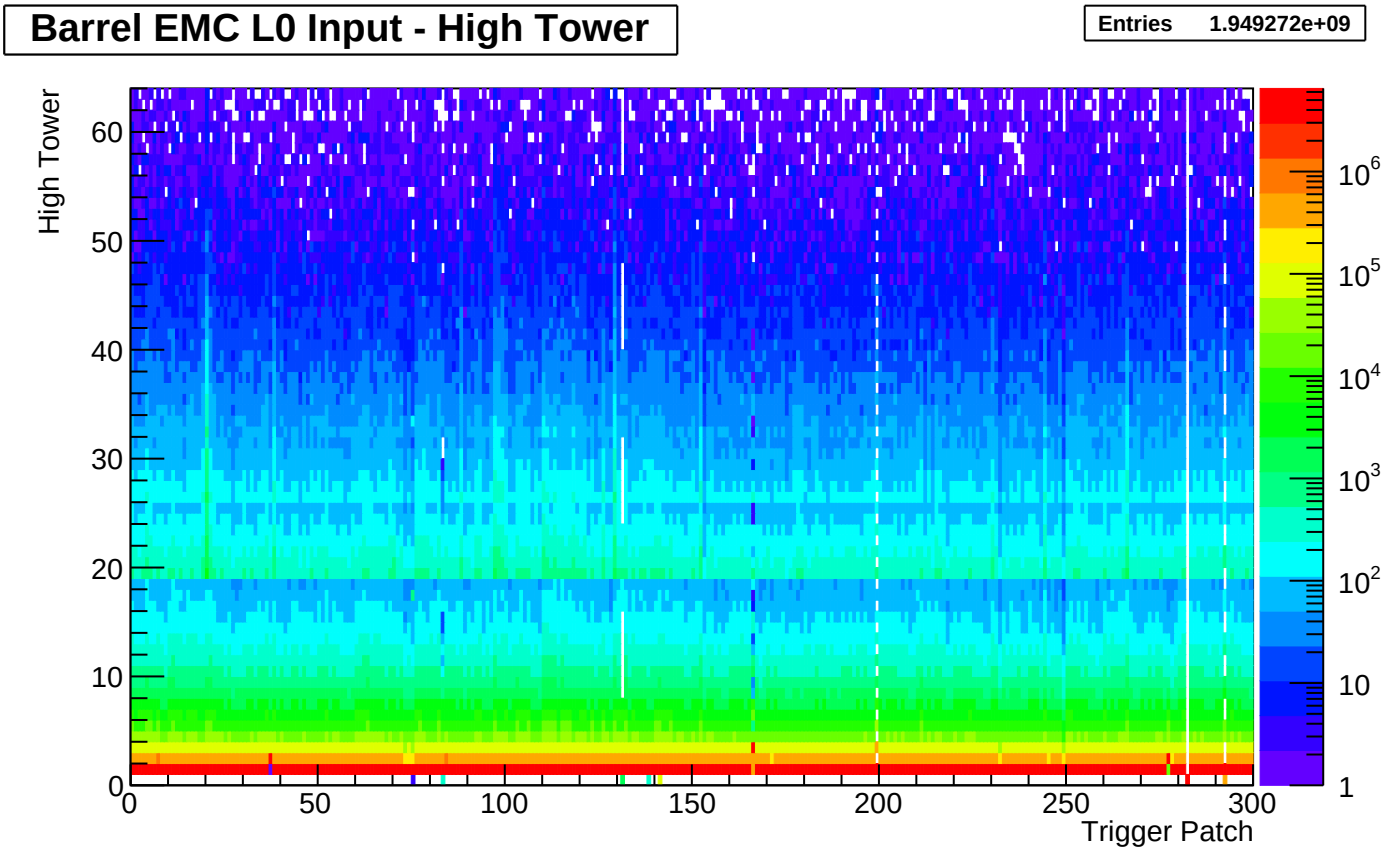
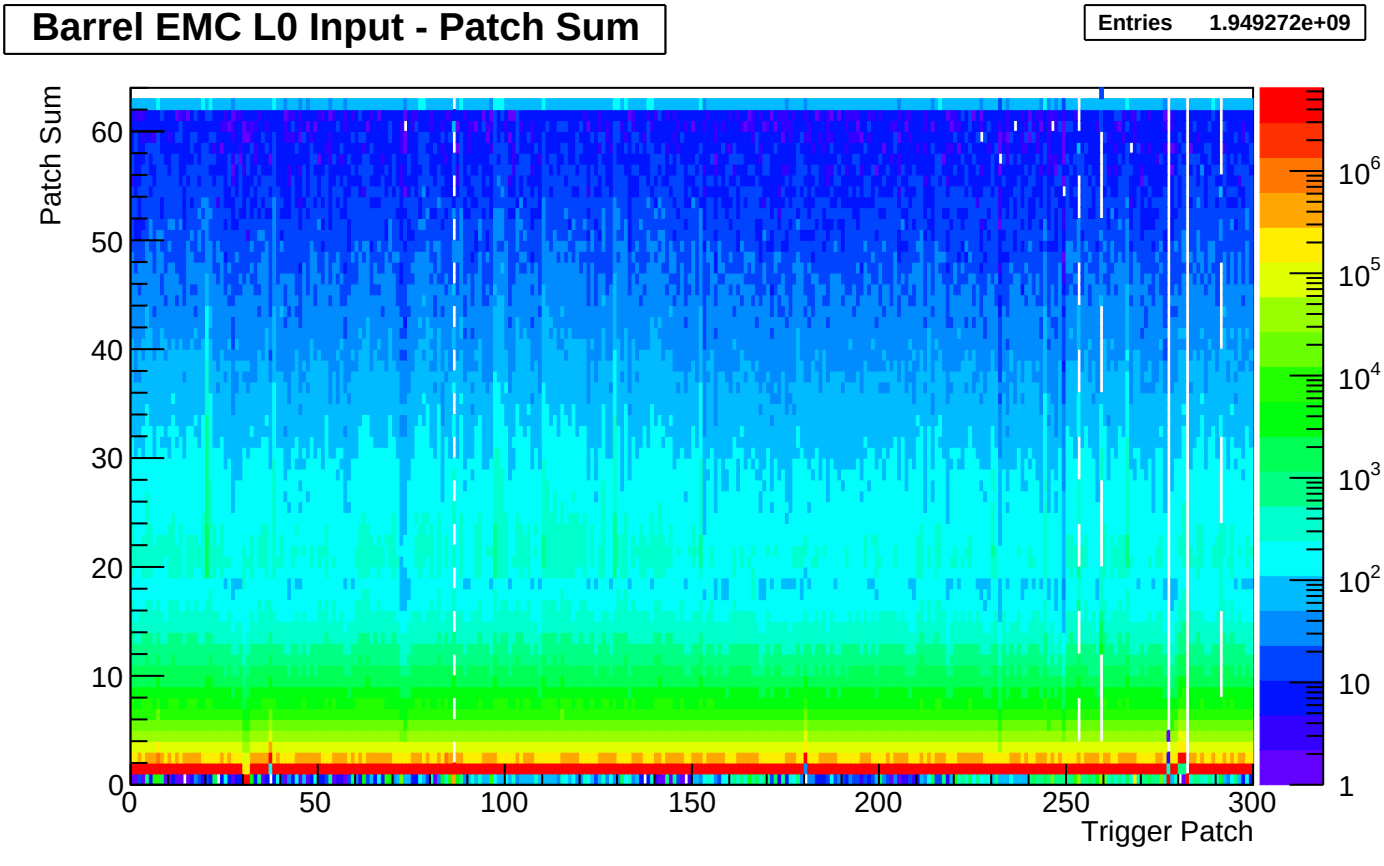
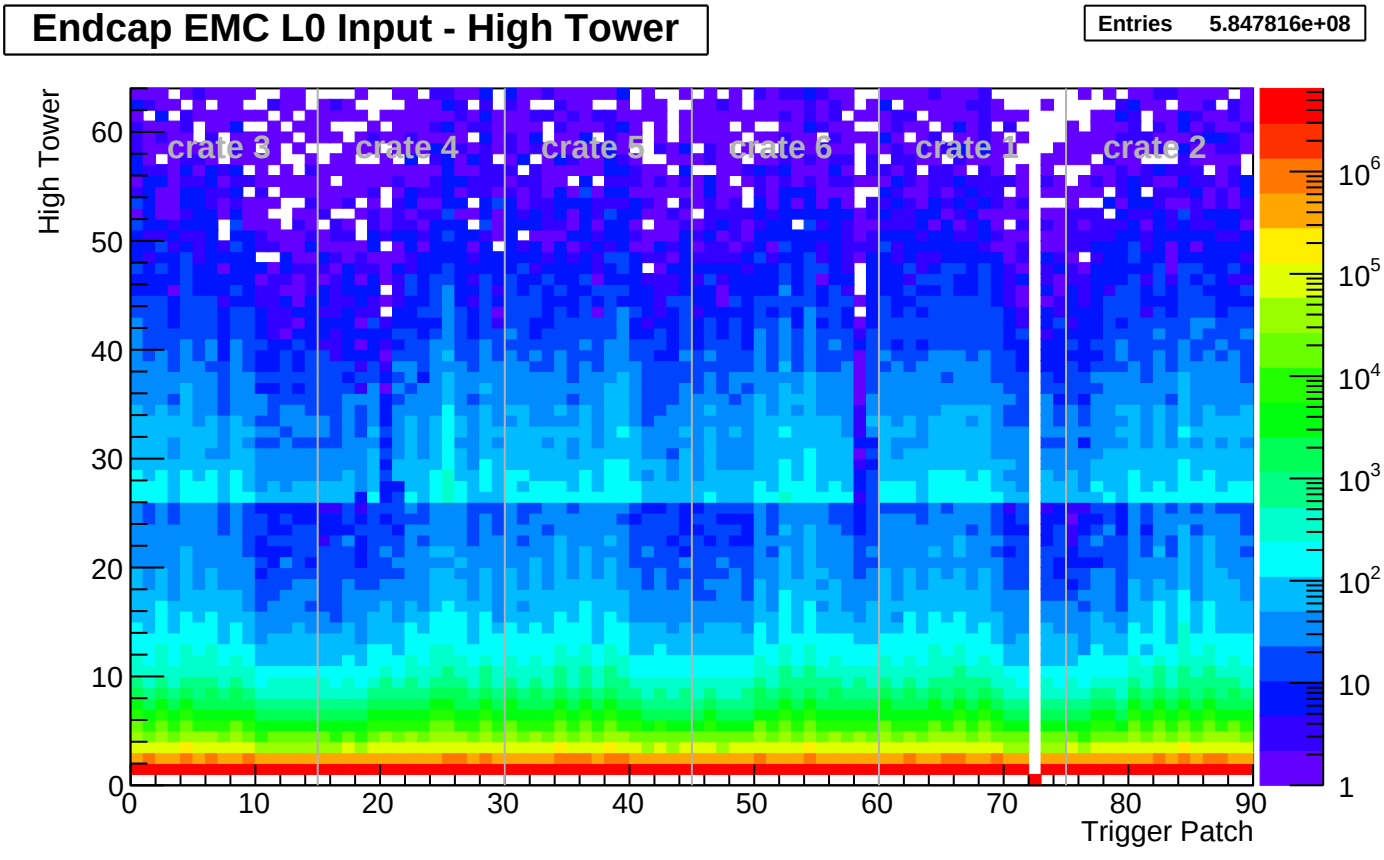
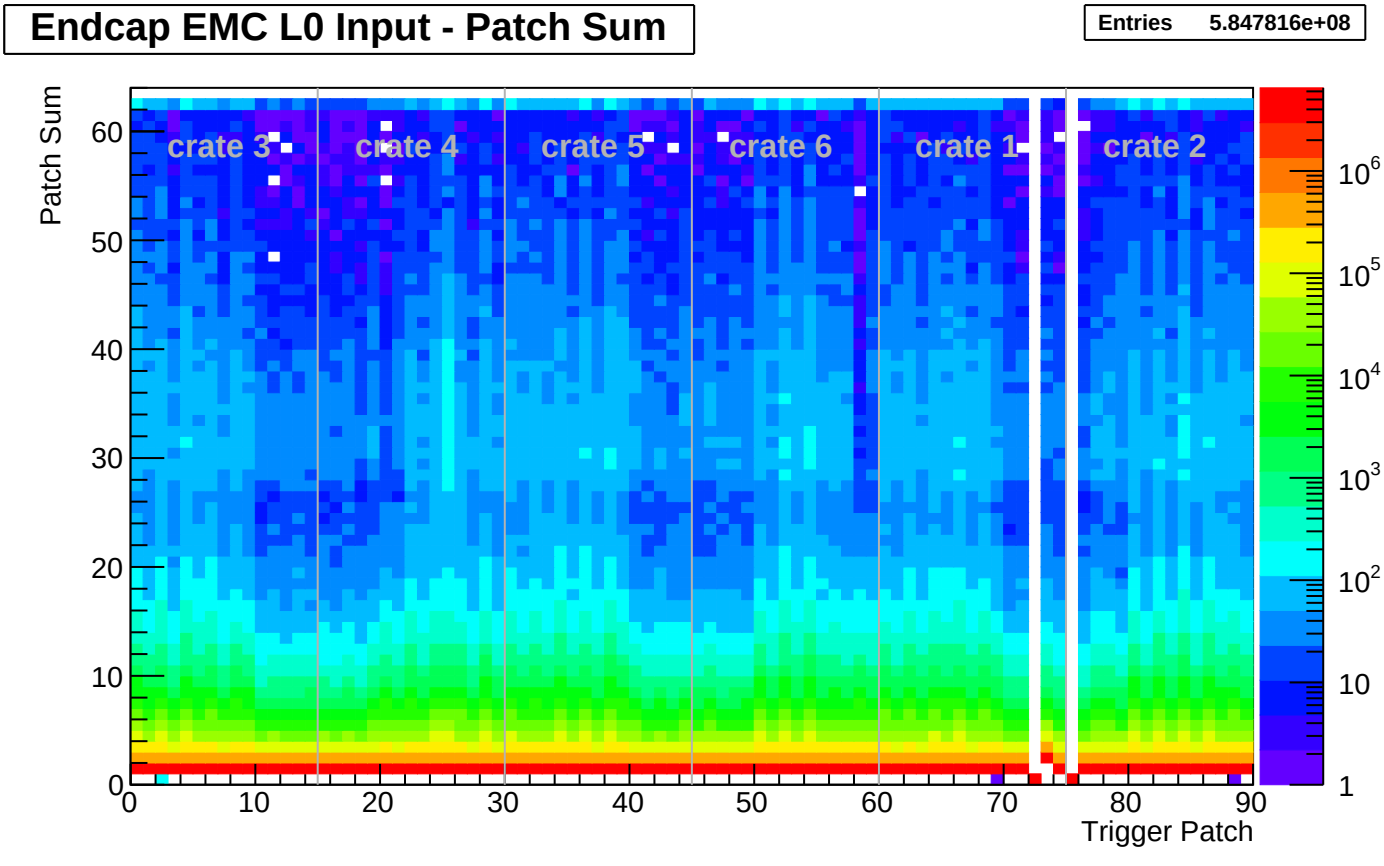
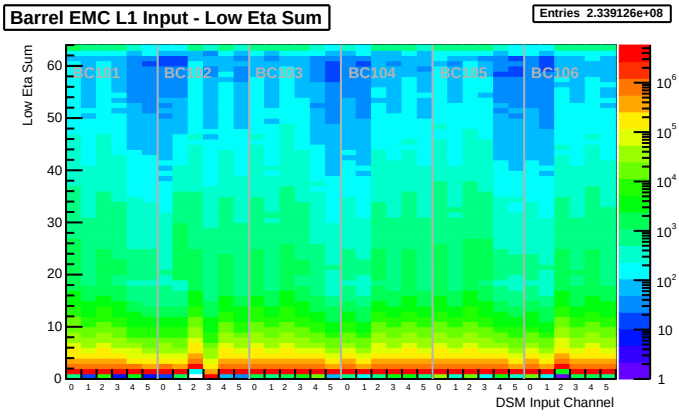
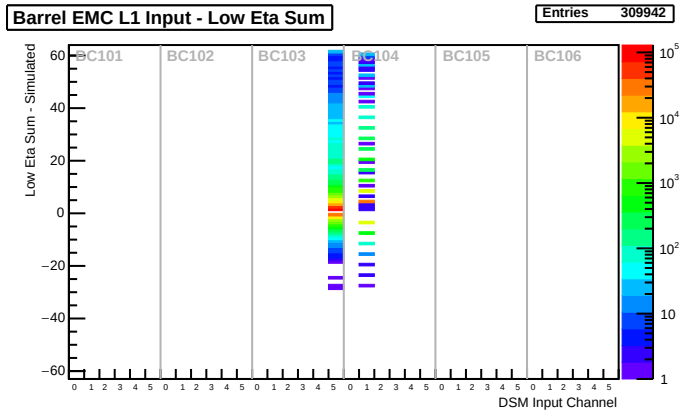

Barrel EMC L0 Input - High Tower
Entries 1.949272e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

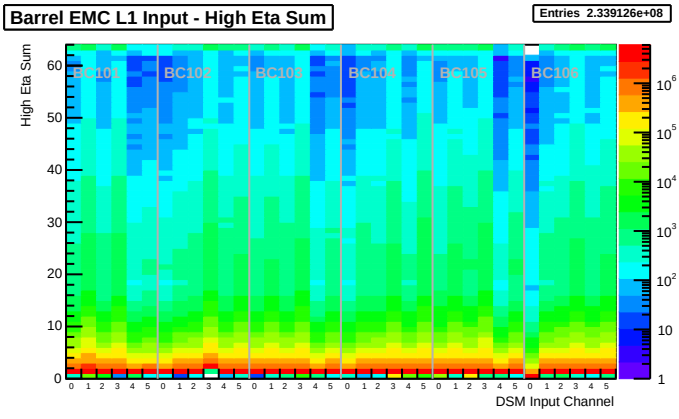

Barrel EMC L0 Input - Patch Sum
Entries 1.949272e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

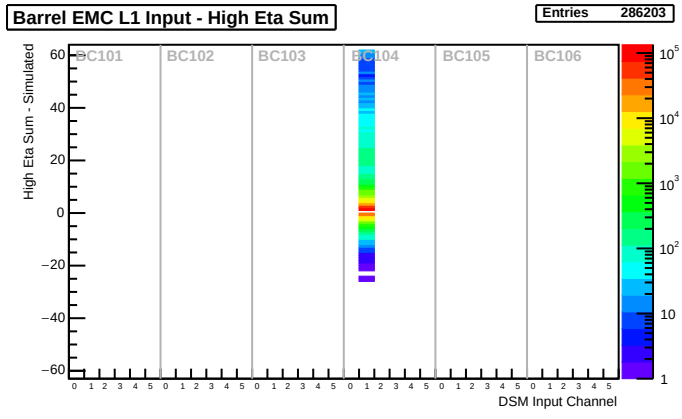

Endcap EMC L0 Input - High Tower
Entries 5.847816e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

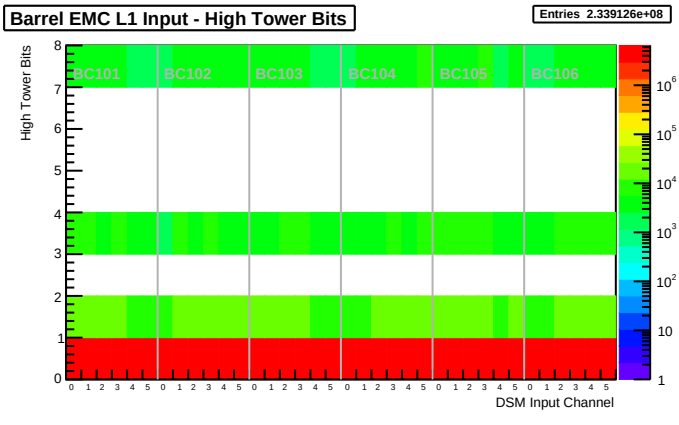

Endcap EMC L0 Input - Patch Sum
Entries 5.847816e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

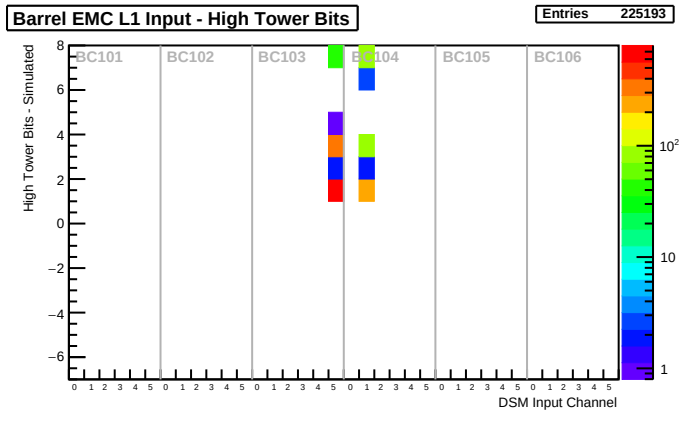

Barrel EMC L1 Input - Low Eta Sum
Entries 2.339126e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

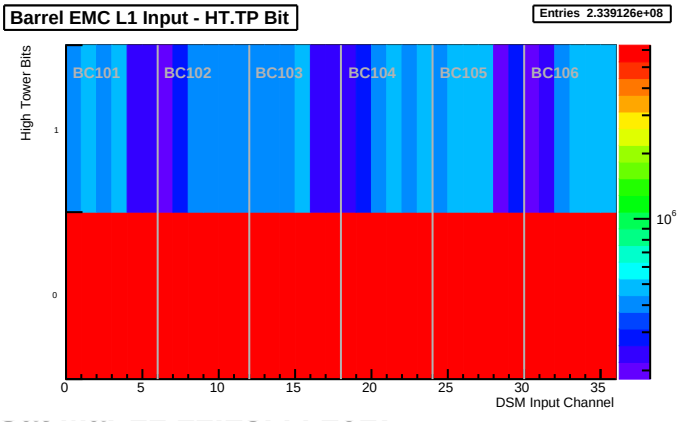

Barrel EMC L1 Input - Low Eta Sum
Entries 309942
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

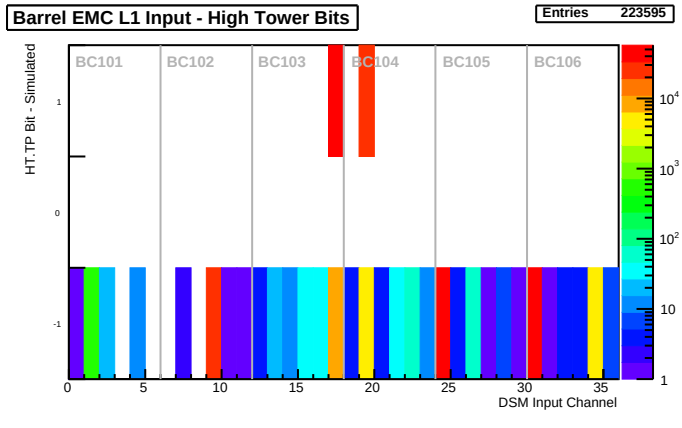

Barrel EMC L1 Input - High Eta Sum
Entries 2.339126e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

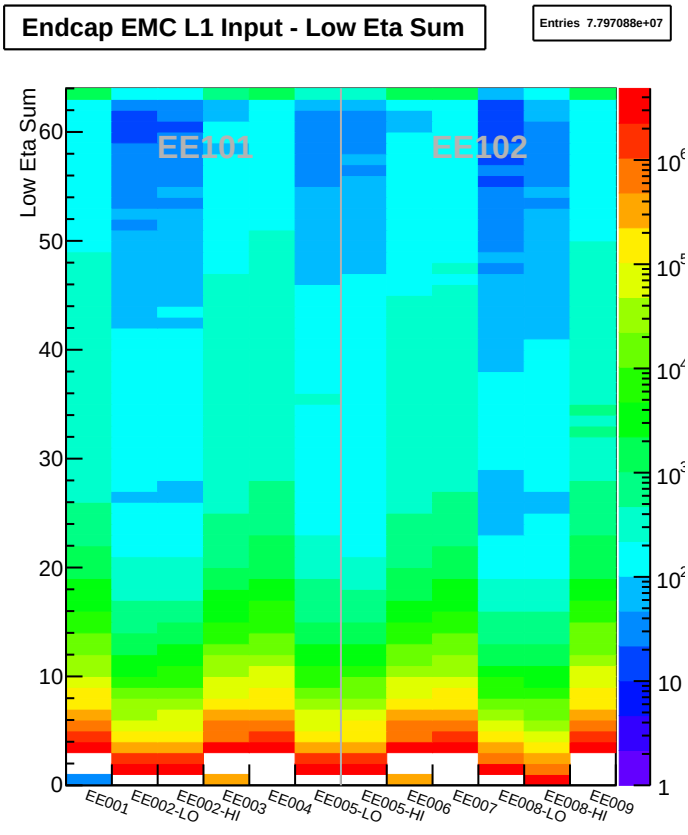

Barrel EMC L1 Input - High Eta Sum
Entries 286203
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

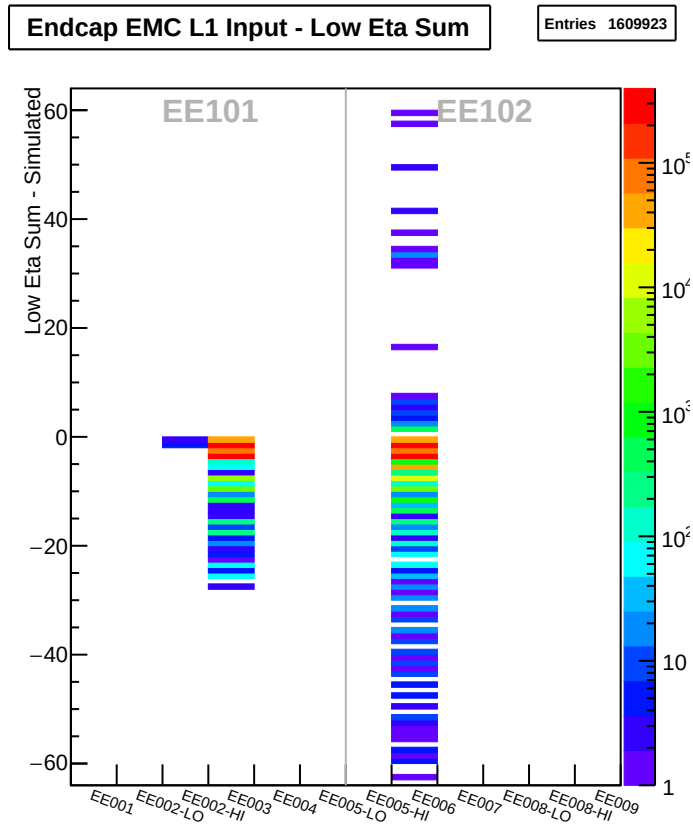

Barrel EMC L1 Input - High Tower Bits
Entries 2.339126e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

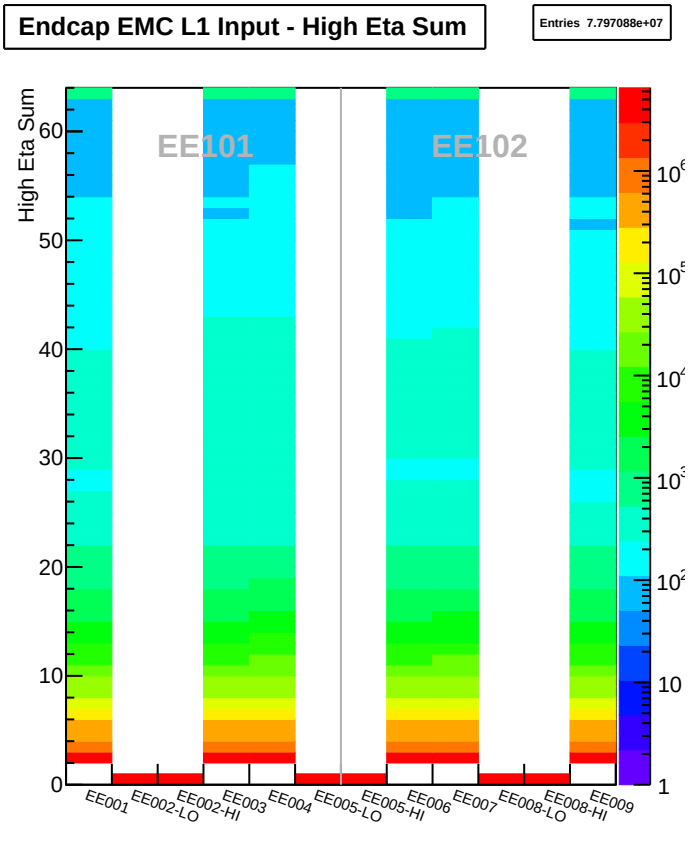

Barrel EMC L1 Input - High Tower Bits
Entries 225193
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

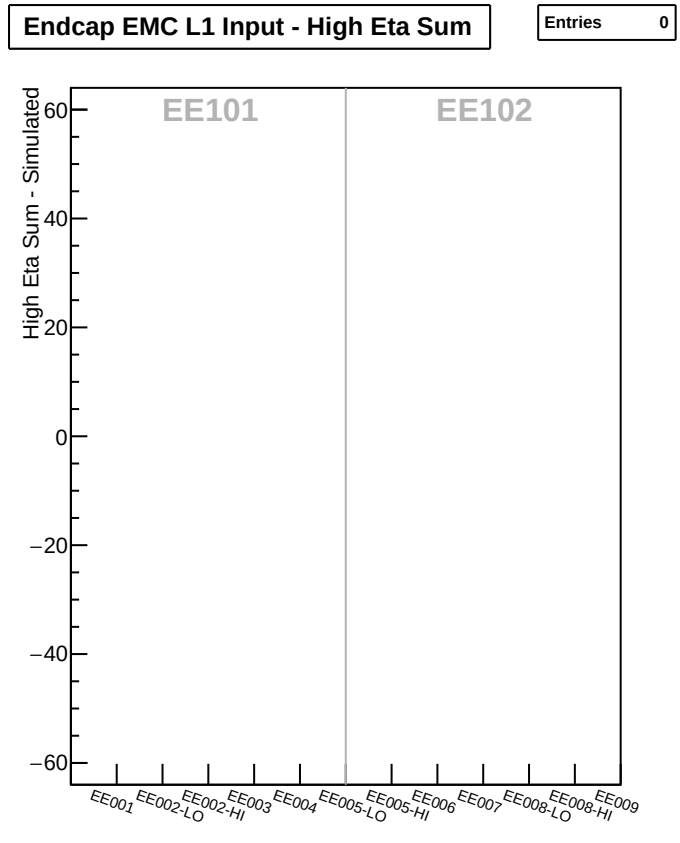

Barrel EMC L1 Input - HT.TP Bit
Entries 2.339126e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

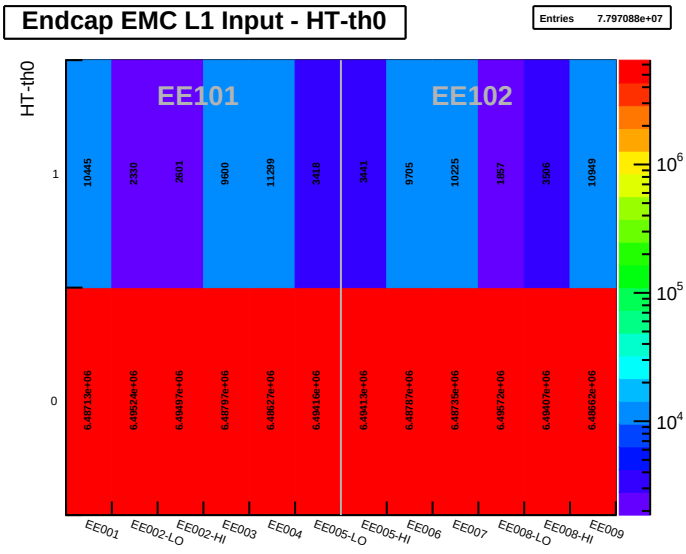

Barrel EMC L1 Input - High Tower Bits
Entries 223595
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

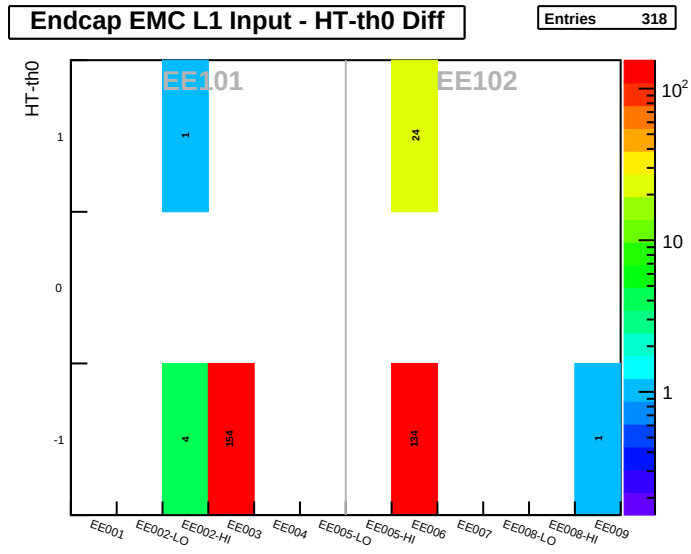

Endcap EMC L1 Input - Low Eta Sum
Entries 7.797088e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

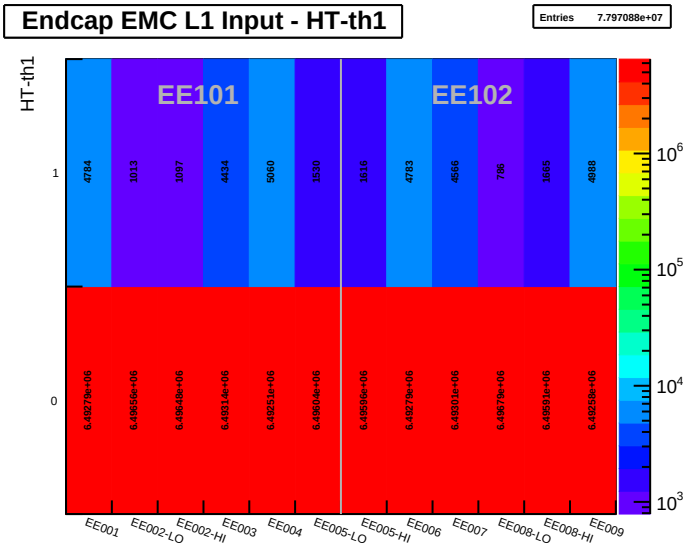

Endcap EMC L1 Input - Low Eta Sum
Entries 1609923
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

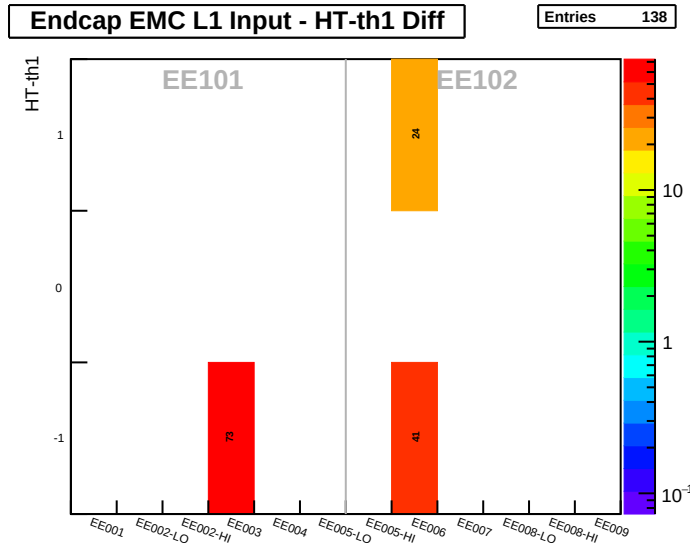

Endcap EMC L1 Input - High Eta Sum
Entries 7.797088e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

