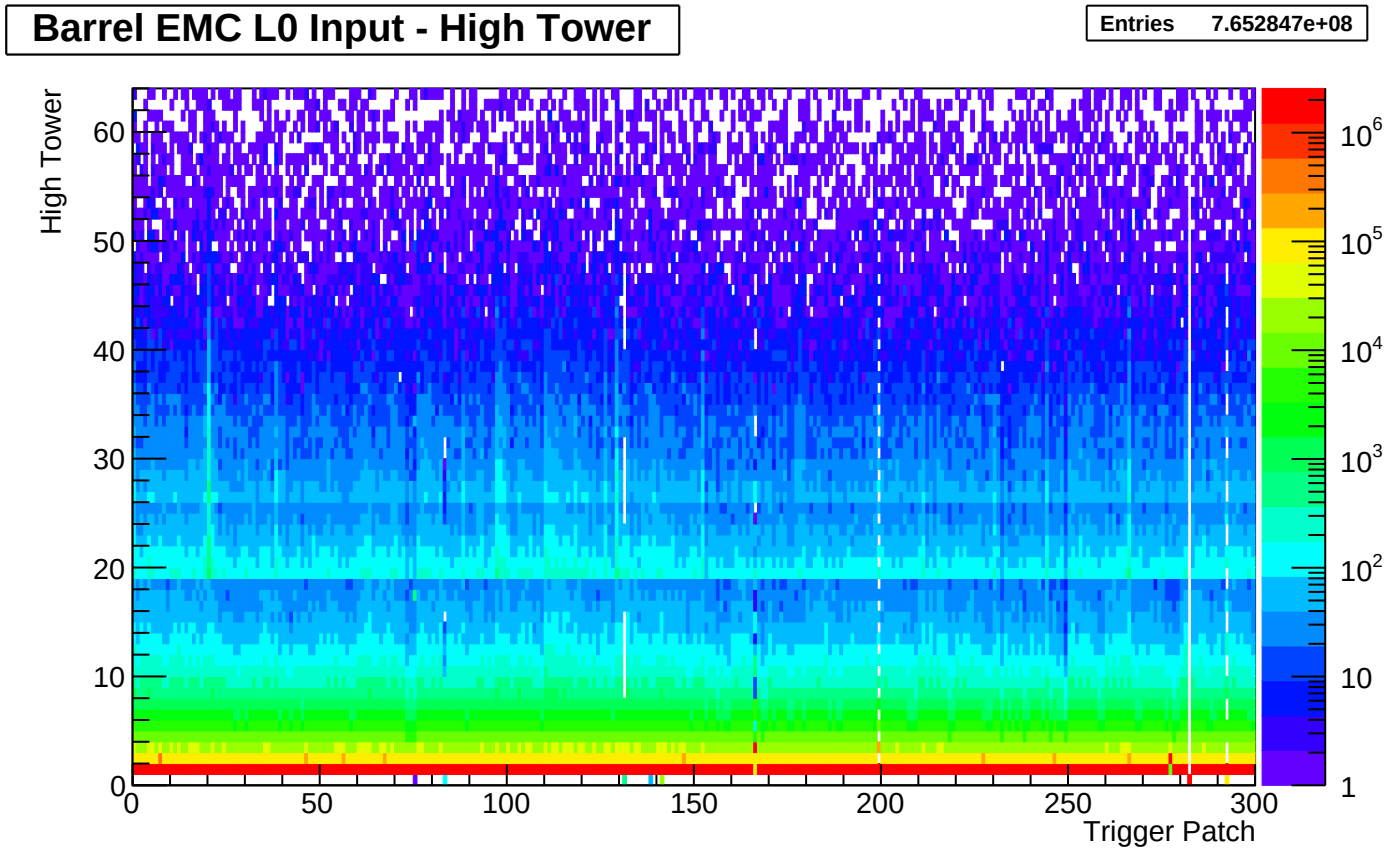
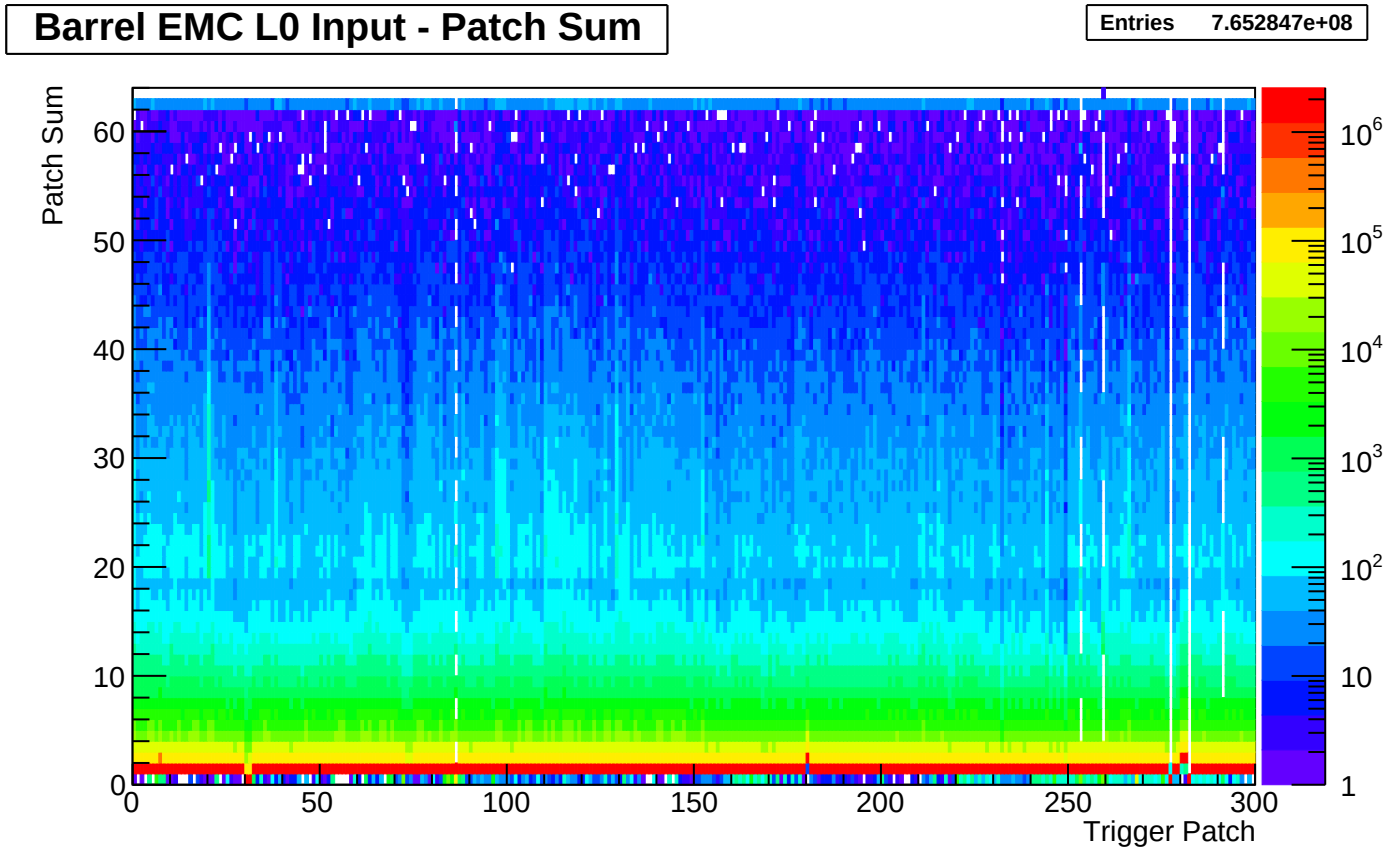
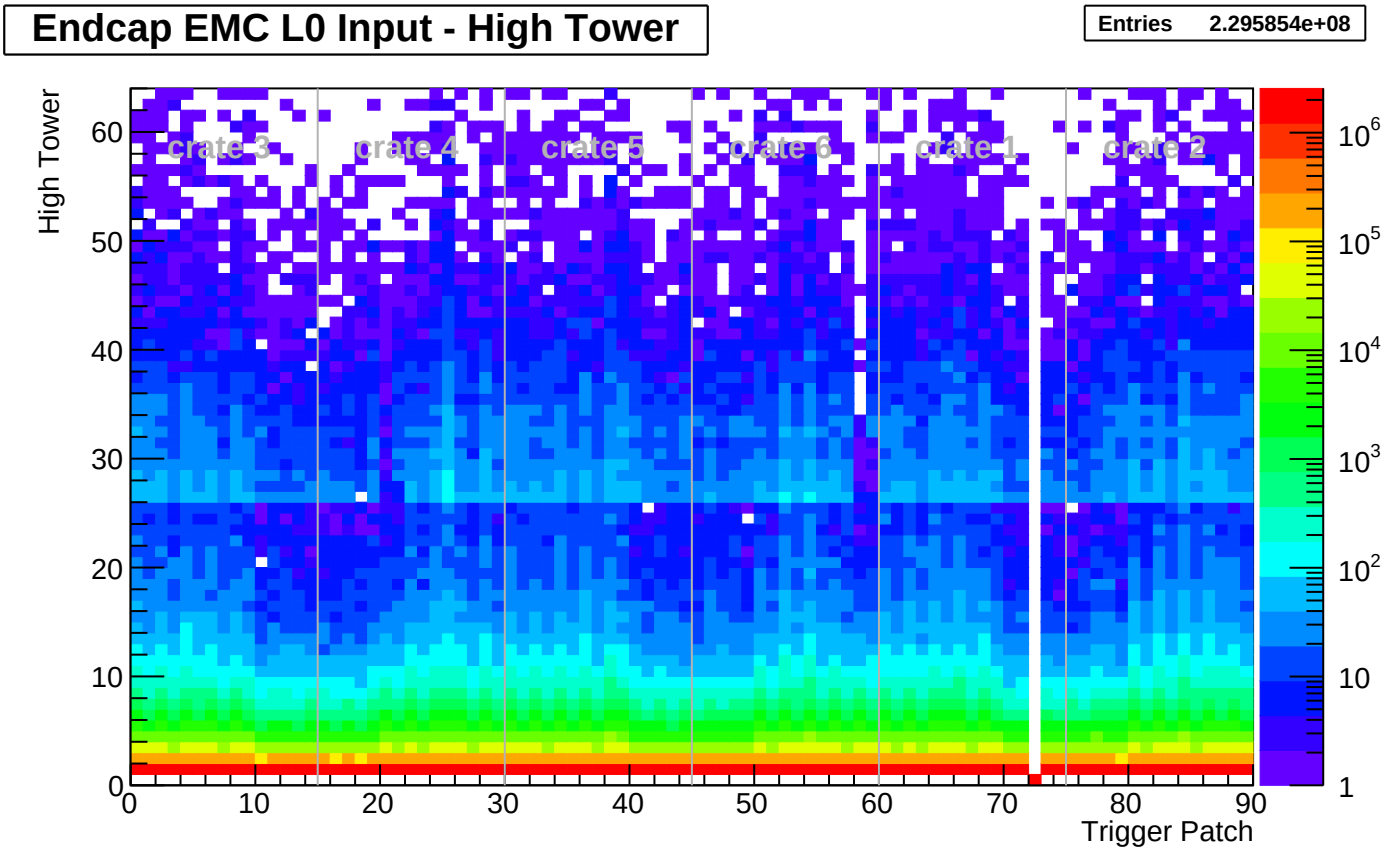
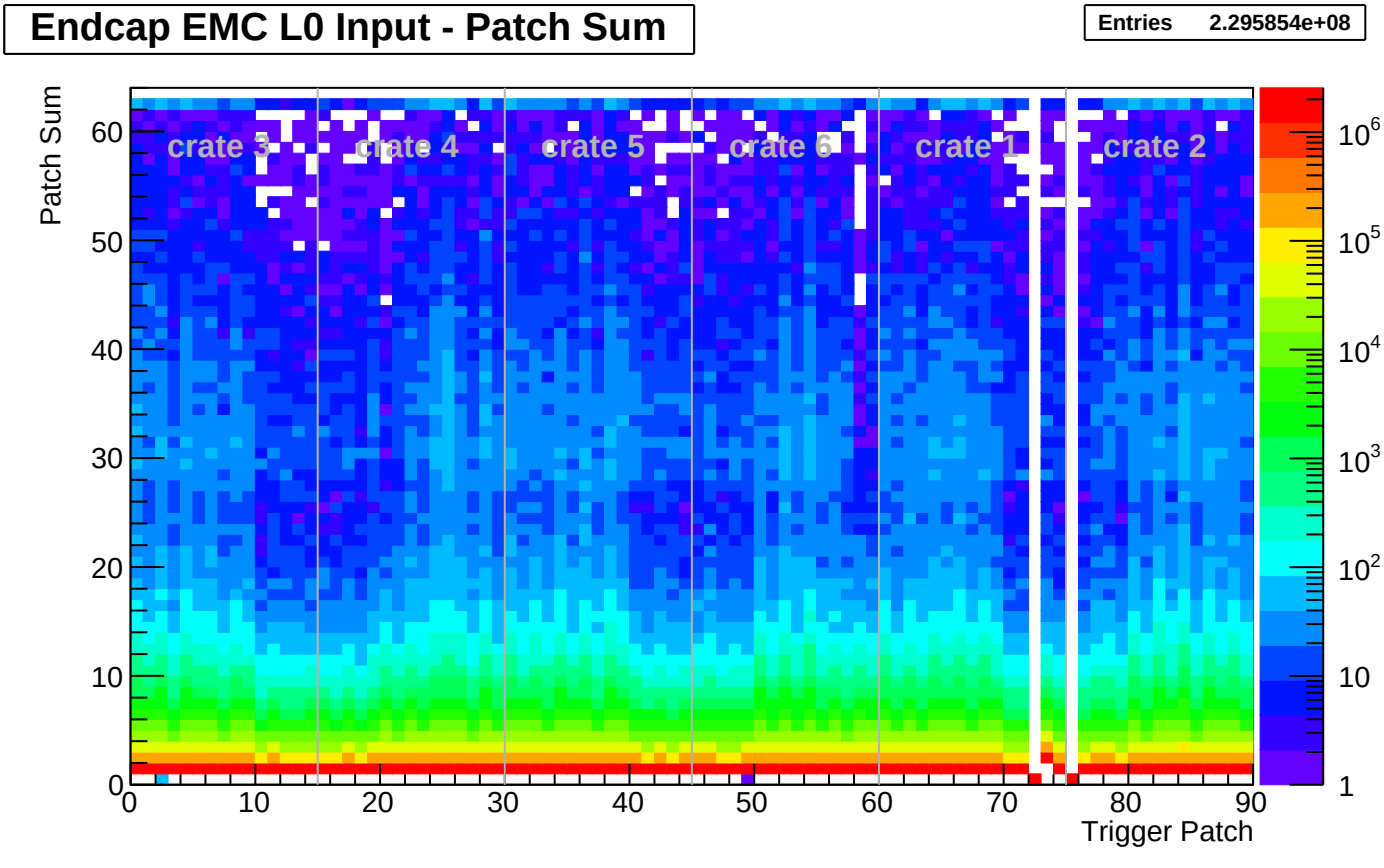
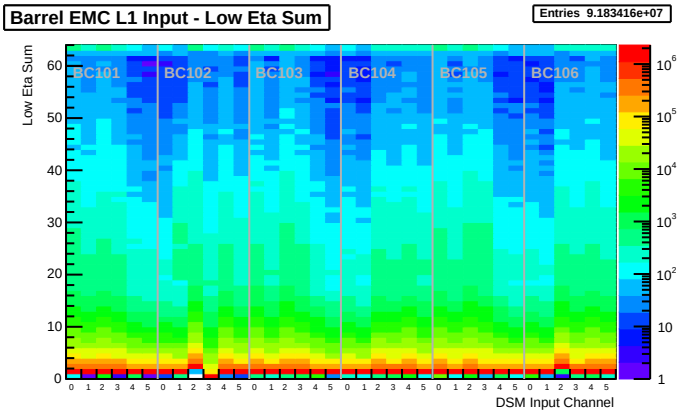
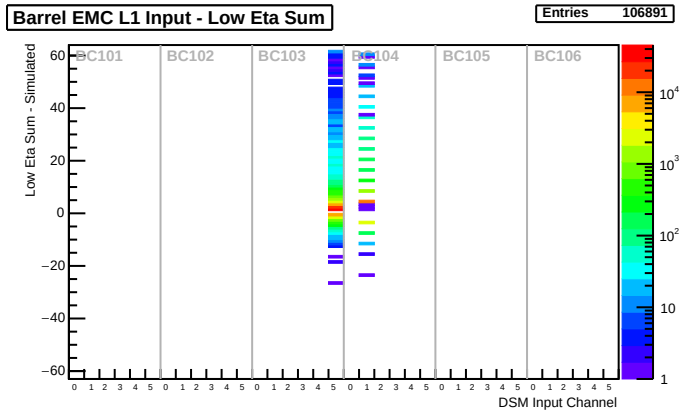

Barrel EMC L0 Input - High Tower
Entries 7.652847e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

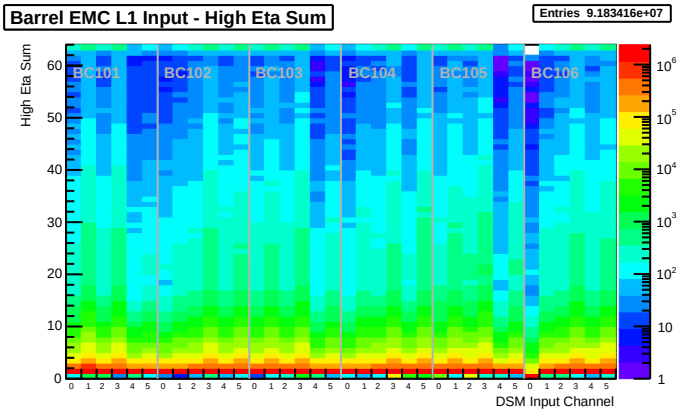

Barrel EMC L0 Input - Patch Sum
Entries 7.652847e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

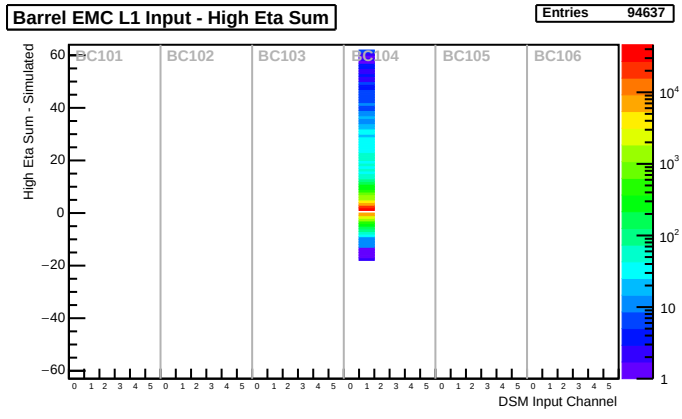

Endcap EMC L0 Input - High Tower
Entries 2.295854e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

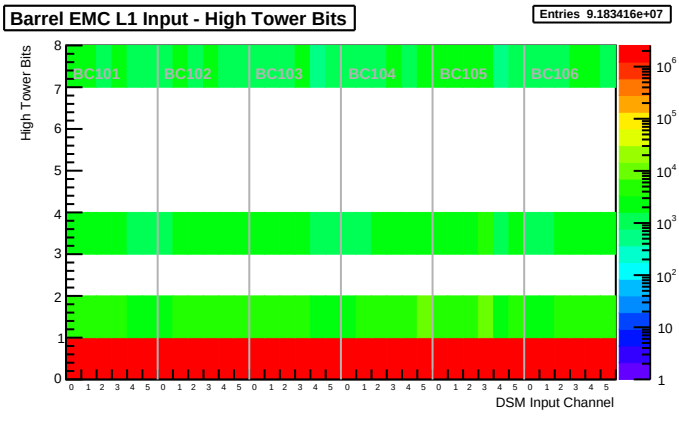

Endcap EMC L0 Input - Patch Sum
Entries 2.295854e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

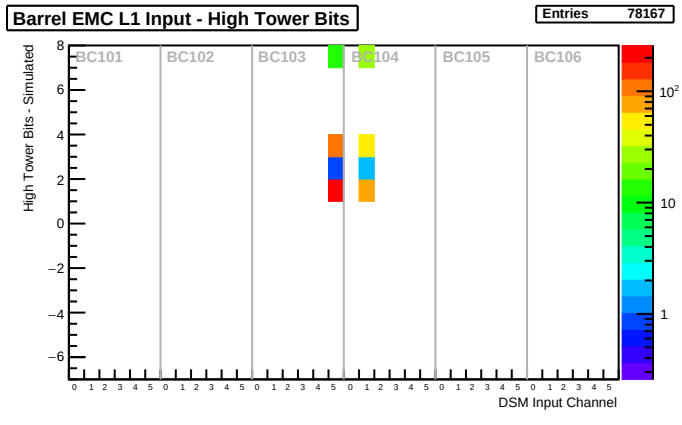

Barrel EMC L1 Input - Low Eta Sum
Entries 9.183416e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

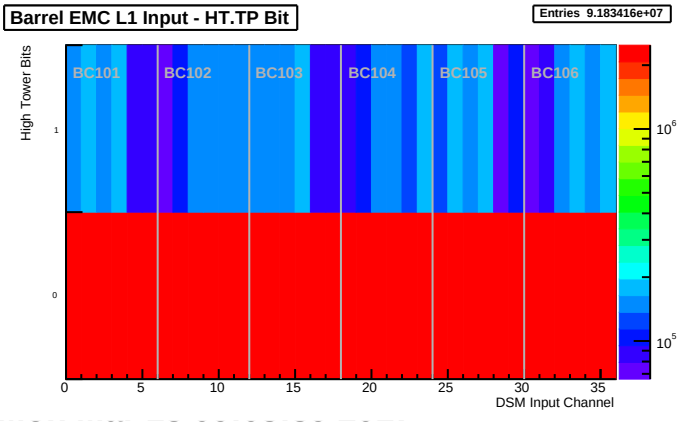

Barrel EMC L1 Input - Low Eta Sum
Entries 106891
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

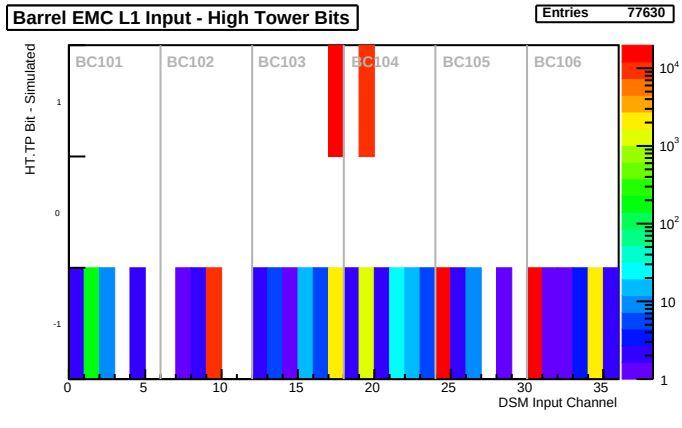

Barrel EMC L1 Input - High Eta Sum
Entries 9.183416e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

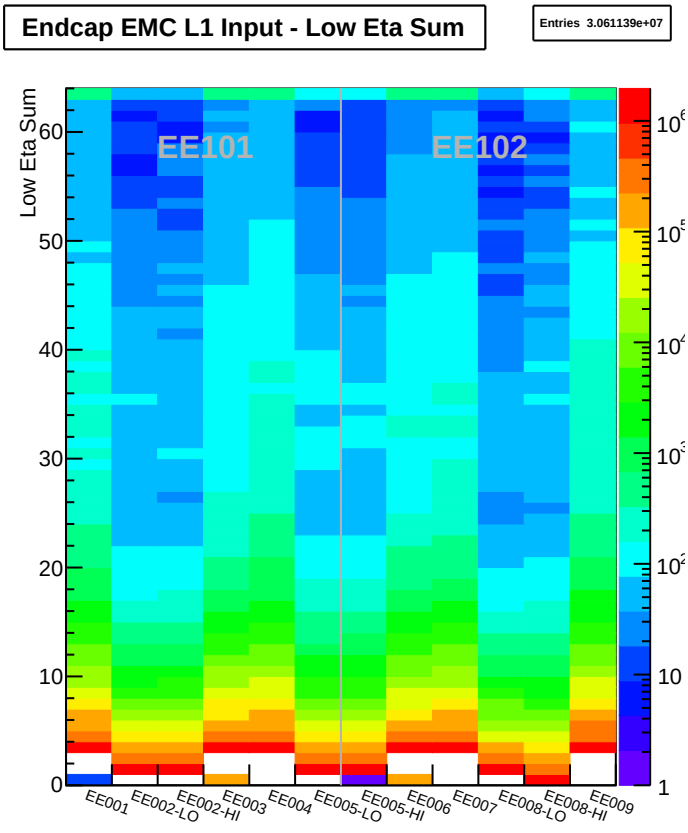

Barrel EMC L1 Input - High Eta Sum
Entries 94637
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

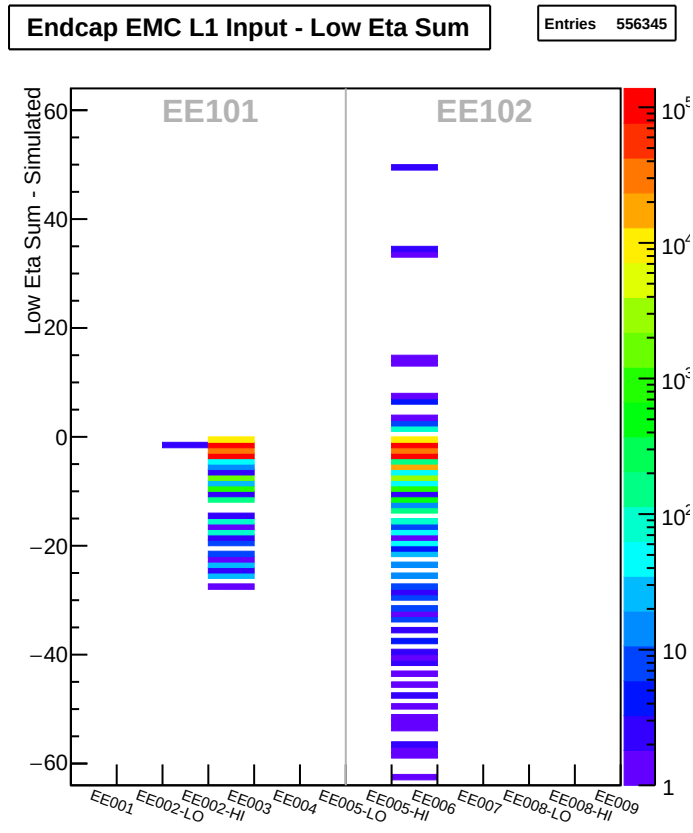

Barrel EMC L1 Input - High Tower Bits
Entries 9.183416e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

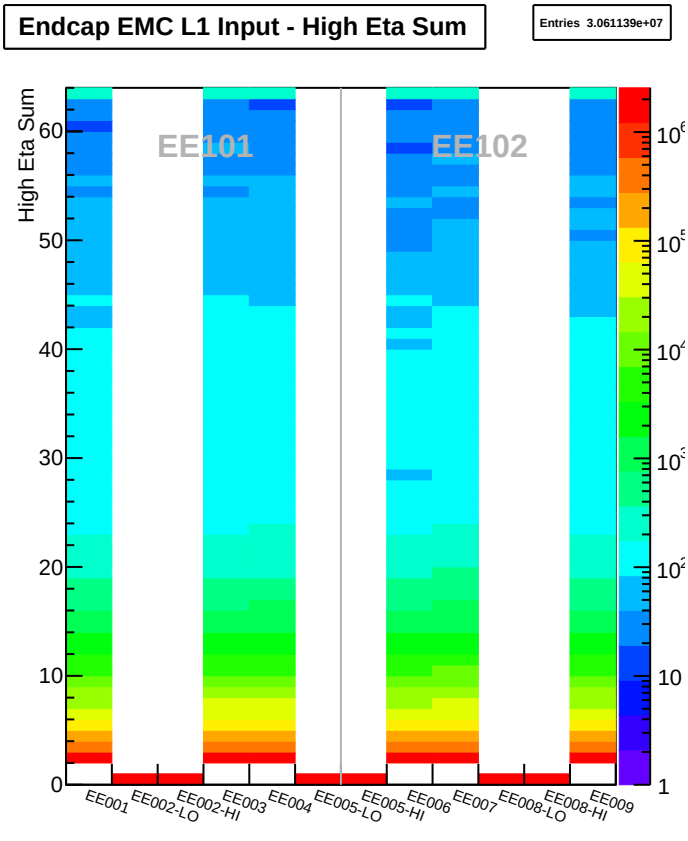

Barrel EMC L1 Input - High Tower Bits
Entries 78167
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

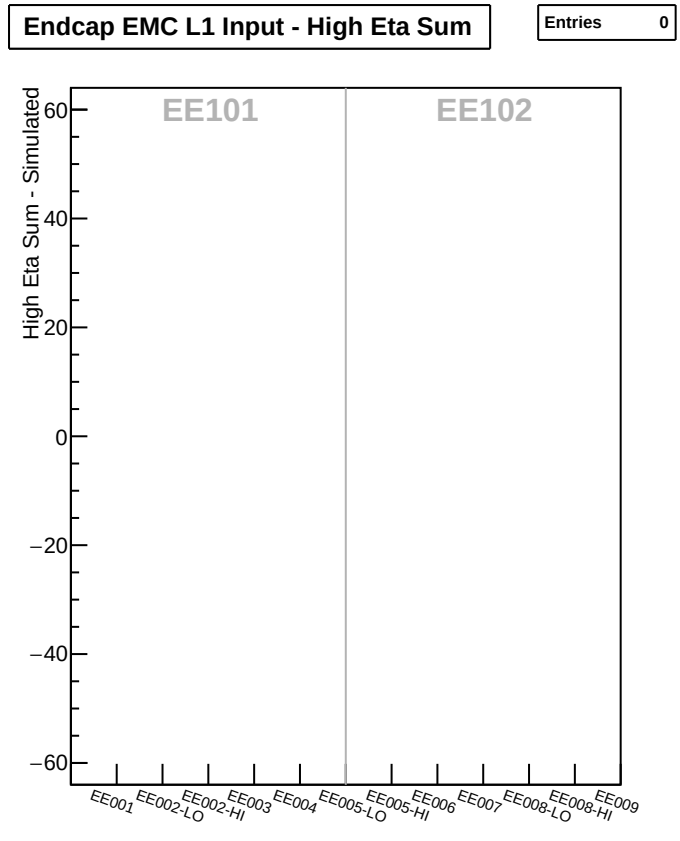

Barrel EMC L1 Input - HT.TP Bit
Entries 9.183416e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

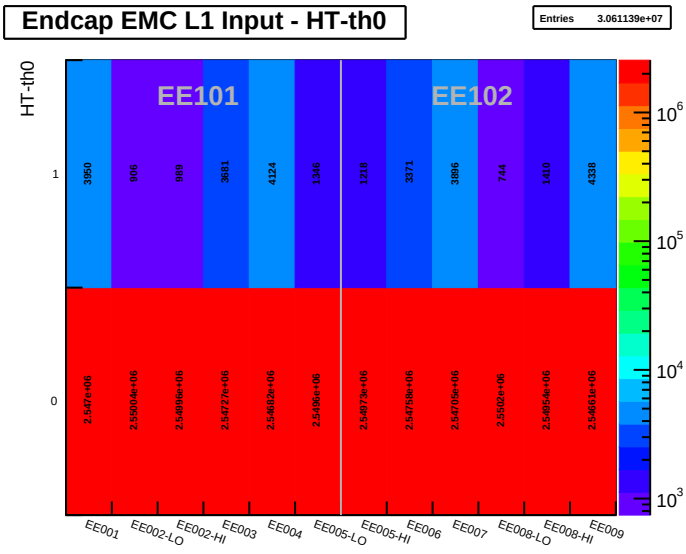

Barrel EMC L1 Input - High Tower Bits
Entries 77630
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

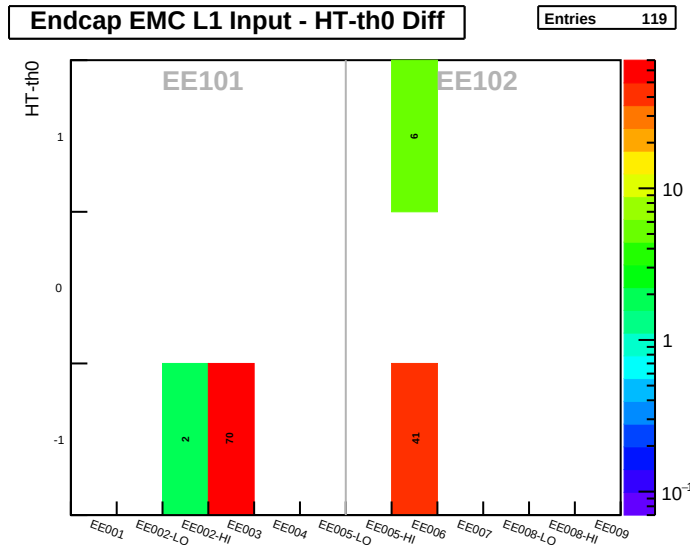

Endcap EMC L1 Input - Low Eta Sum
Entries 3.061139e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

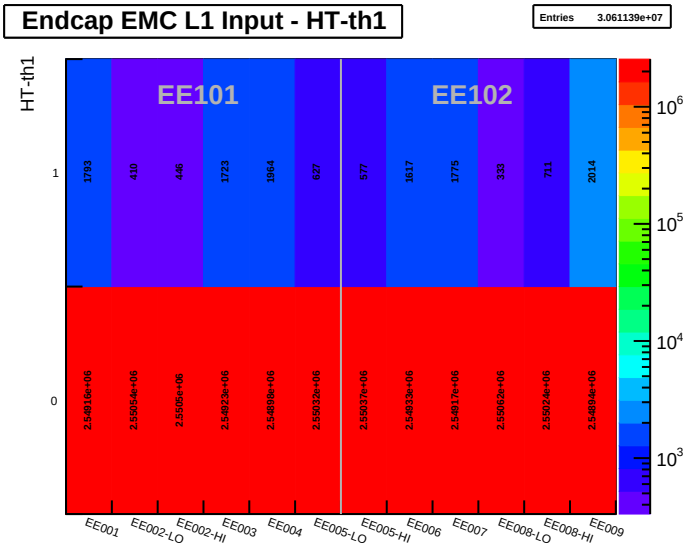

Endcap EMC L1 Input - Low Eta Sum
Entries 556345
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

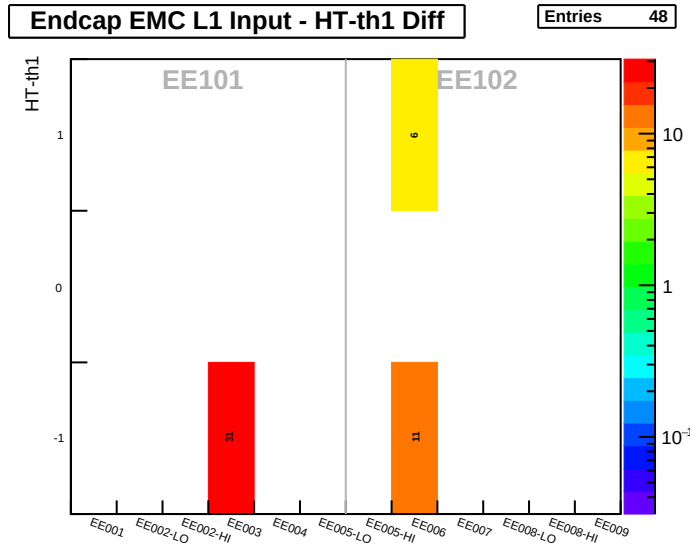

Endcap EMC L1 Input - High Eta Sum
Entries 3.061139e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

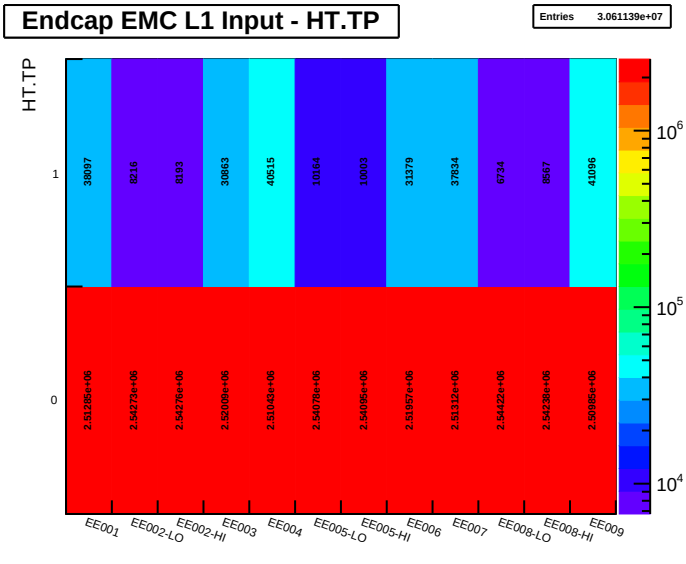

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

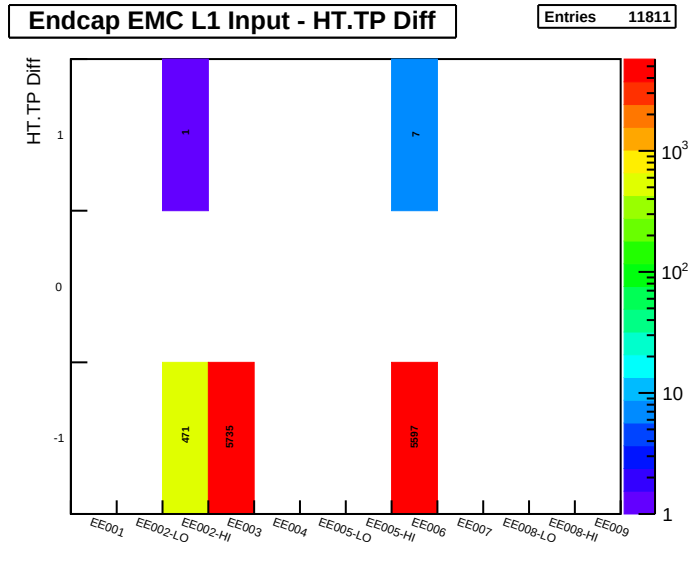

Endcap EMC L1 Input - HT-th0
Entries 3.061139e+07
HT-th0
EE101
EE102
1
0
3950 906 989 3681 4124 1246 1218 3371 3896 744 1410 4338
2.547e+06 2.55004e+06 2.54996e+06 2.54727e+06 2.54682e+06 2.5496e+06 2.54873e+06 2.54758e+06 2.54705e+06 2.5502e+06 2.54534e+06 2.54661e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

