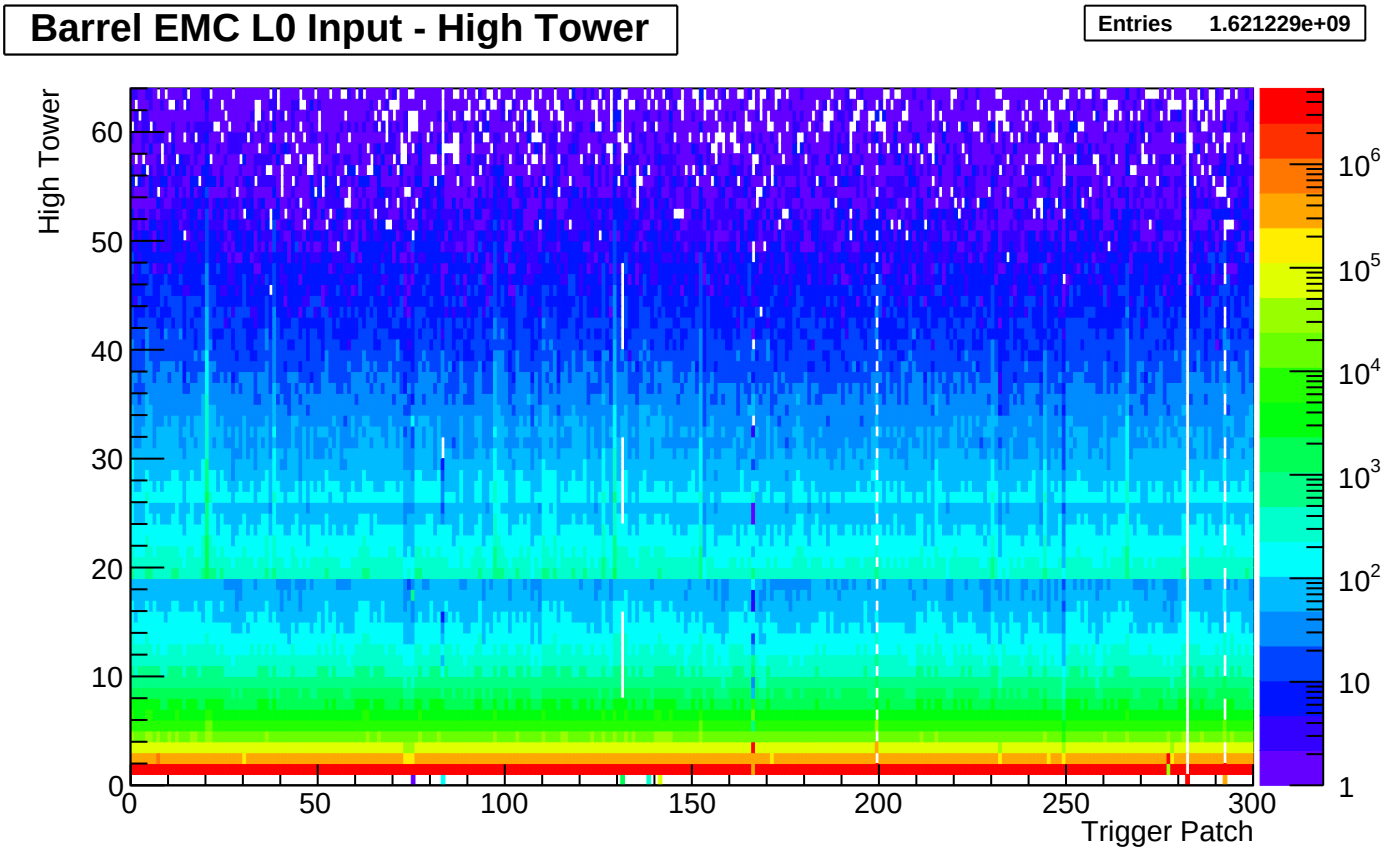
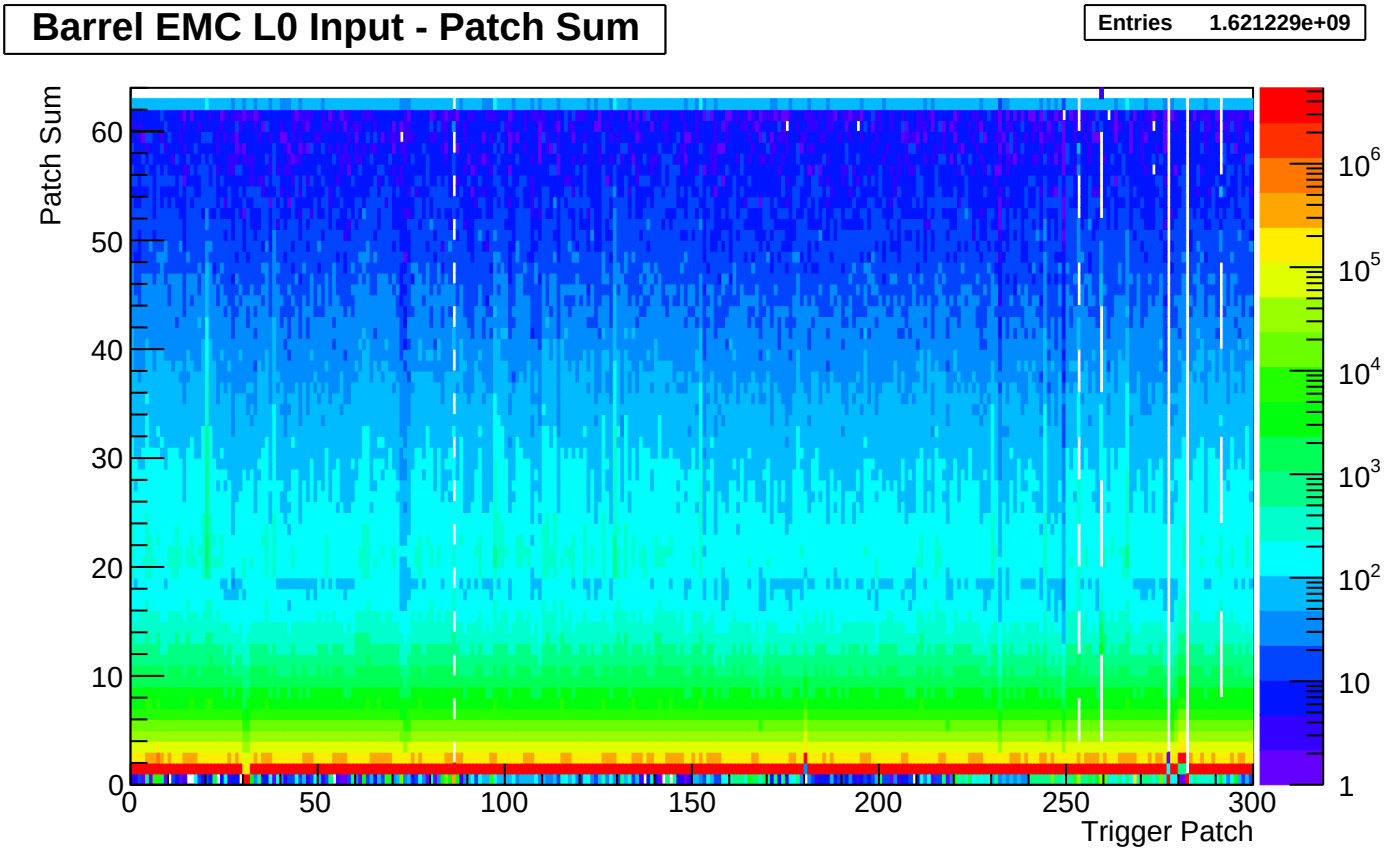
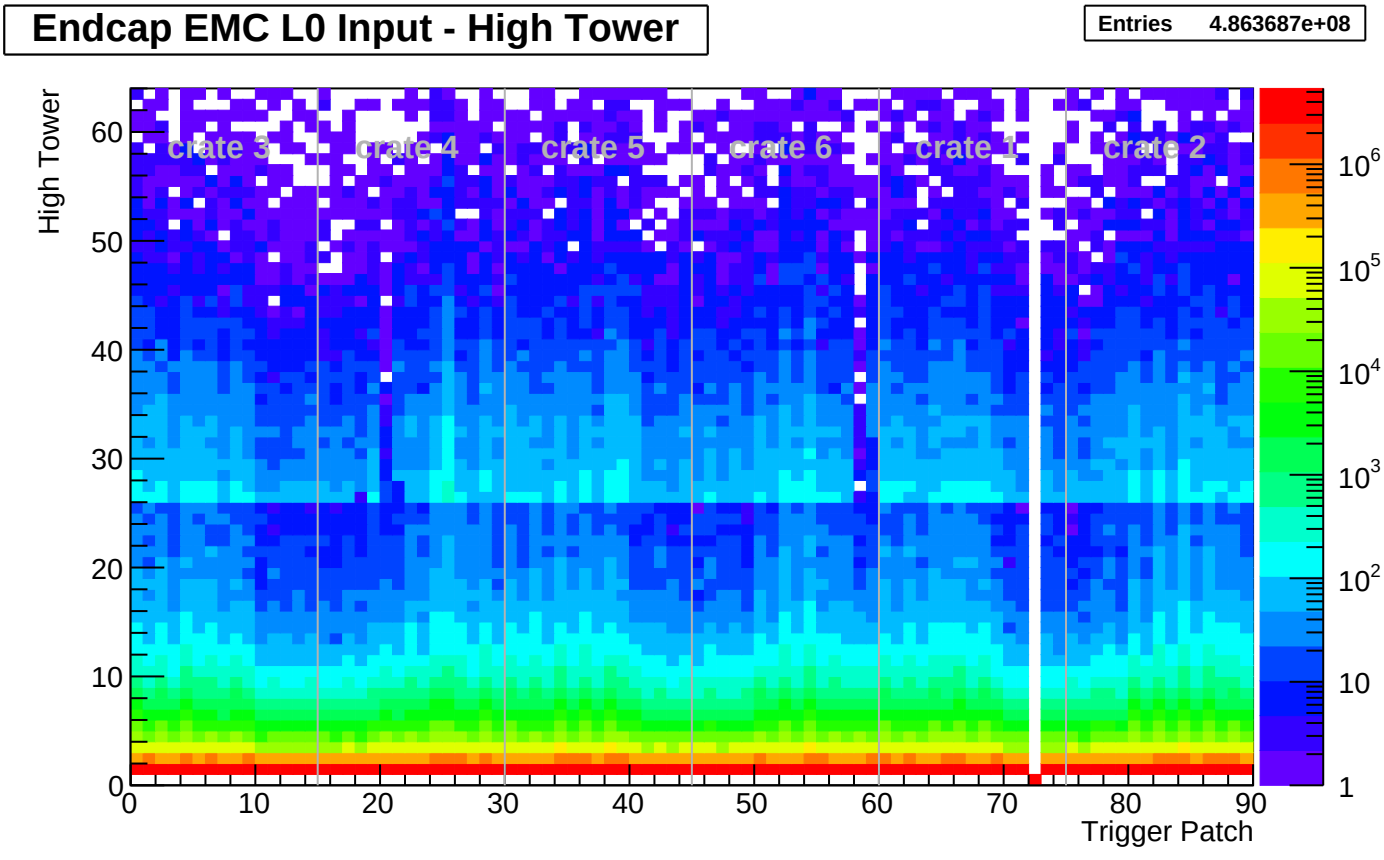
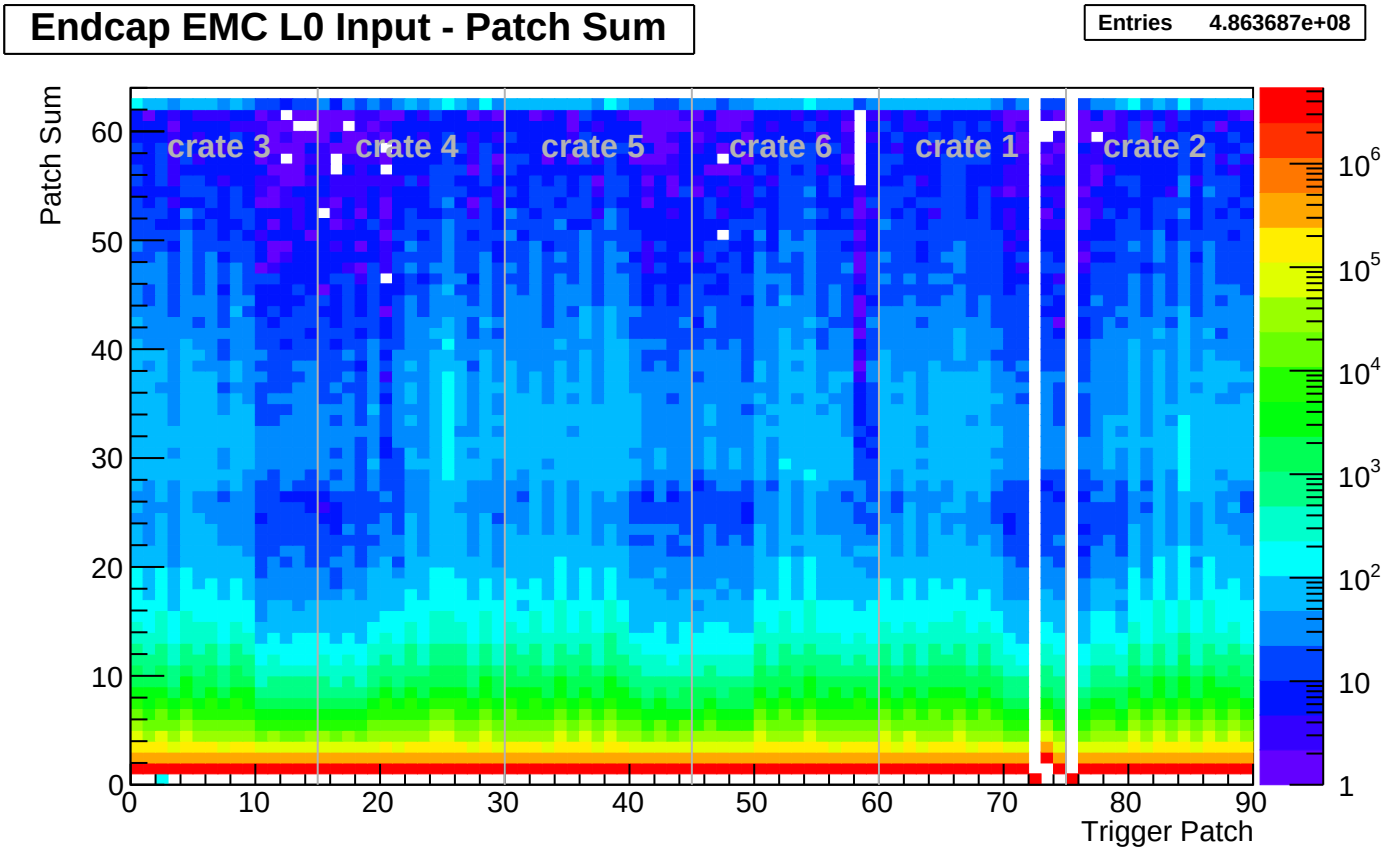
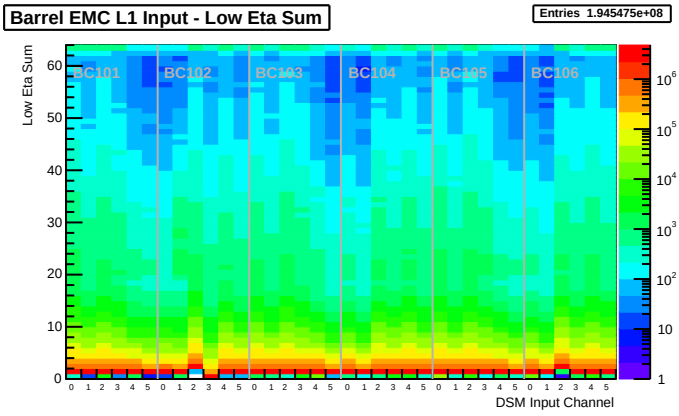
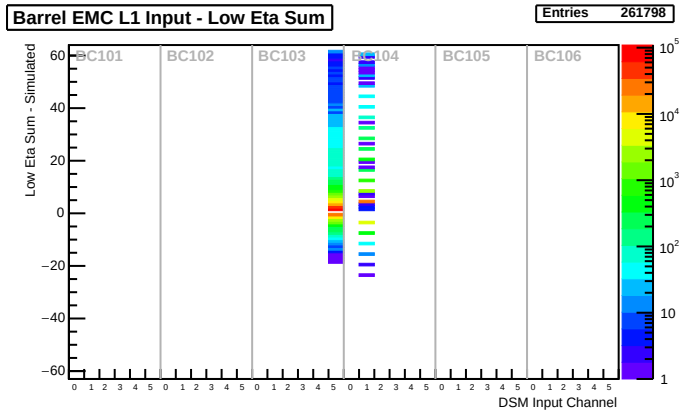

Barrel EMC L0 Input - High Tower
Entries 1.621229e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

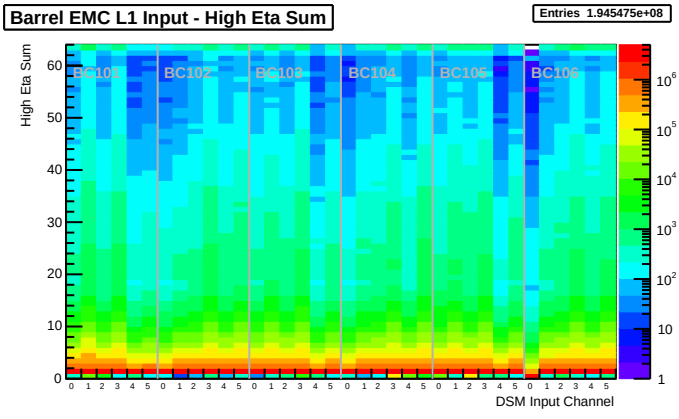

Barrel EMC L0 Input - Patch Sum
Entries 1.621229e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

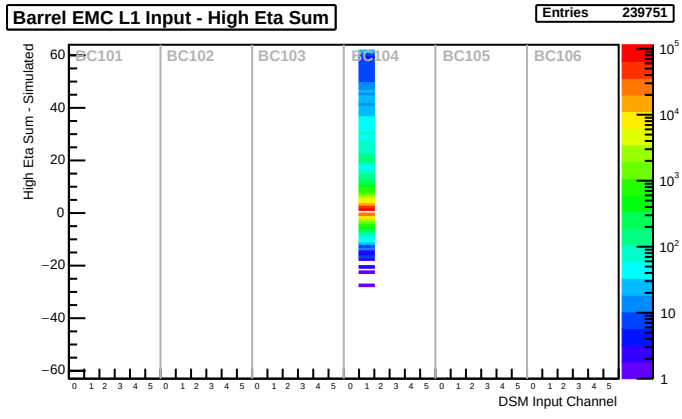

Endcap EMC L0 Input - High Tower
Entries 4.863687e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

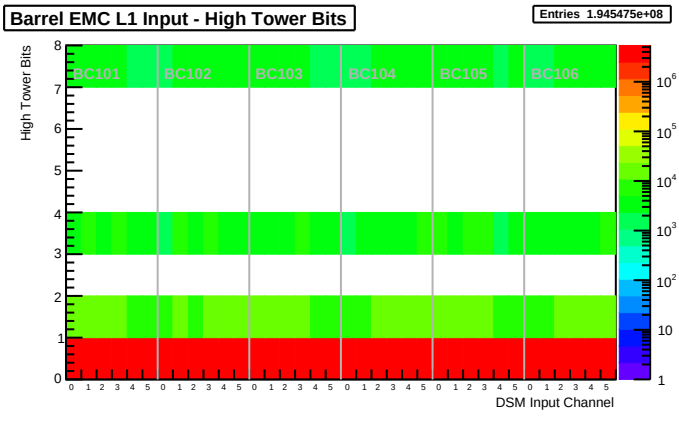

Endcap EMC L0 Input - Patch Sum
Entries 4.863687e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

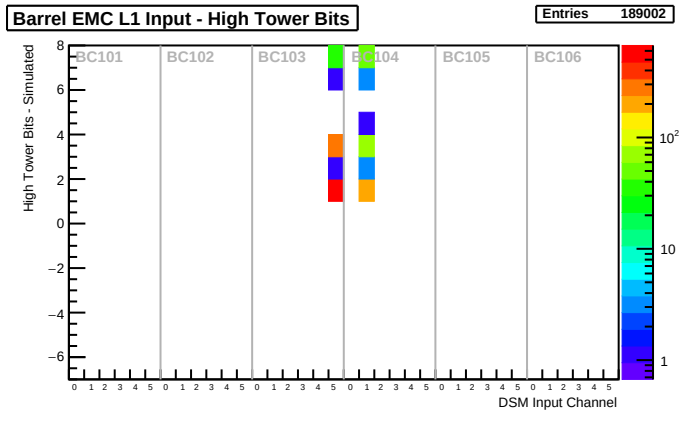

Barrel EMC L1 Input - Low Eta Sum
Entries 1.945475e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

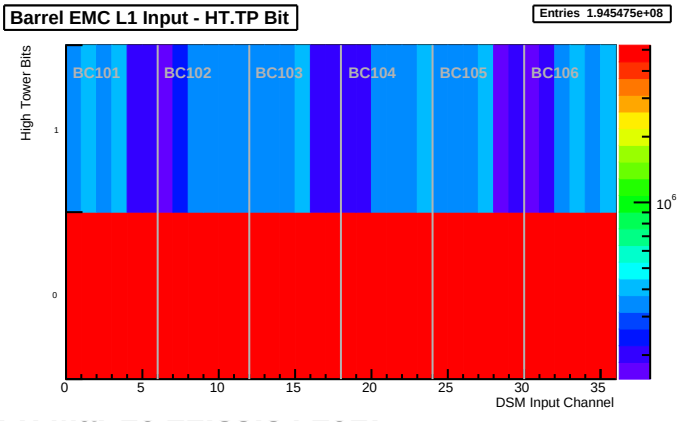

Barrel EMC L1 Input - Low Eta Sum
Entries 261798
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

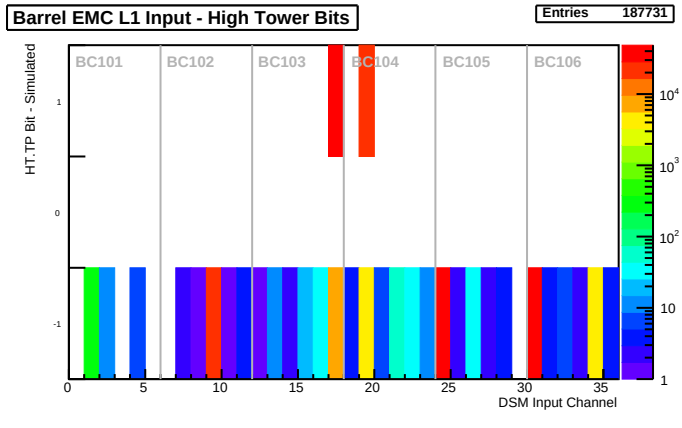

Barrel EMC L1 Input - High Eta Sum
Entries 1.945475e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

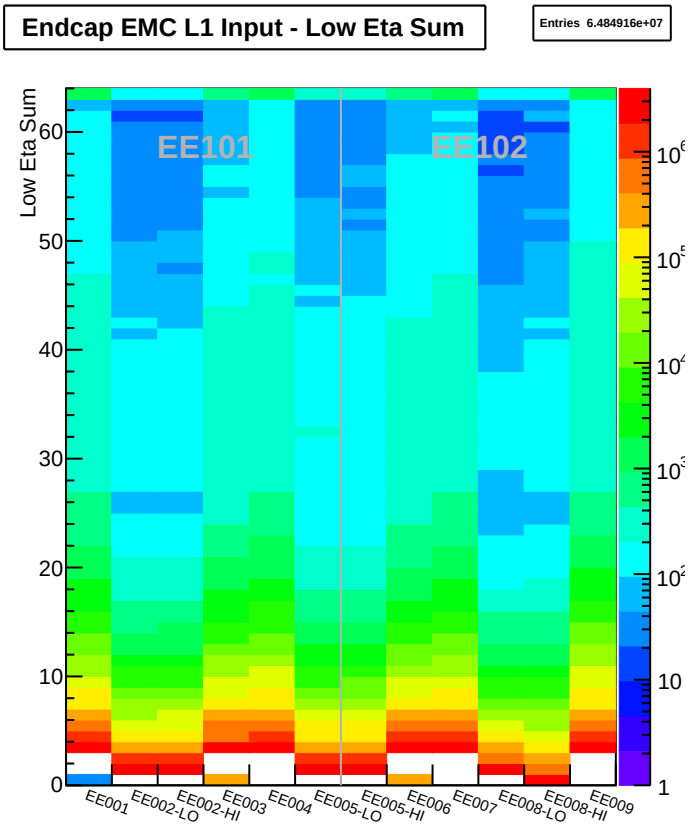

Barrel EMC L1 Input - High Eta Sum
Entries 239751
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

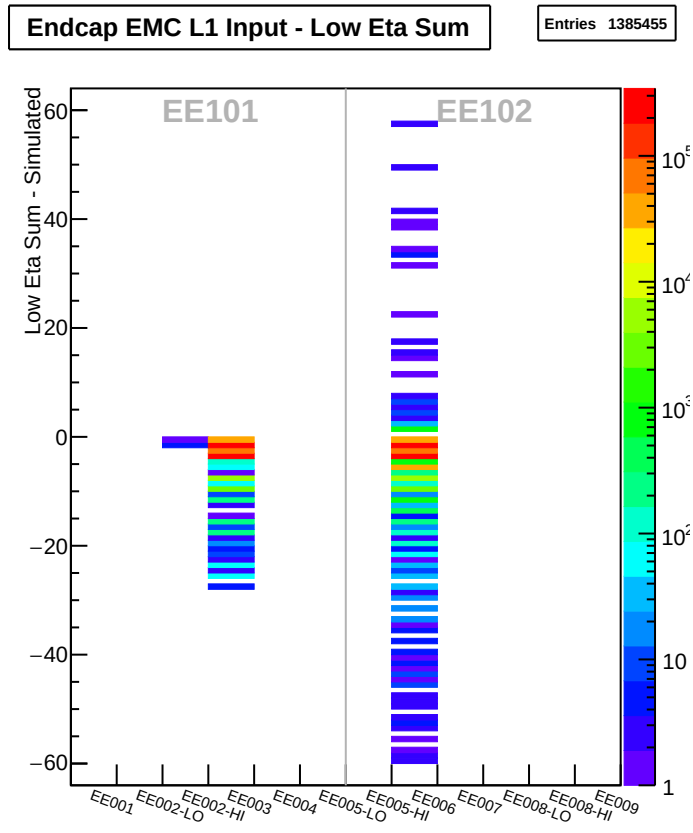

Barrel EMC L1 Input - High Tower Bits
Entries 1.945475e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

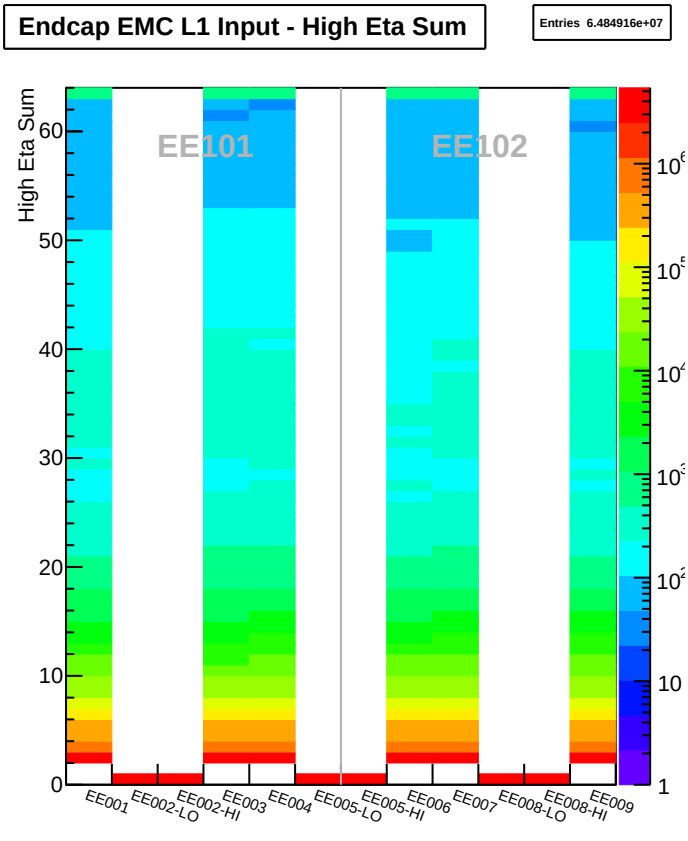

Barrel EMC L1 Input - High Tower Bits
Entries 189002
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

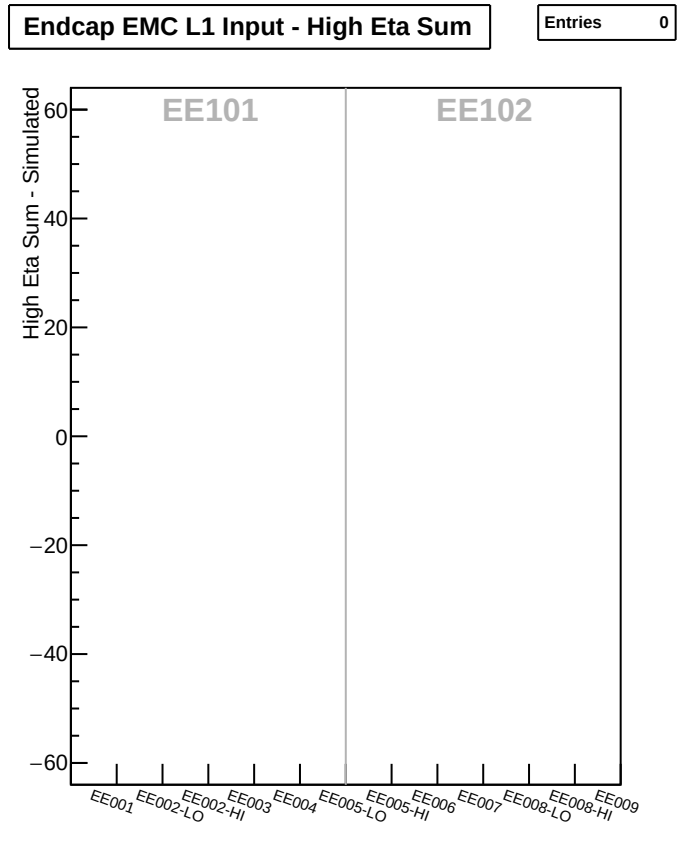

Barrel EMC L1 Input - HT.TP Bit
Entries 1.945475e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

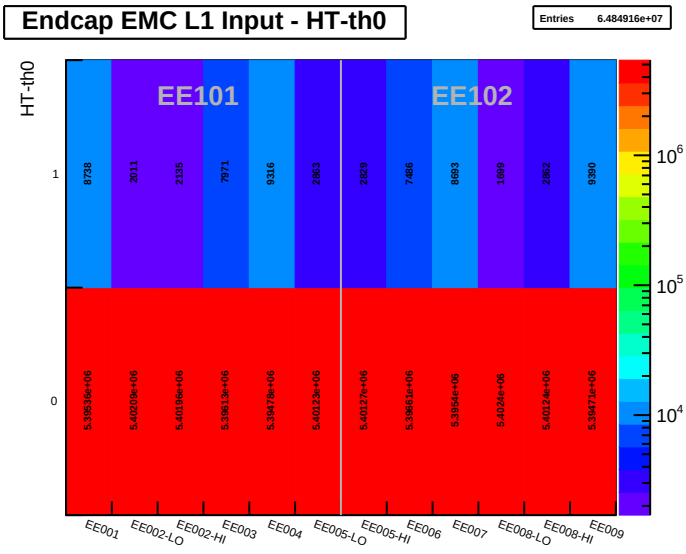

Barrel EMC L1 Input - High Tower Bits
Entries 187731
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

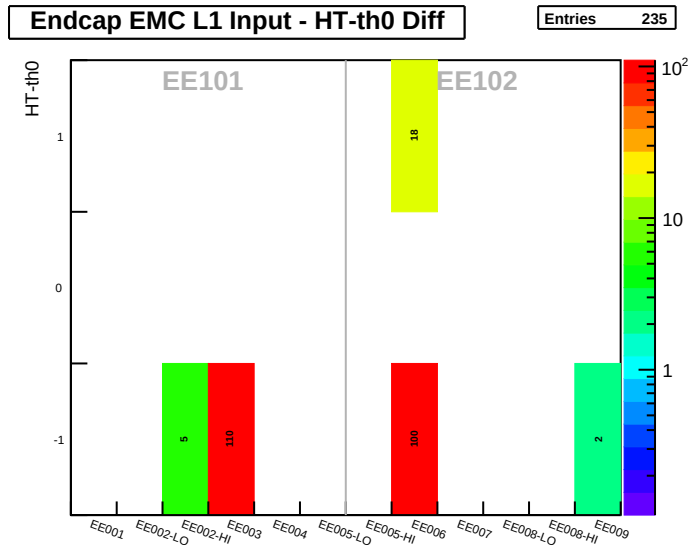

Endcap EMC L1 Input - Low Eta Sum
Entries 6.484916e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

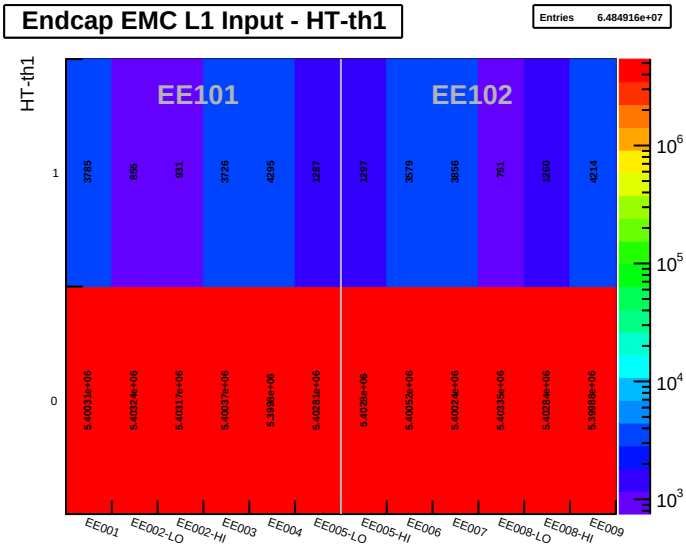

Endcap EMC L1 Input - Low Eta Sum
Entries 1385455
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

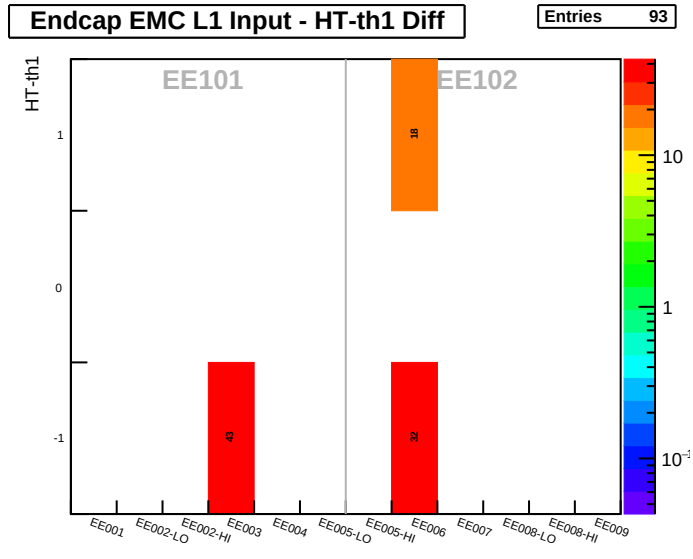

Endcap EMC L1 Input - High Eta Sum
Entries 6.484916e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