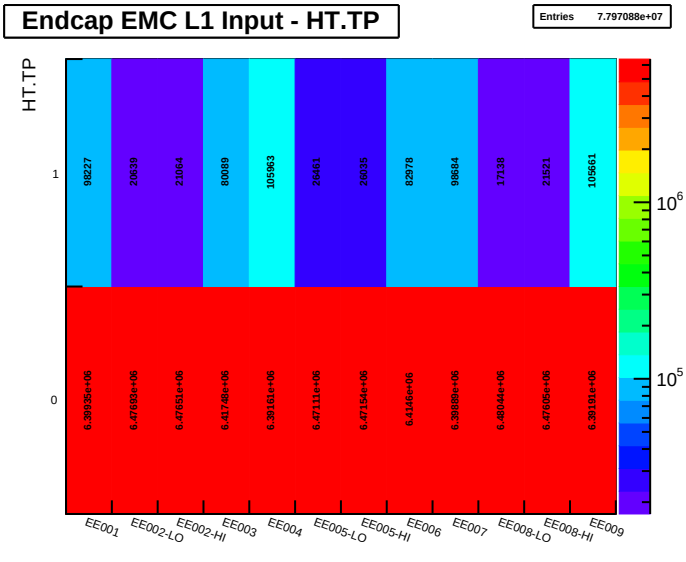

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

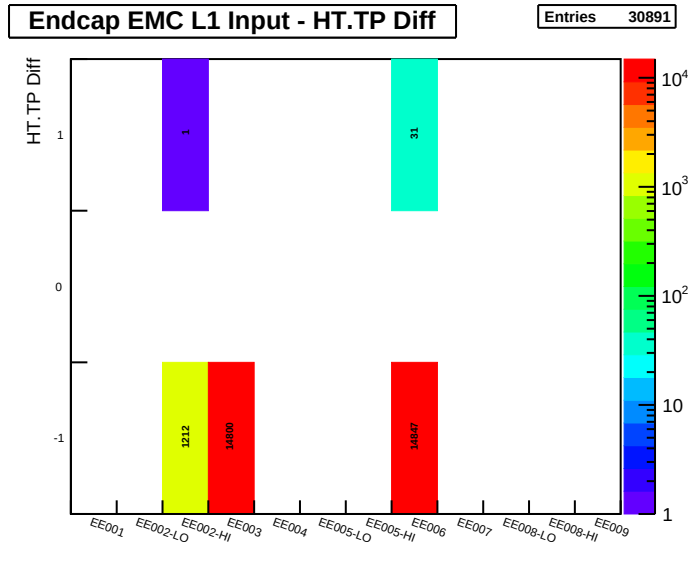

Endcap EMC L1 Input - HT-th0
Entries 7.797088e+07
HT-th0
EE101
EE102
10445 2330 2601 9600 11299 3418 3441 9705 10225 1857 3506 10949
6.49713e+06 6.49524e+06 6.49497e+06 6.49379e+06 6.48827e+06 6.49416e+06 6.49413e+06 6.49787e+06 6.49735e+06 6.49572e+06 6.49407e+06 6.48862e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

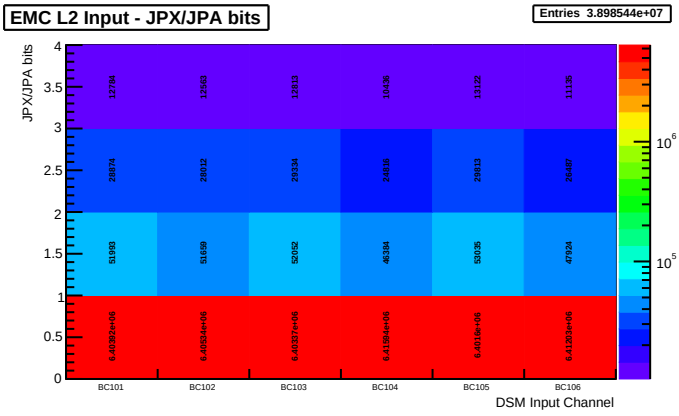

Endcap EMC L1 Input - HT-th0 Diff
Entries 318
HT-th0
EE101
EE102
1 24
4 154 134 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

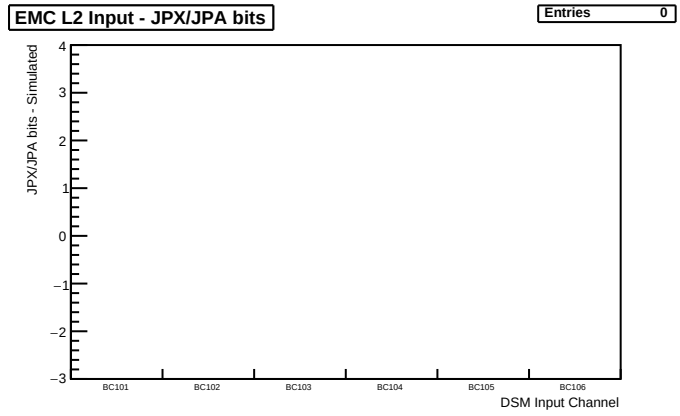

Endcap EMC L1 Input - HT-th1
Entries 7.797088e+07
HT-th1
EE101
EE102
4784 1013 1097 4434 5060 1530 1516 4783 4566 786 1665 4988
6.49279e+06 6.49556e+06 6.49648e+06 6.49314e+06 6.49251e+06 6.49604e+06 6.49556e+06 6.49279e+06 6.49301e+06 6.49679e+06 6.49591e+06 6.49258e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

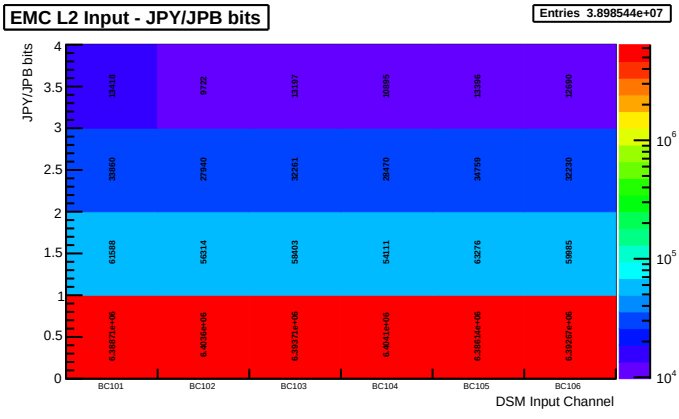

Endcap EMC L1 Input - HT-th1 Diff
Entries 138
HT-th1
EE101
EE102
24
73 41
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

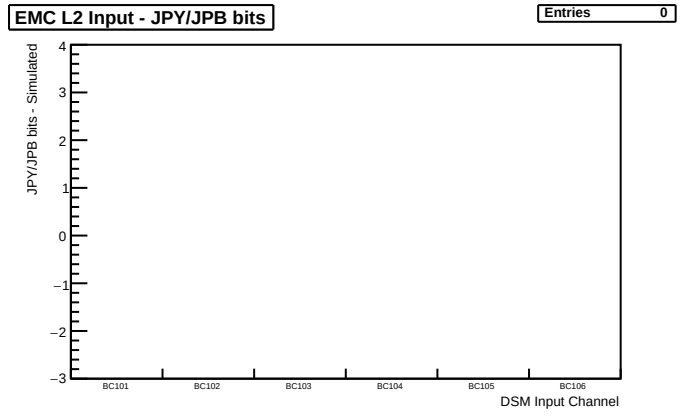

Endcap EMC L1 Input - HT.TP
Entries 7.797088e+07
HT.TP
98227 20639 21064 80089 105963 26461 26035 82978 98684 17138 21521 105661
6.39935e+06 6.47693e+06 6.47651e+06 6.41748e+06 6.39161e+06 6.47111e+06 6.47154e+06 6.4146e+06 6.39889e+06 6.48044e+06 6.47605e+06 6.39191e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

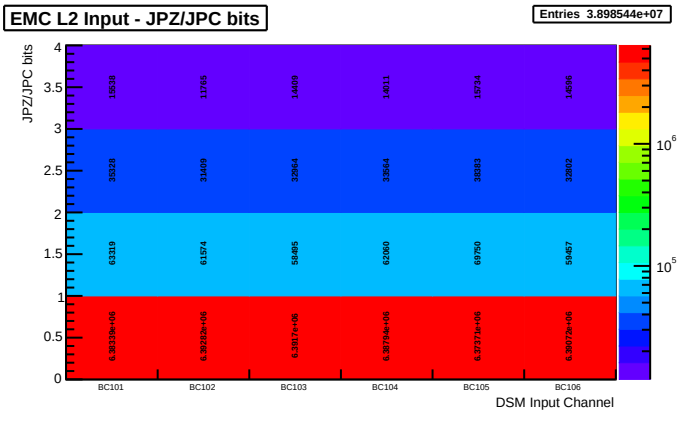

Endcap EMC L1 Input - HT.TP Diff
Entries 30891
HT.TP Diff
1 31
1212 14800 14847
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

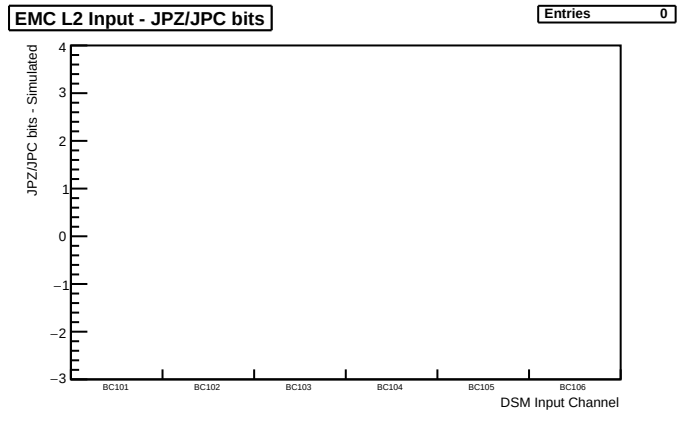

EMC L2 Input - JPX/JPA bits
Entries 3.898544e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12784
12563
12813
10436
13122
11135
28874
28012
29334
24816
29813
26497
51983
51659
52052
46394
53035
47924
6.40392e+06
6.40534e+06
6.40337e+06
6.41994e+06
6.4016e+06
6.41203e+06

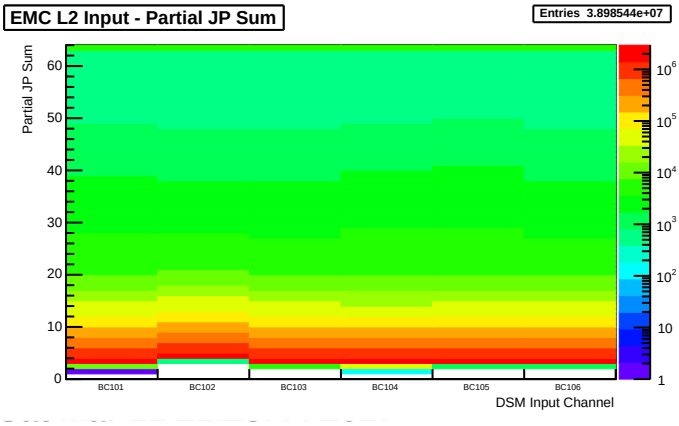

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

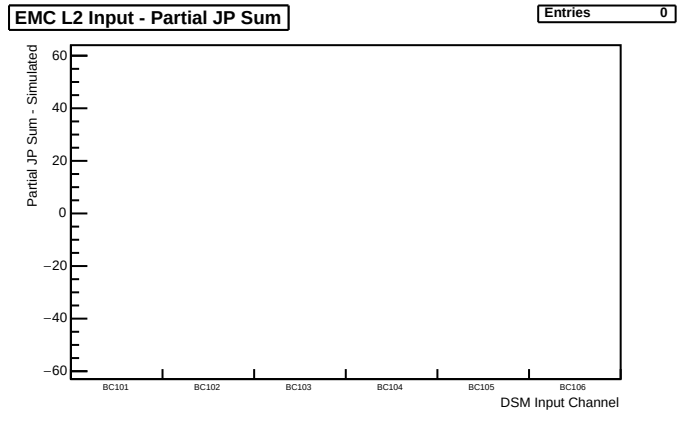

EMC L2 Input - JPY/JPB bits
Entries 3.898544e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13418
9722
13197
10995
13396
12690
33860
27940
32261
28470
34759
32230
61548
56314
59403
54111
63276
59995
6.38971e+06
6.4036e+06
6.39371e+06
6.4041e+06
6.38544e+06
6.39267e+06

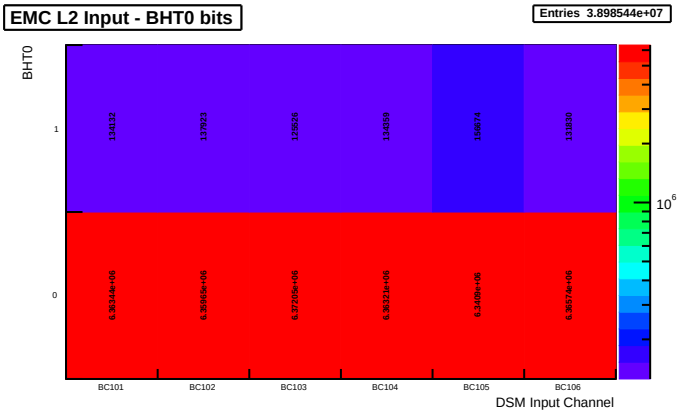

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

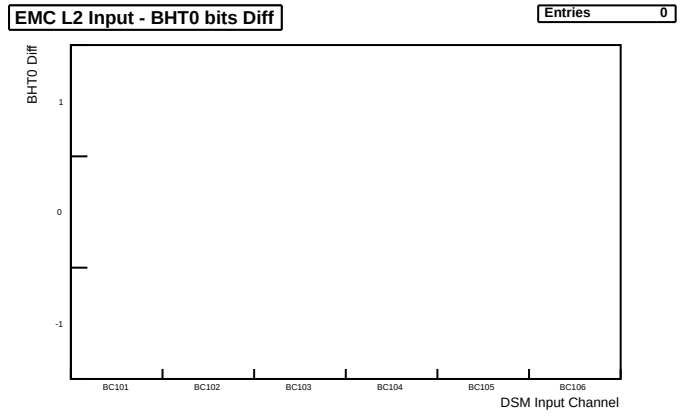

EMC L2 Input - JPZ/JPC bits
Entries 3.898544e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15538
11765
14409
14011
15734
14686
35328
31409
32864
33564
38383
32802
63319
61574
59495
62060
69750
59457
6.38339e+06
6.39292e+06
6.3917e+06
6.39794e+06
6.3737e+06
6.39072e+06

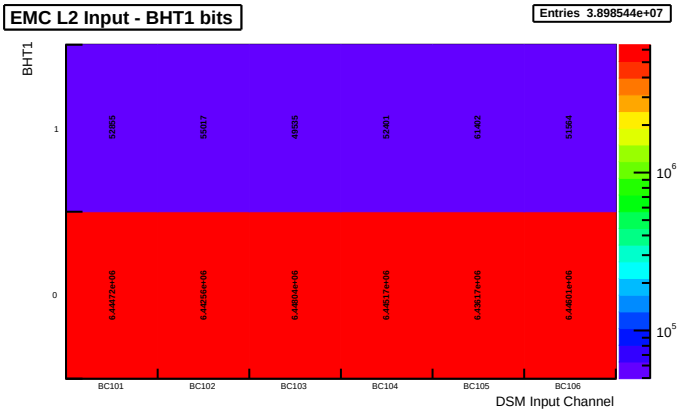

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

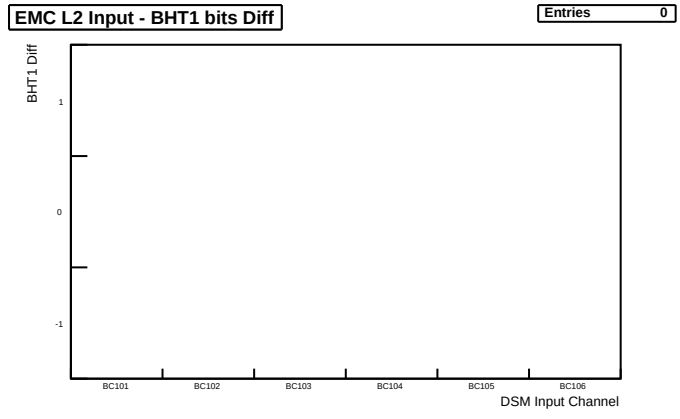

EMC L2 Input - Partial JP Sum
Entries 3.898544e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

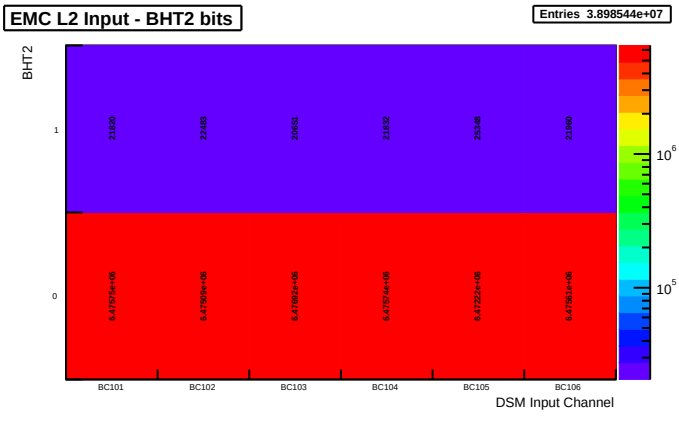

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

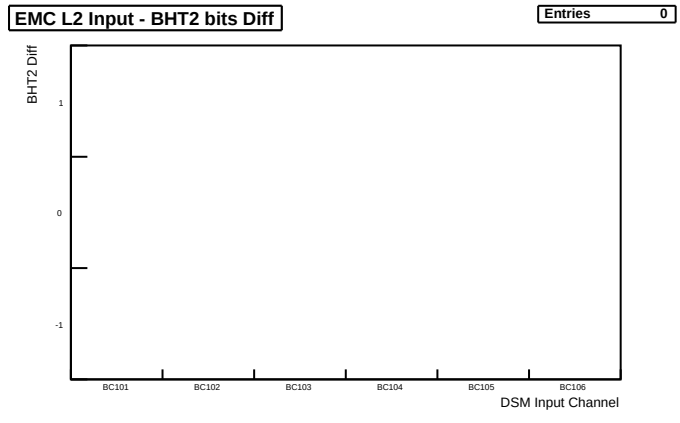

EMC L2 Input - BHT0 bits
Entries 3.898544e+07
BHT0
1
0
134132
137923
129526
134559
136674
131830
6.33344e+06
6.35965e+06
6.37205e+06
6.33231e+06
6.34094e+06
6.36574e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

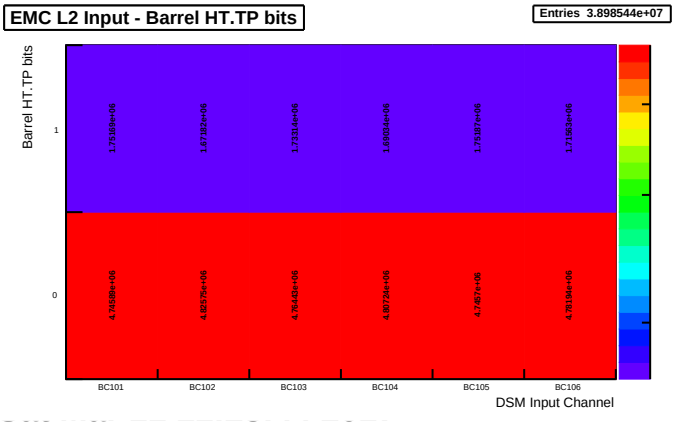

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

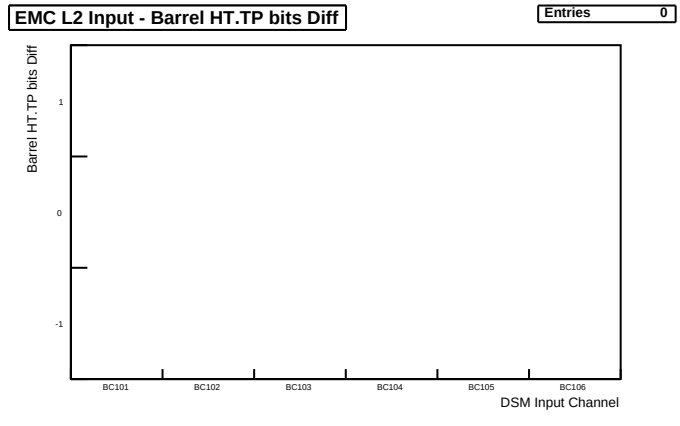

EMC L2 Input - BHT1 bits
Entries 3.898544e+07
BHT1
1
0
52865
55017
49535
52401
61402
51564
6.44172e+06
6.44256e+06
6.44804e+06
6.44517e+06
6.43517e+06
6.44601e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

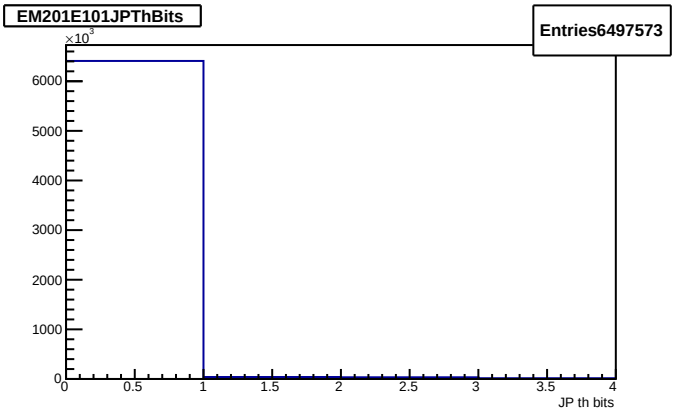

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

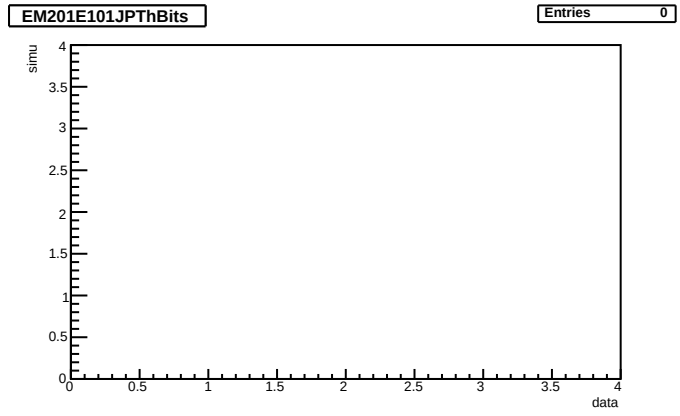

EMC L2 Input - BHT2 bits
Entries 3.898544e+07
BHT2
1
0
21320
22483
20531
21232
25348
21869
6.47575e+06
6.47559e+06
6.47682e+06
6.47574e+06
6.47222e+06
6.47561e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

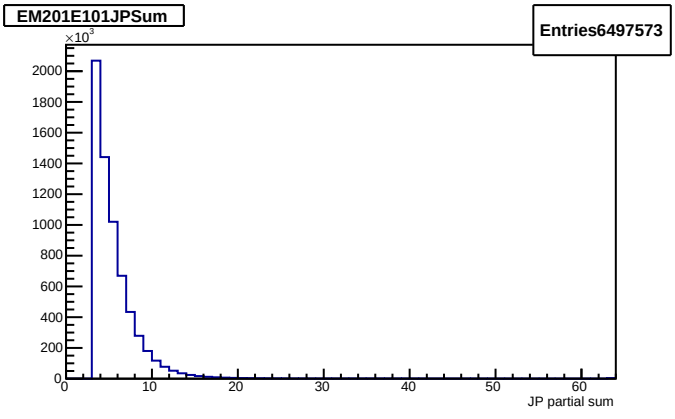

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

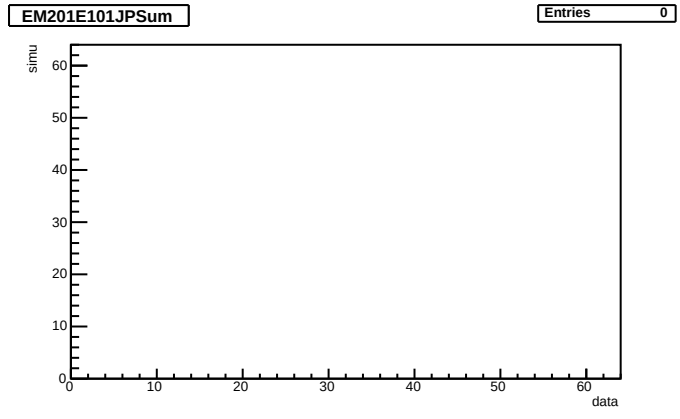

EMC L2 Input - Barrel HT.TP bits
Entries 3.898544e+07
Barrel HT.TP bits
1
0
1.75169e+06
1.67192e+06
1.72314e+06
1.69034e+06
1.75197e+06
1.71553e+06
4.74588e+06
4.82575e+06
4.76443e+06
4.80724e+06
4.74574e+06
4.78194e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

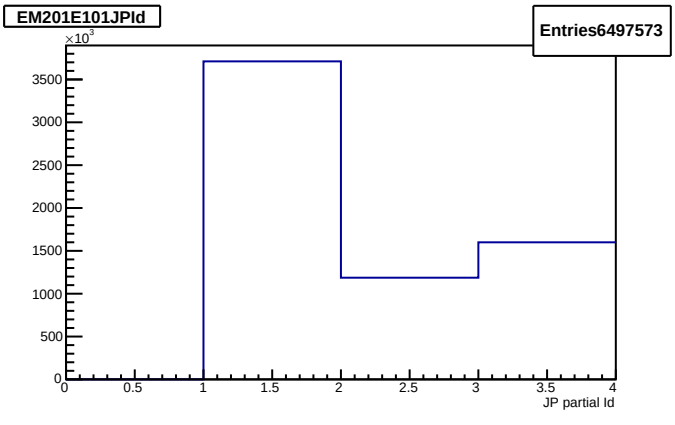

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

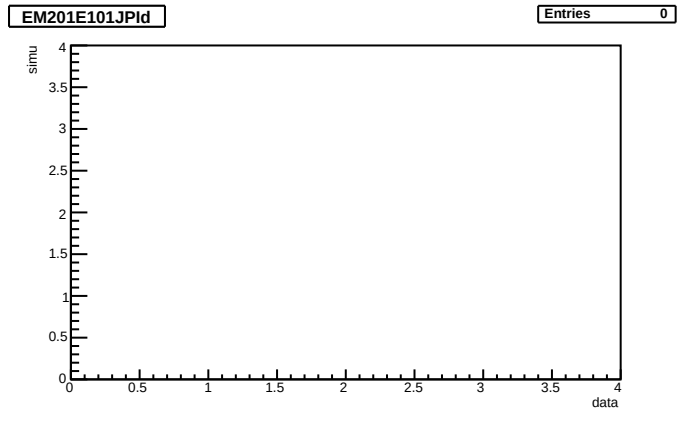

EM201E101JPThBits
Entries6497573
×10^3
JP th bits

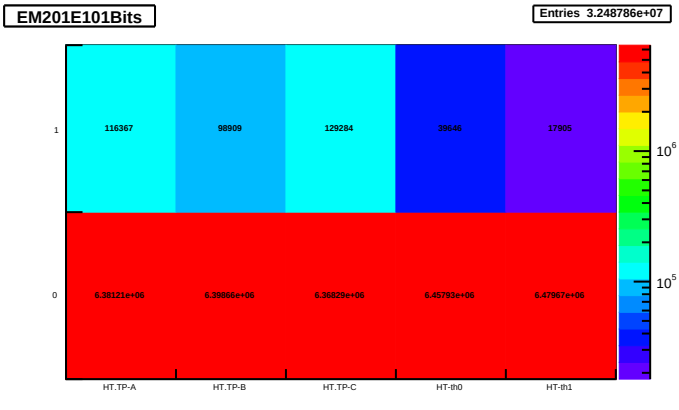

EM201E101JPThBits
Entries 0
simu
data

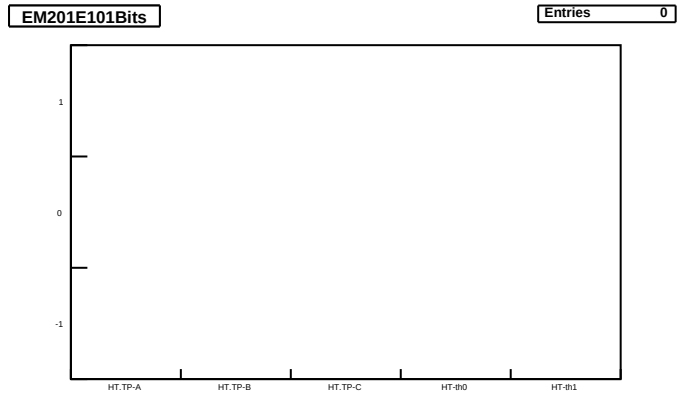

EM201E101JPSum
Entries6497573
×10^3
JP partial sum

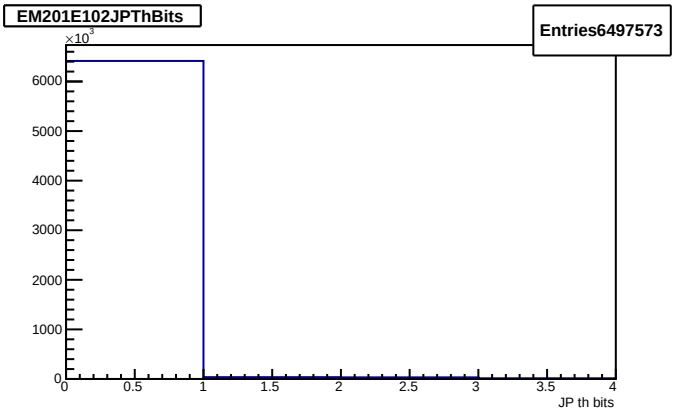

EM201E101JPSum
Entries 0
simu
data

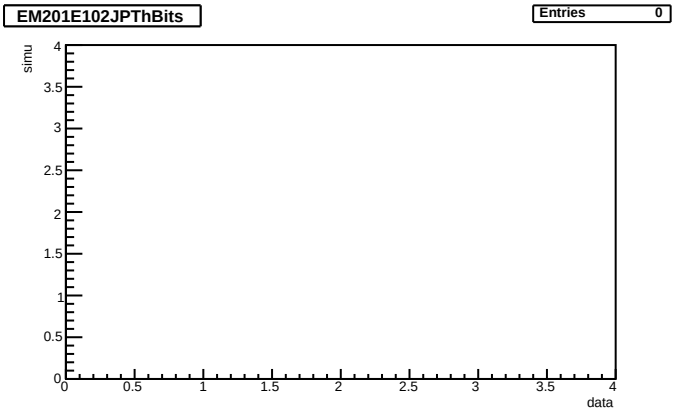

EM201E101JPId
Entries6497573
×10^3
JP partial Id

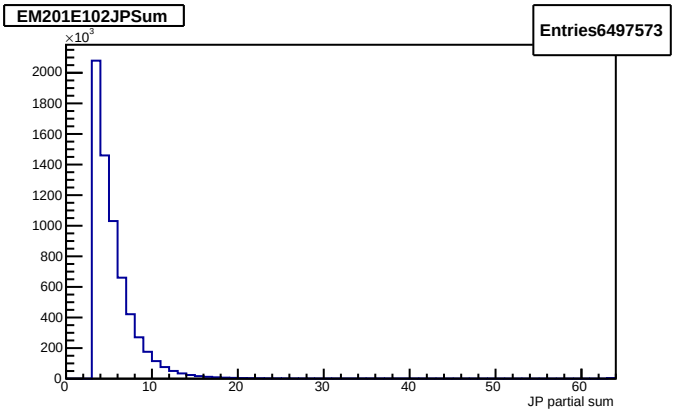

EM201E101JPId
Entries 0
simu
data

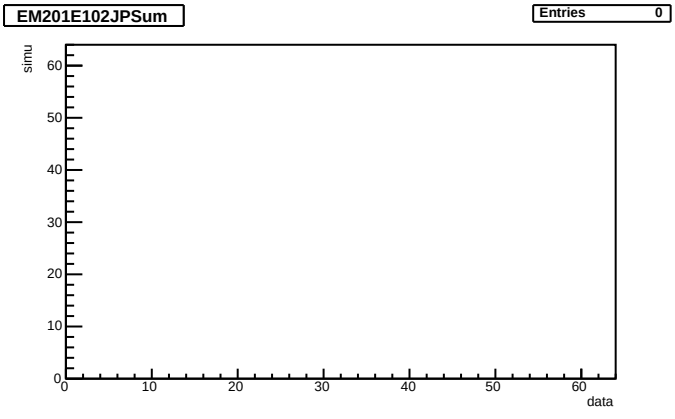

EM201E101Bits
Entries 3.248786e+07
116367
98909
129284
39646
17905
6.38121e+06
6.39866e+06
6.36829e+06
6.45793e+06
6.47967e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

