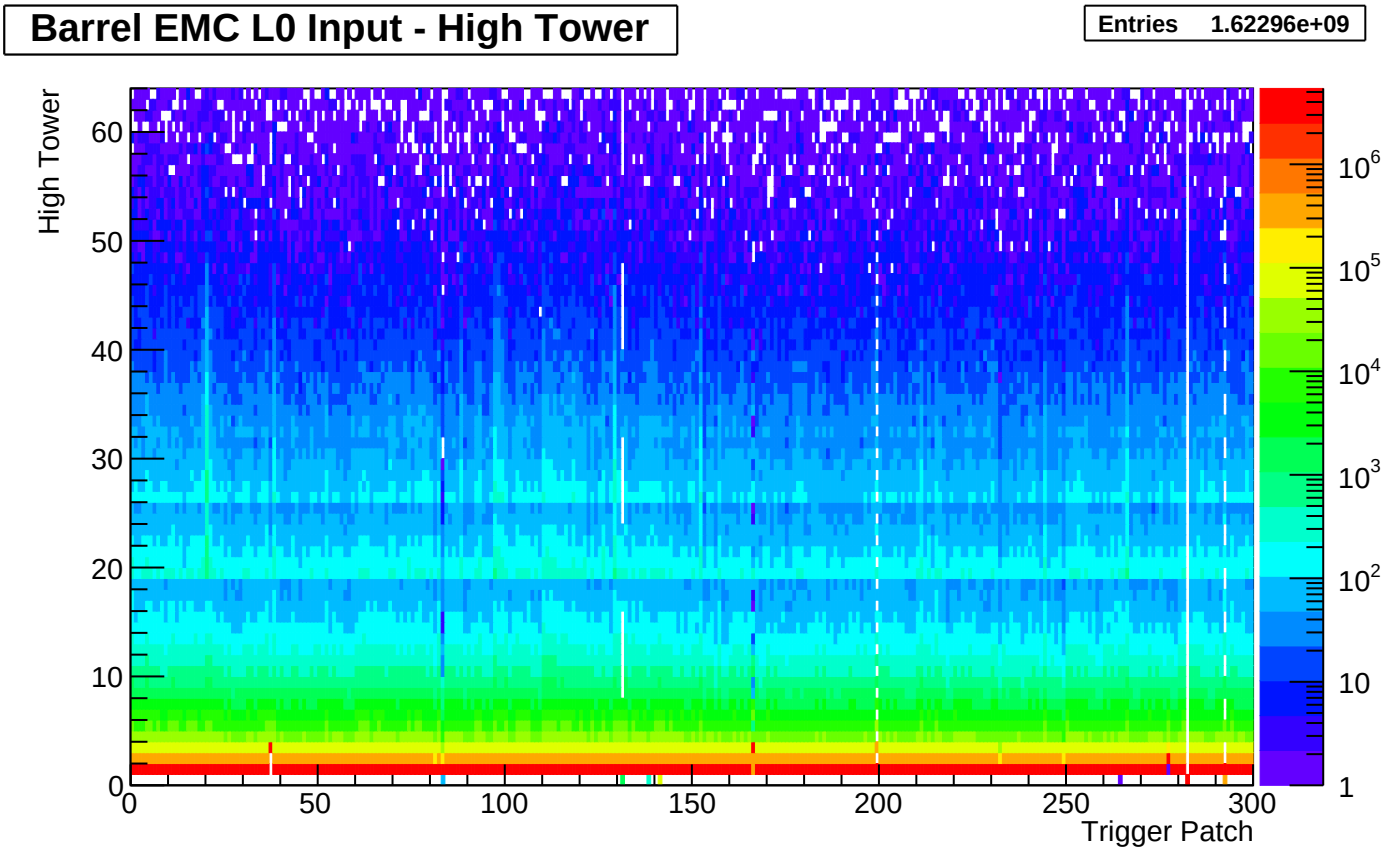
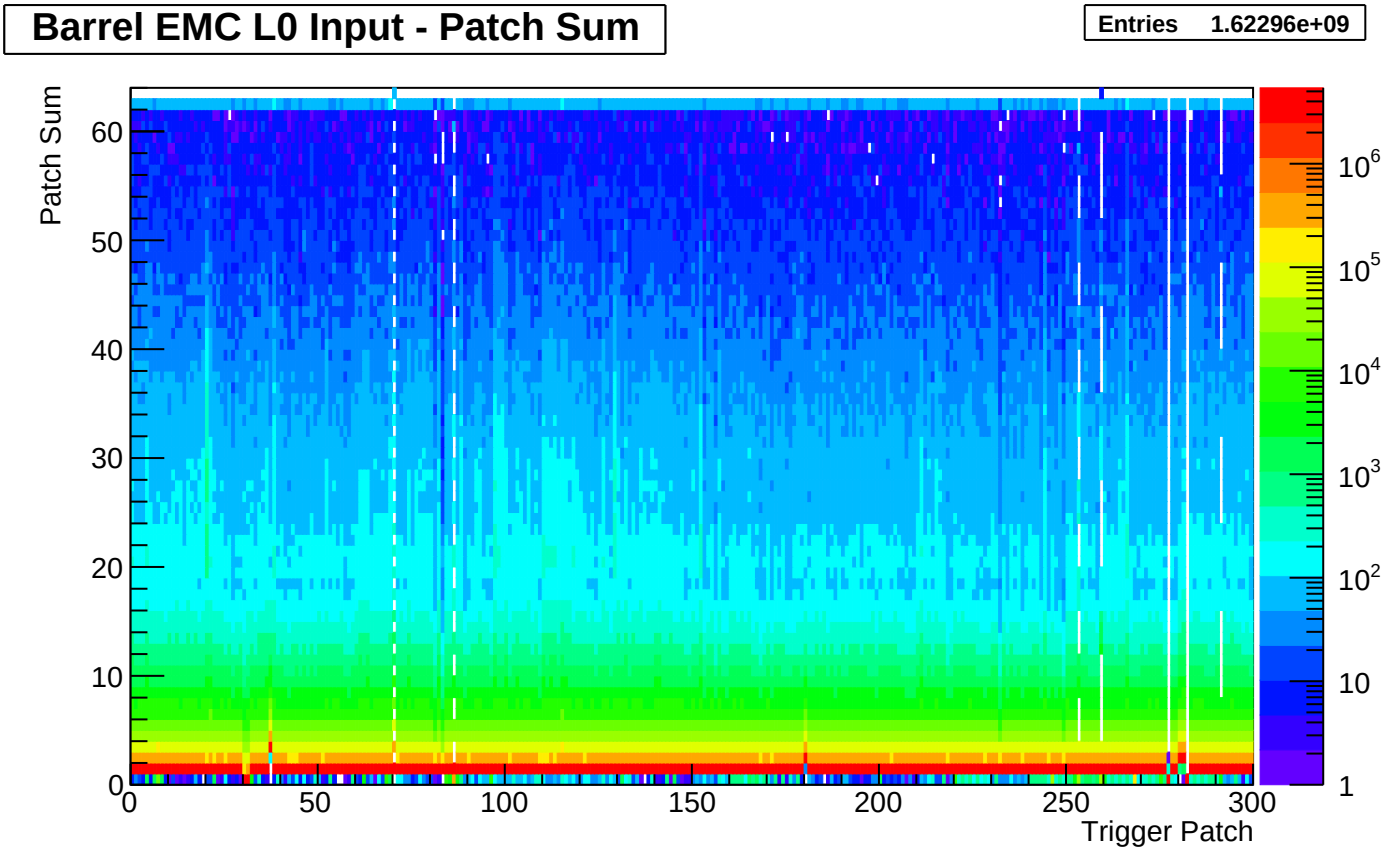
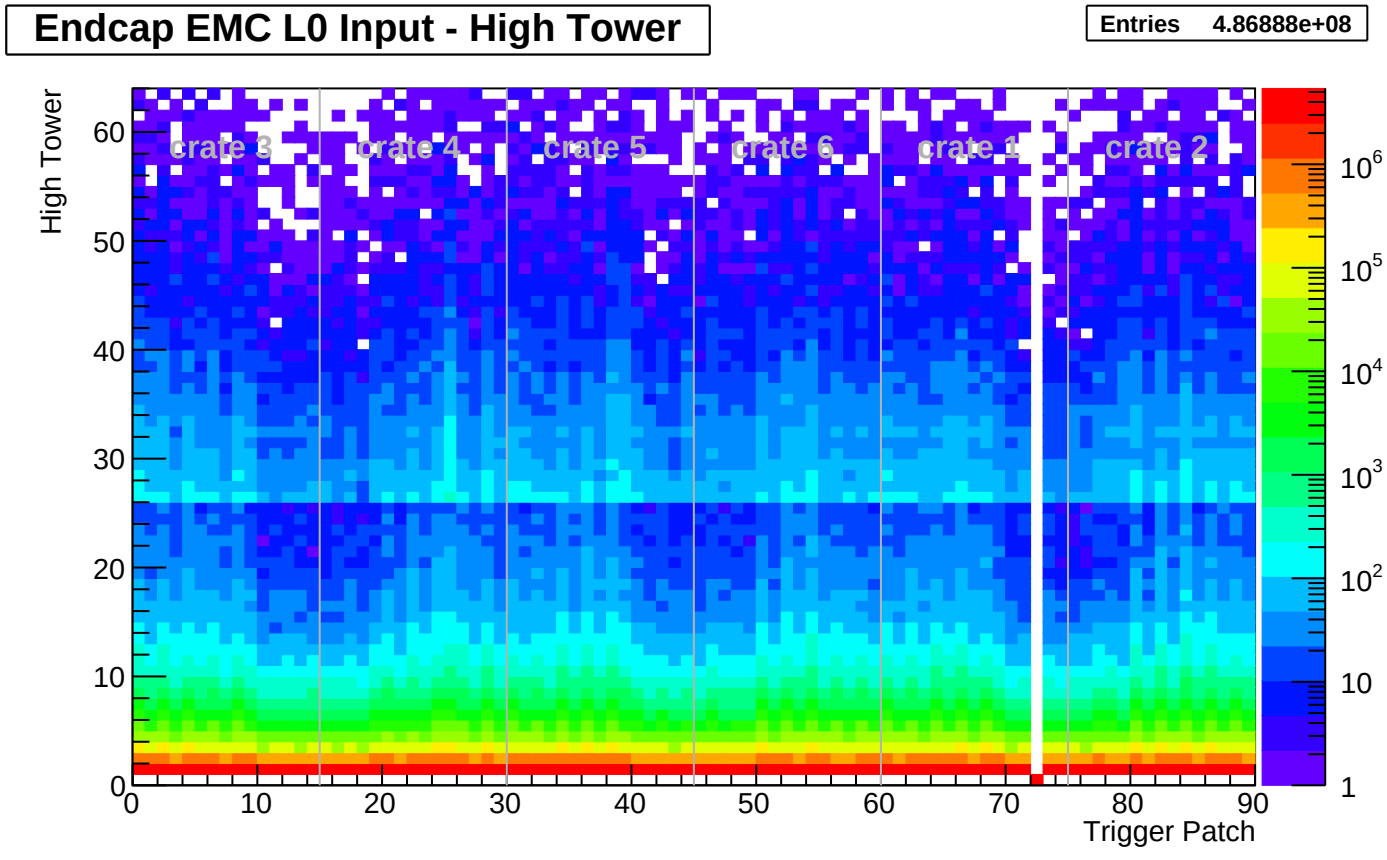
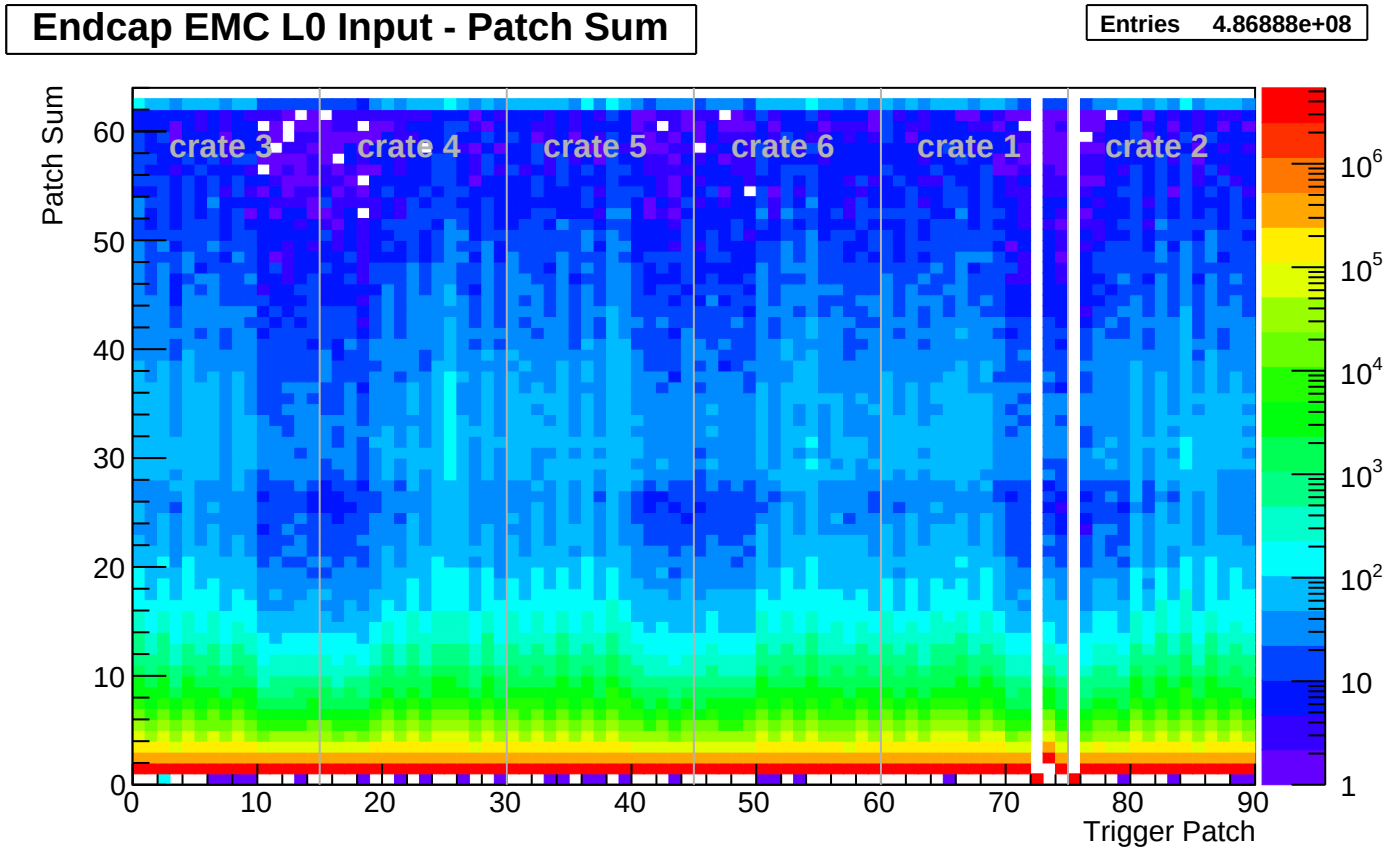
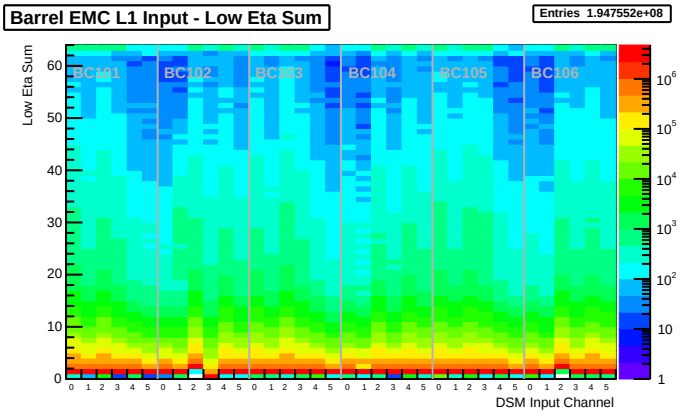
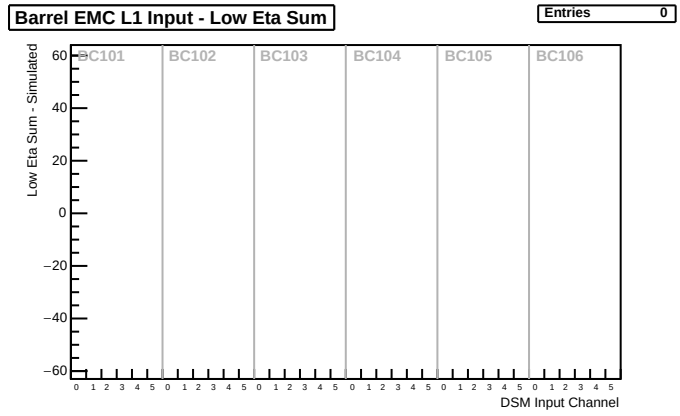

Barrel EMC L0 Input - High Tower
Entries 1.62296e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

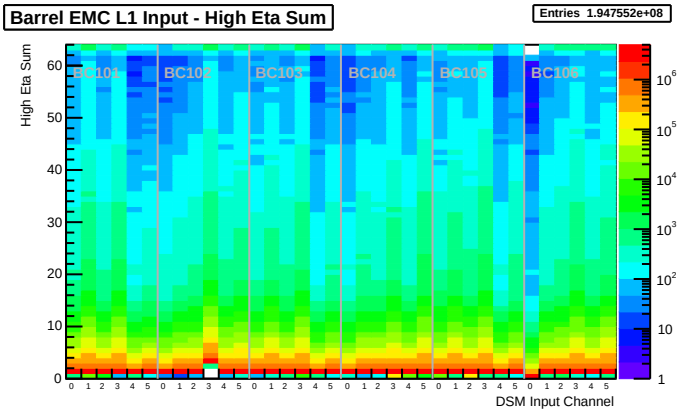

Barrel EMC L0 Input - Patch Sum
Entries 1.62296e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

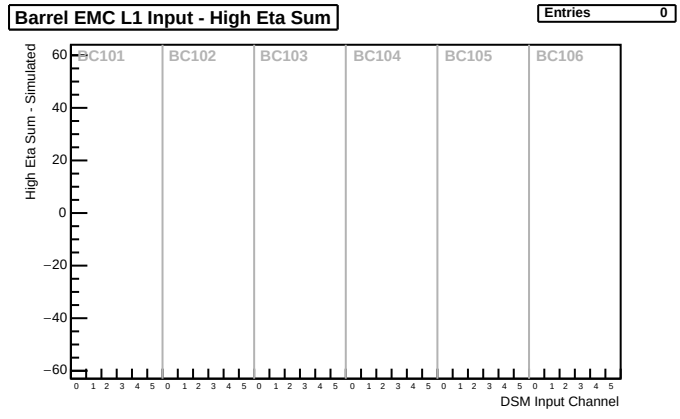

Endcap EMC L0 Input - High Tower
Entries 4.86888e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

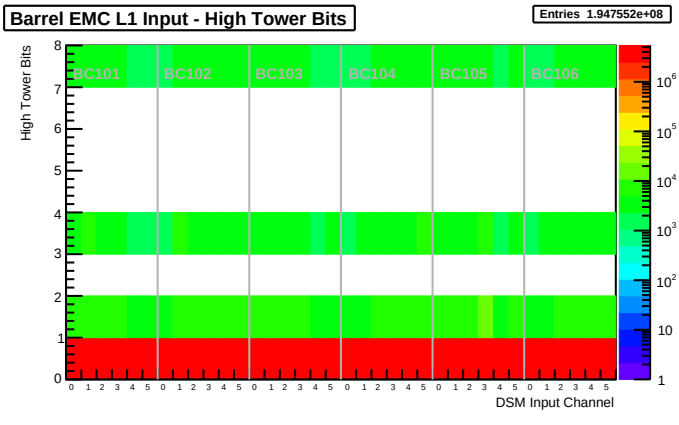

Endcap EMC L0 Input - Patch Sum
Entries 4.86888e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

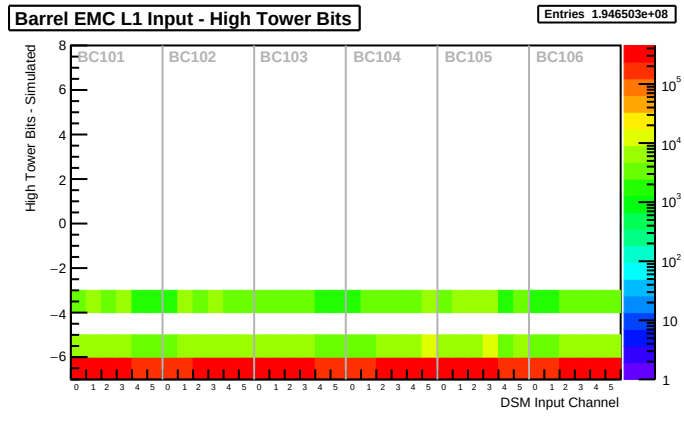

Barrel EMC L1 Input - Low Eta Sum
Entries 1.947552e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

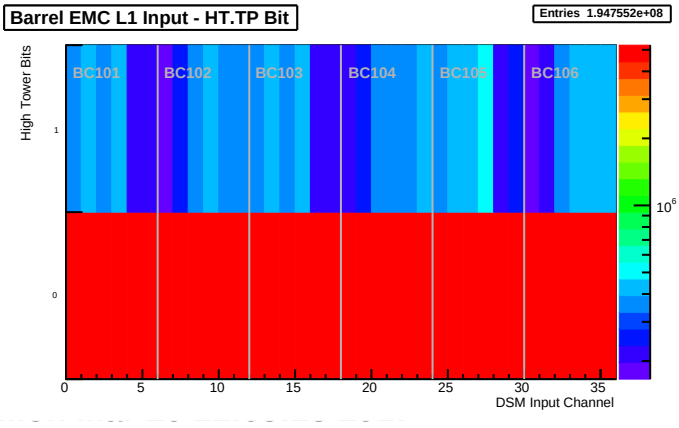

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

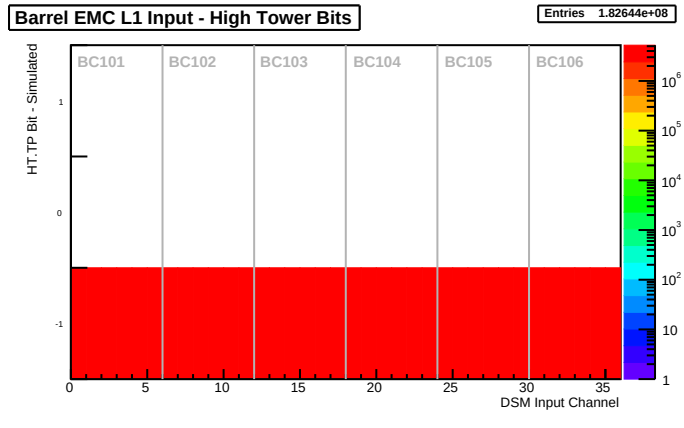

Barrel EMC L1 Input - High Eta Sum
Entries 1.947552e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

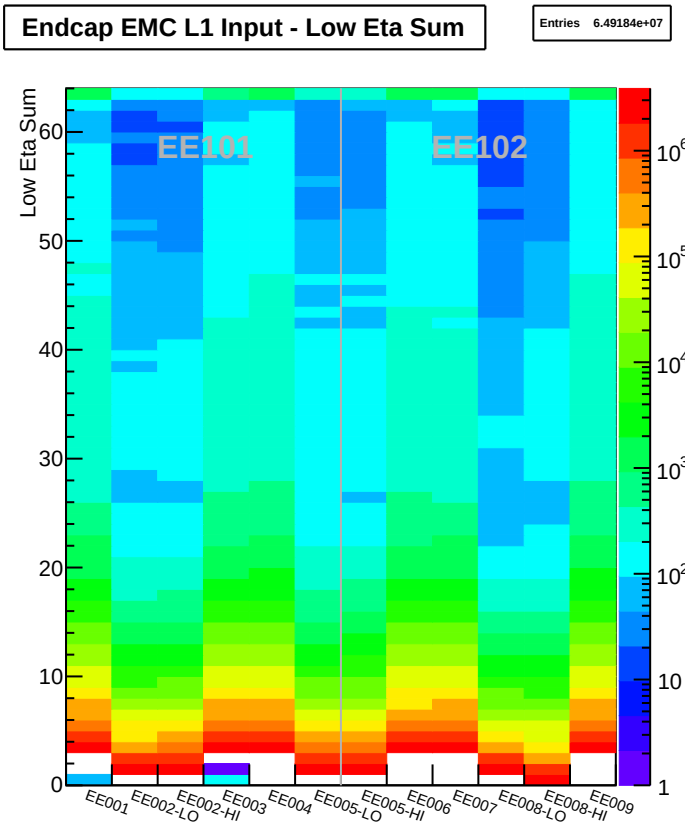

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

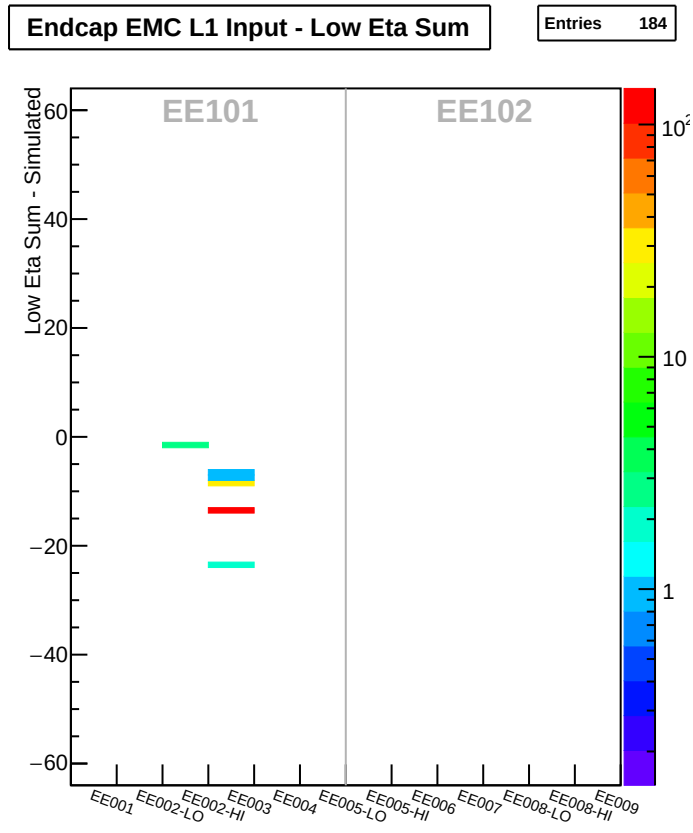

Barrel EMC L1 Input - High Tower Bits
Entries 1.947552e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

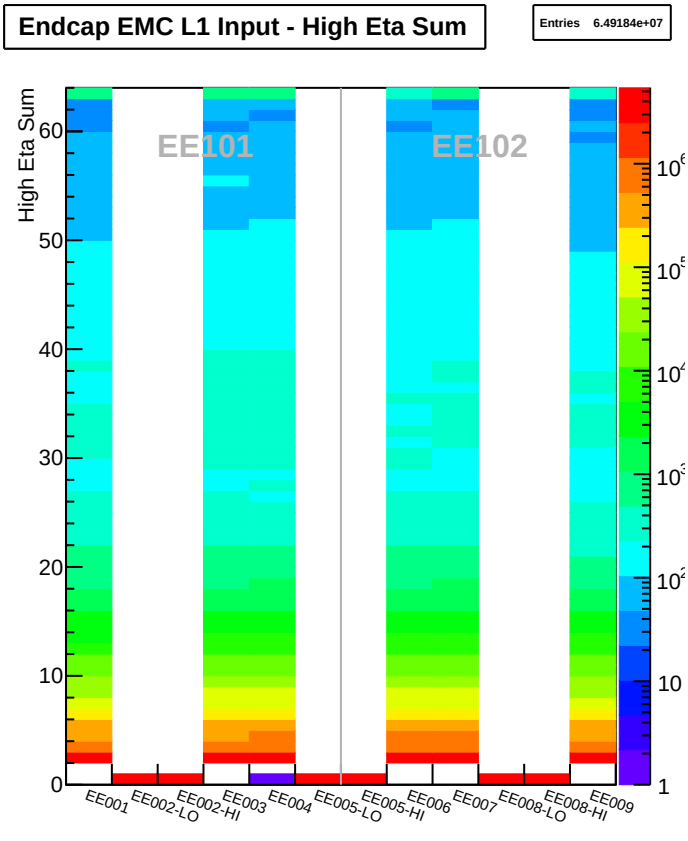

Barrel EMC L1 Input - High Tower Bits
Entries 1.946503e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

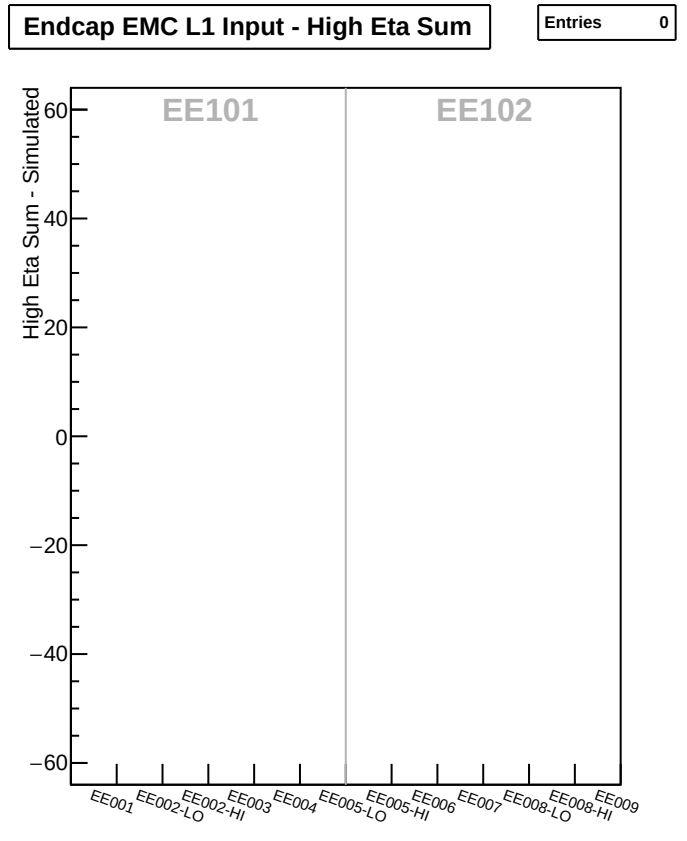

Barrel EMC L1 Input - HT.TP Bit
Entries 1.947552e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

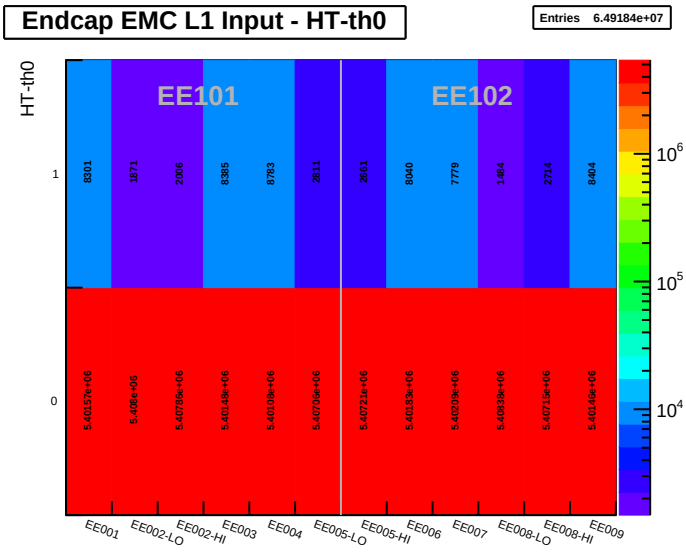

Barrel EMC L1 Input - High Tower Bits
Entries 1.82644e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

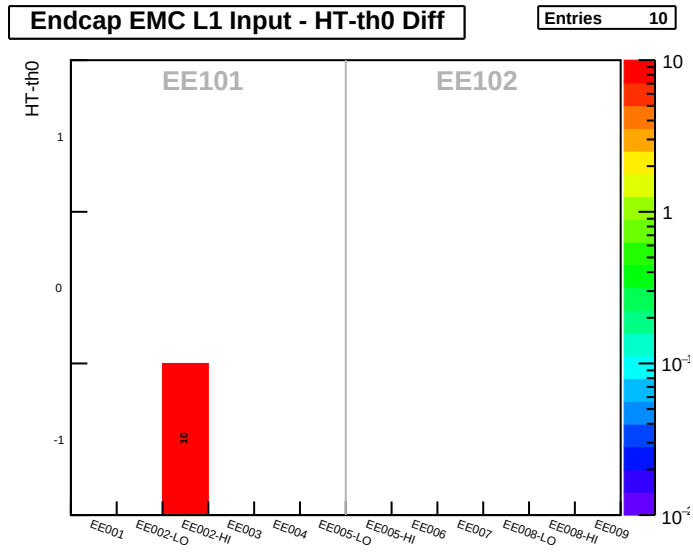

Endcap EMC L1 Input - Low Eta Sum
Entries 6.49184e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

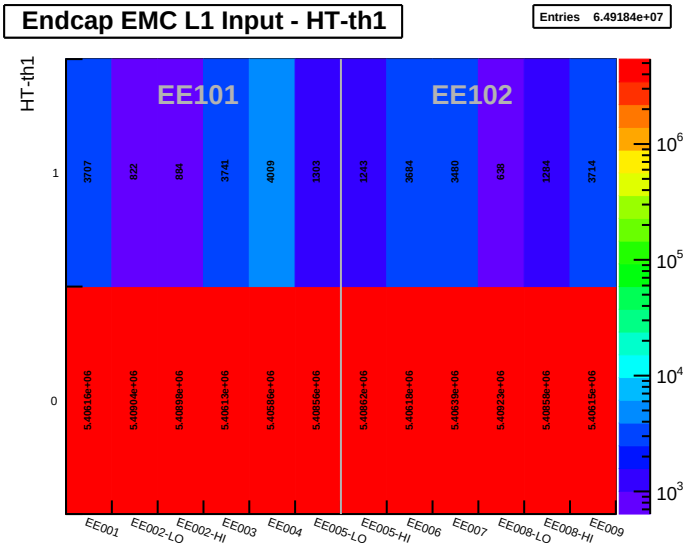

Endcap EMC L1 Input - Low Eta Sum
Entries 184
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

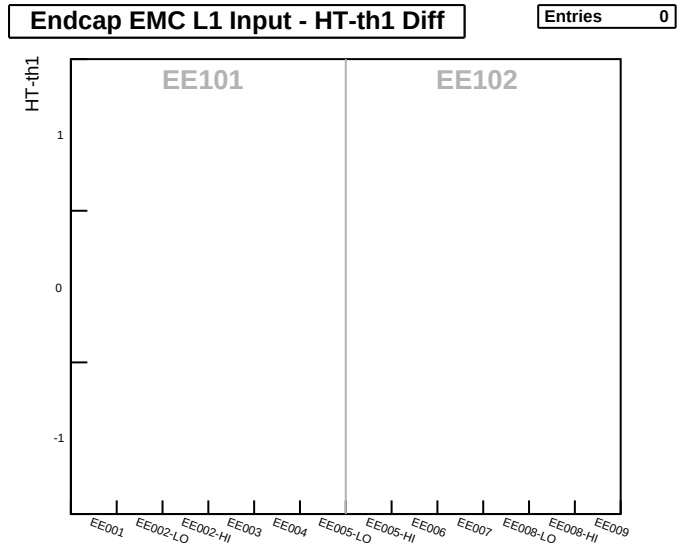

Endcap EMC L1 Input - High Eta Sum
Entries 6.49184e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

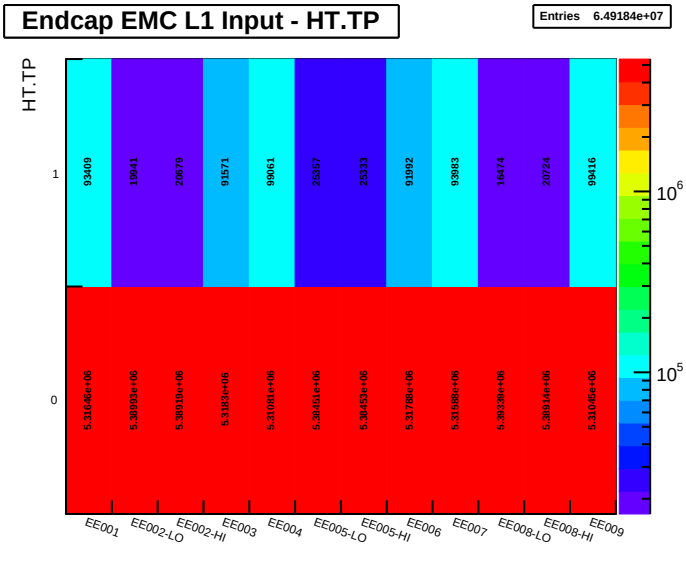

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

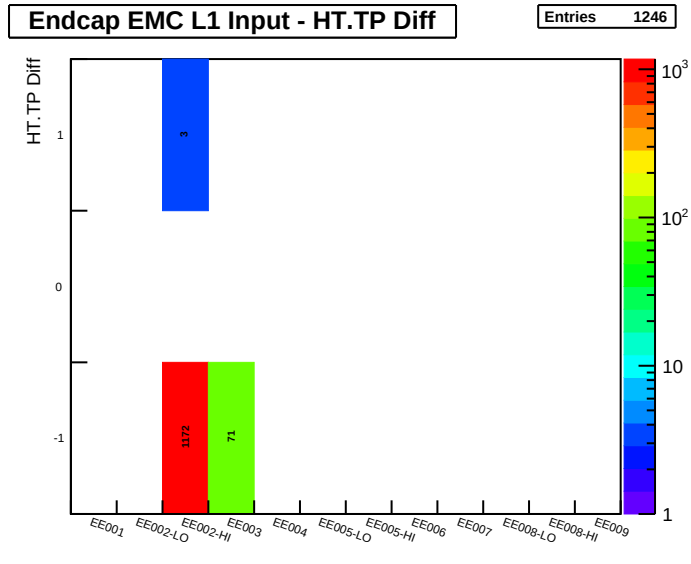

Endcap EMC L1 Input - HT-th0
Entries 6.49184e+07
HT-th0
EE101
EE102
8301 1871 2006 8385 8783 2811 2661 8040 7779 1484 2714 8404
5.40157e+06 5.408e+06 5.40786e+06 5.40149e+06 5.40108e+06 5.40706e+06 5.40721e+06 5.40183e+06 5.40209e+06 5.40839e+06 5.40715e+06 5.40146e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

