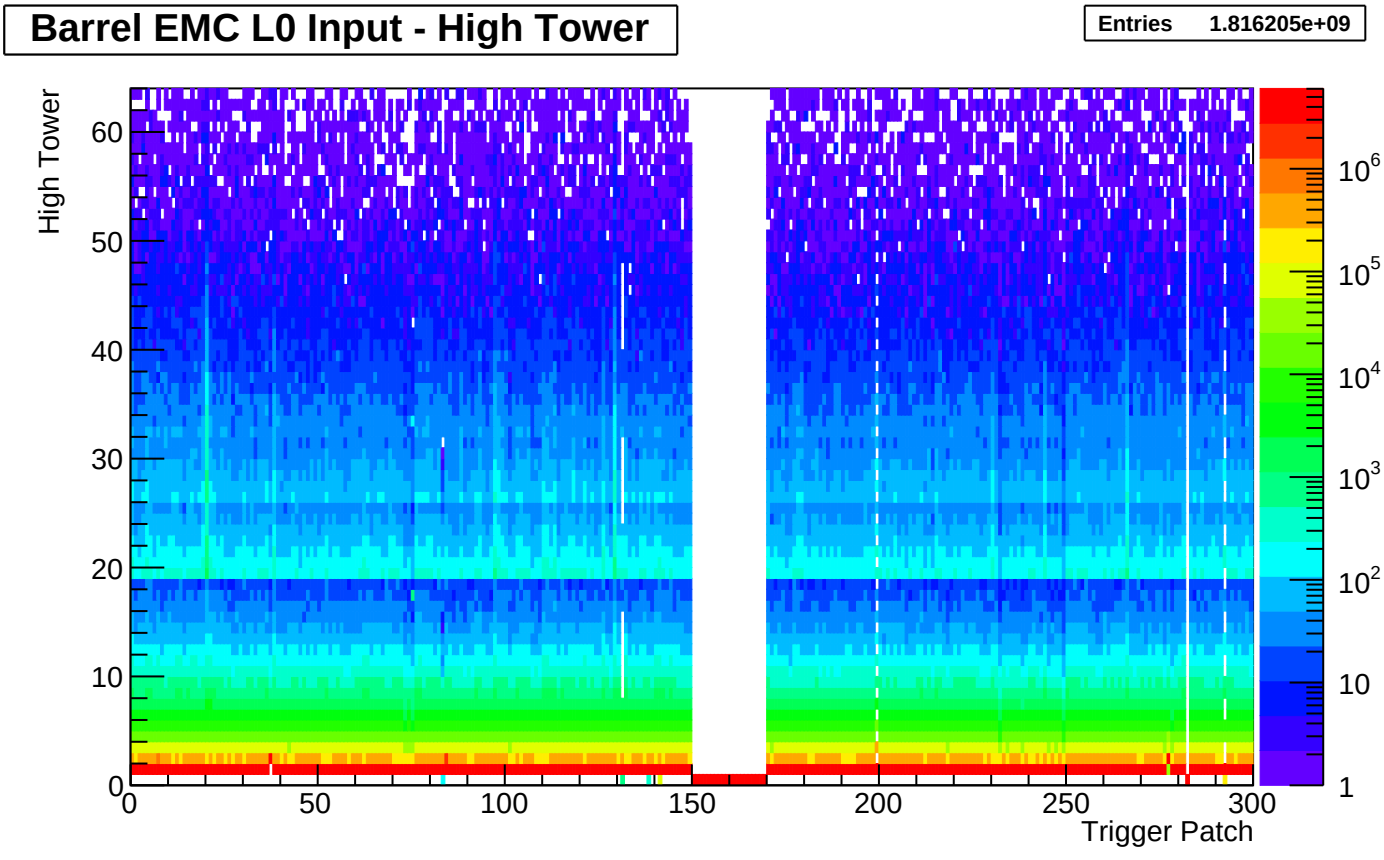
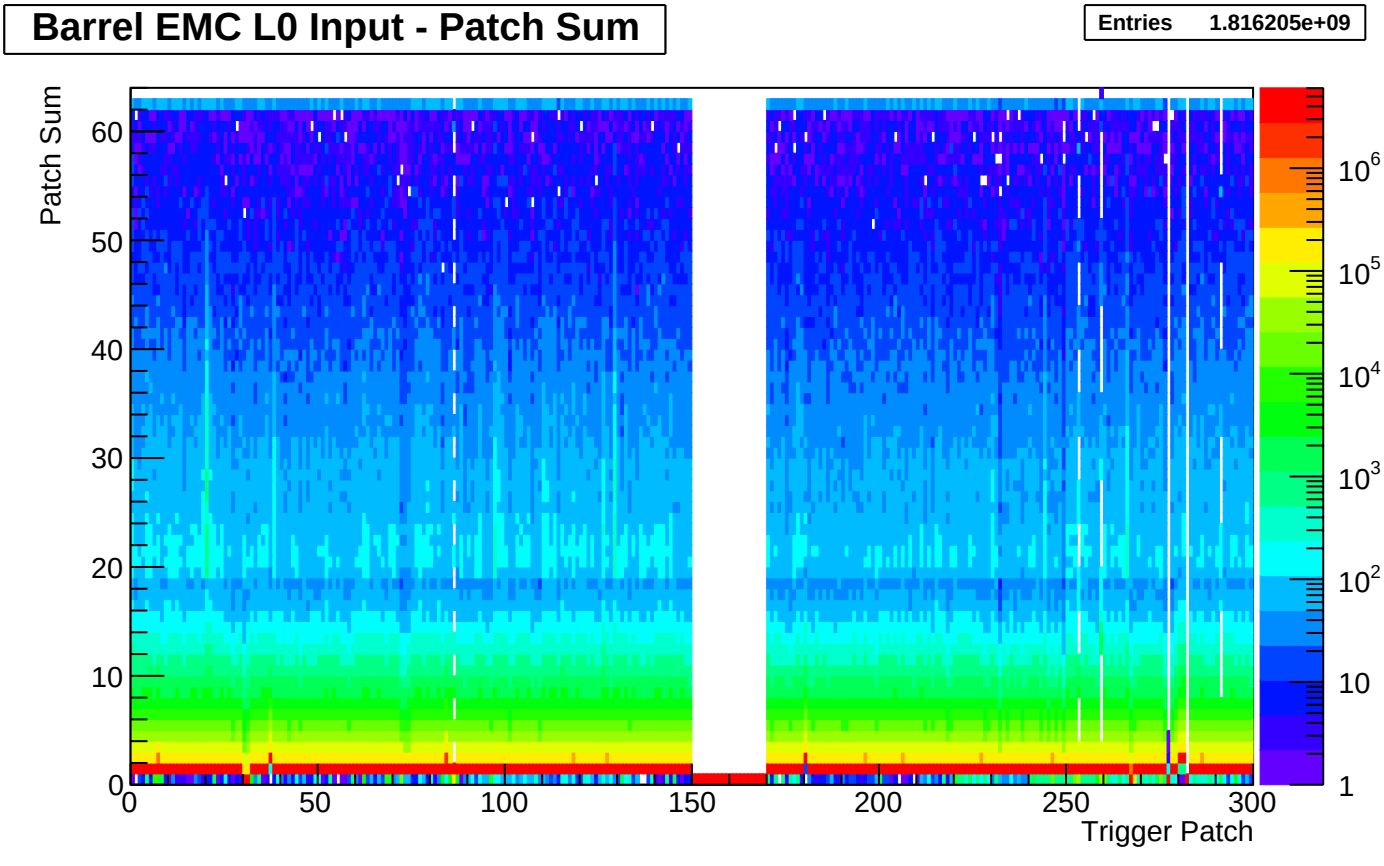
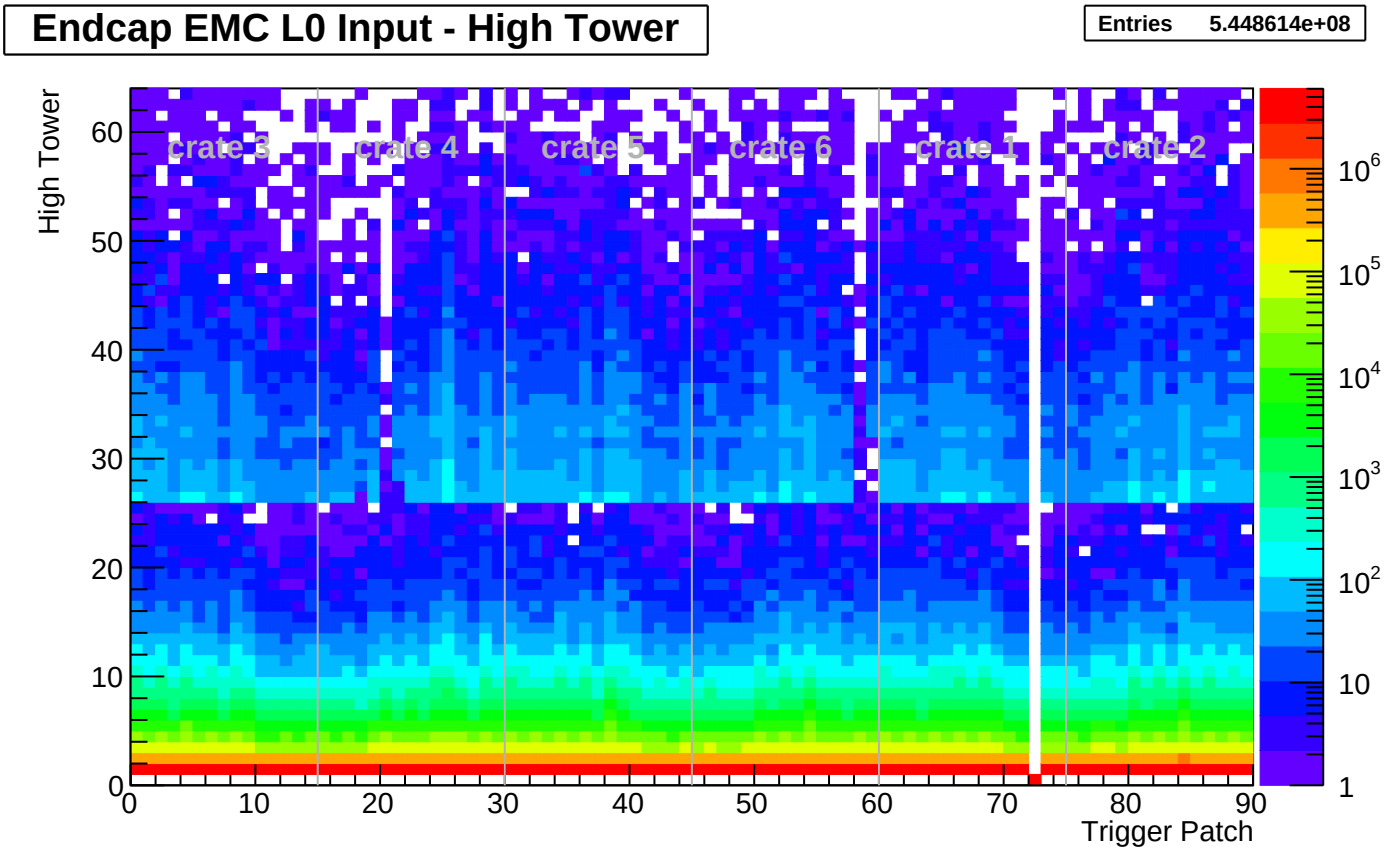
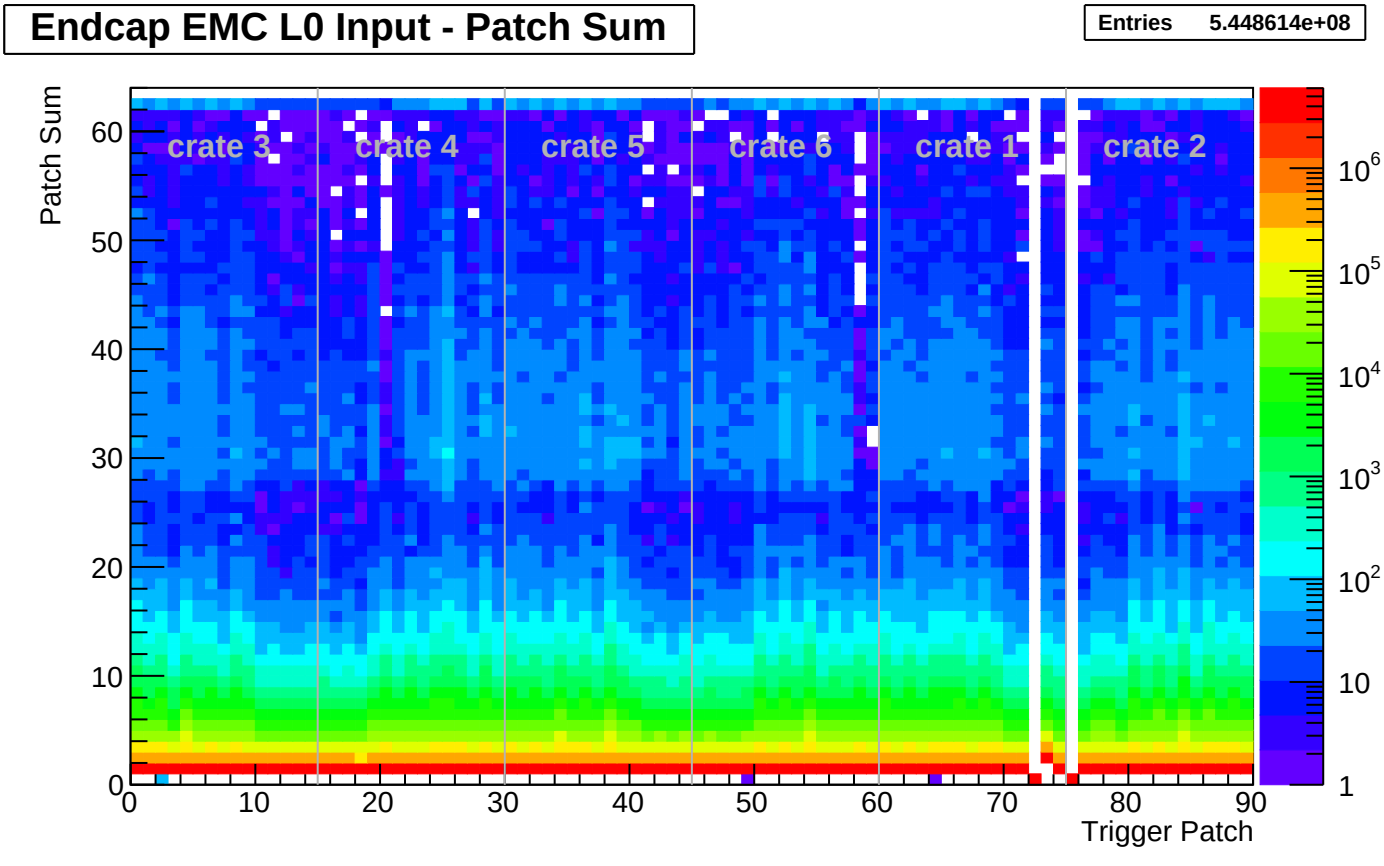
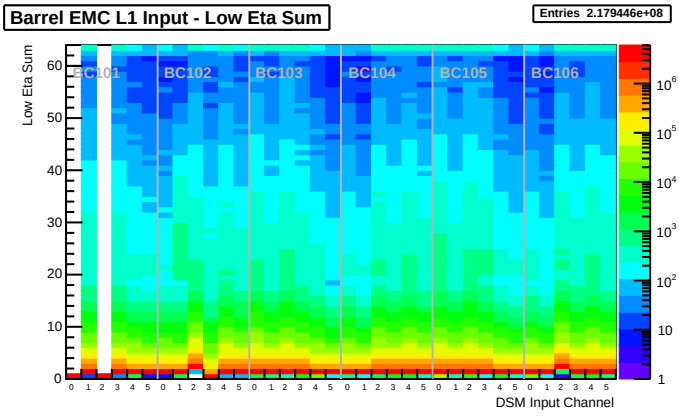
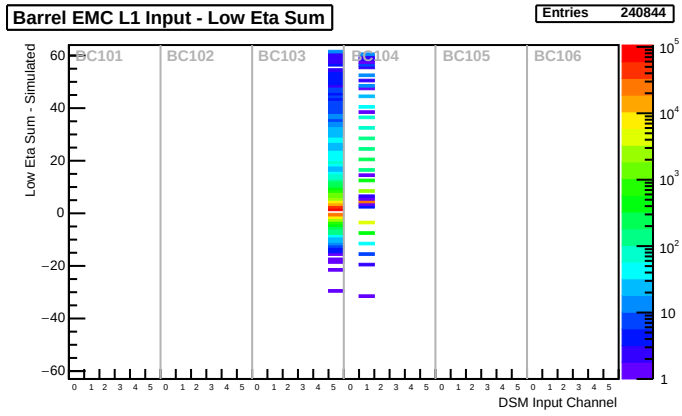

Barrel EMC L0 Input - High Tower
Entries 1.816205e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

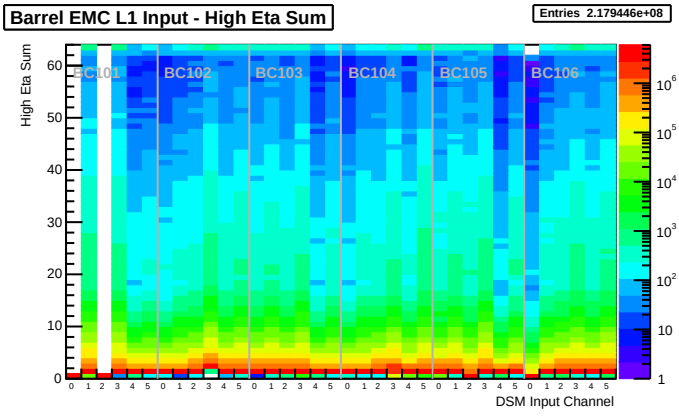

Barrel EMC L0 Input - Patch Sum
Entries 1.816205e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

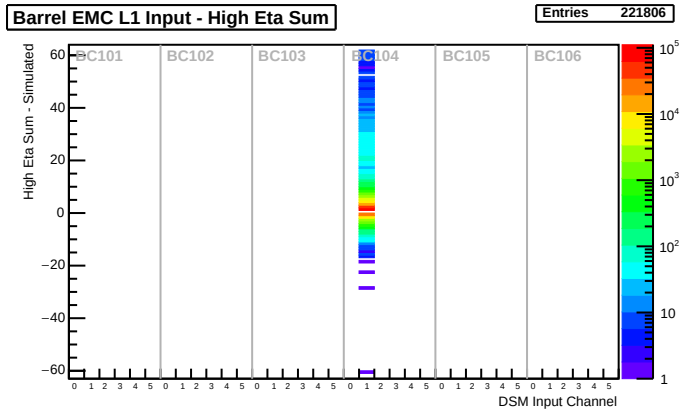

Endcap EMC L0 Input - High Tower
Entries 5.448614e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

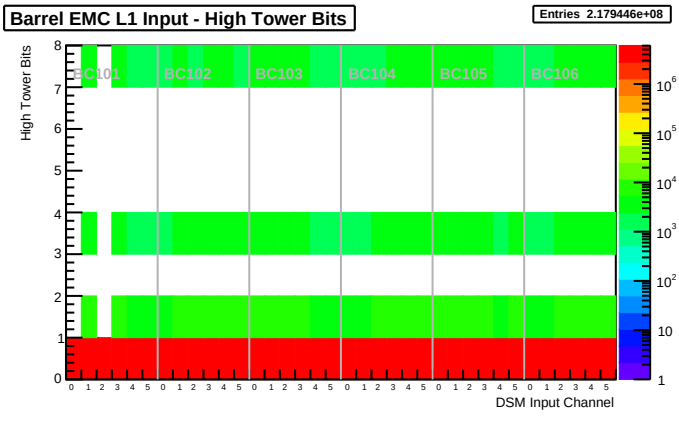

Endcap EMC L0 Input - Patch Sum
Entries 5.448614e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

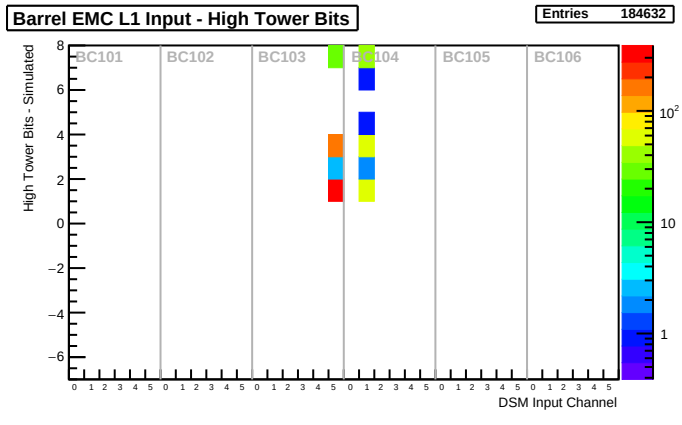

Barrel EMC L1 Input - Low Eta Sum
Entries 2.179446e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

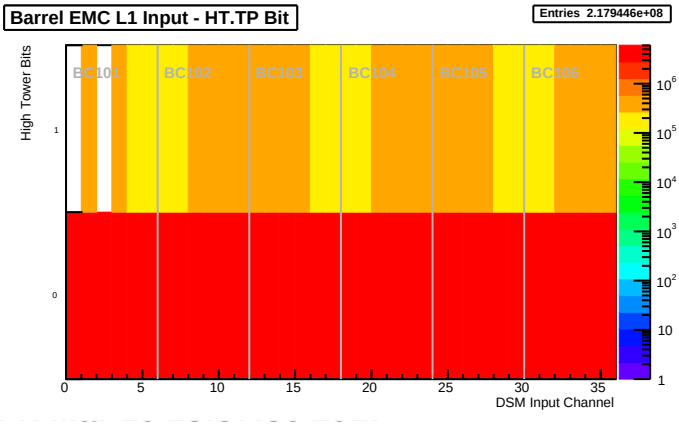

Barrel EMC L1 Input - Low Eta Sum
Entries 240844
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

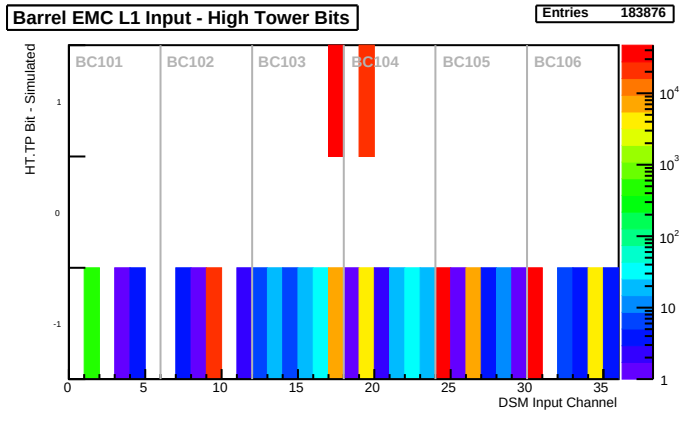

Barrel EMC L1 Input - High Eta Sum
Entries 2.179446e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

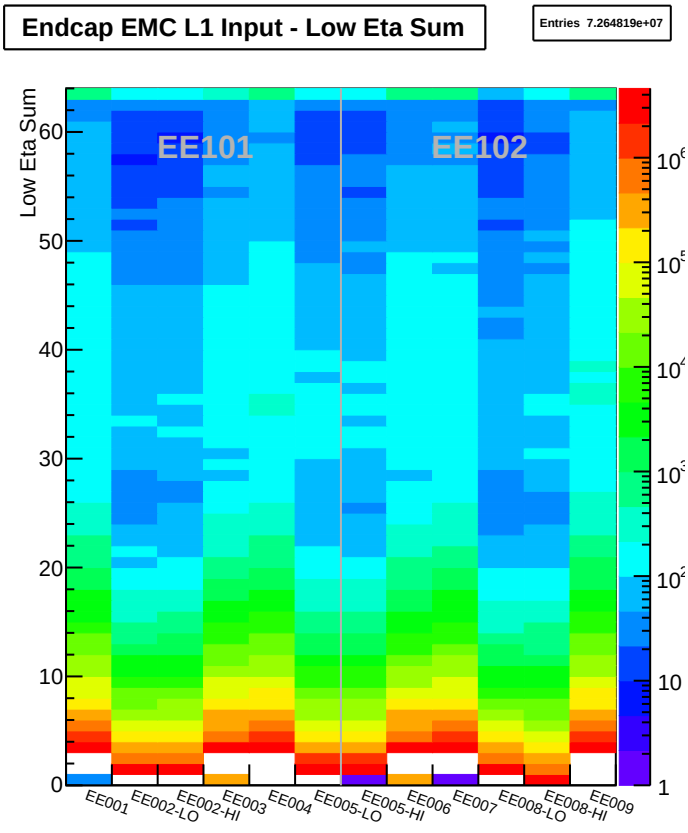

Barrel EMC L1 Input - High Eta Sum
Entries 221806
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

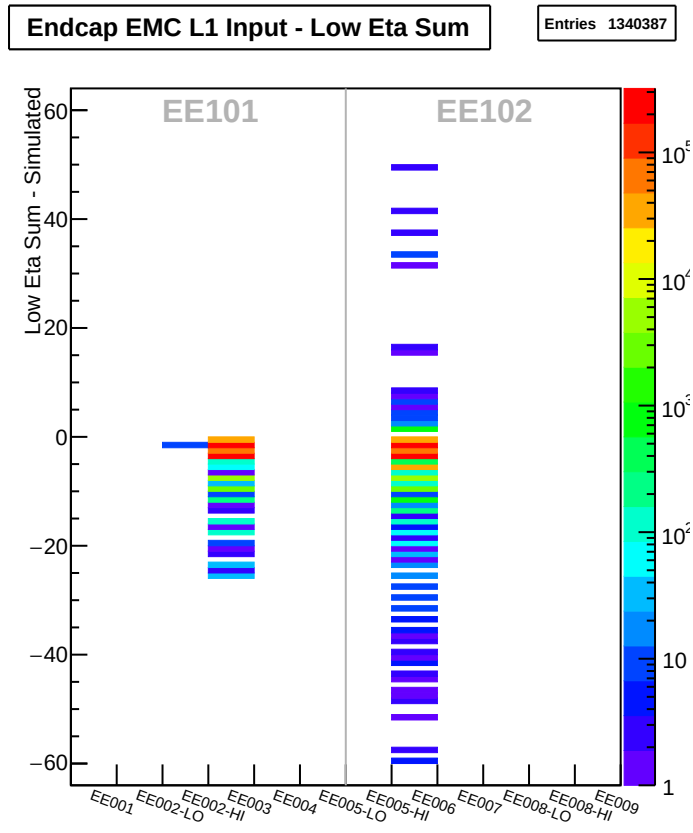

Barrel EMC L1 Input - High Tower Bits
Entries 2.179446e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

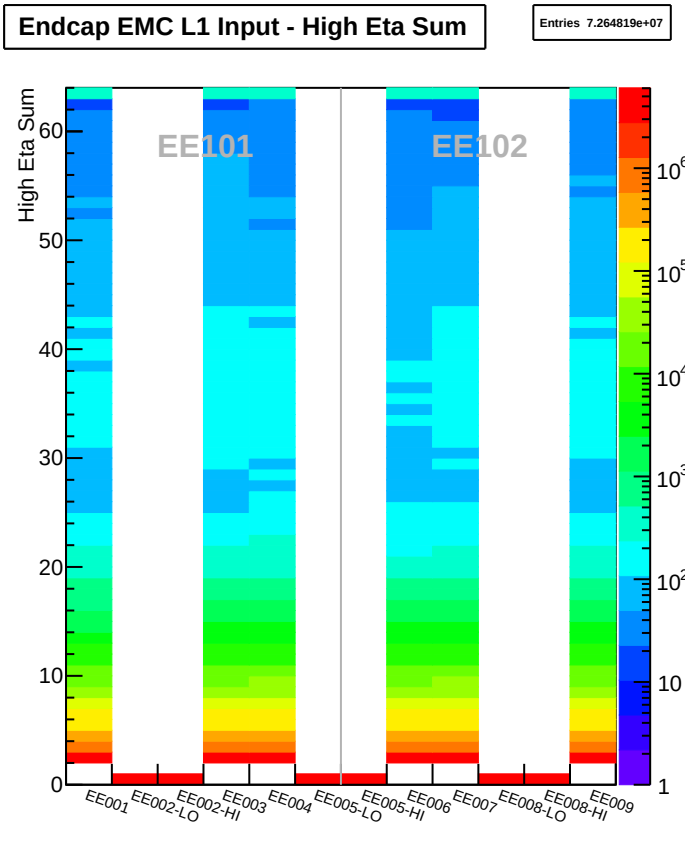

Barrel EMC L1 Input - High Tower Bits
Entries 184632
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

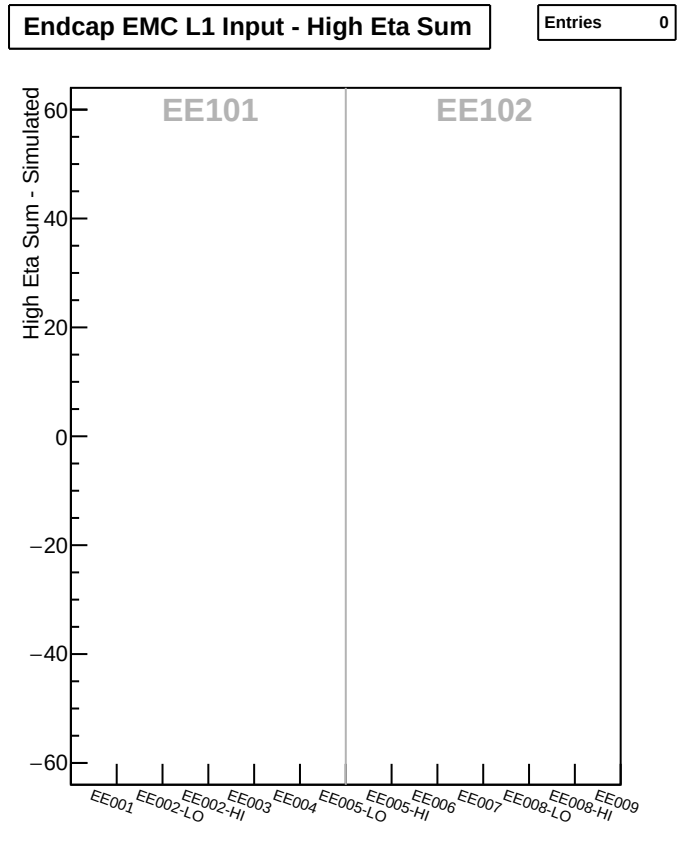

Barrel EMC L1 Input - HT.TP Bit
Entries 2.179446e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

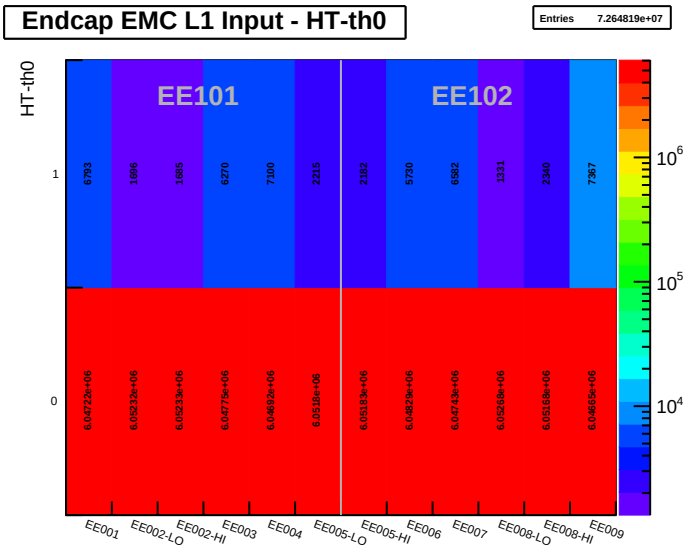

Barrel EMC L1 Input - High Tower Bits
Entries 183876
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

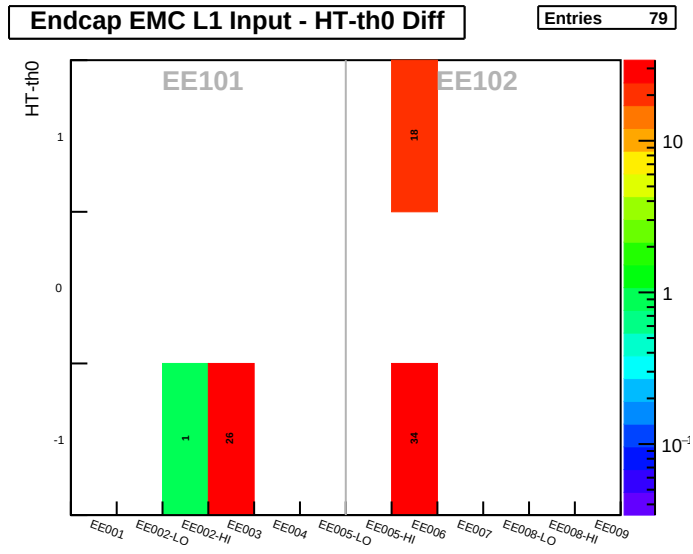

Endcap EMC L1 Input - Low Eta Sum
Entries 7.264819e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

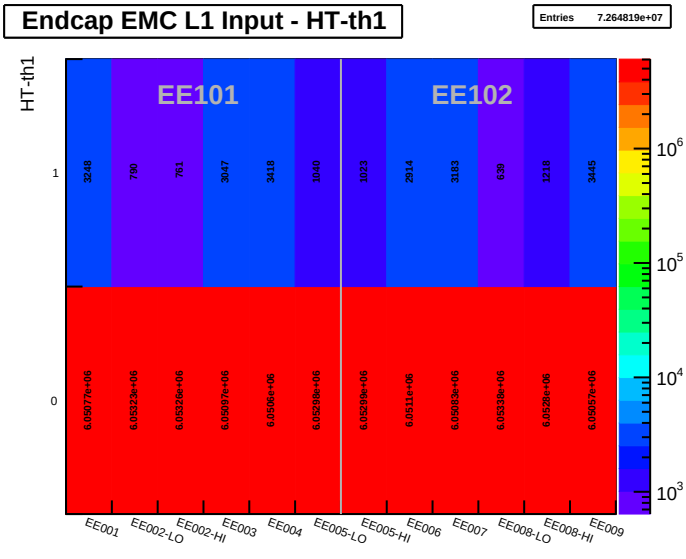

Endcap EMC L1 Input - Low Eta Sum
Entries 1340387
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

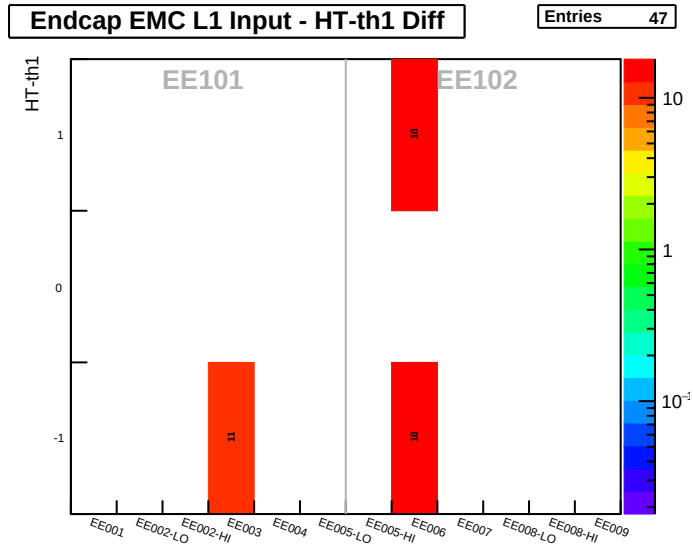

Endcap EMC L1 Input - High Eta Sum
Entries 7.264819e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

