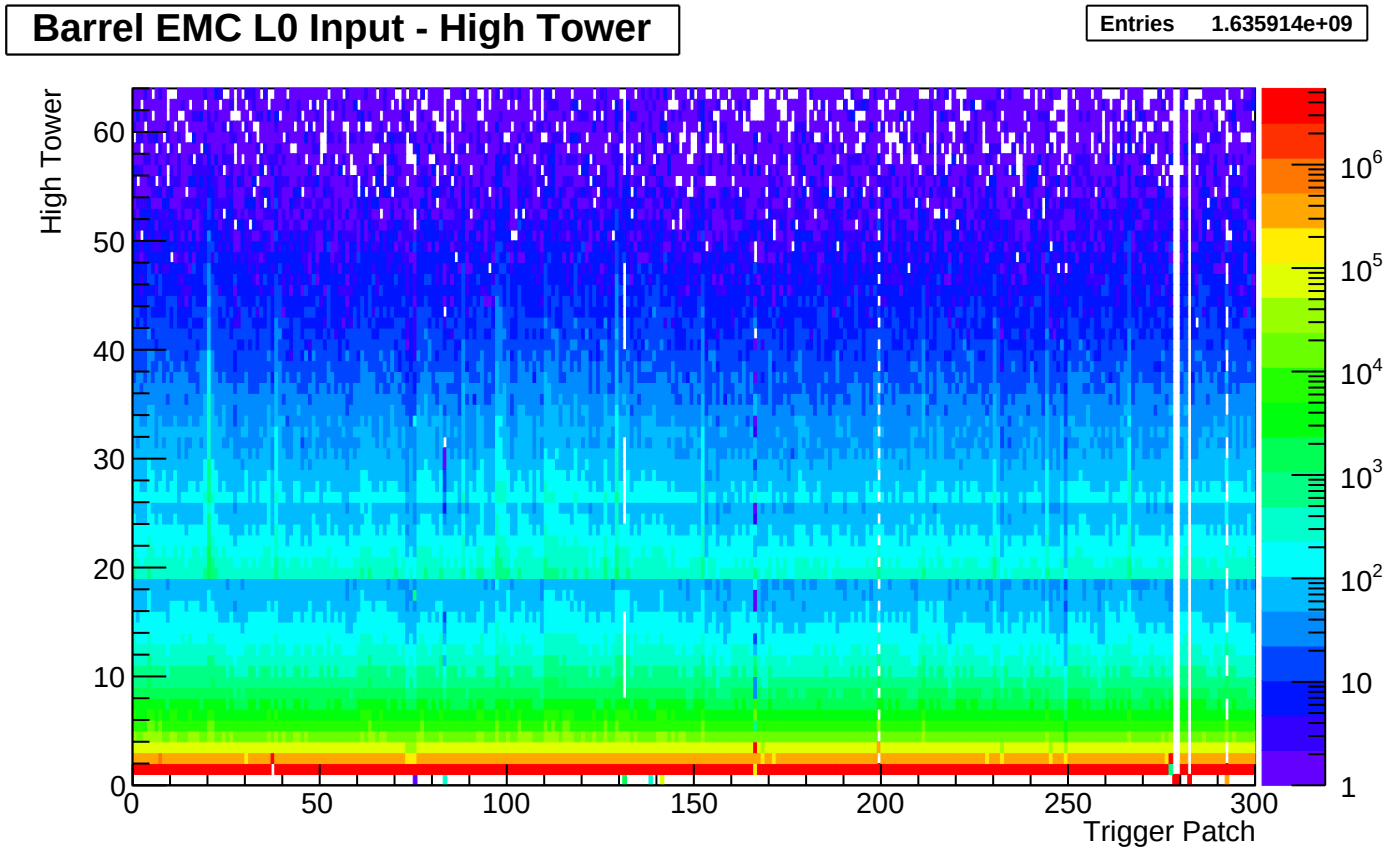
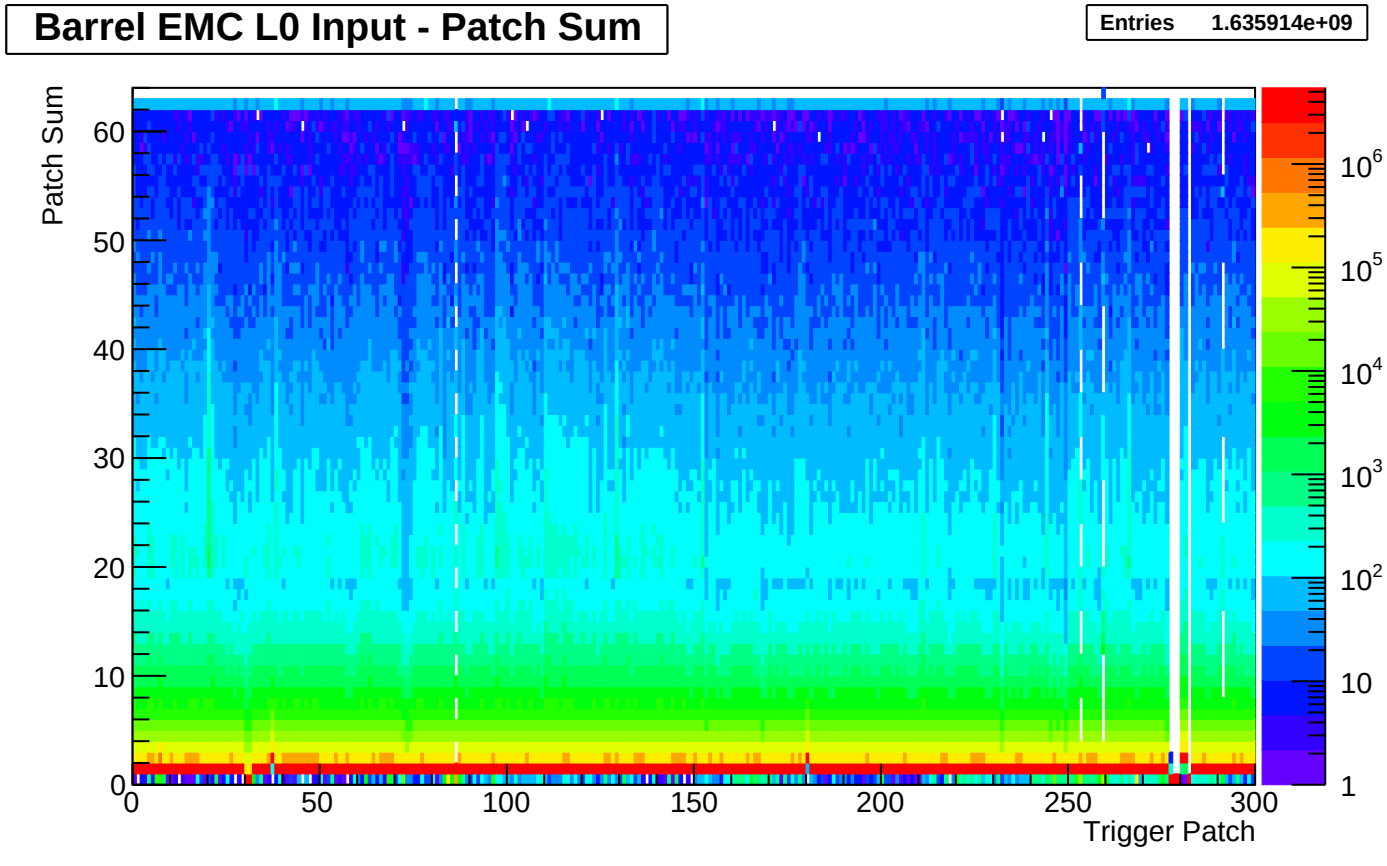
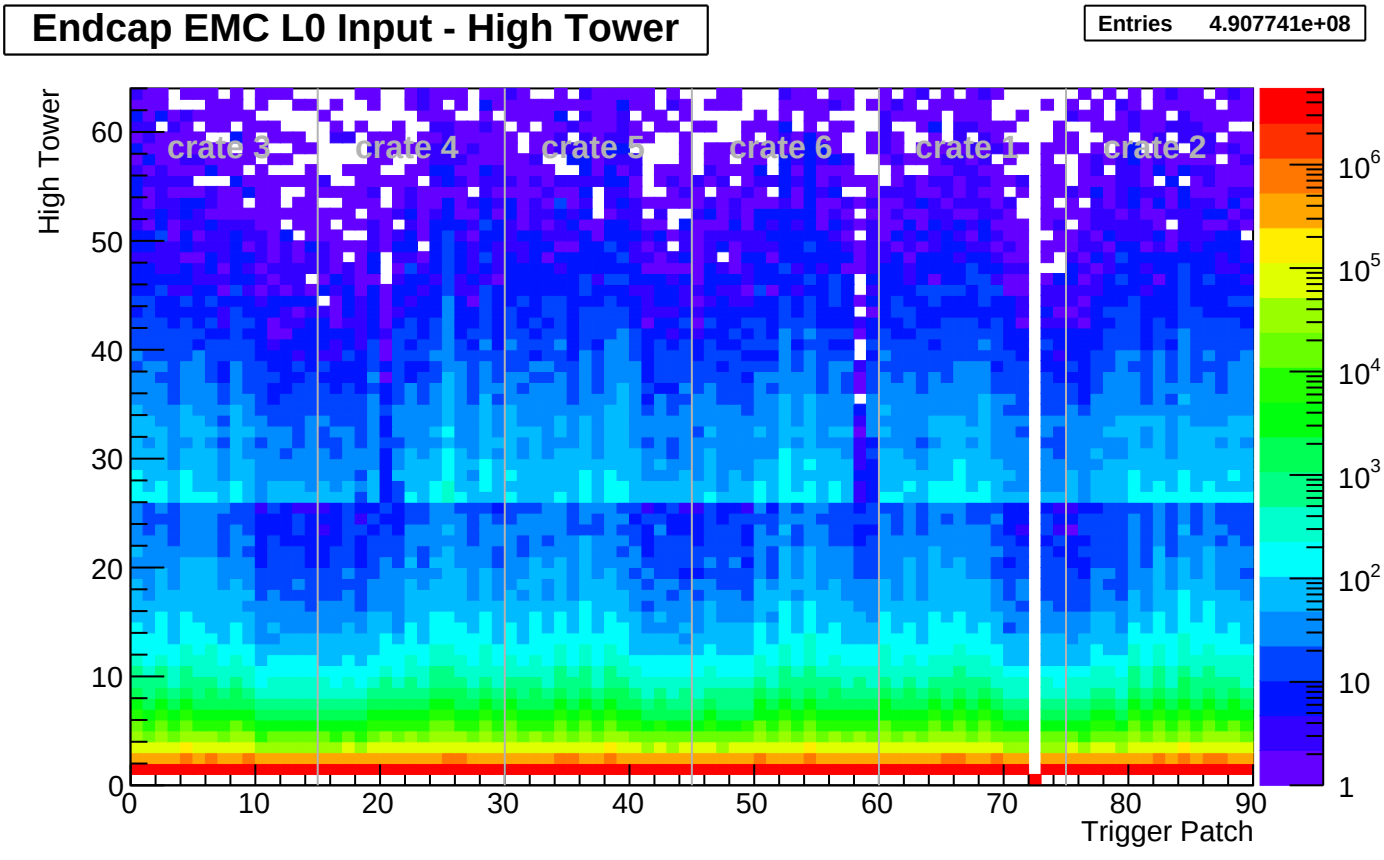
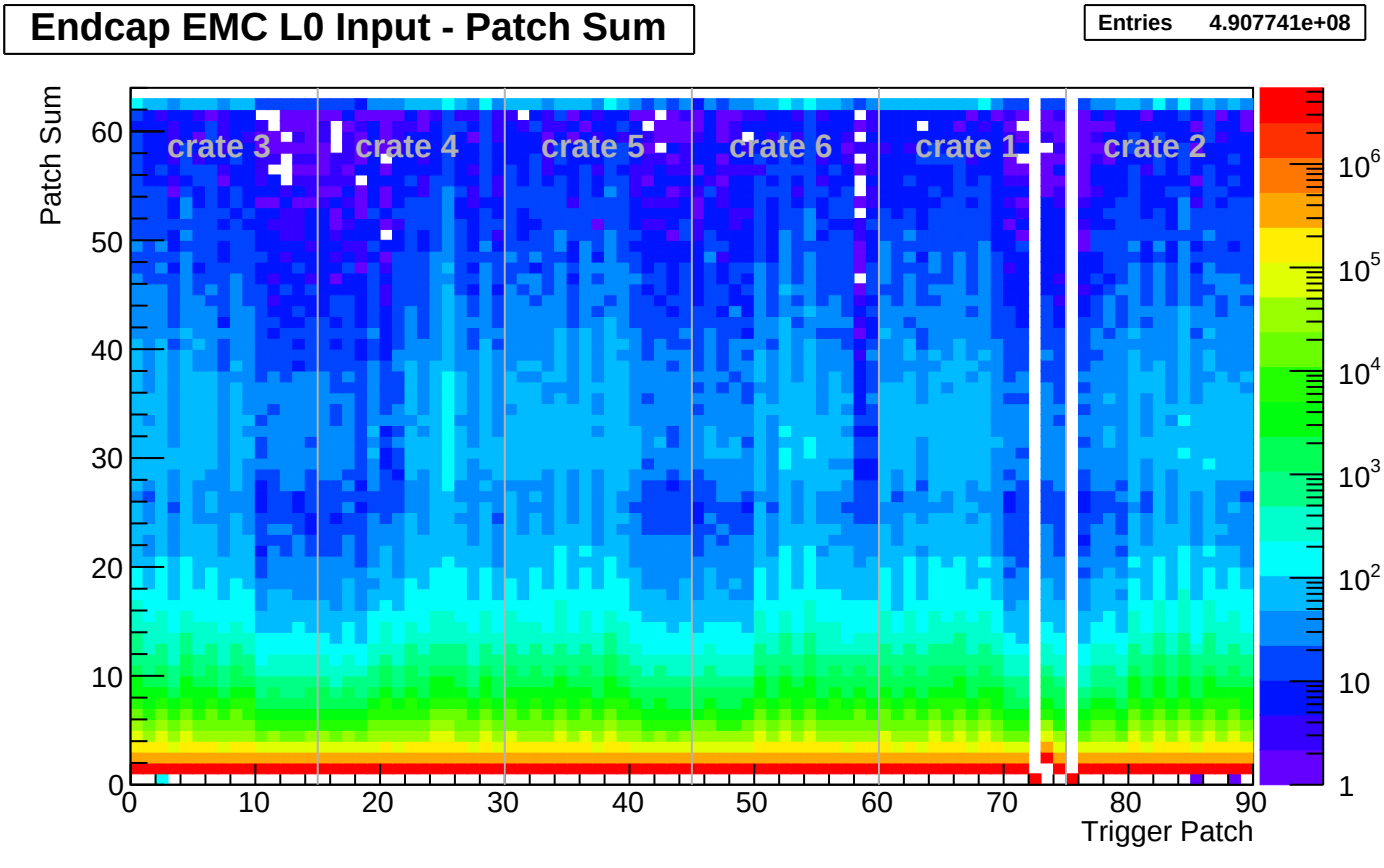
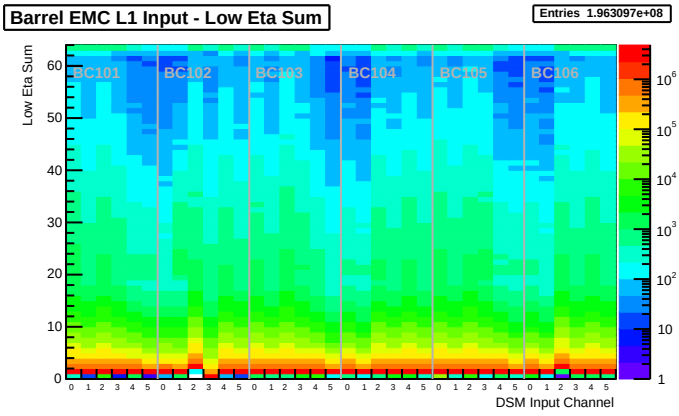
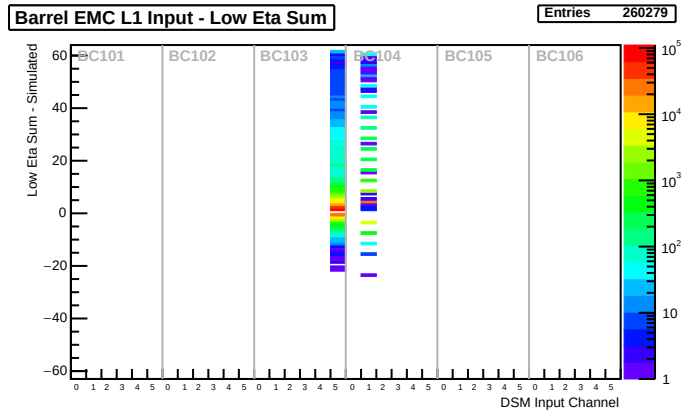

Barrel EMC L0 Input - High Tower
Entries 1.635914e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

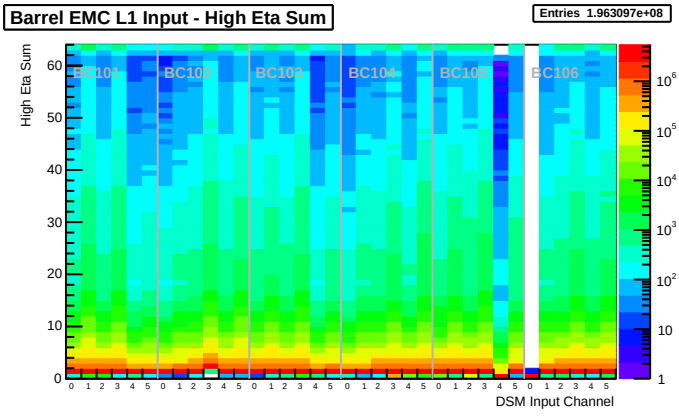

Barrel EMC L0 Input - Patch Sum
Entries 1.635914e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

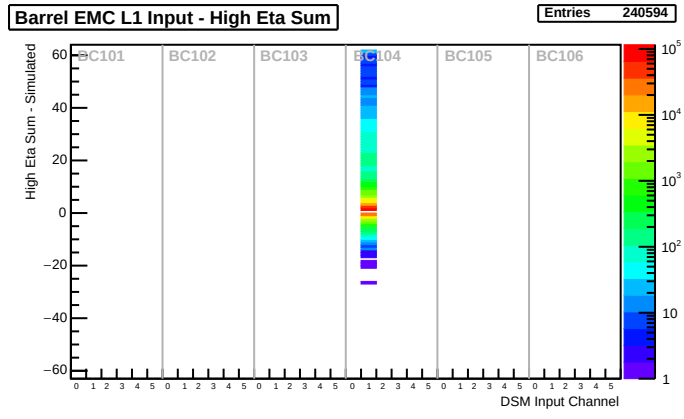

Endcap EMC L0 Input - High Tower
Entries 4.907741e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

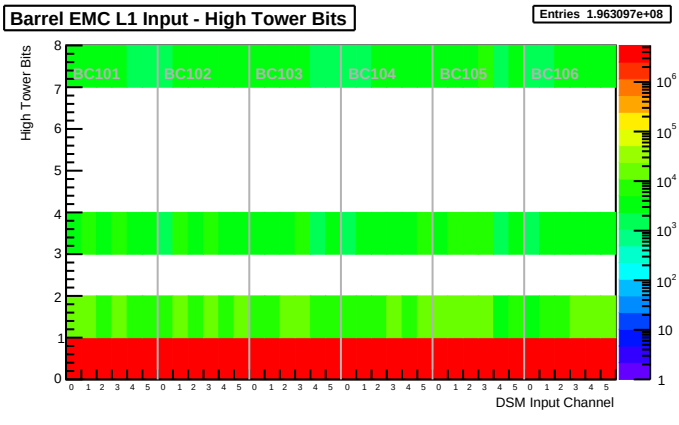

Endcap EMC L0 Input - Patch Sum
Entries 4.907741e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

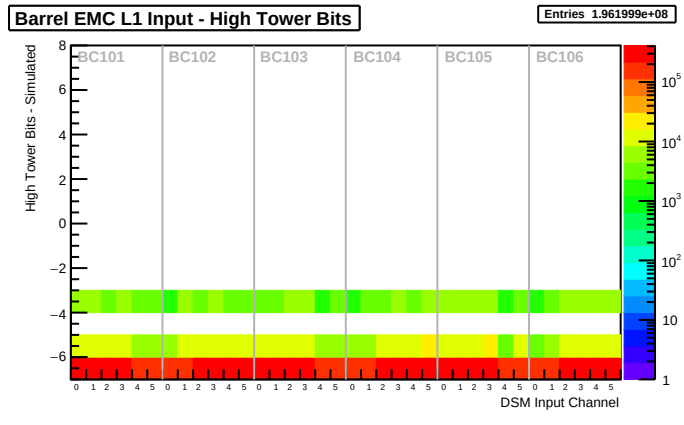

Barrel EMC L1 Input - Low Eta Sum
Entries 1.963097e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

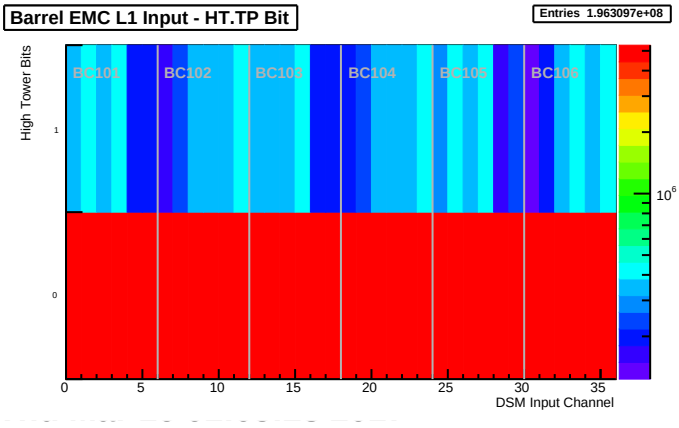

Barrel EMC L1 Input - Low Eta Sum
Entries 260279
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

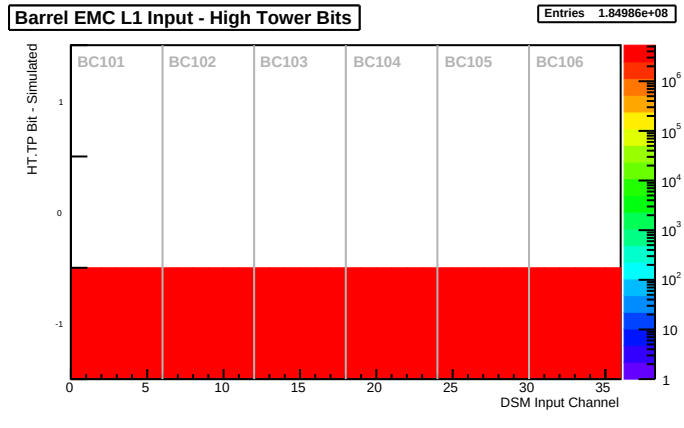

Barrel EMC L1 Input - High Eta Sum
Entries 1.963097e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

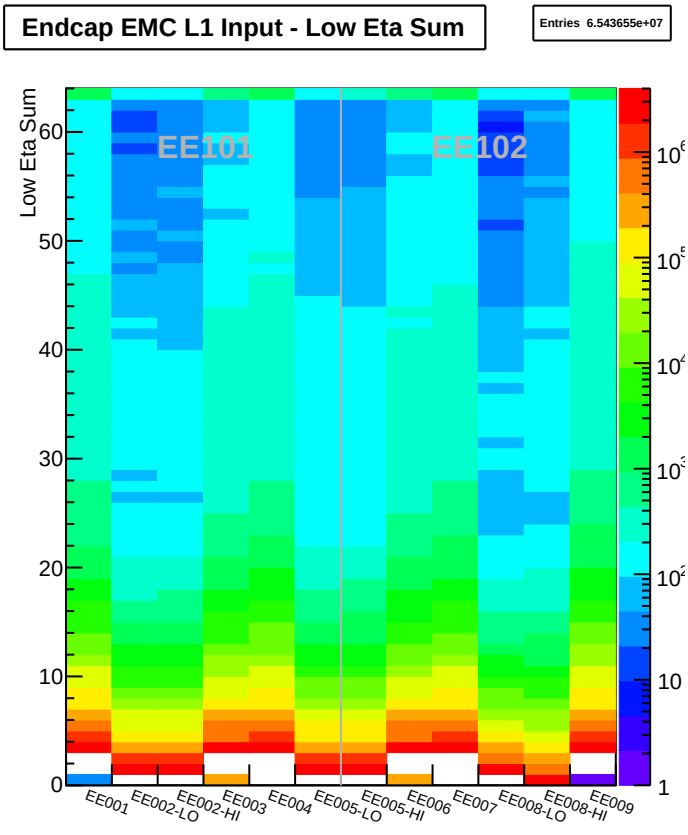

Barrel EMC L1 Input - High Eta Sum
Entries 240594
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

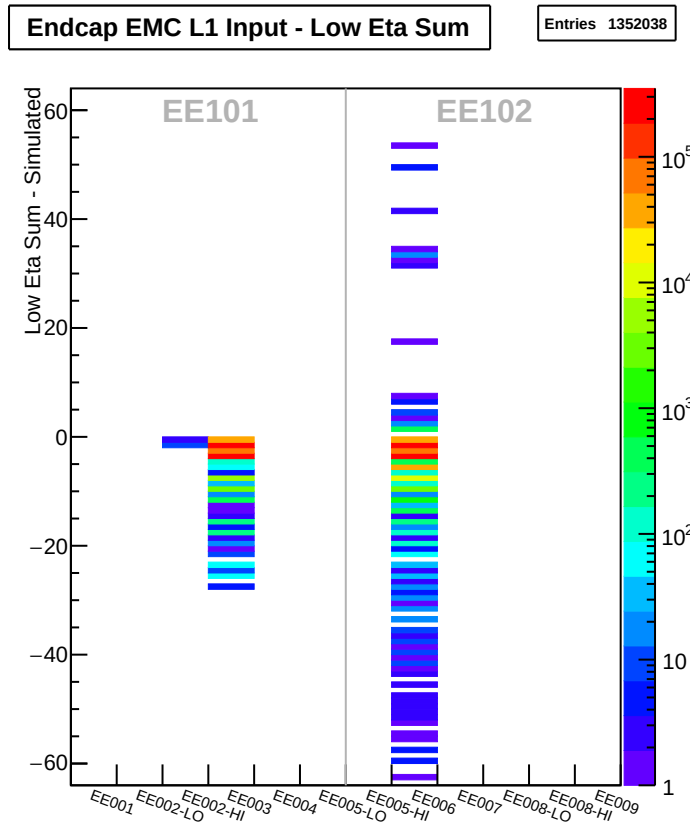

Barrel EMC L1 Input - High Tower Bits
Entries 1.963097e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

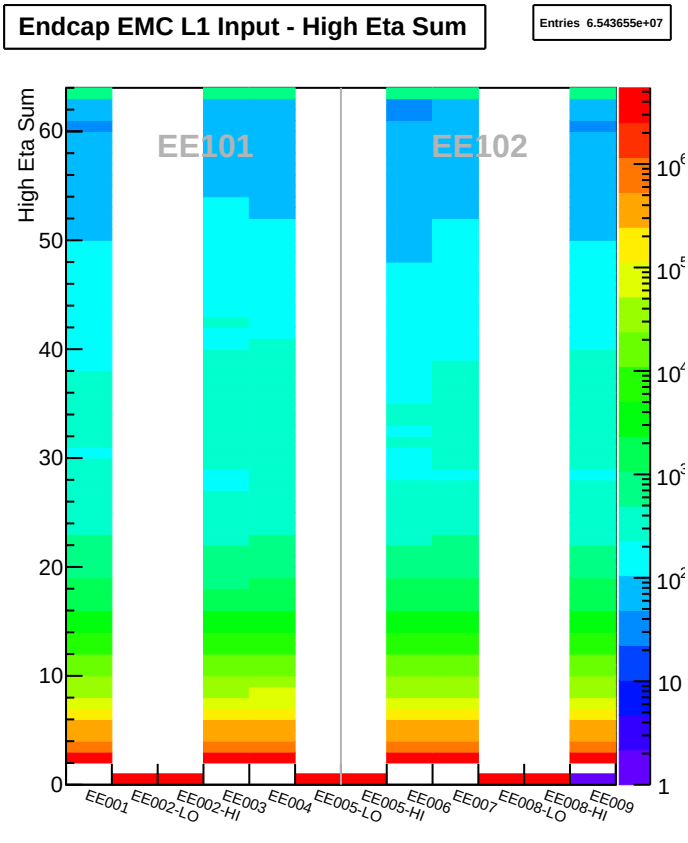

Barrel EMC L1 Input - High Tower Bits
Entries 1.961999e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

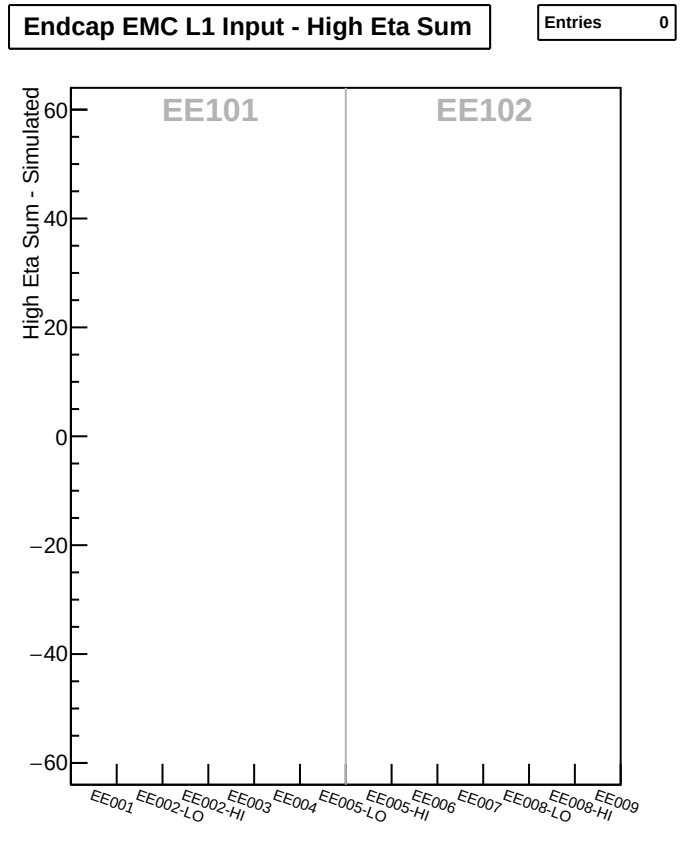

Barrel EMC L1 Input - HT.TP Bit
Entries 1.963097e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

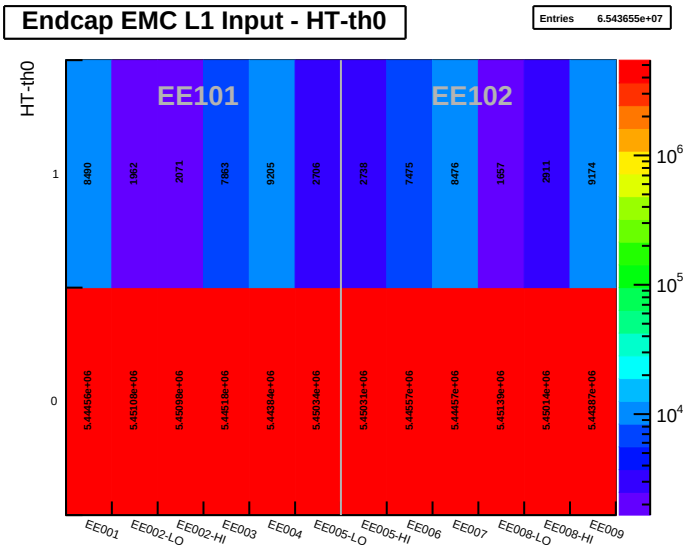

Barrel EMC L1 Input - High Tower Bits
Entries 1.84986e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

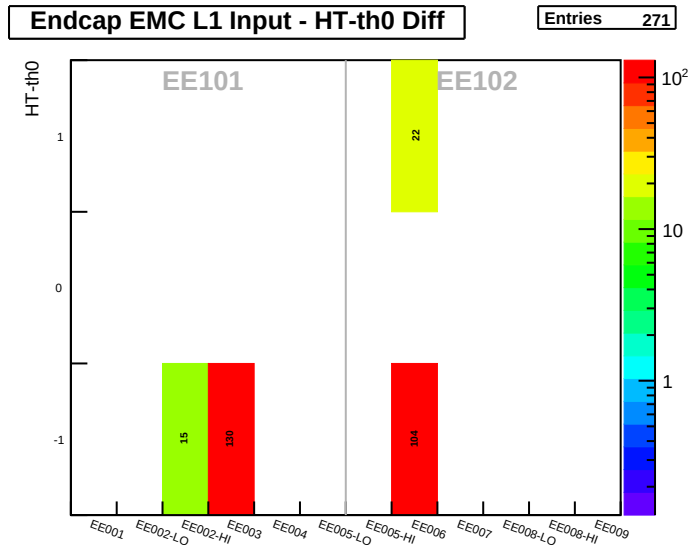

Endcap EMC L1 Input - Low Eta Sum
Entries 6.543655e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

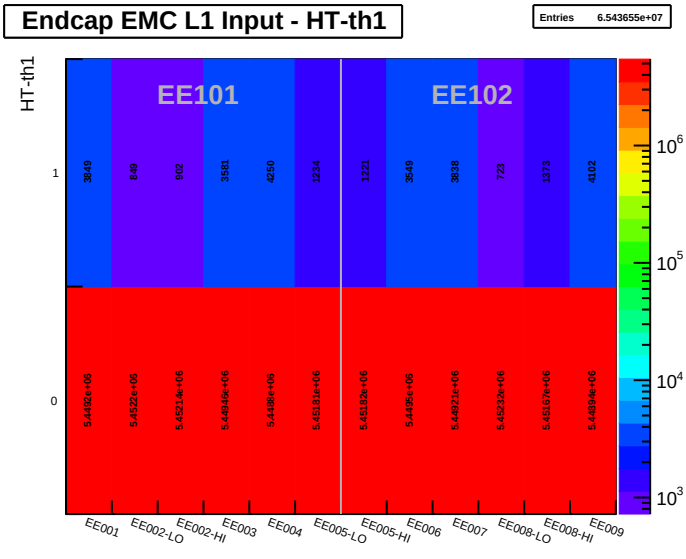

Endcap EMC L1 Input - Low Eta Sum
Entries 1352038
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

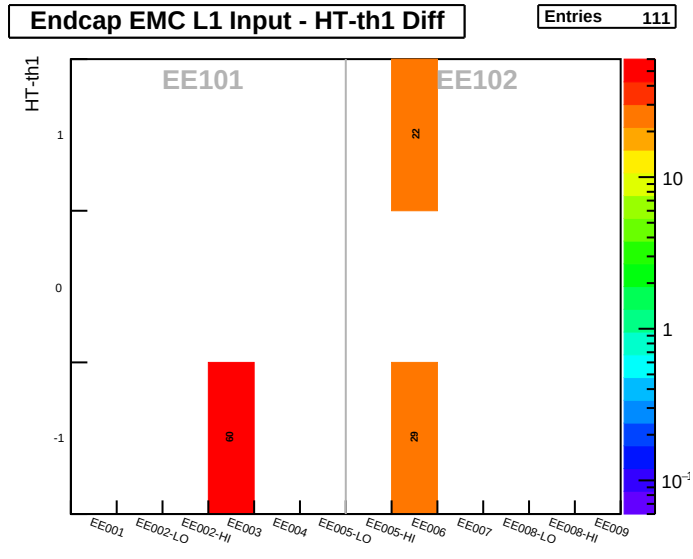

Endcap EMC L1 Input - High Eta Sum
Entries 6.543655e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

