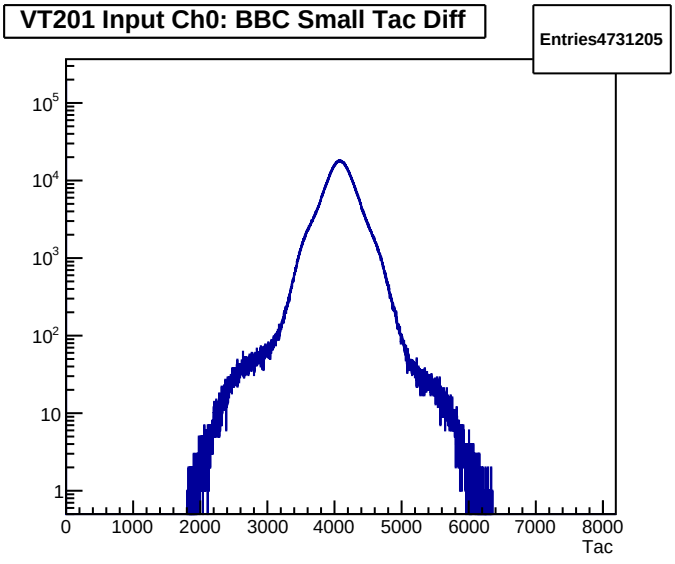

zdcEastTacVsSimu
Entries 777117
Data
Simu

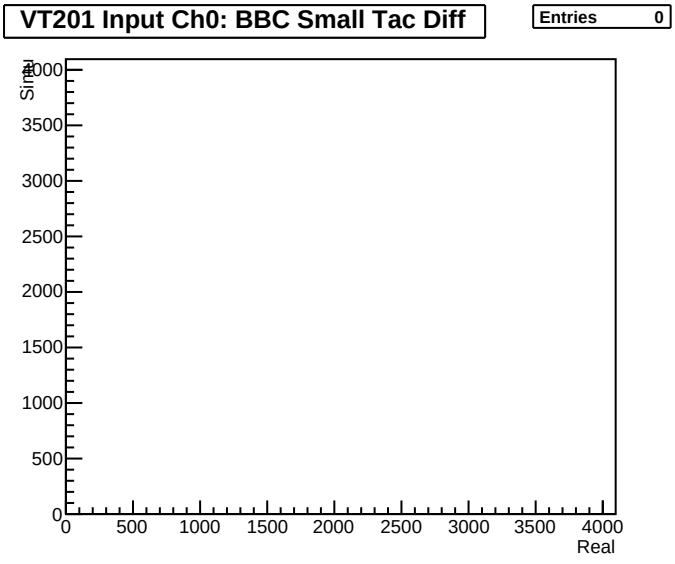

zdcWestTac
Entries4731205

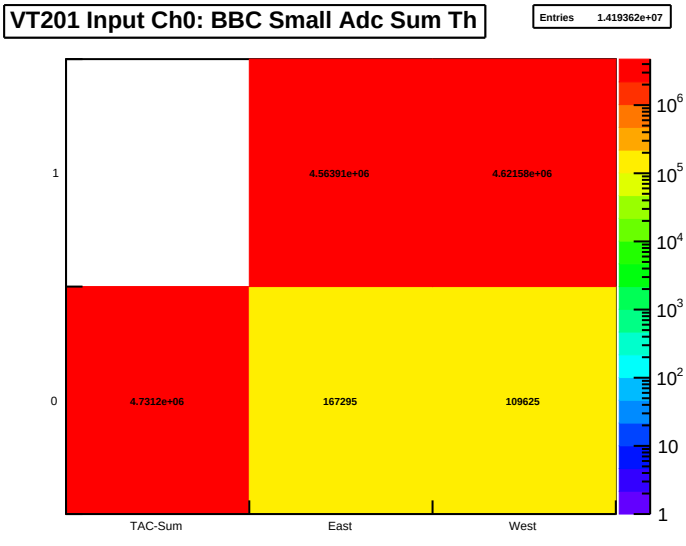

zdcWestTacVsSimu
Entries 532639
Data
Simu

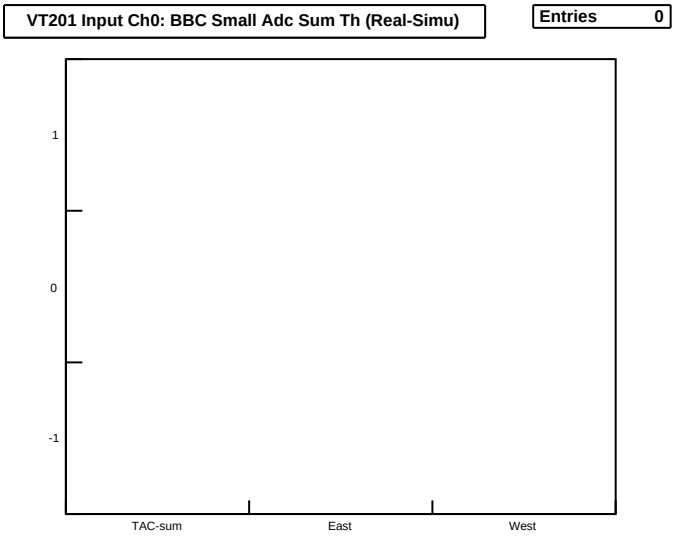

zdcAdcSum
Entries 5.677446e+07
550
205
531756
213858
787395
556
138
689573
276242
1.0247e+06
4.73066e+06
4.731e+06
4.7312e+06
4.19945e+06
4.51735e+06
3.94381e+06
4.73065e+06
4.73107e+06
4.7312e+06
4.04162e+06
4.45496e+06
3.7065e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

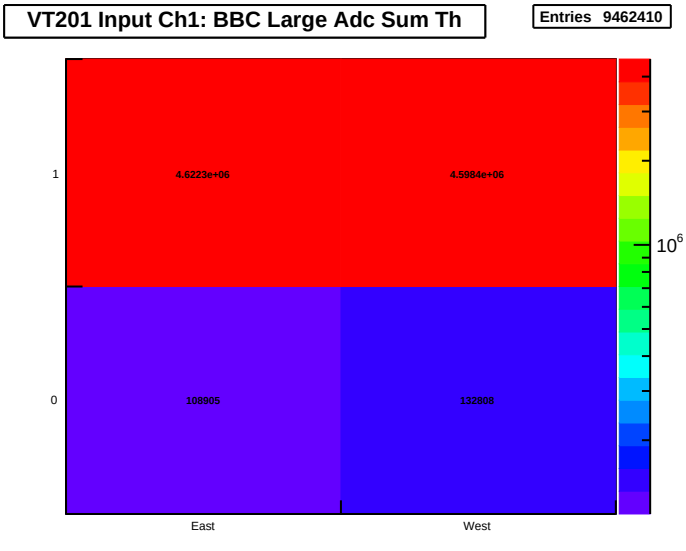

zdcAdcSumDiff
Entries 7803654
339
117
308657
122947
460368
377
100
470698
190440
696644
529710
528833
529921
308822
429485
193369
577578
577719
577757
358882
592073
348818
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

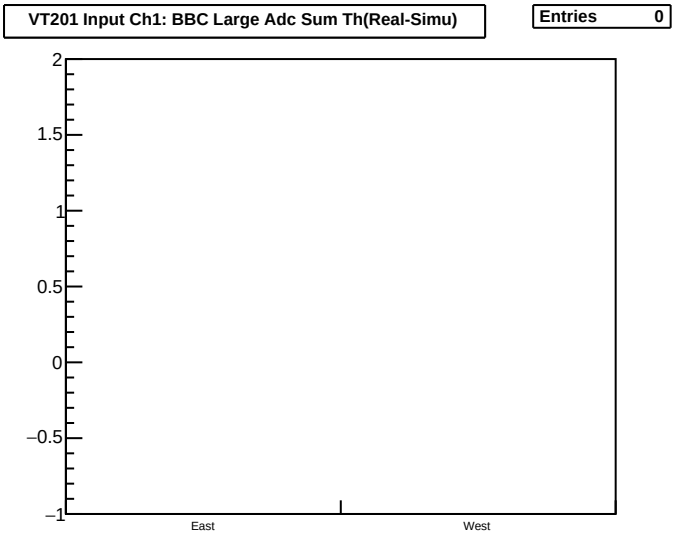

VT201 Input Ch0: BBC Small Tac Diff
Entries4731205
Tac


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

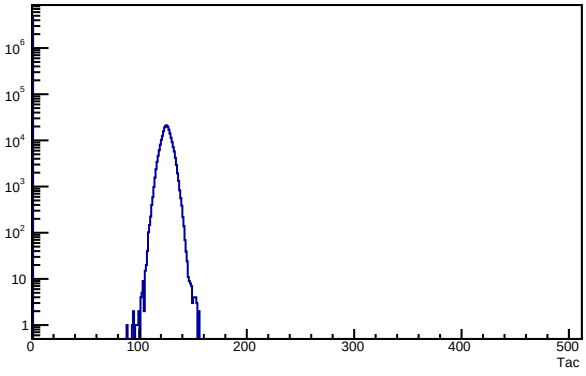

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.419362e+07
4.56391e+06
4.62158e+06
4.7312e+06
167295
109625
TAC-Sum
East
West


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

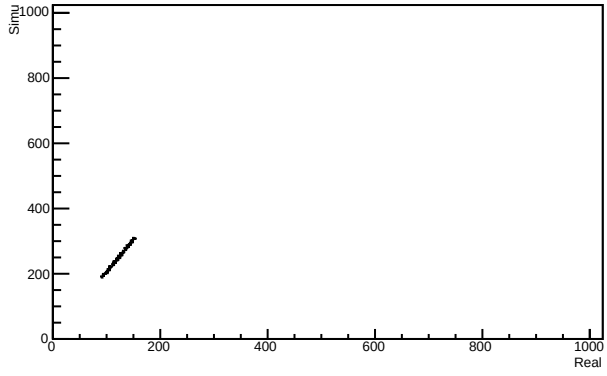

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9462410
4.6223e+06
4.5984e+06
108905
132808
East
West


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

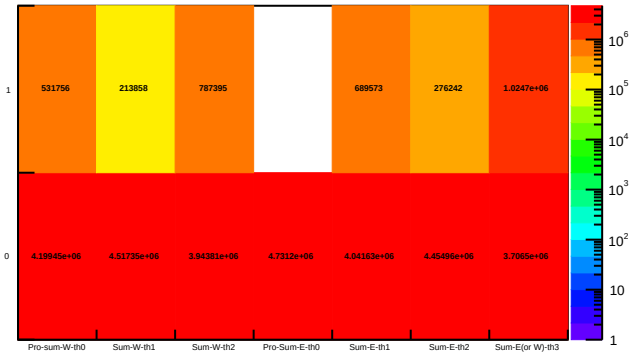
VT201 Input Ch2: ZDC Tac Diff



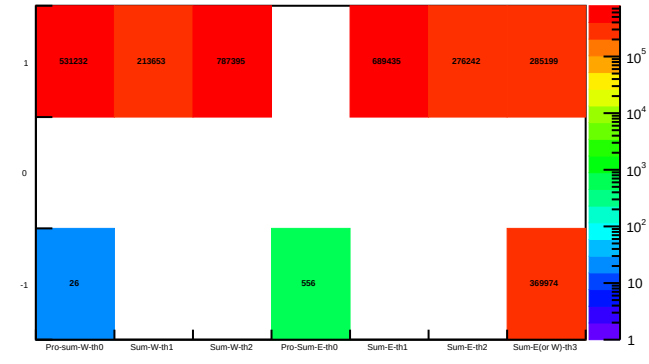
VT201 Input Ch2: ZDC Tac Diff



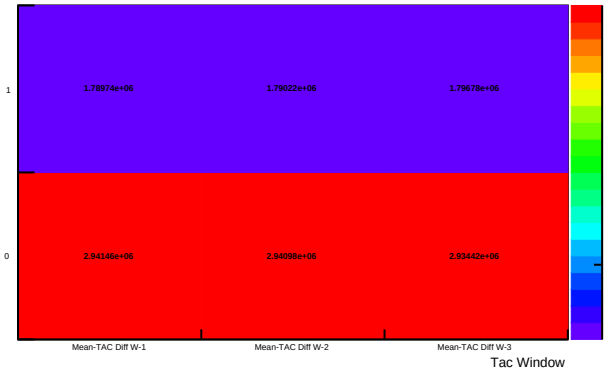
VT201 Input Ch2: ZDC Adc Sum Th



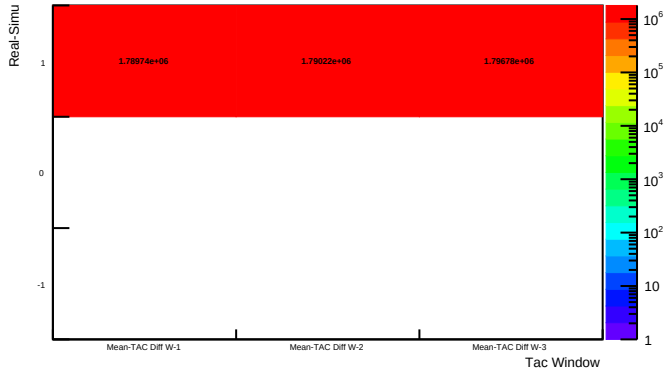
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