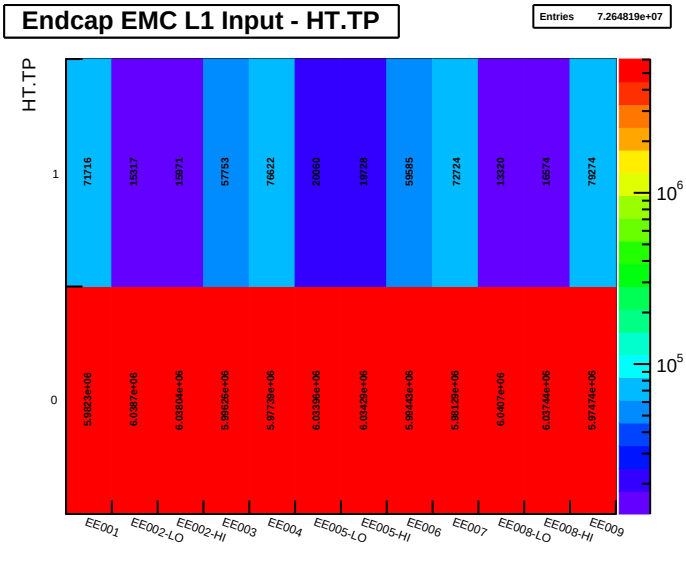

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

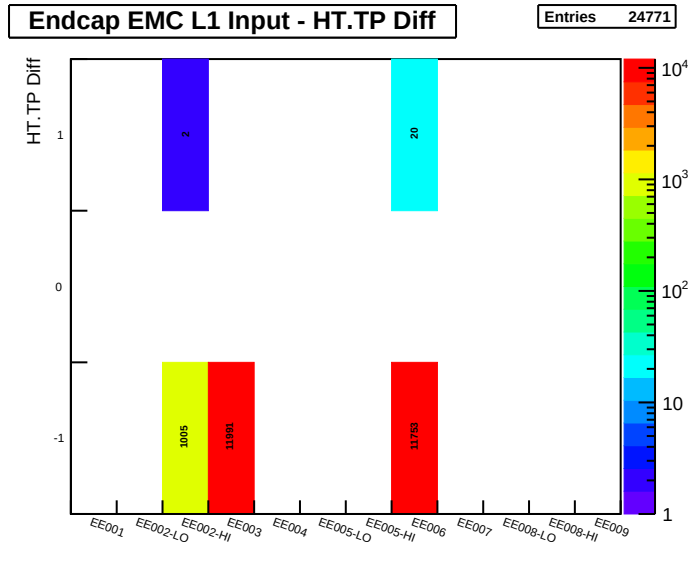

Endcap EMC L1 Input - HT-th0
Entries 7.264819e+07
HT-th0
EE101
EE102
1
0
6793
1696
1685
6270
7100
2215
2182
5730
6582
1331
2340
7367
6.04722e+06
6.05232e+06
6.05233e+06
6.04775e+06
6.04692e+06
6.0518e+06
6.05183e+06
6.04829e+06
6.04743e+06
6.05268e+06
6.05168e+06
6.04665e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

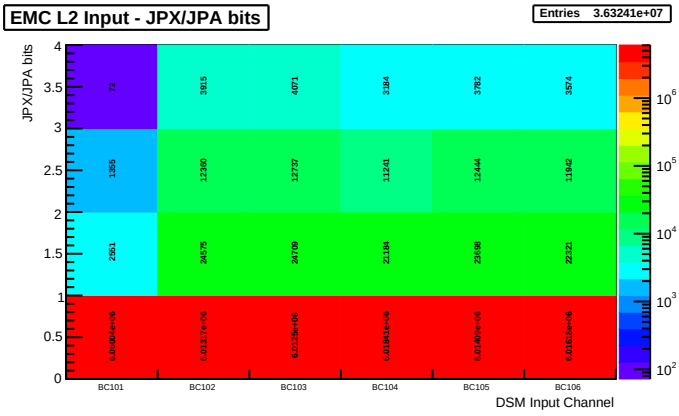

Endcap EMC L1 Input - HT-th0 Diff
Entries 79
HT-th0
EE101
EE102
1
0
-1
18
1
26
34
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

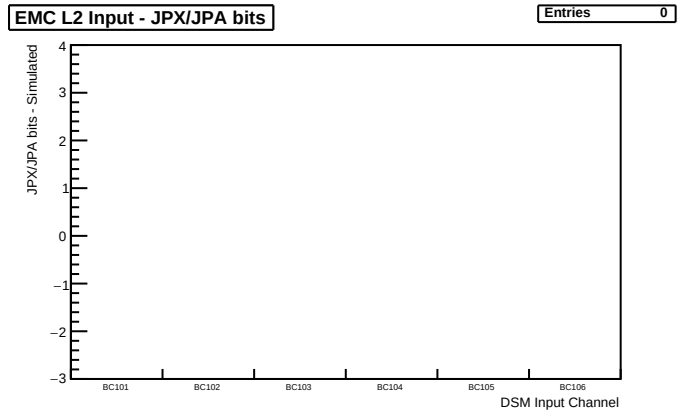

Endcap EMC L1 Input - HT-th1
Entries 7.264819e+07
HT-th1
EE101
EE102
1
0
3248
790
761
3047
3418
1040
1023
2914
3183
639
1218
3445
6.05077e+06
6.05323e+06
6.05326e+06
6.05097e+06
6.0506e+06
6.05298e+06
6.05299e+06
6.0511e+06
6.05093e+06
6.05338e+06
6.0528e+06
6.05057e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

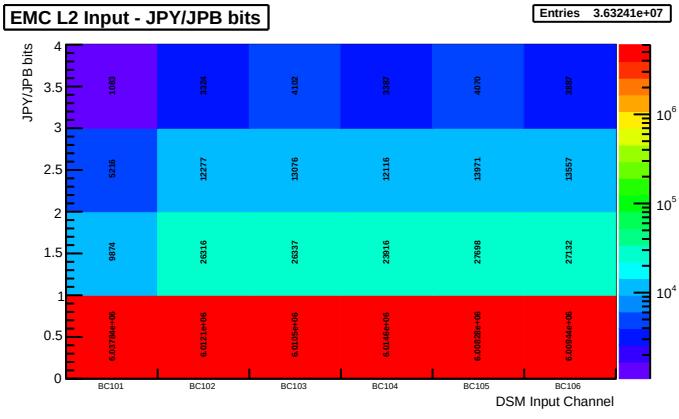

Endcap EMC L1 Input - HT-th1 Diff
Entries 47
HT-th1
EE101
EE102
1
0
-1
18
11
18
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

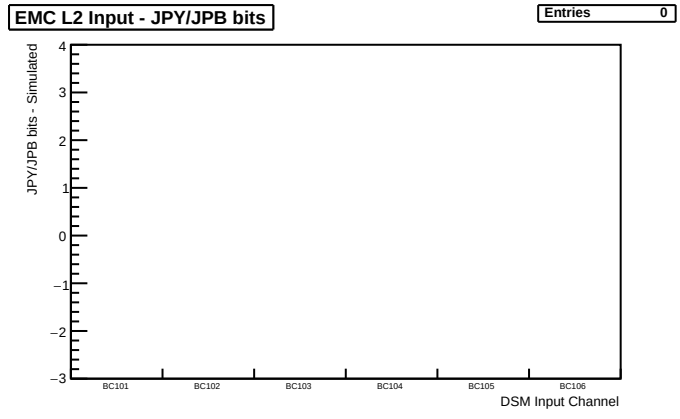

Endcap EMC L1 Input - HT.TP
Entries 7.264819e+07
HT.TP
1
0
71716
15317
15971
57753
76622
20060
19726
59585
72724
13320
16574
79274
5.9823e+06
6.0387e+06
6.03804e+06
5.99626e+06
5.97739e+06
6.03396e+06
6.03429e+06
5.99442e+06
5.98129e+06
6.0407e+06
6.03744e+06
5.97474e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5

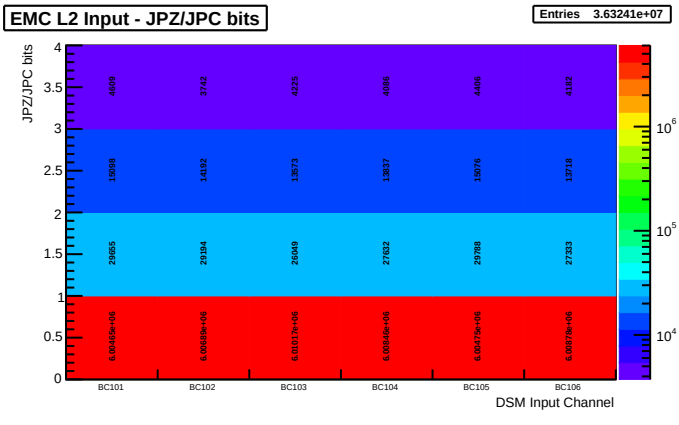

Endcap EMC L1 Input - HT.TP Diff
Entries 24771
HT.TP Diff
1
0
-1
2
20
1005
11991
11753
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^4
10^3
10^2
10
1

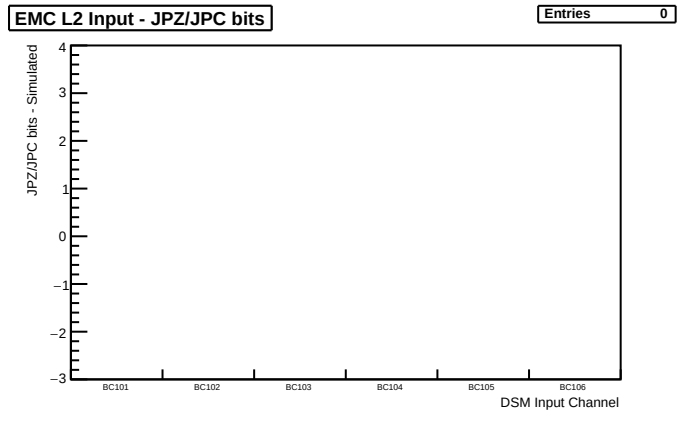

EMC L2 Input - JPX/JPA bits
Entries 3.63241e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
72
3915
4071
3194
3782
3574
1355
12260
12737
11241
12444
11942
2951
24575
24709
21194
23988
22321
6.05004e+06
6.01317e+06
6.0125e+06
6.01381e+06
6.01409e+06
6.01618e+06

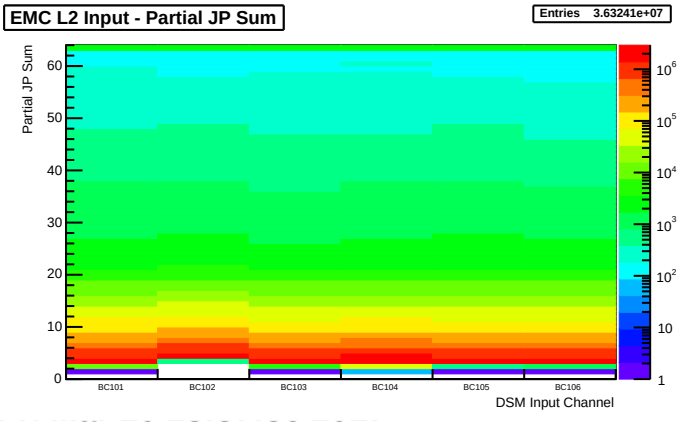

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

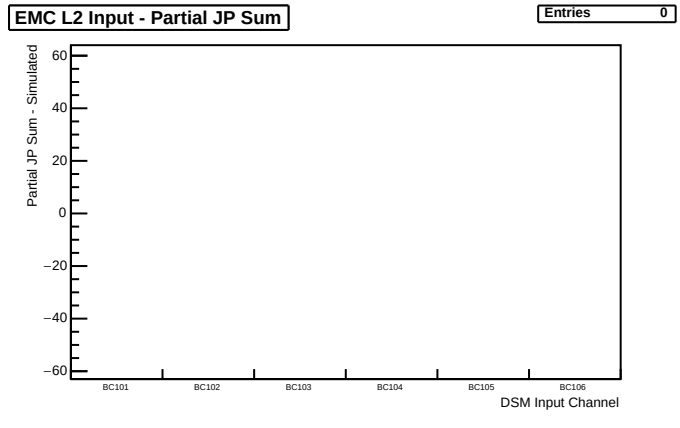

EMC L2 Input - JPY/JPB bits
Entries 3.63241e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
1083
3324
4102
3387
4070
3887
5215
12277
13076
12116
13971
13557
9874
26316
26337
23916
27698
27132
6.03784e+06
6.0121e+06
6.0105e+06
6.0146e+06
6.00828e+06
6.00944e+06

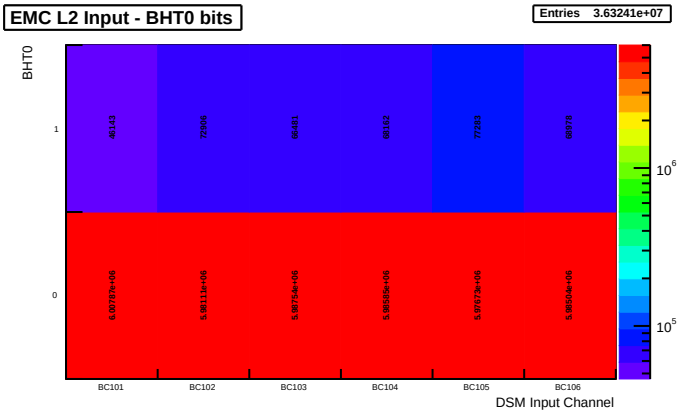

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

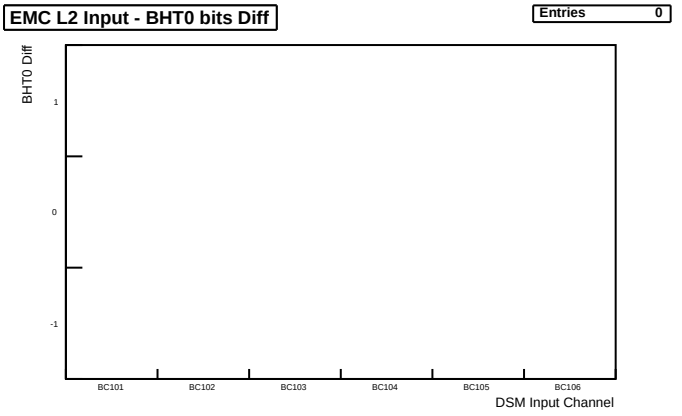

EMC L2 Input - JPZ/JPC bits
Entries 3.63241e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4609
3742
4225
4066
4406
4182
15998
14192
13573
13837
15976
13718
29655
29194
26949
27632
29788
27333
6.0045e+06
6.00689e+06
6.01017e+06
6.00846e+06
6.00475e+06
6.00879e+06

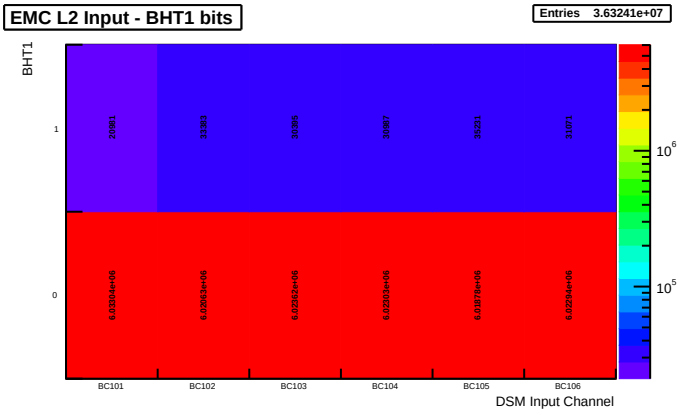

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

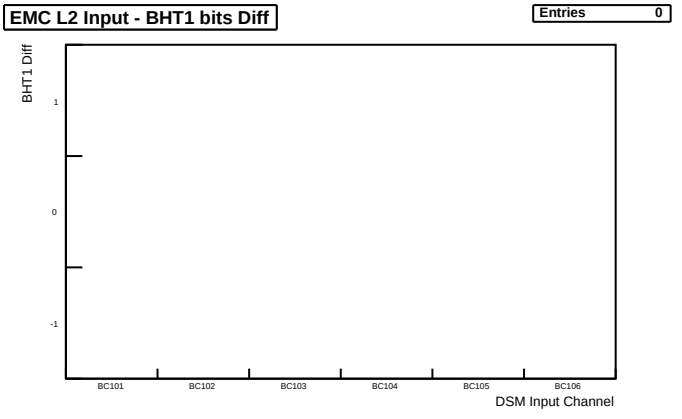

EMC L2 Input - Partial JP Sum
Entries 3.63241e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

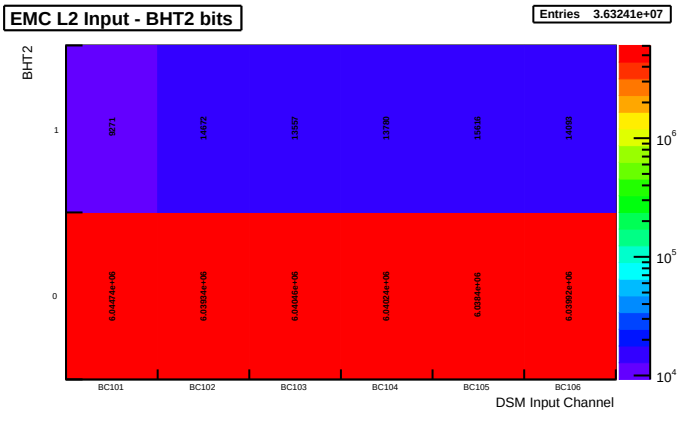

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

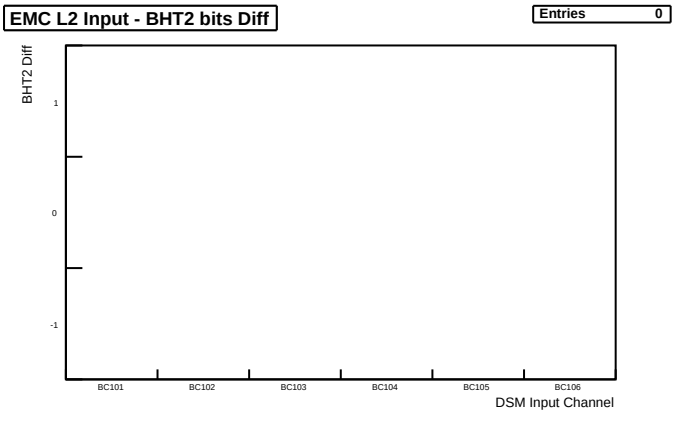

EMC L2 Input - BHT0 bits
Entries 3.63241e+07
BHT0
1
0
46143
72906
66461
69162
77283
69078
6.0787e+06
5.9811e+06
5.9754e+06
5.9585e+06
5.9767e+06
5.9859e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

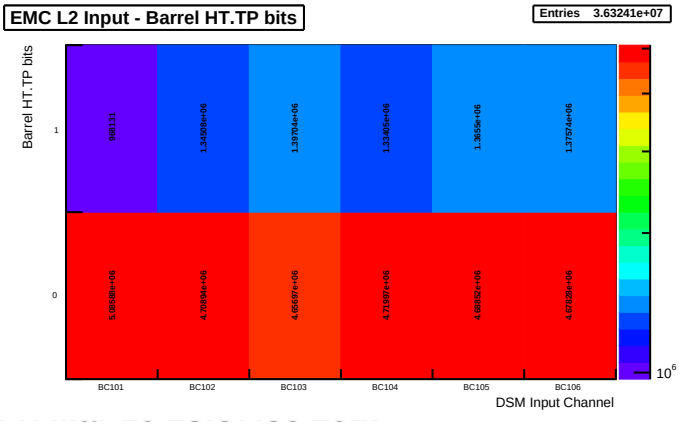

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

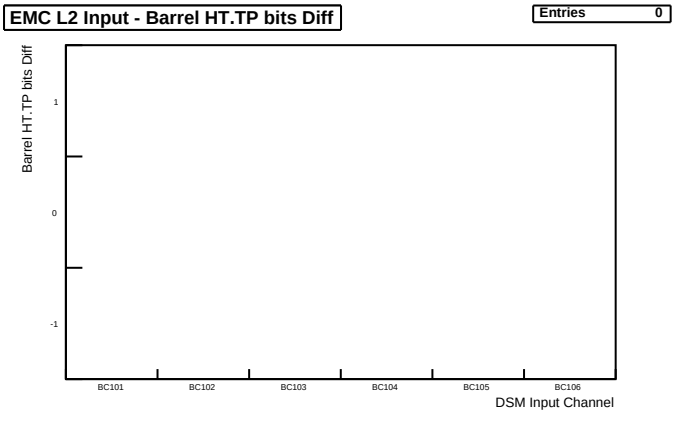

EMC L2 Input - BHT1 bits
Entries 3.63241e+07
BHT1
1
0
2981
3383
3385
3087
3221
3071
6.03304e+06
6.02963e+06
6.02362e+06
6.02203e+06
6.01778e+06
6.02204e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

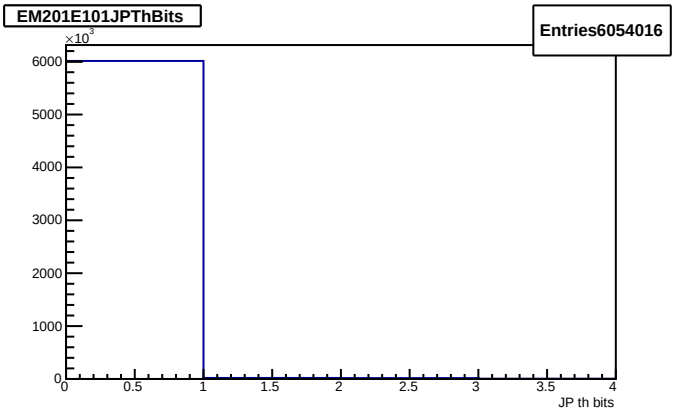

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

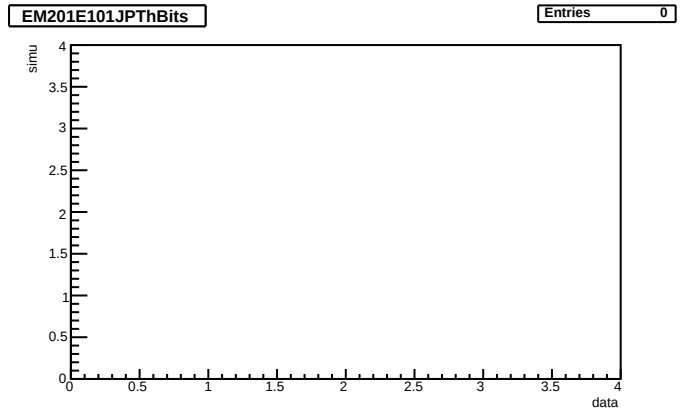

EMC L2 Input - BHT2 bits
Entries 3.63241e+07
BHT2
1
0
9271
14672
13557
13770
15515
14503
6.04474e+06
6.03934e+06
6.04066e+06
6.04024e+06
6.03914e+06
6.03932e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

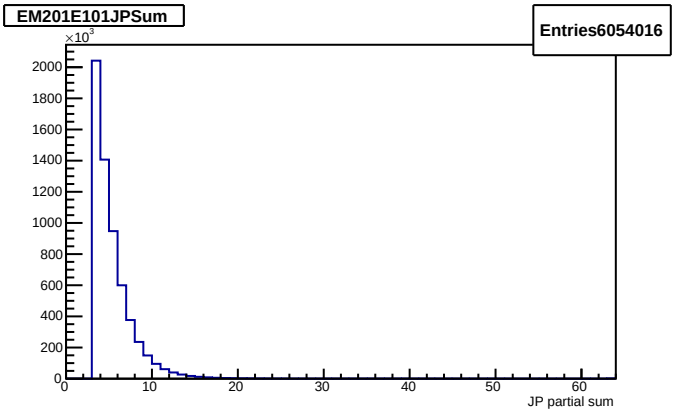

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

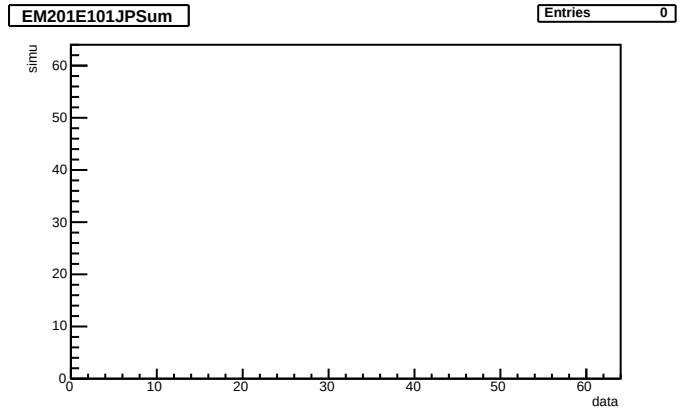

EMC L2 Input - Barrel HT.TP bits
Entries 3.63241e+07
Barrel HT.TP bits
1
0
968131
1.34598e+06
1.39704e+06
1.33405e+06
1.3655e+06
1.37574e+06
5.08588e+06
4.70894e+06
4.65697e+06
4.71997e+06
4.68852e+06
4.67328e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

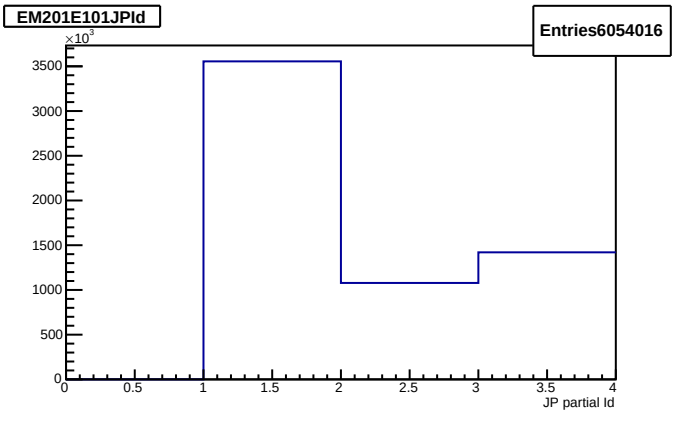

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

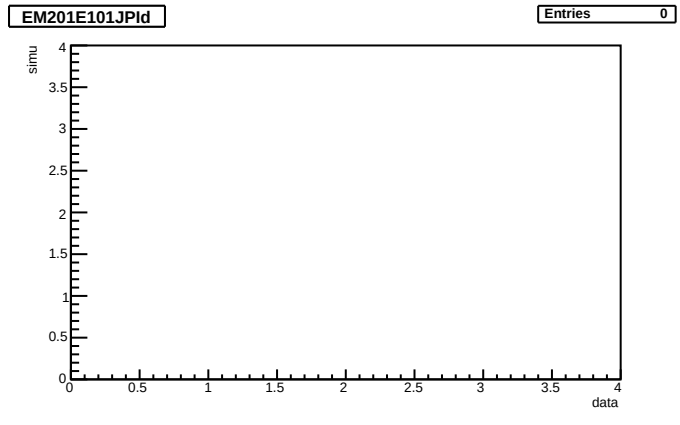

EM201E101JPThBits
Entries6054016
×10^3
JP th bits

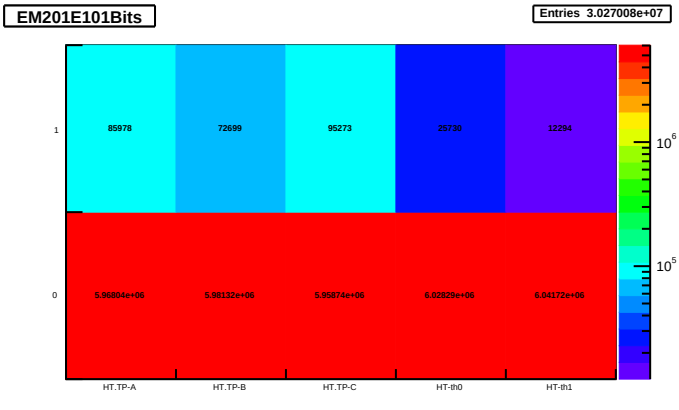

EM201E101JPThBits
Entries 0
simu
data

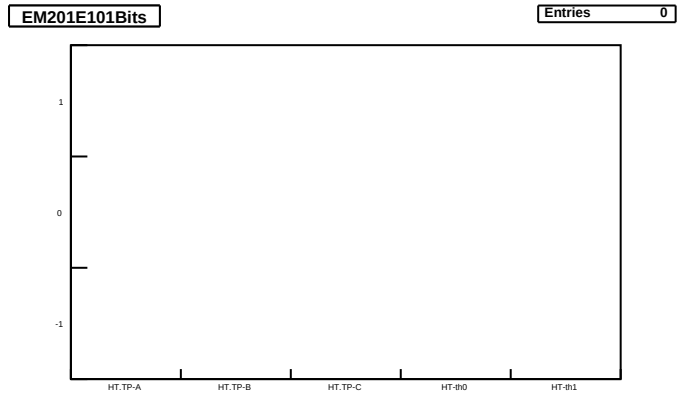

EM201E101JPSum
Entries6054016
×10^3
JP partial sum

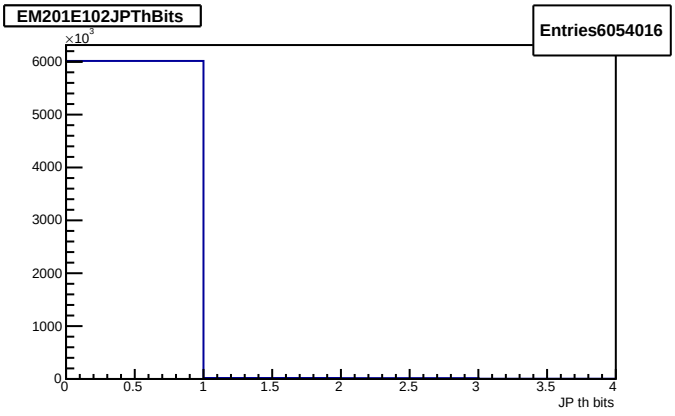

EM201E101JPSum
Entries 0
simu
data

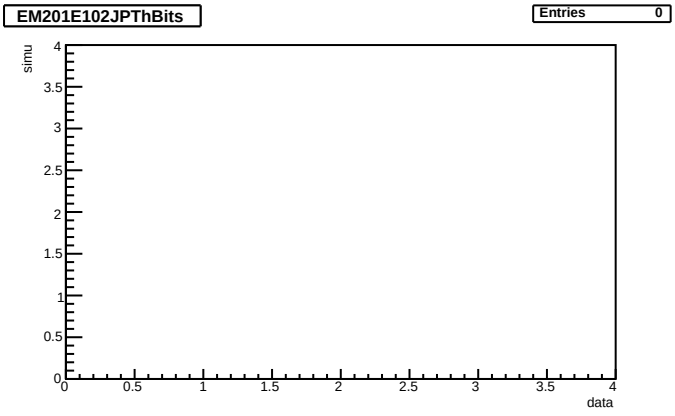

EM201E101JPId
Entries6054016
×10^3
JP partial Id

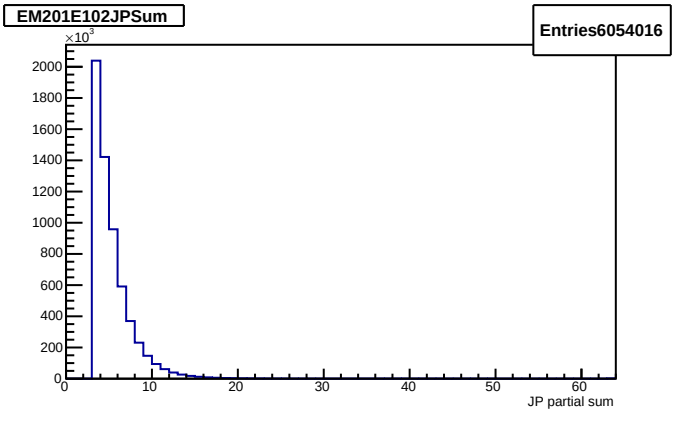

EM201E101JPId
Entries 0
simu
data

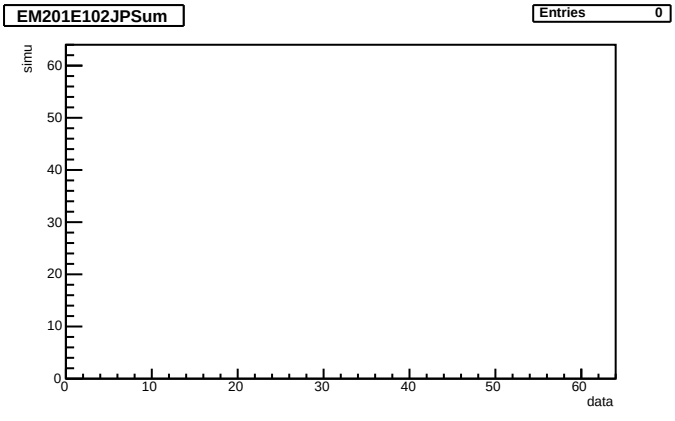

EM201E101Bits
Entries 3.027008e+07
85978
72699
95273
25730
12284
5.96804e+06
5.98132e+06
5.95874e+06
6.02829e+06
6.04172e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

