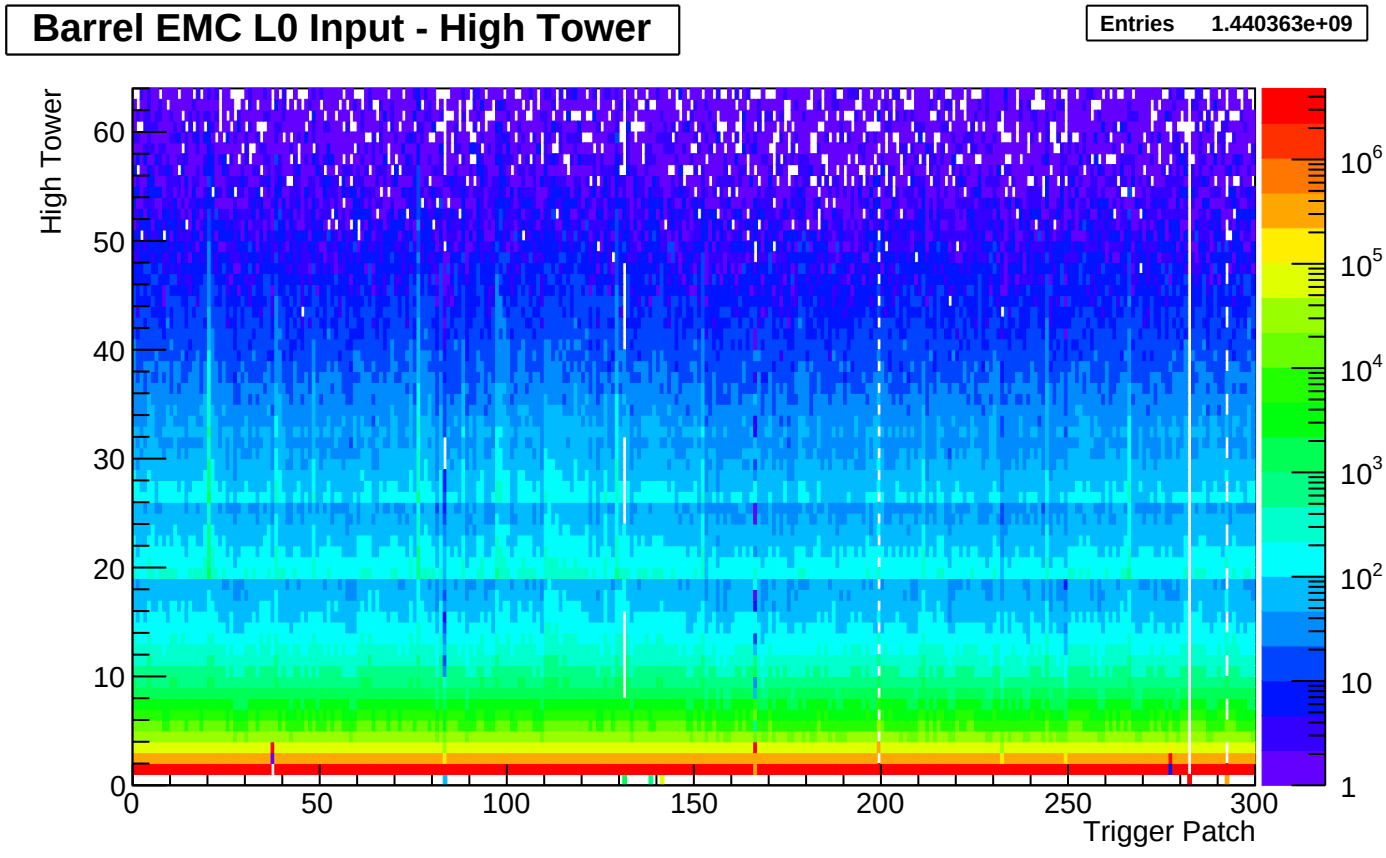
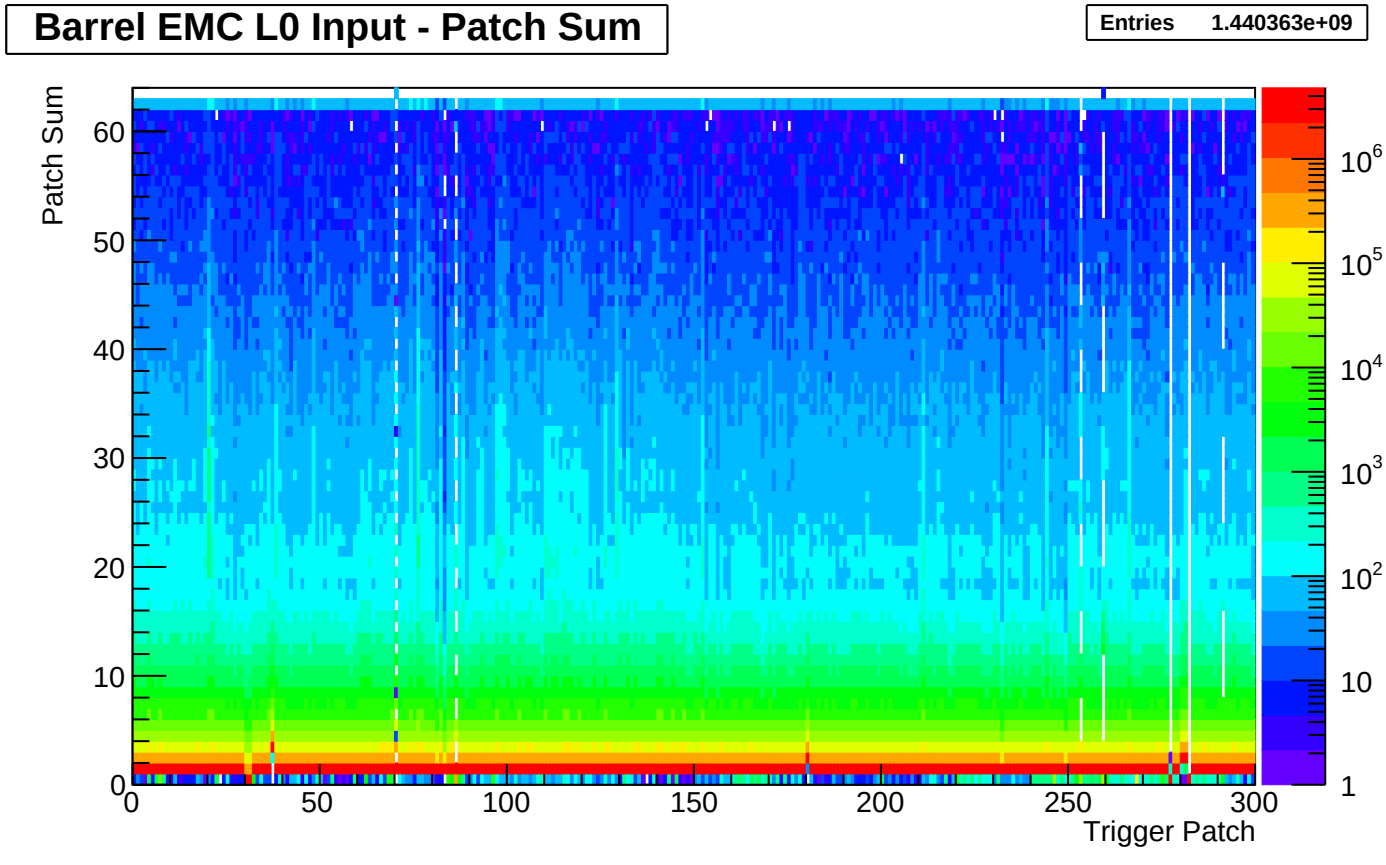
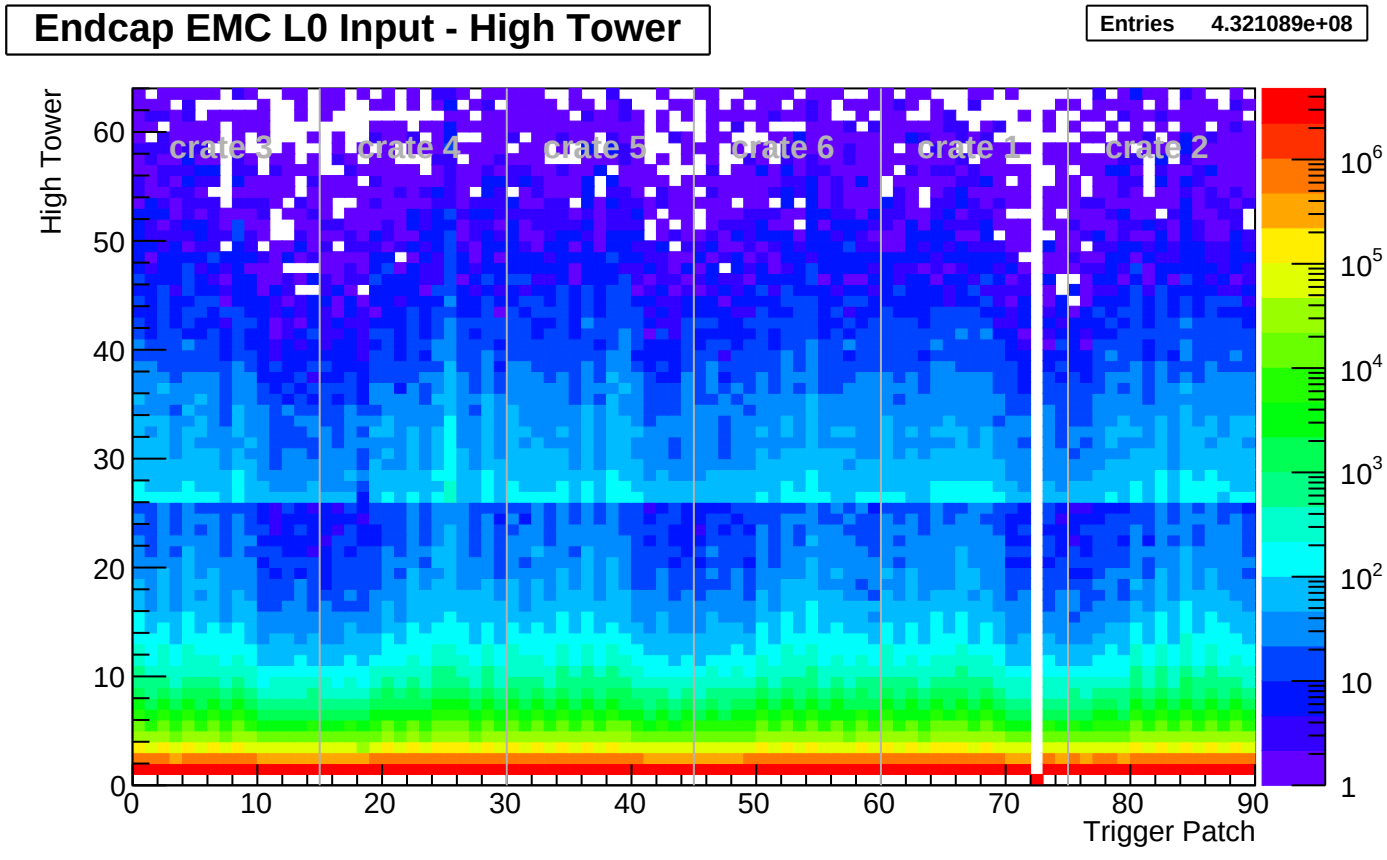
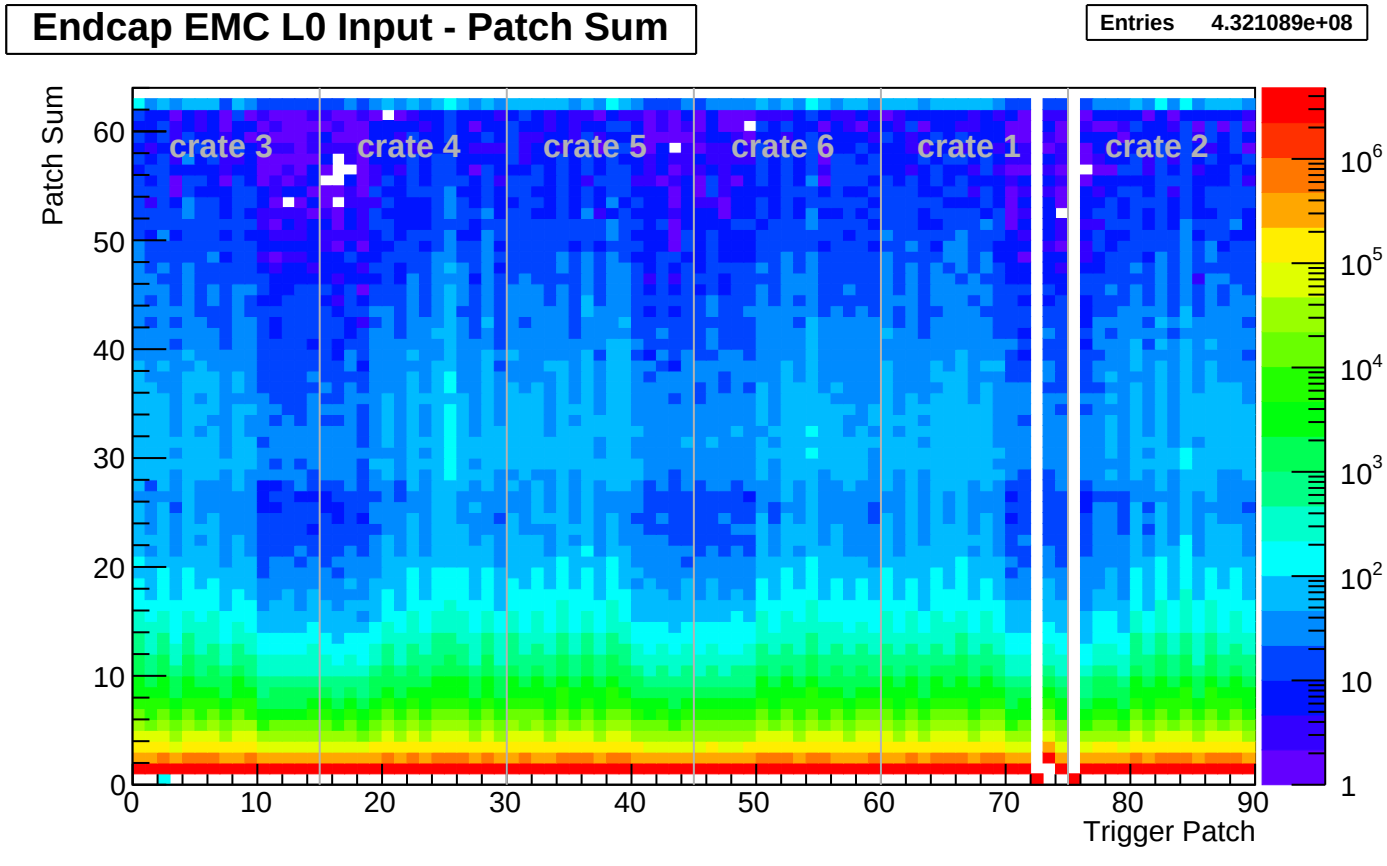
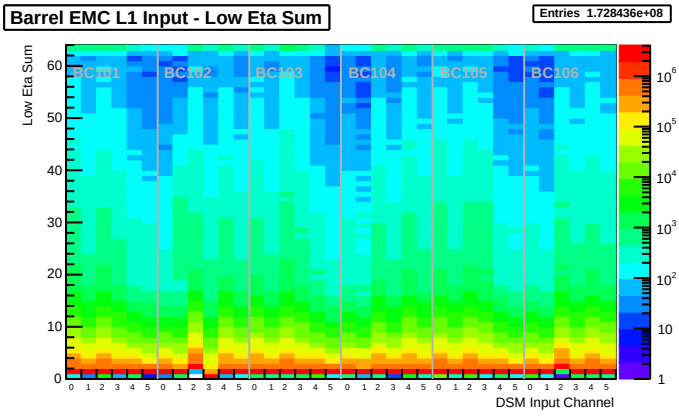
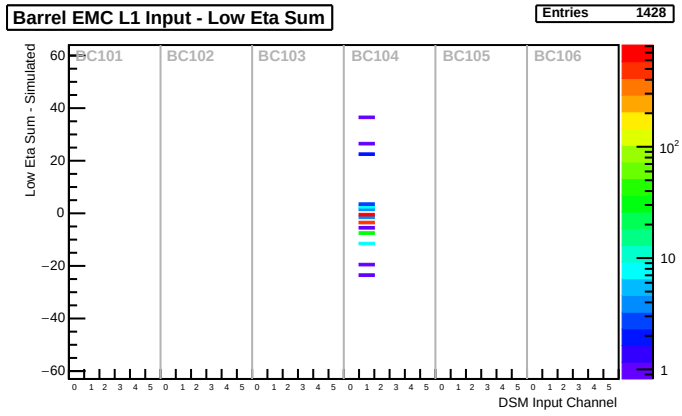

Barrel EMC L0 Input - High Tower
Entries 1.440363e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

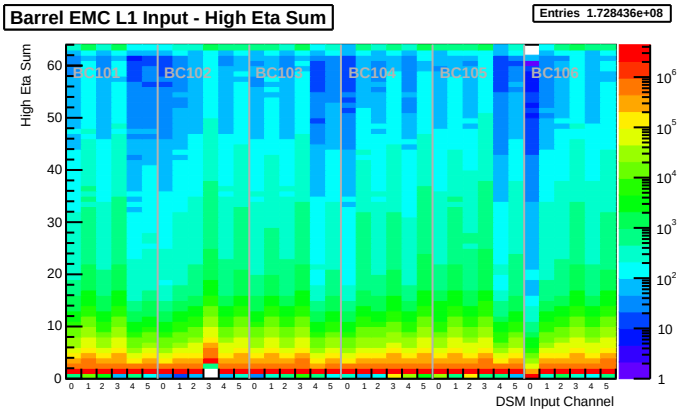

Barrel EMC L0 Input - Patch Sum
Entries 1.440363e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

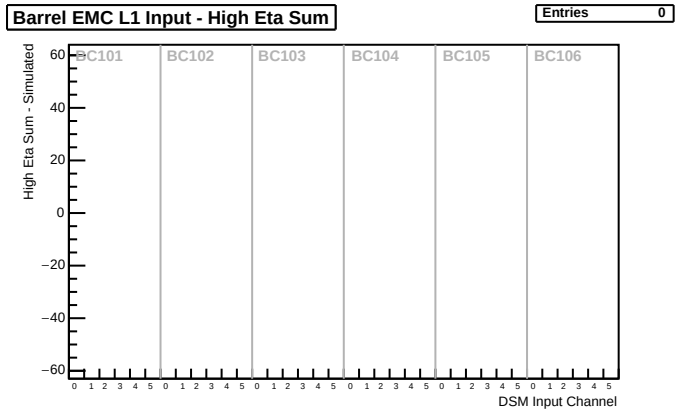

Endcap EMC L0 Input - High Tower
Entries 4.321089e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

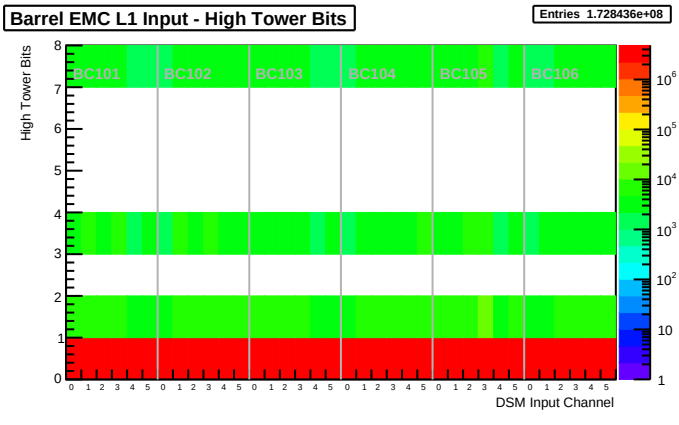

Endcap EMC L0 Input - Patch Sum
Entries 4.321089e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

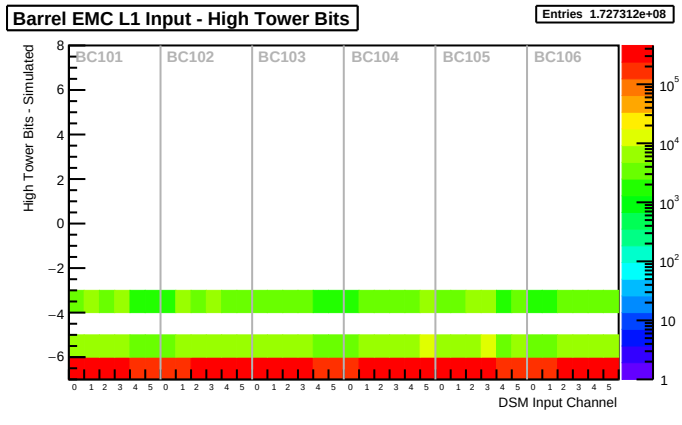

Barrel EMC L1 Input - Low Eta Sum
Entries 1.728436e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

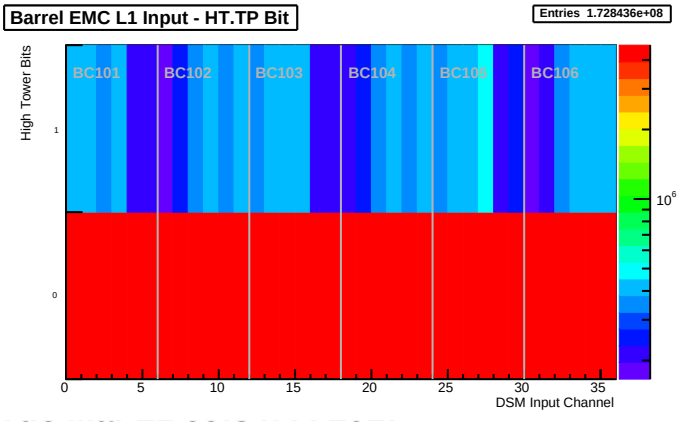

Barrel EMC L1 Input - Low Eta Sum
Entries 1428
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

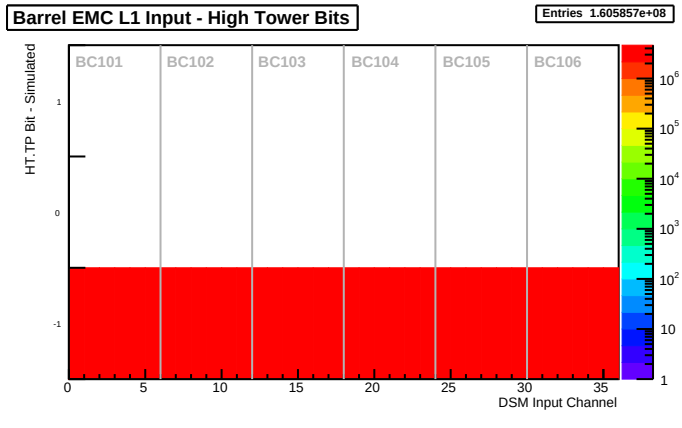

Barrel EMC L1 Input - High Eta Sum
Entries 1.728436e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

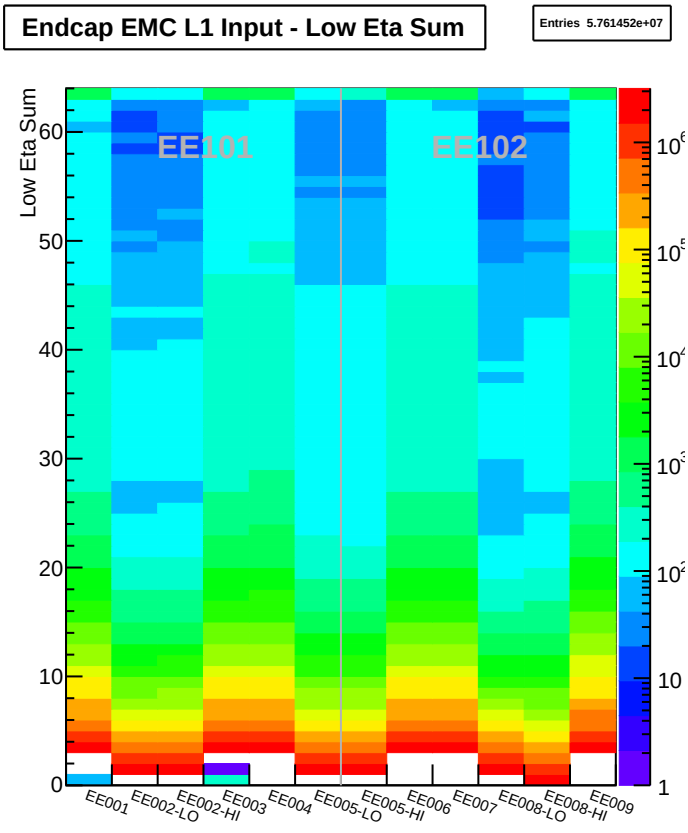

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

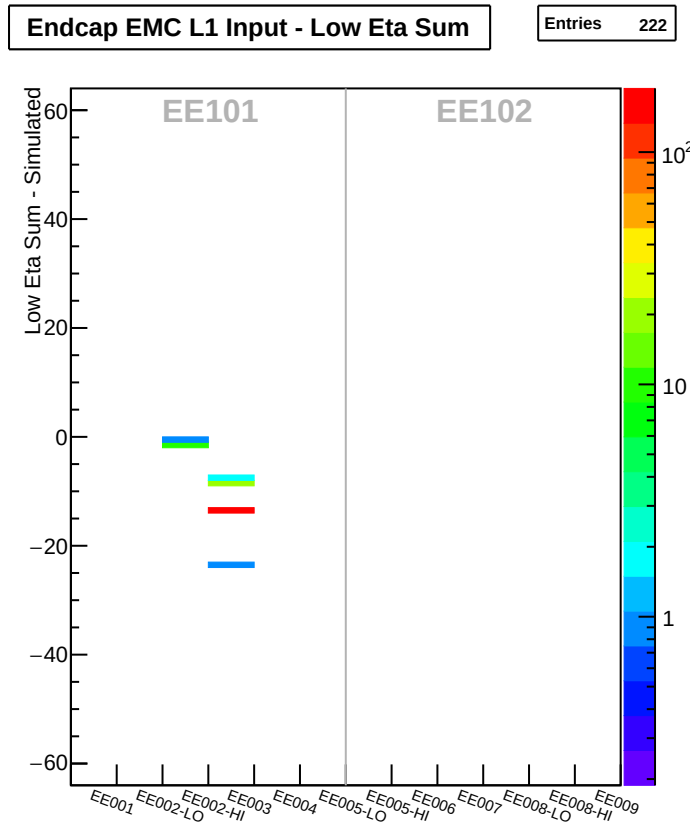

Barrel EMC L1 Input - High Tower Bits
Entries 1.728436e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

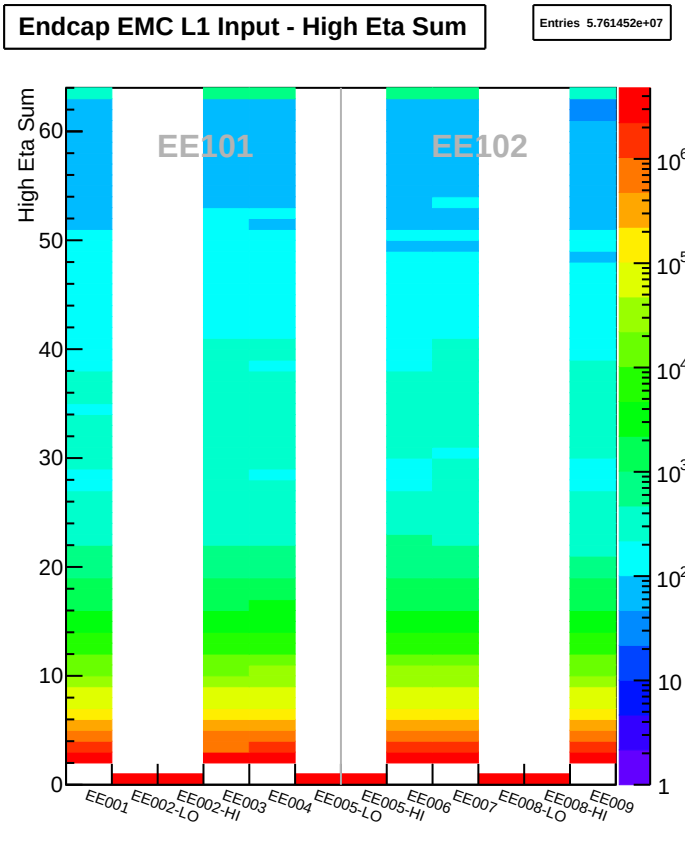

Barrel EMC L1 Input - High Tower Bits
Entries 1.727312e+08
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

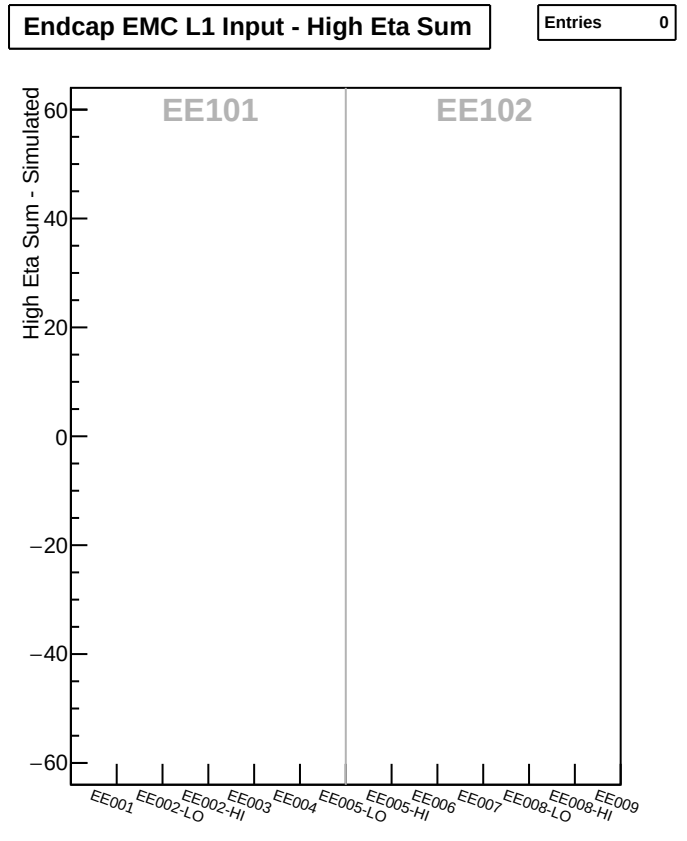

Barrel EMC L1 Input - HT.TP Bit
Entries 1.728436e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

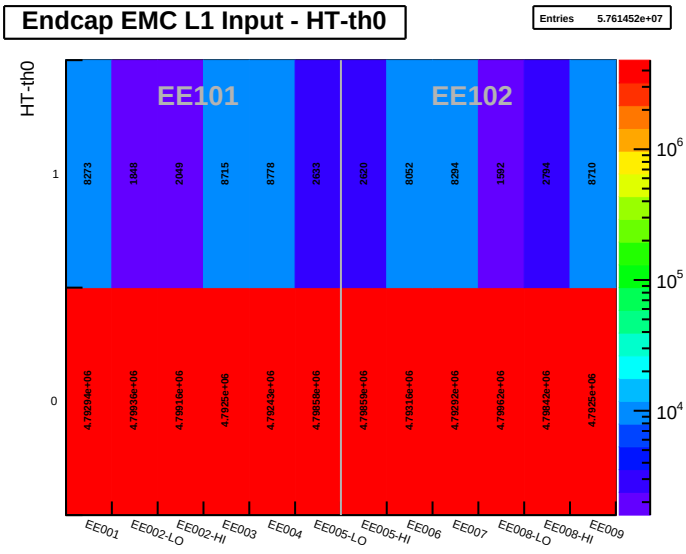

Barrel EMC L1 Input - High Tower Bits
Entries 1.605857e+08
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

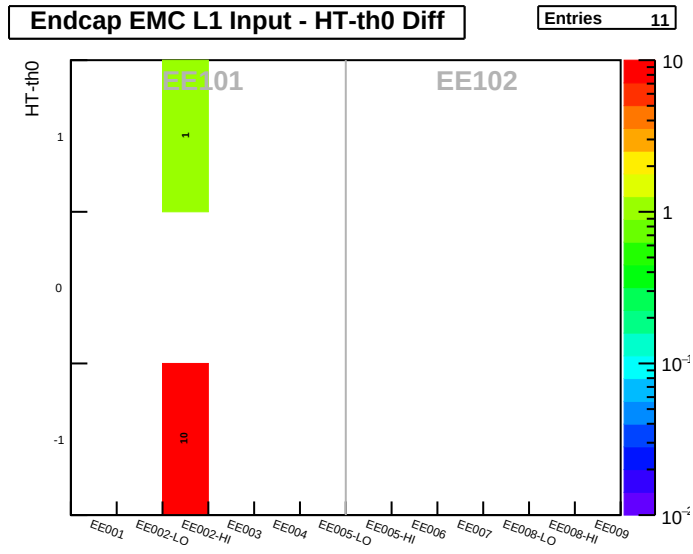

Endcap EMC L1 Input - Low Eta Sum
Entries 5.761452e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

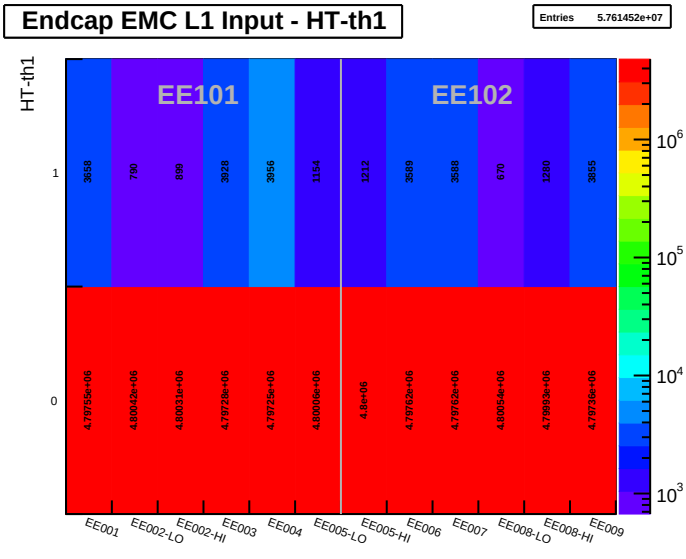

Endcap EMC L1 Input - Low Eta Sum
Entries 222
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

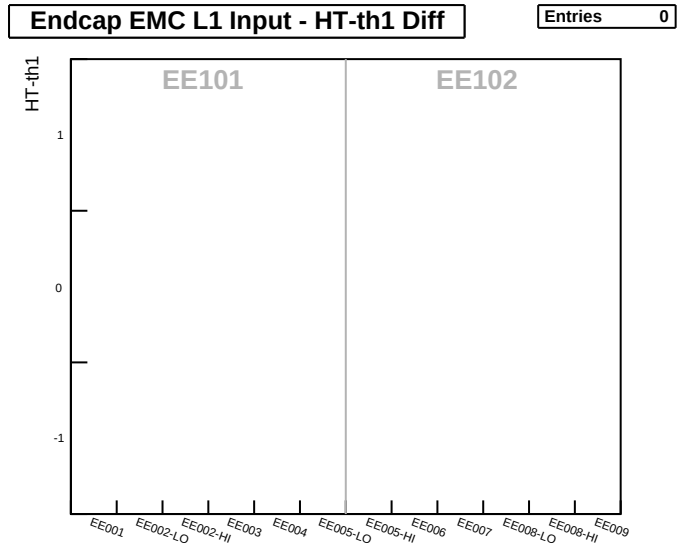

Endcap EMC L1 Input - High Eta Sum
Entries 5.761452e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