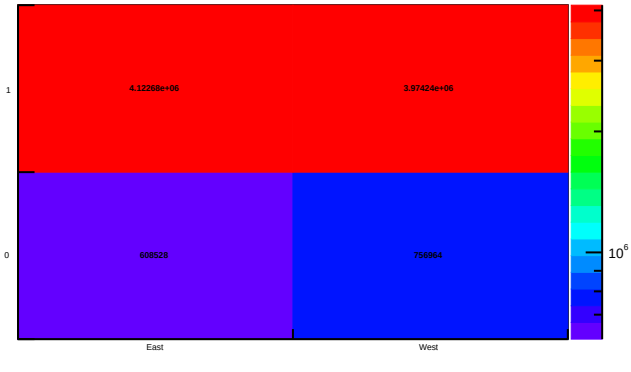
VT201 Input Ch4: VPD Tac Diff



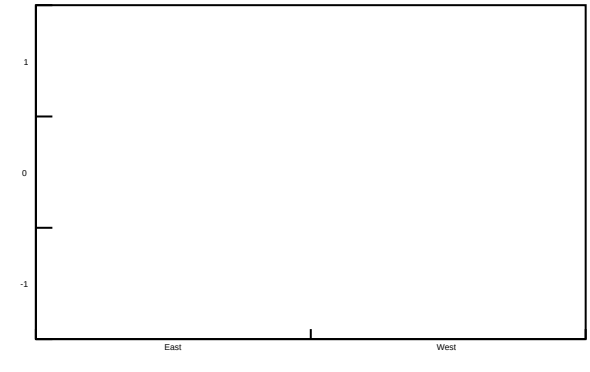
VT201 Input Ch4: VPD Tac Diff

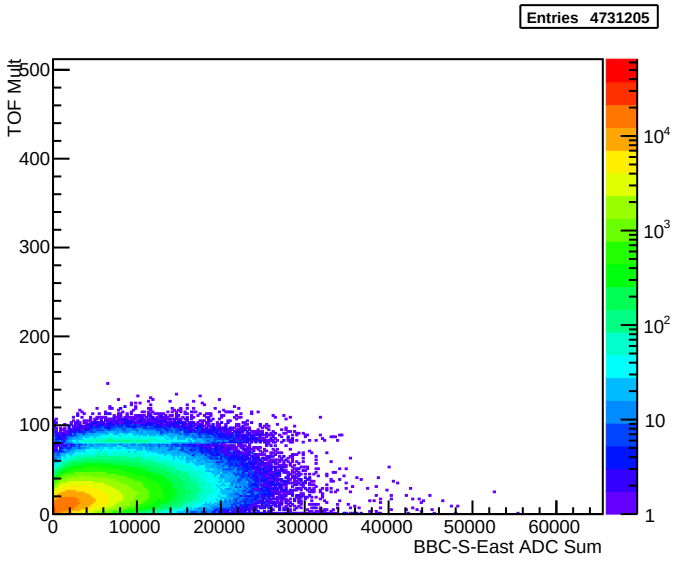


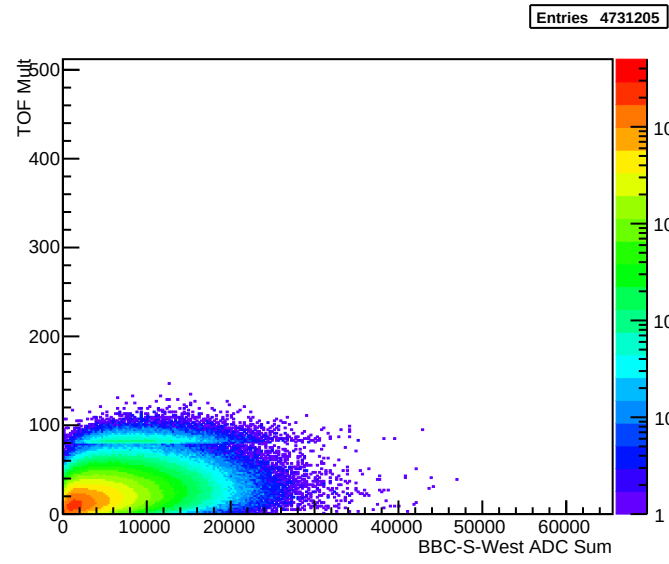
VT201 Input Ch4: VPD Adc Sum Th

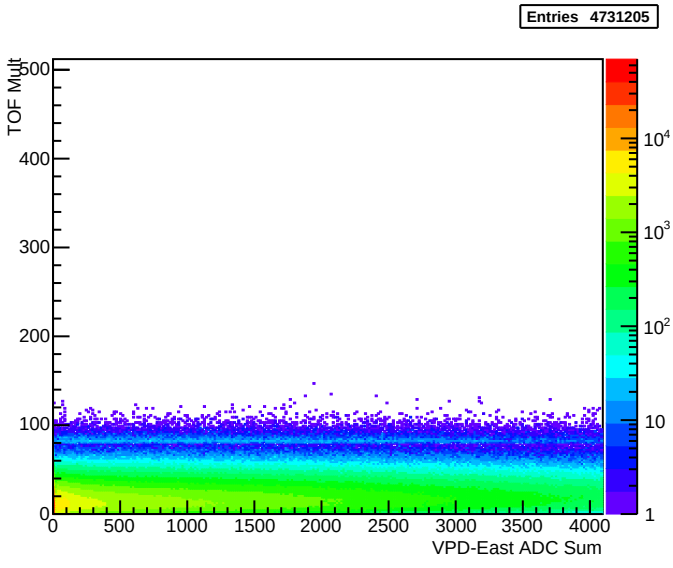


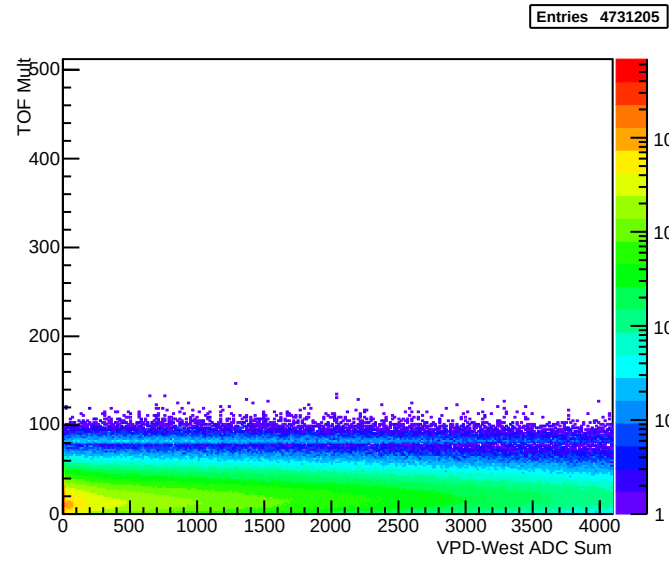
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