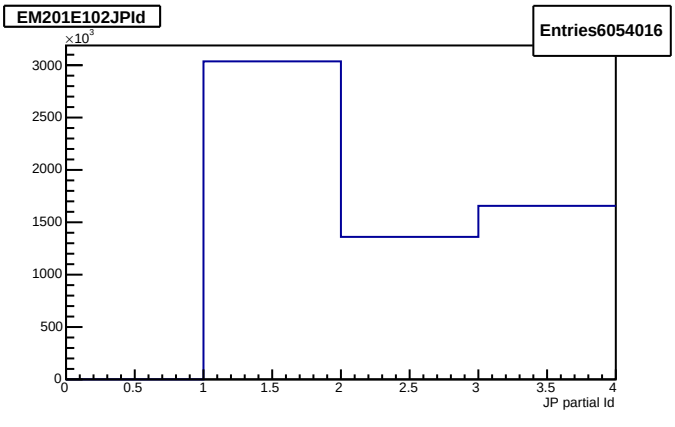

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

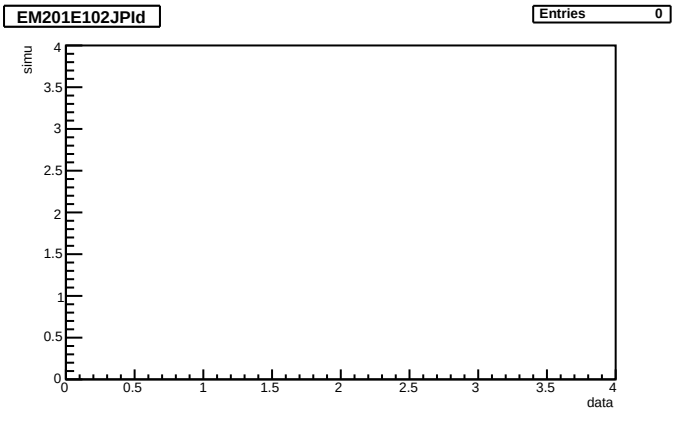

EM201E102JPThBits
Entries6054016
×10^3
JP th bits

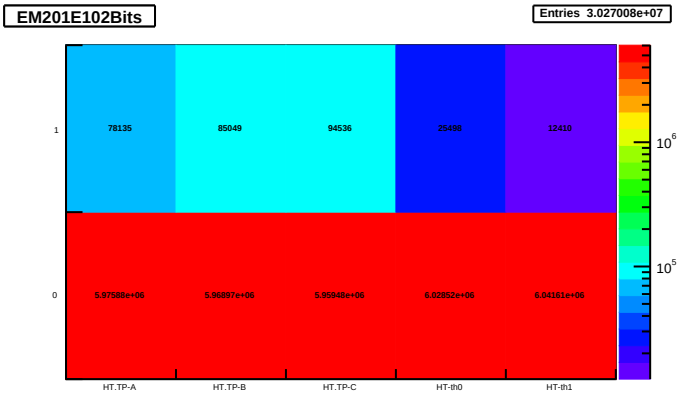

EM201E102JPThBits
Entries 0
simu
data

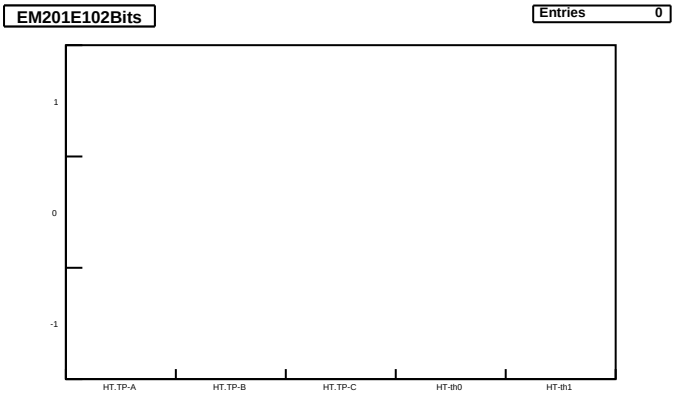

EM201E102JPSum
Entries6054016
×10^3
JP partial sum

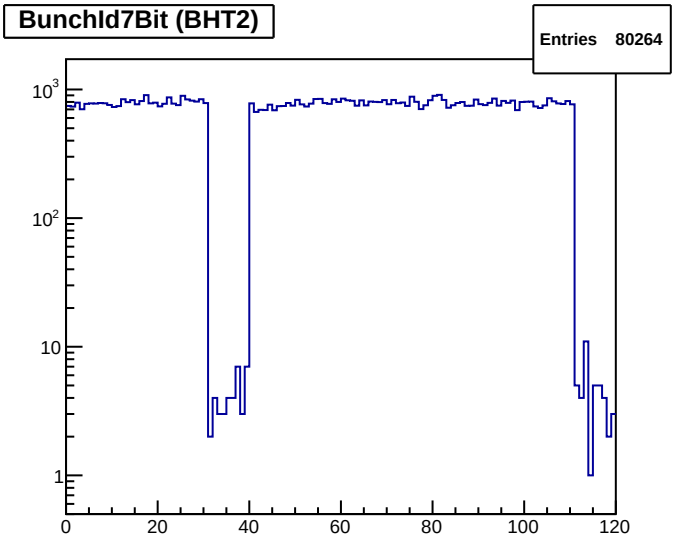

EM201E102JPSum
Entries 0
simu
data

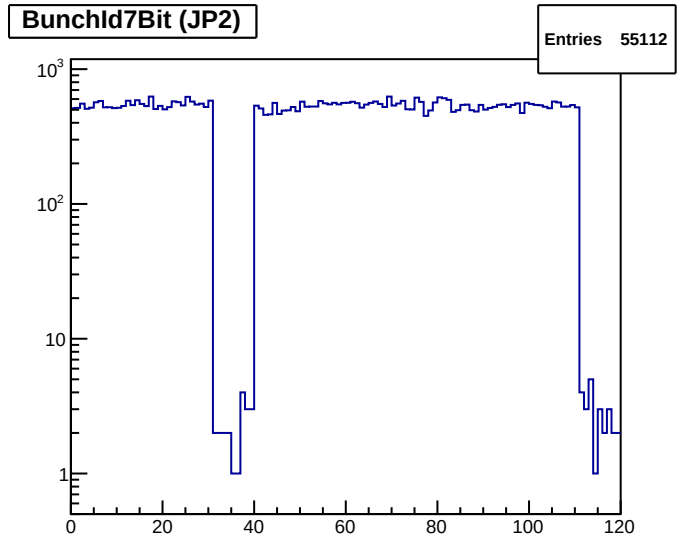

EM201E102JPId
Entries6054016
×10^3
JP partial Id

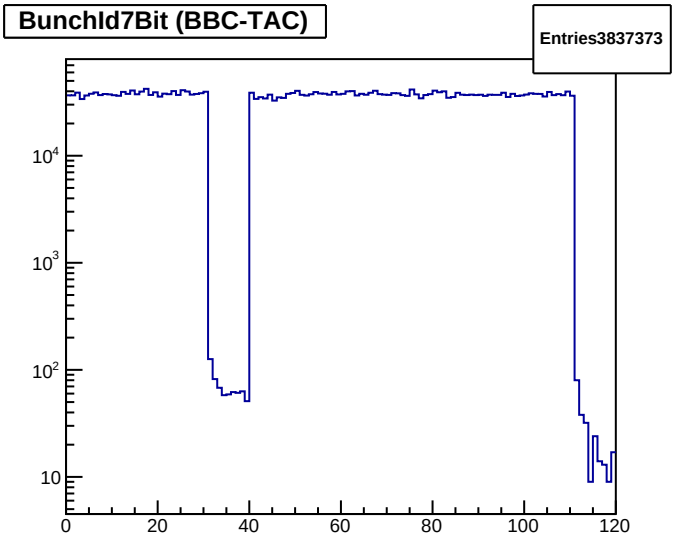

EM201E102JPId
Entries 0
simu
data

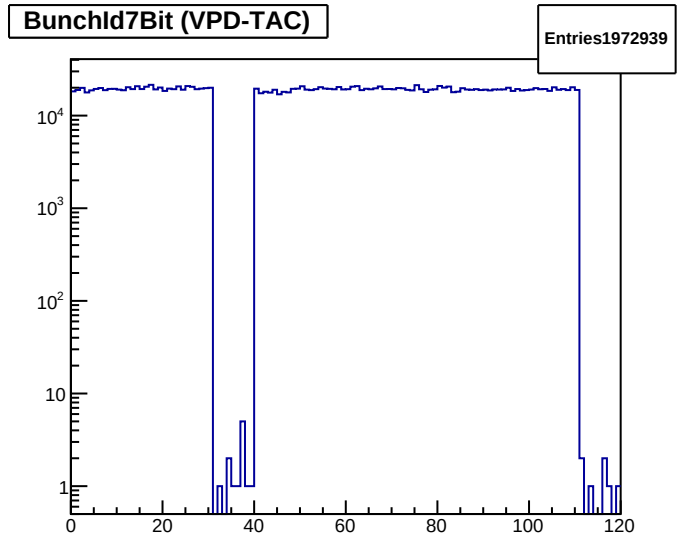

EM201E102Bits
Entries 3.027008e+07
78135
85049
94536
25498
12410
5.97588e+06
5.96897e+06
5.95948e+06
6.02852e+06
6.04161e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

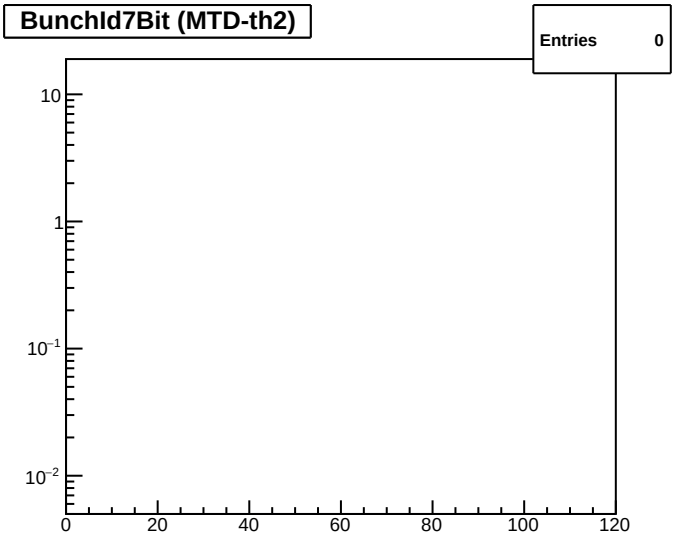

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

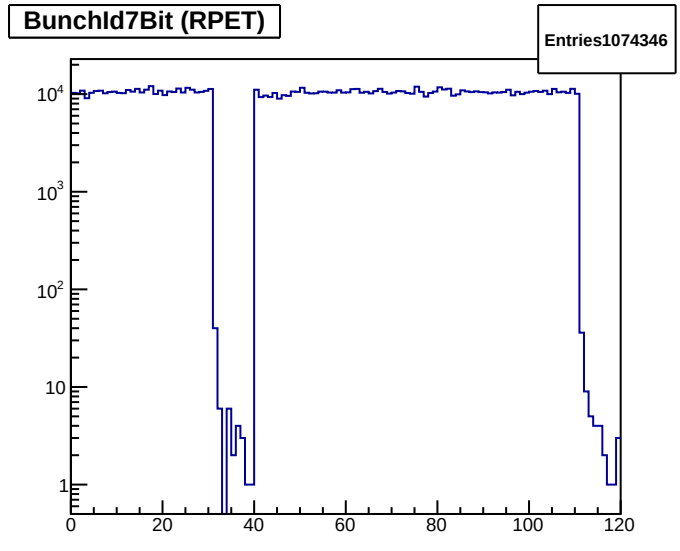

BunchId7Bit (BHT2)
Entries 80264

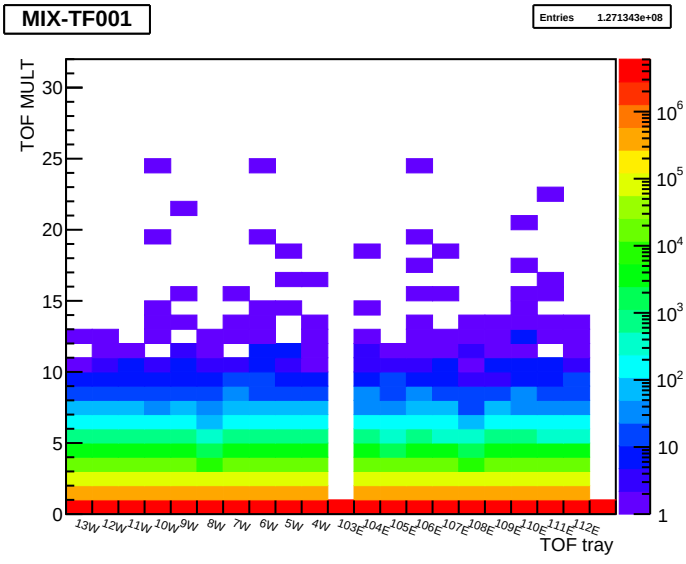

BunchId7Bit (JP2)
Entries 55112

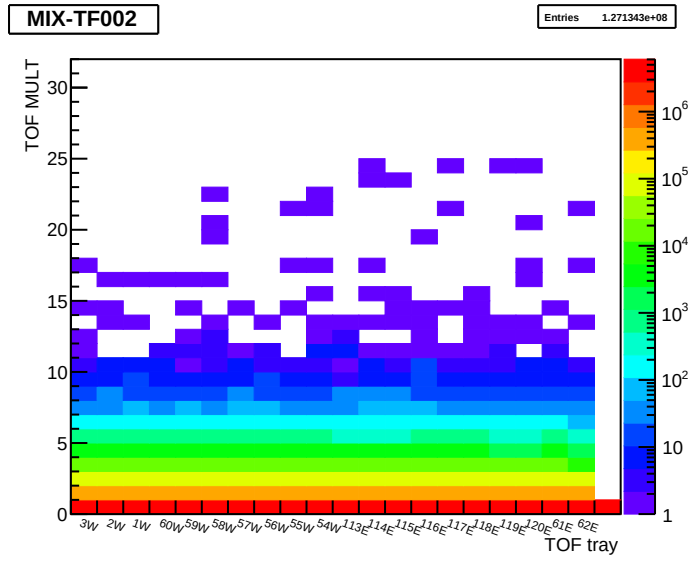

BunchId7Bit (BBC-TAC)
Entries3837373

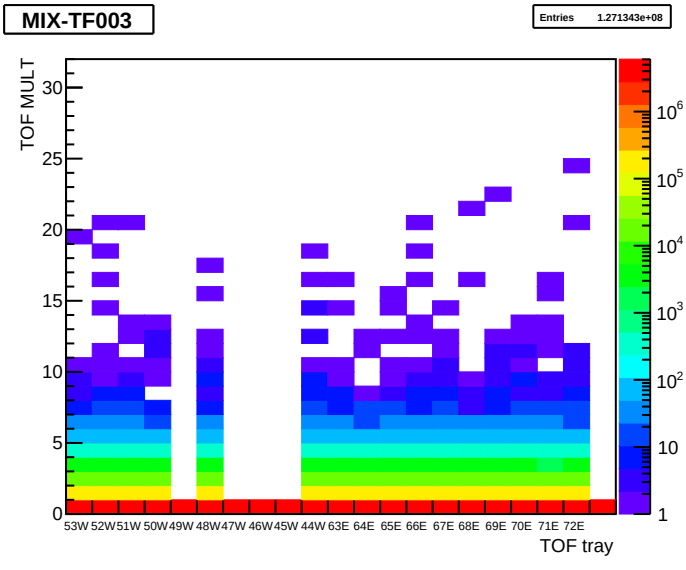

BunchId7Bit (VPD-TAC)
Entries1972939

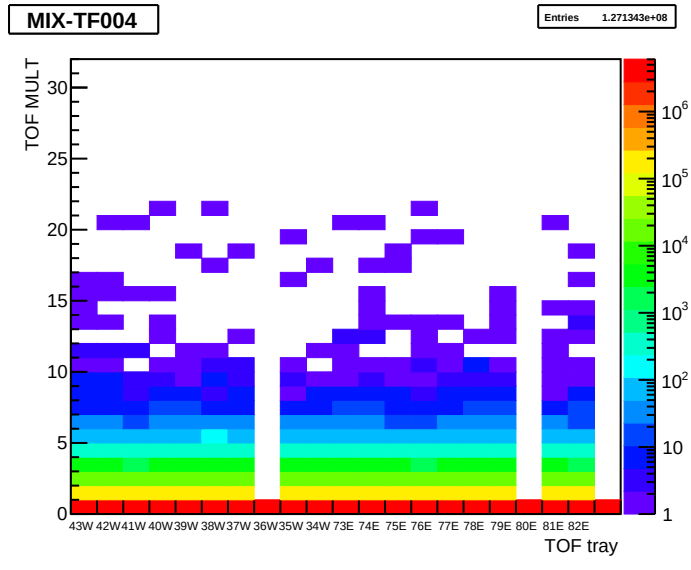

BunchId7Bit (MTD-th2)
Entries 0

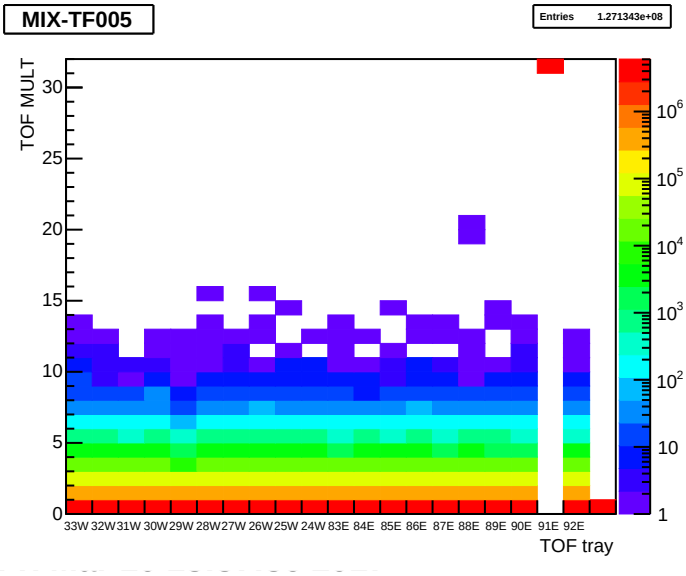

BunchId7Bit (RPET)
Entries1074346

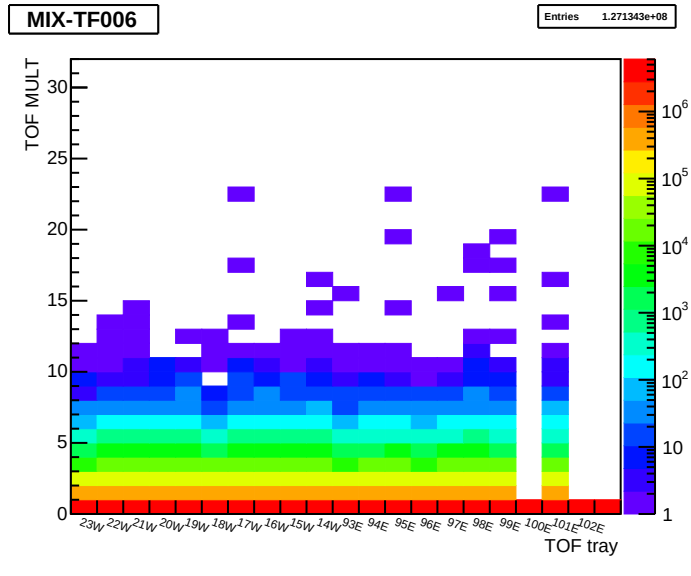

MIX-TF001
Entries 1.271343e+08
TOF MULT
TOF tray

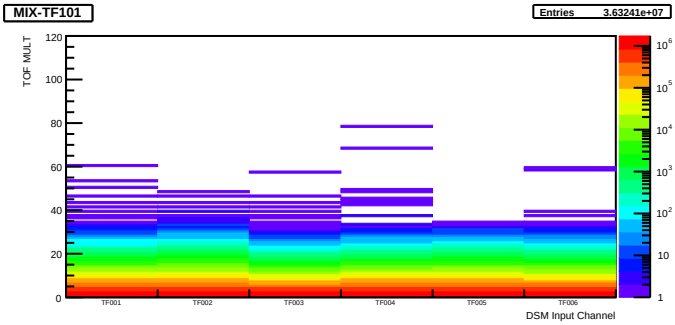

MIX-TF002
Entries 1.271343e+08
TOF MULT
TOF tray

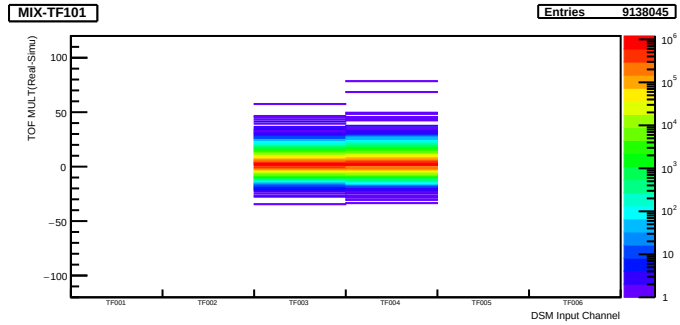

MIX-TF003
Entries 1.271343e+08
TOF MULT
TOF tray

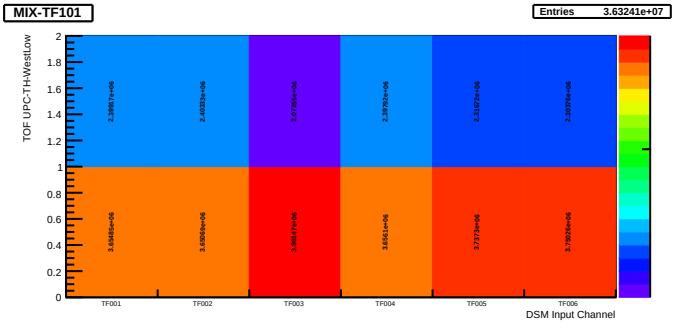

MIX-TF004
Entries 1.271343e+08
TOF MULT
TOF tray

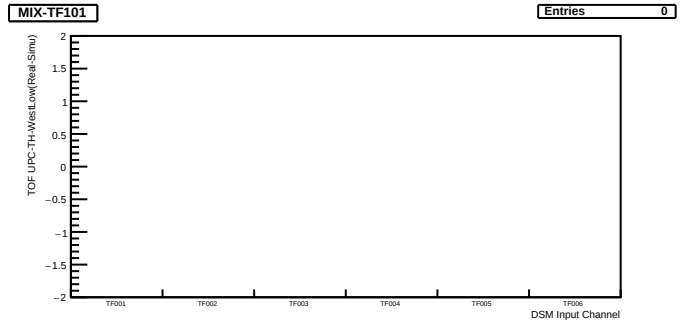

MIX-TF005
Entries 1.271343e+08
TOF MULT
TOF tray

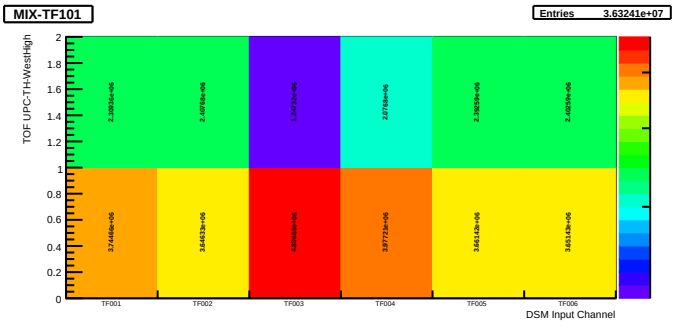

MIX-TF006
Entries 1.271343e+08
TOF MULT
TOF tray

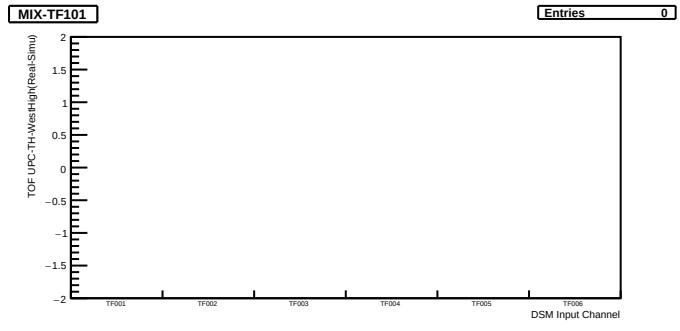

MIX-TF101
Entries 3.63241e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

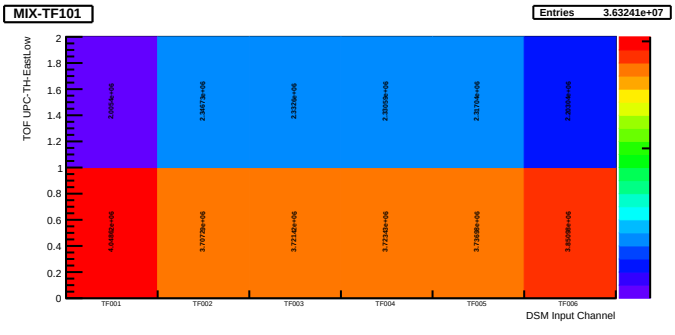

MIX-TF101
Entries 9138045
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

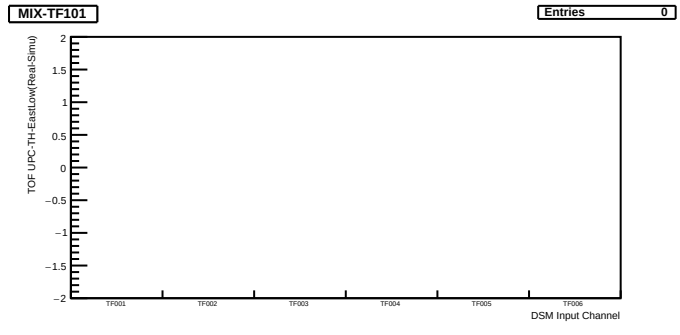

MIX-TF101
Entries 3.63241e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

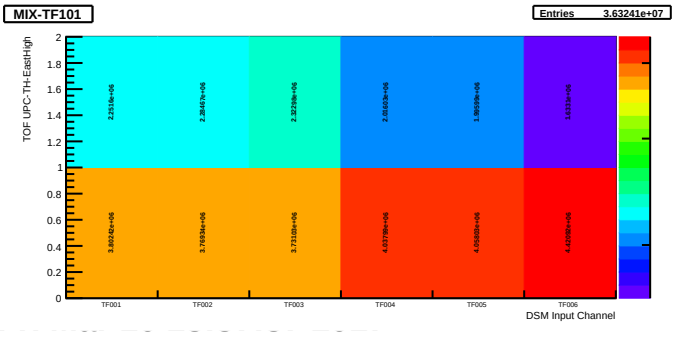

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

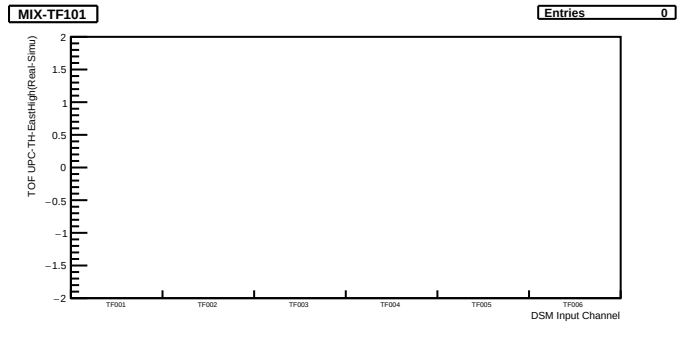

MIX-TF101
Entries 3.63241e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

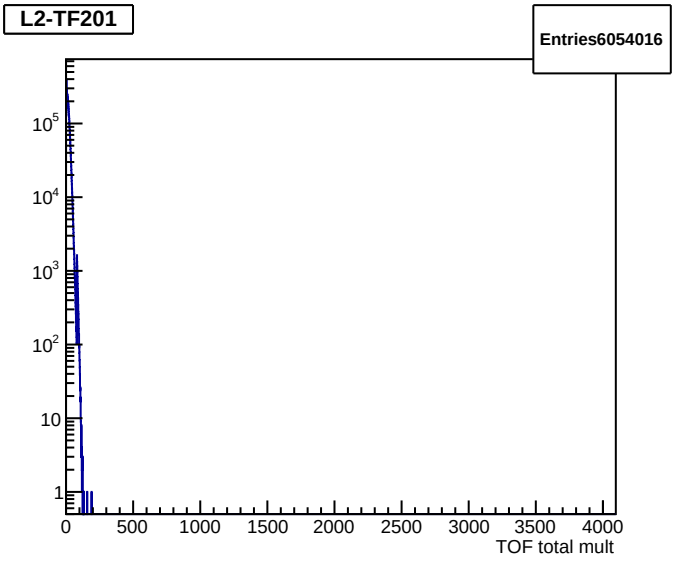

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

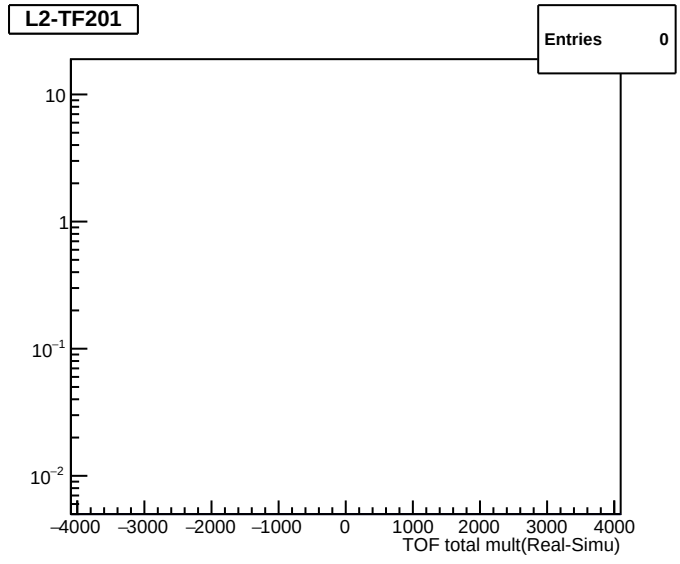

MIX-TF101
Entries 3.63241e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

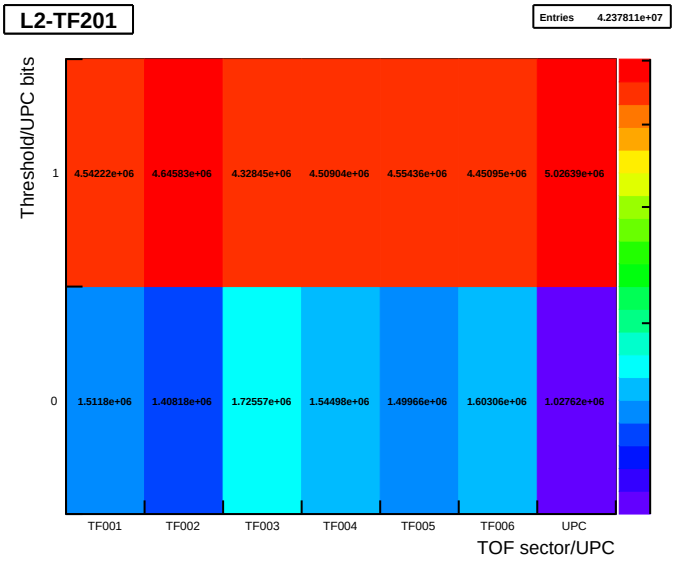

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

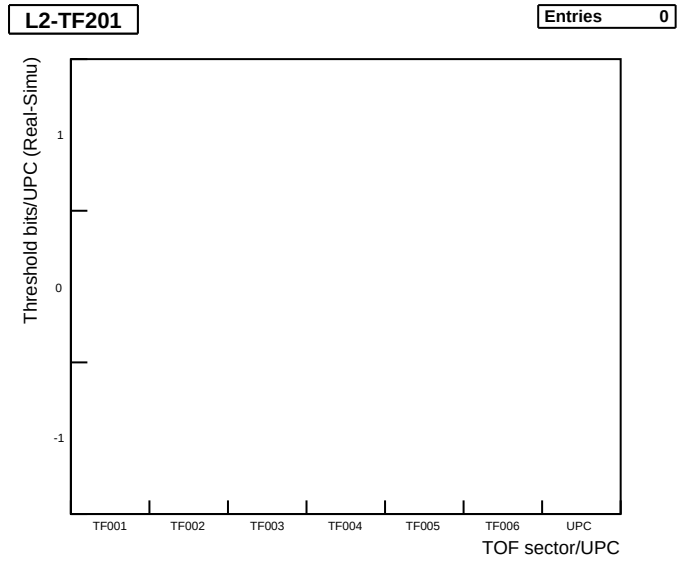

MIX-TF101
Entries 3.63241e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

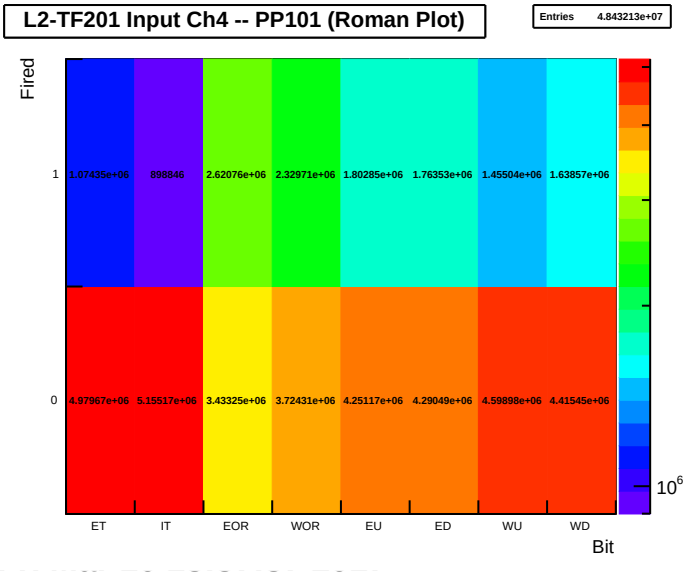

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

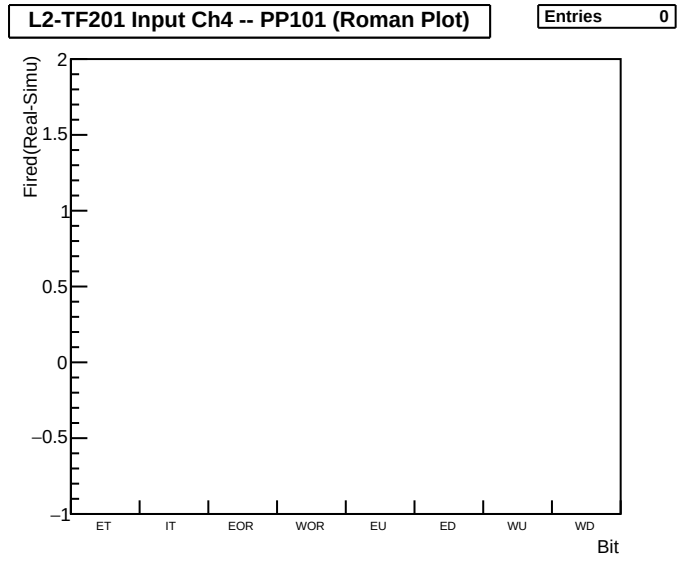

L2-TF201
Entries6054016
TOF total mult

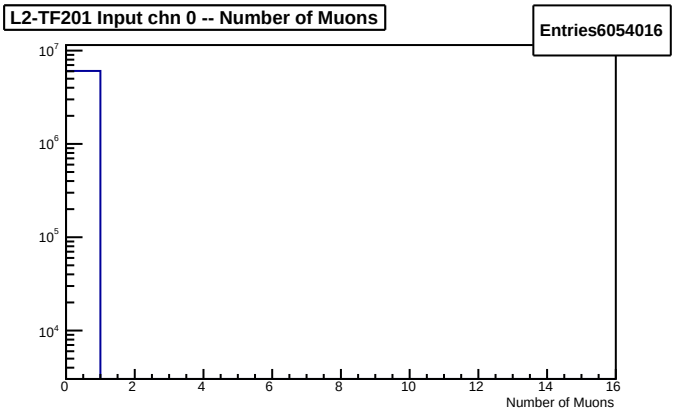

L2-TF201
Entries 0
TOF total mult(Real-Simu)

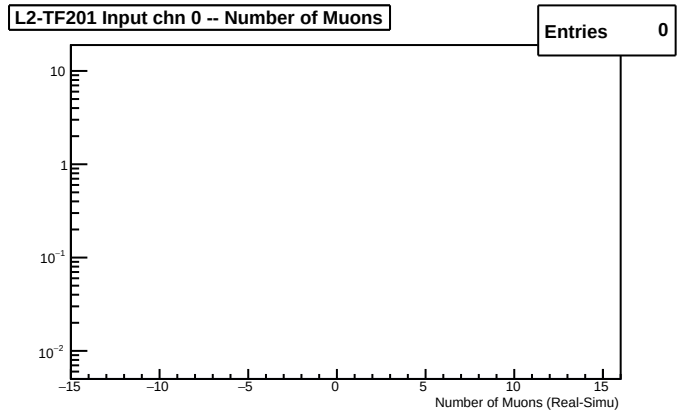

L2-TF201
Entries 4.237811e+07
Threshold/UPC bits
4.54222e+06
4.64583e+06
4.32845e+06
4.50904e+06
4.55436e+06
4.45095e+06
5.02639e+06
1.5118e+06
1.40818e+06
1.72557e+06
1.54498e+06
1.49966e+06
1.60306e+06
1.02762e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

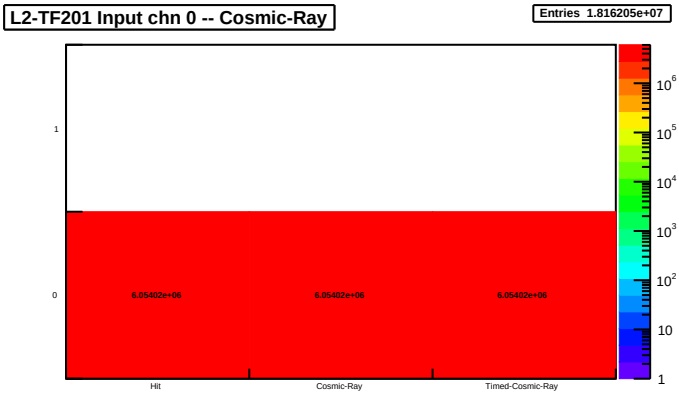

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

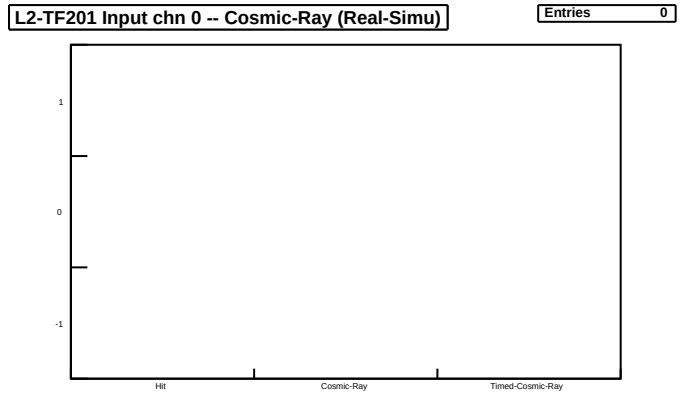

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.843213e+07
Fired
1.07435e+06
898846
2.62076e+06
2.32971e+06
1.80285e+06
1.76353e+06
1.45504e+06
1.63857e+06
4.97967e+06
5.15517e+06
3.43325e+06
3.72431e+06
4.25117e+06
4.29049e+06
4.59898e+06
4.41545e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