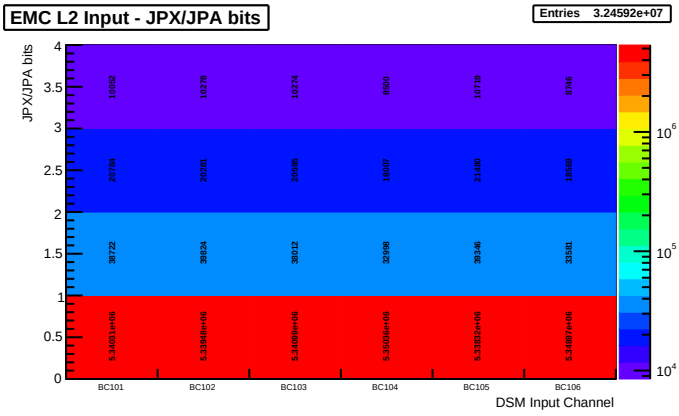

Endcap EMC L1 Input - HT-th0 Diff
Entries 10
HT-th0
EE101
EE102
10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

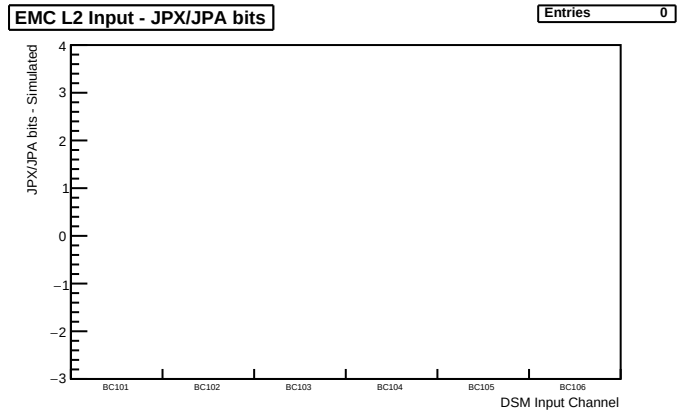

Endcap EMC L1 Input - HT-th1
Entries 6.49184e+07
HT-th1
EE101
EE102
3707 822 884 3741 4009 1303 1243 3684 3480 638 1284 3714
5.40616e+06 5.40904e+06 5.40898e+06 5.40613e+06 5.40586e+06 5.40856e+06 5.40862e+06 5.40618e+06 5.40639e+06 5.40923e+06 5.40858e+06 5.40615e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

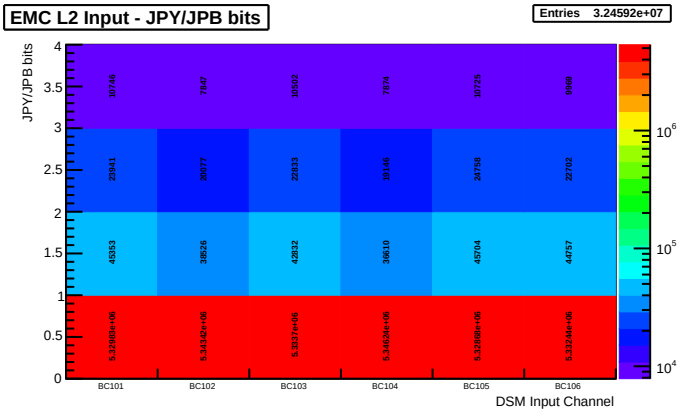

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

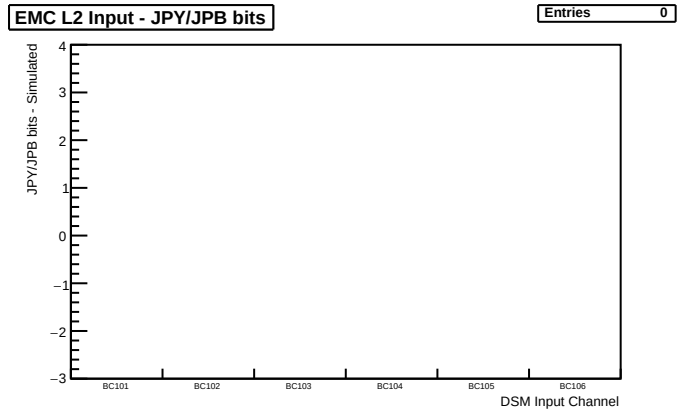

Endcap EMC L1 Input - HT.TP
Entries 6.49184e+07
HT.TP
93409 19941 20679 91571 99061 25357 25333 91992 93983 16474 20724 99416
5.31646e+06 5.30993e+06 5.30910e+06 5.3183e+06 5.31081e+06 5.30451e+06 5.30453e+06 5.31788e+06 5.31598e+06 5.30330e+06 5.30914e+06 5.31045e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

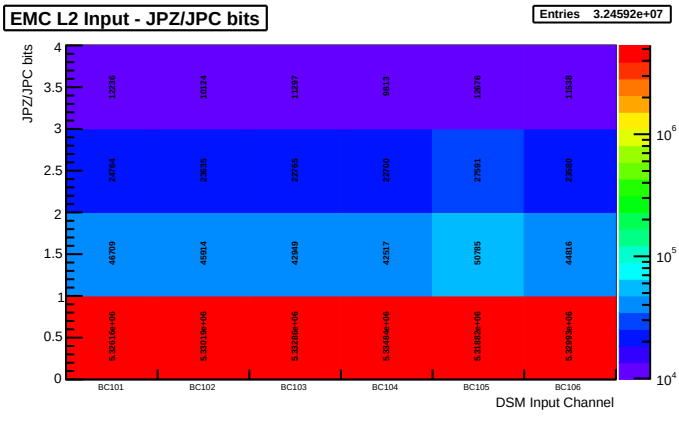

Endcap EMC L1 Input - HT.TP Diff
Entries 1246
HT.TP Diff
3
1172
71
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

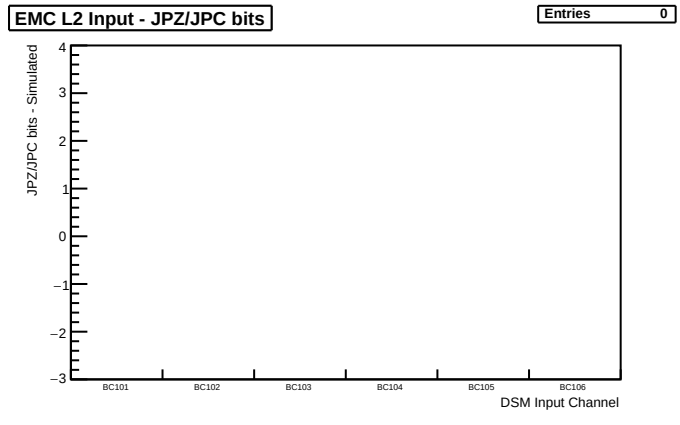

EMC L2 Input - JPX/JPA bits
Entries 3.24592e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

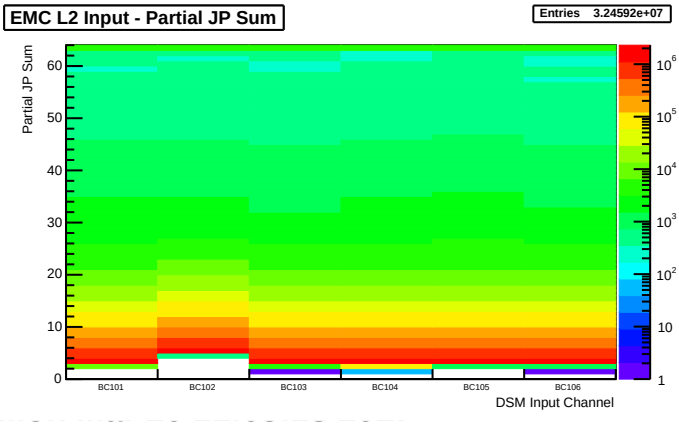

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

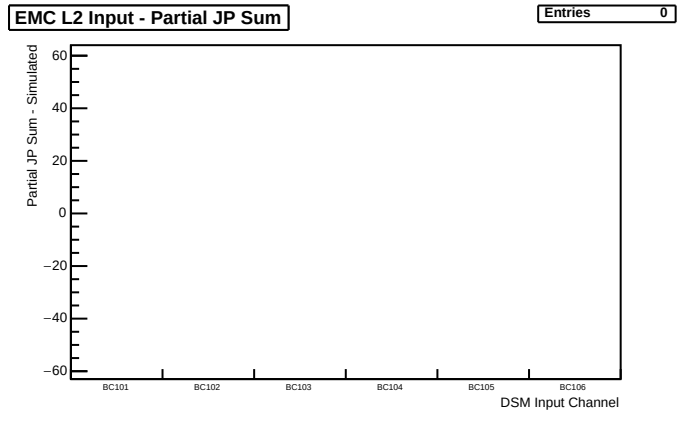

EMC L2 Input - JPY/JPB bits
Entries 3.24592e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

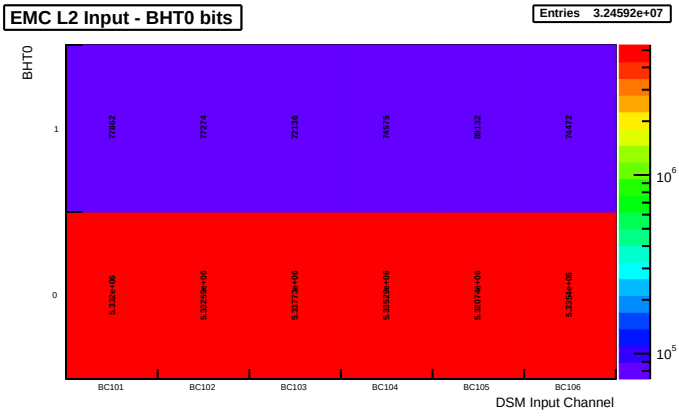

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

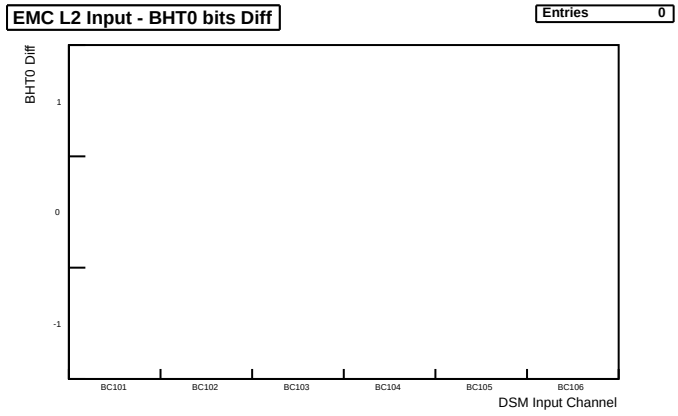

EMC L2 Input - JPZ/JPC bits
Entries 3.24592e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

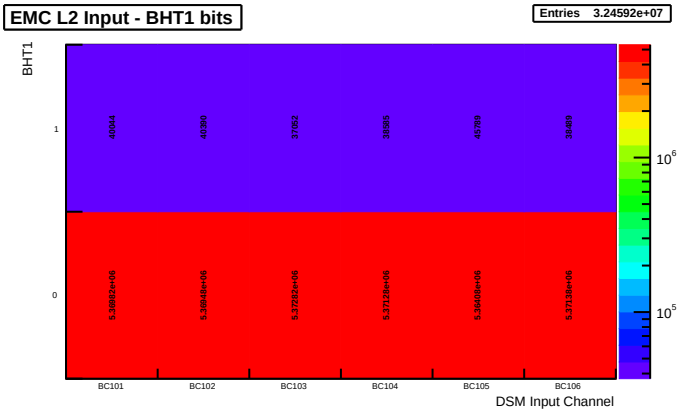

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

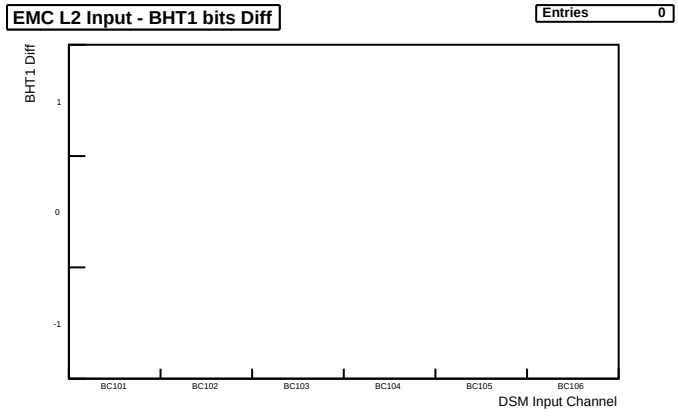

EMC L2 Input - Partial JP Sum
Entries 3.24592e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

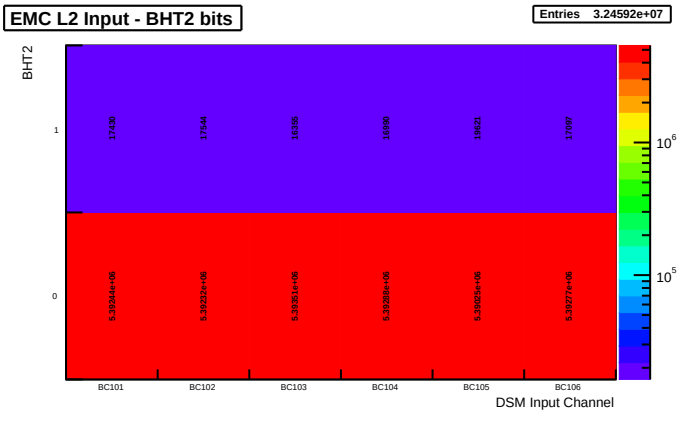

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

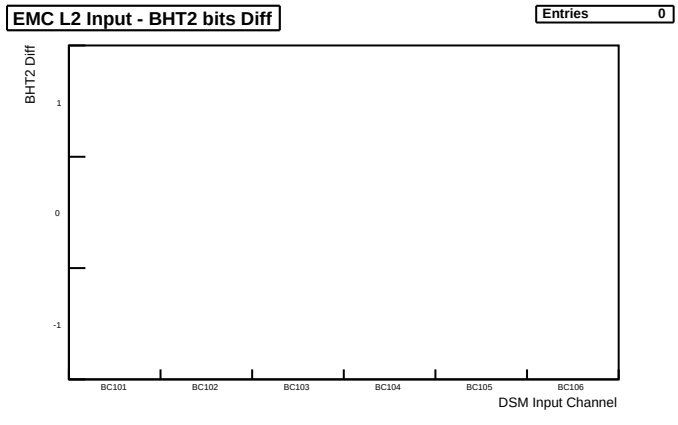

EMC L2 Input - BHT0 bits
Entries 3.24592e+07
BHT0
77362
77274
72136
74575
69132
74472
5.332e+06
5.32259e+06
5.32773e+06
5.33529e+06
5.32074e+06
5.3356e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

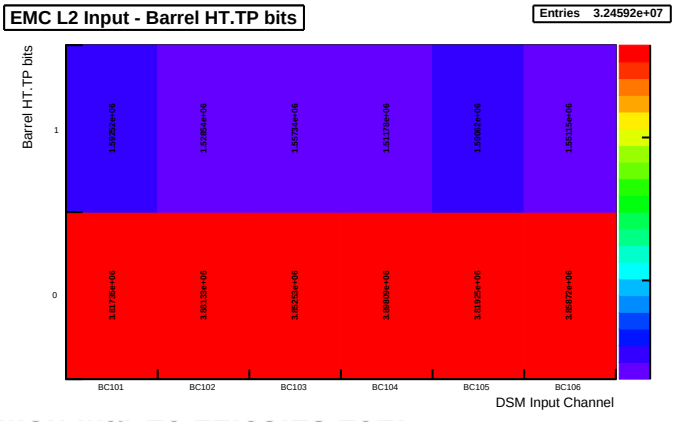

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

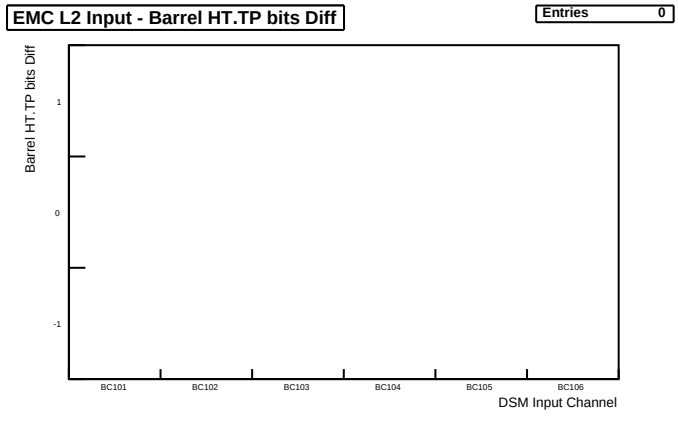

EMC L2 Input - BHT1 bits
Entries 3.24592e+07
BHT1
40044
40390
37052
35595
45789
38489
5.36982e+06
5.38948e+06
5.37282e+06
5.37128e+06
5.36608e+06
5.37138e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

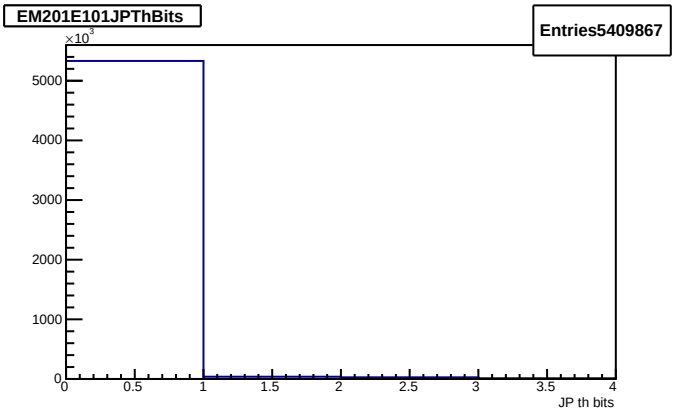

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

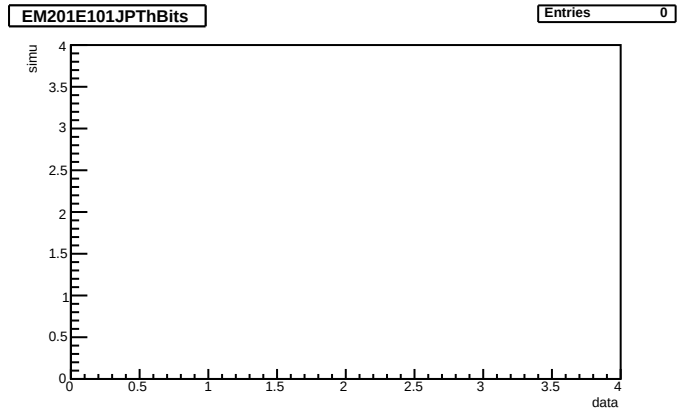

EMC L2 Input - BHT2 bits
Entries 3.24592e+07
BHT2
17430
17544
16355
16990
19921
17097
5.32944e+06
5.32232e+06
5.33951e+06
5.32281e+06
5.39025e+06
5.32277e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

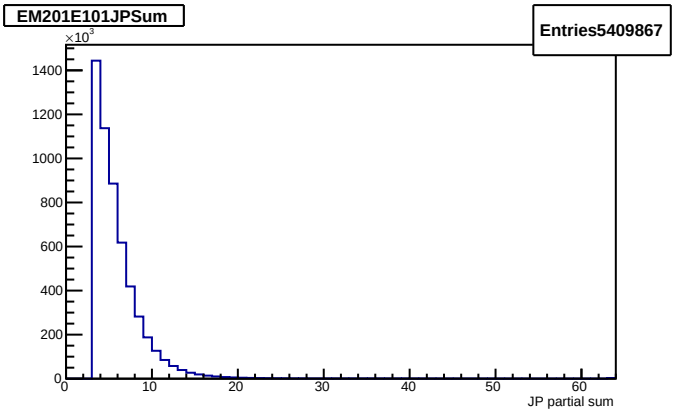

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

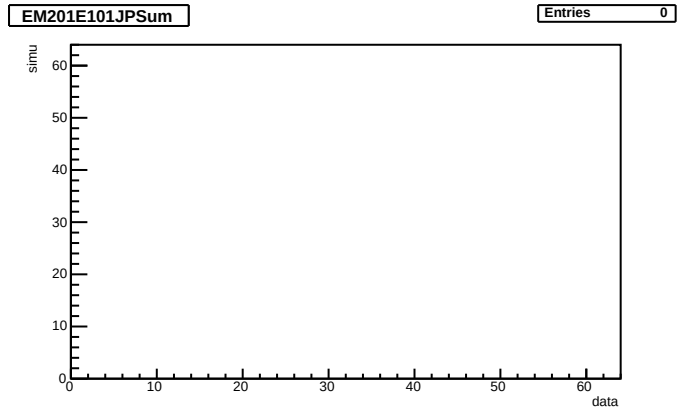

EMC L2 Input - Barrel HT.TP bits
Entries 3.24592e+07
Barrel HT.TP bits
1.93452e+06
1.52354e+06
1.55724e+06
1.51178e+06
1.59062e+06
1.55115e+06
3.81735e+06
3.88139e+06
3.85233e+06
3.88089e+06
3.81929e+06
3.85372e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

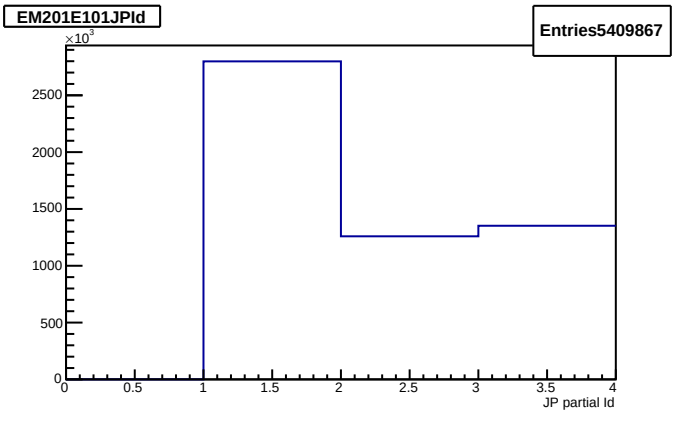

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

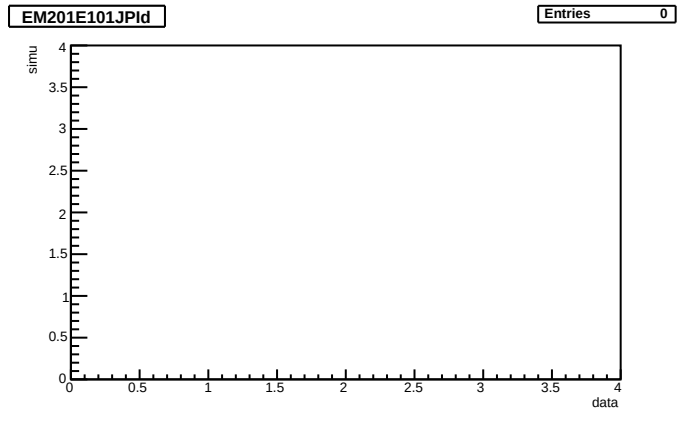

EM201E101JPThBits
Entries5409867
×10^3
JP th bits

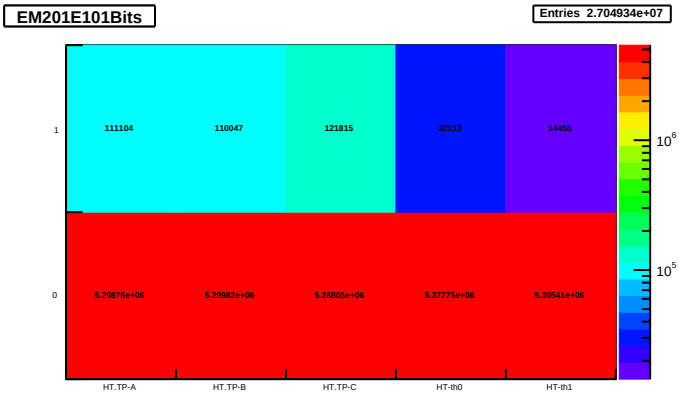

EM201E101JPThBits
Entries 0
simu
data

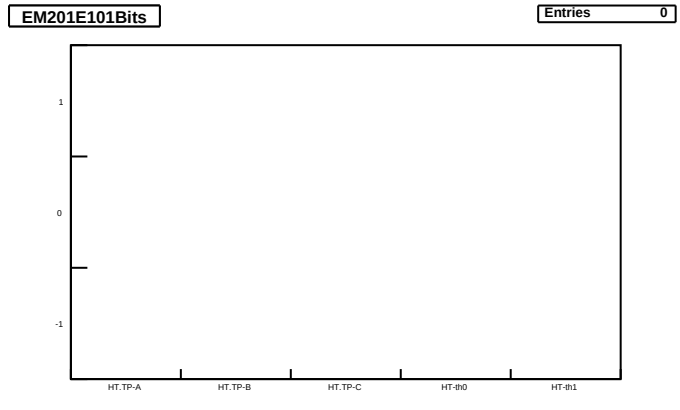

EM201E101JPSum
Entries5409867
×10^3
JP partial sum

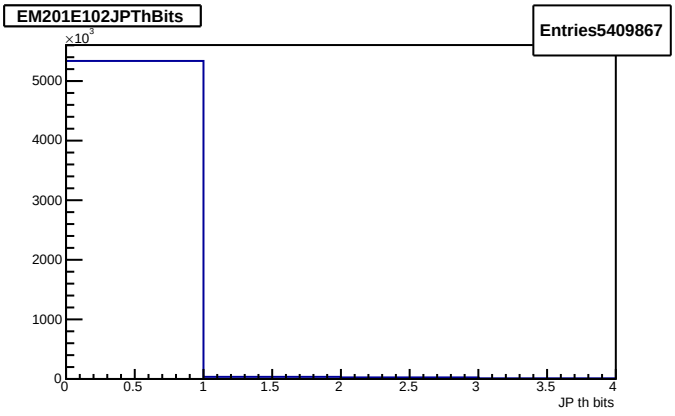

EM201E101JPSum
Entries 0
simu
data

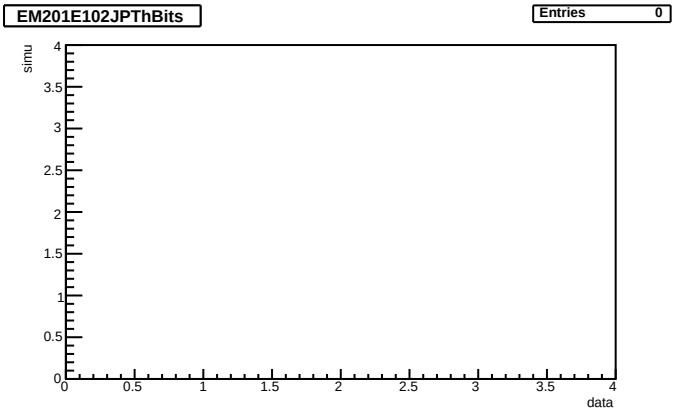

EM201E101JPId
Entries5409867
×10^3
JP partial Id

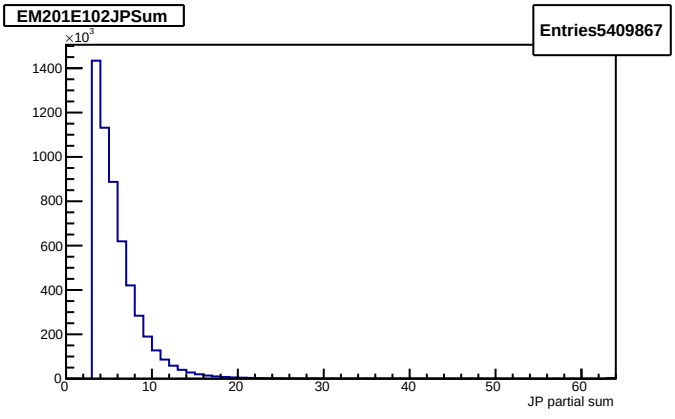

EM201E101JPId
Entries 0
simu
data

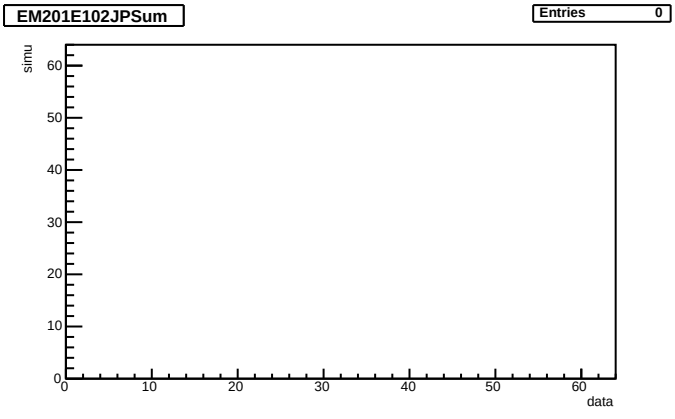

EM201E101Bits
Entries 2.704934e+07
111104
110047
121815
32113
14455
5.29876e+06
5.29982e+06
5.28805e+06
5.37775e+06
5.39541e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

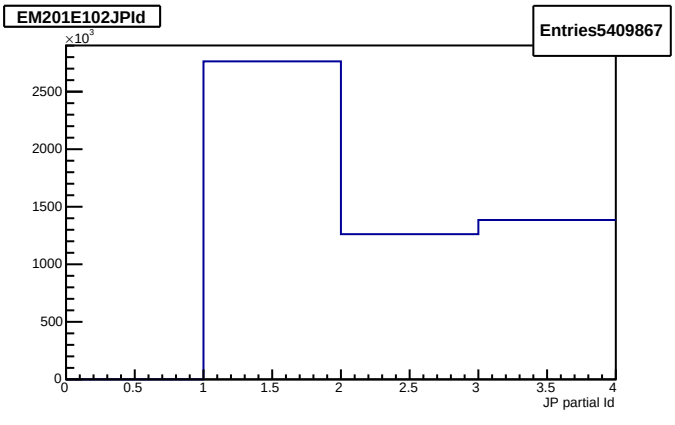

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

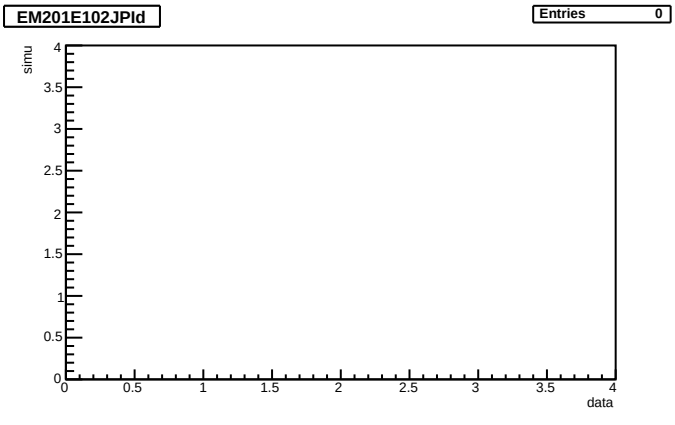

EM201E102JPThBits
Entries5409867
×10^3
JP th bits

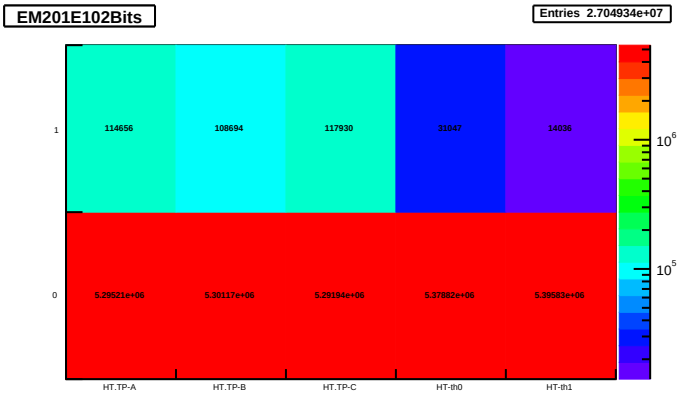

EM201E102JPThBits
Entries 0
simu
data

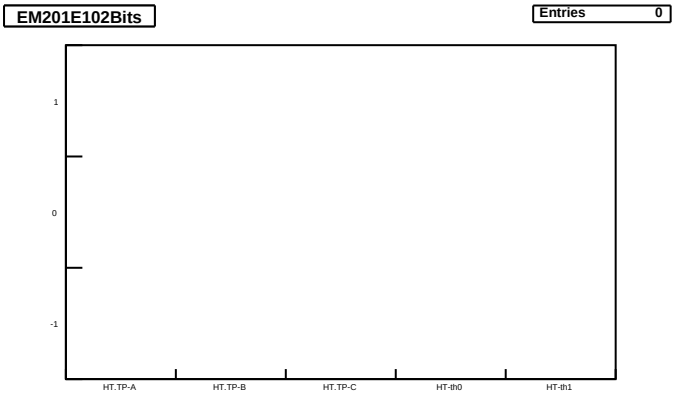

EM201E102JPSum
Entries5409867
×10^3
JP partial sum

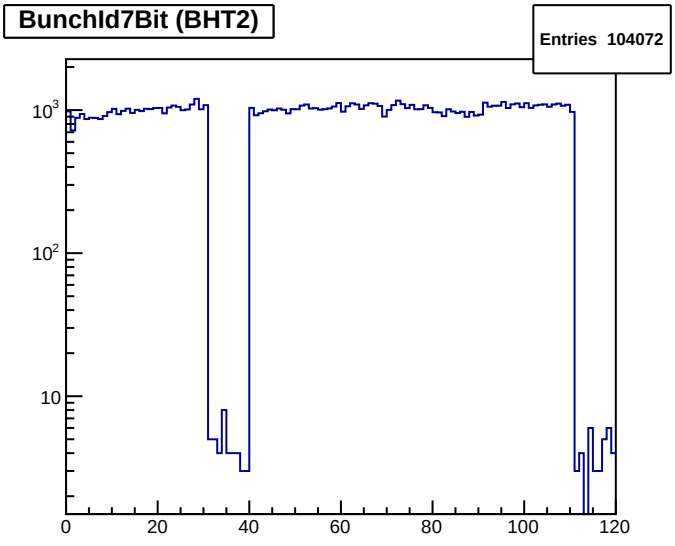

EM201E102JPSum
Entries 0
simu
data

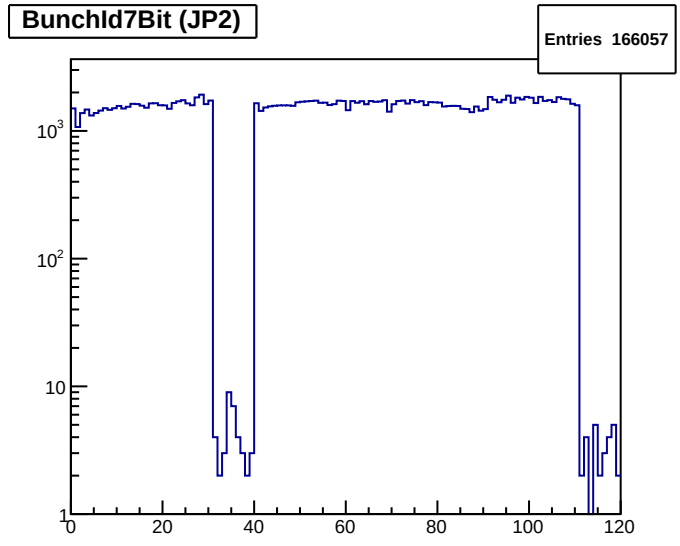

EM201E102JPId
Entries5409867
×10^3
JP partial Id

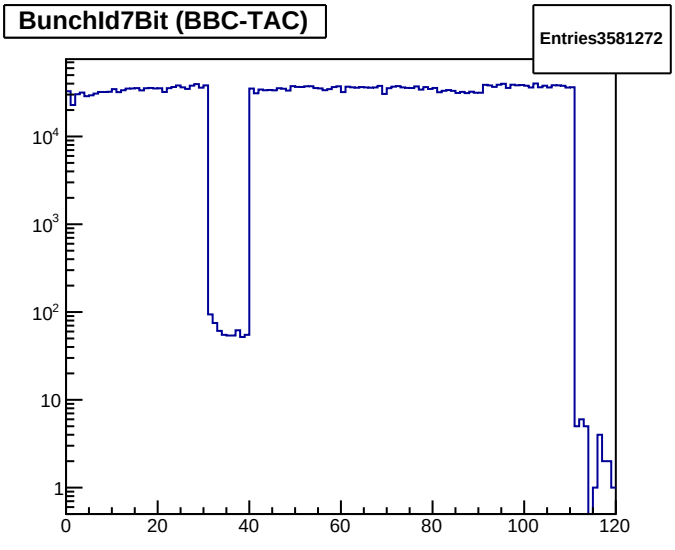

EM201E102JPId
Entries 0
simu
data

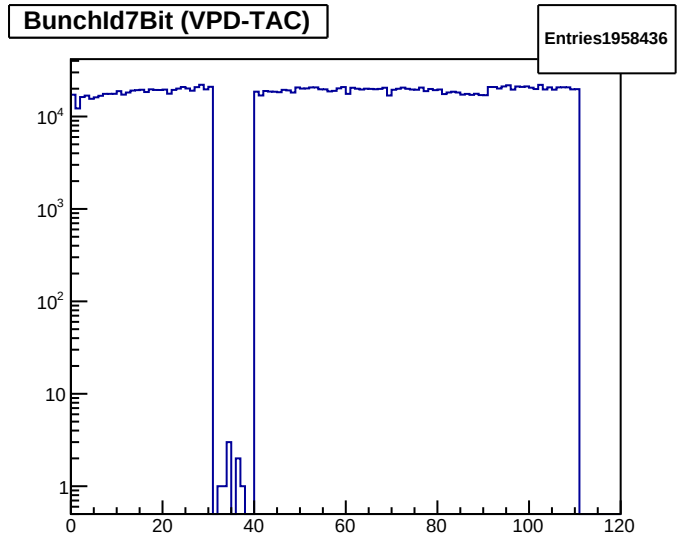

EM201E102Bits
Entries 2.704934e+07
114656
108694
117930
31047
14036
5.29521e+06
5.30117e+06
5.29194e+06
5.37882e+06
5.39583e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

