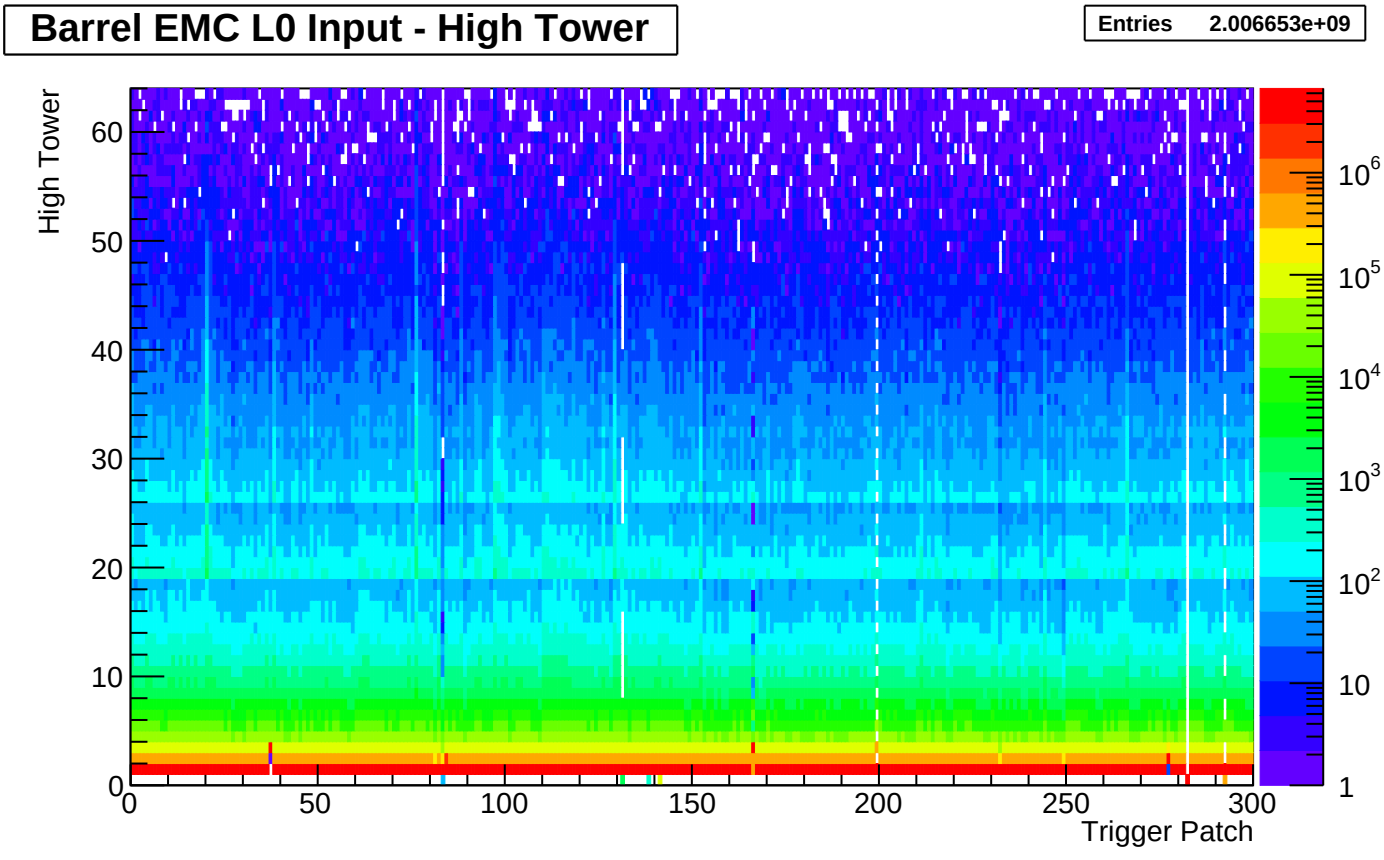
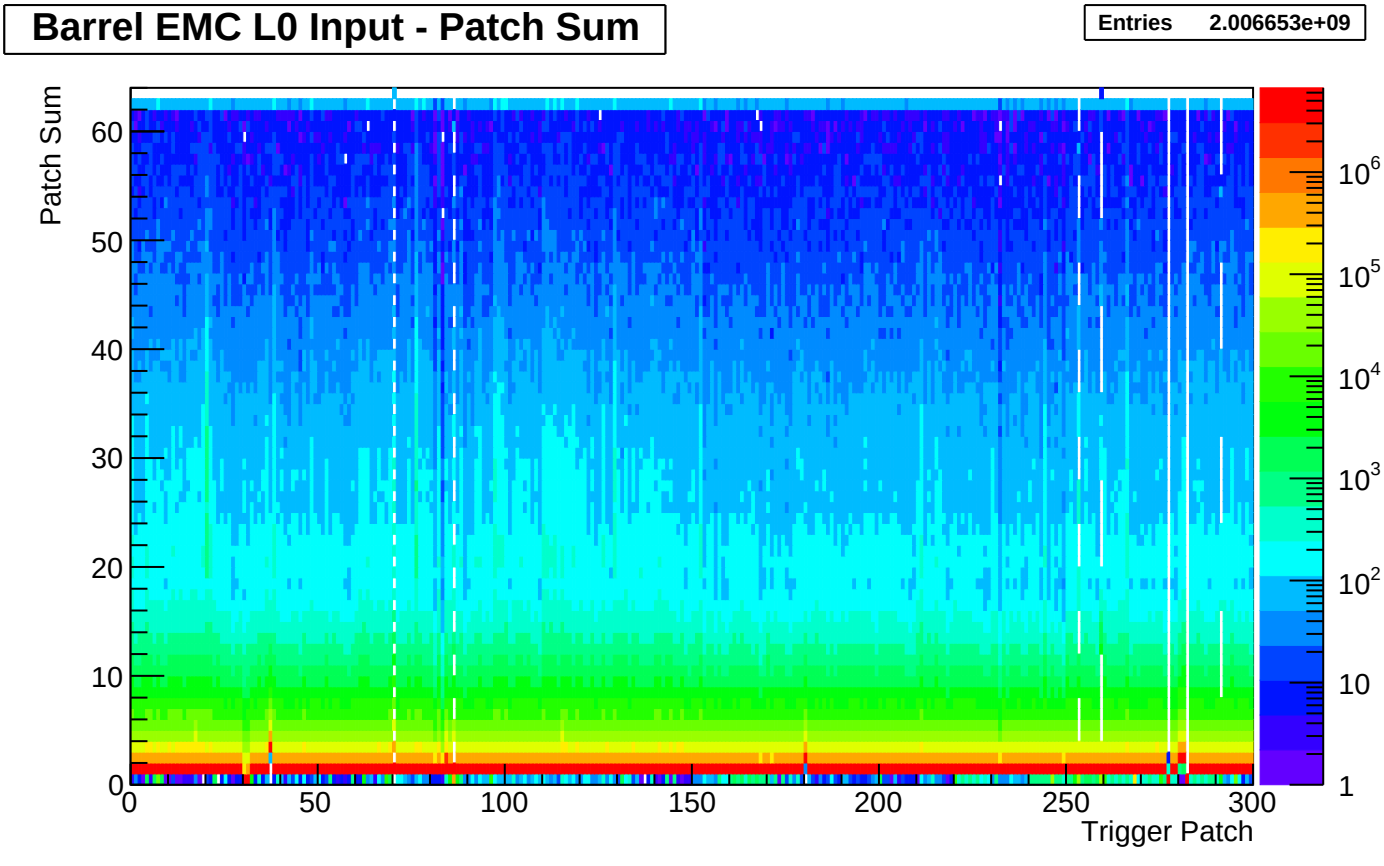
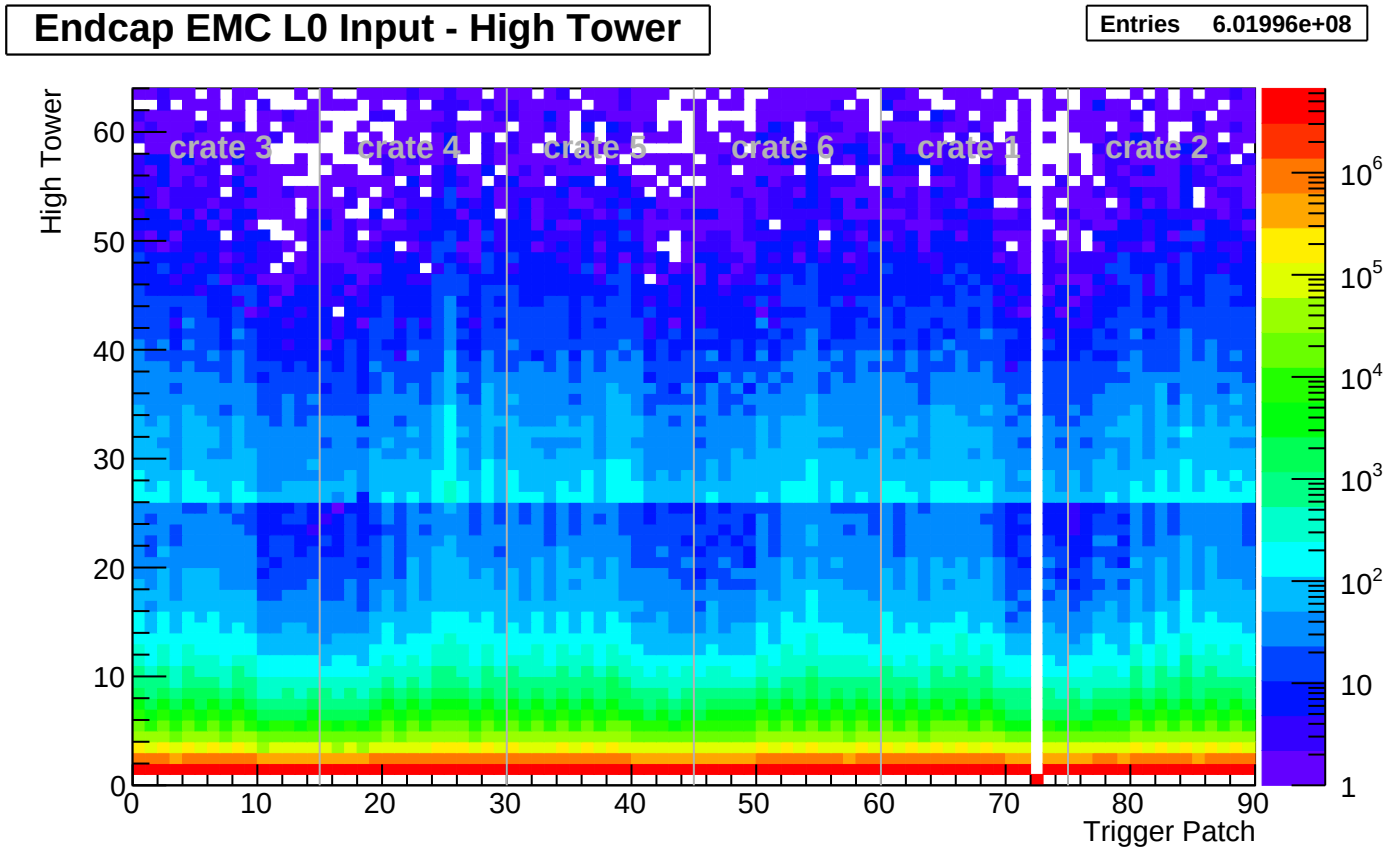
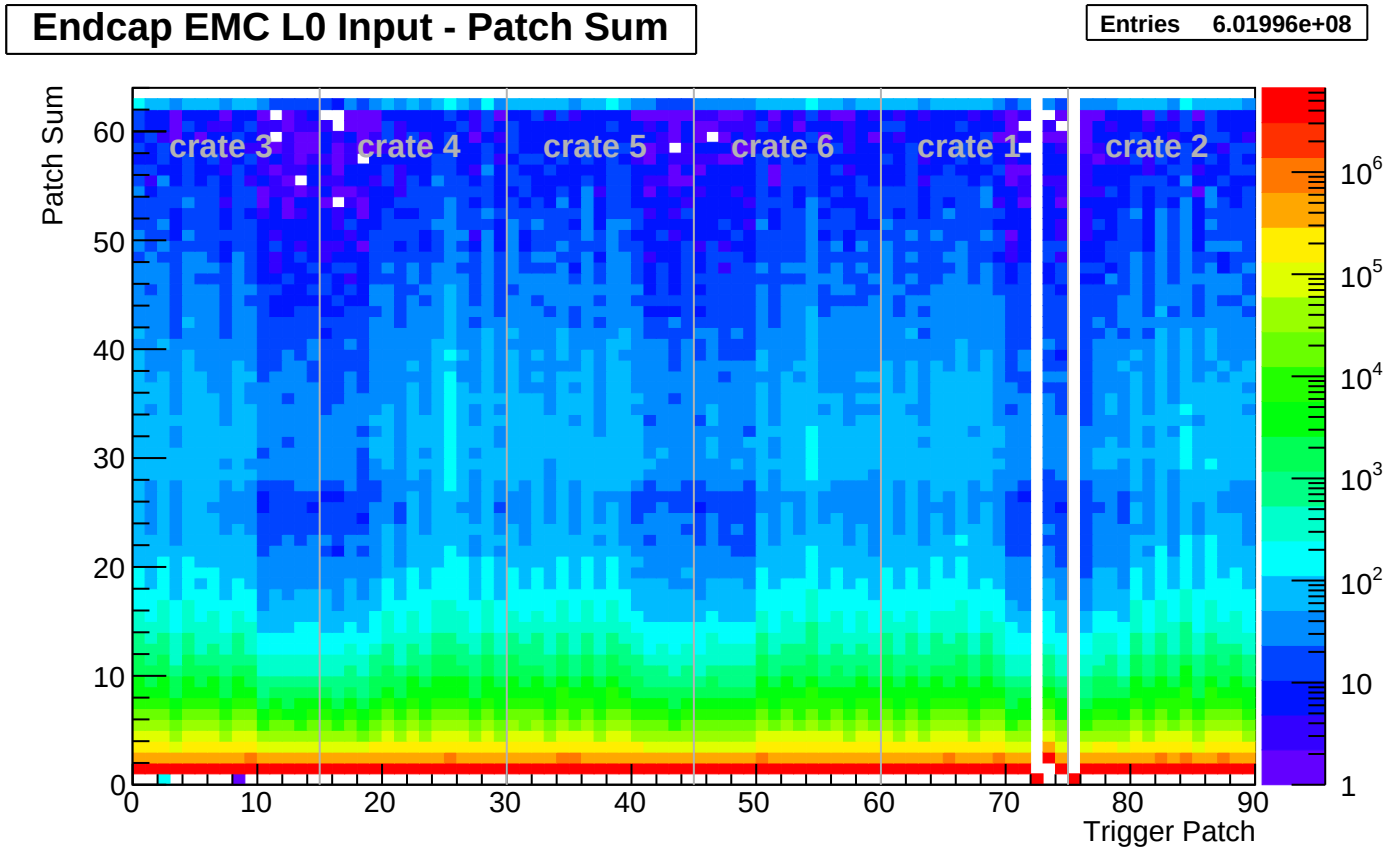
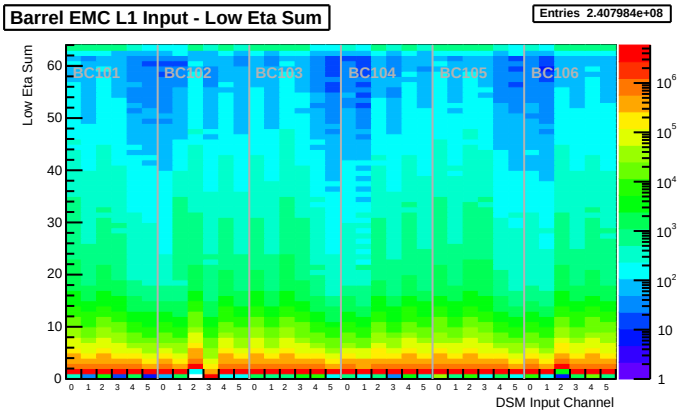
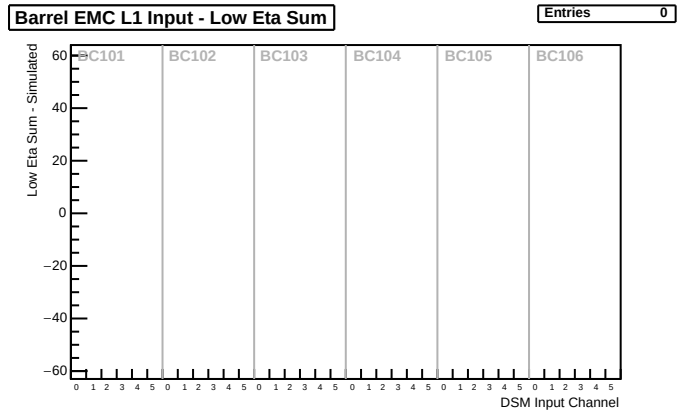

Barrel EMC L0 Input - High Tower
Entries 2.006653e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

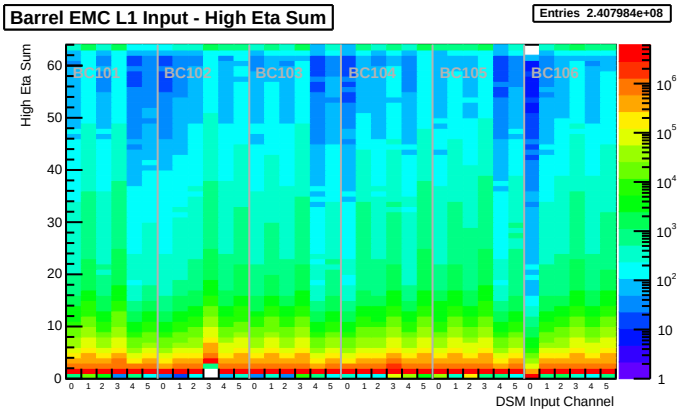

Barrel EMC L0 Input - Patch Sum
Entries 2.006653e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

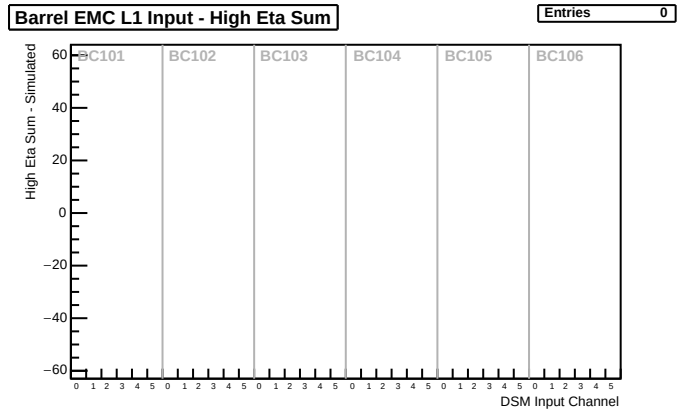

Endcap EMC L0 Input - High Tower
Entries 6.01996e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

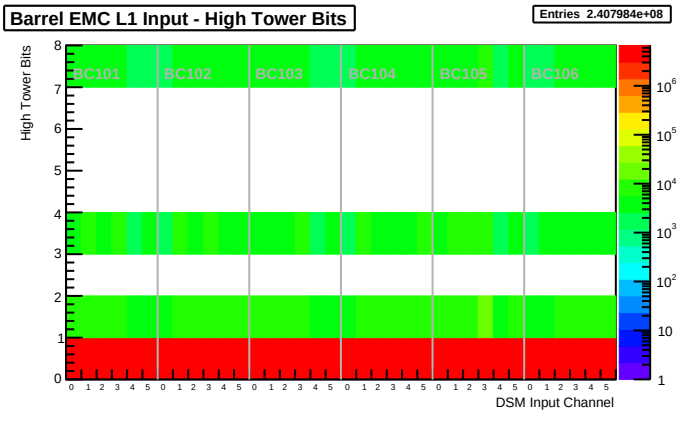

Endcap EMC L0 Input - Patch Sum
Entries 6.01996e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

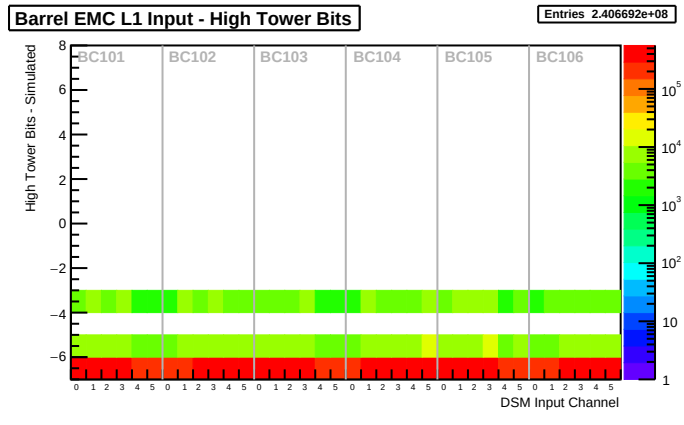

Barrel EMC L1 Input - Low Eta Sum
Entries 2.407984e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

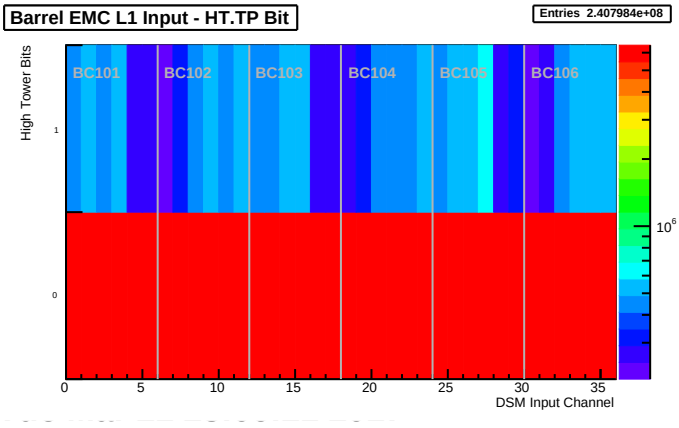

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

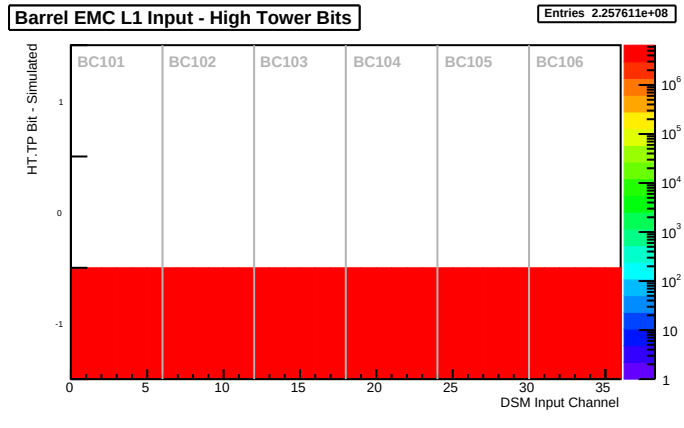

Barrel EMC L1 Input - High Eta Sum
Entries 2.407984e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

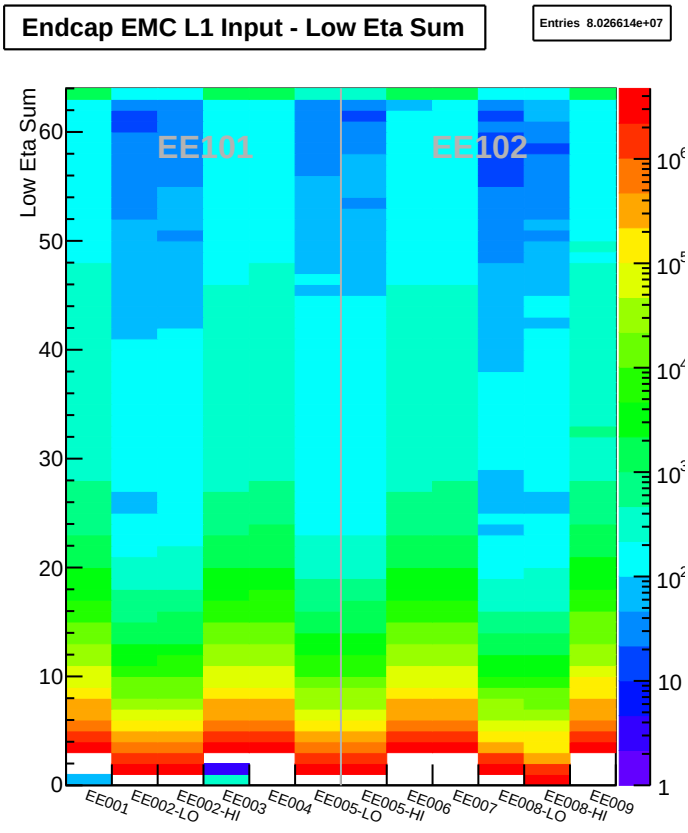

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

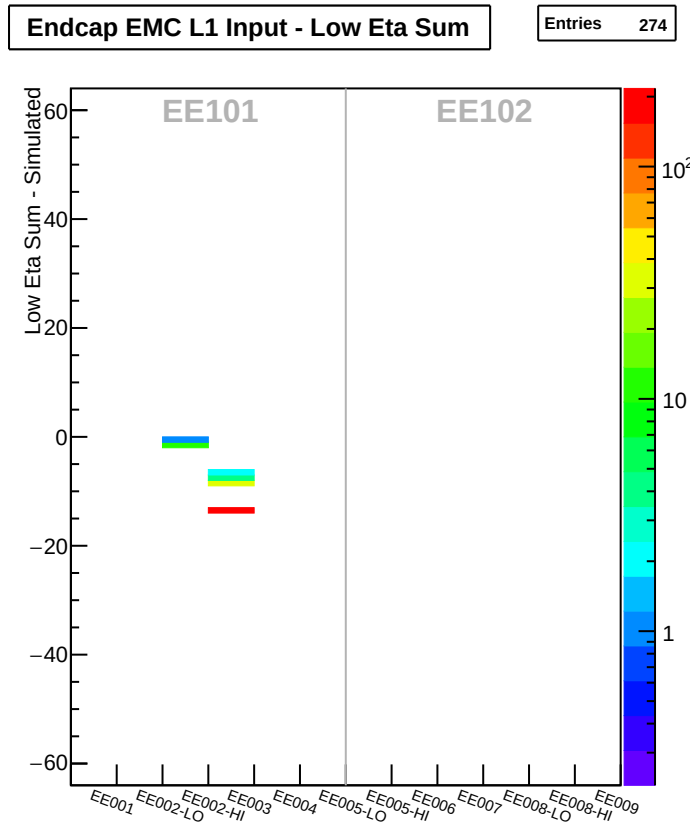

Barrel EMC L1 Input - High Tower Bits
Entries 2.407984e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

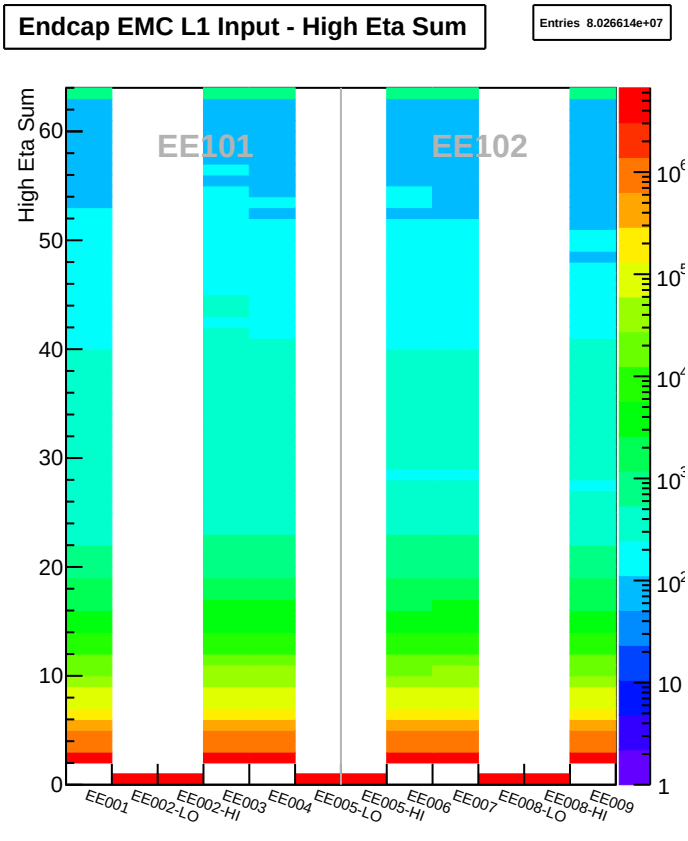

Barrel EMC L1 Input - High Tower Bits
Entries 2.406692e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

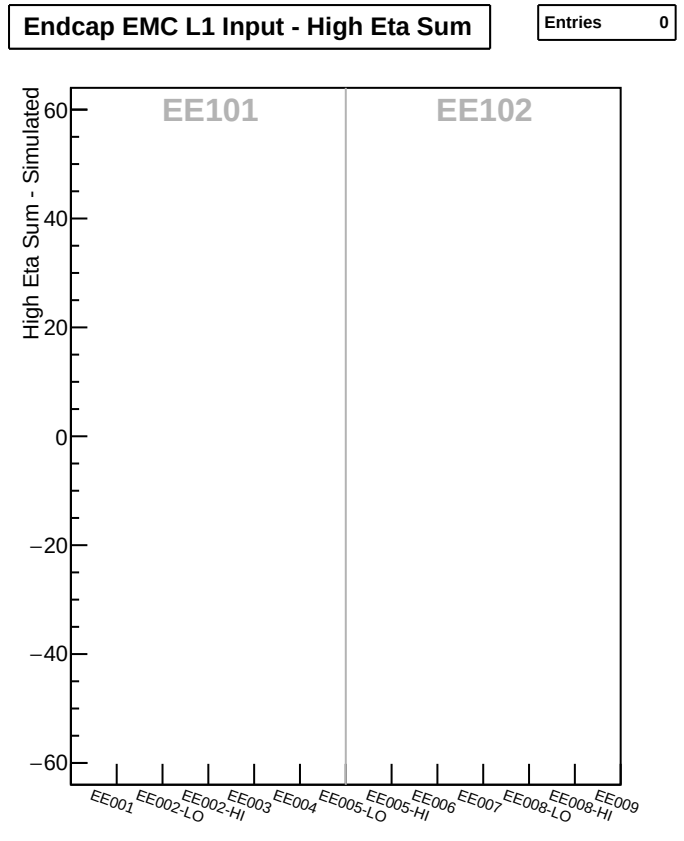

Barrel EMC L1 Input - HT.TP Bit
Entries 2.407984e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

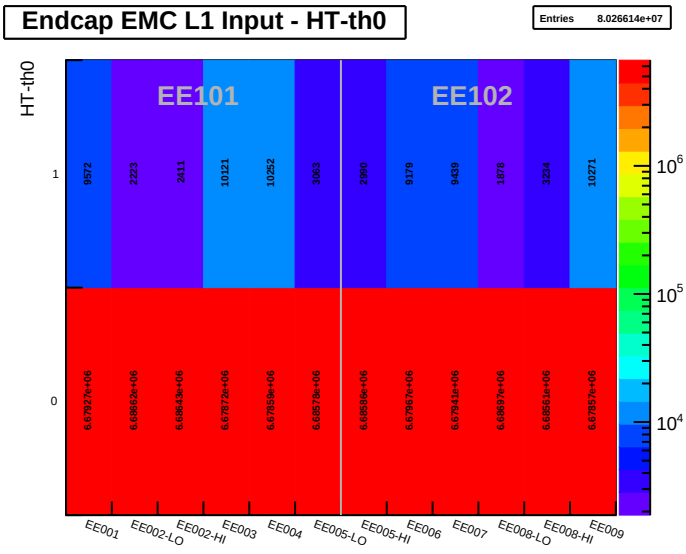

Barrel EMC L1 Input - High Tower Bits
Entries 2.257611e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

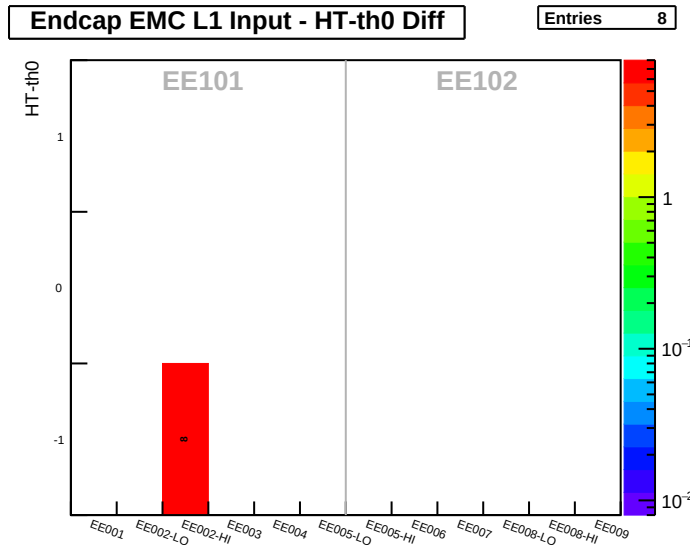

Endcap EMC L1 Input - Low Eta Sum
Entries 8.026614e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

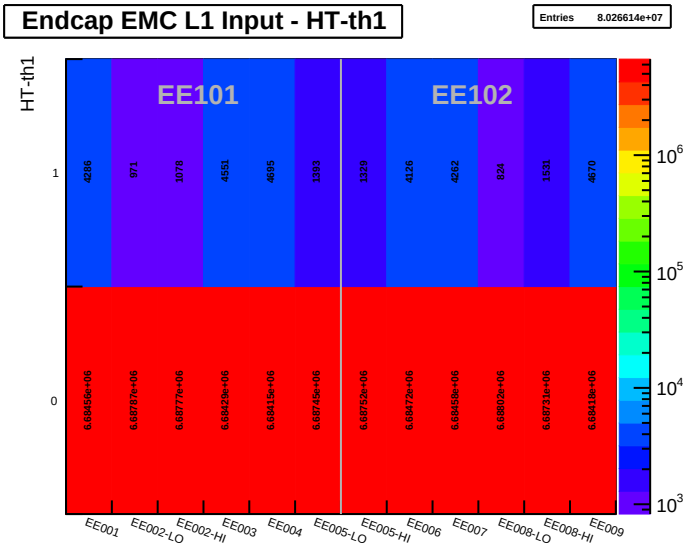

Endcap EMC L1 Input - Low Eta Sum
Entries 274
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