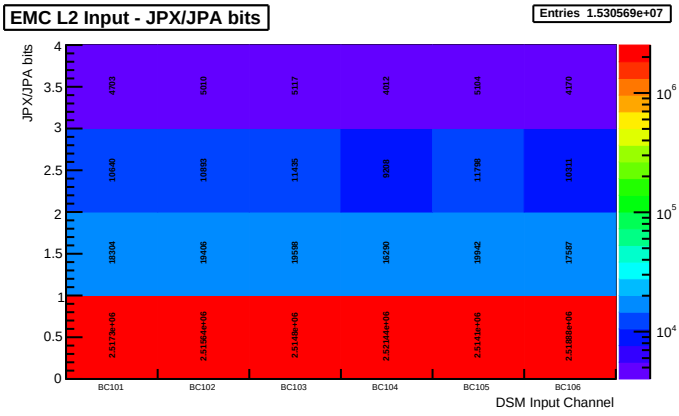

Endcap EMC L1 Input - HT-th0 Diff
Entries 119
HT-th0
EE101
EE102
1
0
-1
6
2 70 41
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10 1 10^{-1}

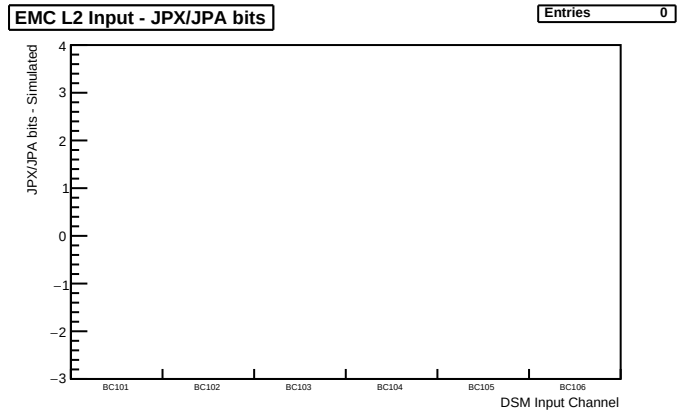

Endcap EMC L1 Input - HT-th1
Entries 3.061139e+07
HT-th1
EE101
EE102
1
0
1793 410 446 1723 1964 627 577 1617 1775 333 711 2014
2.54916e+06 2.50954e+06 2.5505e+06 2.54923e+06 2.54898e+06 2.50932e+06 2.50937e+06 2.54933e+06 2.54917e+06 2.50962e+06 2.50924e+06 2.54894e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4 10^3

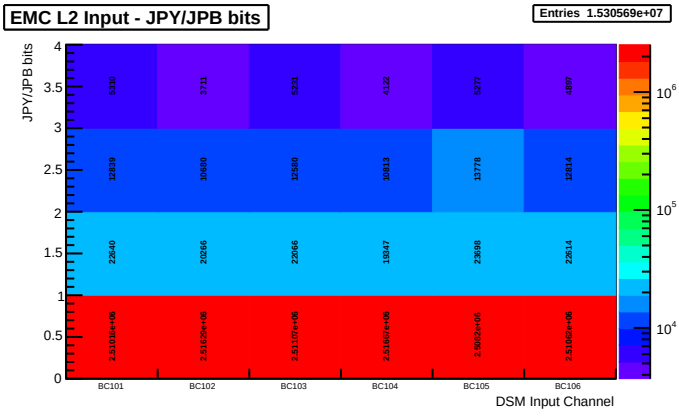

Endcap EMC L1 Input - HT-th1 Diff
Entries 48
HT-th1
EE101
EE102
1
0
-1
6
31 11
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10 1 10^{-1}

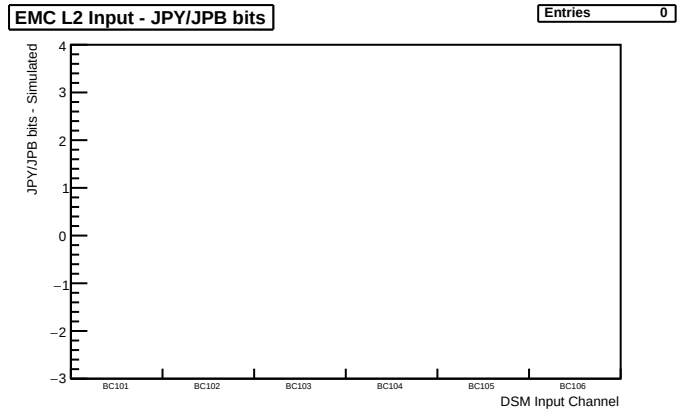

Endcap EMC L1 Input - HT.TP
Entries 3.061139e+07
HT.TP
1
0
38097 8216 8193 30863 40515 10164 10003 31379 37834 6734 8567 41096
2.51285e+06 2.54273e+06 2.54276e+06 2.52009e+06 2.51043e+06 2.54078e+06 2.54095e+06 2.51957e+06 2.51312e+06 2.54422e+06 2.54238e+06 2.50985e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6 10^5 10^4

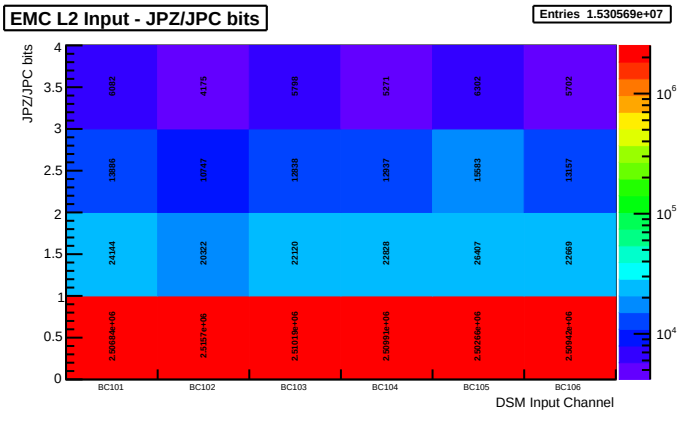

Endcap EMC L1 Input - HT.TP Diff
Entries 11811
HT.TP Diff
1
0
-1
1 7
471 5735 5597
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3 10^2 10 1

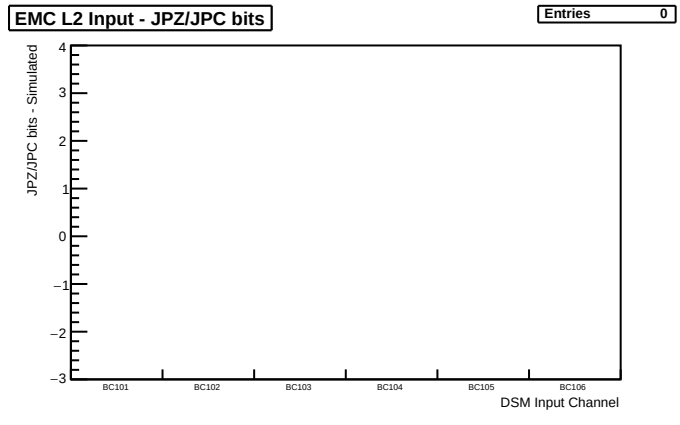

EMC L2 Input - JPX/JPA bits
Entries 1.530569e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

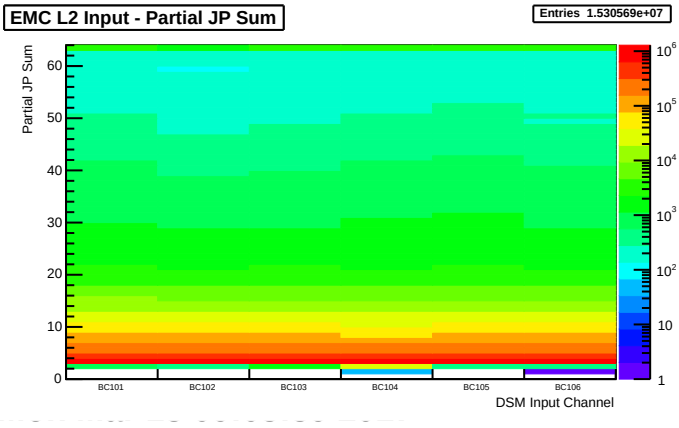

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

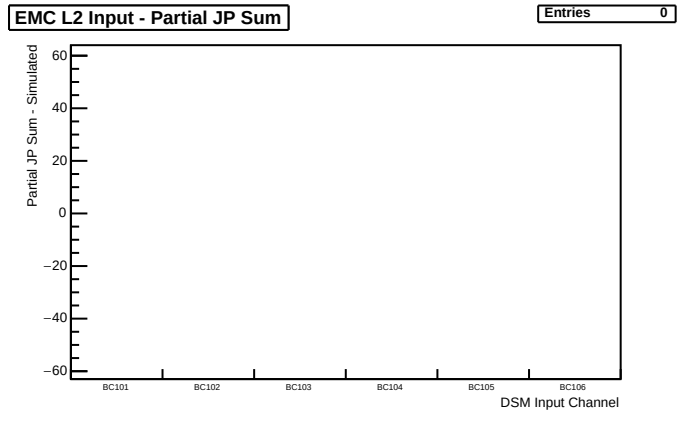

EMC L2 Input - JPY/JPB bits
Entries 1.530569e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

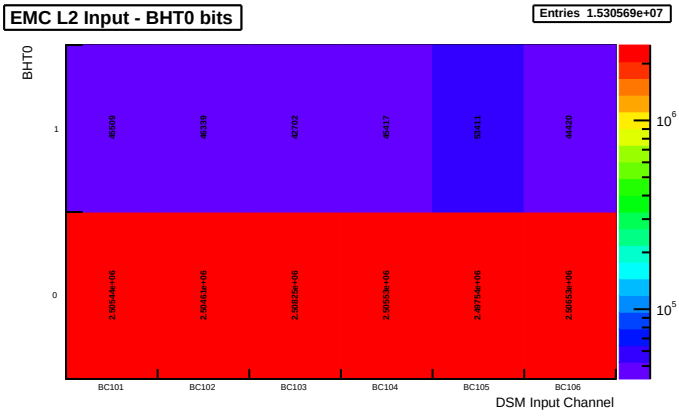

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

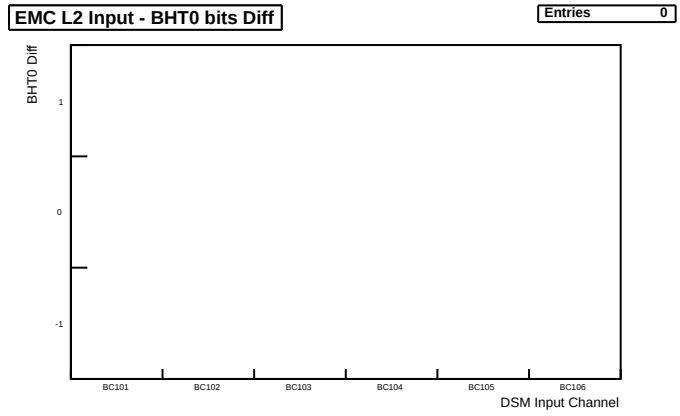

EMC L2 Input - JPZ/JPC bits
Entries 1.530569e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

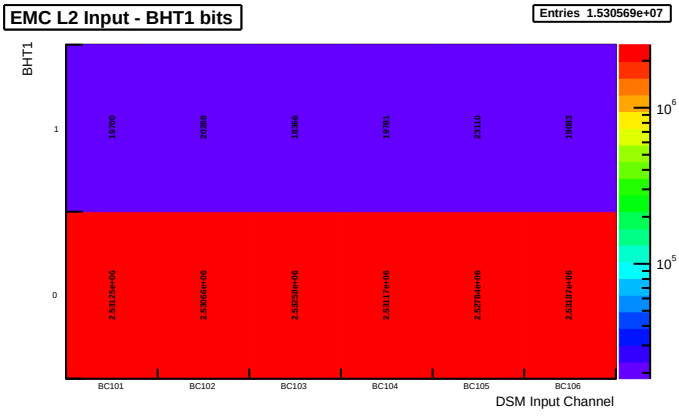

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

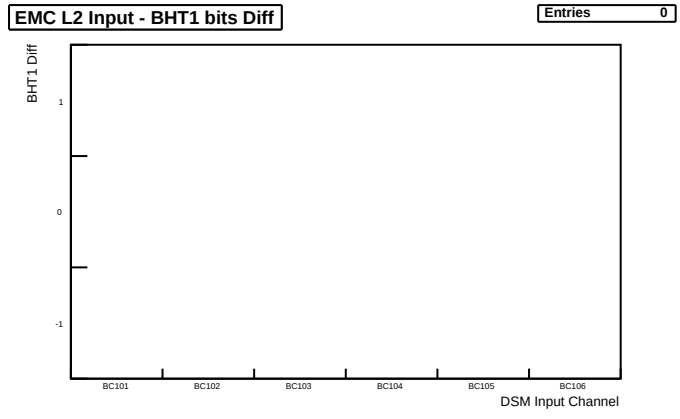

EMC L2 Input - Partial JP Sum
Entries 1.530569e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

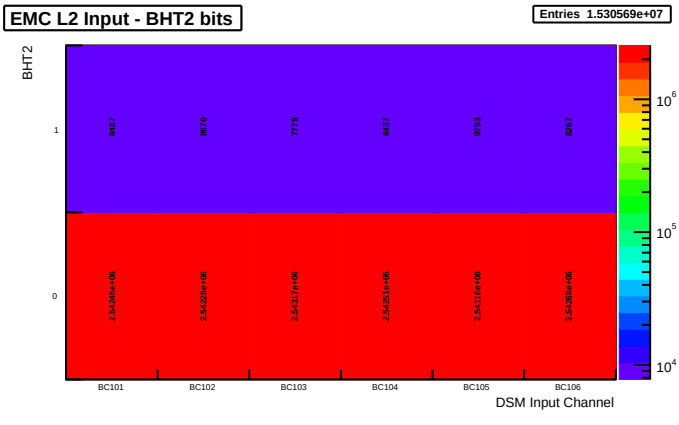

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

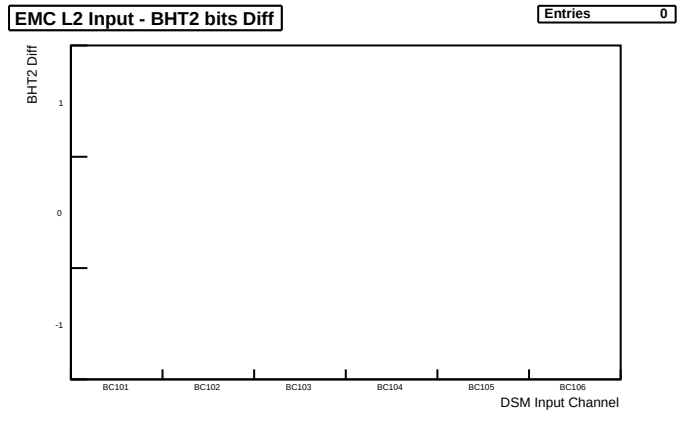

EMC L2 Input - BHT0 bits
Entries 1.530569e+07
BHT0
1
0
45509
46339
42702
45417
53411
44420
2.50544e+06
2.50449e+06
2.50825e+06
2.50553e+06
2.49754e+06
2.50653e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

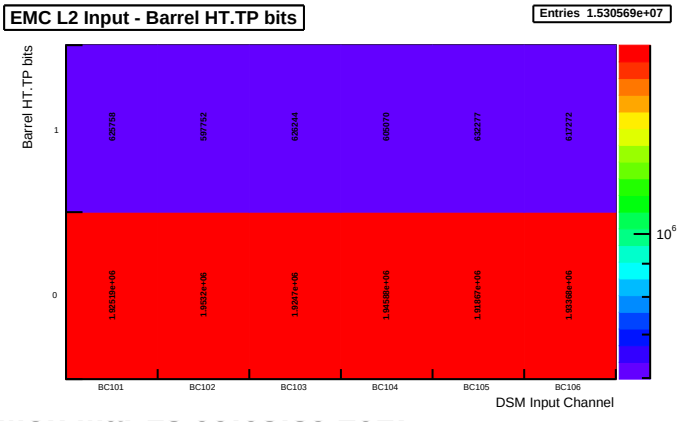

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

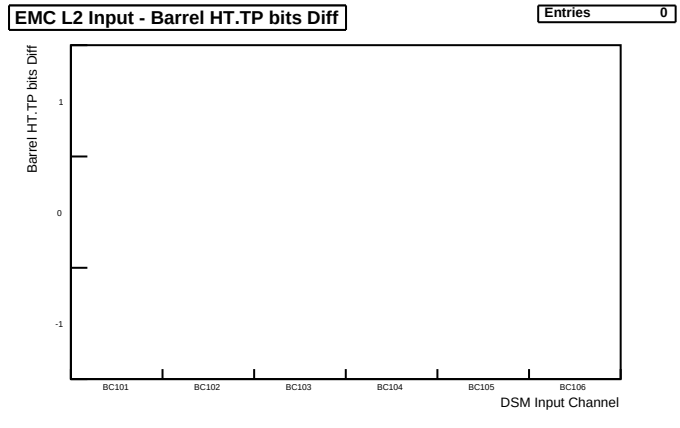

EMC L2 Input - BHT1 bits
Entries 1.530569e+07
BHT1
1
0
19700
20288
19386
19781
23110
19983
2.53125e+06
2.53066e+06
2.53259e+06
2.53117e+06
2.52784e+06
2.53107e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

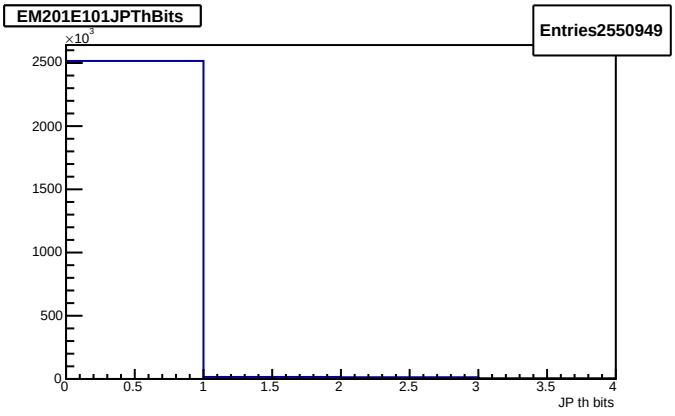

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

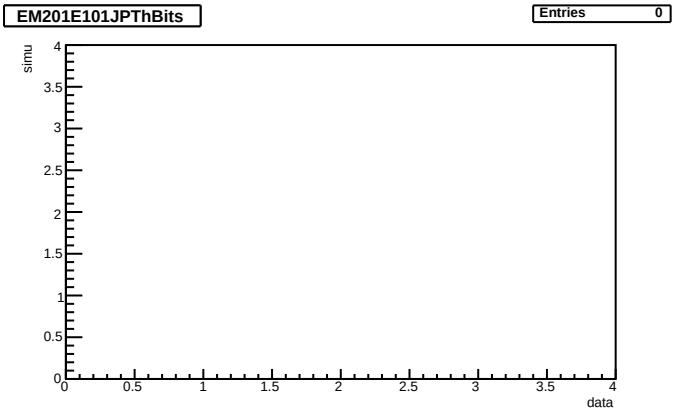

EMC L2 Input - BHT2 bits
Entries 1.530569e+07
BHT2
1
0
8487
8870
7779
8437
9793
8267
2.54266e+06
2.54228e+06
2.54317e+06
2.54251e+06
2.54116e+06
2.54268e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

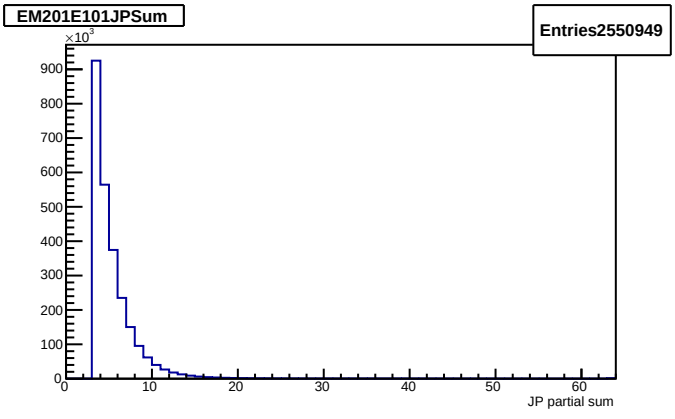

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

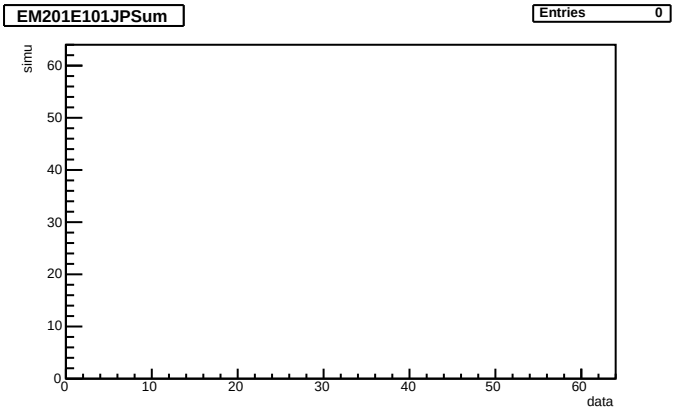

EMC L2 Input - Barrel HT.TP bits
Entries 1.530569e+07
Barrel HT.TP bits
1
0
625753
597752
636244
605070
632277
617272
1.92519e+06
1.93329e+06
1.92479e+06
1.94588e+06
1.91867e+06
1.93369e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

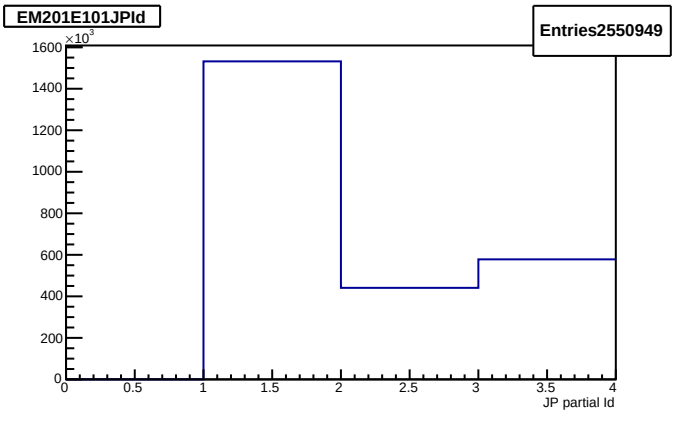

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

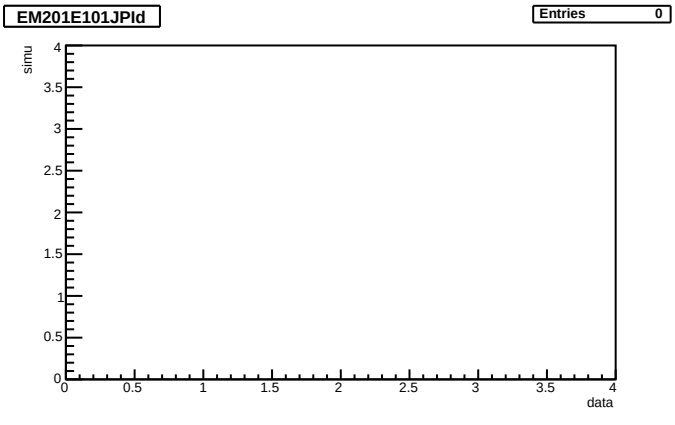

EM201E101JPThBits
Entries2550949
×10^3
JP th bits

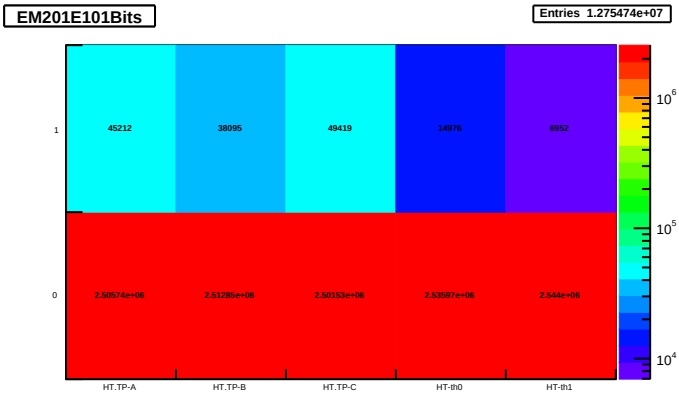

EM201E101JPThBits
Entries 0
simu
data

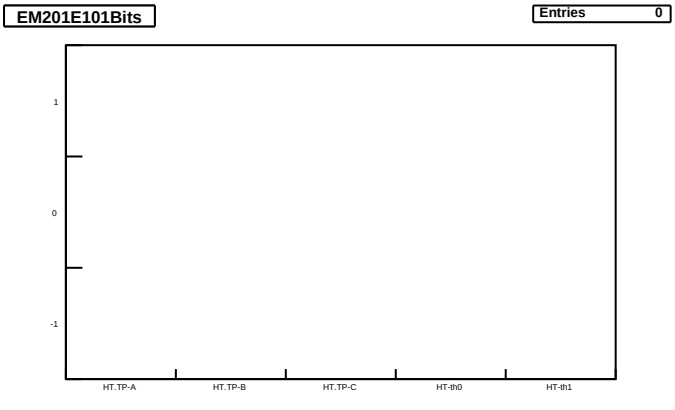

EM201E101JPSum
Entries2550949
×10^3
JP partial sum

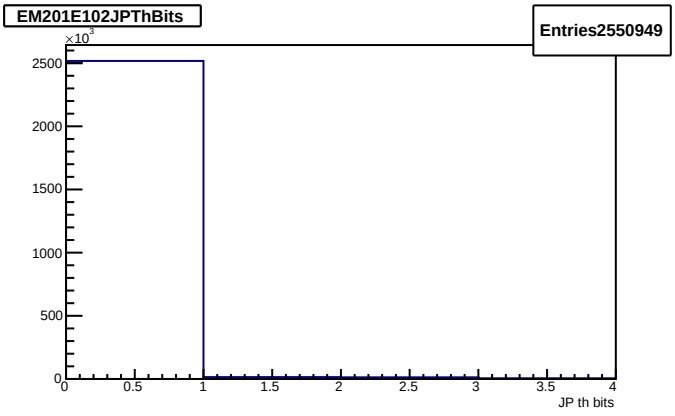

EM201E101JPSum
Entries 0
simu
data

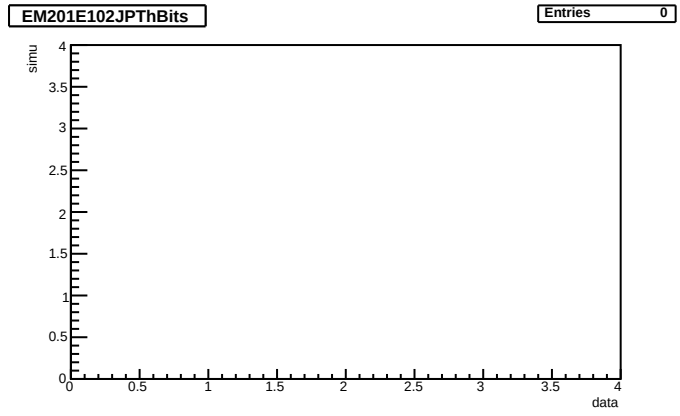

EM201E101JPId
Entries2550949
×10^3
JP partial Id

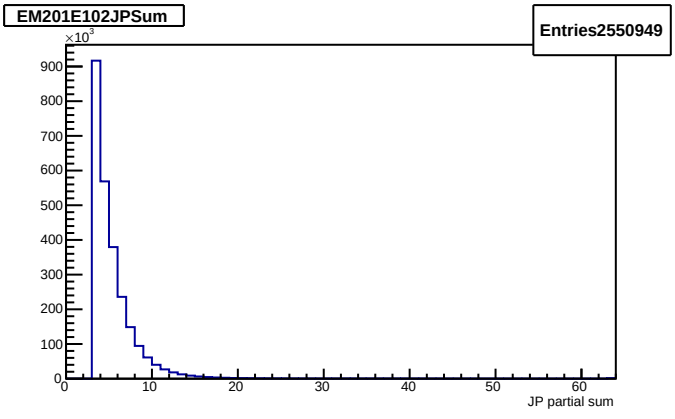

EM201E101JPId
Entries 0
simu
data

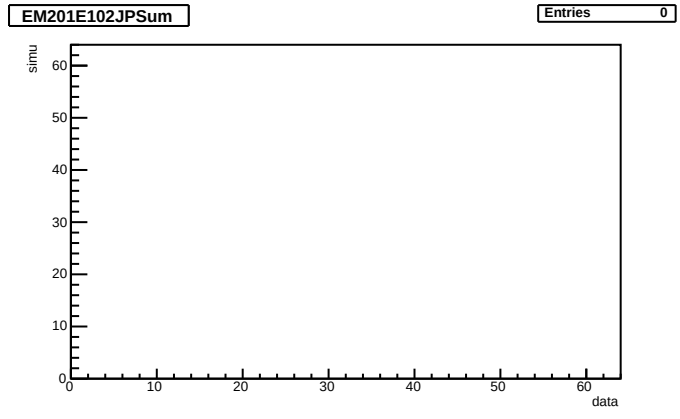

EM201E101Bits
Entries 1.275474e+07
45212
38095
49419
14976
6952
2.50574e+06
2.51285e+06
2.50153e+06
2.53597e+06
2.544e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

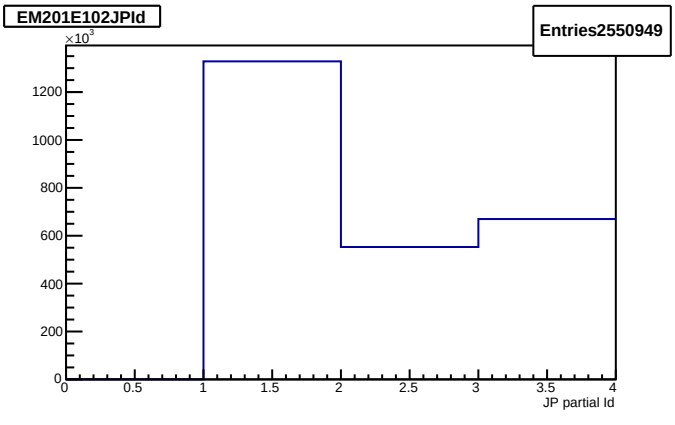

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

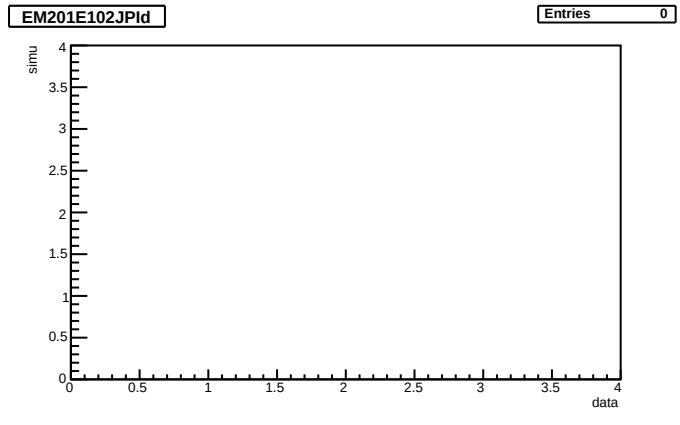

EM201E102JPThBits
Entries2550949
×10^3
JP th bits

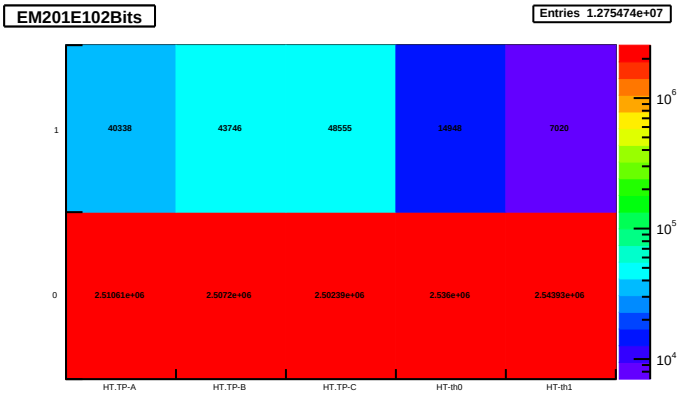

EM201E102JPThBits
Entries 0
simu
data

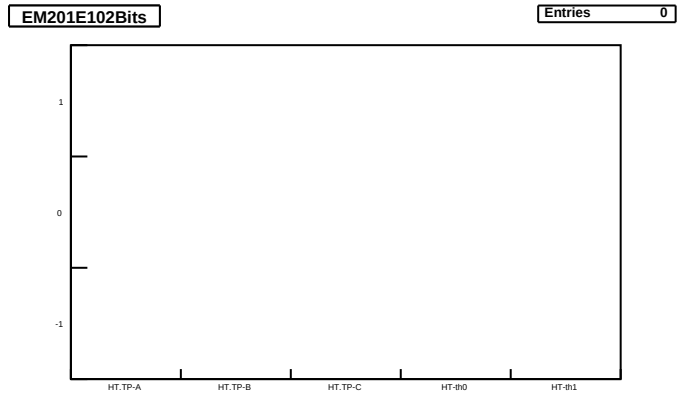

EM201E102JPSum
Entries2550949
×10^3
JP partial sum

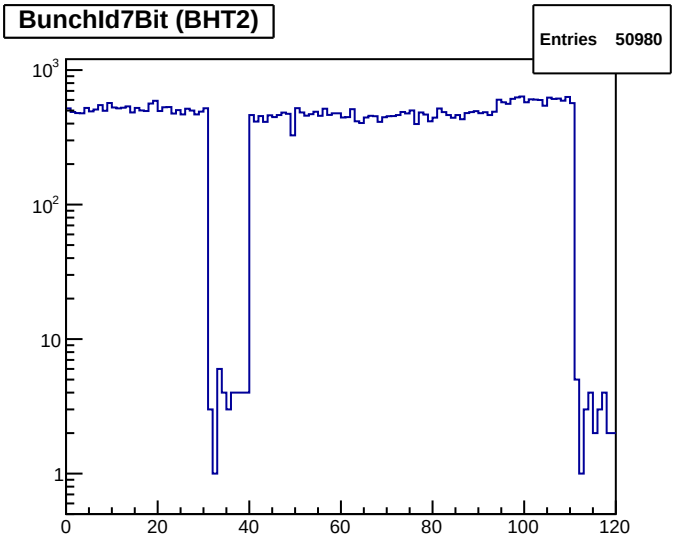

EM201E102JPSum
Entries 0
simu
data

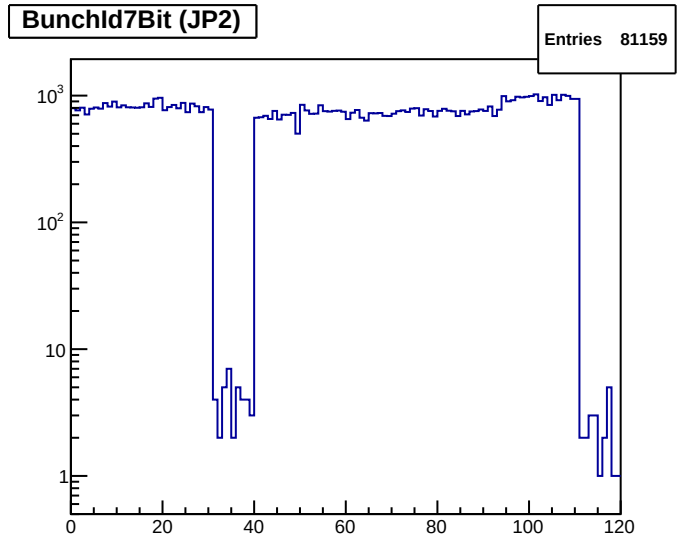

EM201E102JPId
Entries2550949
×10^3
JP partial Id

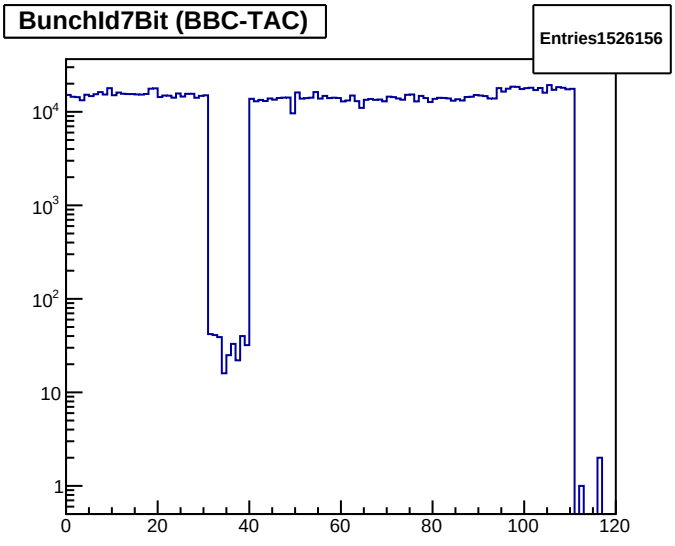

EM201E102JPId
Entries 0
simu
data

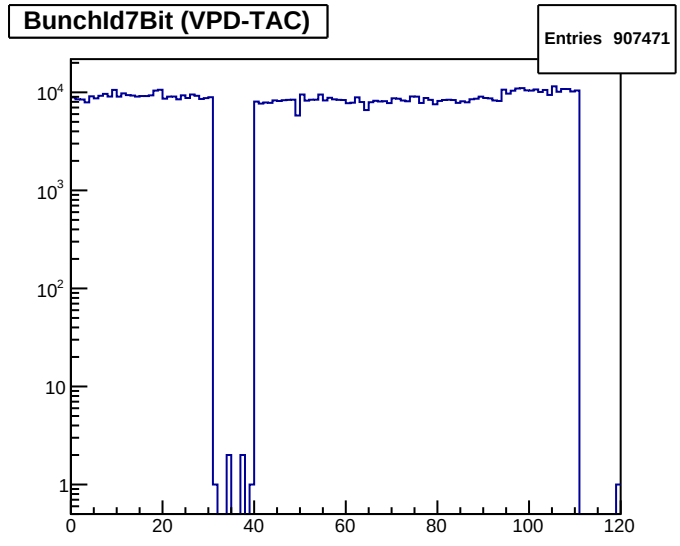

EM201E102Bits
Entries 1.275474e+07
40338
43746
48555
14948
7020
2.51061e+06
2.5072e+06
2.50239e+06
2.536e+06
2.54393e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