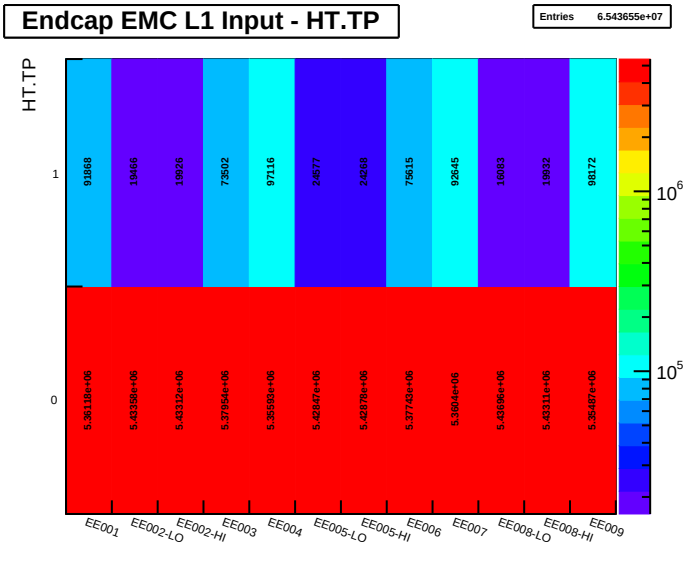

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

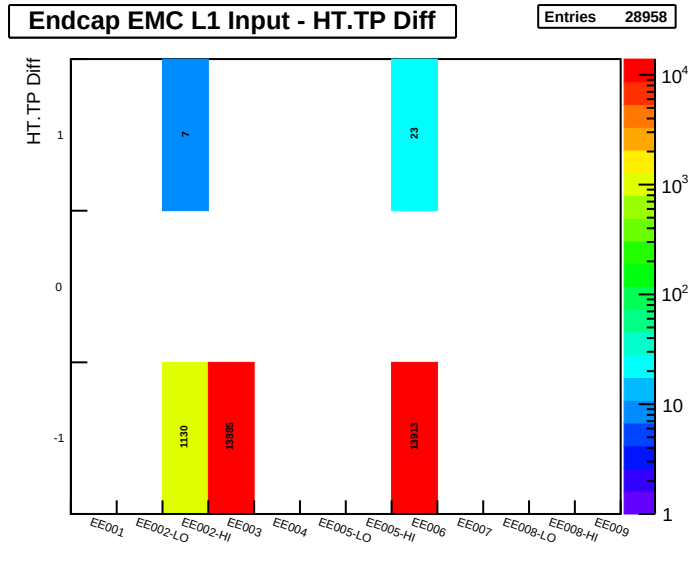

Endcap EMC L1 Input - HT-th0
Entries 6.543655e+07
HT-th0
EE101
EE102
8490 1962 2071 7863 9205 2706 2738 7475 8476 1657 2911 9174
5.44456e+06 5.45109e+06 5.45098e+06 5.44518e+06 5.44384e+06 5.45034e+06 5.45031e+06 5.44557e+06 5.44576e+06 5.45139e+06 5.45014e+06 5.44387e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

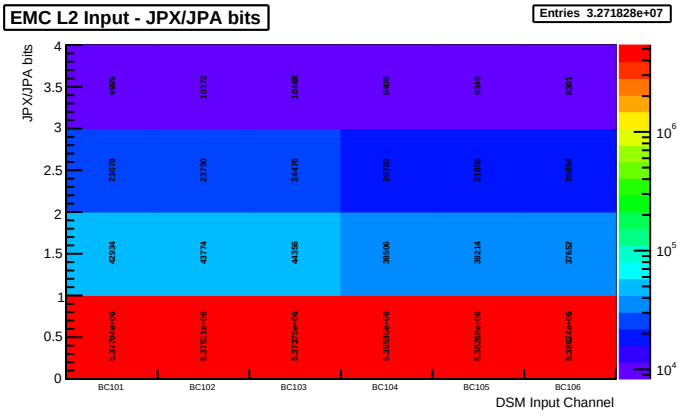

Endcap EMC L1 Input - HT-th0 Diff
Entries 271
HT-th0
EE101
EE102
22
15 130 104
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

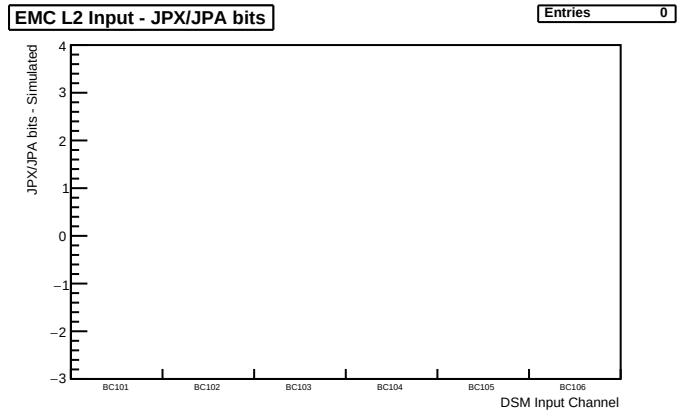

Endcap EMC L1 Input - HT-th1
Entries 6.543655e+07
HT-th1
EE101
EE102
3849 849 902 3581 4250 1234 1221 3549 3838 723 1373 4102
5.44492e+06 5.45522e+06 5.45214e+06 5.44945e+06 5.44488e+06 5.45151e+06 5.45152e+06 5.44955e+06 5.44921e+06 5.45232e+06 5.45167e+06 5.44894e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

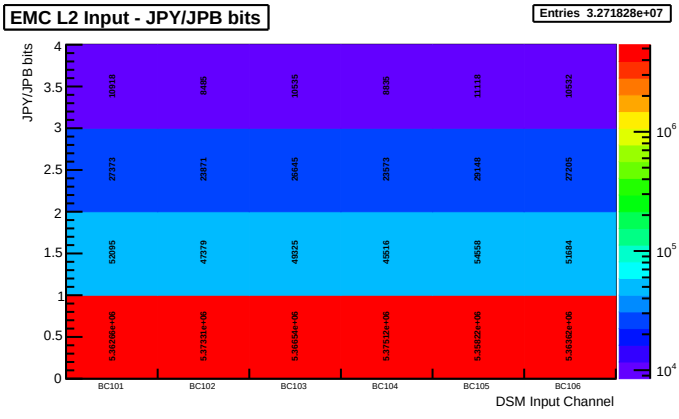

Endcap EMC L1 Input - HT-th1 Diff
Entries 111
HT-th1
EE101
EE102
22
60 29
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

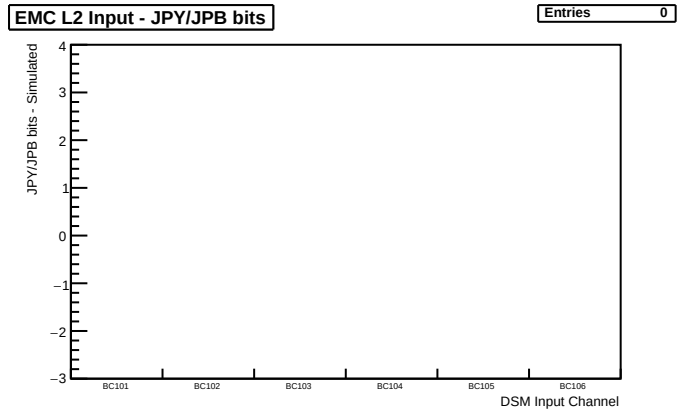

Endcap EMC L1 Input - HT.TP
Entries 6.543655e+07
HT.TP
91868 19466 19926 73502 97116 24577 24268 79615 92645 16083 19932 98172
5.36118e+06 5.43358e+06 5.43312e+06 5.37954e+06 5.35958e+06 5.42847e+06 5.42878e+06 5.37742e+06 5.36064e+06 5.43696e+06 5.43311e+06 5.35487e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

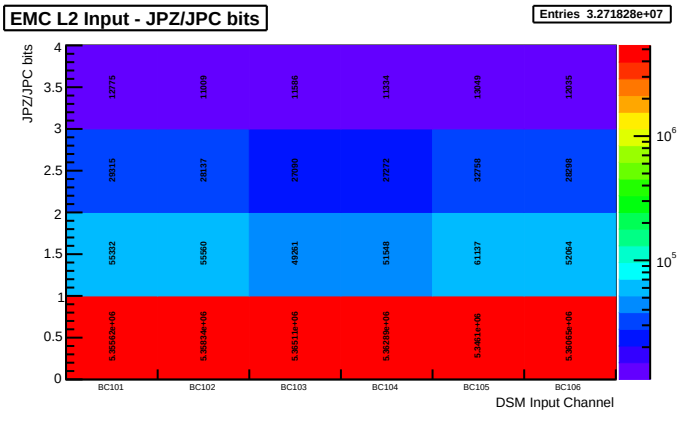

Endcap EMC L1 Input - HT.TP Diff
Entries 28958
HT.TP Diff
7
23
1130 13885 13913
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

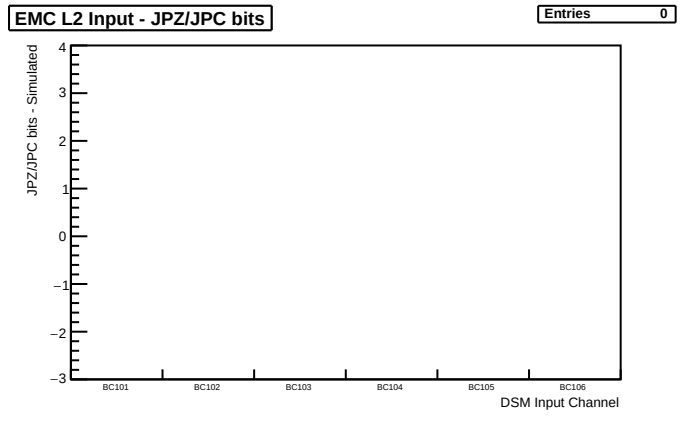

EMC L2 Input - JPX/JPA bits
Entries 3.271828e+07
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
9969 10372 10468 8408 9949 8301
23078 23790 24476 20783 21808 20854
42934 43774 44356 38506 39214 37652
5.37704e+06 5.37691e+06 5.37375e+06 5.38535e+06 5.38268e+06 5.38624e+06

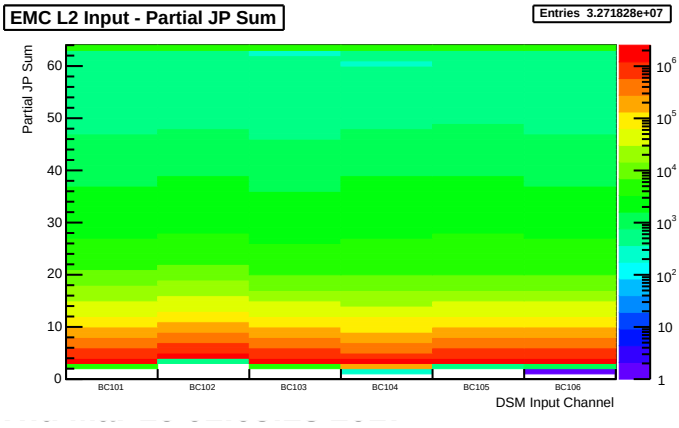

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

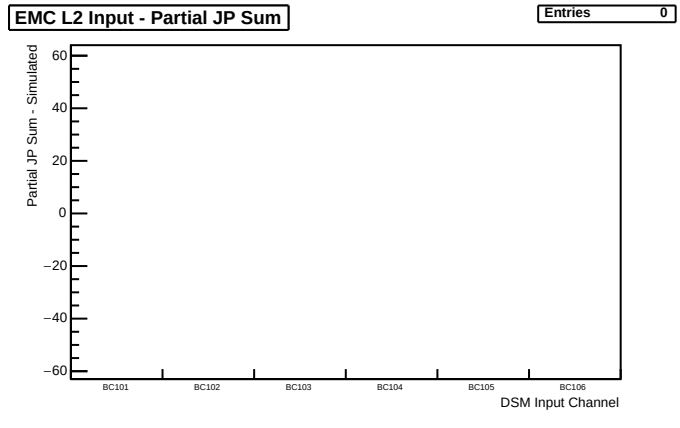

EMC L2 Input - JPY/JPB bits
Entries 3.271828e+07
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
10918 8485 10535 8835 11118 10532
27373 23971 26845 23573 29148 27265
52095 47319 48925 45516 54658 51684
5.36266e+06 5.37331e+06 5.36654e+06 5.37512e+06 5.35822e+06 5.36382e+06

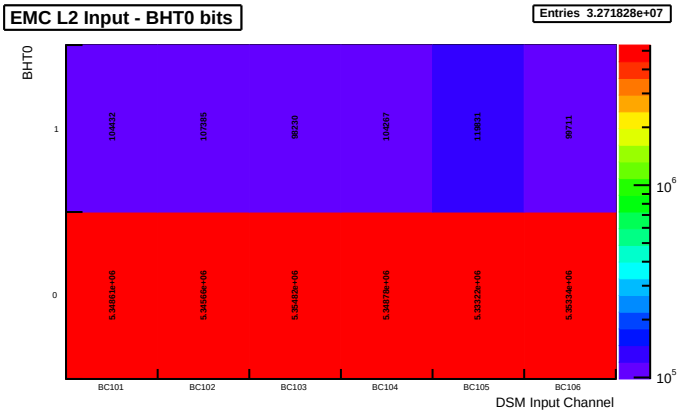

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

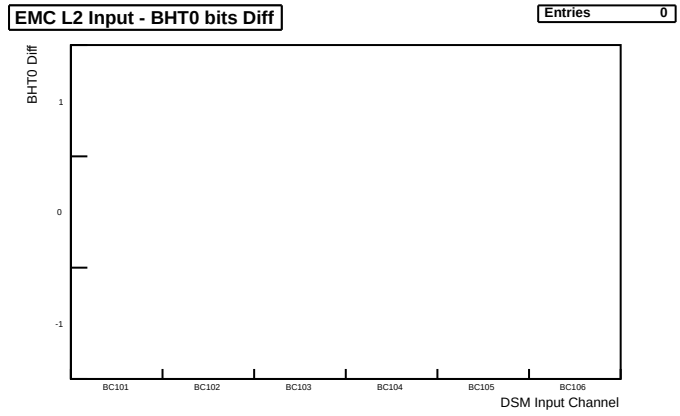

EMC L2 Input - JPZ/JPC bits
Entries 3.271828e+07
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106
12775 11009 11586 11334 13049 12035
28515 28137 27980 27272 32758 28838
55322 55960 49261 51548 61137 52064
5.35526e+06 5.35834e+06 5.36511e+06 5.36209e+06 5.34614e+06 5.36065e+06

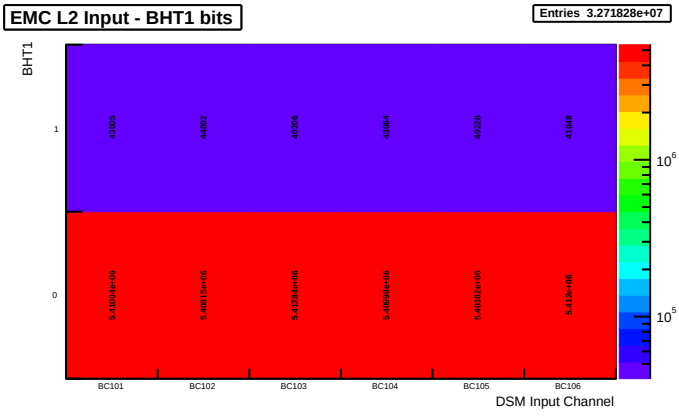

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

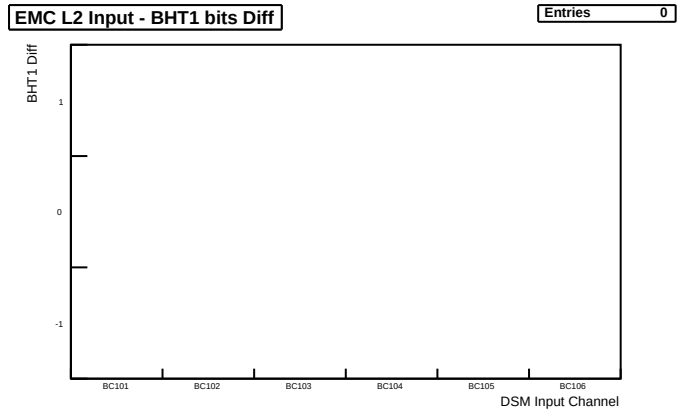

EMC L2 Input - Partial JP Sum
Entries 3.271828e+07
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

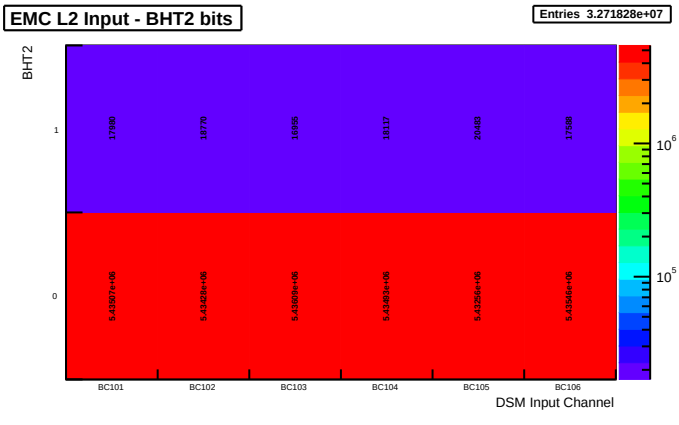

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106

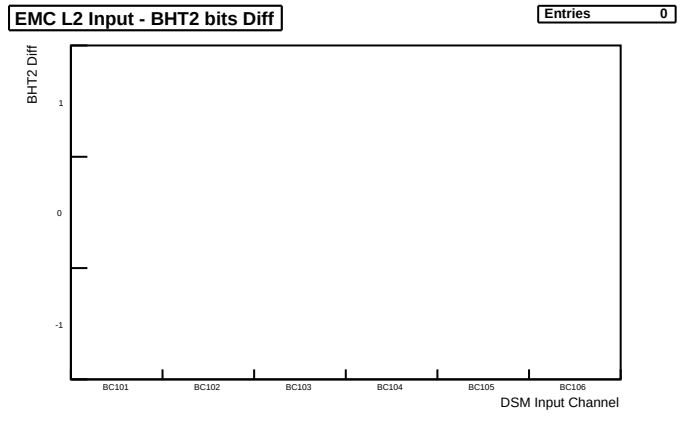

EMC L2 Input - BHT0 bits
Entries 3.271828e+07
BHT0
1
0
104432
107385
98230
104637
118931
99711
5.34861e+06
5.34566e+06
5.35482e+06
5.34978e+06
5.33322e+06
5.33334e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

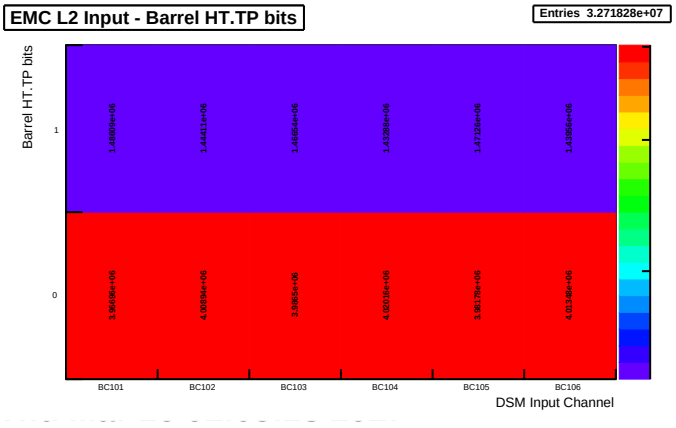

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

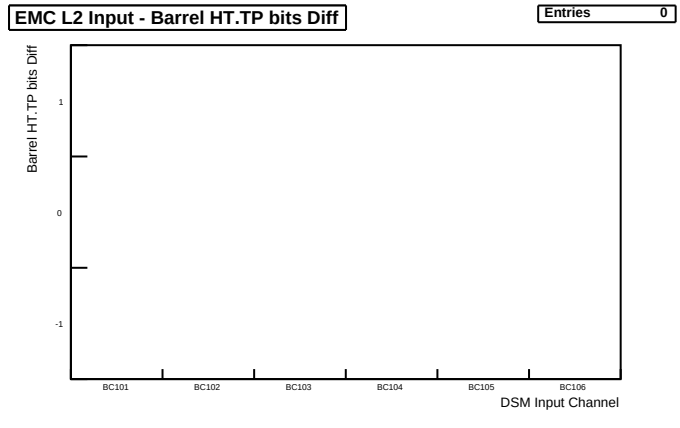

EMC L2 Input - BHT1 bits
Entries 3.271828e+07
BHT1
1
0
43005
44982
40206
43064
43228
41048
5.41044e+06
5.40815e+06
5.41284e+06
5.40999e+06
5.40382e+06
5.412e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

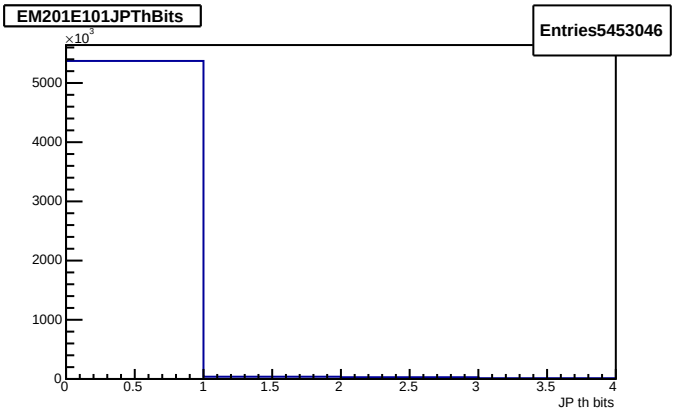

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

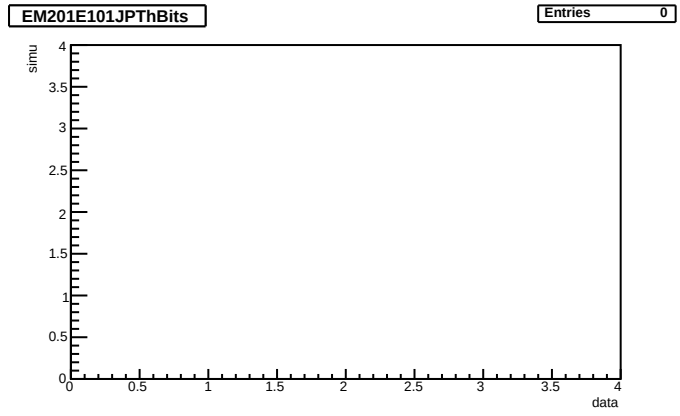

EMC L2 Input - BHT2 bits
Entries 3.271828e+07
BHT2
1
0
17380
18770
16955
18117
20483
17538
5.43507e+06
5.43428e+06
5.43609e+06
5.43483e+06
5.43256e+06
5.43556e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

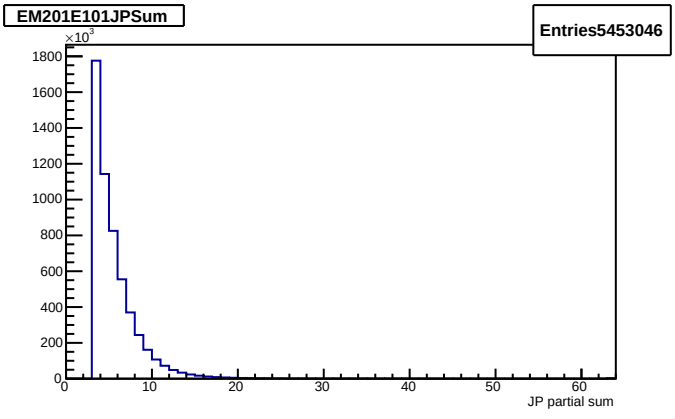

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

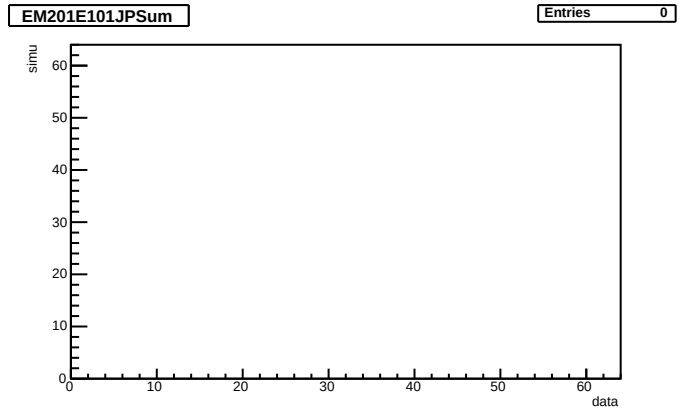

EMC L2 Input - Barrel HT.TP bits
Entries 3.271828e+07
Barrel HT.TP bits
1
0
1.46509e+06
1.44411e+06
1.46654e+06
1.43238e+06
1.47726e+06
1.43956e+06
3.96158e+06
4.00894e+06
3.96855e+06
4.02016e+06
3.98178e+06
4.01348e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

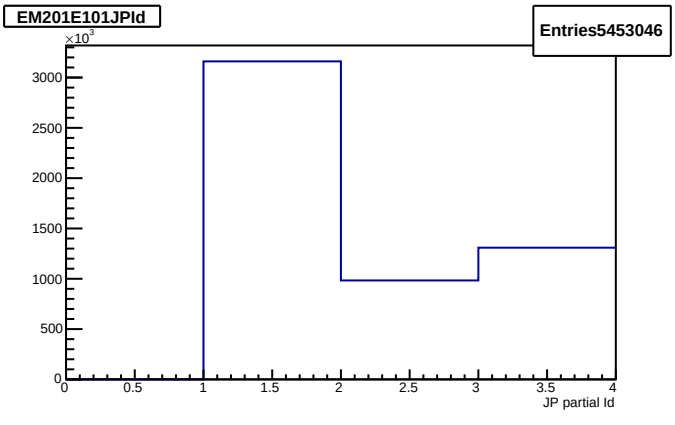

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

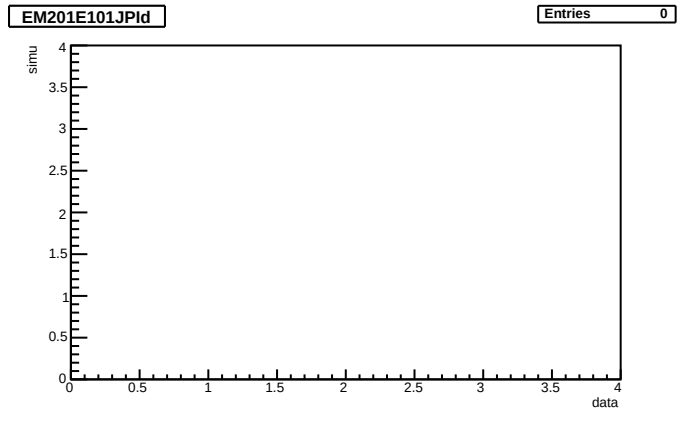

EM201E101JPThBits
Entries5453046
×10^3
JP th bits

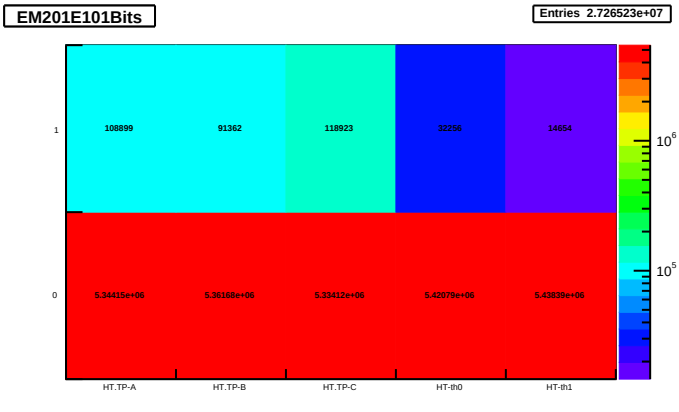

EM201E101JPThBits
Entries 0
simu
data

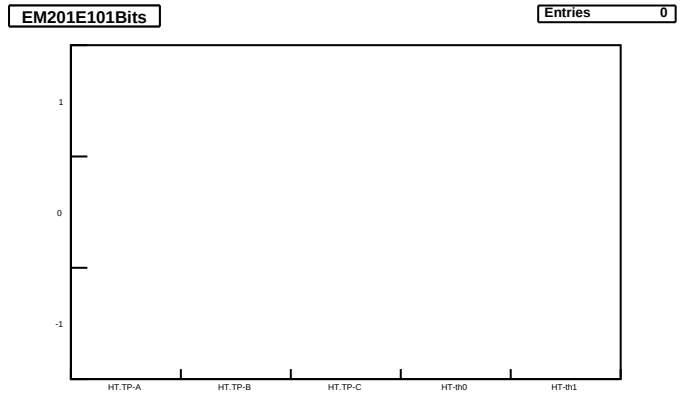

EM201E101JPSum
Entries5453046
×10^3
JP partial sum

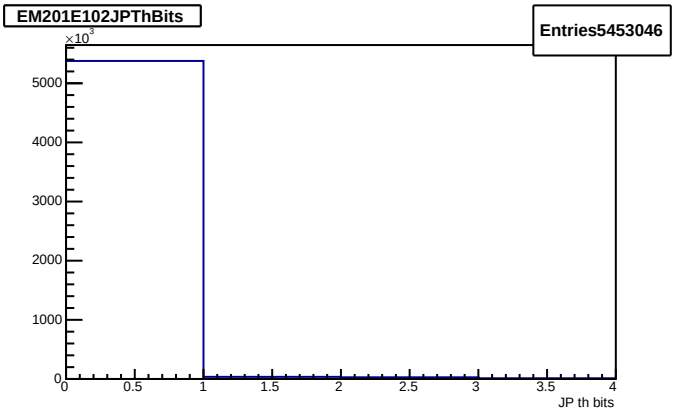

EM201E101JPSum
Entries 0
simu
data

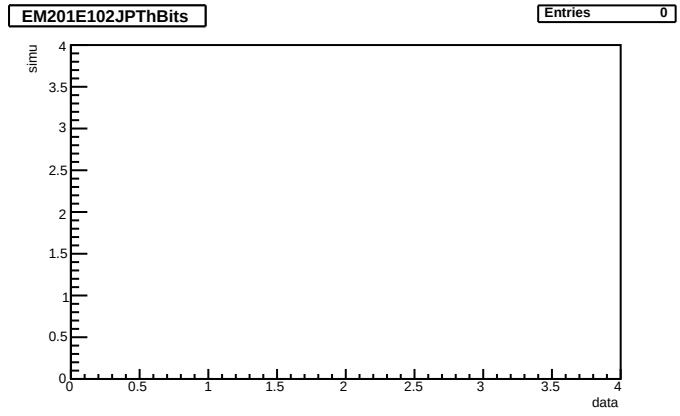

EM201E101JPId
Entries5453046
×10^3
JP partial Id

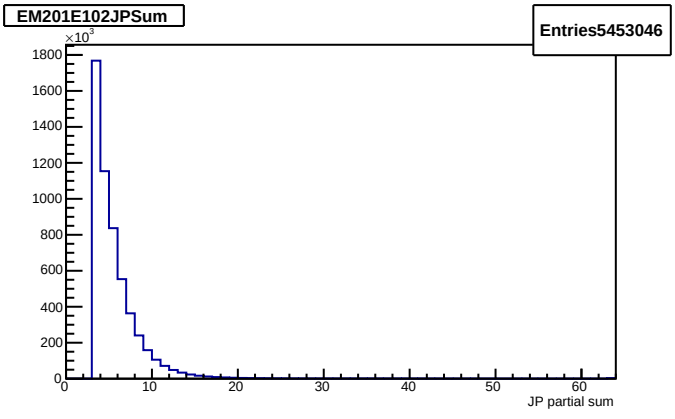

EM201E101JPId
Entries 0
simu
data

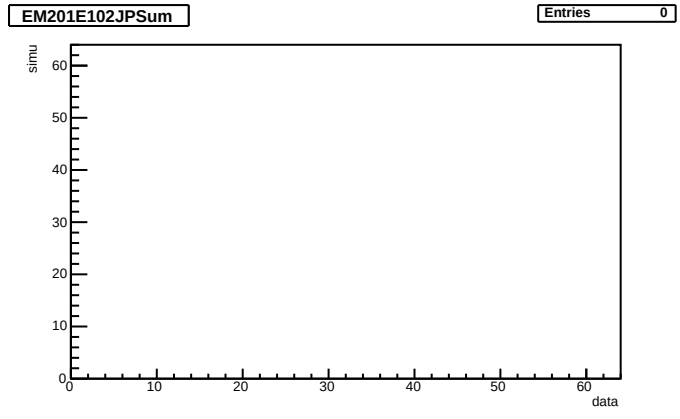

EM201E101Bits
Entries 2.726523e+07
108899
91362
118923
32256
14654
5.34415e+06
5.36168e+06
5.33412e+06
5.42079e+06
5.43839e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

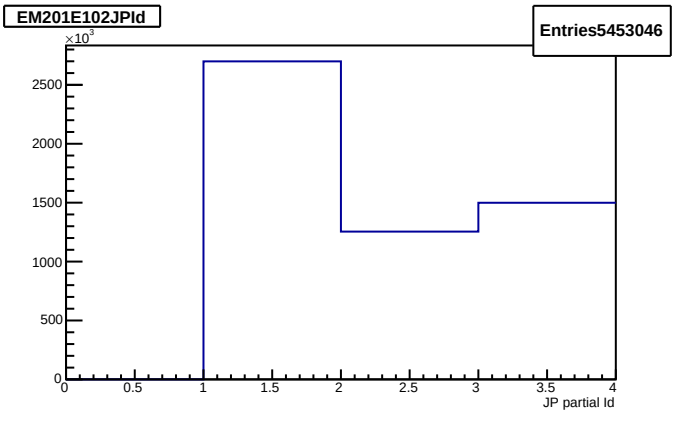

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

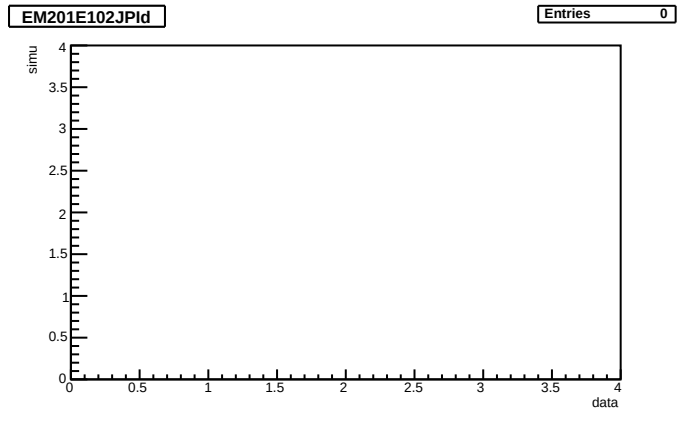

EM201E102JPThBits
Entries5453046
×10^3
JP th bits

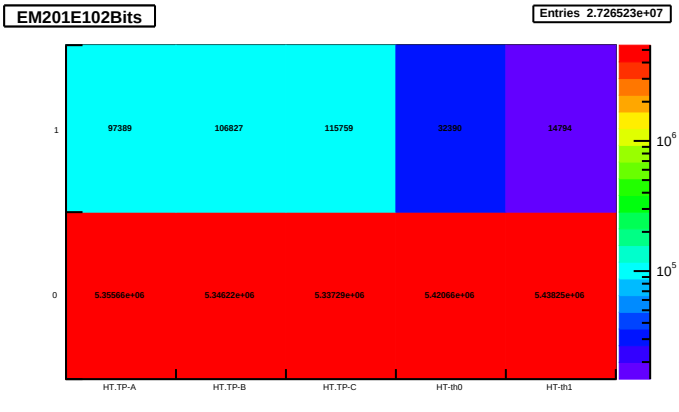

EM201E102JPThBits
Entries 0
simu
data

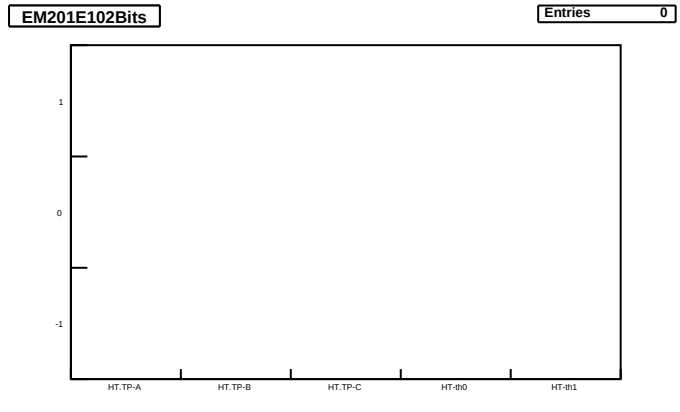

EM201E102JPSum
Entries5453046
×10^3
JP partial sum

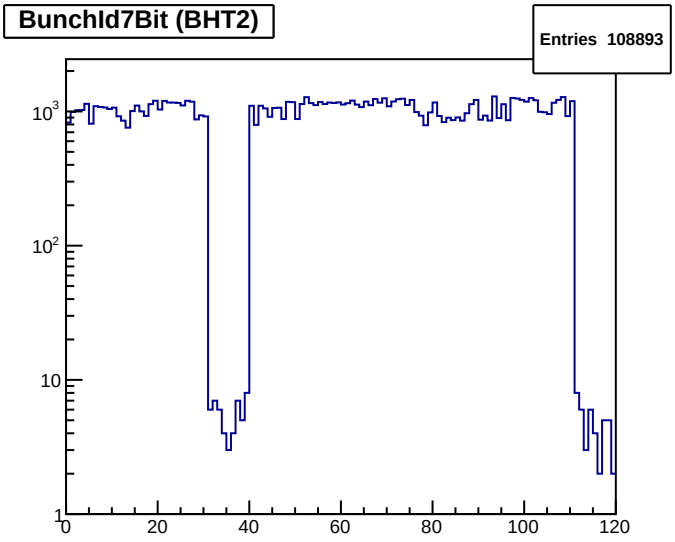

EM201E102JPSum
Entries 0
simu
data

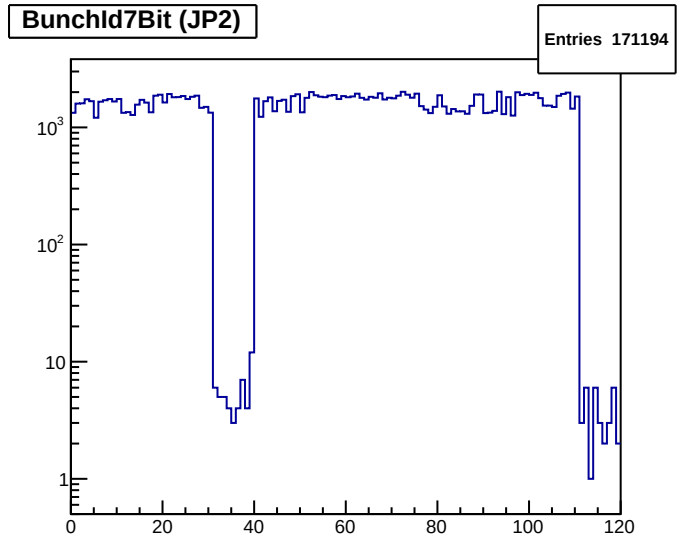

EM201E102JPId
Entries5453046
×10^3
JP partial Id

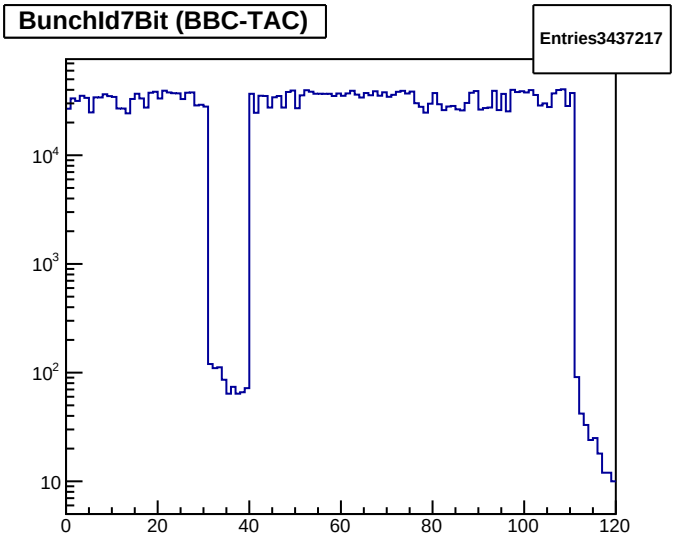

EM201E102JPId
Entries 0
simu
data

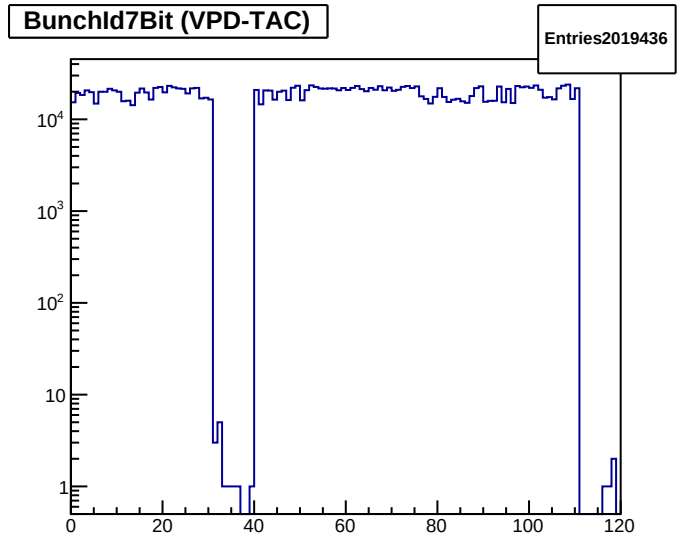

EM201E102Bits
Entries 2.726523e+07
97389
106827
115759
32390
14794
5.35566e+06
5.34622e+06
5.33729e+06
5.42066e+06
5.43825e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