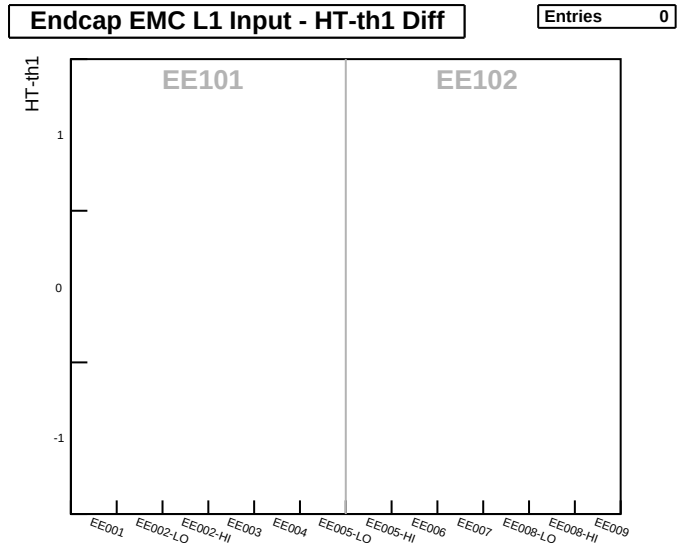

Endcap EMC L1 Input - High Eta Sum
Entries 8.026614e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

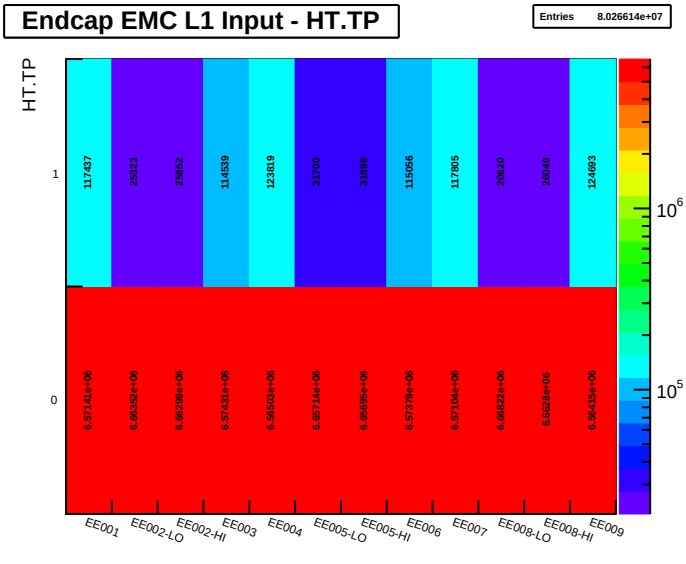

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

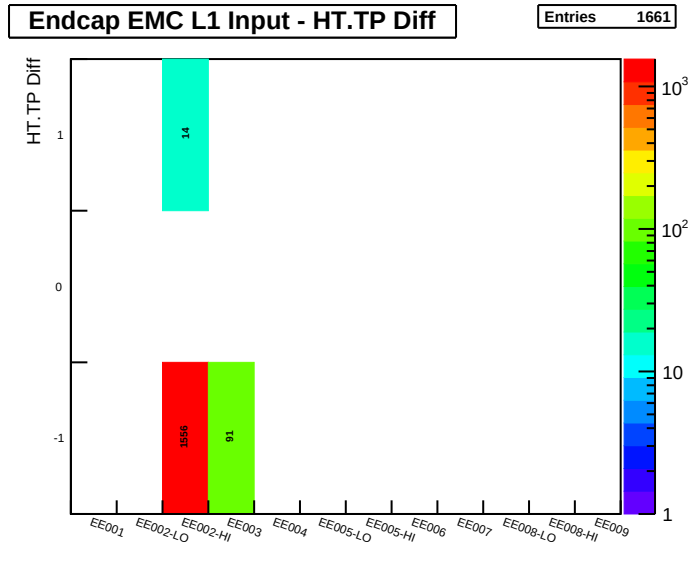

Endcap EMC L1 Input - HT-th0
Entries 8.026614e+07
HT-th0
EE101
EE102
1
0
9572
2223
2411
10121
10252
3063
2360
9179
9439
1378
3234
10271
6.67927e+06
6.68662e+06
6.68643e+06
6.67872e+06
6.67859e+06
6.68578e+06
6.68586e+06
6.67967e+06
6.67941e+06
6.68097e+06
6.68561e+06
6.67857e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

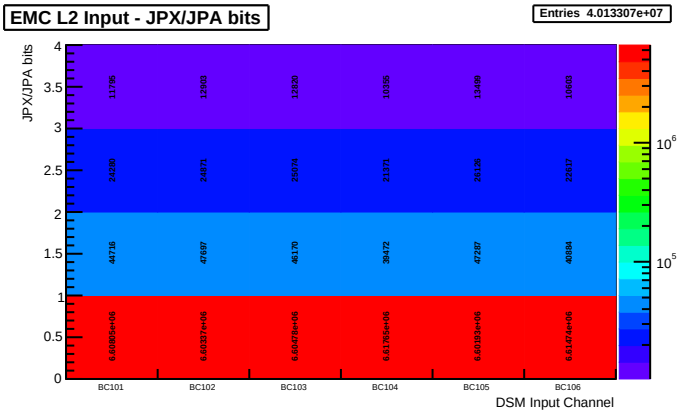

Endcap EMC L1 Input - HT-th0 Diff
Entries 8
HT-th0
EE101
EE102
1
0
-1
8
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
1

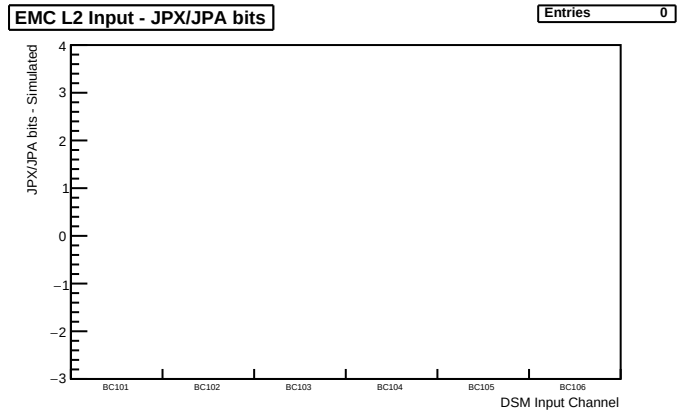

Endcap EMC L1 Input - HT-th1
Entries 8.026614e+07
HT-th1
EE101
EE102
1
0
4286
971
1078
4551
4695
1393
1329
4126
4262
824
1531
4670
6.68456e+06
6.68797e+06
6.68777e+06
6.68429e+06
6.68415e+06
6.68745e+06
6.68752e+06
6.68472e+06
6.68458e+06
6.68802e+06
6.68731e+06
6.68418e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

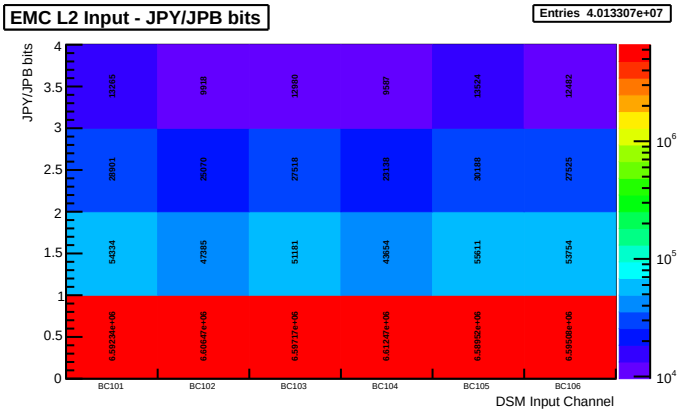

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

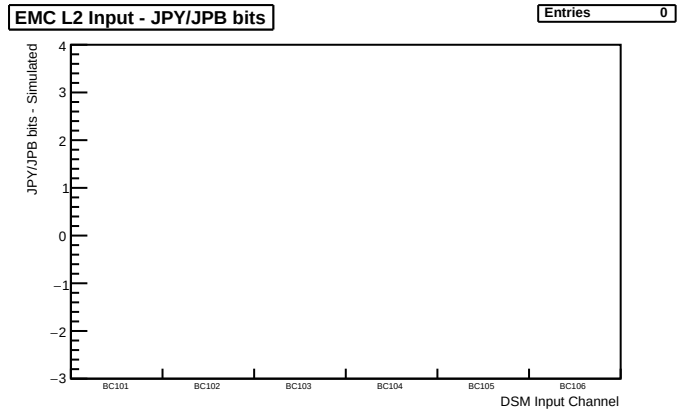

Endcap EMC L1 Input - HT.TP
Entries 8.026614e+07
HT.TP
1
0
117437
25323
29852
114539
123819
31700
31938
115056
117805
20620
26049
124693
6.57141e+06
6.66352e+06
6.66290e+06
6.57431e+06
6.56508e+06
6.65714e+06
6.65695e+06
6.57378e+06
6.57104e+06
6.66822e+06
6.6628e+06
6.56415e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5

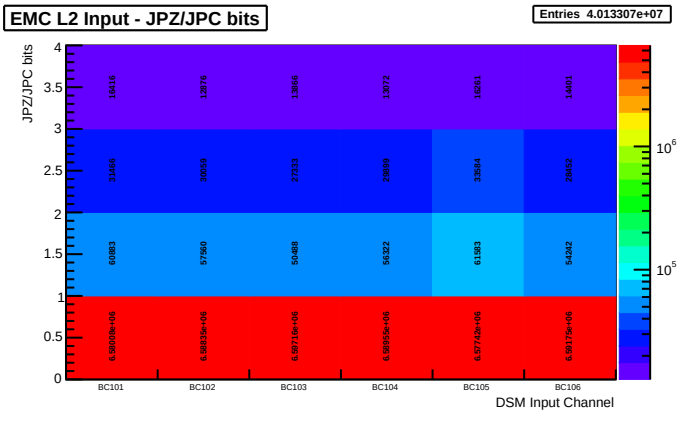

Endcap EMC L1 Input - HT.TP Diff
Entries 1661
HT.TP Diff
1
0
-1
14
1556
91
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^3
10^2
10
1

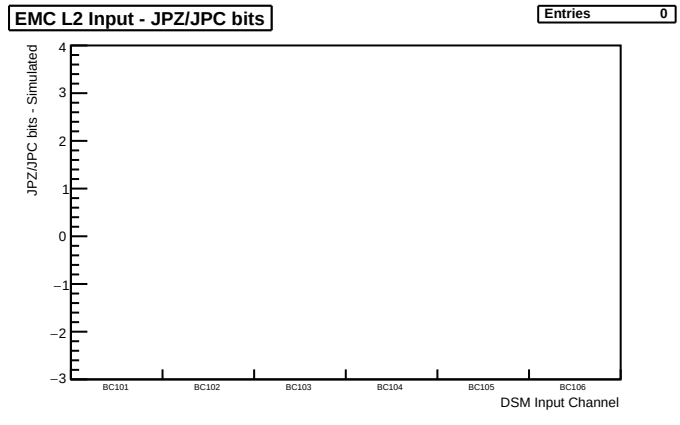

EMC L2 Input - JPX/JPA bits
Entries 4.013307e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

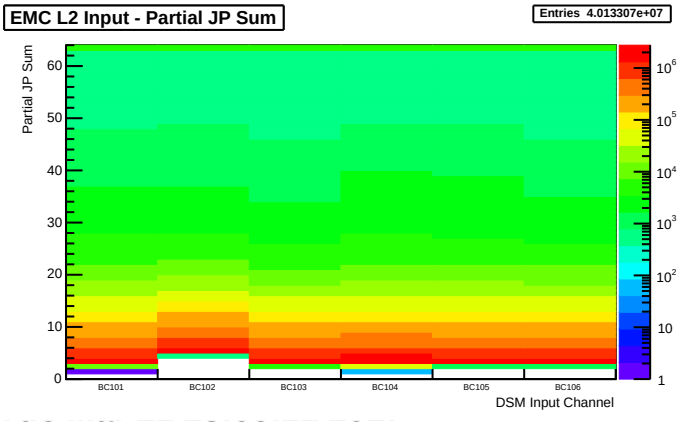

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

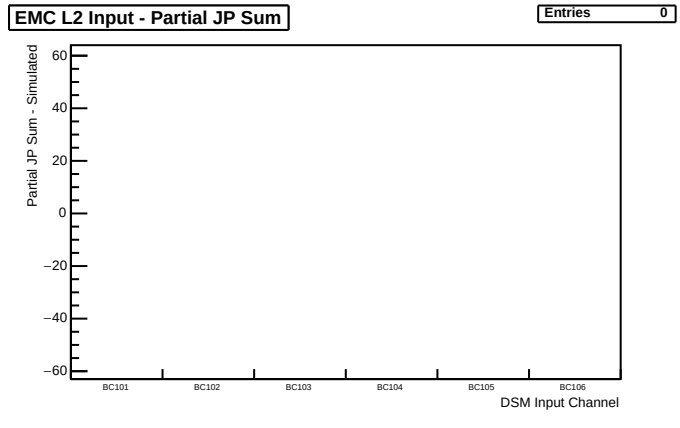

EMC L2 Input - JPY/JPB bits
Entries 4.013307e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

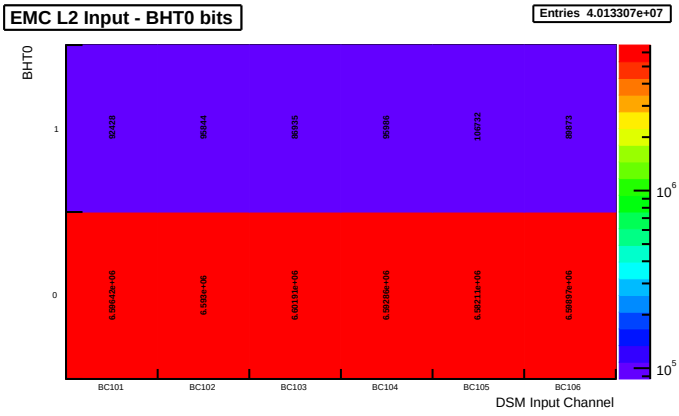

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

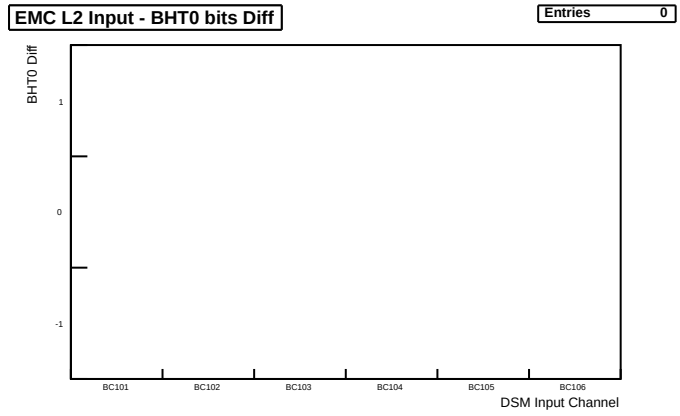

EMC L2 Input - JPZ/JPC bits
Entries 4.013307e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

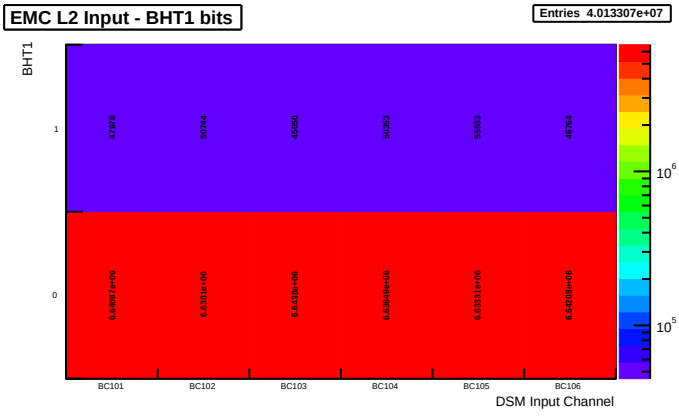

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

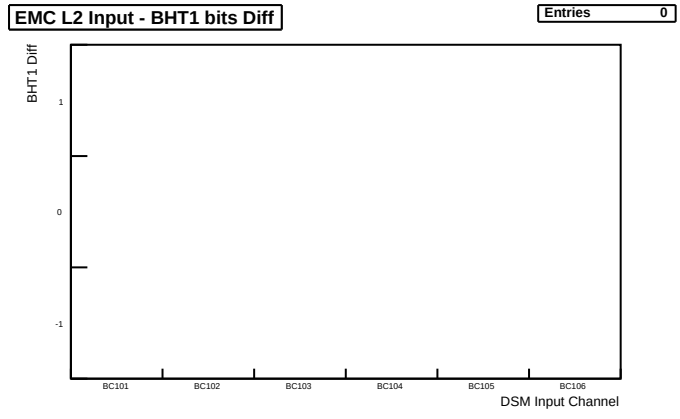

EMC L2 Input - Partial JP Sum
Entries 4.013307e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

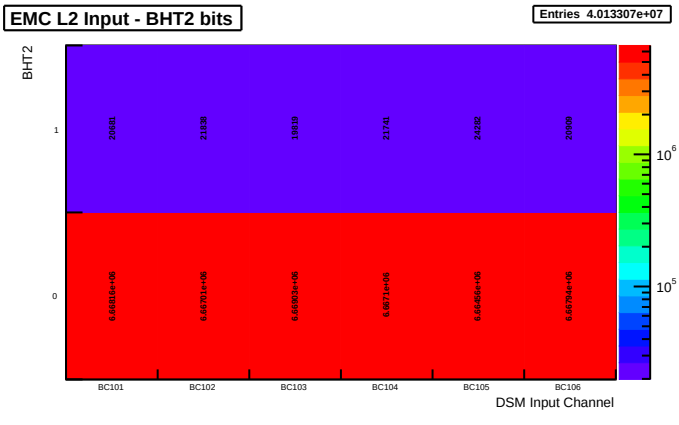

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

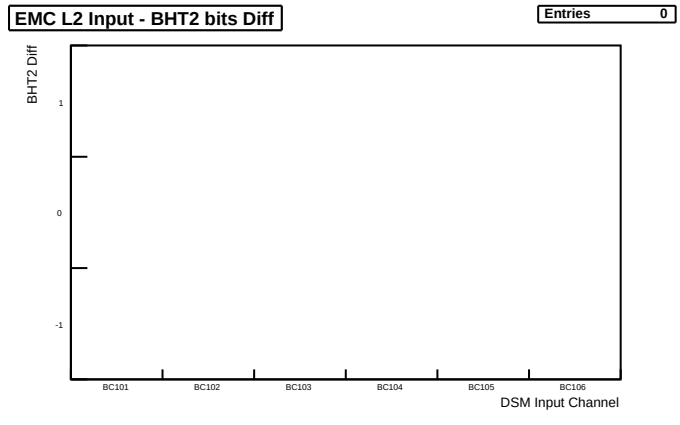

EMC L2 Input - BHT0 bits
Entries 4.013307e+07
BHT0
1
0
92428
95844
96935
95986
100732
89873
6.59442e+06
6.599e+06
6.6019e+06
6.5928e+06
6.5921e+06
6.5897e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

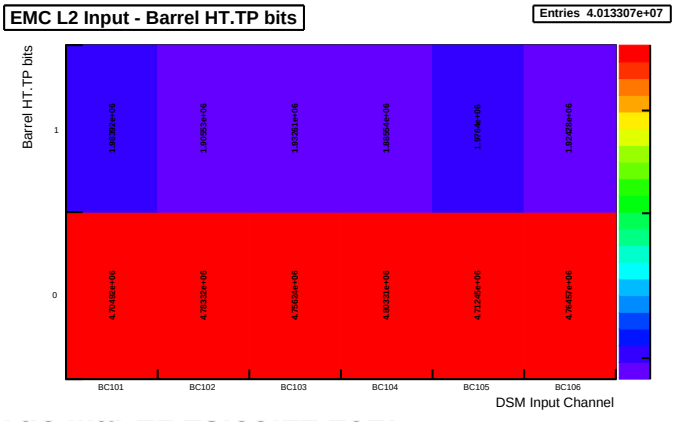

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

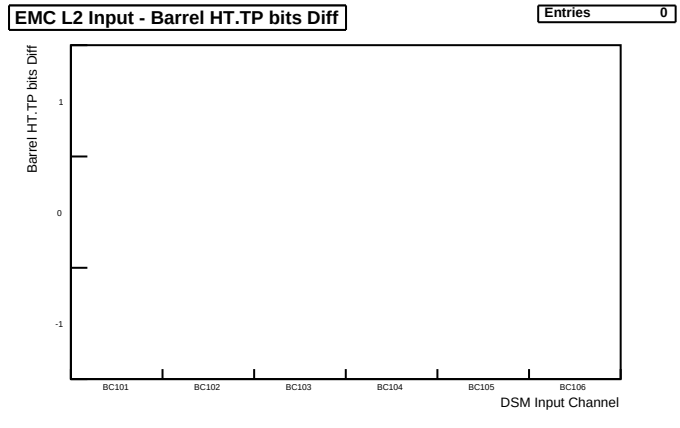

EMC L2 Input - BHT1 bits
Entries 4.013307e+07
BHT1
1
0
47978
50744
45660
50353
55833
46764
6.64087e+06
6.6381e+06
6.6438e+06
6.63849e+06
6.63331e+06
6.64208e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

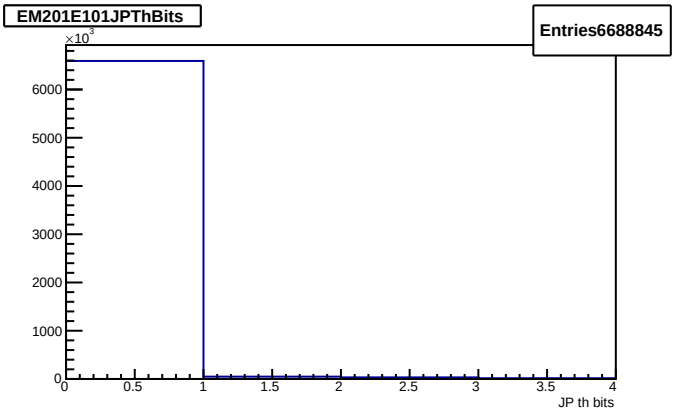

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

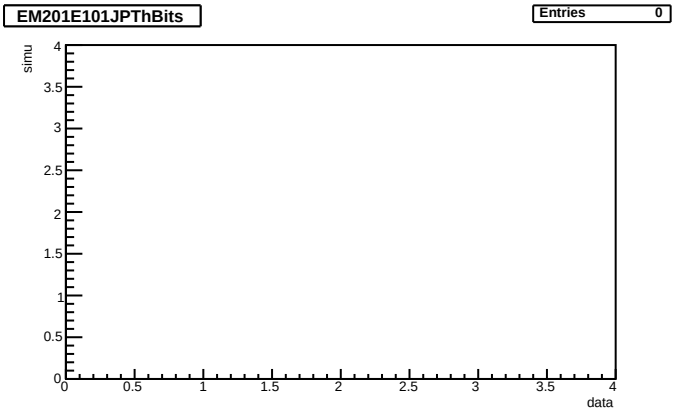

EMC L2 Input - BHT2 bits
Entries 4.013307e+07
BHT2
1
0
20681
21533
19919
21741
24282
20909
6.64816e+06
6.66701e+06
6.65903e+06
6.6671e+06
6.66456e+06
6.66784e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

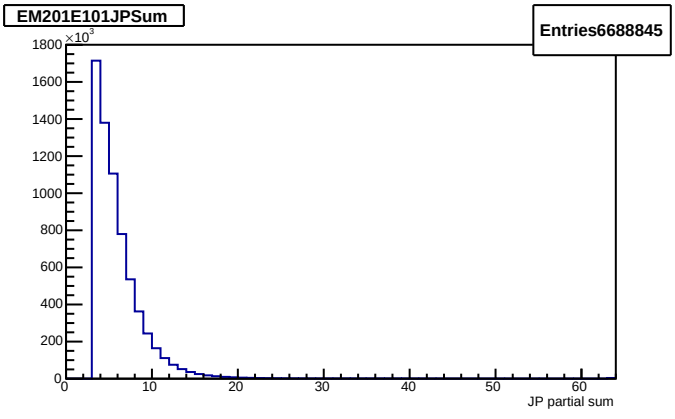

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

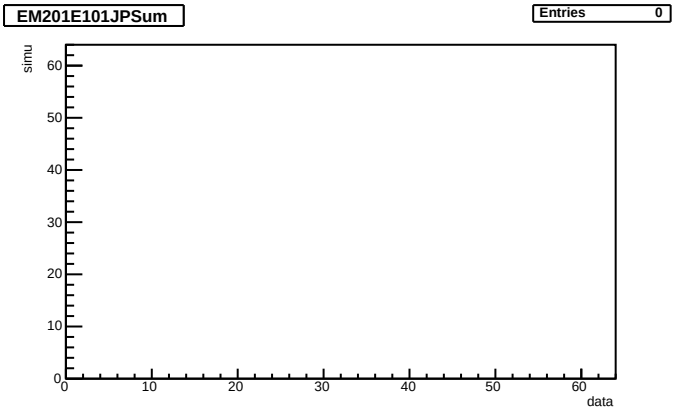

EMC L2 Input - Barrel HT.TP bits
Entries 4.013307e+07
Barrel HT.TP bits
1
0
1.93862e+06
1.90553e+06
1.93651e+06
1.8855e+06
1.97064e+06
1.92428e+06
4.70482e+06
4.78332e+06
4.75626e+06
4.80331e+06
4.71245e+06
4.78457e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

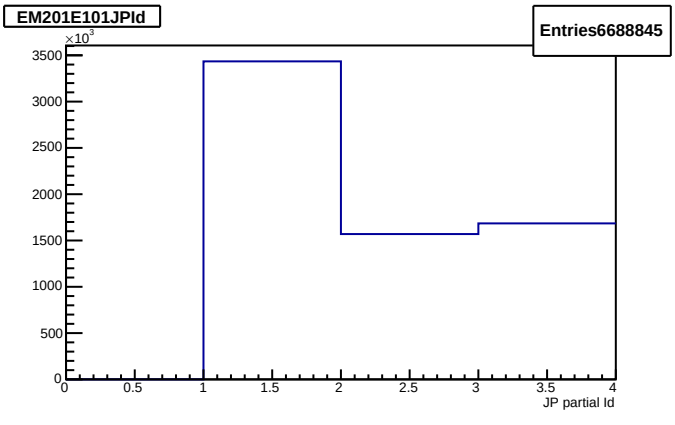

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

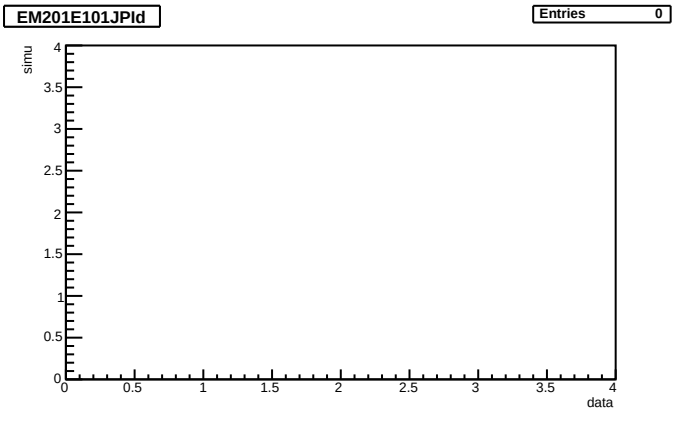

EM201E101JPThBits
Entries6688845
×10^3
JP th bits

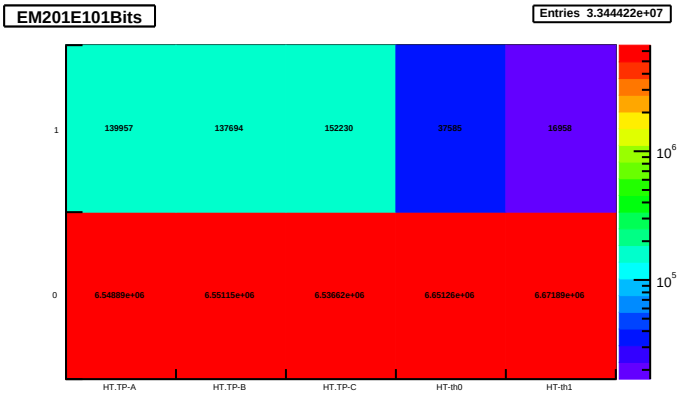

EM201E101JPThBits
Entries 0
simu
data

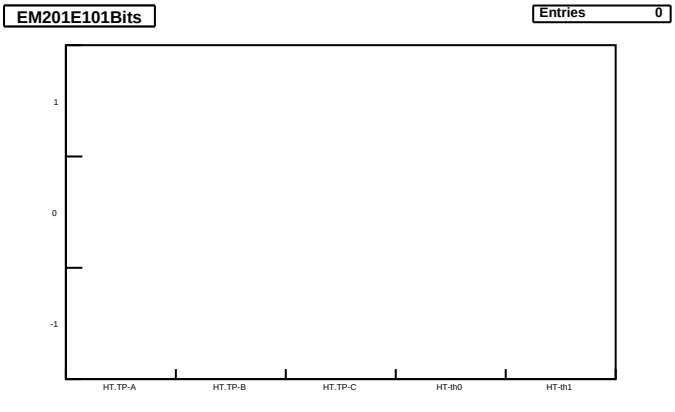

EM201E101JPSum
Entries6688845
×10^3
JP partial sum

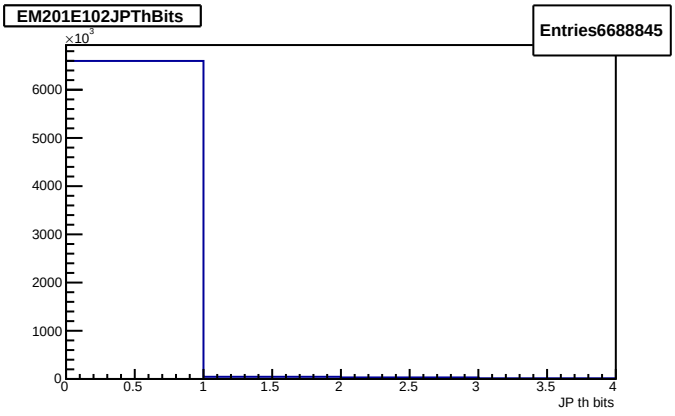

EM201E101JPSum
Entries 0
simu
data

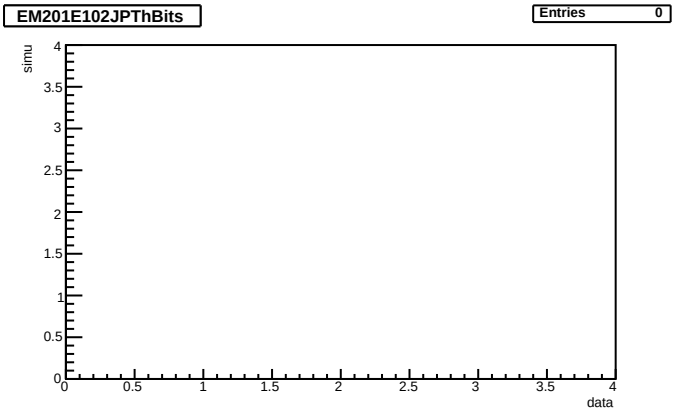

EM201E101JPId
Entries6688845
×10^3
JP partial Id

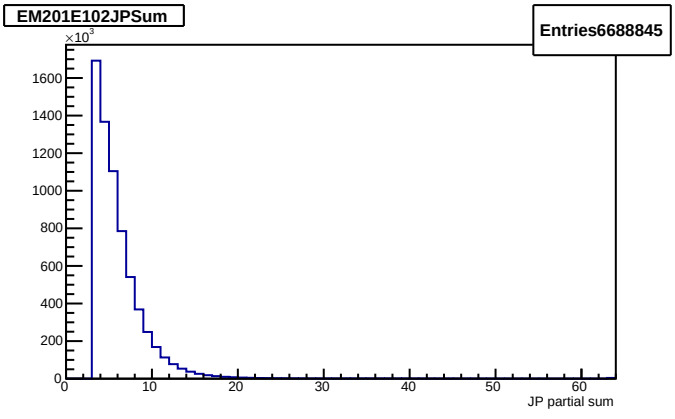

EM201E101JPId
Entries 0
simu
data

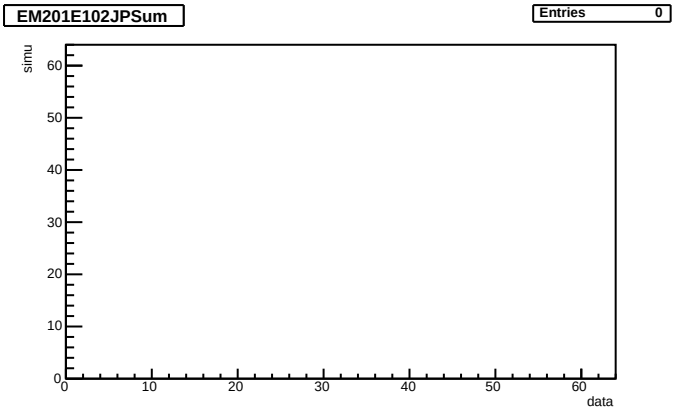

EM201E101Bits
Entries 3.344422e+07
139957
137694
152230
37585
16958
6.54889e+06
6.55115e+06
6.53662e+06
6.65126e+06
6.67189e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