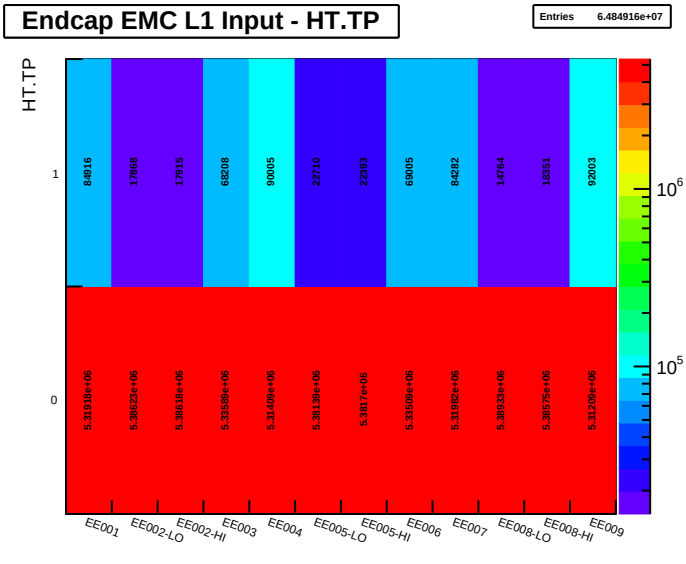

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

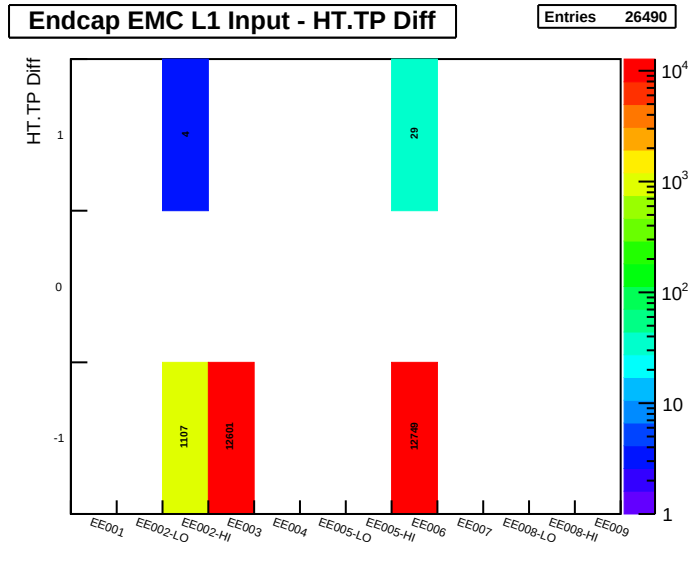

Endcap EMC L1 Input - HT-th0
Entries 6.484916e+07
HT-th0
EE101
EE102
8738
2011
2135
7971
9316
2863
2829
7486
8693
1699
2862
9390
5.39536e+06
5.40209e+06
5.40196e+06
5.39613e+06
5.39478e+06
5.40123e+06
5.40127e+06
5.39661e+06
5.3954e+06
5.4024e+06
5.40124e+06
5.39471e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

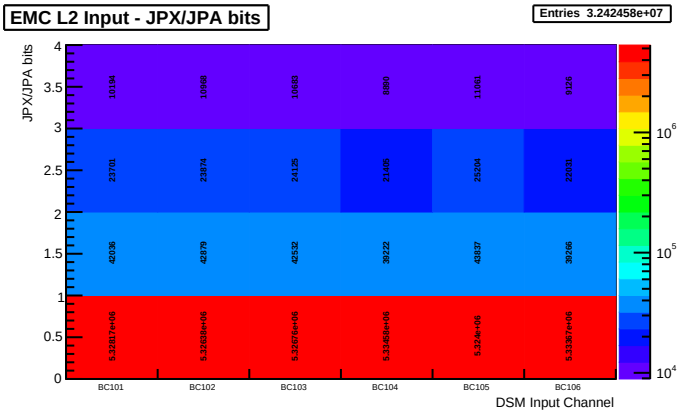

Endcap EMC L1 Input - HT-th0 Diff
Entries 235
HT-th0
EE101
EE102
18
5
110
100
2
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

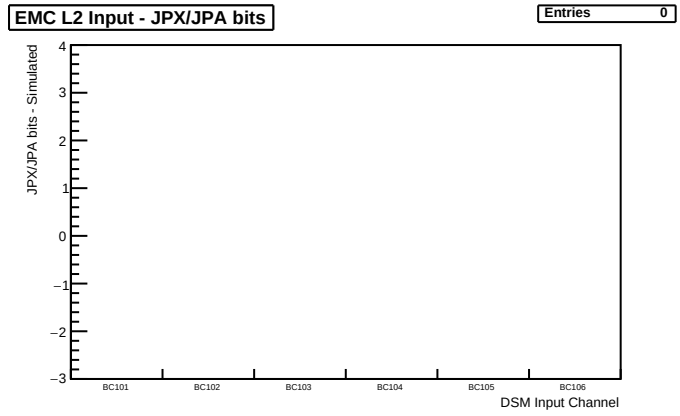

Endcap EMC L1 Input - HT-th1
Entries 6.484916e+07
HT-th1
EE101
EE102
3785
855
931
3726
4295
1287
1297
3579
3856
751
1260
4214
5.40031e+06
5.40324e+06
5.40317e+06
5.40037e+06
5.3998e+06
5.40281e+06
5.4028e+06
5.40052e+06
5.40024e+06
5.40335e+06
5.40294e+06
5.39988e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

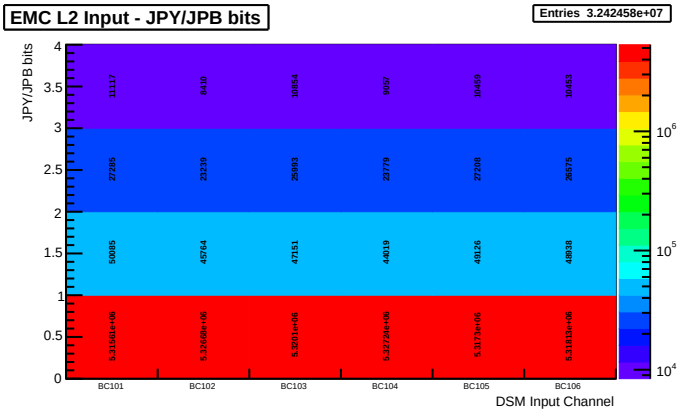

Endcap EMC L1 Input - HT-th1 Diff
Entries 93
HT-th1
EE101
EE102
18
43
32
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

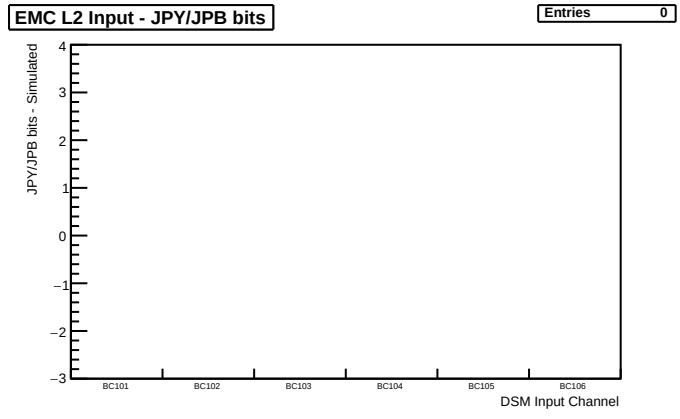

Endcap EMC L1 Input - HT.TP
Entries 6.484916e+07
HT.TP
84916
17668
17915
68208
90005
22710
22393
69005
84282
14764
18351
92003
5.31918e+06
5.30623e+06
5.30618e+06
5.33589e+06
5.31406e+06
5.30139e+06
5.3817e+06
5.33508e+06
5.31982e+06
5.30932e+06
5.30575e+06
5.31206e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

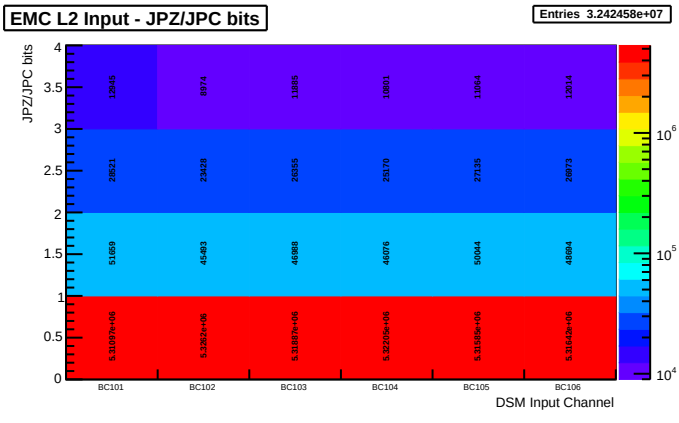

Endcap EMC L1 Input - HT.TP Diff
Entries 26490
HT.TP Diff
4
29
1107
12601
12749
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

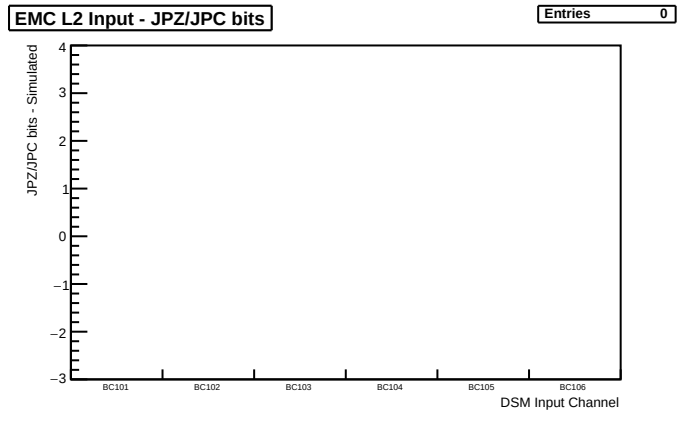

EMC L2 Input - JPX/JPA bits
Entries 3.242458e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10194
10968
10683
8890
11061
9126
23701
23874
24125
21405
25204
22031
42036
42979
42532
39222
43837
39266
5.32817e+06
5.32638e+06
5.32676e+06
5.33458e+06
5.324e+06
5.33387e+06

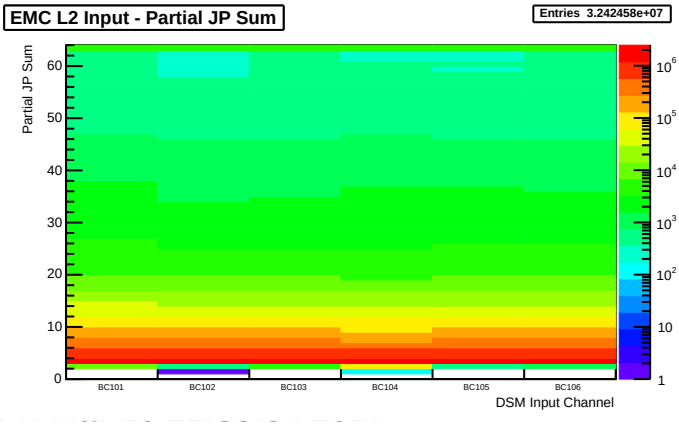

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

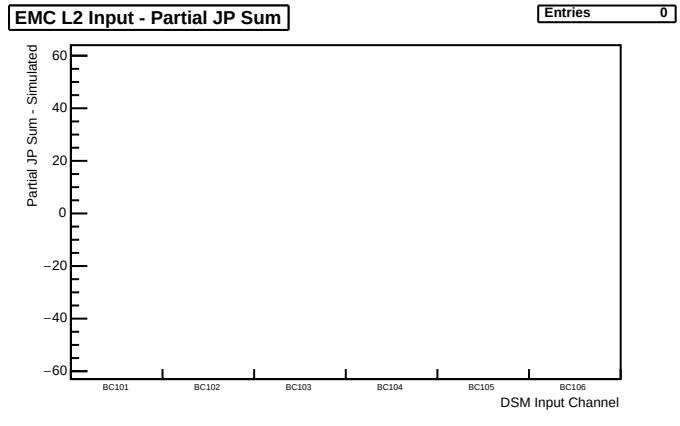

EMC L2 Input - JPY/JPB bits
Entries 3.242458e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11117
8410
10854
9057
10459
10453
27285
23239
25993
23779
27208
26575
50085
45764
47151
44019
49126
48938
5.31561e+06
5.32569e+06
5.3201e+06
5.32724e+06
5.3173e+06
5.31813e+06

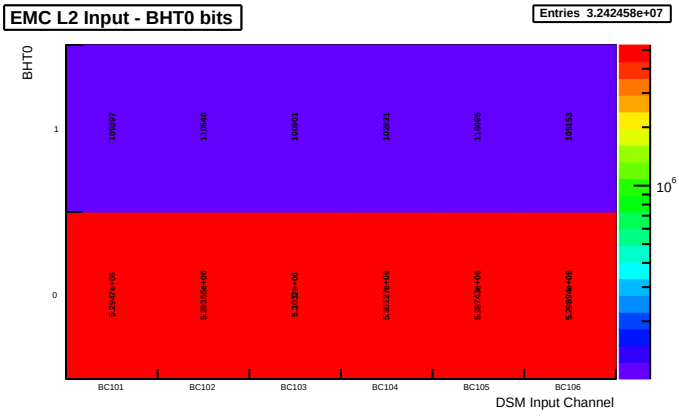

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

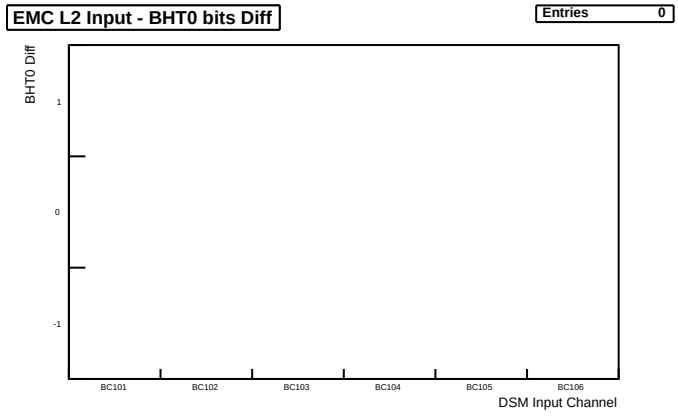

EMC L2 Input - JPZ/JPC bits
Entries 3.242458e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12545
8974
11835
10801
11064
12014
28521
23428
26355
25170
27135
26973
51659
45493
46988
46076
50044
48684
5.31097e+06
5.3352e+06
5.31697e+06
5.32205e+06
5.31595e+06
5.31642e+06

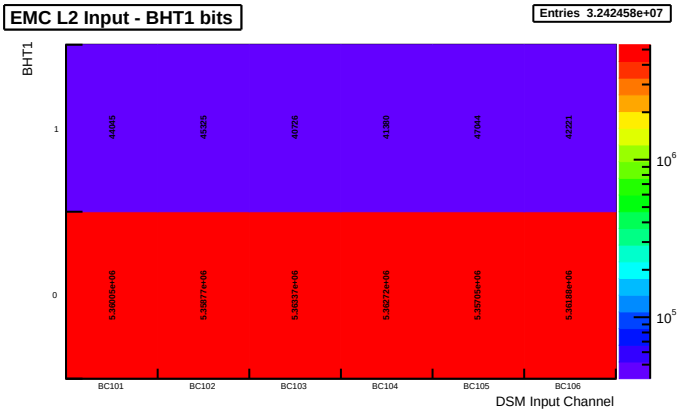

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

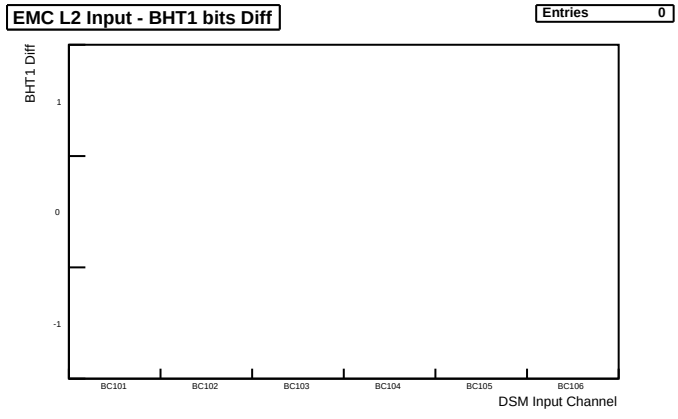

EMC L2 Input - Partial JP Sum
Entries 3.242458e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

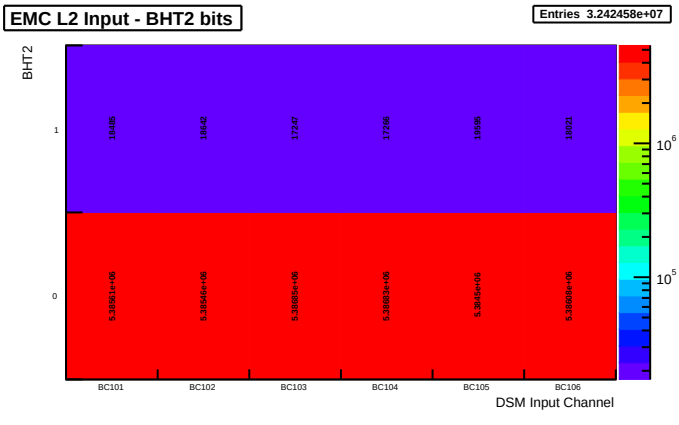

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

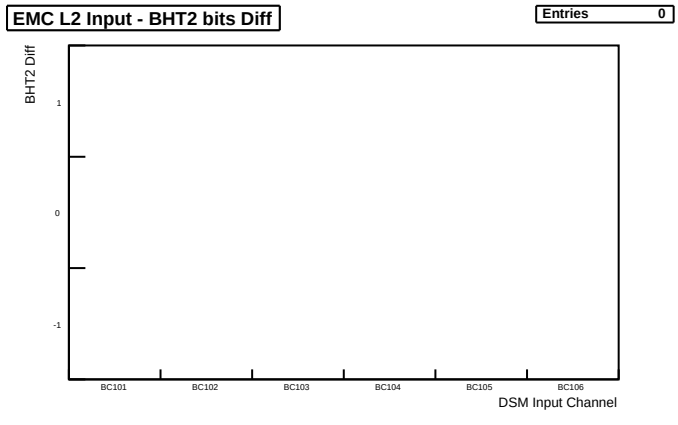

EMC L2 Input - BHT0 bits
Entries 3.242458e+07
BHT0
1
0
109397
110546
100901
102631
116665
105153
5.23407e+06
5.29355e+06
5.30026e+06
5.30112e+06
5.29743e+06
5.28094e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

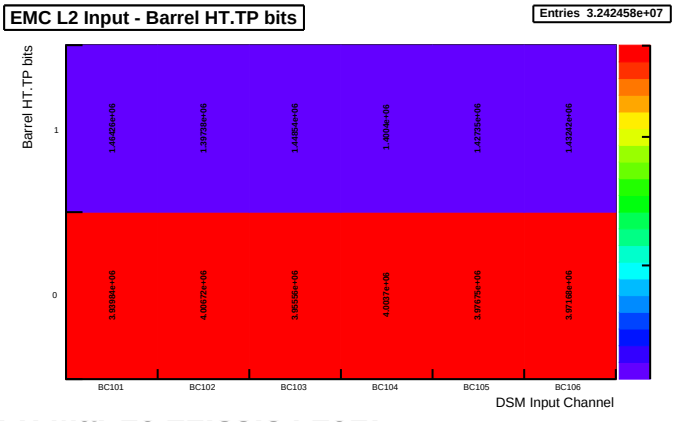

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

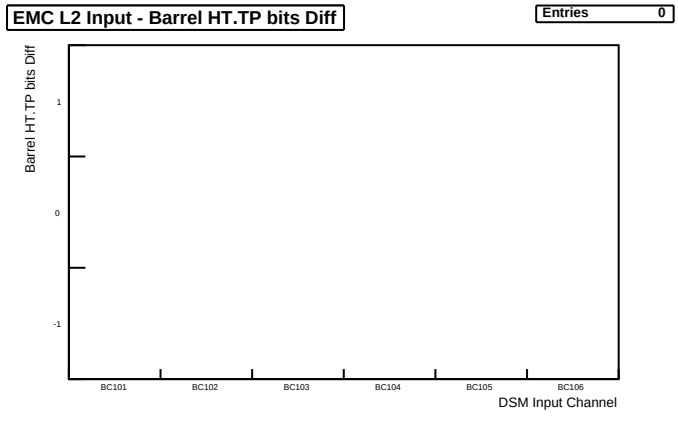

EMC L2 Input - BHT1 bits
Entries 3.242458e+07
BHT1
1
0
44065
45325
40726
41380
47044
42221
5.36005e+06
5.36877e+06
5.36337e+06
5.36272e+06
5.35705e+06
5.36189e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

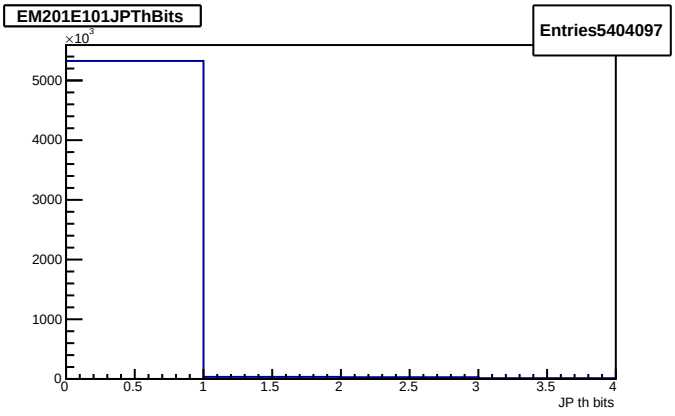

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

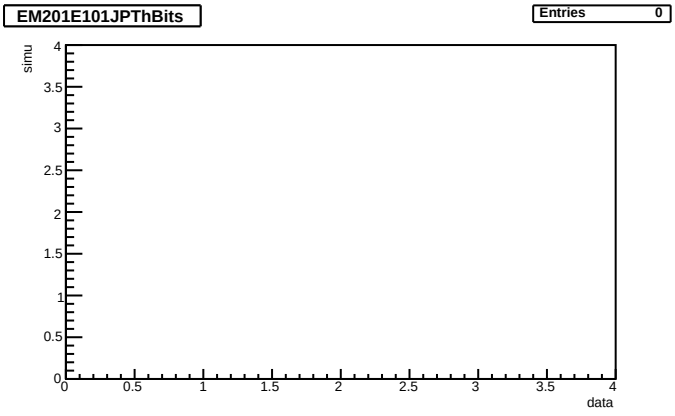

EMC L2 Input - BHT2 bits
Entries 3.242458e+07
BHT2
1
0
18485
18642
17247
17226
19585
18921
5.33501e+06
5.33546e+06
5.33685e+06
5.33683e+06
5.3345e+06
5.33668e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

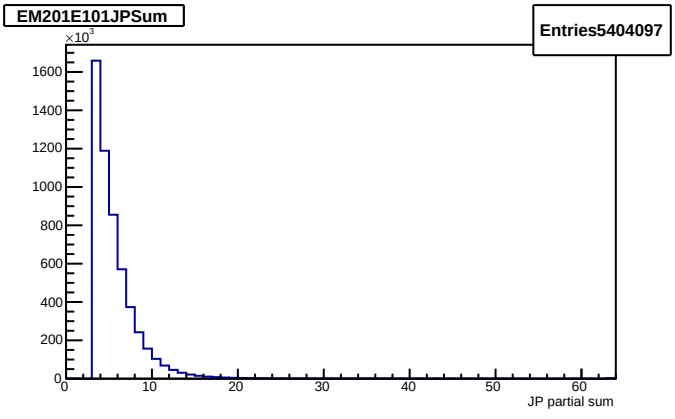

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

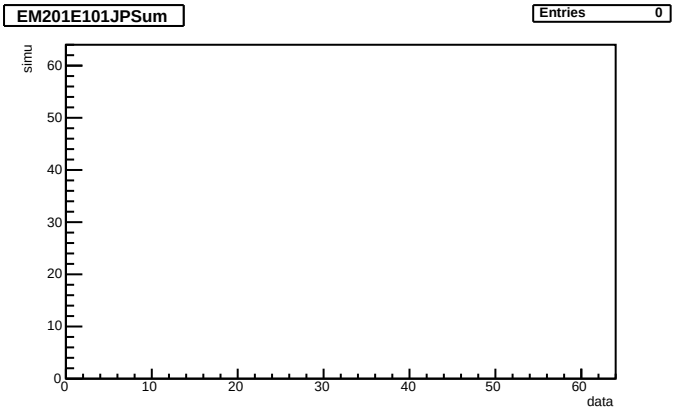

EMC L2 Input - Barrel HT.TP bits
Entries 3.242458e+07
Barrel HT.TP bits
1
0
1.46426e+06
1.39739e+06
1.44654e+06
1.4004e+06
1.42739e+06
1.43212e+06
3.93984e+06
4.00672e+06
3.95556e+06
4.0037e+06
3.97475e+06
3.97168e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

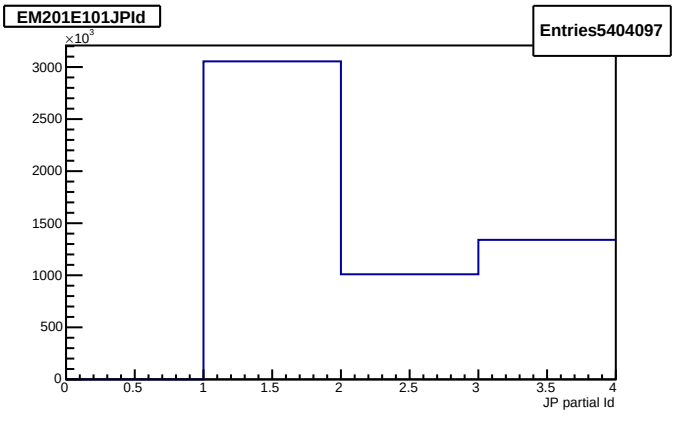

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

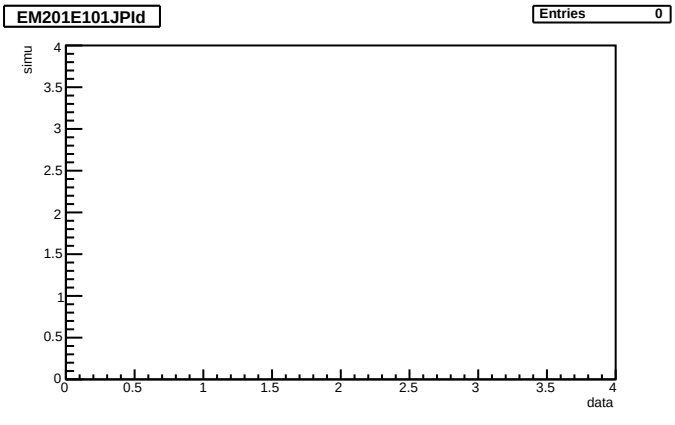

EM201E101JPThBits
Entries5404097
×10^3
JP th bits

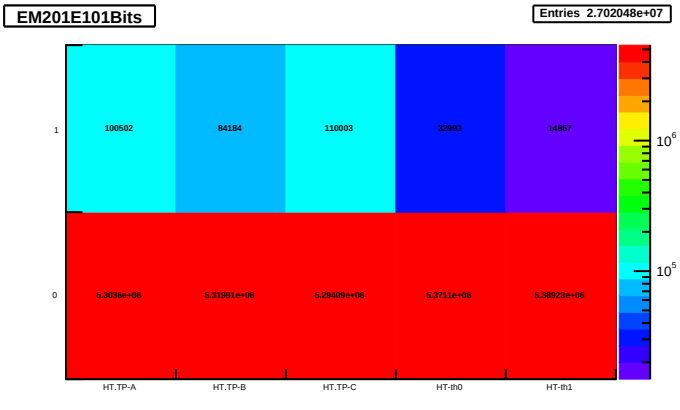

EM201E101JPThBits
Entries 0
simu
data

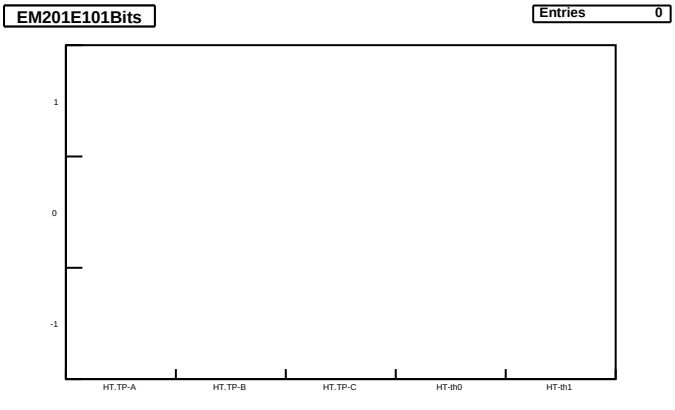

EM201E101JPSum
Entries5404097
×10^3
JP partial sum

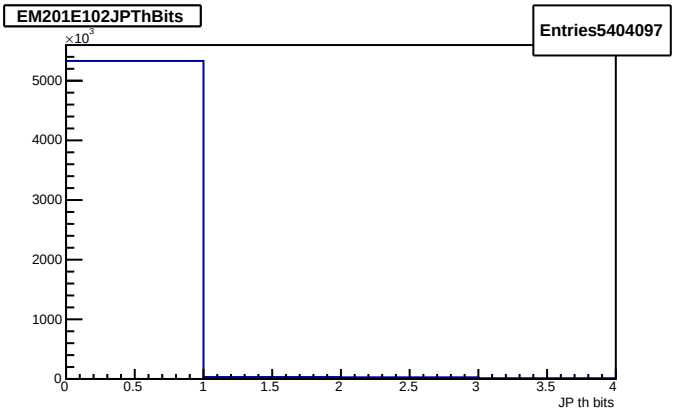

EM201E101JPSum
Entries 0
simu
data

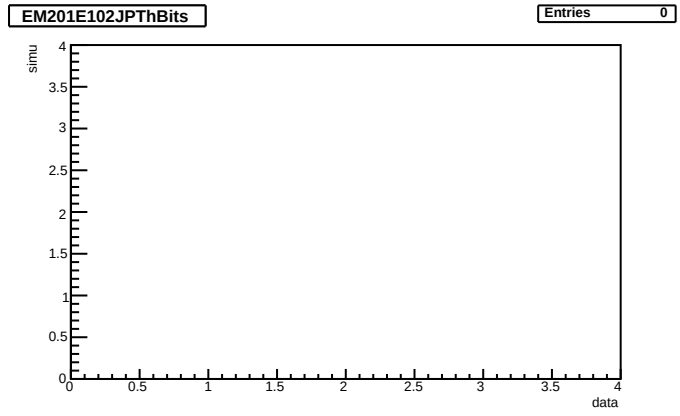

EM201E101JPId
Entries5404097
×10^3
JP partial Id

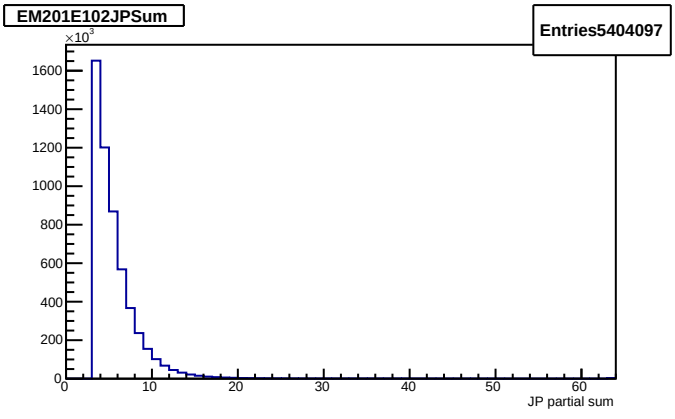

EM201E101JPId
Entries 0
simu
data

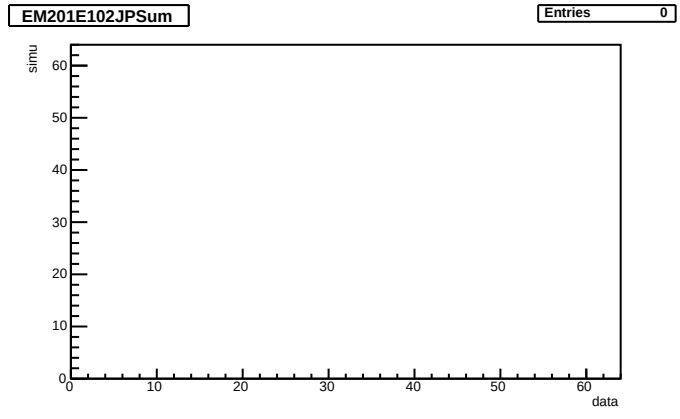

EM201E101Bits
Entries 2.702048e+07
100502
84184
110003
32993
14867
5.3036e+06
5.31991e+06
5.29409e+06
5.3711e+06
5.38923e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