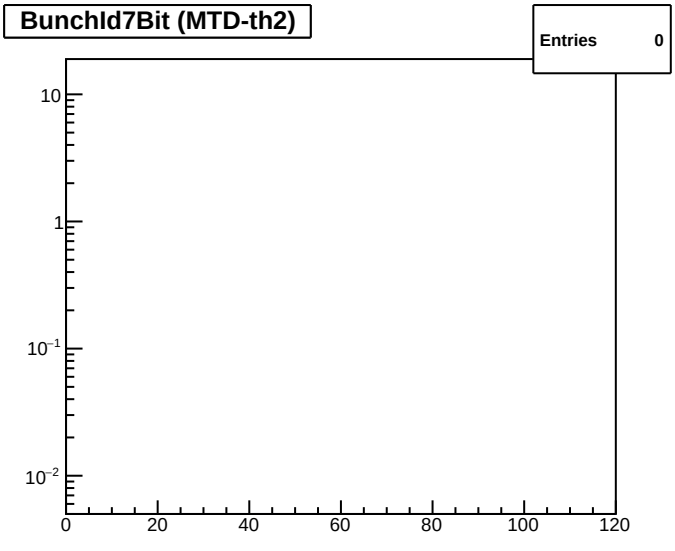

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

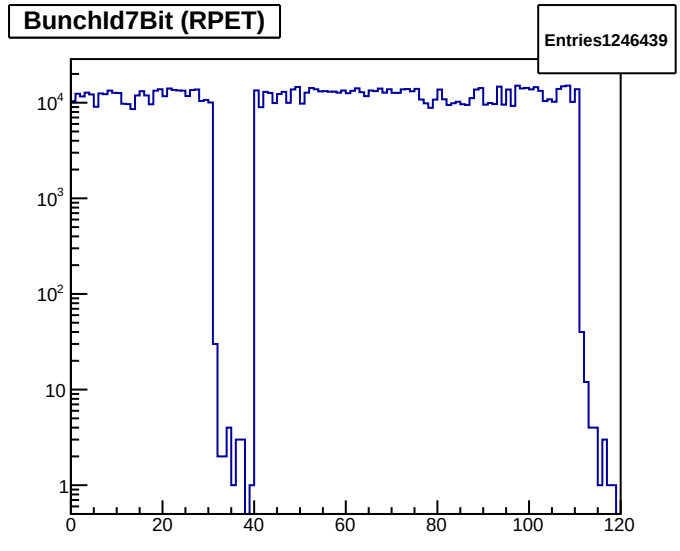

BunchId7Bit (BHT2)
Entries 108893

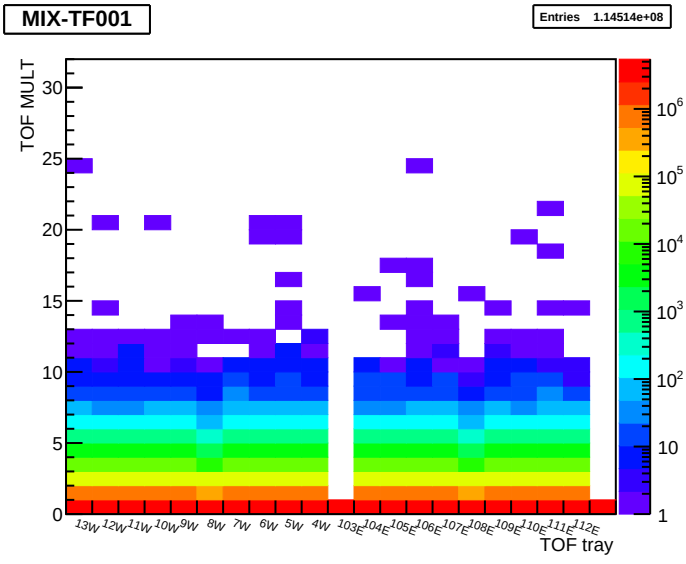

BunchId7Bit (JP2)
Entries 171194

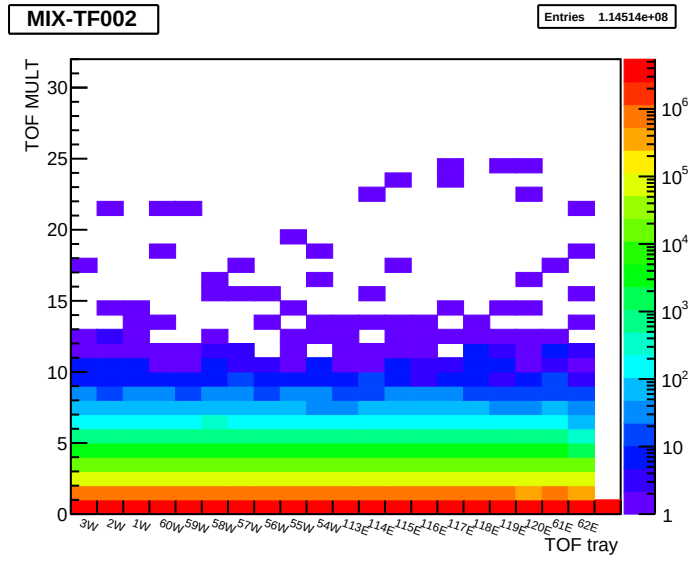

BunchId7Bit (BBC-TAC)
Entries3437217

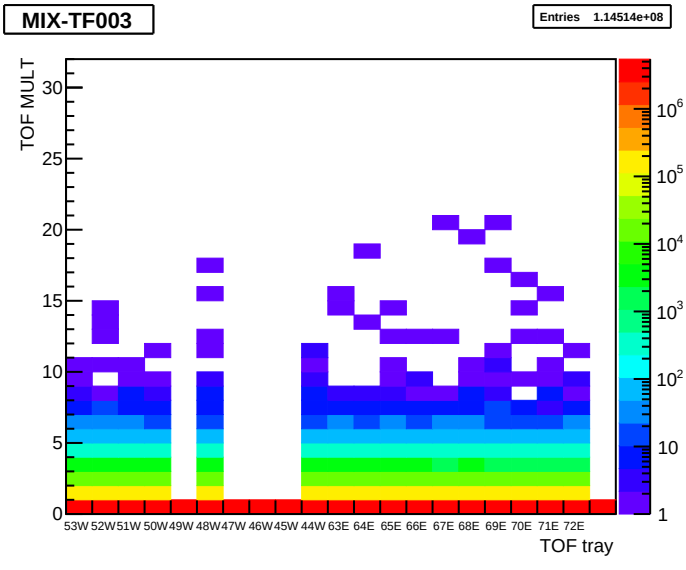

BunchId7Bit (VPD-TAC)
Entries2019436

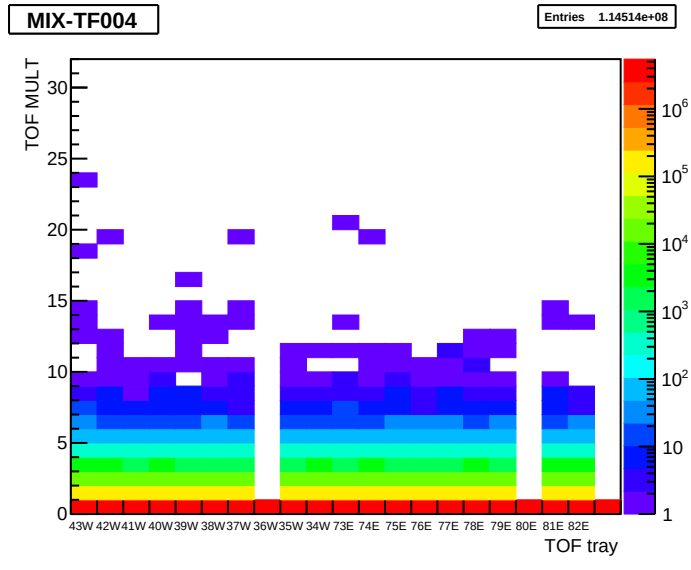

BunchId7Bit (MTD-th2)
Entries 0

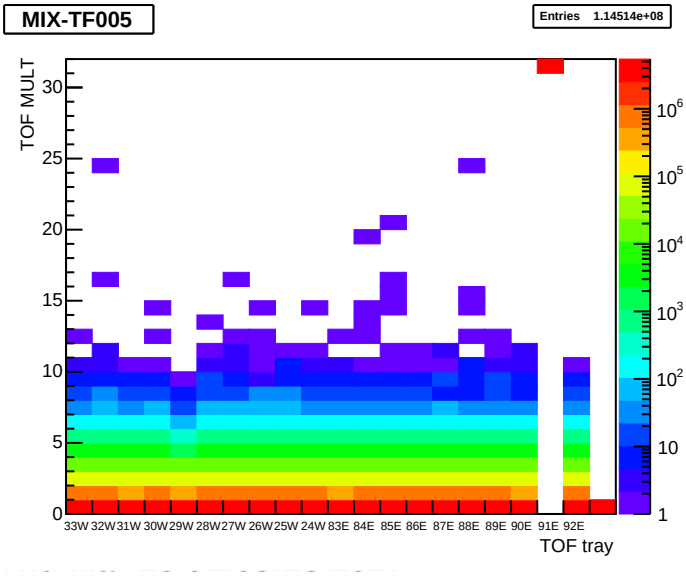

BunchId7Bit (RPET)
Entries1246439

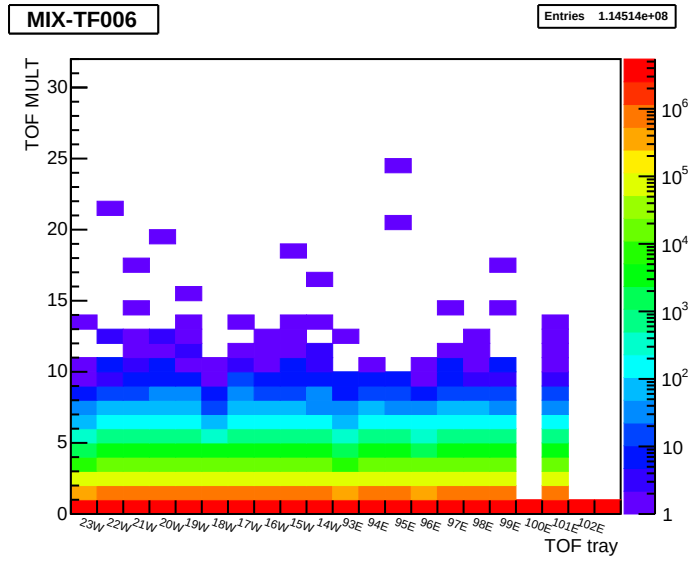

MIX-TF001
Entries 1.14514e+08
TOF MULT
TOF tray

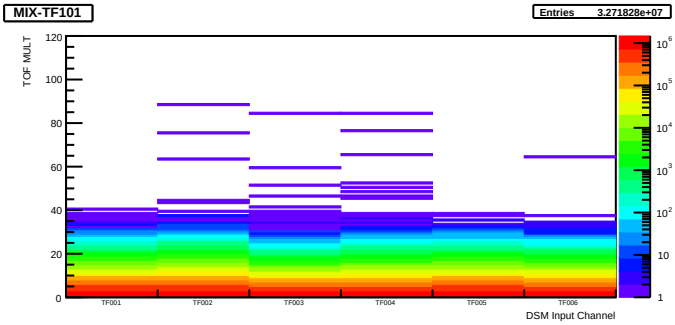

MIX-TF002
Entries 1.14514e+08
TOF MULT
TOF tray

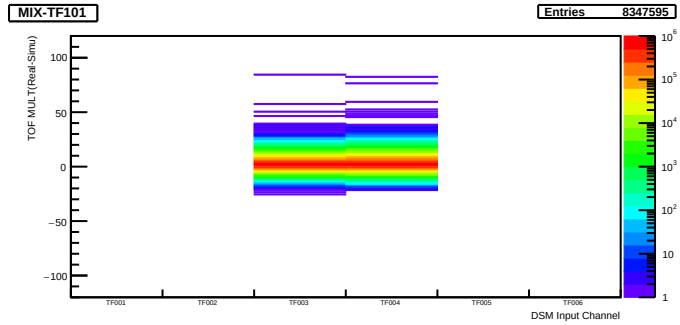

MIX-TF003
Entries 1.14514e+08
TOF MULT
TOF tray

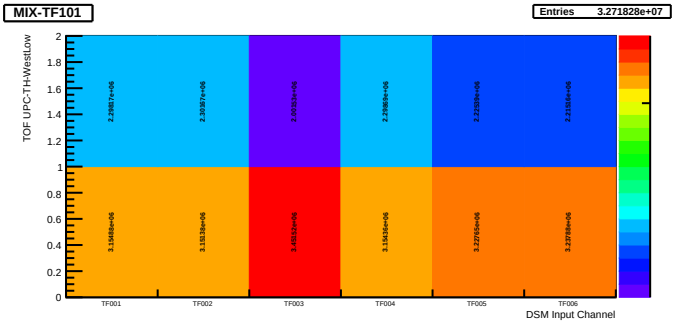

MIX-TF004
Entries 1.14514e+08
TOF MULT
TOF tray

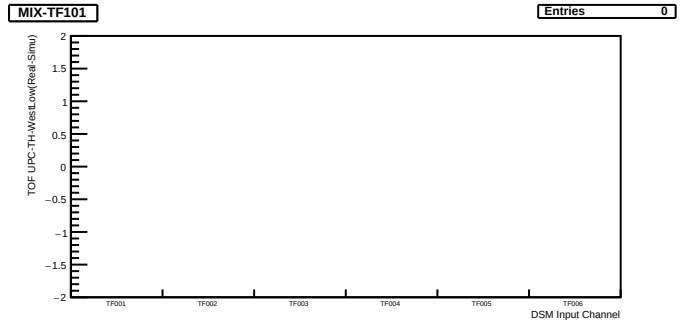

MIX-TF005
Entries 1.14514e+08
TOF MULT
TOF tray

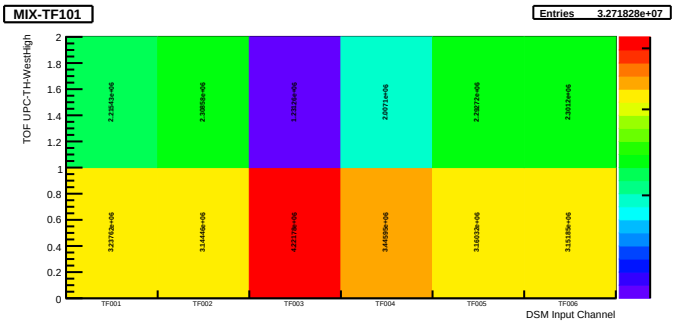

MIX-TF006
Entries 1.14514e+08
TOF MULT
TOF tray

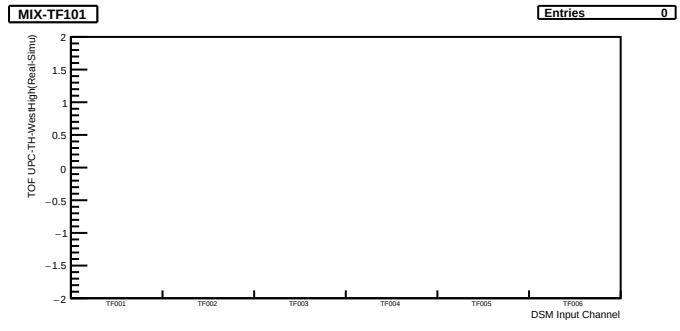

MIX-TF101
Entries 3.271828e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

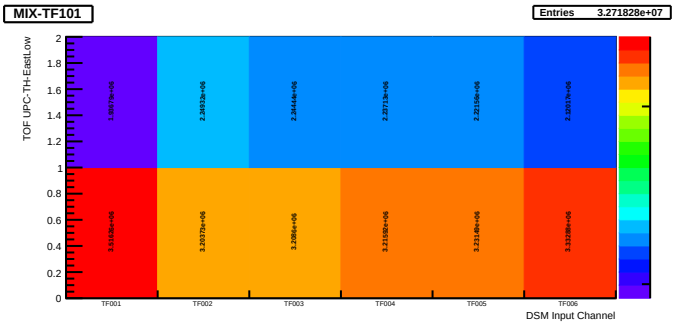

MIX-TF101
Entries 8347595
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

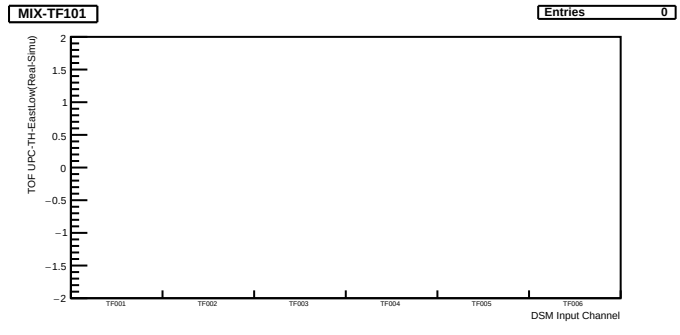

MIX-TF101
Entries 3.271828e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

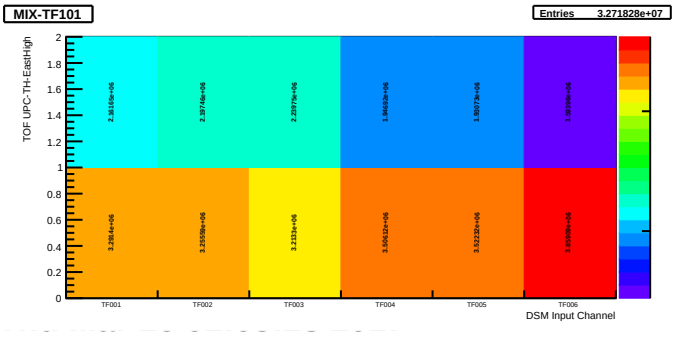

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

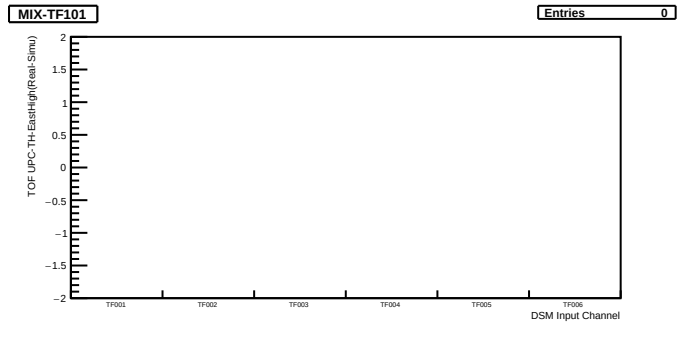

MIX-TF101
Entries 3.271828e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

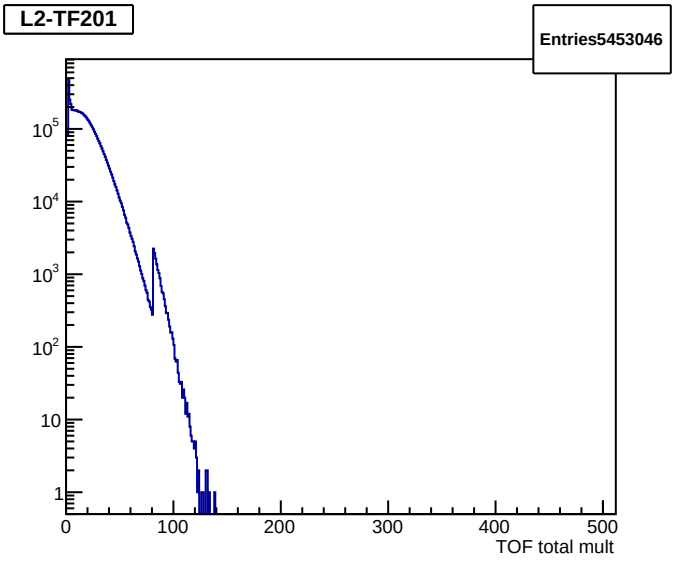

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

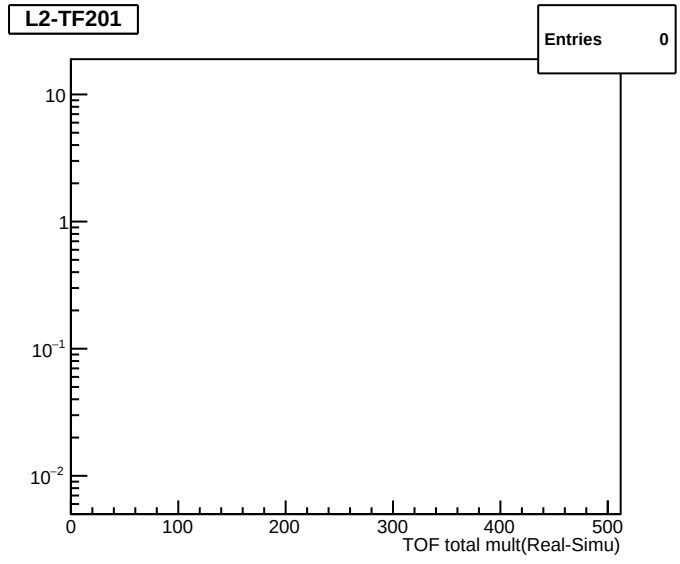

MIX-TF101
Entries 3.271828e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

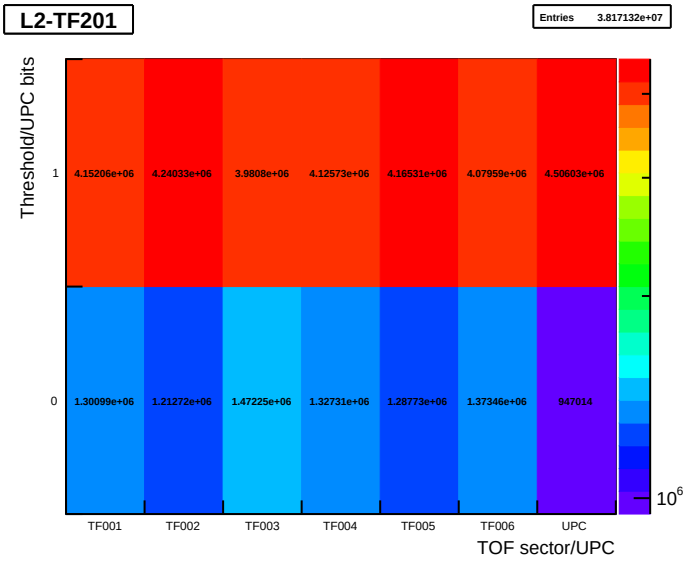

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

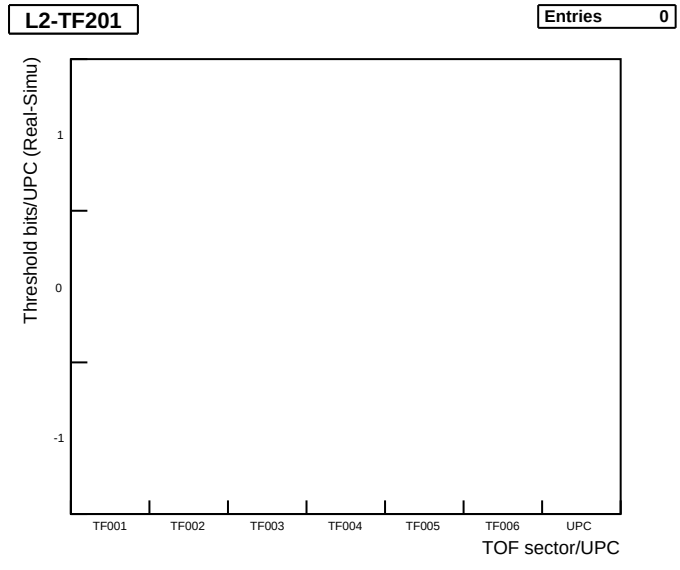

MIX-TF101
Entries 3.271828e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

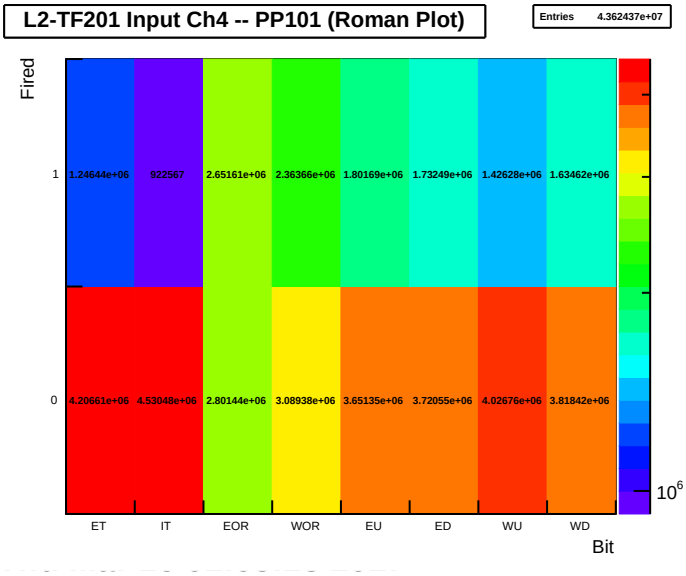

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

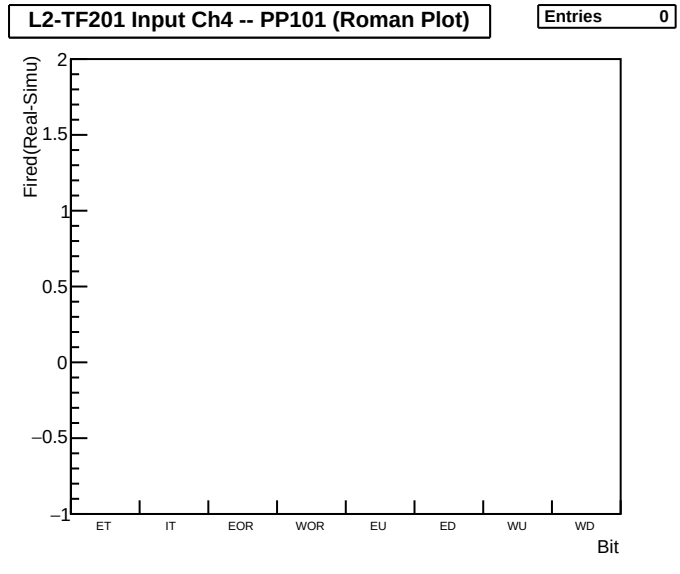

L2-TF201
Entries5453046
TOF total mult

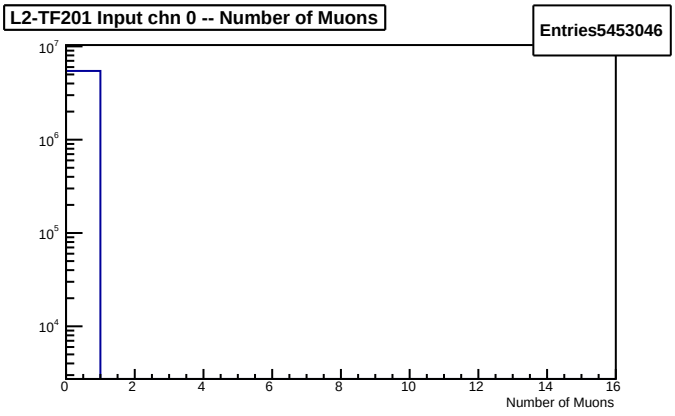

L2-TF201
Entries 0
TOF total mult(Real-Simu)

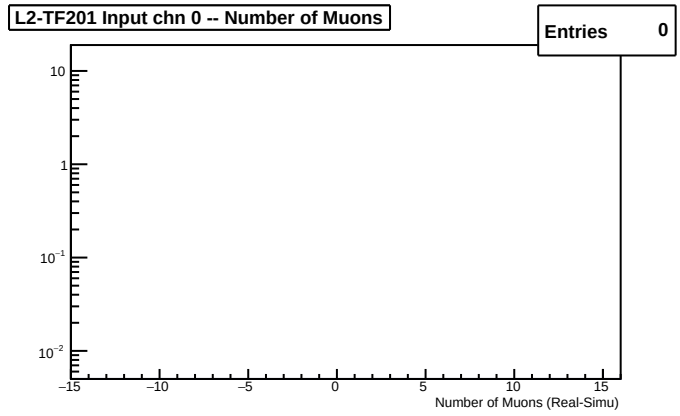

L2-TF201
Entries 3.817132e+07
Threshold/UPC bits
4.15206e+06
4.24033e+06
3.9808e+06
4.12573e+06
4.16531e+06
4.07959e+06
4.50603e+06
1.30099e+06
1.21272e+06
1.47225e+06
1.32731e+06
1.28773e+06
1.37346e+06
947014
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

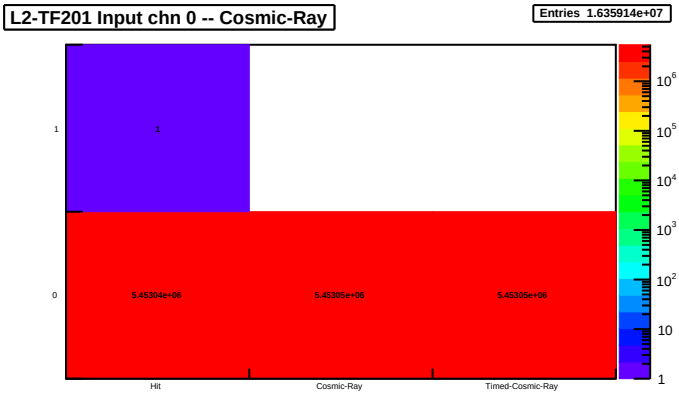

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

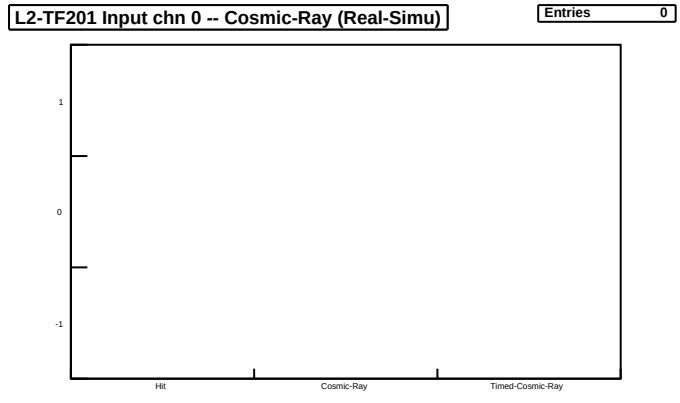

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.362437e+07
Fired
1.24644e+06
922567
2.65161e+06
2.36366e+06
1.80169e+06
1.73249e+06
1.42628e+06
1.63462e+06
4.20661e+06
4.53048e+06
2.80144e+06
3.08938e+06
3.65135e+06
3.72055e+06
4.02676e+06
3.81842e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

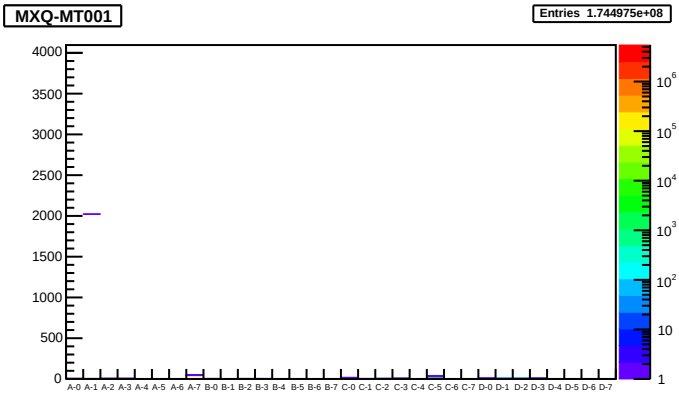

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

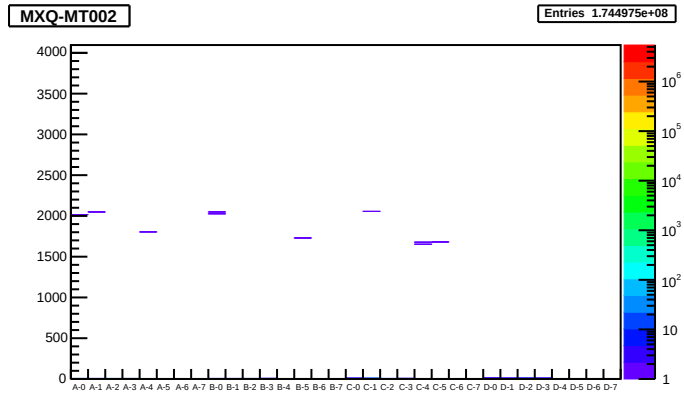

L2-TF201 Input chn 0 -- Number of Muons
Entries5453046
Number of Muons

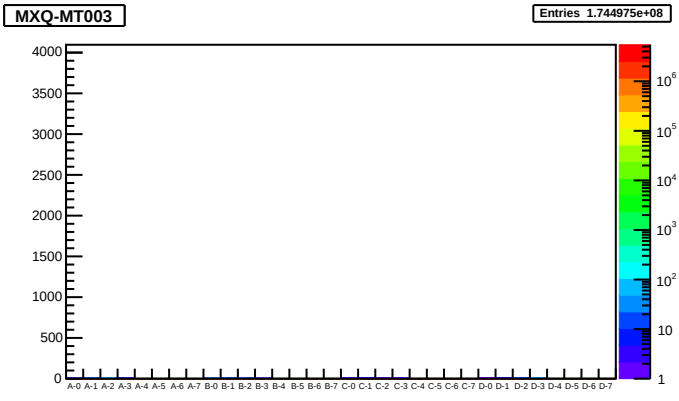

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

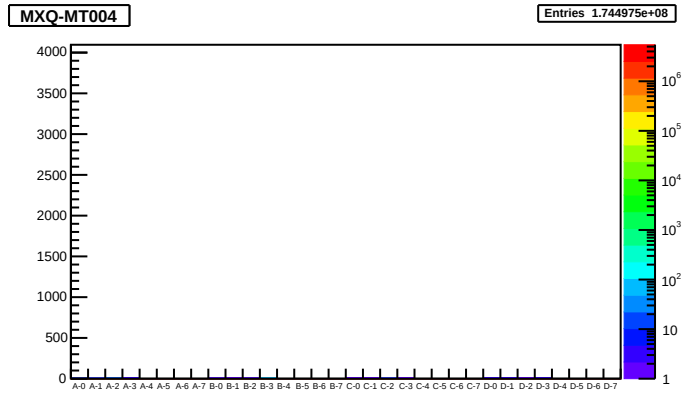

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.635914e+07
5.45304e+06
5.45305e+06
5.45305e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