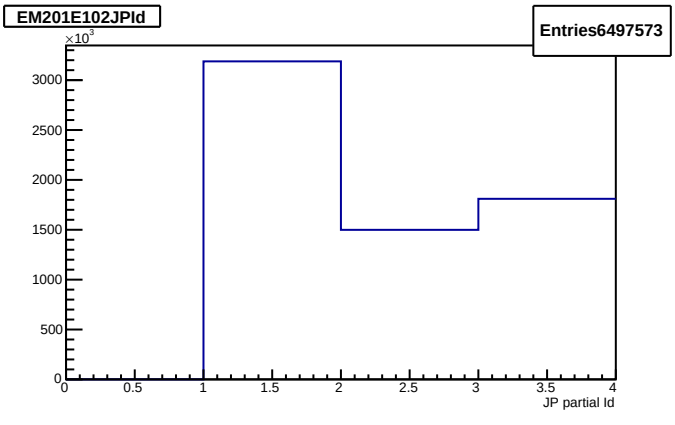

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

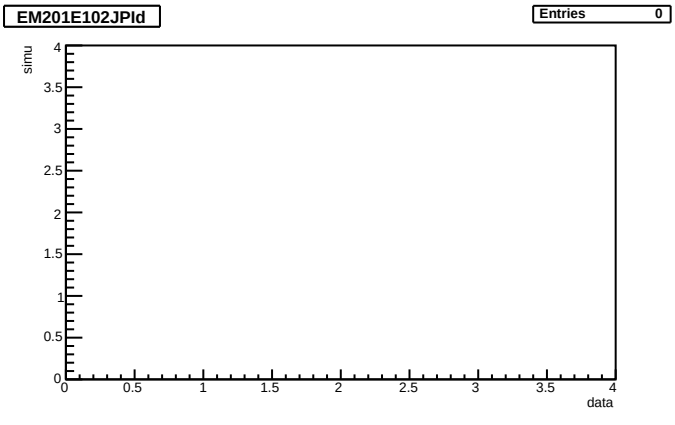

EM201E102JPThBits
Entries6497573
×10^3
JP th bits

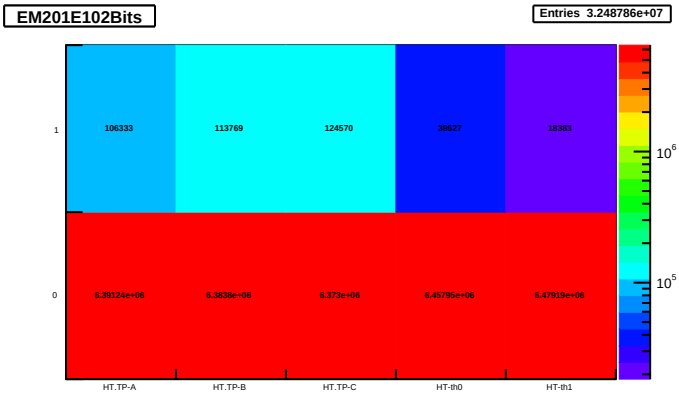

EM201E102JPThBits
Entries 0
simu
data

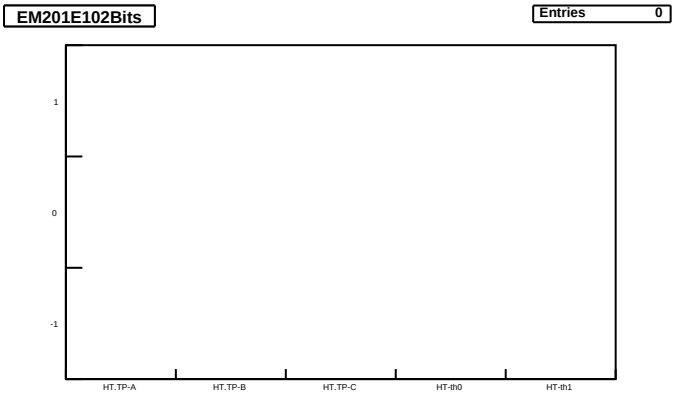

EM201E102JPSum
Entries6497573
×10^3
JP partial sum

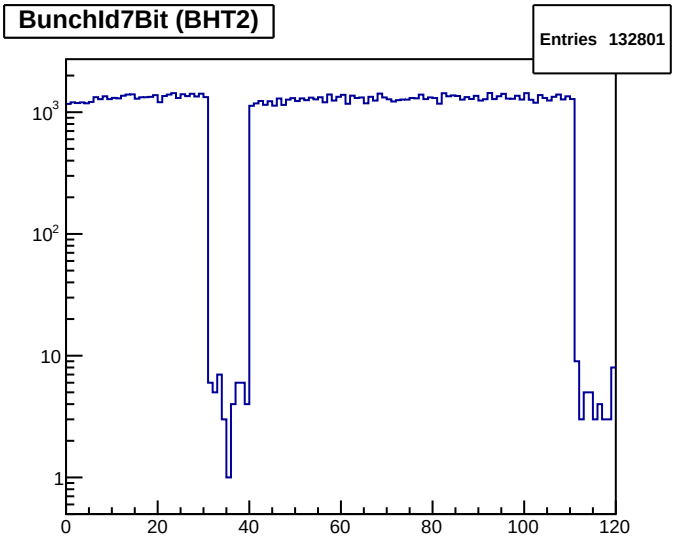

EM201E102JPSum
Entries 0
simu
data

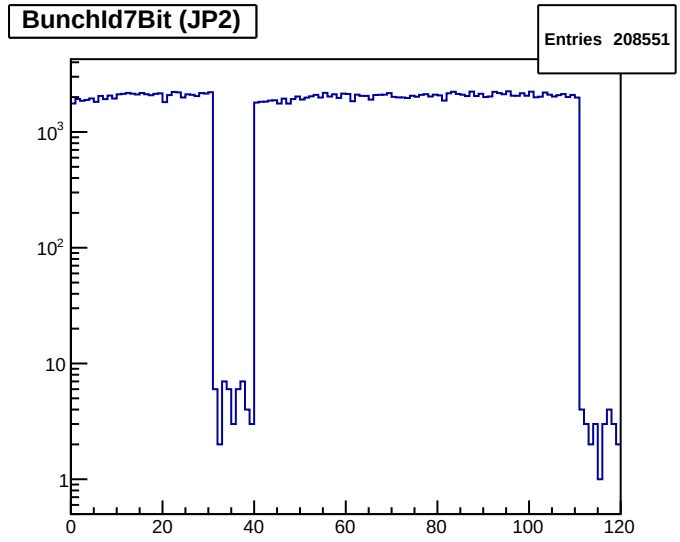

EM201E102JPId
Entries6497573
×10^3
JP partial Id

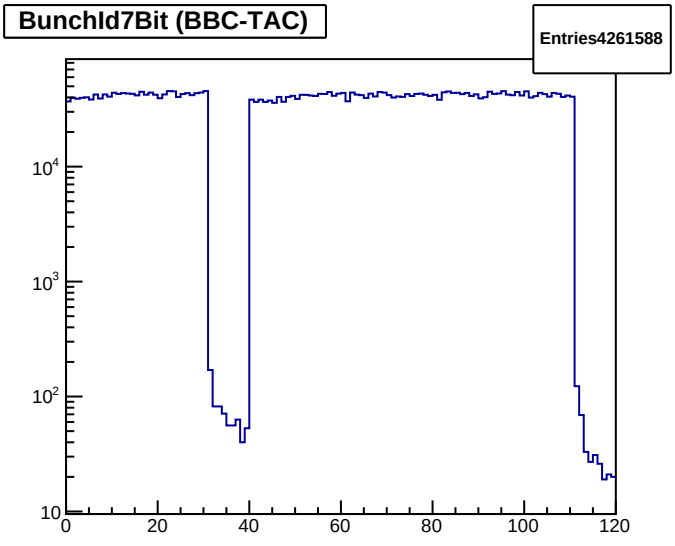

EM201E102JPId
Entries 0
simu
data

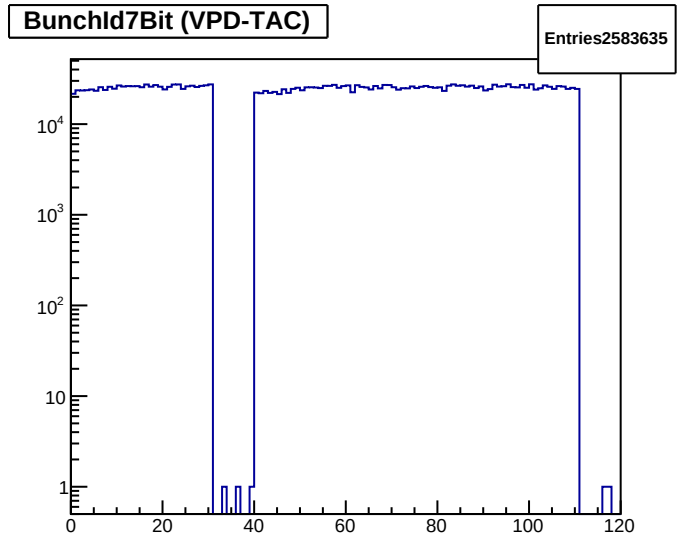

EM201E102Bits
Entries 3.248786e+07
106333
113769
124570
39627
18383
6.39124e+06
6.3838e+06
6.373e+06
6.45795e+06
6.47919e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

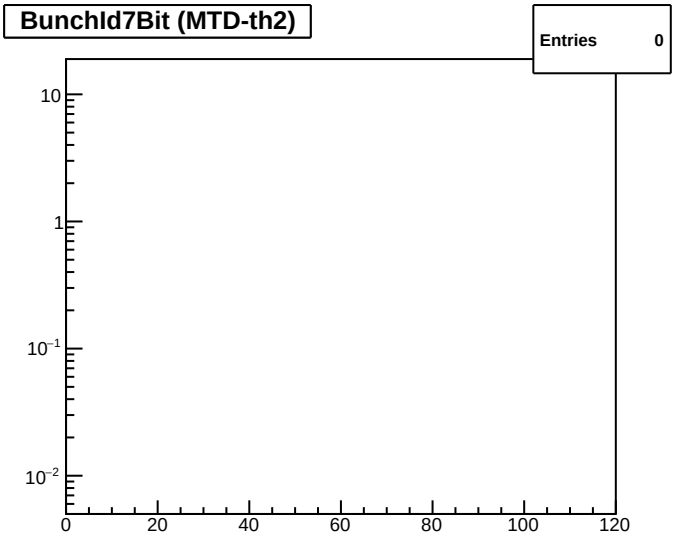

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

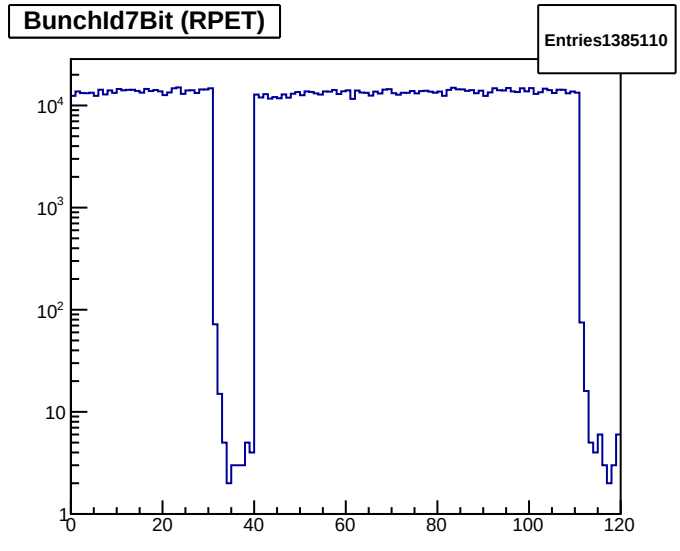

BunchId7Bit (BHT2)
Entries 132801

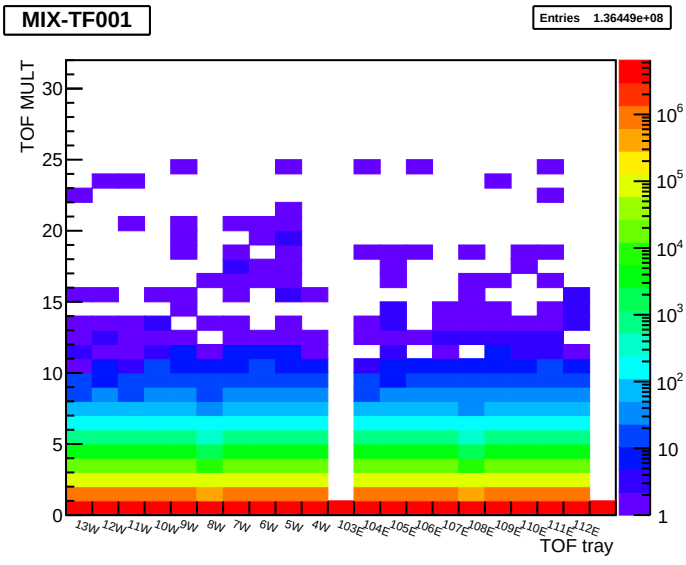

BunchId7Bit (JP2)
Entries 208551

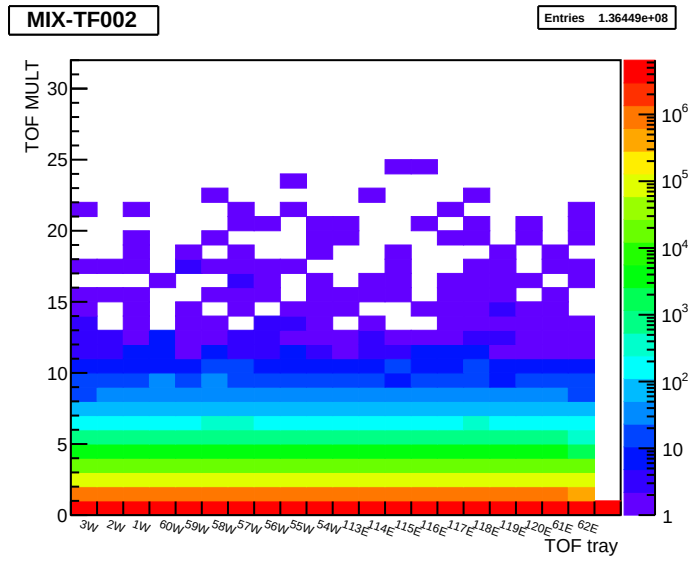

BunchId7Bit (BBC-TAC)
Entries4261588

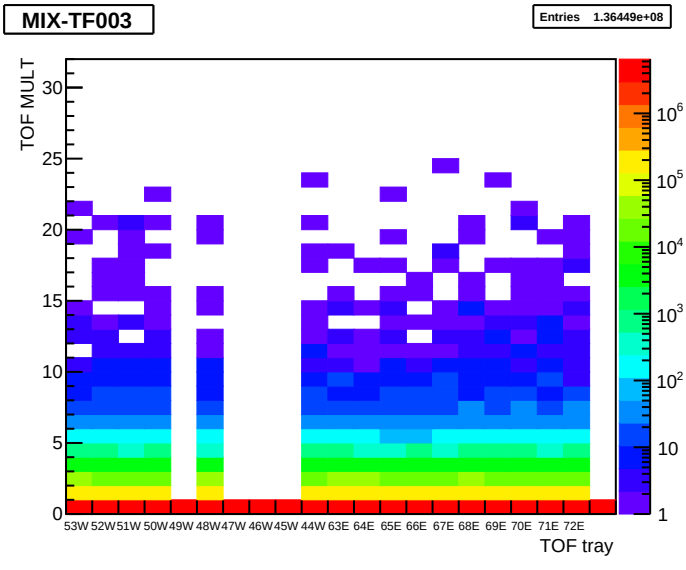

BunchId7Bit (VPD-TAC)
Entries2583635

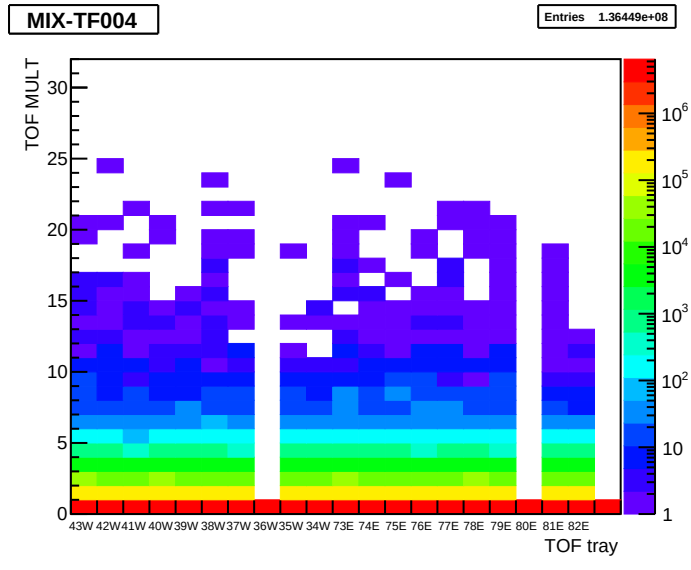

BunchId7Bit (MTD-th2)
Entries 0

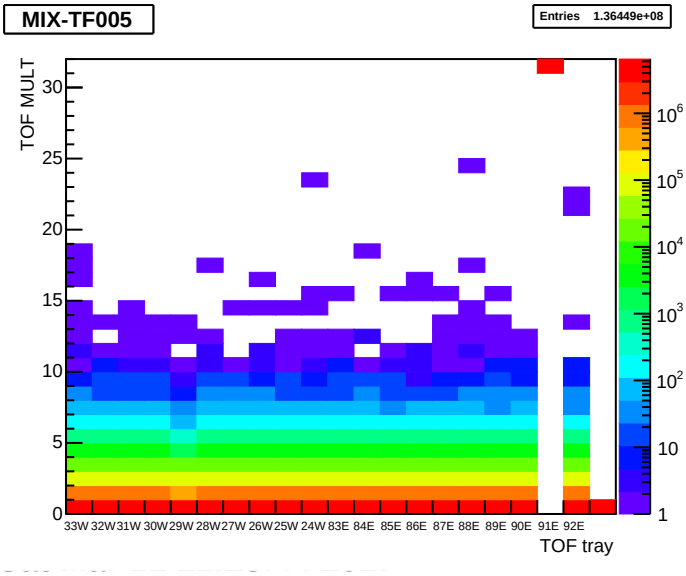

BunchId7Bit (RPET)
Entries1385110

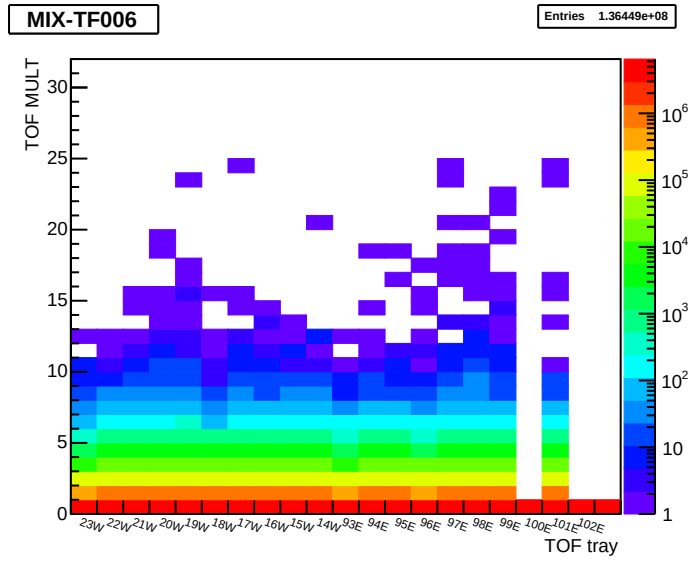

MIX-TF001
Entries 1.36449e+08
TOF MULT
TOF tray

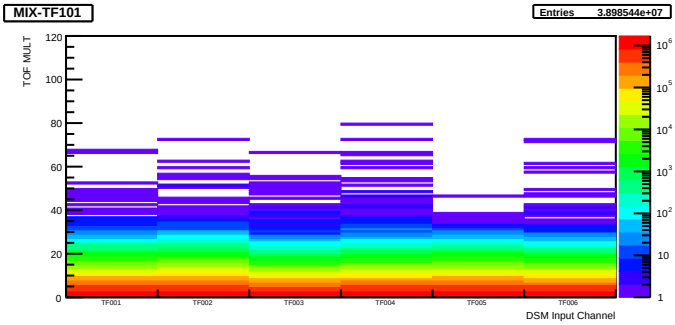

MIX-TF002
Entries 1.36449e+08
TOF MULT
TOF tray

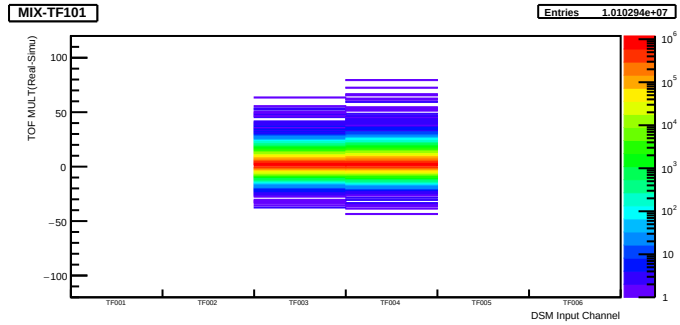

MIX-TF003
Entries 1.36449e+08
TOF MULT
TOF tray

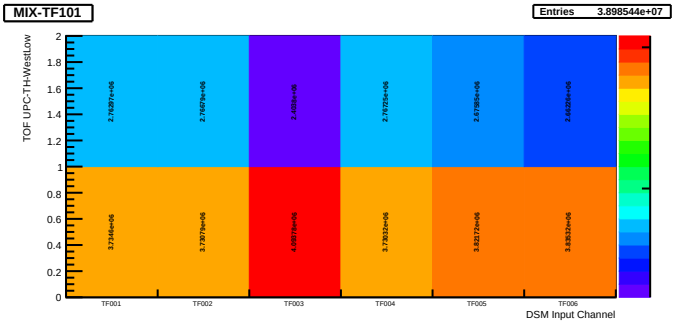

MIX-TF004
Entries 1.36449e+08
TOF MULT
TOF tray

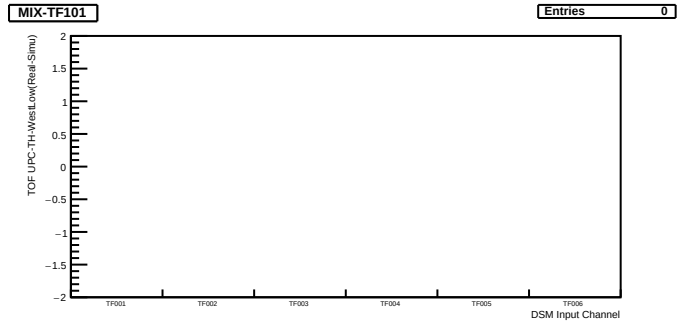

MIX-TF005
Entries 1.36449e+08
TOF MULT
TOF tray

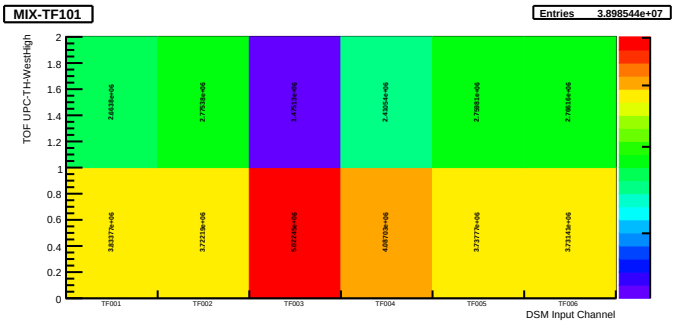

MIX-TF006
Entries 1.36449e+08
TOF MULT
TOF tray

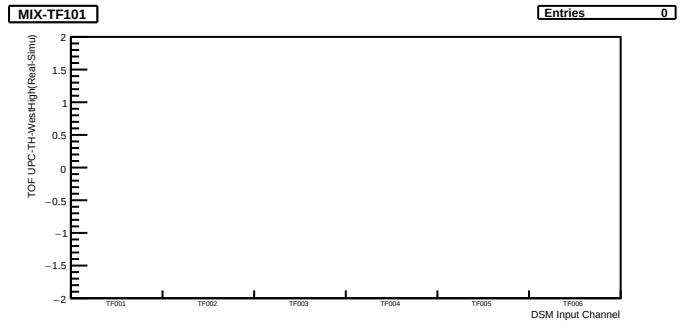

MIX-TF101
Entries 3.898544e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

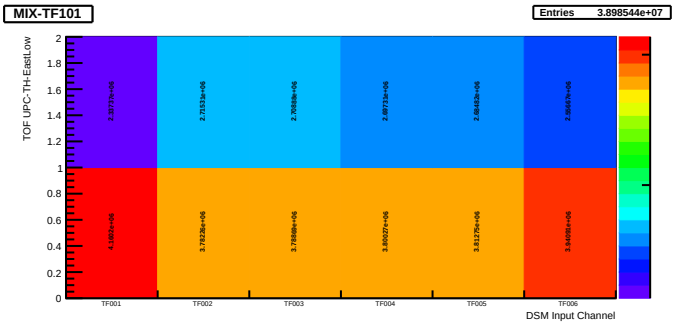

MIX-TF101
Entries 1.010294e+07
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

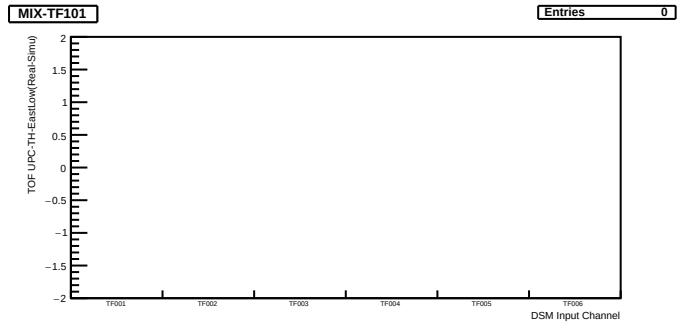

MIX-TF101
Entries 3.898544e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

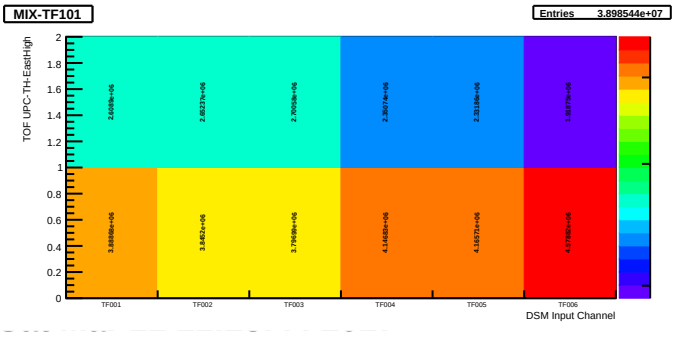

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

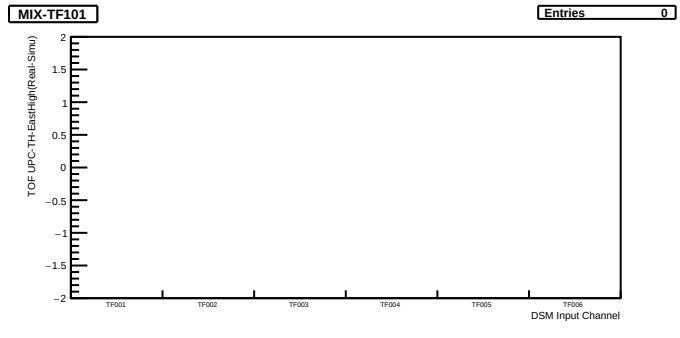

MIX-TF101
Entries 3.898544e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

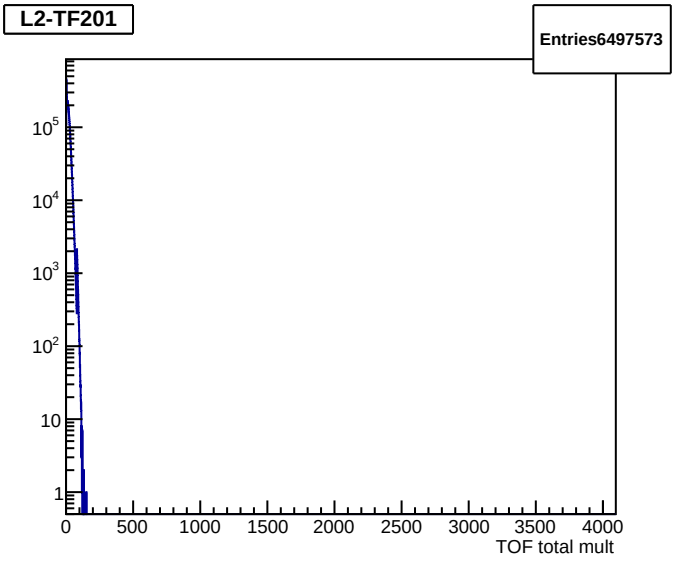

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

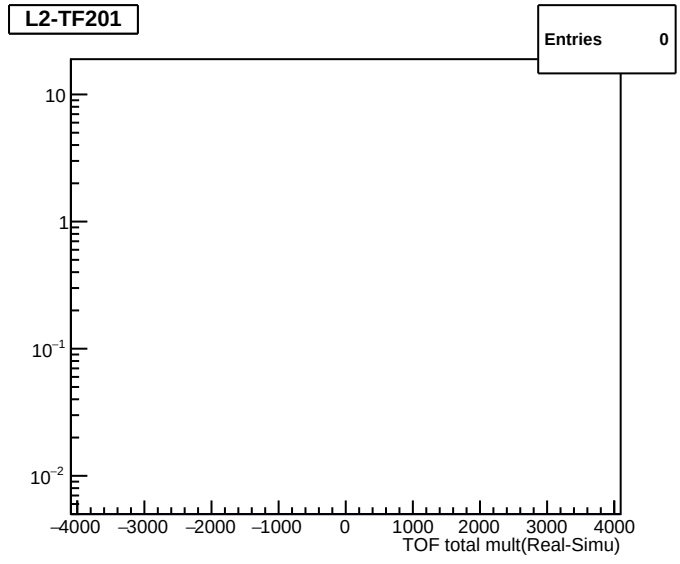

MIX-TF101
Entries 3.898544e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

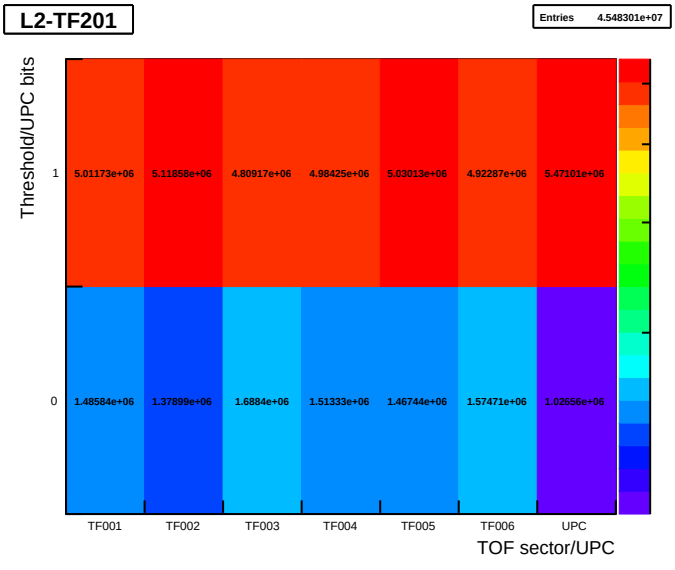

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

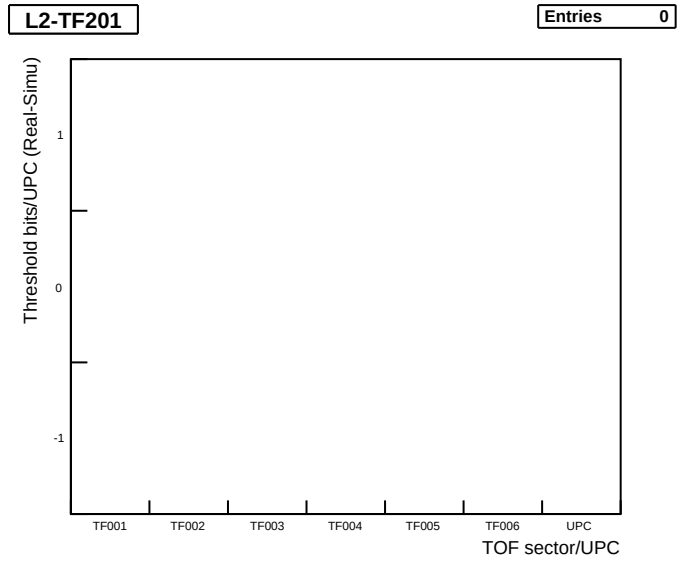

MIX-TF101
Entries 3.898544e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

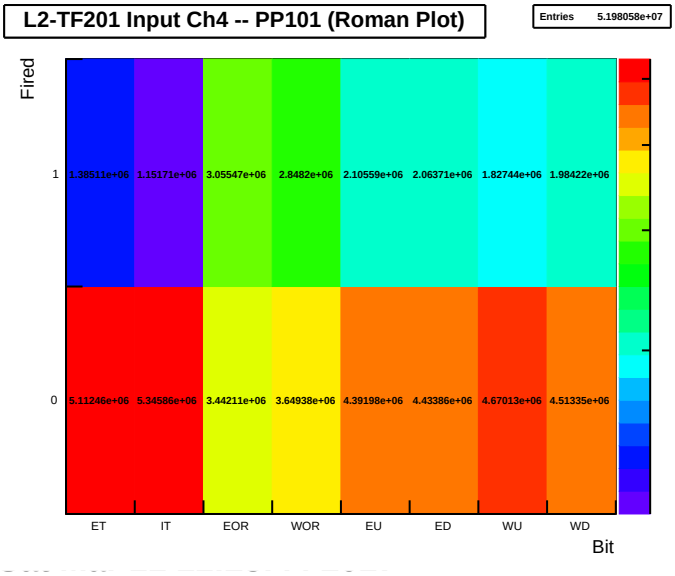

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

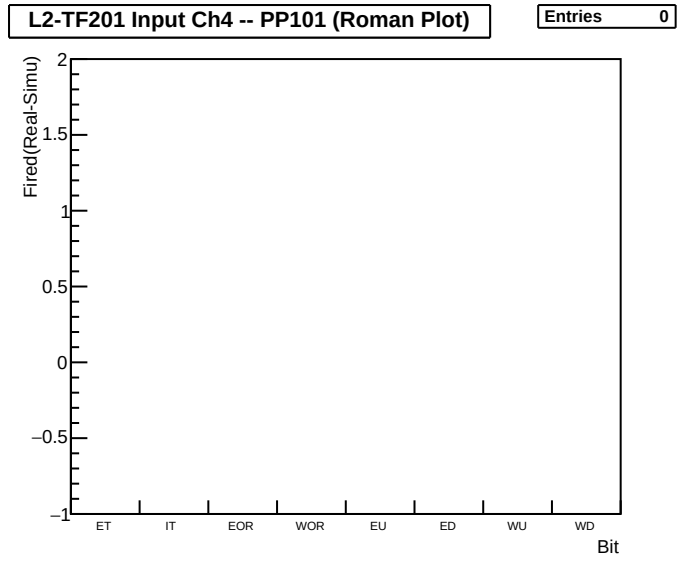

L2-TF201
Entries6497573
TOF total mult

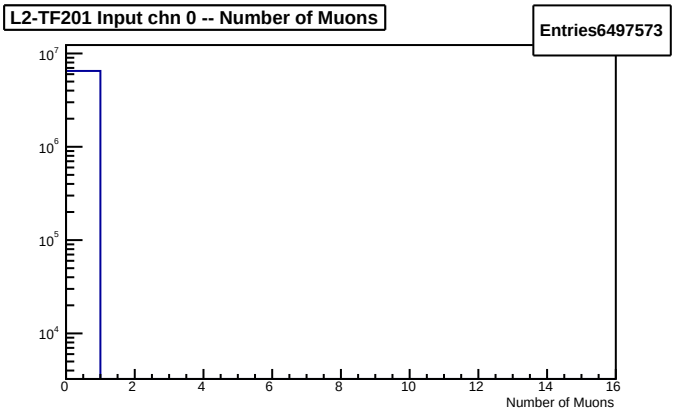

L2-TF201
Entries 0
TOF total mult(Real-Simu)

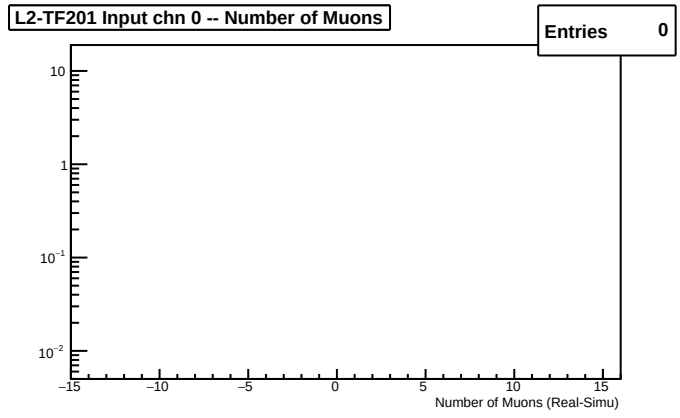

L2-TF201
Entries 4.548301e+07
Threshold/UPC bits
5.01173e+06
5.11858e+06
4.80917e+06
4.98425e+06
5.03013e+06
4.92287e+06
5.47101e+06
1.48584e+06
1.37899e+06
1.6884e+06
1.51333e+06
1.46744e+06
1.57471e+06
1.02656e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

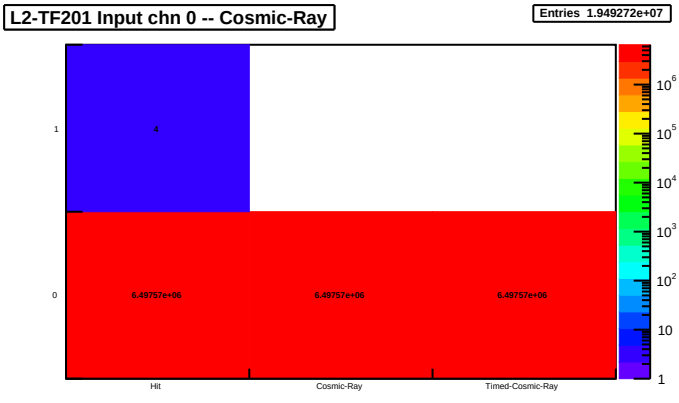

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

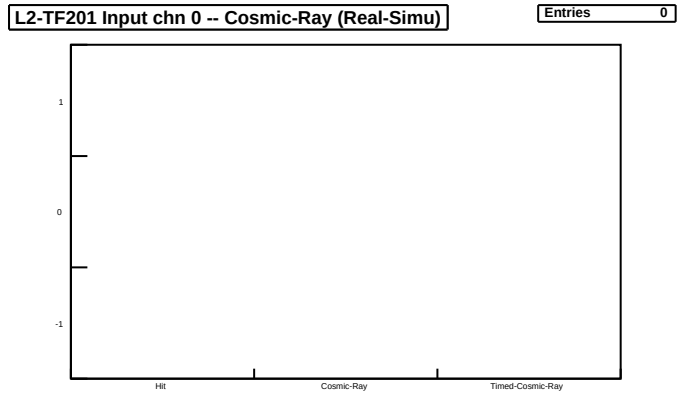

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.198058e+07
Fired
1.38511e+06
1.15171e+06
3.05547e+06
2.8482e+06
2.10559e+06
2.06371e+06
1.82744e+06
1.98422e+06
5.11246e+06
5.34586e+06
3.44211e+06
3.64938e+06
4.39198e+06
4.43386e+06
4.67013e+06
4.51335e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