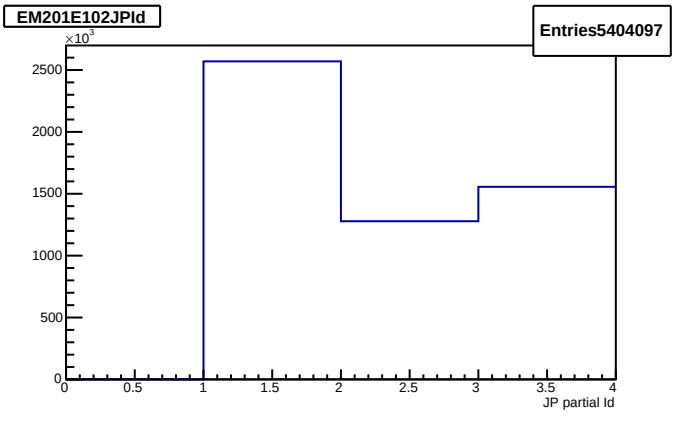

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

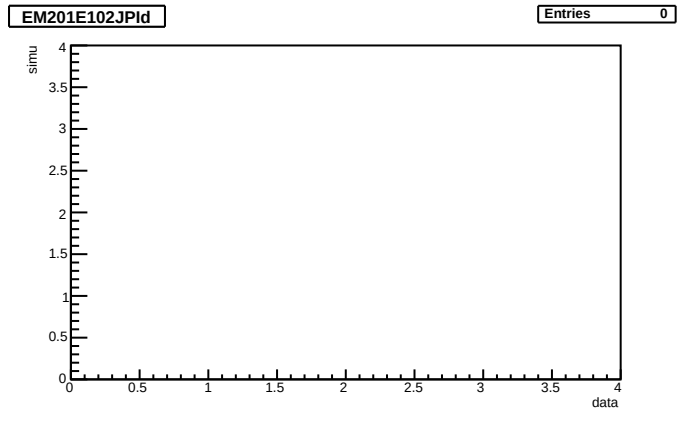

EM201E102JPThBits
Entries5404097
×10^3
JP th bits

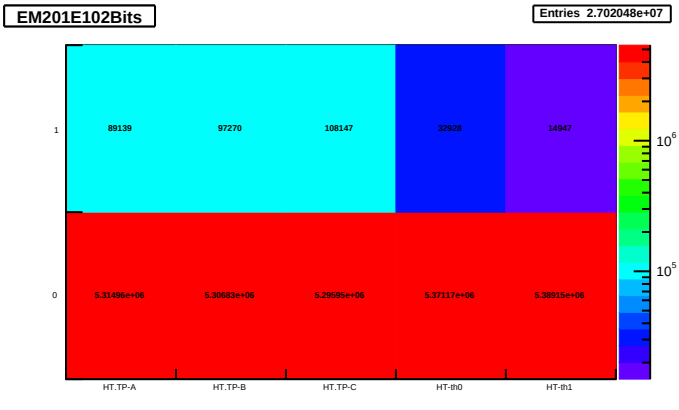

EM201E102JPThBits
Entries 0
simu
data

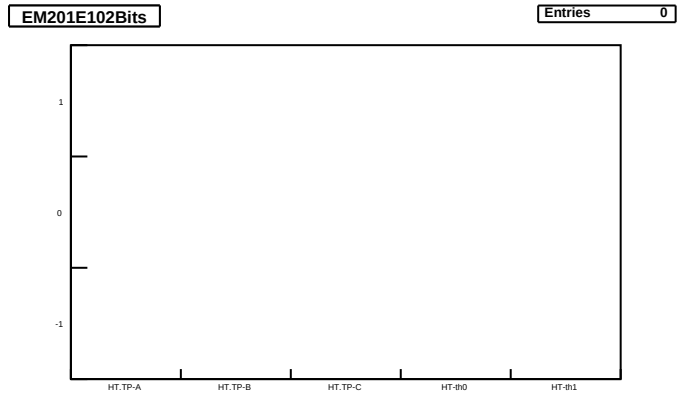

EM201E102JPSum
Entries5404097
×10^3
JP partial sum

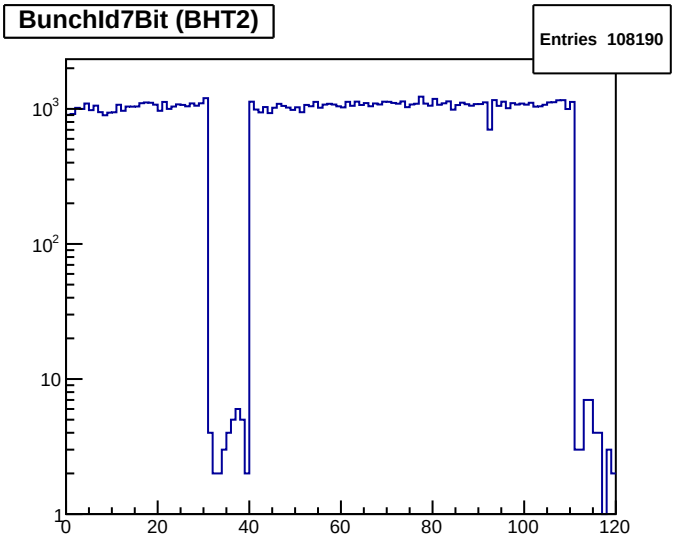

EM201E102JPSum
Entries 0
simu
data

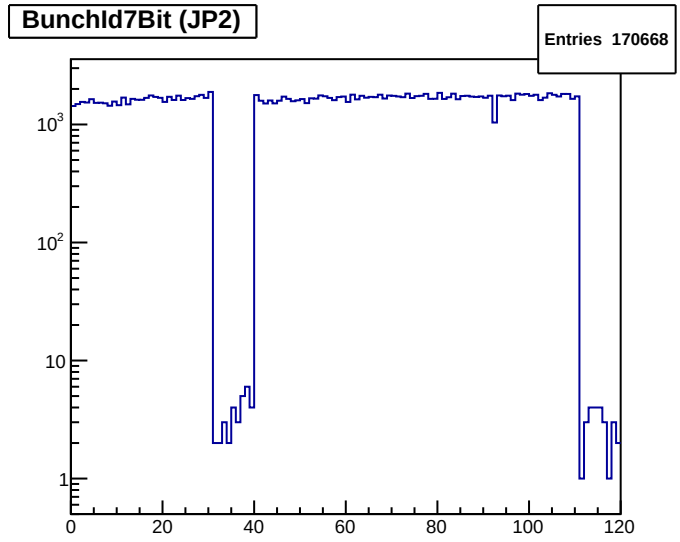

EM201E102JPId
Entries5404097
×10^3
JP partial Id

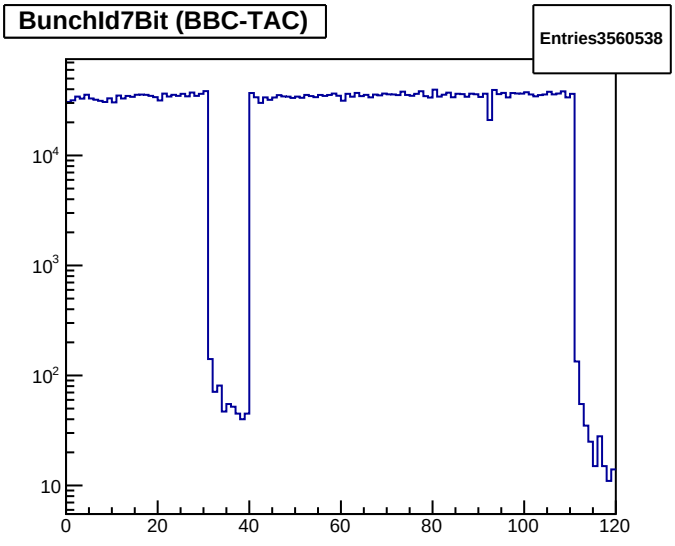

EM201E102JPId
Entries 0
simu
data

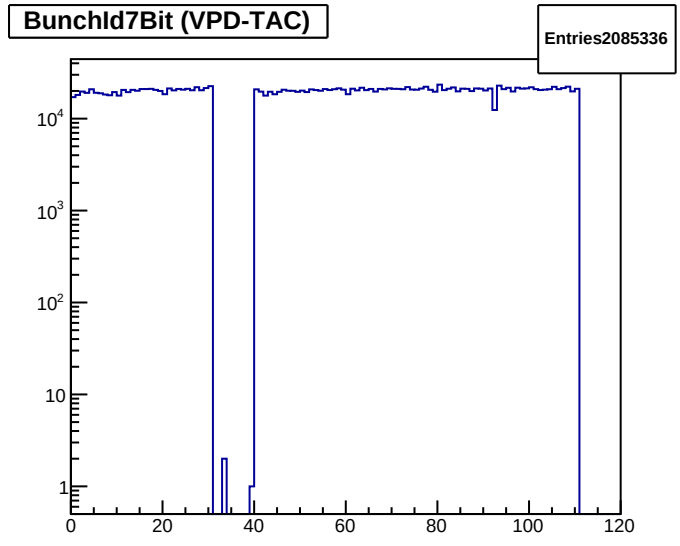

EM201E102Bits
Entries 2.702048e+07
89139
97270
108147
32928
14947
5.31496e+06
5.30683e+06
5.29595e+06
5.37117e+06
5.38915e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

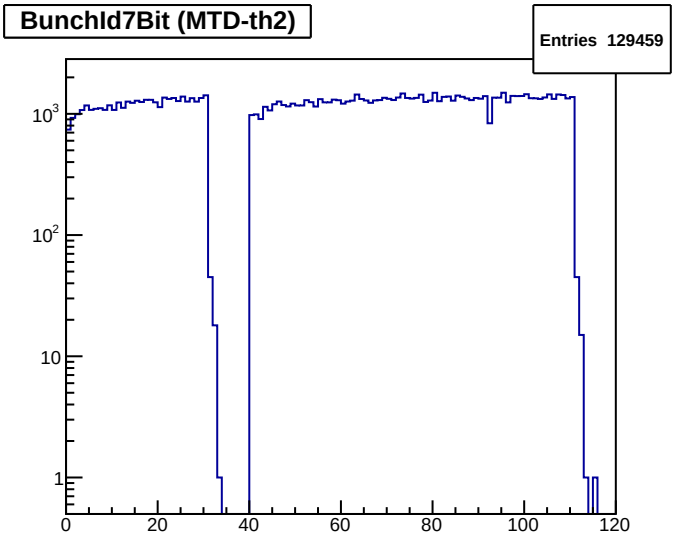

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

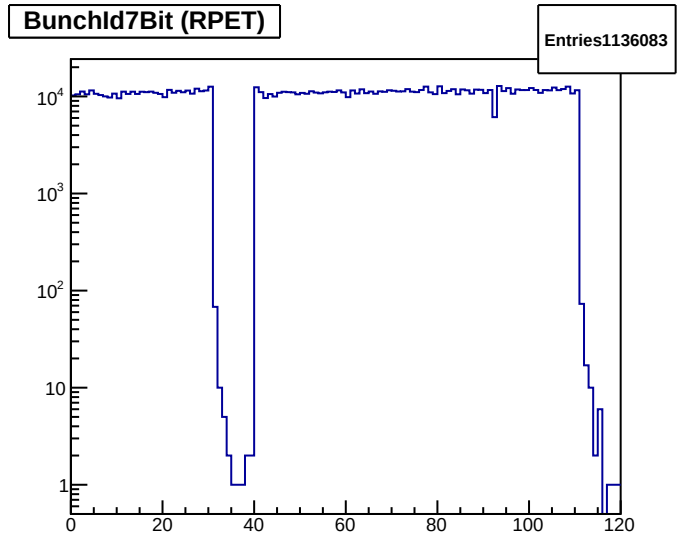

BunchId7Bit (BHT2)
Entries 108190

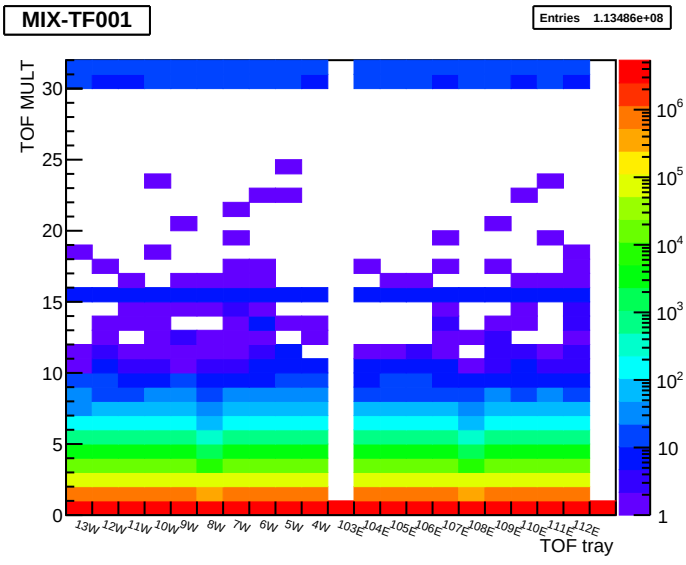

BunchId7Bit (JP2)
Entries 170668

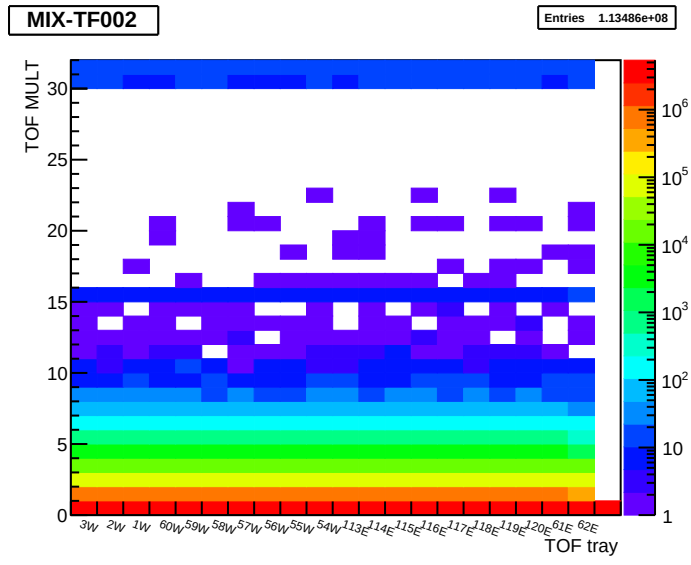

BunchId7Bit (BBC-TAC)
Entries3560538

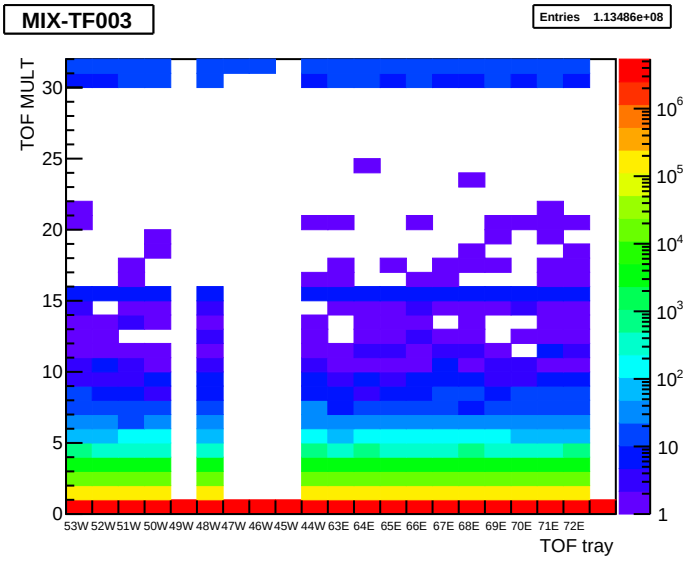

BunchId7Bit (VPD-TAC)
Entries2085336

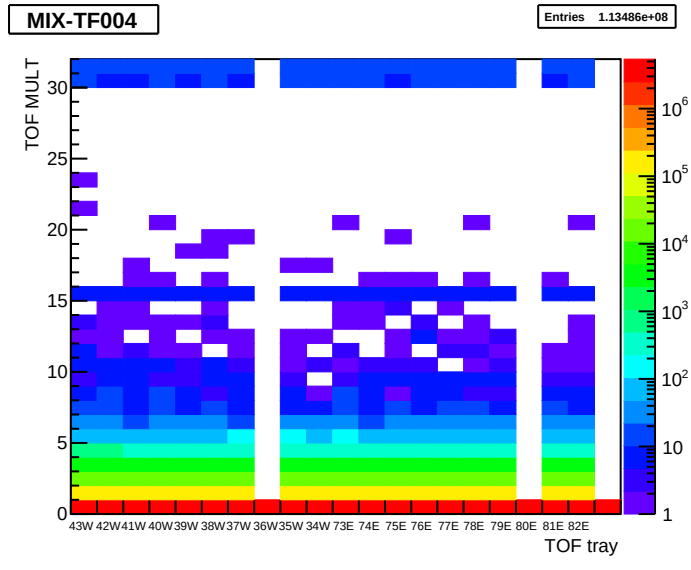

BunchId7Bit (MTD-th2)
Entries 129459

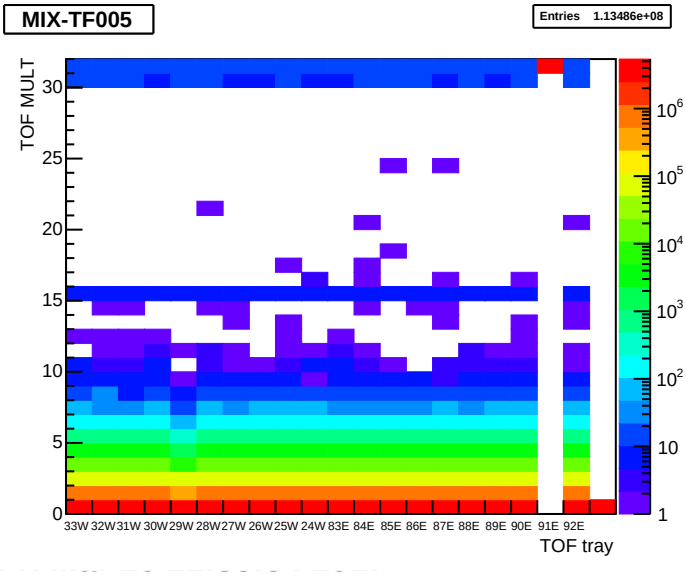

BunchId7Bit (RPET)
Entries1136083

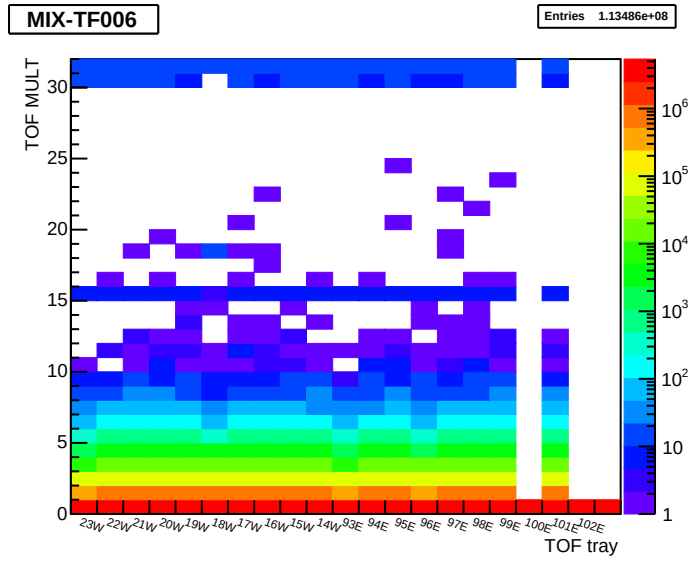

MIX-TF001
Entries 1.13486e+08
TOF MULT
TOF tray

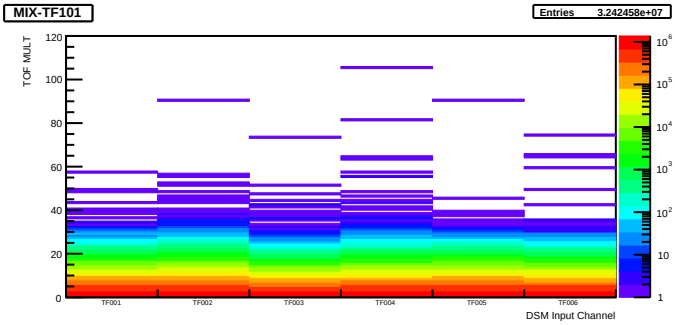

MIX-TF002
Entries 1.13486e+08
TOF MULT
TOF tray

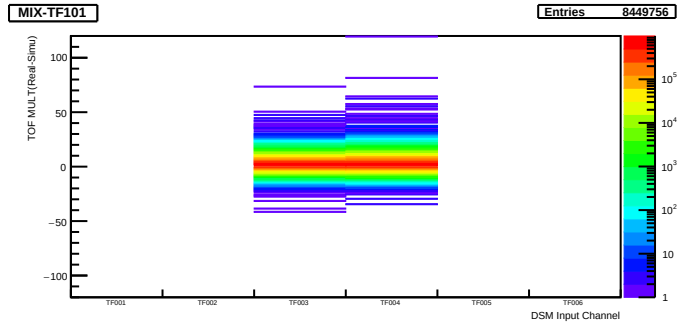

MIX-TF003
Entries 1.13486e+08
TOF MULT
TOF tray

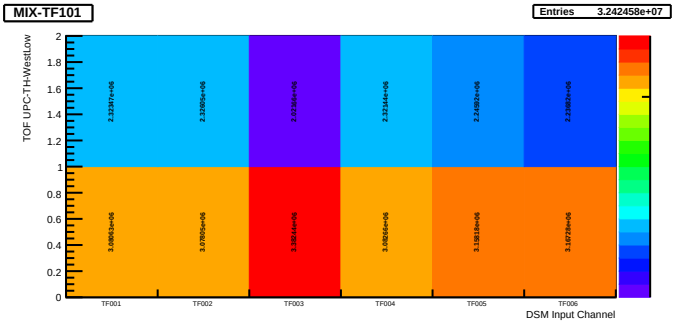

MIX-TF004
Entries 1.13486e+08
TOF MULT
TOF tray

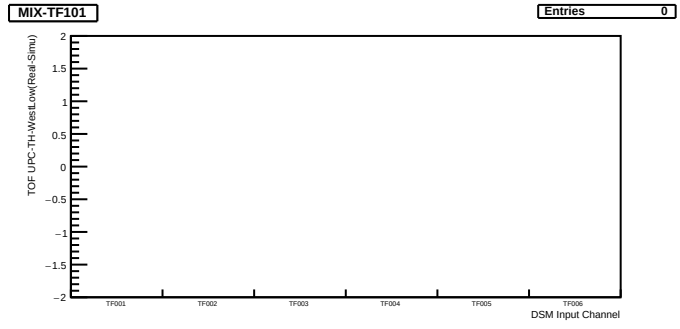

MIX-TF005
Entries 1.13486e+08
TOF MULT
TOF tray

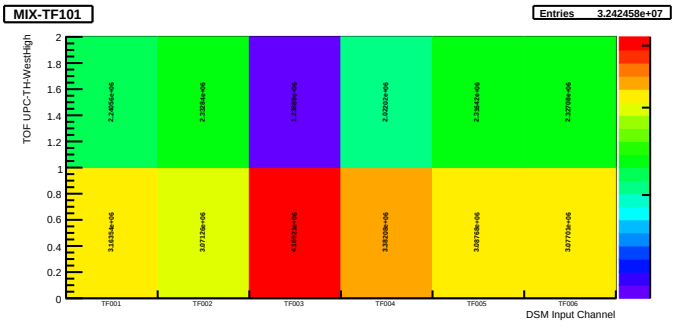

MIX-TF006
Entries 1.13486e+08
TOF MULT
TOF tray

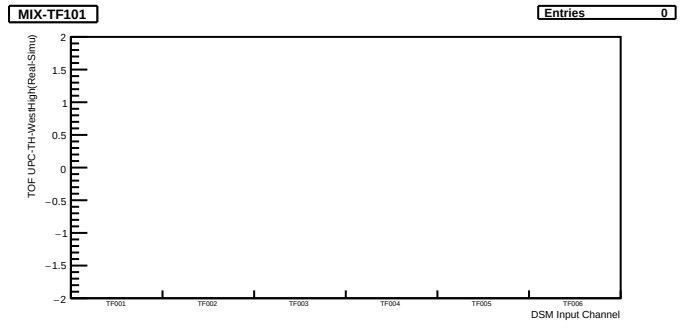

MIX-TF101
Entries 3.242458e+07
TOF MULT
DSM Input Channel

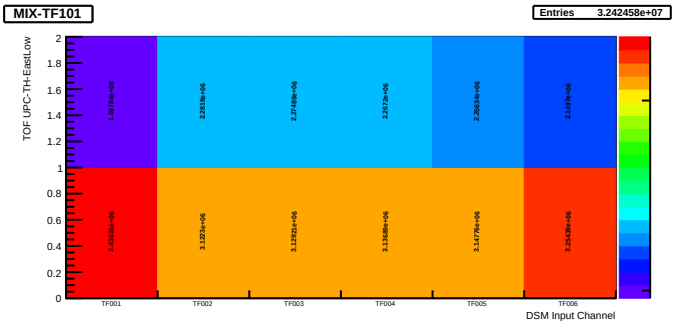

MIX-TF101
Entries 8449756
TOF MULT(Real-Simu)
DSM Input Channel

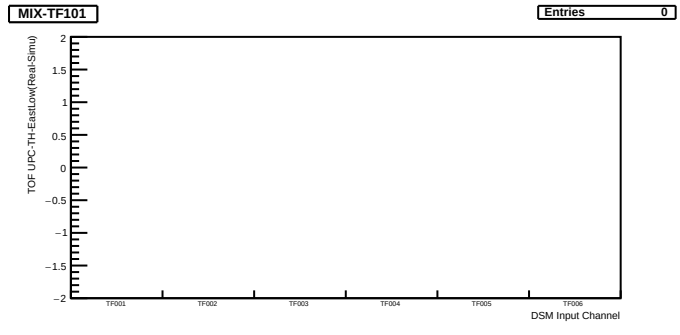

MIX-TF101
Entries 3.242458e+07
TOF UPC-TH-WestLow
DSM Input Channel

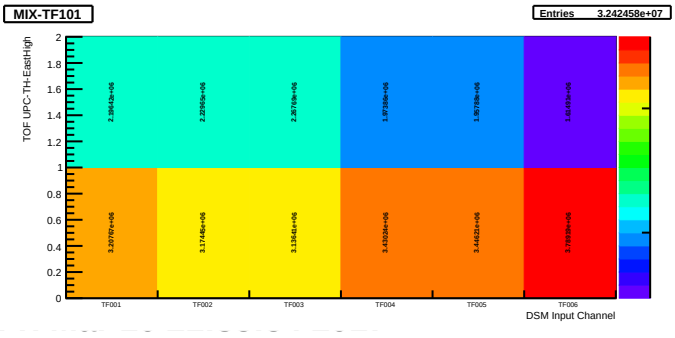

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

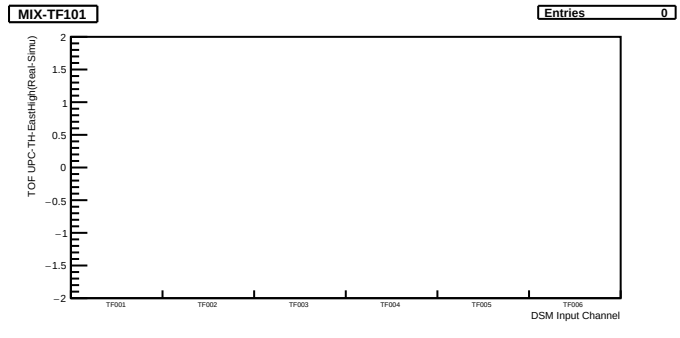

MIX-TF101
Entries 3.242458e+07
TOF UPC-TH-WestHigh
DSM Input Channel

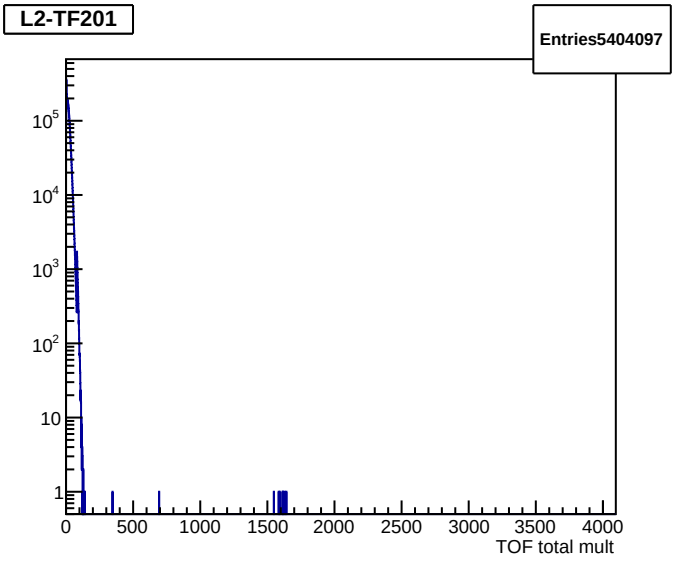

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

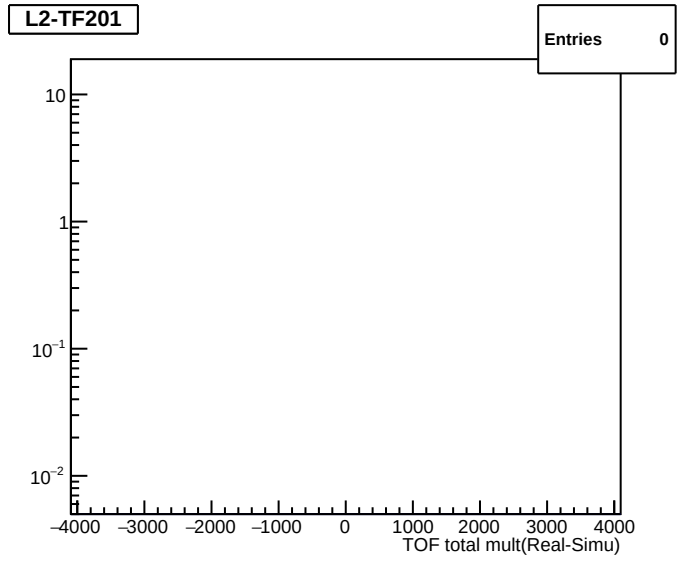

MIX-TF101
Entries 3.242458e+07
TOF UPC-TH-EastLow
DSM Input Channel

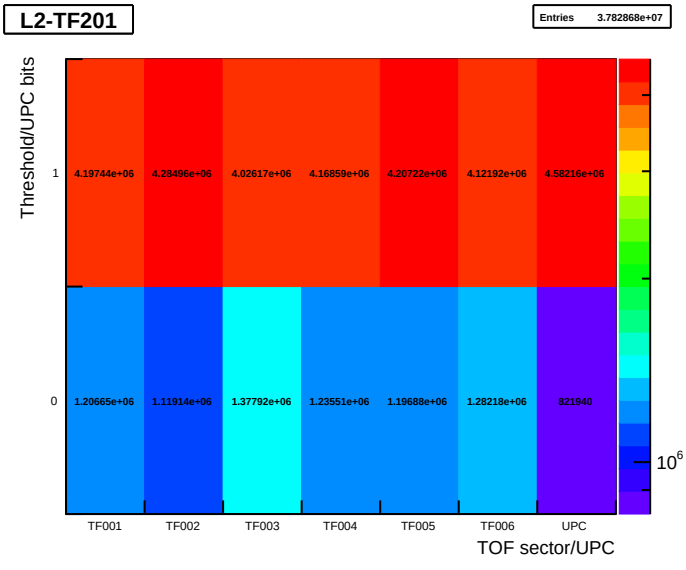

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

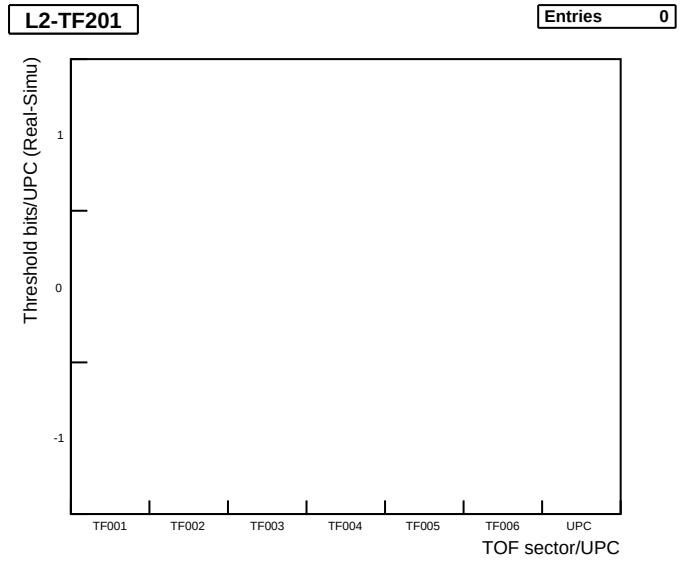

MIX-TF101
Entries 3.242458e+07
TOF UPC-TH-EastHigh
DSM Input Channel

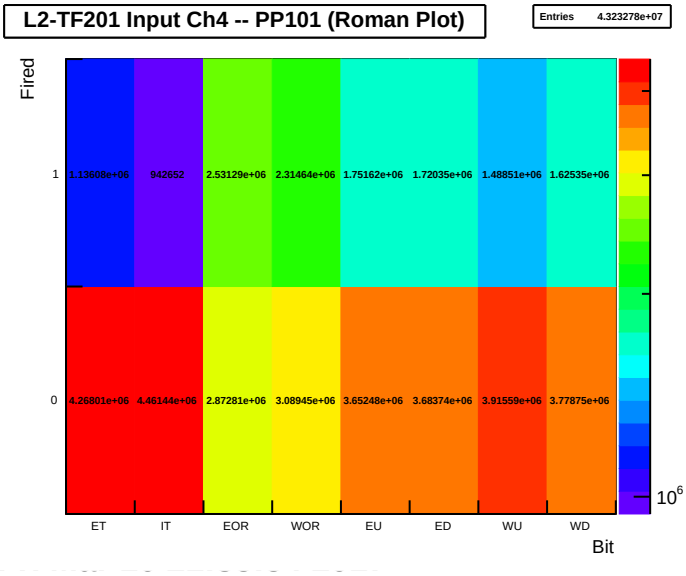

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

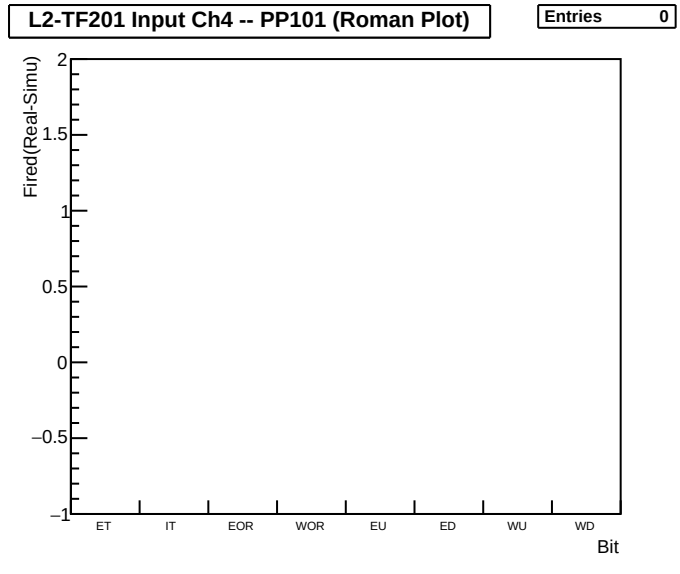

L2-TF201
Entries5404097
TOF total mult

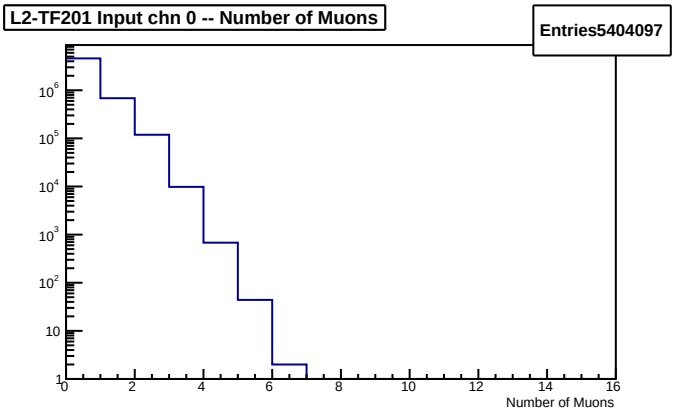

L2-TF201
Entries 0
TOF total mult(Real-Simu)

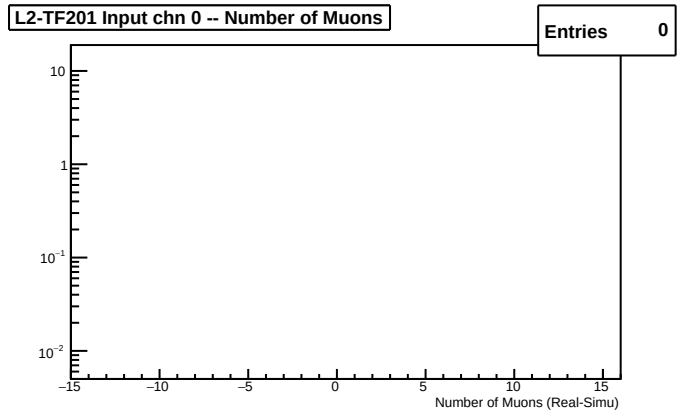

L2-TF201
Entries 3.782868e+07
Threshold/UPC bits
4.19744e+06
4.28496e+06
4.02617e+06
4.16859e+06
4.20722e+06
4.12192e+06
4.58216e+06
1.20665e+06
1.11914e+06
1.37792e+06
1.23551e+06
1.19688e+06
1.28218e+06
821940
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

