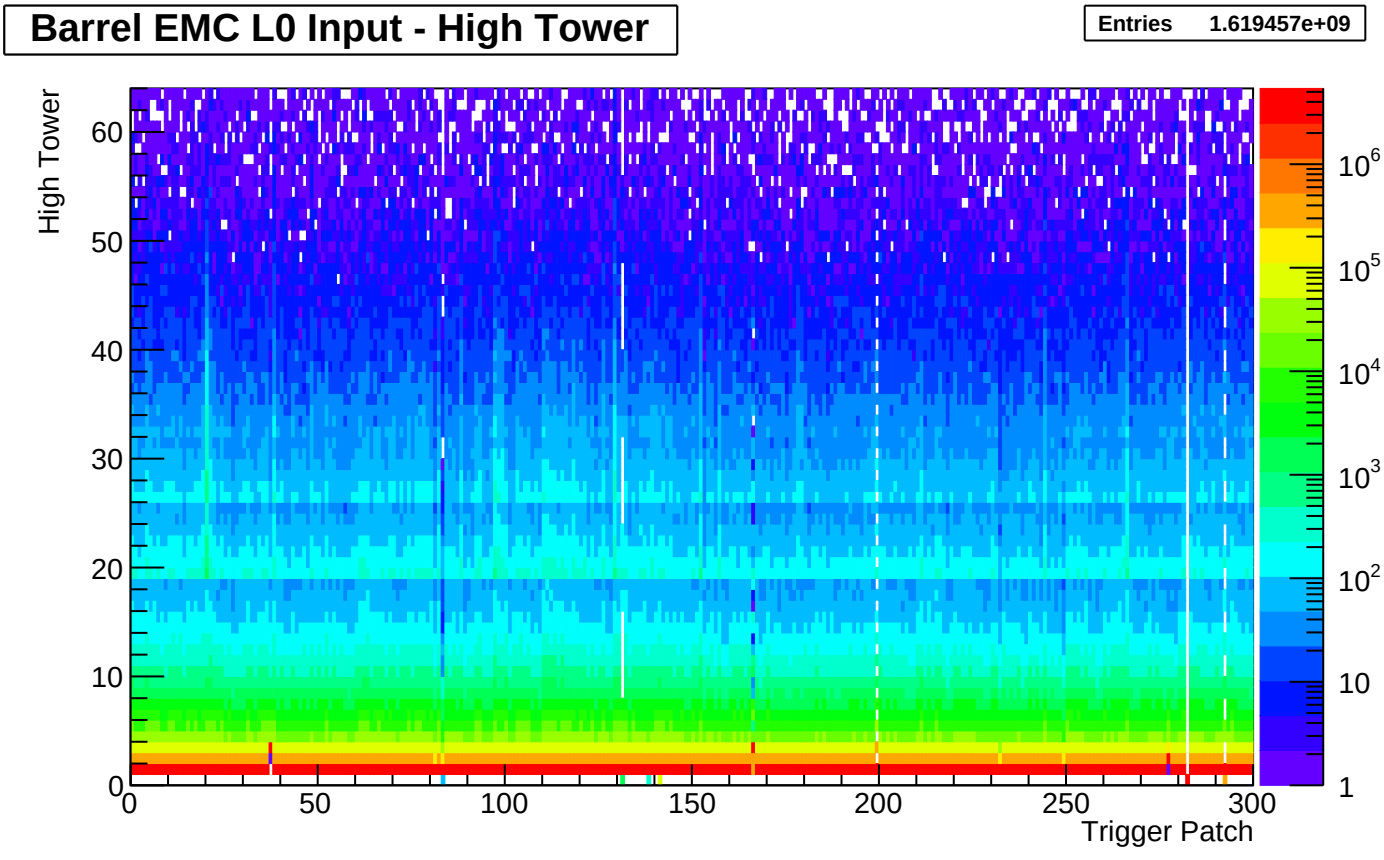
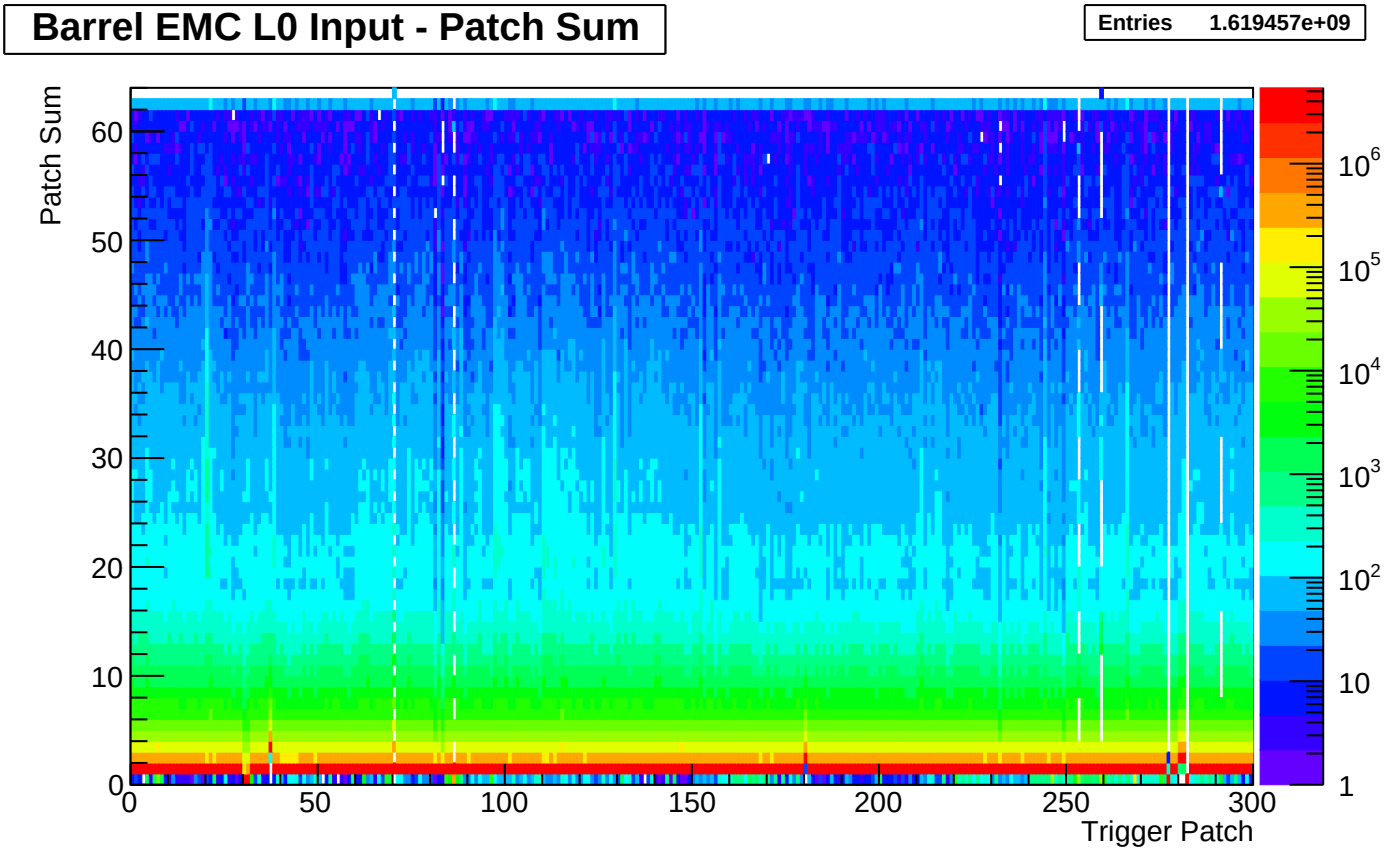
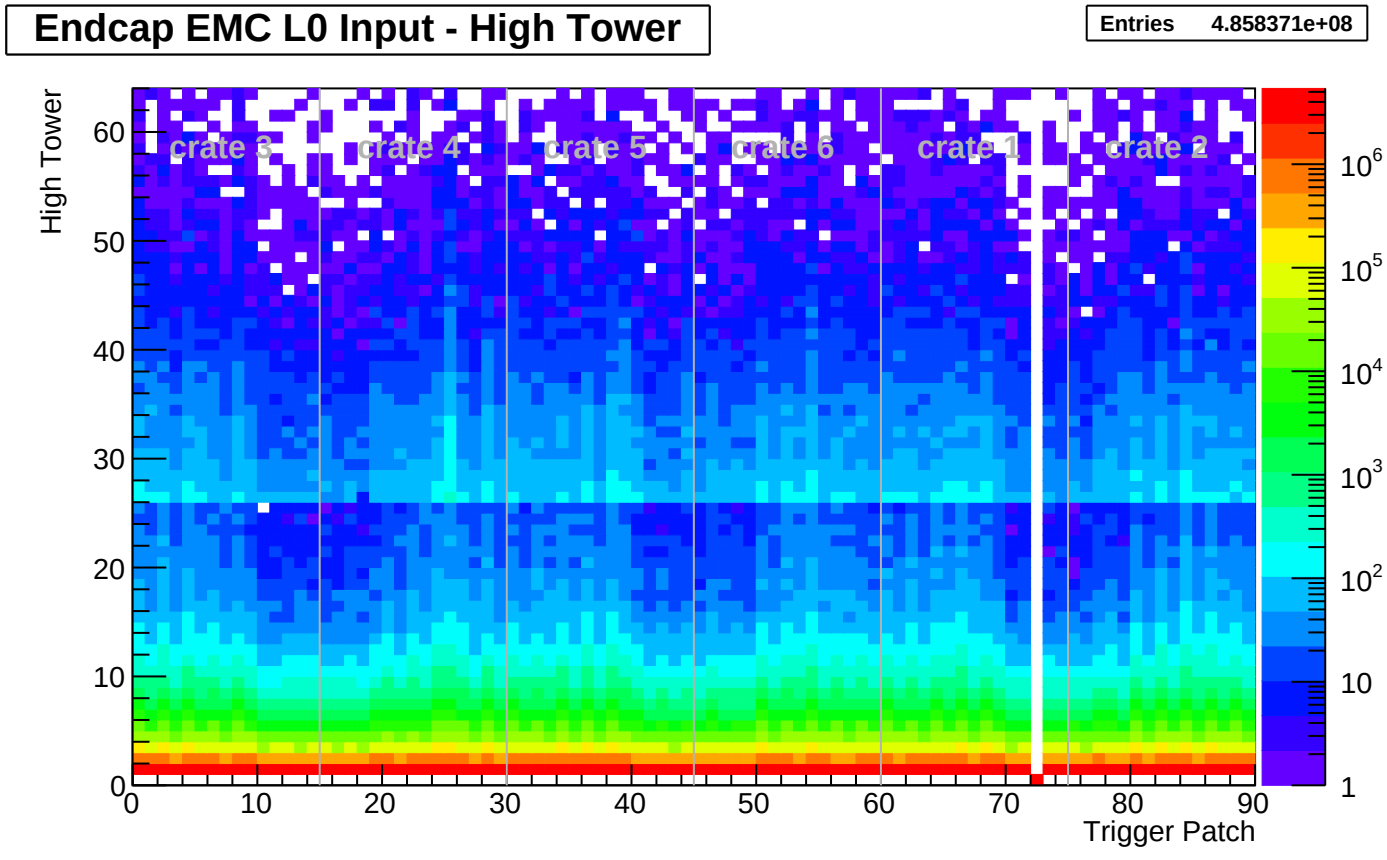
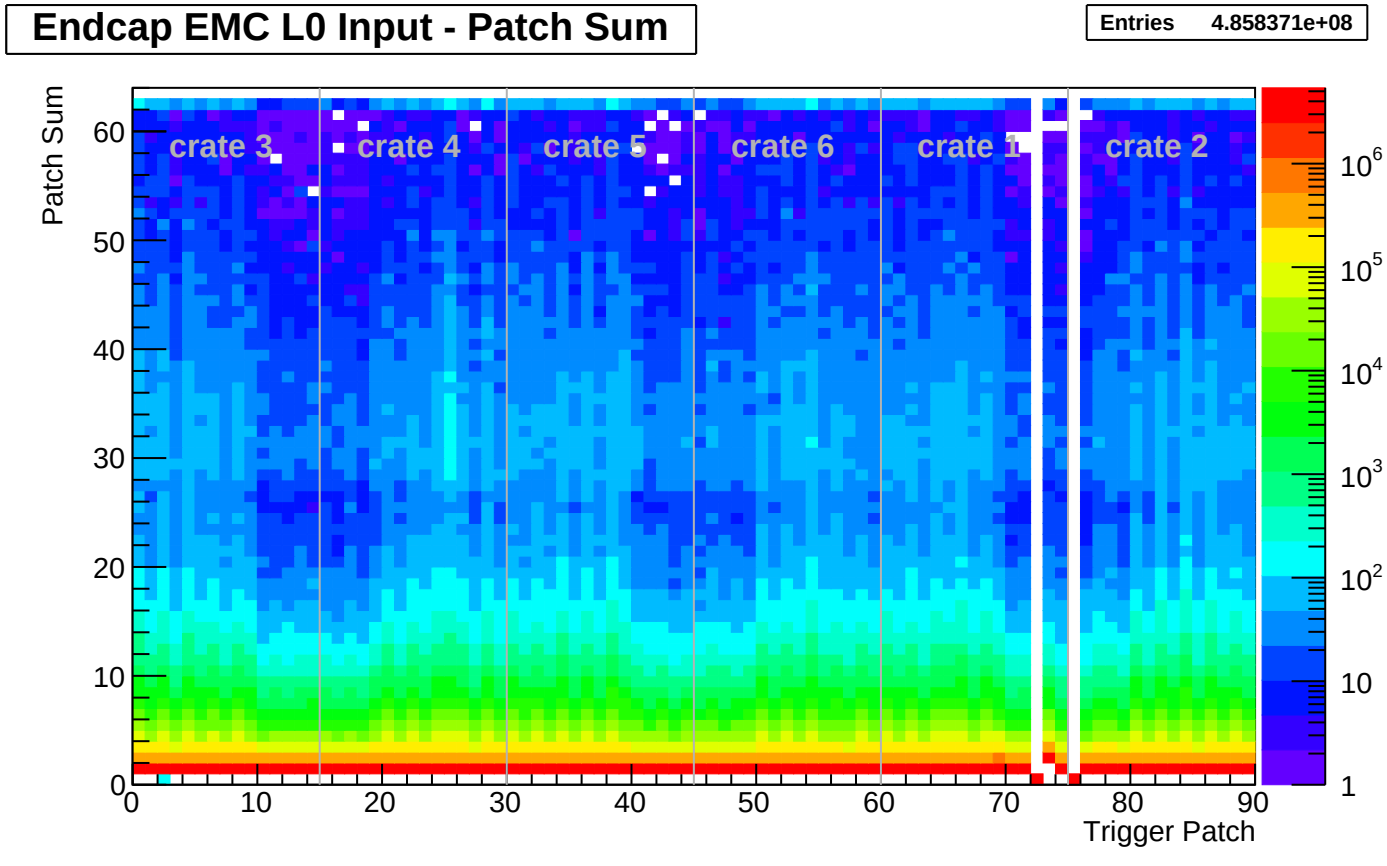
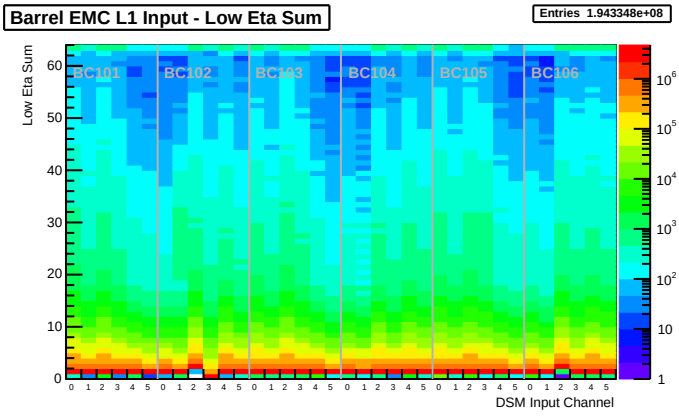
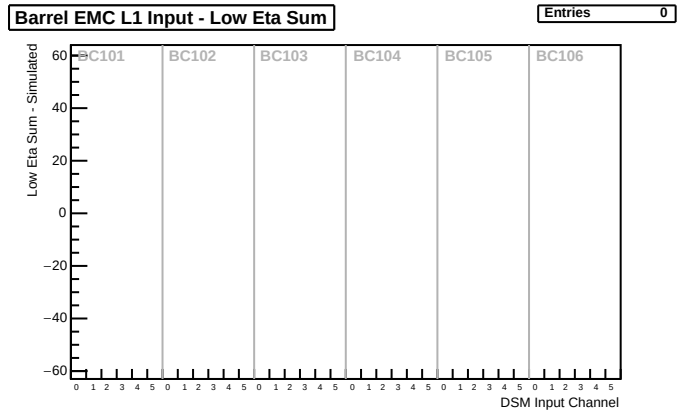

Barrel EMC L0 Input - High Tower
Entries 1.619457e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

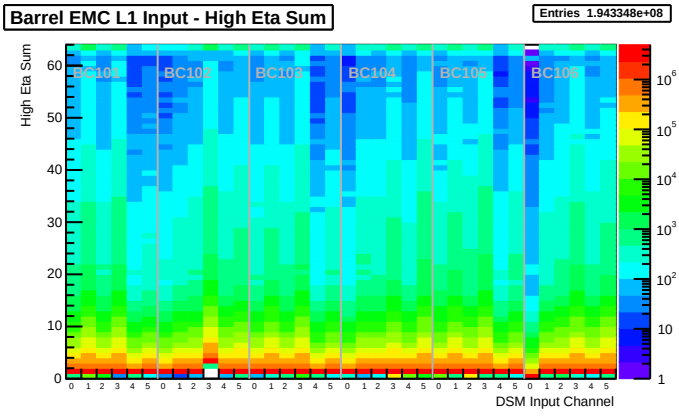

Barrel EMC L0 Input - Patch Sum
Entries 1.619457e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

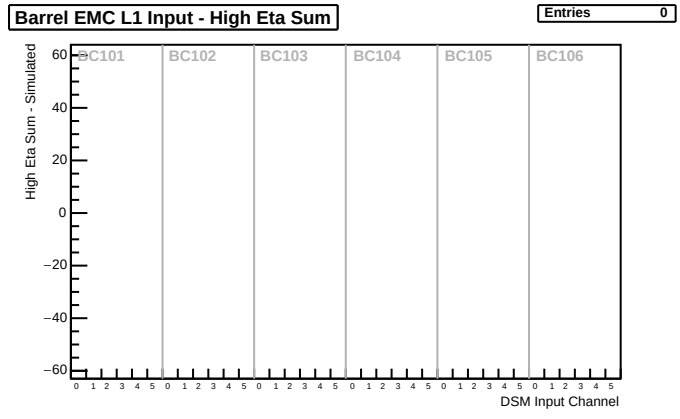

Endcap EMC L0 Input - High Tower
Entries 4.858371e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

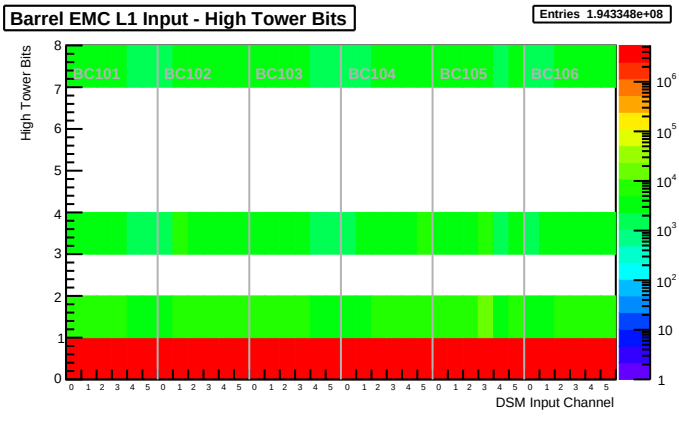

Endcap EMC L0 Input - Patch Sum
Entries 4.858371e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

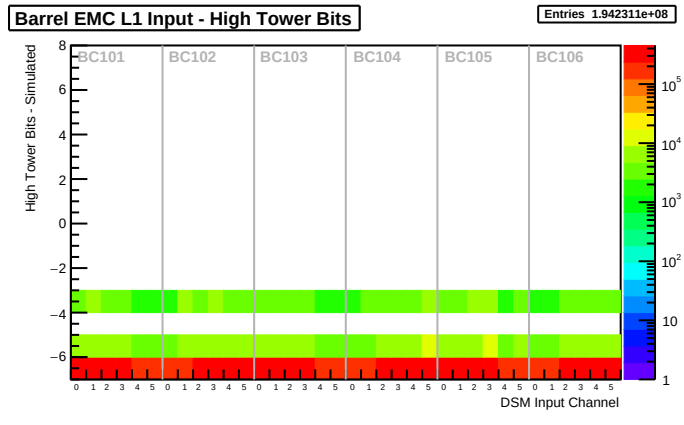

Barrel EMC L1 Input - Low Eta Sum
Entries 1.943348e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

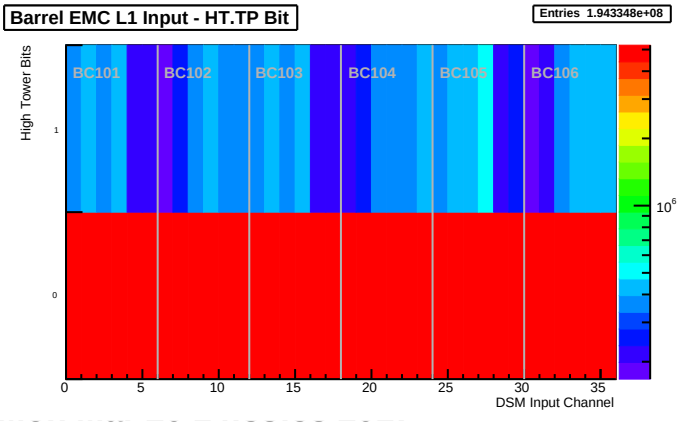

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

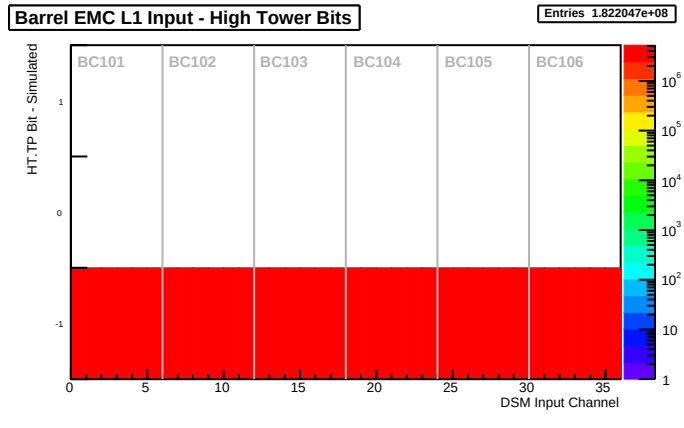

Barrel EMC L1 Input - High Eta Sum
Entries 1.943348e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

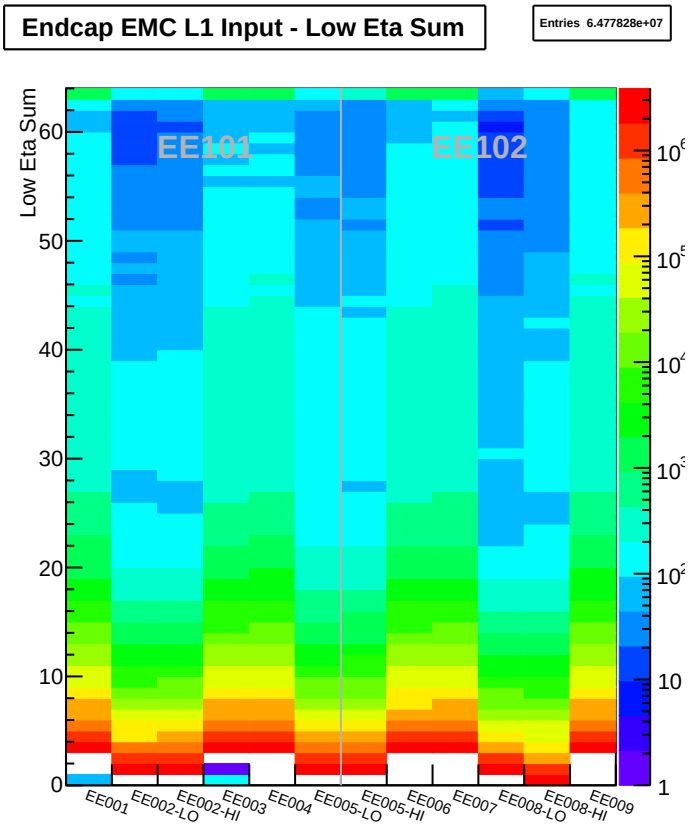

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

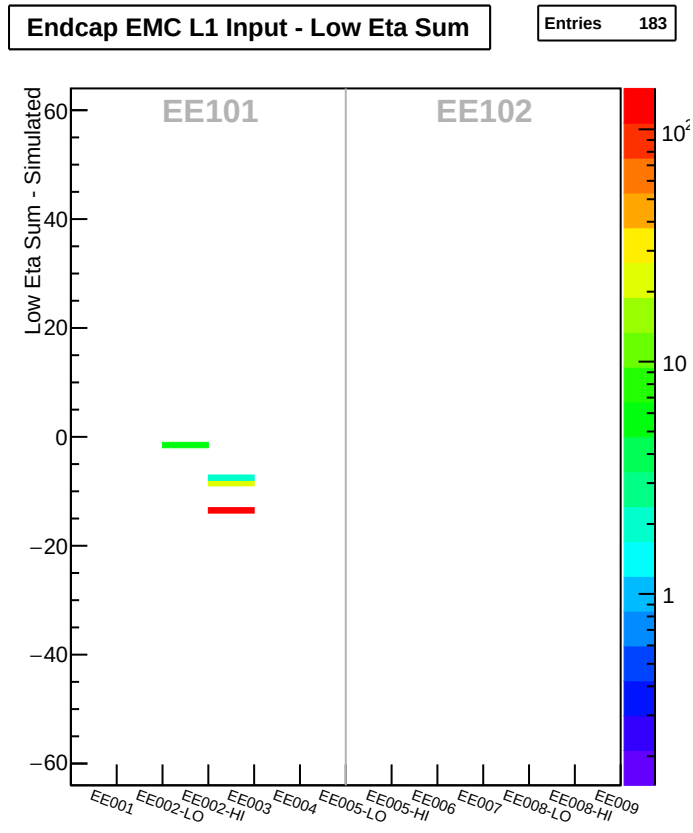

Barrel EMC L1 Input - High Tower Bits
Entries 1.943348e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

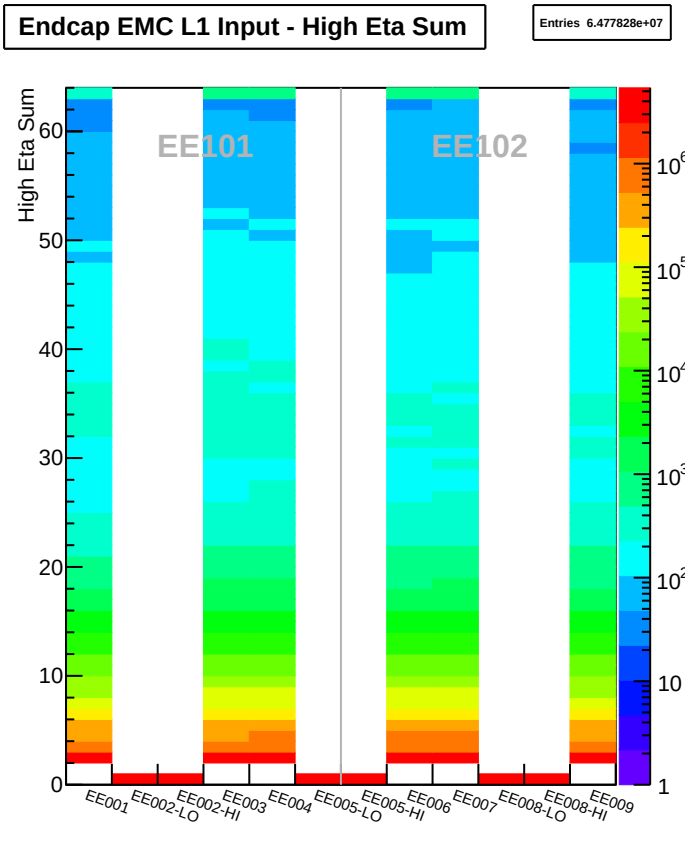

Barrel EMC L1 Input - High Tower Bits
Entries 1.942311e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

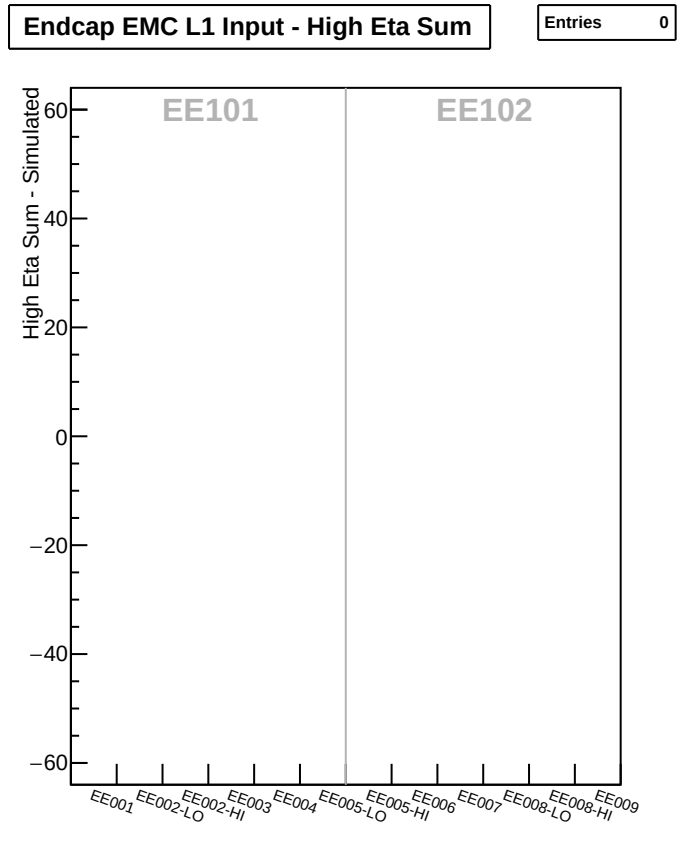

Barrel EMC L1 Input - HT.TP Bit
Entries 1.943348e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

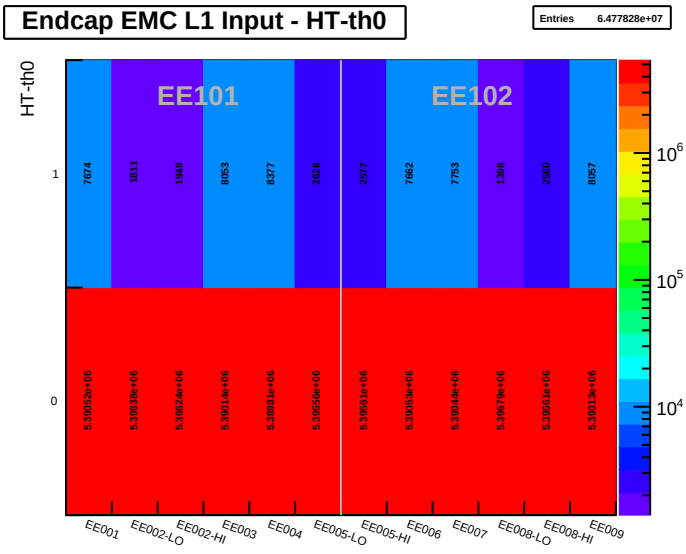

Barrel EMC L1 Input - High Tower Bits
Entries 1.822047e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

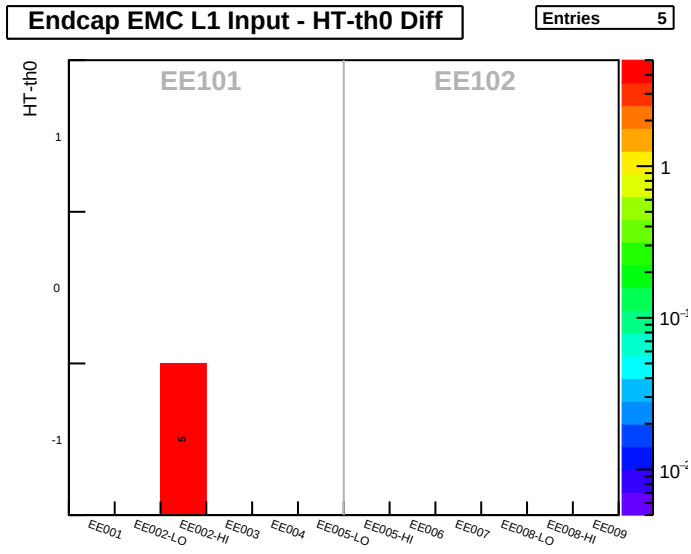

Endcap EMC L1 Input - Low Eta Sum
Entries 6.477828e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

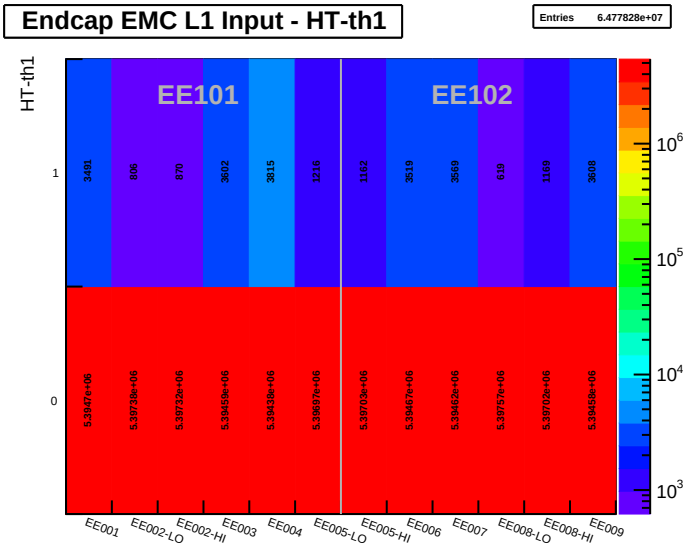

Endcap EMC L1 Input - Low Eta Sum
Entries 183
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

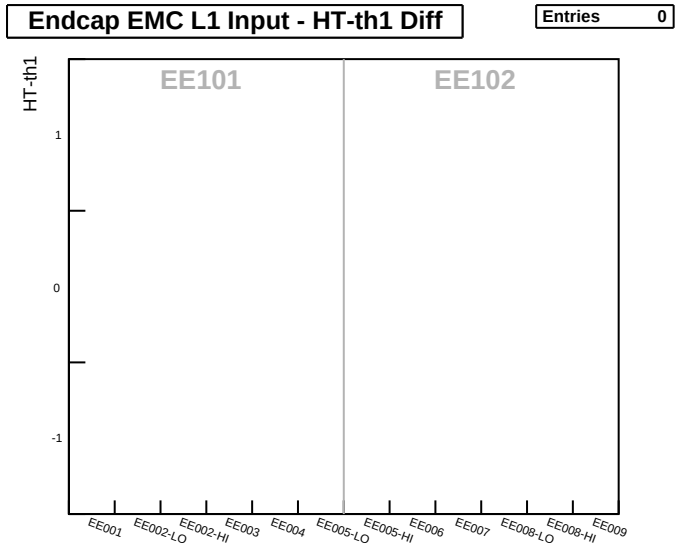

Endcap EMC L1 Input - High Eta Sum
Entries 6.477828e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