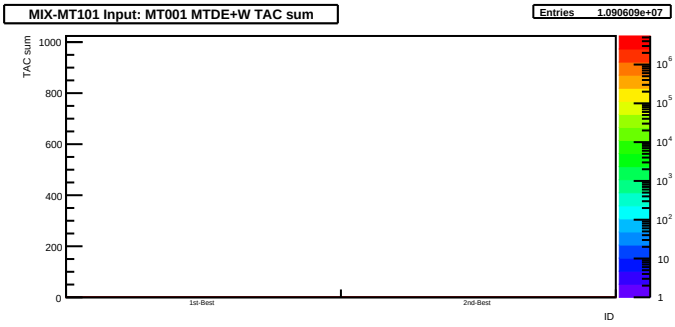

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

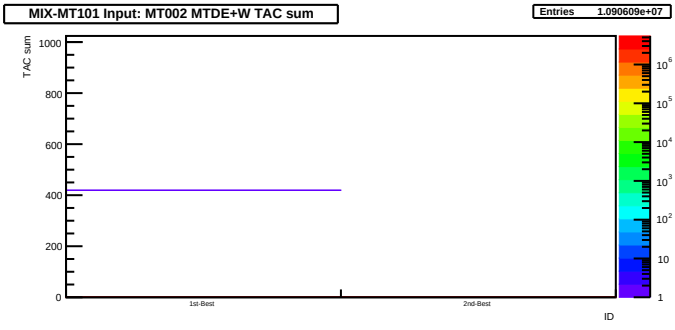

MXQ-MT001
Entries 1.744975e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

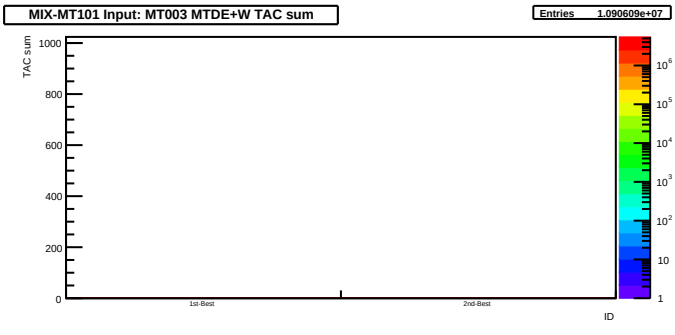

MXQ-MT002
Entries 1.744975e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

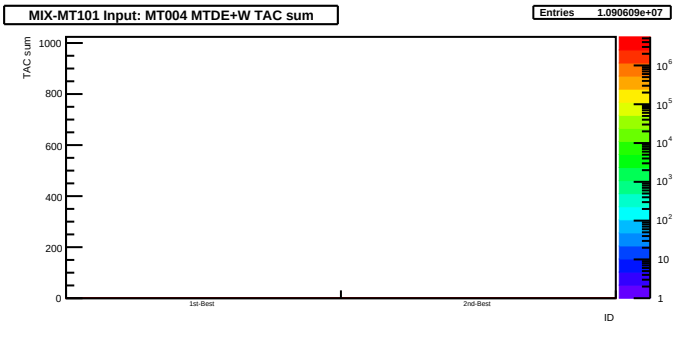

MXQ-MT003
Entries 1.744975e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

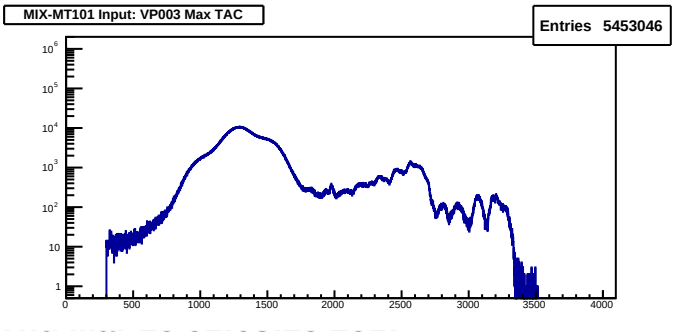

MXQ-MT004
Entries 1.744975e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

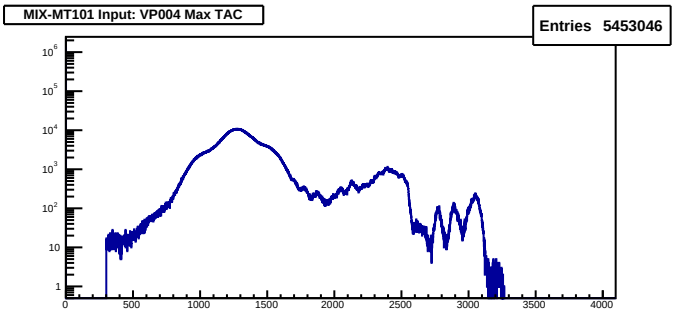

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.090609e+07
TAC sum
1st-Best
2nd-Best
ID

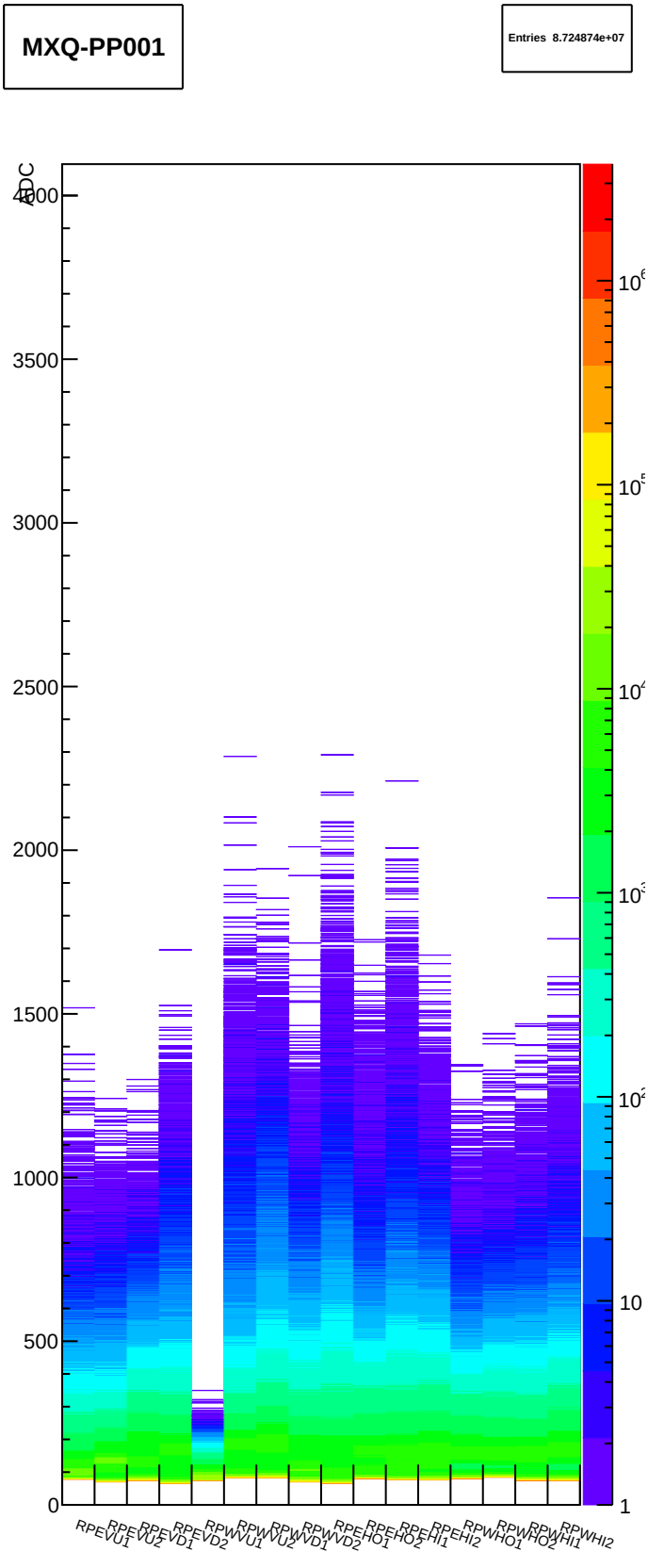

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.090609e+07
TAC sum
1st-Best
2nd-Best
ID

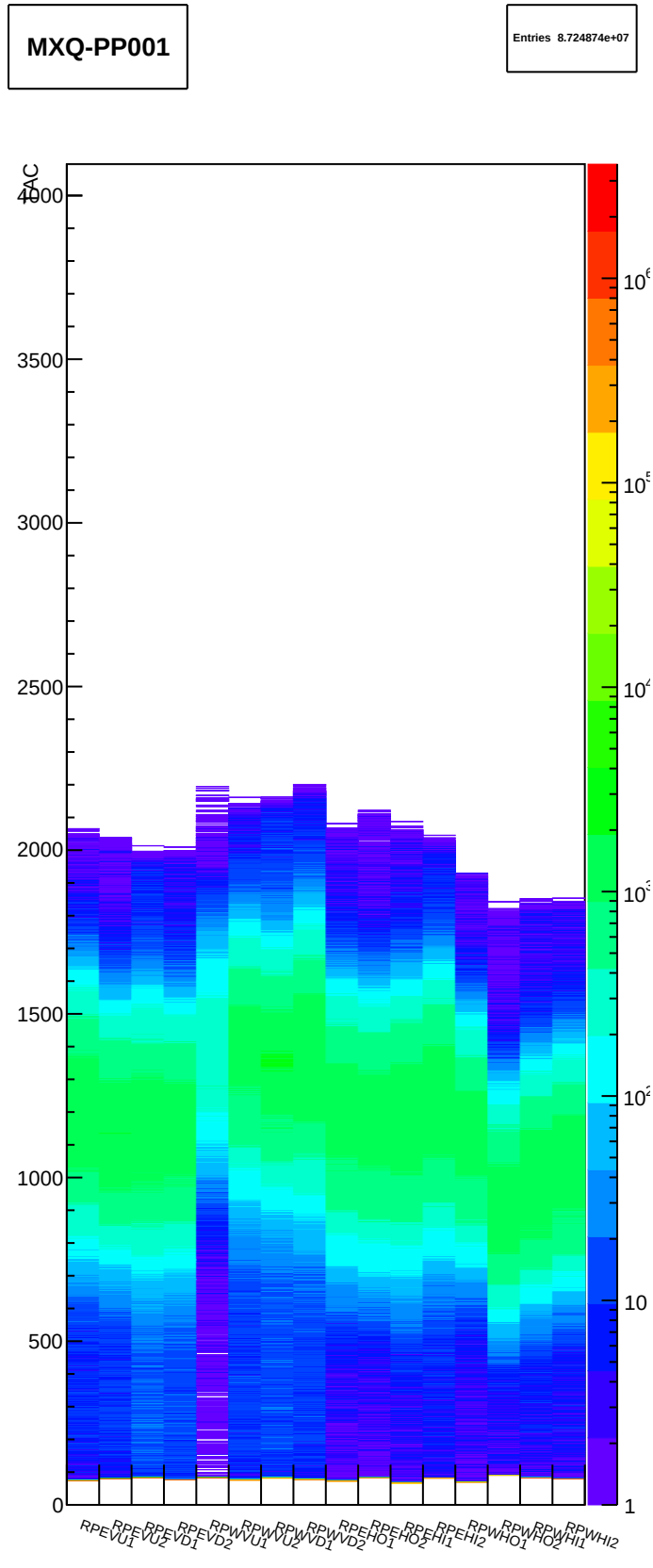

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.090609e+07
TAC sum
1st-Best
2nd-Best
ID

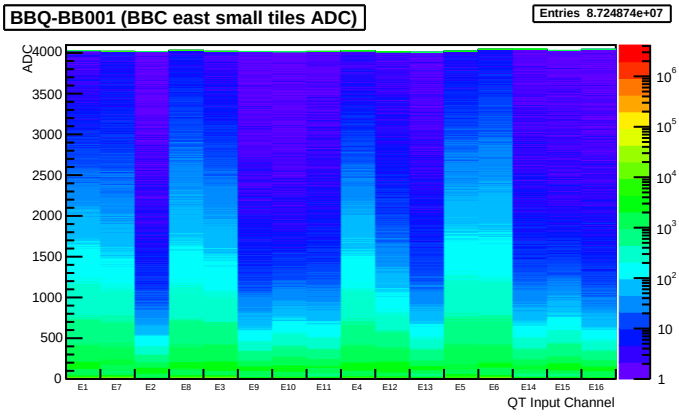

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.090609e+07
TAC sum
1st-Best
2nd-Best
ID

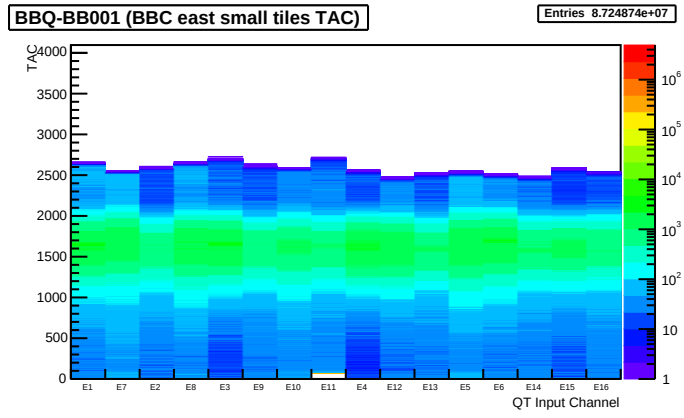

MIX-MT101 Input: VP003 Max TAC
Entries 5453046

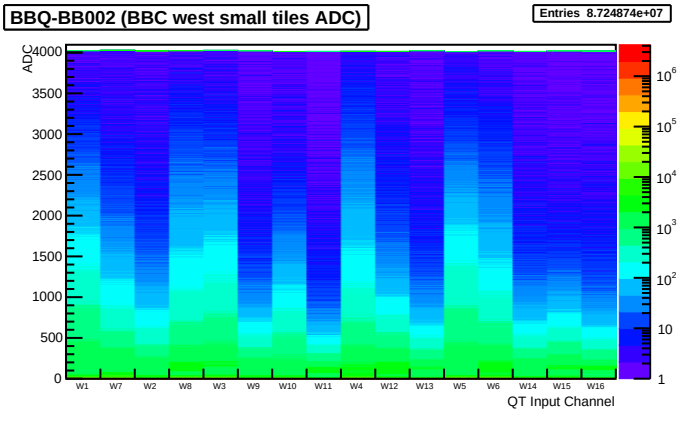

MIX-MT101 Input: VP004 Max TAC
Entries 5453046

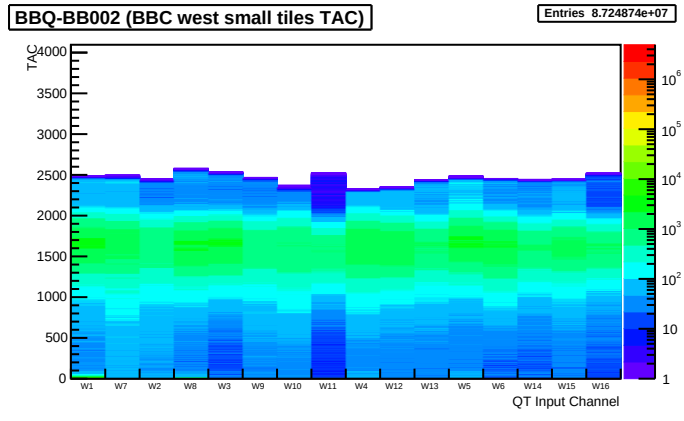

MXQ-PP001
Entries 8.724874e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

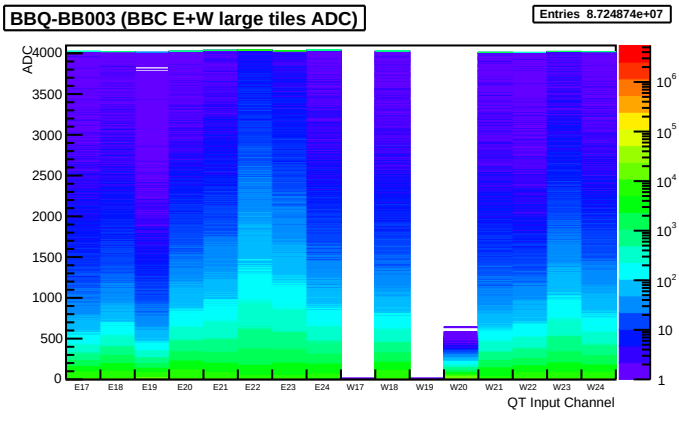

MXQ-PP001
Entries 8.724874e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

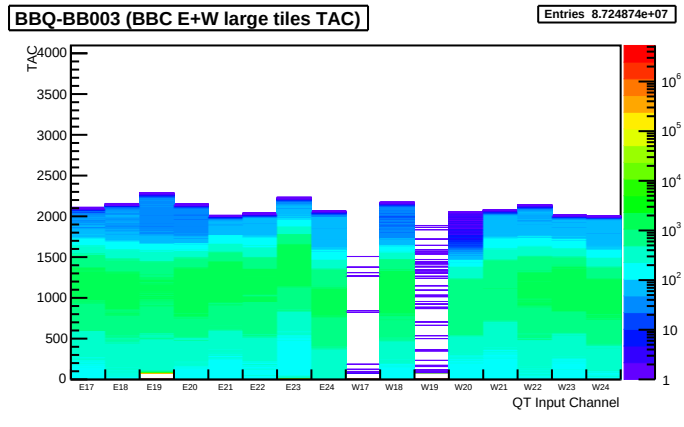

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.724874e+07
ADC
QT Input Channel

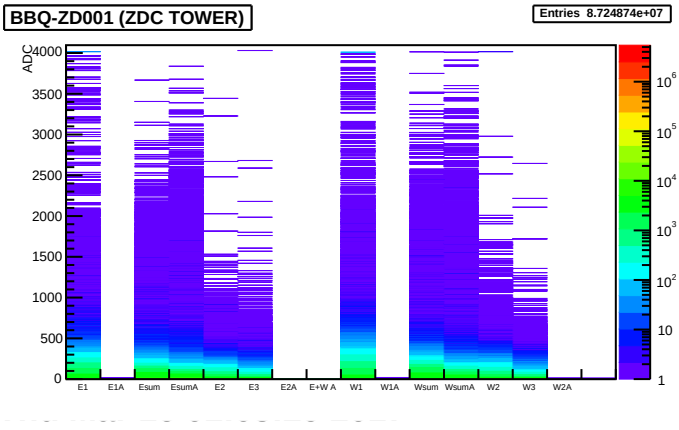

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.724874e+07
TAC
QT Input Channel

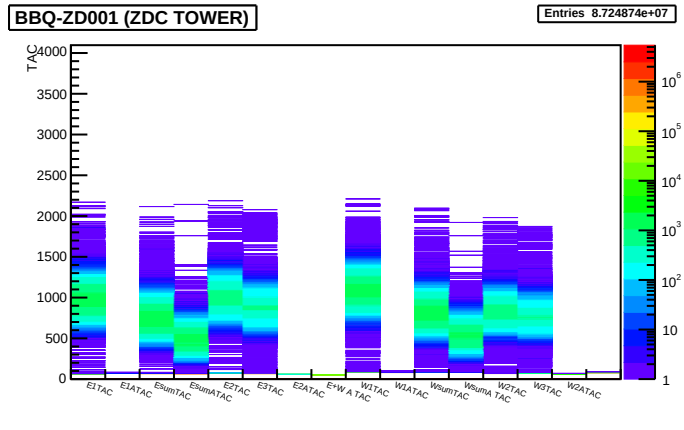

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.724874e+07
ADC
QT Input Channel

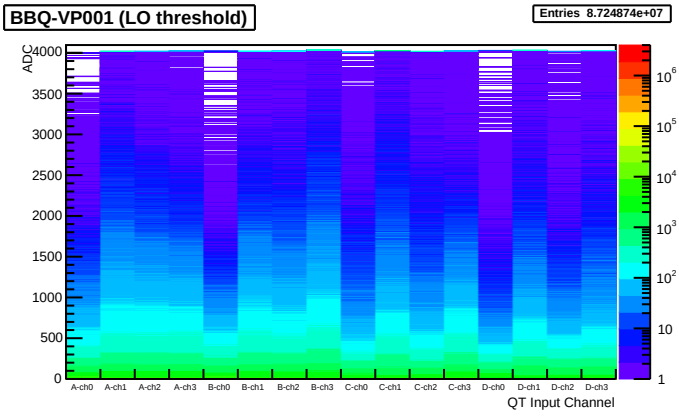

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.724874e+07
TAC
QT Input Channel

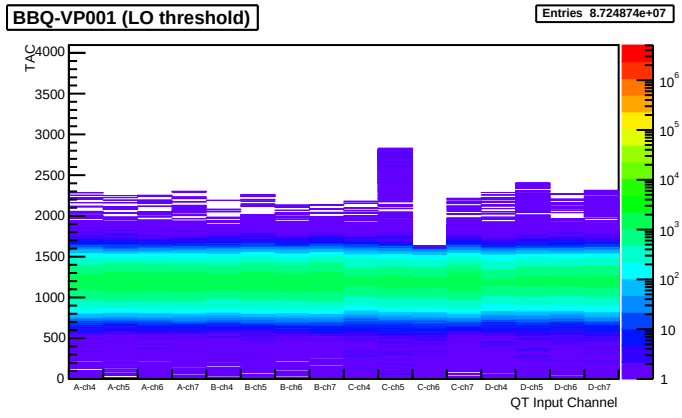

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.724874e+07
ADC
QT Input Channel

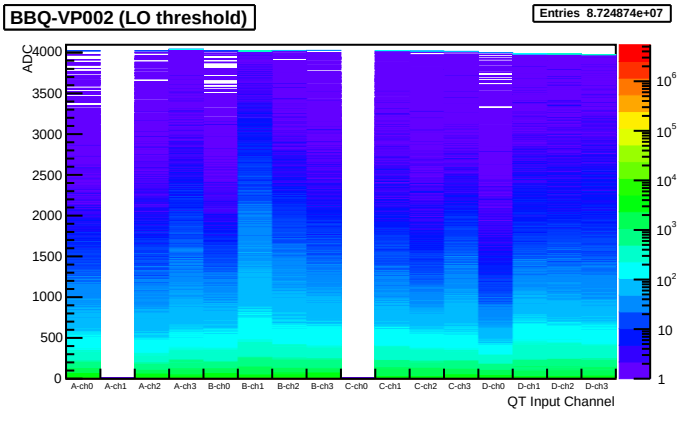

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.724874e+07
TAC
QT Input Channel

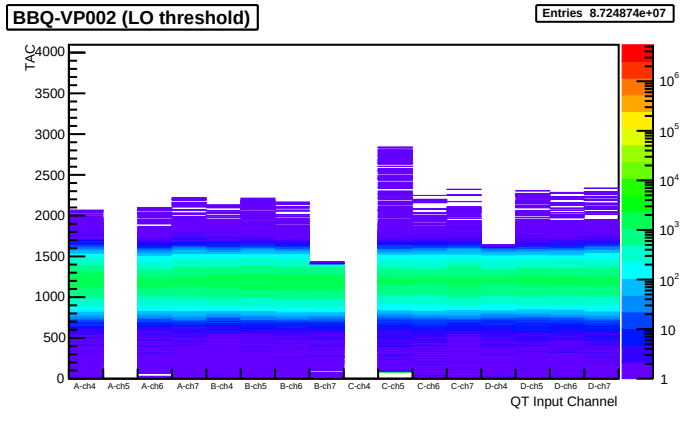

BBQ-ZD001 (ZDC TOWER)
Entries 8.724874e+07
ADC

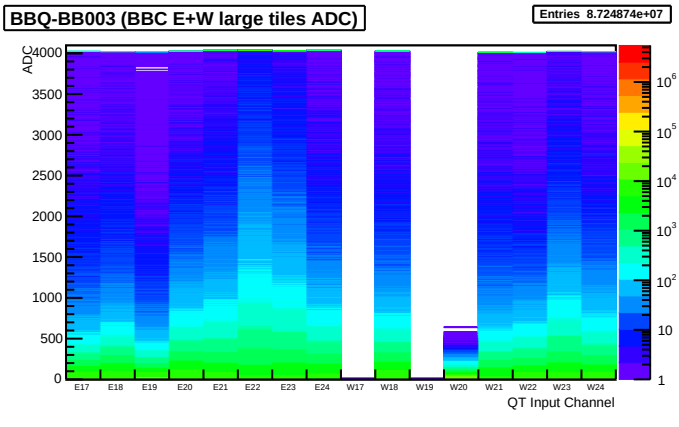

BBQ-ZD001 (ZDC TOWER)
Entries 8.724874e+07
TAC

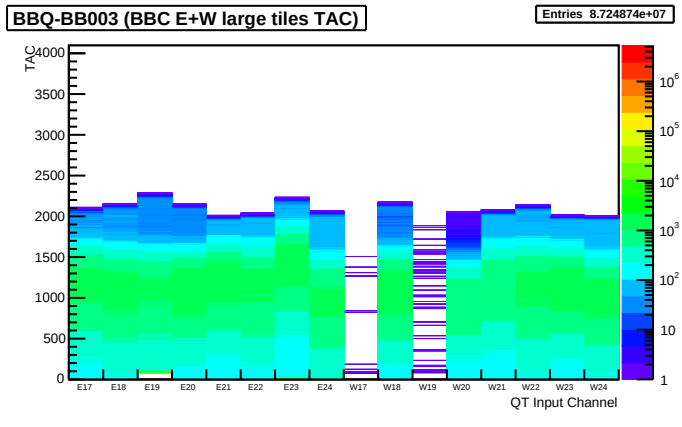

BBQ-VP001 (LO threshold)
Entries 8.724874e+07
ADC
QT Input Channel

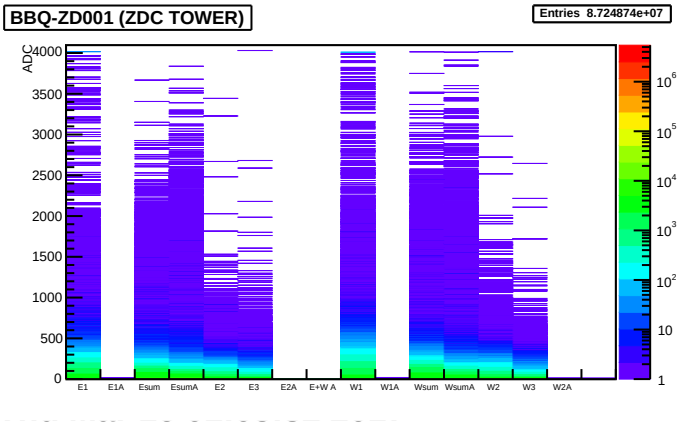

BBQ-VP001 (LO threshold)
Entries 8.724874e+07
TAC
QT Input Channel

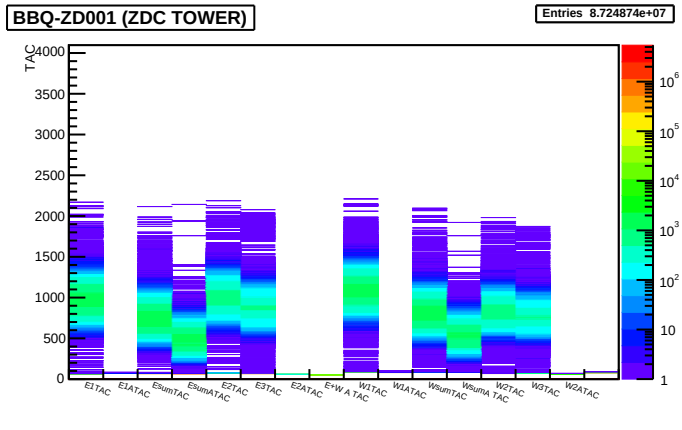

BBQ-VP002 (LO threshold)
Entries 8.724874e+07
ADC
QT Input Channel

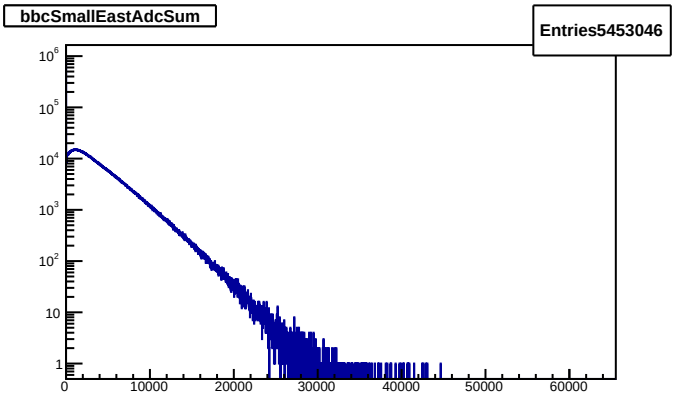

BBQ-VP002 (LO threshold)
Entries 8.724874e+07
TAC
QT Input Channel

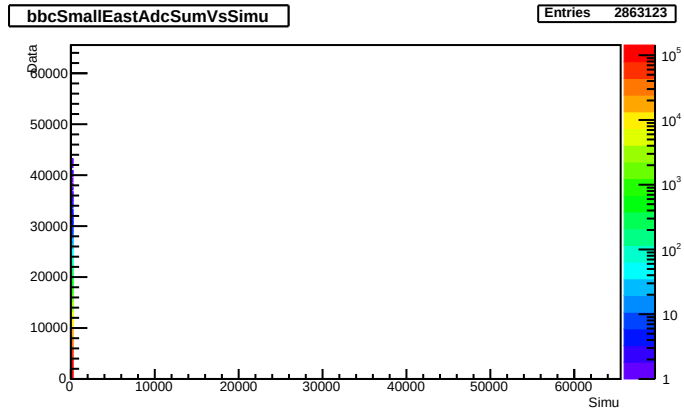

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.724874e+07
ADC
QT Input Channel

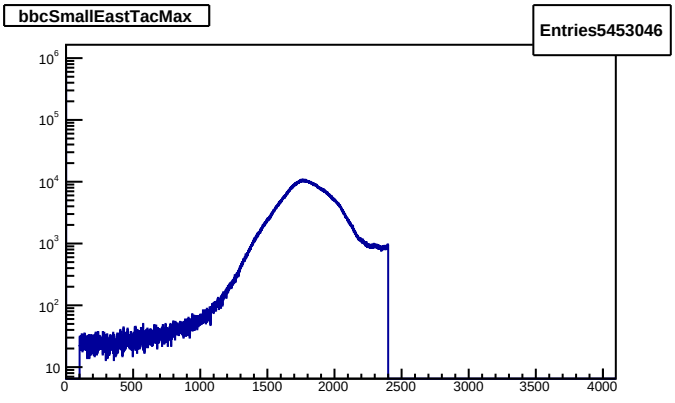

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.724874e+07
TAC
QT Input Channel