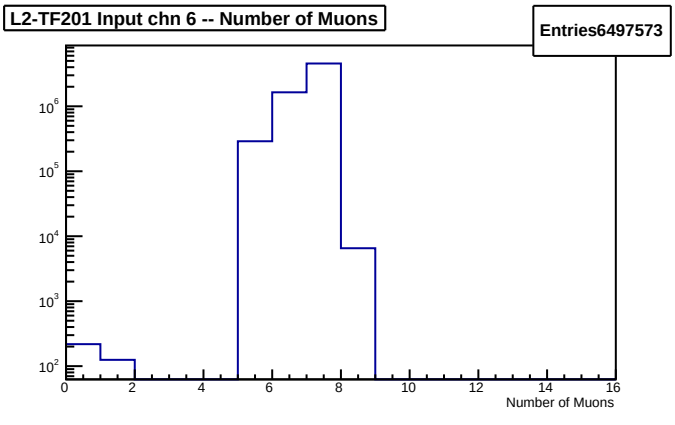

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

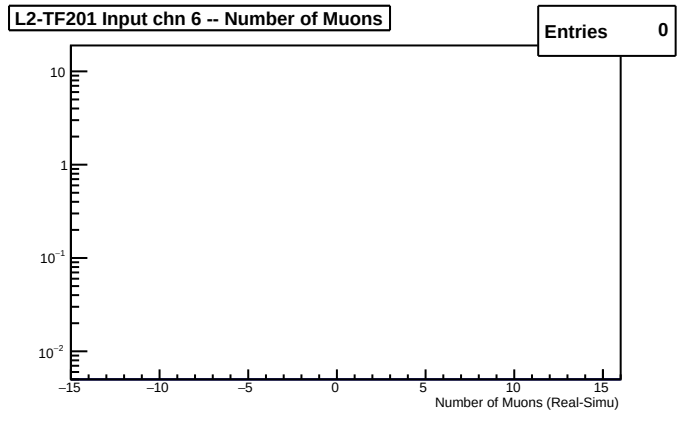

L2-TF201 Input chn 0 -- Number of Muons
Entries6497573
Number of Muons

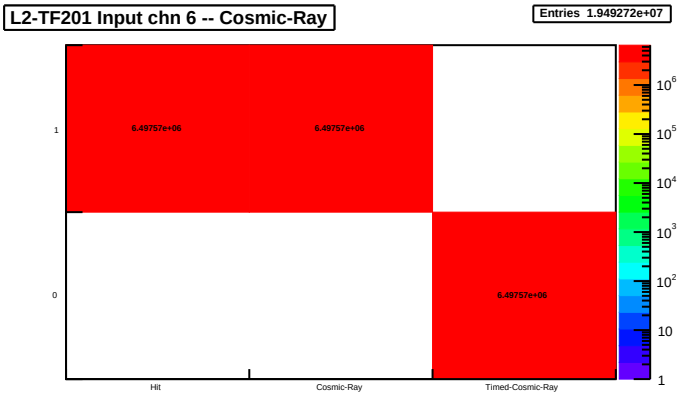

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

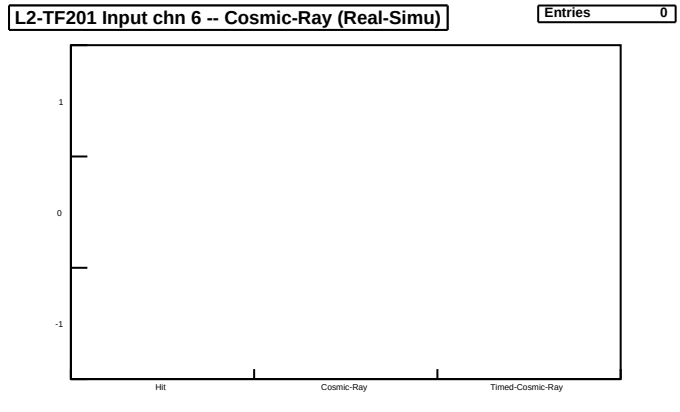

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.949272e+07
4
6.49757e+06
6.49757e+06
6.49757e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

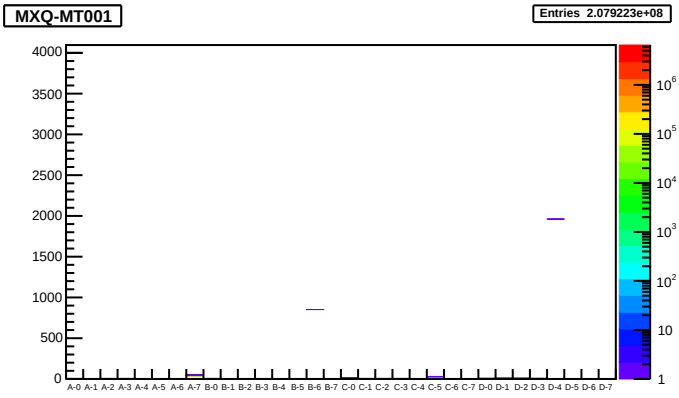

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

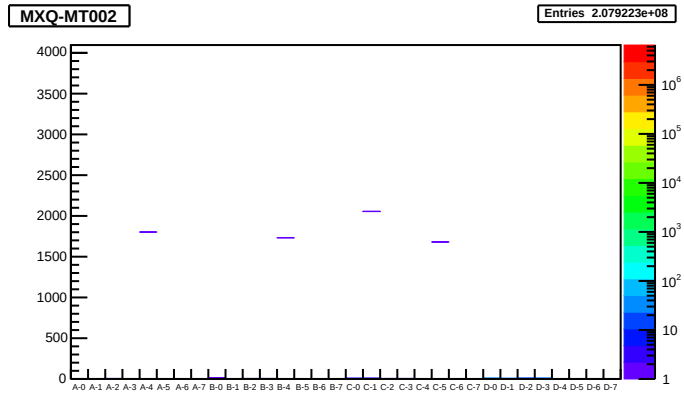

L2-TF201 Input chn 6 -- Number of Muons
Entries6497573
Number of Muons

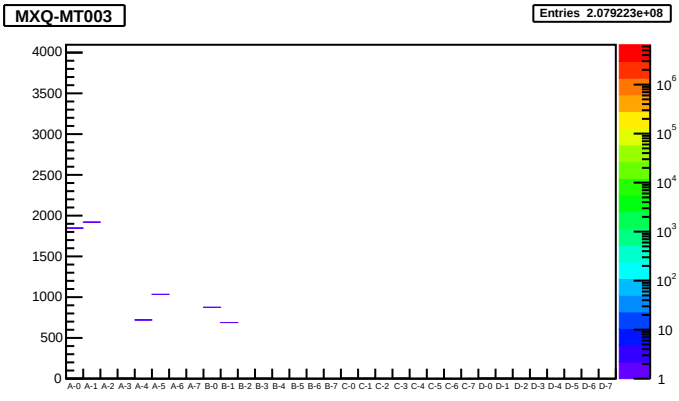

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

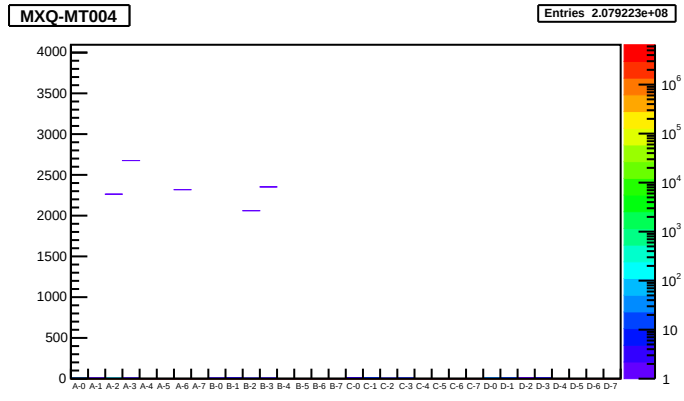

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 1.949272e+07
6.49757e+06
6.49757e+06
6.49757e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

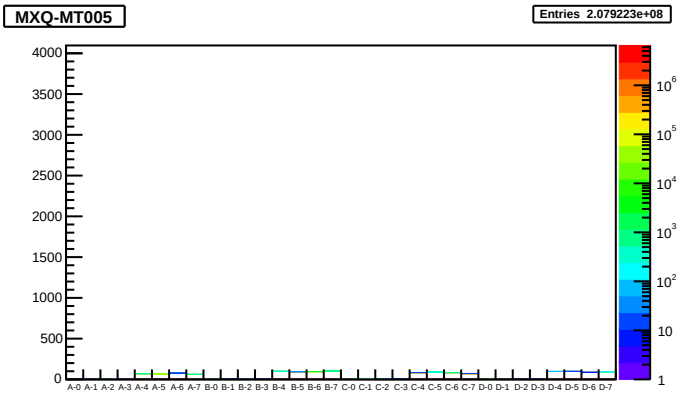

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

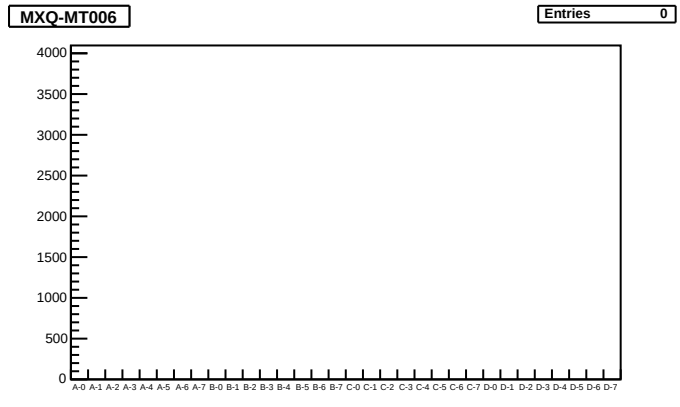

MXQ-MT001
Entries 2.079223e+08

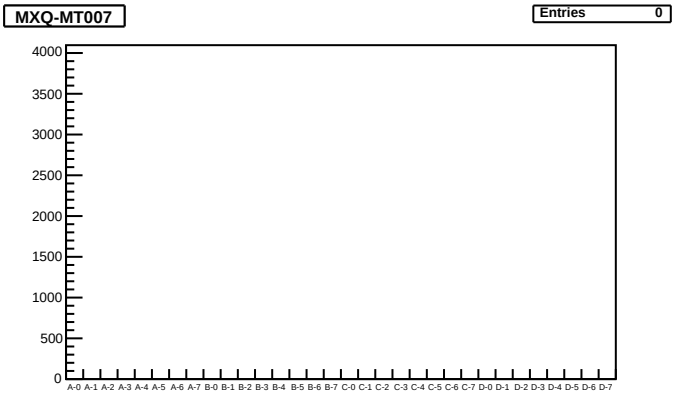

MXQ-MT002
Entries 2.079223e+08

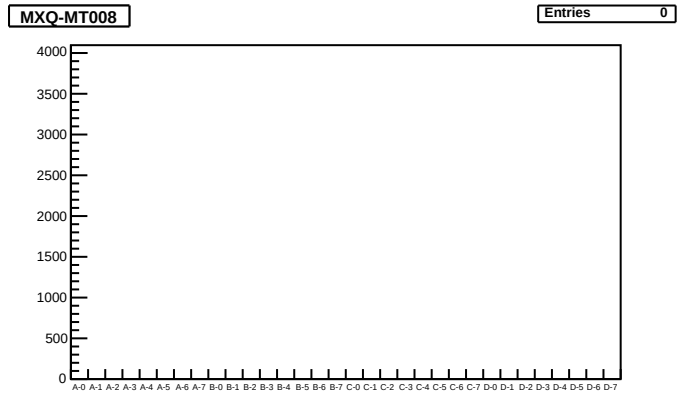

MXQ-MT003
Entries 2.079223e+08

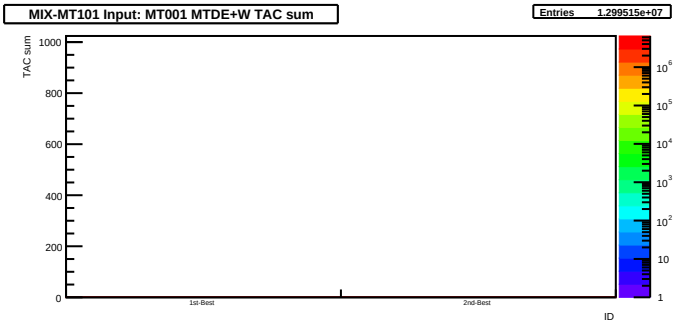

MXQ-MT004
Entries 2.079223e+08

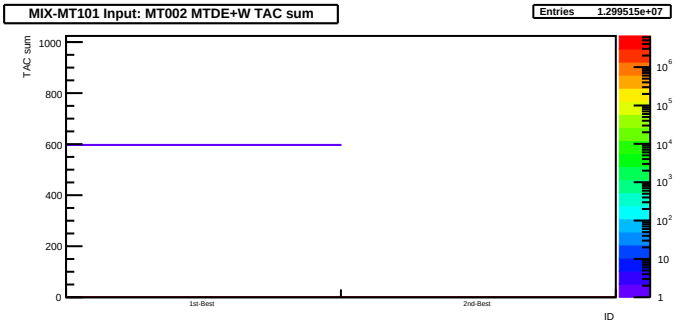

MXQ-MT005
Entries 2.079223e+08

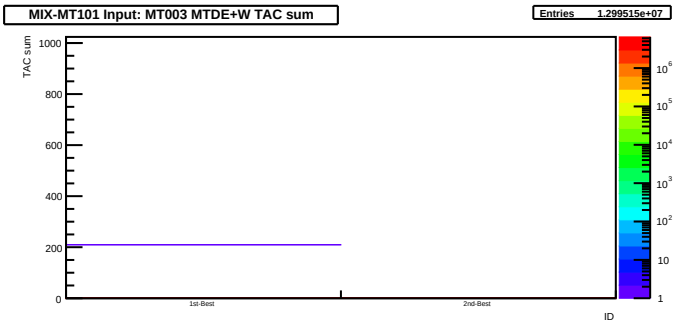

MXQ-MT006
Entries 0

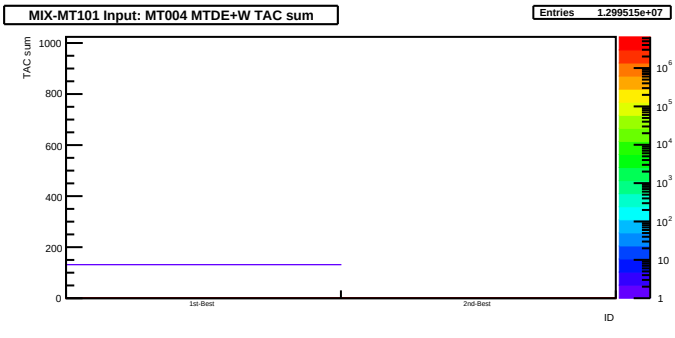

MXQ-MT007
Entries 0

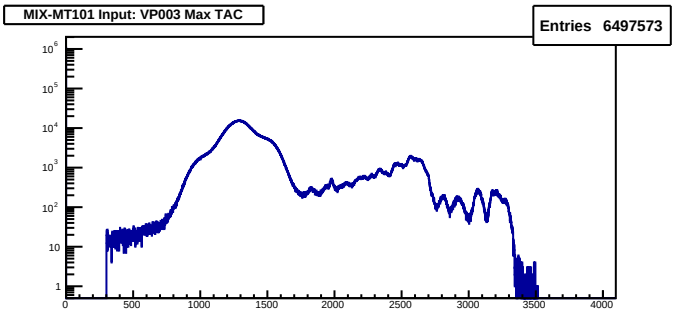

MXQ-MT008
Entries 0

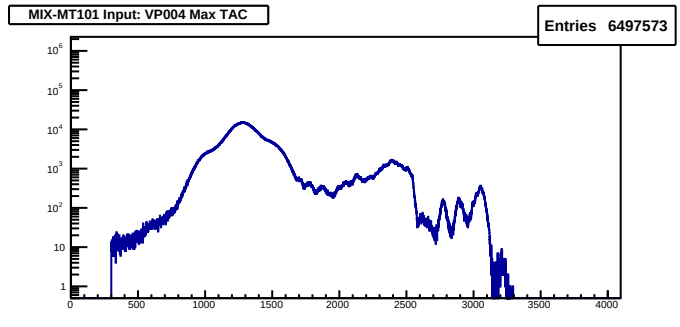

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.299515e+07
TAC sum
1st-Best
2nd-Best
ID

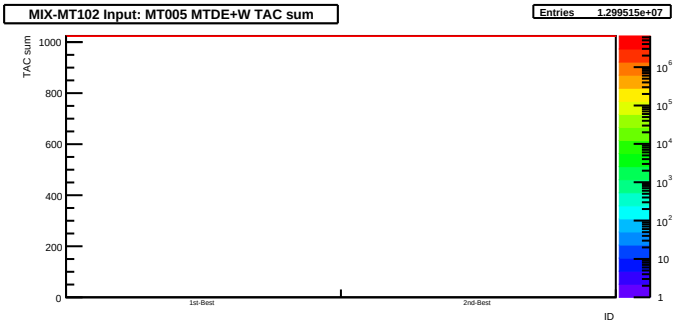

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.299515e+07
TAC sum
1st-Best
2nd-Best
ID

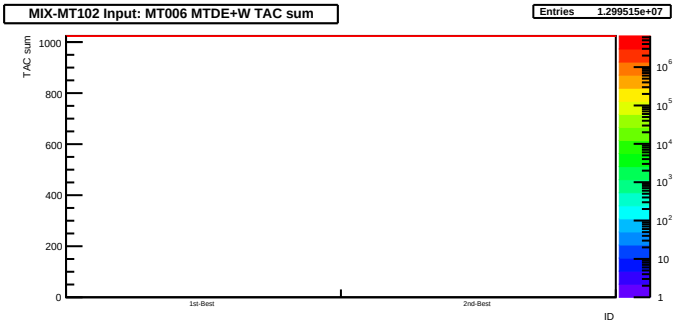

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.299515e+07
TAC sum
1st-Best
2nd-Best
ID

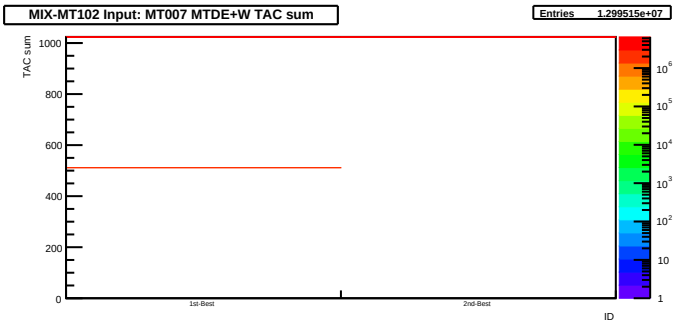

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.299515e+07
TAC sum
1st-Best
2nd-Best
ID

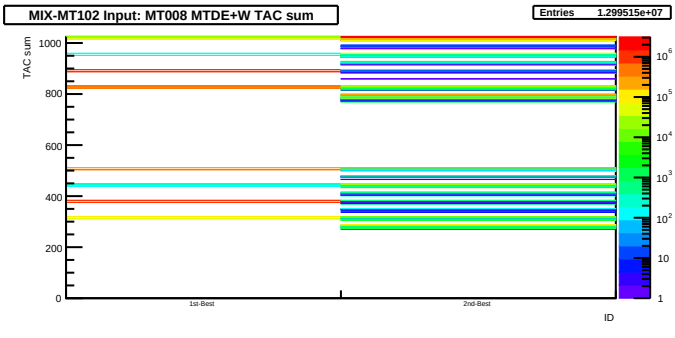

MIX-MT101 Input: VP003 Max TAC
Entries 6497573

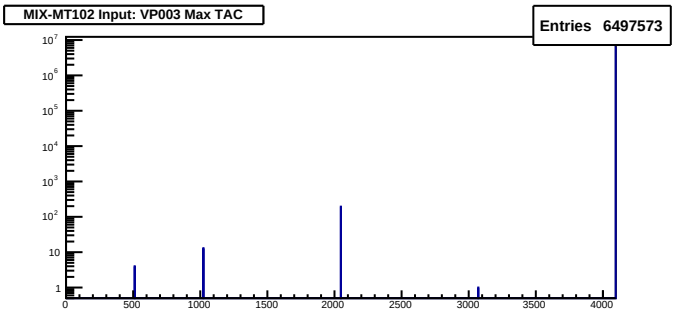

MIX-MT101 Input: VP004 Max TAC
Entries 6497573

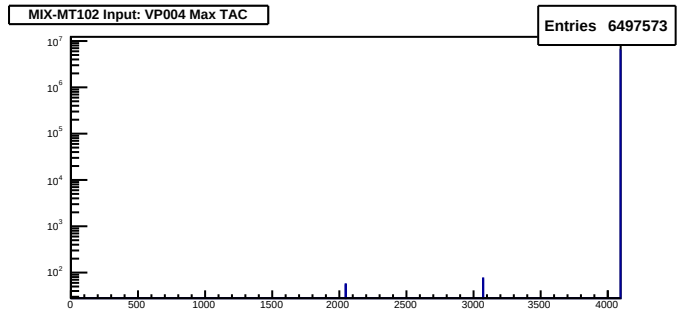

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 1.299515e+07
TAC sum
1st-Best
2nd-Best
ID

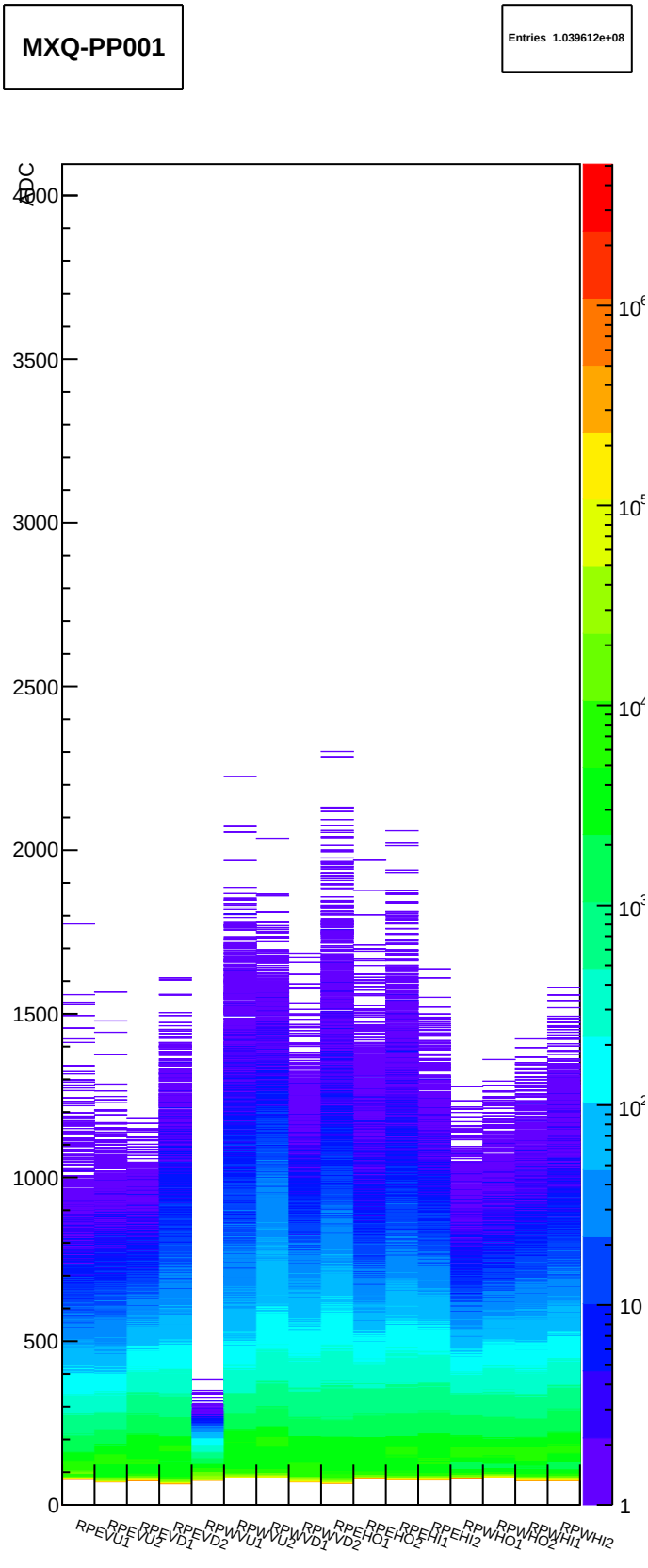

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 1.299515e+07
TAC sum
1st-Best
2nd-Best
ID

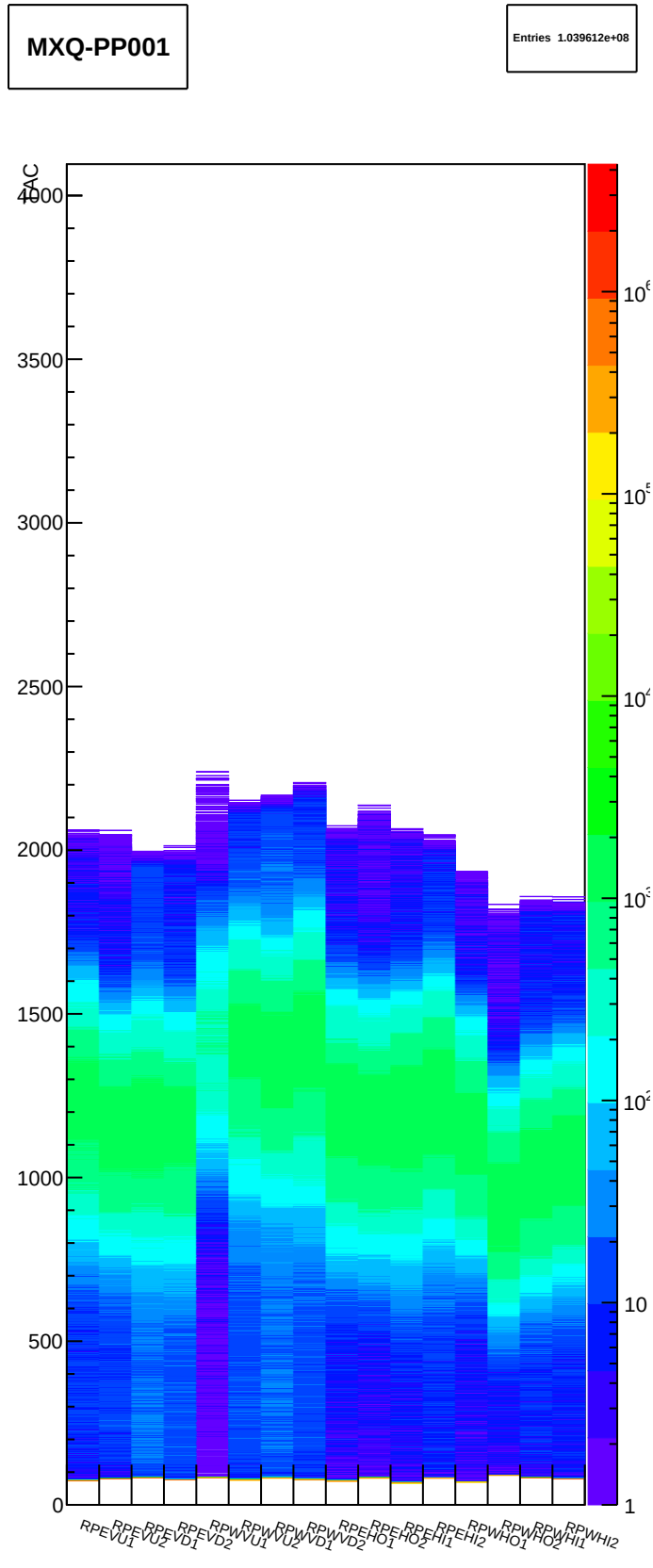

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 1.299515e+07
TAC sum
1st-Best
2nd-Best
ID

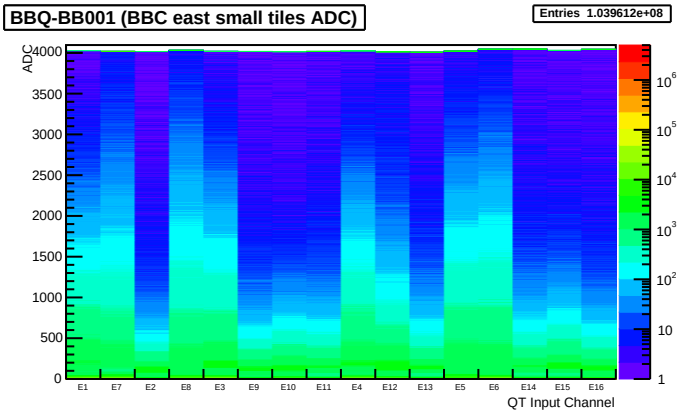

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 1.299515e+07
TAC sum
1st-Best
2nd-Best
ID

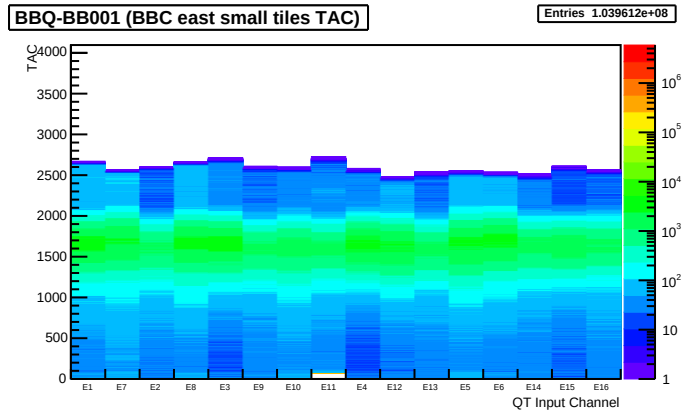

MIX-MT102 Input: VP003 Max TAC
Entries 6497573

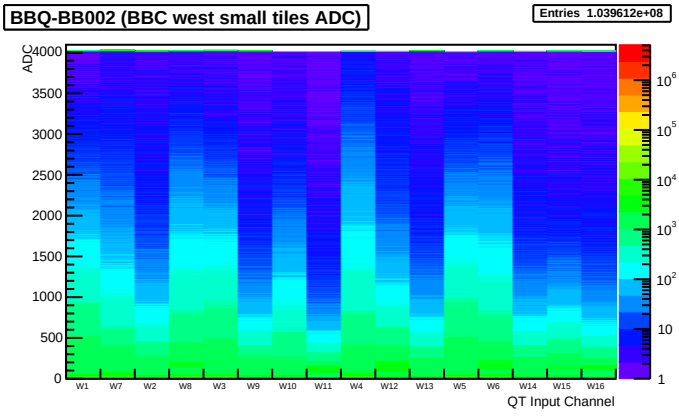

MIX-MT102 Input: VP004 Max TAC
Entries 6497573

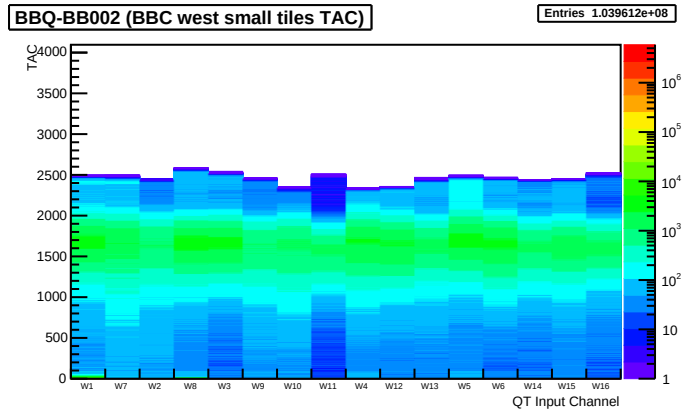

MXQ-PP001
Entries 1.039612e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

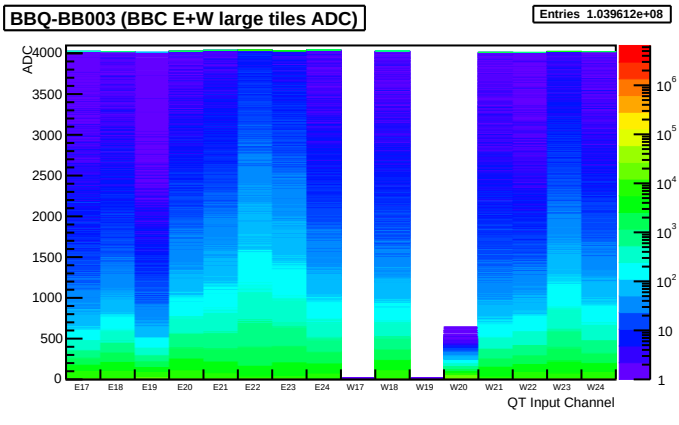

MXQ-PP001
Entries 1.039612e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

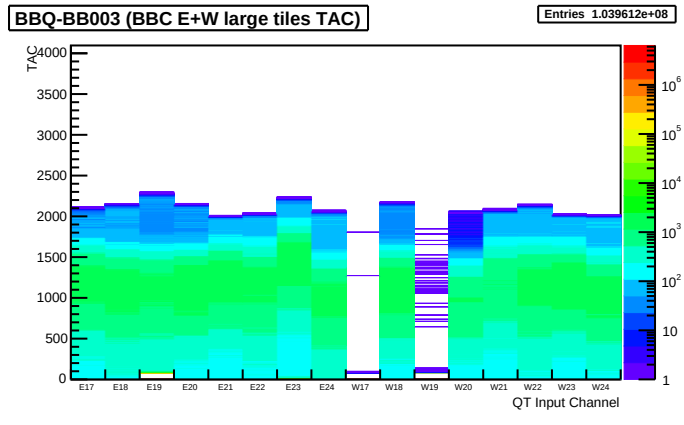

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.039612e+08
ADC
QT Input Channel

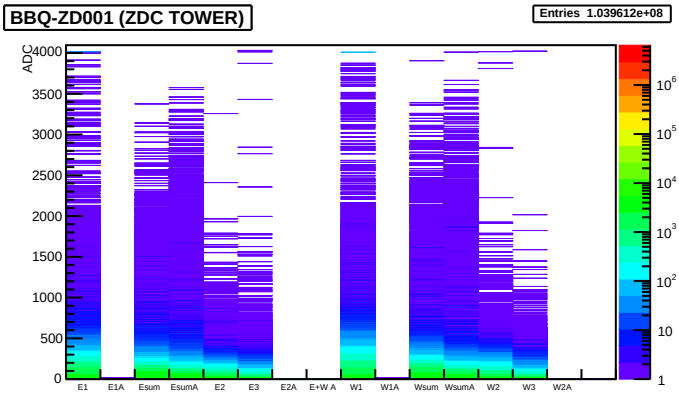

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.039612e+08
TAC
QT Input Channel