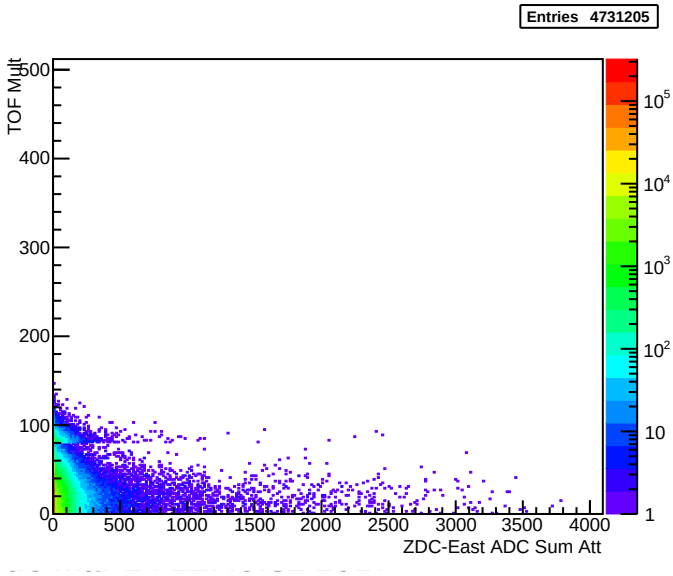


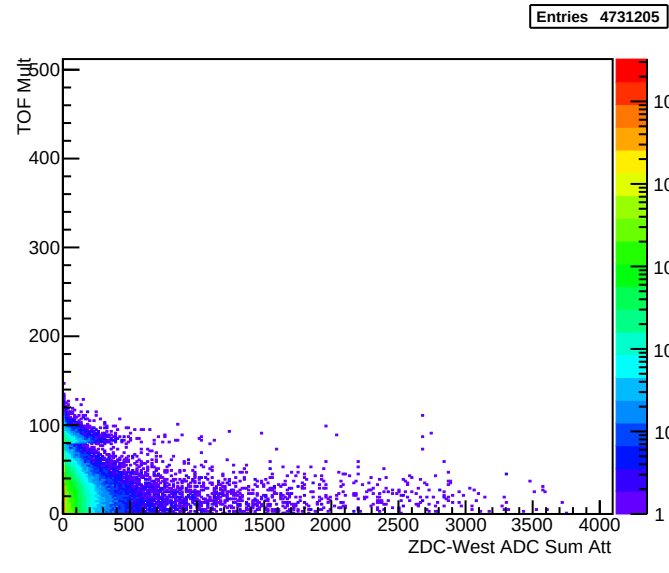

Entries 4731205
TOF Mult
BBC-S-East ADC Sum

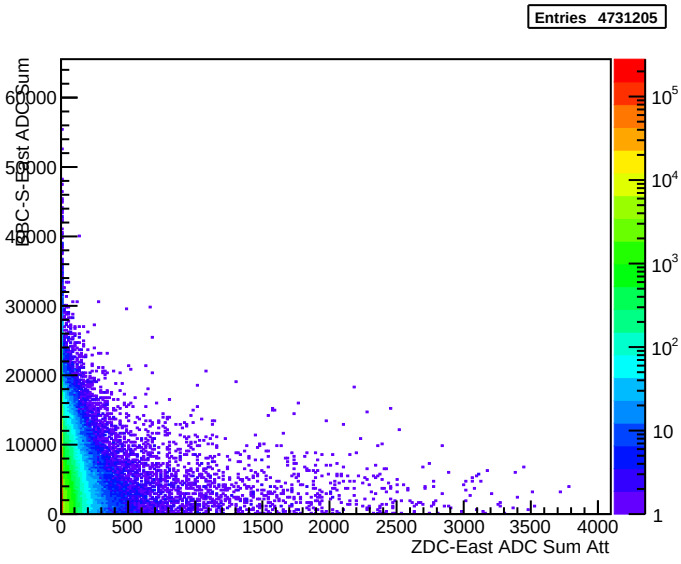

Entries 4731205
TOF Mult
BBC-S-West ADC Sum

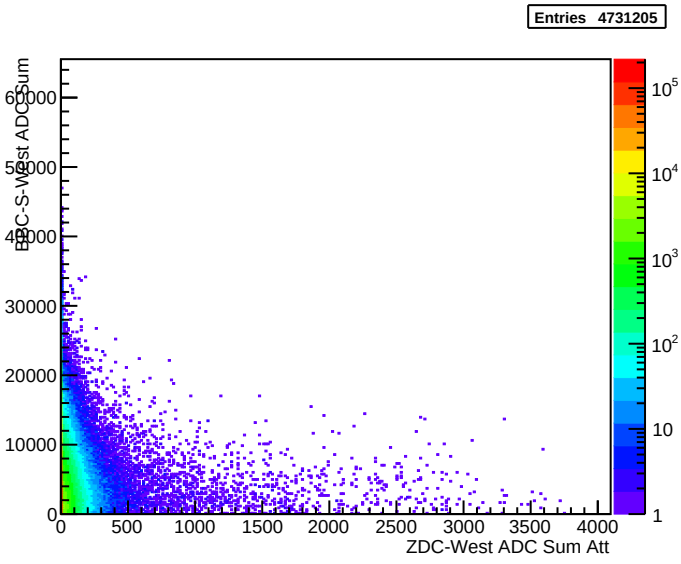

Entries 4731205
TOF Mult
VPD-East ADC Sum

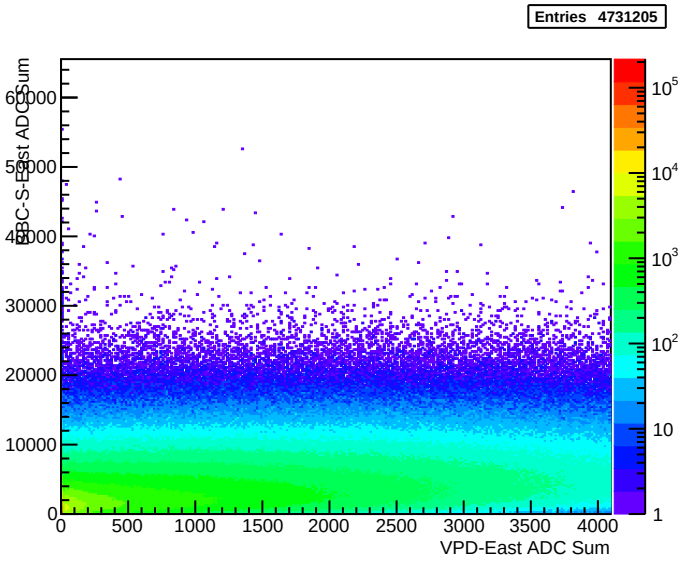

Entries 4731205
TOF Mult
VPD-West ADC Sum

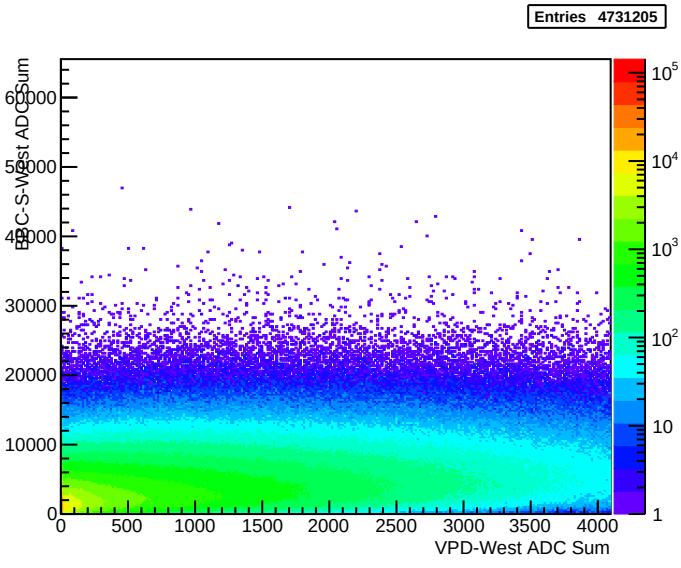

Entries 4731205
TOF Mult
ZDC-East ADC Sum Att

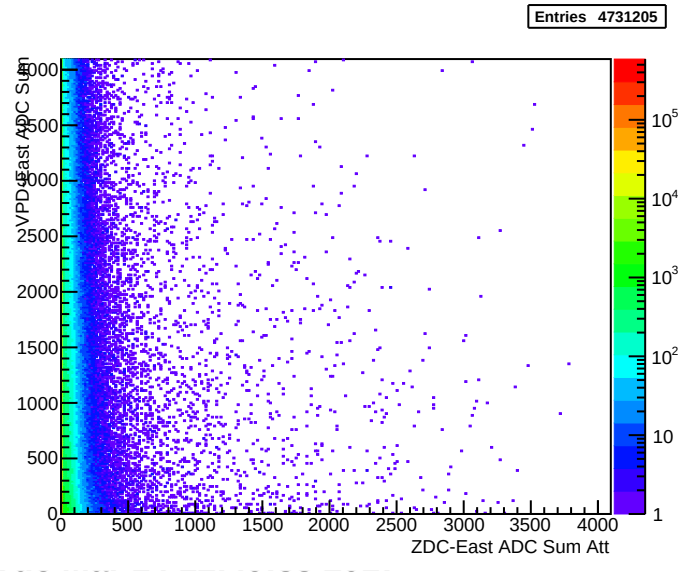

Entries 4731205
TOF Mult
ZDC-West ADC Sum Att

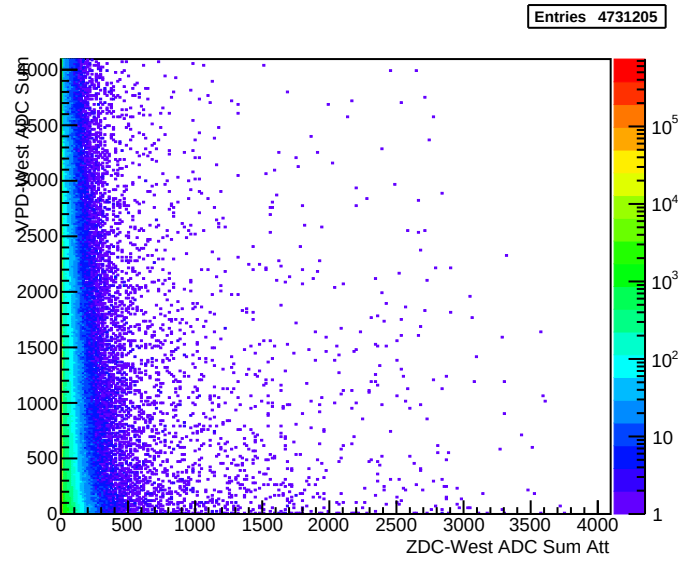

Entries 4731205
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

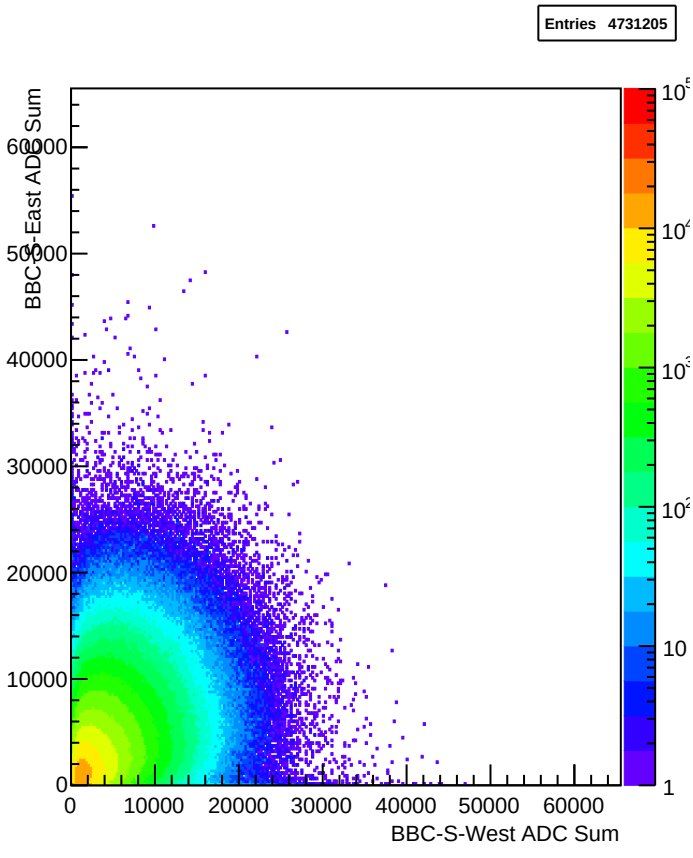

Entries 4731205
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

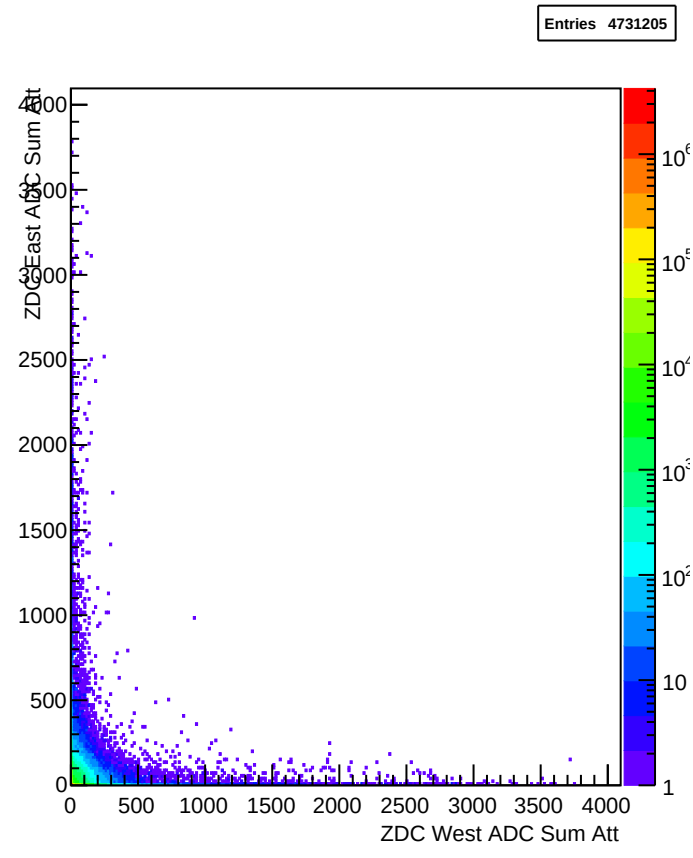

Entries 4731205
BBC-S-East ADC Sum
VPD-East ADC Sum

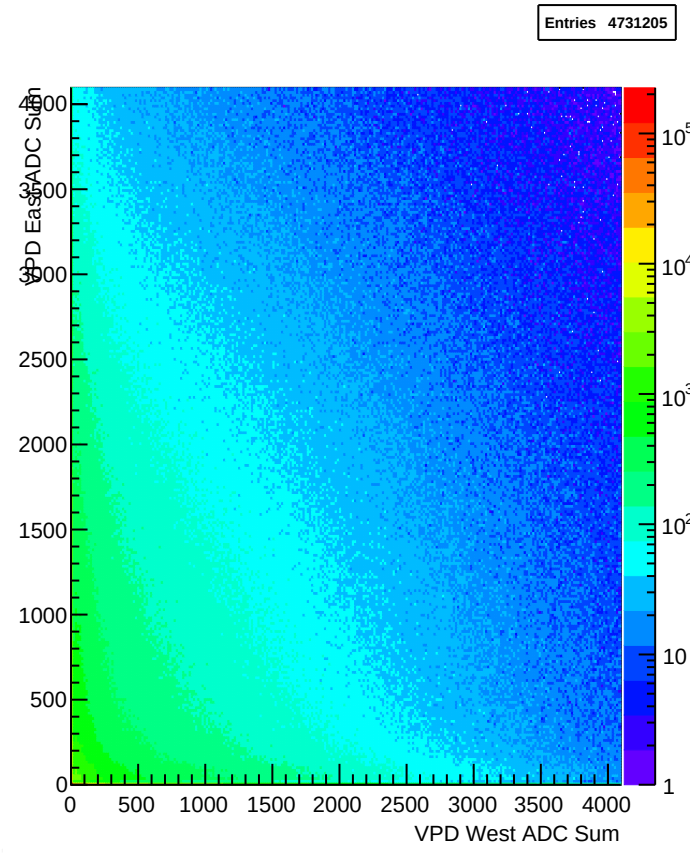

Entries 4731205
BBC-S-West ADC Sum
VPD-West ADC Sum

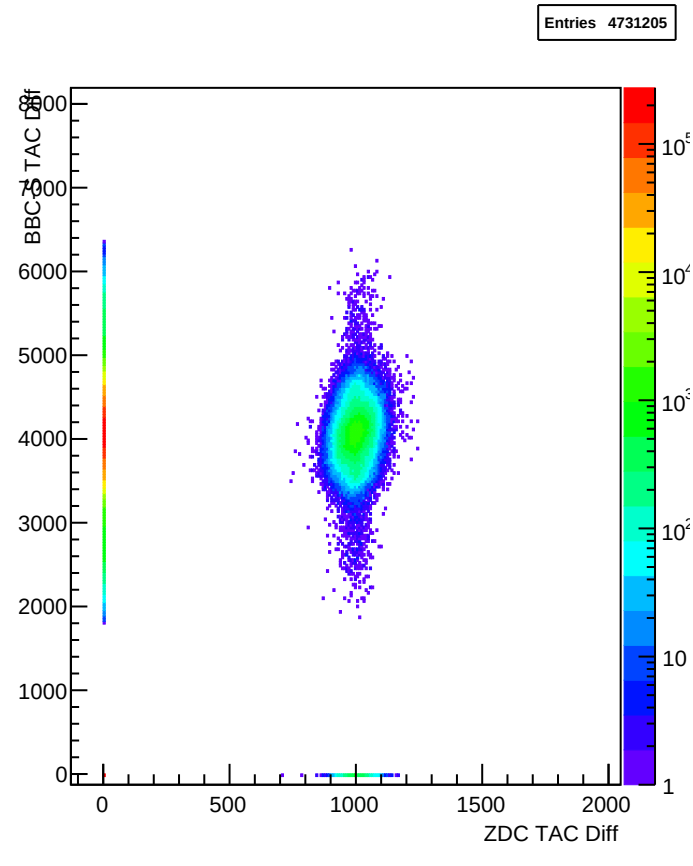

Entries 4731205
VPD-East ADC Sum
ZDC-East ADC Sum Att

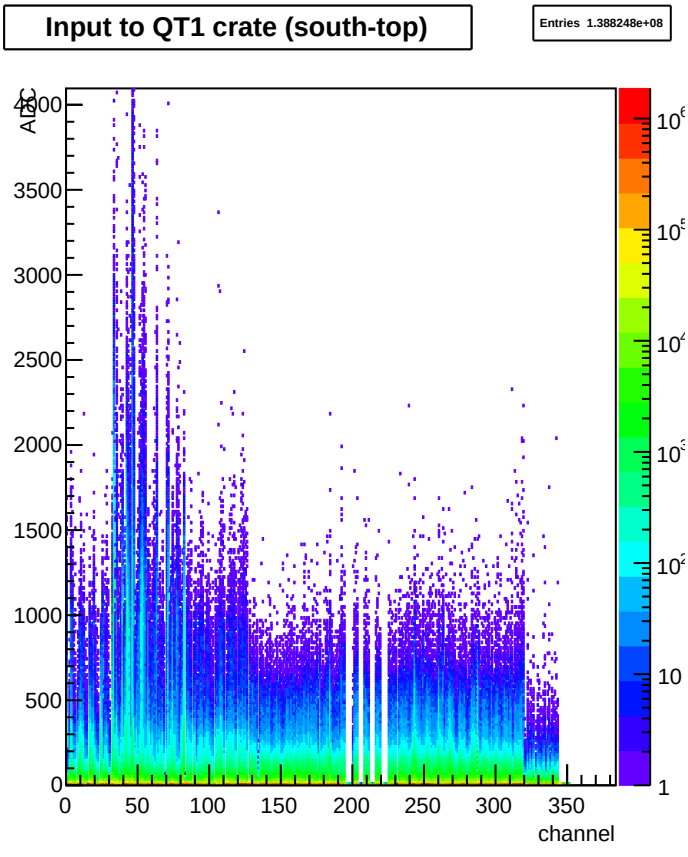

Entries 4731205
VPD-West ADC Sum
ZDC-West ADC Sum Att

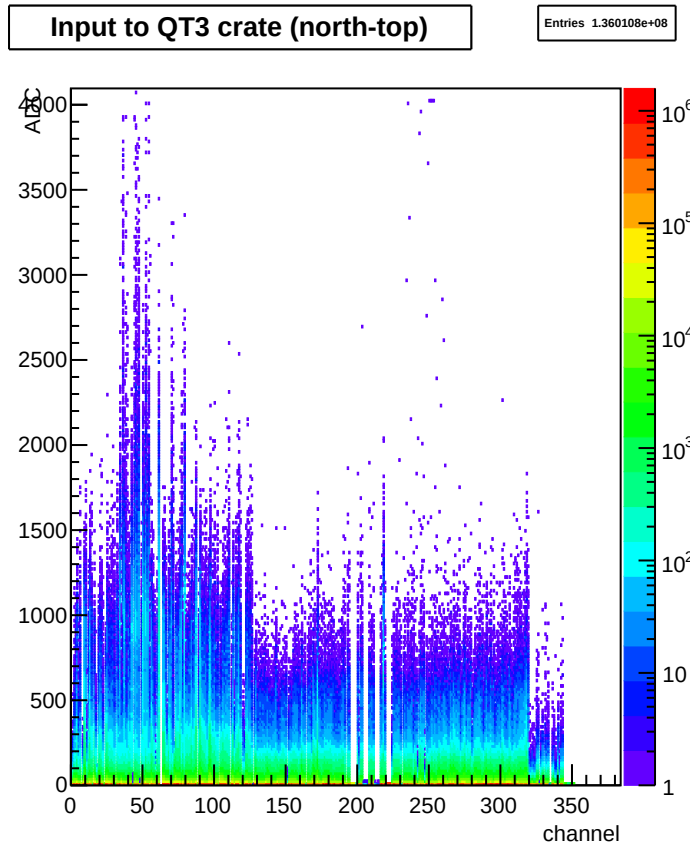

Entries 4731205
BBC-S-East ADC Sum
BBC-S-West ADC Sum

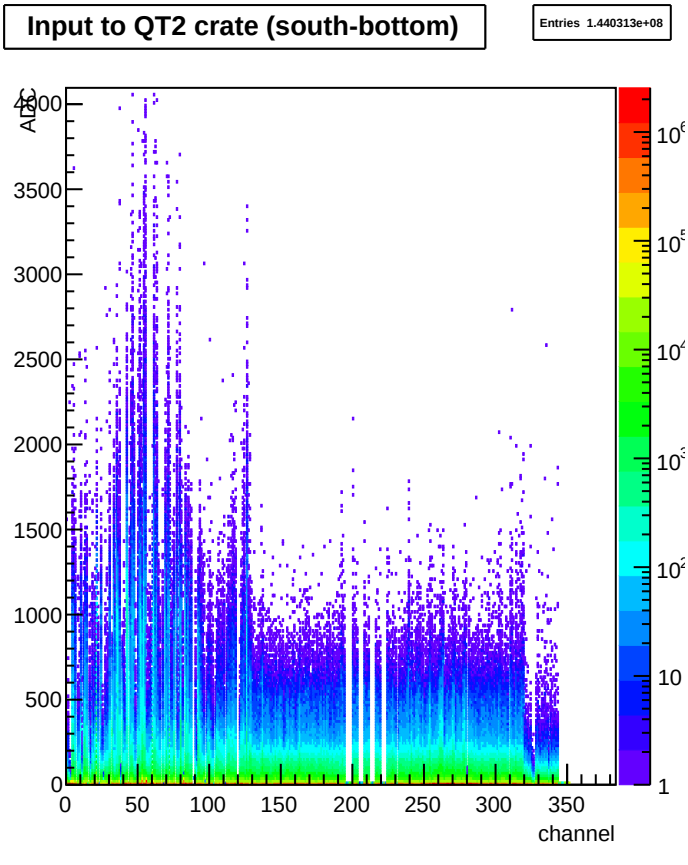

Entries 4731205
ZDC East ADC Sum Att
ZDC West ADC Sum Att

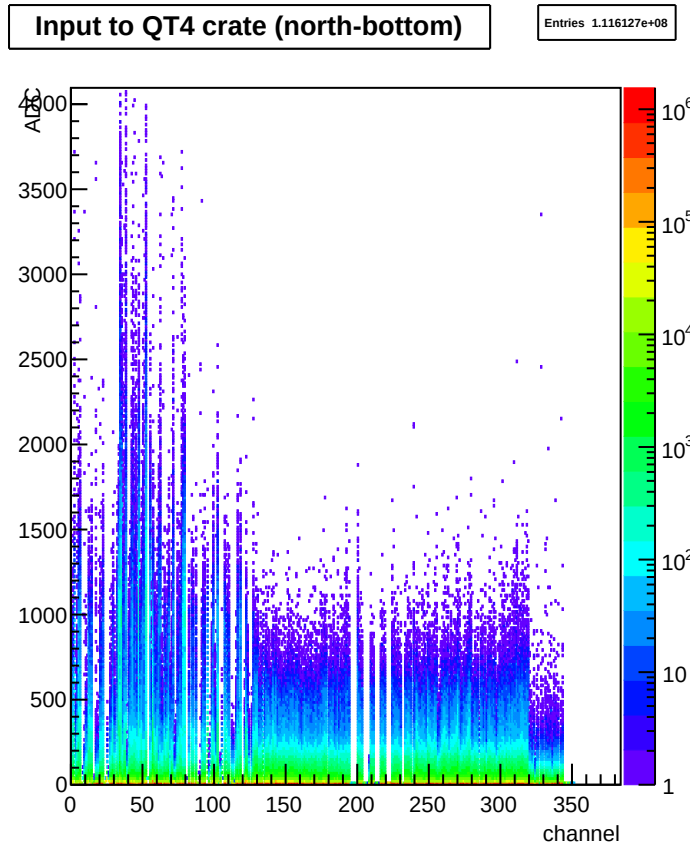

Entries 4731205
VPD East ADC Sum
VPD West ADC Sum

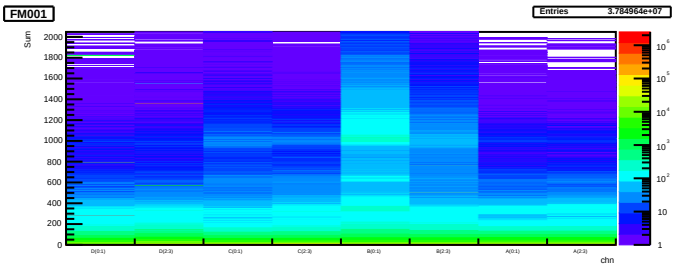

Entries 4731205
BBC-S TAC Diff
ZDC TAC Diff


Input to QT1 crate (south-top)
Entries 1.388248e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 1.360108e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.440313e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.116127e+08
ADC
channel