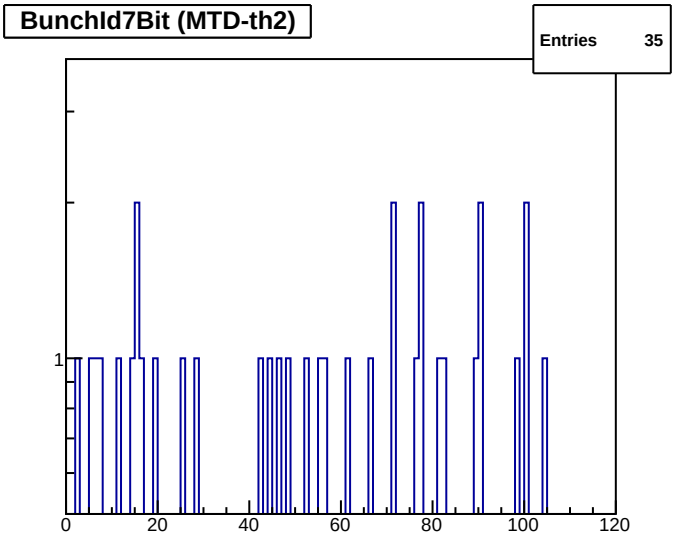

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

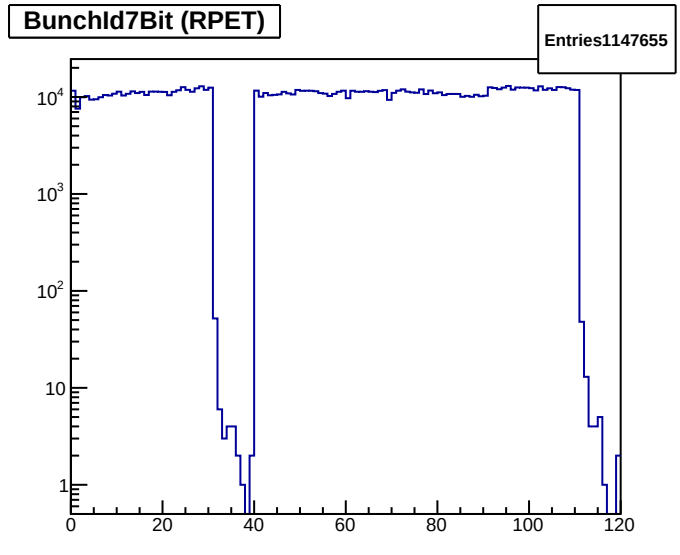

BunchId7Bit (BHT2)
Entries 104072
10^3
10^2
10
0
20
40
60
80
100
120

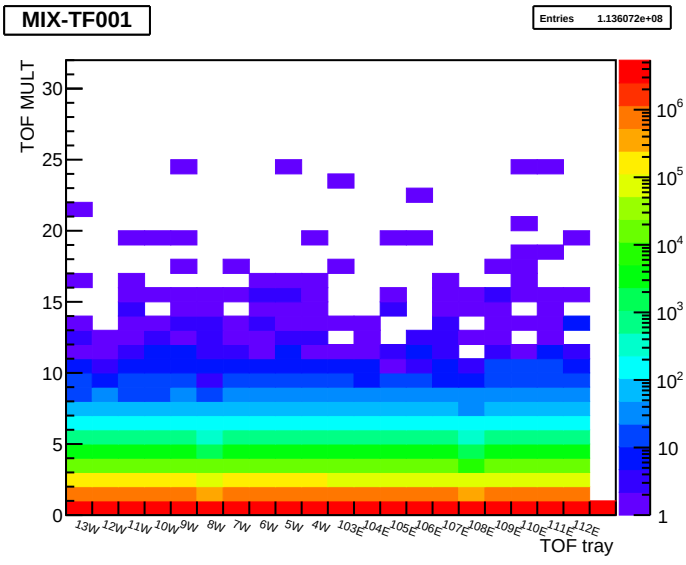

BunchId7Bit (JP2)
Entries 166057
10^3
10^2
10
1
0
20
40
60
80
100
120

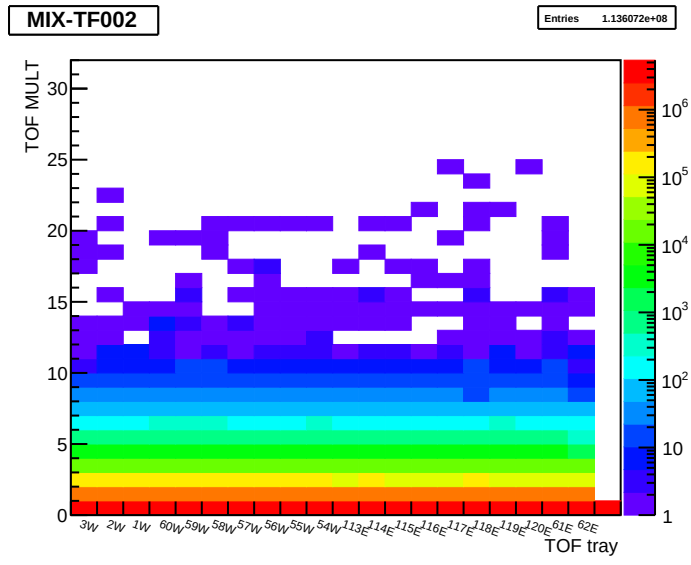

BunchId7Bit (BBC-TAC)
Entries3581272
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

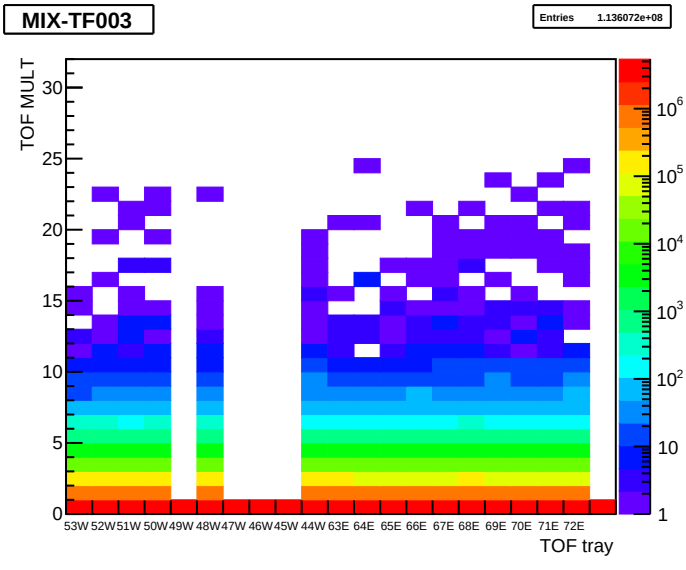

BunchId7Bit (VPD-TAC)
Entries1958436
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

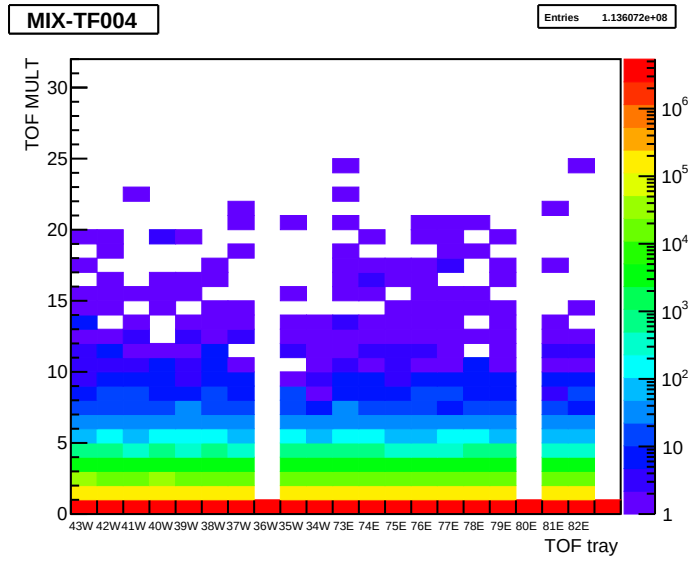

BunchId7Bit (MTD-th2)
Entries 35
1
0
20
40
60
80
100
120

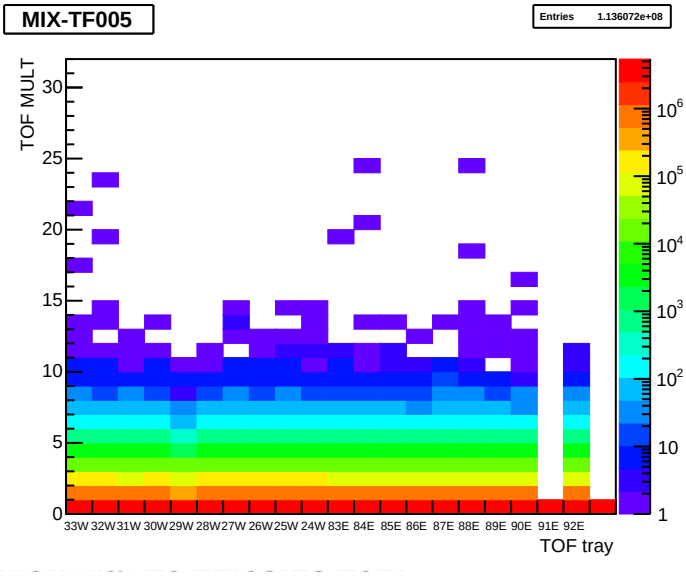

BunchId7Bit (RPET)
Entries1147655
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

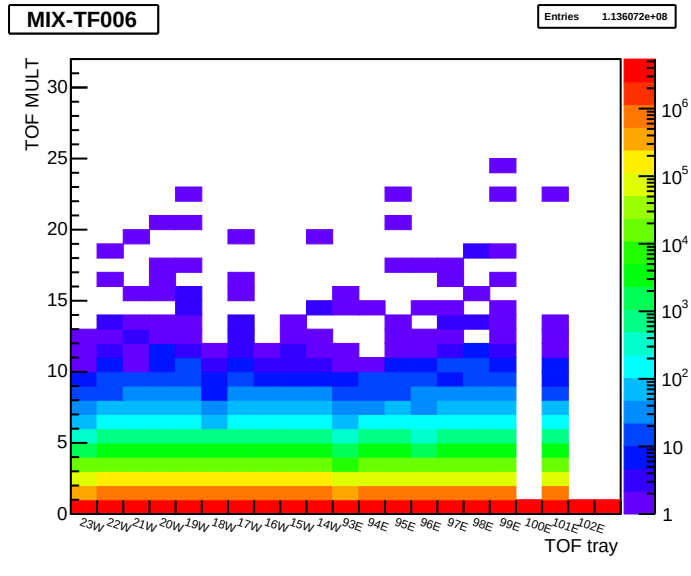

MIX-TF001
Entries 1.136072e+08
TOF MULT
TOF tray

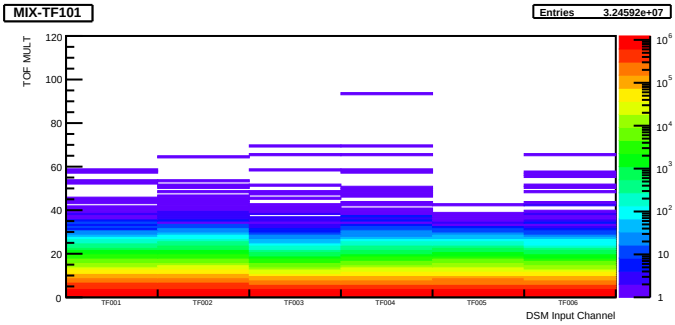

MIX-TF002
Entries 1.136072e+08
TOF MULT
TOF tray

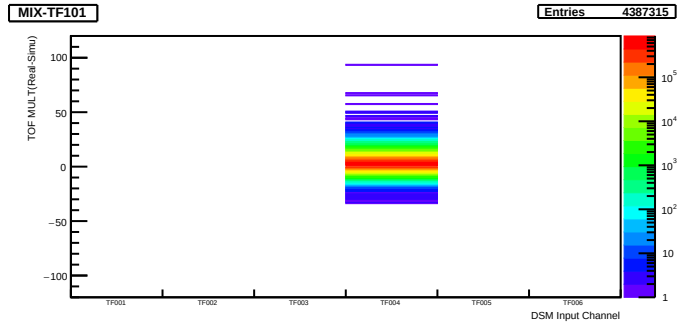

MIX-TF003
Entries 1.136072e+08
TOF MULT
TOF tray

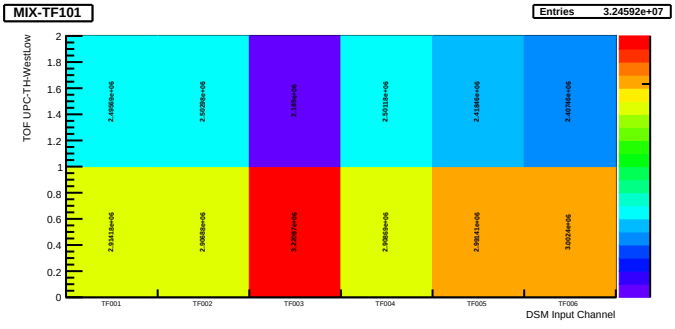

MIX-TF004
Entries 1.136072e+08
TOF MULT
TOF tray

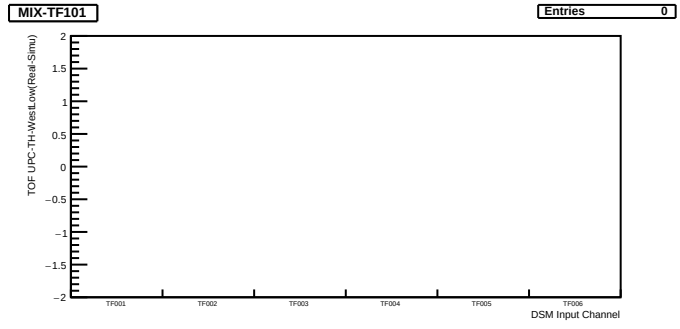

MIX-TF005
Entries 1.136072e+08
TOF MULT
TOF tray

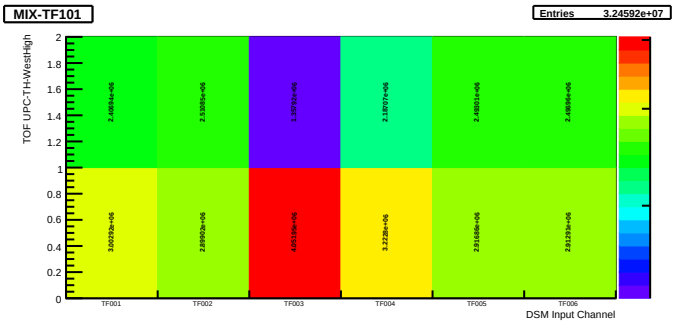

MIX-TF006
Entries 1.136072e+08
TOF MULT
TOF tray

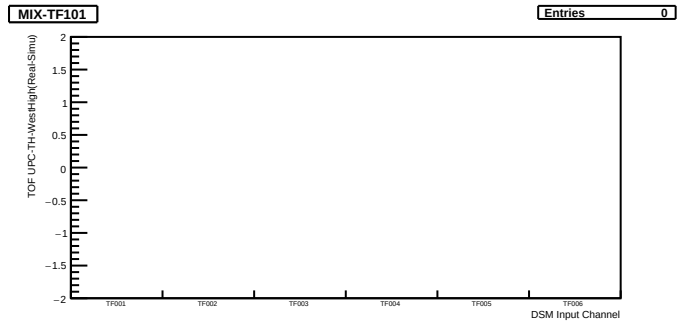

MIX-TF101
Entries 3.24592e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

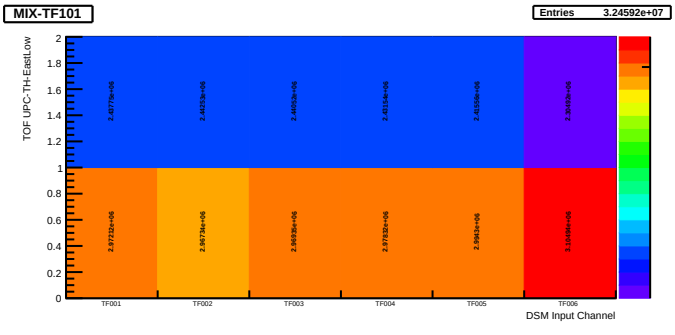

MIX-TF101
Entries 4387315
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

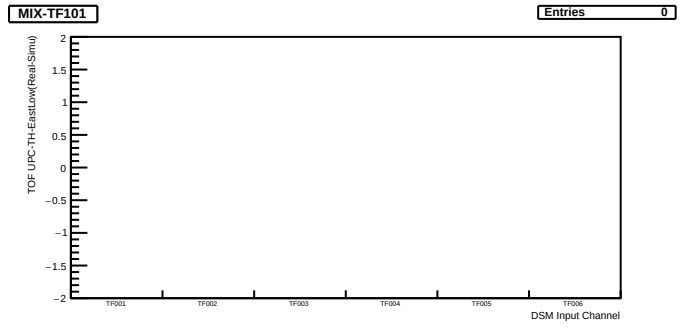

MIX-TF101
Entries 3.24592e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

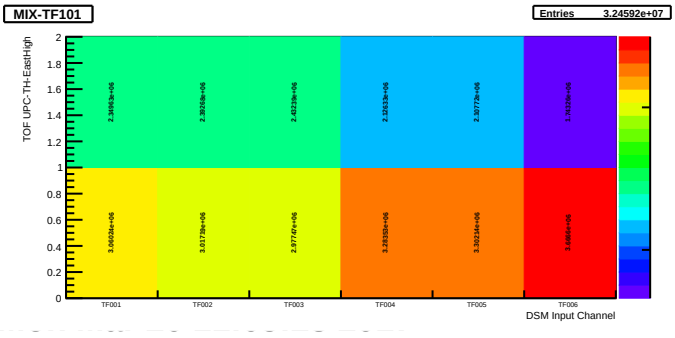

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

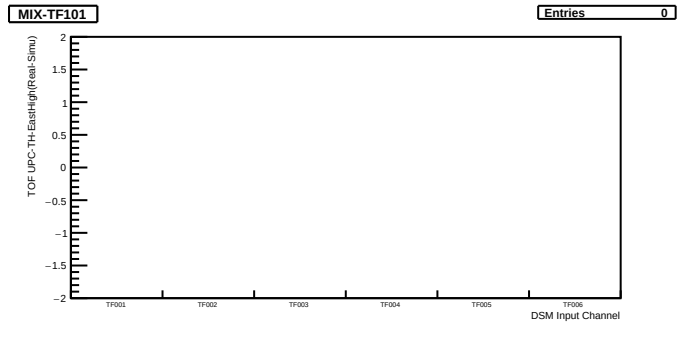

MIX-TF101
Entries 3.24592e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

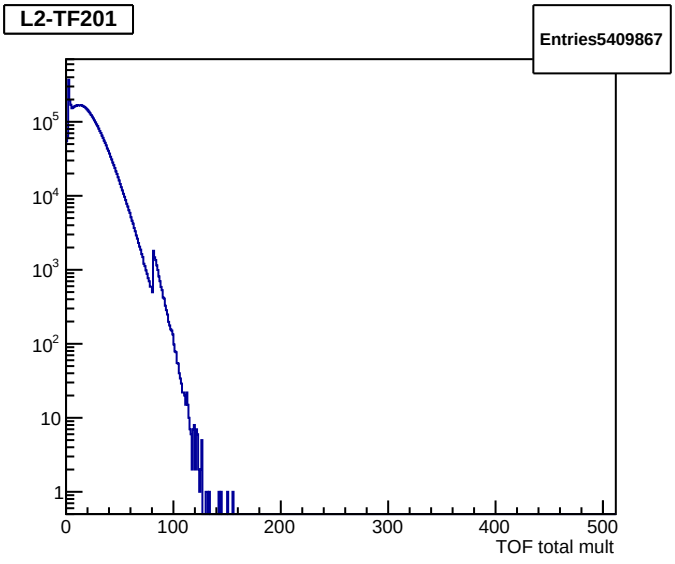

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

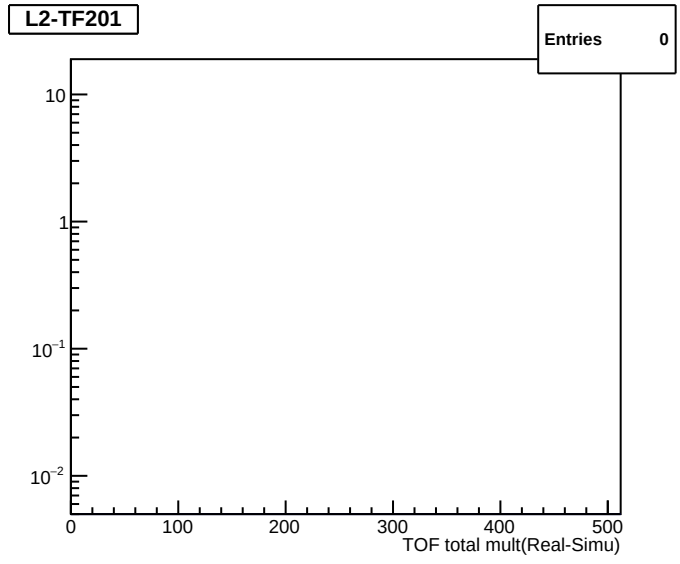

MIX-TF101
Entries 3.24592e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

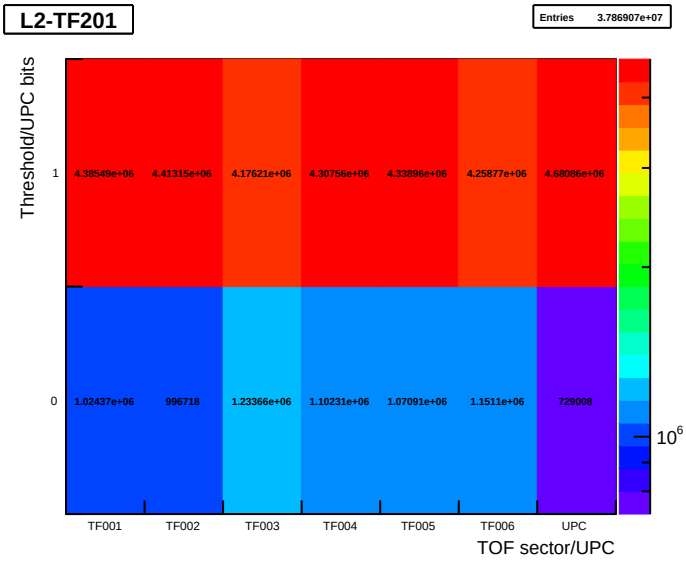

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

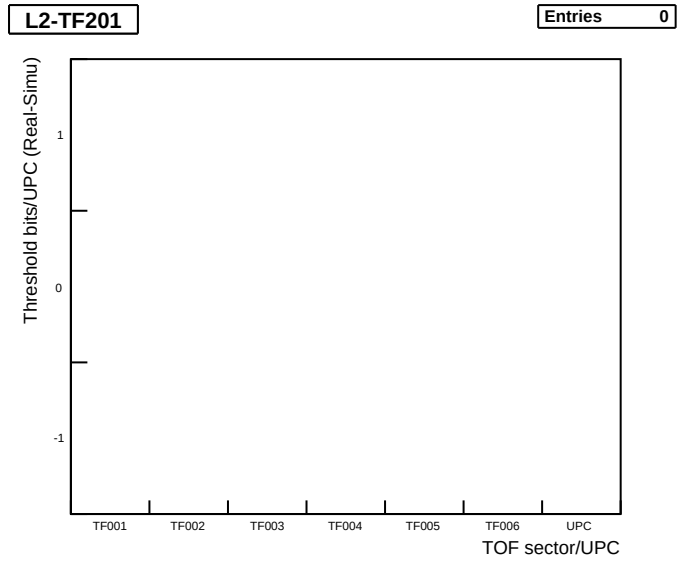

MIX-TF101
Entries 3.24592e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

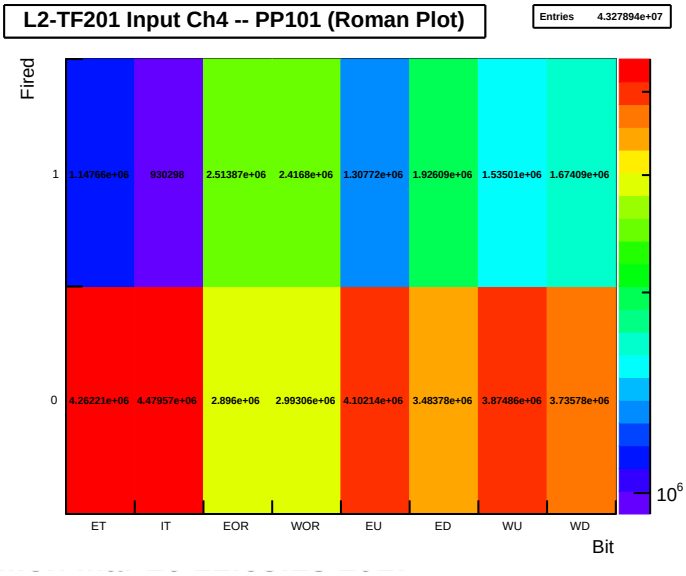

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

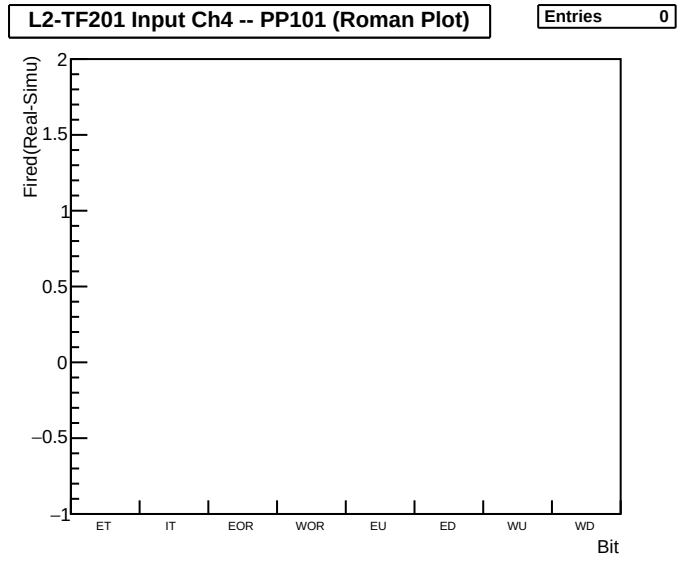

L2-TF201
Entries5409867
TOF total mult

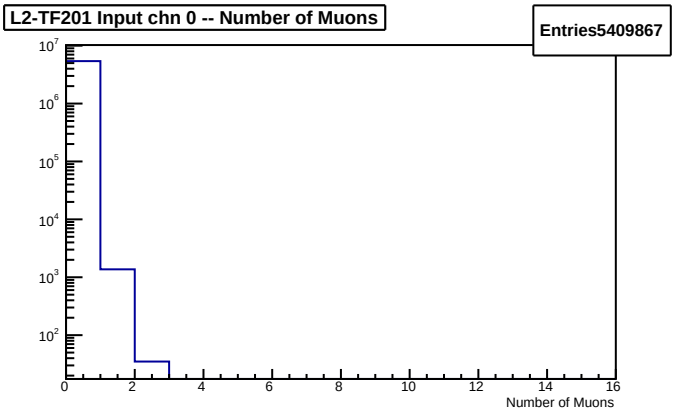

L2-TF201
Entries 0
TOF total mult(Real-Simu)

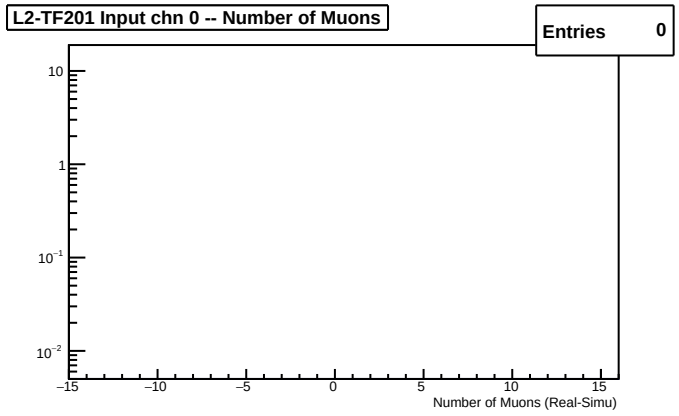

L2-TF201
Entries 3.786907e+07
Threshold/UPC bits
4.38549e+06
4.41315e+06
4.17621e+06
4.30756e+06
4.33896e+06
4.25877e+06
4.68086e+06
1.02437e+06
996718
1.23366e+06
1.10231e+06
1.07091e+06
1.1511e+06
729008
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

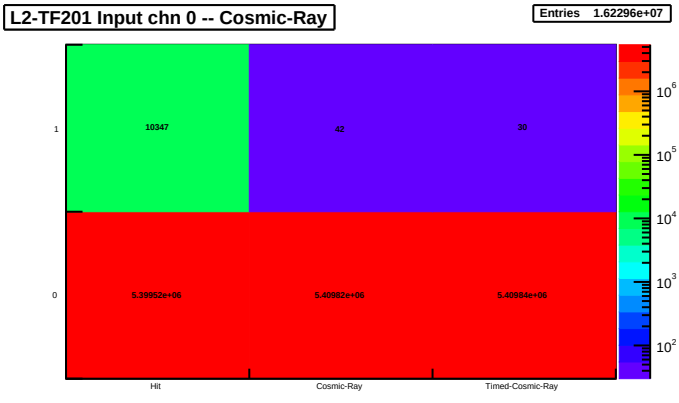

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

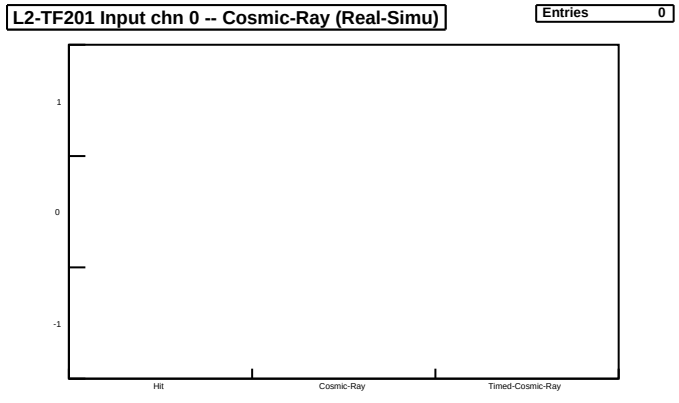

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.327894e+07
Fired
1.14766e+06
930298
2.51387e+06
2.4168e+06
1.30772e+06
1.92609e+06
1.53501e+06
1.67409e+06
4.26221e+06
4.47957e+06
2.896e+06
2.99306e+06
4.10214e+06
3.48378e+06
3.87486e+06
3.73578e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

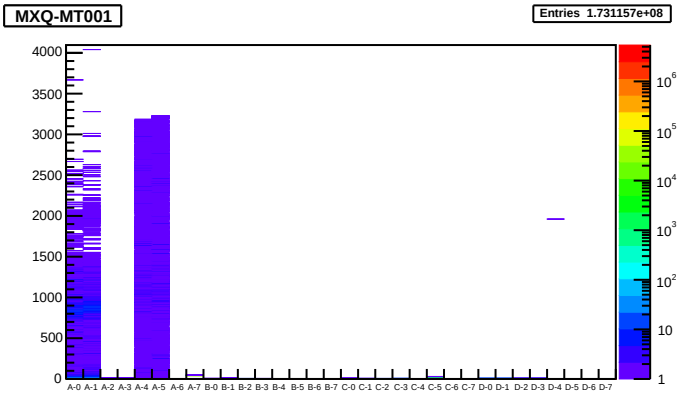

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

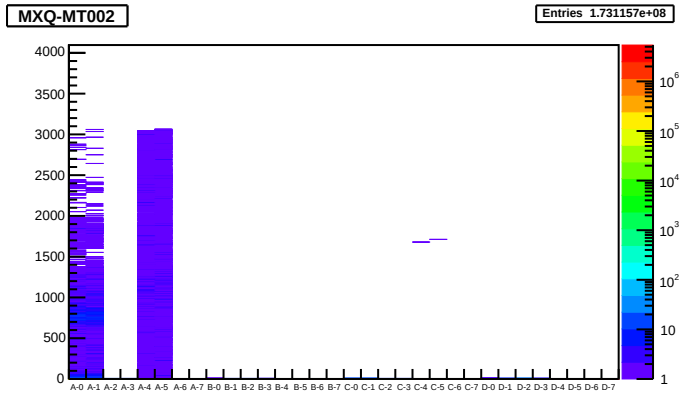

L2-TF201 Input chn 0 -- Number of Muons
Entries5409867
Number of Muons

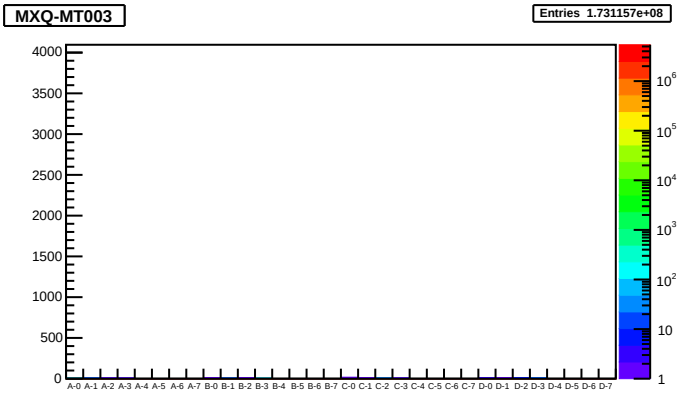

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

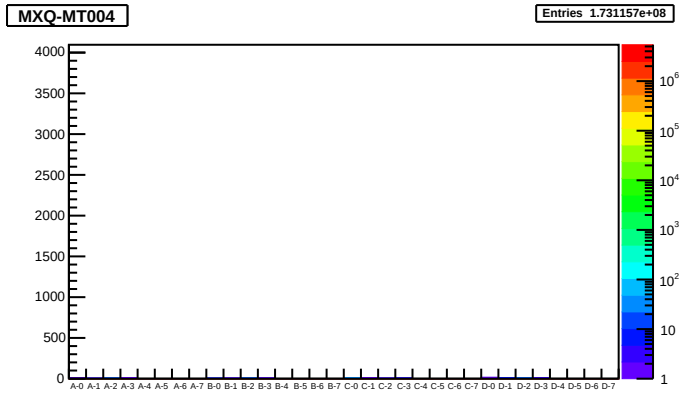

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.62296e+07
10347
42
30
5.39952e+06
5.40982e+06
5.40984e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

