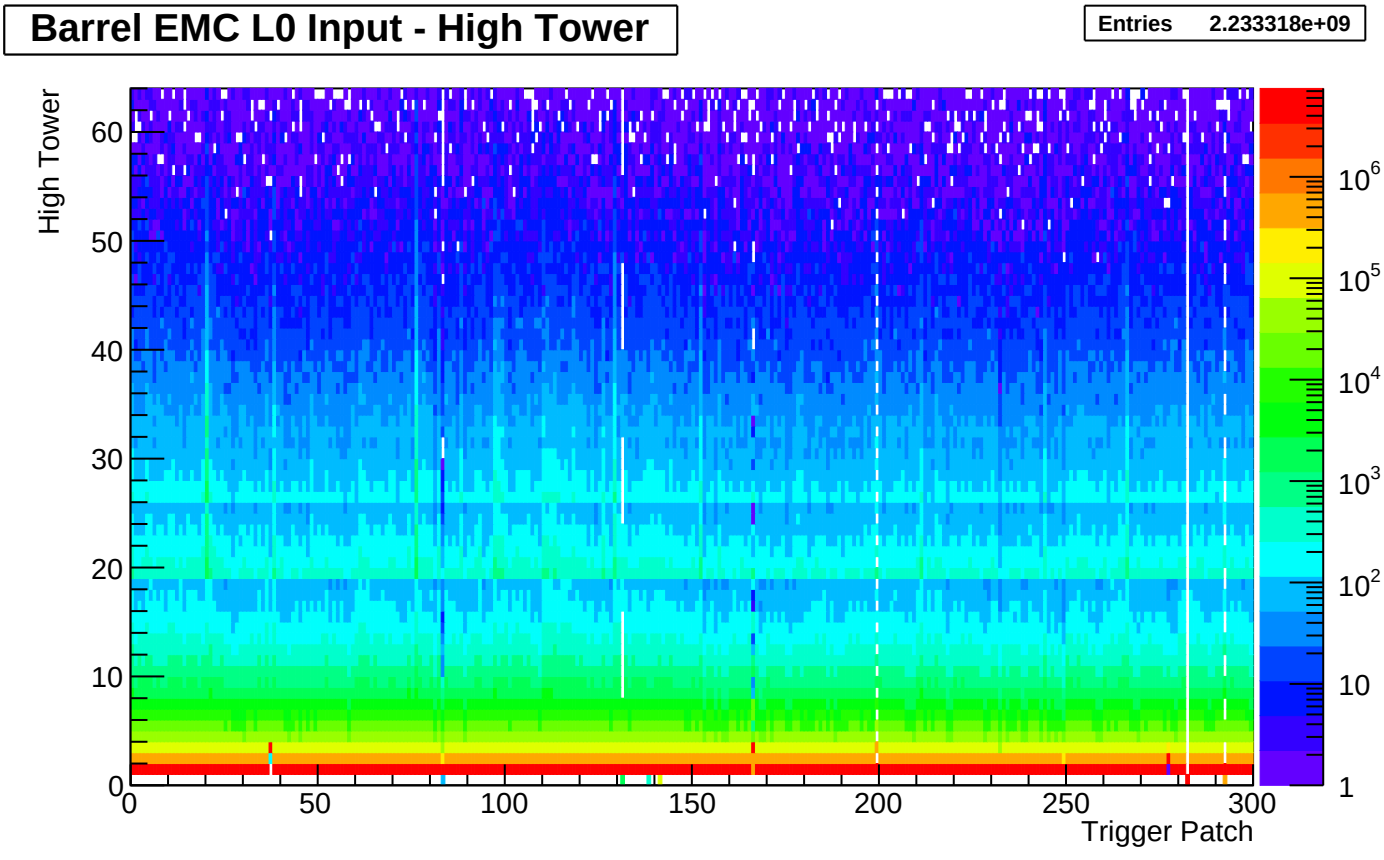
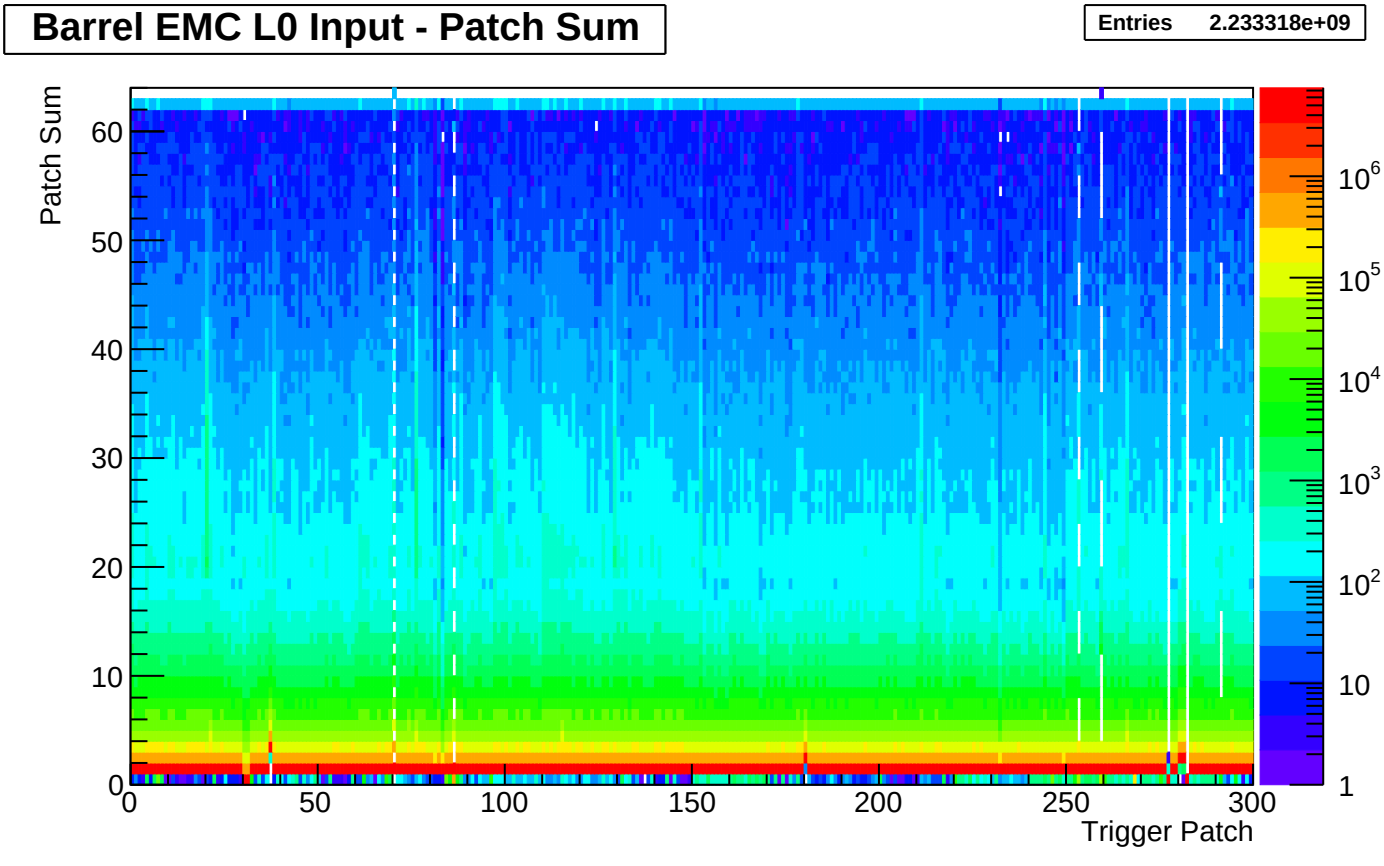
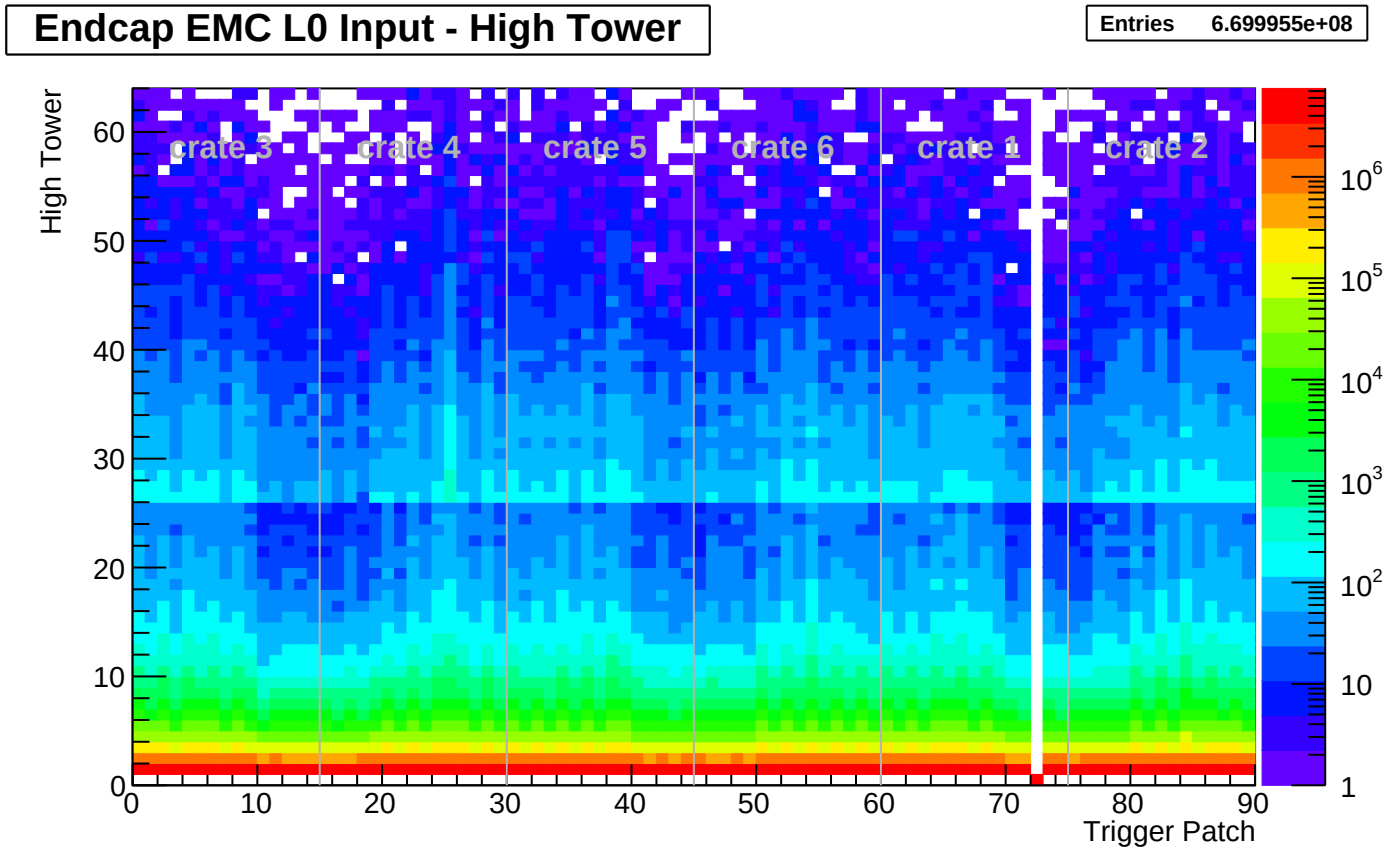
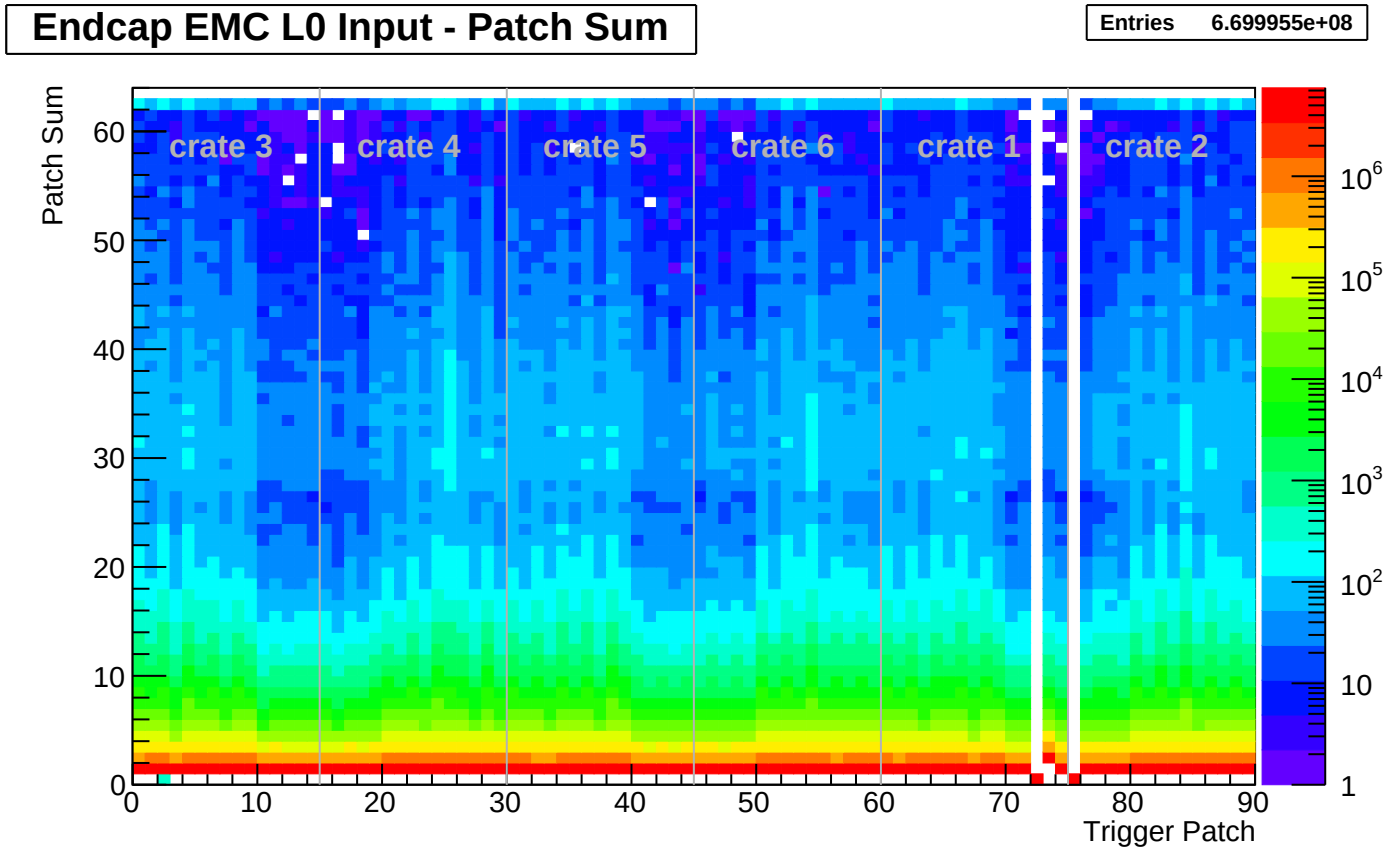
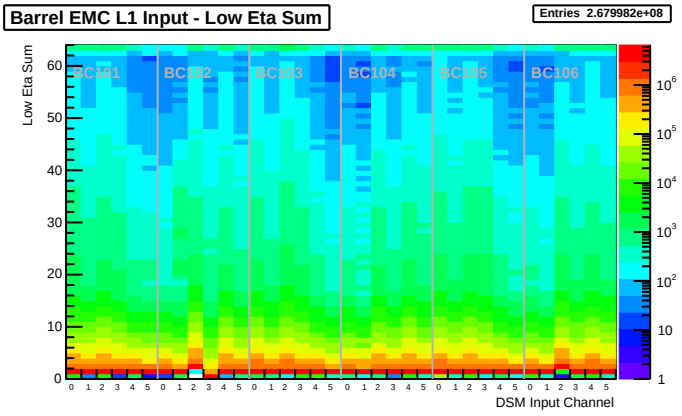
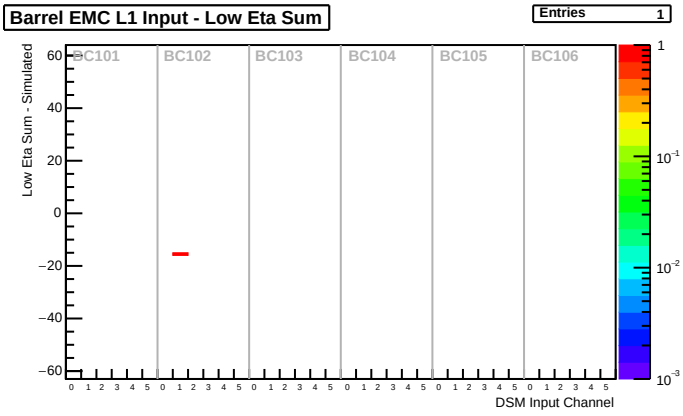

Barrel EMC L0 Input - High Tower
Entries 2.233318e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

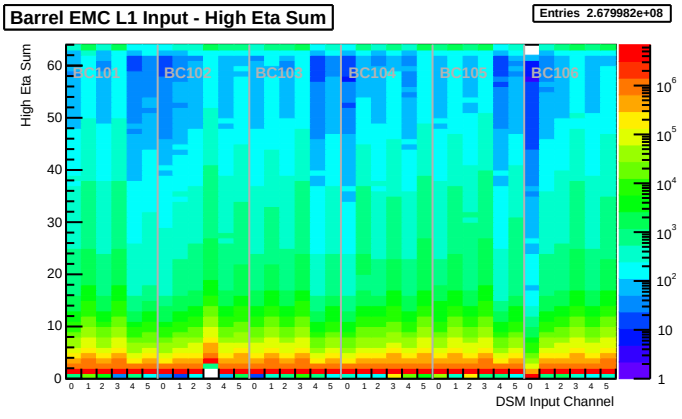

Barrel EMC L0 Input - Patch Sum
Entries 2.233318e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

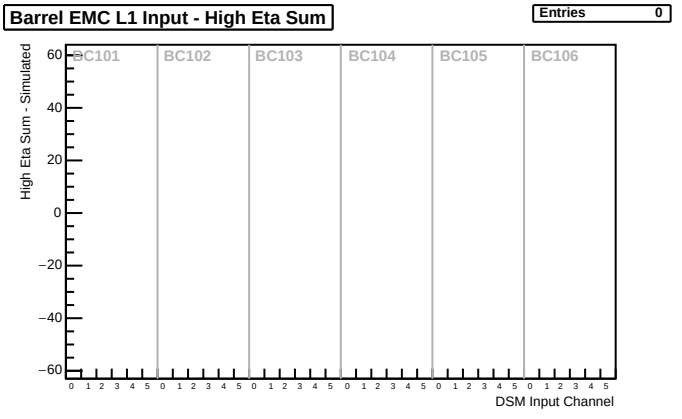

Endcap EMC L0 Input - High Tower
Entries 6.699955e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

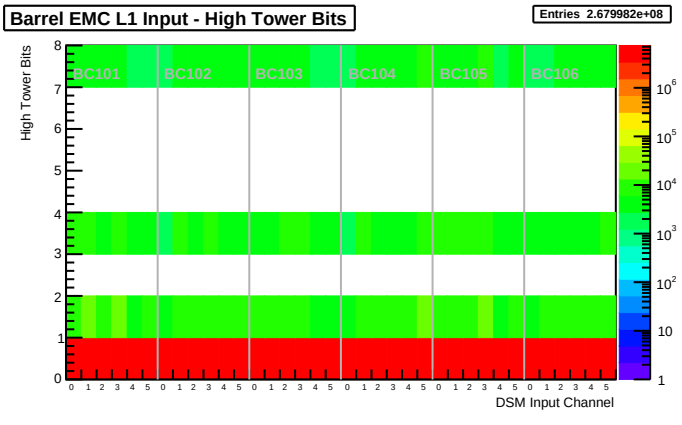

Endcap EMC L0 Input - Patch Sum
Entries 6.699955e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

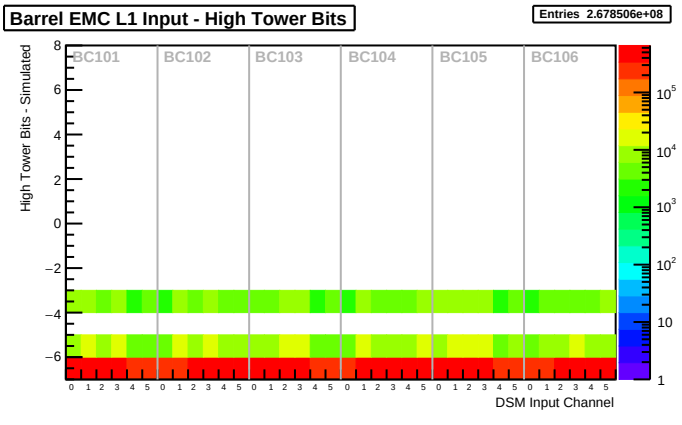

Barrel EMC L1 Input - Low Eta Sum
Entries 2.679982e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

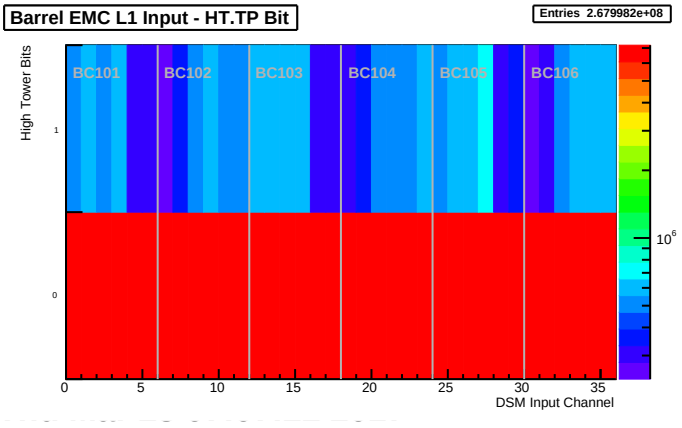

Barrel EMC L1 Input - Low Eta Sum
Entries 1
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

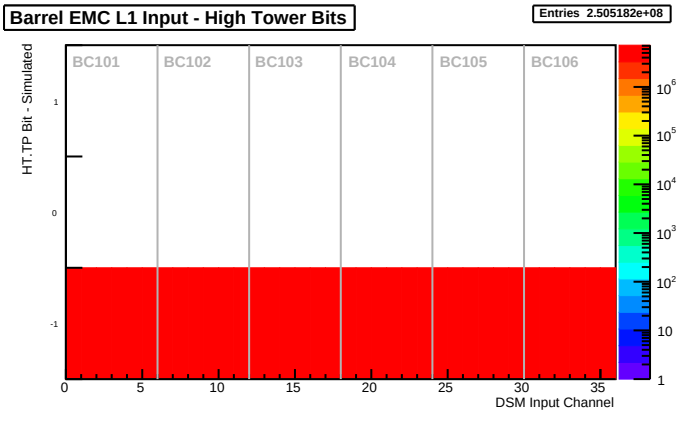

Barrel EMC L1 Input - High Eta Sum
Entries 2.679982e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

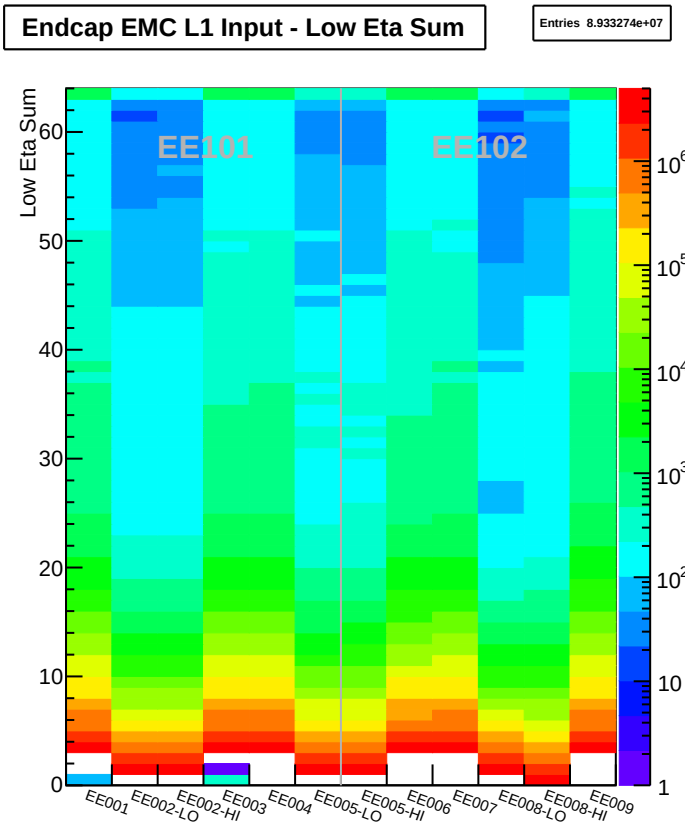

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

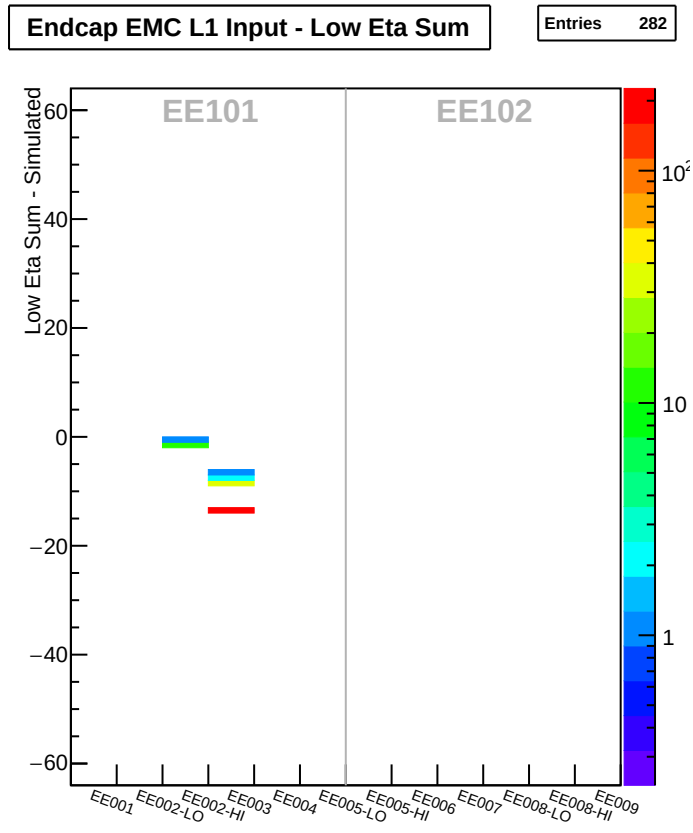

Barrel EMC L1 Input - High Tower Bits
Entries 2.679982e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

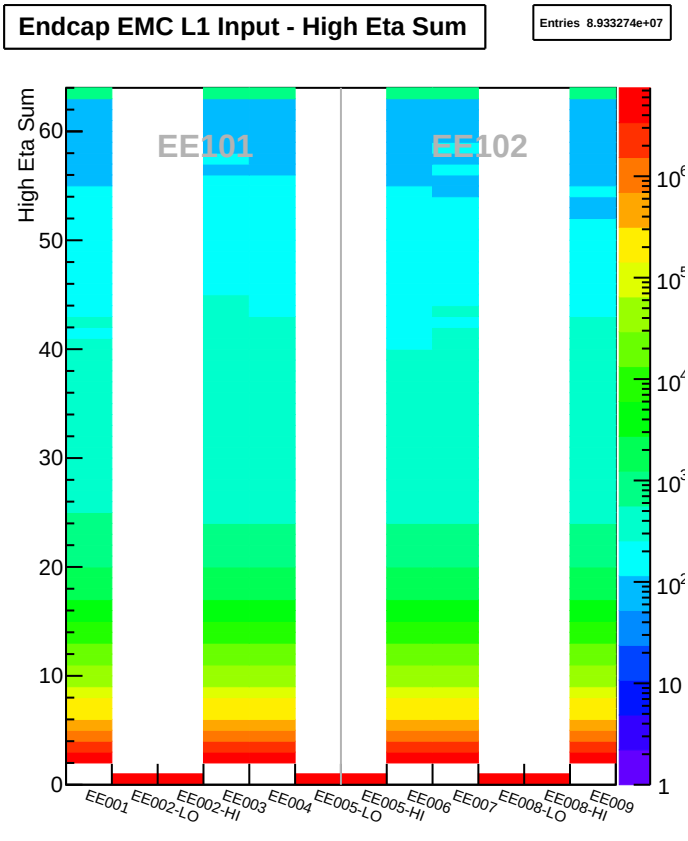

Barrel EMC L1 Input - High Tower Bits
Entries 2.678506e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

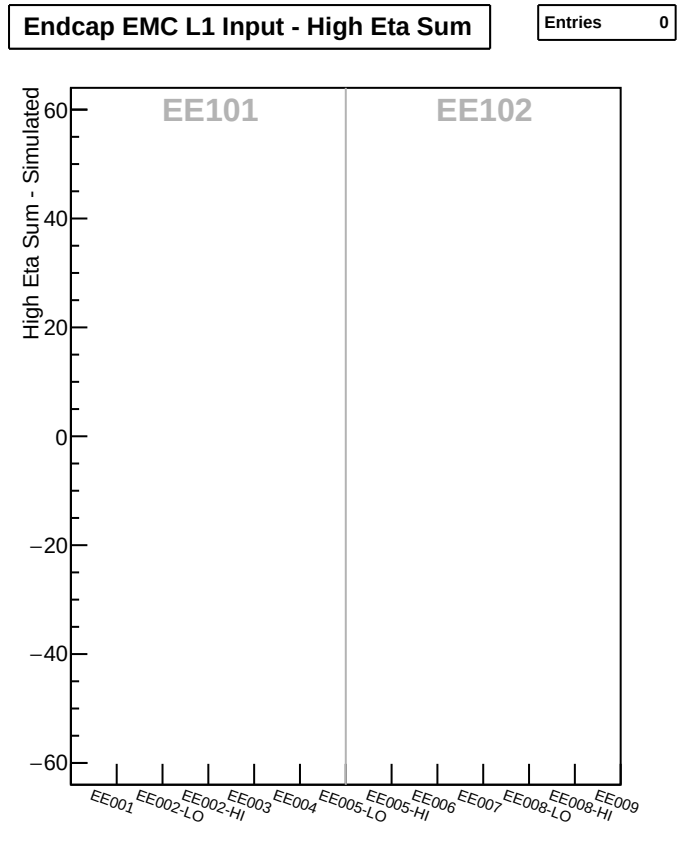

Barrel EMC L1 Input - HT.TP Bit
Entries 2.679982e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

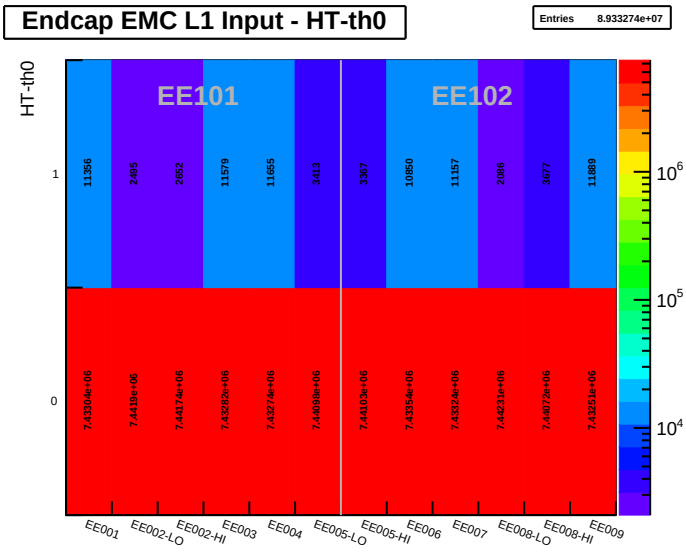

Barrel EMC L1 Input - High Tower Bits
Entries 2.505182e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

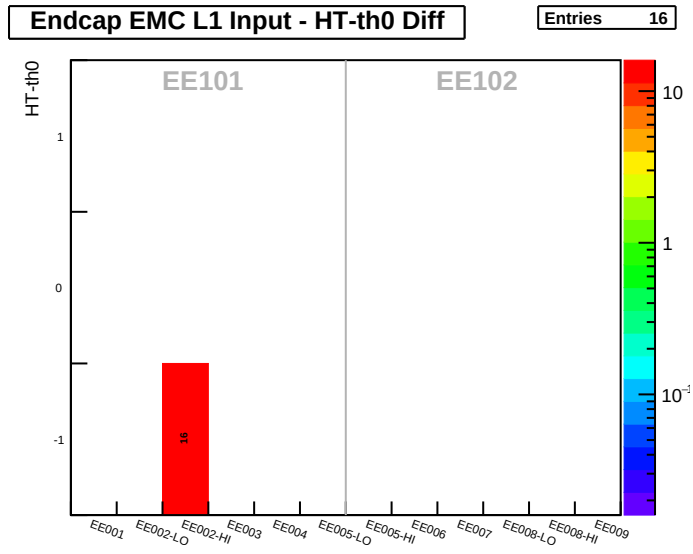

Endcap EMC L1 Input - Low Eta Sum
Entries 8.933274e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

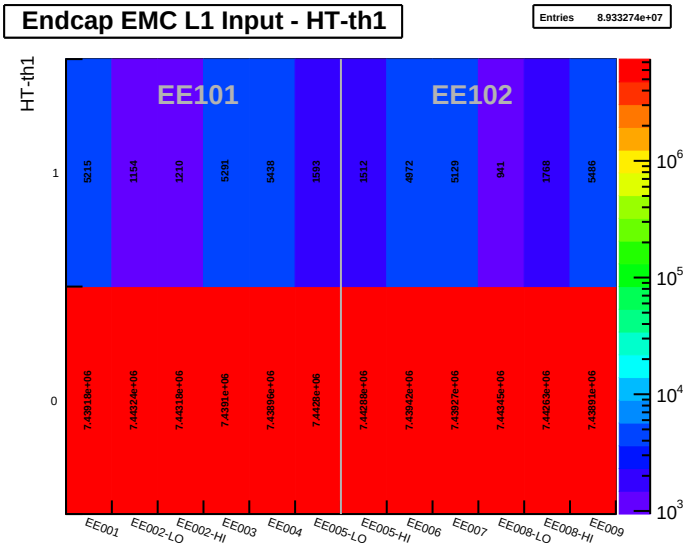

Endcap EMC L1 Input - Low Eta Sum
Entries 282
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

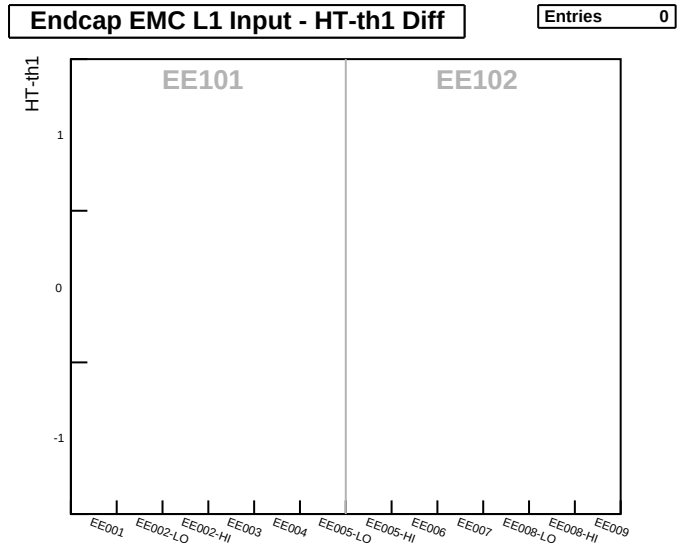

Endcap EMC L1 Input - High Eta Sum
Entries 8.933274e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