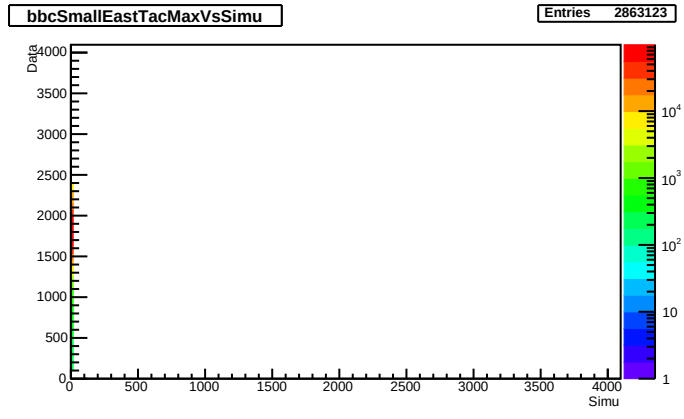

BBQ-ZD001 (ZDC TOWER)
Entries 8.724874e+07
ADC

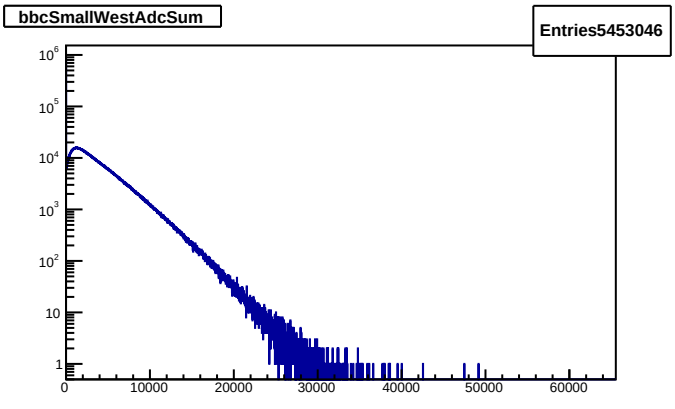

BBQ-ZD001 (ZDC TOWER)
Entries 8.724874e+07
TAC

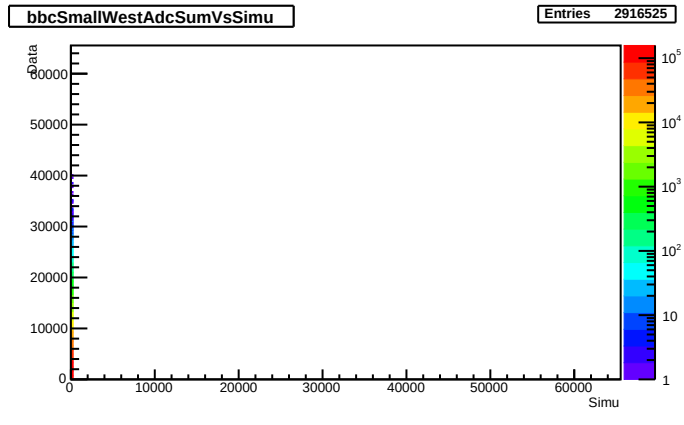

bbcSmallEastAdcSum
Entries5453046

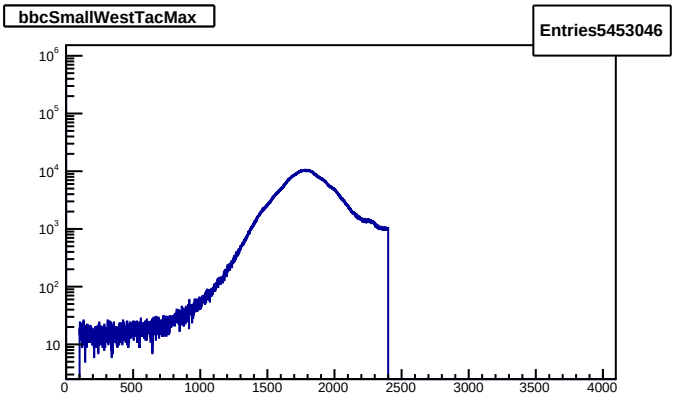

bbcSmallEastAdcSumVsSimu
Entries 2863123
Data
Simu

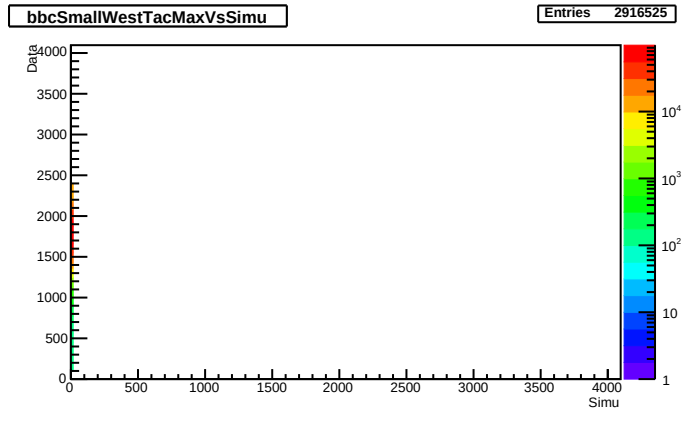

bbcSmallEastTacMax
Entries5453046

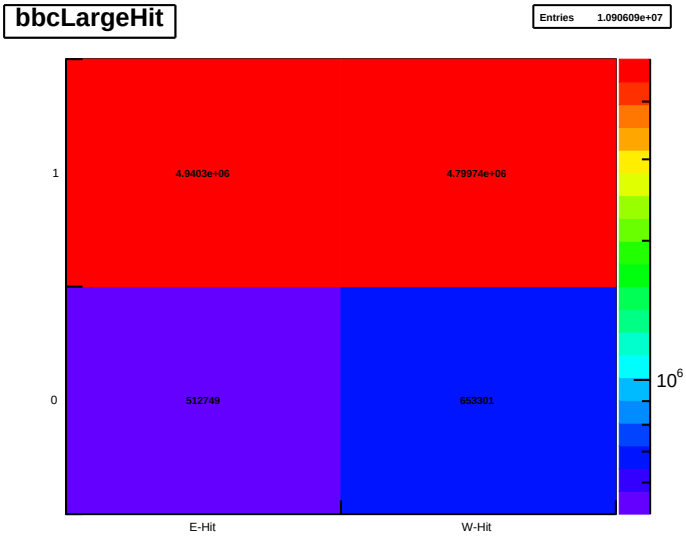

bbcSmallEastTacMaxVsSimu
Entries 2863123
Data
Simu

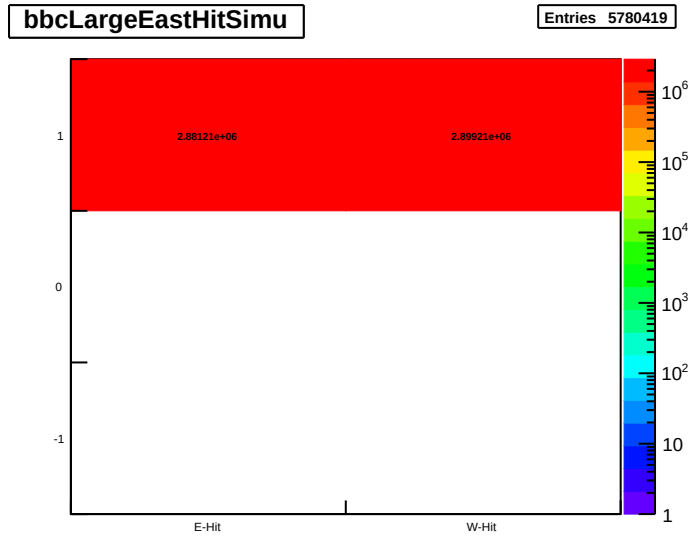

bbcSmallWestAdcSum
Entries5453046

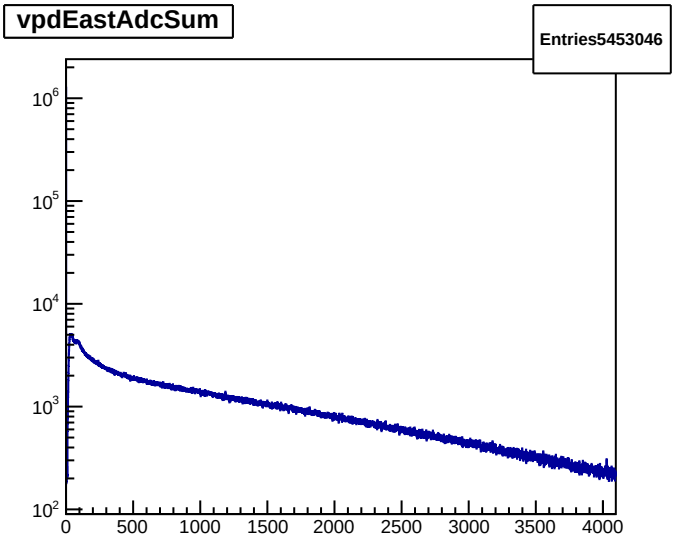

bbcSmallWestAdcSumVsSimu
Entries 2916525
Data
Simu

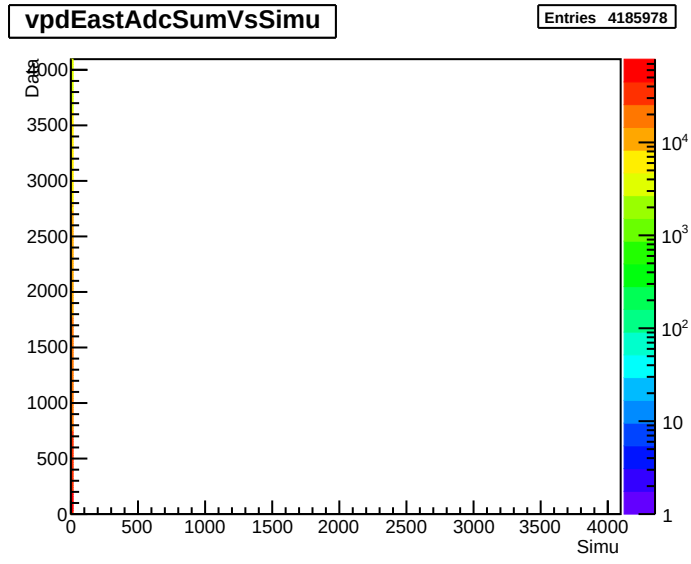

bbcSmallWestTacMax
Entries5453046

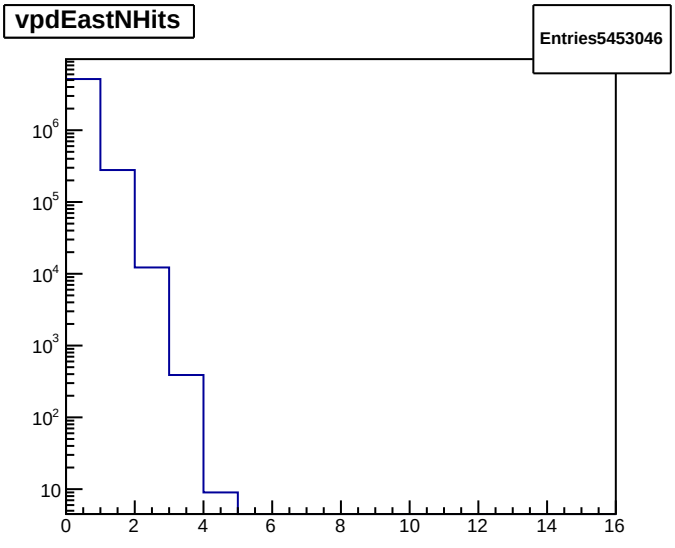

bbcSmallWestTacMaxVsSimu
Entries 2916525
Data
Simu

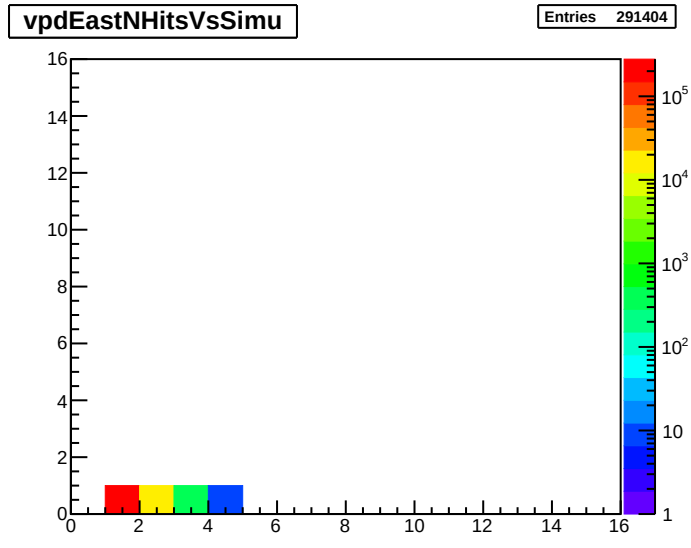

bbcLargeHit
Entries 1.090609e+07
1
0
4.9403e+06
4.79974e+06
512749
653301
E-Hit
W-Hit
10^6

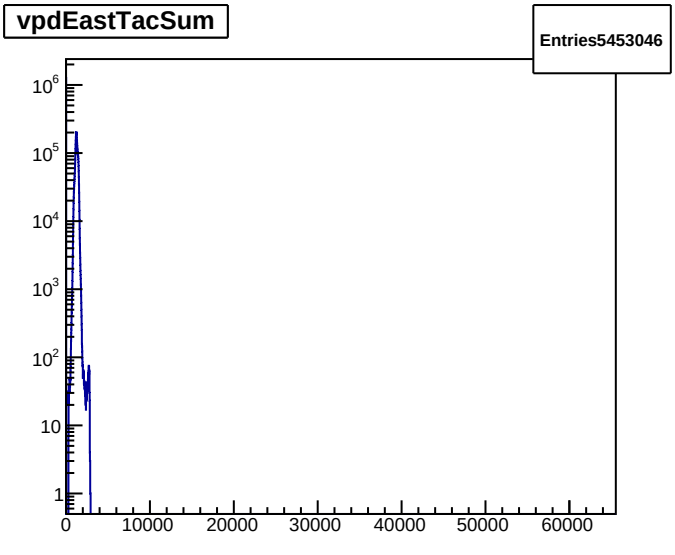

bbcLargeEastHitSimu
Entries 5780419
1
0
-1
2.88121e+06
2.89921e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

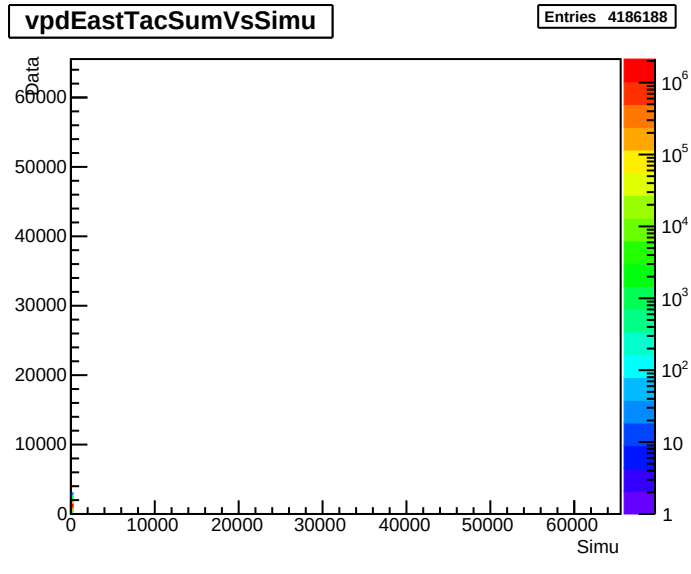

vpdEastAdcSum
Entries5453046

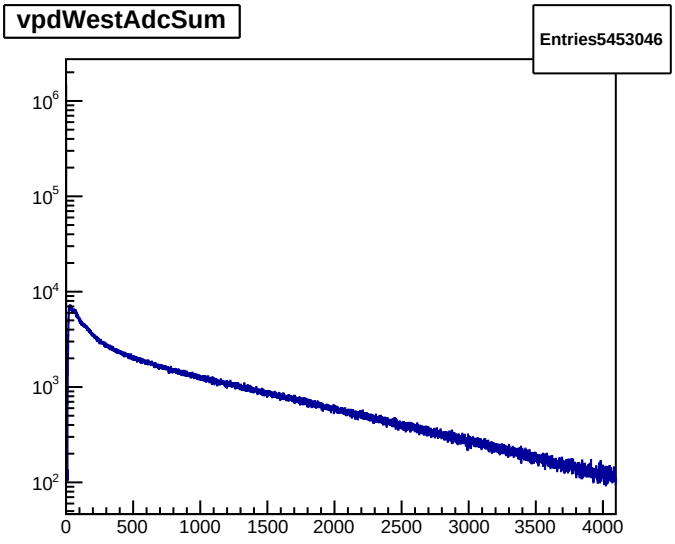

vpdEastAdcSumVsSimu
Entries 4185978
Data
Simu

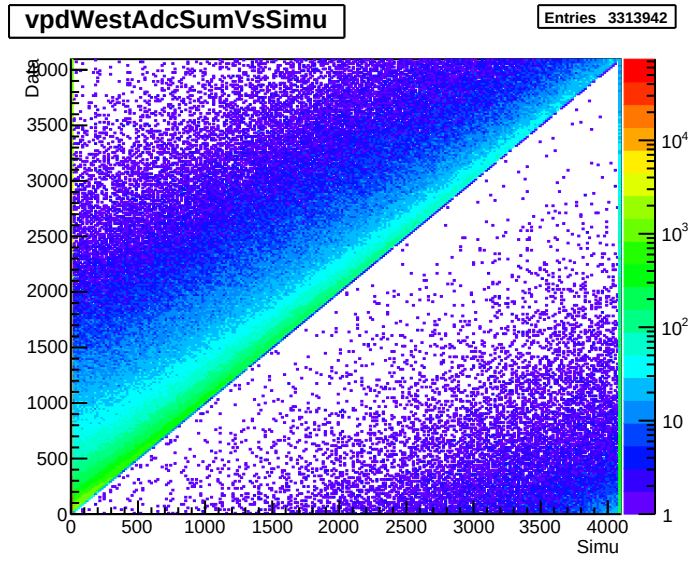

vpdEastNHits
Entries5453046

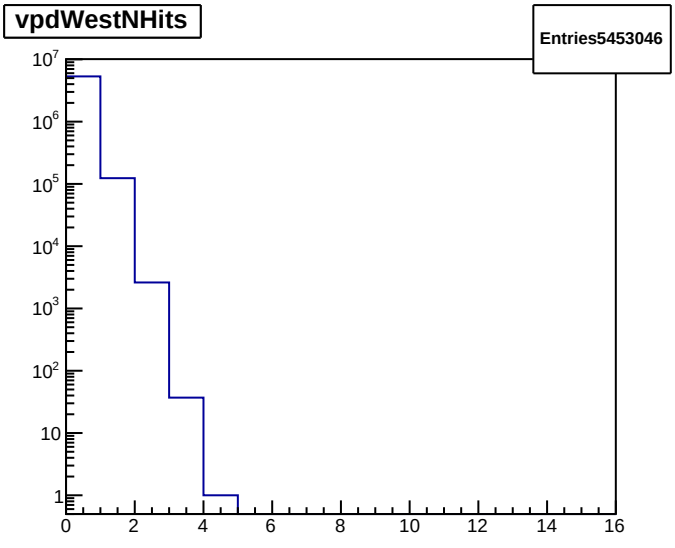

vpdEastNHitsVsSimu
Entries 291404

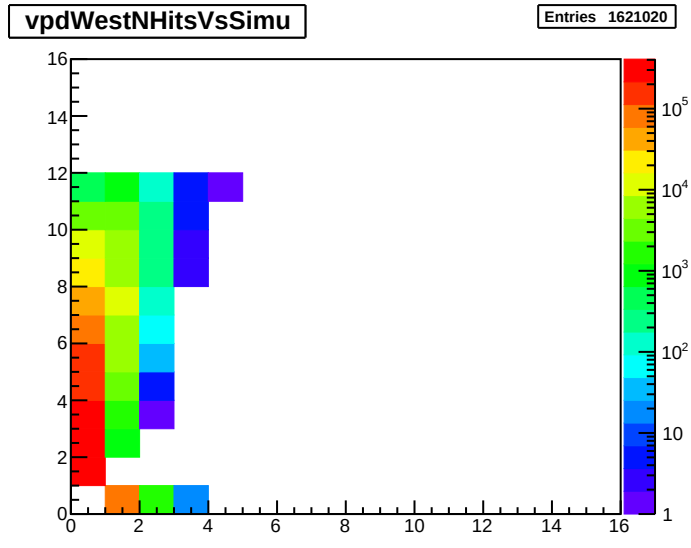

vpdEastTacSum
Entries5453046

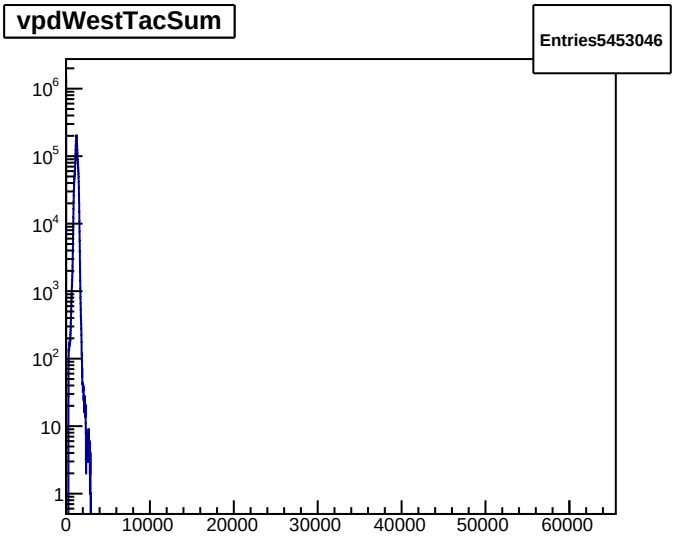

vpdEastTacSumVsSimu
Entries 4186188
Data
Simu

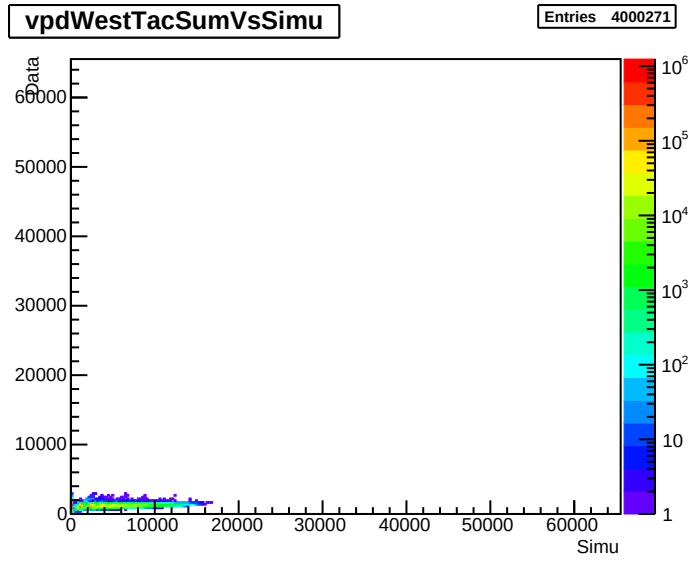

vpdWestAdcSum
Entries5453046

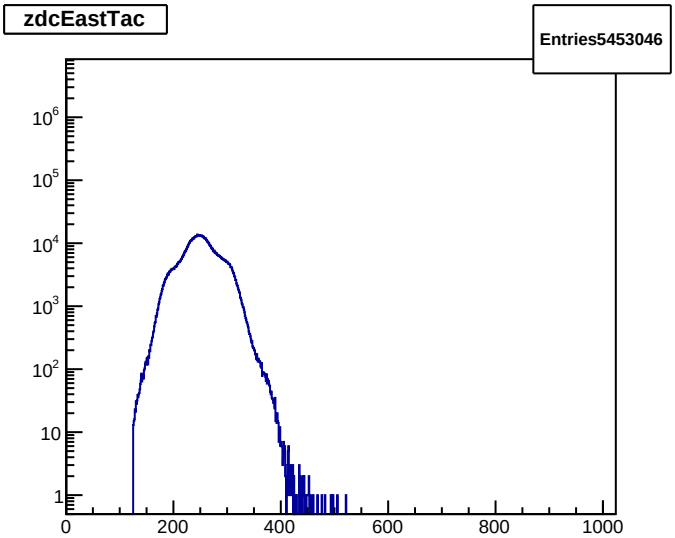

vpdWestAdcSumVsSimu
Entries 3313942
Data
Simu

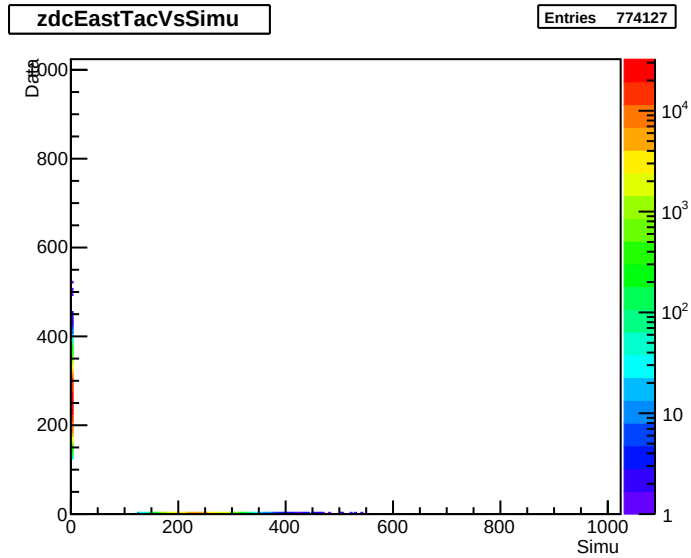

vpdWestNHits
Entries5453046

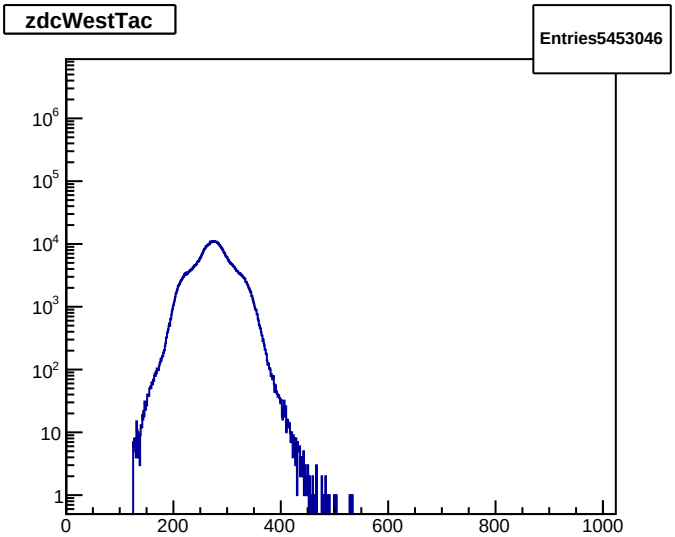

vpdWestNHitsVsSimu
Entries 1621020

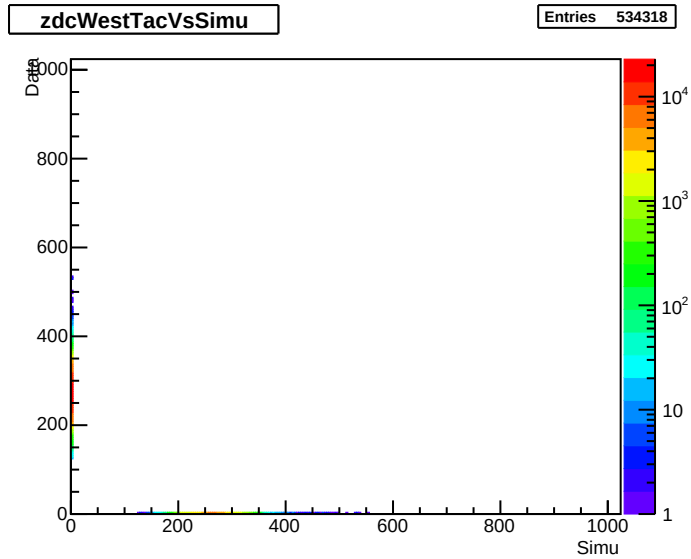

vpdWestTacSum
Entries5453046

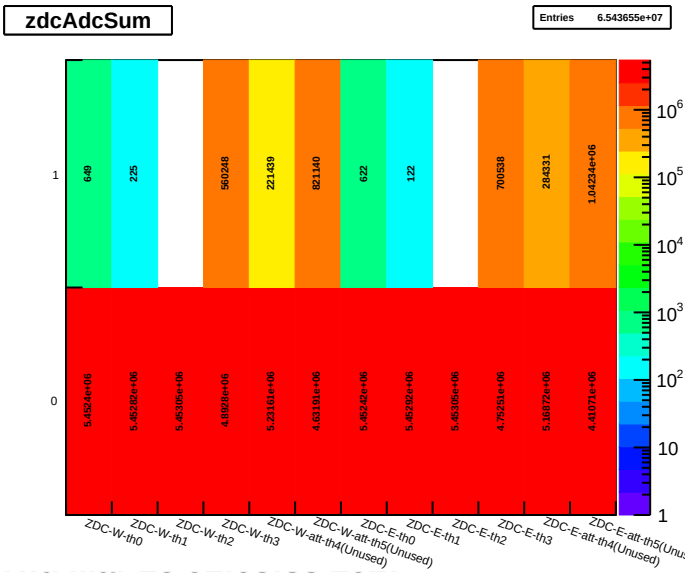

vpdWestTacSumVsSimu
Entries 4000271
Data
Simu

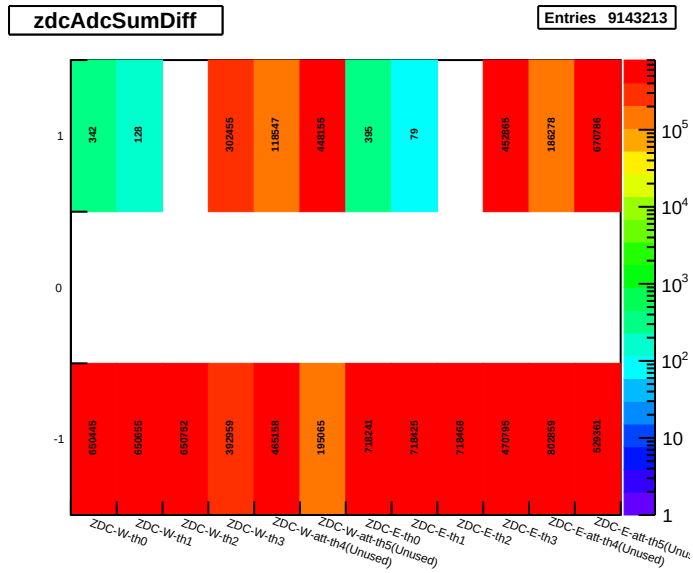

zdcEastTac
Entries5453046

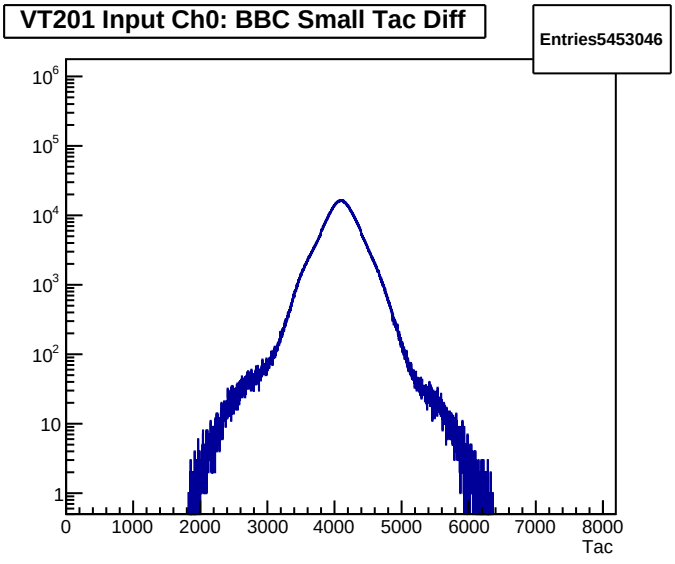

zdcEastTacVsSimu
Entries 774127
Data
Simu

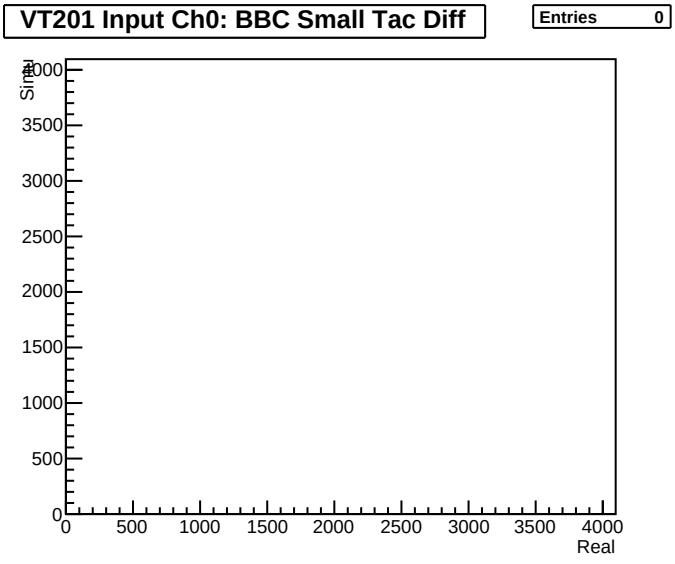

zdcWestTac
Entries5453046

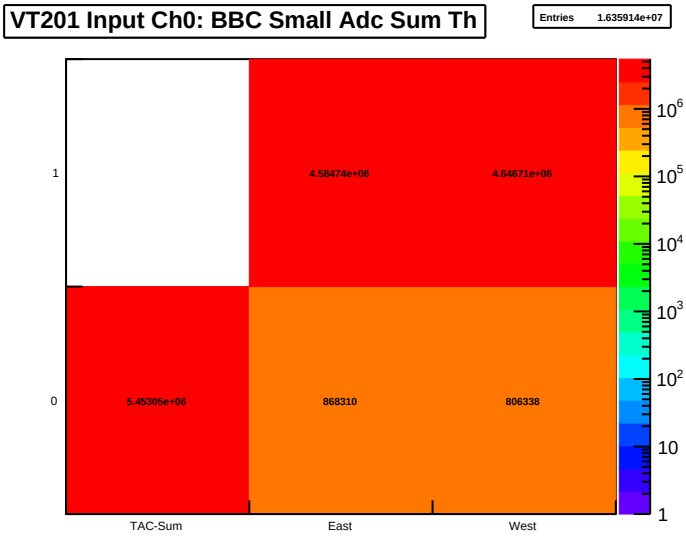

zdcWestTacVsSimu
Entries 534318
Data
Simu

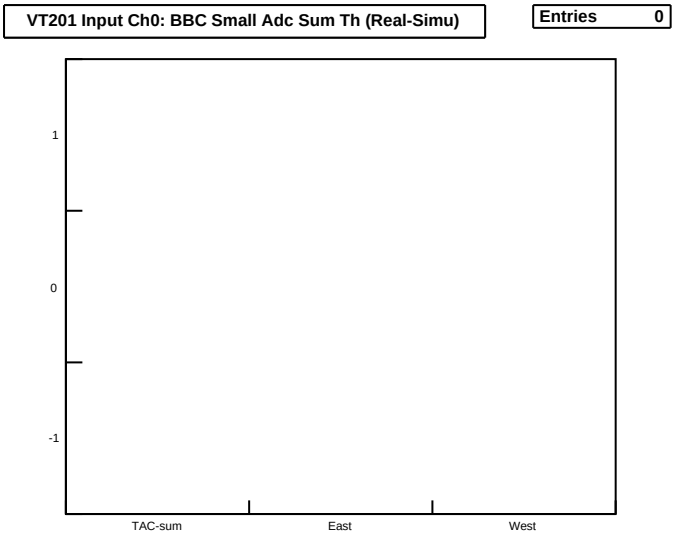

zdcAdcSum
Entries 6.543655e+07
649
225
560248
221439
821140
622
122
700538
284331
1.04234e+06
5.45282e+05
5.46305e+06
4.9929e+06
5.23161e+06
4.63191e+06
5.45242e+06
5.46292e+06
5.45305e+05
4.78251e+06
5.10872e+06
4.41071e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

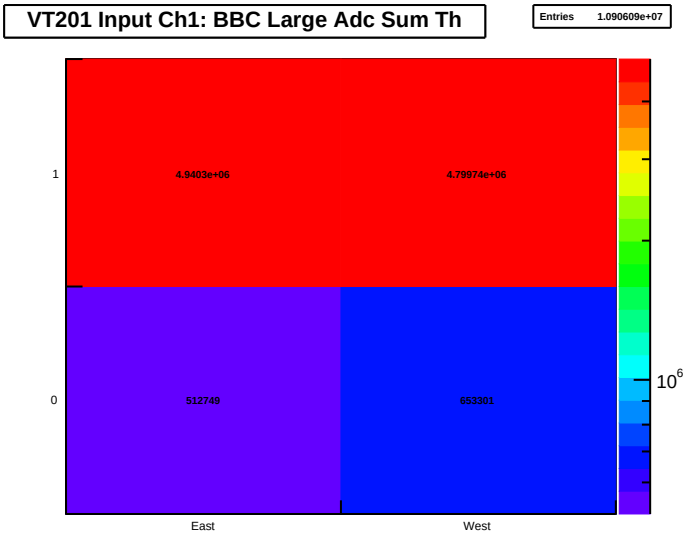

zdcAdcSumDiff
Entries 9143213
342
128
302455
118547
448156
395
79
452865
186278
670786
650445
650655
650752
392959
465158
195065
718241
718425
718468
470795
802859
529361
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

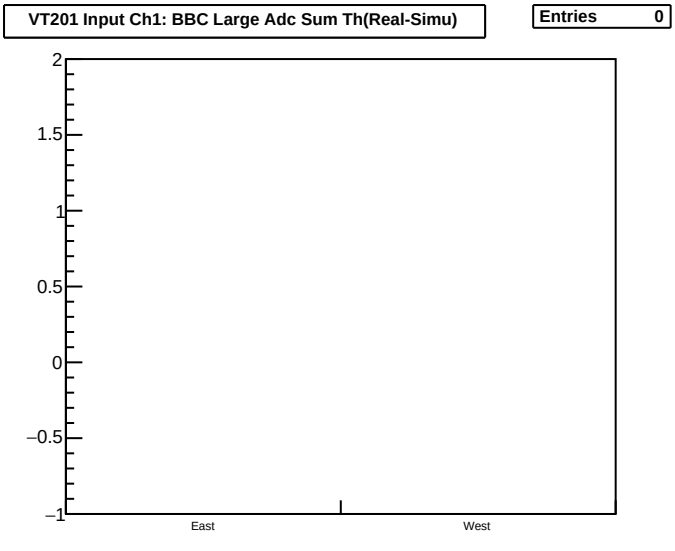

VT201 Input Ch0: BBC Small Tac Diff
Entries5453046
Tac


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

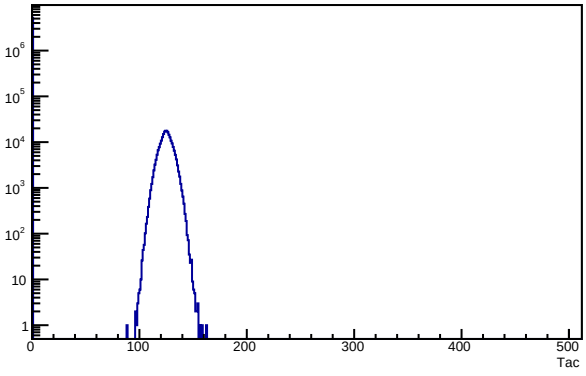

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.635914e+07
4.58474e+06
4.64671e+06
5.45305e+06
868310
806338
TAC-Sum
East
West


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

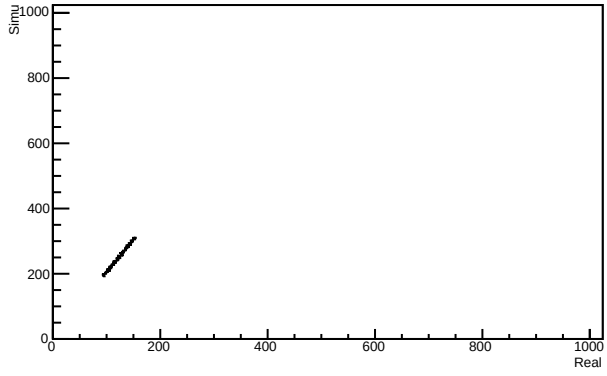

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.090609e+07
4.9403e+06
4.79974e+06
512749
653301
East
West


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

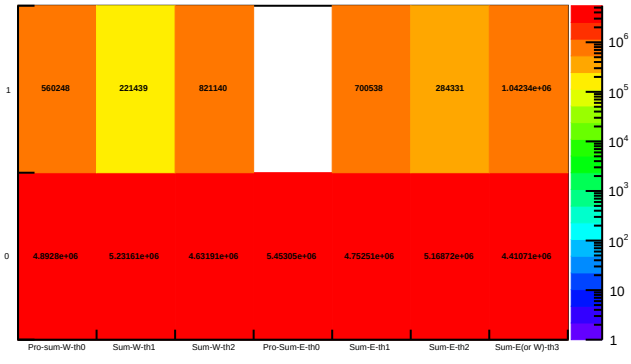
VT201 Input Ch2: ZDC Tac Diff



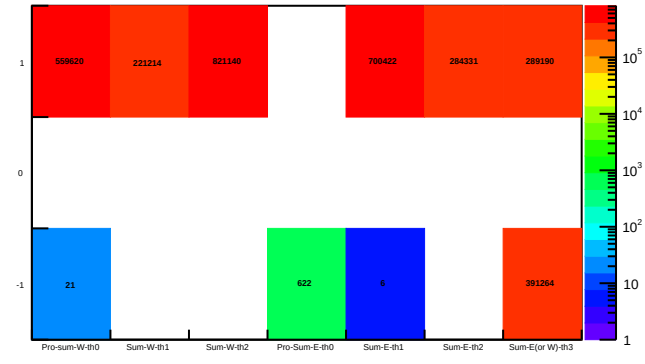
VT201 Input Ch2: ZDC Tac Diff



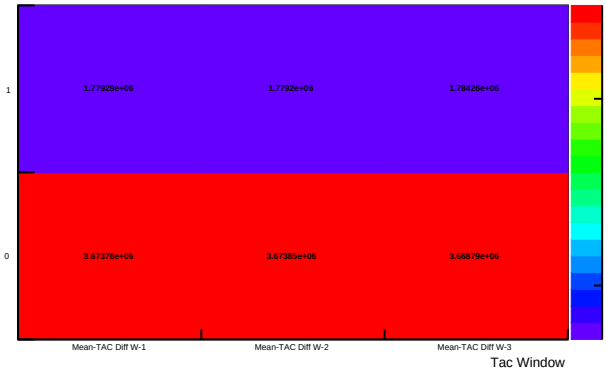
VT201 Input Ch2: ZDC Adc Sum Th



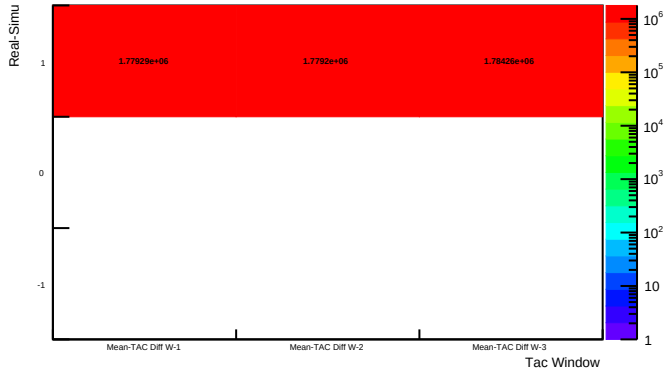
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