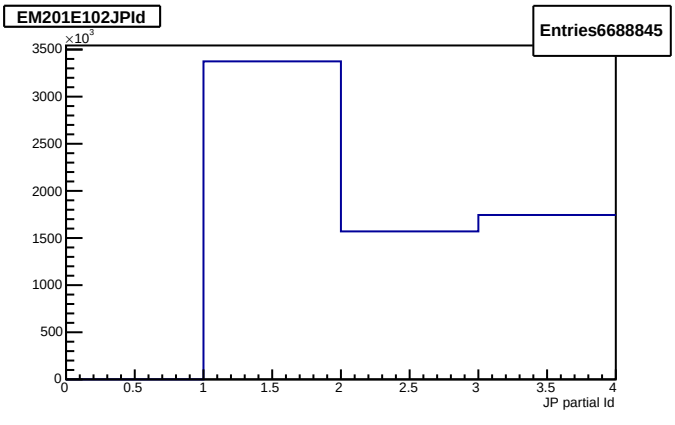

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

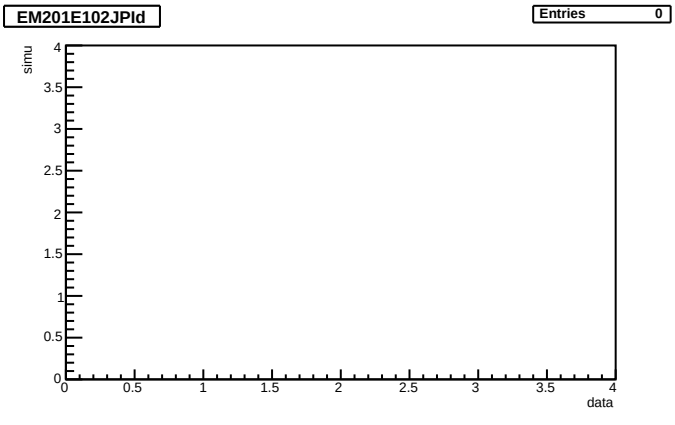

EM201E102JPThBits
Entries6688845
×10^3
JP th bits

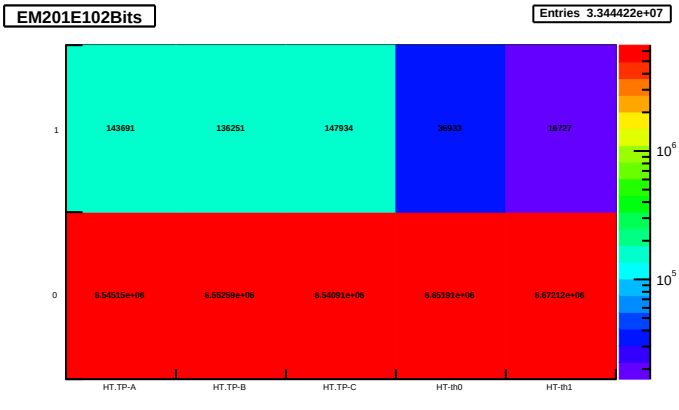

EM201E102JPThBits
Entries 0
simu
data

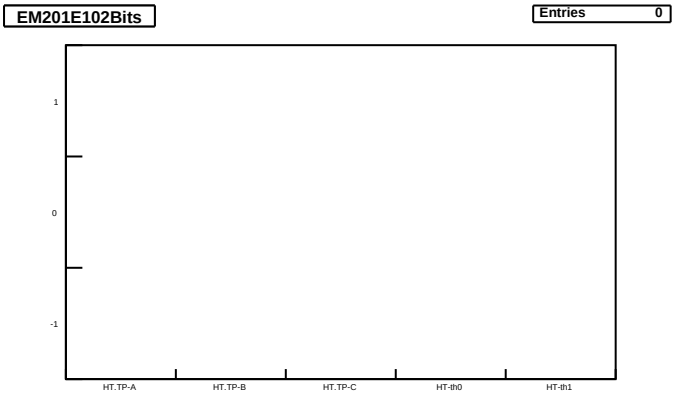

EM201E102JPSum
Entries6688845
×10^3
JP partial sum

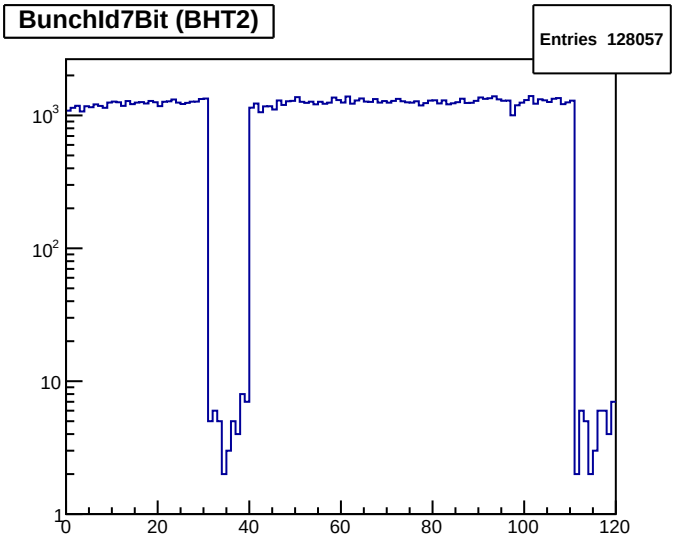

EM201E102JPSum
Entries 0
simu
data

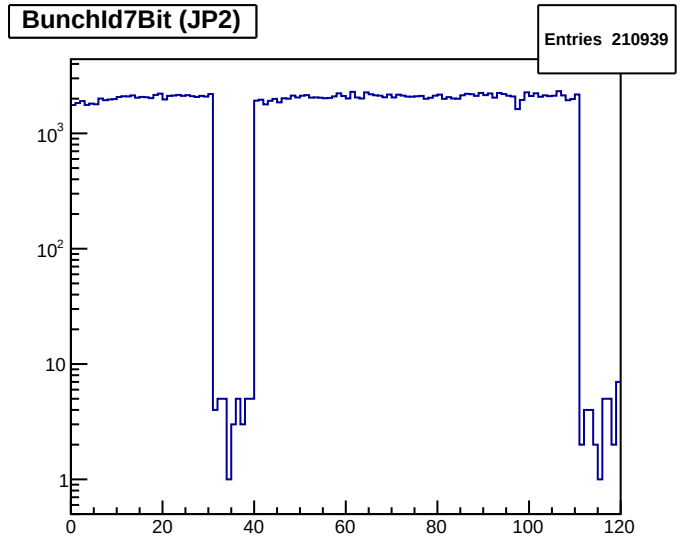

EM201E102JPId
Entries6688845
×10^3
JP partial Id

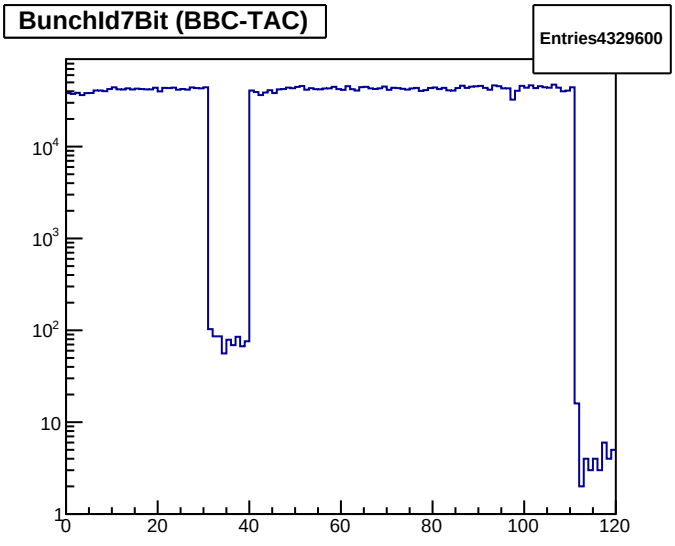

EM201E102JPId
Entries 0
simu
data

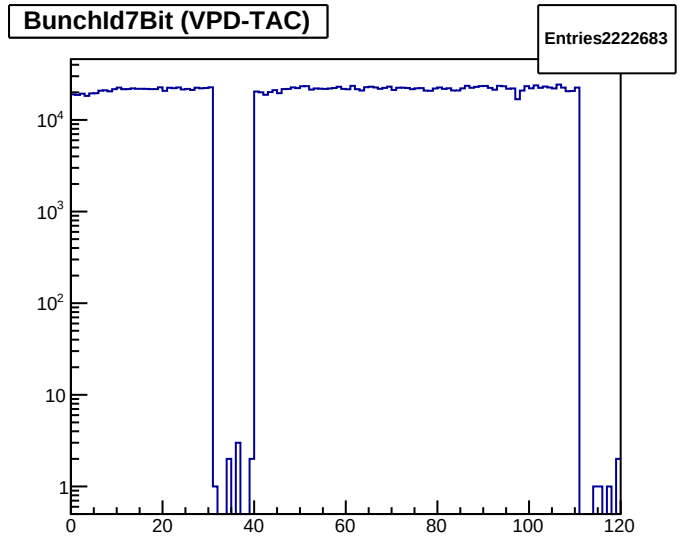

EM201E102Bits
Entries 3.344422e+07
143691
136251
147934
30933
16727
6.54515e+06
6.55259e+06
6.54091e+06
6.65191e+06
6.67212e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

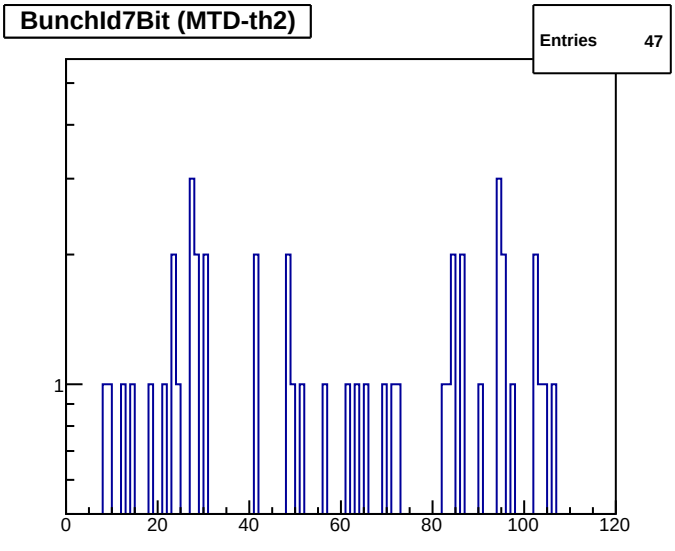

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

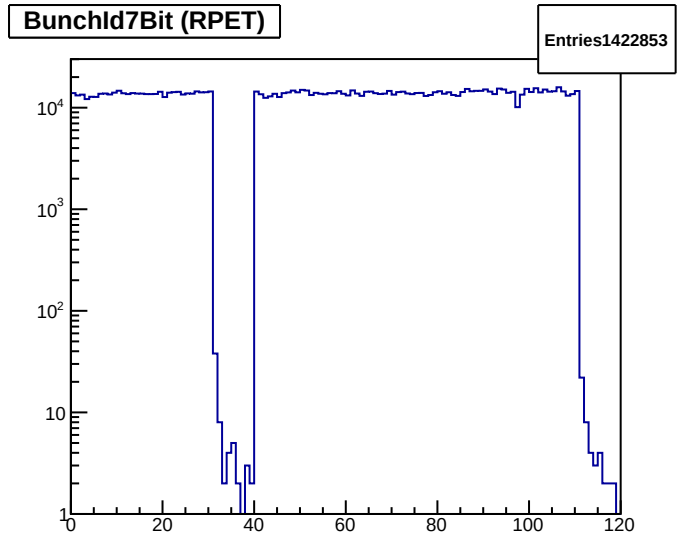

BunchId7Bit (BHT2)
Entries 128057

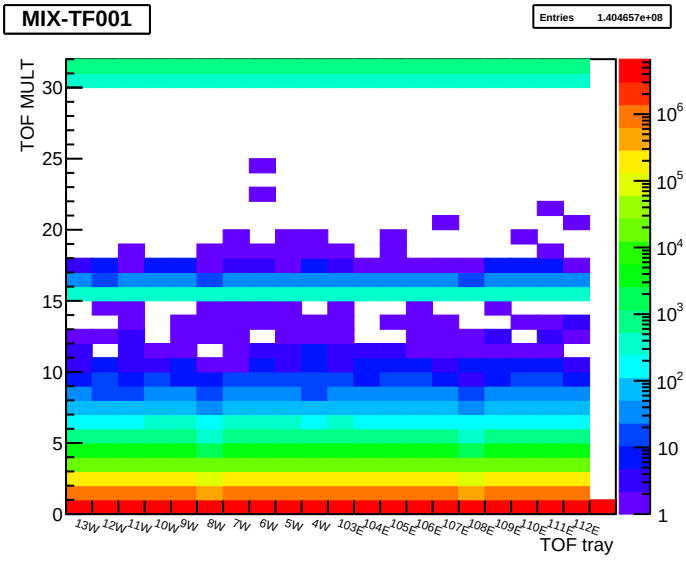

BunchId7Bit (JP2)
Entries 210939

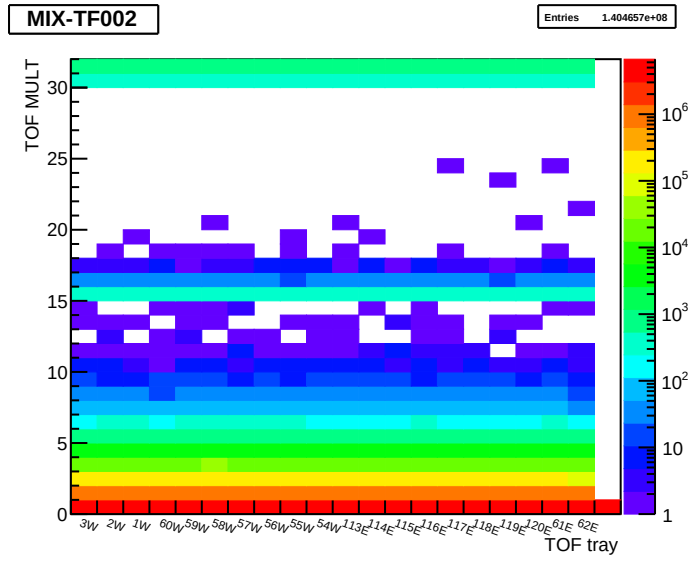

BunchId7Bit (BBC-TAC)
Entries4329600

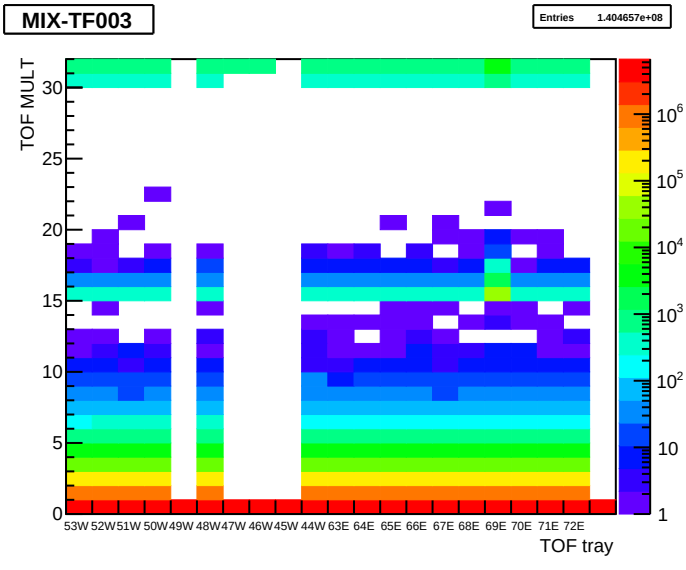

BunchId7Bit (VPD-TAC)
Entries2222683

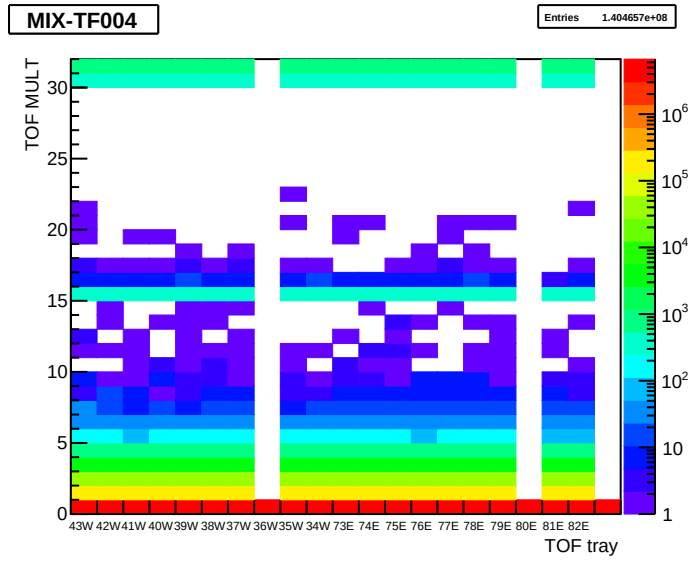

BunchId7Bit (MTD-th2)
Entries 47

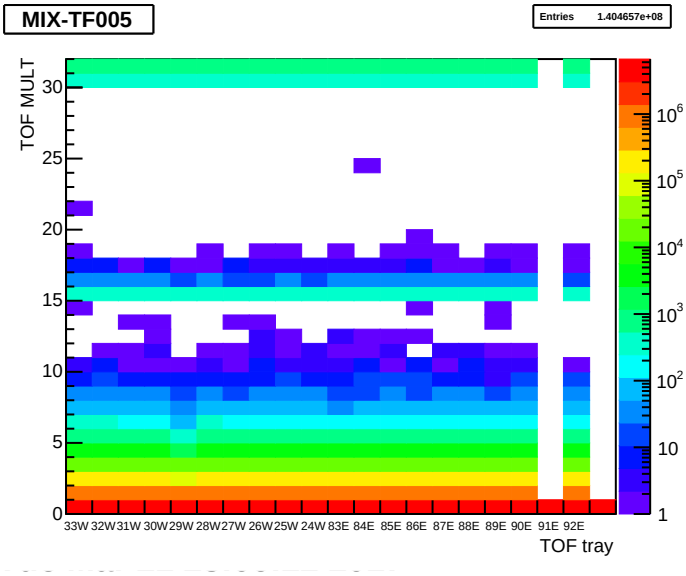

BunchId7Bit (RPET)
Entries1422853

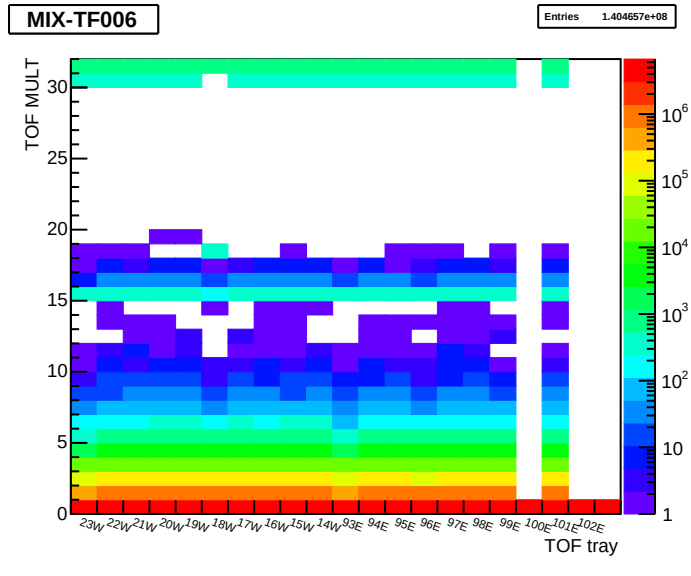

MIX-TF001
Entries 1.404657e+08
TOF MULT
TOF tray

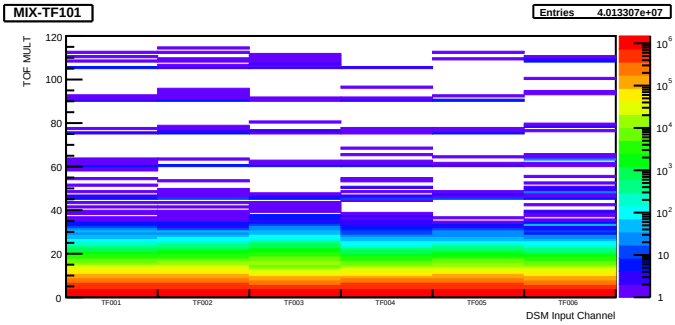

MIX-TF002
Entries 1.404657e+08
TOF MULT
TOF tray

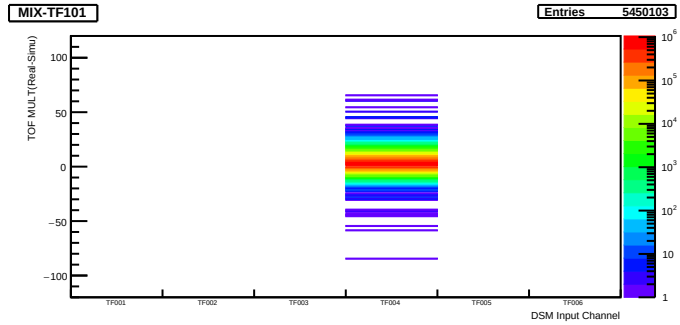

MIX-TF003
Entries 1.404657e+08
TOF MULT
TOF tray

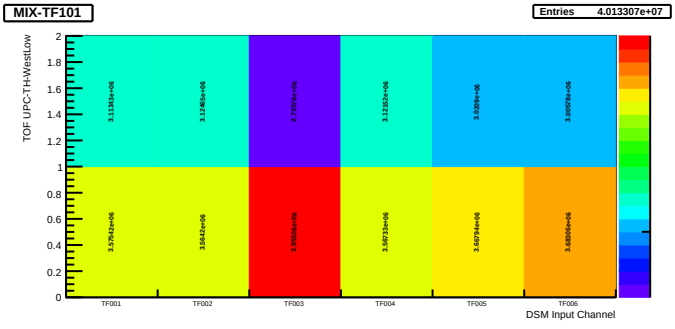

MIX-TF004
Entries 1.404657e+08
TOF MULT
TOF tray

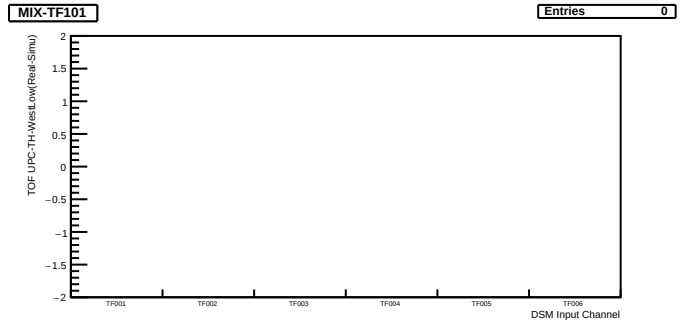

MIX-TF005
Entries 1.404657e+08
TOF MULT
TOF tray

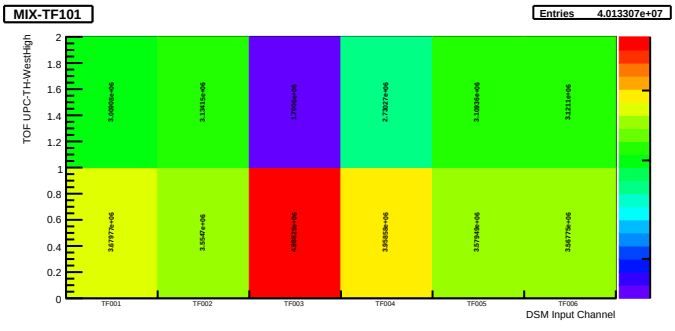

MIX-TF006
Entries 1.404657e+08
TOF MULT
TOF tray

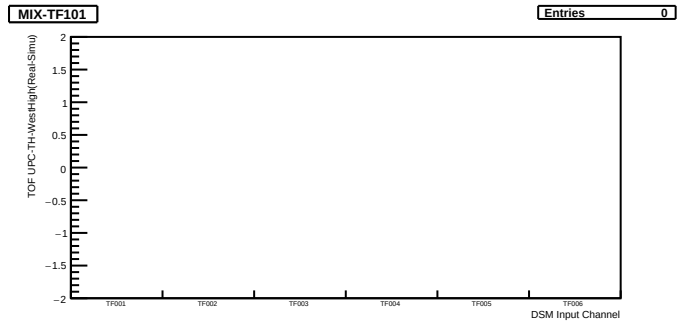

MIX-TF101
Entries 4.013307e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

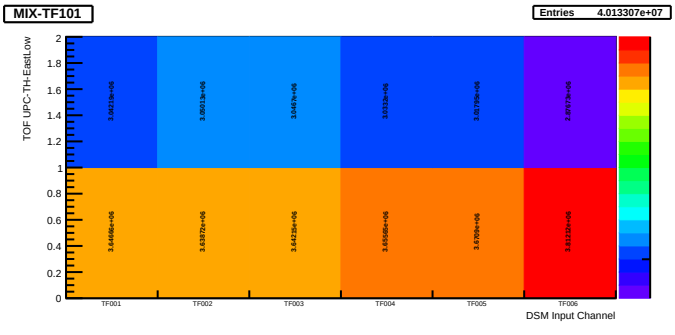

MIX-TF101
Entries 5450103
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

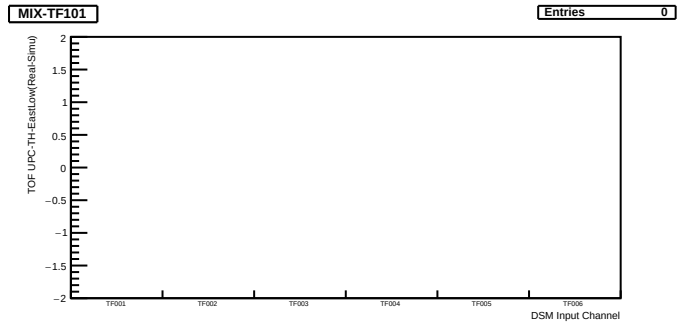

MIX-TF101
Entries 4.013307e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

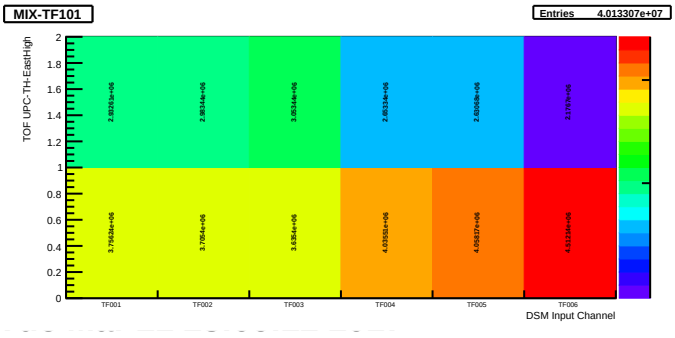

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

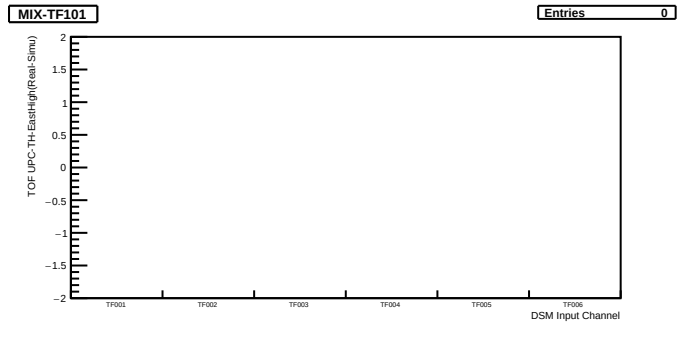

MIX-TF101
Entries 4.013307e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

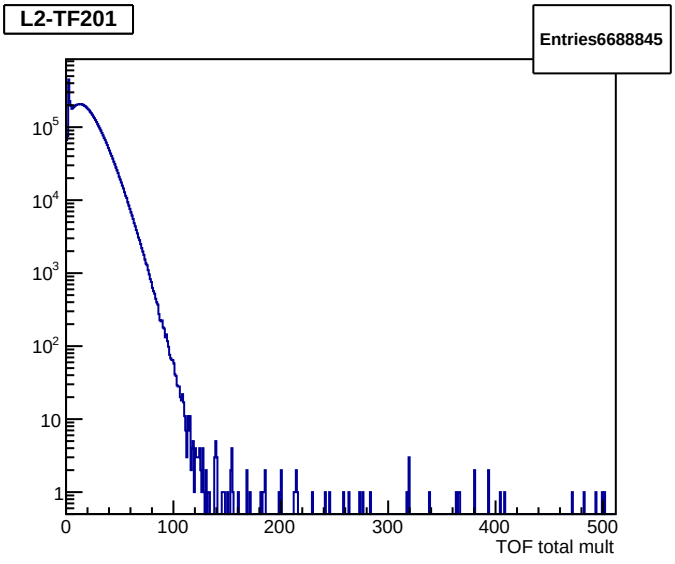

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

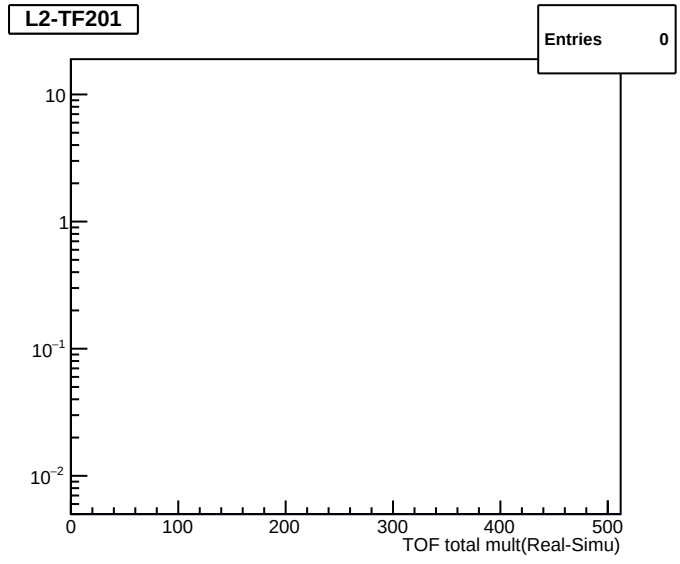

MIX-TF101
Entries 4.013307e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

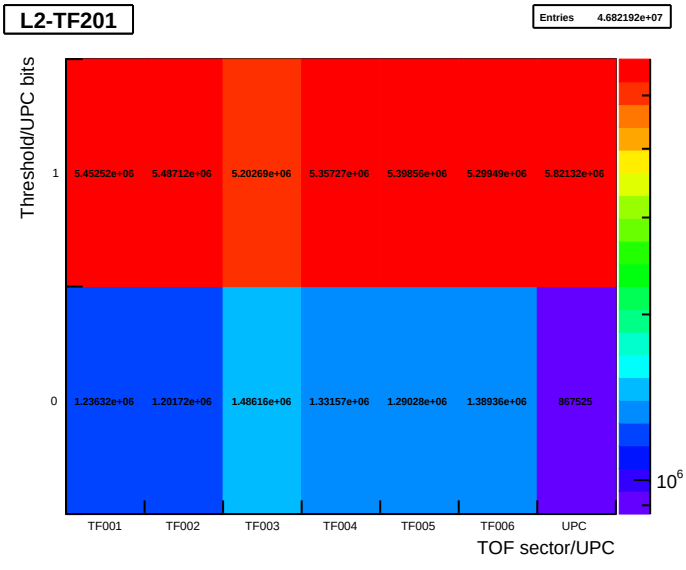

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

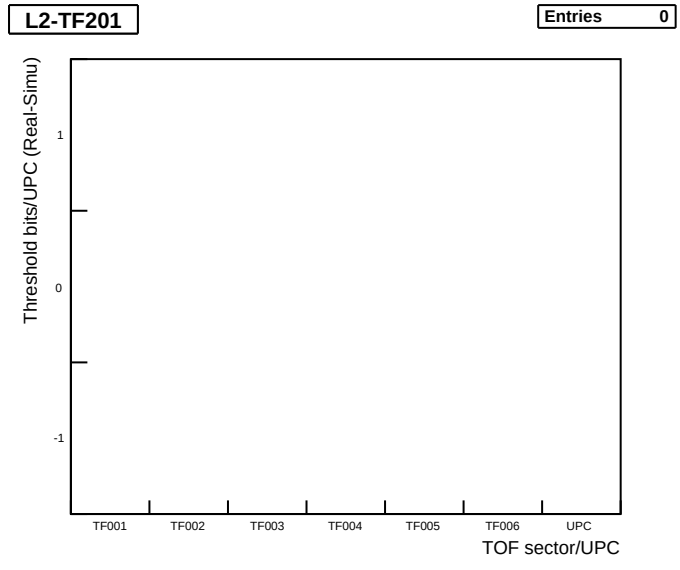

MIX-TF101
Entries 4.013307e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

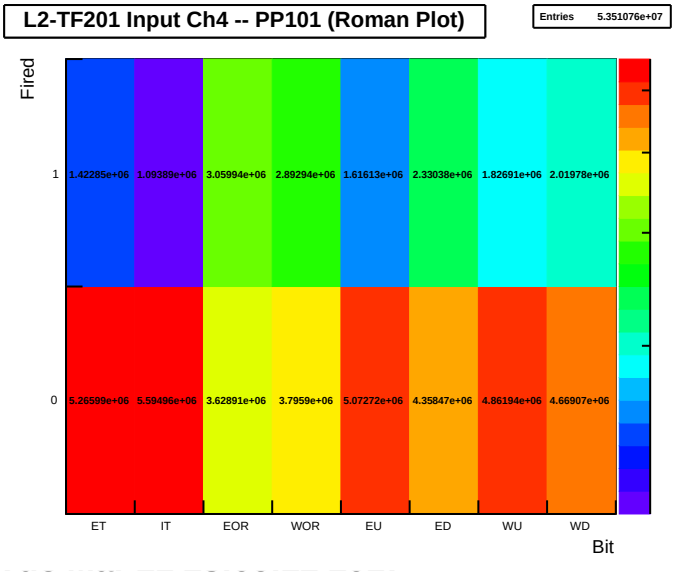

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

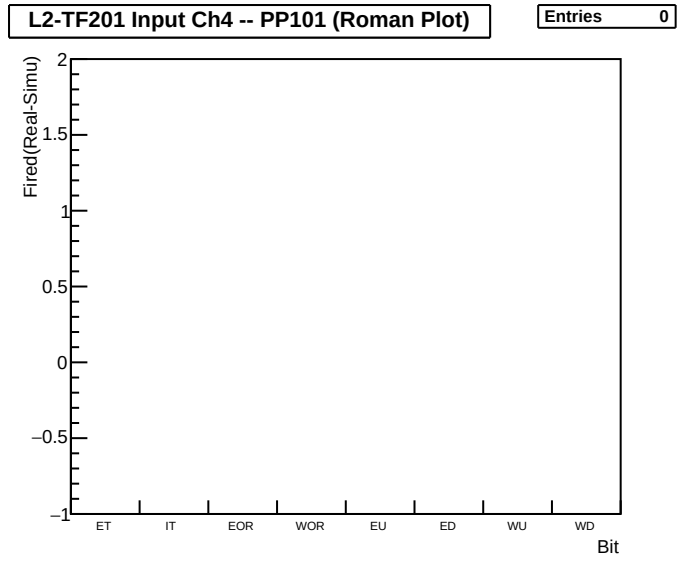

L2-TF201
Entries6688845
TOF total mult

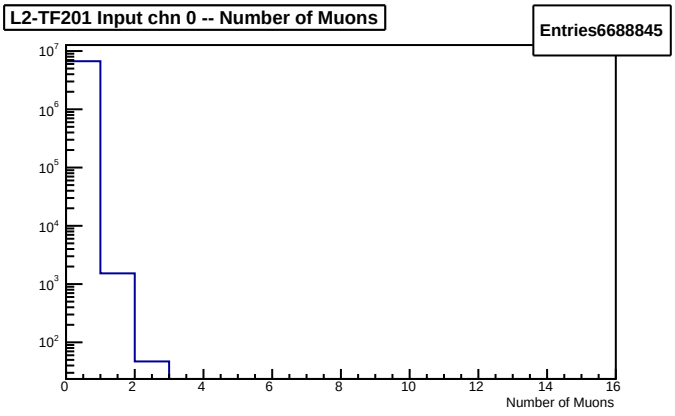

L2-TF201
Entries 0
TOF total mult(Real-Simu)