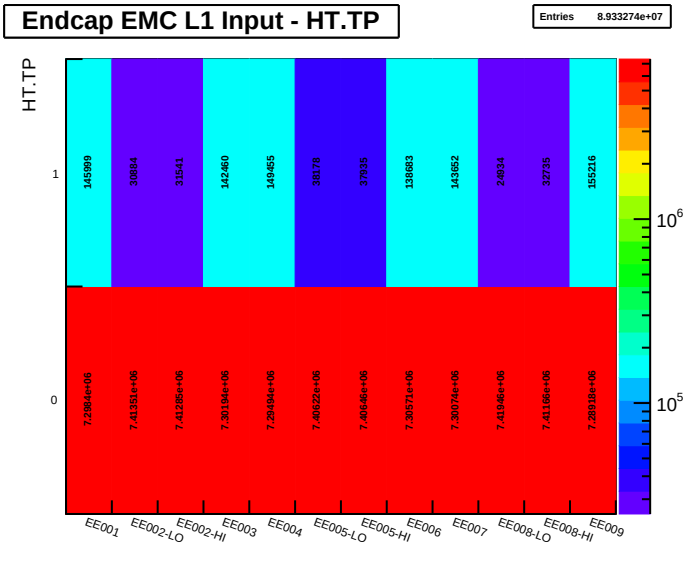

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

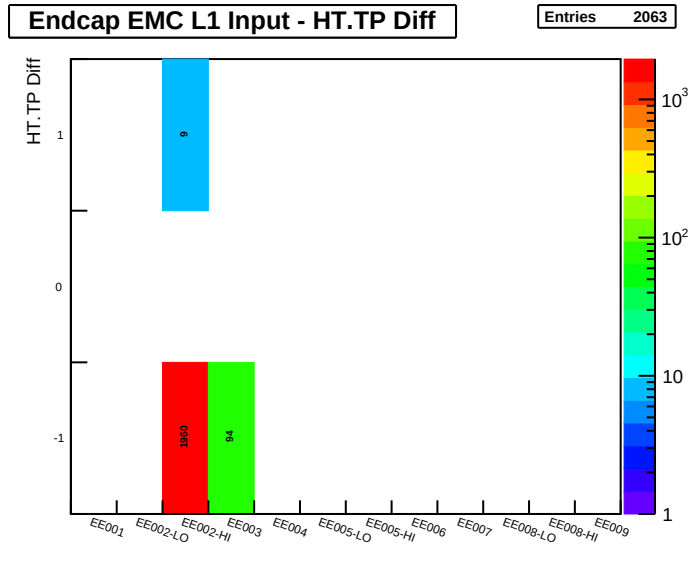

Endcap EMC L1 Input - HT-th0
Entries 8.933274e+07
HT-th0
EE101
EE102
1
0
11356
2495
2652
11579
11655
3413
3367
10850
11157
2086
3677
11889
7.43304e+06
7.4419e+06
7.44174e+06
7.43282e+06
7.43274e+06
7.44099e+06
7.44103e+06
7.43354e+06
7.43324e+06
7.44231e+06
7.44072e+06
7.43251e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

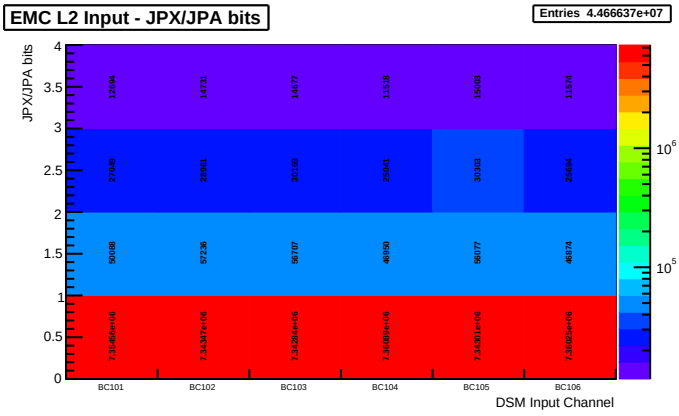

Endcap EMC L1 Input - HT-th0 Diff
Entries 16
HT-th0
EE101
EE102
1
0
-1
16
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

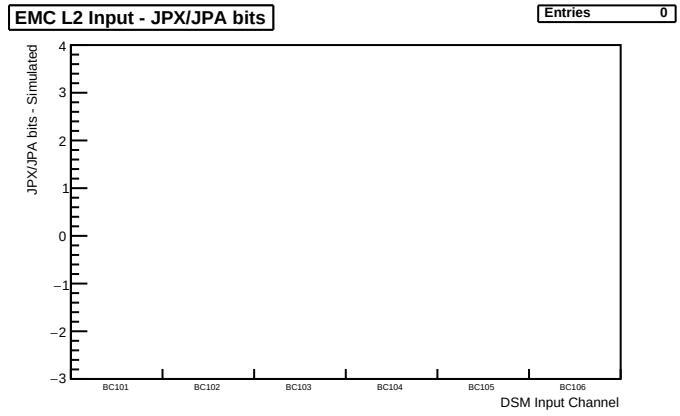

Endcap EMC L1 Input - HT-th1
Entries 8.933274e+07
HT-th1
EE101
EE102
1
0
5215
1154
1210
5291
5438
1593
1512
4972
5129
941
1768
5486
7.43918e+06
7.44324e+06
7.44318e+06
7.43916e+06
7.43896e+06
7.4428e+06
7.44268e+06
7.43942e+06
7.43927e+06
7.44345e+06
7.44263e+06
7.43891e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

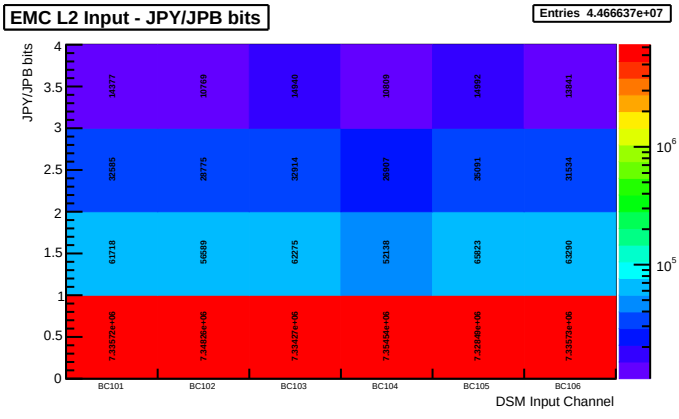

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

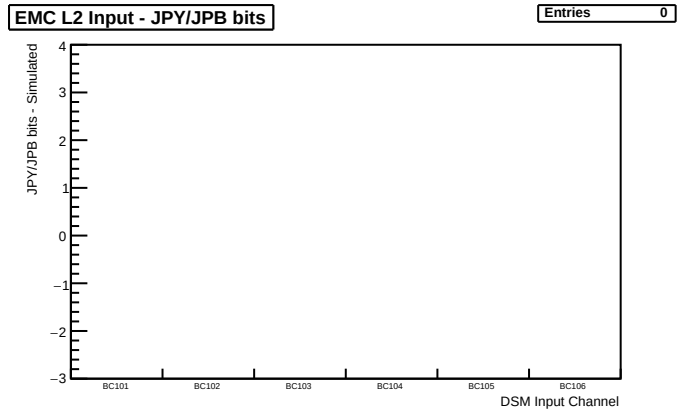

Endcap EMC L1 Input - HT.TP
Entries 8.933274e+07
HT.TP
1
0
145999
30884
31541
142460
149455
38176
37935
138683
143652
24934
32735
155216
7.2884e+06
7.41351e+06
7.41285e+06
7.30194e+06
7.29494e+06
7.40622e+06
7.40646e+06
7.30571e+06
7.30074e+06
7.41046e+06
7.41168e+06
7.28918e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5

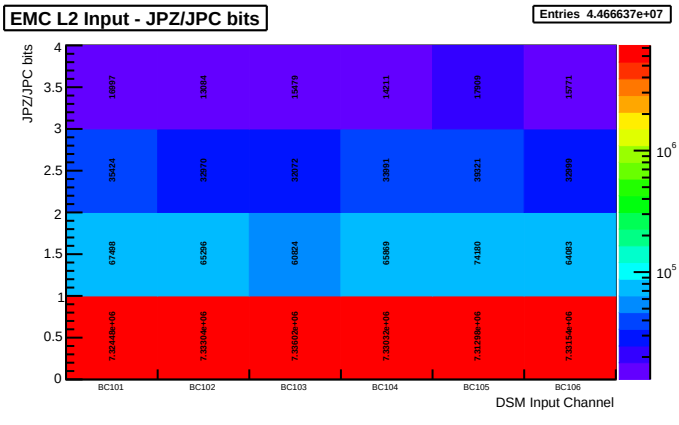

Endcap EMC L1 Input - HT.TP Diff
Entries 2063
HT.TP Diff
1
0
-1
9
1960
94
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^3
10^2
10
1

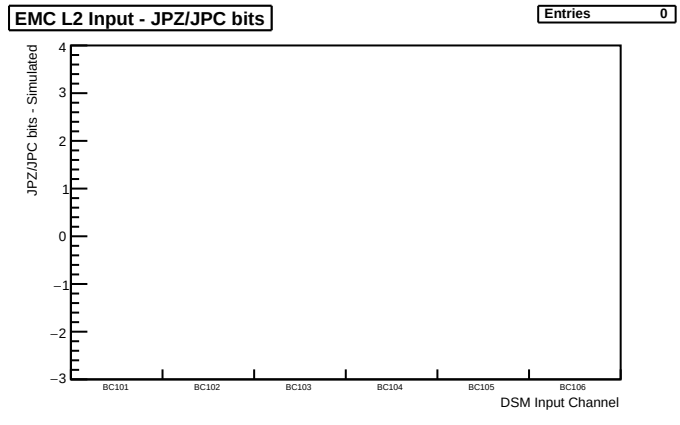

EMC L2 Input - JPX/JPA bits
Entries 4.466637e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12634
14731
14677
11518
15003
11574
27048
28961
30189
25941
30303
25694
50088
57236
56707
46950
56077
46874
7.35456e+06
7.34367e+06
7.34284e+06
7.36089e+06
7.34301e+06
7.36025e+06

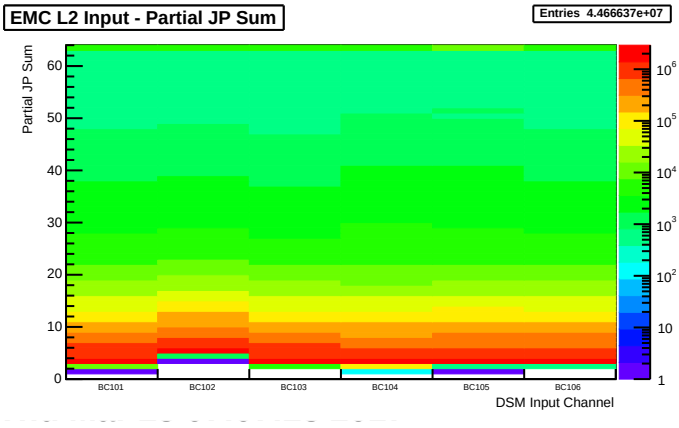

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

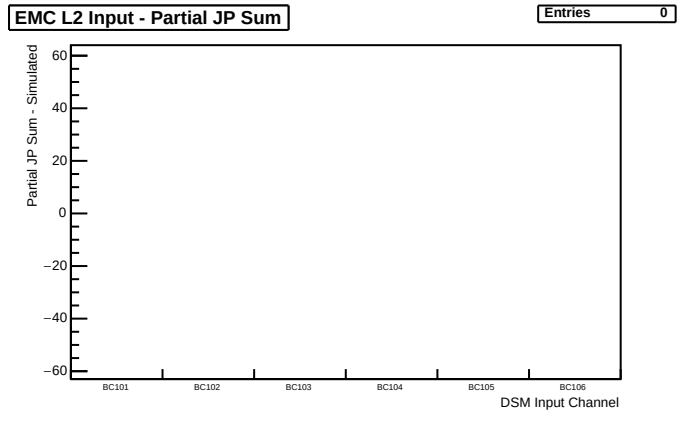

EMC L2 Input - JPY/JPB bits
Entries 4.466637e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14377
10769
16940
10909
16992
13941
32585
28775
32914
28907
35091
31534
61718
56589
62275
52138
63823
63290
7.33572e+06
7.34026e+06
7.33427e+06
7.35454e+06
7.32349e+06
7.33573e+06

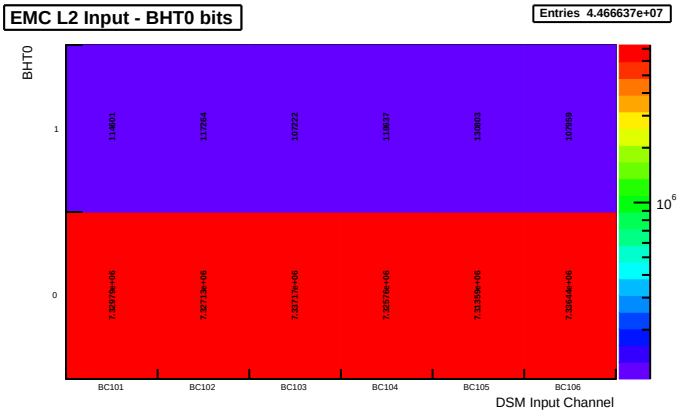

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

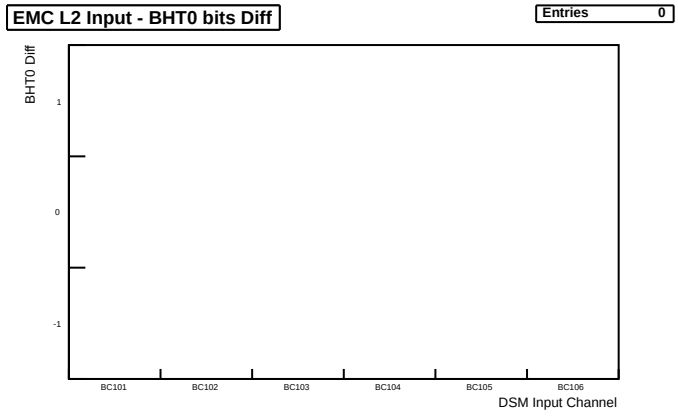

EMC L2 Input - JPZ/JPC bits
Entries 4.466637e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
16897
13934
15579
14511
17999
15771
39424
32370
32872
33991
39321
32899
67489
65296
60824
65869
74180
64083
7.32448e+06
7.33304e+06
7.33692e+06
7.30102e+06
7.31298e+06
7.33154e+06

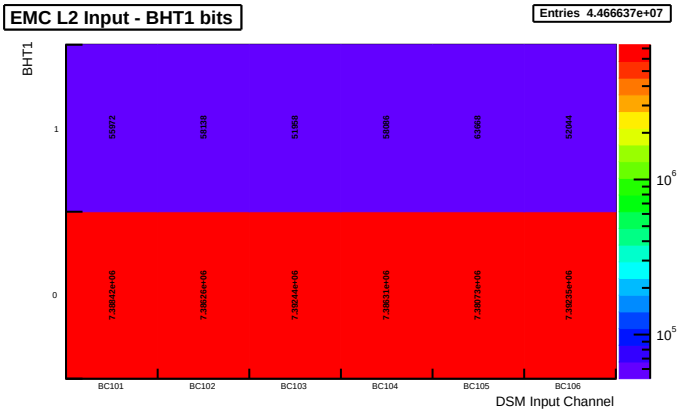

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

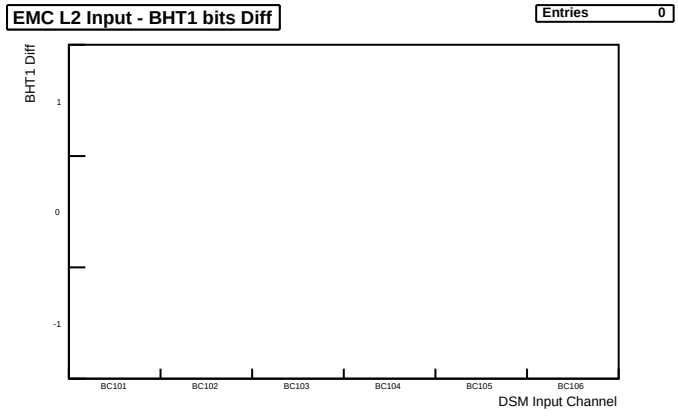

EMC L2 Input - Partial JP Sum
Entries 4.466637e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

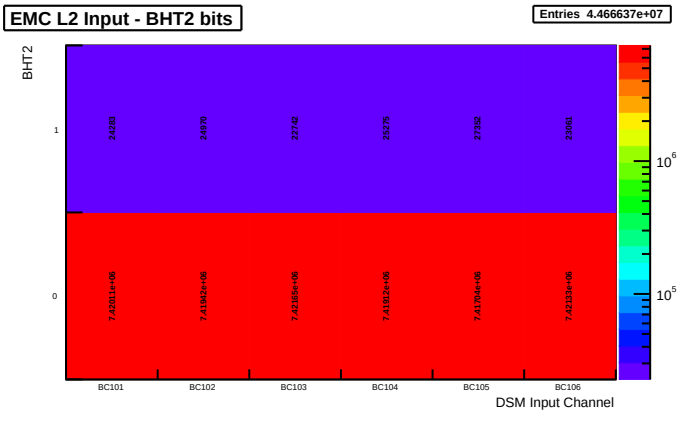

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

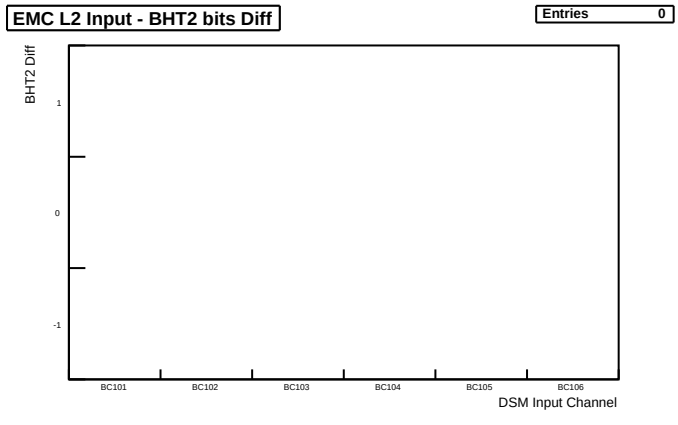

EMC L2 Input - BHT0 bits
Entries 4.466637e+07
BHT0
1
0
114601
117244
107222
118637
130003
107559
7.32979e+06
7.32713e+06
7.32717e+06
7.32576e+06
7.31359e+06
7.33644e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

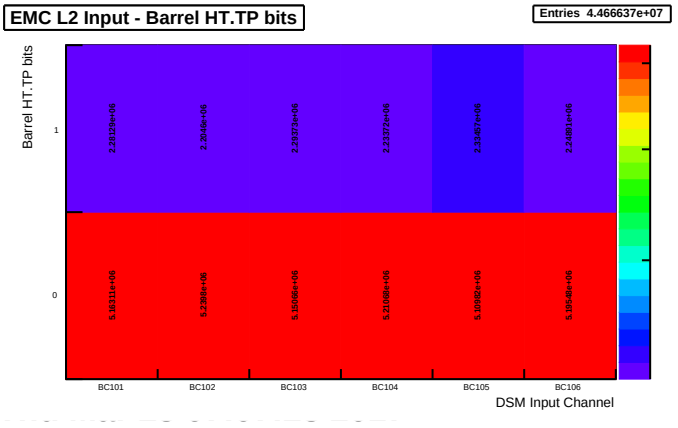

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

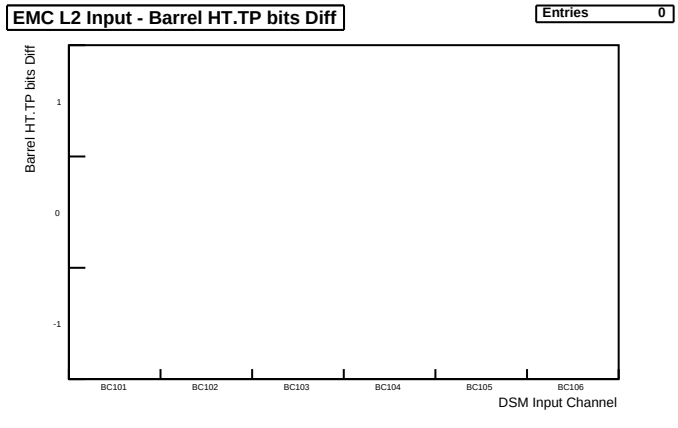

EMC L2 Input - BHT1 bits
Entries 4.466637e+07
BHT1
1
0
53972
53138
51958
53086
63668
52044
7.38942e+06
7.38826e+06
7.38844e+06
7.38631e+06
7.38073e+06
7.39235e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

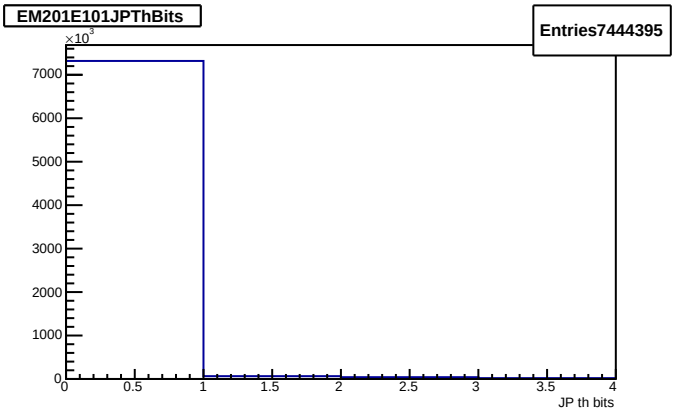

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

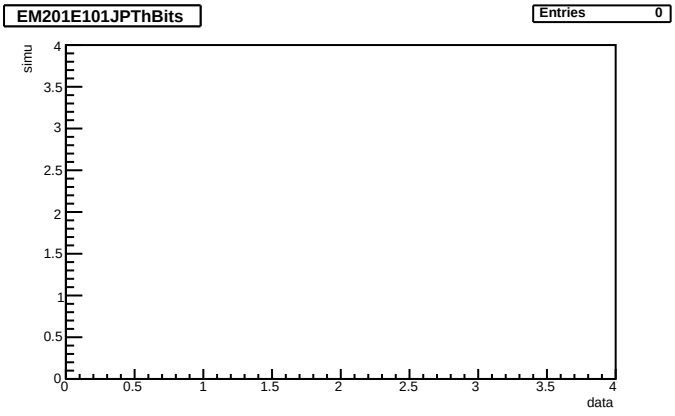

EMC L2 Input - BHT2 bits
Entries 4.466637e+07
BHT2
1
0
24233
24970
22742
25275
27332
23061
7.42011e+06
7.41942e+06
7.42165e+06
7.41912e+06
7.41704e+06
7.42133e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

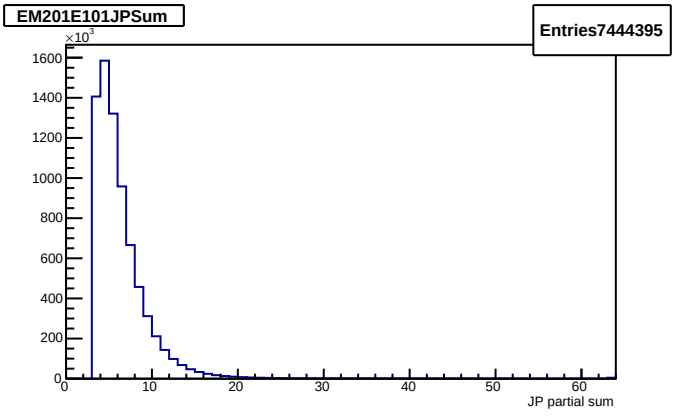

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

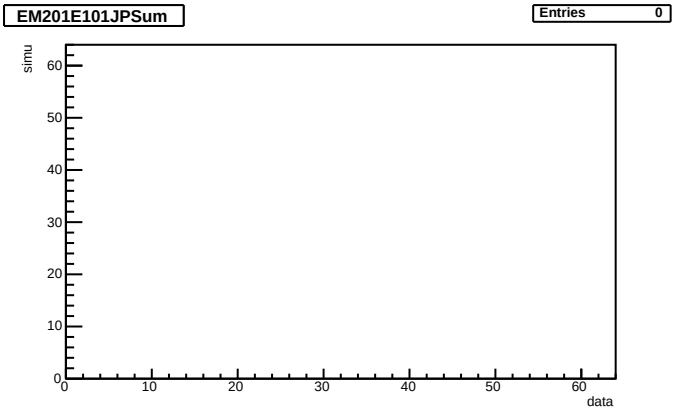

EMC L2 Input - Barrel HT.TP bits
Entries 4.466637e+07
Barrel HT.TP bits
1
0
2.28125e+06
2.2046e+06
2.29373e+06
2.23372e+06
2.33457e+06
2.24691e+06
5.16311e+06
5.2309e+06
5.15066e+06
5.21088e+06
5.10982e+06
5.19540e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

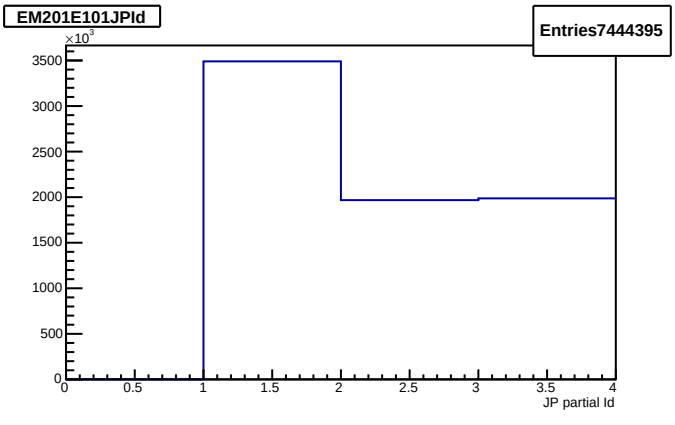

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

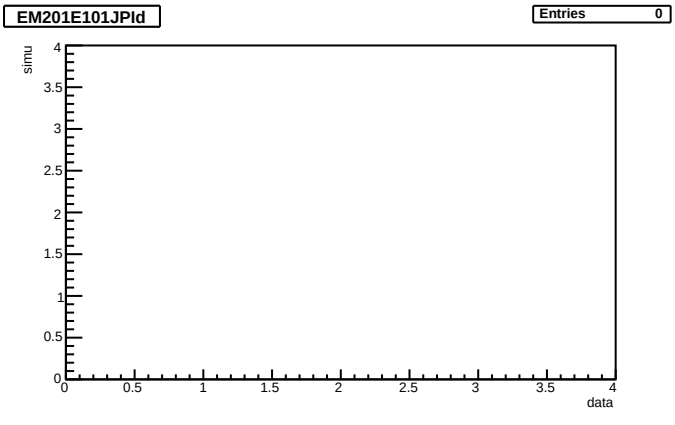

EM201E101JPThBits
Entries7444395
×10^3
JP th bits

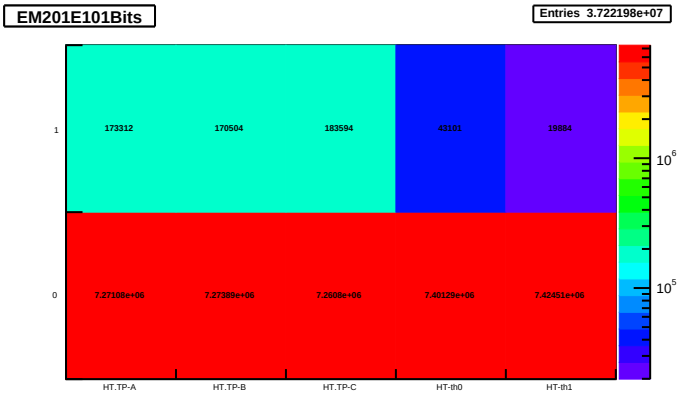

EM201E101JPThBits
Entries 0
simu
data

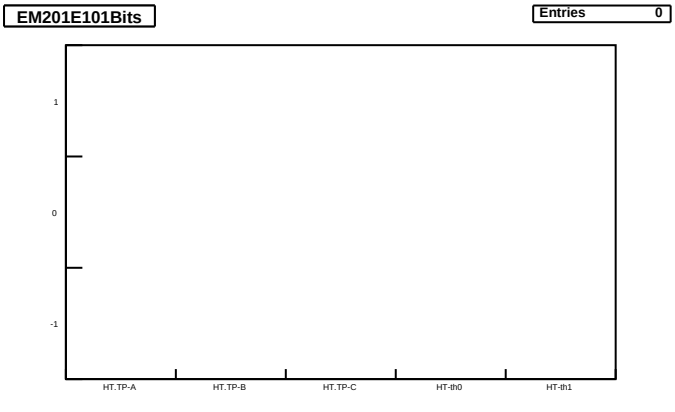

EM201E101JPSum
Entries7444395
×10^3
JP partial sum

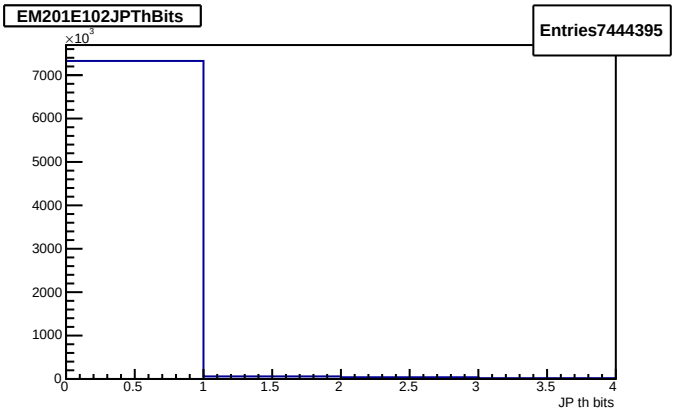

EM201E101JPSum
Entries 0
simu
data

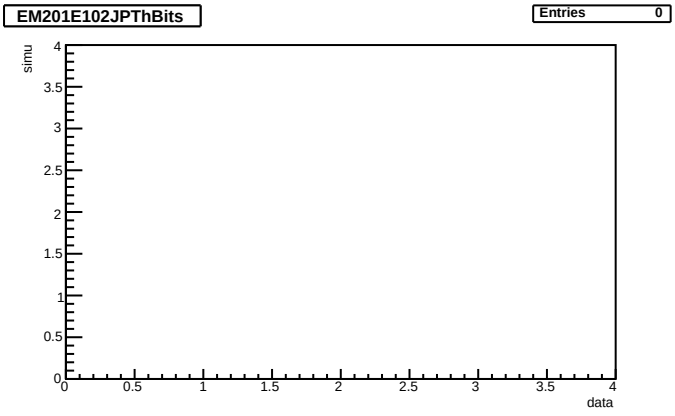

EM201E101JPId
Entries7444395
×10^3
JP partial Id

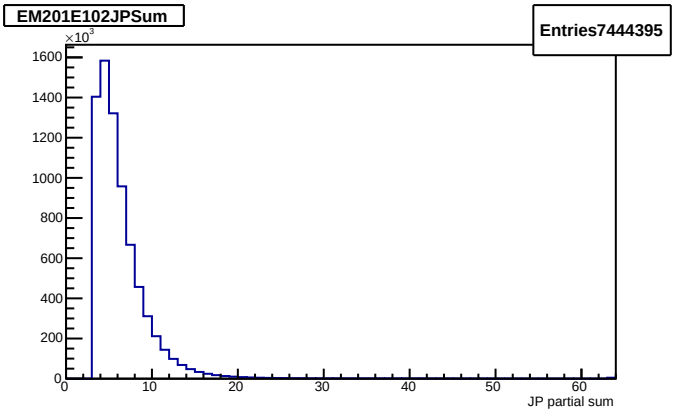

EM201E101JPId
Entries 0
simu
data

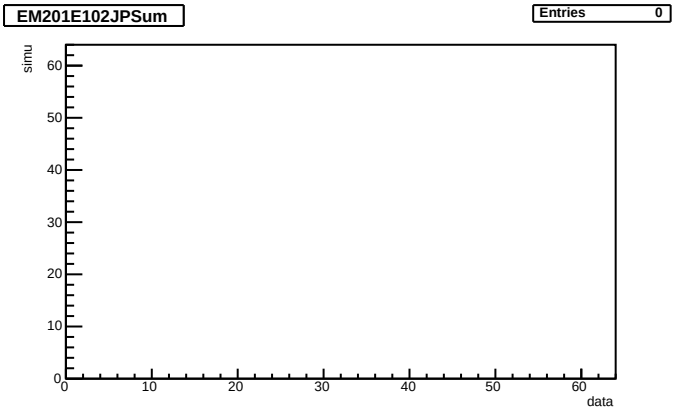

EM201E101Bits
Entries 3.722198e+07
173312
170504
183594
43101
19884
7.27108e+06
7.27389e+06
7.2608e+06
7.40129e+06
7.42451e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

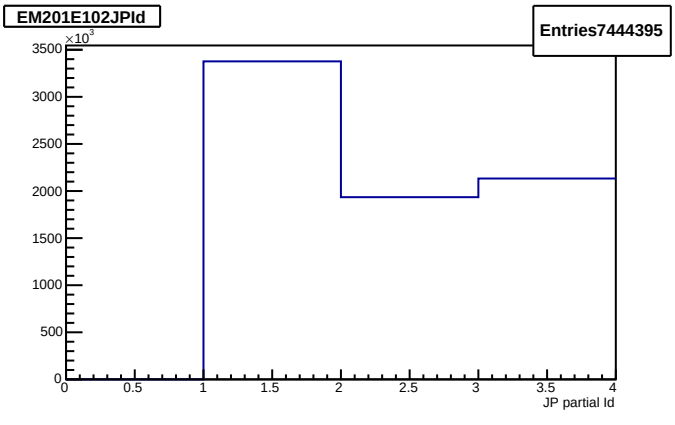

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

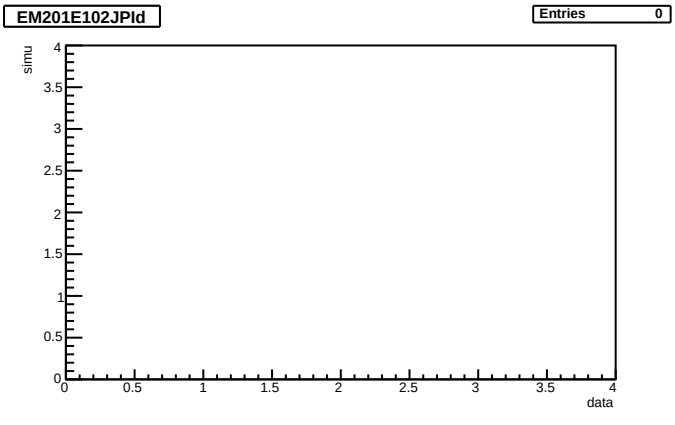

EM201E102JPThBits
Entries7444395
×10^3
JP th bits

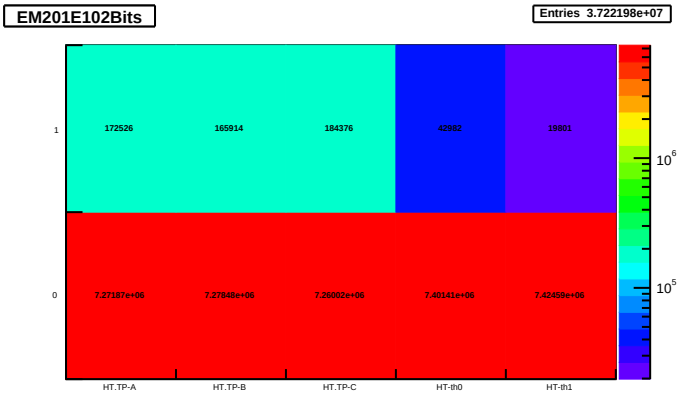

EM201E102JPThBits
Entries 0
simu
data

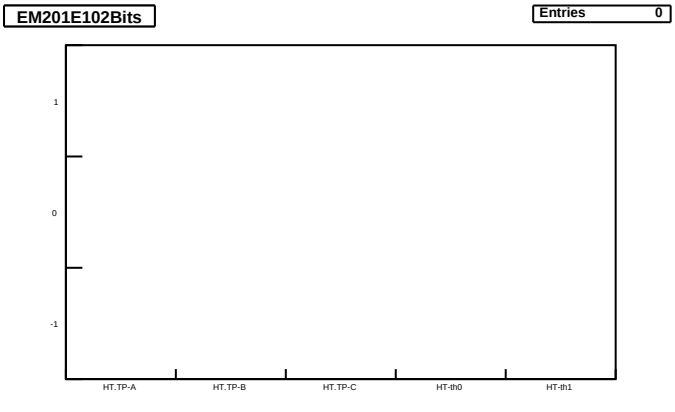

EM201E102JPSum
Entries7444395
×10^3
JP partial sum

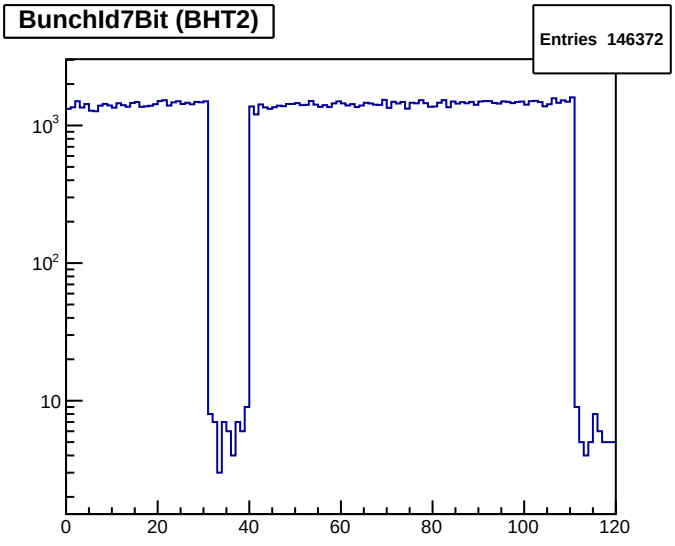

EM201E102JPSum
Entries 0
simu
data

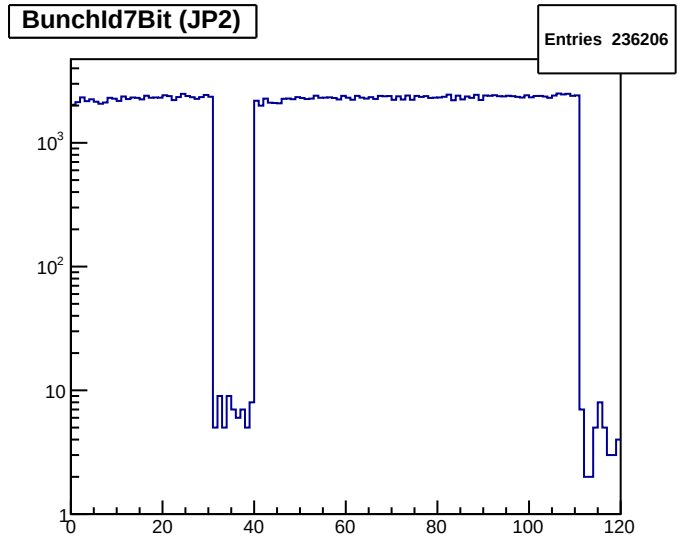

EM201E102JPId
Entries7444395
×10^3
JP partial Id

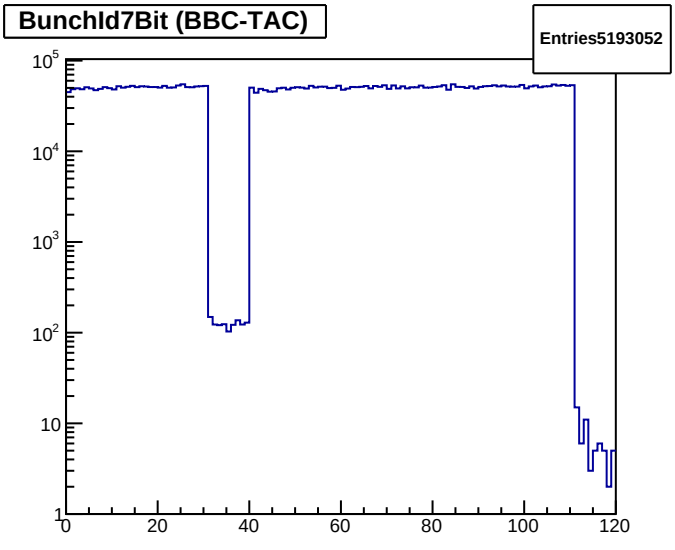

EM201E102JPId
Entries 0
simu
data

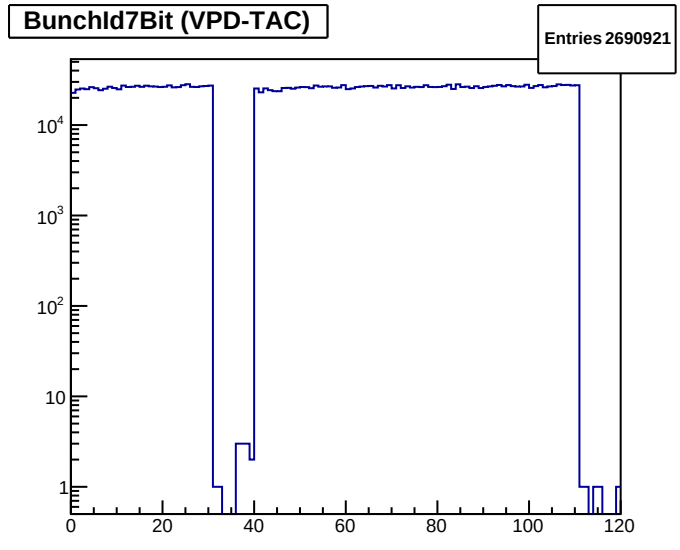

EM201E102Bits
Entries 3.722198e+07
172526
165914
184376
42982
19801
7.27187e+06
7.27848e+06
7.26002e+06
7.40141e+06
7.42459e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