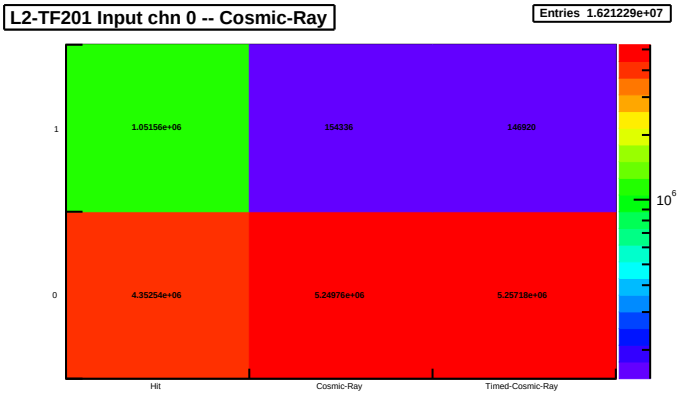

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

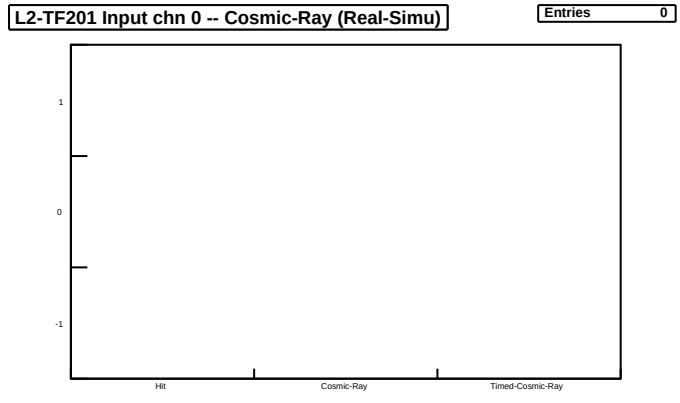

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.323278e+07
Fired
1.13608e+06
942652
2.53129e+06
2.31464e+06
1.75162e+06
1.72035e+06
1.48851e+06
1.62535e+06
4.26801e+06
4.46144e+06
2.87281e+06
3.08945e+06
3.65248e+06
3.68374e+06
3.91559e+06
3.77875e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

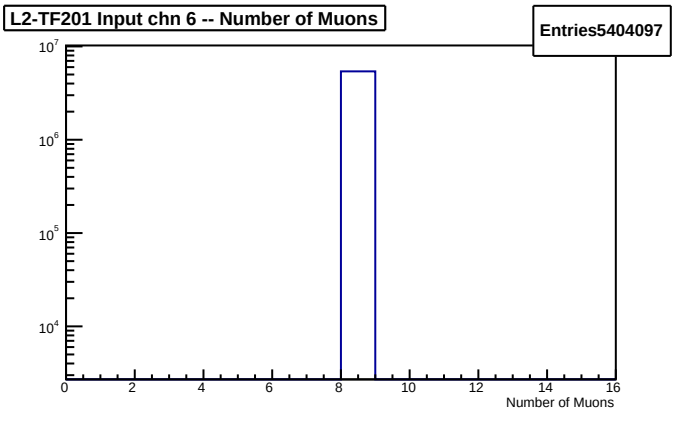

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

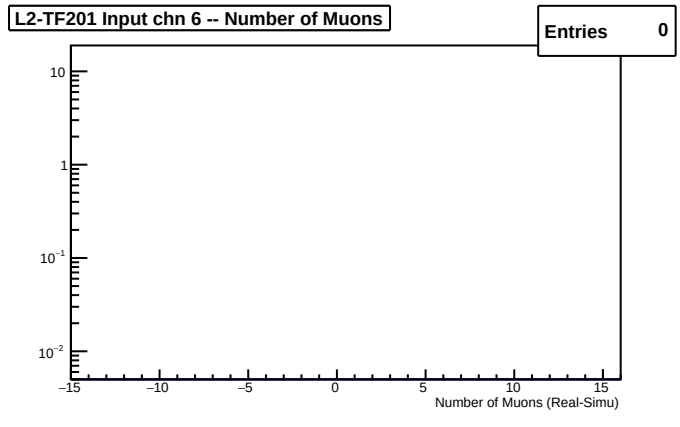

L2-TF201 Input chn 0 -- Number of Muons
Entries5404097
Number of Muons

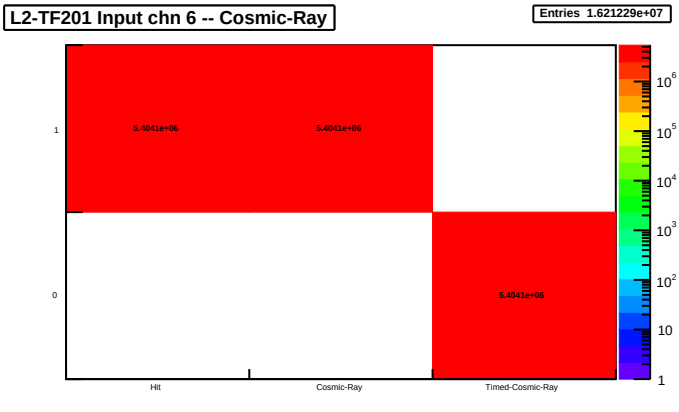

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

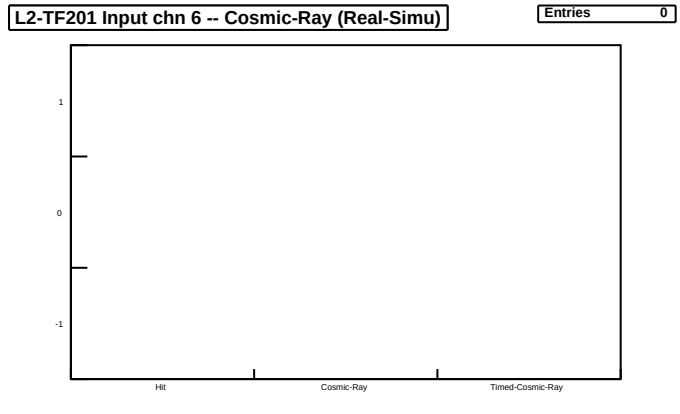

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.621229e+07
1.05156e+06
154336
146920
4.35254e+06
5.24976e+06
5.25718e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

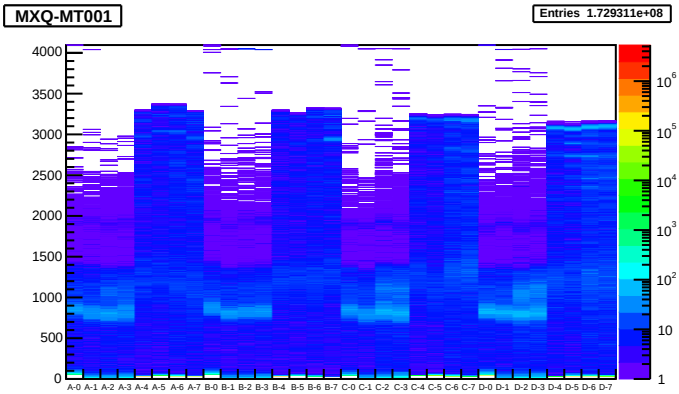

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

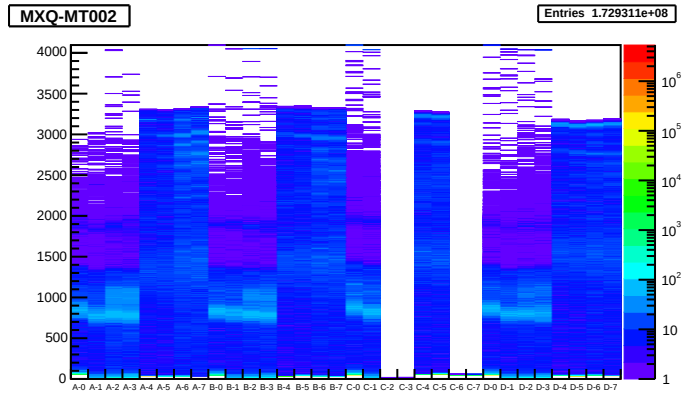

L2-TF201 Input chn 6 -- Number of Muons
Entries5404097
Number of Muons

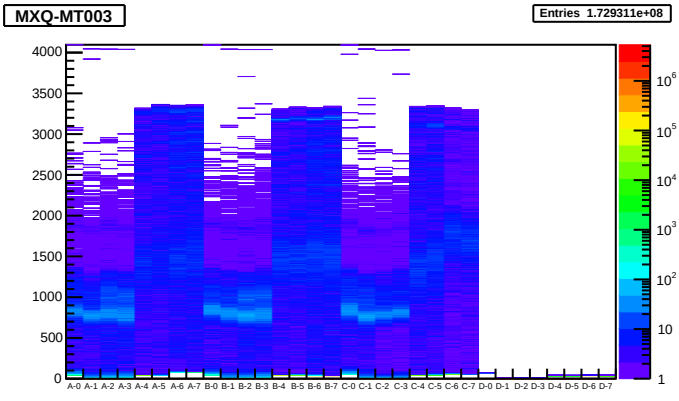

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

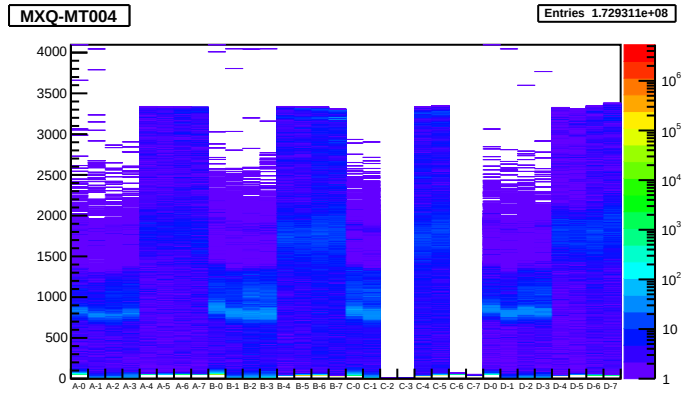

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.621229e+07
5.4041e+06
5.4041e+06
5.4041e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

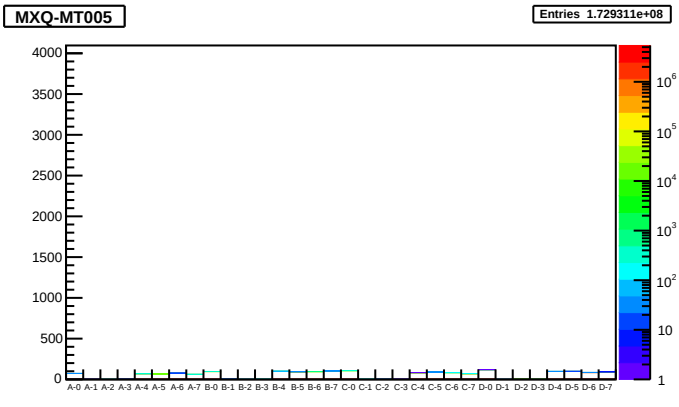

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

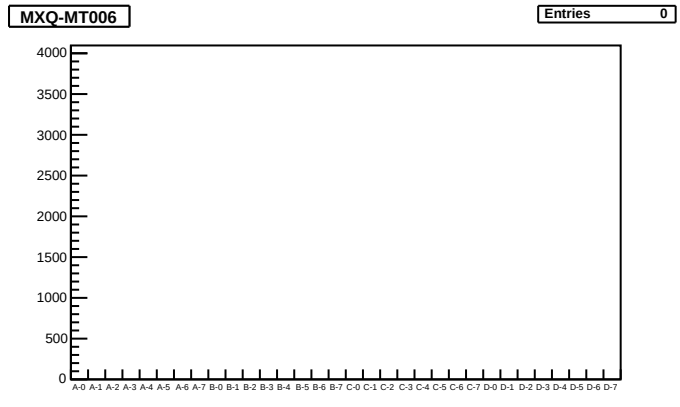

MXQ-MT001
Entries 1.729311e+08

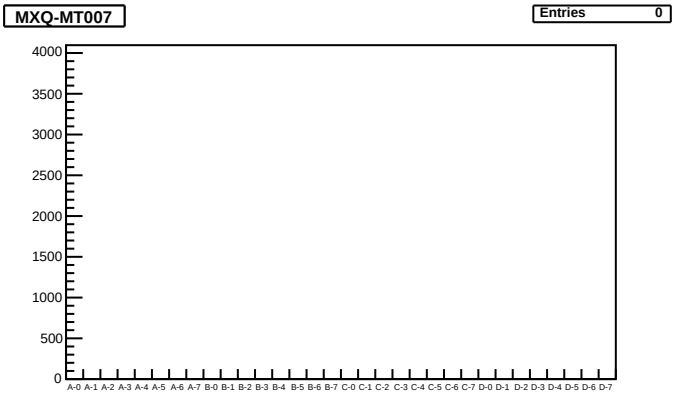

MXQ-MT002
Entries 1.729311e+08

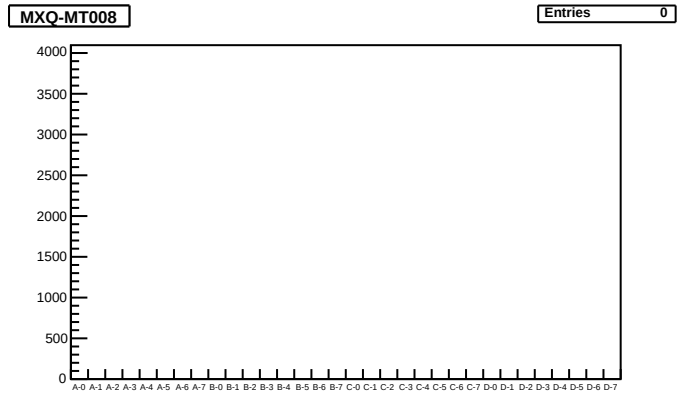

MXQ-MT003
Entries 1.729311e+08

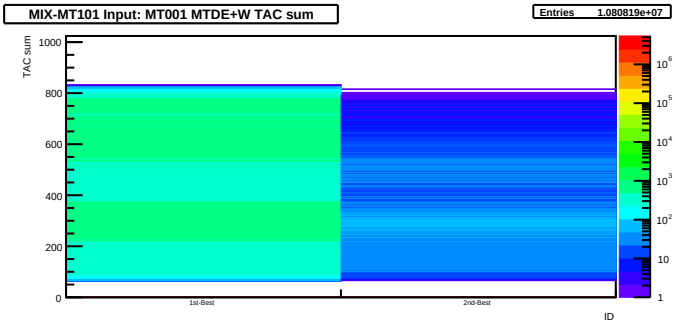

MXQ-MT004
Entries 1.729311e+08

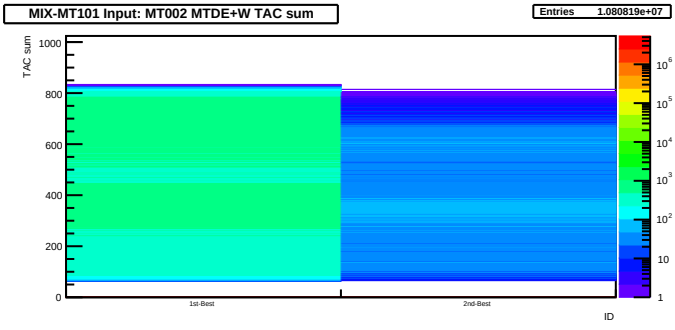

MXQ-MT005
Entries 1.729311e+08

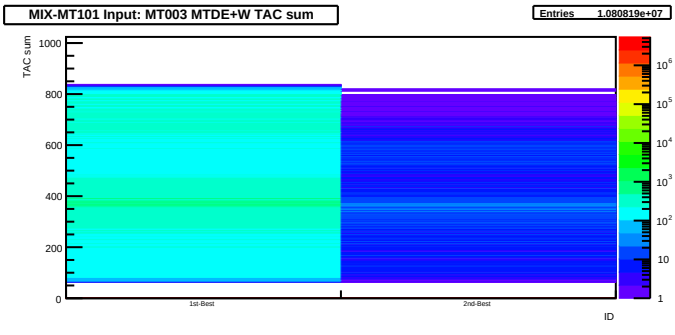

MXQ-MT006
Entries 0

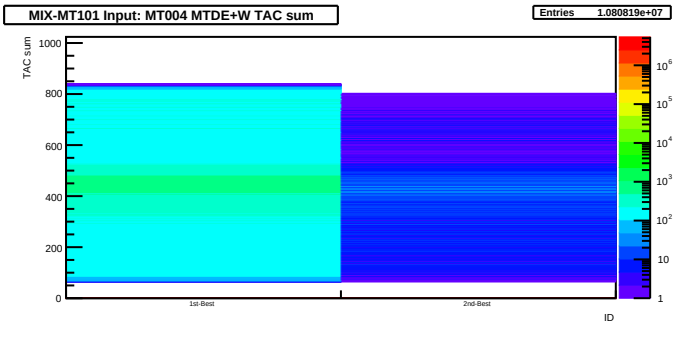

MXQ-MT007
Entries 0

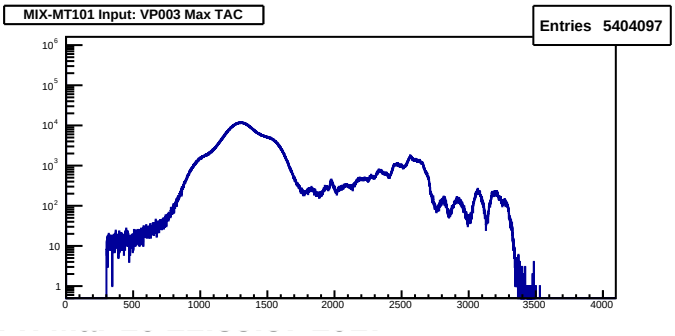

MXQ-MT008
Entries 0

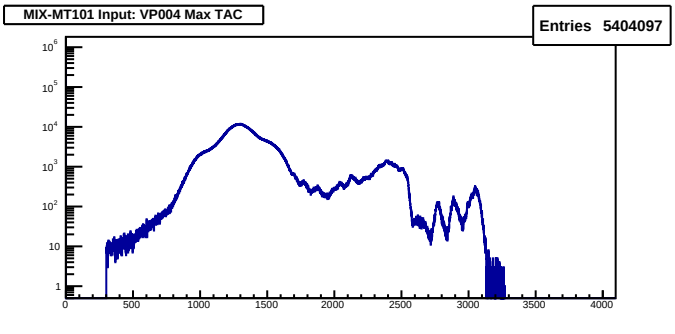

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.080819e+07
TAC sum
1st-Best
2nd-Best
ID

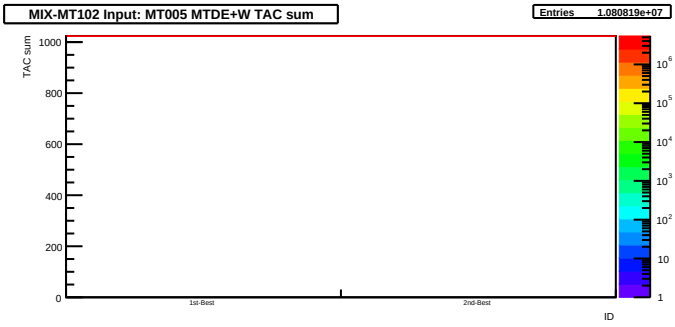

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.080819e+07
TAC sum
1st-Best
2nd-Best
ID

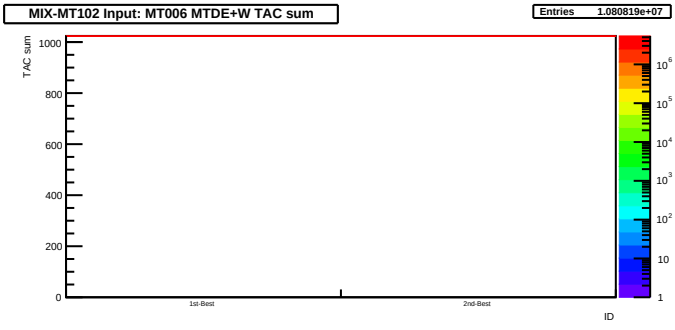

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.080819e+07
TAC sum
1st-Best
2nd-Best
ID

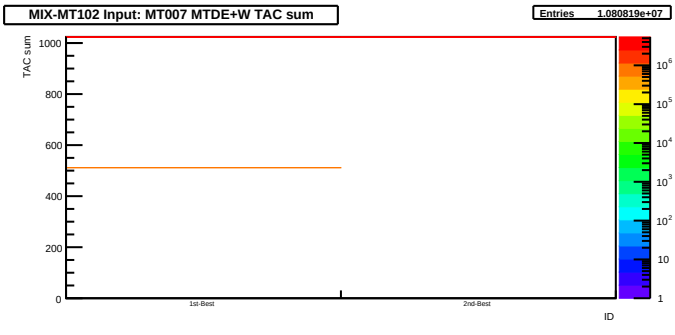

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.080819e+07
TAC sum
1st-Best
2nd-Best
ID

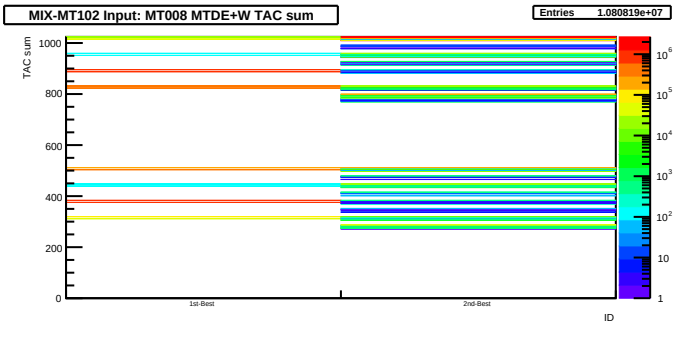

MIX-MT101 Input: VP003 Max TAC
Entries 5404097

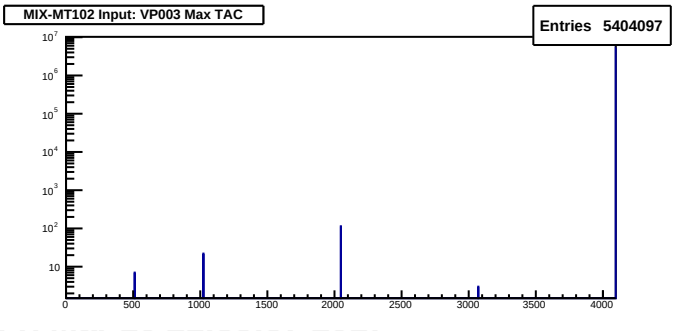

MIX-MT101 Input: VP004 Max TAC
Entries 5404097

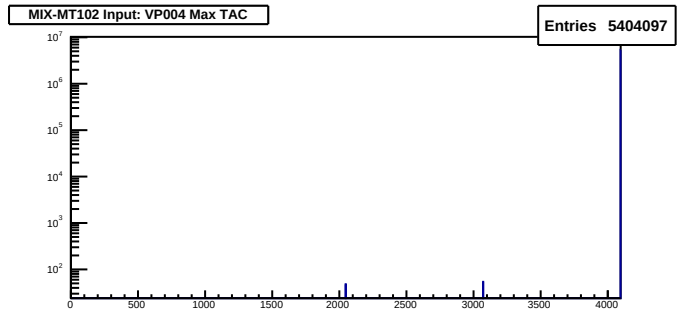

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1.080819e+07
TAC sum
1st-Best
2nd-Best
ID

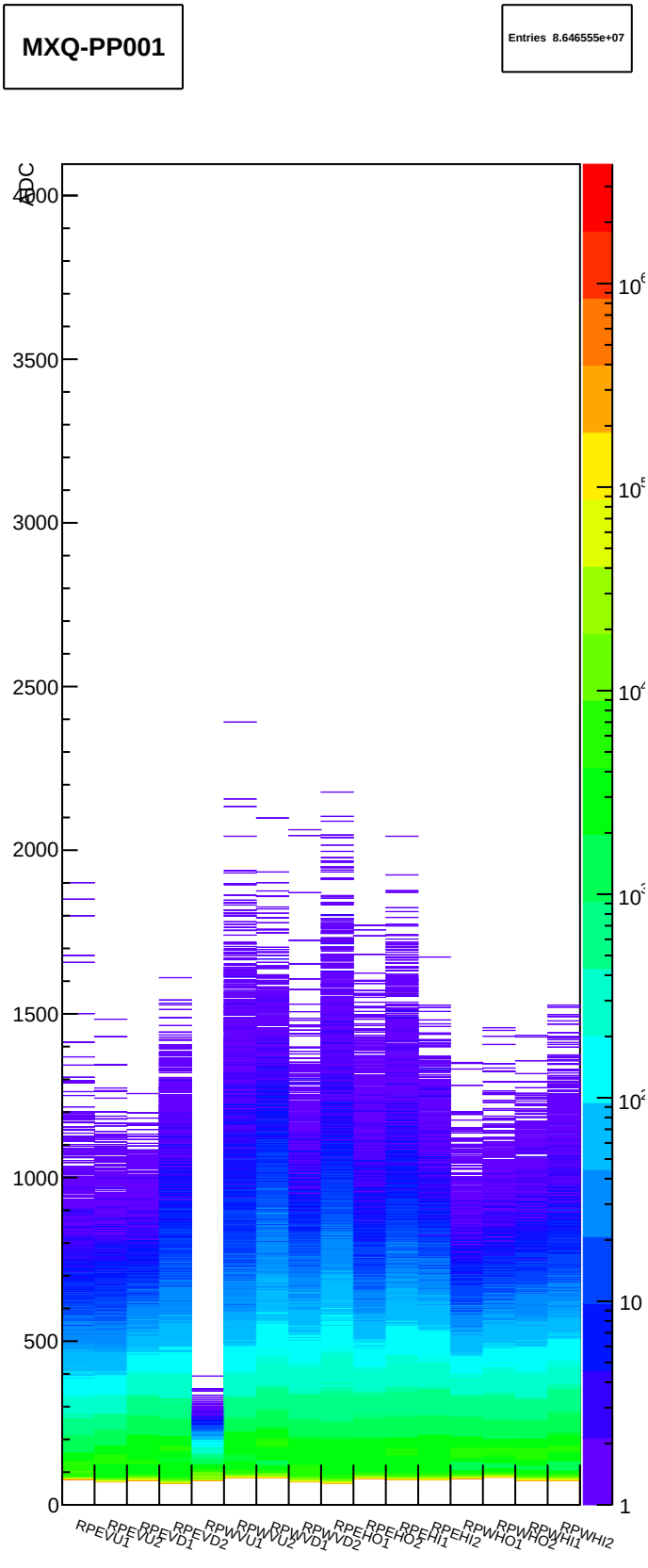

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1.080819e+07
TAC sum
1st-Best
2nd-Best
ID

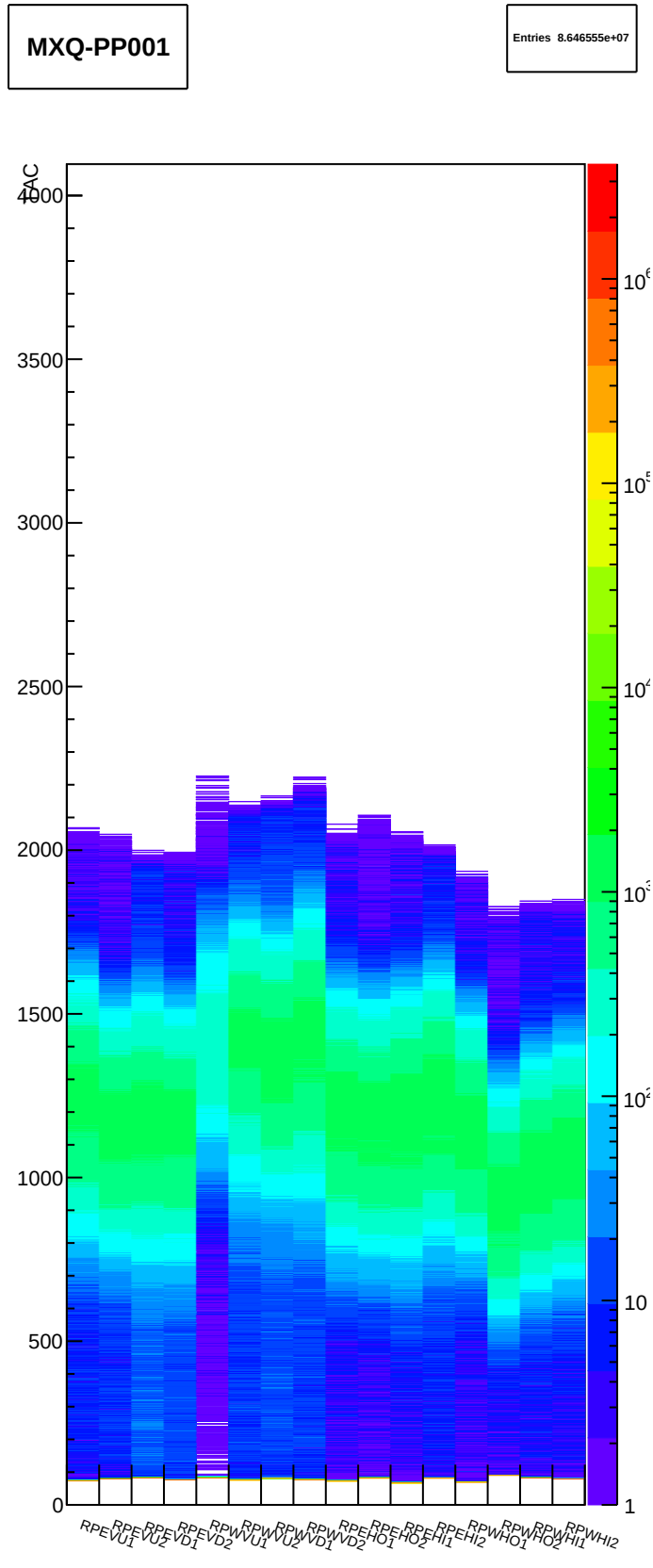

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1.080819e+07
TAC sum
1st-Best
2nd-Best
ID

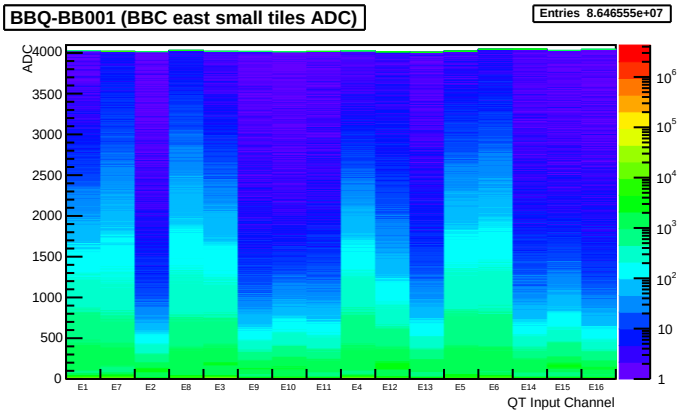

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1.080819e+07
TAC sum
1st-Best
2nd-Best
ID

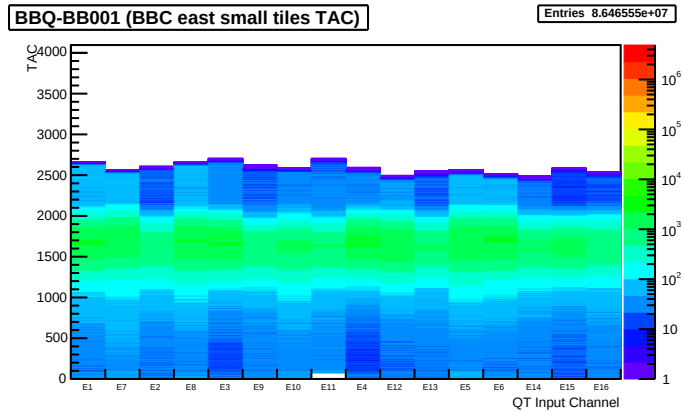

MIX-MT102 Input: VP003 Max TAC
Entries 5404097

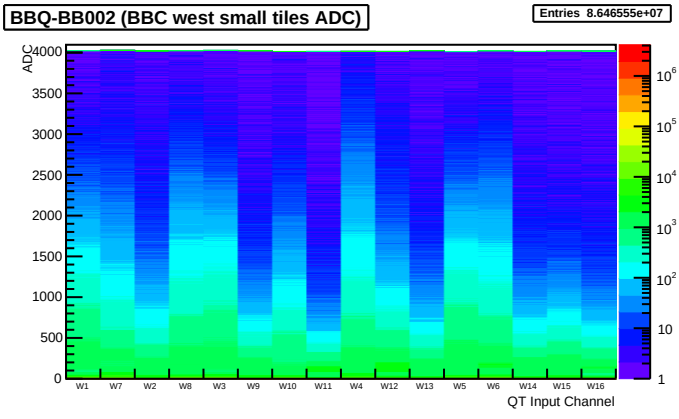

MIX-MT102 Input: VP004 Max TAC
Entries 5404097

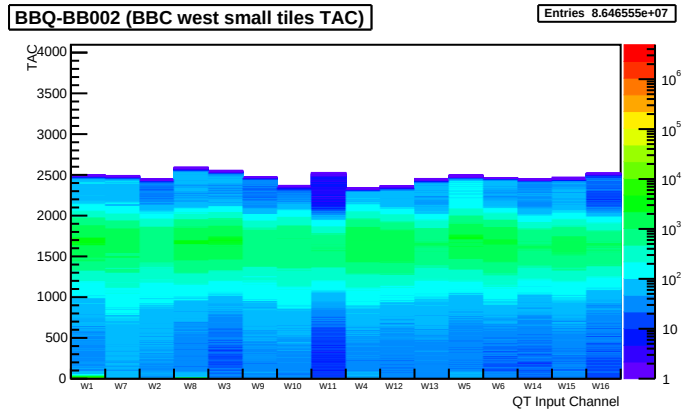

MXQ-PP001
Entries 8.646555e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

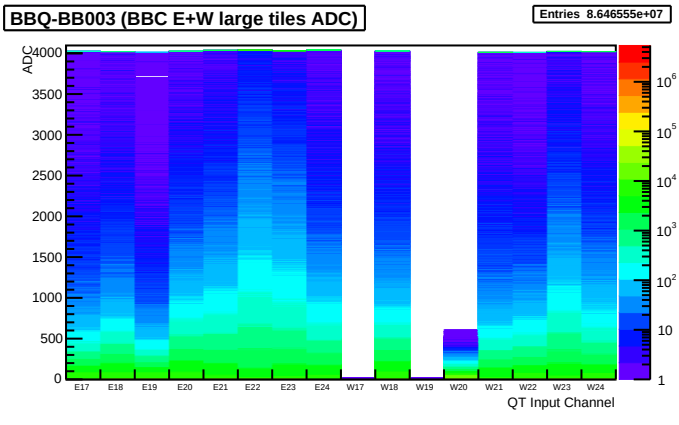

MXQ-PP001
Entries 8.646555e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

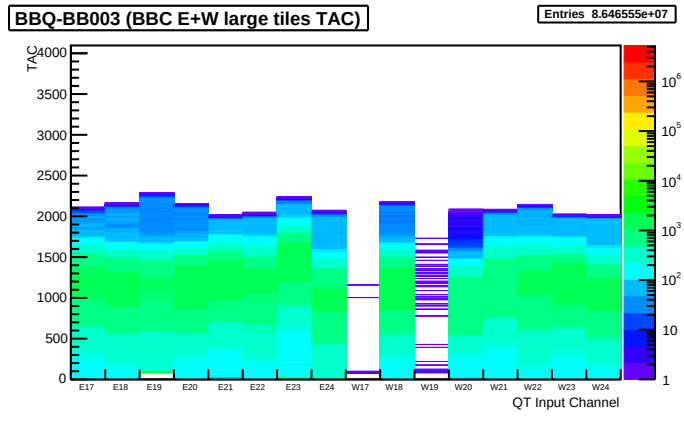

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.646555e+07
ADC
QT Input Channel

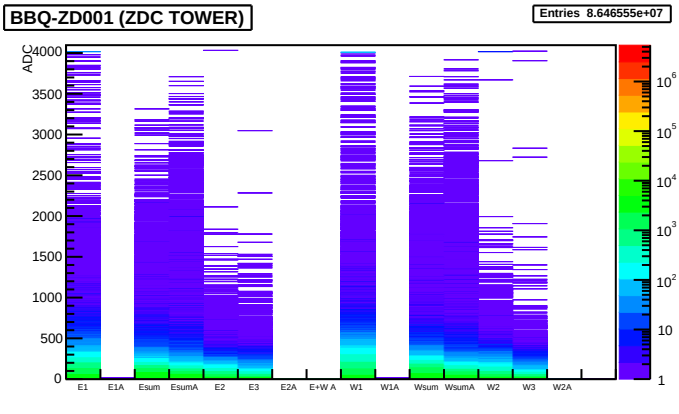

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.646555e+07
TAC
QT Input Channel