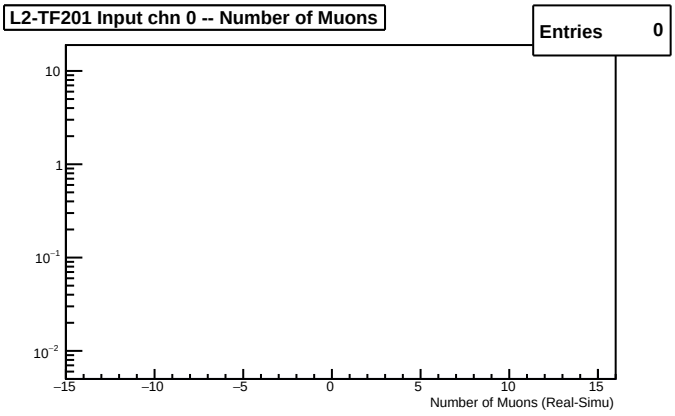

L2-TF201
Entries 4.682192e+07
Threshold/UPC bits
5.45252e+06
5.48712e+06
5.20269e+06
5.35727e+06
5.39856e+06
5.29949e+06
5.82132e+06
1.23632e+06
1.20172e+06
1.48616e+06
1.33157e+06
1.29028e+06
1.38936e+06
867525
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

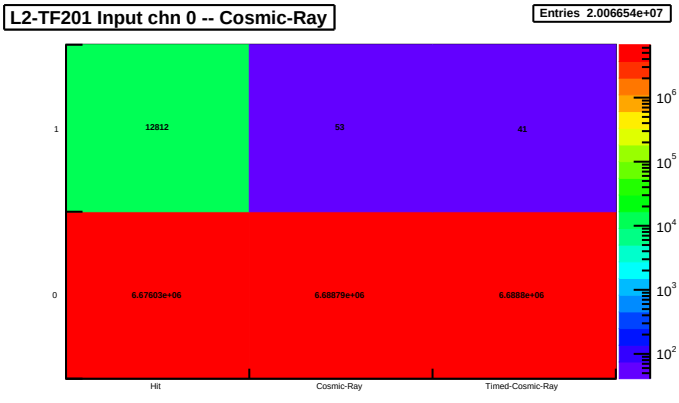

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

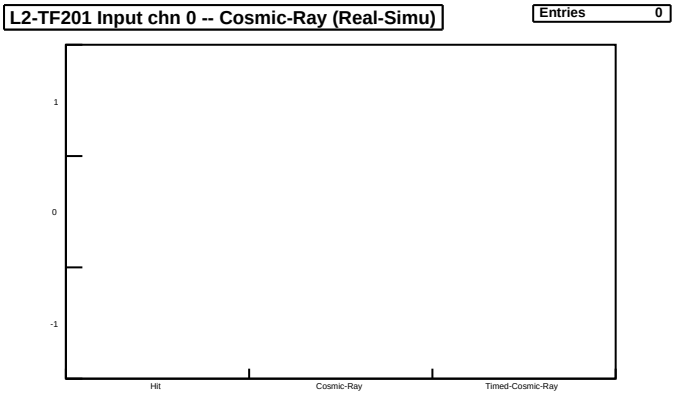

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.351076e+07
Fired
1.42285e+06
1.09389e+06
3.05994e+06
2.89294e+06
1.61613e+06
2.33038e+06
1.82691e+06
2.01978e+06
5.26599e+06
5.59496e+06
3.62891e+06
3.7959e+06
5.07272e+06
4.35847e+06
4.86194e+06
4.66907e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

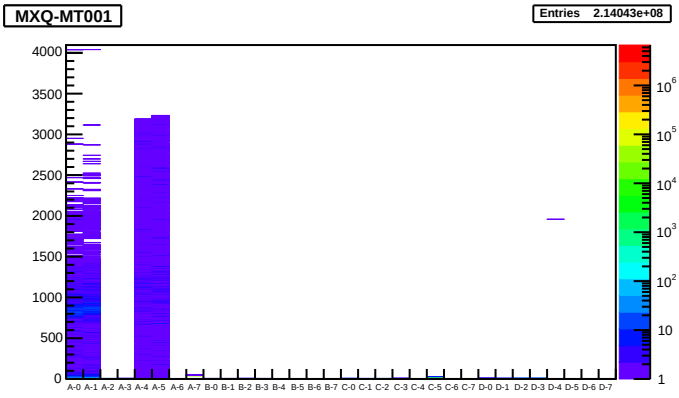

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

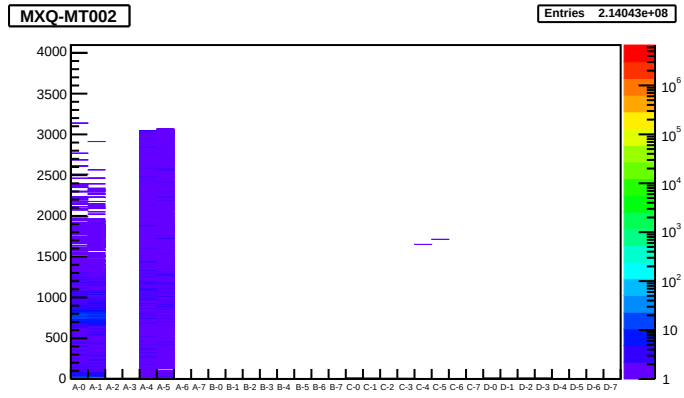

L2-TF201 Input chn 0 -- Number of Muons
Entries6688845
Number of Muons

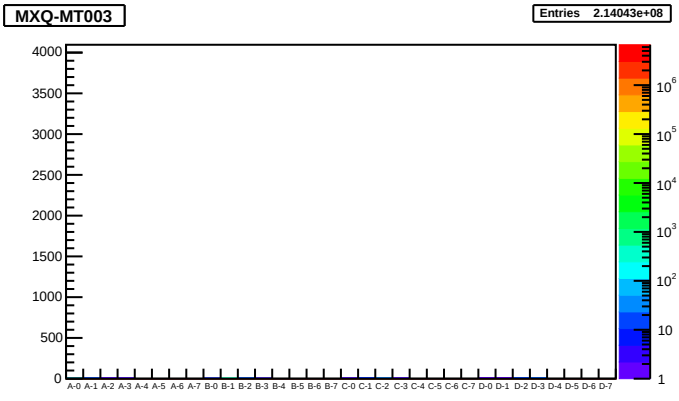

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

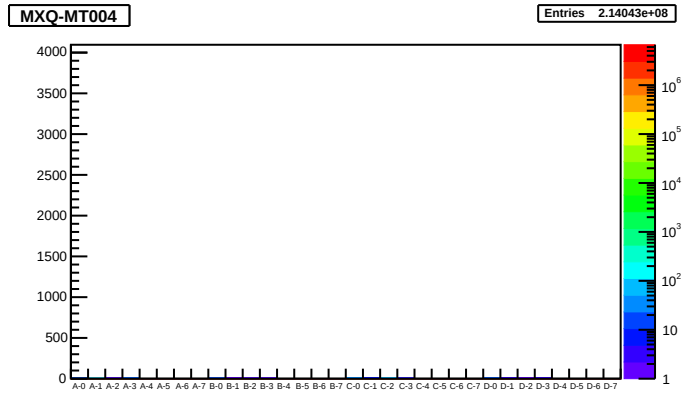

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.006654e+07
12812
53
41
6.67603e+06
6.68879e+06
6.6888e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

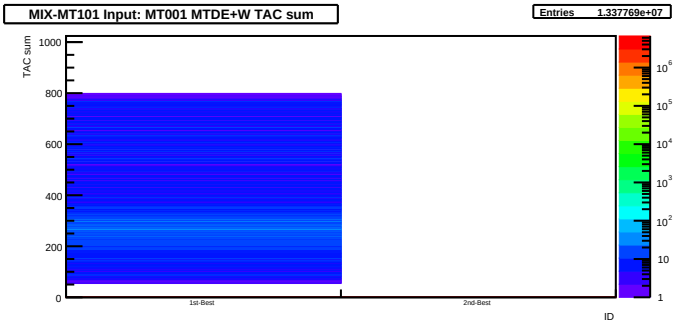

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

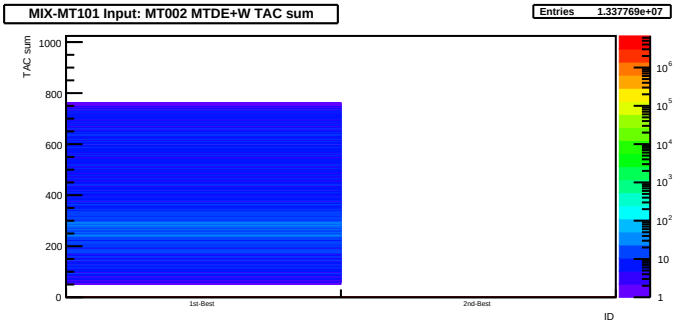

MXQ-MT001
Entries 2.14043e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

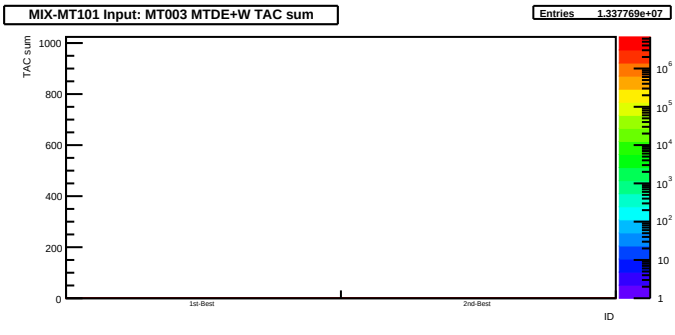

MXQ-MT002
Entries 2.14043e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

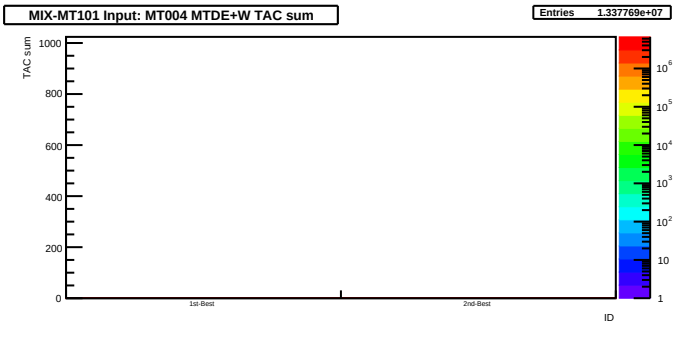

MXQ-MT003
Entries 2.14043e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

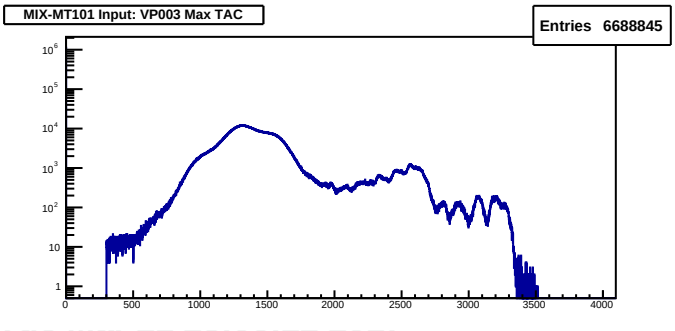

MXQ-MT004
Entries 2.14043e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

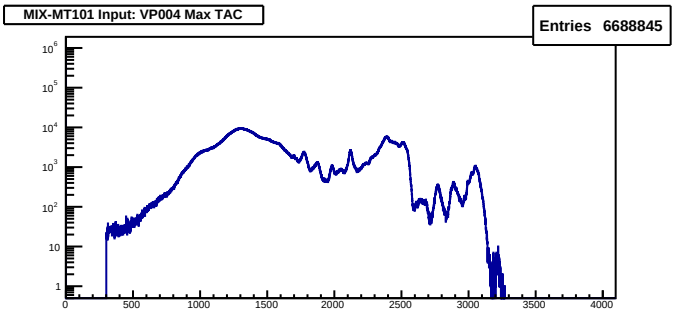

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.337769e+07
TAC sum
1st-Best
2nd-Best
ID

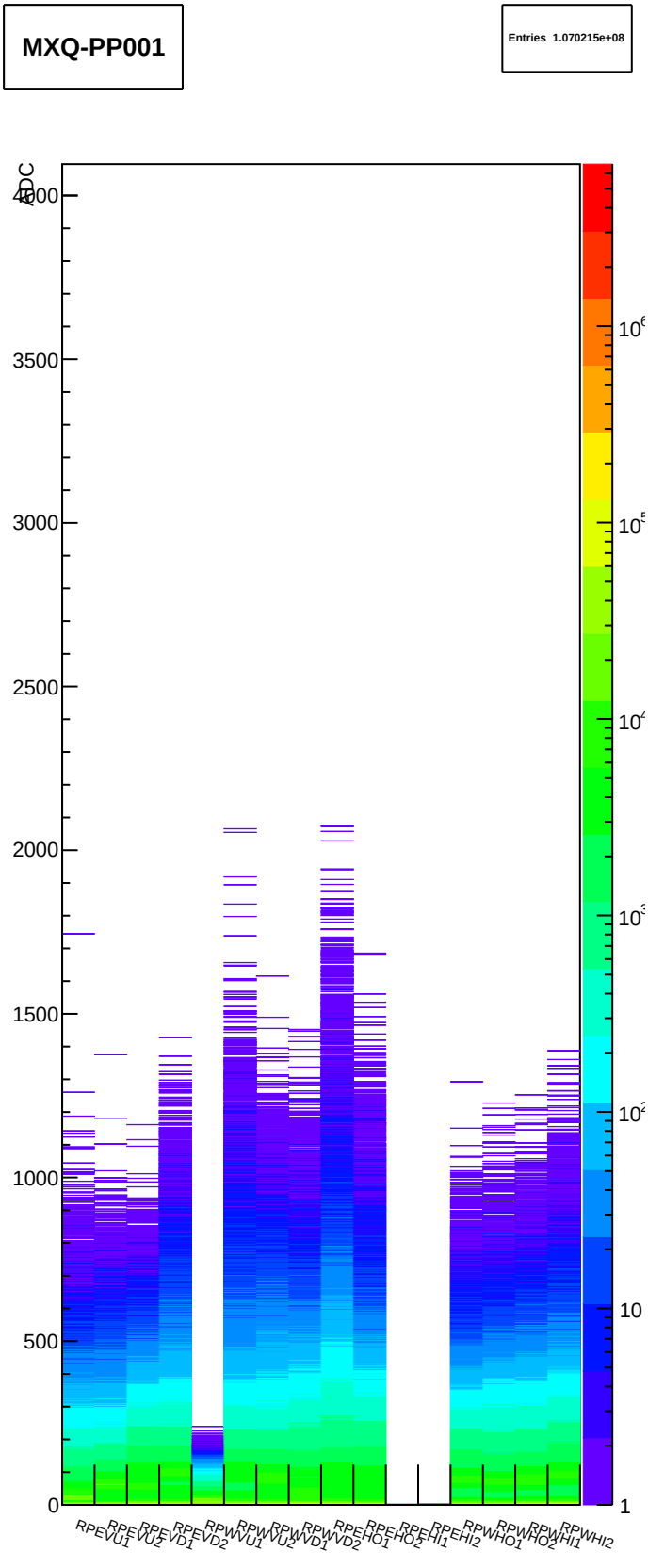

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.337769e+07
TAC sum
1st-Best
2nd-Best
ID

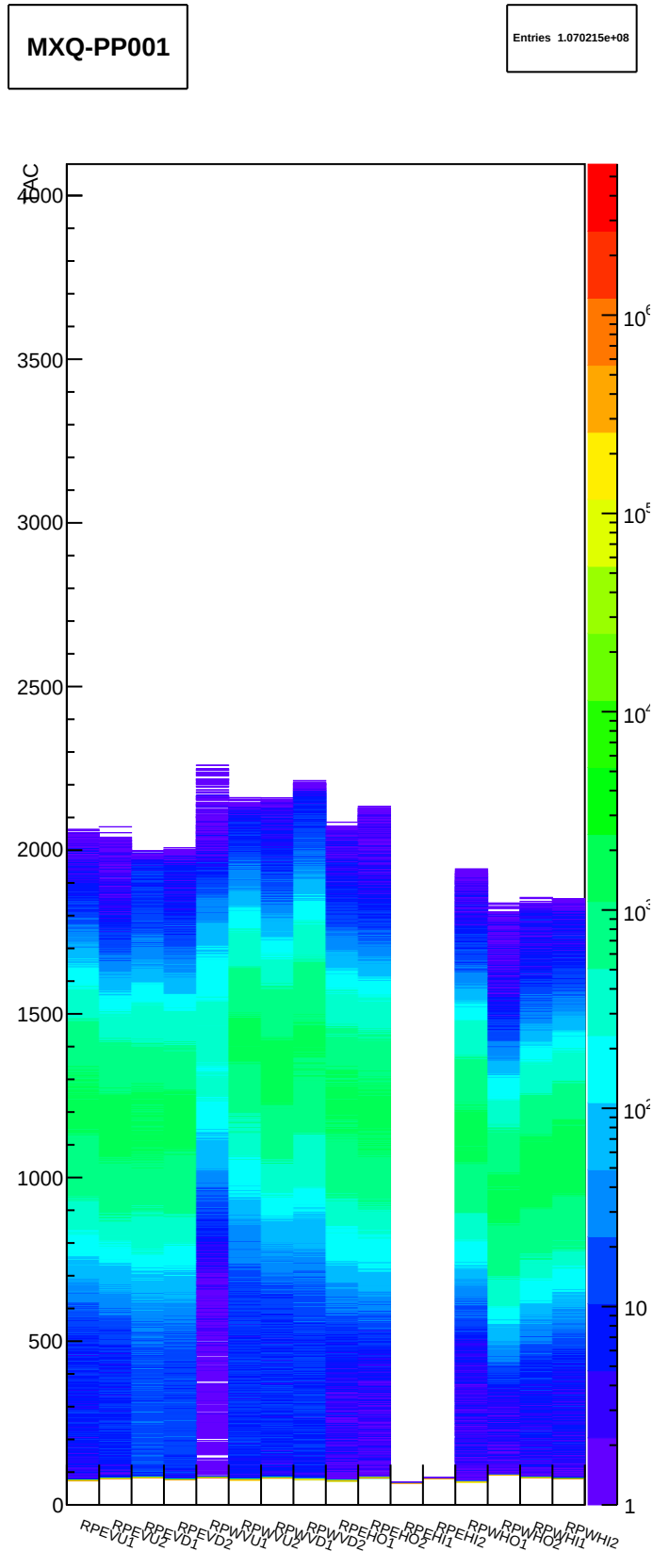

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.337769e+07
TAC sum
1st-Best
2nd-Best
ID

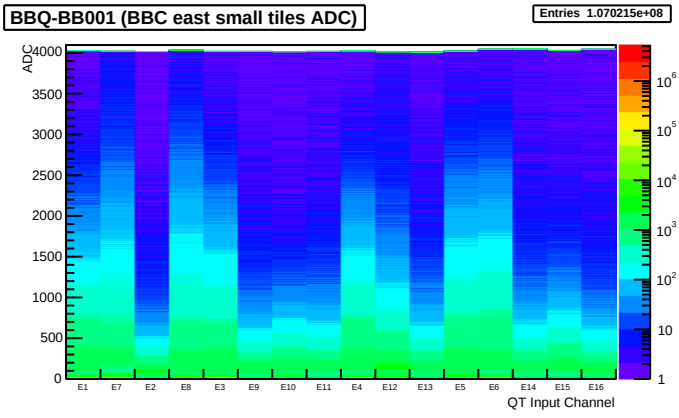

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.337769e+07
TAC sum
1st-Best
2nd-Best
ID

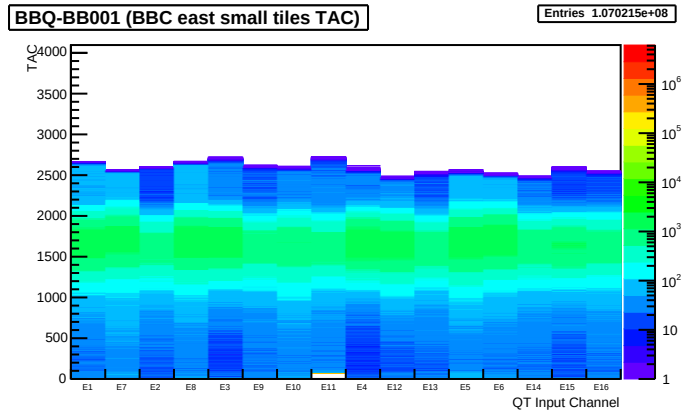

MIX-MT101 Input: VP003 Max TAC
Entries 6688845

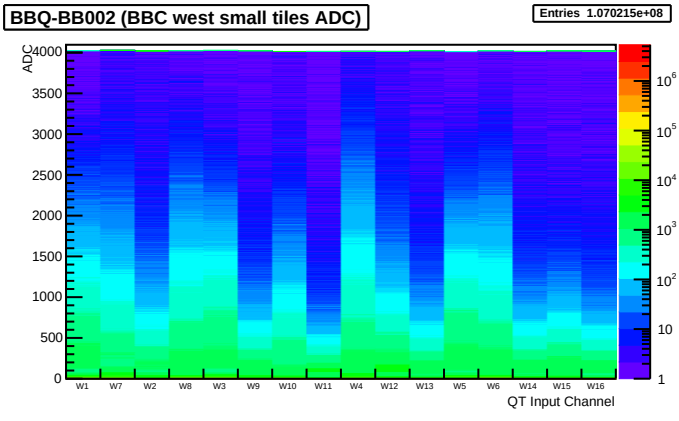

MIX-MT101 Input: VP004 Max TAC
Entries 6688845

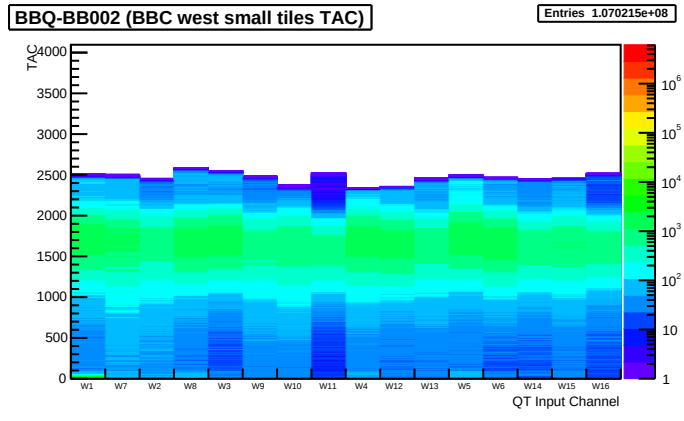

MXQ-PP001
Entries 1.070215e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

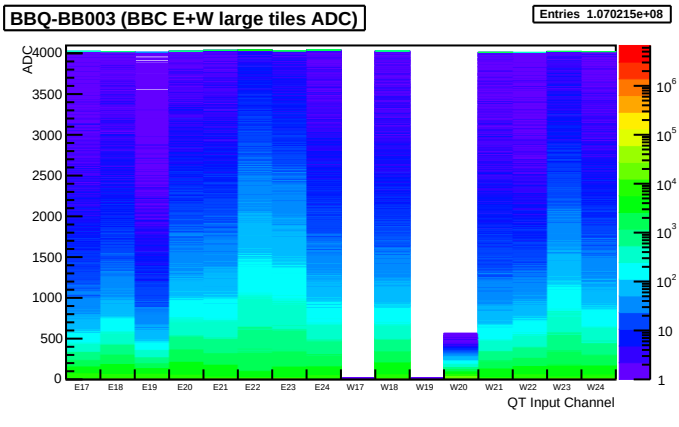

MXQ-PP001
Entries 1.070215e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

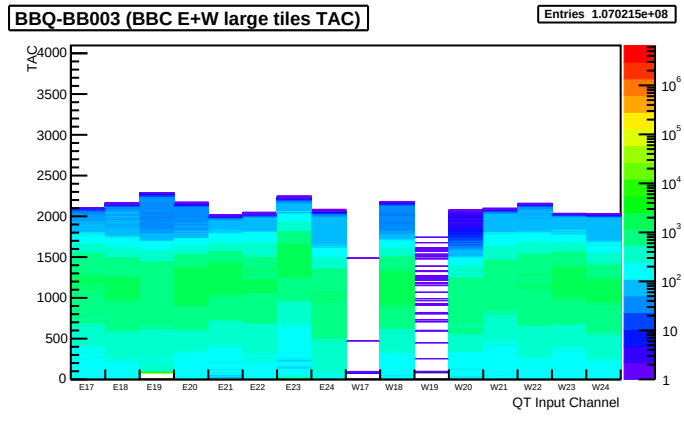

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.070215e+08
ADC
QT Input Channel

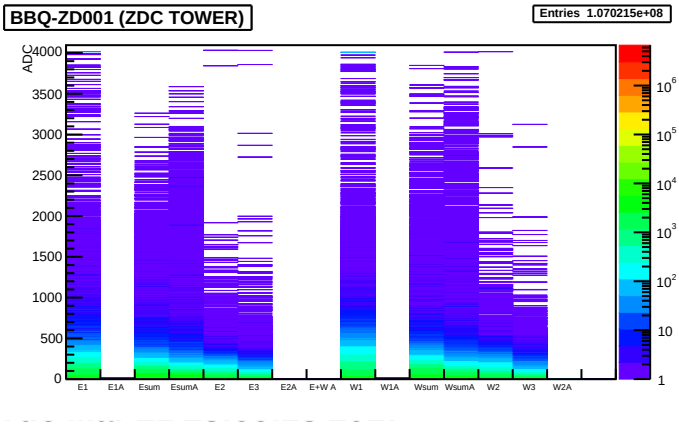

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.070215e+08
TAC
QT Input Channel

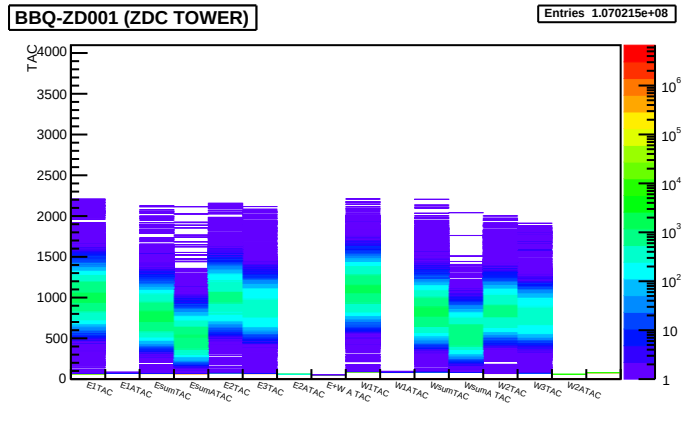

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.070215e+08
ADC
QT Input Channel

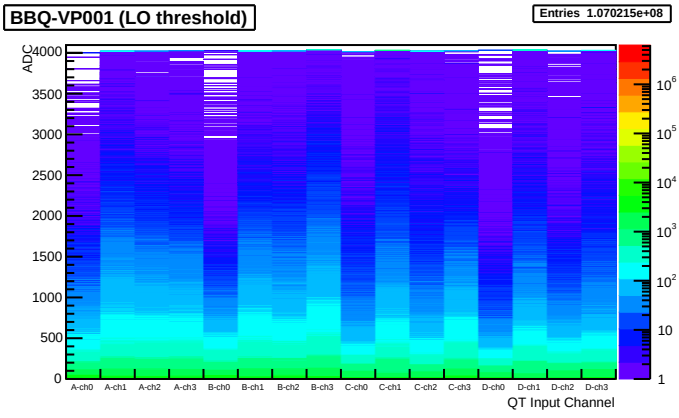

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.070215e+08
TAC
QT Input Channel

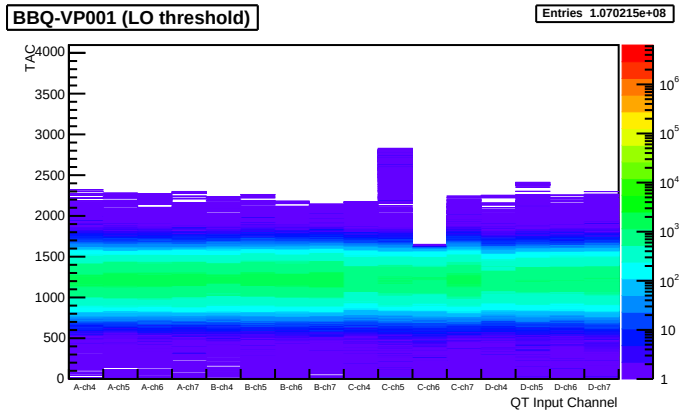

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.070215e+08
ADC
QT Input Channel

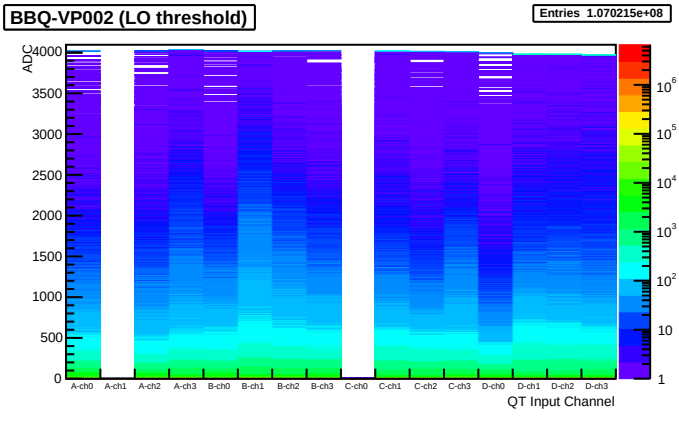

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.070215e+08
TAC
QT Input Channel