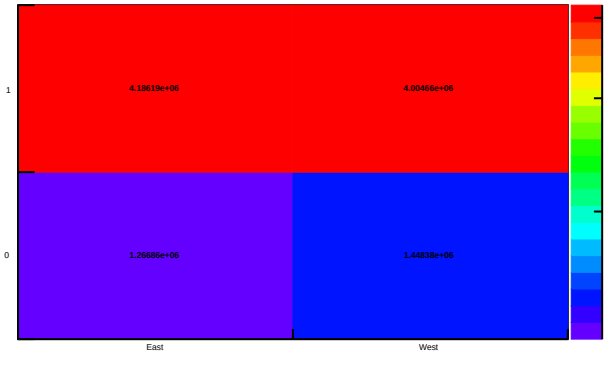
VT201 Input Ch4: VPD Tac Diff



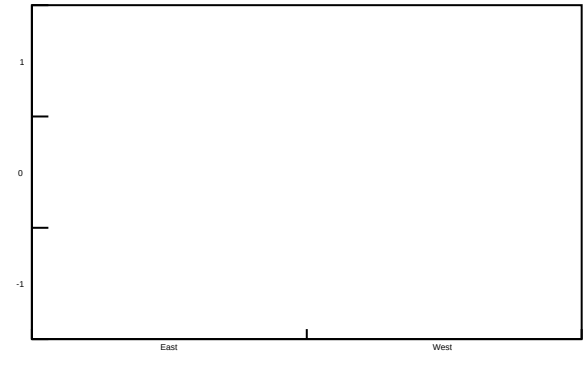
VT201 Input Ch4: VPD Tac Diff

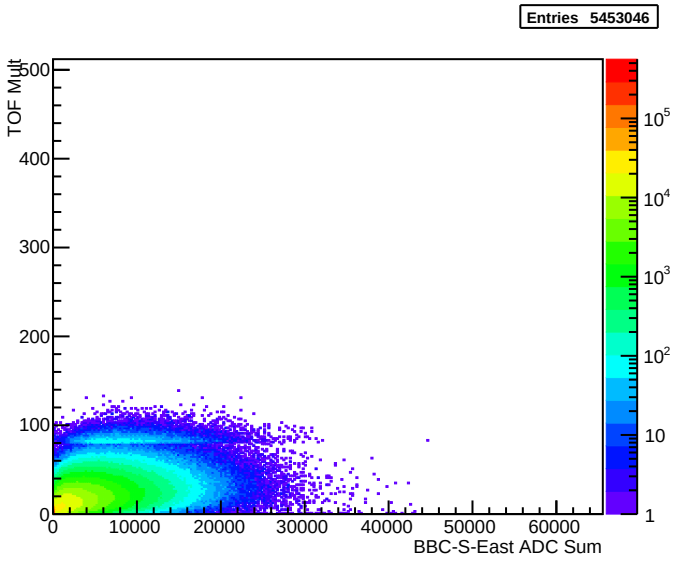


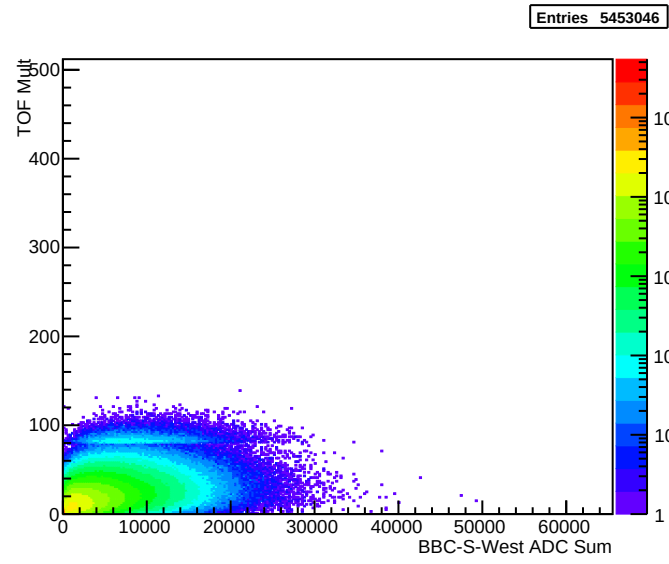
VT201 Input Ch4: VPD Adc Sum Th

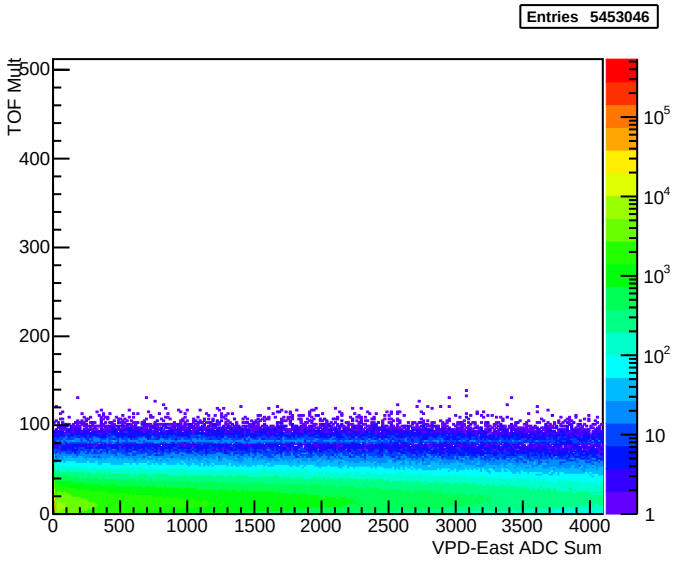


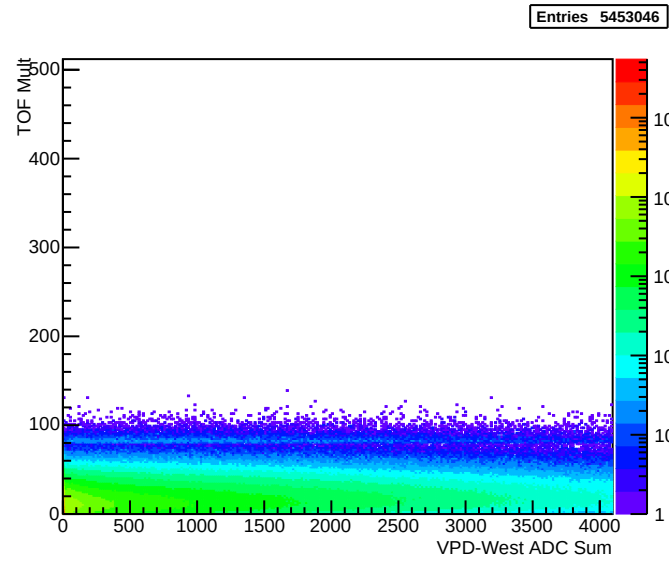
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

