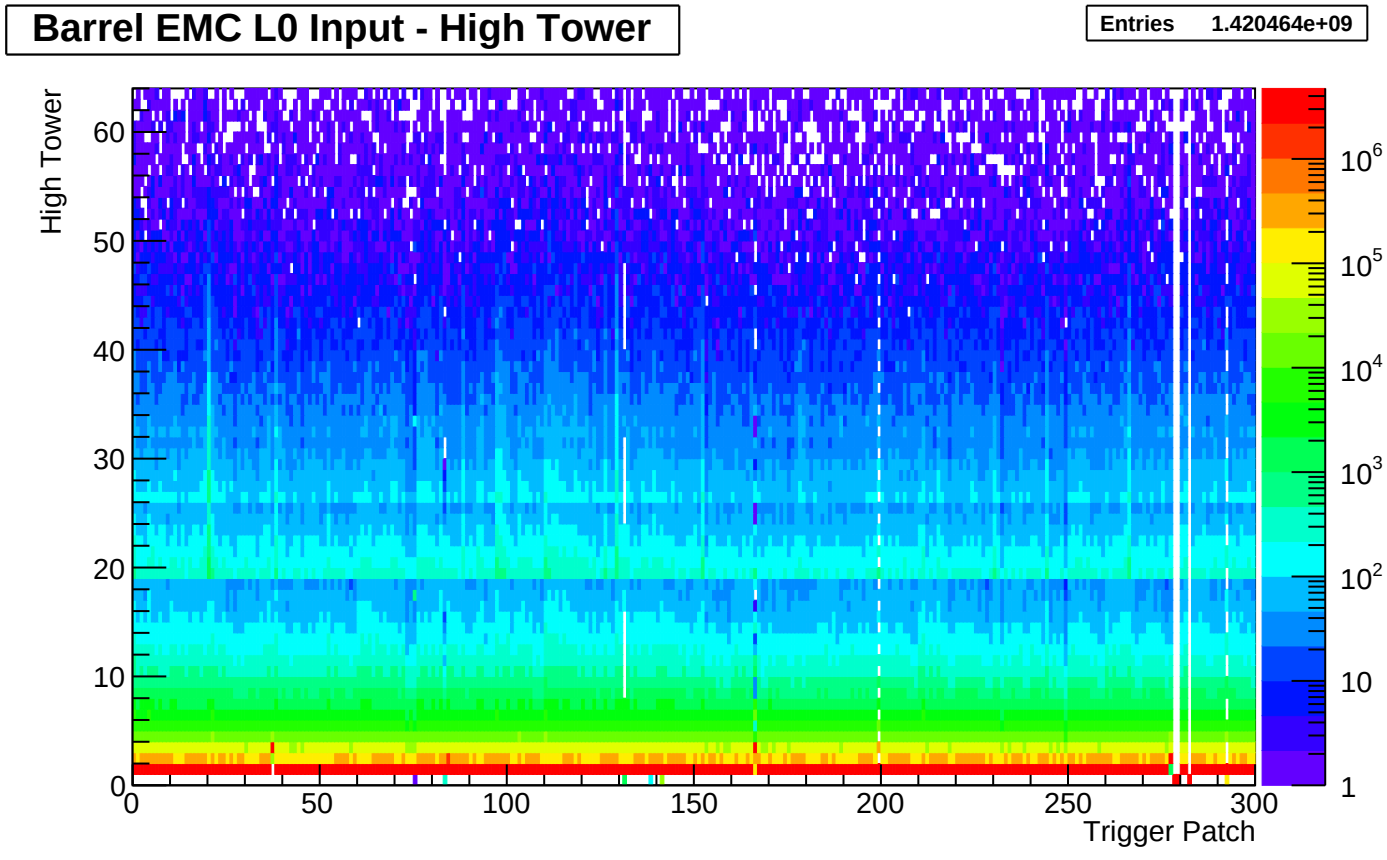
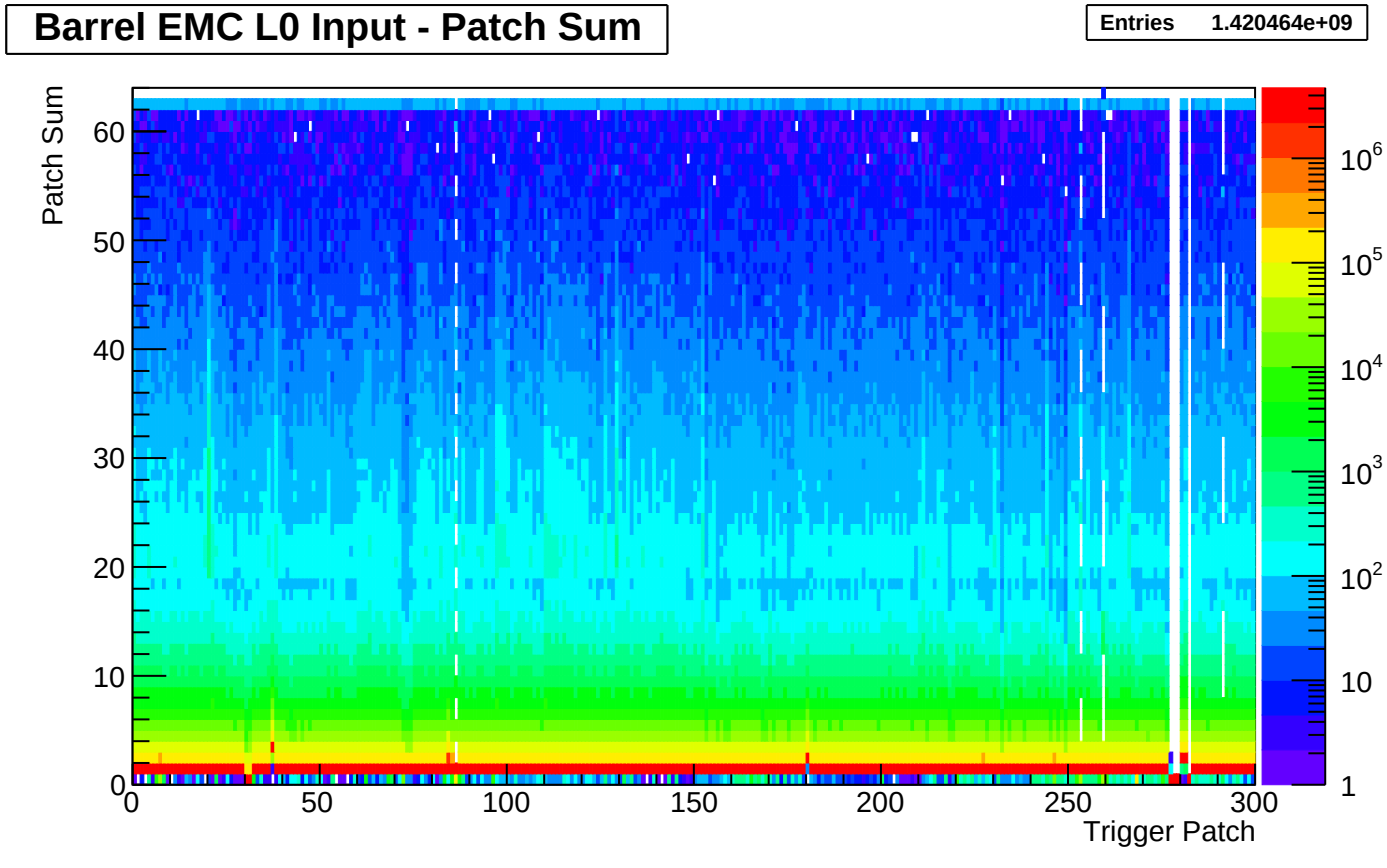
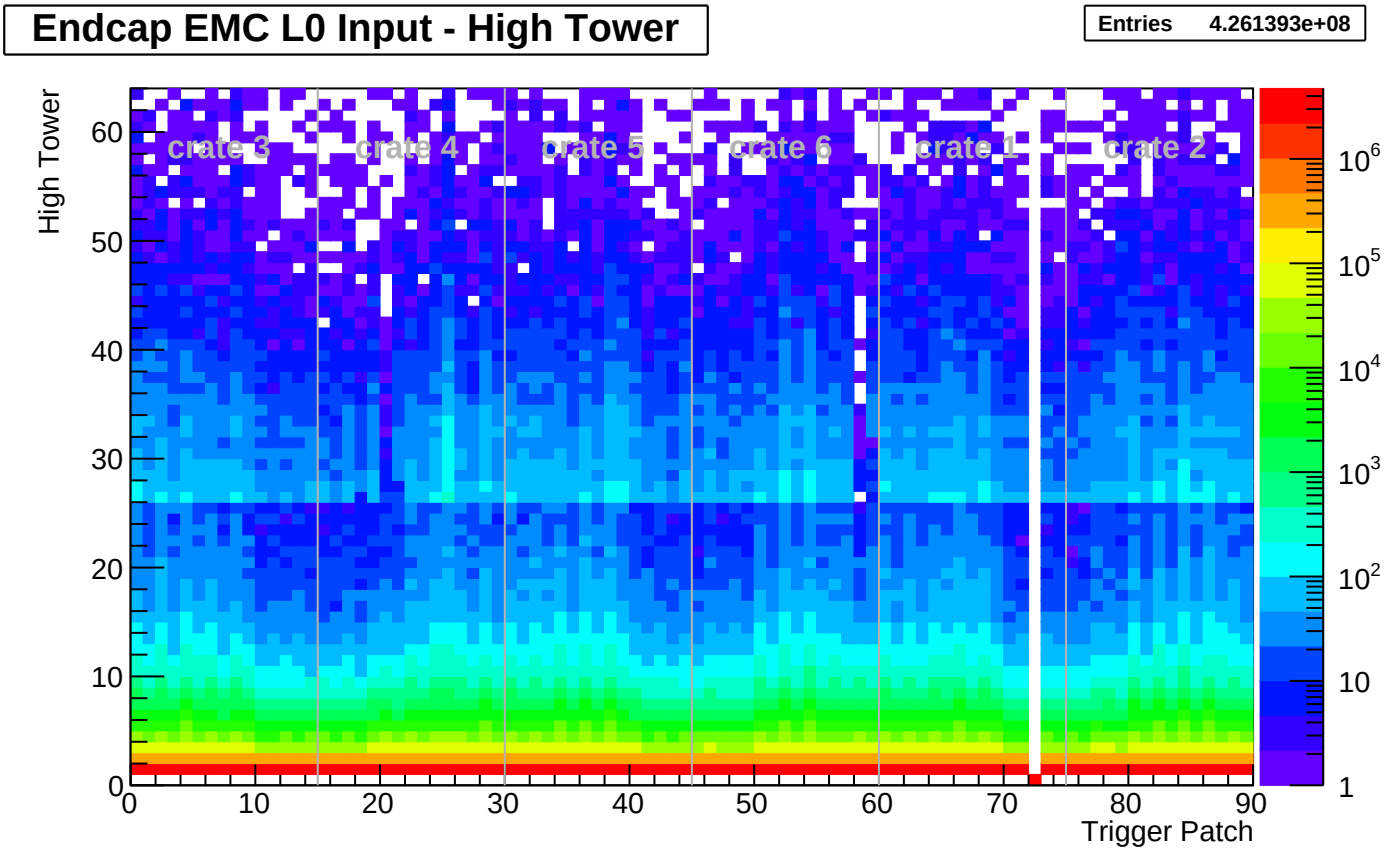
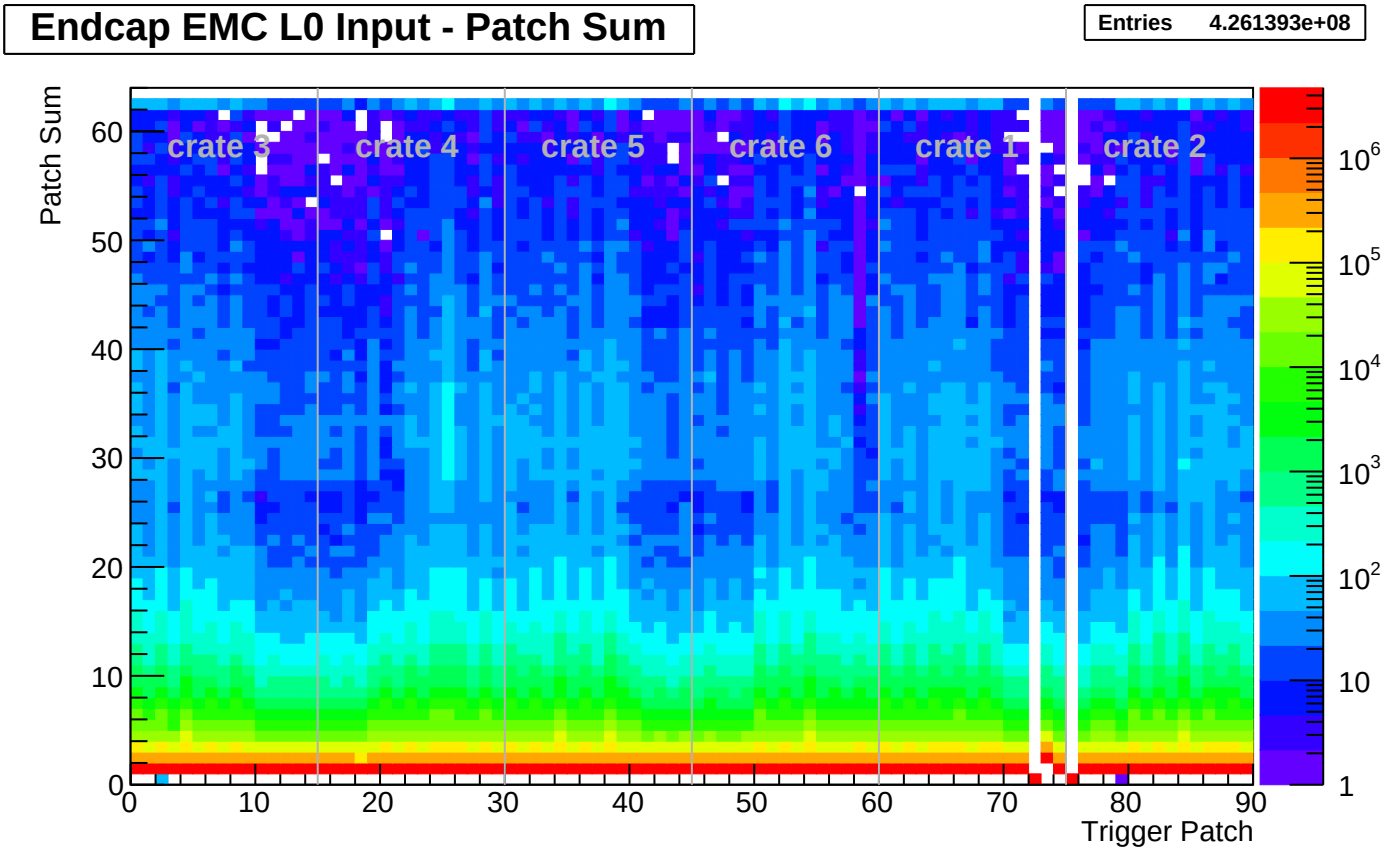
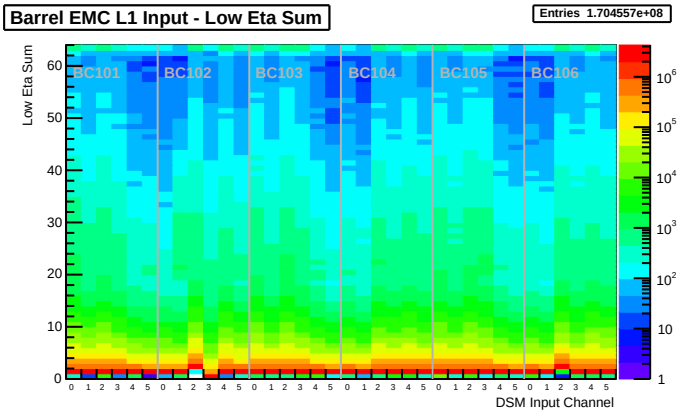
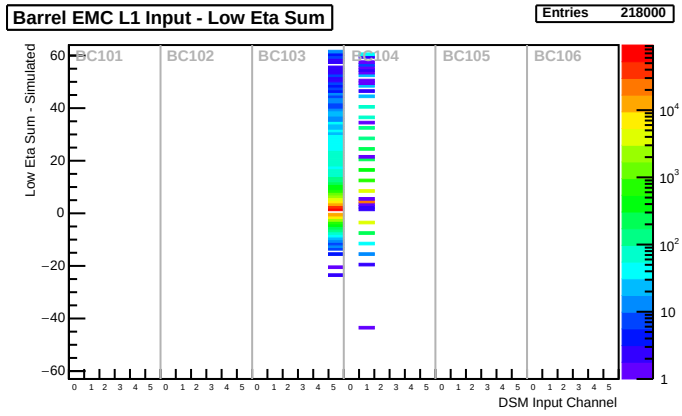

Barrel EMC L0 Input - High Tower
Entries 1.420464e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

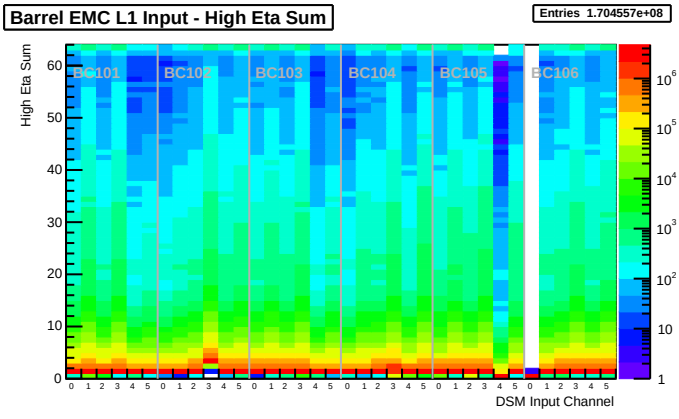

Barrel EMC L0 Input - Patch Sum
Entries 1.420464e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

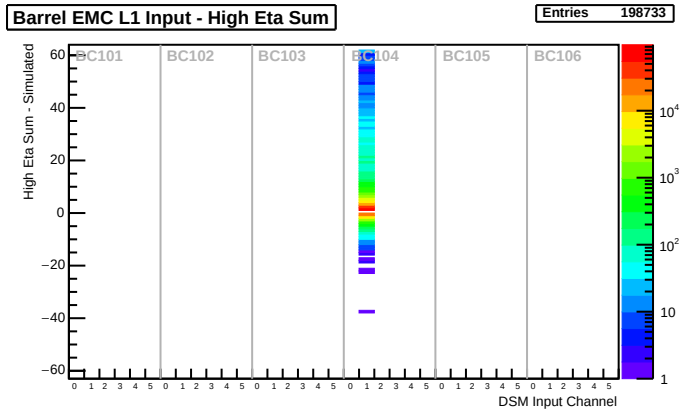

Endcap EMC L0 Input - High Tower
Entries 4.261393e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

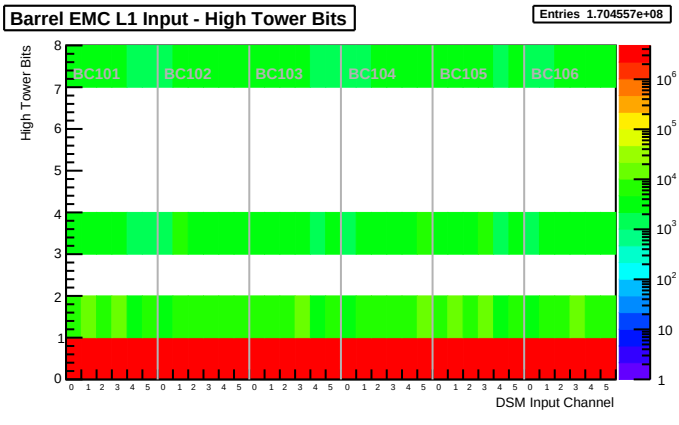

Endcap EMC L0 Input - Patch Sum
Entries 4.261393e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

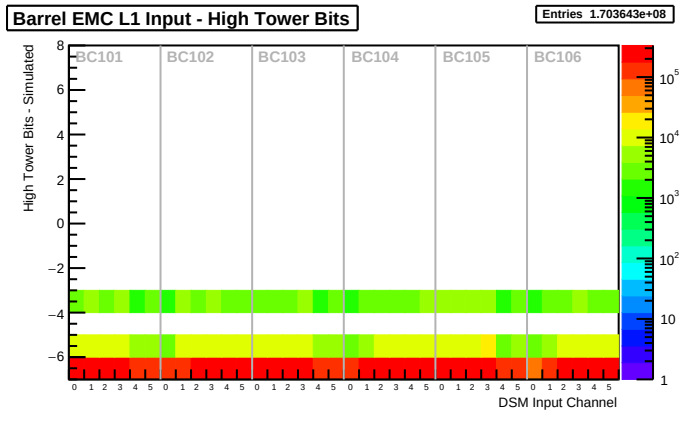

Barrel EMC L1 Input - Low Eta Sum
Entries 1.704557e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

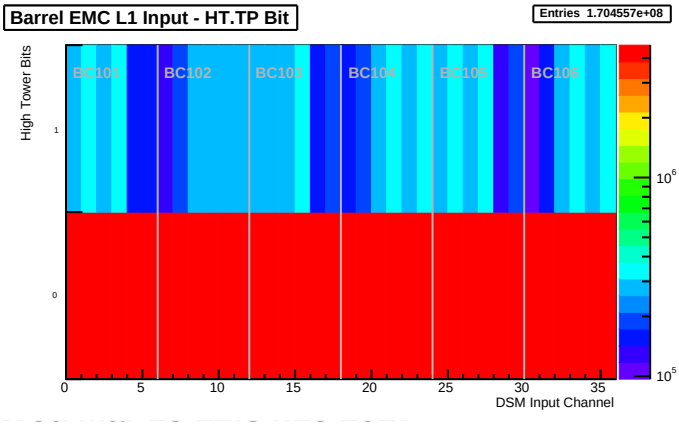

Barrel EMC L1 Input - Low Eta Sum
Entries 218000
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

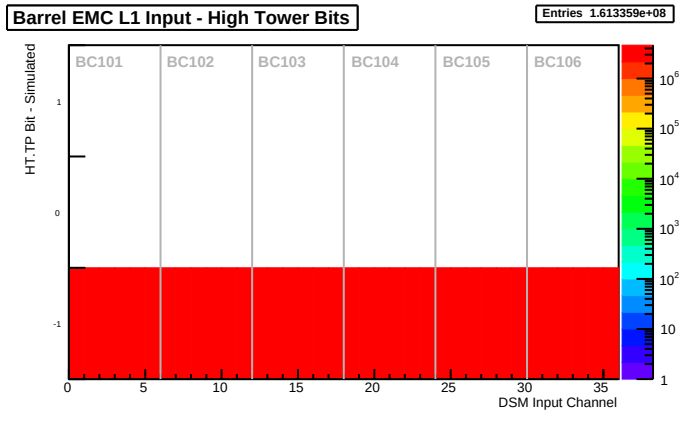

Barrel EMC L1 Input - High Eta Sum
Entries 1.704557e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

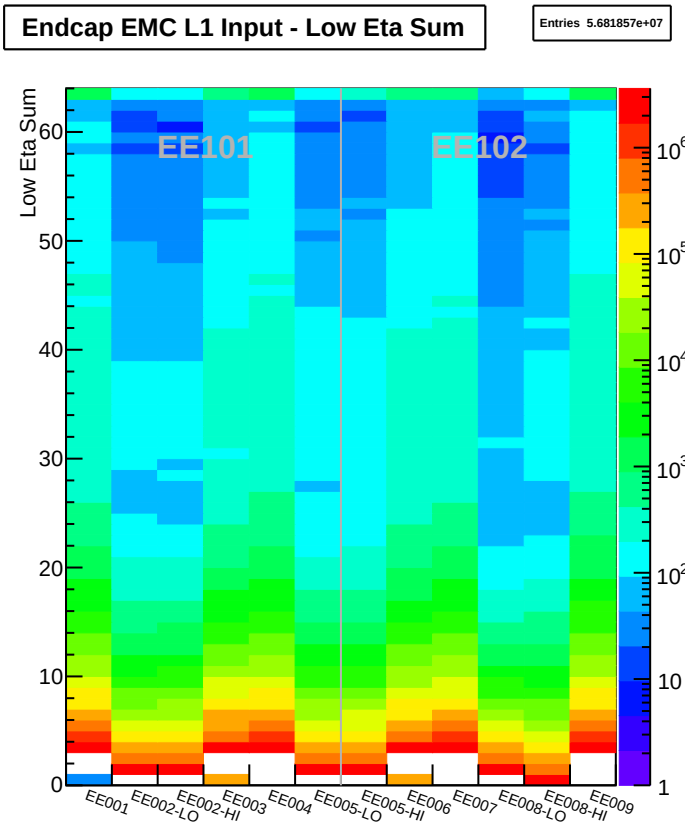

Barrel EMC L1 Input - High Eta Sum
Entries 198733
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

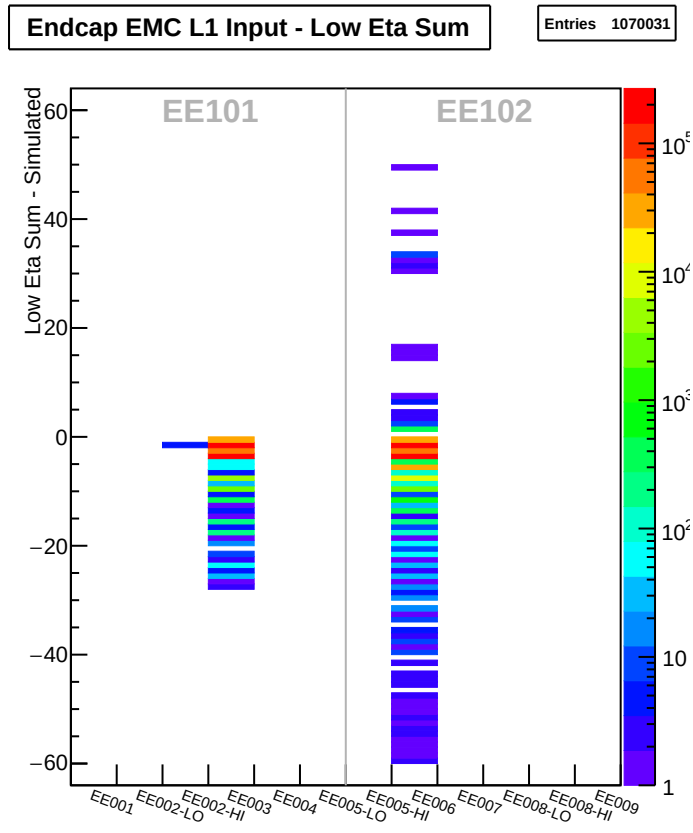

Barrel EMC L1 Input - High Tower Bits
Entries 1.704557e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

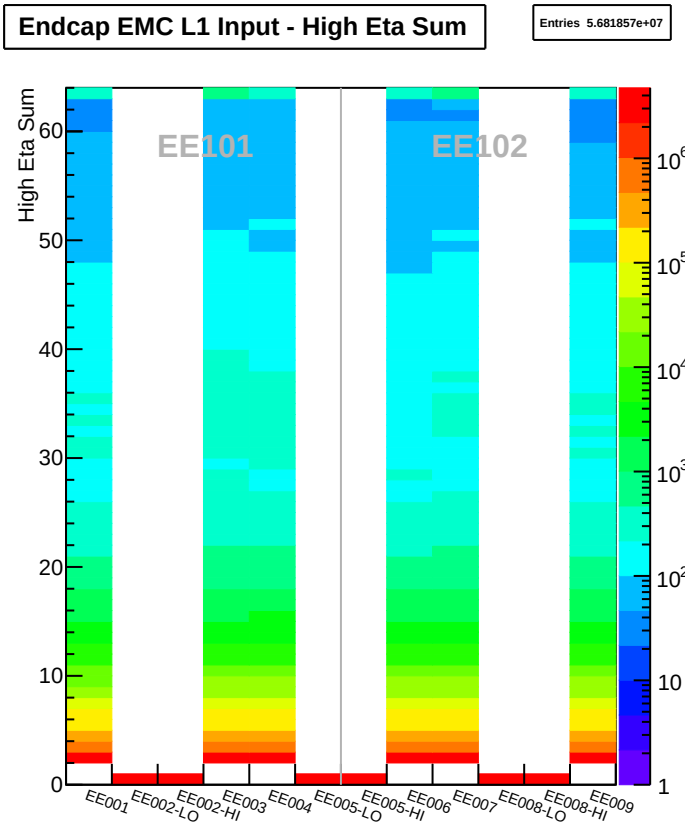

Barrel EMC L1 Input - High Tower Bits
Entries 1.703643e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

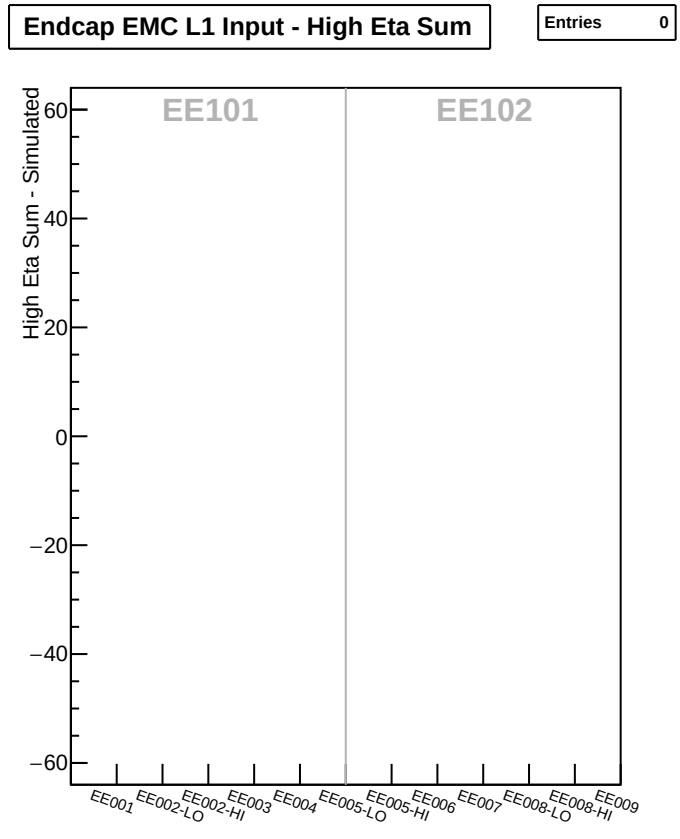

Barrel EMC L1 Input - HT.TP Bit
Entries 1.704557e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

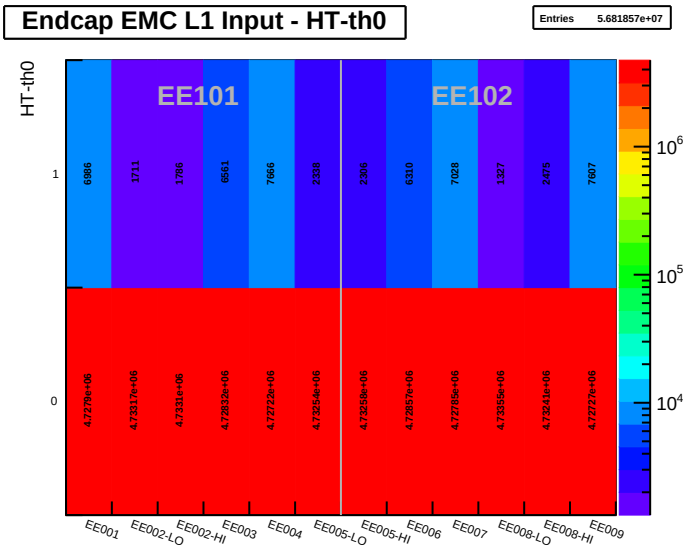

Barrel EMC L1 Input - High Tower Bits
Entries 1.613359e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

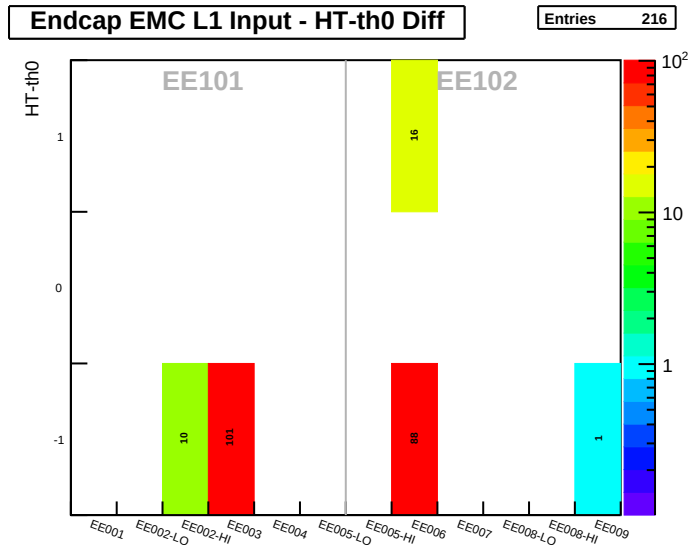

Endcap EMC L1 Input - Low Eta Sum
Entries 5.681857e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

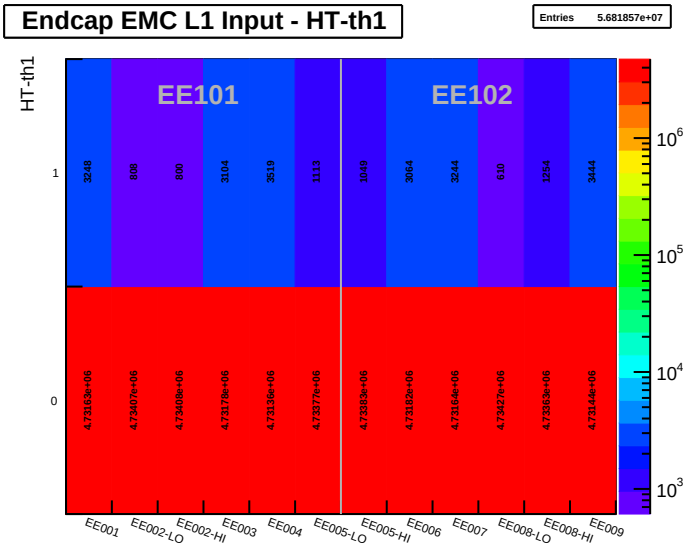

Endcap EMC L1 Input - Low Eta Sum
Entries 1070031
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

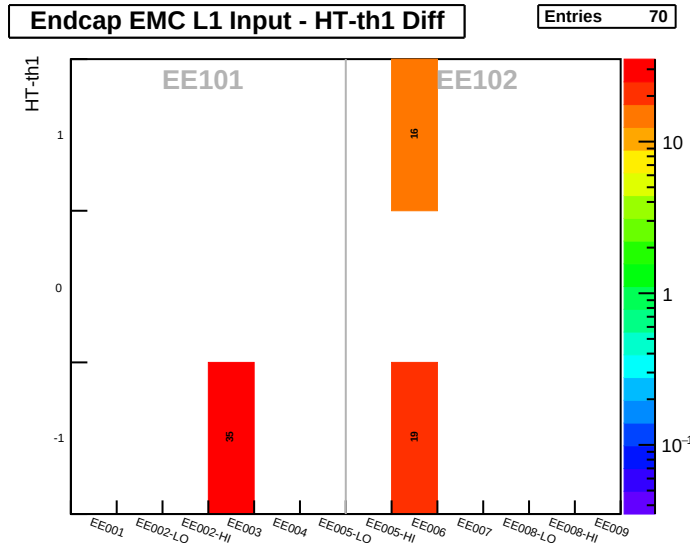

Endcap EMC L1 Input - High Eta Sum
Entries 5.681857e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