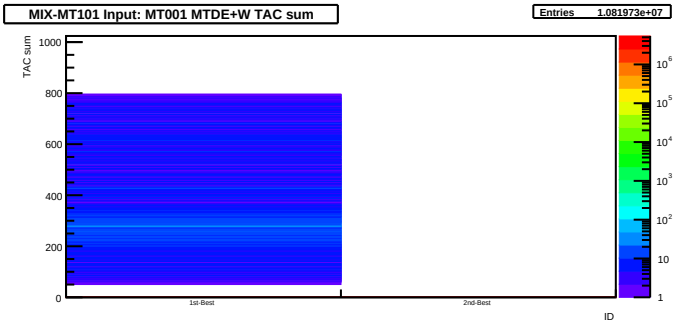

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

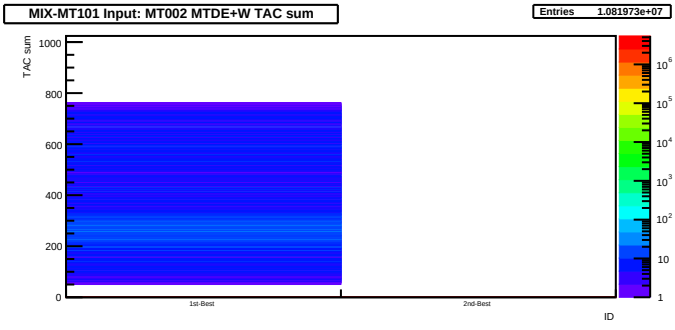

MXQ-MT001
Entries 1.731157e+08

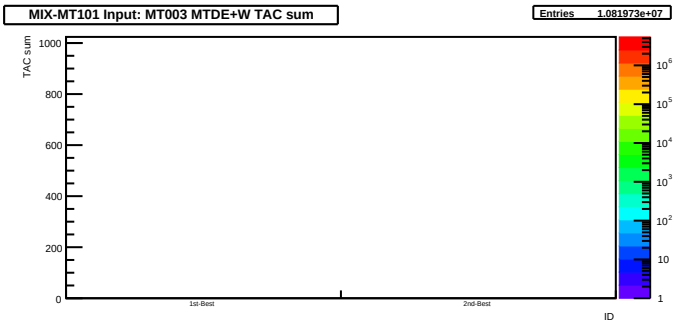

MXQ-MT002
Entries 1.731157e+08

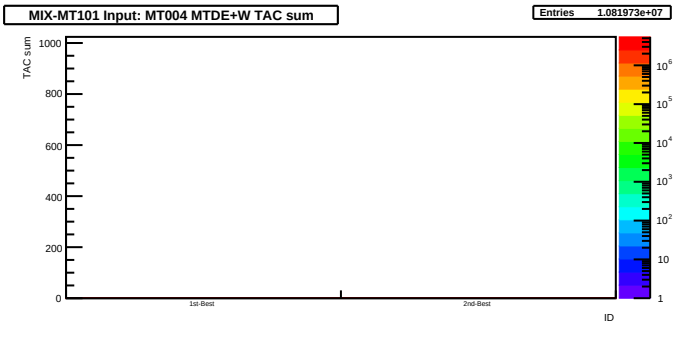

MXQ-MT003
Entries 1.731157e+08

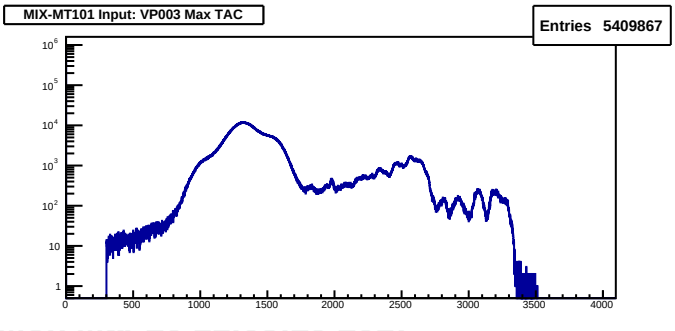

MXQ-MT004
Entries 1.731157e+08

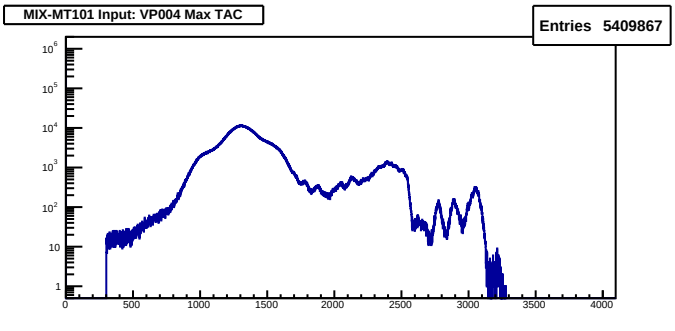

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.081973e+07
TAC sum
1st-Best
2nd-Best
ID

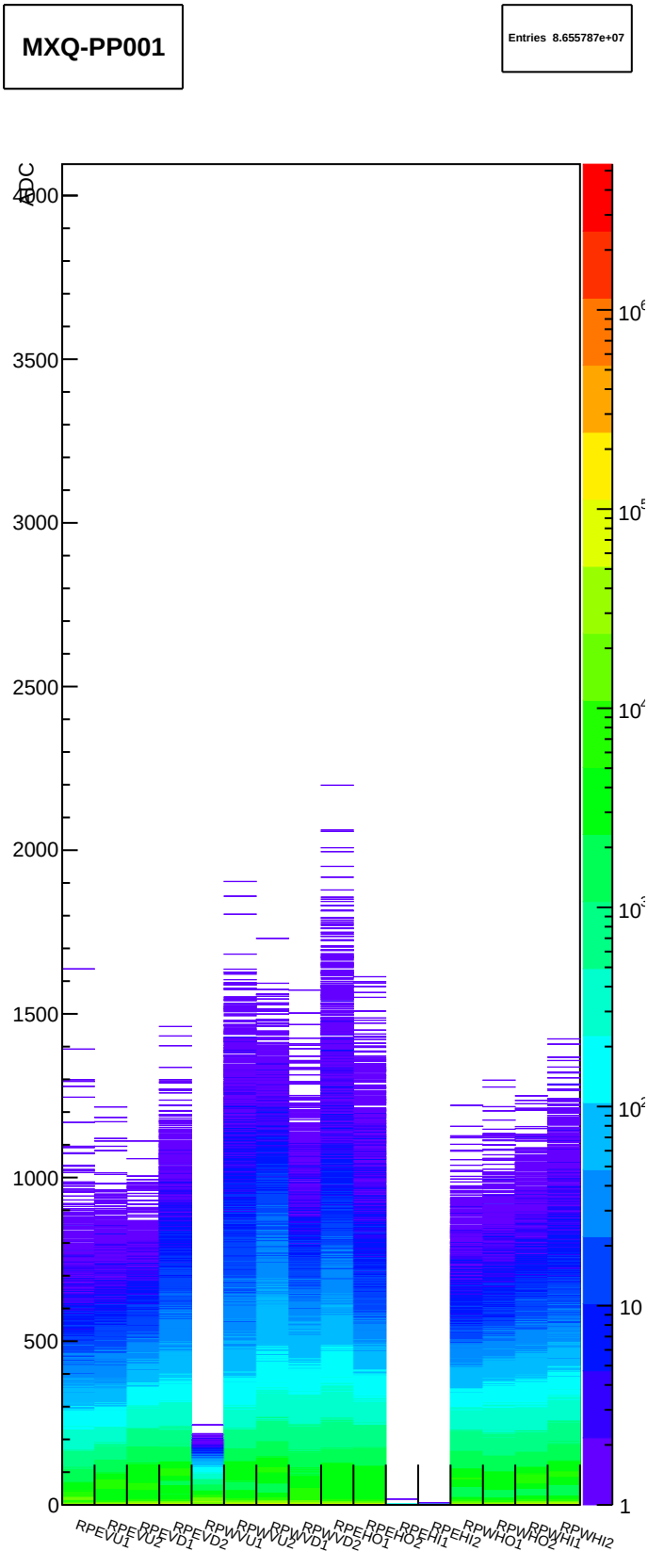

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.081973e+07
TAC sum
1st-Best
2nd-Best
ID

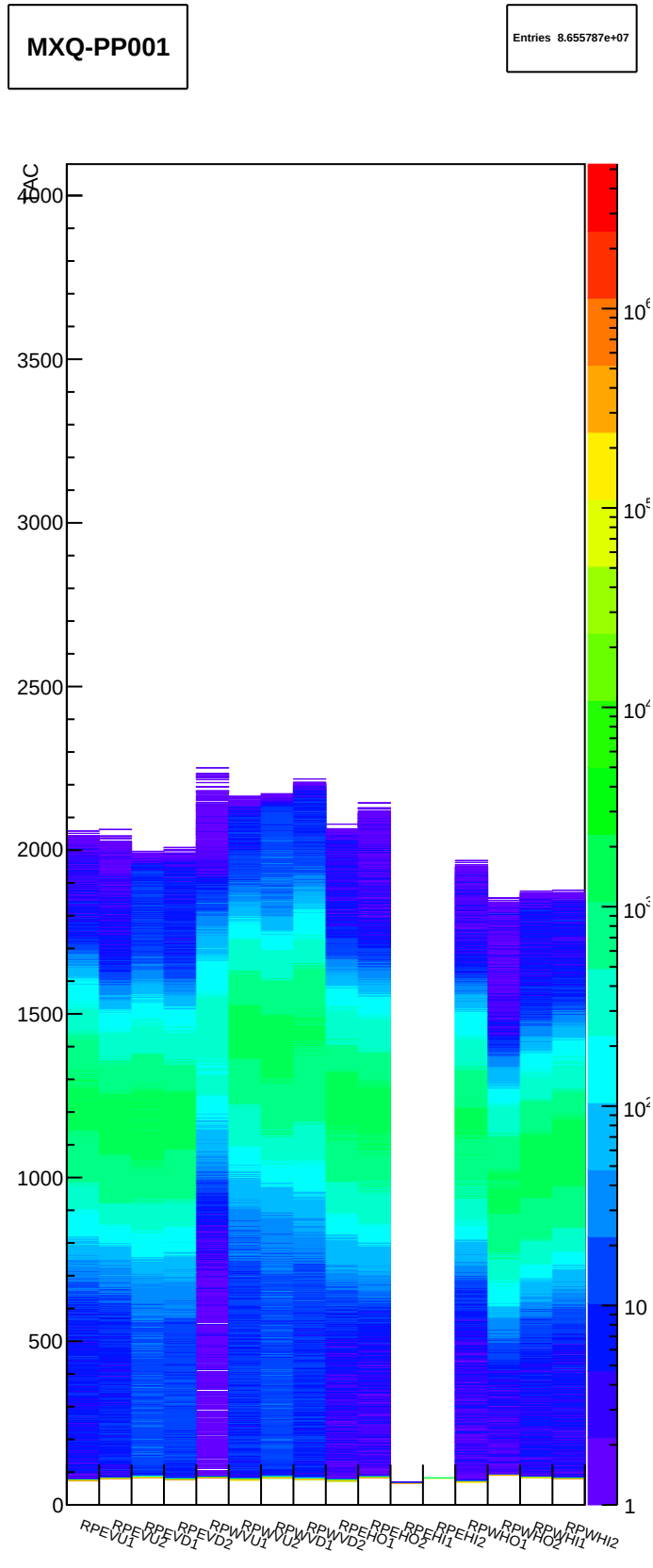

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.081973e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.081973e+07
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 5409867


MIX-MT101 Input: VP004 Max TAC
Entries 5409867


MXQ-PP001
Entries 8.655787e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-PP001
Entries 8.655787e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
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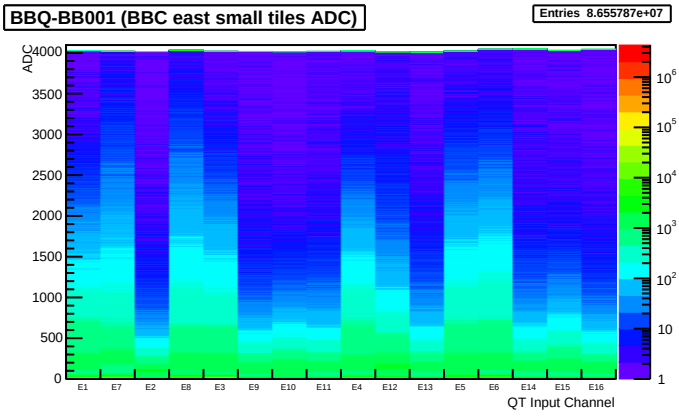
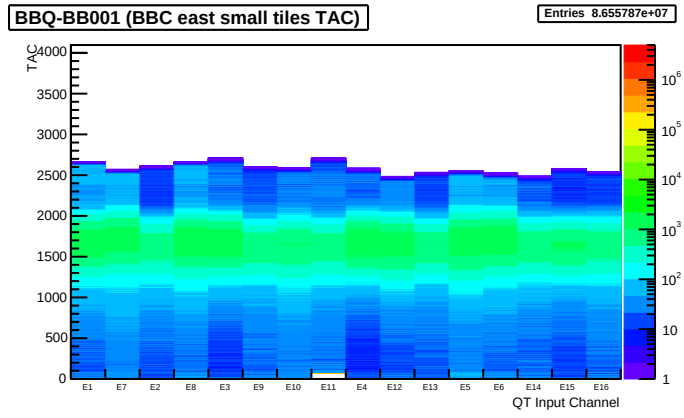
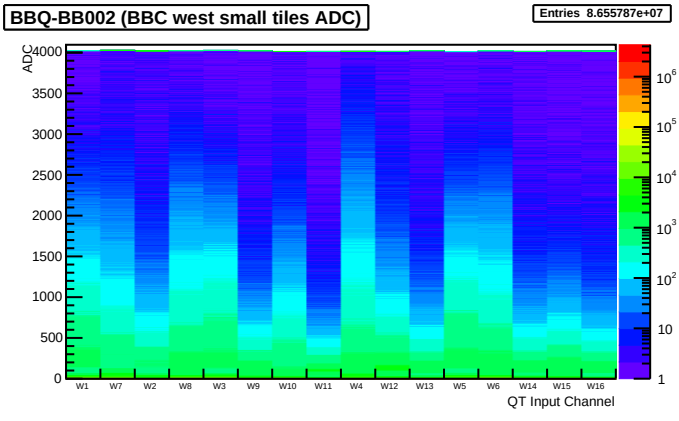
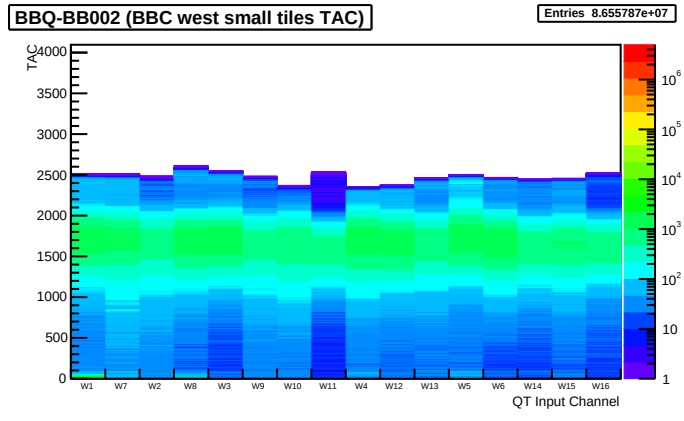
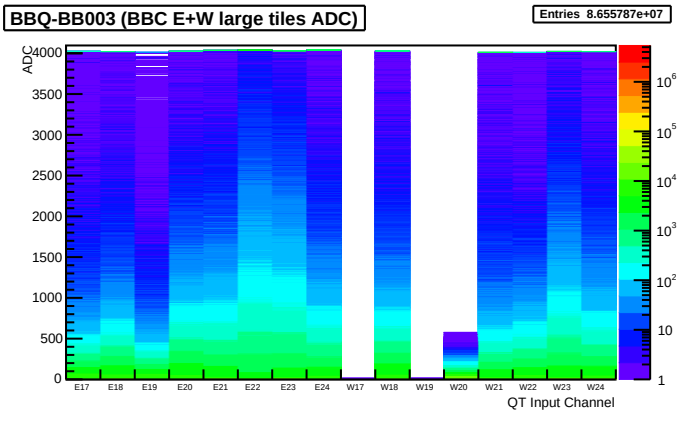
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

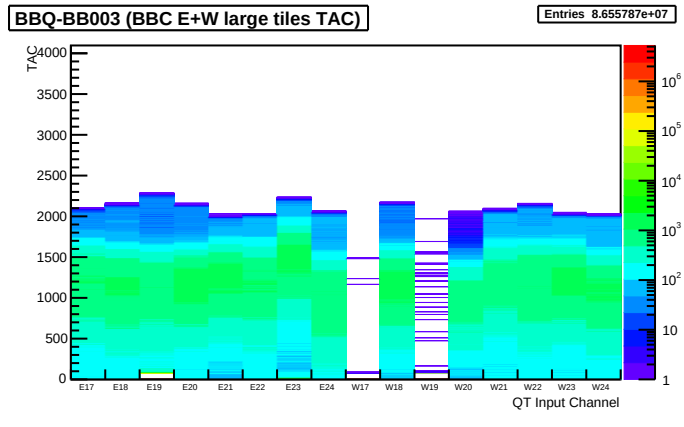

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.655787e+07
ADC
QT Input Channel

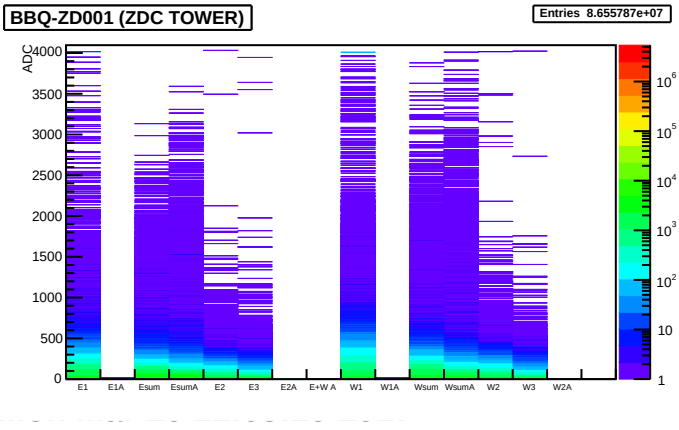

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.655787e+07
TAC
QT Input Channel

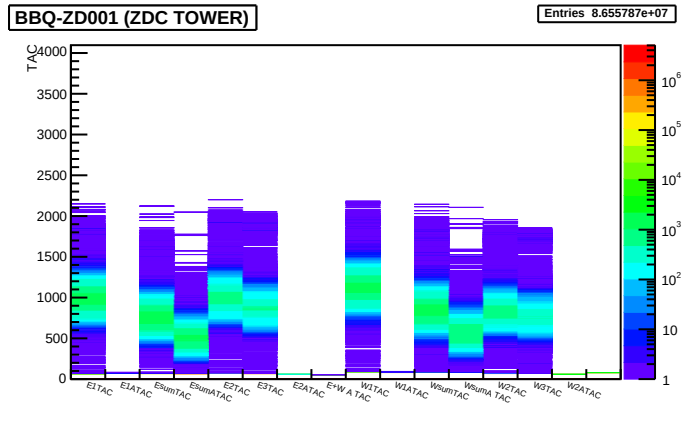

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.655787e+07
ADC
QT Input Channel

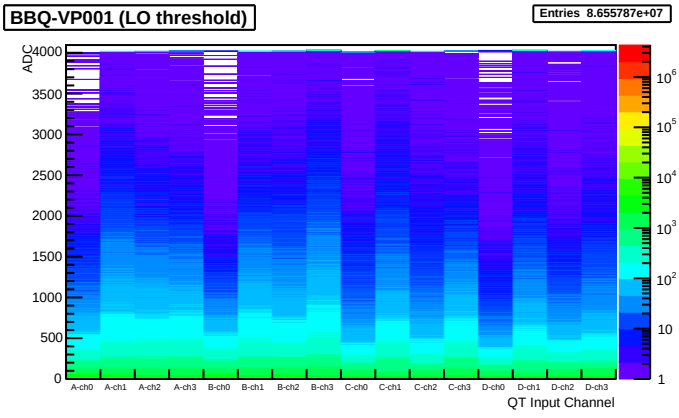

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.655787e+07
TAC
QT Input Channel

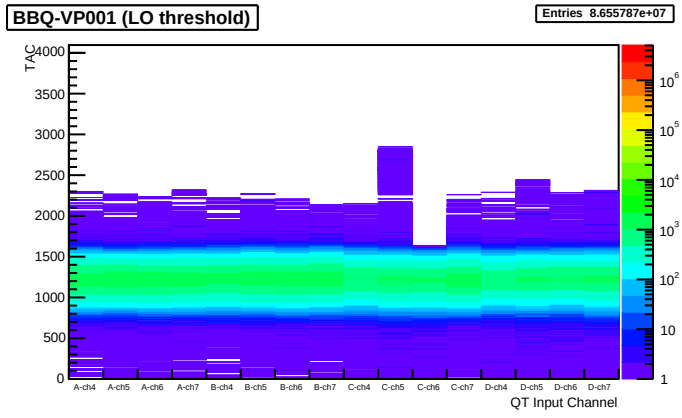

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.655787e+07
ADC
QT Input Channel

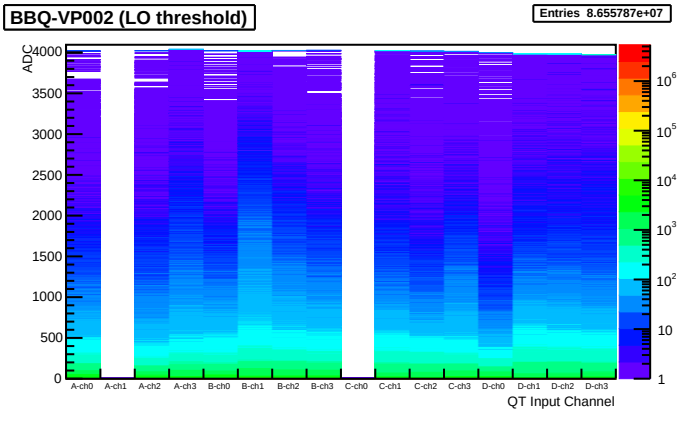

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.655787e+07
TAC
QT Input Channel

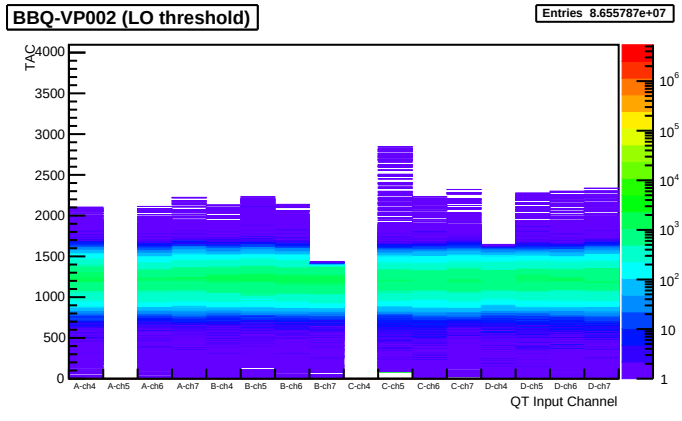

BBQ-ZD001 (ZDC TOWER)
Entries 8.655787e+07
ADC

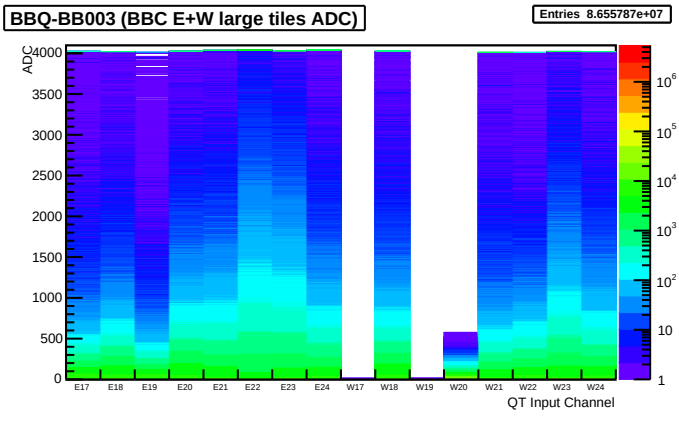

BBQ-ZD001 (ZDC TOWER)
Entries 8.655787e+07
TAC

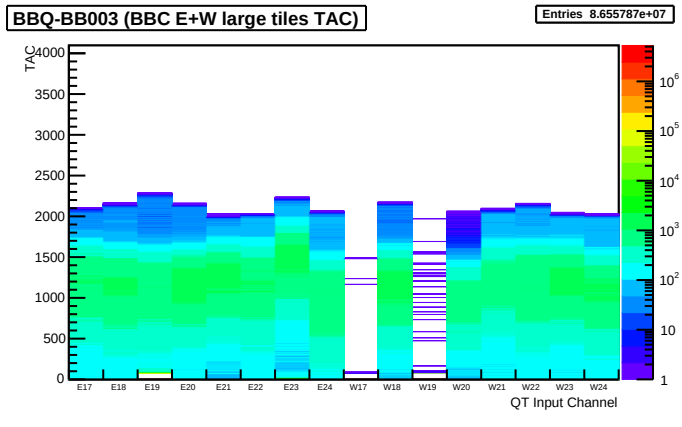

BBQ-VP001 (LO threshold)
Entries 8.655787e+07
ADC
QT Input Channel

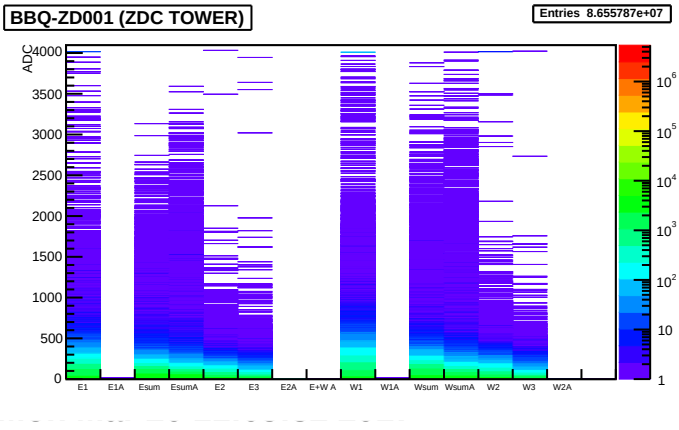

BBQ-VP001 (LO threshold)
Entries 8.655787e+07
TAC
QT Input Channel

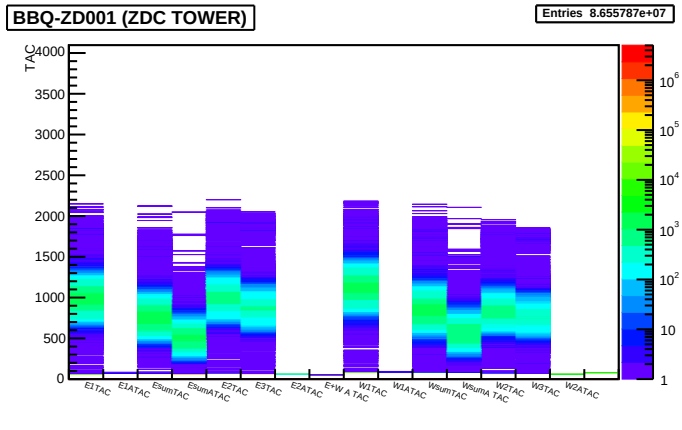

BBQ-VP002 (LO threshold)
Entries 8.655787e+07
ADC
QT Input Channel

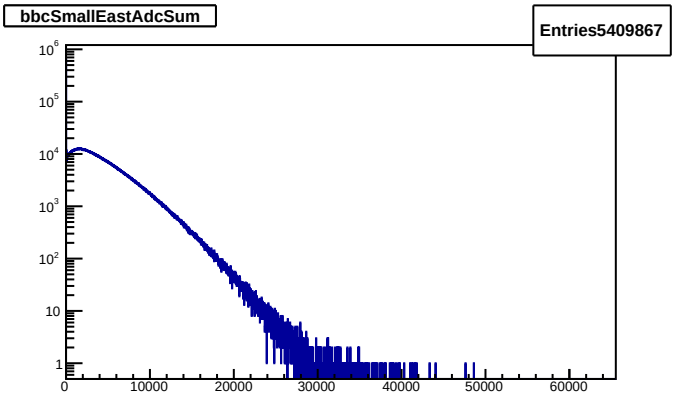

BBQ-VP002 (LO threshold)
Entries 8.655787e+07
TAC
QT Input Channel

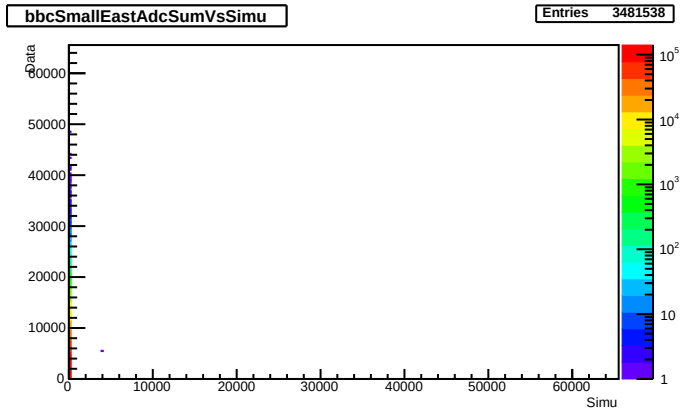

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.655787e+07
ADC
QT Input Channel

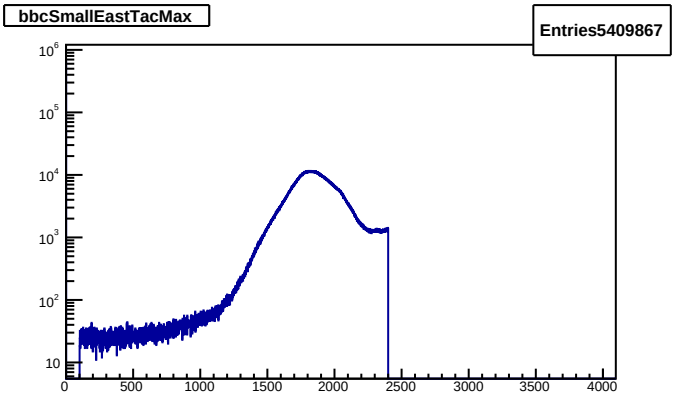

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.655787e+07
TAC
QT Input Channel