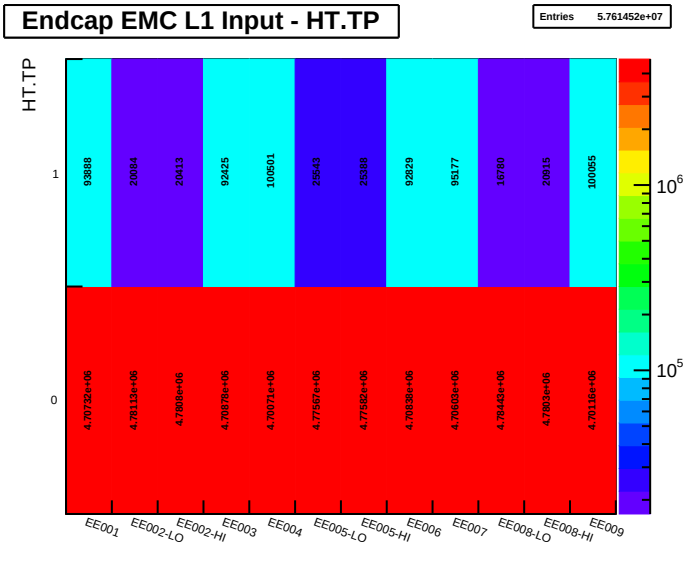

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

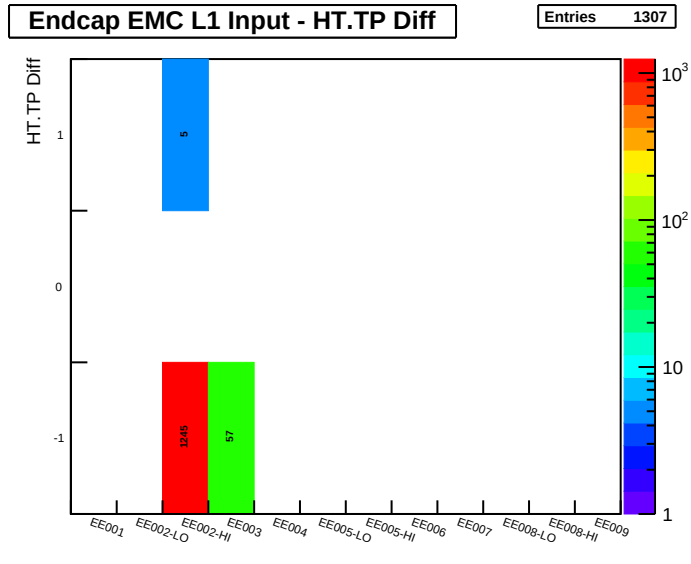

Endcap EMC L1 Input - HT-th0
Entries 5.761452e+07
HT-th0
EE101
EE102
1
0
8273 1948 2049 8715 8778 2633 2620 8052 8294 1592 2794 8710
4.79294e+06 4.79936e+06 4.79916e+06 4.7925e+06 4.79243e+06 4.79858e+06 4.79859e+06 4.79316e+06 4.79292e+06 4.79962e+06 4.79842e+06 4.7925e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

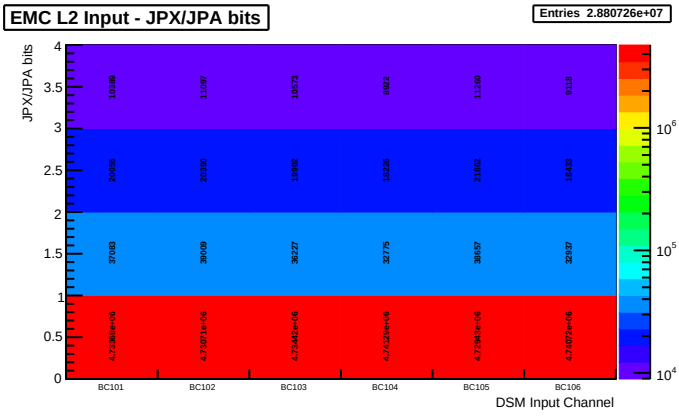

Endcap EMC L1 Input - HT-th0 Diff
Entries 11
HT-th0
EE101
EE102
1
0
-1
1
10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1

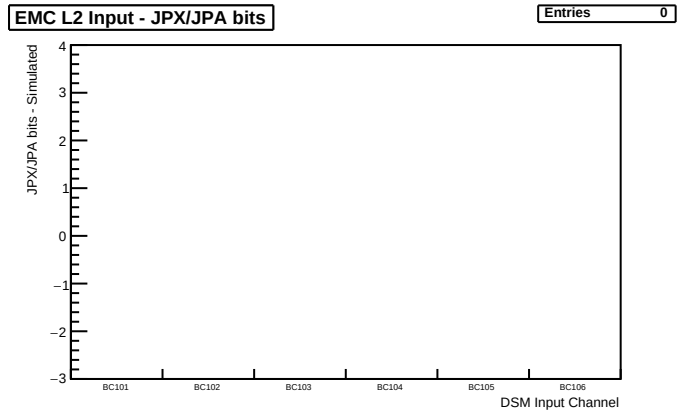

Endcap EMC L1 Input - HT-th1
Entries 5.761452e+07
HT-th1
EE101
EE102
1
0
3658 790 899 3928 3956 1154 1212 3589 3588 670 1280 3855
4.79755e+06 4.80042e+06 4.80031e+06 4.79728e+06 4.79725e+06 4.80006e+06 4.8e+06 4.79762e+06 4.79752e+06 4.80054e+06 4.79993e+06 4.79736e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

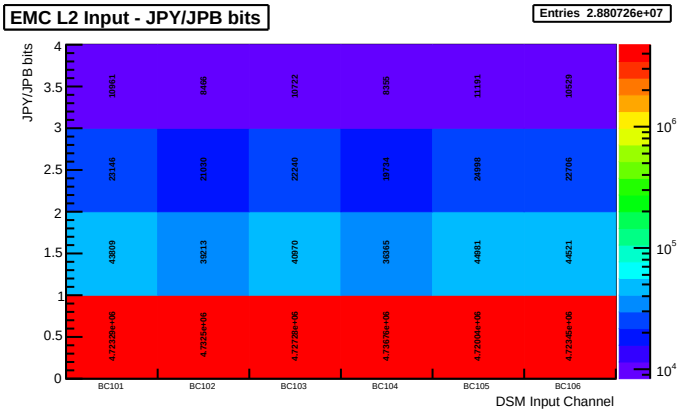

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

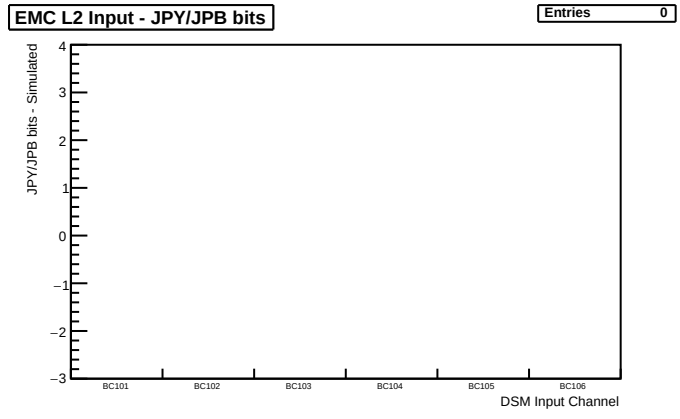

Endcap EMC L1 Input - HT.TP
Entries 5.761452e+07
HT.TP
1
0
93888 20084 20413 92425 100501 25543 25388 92829 95177 16780 20915 100055
4.70732e+06 4.78113e+05 4.7808e+06 4.70878e+06 4.70071e+06 4.77567e+06 4.77582e+06 4.70838e+06 4.70603e+05 4.78443e+06 4.7803e+06 4.70116e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5

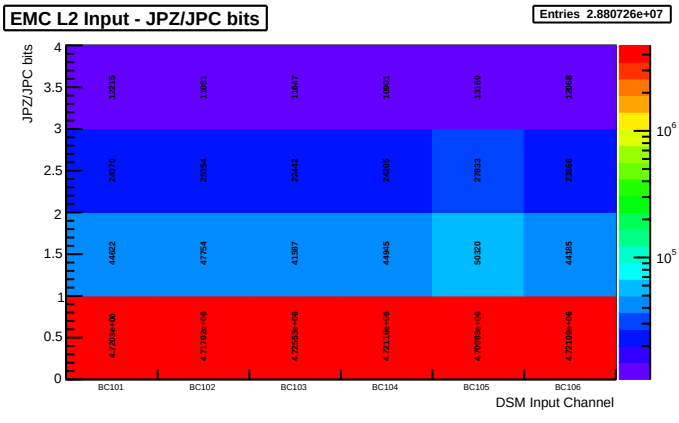

Endcap EMC L1 Input - HT.TP Diff
Entries 1307
HT.TP Diff
1
0
-1
5
1245
57
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^3
10^2
10
1

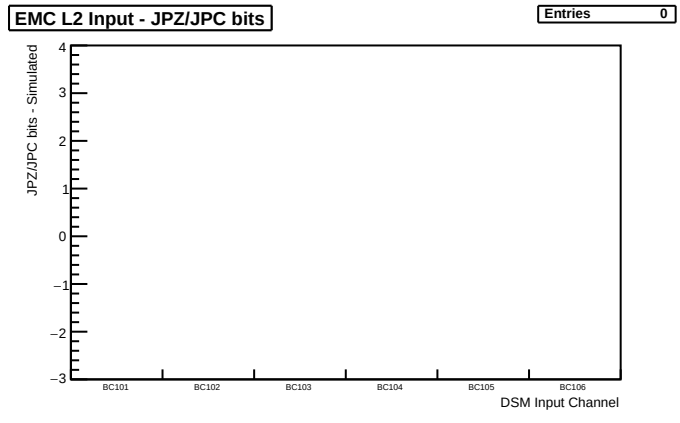

EMC L2 Input - JPX/JPA bits
Entries 2.880726e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

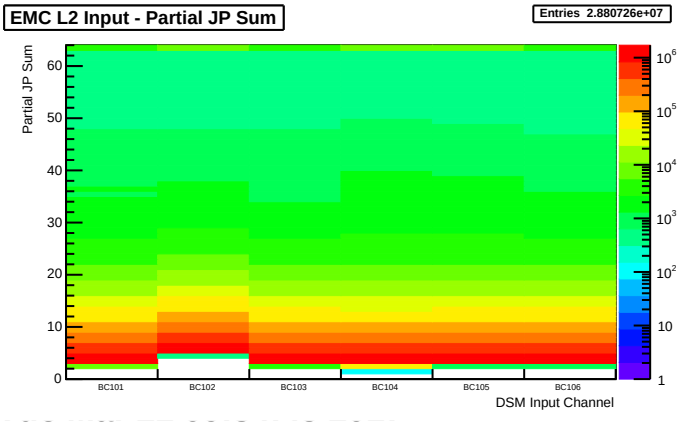

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

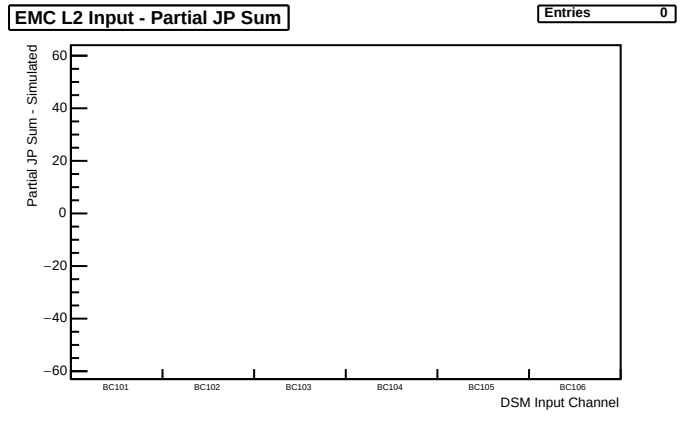

EMC L2 Input - JPY/JPB bits
Entries 2.880726e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

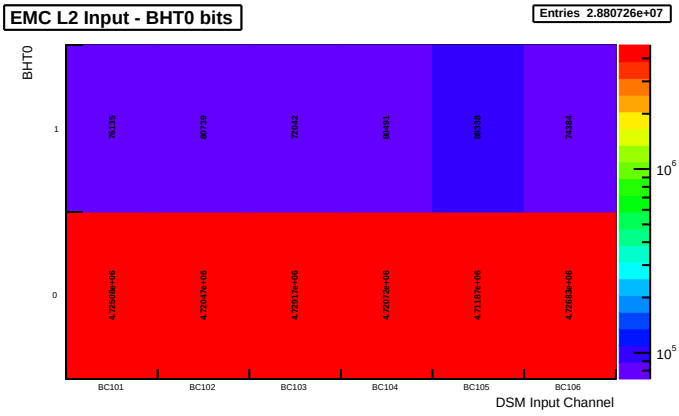

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

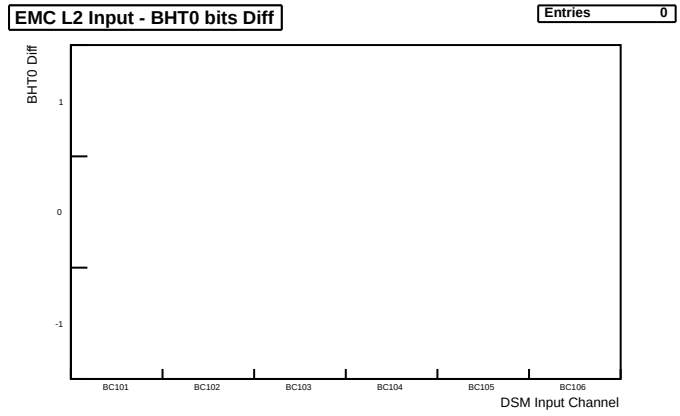

EMC L2 Input - JPZ/JPC bits
Entries 2.880726e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

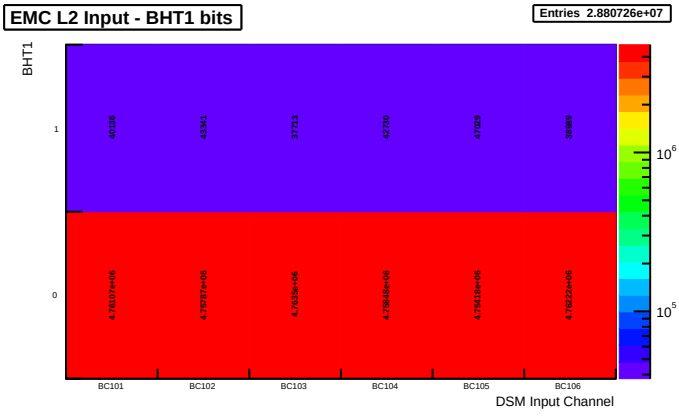

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

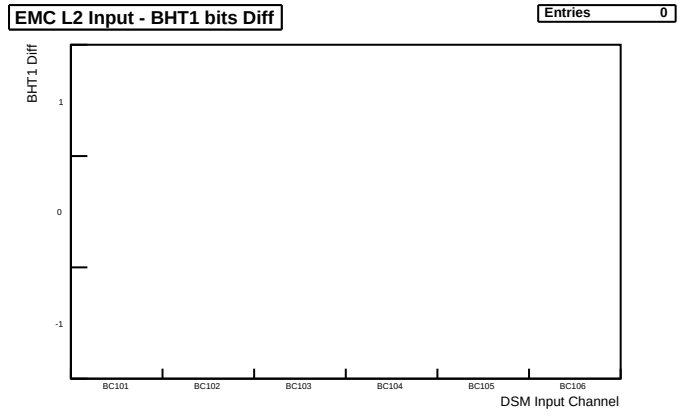

EMC L2 Input - Partial JP Sum
Entries 2.880726e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

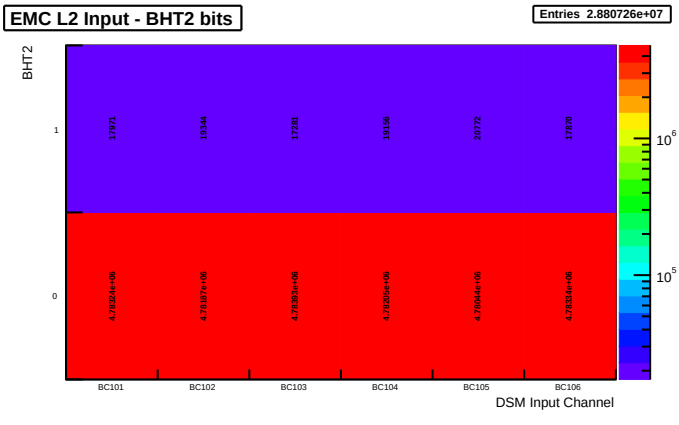

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

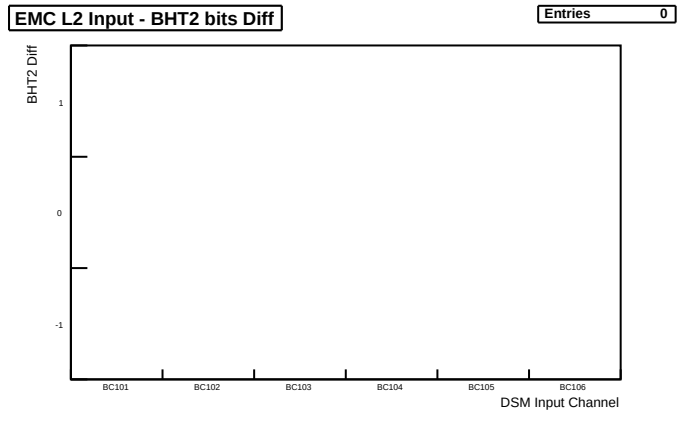

EMC L2 Input - BHT0 bits
Entries 2.880726e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

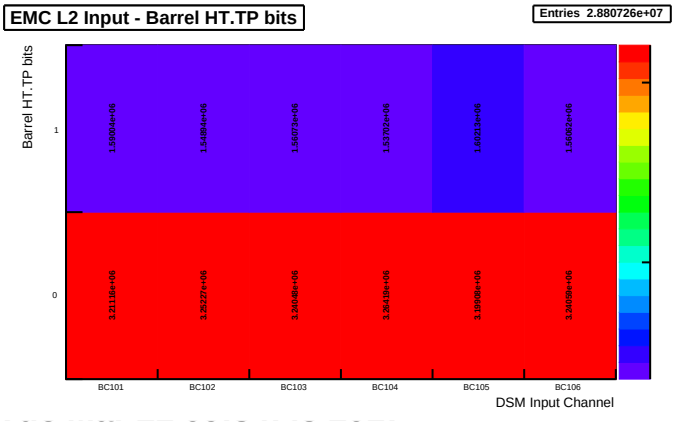

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

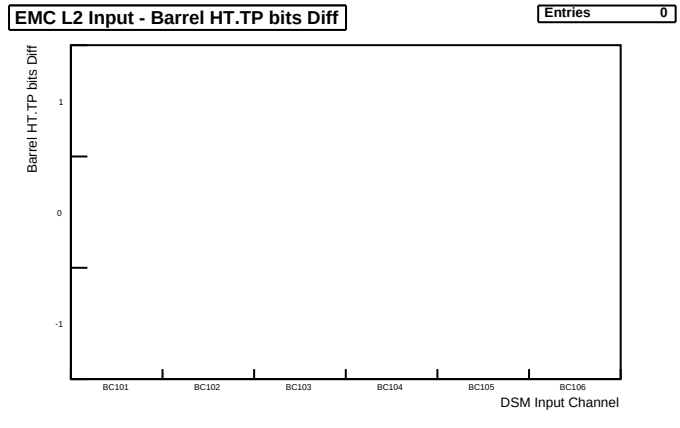

EMC L2 Input - BHT1 bits
Entries 2.880726e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

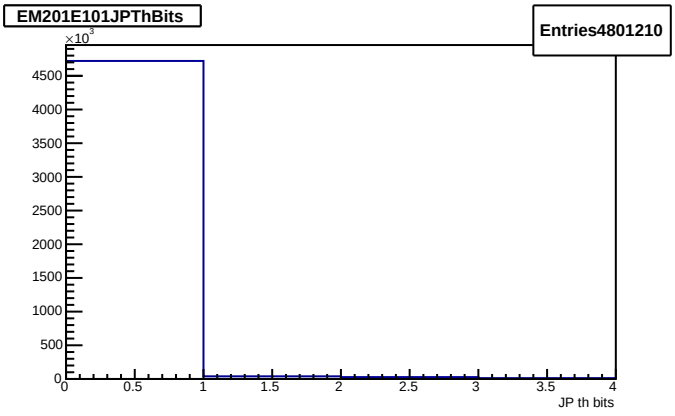

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

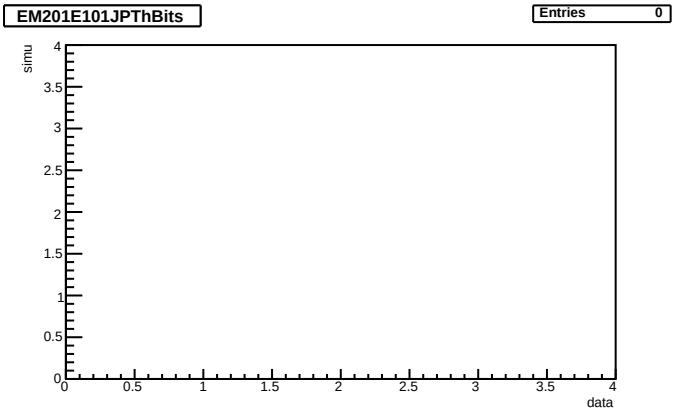

EMC L2 Input - BHT2 bits
Entries 2.880726e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

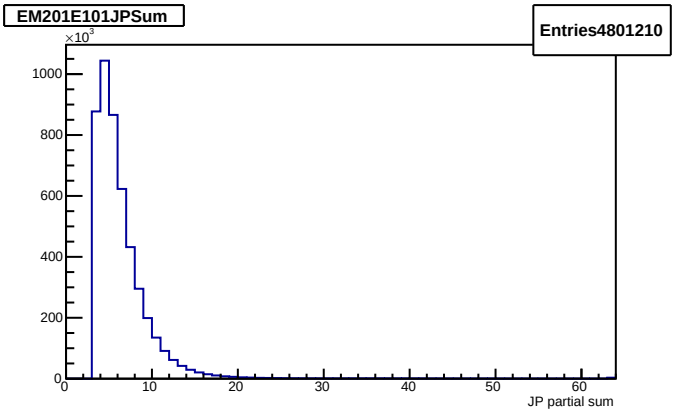

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

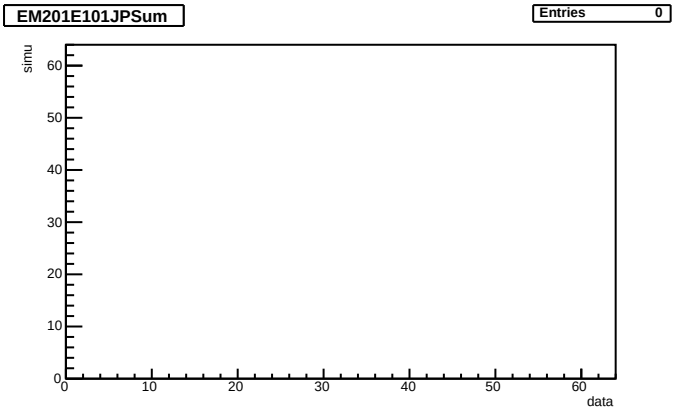

EMC L2 Input - Barrel HT.TP bits
Entries 2.880726e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

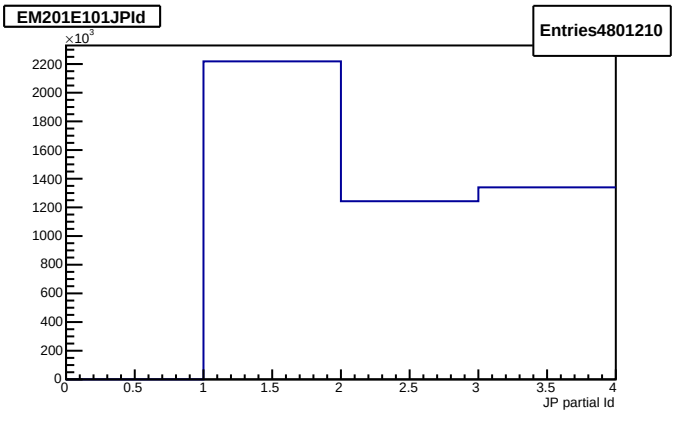

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

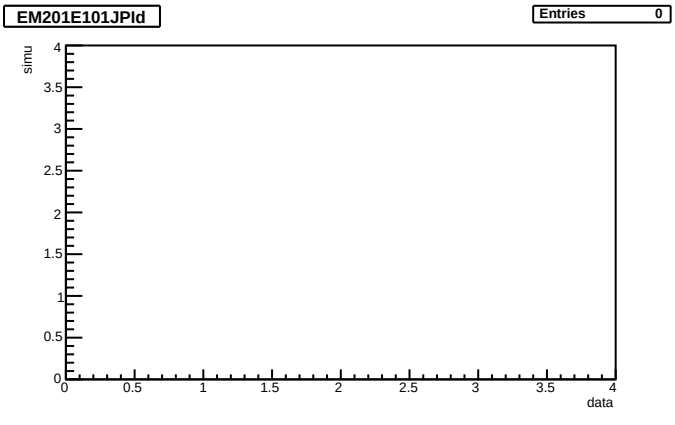

EM201E101JPThBits
Entries4801210
×10^3
JP th bits

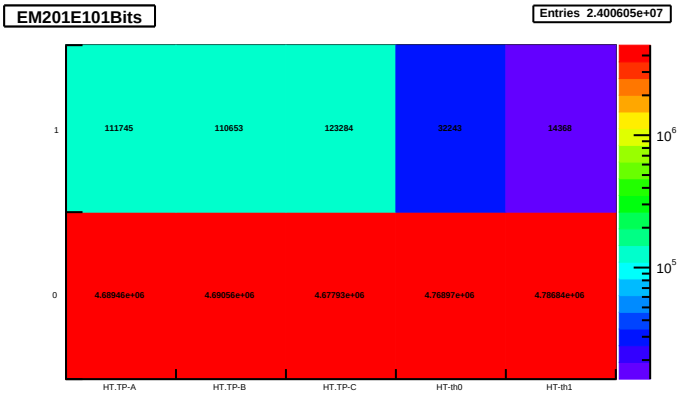

EM201E101JPThBits
Entries 0
simu
data

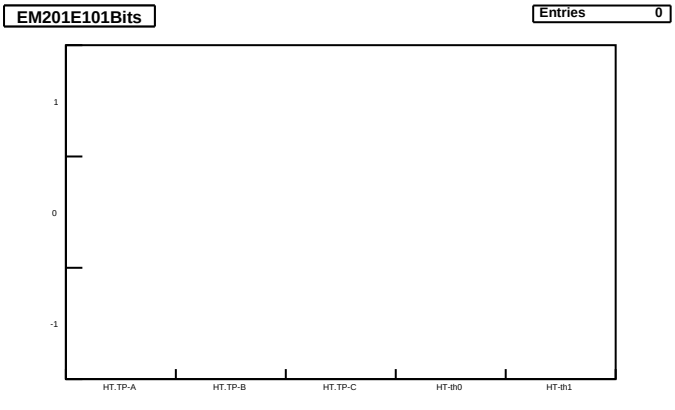

EM201E101JPSum
Entries4801210
×10^3
JP partial sum

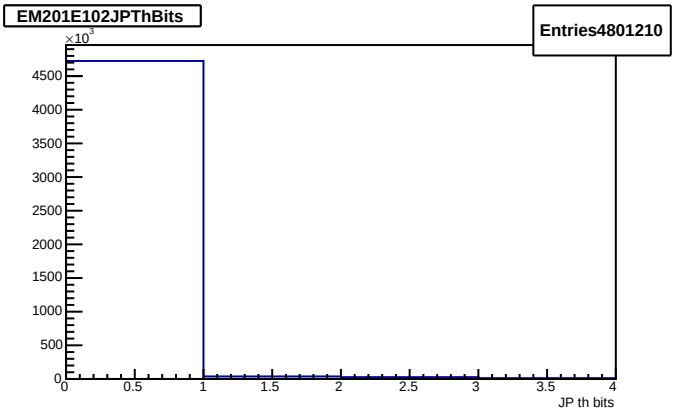

EM201E101JPSum
Entries 0
simu
data

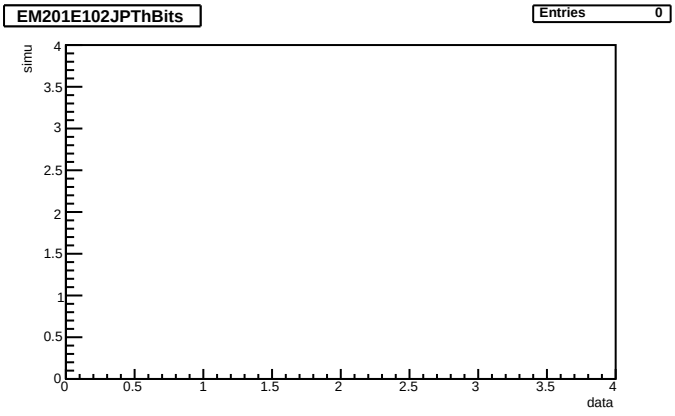

EM201E101JPId
Entries4801210
×10^3
JP partial Id

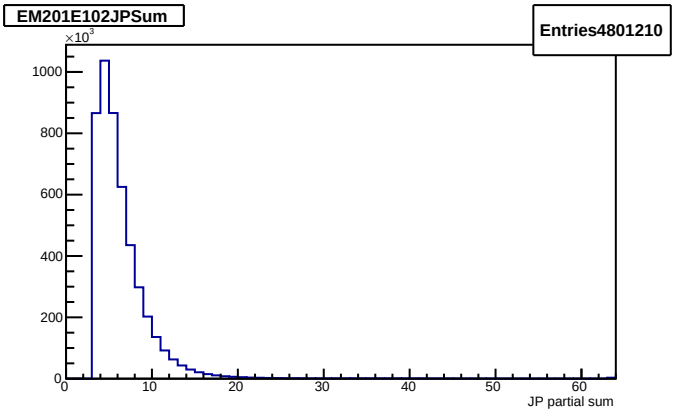

EM201E101JPId
Entries 0
simu
data

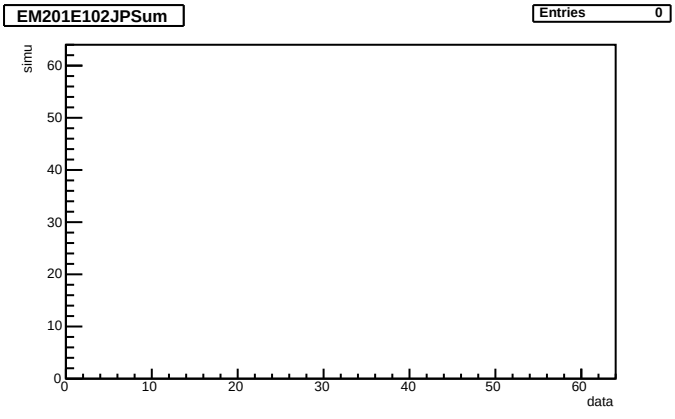

EM201E101Bits
Entries 2.400605e+07
111745
110653
123284
32243
14368
4.68946e+06
4.69056e+06
4.67793e+06
4.76897e+06
4.78684e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

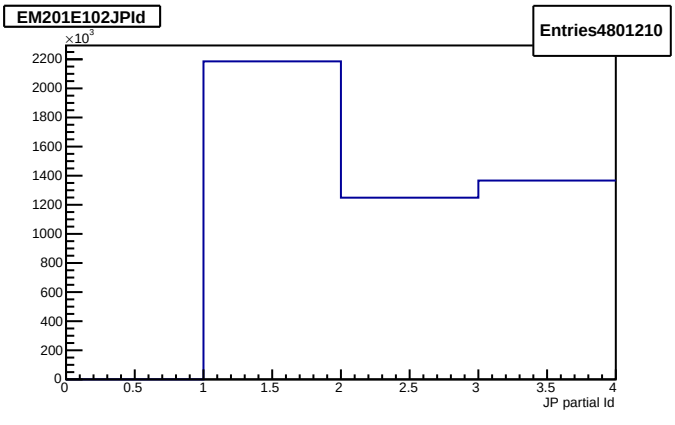

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

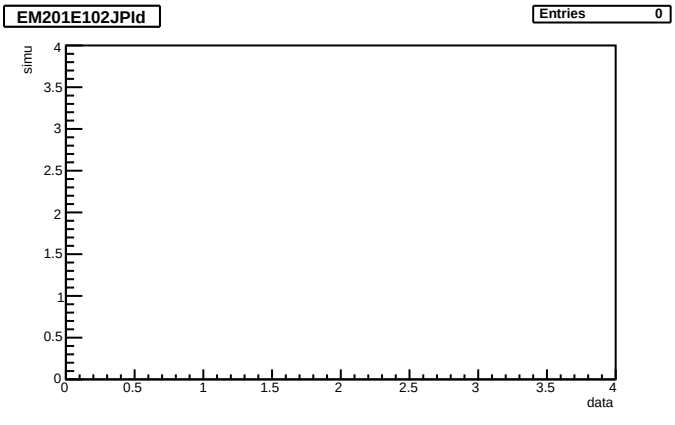

EM201E102JPThBits
Entries4801210
×10^3
JP th bits

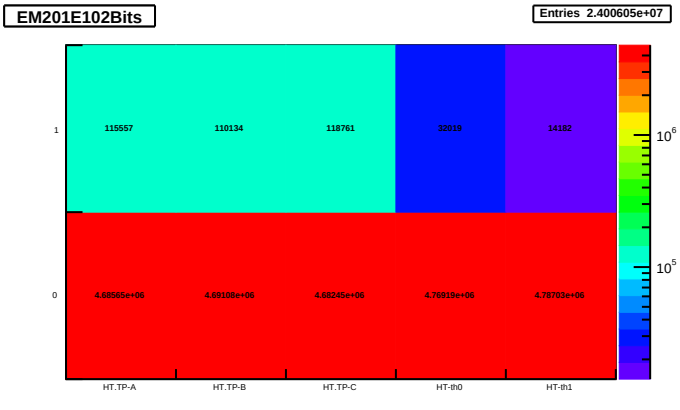

EM201E102JPThBits
Entries 0
simu
data

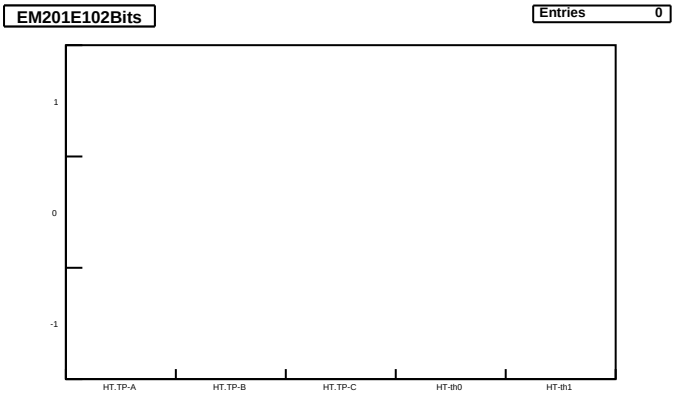

EM201E102JPSum
Entries4801210
×10^3
JP partial sum

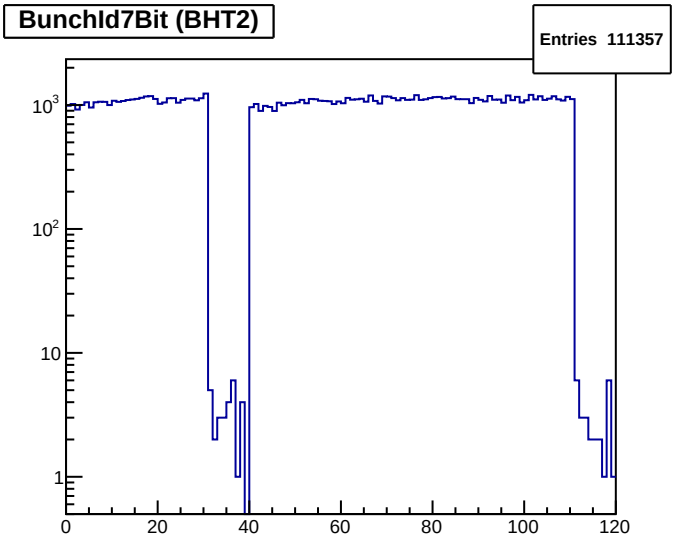

EM201E102JPSum
Entries 0
simu
data

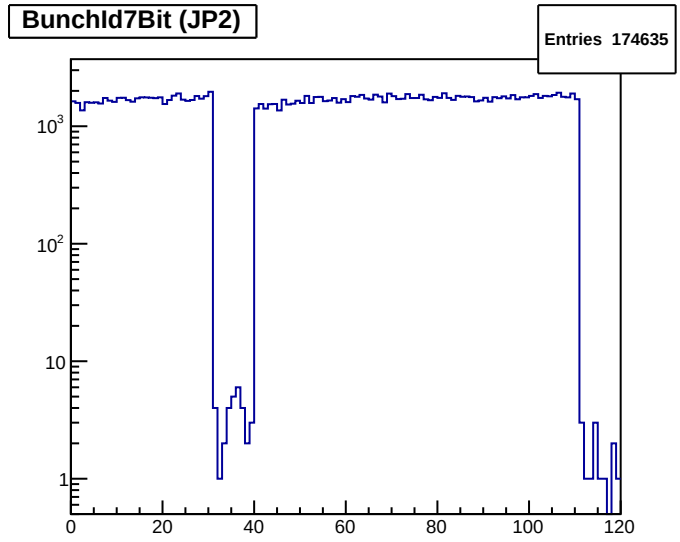

EM201E102JPId
Entries4801210
×10^3
JP partial Id

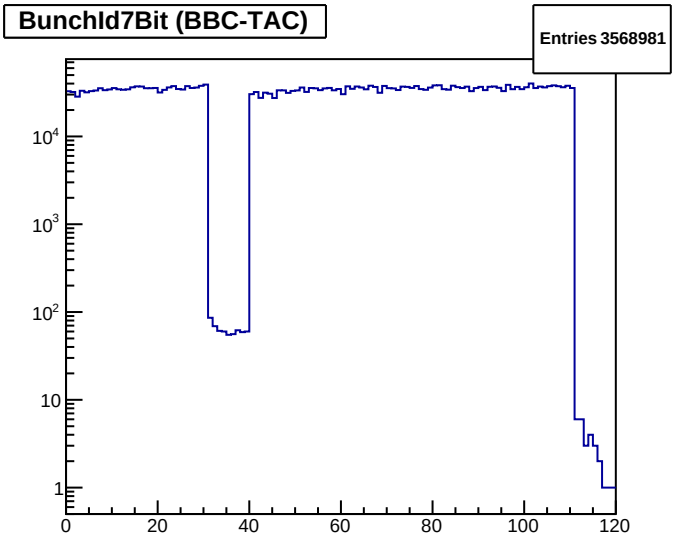

EM201E102JPId
Entries 0
simu
data

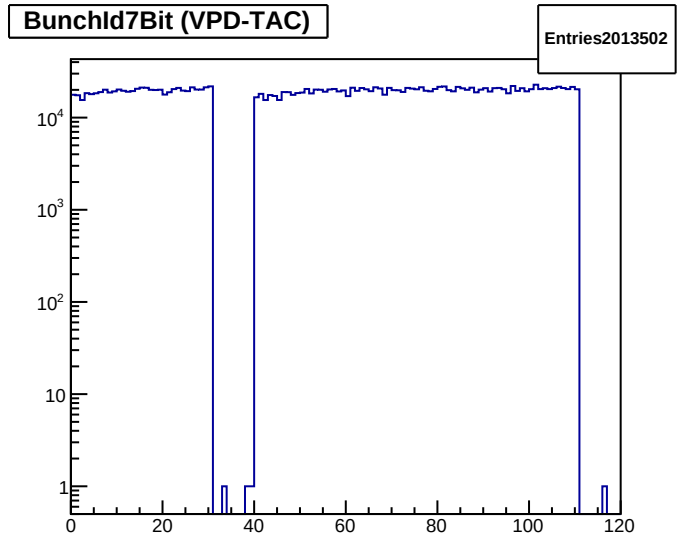

EM201E102Bits
Entries 2.400605e+07
115557
110134
118761
32019
14182
4.68565e+06
4.69108e+06
4.68245e+06
4.76919e+06
4.78703e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