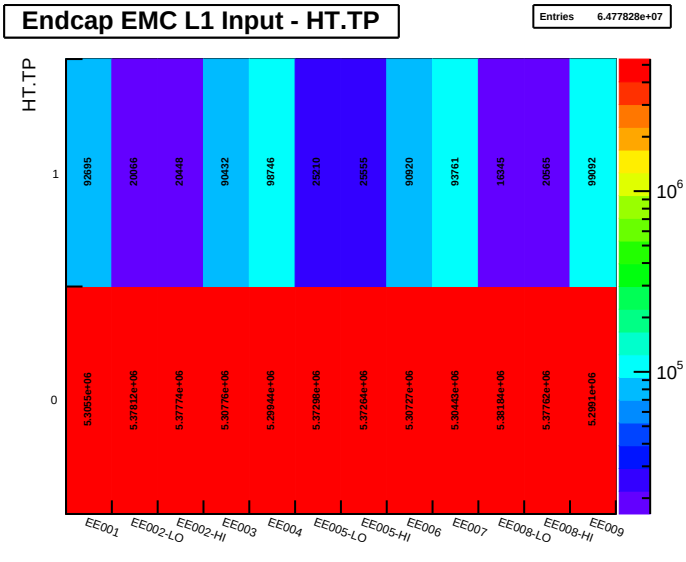

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

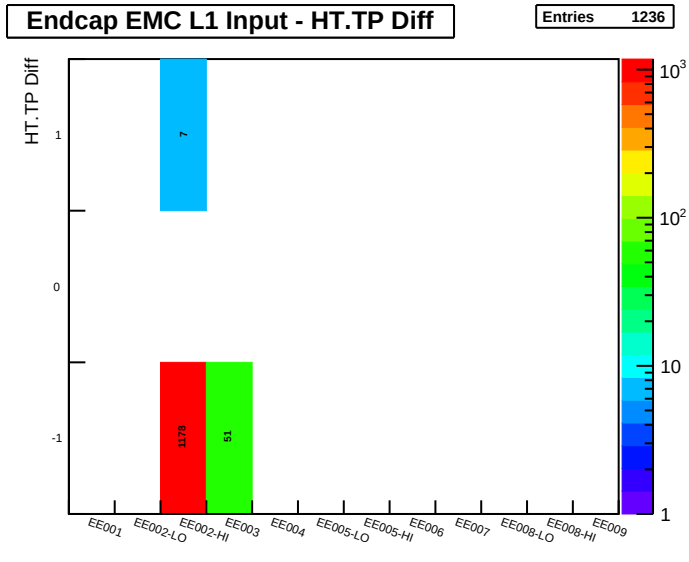

Endcap EMC L1 Input - HT-th0
Entries 6.477828e+07
HT-th0
EE101
EE102
7674 1811 1949 8053 8377 2628 2577 7662 7753 1398 2380 8057
5.39052e+06 5.39539e+06 5.39624e+06 5.39014e+06 5.38981e+06 5.39556e+06 5.39561e+06 5.39053e+06 5.39044e+06 5.39079e+06 5.39561e+06 5.39013e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

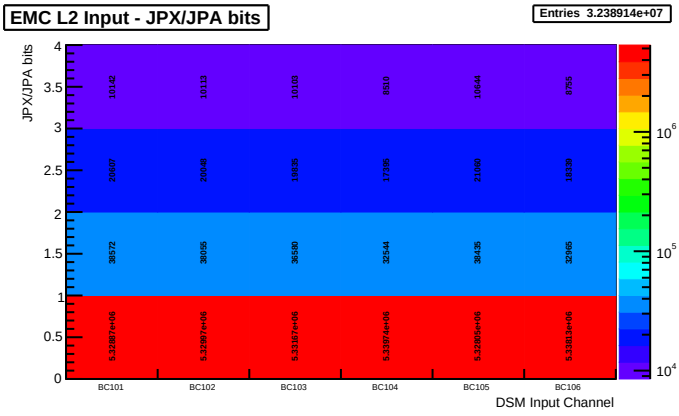

Endcap EMC L1 Input - HT-th0 Diff
Entries 5
HT-th0
EE101
EE102
5
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

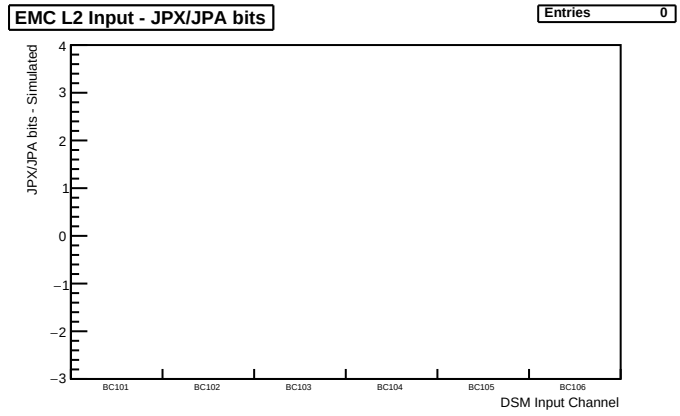

Endcap EMC L1 Input - HT-th1
Entries 6.477828e+07
HT-th1
EE101
EE102
3491 806 870 3602 3815 1216 1162 3519 3569 610 1169 3608
5.39947e+06 5.39739e+06 5.39732e+06 5.39459e+06 5.39438e+06 5.39697e+06 5.39703e+06 5.39467e+06 5.39462e+06 5.39757e+06 5.39702e+06 5.39458e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

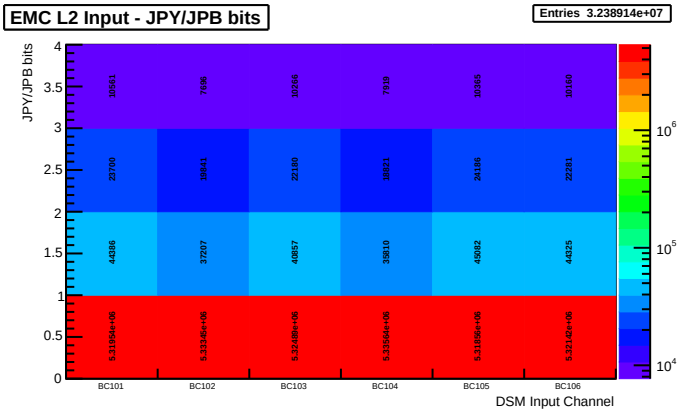

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

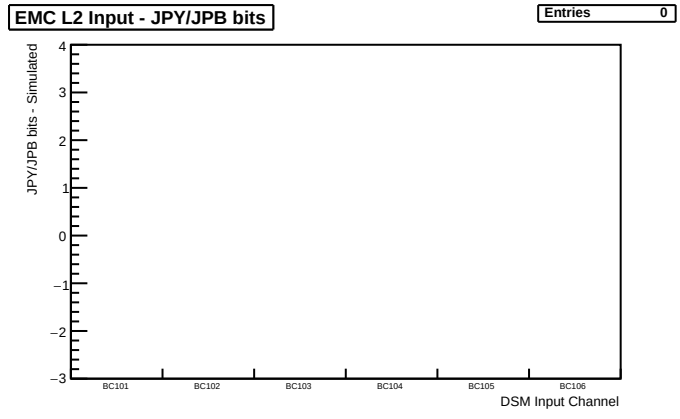

Endcap EMC L1 Input - HT.TP
Entries 6.477828e+07
HT.TP
92695 20066 20448 90432 98746 25210 25555 90920 93761 16345 20565 99092
5.3055e+06 5.37812e+06 5.37774e+06 5.30776e+06 5.29944e+06 5.37298e+06 5.37264e+06 5.30727e+06 5.30443e+06 5.30184e+06 5.37782e+06 5.2991e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

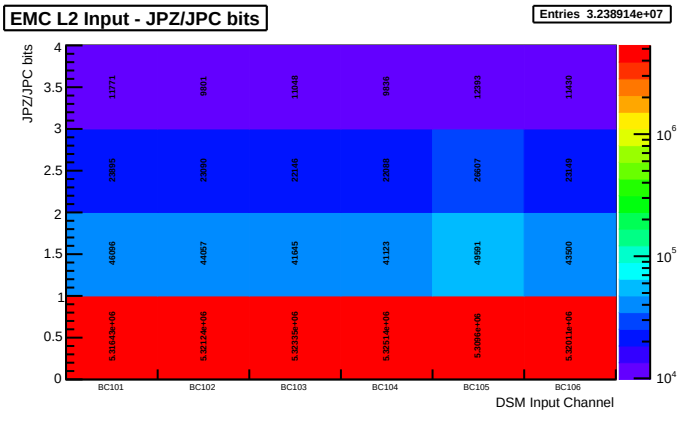

Endcap EMC L1 Input - HT.TP Diff
Entries 1236
HT.TP Diff
7
1178
51
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

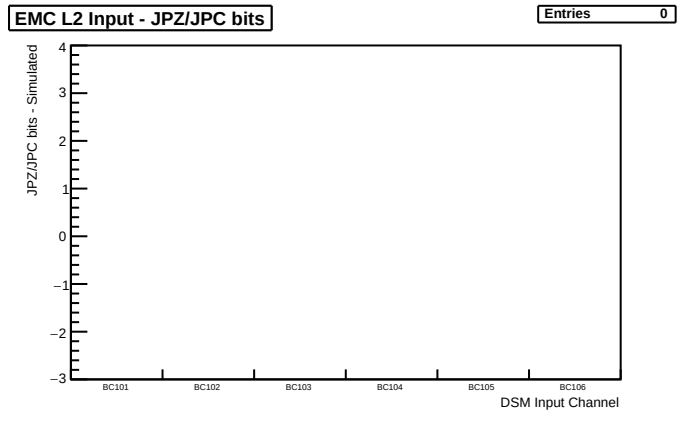

EMC L2 Input - JPX/JPA bits
Entries 3.238914e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

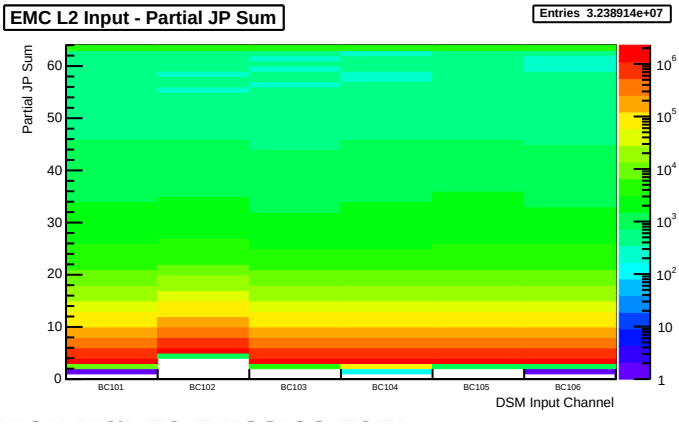

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

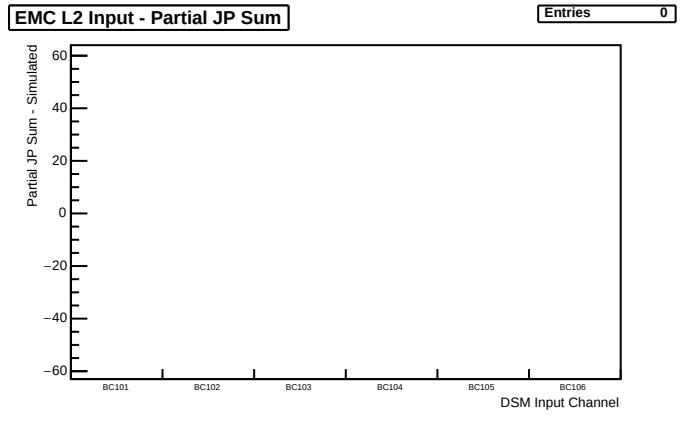

EMC L2 Input - JPY/JPB bits
Entries 3.238914e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

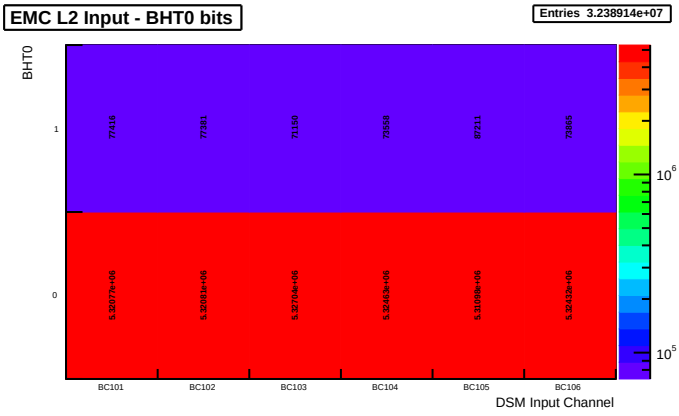

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

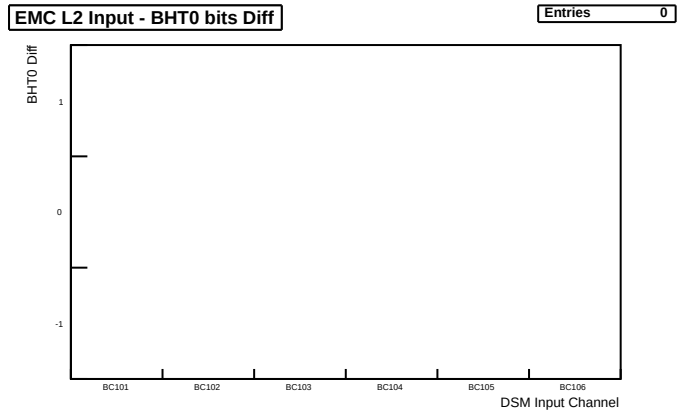

EMC L2 Input - JPZ/JPC bits
Entries 3.238914e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

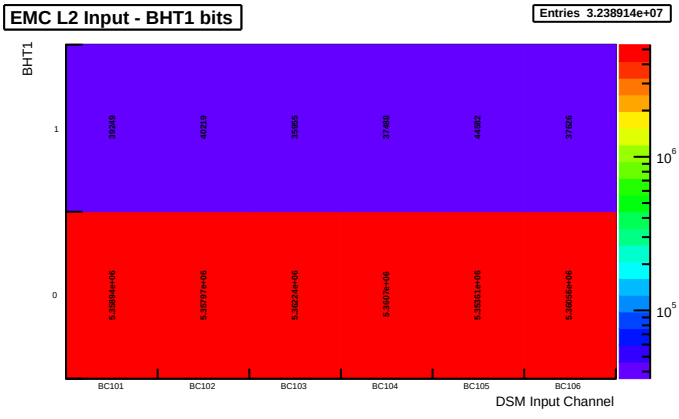

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

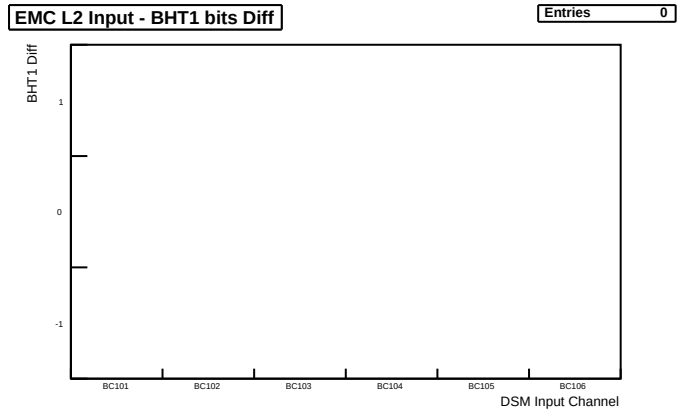

EMC L2 Input - Partial JP Sum
Entries 3.238914e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

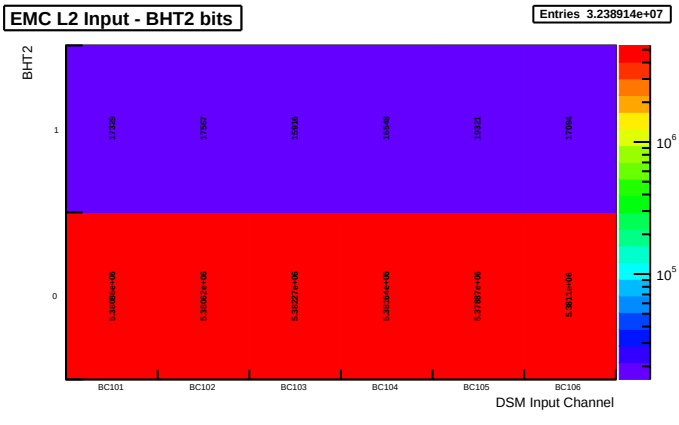

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

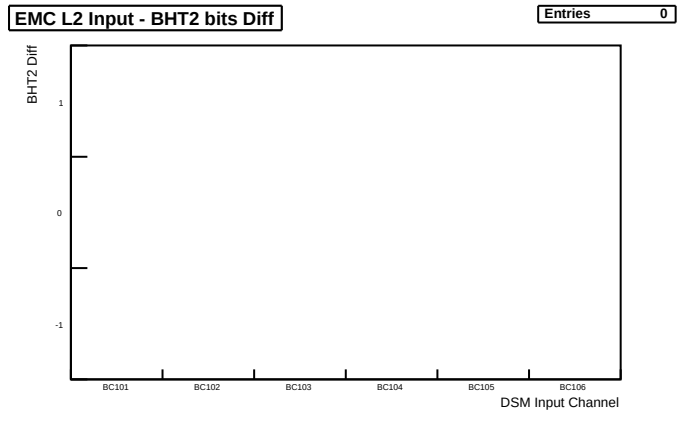

EMC L2 Input - BHT0 bits
Entries 3.238914e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

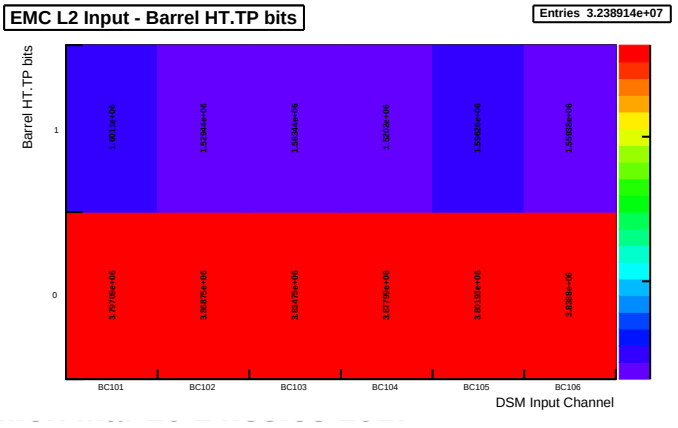

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

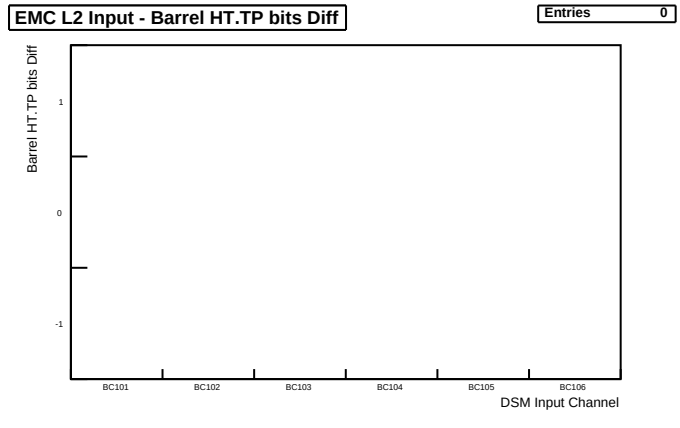

EMC L2 Input - BHT1 bits
Entries 3.238914e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

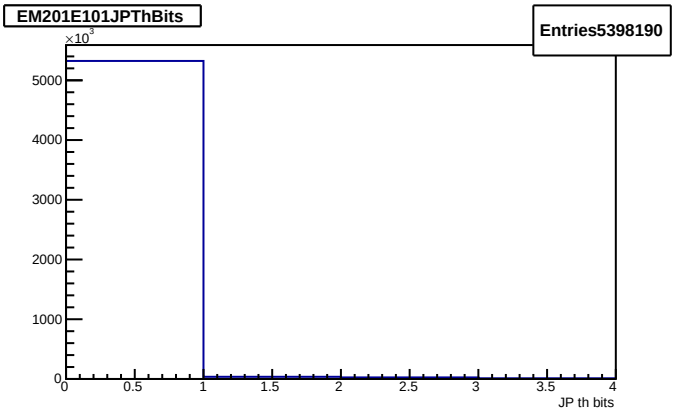

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

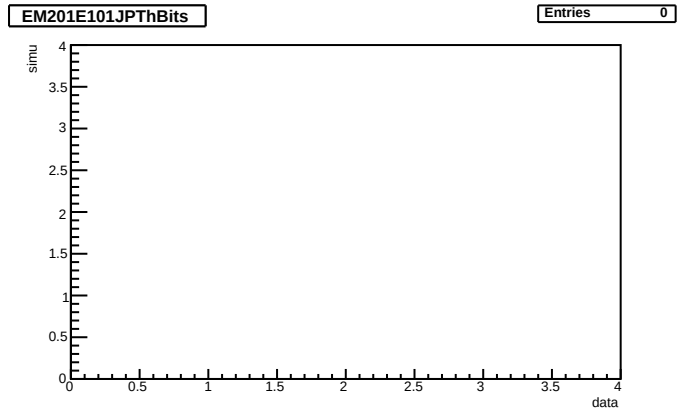

EMC L2 Input - BHT2 bits
Entries 3.238914e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

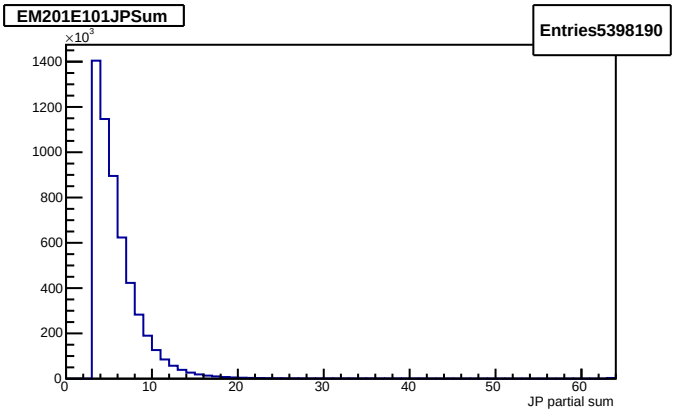

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

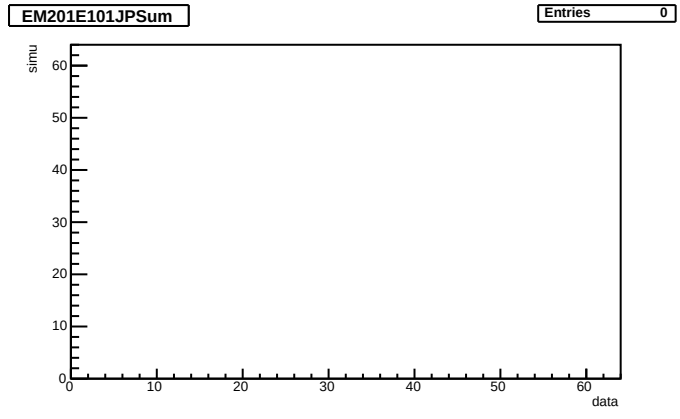

EMC L2 Input - Barrel HT.TP bits
Entries 3.238914e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

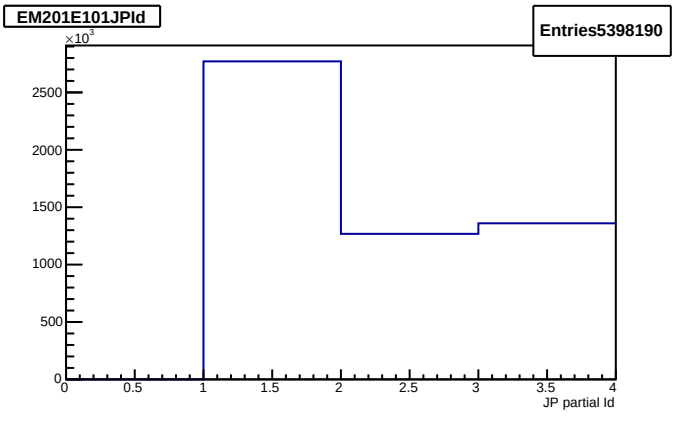

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


EM201E101JPThBits
Entries5398190
×10^3
JP th bits


EM201E101JPThBits
Entries 0
simu
data


EM201E101JPSum
Entries5398190
×10^3
JP partial sum


EM201E101JPSum
Entries 0
simu
data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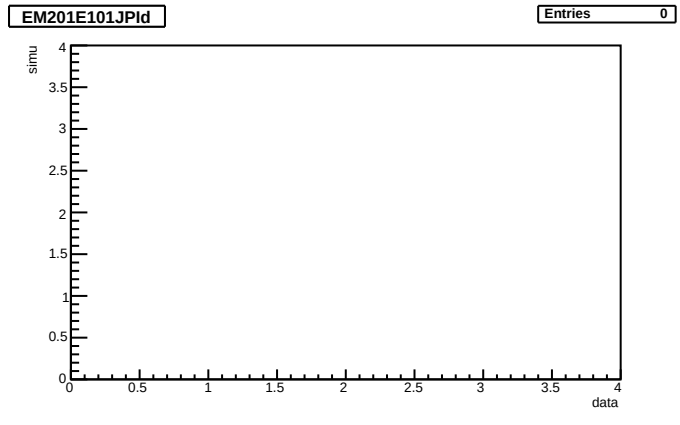
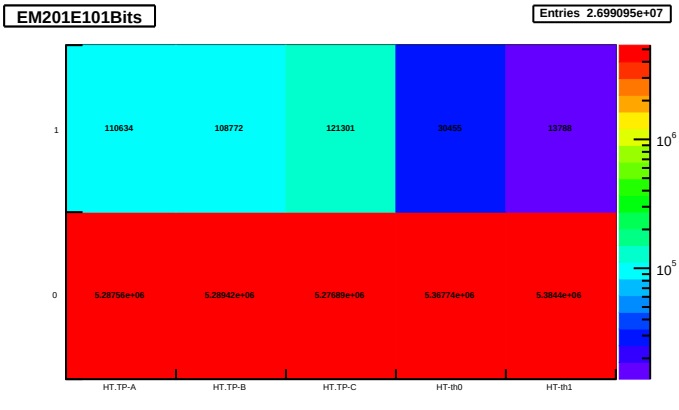
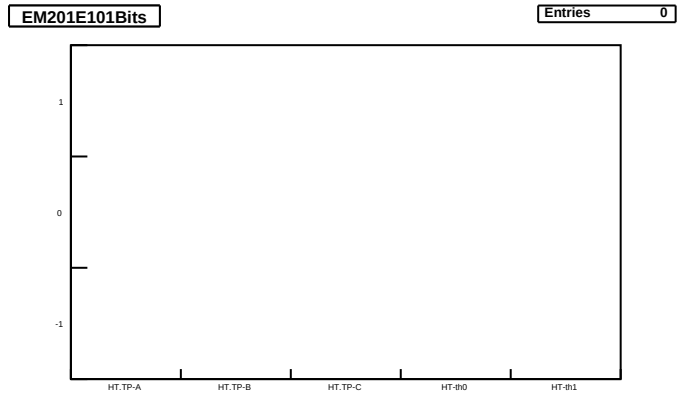
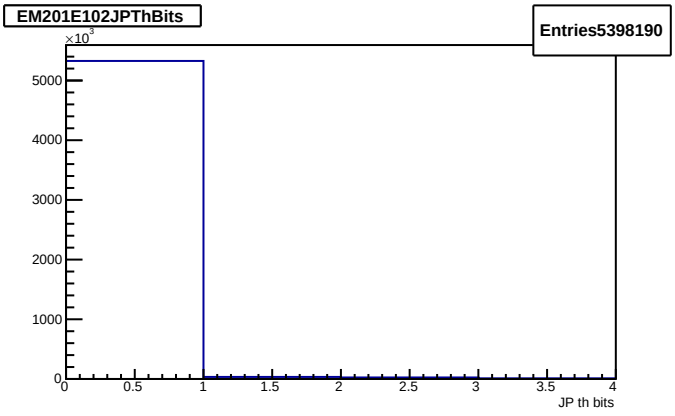
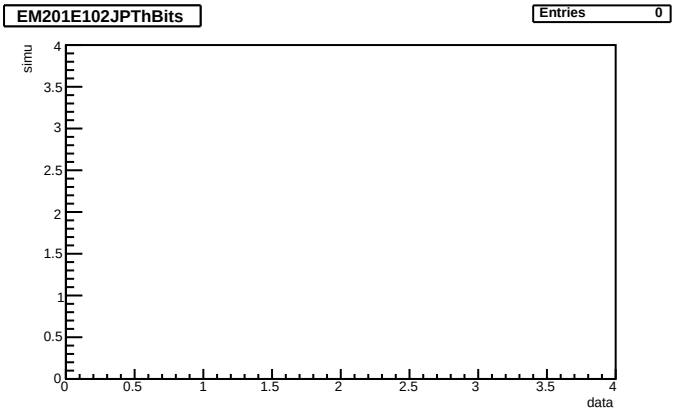
Entries5398190
×10^3
JP partial Id

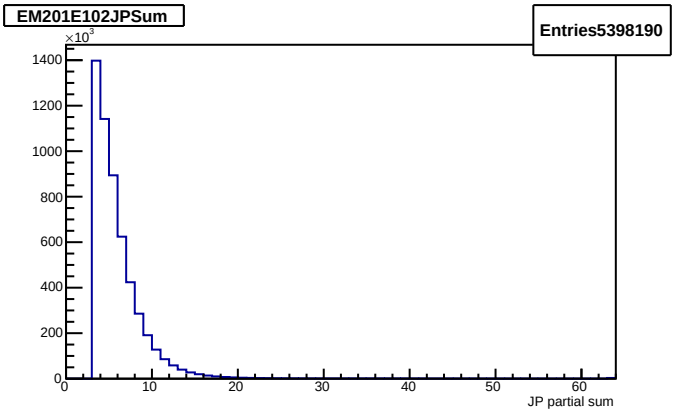

EM201E101JPId
Entries 0
simu
data

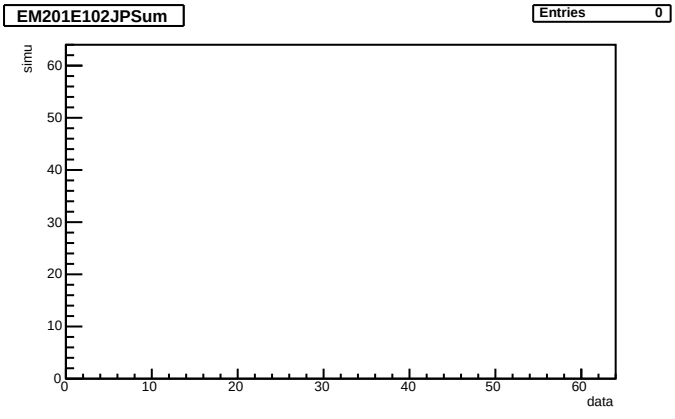

EM201E101Bits
Entries 2.699095e+07
110634
108772
121301
30455
13788
5.28756e+06
5.28942e+06
5.27689e+06
5.36774e+06
5.3844e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

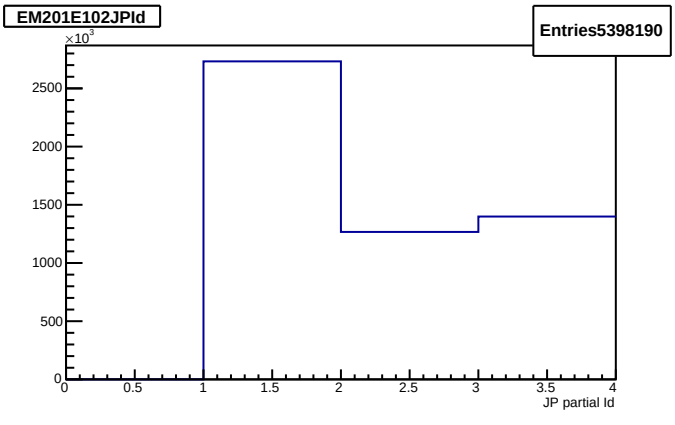

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

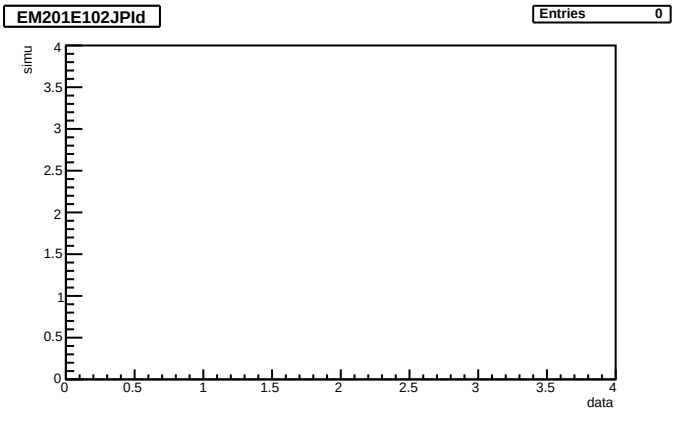

EM201E102JPThBits
Entries5398190
×10^3
JP th bits

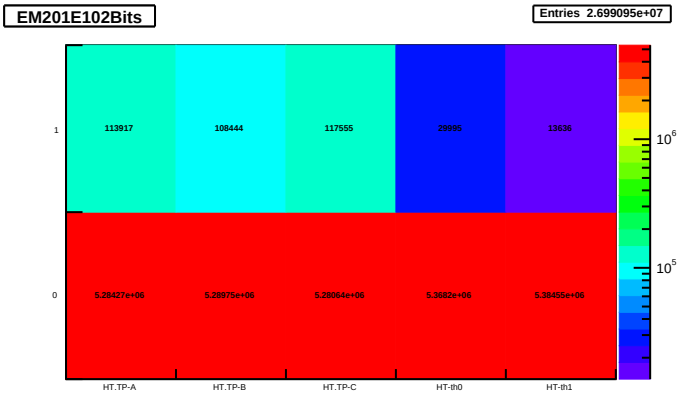

EM201E102JPThBits
Entries 0
simu
data

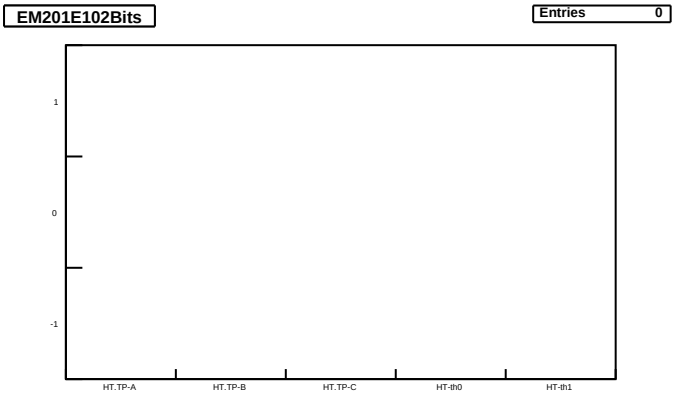

EM201E102JPSum
Entries5398190
×10^3
JP partial sum

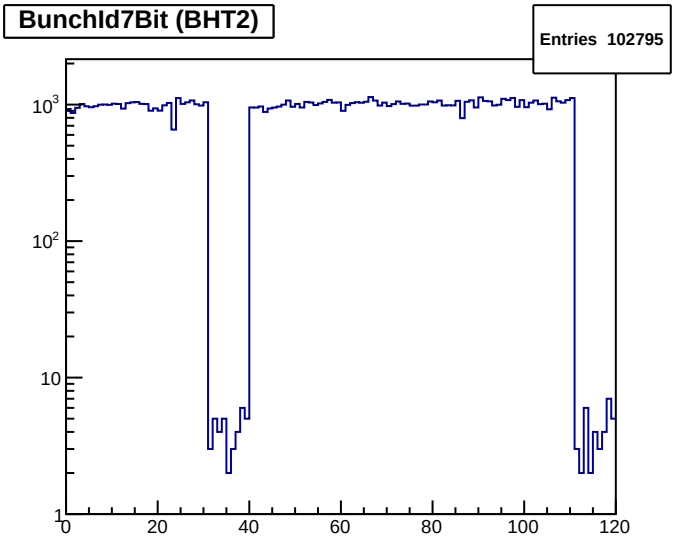

EM201E102JPSum
Entries 0
simu
data

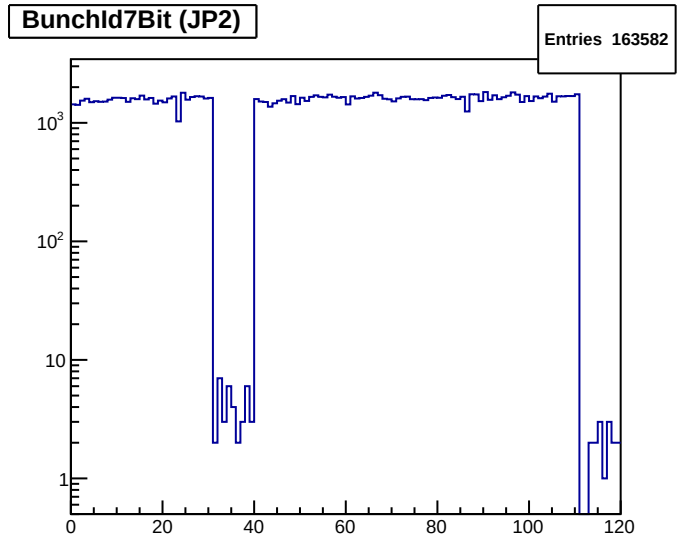

EM201E102JPId
Entries5398190
×10^3
JP partial Id

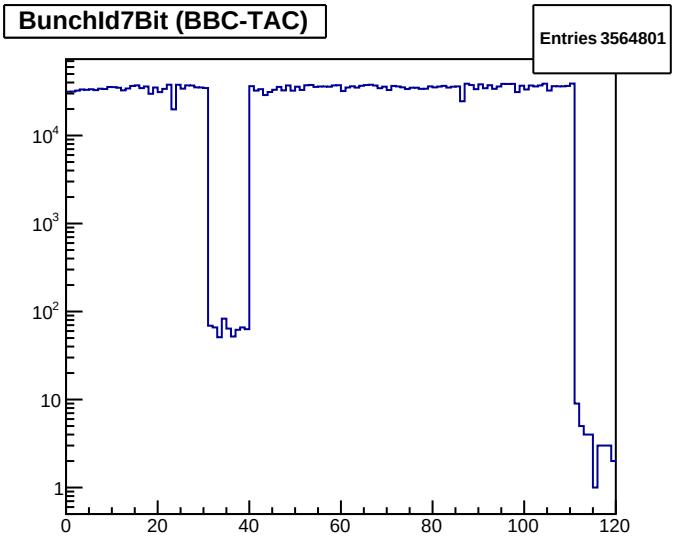

EM201E102JPId
Entries 0
simu
data

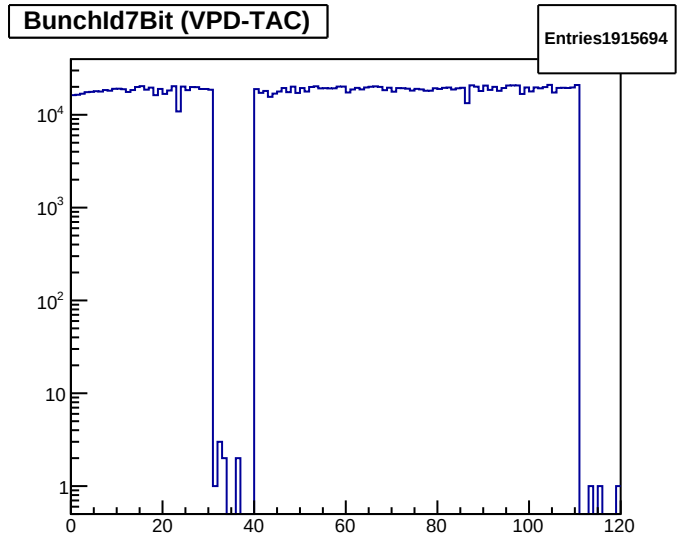

EM201E102Bits
Entries 2.699095e+07
113917
108444
117555
29995
13636
5.28427e+06
5.28975e+06
5.28064e+06
5.3682e+06
5.38455e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