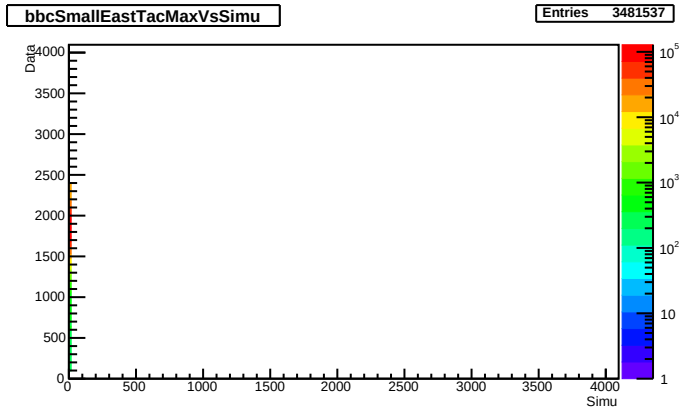

BBQ-ZD001 (ZDC TOWER)
Entries 8.655787e+07
ADC

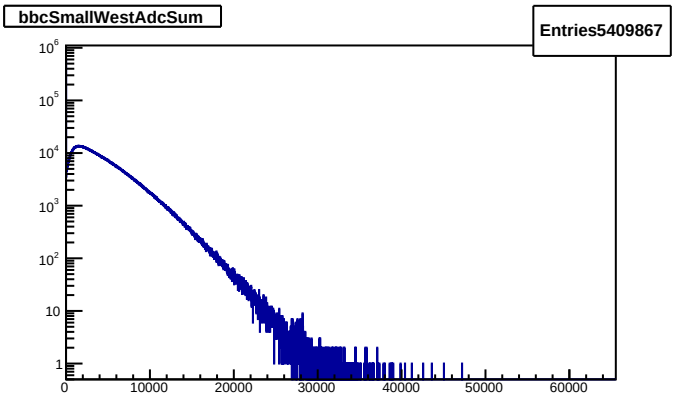

BBQ-ZD001 (ZDC TOWER)
Entries 8.655787e+07
TAC

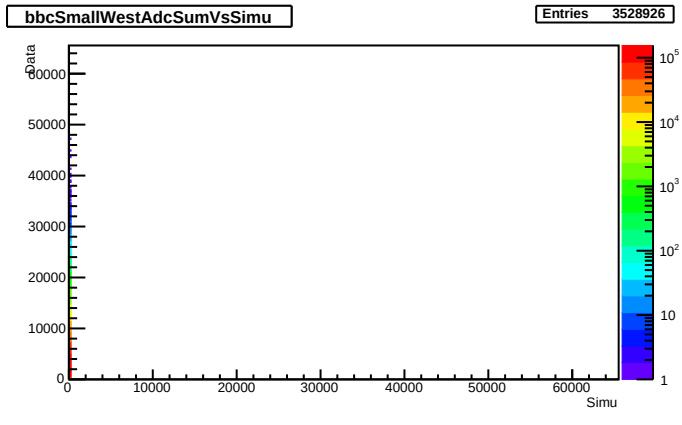

bbcSmallEastAdcSum
Entries5409867

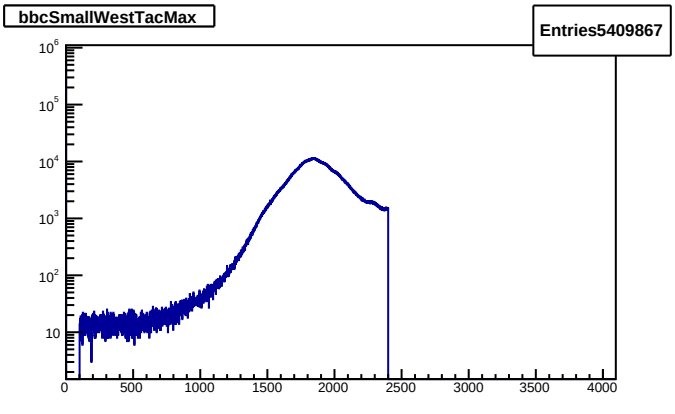

bbcSmallEastAdcSumVsSimu
Entries 3481538
Data
Simu

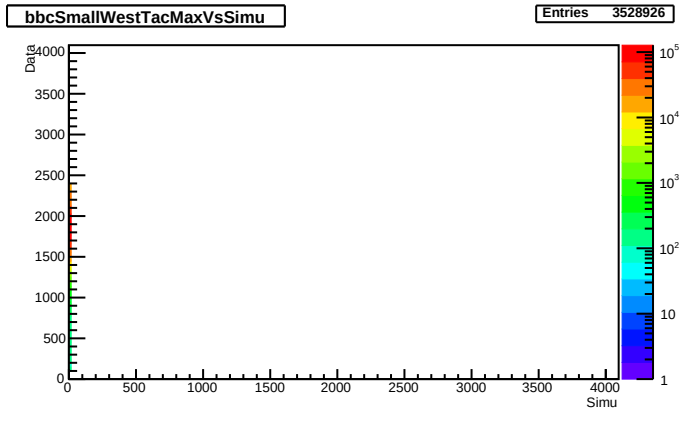

bbcSmallEastTacMax
Entries5409867

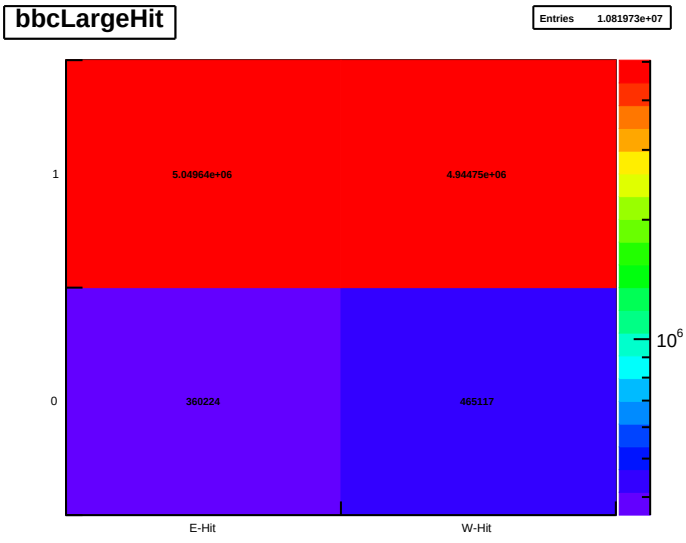

bbcSmallEastTacMaxVsSimu
Entries 3481537
Data
Simu

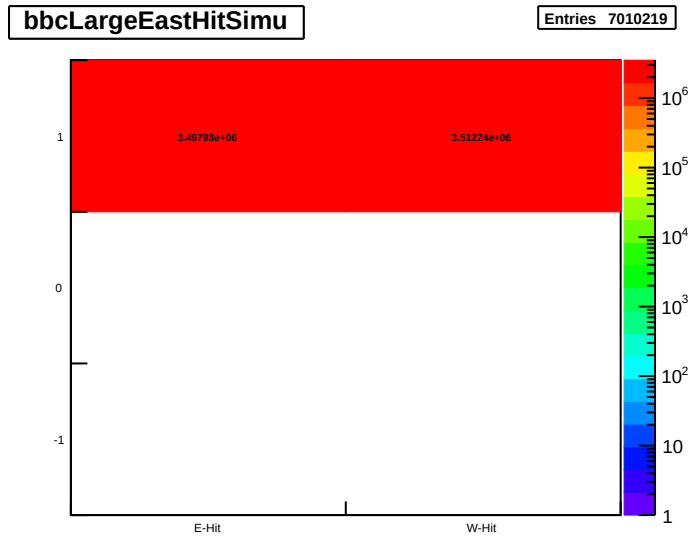

bbcSmallWestAdcSum
Entries5409867

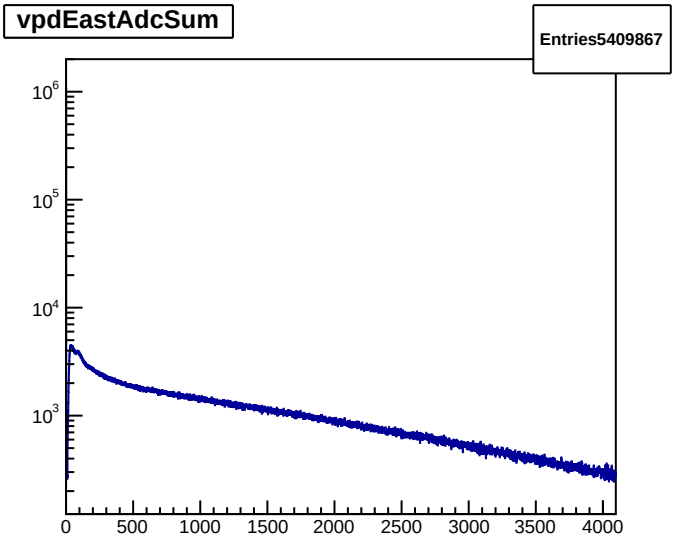

bbcSmallWestAdcSumVsSimu
Entries 3528926
Data
Simu

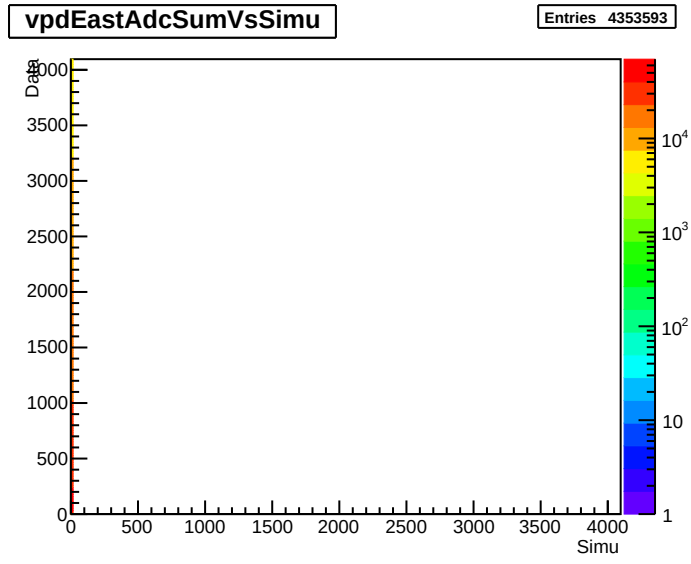

bbcSmallWestTacMax
Entries5409867

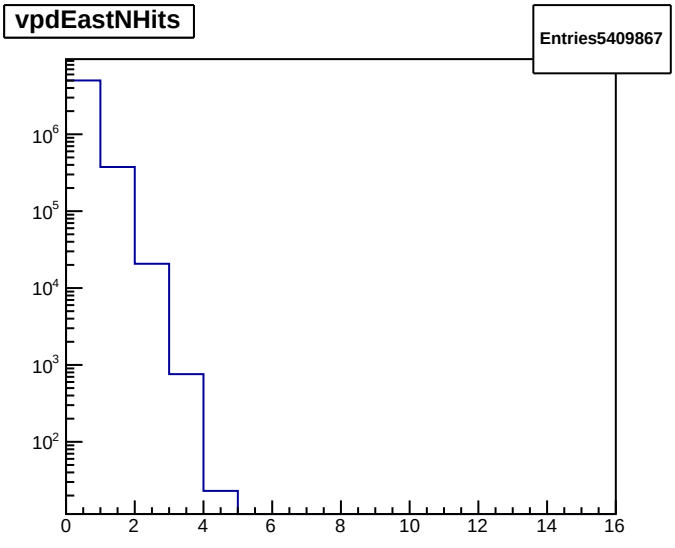

bbcSmallWestTacMaxVsSimu
Entries 3528926
Data
Simu

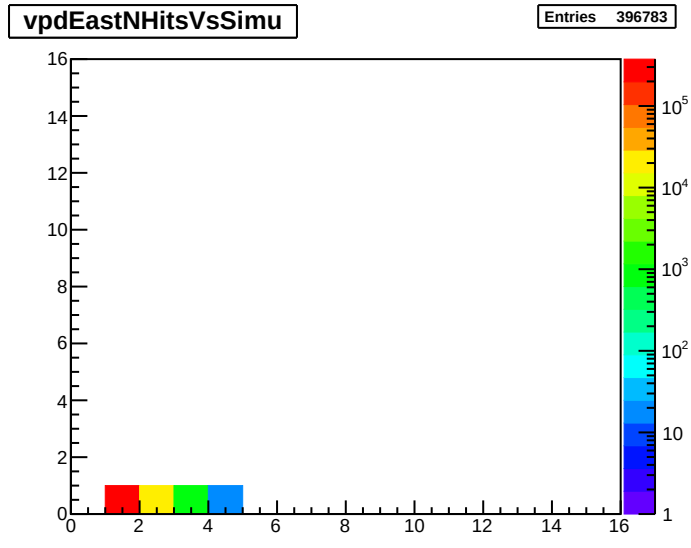

bbcLargeHit
Entries 1.081973e+07
1
0
5.04964e+06
4.94475e+06
360224
465117
E-Hit
W-Hit
10^6

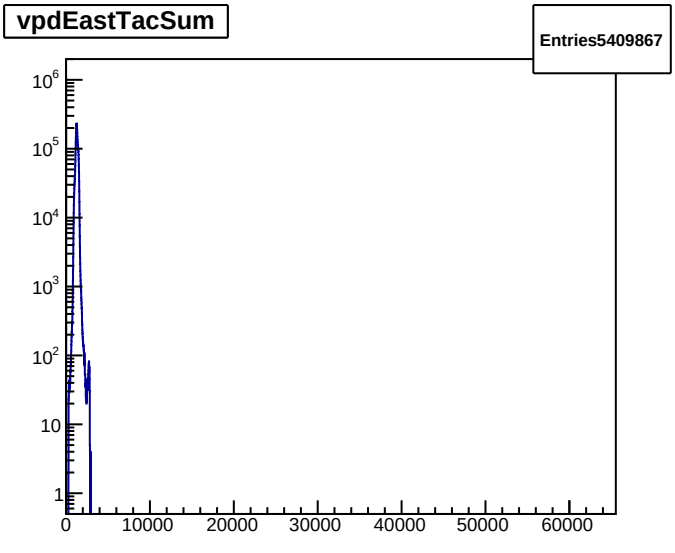

bbcLargeEastHitSimu
Entries 7010219
1
0
-1
3.49798e+06
3.51224e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

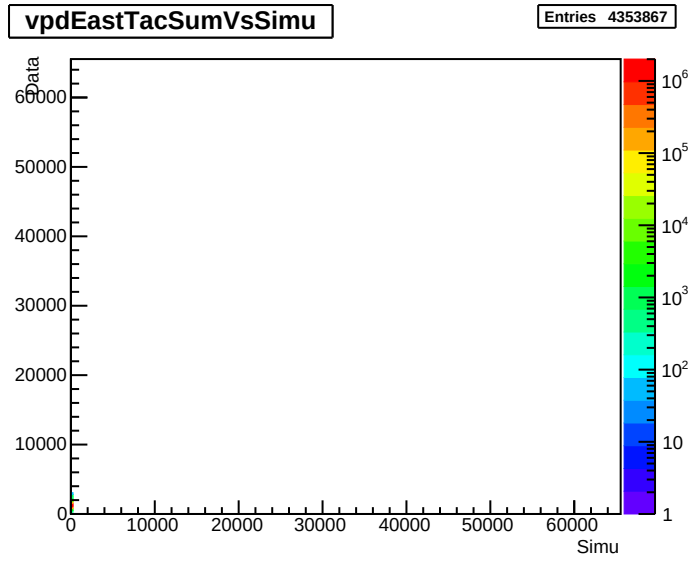

vpdEastAdcSum
Entries5409867

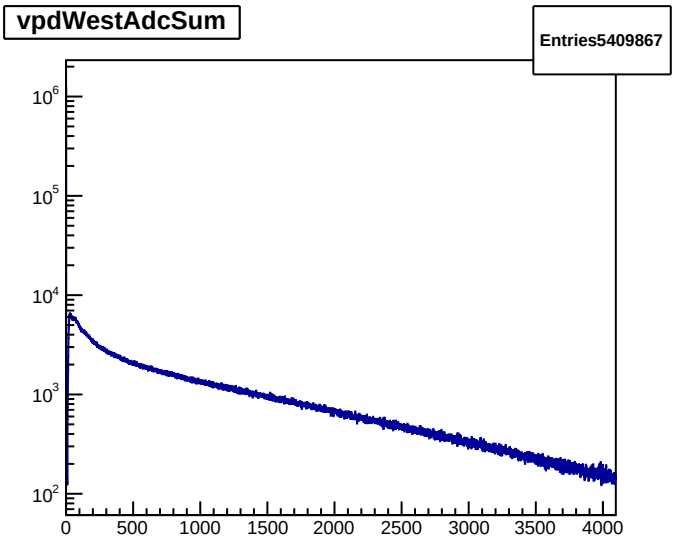

vpdEastAdcSumVsSimu
Entries 4353593
Data
Simu

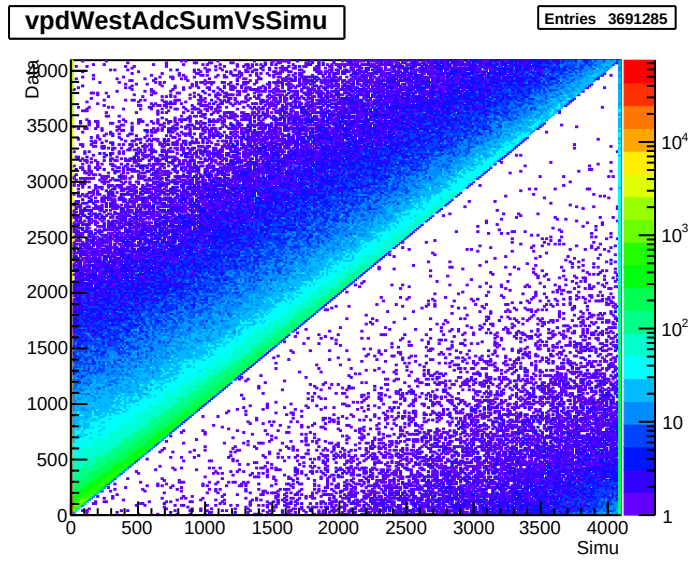

vpdEastNHits
Entries5409867

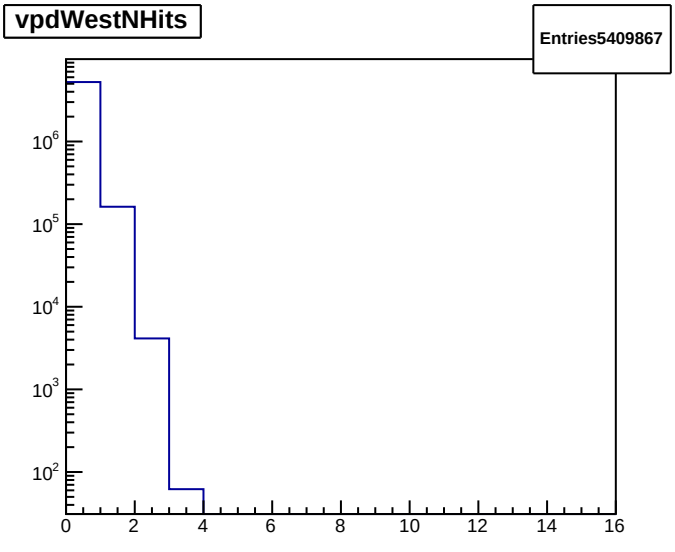

vpdEastNHitsVsSimu
Entries 396783

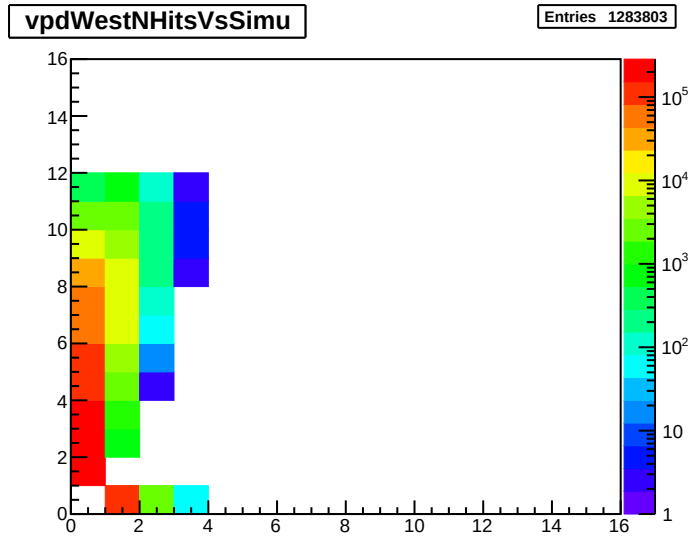

vpdEastTacSum
Entries5409867

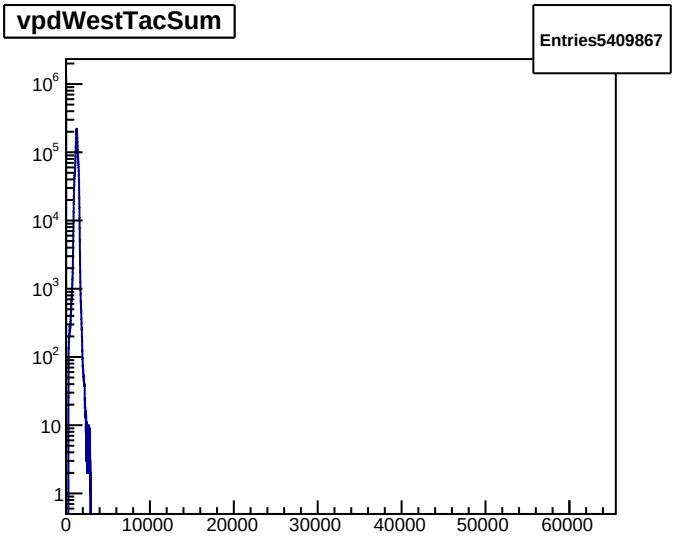

vpdEastTacSumVsSimu
Entries 4353867
Data
Simu

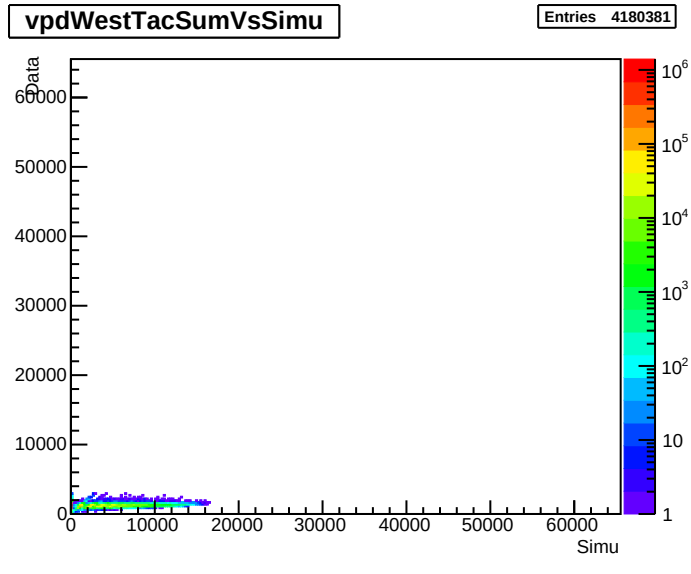

vpdWestAdcSum
Entries5409867

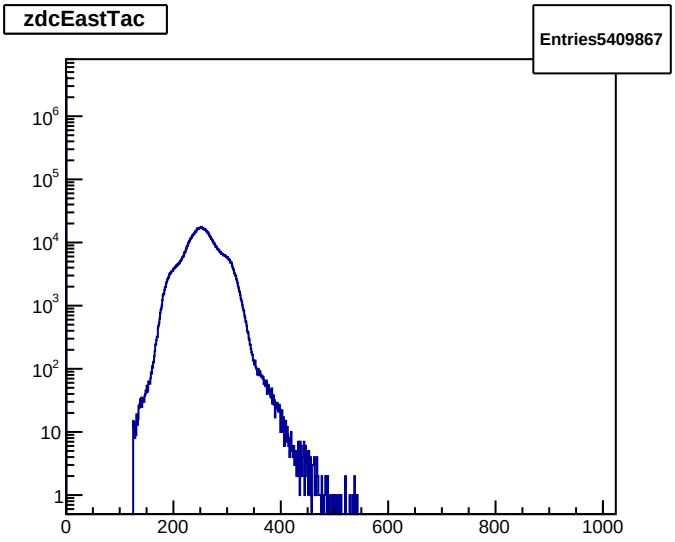

vpdWestAdcSumVsSimu
Entries 3691285
Data
Simu

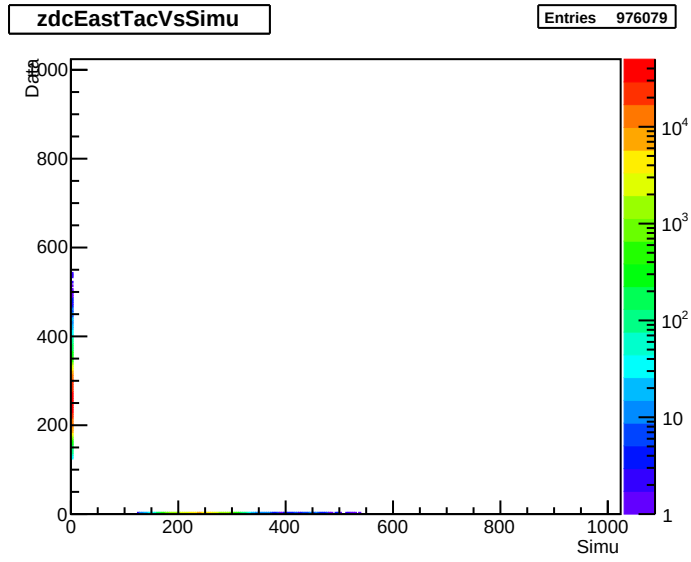

vpdWestNHits
Entries5409867

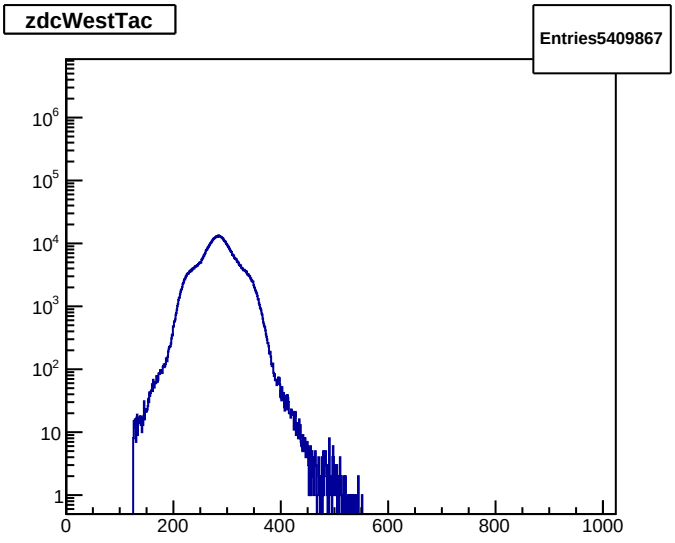

vpdWestNHitsVsSimu
Entries 1283803

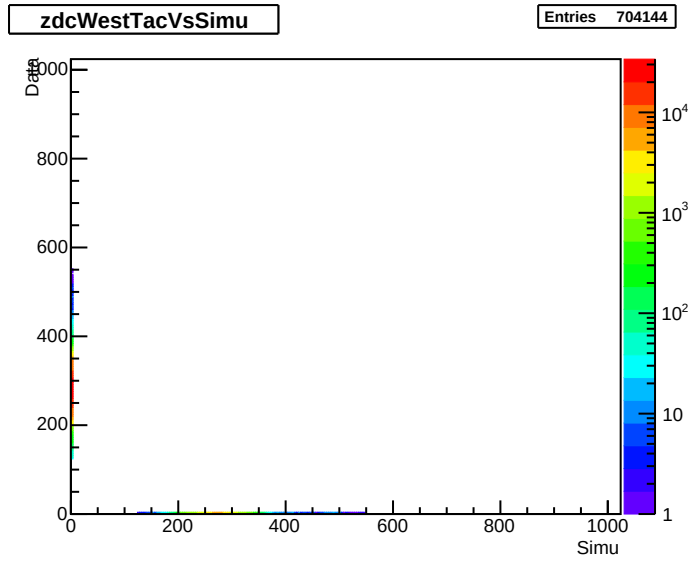

vpdWestTacSum
Entries5409867

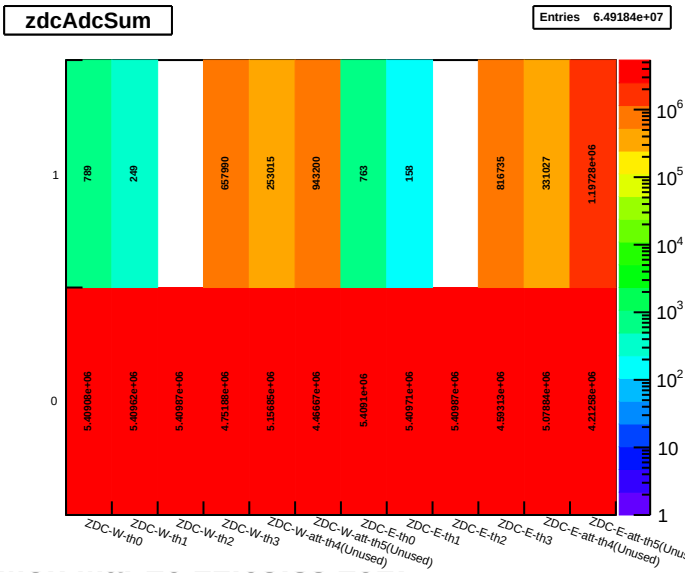

vpdWestTacSumVsSimu
Entries 4180381
Data
Simu

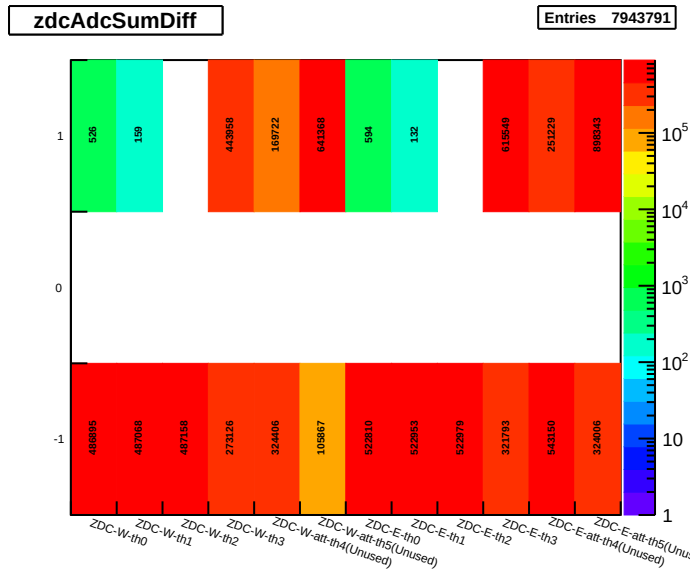

zdcEastTac
Entries5409867

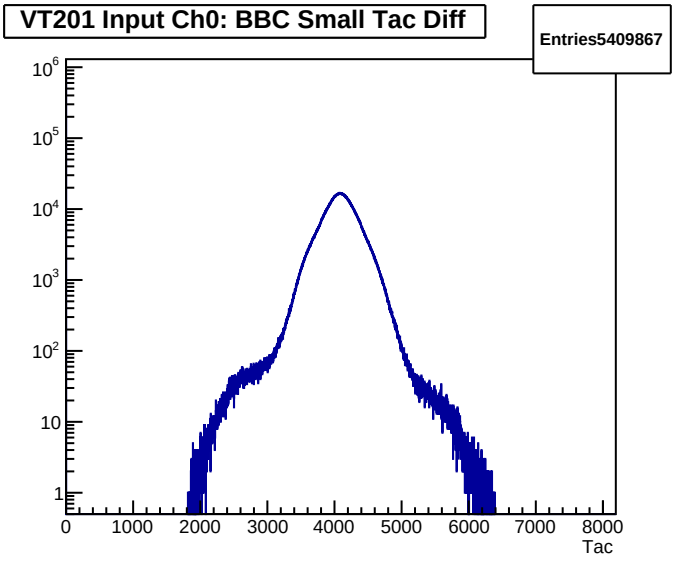

zdcEastTacVsSimu
Entries 976079
Data
Simu

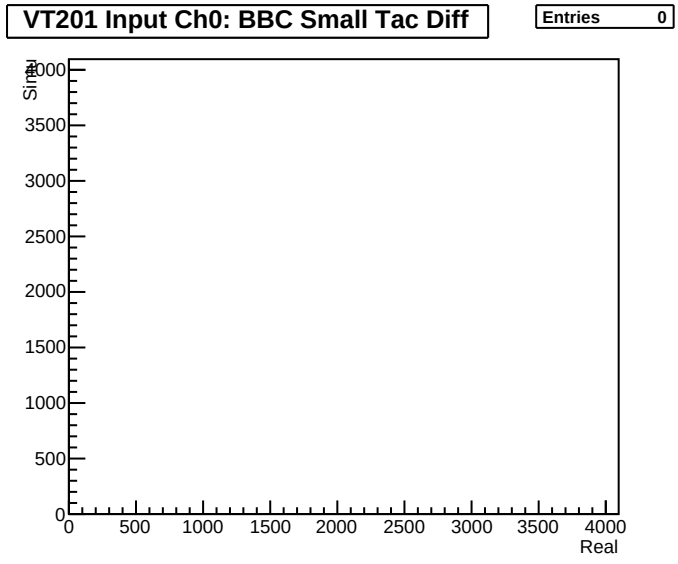

zdcWestTac
Entries5409867

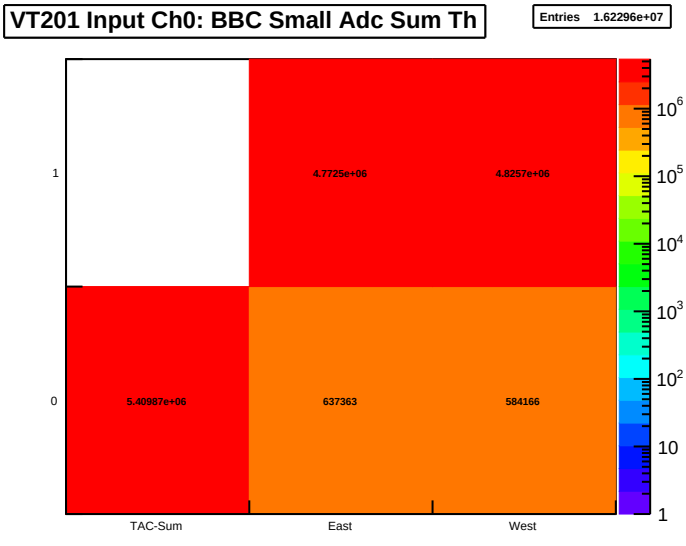

zdcWestTacVsSimu
Entries 704144
Data
Simu

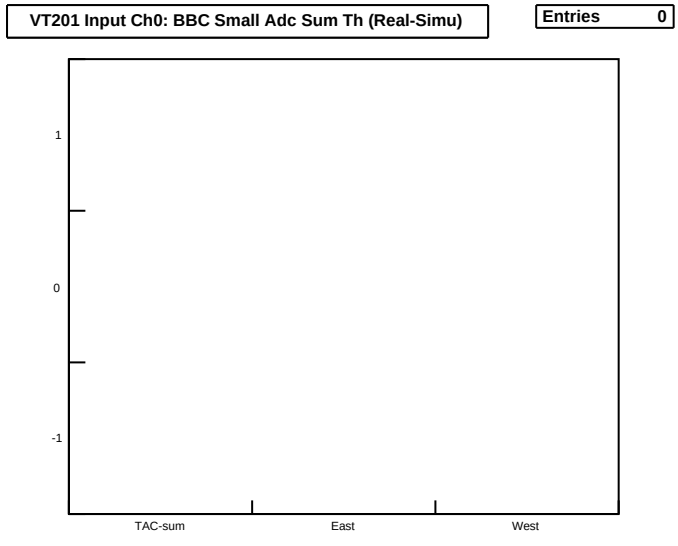

zdcAdcSum
Entries 6.49184e+07
789
249
657990
253015
943200
763
158
816735
331027
1.19728e+06
5.40908e+06
5.40962e+06
5.40987e+06
4.75188e+06
5.15685e+06
4.46667e+06
5.40971e+06
5.40971e+06
5.40987e+06
4.59313e+06
5.07884e+06
4.21258e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

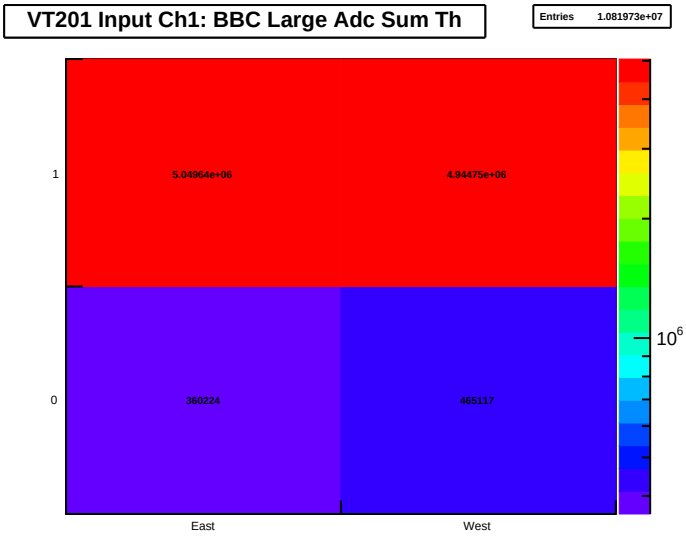

zdcAdcSumDiff
Entries 7943791
526
159
443958
169722
641368
594
132
615549
251229
898343
486995
487068
487158
273126
324406
103867
522810
522953
522979
321793
543150
324006
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

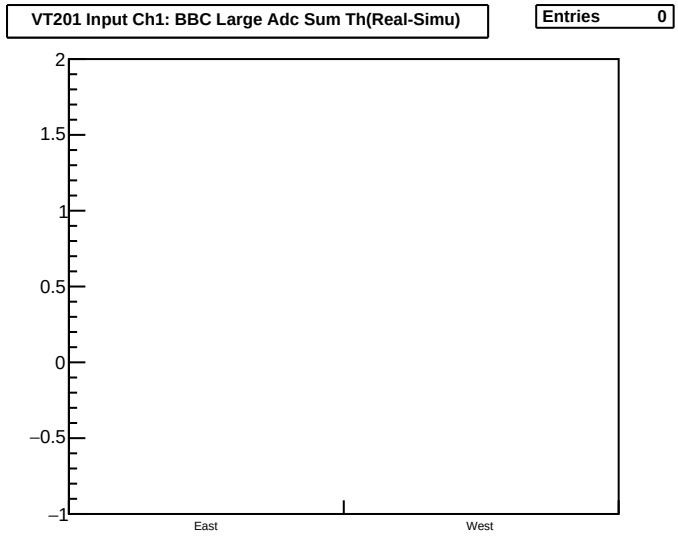

VT201 Input Ch0: BBC Small Tac Diff
Entries5409867
Tac


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

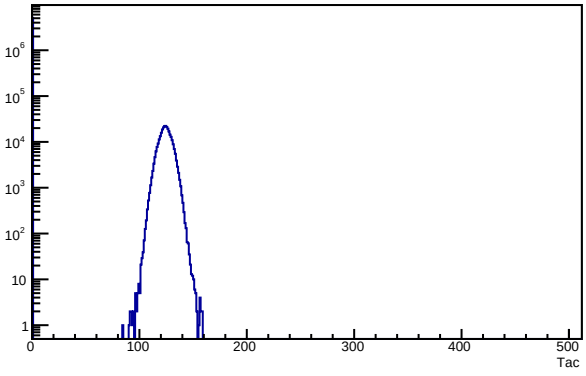

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.62296e+07
4.7725e+06
4.8257e+06
5.40987e+06
637363
584166
TAC-Sum
East
West


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

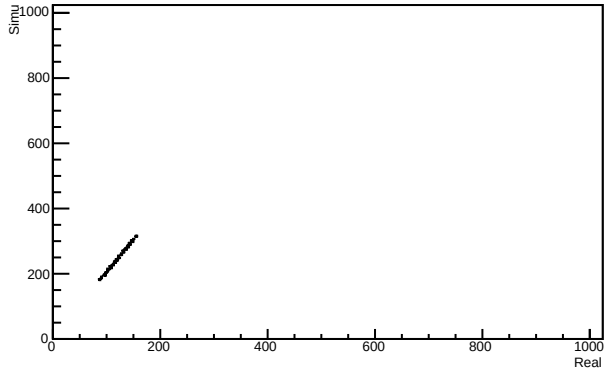

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.081973e+07
5.04964e+06
4.94475e+06
360224
465117
East
West


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

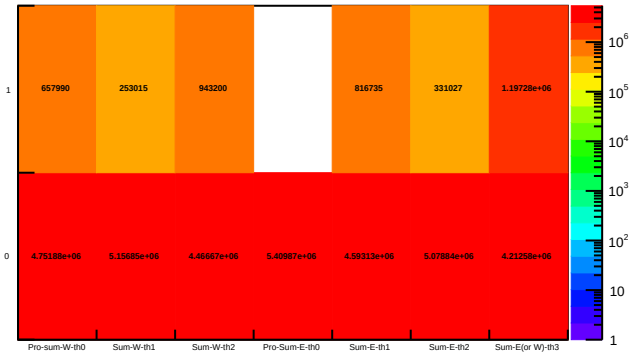
VT201 Input Ch2: ZDC Tac Diff



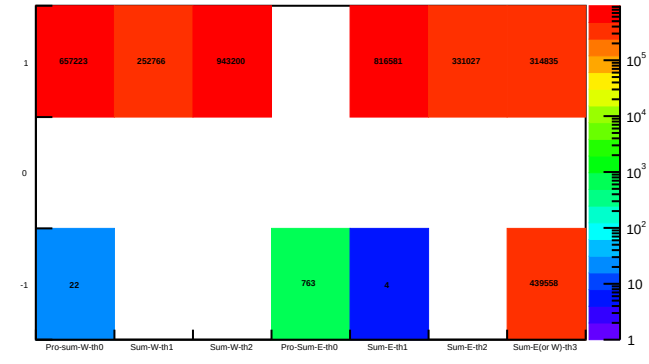
VT201 Input Ch2: ZDC Tac Diff



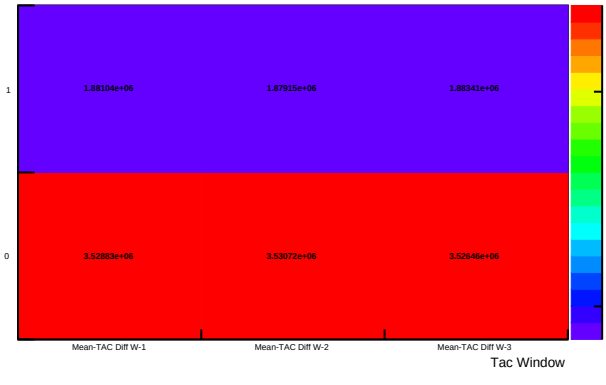
VT201 Input Ch2: ZDC Adc Sum Th



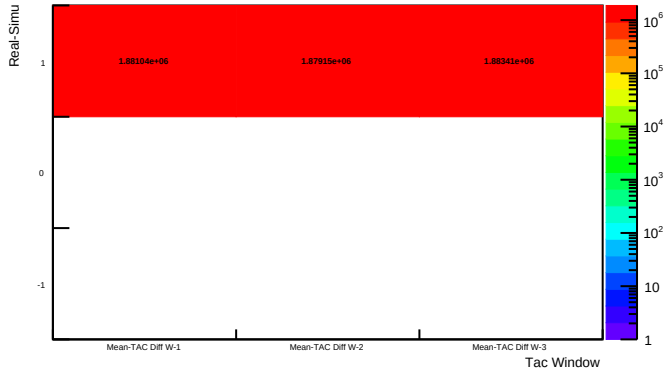
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