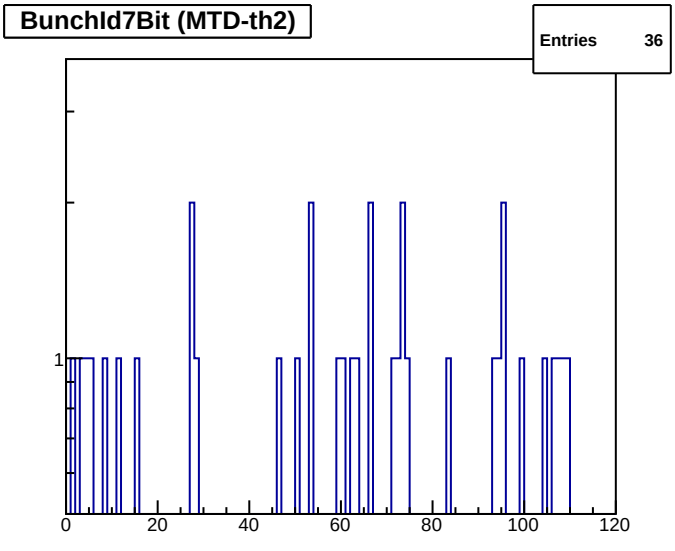

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

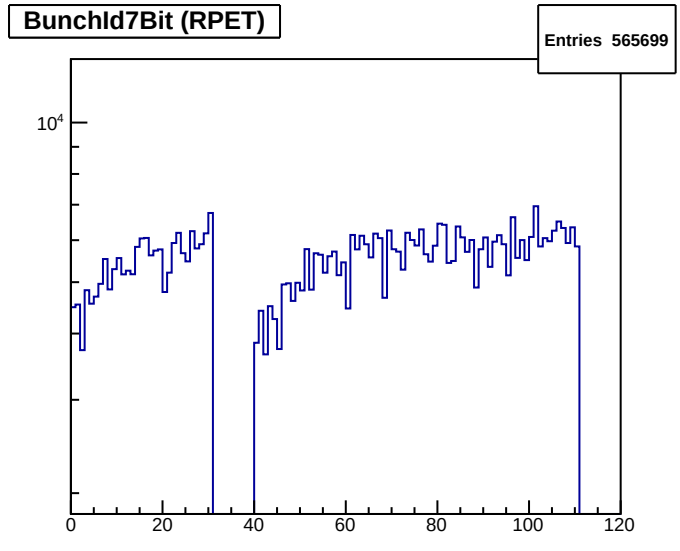

BunchId7Bit (BHT2)
Entries 111357
10^3
10^2
10
1
0
20
40
60
80
100
120

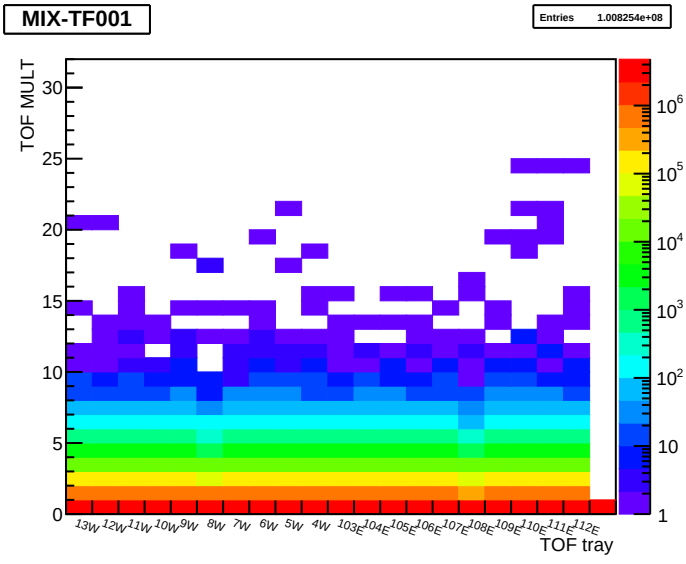

BunchId7Bit (JP2)
Entries 174635
10^3
10^2
10
1
0
20
40
60
80
100
120

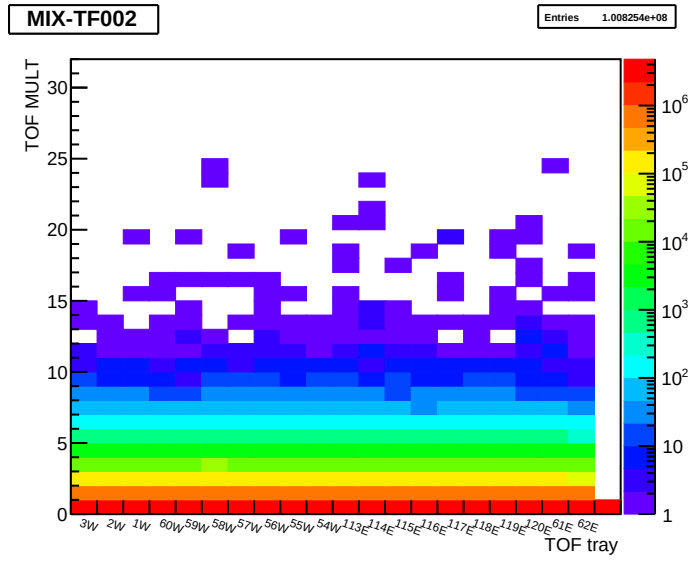

BunchId7Bit (BBC-TAC)
Entries 3568981
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

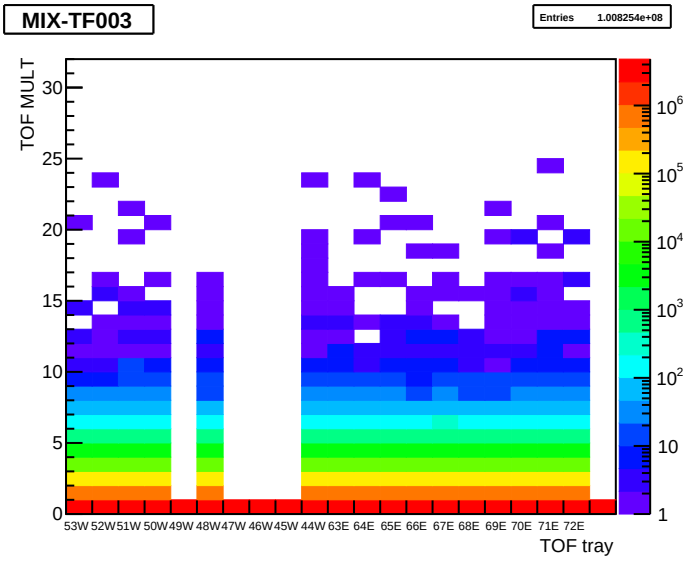

BunchId7Bit (VPD-TAC)
Entries2013502
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

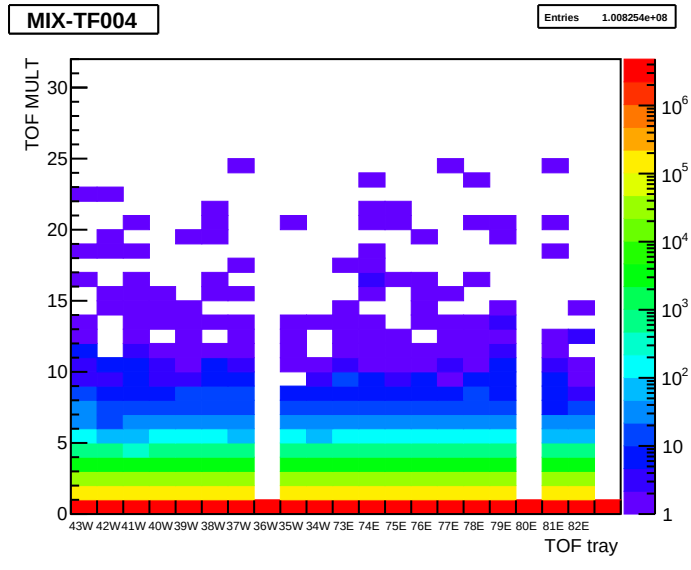

BunchId7Bit (MTD-th2)
Entries 36
1
0
20
40
60
80
100
120

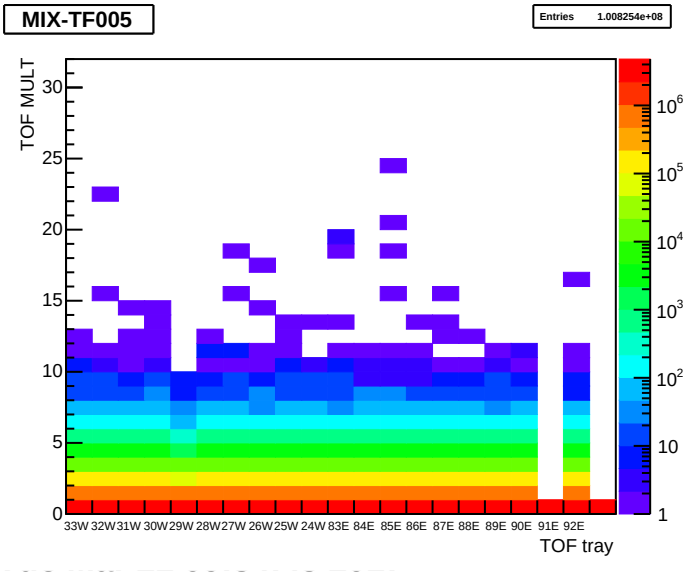

BunchId7Bit (RPET)
Entries 565699
10^4
0
20
40
60
80
100
120

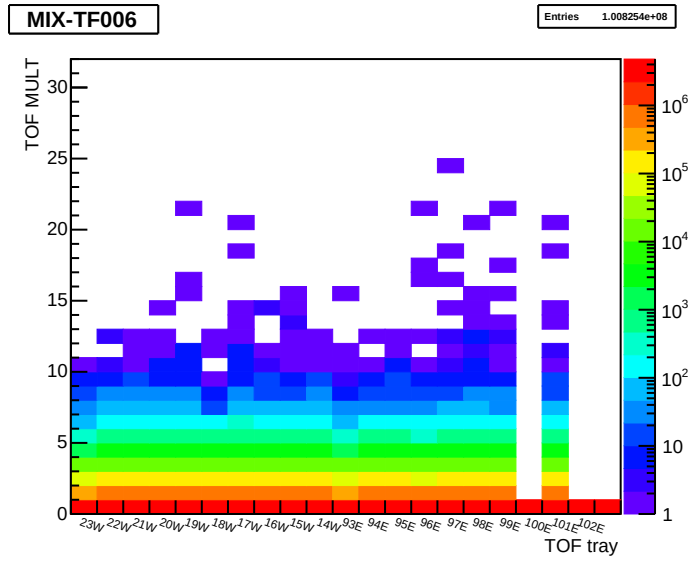

MIX-TF001
Entries 1.008254e+08
TOF MULT
TOF tray

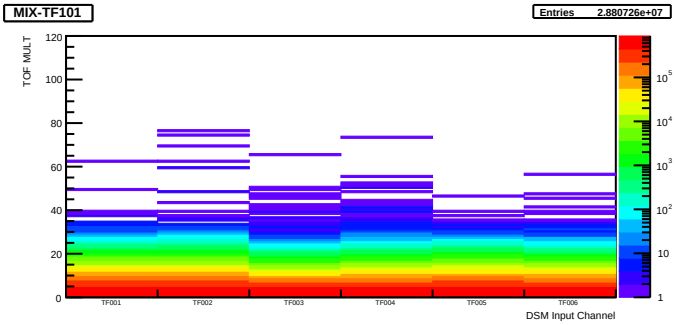

MIX-TF002
Entries 1.008254e+08
TOF MULT
TOF tray

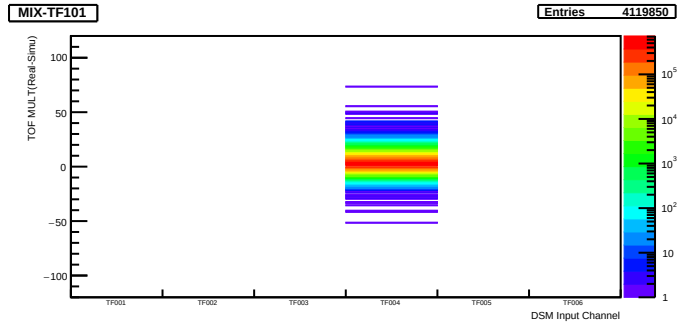

MIX-TF003
Entries 1.008254e+08
TOF MULT
TOF tray

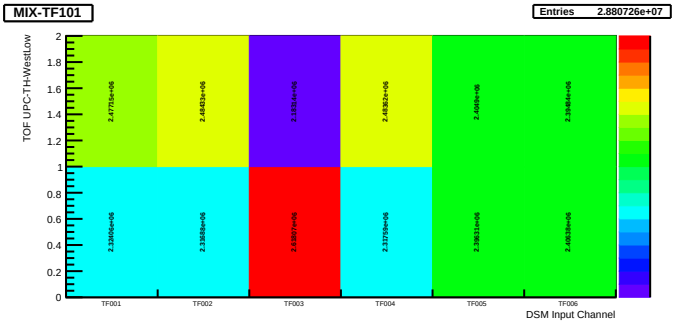

MIX-TF004
Entries 1.008254e+08
TOF MULT
TOF tray

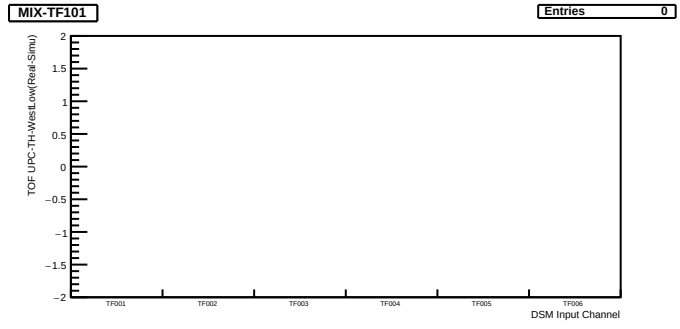

MIX-TF005
Entries 1.008254e+08
TOF MULT
TOF tray

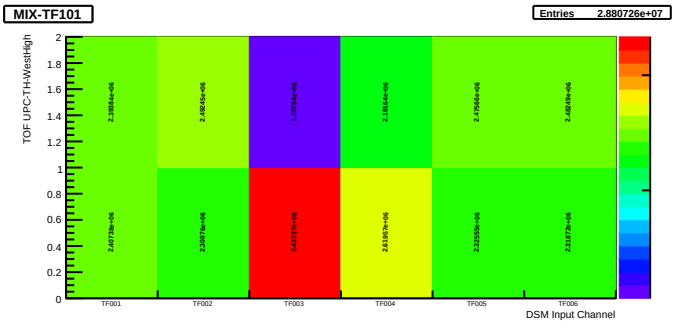

MIX-TF006
Entries 1.008254e+08
TOF MULT
TOF tray

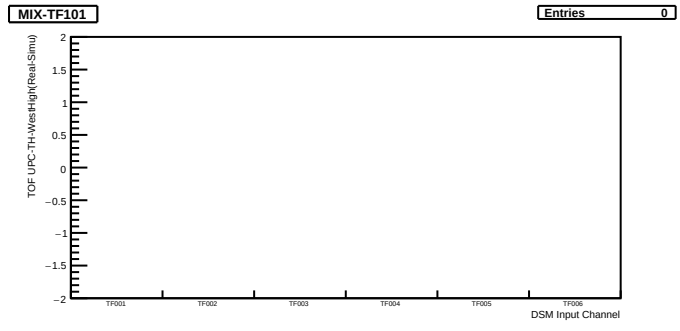

MIX-TF101
Entries 2.880726e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

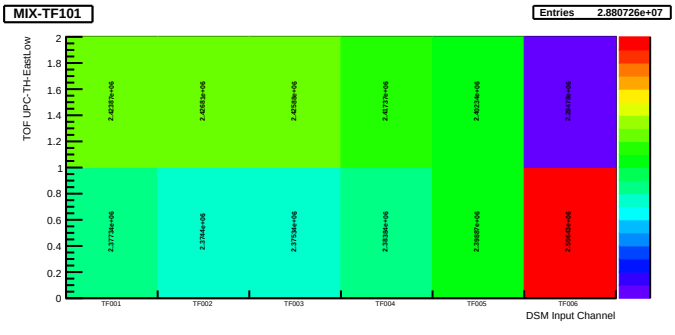

MIX-TF101
Entries 4119850
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

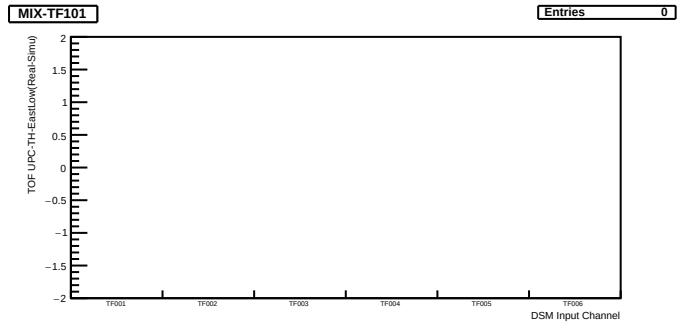

MIX-TF101
Entries 2.880726e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

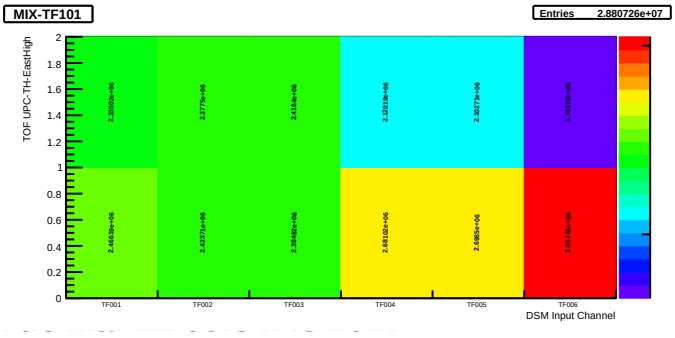

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

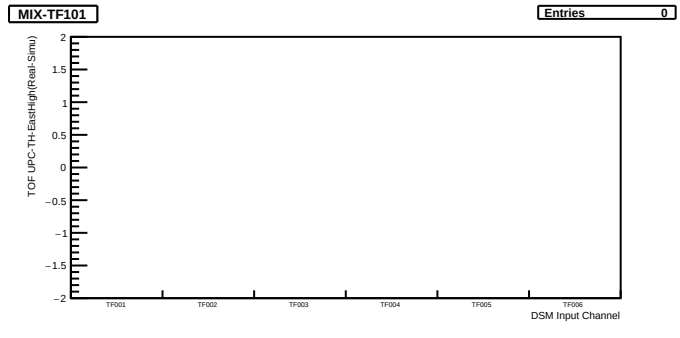

MIX-TF101
Entries 2.880726e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

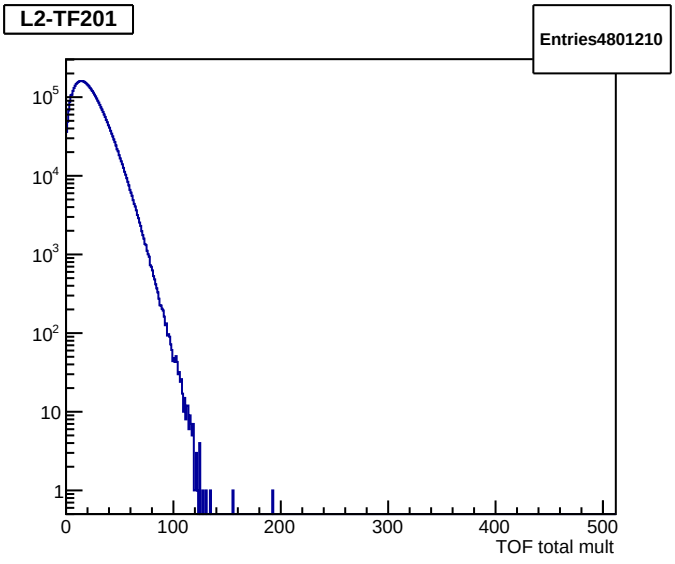

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

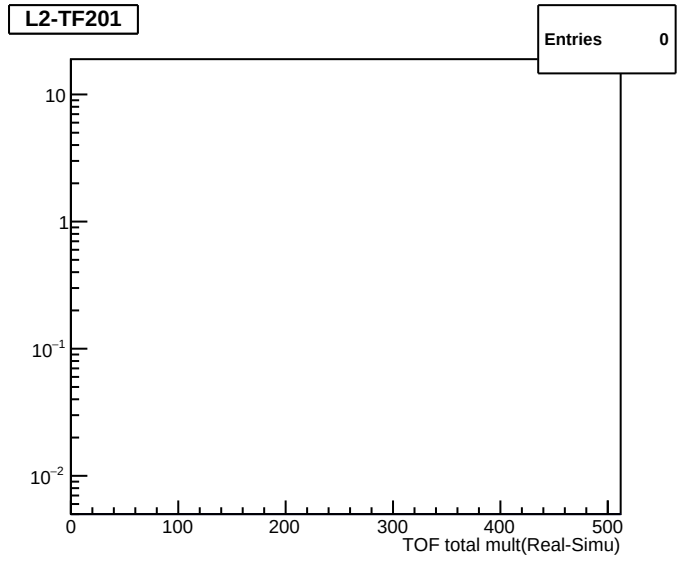

MIX-TF101
Entries 2.880726e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

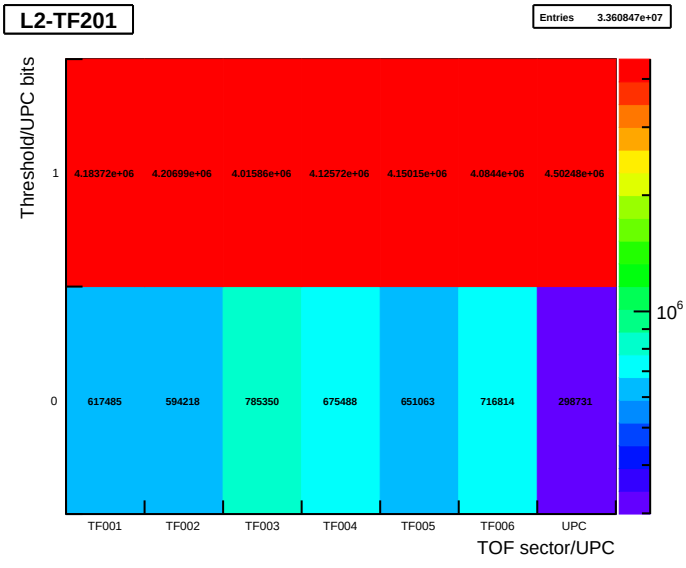

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

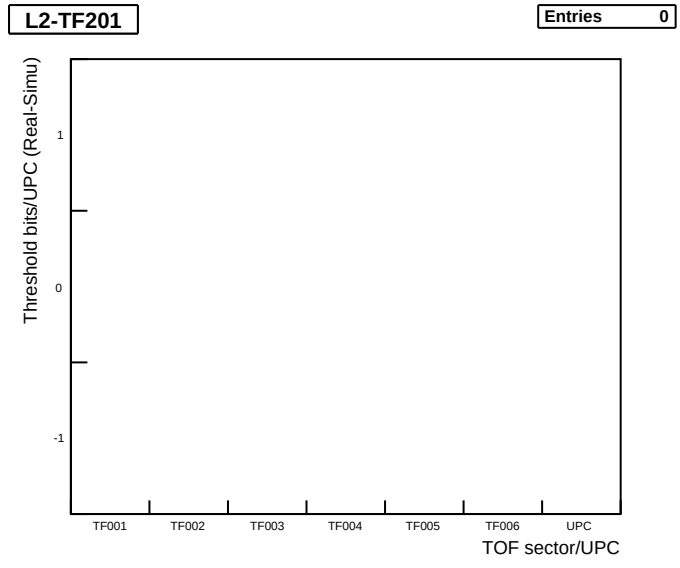

MIX-TF101
Entries 2.880726e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

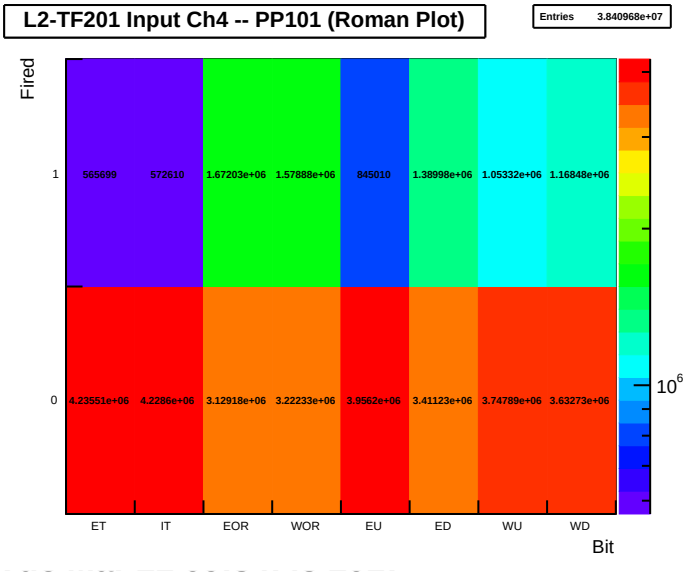

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

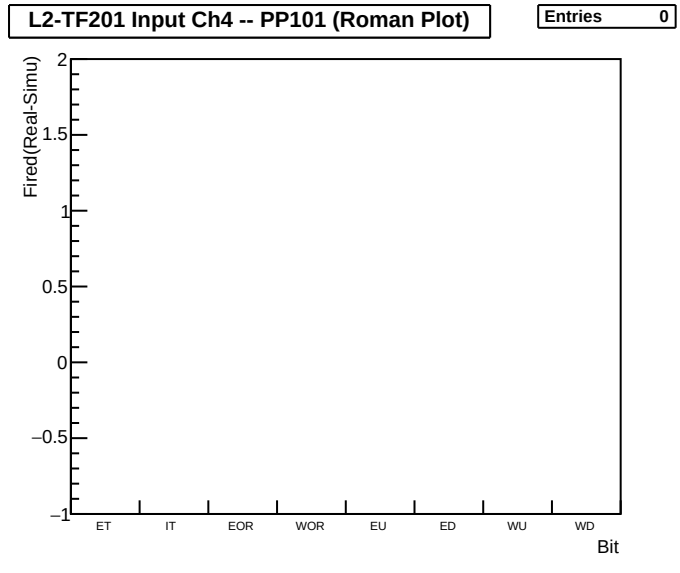

L2-TF201
Entries4801210
TOF total mult

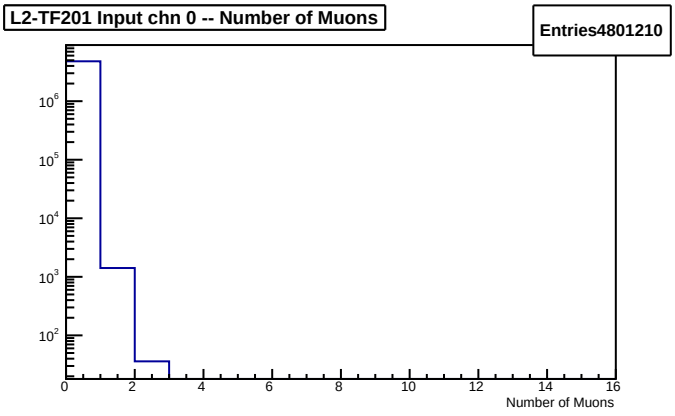

L2-TF201
Entries 0
TOF total mult(Real-Simu)

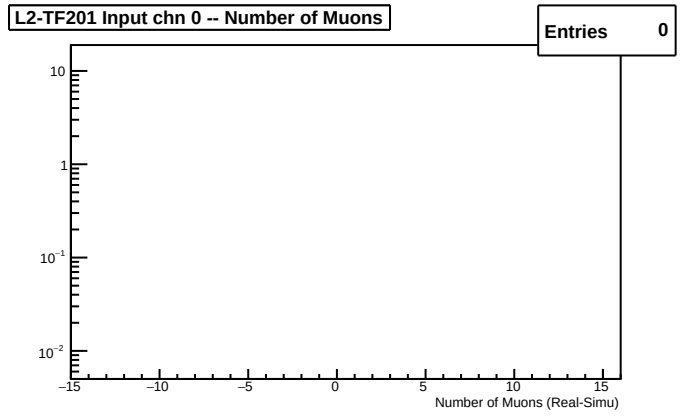

L2-TF201
Entries 3.360847e+07
Threshold/UPC bits
4.18372e+06
4.20699e+06
4.01586e+06
4.12572e+06
4.15015e+06
4.0844e+06
4.50248e+06
617485
594218
785350
675488
651063
716814
298731
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

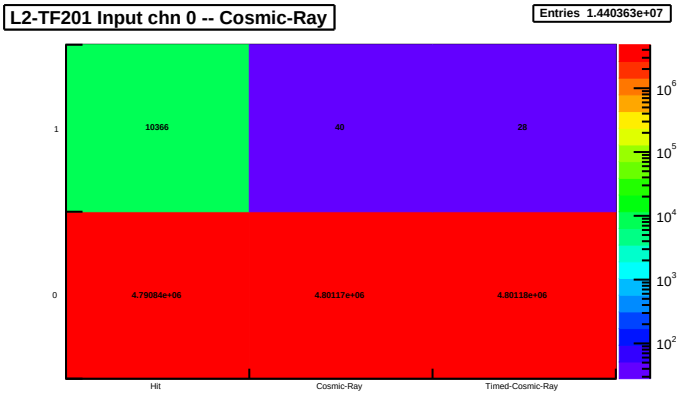

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

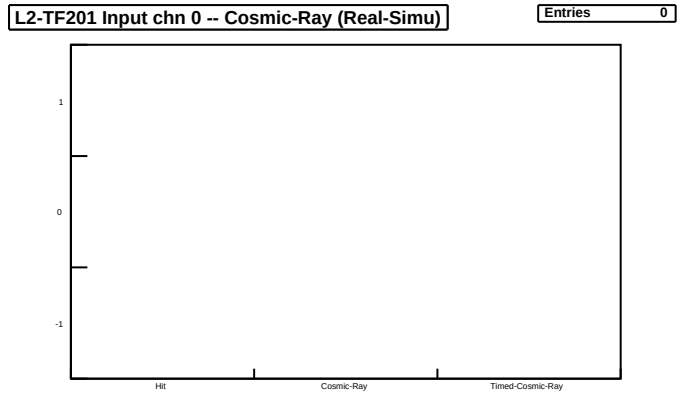

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.840968e+07
Fired
565699
572610
1.67203e+06
1.57888e+06
845010
1.38998e+06
1.05332e+06
1.16848e+06
4.23551e+06
4.2286e+06
3.12918e+06
3.22233e+06
3.9562e+06
3.41123e+06
3.74789e+06
3.63273e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

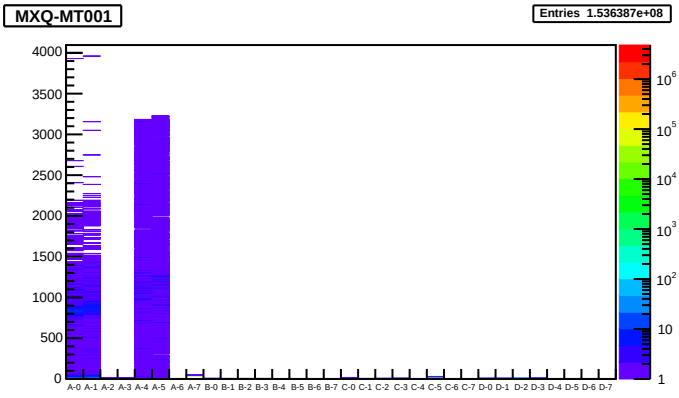

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

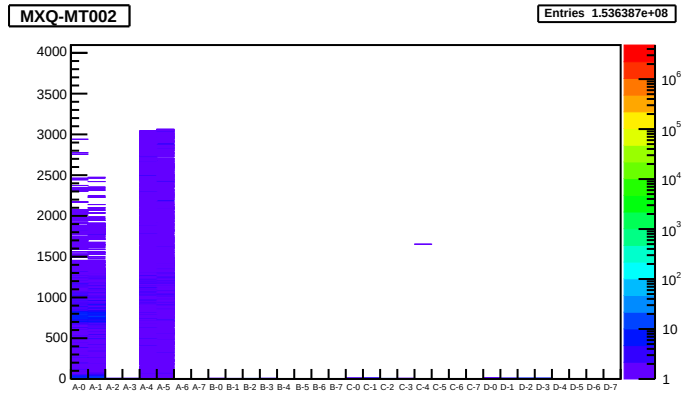

L2-TF201 Input chn 0 -- Number of Muons
Entries4801210
Number of Muons

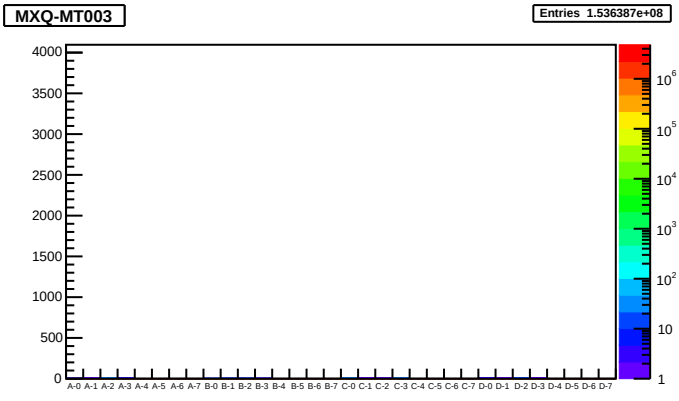

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

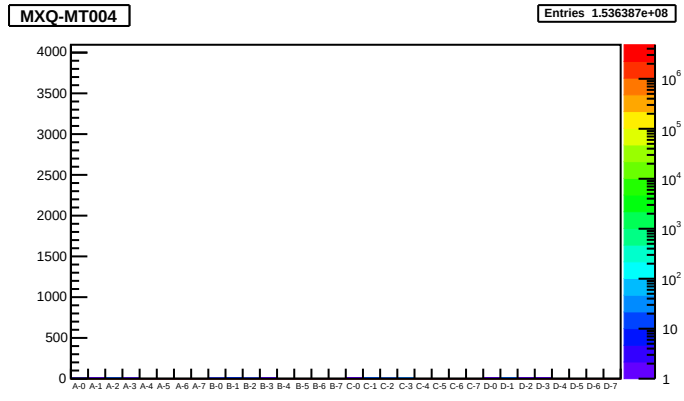

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.440363e+07
10366
40
28
4.79084e+06
4.80117e+06
4.80118e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