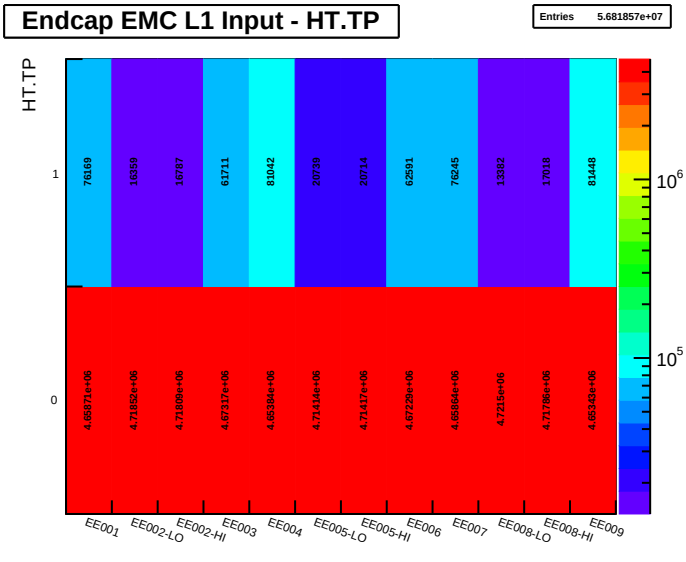

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

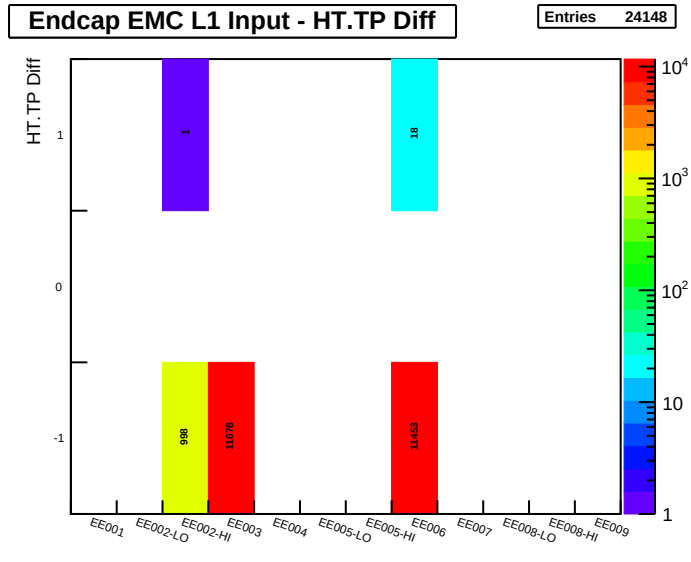

Endcap EMC L1 Input - HT-th0
Entries 5.681857e+07
HT-th0
EE101
EE102
1
0
6986 1711 1786 6561 7666 2338 2306 6310 7028 1327 2475 7607
4.7279e+06 4.73317e+06 4.7331e+06 4.72832e+06 4.72722e+06 4.73254e+06 4.73258e+06 4.72857e+06 4.72785e+06 4.73355e+06 4.73241e+06 4.72727e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

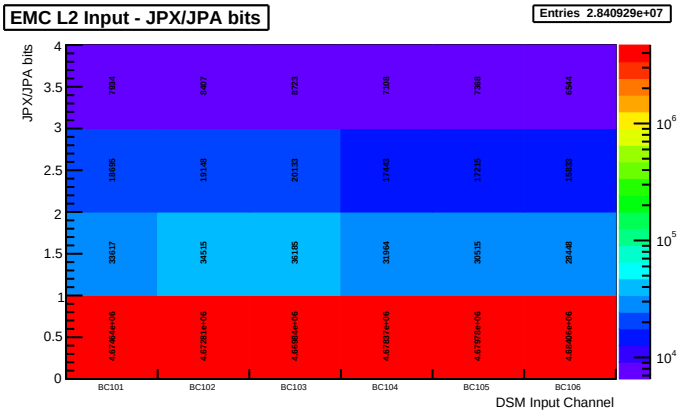

Endcap EMC L1 Input - HT-th0 Diff
Entries 216
HT-th0
EE101
EE102
1
0
-1
16
10 101 88 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^2
10
1

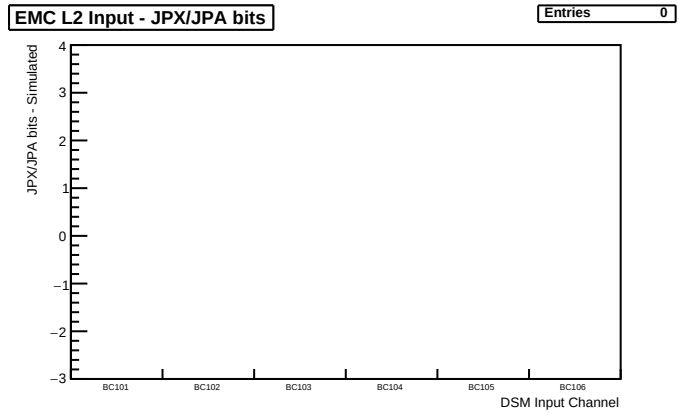

Endcap EMC L1 Input - HT-th1
Entries 5.681857e+07
HT-th1
EE101
EE102
1
0
3248 808 800 3104 3519 1113 1049 3064 3244 610 1254 3444
4.72163e+06 4.73407e+06 4.73408e+06 4.73178e+06 4.73135e+06 4.73377e+06 4.73183e+06 4.72182e+06 4.73154e+06 4.73427e+06 4.73183e+06 4.73144e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

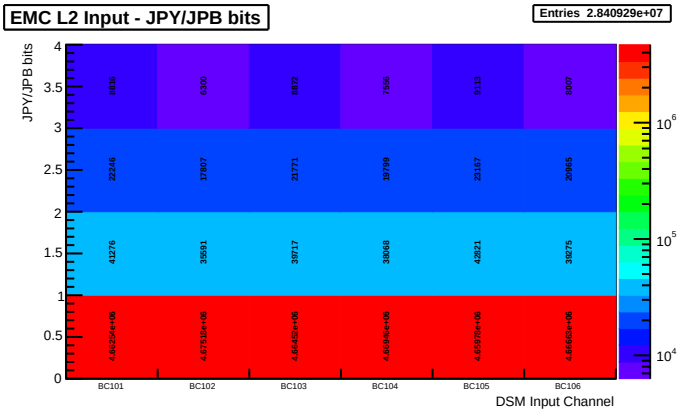

Endcap EMC L1 Input - HT-th1 Diff
Entries 70
HT-th1
EE101
EE102
1
0
-1
16
35 19
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10
1
10^{-1}

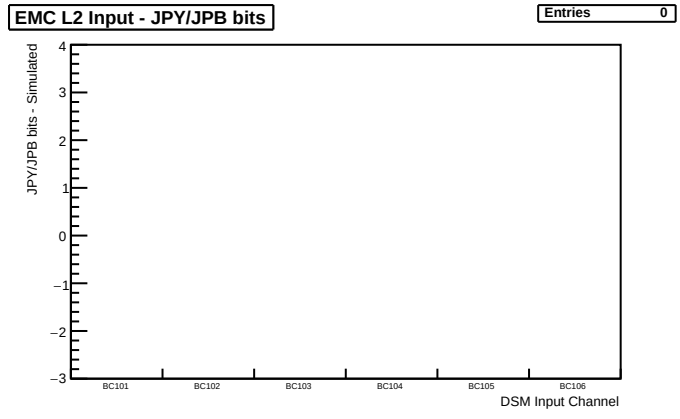

Endcap EMC L1 Input - HT.TP
Entries 5.681857e+07
HT.TP
1
0
76169 16359 16787 61711 81042 20739 20714 62591 76245 13282 17018 81448
4.66871e+06 4.71852e+06 4.71602e+06 4.67317e+06 4.65384e+06 4.71414e+06 4.71417e+06 4.67228e+06 4.65864e+06 4.7215e+06 4.71786e+06 4.65342e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5

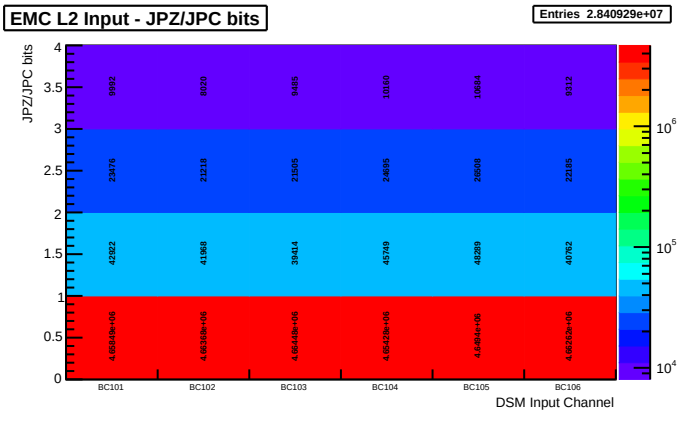

Endcap EMC L1 Input - HT.TP Diff
Entries 24148
HT.TP Diff
1
0
-1
1 18
998 11678 11453
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^4
10^3
10^2
10
1

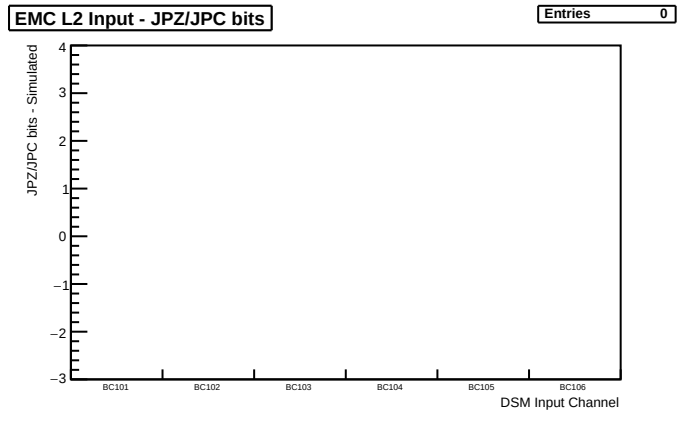

EMC L2 Input - JPX/JPA bits
Entries 2.840929e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

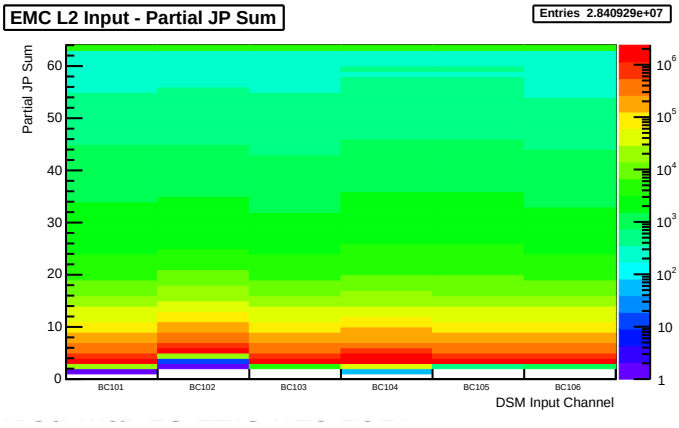

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

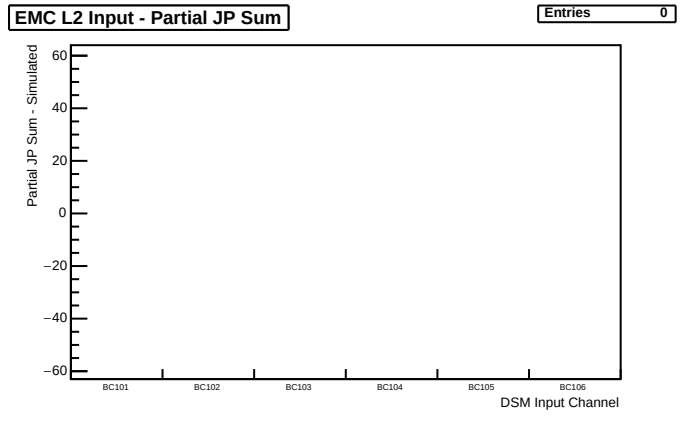

EMC L2 Input - JPY/JPB bits
Entries 2.840929e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

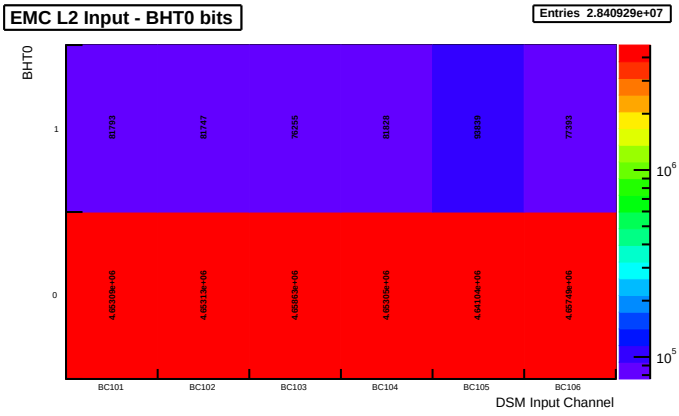

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

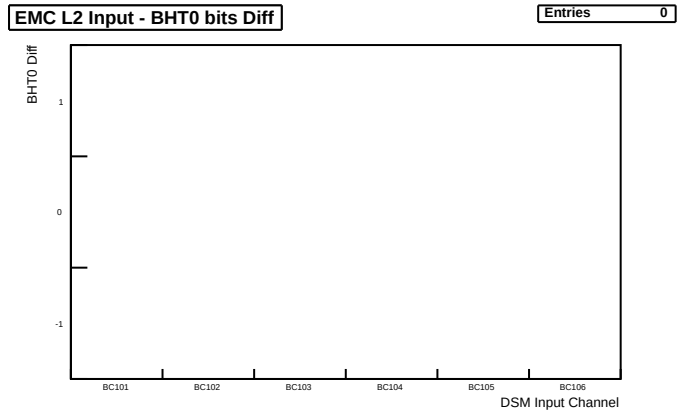

EMC L2 Input - JPZ/JPC bits
Entries 2.840929e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

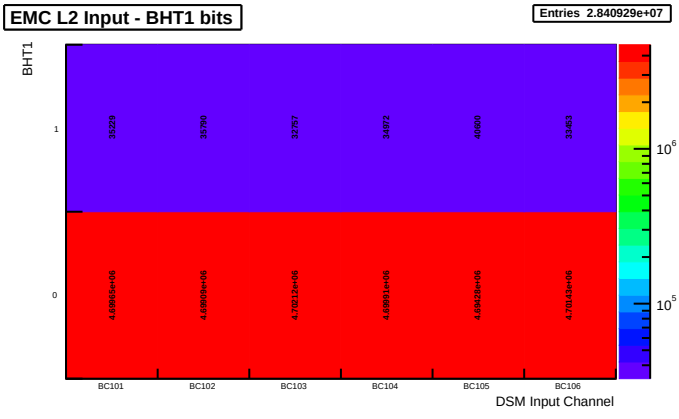

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

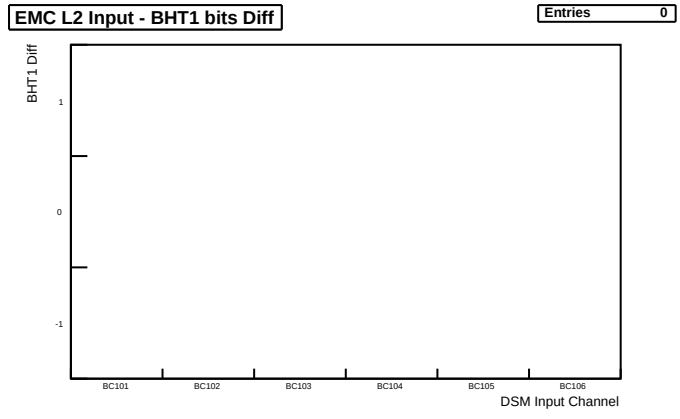

EMC L2 Input - Partial JP Sum
Entries 2.840929e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

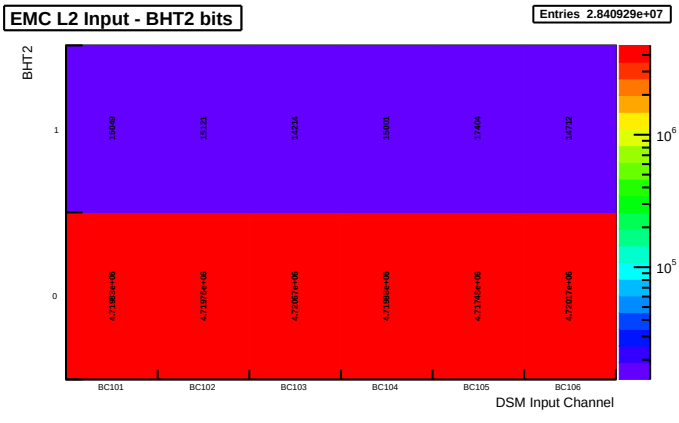

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

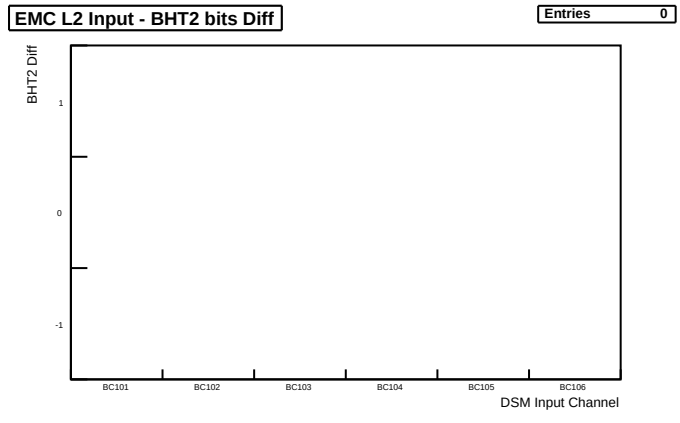

EMC L2 Input - BHT0 bits
Entries 2.840929e+07
BHT0
1
0
81793
81747
76255
81828
59859
77393
4.65309e+06
4.65313e+06
4.65863e+06
4.65305e+06
4.64104e+06
4.65749e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

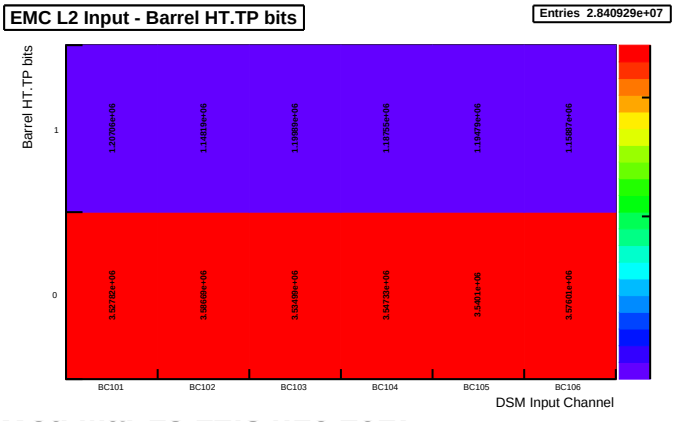

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

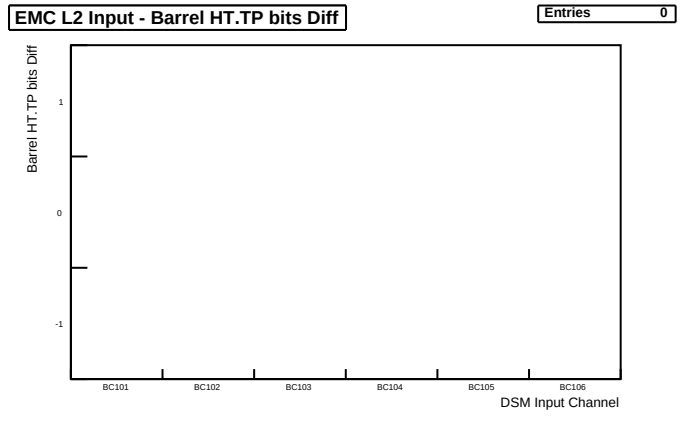

EMC L2 Input - BHT1 bits
Entries 2.840929e+07
BHT1
1
0
33229
33790
32757
34972
40600
33453
4.69955e+06
4.69909e+06
4.70212e+06
4.69991e+06
4.69428e+06
4.70143e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

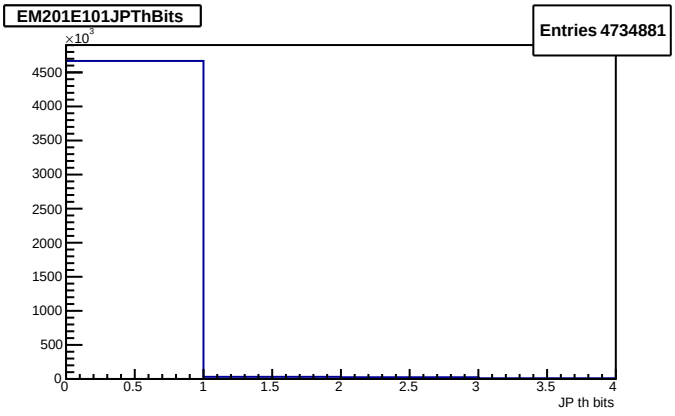

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

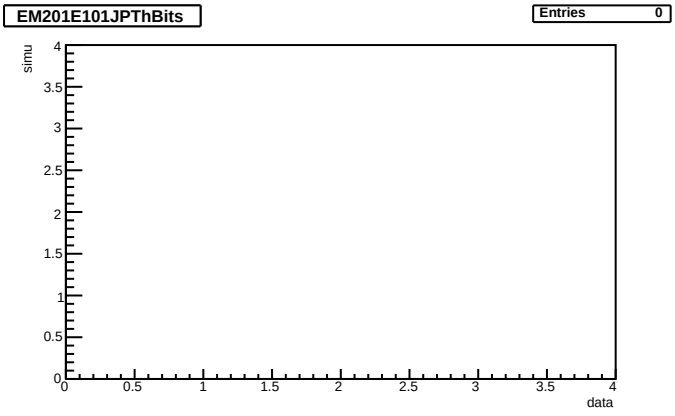

EMC L2 Input - BHT2 bits
Entries 2.840929e+07
BHT2
1
0
15349
15121
14214
15001
17404
14212
4.71983e+06
4.71975e+06
4.72067e+06
4.71988e+06
4.71748e+06
4.72017e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

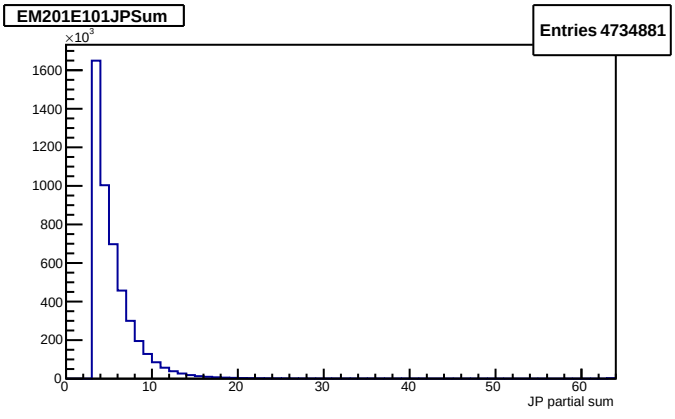

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

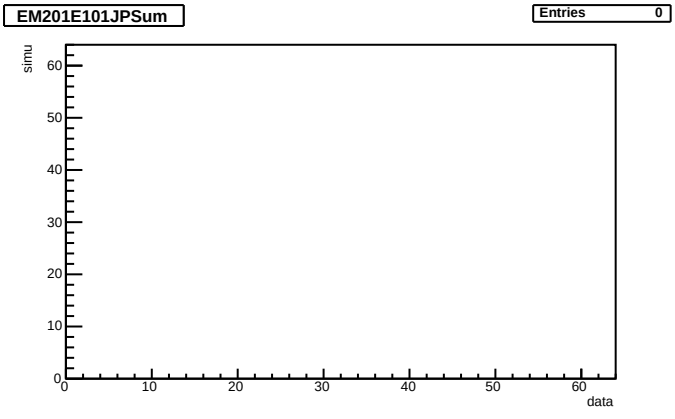

EMC L2 Input - Barrel HT.TP bits
Entries 2.840929e+07
Barrel HT.TP bits
1
0
1.20706e+06
1.14019e+06
1.19989e+06
1.13755e+06
1.19479e+06
1.15937e+06
3.52782e+06
3.59669e+06
3.53499e+06
3.54733e+06
3.5401e+06
3.57601e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

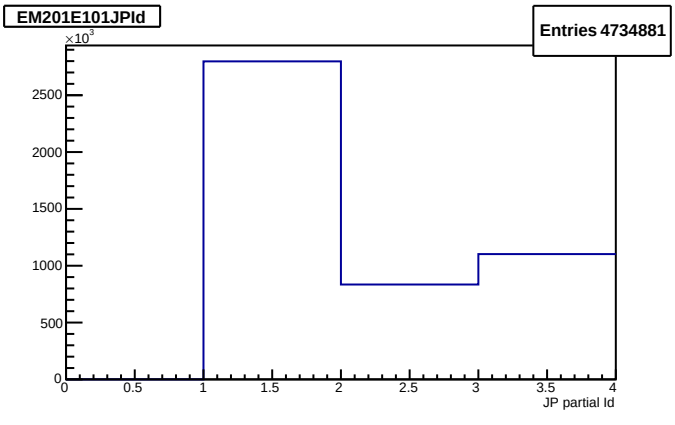

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

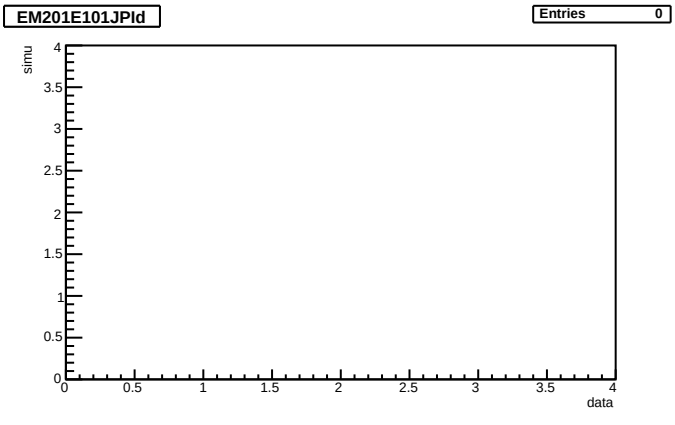

EM201E101JPThBits
Entries 4734881
JP th bits

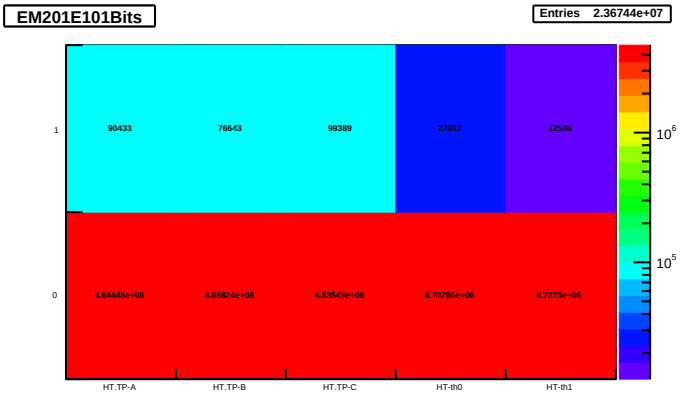

EM201E101JPThBits
Entries 0
simu
data

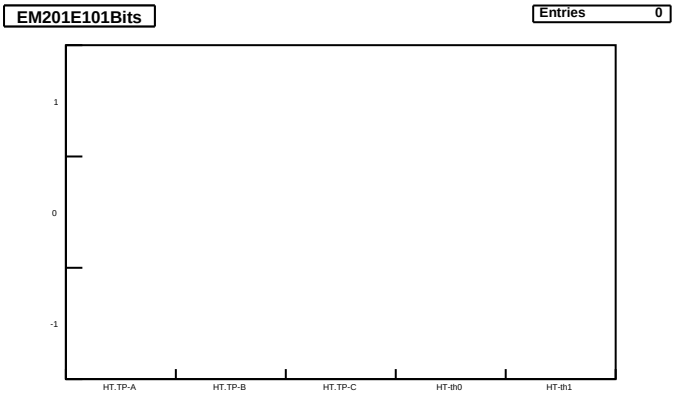

EM201E101JPSum
Entries 4734881
JP partial sum

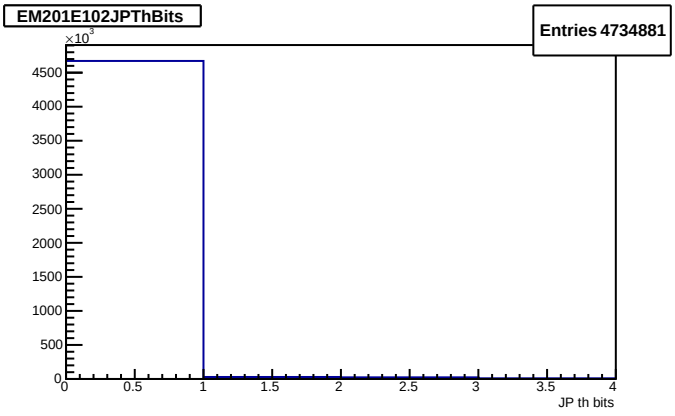

EM201E101JPSum
Entries 0
simu
data

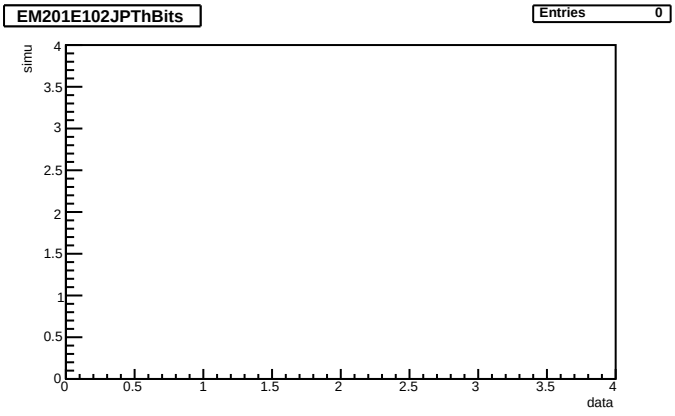

EM201E101JPId
Entries 4734881
JP partial Id

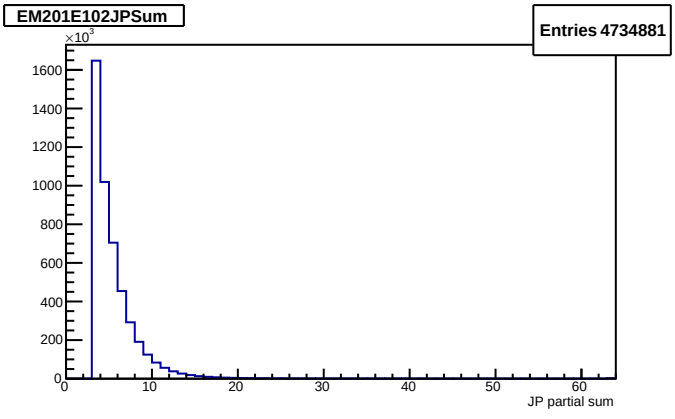

EM201E101JPId
Entries 0
simu
data

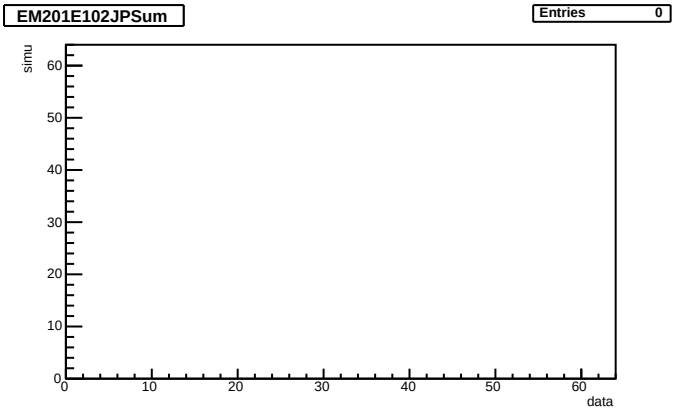

EM201E101Bits
Entries 2.36744e+07
90433
76643
99389
27017
12586
4.64445e+06
4.65824e+06
4.63549e+06
4.70786e+06
4.7223e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

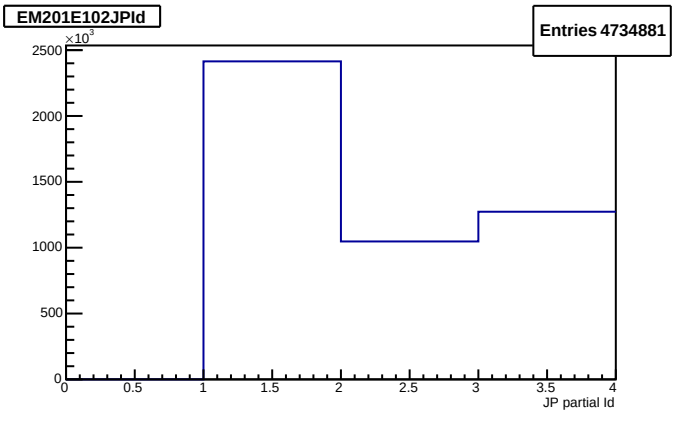

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

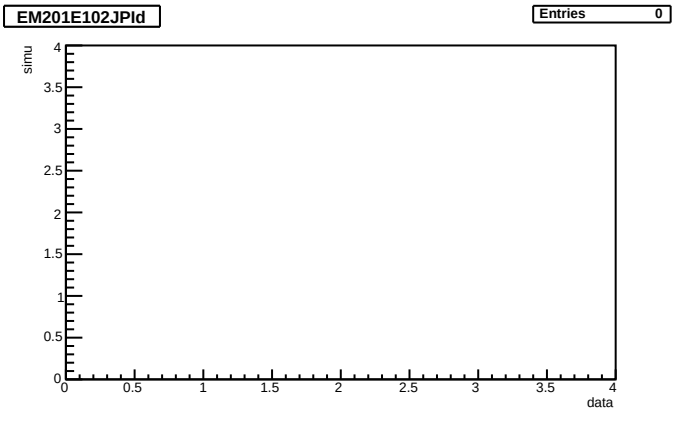

EM201E102JPThBits
Entries 4734881
JP th bits

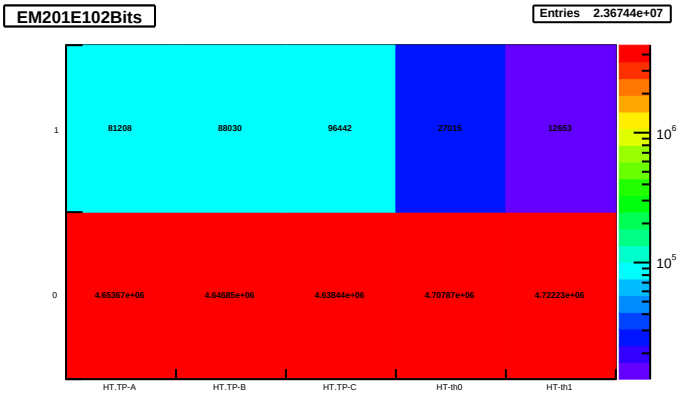

EM201E102JPThBits
Entries 0
simu
data

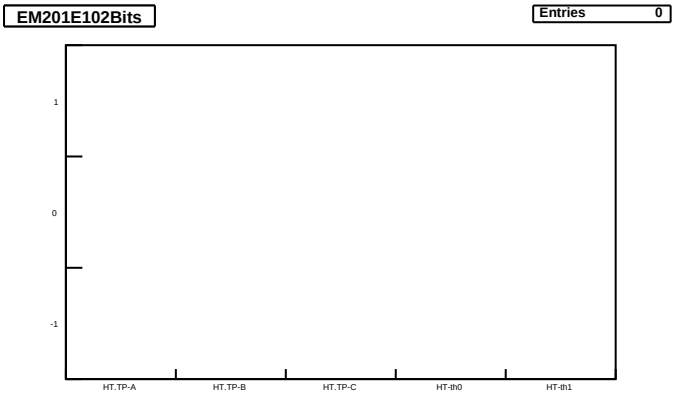

EM201E102JPSum
Entries 4734881
JP partial sum

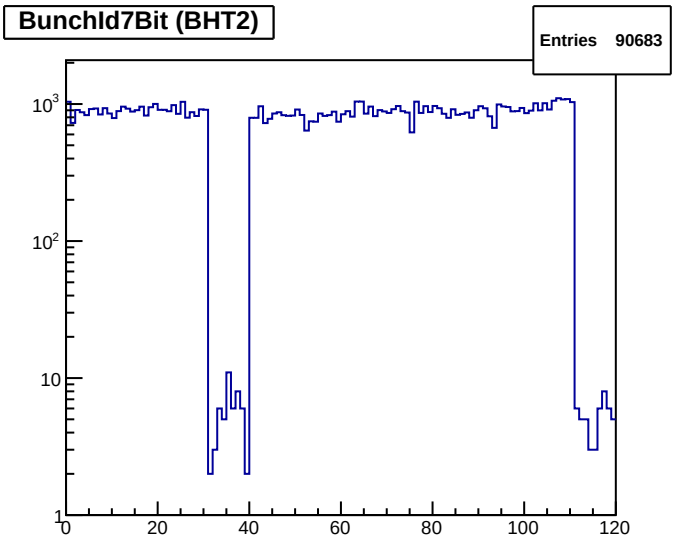

EM201E102JPSum
Entries 0
simu
data

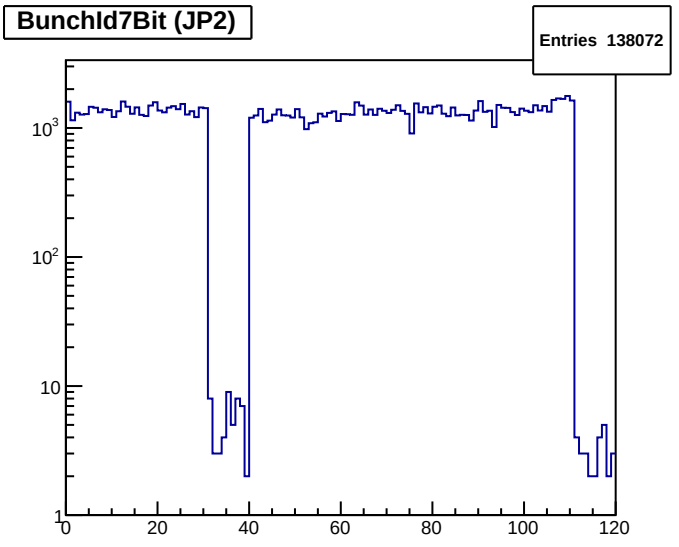

EM201E102JPId
Entries 4734881
JP partial Id

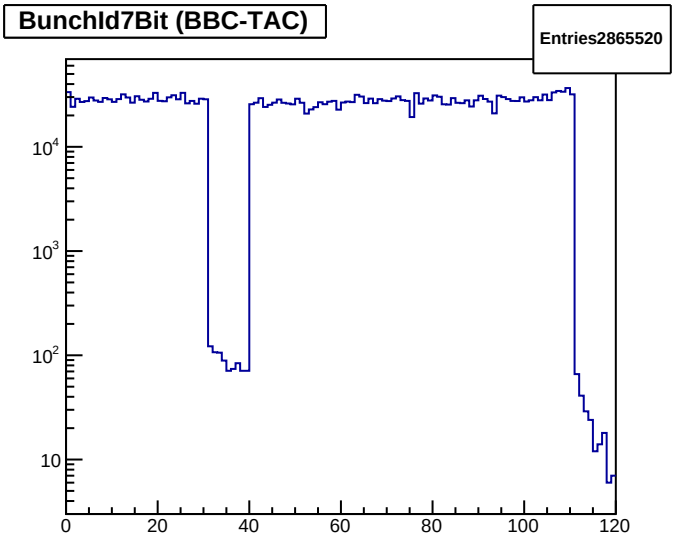

EM201E102JPId
Entries 0
simu
data

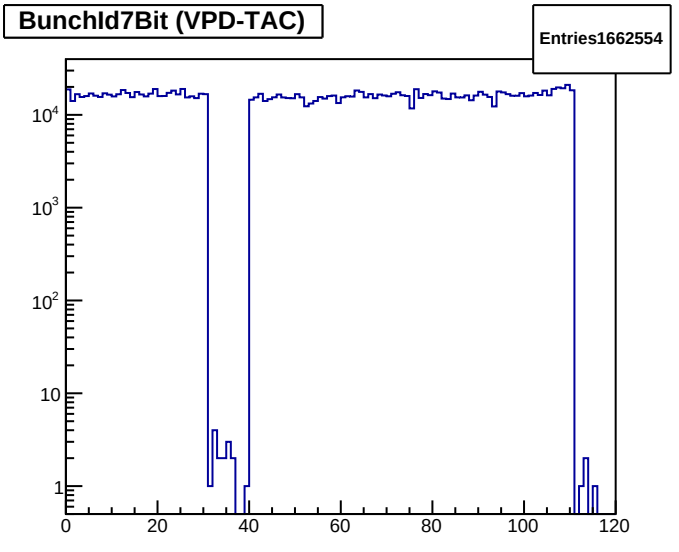

EM201E102Bits
Entries 2.36744e+07
81208
88030
96442
27015
12653
4.65367e+06
4.64685e+06
4.63844e+06
4.70787e+06
4.72223e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