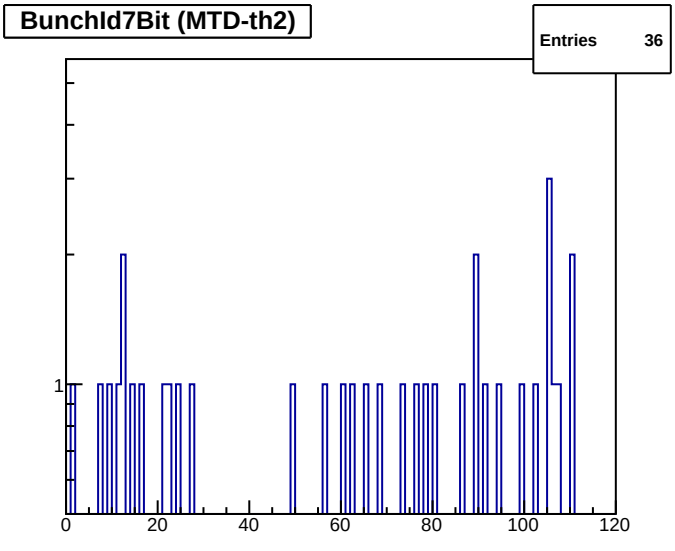

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

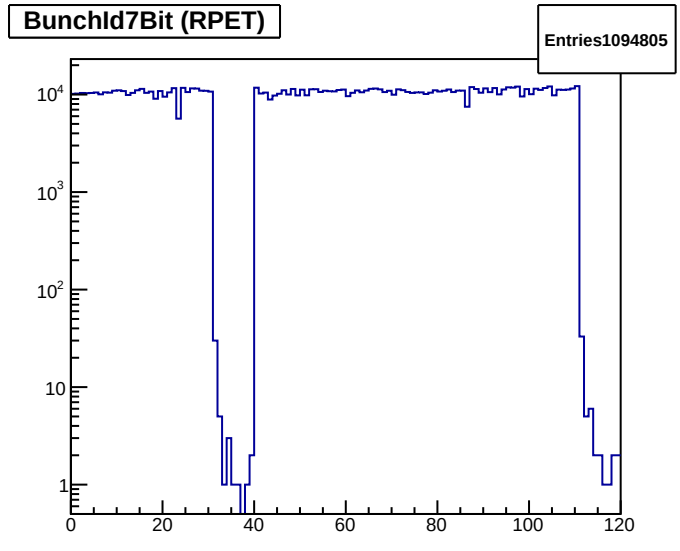

BunchId7Bit (BHT2)
Entries 102795

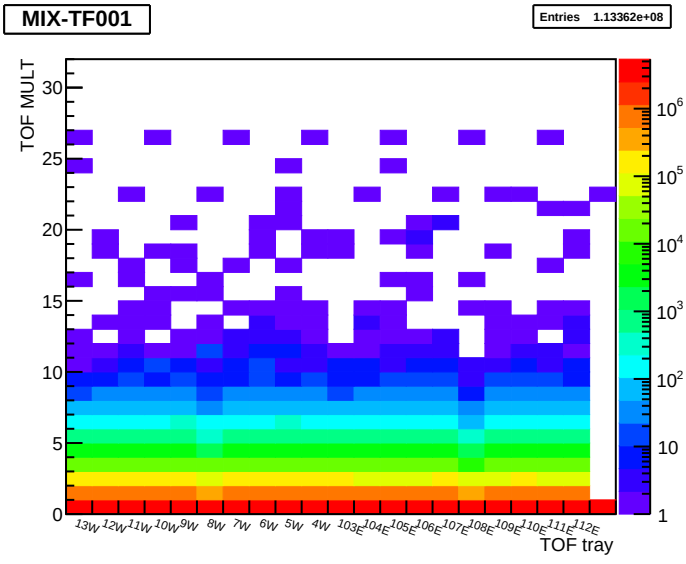

BunchId7Bit (JP2)
Entries 163582

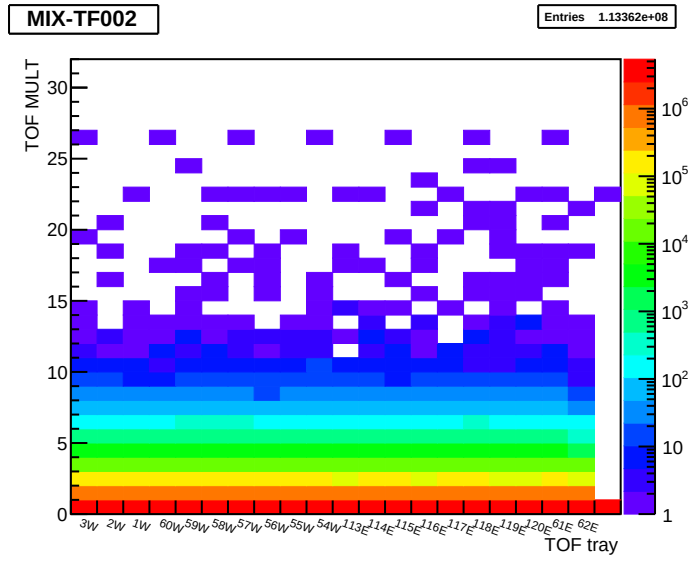

BunchId7Bit (BBC-TAC)
Entries 3564801

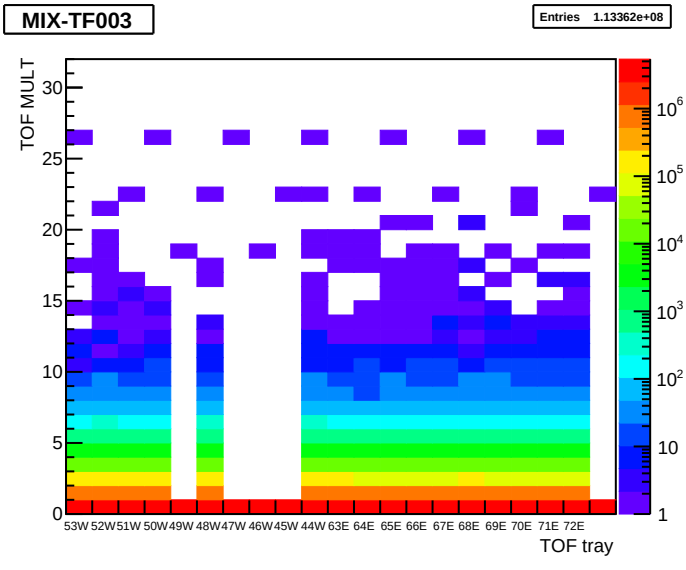

BunchId7Bit (VPD-TAC)
Entries1915694

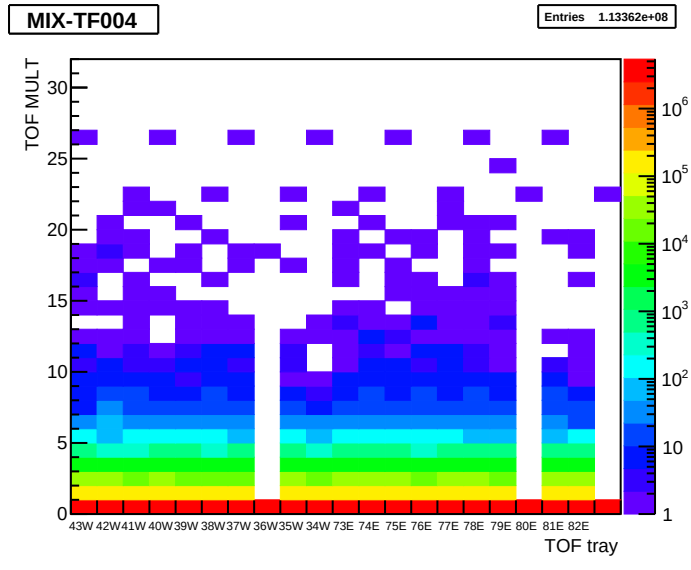

BunchId7Bit (MTD-th2)
Entries 36

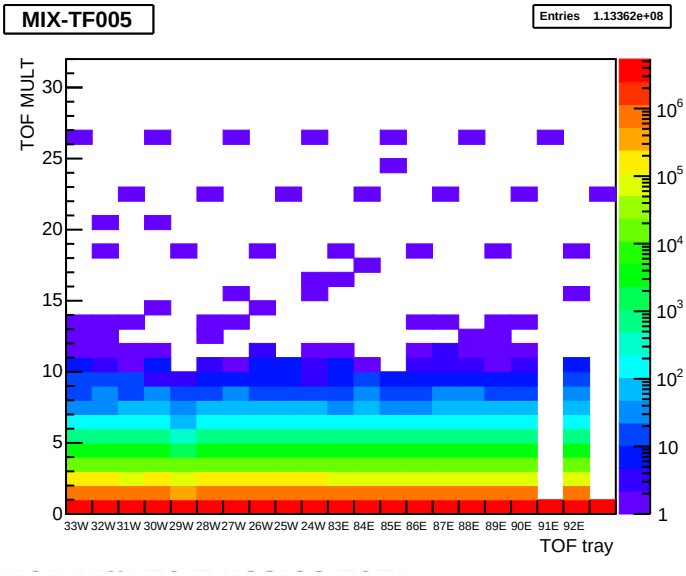

BunchId7Bit (RPET)
Entries1094805

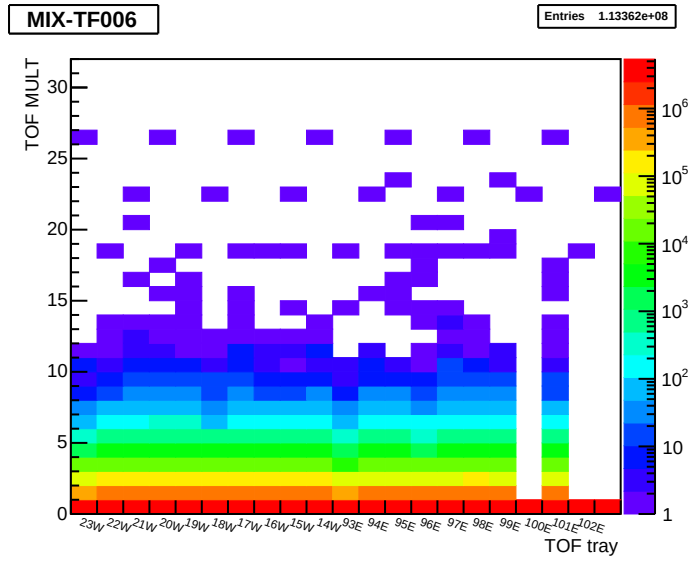

MIX-TF001
Entries 1.13362e+08
TOF MULT
TOF tray

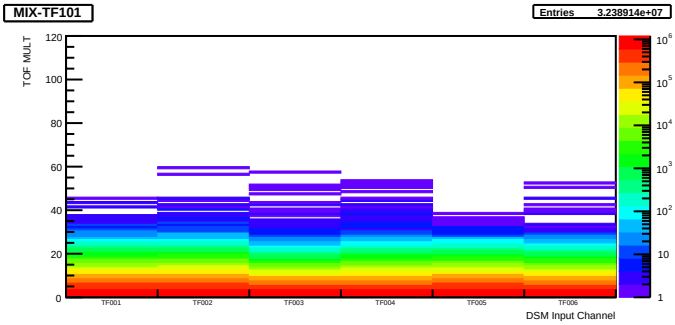

MIX-TF002
Entries 1.13362e+08
TOF MULT
TOF tray

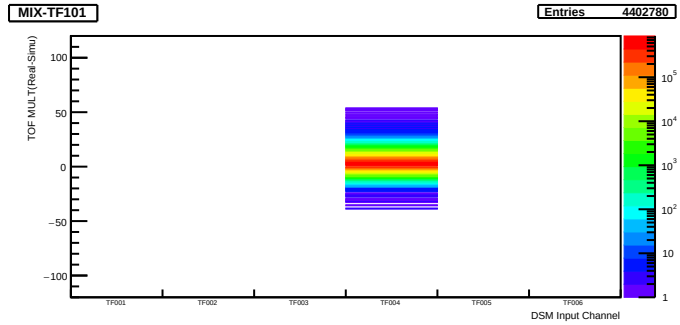

MIX-TF003
Entries 1.13362e+08
TOF MULT
TOF tray

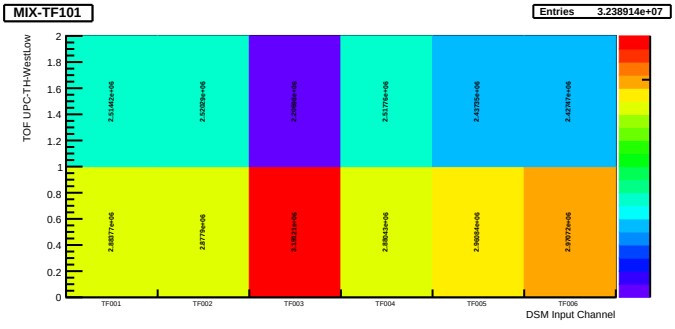

MIX-TF004
Entries 1.13362e+08
TOF MULT
TOF tray

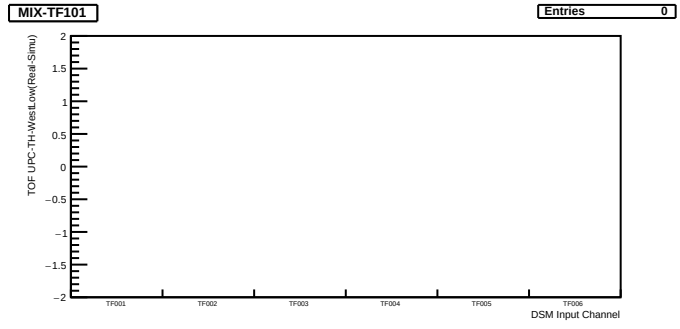

MIX-TF005
Entries 1.13362e+08
TOF MULT
TOF tray

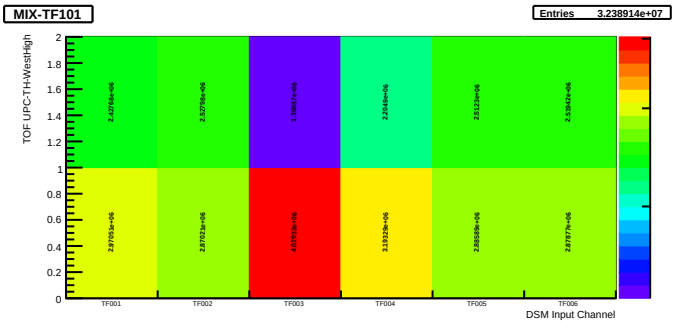

MIX-TF006
Entries 1.13362e+08
TOF MULT
TOF tray

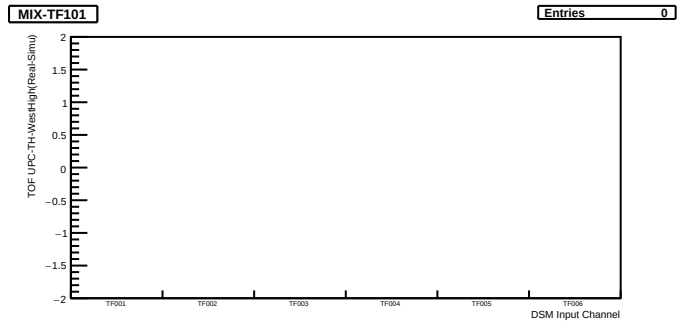

MIX-TF101
Entries 3.238914e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

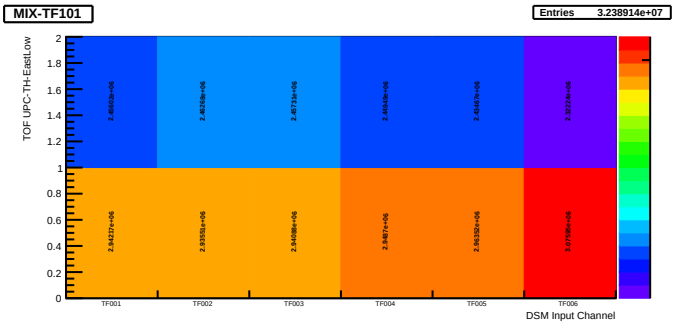

MIX-TF101
Entries 4402780
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

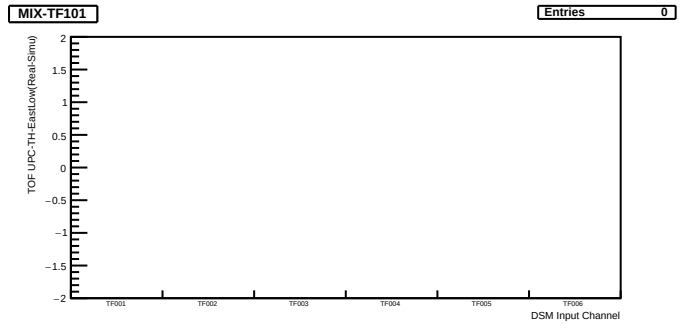

MIX-TF101
Entries 3.238914e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

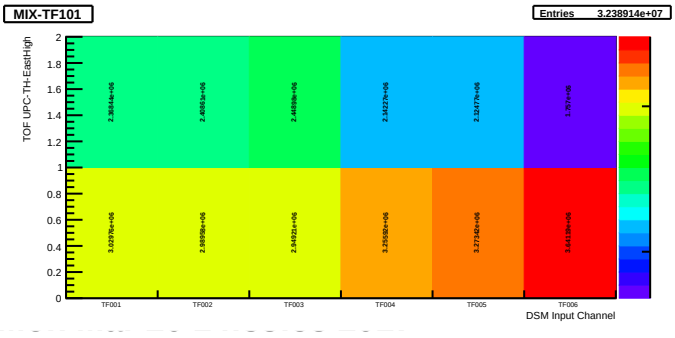

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

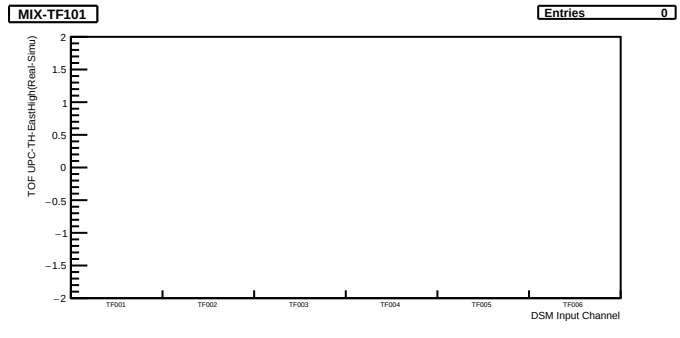

MIX-TF101
Entries 3.238914e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

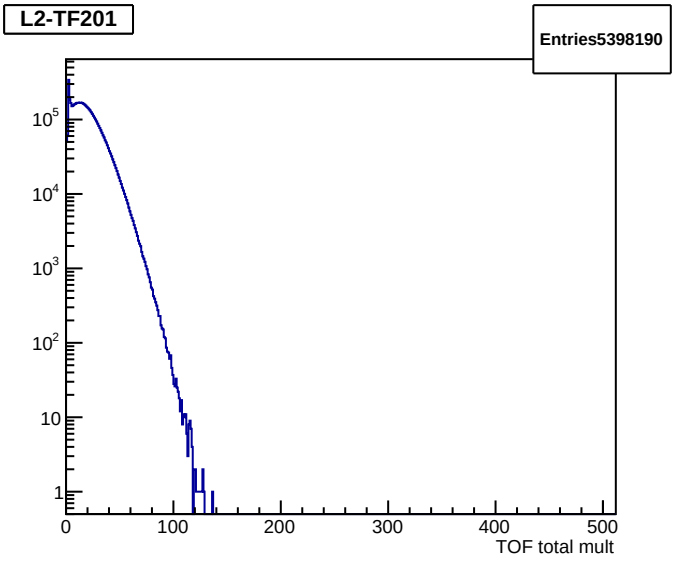

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

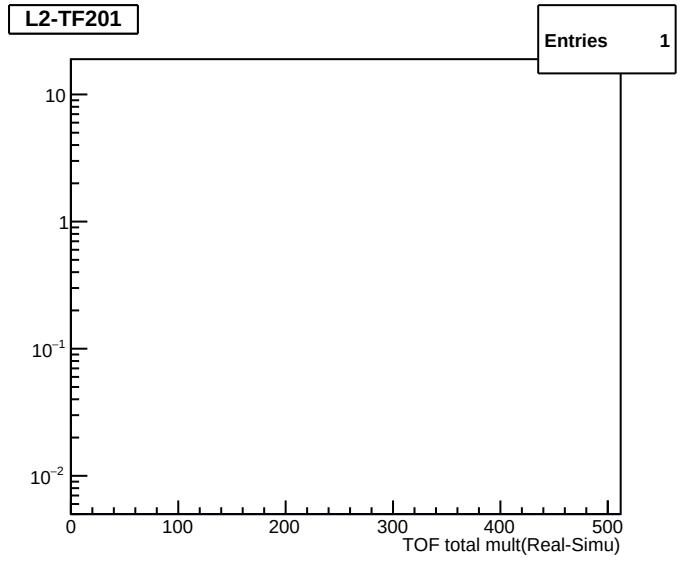

MIX-TF101
Entries 3.238914e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

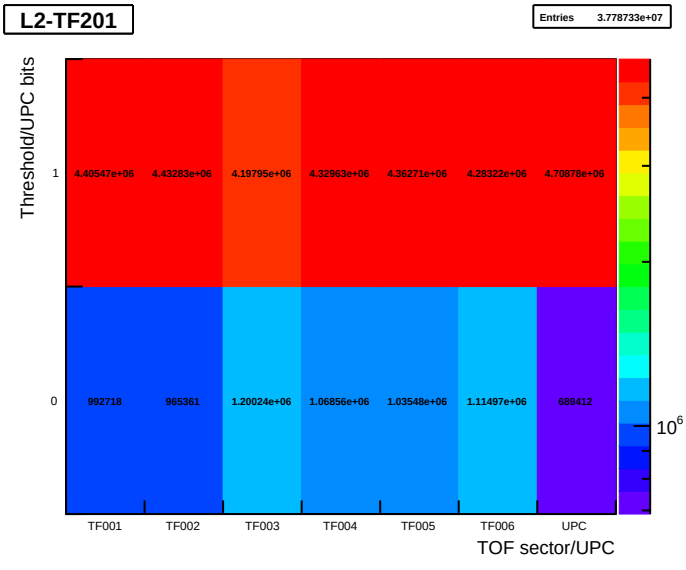

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

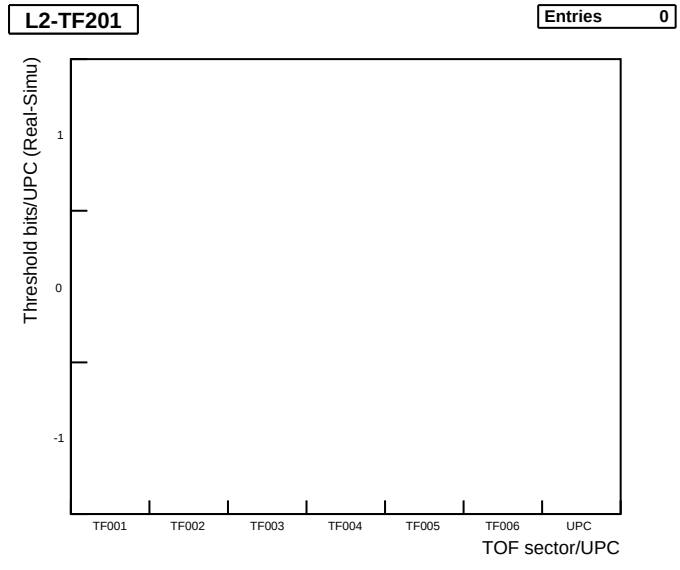

MIX-TF101
Entries 3.238914e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

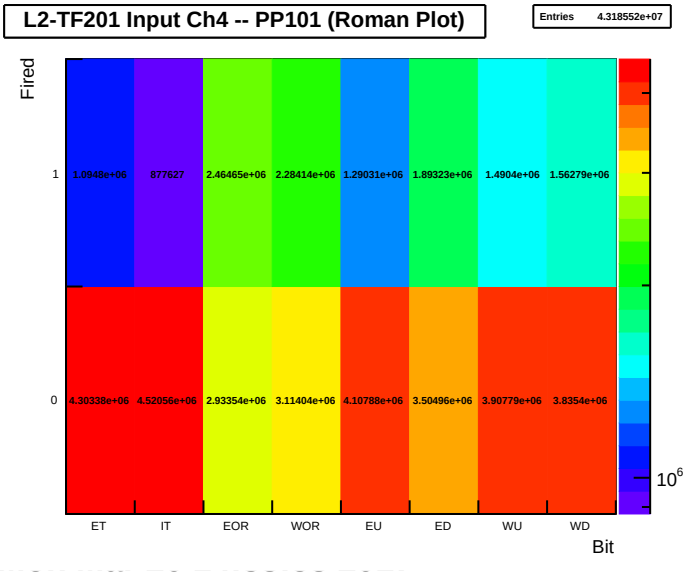

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

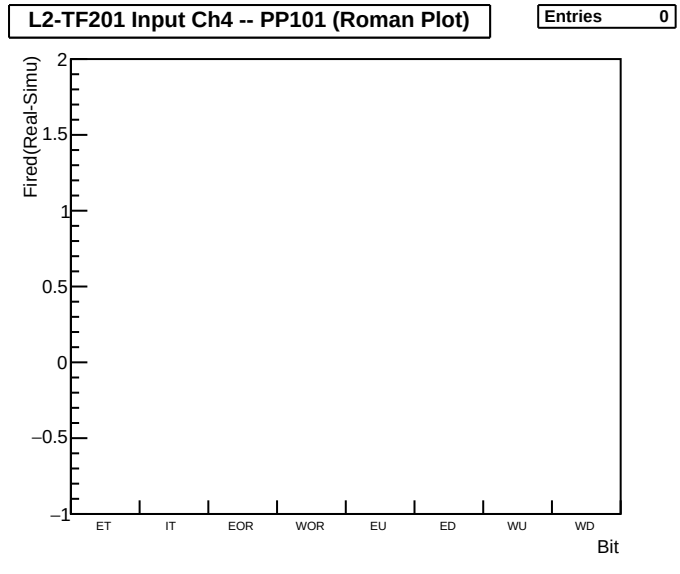

L2-TF201
Entries5398190
TOF total mult

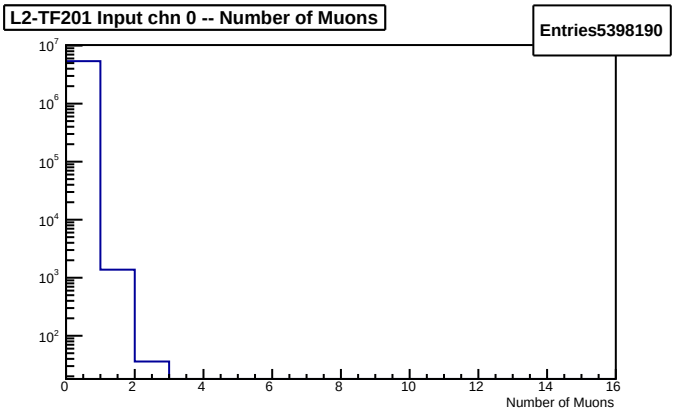

L2-TF201
Entries 1
TOF total mult(Real-Simu)

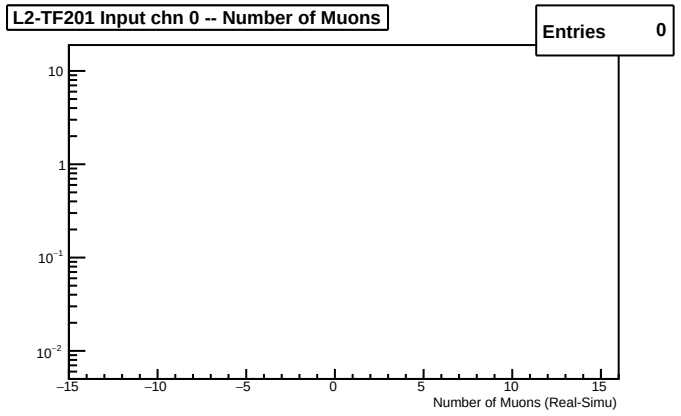

L2-TF201
Entries 3.778733e+07
Threshold/UPC bits
4.40547e+06
4.43283e+06
4.19795e+06
4.32963e+06
4.36271e+06
4.28322e+06
4.70878e+06
992718
965361
1.20024e+06
1.06856e+06
1.03548e+06
1.11497e+06
689412
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

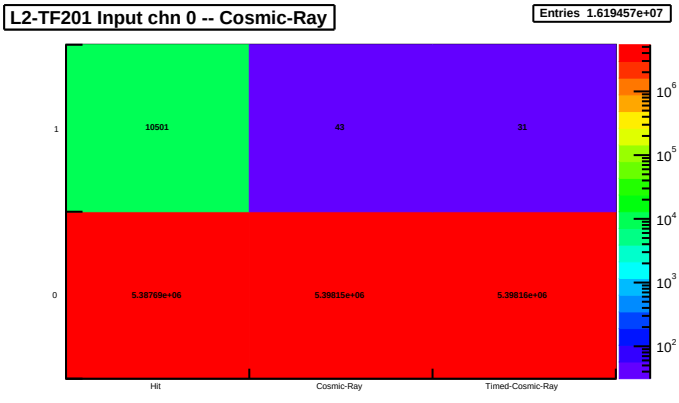

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

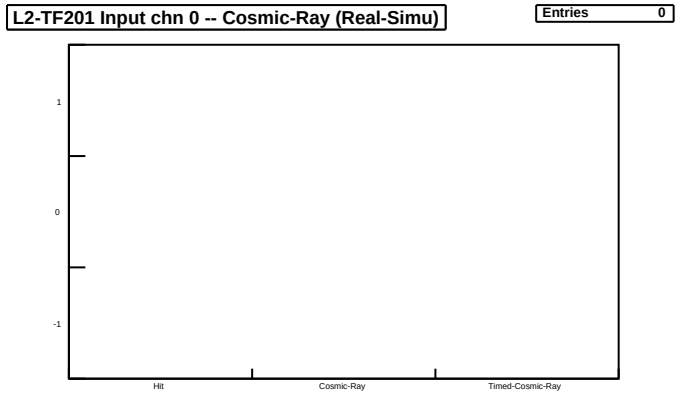

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.318552e+07
Fired
1.0948e+06
877627
2.46465e+06
2.28414e+06
1.29031e+06
1.89323e+06
1.4904e+06
1.56279e+06
4.30338e+06
4.52056e+06
2.93354e+06
3.11404e+06
4.10788e+06
3.50496e+06
3.90779e+06
3.8354e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

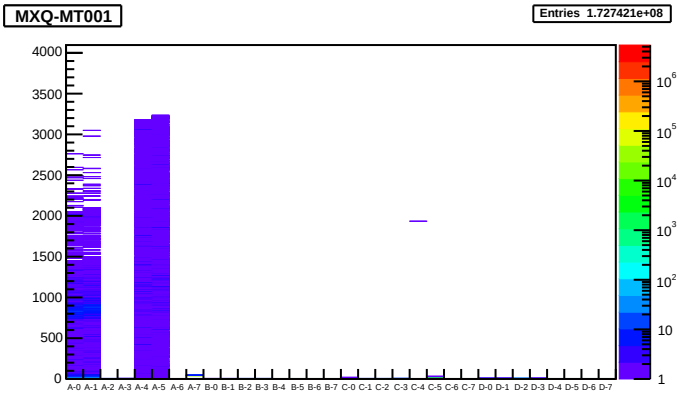

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

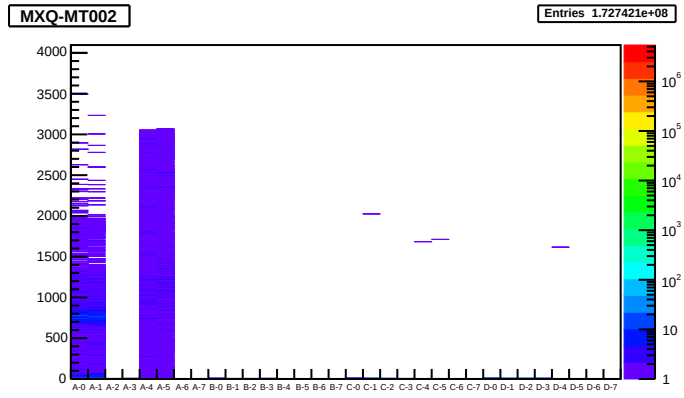

L2-TF201 Input chn 0 -- Number of Muons
Entries5398190
Number of Muons

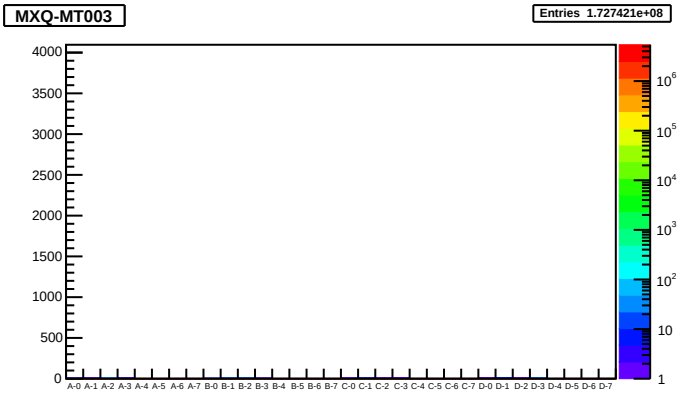

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

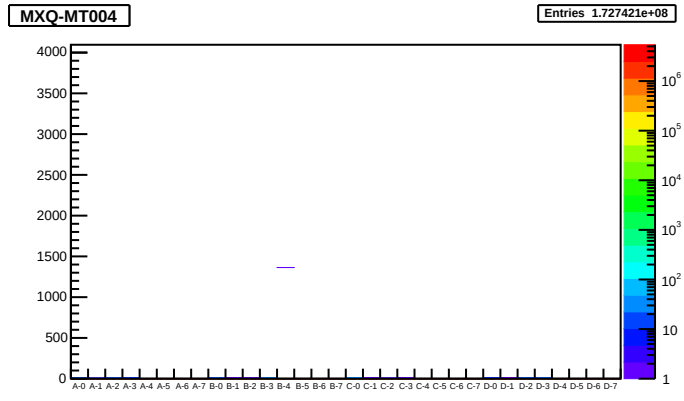

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.619457e+07
10501
43
31
5.38769e+06
5.39815e+06
5.39816e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 1.727421e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 1.727421e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 1.727421e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 1.727421e+08
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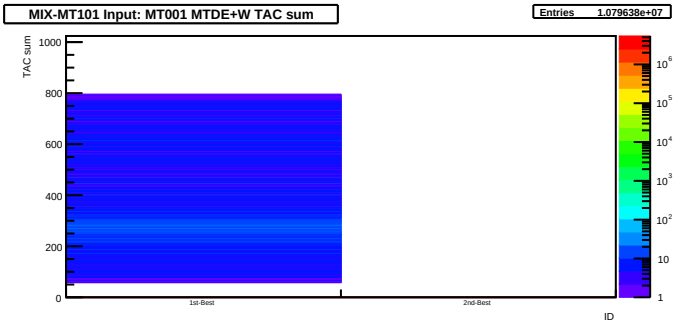
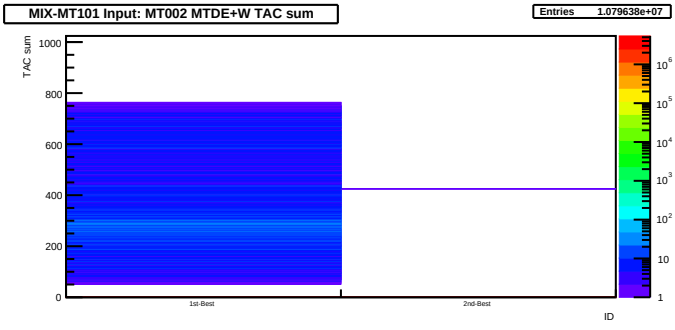
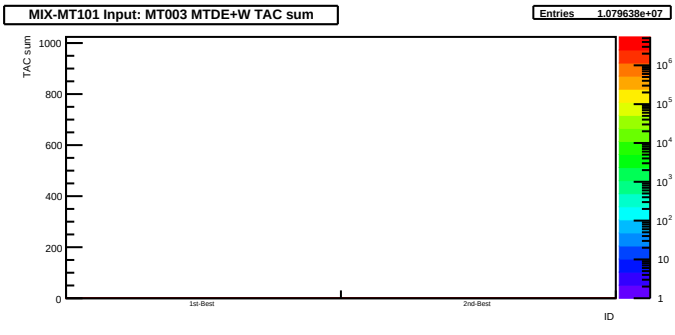
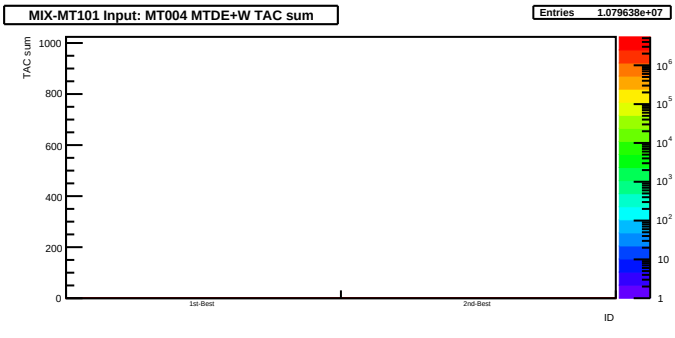
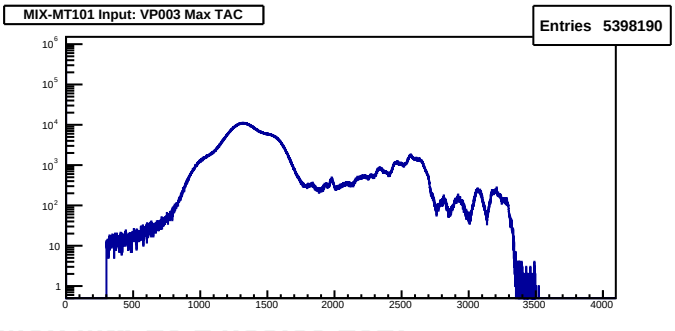
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