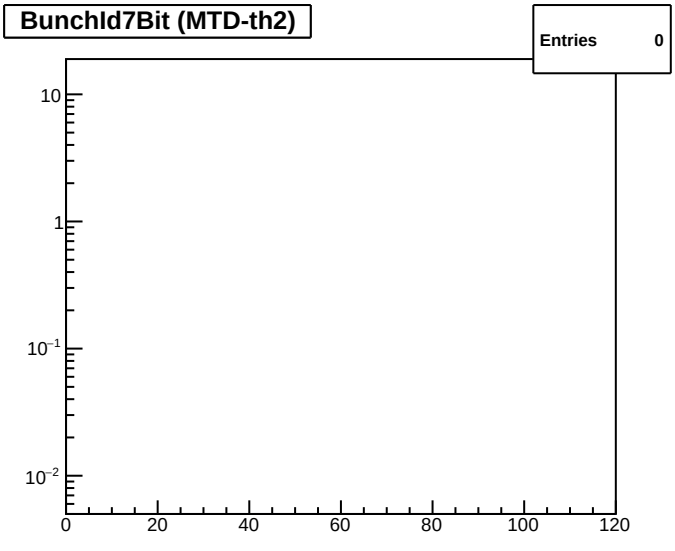

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

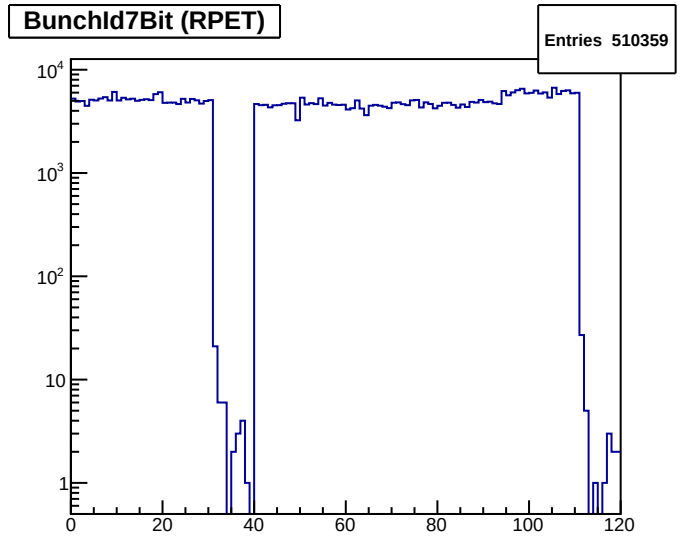

BunchId7Bit (BHT2)
Entries 50980

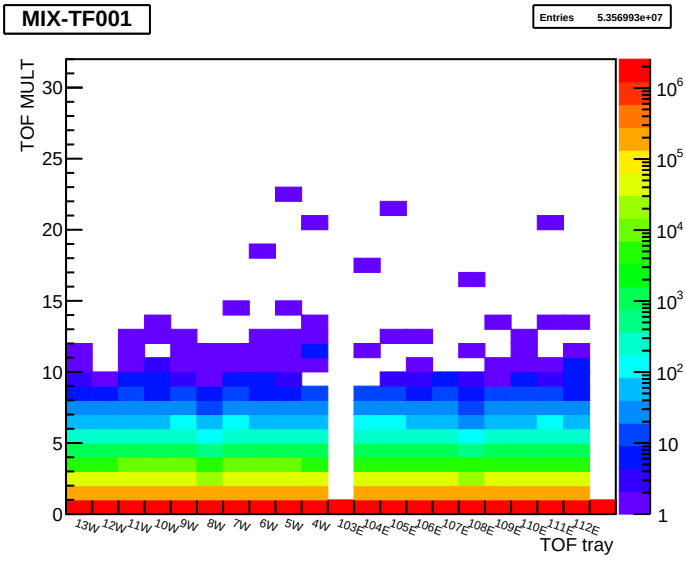

BunchId7Bit (JP2)
Entries 81159

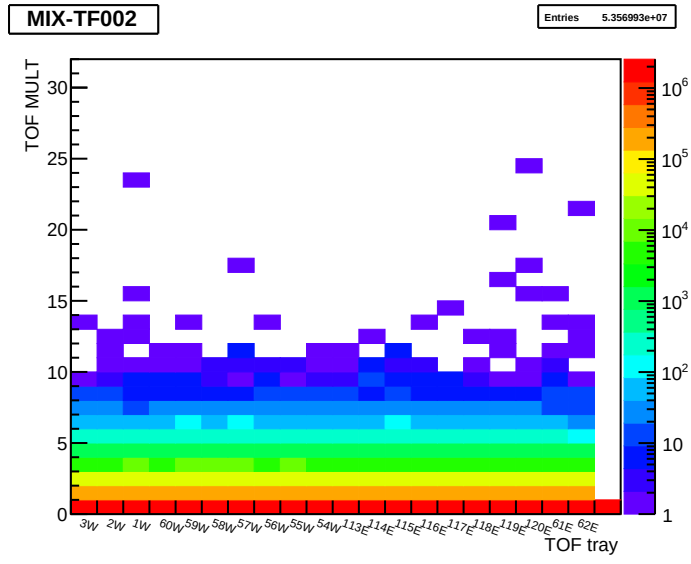

BunchId7Bit (BBC-TAC)
Entries1526156

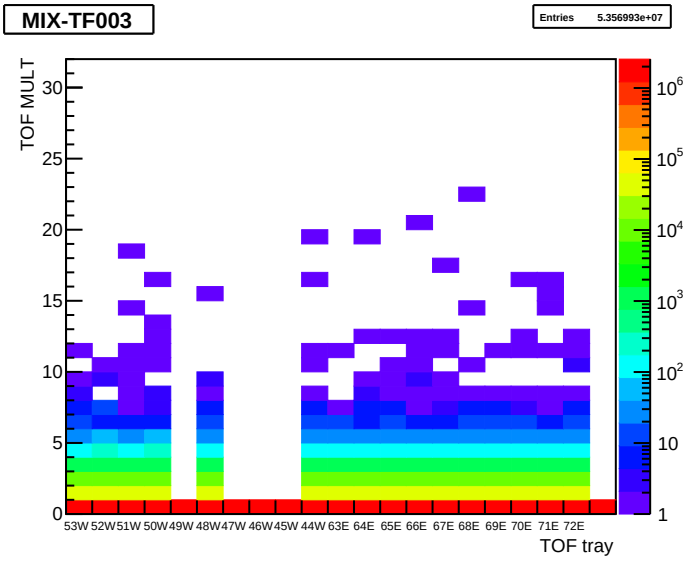

BunchId7Bit (VPD-TAC)
Entries 907471

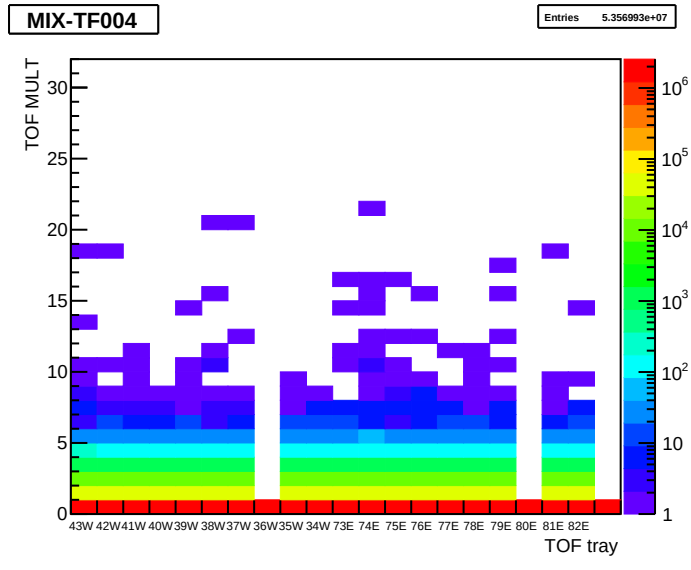

BunchId7Bit (MTD-th2)
Entries 0

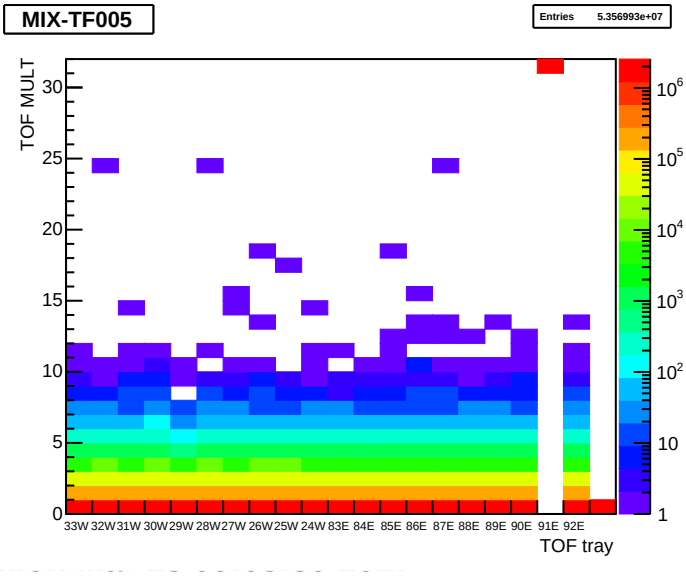

BunchId7Bit (RPET)
Entries 510359

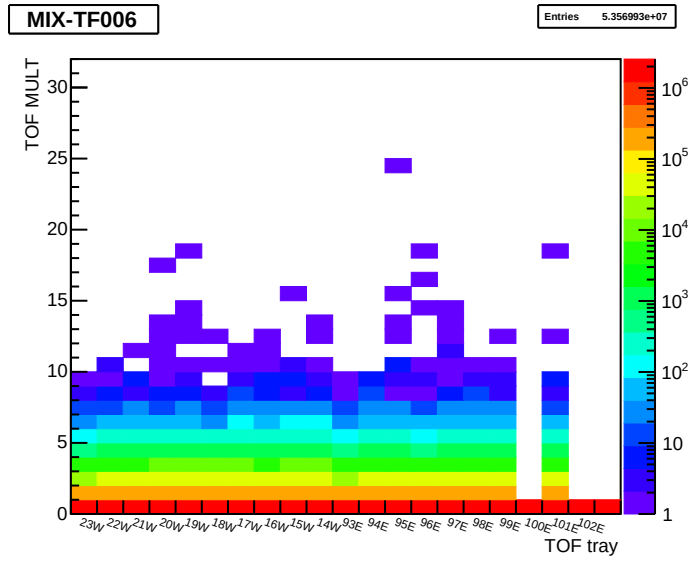

MIX-TF001
Entries 5.356993e+07
TOF MULT
TOF tray

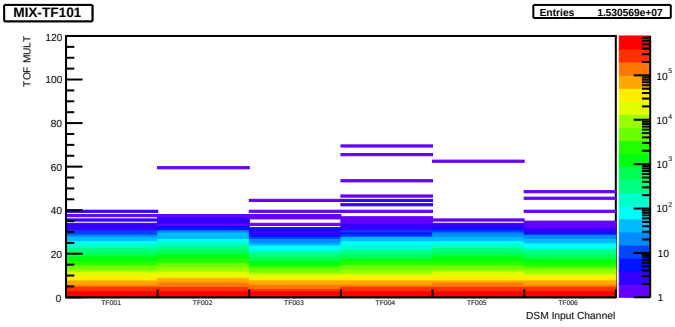

MIX-TF002
Entries 5.356993e+07
TOF MULT
TOF tray

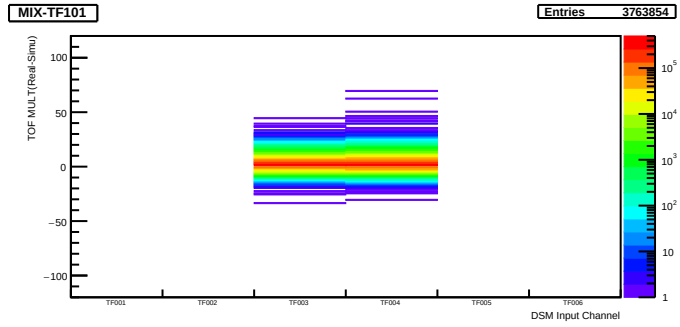

MIX-TF003
Entries 5.356993e+07
TOF MULT
TOF tray

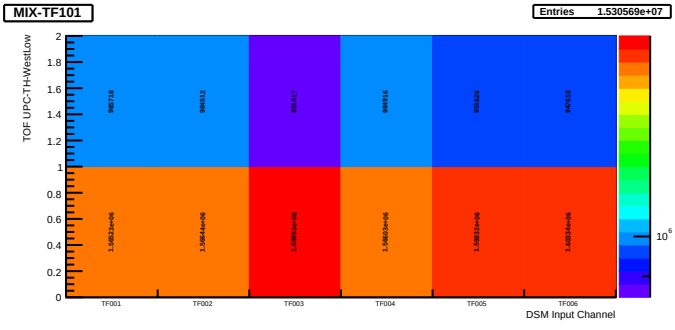

MIX-TF004
Entries 5.356993e+07
TOF MULT
TOF tray

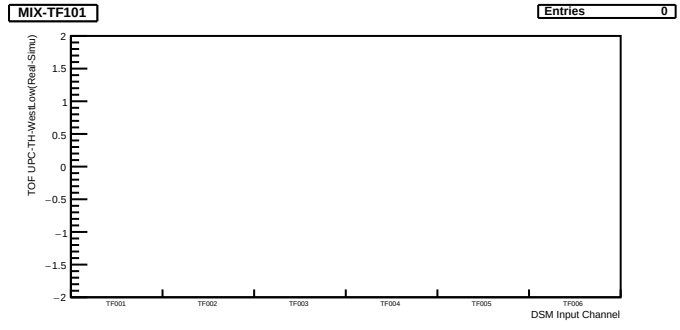

MIX-TF005
Entries 5.356993e+07
TOF MULT
TOF tray

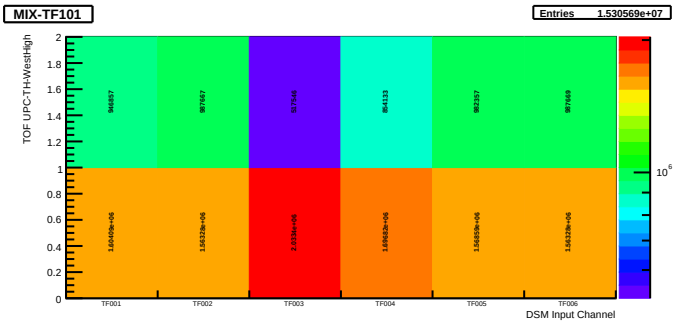

MIX-TF006
Entries 5.356993e+07
TOF MULT
TOF tray

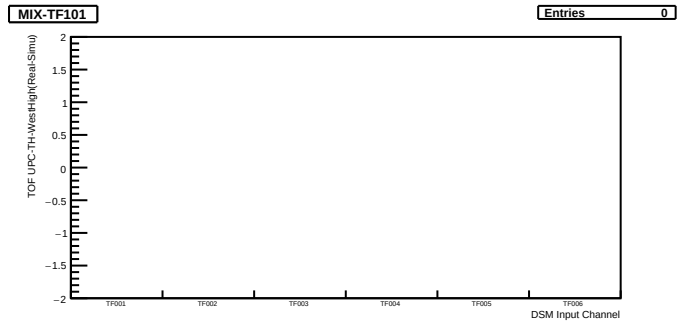

MIX-TF101
Entries 1.530569e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

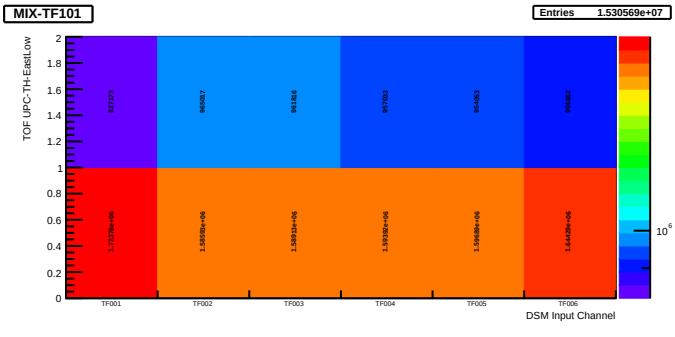

MIX-TF101
Entries 3763854
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

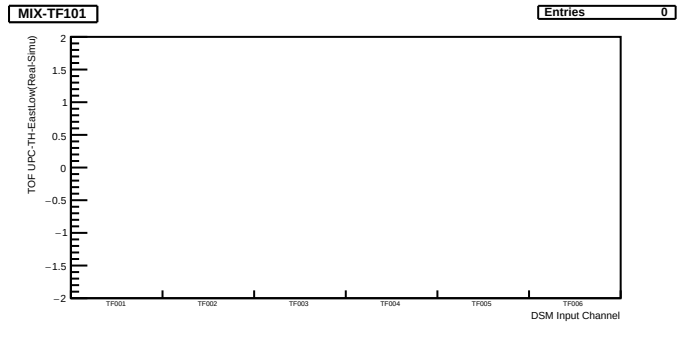

MIX-TF101
Entries 1.530569e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

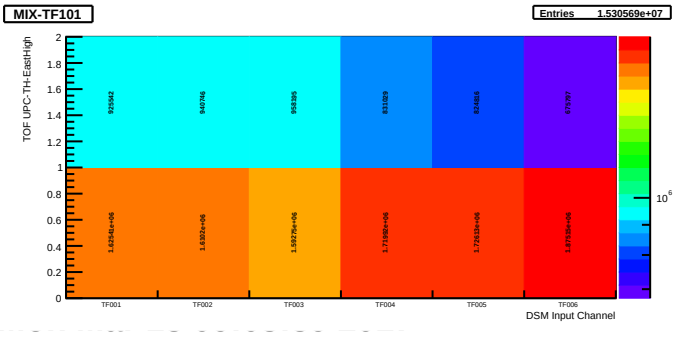

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

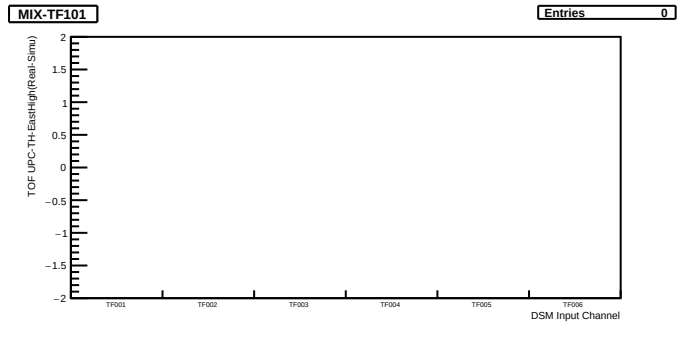

MIX-TF101
Entries 1.530569e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

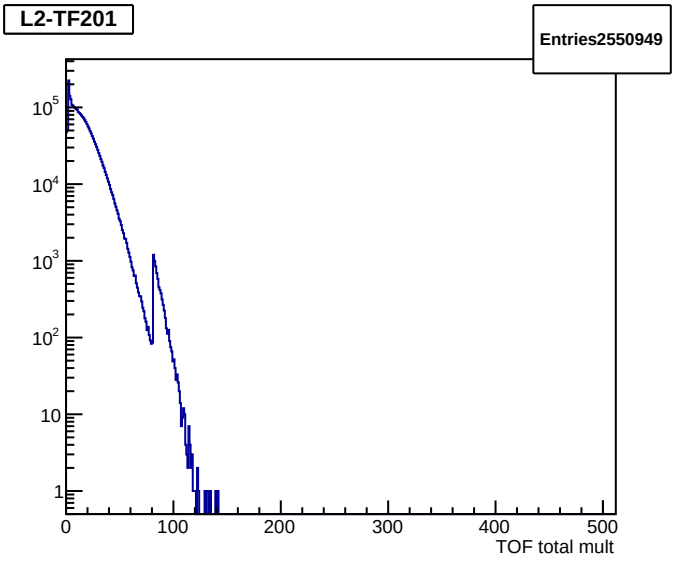

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

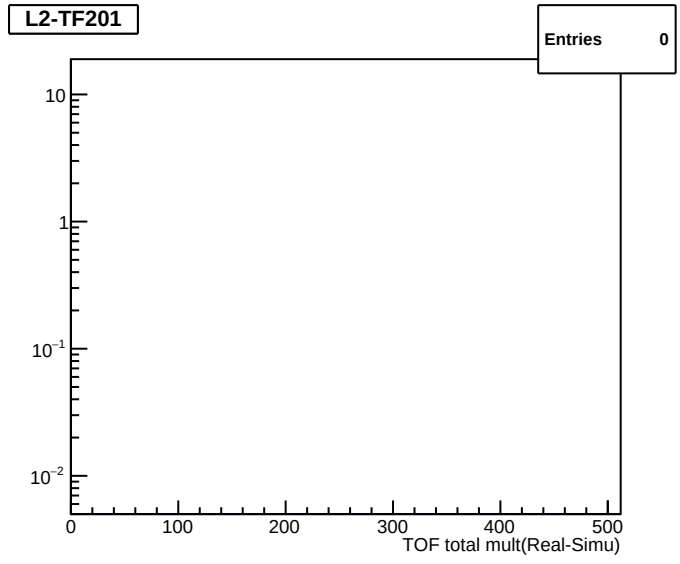

MIX-TF101
Entries 1.530569e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

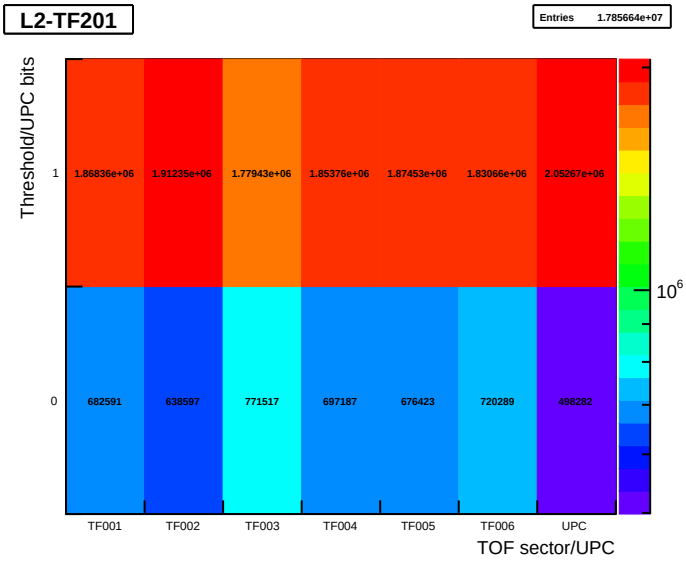

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

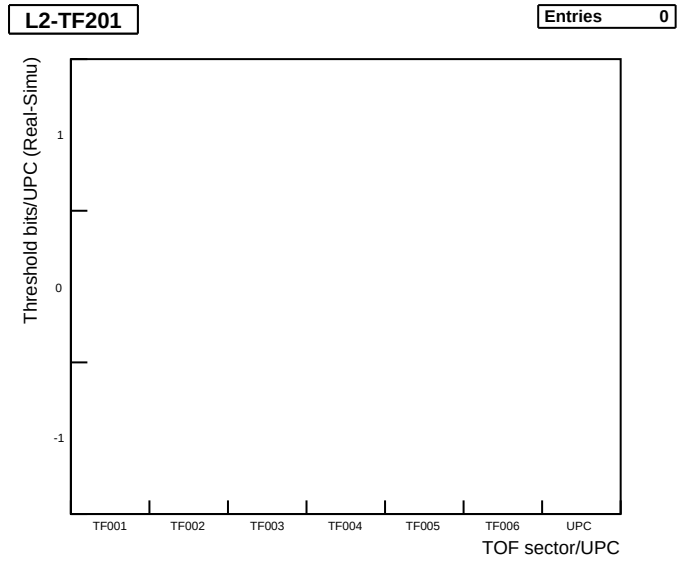

MIX-TF101
Entries 1.530569e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

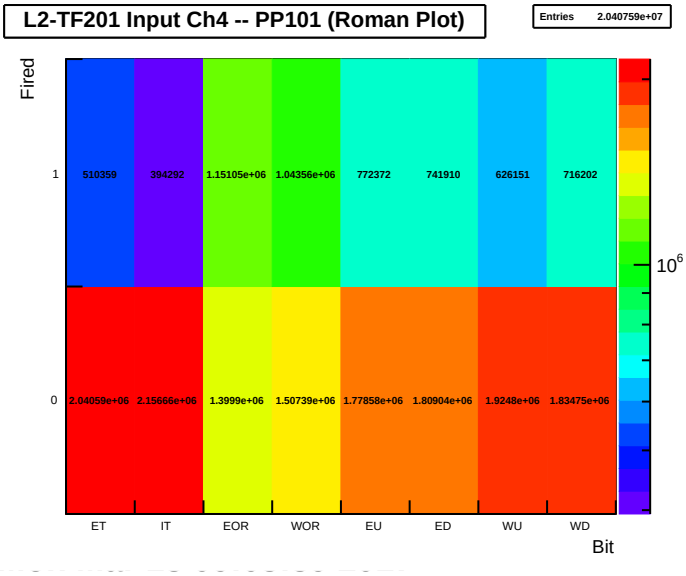

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

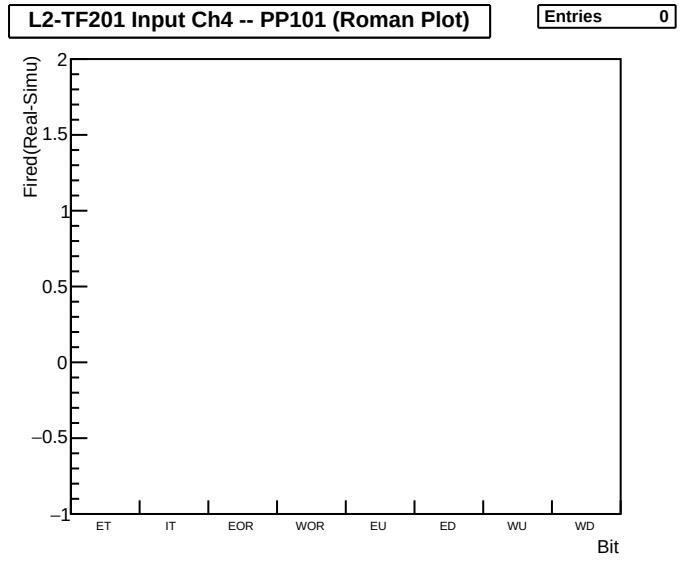

L2-TF201
Entries2550949
TOF total mult

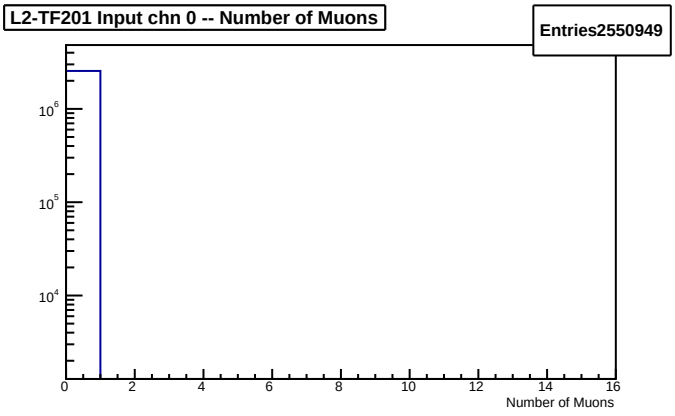

L2-TF201
Entries 0
TOF total mult(Real-Simu)

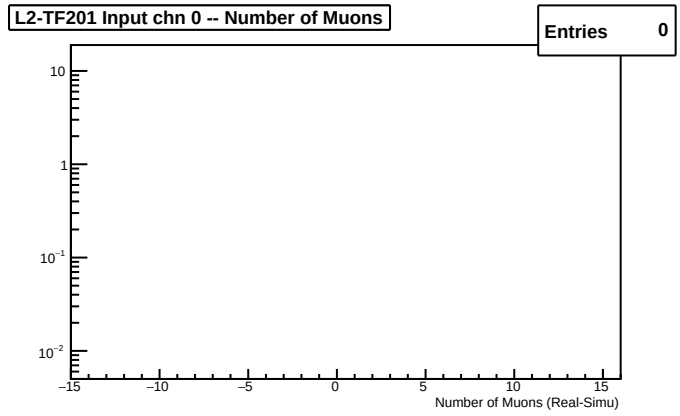

L2-TF201
Entries 1.785664e+07
Threshold/UPC bits
1.86836e+06
1.91235e+06
1.77943e+06
1.85376e+06
1.87453e+06
1.83066e+06
2.05267e+06
682591
638597
771517
697187
676423
720289
498282
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

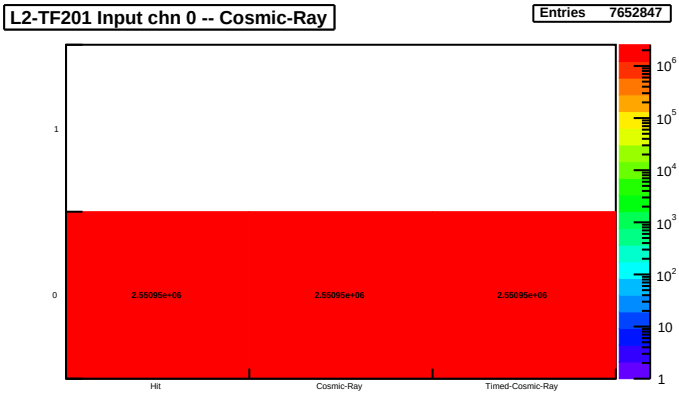

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

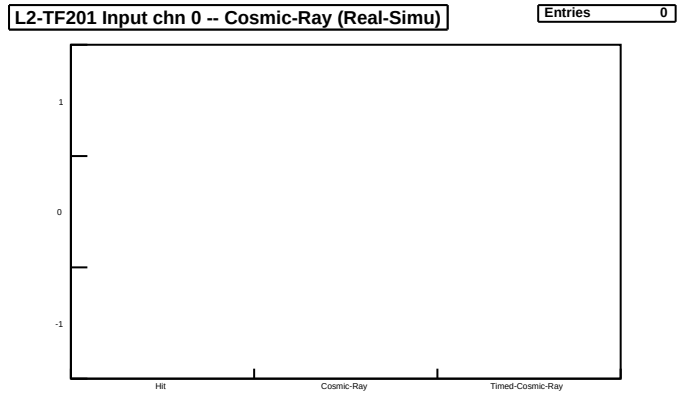

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.040759e+07
Fired
510359
394292
1.15105e+06
1.04356e+06
772372
741910
626151
716202
2.04059e+06
2.15666e+06
1.3999e+06
1.50739e+06
1.77858e+06
1.80904e+06
1.9248e+06
1.83475e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

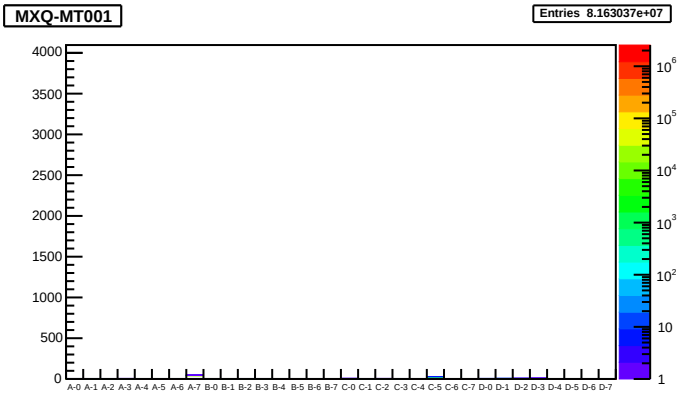

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

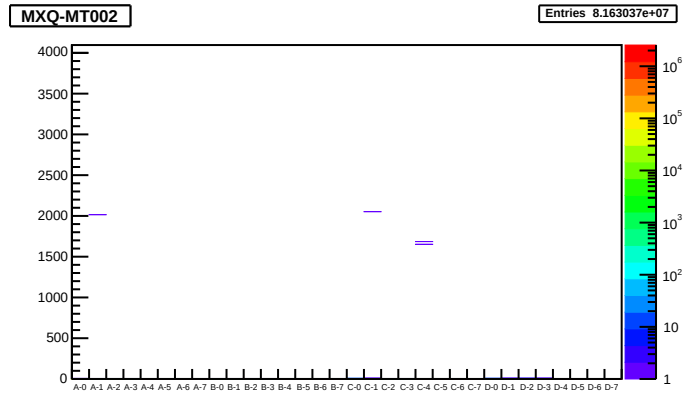

L2-TF201 Input chn 0 -- Number of Muons
Entries2550949
Number of Muons

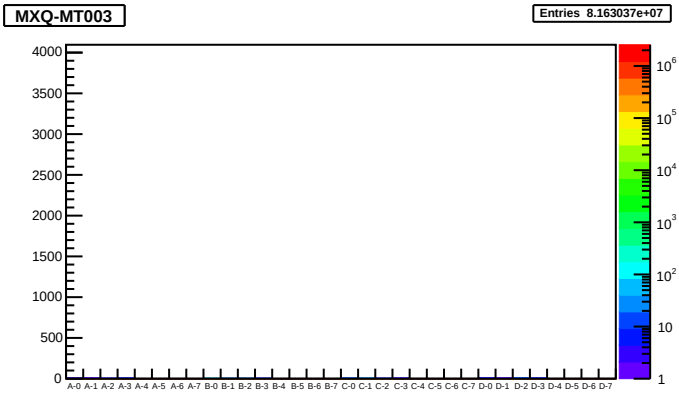

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

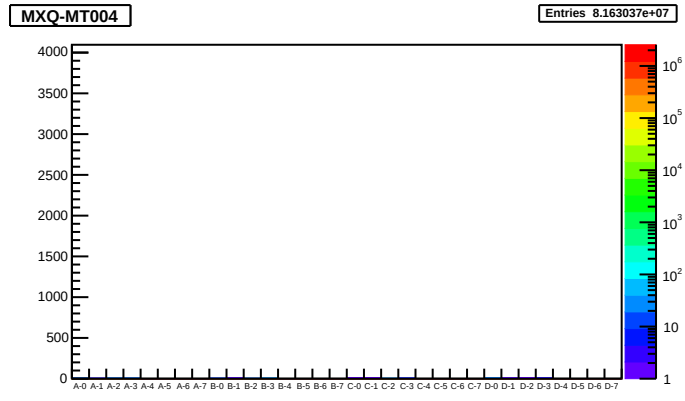

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7652847
2.55095e+06
2.55095e+06
2.55095e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