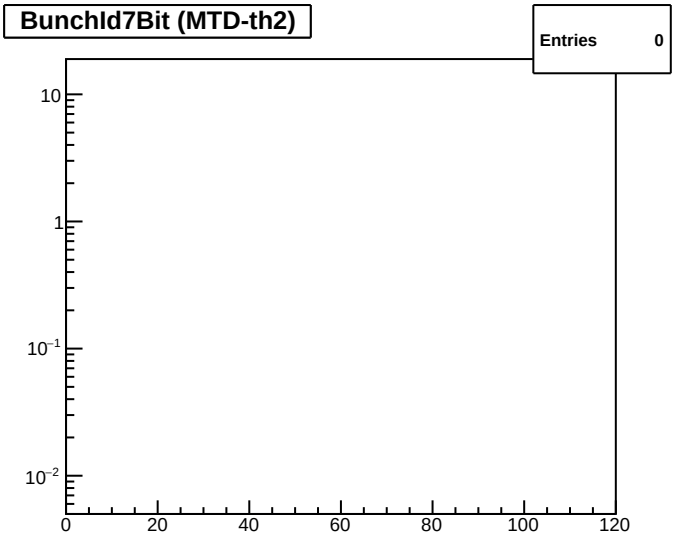

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

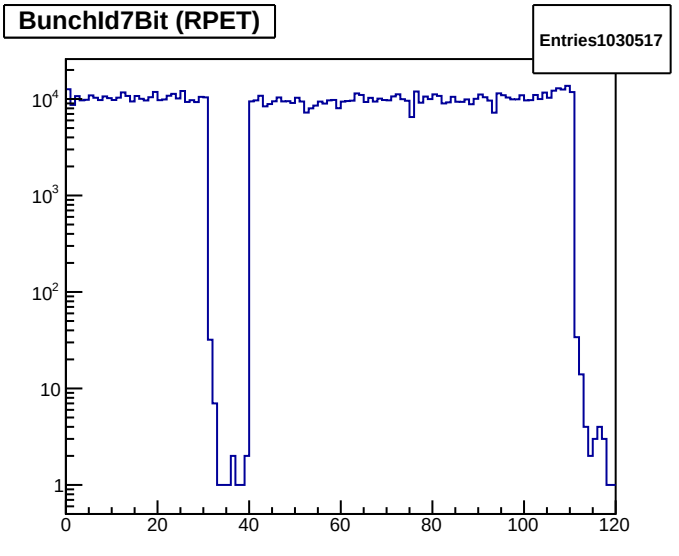

BunchId7Bit (BHT2)
Entries 90683

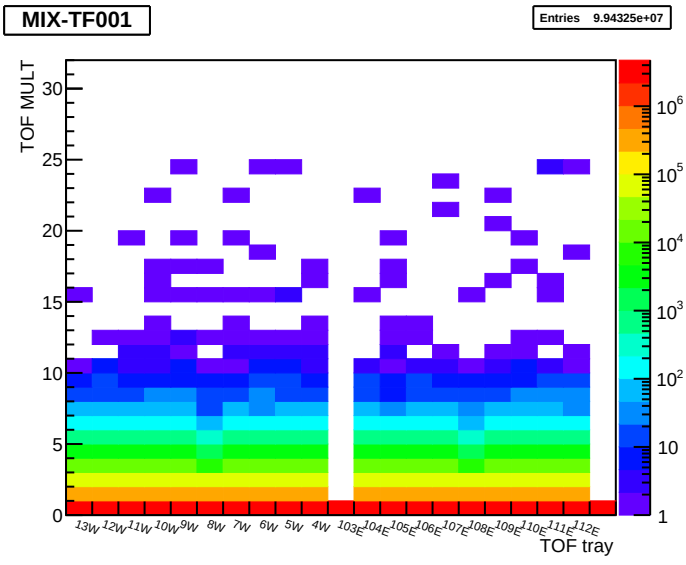

BunchId7Bit (JP2)
Entries 138072

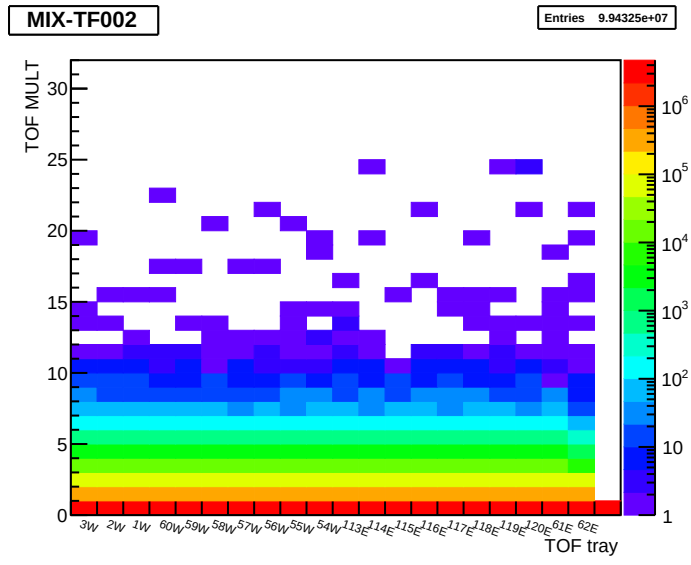

BunchId7Bit (BBC-TAC)
Entries2865520

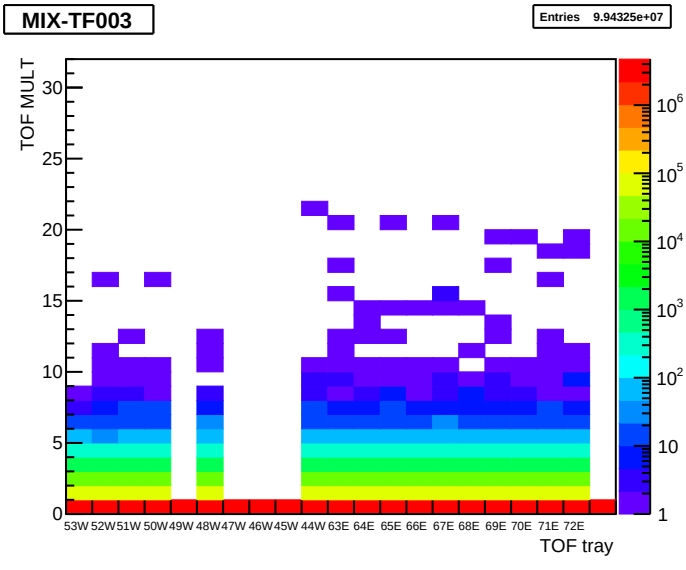

BunchId7Bit (VPD-TAC)
Entries1662554

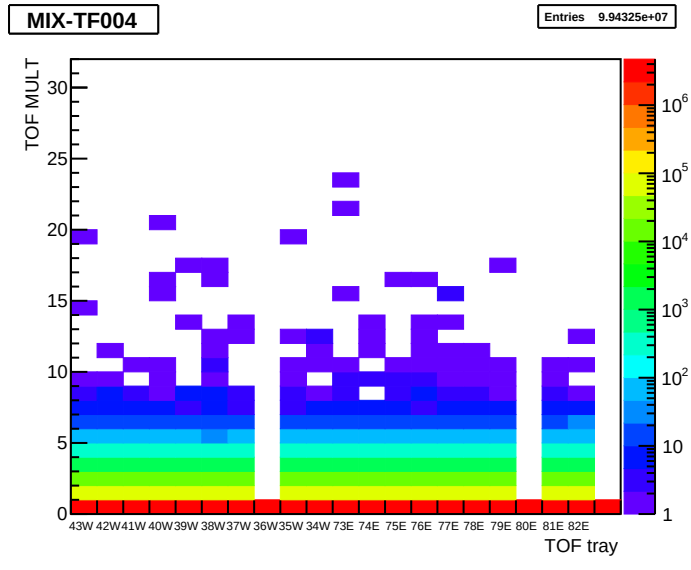

BunchId7Bit (MTD-th2)
Entries 0

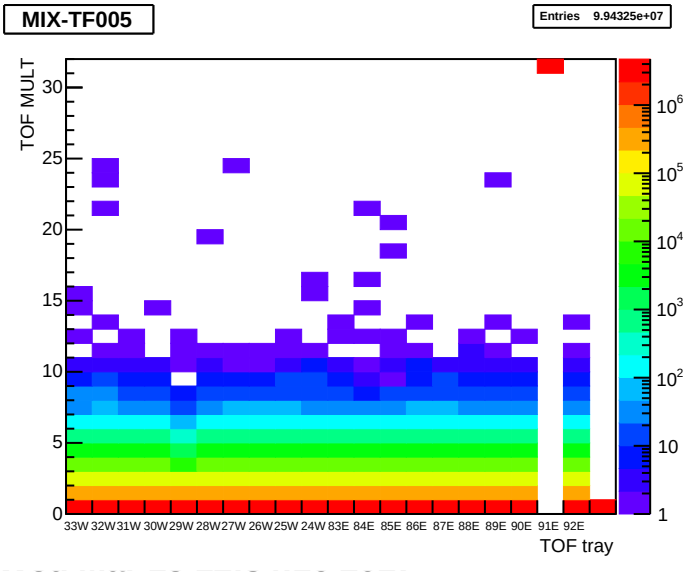

BunchId7Bit (RPET)
Entries1030517

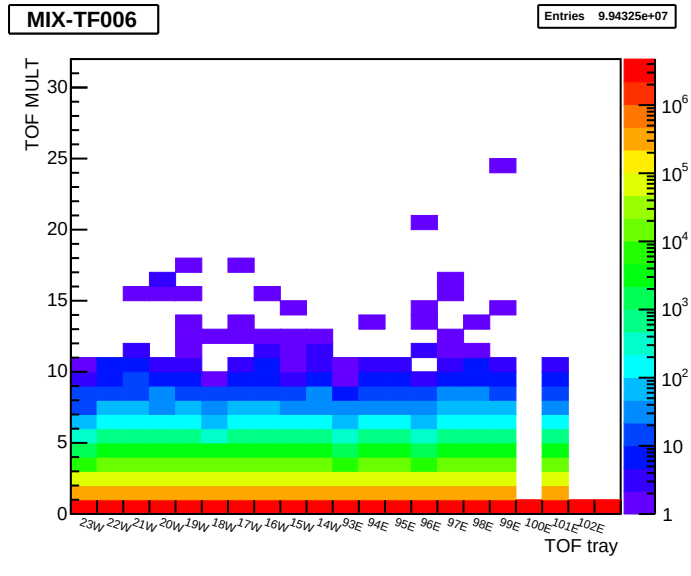

MIX-TF001
Entries 9.94325e+07
TOF MULT
TOF tray

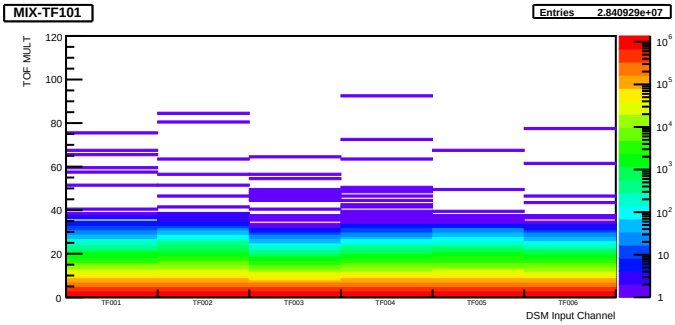

MIX-TF002
Entries 9.94325e+07
TOF MULT
TOF tray

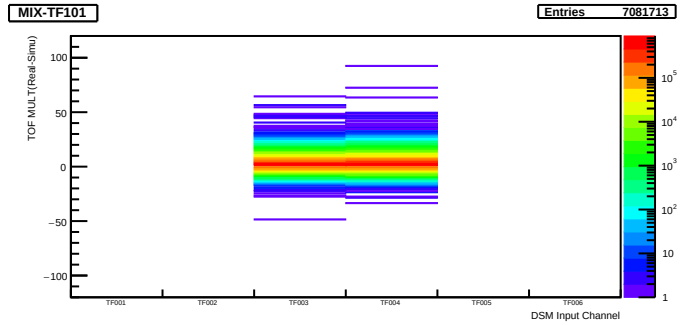

MIX-TF003
Entries 9.94325e+07
TOF MULT
TOF tray

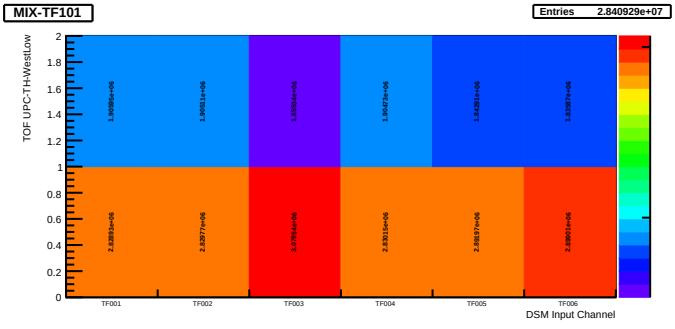

MIX-TF004
Entries 9.94325e+07
TOF MULT
TOF tray

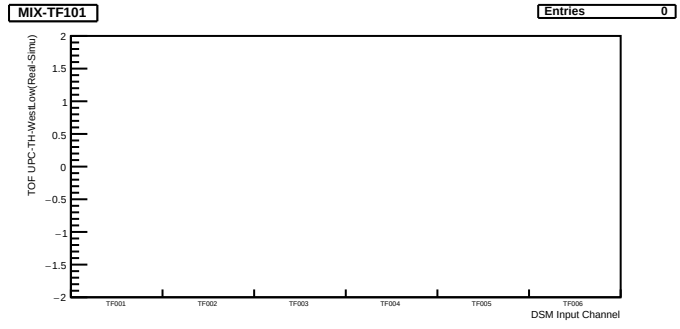

MIX-TF005
Entries 9.94325e+07
TOF MULT
TOF tray

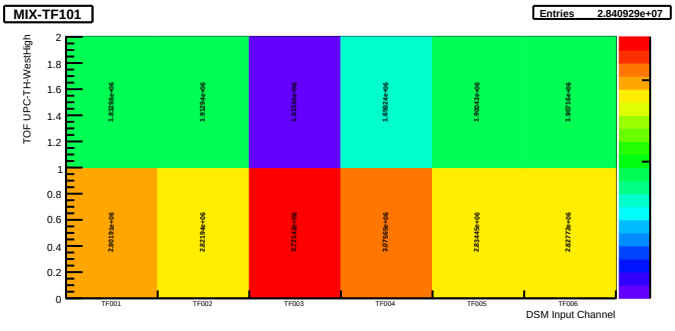

MIX-TF006
Entries 9.94325e+07
TOF MULT
TOF tray

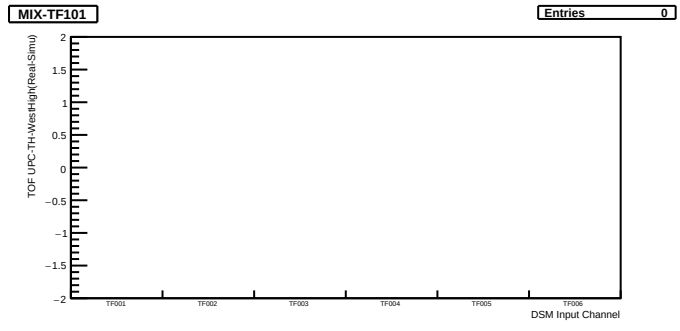

MIX-TF101
Entries 2.840929e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

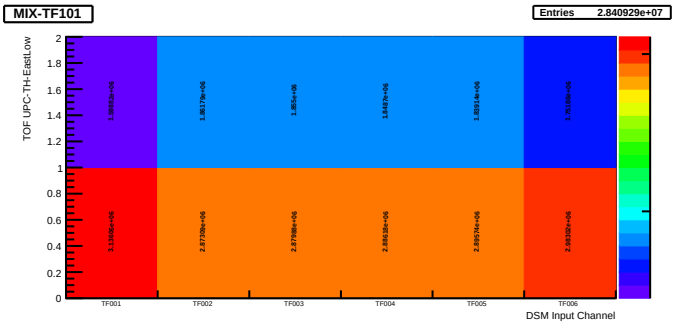

MIX-TF101
Entries 7081713
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

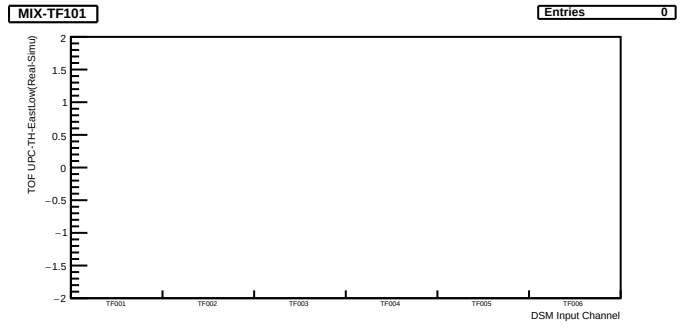

MIX-TF101
Entries 2.840929e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

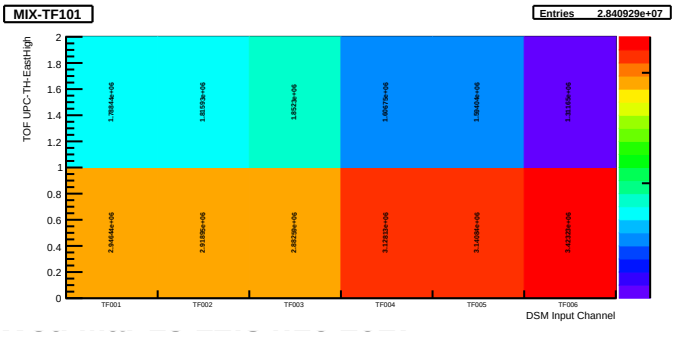

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

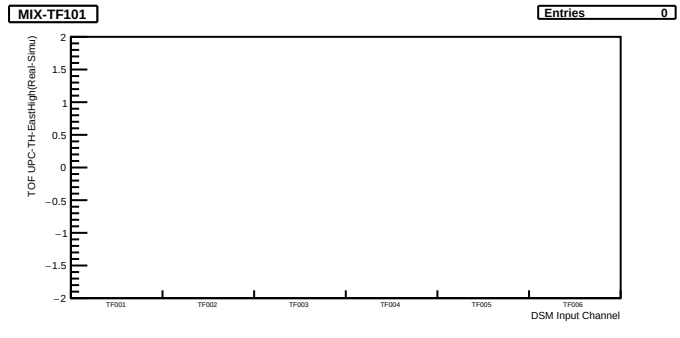

MIX-TF101
Entries 2.840929e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

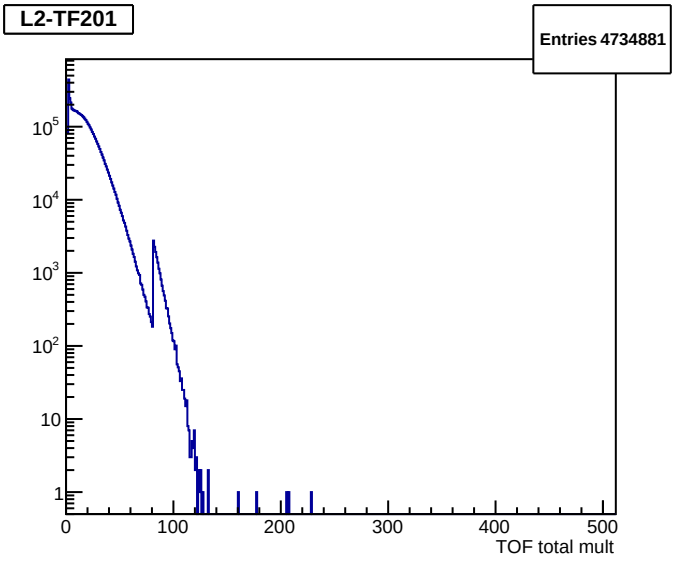

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

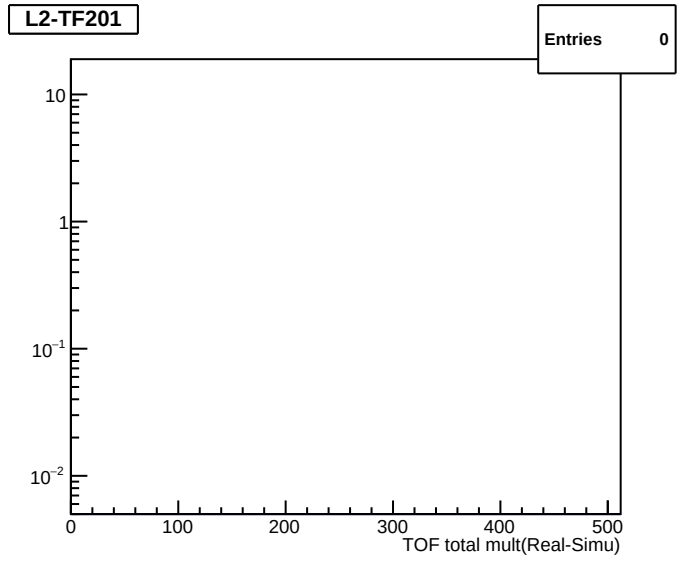

MIX-TF101
Entries 2.840929e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

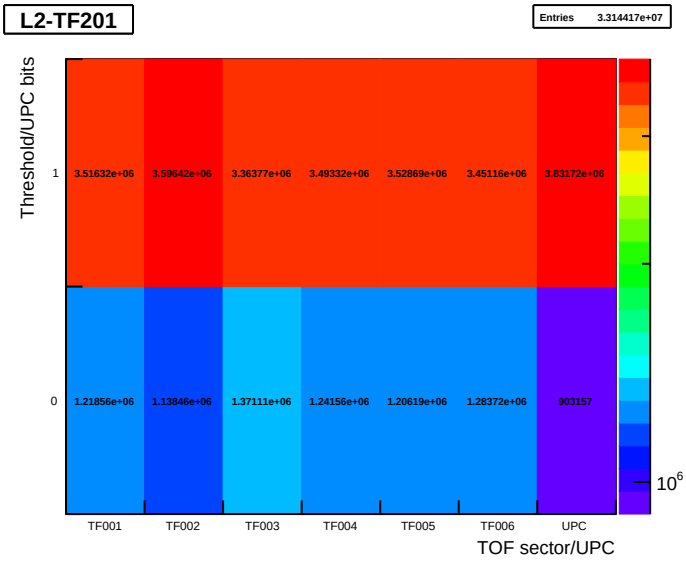

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

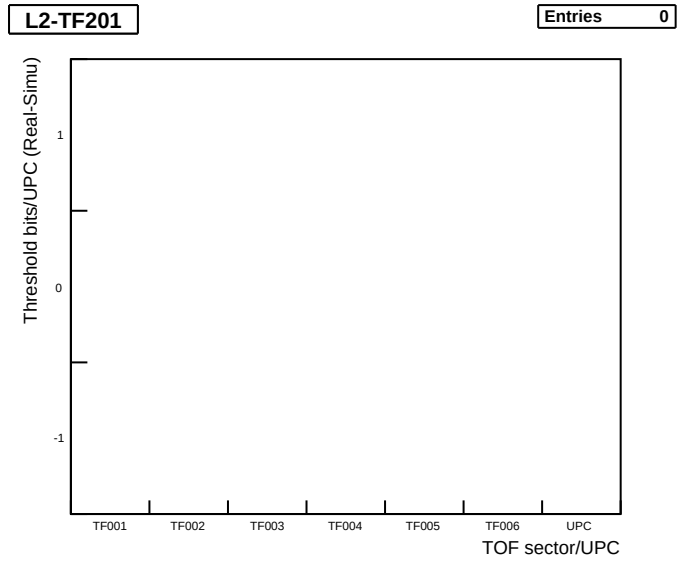

MIX-TF101
Entries 2.840929e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

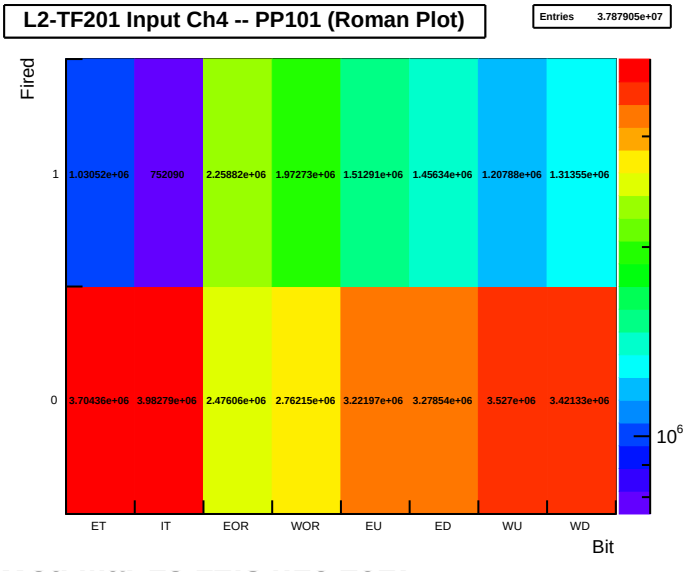

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

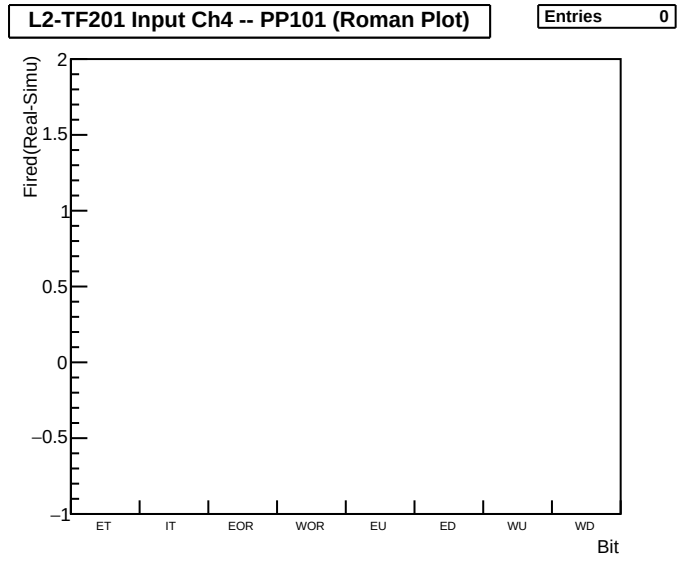

L2-TF201
Entries 4734881
TOF total mult

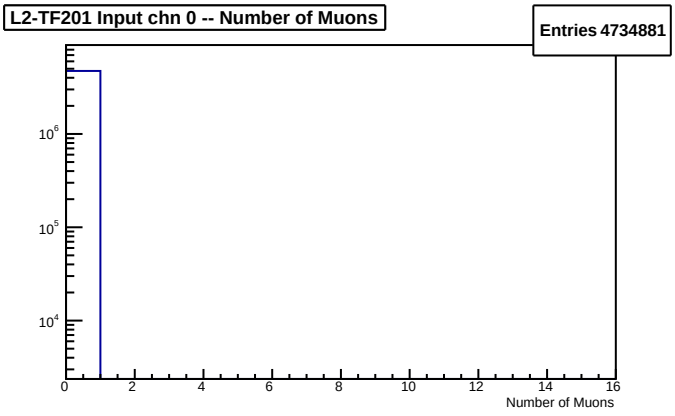

L2-TF201
Entries 0
TOF total mult(Real-Simu)

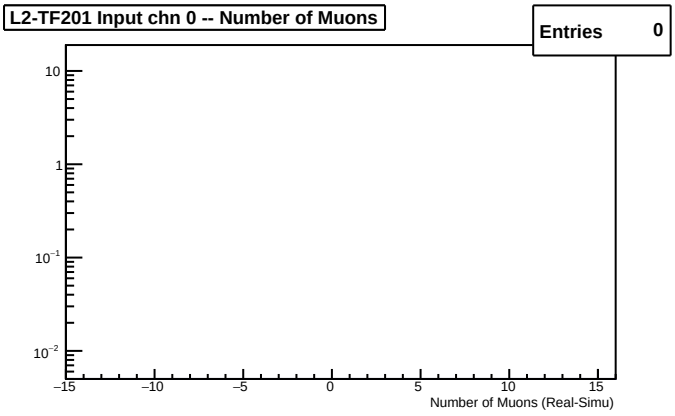

L2-TF201
Entries 3.314417e+07
Threshold/UPC bits
3.51632e+06
3.59642e+06
3.36377e+06
3.49332e+06
3.52869e+06
3.45116e+06
3.83172e+06
1.21856e+06
1.13846e+06
1.37111e+06
1.24156e+06
1.20619e+06
1.28372e+06
903157
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

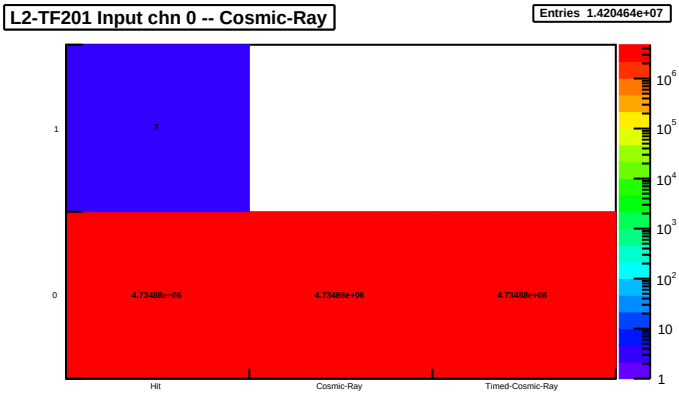

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

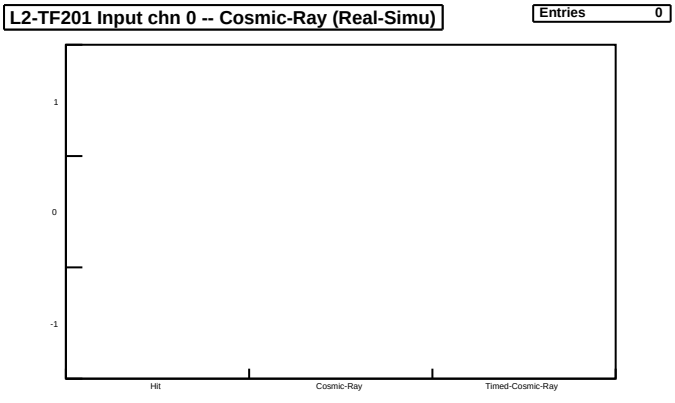

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.787905e+07
Fired
1.03052e+06
752090
2.25882e+06
1.97273e+06
1.51291e+06
1.45634e+06
1.20788e+06
1.31355e+06
3.70436e+06
3.98279e+06
2.47606e+06
2.76215e+06
3.22197e+06
3.27854e+06
3.527e+06
3.42133e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

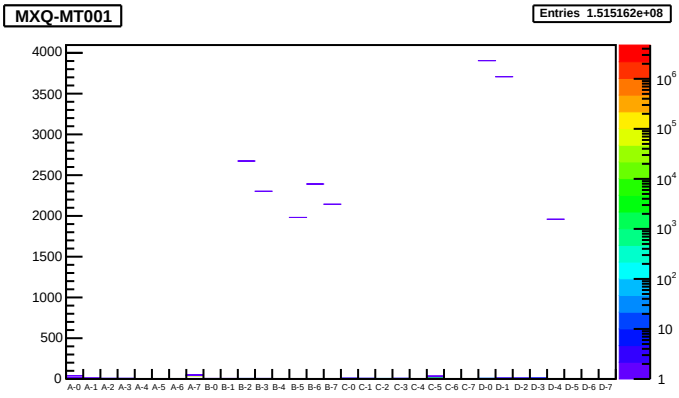

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

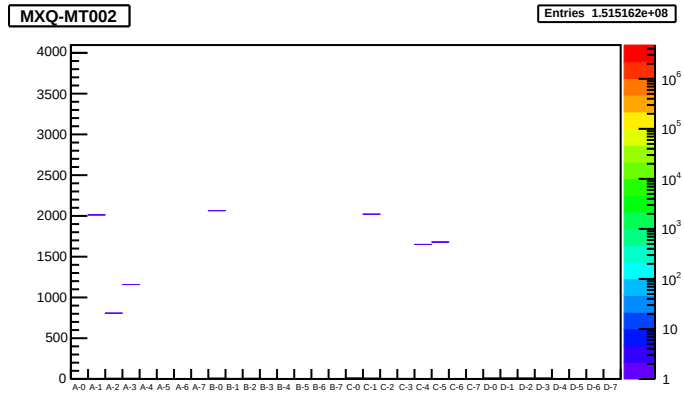

L2-TF201 Input chn 0 -- Number of Muons
Entries 4734881
Number of Muons

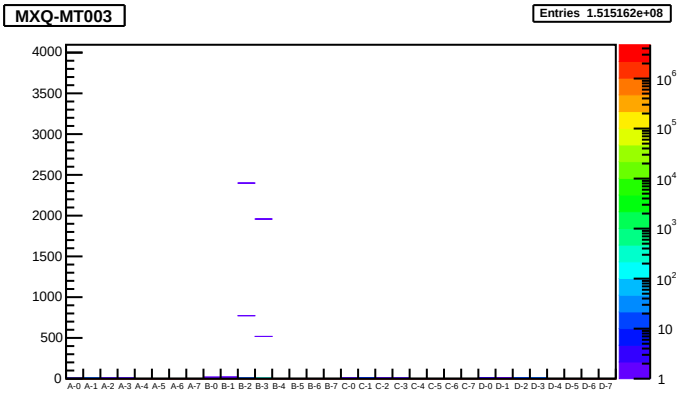

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

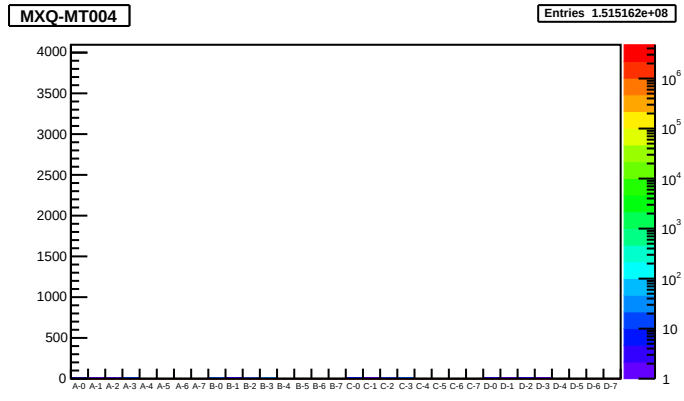

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.420464e+07
3
4.73488e+06
4.73488e+06
4.73488e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