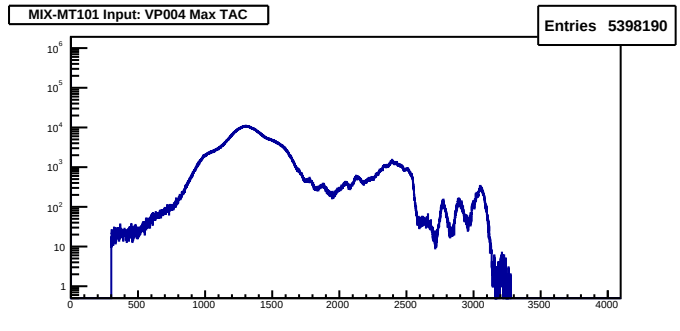

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.079638e+07
TAC sum
1st-Best
2nd-Best
ID

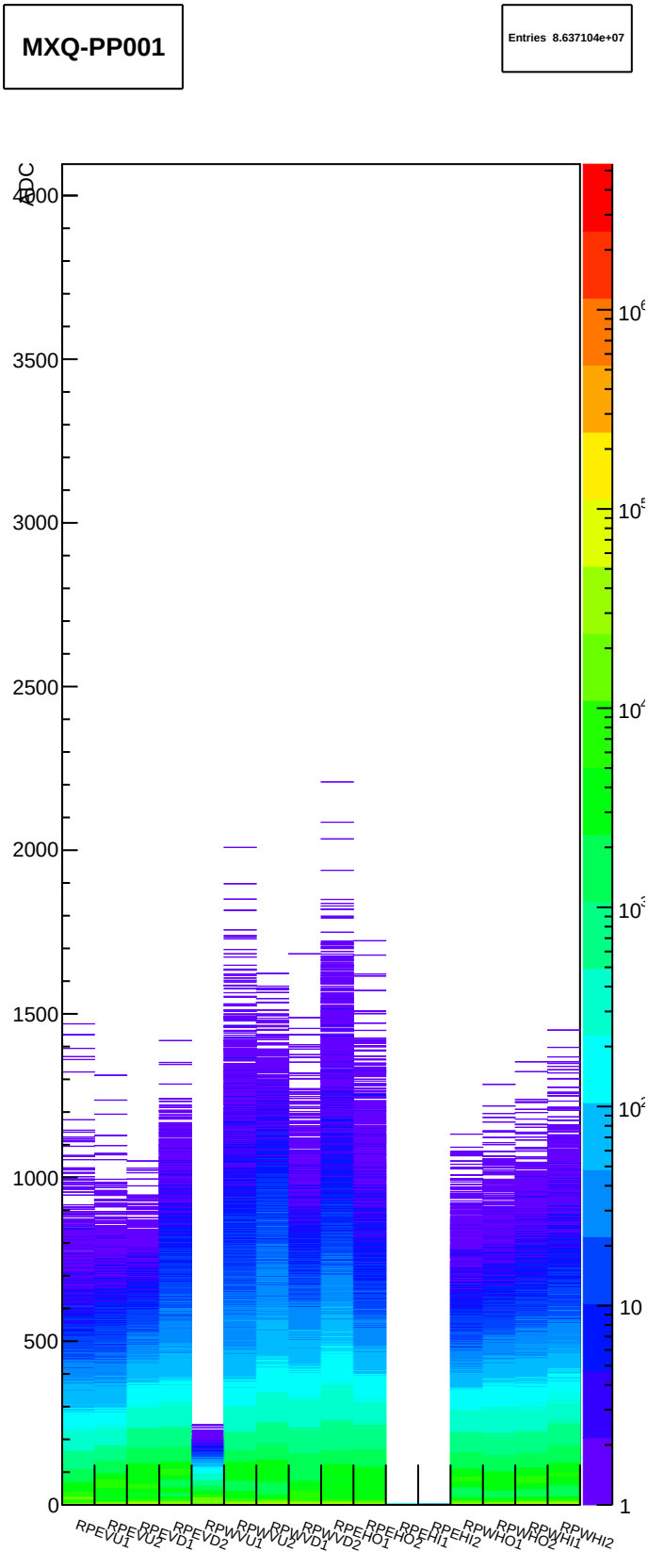

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.079638e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.079638e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.079638e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 5398190


MIX-MT101 Input: VP004 Max TAC
Entries 5398190


MXQ-PP001
Entries 8.637104e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
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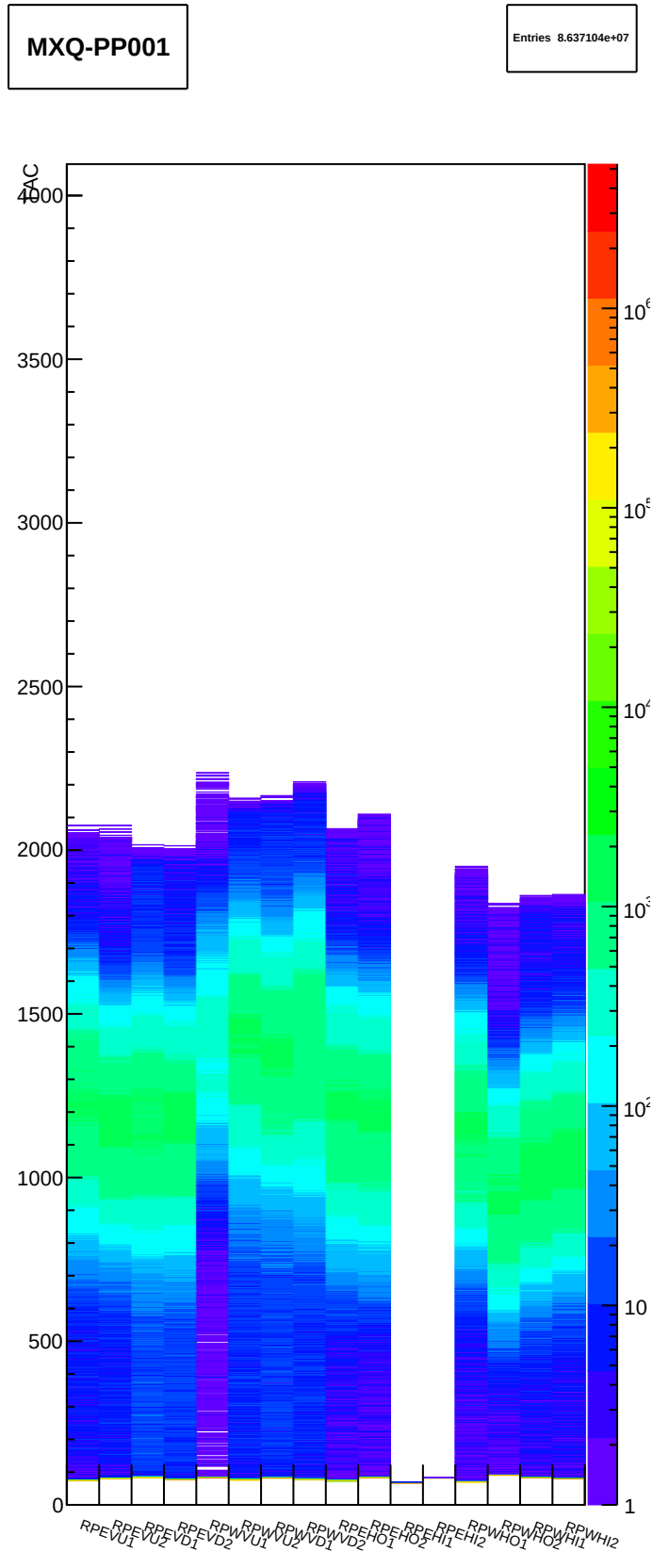
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 8.637104e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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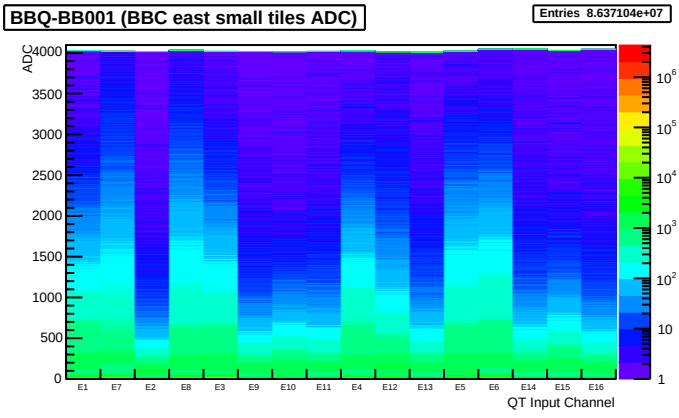
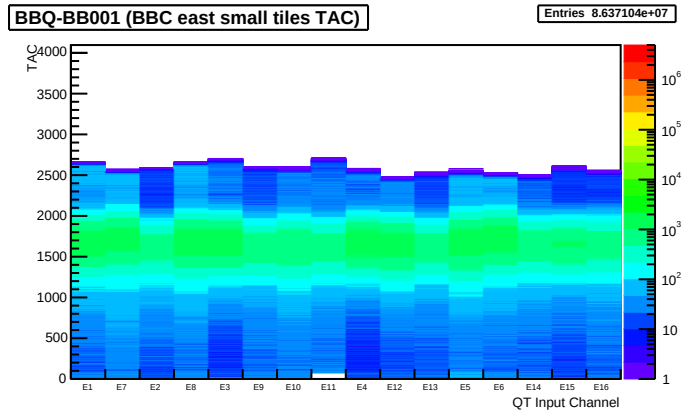
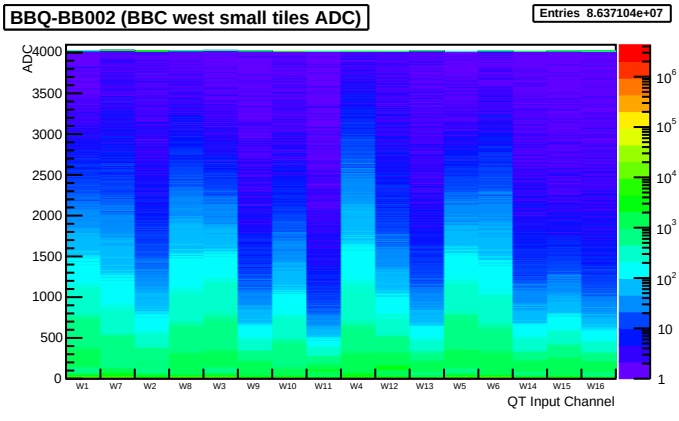
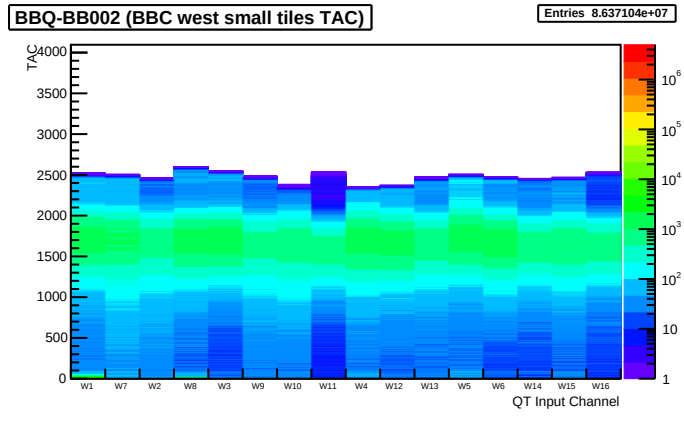
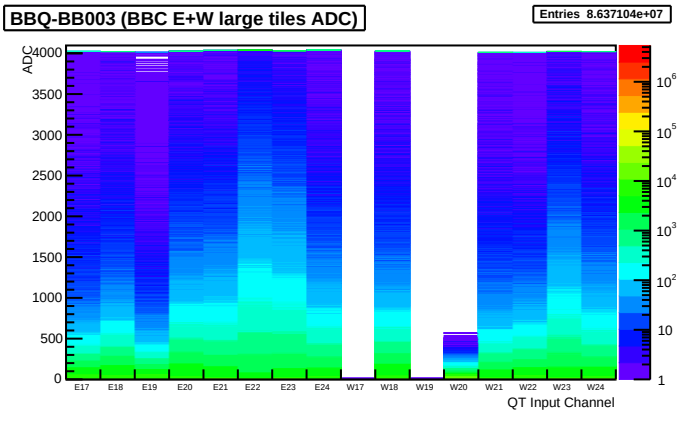
10^4
10^3
10^2
10
1

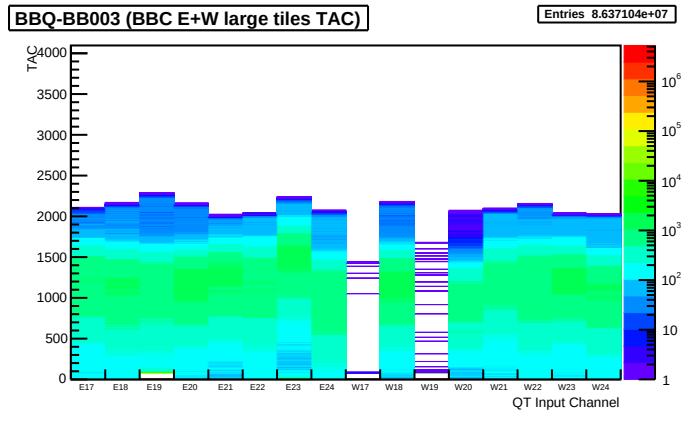

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.637104e+07
ADC
QT Input Channel

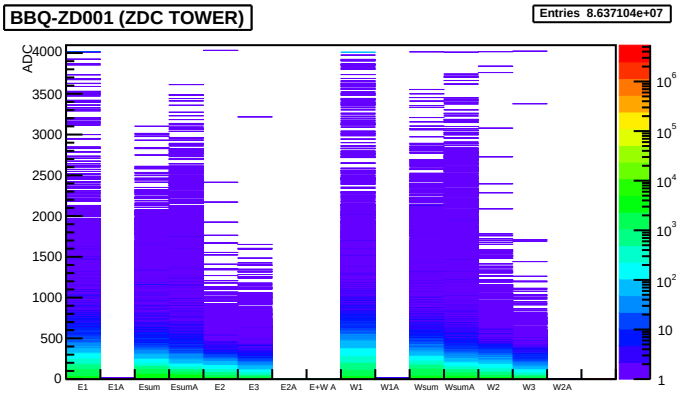

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.637104e+07
TAC
QT Input Channel

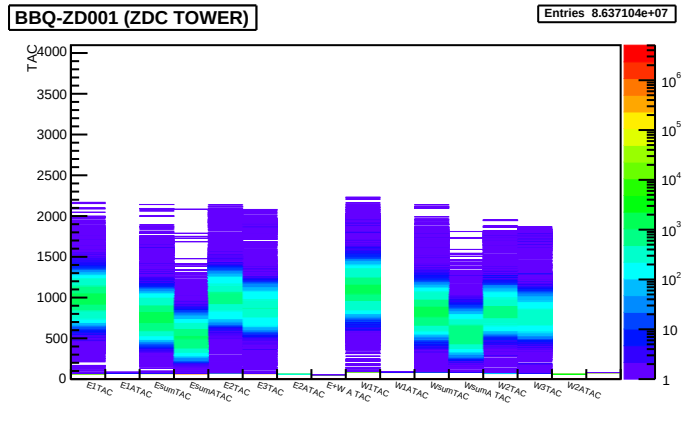

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.637104e+07
ADC
QT Input Channel

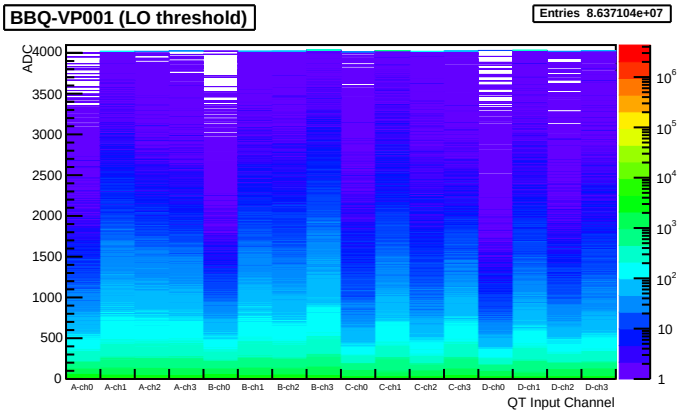

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.637104e+07
TAC
QT Input Channel

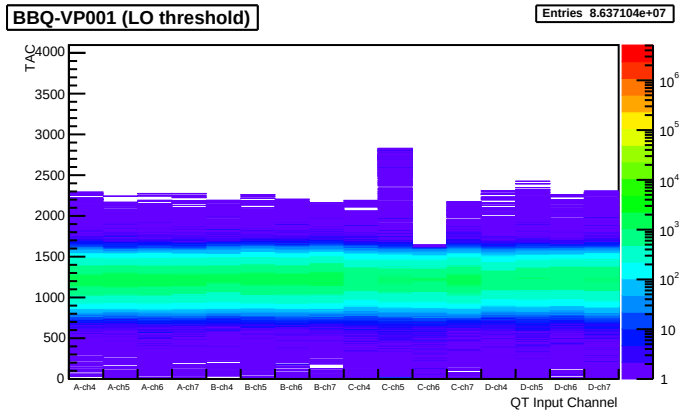

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.637104e+07
ADC
QT Input Channel

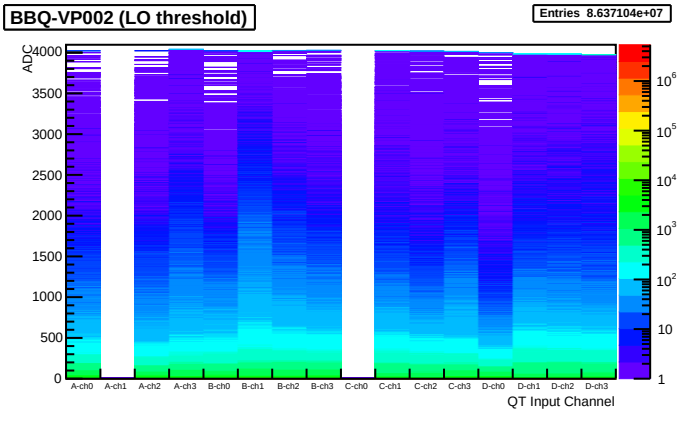

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.637104e+07
TAC
QT Input Channel

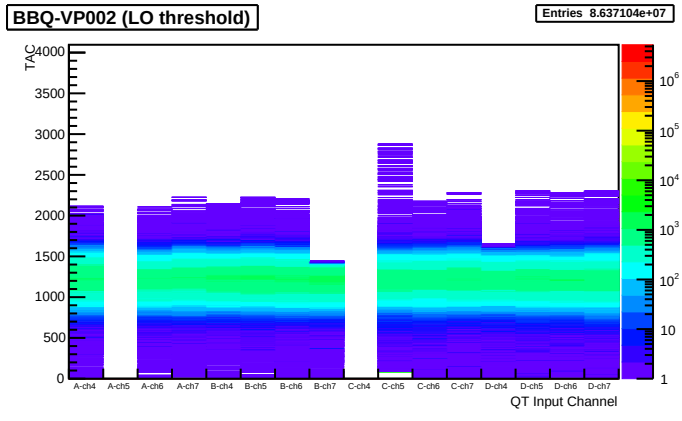

BBQ-ZD001 (ZDC TOWER)
Entries 8.637104e+07
ADC

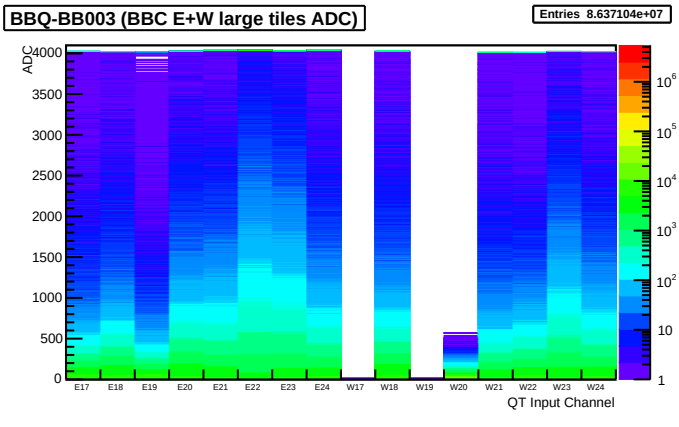

BBQ-ZD001 (ZDC TOWER)
Entries 8.637104e+07
TAC

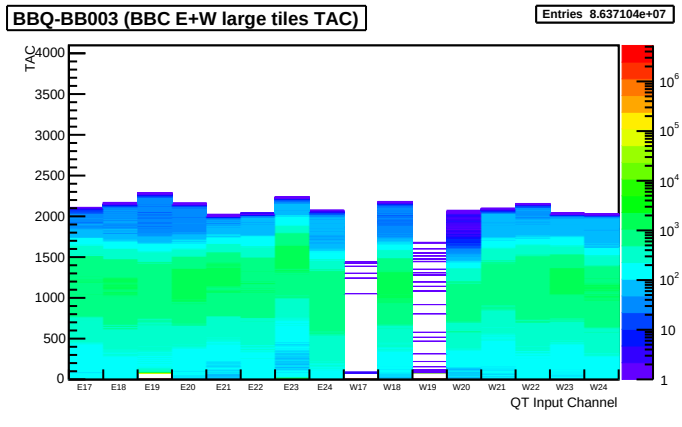

BBQ-VP001 (LO threshold)
Entries 8.637104e+07
ADC
QT Input Channel

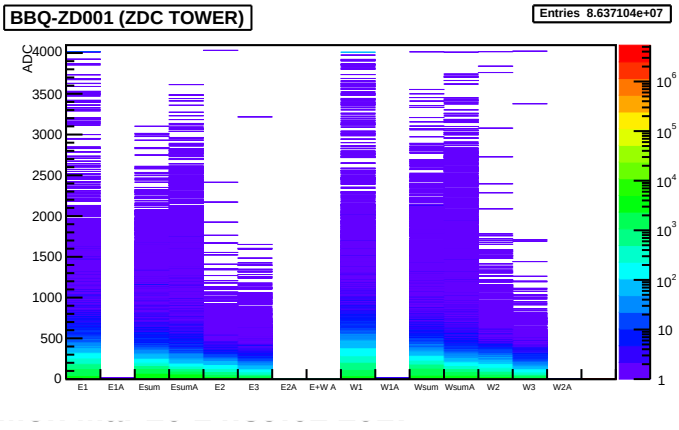

BBQ-VP001 (LO threshold)
Entries 8.637104e+07
TAC
QT Input Channel

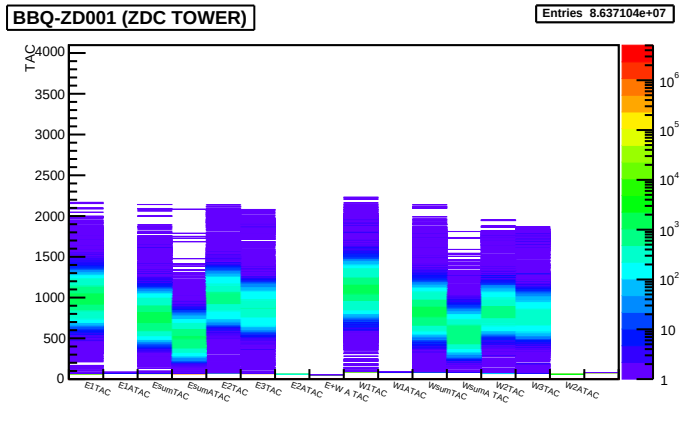

BBQ-VP002 (LO threshold)
Entries 8.637104e+07
ADC
QT Input Channel

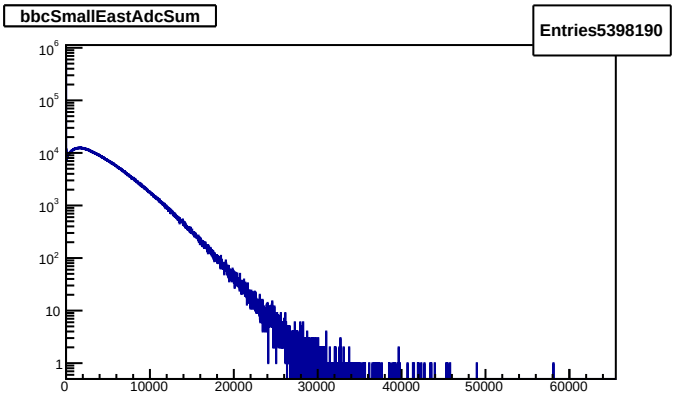

BBQ-VP002 (LO threshold)
Entries 8.637104e+07
TAC
QT Input Channel

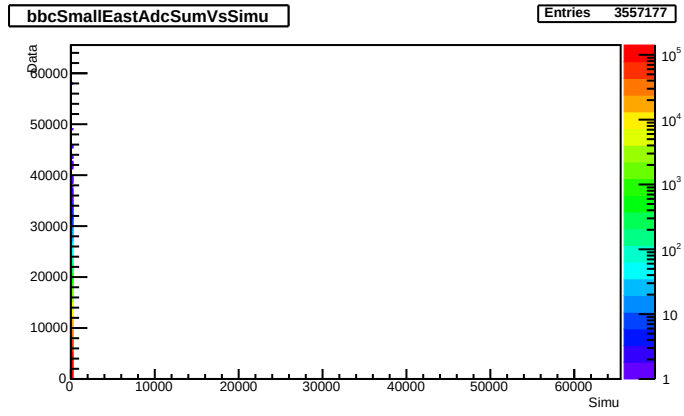

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.637104e+07
ADC
QT Input Channel

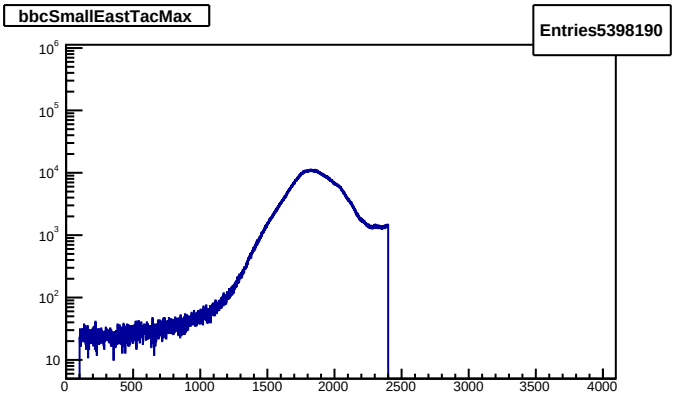

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.637104e+07
TAC
QT Input Channel