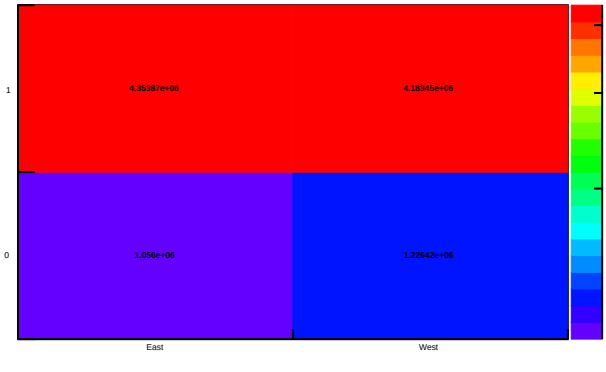
VT201 Input Ch4: VPD Tac Diff



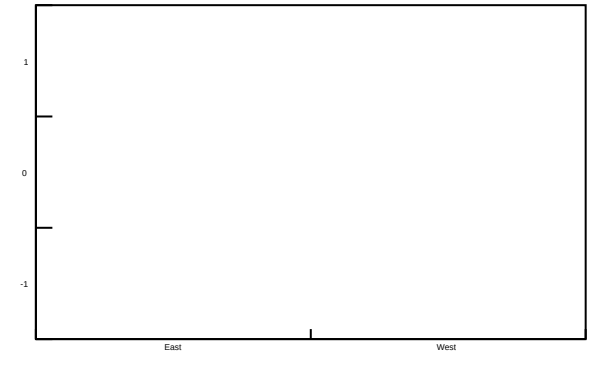
VT201 Input Ch4: VPD Tac Diff

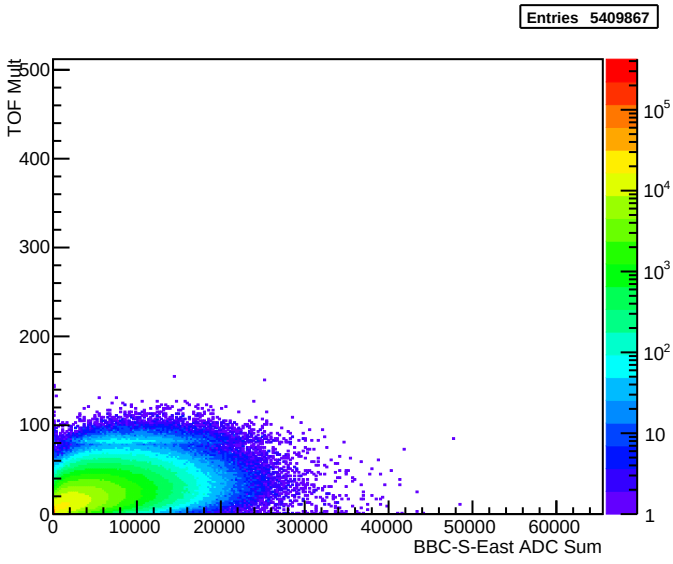


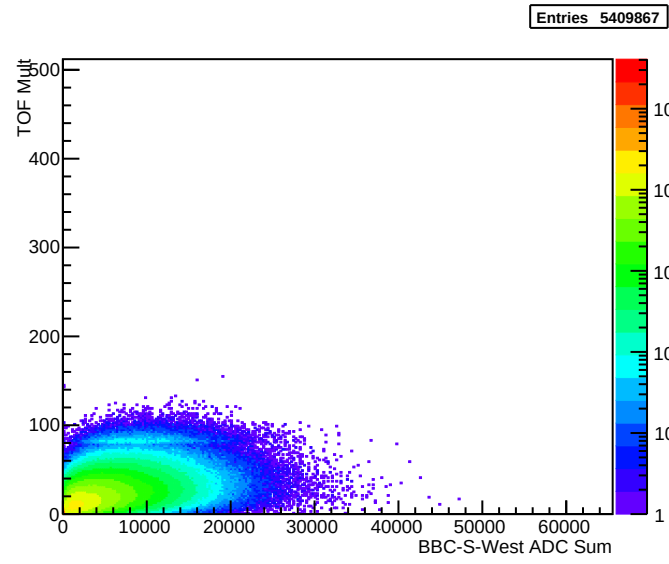
VT201 Input Ch4: VPD Adc Sum Th

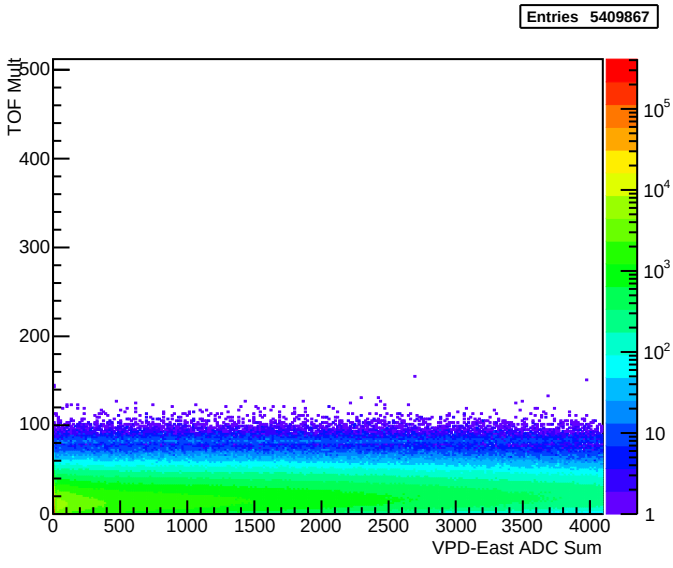


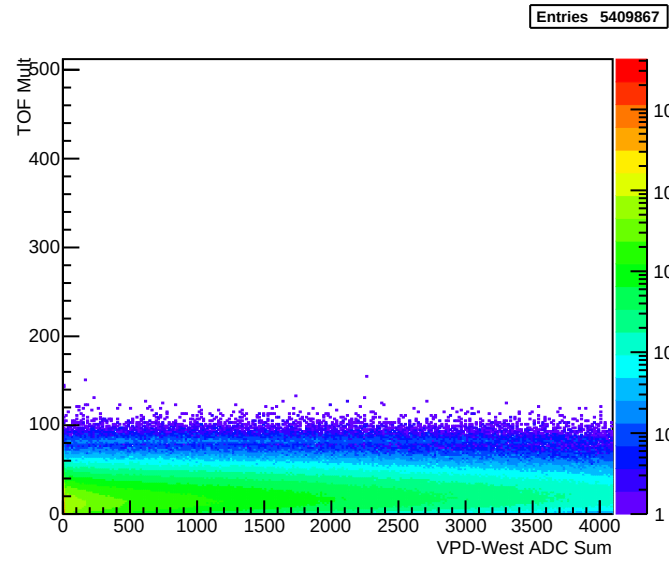
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