FM001
Entries 3.784964e+07
Sum
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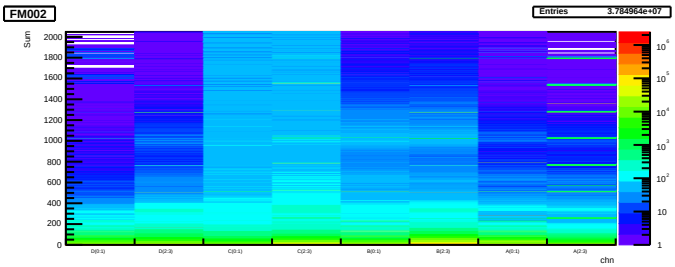
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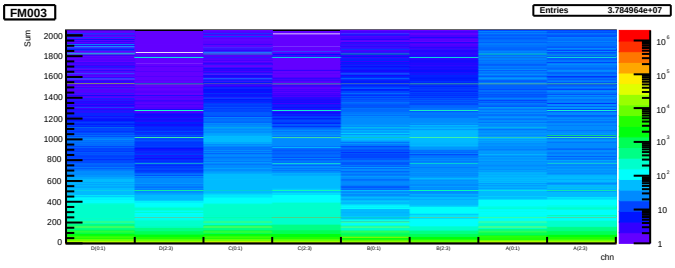
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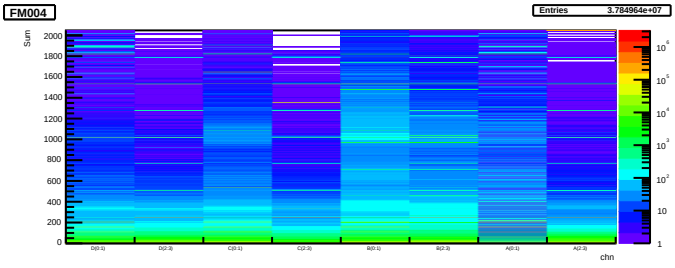
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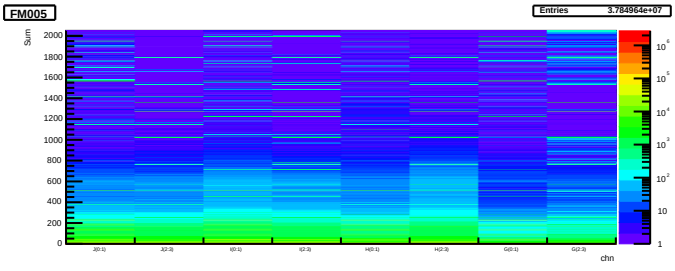
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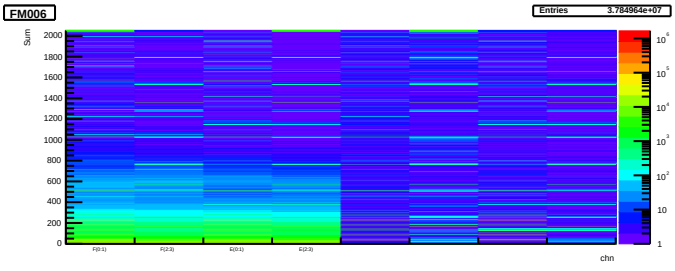
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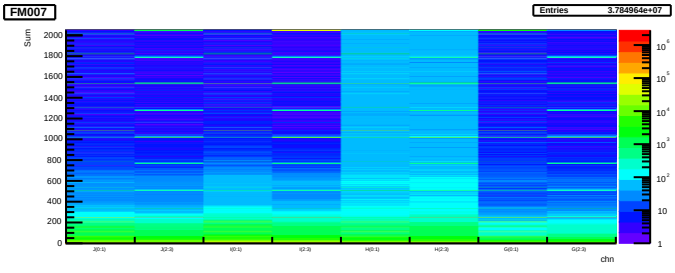
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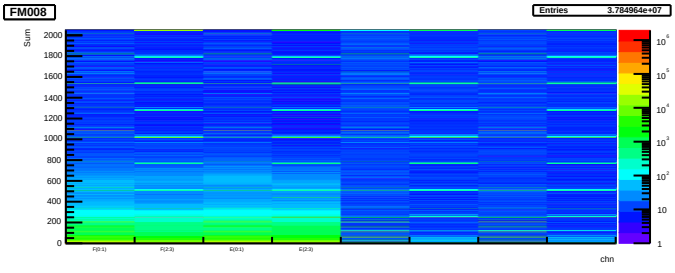
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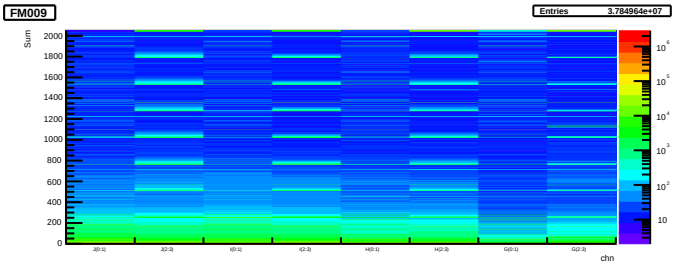
FM009
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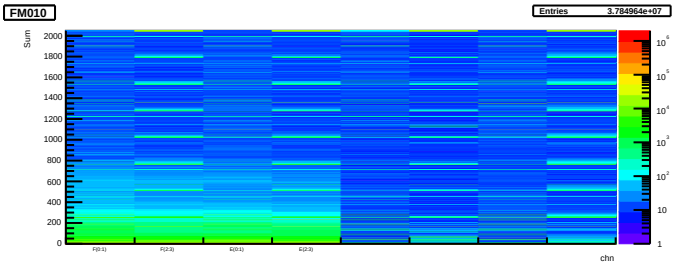
FM010
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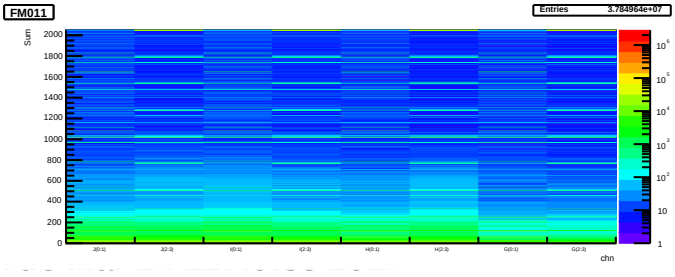
FM011
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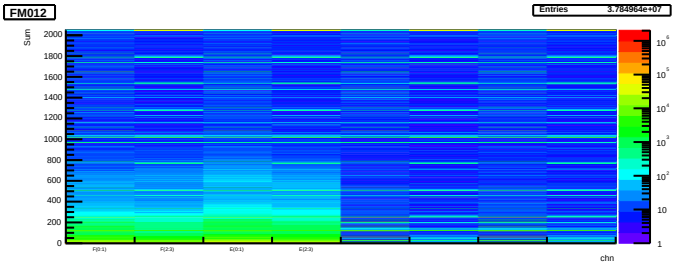
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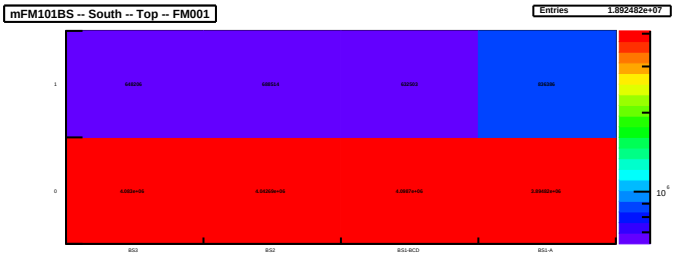
mFM101BS -- South -- Top -- FM001
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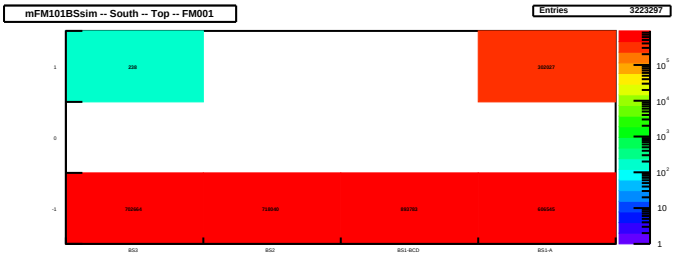
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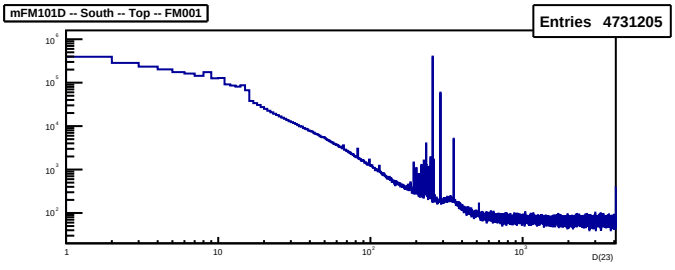
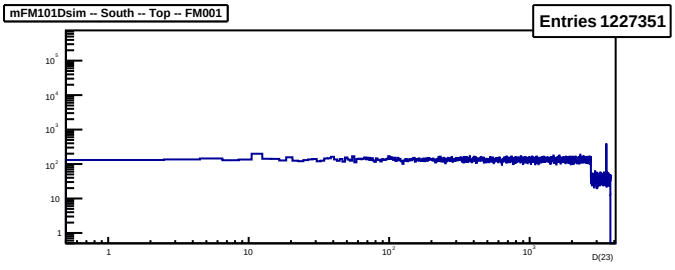

mFM101D -- South -- Top -- FM001
Entries 4731205
D(23)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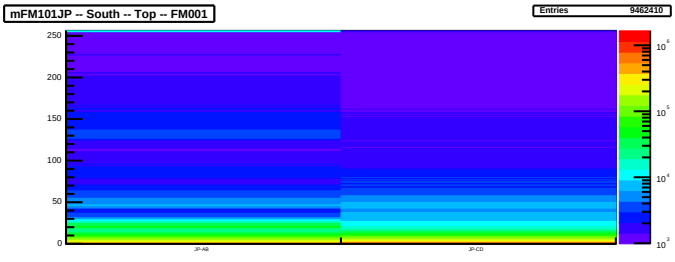
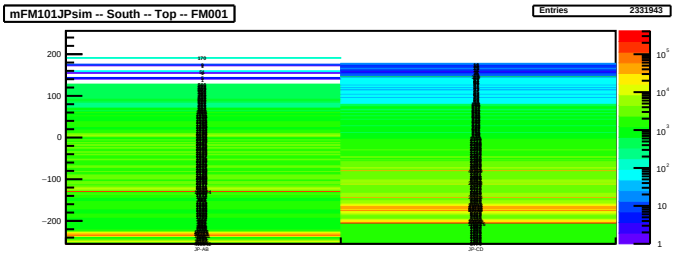
D(23)


mFM101JP -- South -- Top -- FM001
Entries 9462410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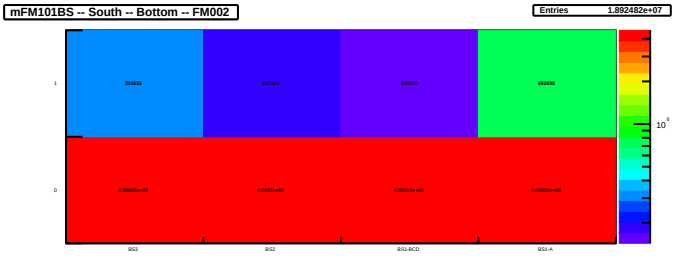
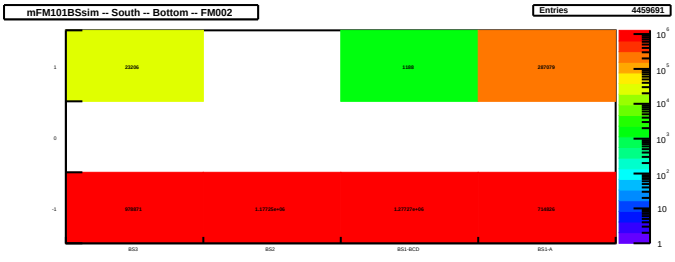

mFM101BS -- South -- Bottom -- FM002
Entries 1.892482e+07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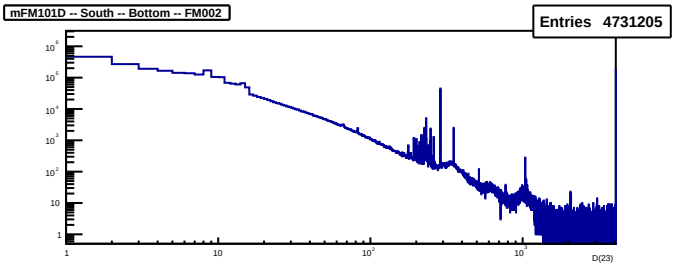
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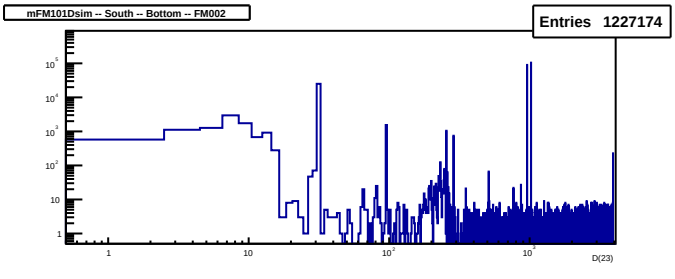
Entries 4731205
D(23)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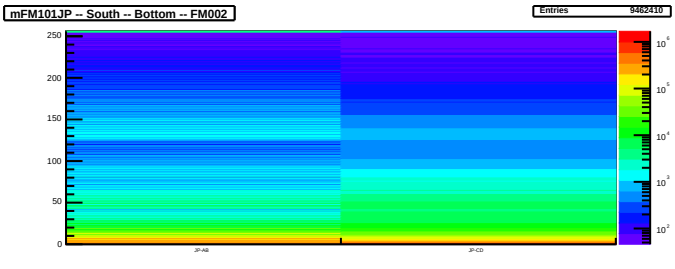
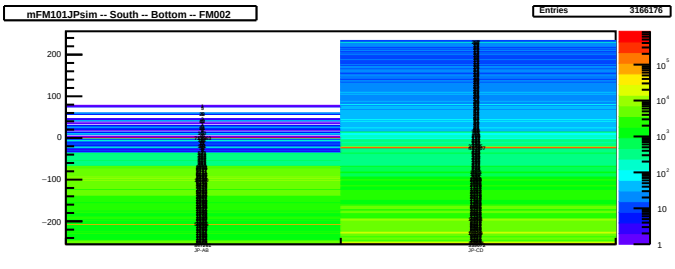

mFM101JP -- South -- Bottom -- FM002
Entries 9462410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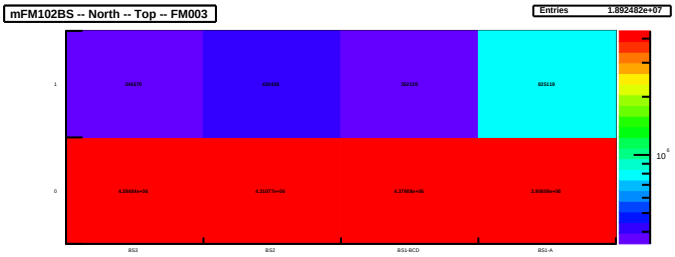
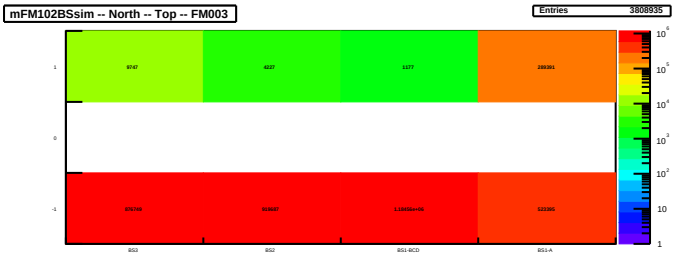