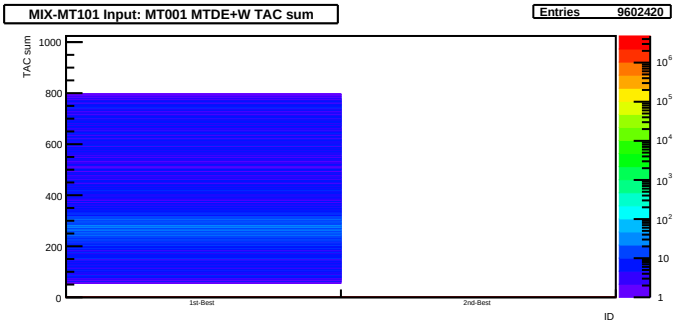

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

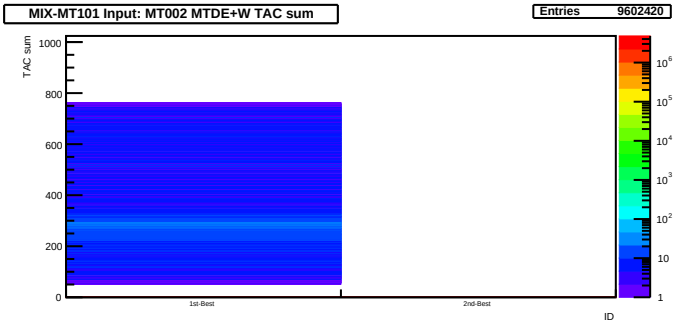

MXQ-MT001
Entries 1.536387e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

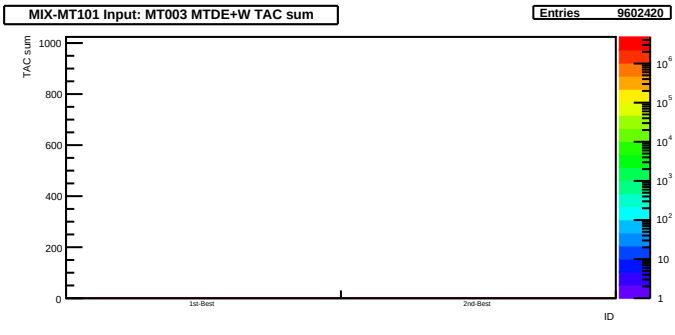

MXQ-MT002
Entries 1.536387e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

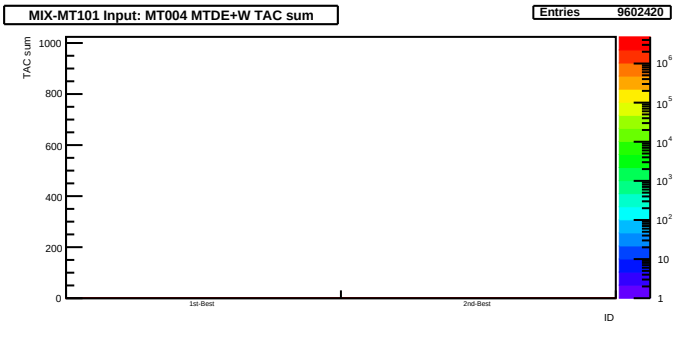

MXQ-MT003
Entries 1.536387e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

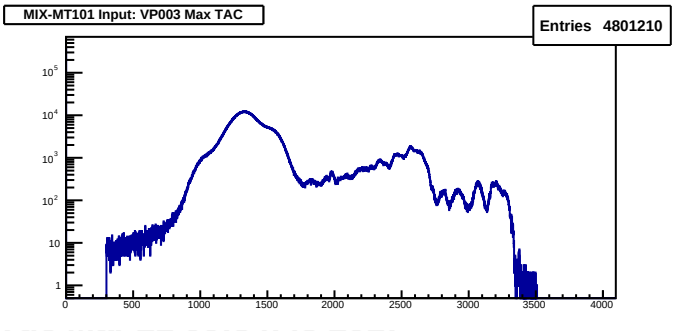

MXQ-MT004
Entries 1.536387e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

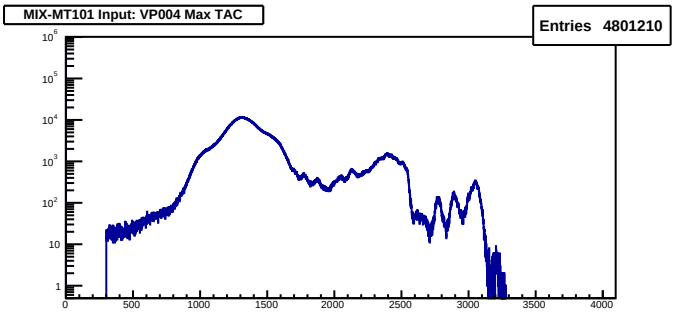

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9602420
TAC sum
1st-Best
2nd-Best
ID

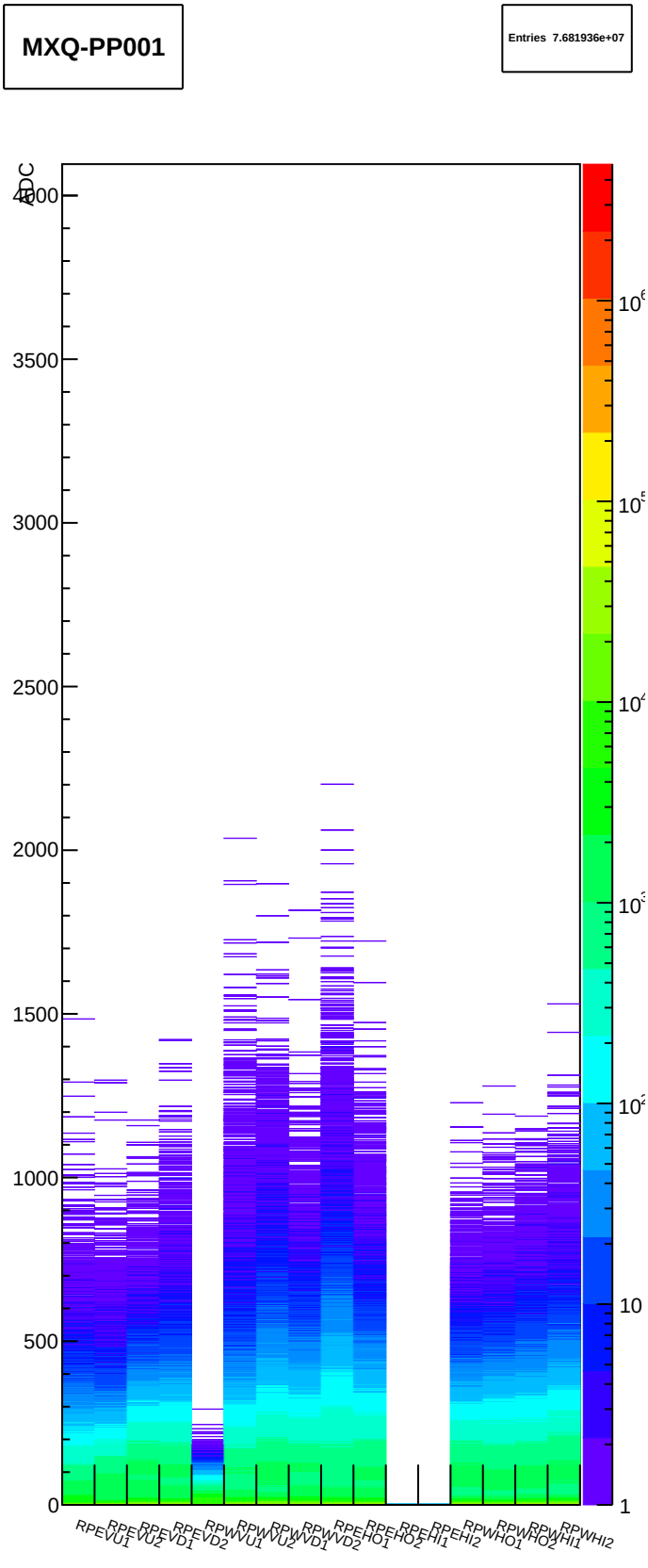

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9602420
TAC sum
1st-Best
2nd-Best
ID

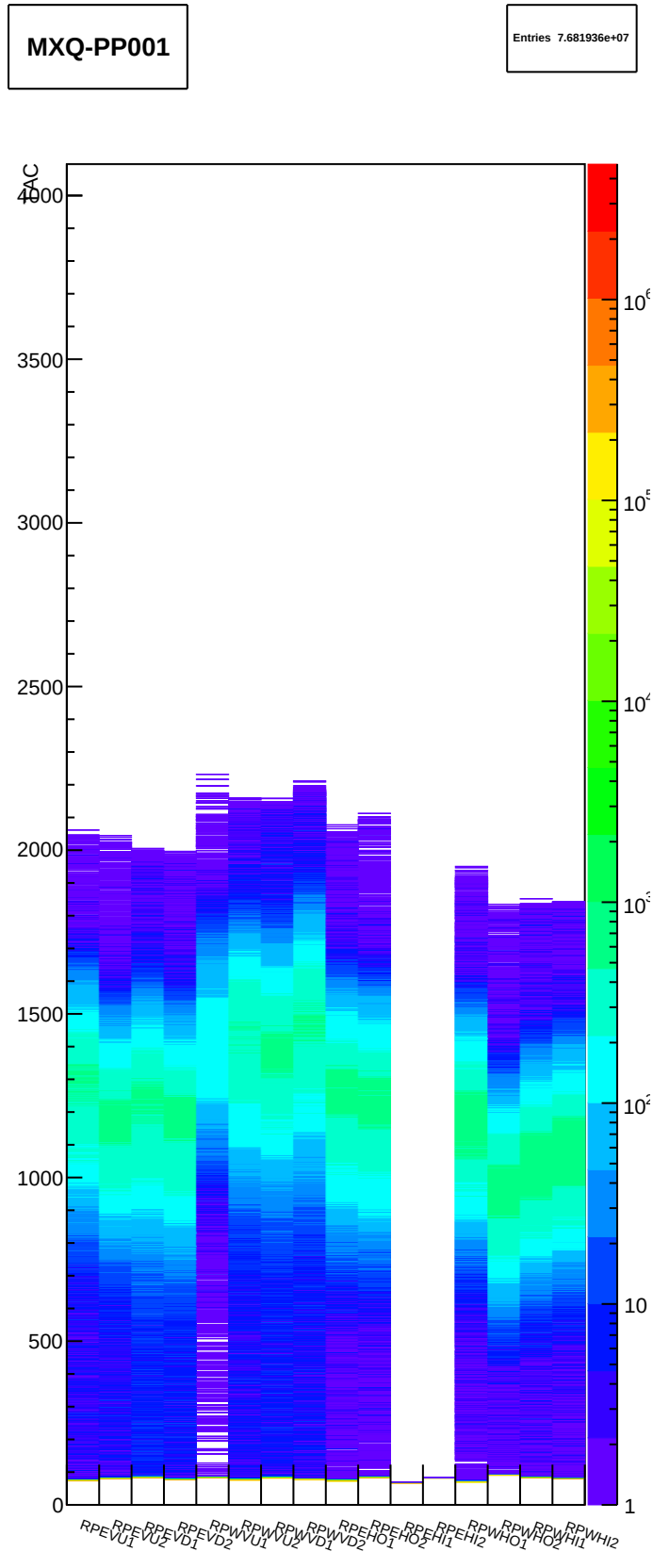

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9602420
TAC sum
1st-Best
2nd-Best
ID

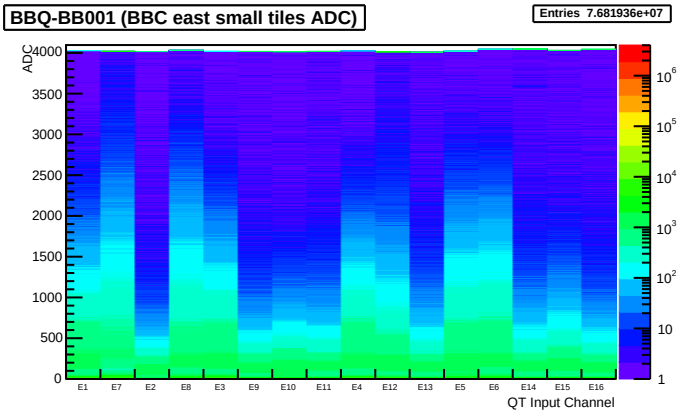

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9602420
TAC sum
1st-Best
2nd-Best
ID

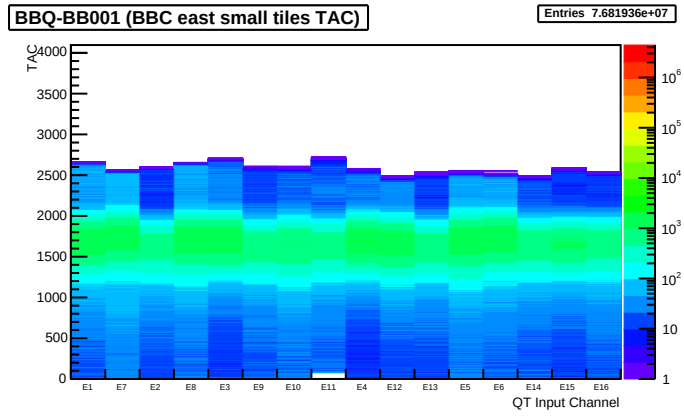

MIX-MT101 Input: VP003 Max TAC
Entries 4801210

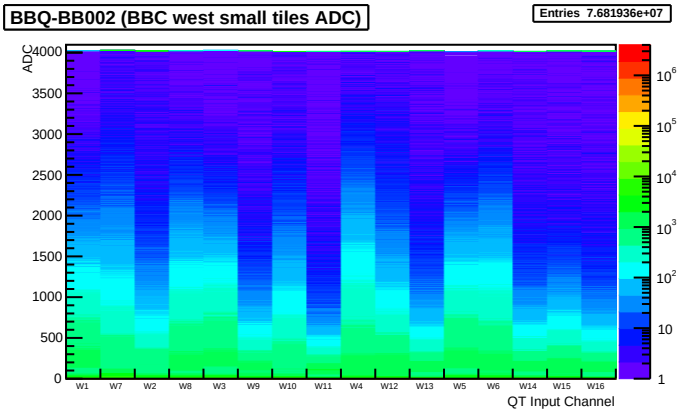

MIX-MT101 Input: VP004 Max TAC
Entries 4801210

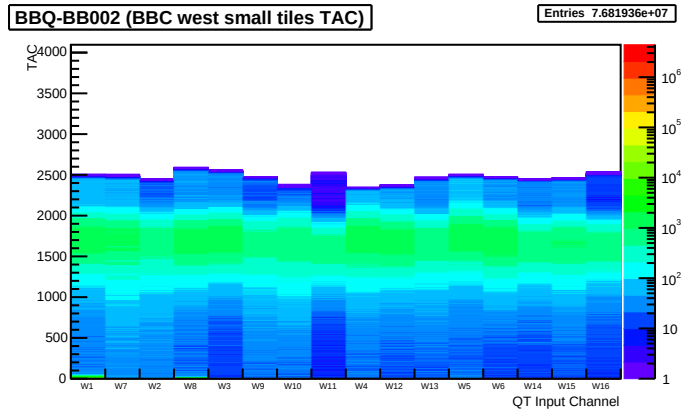

MXQ-PP001
Entries 7.681936e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

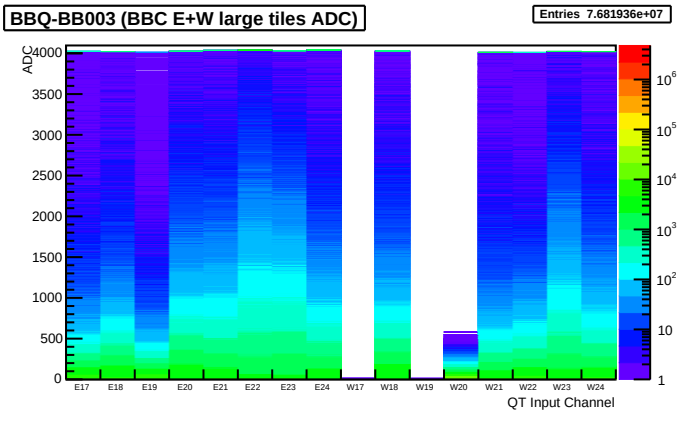

MXQ-PP001
Entries 7.681936e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

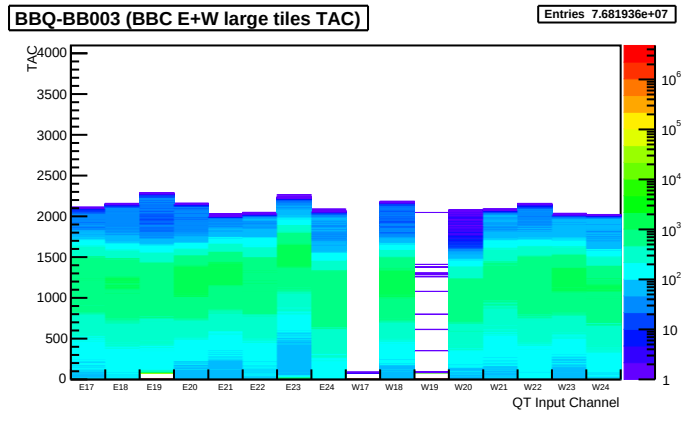

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.681936e+07
ADC
QT Input Channel

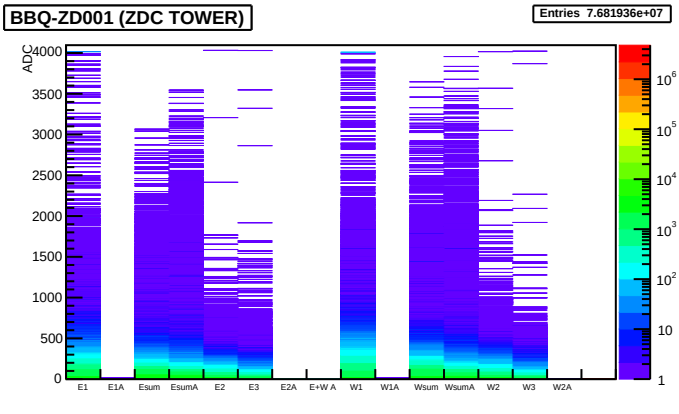

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.681936e+07
TAC
QT Input Channel

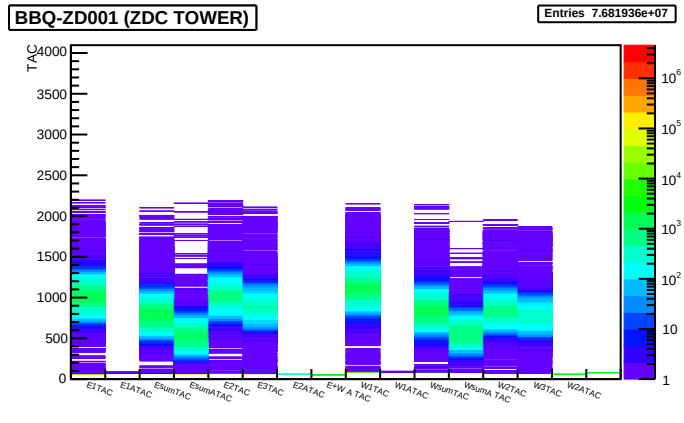

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.681936e+07
ADC
QT Input Channel

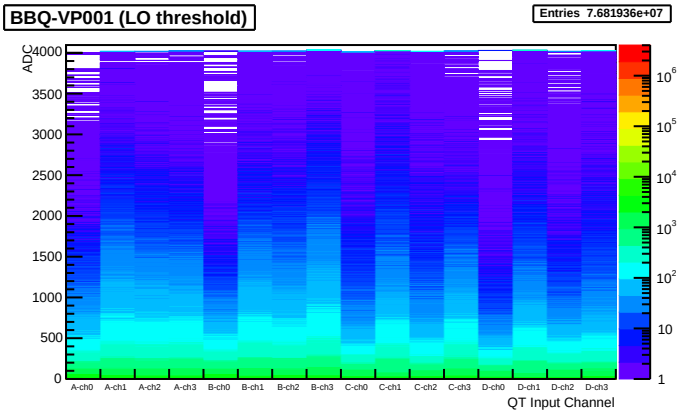

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.681936e+07
TAC
QT Input Channel

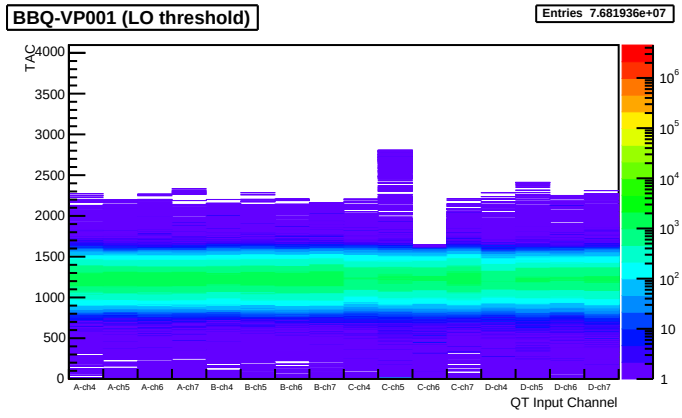

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.681936e+07
ADC
QT Input Channel

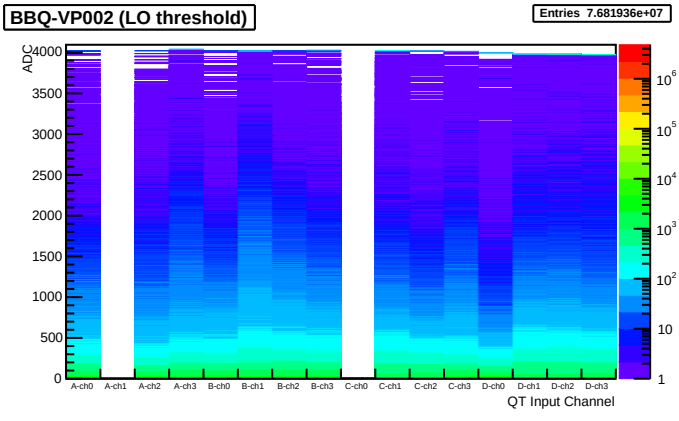

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.681936e+07
TAC
QT Input Channel

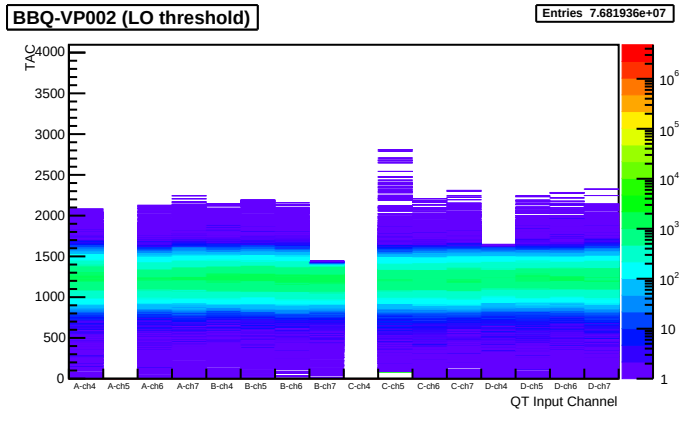

BBQ-ZD001 (ZDC TOWER)
Entries 7.681936e+07
ADC

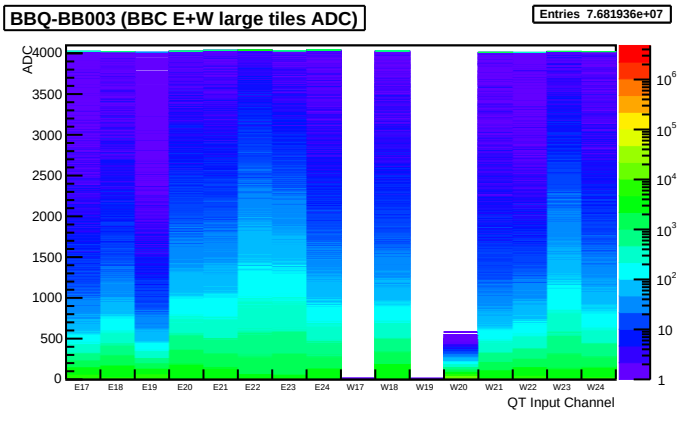

BBQ-ZD001 (ZDC TOWER)
Entries 7.681936e+07
TAC

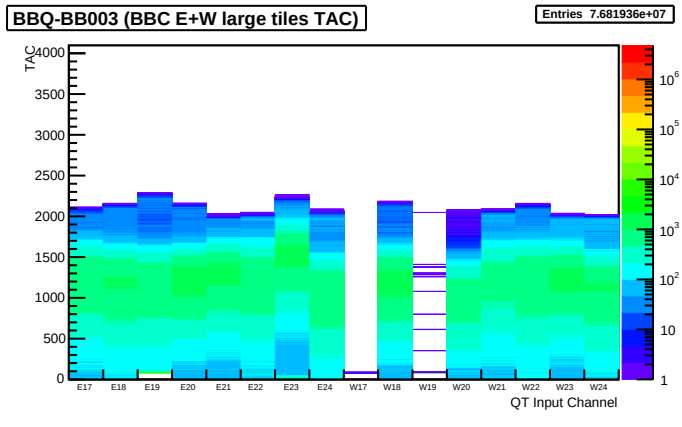

BBQ-VP001 (LO threshold)
Entries 7.681936e+07
ADC
QT Input Channel

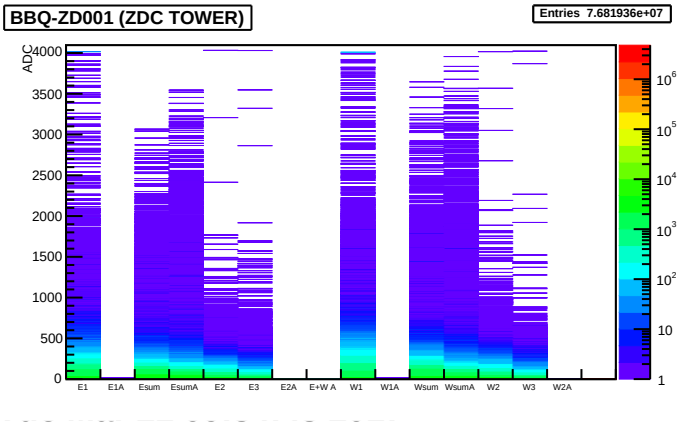

BBQ-VP001 (LO threshold)
Entries 7.681936e+07
TAC
QT Input Channel

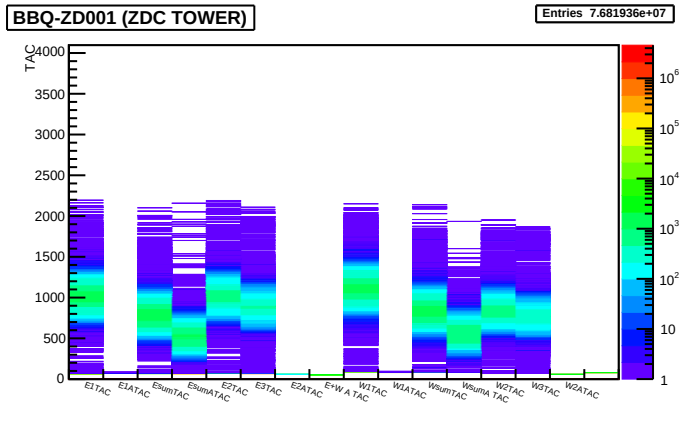

BBQ-VP002 (LO threshold)
Entries 7.681936e+07
ADC
QT Input Channel

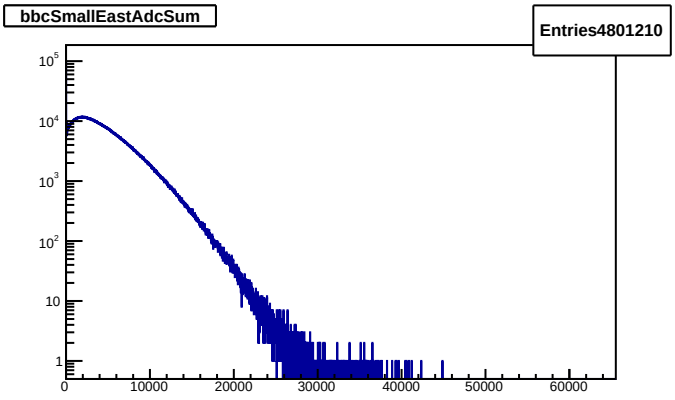

BBQ-VP002 (LO threshold)
Entries 7.681936e+07
TAC
QT Input Channel

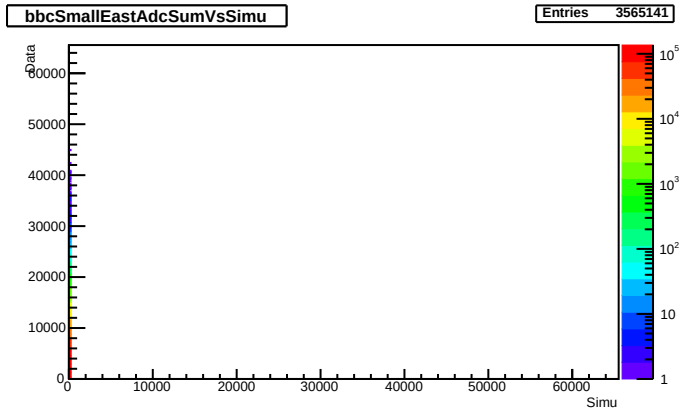

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.681936e+07
ADC
QT Input Channel

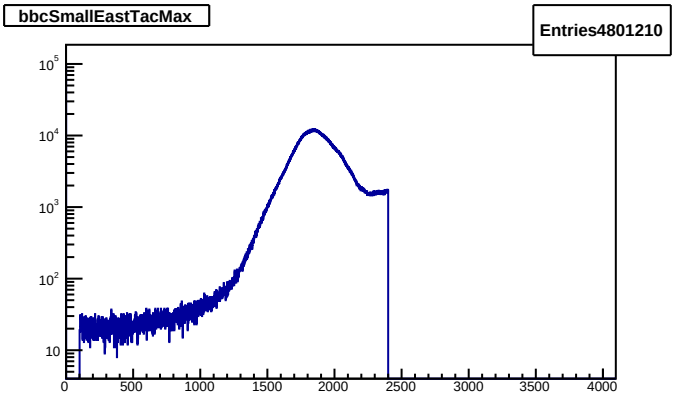

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.681936e+07
TAC
QT Input Channel