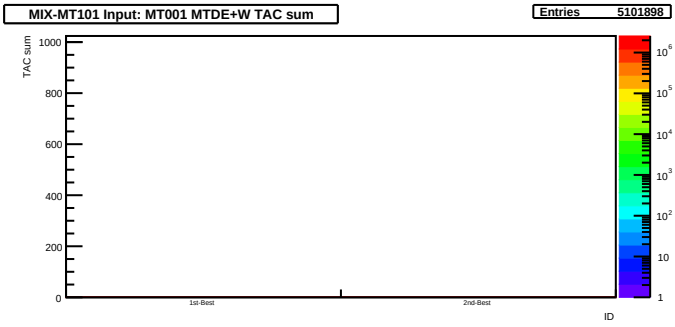

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

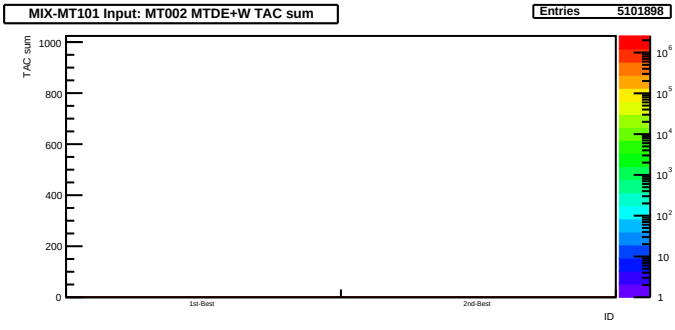

MXQ-MT001
Entries 8.163037e+07

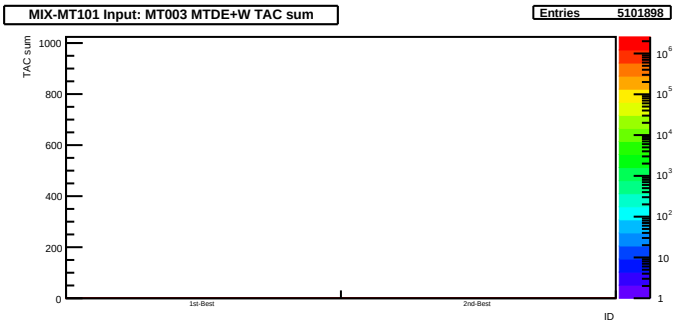

MXQ-MT002
Entries 8.163037e+07

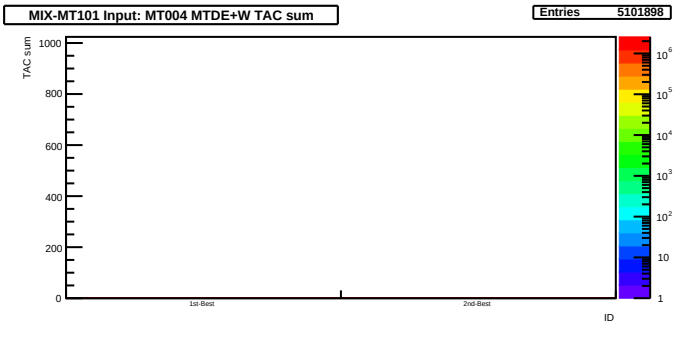

MXQ-MT003
Entries 8.163037e+07

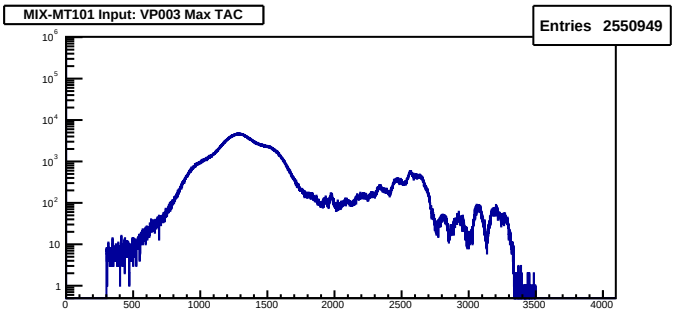

MXQ-MT004
Entries 8.163037e+07

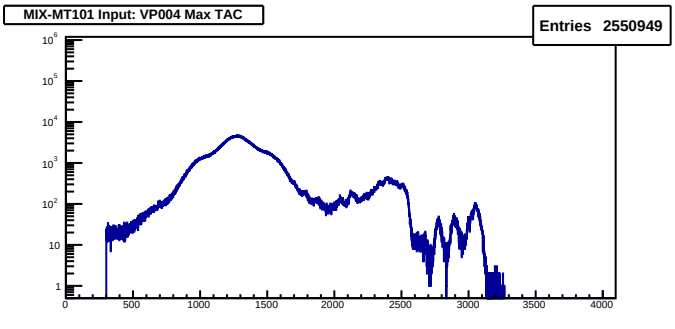

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5101898
TAC sum
1st-Best
2nd-Best
ID

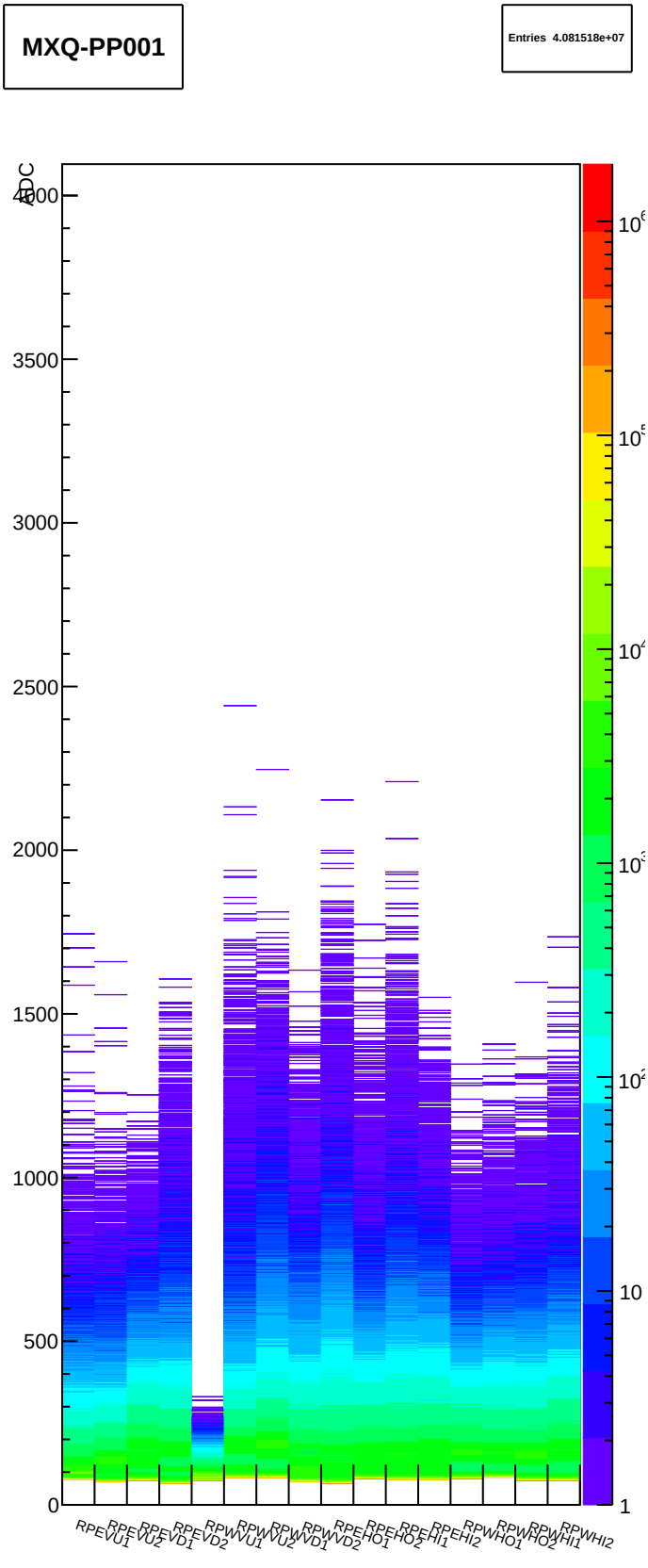

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5101898
TAC sum
1st-Best
2nd-Best
ID

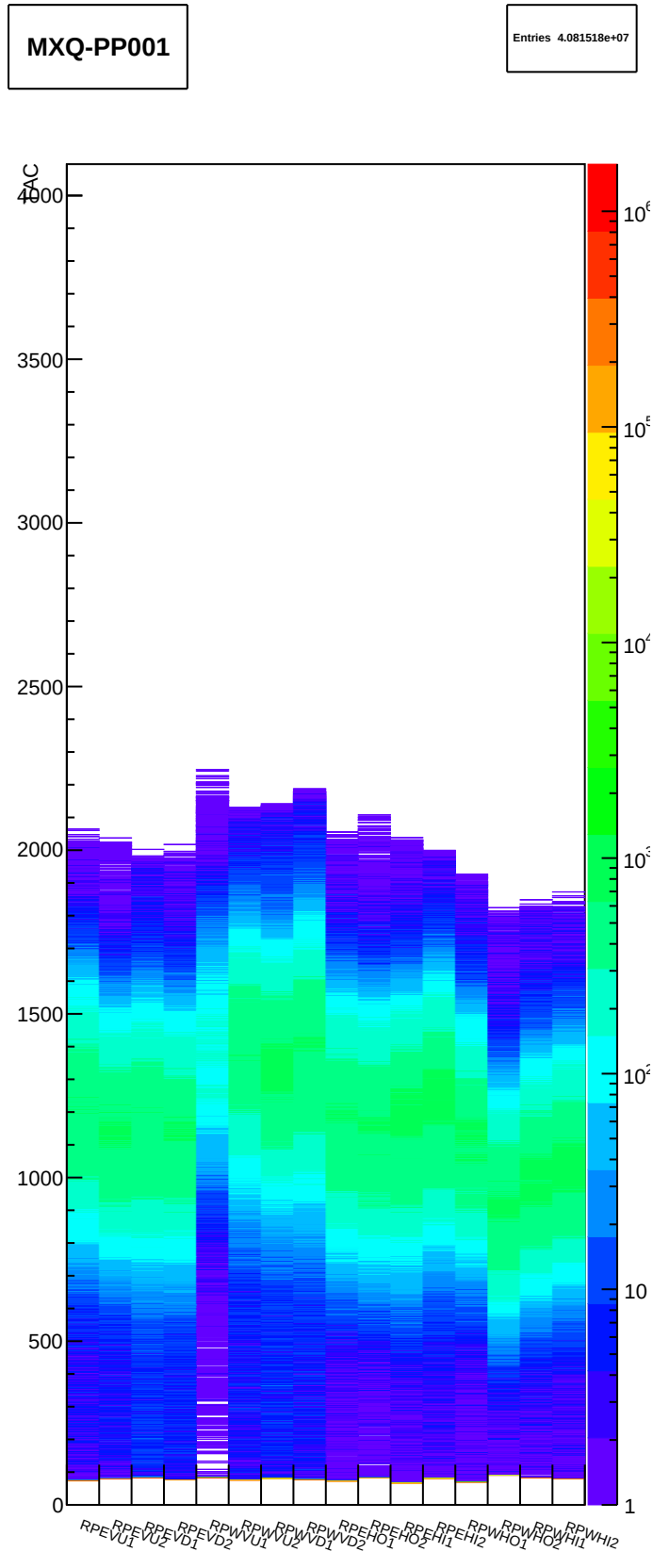

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5101898
TAC sum
1st-Best
2nd-Best
ID

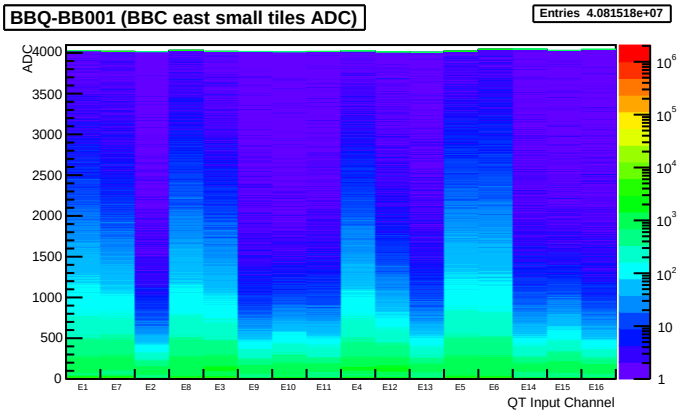

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5101898
TAC sum
1st-Best
2nd-Best
ID

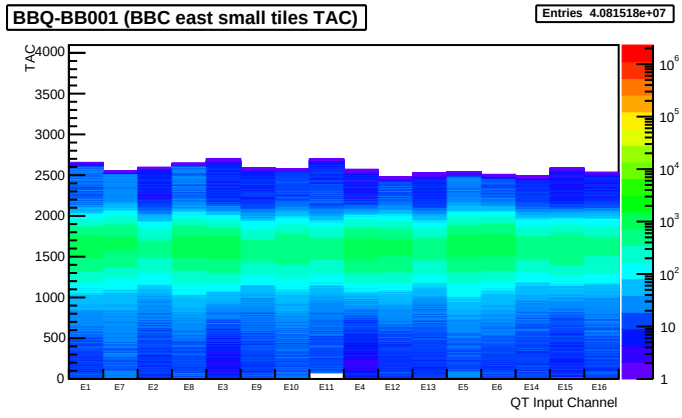

MIX-MT101 Input: VP003 Max TAC
Entries 2550949

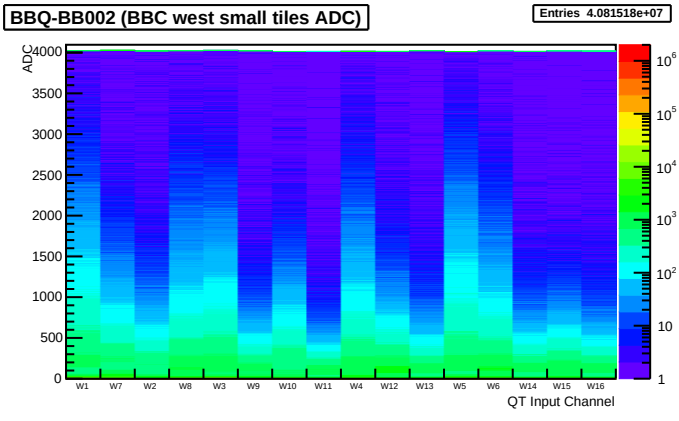

MIX-MT101 Input: VP004 Max TAC
Entries 2550949

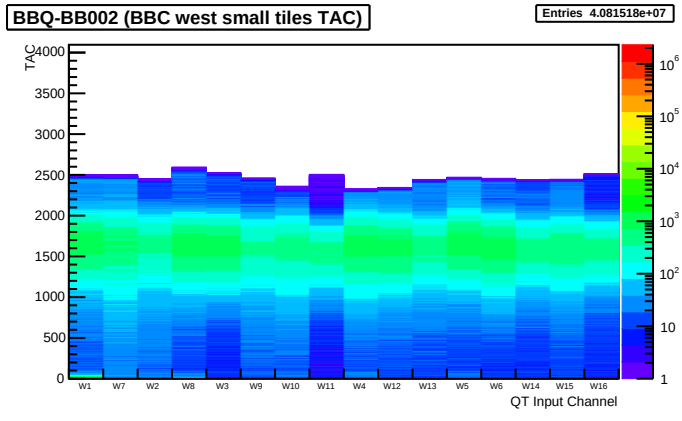

MXQ-PP001
Entries 4.081518e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

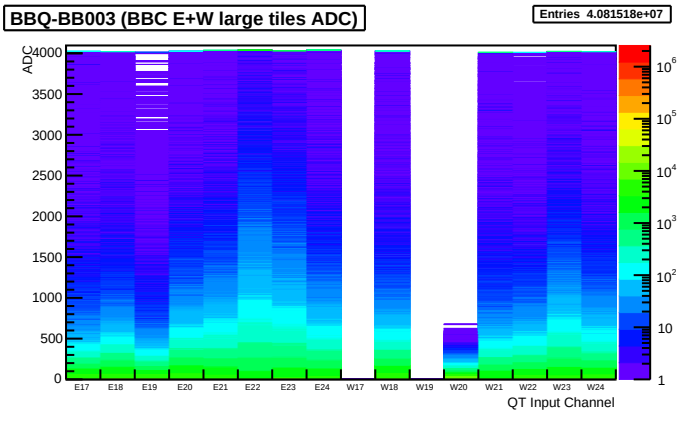

MXQ-PP001
Entries 4.081518e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

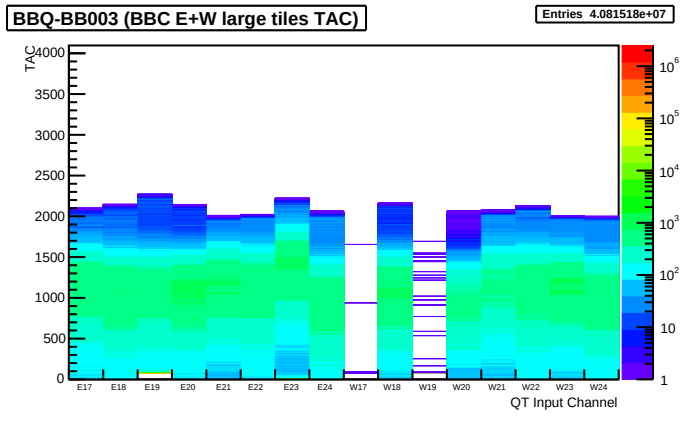

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.081518e+07
ADC
QT Input Channel

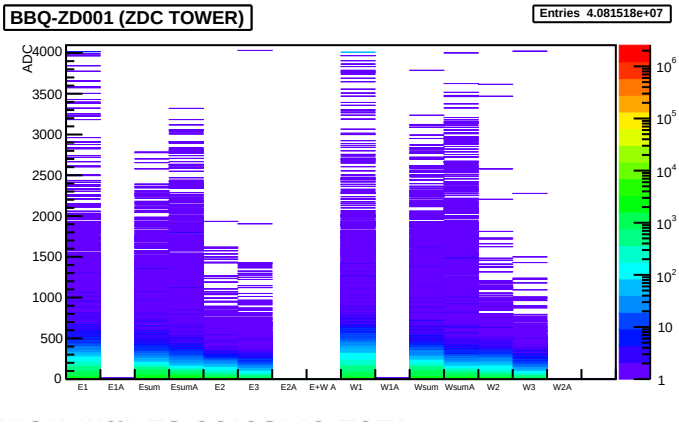

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.081518e+07
TAC
QT Input Channel

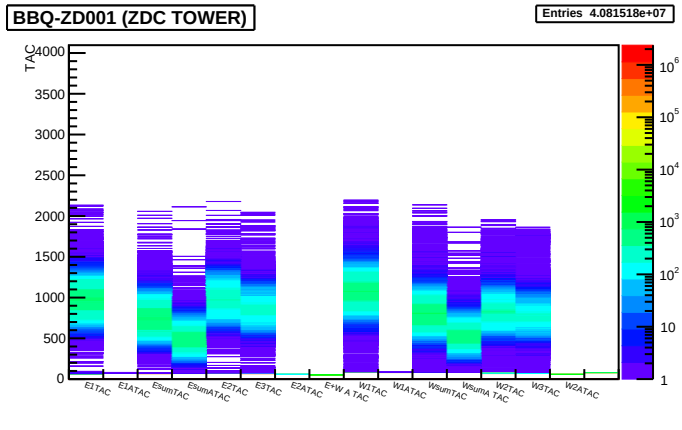

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.081518e+07
ADC
QT Input Channel

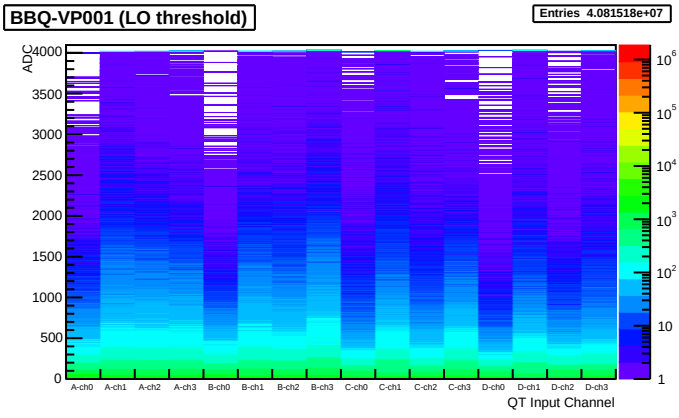

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.081518e+07
TAC
QT Input Channel

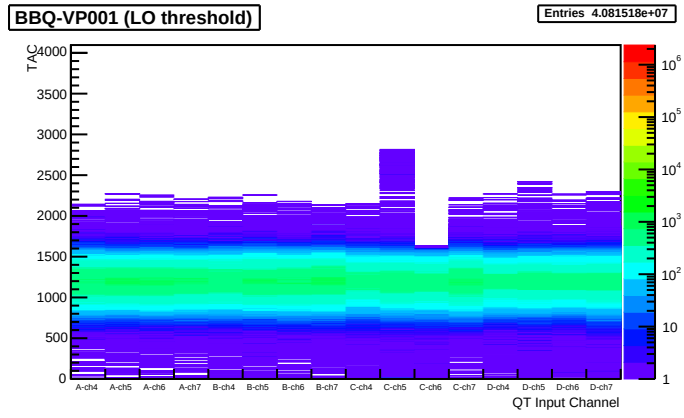

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.081518e+07
ADC
QT Input Channel

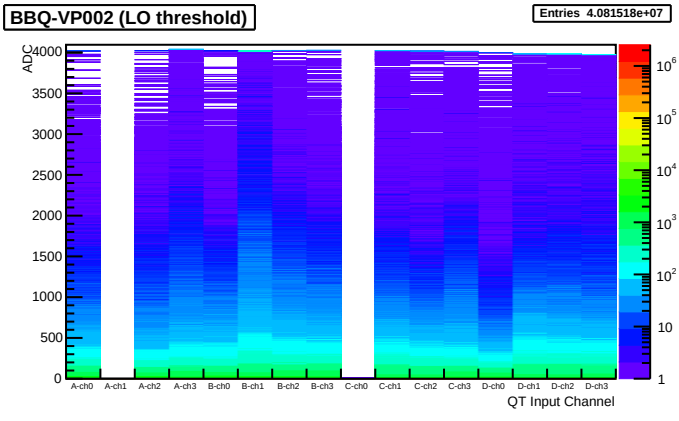

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.081518e+07
TAC
QT Input Channel

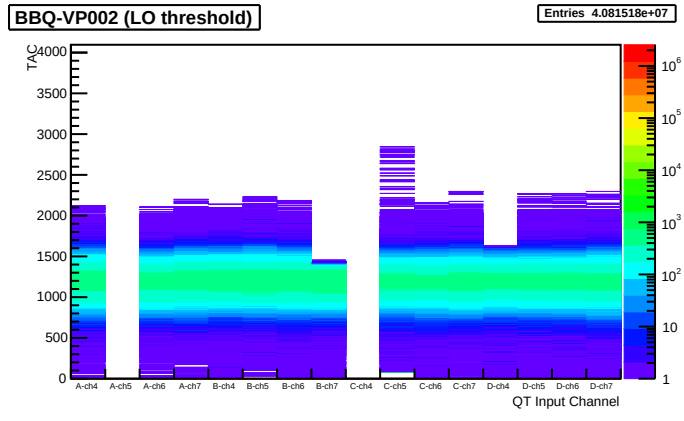

BBQ-ZD001 (ZDC TOWER)
Entries 4.081518e+07
ADC

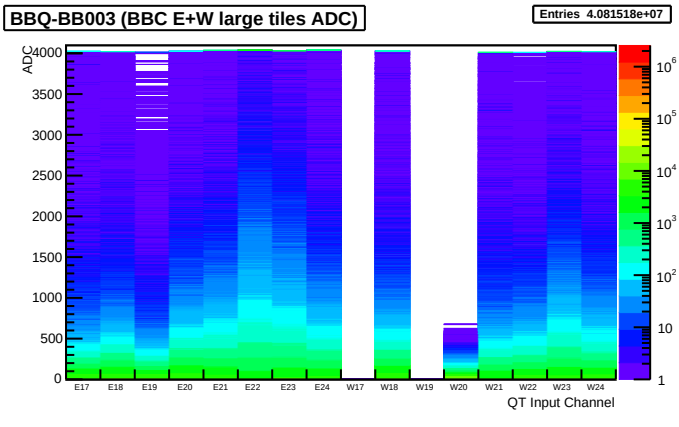

BBQ-ZD001 (ZDC TOWER)
Entries 4.081518e+07
TAC

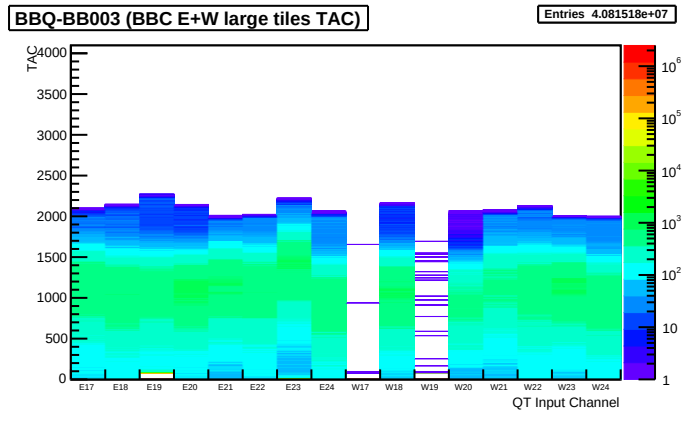

BBQ-VP001 (LO threshold)
Entries 4.081518e+07
ADC
QT Input Channel

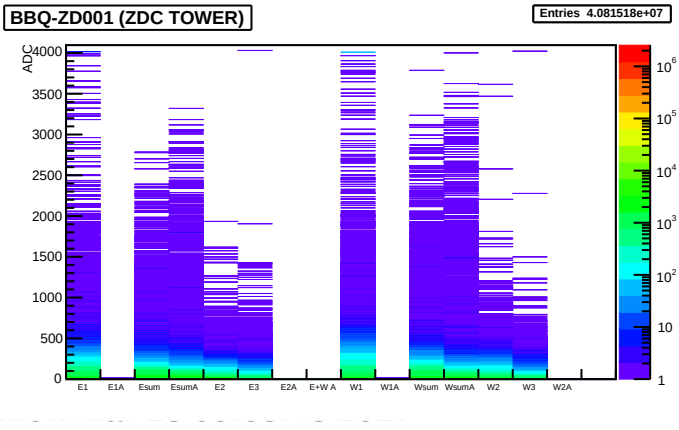

BBQ-VP001 (LO threshold)
Entries 4.081518e+07
TAC
QT Input Channel

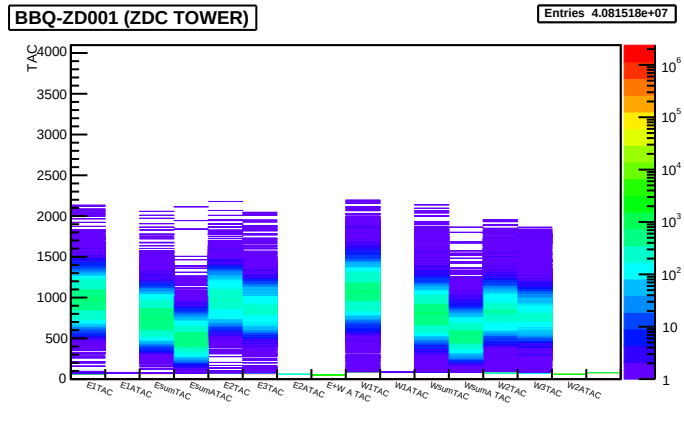

BBQ-VP002 (LO threshold)
Entries 4.081518e+07
ADC
QT Input Channel

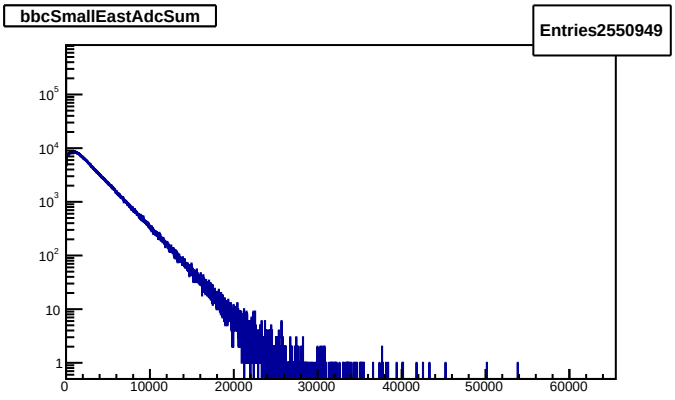

BBQ-VP002 (LO threshold)
Entries 4.081518e+07
TAC
QT Input Channel

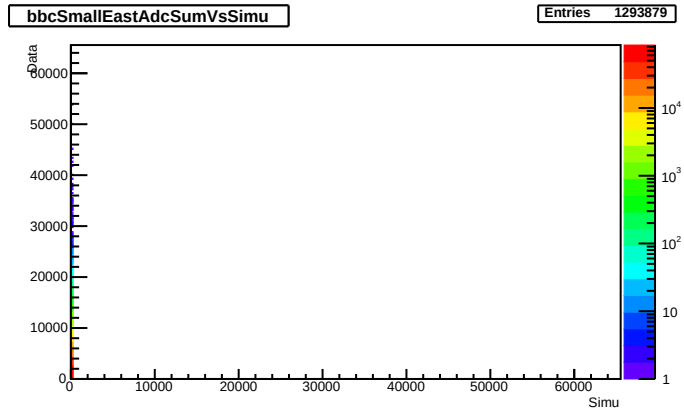

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.081518e+07
ADC
QT Input Channel

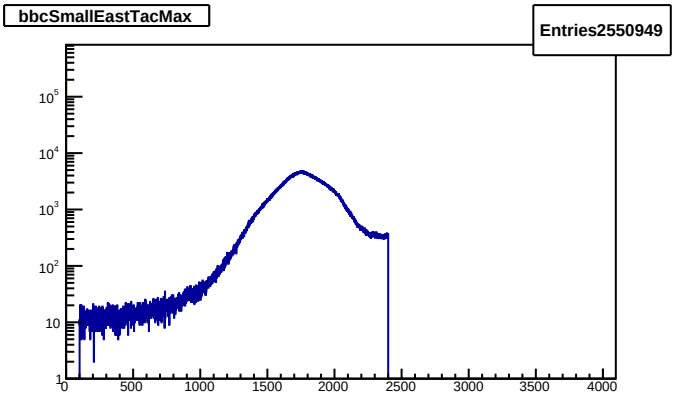

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.081518e+07
TAC
QT Input Channel