mFM102BS -- North -- Top -- FM003
Entries 1.892482e+07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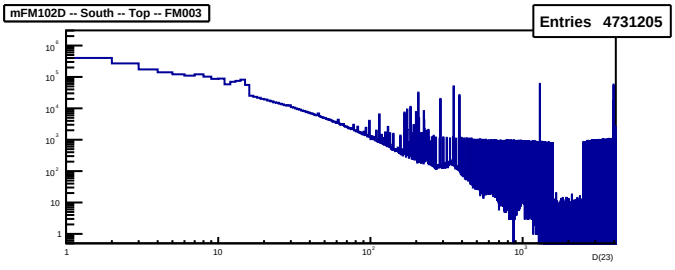
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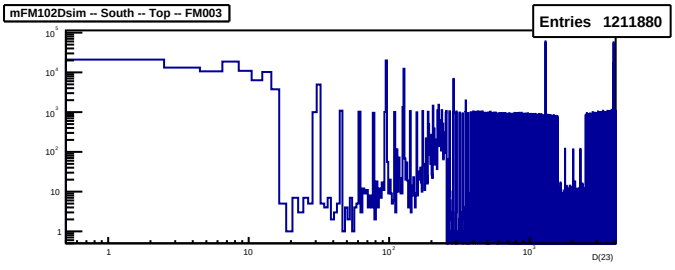
Entries 4731205
D(23)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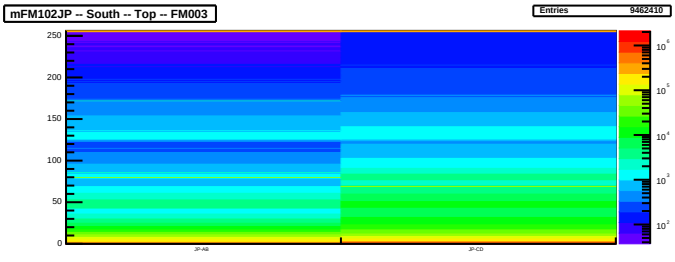
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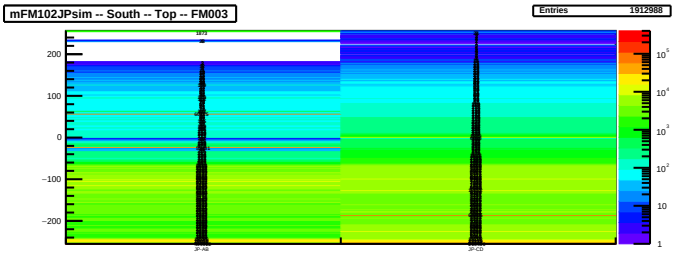
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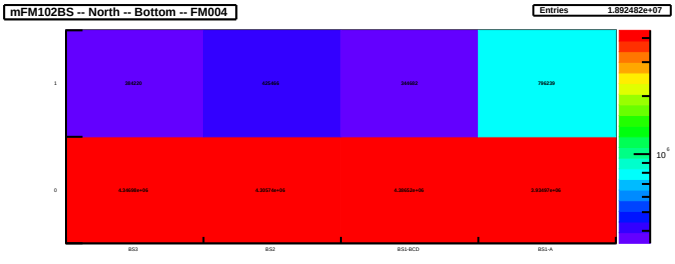
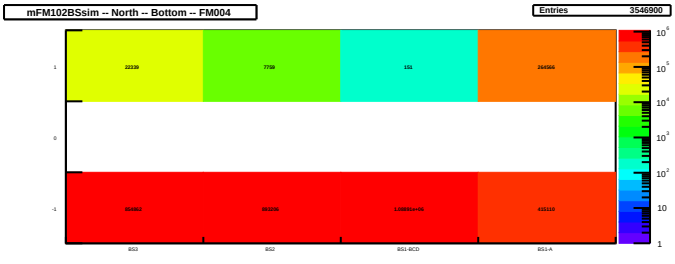

mFM102BS -- North -- Bottom -- FM004
Entries 1.892482e+07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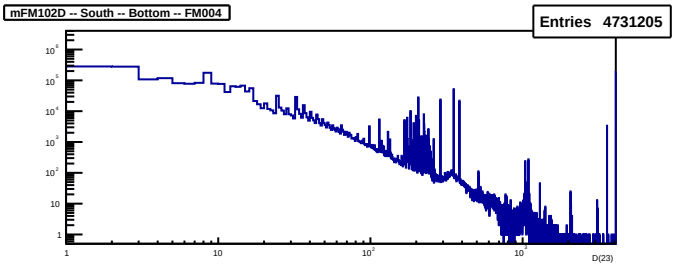
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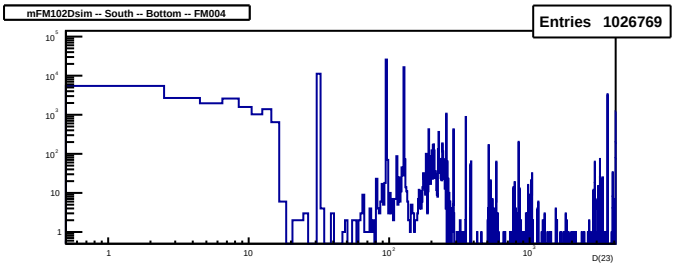
Entries 4731205
D(23)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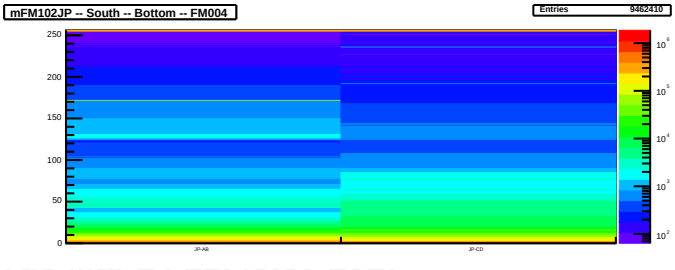
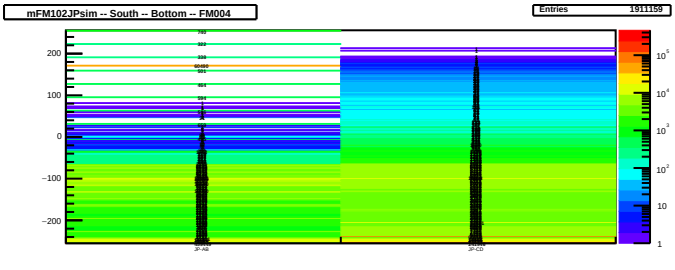
Entries 1026769
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 9462410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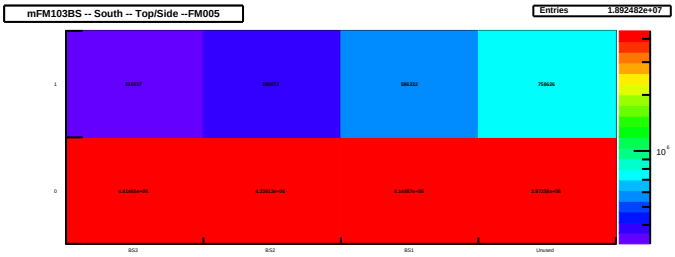
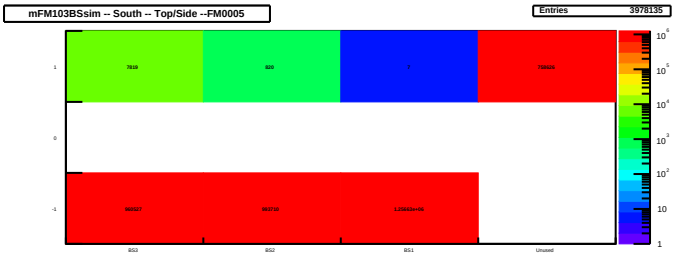

mFM103BS -- South -- Top/Side --FM005
Entries 1.892482e+07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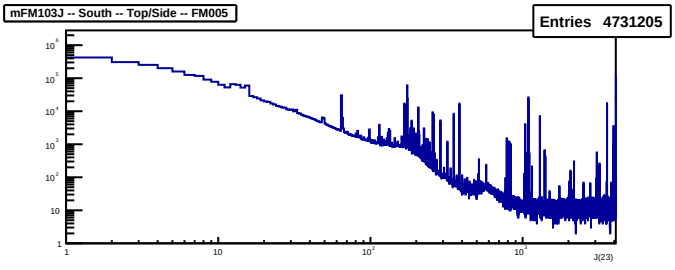
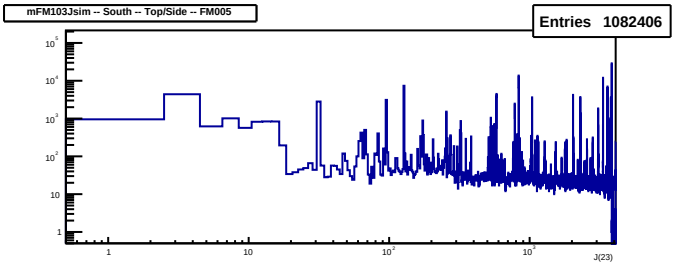

mFM103J -- South -- Top/Side -- FM005
Entries 4731205
J(23)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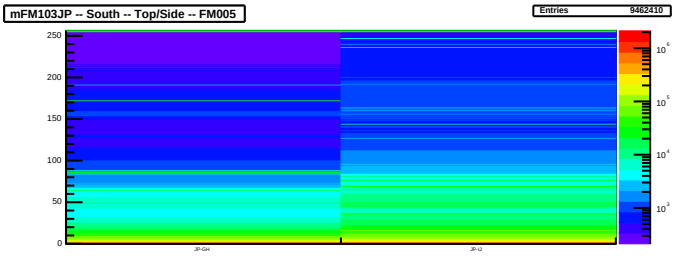
Entries 1082406
J(23)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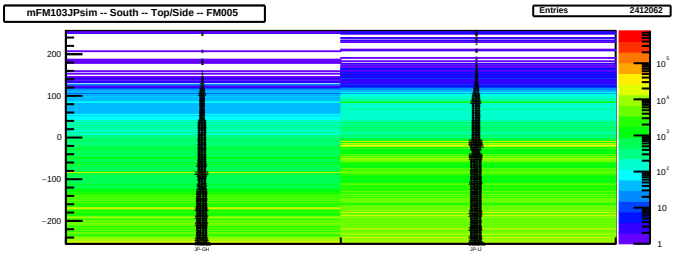
Entries 9462410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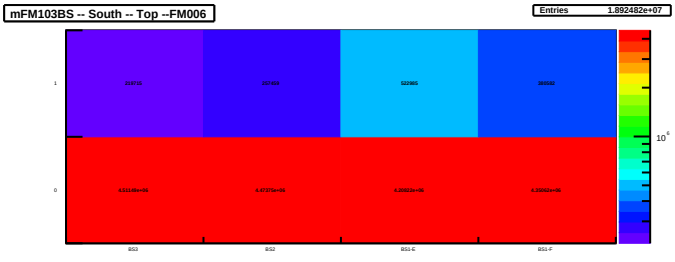
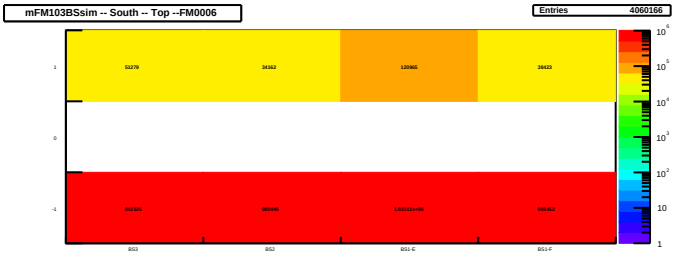

mFM103BS -- South -- Top --FM006
Entries 1.892482e+07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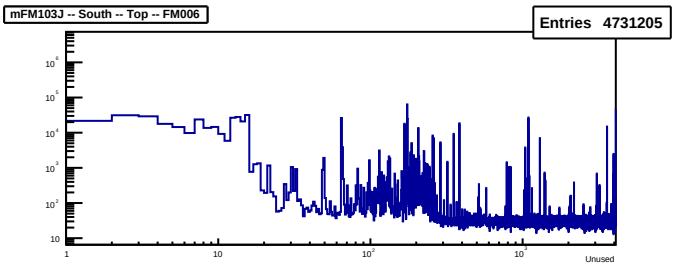
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Entries 4731205
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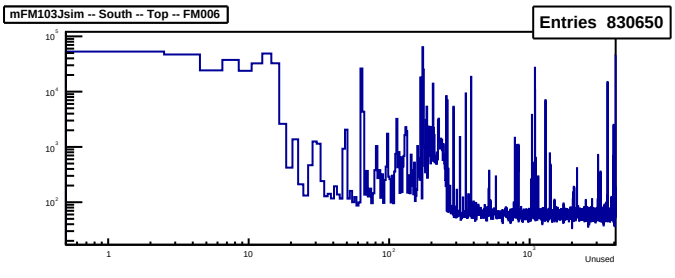
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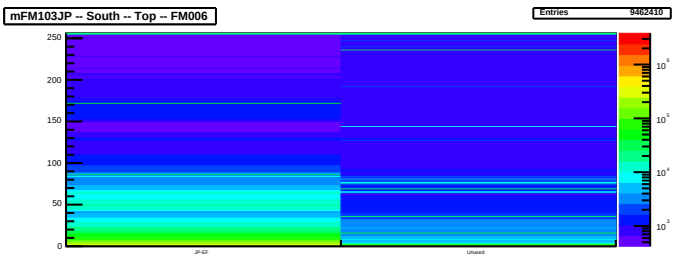
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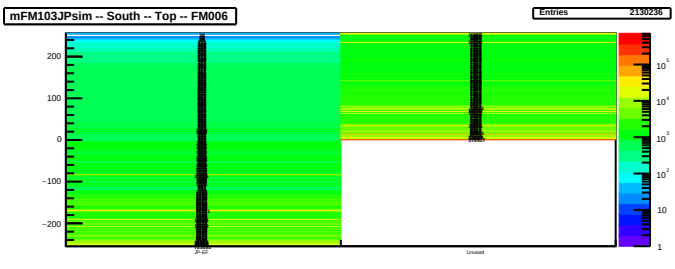
Entries 9462410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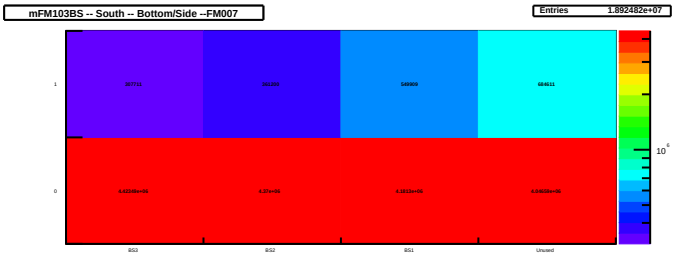
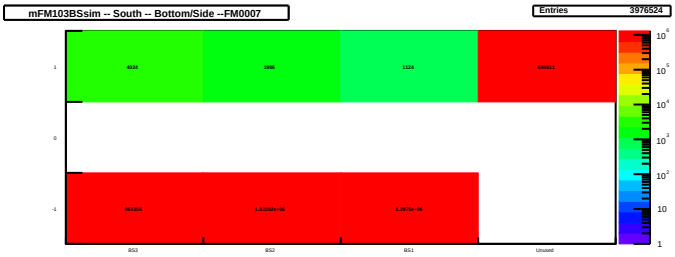