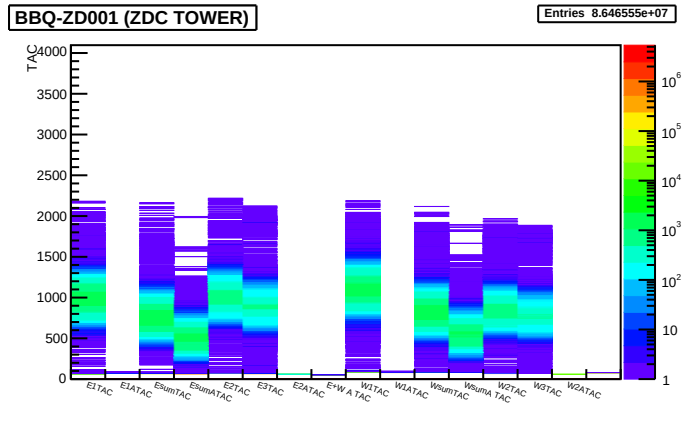

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.646555e+07
ADC
QT Input Channel

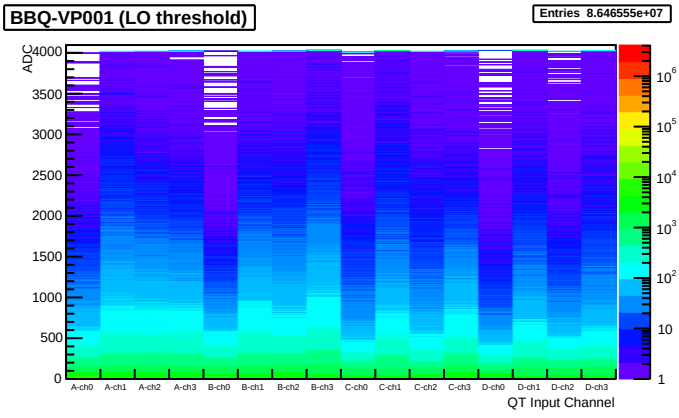

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.646555e+07
TAC
QT Input Channel

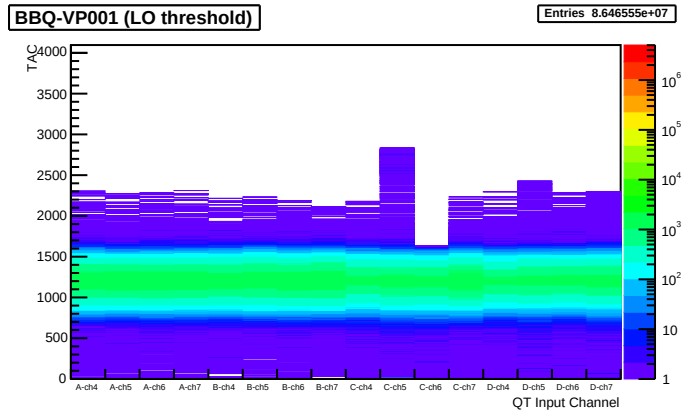

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.646555e+07
ADC
QT Input Channel

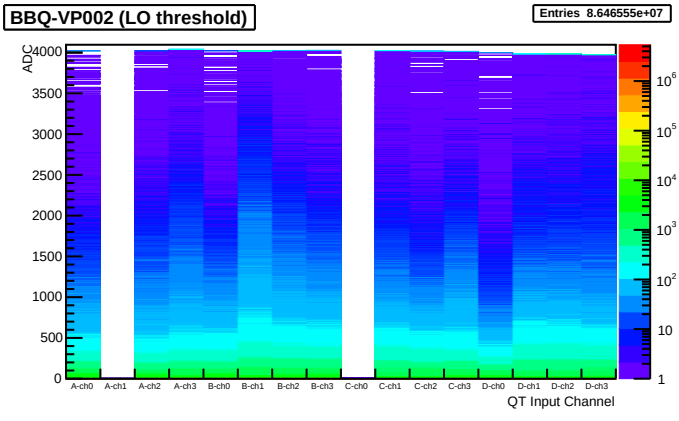

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.646555e+07
TAC
QT Input Channel

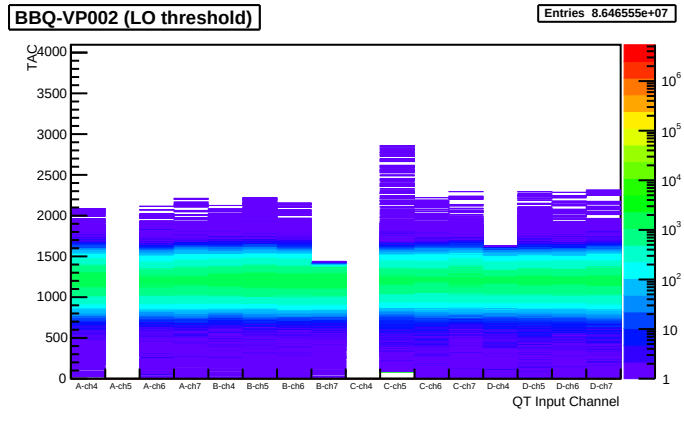

BBQ-ZD001 (ZDC TOWER)
Entries 8.646555e+07
ADC

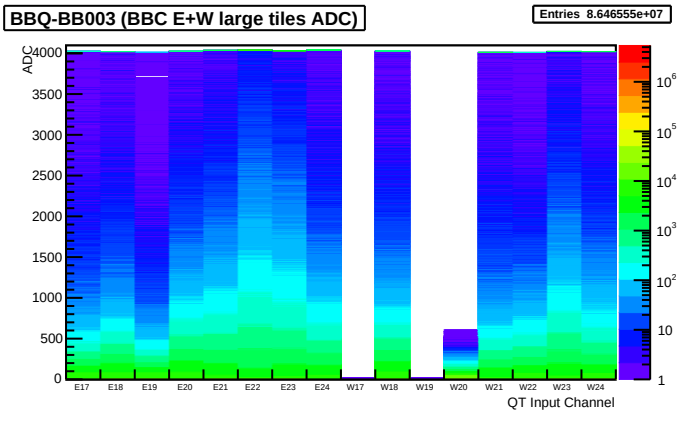

BBQ-ZD001 (ZDC TOWER)
Entries 8.646555e+07
TAC

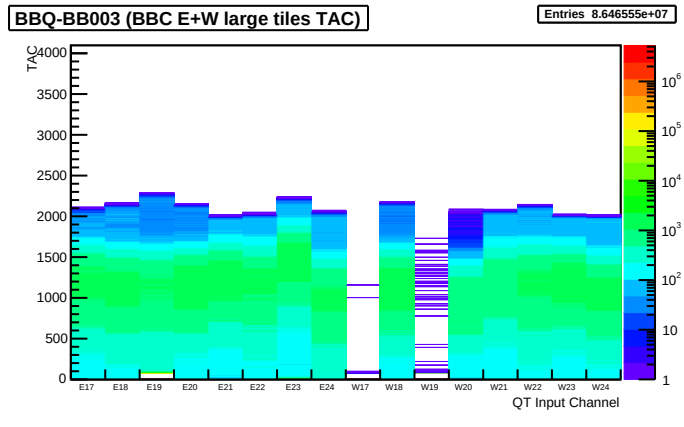

BBQ-VP001 (LO threshold)
Entries 8.646555e+07
ADC
QT Input Channel

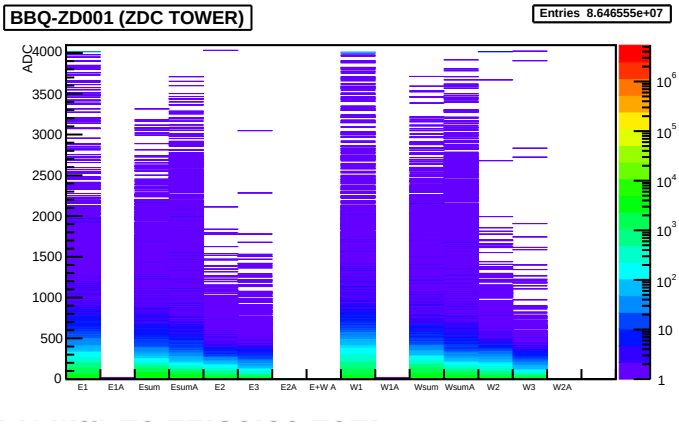

BBQ-VP001 (LO threshold)
Entries 8.646555e+07
TAC
QT Input Channel

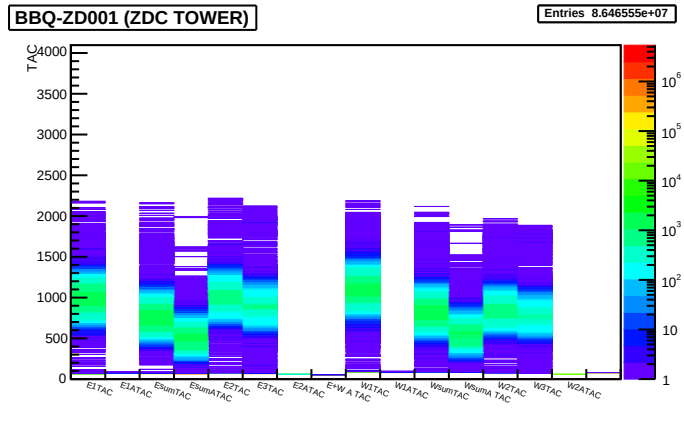

BBQ-VP002 (LO threshold)
Entries 8.646555e+07
ADC
QT Input Channel

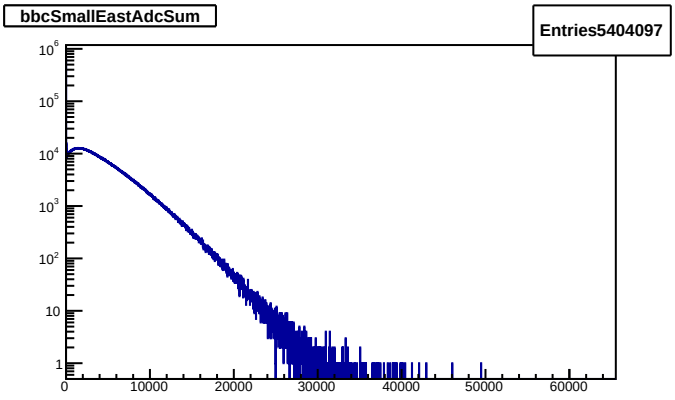

BBQ-VP002 (LO threshold)
Entries 8.646555e+07
TAC
QT Input Channel

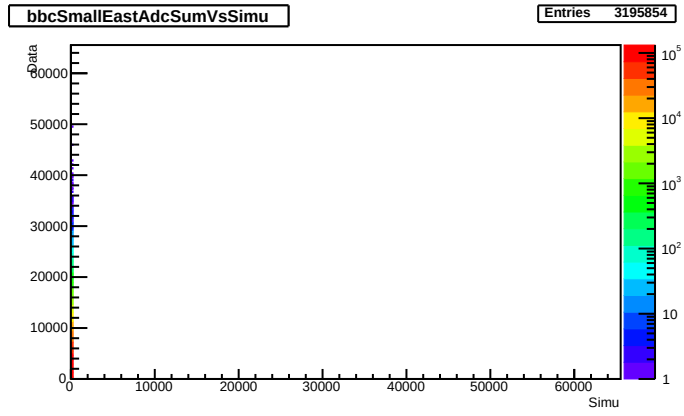

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.646555e+07
ADC
QT Input Channel

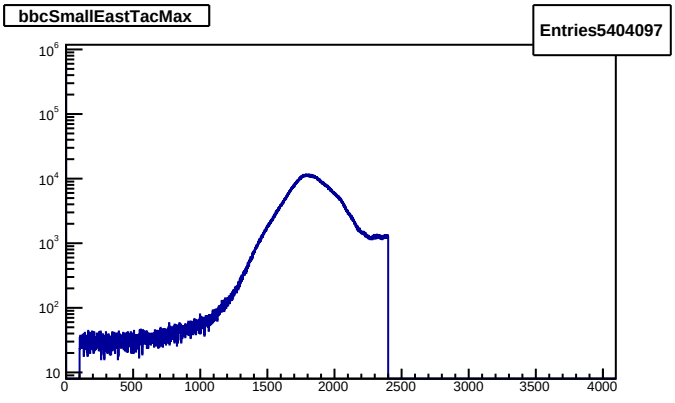

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.646555e+07
TAC
QT Input Channel

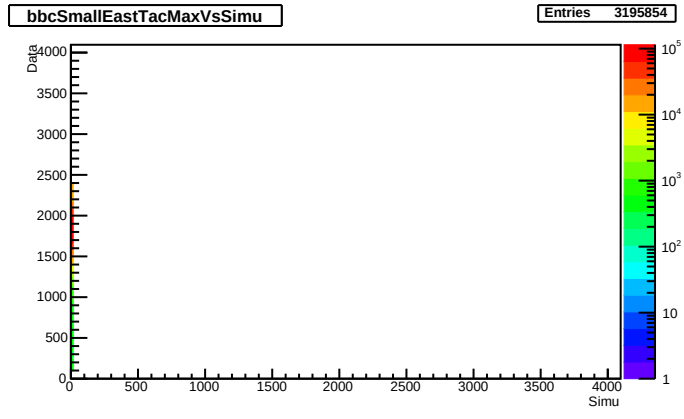

BBQ-ZD001 (ZDC TOWER)
Entries 8.646555e+07
ADC

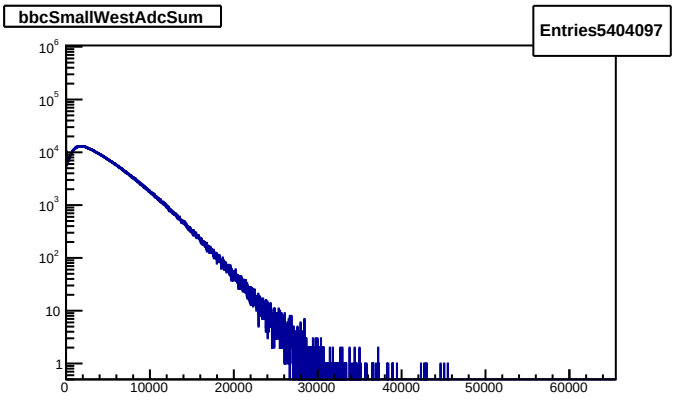

BBQ-ZD001 (ZDC TOWER)
Entries 8.646555e+07
TAC

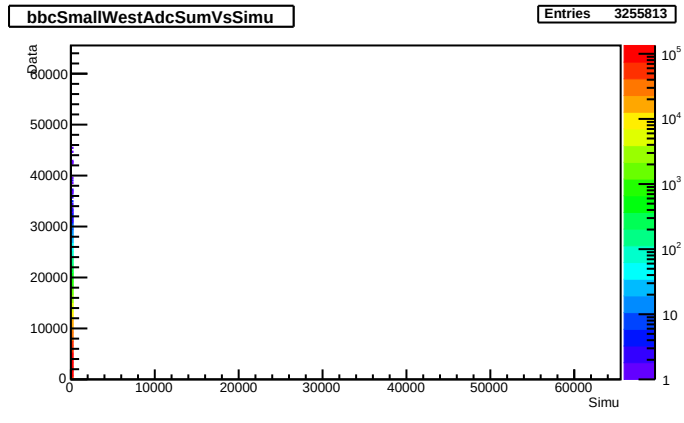

bbcSmallEastAdcSum
Entries5404097

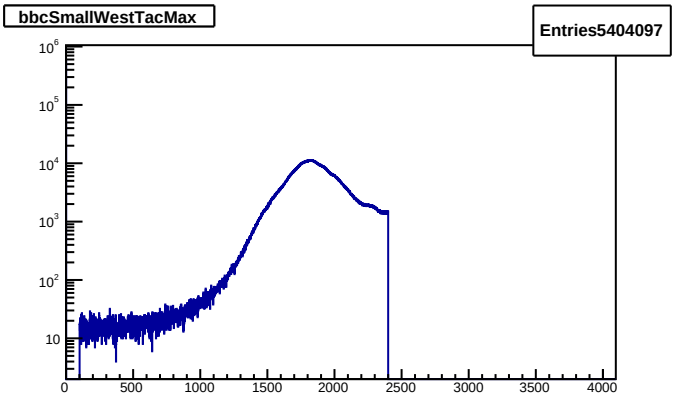

bbcSmallEastAdcSumVsSimu
Entries 3195854
Data
Simu

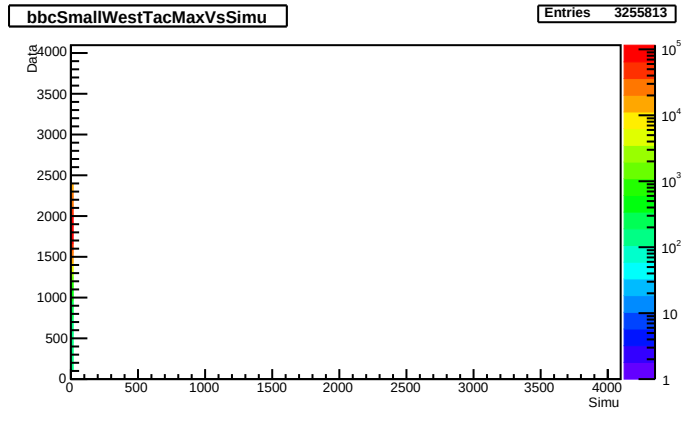

bbcSmallEastTacMax
Entries5404097

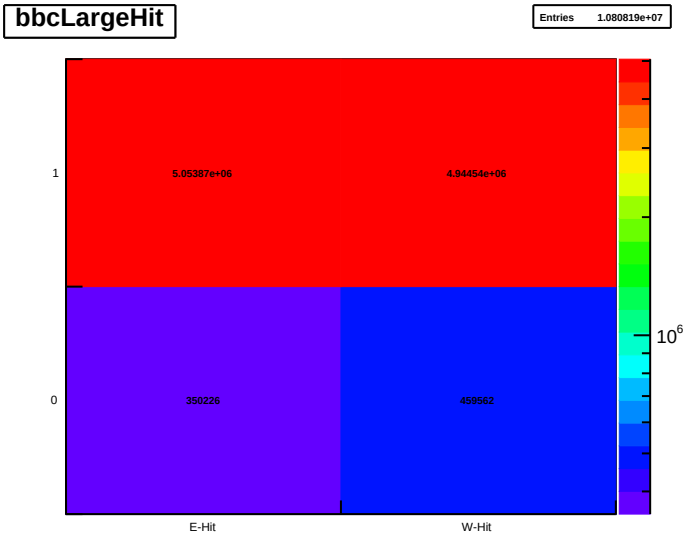

bbcSmallEastTacMaxVsSimu
Entries 3195854
Data
Simu

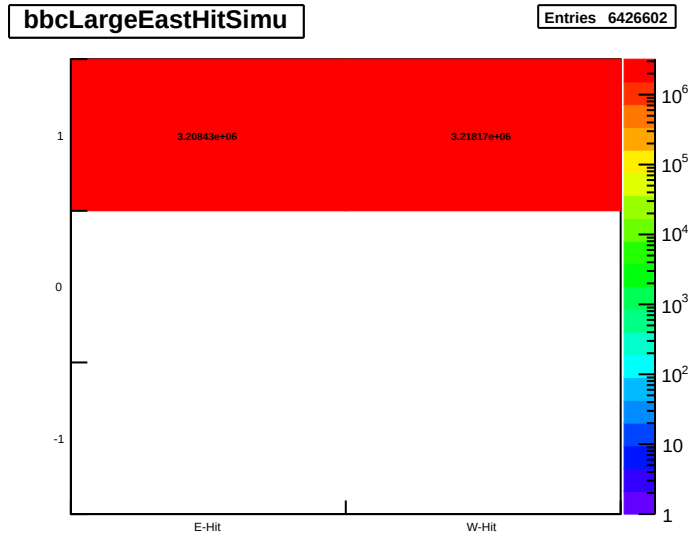

bbcSmallWestAdcSum
Entries5404097

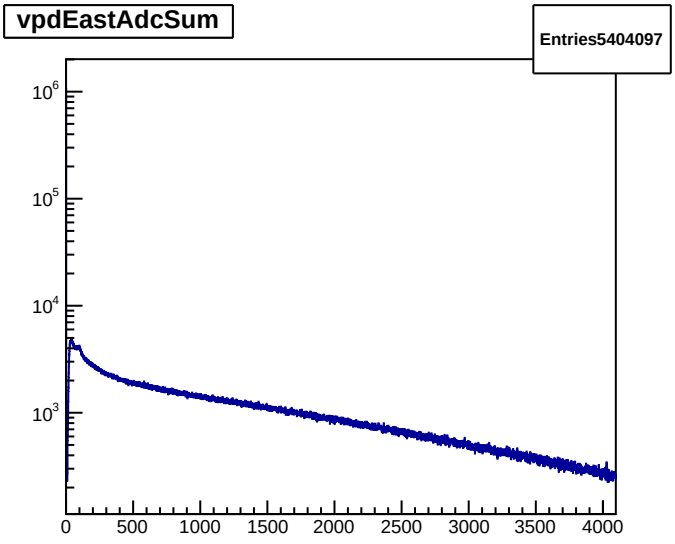

bbcSmallWestAdcSumVsSimu
Entries 3255813
Data
Simu

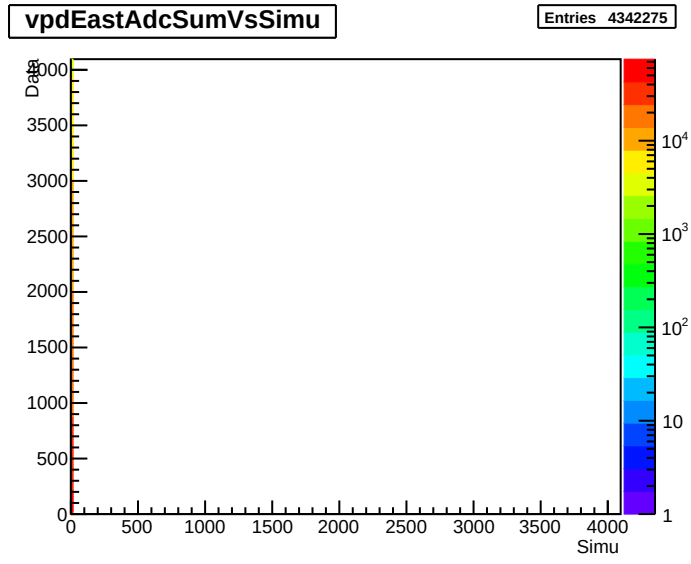

bbcSmallWestTacMax
Entries5404097

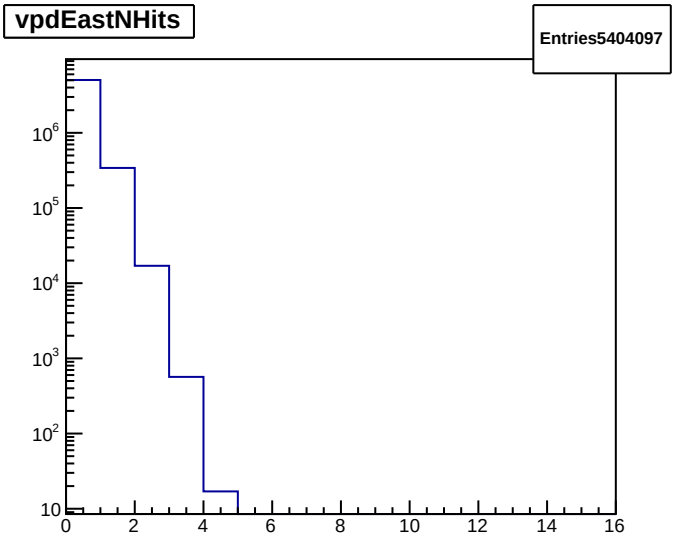

bbcSmallWestTacMaxVsSimu
Entries 3255813
Data
Simu

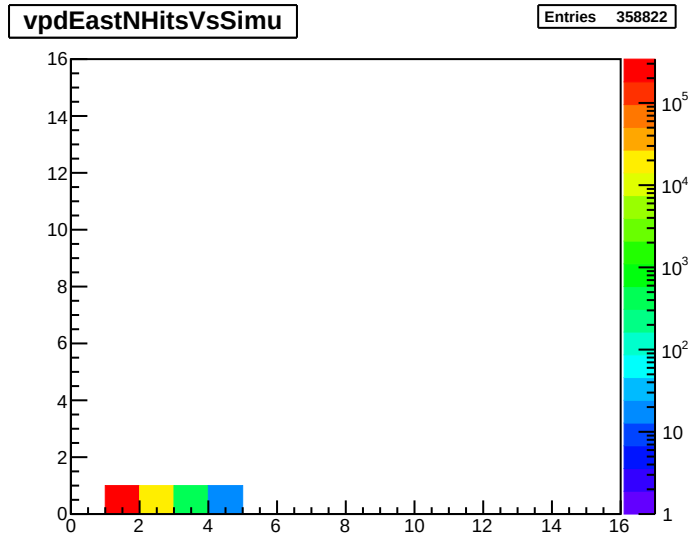

bbcLargeHit
Entries 1.080819e+07
5.05387e+06
4.94454e+06
350226
459562
1
0
E-Hit
W-Hit
10^6

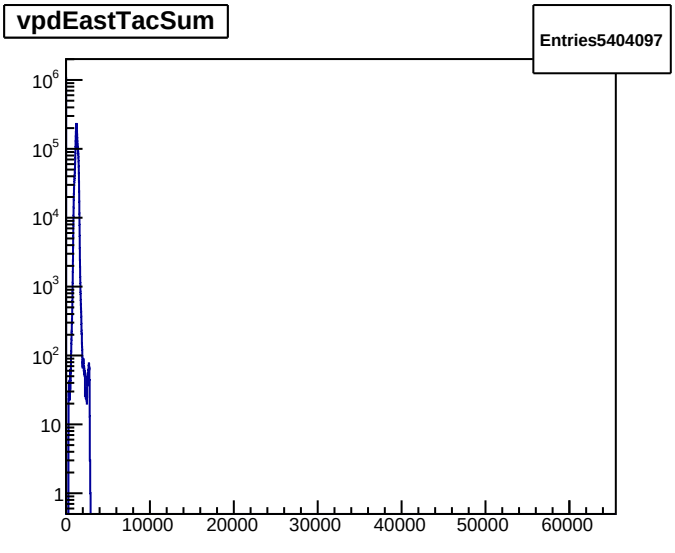

bbcLargeEastHitSimu
Entries 6426602
3.20843e+06
3.21817e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