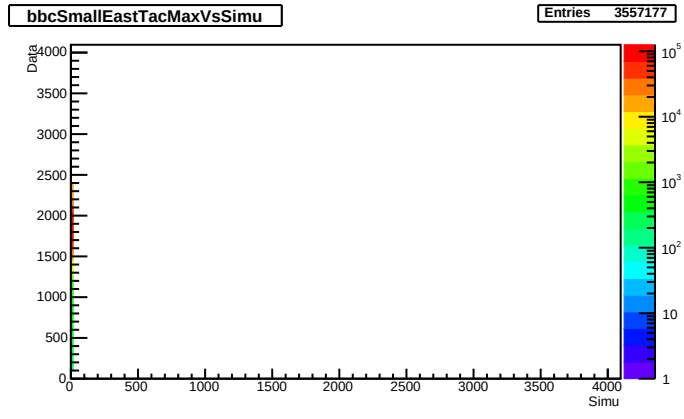

BBQ-ZD001 (ZDC TOWER)
Entries 8.637104e+07
ADC

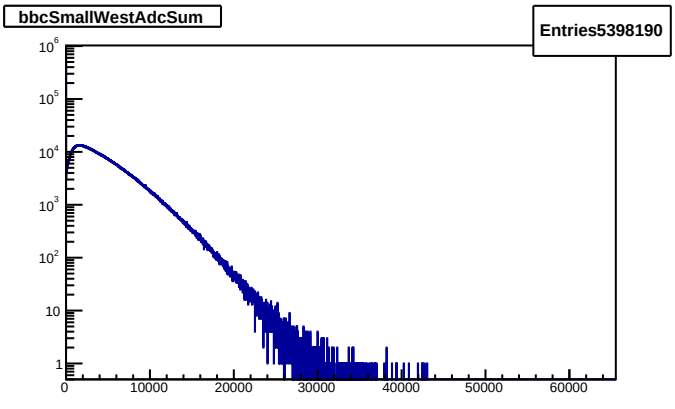

BBQ-ZD001 (ZDC TOWER)
Entries 8.637104e+07
TAC

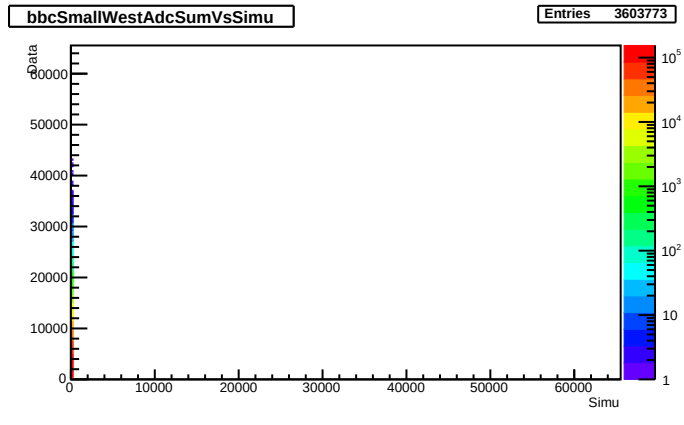

bbcSmallEastAdcSum
Entries5398190

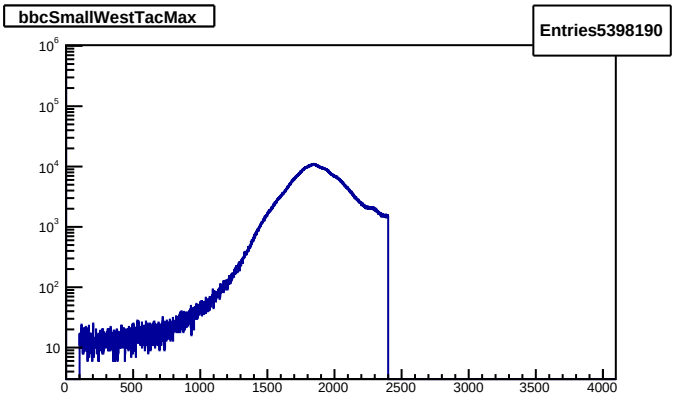

bbcSmallEastAdcSumVsSimu
Entries 3557177
Data
Simu

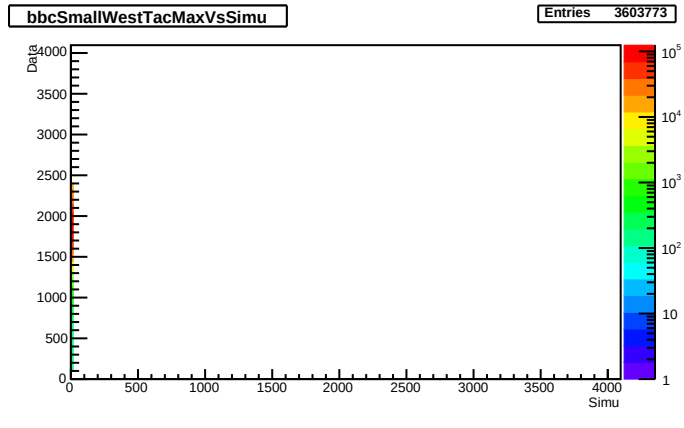

bbcSmallEastTacMax
Entries5398190

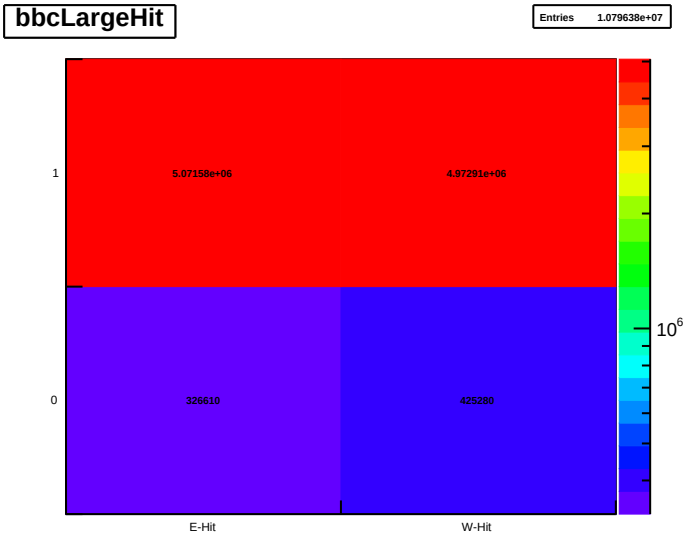

bbcSmallEastTacMaxVsSimu
Entries 3557177
Data
Simu

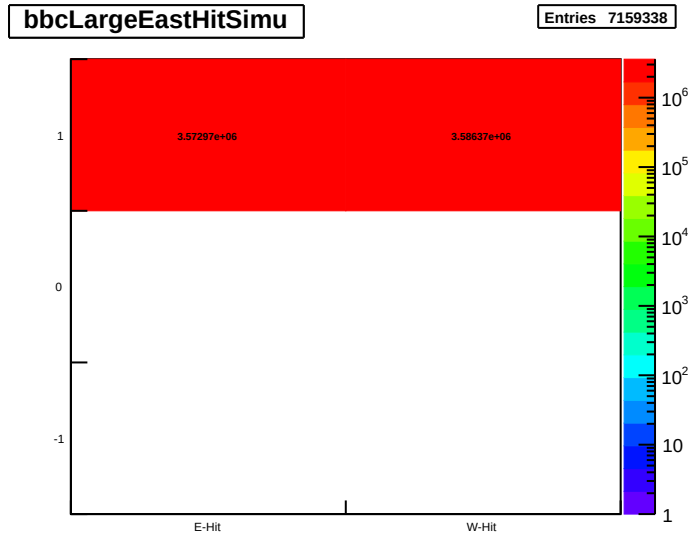

bbcSmallWestAdcSum
Entries5398190

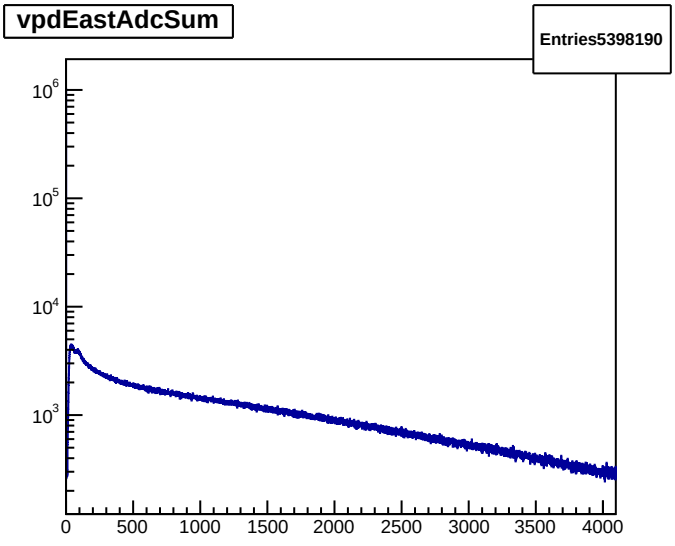

bbcSmallWestAdcSumVsSimu
Entries 3603773
Data
Simu

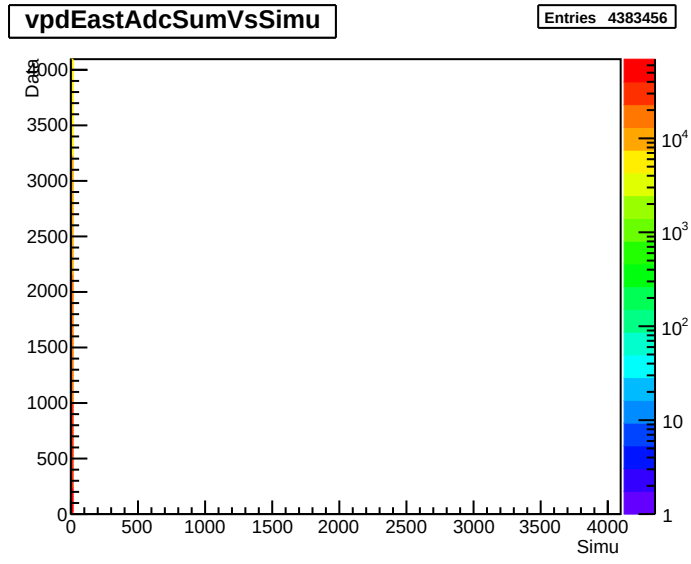

bbcSmallWestTacMax
Entries5398190

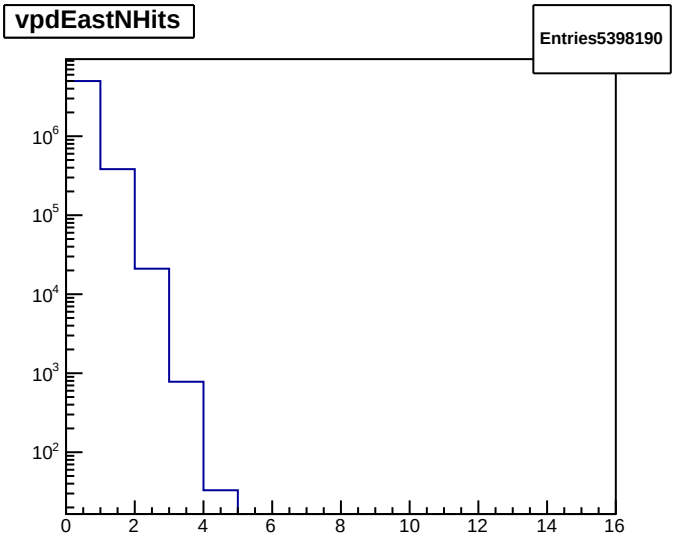

bbcSmallWestTacMaxVsSimu
Entries 3603773
Data
Simu

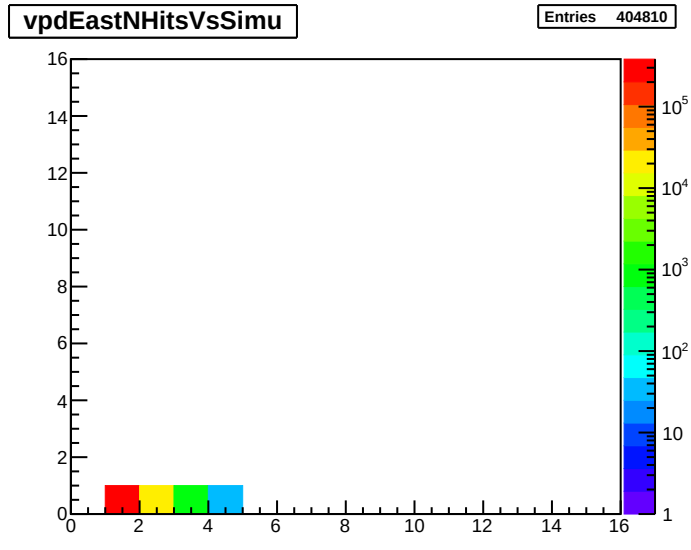

bbcLargeHit
Entries 1.079638e+07
1
0
5.07158e+06
4.97291e+06
326610
425280
E-Hit
W-Hit
10^6

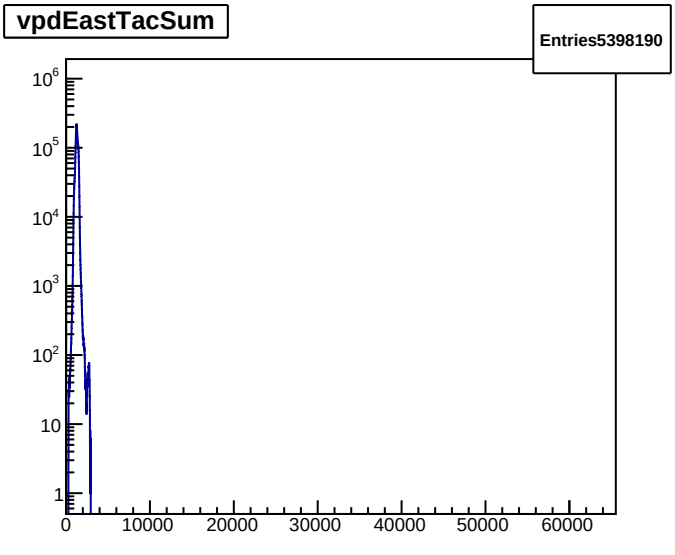

bbcLargeEastHitSimu
Entries 7159338
1
0
-1
3.57297e+06
3.58637e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

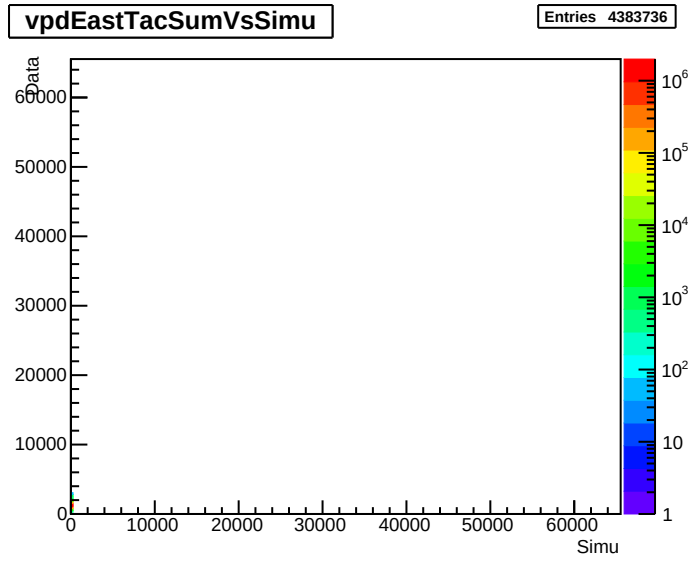

vpdEastAdcSum
Entries5398190

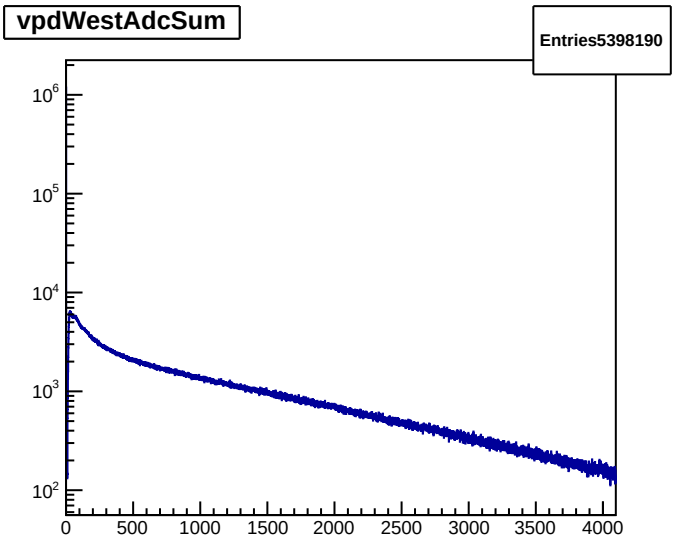

vpdEastAdcSumVsSimu
Entries 4383456
Data
Simu

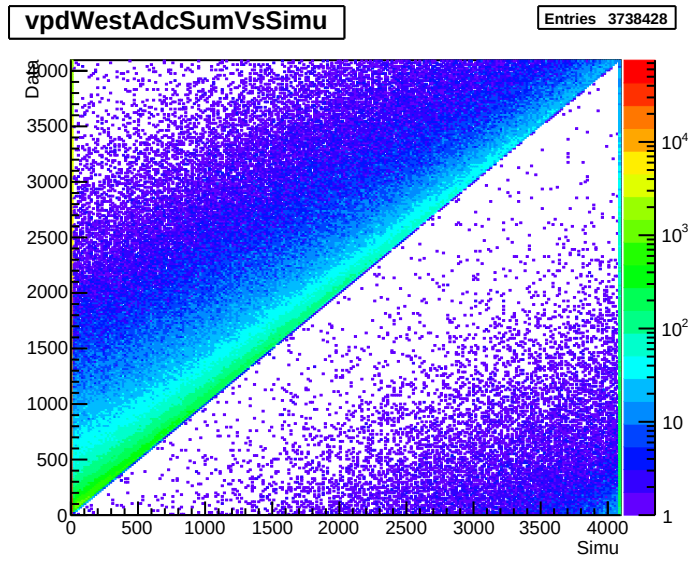

vpdEastNHits
Entries5398190

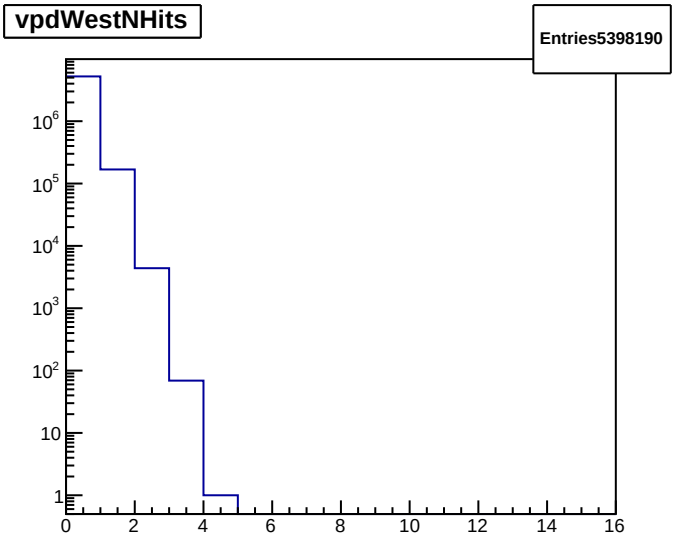

vpdEastNHitsVsSimu
Entries 404810

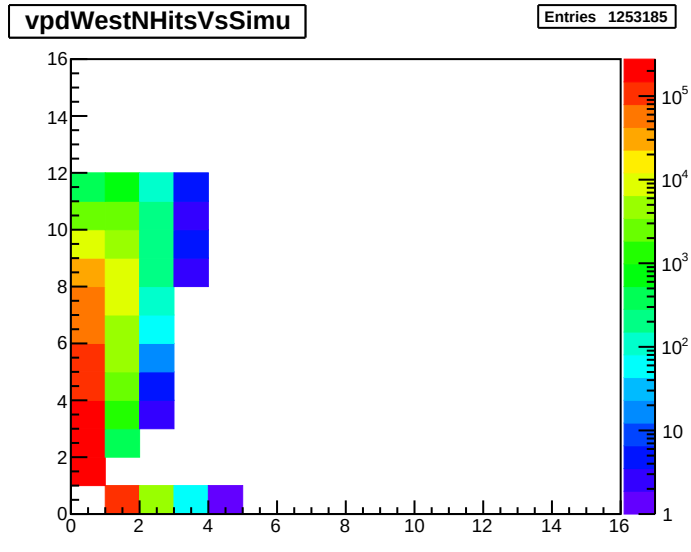

vpdEastTacSum
Entries5398190

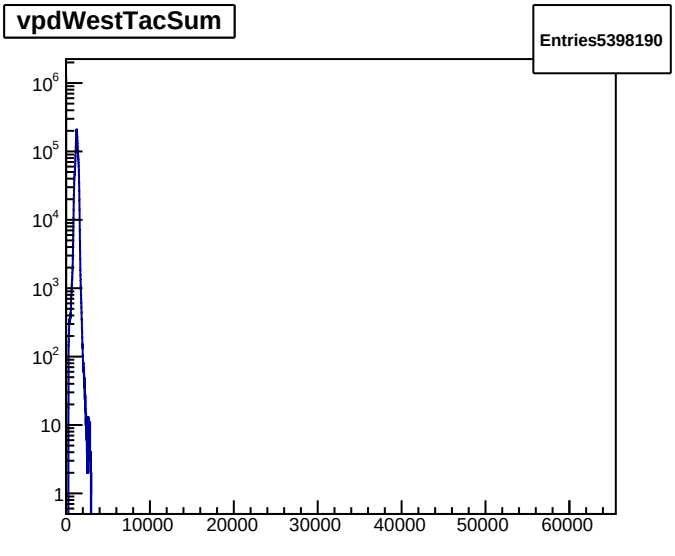

vpdEastTacSumVsSimu
Entries 4383736
Data
Simu

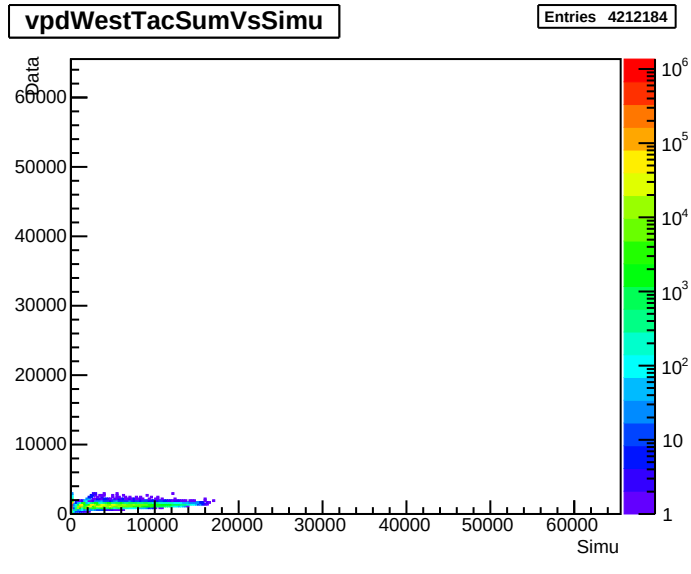

vpdWestAdcSum
Entries5398190

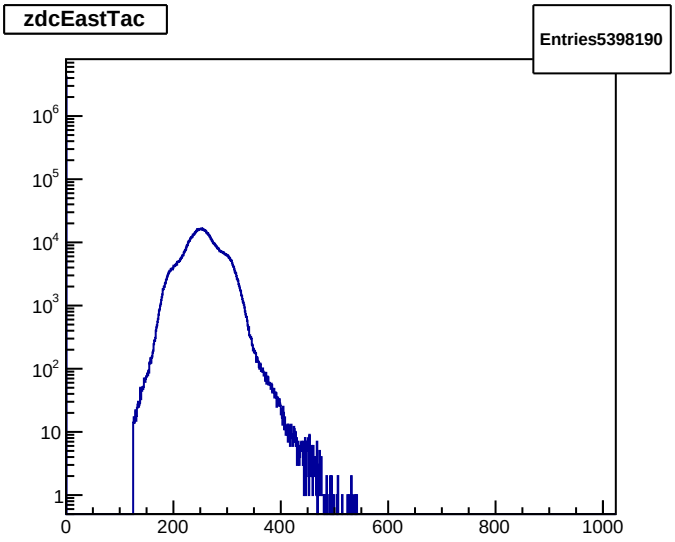

vpdWestAdcSumVsSimu
Entries 3738428
Data
Simu

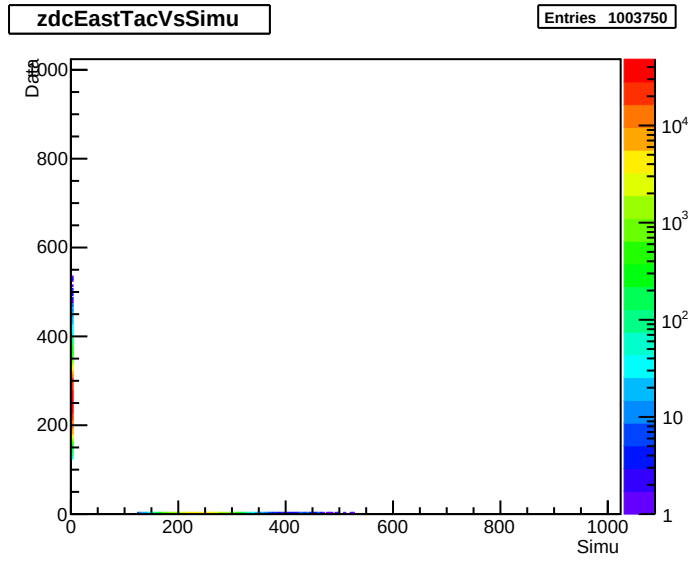

vpdWestNHits
Entries5398190

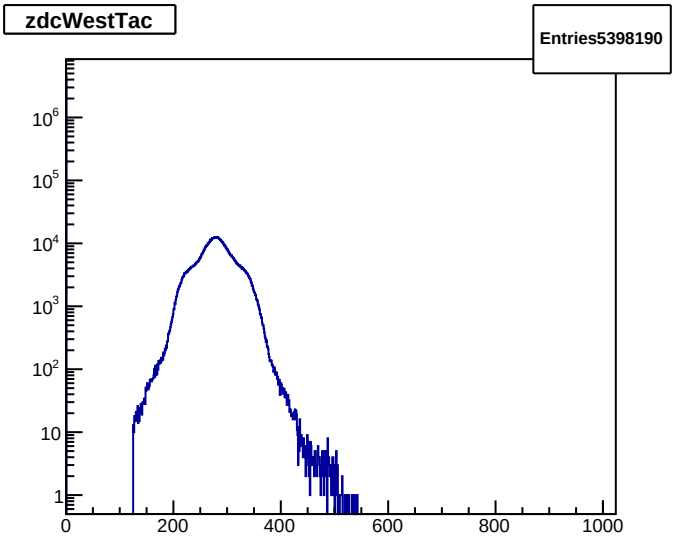

vpdWestNHitsVsSimu
Entries 1253185

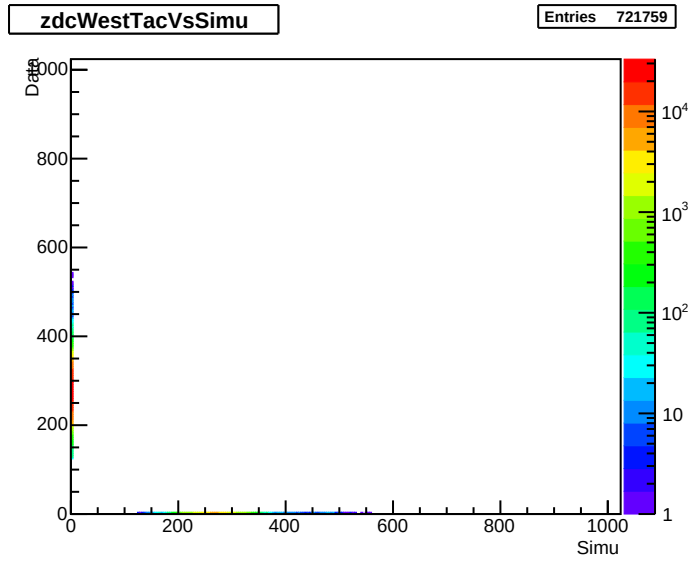

vpdWestTacSum
Entries5398190

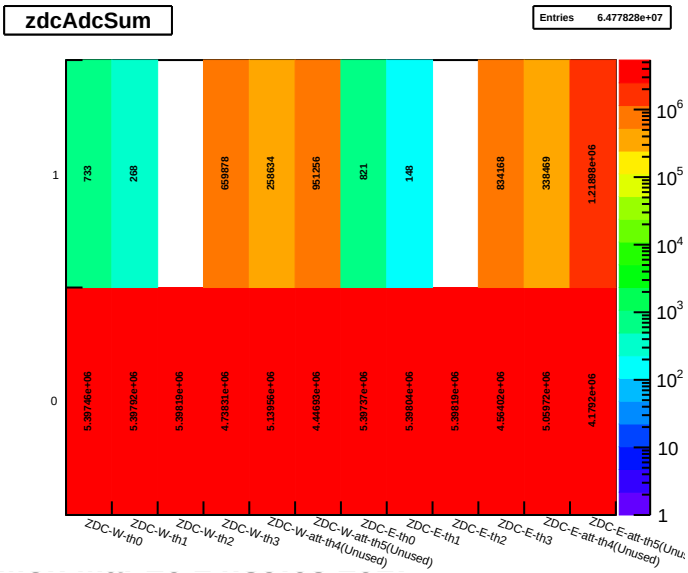

vpdWestTacSumVsSimu
Entries 4212184
Data
Simu

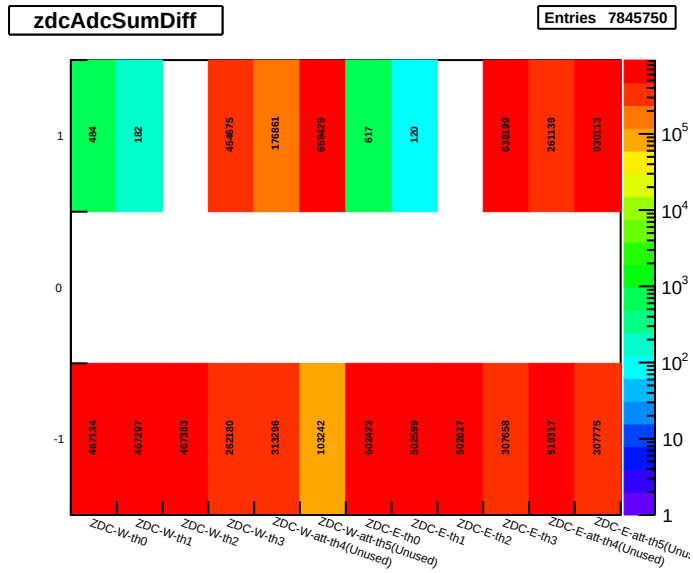

zdcEastTac
Entries5398190

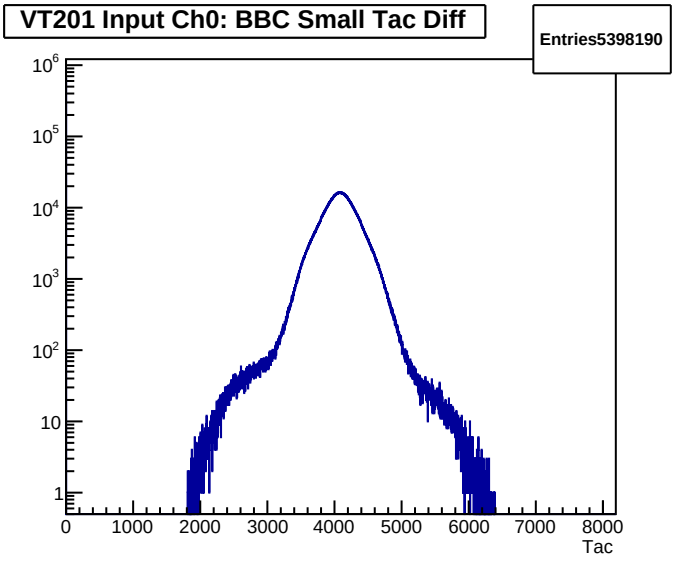

zdcEastTacVsSimu
Entries 1003750
Data
Simu

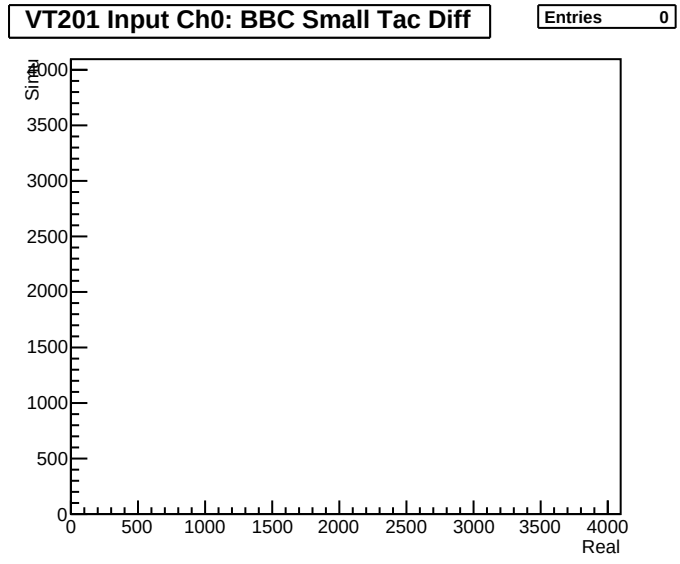

zdcWestTac
Entries5398190

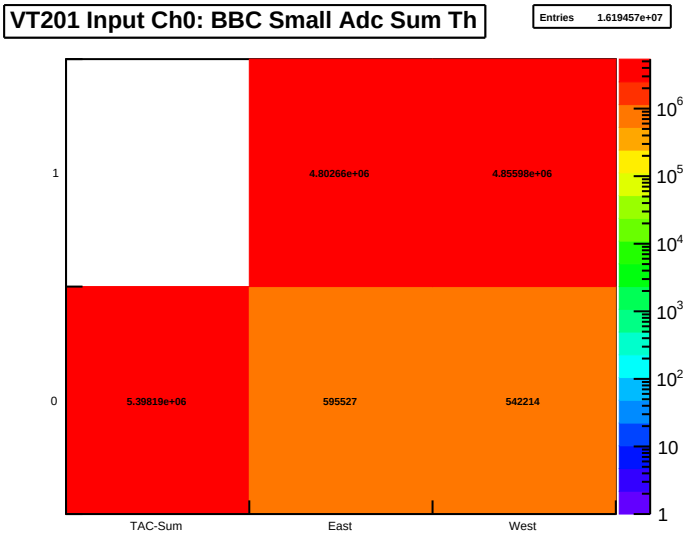

zdcWestTacVsSimu
Entries 721759
Data
Simu

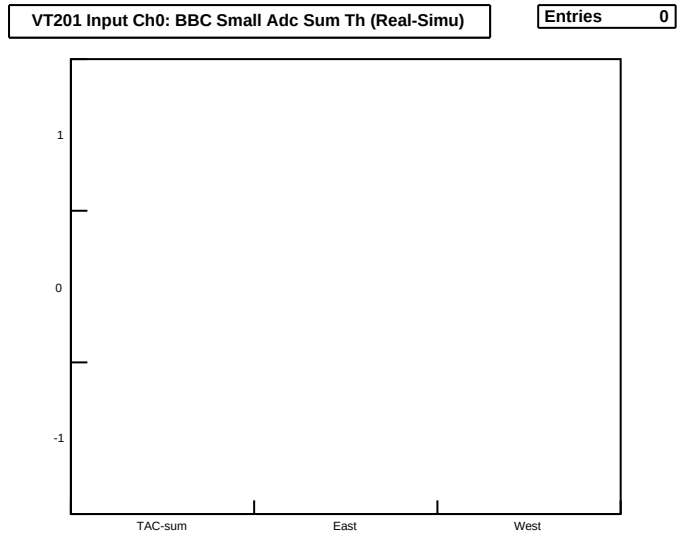

zdcAdcSum
Entries 6.477828e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

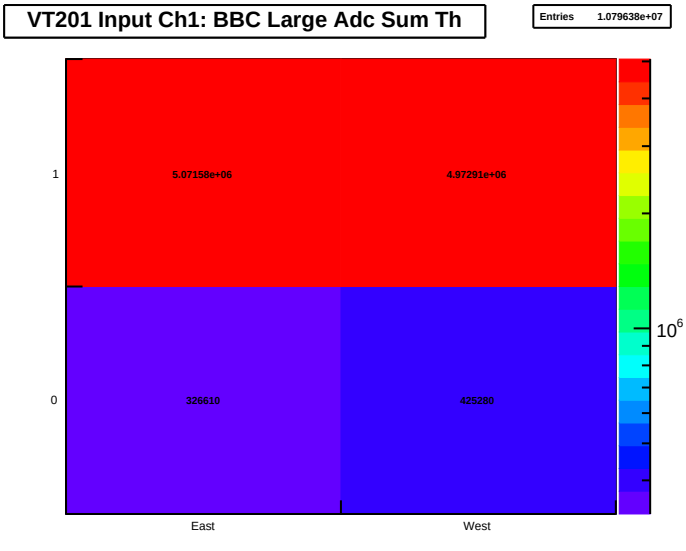

zdcAdcSumDiff
Entries 7845750
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

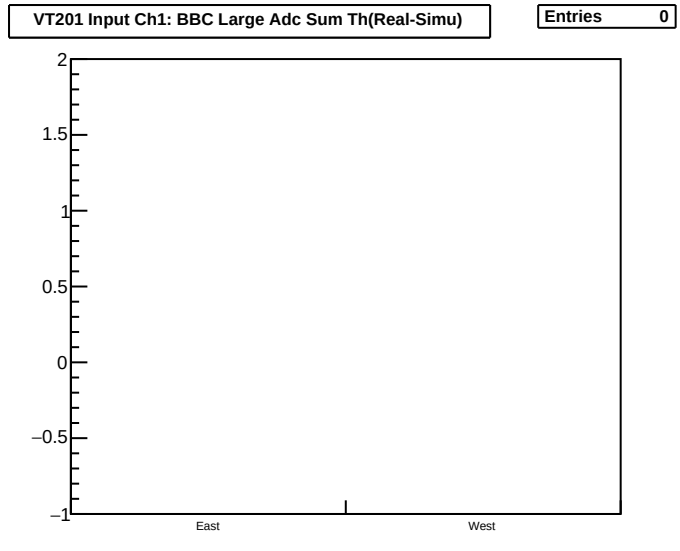

VT201 Input Ch0: BBC Small Tac Diff
Entries5398190
Tac


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

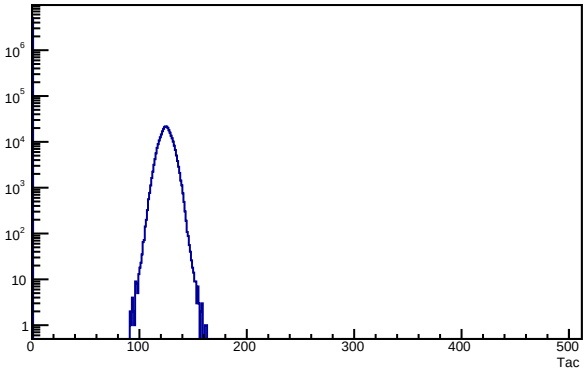

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.619457e+07
4.80266e+06
4.85598e+06
5.39819e+06
595527
542214
TAC-Sum
East
West


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

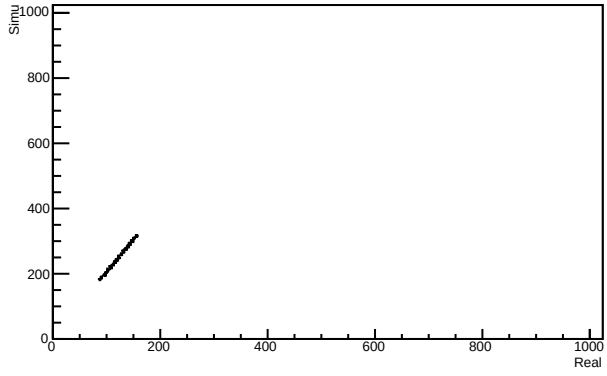

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.079638e+07
5.07158e+06
4.97291e+06
326610
425280
East
West


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

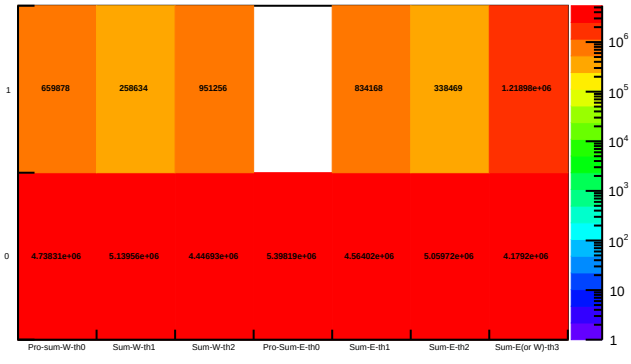
VT201 Input Ch2: ZDC Tac Diff



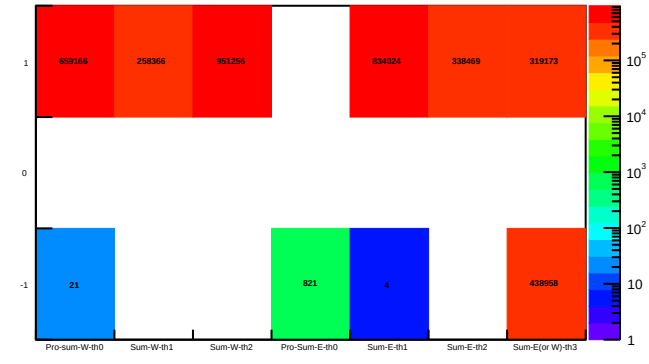
VT201 Input Ch2: ZDC Tac Diff



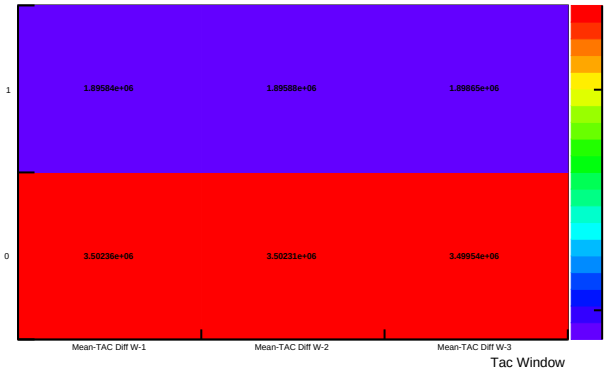
VT201 Input Ch2: ZDC Adc Sum Th



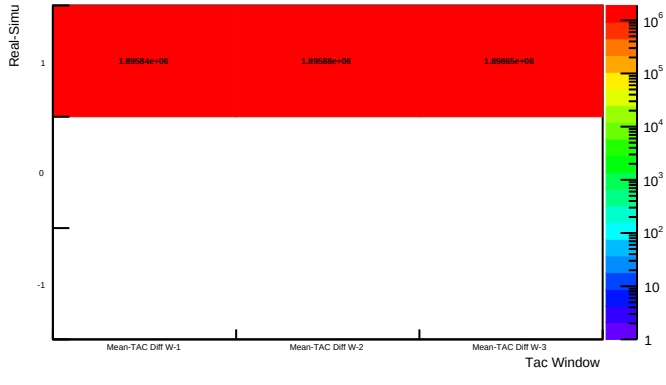
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