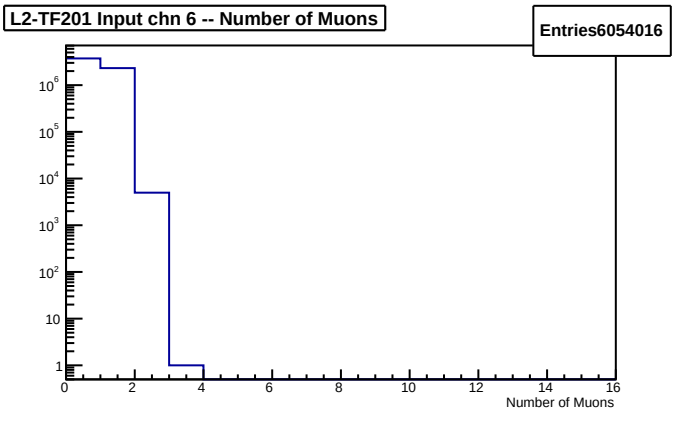

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

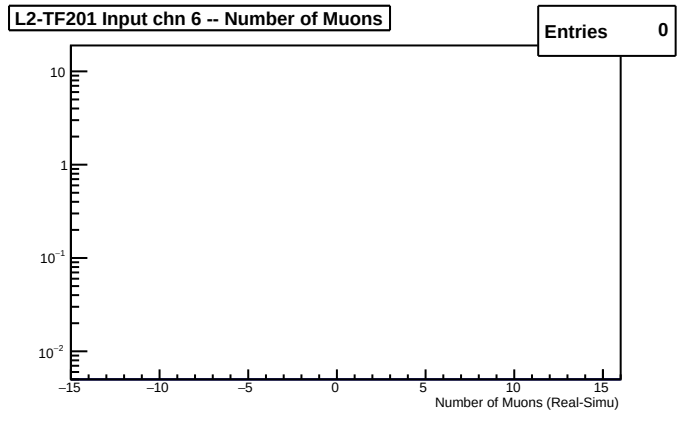

L2-TF201 Input chn 0 -- Number of Muons
Entries6054016
Number of Muons

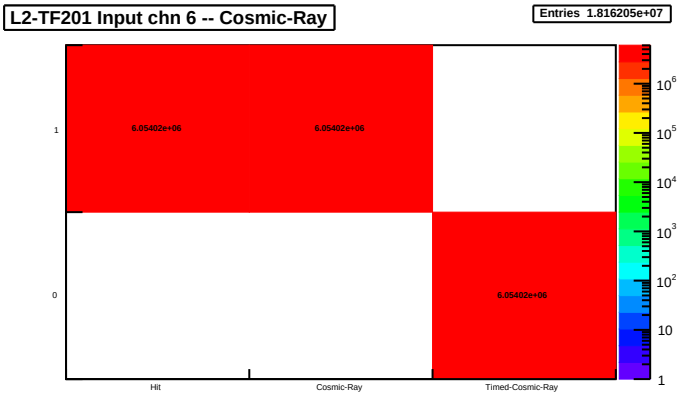

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

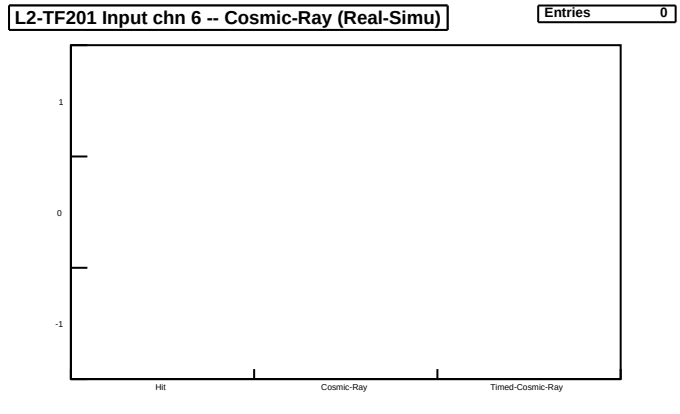

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.816205e+07
6.05402e+06
6.05402e+06
6.05402e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

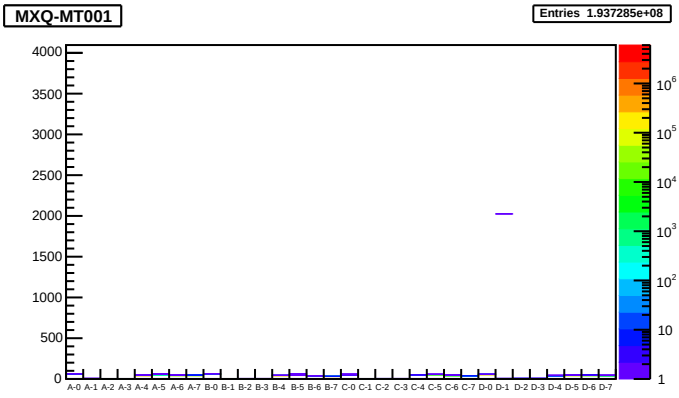

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

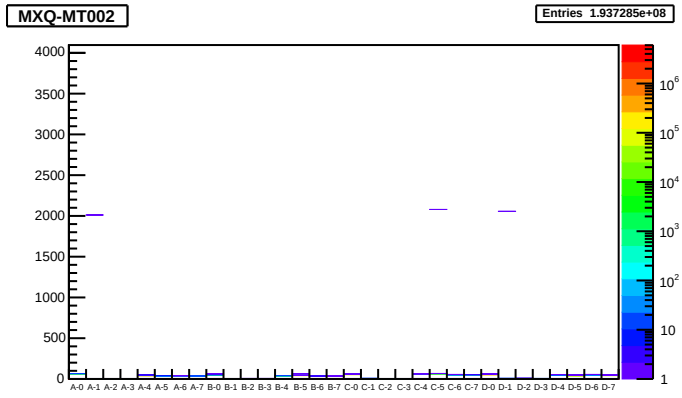

L2-TF201 Input chn 6 -- Number of Muons
Entries6054016
Number of Muons

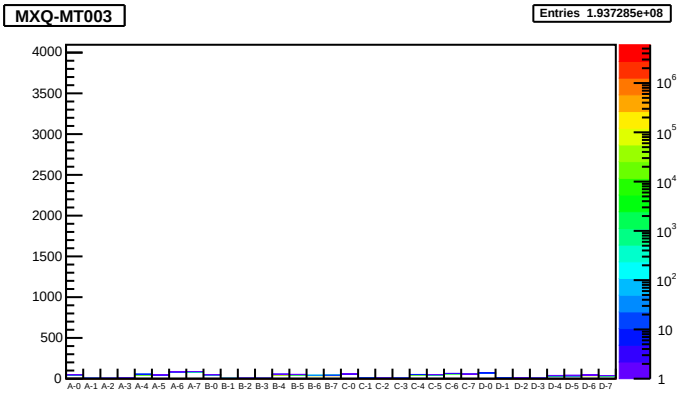

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

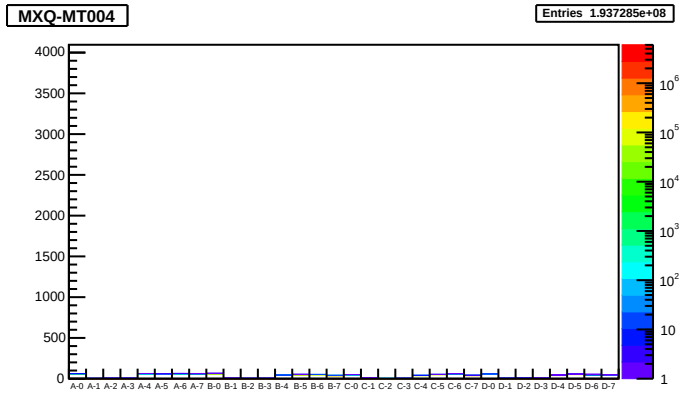

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.816205e+07
6.05402e+06
6.05402e+06
6.05402e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

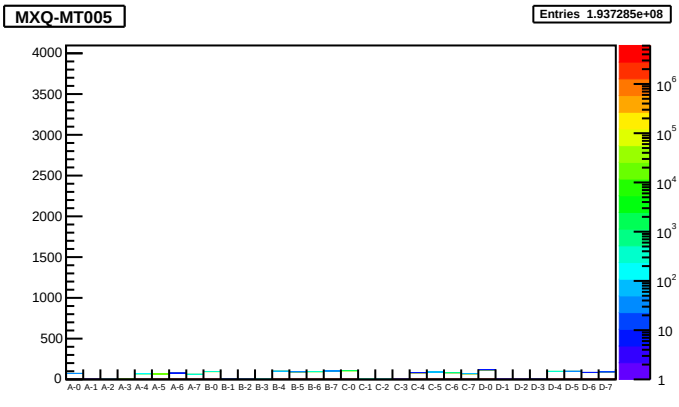

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

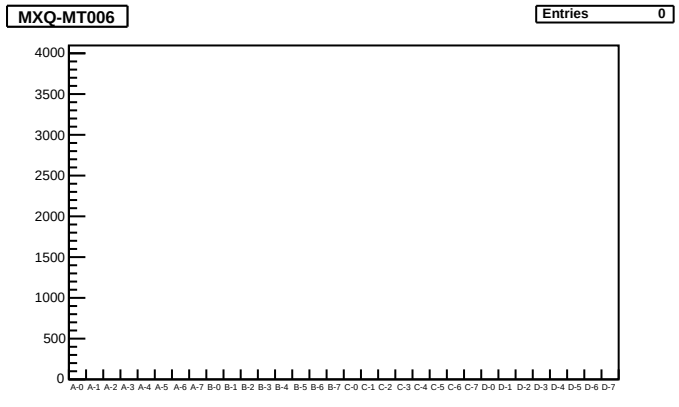

MXQ-MT001
Entries 1.937285e+08

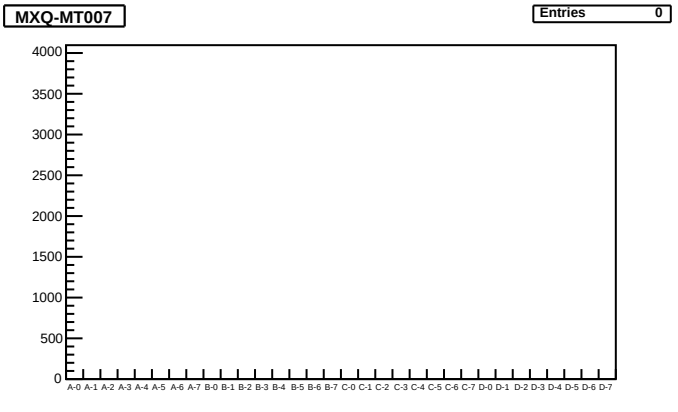

MXQ-MT002
Entries 1.937285e+08

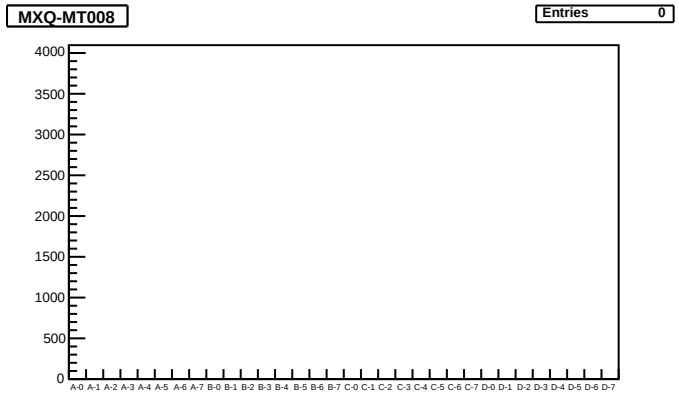

MXQ-MT003
Entries 1.937285e+08

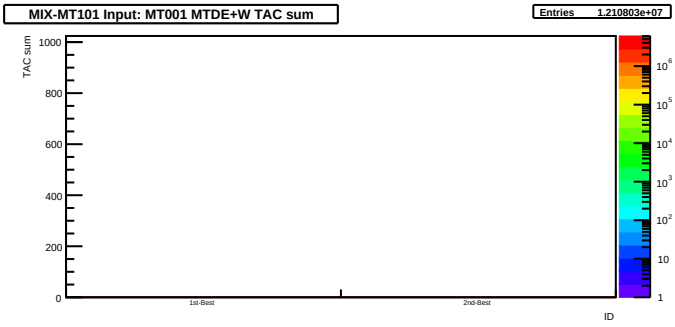

MXQ-MT004
Entries 1.937285e+08

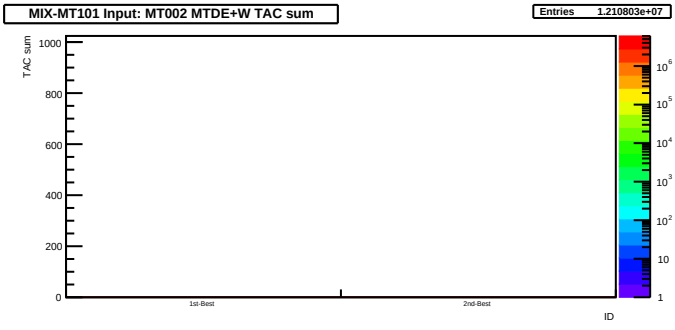

MXQ-MT005
Entries 1.937285e+08

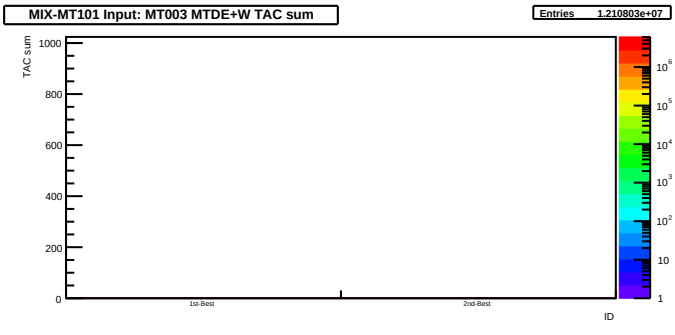

MXQ-MT006
Entries 0

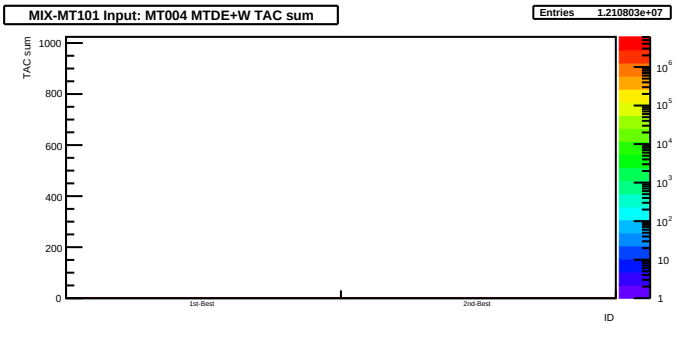

MXQ-MT007
Entries 0

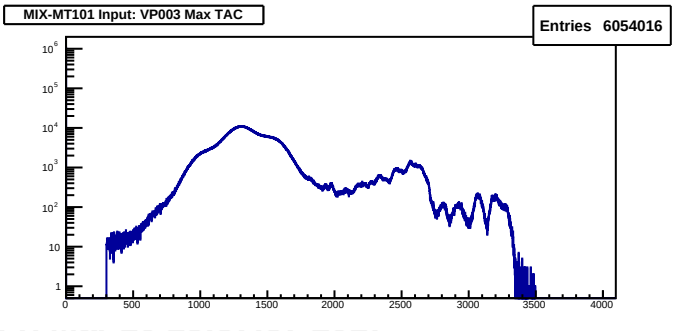

MXQ-MT008
Entries 0

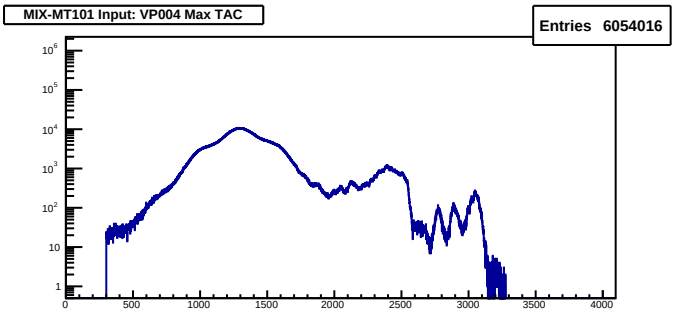

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.210803e+07
TAC sum
1st-Best
2nd-Best
ID

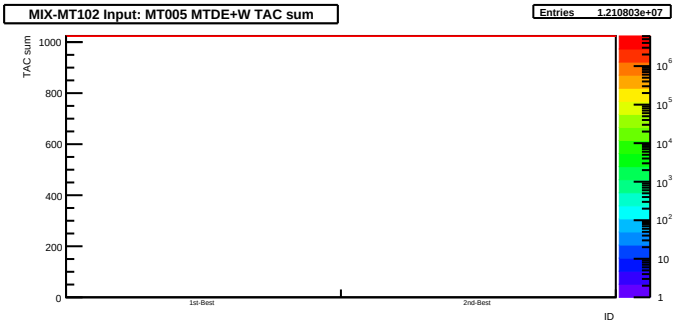

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.210803e+07
TAC sum
1st-Best
2nd-Best
ID

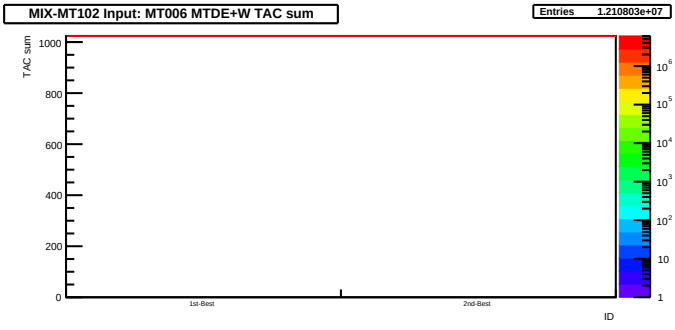

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.210803e+07
TAC sum
1st-Best
2nd-Best
ID

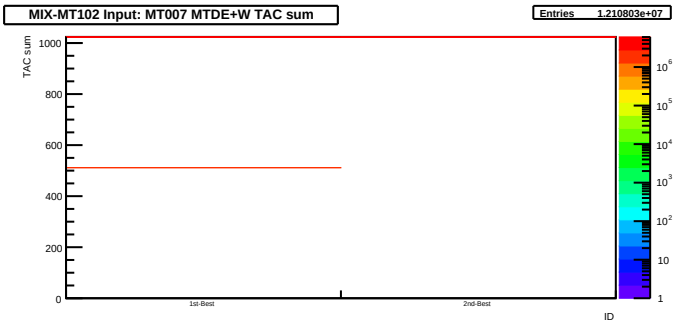

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.210803e+07
TAC sum
1st-Best
2nd-Best
ID

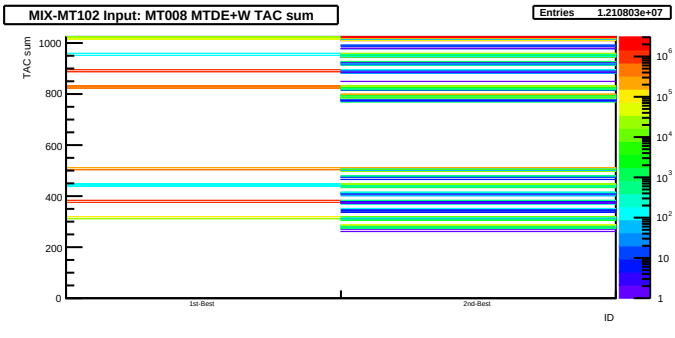

MIX-MT101 Input: VP003 Max TAC
Entries 6054016

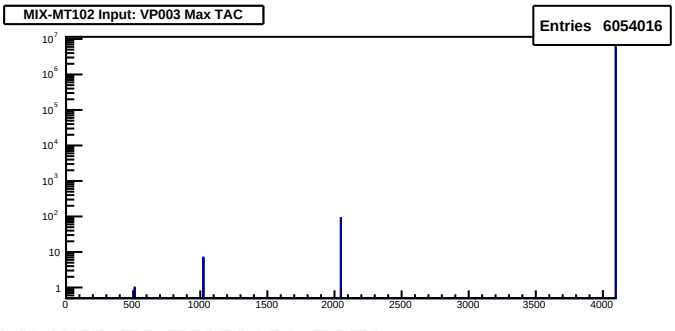

MIX-MT101 Input: VP004 Max TAC
Entries 6054016

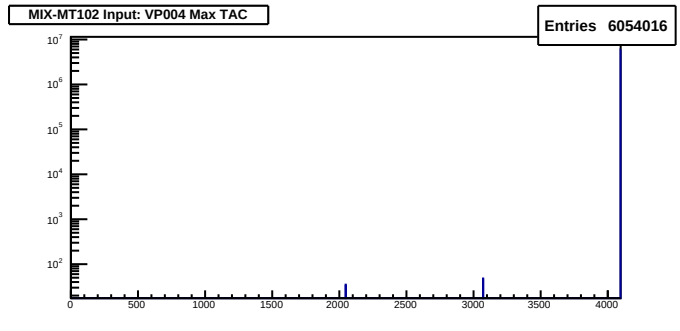

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1.210803e+07
TAC sum
1st-Best
2nd-Best
ID

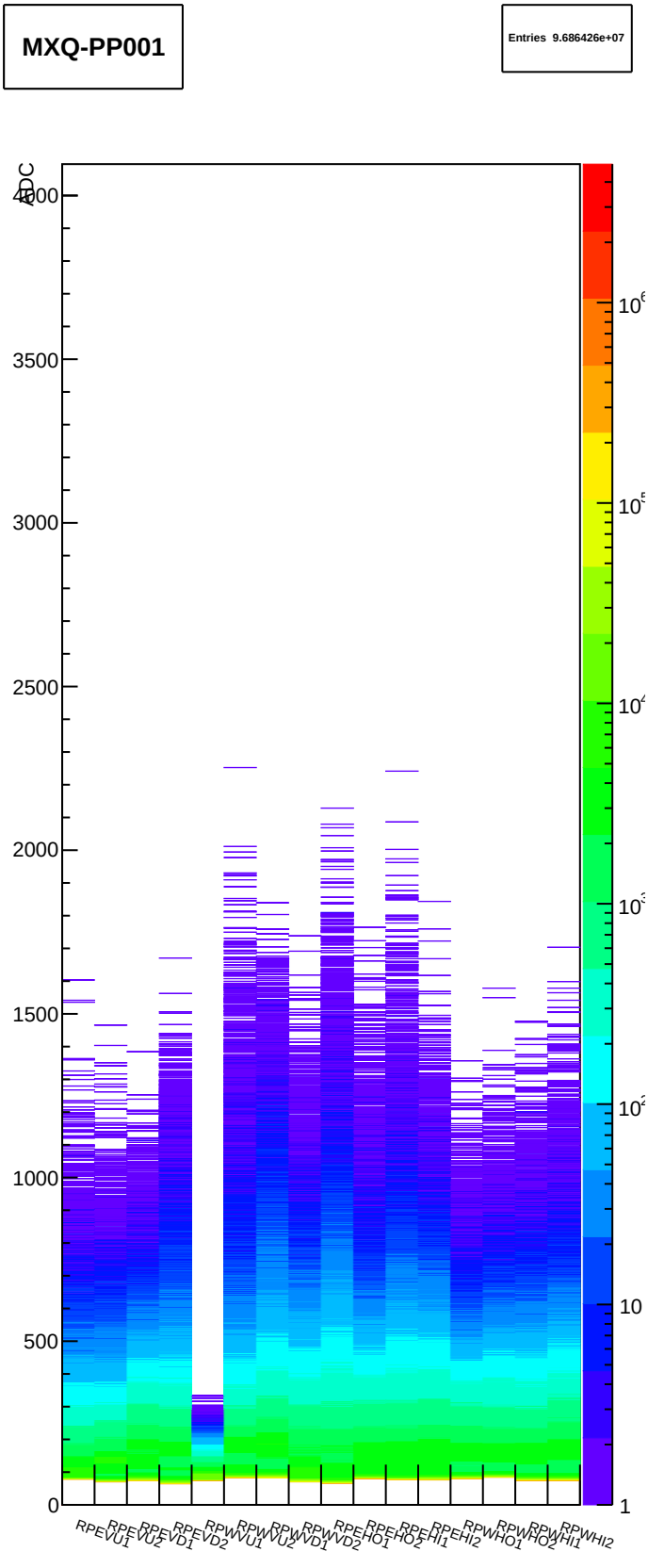

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1.210803e+07
TAC sum
1st-Best
2nd-Best
ID

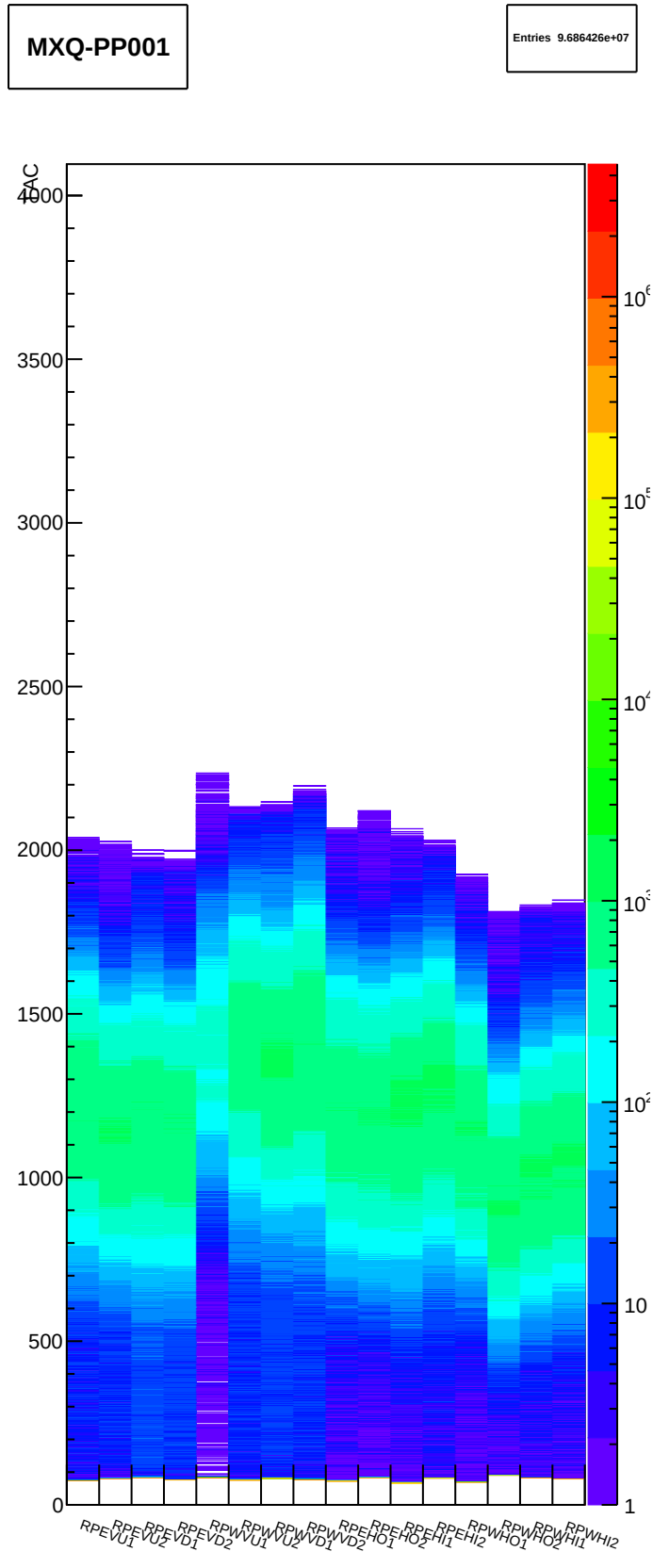

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1.210803e+07
TAC sum
1st-Best
2nd-Best
ID

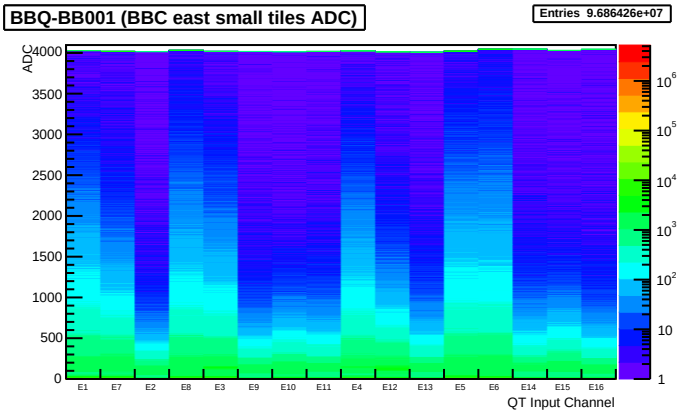

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1.210803e+07
TAC sum
1st-Best
2nd-Best
ID

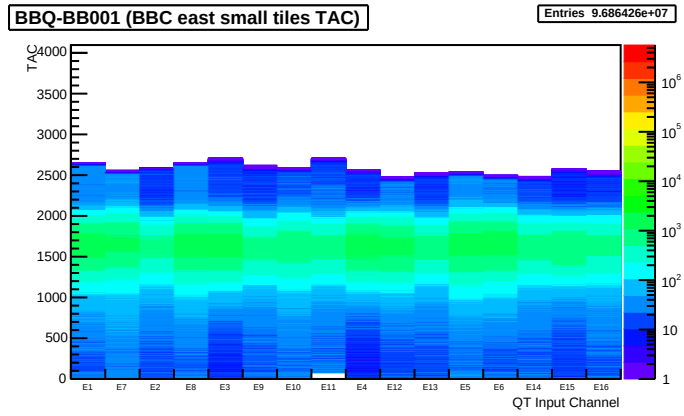

MIX-MT102 Input: VP003 Max TAC
Entries 6054016

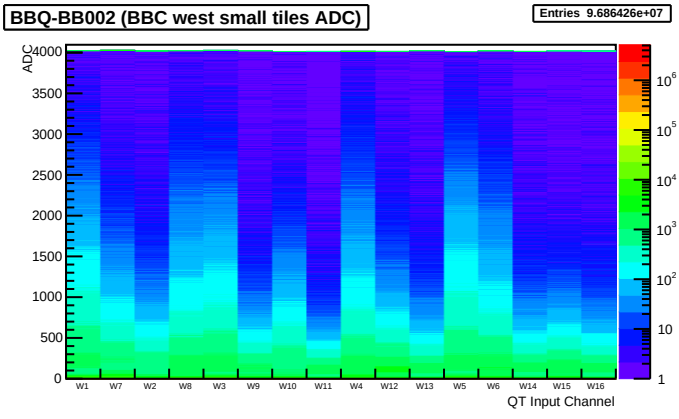

MIX-MT102 Input: VP004 Max TAC
Entries 6054016

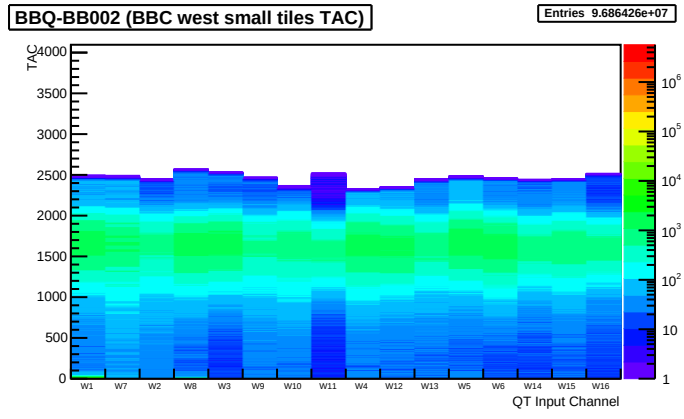

MXQ-PP001
Entries 9.686426e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

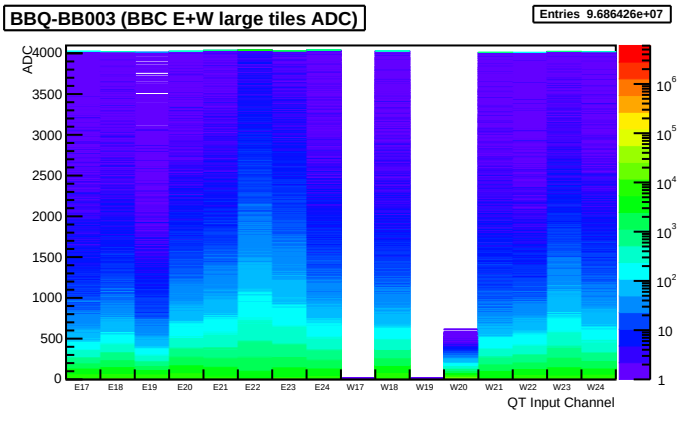

MXQ-PP001
Entries 9.686426e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

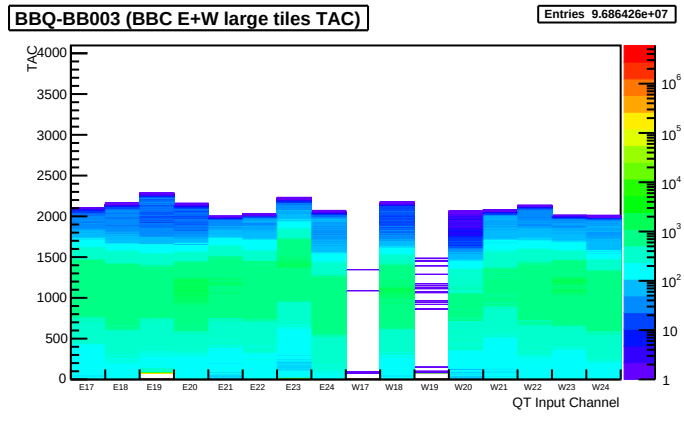

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.686426e+07
ADC
QT Input Channel

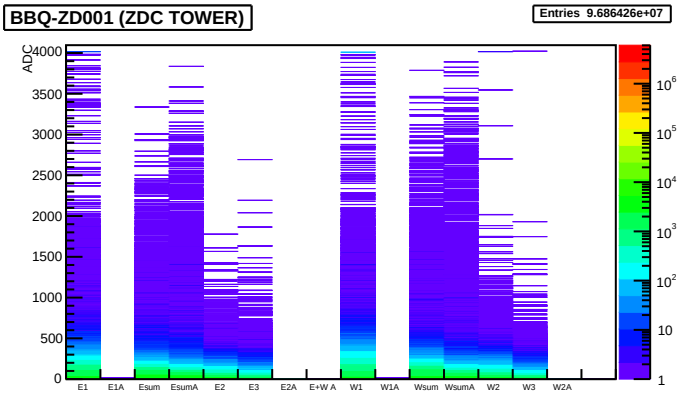

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.686426e+07
TAC
QT Input Channel

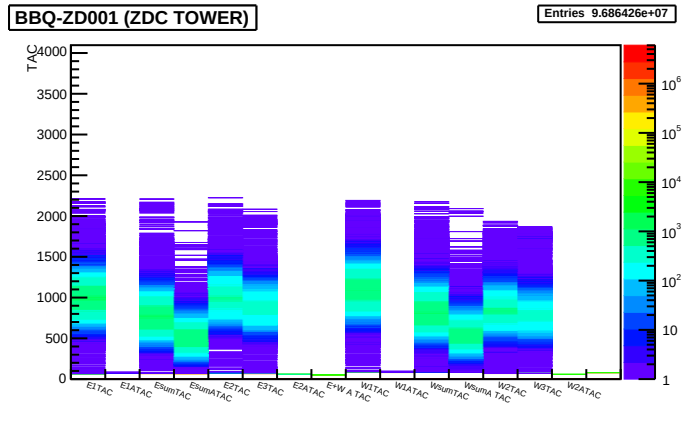

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.686426e+07
ADC
QT Input Channel

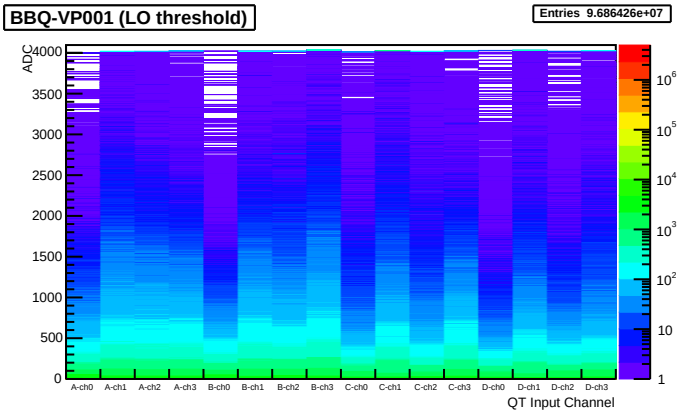

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.686426e+07
TAC
QT Input Channel