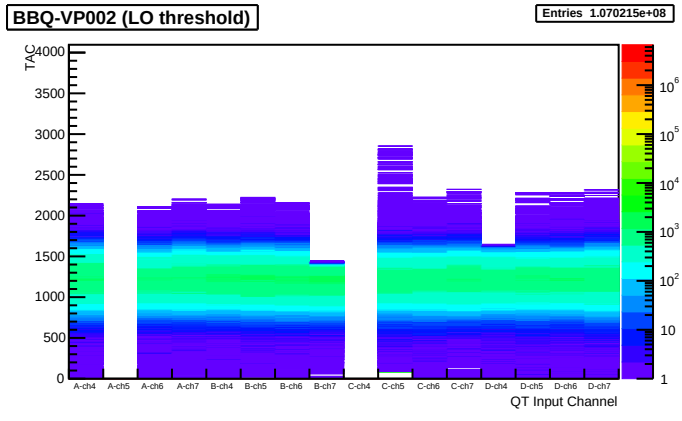

BBQ-ZD001 (ZDC TOWER)
Entries 1.070215e+08
ADC

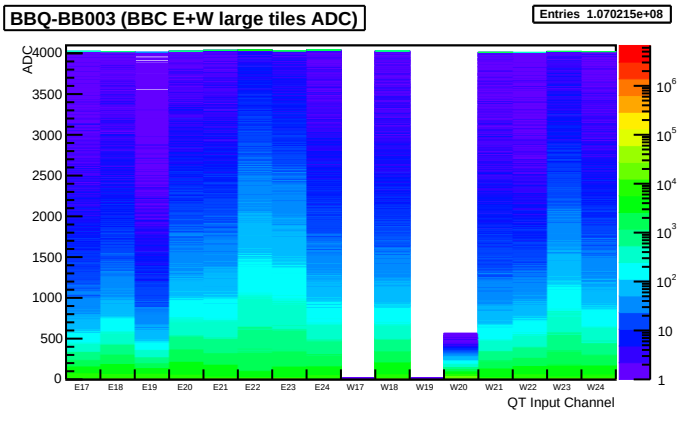

BBQ-ZD001 (ZDC TOWER)
Entries 1.070215e+08
TAC

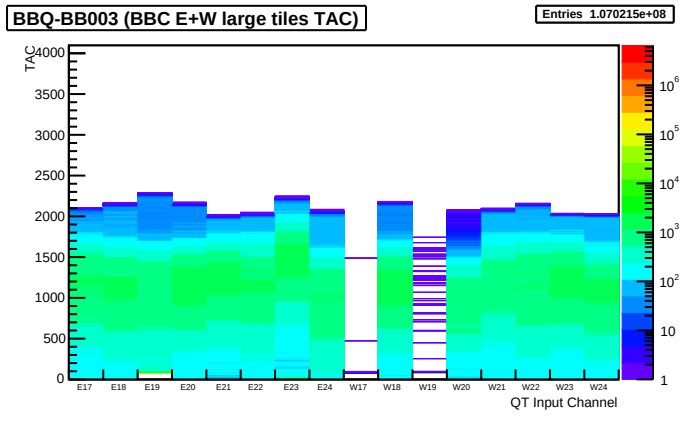

BBQ-VP001 (LO threshold)
Entries 1.070215e+08
ADC
QT Input Channel

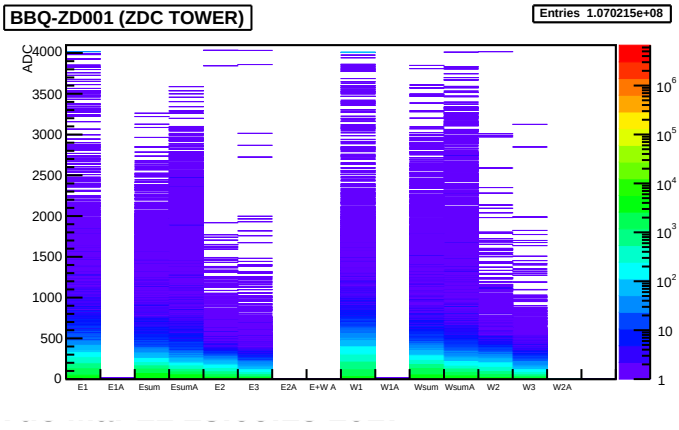

BBQ-VP001 (LO threshold)
Entries 1.070215e+08
TAC
QT Input Channel

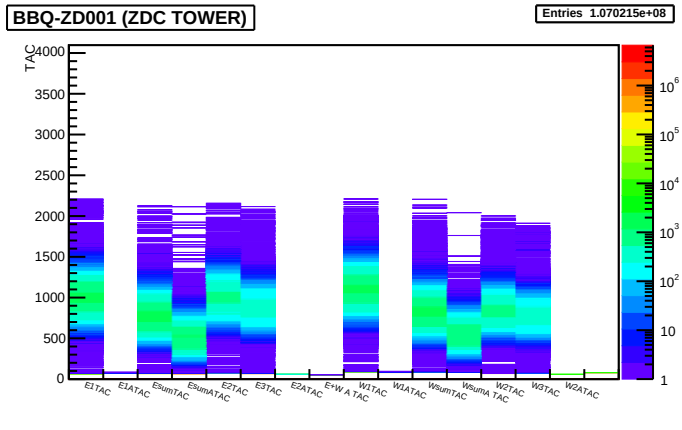

BBQ-VP002 (LO threshold)
Entries 1.070215e+08
ADC
QT Input Channel

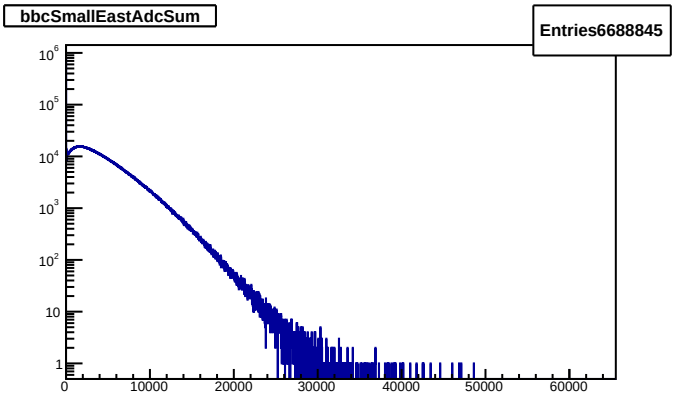

BBQ-VP002 (LO threshold)
Entries 1.070215e+08
TAC
QT Input Channel

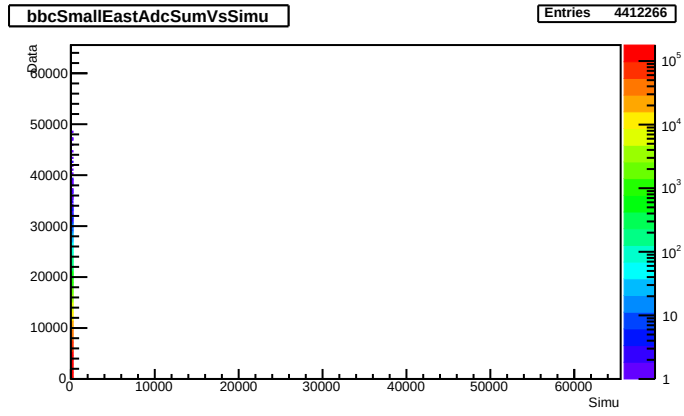

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.070215e+08
ADC
QT Input Channel

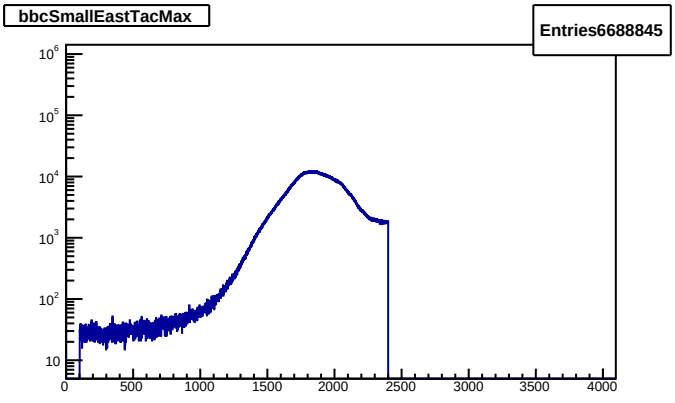

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.070215e+08
TAC
QT Input Channel

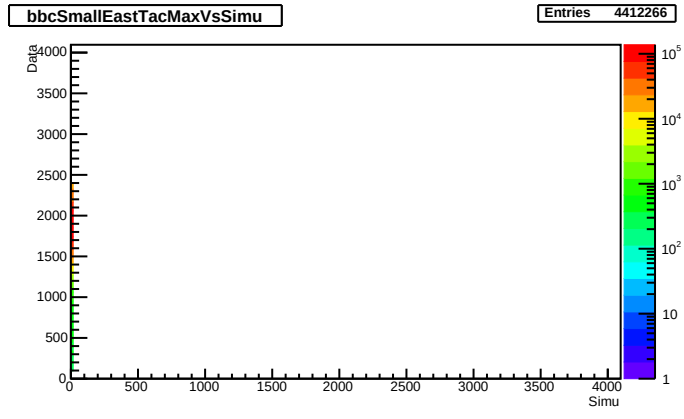

BBQ-ZD001 (ZDC TOWER)
Entries 1.070215e+08
ADC

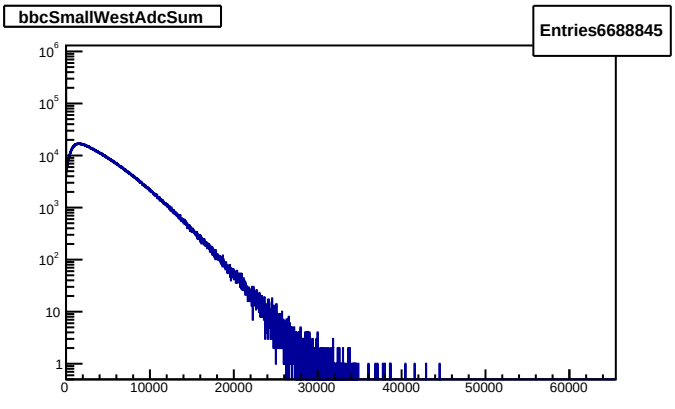

BBQ-ZD001 (ZDC TOWER)
Entries 1.070215e+08
TAC

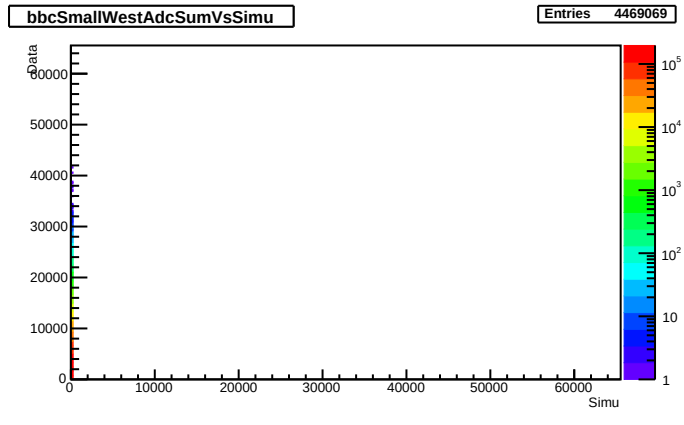

bbcSmallEastAdcSum
Entries6688845

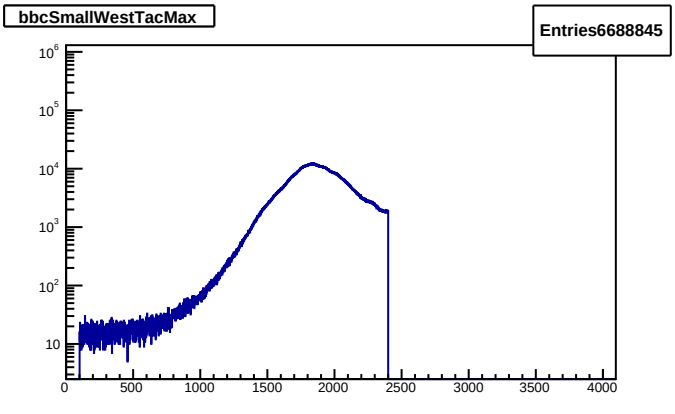

bbcSmallEastAdcSumVsSimu
Entries 4412266
Data
Simu

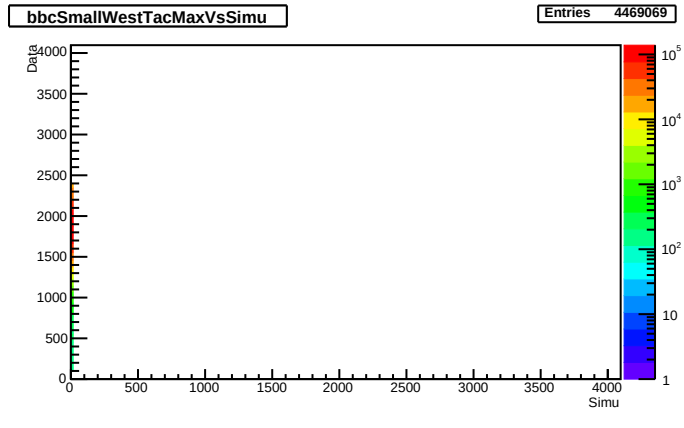

bbcSmallEastTacMax
Entries6688845

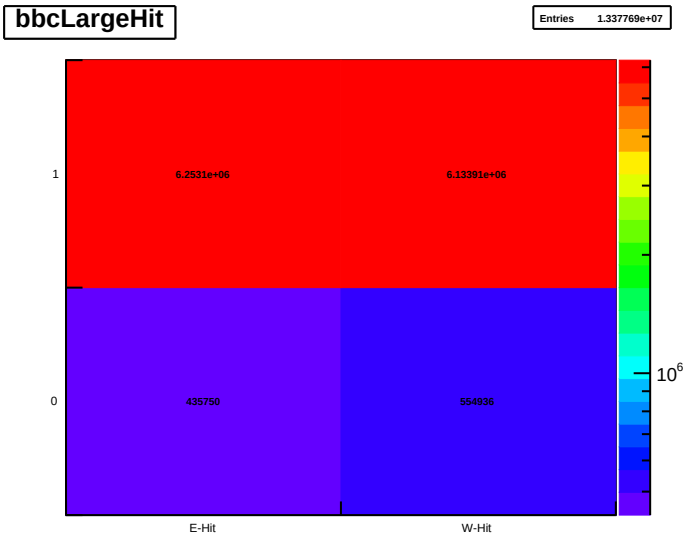

bbcSmallEastTacMaxVsSimu
Entries 4412266
Data
Simu

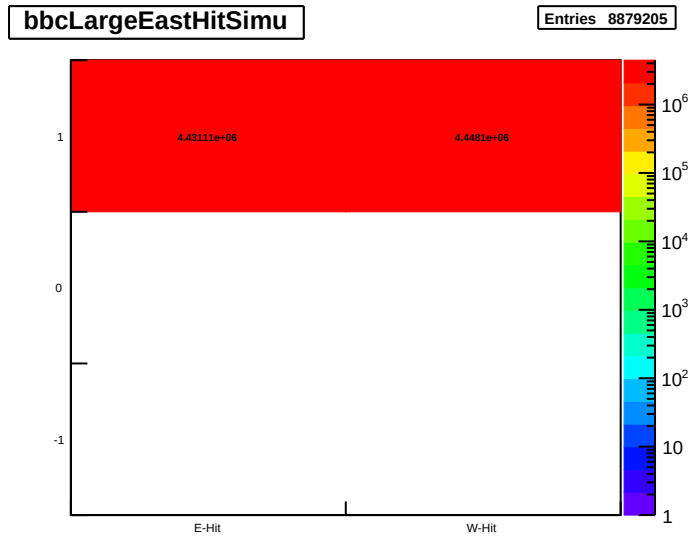

bbcSmallWestAdcSum
Entries6688845

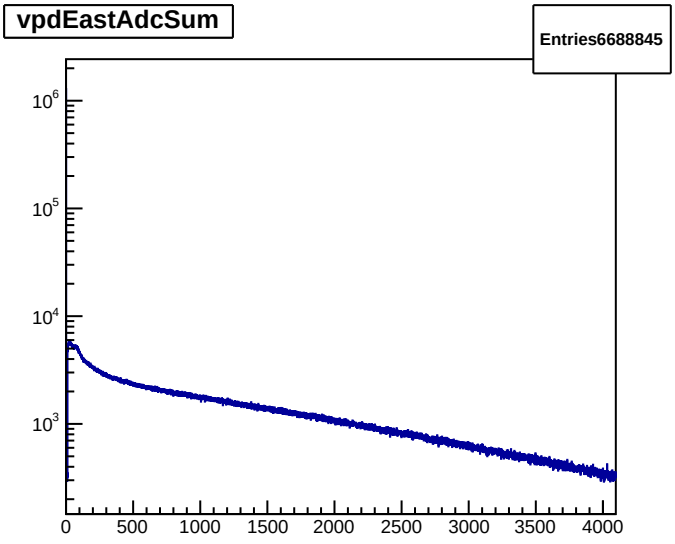

bbcSmallWestAdcSumVsSimu
Entries 4469069
Data
Simu

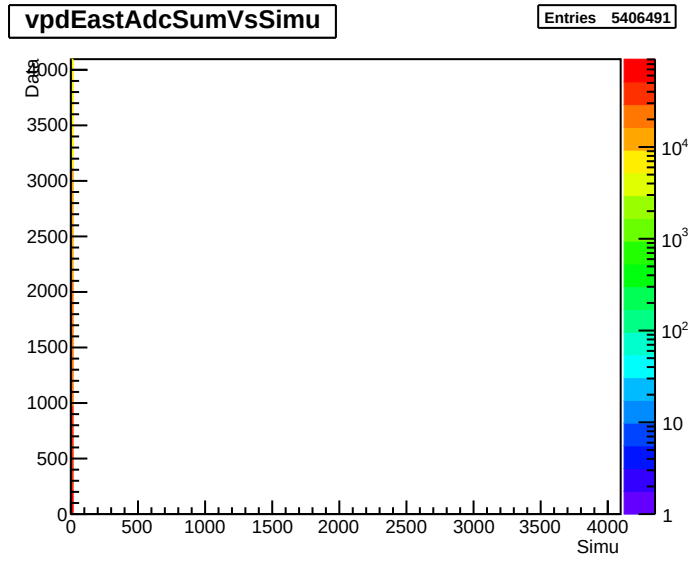

bbcSmallWestTacMax
Entries6688845

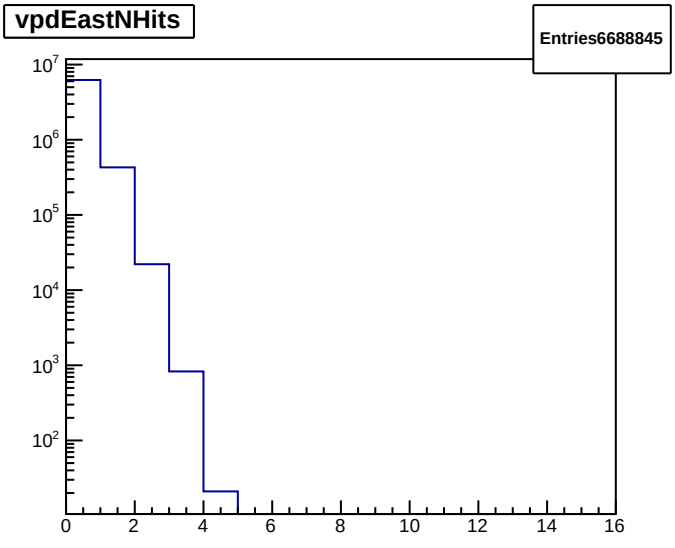

bbcSmallWestTacMaxVsSimu
Entries 4469069
Data
Simu

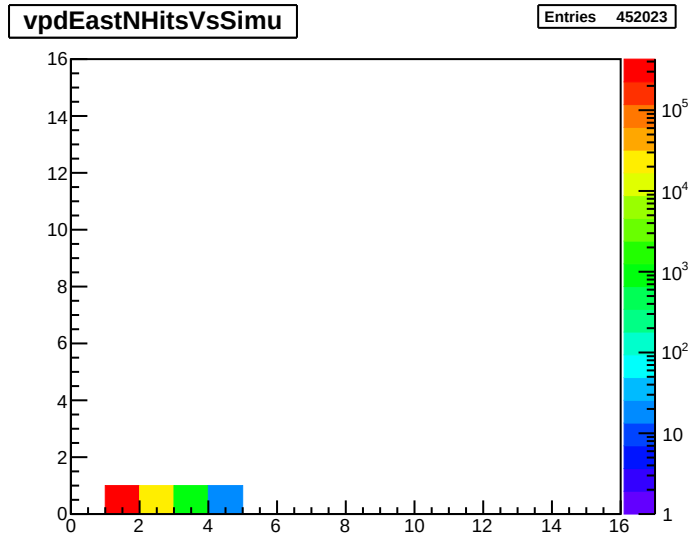

bbcLargeHit
Entries 1.337769e+07
1
0
6.2531e+06
6.13391e+06
435750
554936
E-Hit
W-Hit
10^6

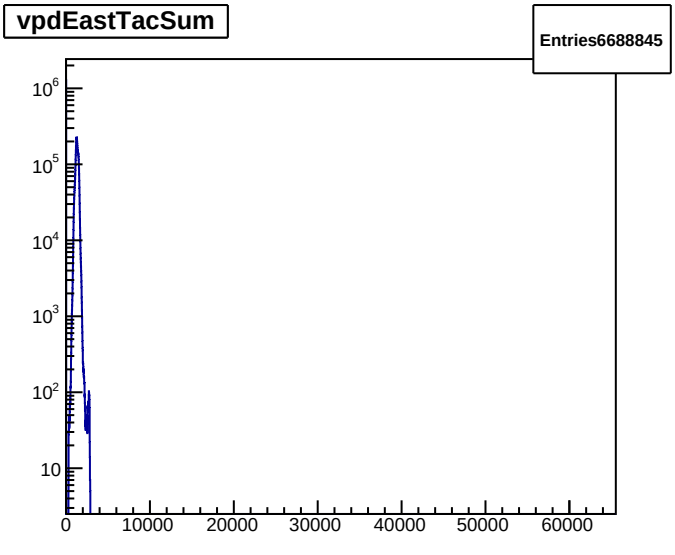

bbcLargeEastHitSimu
Entries 8879205
1
0
-1
4.43111e+06
4.4481e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