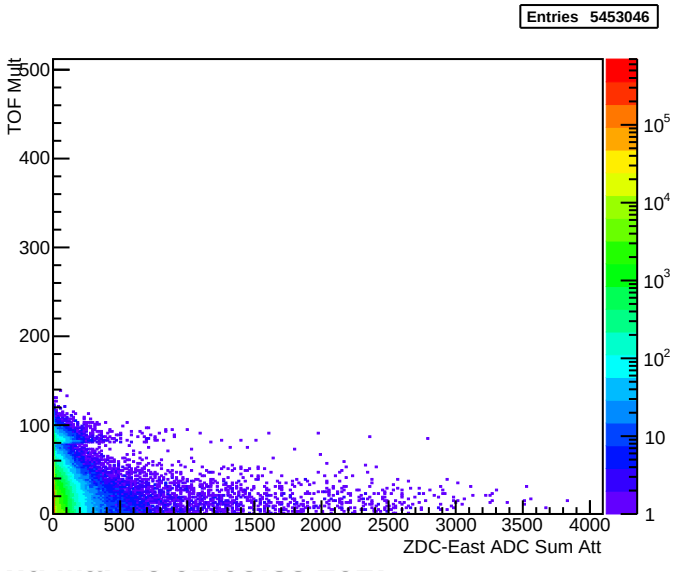


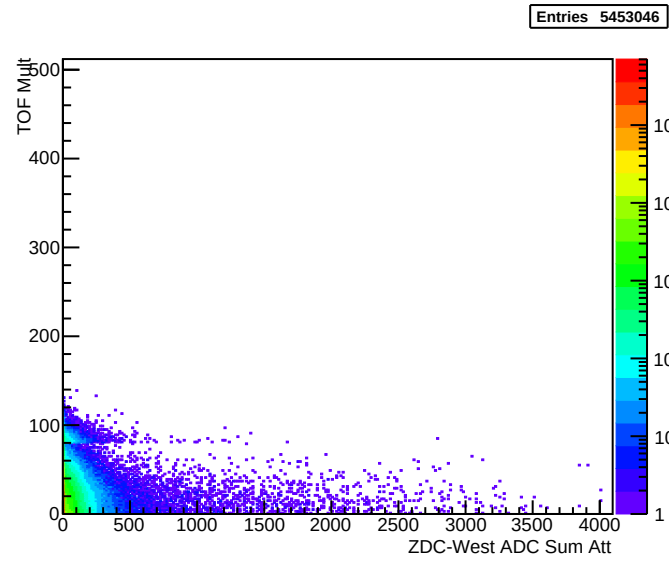

Entries 5453046
TOF Mult
BBC-S-East ADC Sum

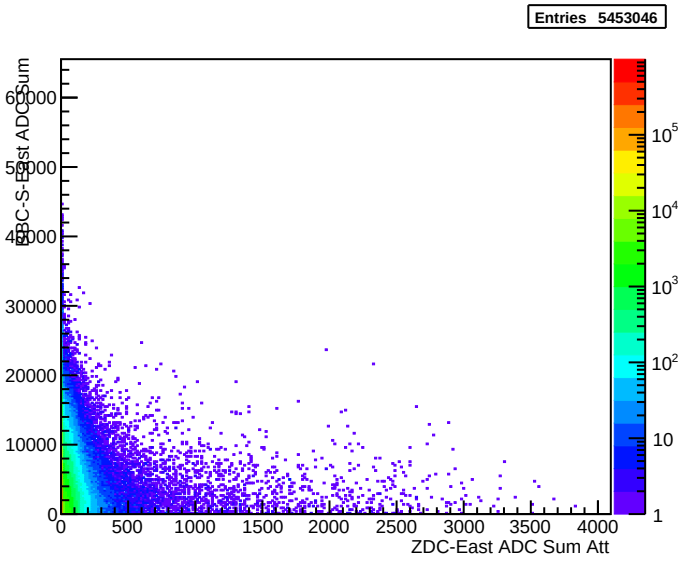

Entries 5453046
TOF Mult
BBC-S-West ADC Sum

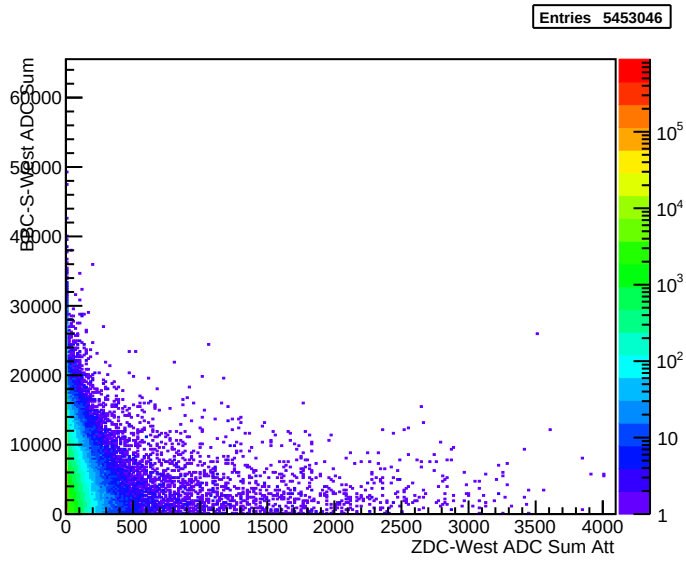

Entries 5453046
TOF Mult
VPD-East ADC Sum

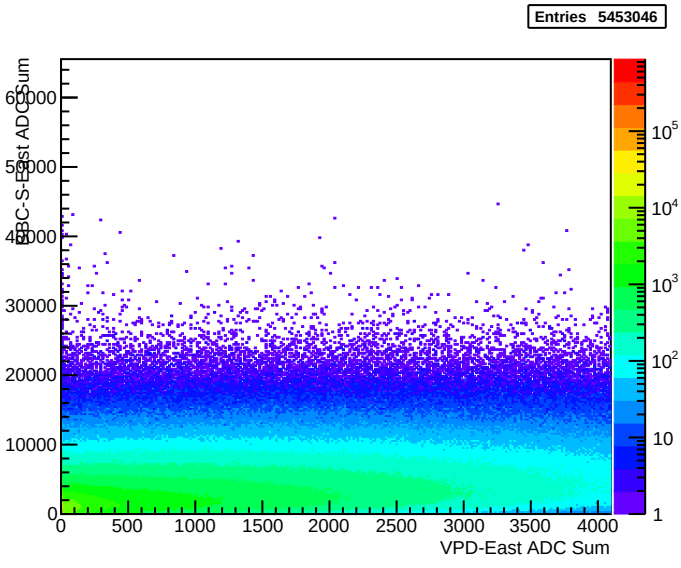

Entries 5453046
TOF Mult
VPD-West ADC Sum

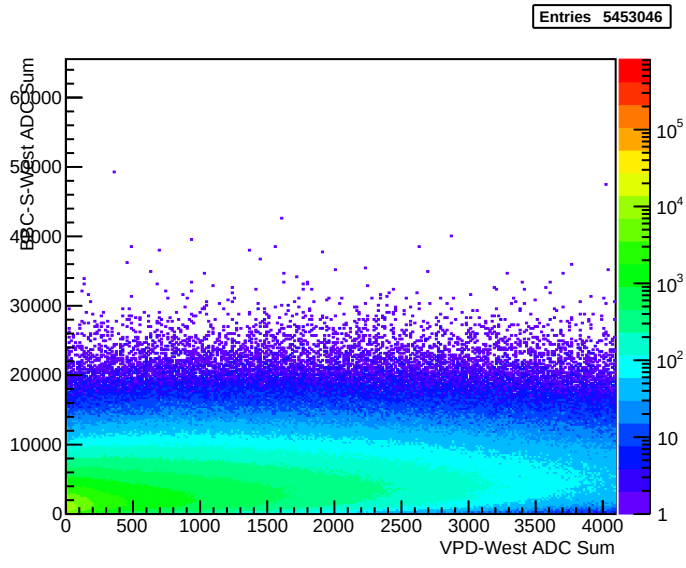

Entries 5453046
TOF Mult
ZDC-East ADC Sum Att

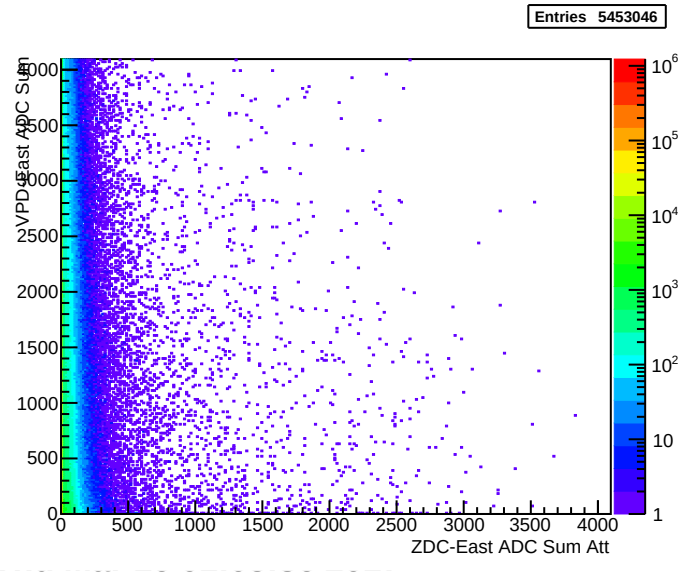

Entries 5453046
TOF Mult
ZDC-West ADC Sum Att

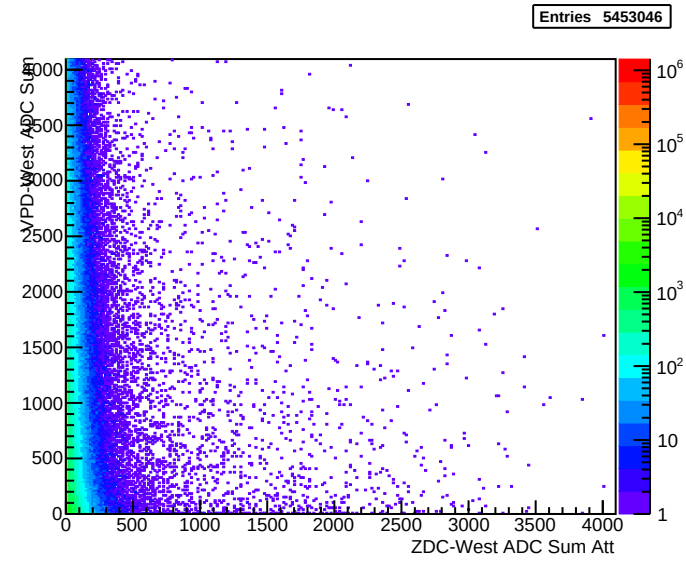

Entries 5453046
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

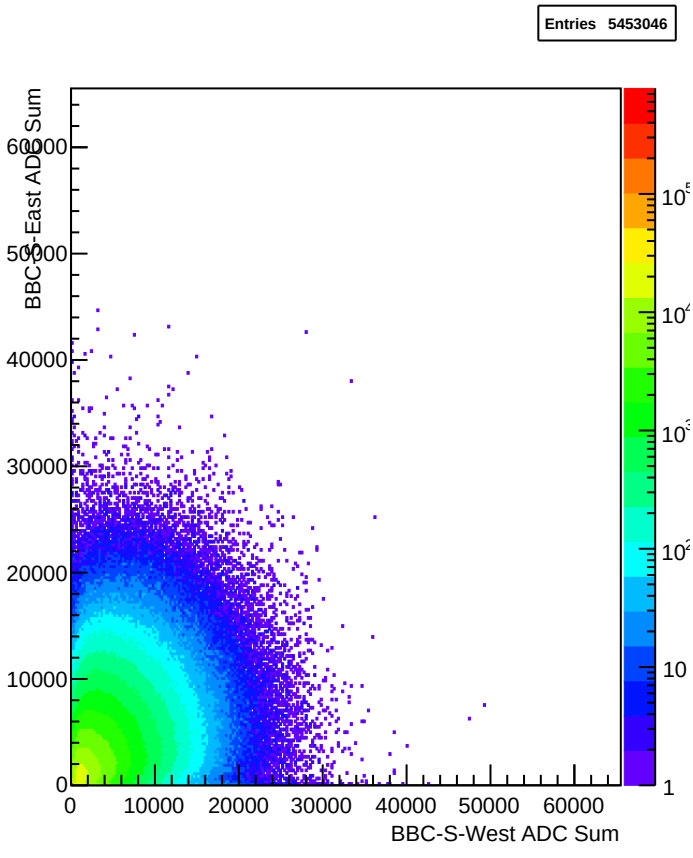

Entries 5453046
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

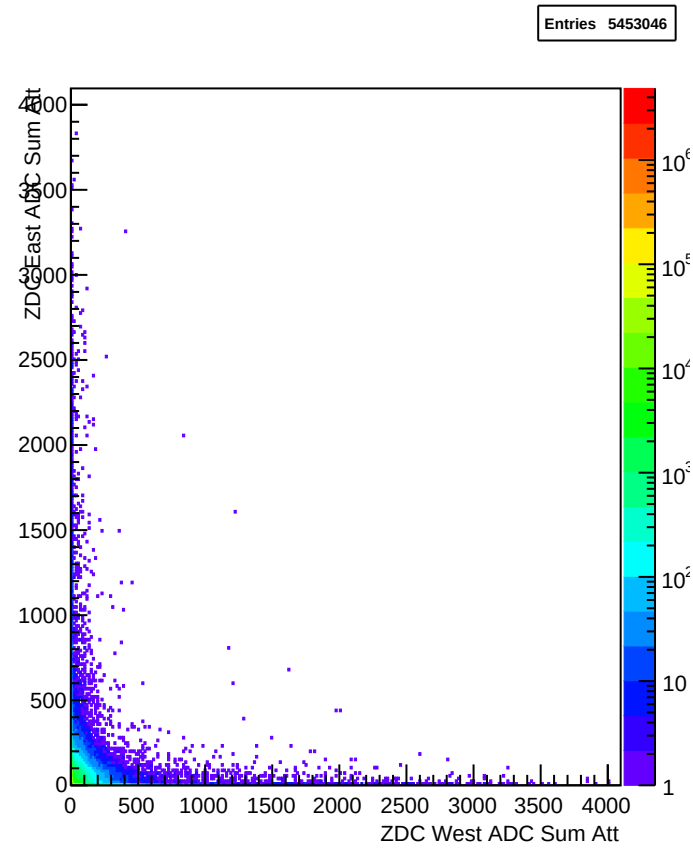

Entries 5453046
BBC-S-East ADC Sum
VPD-East ADC Sum

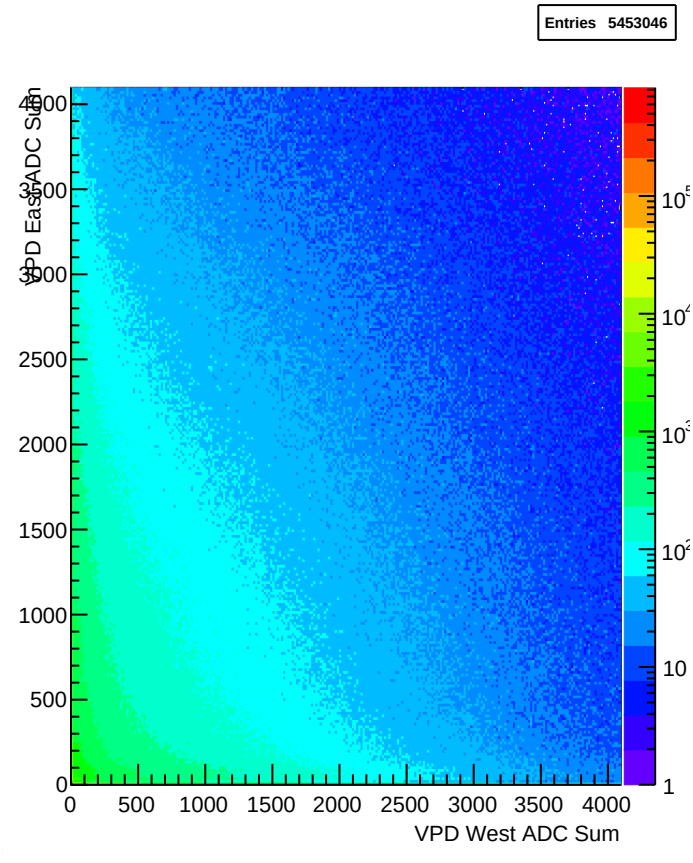

Entries 5453046
BBC-S-West ADC Sum
VPD-West ADC Sum

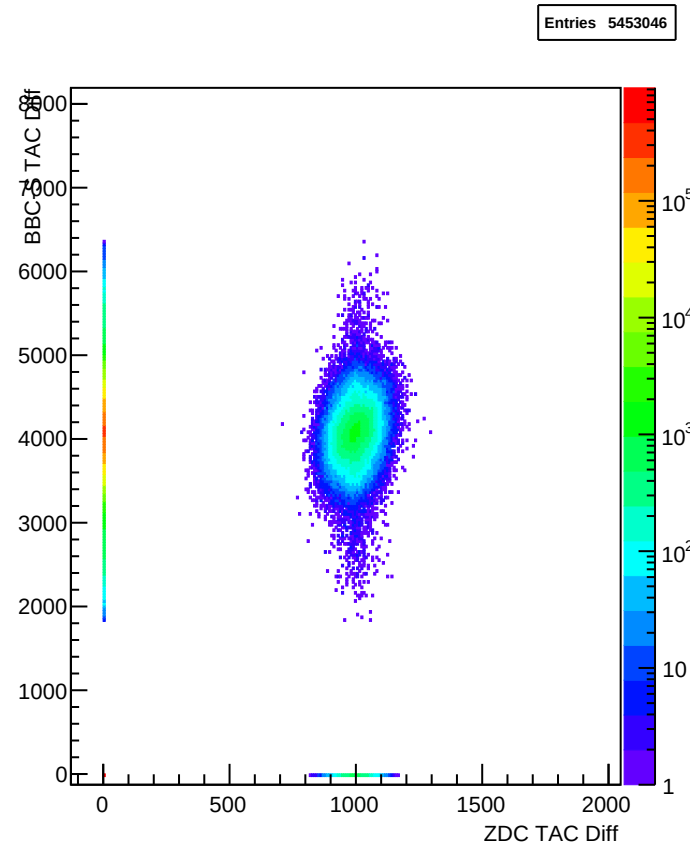

Entries 5453046
VPD-East ADC Sum
ZDC-East ADC Sum Att

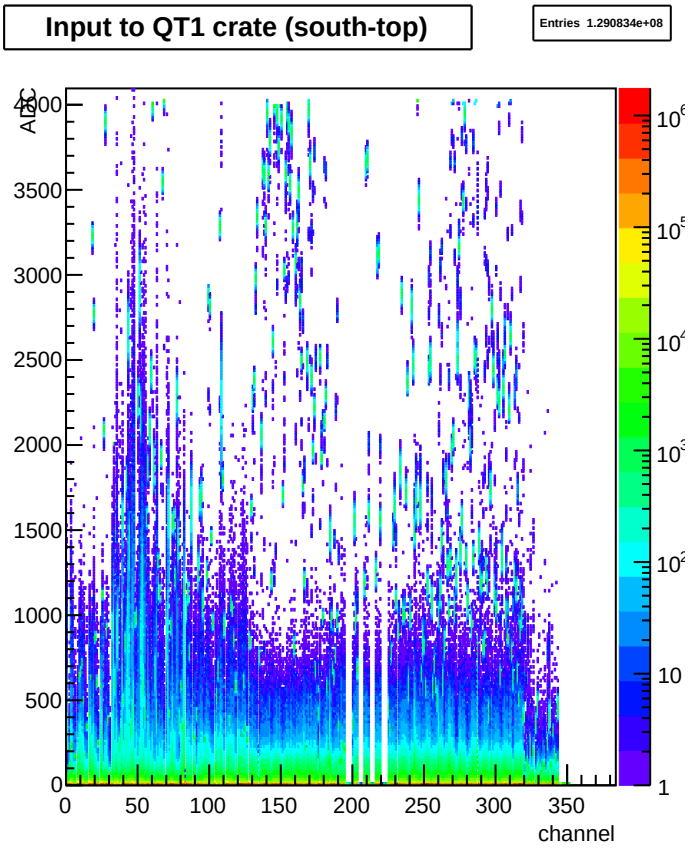

Entries 5453046
VPD-West ADC Sum
ZDC-West ADC Sum Att

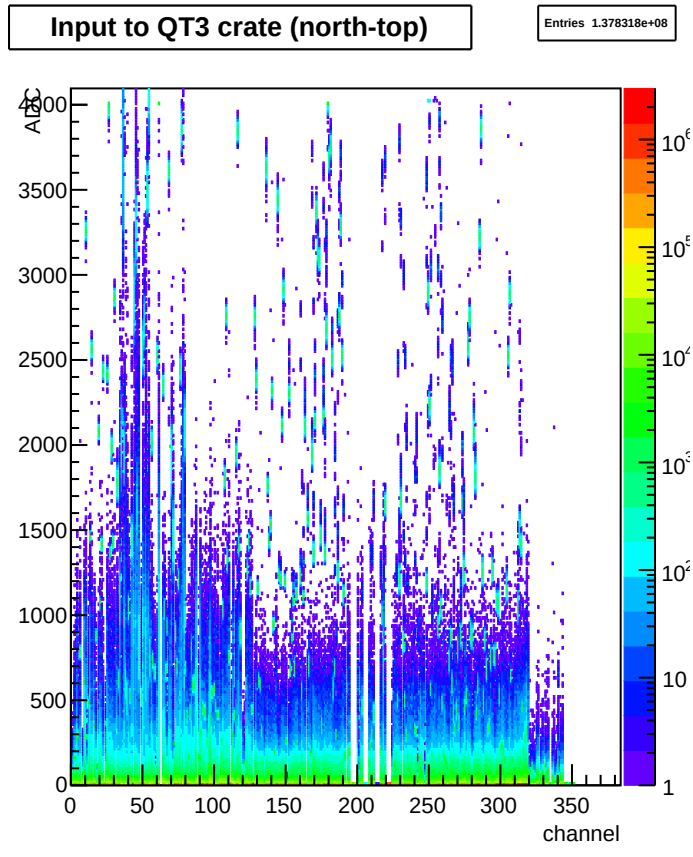

Entries 5453046
BBC-S-East ADC Sum
BBC-S-West ADC Sum

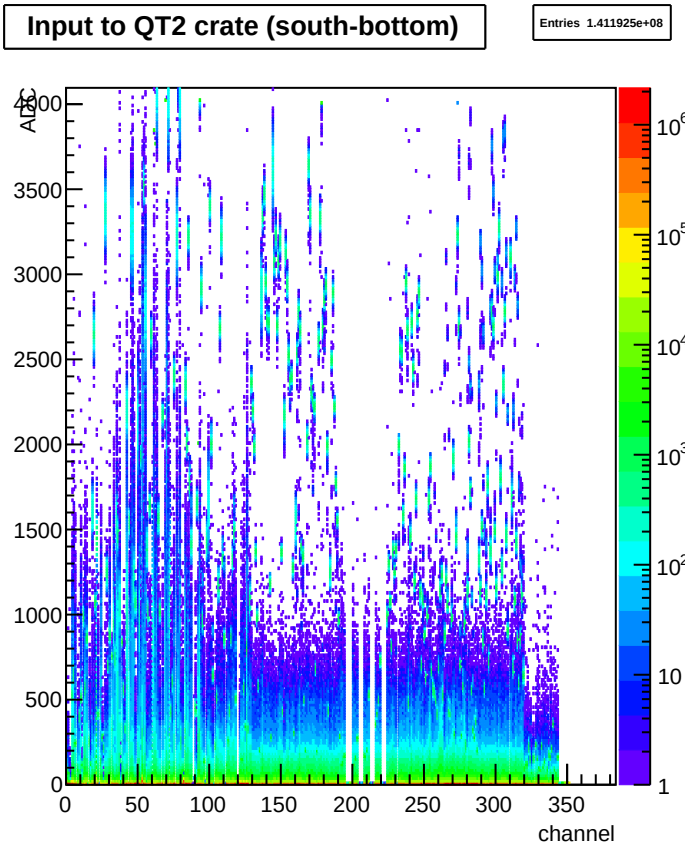

Entries 5453046
ZDC East ADC Sum Att
ZDC West ADC Sum Att

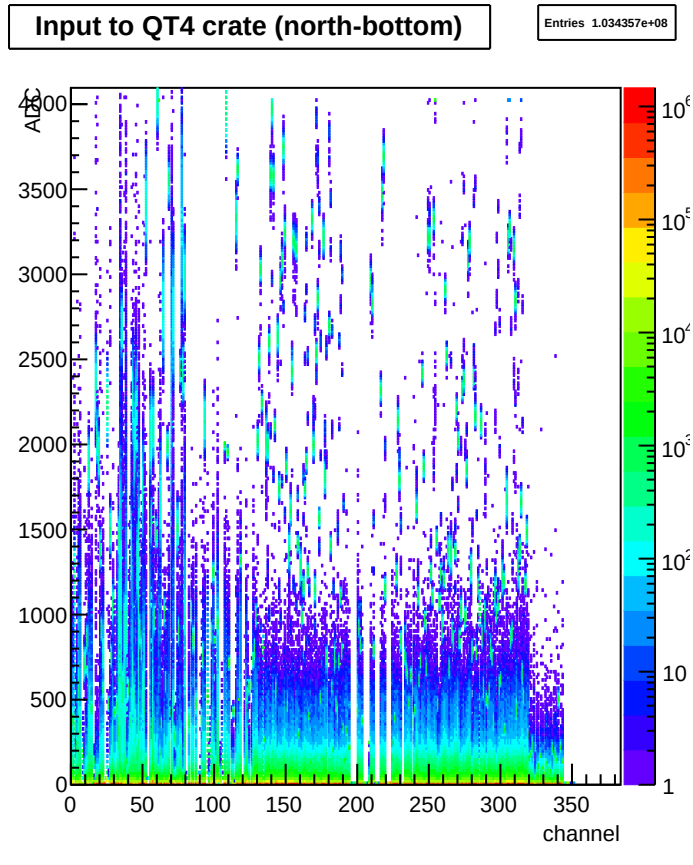

Entries 5453046
VPD East ADC Sum
VPD West ADC Sum

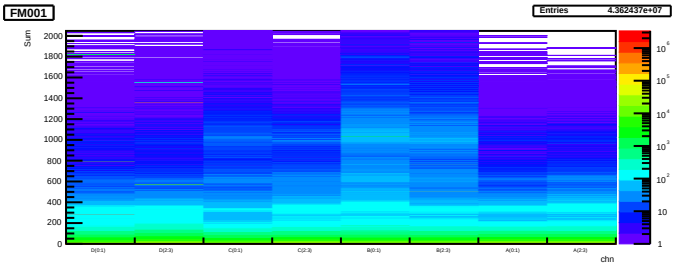

Entries 5453046
BBC-S TAC Diff
ZDC TAC Diff

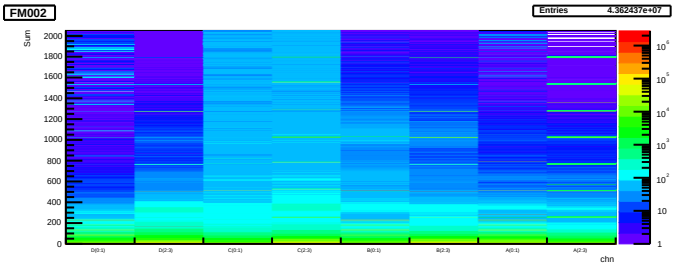

Input to QT1 crate (south-top)
Entries 1.290834e+08
ADC
channel

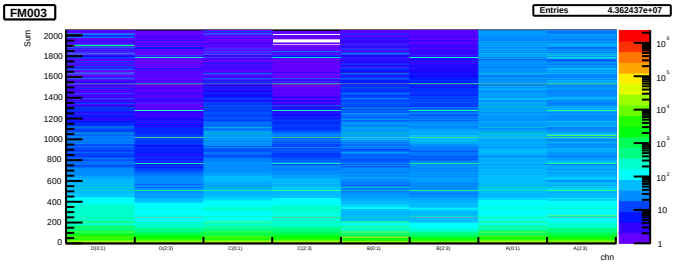

Input to QT3 crate (north-top)
Entries 1.378318e+08
ADC
channel

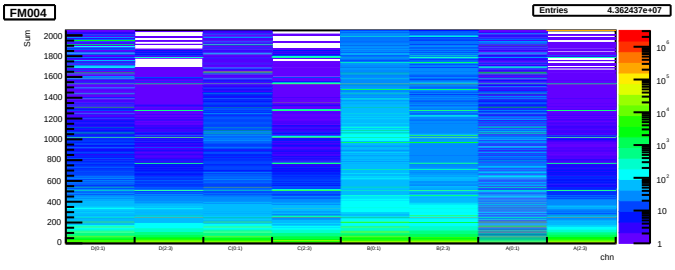

Input to QT2 crate (south-bottom)
Entries 1.411925e+08
ADC
channel

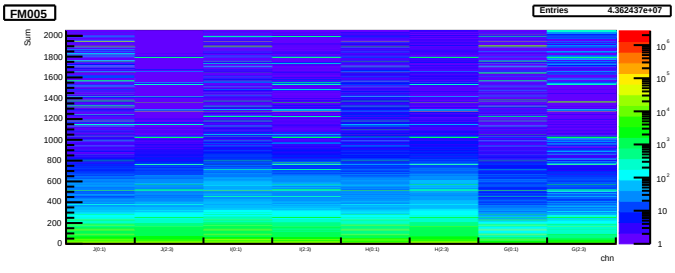

Input to QT4 crate (north-bottom)
Entries 1.034357e+08
ADC
channel


FM001
Entries 4.362437e+07
Sum
chn


FM002
Entries 4.362437e+07
Sum
chn


FM003
Entries 4.362437e+07
Sum
chn


FM004
Entries 4.362437e+07
Sum
chn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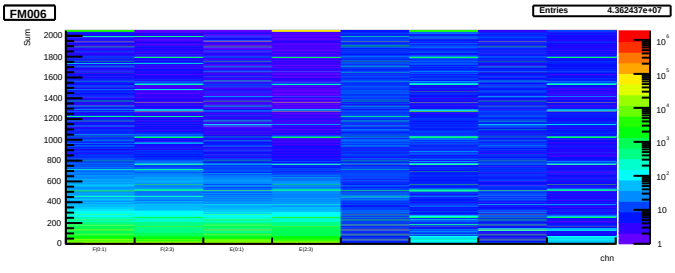
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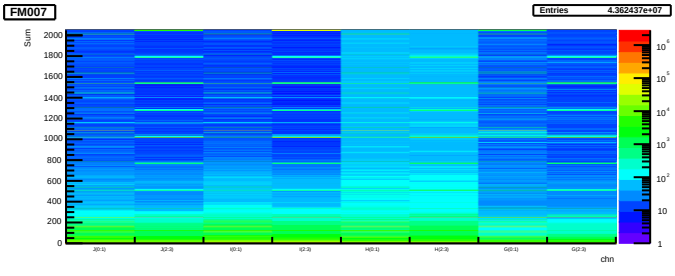
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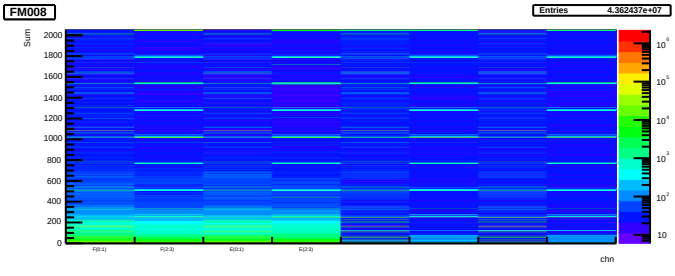
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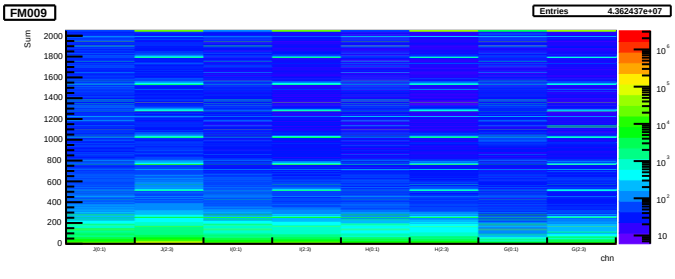
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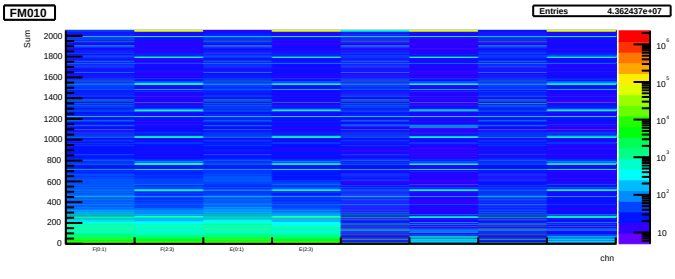
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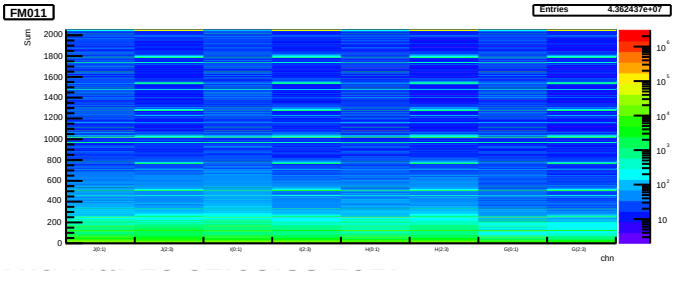
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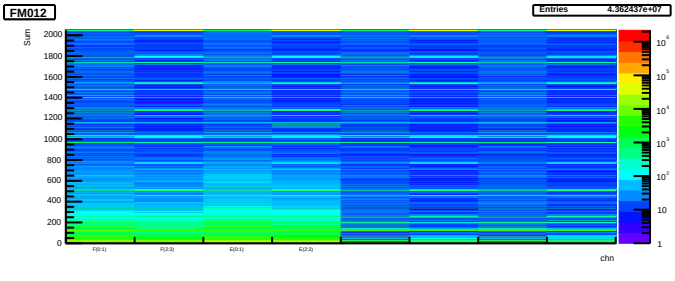
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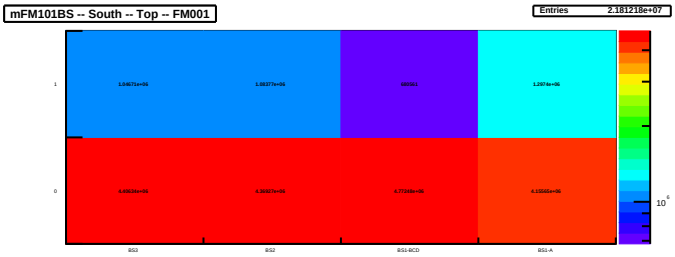
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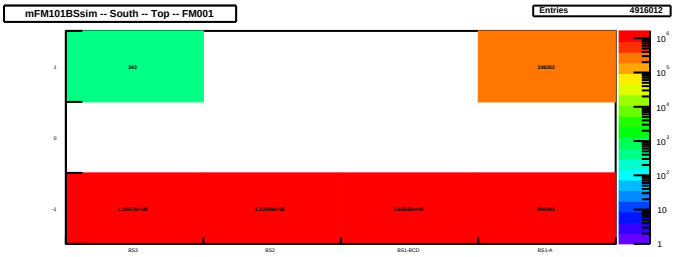
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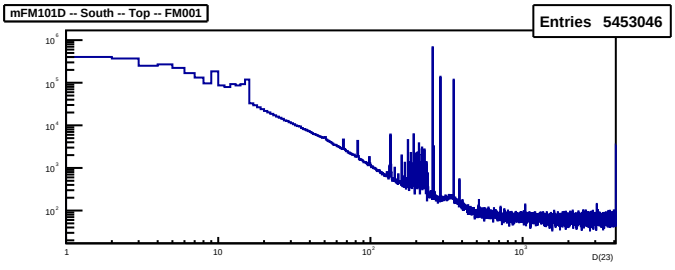
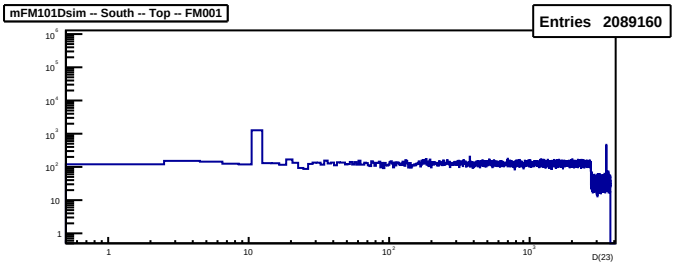

mFM101D -- South -- Top -- FM001
Entries 5453046
D(23)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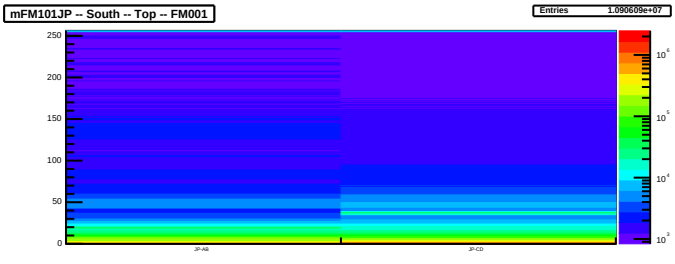
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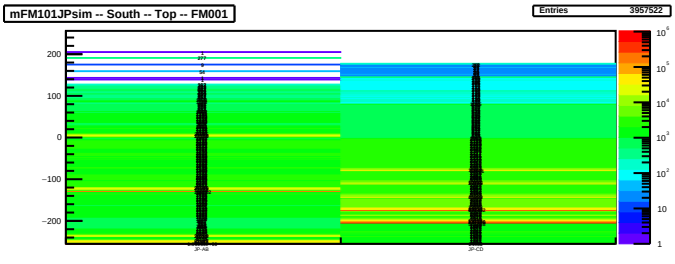
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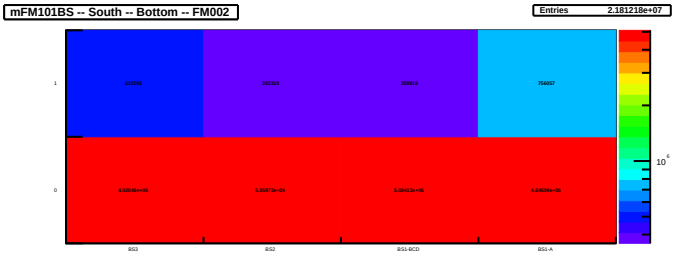
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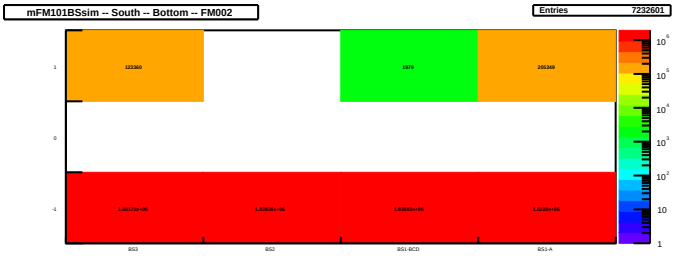
Entries 2.181218e+07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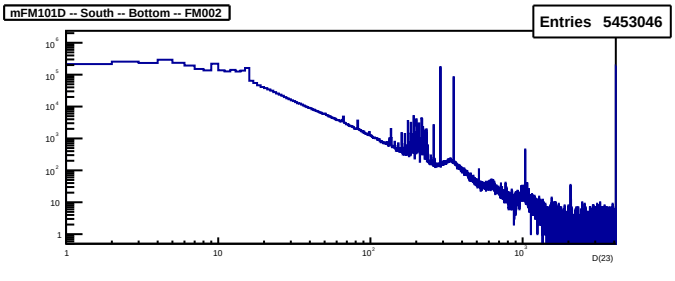
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Entries 5453046
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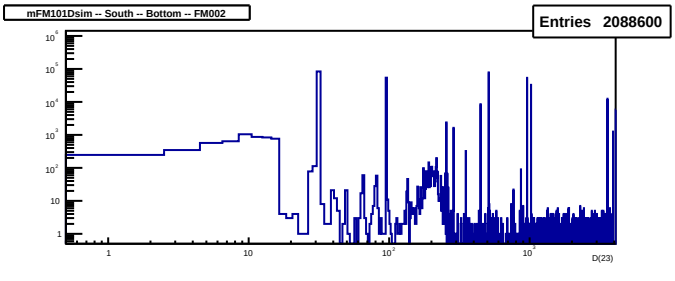
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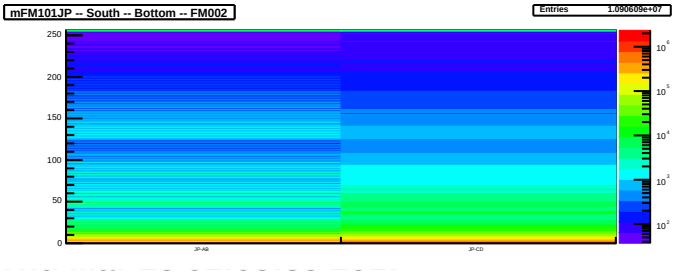
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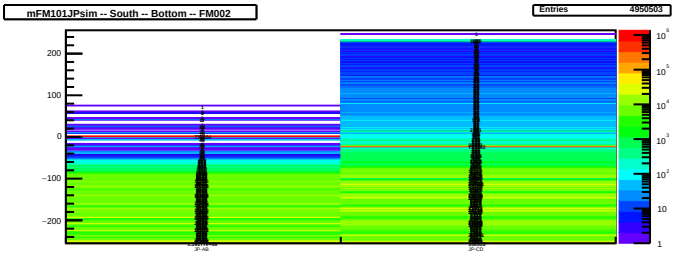
Entries 1.090609e+07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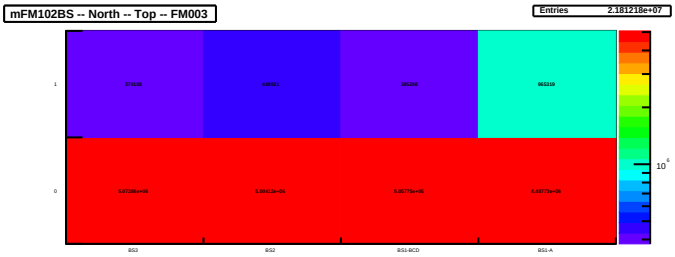
mFM102BS -- North -- Top -- FM003
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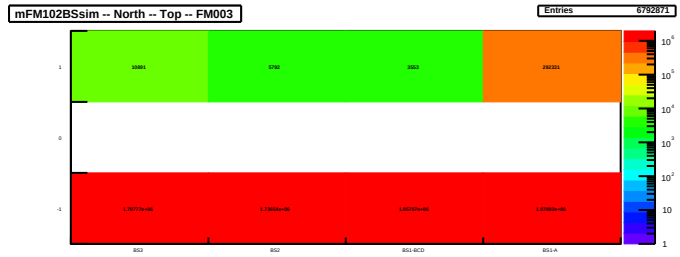
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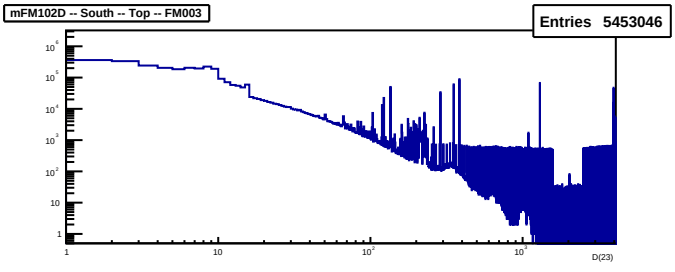
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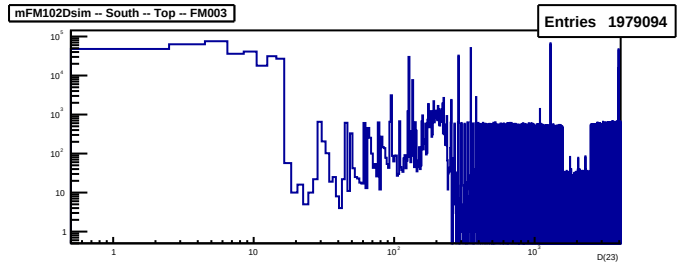
D(23)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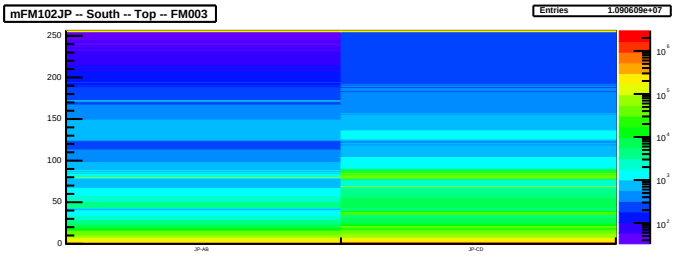
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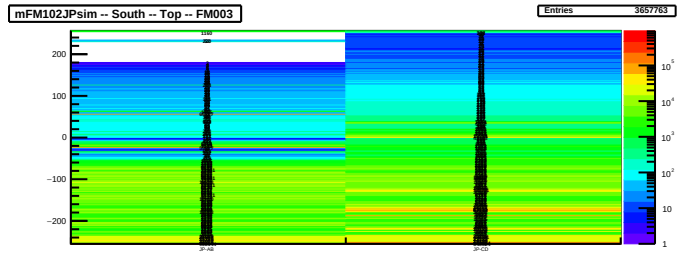
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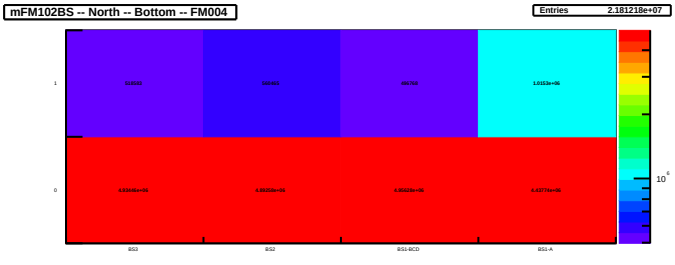
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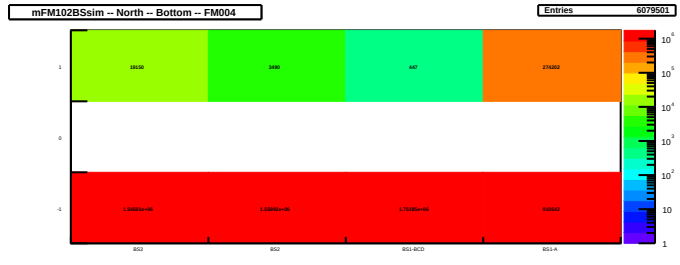
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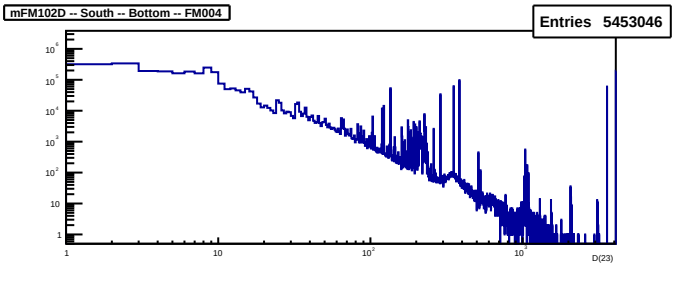
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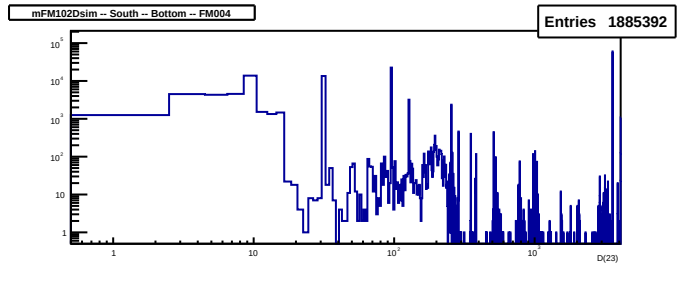
Entries 5453046
D(23)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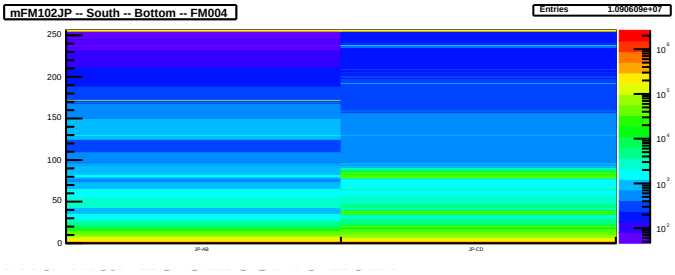
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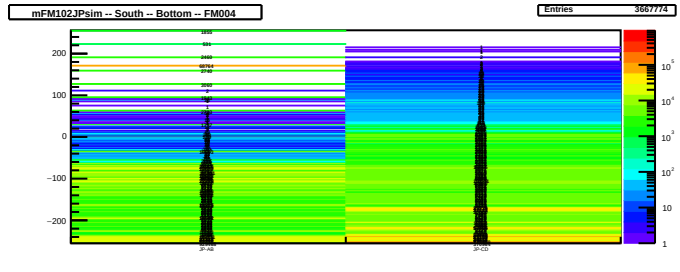
Entries 1.090609e+07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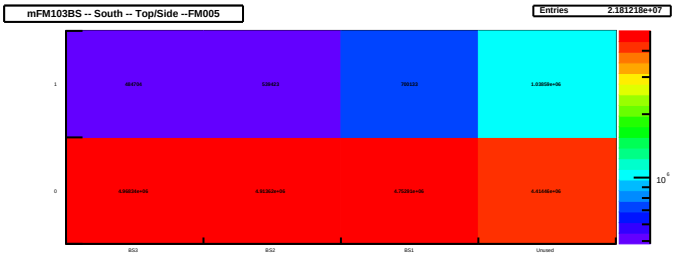
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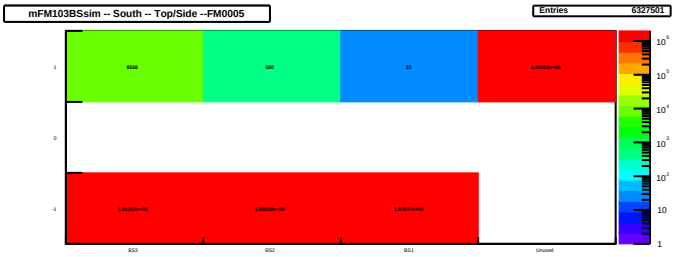
Entries 2.181218e+07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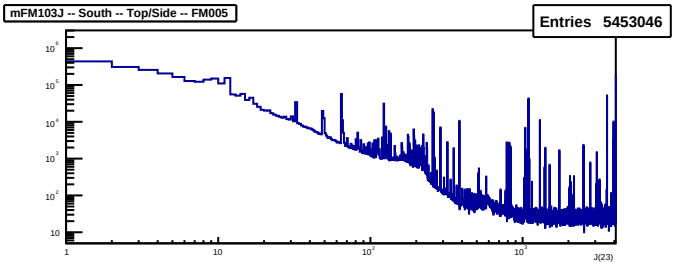
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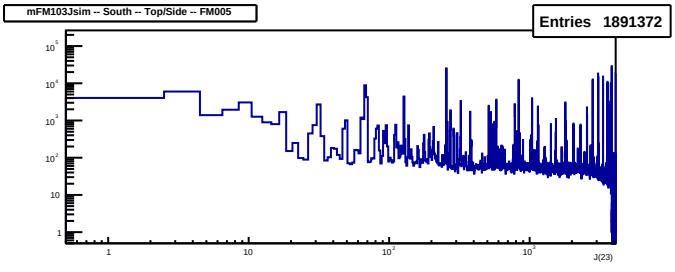
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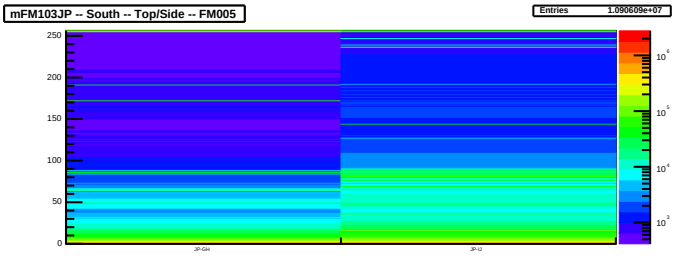
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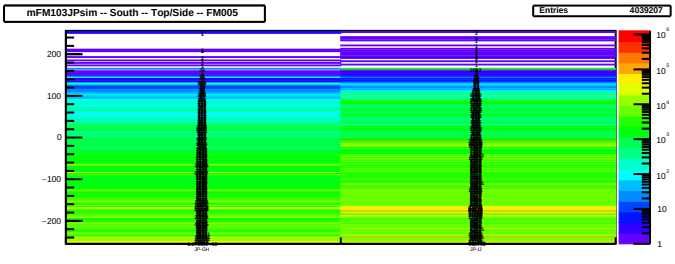
Entries 1.090609e+07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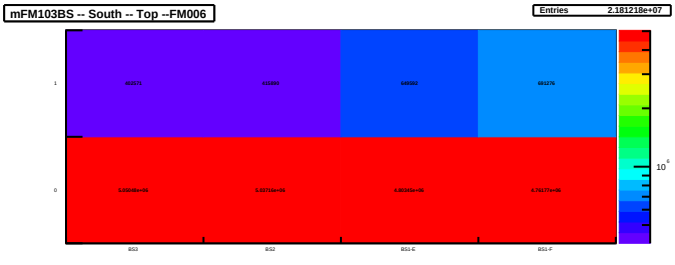
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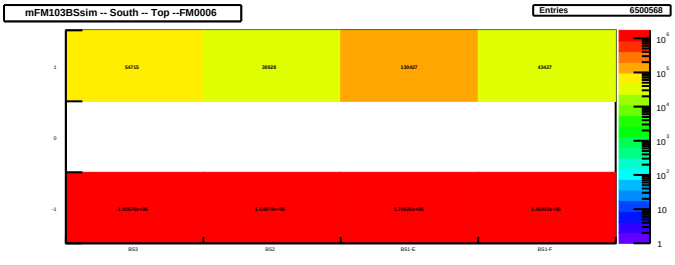
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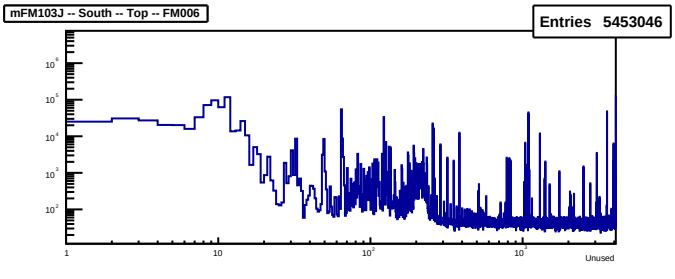
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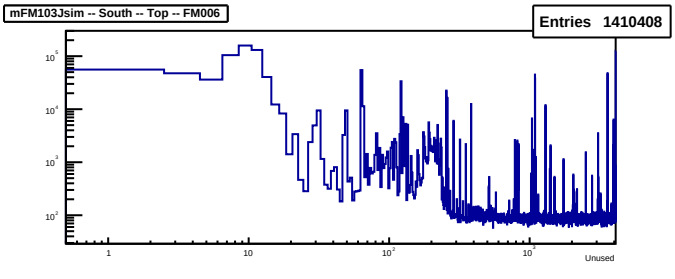
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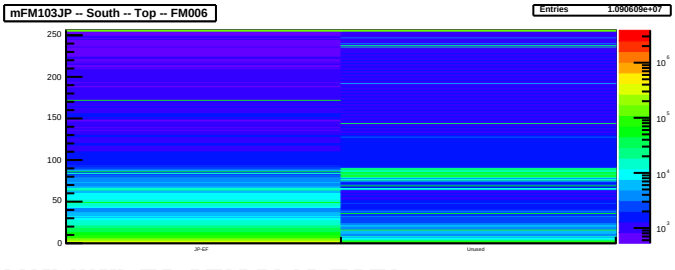
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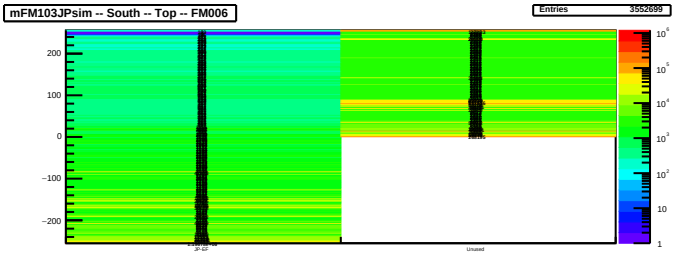
Entries 1.090609e+07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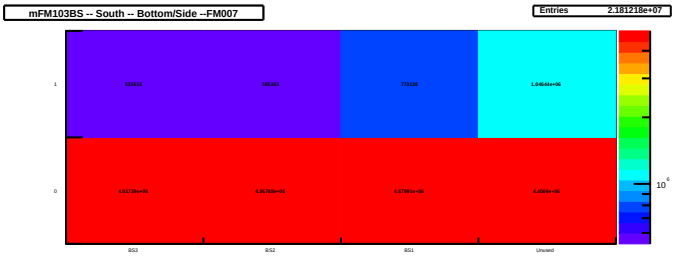
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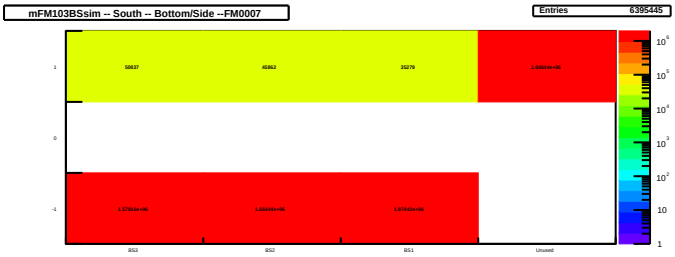
Entries 2.181218e+07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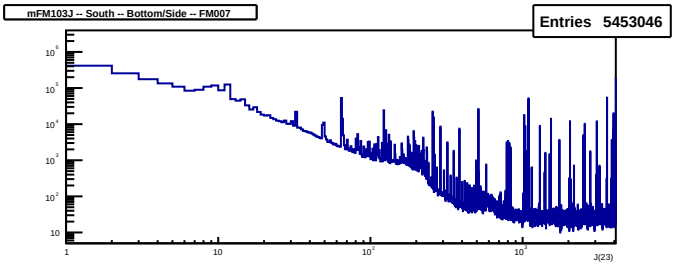
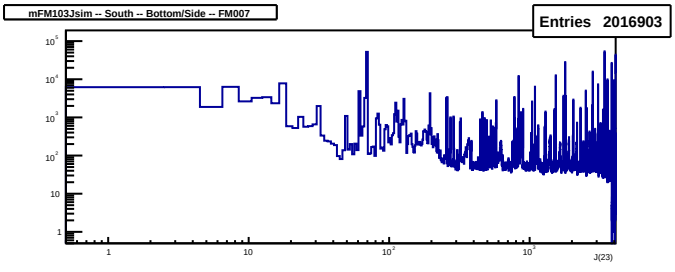

mFM103J -- South -- Bottom/Side -- FM007
Entries 5453046
J(23)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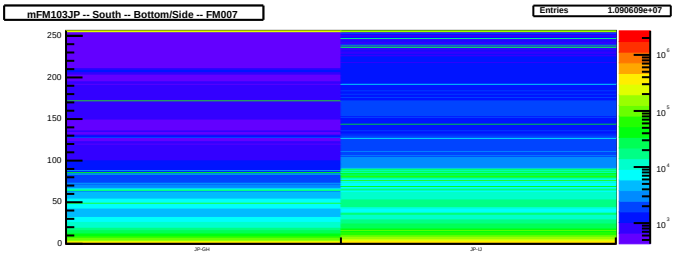
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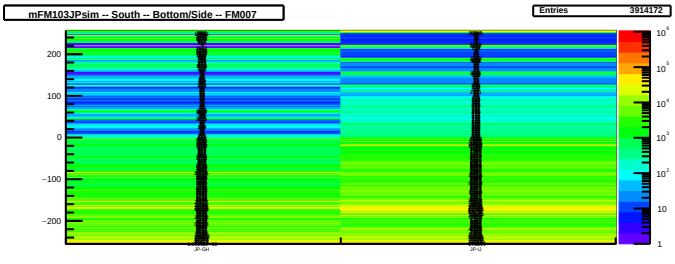
Entries 1.090609e+07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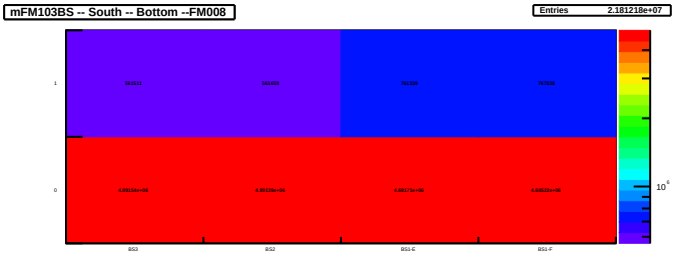
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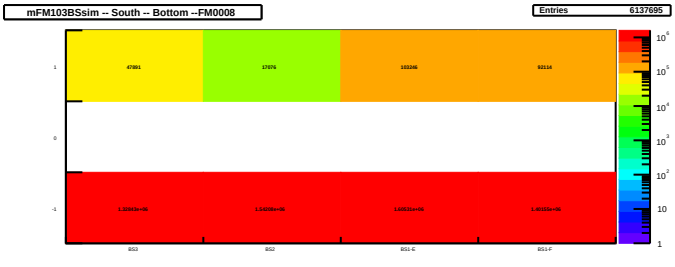
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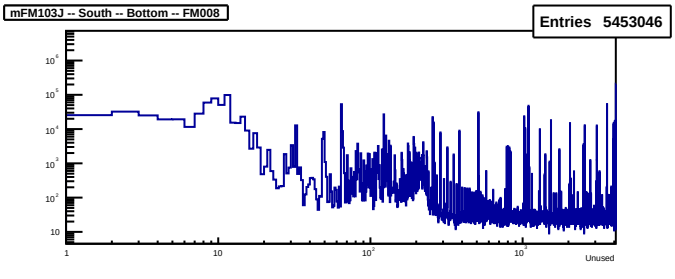
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Entries 5453046
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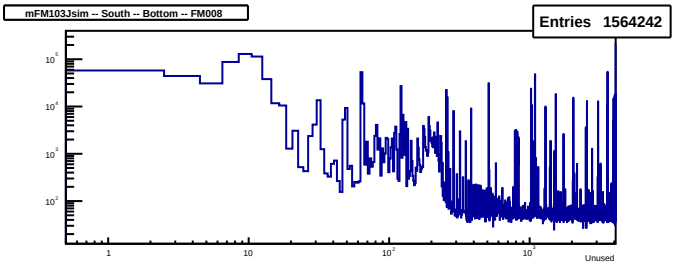
mFM103Jsim -- South -- Bottom -- FM008
Entries 1564242
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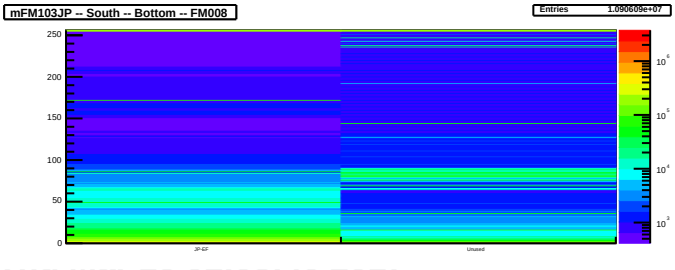
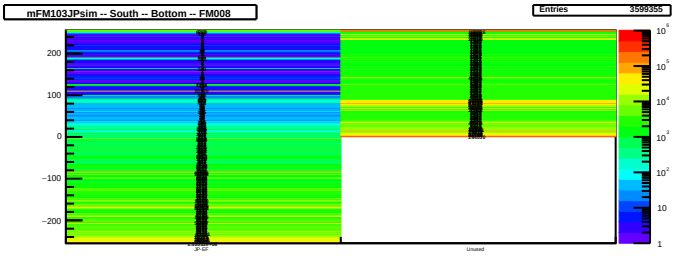
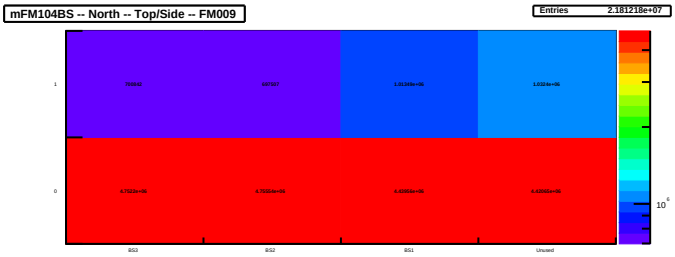
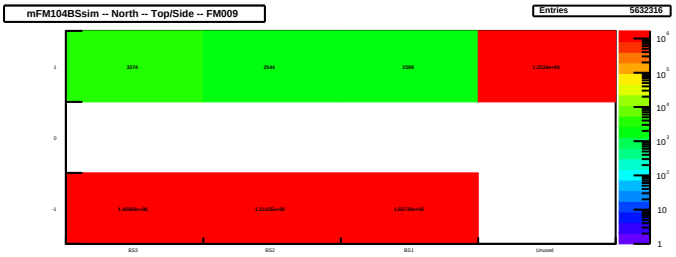
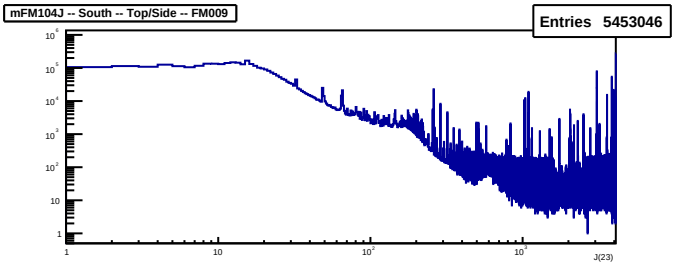
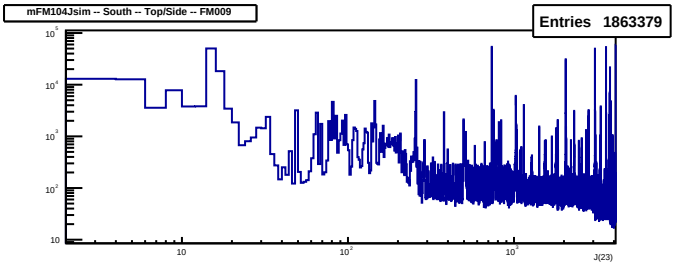

mFM103JP -- South -- Bottom -- FM008
Entries 1.090609e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3599355


mFM104BS -- North -- Top/Side -- FM009
Entries 2.181218e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5632316