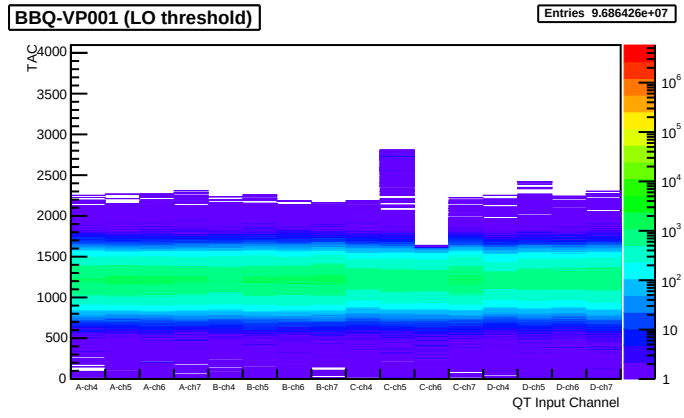

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.686426e+07
ADC
QT Input Channel

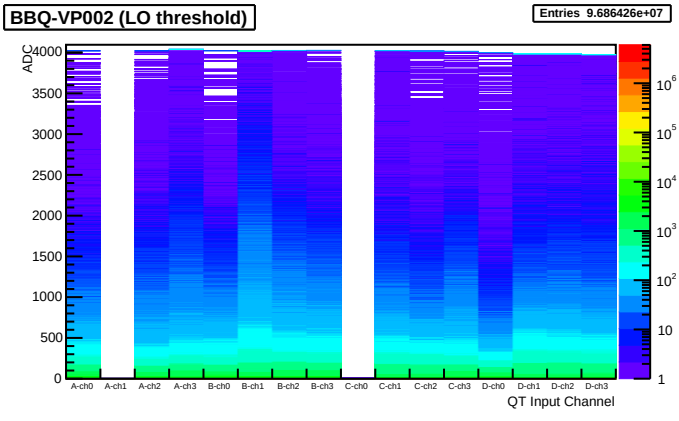

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.686426e+07
TAC
QT Input Channel

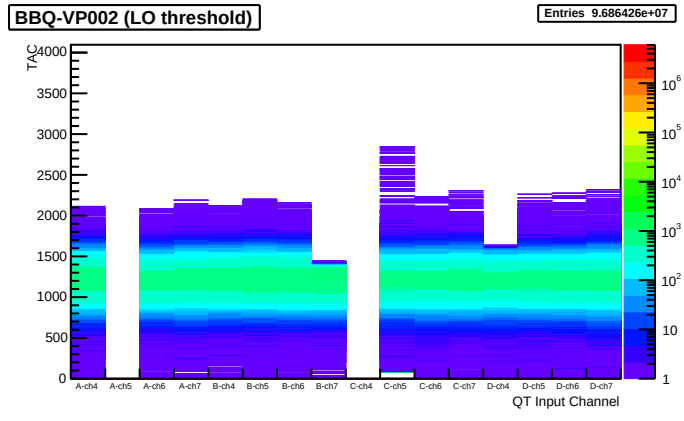

BBQ-ZD001 (ZDC TOWER)
Entries 9.686426e+07
ADC

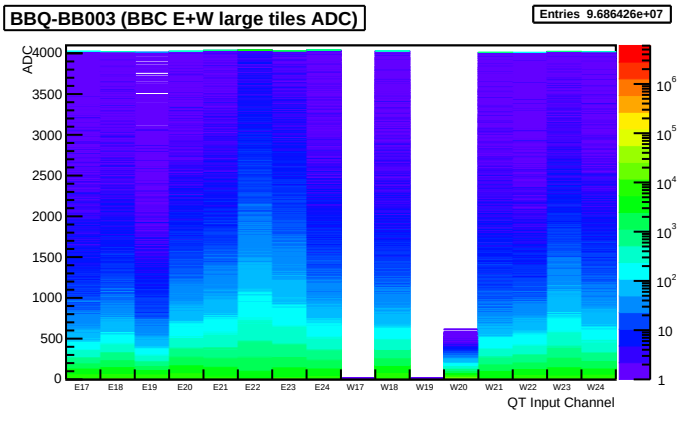

BBQ-ZD001 (ZDC TOWER)
Entries 9.686426e+07
TAC

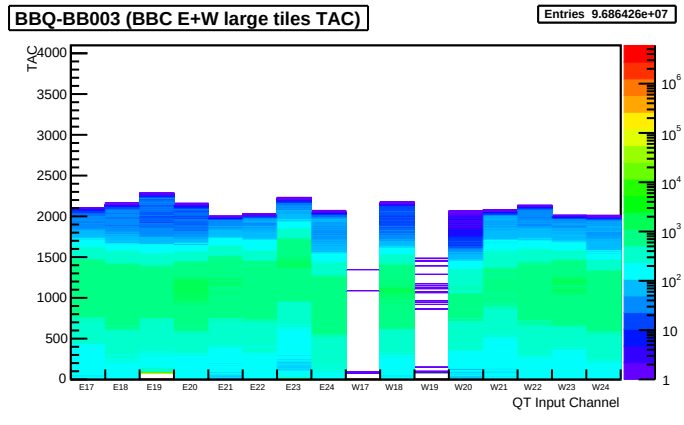

BBQ-VP001 (LO threshold)
Entries 9.686426e+07
ADC
QT Input Channel

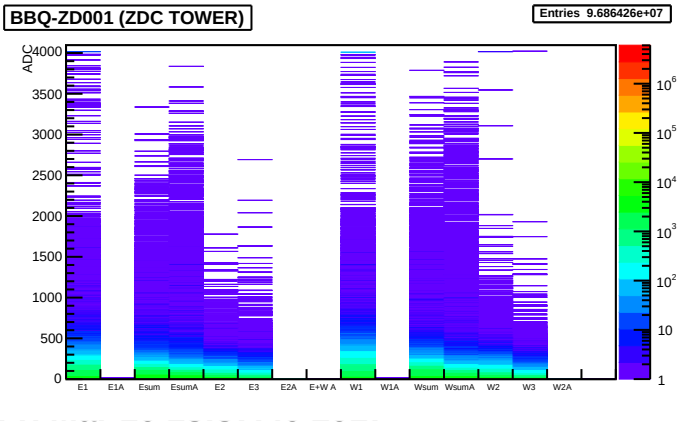

BBQ-VP001 (LO threshold)
Entries 9.686426e+07
TAC
QT Input Channel

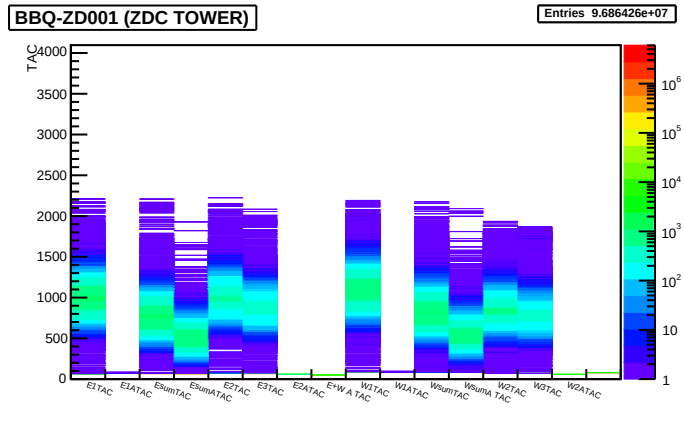

BBQ-VP002 (LO threshold)
Entries 9.686426e+07
ADC
QT Input Channel

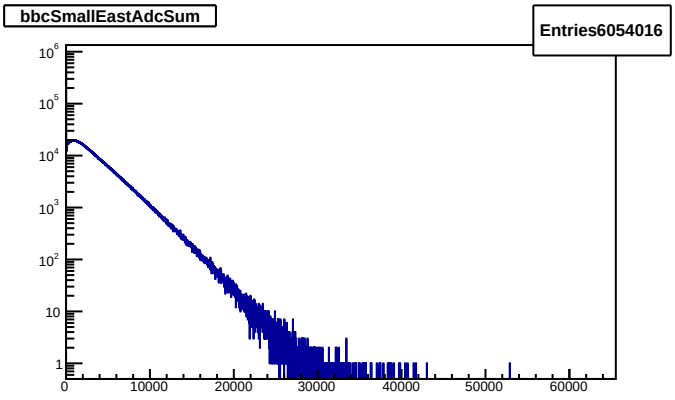

BBQ-VP002 (LO threshold)
Entries 9.686426e+07
TAC
QT Input Channel

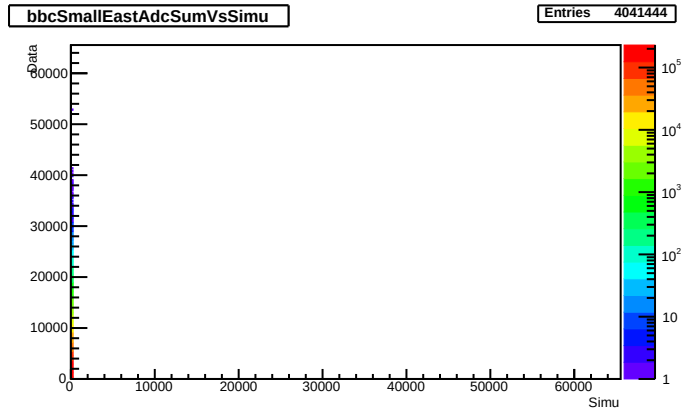

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.686426e+07
ADC
QT Input Channel

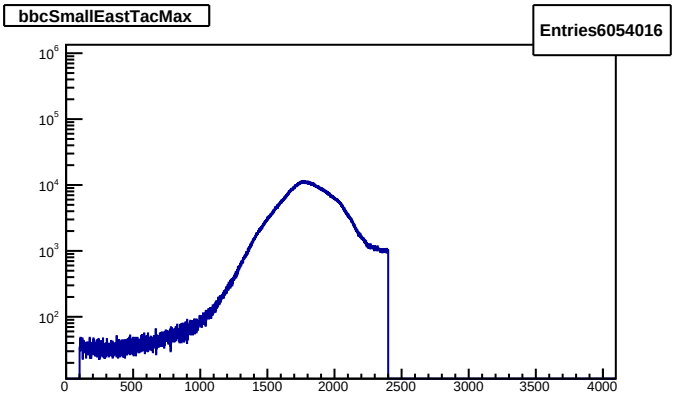

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.686426e+07
TAC
QT Input Channel

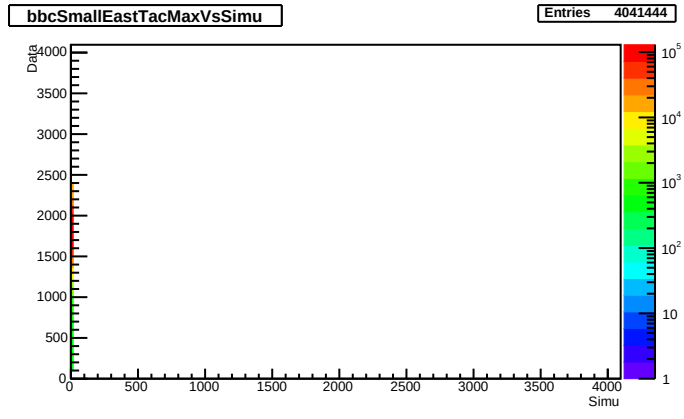

BBQ-ZD001 (ZDC TOWER)
Entries 9.686426e+07
ADC

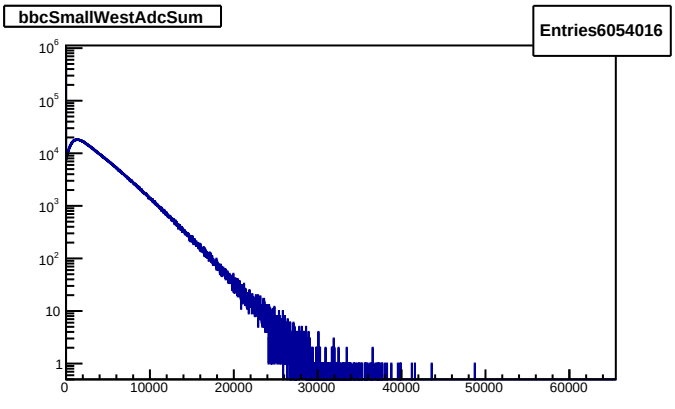

BBQ-ZD001 (ZDC TOWER)
Entries 9.686426e+07
TAC

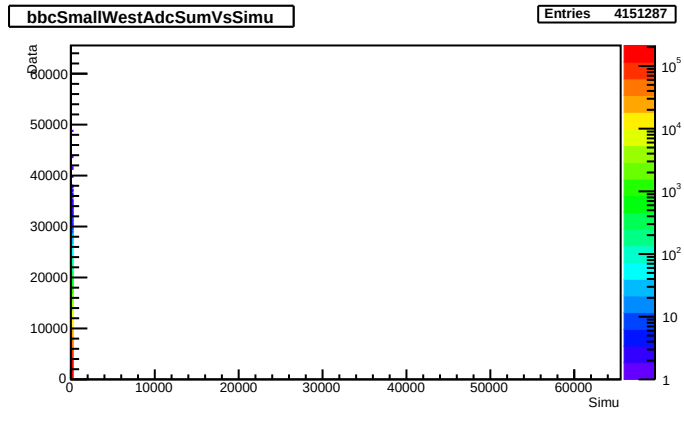

bbcSmallEastAdcSum
Entries6054016

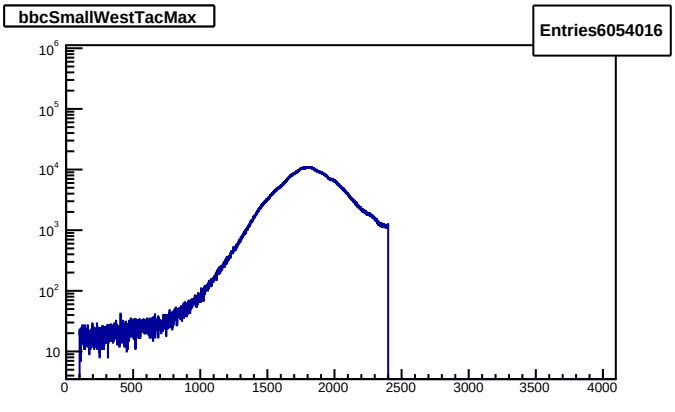

bbcSmallEastAdcSumVsSimu
Entries 4041444
Data
Simu

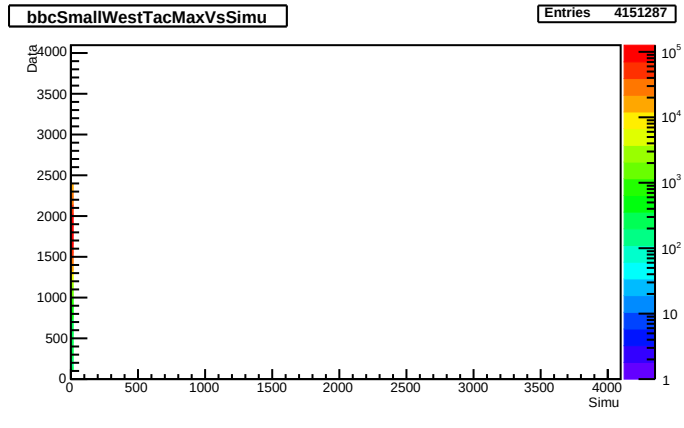

bbcSmallEastTacMax
Entries6054016

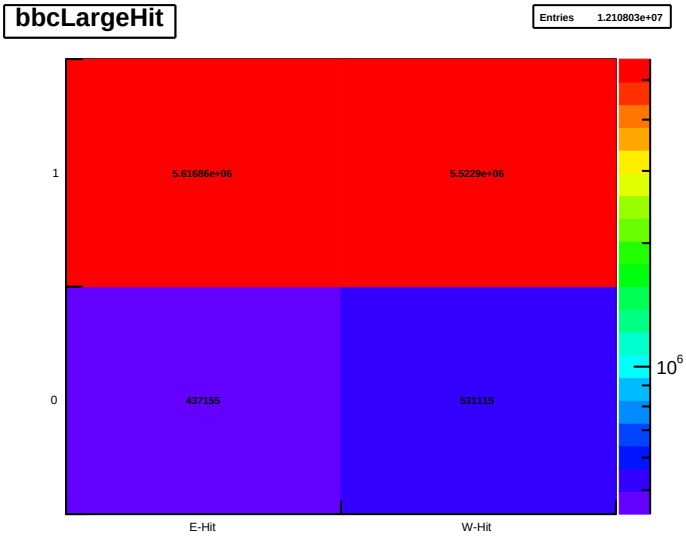

bbcSmallEastTacMaxVsSimu
Entries 4041444
Data
Simu

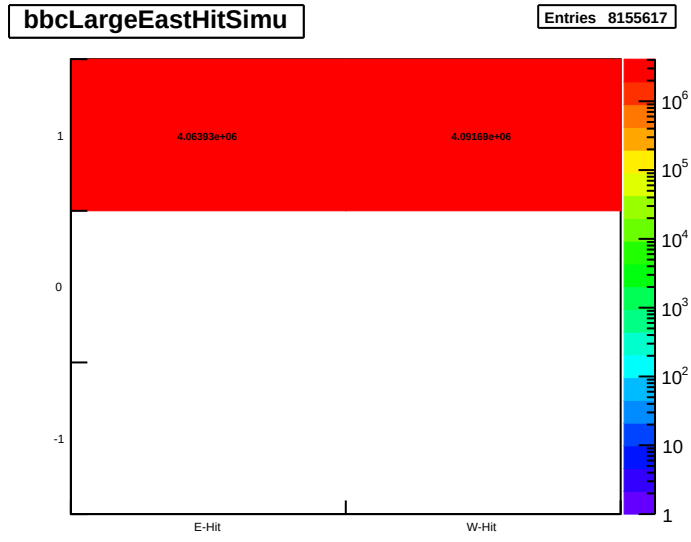

bbcSmallWestAdcSum
Entries6054016

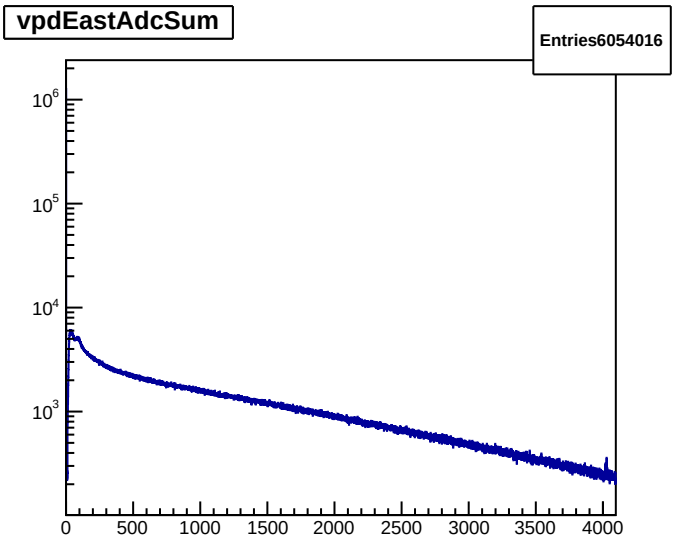

bbcSmallWestAdcSumVsSimu
Entries 4151287
Data
Simu

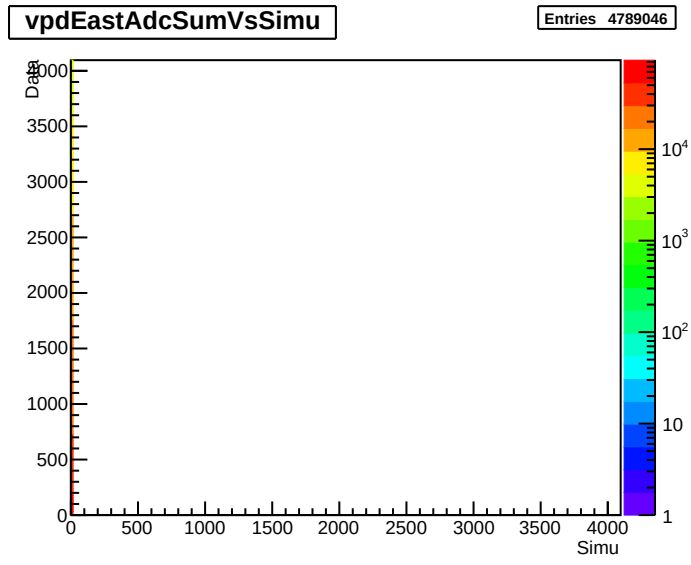

bbcSmallWestTacMax
Entries6054016

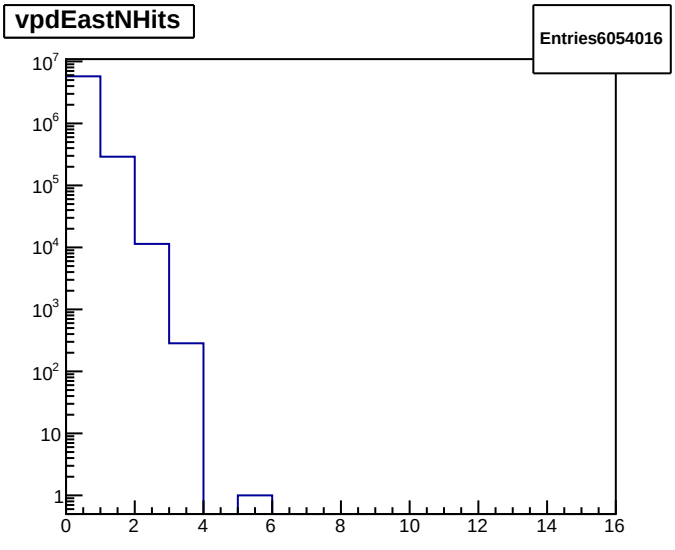

bbcSmallWestTacMaxVsSimu
Entries 4151287
Data
Simu

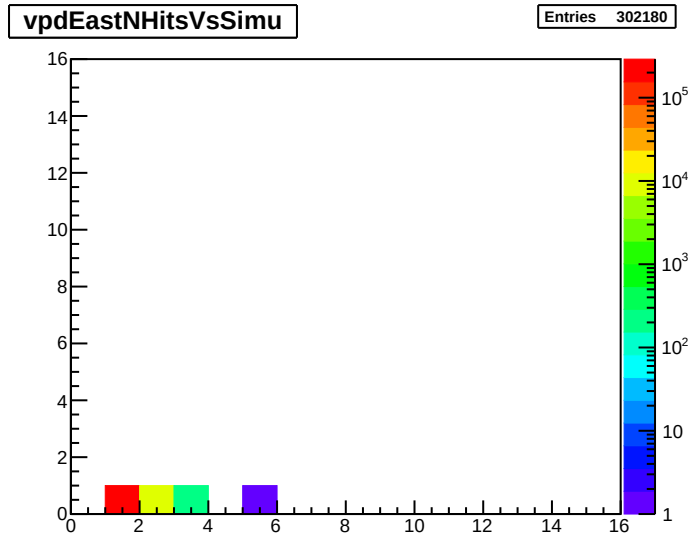

bbcLargeHit
Entries 1.210803e+07
1
0
5.61686e+06
5.5229e+06
437155
531115
E-Hit
W-Hit
10^6

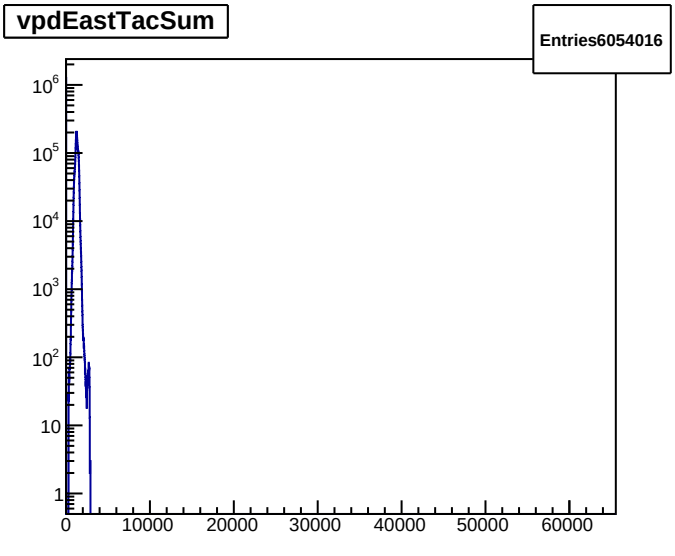

bbcLargeEastHitSimu
Entries 8155617
1
0
-1
4.06393e+06
4.09169e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