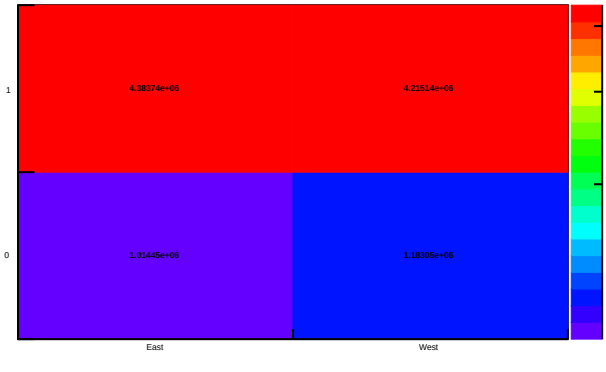
VT201 Input Ch4: VPD Tac Diff



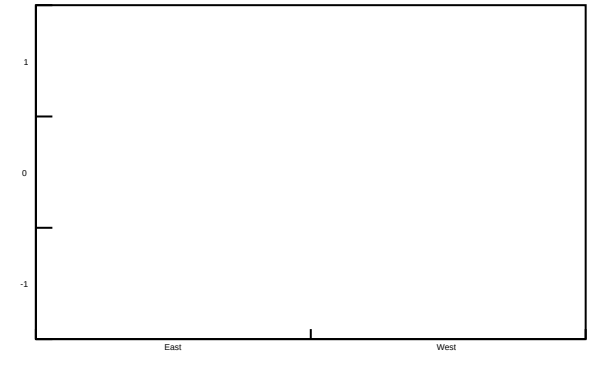
VT201 Input Ch4: VPD Tac Diff

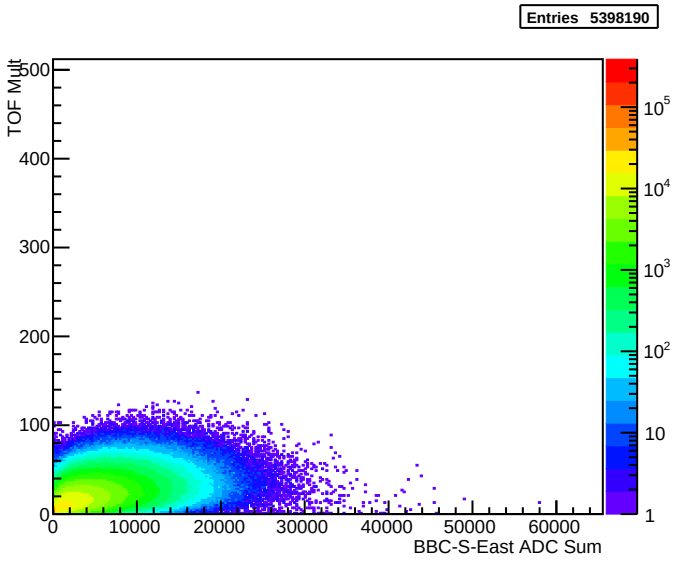


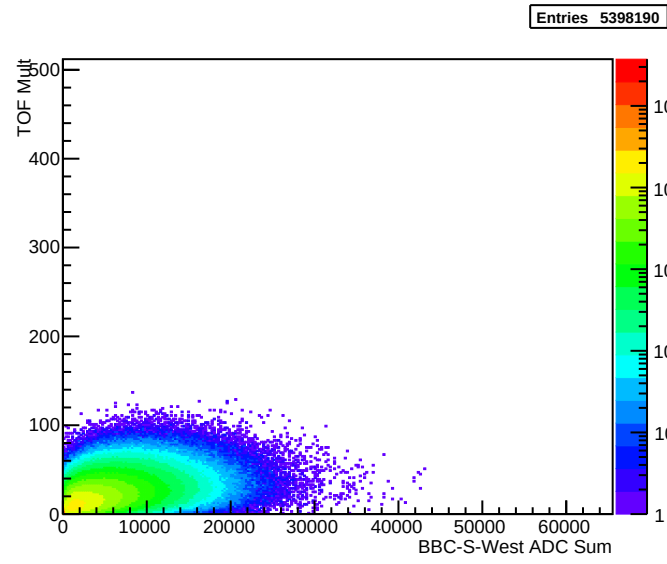
VT201 Input Ch4: VPD Adc Sum Th

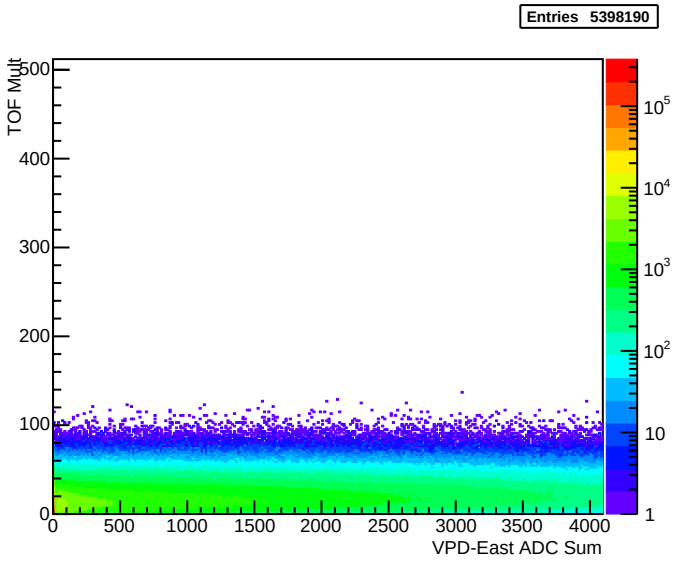


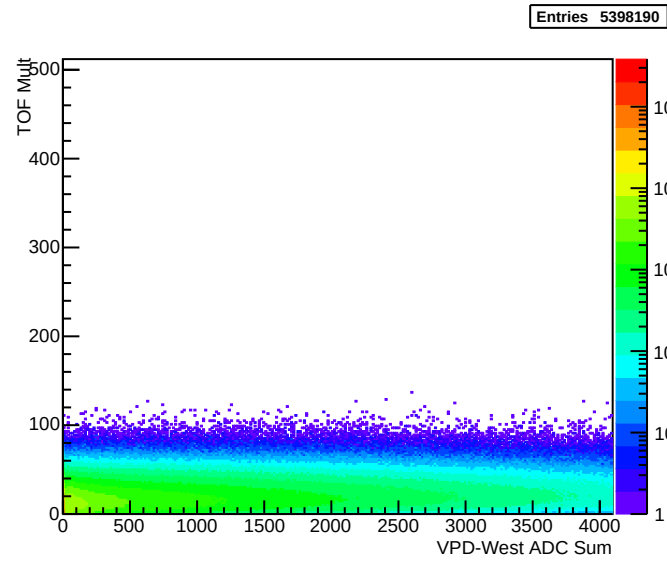
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