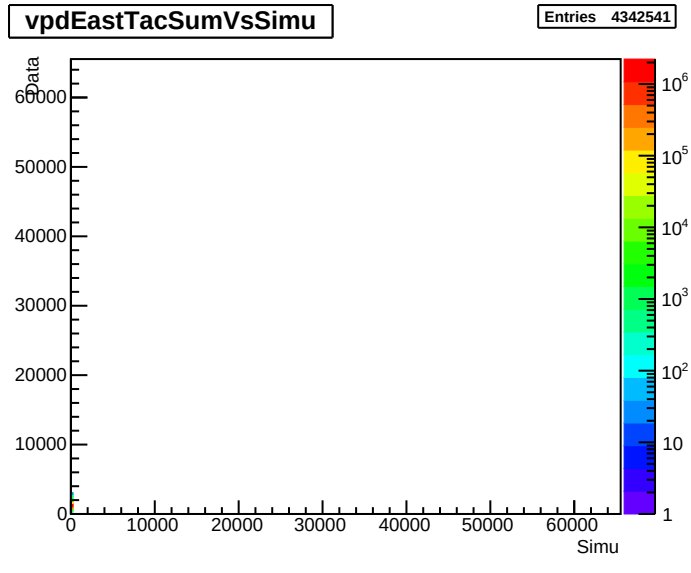

vpdEastAdcSum
Entries5404097

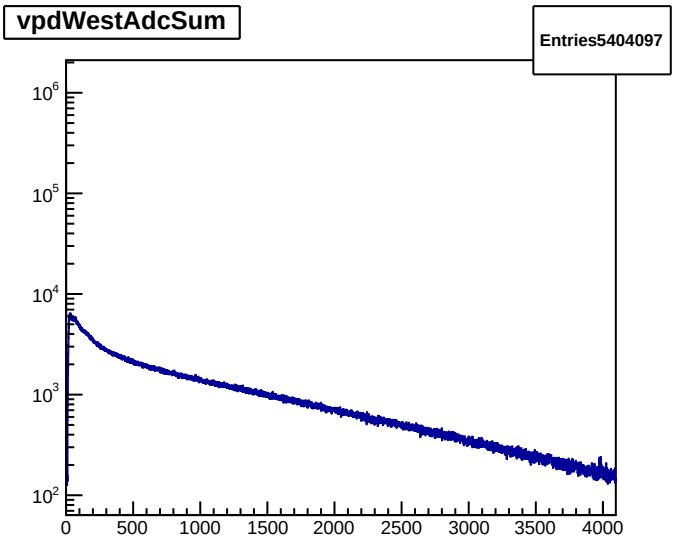

vpdEastAdcSumVsSimu
Entries 4342275
Data
Simu

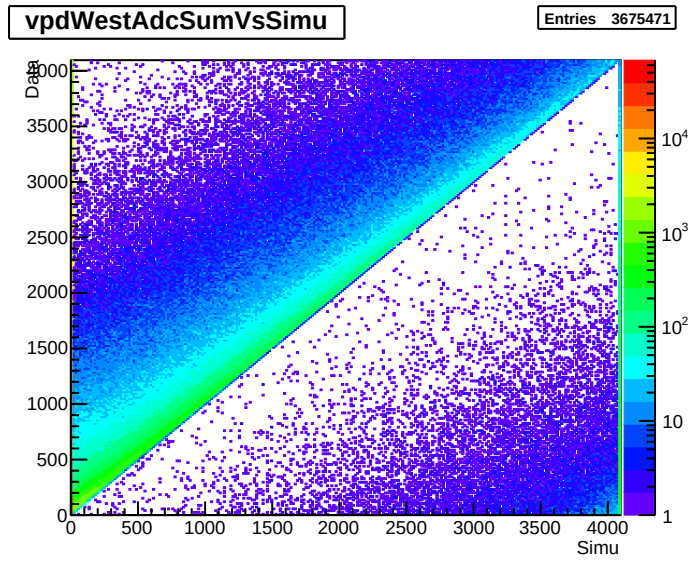

vpdEastNHits
Entries5404097

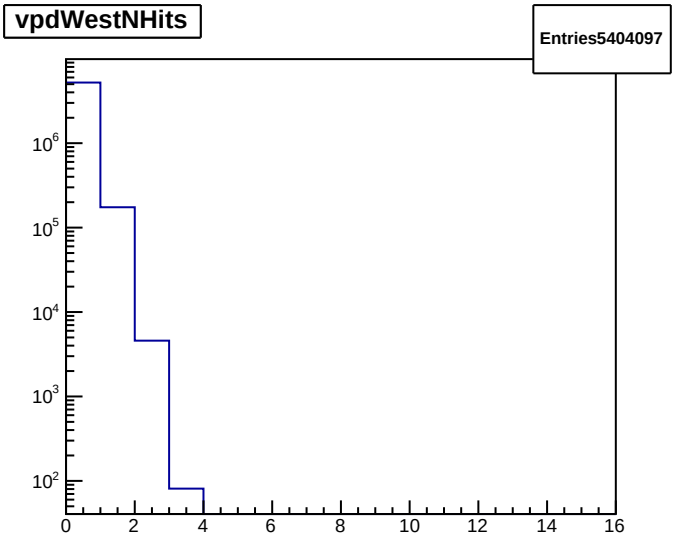

vpdEastNHitsVsSimu
Entries 358822

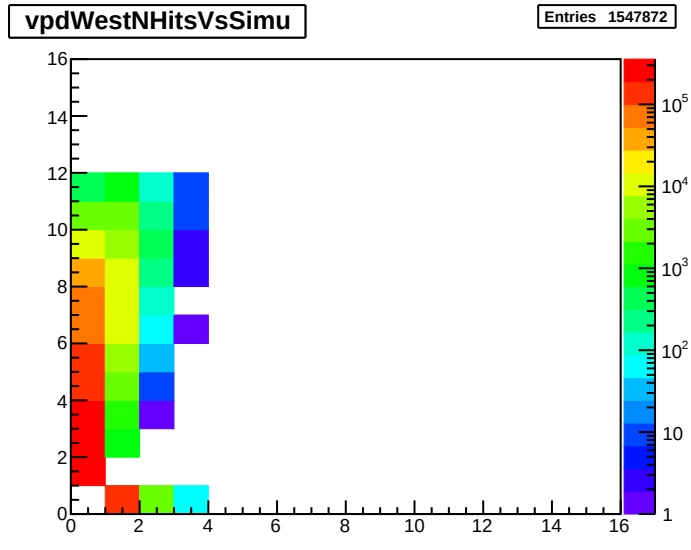

vpdEastTacSum
Entries5404097

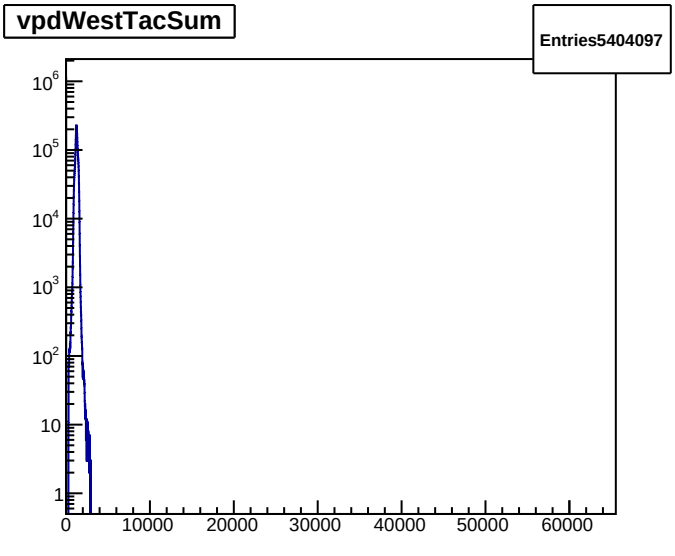

vpdEastTacSumVsSimu
Entries 4342541
Data
Simu

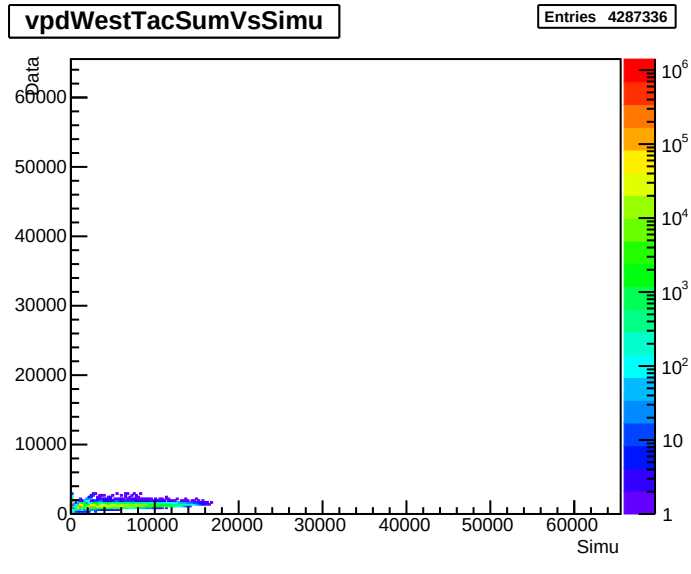

vpdWestAdcSum
Entries5404097

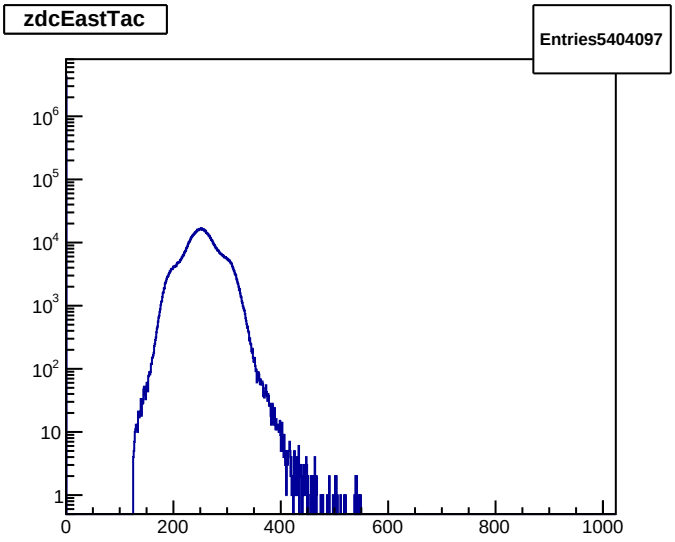

vpdWestAdcSumVsSimu
Entries 3675471
Data
Simu

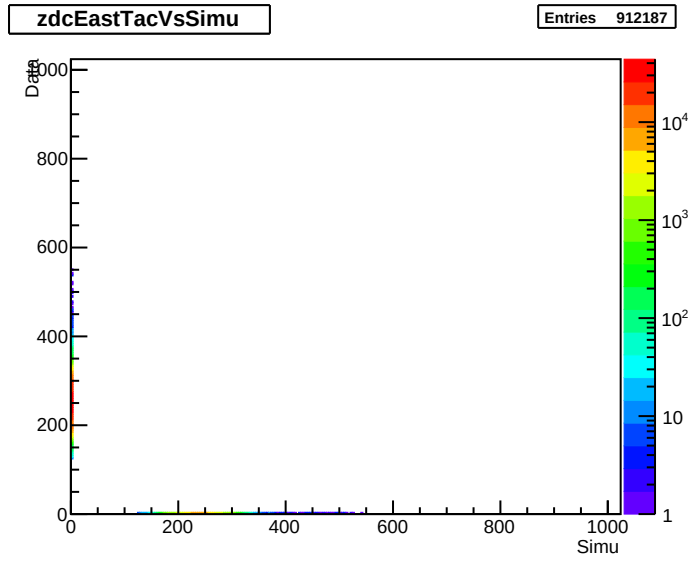

vpdWestNHits
Entries5404097

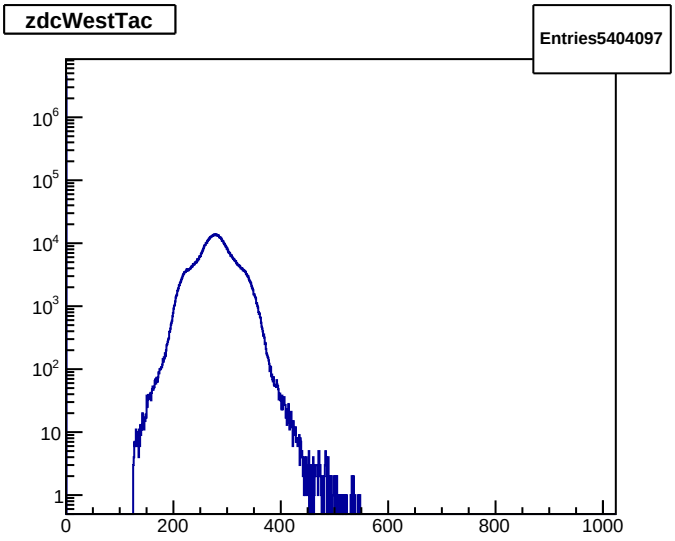

vpdWestNHitsVsSimu
Entries 1547872

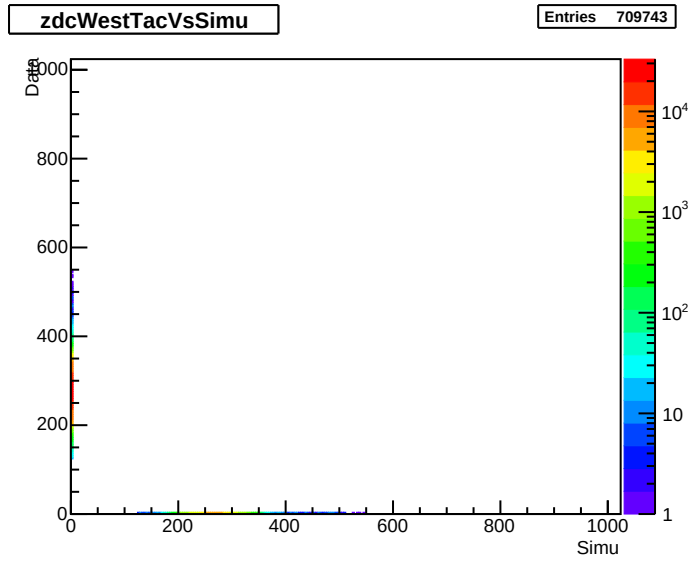

vpdWestTacSum
Entries5404097

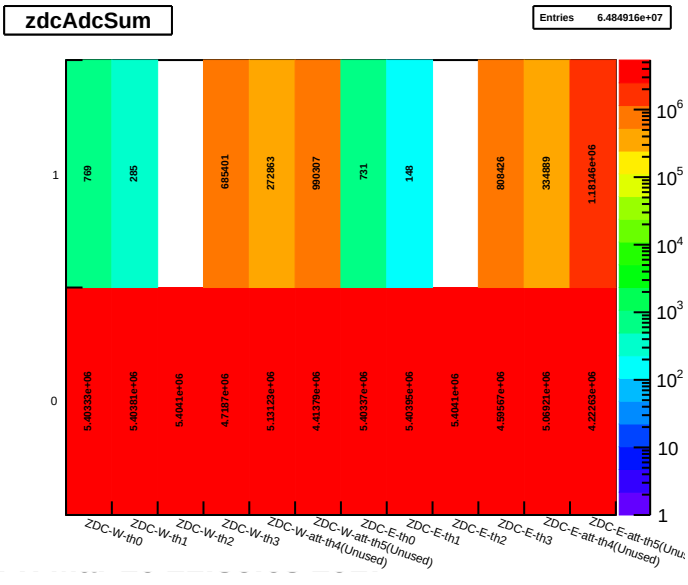

vpdWestTacSumVsSimu
Entries 4287336
Data
Simu

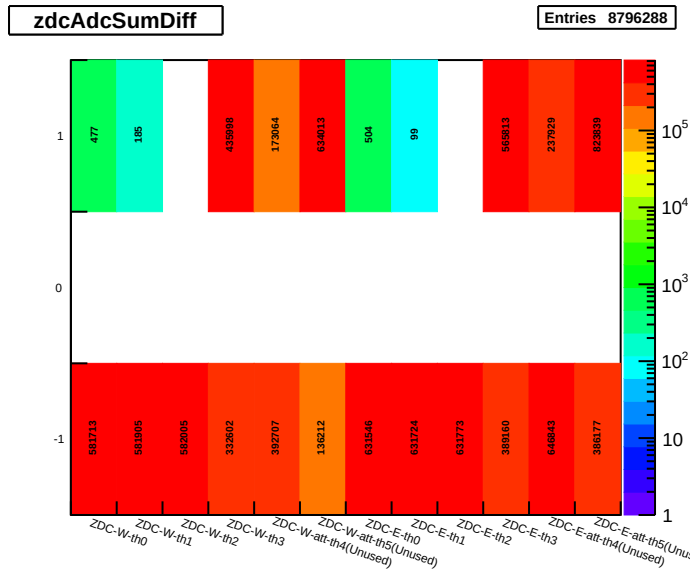

zdcEastTac
Entries5404097

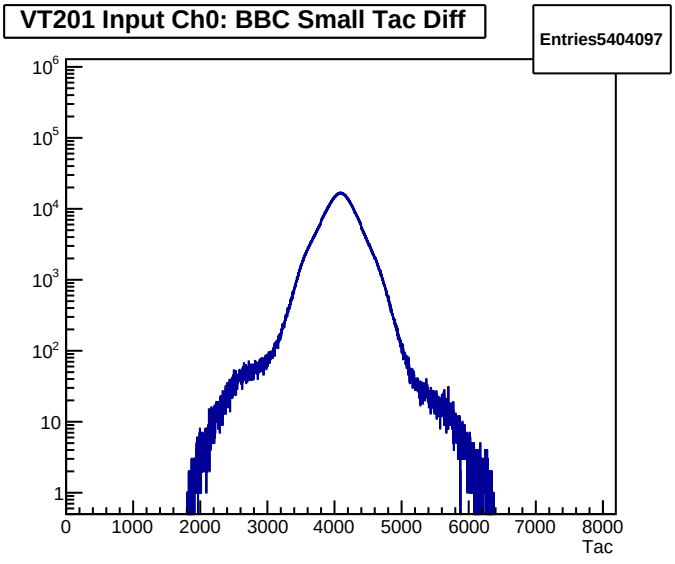

zdcEastTacVsSimu
Entries 912187
Data
Simu

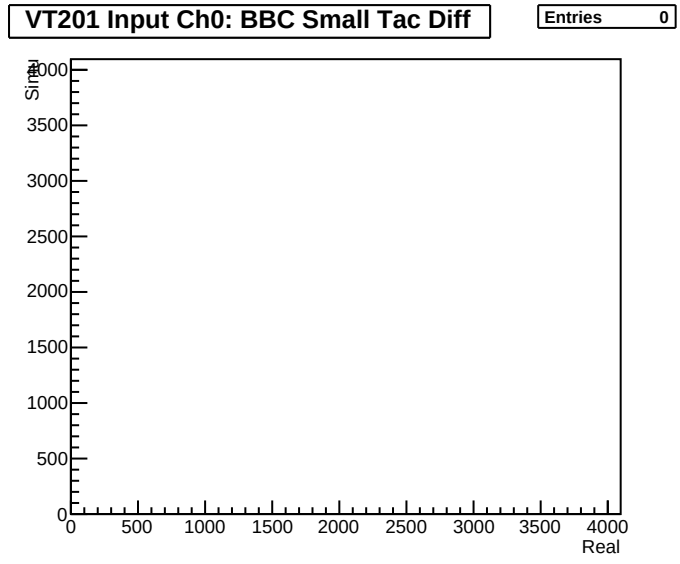

zdcWestTac
Entries5404097

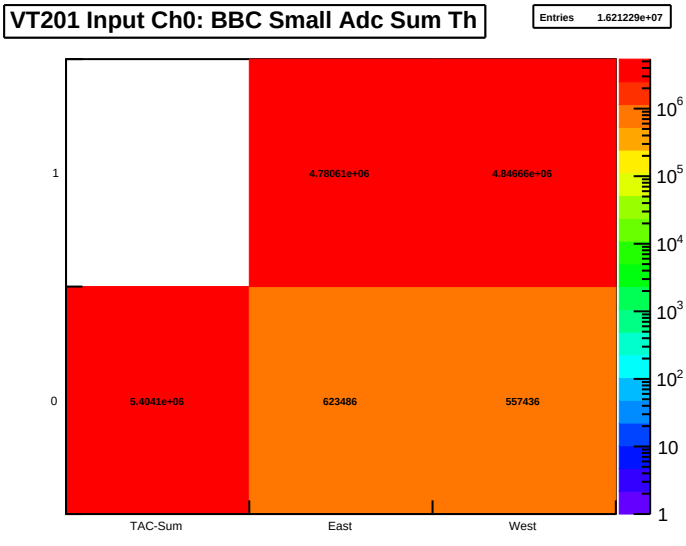

zdcWestTacVsSimu
Entries 709743
Data
Simu

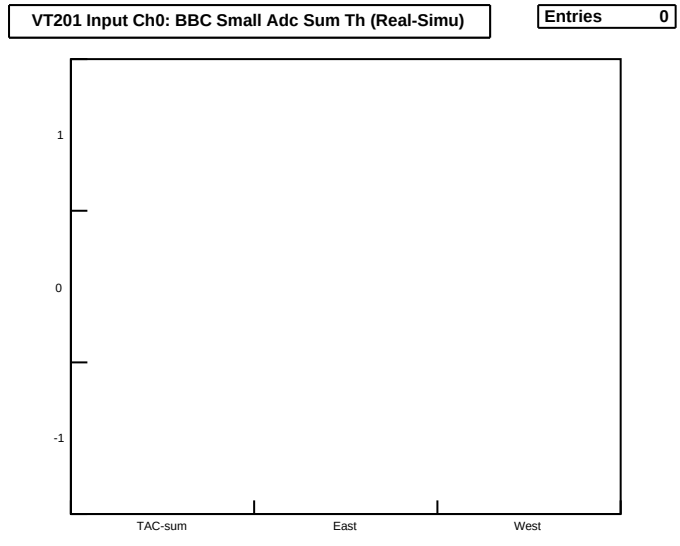

zdcAdcSum
Entries 6.484916e+07
769
285
685401
272863
990307
731
148
809426
334889
1.16146e+06
5.40332e+06
5.40381e+05
5.4041e+06
4.7187e+06
5.13123e+06
4.41379e+06
5.40337e+06
5.40395e+06
5.4041e+06
4.59567e+06
5.06921e+06
4.22263e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

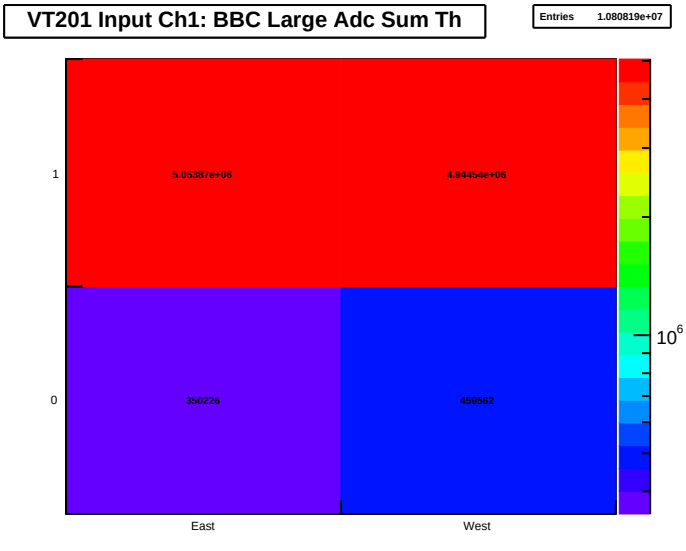

zdcAdcSumDiff
Entries 8796288
477
185
439998
173064
634013
504
99
565813
237929
823939
581713
581905
582005
332602
392707
136212
631546
631724
631773
389160
646843
386177
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

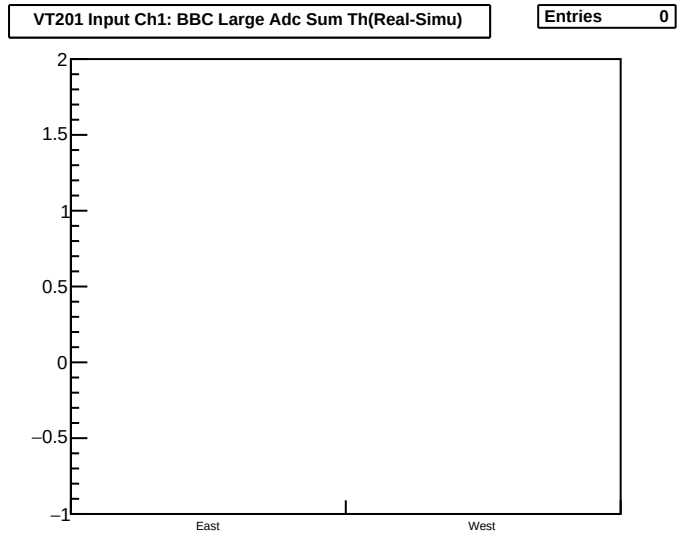

VT201 Input Ch0: BBC Small Tac Diff
Entries5404097
Tac


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

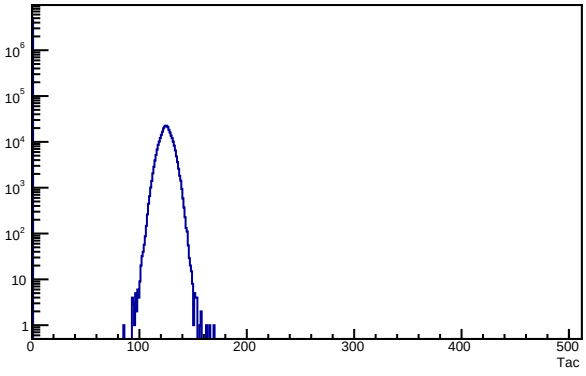

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.621229e+07
4.78061e+06
4.84666e+06
5.4041e+06
623486
557436
TAC-Sum
East
West


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

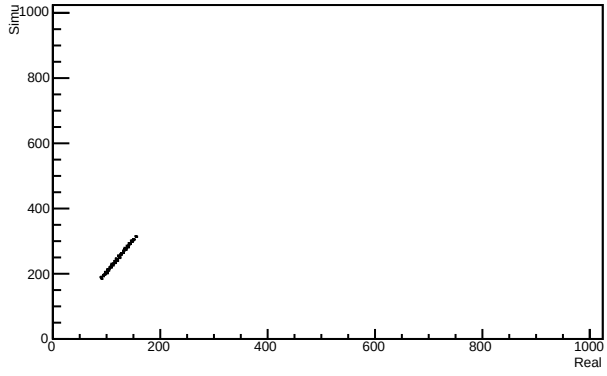

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.080819e+07
5.05387e+06
4.94454e+06
350226
459562
East
West


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

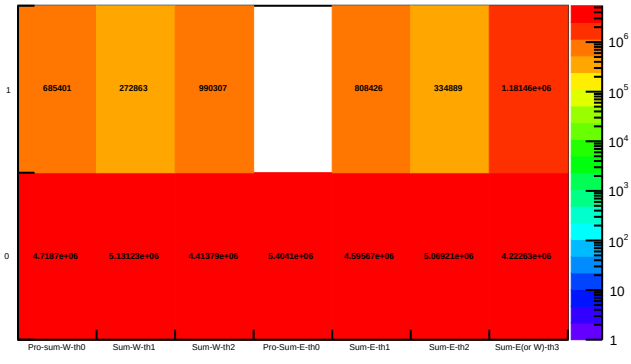
VT201 Input Ch2: ZDC Tac Diff



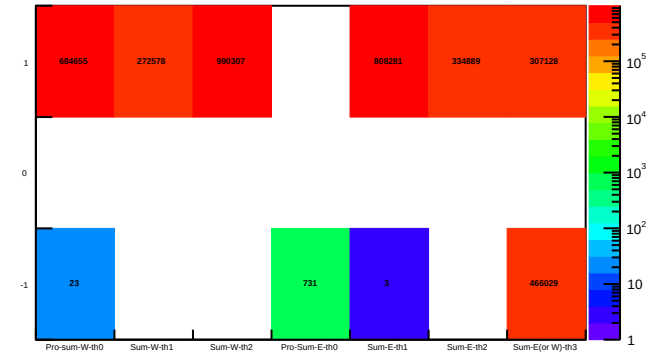
VT201 Input Ch2: ZDC Tac Diff



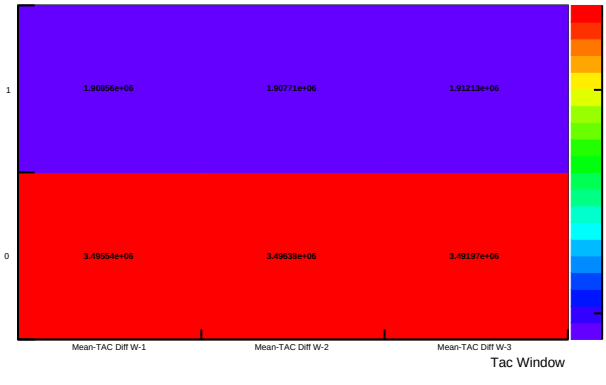
VT201 Input Ch2: ZDC Adc Sum Th



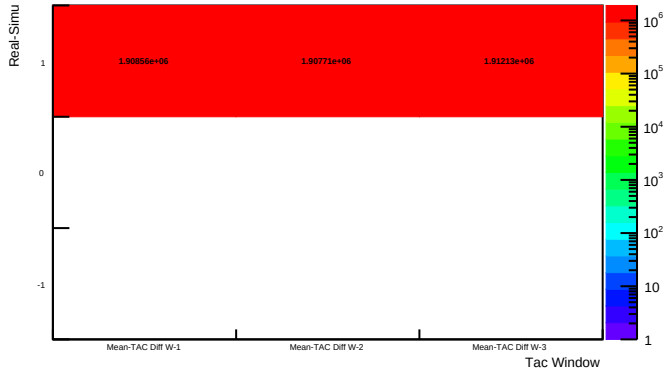
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



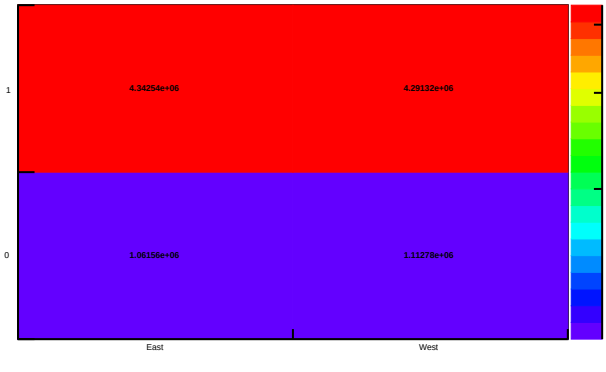
VT201 Input Ch4: VPD Tac Diff



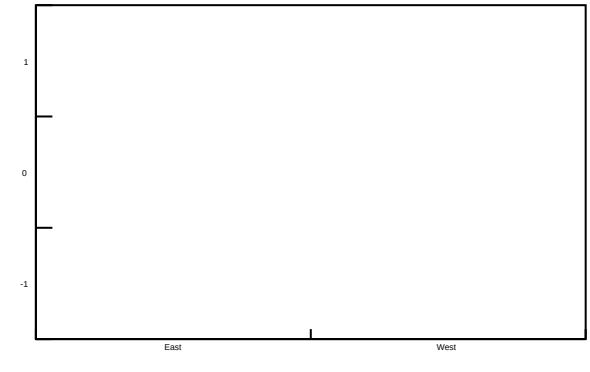
VT201 Input Ch4: VPD Tac Diff

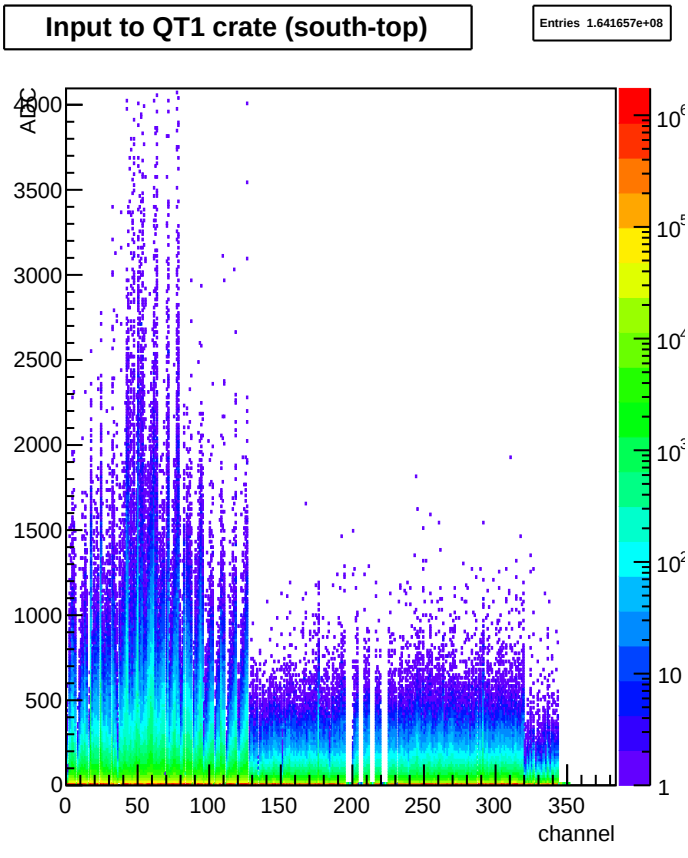


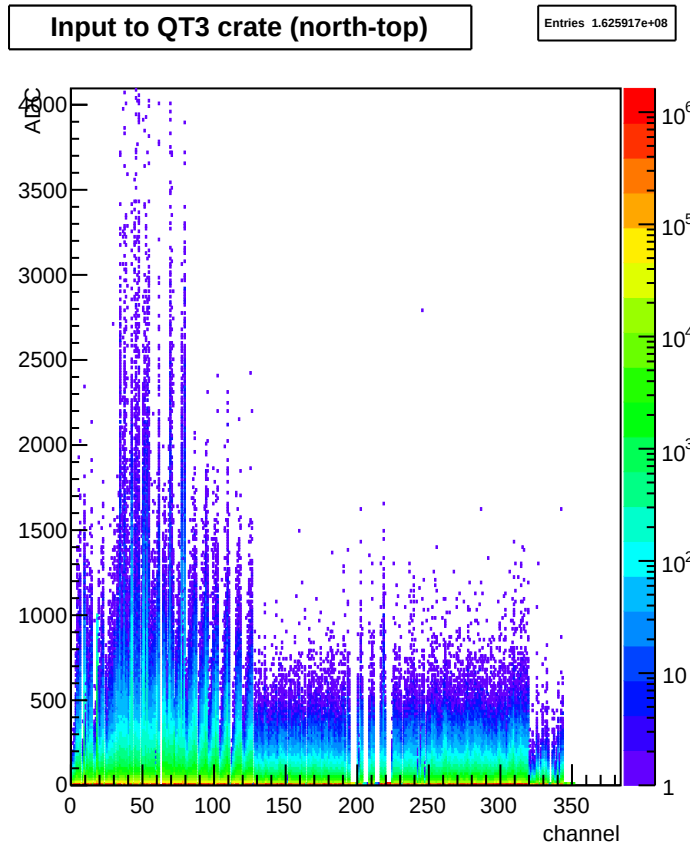
VT201 Input Ch4: VPD Adc Sum Th

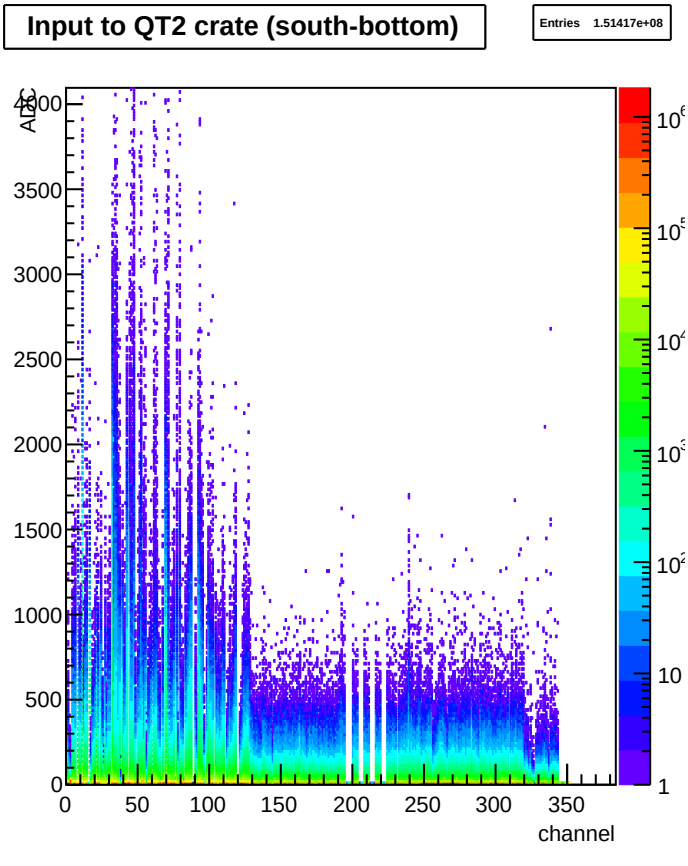


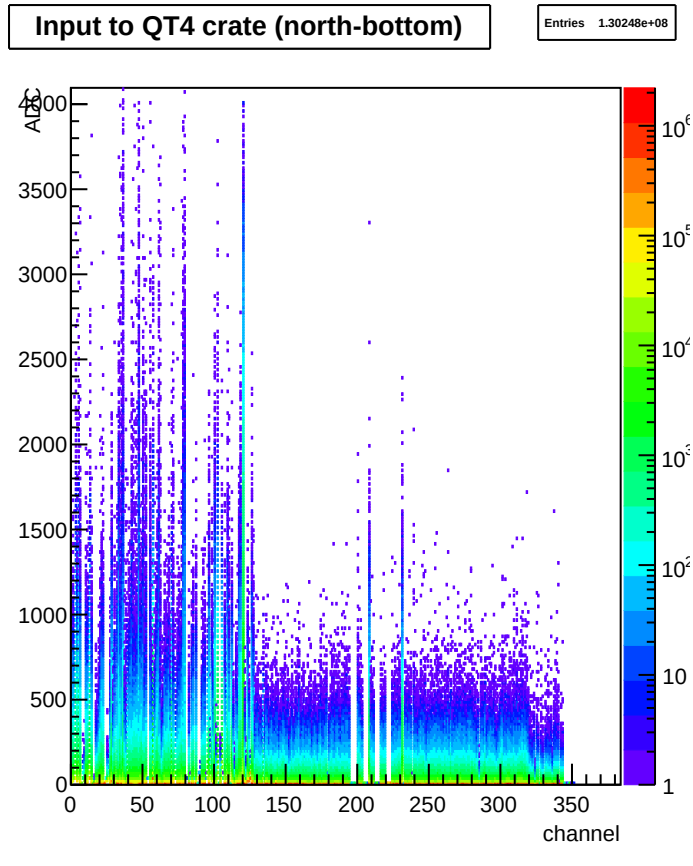
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