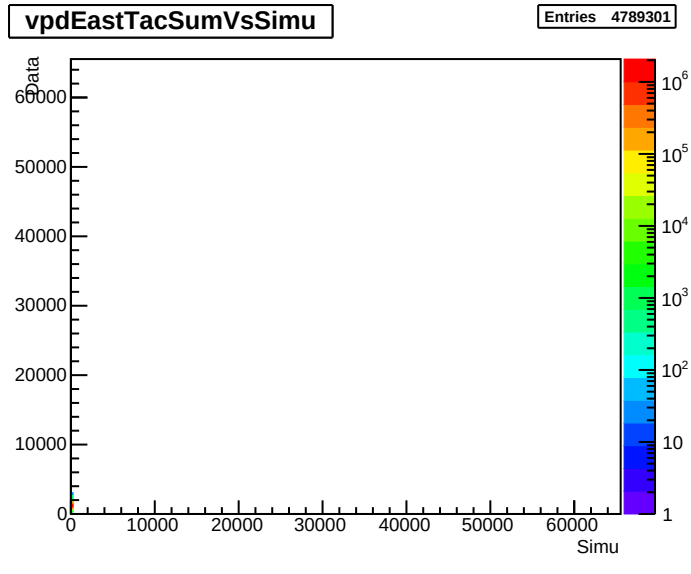

vpdEastAdcSum
Entries6054016

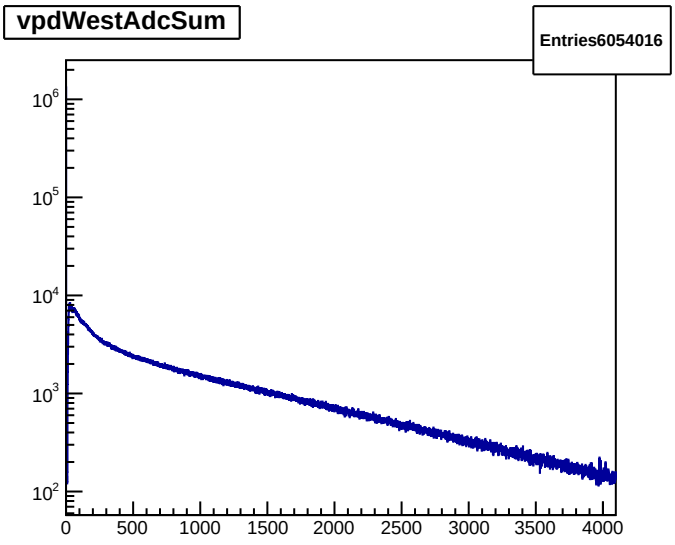

vpdEastAdcSumVsSimu
Entries 4789046
Data
Simu

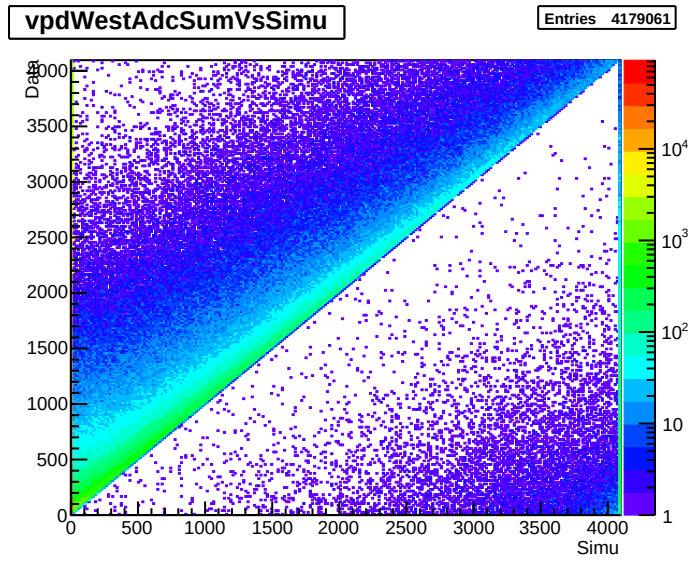

vpdEastNHits
Entries6054016

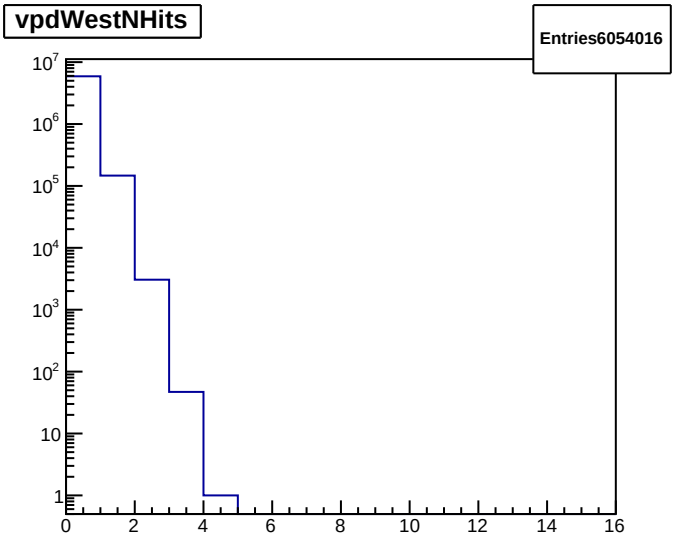

vpdEastNHitsVsSimu
Entries 302180

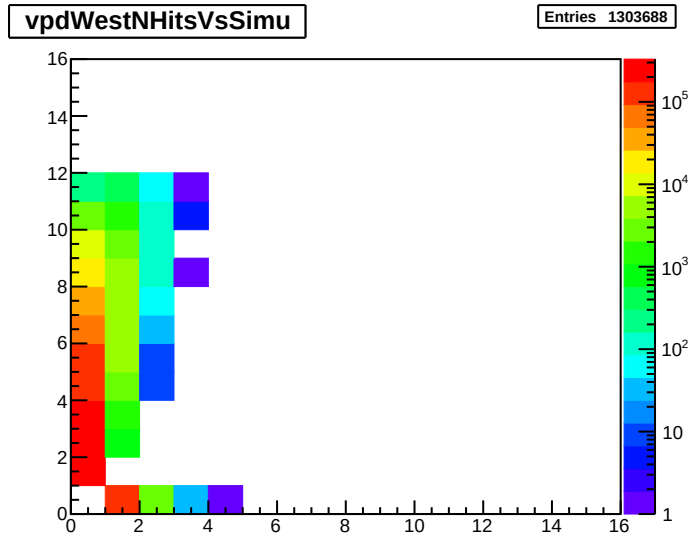

vpdEastTacSum
Entries6054016

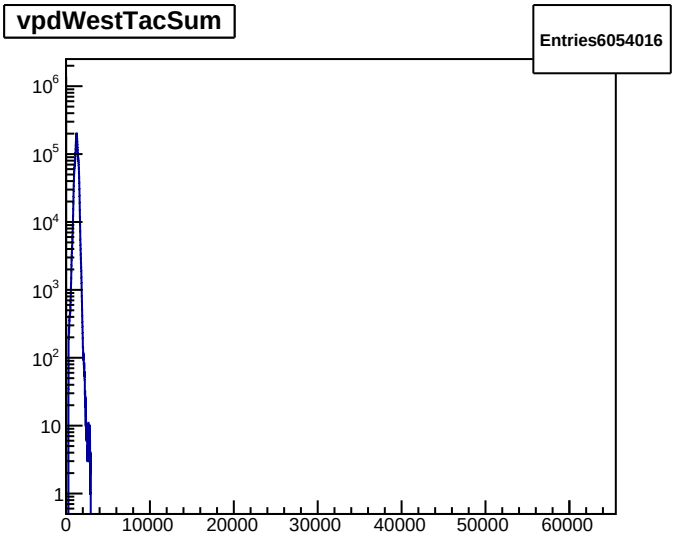

vpdEastTacSumVsSimu
Entries 4789301
Data
Simu

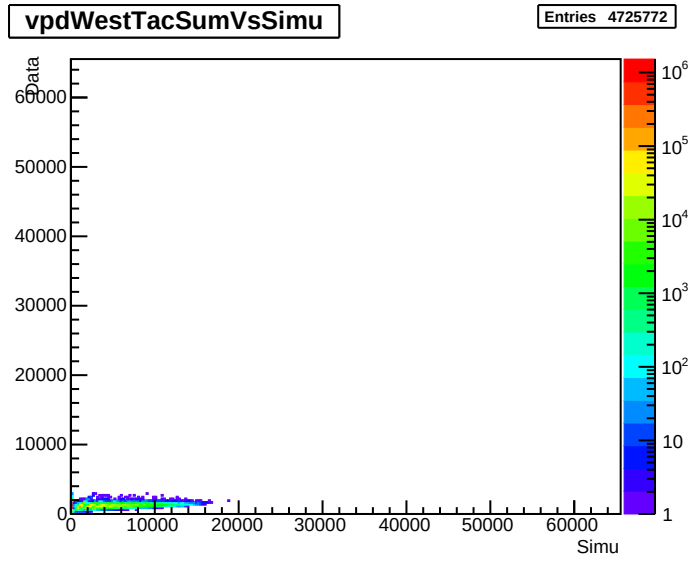

vpdWestAdcSum
Entries6054016

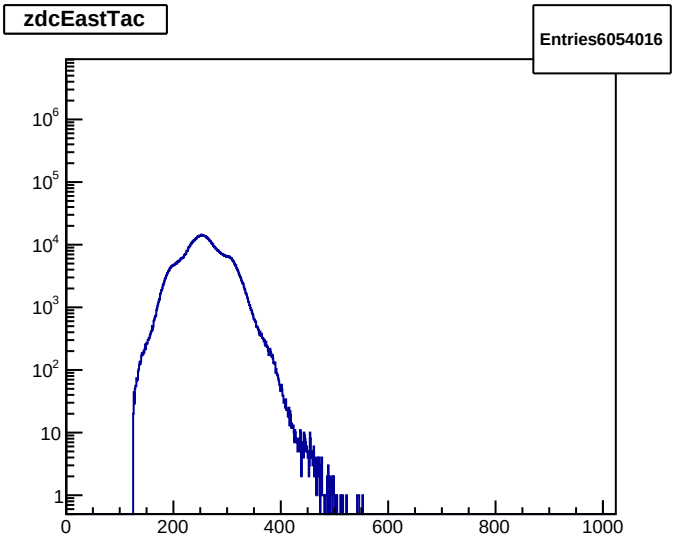

vpdWestAdcSumVsSimu
Entries 4179061
Data
Simu

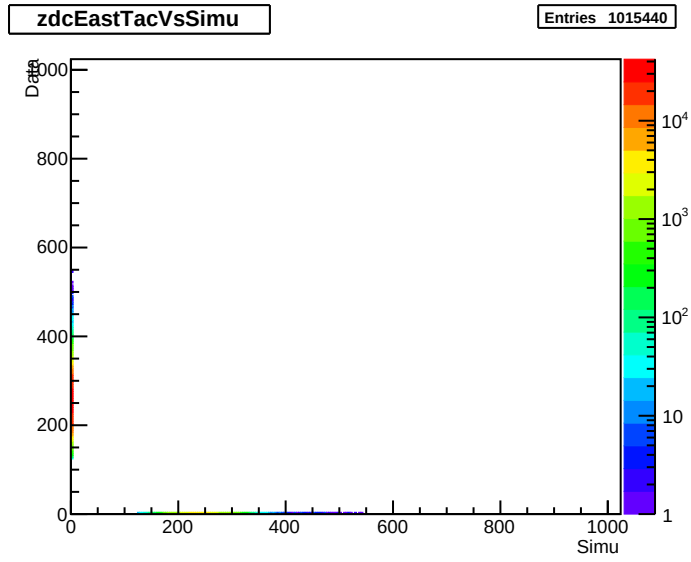

vpdWestNHits
Entries6054016

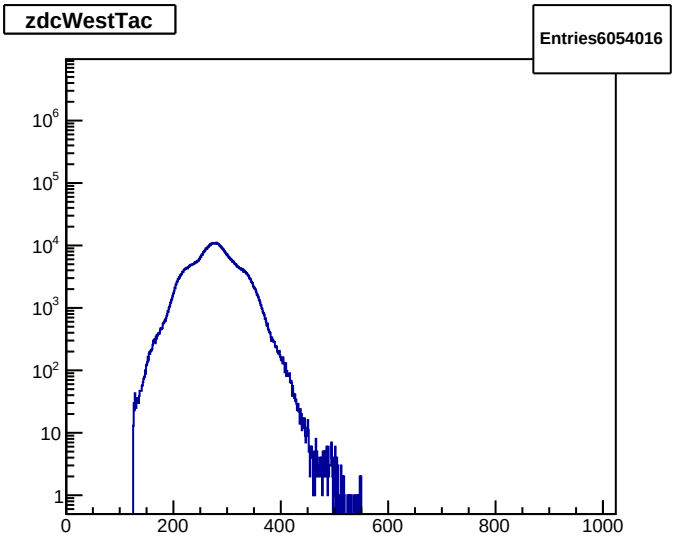

vpdWestNHitsVsSimu
Entries 1303688

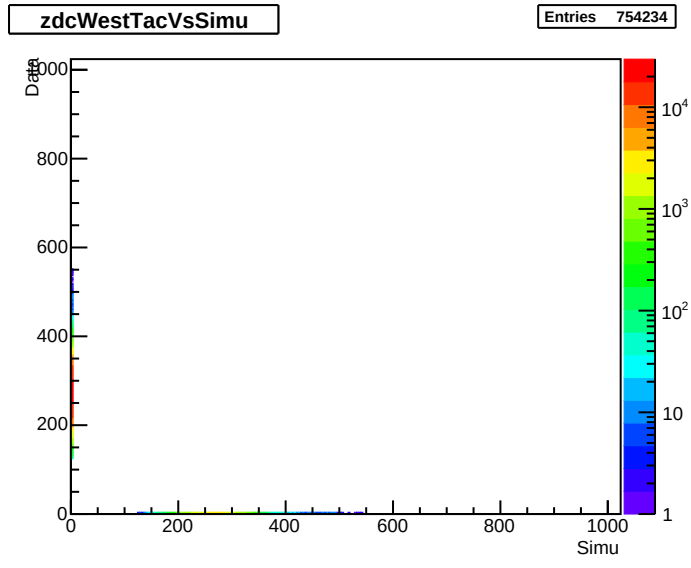

vpdWestTacSum
Entries6054016

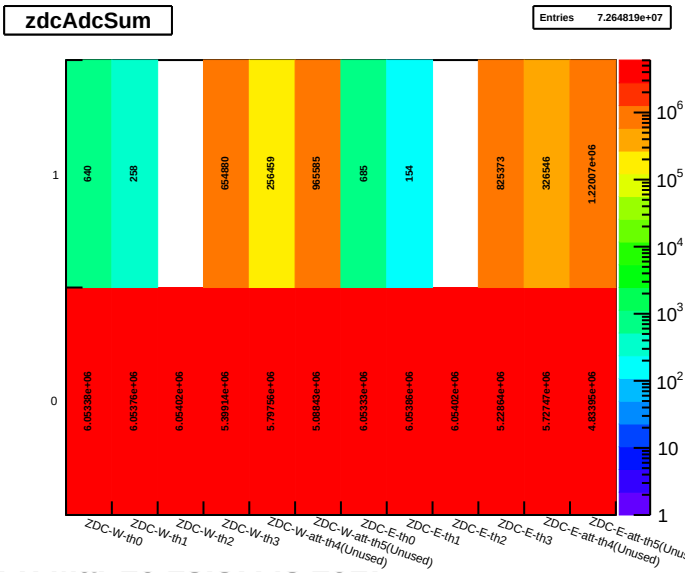

vpdWestTacSumVsSimu
Entries 4725772
Data
Simu

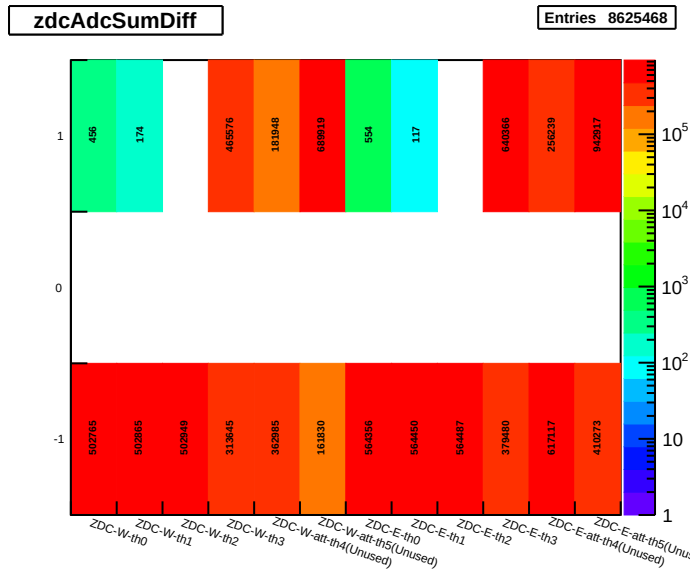

zdcEastTac
Entries6054016

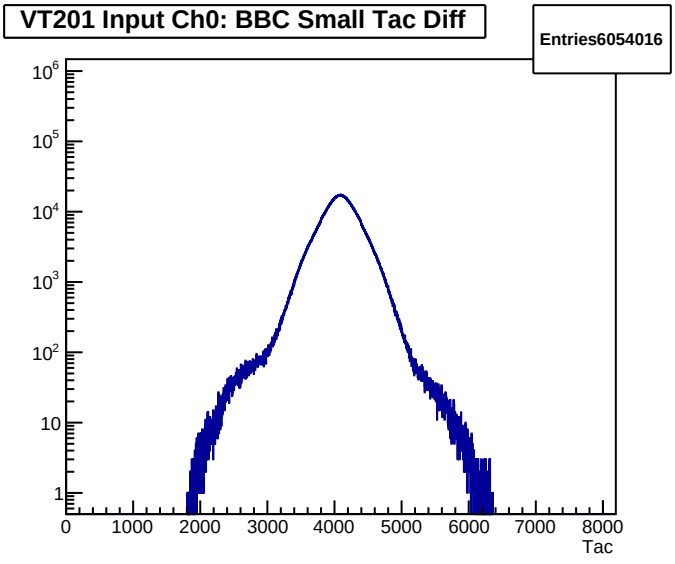

zdcEastTacVsSimu
Entries 1015440
Data
Simu

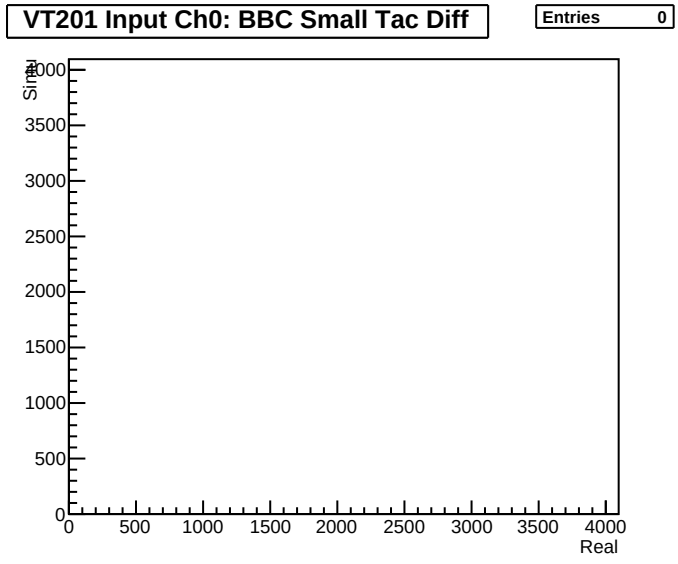

zdcWestTac
Entries6054016

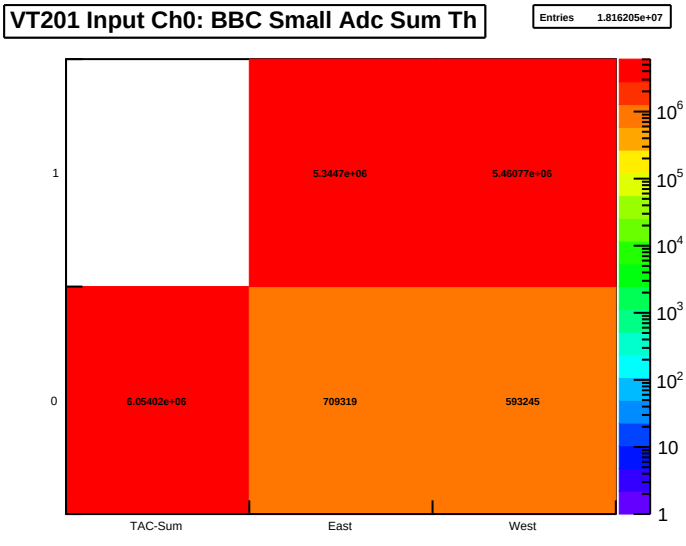

zdcWestTacVsSimu
Entries 754234
Data
Simu

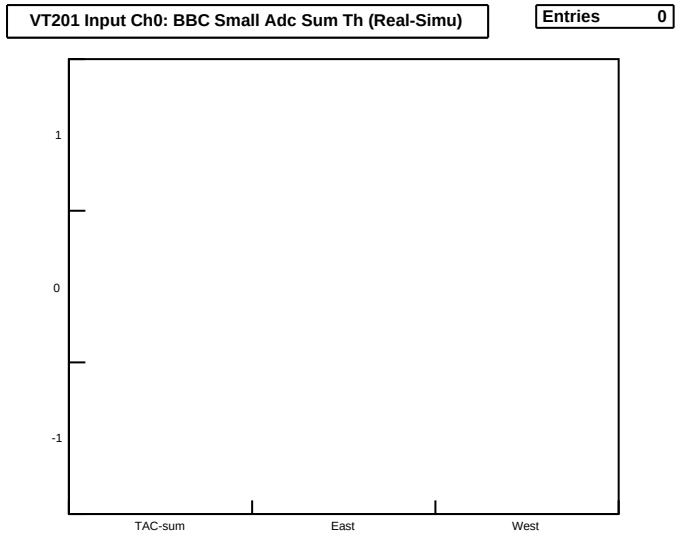

zdcAdcSum
Entries 7.264819e+07
640
258
654880
256459
965585
685
154
825373
326546
1.22007e+06
6.05338e+06
6.05376e+05
6.05402e+06
5.39914e+06
5.79756e+06
5.08843e+06
6.05333e+06
6.05386e+06
6.05402e+05
5.22864e+06
5.72747e+06
4.83395e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

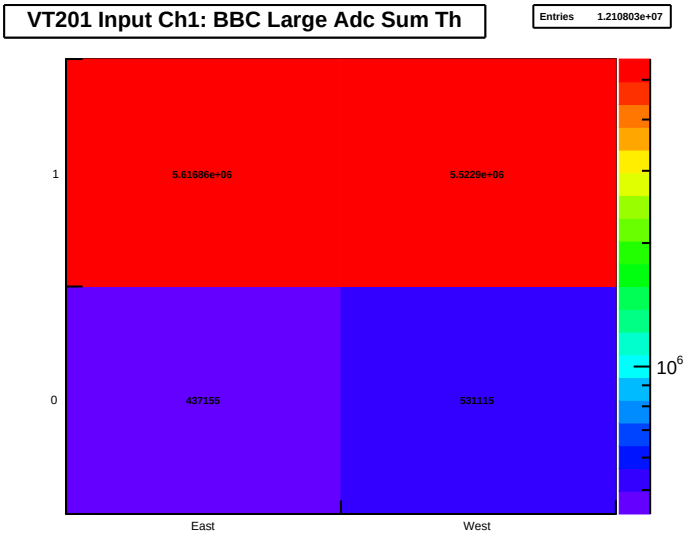

zdcAdcSumDiff
Entries 8625468
456
174
465576
181948
689919
554
117
640366
256239
942917
502765
502865
502949
313645
362885
161830
564356
564450
564487
379480
617117
410273
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

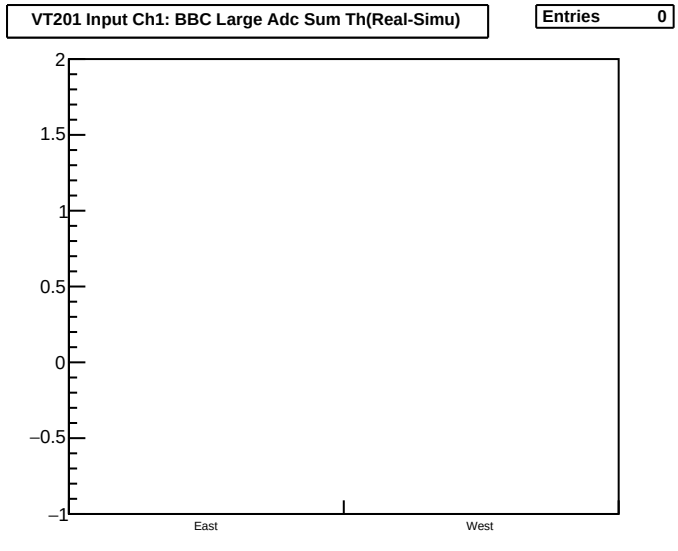

VT201 Input Ch0: BBC Small Tac Diff
Entries6054016
Tac


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

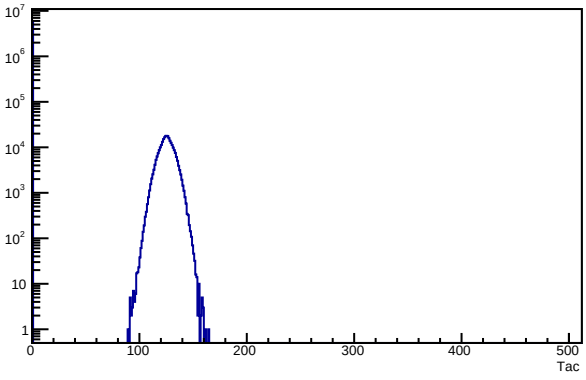

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.816205e+07
5.3447e+06
5.46077e+06
6.05402e+06
709319
593245
TAC-Sum
East
West


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

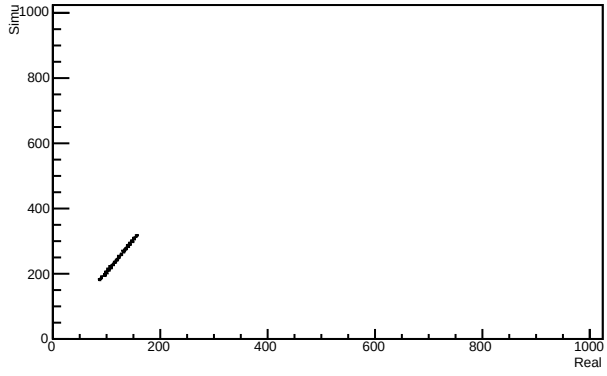

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.210803e+07
5.61686e+06
5.5229e+06
437155
531115
East
West


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

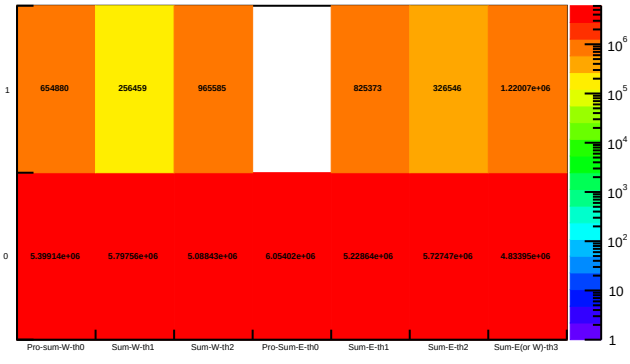
VT201 Input Ch2: ZDC Tac Diff



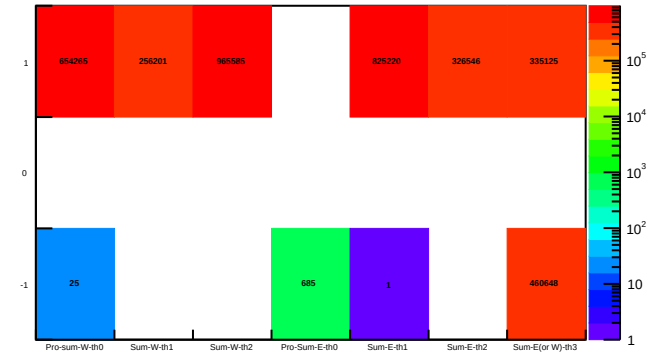
VT201 Input Ch2: ZDC Tac Diff



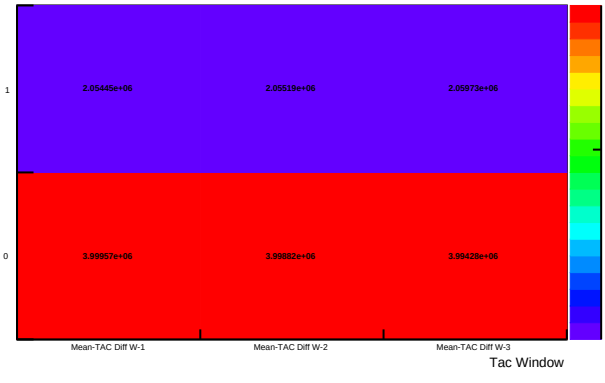
VT201 Input Ch2: ZDC Adc Sum Th



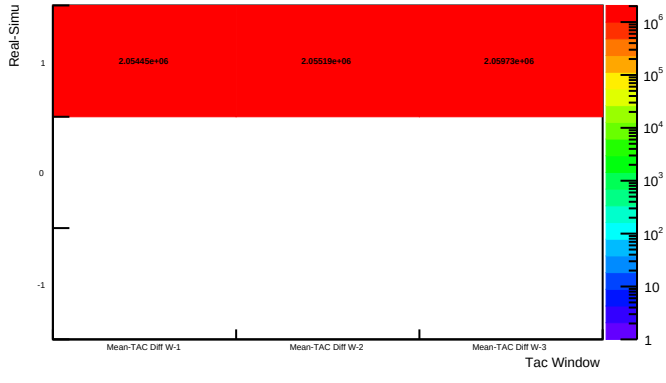
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



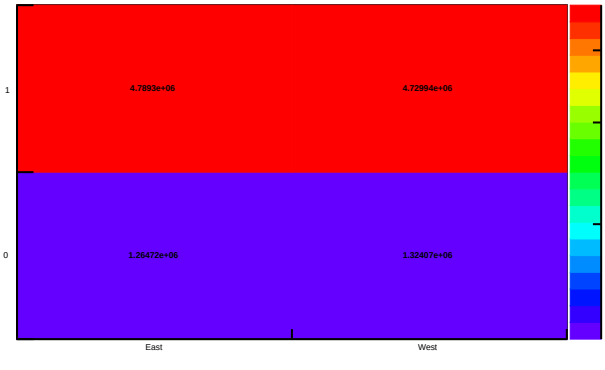
VT201 Input Ch4: VPD Tac Diff



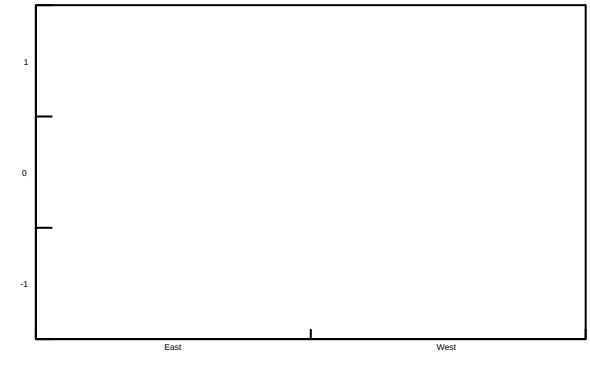
VT201 Input Ch4: VPD Tac Diff

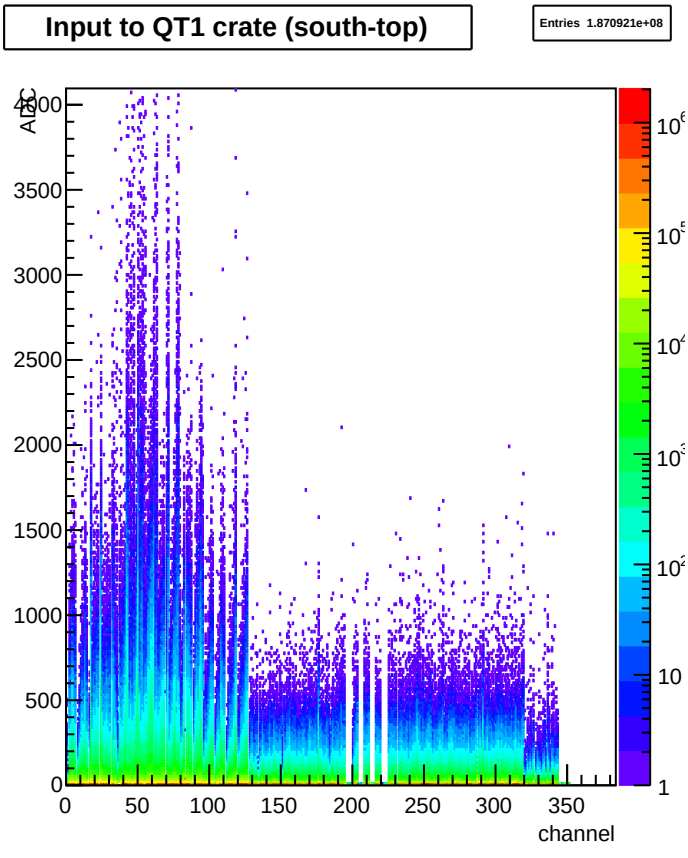


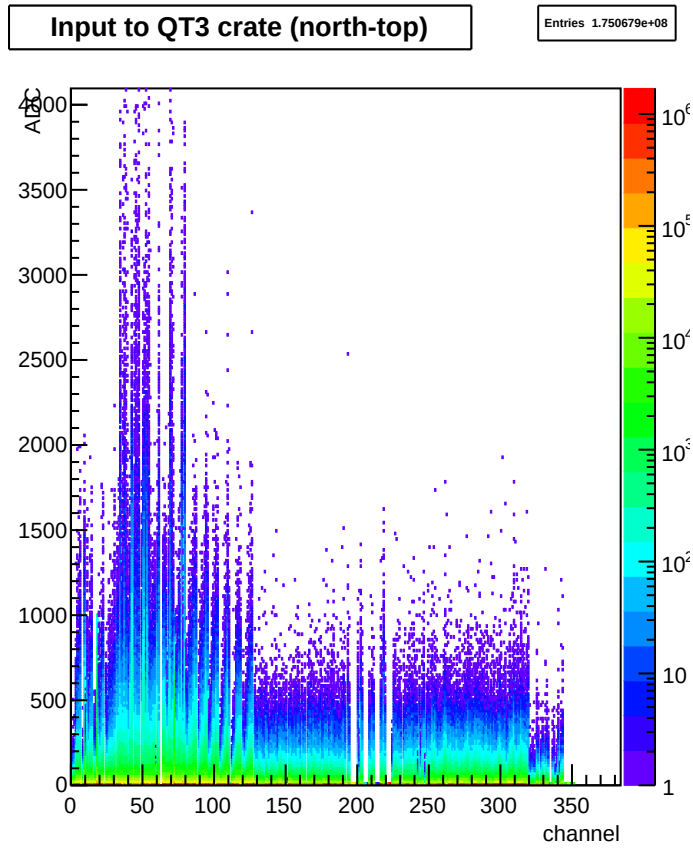
VT201 Input Ch4: VPD Adc Sum Th

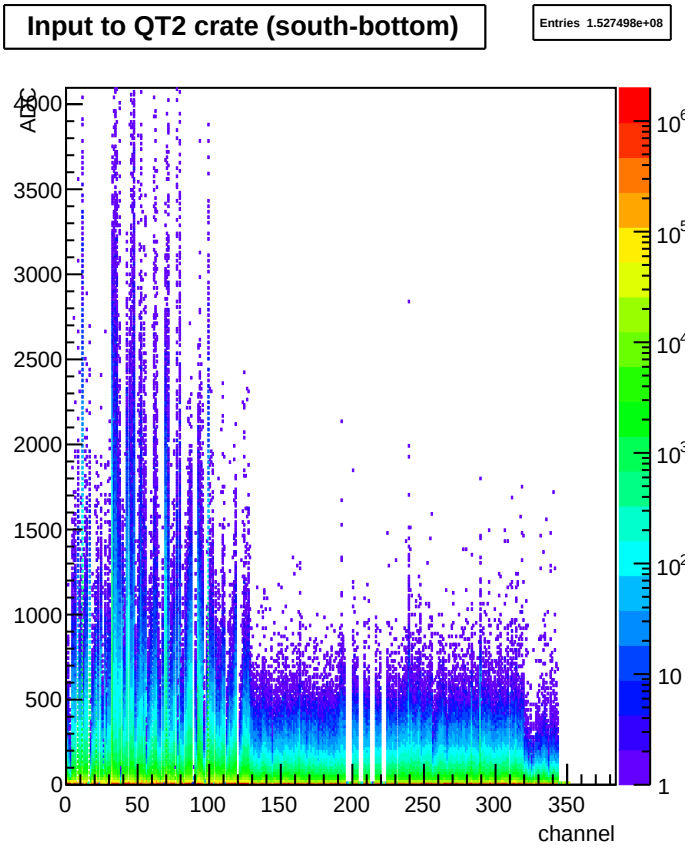


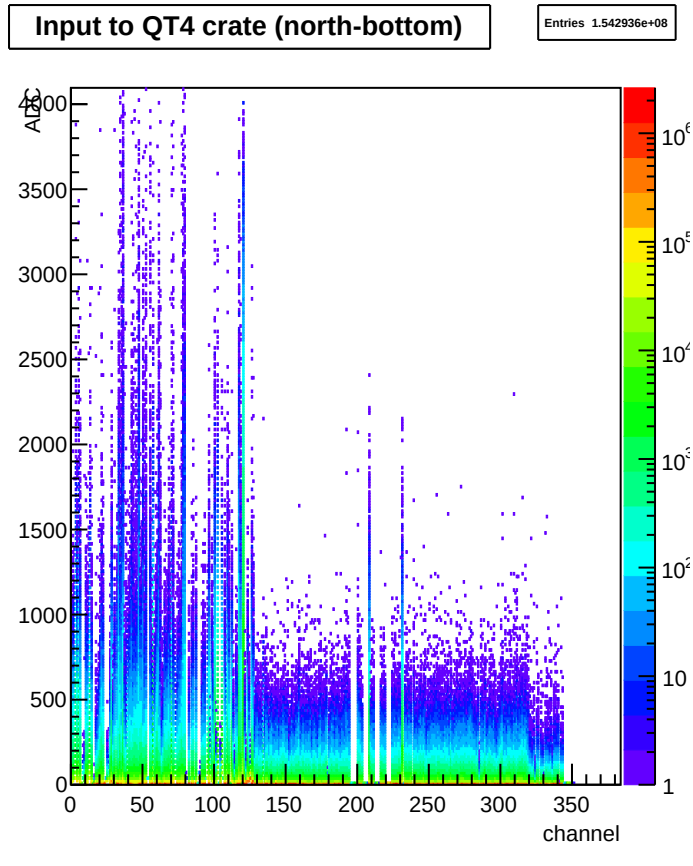
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

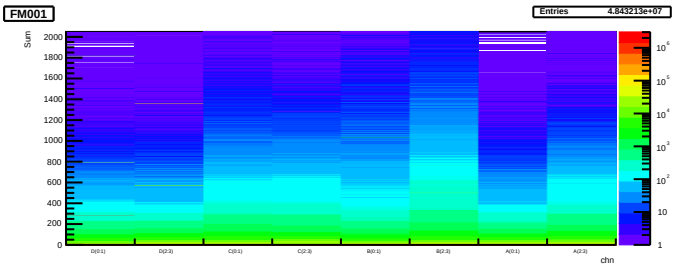


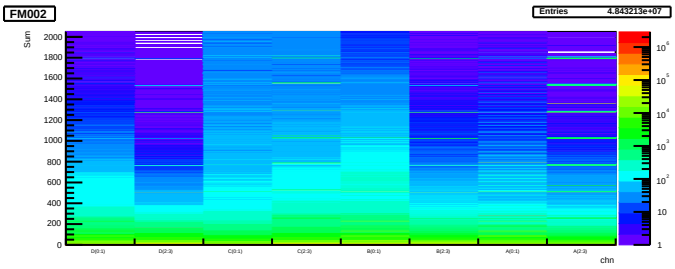

Input to QT1 crate (south-top)
Entries 1.870921e+08
ADC
channel

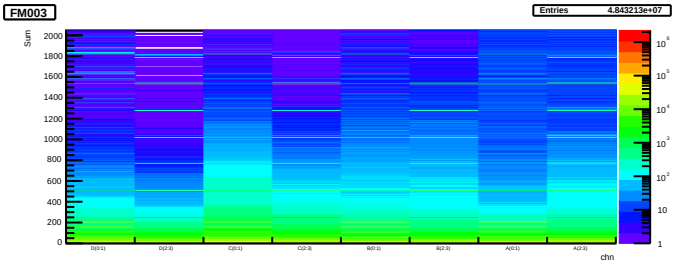

Input to QT3 crate (north-top)
Entries 1.750679e+08
ADC
channel

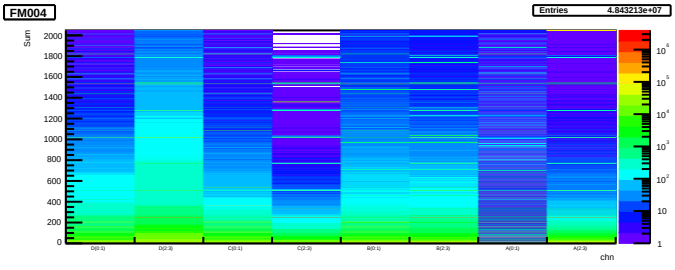

Input to QT2 crate (south-bottom)
Entries 1.527498e+08
ADC
channel

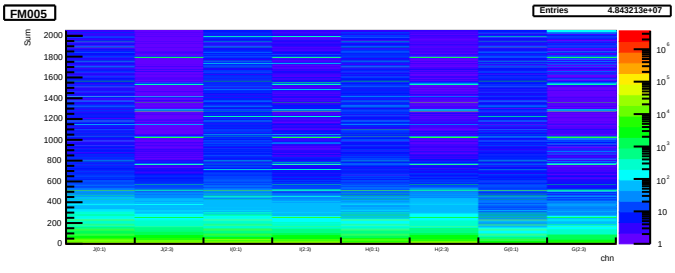

Input to QT4 crate (north-bottom)
Entries 1.542936e+08
ADC
channel

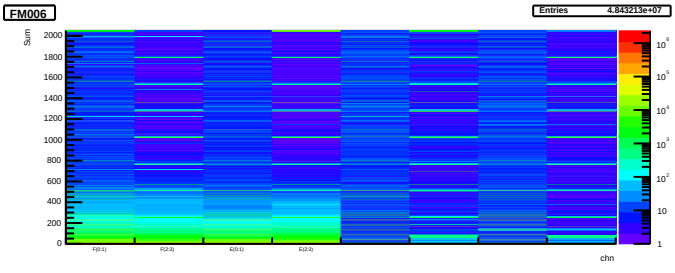

FM001
Entries 4.843213e+07
Sum
chn

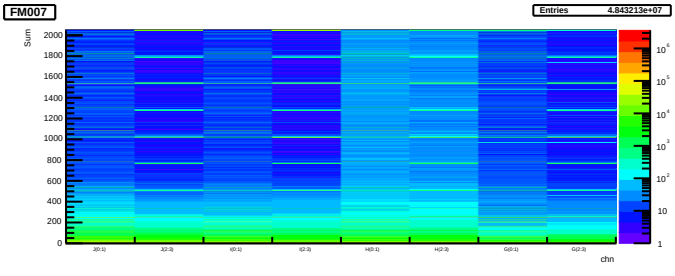

FM002
Entries 4.843213e+07
Sum
chn

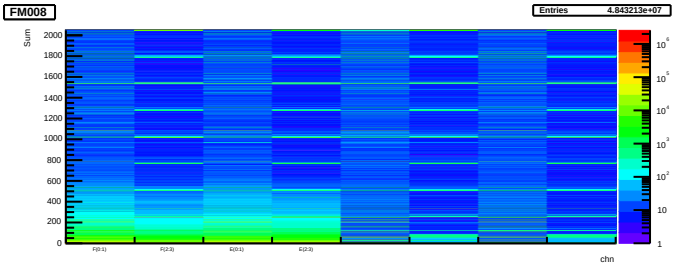

FM003
Entries 4.843213e+07
Sum
chn

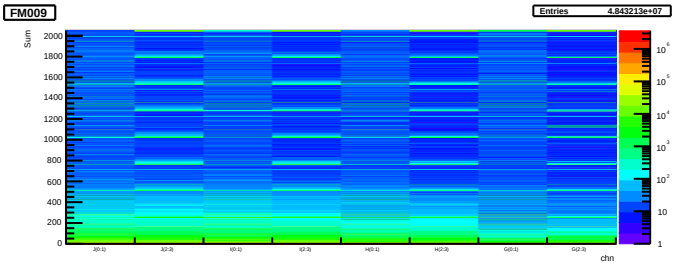

FM004
Entries 4.843213e+07
Sum
chn

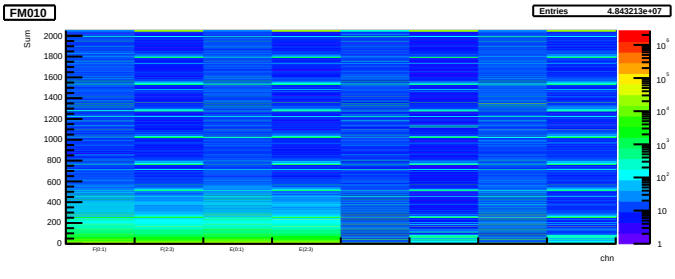

FM005
Entries 4.843213e+07
Sum
chn

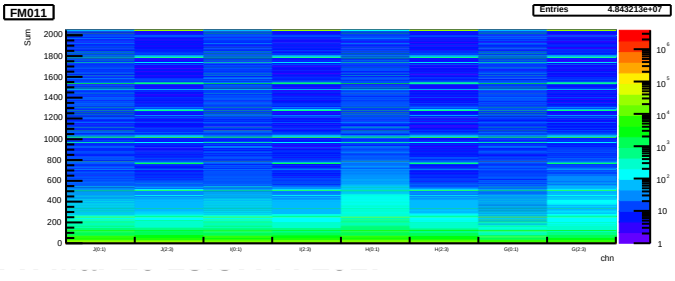

FM006
Entries 4.843213e+07
Sum
chn

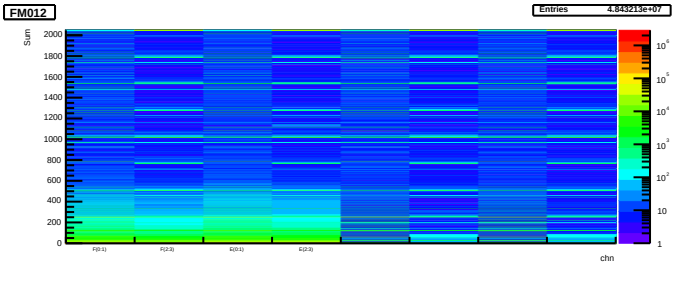

FM007
Entries 4.843213e+07
Sum
chn

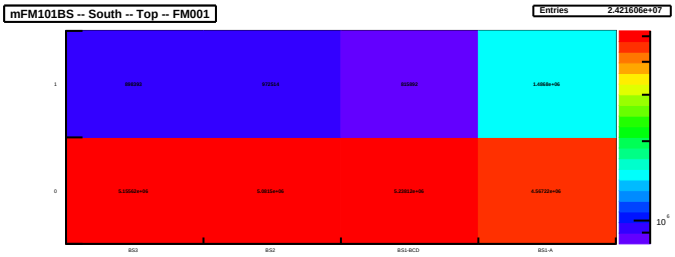

FM008
Entries 4.843213e+07
Sum
chn

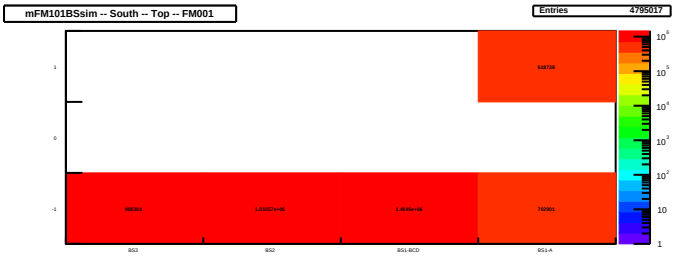

FM009
Entries 4.843213e+07
Sum
chn

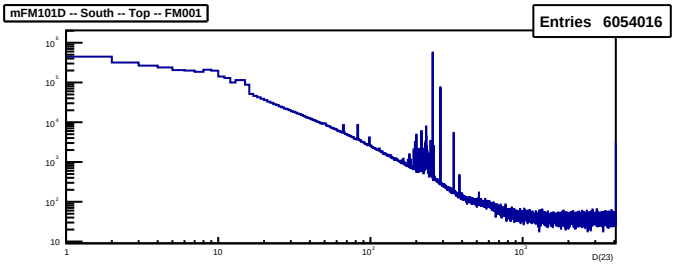

FM010
Entries 4.843213e+07
Sum
chn

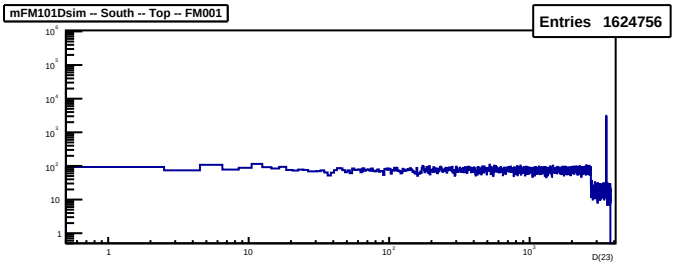

FM011
Entries 4.843213e+07
Sum
chn

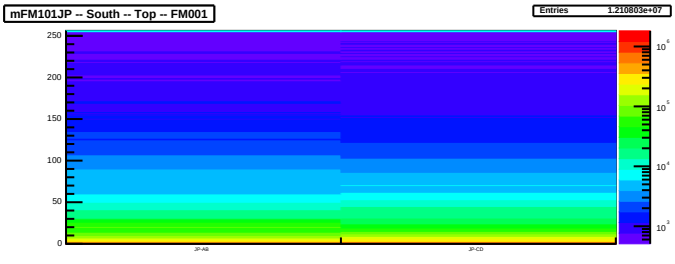

FM012
Entries 4.843213e+07
Sum
chn

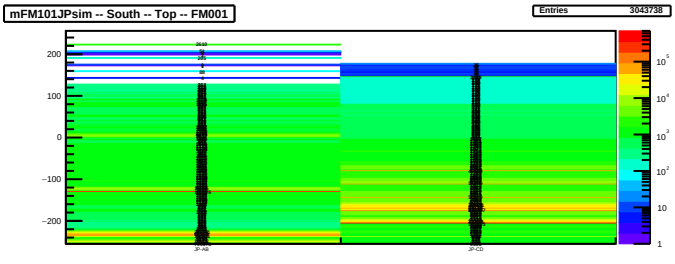

mFM101BS -- South -- Top -- FM001
Entries 2.421606e+07
BS3
BS2
BS1-BCD
BS1-A

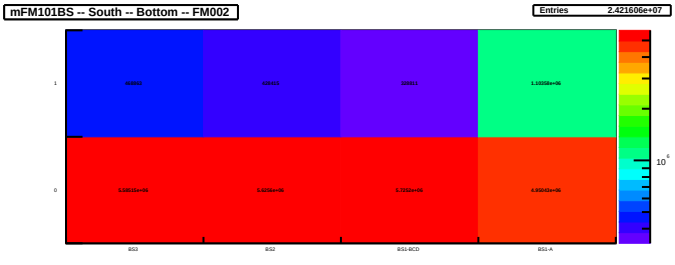

mFM101BSsim -- South -- Top -- FM001
Entries 4795017
BS3
BS2
BS1-BCD
BS1-A

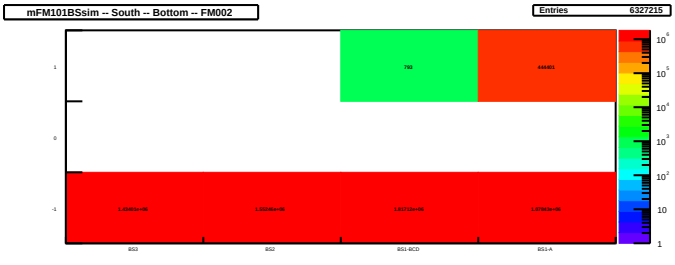

mFM101D -- South -- Top -- FM001
Entries 6054016
D(23)