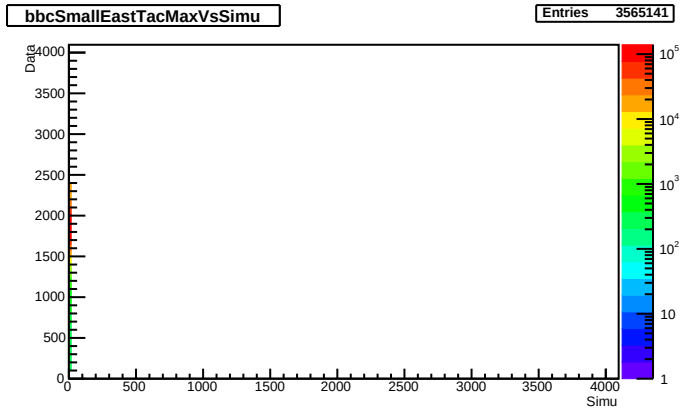

BBQ-ZD001 (ZDC TOWER)
Entries 7.681936e+07
ADC

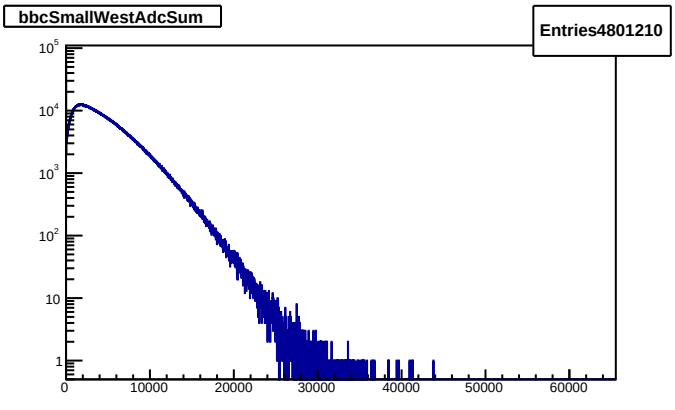

BBQ-ZD001 (ZDC TOWER)
Entries 7.681936e+07
TAC

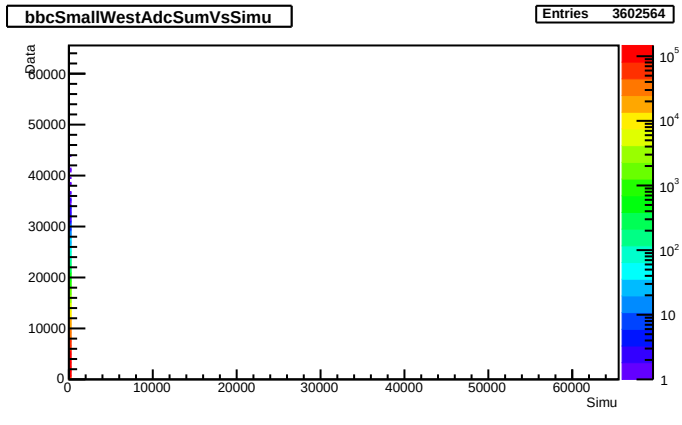

bbcSmallEastAdcSum
Entries4801210

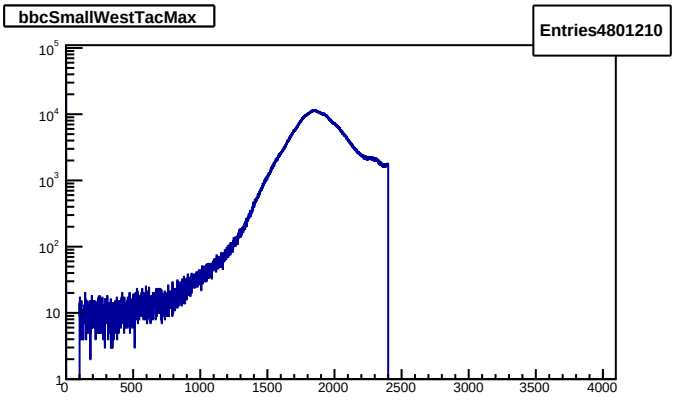

bbcSmallEastAdcSumVsSimu
Entries 3565141
Data
Simu

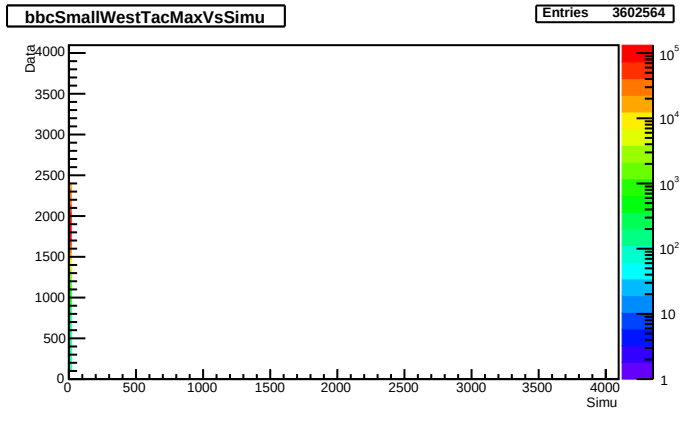

bbcSmallEastTacMax
Entries4801210

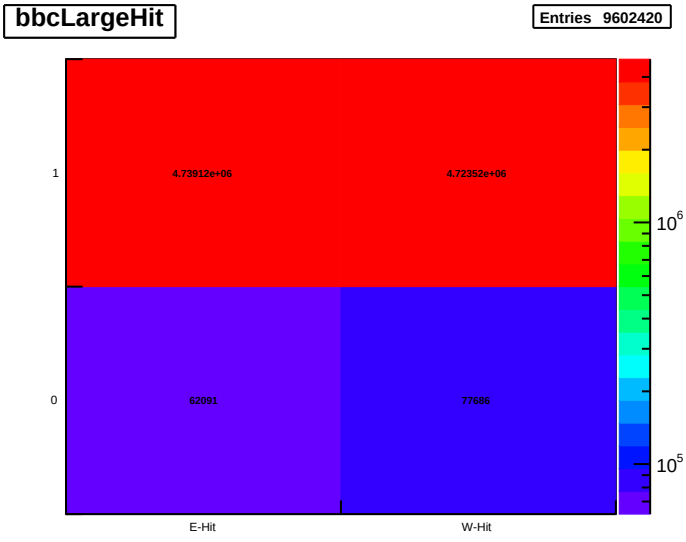

bbcSmallEastTacMaxVsSimu
Entries 3565141
Data
Simu

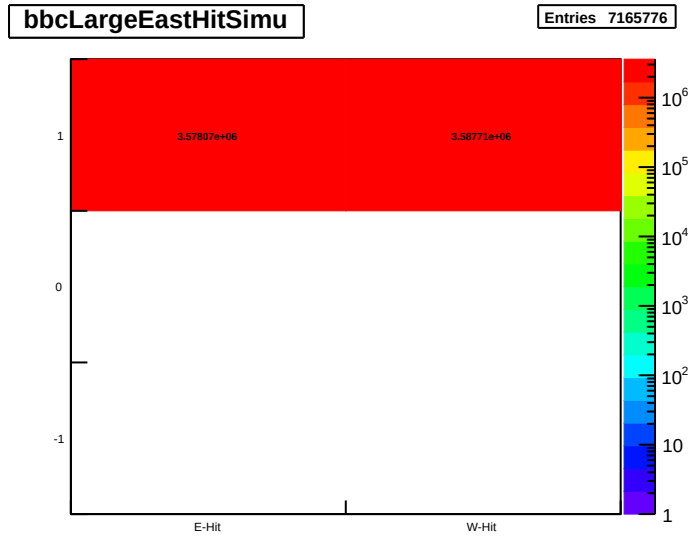

bbcSmallWestAdcSum
Entries4801210

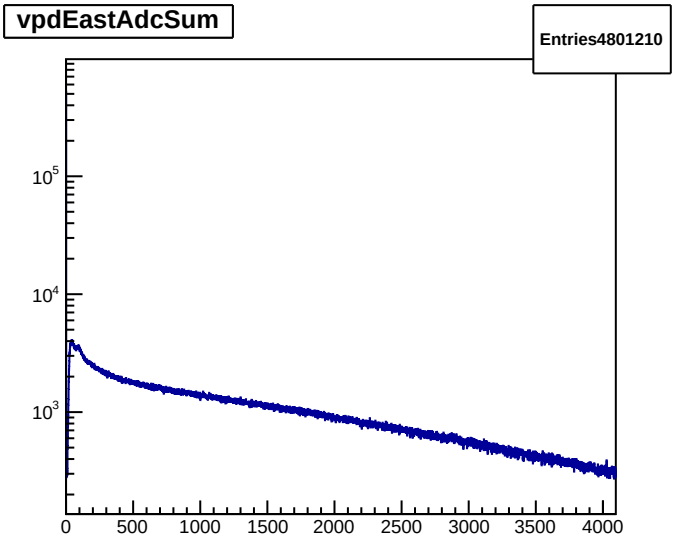

bbcSmallWestAdcSumVsSimu
Entries 3602564
Data
Simu

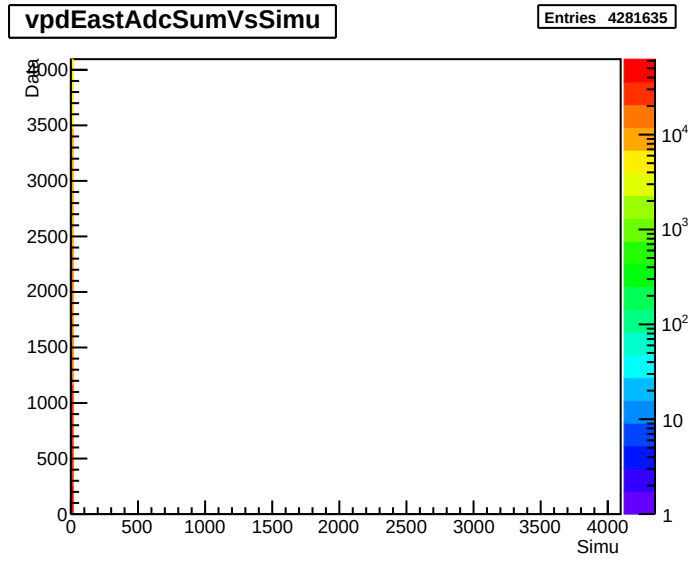

bbcSmallWestTacMax
Entries4801210

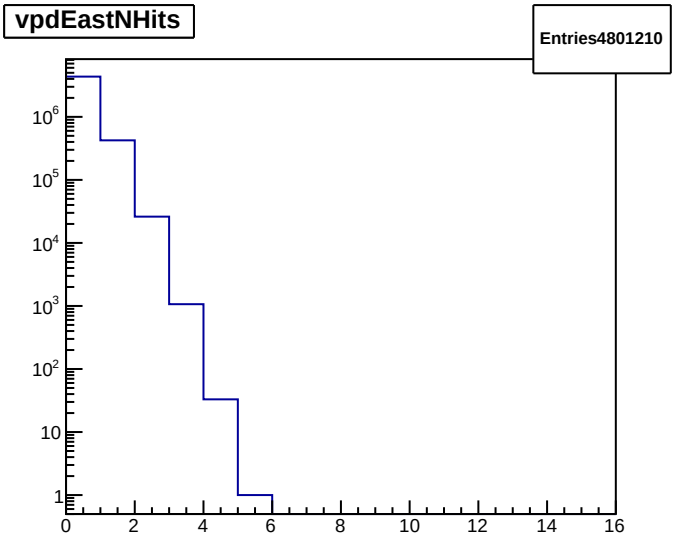

bbcSmallWestTacMaxVsSimu
Entries 3602564
Data
Simu

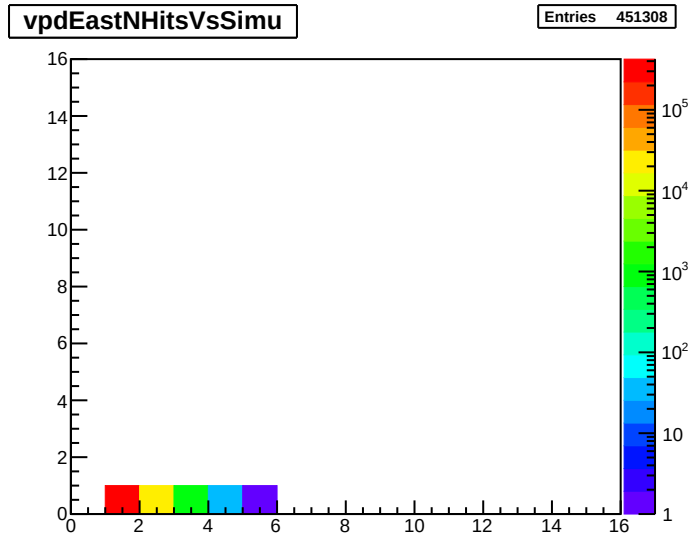

bbcLargeHit
Entries 9602420
1
0
4.73912e+06
4.72352e+06
62091
77686
E-Hit
W-Hit
10^6
10^5

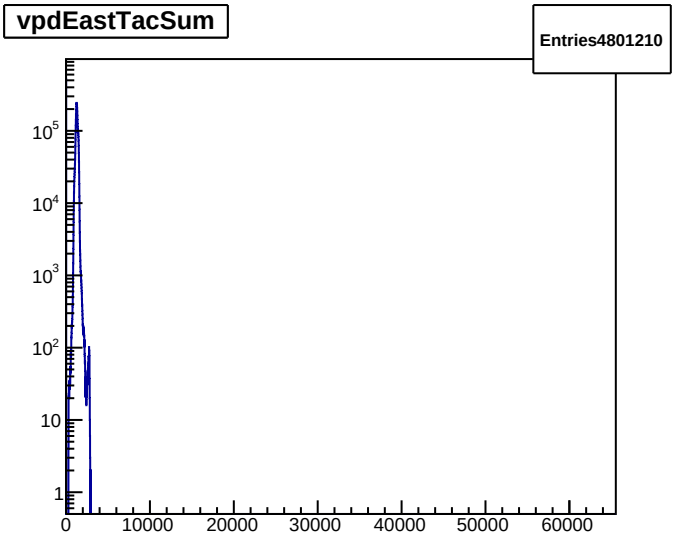

bbcLargeEastHitSimu
Entries 7165776
1
0
-1
3.57807e+06
3.58771e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

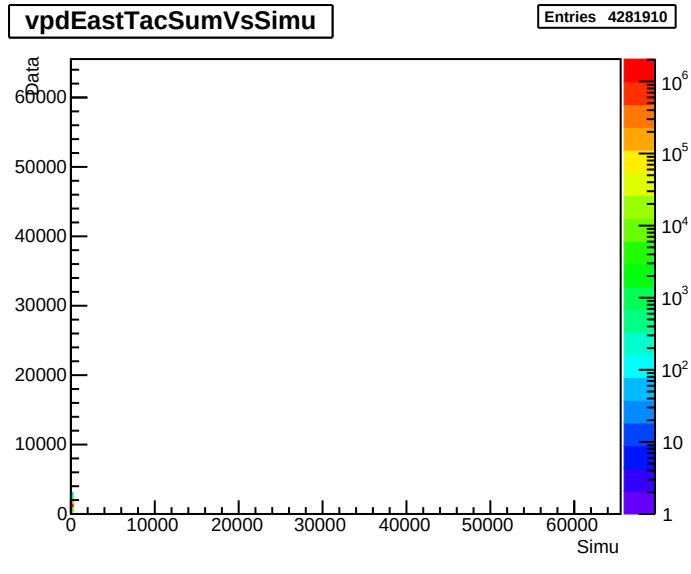

vpdEastAdcSum
Entries4801210

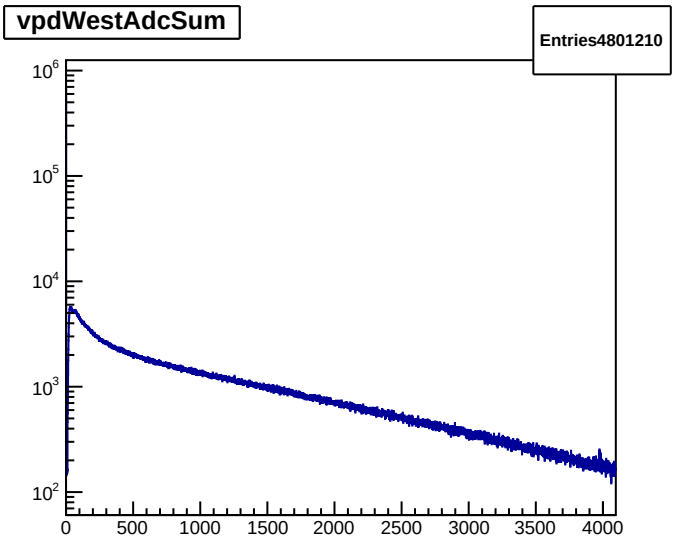

vpdEastAdcSumVsSimu
Entries 4281635
Data
Simu

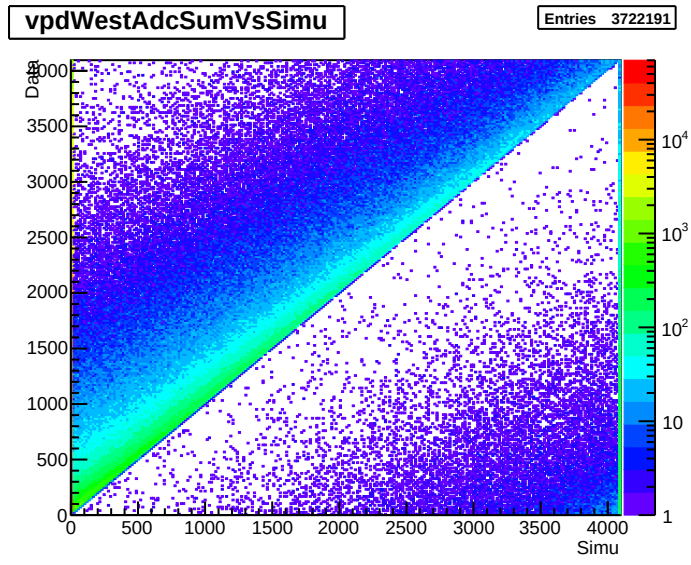

vpdEastNHits
Entries4801210

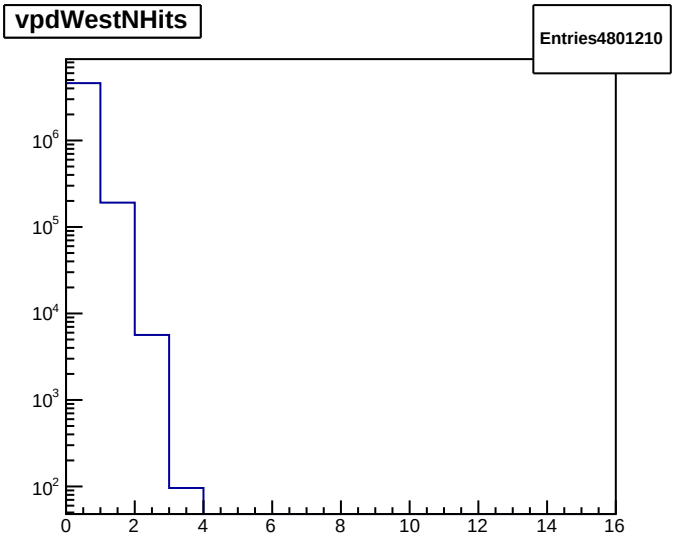

vpdEastNHitsVsSimu
Entries 451308

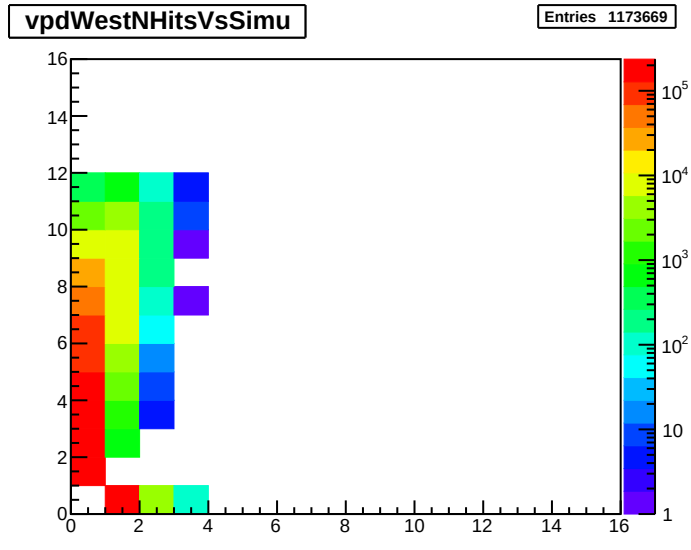

vpdEastTacSum
Entries4801210

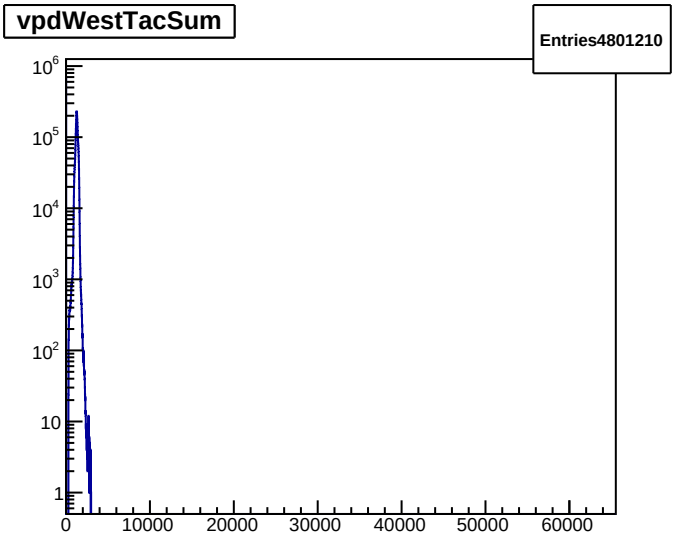

vpdEastTacSumVsSimu
Entries 4281910
Data
Simu

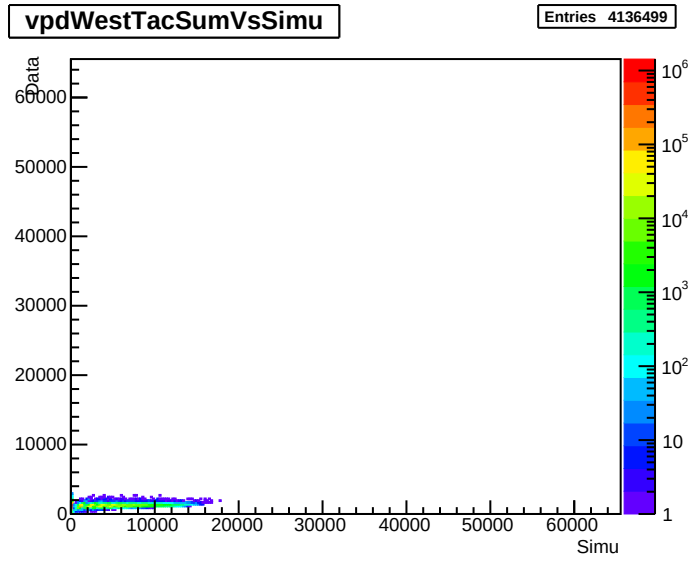

vpdWestAdcSum
Entries4801210

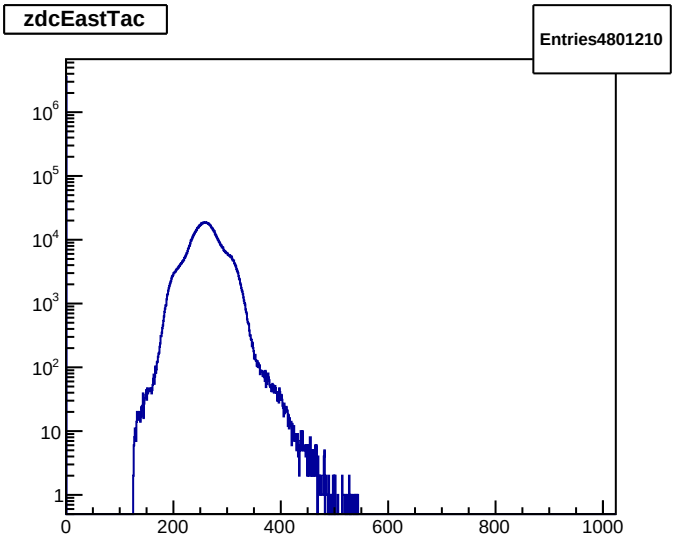

vpdWestAdcSumVsSimu
Entries 3722191
Data
Simu

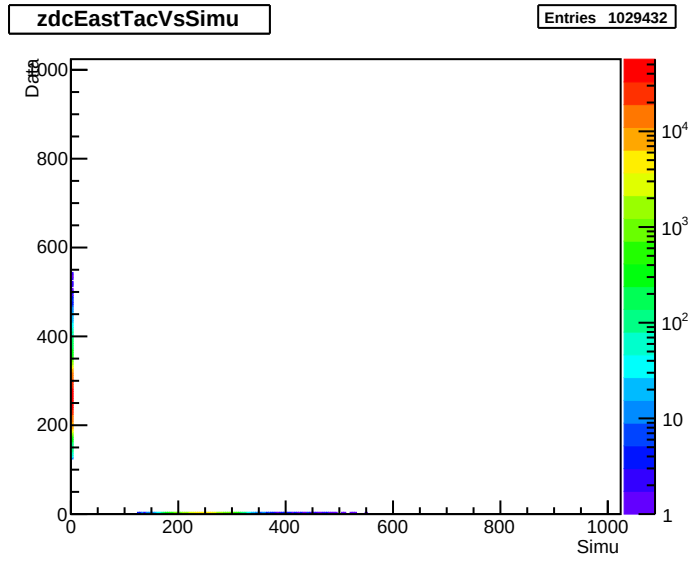

vpdWestNHits
Entries4801210

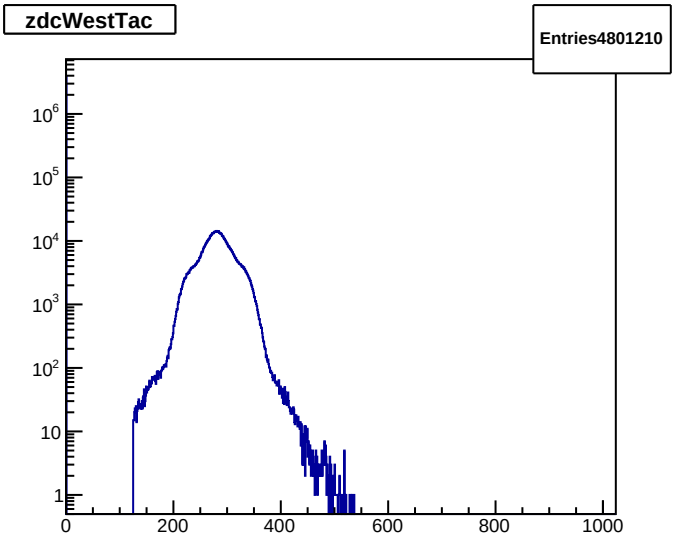

vpdWestNHitsVsSimu
Entries 1173669

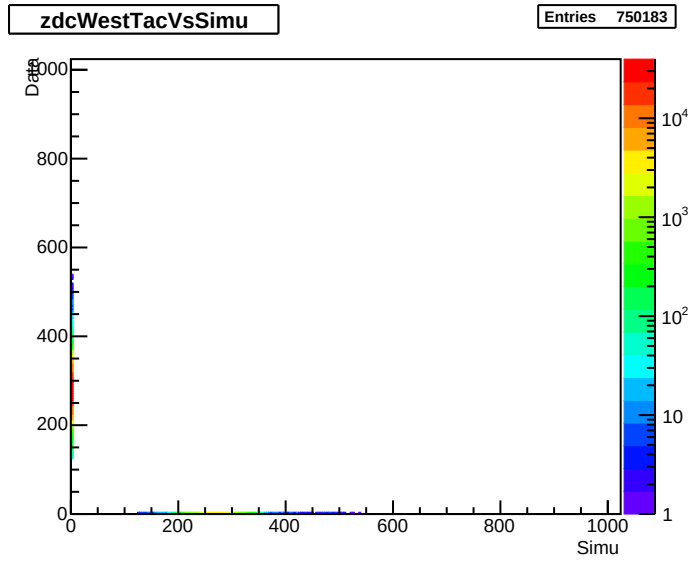

vpdWestTacSum
Entries4801210

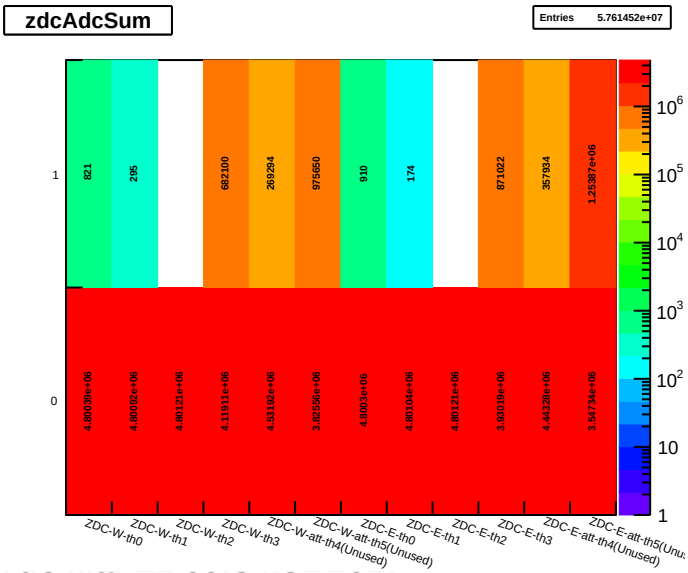

vpdWestTacSumVsSimu
Entries 4136499
Data
Simu

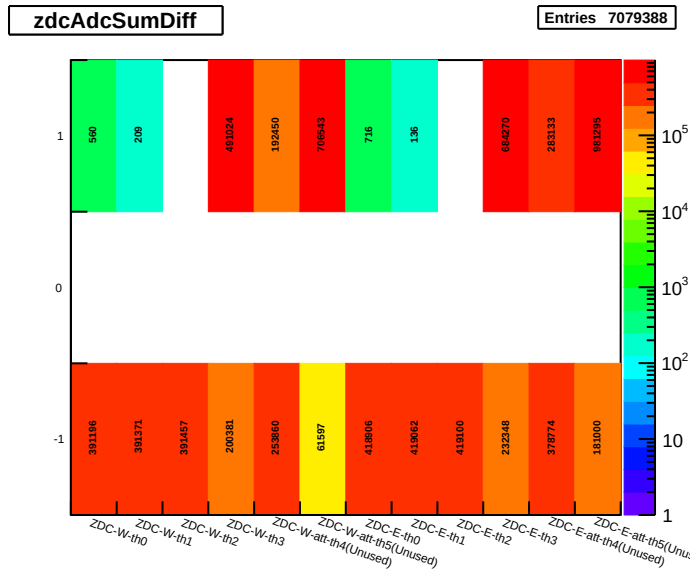

zdcEastTac
Entries4801210

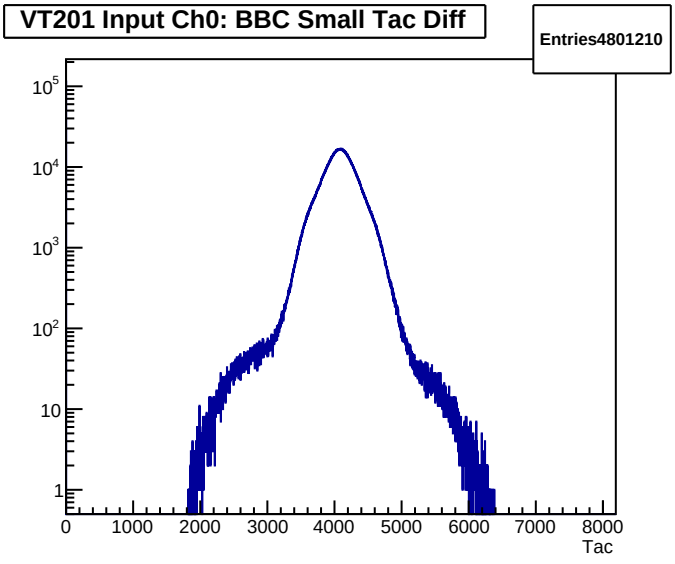

zdcEastTacVsSimu
Entries 1029432
Data
Simu

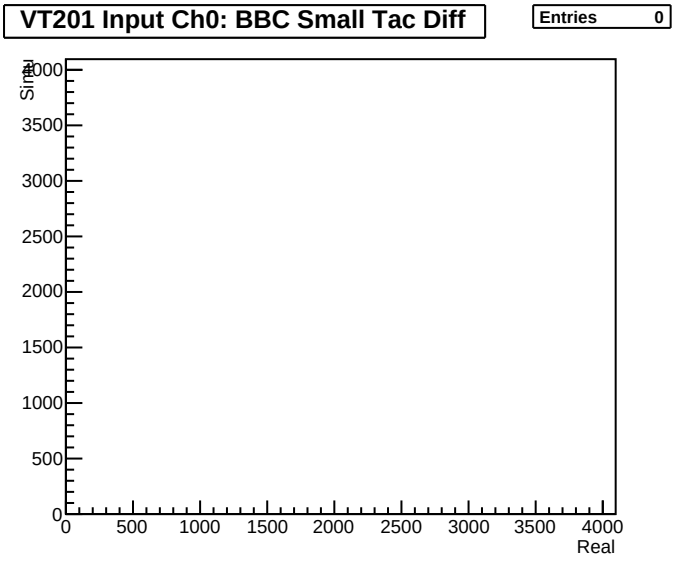

zdcWestTac
Entries4801210

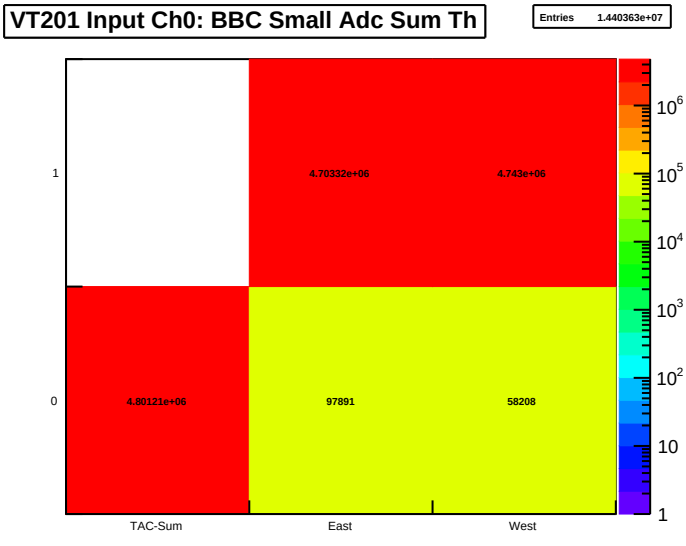

zdcWestTacVsSimu
Entries 750183
Data
Simu

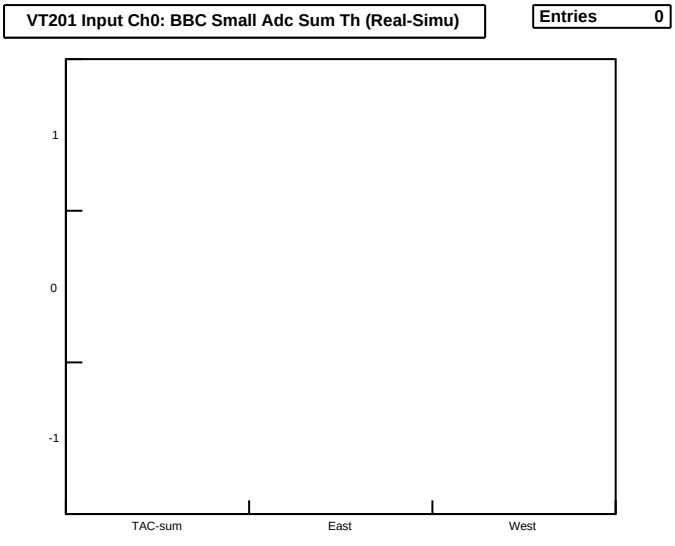

zdcAdcSum
Entries 5.761452e+07
821
295
682100
269294
975650
910
174
871022
357934
1.25387e+06
4.80039e+06
4.80092e+06
4.80121e+06
4.11911e+06
4.53192e+06
3.82556e+06
4.80034e+06
4.80104e+06
4.80121e+06
3.80018e+06
4.44328e+06
3.54734e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

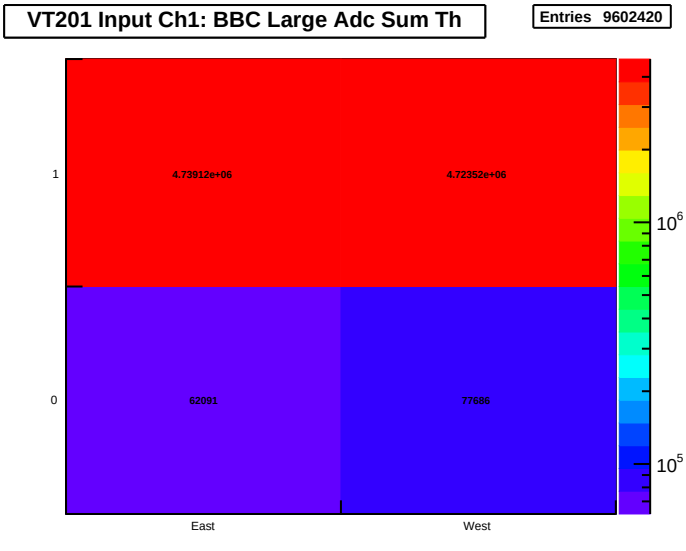

zdcAdcSumDiff
Entries 7079388
560
209
491024
192450
706543
716
136
684270
283133
981295
391196
391371
391457
200381
253860
61597
418906
419062
419100
232348
378774
181000
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

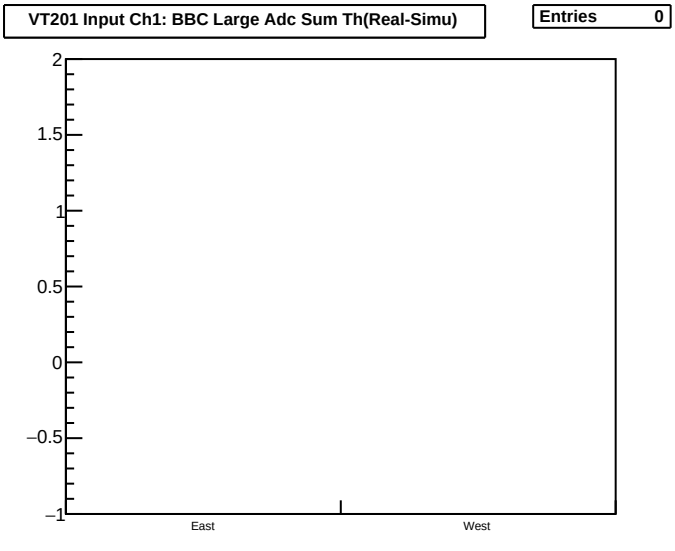

VT201 Input Ch0: BBC Small Tac Diff
Entries4801210
Tac


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

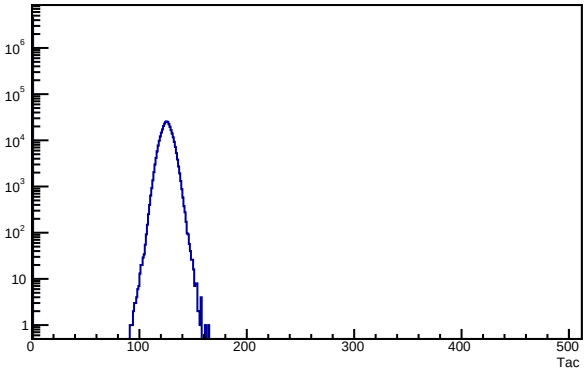

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.440363e+07
4.70332e+06
4.743e+06
4.80121e+06
97891
58208
TAC-Sum
East
West


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

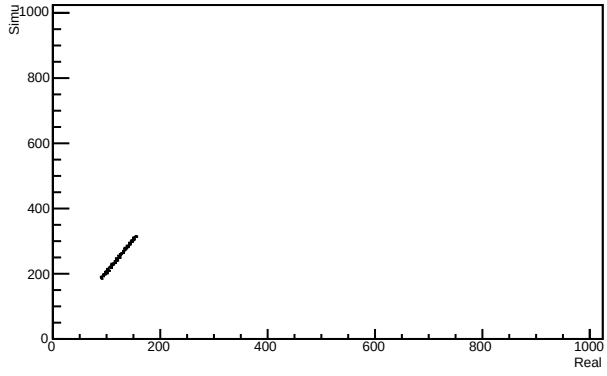

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9602420
4.73912e+06
4.72352e+06
62091
77686
East
West


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

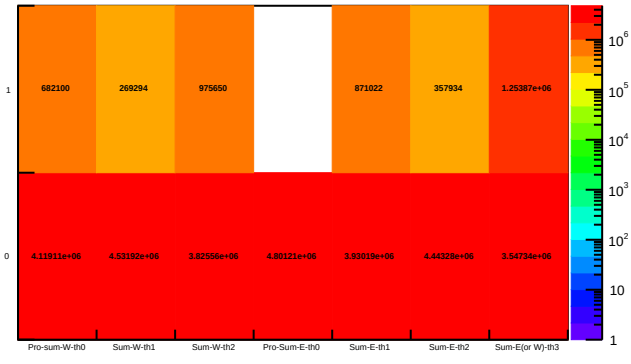
VT201 Input Ch2: ZDC Tac Diff



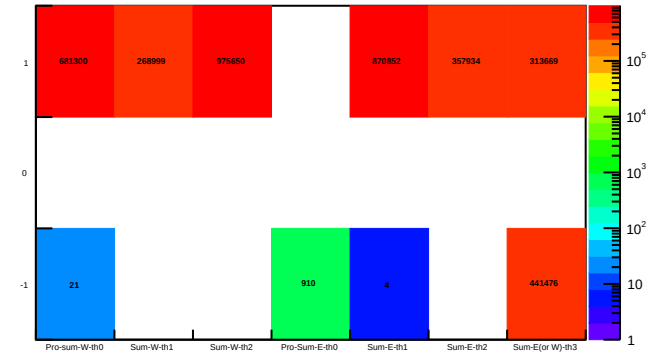
VT201 Input Ch2: ZDC Tac Diff



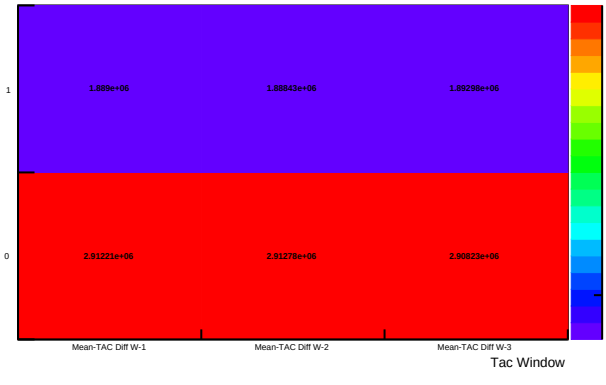
VT201 Input Ch2: ZDC Adc Sum Th



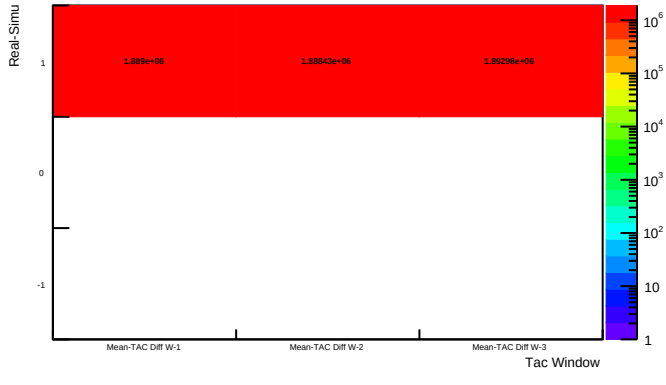
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