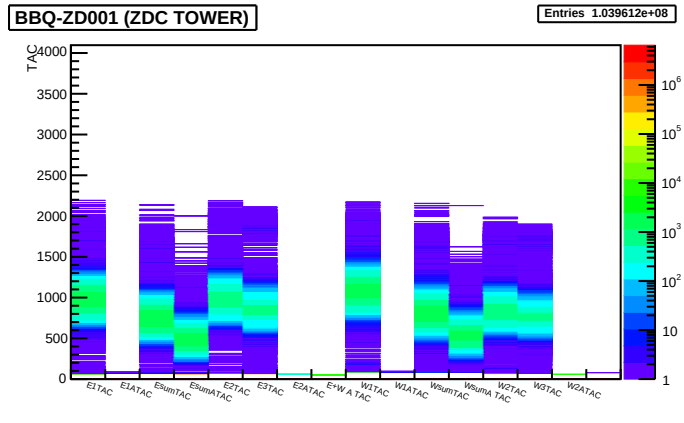

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.039612e+08
ADC
QT Input Channel

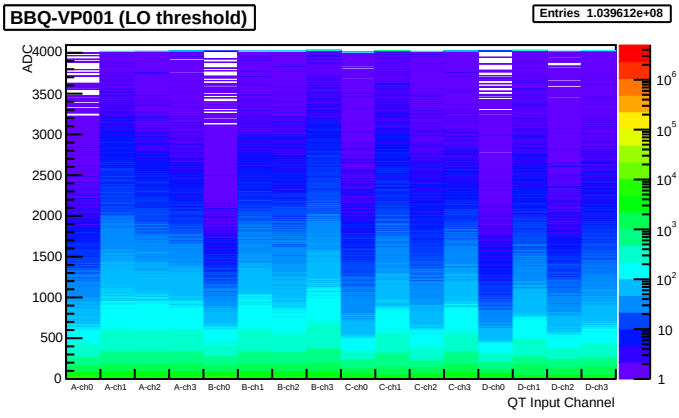

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.039612e+08
TAC
QT Input Channel

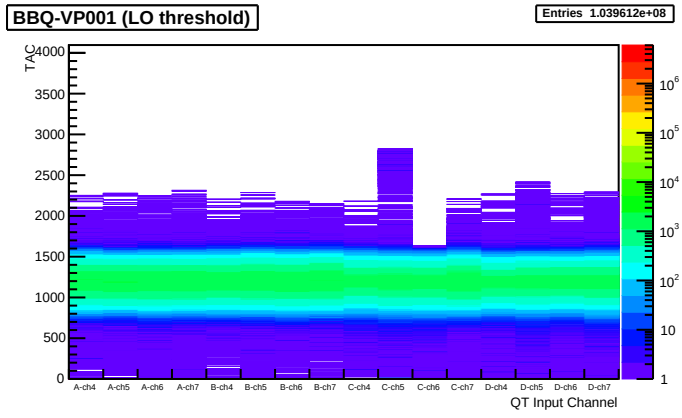

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.039612e+08
ADC
QT Input Channel

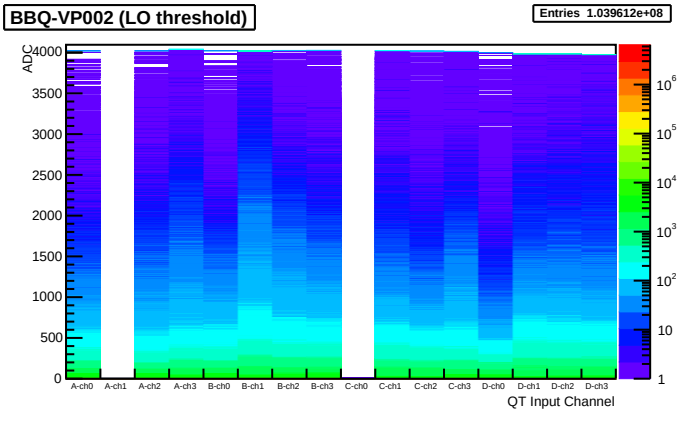

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.039612e+08
TAC
QT Input Channel

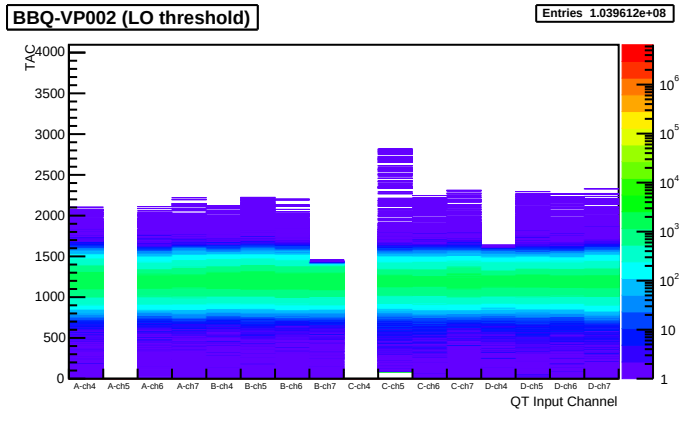

BBQ-ZD001 (ZDC TOWER)
Entries 1.039612e+08
ADC

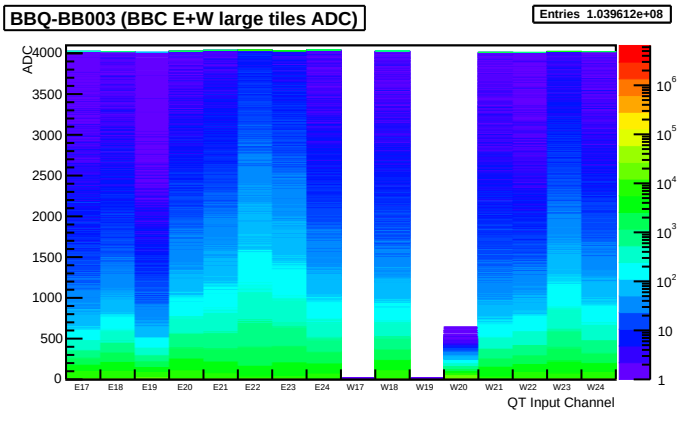

BBQ-ZD001 (ZDC TOWER)
Entries 1.039612e+08
TAC

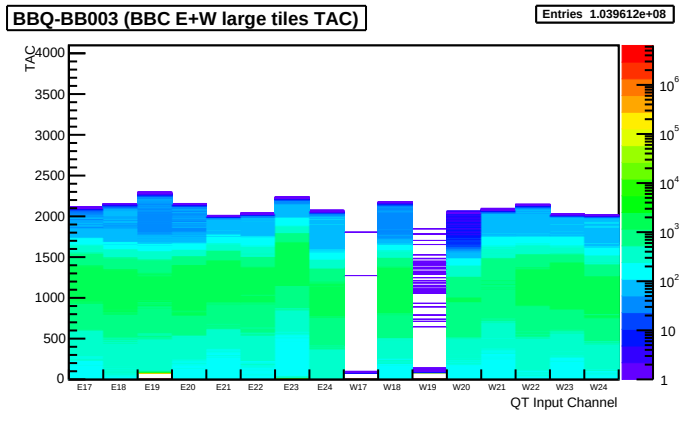

BBQ-VP001 (LO threshold)
Entries 1.039612e+08
ADC
QT Input Channel

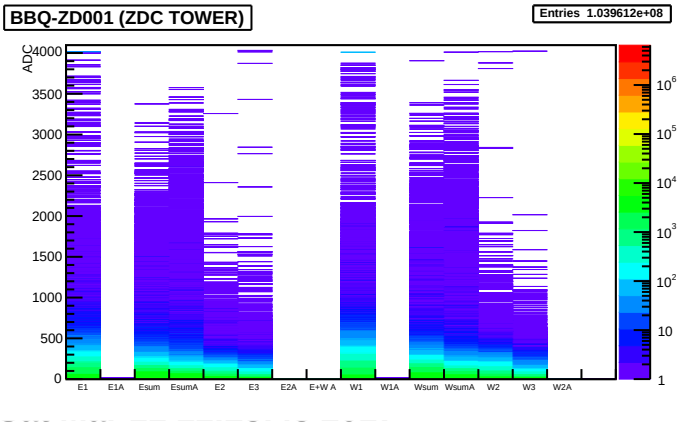

BBQ-VP001 (LO threshold)
Entries 1.039612e+08
TAC
QT Input Channel

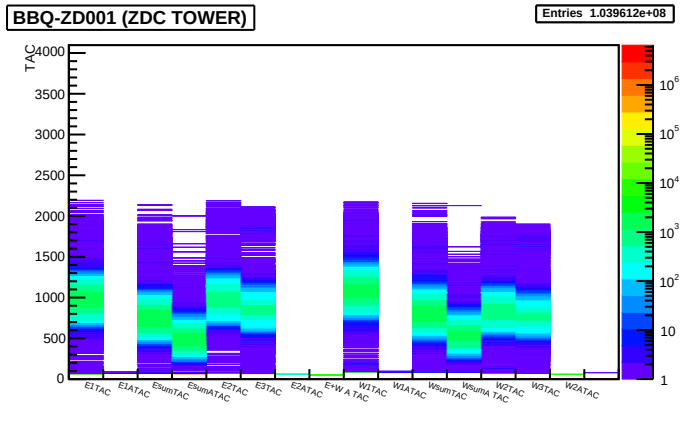

BBQ-VP002 (LO threshold)
Entries 1.039612e+08
ADC
QT Input Channel

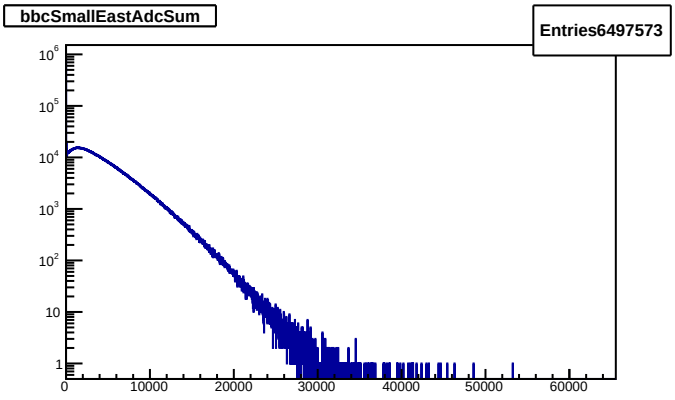

BBQ-VP002 (LO threshold)
Entries 1.039612e+08
TAC
QT Input Channel

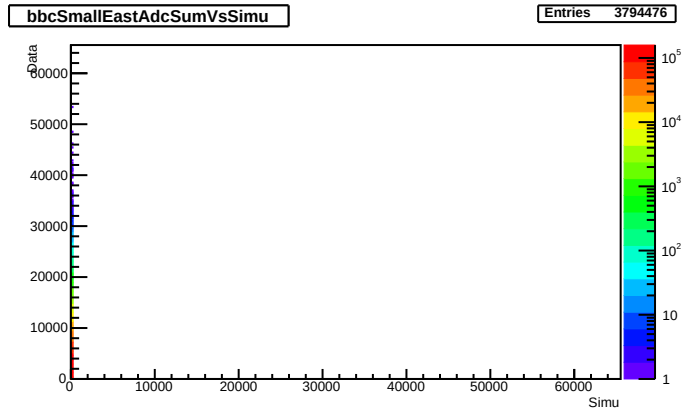

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.039612e+08
ADC
QT Input Channel

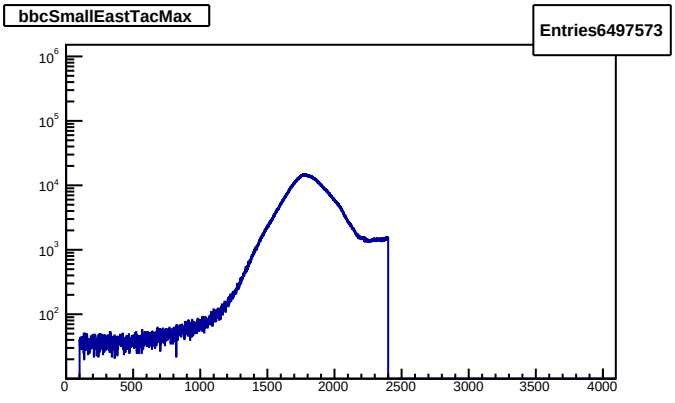

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.039612e+08
TAC
QT Input Channel

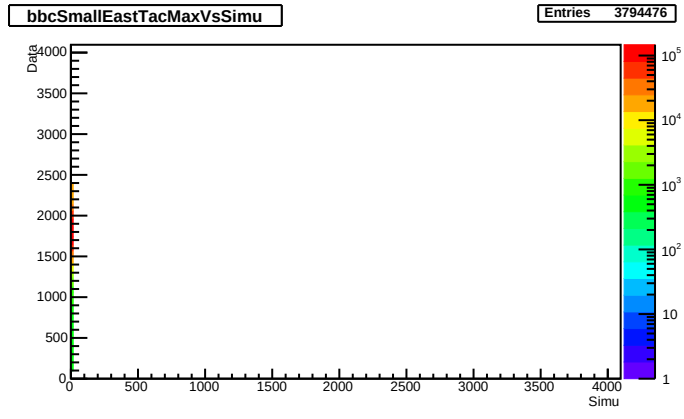

BBQ-ZD001 (ZDC TOWER)
Entries 1.039612e+08
ADC

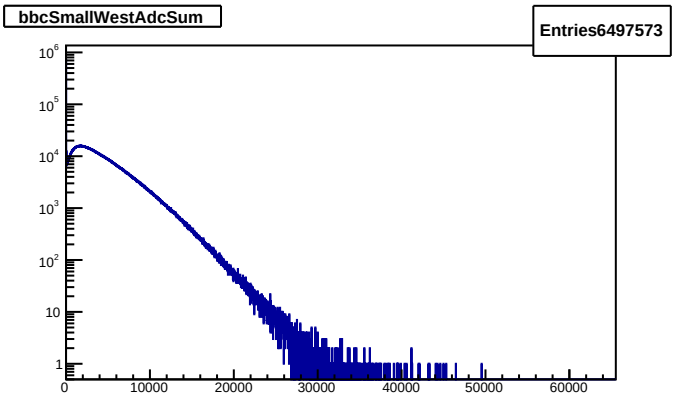

BBQ-ZD001 (ZDC TOWER)
Entries 1.039612e+08
TAC

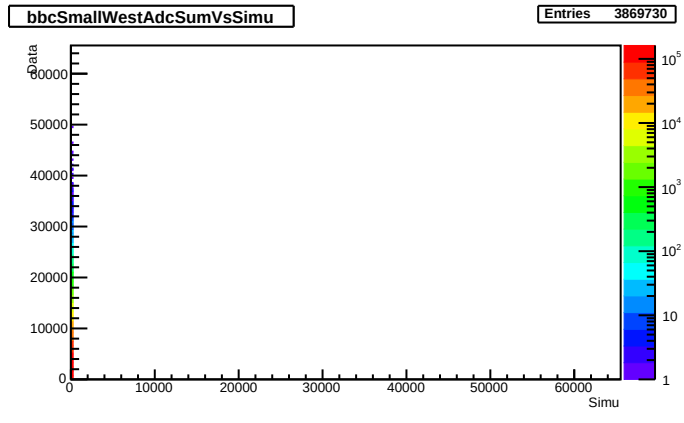

bbcSmallEastAdcSum
Entries6497573

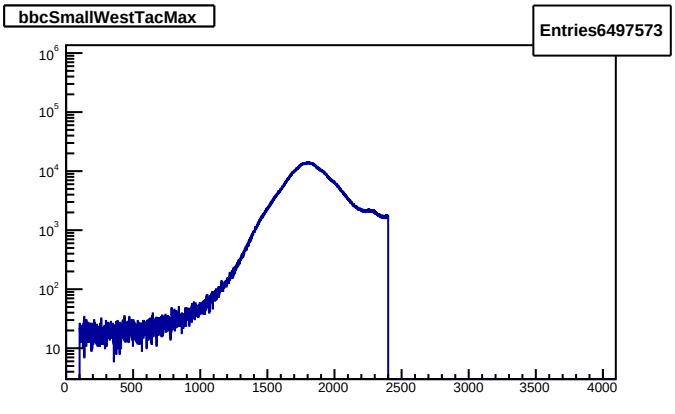

bbcSmallEastAdcSumVsSimu
Entries 3794476
Data
Simu

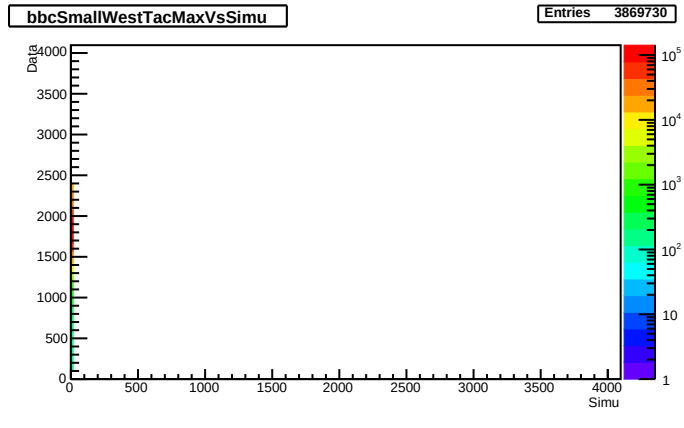

bbcSmallEastTacMax
Entries6497573

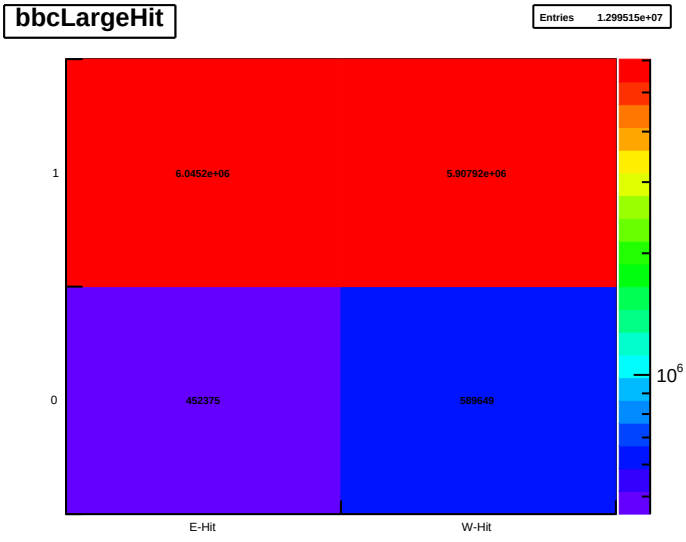

bbcSmallEastTacMaxVsSimu
Entries 3794476
Data
Simu

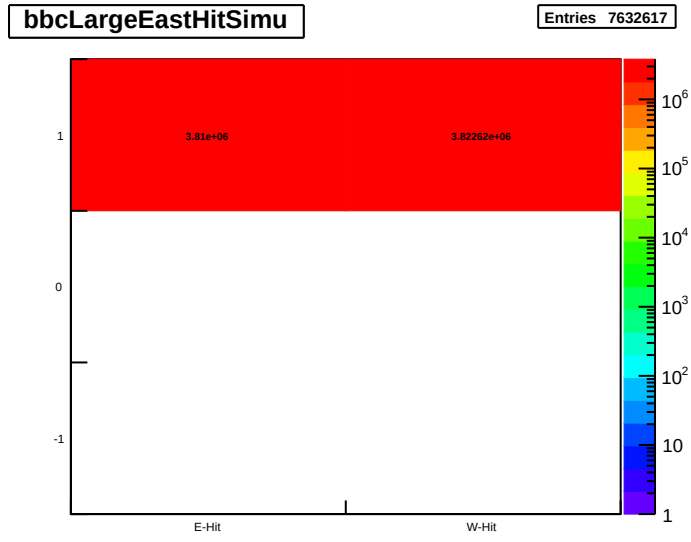

bbcSmallWestAdcSum
Entries6497573

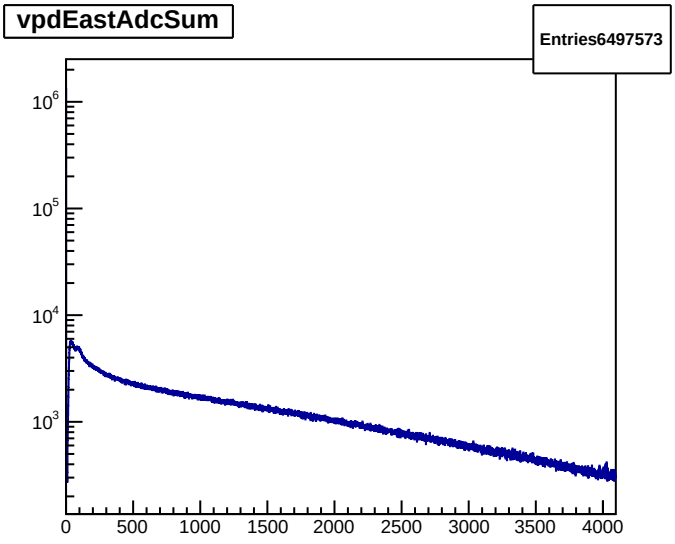

bbcSmallWestAdcSumVsSimu
Entries 3869730
Data
Simu

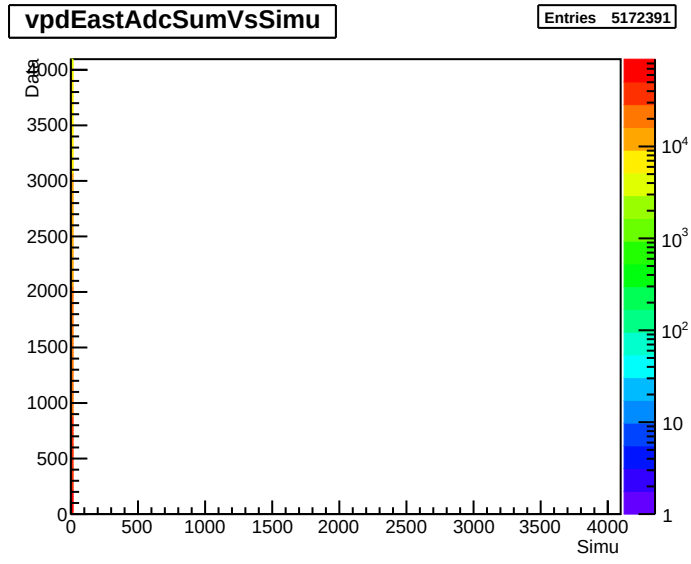

bbcSmallWestTacMax
Entries6497573

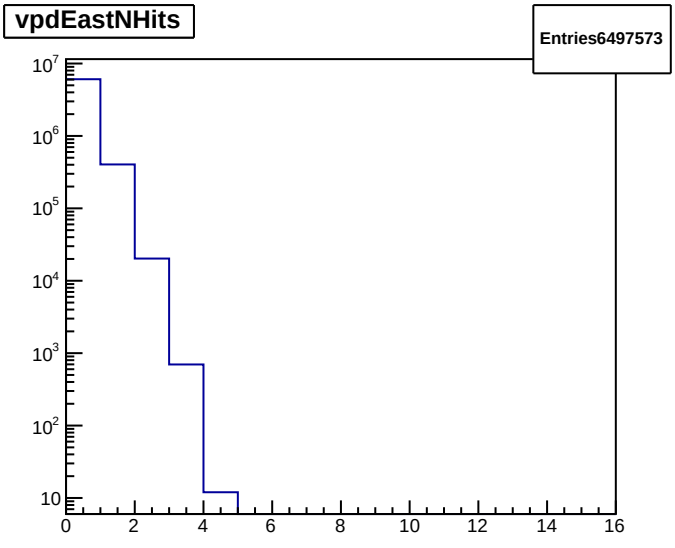

bbcSmallWestTacMaxVsSimu
Entries 3869730
Data
Simu

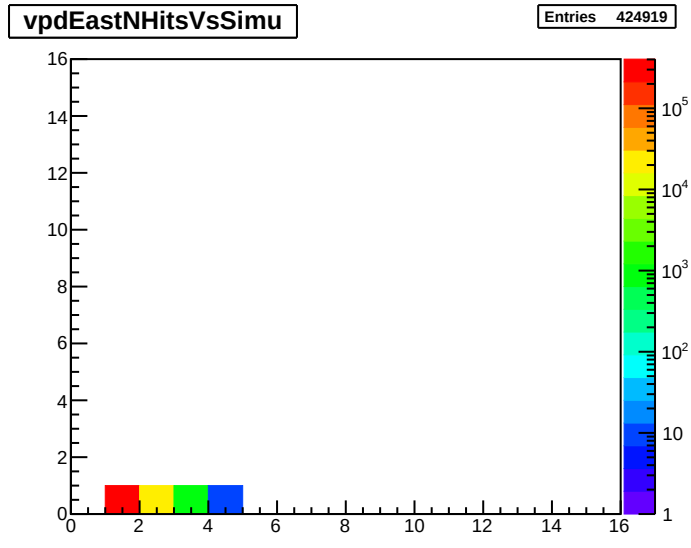

bbcLargeHit
Entries 1.299515e+07
1
0
6.0452e+06
5.90792e+06
452375
589649
E-Hit
W-Hit
10^6

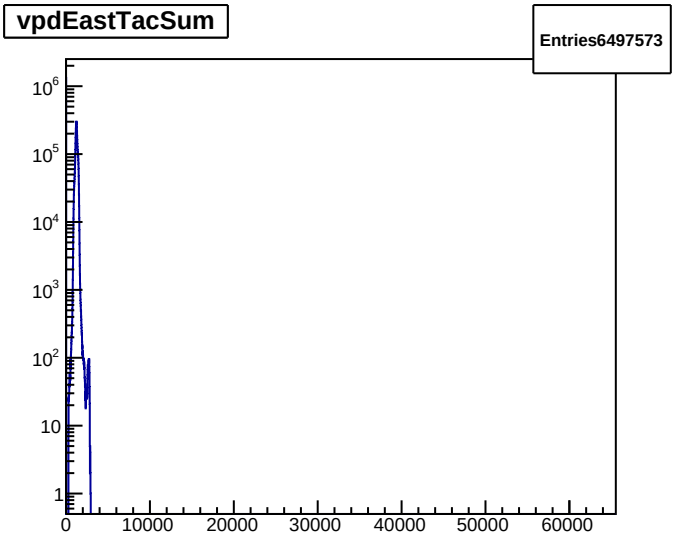

bbcLargeEastHitSimu
Entries 7632617
1
0
-1
3.81e+06
3.82262e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