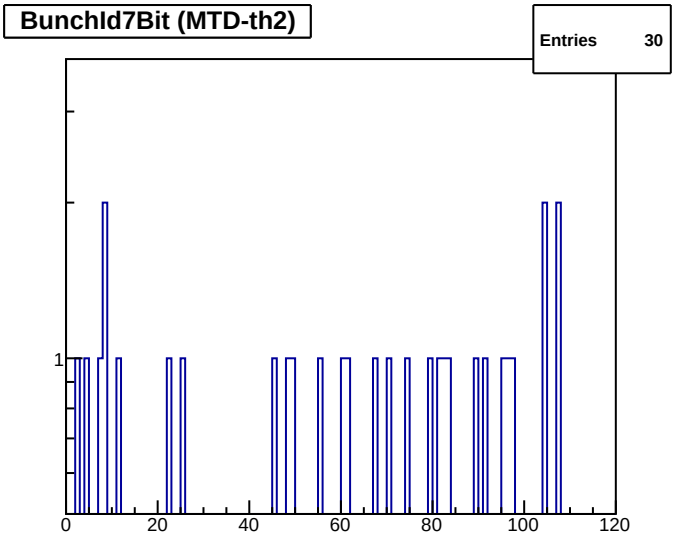

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

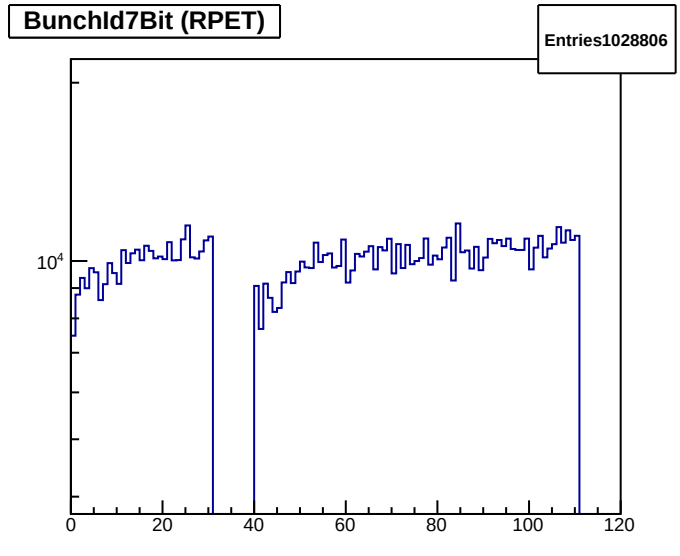

BunchId7Bit (BHT2)
Entries 146372
10^3
10^2
10
0
20
40
60
80
100
120

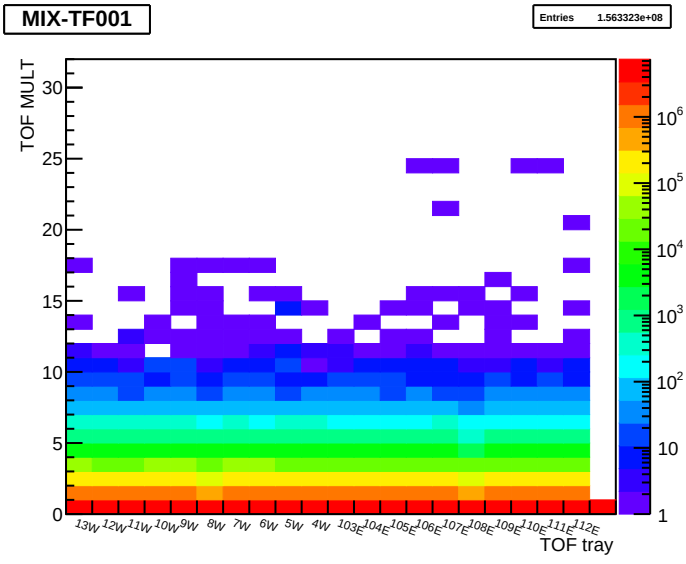

BunchId7Bit (JP2)
Entries 236206
10^3
10^2
10
1
0
20
40
60
80
100
120

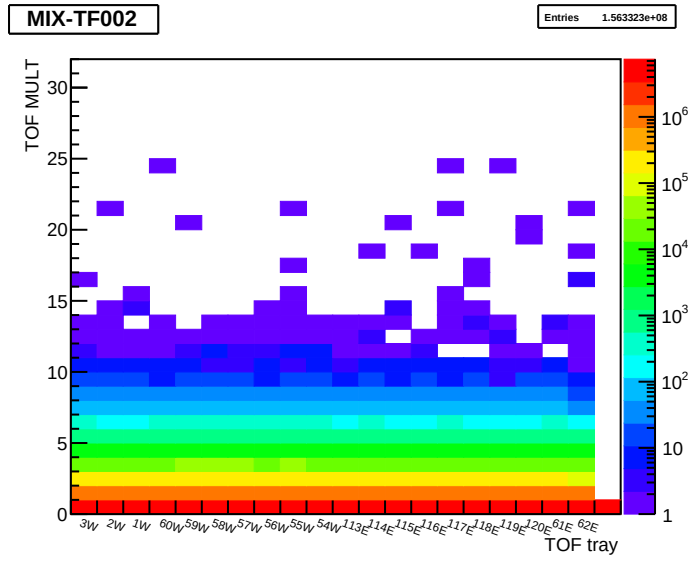

BunchId7Bit (BBC-TAC)
Entries5193052
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

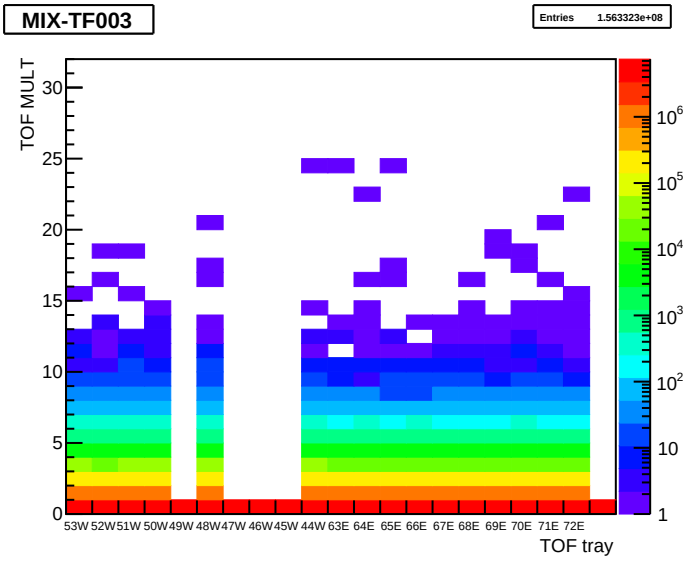

BunchId7Bit (VPD-TAC)
Entries 2690921
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

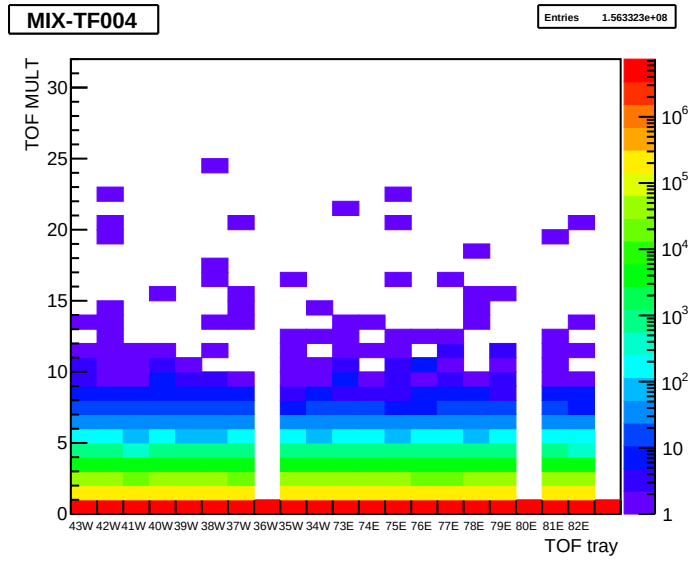

BunchId7Bit (MTD-th2)
Entries 30
1
0
20
40
60
80
100
120

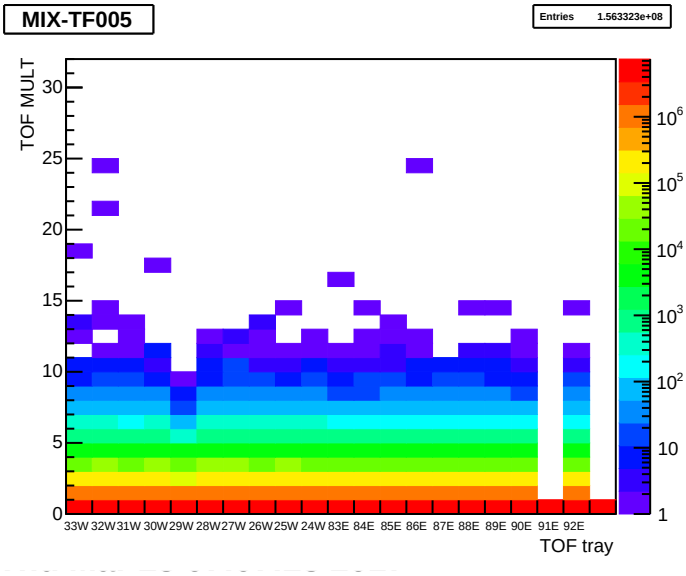

BunchId7Bit (RPET)
Entries1028806
10^4
0
20
40
60
80
100
120

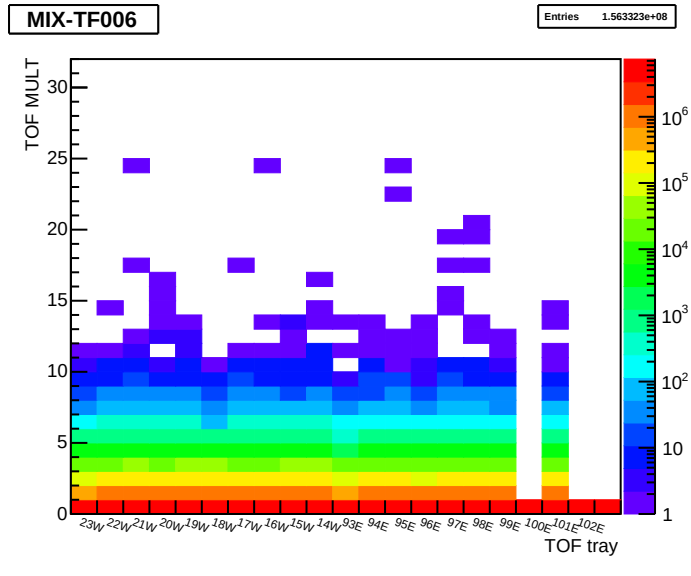

MIX-TF001
Entries 1.563323e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

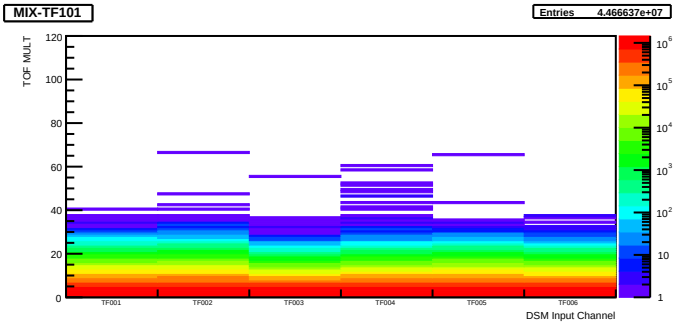

MIX-TF002
Entries 1.563323e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

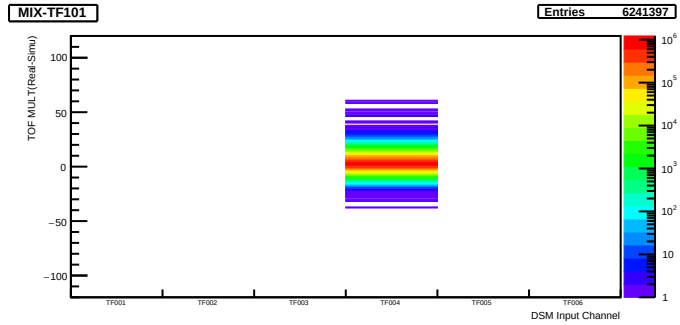

MIX-TF003
Entries 1.563323e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

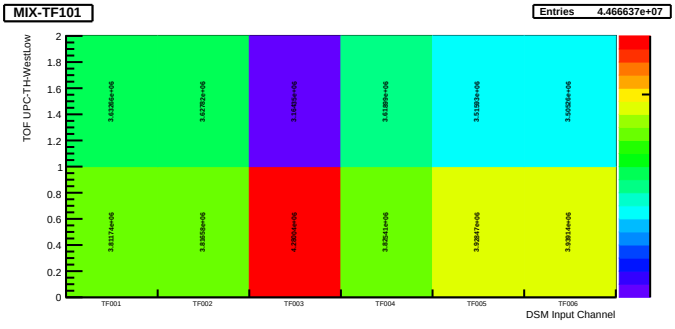

MIX-TF004
Entries 1.563323e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

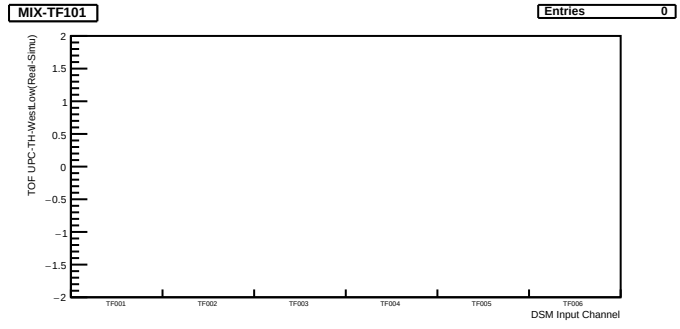

MIX-TF005
Entries 1.563323e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

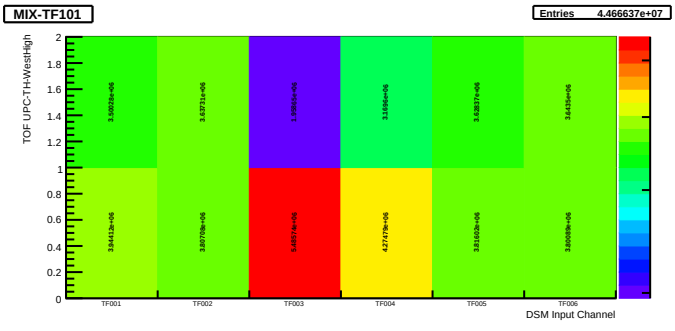

MIX-TF006
Entries 1.563323e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

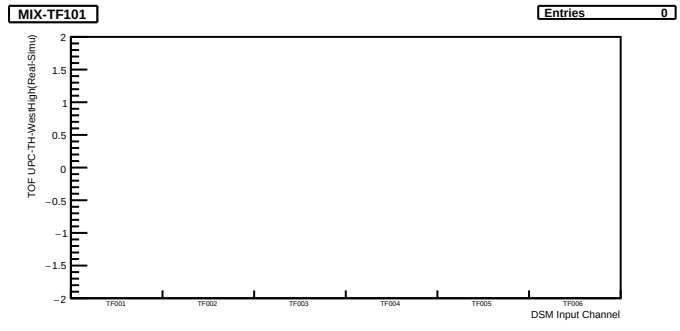

MIX-TF101
Entries 4.466637e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

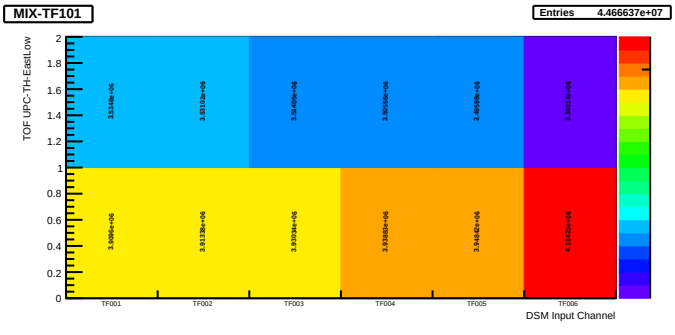

MIX-TF101
Entries 6241397
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

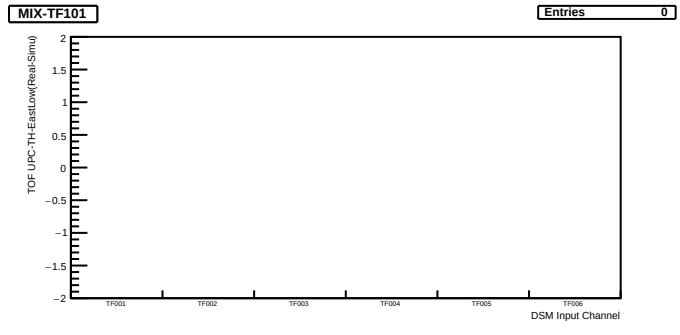

MIX-TF101
Entries 4.466637e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

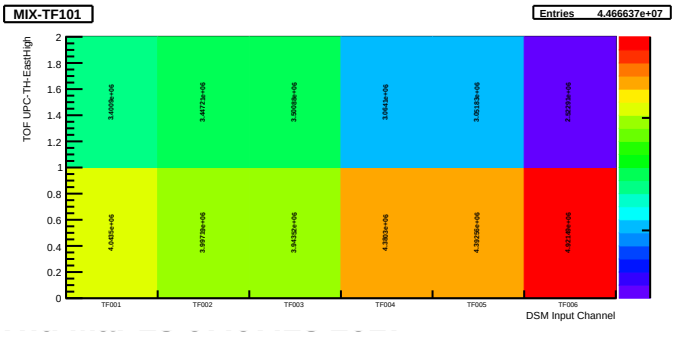

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

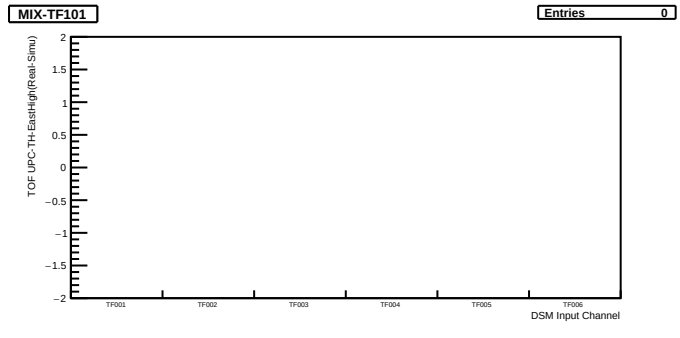

MIX-TF101
Entries 4.466637e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

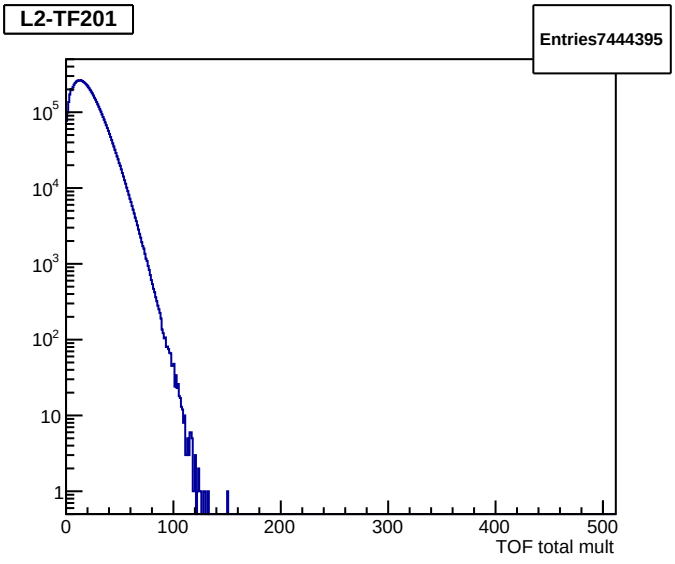

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

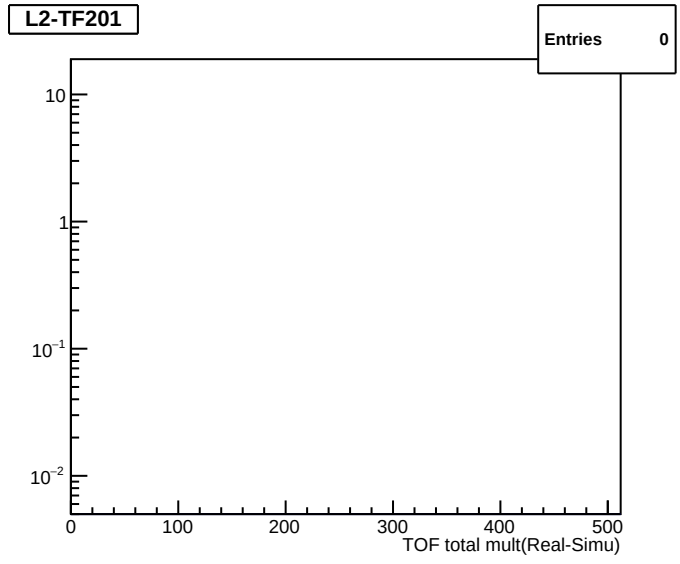

MIX-TF101
Entries 4.466637e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

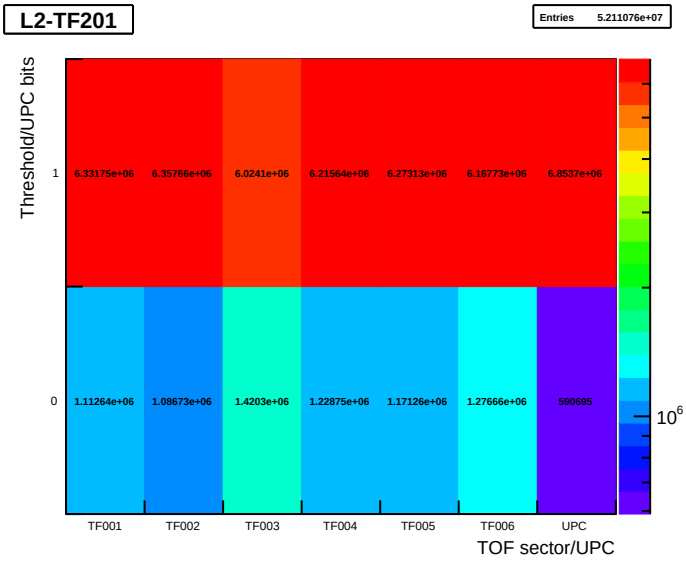

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

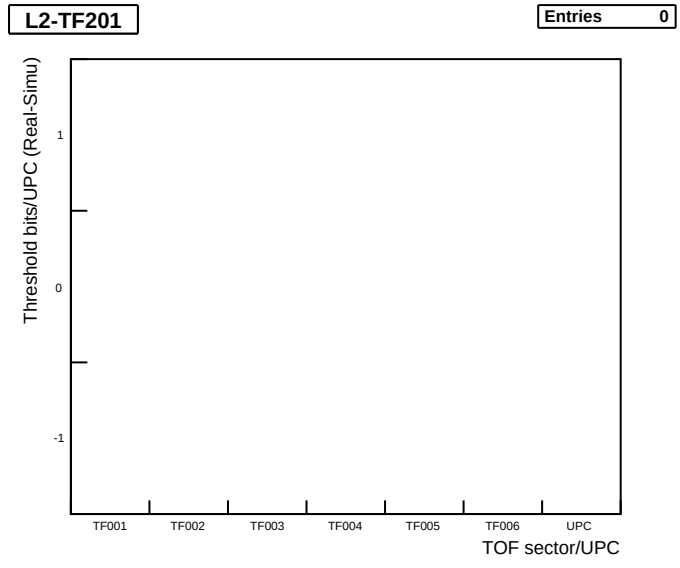

MIX-TF101
Entries 4.466637e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

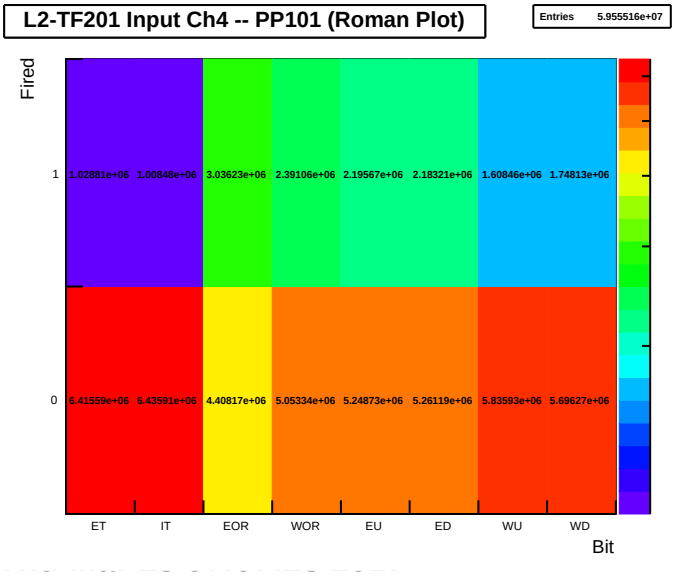

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

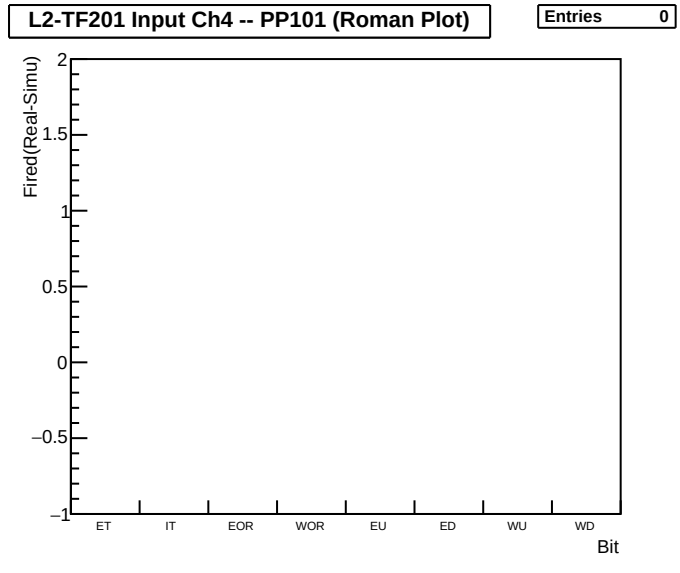

L2-TF201
Entries7444395
TOF total mult

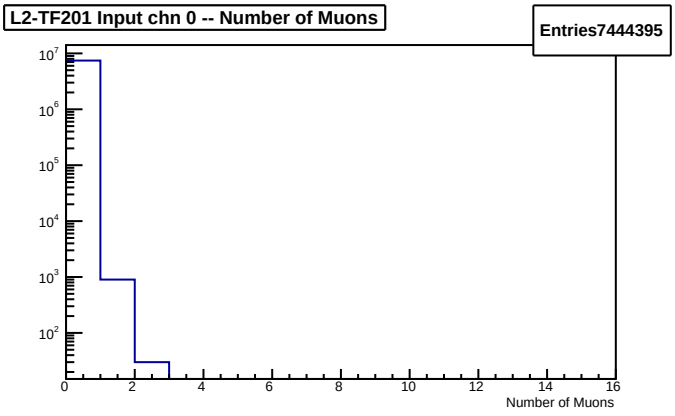

L2-TF201
Entries 0
TOF total mult(Real-Simu)

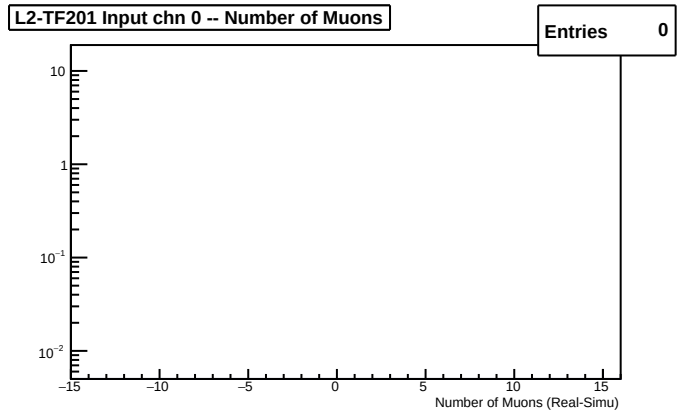

L2-TF201
Entries 5.211076e+07
Threshold/UPC bits
6.33175e+06
6.35766e+06
6.0241e+06
6.21564e+06
6.27313e+06
6.16773e+06
6.8537e+06
1.11264e+06
1.08673e+06
1.4203e+06
1.22875e+06
1.17126e+06
1.27666e+06
590695
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

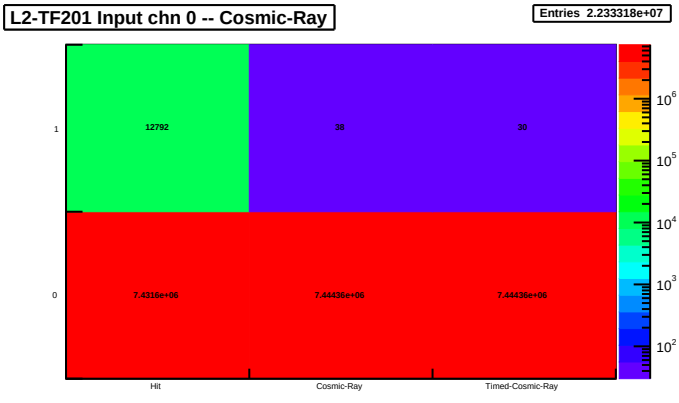

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

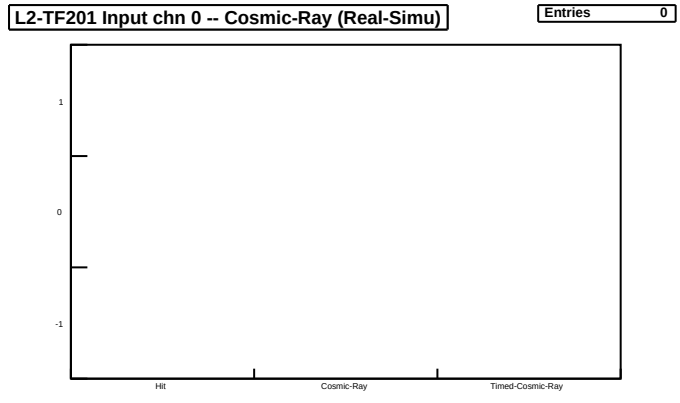

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.955516e+07
Fired
1.02881e+06
1.00848e+06
3.03623e+06
2.39106e+06
2.19567e+06
2.18321e+06
1.60846e+06
1.74813e+06
6.41559e+06
6.43591e+06
4.40817e+06
5.05334e+06
5.24873e+06
5.26119e+06
5.83593e+06
5.69627e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

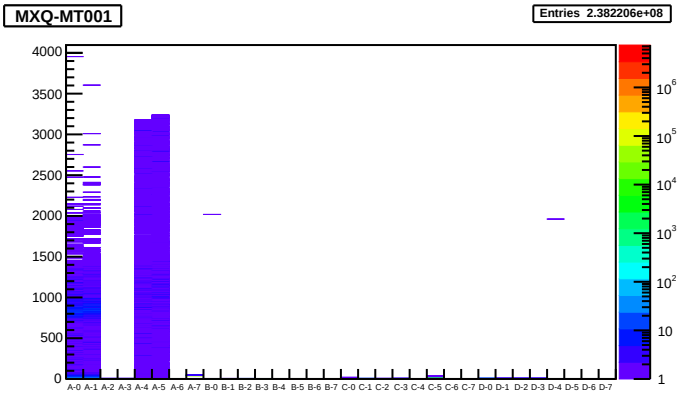

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

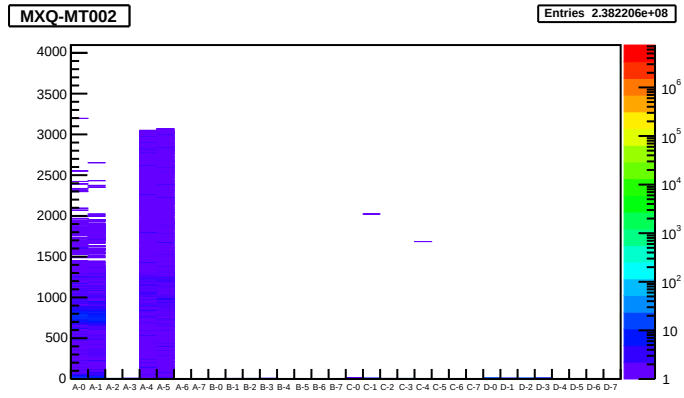

L2-TF201 Input chn 0 -- Number of Muons
Entries7444395
Number of Muons

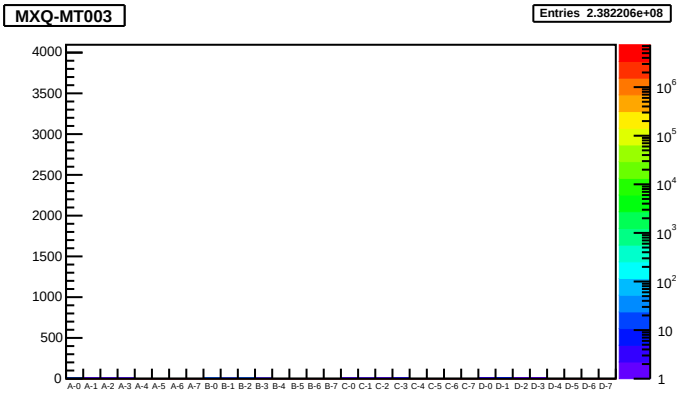

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

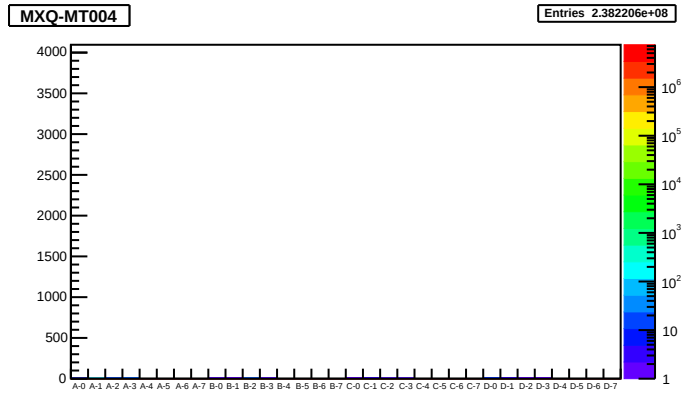

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.233318e+07
12792
38
30
7.4316e+06
7.44436e+06
7.44436e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