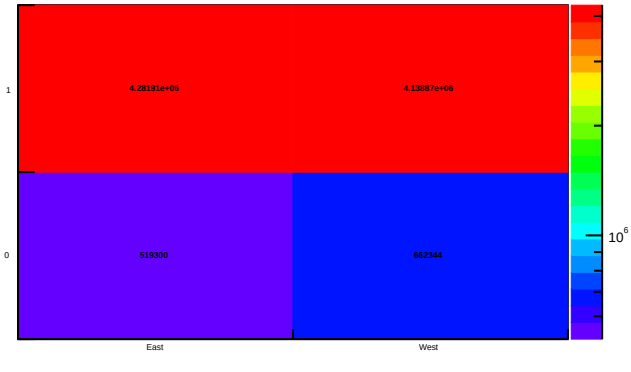
VT201 Input Ch4: VPD Tac Diff



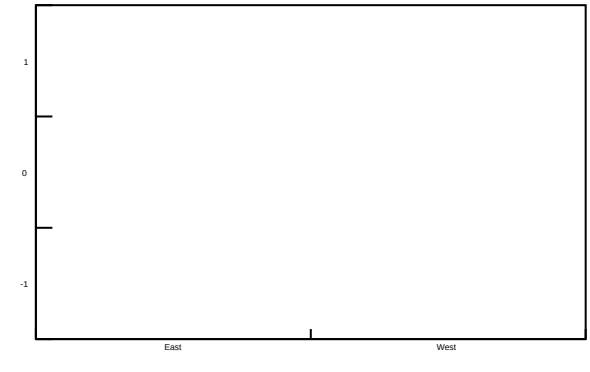
VT201 Input Ch4: VPD Tac Diff

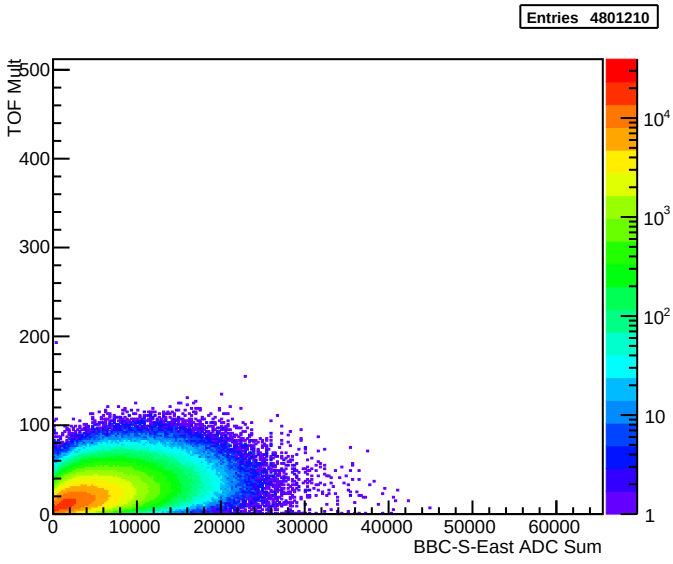


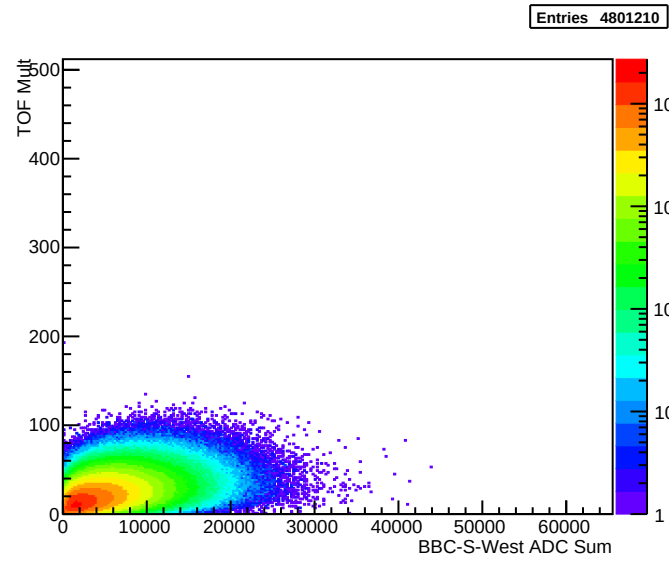
VT201 Input Ch4: VPD Adc Sum Th

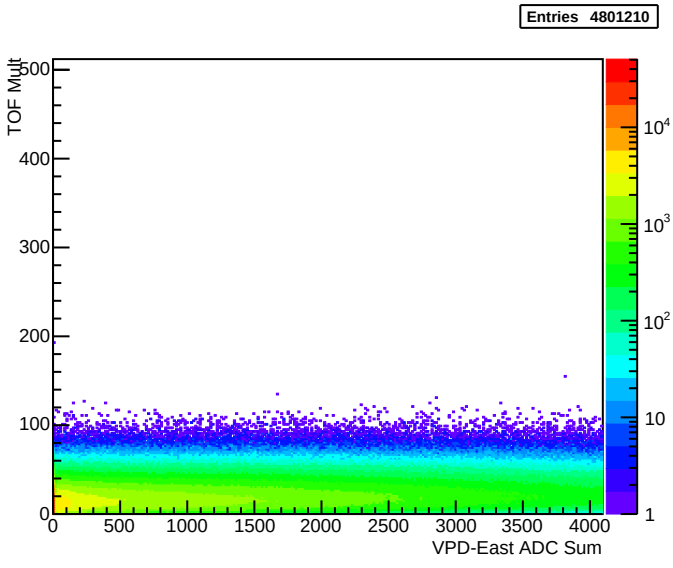


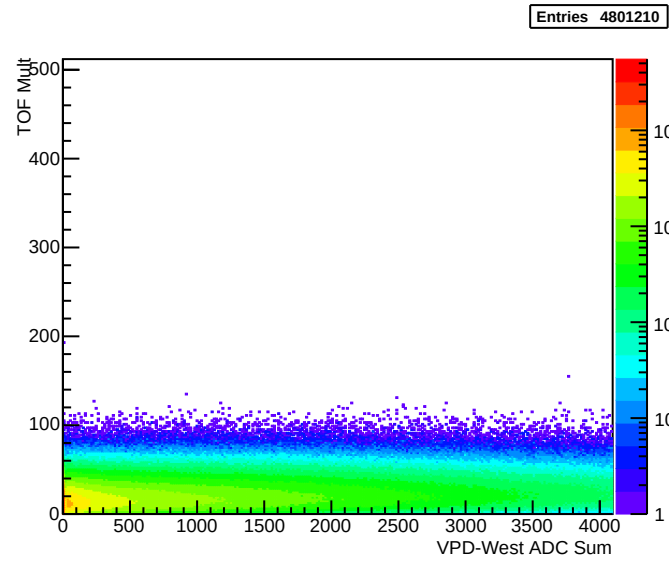
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

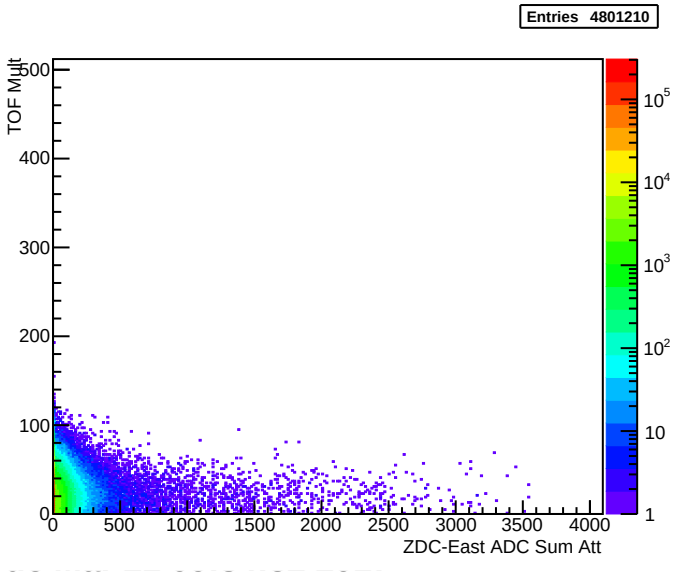


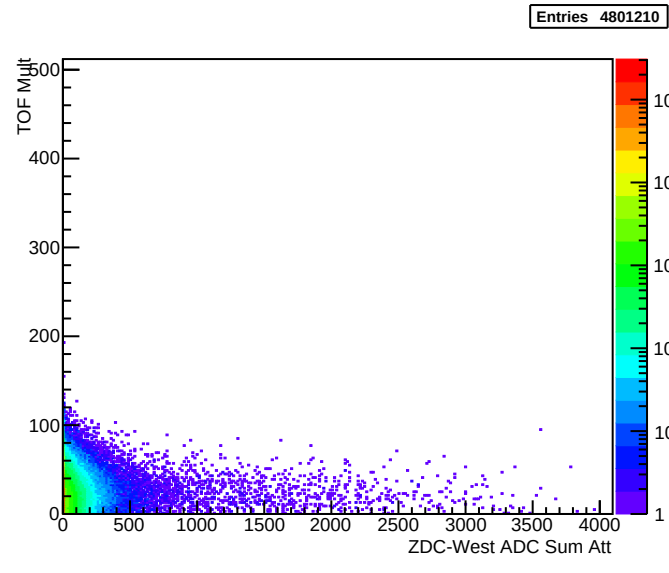

Entries 4801210
TOF Mult
BBC-S-East ADC Sum

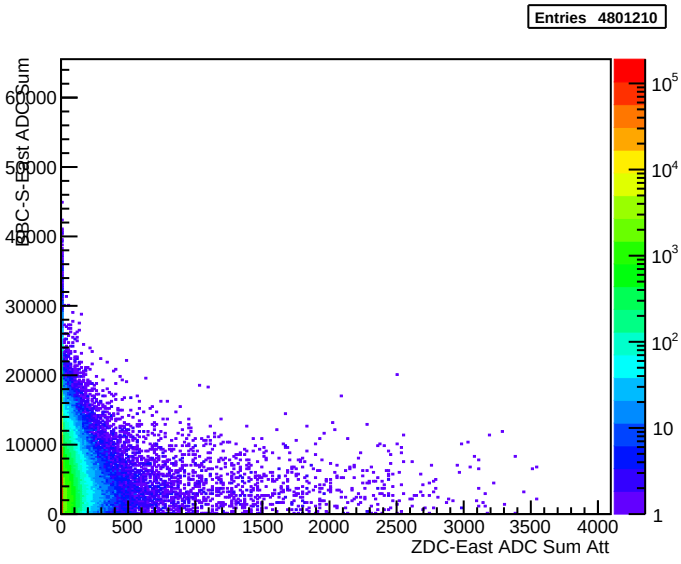

Entries 4801210
TOF Mult
BBC-S-West ADC Sum

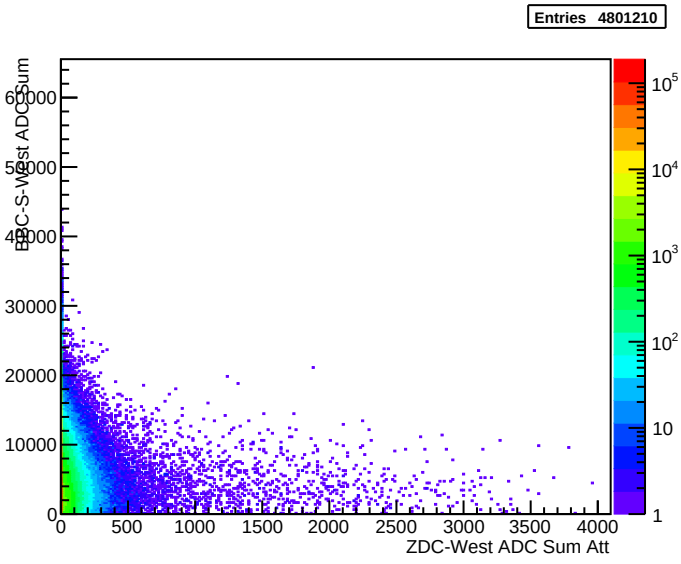

Entries 4801210
TOF Mult
VPD-East ADC Sum

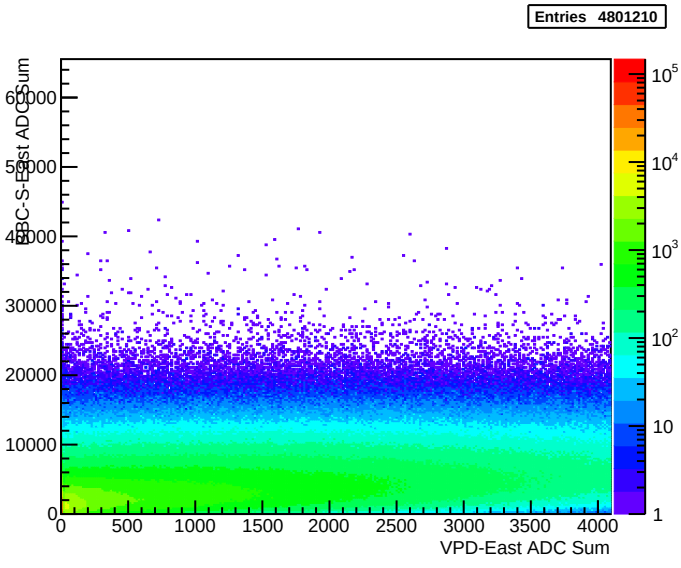

Entries 4801210
TOF Mult
VPD-West ADC Sum

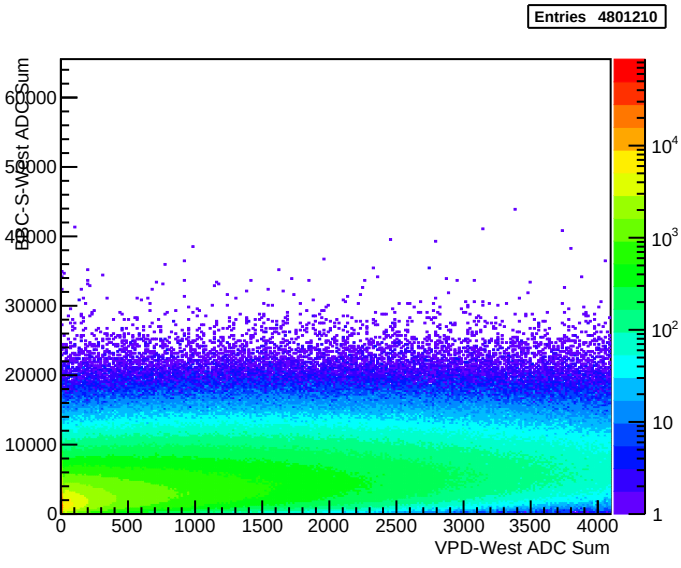

Entries 4801210
TOF Mult
ZDC-East ADC Sum Att

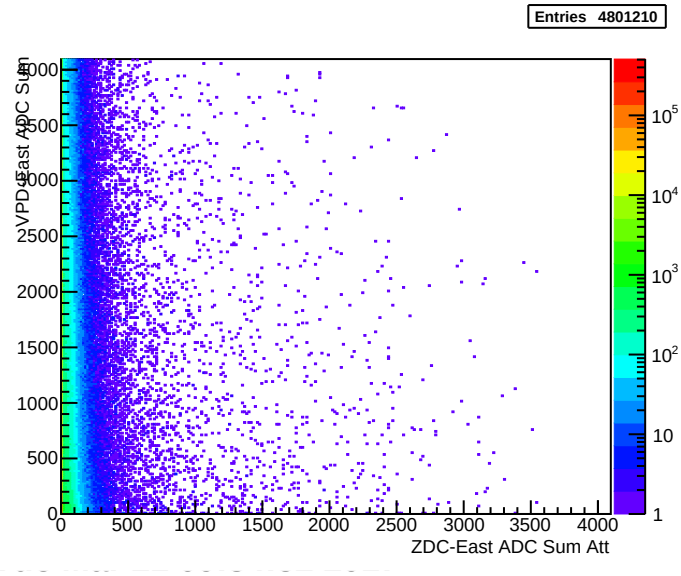

Entries 4801210
TOF Mult
ZDC-West ADC Sum Att

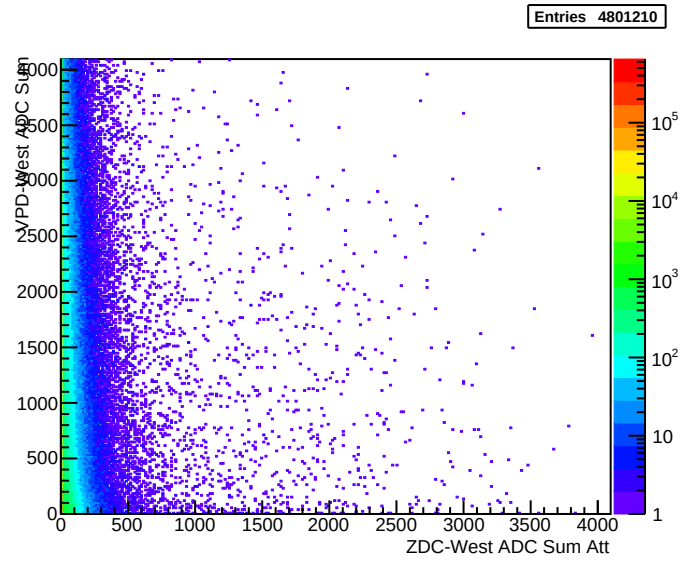

Entries 4801210
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

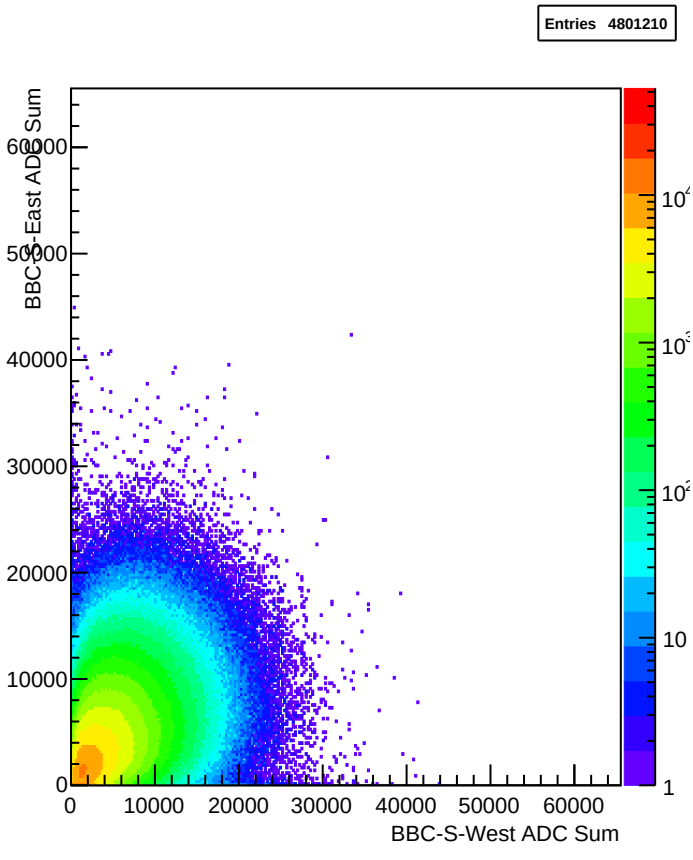

Entries 4801210
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

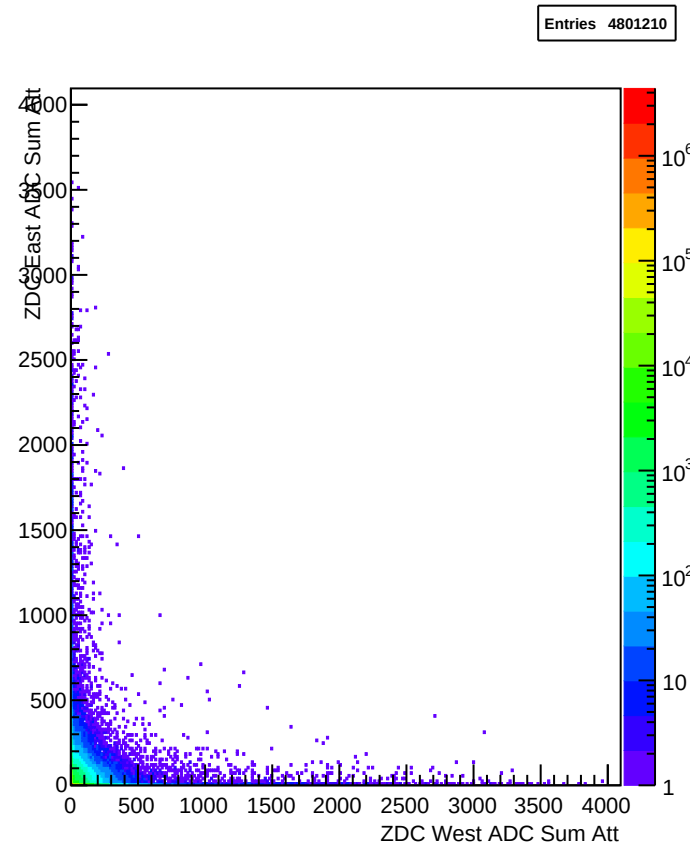

Entries 4801210
BBC-S-East ADC Sum
VPD-East ADC Sum

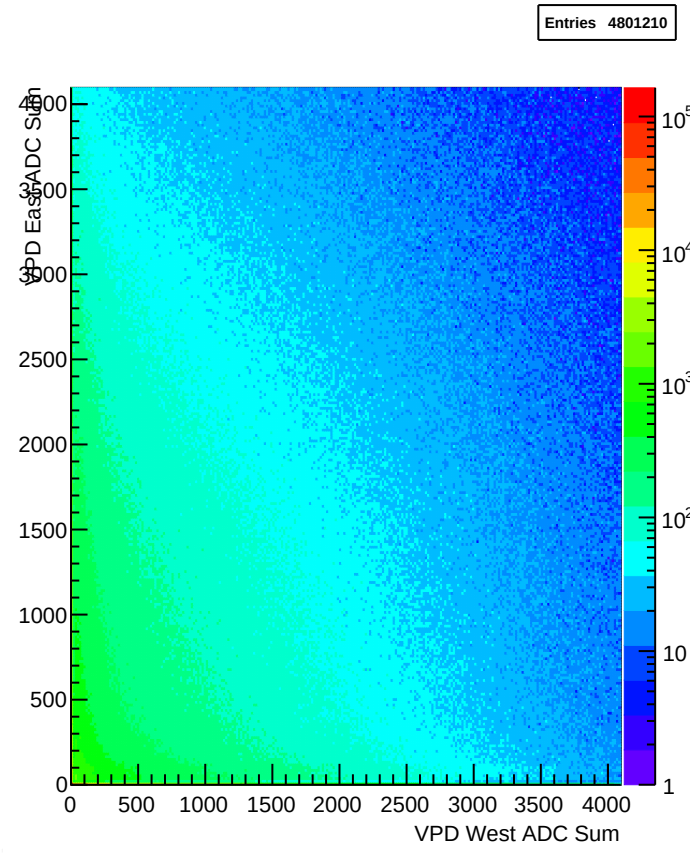

Entries 4801210
BBC-S-West ADC Sum
VPD-West ADC Sum

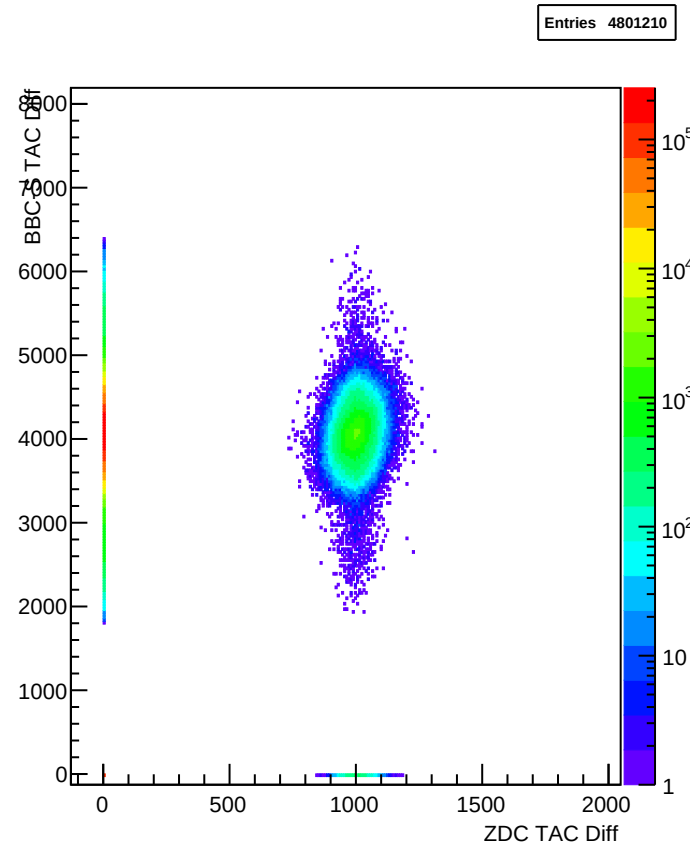

Entries 4801210
VPD-East ADC Sum
ZDC-East ADC Sum Att

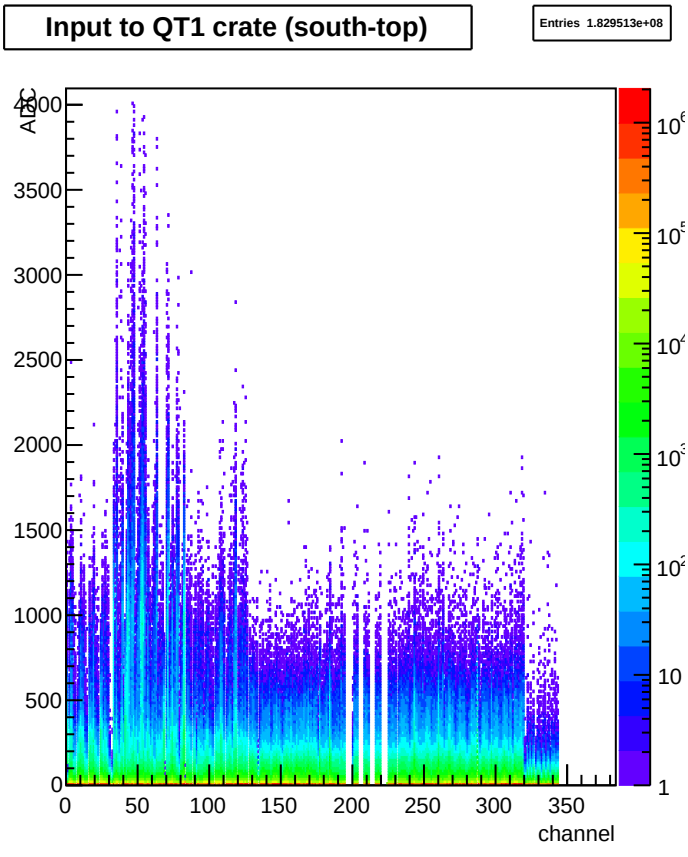

Entries 4801210
VPD-West ADC Sum
ZDC-West ADC Sum Att

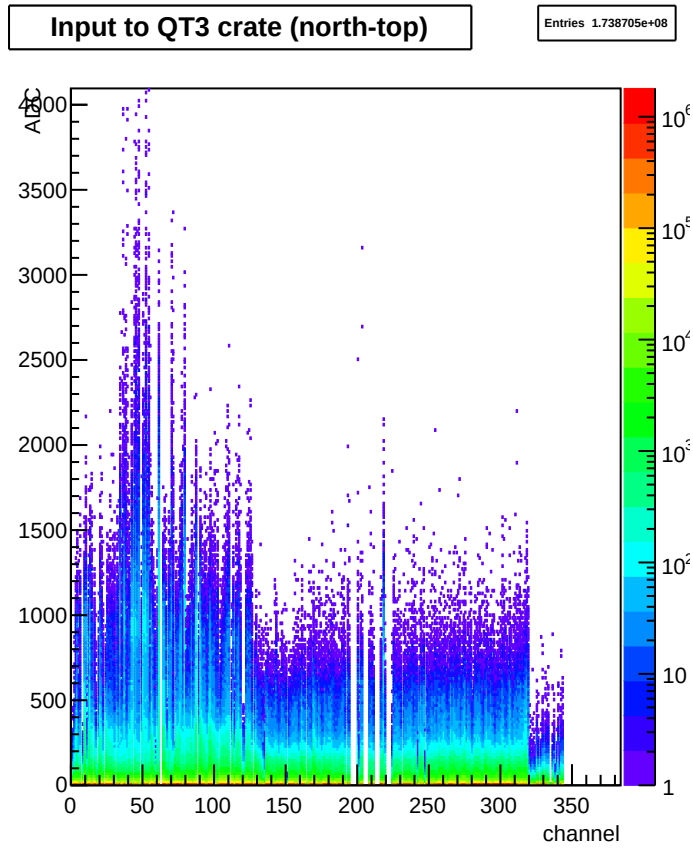

Entries 4801210
BBC-S-East ADC Sum
BBC-S-West ADC Sum

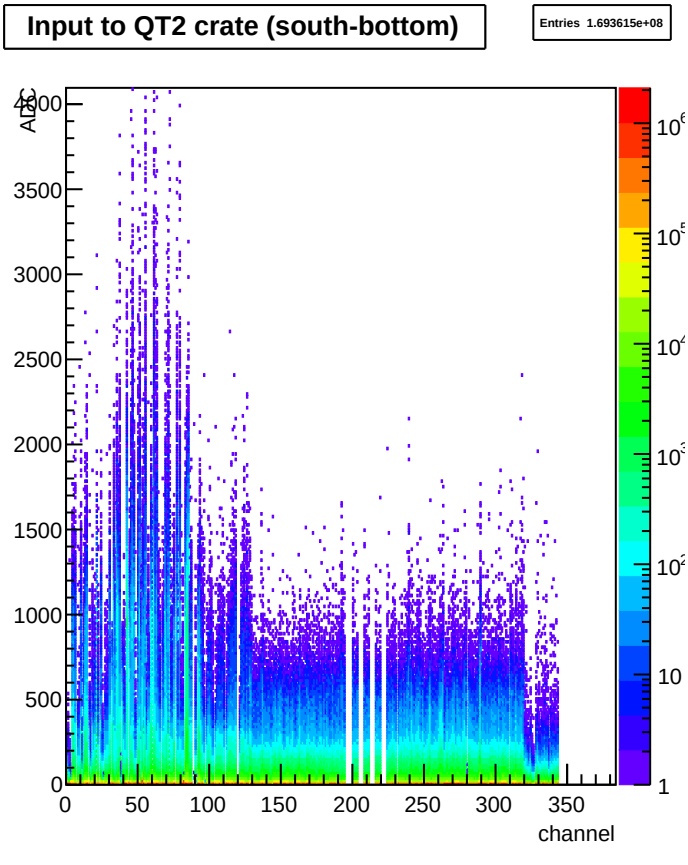

Entries 4801210
ZDC East ADC Sum Att
ZDC West ADC Sum Att

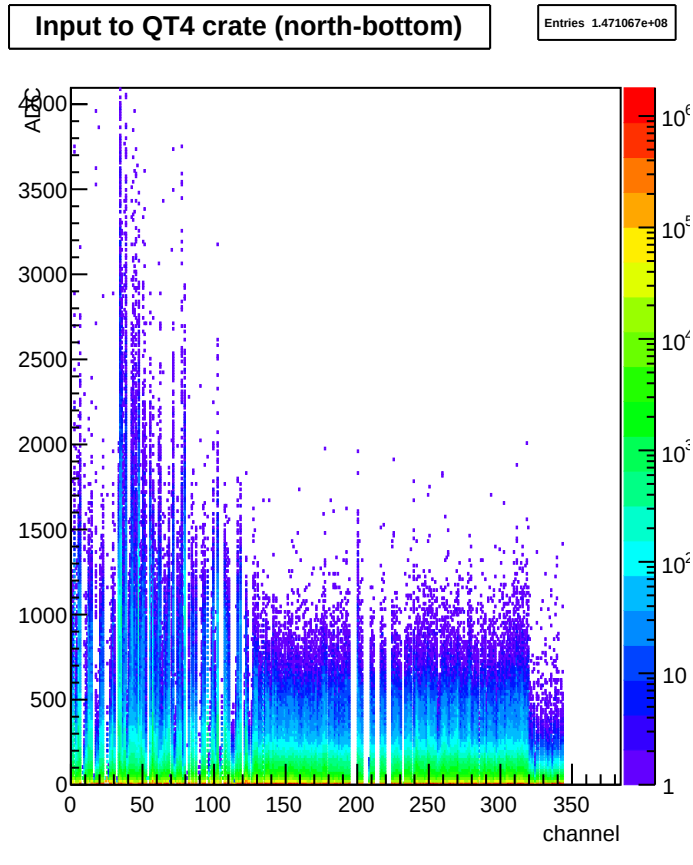

Entries 4801210
VPD East ADC Sum
VPD West ADC Sum

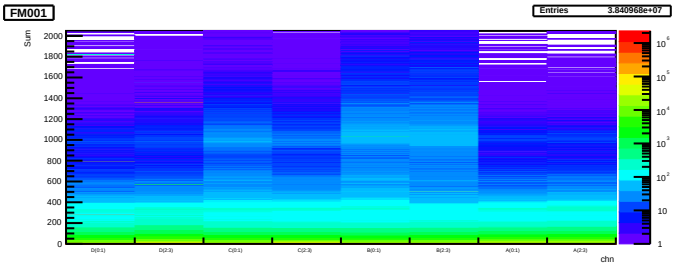

Entries 4801210
BBC-S TAC Diff
ZDC TAC Diff

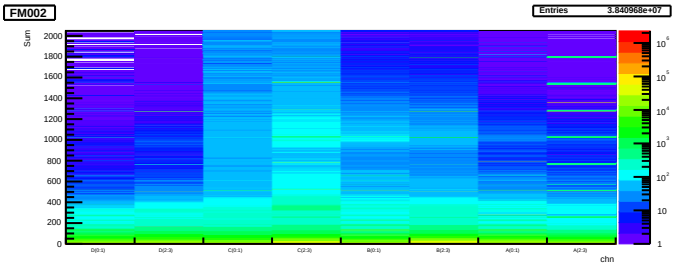

Input to QT1 crate (south-top)
Entries 1.829513e+08
ADC
channel

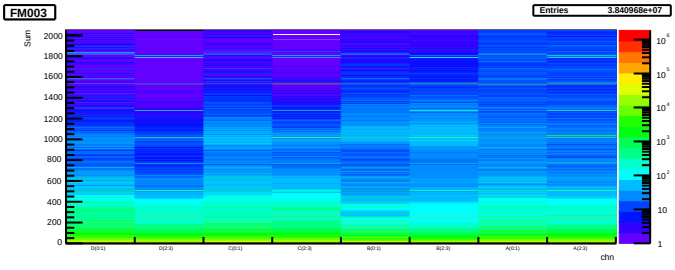

Input to QT3 crate (north-top)
Entries 1.738705e+08
ADC
channel

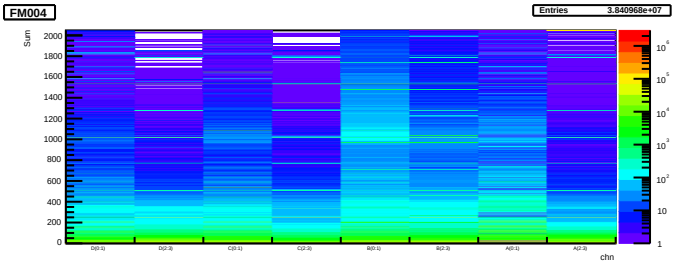

Input to QT2 crate (south-bottom)
Entries 1.693615e+08
ADC
channel

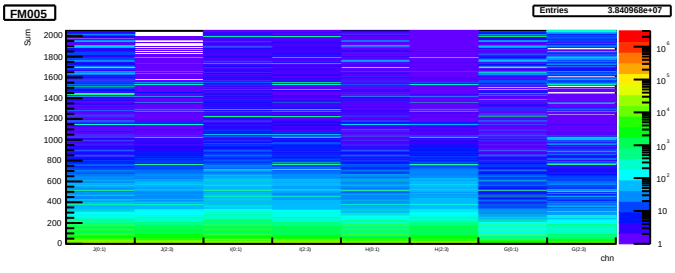

Input to QT4 crate (north-bottom)
Entries 1.471067e+08
ADC
channel

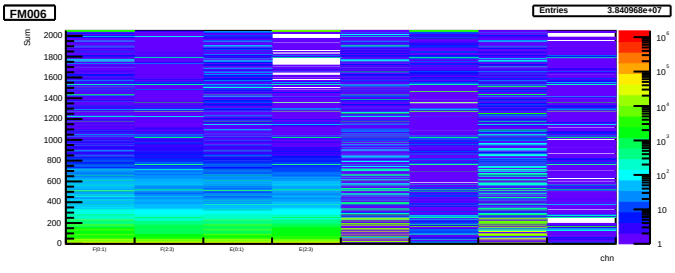

FM001
Entries 3.840968e+07
Sum
chn


FM002
Entries 3.840968e+07
Sum
chn


FM003
Entries 3.840968e+07
Sum
chn


FM004
Entries 3.840968e+07
Sum
chn


FM005
Entries 3.840968e+07
Sum
chn


FM006
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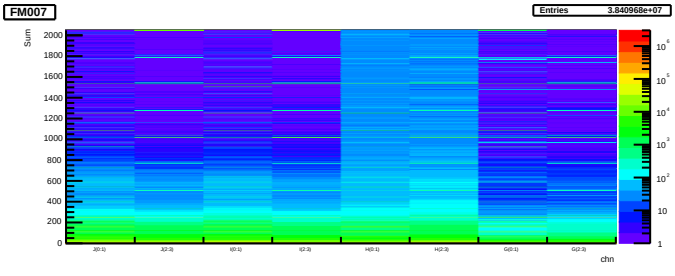
FM007
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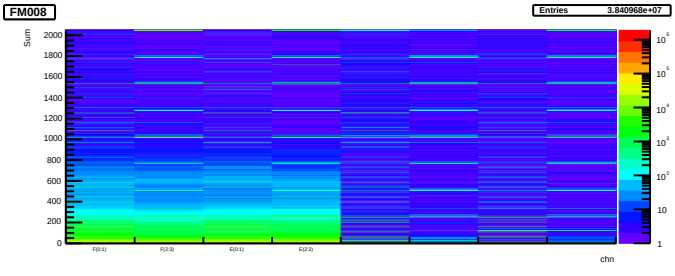
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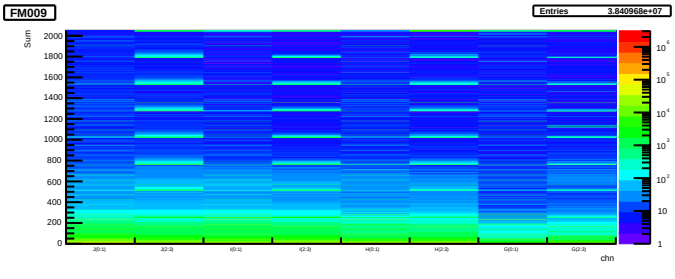
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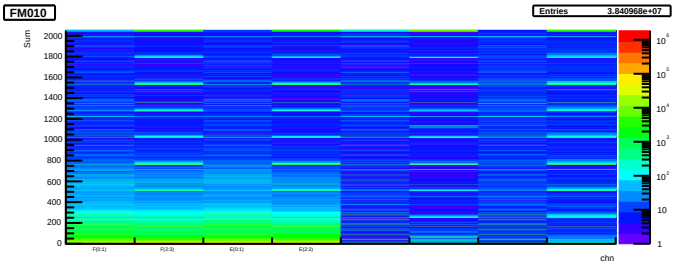
FM010
Entries 3.840968e+07
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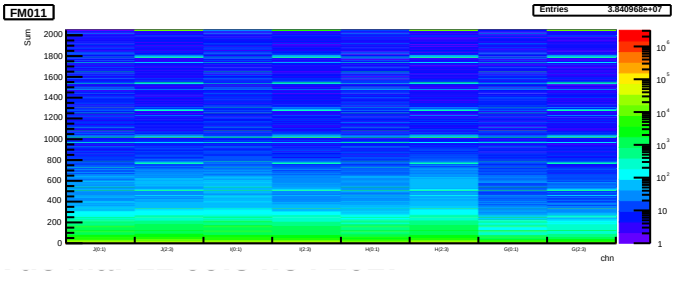
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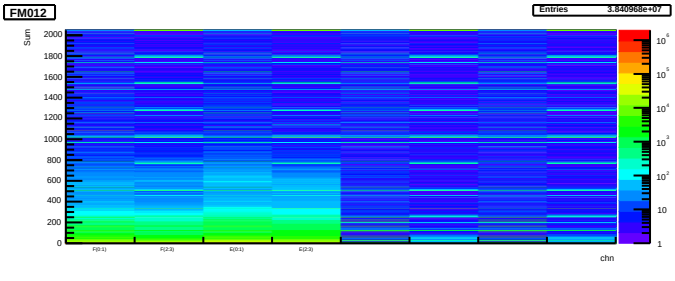
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Sum
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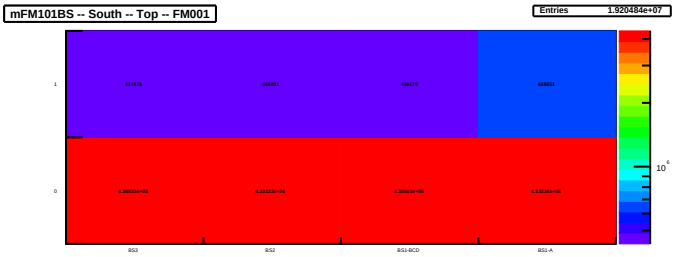
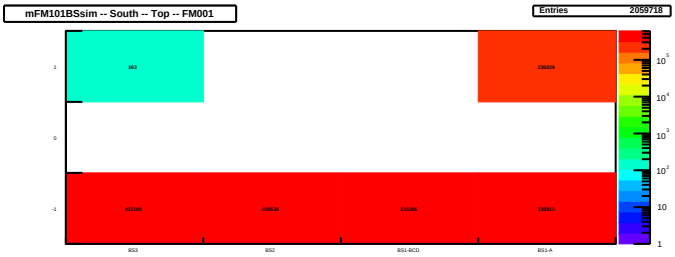