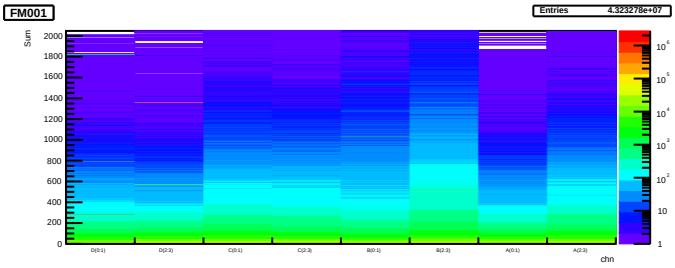


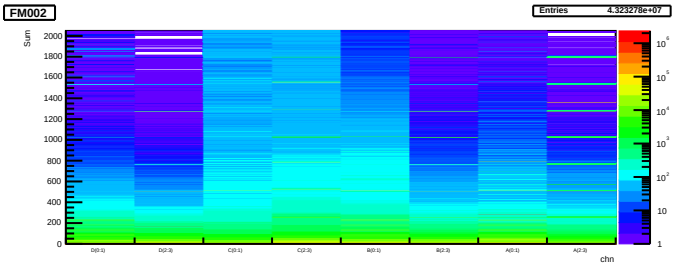

Input to QT1 crate (south-top)
Entries 1.641657e+08
ADC
channel

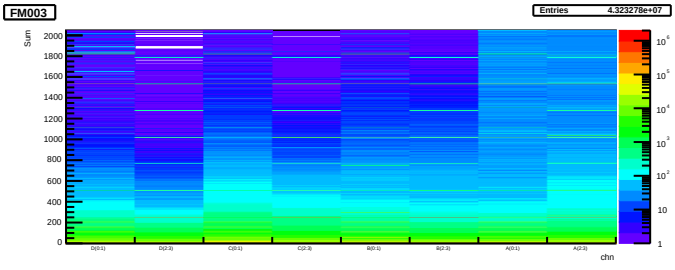

Input to QT3 crate (north-top)
Entries 1.625917e+08
ADC
channel

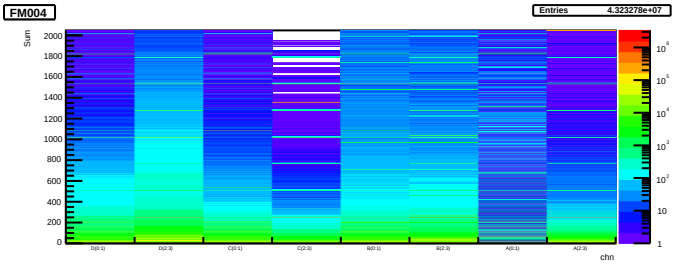

Input to QT2 crate (south-bottom)
Entries 1.51417e+08
ADC
channel

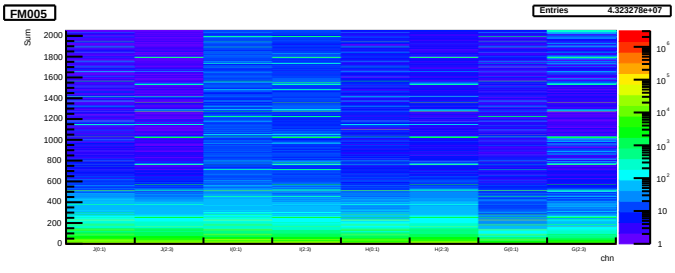

Input to QT4 crate (north-bottom)
Entries 1.30248e+08
ADC
channel

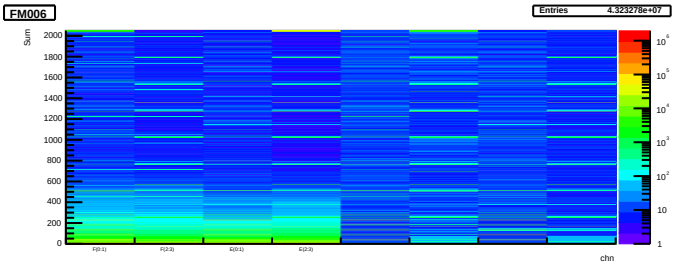

FM001
Entries 4.323278e+07
Sum
chn

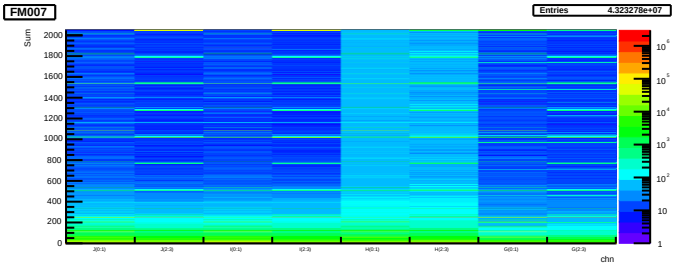

FM002
Entries 4.323278e+07
Sum
chn


FM003
Entries 4.323278e+07
Sum
chn


FM004
Entries 4.323278e+07
Sum
chn


FM005
Entries 4.323278e+07
Sum
chn


FM006
Entries 4.323278e+07
Sum
chn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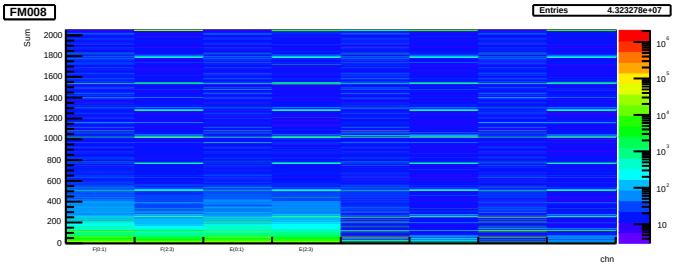
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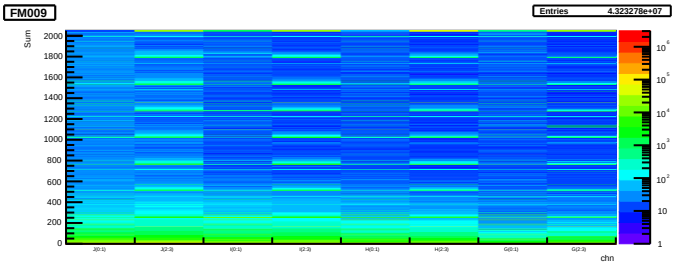
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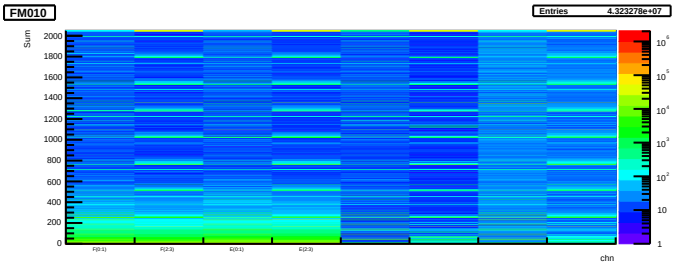
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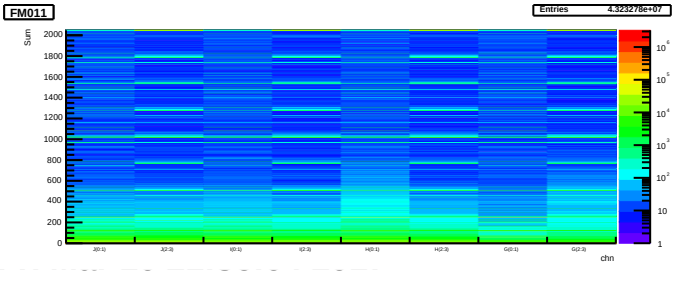
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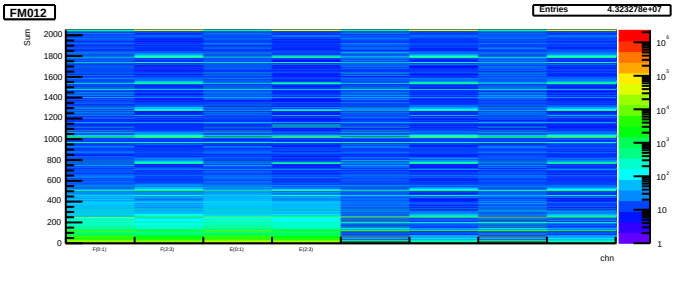
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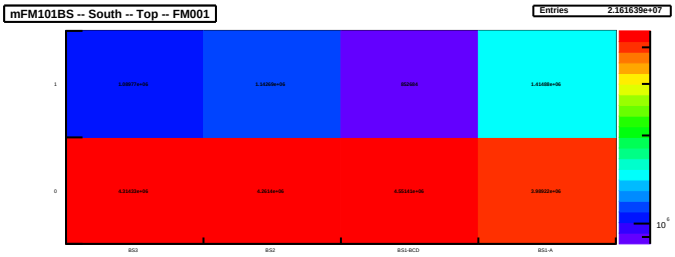
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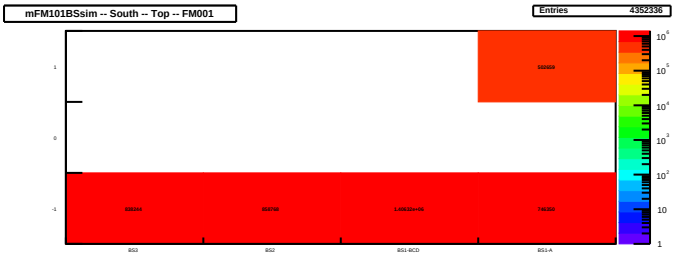
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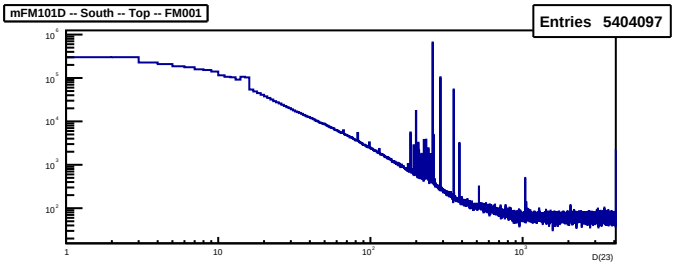
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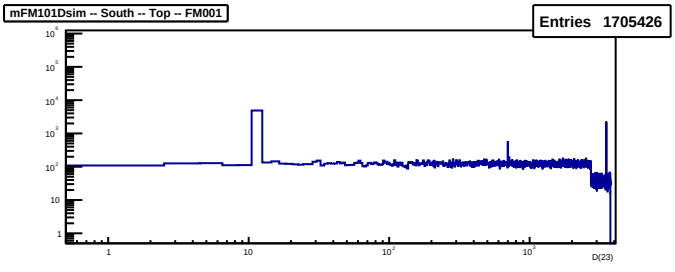
D(23)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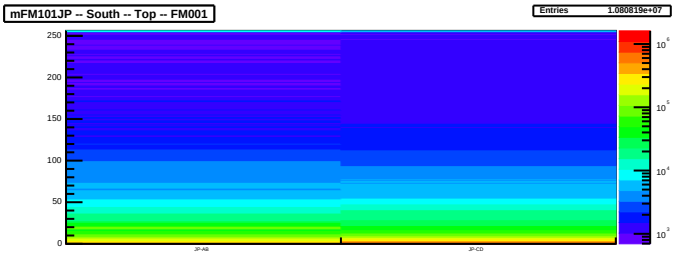
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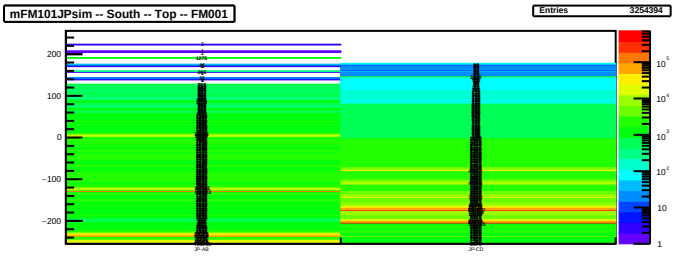
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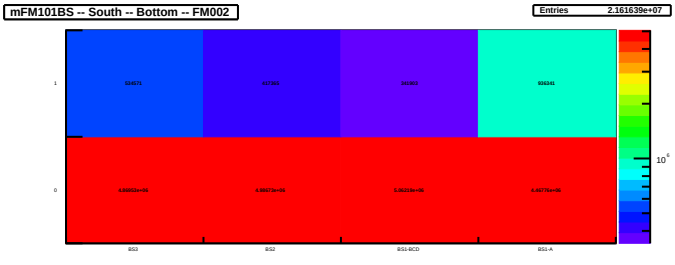
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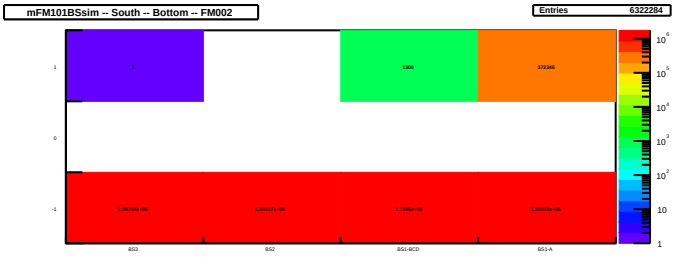
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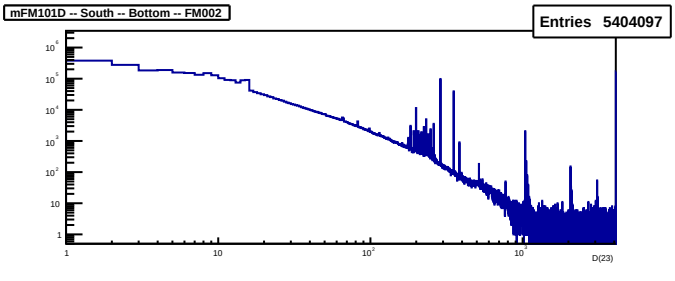
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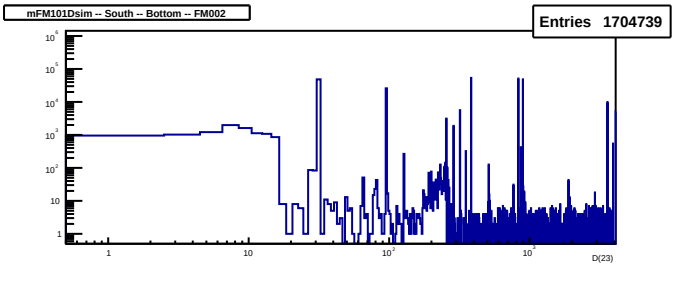
Entries 5404097
D(23)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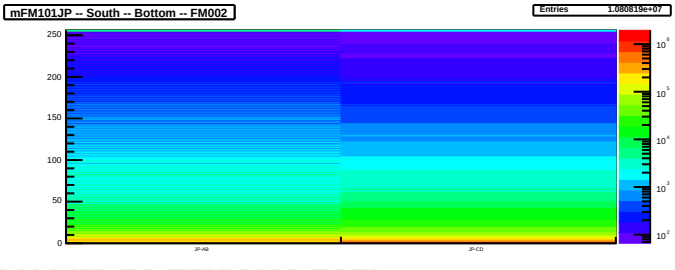
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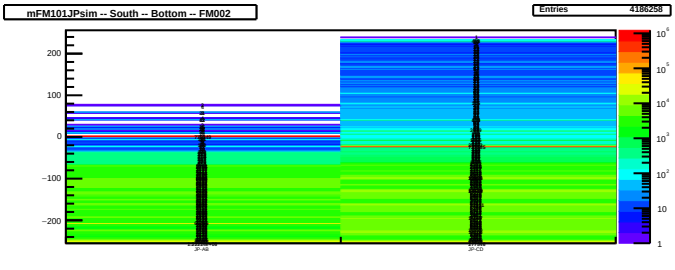
Entries 1.080819e+07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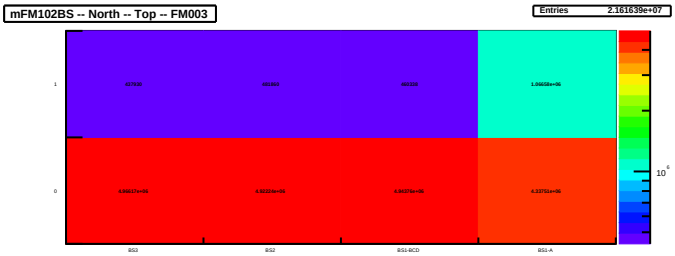
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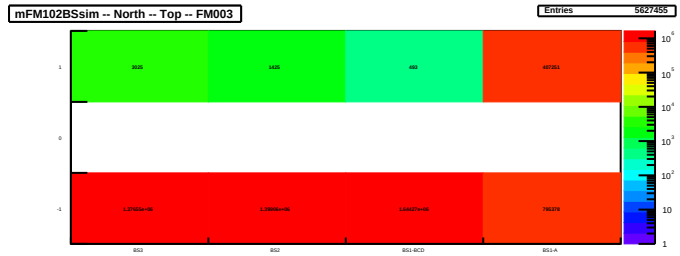
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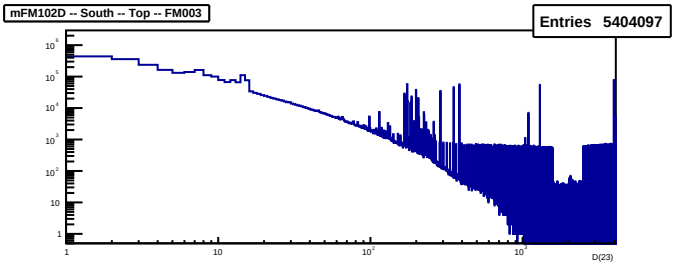
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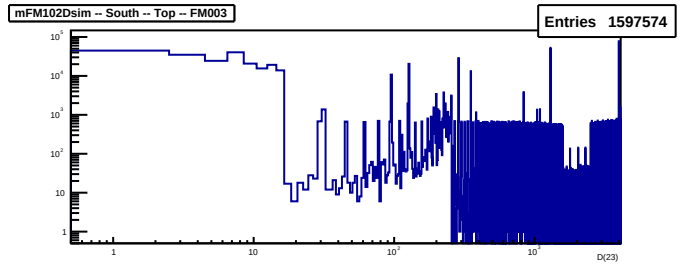
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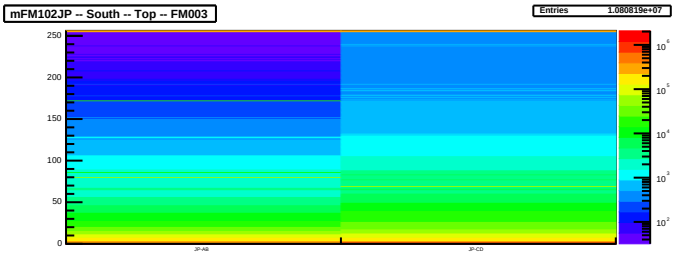
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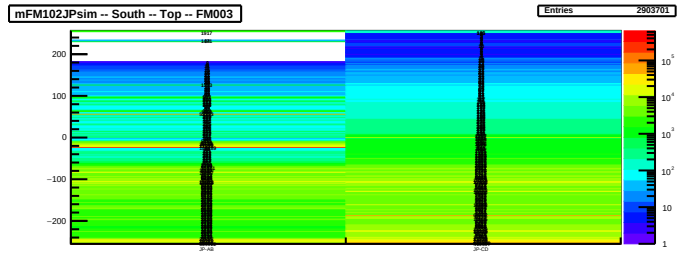
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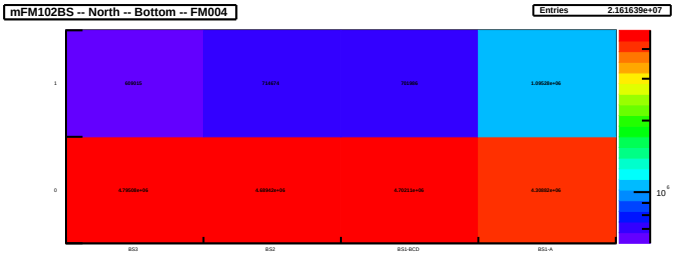
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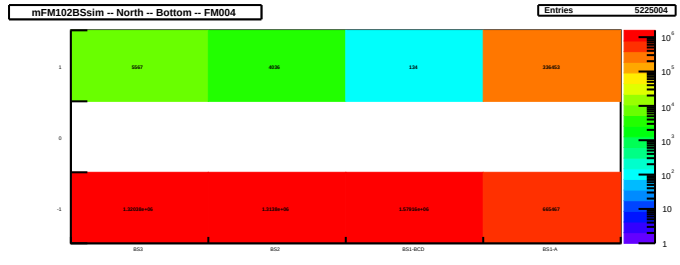
Entries 2.161639e+07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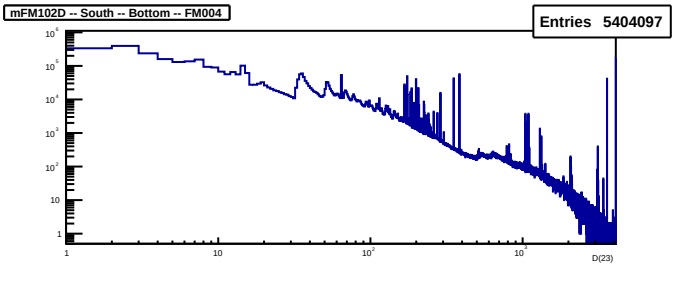
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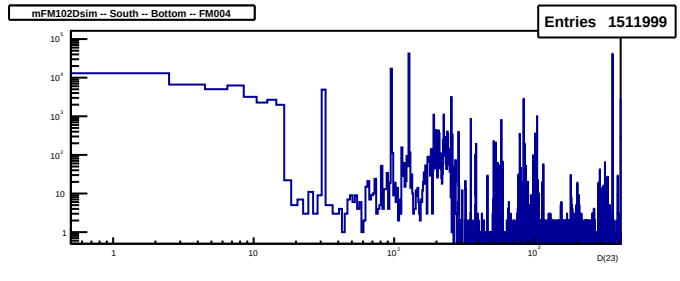
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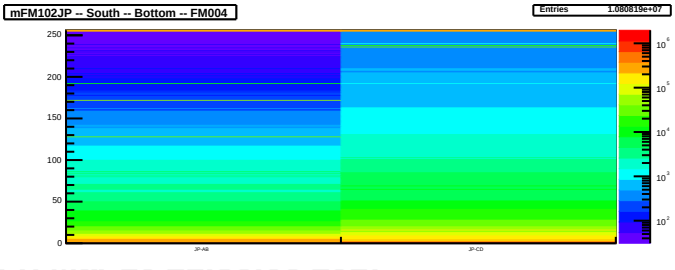
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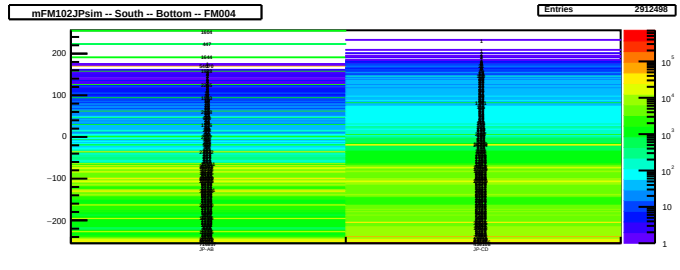
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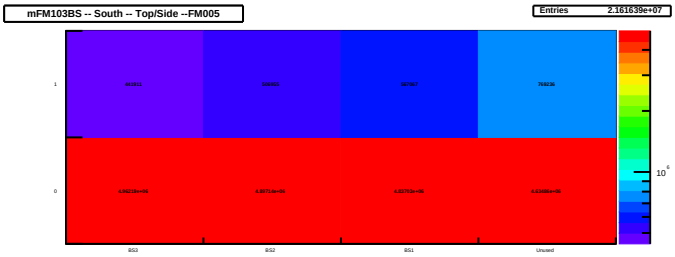
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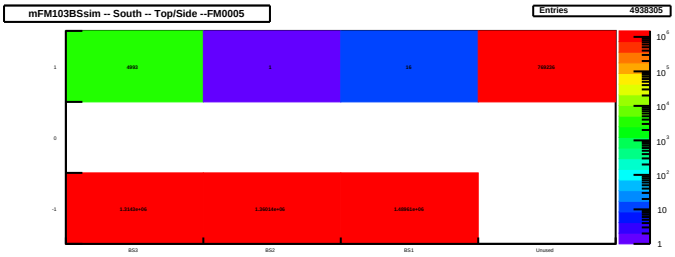
Entries 2.161639e+07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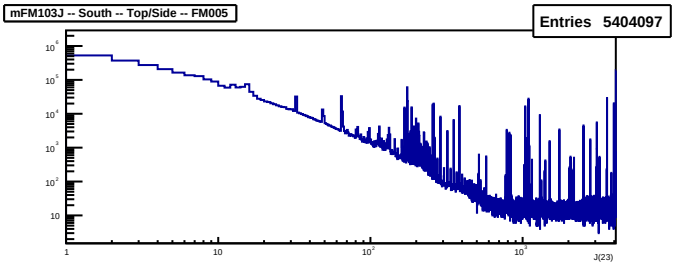
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Entries 5404097
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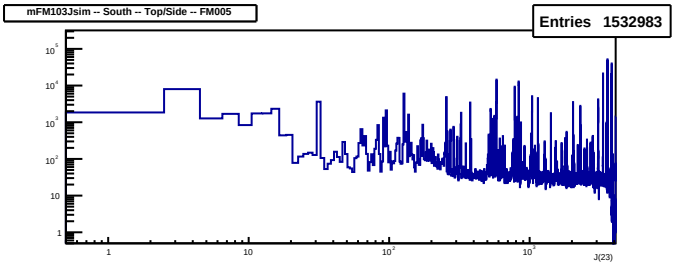
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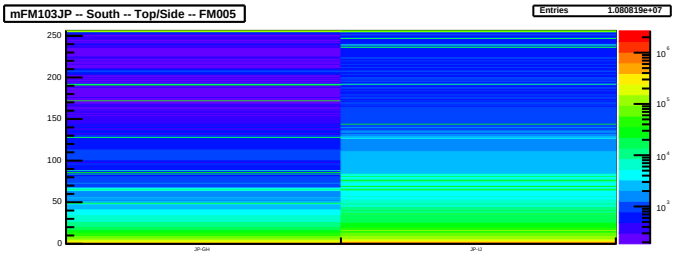
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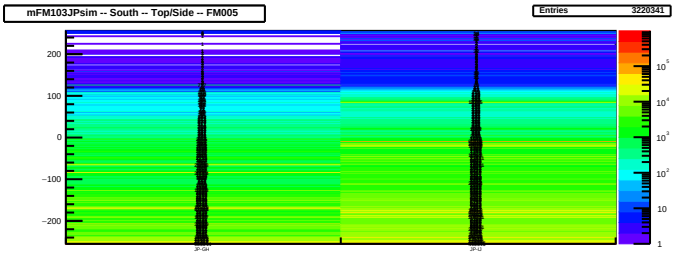
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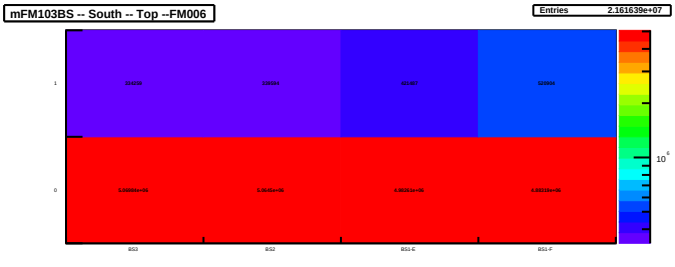
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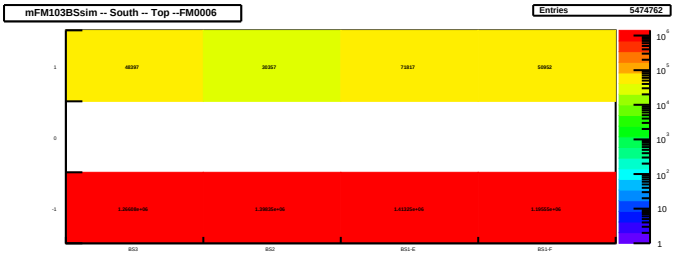
Entries 2.161639e+07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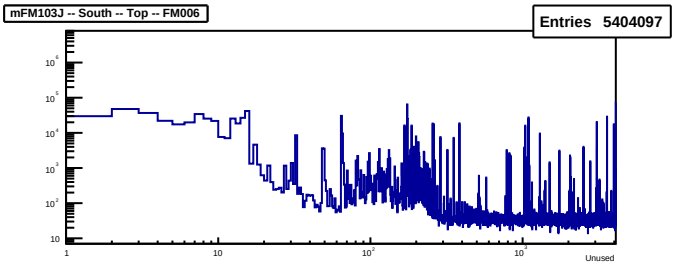
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Entries 5404097
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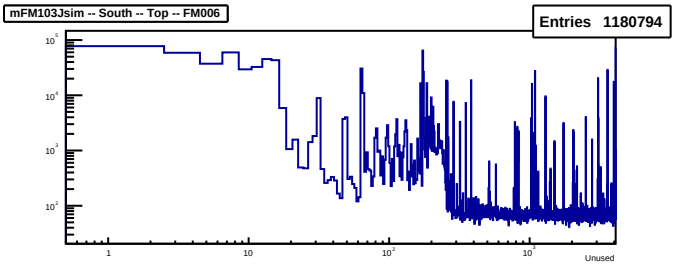
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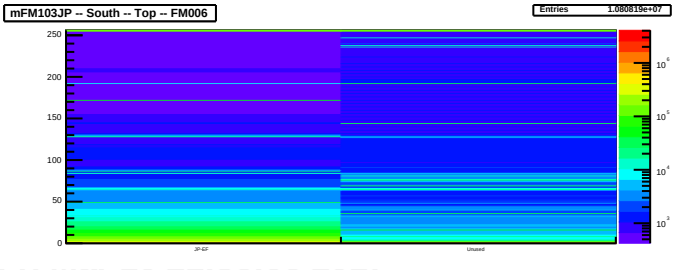
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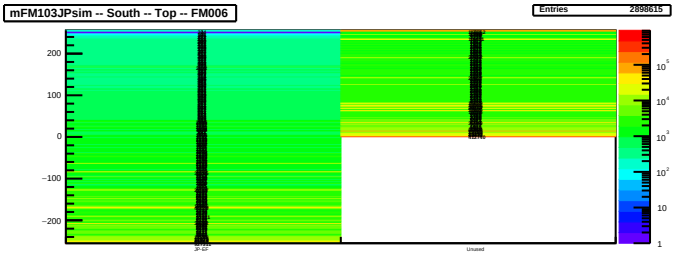
Entries 1.080819e+07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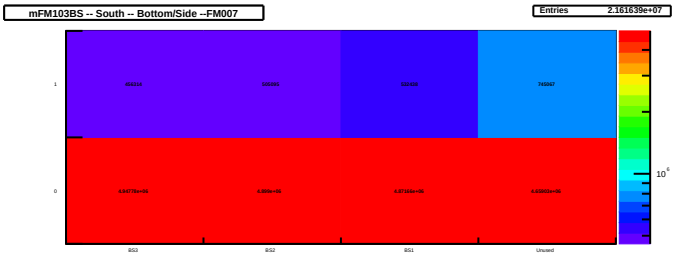
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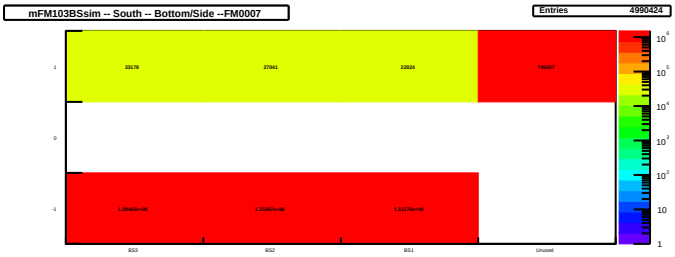
Entries 2.161639e+07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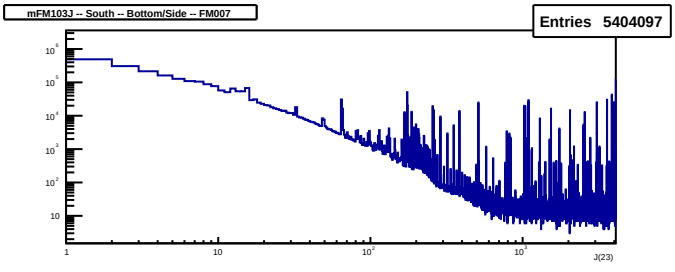
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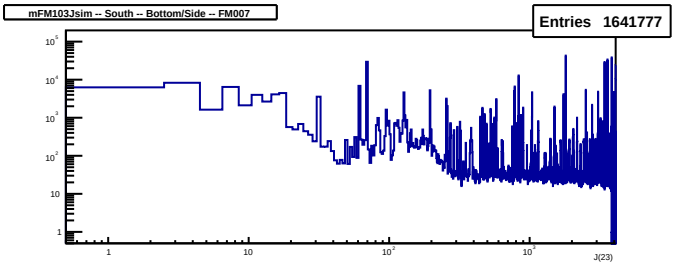
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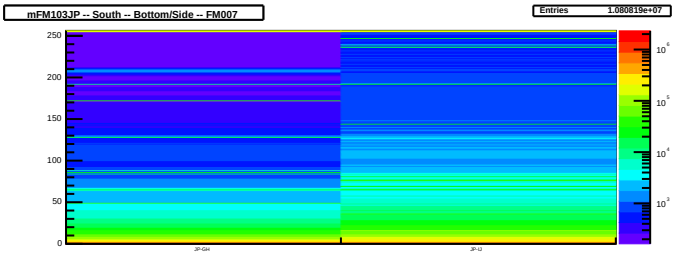
J(23)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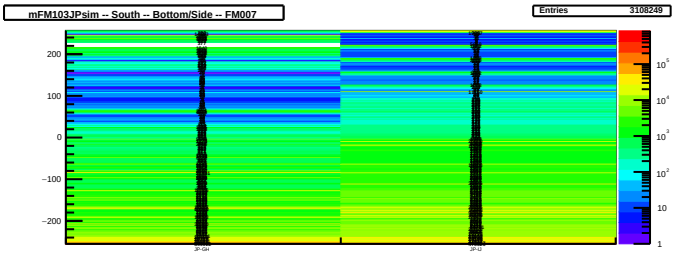
Entries 1.080819e+07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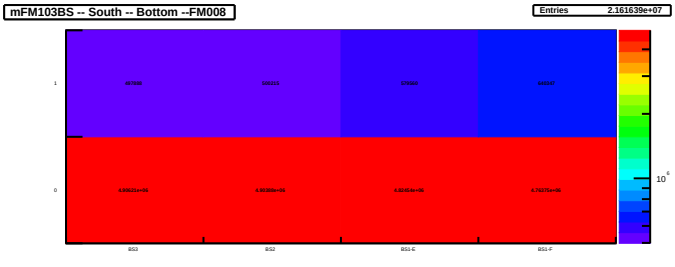
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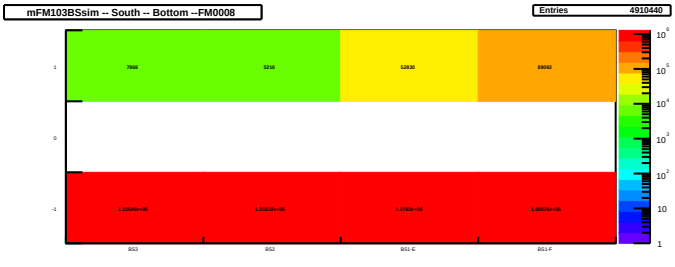
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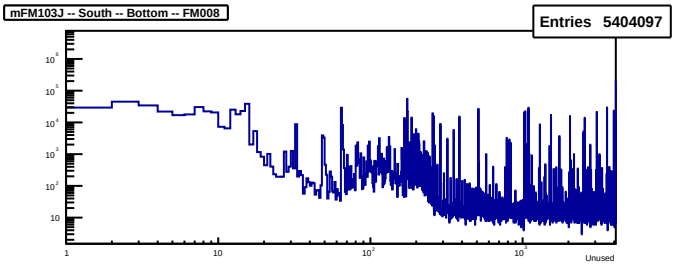
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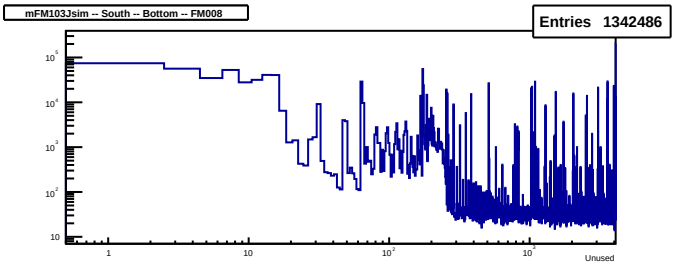
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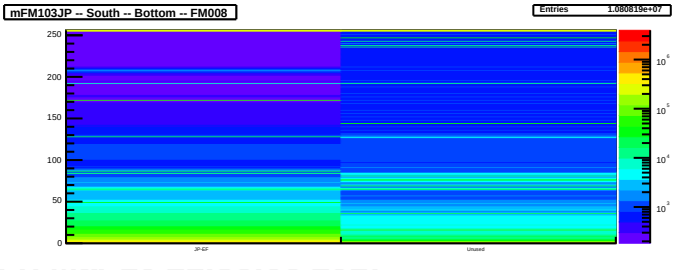
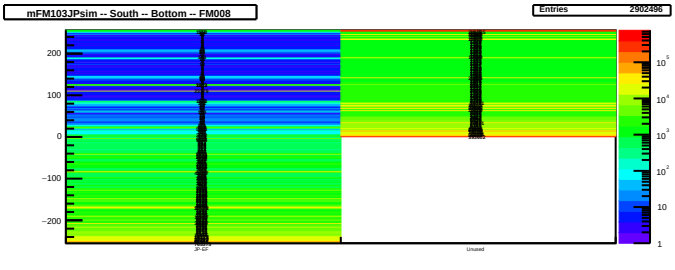
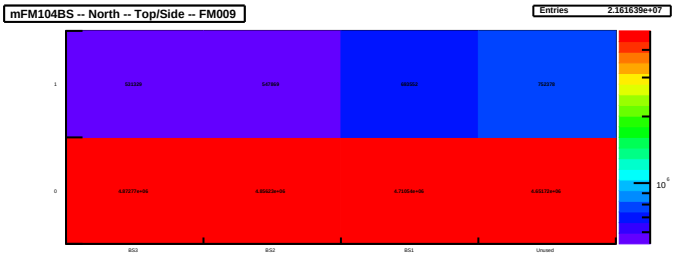
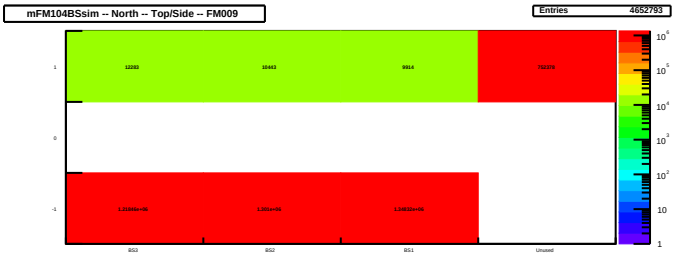
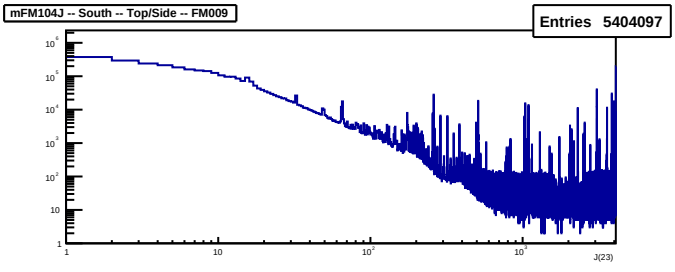
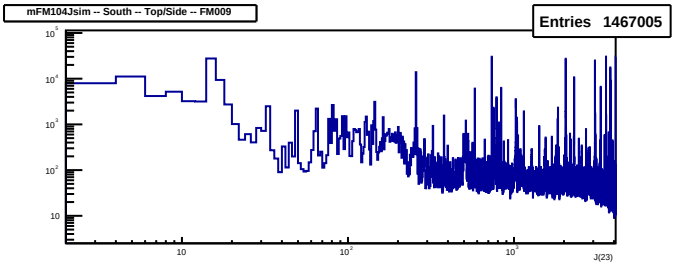

mFM103JP -- South -- Bottom -- FM008
Entries 1.080819e+07

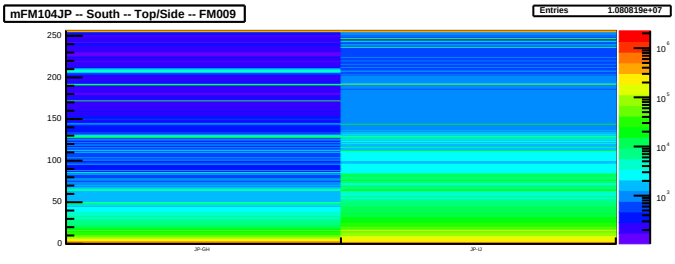

mFM103JPsim -- South -- Bottom -- FM008
Entries 2902496

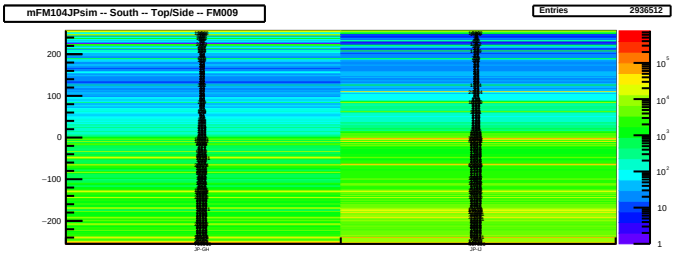

mFM104BS -- North -- Top/Side -- FM009
Entries 2.161639e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4652793


mFM104J -- South -- Top/Side -- FM009
Entries 5404097
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1467005
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.080819e+07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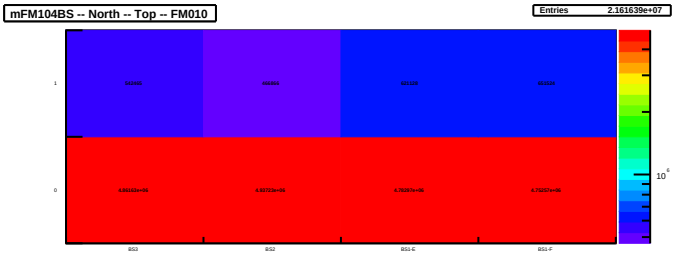
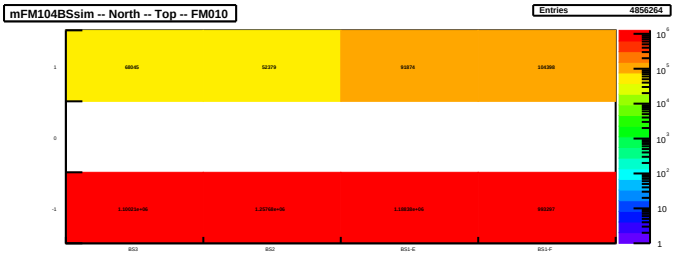
Entries 2936512


mFM104BS -- North -- Top -- FM010
Entries 2.161639e+07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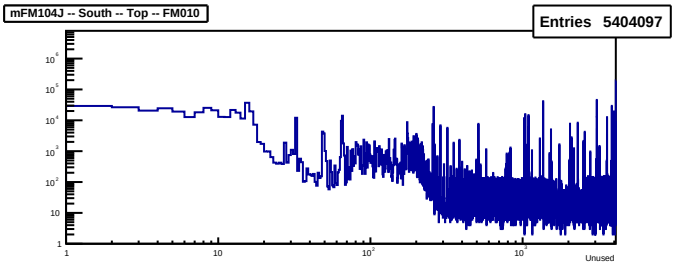
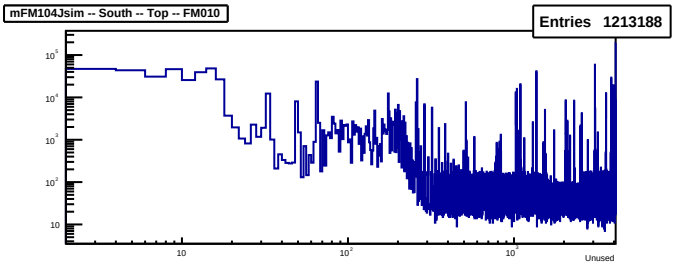
Entries 4856264


mFM104J -- South -- Top -- FM010
Entries 5404097
Unused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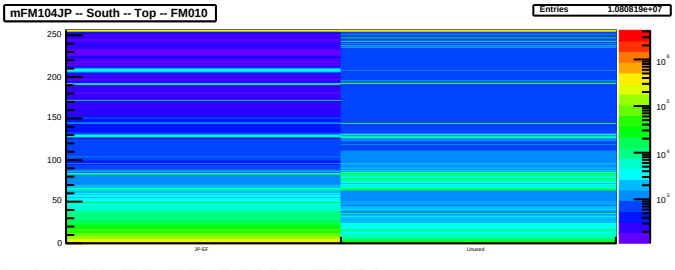
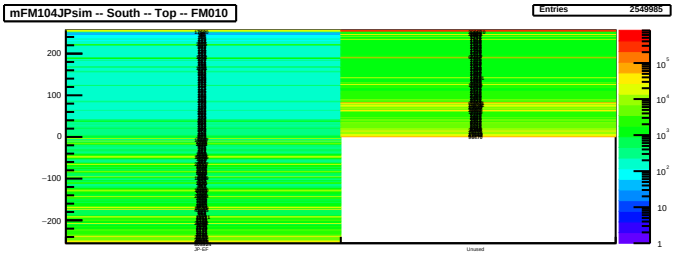
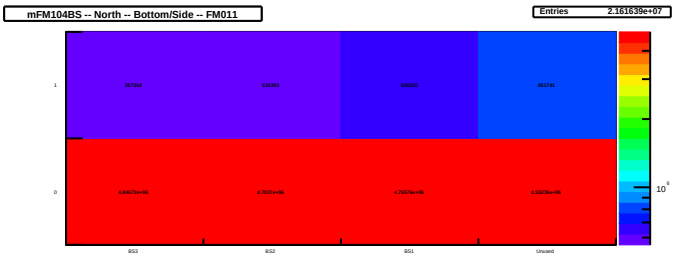
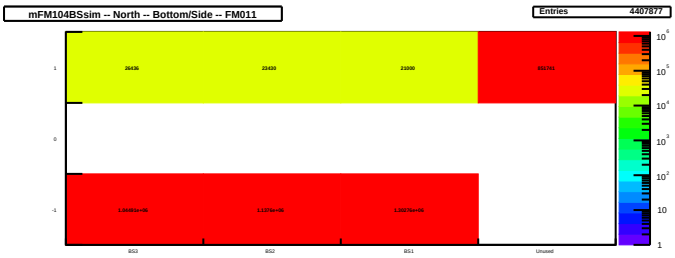
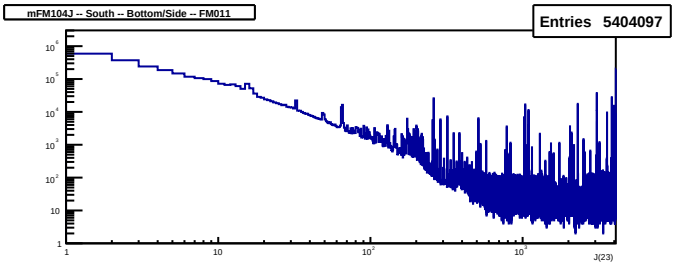
Entries 1213188
Unused