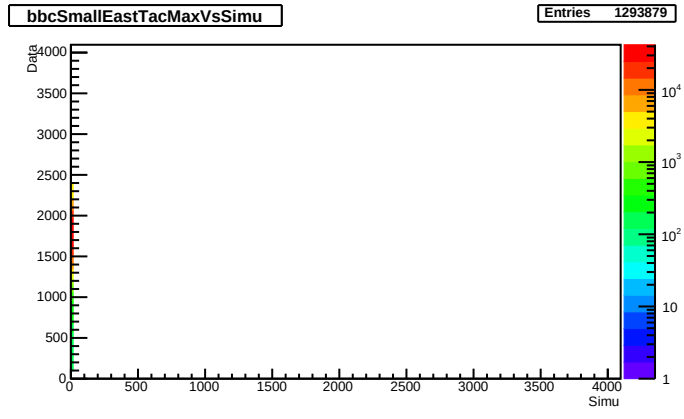

BBQ-ZD001 (ZDC TOWER)
Entries 4.081518e+07
ADC

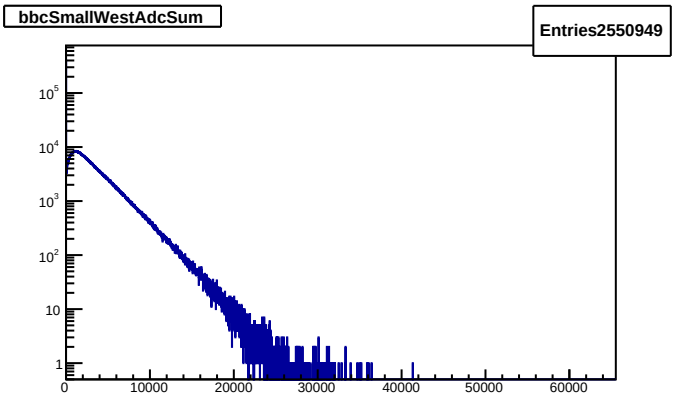

BBQ-ZD001 (ZDC TOWER)
Entries 4.081518e+07
TAC

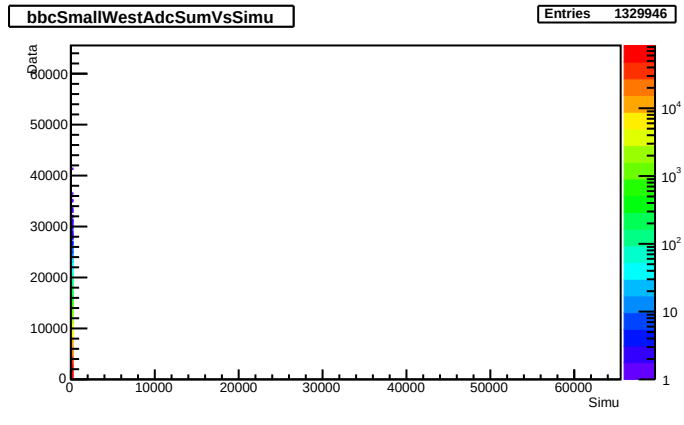

bbcSmallEastAdcSum
Entries2550949

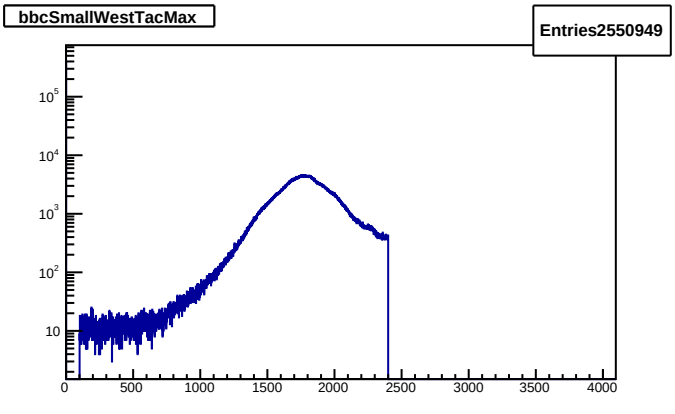

bbcSmallEastAdcSumVsSimu
Entries 1293879
Data
Simu

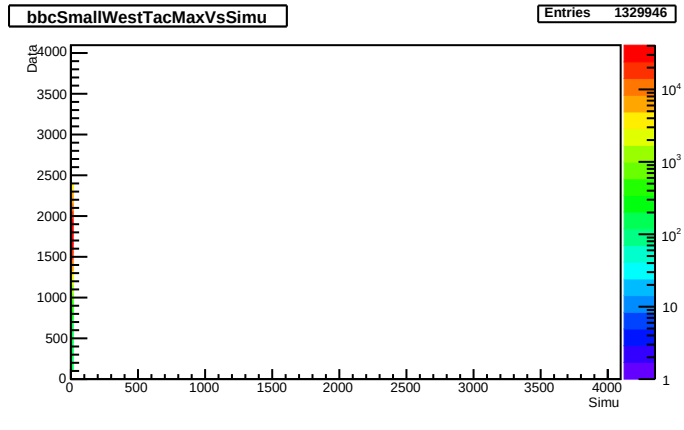

bbcSmallEastTacMax
Entries2550949

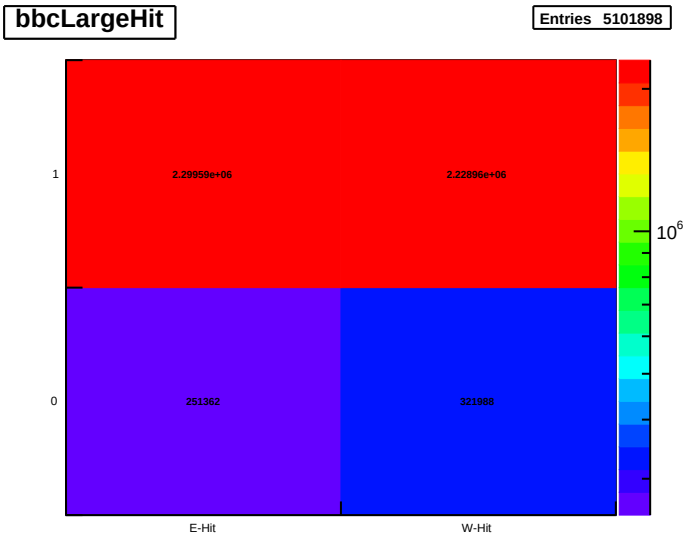

bbcSmallEastTacMaxVsSimu
Entries 1293879
Data
Simu

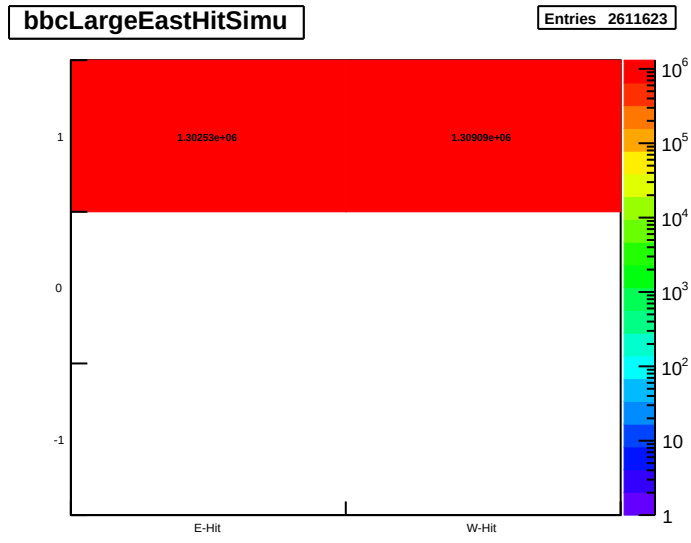

bbcSmallWestAdcSum
Entries2550949

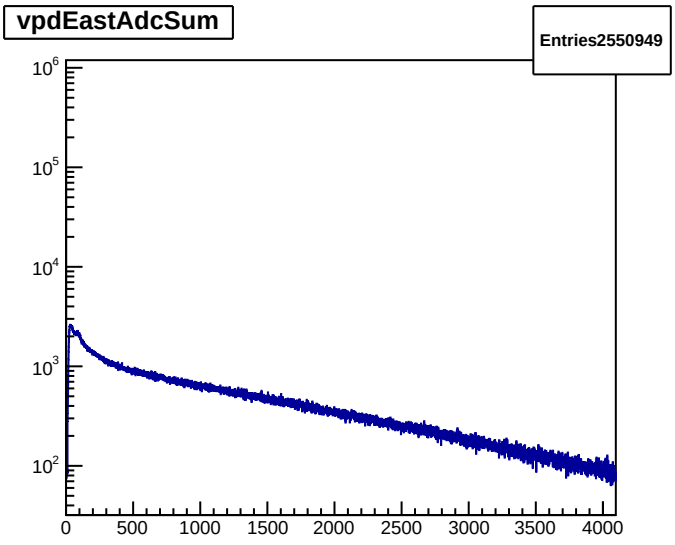

bbcSmallWestAdcSumVsSimu
Entries 1329946
Data
Simu

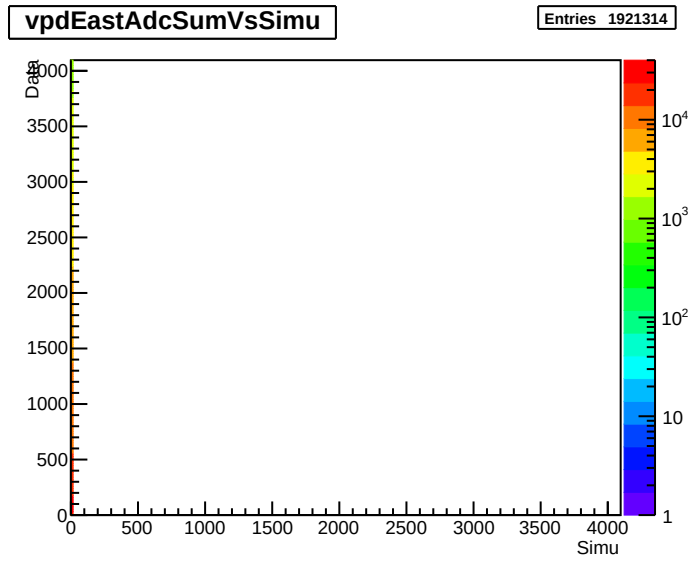

bbcSmallWestTacMax
Entries2550949

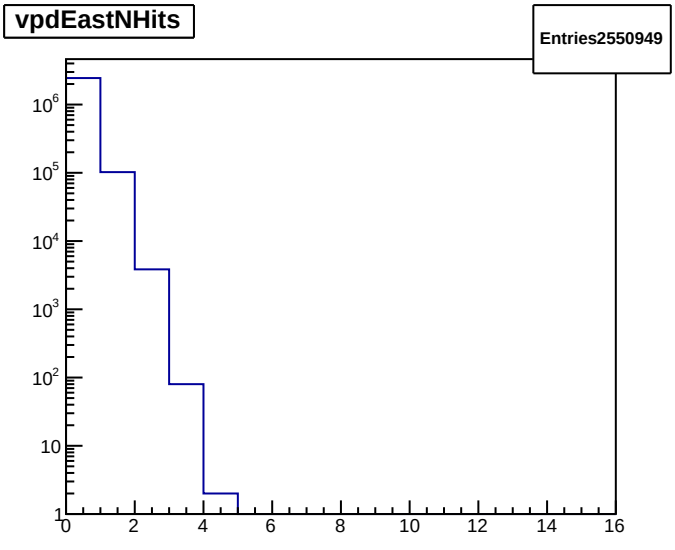

bbcSmallWestTacMaxVsSimu
Entries 1329946
Data
Simu

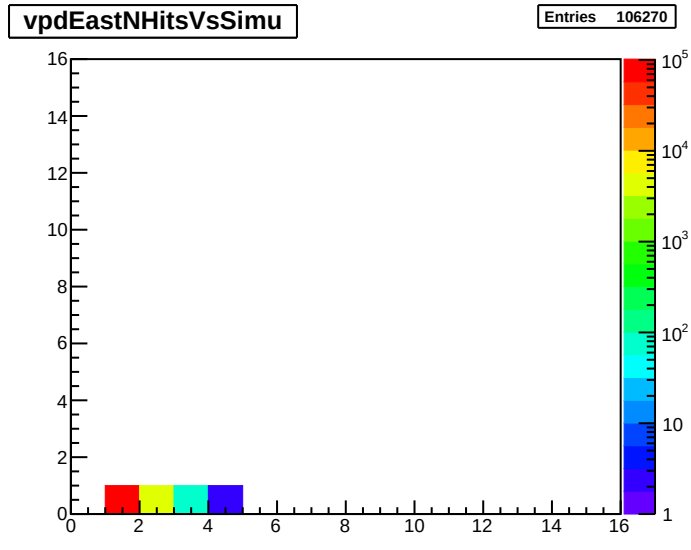

bbcLargeHit
Entries 5101898
2.29959e+06
2.22896e+06
251362
321988
1
0
E-Hit
W-Hit
10^6

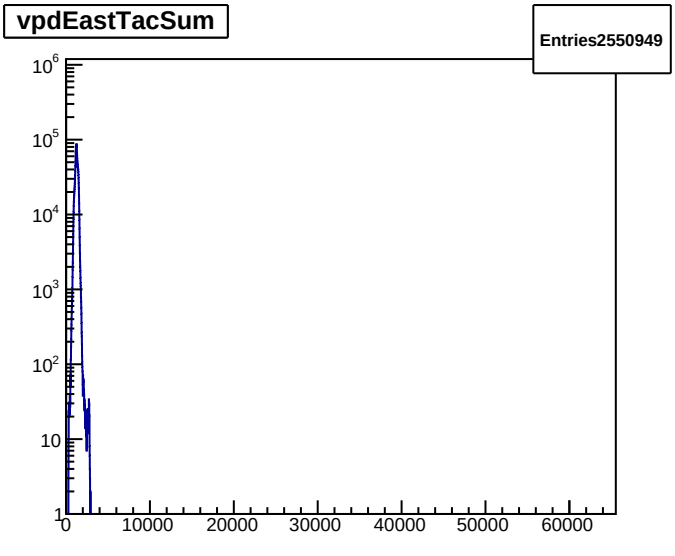

bbcLargeEastHitSimu
Entries 2611623
1.30253e+06
1.30909e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

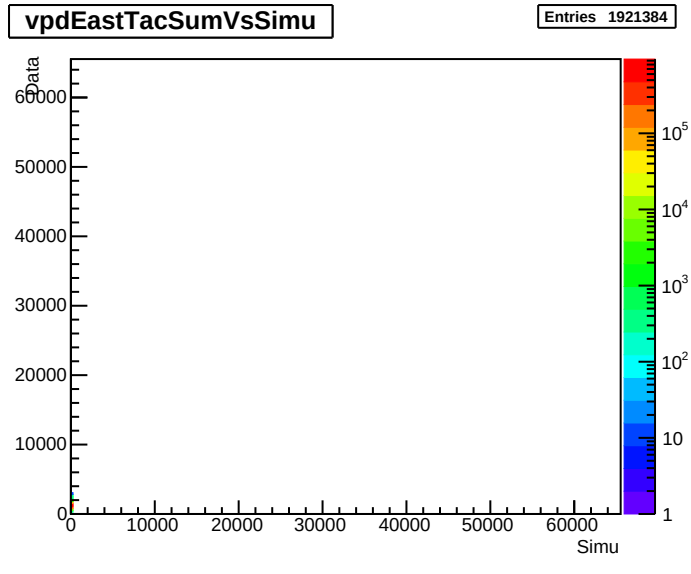

vpdEastAdcSum
Entries2550949

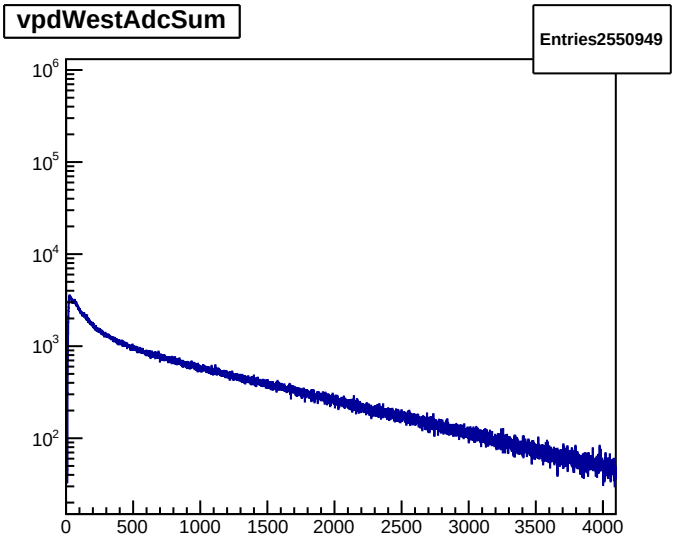

vpdEastAdcSumVsSimu
Entries 1921314
Data
Simu

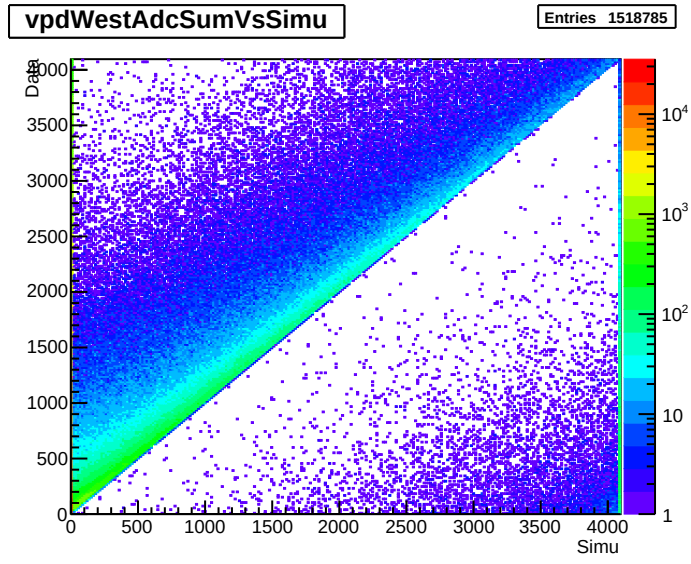

vpdEastNHits
Entries2550949

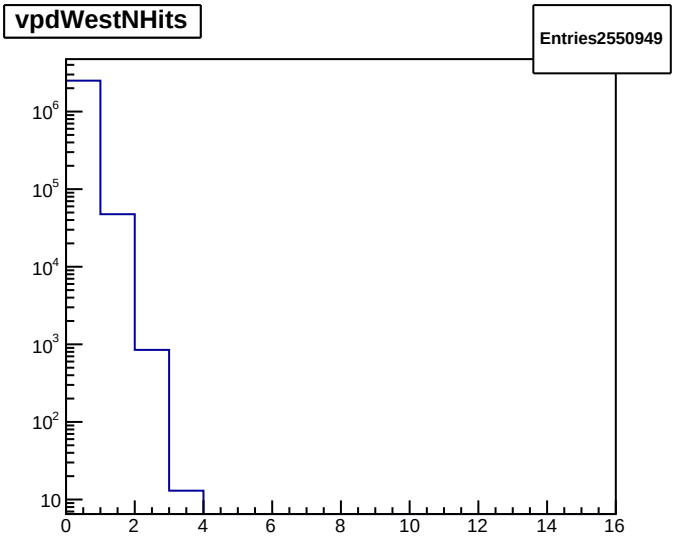

vpdEastNHitsVsSimu
Entries 106270

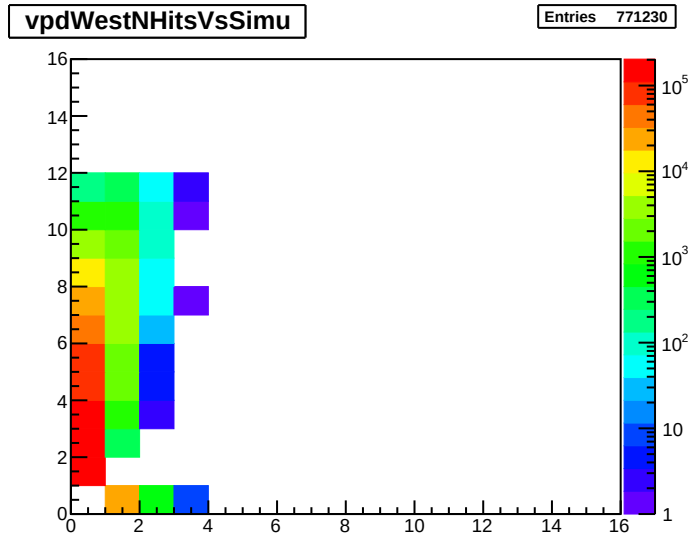

vpdEastTacSum
Entries2550949

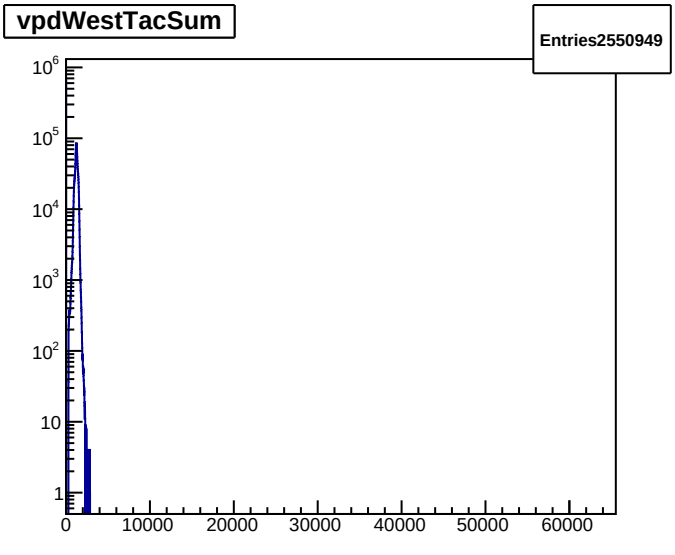

vpdEastTacSumVsSimu
Entries 1921384
Data
Simu

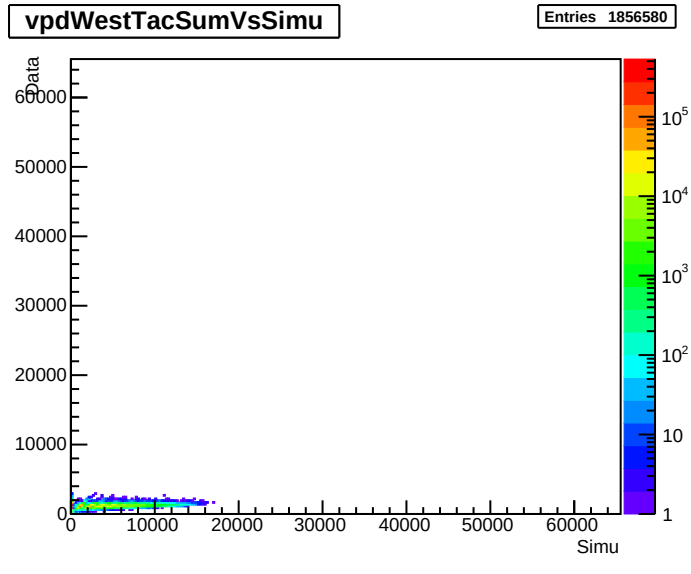

vpdWestAdcSum
Entries2550949

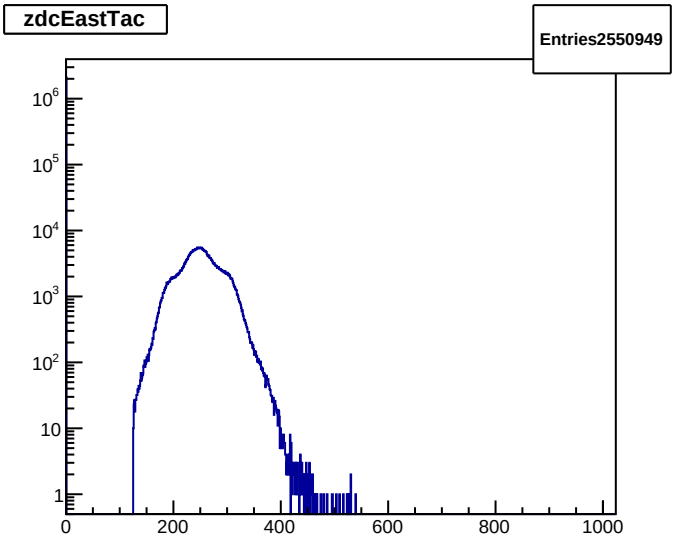

vpdWestAdcSumVsSimu
Entries 1518785
Data
Simu

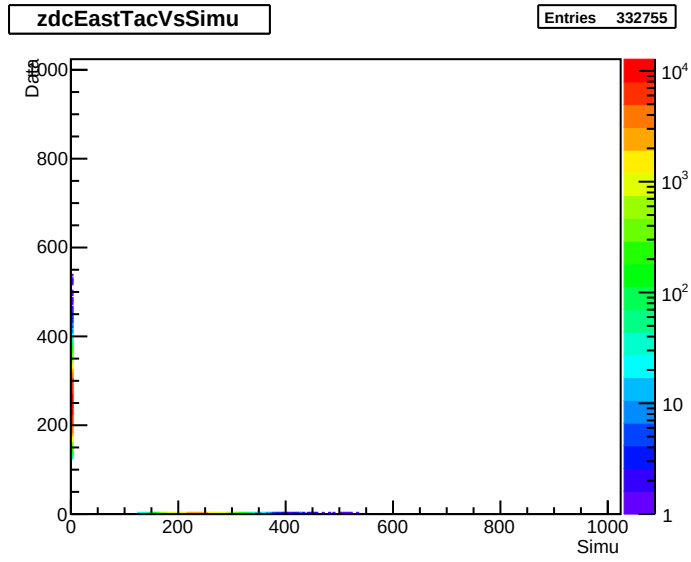

vpdWestNHits
Entries2550949

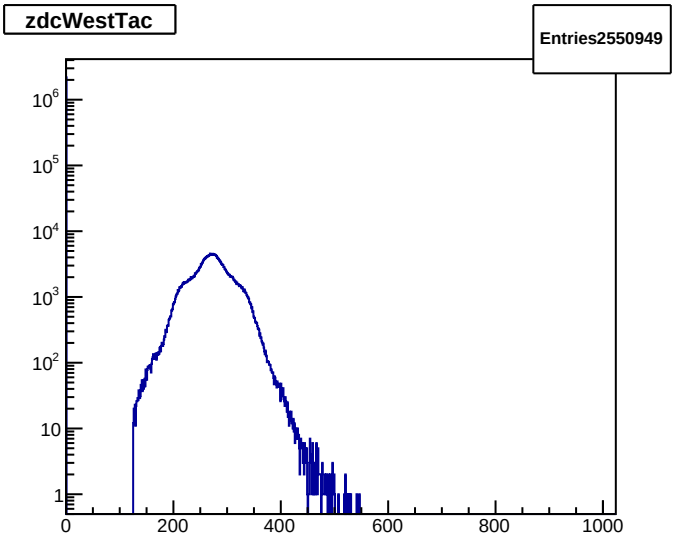

vpdWestNHitsVsSimu
Entries 771230

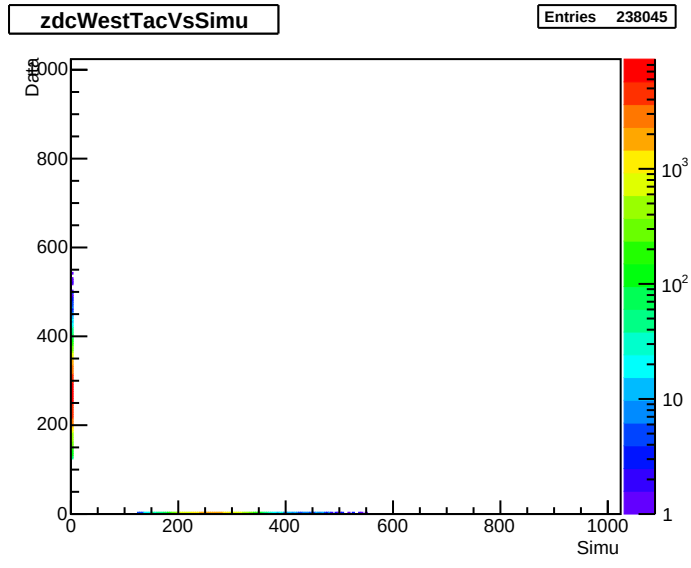

vpdWestTacSum
Entries2550949

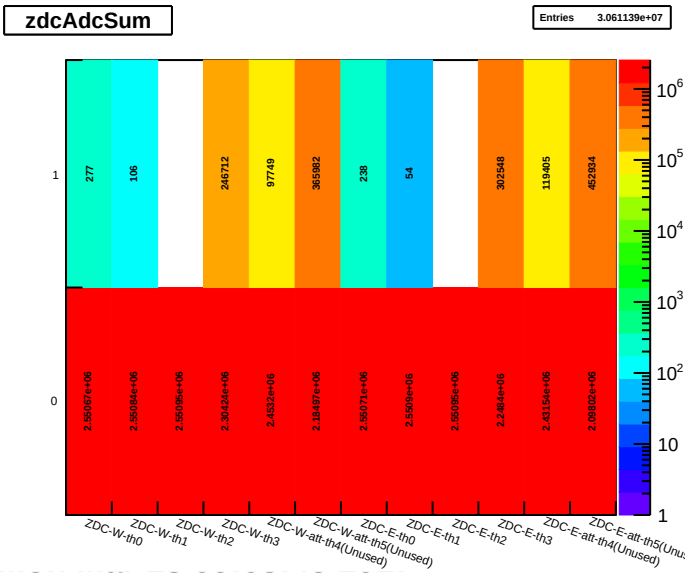

vpdWestTacSumVsSimu
Entries 1856580
Data
Simu

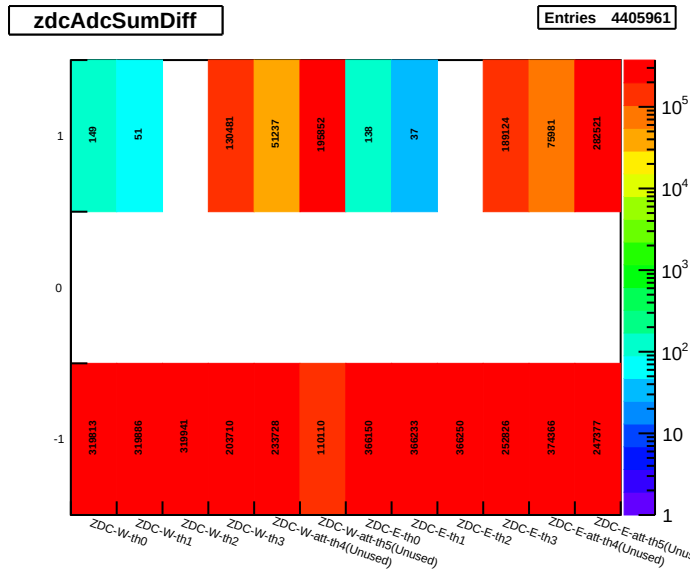

zdcEastTac
Entries2550949

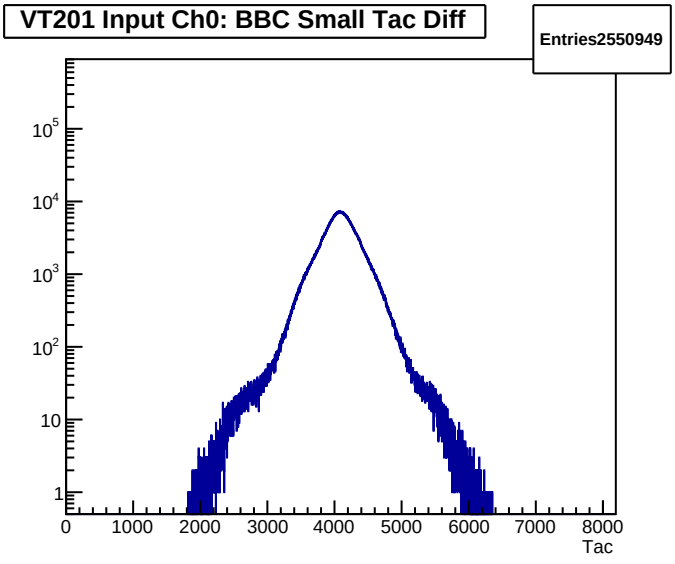

zdcEastTacVsSimu
Entries 332755
Data
Simu

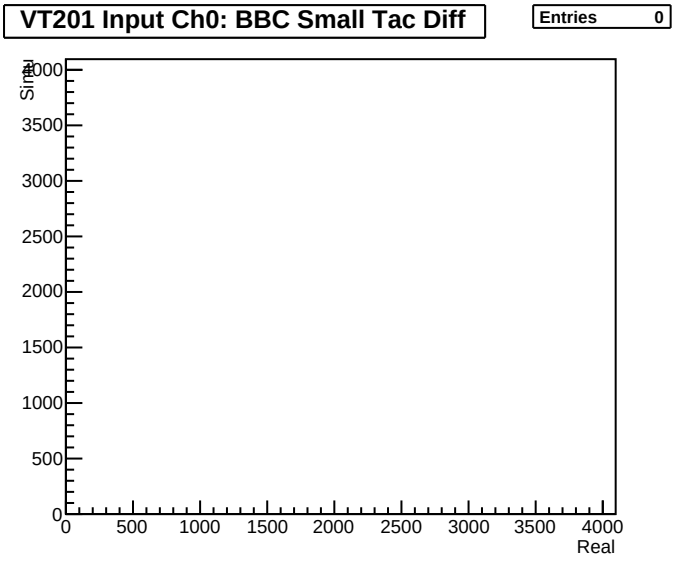

zdcWestTac
Entries2550949

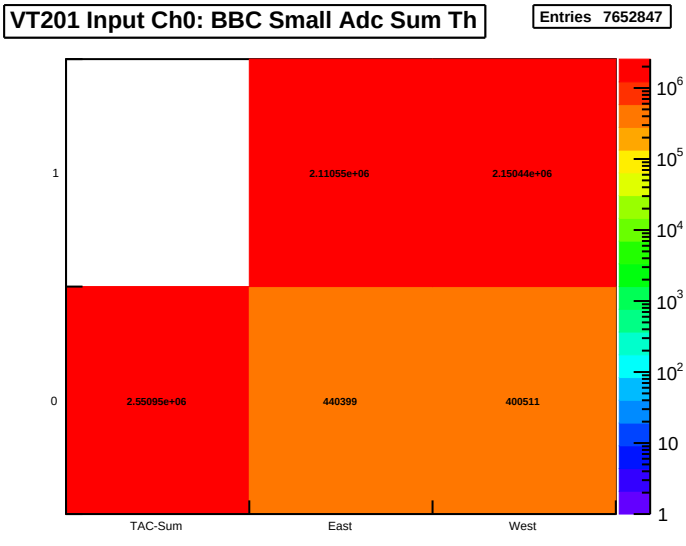

zdcWestTacVsSimu
Entries 238045
Data
Simu

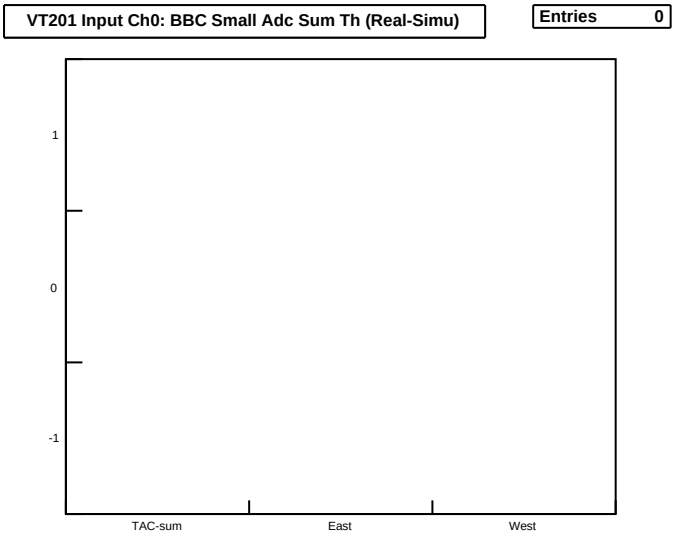

zdcAdcSum
Entries 3.061139e+07
277
106
246712
97749
365982
238
54
302548
119405
452934
2.55067e+06
2.55084e+06
2.55095e+06
2.30424e+06
2.4532e+06
2.18497e+06
2.55071e+06
2.5509e+06
2.55095e+06
2.2484e+06
2.43154e+06
2.09802e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

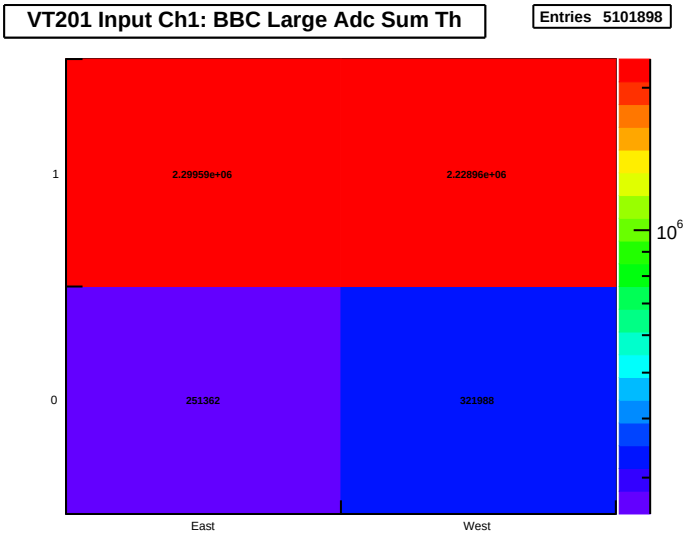

zdcAdcSumDiff
Entries 4405961
149
51
130481
51237
198862
138
37
189124
75981
28521
318813
318886
318941
203710
233728
110110
366150
366233
366250
252826
374366
247377
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

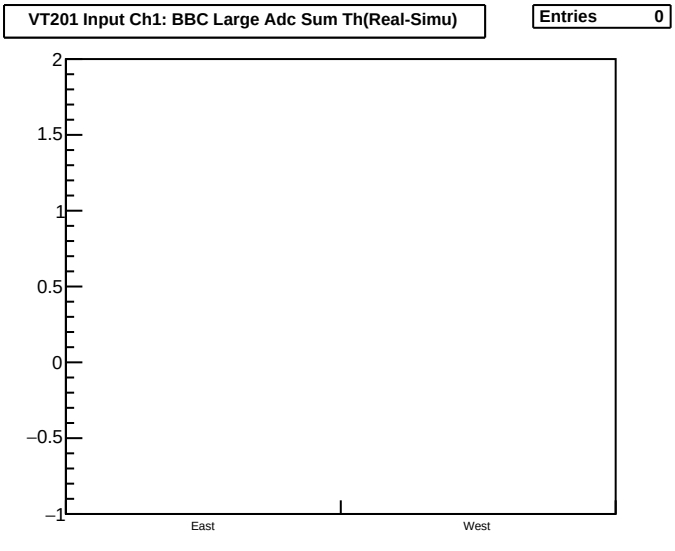

VT201 Input Ch0: BBC Small Tac Diff
Entries2550949
Tac


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

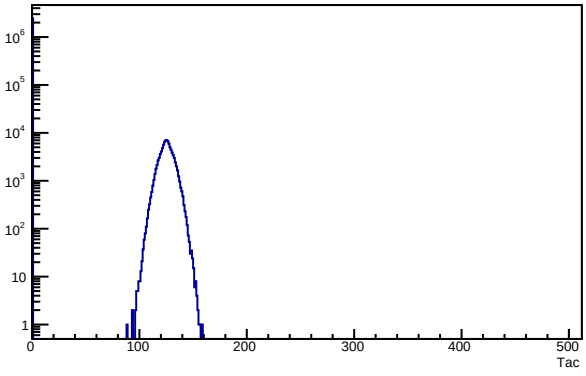

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7652847
2.11055e+06
2.15044e+06
2.55095e+06
440399
400511
TAC-Sum
East
West


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

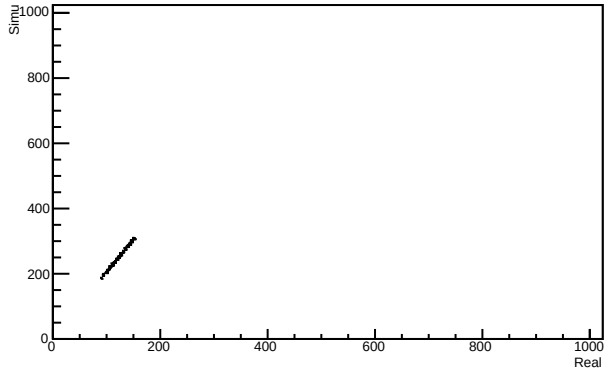

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5101898
2.29959e+06
2.22896e+06
251362
321988
East
West


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

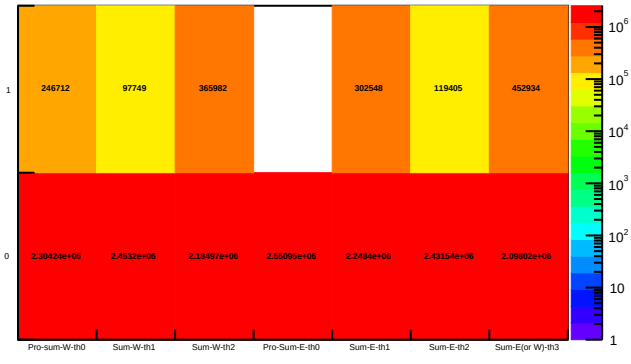
VT201 Input Ch2: ZDC Tac Diff



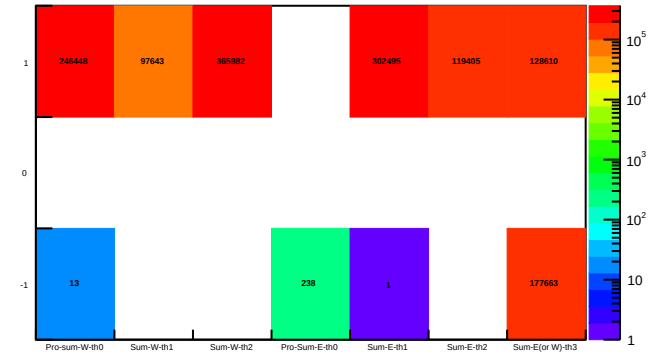
VT201 Input Ch2: ZDC Tac Diff



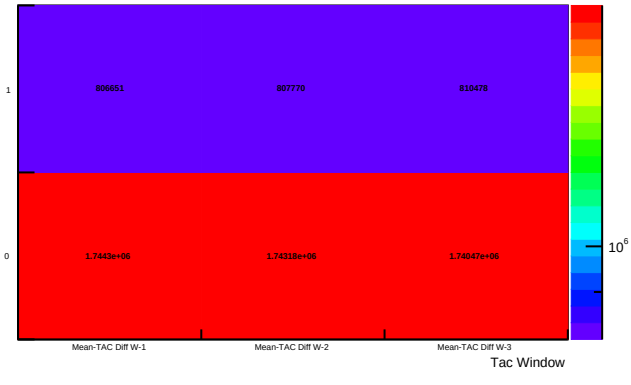
VT201 Input Ch2: ZDC Adc Sum Th



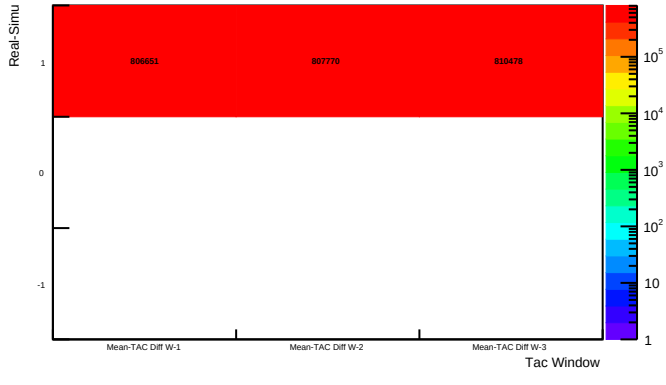
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