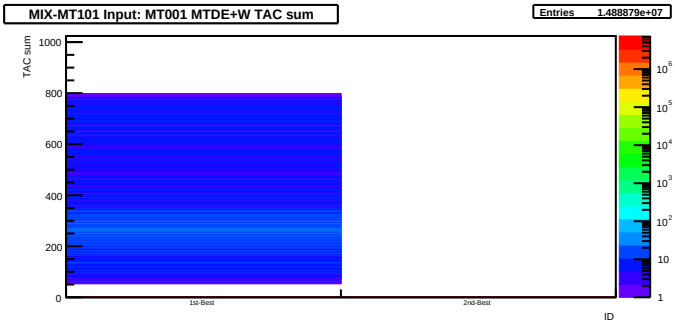

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

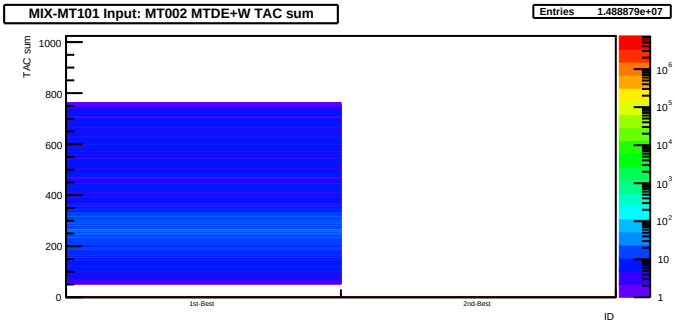

MXQ-MT001
Entries 2.382206e+08

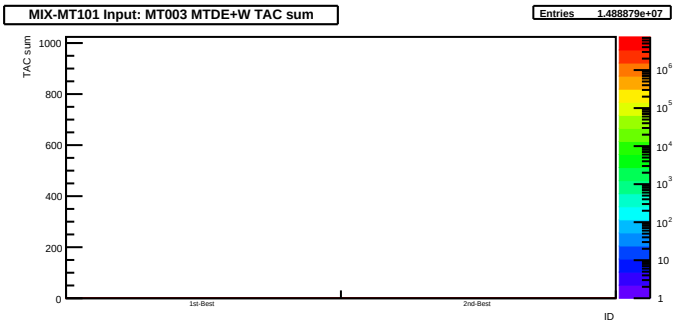

MXQ-MT002
Entries 2.382206e+08

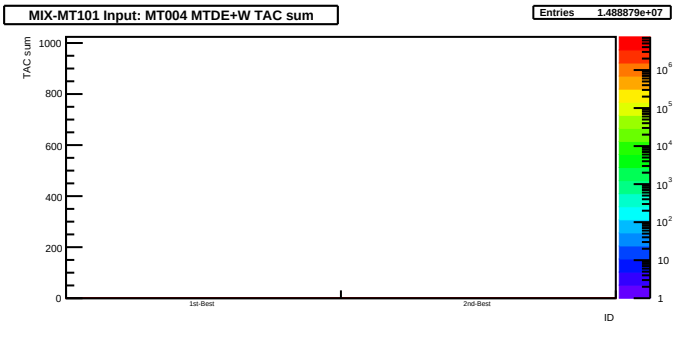

MXQ-MT003
Entries 2.382206e+08

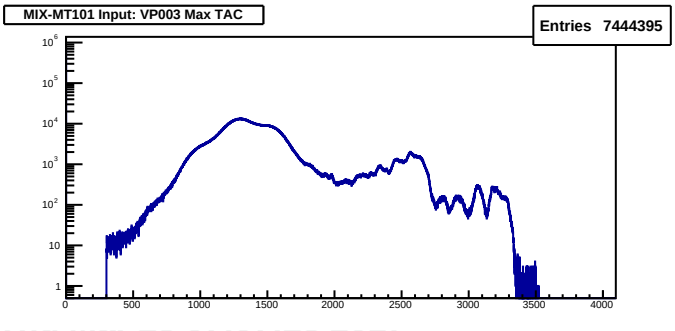

MXQ-MT004
Entries 2.382206e+08

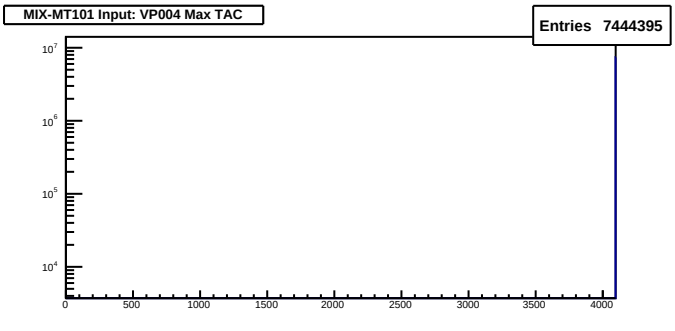

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.488879e+07
TAC sum
1st-Best
2nd-Best
ID

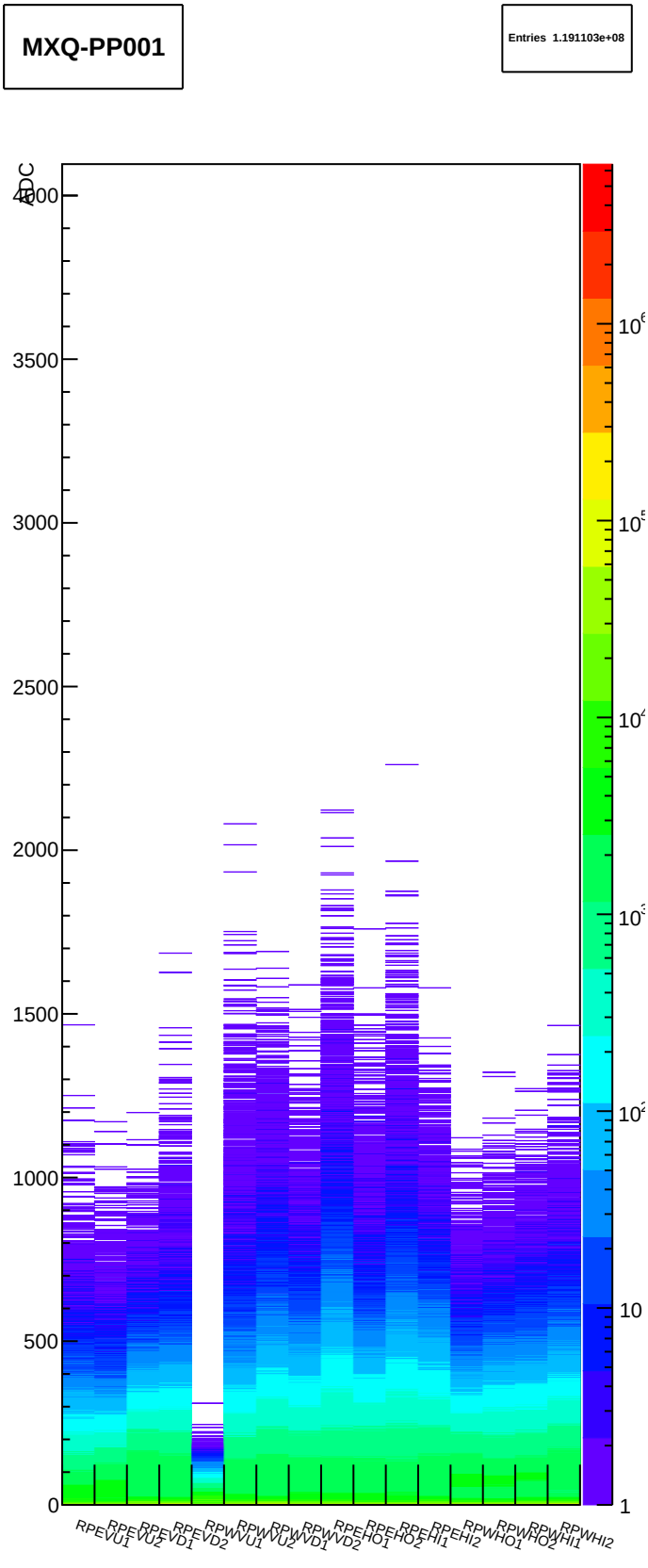

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.488879e+07
TAC sum
1st-Best
2nd-Best
ID

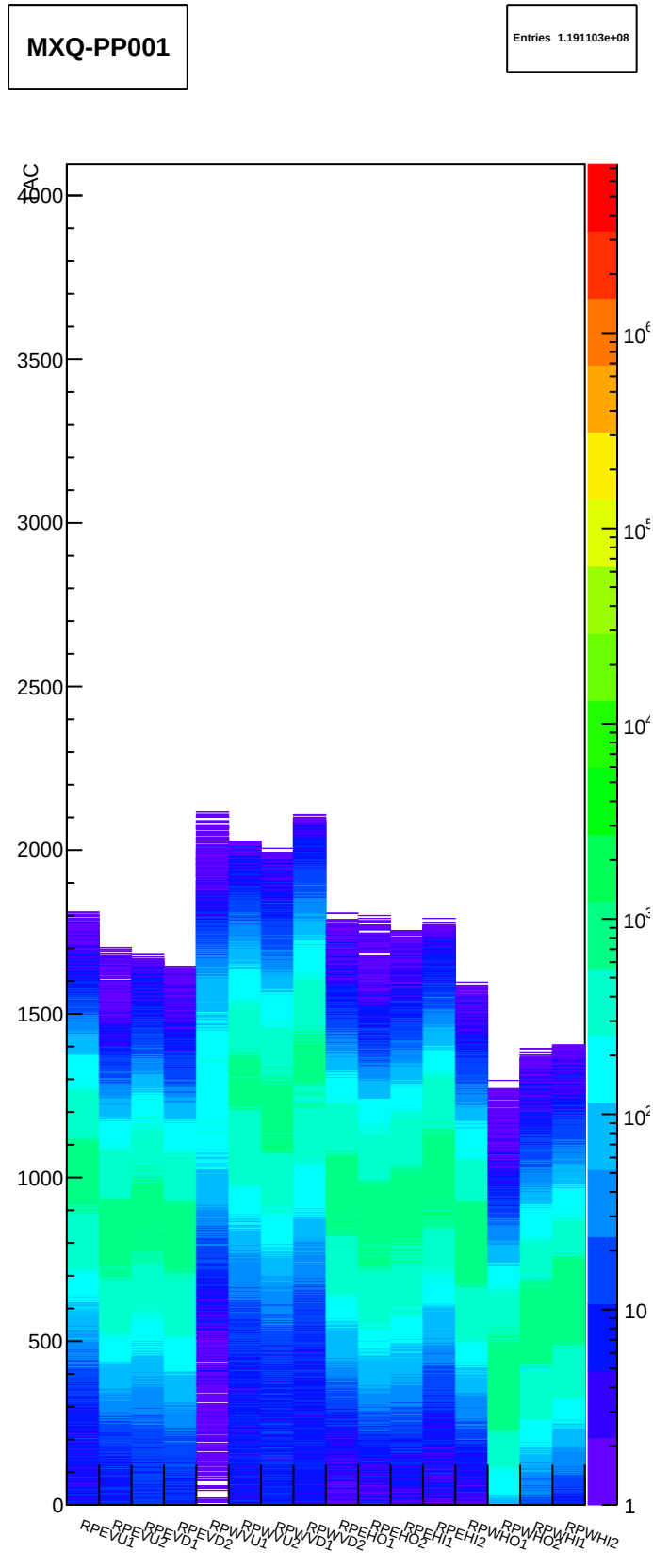

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.488879e+07
TAC sum
1st-Best
2nd-Best
ID

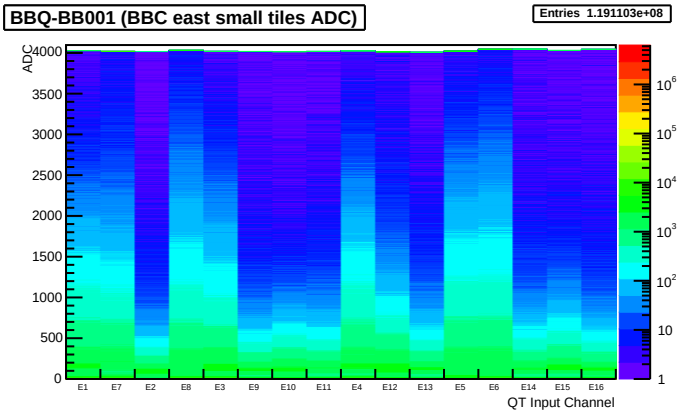

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.488879e+07
TAC sum
1st-Best
2nd-Best
ID

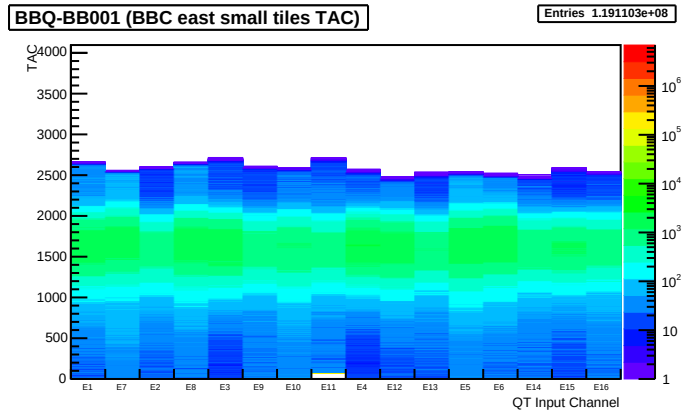

MIX-MT101 Input: VP003 Max TAC
Entries 7444395

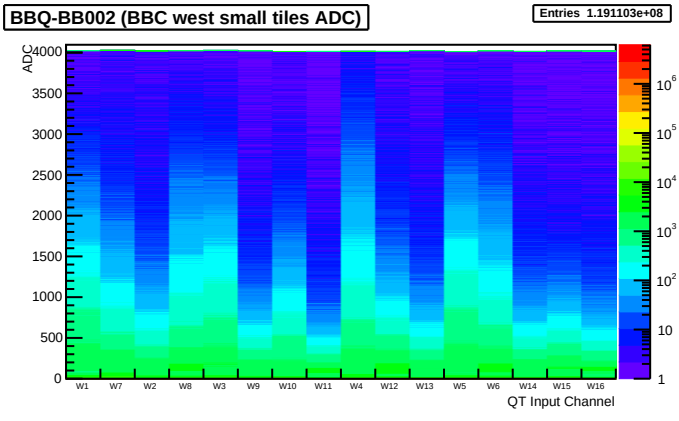

MIX-MT101 Input: VP004 Max TAC
Entries 7444395

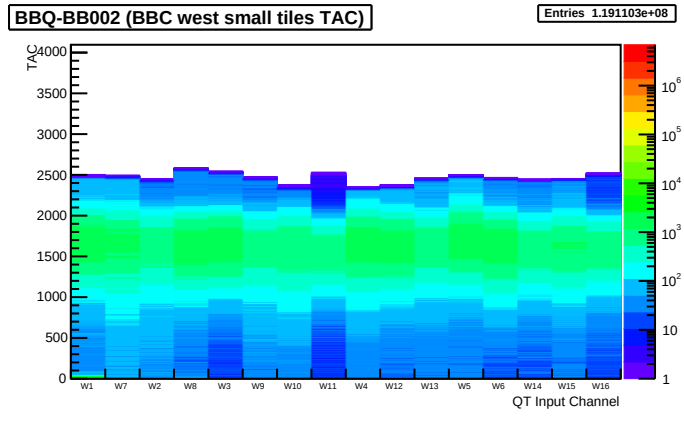

MXQ-PP001
Entries 1.191103e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

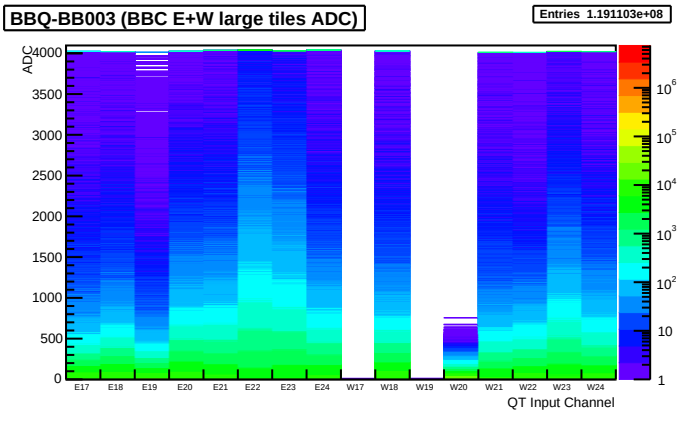

MXQ-PP001
Entries 1.191103e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

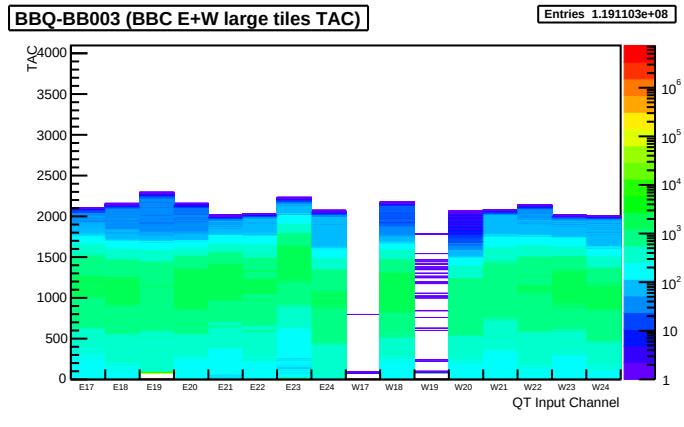

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.191103e+08
ADC
QT Input Channel

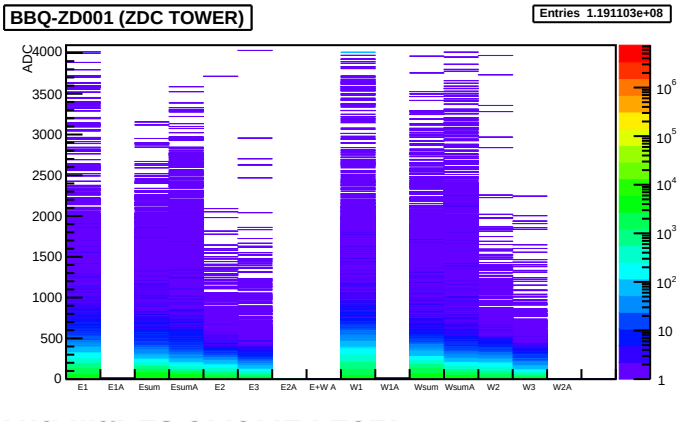

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.191103e+08
TAC
QT Input Channel

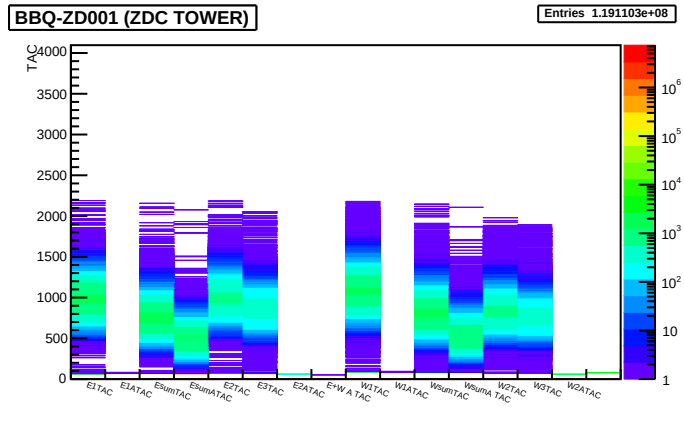

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.191103e+08
ADC
QT Input Channel

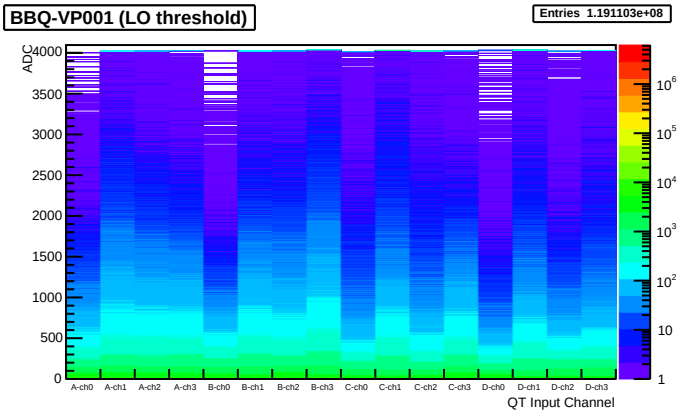

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.191103e+08
TAC
QT Input Channel

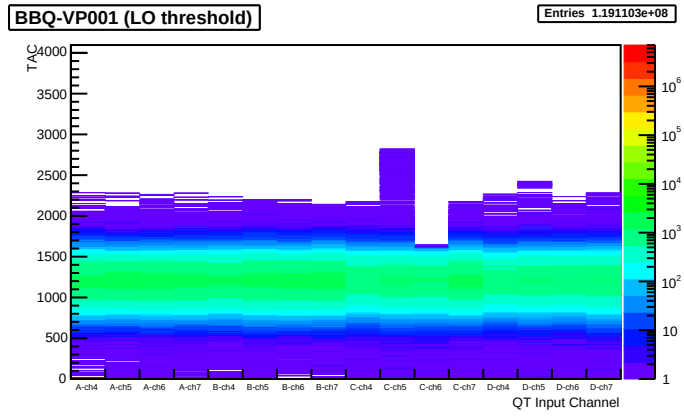

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.191103e+08
ADC
QT Input Channel

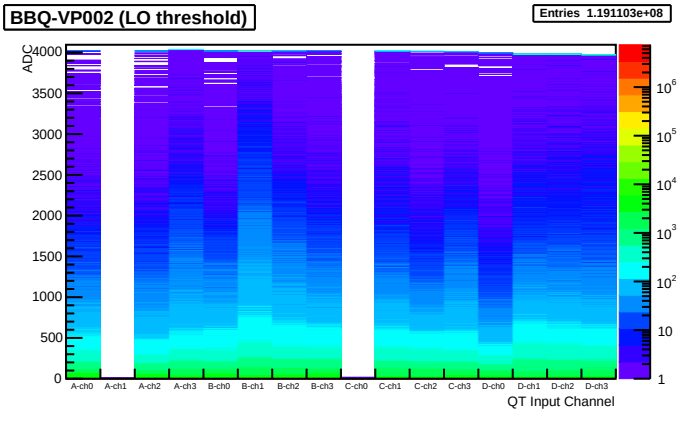

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.191103e+08
TAC
QT Input Channel

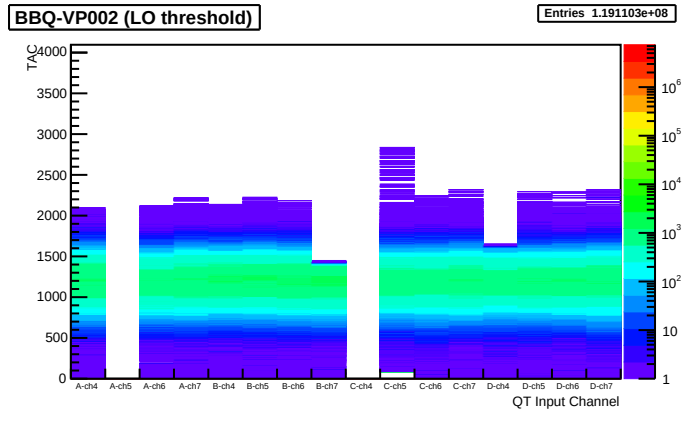

BBQ-ZD001 (ZDC TOWER)
Entries 1.191103e+08
ADC

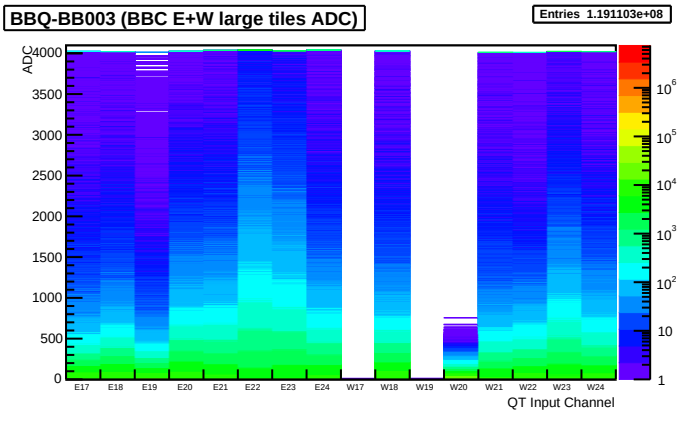

BBQ-ZD001 (ZDC TOWER)
Entries 1.191103e+08
TAC

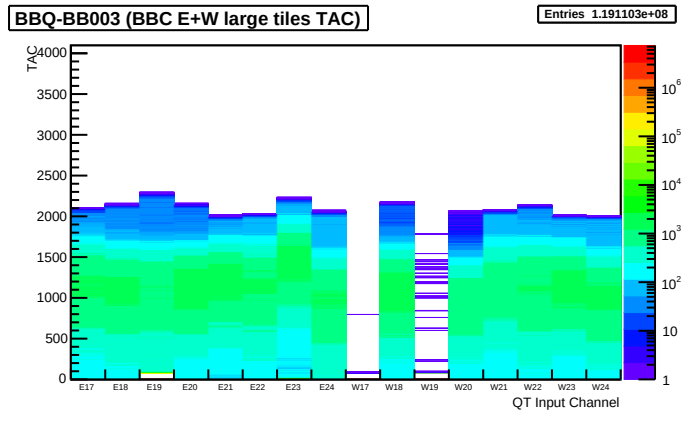

BBQ-VP001 (LO threshold)
Entries 1.191103e+08
ADC
QT Input Channel

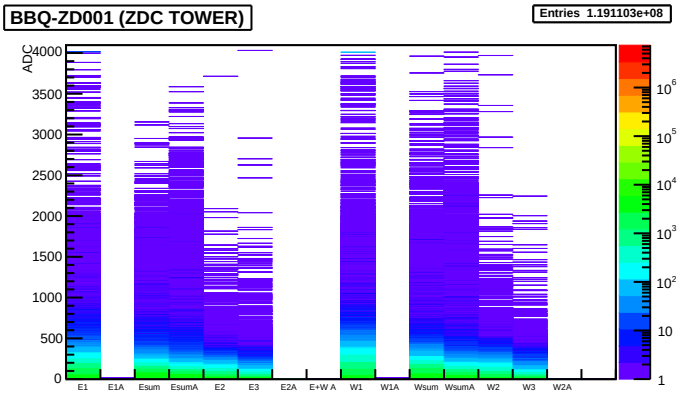

BBQ-VP001 (LO threshold)
Entries 1.191103e+08
TAC
QT Input Channel

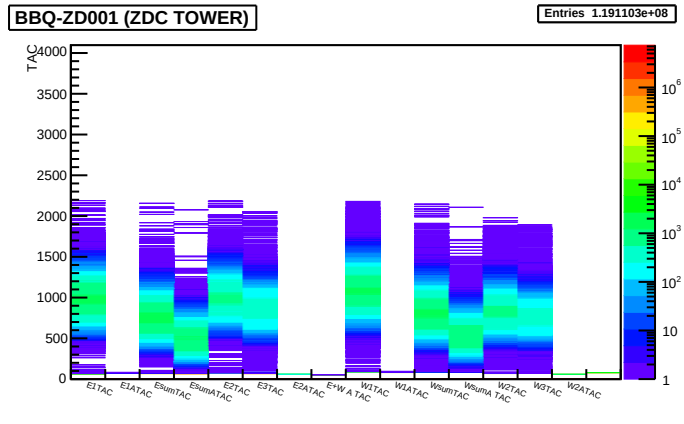

BBQ-VP002 (LO threshold)
Entries 1.191103e+08
ADC
QT Input Channel

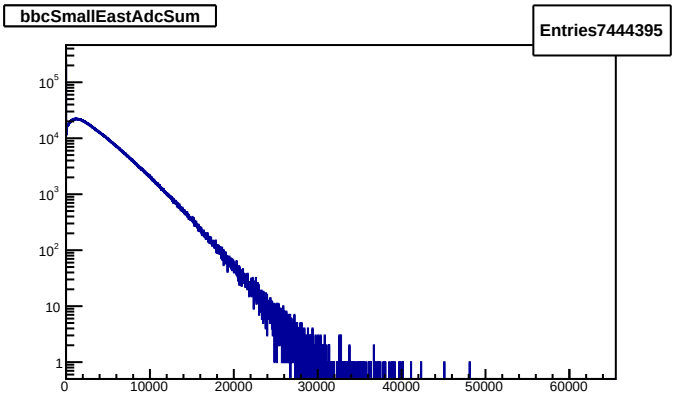

BBQ-VP002 (LO threshold)
Entries 1.191103e+08
TAC
QT Input Channel

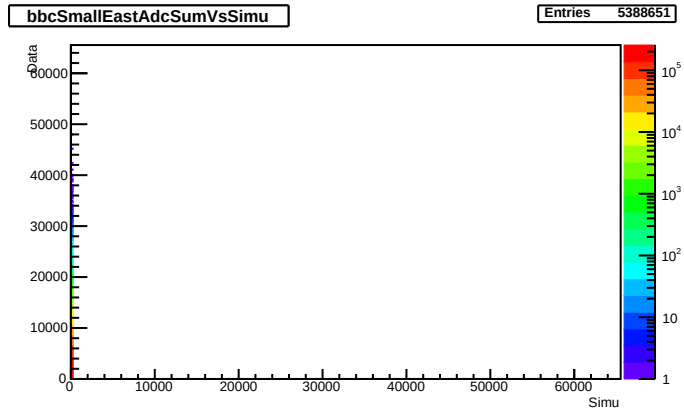

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.191103e+08
ADC
QT Input Channel

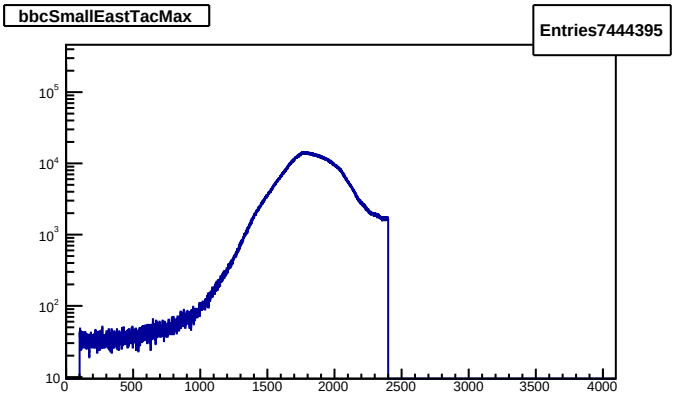

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.191103e+08
TAC
QT Input Channel