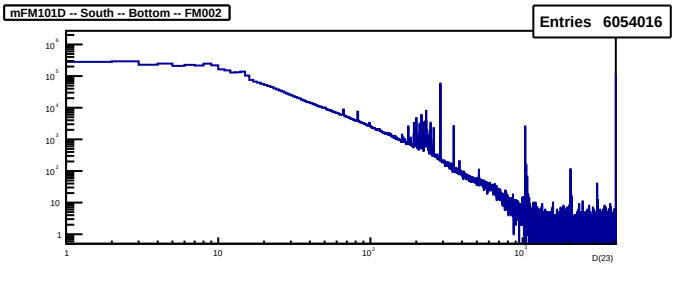

mFM101Dsim -- South -- Top -- FM001
Entries 1624756
D(23)

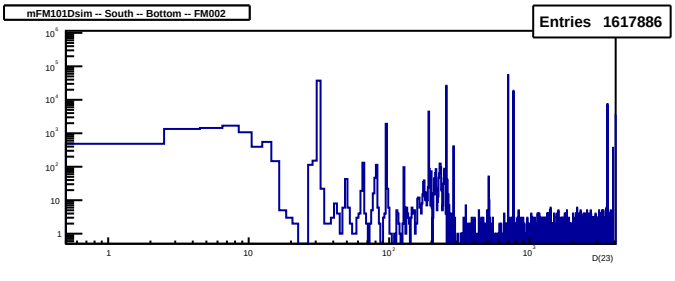

mFM101JP -- South -- Top -- FM001
Entries 1.210803e+07
JP-AB
JP-CD

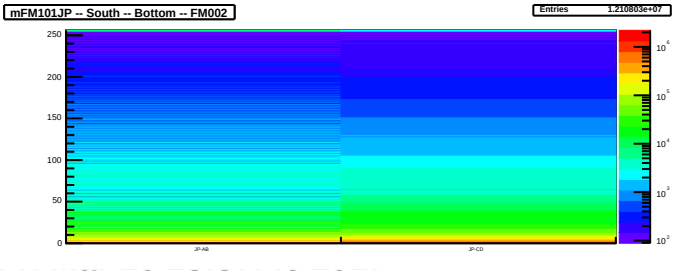

mFM101JPsim -- South -- Top -- FM001
Entries 3043738
JP-AB
JP-CD

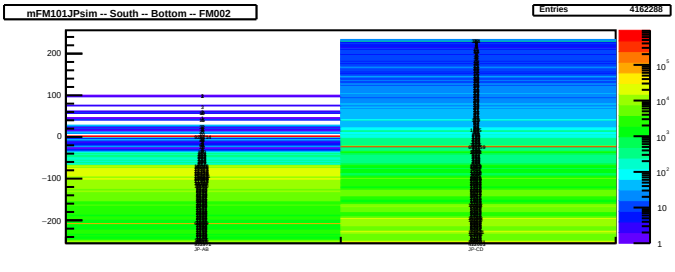

mFM101BS -- South -- Bottom -- FM002
Entries 2.421606e+07
BS3
BS2
BS1-BCD
BS1-A

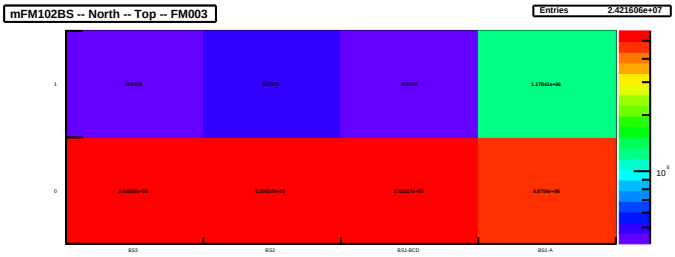

mFM101BSsim -- South -- Bottom -- FM002
Entries 6327215
BS3
BS2
BS1-BCD
BS1-A

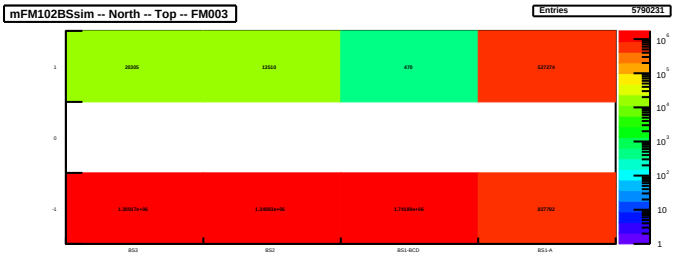

mFM101D -- South -- Bottom -- FM002
Entries 6054016
D(23)

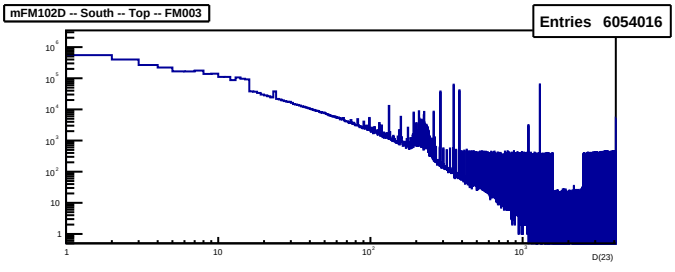

mFM101Dsim -- South -- Bottom -- FM002
Entries 1617886
D(23)

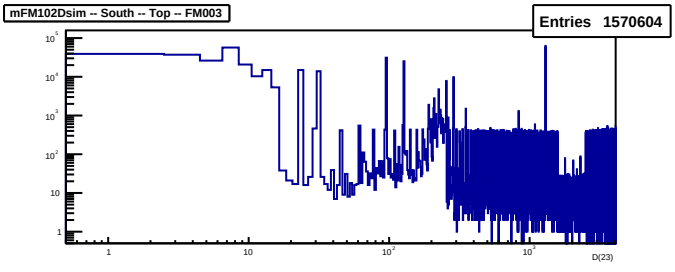

mFM101JP -- South -- Bottom -- FM002
Entries 1.210803e+07
JP-AB
JP-CD

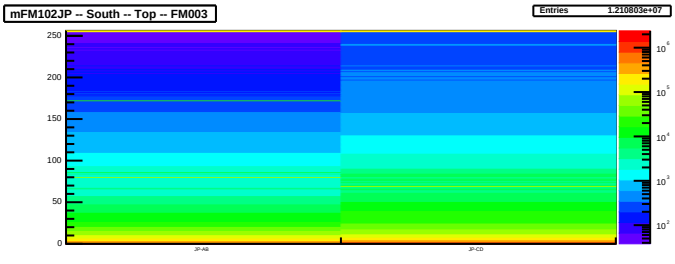

mFM101JPsim -- South -- Bottom -- FM002
Entries 4162288
JP-AB
JP-CD

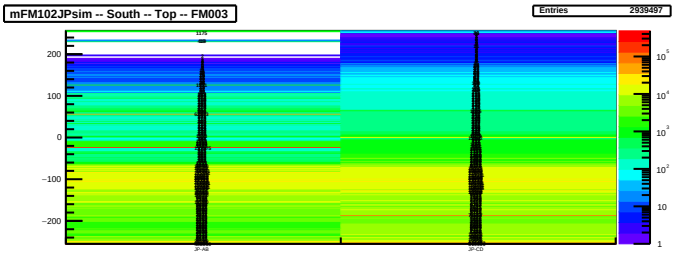

mFM102BS -- North -- Top -- FM003
Entries 2.421606e+07

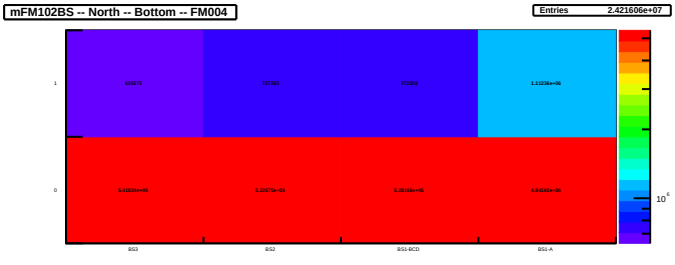

mFM102BSsim -- North -- Top -- FM003
Entries 5790231

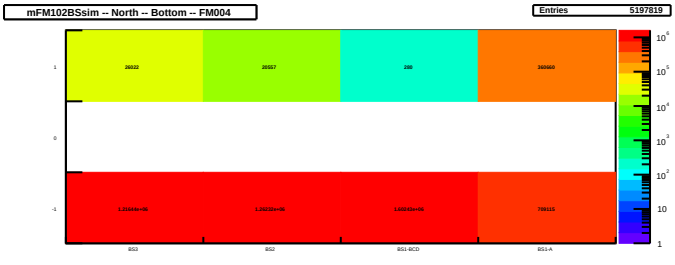

mFM102D -- South -- Top -- FM003
Entries 6054016
D(23)

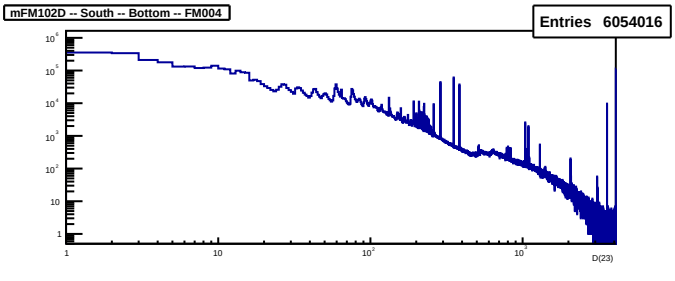

mFM102Dsim -- South -- Top -- FM003
Entries 1570604
D(23)

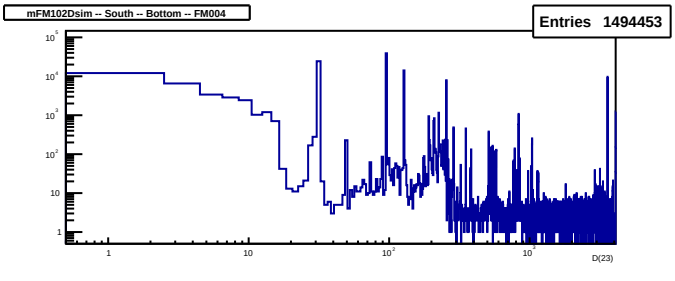

mFM102JP -- South -- Top -- FM003
Entries 1.210803e+07

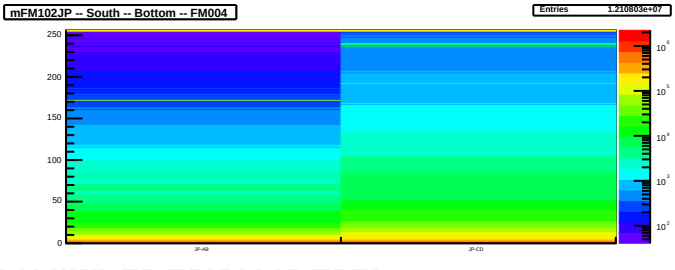

mFM102JPsim -- South -- Top -- FM003
Entries 2939497

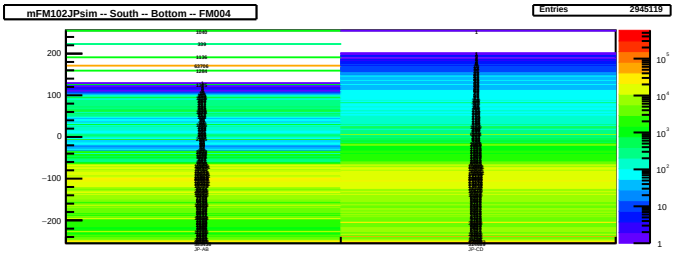

mFM102BS -- North -- Bottom -- FM004
Entries 2.421606e+07

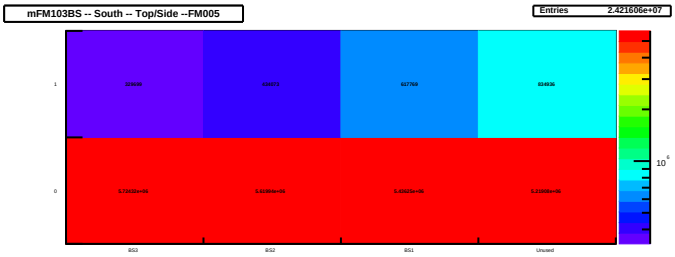

mFM102BSsim -- North -- Bottom -- FM004
Entries 5197819

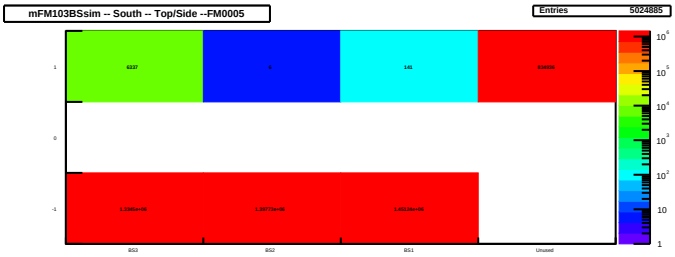

mFM102D -- South -- Bottom -- FM004
Entries 6054016
D(23)

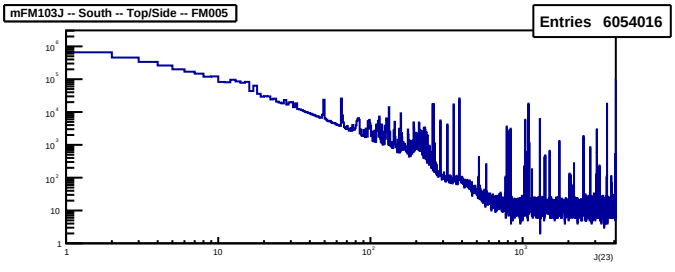

mFM102Dsim -- South -- Bottom -- FM004
Entries 1494453
D(23)

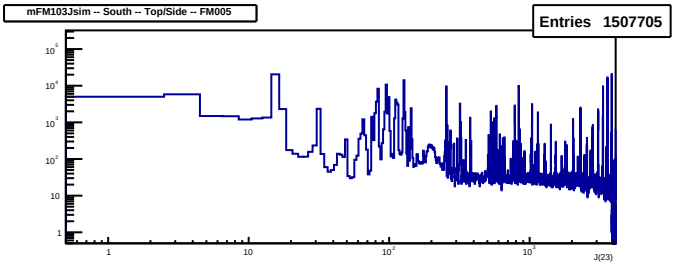

mFM102JP -- South -- Bottom -- FM004
Entries 1.210803e+07

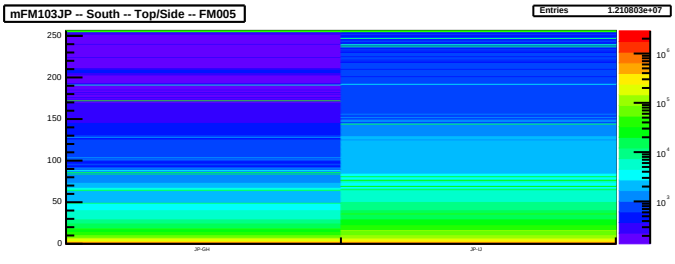

mFM102JPsim -- South -- Bottom -- FM004
Entries 2945119

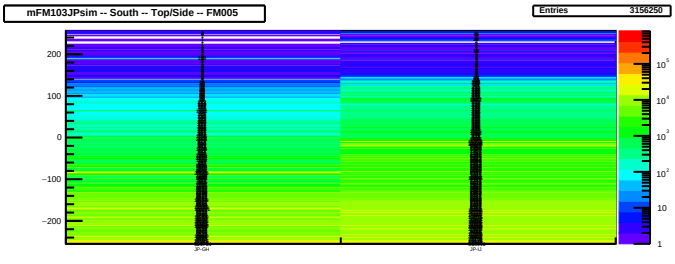

mFM103BS -- South -- Top/Side --FM005
Entries 2.421606e+07

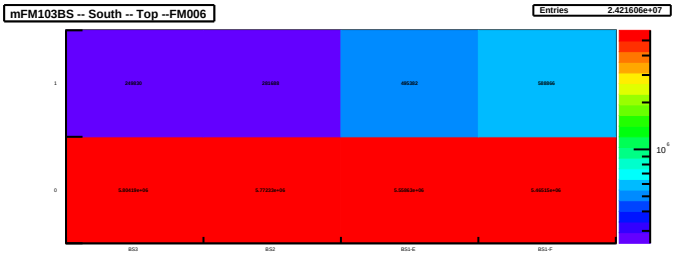

mFM103BSsim -- South -- Top/Side --FM0005
Entries 5024885

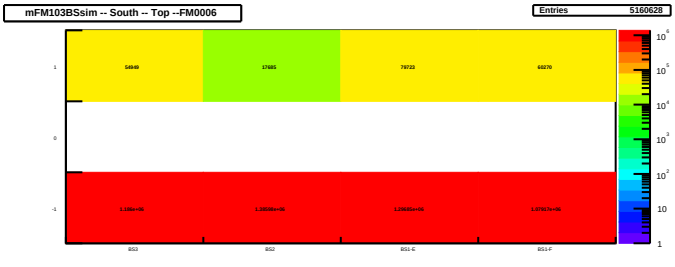

mFM103J -- South -- Top/Side -- FM005
Entries 6054016
J(23)

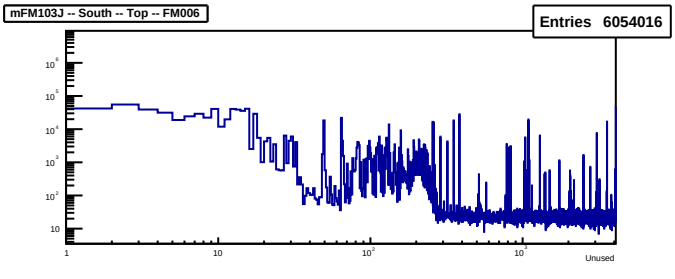

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1507705
J(23)

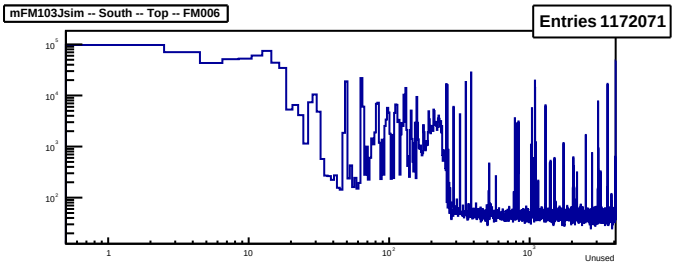

mFM103JP -- South -- Top/Side -- FM005
Entries 1.210803e+07

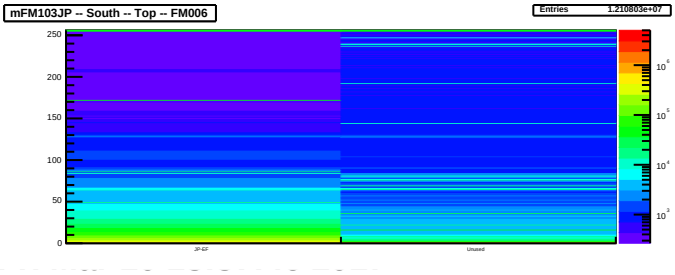

mFM103JPsim -- South -- Top/Side -- FM005
Entries 3156250

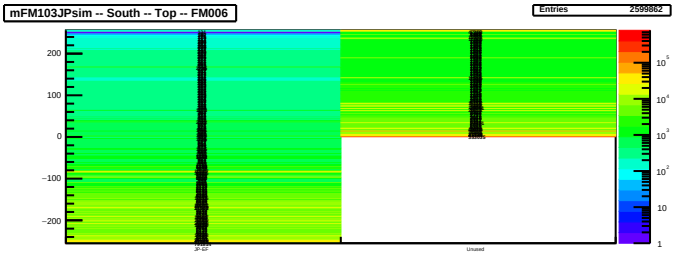

mFM103BS -- South -- Top --FM006
Entries 2.421606e+07

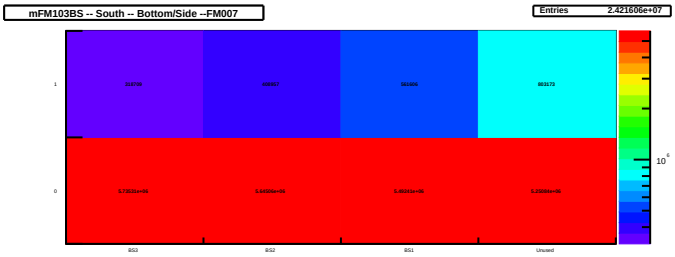

mFM103BSsim -- South -- Top --FM0006
Entries 5160628

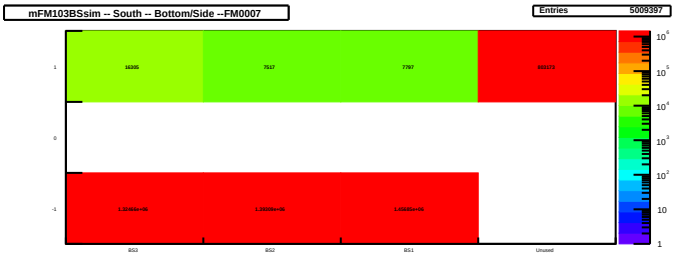

mFM103J -- South -- Top -- FM006
Entries 6054016
Unused

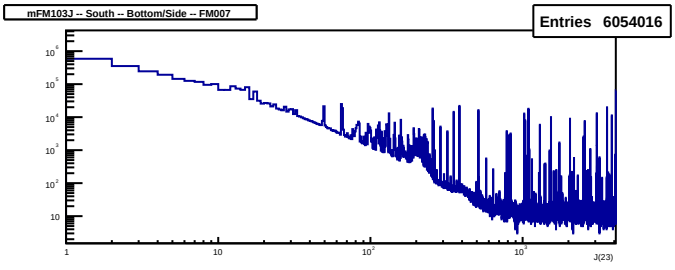

mFM103Jsim -- South -- Top -- FM006
Entries 1172071
Unused

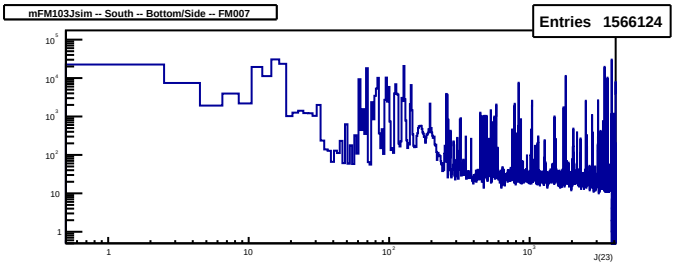

mFM103JP -- South -- Top -- FM006
Entries 1.210803e+07

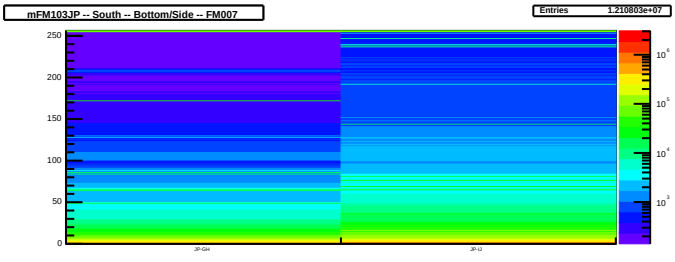

mFM103JPsim -- South -- Top -- FM006
Entries 2599862

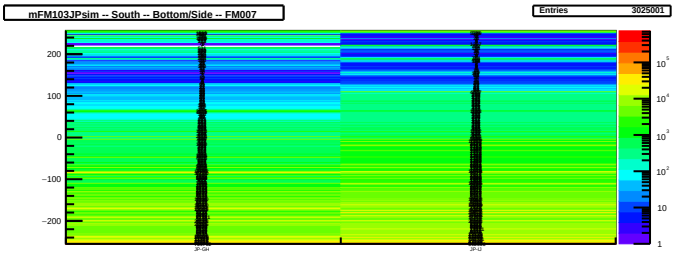

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.421606e+07

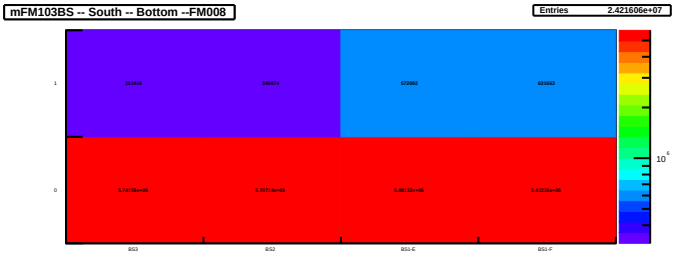

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 5009397

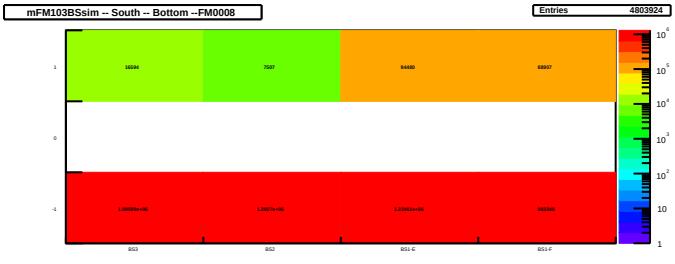

mFM103J -- South -- Bottom/Side -- FM007
Entries 6054016
J(23)

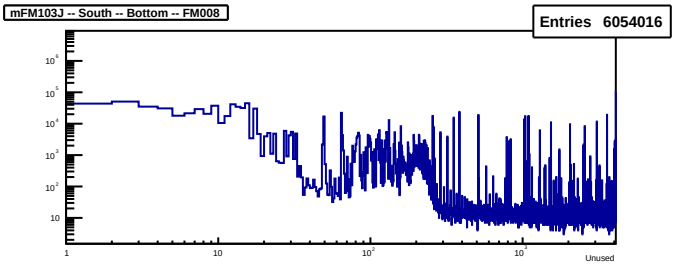

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1566124
J(23)

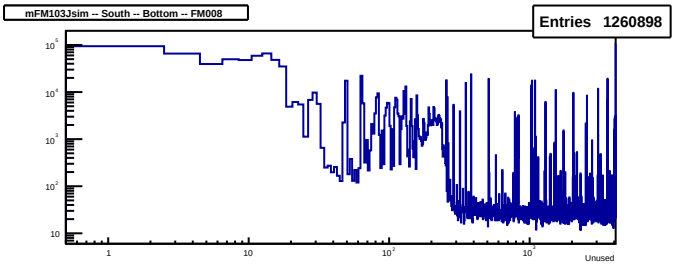

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.210803e+07

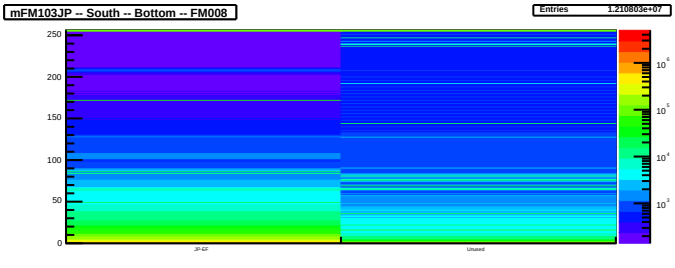

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3025001

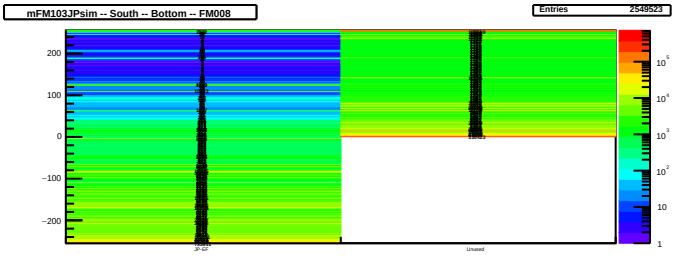

mFM103BS -- South -- Bottom --FM008
Entries 2.421606e+07

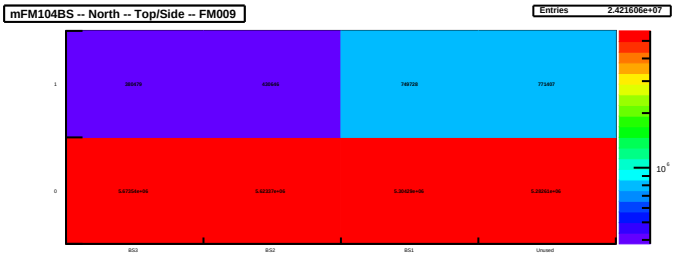

mFM103BSsim -- South -- Bottom --FM0008
Entries 4803924

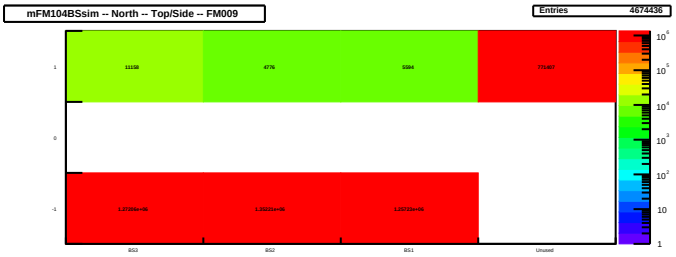

mFM103J -- South -- Bottom -- FM008
Entries 6054016
Unused

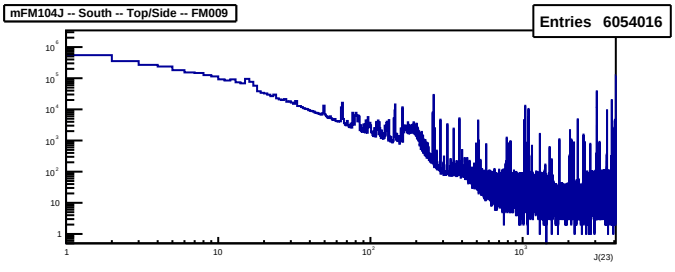

mFM103Jsim -- South -- Bottom -- FM008
Entries 1260898
Unused

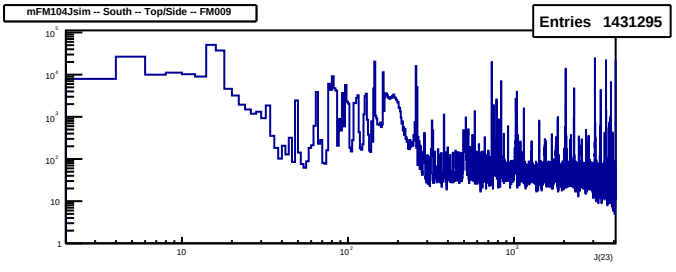

mFM103JP -- South -- Bottom -- FM008
Entries 1.210803e+07

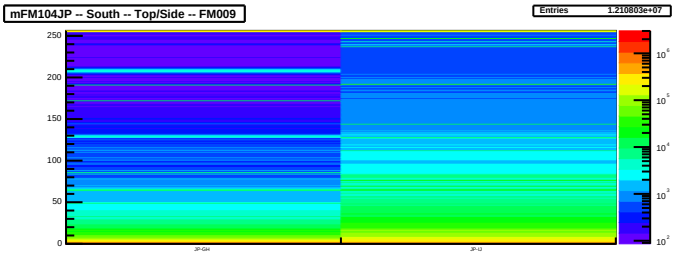

mFM103JPsim -- South -- Bottom -- FM008
Entries 2549523

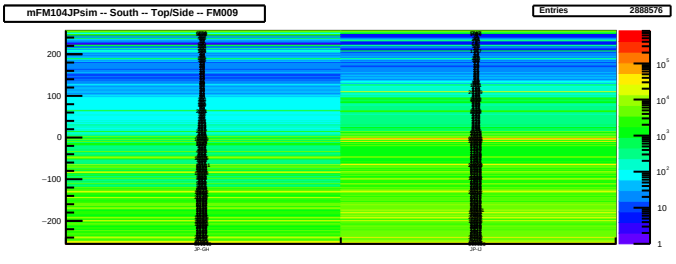

mFM104BS -- North -- Top/Side -- FM009
Entries 2.421606e+07

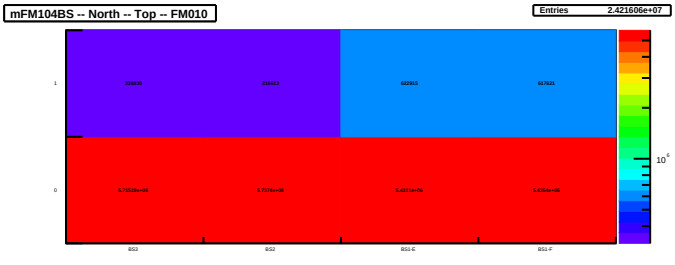

mFM104BSsim -- North -- Top/Side -- FM009
Entries 4674436

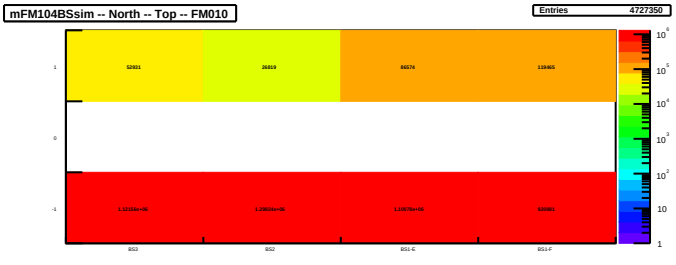

mFM104J -- South -- Top/Side -- FM009
Entries 6054016
J(23)