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


MXQ-MT001
Entries 1.515162e+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 1.515162e+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 1.515162e+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 1.515162e+08
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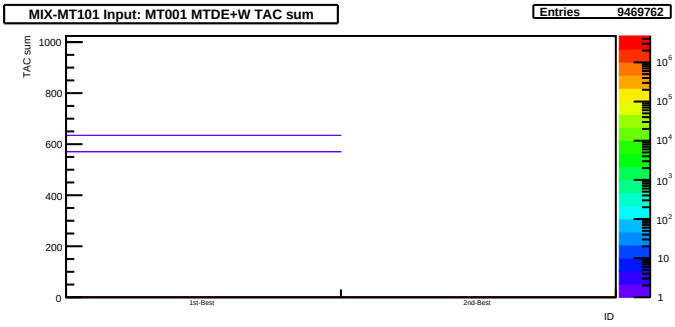
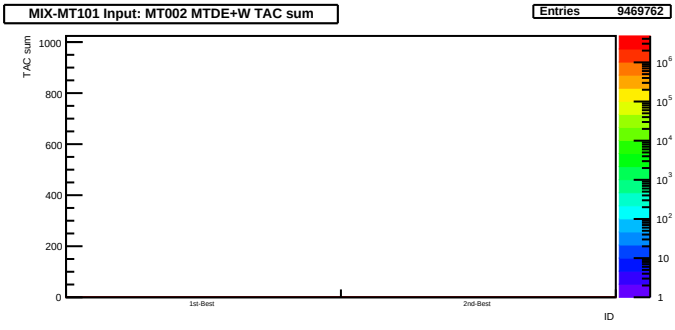
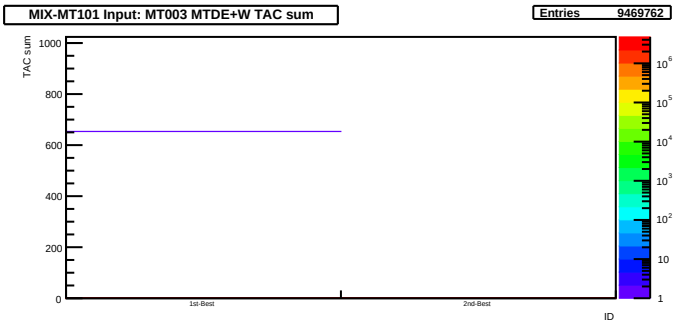
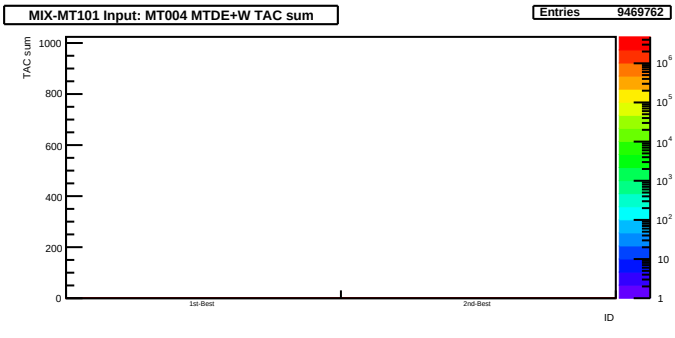
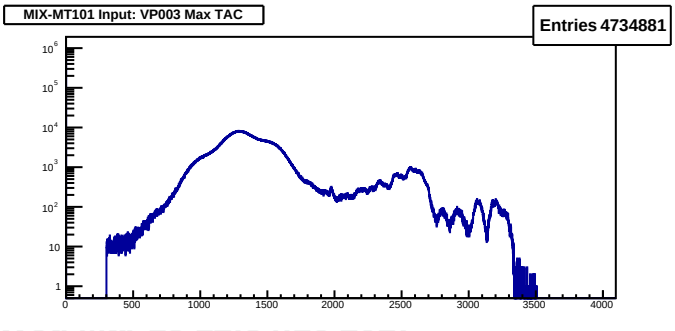
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

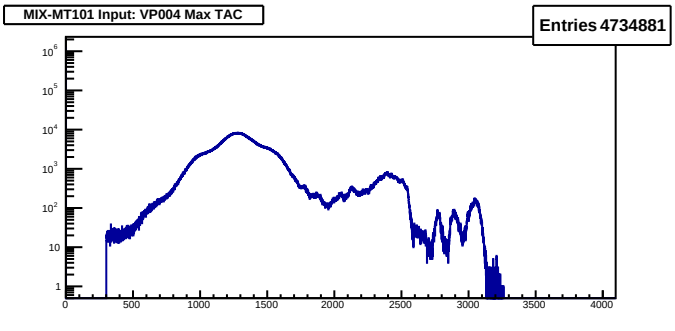

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9469762
TAC sum
1st-Best
2nd-Best
ID

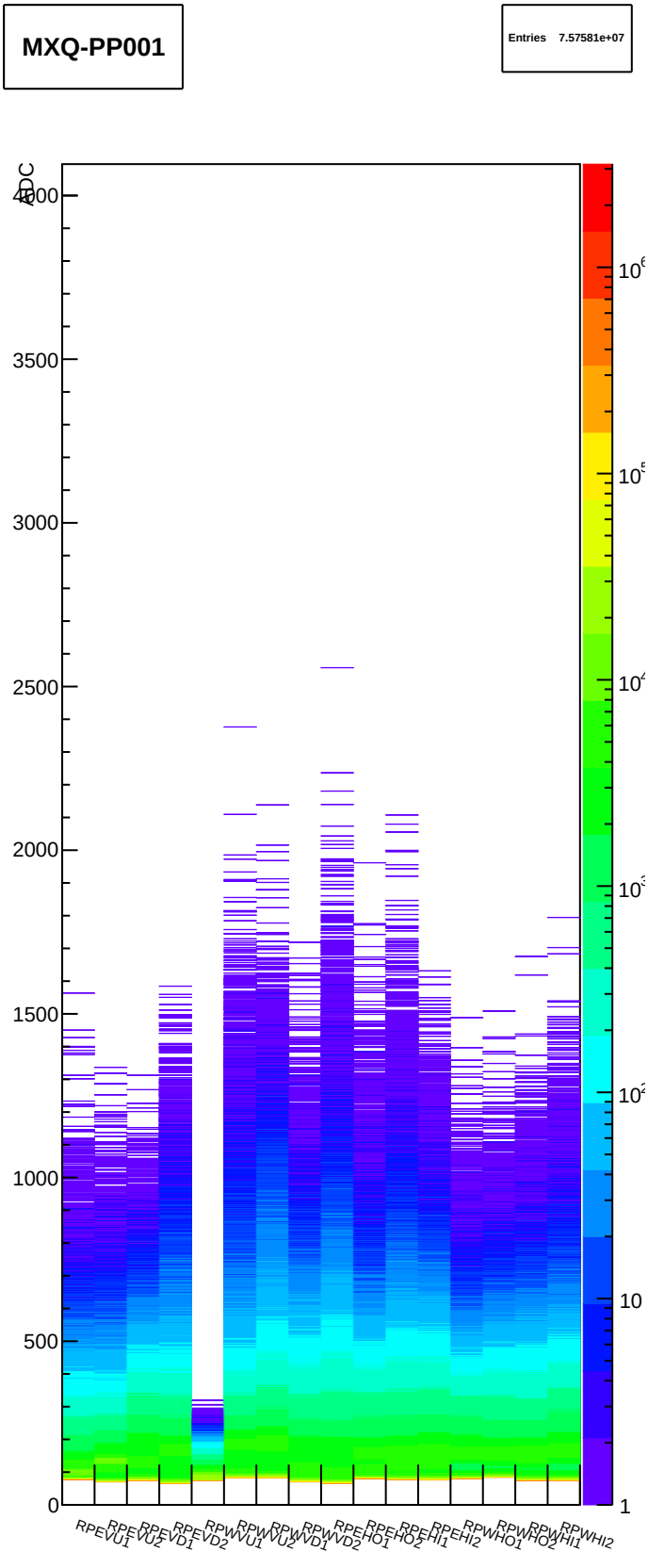

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9469762
TAC sum
1st-Best
2nd-Best
ID

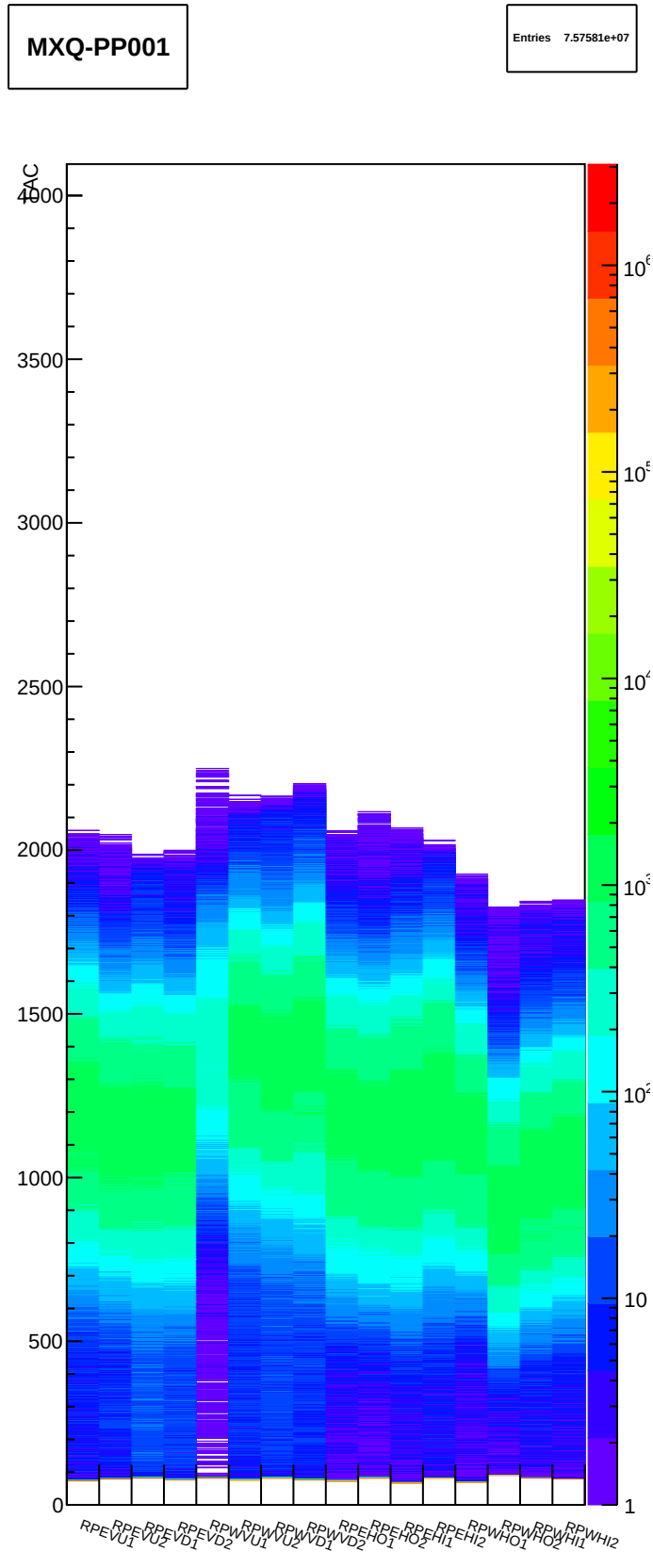

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9469762
TAC sum
1st-Best
2nd-Best
ID

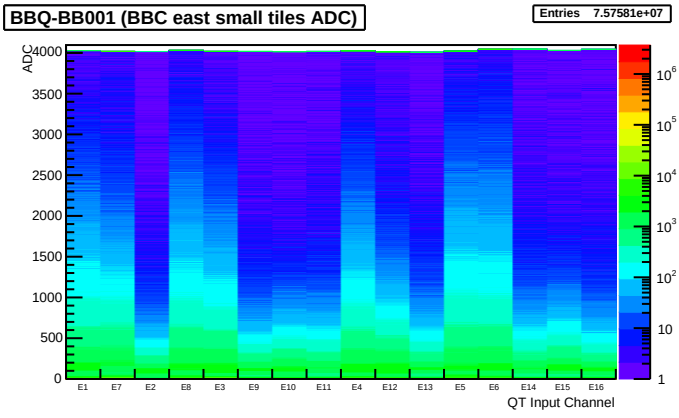

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9469762
TAC sum
1st-Best
2nd-Best
ID

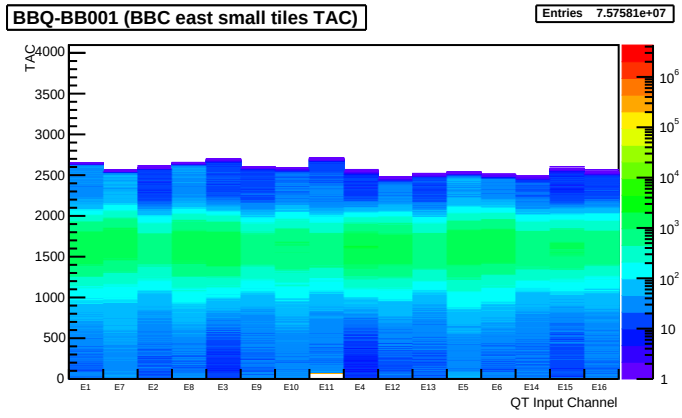

MIX-MT101 Input: VP003 Max TAC
Entries 4734881

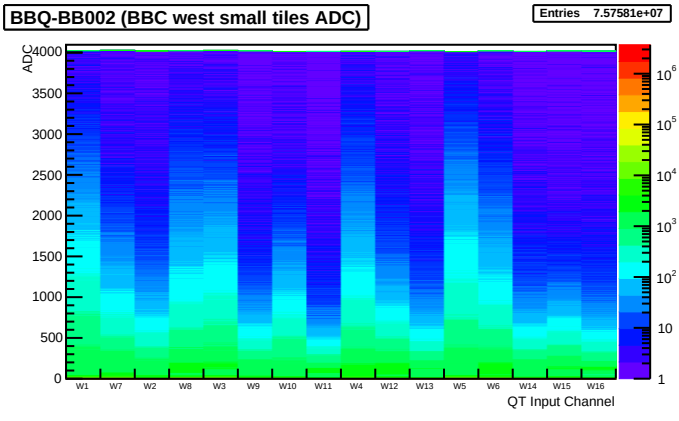

MIX-MT101 Input: VP004 Max TAC
Entries 4734881

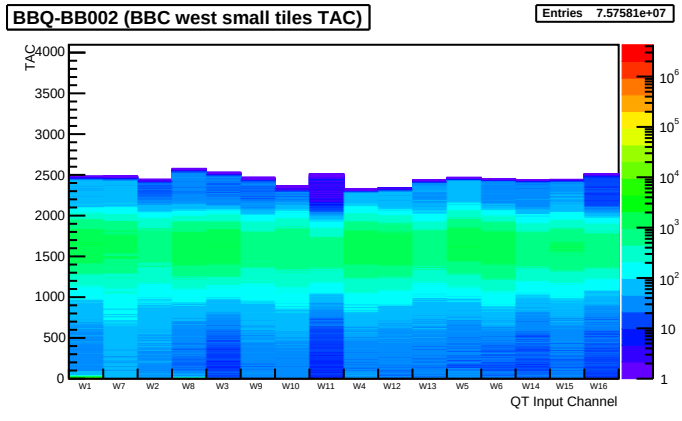

MXQ-PP001
Entries 7.57581e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

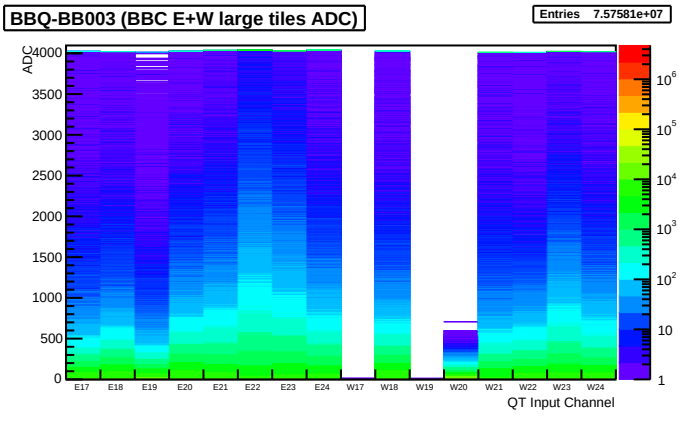

MXQ-PP001
Entries 7.57581e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

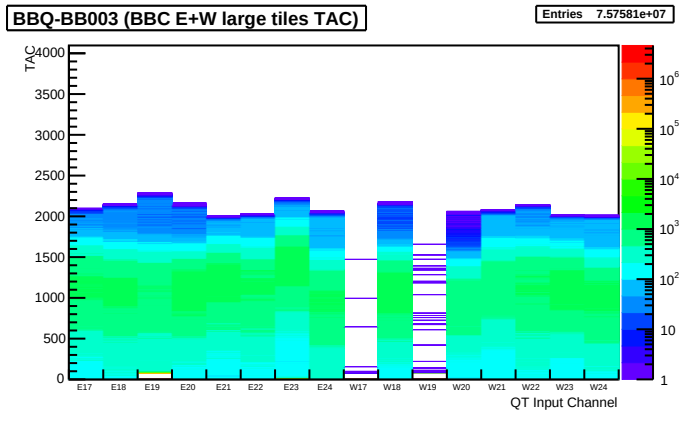

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.57581e+07
ADC
QT Input Channel

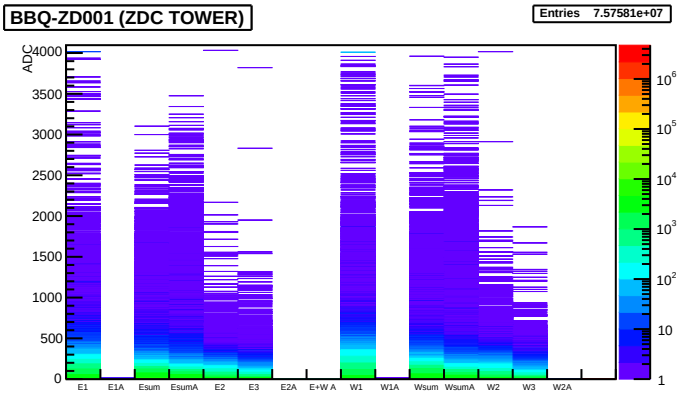

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.57581e+07
TAC
QT Input Channel

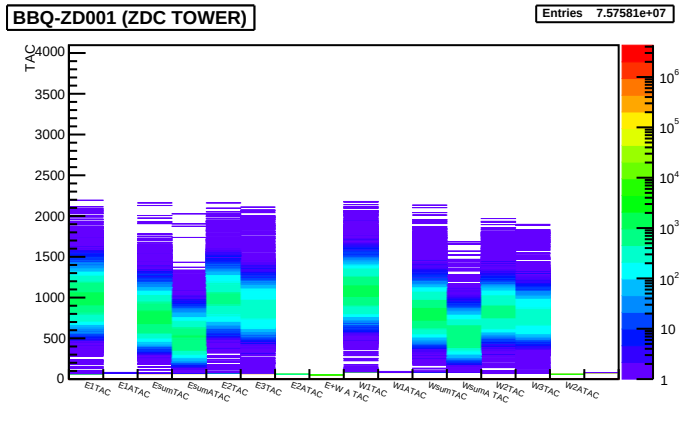

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.57581e+07
ADC
QT Input Channel

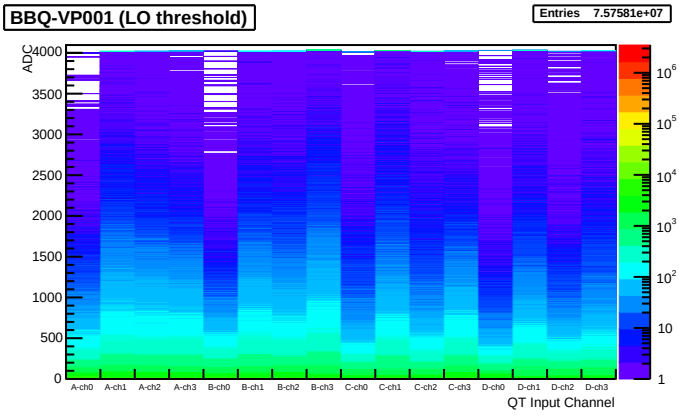

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.57581e+07
TAC
QT Input Channel

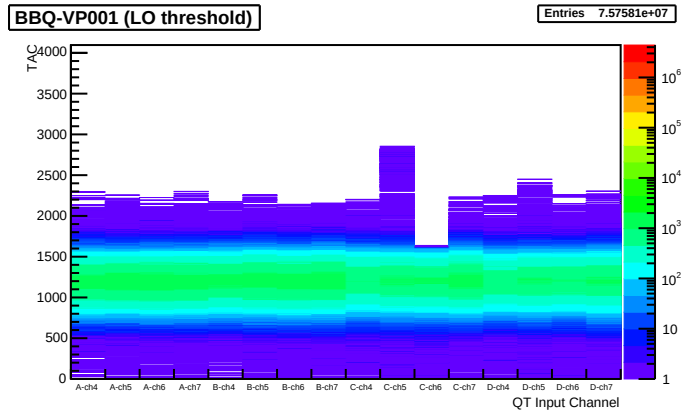

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.57581e+07
ADC
QT Input Channel

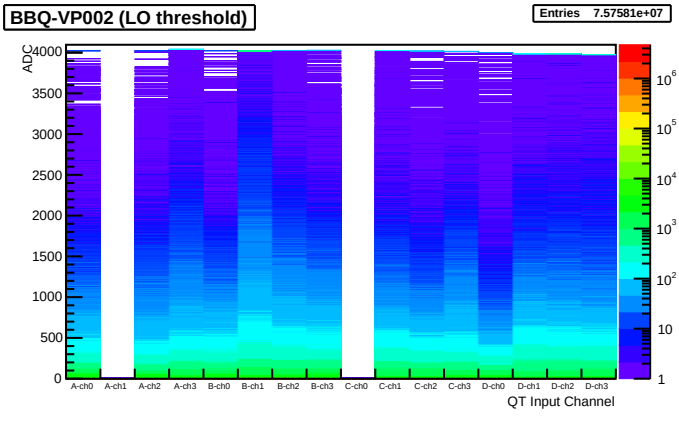

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.57581e+07
TAC
QT Input Channel

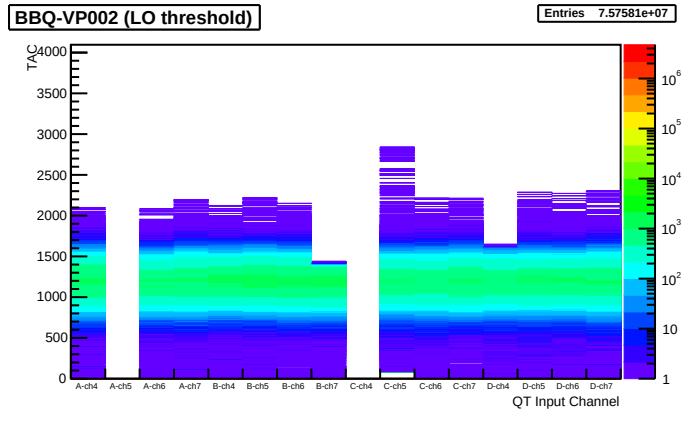

BBQ-ZD001 (ZDC TOWER)
Entries 7.57581e+07
ADC

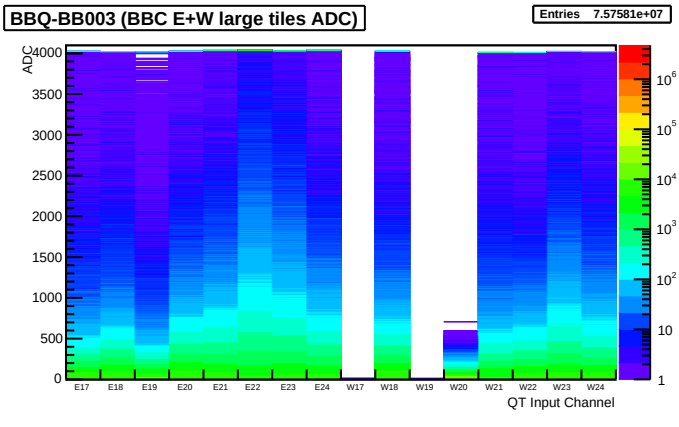

BBQ-ZD001 (ZDC TOWER)
Entries 7.57581e+07
TAC

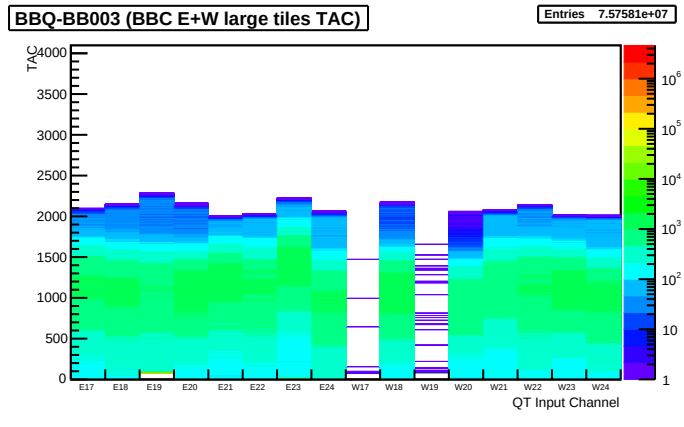

BBQ-VP001 (LO threshold)
Entries 7.57581e+07
ADC
QT Input Channel

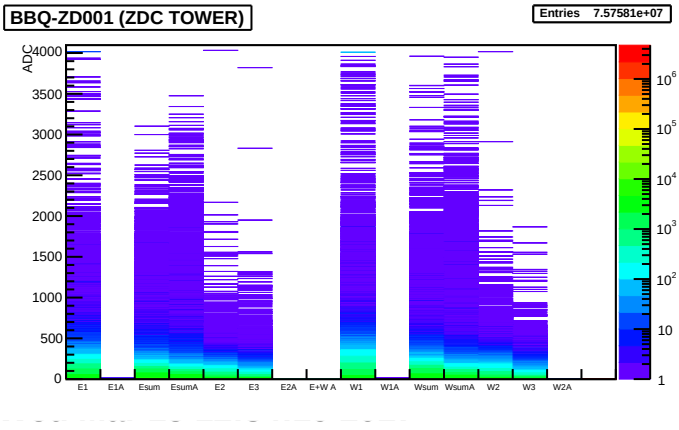

BBQ-VP001 (LO threshold)
Entries 7.57581e+07
TAC
QT Input Channel

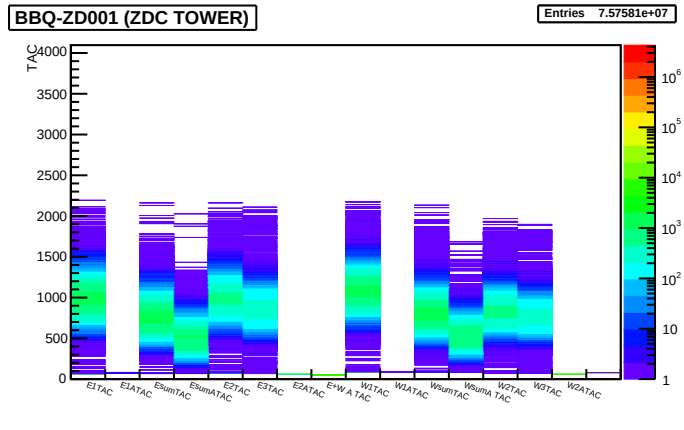

BBQ-VP002 (LO threshold)
Entries 7.57581e+07
ADC
QT Input Channel

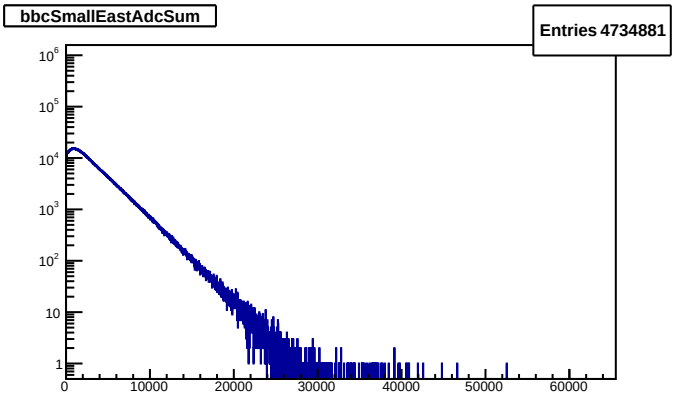

BBQ-VP002 (LO threshold)
Entries 7.57581e+07
TAC
QT Input Channel

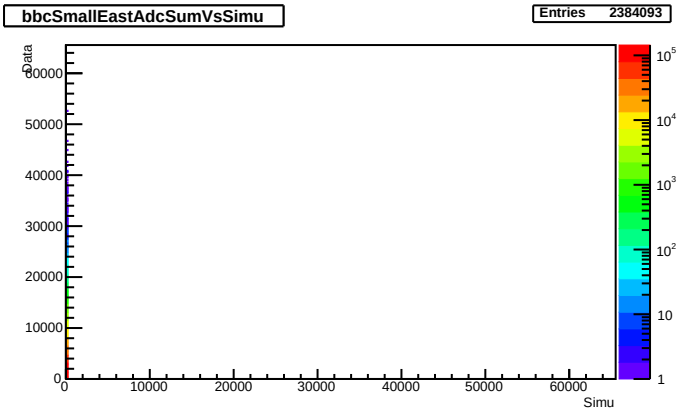

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.57581e+07
ADC
QT Input Channel

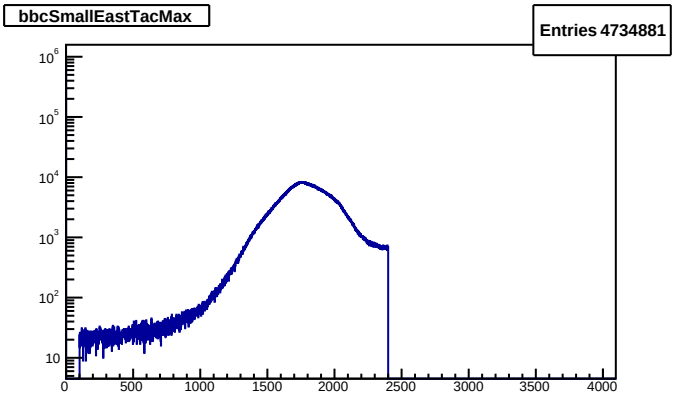

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.57581e+07
TAC
QT Input Channel