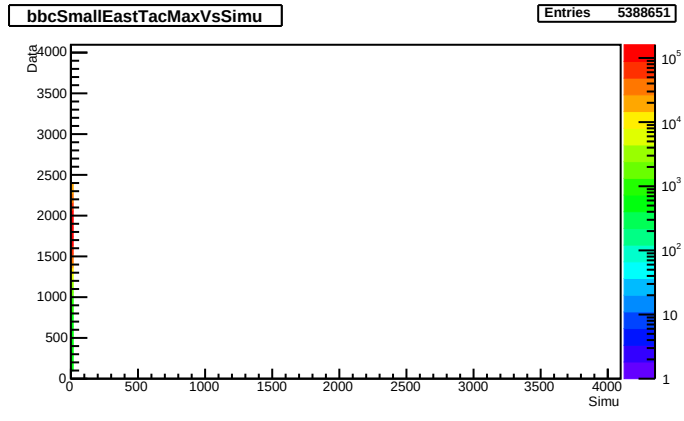

BBQ-ZD001 (ZDC TOWER)
Entries 1.191103e+08
ADC

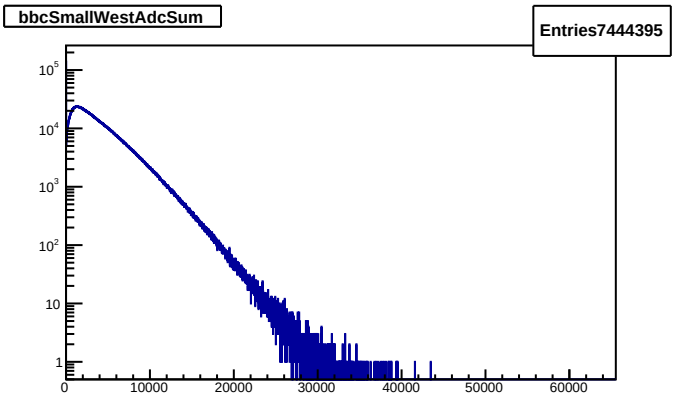

BBQ-ZD001 (ZDC TOWER)
Entries 1.191103e+08
TAC

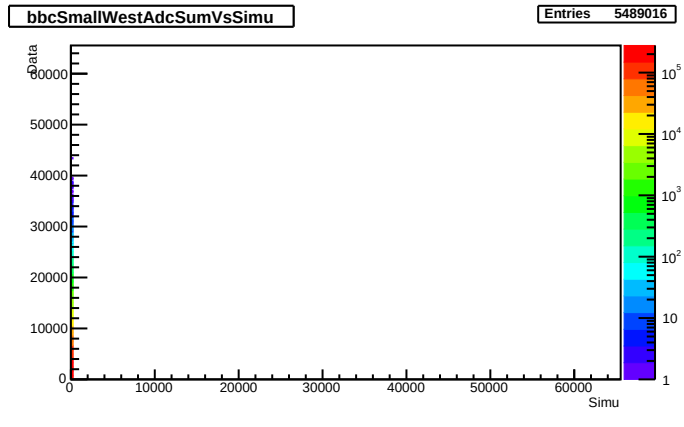

bbcSmallEastAdcSum
Entries7444395

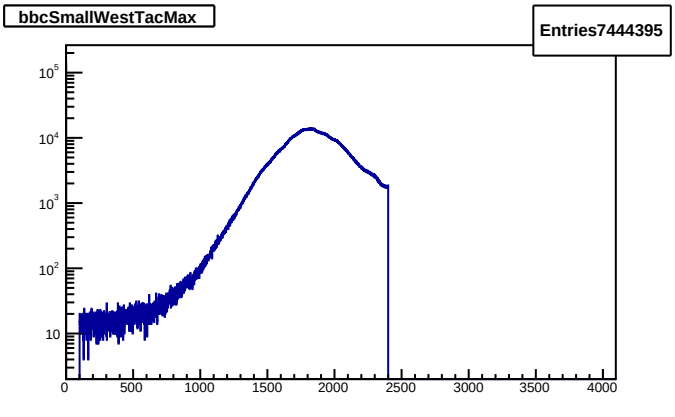

bbcSmallEastAdcSumVsSimu
Entries 5388651
Data
Simu

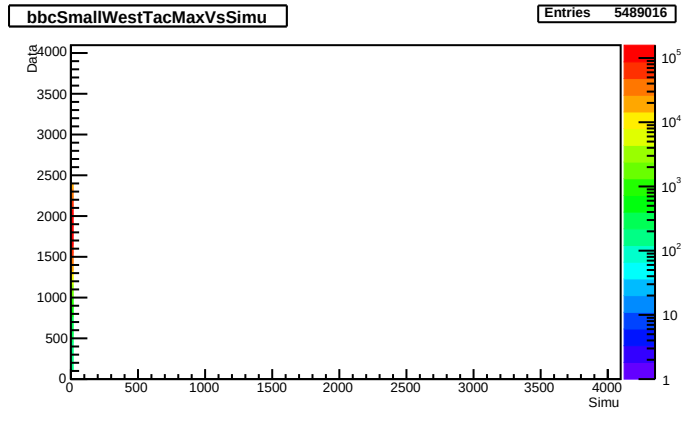

bbcSmallEastTacMax
Entries7444395

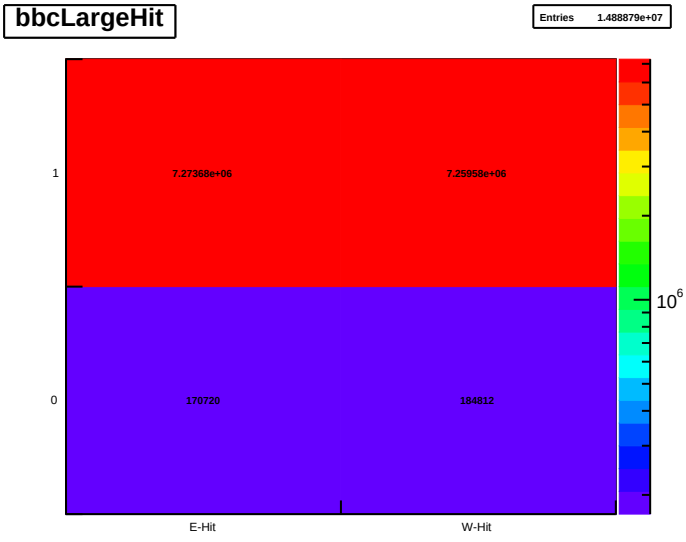

bbcSmallEastTacMaxVsSimu
Entries 5388651
Data
Simu

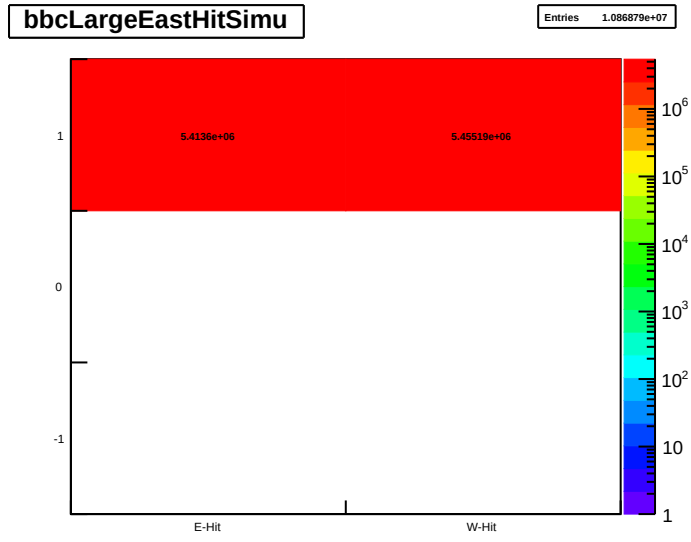

bbcSmallWestAdcSum
Entries7444395

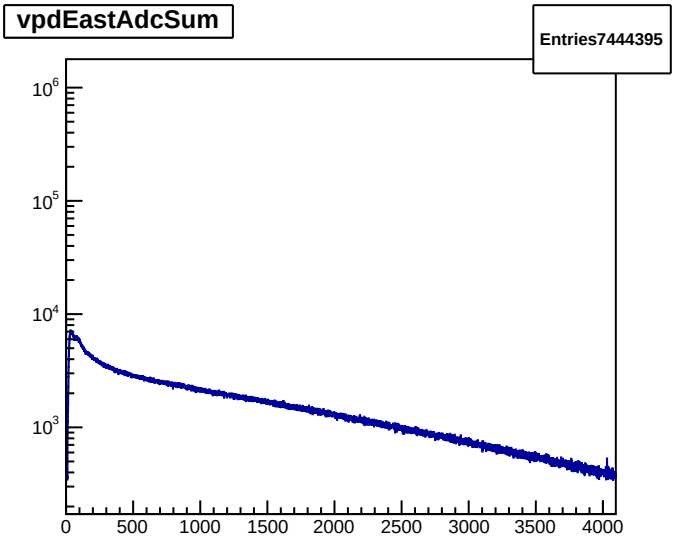

bbcSmallWestAdcSumVsSimu
Entries 5489016
Data
Simu

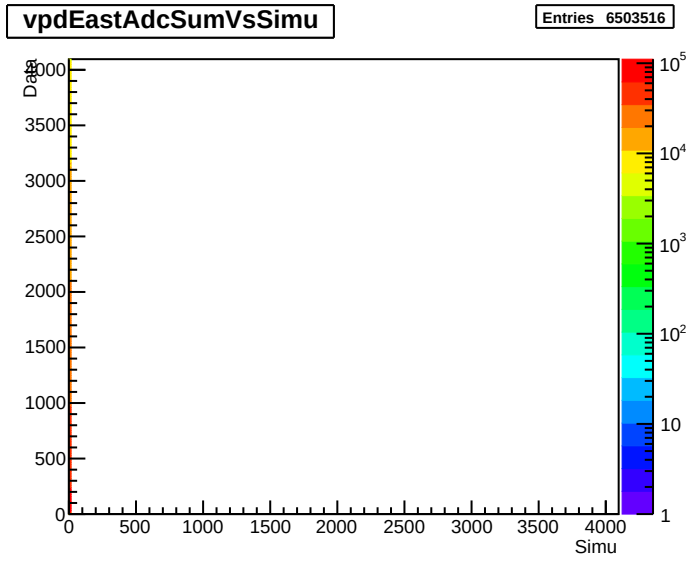

bbcSmallWestTacMax
Entries7444395

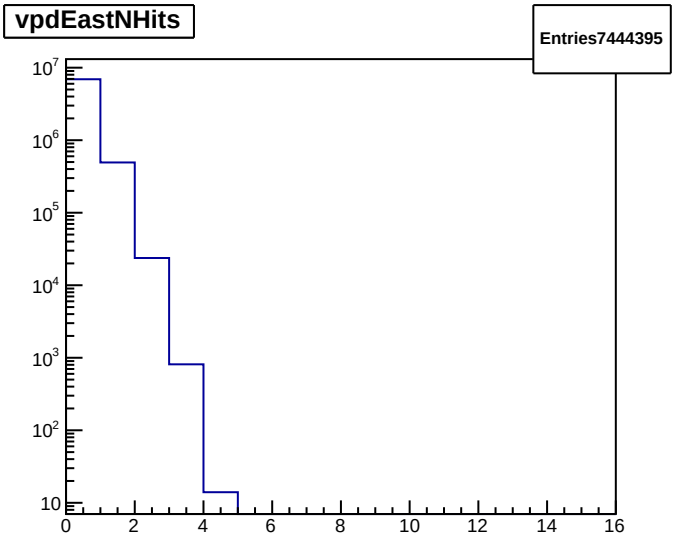

bbcSmallWestTacMaxVsSimu
Entries 5489016
Data
Simu

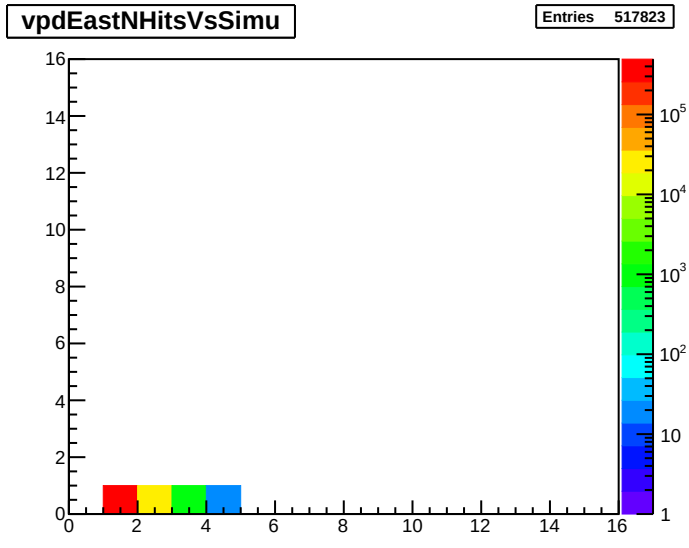

bbcLargeHit
Entries 1.488879e+07
1
0
7.27368e+06
7.25958e+06
170720
184812
E-Hit
W-Hit
10^6

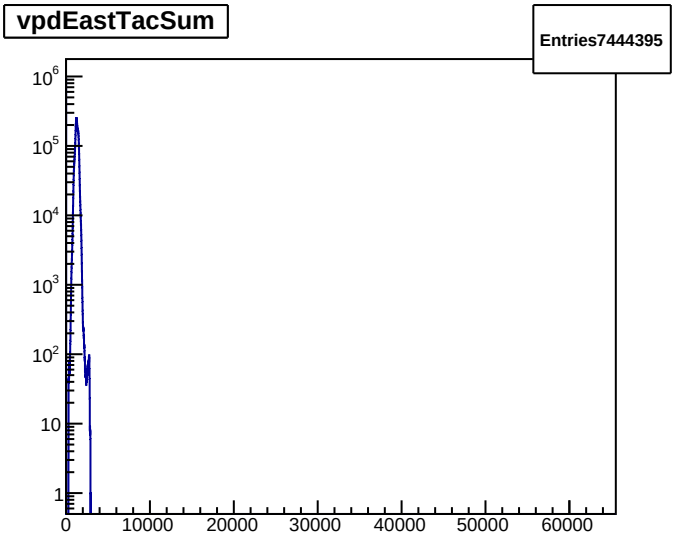

bbcLargeEastHitSimu
Entries 1.086879e+07
1
0
-1
5.4136e+06
5.45519e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

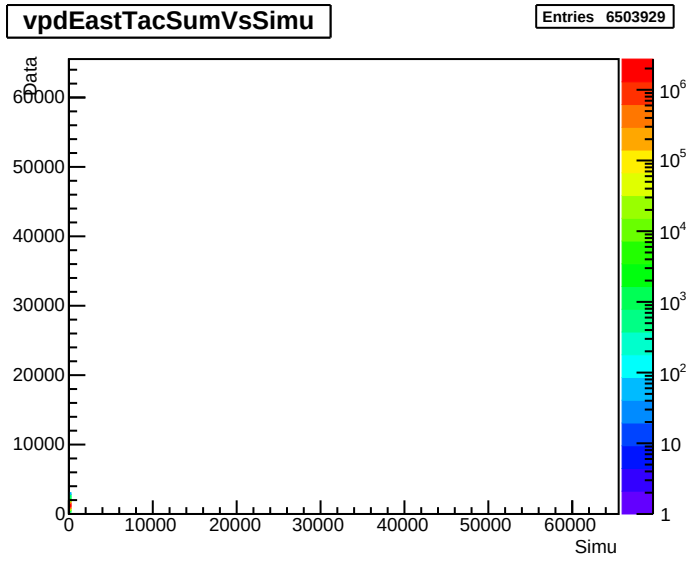

vpdEastAdcSum
Entries7444395

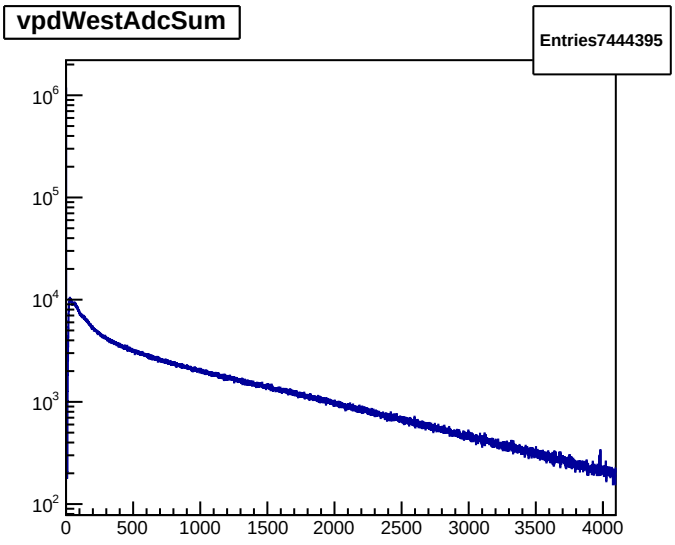

vpdEastAdcSumVsSimu
Entries 6503516
Data
Simu

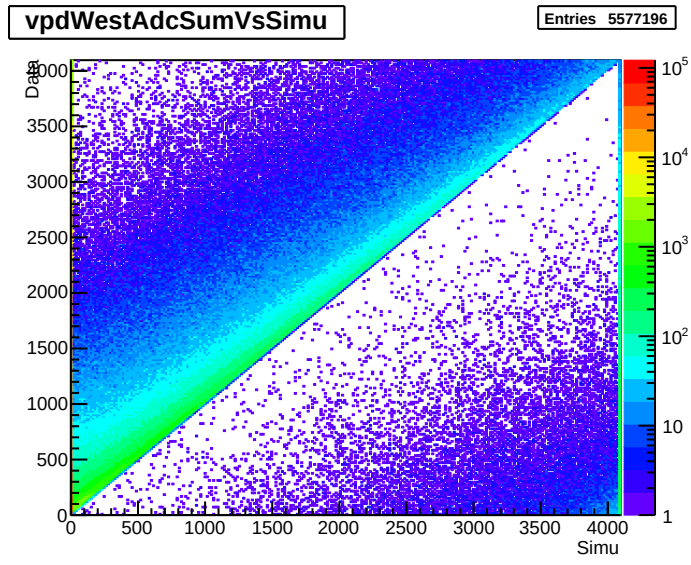

vpdEastNHits
Entries7444395

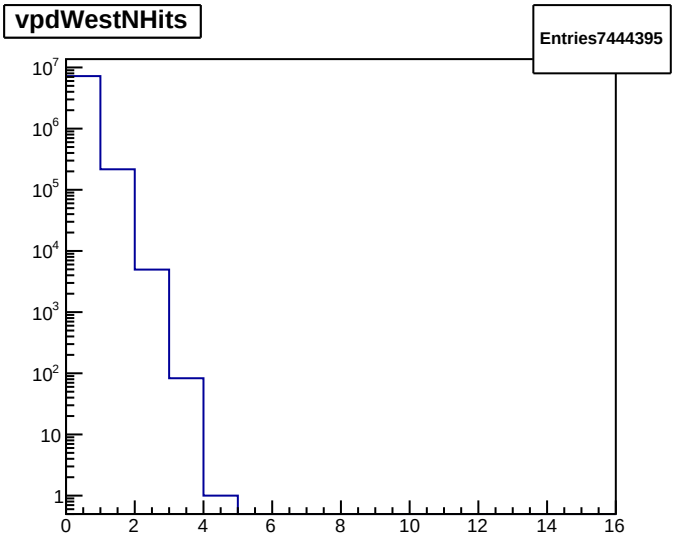

vpdEastNHitsVsSimu
Entries 517823

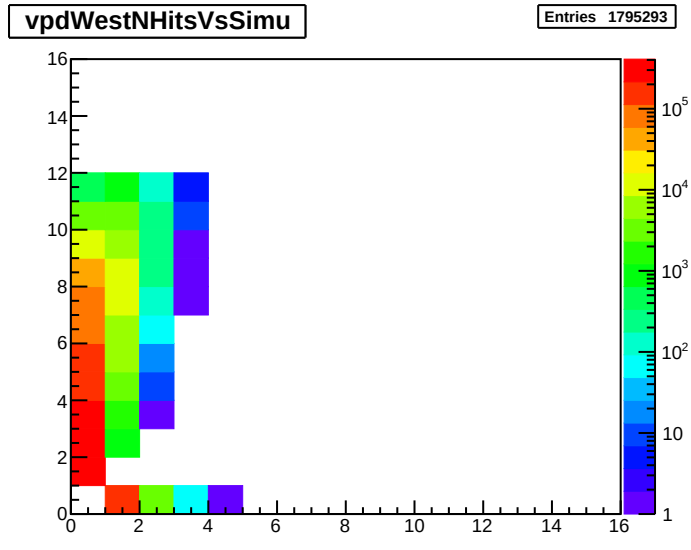

vpdEastTacSum
Entries7444395

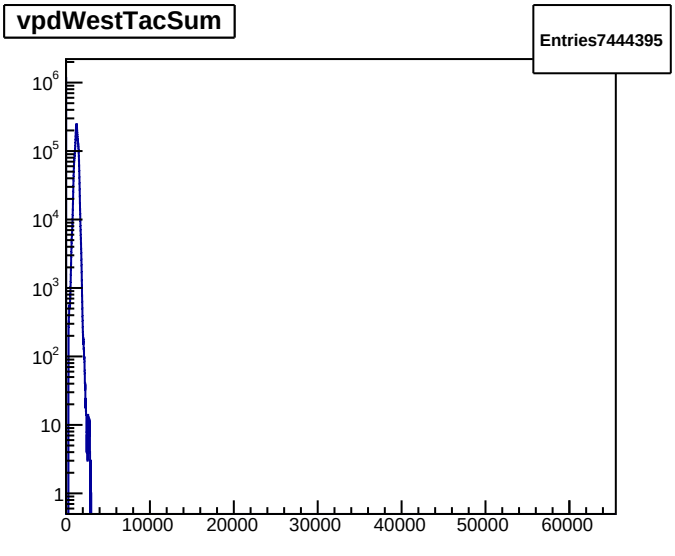

vpdEastTacSumVsSimu
Entries 6503929
Data
Simu

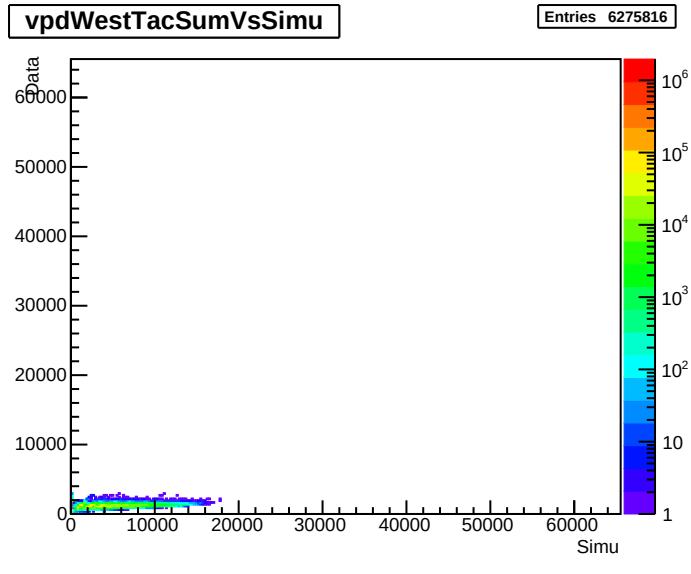

vpdWestAdcSum
Entries7444395

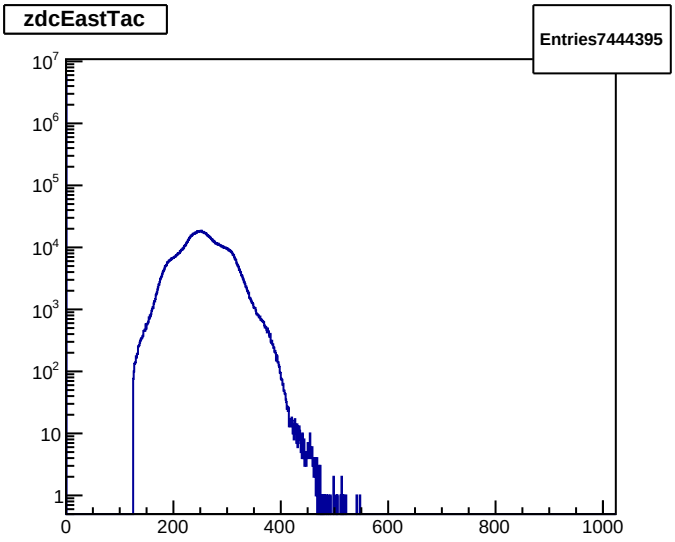

vpdWestAdcSumVsSimu
Entries 5577196
Data
Simu

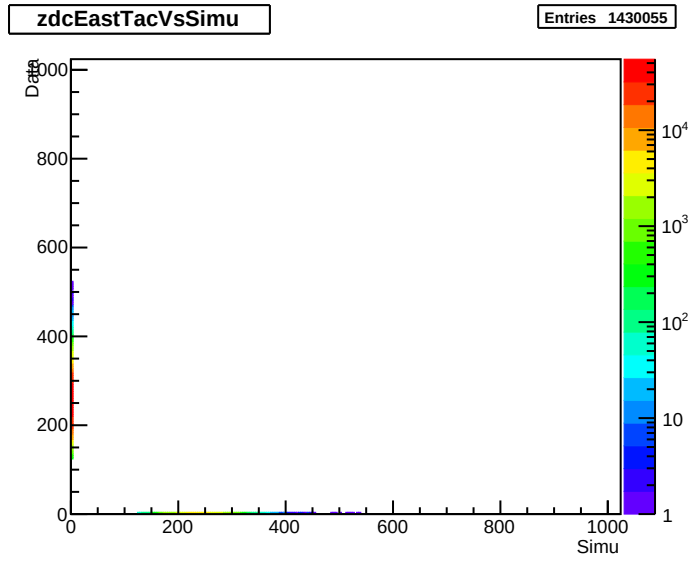

vpdWestNHits
Entries7444395

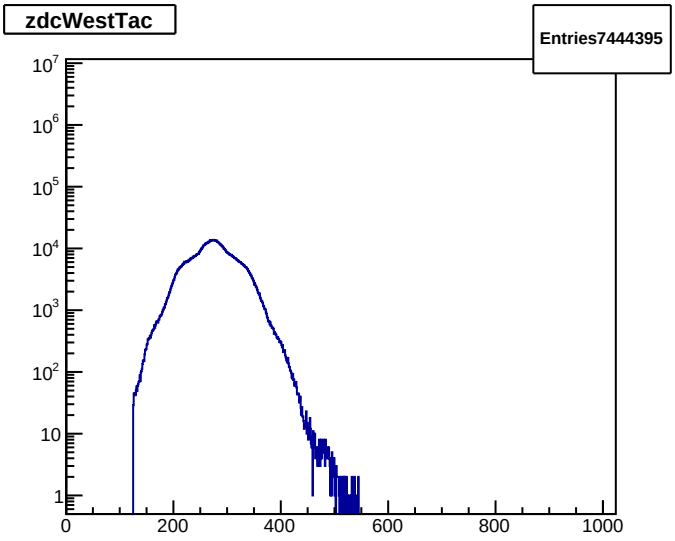

vpdWestNHitsVsSimu
Entries 1795293

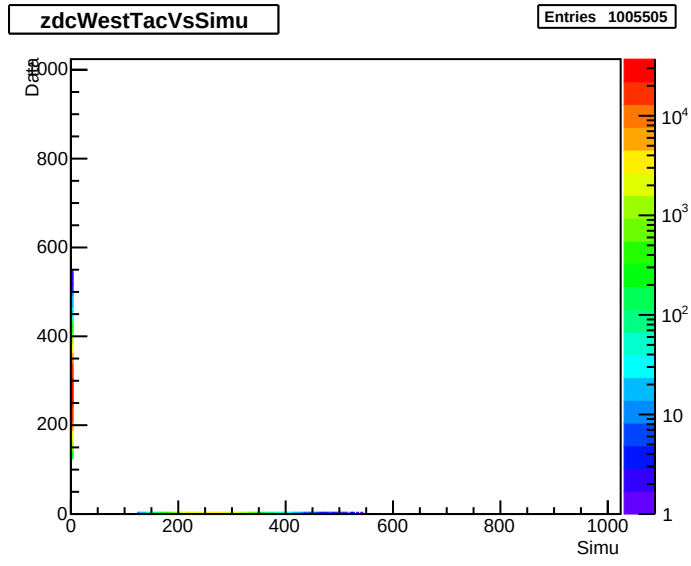

vpdWestTacSum
Entries7444395

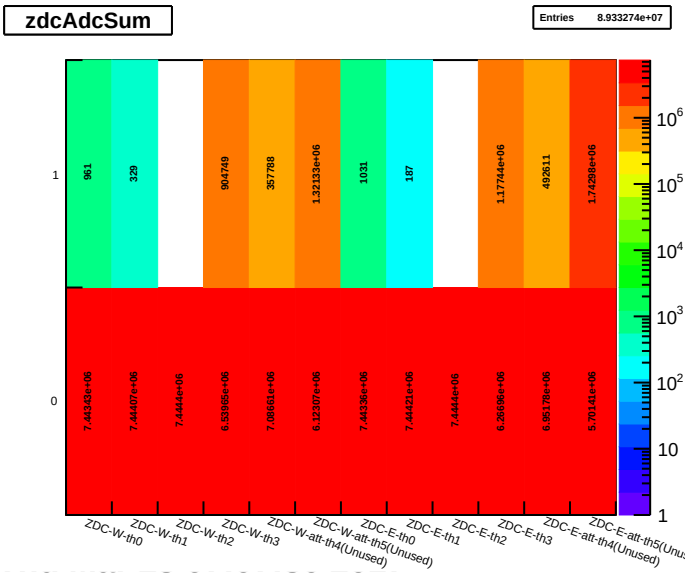

vpdWestTacSumVsSimu
Entries 6275816
Data
Simu

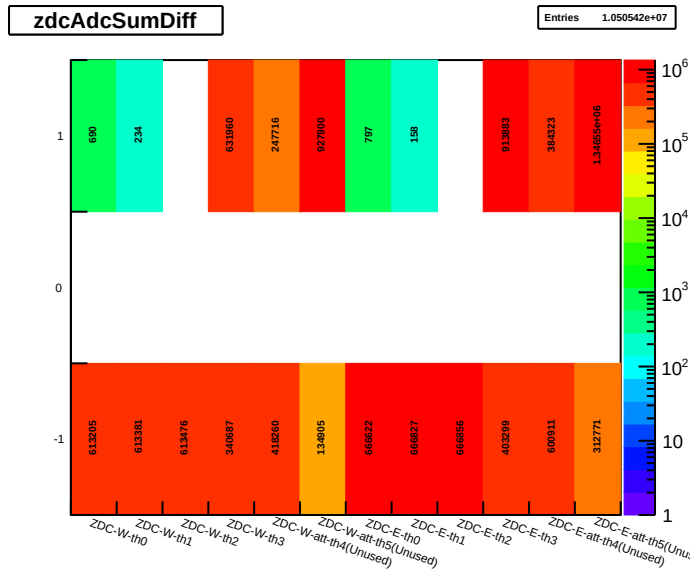

zdcEastTac
Entries7444395

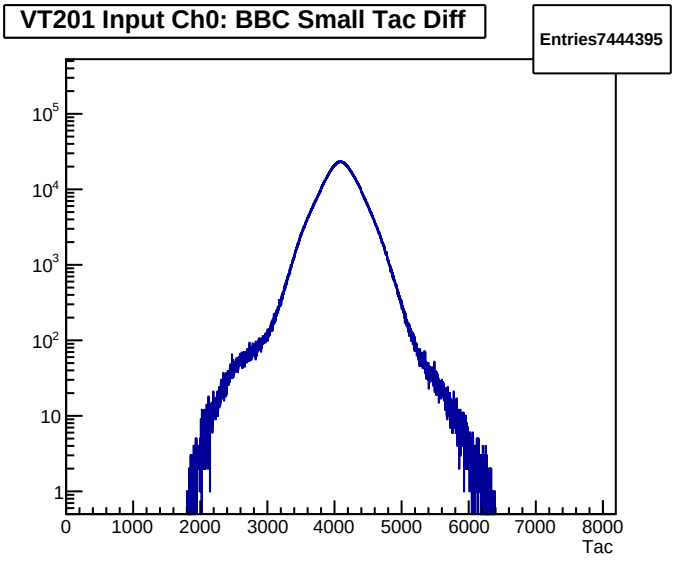

zdcEastTacVsSimu
Entries 1430055
Data
Simu

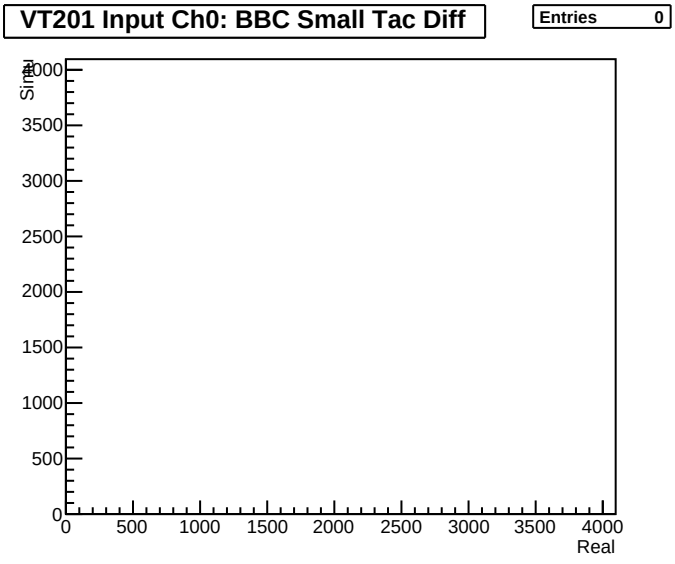

zdcWestTac
Entries7444395

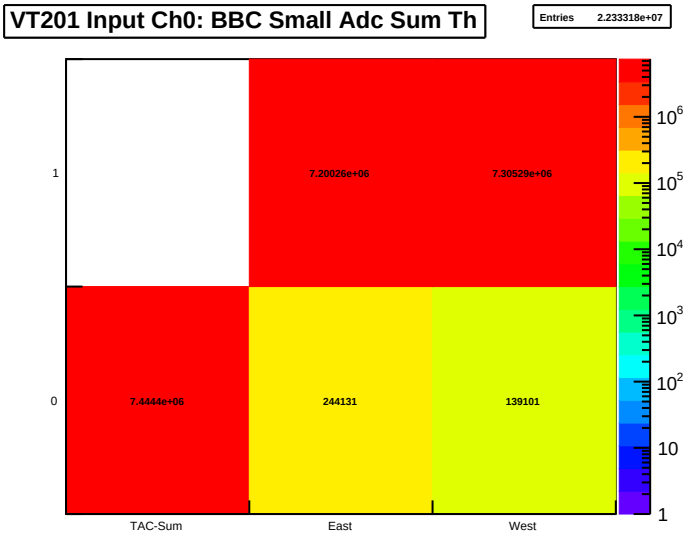

zdcWestTacVsSimu
Entries 1005505
Data
Simu

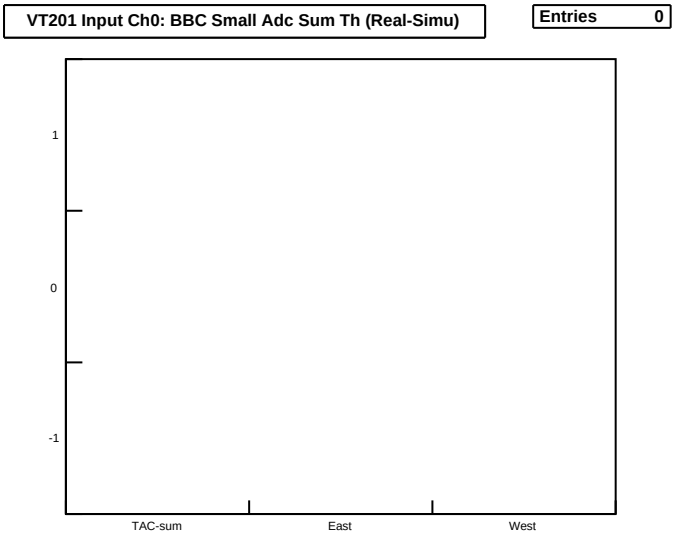

zdcAdcSum
Entries 8.933274e+07
961
329
904749
357788
1.32133e+06
1031
187
1.17744e+06
492611
1.74298e+06
7.44343e+06
7.44407e+05
7.4444e+06
6.53985e+06
7.08661e+06
6.12307e+06
7.44336e+06
7.44421e+06
7.4444e+06
6.26696e+06
6.95178e+06
5.70141e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

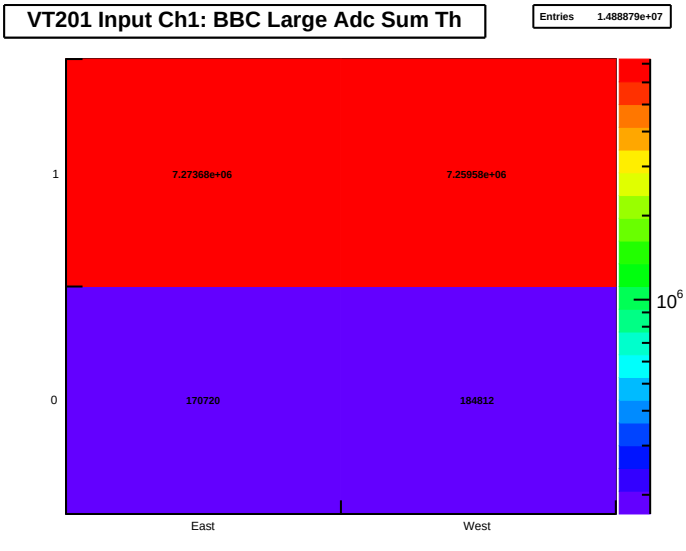

zdcAdcSumDiff
Entries 1.050542e+07
690
234
631960
247716
927300
797
158
913883
384323
1.34655e+06
613205
613381
613476
340687
418260
134905
668622
668827
668856
403299
600911
312771
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

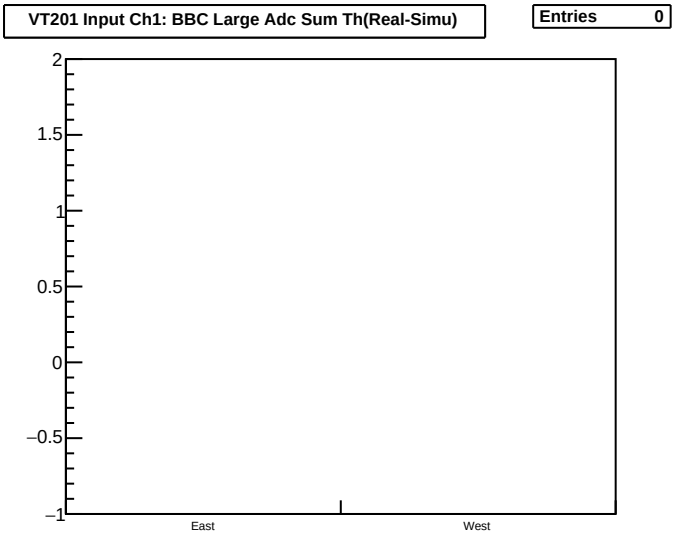

VT201 Input Ch0: BBC Small Tac Diff
Entries7444395
Tac


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

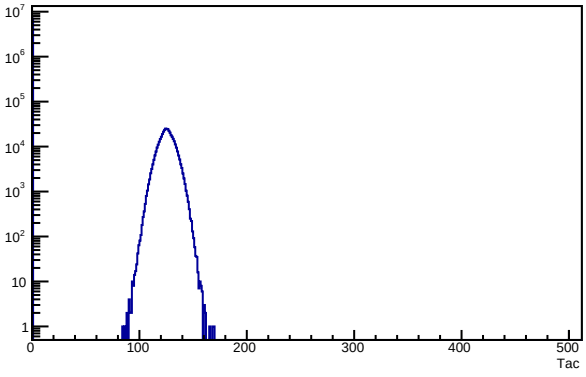

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.233318e+07
7.20026e+06
7.30529e+06
7.4444e+06
244131
139101
TAC-Sum
East
West


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

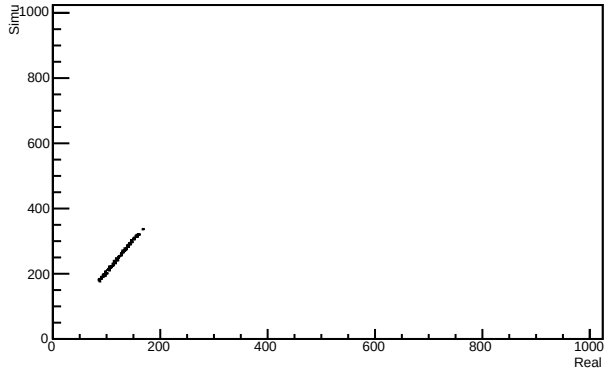

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.488879e+07
7.27368e+06
7.25958e+06
170720
184812
East
West


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

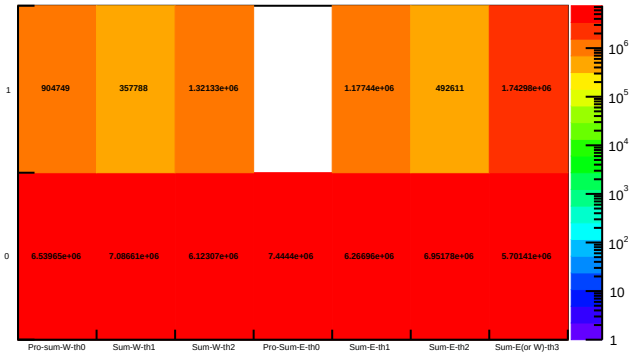
VT201 Input Ch2: ZDC Tac Diff



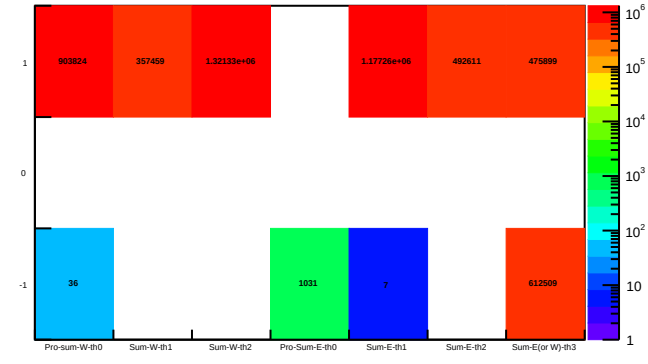
VT201 Input Ch2: ZDC Tac Diff



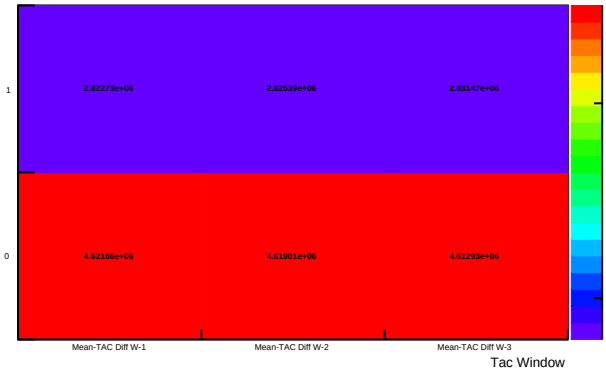
VT201 Input Ch2: ZDC Adc Sum Th



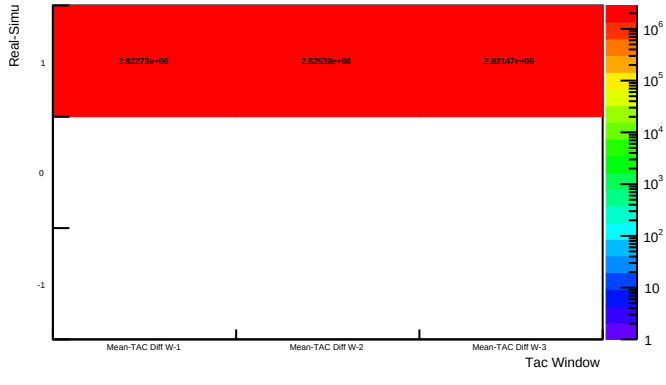
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