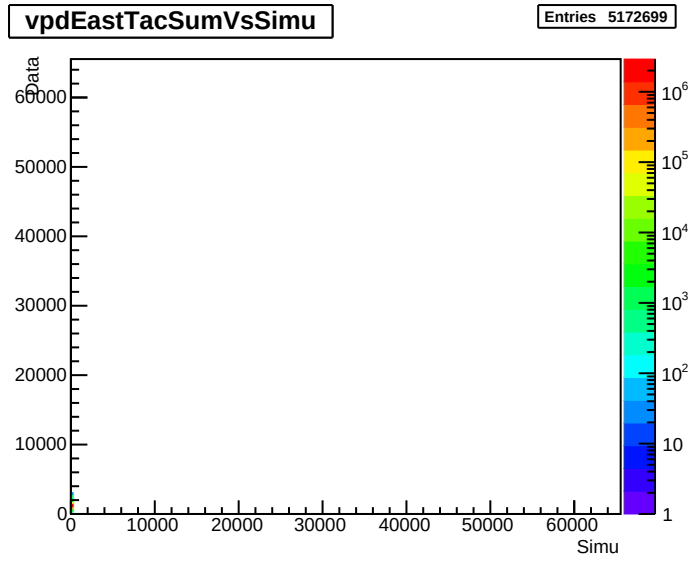

vpdEastAdcSum
Entries6497573

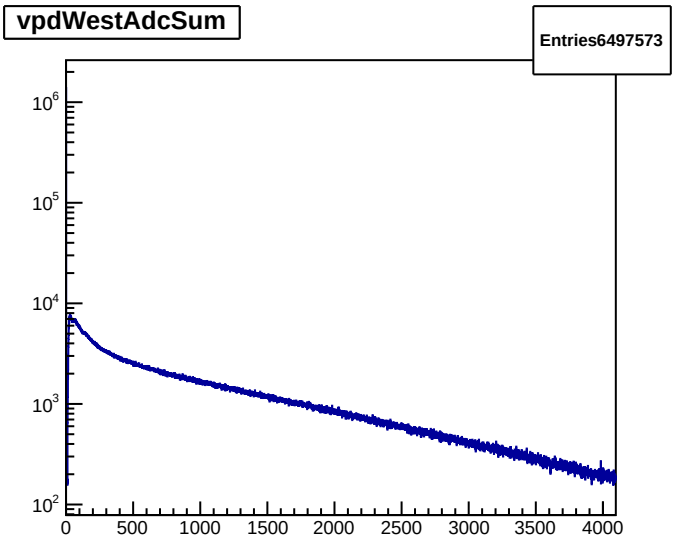

vpdEastAdcSumVsSimu
Entries 5172391
Data
Simu

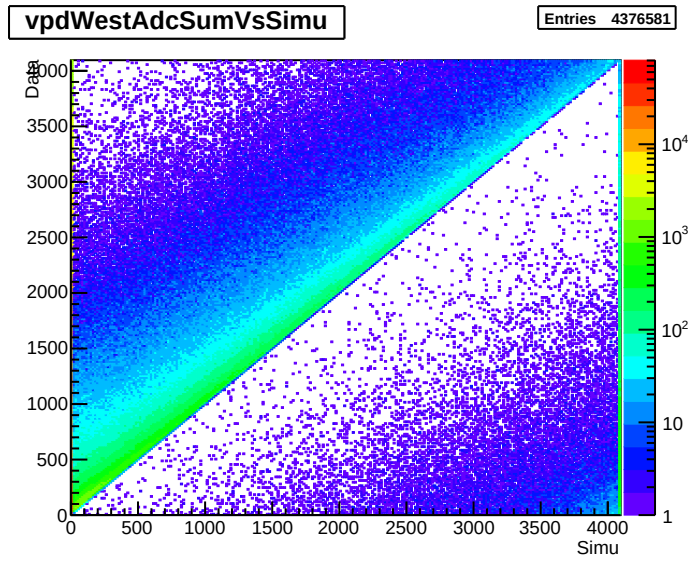

vpdEastNHits
Entries6497573

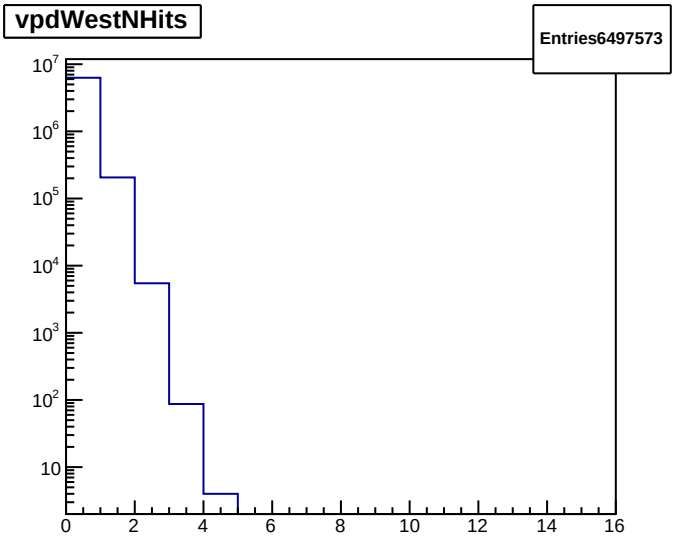

vpdEastNHitsVsSimu
Entries 424919

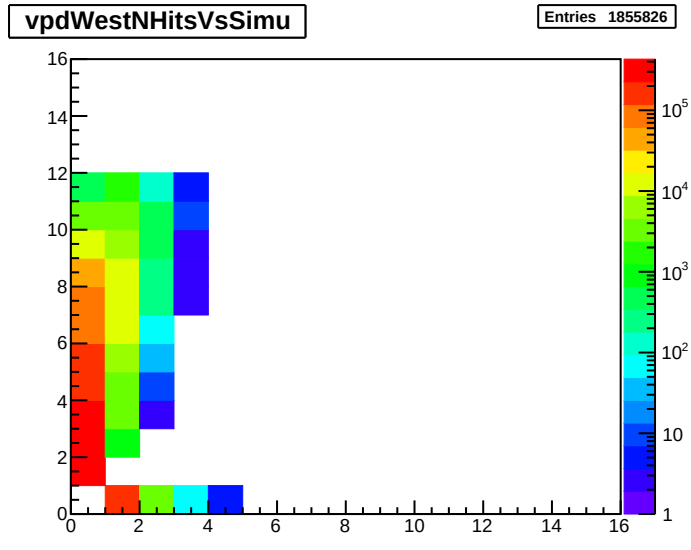

vpdEastTacSum
Entries6497573

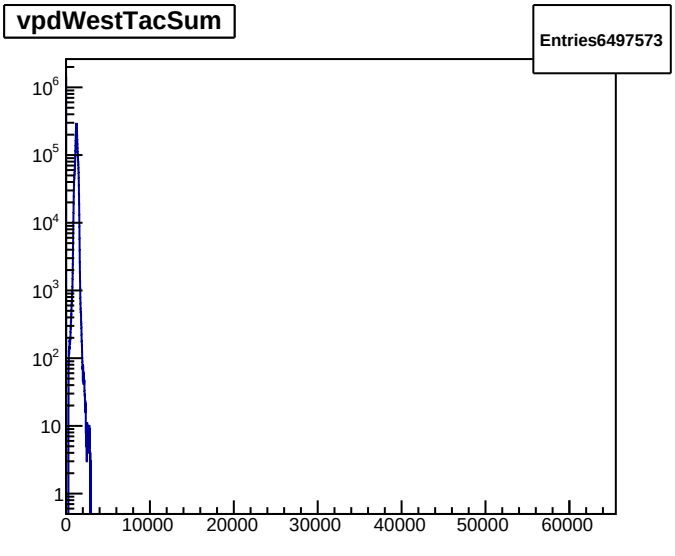

vpdEastTacSumVsSimu
Entries 5172699
Data
Simu

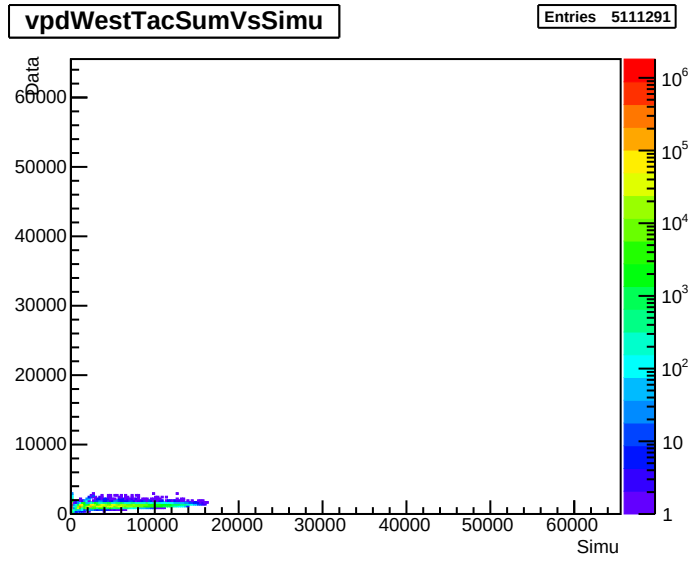

vpdWestAdcSum
Entries6497573

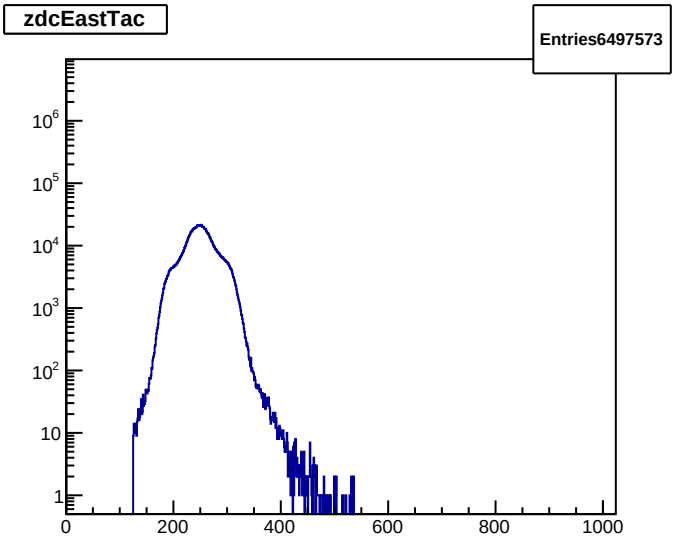

vpdWestAdcSumVsSimu
Entries 4376581
Data
Simu

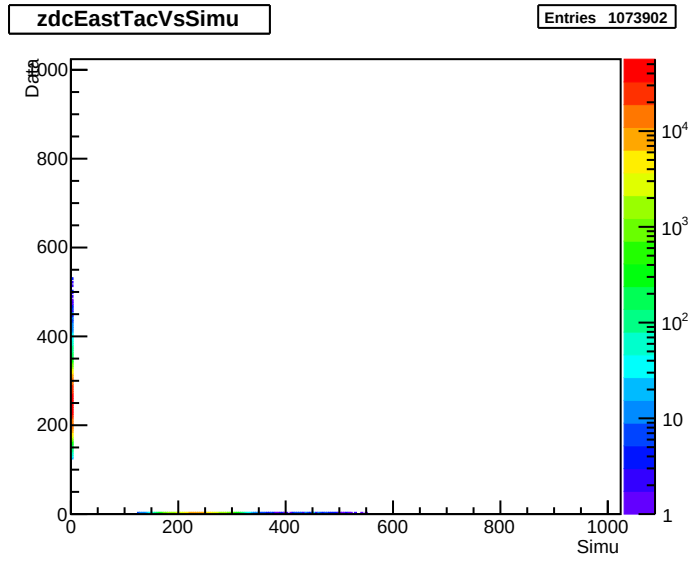

vpdWestNHits
Entries6497573

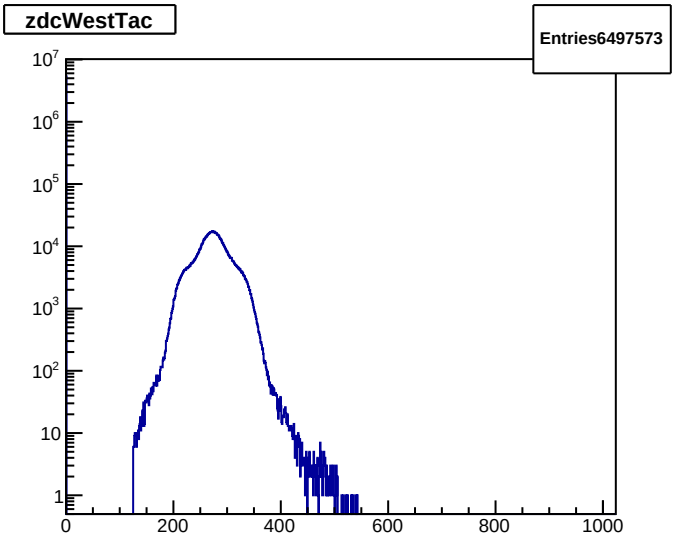

vpdWestNHitsVsSimu
Entries 1855826

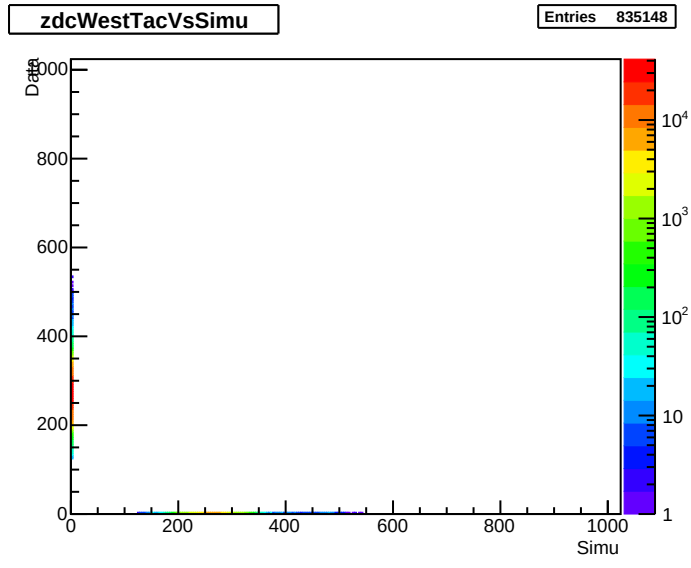

vpdWestTacSum
Entries6497573

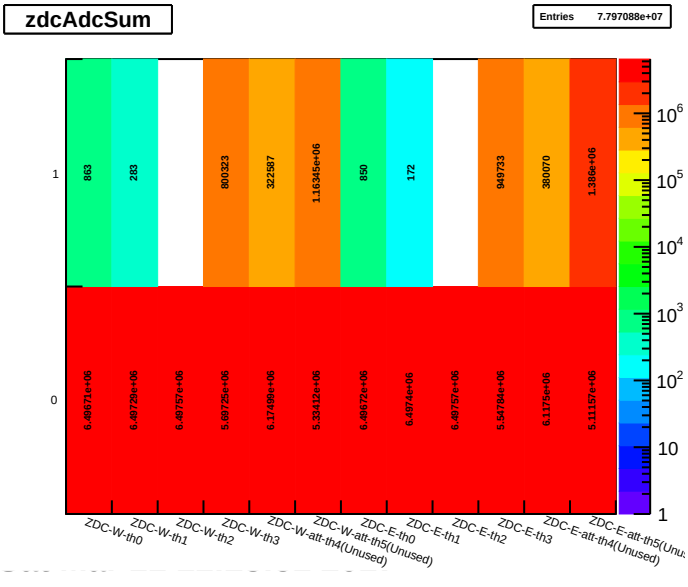

vpdWestTacSumVsSimu
Entries 5111291
Data
Simu

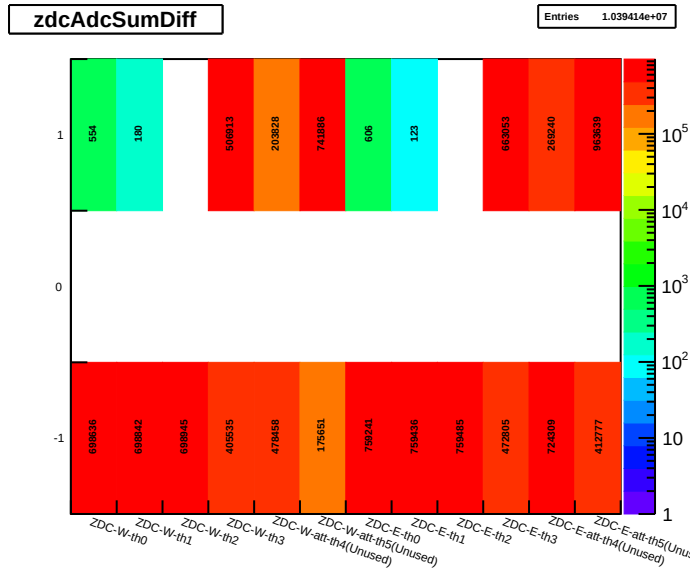

zdcEastTac
Entries6497573

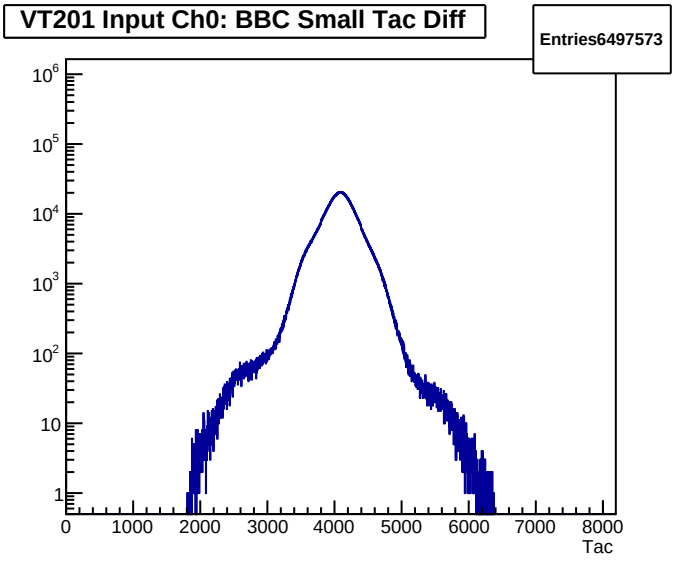

zdcEastTacVsSimu
Entries 1073902
Data
Simu

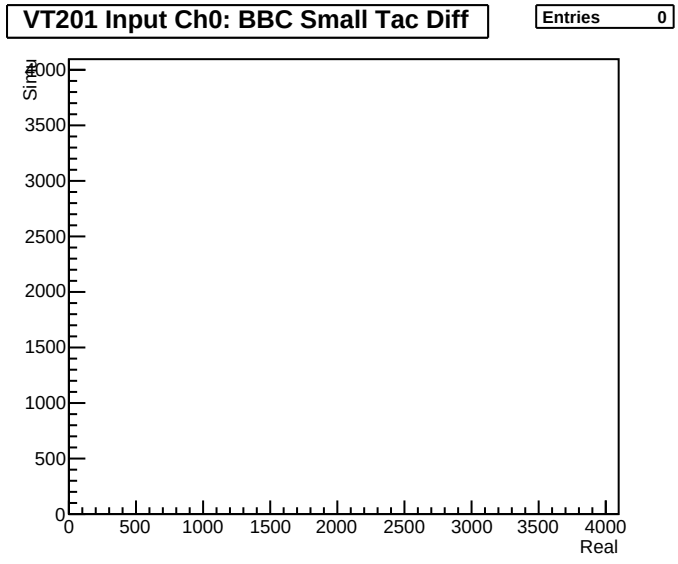

zdcWestTac
Entries6497573

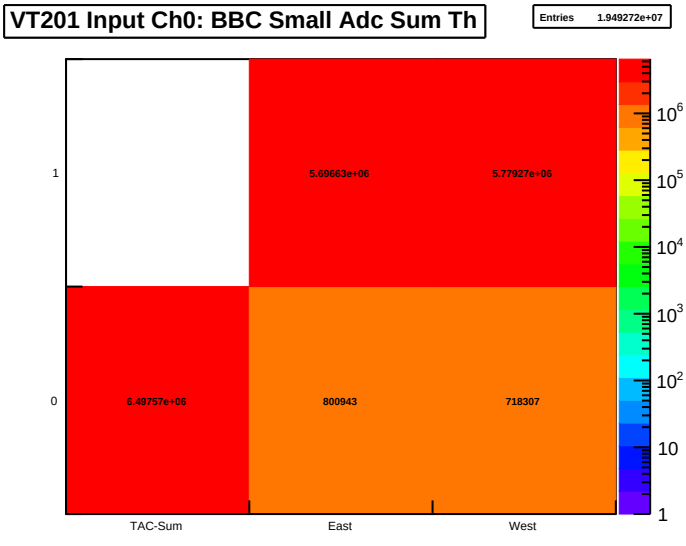

zdcWestTacVsSimu
Entries 835148
Data
Simu

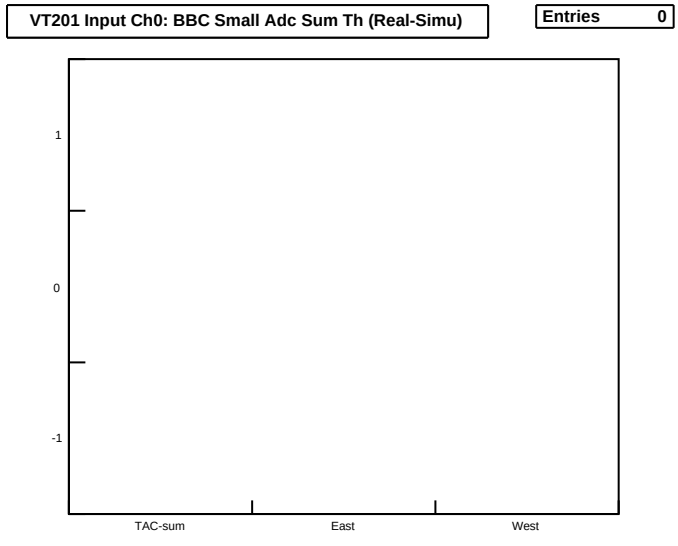

zdcAdcSum
Entries 7.797088e+07
863
283
800323
322587
1.16345e+06
850
172
949733
380070
1.386e+06
6.49671e+06
6.49729e+05
6.49757e+06
5.69725e+06
6.17499e+06
5.33412e+06
6.49672e+06
6.4974e+06
6.49757e+05
5.54784e+06
6.1175e+06
5.11157e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

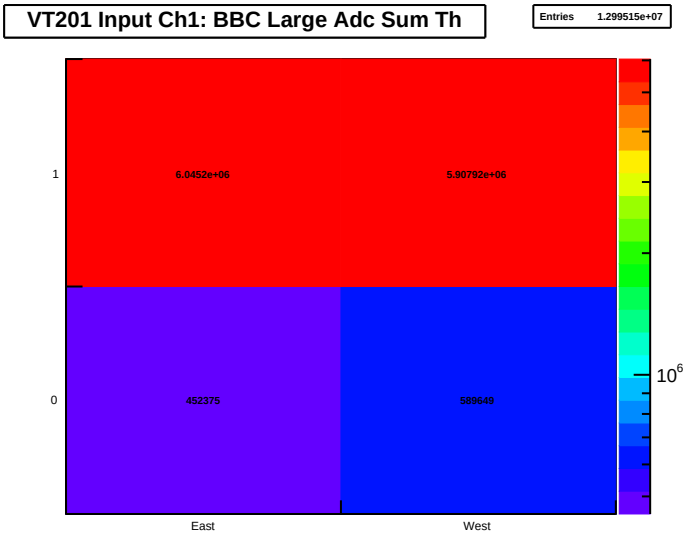

zdcAdcSumDiff
Entries 1.039414e+07
554
180
506913
203828
741886
606
123
663053
269240
963539
698636
698842
698945
405535
478458
175651
759241
759436
759485
472805
724309
412777
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

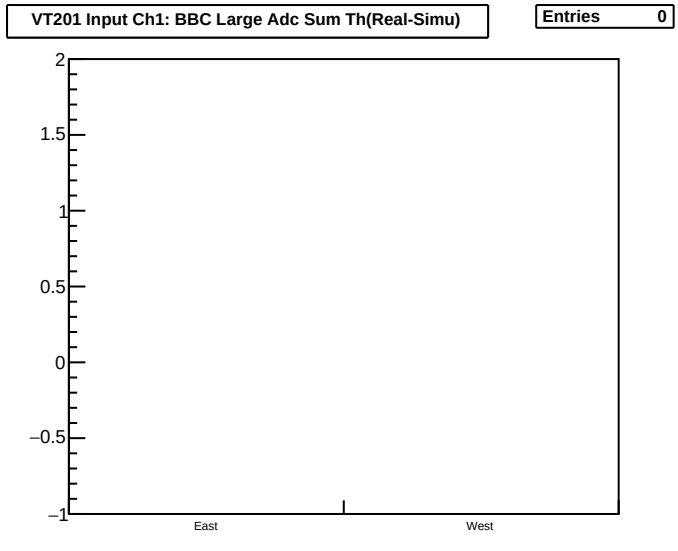

VT201 Input Ch0: BBC Small Tac Diff
Entries6497573
Tac


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

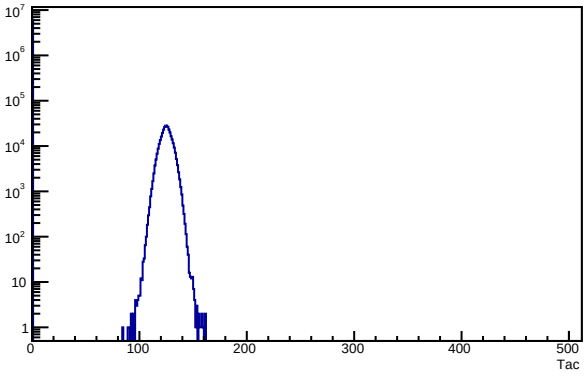

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.949272e+07
5.69663e+06
5.77927e+06
6.49757e+06
800943
718307
TAC-Sum
East
West


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

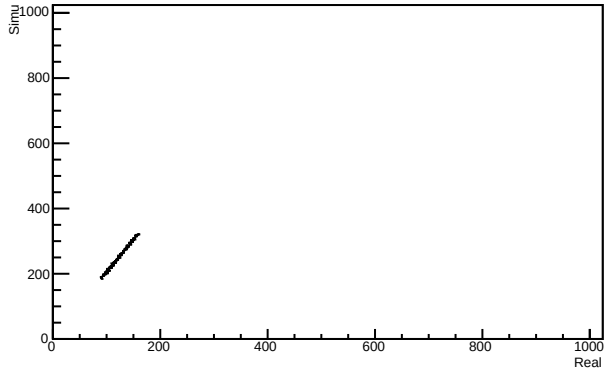

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.299515e+07
6.0452e+06
5.90792e+06
452375
589649
East
West


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

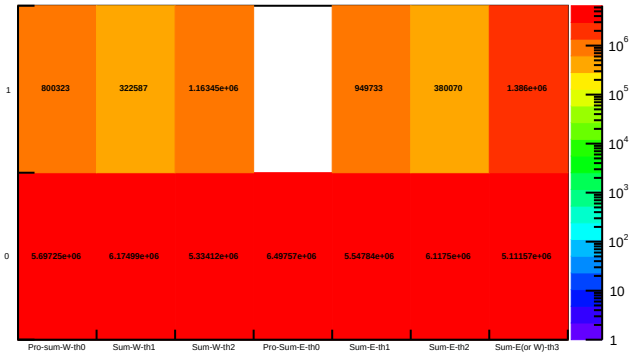
VT201 Input Ch2: ZDC Tac Diff



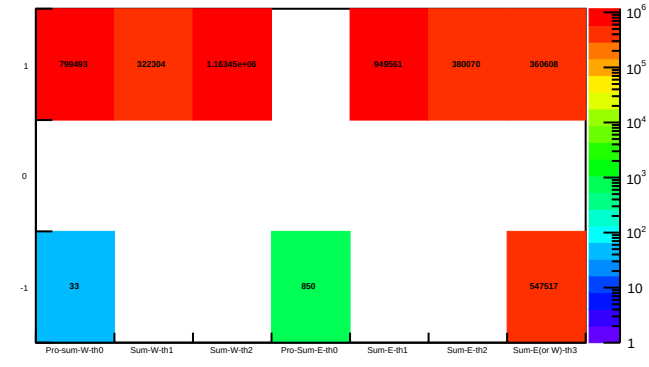
VT201 Input Ch2: ZDC Tac Diff



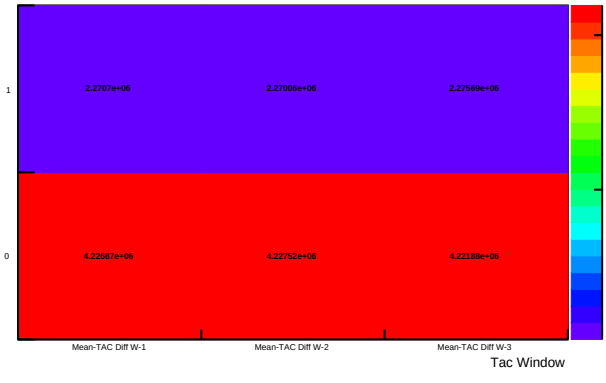
VT201 Input Ch2: ZDC Adc Sum Th



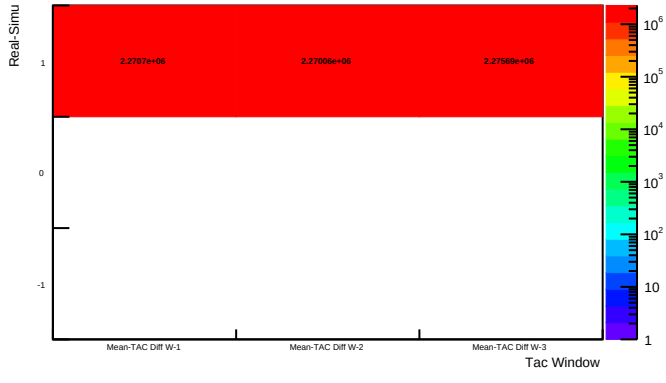
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



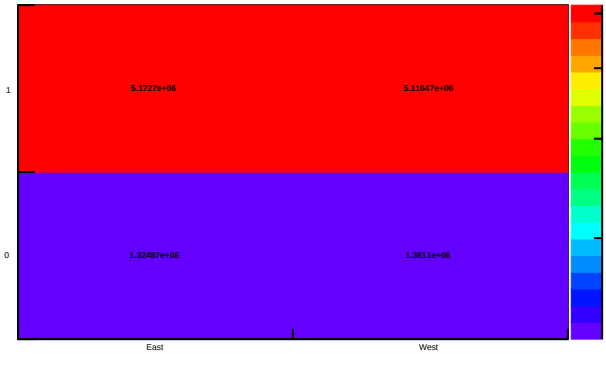
VT201 Input Ch4: VPD Tac Diff



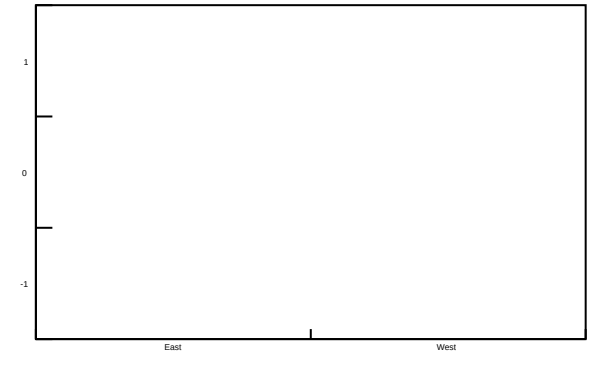
VT201 Input Ch4: VPD Tac Diff

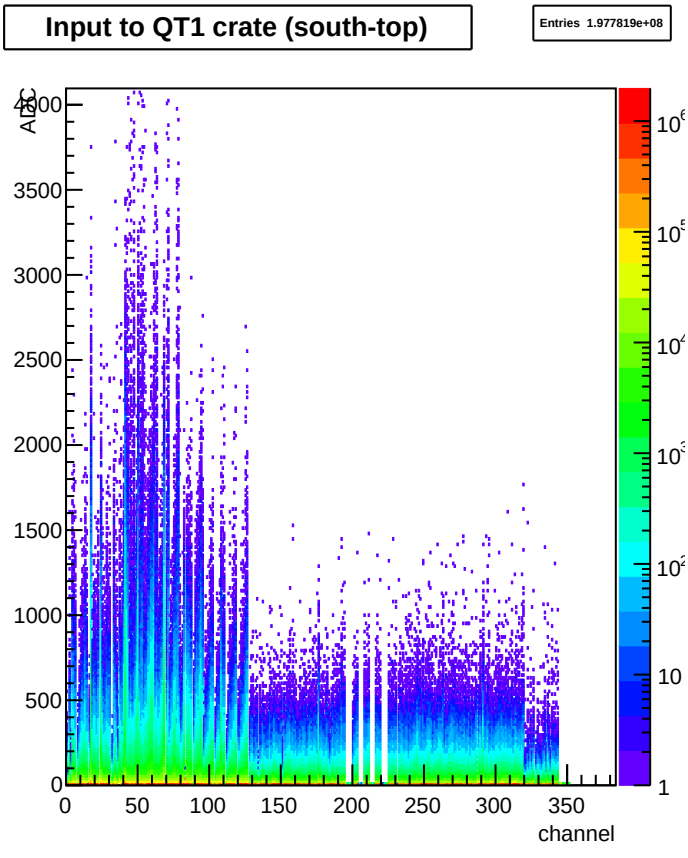


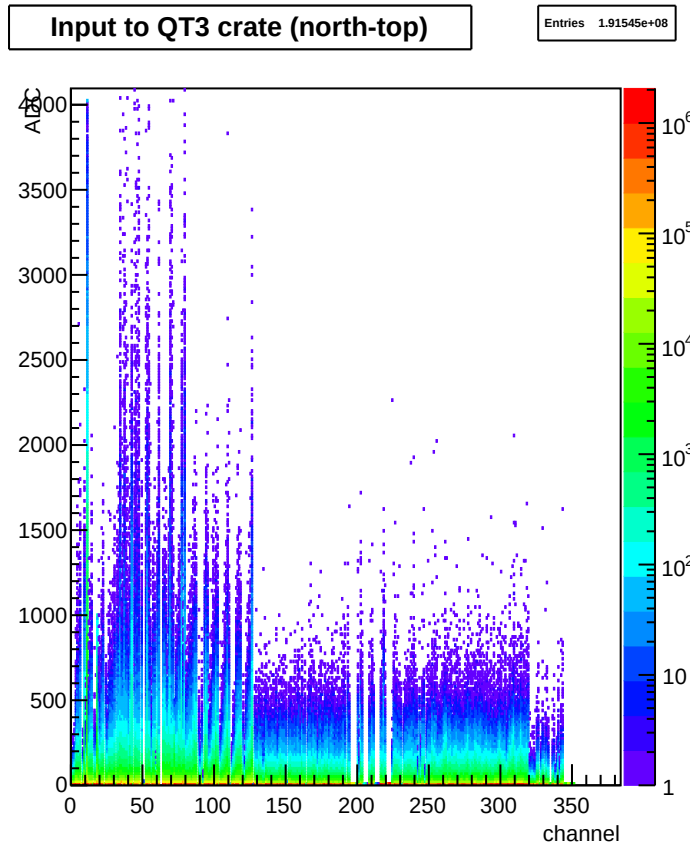
VT201 Input Ch4: VPD Adc Sum Th

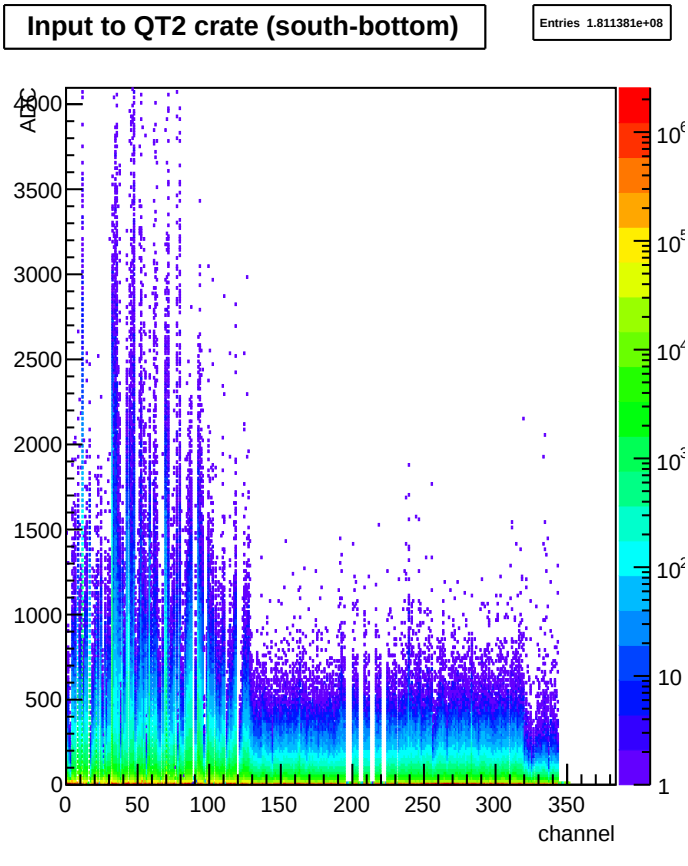


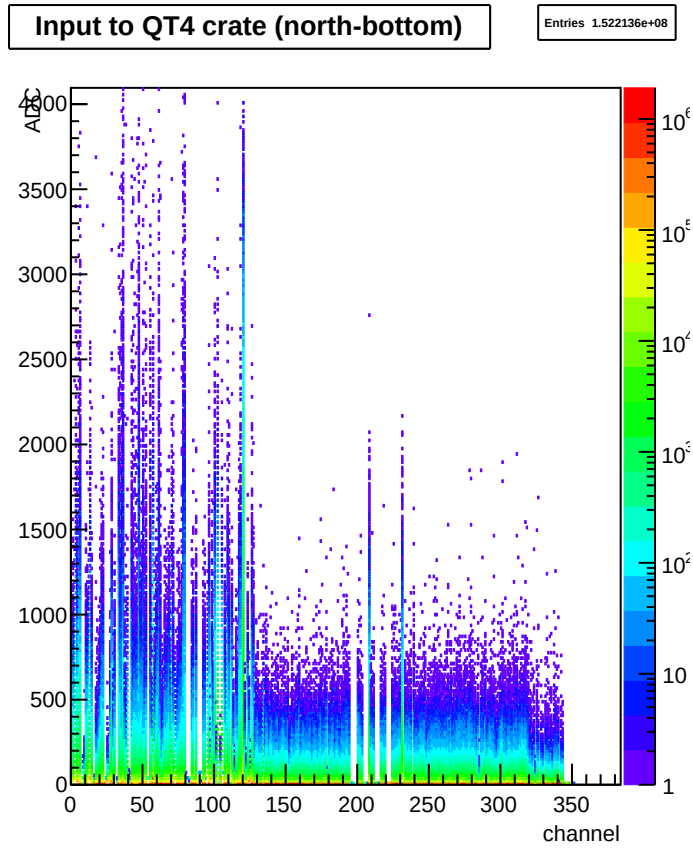
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