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.892482e+07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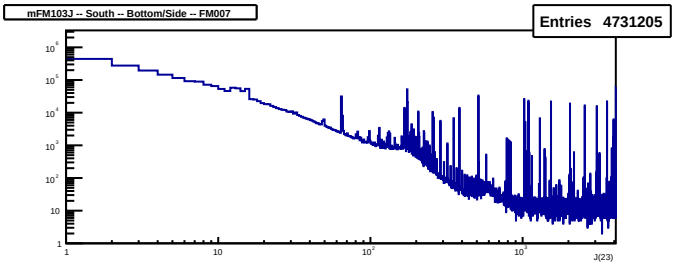
mFM103J -- South -- Bottom/Side -- FM007
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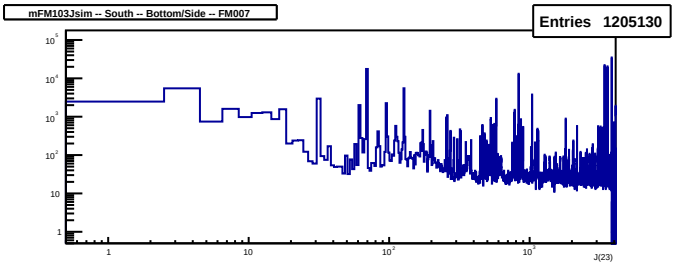
J(23)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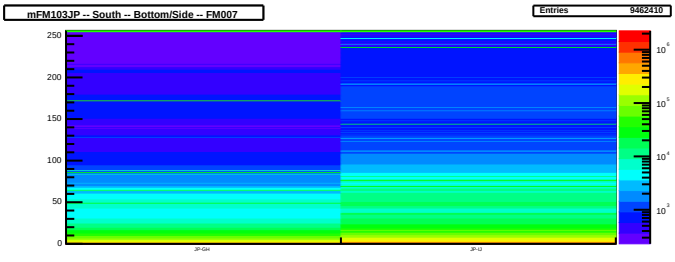
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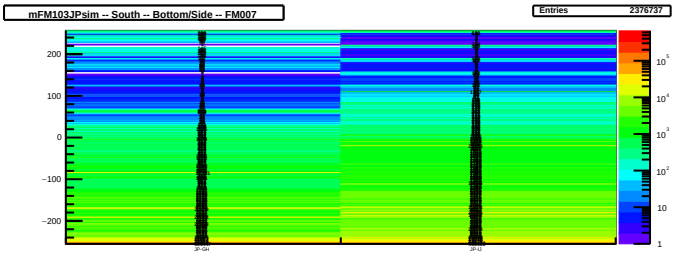
Entries 9462410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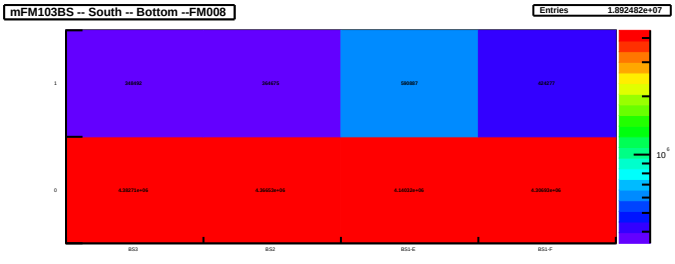
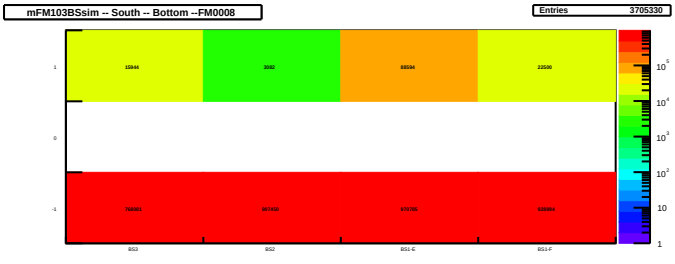
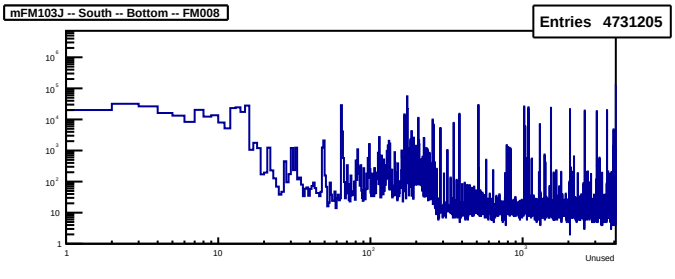
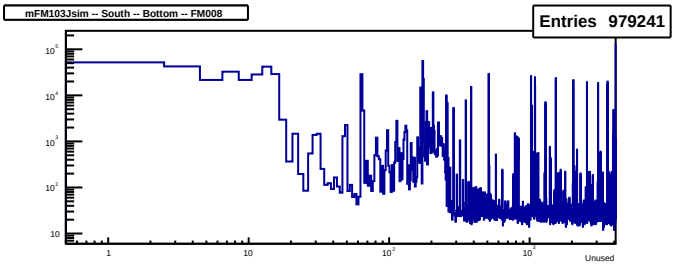
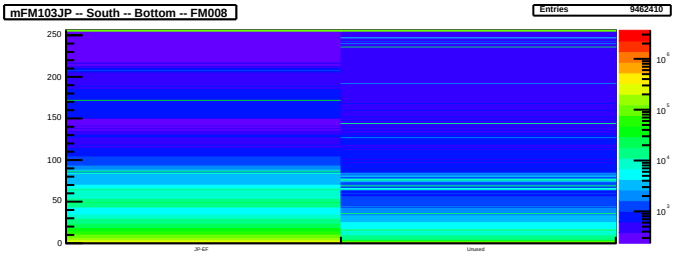
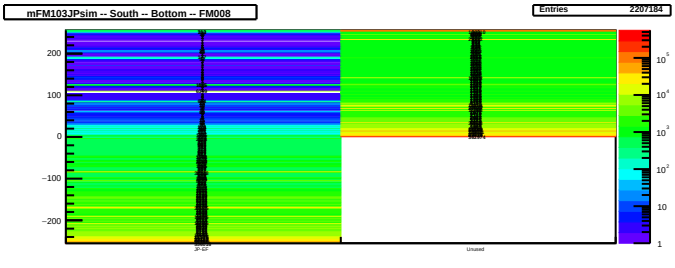

mFM103BS -- South -- Bottom --FM008
Entries 1.892482e+07

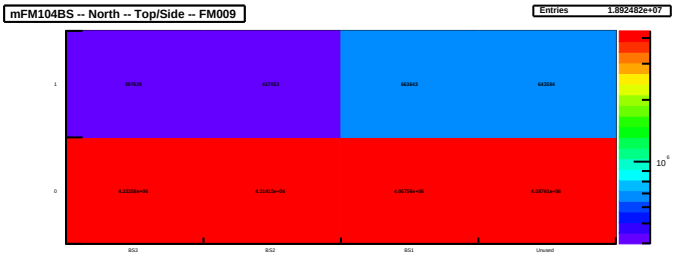

mFM103BSsim -- South -- Bottom --FM0008
Entries 3705330

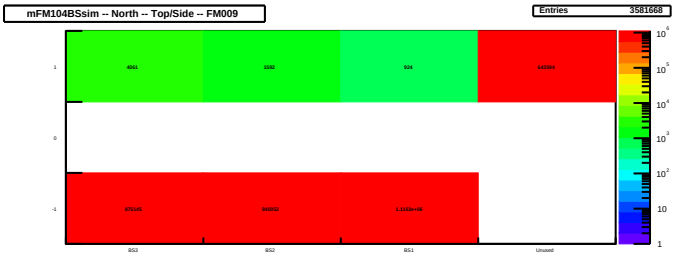

mFM103J -- South -- Bottom -- FM008
Entries 4731205
Unused

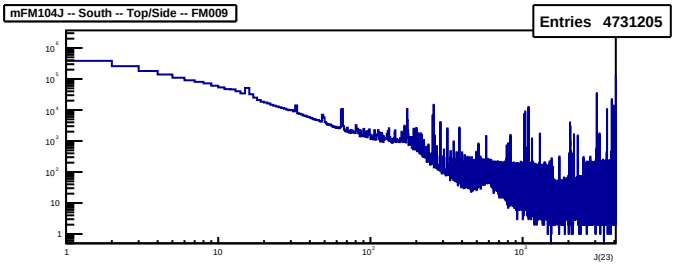

mFM103Jsim -- South -- Bottom -- FM008
Entries 979241
Unused

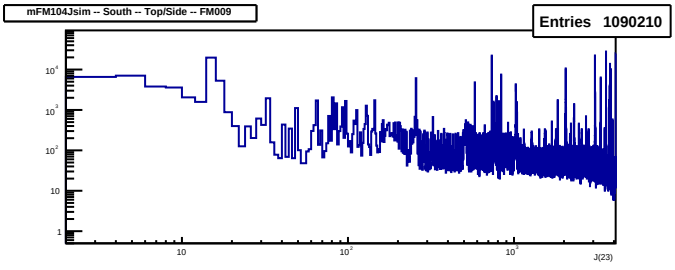

mFM103JP -- South -- Bottom -- FM008
Entries 9462410

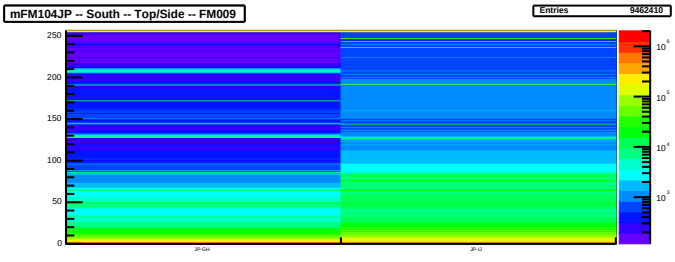

mFM103JPsim -- South -- Bottom -- FM008
Entries 2207184

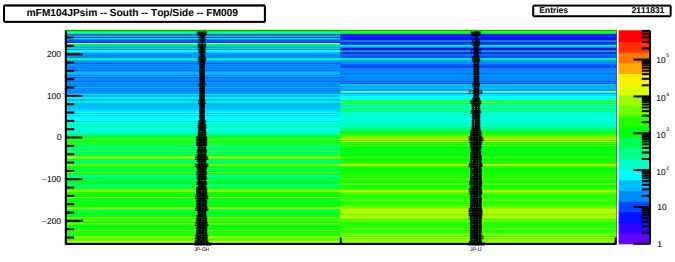

mFM104BS -- North -- Top/Side -- FM009
Entries 1.892482e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 3581668


mFM104J -- South -- Top/Side -- FM009
Entries 4731205
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1090210
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9462410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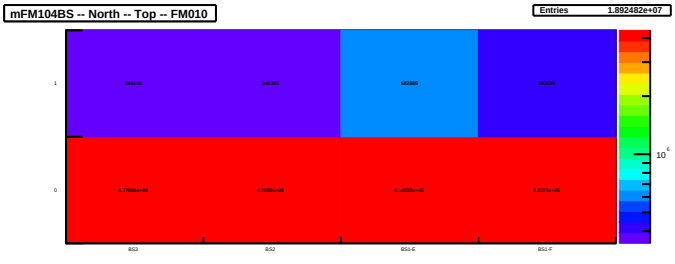
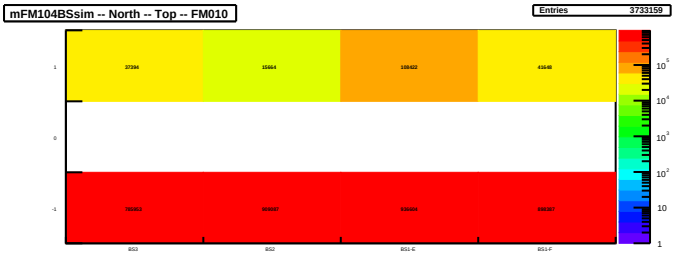
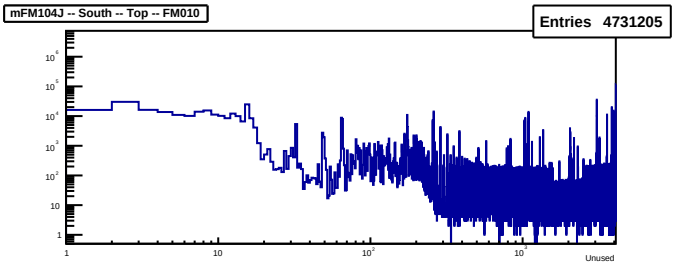
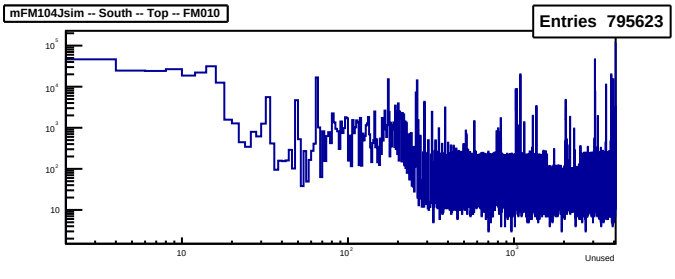
Entries 2111831


mFM104BS -- North -- Top -- FM010
Entries 1.892482e+07


mFM104BSsim -- North -- Top -- FM010
Entries 3733159


mFM104J -- South -- Top -- FM010
Entries 4731205
Unused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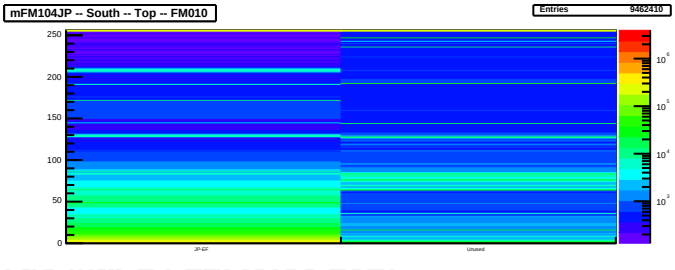
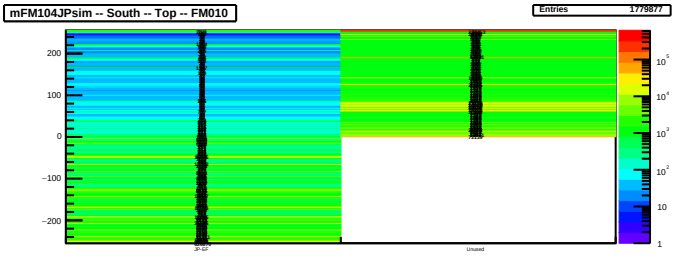
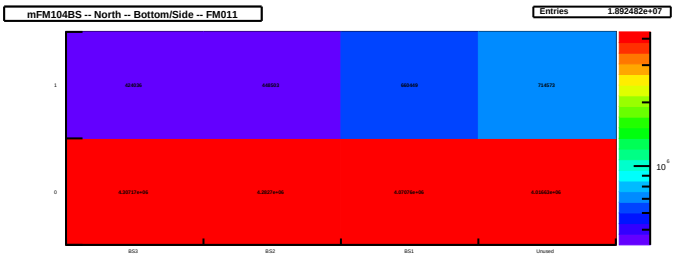
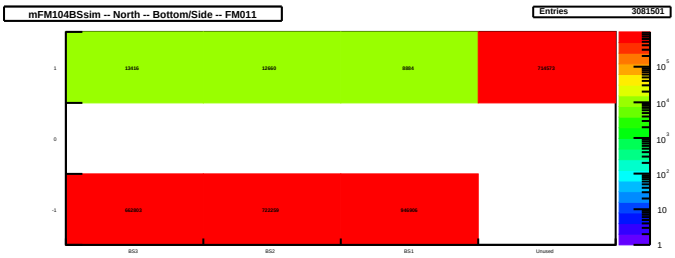
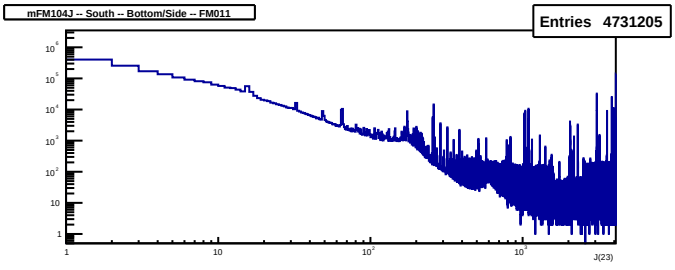
Entries 795623
Unused