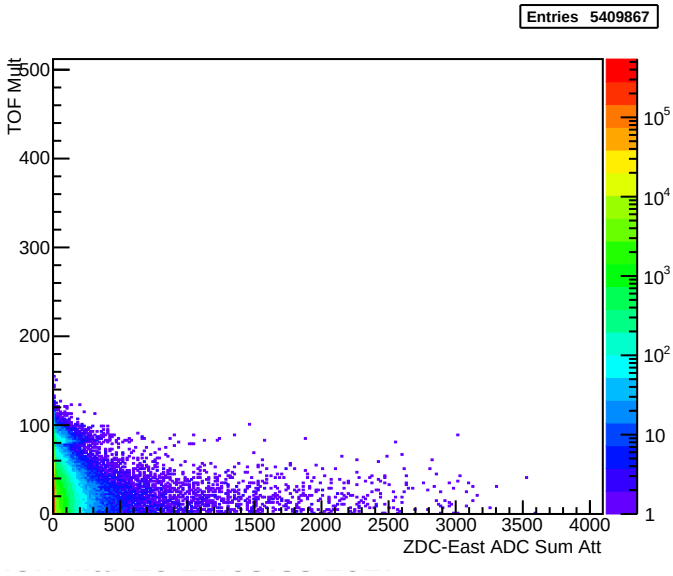


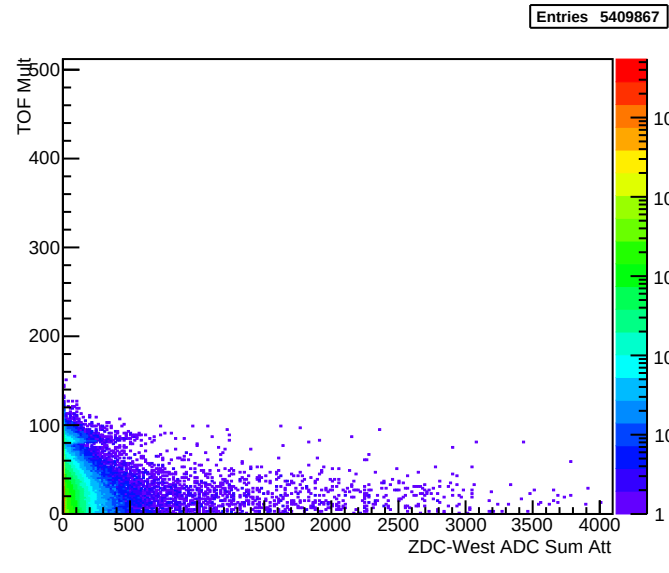

Entries 5409867
TOF Mult
BBC-S-East ADC Sum

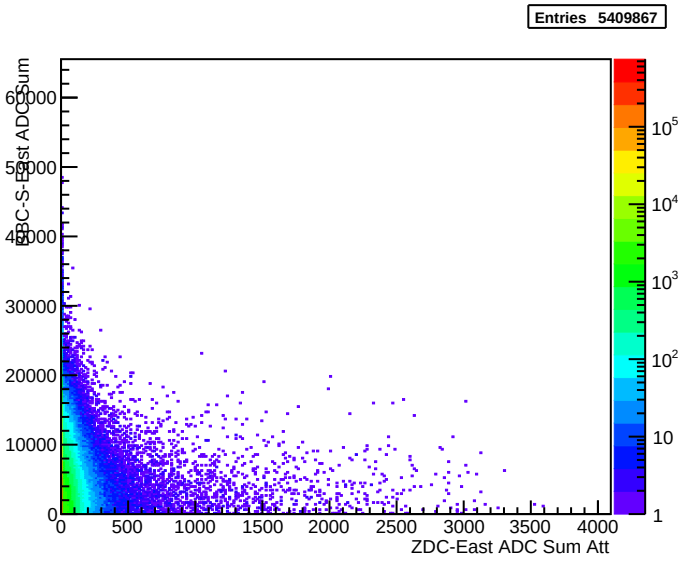

Entries 5409867
TOF Mult
BBC-S-West ADC Sum

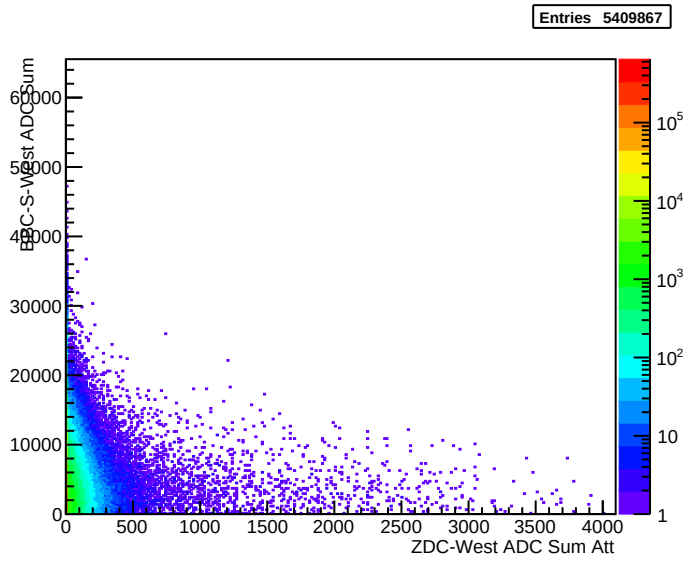

Entries 5409867
TOF Mult
VPD-East ADC Sum

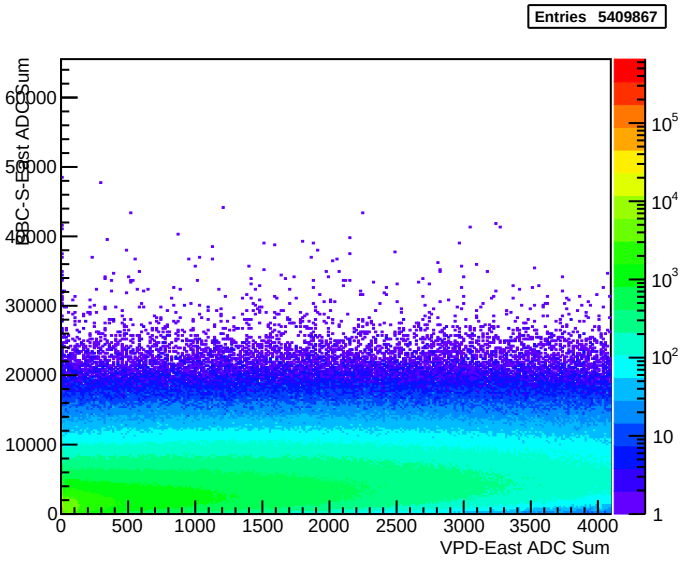

Entries 5409867
TOF Mult
VPD-West ADC Sum

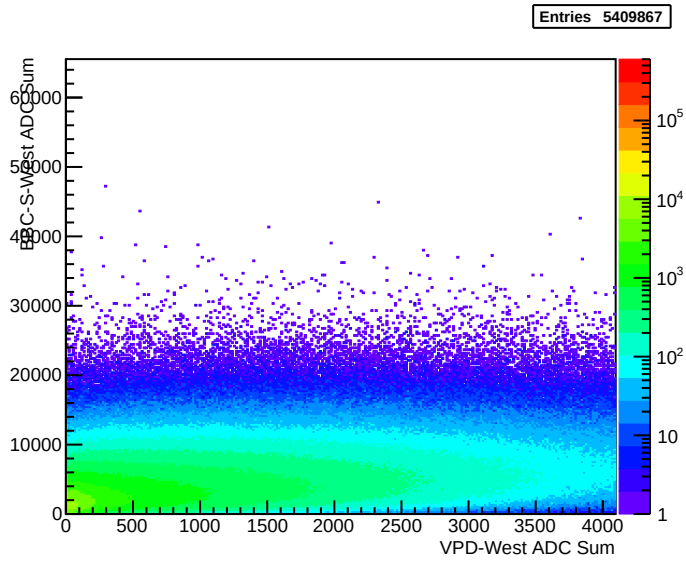

Entries 5409867
TOF Mult
ZDC-East ADC Sum Att

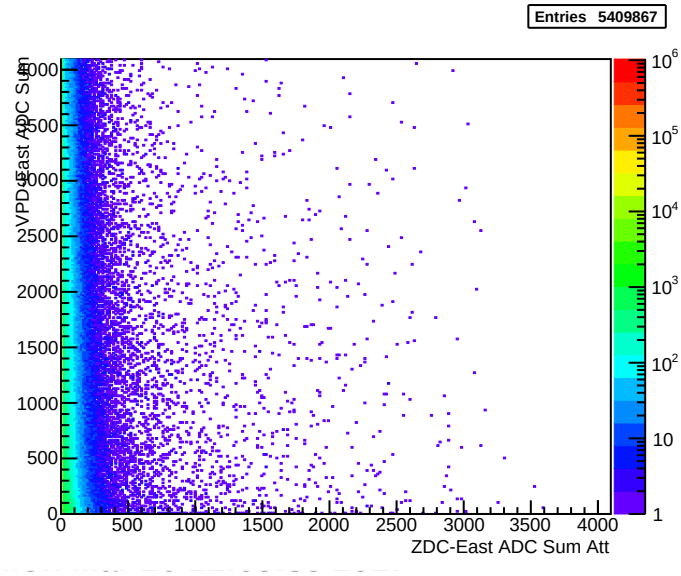

Entries 5409867
TOF Mult
ZDC-West ADC Sum Att

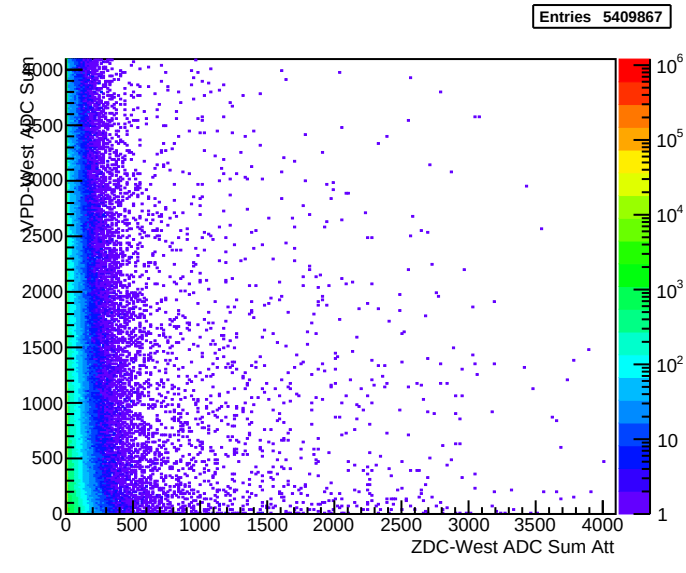

Entries 5409867
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

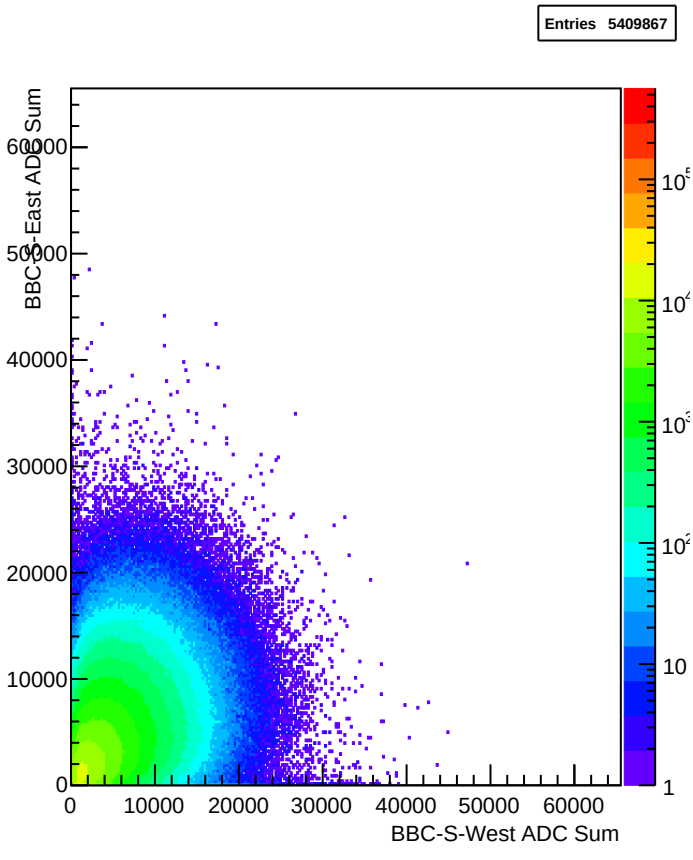

Entries 5409867
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

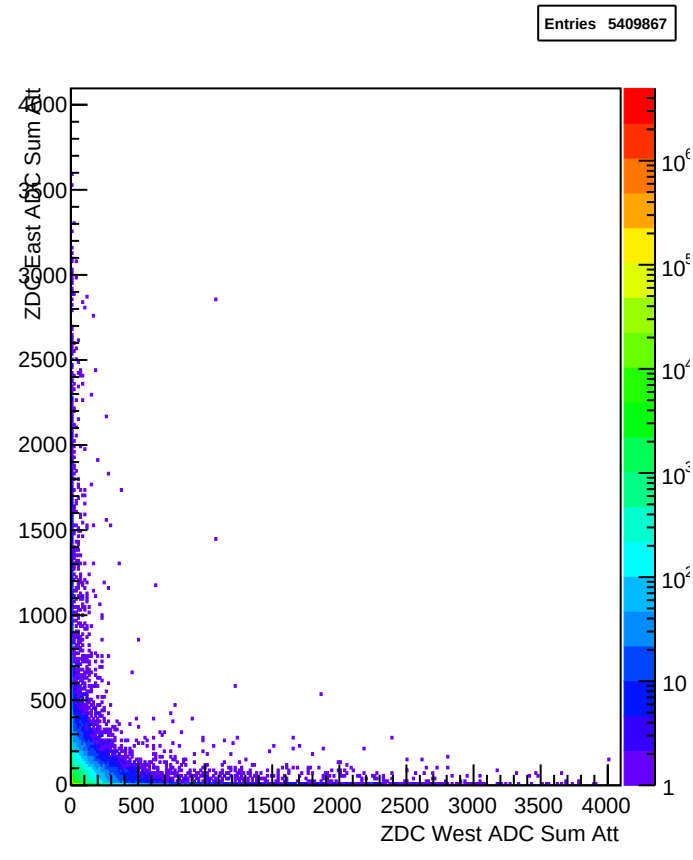

Entries 5409867
BBC-S-East ADC Sum
VPD-East ADC Sum

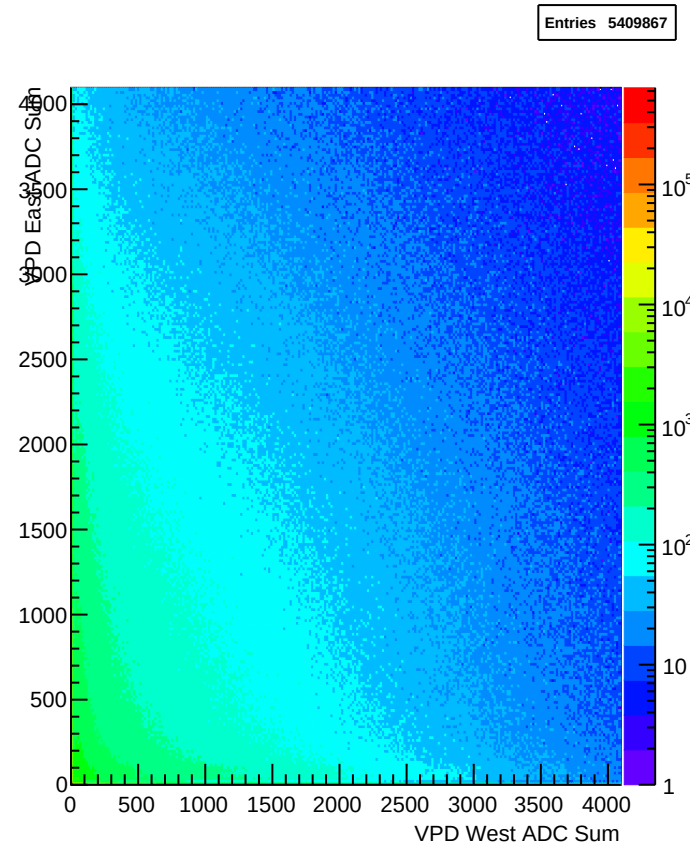

Entries 5409867
BBC-S-West ADC Sum
VPD-West ADC Sum

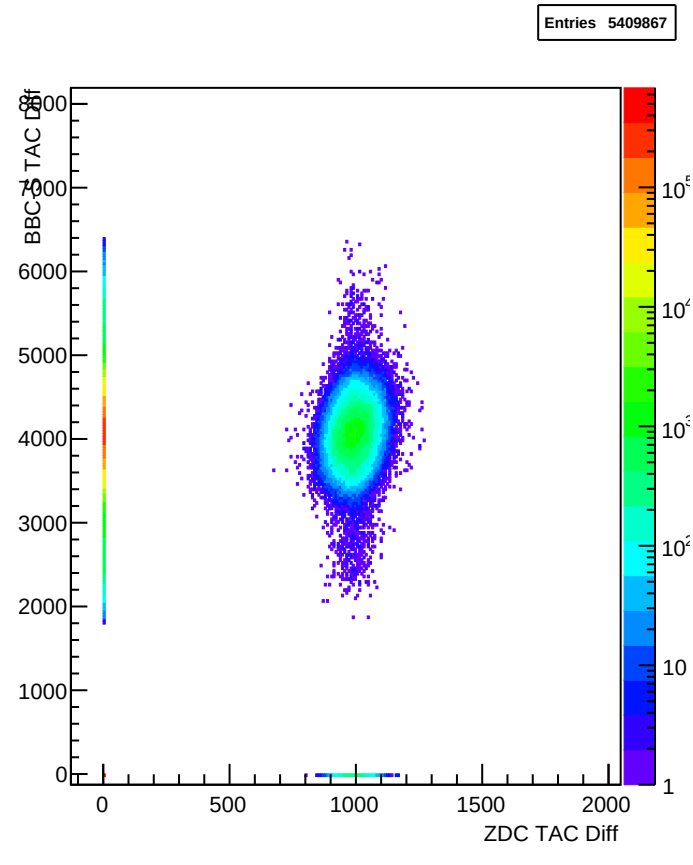

Entries 5409867
VPD-East ADC Sum
ZDC-East ADC Sum Att

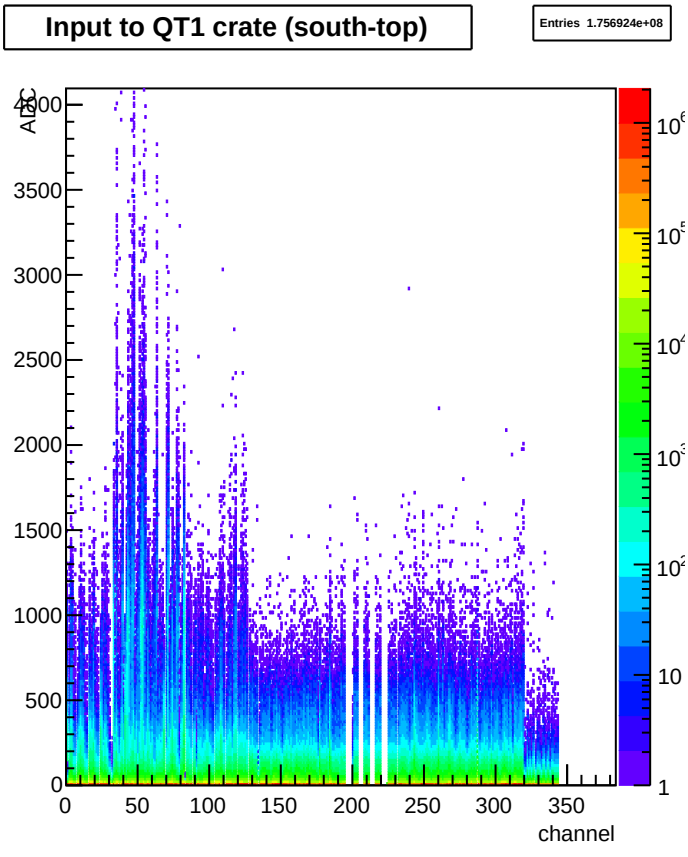

Entries 5409867
VPD-West ADC Sum
ZDC-West ADC Sum Att

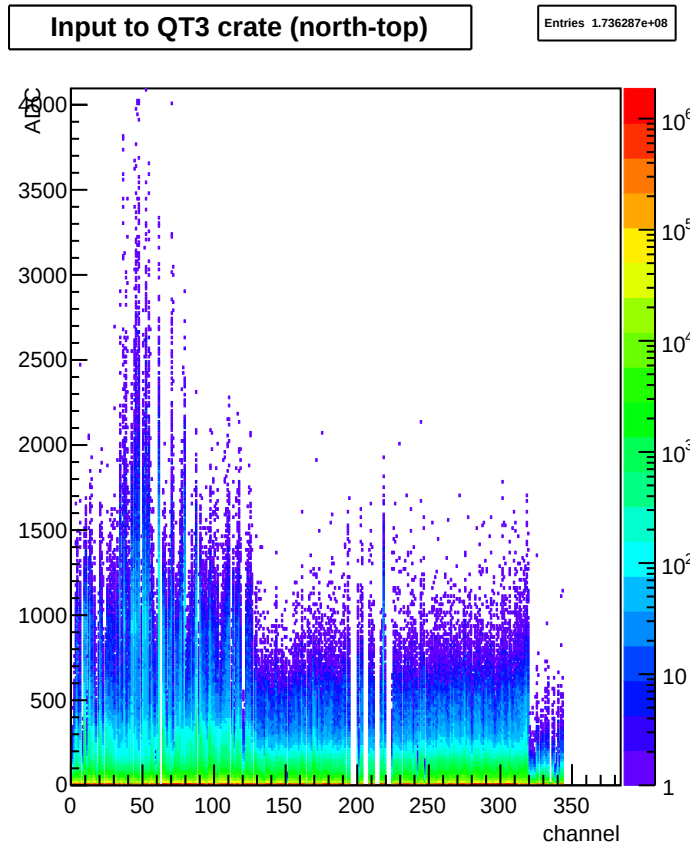

Entries 5409867
BBC-S-East ADC Sum
BBC-S-West ADC Sum

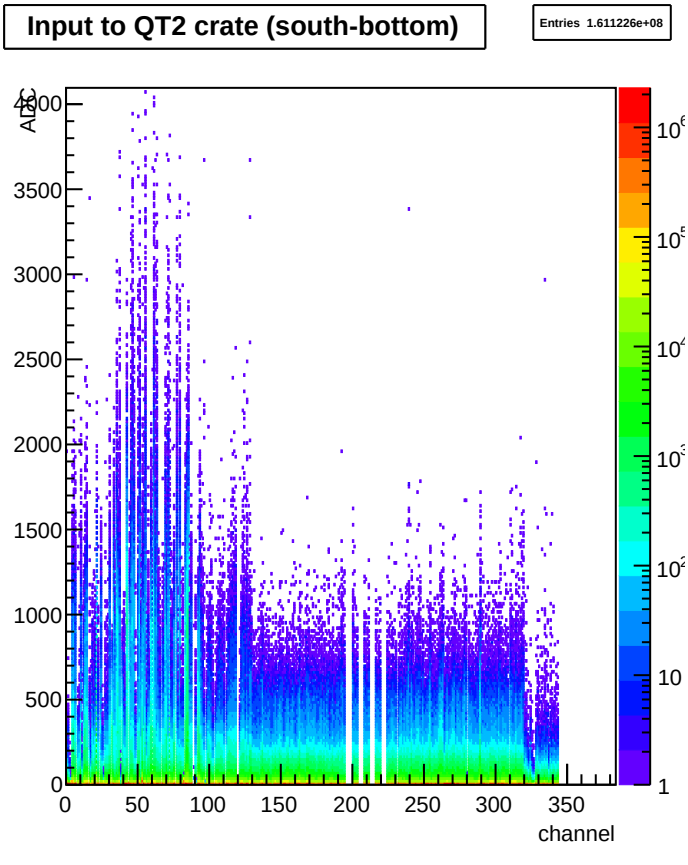

Entries 5409867
ZDC East ADC Sum Att
ZDC West ADC Sum Att

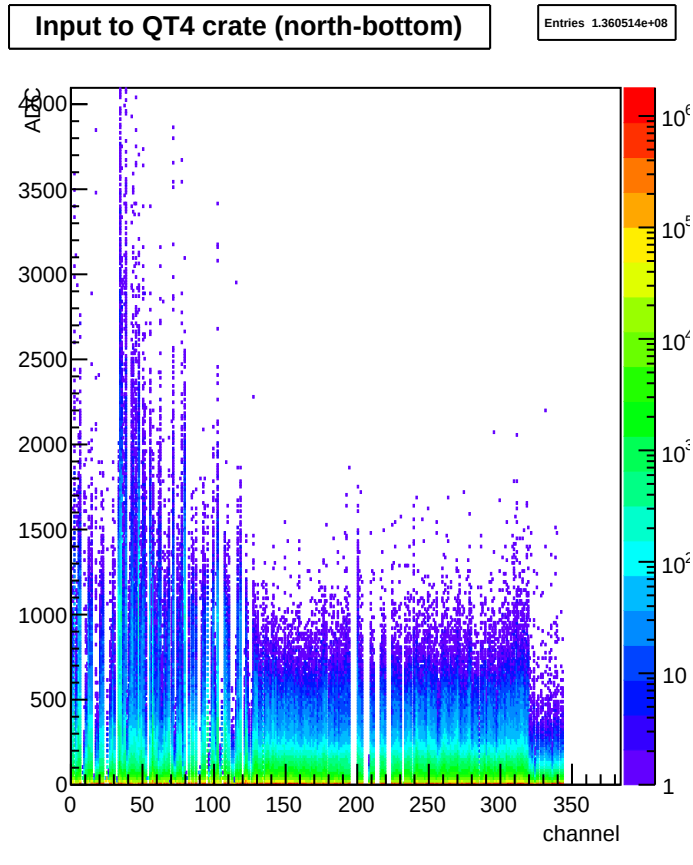

Entries 5409867
VPD East ADC Sum
VPD West ADC Sum

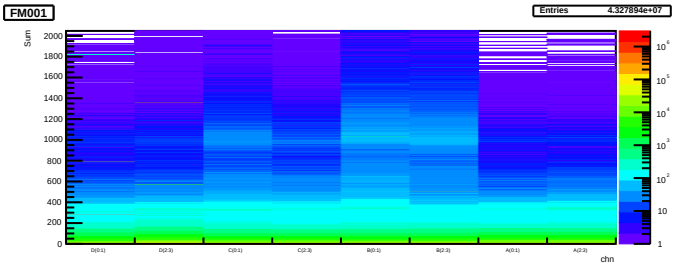

Entries 5409867
BBC-S TAC Diff
ZDC TAC Diff

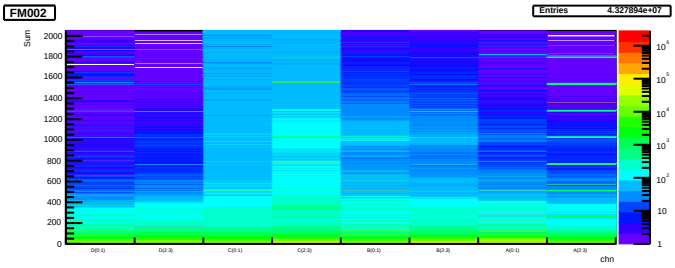

Input to QT1 crate (south-top)
Entries 1.756924e+08
ADC
channel

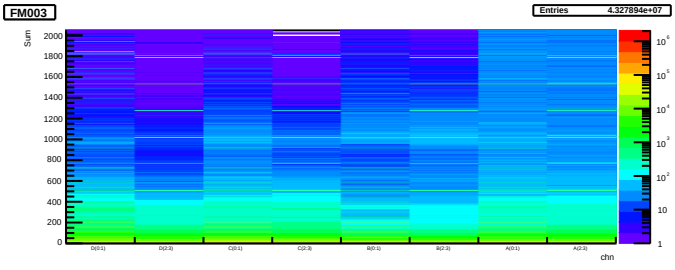

Input to QT3 crate (north-top)
Entries 1.736287e+08
ADC
channel

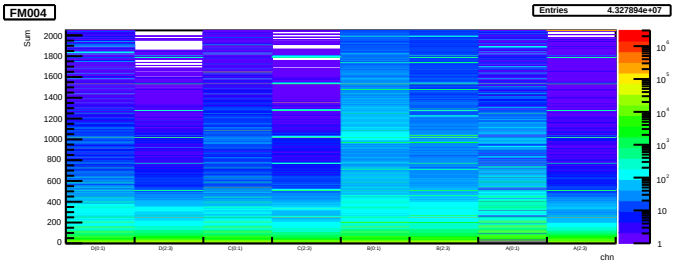

Input to QT2 crate (south-bottom)
Entries 1.611226e+08
ADC
channel

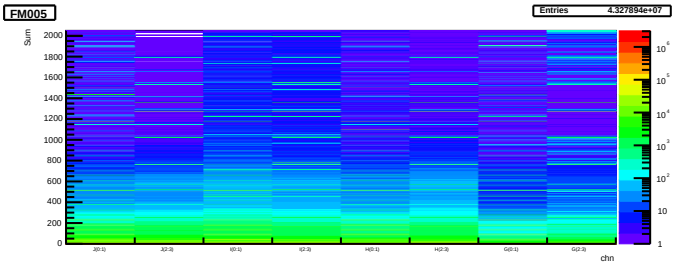

Input to QT4 crate (north-bottom)
Entries 1.360514e+08
ADC
channel

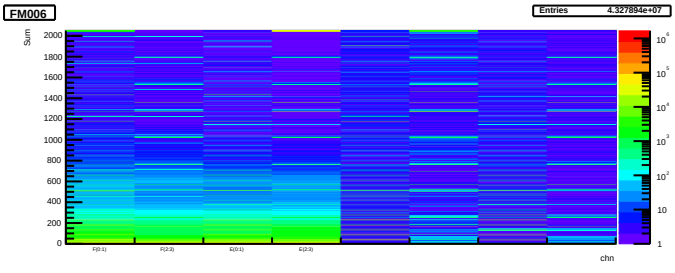

FM001
Entries 4.327894e+07
Sum
chn

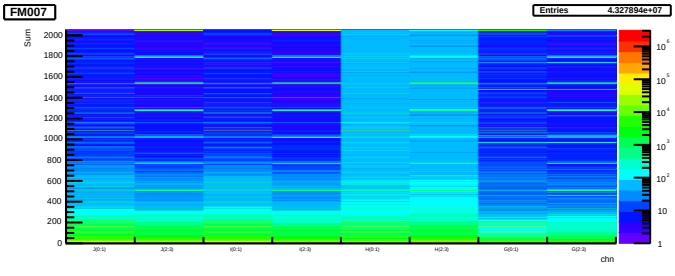

FM002
Entries 4.327894e+07
Sum
chn

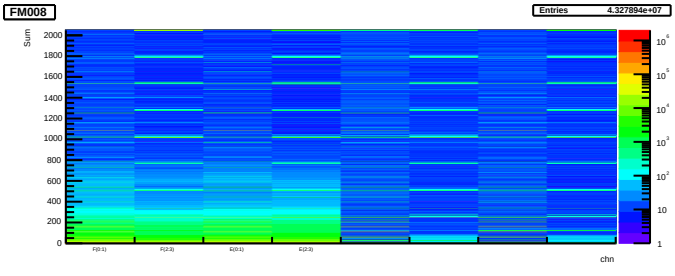

FM003
Entries 4.327894e+07
Sum
chn


FM004
Entries 4.327894e+07
Sum
chn


FM005
Entries 4.327894e+07
Sum
chn


FM006
Entries 4.327894e+07
Sum
chn


FM007
Entries 4.327894e+07
Sum
chn


FM008
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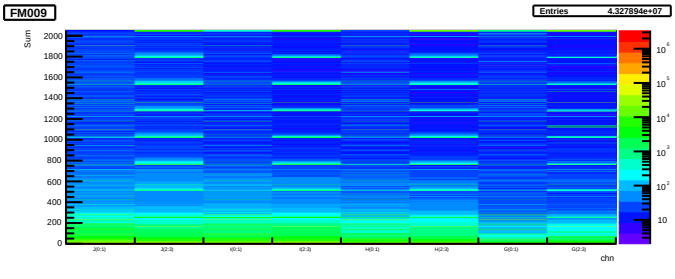
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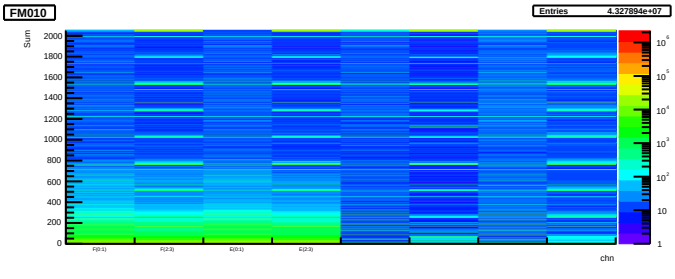
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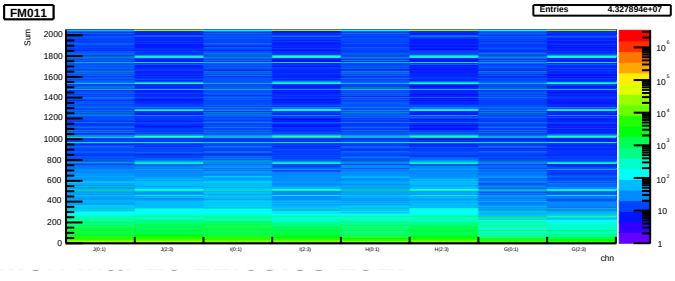
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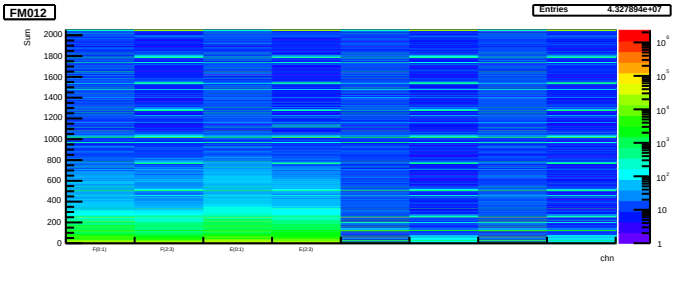
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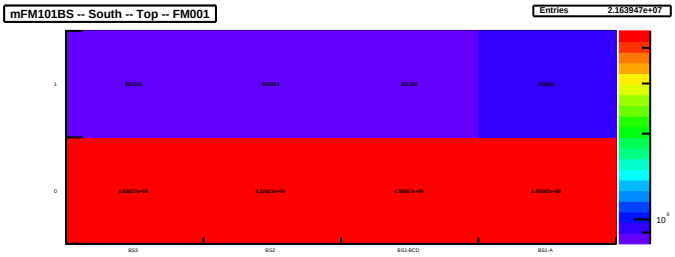
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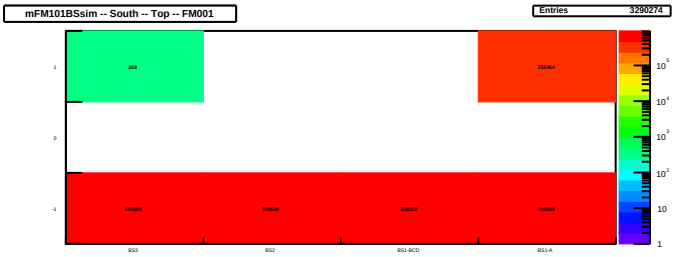
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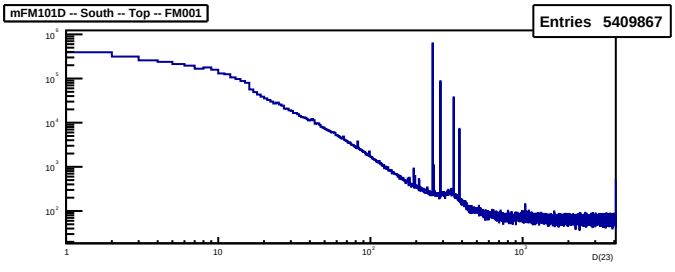
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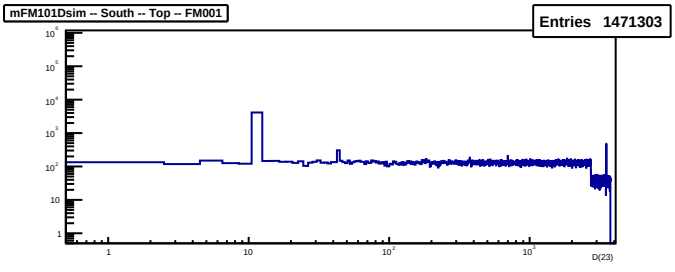
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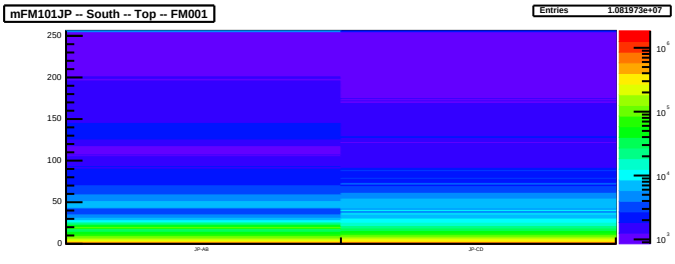
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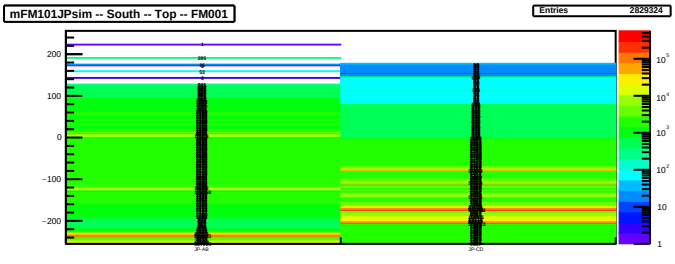
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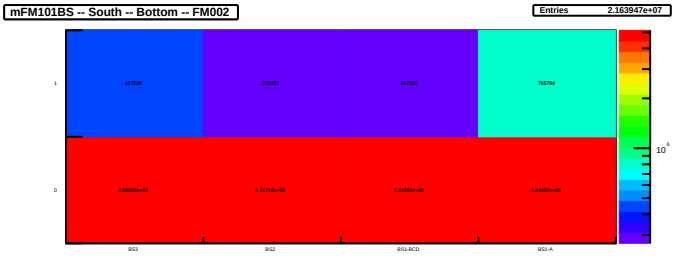
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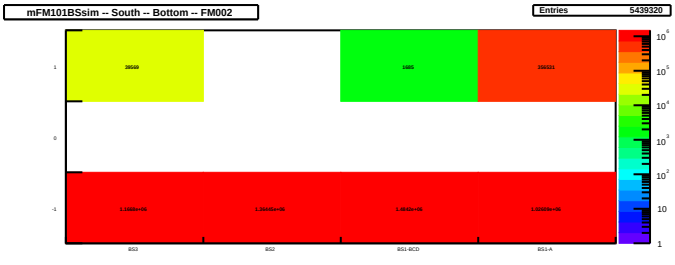
Entries 2.163947e+07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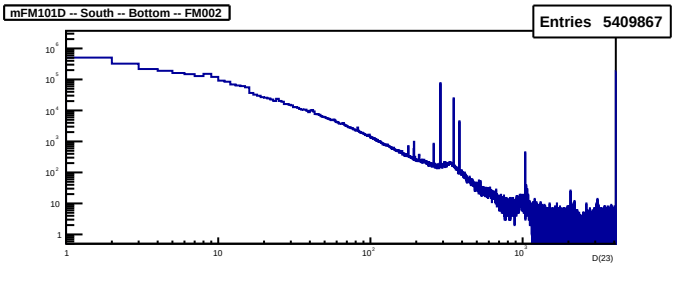
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Entries 5409867
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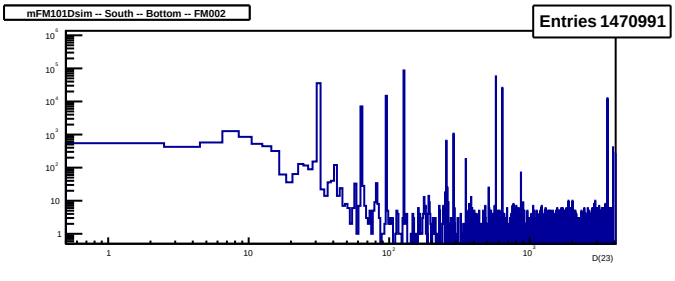
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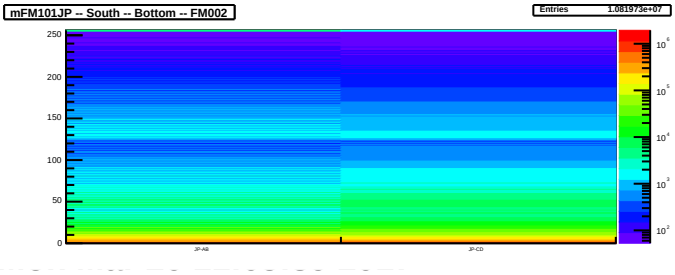
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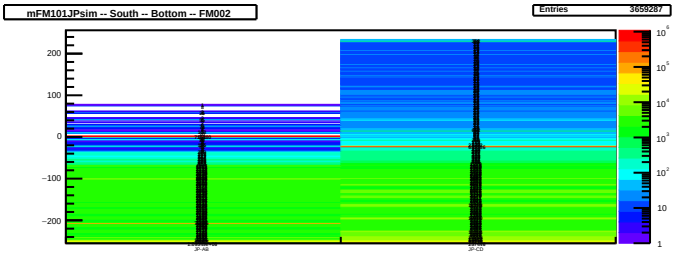
Entries 1.081973e+07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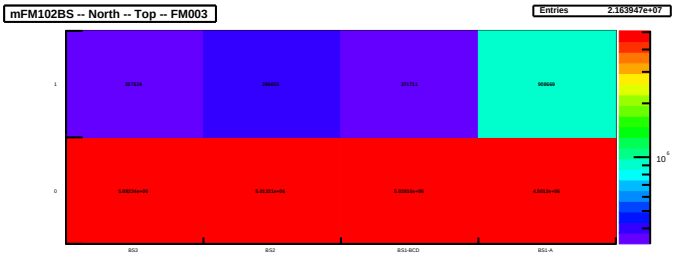
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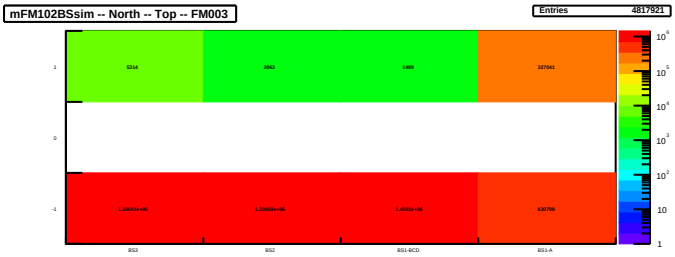
Entries 2.163947e+07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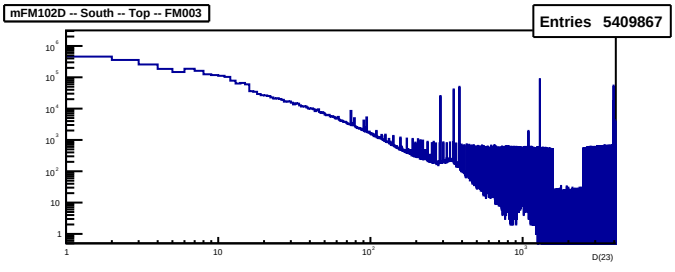
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Entries 5409867
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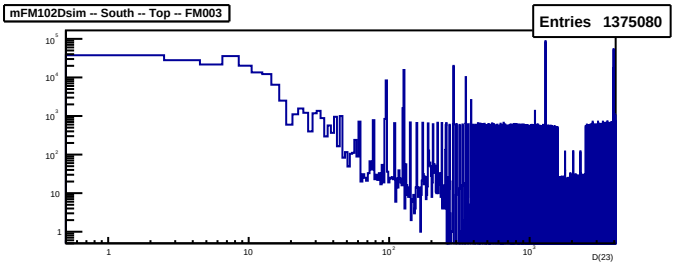
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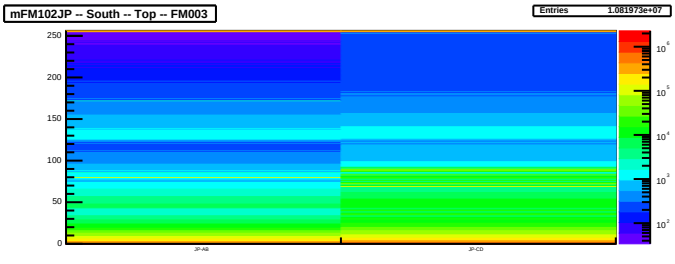
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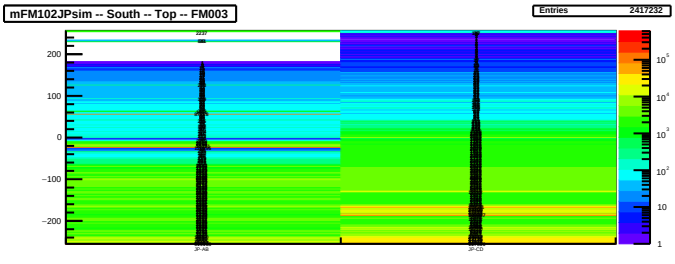
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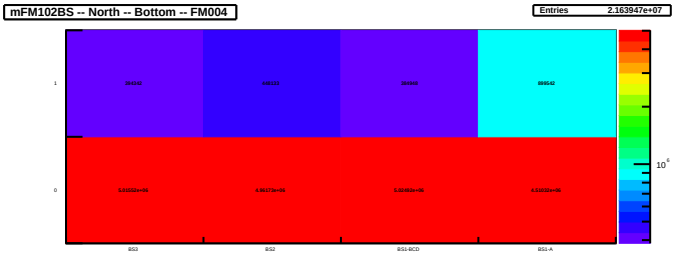
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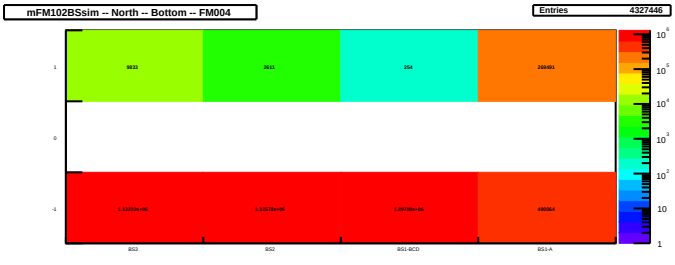
Entries 2.163947e+07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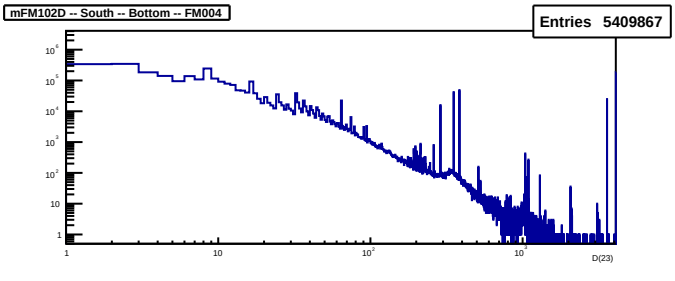
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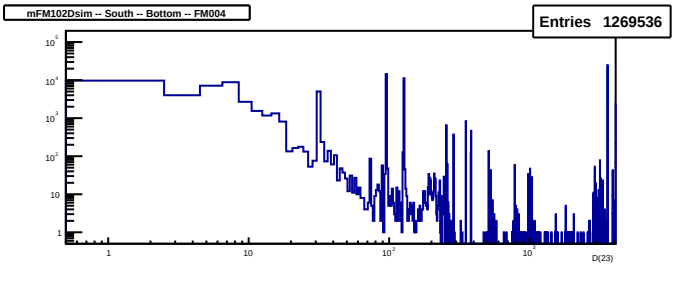
Entries 5409867
D(23)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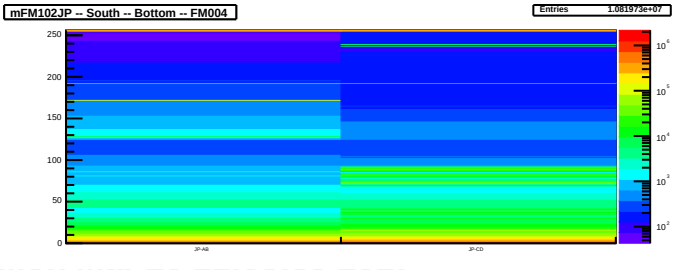
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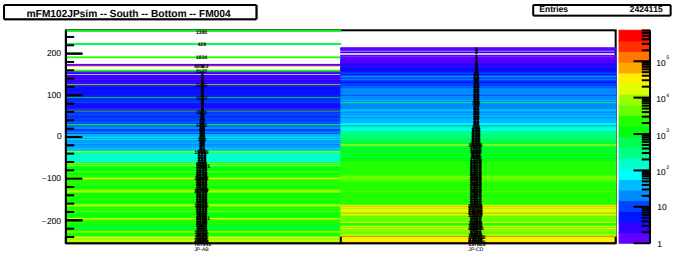
Entries 1.081973e+07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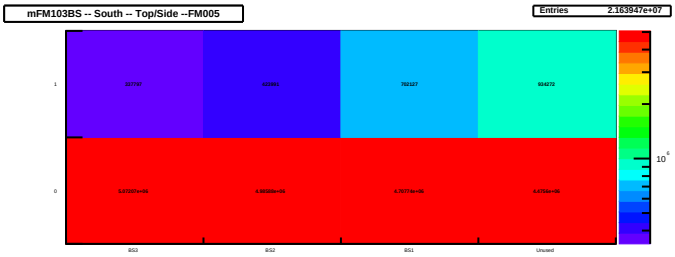
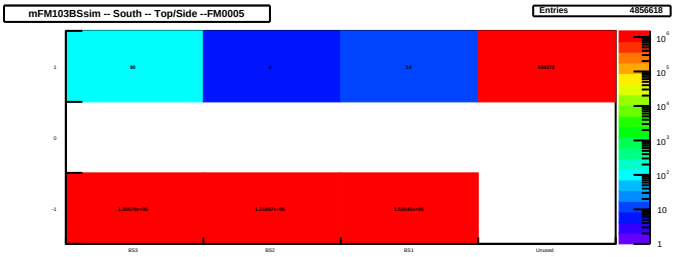

mFM103BS -- South -- Top/Side --FM005
Entries 2.163947e+07
BS3
BS2
BS1
Unused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BS3
BS2
BS1
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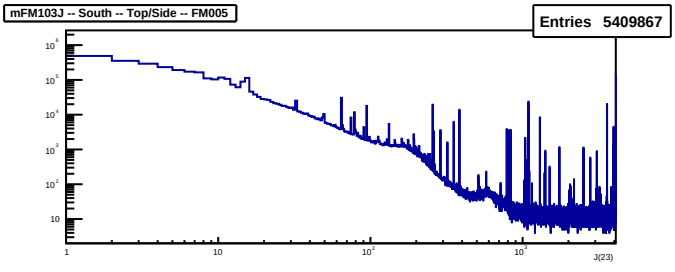
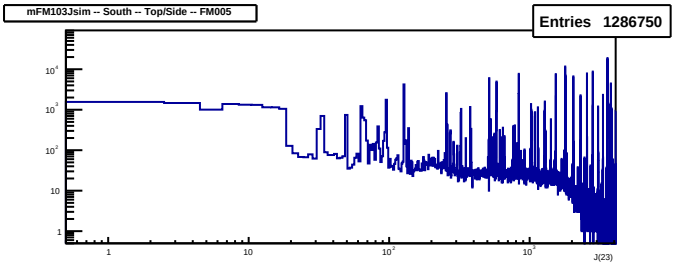

mFM103J -- South -- Top/Side -- FM005
Entries 5409867
J(23)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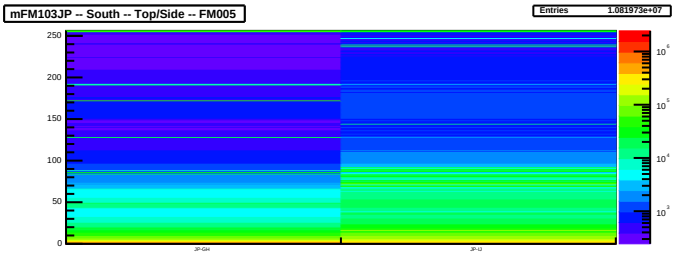
Entries 1286750
J(23)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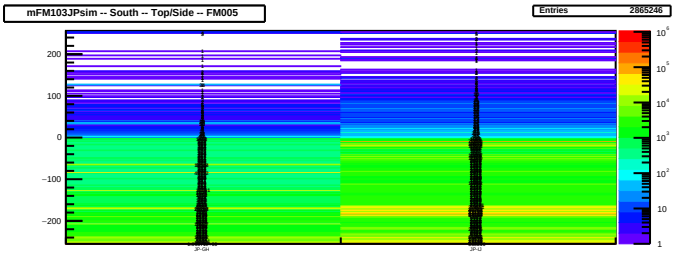
Entries 1.081973e+07
JP-G4
JP-I2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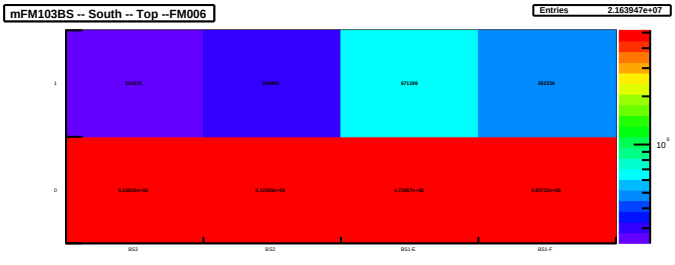
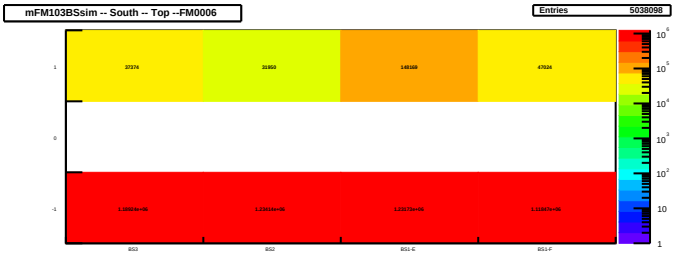
JP-G4
JP-I2


mFM103BS -- South -- Top --FM006
Entries 2.163947e+07
BS3
BS2
BS1-E
BS1-F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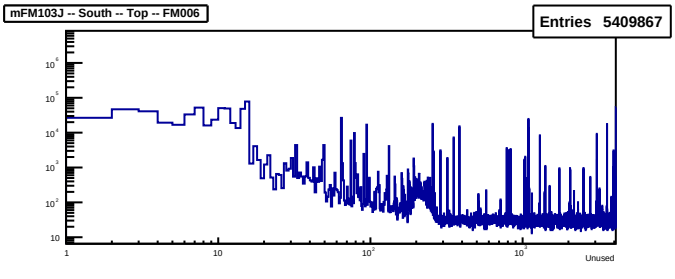
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 5409867
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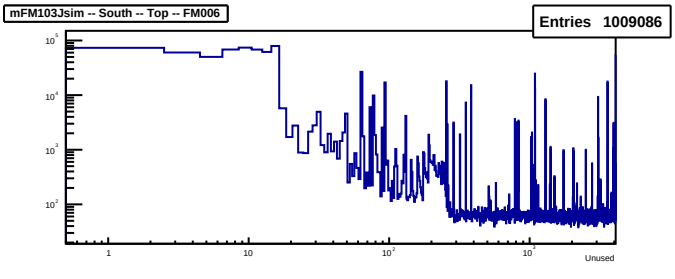
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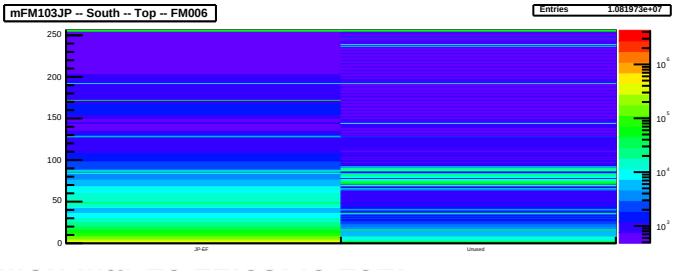
Unused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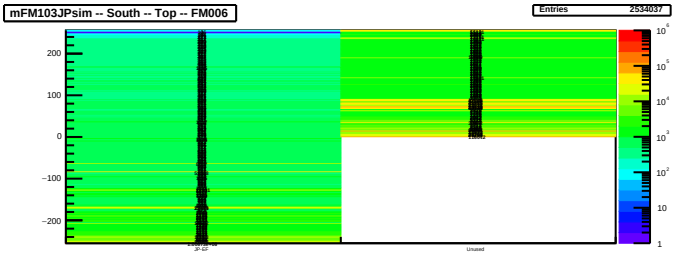
Entries 1.081973e+07
JP-E2
Unused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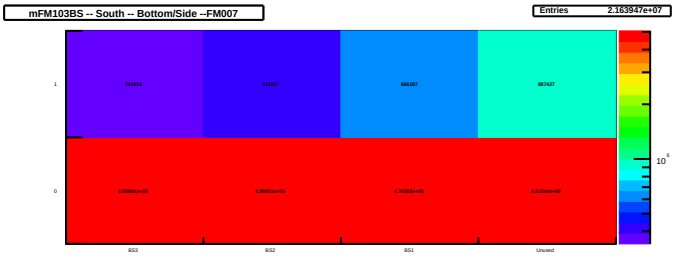
Entries 2534037
JP-E2
Unused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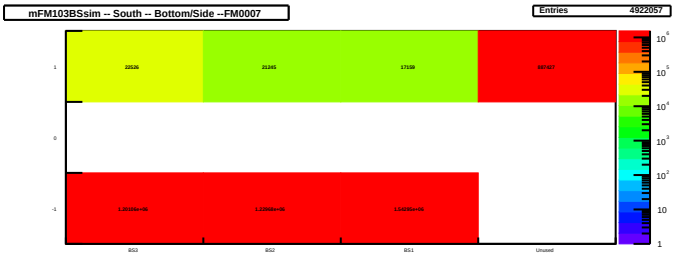
Entries 2.163947e+07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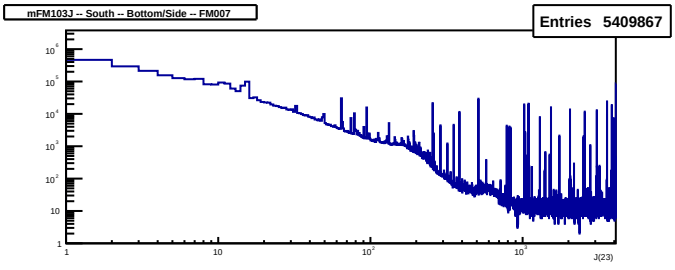
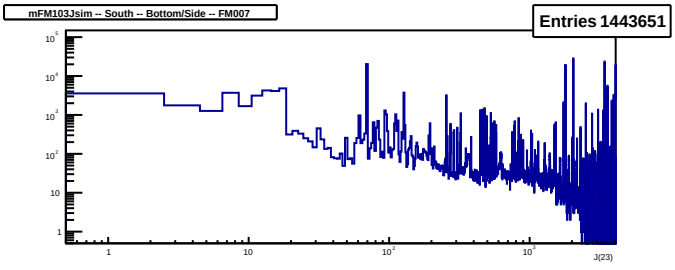

mFM103J -- South -- Bottom/Side -- FM007
Entries 5409867
J(23)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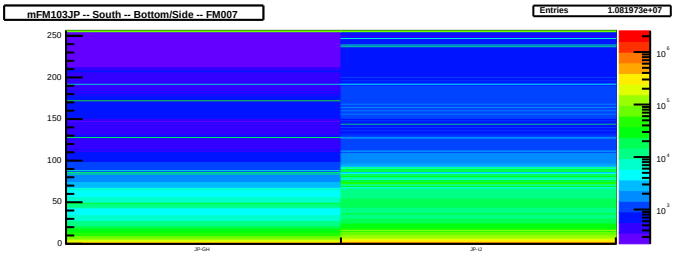
J(23)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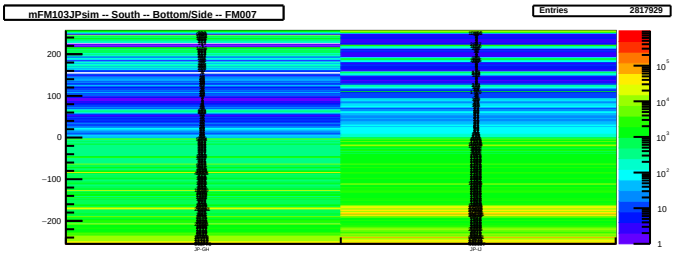
Entries 1.081973e+07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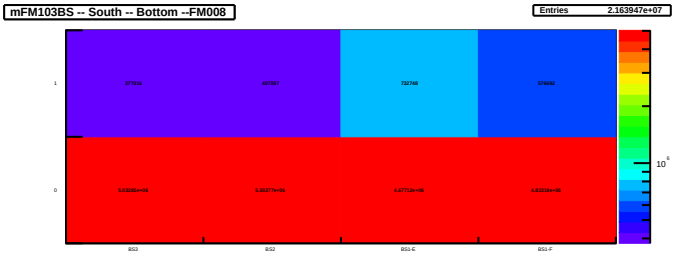
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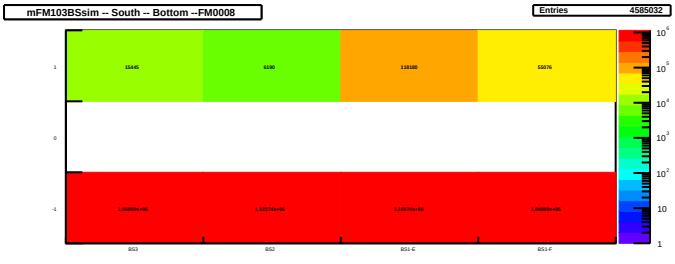
Entries 2.163947e+07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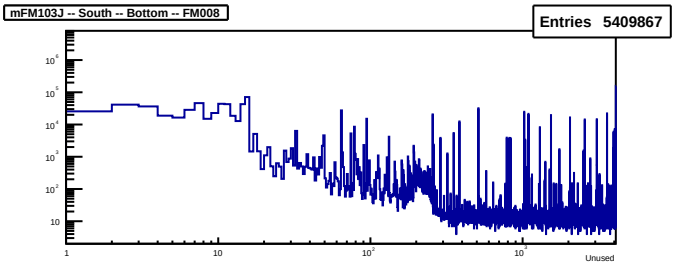
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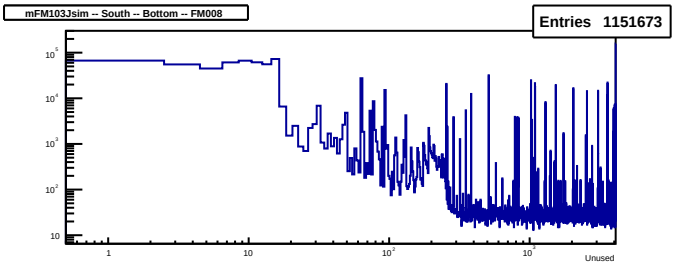
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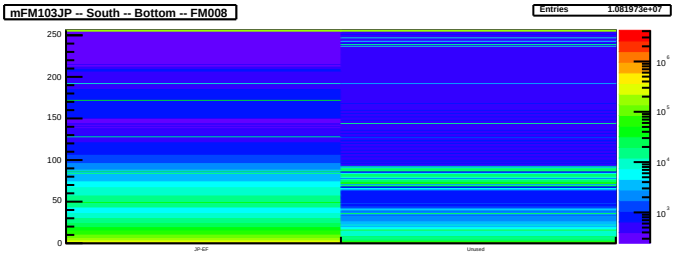
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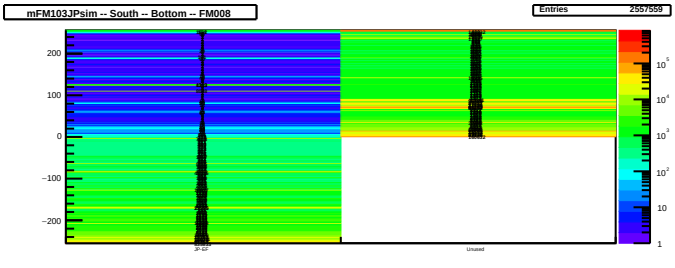
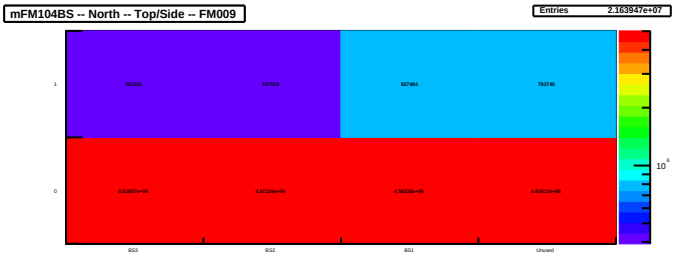
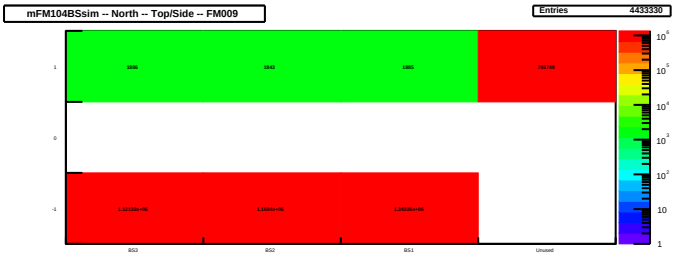
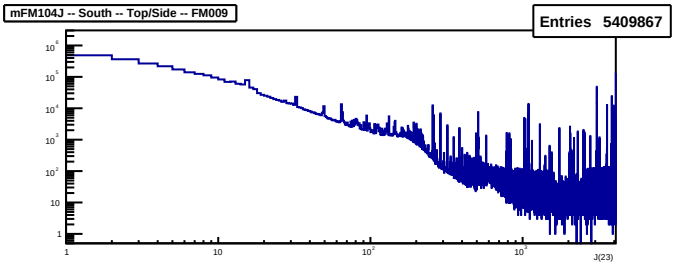
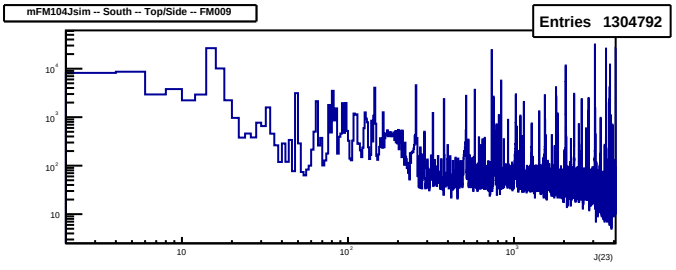

mFM103JPsim -- South -- Bottom -- FM008
Entries 2557559


mFM104BS -- North -- Top/Side -- FM009
Entries 2.163947e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4433330


mFM104J -- South -- Top/Side -- FM009
Entries 5409867
J(23)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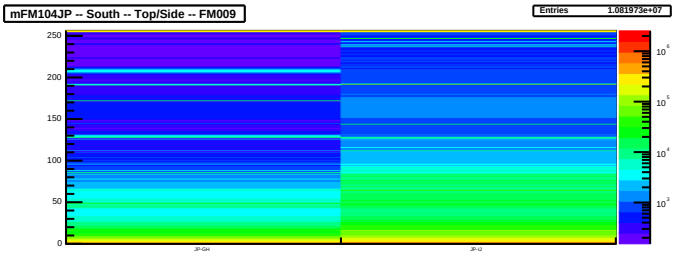
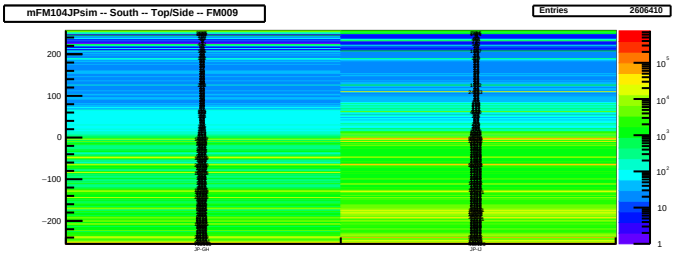
Entries 1304792
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.081973e+07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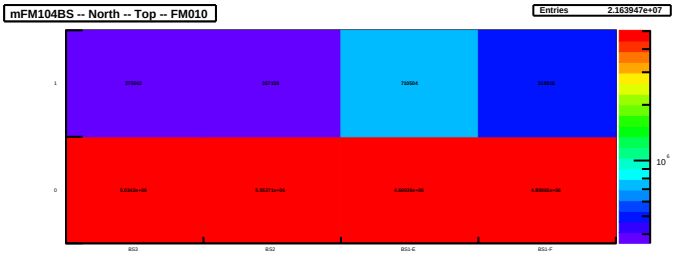
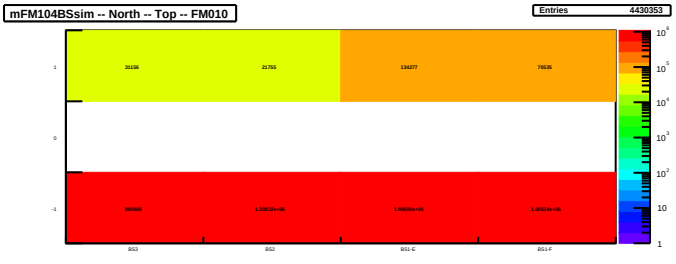
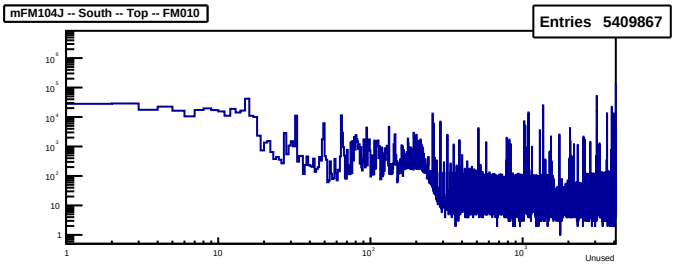
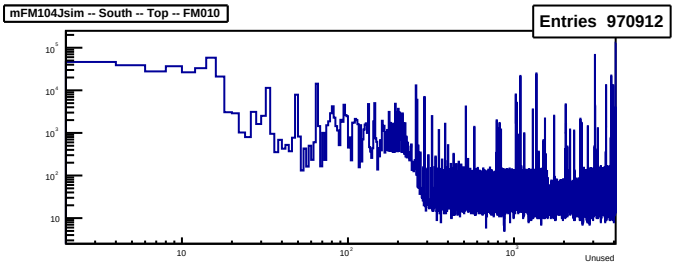
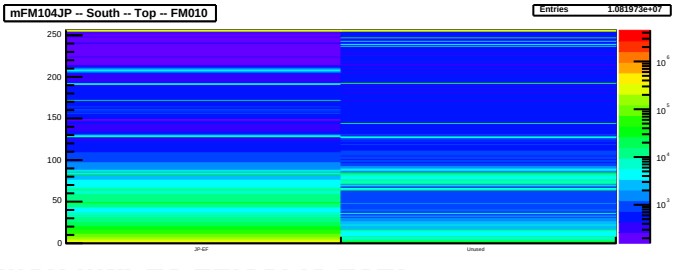
Entries 2606410