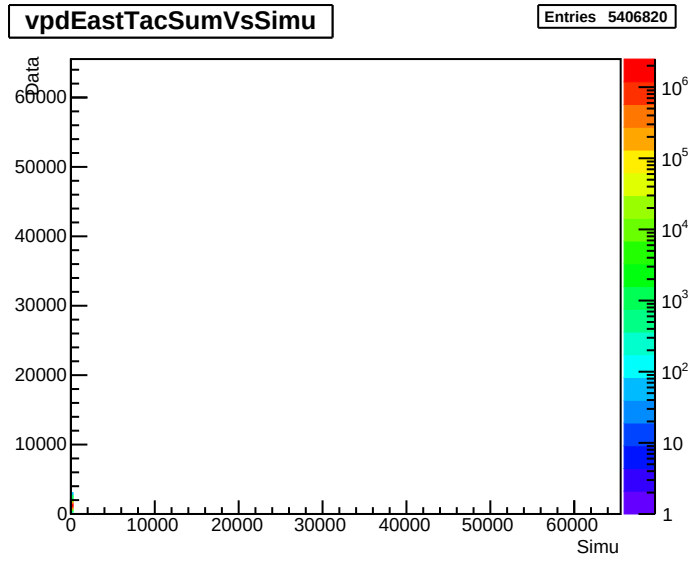

vpdEastAdcSum
Entries6688845

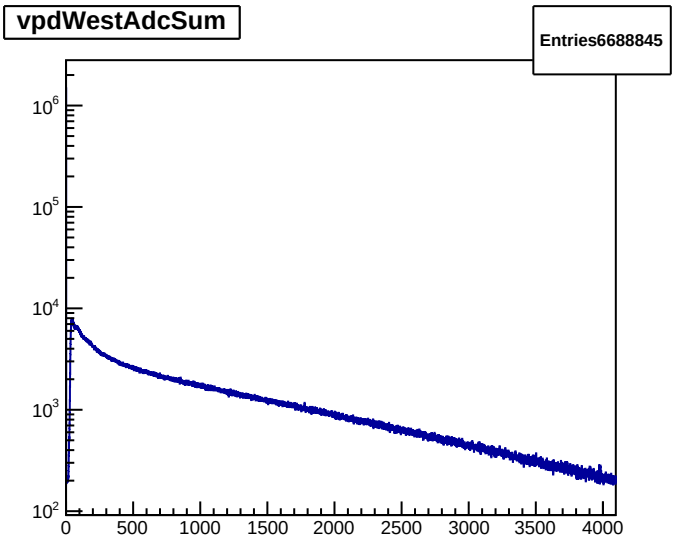

vpdEastAdcSumVsSimu
Entries 5406491
Data
Simu

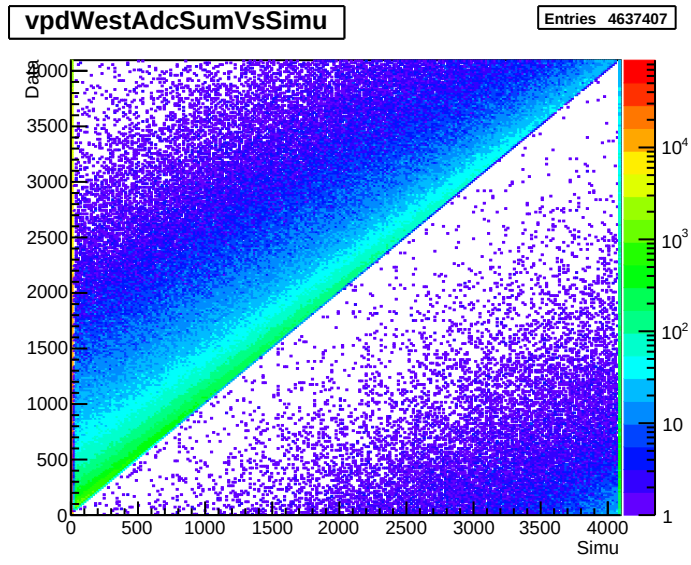

vpdEastNHits
Entries6688845

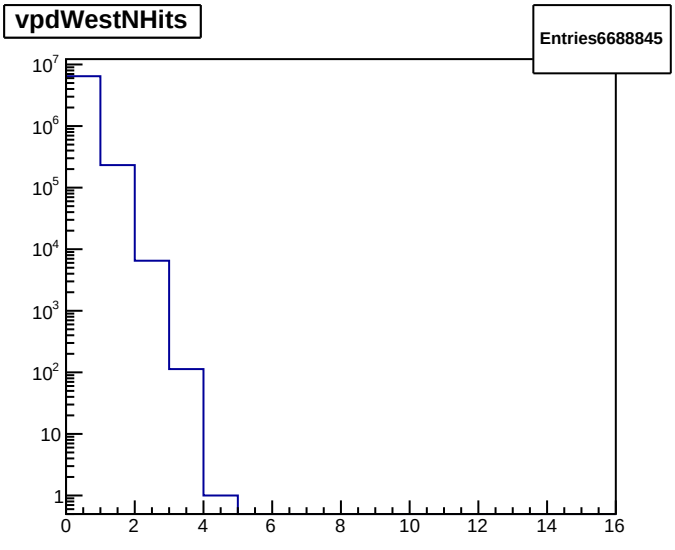

vpdEastNHitsVsSimu
Entries 452023

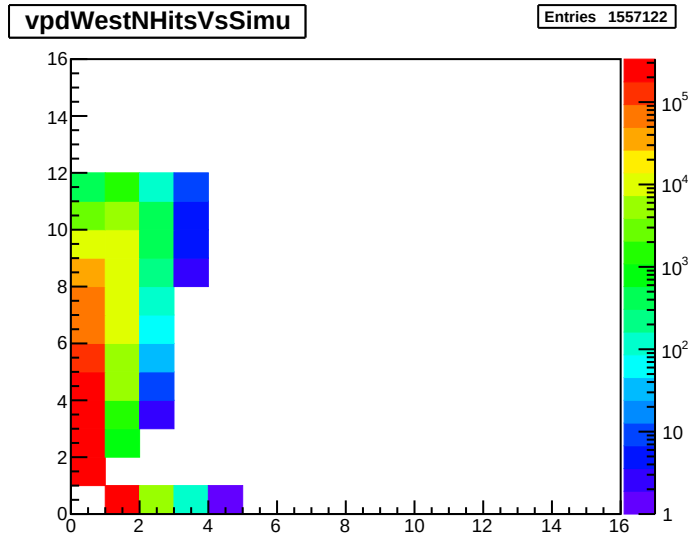

vpdEastTacSum
Entries6688845

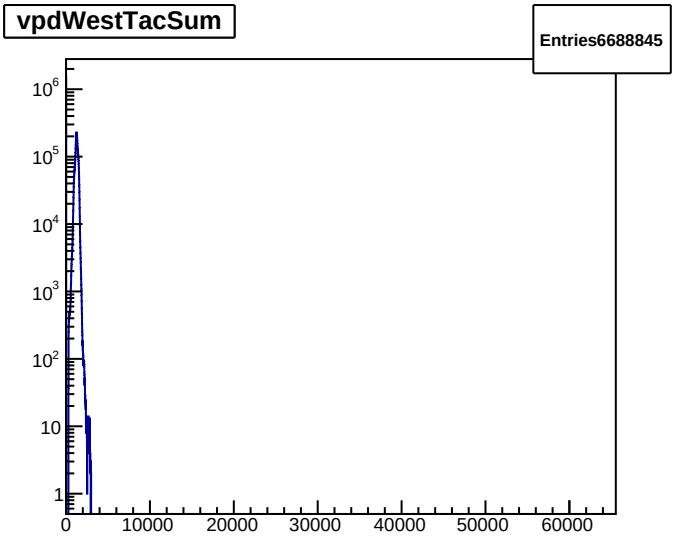

vpdEastTacSumVsSimu
Entries 5406820
Data
Simu

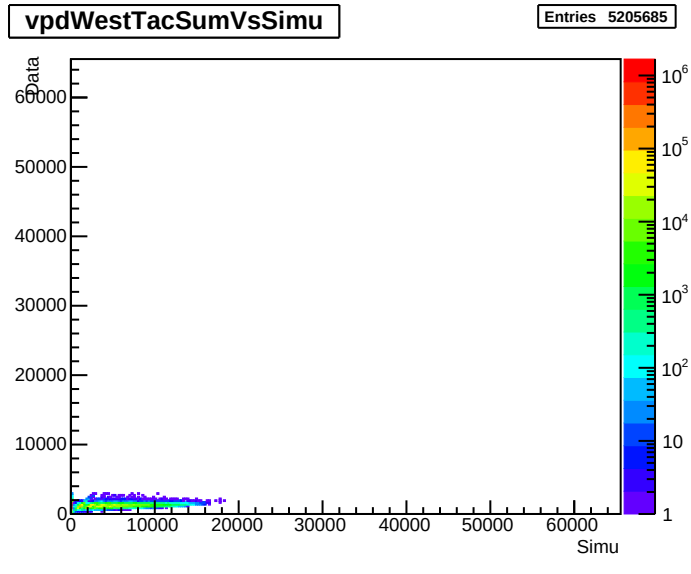

vpdWestAdcSum
Entries6688845

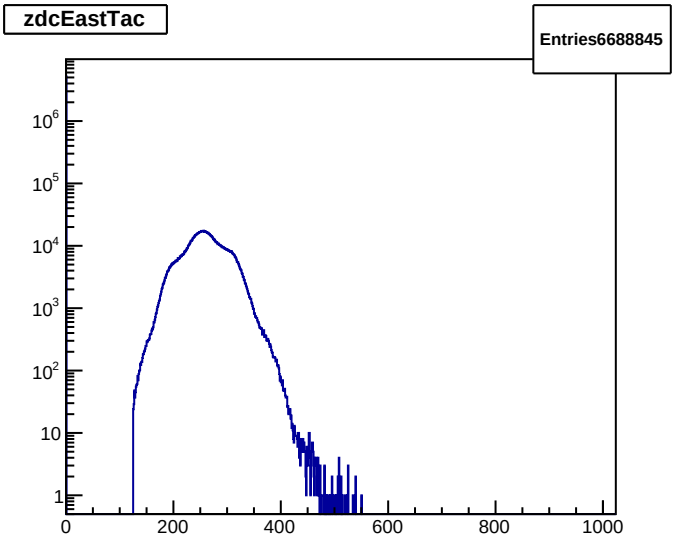

vpdWestAdcSumVsSimu
Entries 4637407
Data
Simu

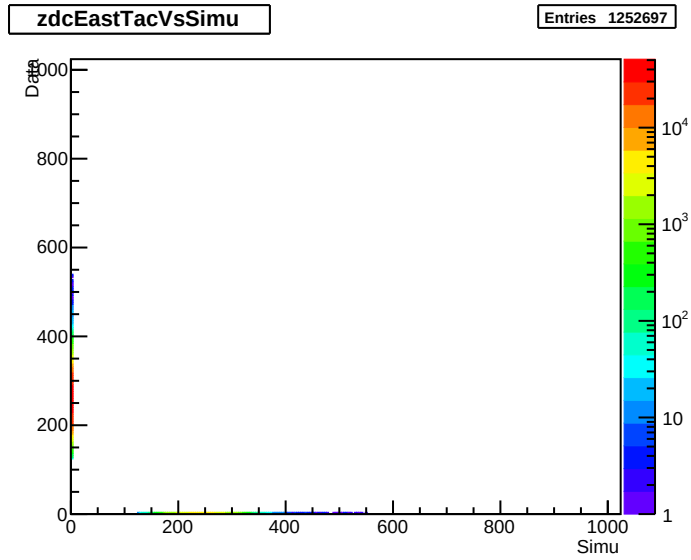

vpdWestNHits
Entries6688845

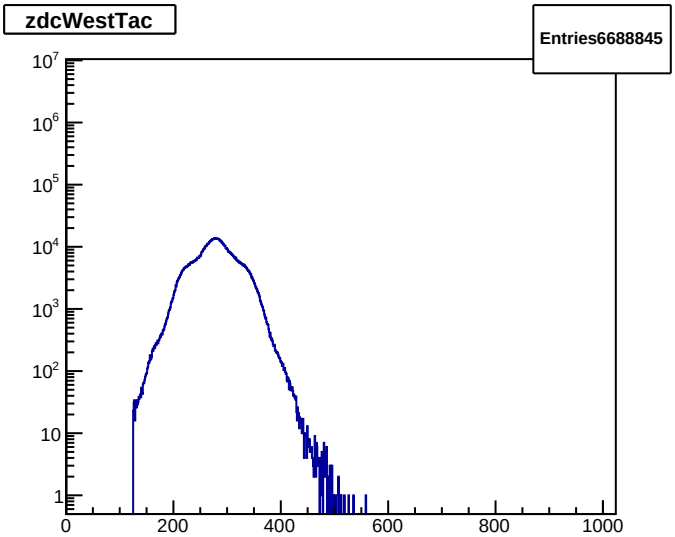

vpdWestNHitsVsSimu
Entries 1557122

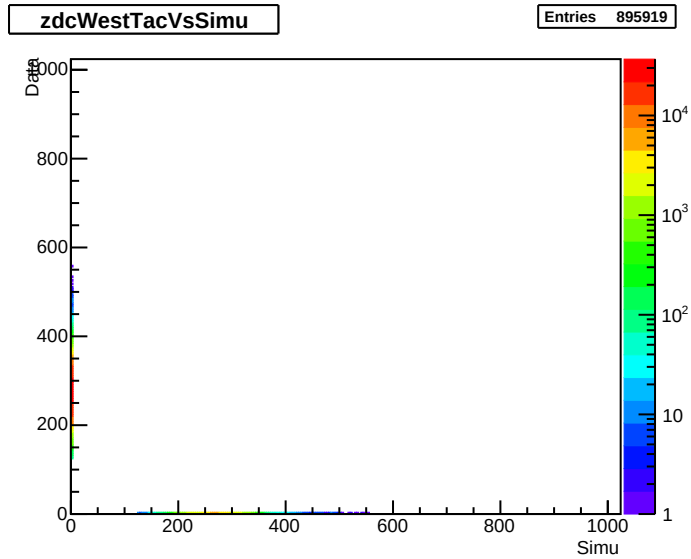

vpdWestTacSum
Entries6688845

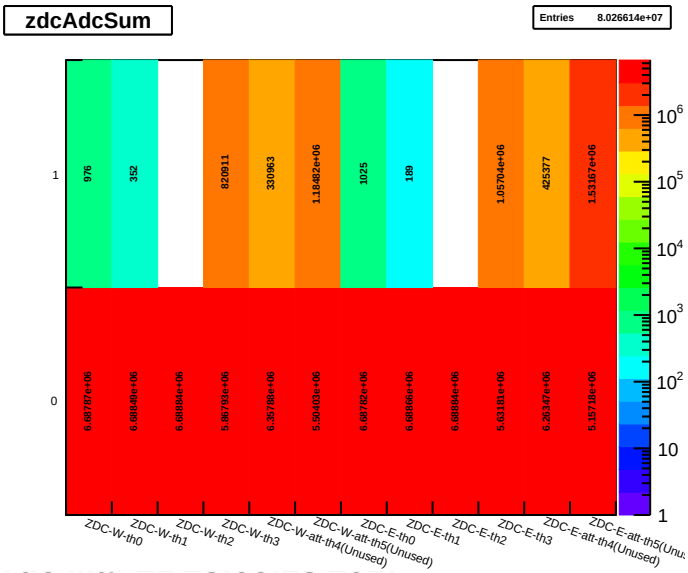

vpdWestTacSumVsSimu
Entries 5205685
Data
Simu

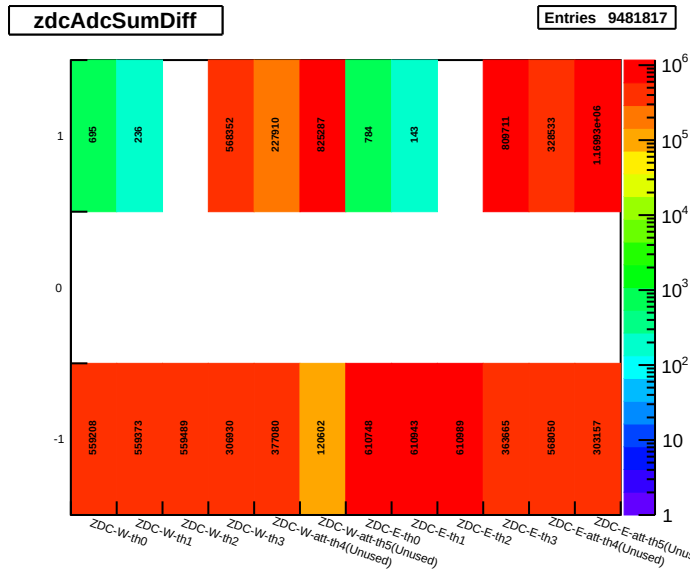

zdcEastTac
Entries6688845

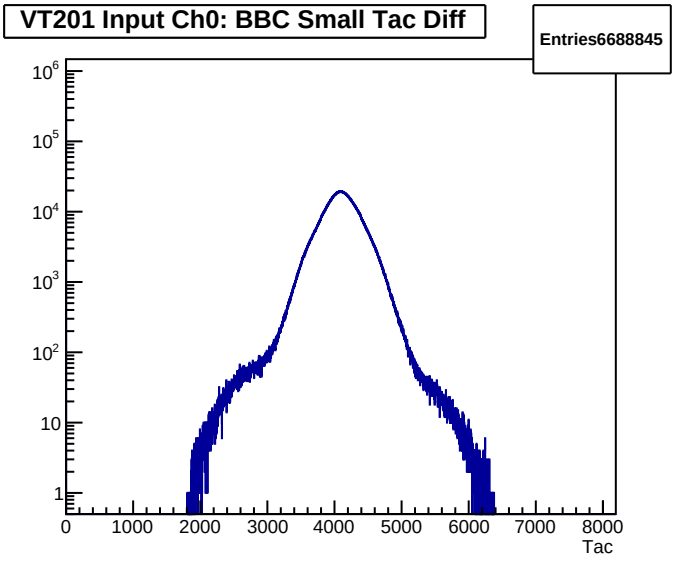

zdcEastTacVsSimu
Entries 1252697
Data
Simu

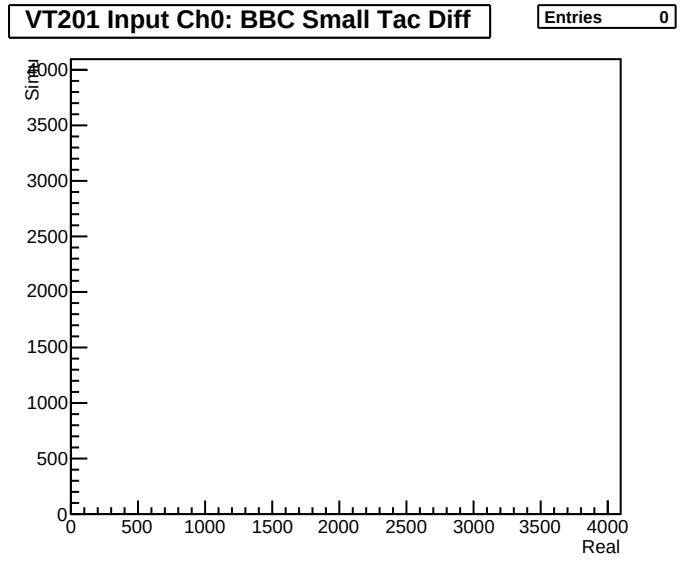

zdcWestTac
Entries6688845

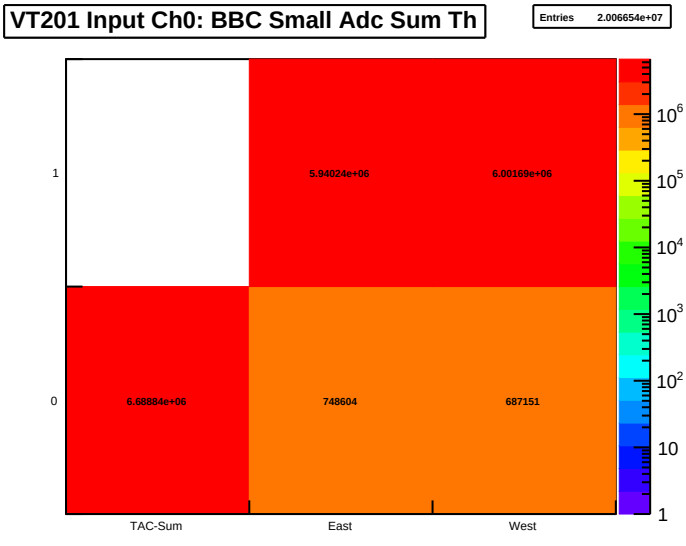

zdcWestTacVsSimu
Entries 895919
Data
Simu

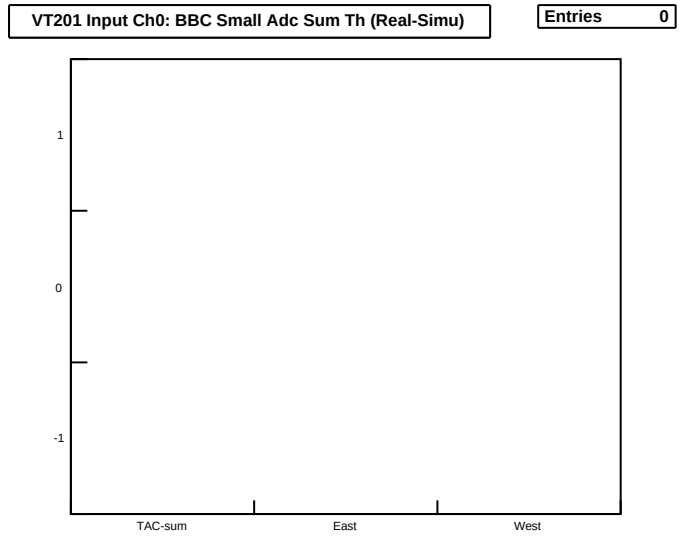

zdcAdcSum
Entries 8.026614e+07
976
352
820911
330963
1.18482e+06
1025
189
1.05704e+06
425377
1.53167e+06
6.68787e+06
6.68849e+06
6.68884e+06
5.86793e+06
6.35788e+06
5.50403e+06
6.68782e+06
6.68866e+06
6.68884e+06
5.63181e+06
6.26347e+06
5.15718e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

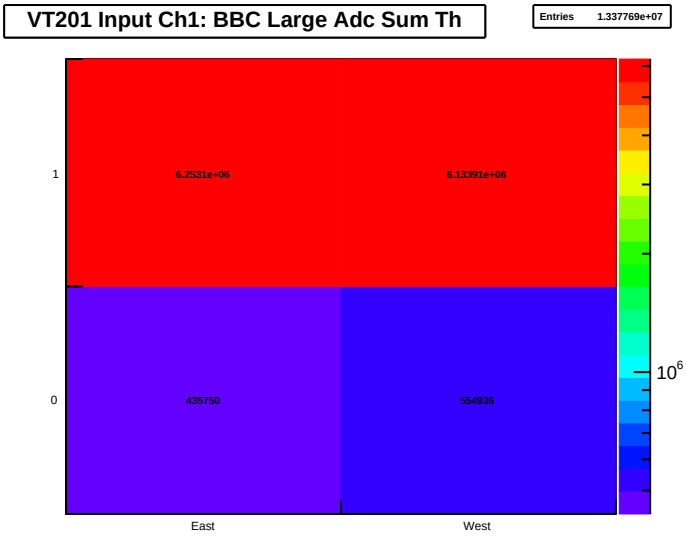

zdcAdcSumDiff
Entries 9481817
695
236
568352
227910
825287
784
143
809711
328533
1.16993e+06
559208
559373
559489
306930
370980
120602
610748
610943
610989
363665
568050
303157
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

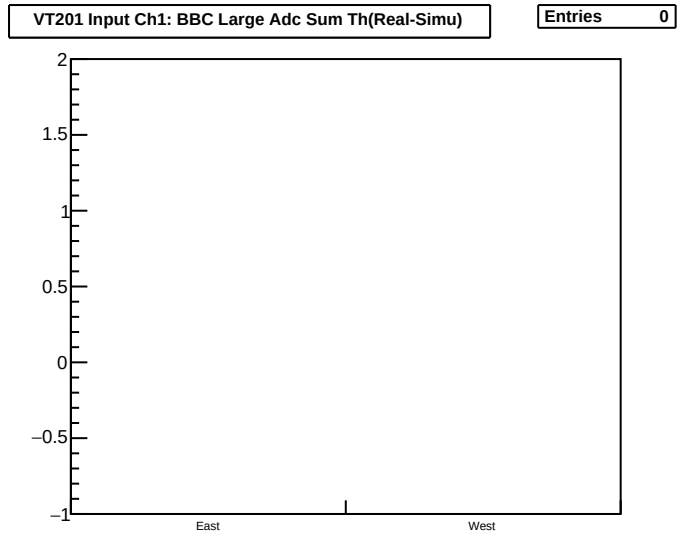

VT201 Input Ch0: BBC Small Tac Diff
Entries6688845
Tac


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

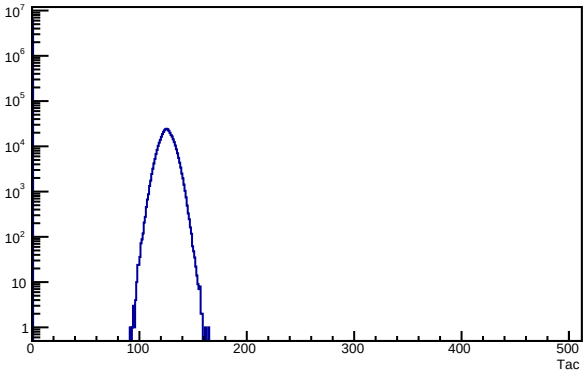

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.006654e+07
5.94024e+06
6.00169e+06
6.68884e+06
748604
687151
TAC-Sum
East
West


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

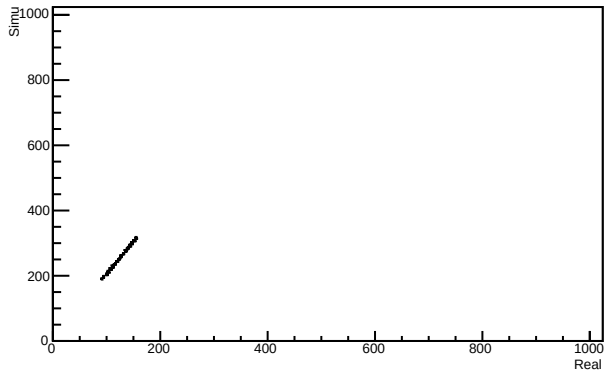

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.337769e+07
6.2531e+06
6.13391e+06
435750
554936
East
West


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

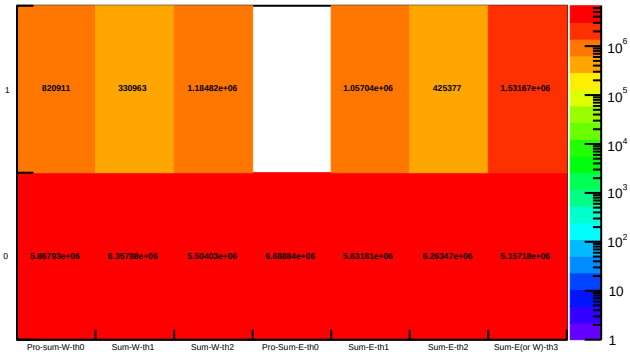
VT201 Input Ch2: ZDC Tac Diff



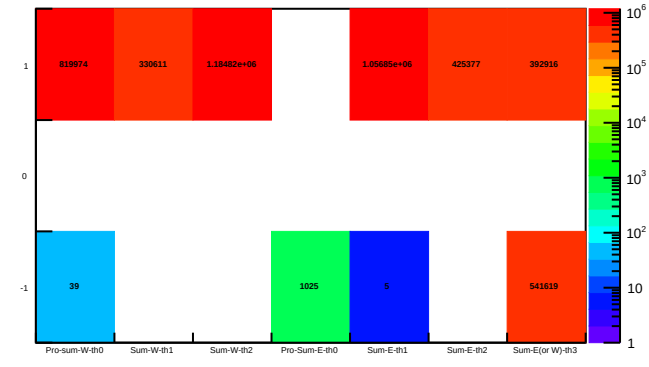
VT201 Input Ch2: ZDC Tac Diff



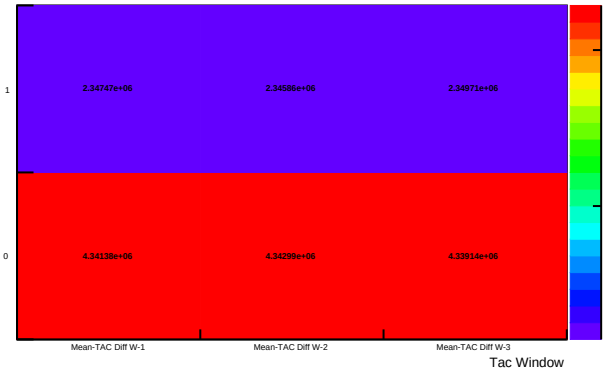
VT201 Input Ch2: ZDC Adc Sum Th



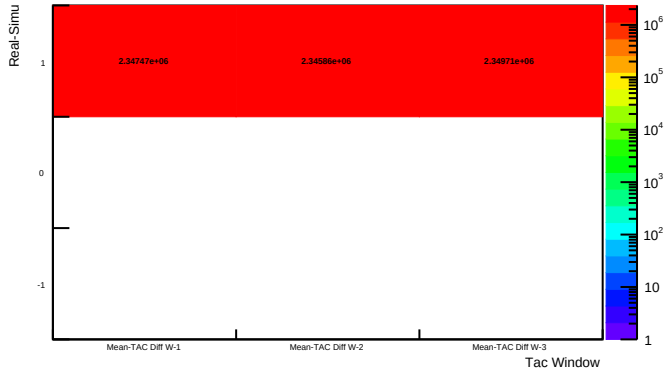
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



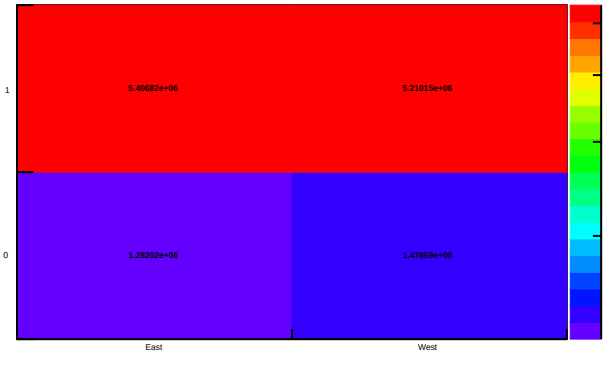
VT201 Input Ch4: VPD Tac Diff



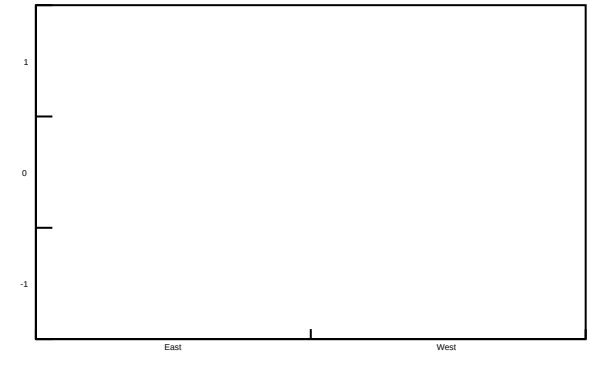
VT201 Input Ch4: VPD Tac Diff

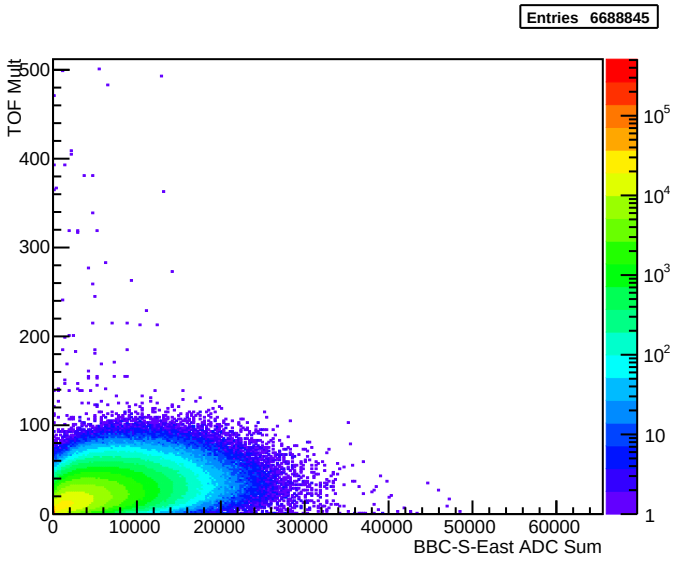


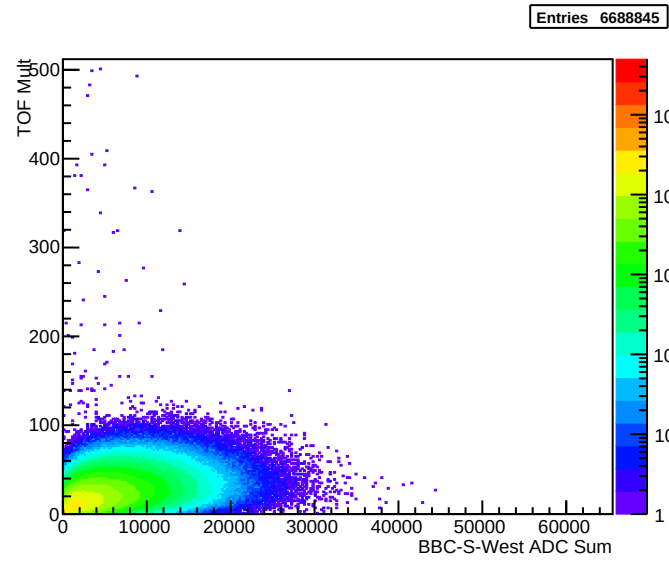
VT201 Input Ch4: VPD Adc Sum Th

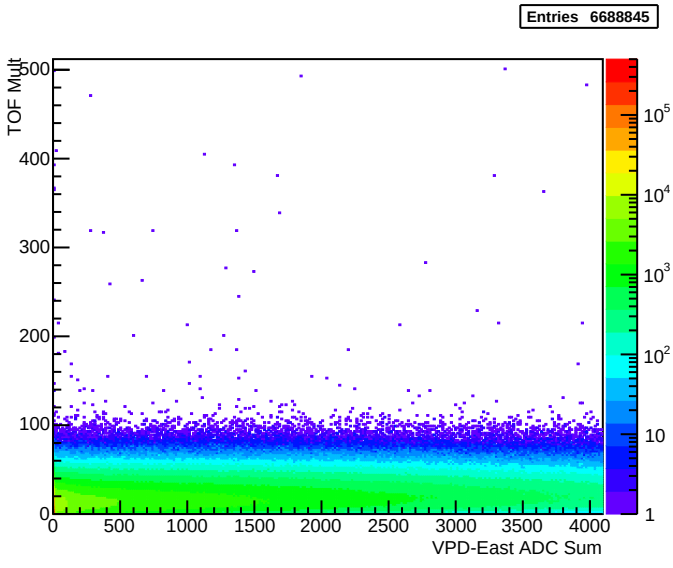


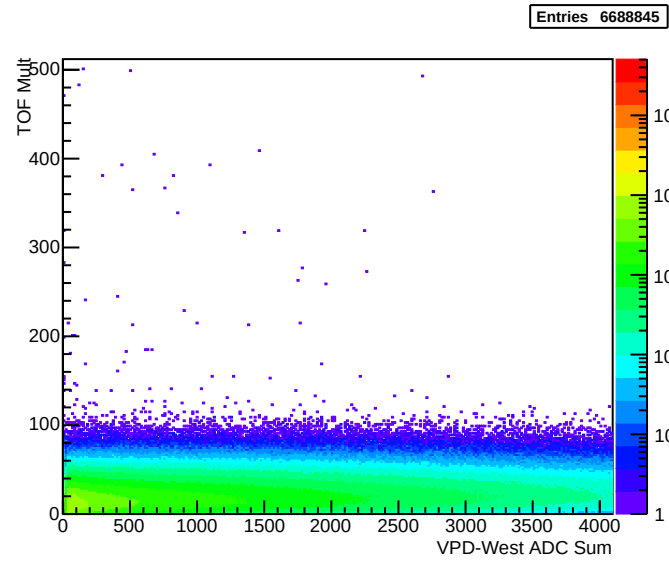
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