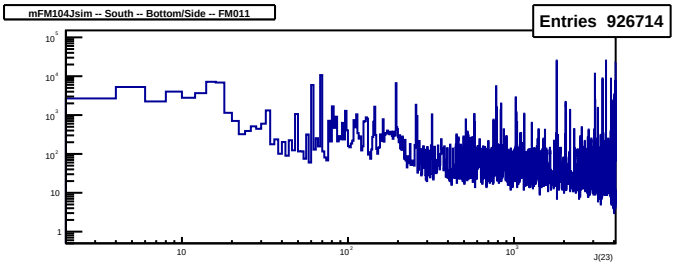

mFM104JP -- South -- Top -- FM010
Entries 9462410

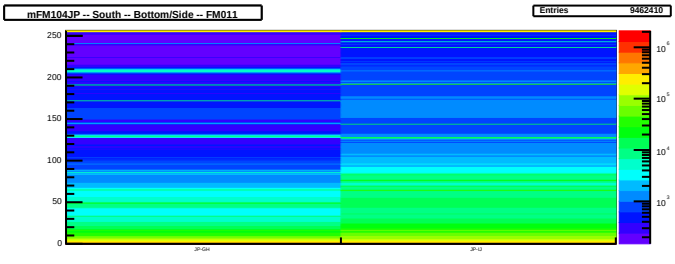

mFM104JPsim -- South -- Top -- FM010
Entries 1779877

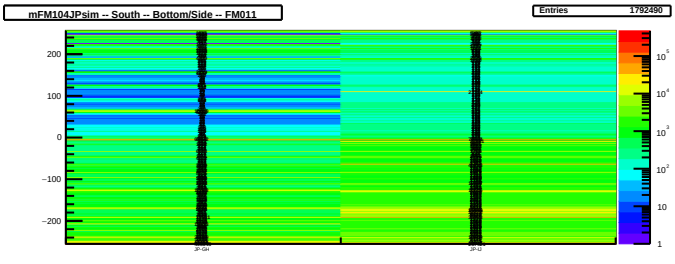

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.892482e+07

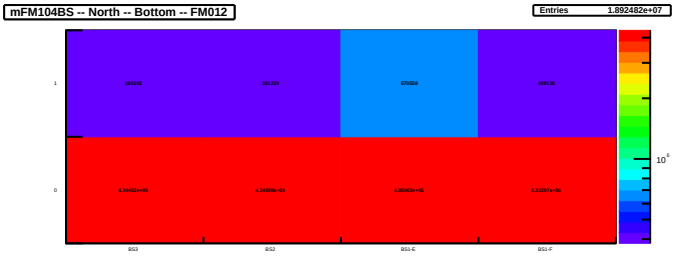

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3081501

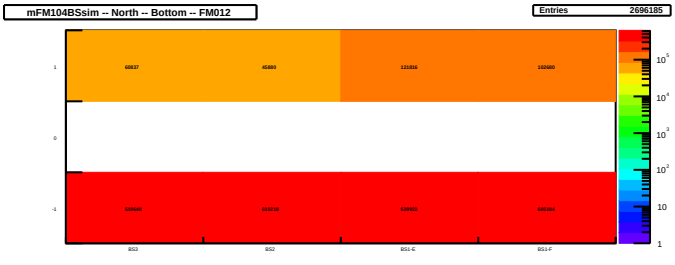

mFM104J -- South -- Bottom/Side -- FM011
Entries 4731205
J(23)

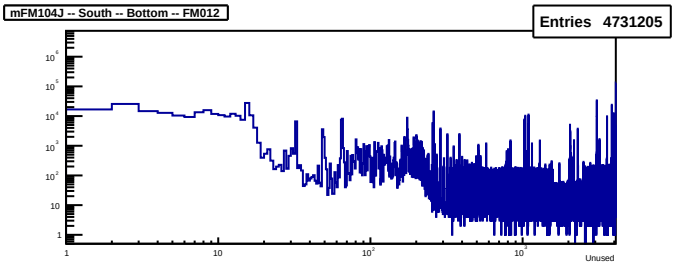

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 926714
J(23)

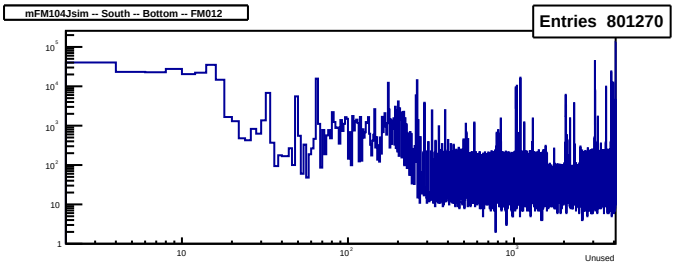

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9462410

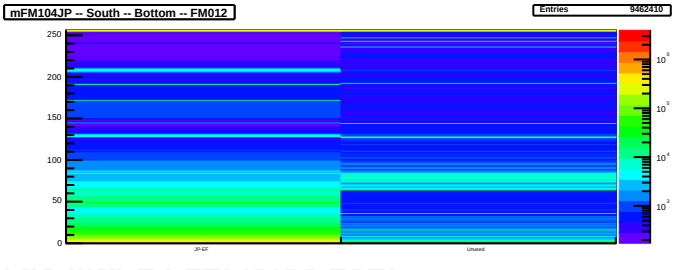

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1792480

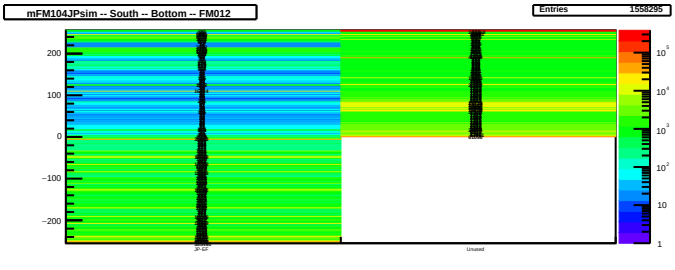

mFM104BS -- North -- Bottom -- FM012
Entries 1.892482e+07

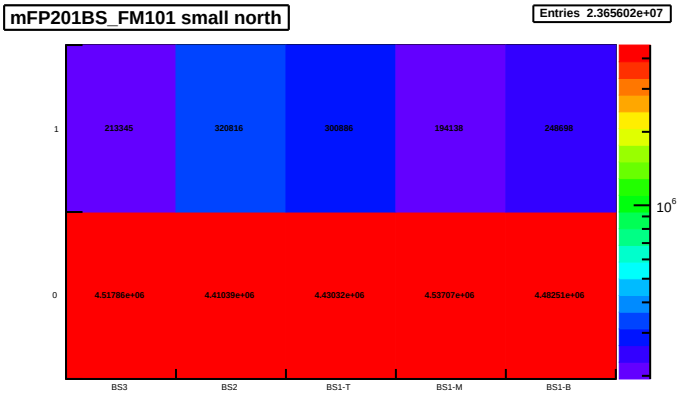

mFM104BSsim -- North -- Bottom -- FM012
Entries 2696185

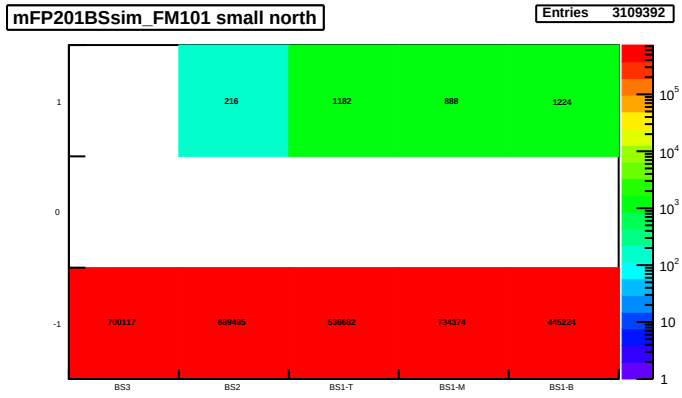

mFM104J -- South -- Bottom -- FM012
Entries 4731205
Unused

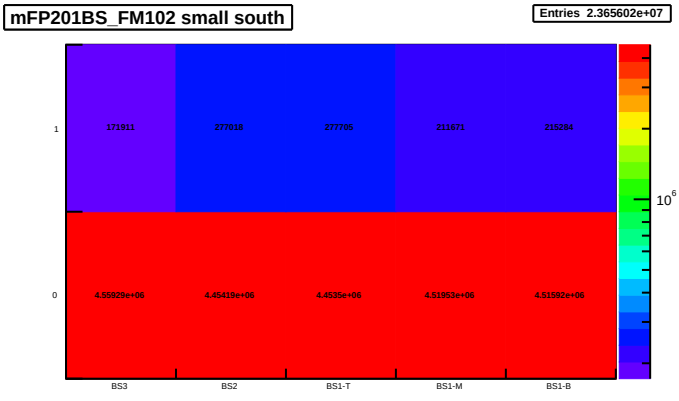

mFM104Jsim -- South -- Bottom -- FM012
Entries 801270
Unused

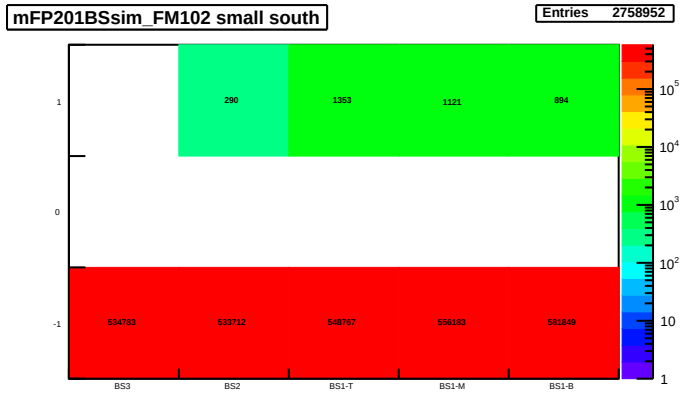

mFM104JP -- South -- Bottom -- FM012
Entries 9462410

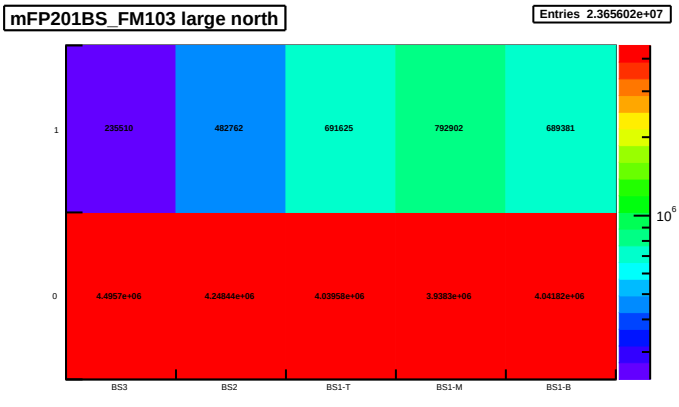

mFM104JPsim -- South -- Bottom -- FM012
Entries 1558295

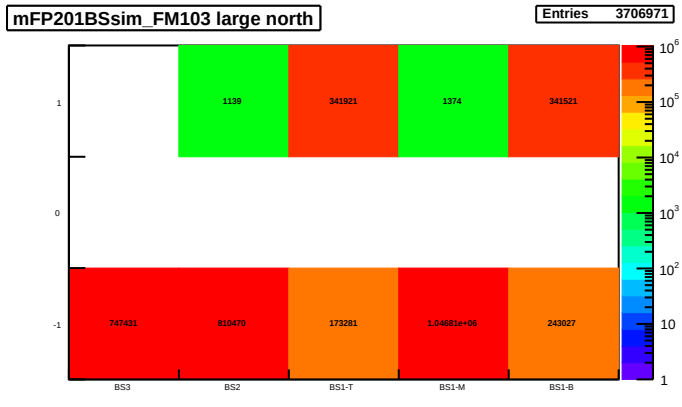

mFP201BS_FM101 small north
Entries 2.365602e+07
1
0
213345
320816
300886
194138
248698
4.51786e+06
4.41039e+06
4.43032e+06
4.53707e+06
4.48251e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

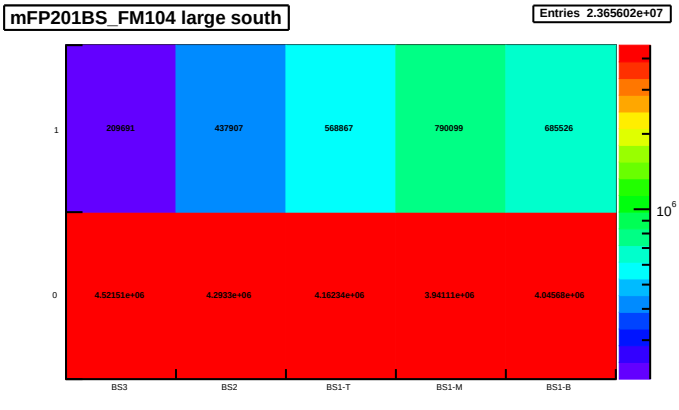

mFP201BSsim_FM101 small north
Entries 3109392
1
0
-1
216
1182
888
1224
700117
689485
536682
734374
445224
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

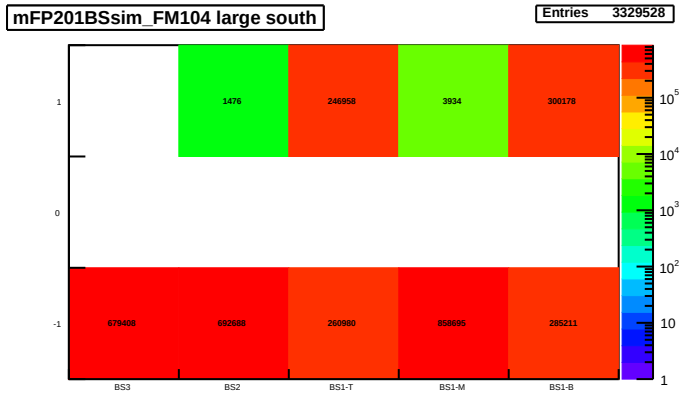

mFP201BS_FM102 small south
Entries 2.365602e+07
1
0
171911
277018
277705
211671
215284
4.55929e+06
4.45419e+06
4.4535e+06
4.51953e+06
4.51592e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