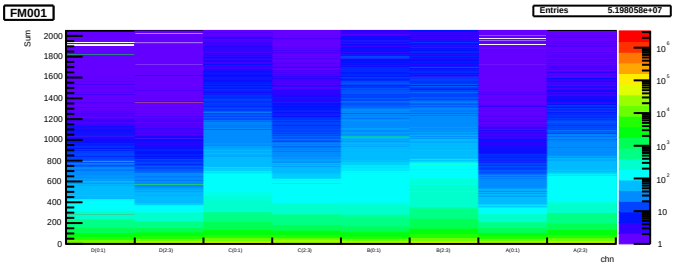


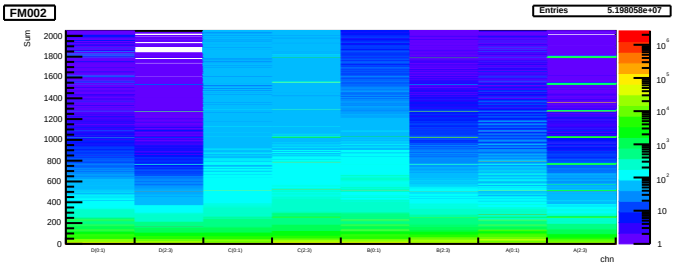

Input to QT1 crate (south-top)
Entries 1.977819e+08
ADC
channel

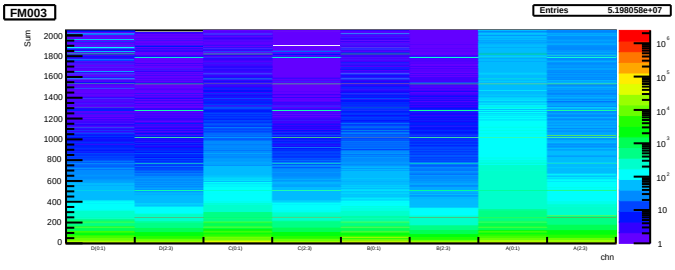

Input to QT3 crate (north-top)
Entries 1.91545e+08
ADC
channel

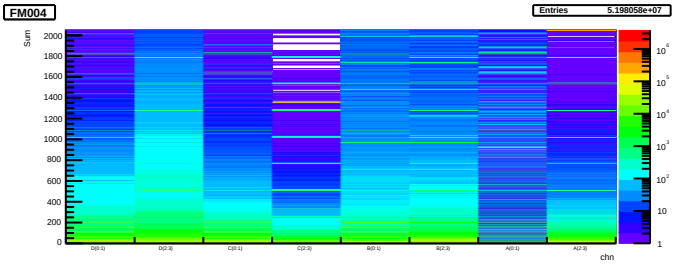

Input to QT2 crate (south-bottom)
Entries 1.811381e+08
ADC
channel

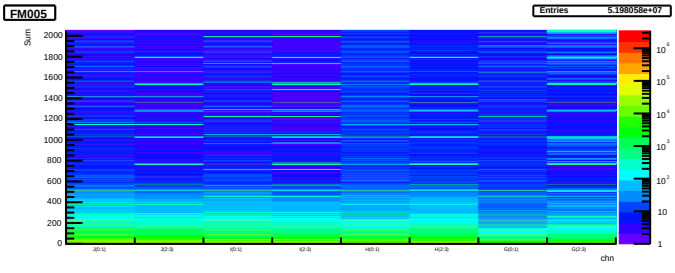

Input to QT4 crate (north-bottom)
Entries 1.522136e+08
ADC
channel

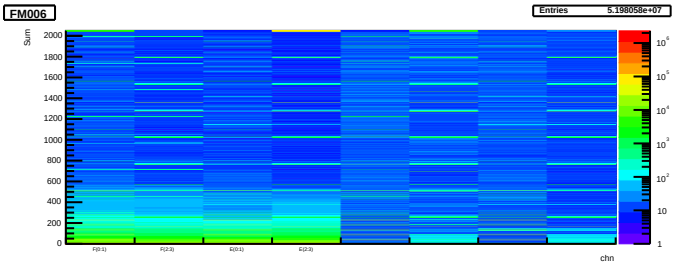

FM001
Entries 5.198058e+07
Sum
chn

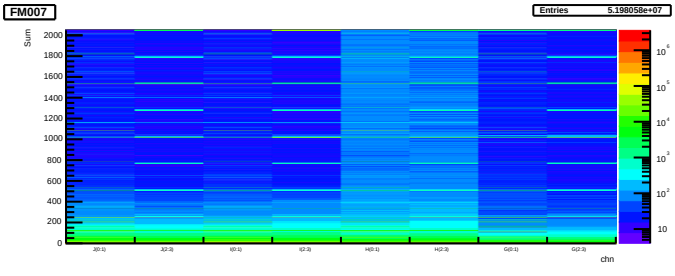

FM002
Entries 5.198058e+07
Sum
chn

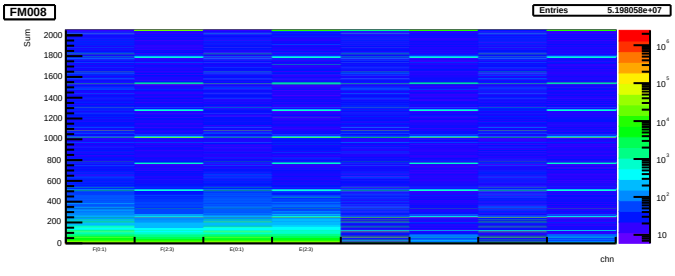

FM003
Entries 5.198058e+07
Sum
chn


FM004
Entries 5.198058e+07
Sum
chn


FM005
Entries 5.198058e+07
Sum
chn


FM006
Entries 5.198058e+07
Sum
chn


FM007
Entries 5.198058e+07
Sum
chn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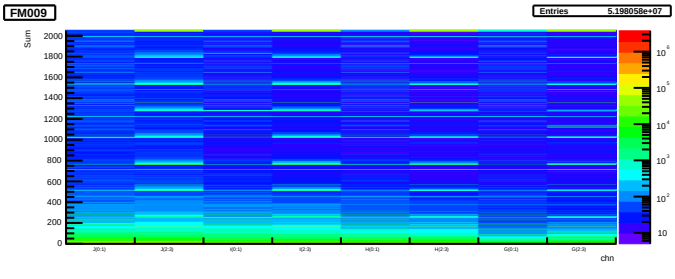
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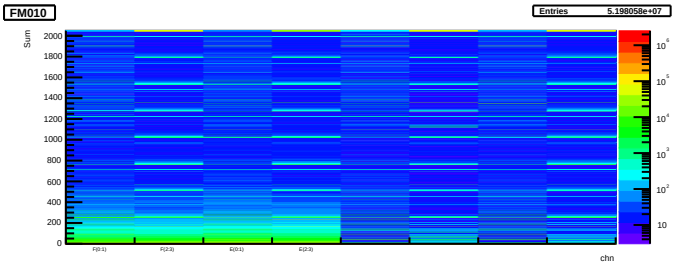
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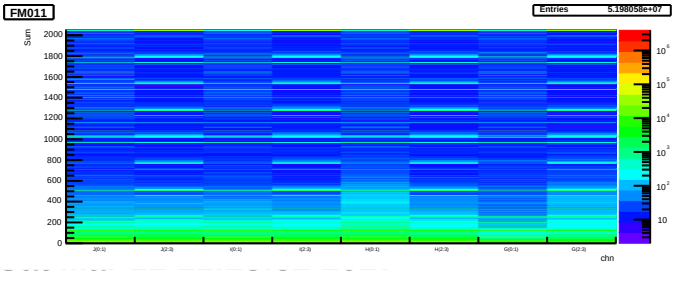
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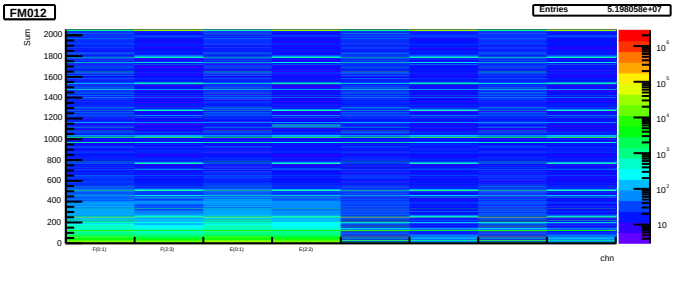
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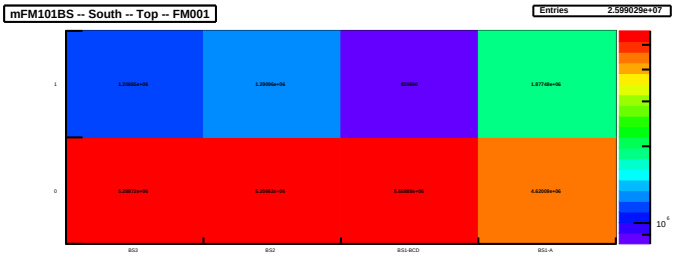
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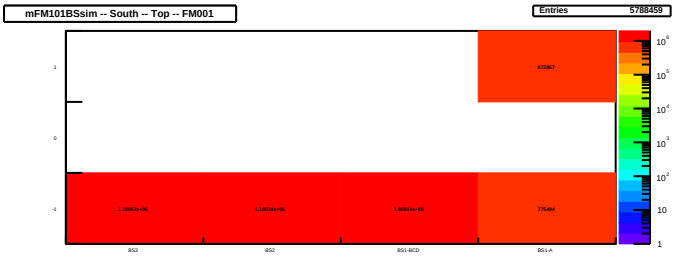
BS3
BS2
BS1-BCD
BS1-A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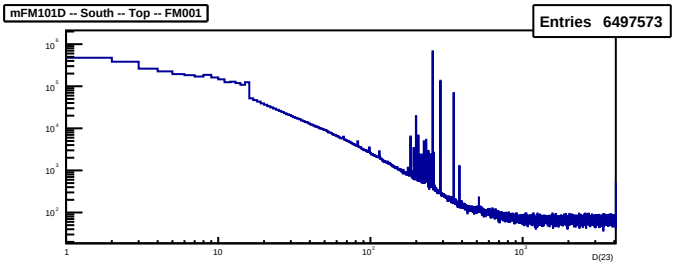
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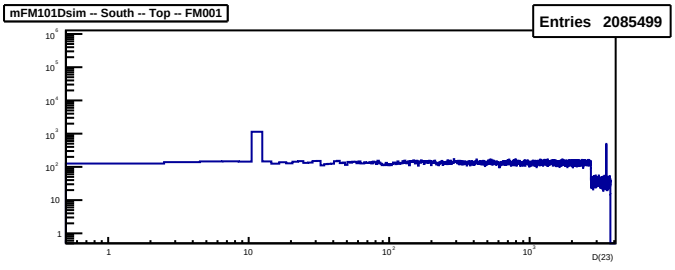
D(23)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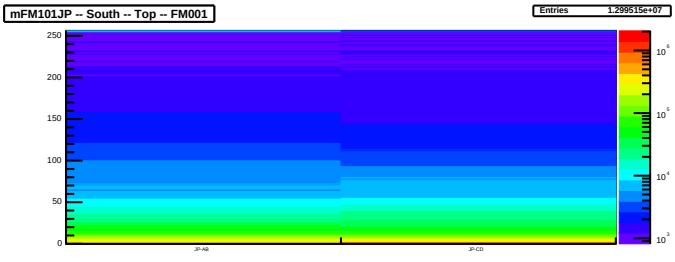
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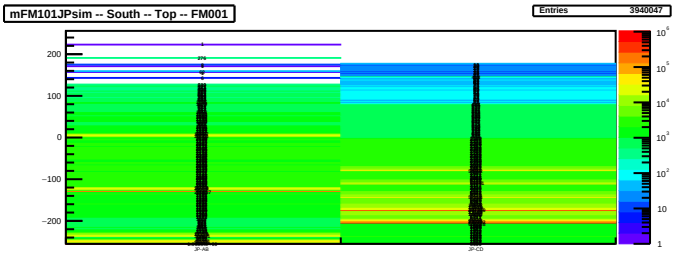
JP-AB
JP-CD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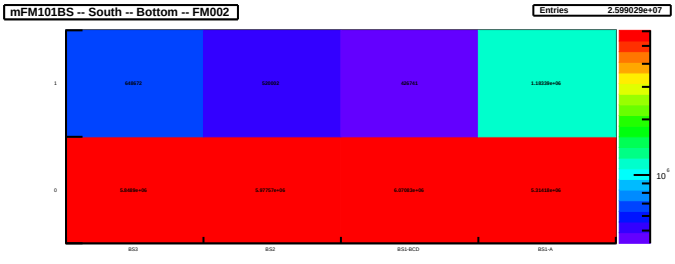
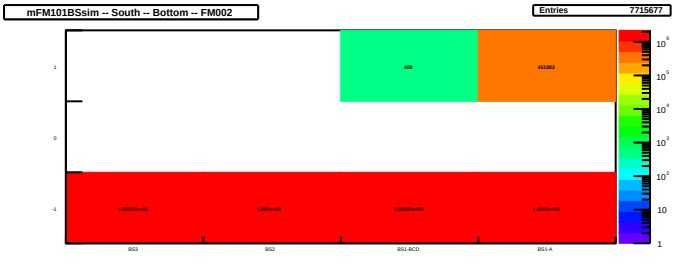
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 2.599029e+07
BS3
BS2
BS1-BCD
BS1-A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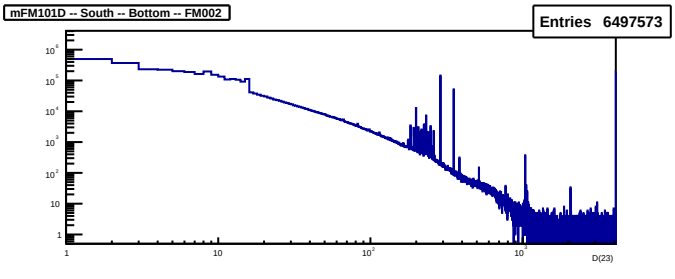
BS1-A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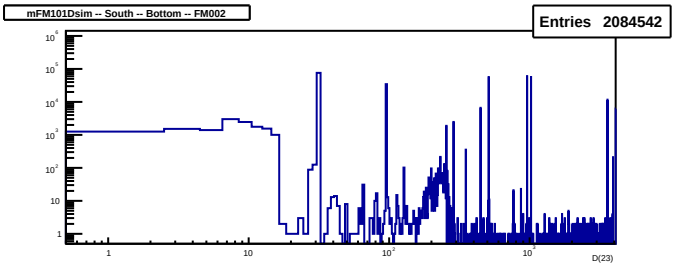
Entries 6497573
D(23)


mFM101Dsim -- South -- Bottom -- FM002
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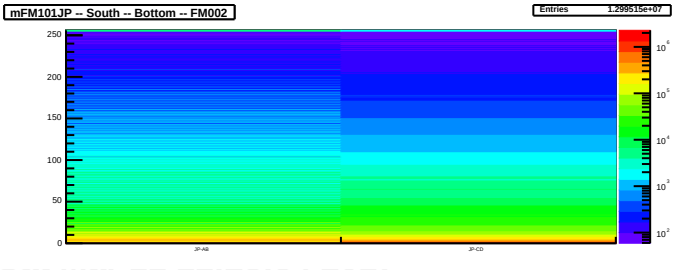
D(23)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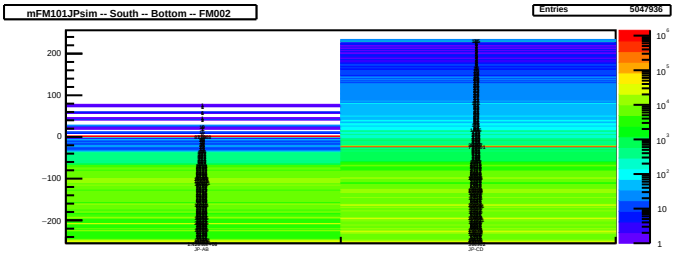
Entries 1.299515e+07
JP-AB
JP-CD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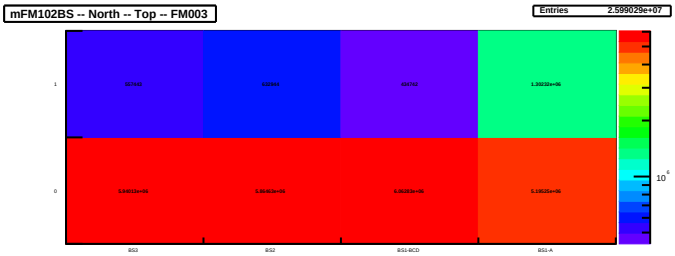
JP-CD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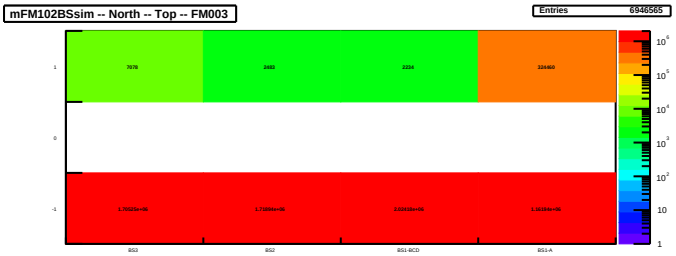
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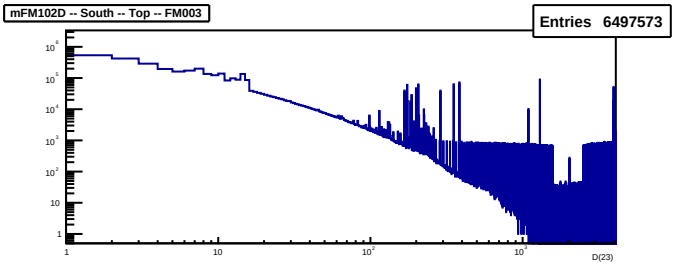
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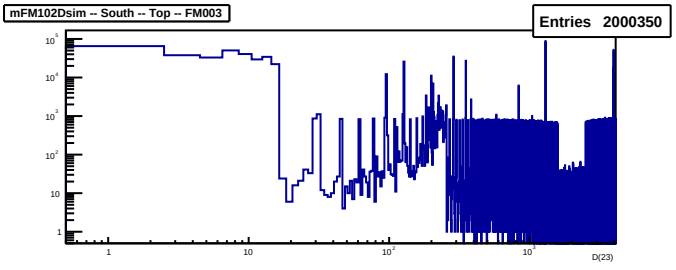
D(23)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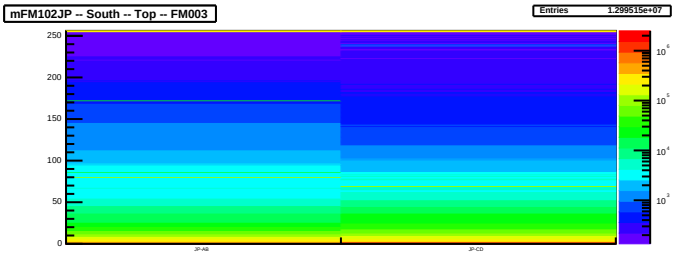
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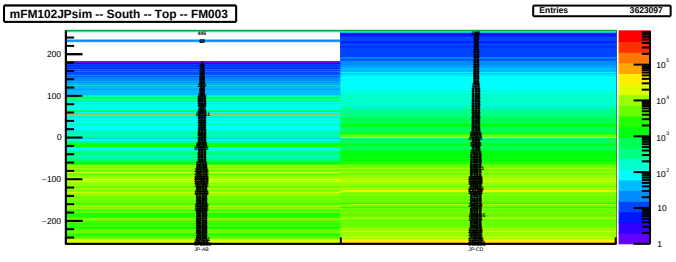
Entries 1.299515e+07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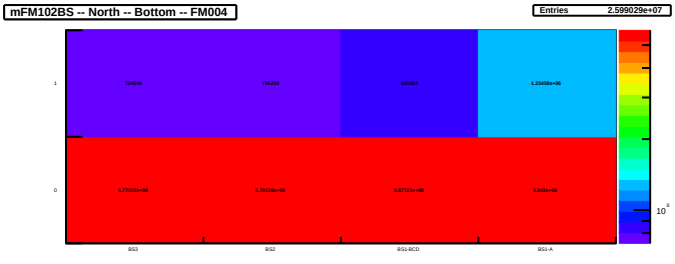
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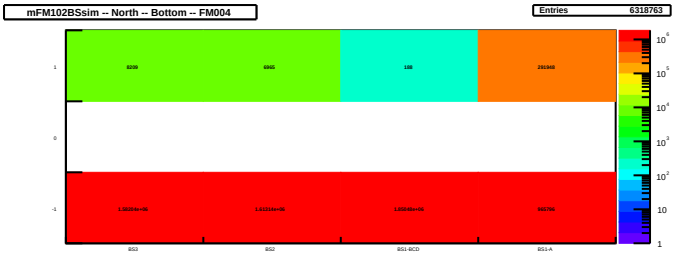
Entries 2.599029e+07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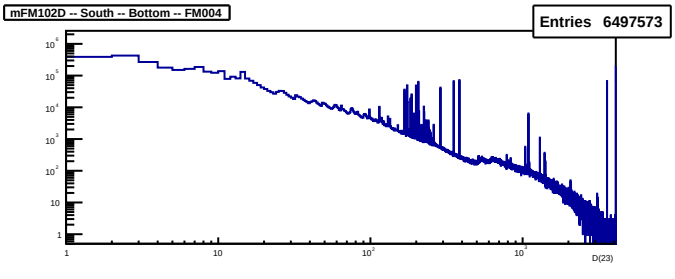
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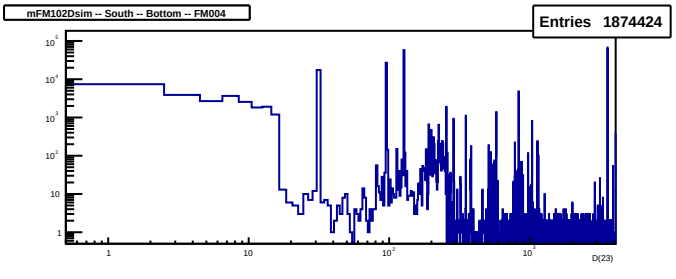
D(23)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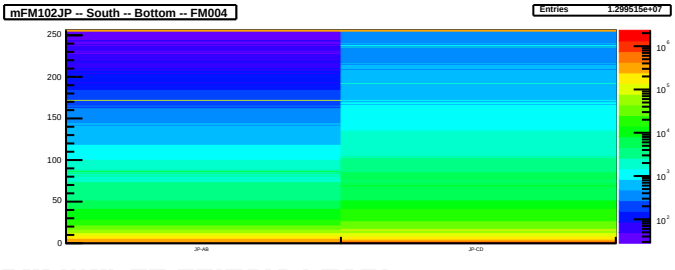
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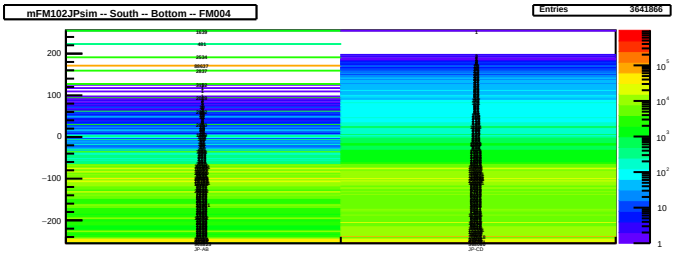
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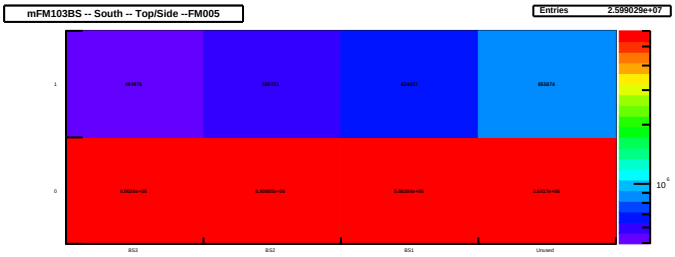
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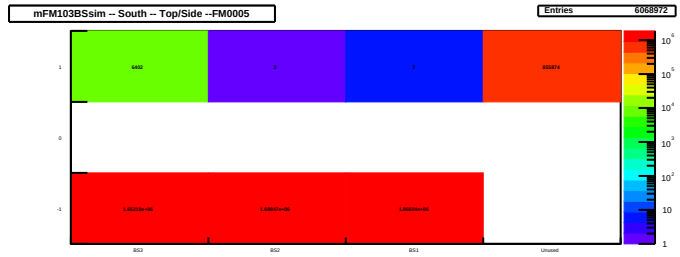
Entries 2.599029e+07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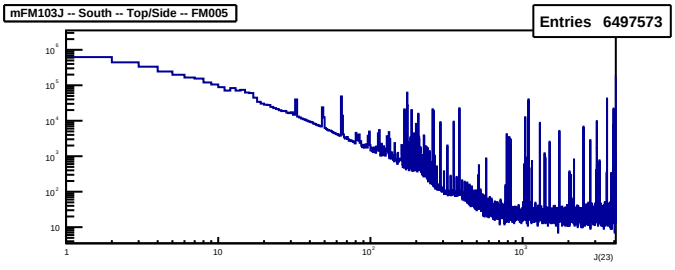
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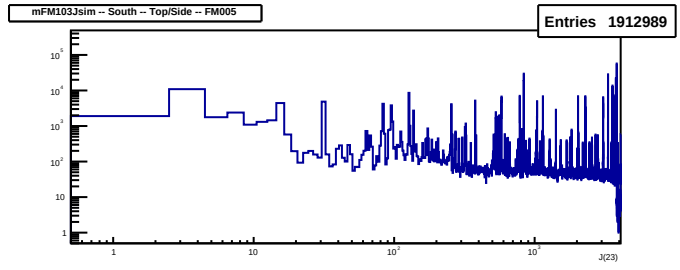
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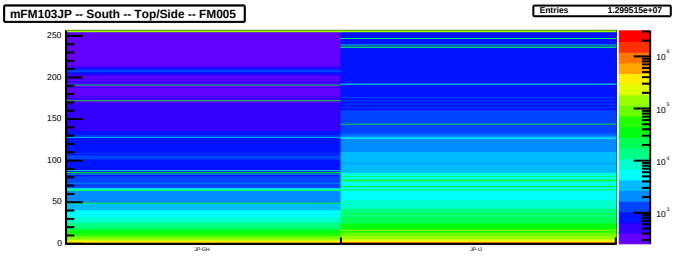
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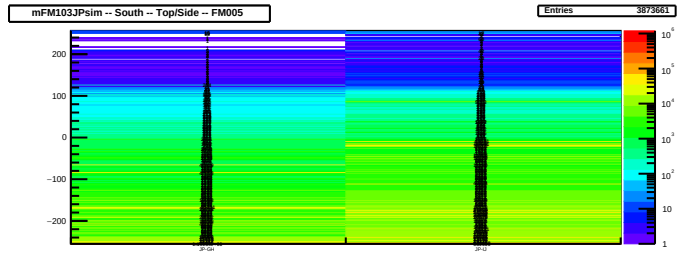
Entries 1.299515e+07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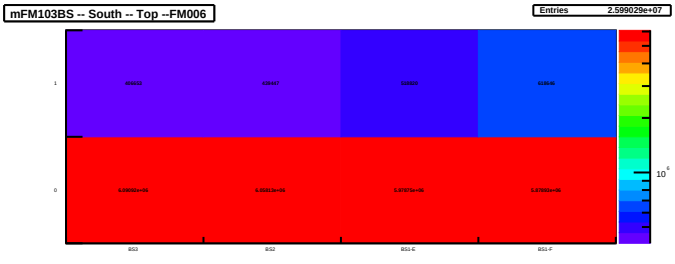
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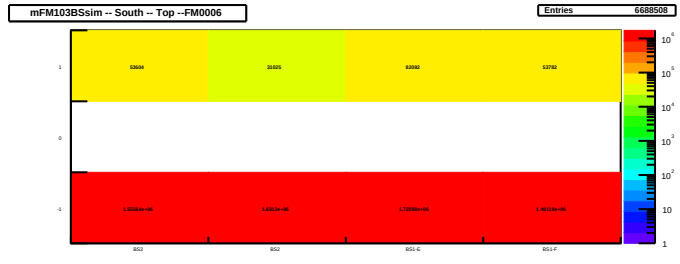
Entries 2.599029e+07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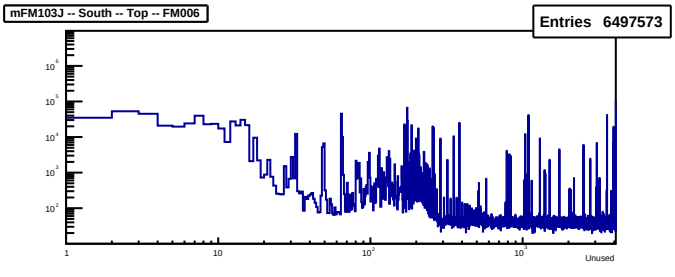
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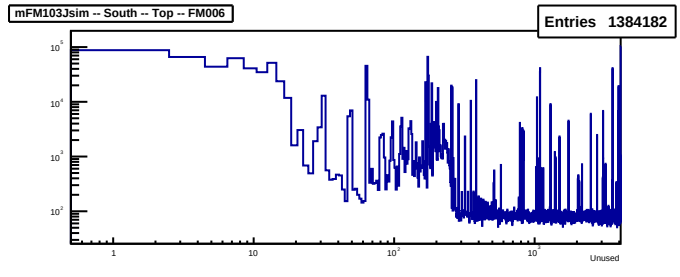
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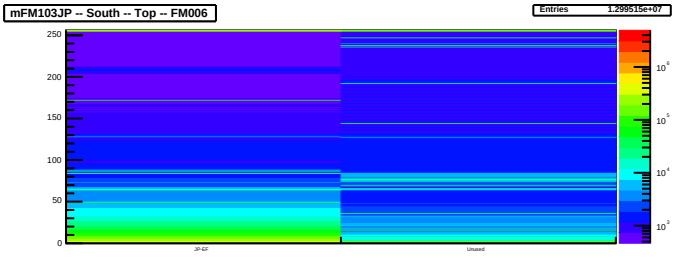
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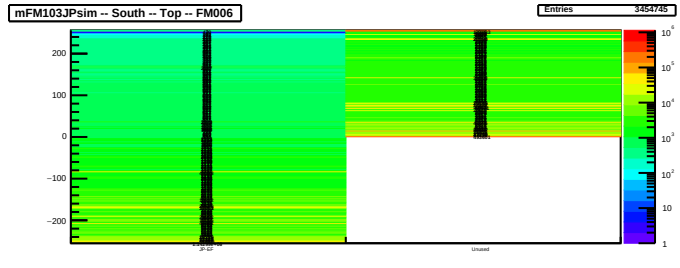
Entries 1.299515e+07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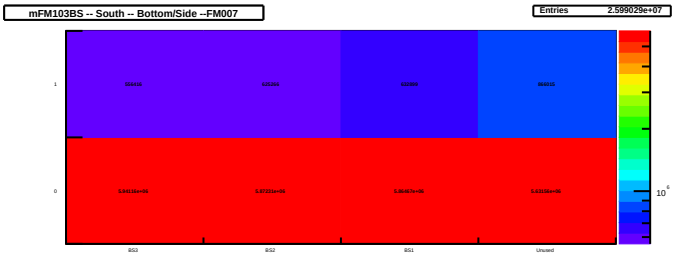
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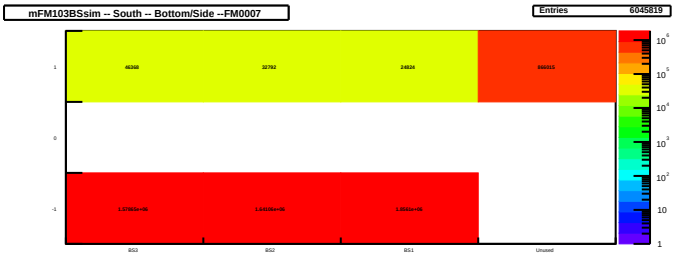
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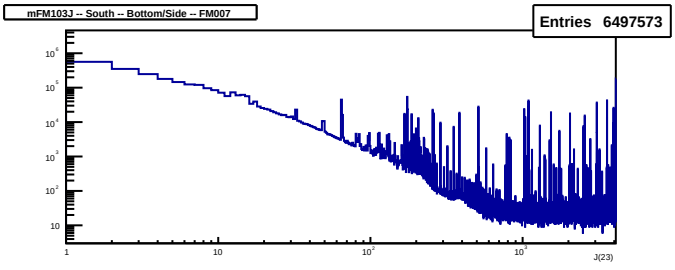
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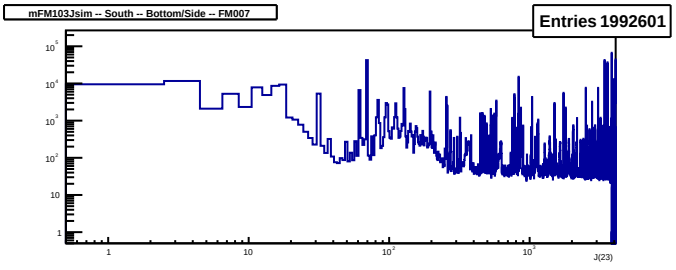
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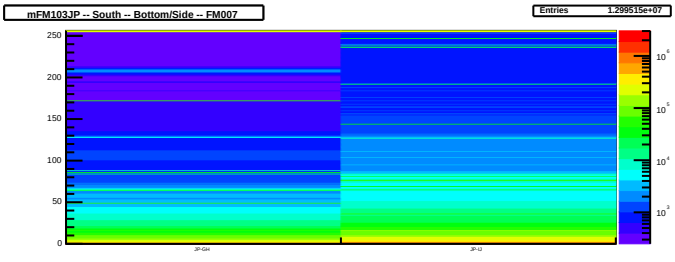
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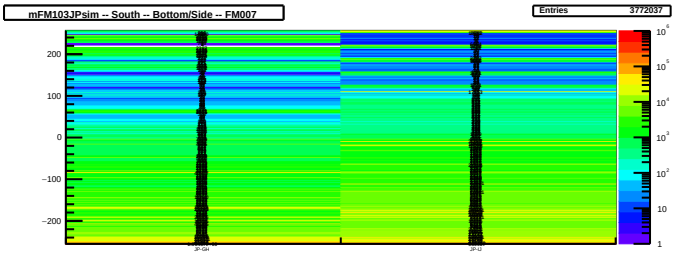
Entries 1.299515e+07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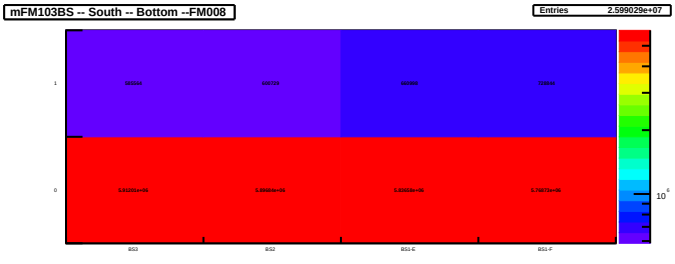
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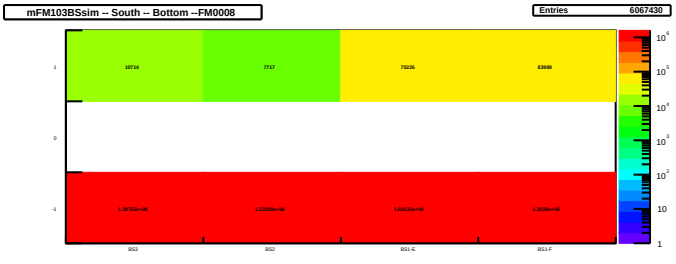
Entries 2.599029e+07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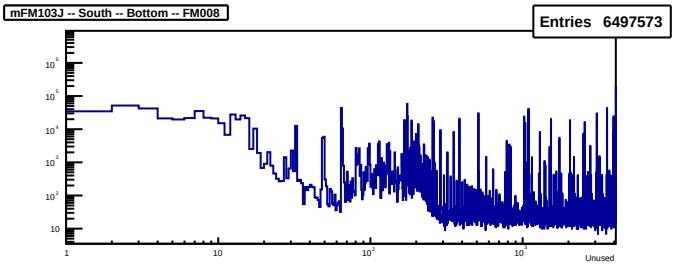
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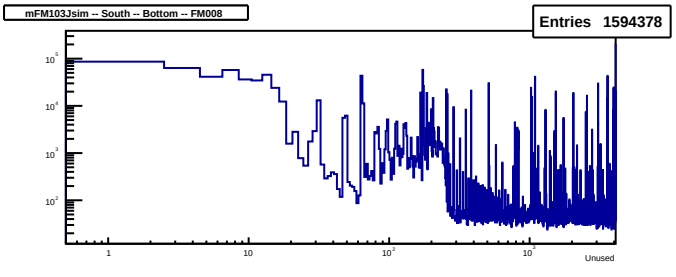
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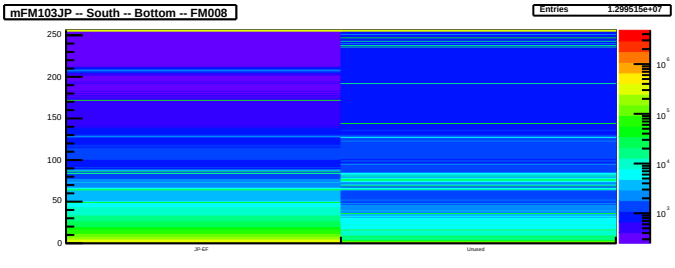
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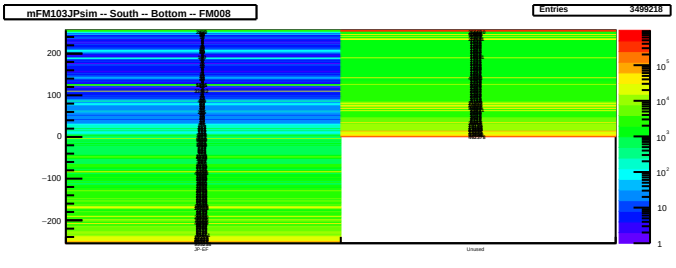
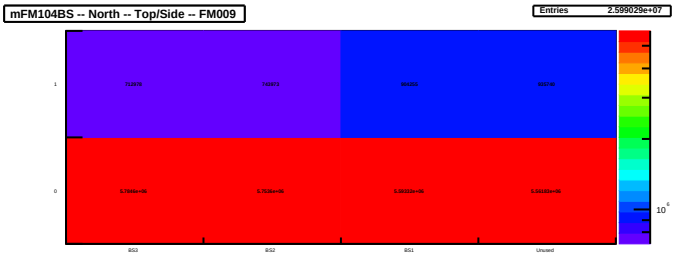
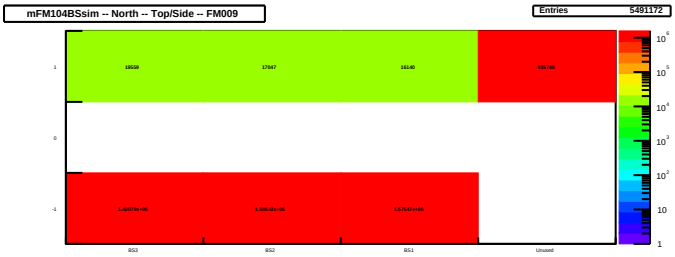
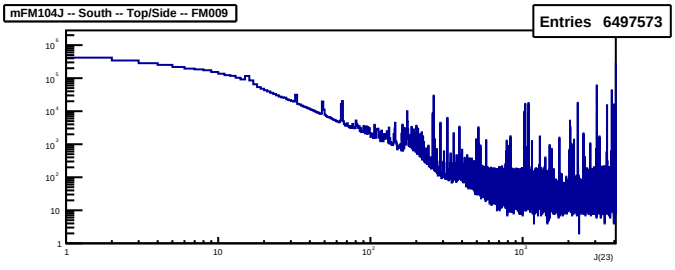
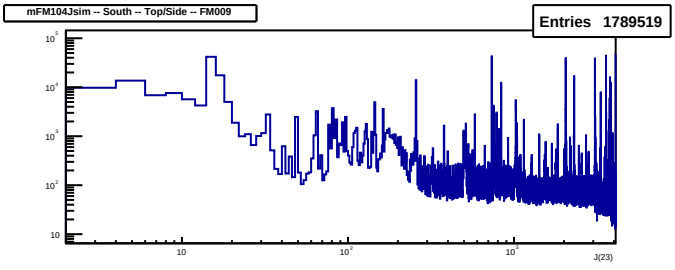
Entries 1.299515e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3499218


mFM104BS -- North -- Top/Side -- FM009
Entries 2.599029e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5491172


mFM104J -- South -- Top/Side -- FM009
Entries 6497573
J(23)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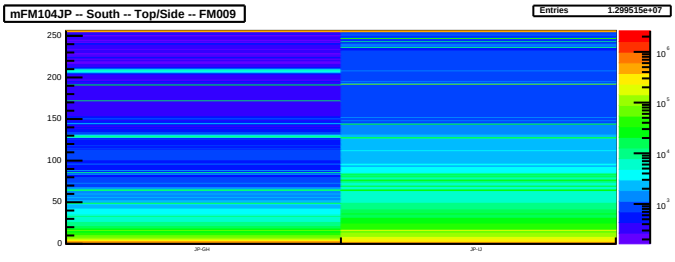
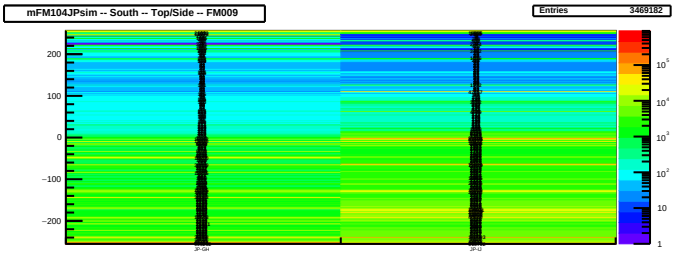
Entries 1789519
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.299515e+07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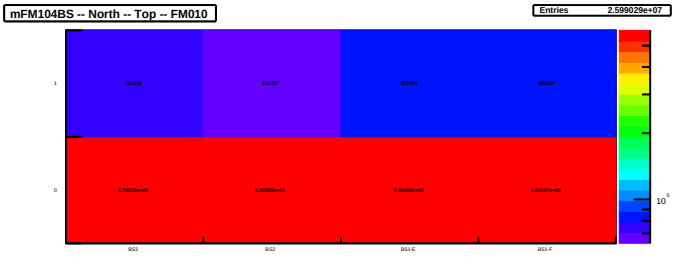
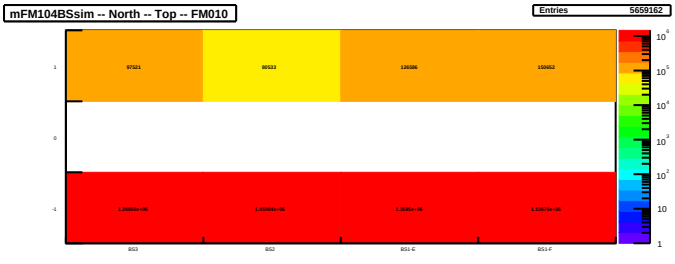
Entries 3469182