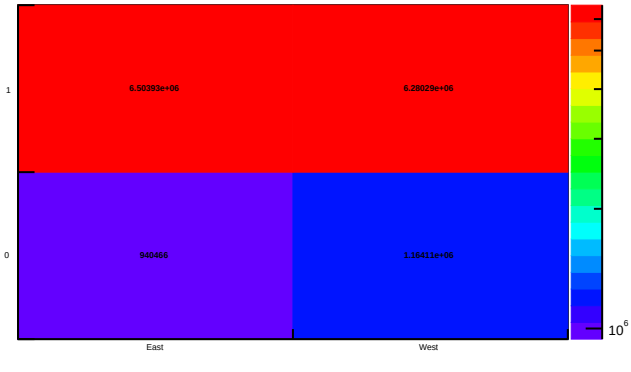
VT201 Input Ch4: VPD Tac Diff



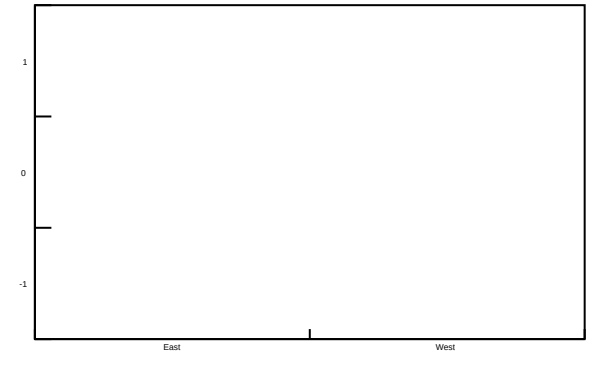
VT201 Input Ch4: VPD Tac Diff

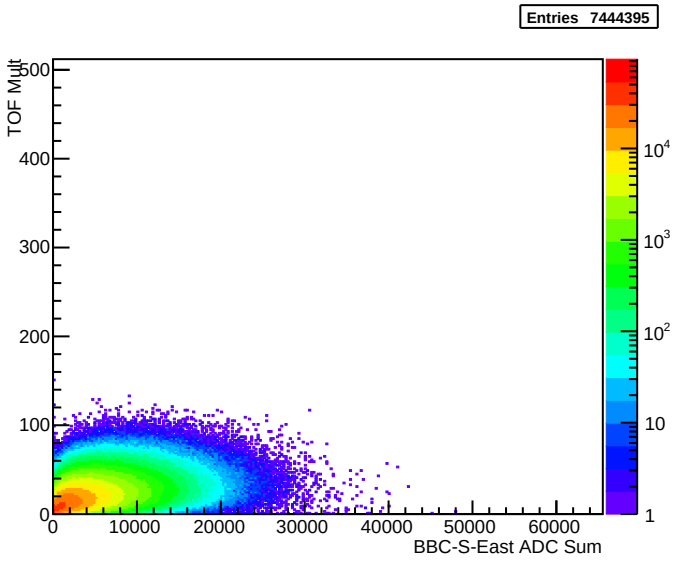


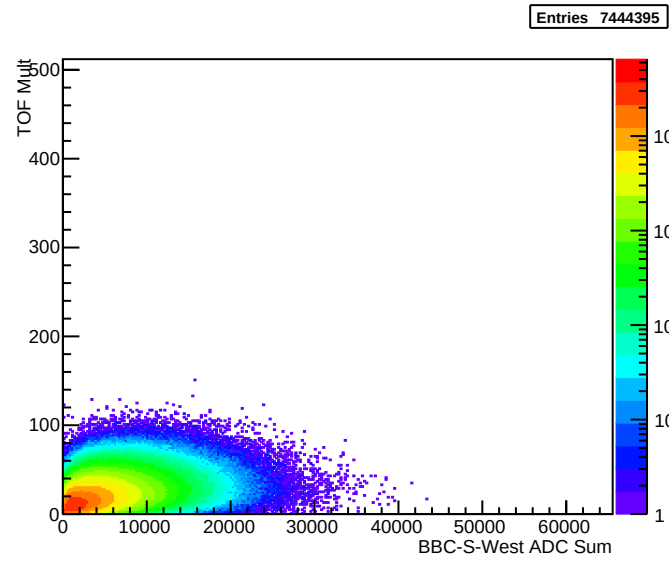
VT201 Input Ch4: VPD Adc Sum Th

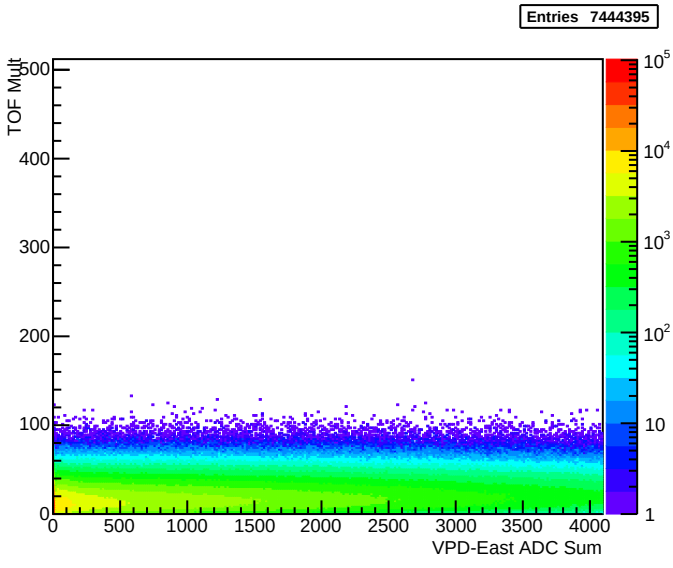


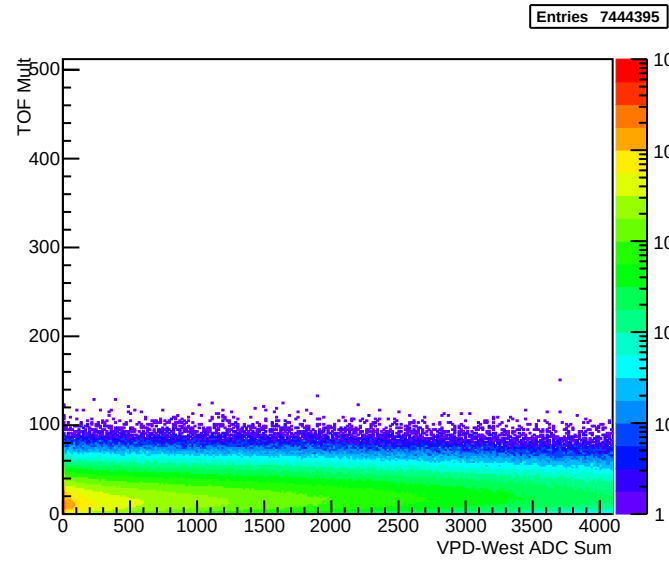
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