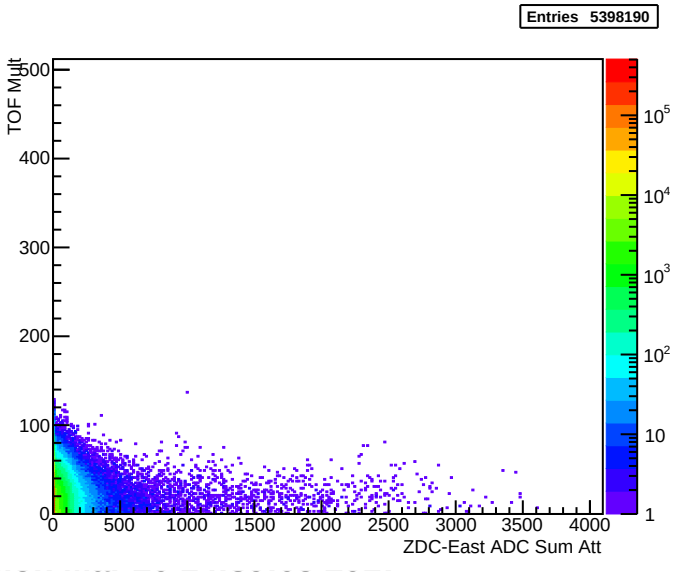


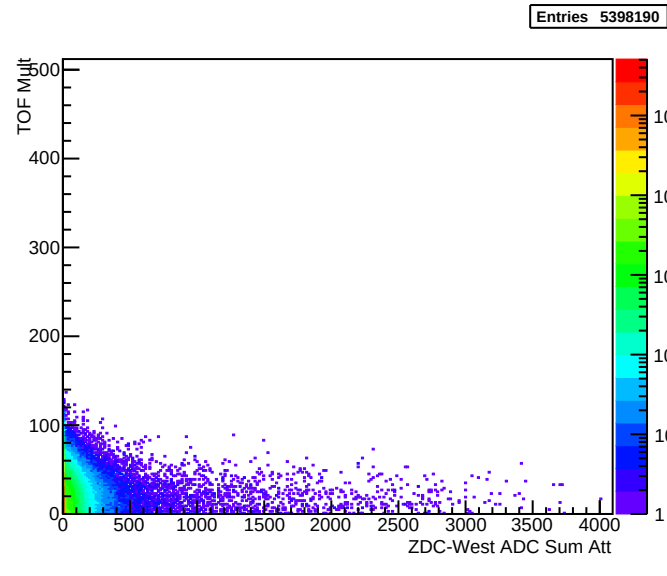

Entries 5398190
TOF Mult
BBC-S-East ADC Sum

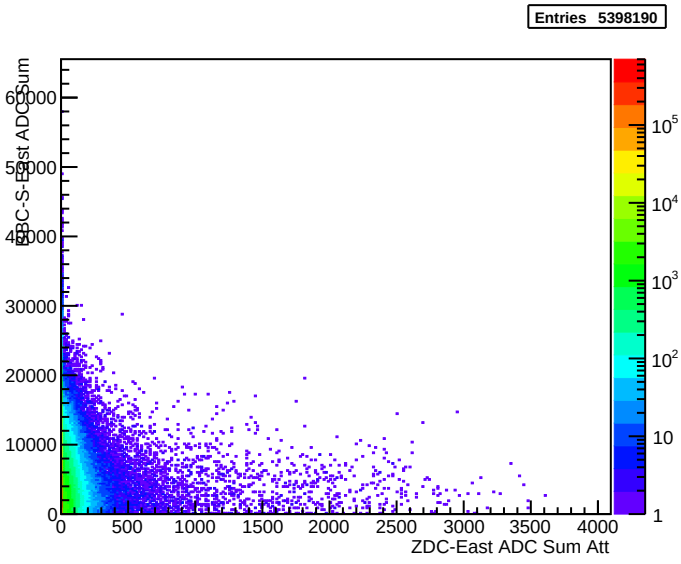

Entries 5398190
TOF Mult
BBC-S-West ADC Sum

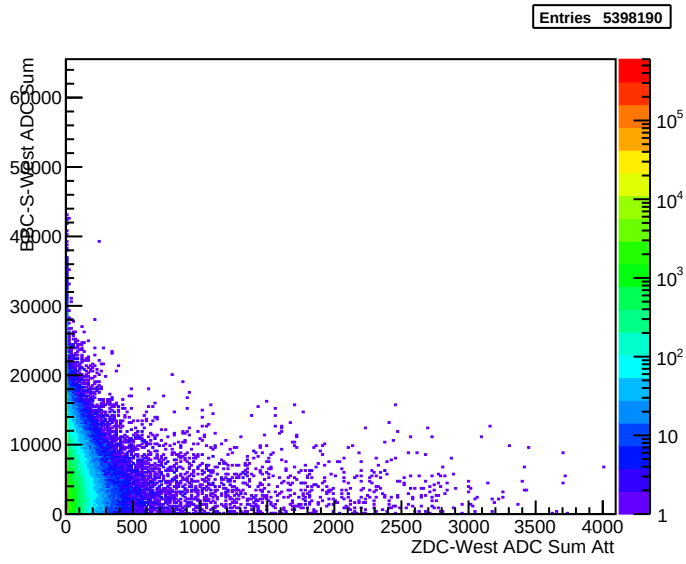

Entries 5398190
TOF Mult
VPD-East ADC Sum

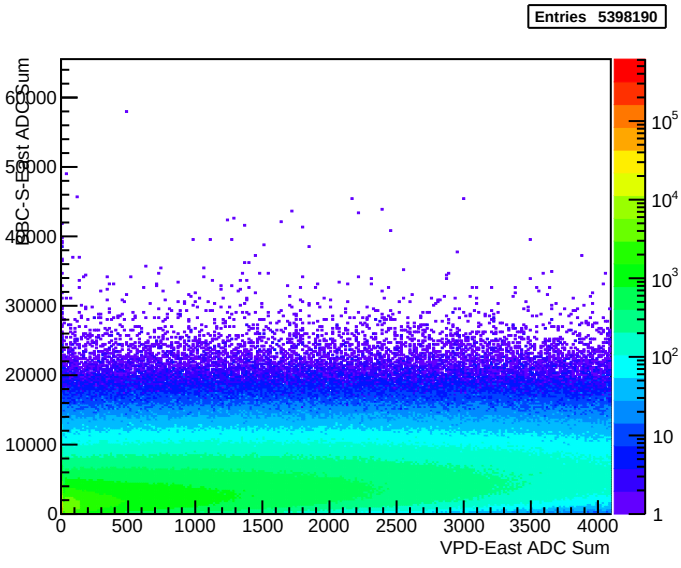

Entries 5398190
TOF Mult
VPD-West ADC Sum

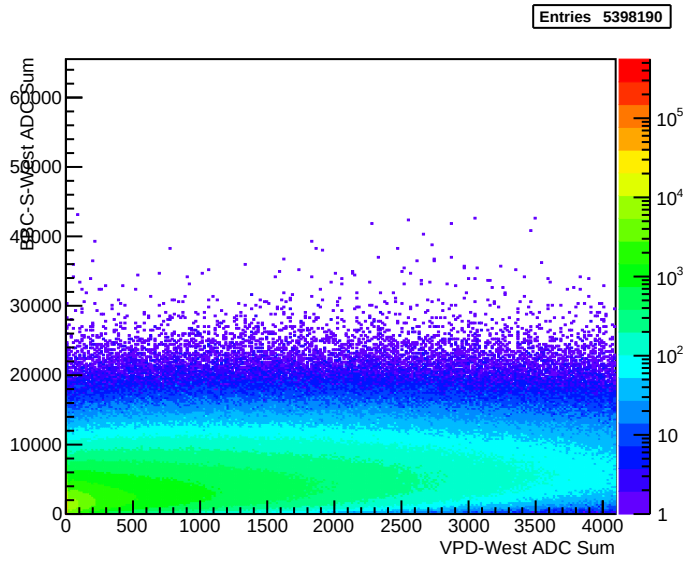

Entries 5398190
TOF Mult
ZDC-East ADC Sum Att

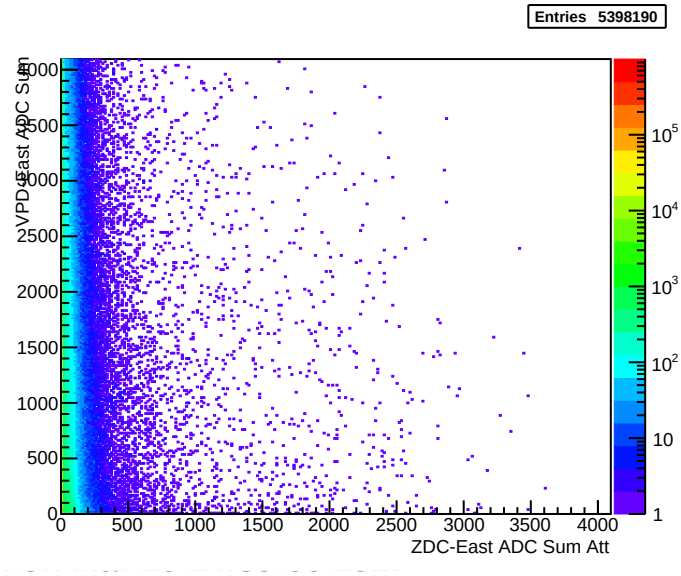

Entries 5398190
TOF Mult
ZDC-West ADC Sum Att

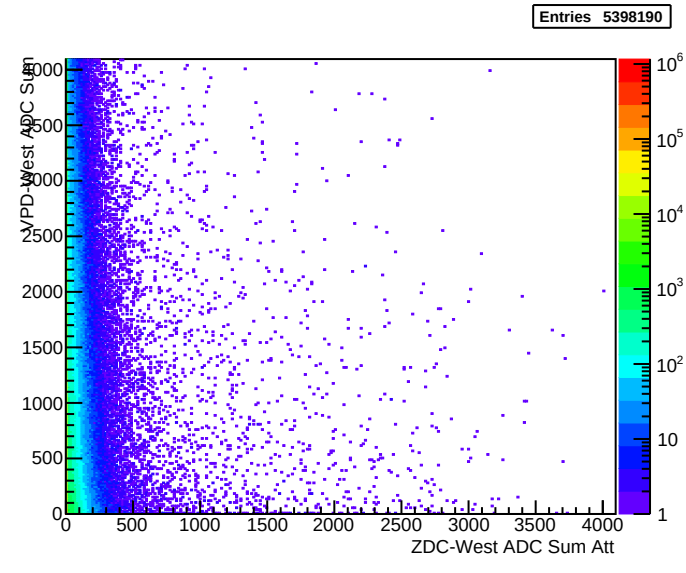

Entries 5398190
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

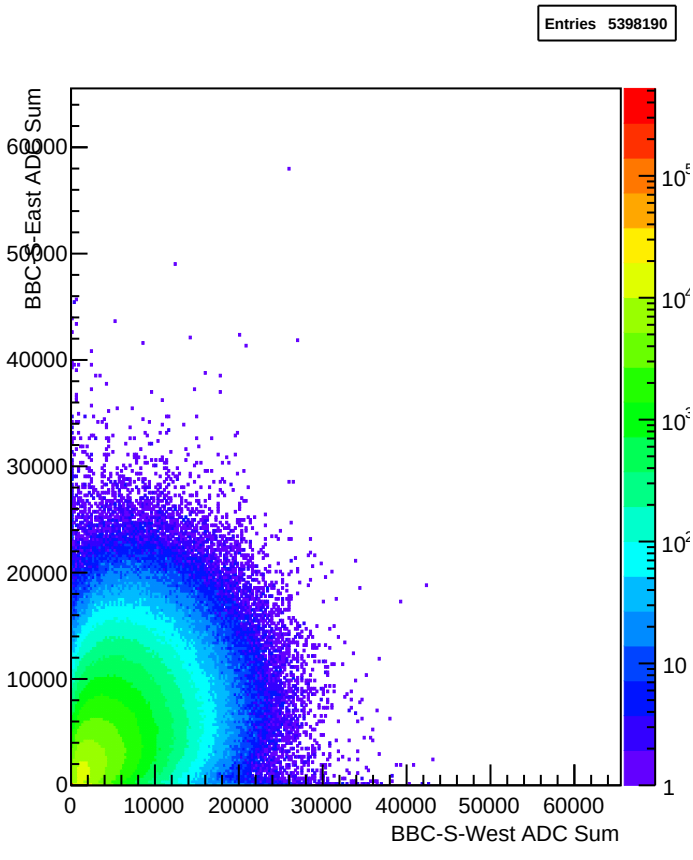

Entries 5398190
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

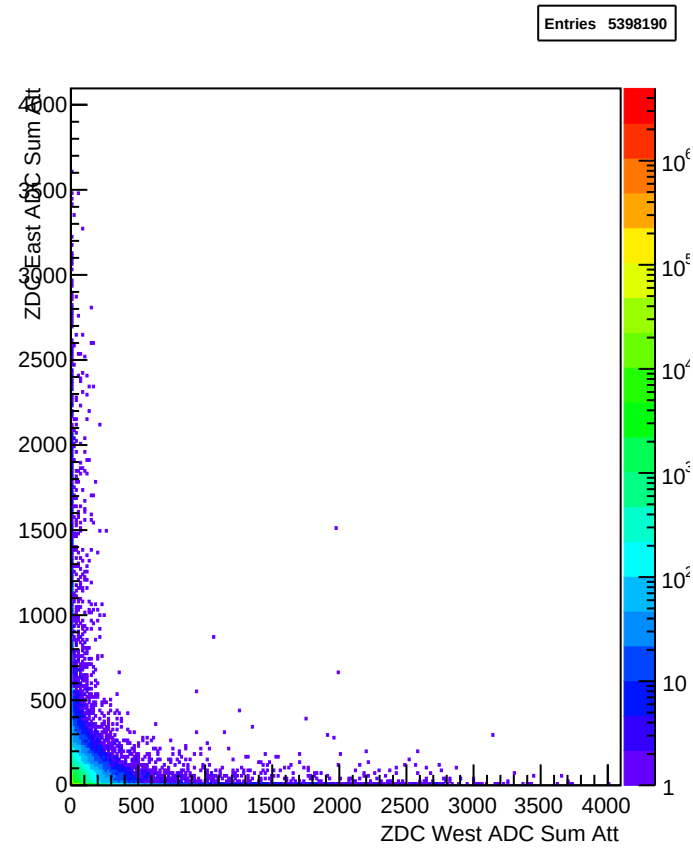

Entries 5398190
BBC-S-East ADC Sum
VPD-East ADC Sum

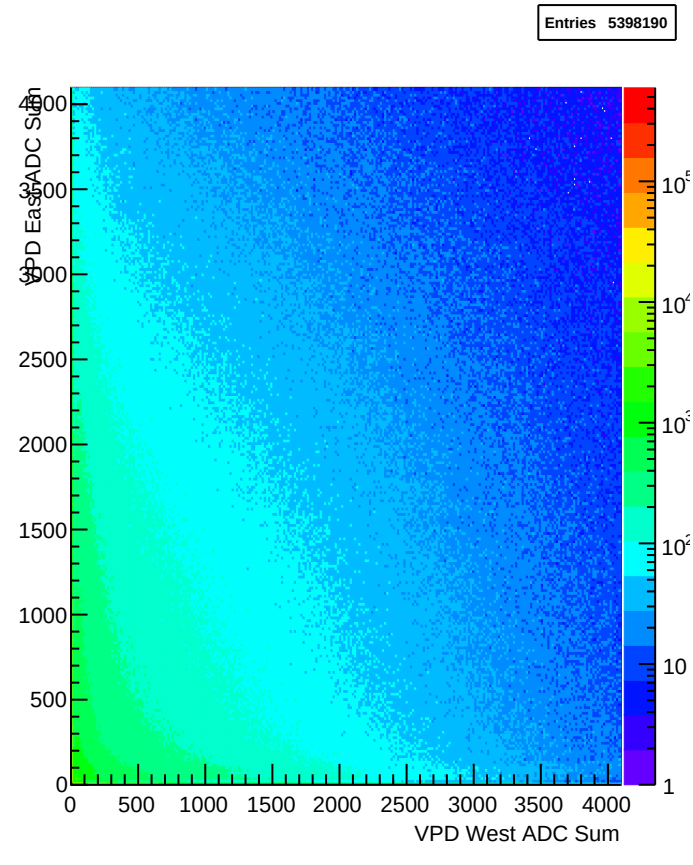

Entries 5398190
BBC-S-West ADC Sum
VPD-West ADC Sum

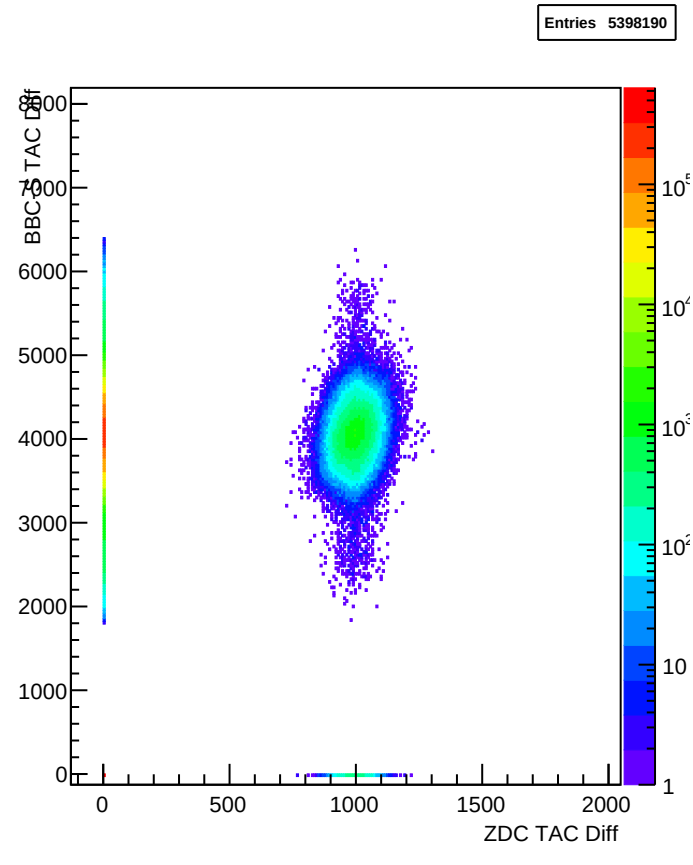

Entries 5398190
VPD-East ADC Sum
ZDC-East ADC Sum Att

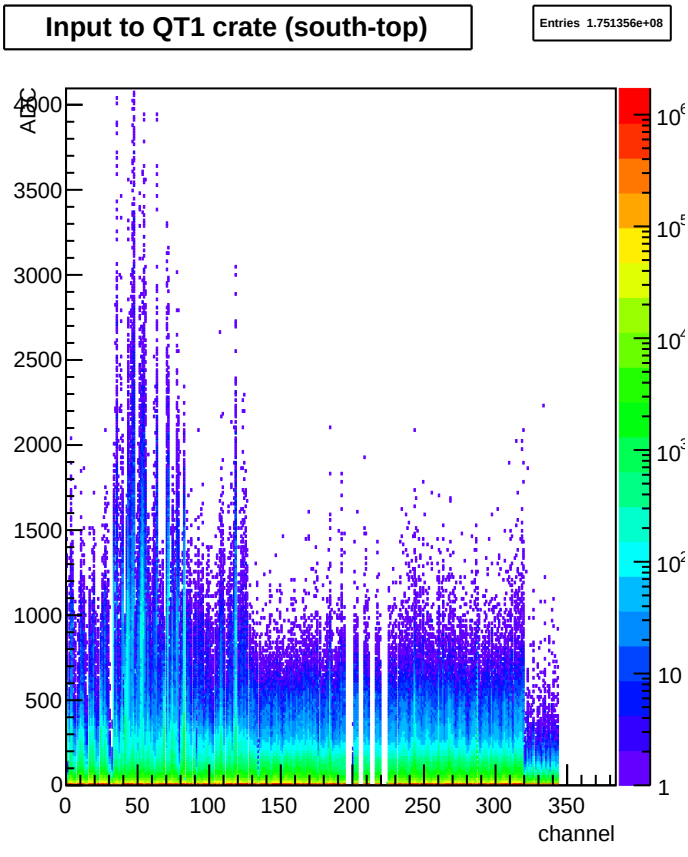

Entries 5398190
VPD-West ADC Sum
ZDC-West ADC Sum Att

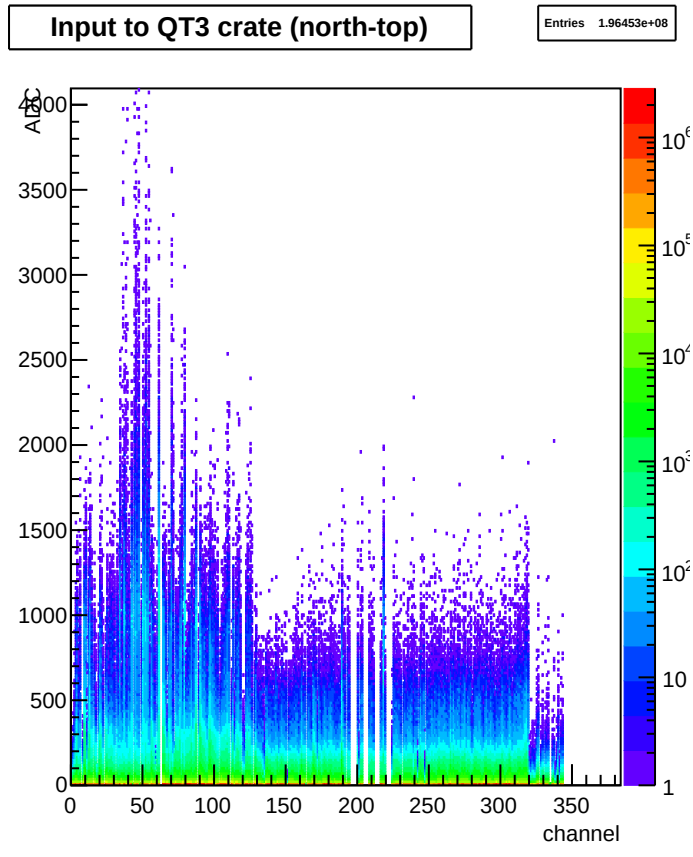

Entries 5398190
BBC-S-East ADC Sum
BBC-S-West ADC Sum

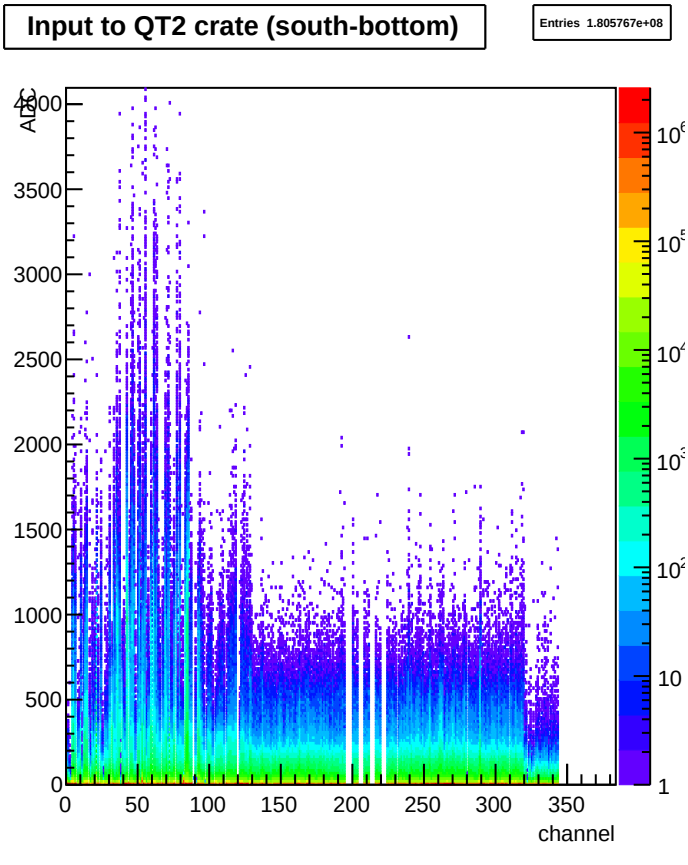

Entries 5398190
ZDC East ADC Sum Att
ZDC West ADC Sum Att

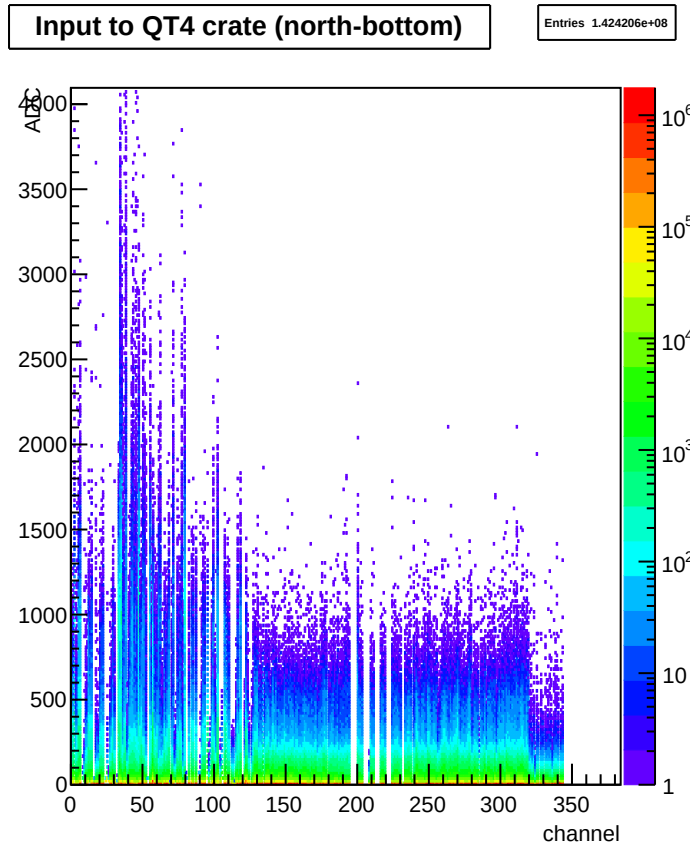

Entries 5398190
VPD East ADC Sum
VPD West ADC Sum

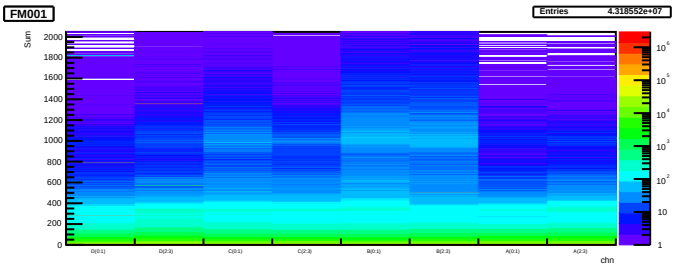

Entries 5398190
BBC-S TAC Diff
ZDC TAC Diff

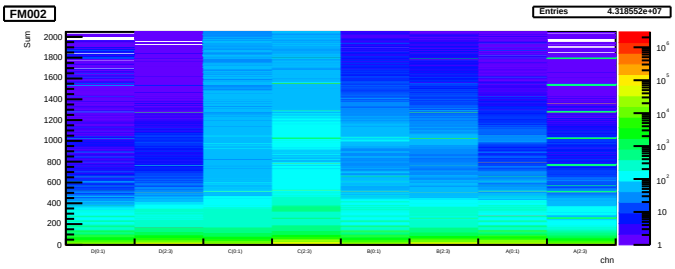

Input to QT1 crate (south-top)
Entries 1.751356e+08
ADC
channel

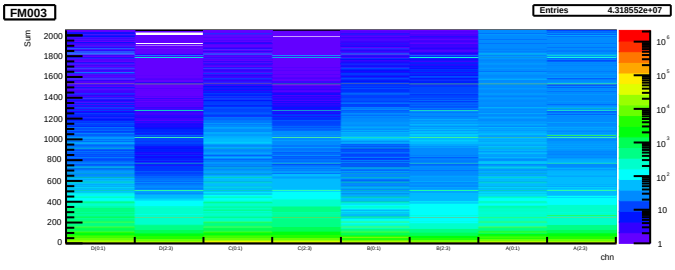

Input to QT3 crate (north-top)
Entries 1.96453e+08
ADC
channel

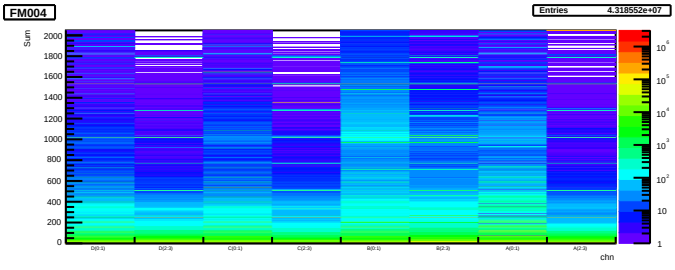

Input to QT2 crate (south-bottom)
Entries 1.805767e+08
ADC
channel

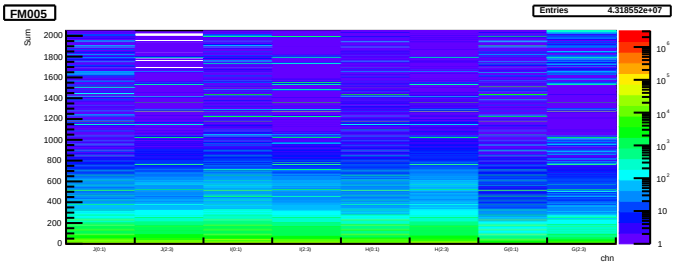

Input to QT4 crate (north-bottom)
Entries 1.424206e+08
ADC
channel

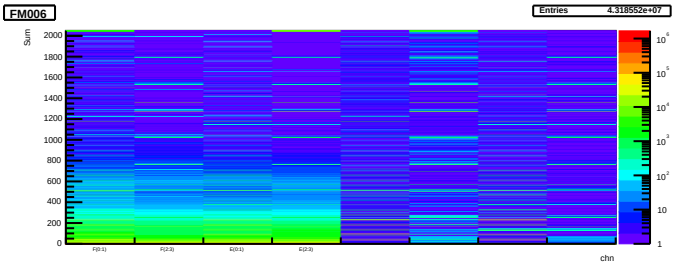

FM001
Entries 4.318552e+07
Sum
chn

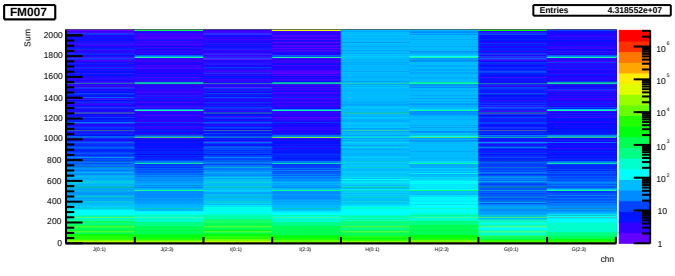

FM002
Entries 4.318552e+07
Sum
chn

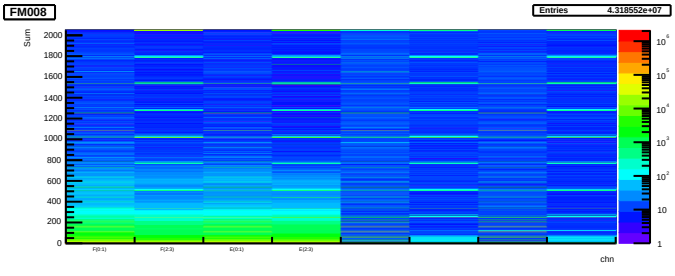

FM003
Entries 4.318552e+07
Sum
chn

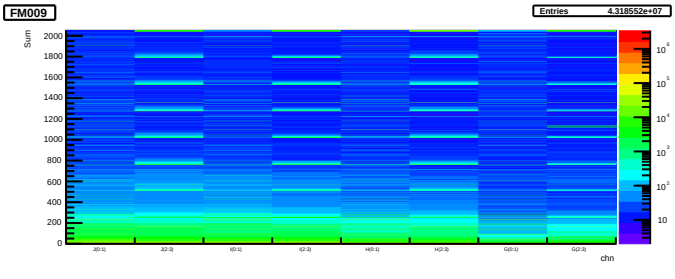

FM004
Entries 4.318552e+07
Sum
chn

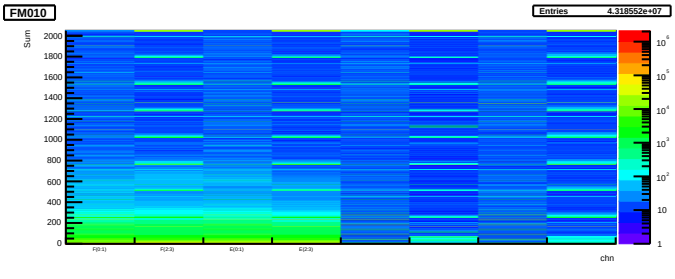

FM005
Entries 4.318552e+07
Sum
chn


FM006
Entries 4.318552e+07
Sum
chn


FM007
Entries 4.318552e+07
Sum
chn


FM008
Entries 4.318552e+07
Sum
chn


FM009
Entries 4.318552e+07
Sum
chn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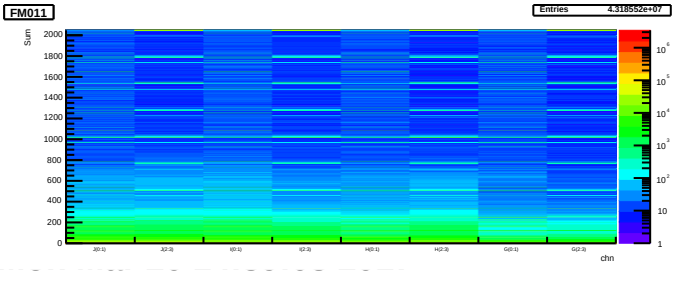
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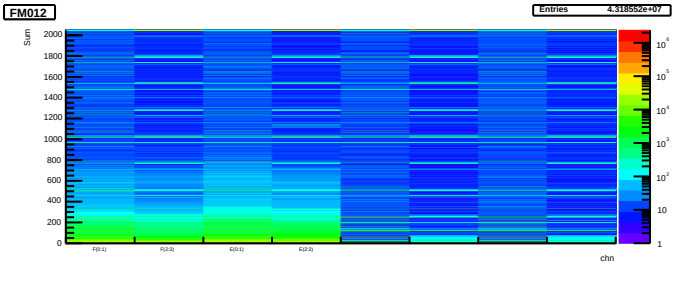
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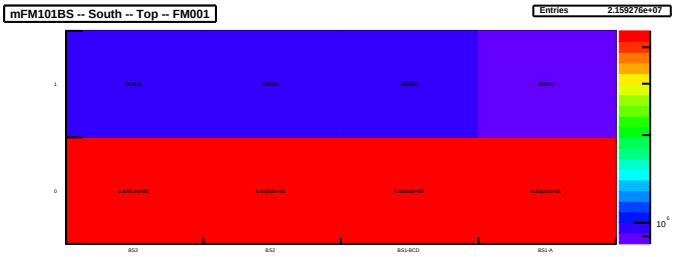
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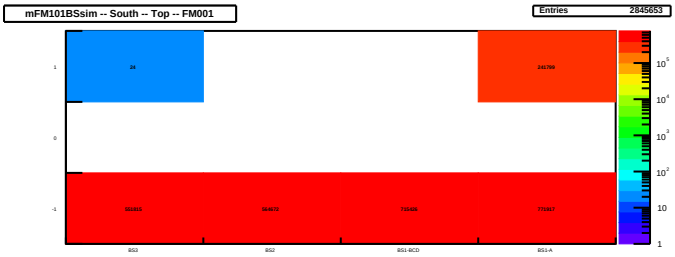
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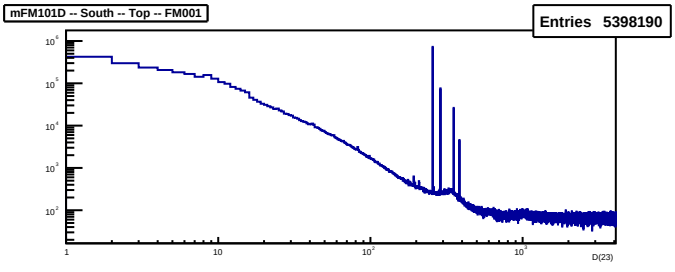
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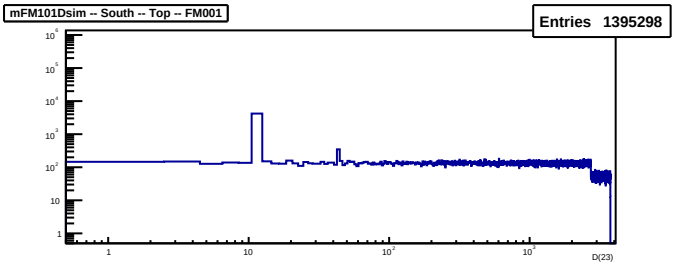
D(23)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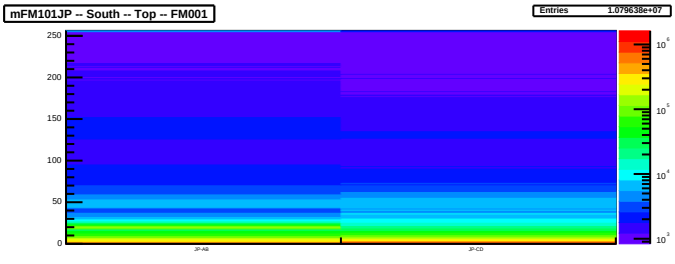
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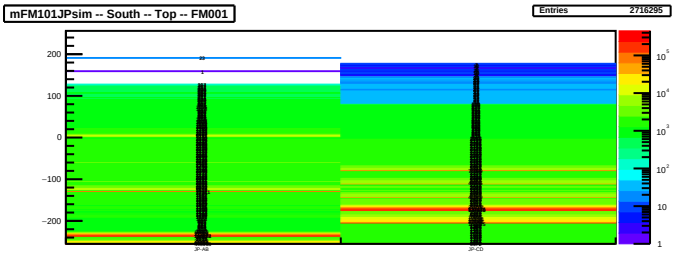
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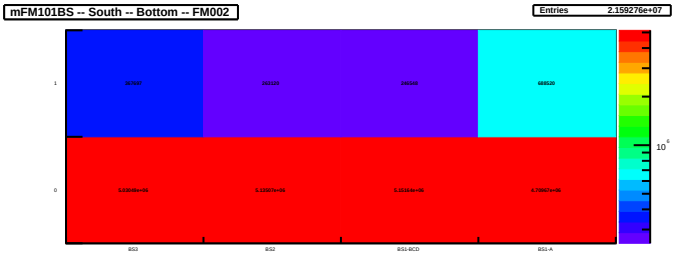
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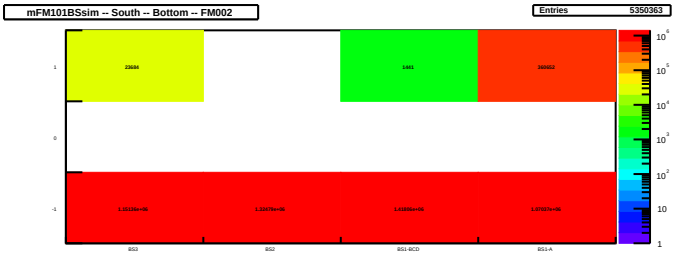
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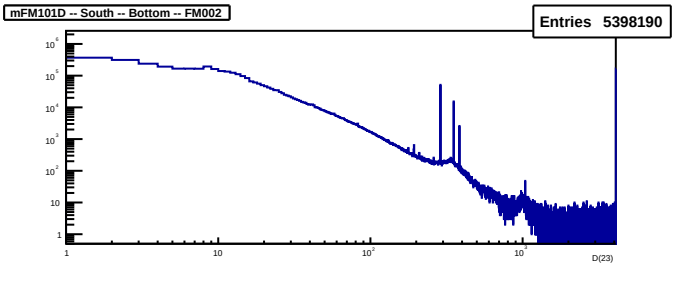
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Entries 5398190
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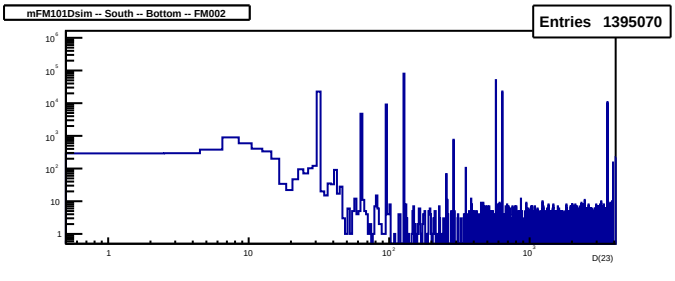
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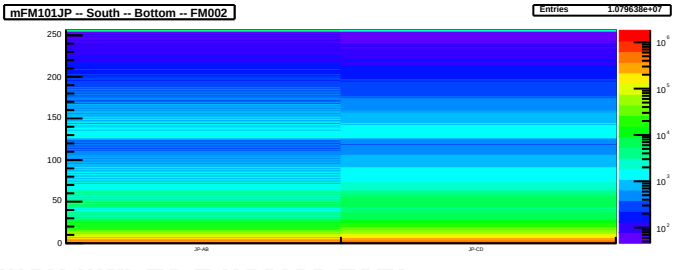
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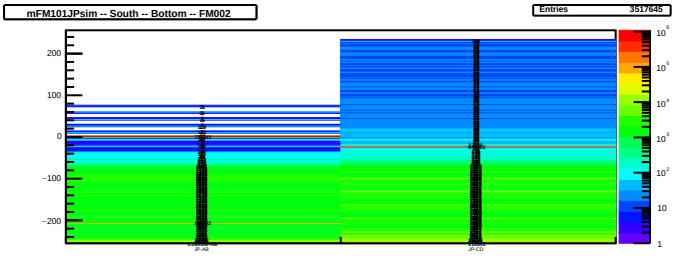
Entries 1.079638e+07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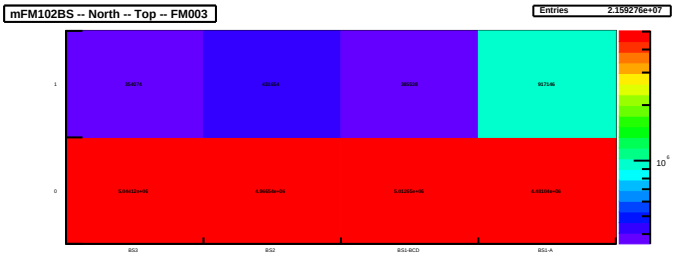
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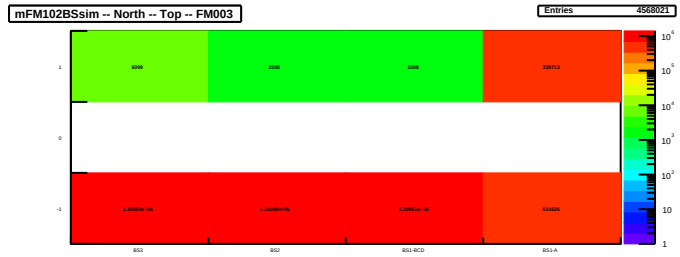
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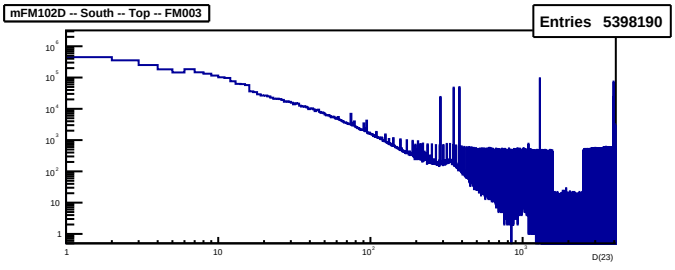
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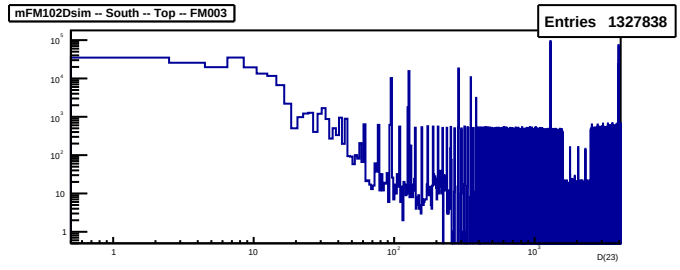
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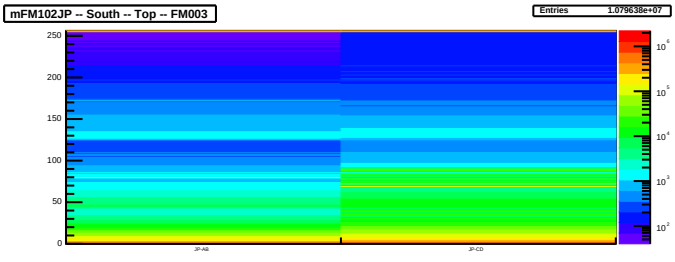
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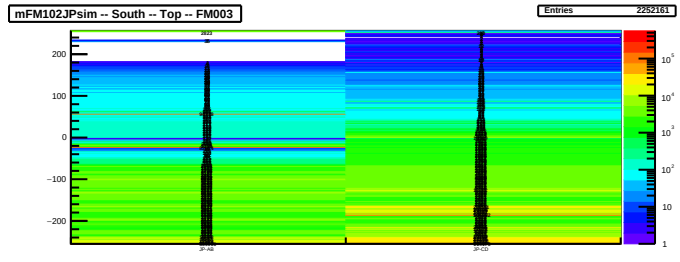
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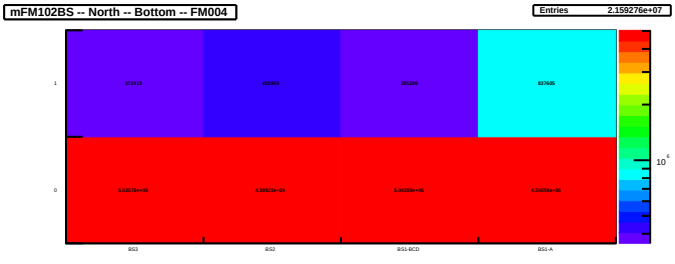
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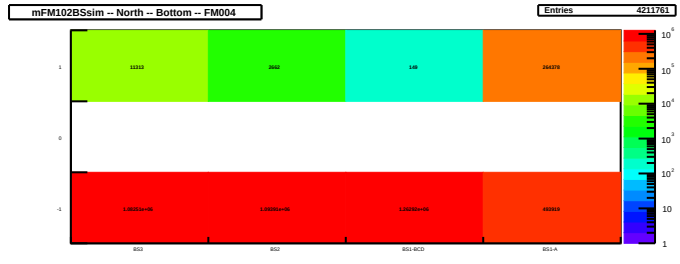
Entries 2.159276e+07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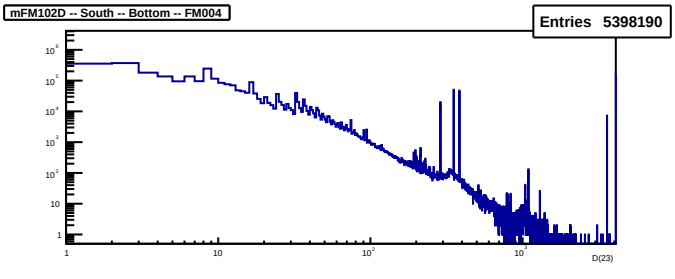
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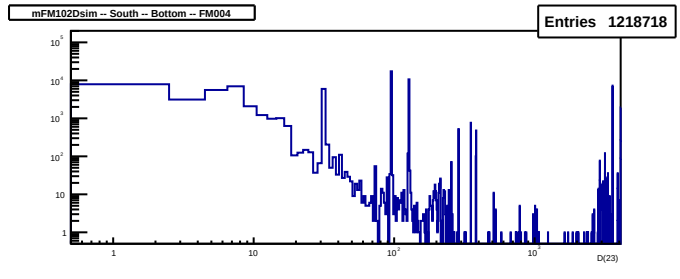
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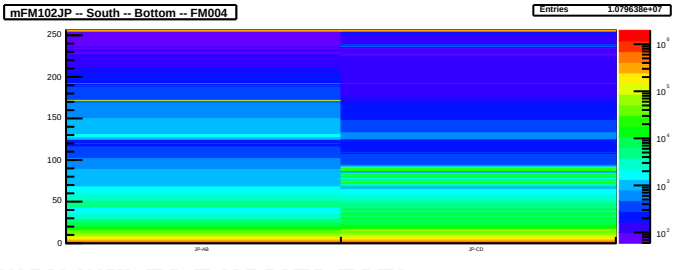
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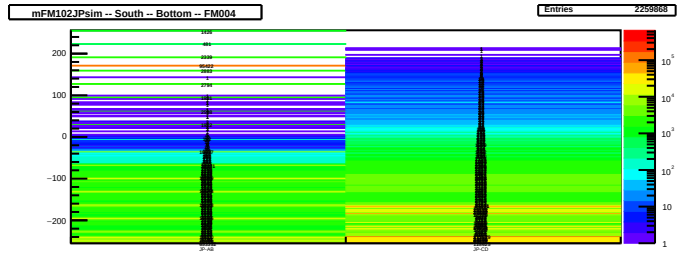
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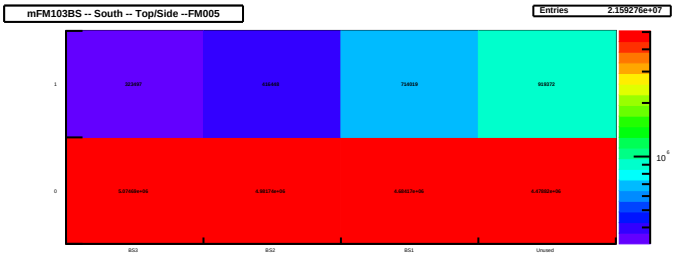
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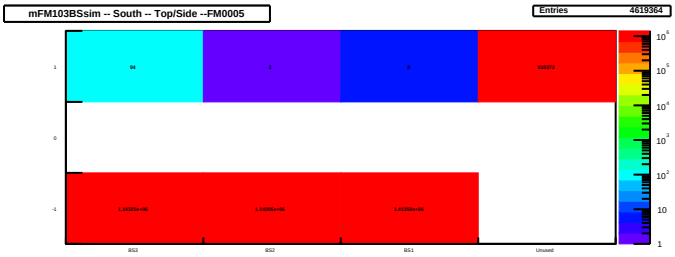
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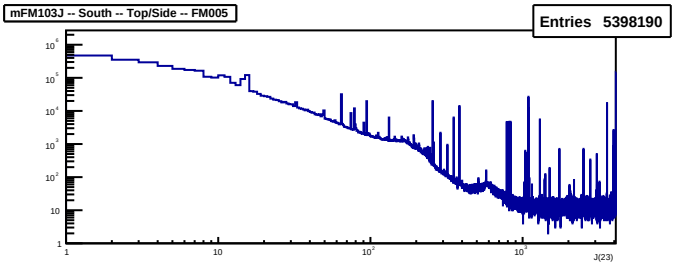
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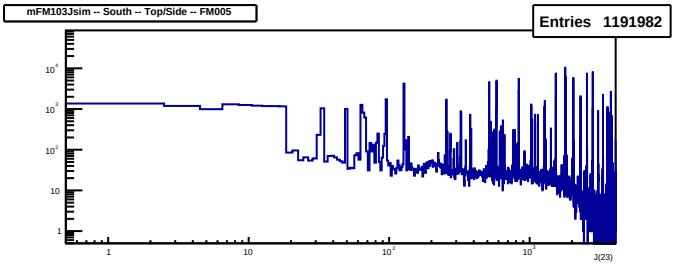
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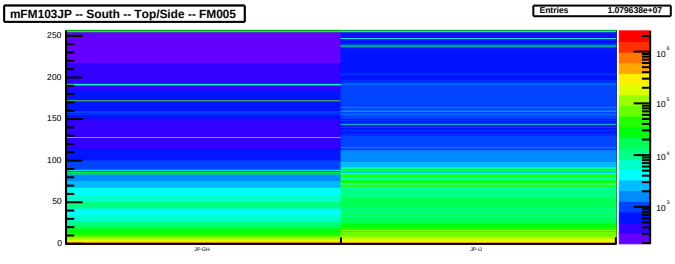
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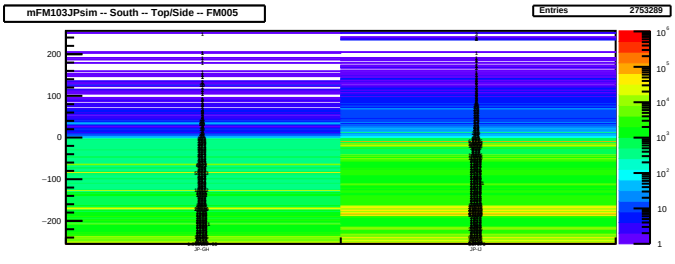
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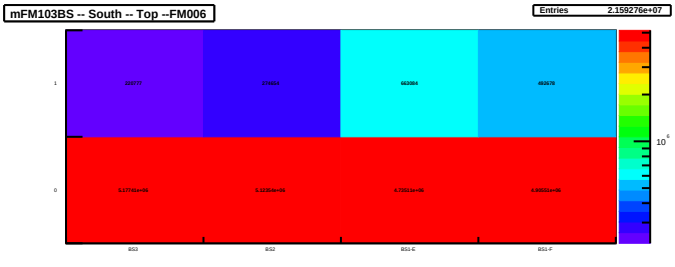
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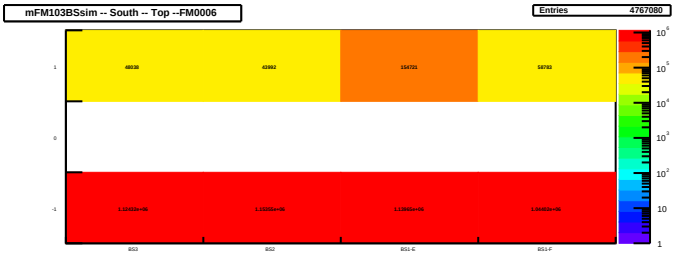
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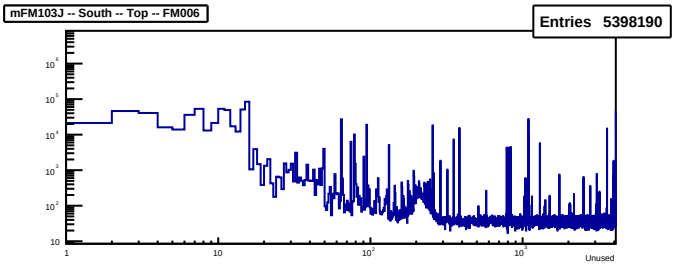
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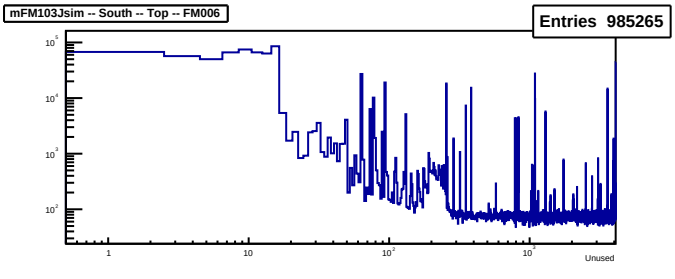
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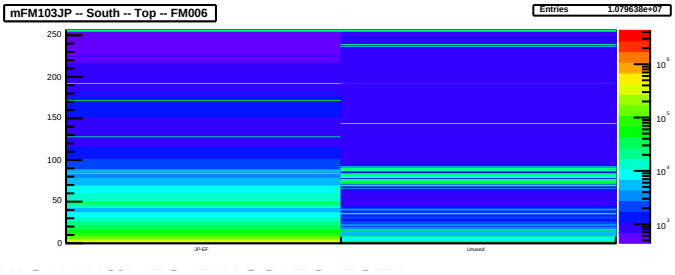
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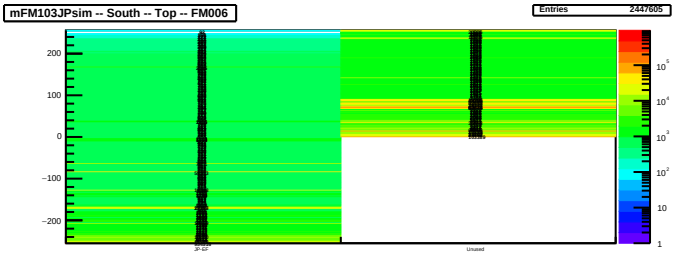
Entries 1.079638e+07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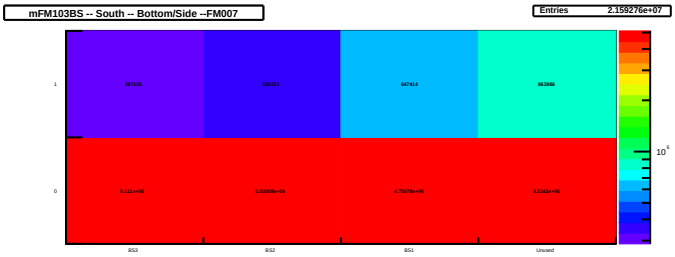
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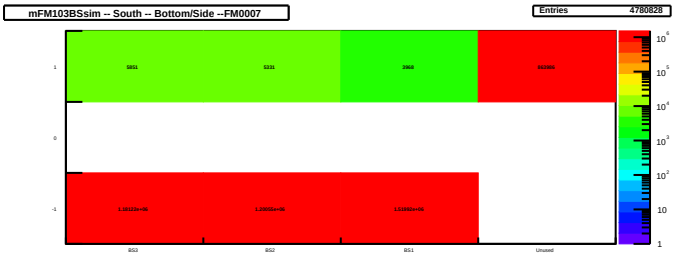
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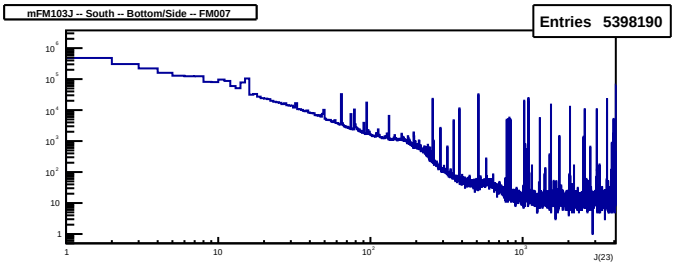
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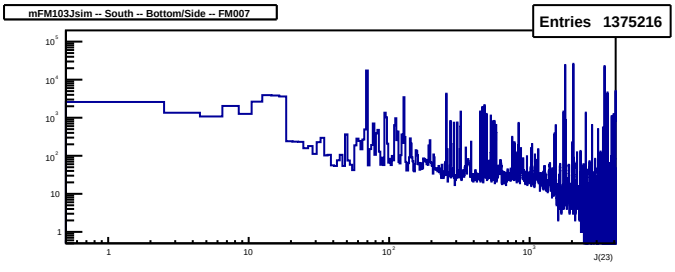
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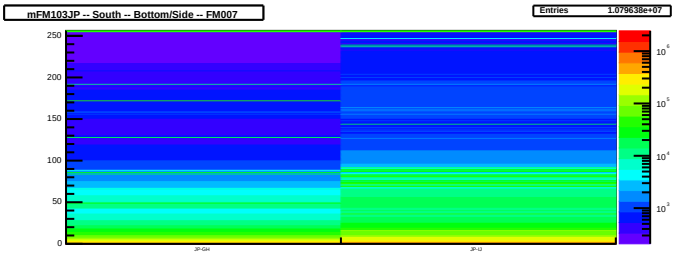
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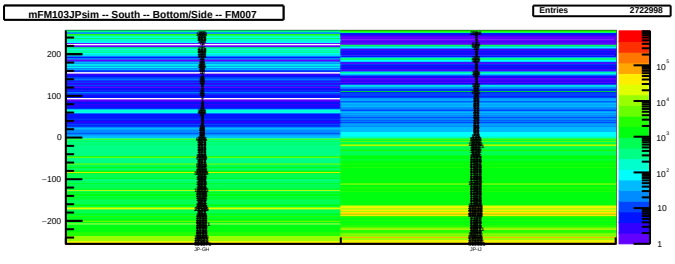
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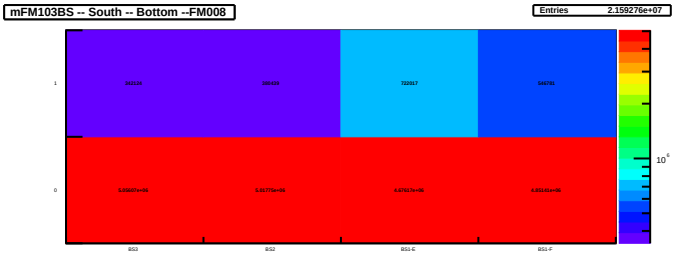
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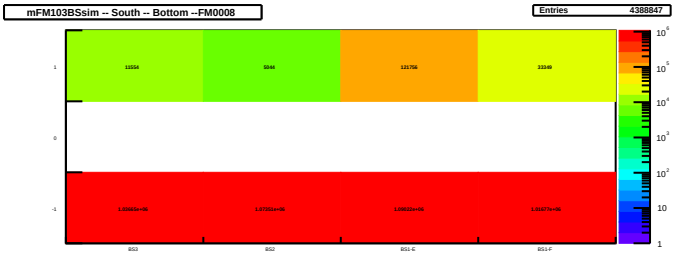
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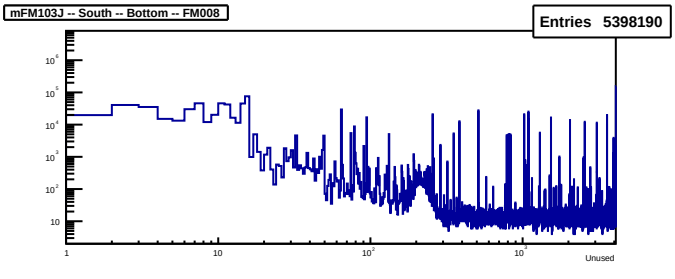
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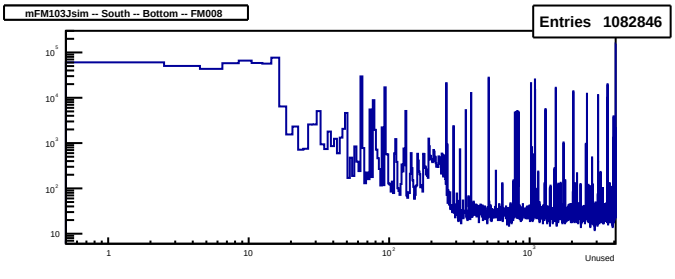
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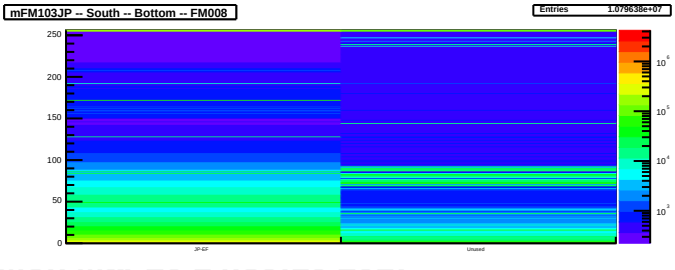
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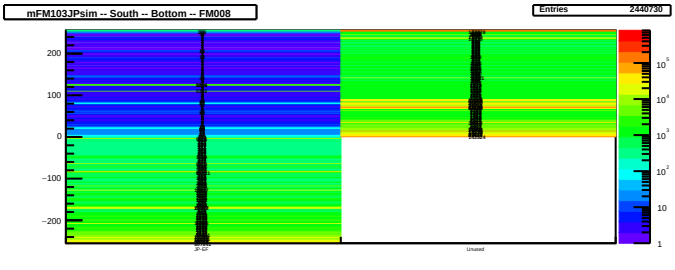
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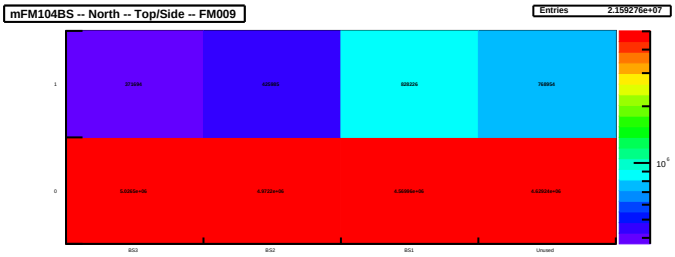
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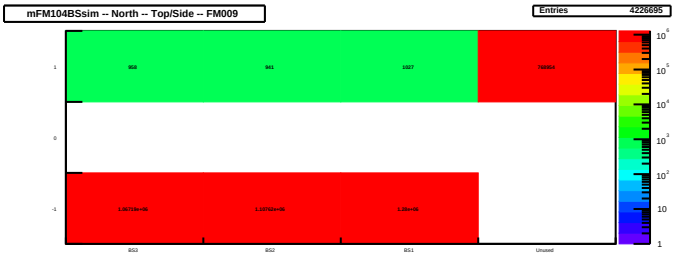
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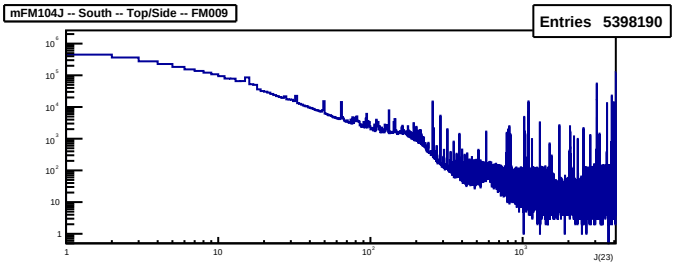
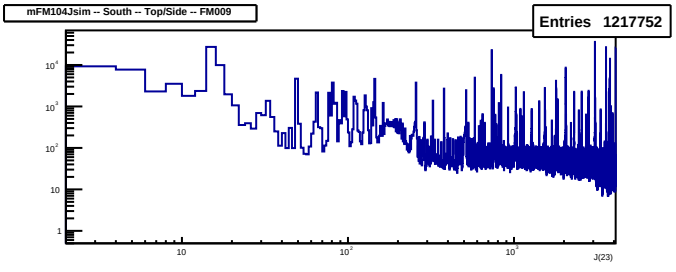
Entries 4226695