mFM104J -- South -- Top/Side -- FM009
Entries 5453046
J(23)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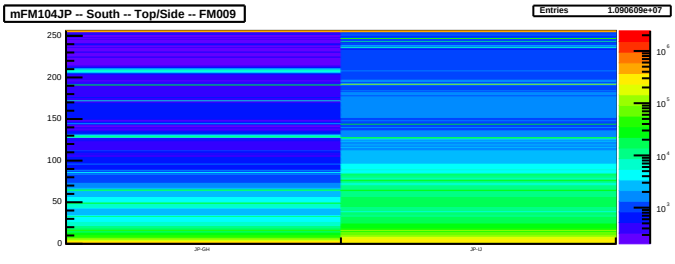
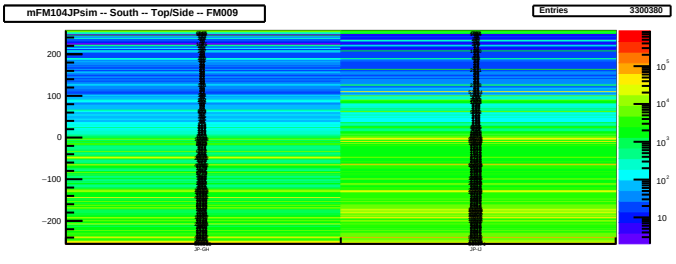
Entries 1863379
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.090609e+07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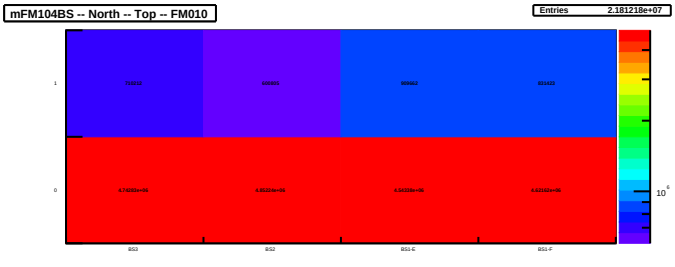
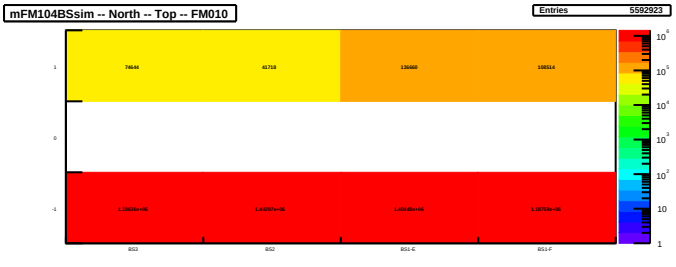
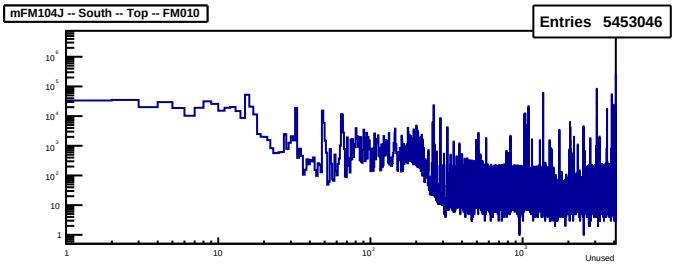
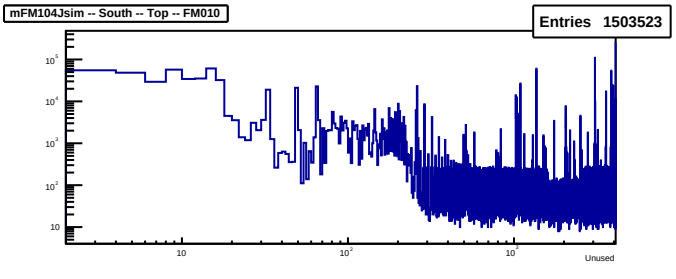
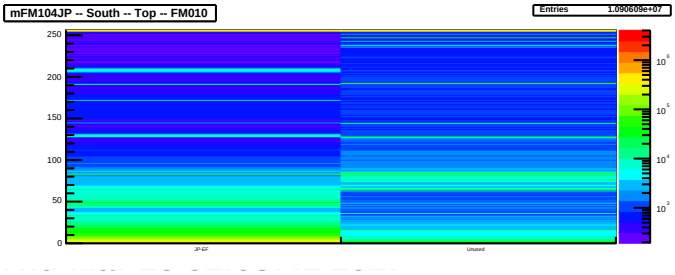
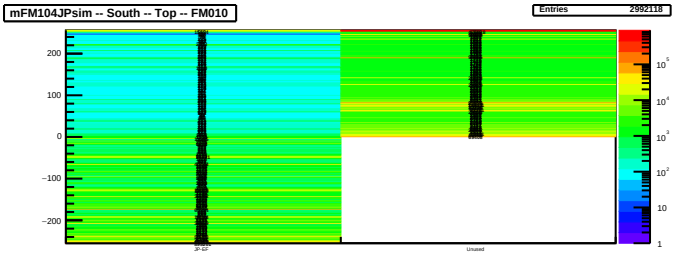

mFM104BS -- North -- Top -- FM010
Entries 2.181218e+07

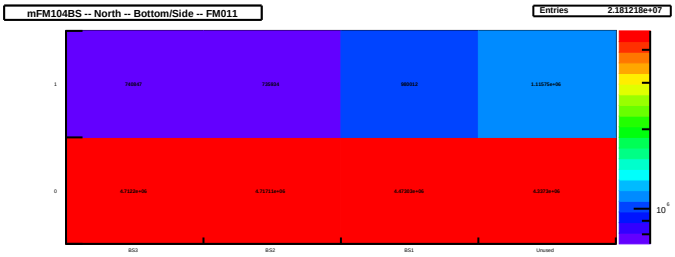

mFM104BSsim -- North -- Top -- FM010
Entries 5592923

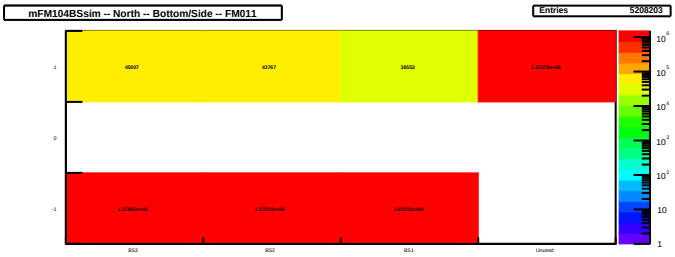

mFM104J -- South -- Top -- FM010
Entries 5453046
Unused

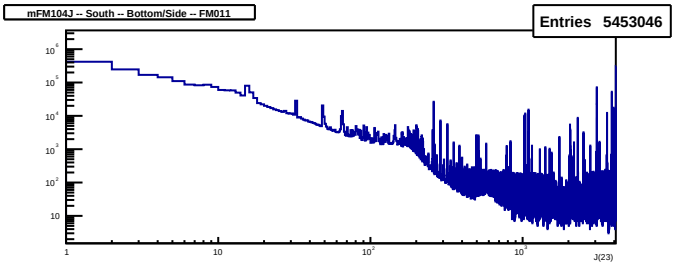

mFM104Jsim -- South -- Top -- FM010
Entries 1503523
Unused

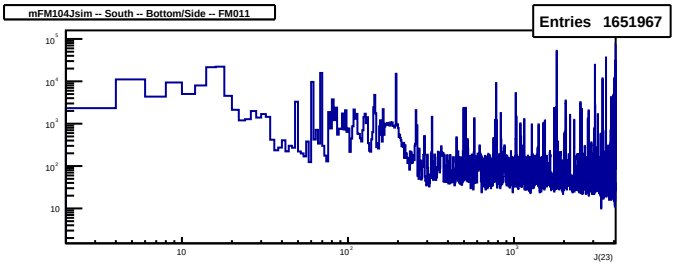

mFM104JP -- South -- Top -- FM010
Entries 1.090609e+07

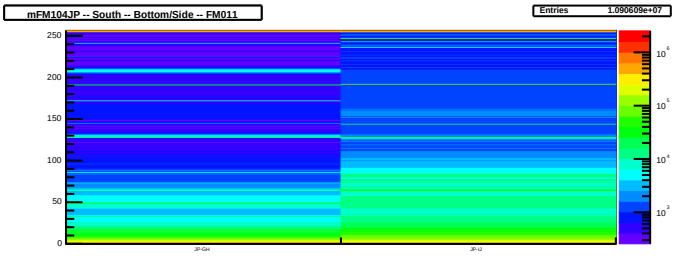

mFM104JPsim -- South -- Top -- FM010
Entries 2992118

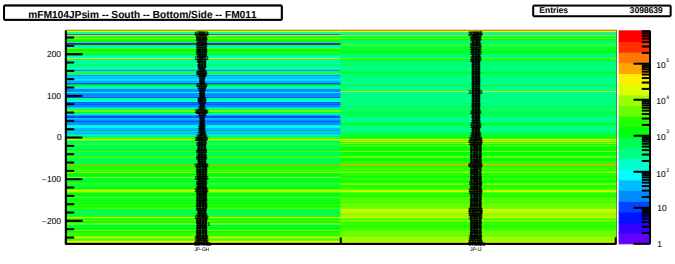

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.181218e+07

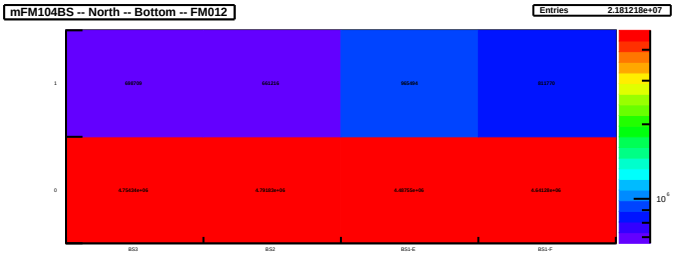

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5208203

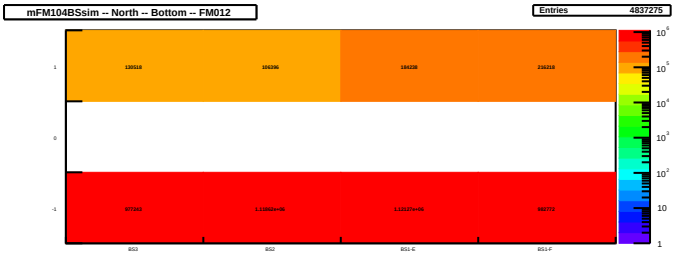

mFM104J -- South -- Bottom/Side -- FM011
Entries 5453046
J(23)

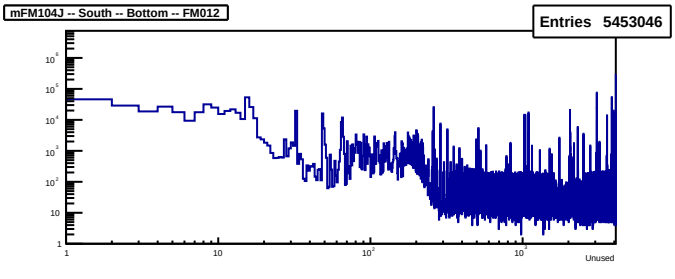

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1651967
J(23)

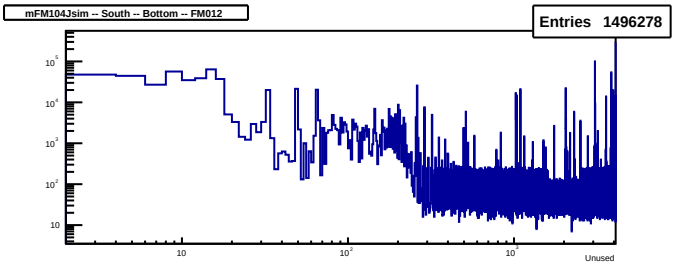

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.090609e+07

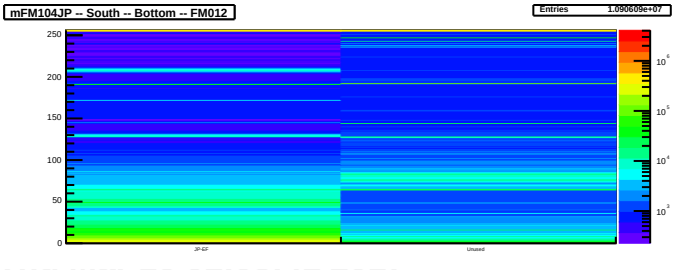

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3098639

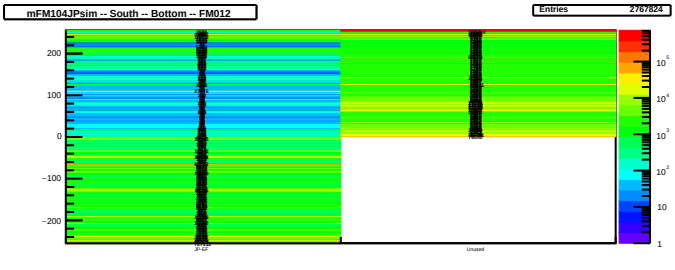

mFM104BS -- North -- Bottom -- FM012
Entries 2.181218e+07

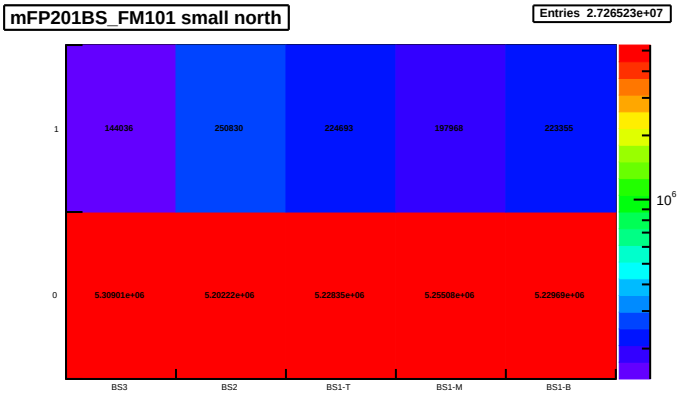

mFM104BSsim -- North -- Bottom -- FM012
Entries 4837275

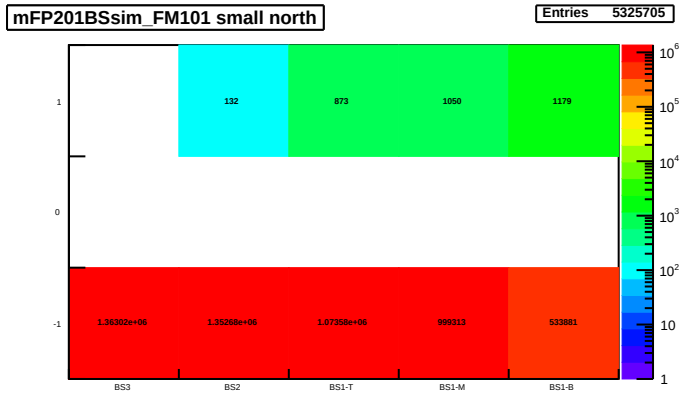

mFM104J -- South -- Bottom -- FM012
Entries 5453046
Unused

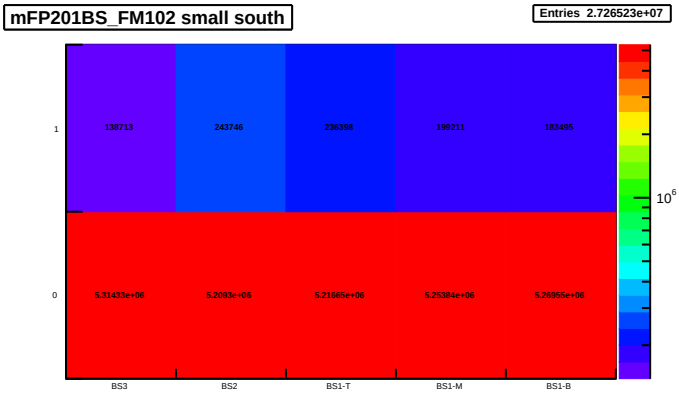

mFM104Jsim -- South -- Bottom -- FM012
Entries 1496278
Unused

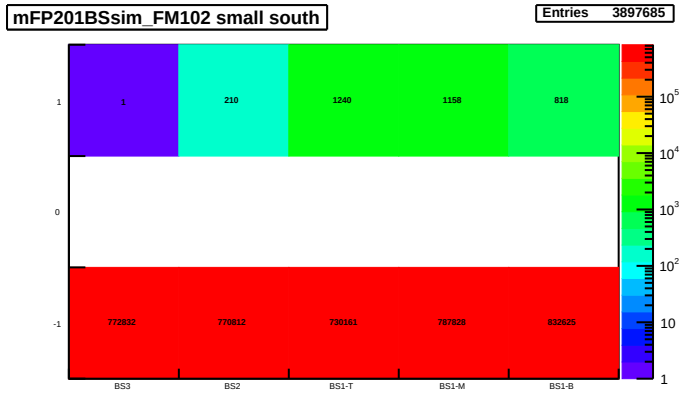

mFM104JP -- South -- Bottom -- FM012
Entries 1.090609e+07

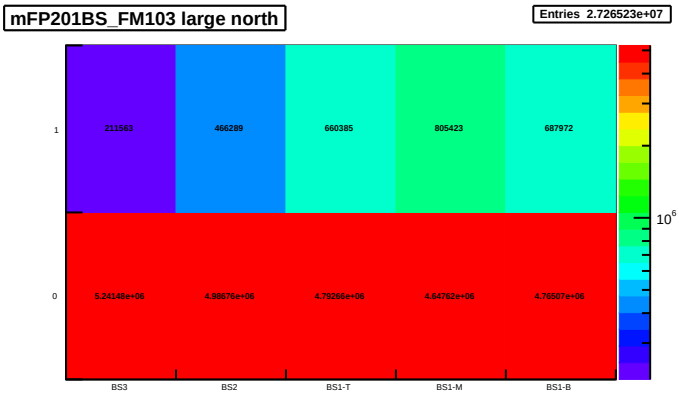

mFM104JPsim -- South -- Bottom -- FM012
Entries 2767824

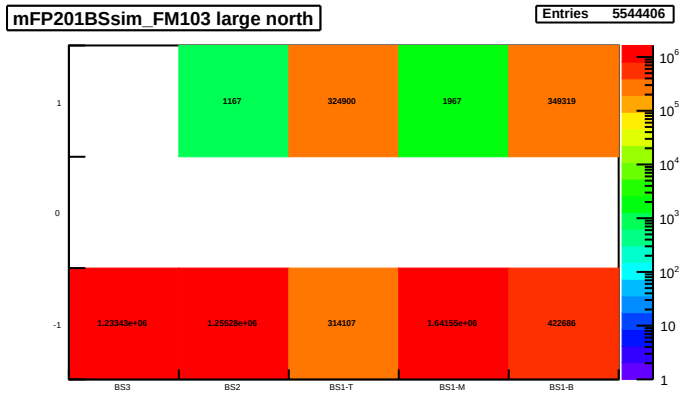

mFP201BS_FM101 small north
Entries 2.726523e+07
144036
250830
224693
197968
223355
5.30901e+06
5.20222e+06
5.22835e+06
5.25508e+06
5.22969e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

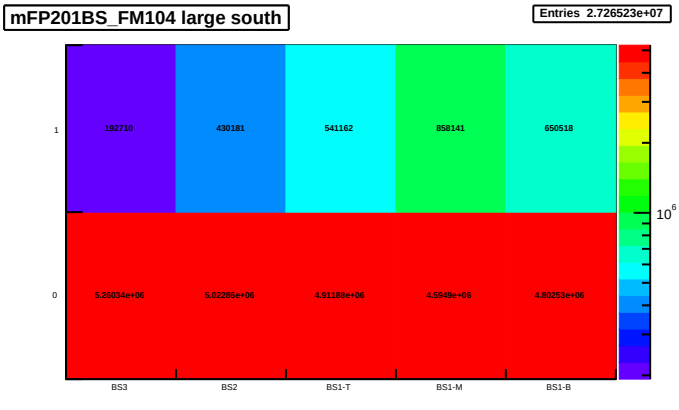

mFP201BSsim_FM101 small north
Entries 5325705
132
873
1050
1179
1.36302e+06
1.35268e+06
1.07358e+06
999313
533881
BS3
BS2
BS1-T
BS1-M
BS1-B

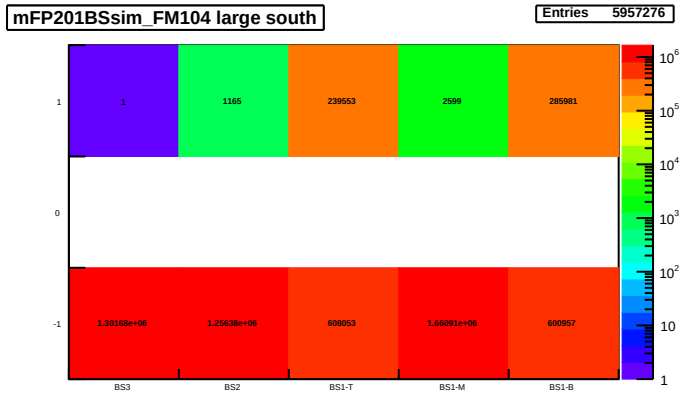

mFP201BS_FM102 small south
Entries 2.726523e+07
138713
243746
236398
199211
183495
5.31433e+06
5.2093e+06
5.21665e+06
5.25384e+06
5.26955e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

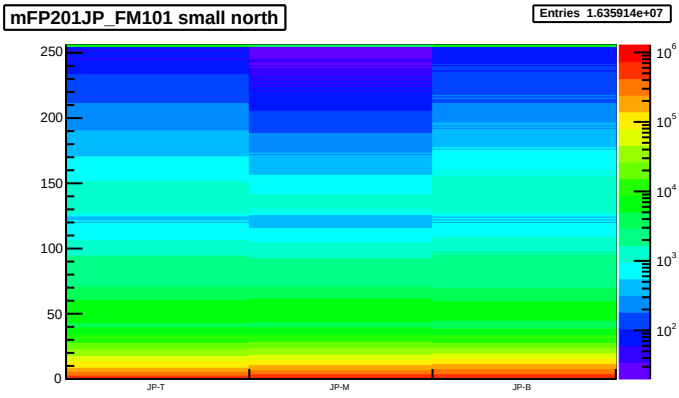

mFP201BSsim_FM102 small south
Entries 3897685
1
210
1240
1158
818
772832
770812
730161
787828
832625
BS3
BS2
BS1-T
BS1-M
BS1-B

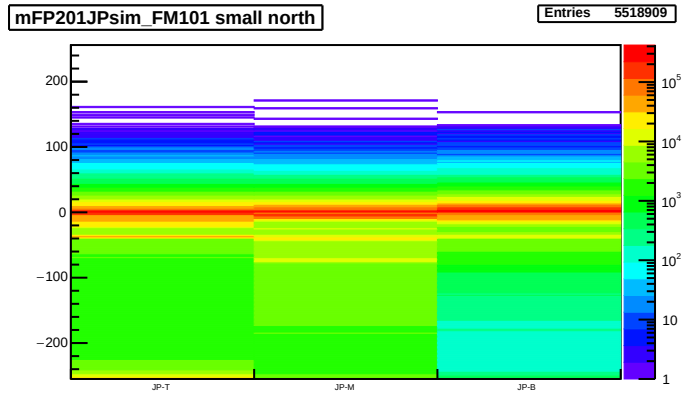

mFP201BS_FM103 large north
Entries 2.726523e+07
211563
466289
660385
805423
687972
5.24148e+06
4.98676e+06
4.79266e+06
4.64762e+06
4.76507e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

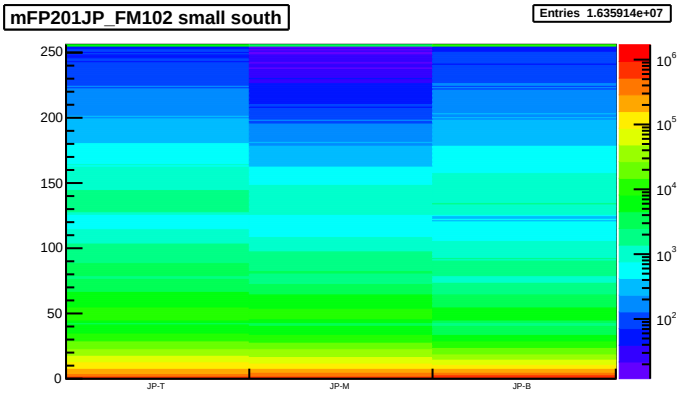

mFP201BSsim_FM103 large north
Entries 5544406
1167
324900
1967
349319
1.23343e+06
1.25528e+06
314107
1.64155e+06
422686
BS3
BS2
BS1-T
BS1-M
BS1-B

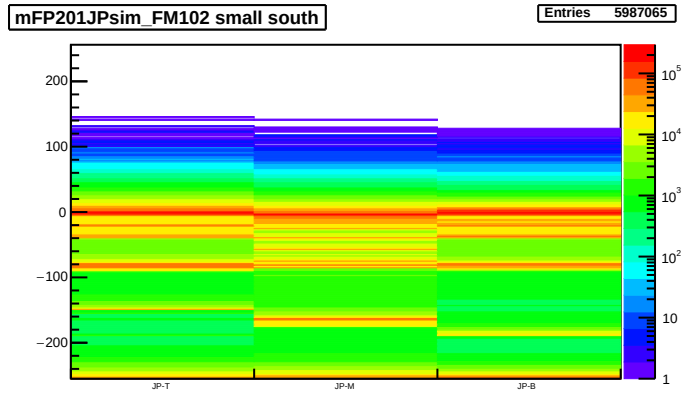

mFP201BS_FM104 large south
Entries 2.726523e+07
192710
430181
541162
858141
650518
5.26034e+06
5.02286e+06
4.91188e+06
4.5949e+06
4.80253e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

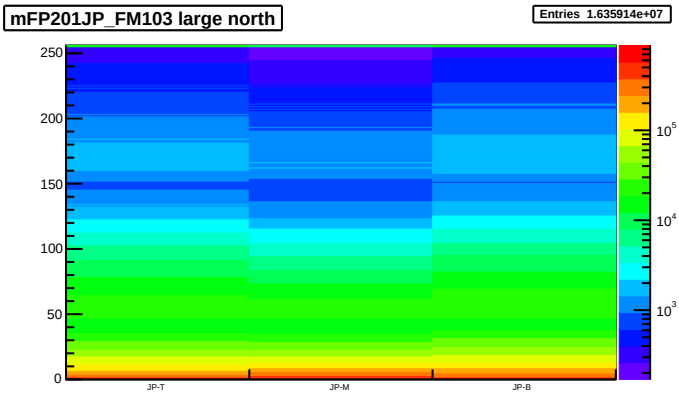

mFP201BSsim_FM104 large south
Entries 5957276
1
1165
239553
2599
285981
1.30168e+06
1.25638e+06
608053
1.66091e+06
600957
BS3
BS2
BS1-T
BS1-M
BS1-B

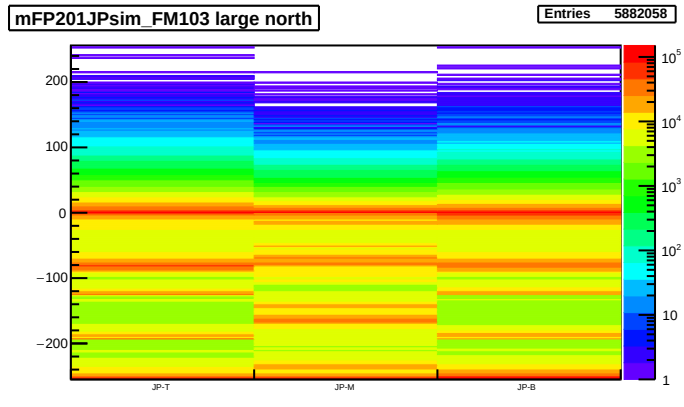

mFP201JP_FM101 small north
Entries 1.635914e+07
JP-T
JP-M
JP-B

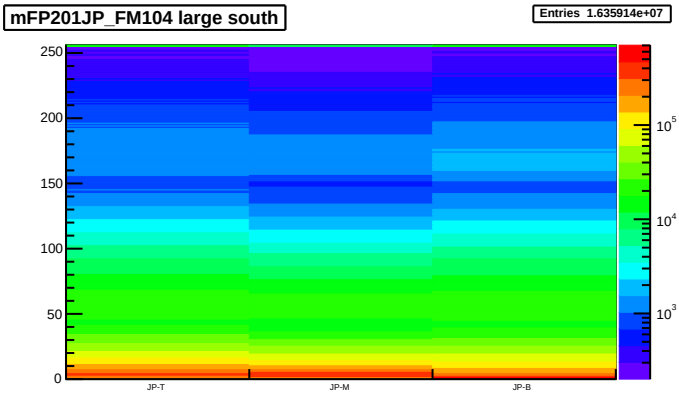

mFP201JPsim_FM101 small north
Entries 5518909
JP-T
JP-M
JP-B

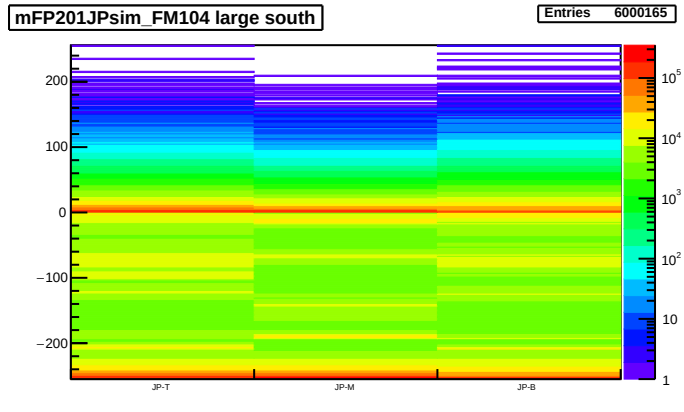

mFP201JP_FM102 small south
Entries 1.635914e+07
JP-T
JP-M
JP-B

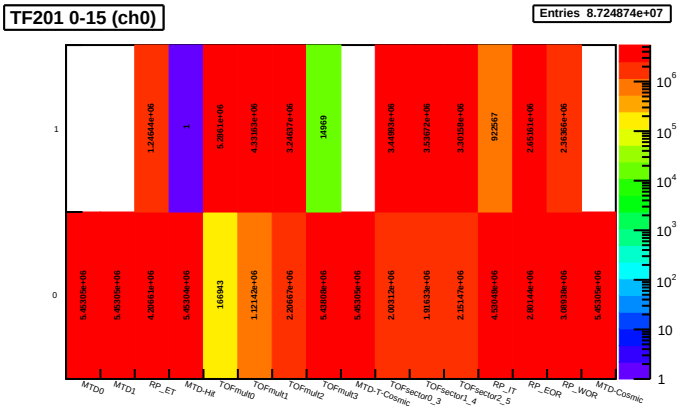

mFP201JPsim_FM102 small south
Entries 5987065
JP-T
JP-M
JP-B

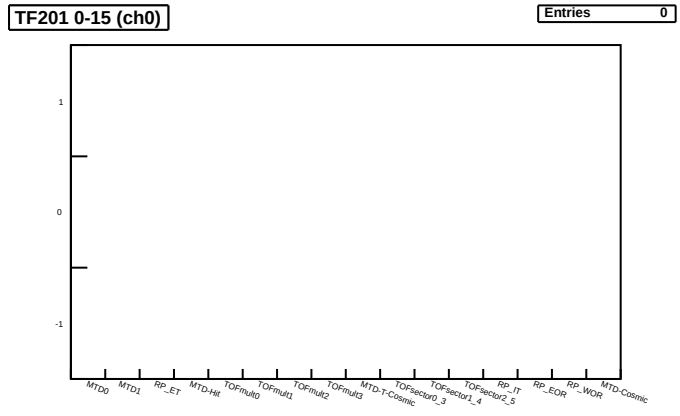

mFP201JP_FM103 large north
Entries 1.635914e+07
JP-T
JP-M
JP-B

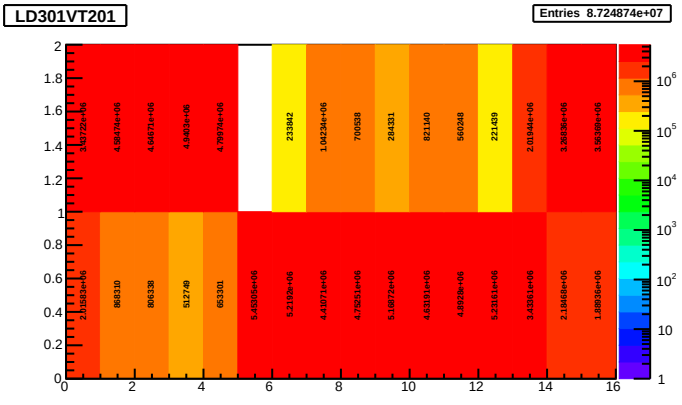

mFP201JPsim_FM103 large north
Entries 5882058
JP-T
JP-M
JP-B

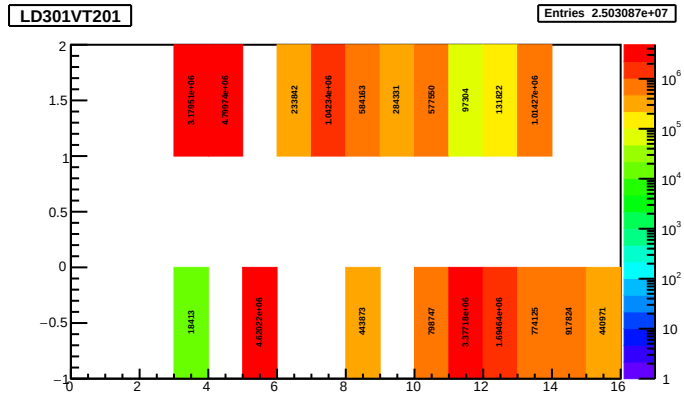

mFP201JP_FM104 large south
Entries 1.635914e+07
JP-T
JP-M
JP-B

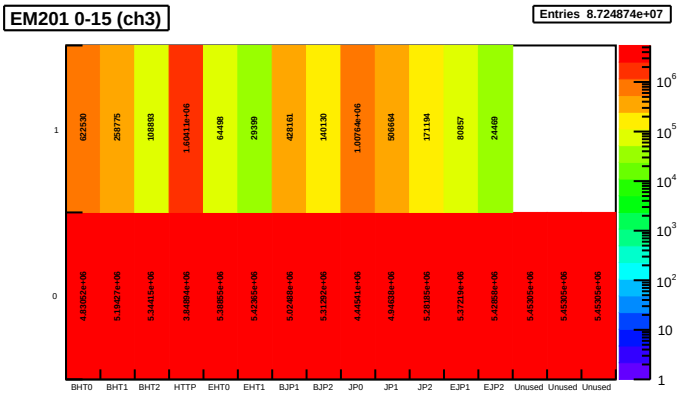

mFP201JPsim_FM104 large south
Entries 6000165
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.724874e+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 8.724874e+07


LD301VT201
Entries 2.503087e+07


EM201 0-15 (ch3)
Entries 8.724874e+07
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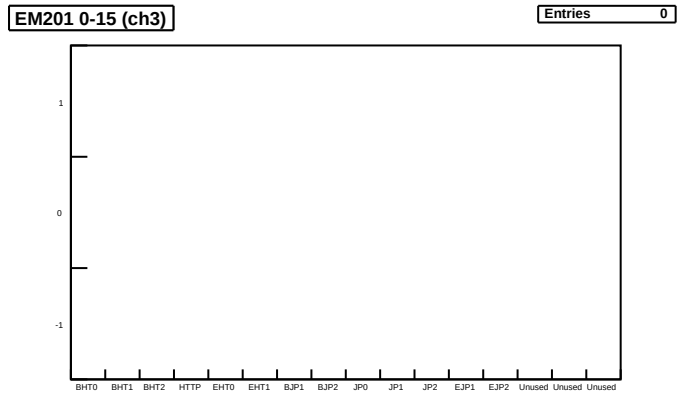
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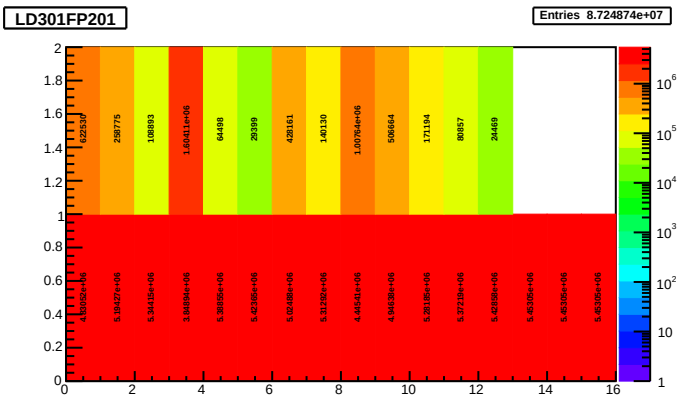
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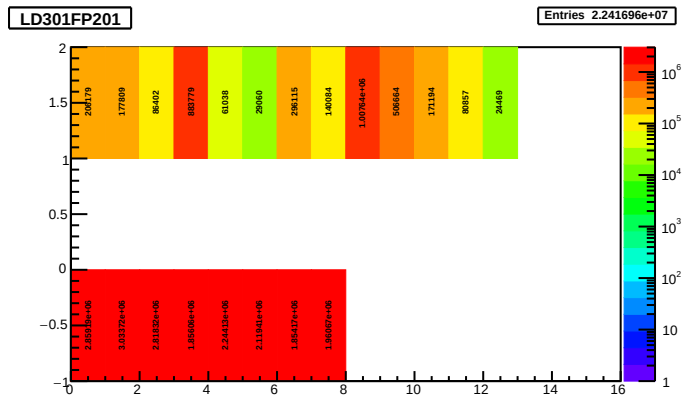
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