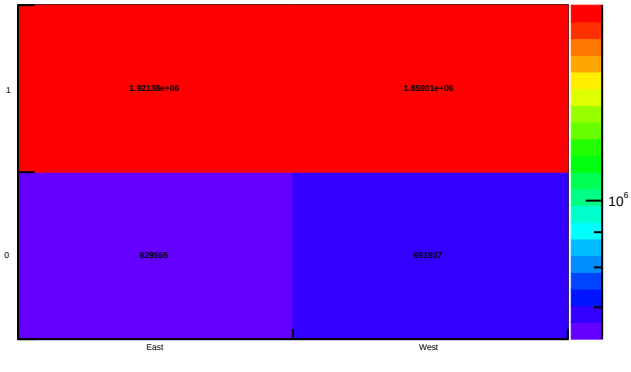
VT201 Input Ch4: VPD Tac Diff



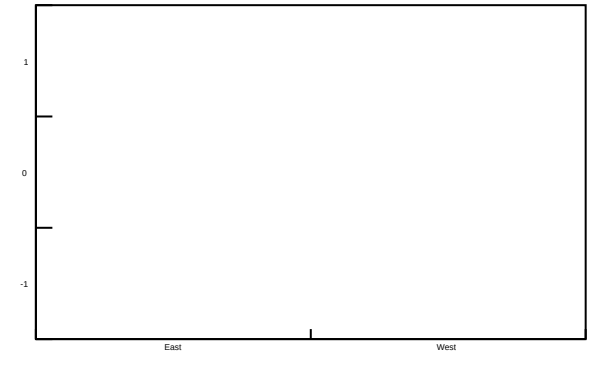
VT201 Input Ch4: VPD Tac Diff

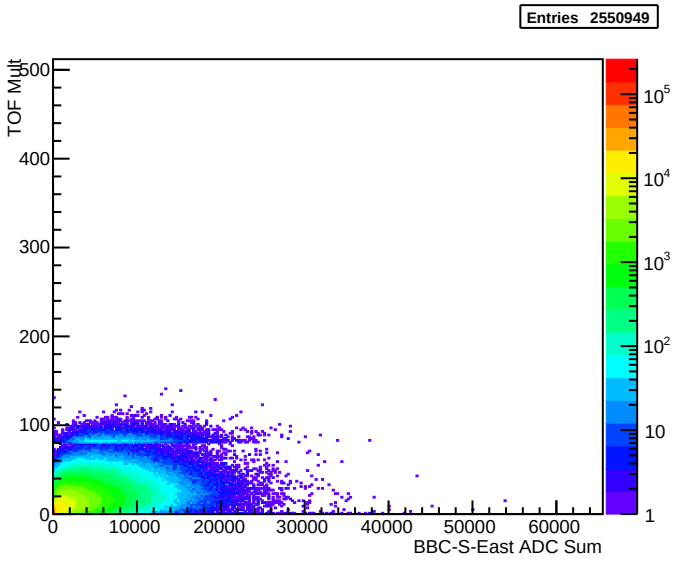


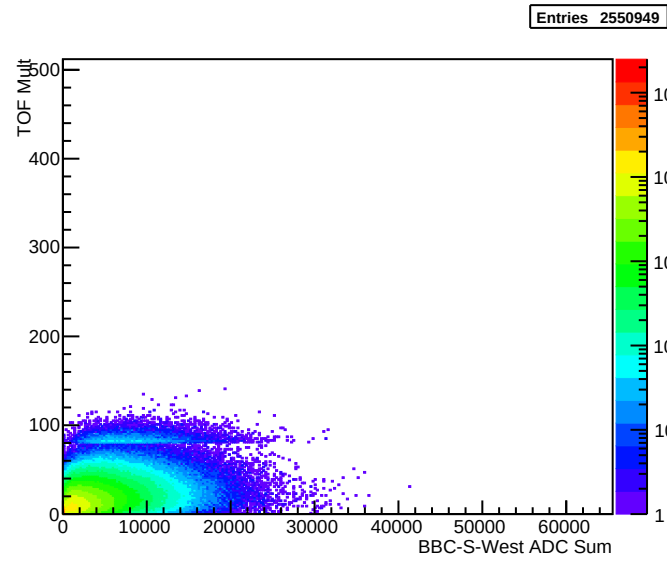
VT201 Input Ch4: VPD Adc Sum Th

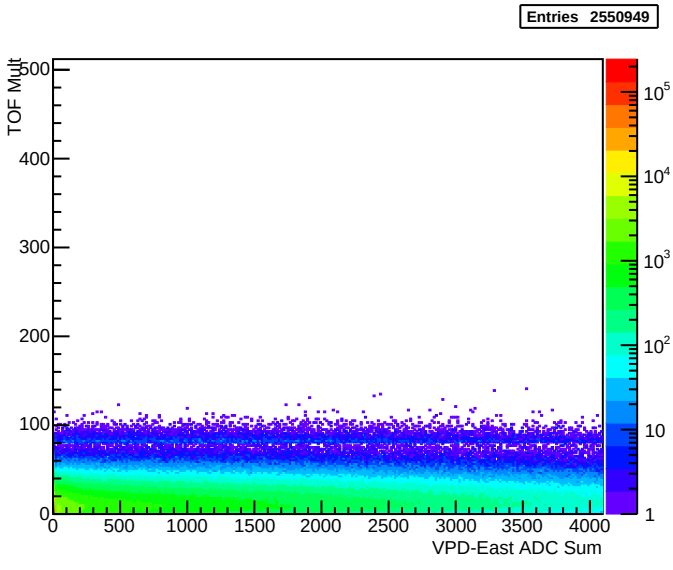


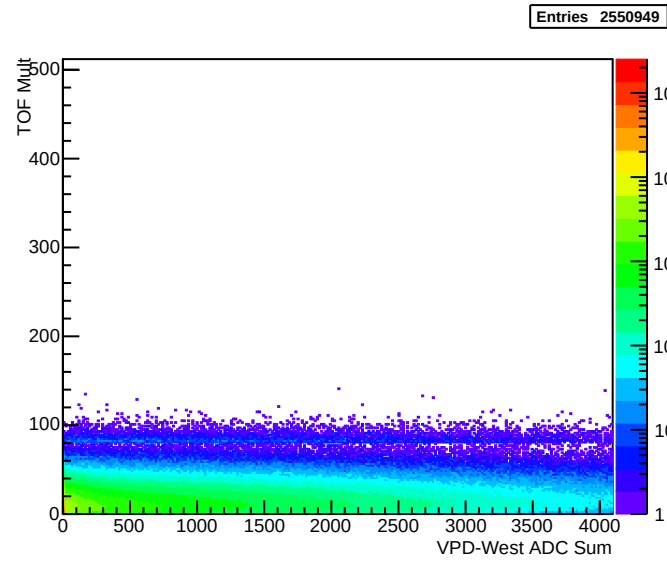
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

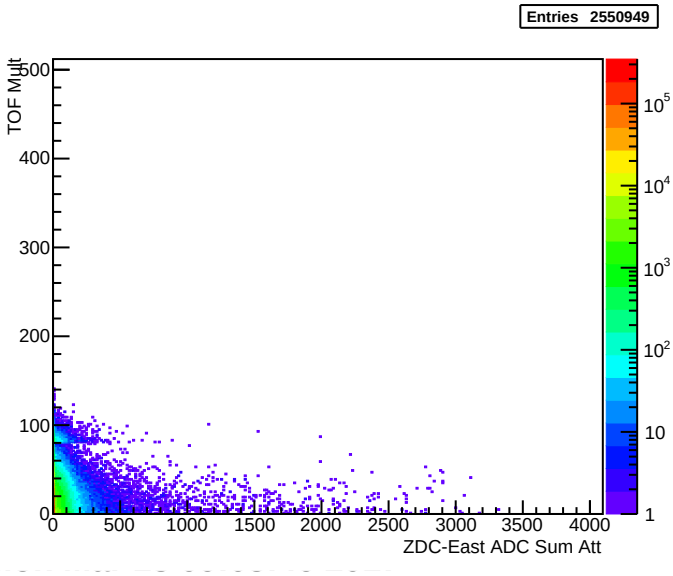


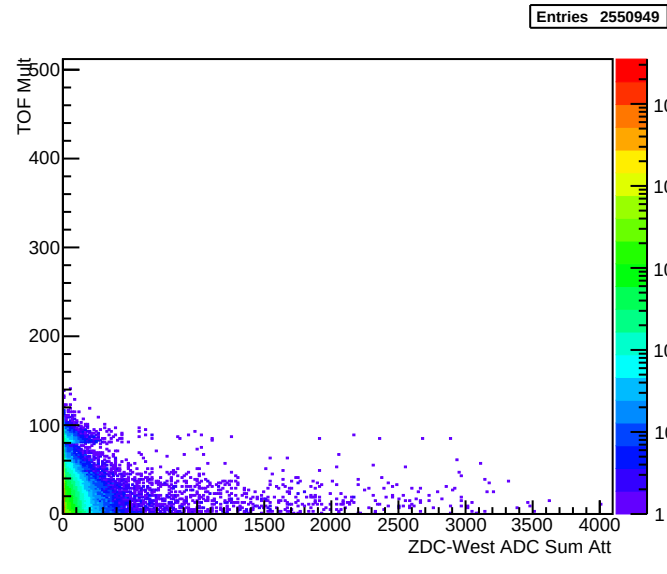

Entries 2550949
TOF Mult
BBC-S-East ADC Sum

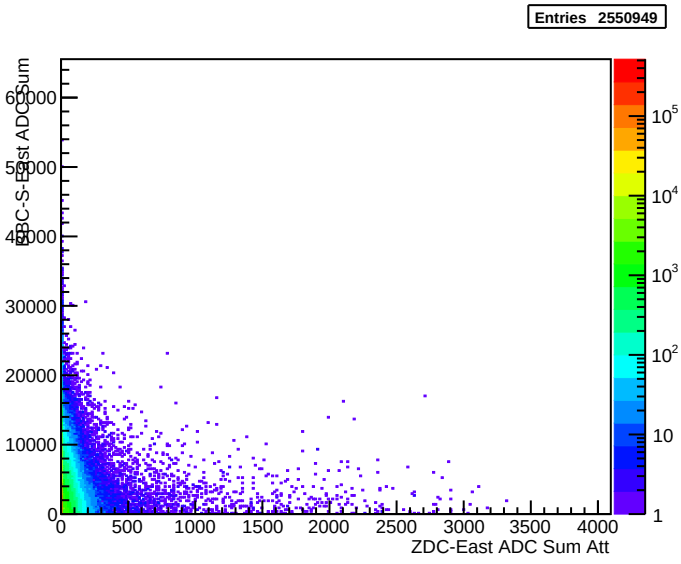

Entries 2550949
TOF Mult
BBC-S-West ADC Sum

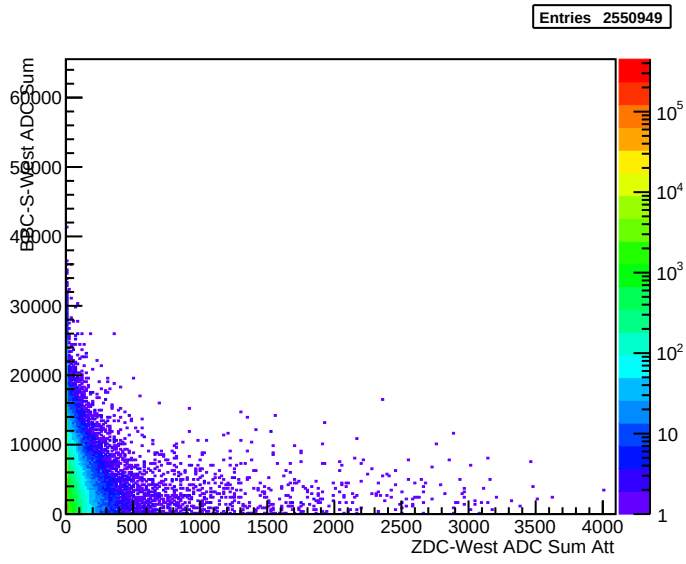

Entries 2550949
TOF Mult
VPD-East ADC Sum

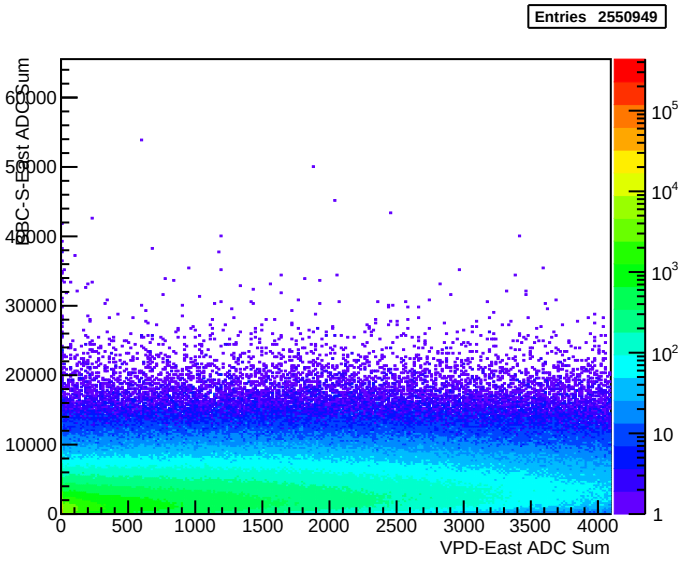

Entries 2550949
TOF Mult
VPD-West ADC Sum

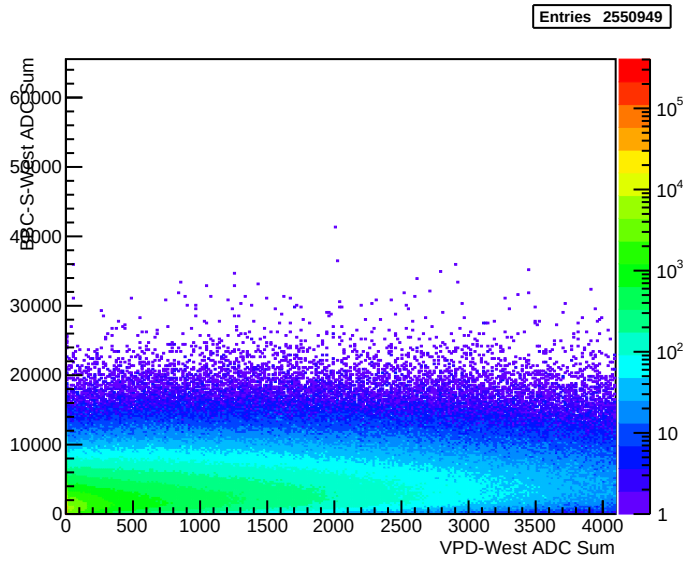

Entries 2550949
TOF Mult
ZDC-East ADC Sum Att

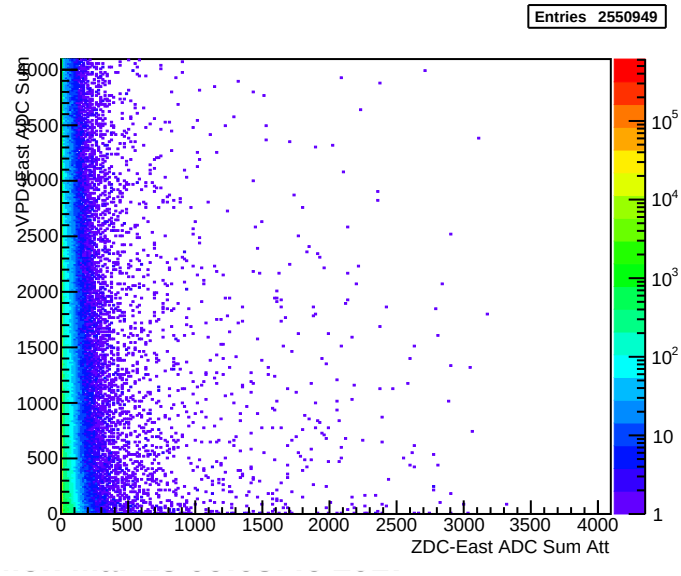

Entries 2550949
TOF Mult
ZDC-West ADC Sum Att

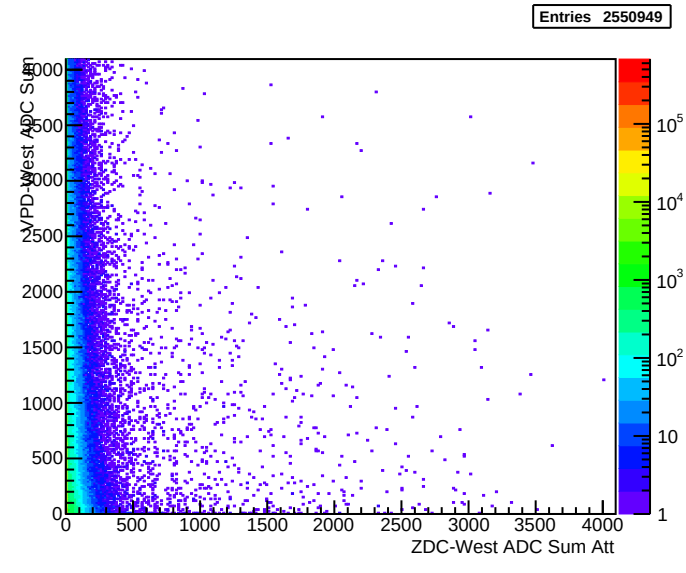

Entries 2550949
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

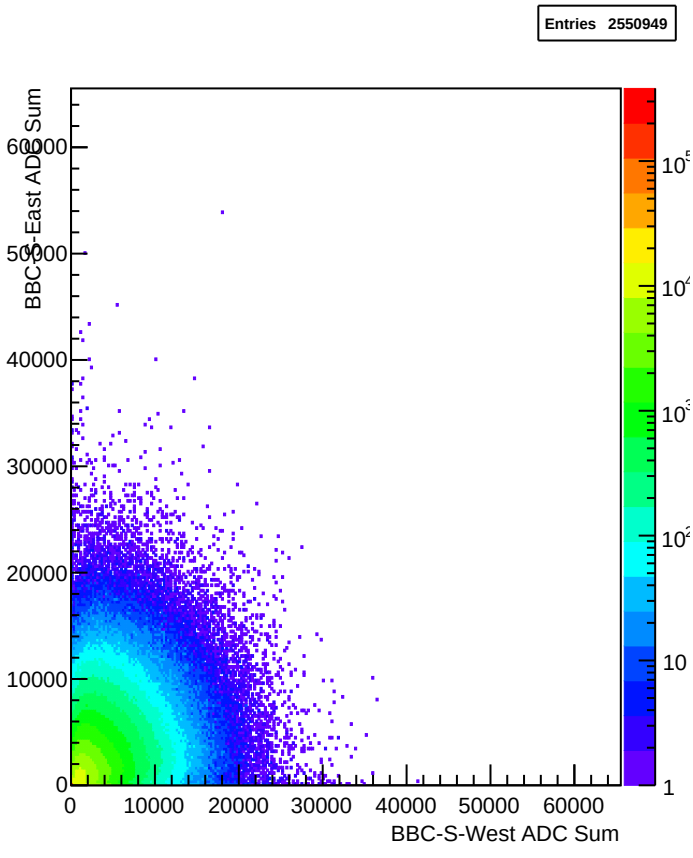

Entries 2550949
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

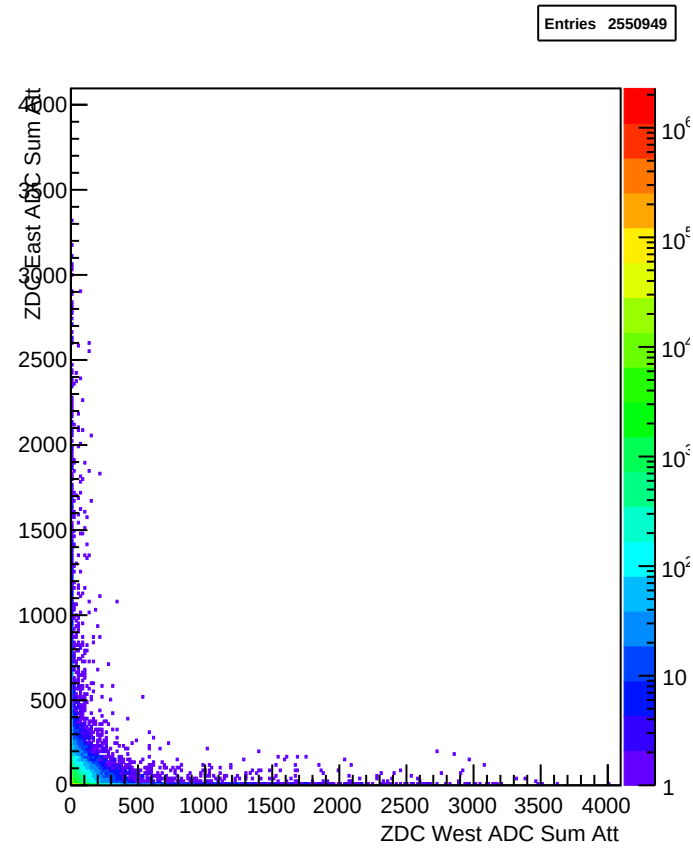

Entries 2550949
BBC-S-East ADC Sum
VPD-East ADC Sum

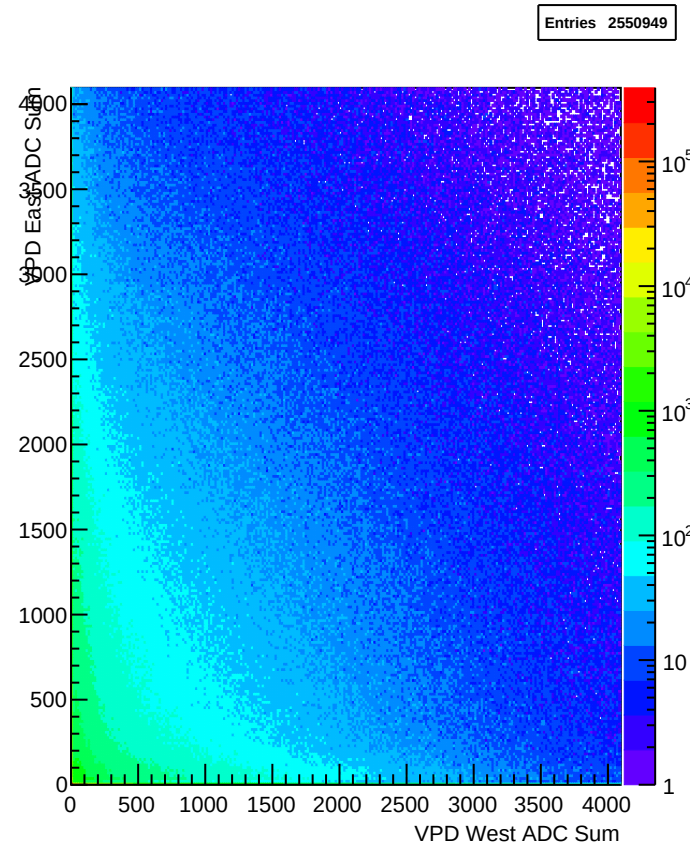

Entries 2550949
BBC-S-West ADC Sum
VPD-West ADC Sum

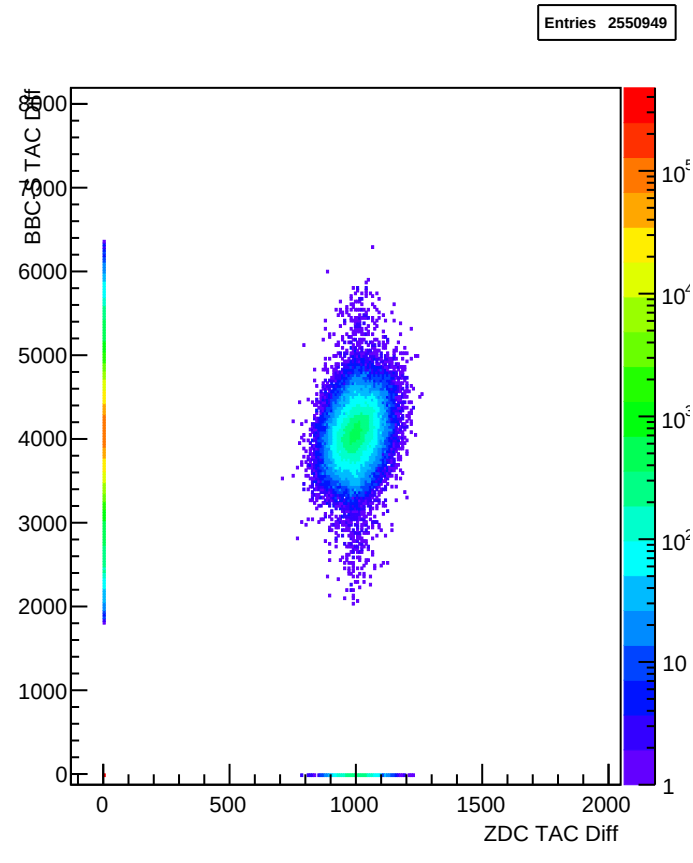

Entries 2550949
VPD-East ADC Sum
ZDC-East ADC Sum Att

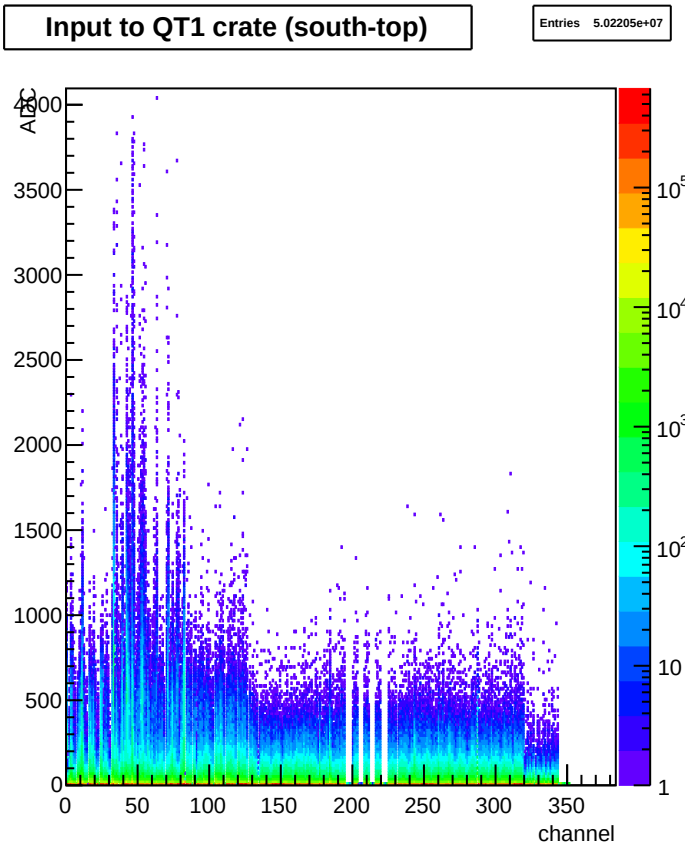

Entries 2550949
VPD-West ADC Sum
ZDC-West ADC Sum Att

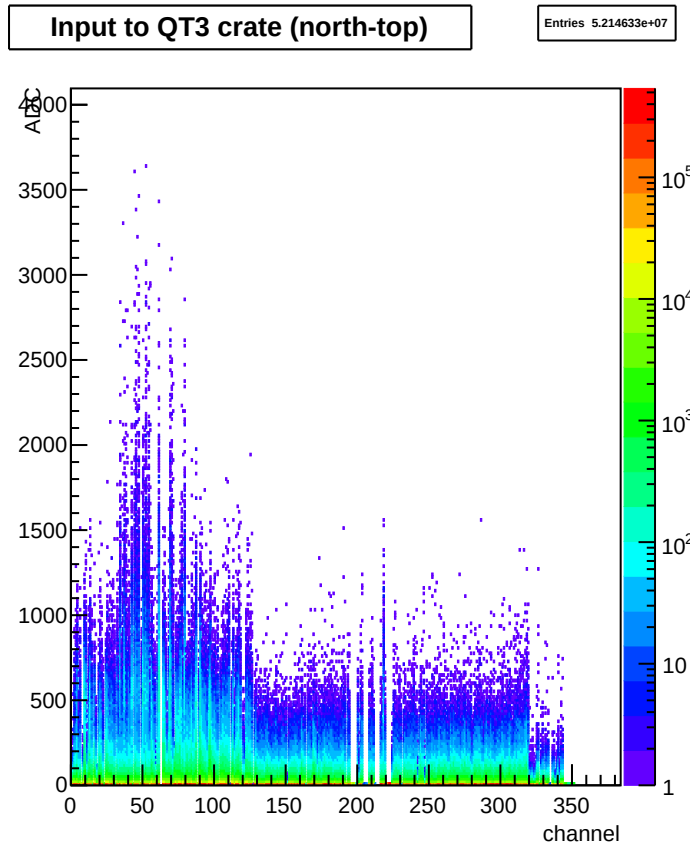

Entries 2550949
BBC-S-East ADC Sum
BBC-S-West ADC Sum

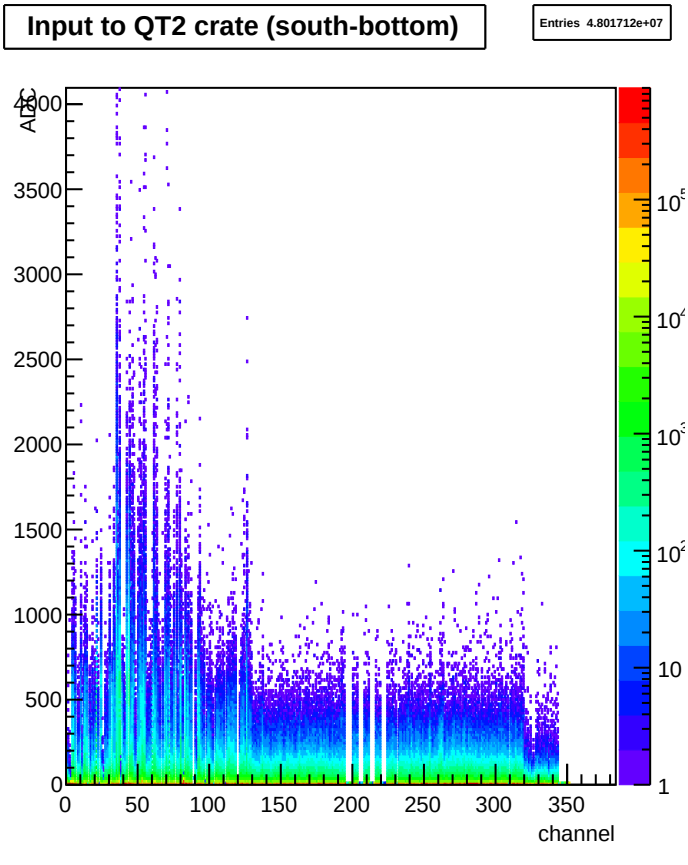

Entries 2550949
ZDC East ADC Sum Att
ZDC West ADC Sum Att

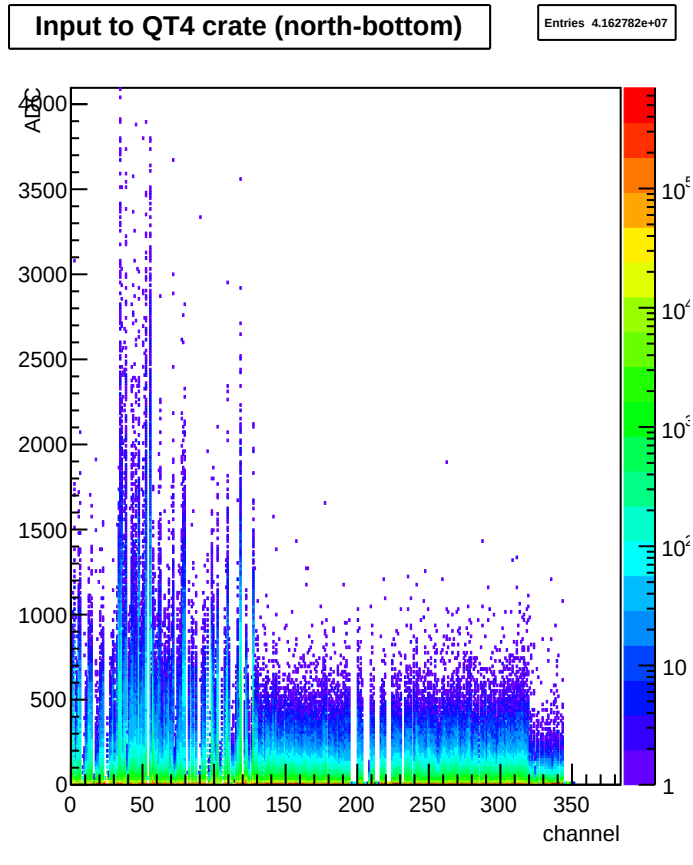

Entries 2550949
VPD East ADC Sum
VPD West ADC Sum

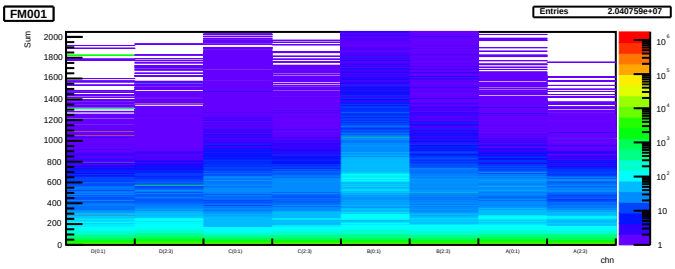

Entries 2550949
BBC-S TAC Diff
ZDC TAC Diff

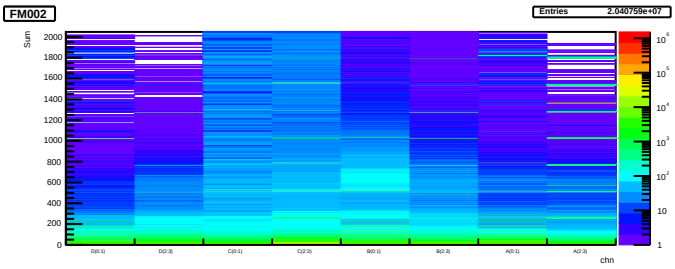

Input to QT1 crate (south-top)
Entries 5.02205e+07
ADC
channel

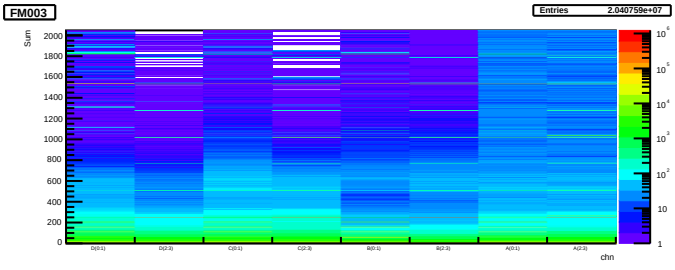

Input to QT3 crate (north-top)
Entries 5.214633e+07
ADC
channel

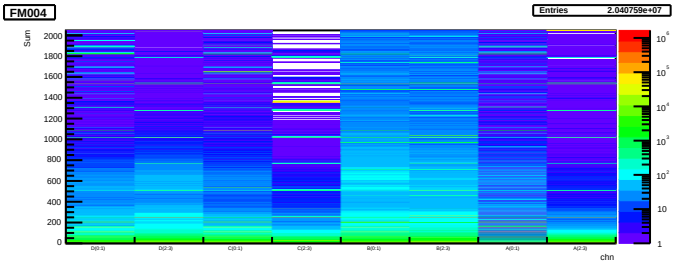

Input to QT2 crate (south-bottom)
Entries 4.801712e+07
ADC
channel

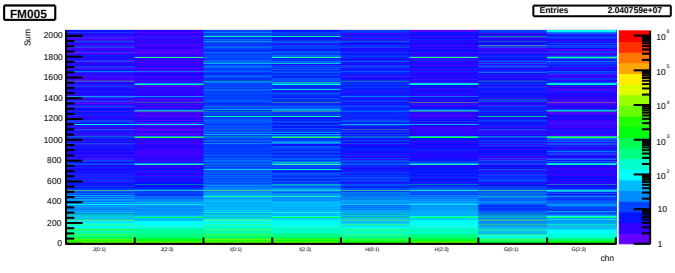

Input to QT4 crate (north-bottom)
Entries 4.162782e+07
ADC
channel

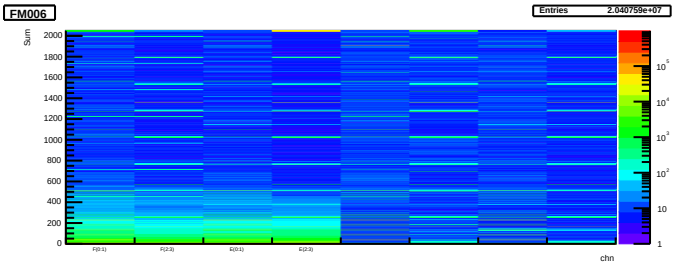

FM001
Entries 2.040759e+07
Sum
chn

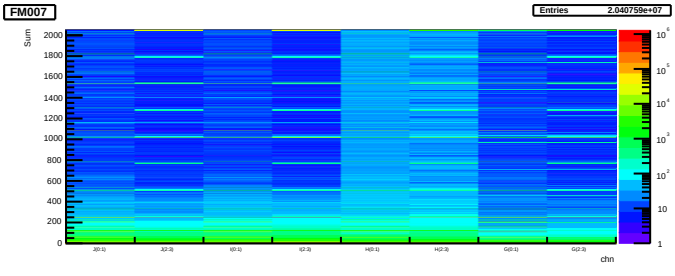

FM002
Entries 2.040759e+07
Sum
chn

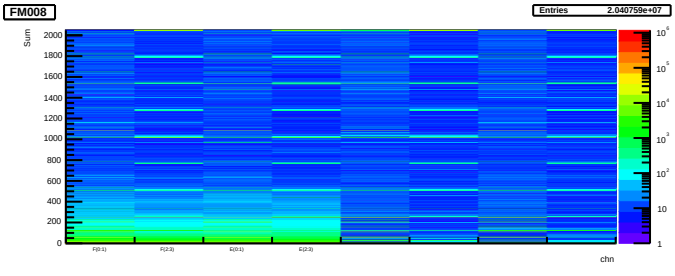

FM003
Entries 2.040759e+07
Sum
chn

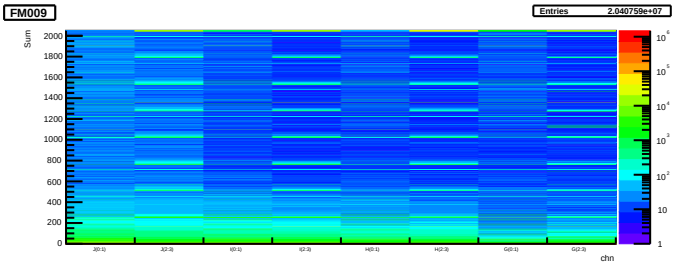

FM004
Entries 2.040759e+07
Sum
chn

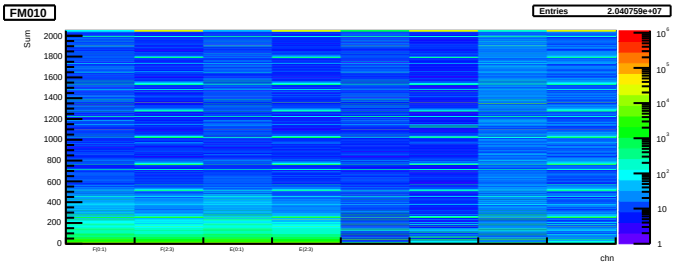

FM005
Entries 2.040759e+07
Sum
chn


FM006
Entries 2.040759e+07
Sum
chn


FM007
Entries 2.040759e+07
Sum
chn


FM008
Entries 2.040759e+07
Sum
chn


FM009
Entries 2.040759e+07
Sum
chn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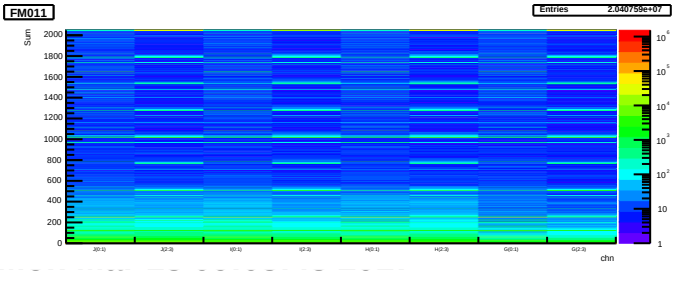
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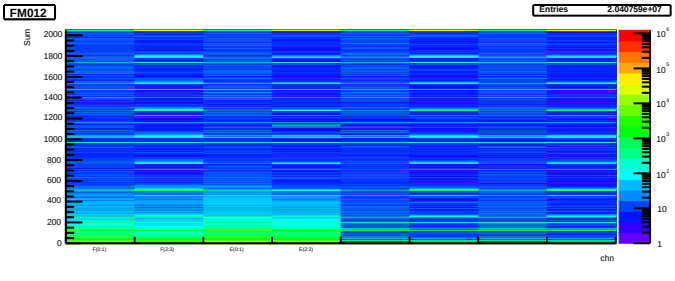
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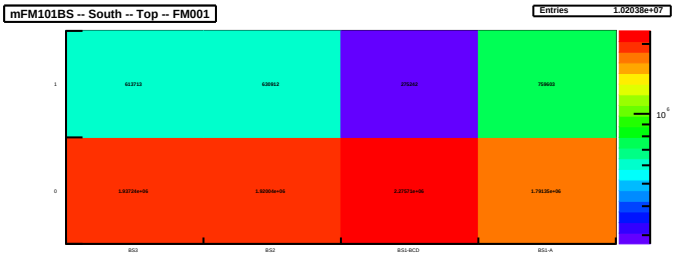
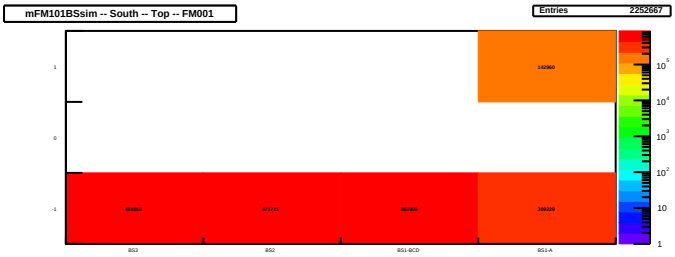