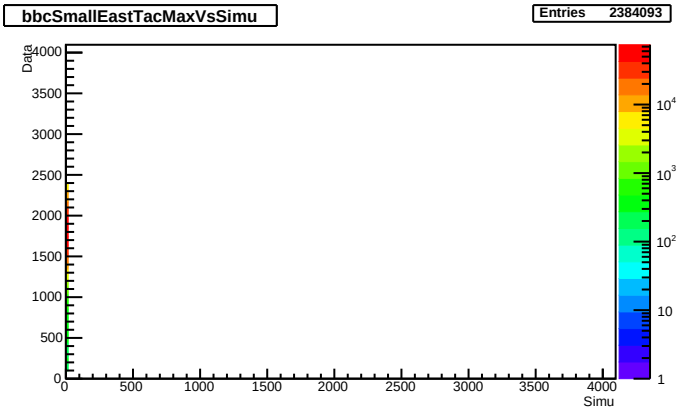

BBQ-ZD001 (ZDC TOWER)
Entries 7.57581e+07
ADC

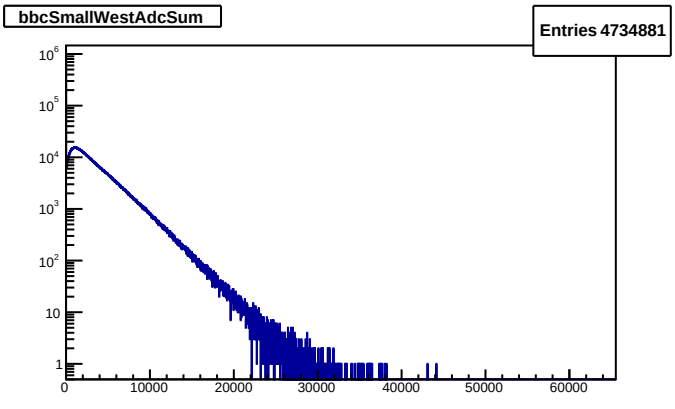

BBQ-ZD001 (ZDC TOWER)
Entries 7.57581e+07
TAC

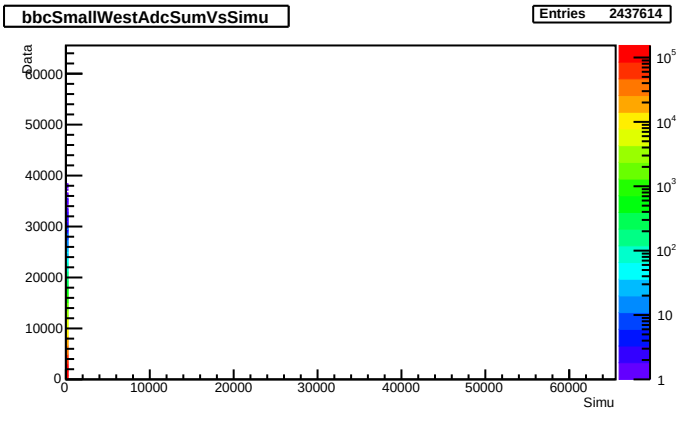

bbcSmallEastAdcSum
Entries 4734881

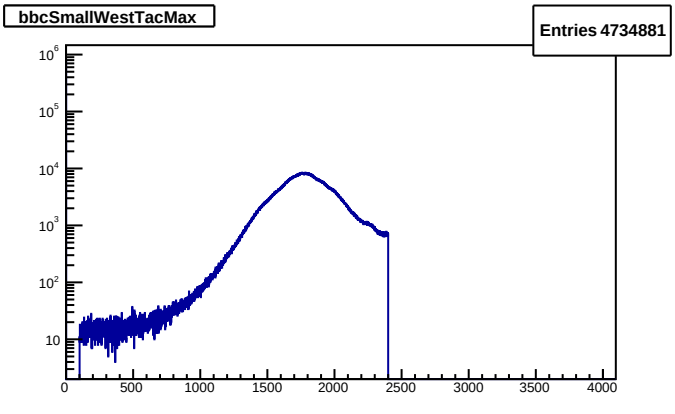

bbcSmallEastAdcSumVsSimu
Entries 2384093
Data
Simu

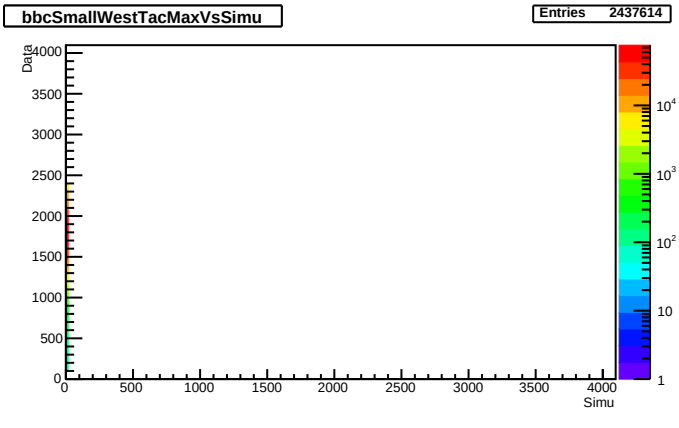

bbcSmallEastTacMax
Entries 4734881

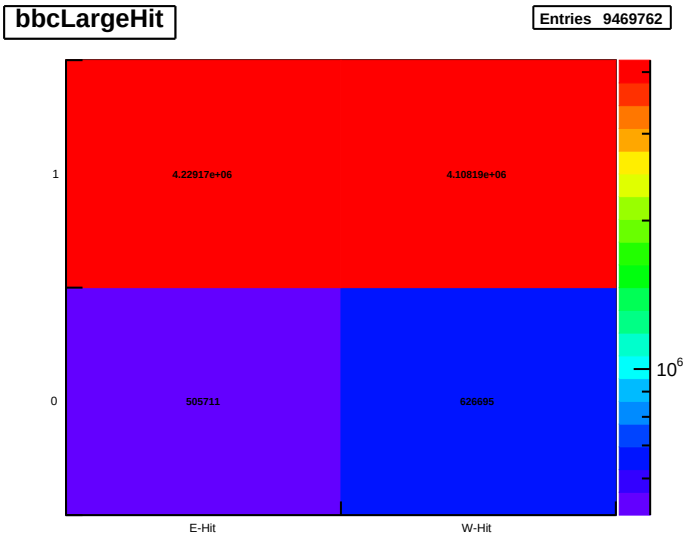

bbcSmallEastTacMaxVsSimu
Entries 2384093
Data
Simu

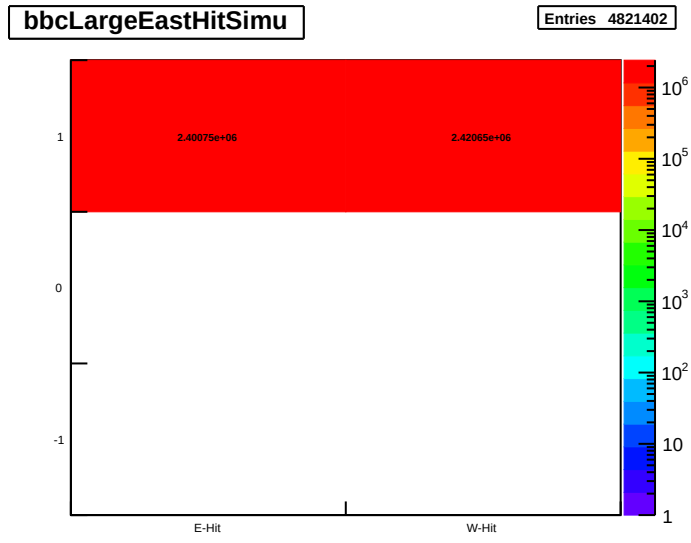

bbcSmallWestAdcSum
Entries 4734881

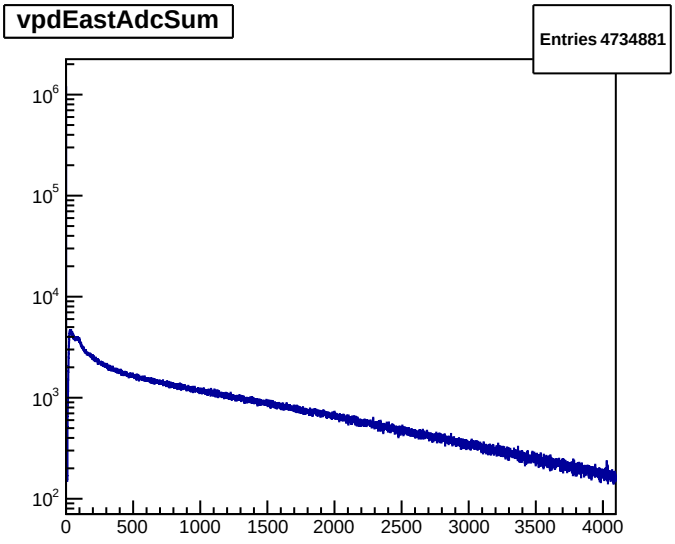

bbcSmallWestAdcSumVsSimu
Entries 2437614
Data
Simu

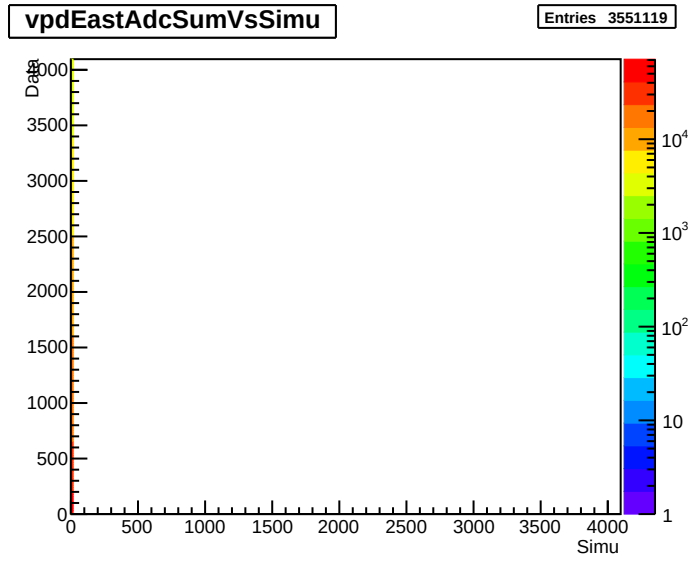

bbcSmallWestTacMax
Entries 4734881

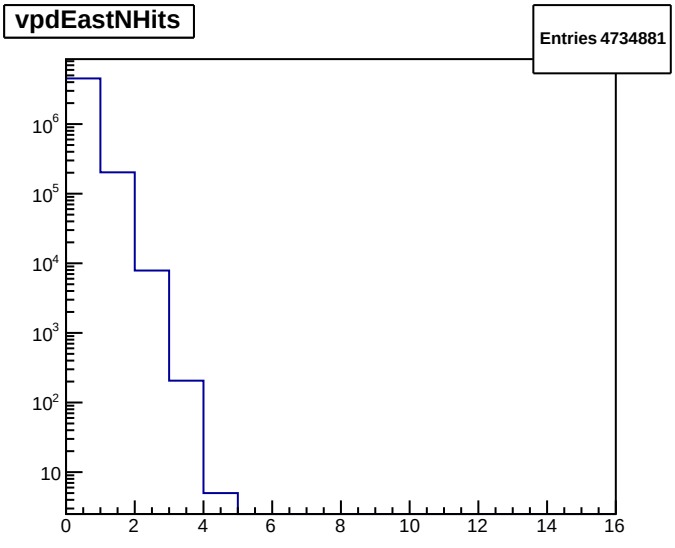

bbcSmallWestTacMaxVsSimu
Entries 2437614
Data
Simu

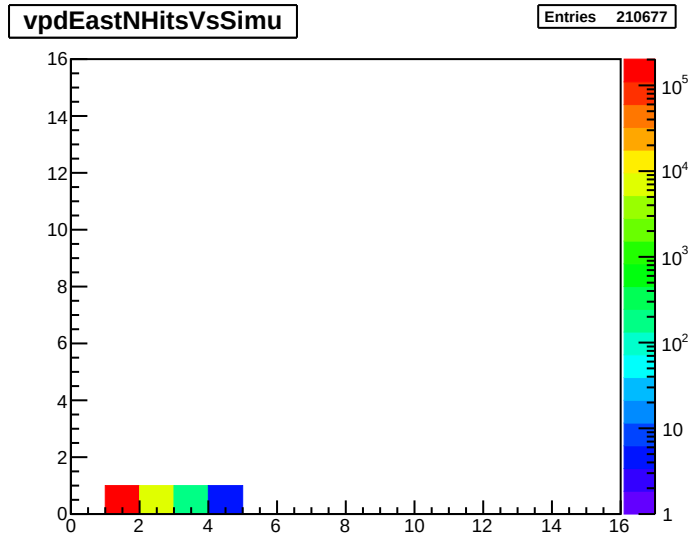

bbcLargeHit
Entries 9469762
1
0
4.22917e+06
4.10819e+06
505711
626695
E-Hit
W-Hit
10^6

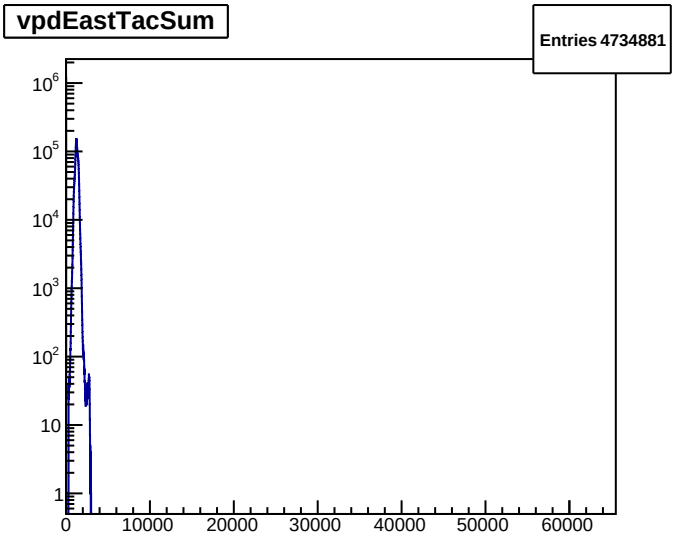

bbcLargeEastHitSimu
Entries 4821402
1
0
-1
2.40075e+06
2.42065e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

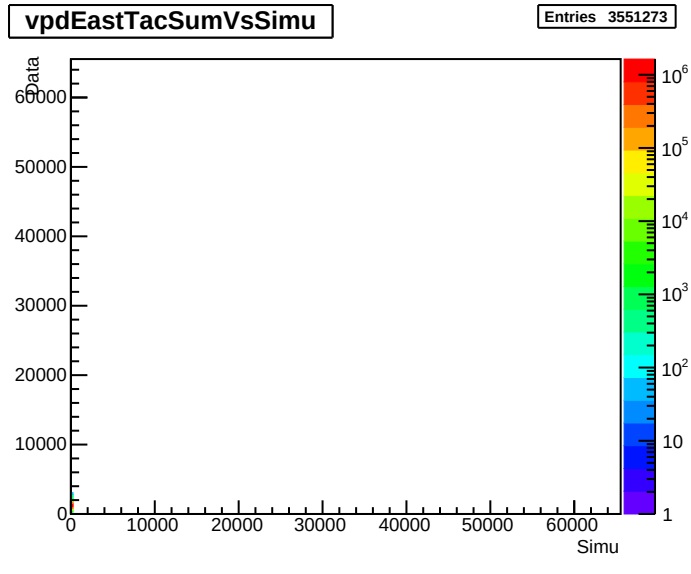

vpdEastAdcSum
Entries 4734881

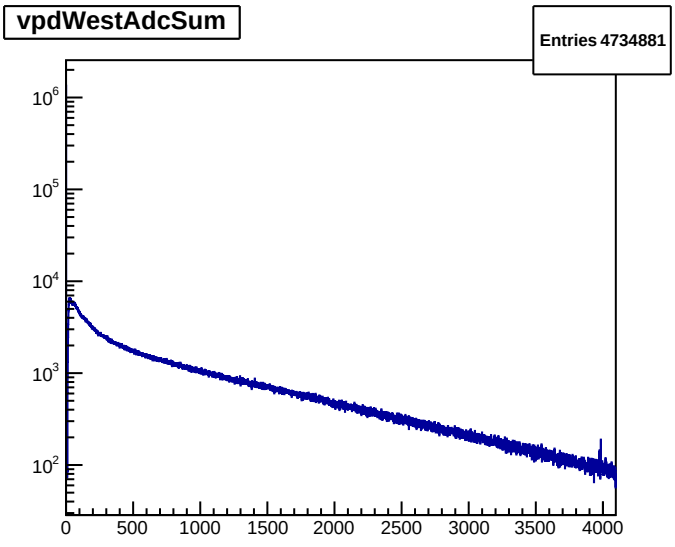

vpdEastAdcSumVsSimu
Entries 3551119
Data
Simu

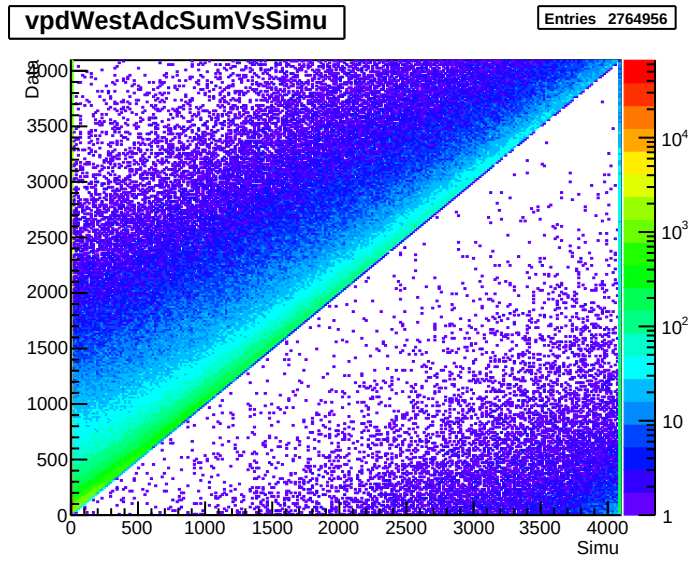

vpdEastNHits
Entries 4734881

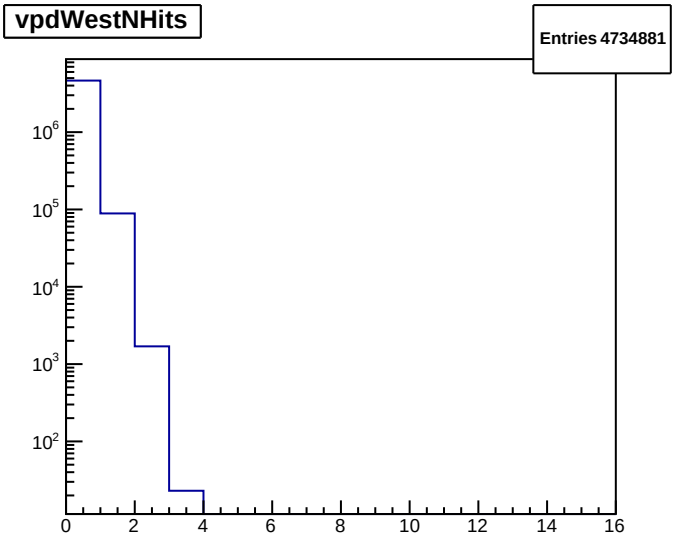

vpdEastNHitsVsSimu
Entries 210677

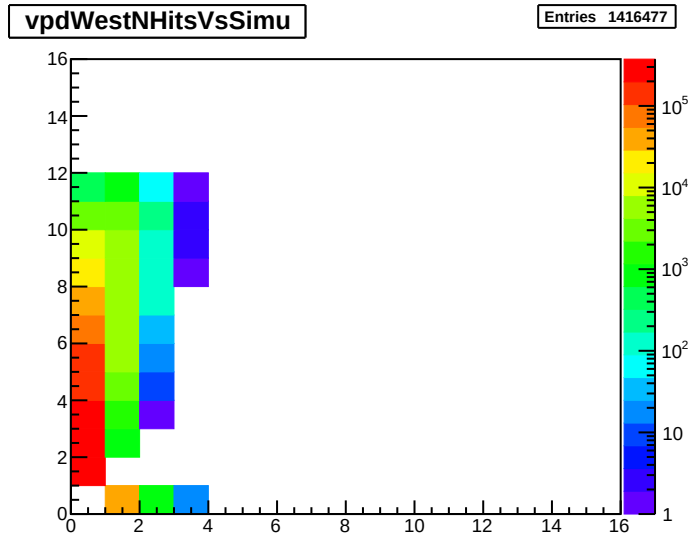

vpdEastTacSum
Entries 4734881

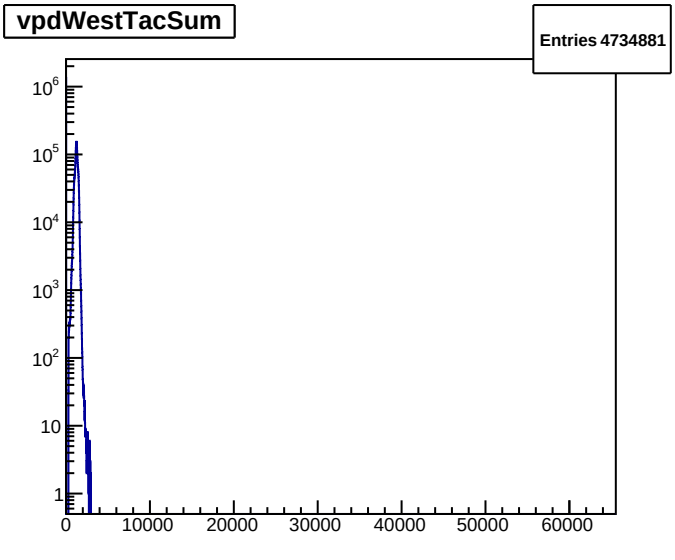

vpdEastTacSumVsSimu
Entries 3551273
Data
Simu

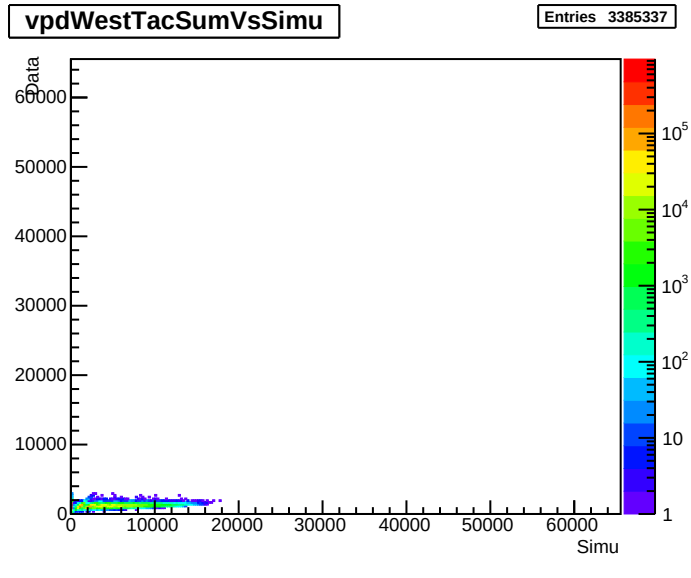

vpdWestAdcSum
Entries 4734881

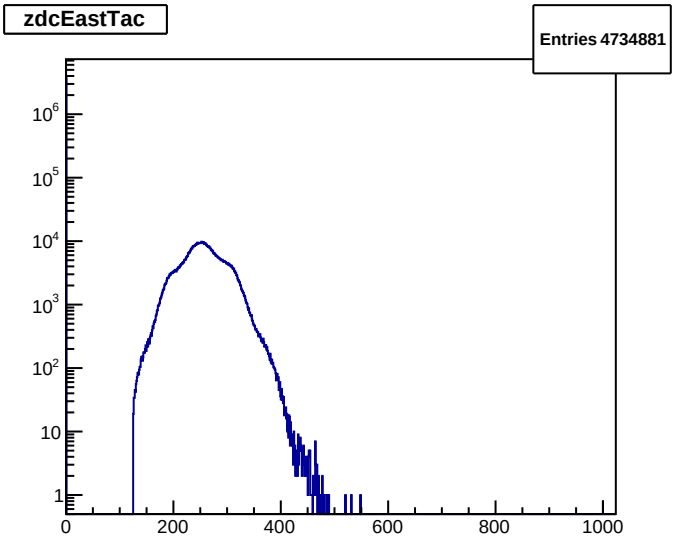

vpdWestAdcSumVsSimu
Entries 2764956
Data
Simu

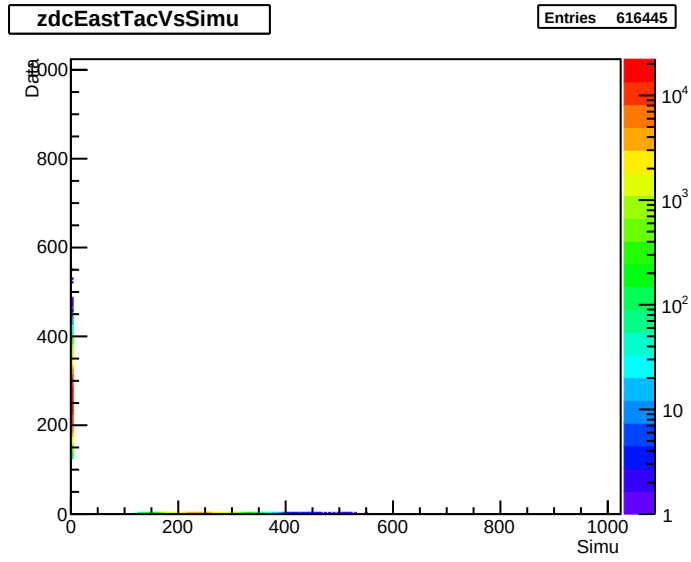

vpdWestNHits
Entries 4734881

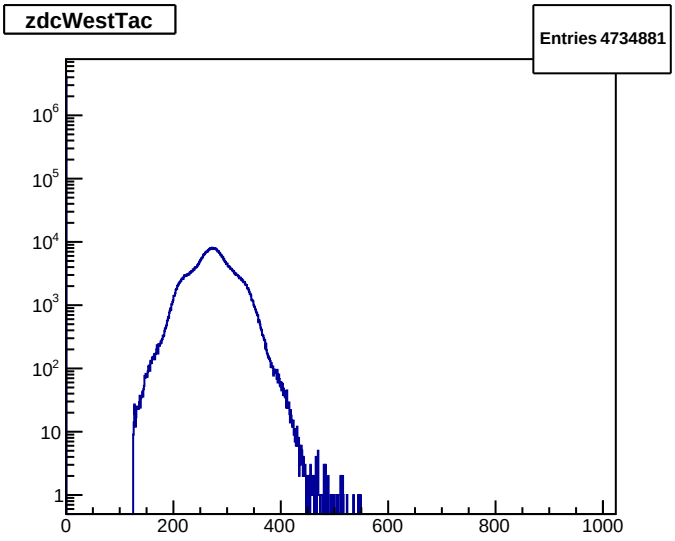

vpdWestNHitsVsSimu
Entries 1416477

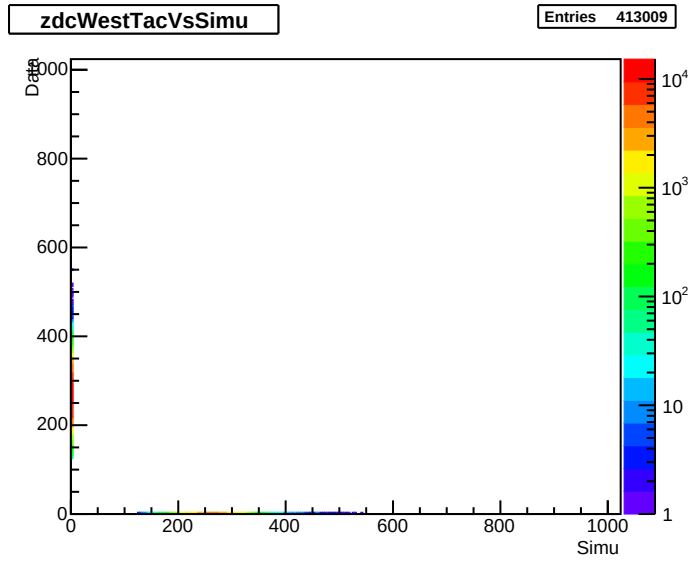

vpdWestTacSum
Entries 4734881

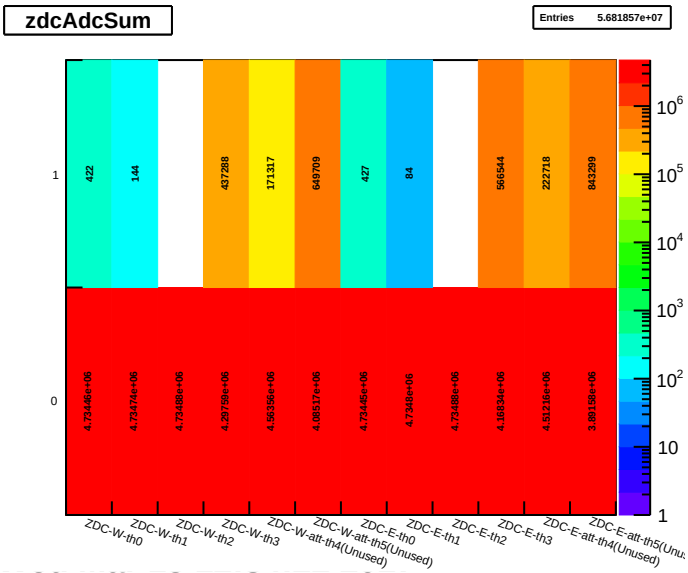

vpdWestTacSumVsSimu
Entries 3385337
Data
Simu

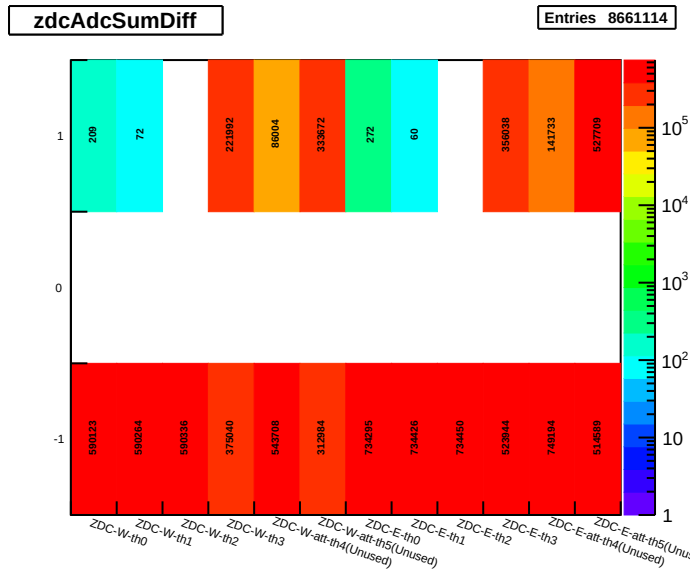

zdcEastTac
Entries 4734881

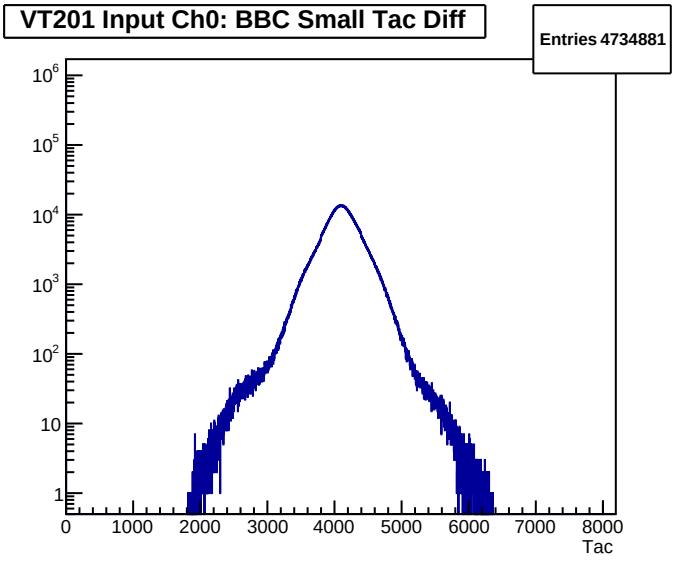

zdcEastTacVsSimu
Entries 616445
Data
Simu

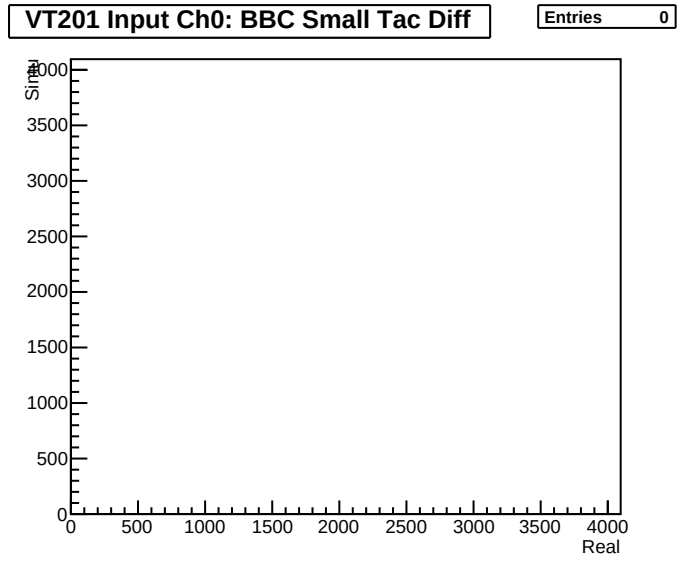

zdcWestTac
Entries 4734881

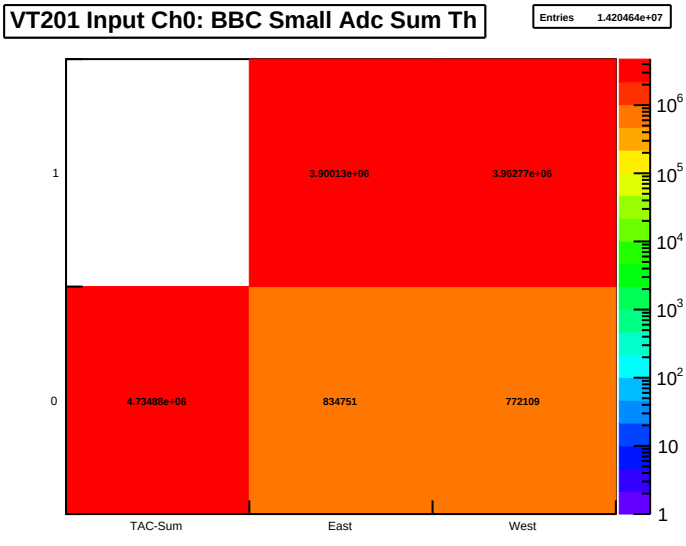

zdcWestTacVsSimu
Entries 413009
Data
Simu

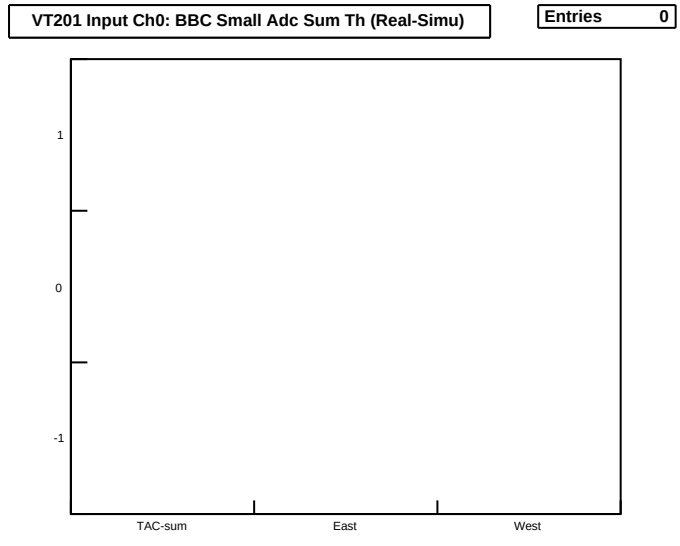

zdcAdcSum
Entries 5.681857e+07
422
144
437288
171317
649709
427
84
566544
222718
843299
4.73446e+06
4.73474e+06
4.73488e+06
4.29759e+06
4.56356e+06
4.09517e+06
4.73445e+06
4.7348e+06
4.73488e+06
4.16834e+06
4.51216e+06
3.89158e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

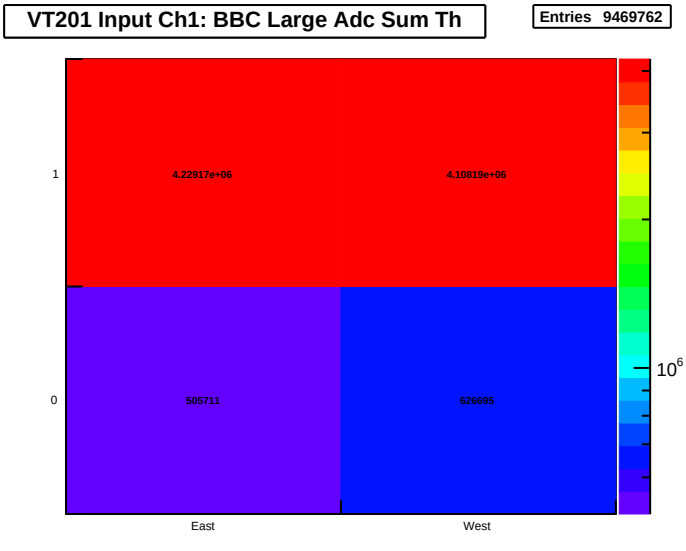

zdcAdcSumDiff
Entries 8661114
209
72
221992
86004
333672
272
60
356038
141733
527709
590123
592264
593336
375040
543708
312984
734295
734426
734450
523944
749194
514589
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

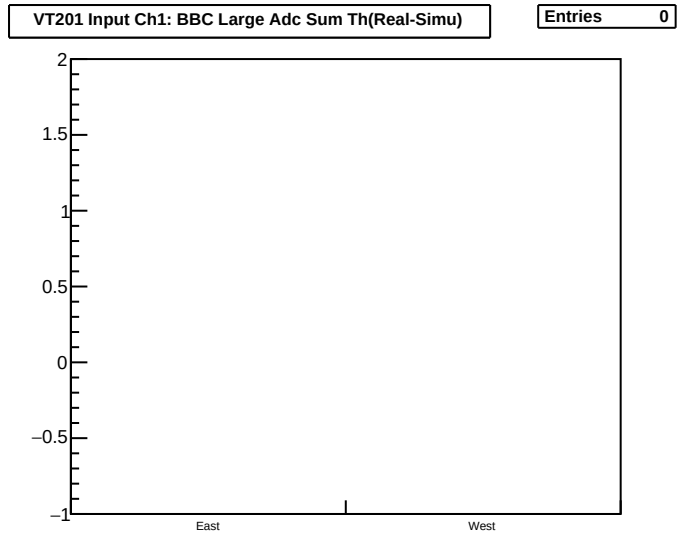

VT201 Input Ch0: BBC Small Tac Diff
Entries 4734881
Tac


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

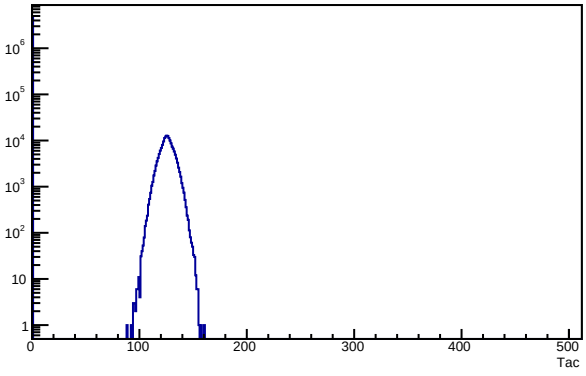

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.420464e+07
3.90013e+06
3.96277e+06
4.73488e+06
834751
772109
TAC-Sum
East
West


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

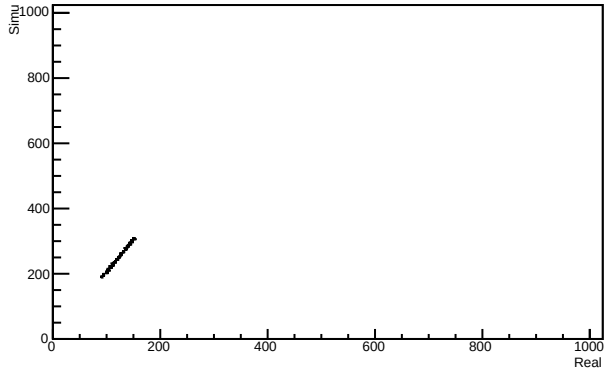

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9469762
4.22917e+06
4.10819e+06
505711
626695
East
West


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

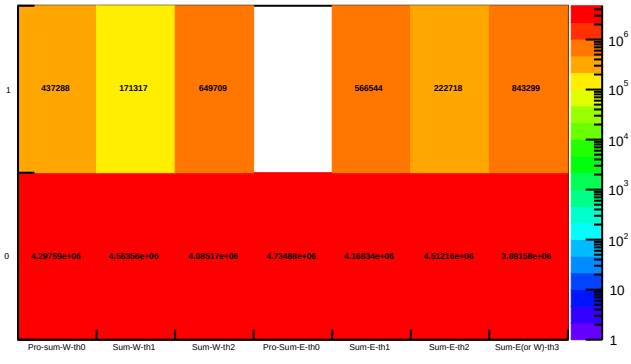
VT201 Input Ch2: ZDC Tac Diff



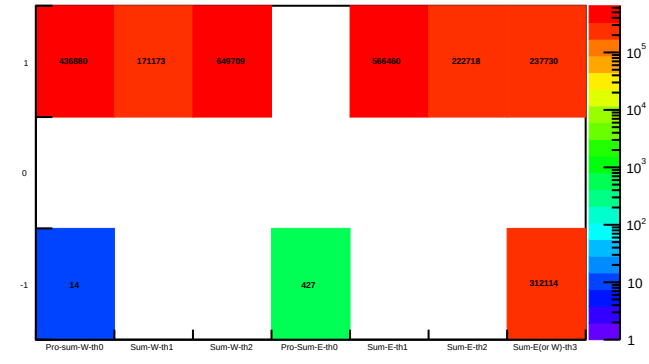
VT201 Input Ch2: ZDC Tac Diff



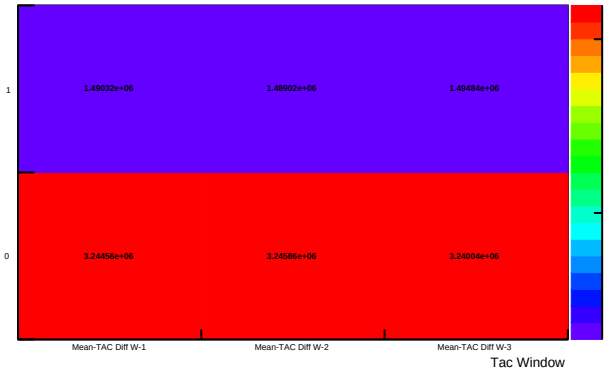
VT201 Input Ch2: ZDC Adc Sum Th



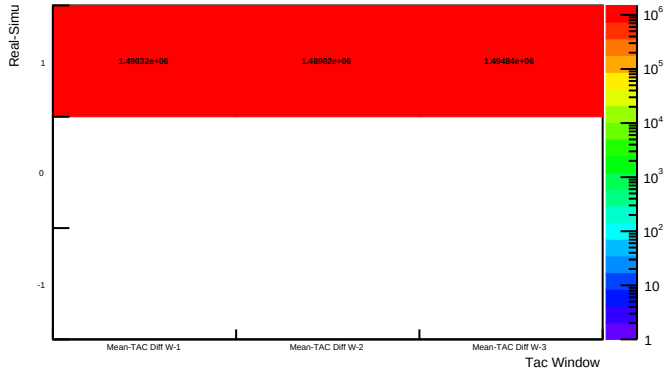
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