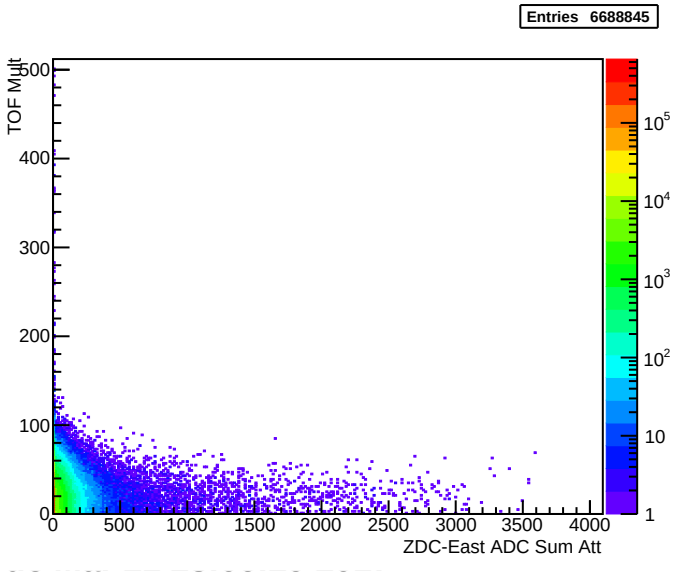


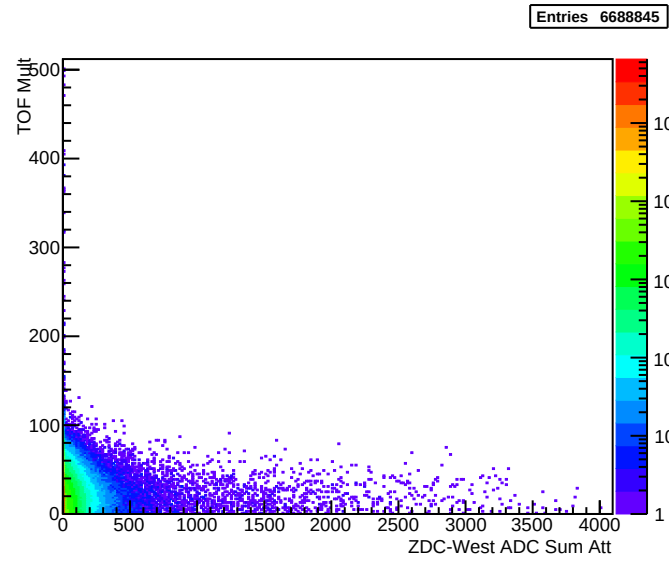

Entries 6688845
TOF Mult
BBC-S-East ADC Sum

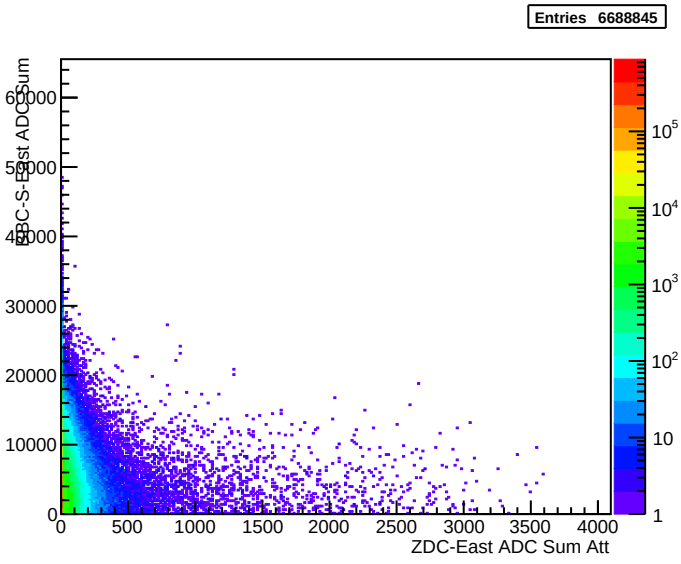

Entries 6688845
TOF Mult
BBC-S-West ADC Sum

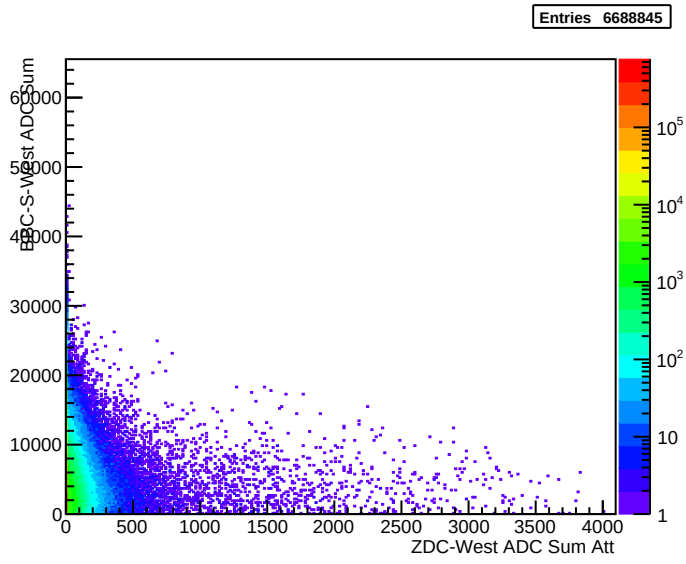

Entries 6688845
TOF Mult
VPD-East ADC Sum

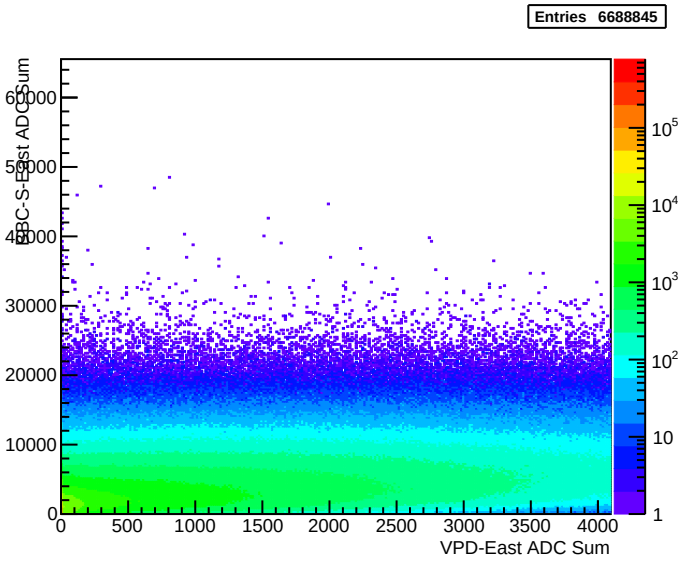

Entries 6688845
TOF Mult
VPD-West ADC Sum

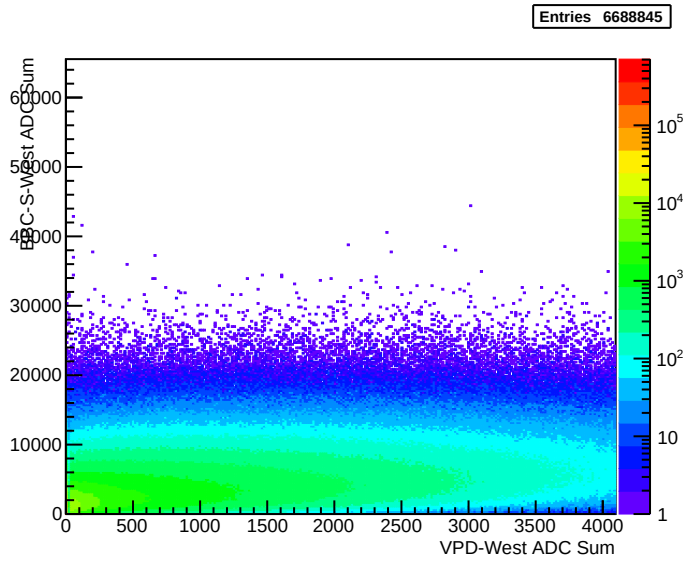

Entries 6688845
TOF Mult
ZDC-East ADC Sum Att

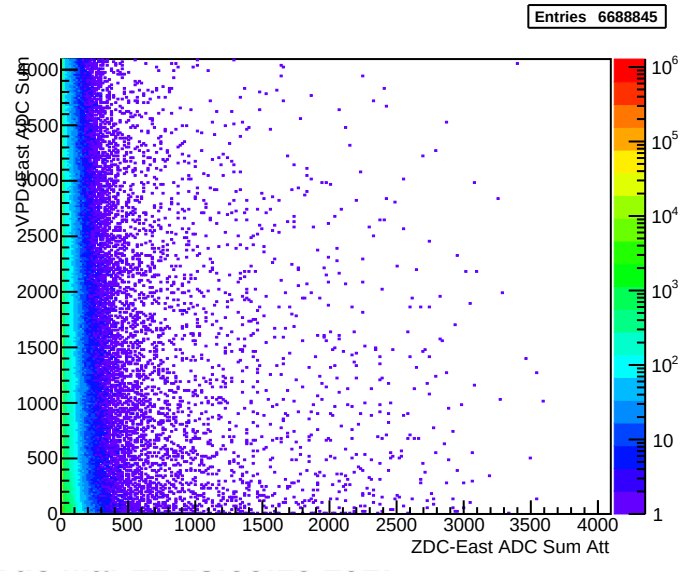

Entries 6688845
TOF Mult
ZDC-West ADC Sum Att

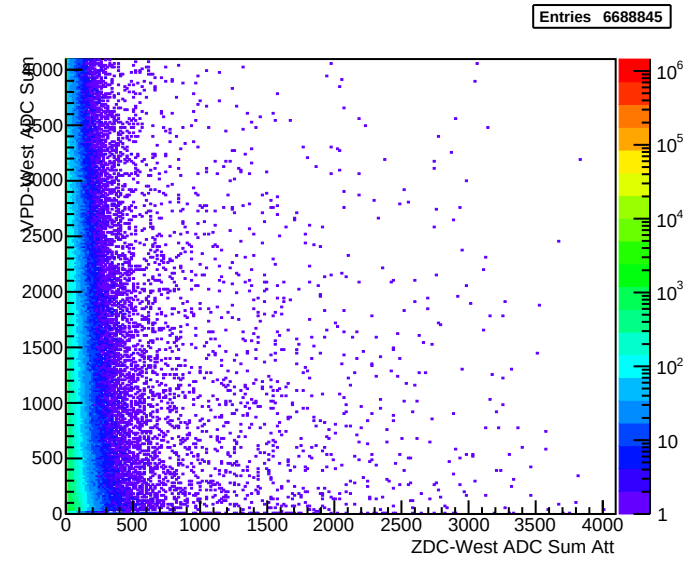

Entries 6688845
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

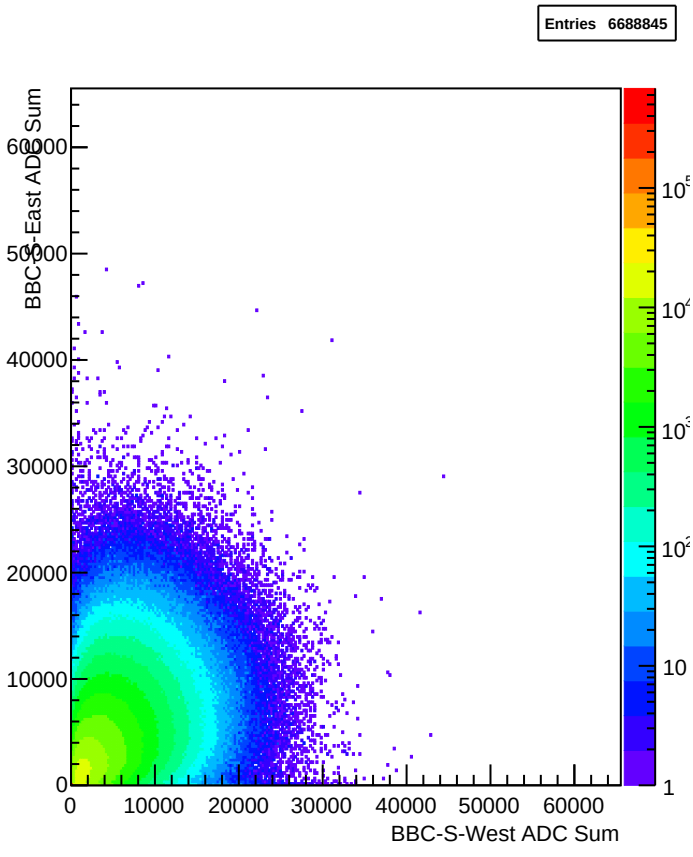

Entries 6688845
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

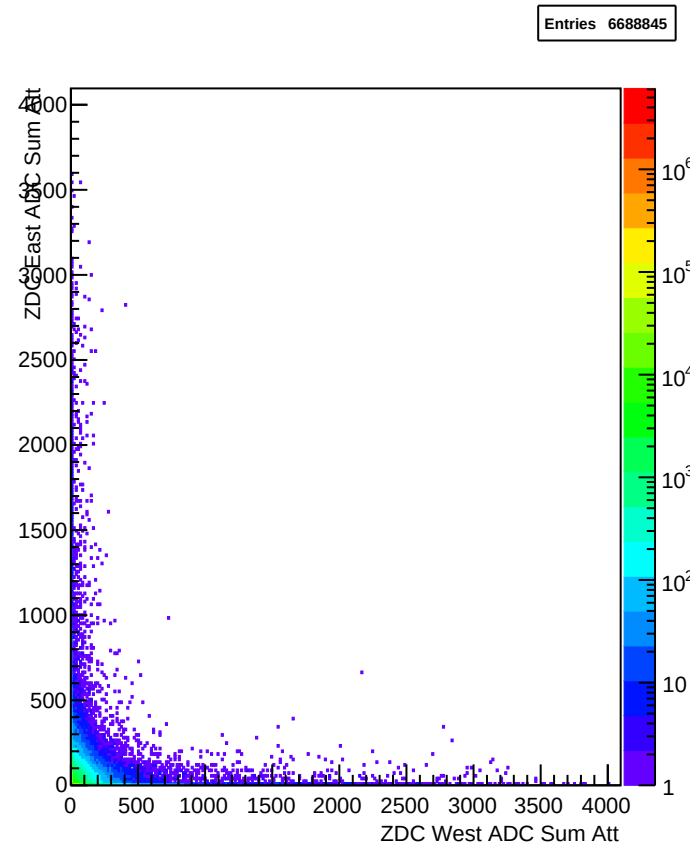

Entries 6688845
BBC-S-East ADC Sum
VPD-East ADC Sum

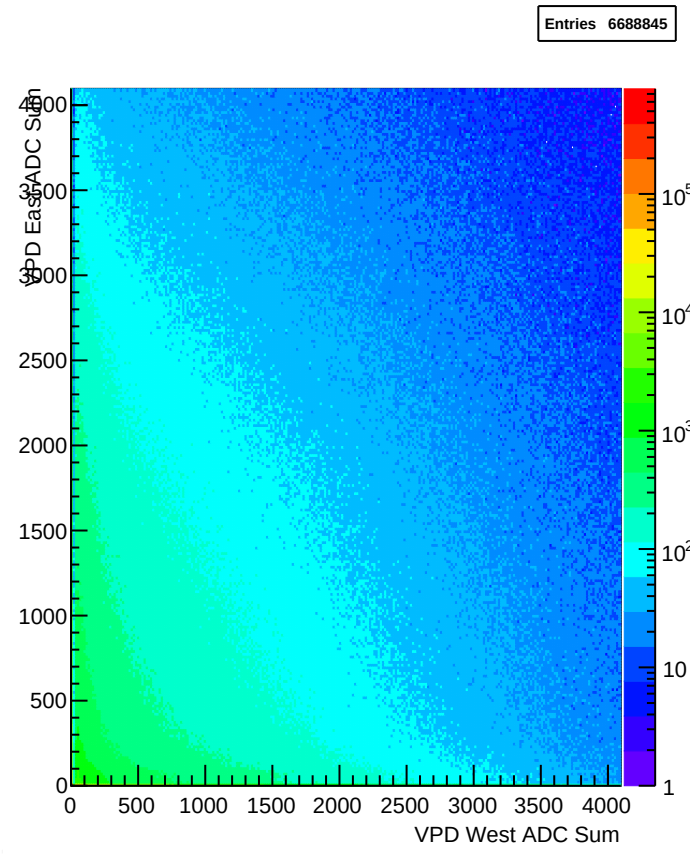

Entries 6688845
BBC-S-West ADC Sum
VPD-West ADC Sum

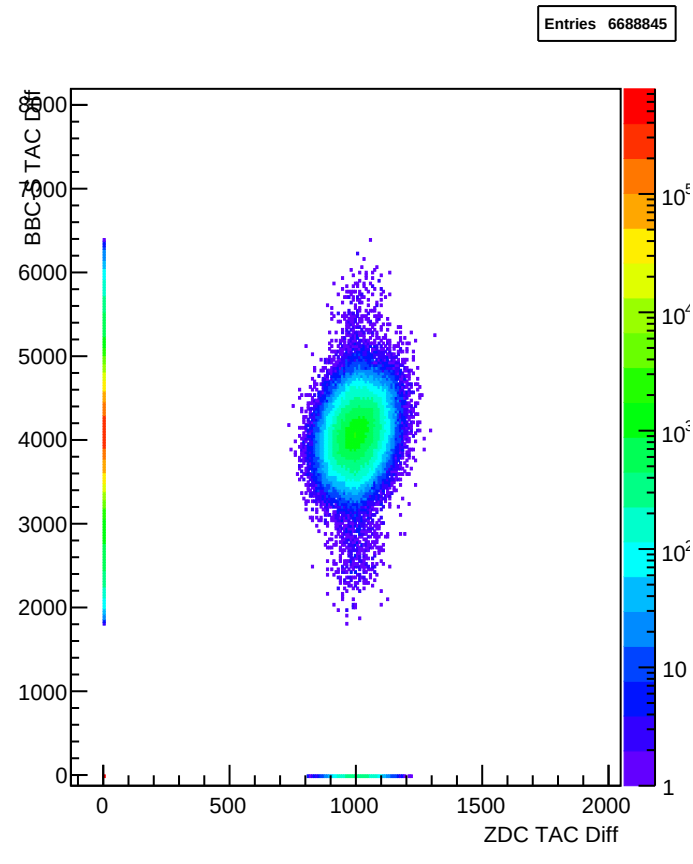

Entries 6688845
VPD-East ADC Sum
ZDC-East ADC Sum Att

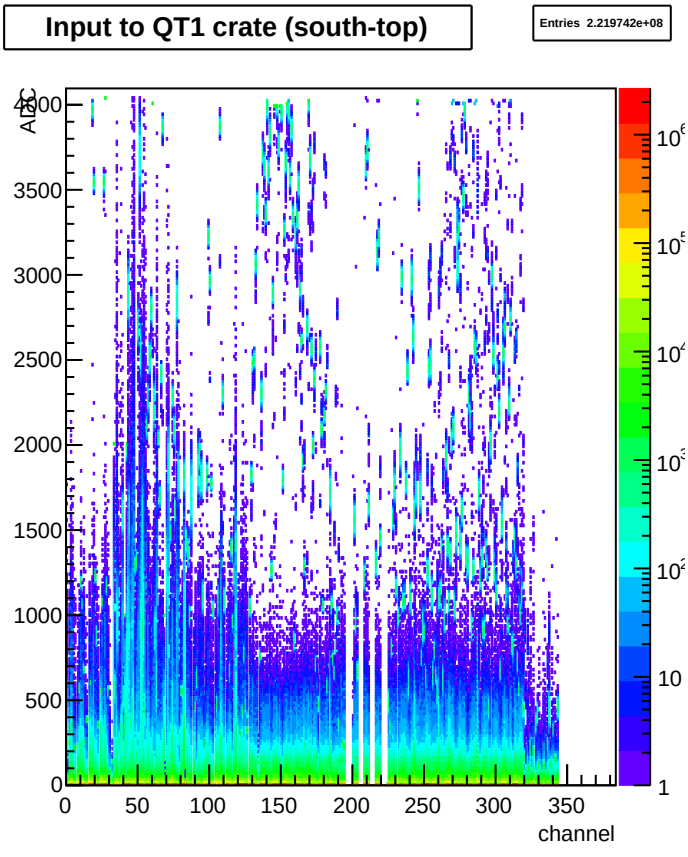

Entries 6688845
VPD-West ADC Sum
ZDC-West ADC Sum Att

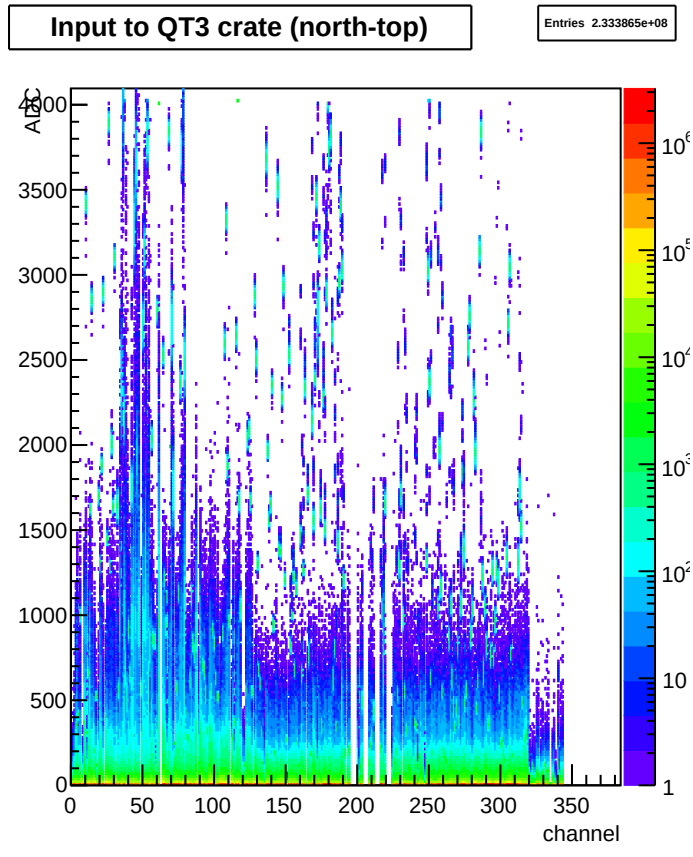

Entries 6688845
BBC-S-East ADC Sum
BBC-S-West ADC Sum

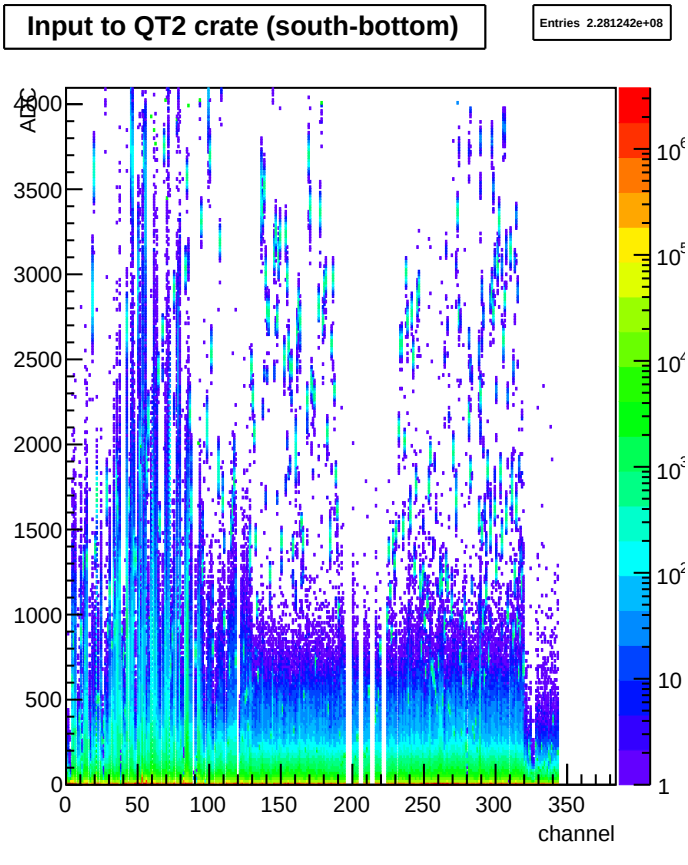

Entries 6688845
ZDC East ADC Sum Att
ZDC West ADC Sum Att

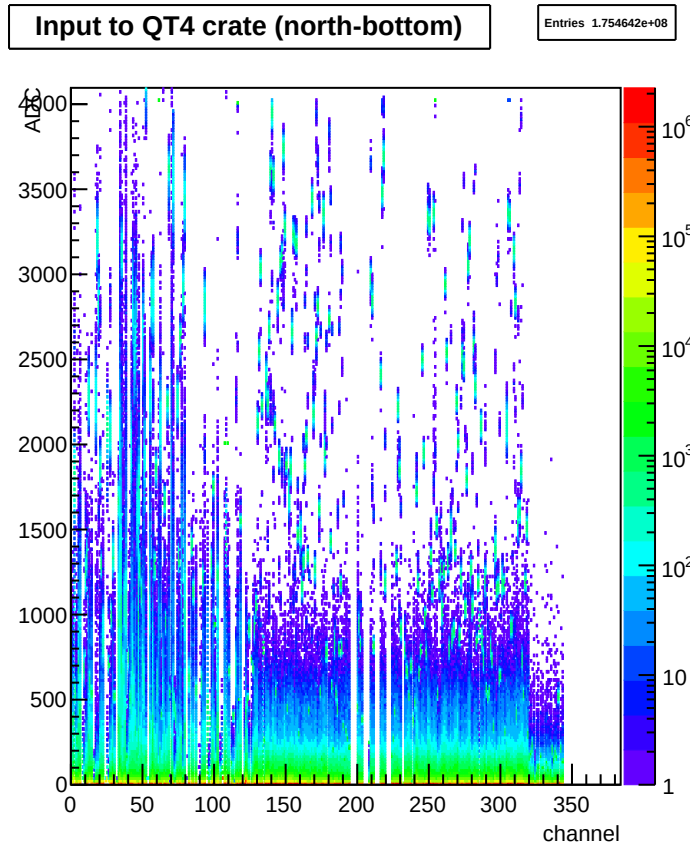

Entries 6688845
VPD East ADC Sum
VPD West ADC Sum

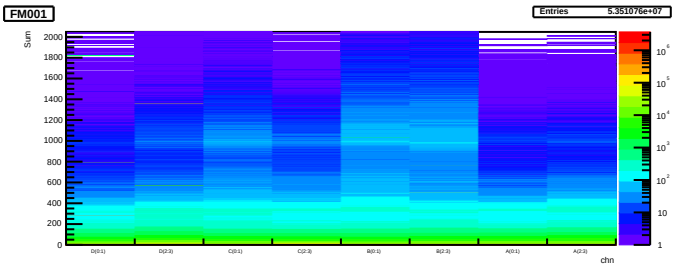

Entries 6688845
BBC-S TAC Diff
ZDC TAC Diff

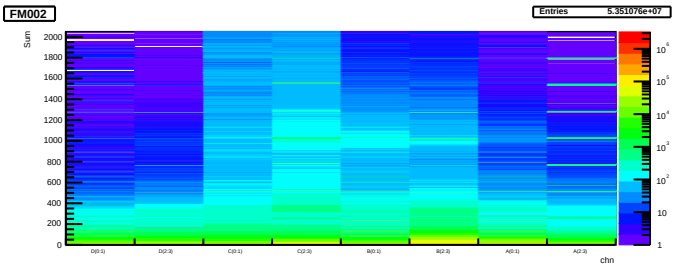

Input to QT1 crate (south-top)
Entries 2.219742e+08
ADC
channel


Input to QT3 crate (north-top)
Entries 2.333865e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 2.281242e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.754642e+08
ADC
channel


FM001
Entries 5.351076e+07
Sum
chn


FM002
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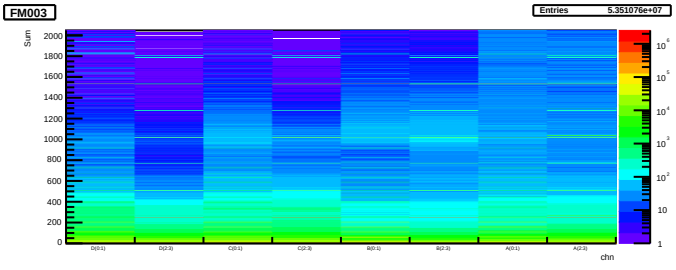
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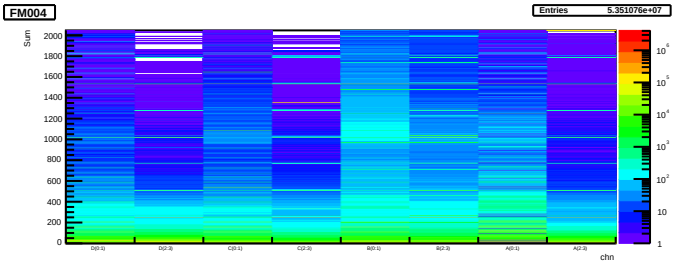
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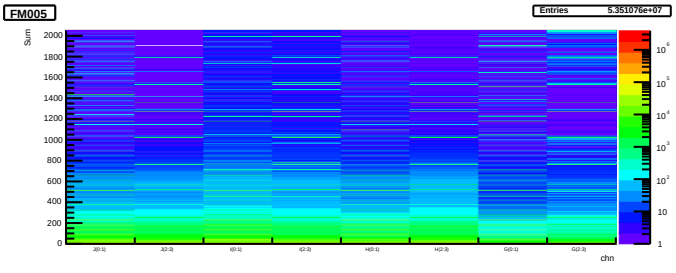
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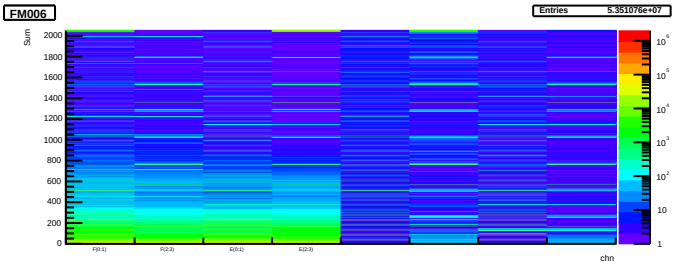
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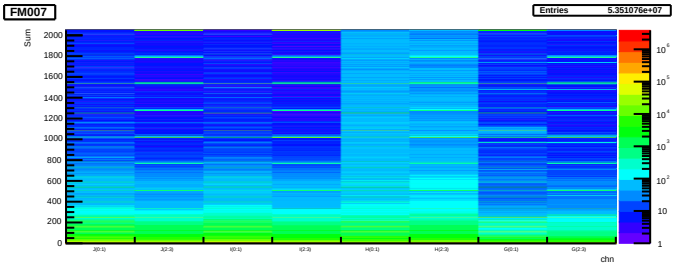
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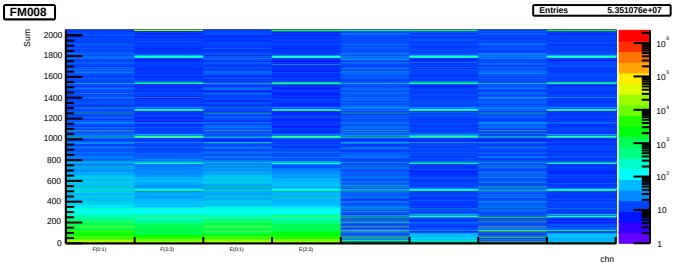
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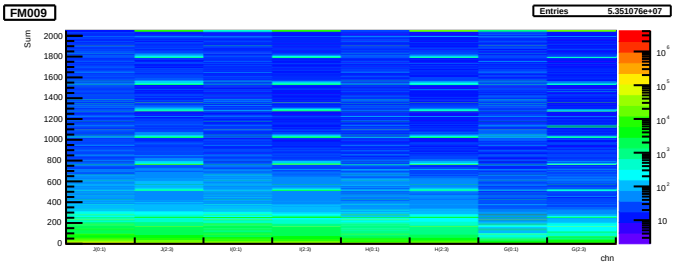
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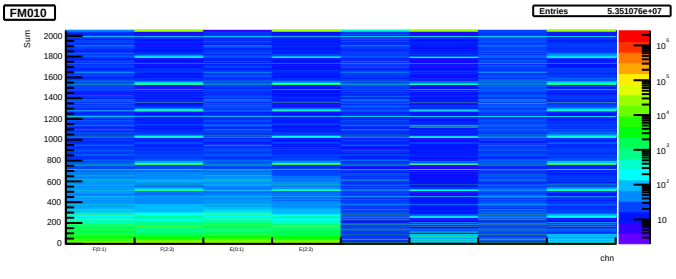
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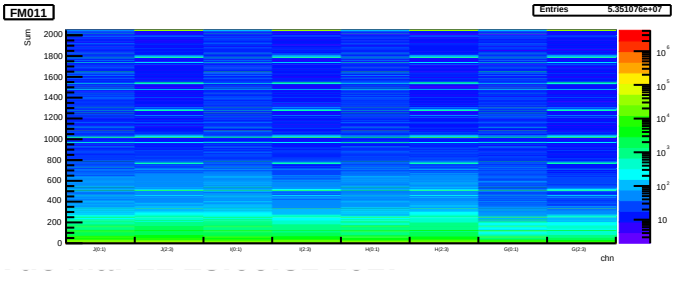
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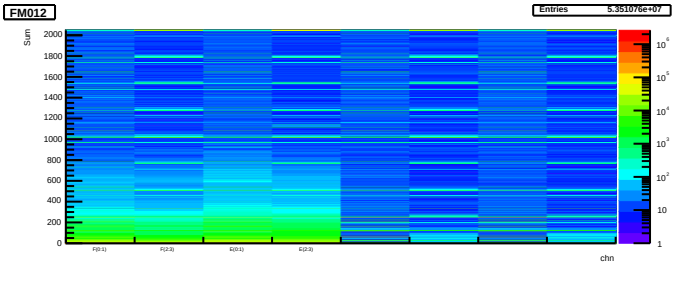
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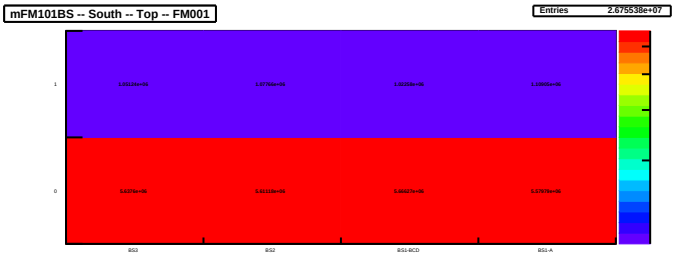
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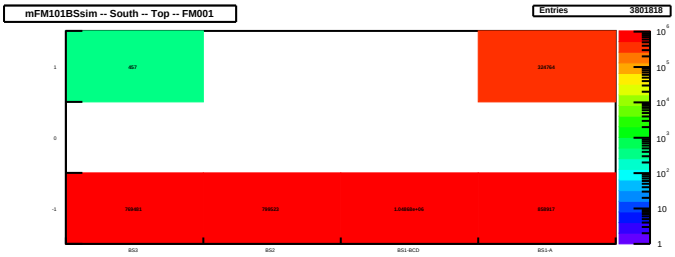
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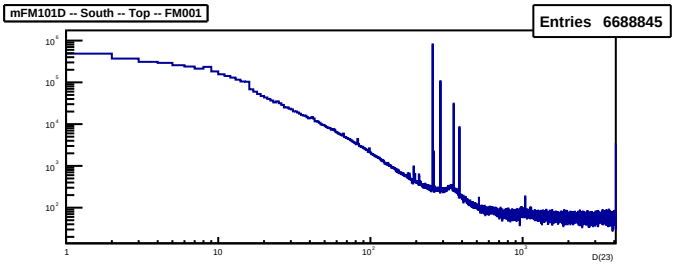
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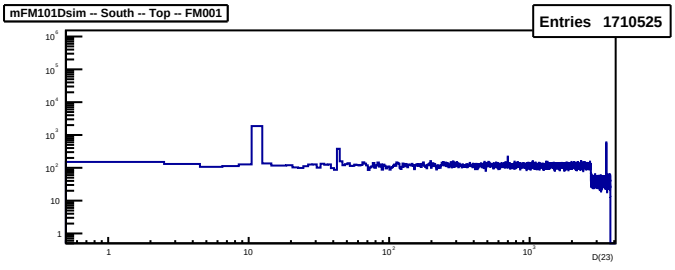
Entries 6688845
D(23)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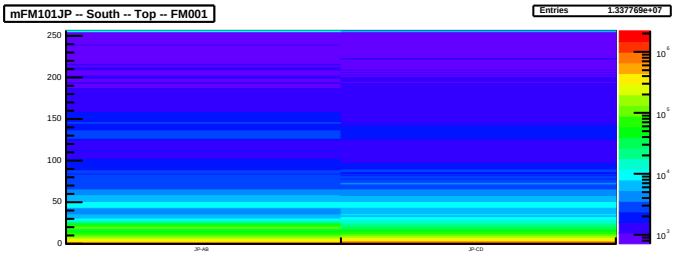
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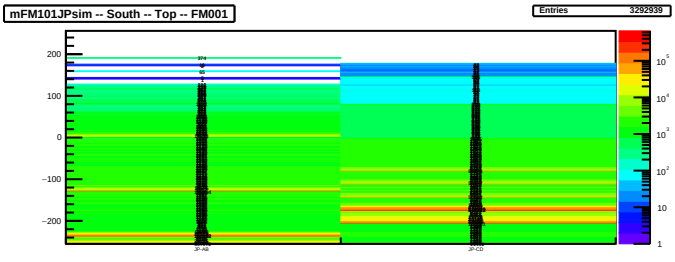
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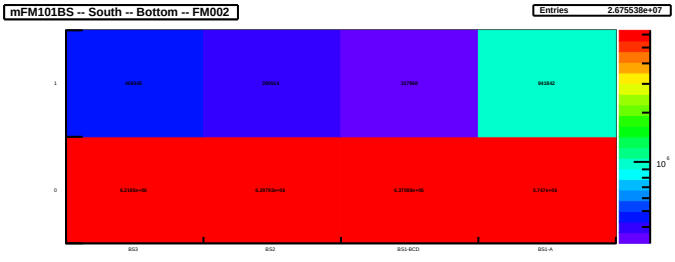
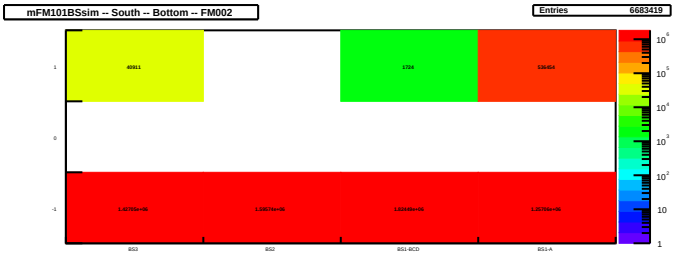