mFM101BS -- South -- Top -- FM001
Entries 1.02038e+07
BS3
BS2
BS1-BCD
BS1-A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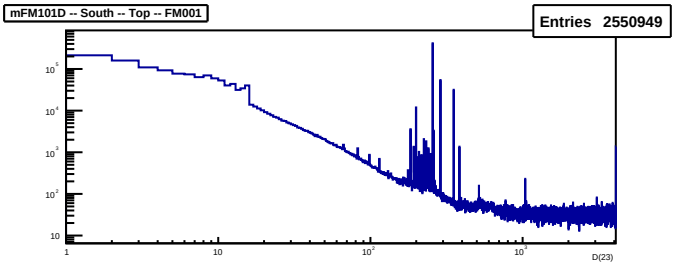
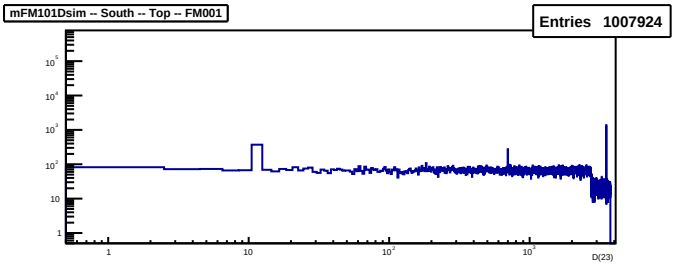
BS1-A


mFM101D -- South -- Top -- FM001
Entries 2550949
D(23)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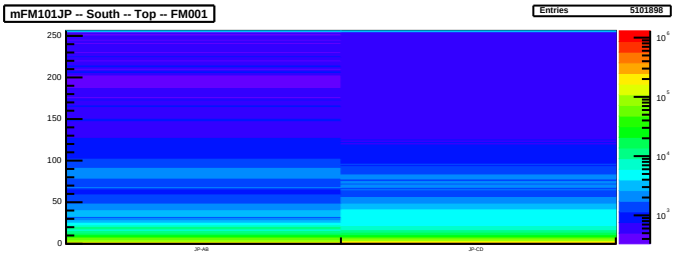
D(23)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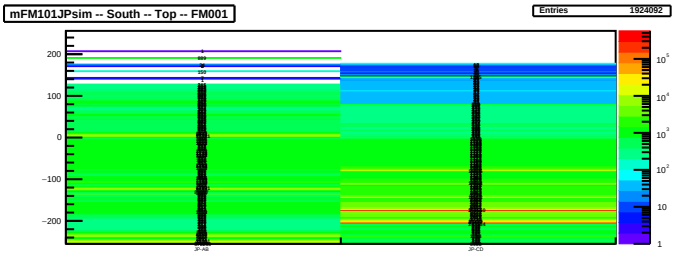
Entries 5101898
JP-AB
JP-CD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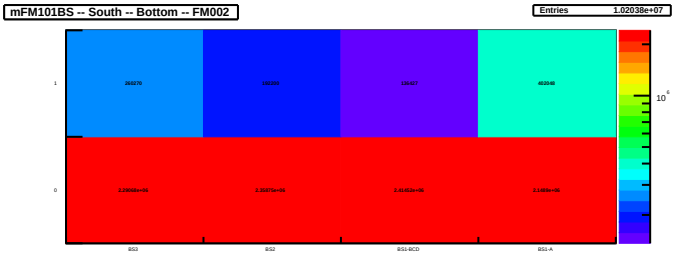
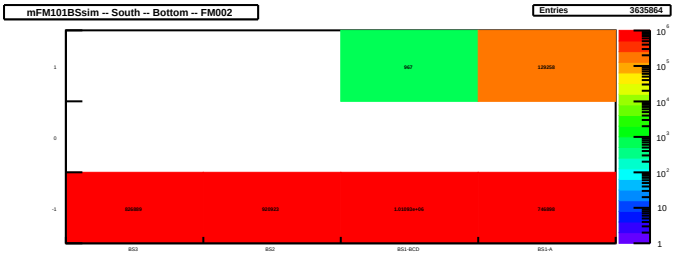
Entries 1924092
JP-AB
JP-CD


mFM101BS -- South -- Bottom -- FM002
Entries 1.02038e+07
BS3
BS2
BS1-BCD
BS1-A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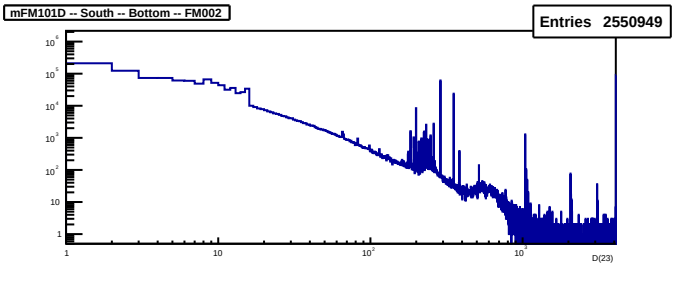
BS2
BS1-BCD
BS1-A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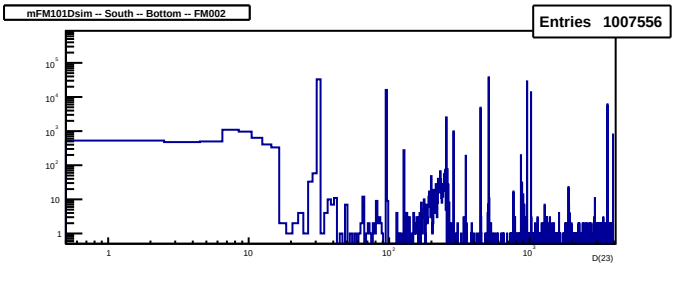
Entries 2550949
D(23)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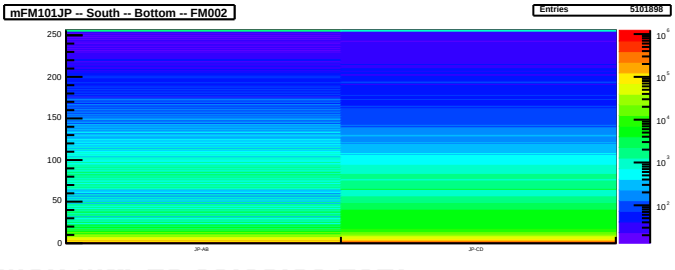
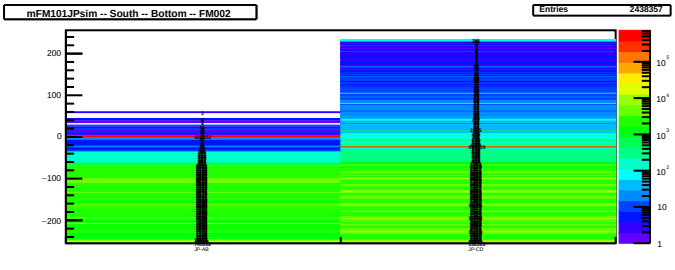
Entries 1007556
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 5101898
JP-AB
JP-CD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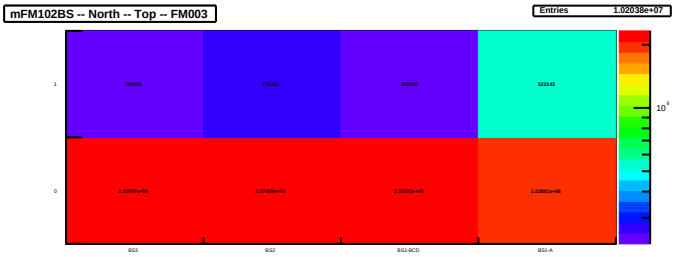
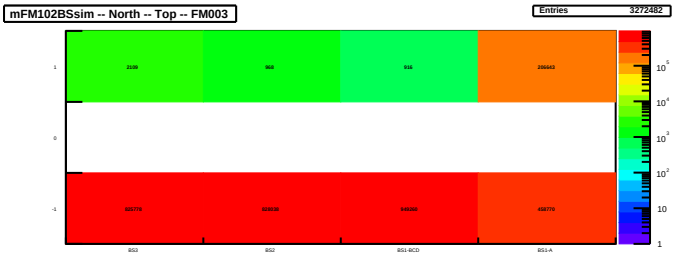
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.02038e+07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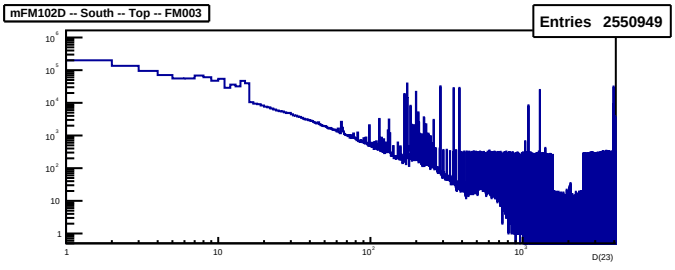
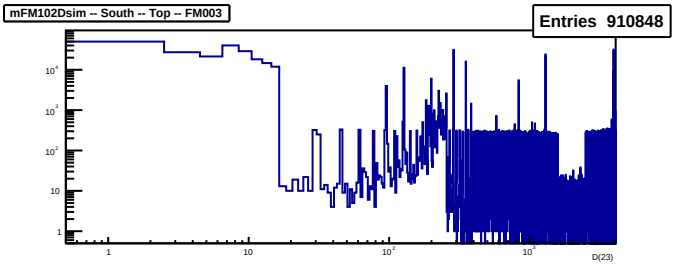

mFM102D -- South -- Top -- FM003
Entries 2550949
D(23)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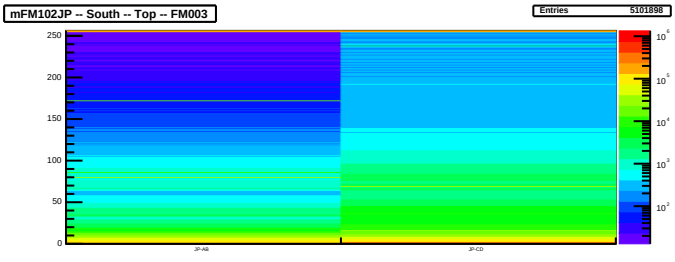
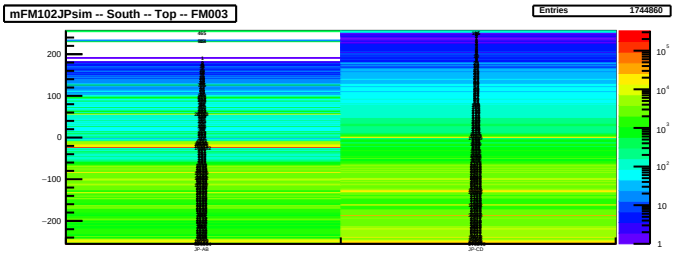
D(23)


mFM102JP -- South -- Top -- FM003
Entries 5101898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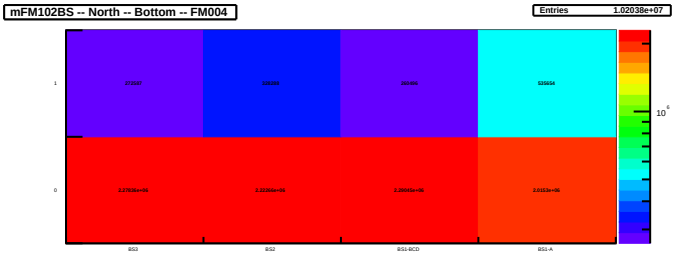
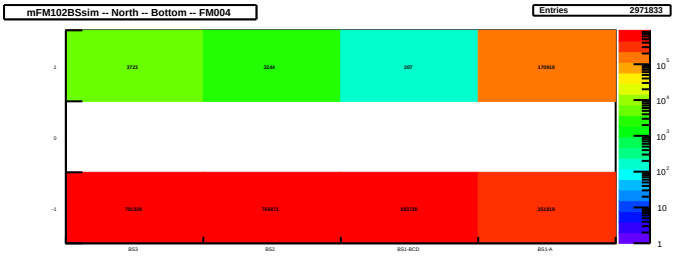

mFM102BS -- North -- Bottom -- FM004
Entries 1.02038e+07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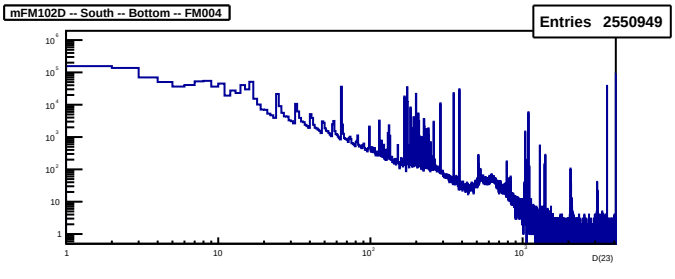
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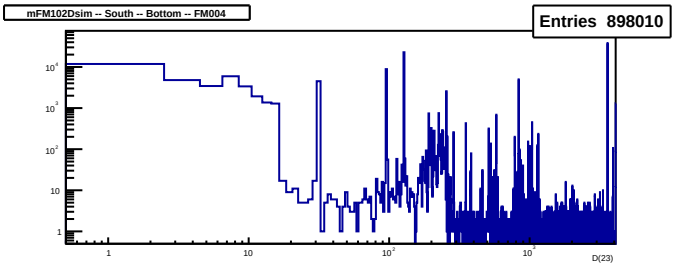
Entries 2550949
D(23)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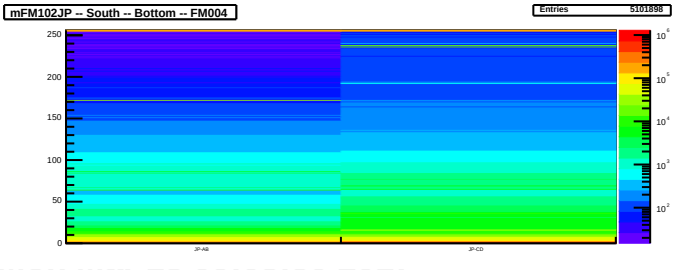
D(23)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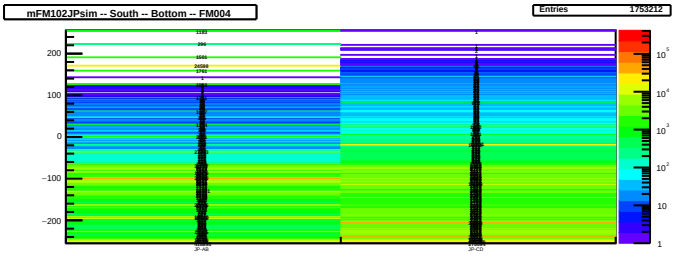
Entries 5101898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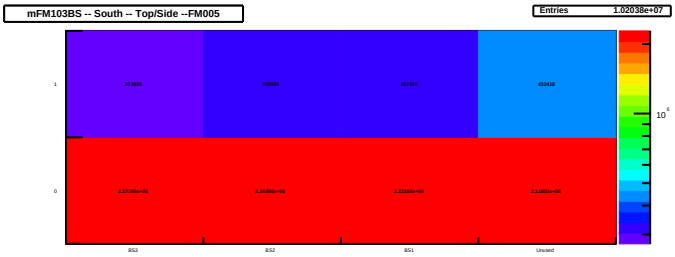
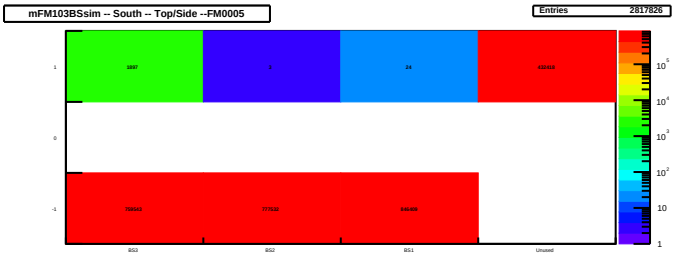

mFM103BS -- South -- Top/Side --FM005
Entries 1.02038e+07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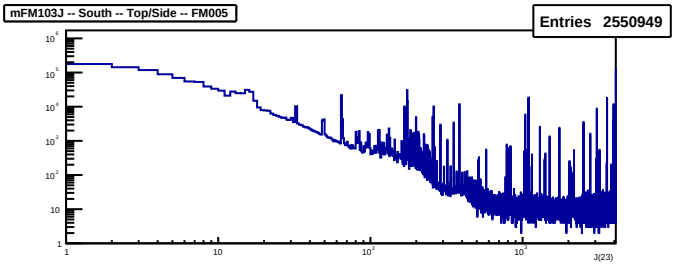
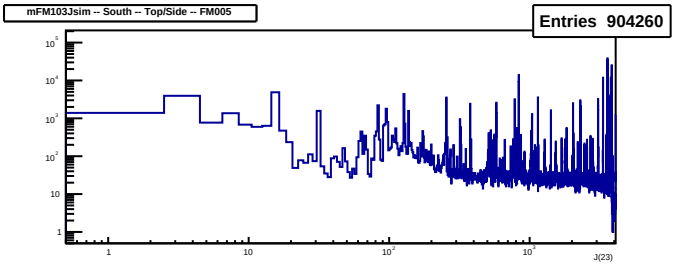

mFM103J -- South -- Top/Side -- FM005
Entries 2550949
J(23)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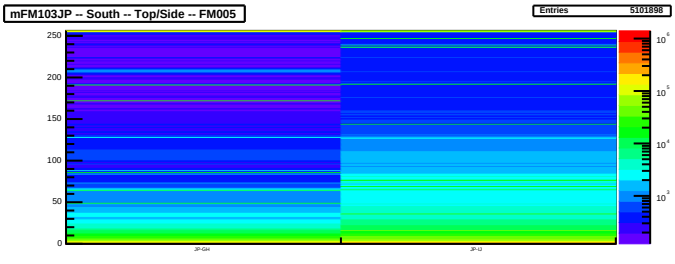
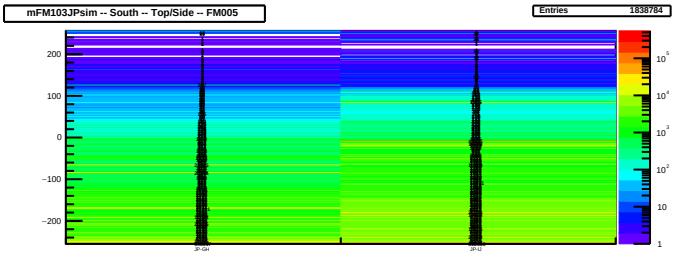
Entries 904260
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 5101898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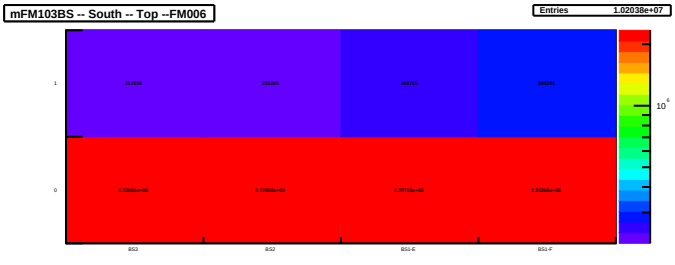
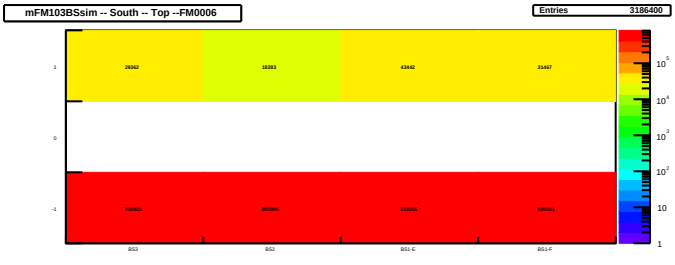

mFM103BS -- South -- Top --FM006
Entries 1.02038e+07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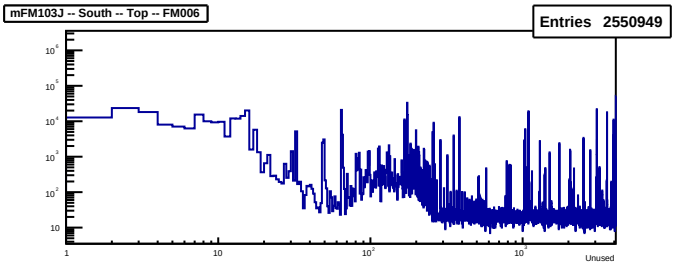
mFM103J -- South -- Top -- FM006
Entries 2550949
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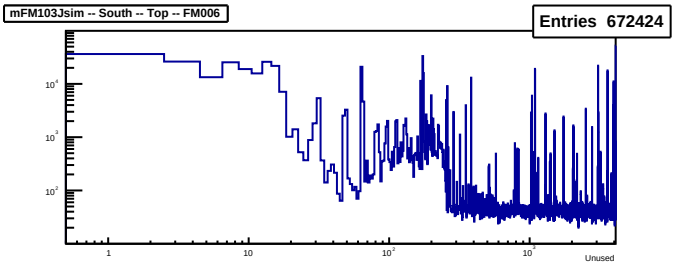
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Entries 672424
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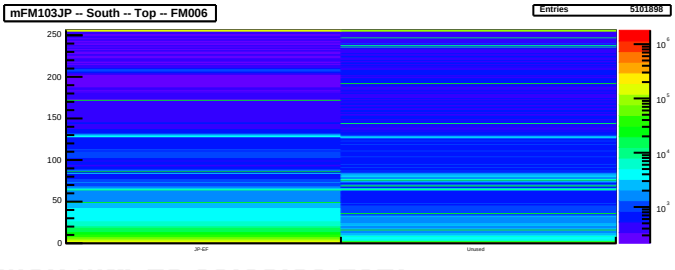
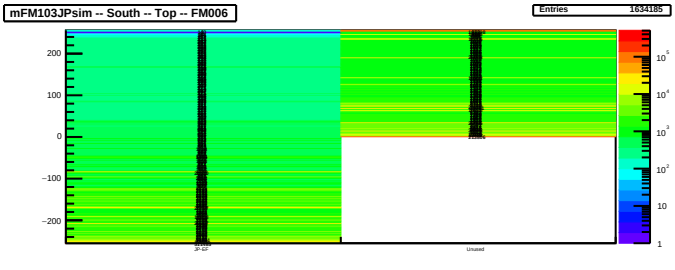

mFM103JP -- South -- Top -- FM006
Entries 5101898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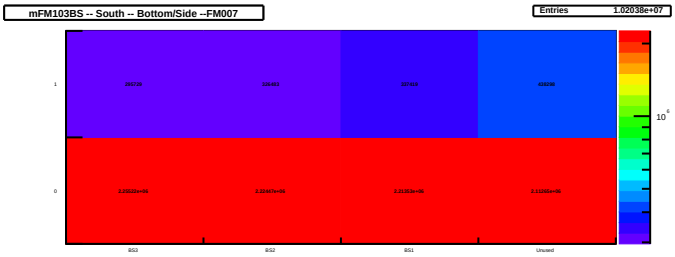
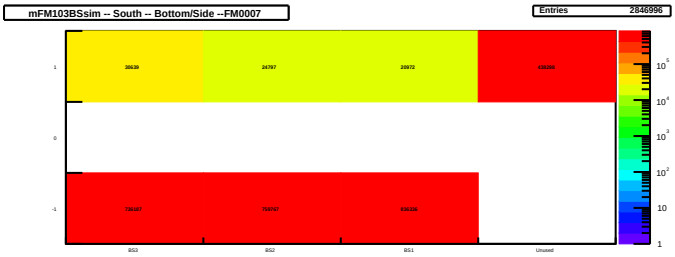

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.02038e+07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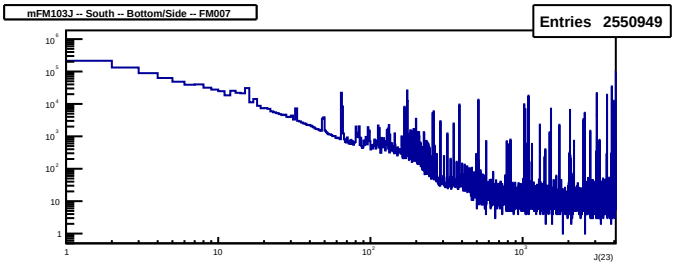
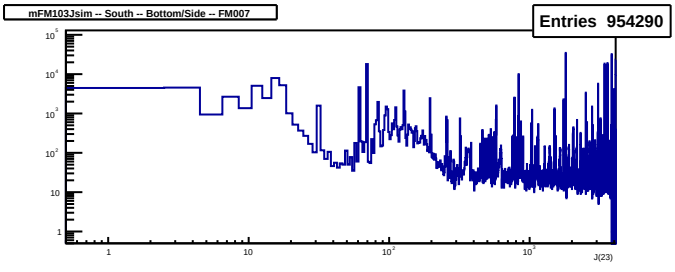

mFM103J -- South -- Bottom/Side -- FM007
Entries 2550949
J(23)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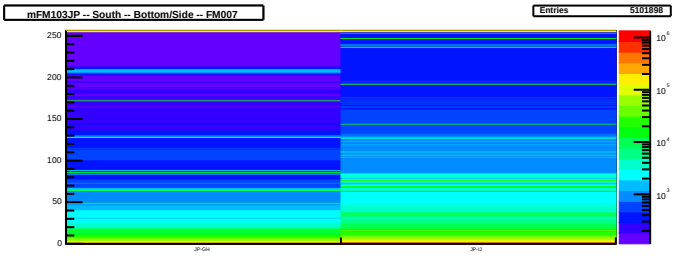
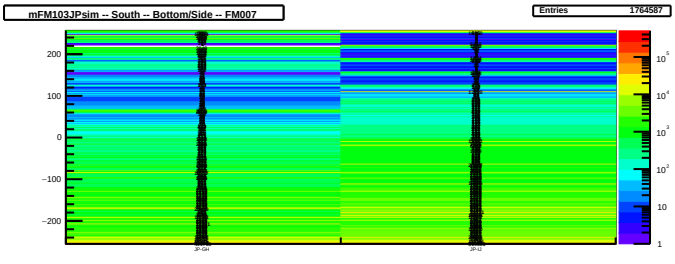
Entries 954290
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 5101898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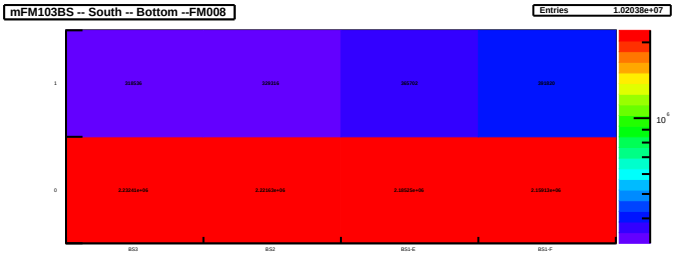
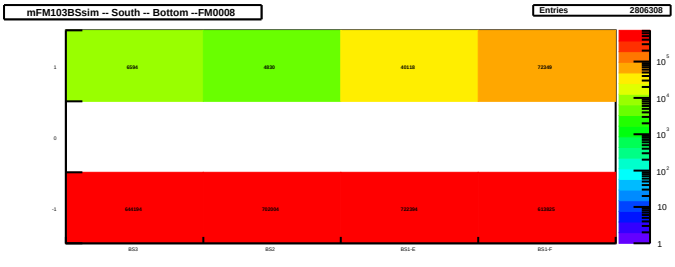

mFM103BS -- South -- Bottom --FM008
Entries 1.02038e+07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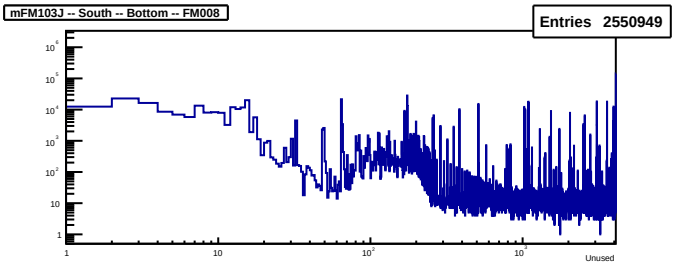
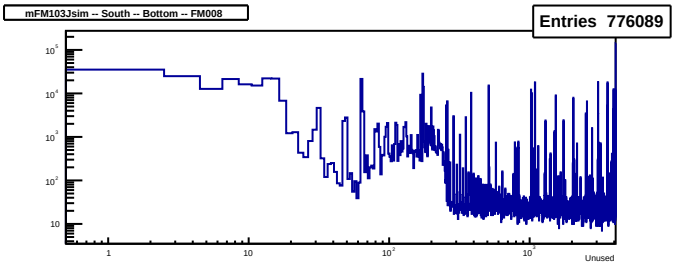
Entries 2806308


mFM103J -- South -- Bottom -- FM008
Entries 2550949
Unused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Entries 776089
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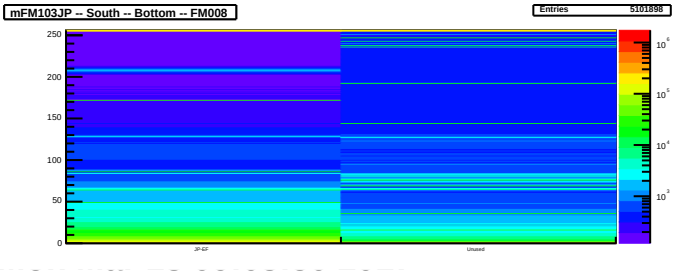
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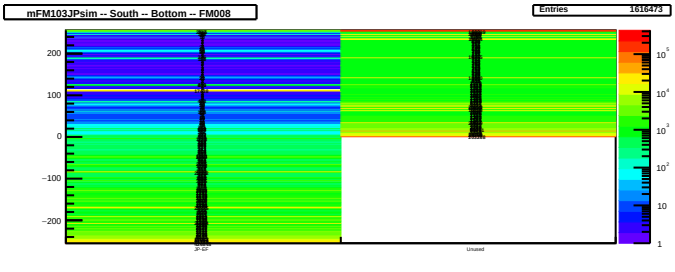
Entries 5101898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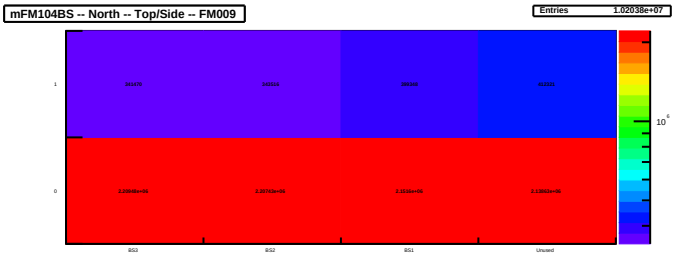
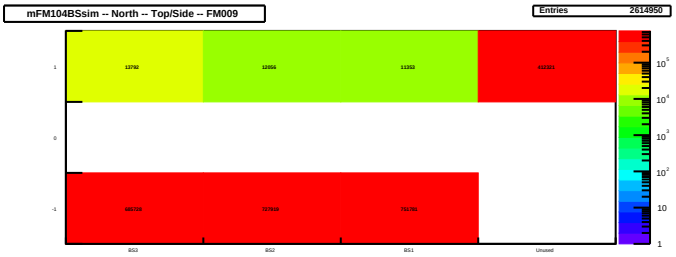
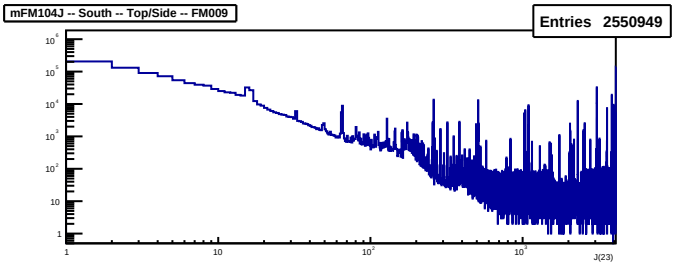
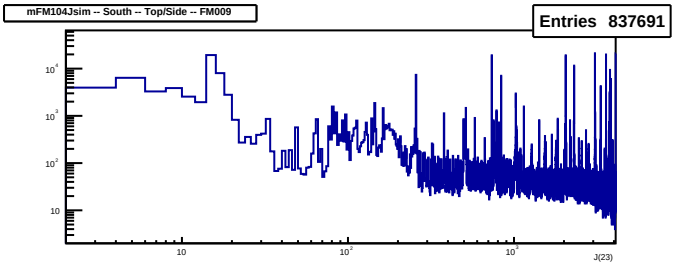
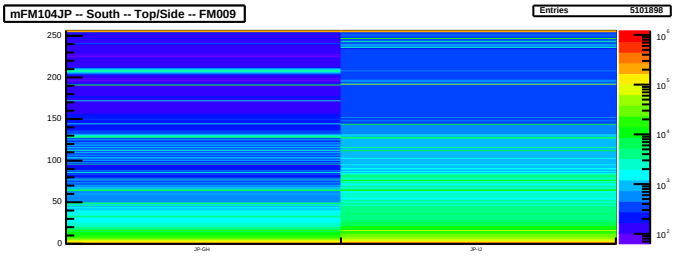
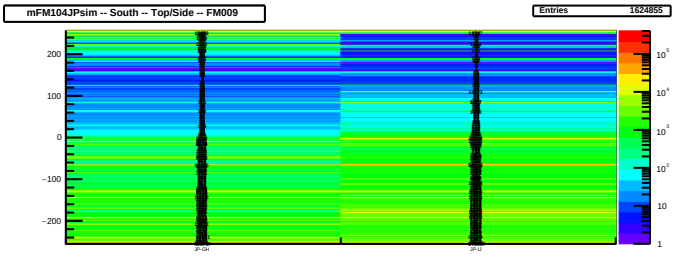

mFM104BS -- North -- Top/Side -- FM009
Entries 1.02038e+07

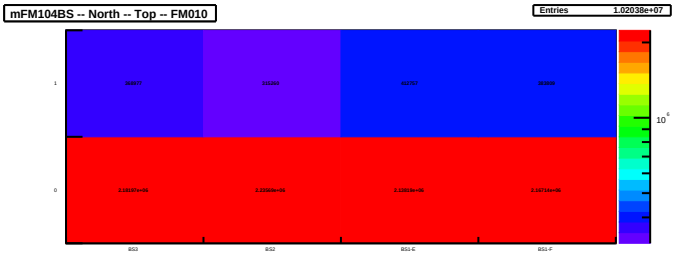

mFM104BSsim -- North -- Top/Side -- FM009
Entries 2614950

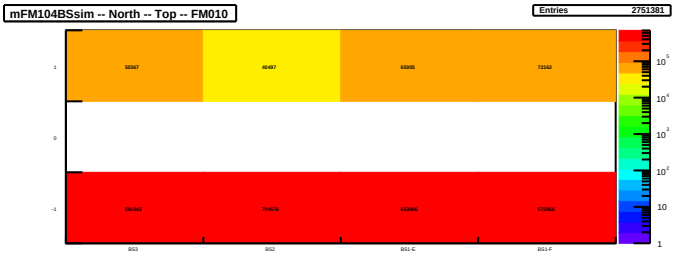

mFM104J -- South -- Top/Side -- FM009
Entries 2550949
J(23)