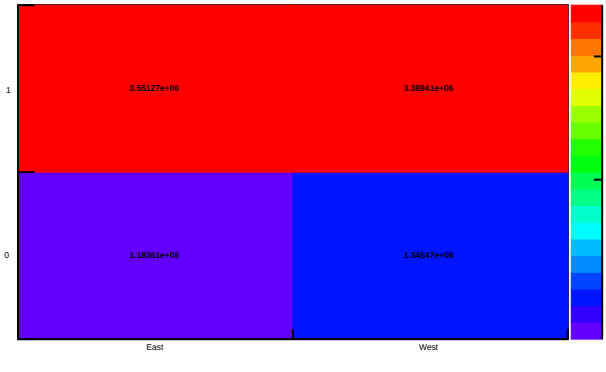
VT201 Input Ch4: VPD Tac Diff



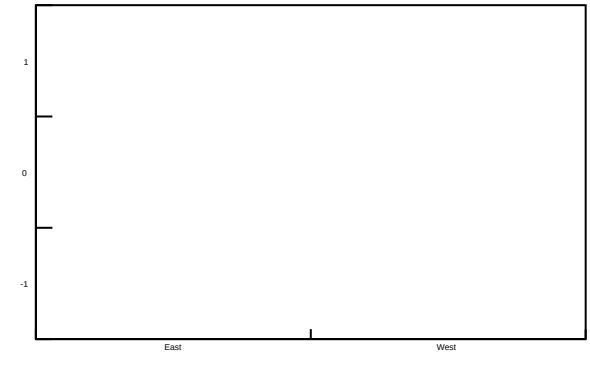
VT201 Input Ch4: VPD Tac Diff

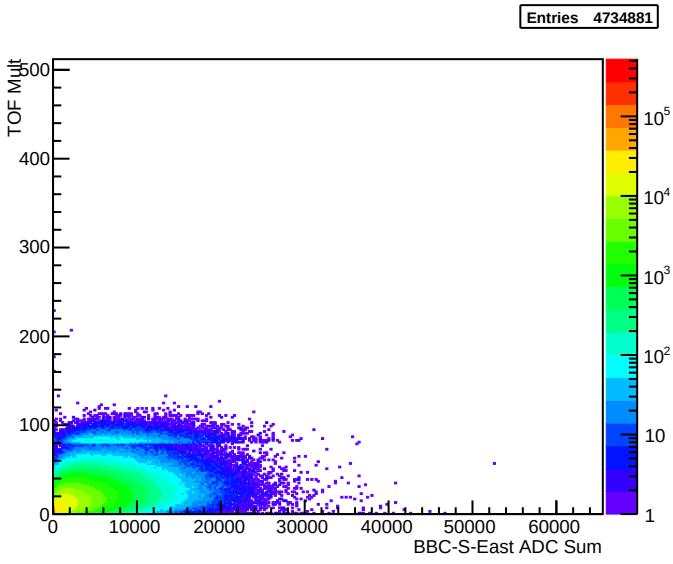


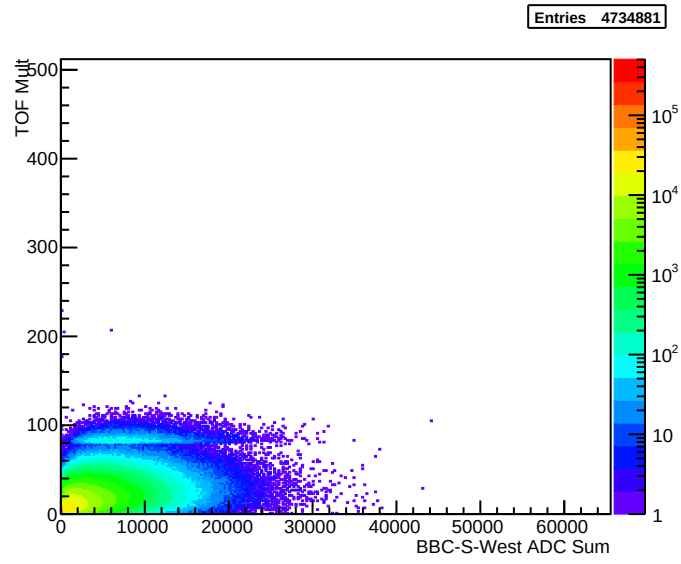
VT201 Input Ch4: VPD Adc Sum Th

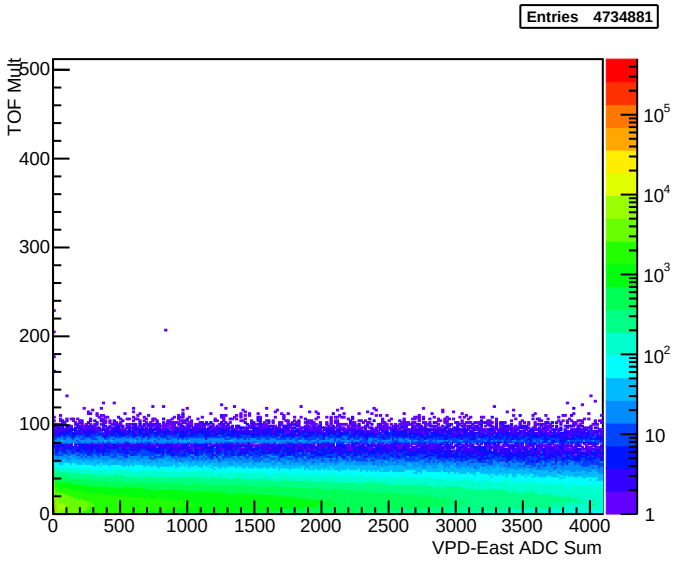


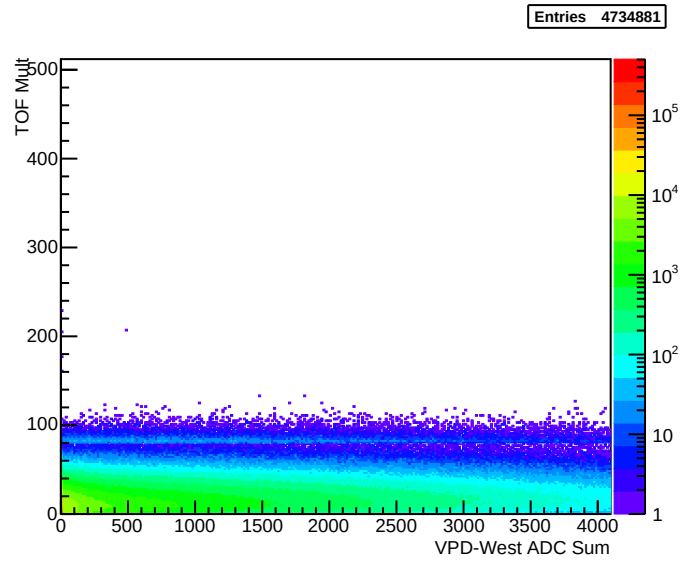
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

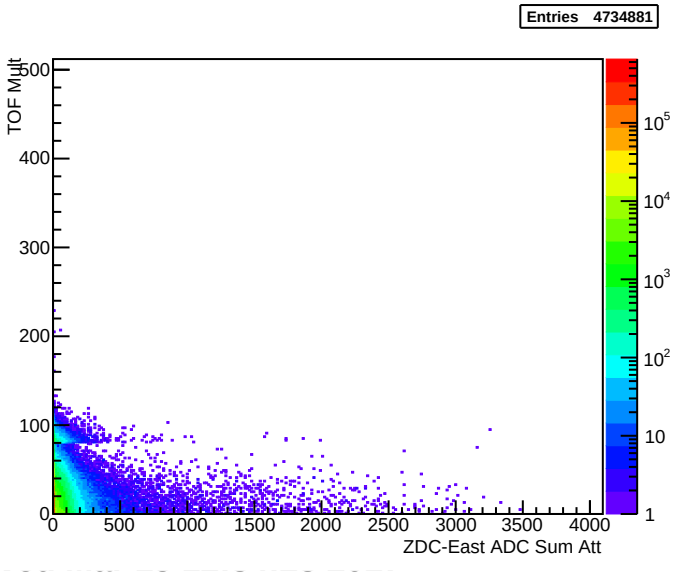


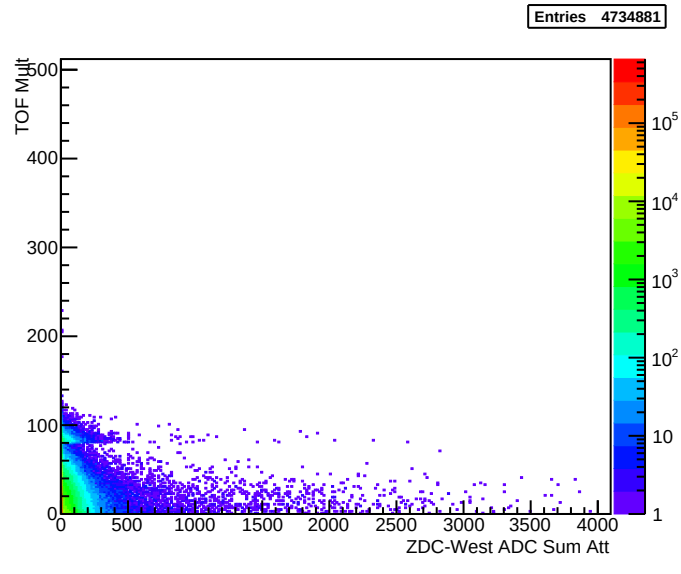

Entries 4734881
TOF Mult
BBC-S-East ADC Sum

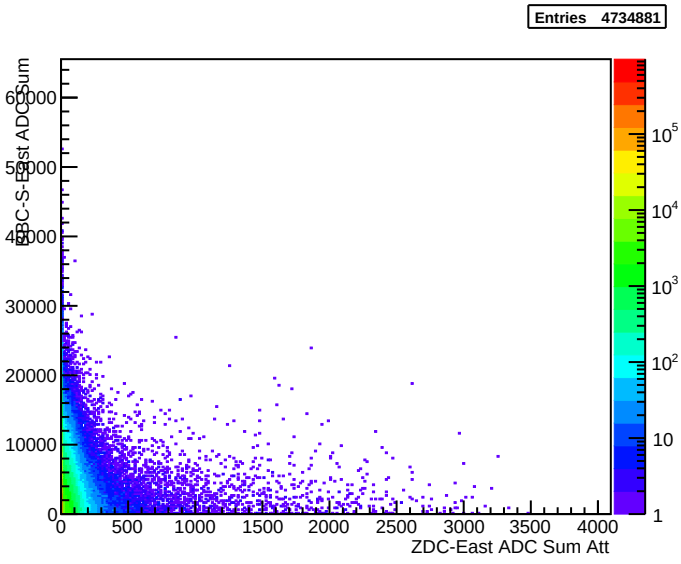

Entries 4734881
TOF Mult
BBC-S-West ADC Sum

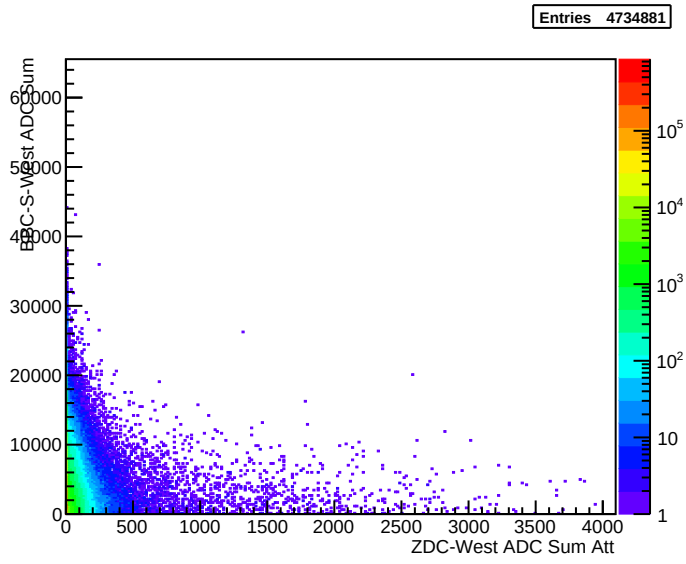

Entries 4734881
TOF Mult
VPD-East ADC Sum

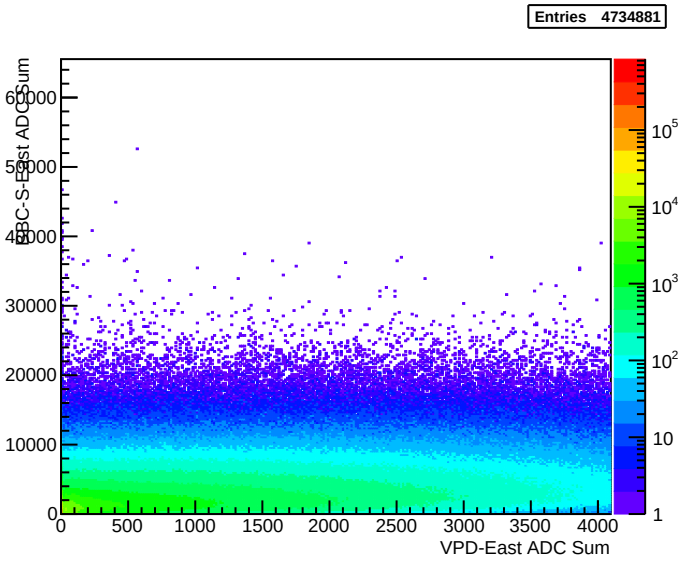

Entries 4734881
TOF Mult
VPD-West ADC Sum

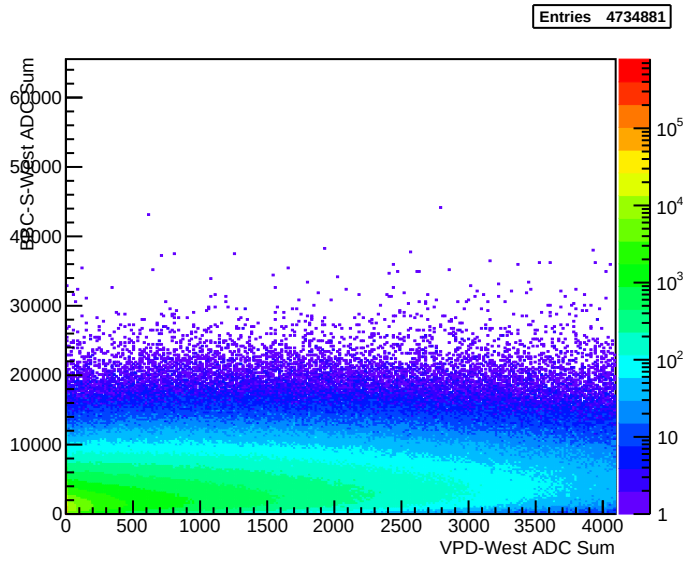

Entries 4734881
TOF Mult
ZDC-East ADC Sum Att

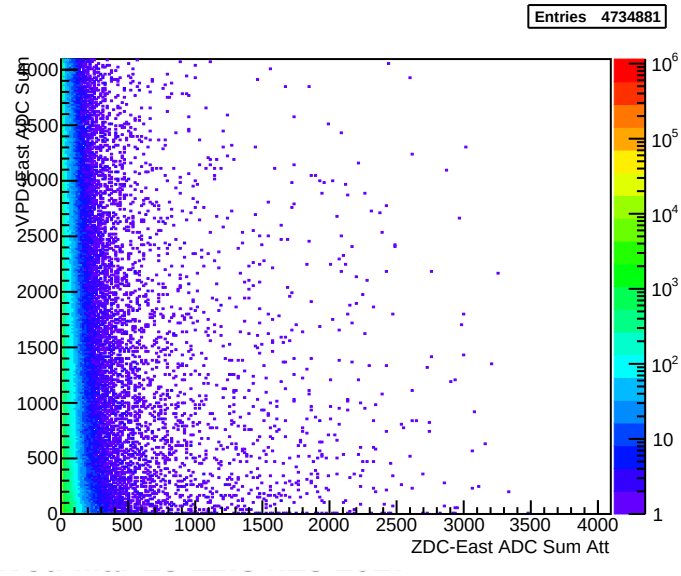

Entries 4734881
TOF Mult
ZDC-West ADC Sum Att

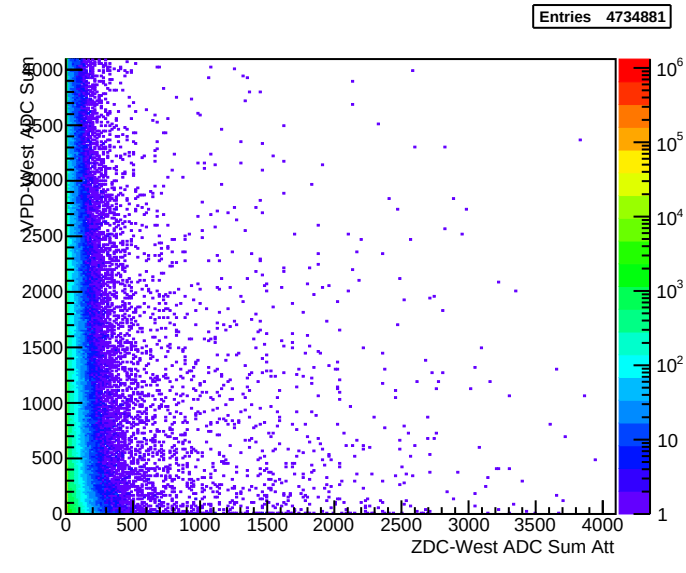

Entries 4734881
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

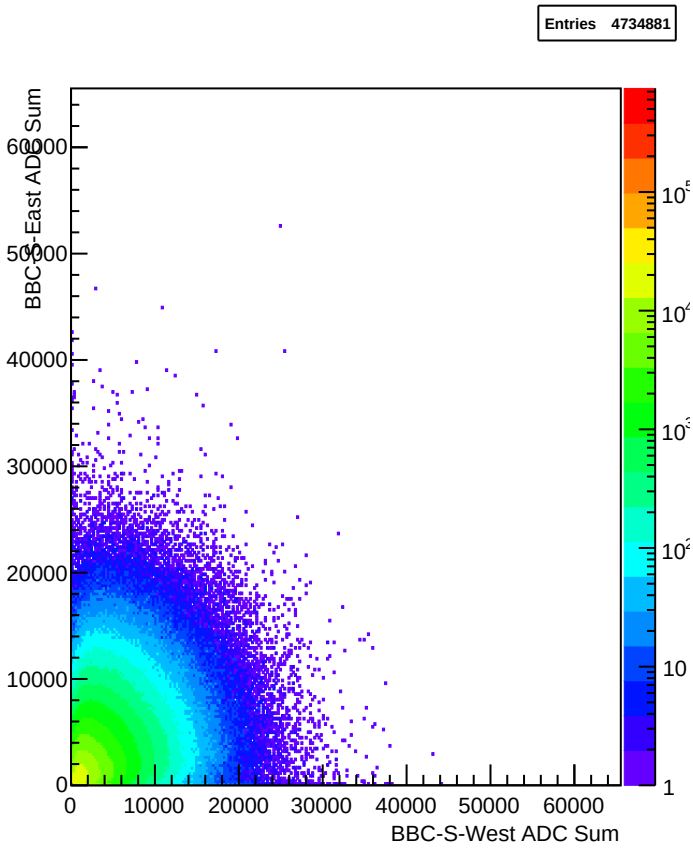

Entries 4734881
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

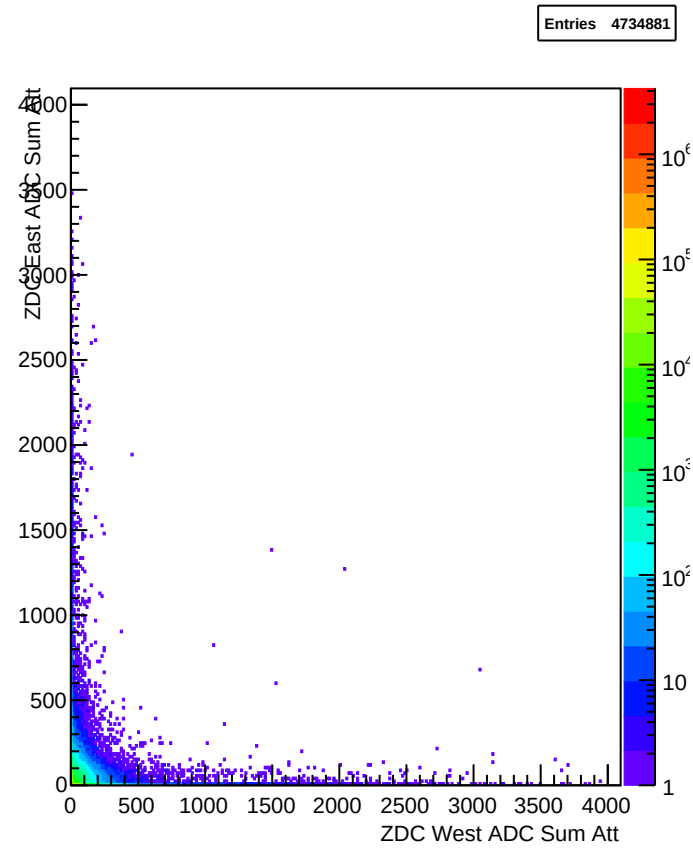

Entries 4734881
BBC-S-East ADC Sum
VPD-East ADC Sum

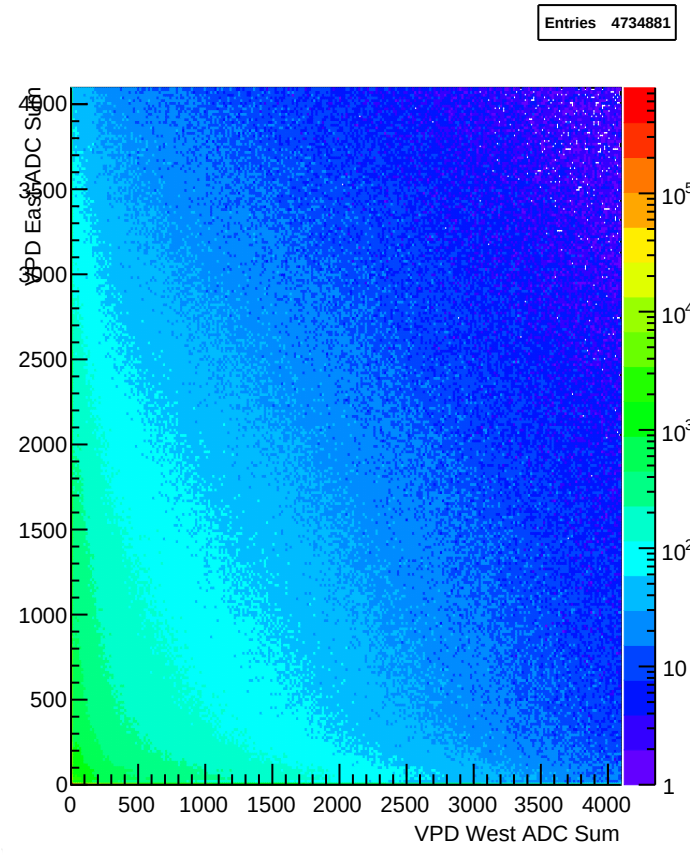

Entries 4734881
BBC-S-West ADC Sum
VPD-West ADC Sum

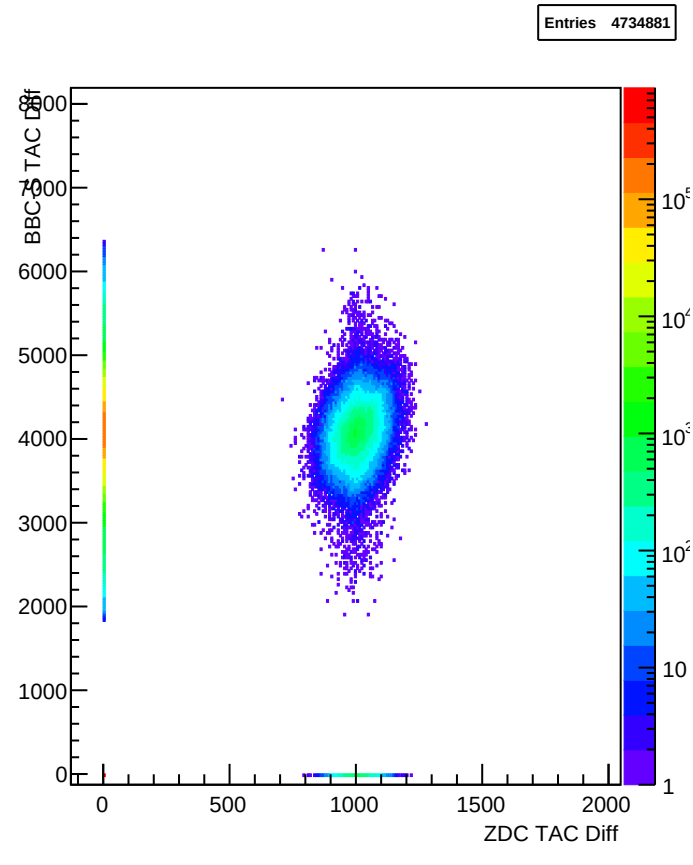

Entries 4734881
VPD-East ADC Sum
ZDC-East ADC Sum Att

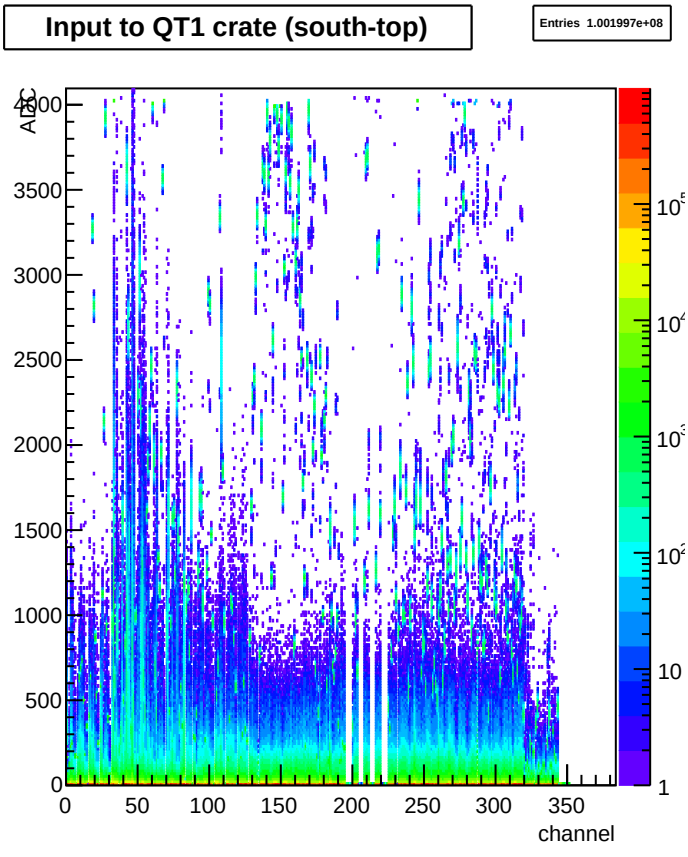

Entries 4734881
VPD-West ADC Sum
ZDC-West ADC Sum Att

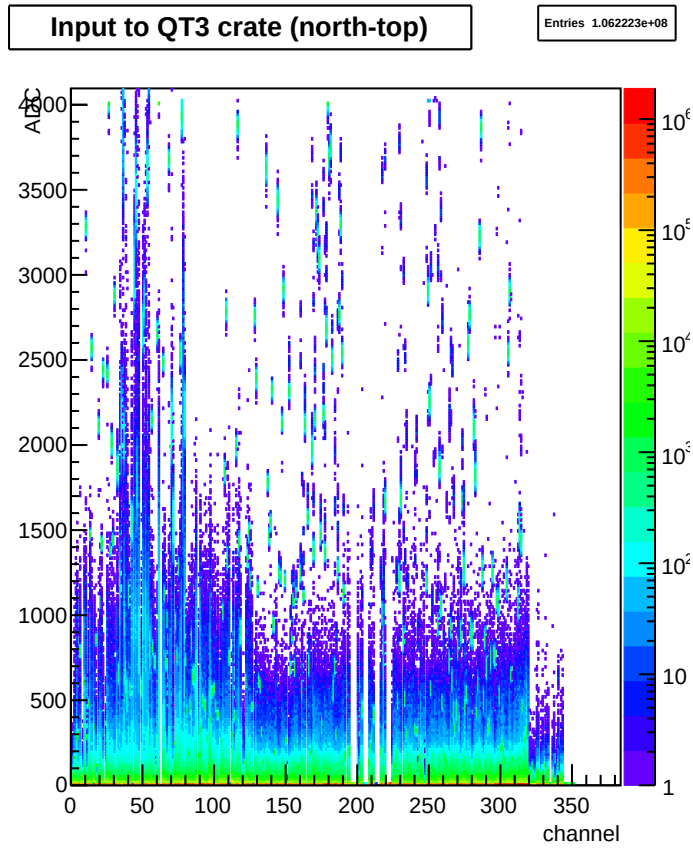

Entries 4734881
BBC-S-East ADC Sum
BBC-S-West ADC Sum

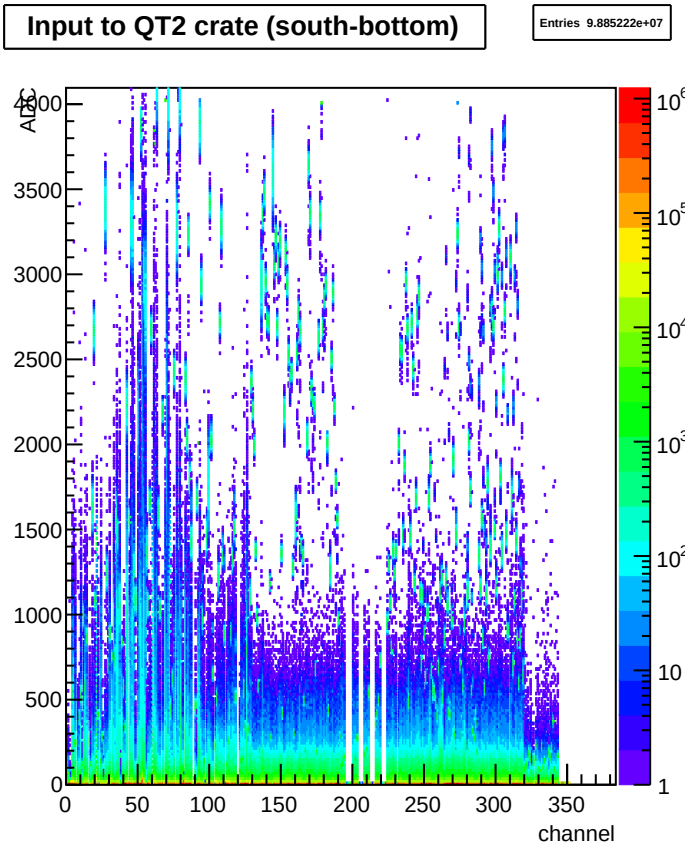

Entries 4734881
ZDC East ADC Sum Att
ZDC West ADC Sum Att

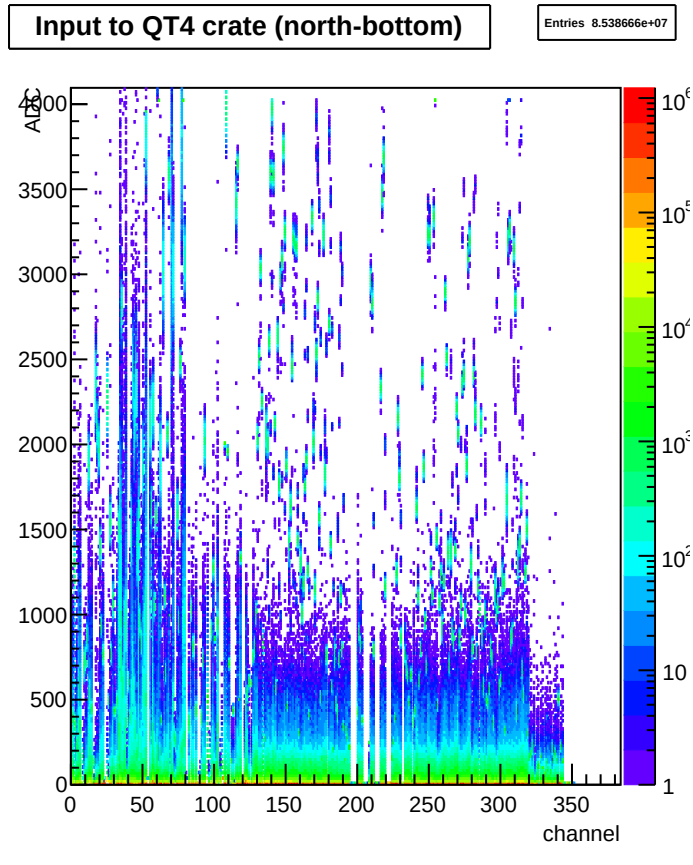

Entries 4734881
VPD East ADC Sum
VPD West ADC Sum

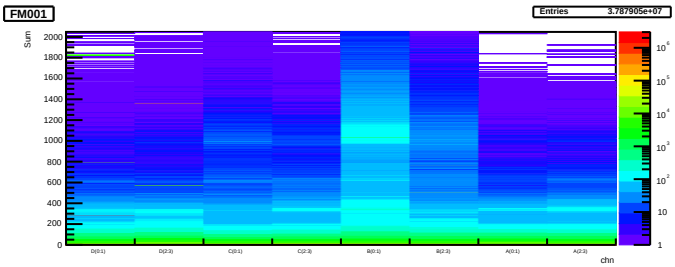

Entries 4734881
BBC-S TAC Diff
ZDC TAC Diff

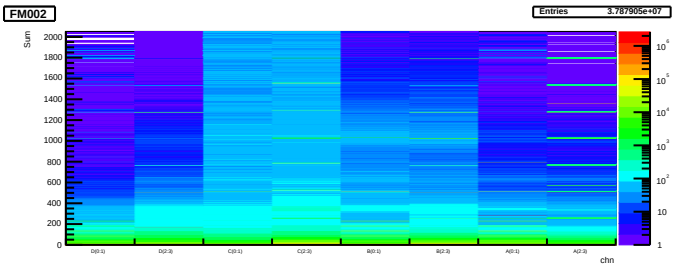

Input to QT1 crate (south-top)
Entries 1.001997e+08
ADC
channel

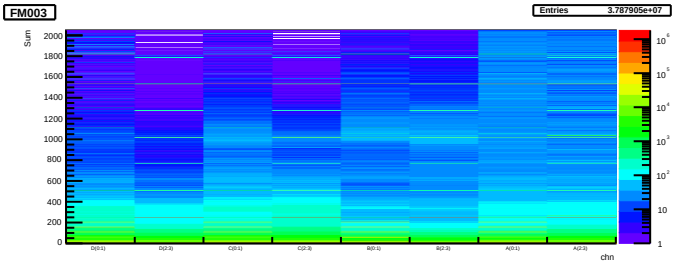

Input to QT3 crate (north-top)
Entries 1.062223e+08
ADC
channel

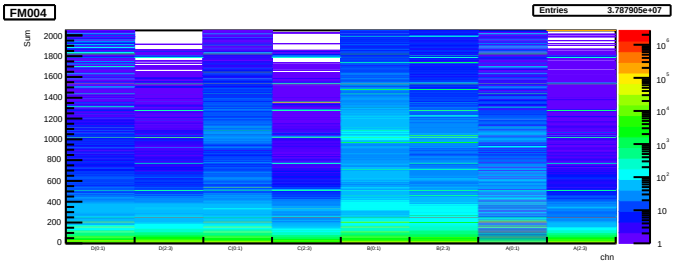

Input to QT2 crate (south-bottom)
Entries 9.885222e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 8.538666e+07
ADC
channel