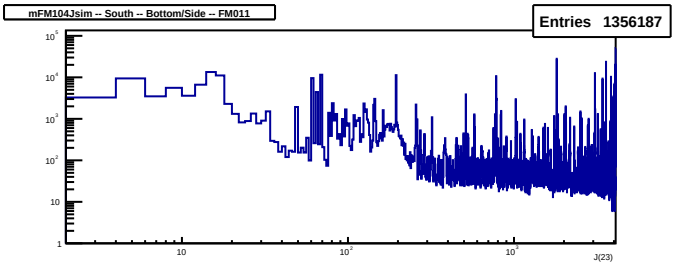

mFM104JP -- South -- Top -- FM010
Entries 1.080819e+07

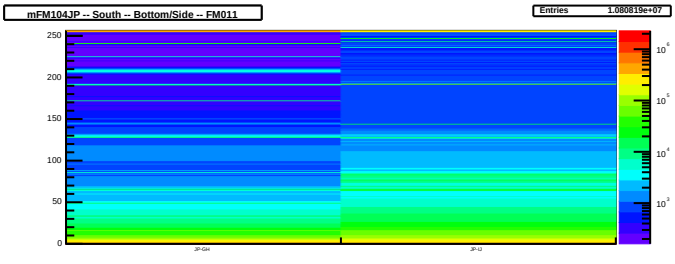

mFM104JPsim -- South -- Top -- FM010
Entries 2549985

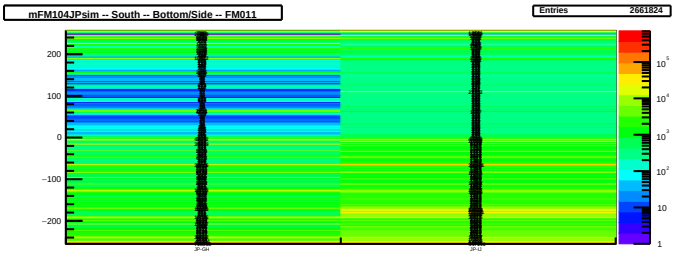

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.161639e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4407877


mFM104J -- South -- Bottom/Side -- FM011
Entries 5404097
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1356187
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.080819e+07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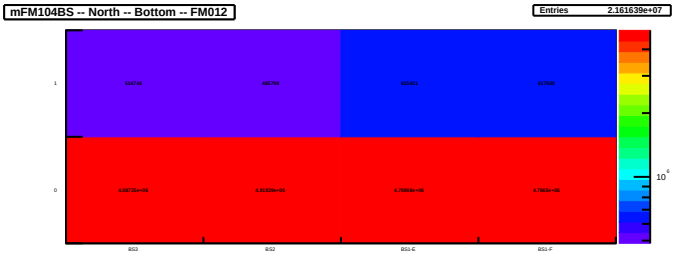
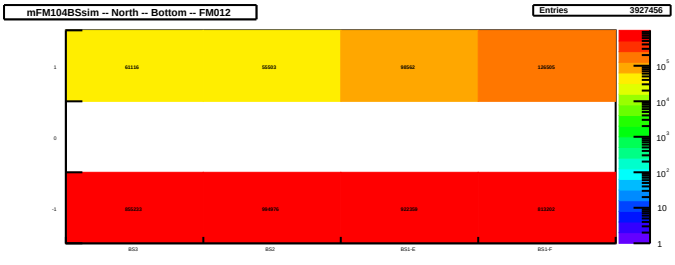
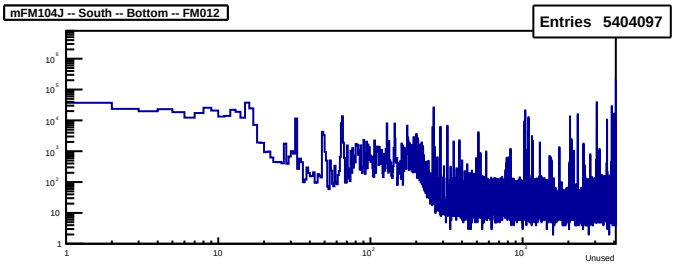
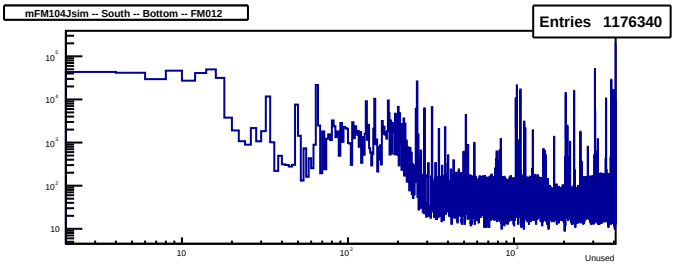
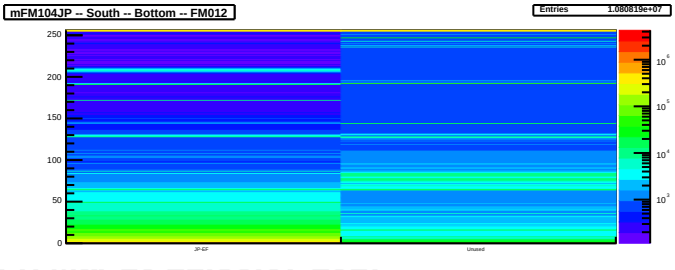
Entries 2661824

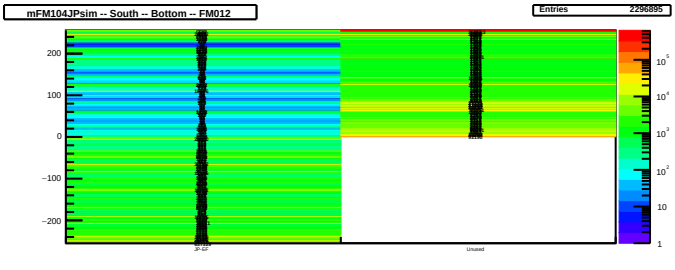

mFM104BS -- North -- Bottom -- FM012
Entries 2.161639e+07

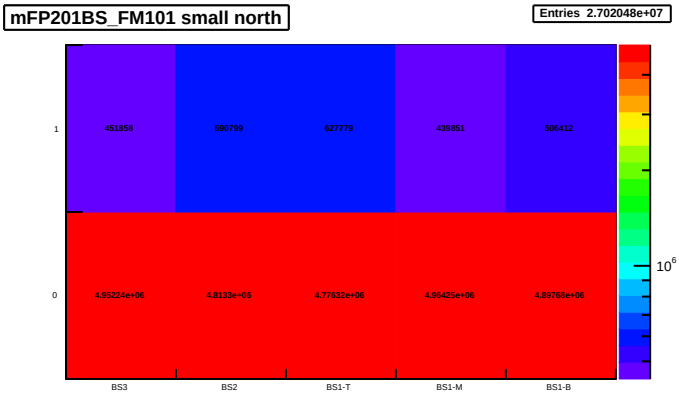

mFM104BSsim -- North -- Bottom -- FM012
Entries 3927456

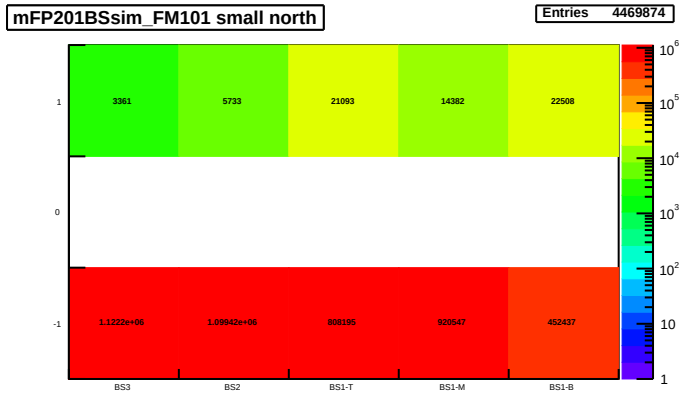

mFM104J -- South -- Bottom -- FM012
Entries 5404097
Unused

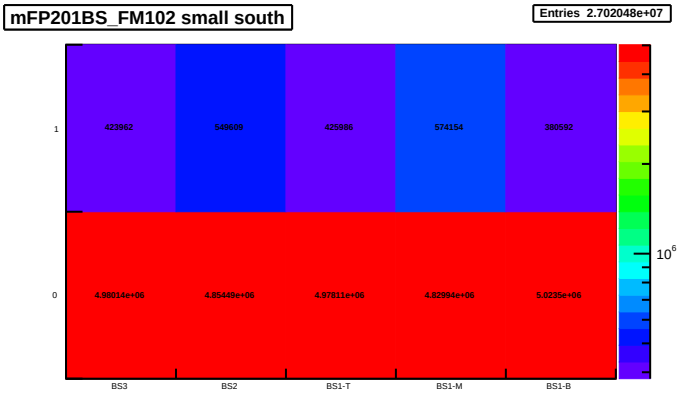

mFM104Jsim -- South -- Bottom -- FM012
Entries 1176340
Unused

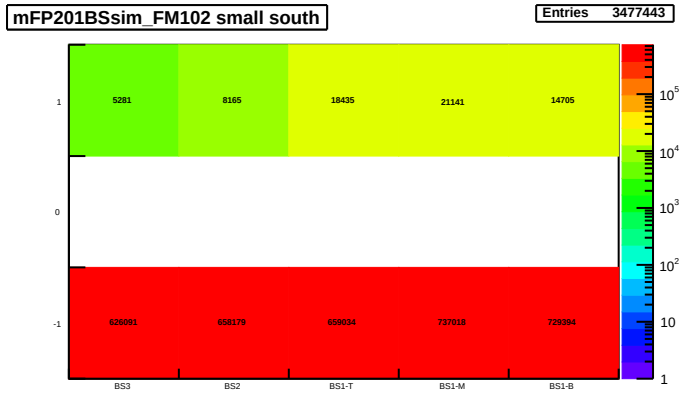

mFM104JP -- South -- Bottom -- FM012
Entries 1.080819e+07

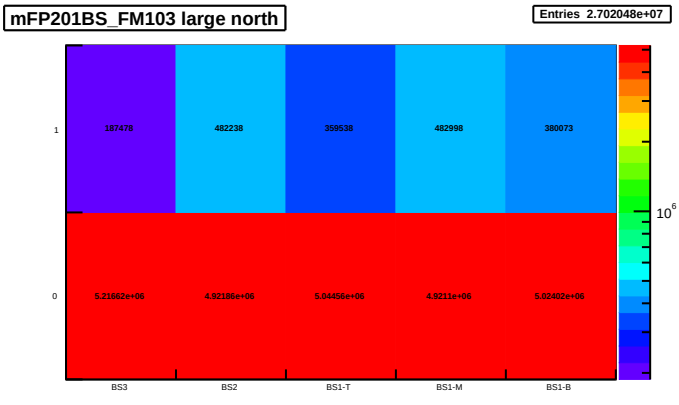

mFM104JPsim -- South -- Bottom -- FM012
Entries 2296895

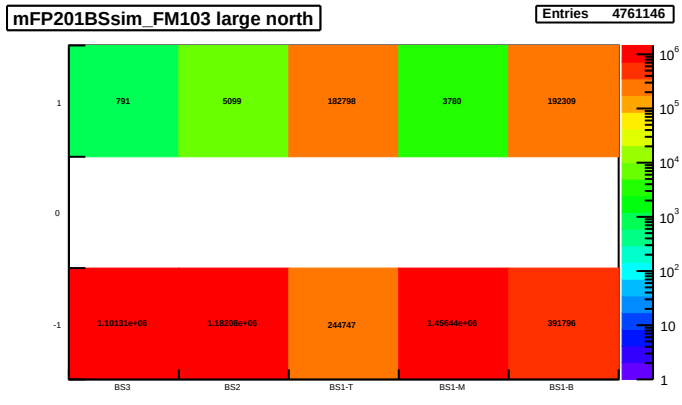

mFP201BS_FM101 small north
Entries 2.702048e+07
1
0
451858
590799
627779
439851
506412
4.95224e+06
4.8133e+06
4.77632e+06
4.96425e+06
4.89768e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

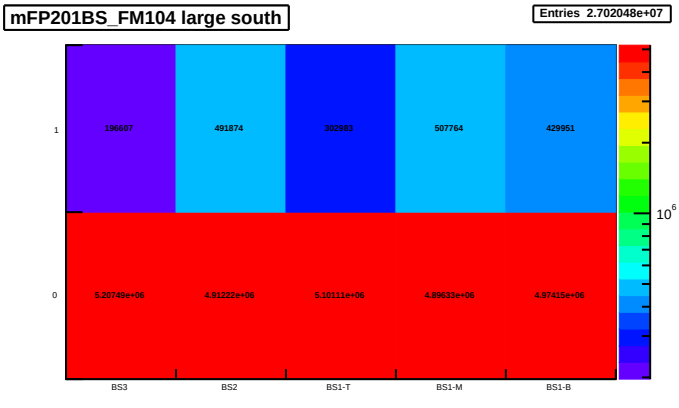

mFP201BSsim_FM101 small north
Entries 4469874
1
0
-1
3361
5733
21093
14382
22508
1.1222e+06
1.09942e+06
808195
920547
452437
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

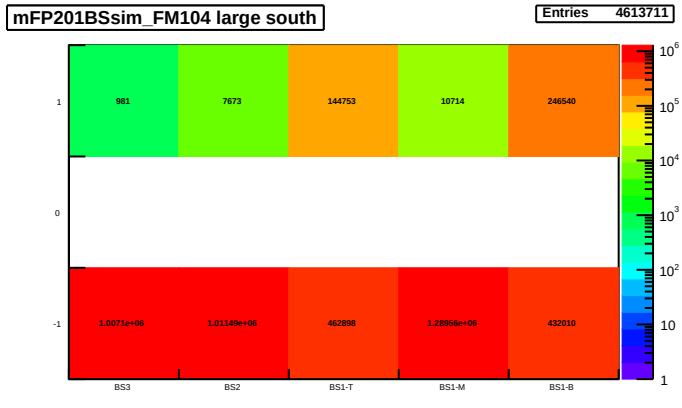

mFP201BS_FM102 small south
Entries 2.702048e+07
1
0
423962
549609
425986
574154
380592
4.98014e+06
4.85449e+06
4.97811e+06
4.82994e+06
5.0235e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

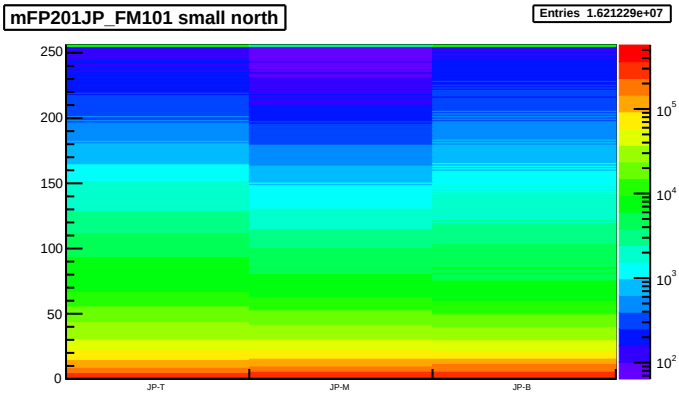

mFP201BSsim_FM102 small south
Entries 3477443
1
0
-1
5281
8165
18435
21141
14705
626091
658179
659034
737018
729394
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

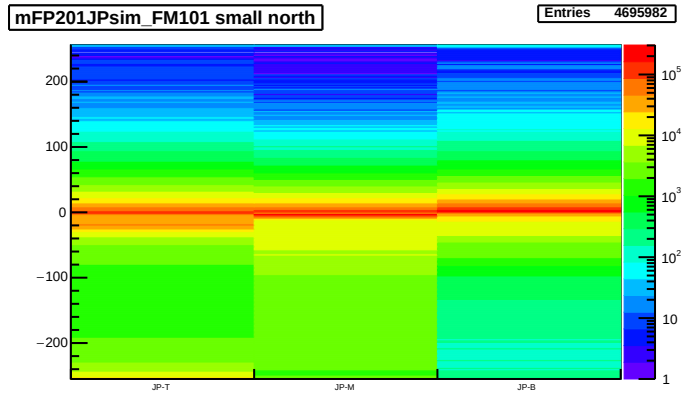

mFP201BS_FM103 large north
Entries 2.702048e+07
1
0
187478
482238
359538
482998
380073
5.21662e+06
4.92186e+06
5.04456e+06
4.9211e+06
5.02402e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

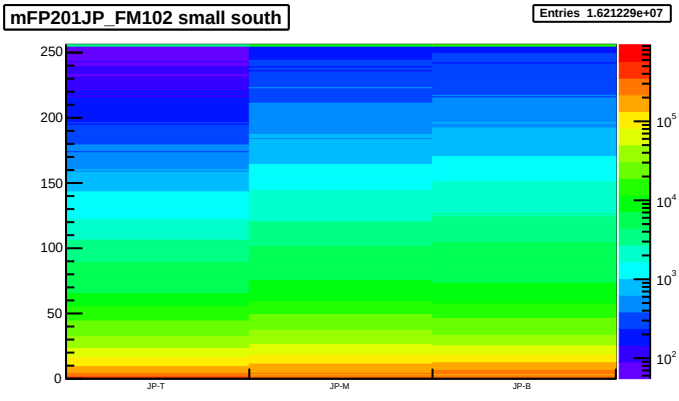

mFP201BSsim_FM103 large north
Entries 4761146
1
0
-1
791
5099
182798
3780
192309
1.10131e+06
1.18208e+06
244747
1.45644e+06
391796
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

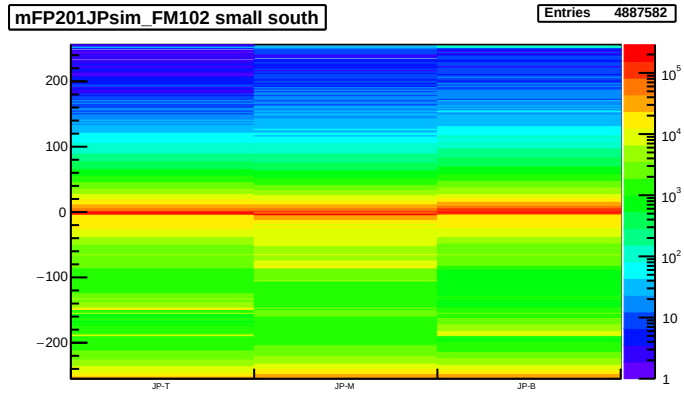

mFP201BS_FM104 large south
Entries 2.702048e+07
1
0
196607
491874
302983
507764
429951
5.20749e+06
4.91222e+06
5.10111e+06
4.89633e+06
4.97415e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

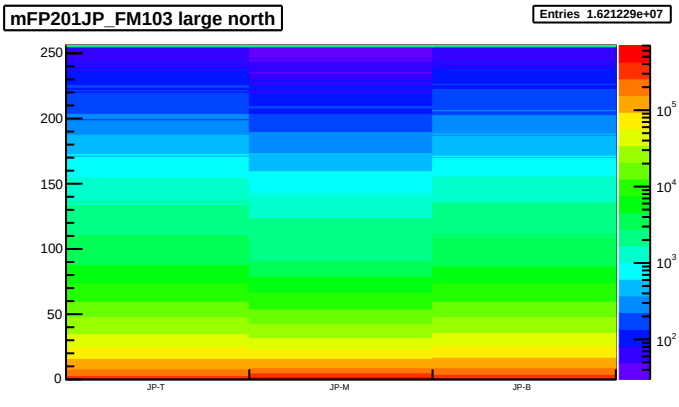

mFP201BSsim_FM104 large south
Entries 4613711
1
0
-1
981
7673
144753
10714
246540
1.0071e+06
1.01149e+06
462898
1.28956e+06
432010
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

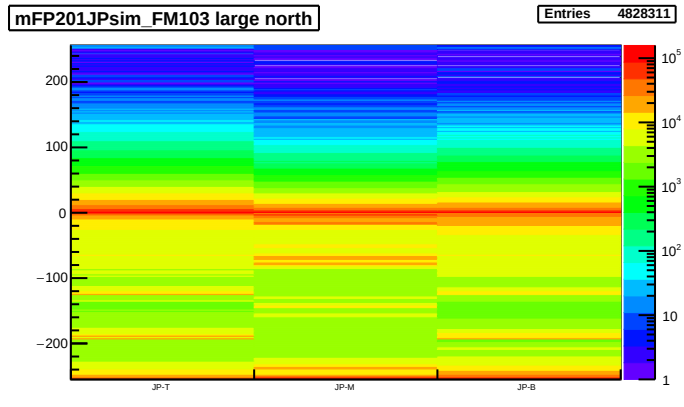

mFP201JP_FM101 small north
Entries 1.621229e+07
JP-T
JP-M
JP-B

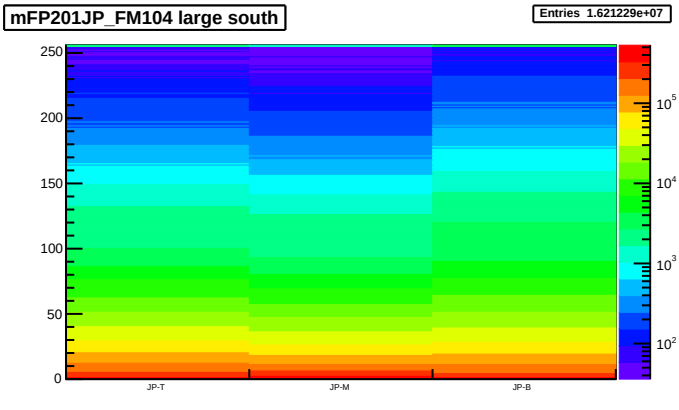

mFP201JPsim_FM101 small north
Entries 4695982
JP-T
JP-M
JP-B

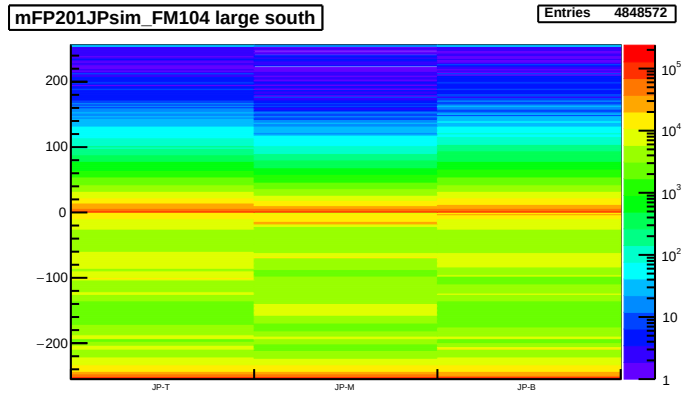

mFP201JP_FM102 small south
Entries 1.621229e+07
JP-T
JP-M
JP-B

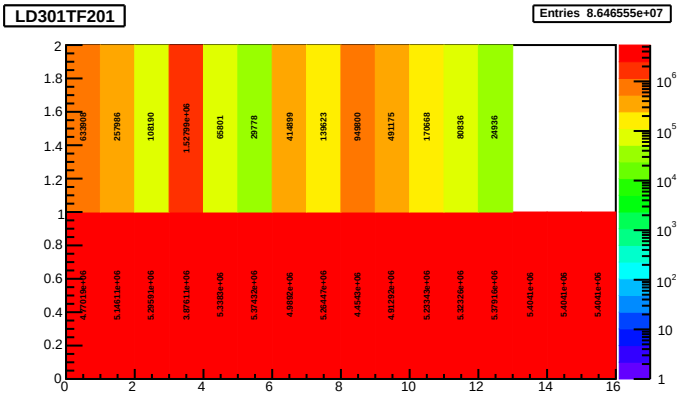

mFP201JPsim_FM102 small south
Entries 4887582
JP-T
JP-M
JP-B

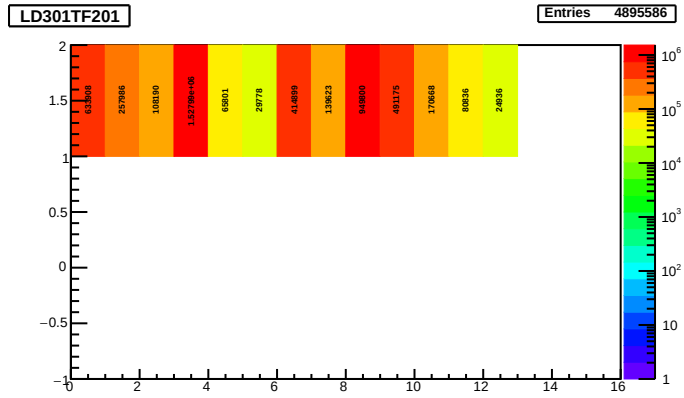

mFP201JP_FM103 large north
Entries 1.621229e+07
JP-T
JP-M
JP-B

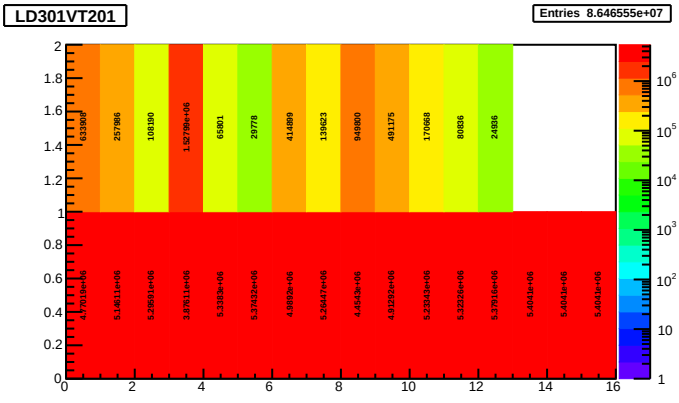

mFP201JPsim_FM103 large north
Entries 4828311
JP-T
JP-M
JP-B

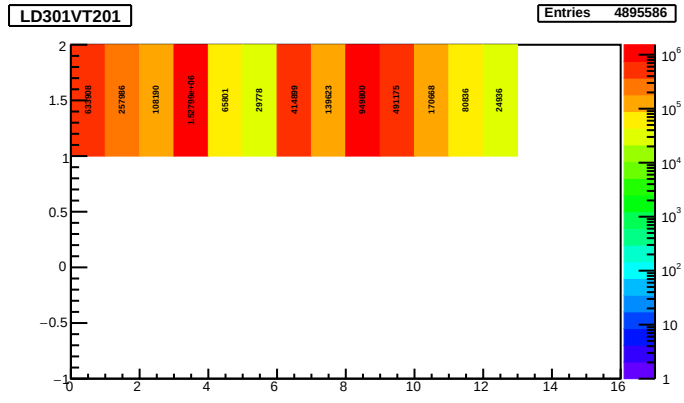

mFP201JP_FM104 large south
Entries 1.621229e+07
JP-T
JP-M
JP-B

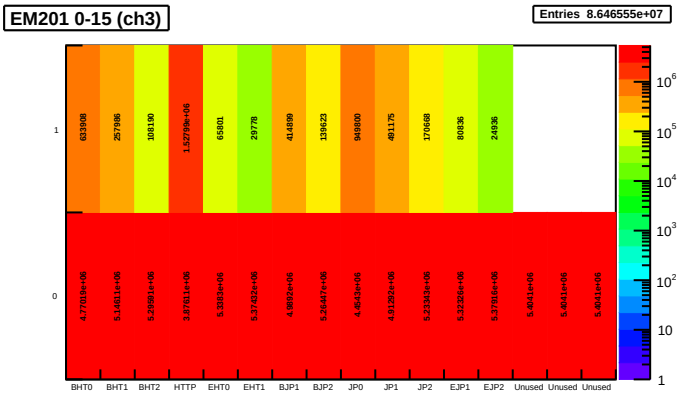

mFP201JPsim_FM104 large south
Entries 4848572
JP-T
JP-M
JP-B

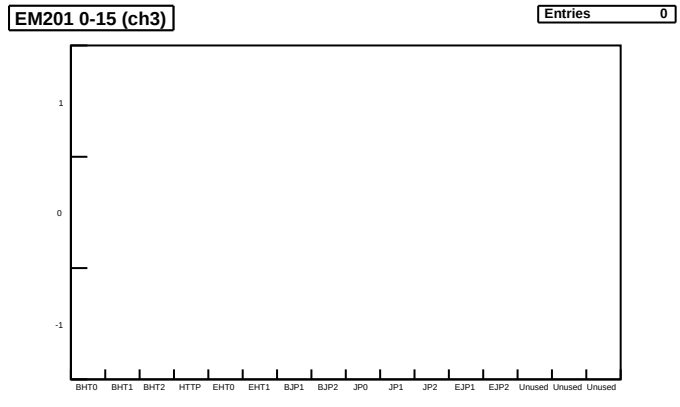

LD301TF201
Entries 8.646555e+07


LD301TF201
Entries 4895586


LD301VT201
Entries 8.646555e+07


LD301VT201
Entries 4895586


EM201 0-15 (ch3)
Entries 8.646555e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused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Entries 0
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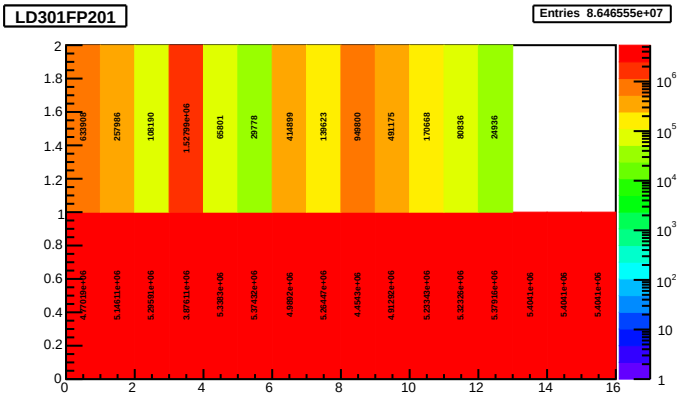
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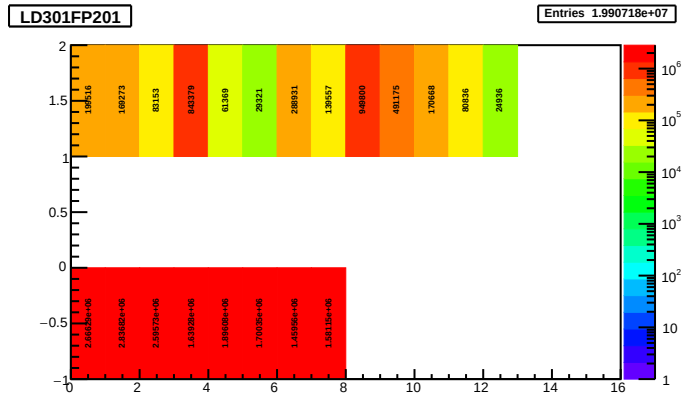
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