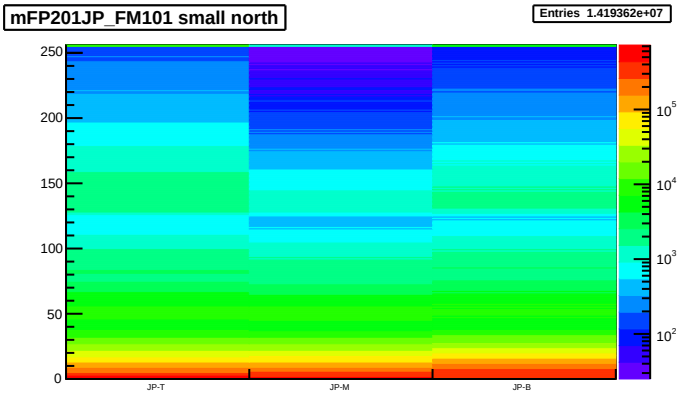

mFP201BSsim_FM102 small south
Entries 2758952
1
0
-1
290
1353
1121
894
534783
533712
548767
556183
581849
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

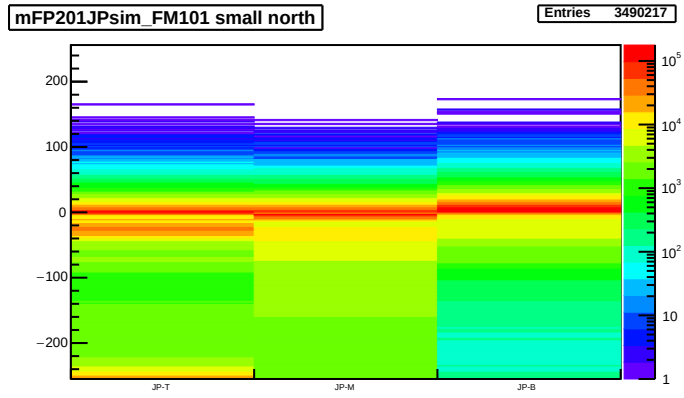

mFP201BS_FM103 large north
Entries 2.365602e+07
1
0
235510
482762
691625
792902
689381
4.4957e+06
4.24844e+06
4.03958e+06
3.9383e+06
4.04182e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

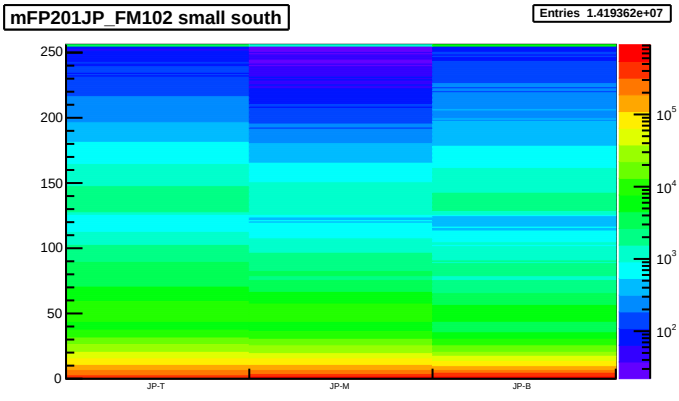

mFP201BSsim_FM103 large north
Entries 3706971
1
0
-1
1139
341921
1374
341521
747431
810470
173281
1.04681e+06
243027
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

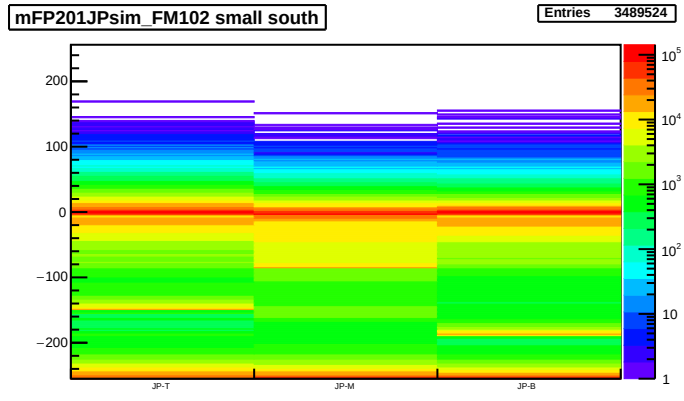

mFP201BS_FM104 large south
Entries 2.365602e+07
1
0
209091
437907
568867
790099
685526
4.52151e+06
4.2933e+06
4.16234e+06
3.94111e+06
4.04568e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

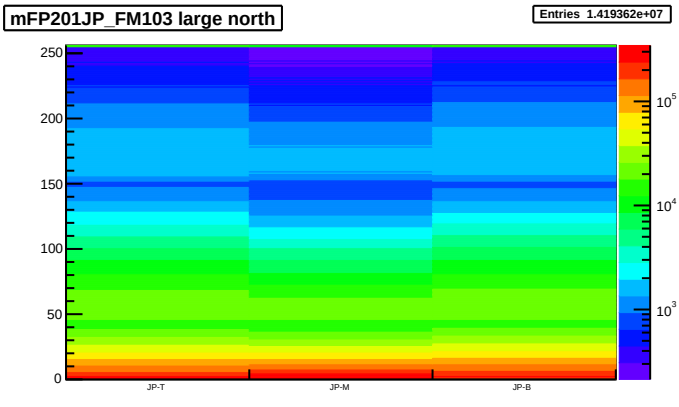

mFP201BSsim_FM104 large south
Entries 3329528
1
0
-1
1476
246958
3934
300178
679408
692688
260980
858695
285211
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

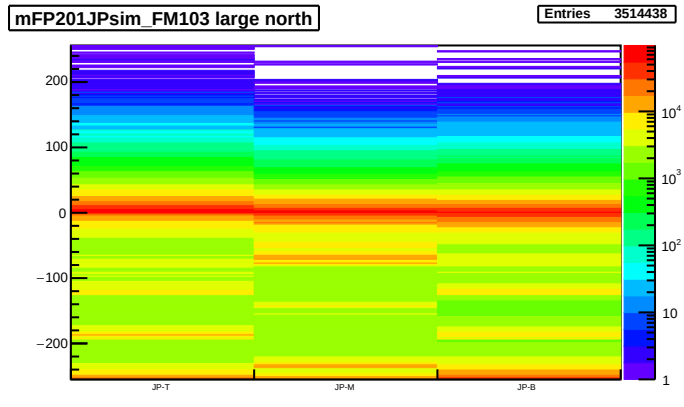

mFP201JP_FM101 small north
Entries 1.419362e+07
JP-T
JP-M
JP-B

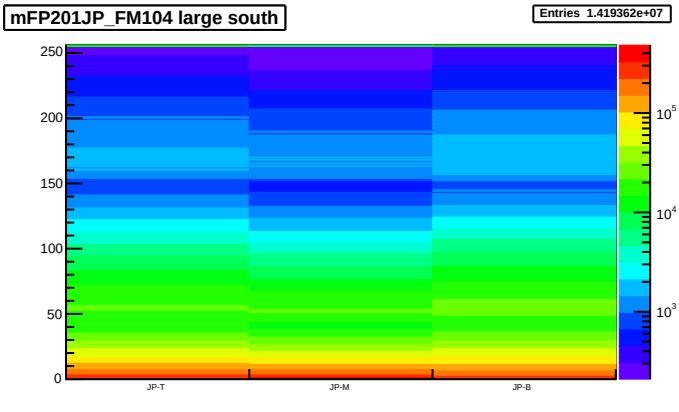

mFP201JPsim_FM101 small north
Entries 3490217
JP-T
JP-M
JP-B

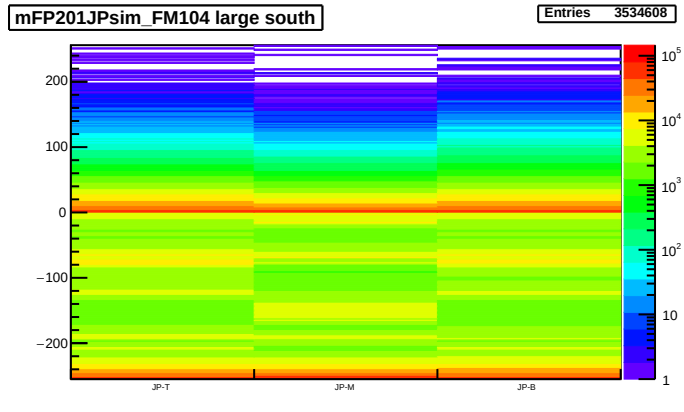

mFP201JP_FM102 small south
Entries 1.419362e+07
JP-T
JP-M
JP-B

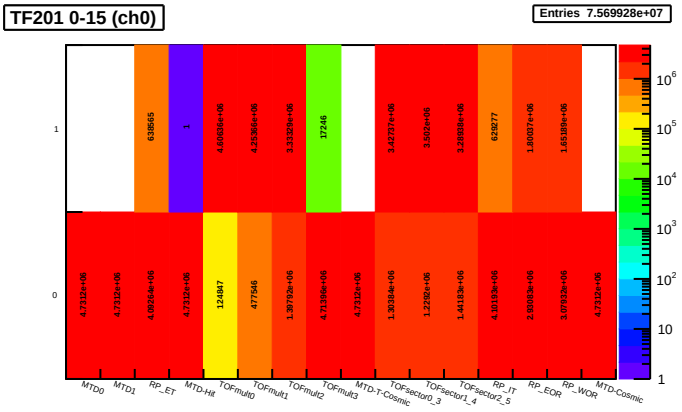

mFP201JPsim_FM102 small south
Entries 3489524
JP-T
JP-M
JP-B

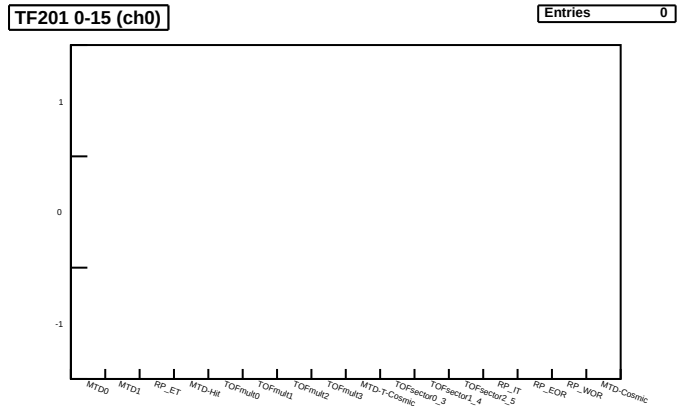

mFP201JP_FM103 large north
Entries 1.419362e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 3514438
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.419362e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 3534608
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.569928e+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


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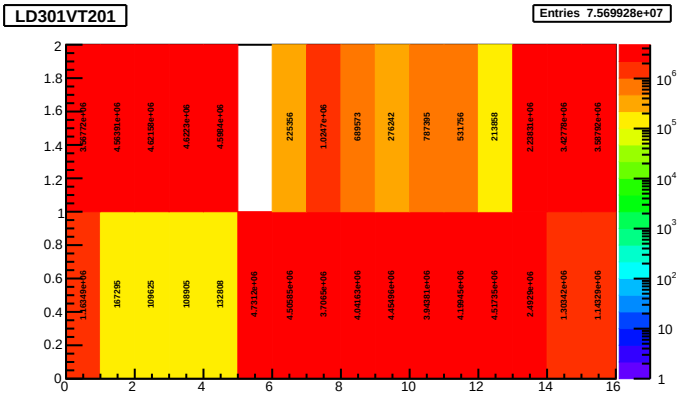
RP_IT
RP_EOR
RP_WOR
MTD-Cosmic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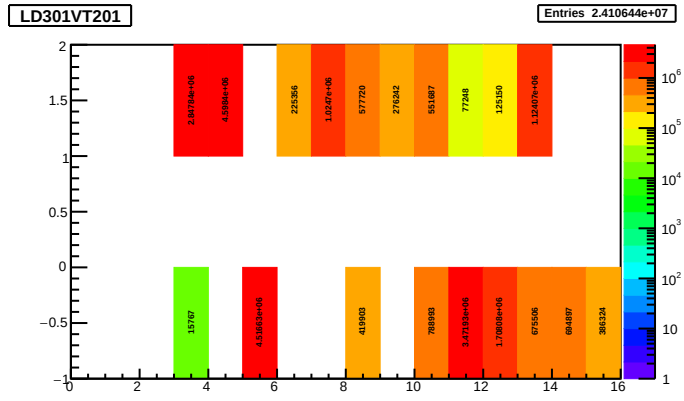
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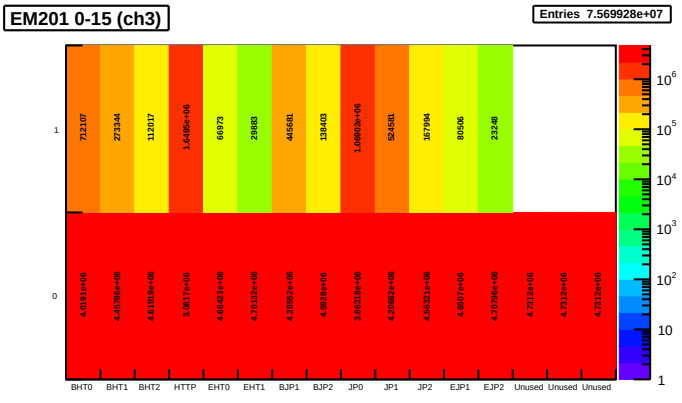
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Unused
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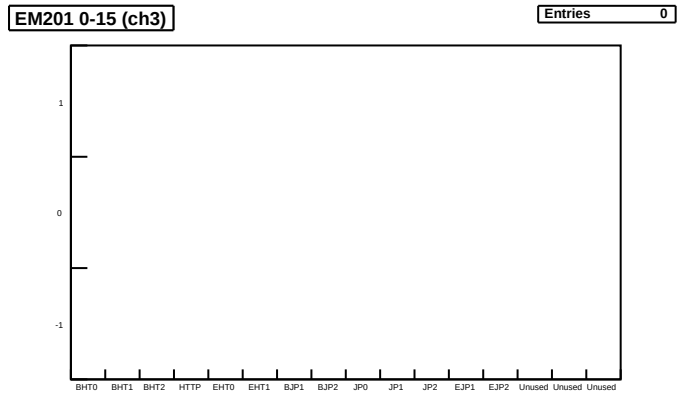
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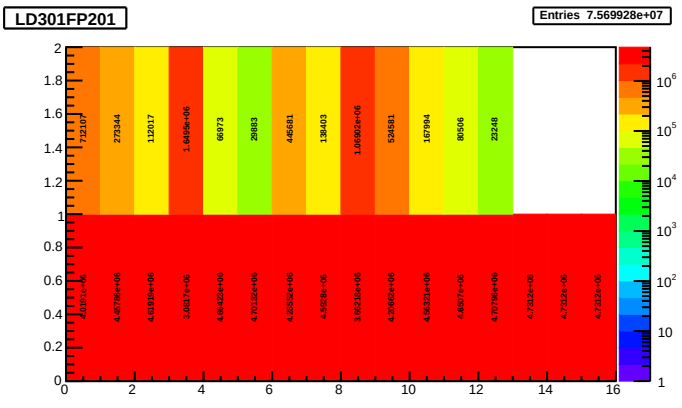
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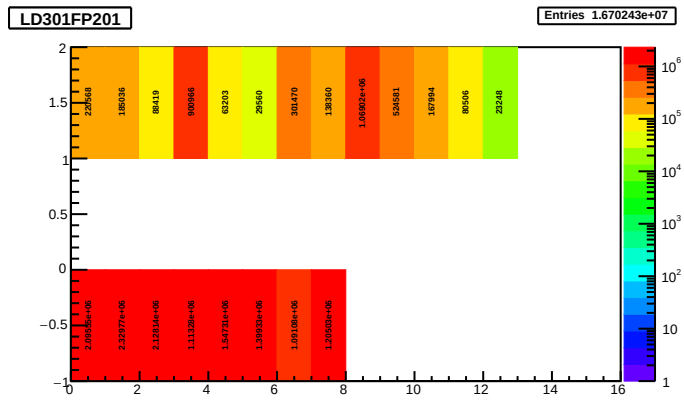
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