FM001
Entries 3.787905e+07
Sum
chn


FM002
Entries 3.787905e+07
Sum
chn


FM003
Entries 3.787905e+07
Sum
chn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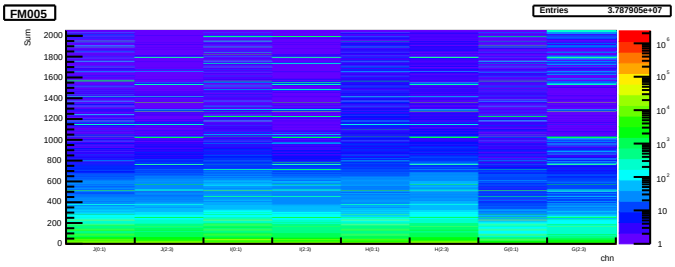
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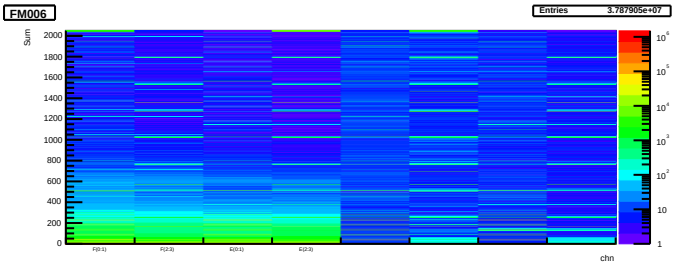
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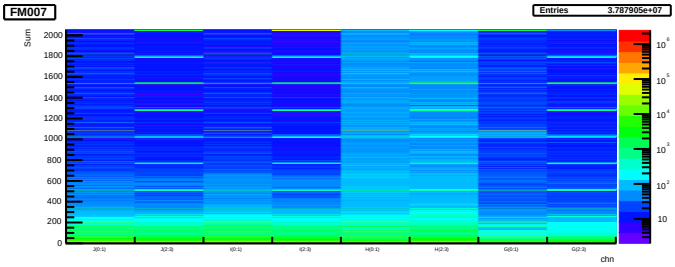
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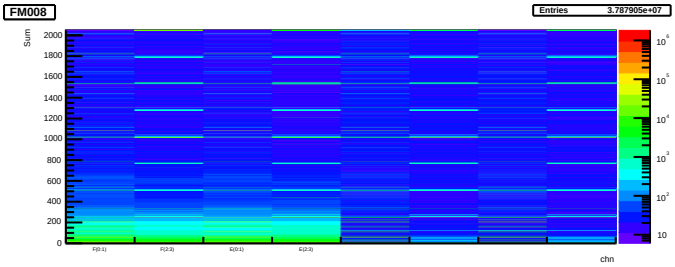
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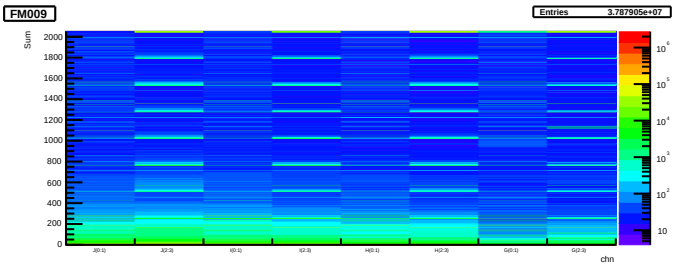
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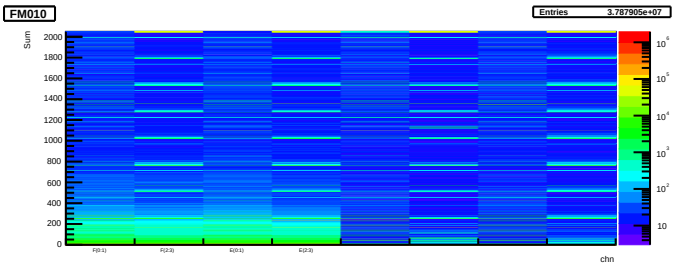
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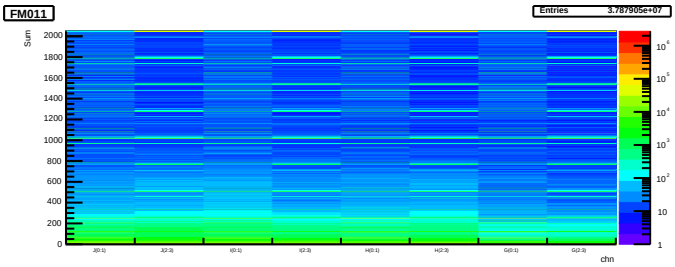
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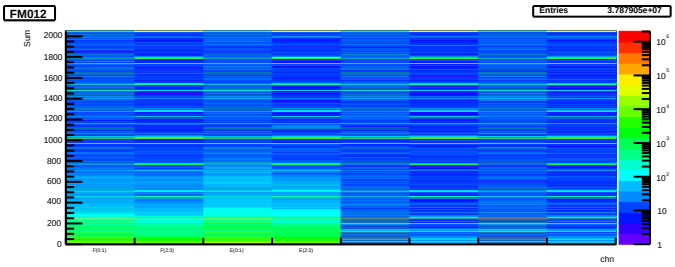
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Entries 3.787905e+07
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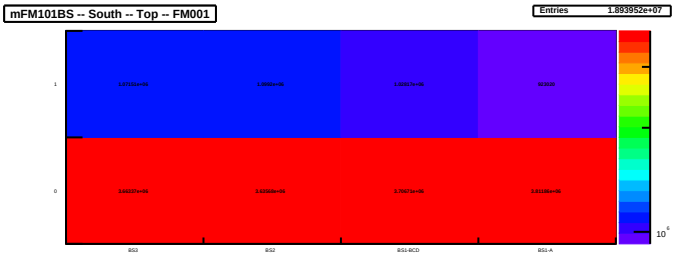
mFM101BS -- South -- Top -- FM001
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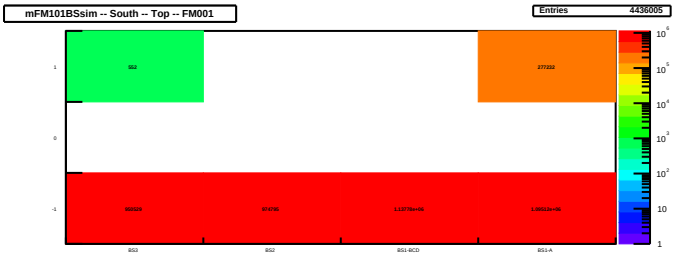
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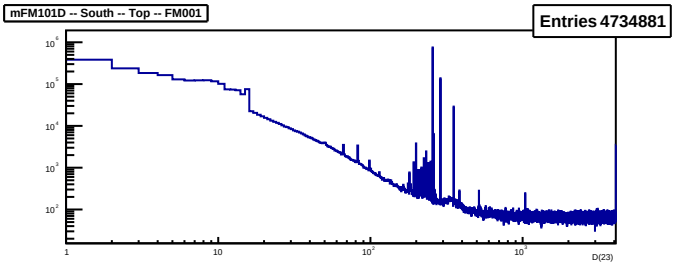
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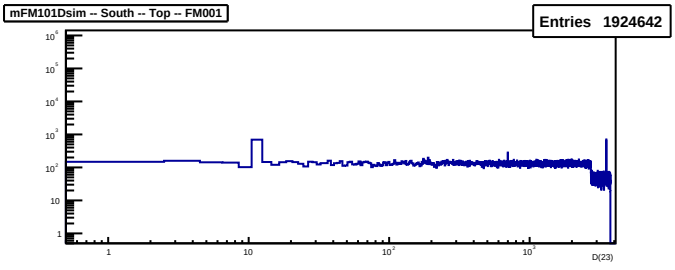
Entries 4734881
D(23)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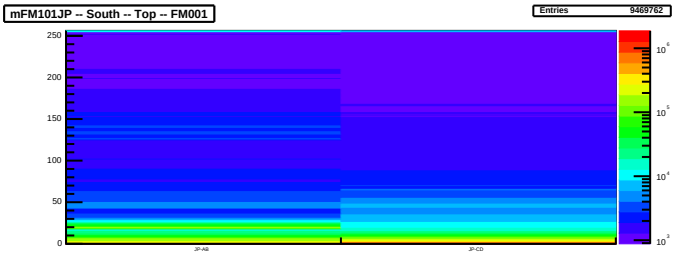
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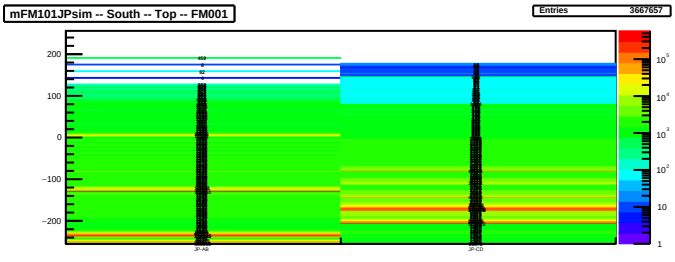
Entries 9469762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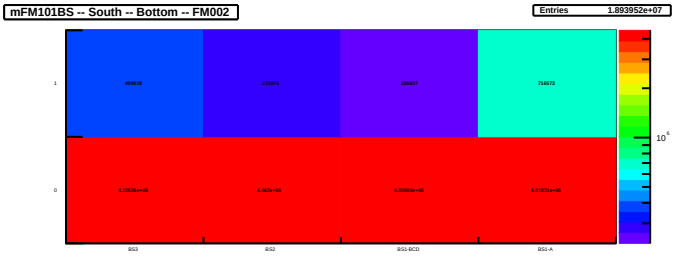
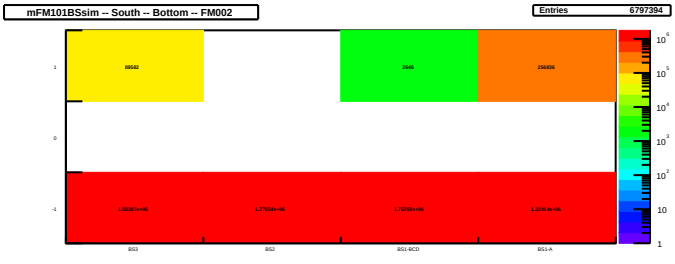

mFM101BS -- South -- Bottom -- FM002
Entries 1.893952e+07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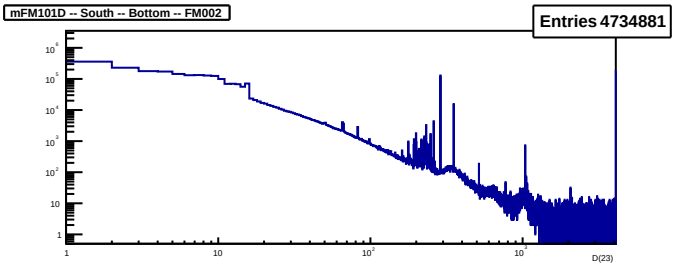
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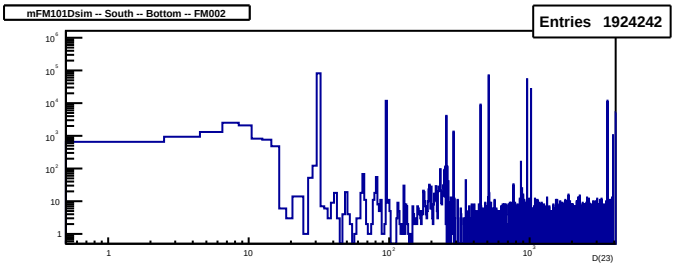
Entries 4734881
D(23)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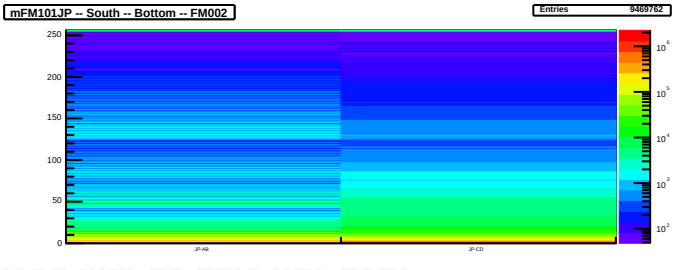
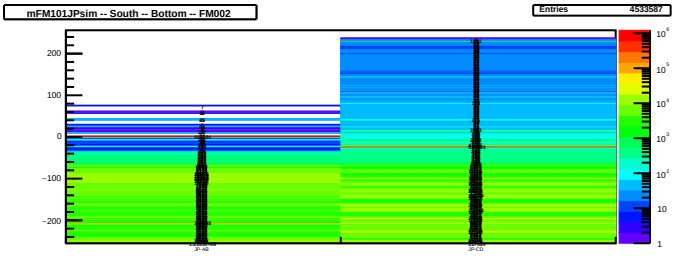

mFM101JP -- South -- Bottom -- FM002
Entries 9469762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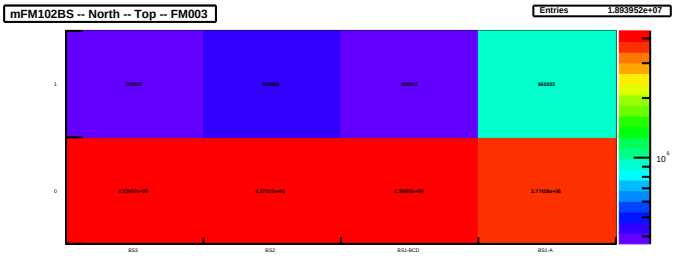
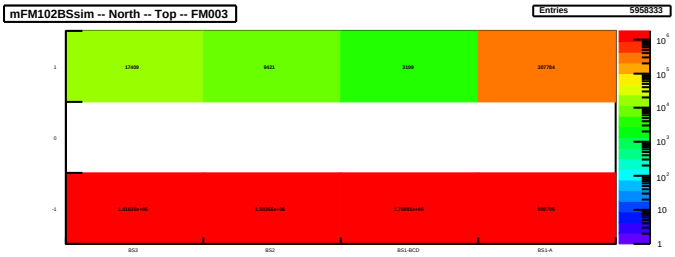

mFM102BS -- North -- Top -- FM003
Entries 1.893952e+07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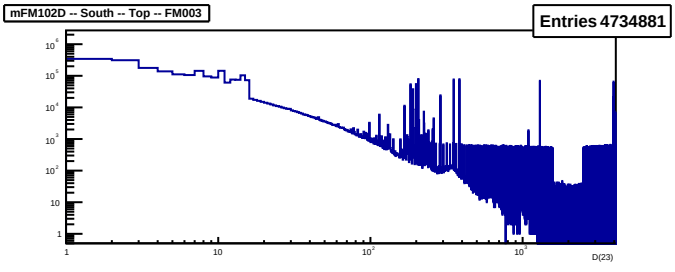
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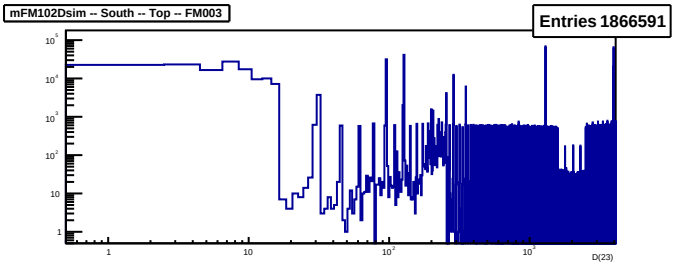
D(23)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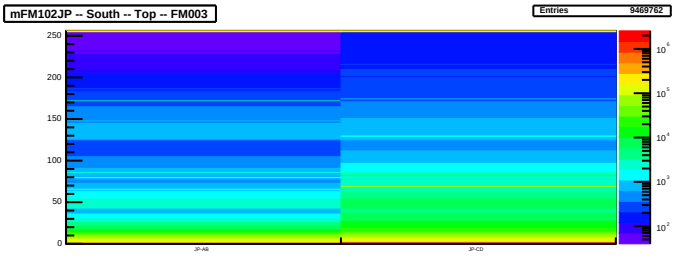
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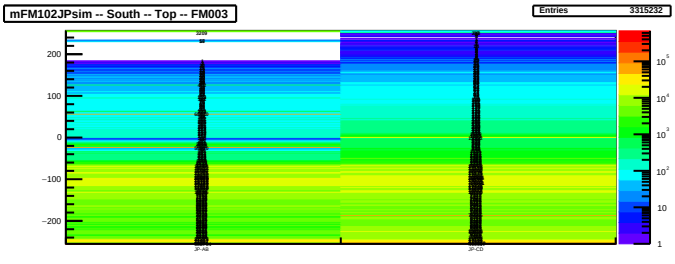
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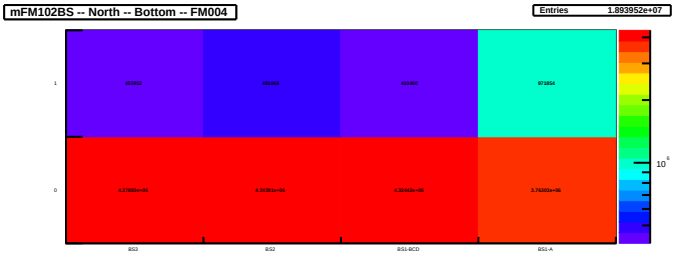
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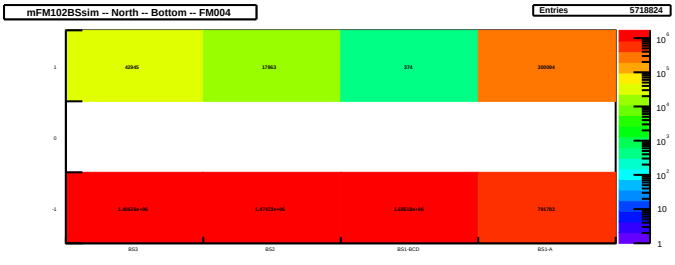
Entries 1.893952e+07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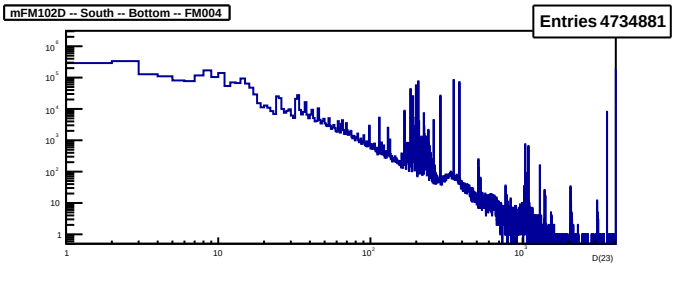
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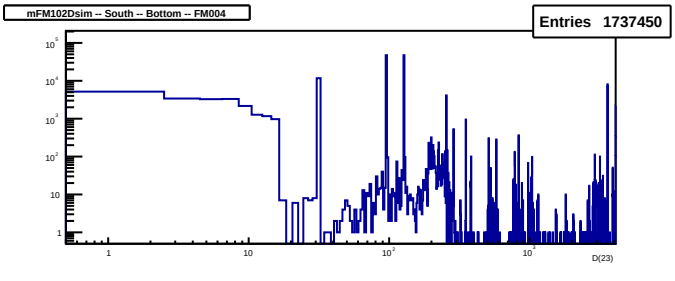
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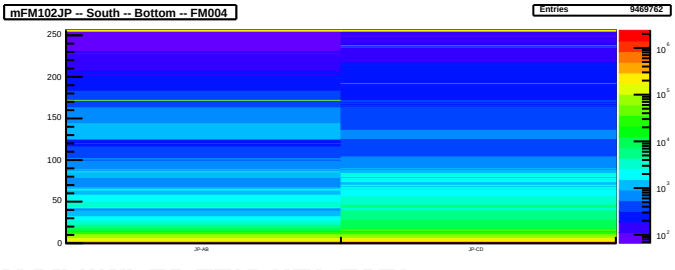
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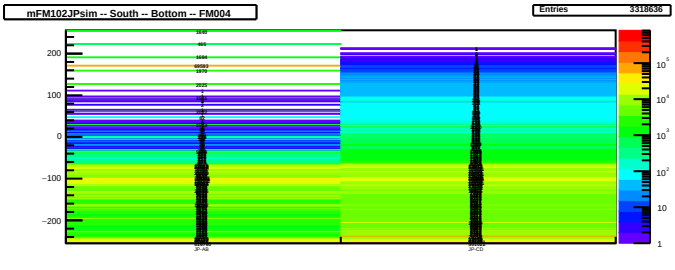
Entries 9469762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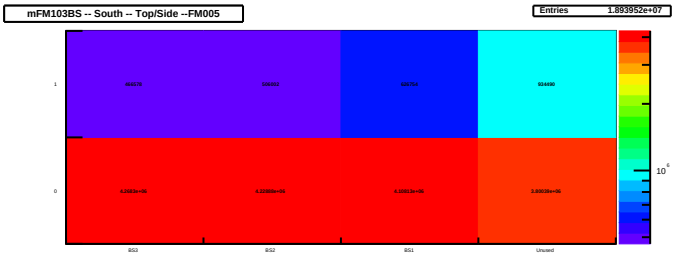
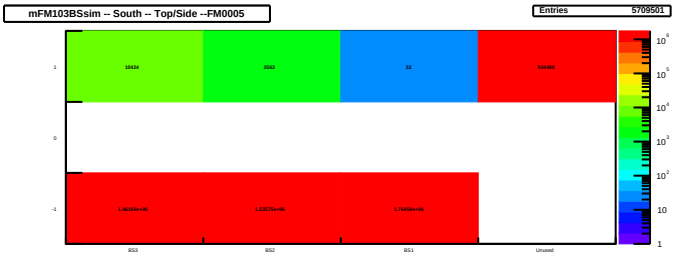

mFM103BS -- South -- Top/Side --FM005
Entries 1.893952e+07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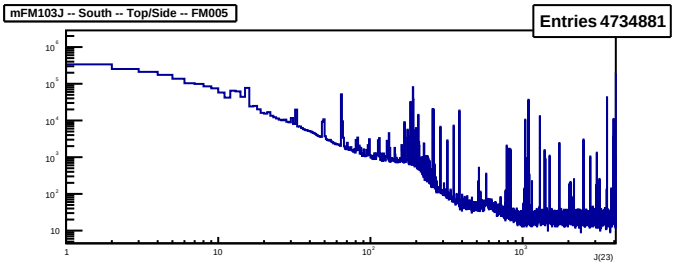
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Entries 4734881
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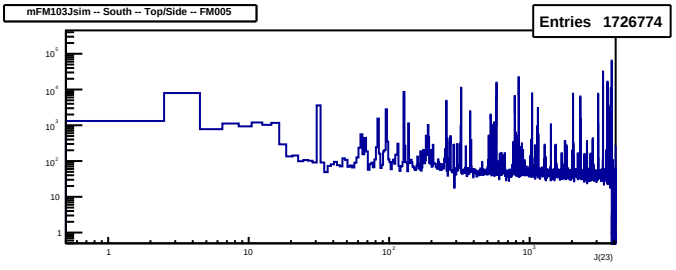
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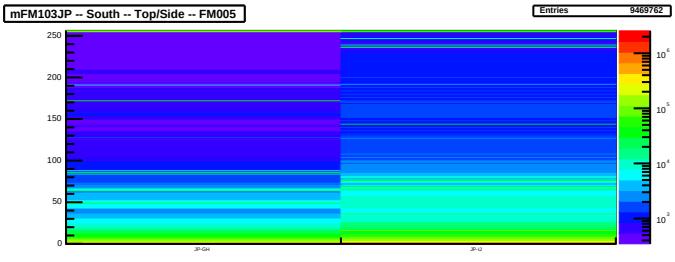
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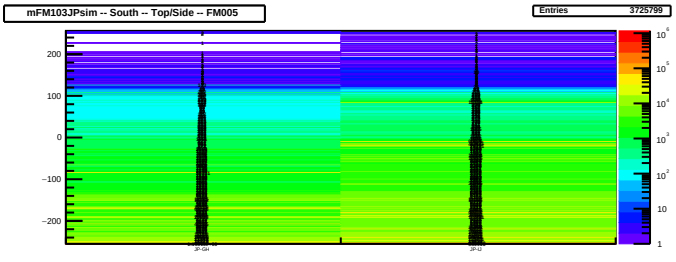
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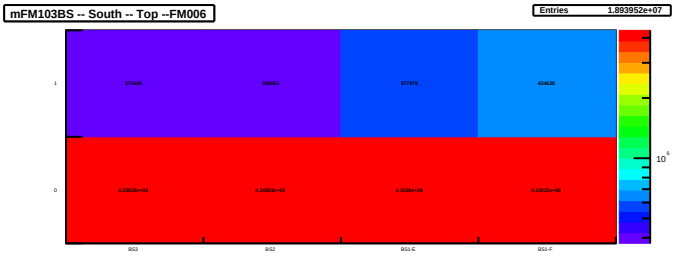
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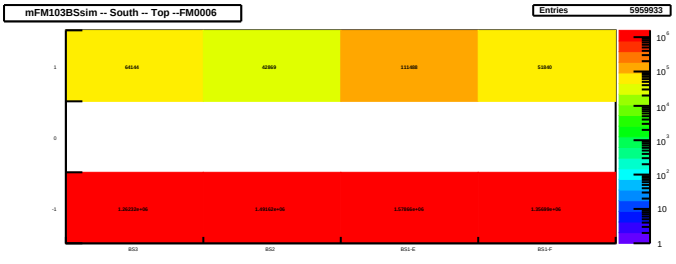
Entries 1.893952e+07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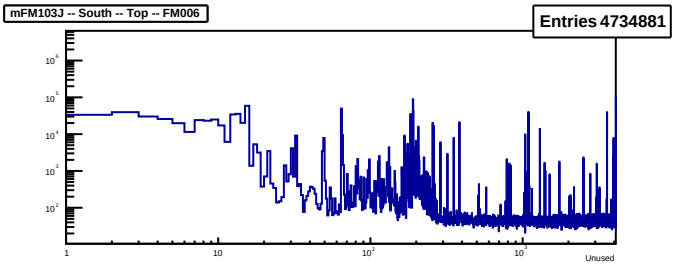
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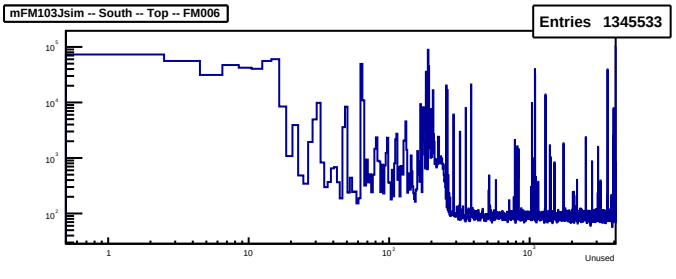
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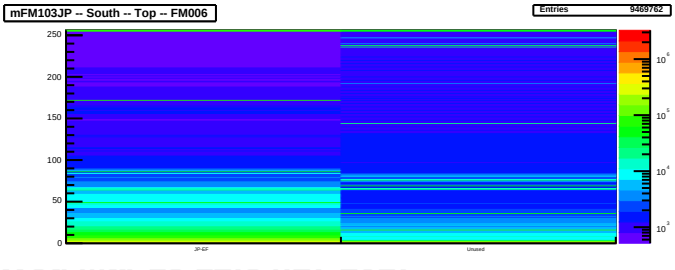
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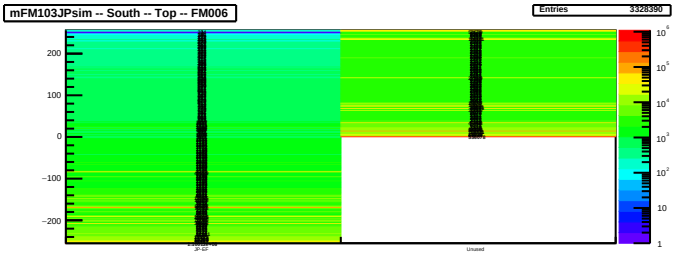
Entries 9469762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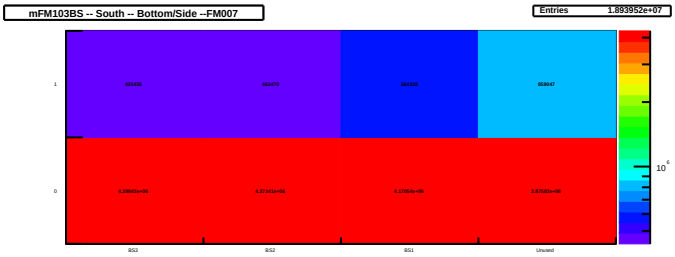
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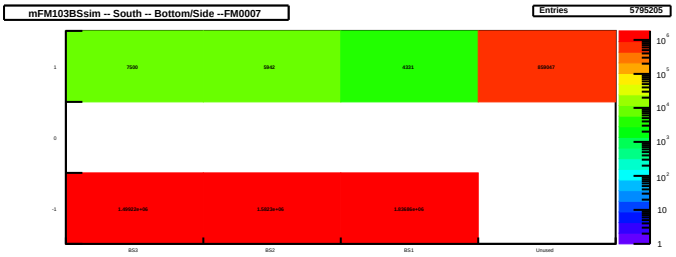
Entries 1.893952e+07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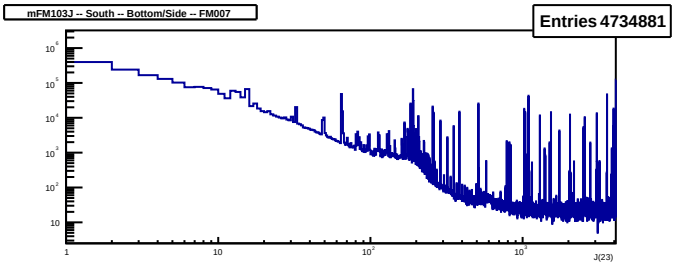
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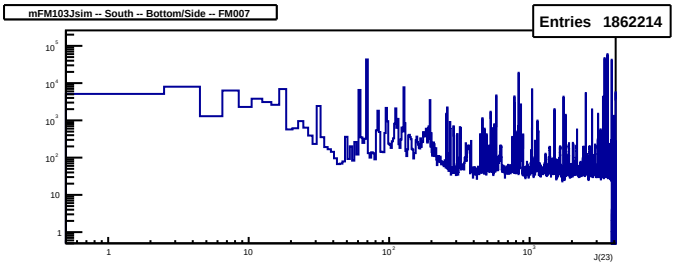
Entries 4734881
J(23)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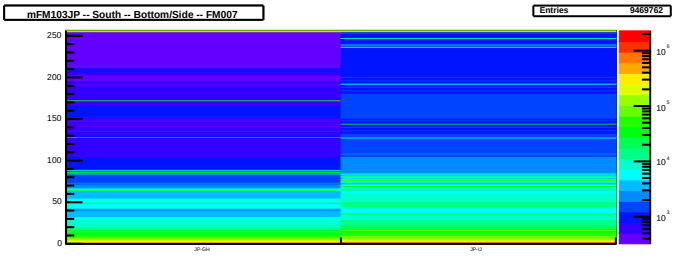
J(23)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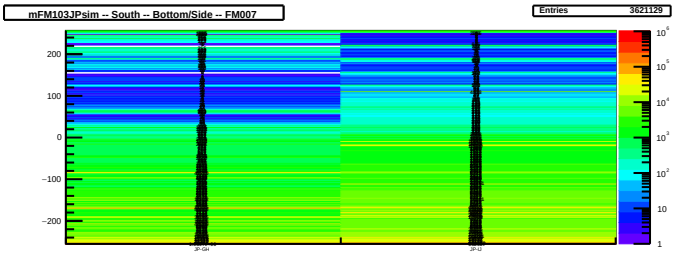
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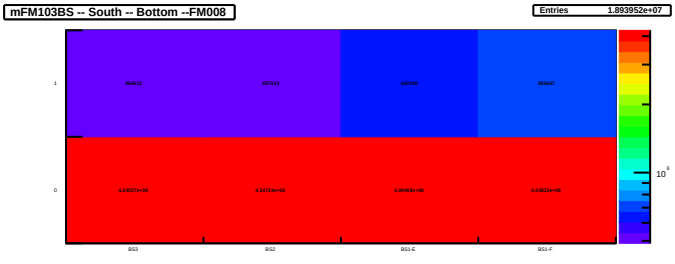
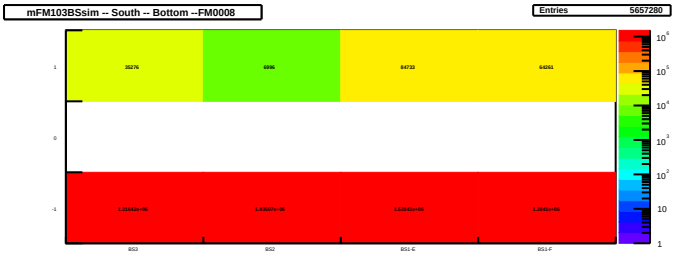

mFM103BS -- South -- Bottom --FM008
Entries 1.893952e+07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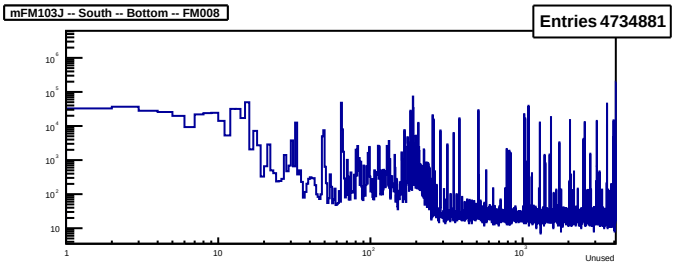
mFM103J -- South -- Bottom -- FM008
Entries 4734881
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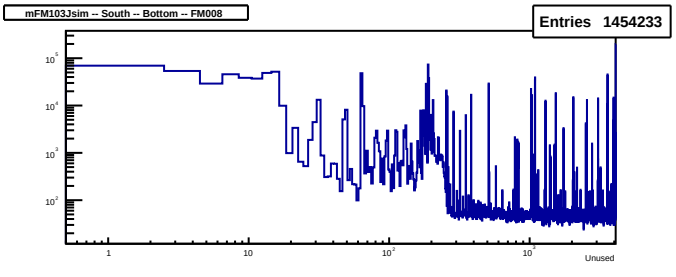
mFM103Jsim -- South -- Bottom -- FM008
Entries 1454233
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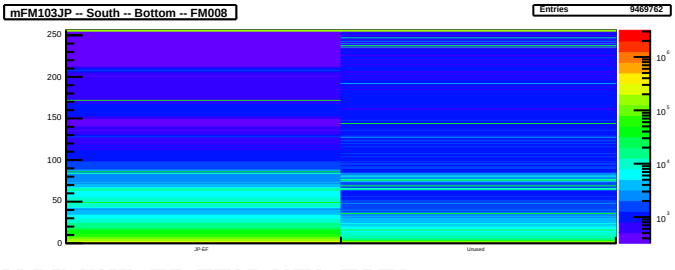
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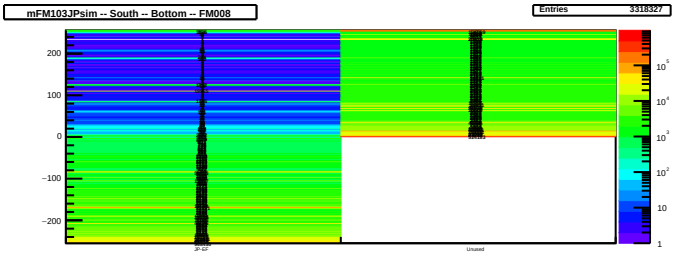
Entries 9469762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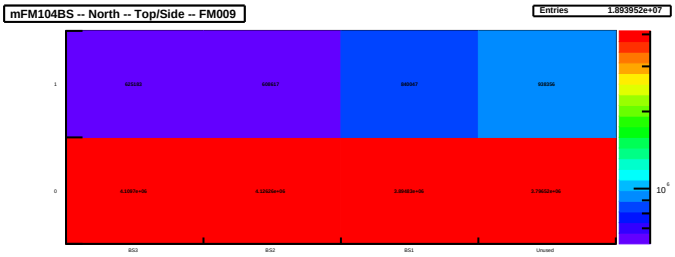
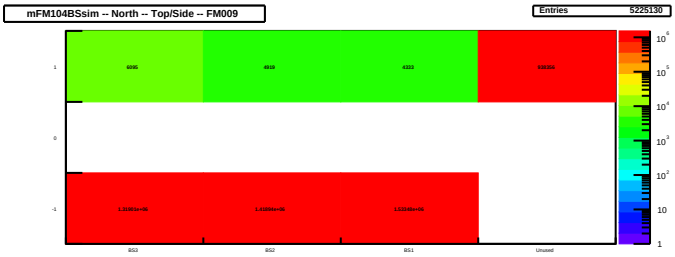