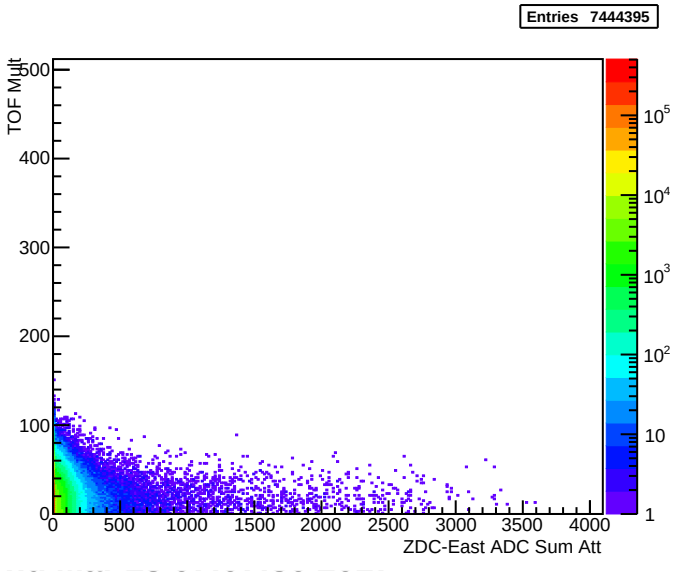


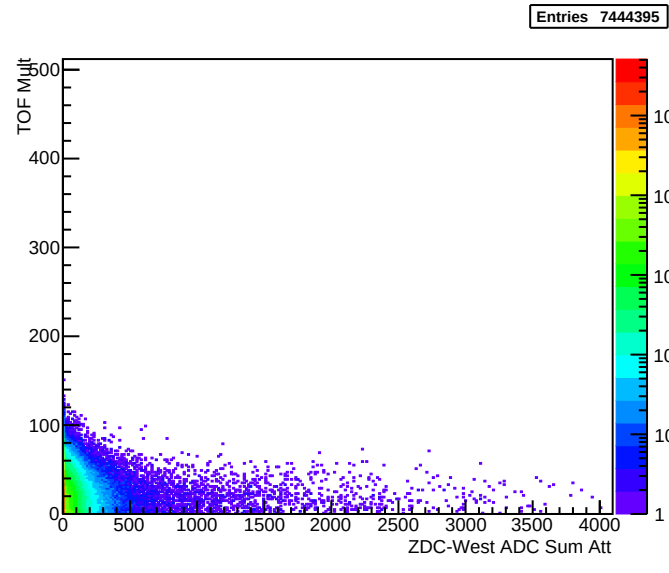

Entries 7444395
TOF Mult
BBC-S-East ADC Sum

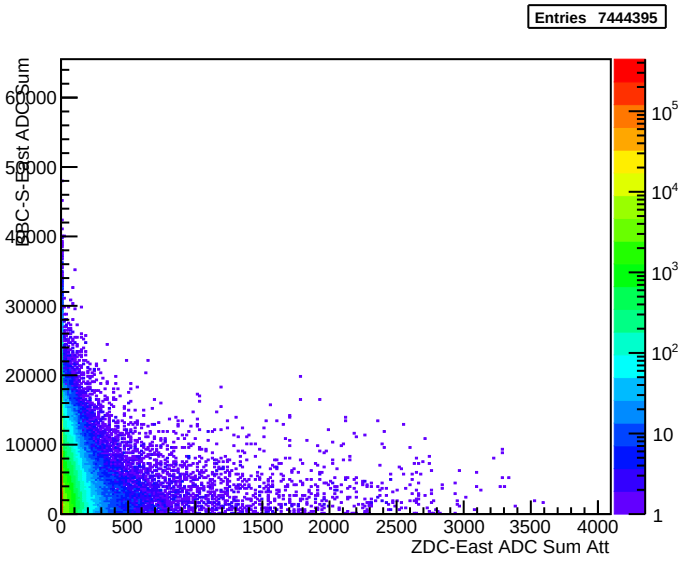

Entries 7444395
TOF Mult
BBC-S-West ADC Sum

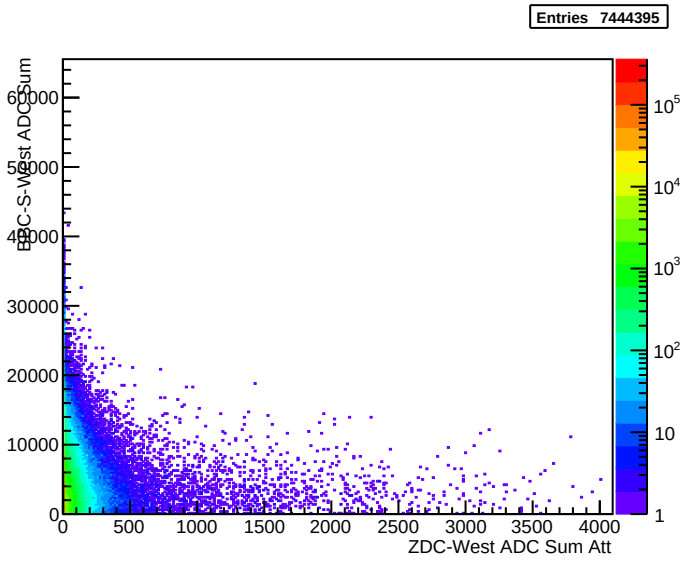

Entries 7444395
TOF Mult
VPD-East ADC Sum

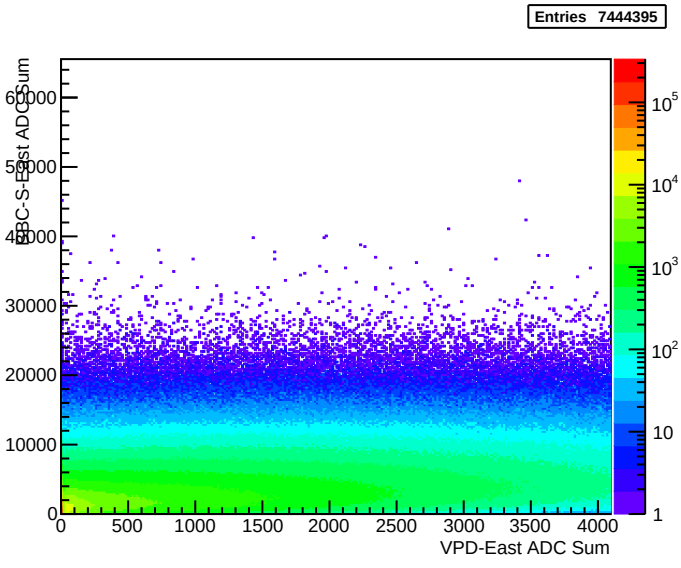

Entries 7444395
TOF Mult
VPD-West ADC Sum

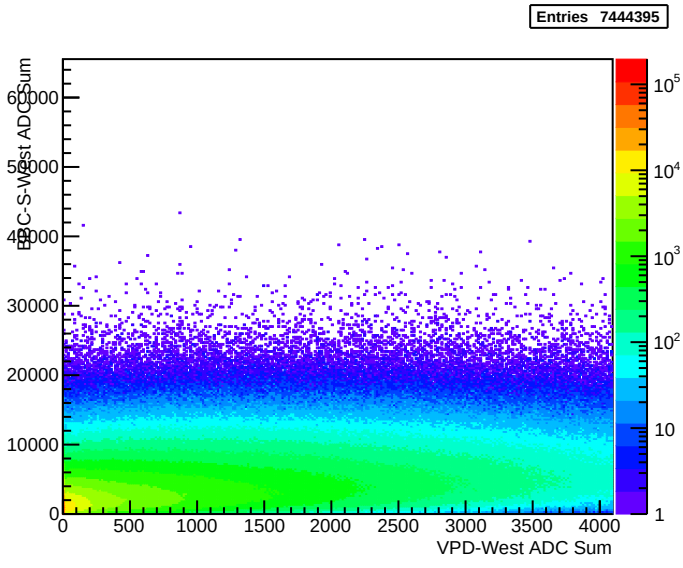

Entries 7444395
TOF Mult
ZDC-East ADC Sum Att

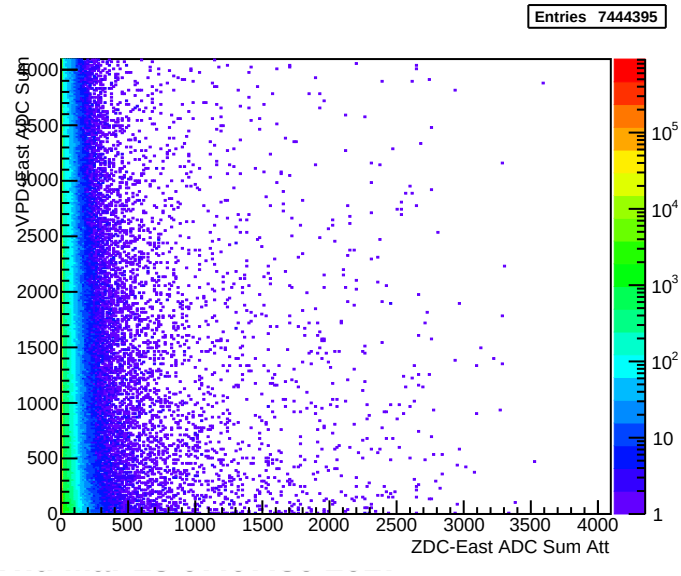

Entries 7444395
TOF Mult
ZDC-West ADC Sum Att

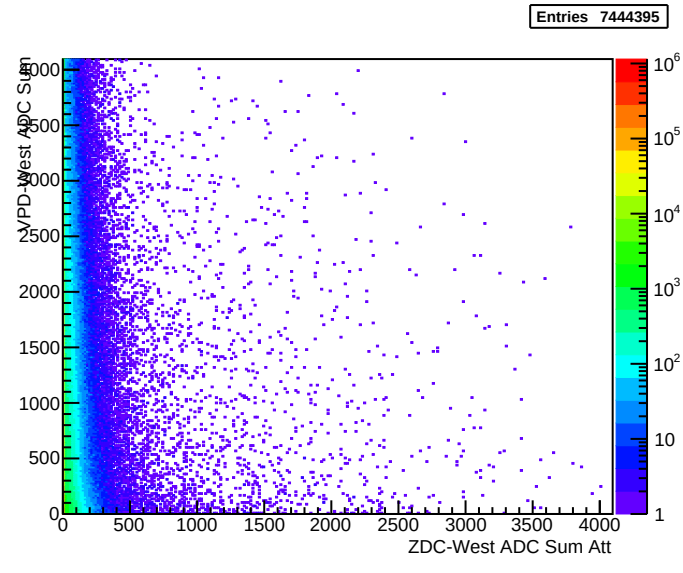

Entries 7444395
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

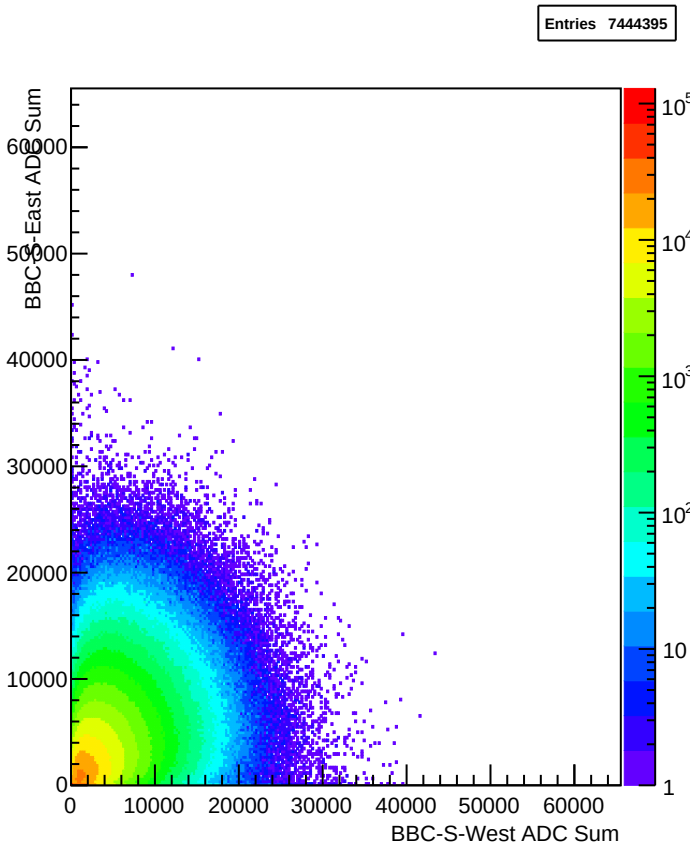

Entries 7444395
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

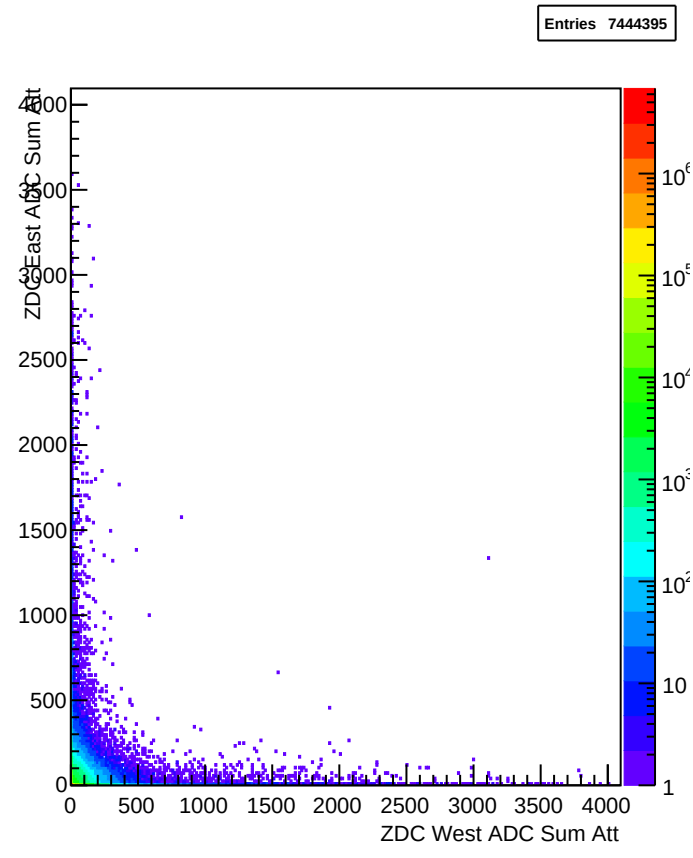

Entries 7444395
BBC-S-East ADC Sum
VPD-East ADC Sum

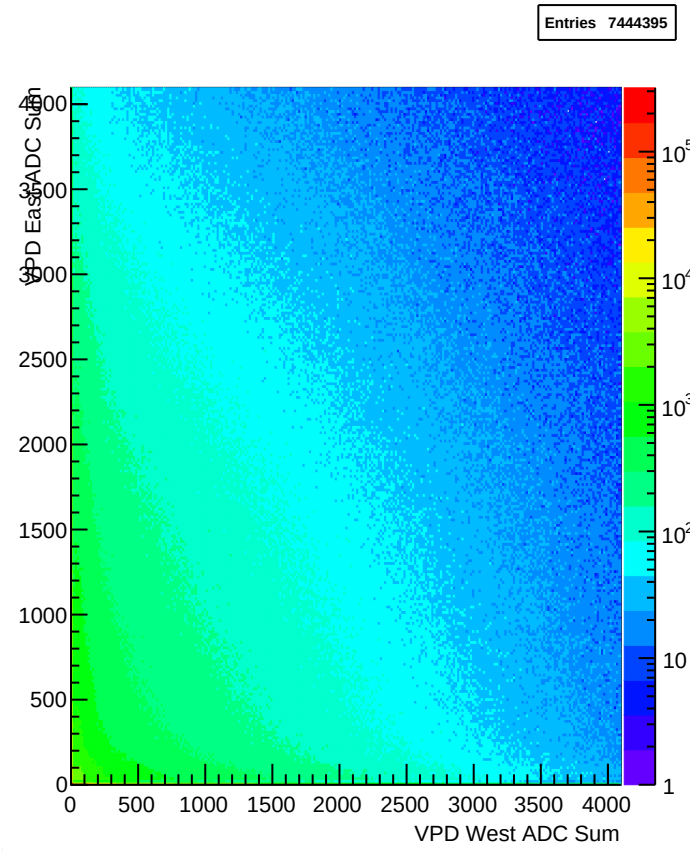

Entries 7444395
BBC-S-West ADC Sum
VPD-West ADC Sum

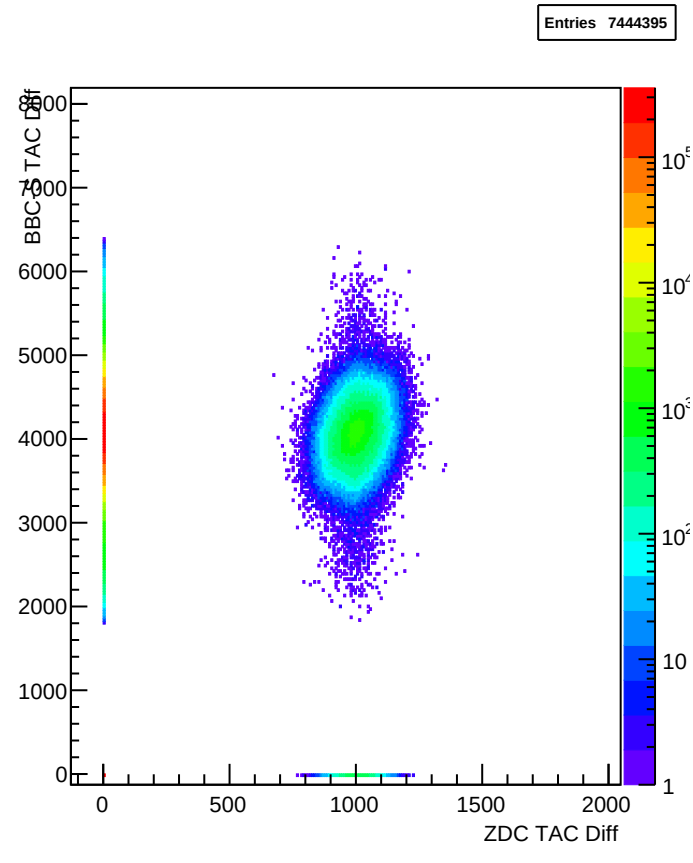

Entries 7444395
VPD-East ADC Sum
ZDC-East ADC Sum Att

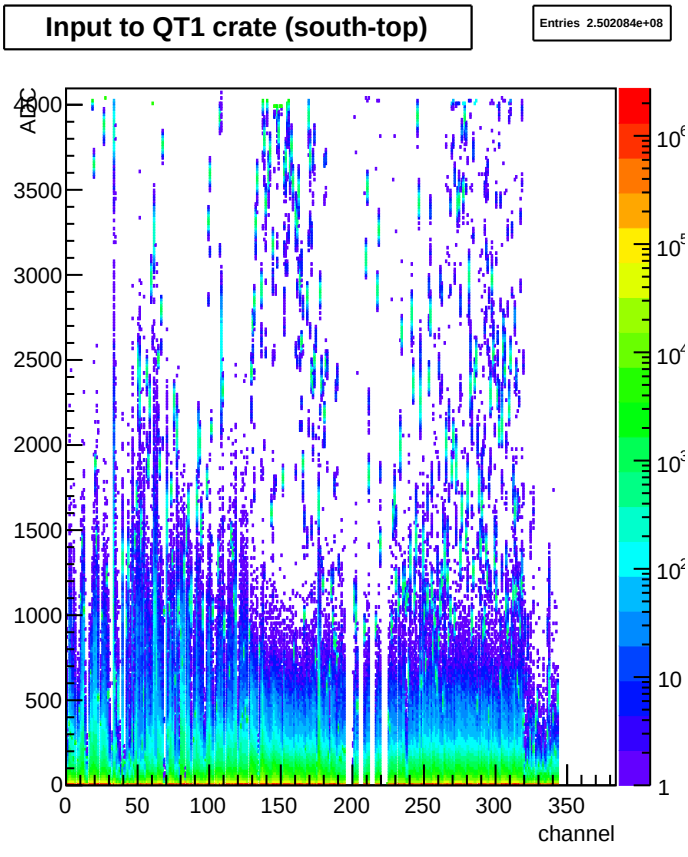

Entries 7444395
VPD-West ADC Sum
ZDC-West ADC Sum Att

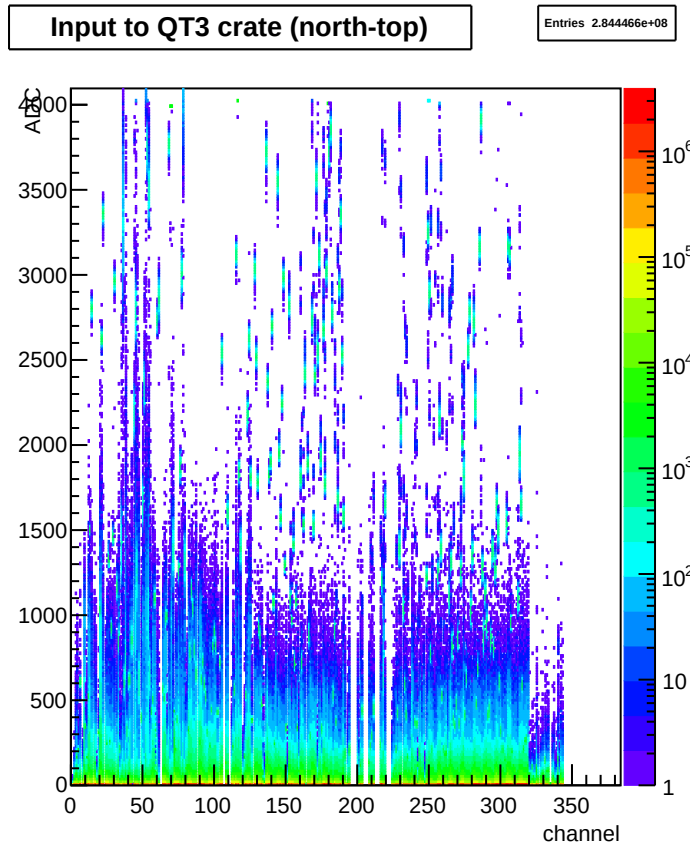

Entries 7444395
BBC-S-East ADC Sum
BBC-S-West ADC Sum

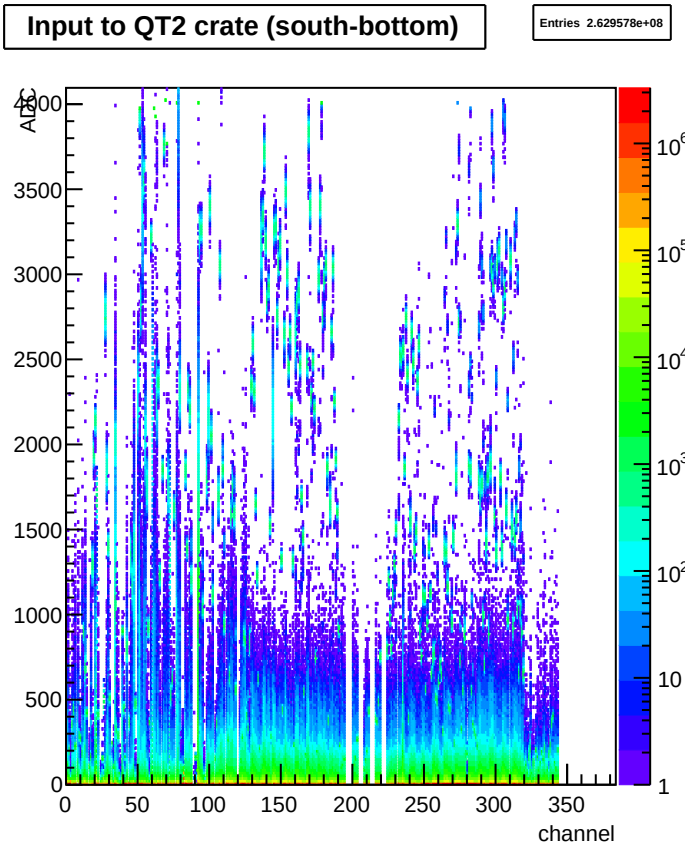

Entries 7444395
ZDC East ADC Sum Att
ZDC West ADC Sum Att

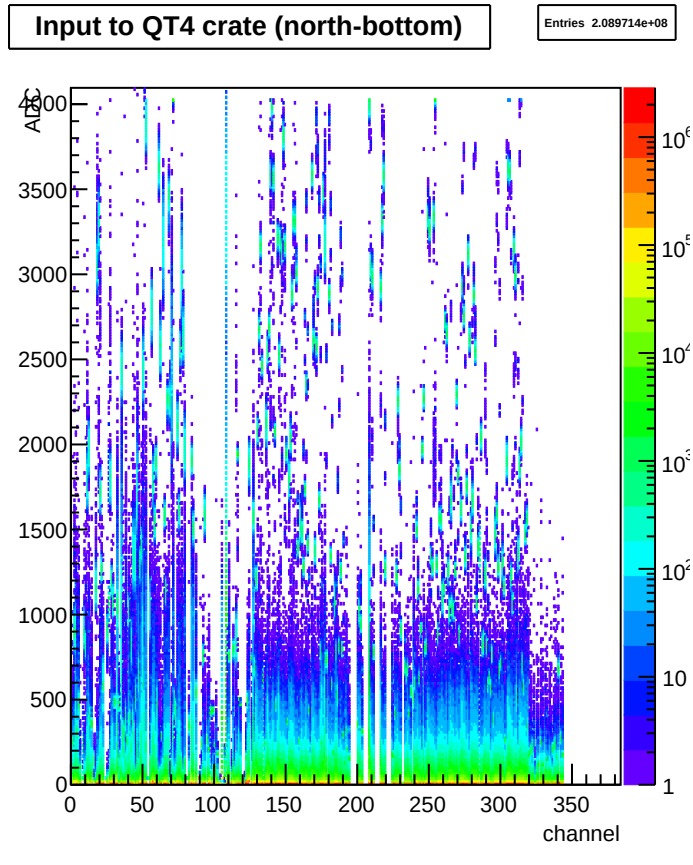

Entries 7444395
VPD East ADC Sum
VPD West ADC Sum

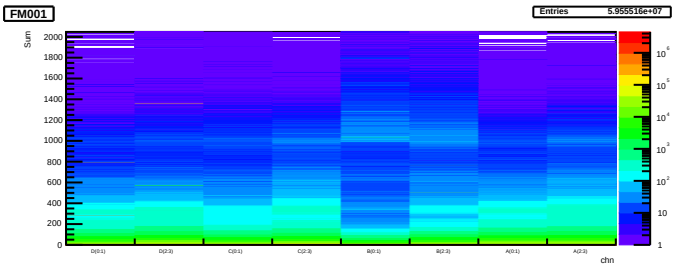

Entries 7444395
BBC-S TAC Diff
ZDC TAC Diff


Input to QT1 crate (south-top)
Entries 2.502084e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 2.844466e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 2.629578e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 2.089714e+08
ADC
channel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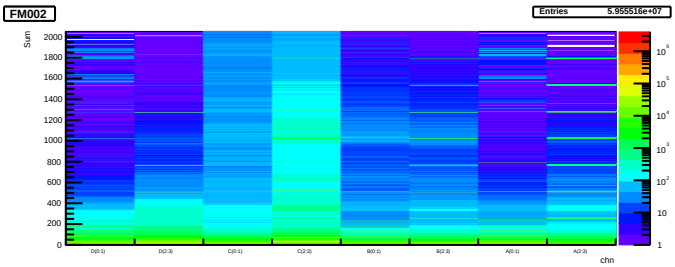
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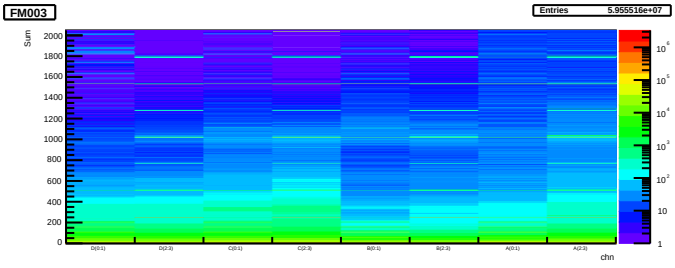
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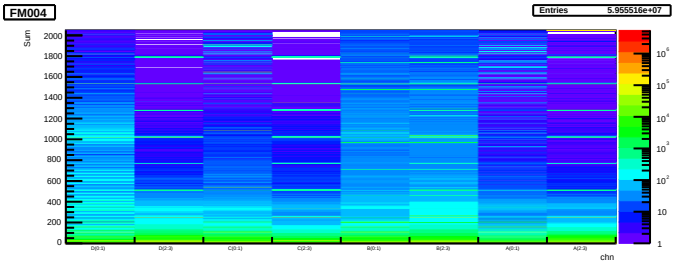
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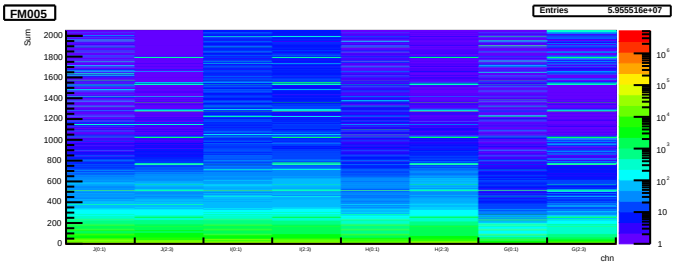
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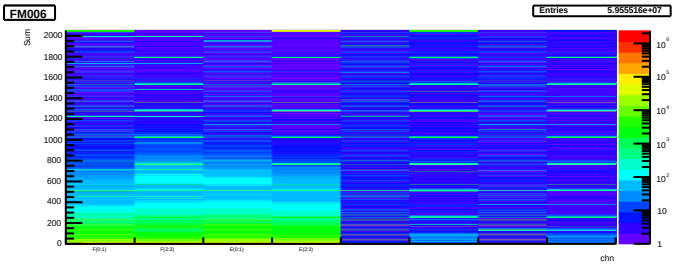
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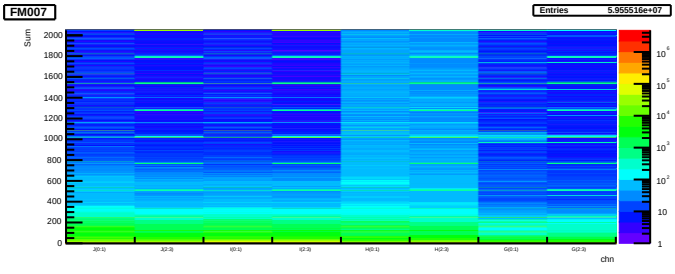
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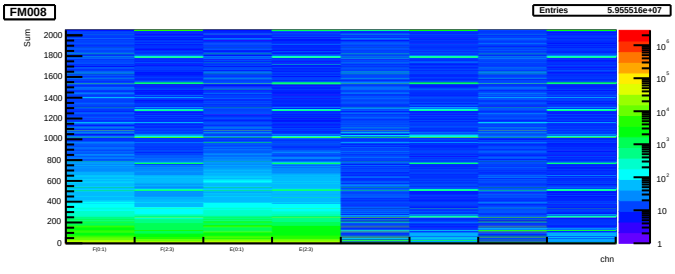
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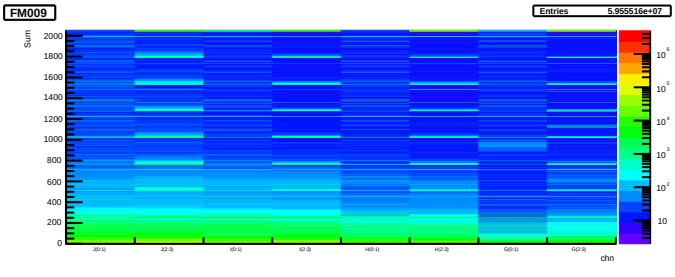
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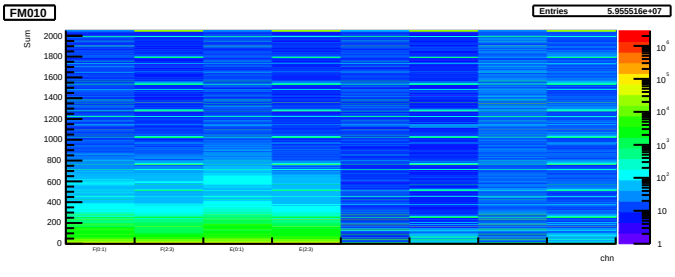
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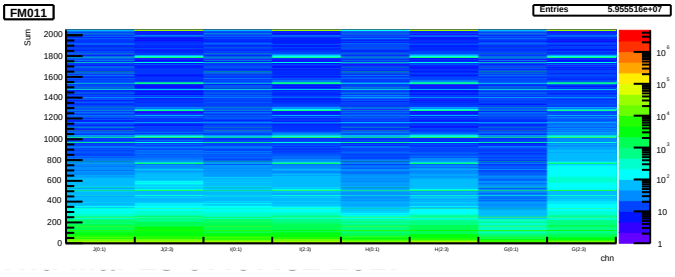
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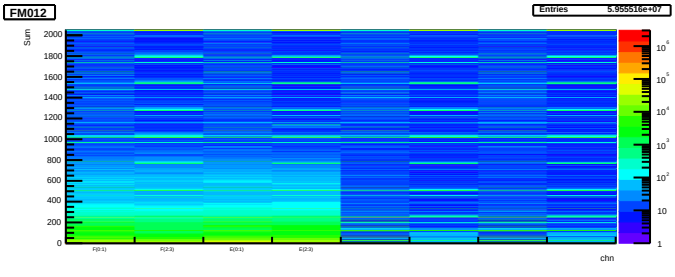
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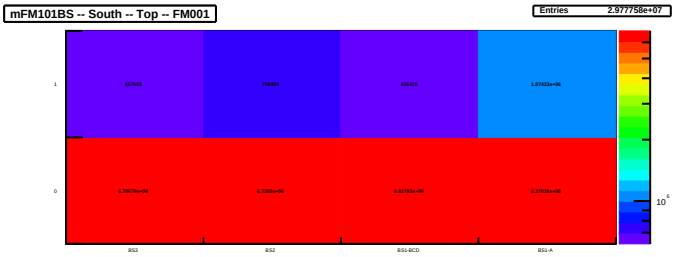
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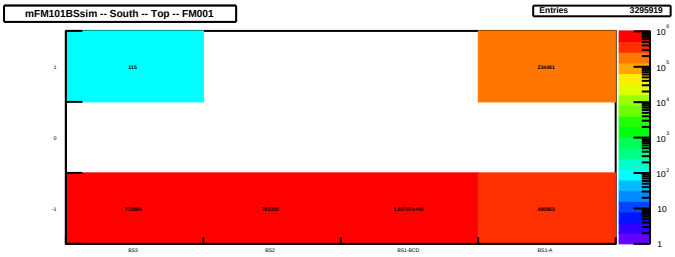
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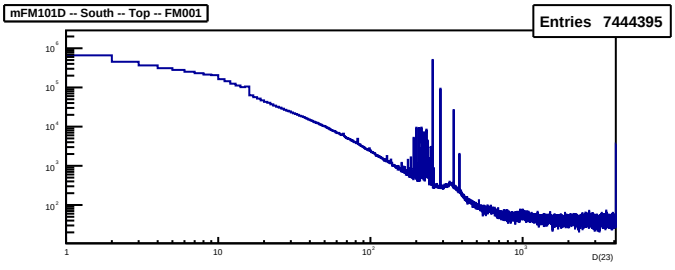
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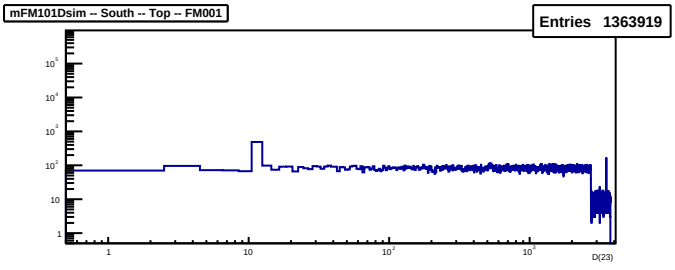
D(23)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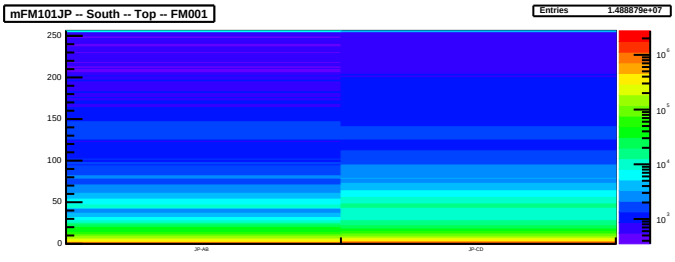
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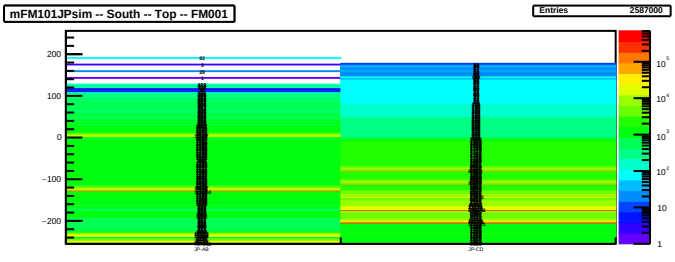
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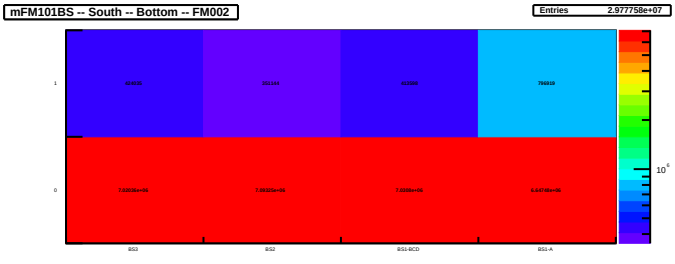
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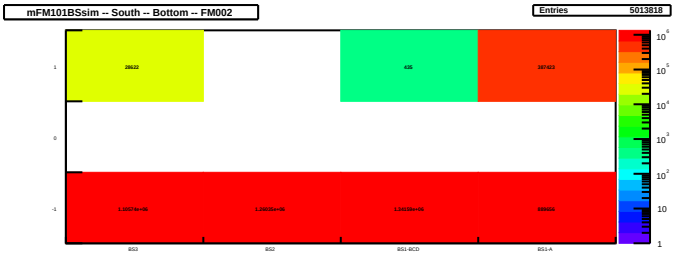
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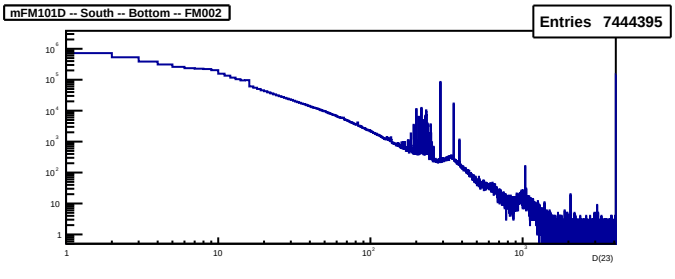
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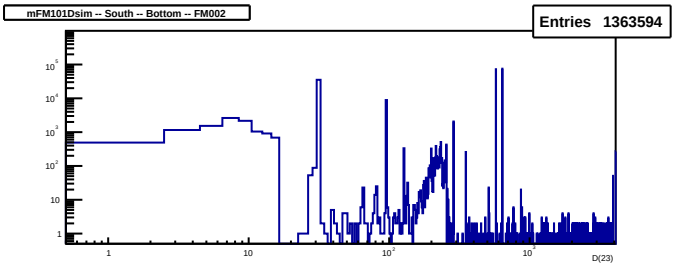
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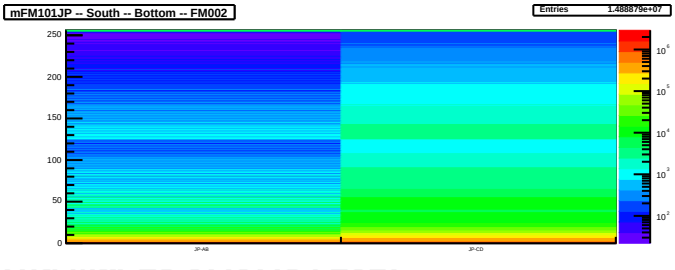
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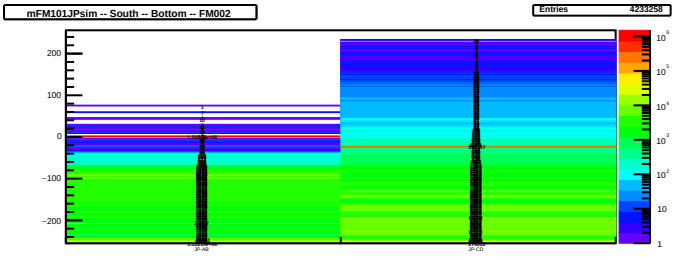
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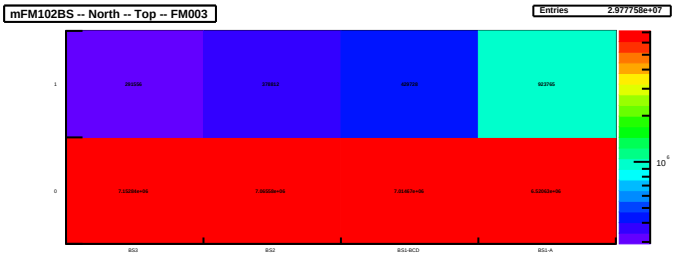
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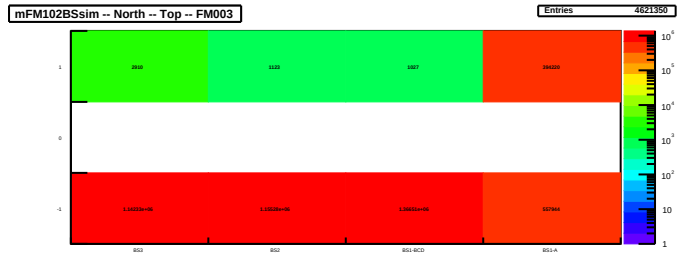
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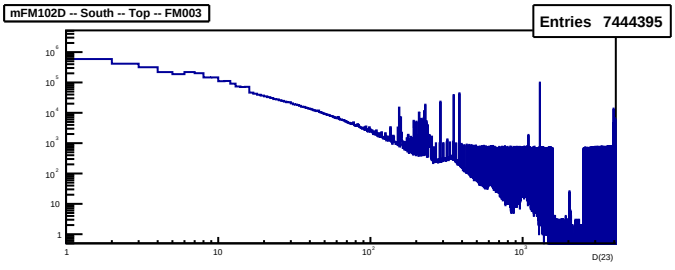
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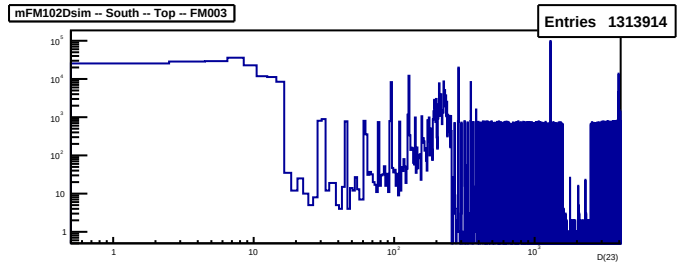
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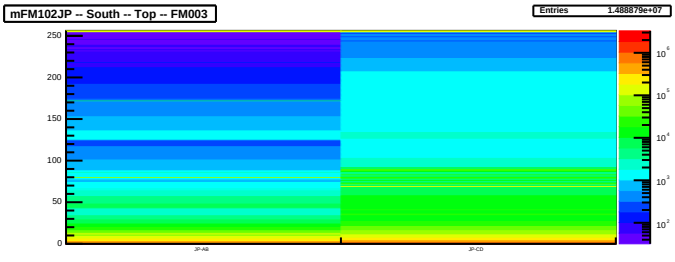
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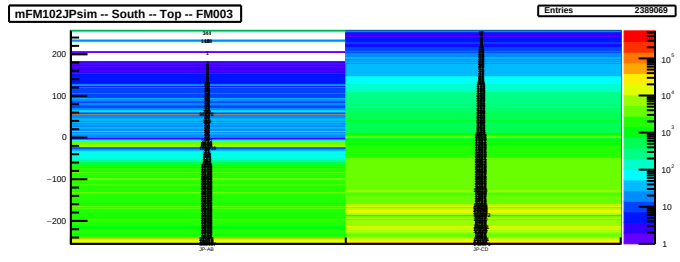
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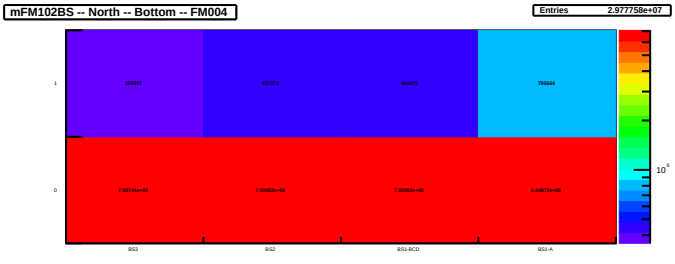
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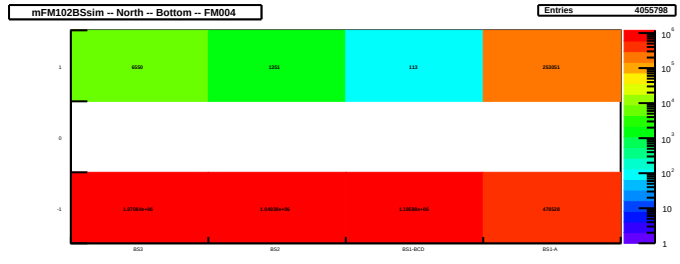
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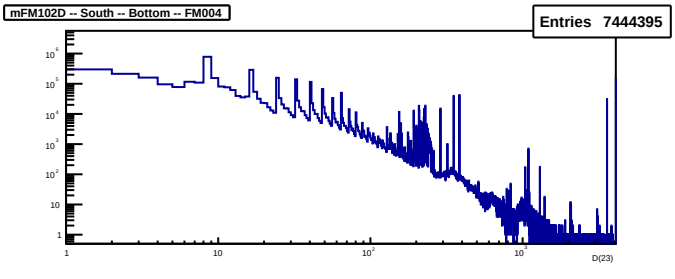
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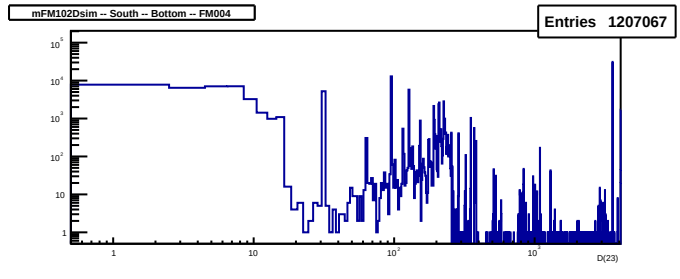
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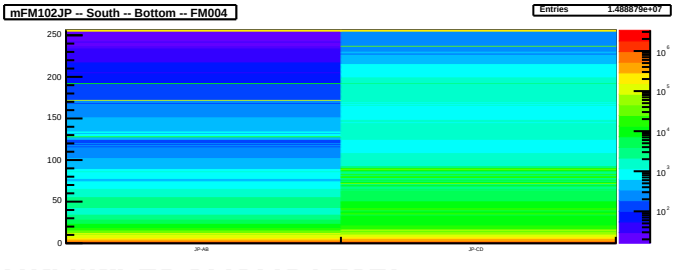
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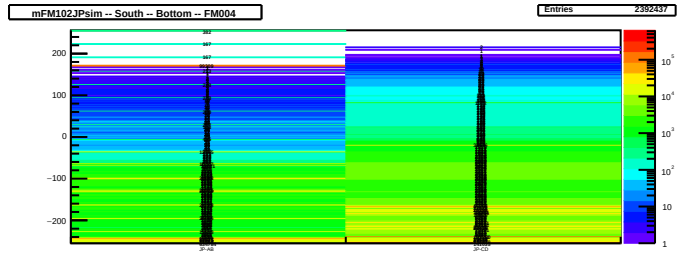
Entries 1.488879e+07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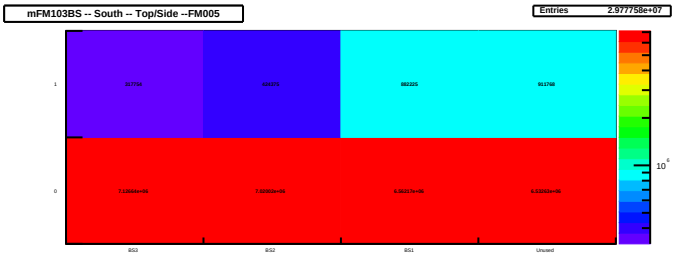
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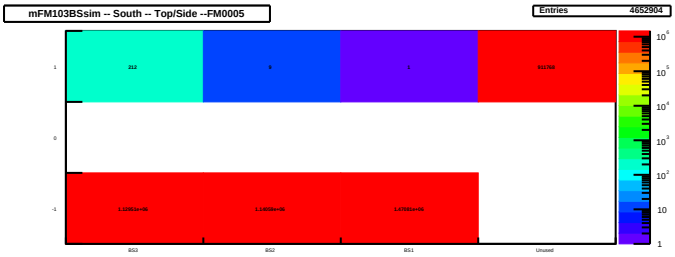
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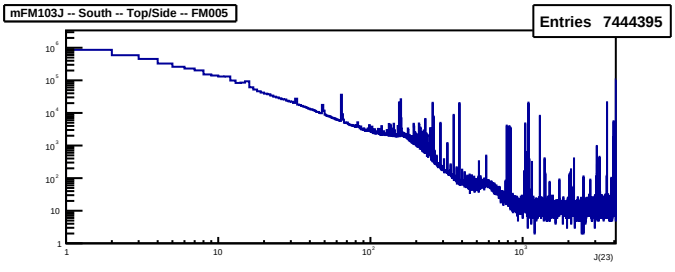
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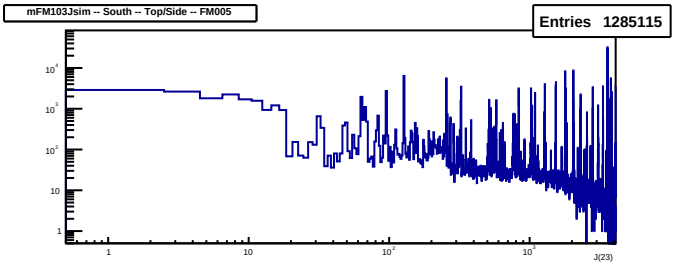
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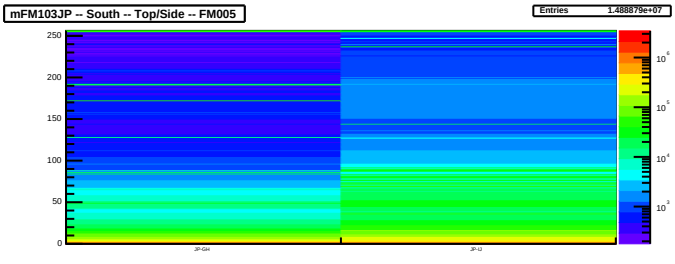
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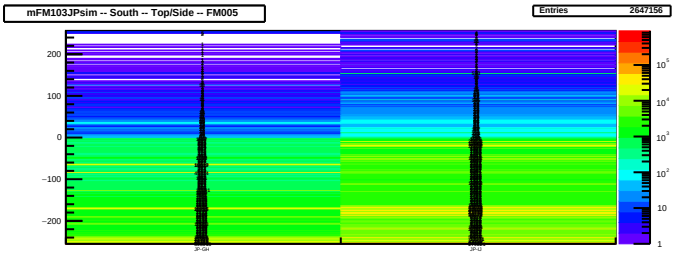
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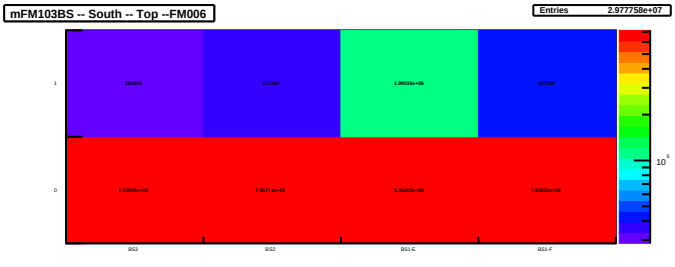
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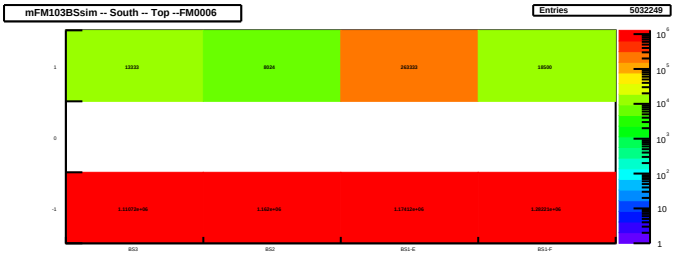
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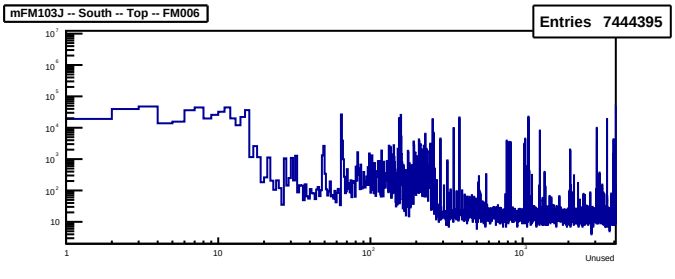
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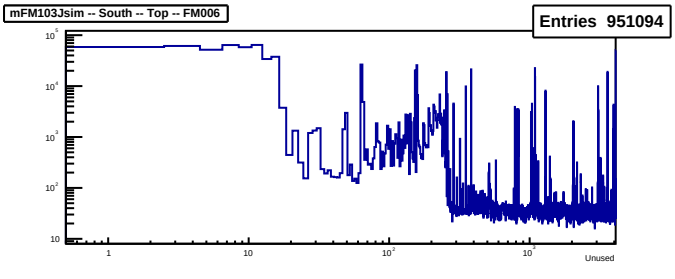
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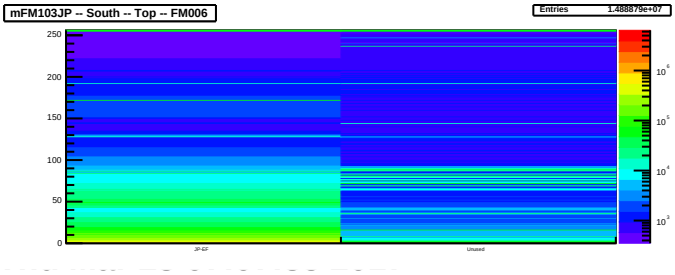
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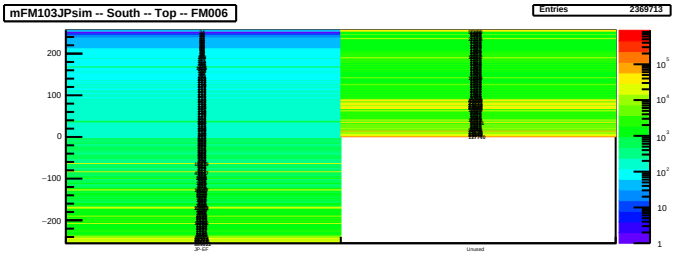
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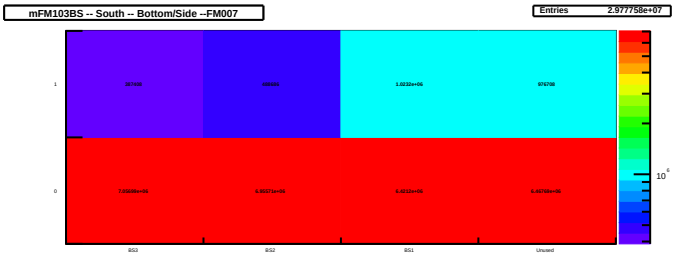
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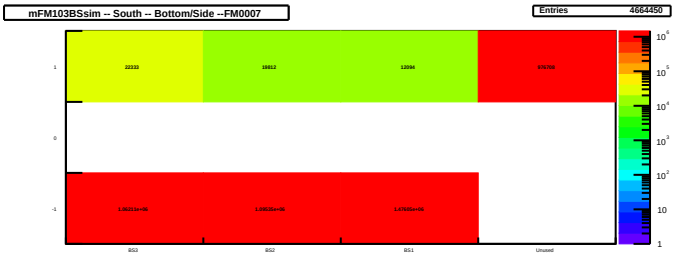
Entries 2.977758e+07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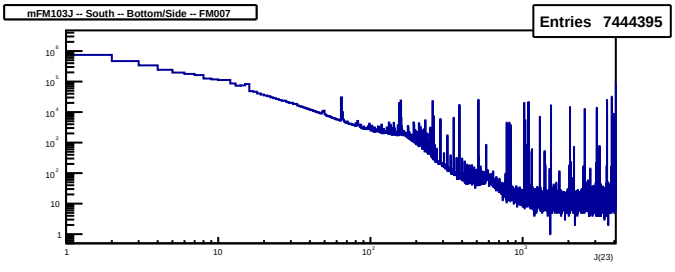
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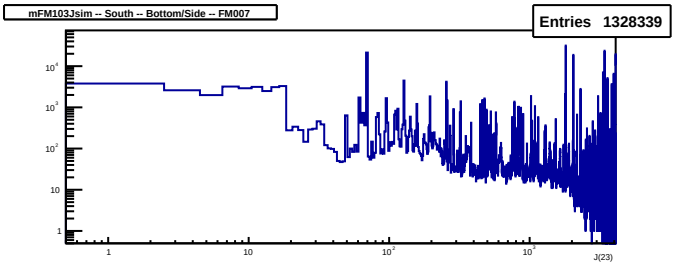
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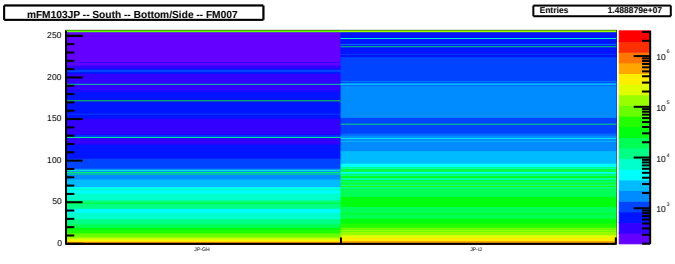
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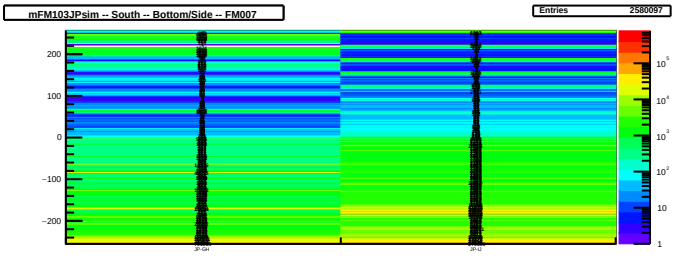
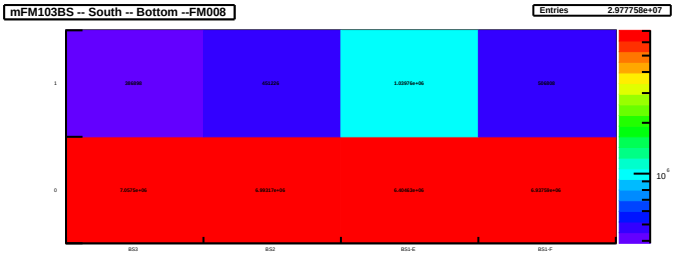
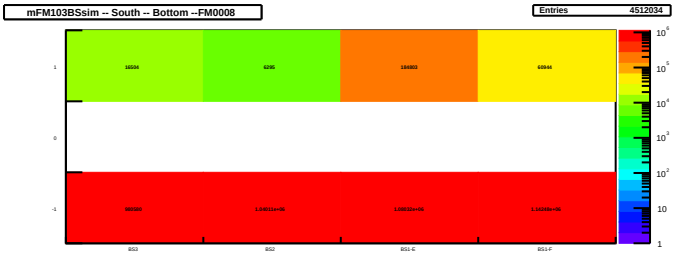
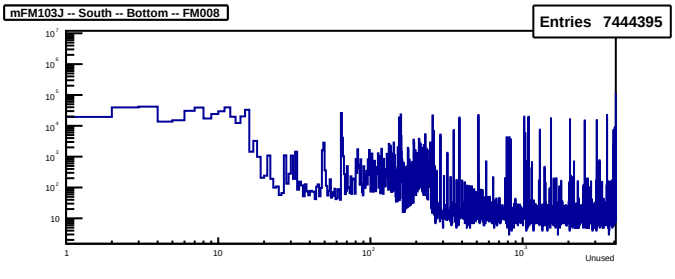
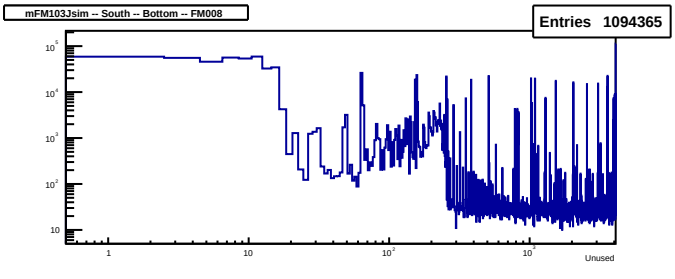
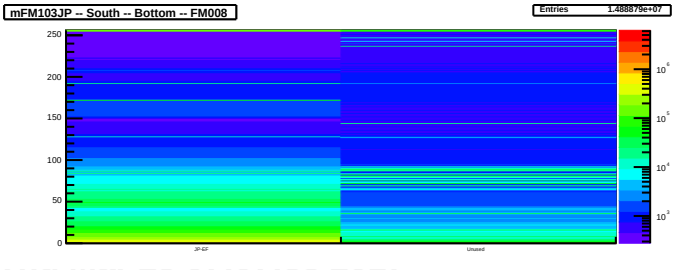