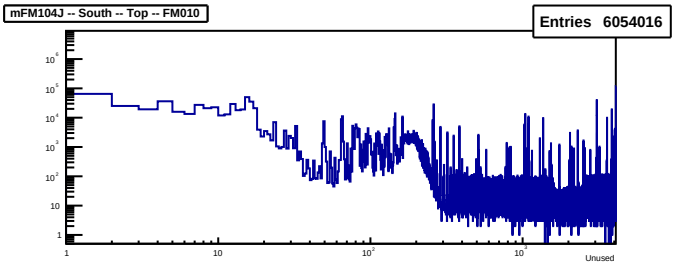

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1431295
J(23)

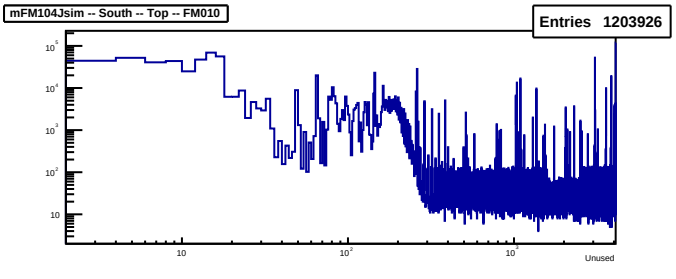

mFM104JP -- South -- Top/Side -- FM009
Entries 1.210803e+07

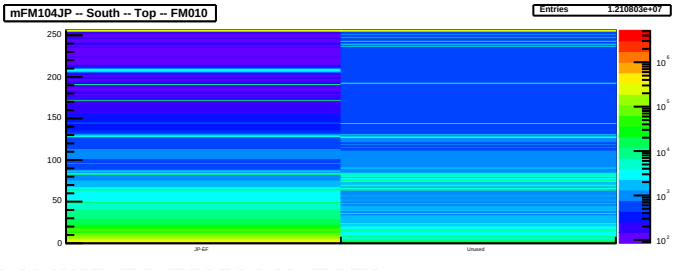

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2888576

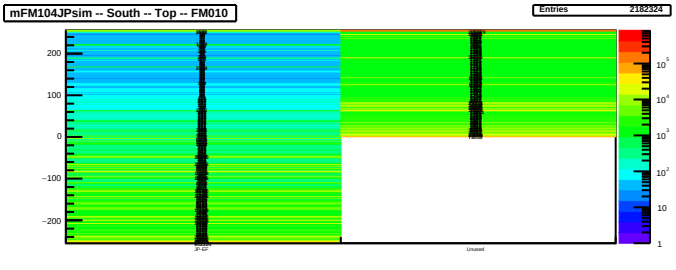

mFM104BS -- North -- Top -- FM010
Entries 2.421606e+07

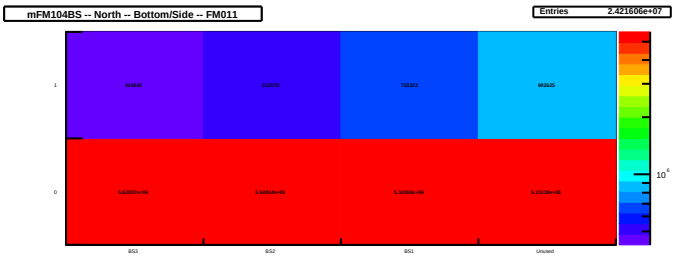

mFM104BSsim -- North -- Top -- FM010
Entries 4727350

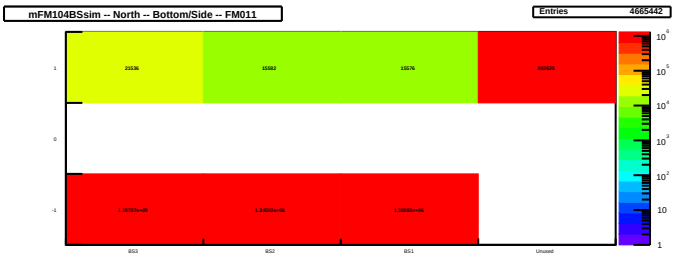

mFM104J -- South -- Top -- FM010
Entries 6054016
Unused

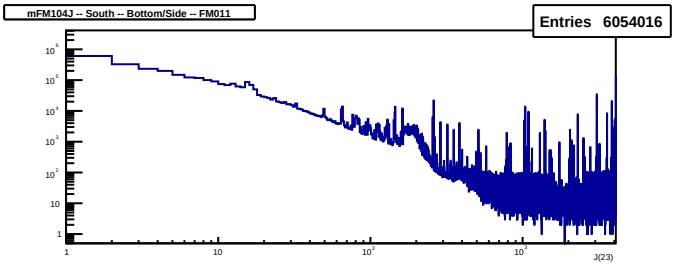

mFM104Jsim -- South -- Top -- FM010
Entries 1203926
Unused

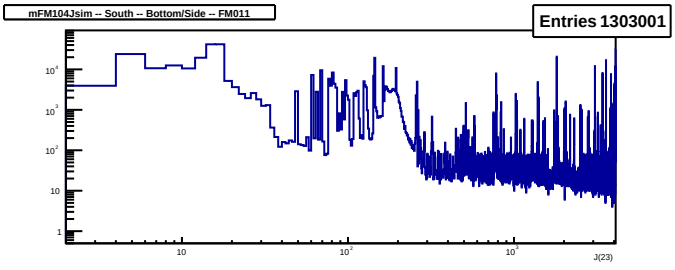

mFM104JP -- South -- Top -- FM010
Entries 1.210803e+07

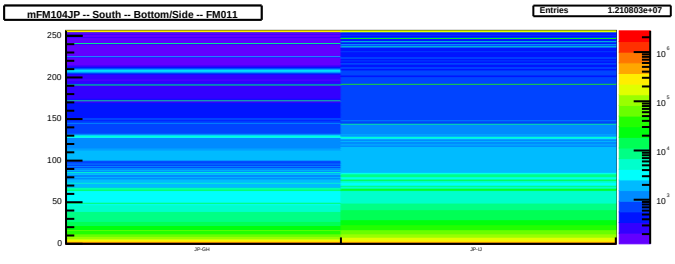

mFM104JPsim -- South -- Top -- FM010
Entries 2182324

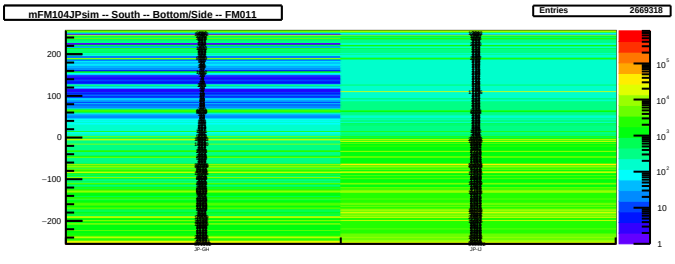

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.421606e+07

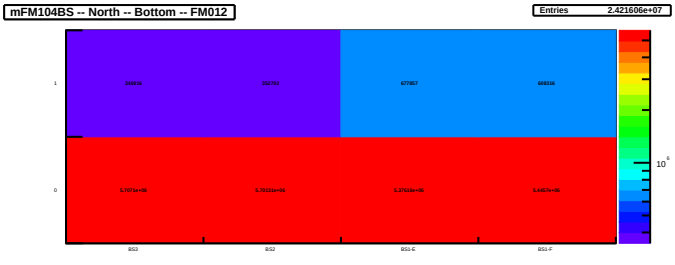

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4665442

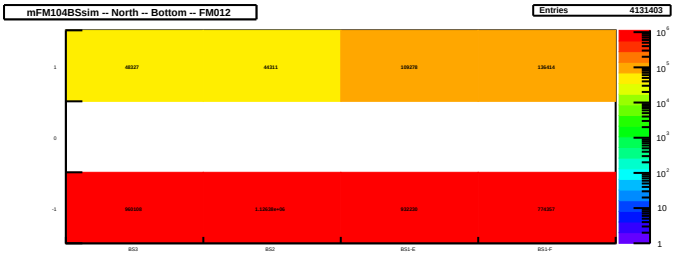

mFM104J -- South -- Bottom/Side -- FM011
Entries 6054016
J(23)

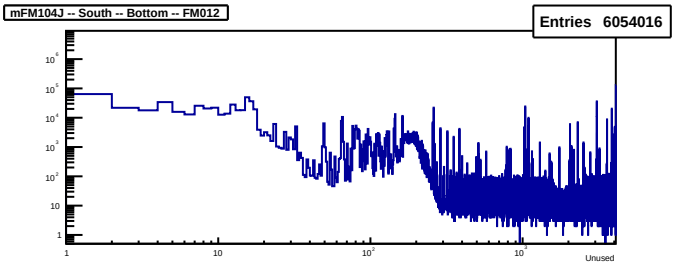

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1303001
J(23)

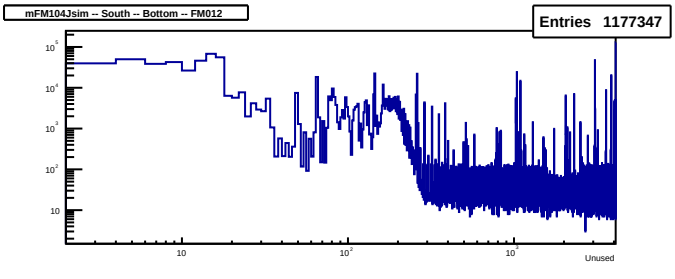

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.210803e+07

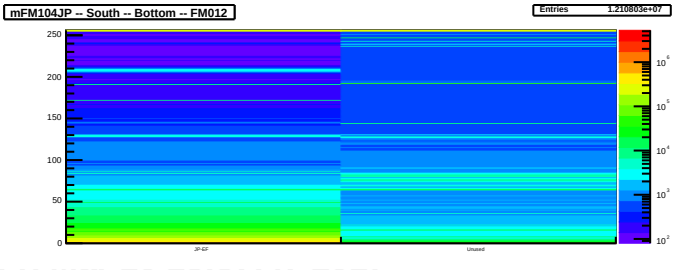

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2669318

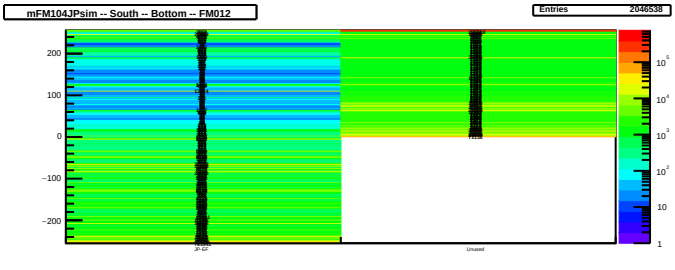

mFM104BS -- North -- Bottom -- FM012
Entries 2.421606e+07

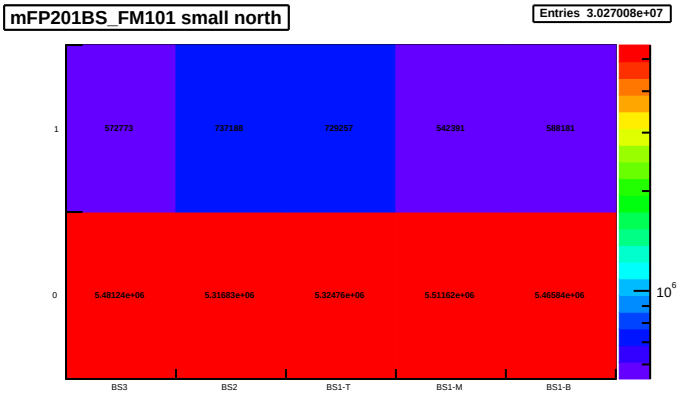

mFM104BSsim -- North -- Bottom -- FM012
Entries 4131403

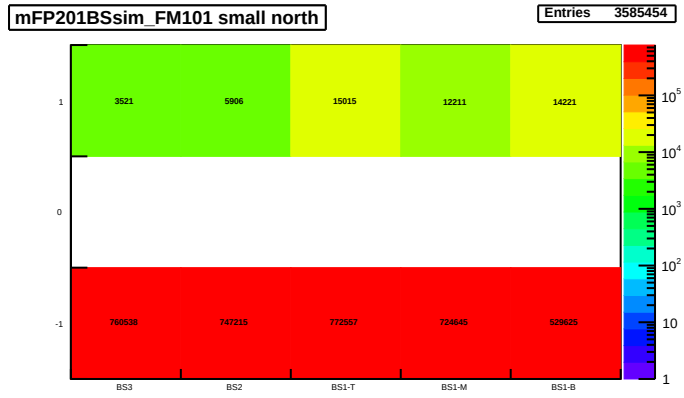

mFM104J -- South -- Bottom -- FM012
Entries 6054016
Unused

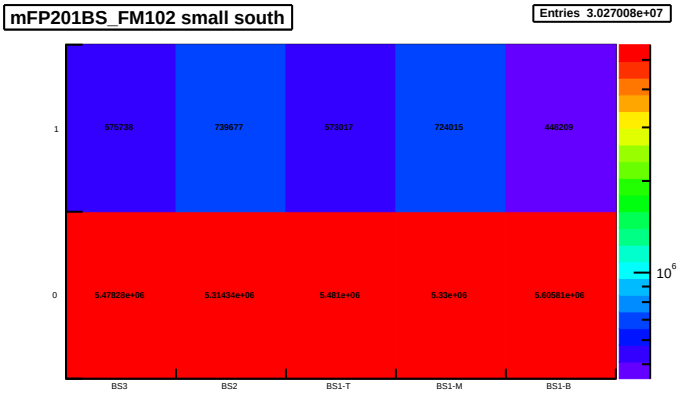

mFM104Jsim -- South -- Bottom -- FM012
Entries 1177347
Unused

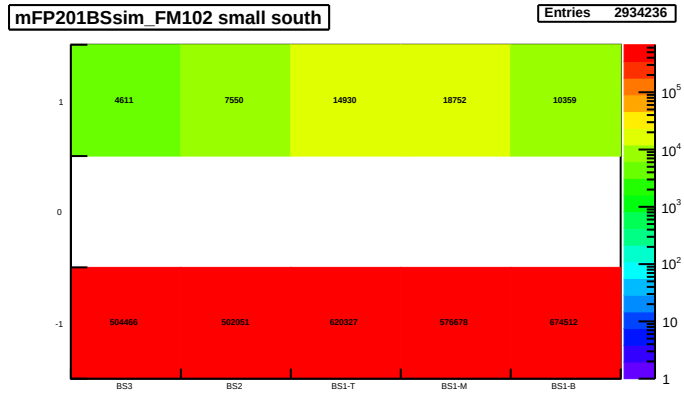

mFM104JP -- South -- Bottom -- FM012
Entries 1.210803e+07

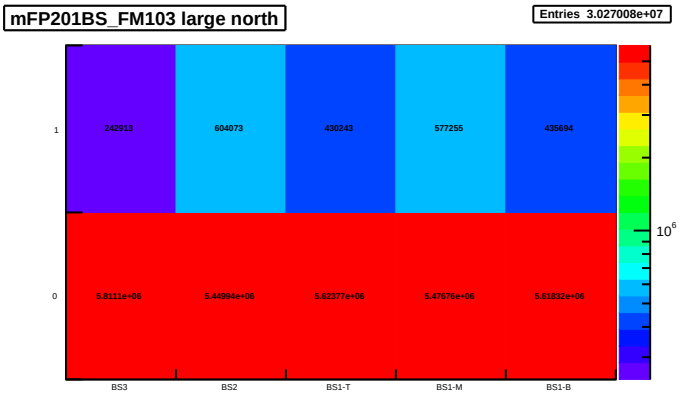

mFM104JPsim -- South -- Bottom -- FM012
Entries 2046538

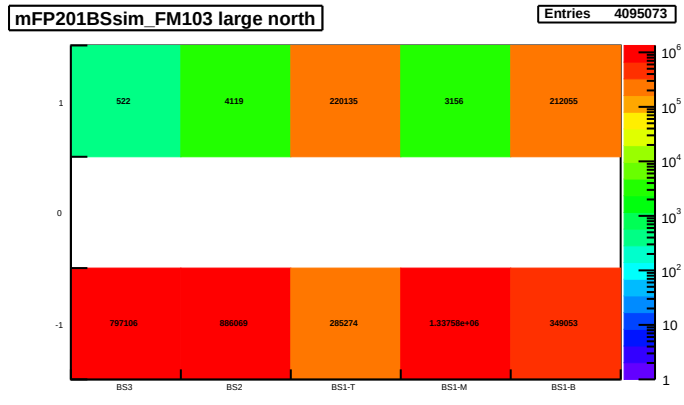

mFP201BS_FM101 small north
Entries 3.027008e+07
572773
737188
729257
542391
588181
5.48124e+06
5.31683e+06
5.32476e+06
5.51162e+06
5.46584e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

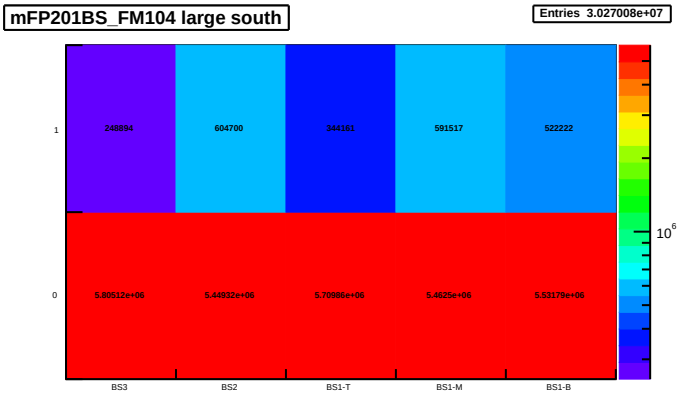

mFP201BSsim_FM101 small north
Entries 3585454
3521
5906
15015
12211
14221
760538
747215
772557
724645
529625
BS3
BS2
BS1-T
BS1-M
BS1-B

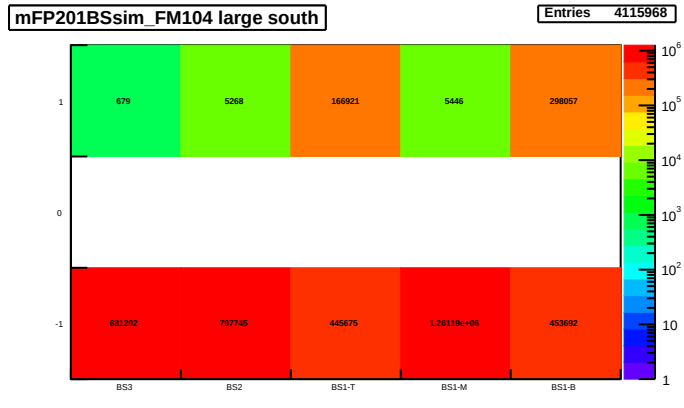

mFP201BS_FM102 small south
Entries 3.027008e+07
575738
739677
573017
724015
448209
5.47828e+06
5.31434e+06
5.481e+06
5.33e+06
5.60581e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

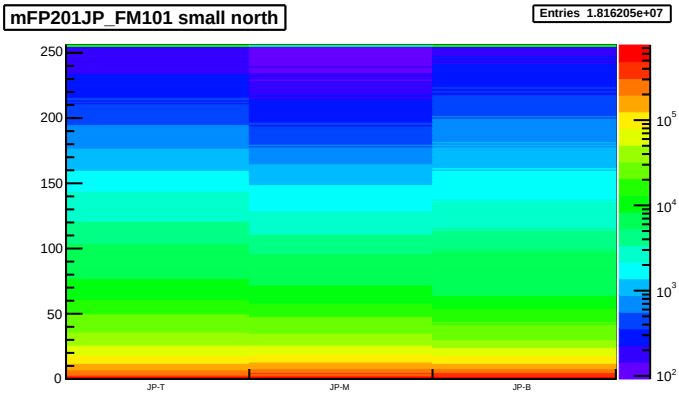

mFP201BSsim_FM102 small south
Entries 2934236
4611
7550
14930
18752
10359
504466
502051
620327
576678
674512
BS3
BS2
BS1-T
BS1-M
BS1-B

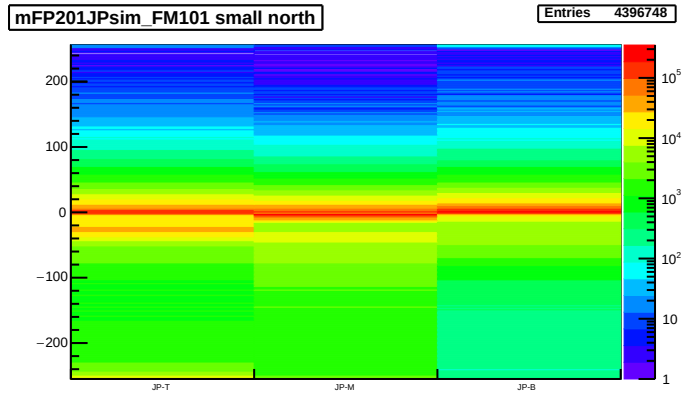

mFP201BS_FM103 large north
Entries 3.027008e+07
242913
604073
430243
577255
435694
5.8111e+06
5.44994e+06
5.62377e+06
5.47676e+06
5.61832e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

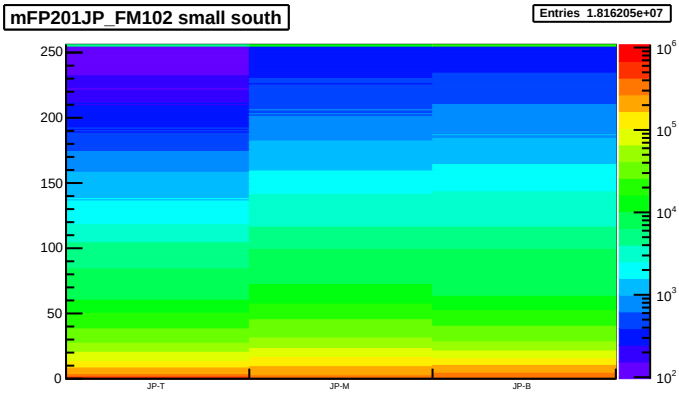

mFP201BSsim_FM103 large north
Entries 4095073
522
4119
220135
3156
212055
797106
886069
285274
1.33758e+06
349053
BS3
BS2
BS1-T
BS1-M
BS1-B

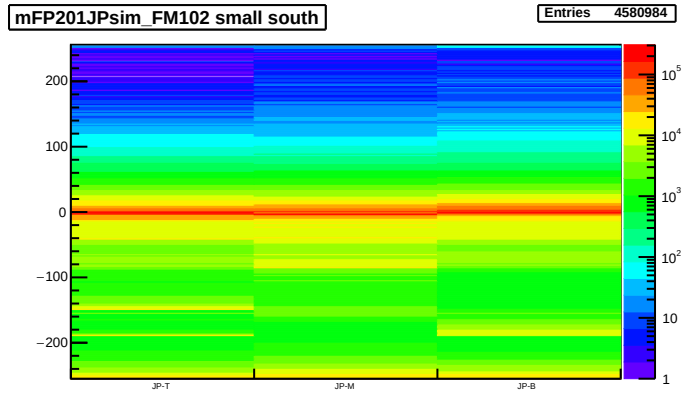

mFP201BS_FM104 large south
Entries 3.027008e+07
248894
604700
344161
591517
522222
5.80512e+06
5.44932e+06
5.70986e+06
5.4625e+06
5.53179e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

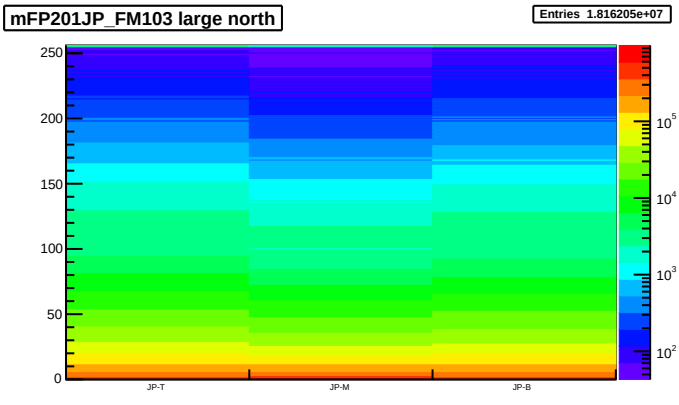

mFP201BSsim_FM104 large south
Entries 4115968
679
5268
166921
5446
298057
681292
797745
445675
1.26119e+06
453692
BS3
BS2
BS1-T
BS1-M
BS1-B

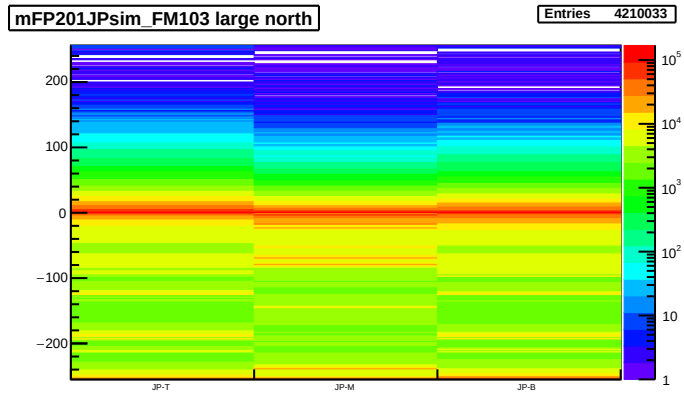

mFP201JP_FM101 small north
Entries 1.816205e+07
JP-T
JP-M
JP-B

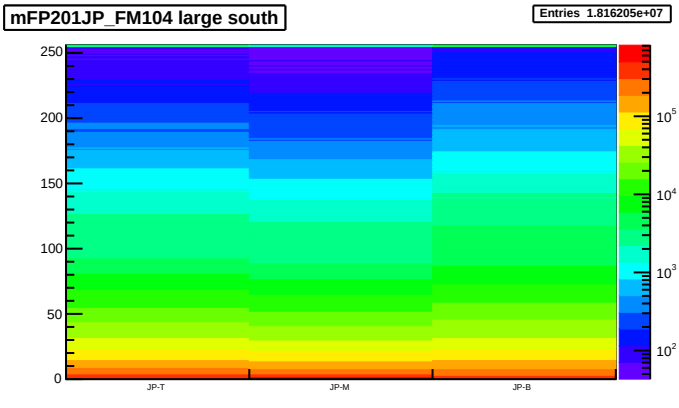

mFP201JPsim_FM101 small north
Entries 4396748
JP-T
JP-M
JP-B

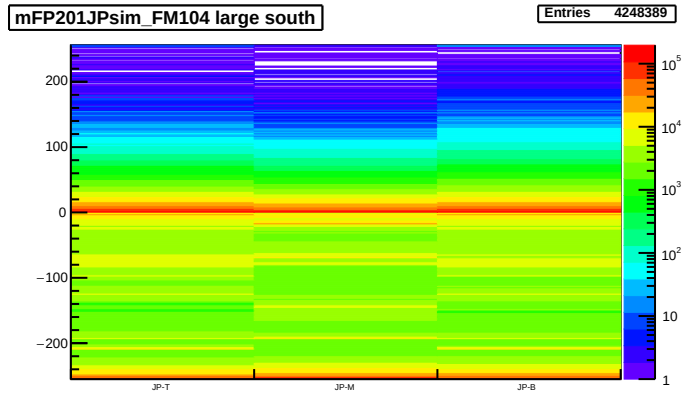

mFP201JP_FM102 small south
Entries 1.816205e+07
JP-T
JP-M
JP-B

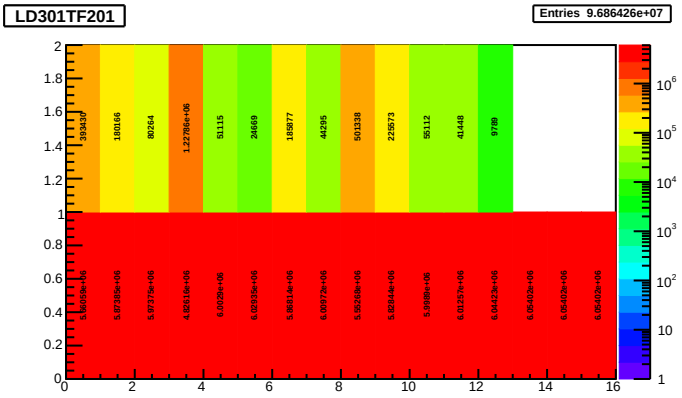

mFP201JPsim_FM102 small south
Entries 4580984
JP-T
JP-M
JP-B

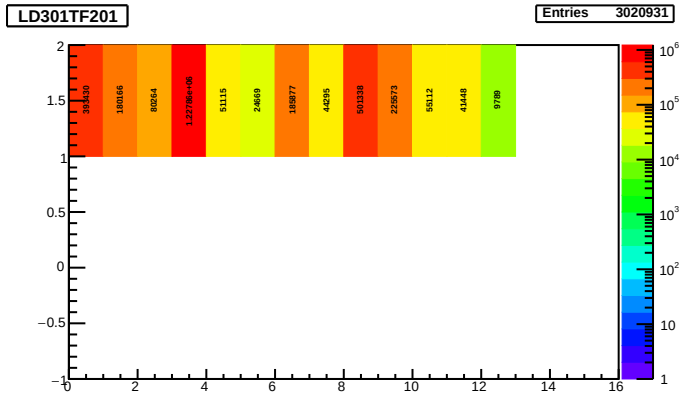

mFP201JP_FM103 large north
Entries 1.816205e+07
JP-T
JP-M
JP-B

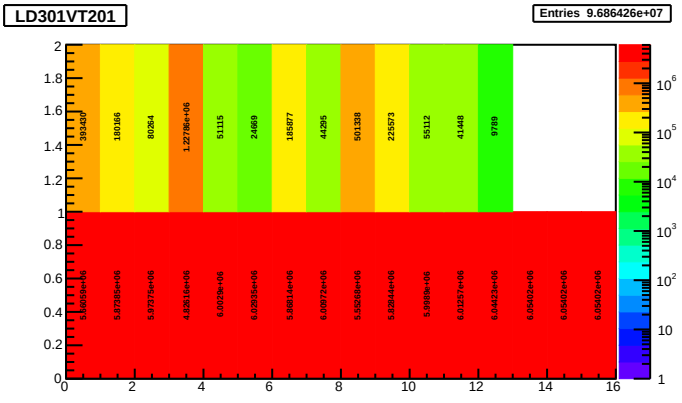

mFP201JPsim_FM103 large north
Entries 4210033
JP-T
JP-M
JP-B

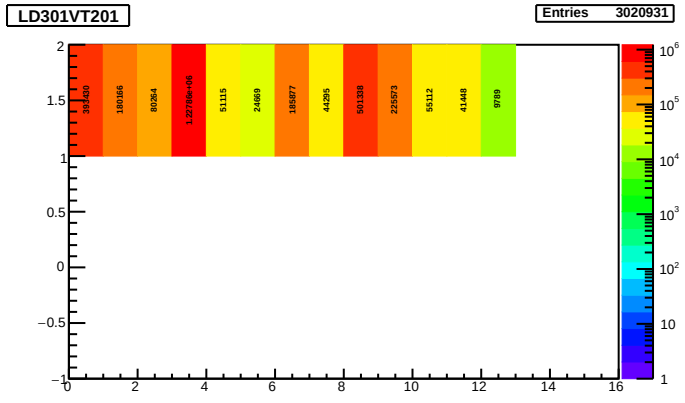

mFP201JP_FM104 large south
Entries 1.816205e+07
JP-T
JP-M
JP-B

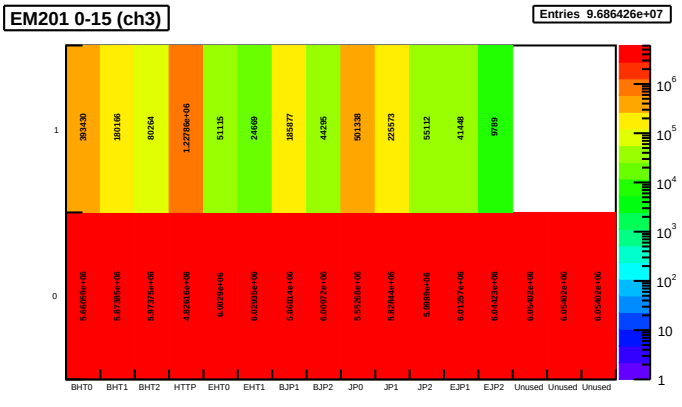

mFP201JPsim_FM104 large south
Entries 4248389
JP-T
JP-M
JP-B

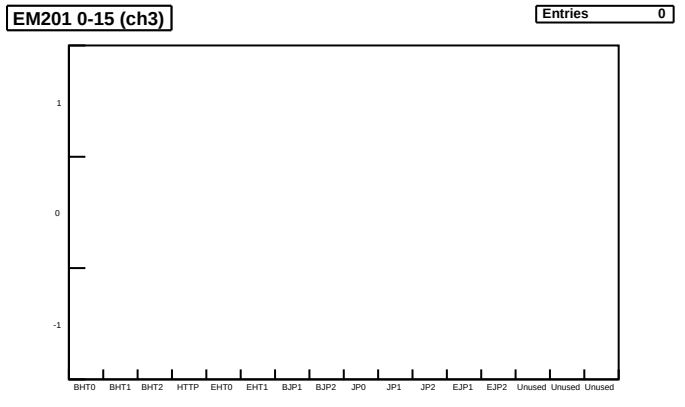

LD301TF201
Entries 9.686426e+07

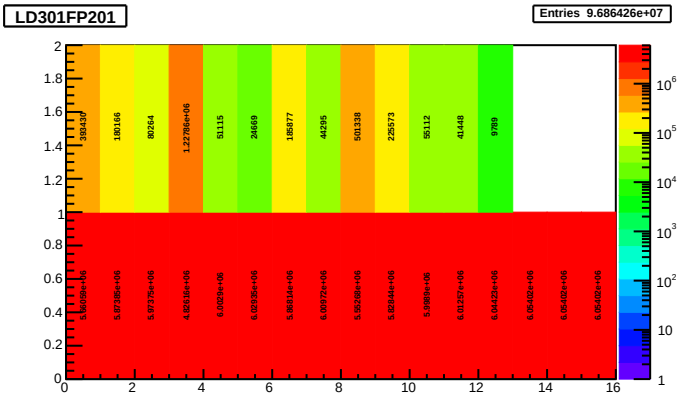

LD301TF201
Entries 3020931

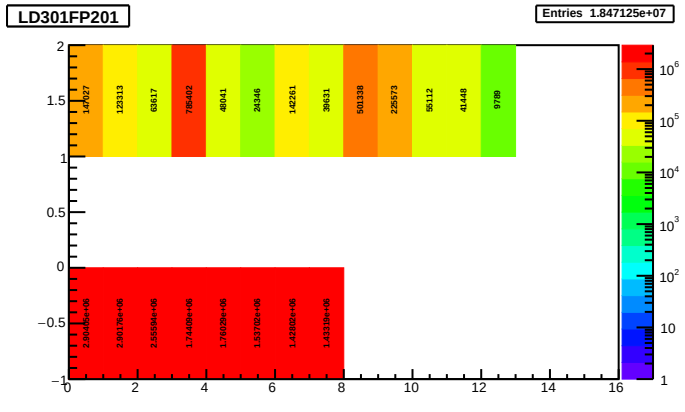

LD301VT201
Entries 9.686426e+07


LD301VT201
Entries 3020931


EM201 0-15 (ch3)
Entries 9.686426e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 9.686426e+07


LD301FP201
Entries 1.847125e+07