mFM101BS -- South -- Top -- FM001
Entries 1.920484e+07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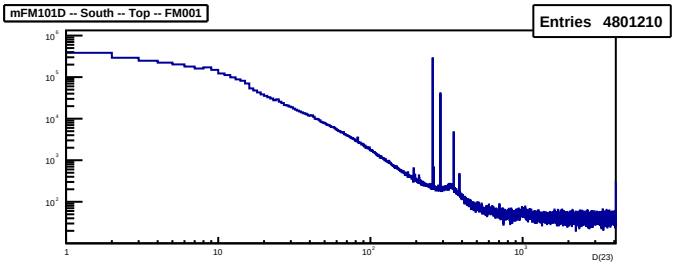
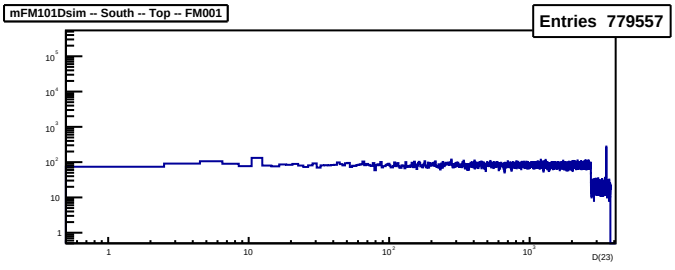

mFM101D -- South -- Top -- FM001
Entries 4801210
D(23)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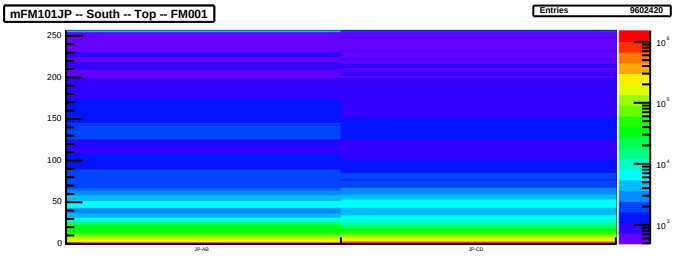
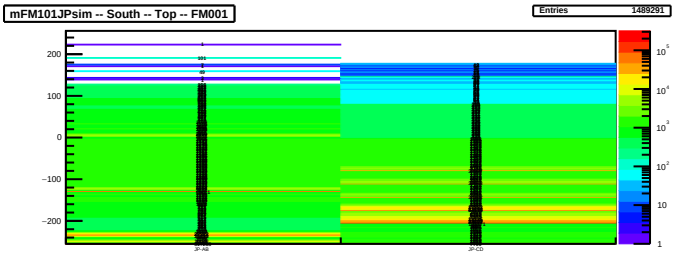
Entries 779557
D(23)


mFM101JP -- South -- Top -- FM001
Entries 9602420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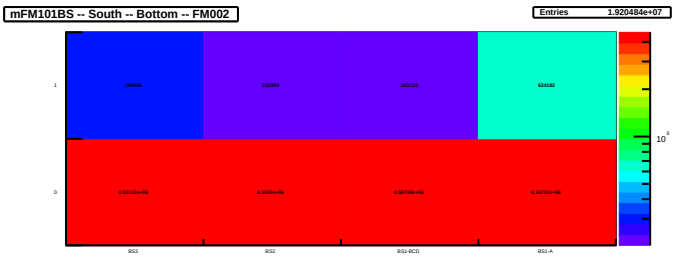
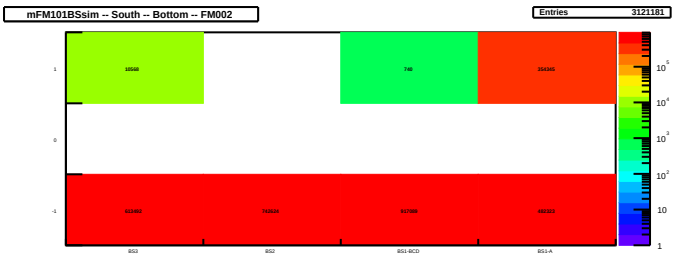

mFM101BS -- South -- Bottom -- FM002
Entries 1.920484e+07


mFM101BSsim -- South -- Bottom -- FM002
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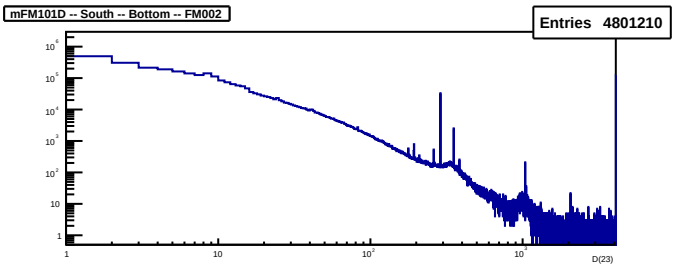
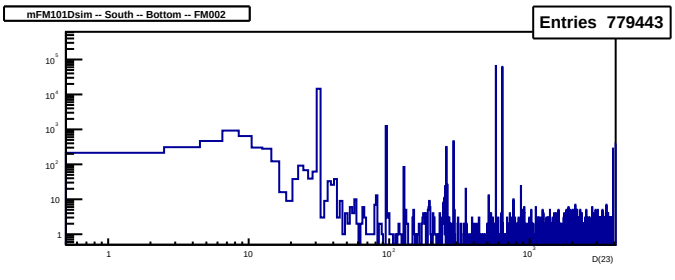

mFM101D -- South -- Bottom -- FM002
Entries 4801210
D(23)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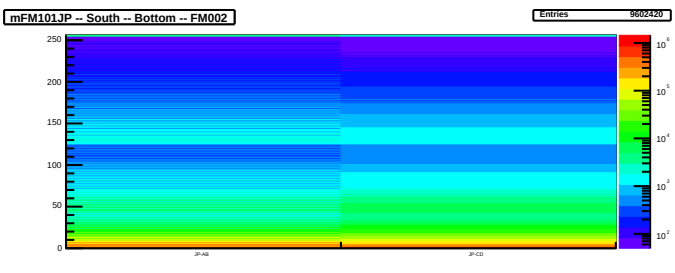
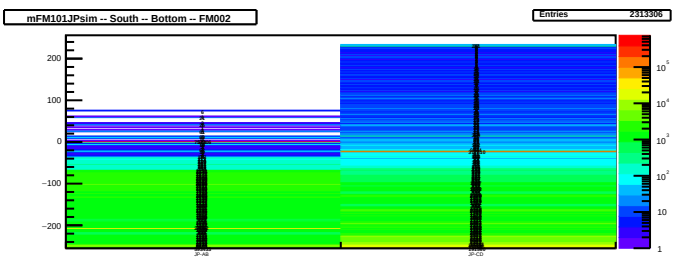
Entries 779443
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 9602420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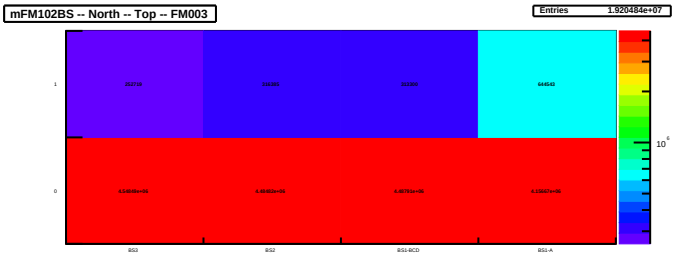
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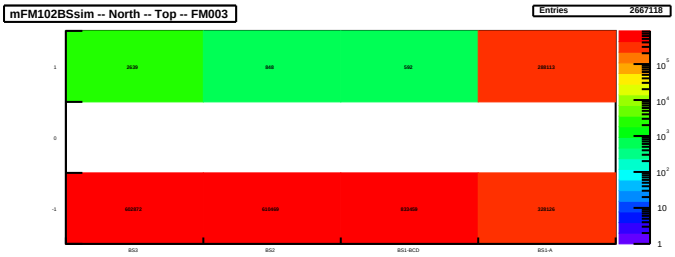
Entries 1.920484e+07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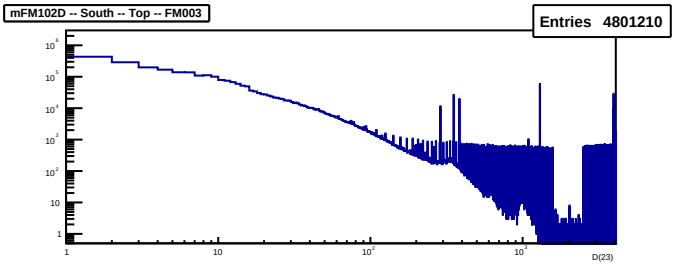
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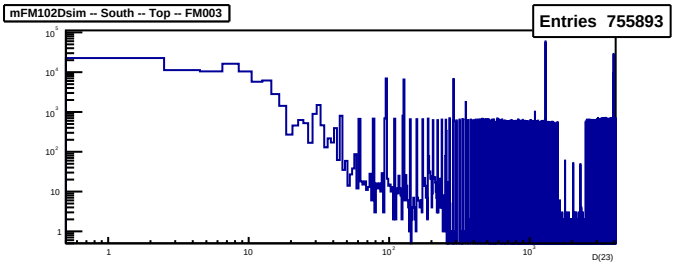
Entries 4801210
D(23)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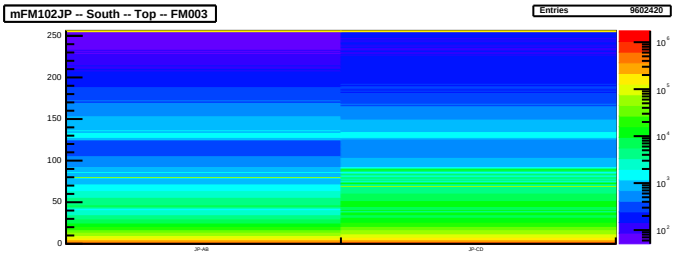
D(23)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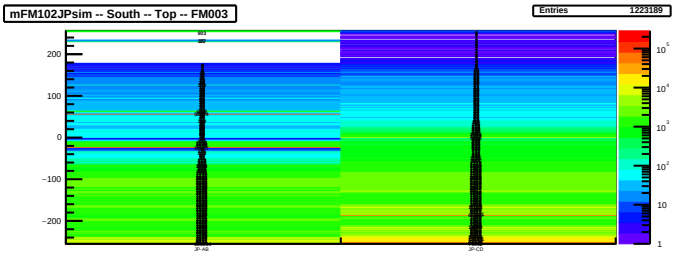
Entries 9602420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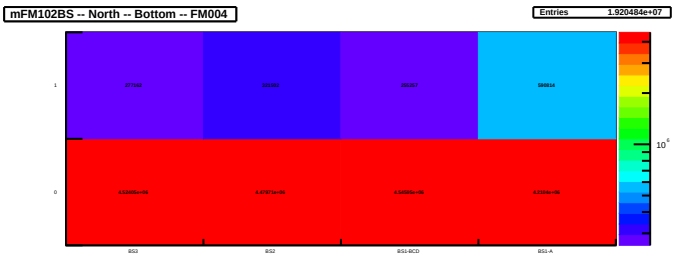
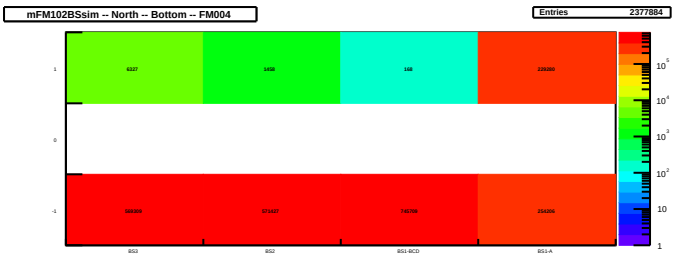

mFM102BS -- North -- Bottom -- FM004
Entries 1.920484e+07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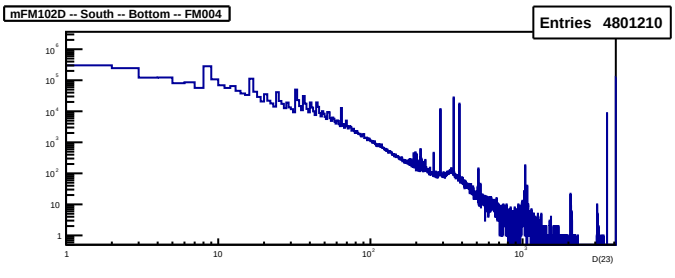
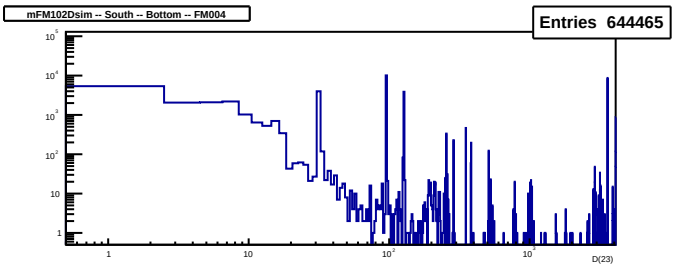

mFM102D -- South -- Bottom -- FM004
Entries 4801210
D(23)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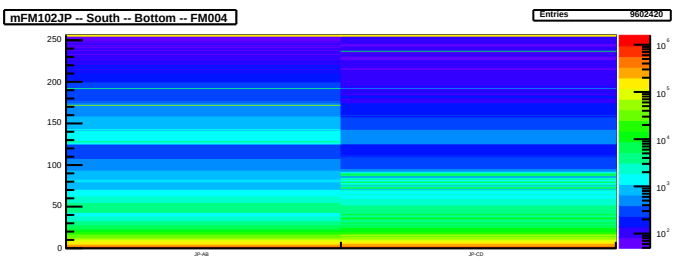
D(23)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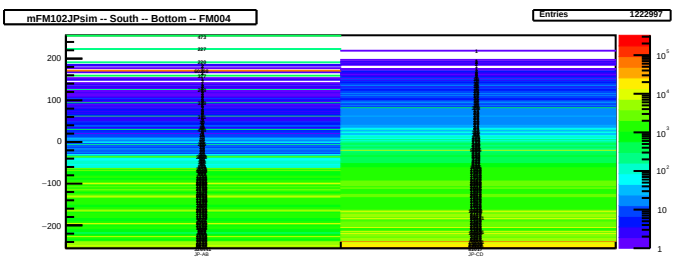
Entries 9602420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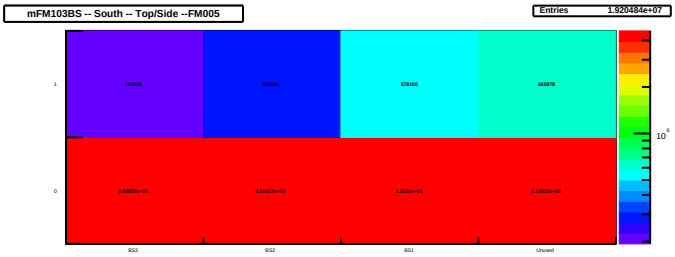
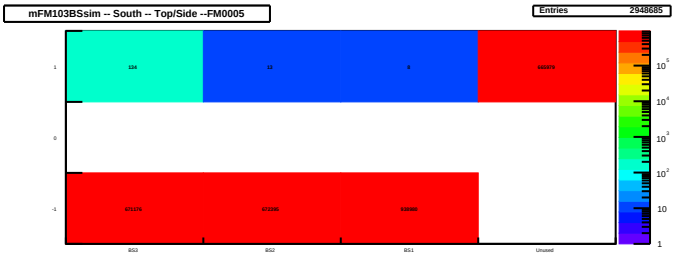

mFM103BS -- South -- Top/Side --FM005
Entries 1.920484e+07
BS3
BS2
BS1
Unused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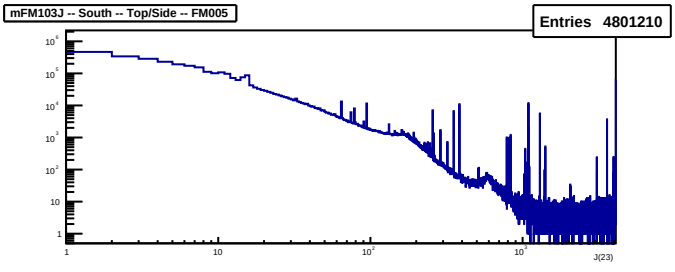
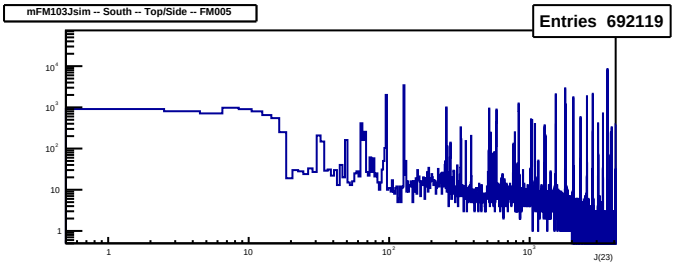
Entries 2948685
BS3
BS2
BS1
Unused


mFM103J -- South -- Top/Side -- FM005
Entries 4801210
J(23)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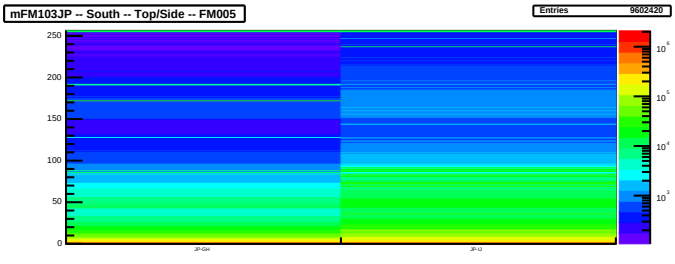
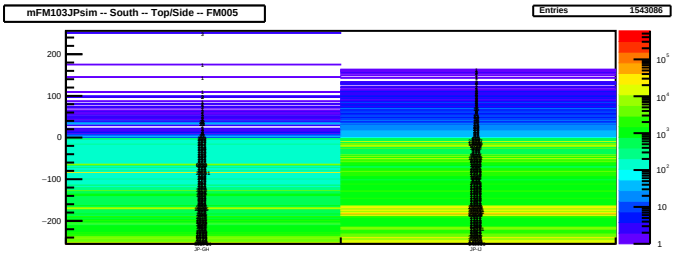
Entries 692119
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 9602420
JP-GH
JP-IJ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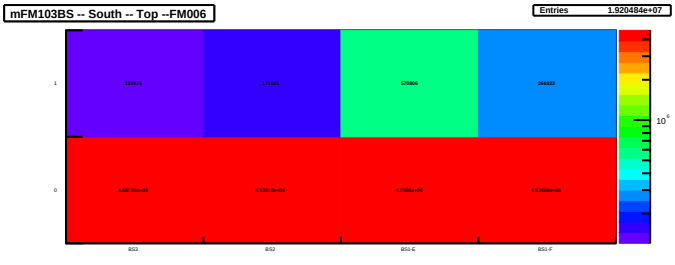
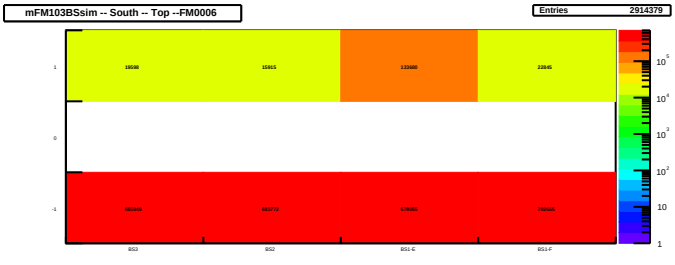
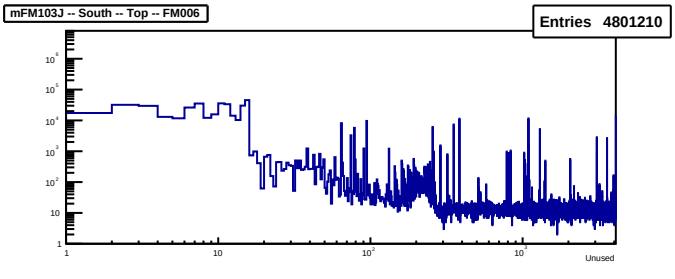
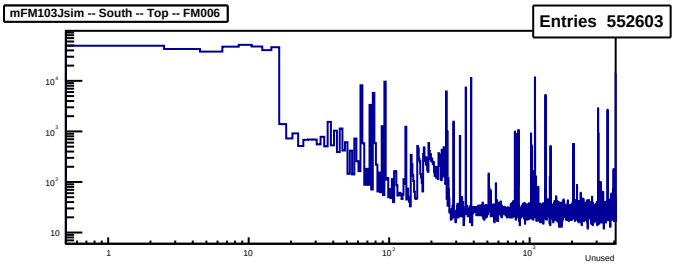
JP-GH
JP-IJ


mFM103BS -- South -- Top --FM006
Entries 1.920484e+07
BS3
BS2
BS1-E
BS1-F


mFM103BSsim -- South -- Top --FM0006
Entries 2914379
BS3
BS2
BS1-E
BS1-F


mFM103J -- South -- Top -- FM006
Entries 4801210
Unused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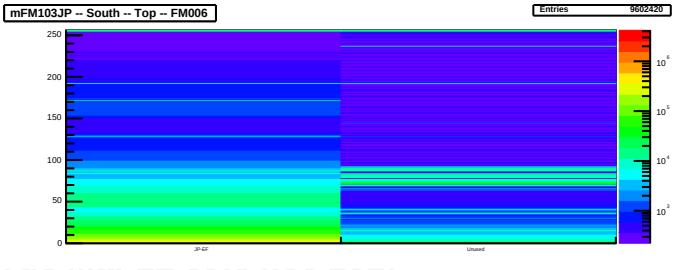
Unused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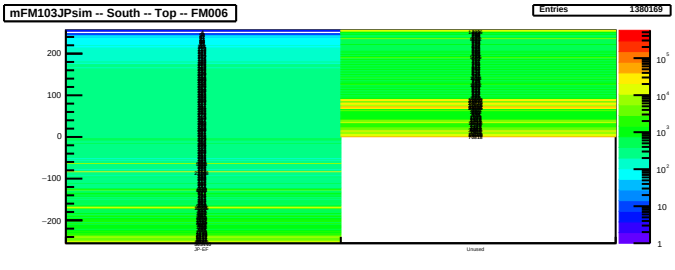
Entries 9602420
JP-EF
Unused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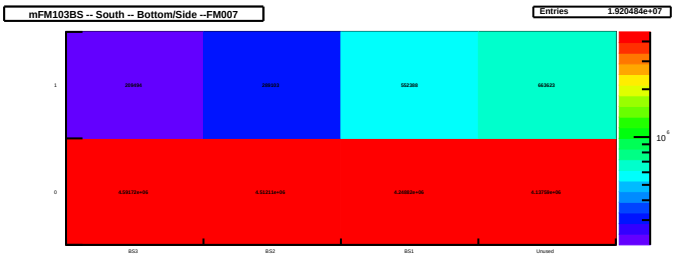
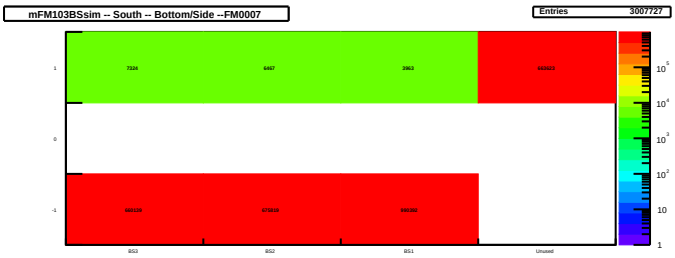
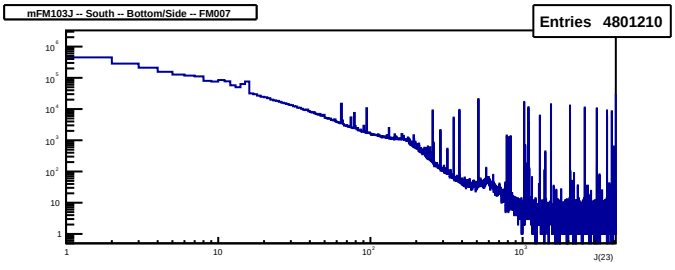
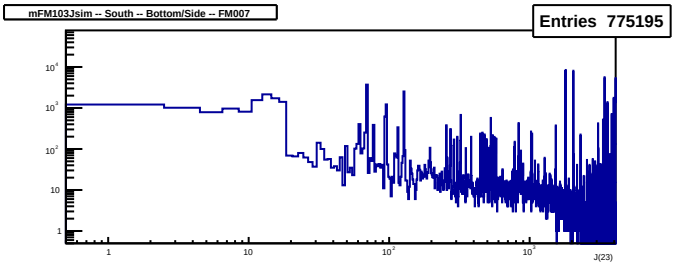
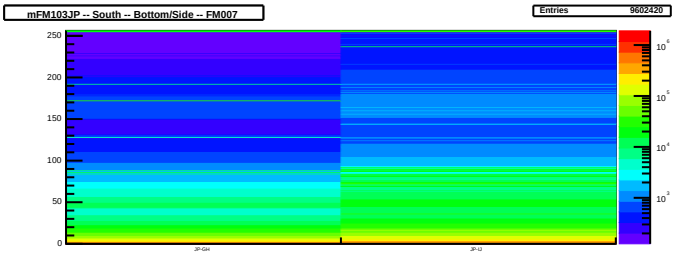
Entries 1380169
JP-EF
Unused

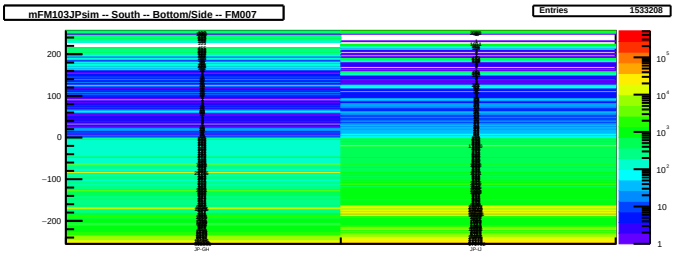

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.920484e+07


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3007727


mFM103J -- South -- Bottom/Side -- FM007
Entries 4801210
J(23)


mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 775195
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 9602420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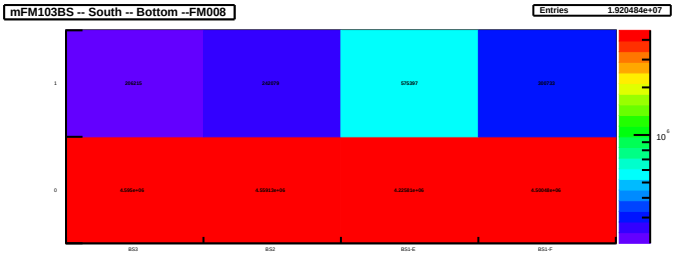
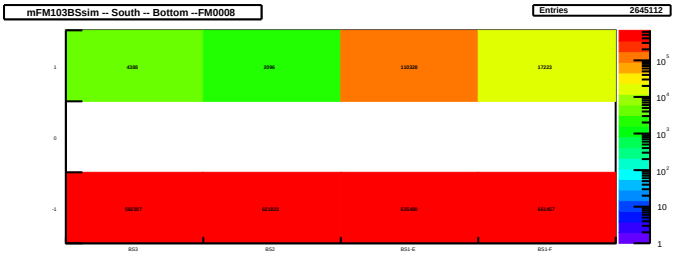
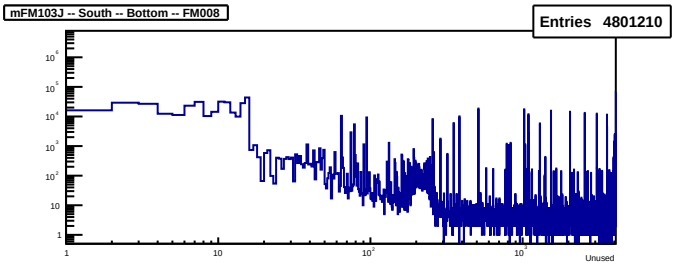
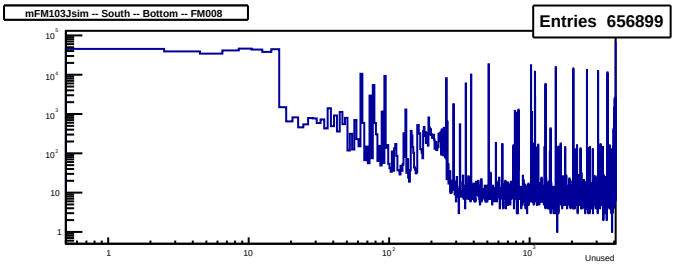
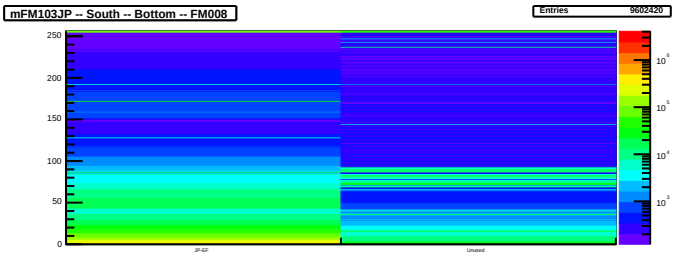
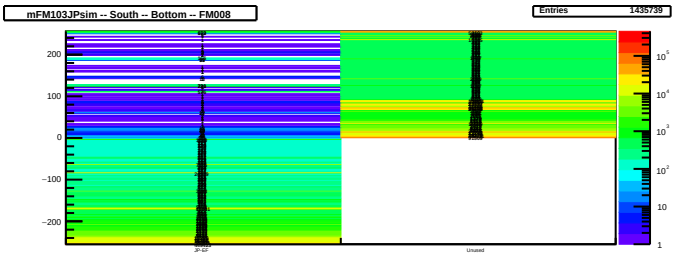

mFM103BS -- South -- Bottom --FM008
Entries 1.920484e+07


mFM103BSsim -- South -- Bottom --FM0008
Entries 2645112


mFM103J -- South -- Bottom -- FM008
Entries 4801210
Unused


mFM103Jsim -- South -- Bottom -- FM008
Entries 656899
Unused


mFM103JP -- South -- Bottom -- FM008
Entries 9602420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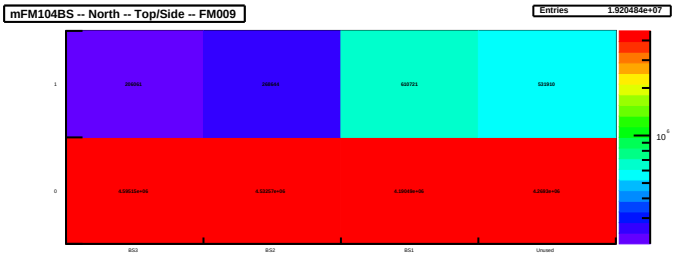
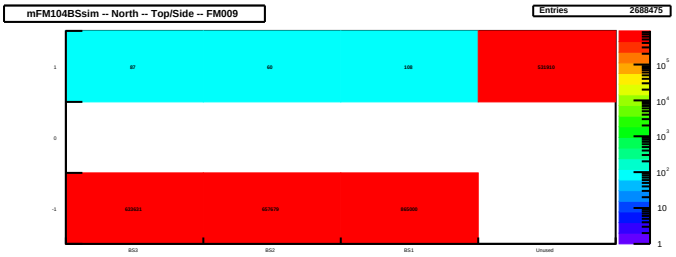
Entries 1435739


mFM104BS -- North -- Top/Side -- FM009
Entries 1.920484e+07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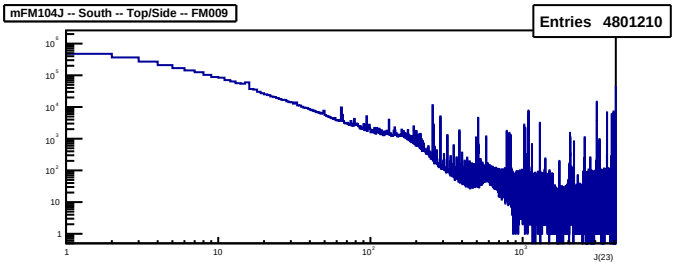
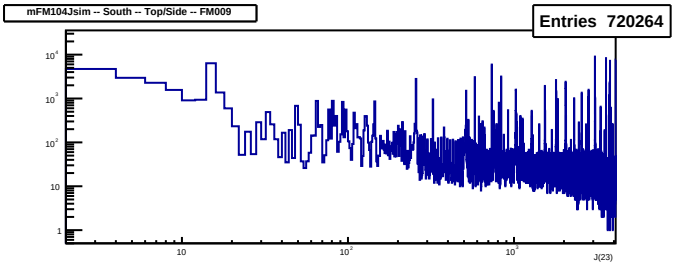
Entries 2688475