mFM104J -- South -- Top/Side -- FM009
Entries 5398190
J(23)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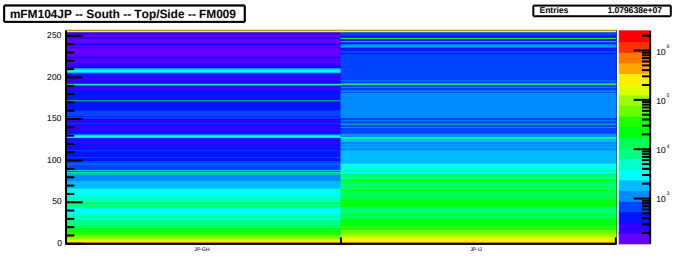
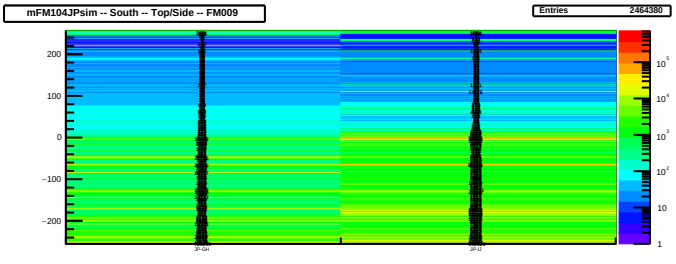
Entries 1217752
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.079638e+07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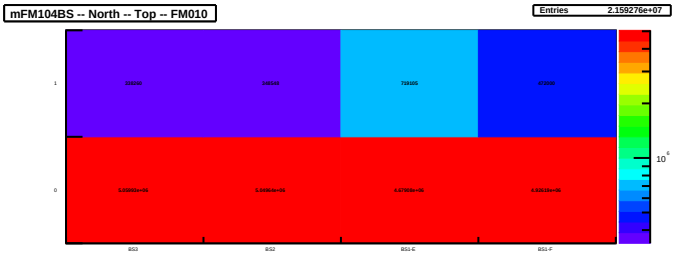
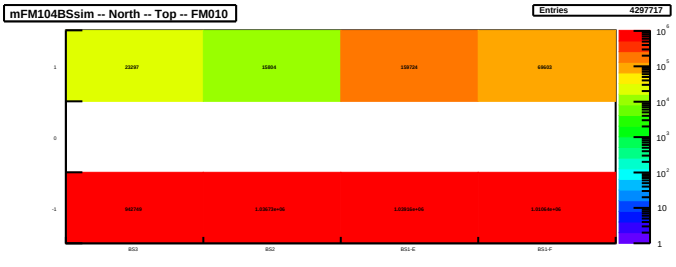
Entries 2464380


mFM104BS -- North -- Top -- FM010
Entries 2.159276e+07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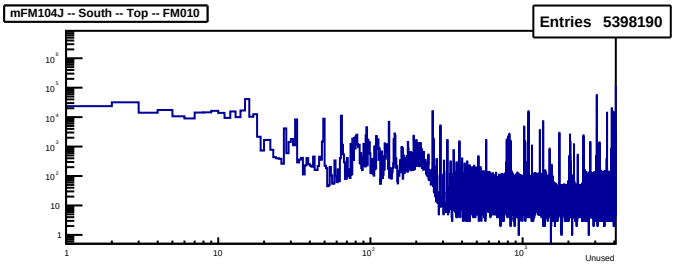
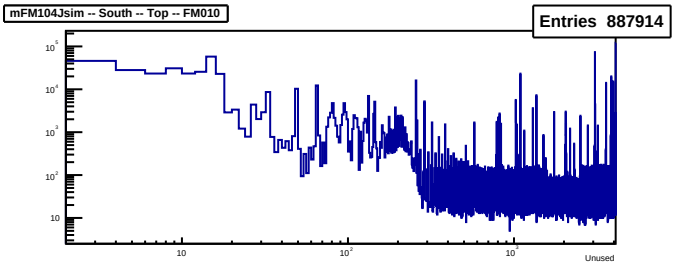
Entries 4297717


mFM104J -- South -- Top -- FM010
Entries 5398190
Unused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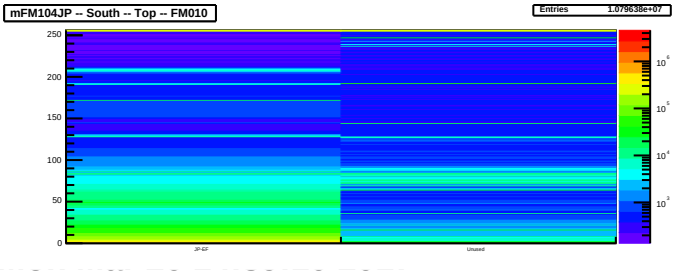
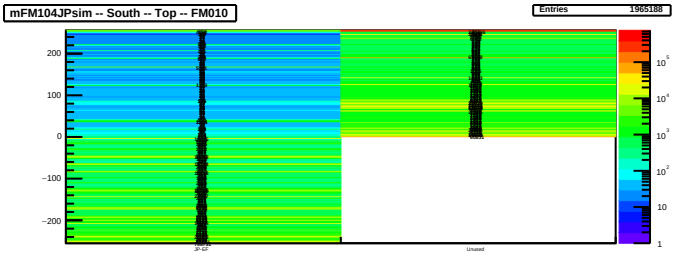
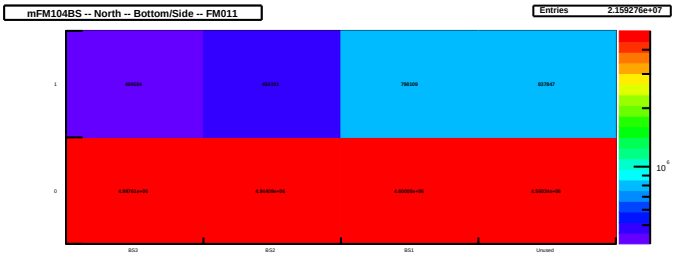
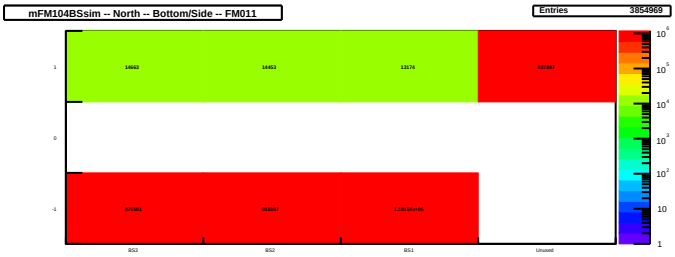
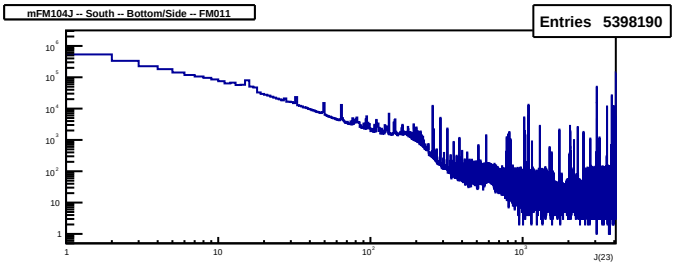
Entries 887914
Unused

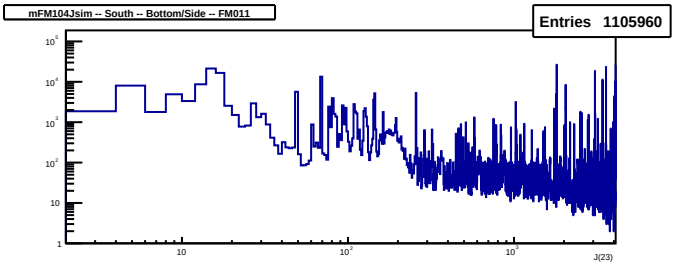

mFM104JP -- South -- Top -- FM010
Entries 1.079638e+07

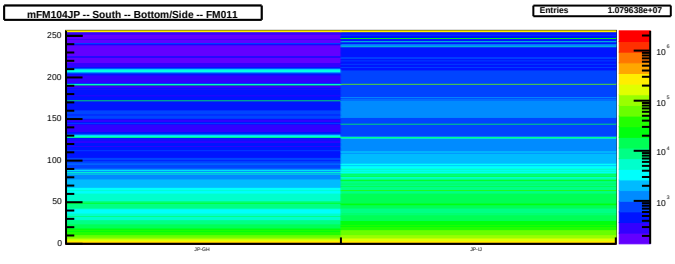

mFM104JPsim -- South -- Top -- FM010
Entries 1965188

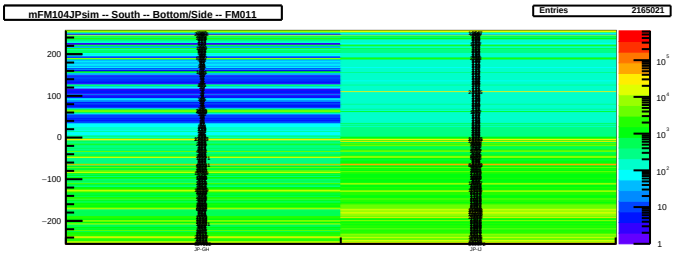

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.159276e+07

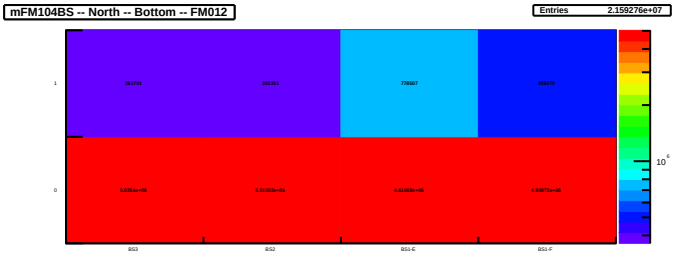

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3854969

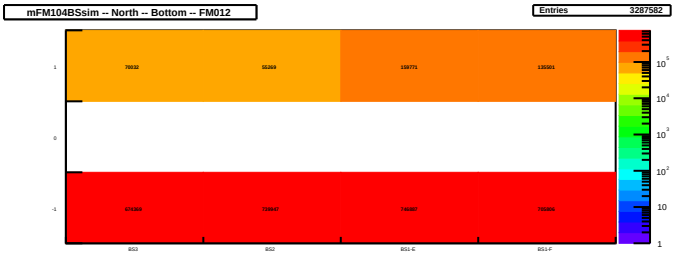

mFM104J -- South -- Bottom/Side -- FM011
Entries 5398190
J(23)

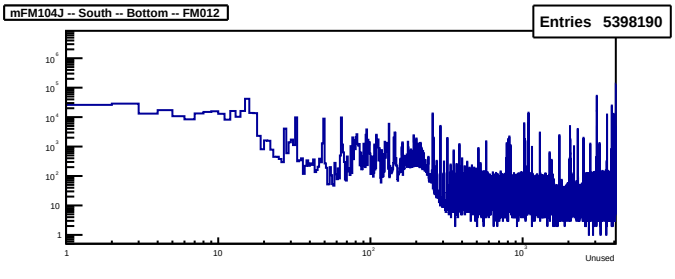

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1105960
J(23)

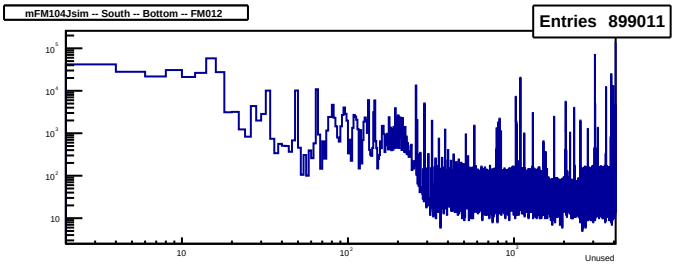

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.079638e+07

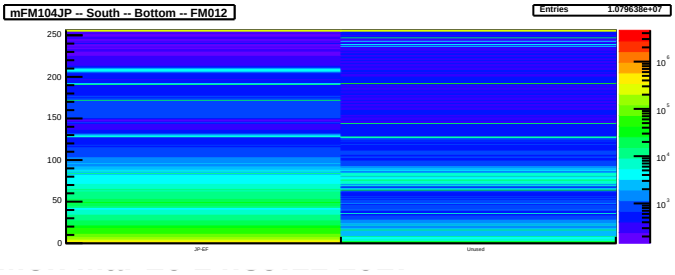

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2165021

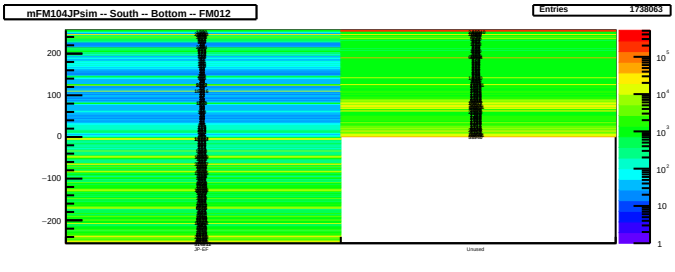

mFM104BS -- North -- Bottom -- FM012
Entries 2.159276e+07

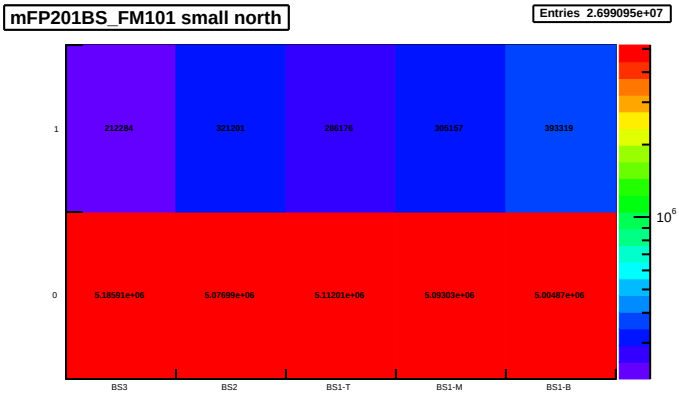

mFM104BSsim -- North -- Bottom -- FM012
Entries 3287582

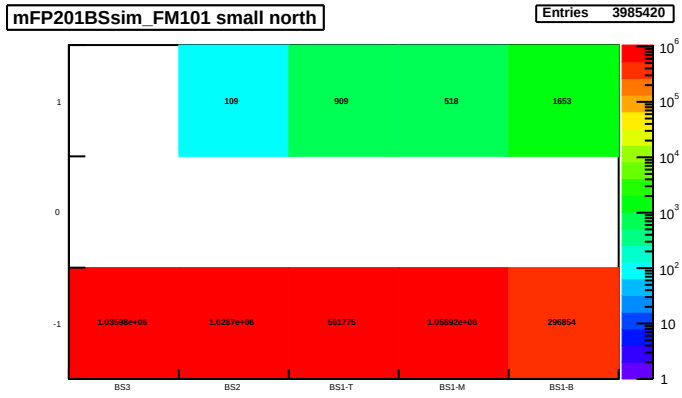

mFM104J -- South -- Bottom -- FM012
Entries 5398190
Unused

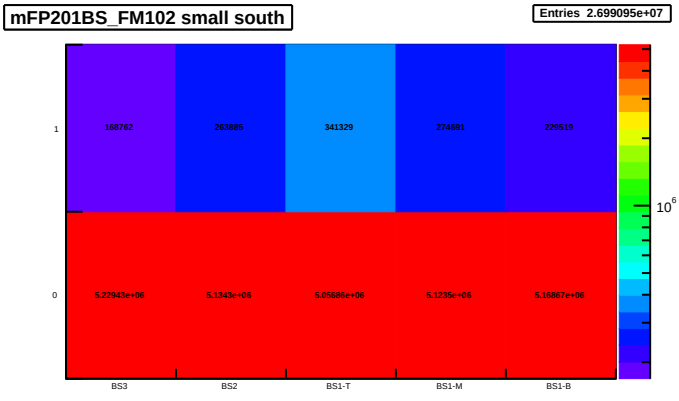

mFM104Jsim -- South -- Bottom -- FM012
Entries 899011
Unused

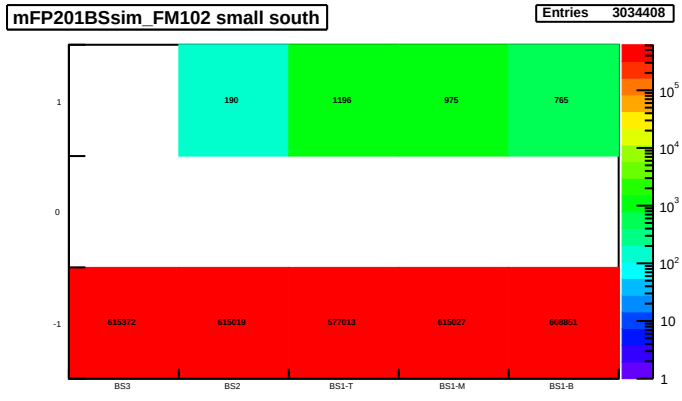

mFM104JP -- South -- Bottom -- FM012
Entries 1.079638e+07

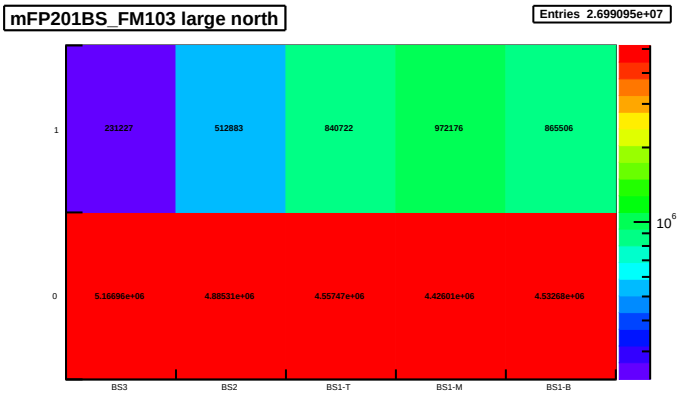

mFM104JPsim -- South -- Bottom -- FM012
Entries 1738063

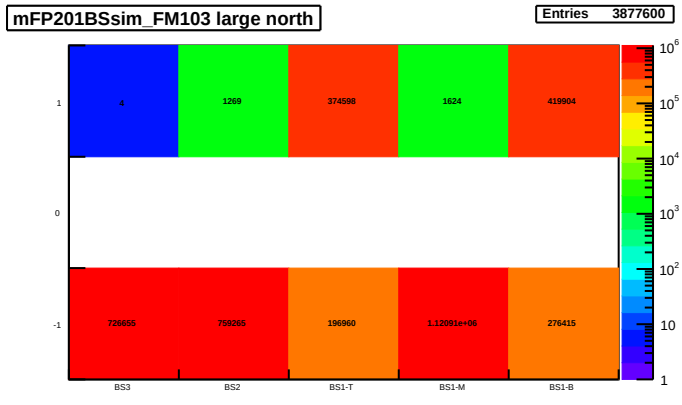

mFP201BS_FM101 small north
Entries 2.699095e+07
212284
321201
286176
305157
393319
5.18591e+06
5.07699e+06
5.11201e+06
5.09303e+06
5.00487e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

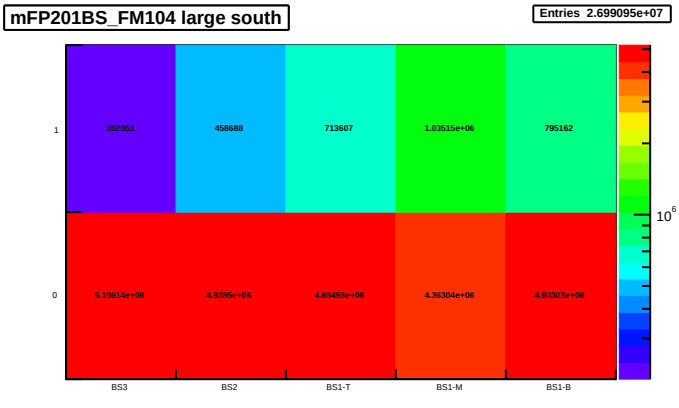

mFP201BSsim_FM101 small north
Entries 3985420
109
909
518
1653
1.03598e+06
1.0287e+06
561775
1.05892e+06
296854
BS3
BS2
BS1-T
BS1-M
BS1-B

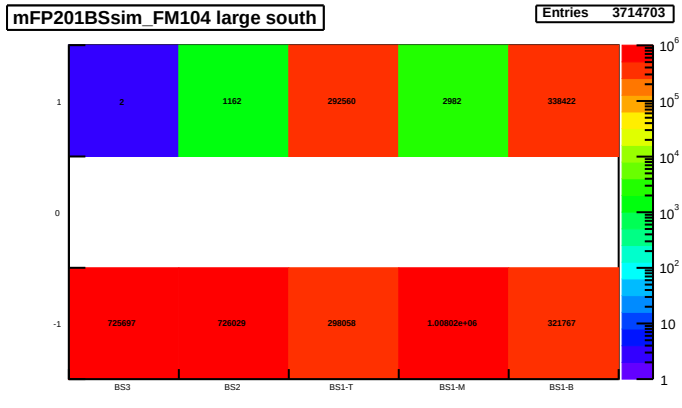

mFP201BS_FM102 small south
Entries 2.699095e+07
168762
283885
341329
274691
229519
5.22943e+06
5.1343e+06
5.05686e+06
5.1235e+06
5.16867e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

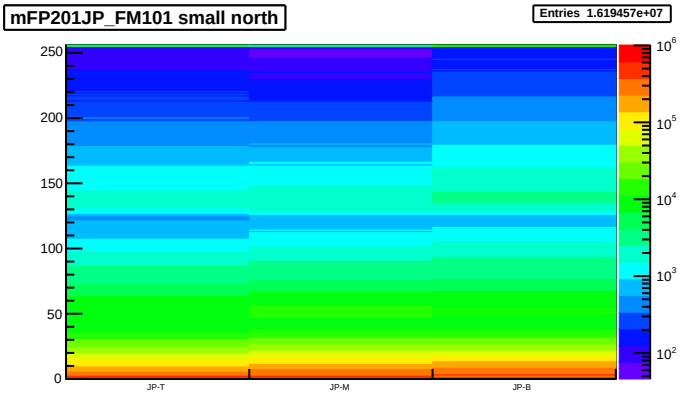

mFP201BSsim_FM102 small south
Entries 3034408
190
1196
975
765
615372
615019
577013
615027
608851
BS3
BS2
BS1-T
BS1-M
BS1-B

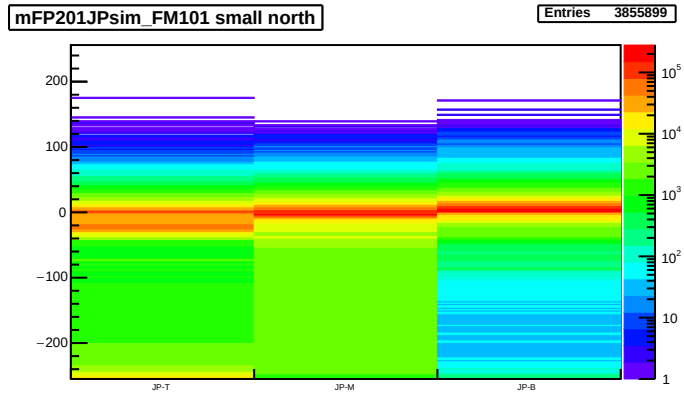

mFP201BS_FM103 large north
Entries 2.699095e+07
231227
512883
840722
972176
865506
5.16696e+06
4.88531e+06
4.55747e+06
4.42601e+06
4.53268e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

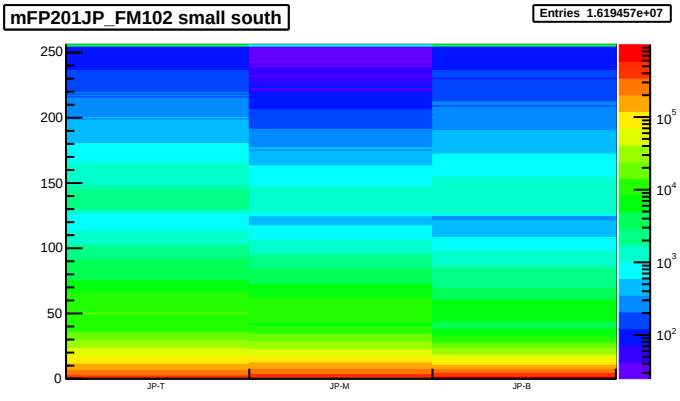

mFP201BSsim_FM103 large north
Entries 3877600
4
1269
374598
1624
419904
726655
759265
196960
1.12091e+06
276415
BS3
BS2
BS1-T
BS1-M
BS1-B

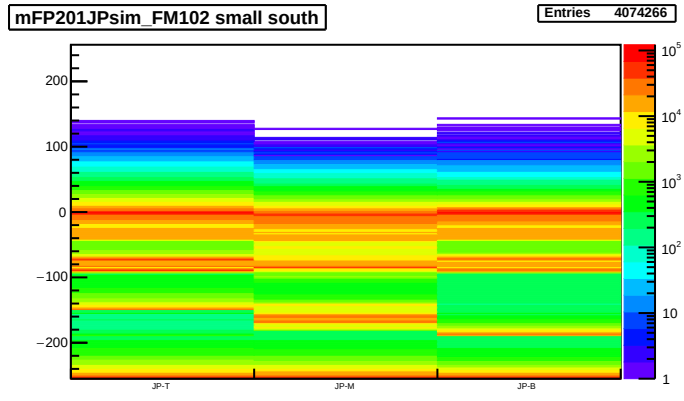

mFP201BS_FM104 large south
Entries 2.699095e+07
202051
458688
713607
1.03515e+06
795162
5.19614e+06
4.9395e+06
4.68458e+06
4.36304e+06
4.60303e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

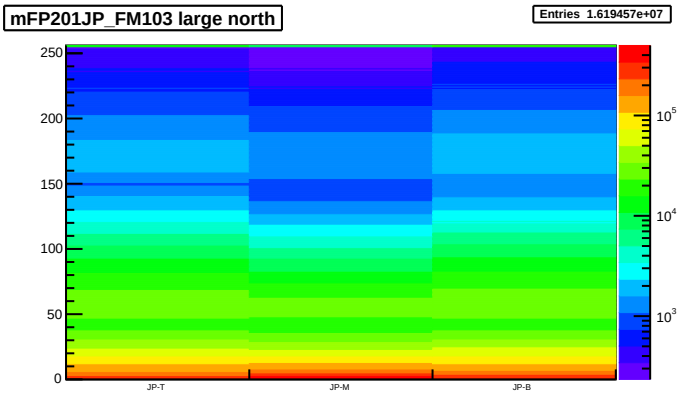

mFP201BSsim_FM104 large south
Entries 3714703
2
1162
292560
2982
338422
725697
726029
298058
1.00802e+06
321767
BS3
BS2
BS1-T
BS1-M
BS1-B

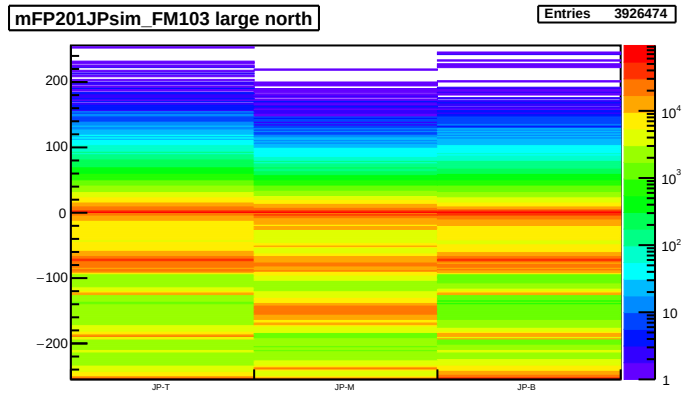

mFP201JP_FM101 small north
Entries 1.619457e+07
JP-T
JP-M
JP-B

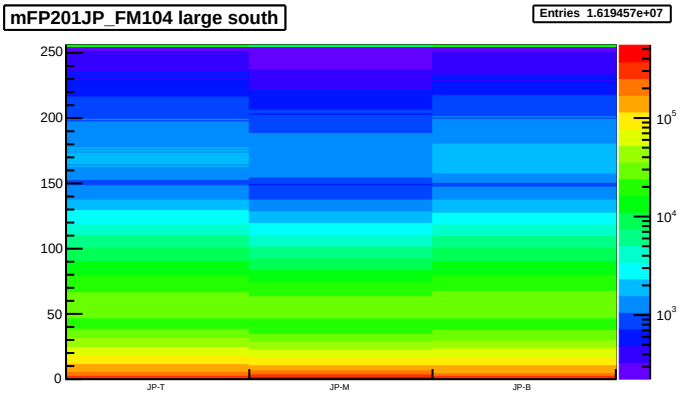

mFP201JPsim_FM101 small north
Entries 3855899
JP-T
JP-M
JP-B

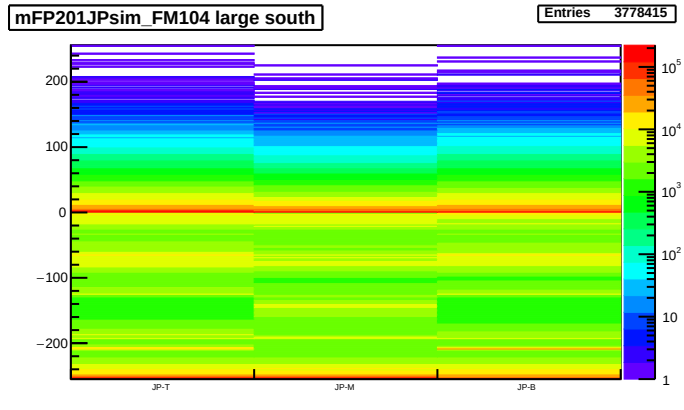

mFP201JP_FM102 small south
Entries 1.619457e+07
JP-T
JP-M
JP-B

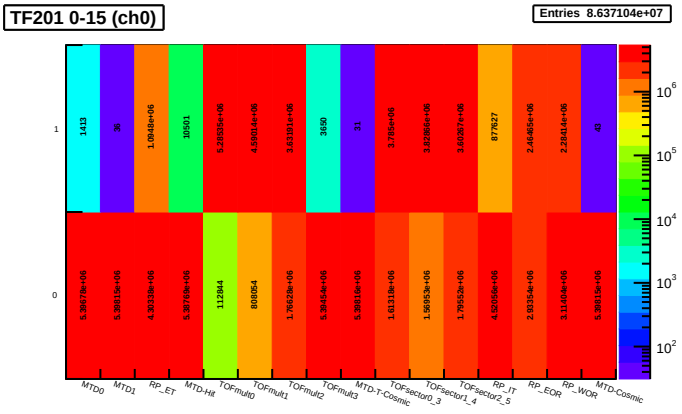

mFP201JPsim_FM102 small south
Entries 4074266
JP-T
JP-M
JP-B

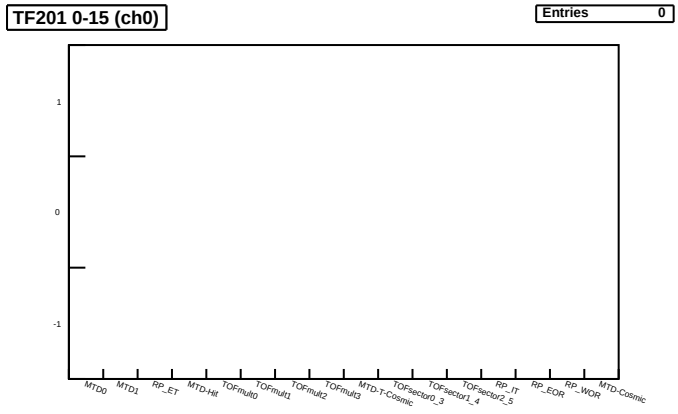

mFP201JP_FM103 large north
Entries 1.619457e+07
JP-T
JP-M
JP-B

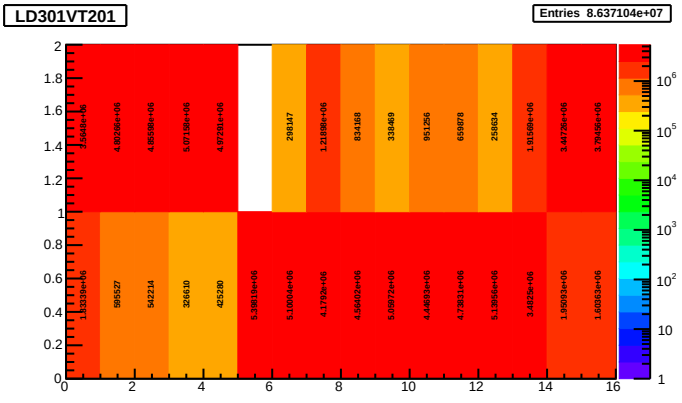

mFP201JPsim_FM103 large north
Entries 3926474
JP-T
JP-M
JP-B

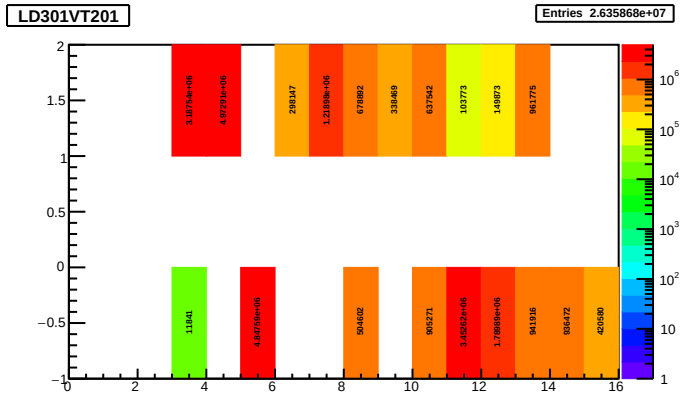

mFP201JP_FM104 large south
Entries 1.619457e+07
JP-T
JP-M
JP-B

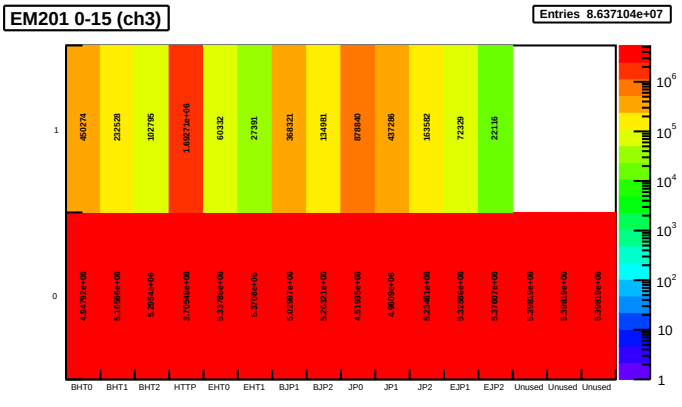

mFP201JPsim_FM104 large south
Entries 3778415
JP-T
JP-M
JP-B

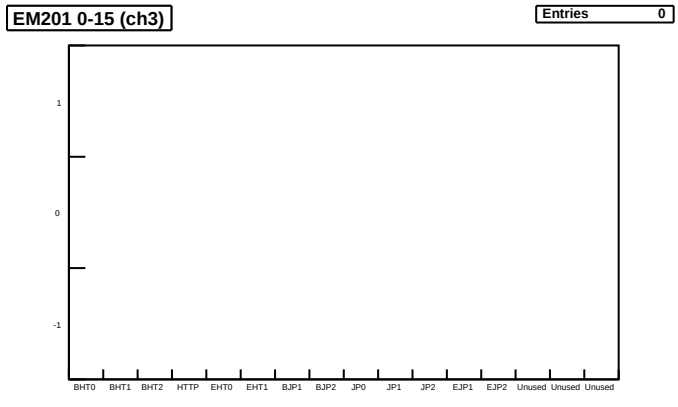

TF201 0-15 (ch0)
Entries 8.637104e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector2_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

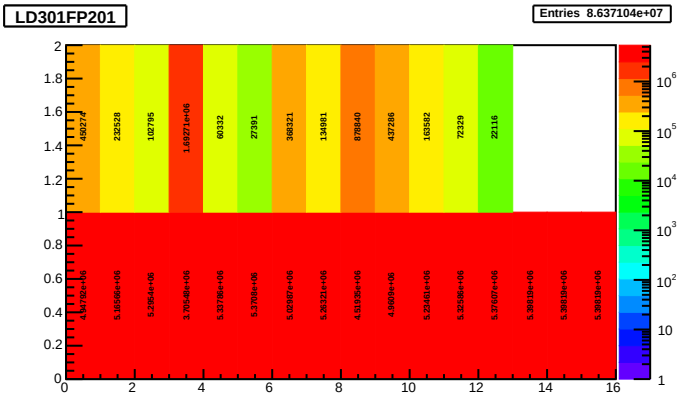

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

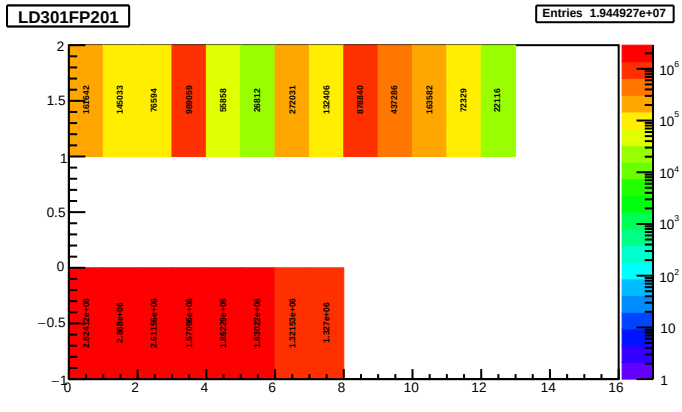

LD301VT201
Entries 8.637104e+07


LD301VT201
Entries 2.635868e+07


EM201 0-15 (ch3)
Entries 8.637104e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 8.637104e+07


LD301FP201
Entries 1.944927e+07