mFM104BS -- North -- Top/Side -- FM009
Entries 1.893952e+07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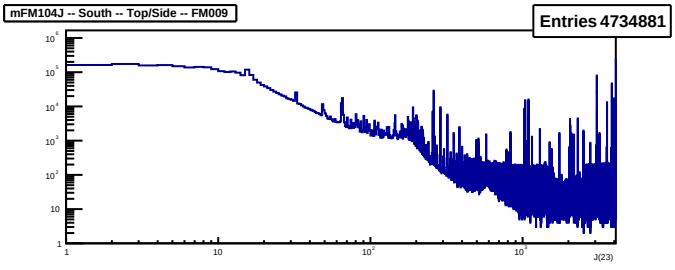
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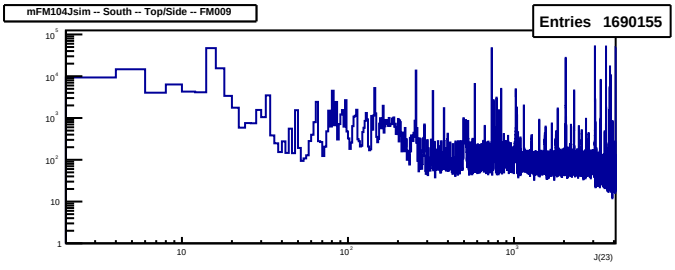
Entries 4734881
J(23)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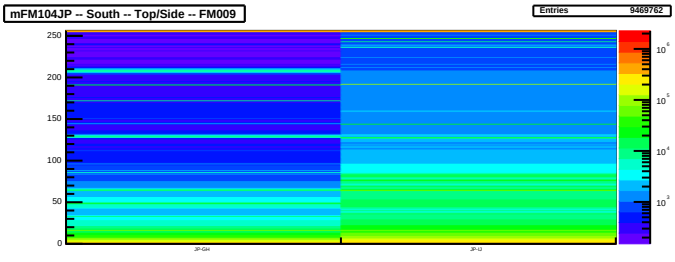
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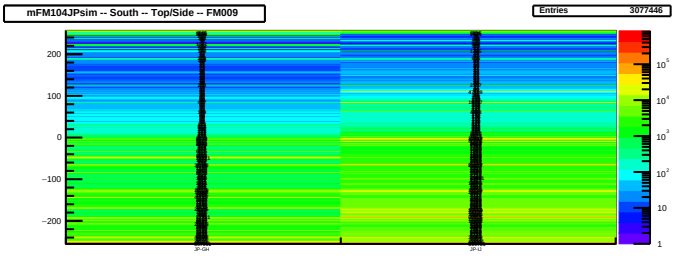
Entries 9469762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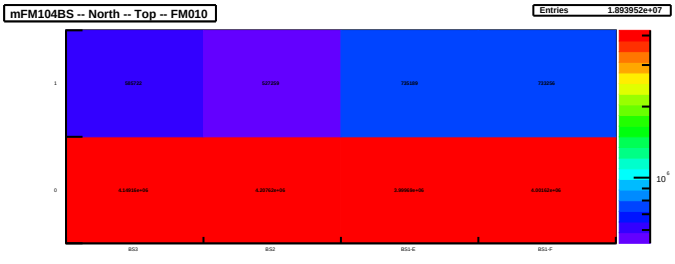
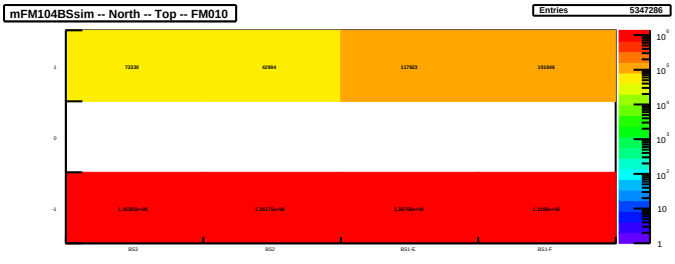

mFM104BS -- North -- Top -- FM010
Entries 1.893952e+07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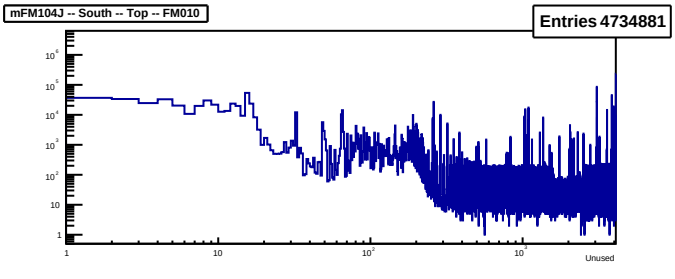
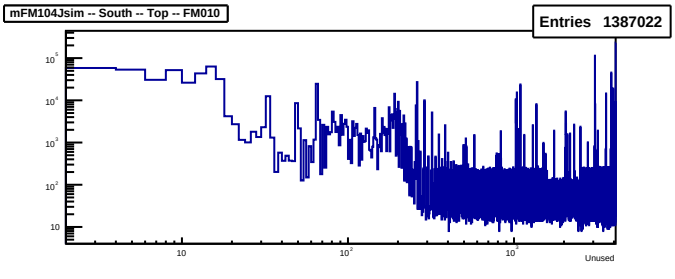
Entries 5347286


mFM104J -- South -- Top -- FM010
Entries 4734881
Unused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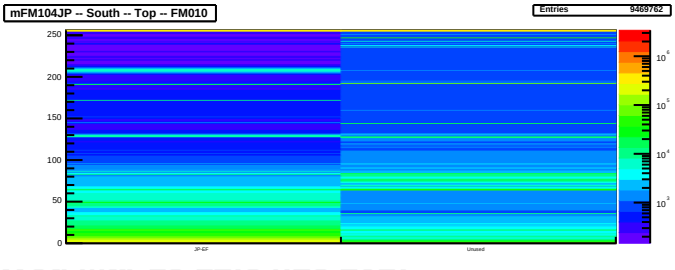
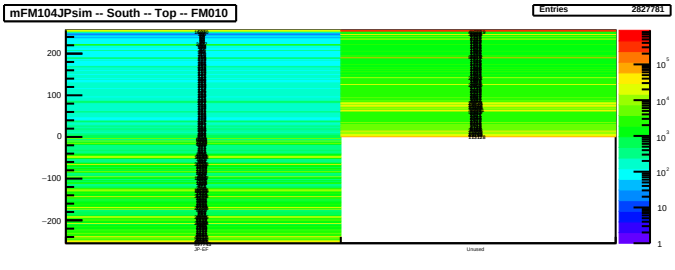

mFM104JP -- South -- Top -- FM010
Entries 9469762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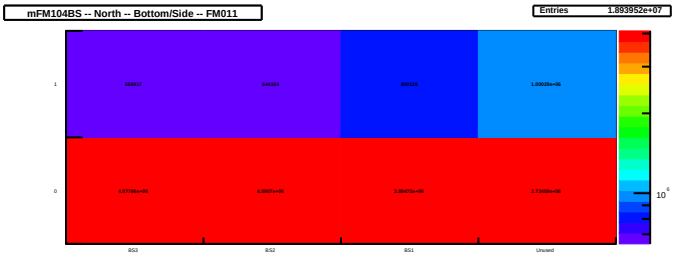
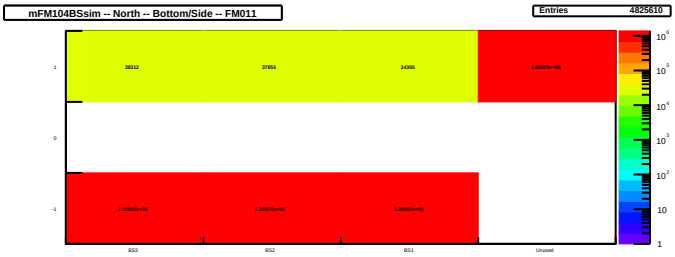
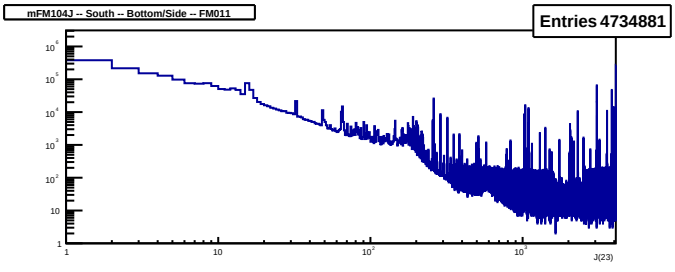
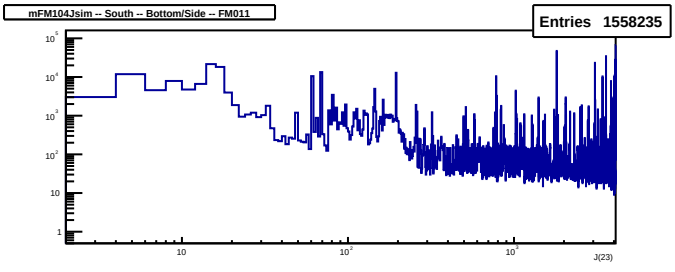
Entries 2827781


mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.893952e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4825610


mFM104J -- South -- Bottom/Side -- FM011
Entries 4734881
J(23)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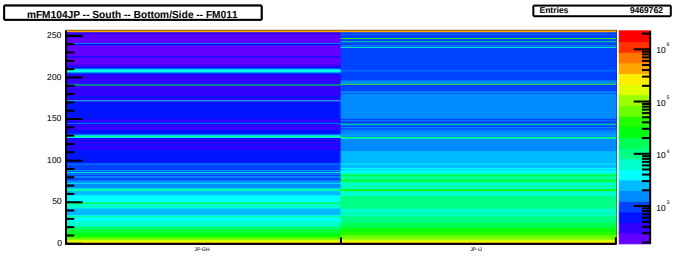
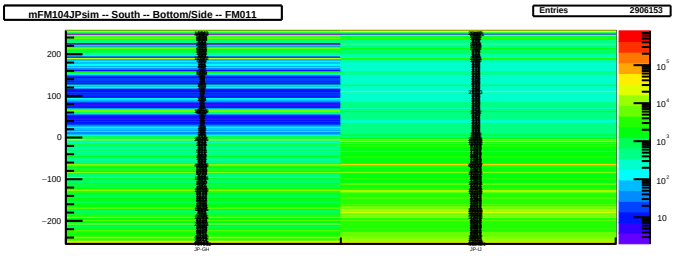
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 9469762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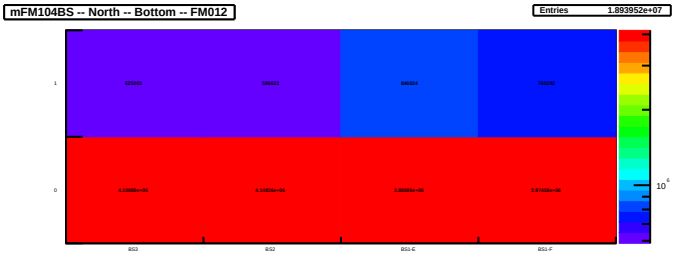
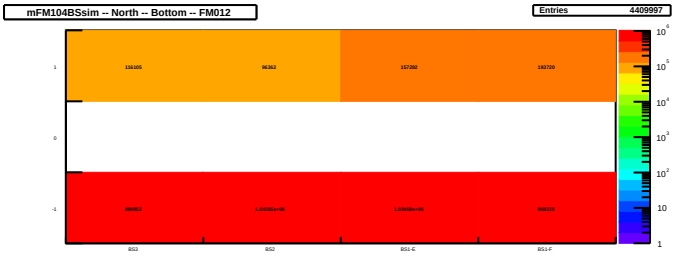
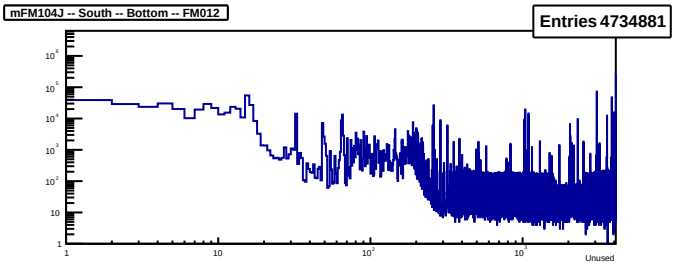
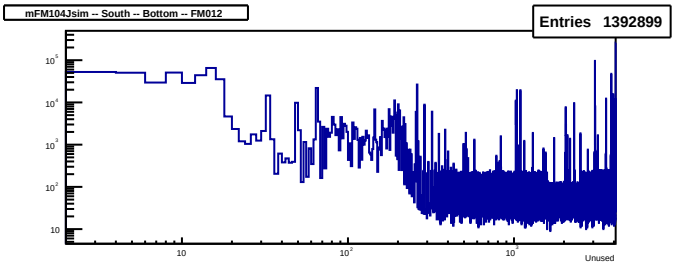
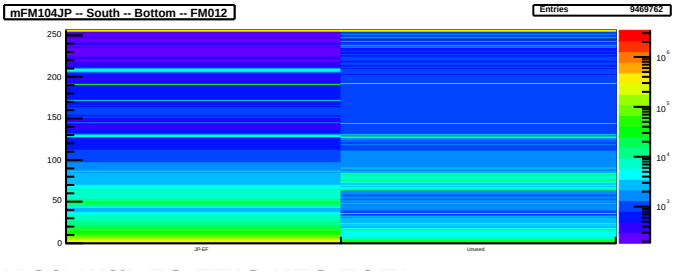
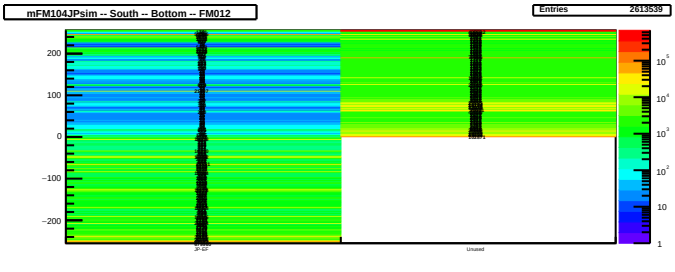

mFM104BS -- North -- Bottom -- FM012
Entries 1.893952e+07

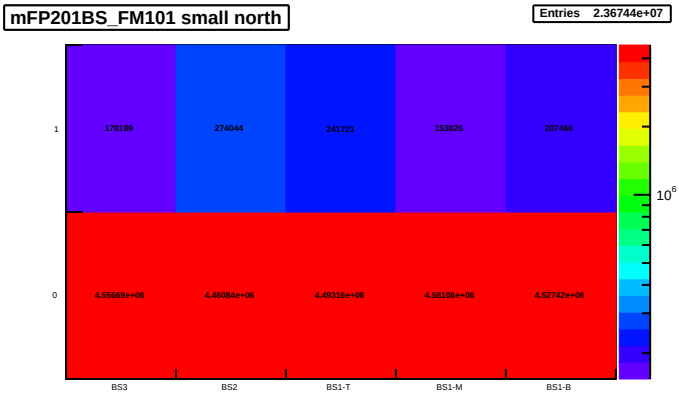

mFM104BSsim -- North -- Bottom -- FM012
Entries 4409997

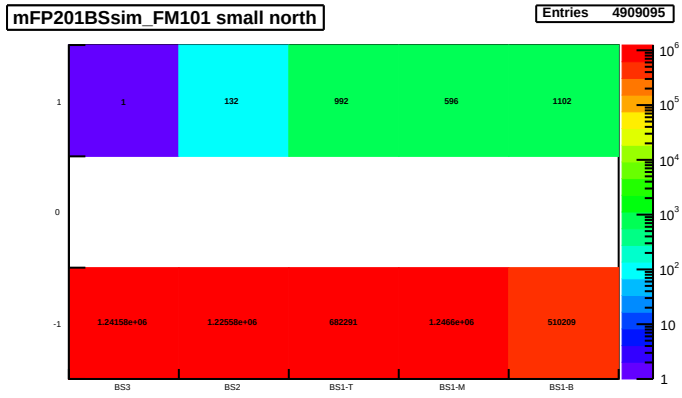

mFM104J -- South -- Bottom -- FM012
Entries 4734881
Unused

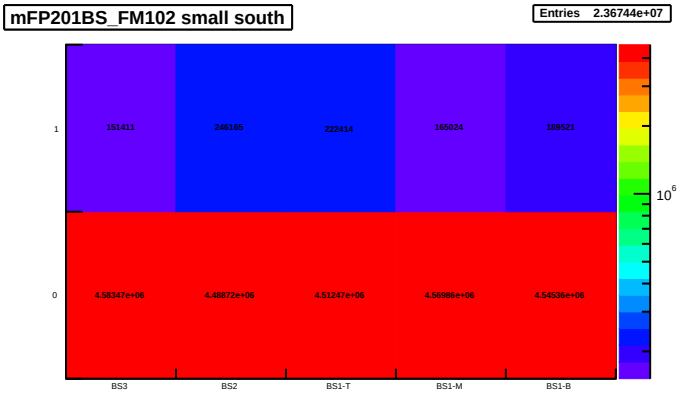

mFM104Jsim -- South -- Bottom -- FM012
Entries 1392899
Unused

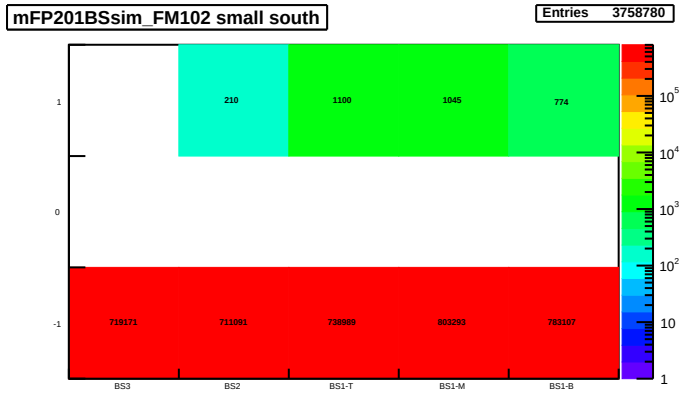

mFM104JP -- South -- Bottom -- FM012
Entries 9469762

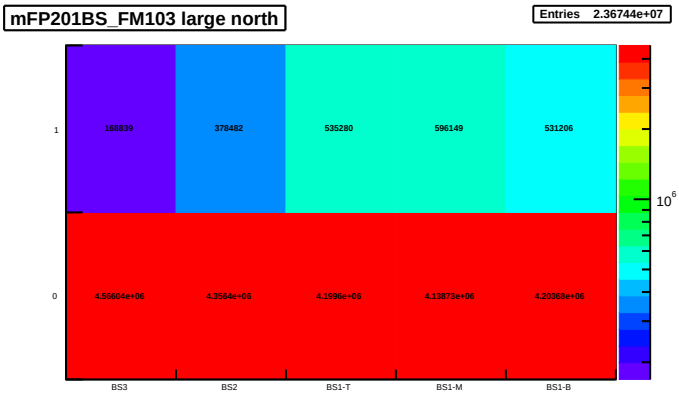

mFM104JPsim -- South -- Bottom -- FM012
Entries 2613539

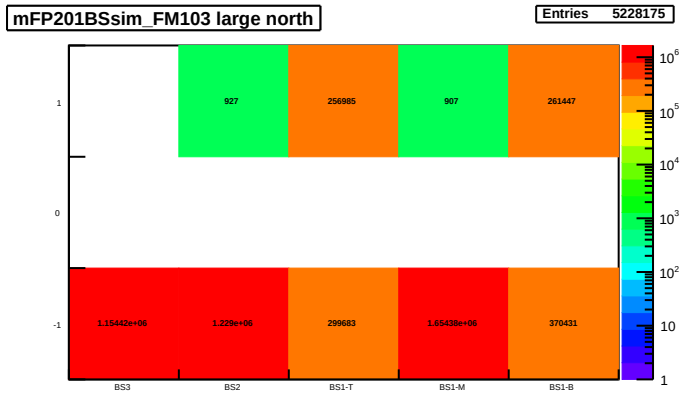

mFP201BS_FM101 small north
Entries 2.36744e+07
178189
274044
241721
153826
207468
4.55669e+06
4.46084e+06
4.49316e+06
4.58106e+06
4.52742e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

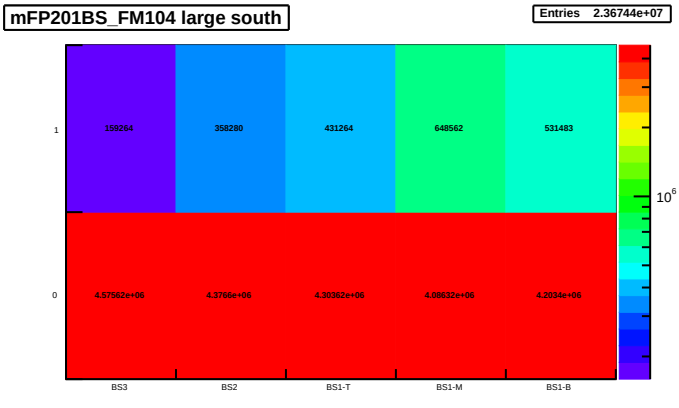

mFP201BSsim_FM101 small north
Entries 4909095
1
132
992
596
1102
1.24158e+06
1.22558e+06
682291
1.2466e+06
510209
BS3
BS2
BS1-T
BS1-M
BS1-B

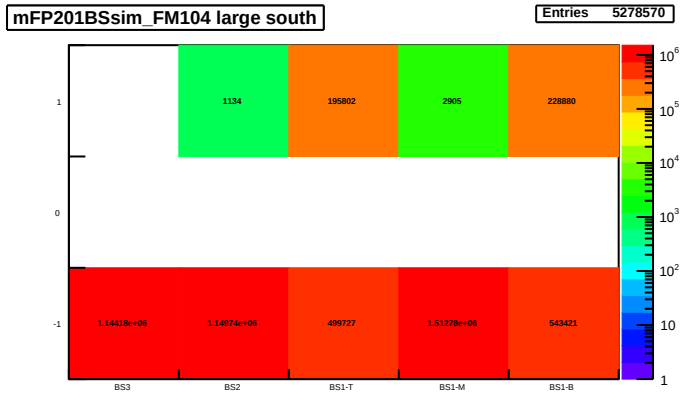

mFP201BS_FM102 small south
Entries 2.36744e+07
151411
246165
222414
165024
189521
4.58347e+06
4.48872e+06
4.51247e+06
4.56986e+06
4.54536e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

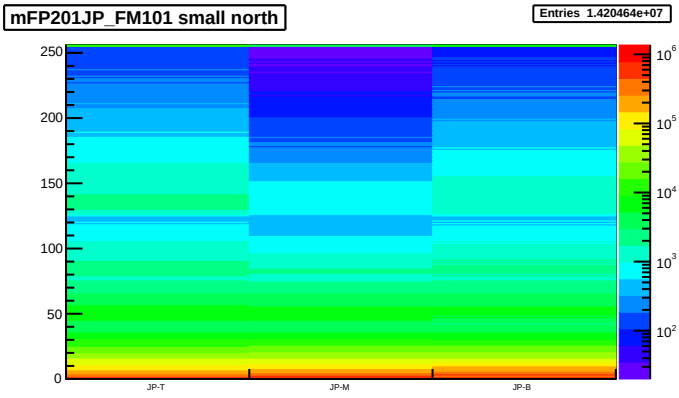

mFP201BSsim_FM102 small south
Entries 3758780
210
1100
1045
774
719171
711091
738989
803293
783107
BS3
BS2
BS1-T
BS1-M
BS1-B

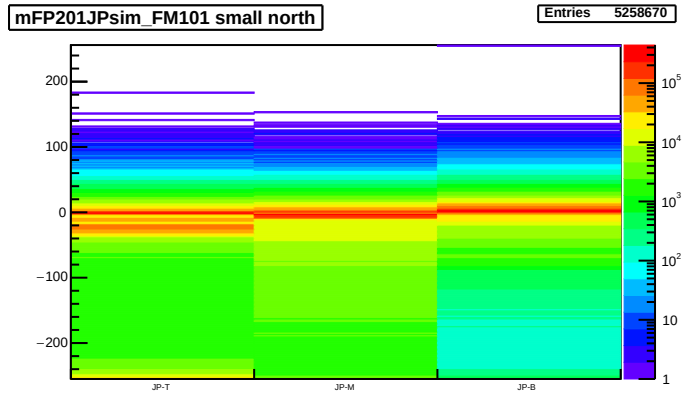

mFP201BS_FM103 large north
Entries 2.36744e+07
168839
378482
535280
596149
531206
4.56604e+06
4.3564e+06
4.1996e+06
4.13873e+06
4.20368e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

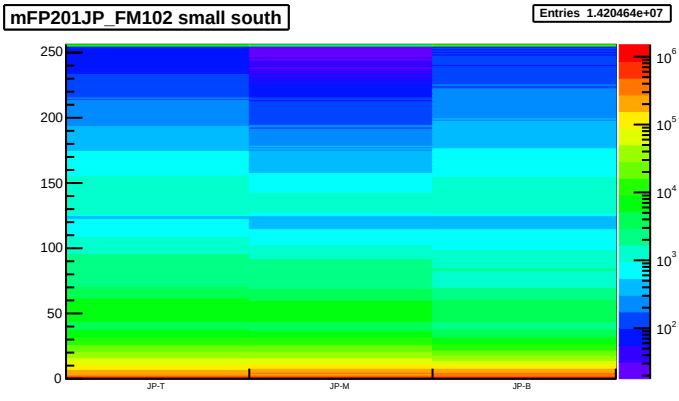

mFP201BSsim_FM103 large north
Entries 5228175
927
256985
907
261447
1.15442e+06
1.229e+06
299683
1.65438e+06
370431
BS3
BS2
BS1-T
BS1-M
BS1-B

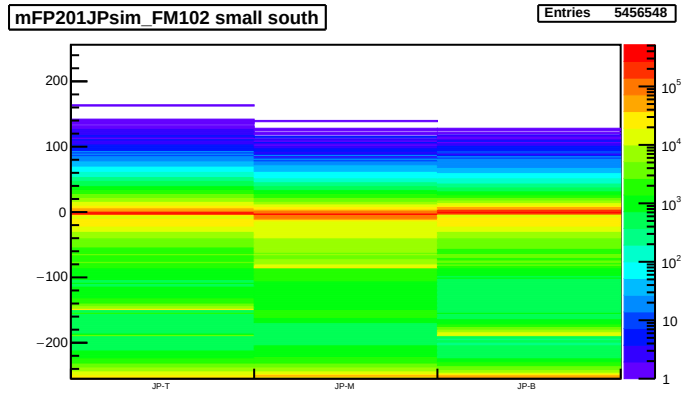

mFP201BS_FM104 large south
Entries 2.36744e+07
159264
358280
431264
648562
531483
4.57562e+06
4.3766e+06
4.30362e+06
4.08632e+06
4.2034e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

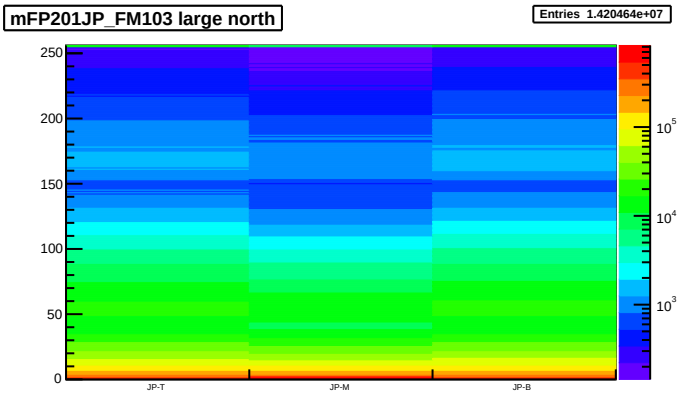

mFP201BSsim_FM104 large south
Entries 5278570
1134
195802
2905
228880
1.14418e+06
1.14974e+06
499727
1.51278e+06
543421
BS3
BS2
BS1-T
BS1-M
BS1-B

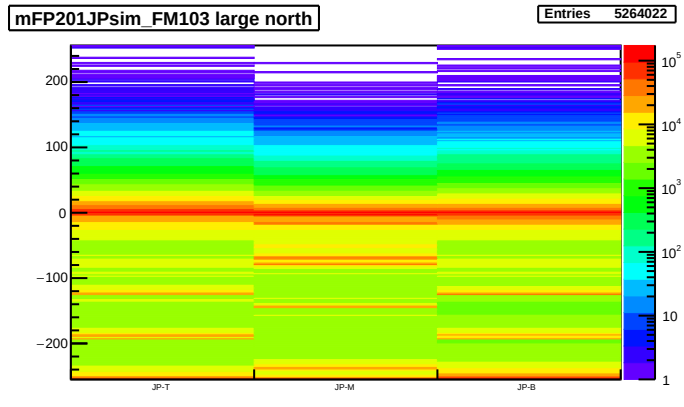

mFP201JP_FM101 small north
Entries 1.420464e+07
JP-T
JP-M
JP-B

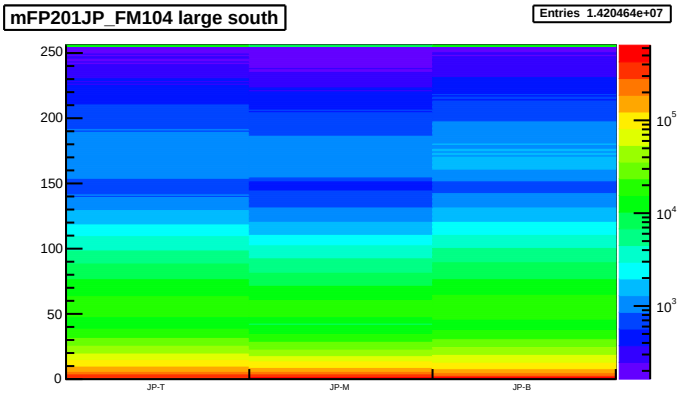

mFP201JPsim_FM101 small north
Entries 5258670
JP-T
JP-M
JP-B

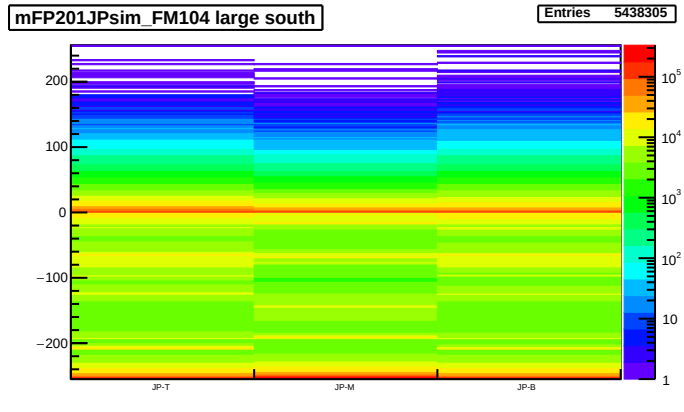

mFP201JP_FM102 small south
Entries 1.420464e+07
JP-T
JP-M
JP-B

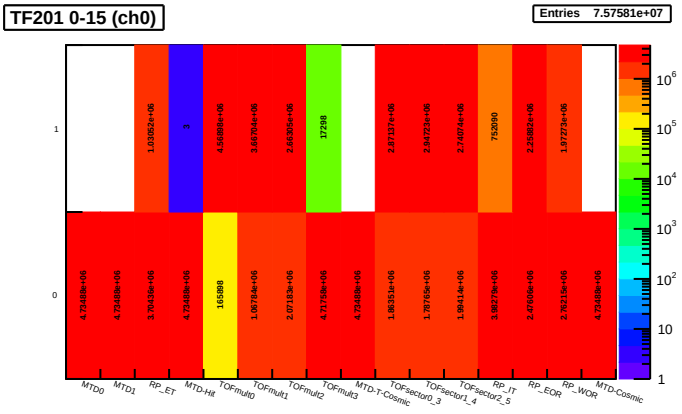

mFP201JPsim_FM102 small south
Entries 5456548
JP-T
JP-M
JP-B

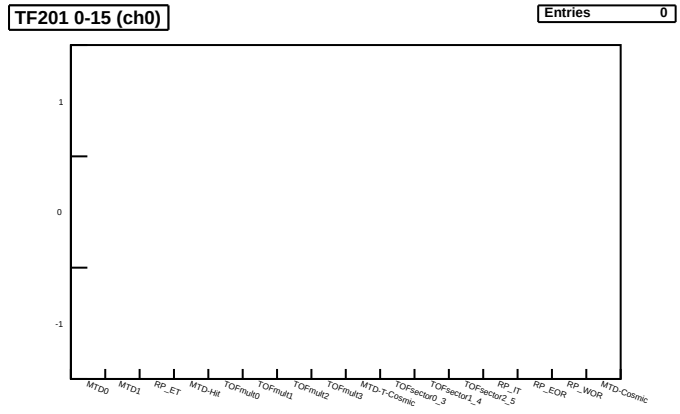

mFP201JP_FM103 large north
Entries 1.420464e+07
JP-T
JP-M
JP-B

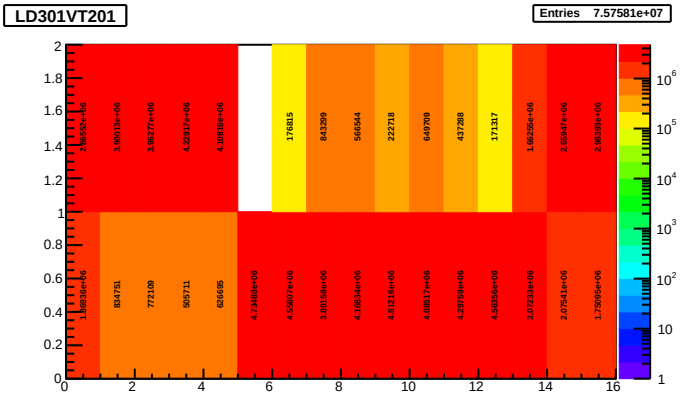

mFP201JPsim_FM103 large north
Entries 5264022
JP-T
JP-M
JP-B

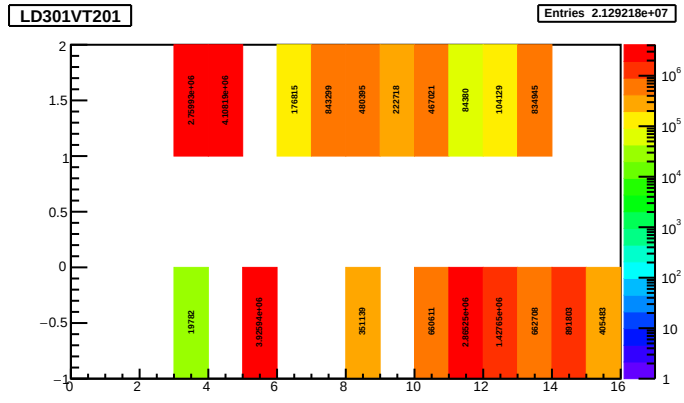

mFP201JP_FM104 large south
Entries 1.420464e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5438305
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.57581e+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 7.57581e+07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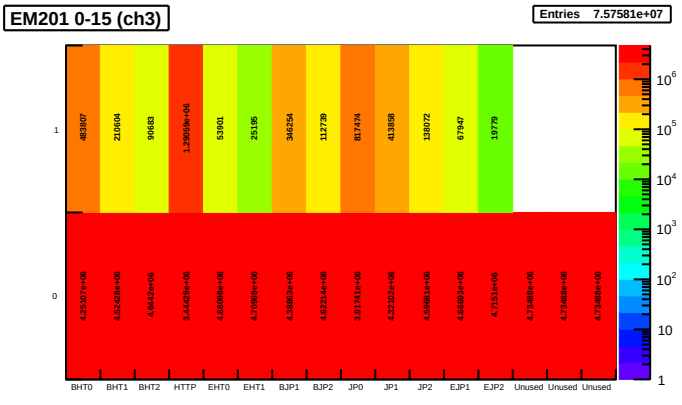
Entries 2.129218e+07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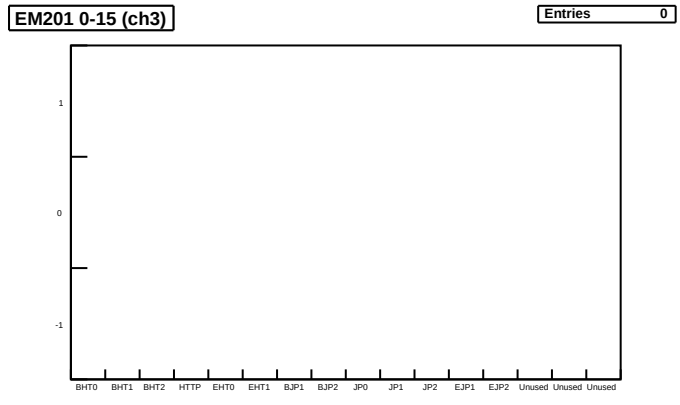
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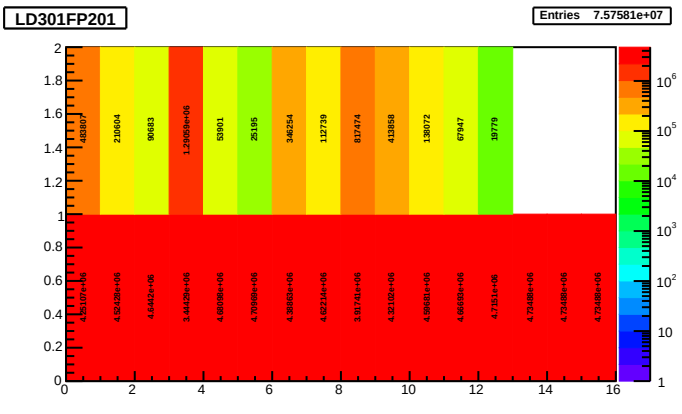
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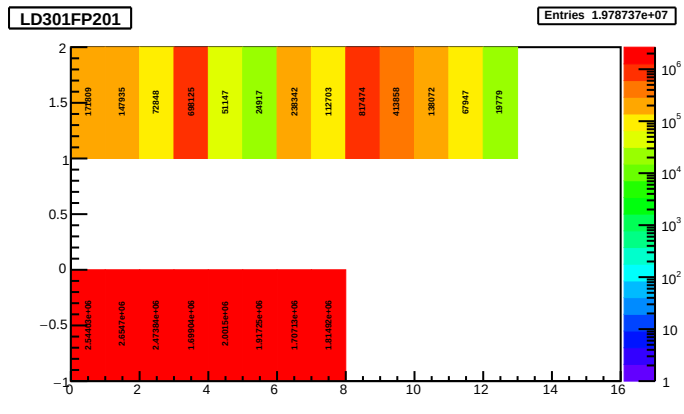
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