mFM104J -- South -- Top/Side -- FM009
Entries 4801210
J(23)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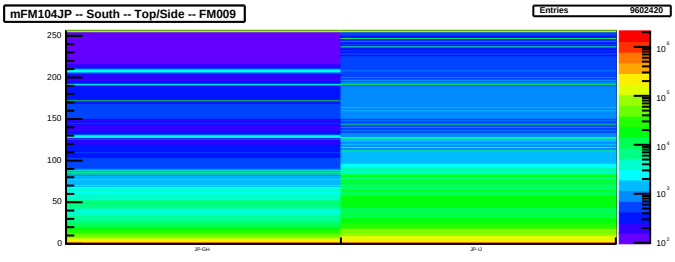
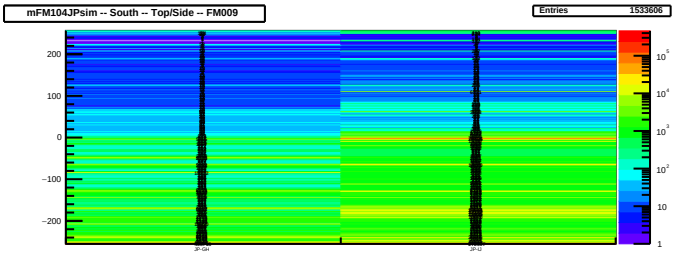
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9602420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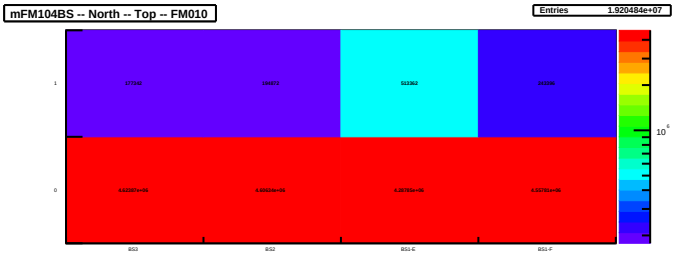
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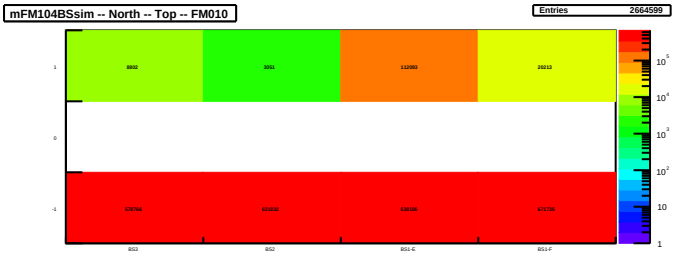
Entries 1.920484e+07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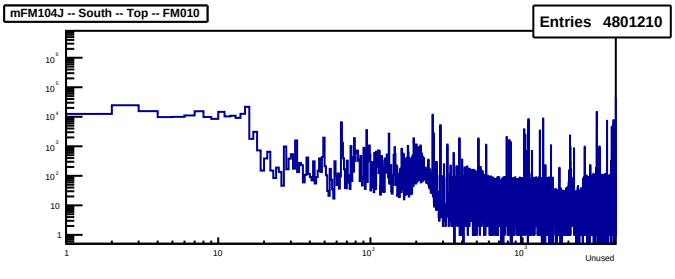
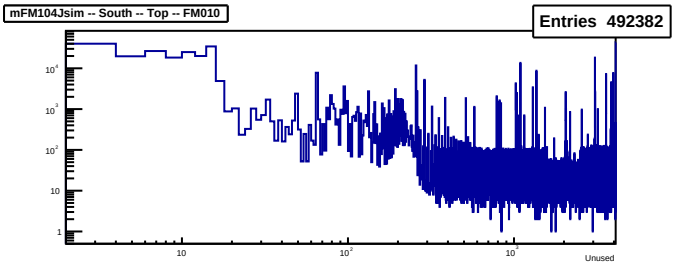

mFM104J -- South -- Top -- FM010
Entries 4801210
Unused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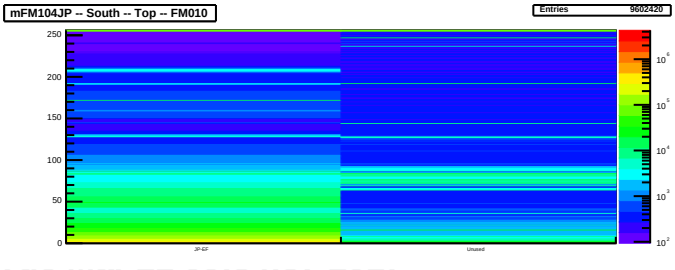
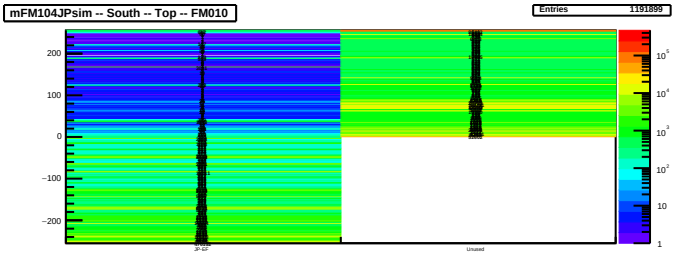
Unused


mFM104JP -- South -- Top -- FM010
Entries 9602420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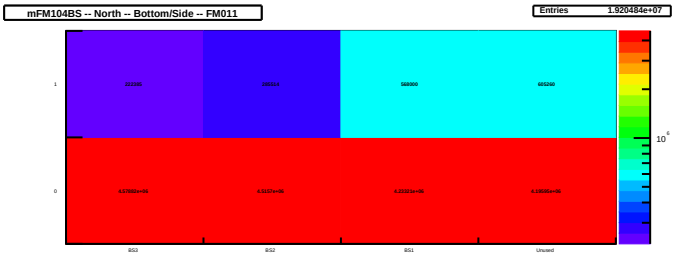
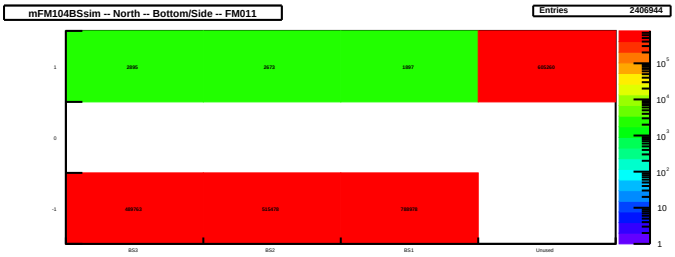
Entries 1191899


mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.920484e+07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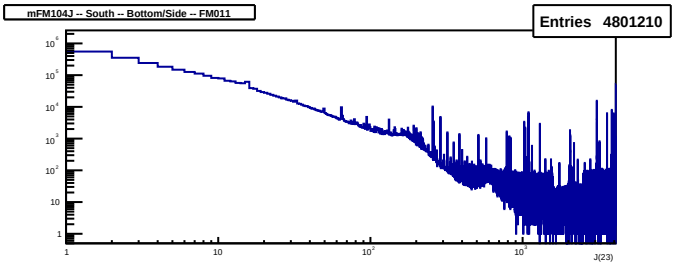
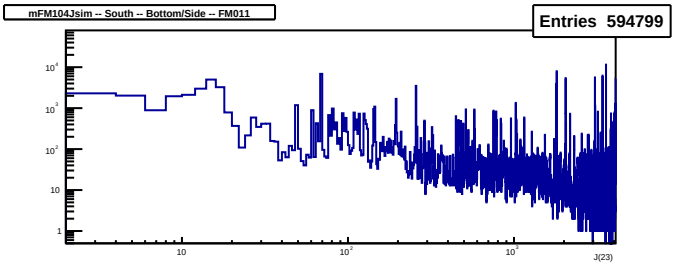
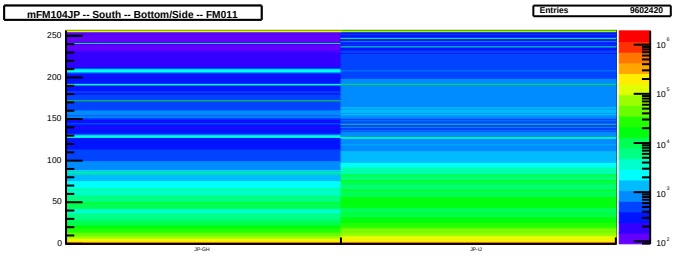
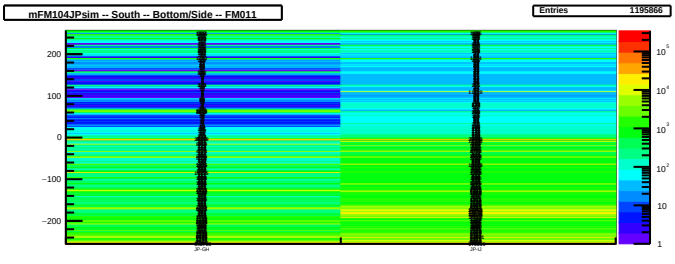
Entries 2406944


mFM104J -- South -- Bottom/Side -- FM011
Entries 4801210
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 594799
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 9602420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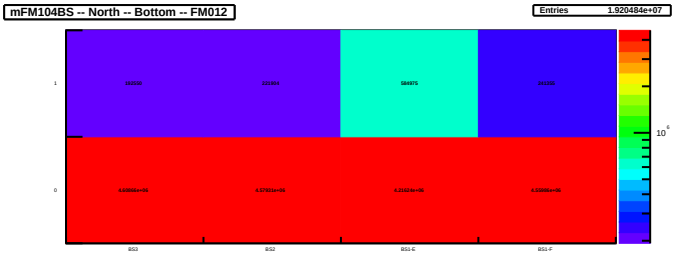
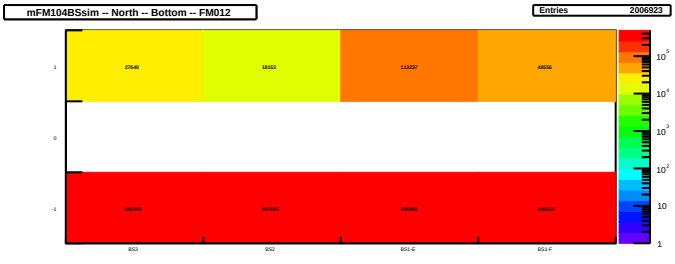
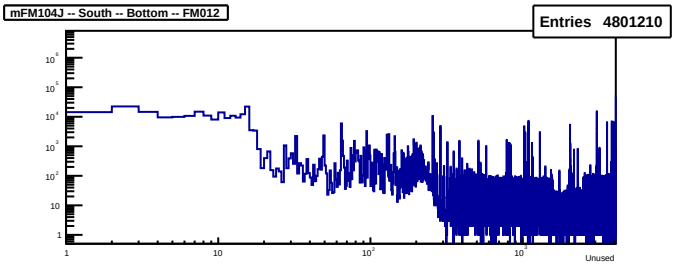
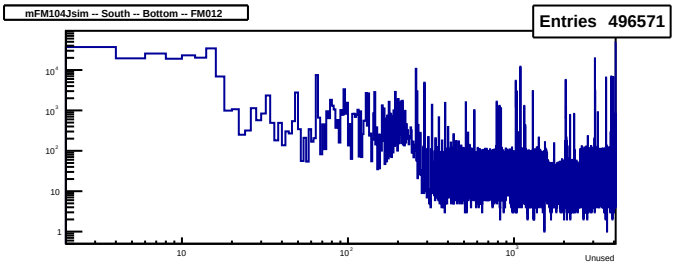
Entries 1195866


mFM104BS -- North -- Bottom -- FM012
Entries 1.920484e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 2006923


mFM104J -- South -- Bottom -- FM012
Entries 4801210
Unused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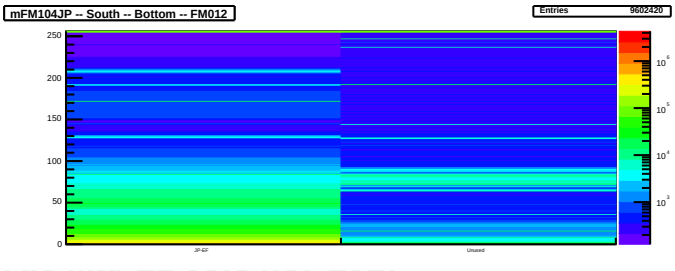
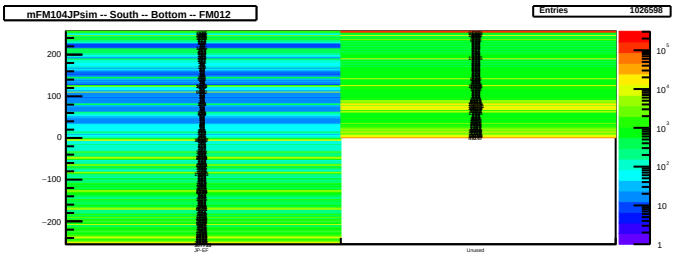
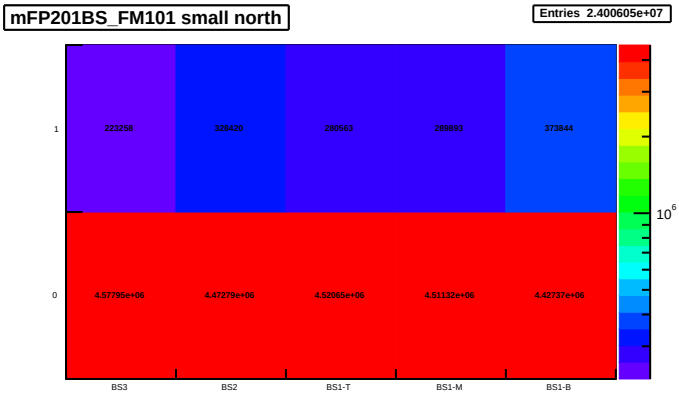
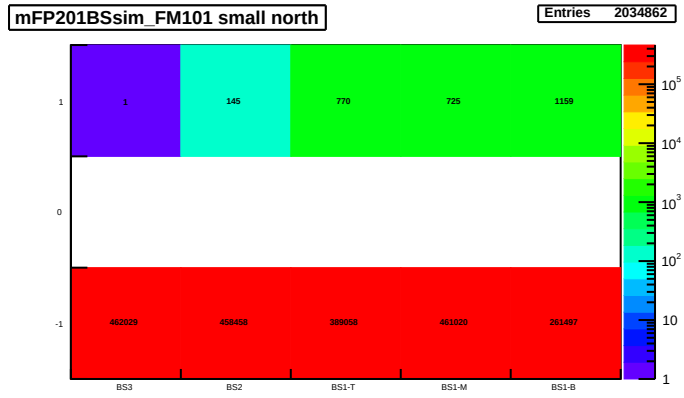
Entries 496571
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 9602420


mFM104JPsim -- South -- Bottom -- FM012
Entries 1026598


mFP201BS_FM101 small north
Entries 2.400605e+07
1
0
223258
328420
280563
289893
373844
4.57795e+06
4.47279e+06
4.52065e+06
4.51132e+06
4.42737e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 2034862
1
0
-1
1
145
770
725
1159
462029
458458
389058
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BS3
BS2
BS1-T
BS1-M
BS1-B
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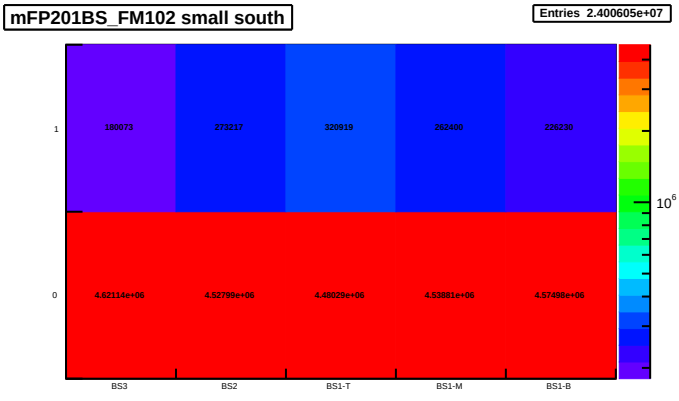
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 2.400605e+07
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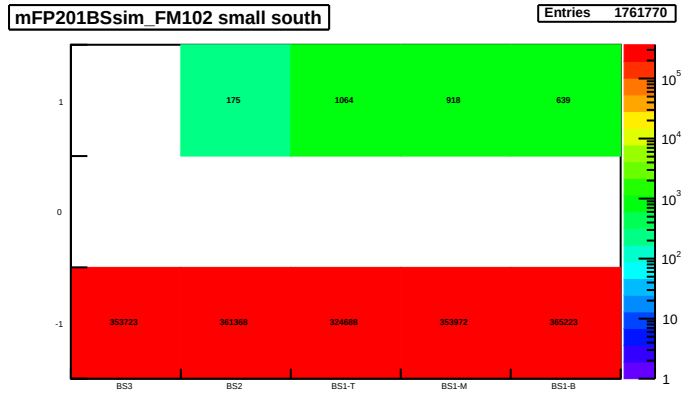
0
180073
273217
320919
262400
226230
4.62114e+06
4.52799e+06
4.48029e+06
4.53881e+06
4.57498e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 1761770
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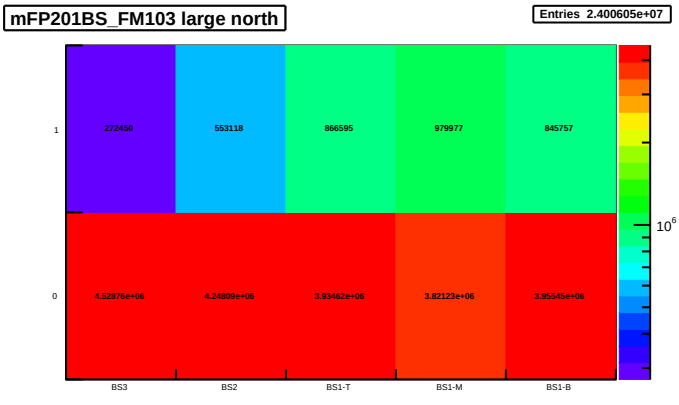
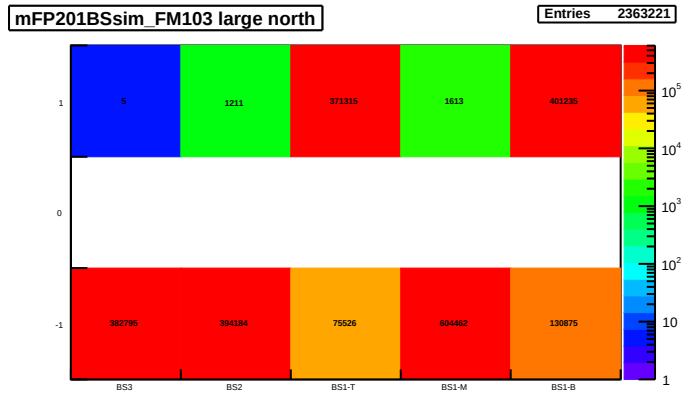
0
-1
175
1064
918
639
353723
361368
324688
353972
365223
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 2.400605e+07
1
0
272450
553118
866595
979977
845757
4.52876e+06
4.24809e+06
3.93462e+06
3.82123e+06
3.95545e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 2363221
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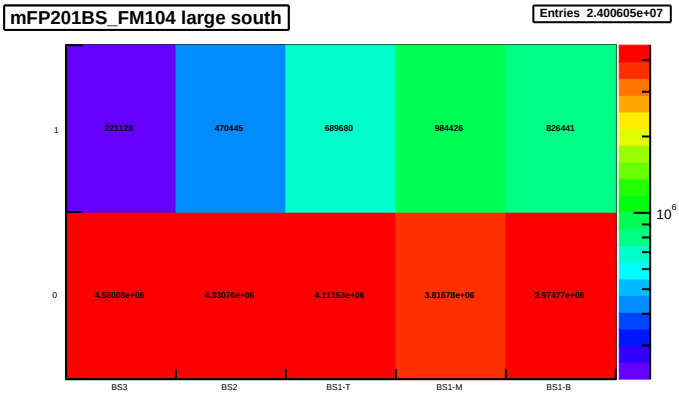
0
-1
5
1211
371315
1613
401235
382795
394184
75526
604462
130875
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM104 large south
Entries 2.400605e+07
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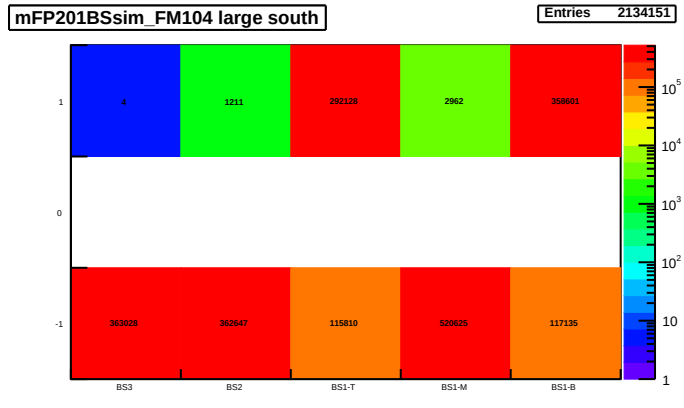
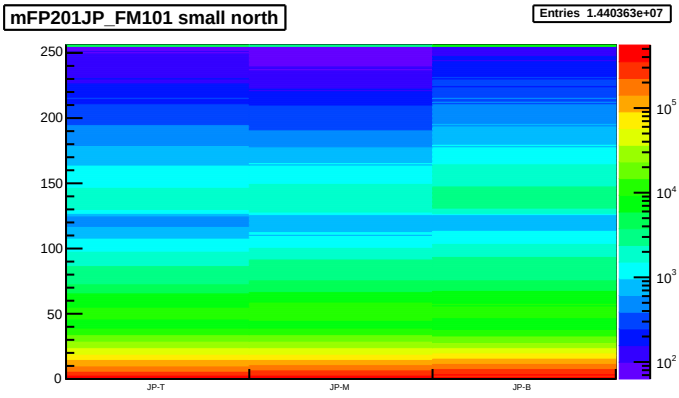
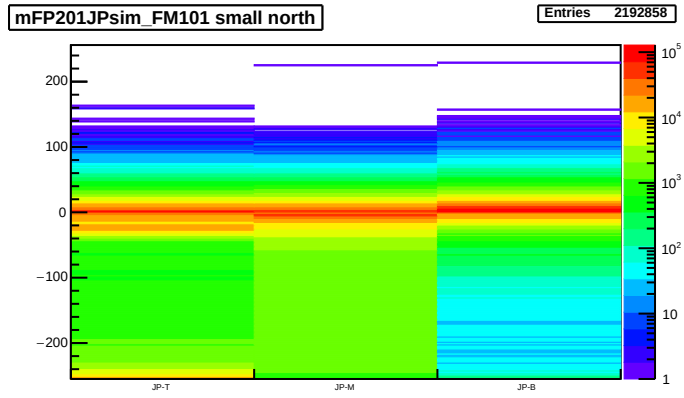
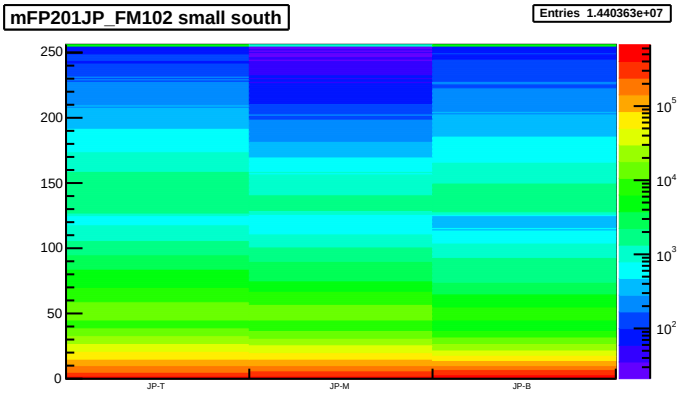
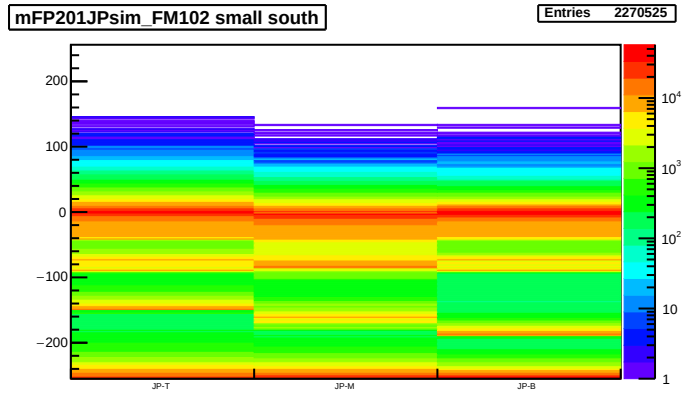
0
221128
470445
689680
984426
826441
4.58008e+06
4.33076e+06
4.11153e+06
3.81678e+06
3.97477e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

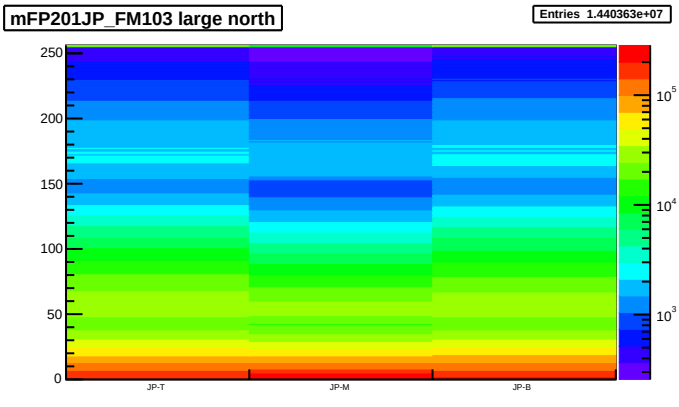

mFP201BSsim_FM104 large south
Entries 2134151
1
0
-1
4
1211
292128
2962
358601
363028
362647
115810
520625
117135
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

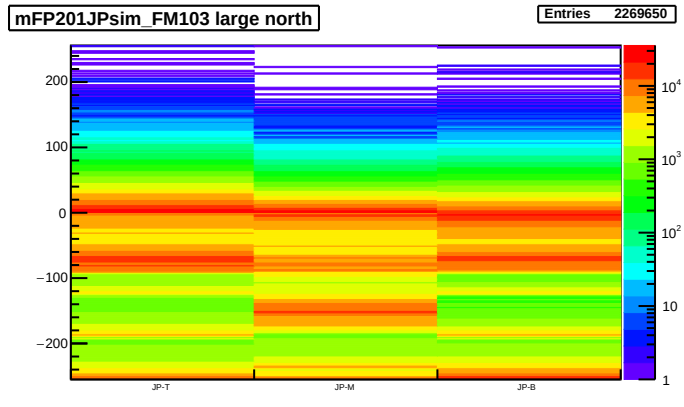

mFP201JP_FM101 small north
Entries 1.440363e+07
JP-T
JP-M
JP-B

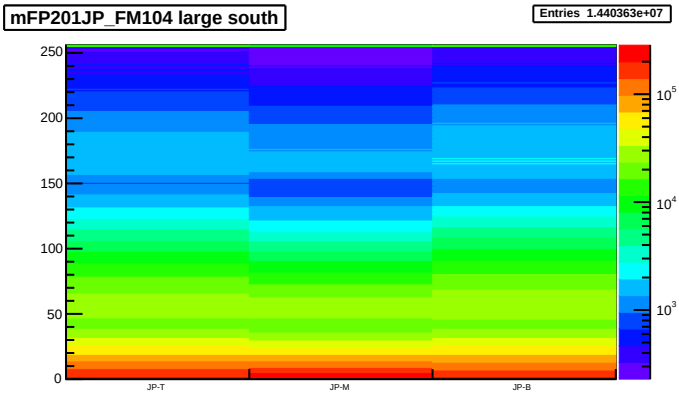

mFP201JPsim_FM101 small north
Entries 2192858
JP-T
JP-M
JP-B

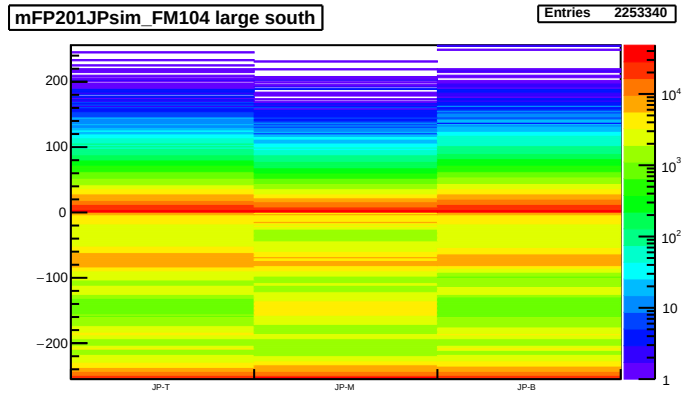

mFP201JP_FM102 small south
Entries 1.440363e+07
JP-T
JP-M
JP-B

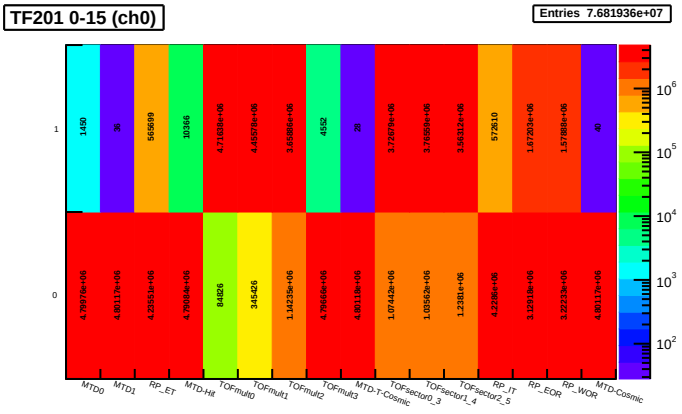

mFP201JPsim_FM102 small south
Entries 2270525
JP-T
JP-M
JP-B

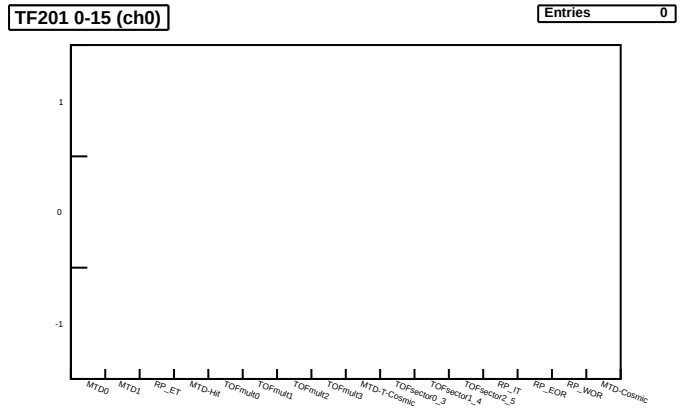

mFP201JP_FM103 large north
Entries 1.440363e+07
JP-T
JP-M
JP-B

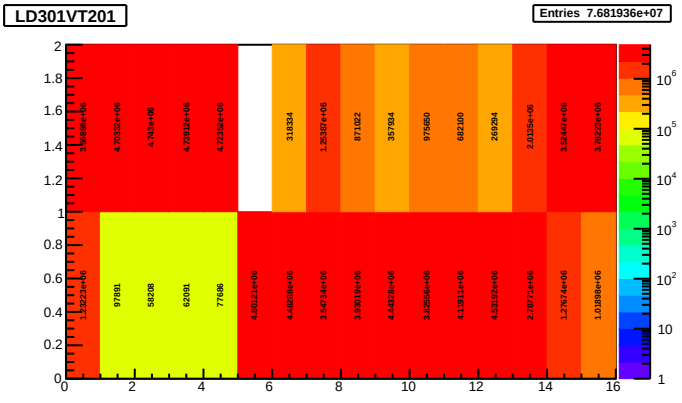

mFP201JPsim_FM103 large north
Entries 2269650
JP-T
JP-M
JP-B

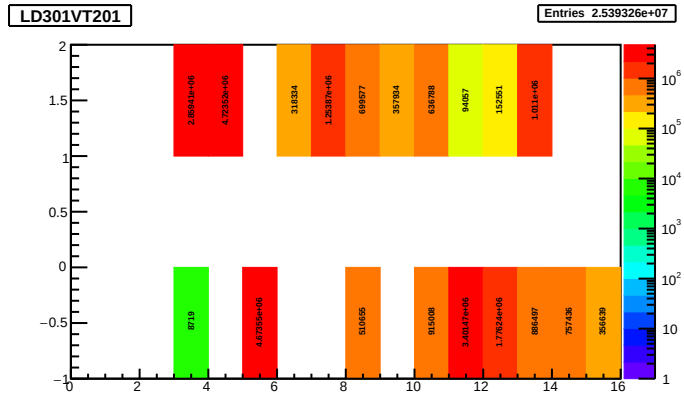

mFP201JP_FM104 large south
Entries 1.440363e+07
JP-T
JP-M
JP-B

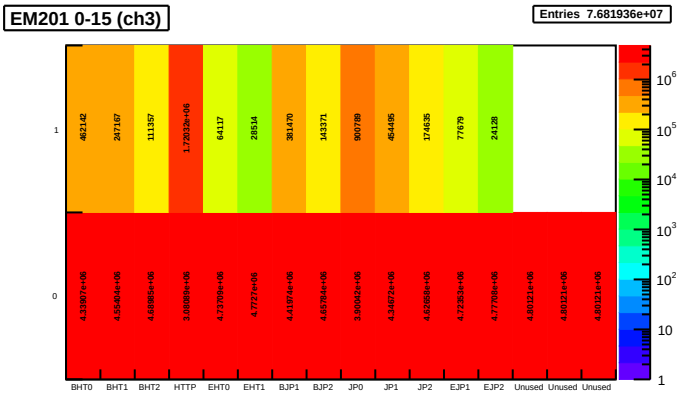

mFP201JPsim_FM104 large south
Entries 2253340
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.681936e+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 7.681936e+07


LD301VT201
Entries 2.539326e+07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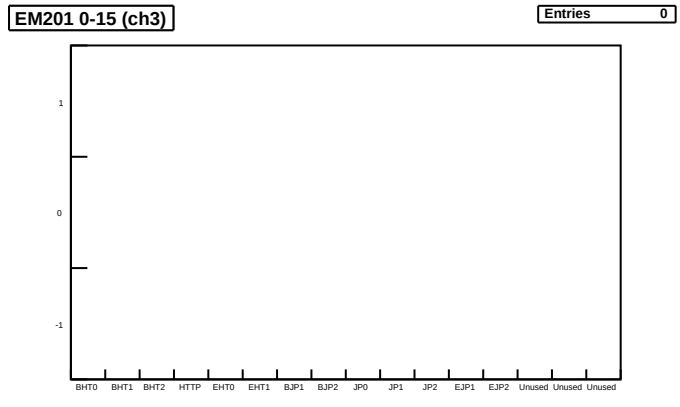
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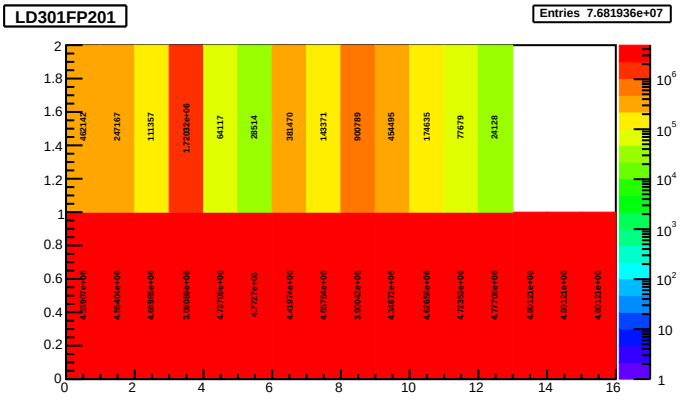
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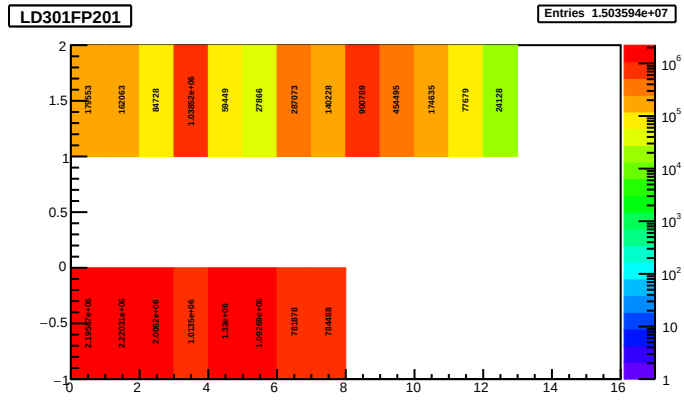
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