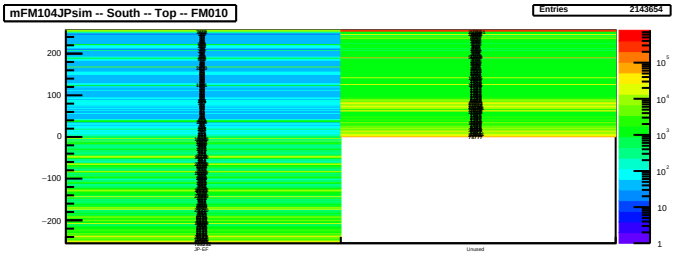

mFM104BS -- North -- Top -- FM010
Entries 2.163947e+07

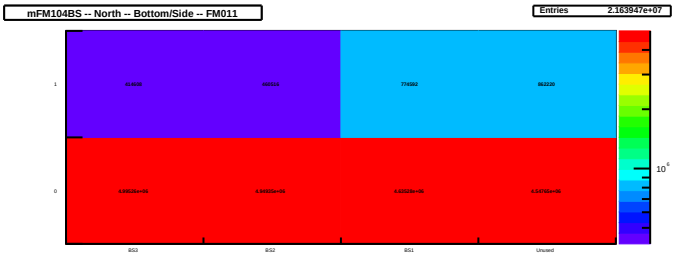

mFM104BSsim -- North -- Top -- FM010
Entries 4430353

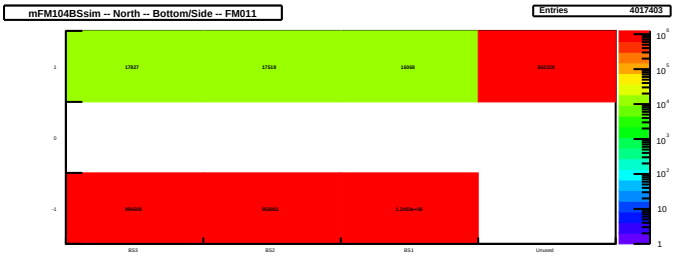

mFM104J -- South -- Top -- FM010
Entries 5409867
Unused

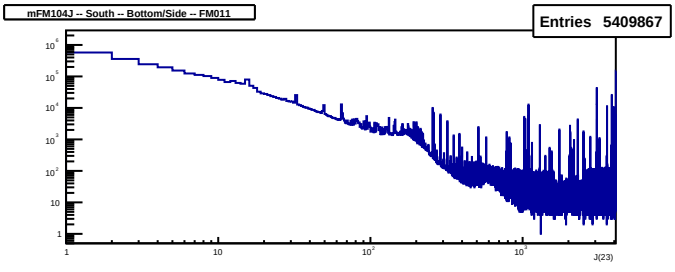

mFM104Jsim -- South -- Top -- FM010
Entries 970912
Unused

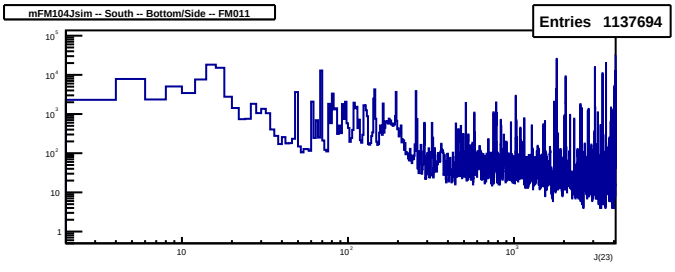

mFM104JP -- South -- Top -- FM010
Entries 1.081973e+07

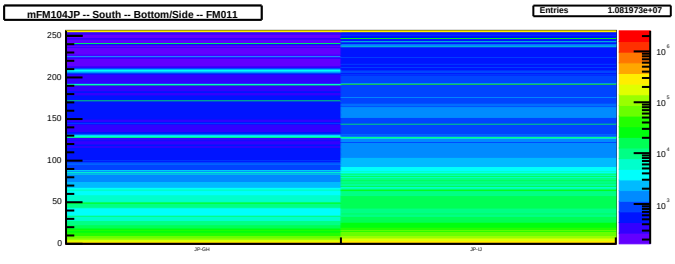

mFM104JPsim -- South -- Top -- FM010
Entries 2143654

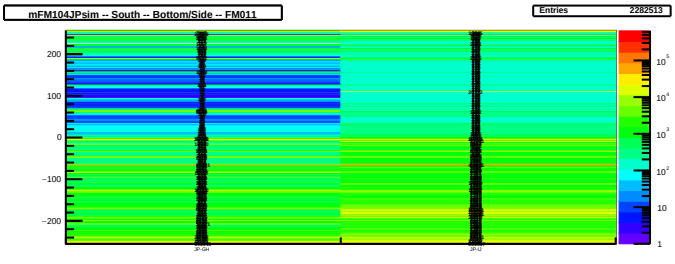

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.163947e+07

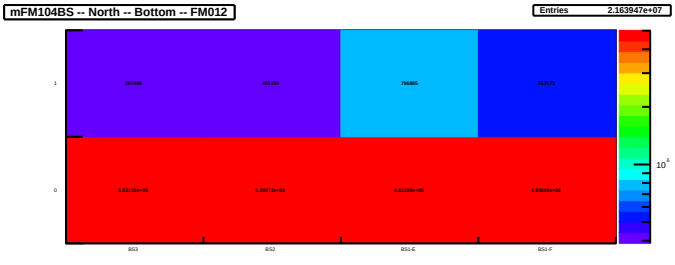

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4017403

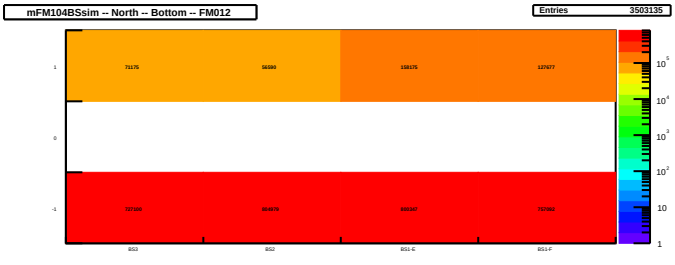

mFM104J -- South -- Bottom/Side -- FM011
Entries 5409867
J(23)

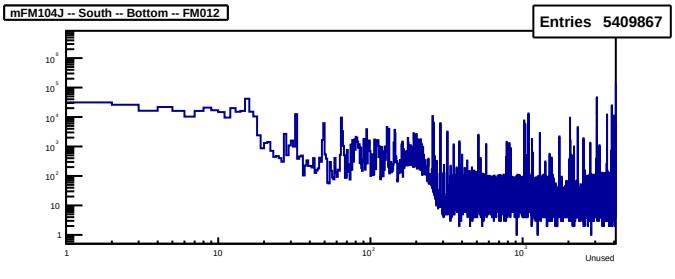

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1137694
J(23)

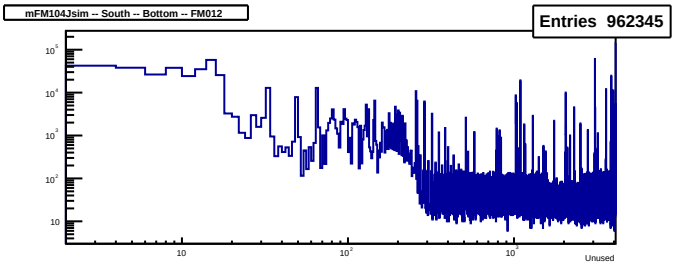

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.081973e+07

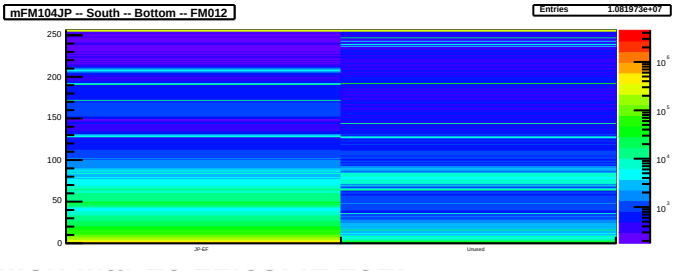

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2282513

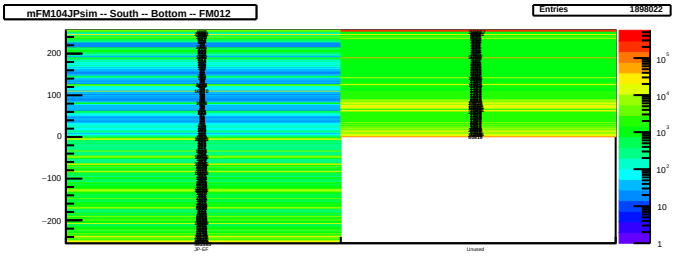

mFM104BS -- North -- Bottom -- FM012
Entries 2.163947e+07

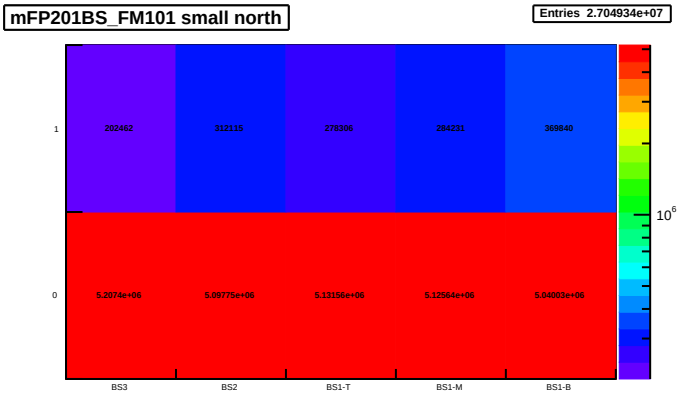

mFM104BSsim -- North -- Bottom -- FM012
Entries 3503135

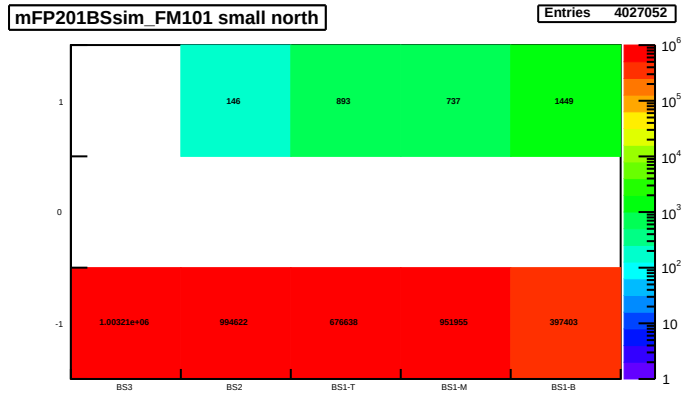

mFM104J -- South -- Bottom -- FM012
Entries 5409867
Unused

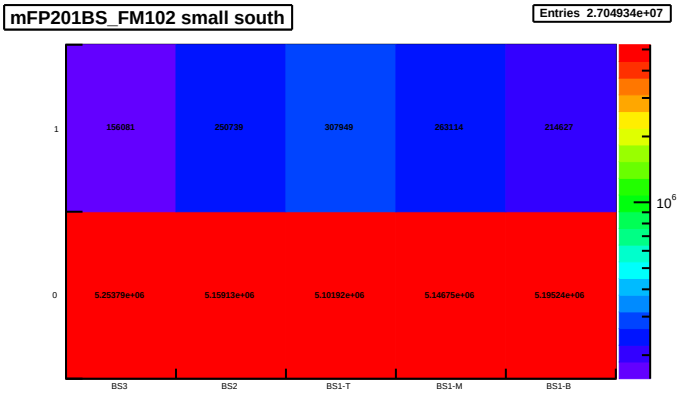

mFM104Jsim -- South -- Bottom -- FM012
Entries 962345
Unused

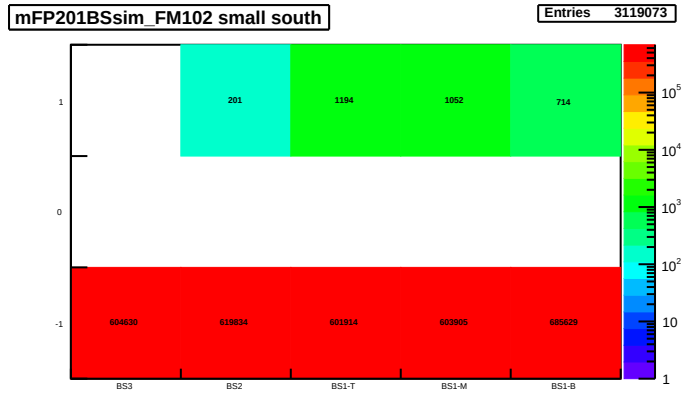

mFM104JP -- South -- Bottom -- FM012
Entries 1.081973e+07

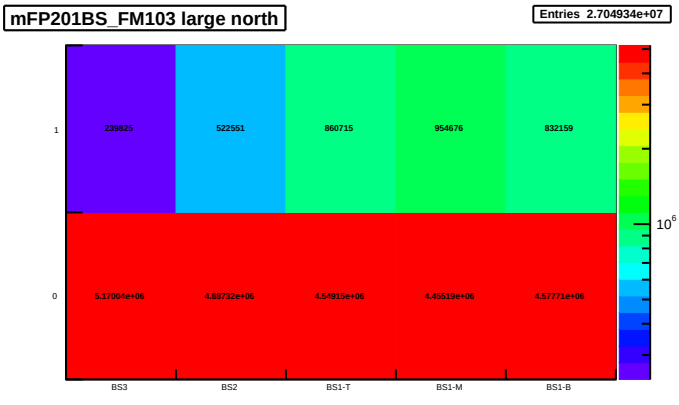

mFM104JPsim -- South -- Bottom -- FM012
Entries 1898022

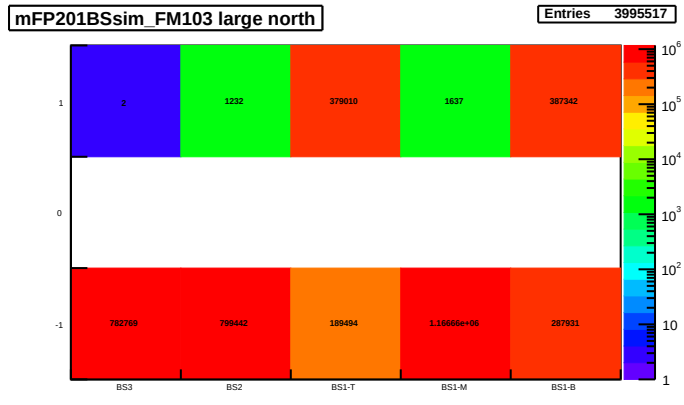

mFP201BS_FM101 small north
Entries 2.704934e+07
202462
312115
278306
284231
369840
5.2074e+06
5.09775e+06
5.13156e+06
5.12564e+06
5.04003e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

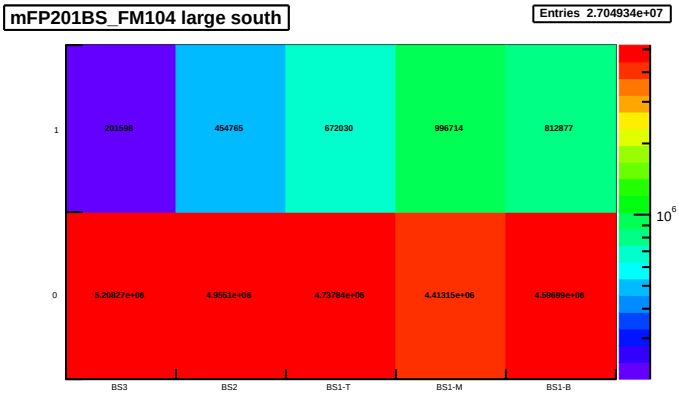

mFP201BSsim_FM101 small north
Entries 4027052
146
893
737
1449
1.00321e+06
994622
676638
951955
397403
BS3
BS2
BS1-T
BS1-M
BS1-B

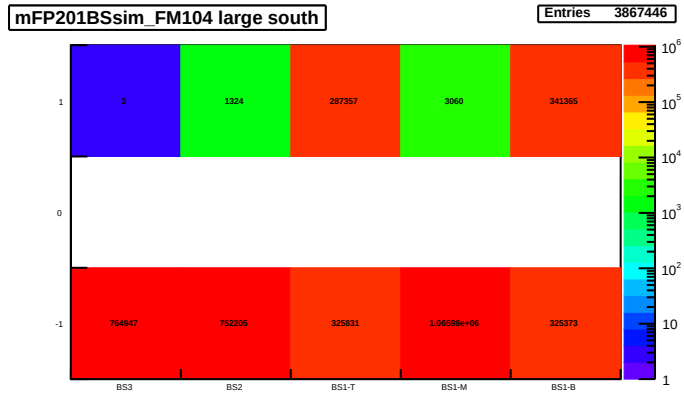

mFP201BS_FM102 small south
Entries 2.704934e+07
156081
250739
307949
263114
214627
5.25379e+06
5.15913e+06
5.10192e+06
5.14675e+06
5.19524e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

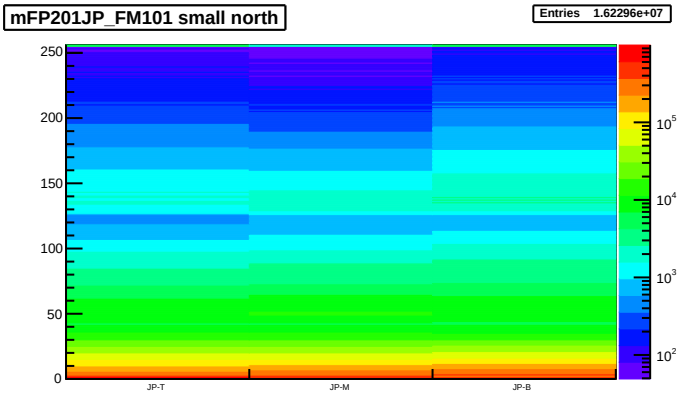

mFP201BSsim_FM102 small south
Entries 3119073
201
1194
1052
714
604630
619834
601914
603905
685629
BS3
BS2
BS1-T
BS1-M
BS1-B

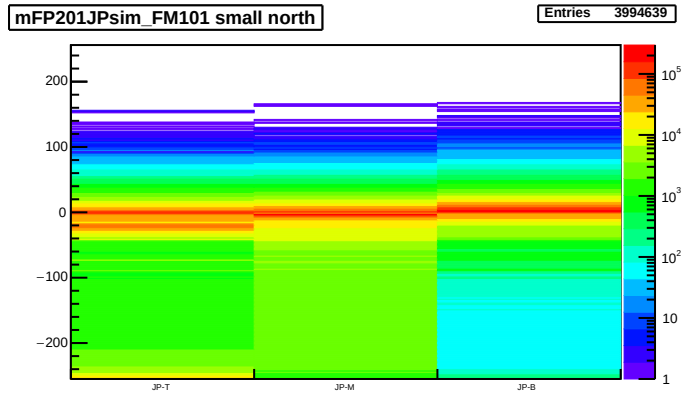

mFP201BS_FM103 large north
Entries 2.704934e+07
239825
522551
860715
954676
832159
5.17004e+06
4.88732e+06
4.54915e+06
4.45519e+06
4.57771e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

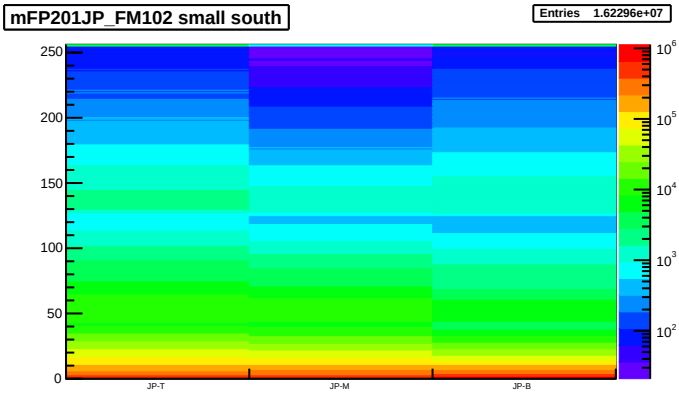

mFP201BSsim_FM103 large north
Entries 3995517
2
1232
379010
1637
387342
782769
799442
189494
1.16666e+06
287931
BS3
BS2
BS1-T
BS1-M
BS1-B

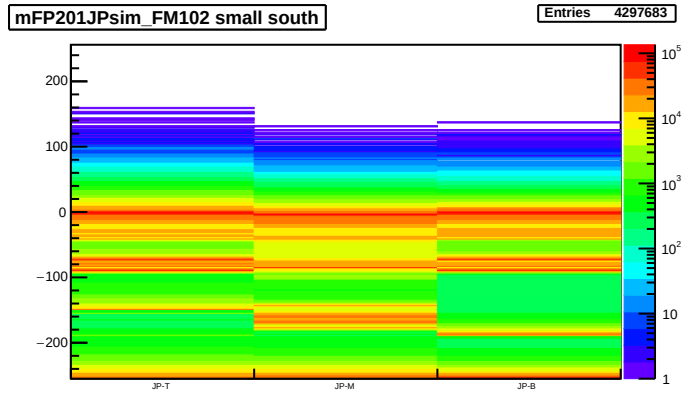

mFP201BS_FM104 large south
Entries 2.704934e+07
201598
454765
672030
996714
812877
5.20827e+06
4.9551e+06
4.73784e+06
4.41315e+06
4.59699e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

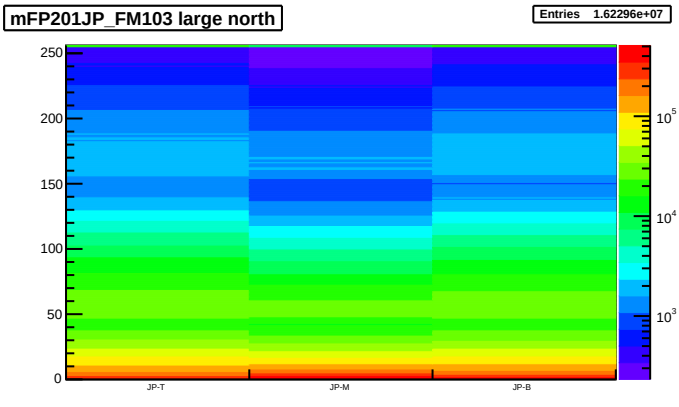

mFP201BSsim_FM104 large south
Entries 3867446
3
1324
287357
3060
341365
764947
752205
325831
1.06598e+06
325373
BS3
BS2
BS1-T
BS1-M
BS1-B

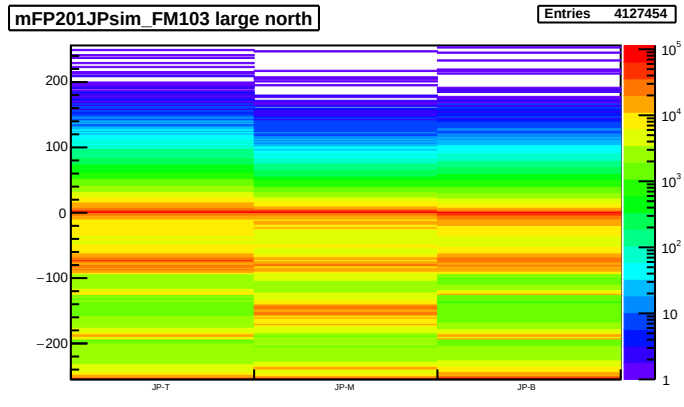

mFP201JP_FM101 small north
Entries 1.62296e+07
JP-T
JP-M
JP-B

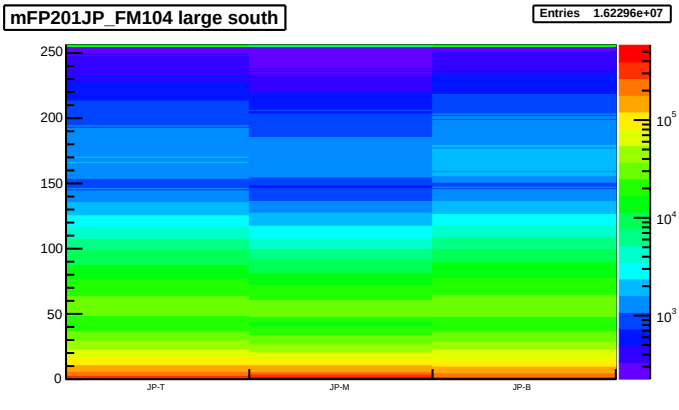

mFP201JPsim_FM101 small north
Entries 3994639
JP-T
JP-M
JP-B

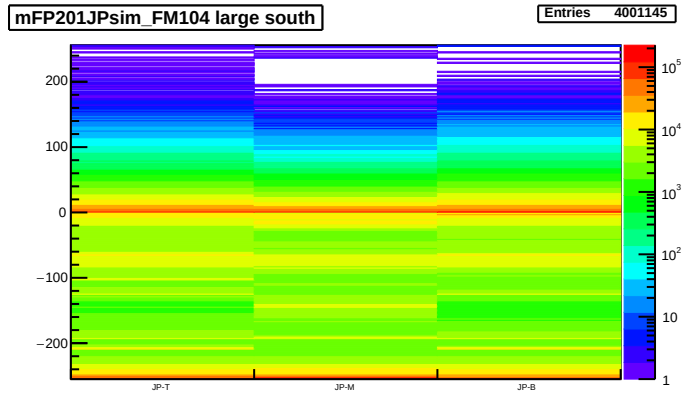

mFP201JP_FM102 small south
Entries 1.62296e+07
JP-T
JP-M
JP-B

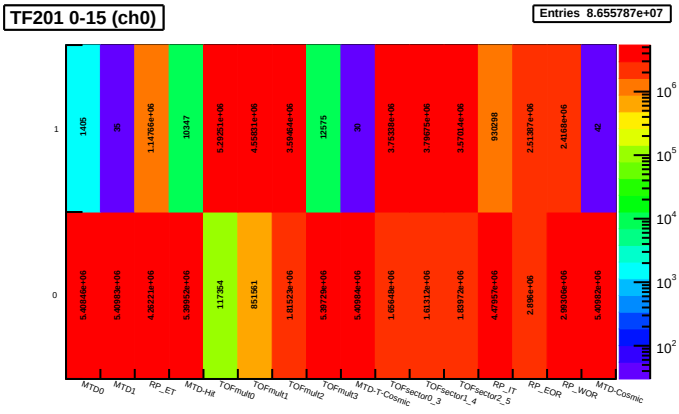

mFP201JPsim_FM102 small south
Entries 4297683
JP-T
JP-M
JP-B

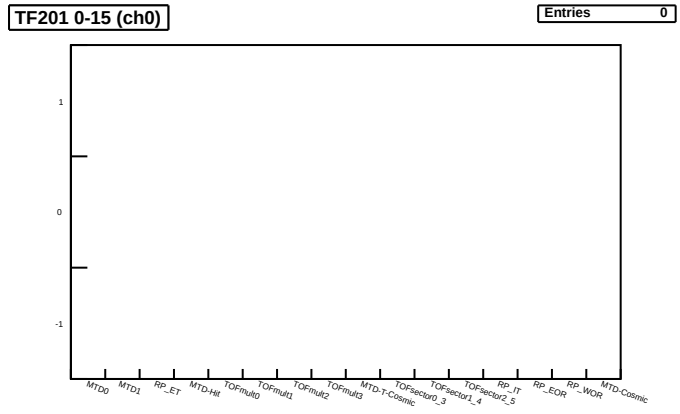

mFP201JP_FM103 large north
Entries 1.62296e+07
JP-T
JP-M
JP-B

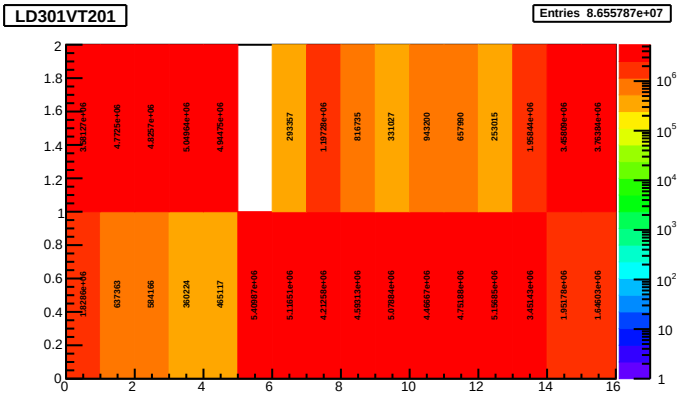

mFP201JPsim_FM103 large north
Entries 4127454
JP-T
JP-M
JP-B

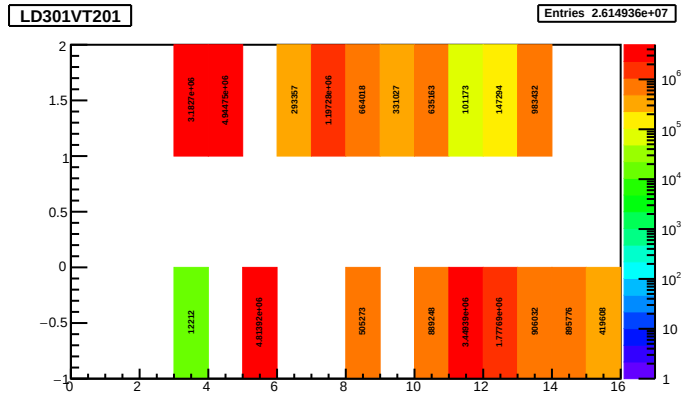

mFP201JP_FM104 large south
Entries 1.62296e+07
JP-T
JP-M
JP-B

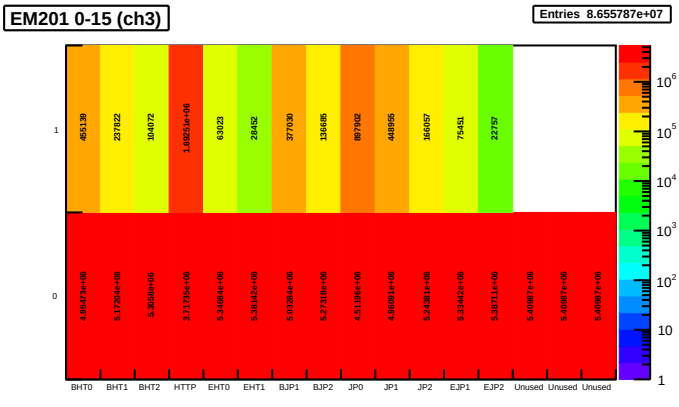

mFP201JPsim_FM104 large south
Entries 4001145
JP-T
JP-M
JP-B

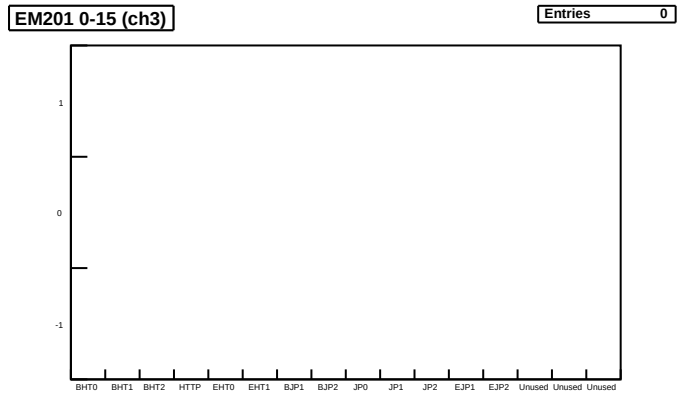

TF201 0-15 (ch0)
Entries 8.655787e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

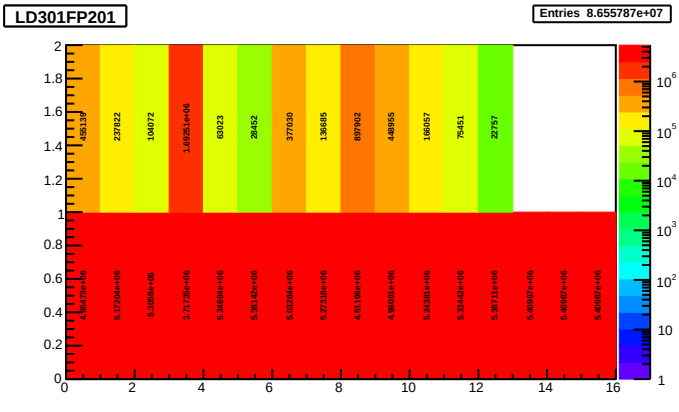

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

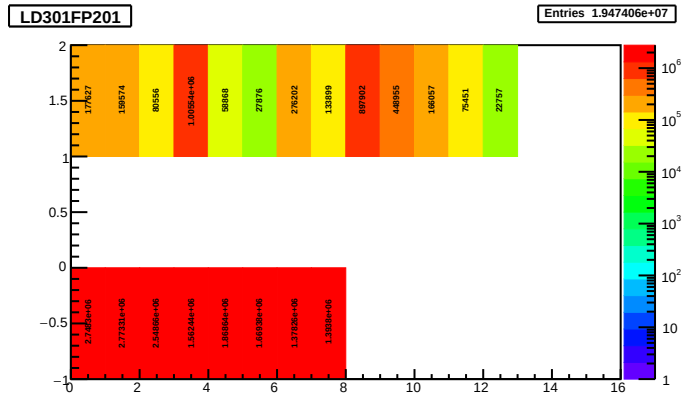

LD301VT201
Entries 8.655787e+07


LD301VT201
Entries 2.614936e+07


EM201 0-15 (ch3)
Entries 8.655787e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 8.655787e+07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