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2580097

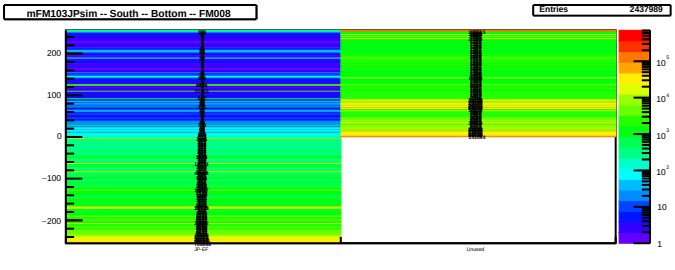

mFM103BS -- South -- Bottom --FM008
Entries 2.977758e+07

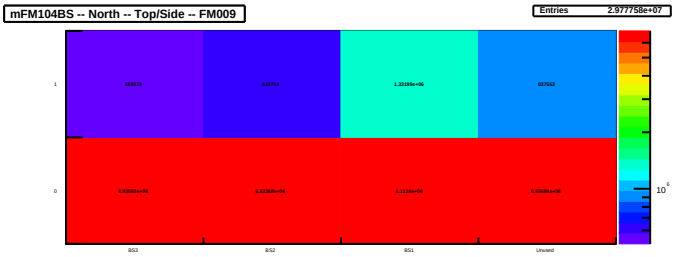

mFM103BSsim -- South -- Bottom --FM0008
Entries 4512034

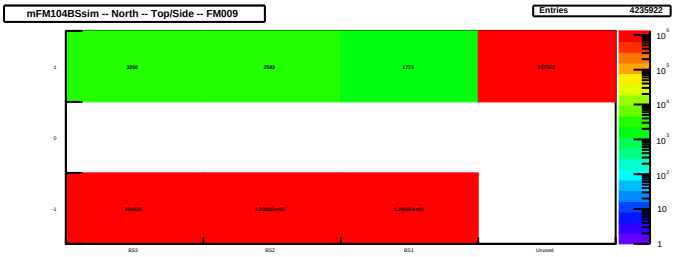

mFM103J -- South -- Bottom -- FM008
Entries 7444395
Unused

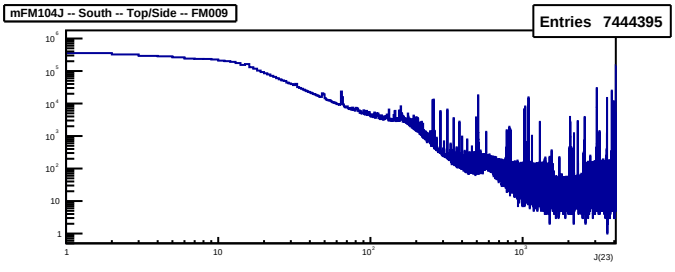

mFM103Jsim -- South -- Bottom -- FM008
Entries 1094365
Unused

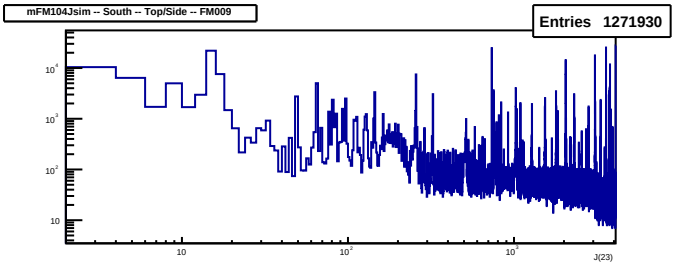

mFM103JP -- South -- Bottom -- FM008
Entries 1.488879e+07

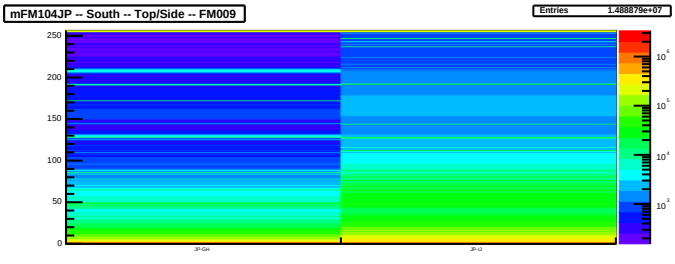

mFM103JPsim -- South -- Bottom -- FM008
Entries 2437989

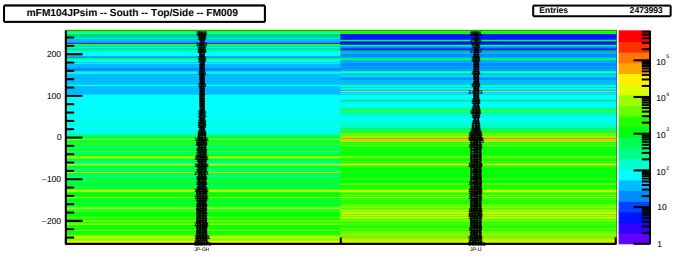

mFM104BS -- North -- Top/Side -- FM009
Entries 2.977758e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4235922


mFM104J -- South -- Top/Side -- FM009
Entries 7444395
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1271930
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.488879e+07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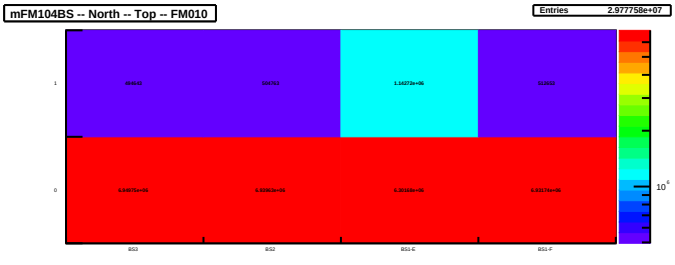
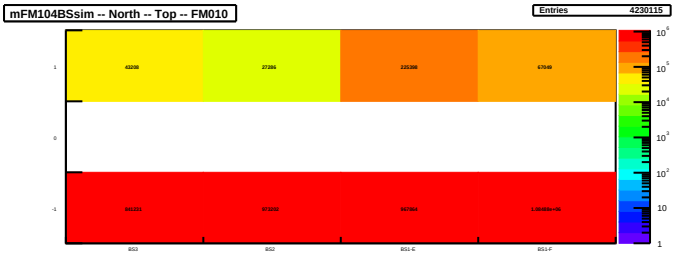
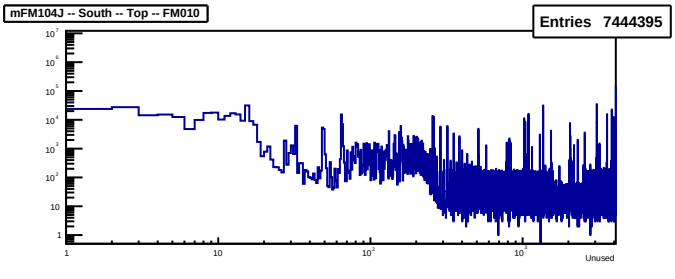
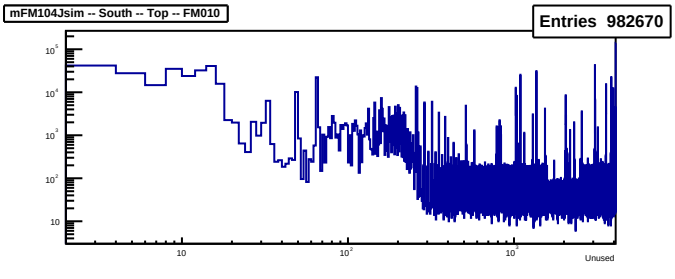
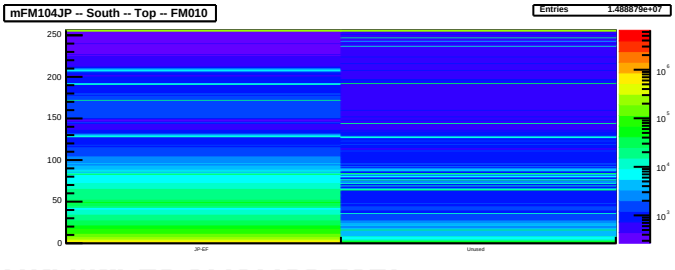
Entries 2473993

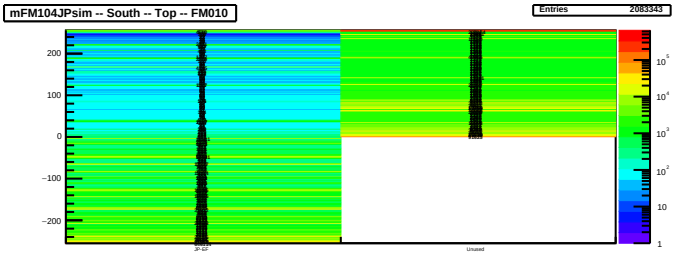

mFM104BS -- North -- Top -- FM010
Entries 2.977758e+07

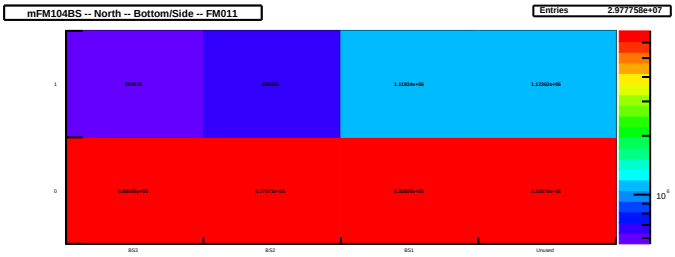

mFM104BSsim -- North -- Top -- FM010
Entries 4230115

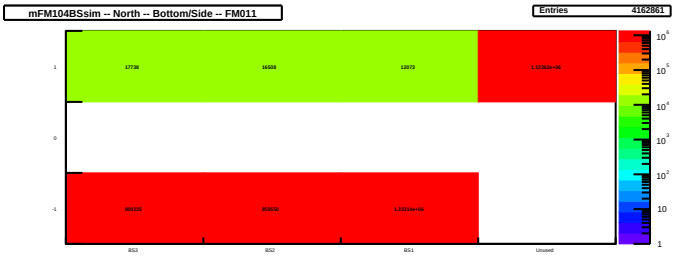

mFM104J -- South -- Top -- FM010
Entries 7444395
Unused

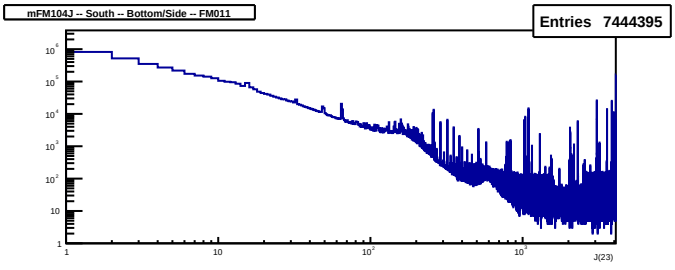

mFM104Jsim -- South -- Top -- FM010
Entries 982670
Unused

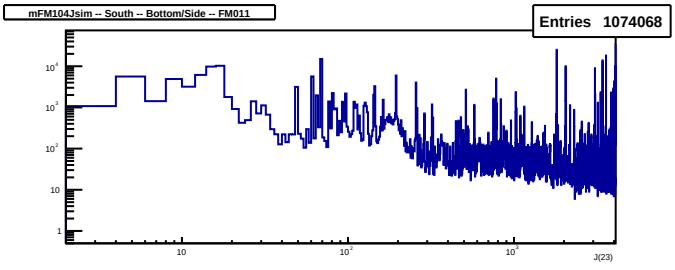

mFM104JP -- South -- Top -- FM010
Entries 1.488879e+07

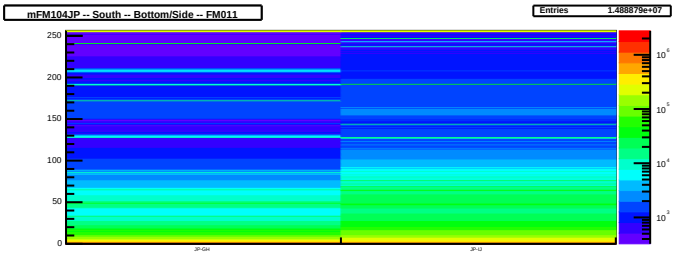

mFM104JPsim -- South -- Top -- FM010
Entries 2083343

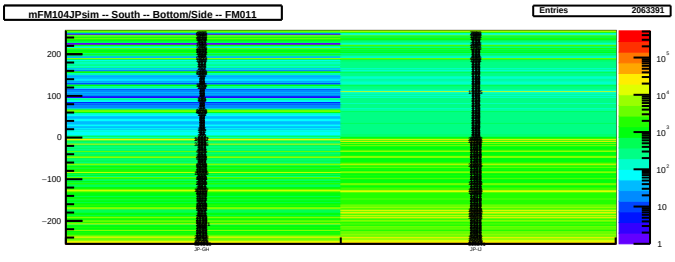

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.977758e+07

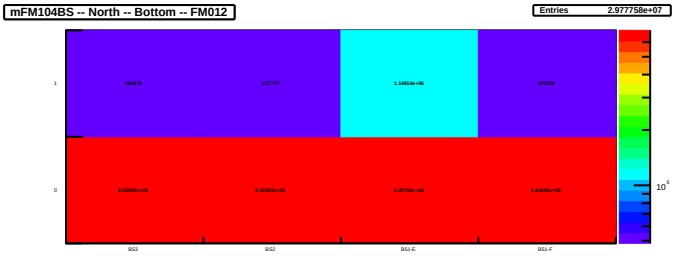

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4162861

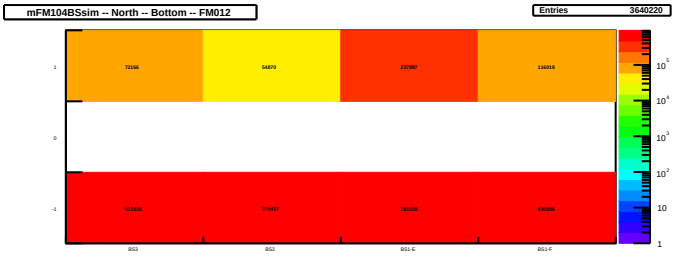

mFM104J -- South -- Bottom/Side -- FM011
Entries 7444395
J(23)

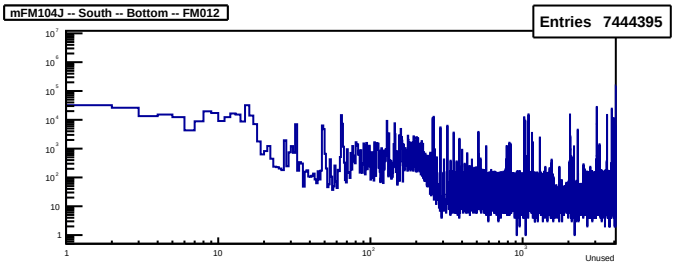

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1074068
J(23)

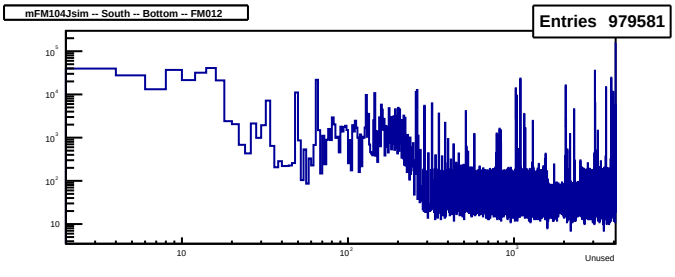

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.488879e+07

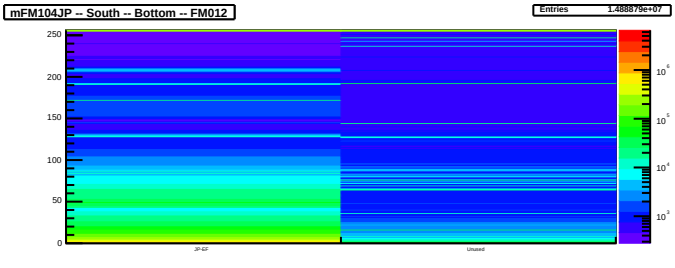

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2063391

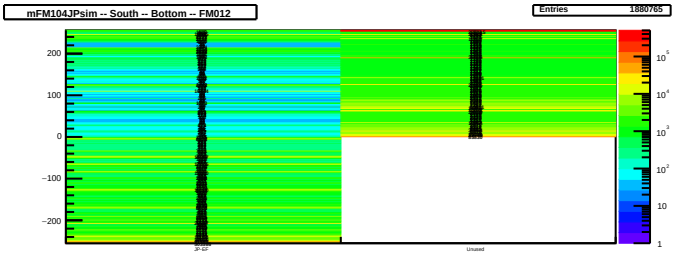

mFM104BS -- North -- Bottom -- FM012
Entries 2.977758e+07

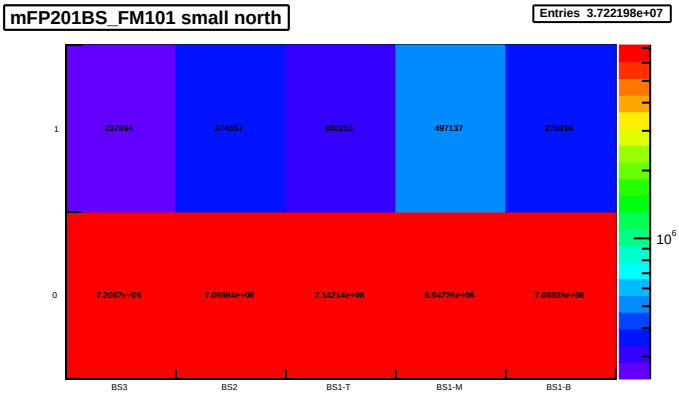

mFM104BSsim -- North -- Bottom -- FM012
Entries 3640220

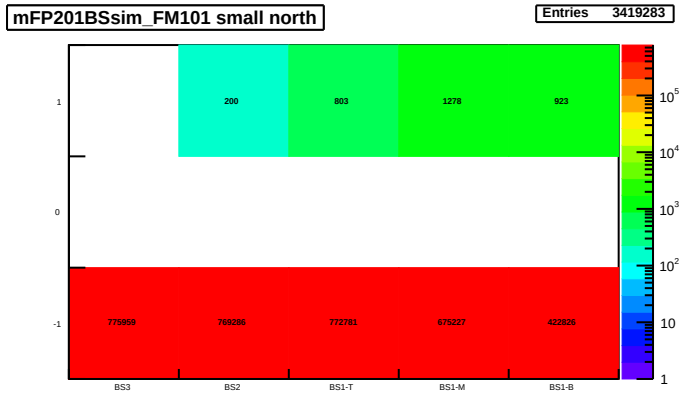

mFM104J -- South -- Bottom -- FM012
Entries 7444395
Unused

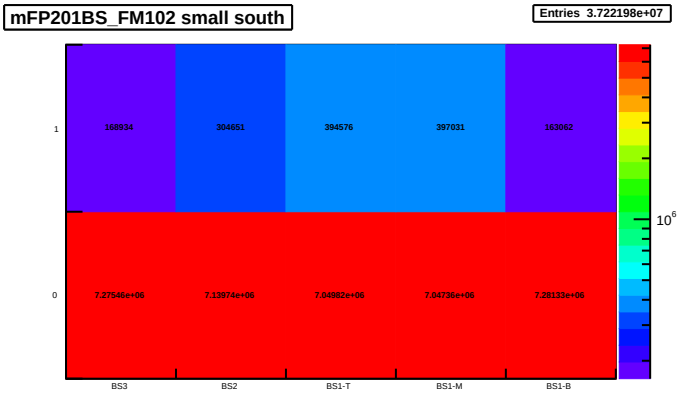

mFM104Jsim -- South -- Bottom -- FM012
Entries 979581
Unused

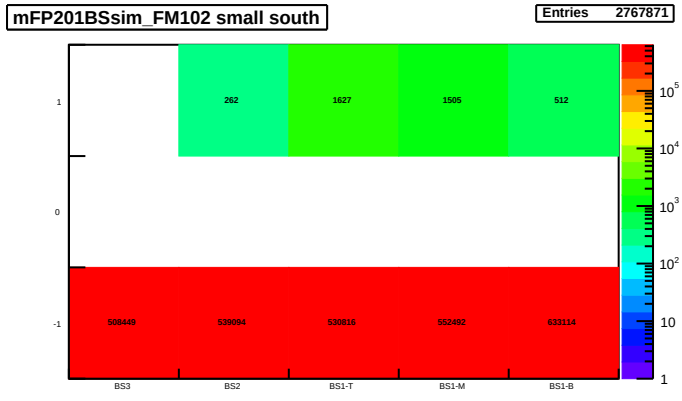

mFM104JP -- South -- Bottom -- FM012
Entries 1.488879e+07

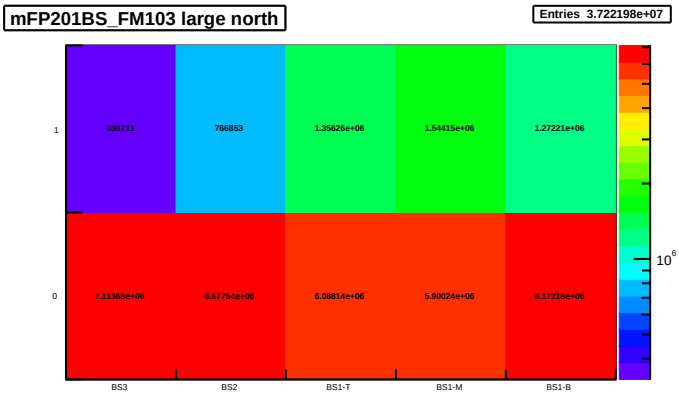

mFM104JPsim -- South -- Bottom -- FM012
Entries 1880765

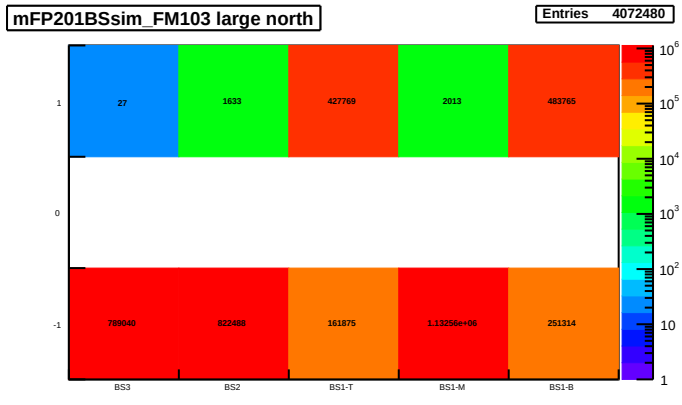

mFP201BS_FM101 small north
Entries 3.722198e+07
237694
374557
302253
497137
375016
7.2067e+06
7.06984e+06
7.14214e+06
6.94726e+06
7.06938e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

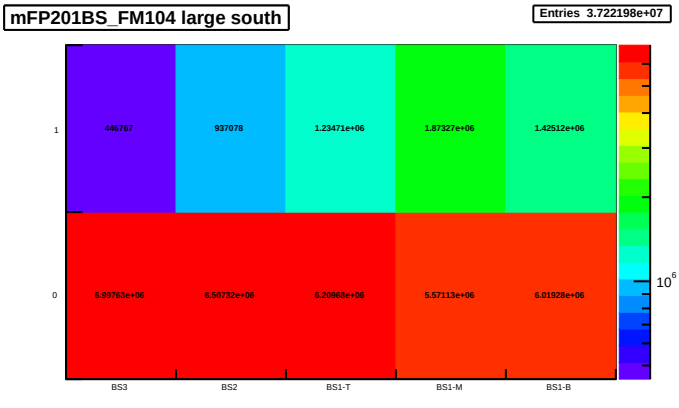

mFP201BSsim_FM101 small north
Entries 3419283
200
803
1278
923
775959
769286
772781
675227
422826
BS3
BS2
BS1-T
BS1-M
BS1-B

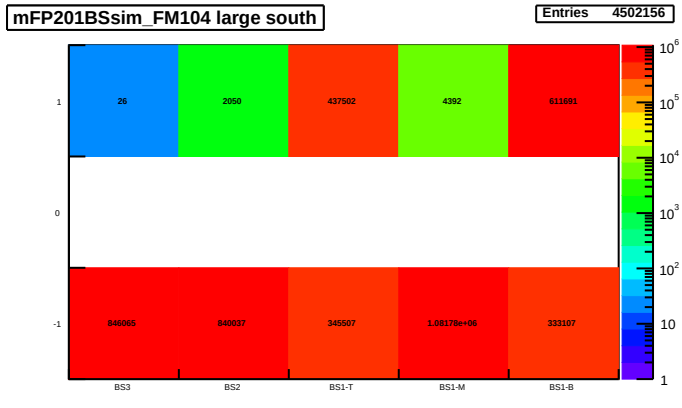

mFP201BS_FM102 small south
Entries 3.722198e+07
168934
304651
394576
397031
163062
7.27546e+06
7.13974e+06
7.04982e+06
7.04736e+06
7.28133e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

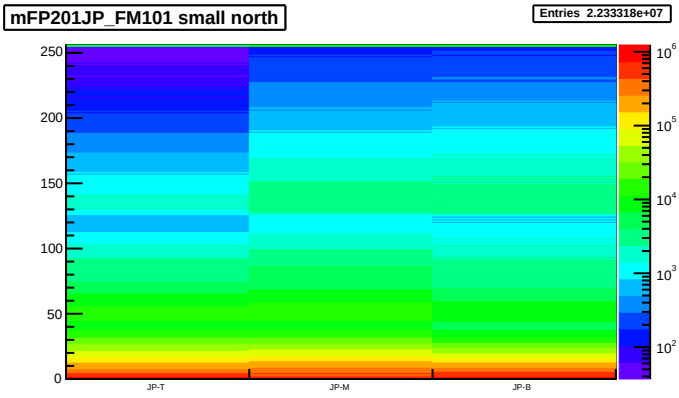

mFP201BSsim_FM102 small south
Entries 2767871
262
1627
1505
512
508449
539094
530816
552492
633114
BS3
BS2
BS1-T
BS1-M
BS1-B

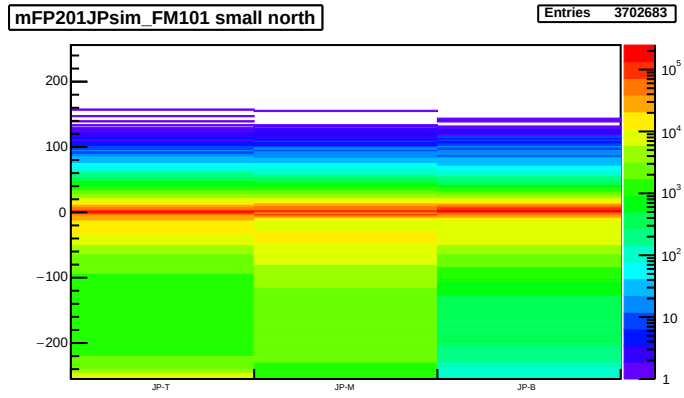

mFP201BS_FM103 large north
Entries 3.722198e+07
330711
766853
1.35626e+06
1.54415e+06
1.27221e+06
7.11368e+06
6.67754e+06
6.08814e+06
5.90024e+06
6.17218e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

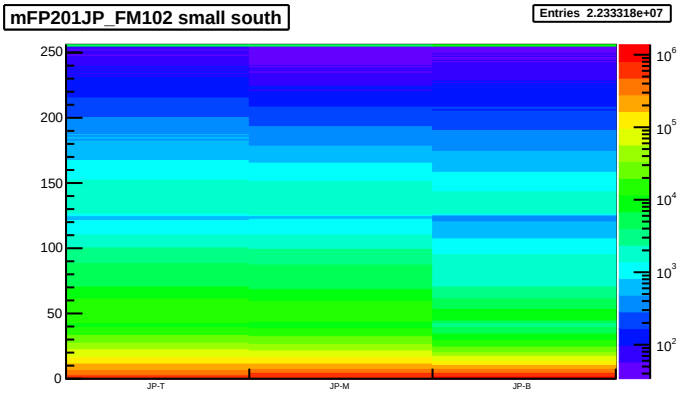

mFP201BSsim_FM103 large north
Entries 4072480
27
1633
427769
2013
483765
789040
822488
161875
1.13256e+06
251314
BS3
BS2
BS1-T
BS1-M
BS1-B

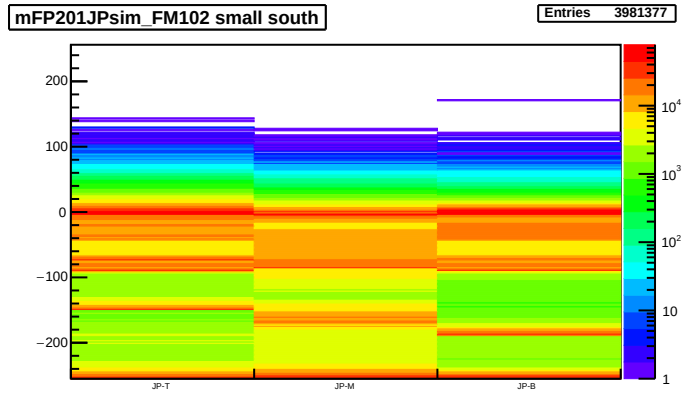

mFP201BS_FM104 large south
Entries 3.722198e+07
446767
937078
1.23471e+06
1.87327e+06
1.42512e+06
6.99763e+06
6.50732e+06
6.20968e+06
5.57113e+06
6.01928e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

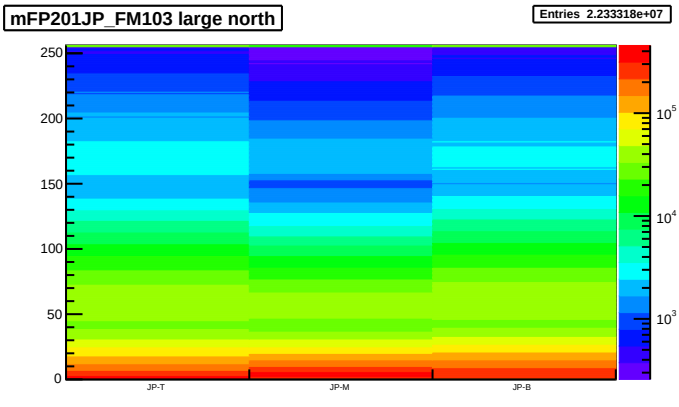

mFP201BSsim_FM104 large south
Entries 4502156
26
2050
437502
4392
611691
846065
840037
345507
1.08178e+06
333107
BS3
BS2
BS1-T
BS1-M
BS1-B

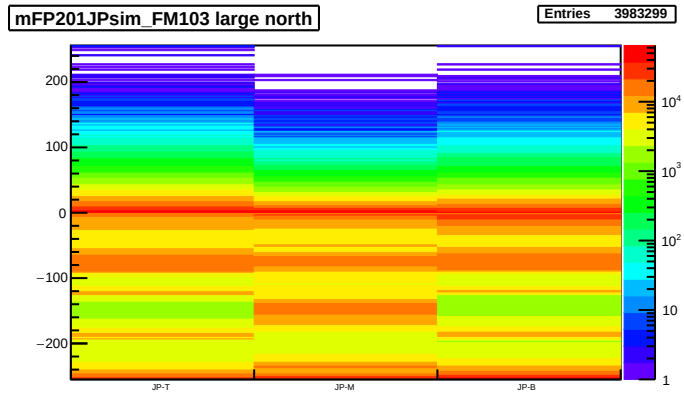

mFP201JP_FM101 small north
Entries 2.233318e+07
JP-T
JP-M
JP-B

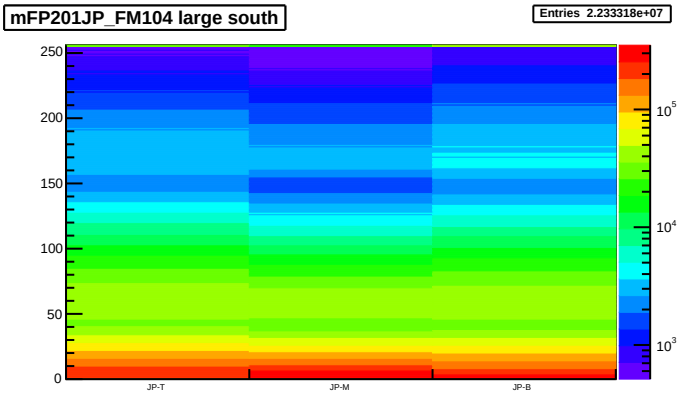

mFP201JPsim_FM101 small north
Entries 3702683
JP-T
JP-M
JP-B

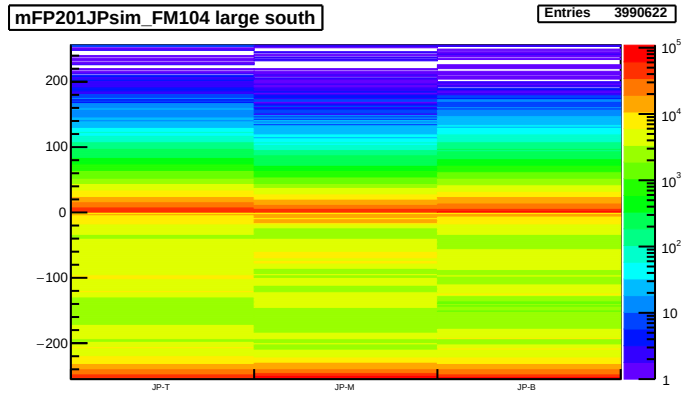

mFP201JP_FM102 small south
Entries 2.233318e+07
JP-T
JP-M
JP-B

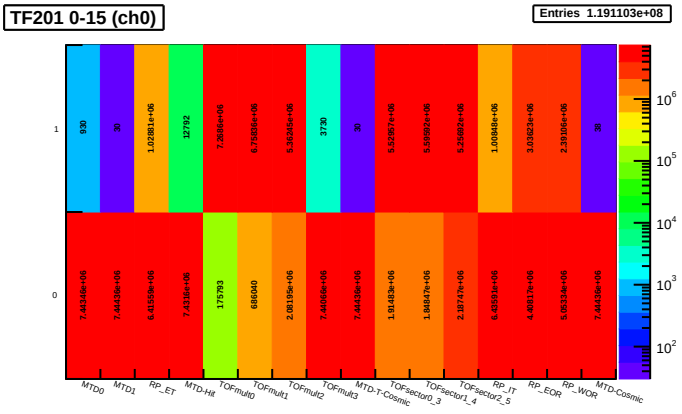

mFP201JPsim_FM102 small south
Entries 3981377
JP-T
JP-M
JP-B

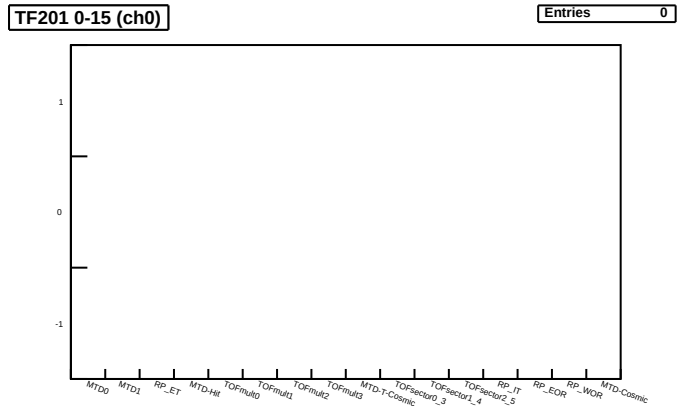

mFP201JP_FM103 large north
Entries 2.233318e+07
JP-T
JP-M
JP-B

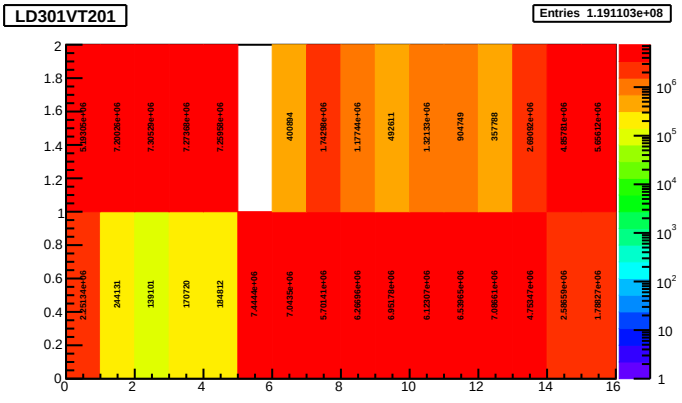

mFP201JPsim_FM103 large north
Entries 3983299
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 2.233318e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 3990622
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.191103e+08
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 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic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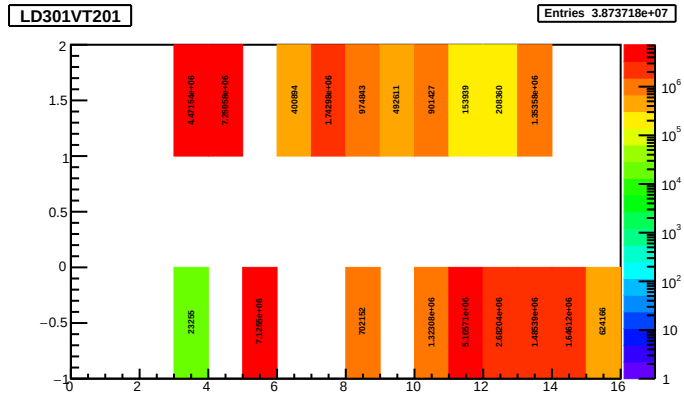
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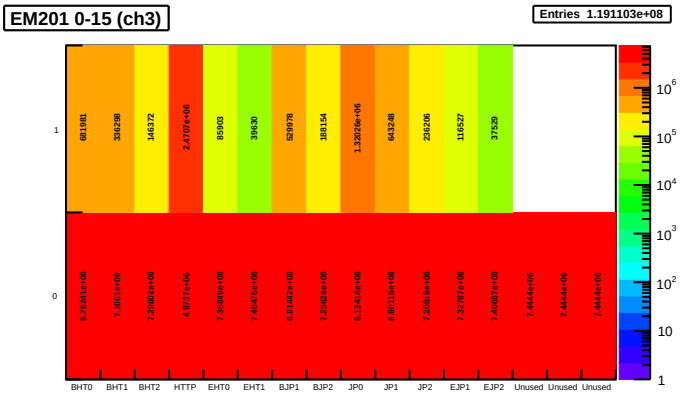
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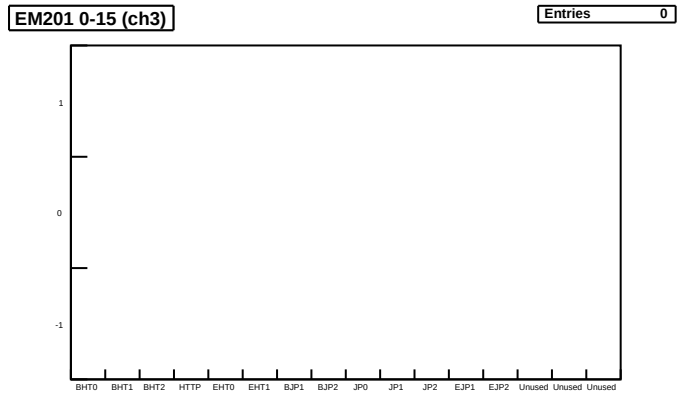
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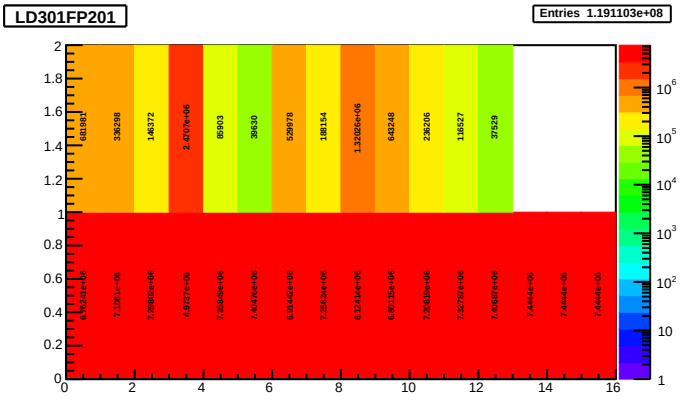
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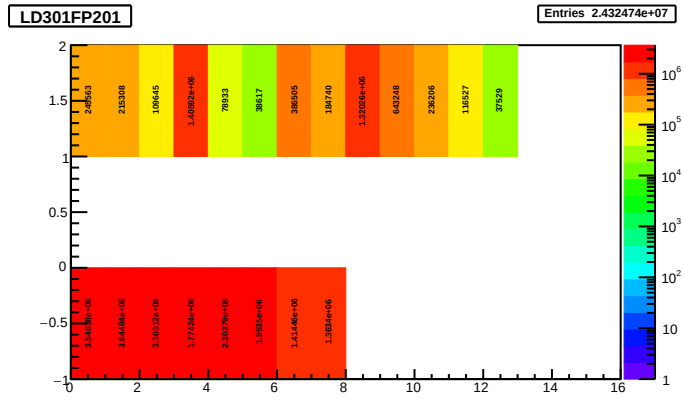
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