mFM104BS -- North -- Top -- FM010
Entries 2.599029e+07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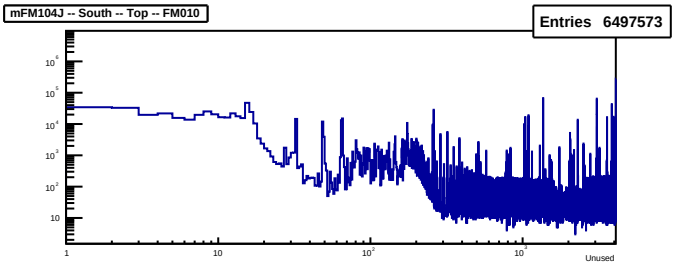
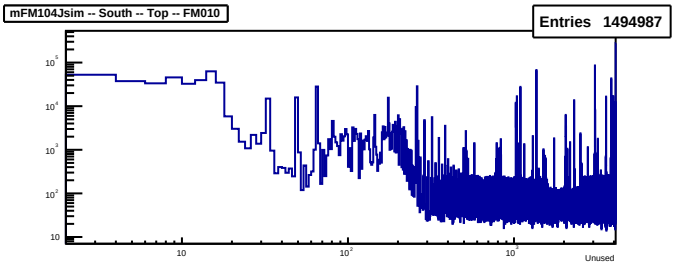
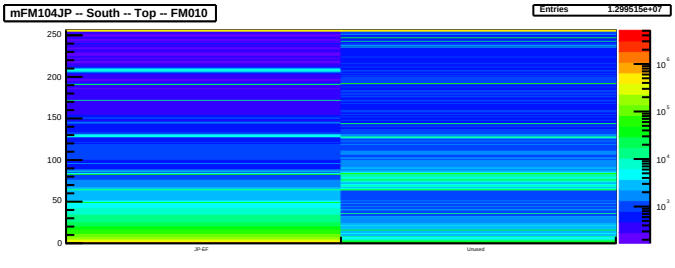
Entries 5659162


mFM104J -- South -- Top -- FM010
Entries 6497573
Unused


mFM104Jsim -- South -- Top -- FM010
Entries 1494987
Unused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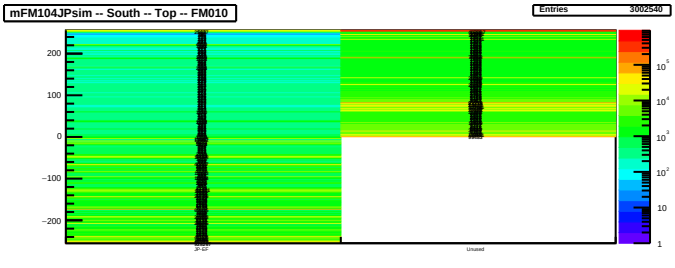
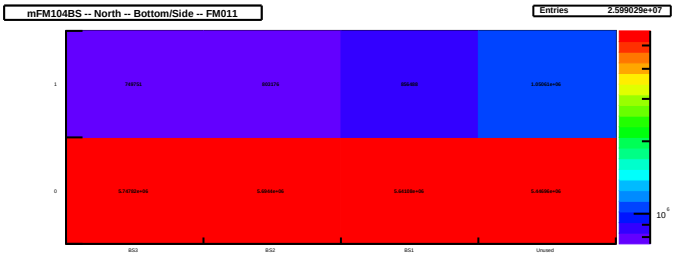
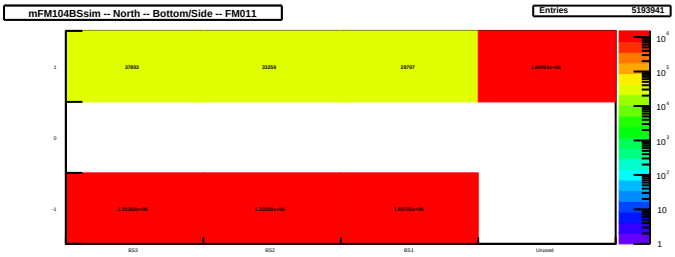
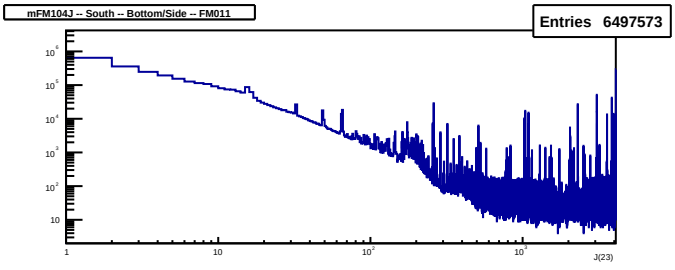
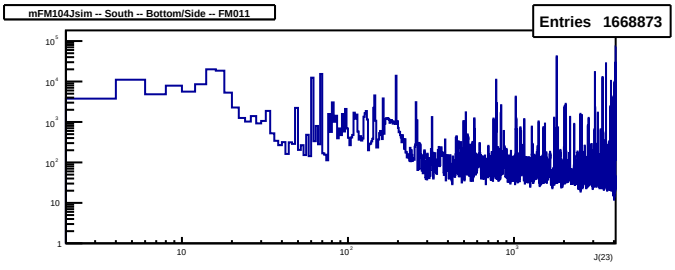
Entries 1.299515e+07

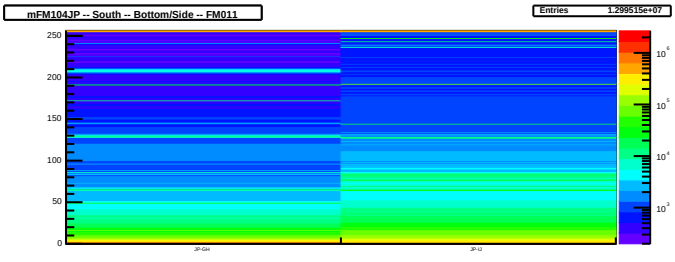

mFM104JPsim -- South -- Top -- FM010
Entries 3002540

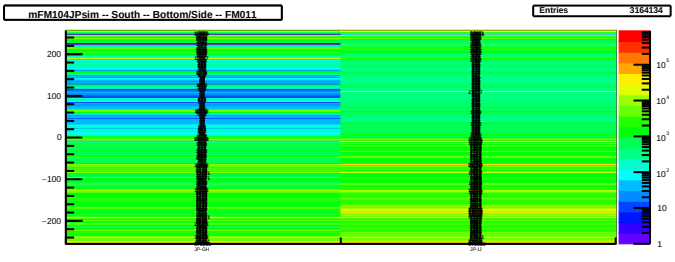

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.599029e+07

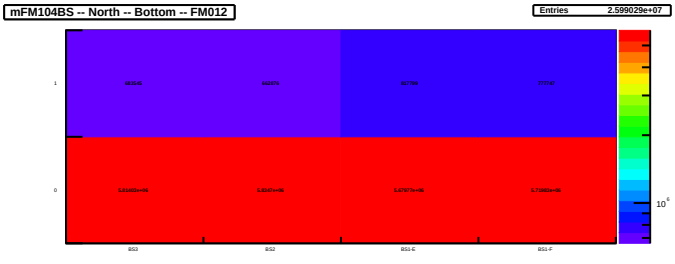

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5193941

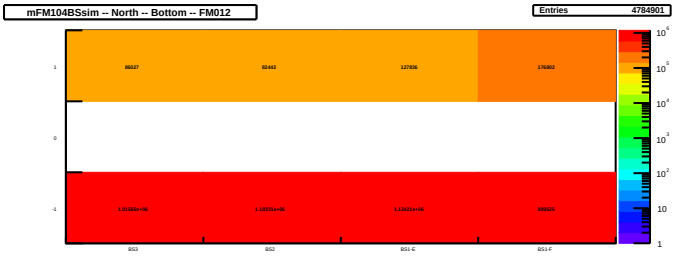

mFM104J -- South -- Bottom/Side -- FM011
Entries 6497573
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1668873
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.299515e+07


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3164134


mFM104BS -- North -- Bottom -- FM012
Entries 2.599029e+07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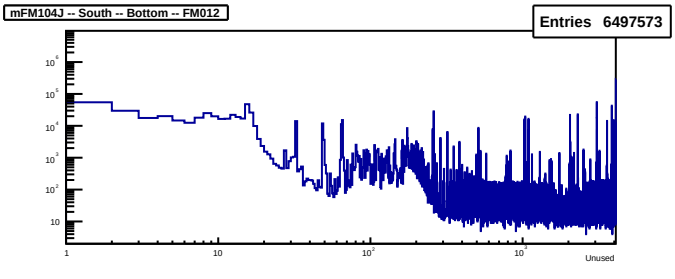
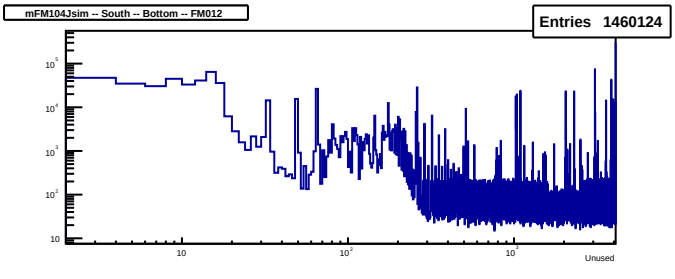
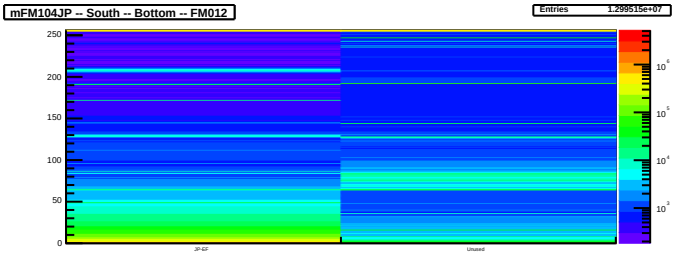
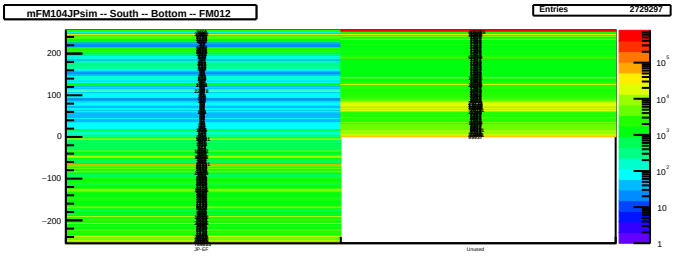
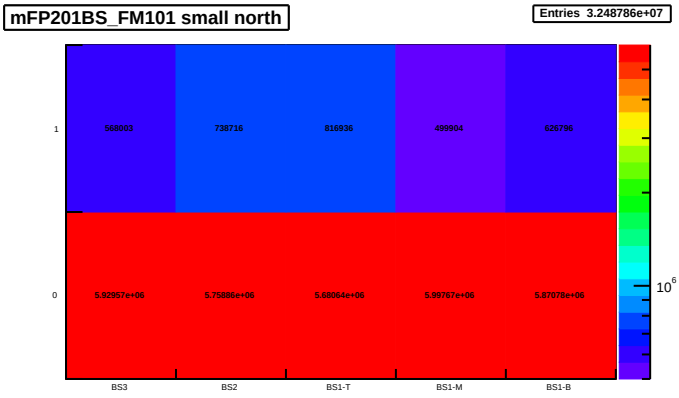
Entries 4784901

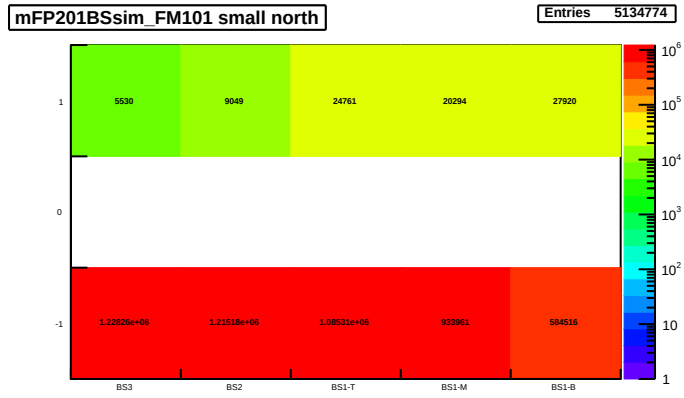

mFM104J -- South -- Bottom -- FM012
Entries 6497573
Unused

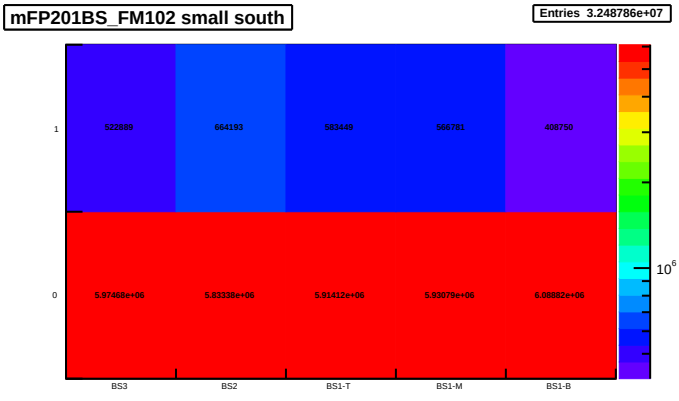

mFM104Jsim -- South -- Bottom -- FM012
Entries 1460124
Unused

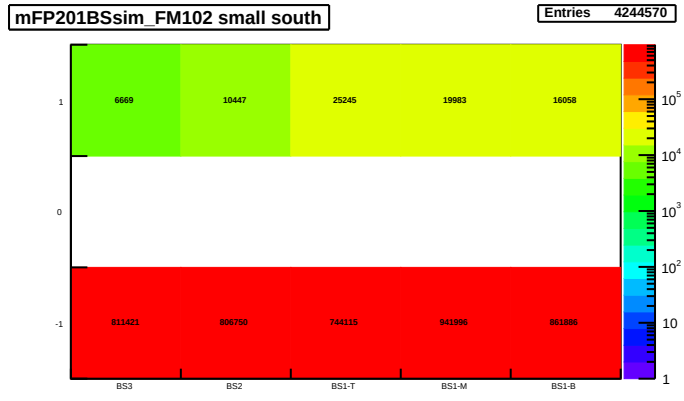

mFM104JP -- South -- Bottom -- FM012
Entries 1.299515e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2729297


mFP201BS_FM101 small north
Entries 3.248786e+07
1
0
568003
738716
816936
499904
626796
5.92957e+06
5.75886e+06
5.68064e+06
5.99767e+06
5.87078e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 5134774
1
0
-1
5530
9049
24761
20294
27920
1.22826e+06
1.21518e+06
1.08531e+06
933961
584516
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 3.248786e+07
1
0
522889
684193
583449
566781
408750
5.97468e+06
5.83338e+06
5.91412e+06
5.93079e+06
6.08882e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 4244570
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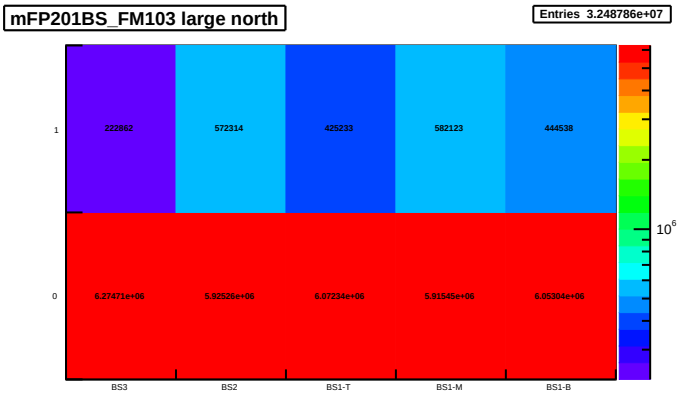
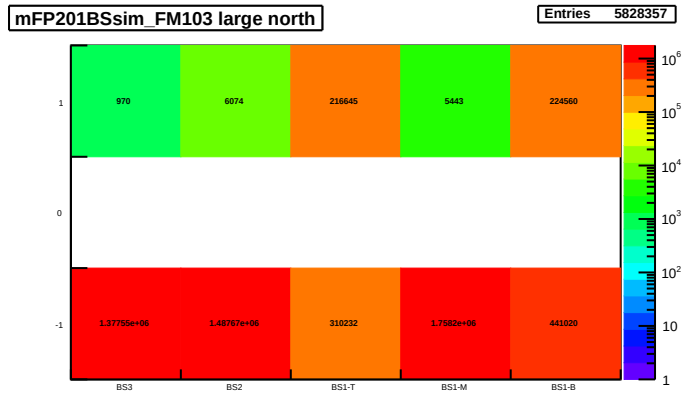
0
-1
6669
10447
25245
19983
16058
811421
806750
744115
941996
861886
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 3.248786e+07
1
0
222862
572314
425233
582123
444538
6.27471e+06
5.92526e+06
6.07234e+06
5.91545e+06
6.05304e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 5828357
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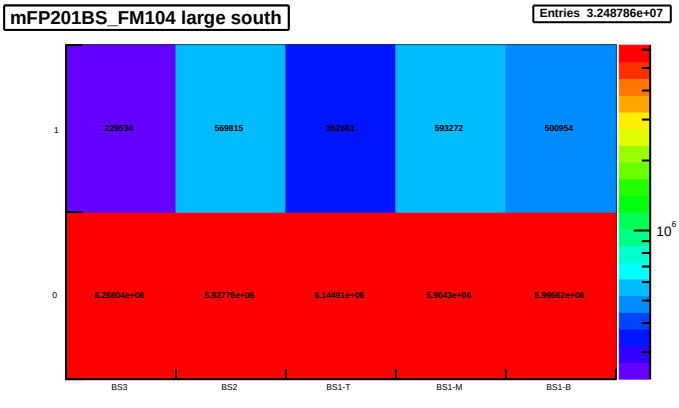
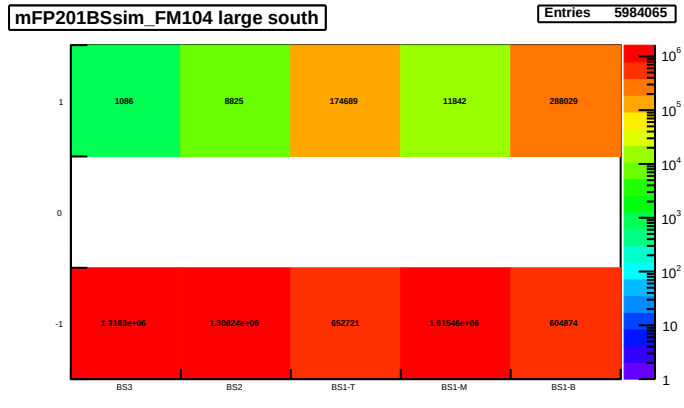
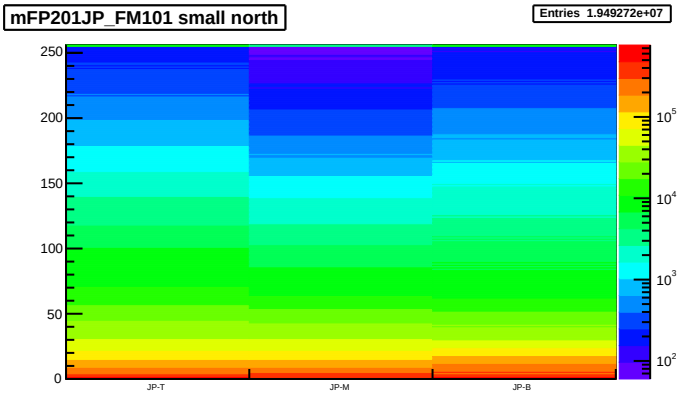
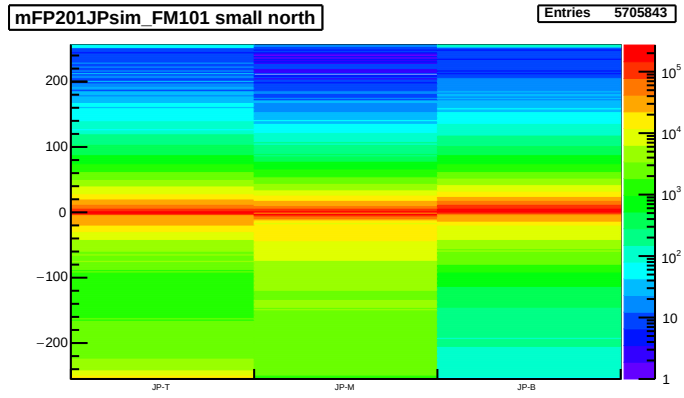
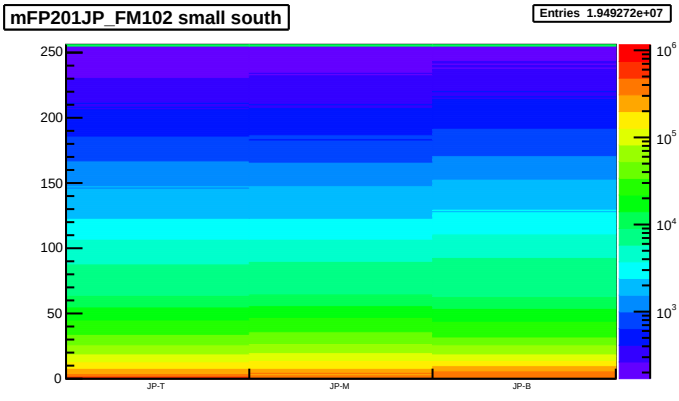
0
-1
970
6074
216645
5443
224560
1.37755e+06
1.48767e+06
310232
1.7582e+06
441020
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

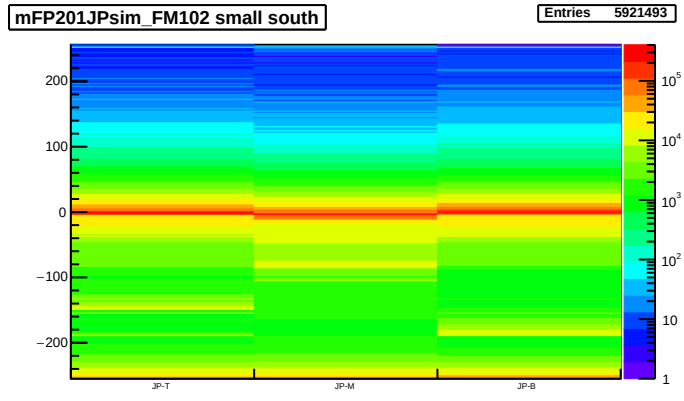

mFP201BS_FM104 large south
Entries 3.248786e+07
1
0
229534
569815
352661
593272
500954
6.26804e+06
5.92776e+06
6.14491e+06
5.9043e+06
5.99662e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

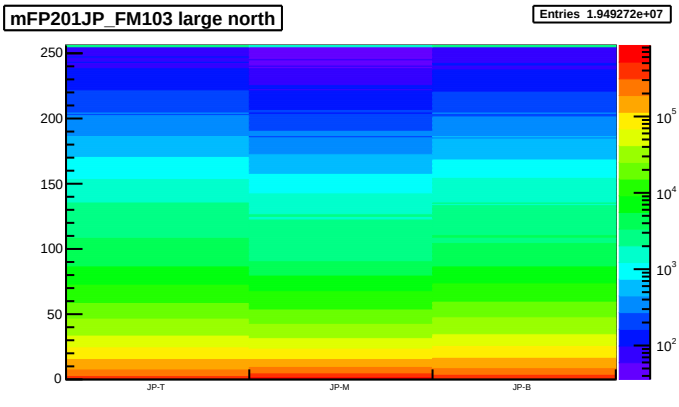

mFP201BSsim_FM104 large south
Entries 5984065
1
0
-1
1086
8825
174689
11842
288029
1.3183e+06
1.30824e+06
652721
1.61546e+06
604874
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

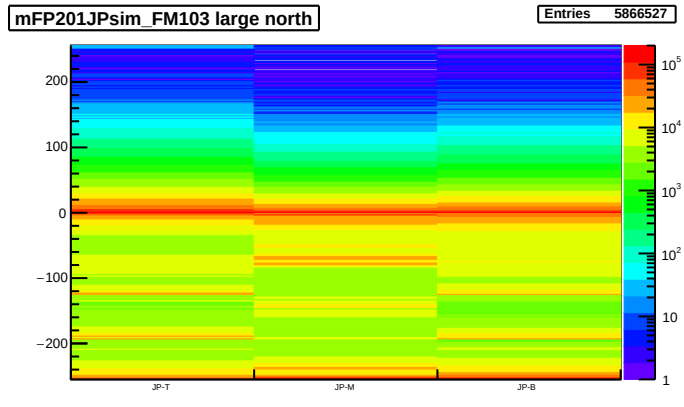

mFP201JP_FM101 small north
Entries 1.949272e+07
JP-T
JP-M
JP-B

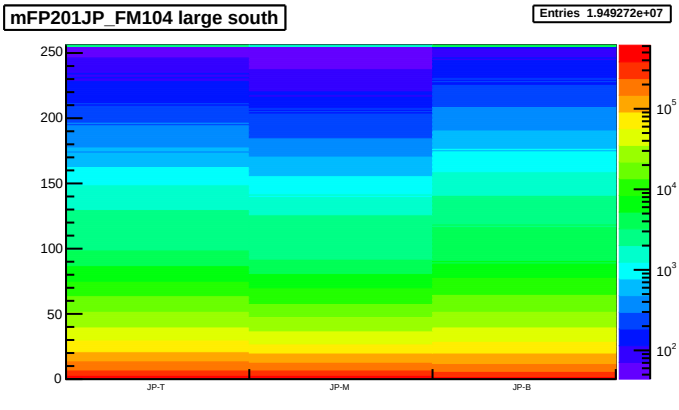

mFP201JPsim_FM101 small north
Entries 5705843
JP-T
JP-M
JP-B

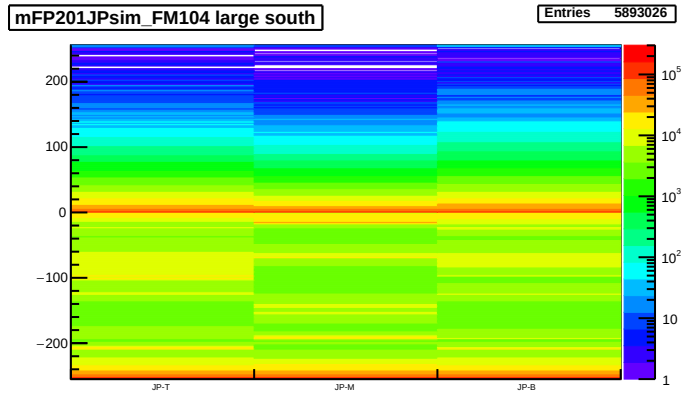

mFP201JP_FM102 small south
Entries 1.949272e+07
JP-T
JP-M
JP-B

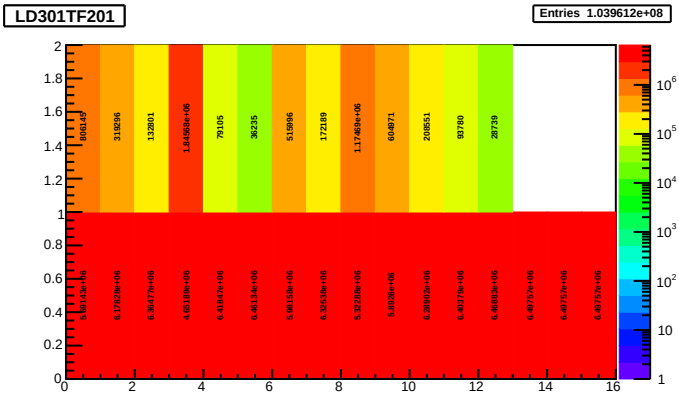

mFP201JPsim_FM102 small south
Entries 5921493
JP-T
JP-M
JP-B

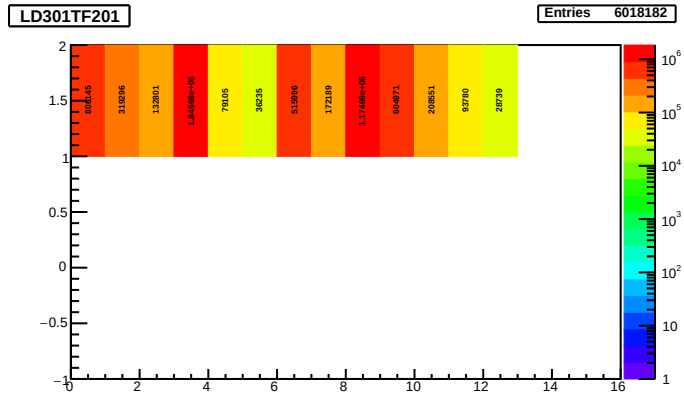

mFP201JP_FM103 large north
Entries 1.949272e+07
JP-T
JP-M
JP-B

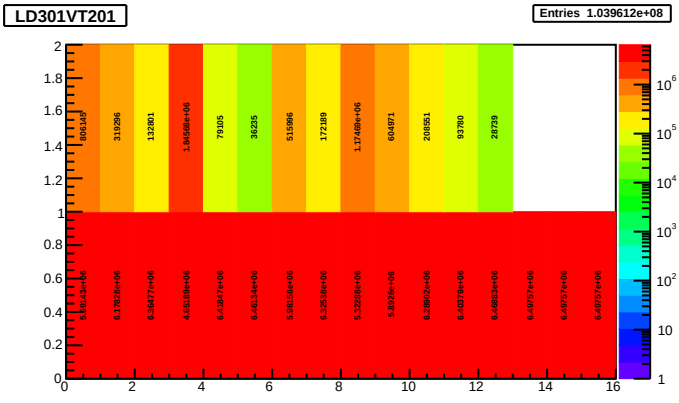

mFP201JPsim_FM103 large north
Entries 5866527
JP-T
JP-M
JP-B

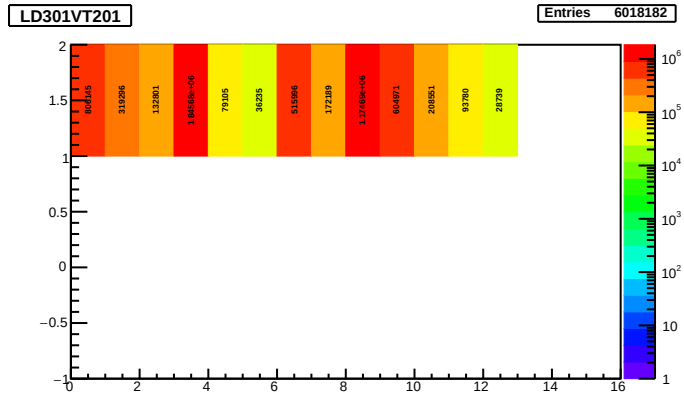

mFP201JP_FM104 large south
Entries 1.949272e+07
JP-T
JP-M
JP-B

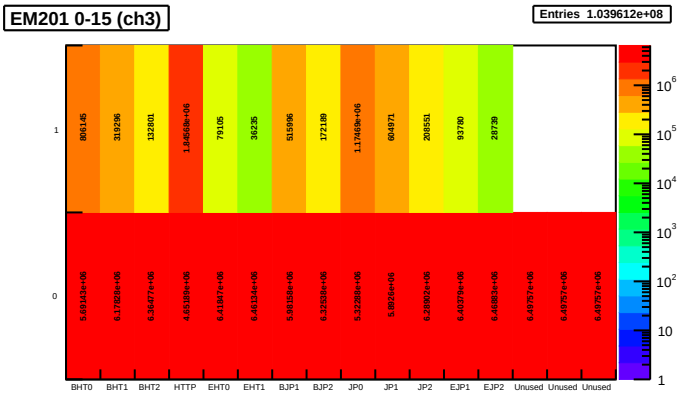

mFP201JPsim_FM104 large south
Entries 5893026
JP-T
JP-M
JP-B


LD301TF201
Entries 1.039612e+08


LD301TF201
Entries 6018182


LD301VT201
Entries 1.039612e+08


LD301VT201
Entries 6018182


EM201 0-15 (ch3)
Entries 1.039612e+08
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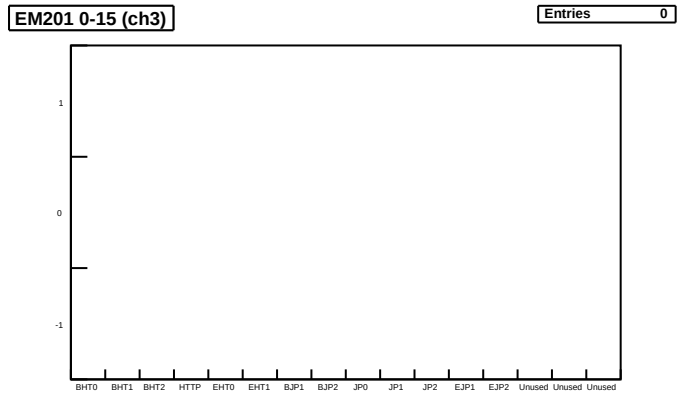
EM201 0-15 (ch3)
Entries 0
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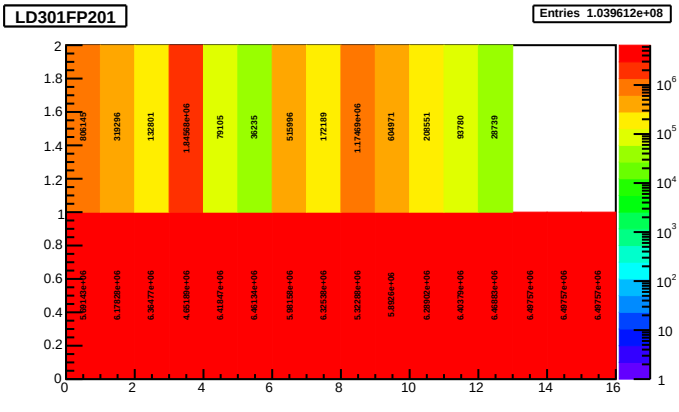
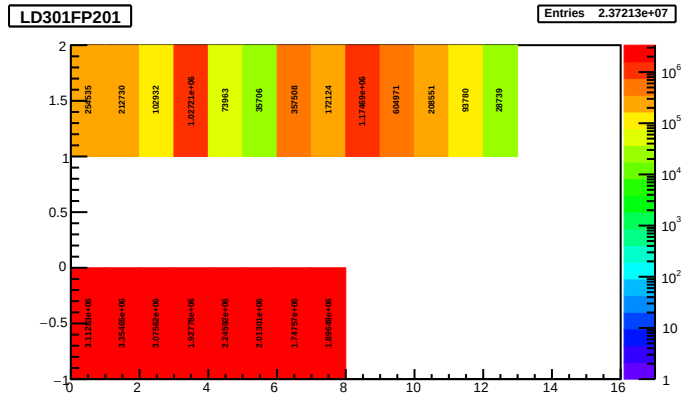

LD301FP201
Entries 1.039612e+08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