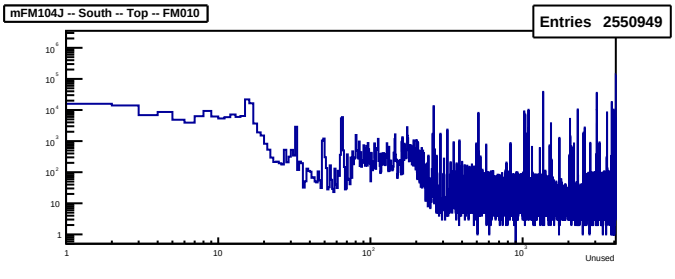

mFM104Jsim -- South -- Top/Side -- FM009
Entries 837691
J(23)

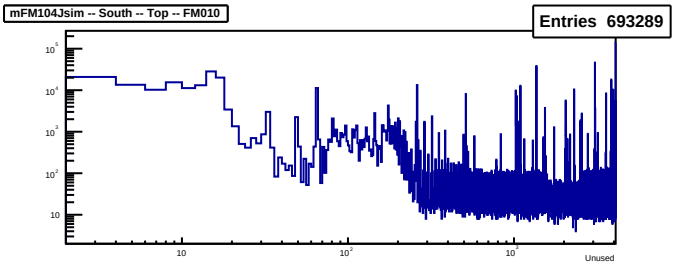

mFM104JP -- South -- Top/Side -- FM009
Entries 5101898

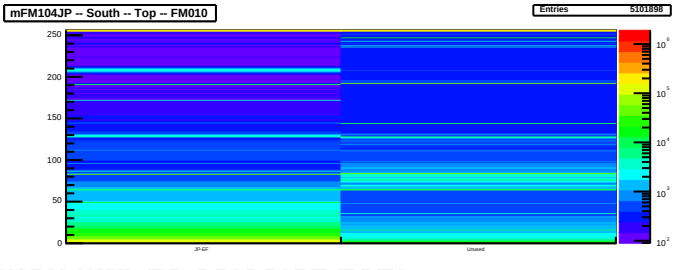

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1624855

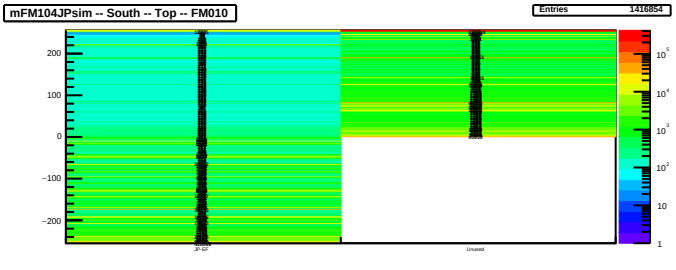

mFM104BS -- North -- Top -- FM010
Entries 1.02038e+07

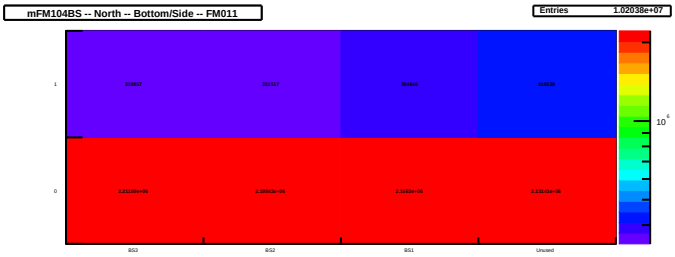

mFM104BSsim -- North -- Top -- FM010
Entries 2751381

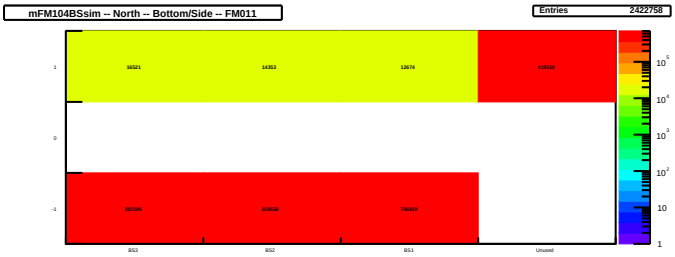

mFM104J -- South -- Top -- FM010
Entries 2550949
Unused

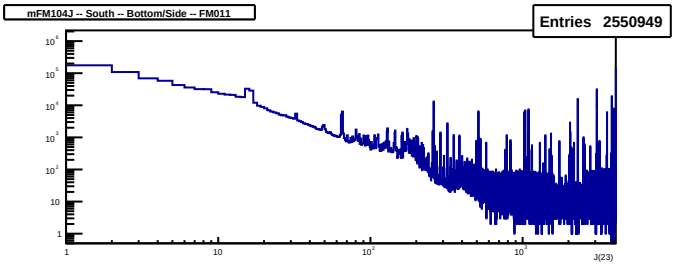

mFM104Jsim -- South -- Top -- FM010
Entries 693289
Unused

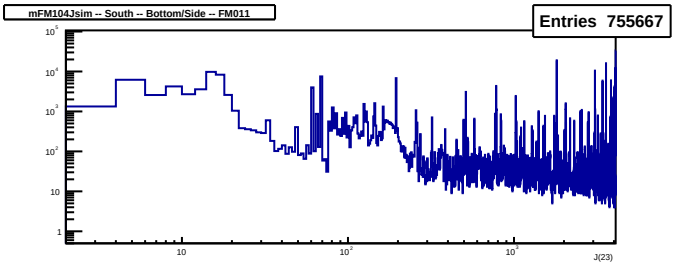

mFM104JP -- South -- Top -- FM010
Entries 5101898

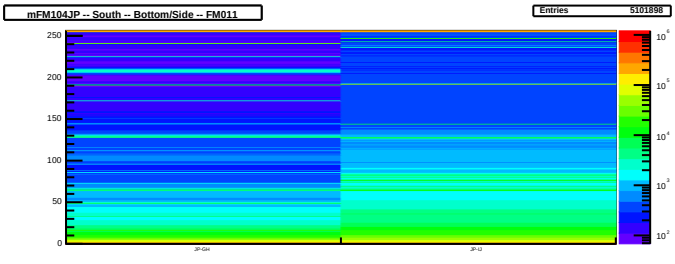

mFM104JPsim -- South -- Top -- FM010
Entries 1416854

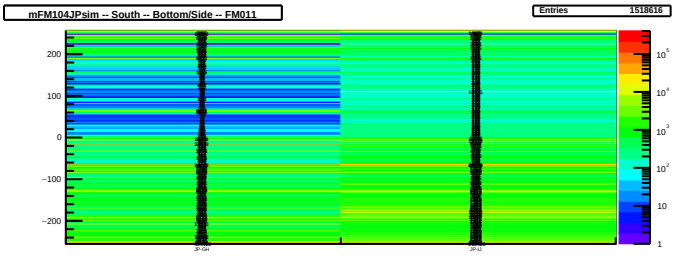

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.02038e+07

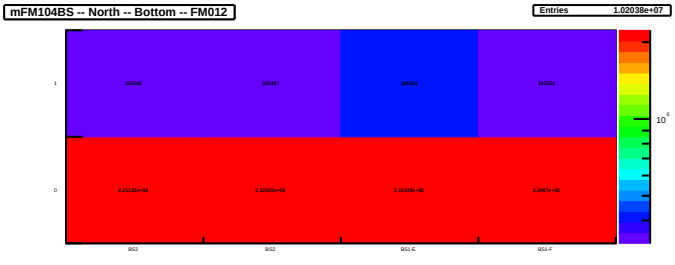

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2422758

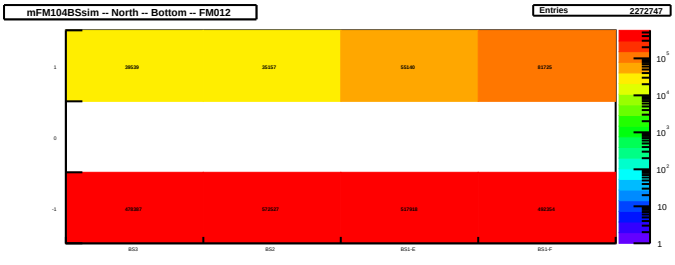

mFM104J -- South -- Bottom/Side -- FM011
Entries 2550949
J(23)

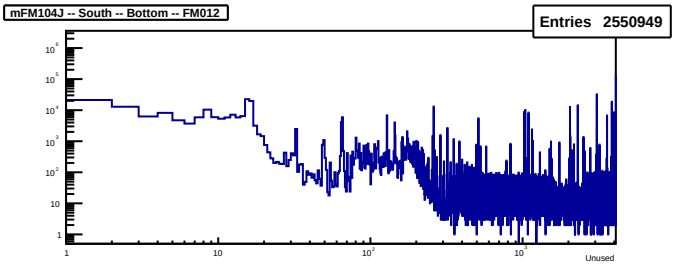

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 755667
J(23)

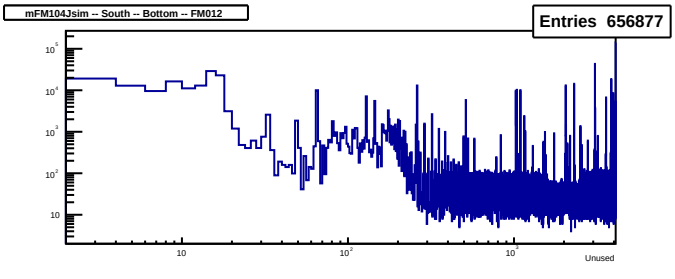

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5101898

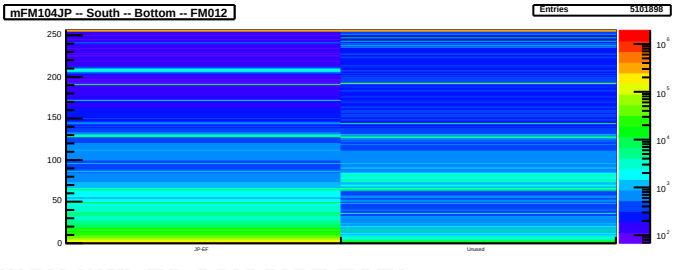

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1518616

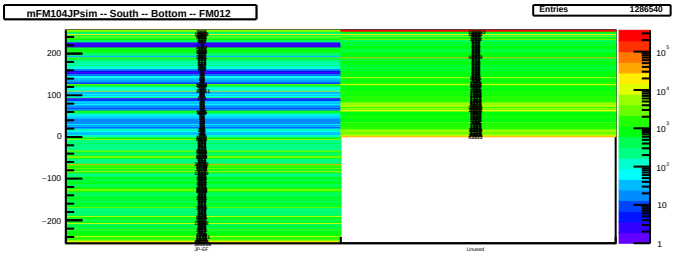

mFM104BS -- North -- Bottom -- FM012
Entries 1.02038e+07

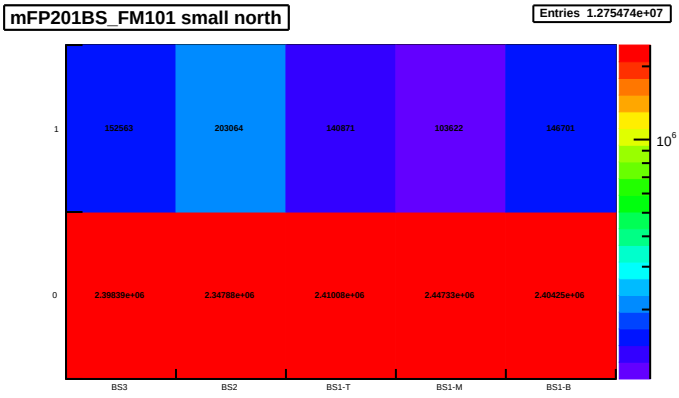

mFM104BSsim -- North -- Bottom -- FM012
Entries 2272747

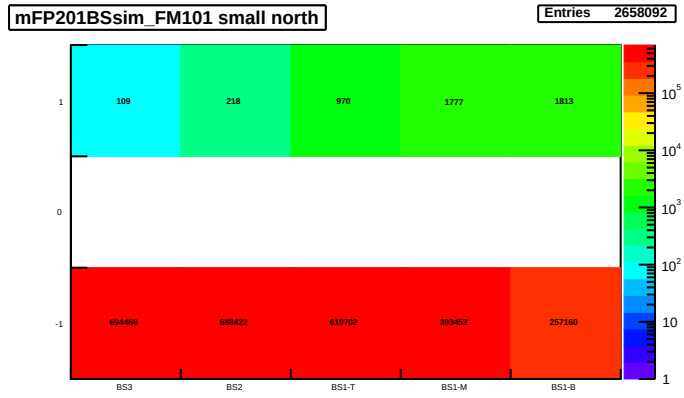

mFM104J -- South -- Bottom -- FM012
Entries 2550949
Unused

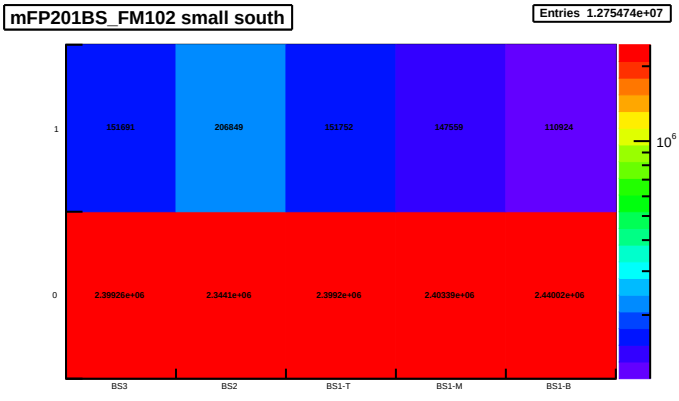

mFM104Jsim -- South -- Bottom -- FM012
Entries 656877
Unused

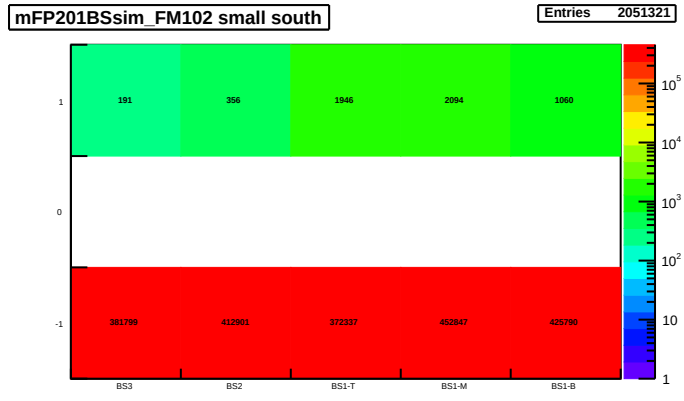

mFM104JP -- South -- Bottom -- FM012
Entries 5101898

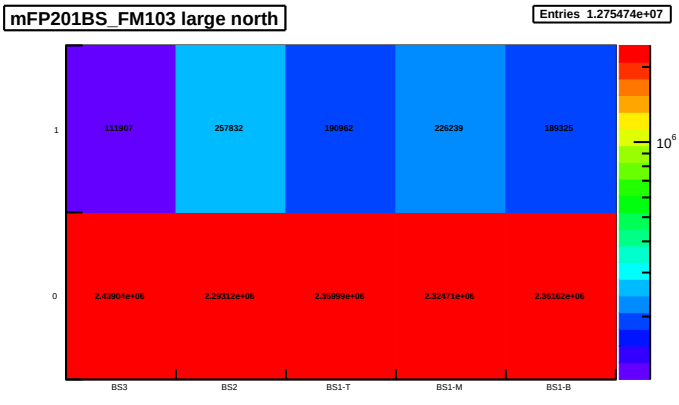

mFM104JPsim -- South -- Bottom -- FM012
Entries 1286540

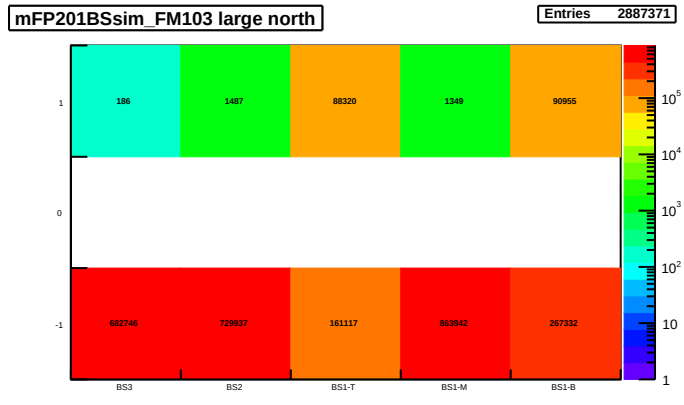

mFP201BS_FM101 small north
Entries 1.275474e+07
152563
203064
140871
103622
146701
2.39839e+06
2.34788e+06
2.41008e+06
2.44733e+06
2.40425e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

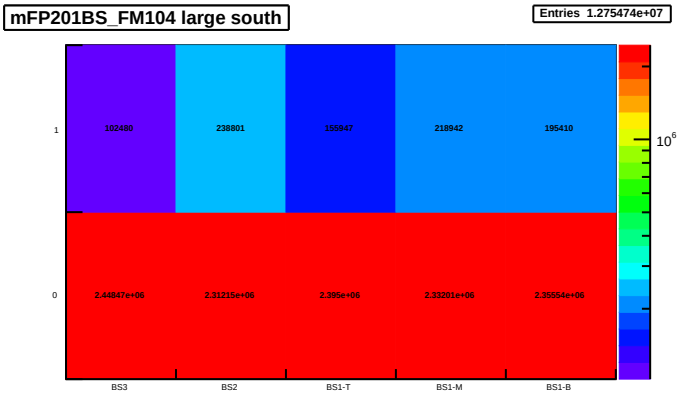

mFP201BSsim_FM101 small north
Entries 2658092
109
218
970
1777
1813
694469
688422
619702
393452
257160
BS3
BS2
BS1-T
BS1-M
BS1-B

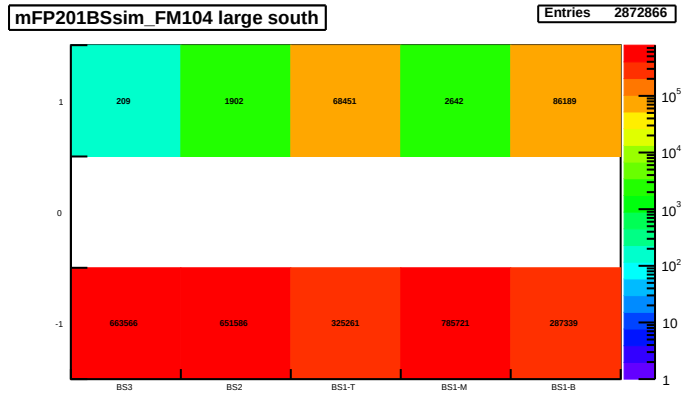

mFP201BS_FM102 small south
Entries 1.275474e+07
151691
206849
151752
147559
110924
2.39926e+06
2.3441e+06
2.3992e+06
2.40339e+06
2.44002e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

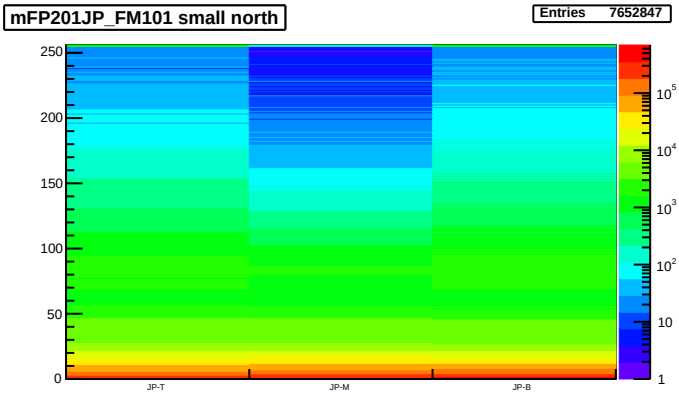

mFP201BSsim_FM102 small south
Entries 2051321
191
356
1946
2094
1060
381799
412901
372337
452847
425790
BS3
BS2
BS1-T
BS1-M
BS1-B

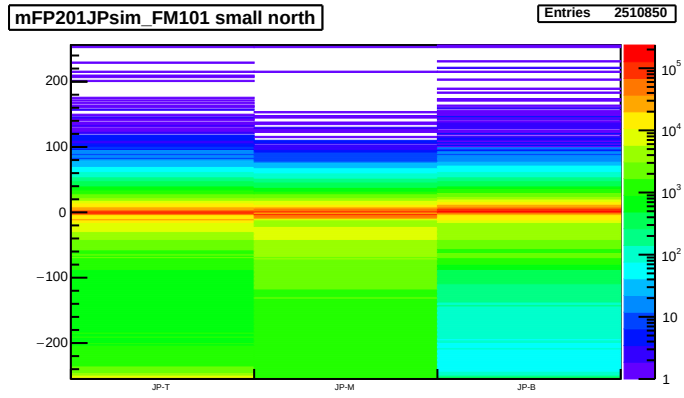

mFP201BS_FM103 large north
Entries 1.275474e+07
111907
257832
190962
226239
189325
2.43904e+06
2.29312e+06
2.35999e+06
2.32471e+06
2.36162e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

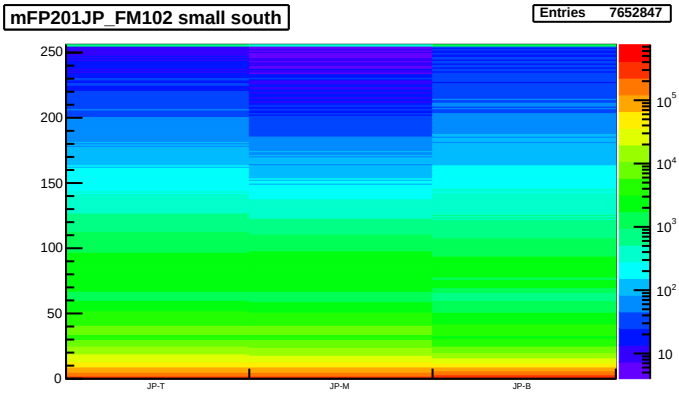

mFP201BSsim_FM103 large north
Entries 2887371
186
1487
88320
1349
90955
682746
729937
161117
863942
267332
BS3
BS2
BS1-T
BS1-M
BS1-B

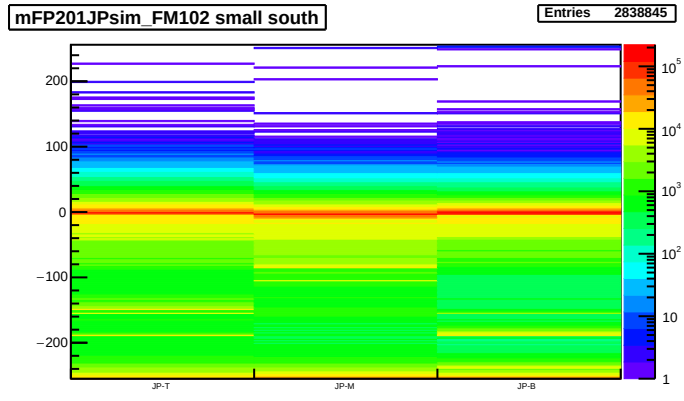

mFP201BS_FM104 large south
Entries 1.275474e+07
102480
238801
155947
218942
195410
2.44847e+06
2.31215e+06
2.395e+06
2.33201e+06
2.35554e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

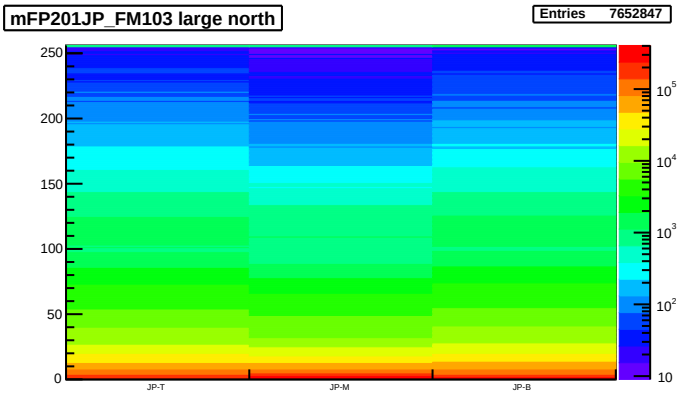

mFP201BSsim_FM104 large south
Entries 2872866
209
1902
68451
2642
86189
663566
651586
325261
785721
287339
BS3
BS2
BS1-T
BS1-M
BS1-B

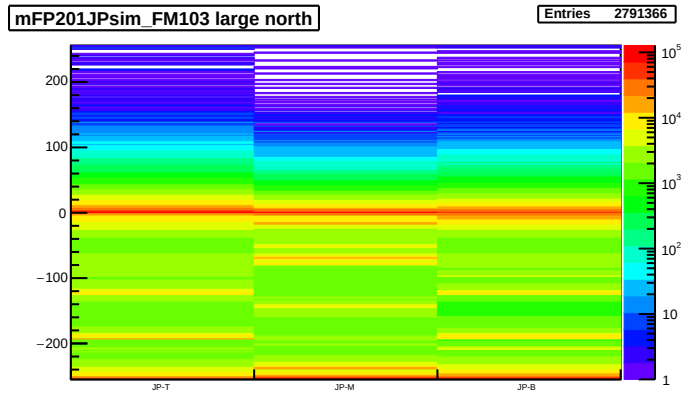

mFP201JP_FM101 small north
Entries 7652847
JP-T
JP-M
JP-B

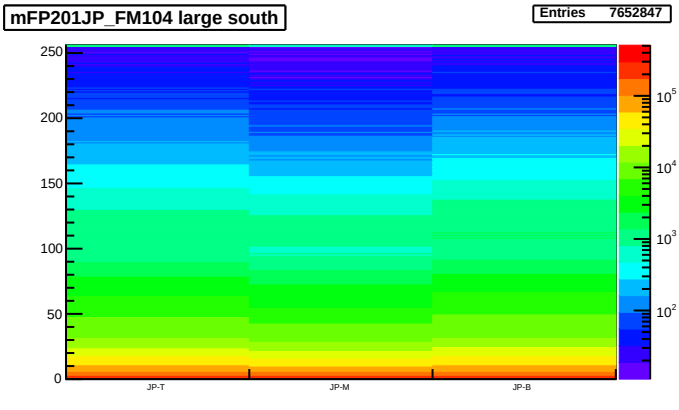

mFP201JPsim_FM101 small north
Entries 2510850
JP-T
JP-M
JP-B

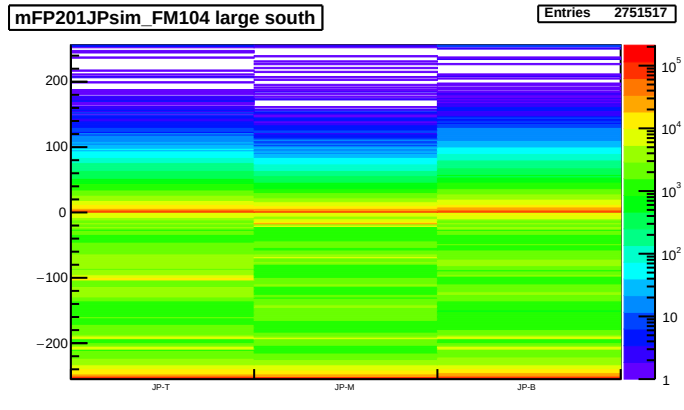

mFP201JP_FM102 small south
Entries 7652847
JP-T
JP-M
JP-B

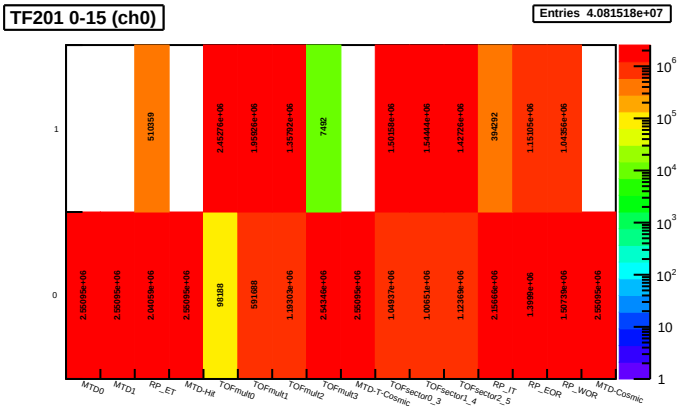

mFP201JPsim_FM102 small south
Entries 2838845
JP-T
JP-M
JP-B

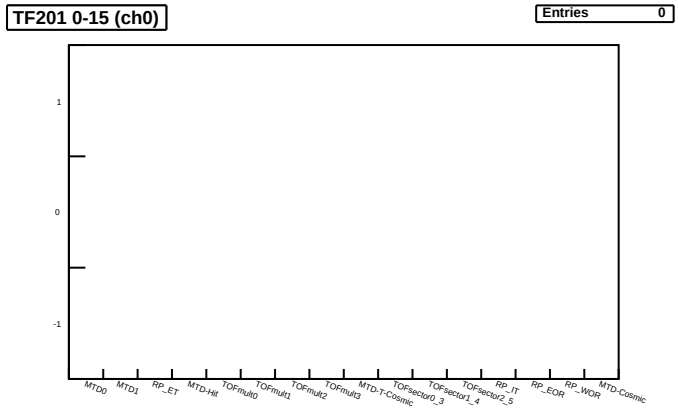

mFP201JP_FM103 large north
Entries 7652847
JP-T
JP-M
JP-B

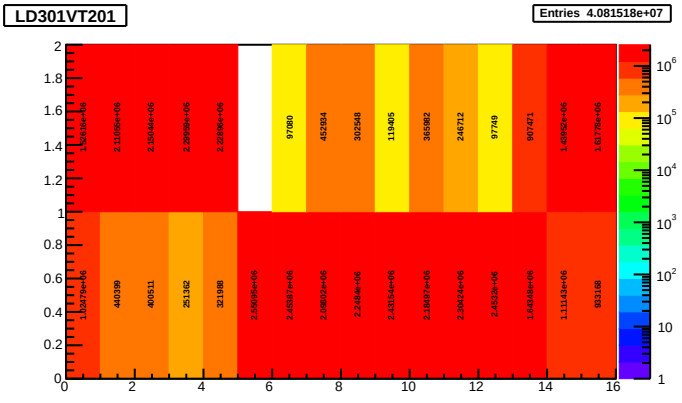

mFP201JPsim_FM103 large north
Entries 2791366
JP-T
JP-M
JP-B

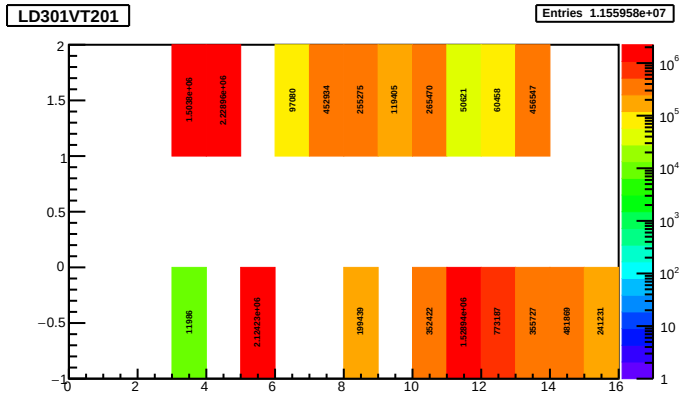

mFP201JP_FM104 large south
Entries 7652847
JP-T
JP-M
JP-B

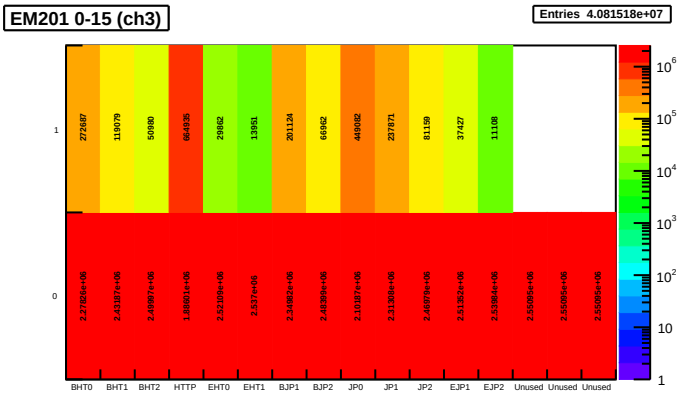

mFP201JPsim_FM104 large south
Entries 2751517
JP-T
JP-M
JP-B

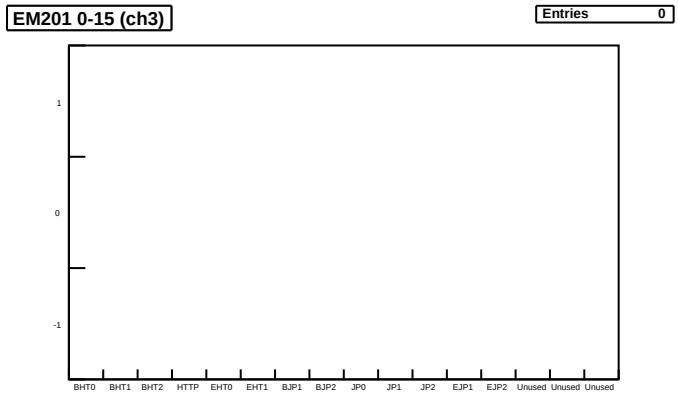

TF201 0-15 (ch0)
Entries 4.081518e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

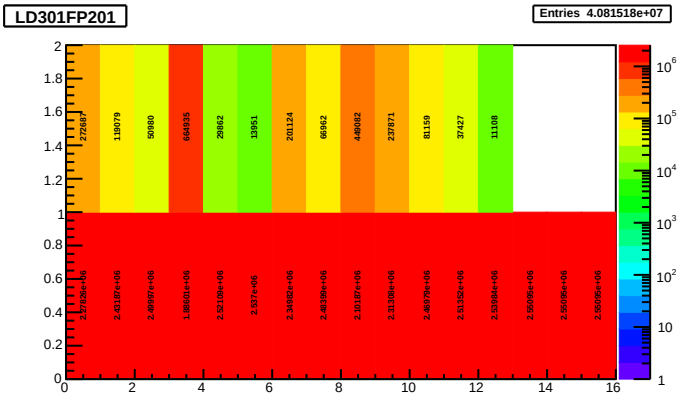

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

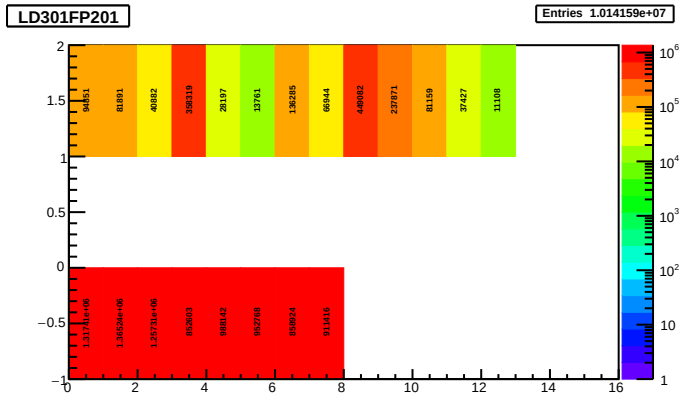

LD301VT201
Entries 4.081518e+07


LD301VT201
Entries 1.155958e+07


EM201 0-15 (ch3)
Entries 4.081518e+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 4.081518e+07


LD301FP201
Entries 1.014159e+07