mFM101BS -- South -- Bottom -- FM002
Entries 2.675538e+07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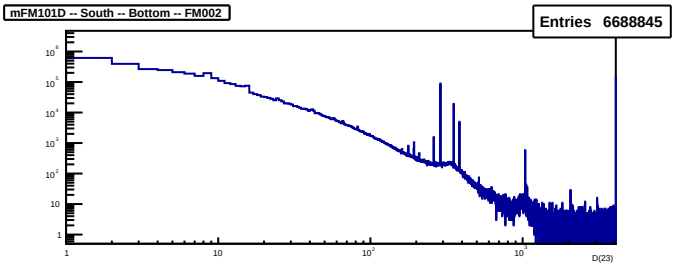
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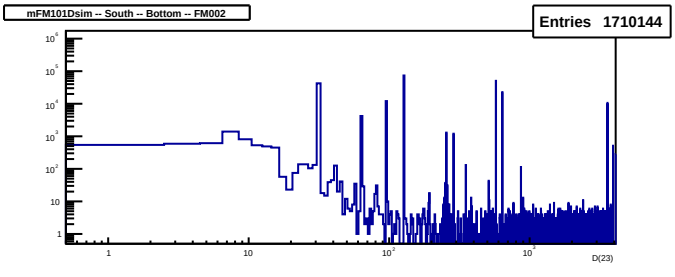
D(23)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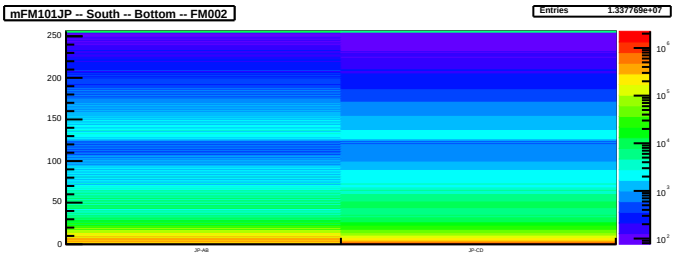
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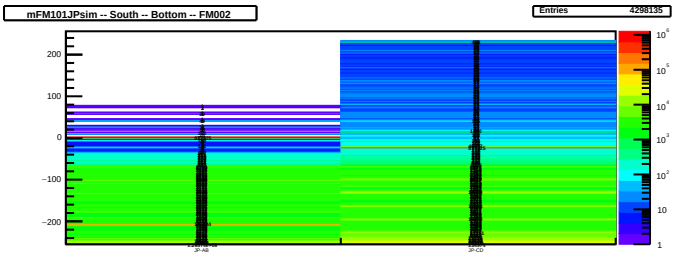
Entries 1.337769e+07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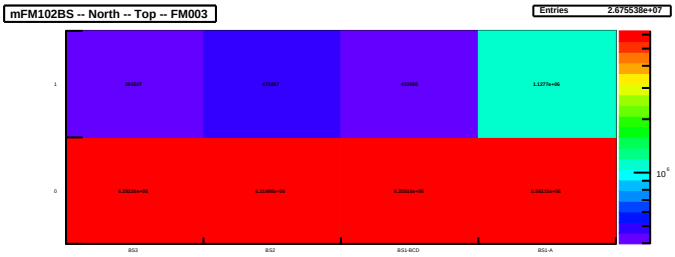
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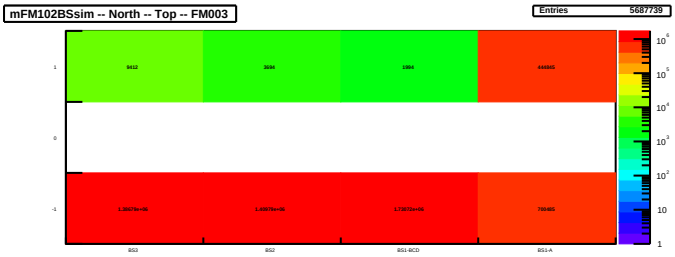
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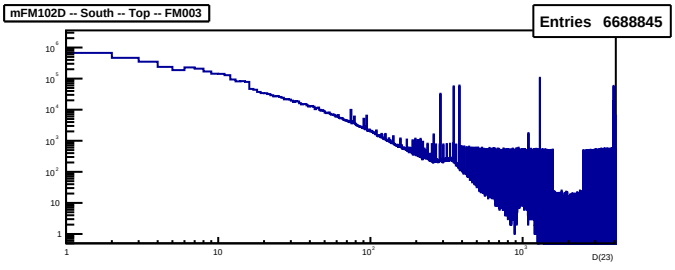
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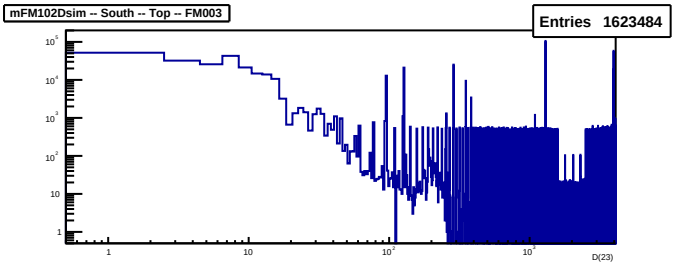
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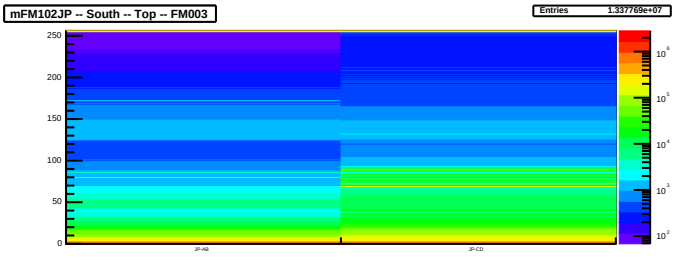
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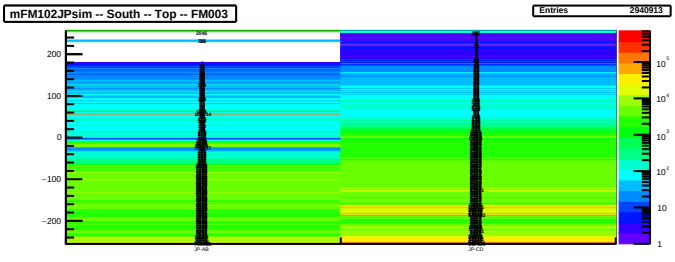
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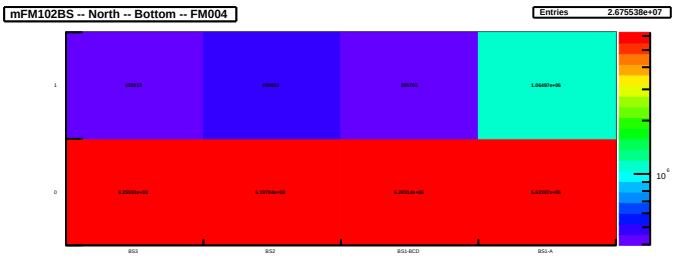
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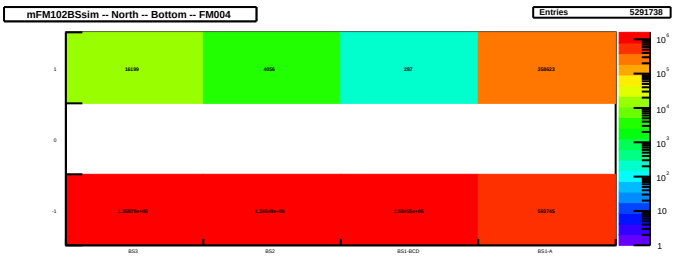
Entries 2.675538e+07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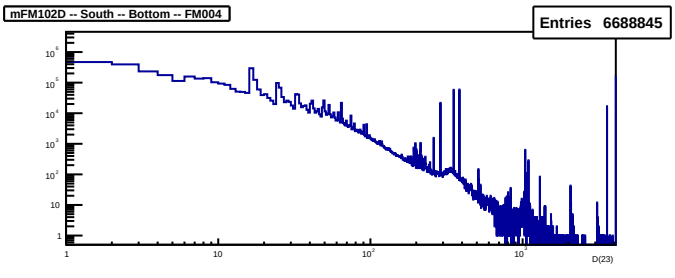
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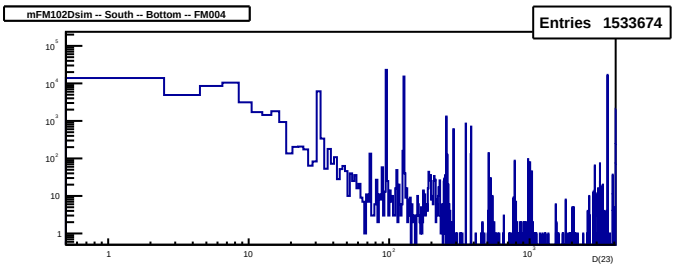
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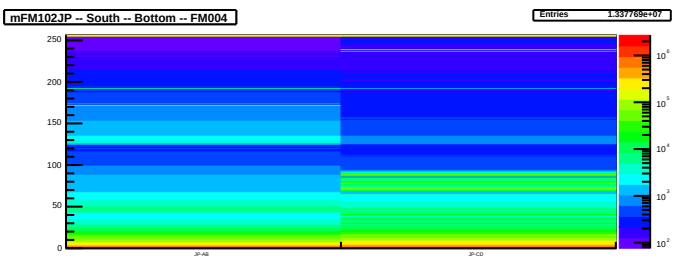
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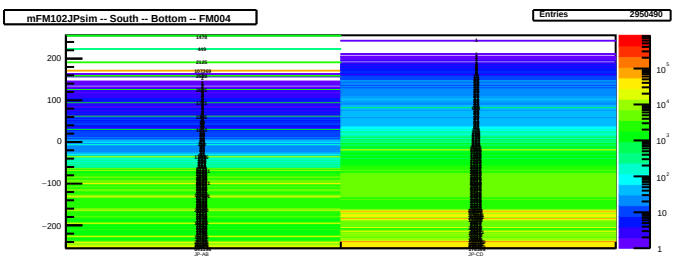
Entries 1.337769e+07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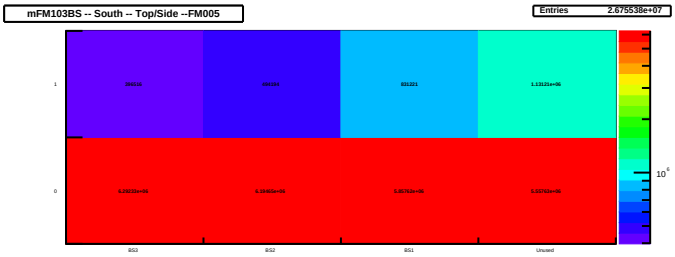
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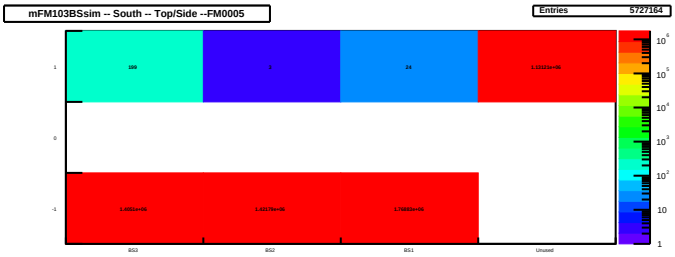
Entries 2.675538e+07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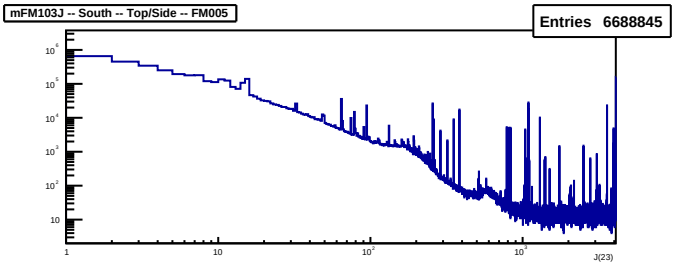
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Entries 6688845
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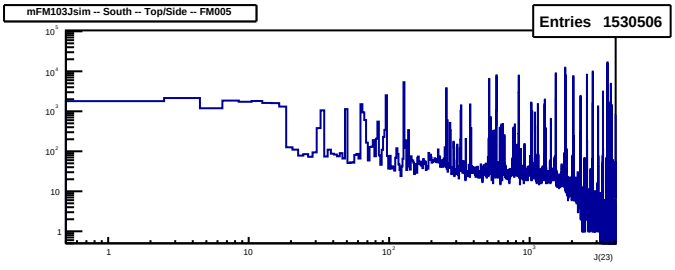
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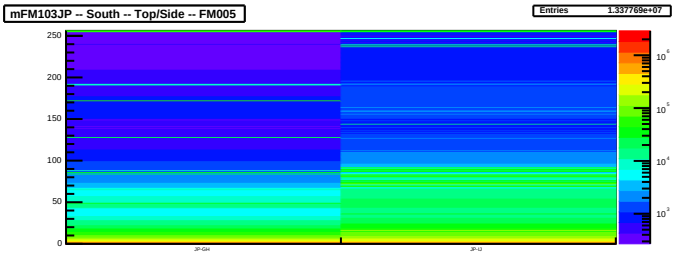
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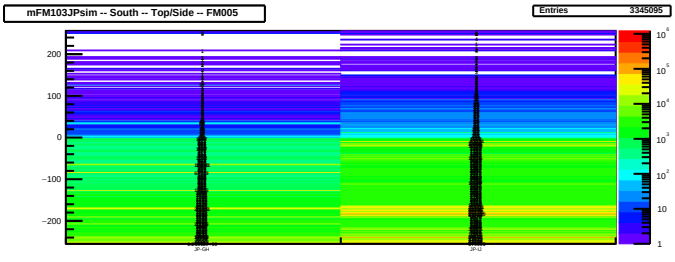
Entries 1.337769e+07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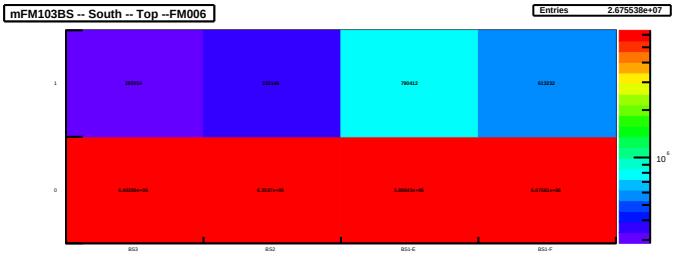
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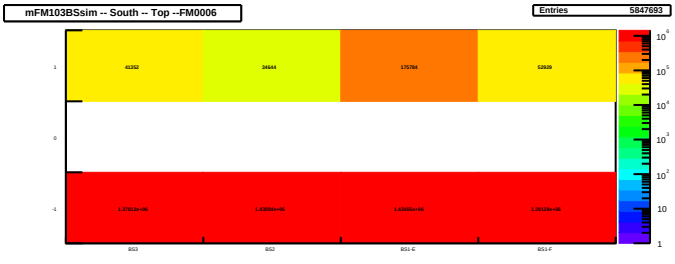
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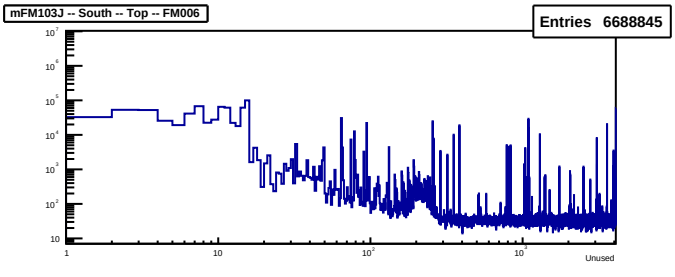
mFM103J -- South -- Top -- FM006
Entries 6688845
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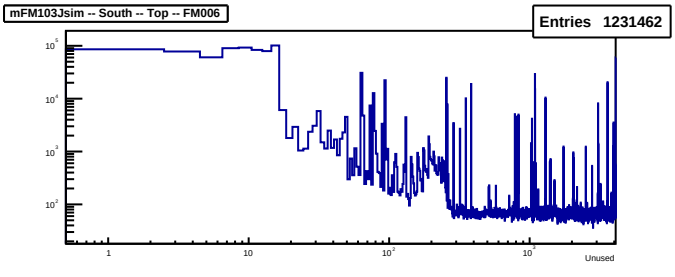
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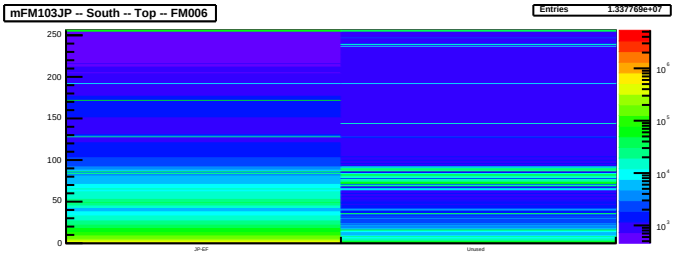
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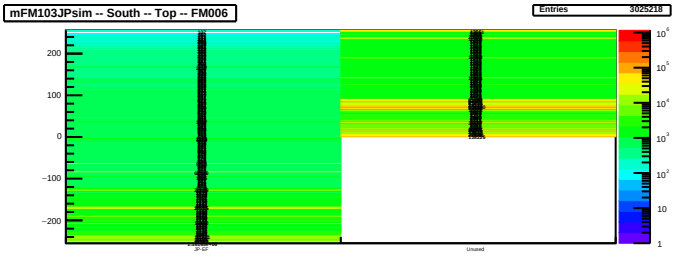
Entries 1.337769e+07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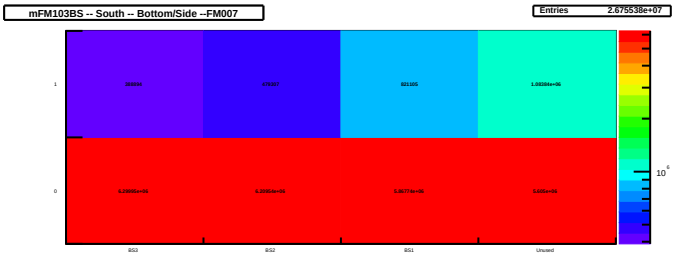
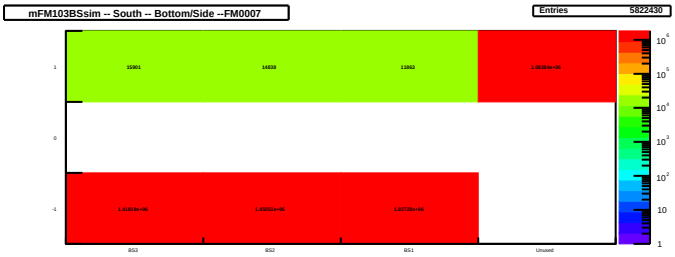

mFM103BS -- South -- Bottom/Side --FM007
Entries 2.675538e+07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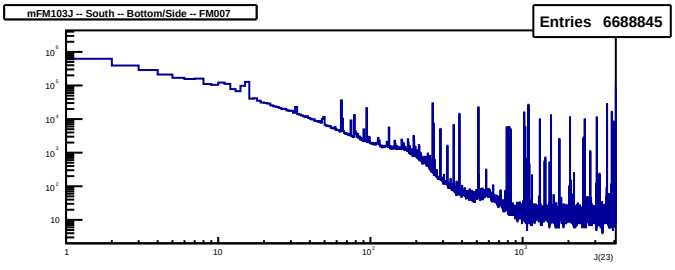
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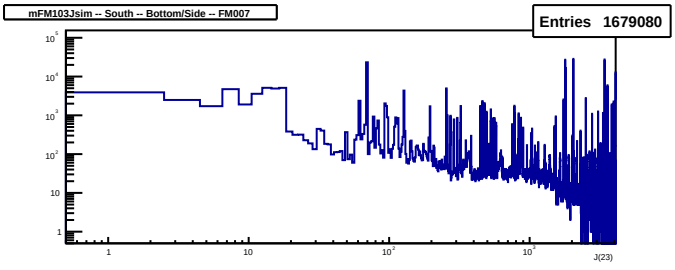
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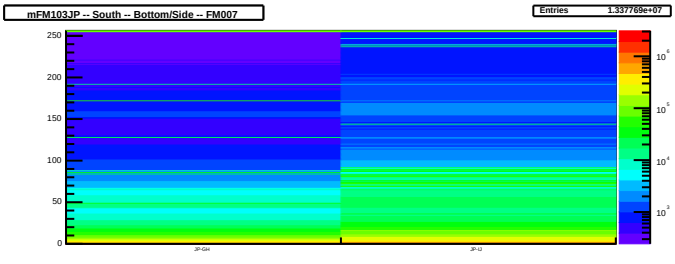
J(23)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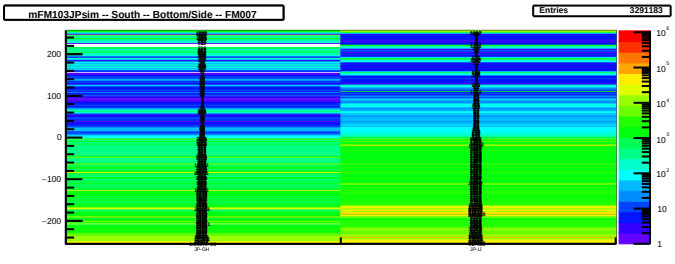
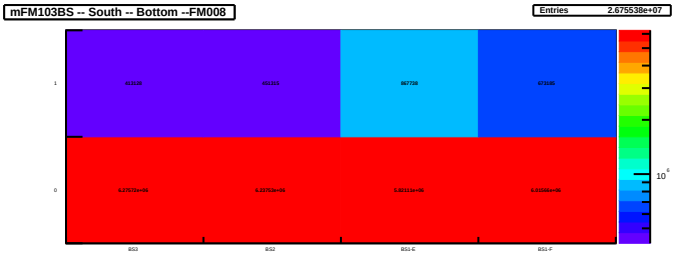
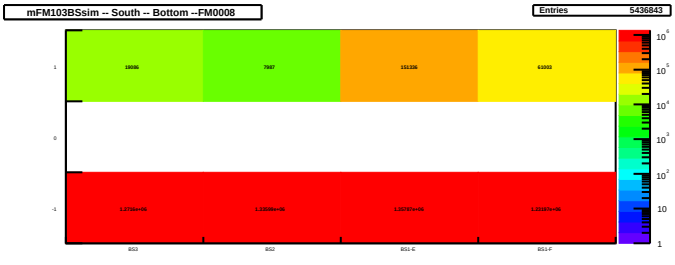
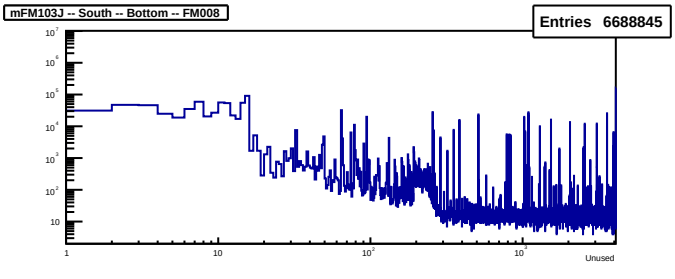
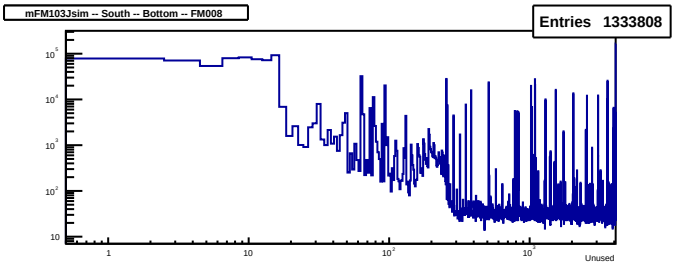
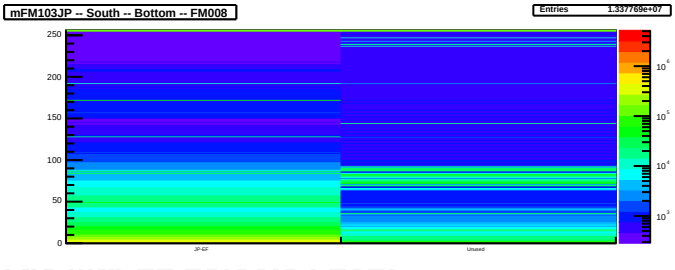

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 3291183

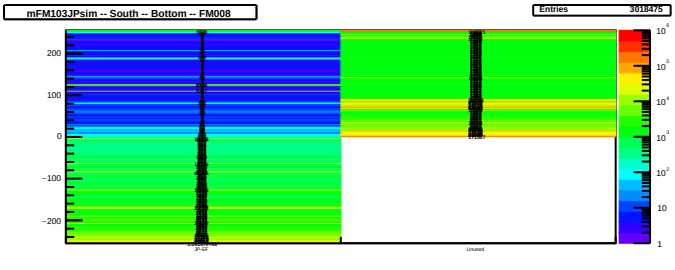

mFM103BS -- South -- Bottom --FM008
Entries 2.675538e+07

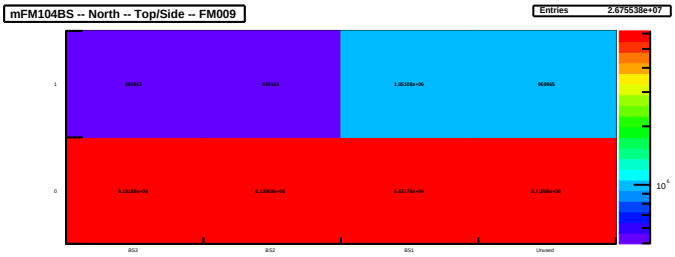

mFM103BSsim -- South -- Bottom --FM0008
Entries 5436843

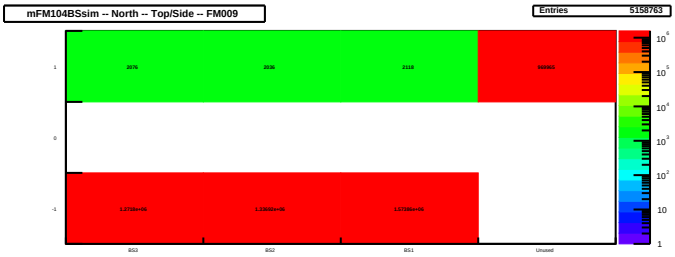

mFM103J -- South -- Bottom -- FM008
Entries 6688845
Unused

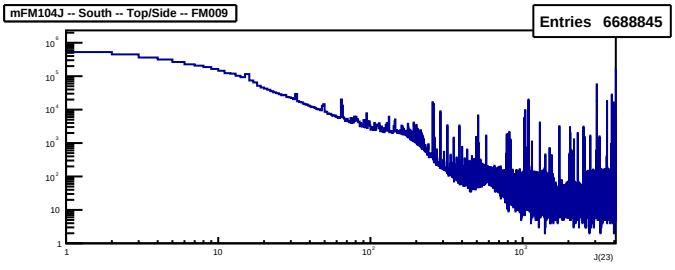

mFM103Jsim -- South -- Bottom -- FM008
Entries 1333808
Unused

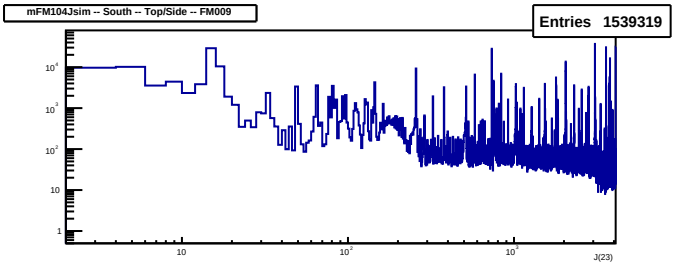

mFM103JP -- South -- Bottom -- FM008
Entries 1.337769e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3018475


mFM104BS -- North -- Top/Side -- FM009
Entries 2.675538e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5158763


mFM104J -- South -- Top/Side -- FM009
Entries 6688845
J(23)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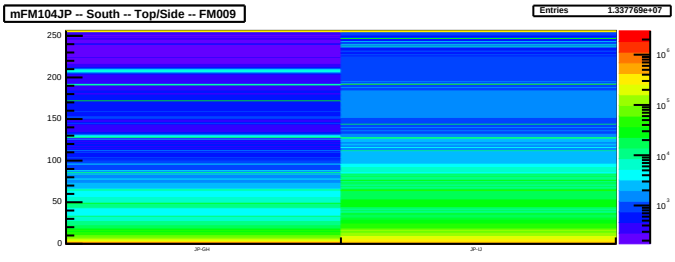
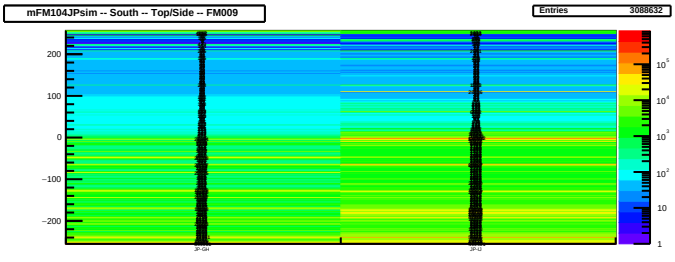
Entries 1539319
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.337769e+07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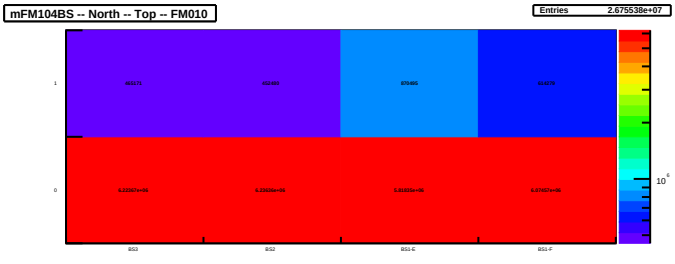
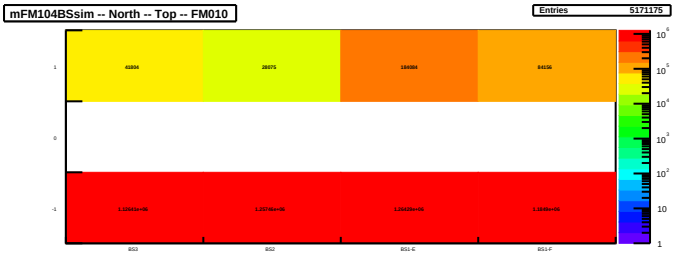
Entries 3088632


mFM104BS -- North -- Top -- FM010
Entries 2.675538e+07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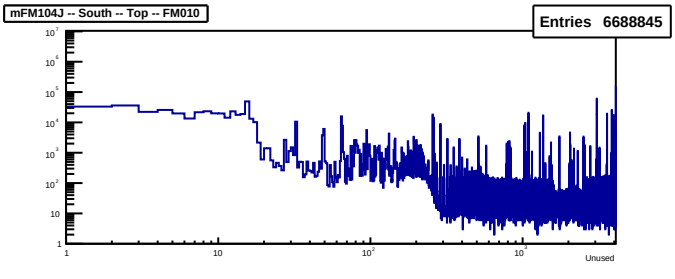
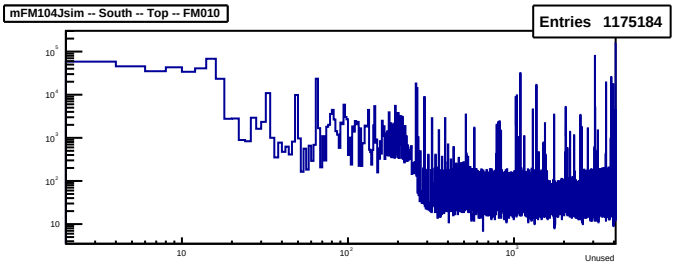
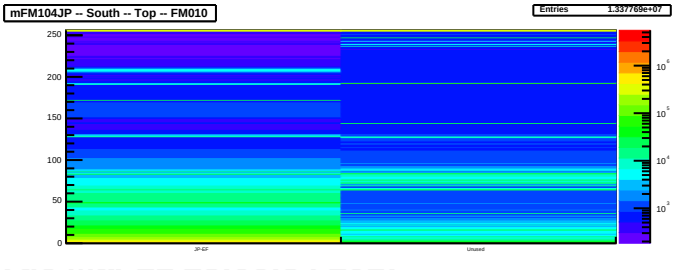
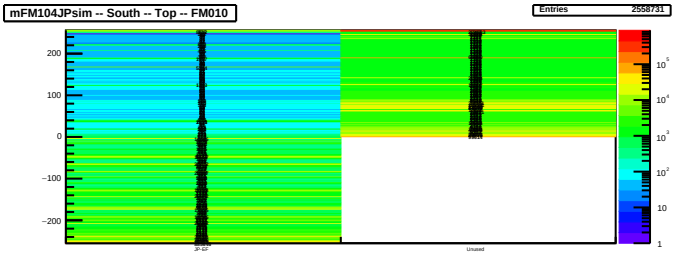
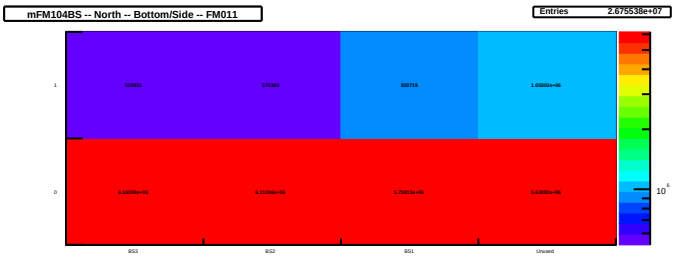
Entries 5171175

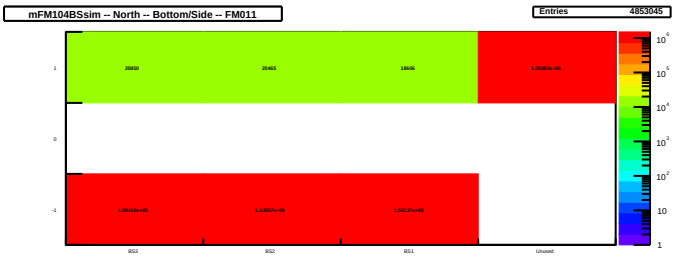

mFM104J -- South -- Top -- FM010
Entries 6688845
Unused

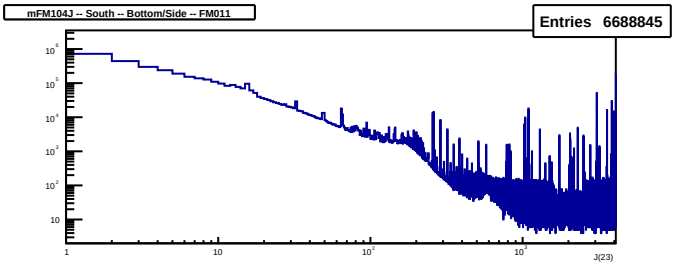

mFM104Jsim -- South -- Top -- FM010
Entries 1175184
Unused

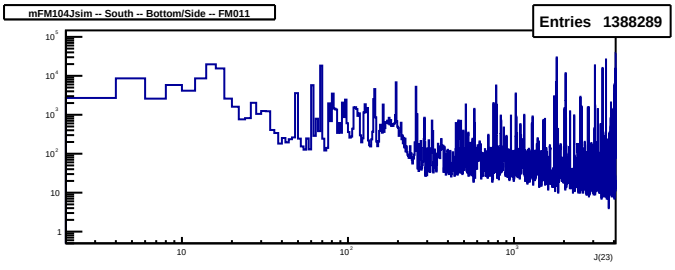

mFM104JP -- South -- Top -- FM010
Entries 1.337769e+07

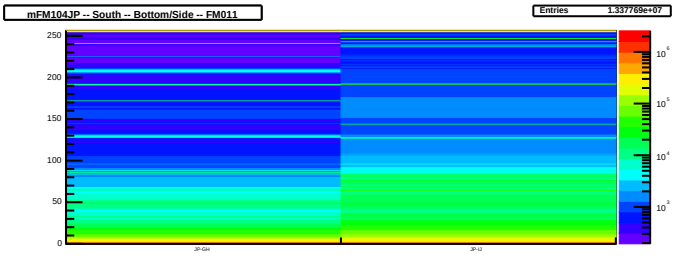

mFM104JPsim -- South -- Top -- FM010
Entries 2558731

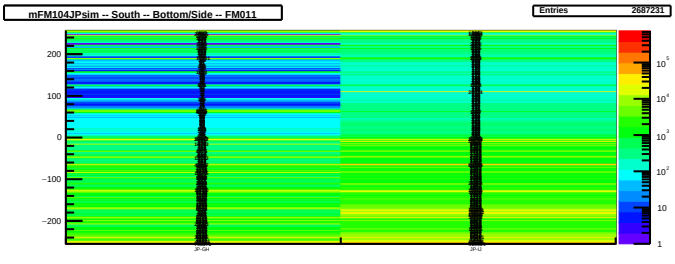

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.675538e+07

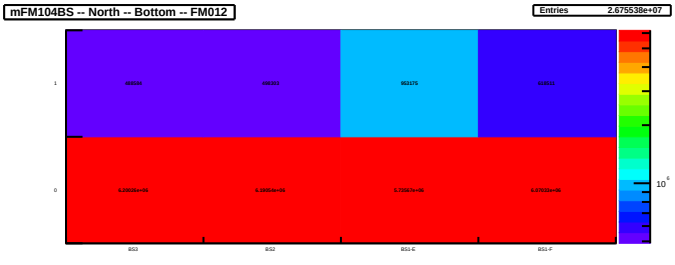

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4853045

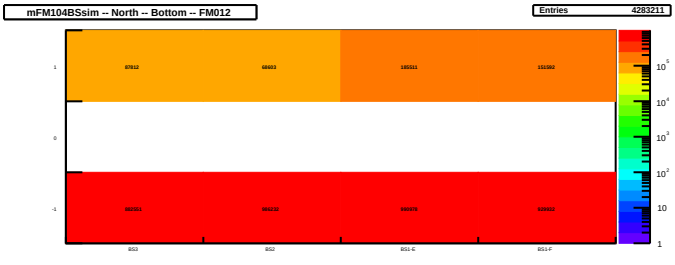

mFM104J -- South -- Bottom/Side -- FM011
Entries 6688845
J(23)

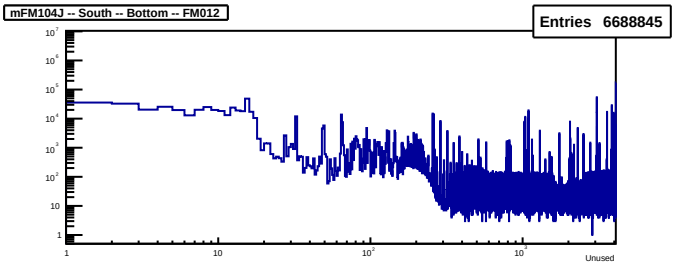

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1388289
J(23)

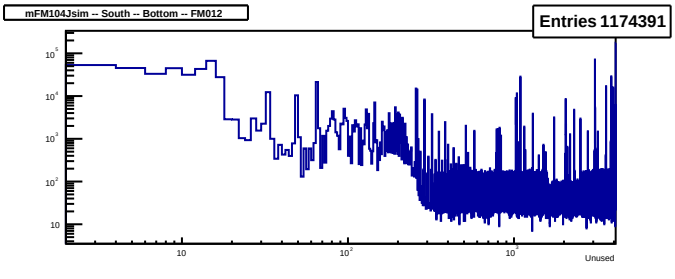

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.337769e+07

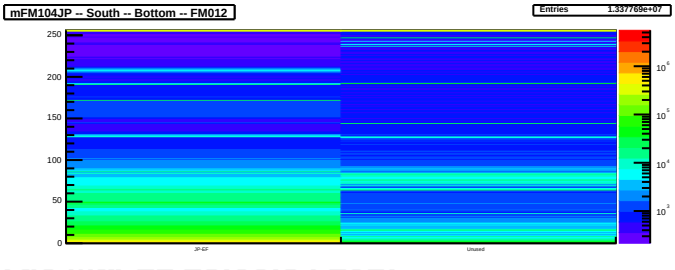

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2687231

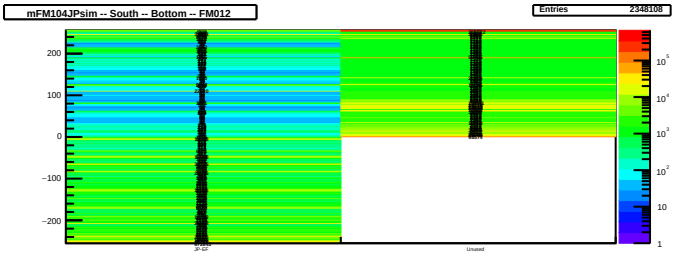

mFM104BS -- North -- Bottom -- FM012
Entries 2.675538e+07

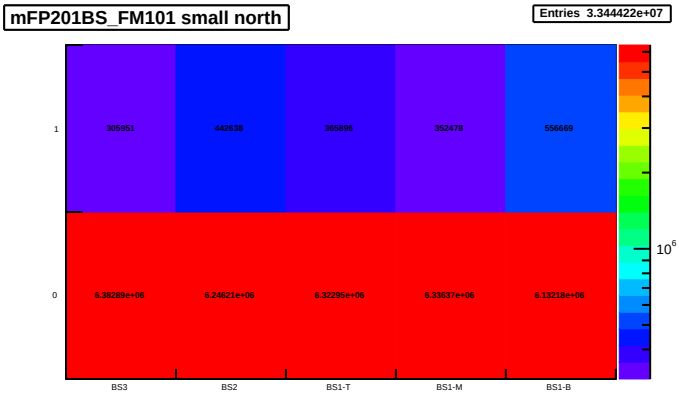

mFM104BSsim -- North -- Bottom -- FM012
Entries 4283211

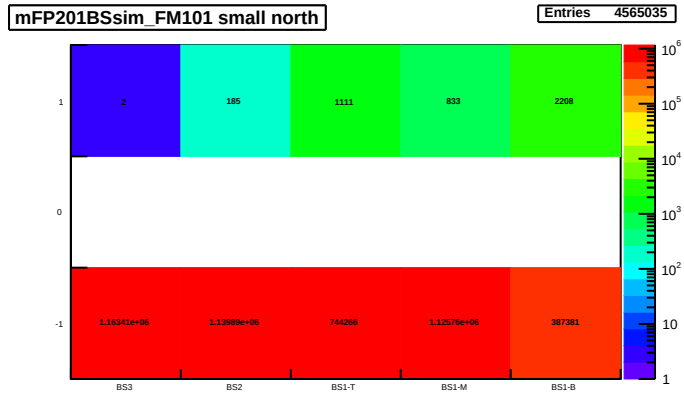

mFM104J -- South -- Bottom -- FM012
Entries 6688845
Unused

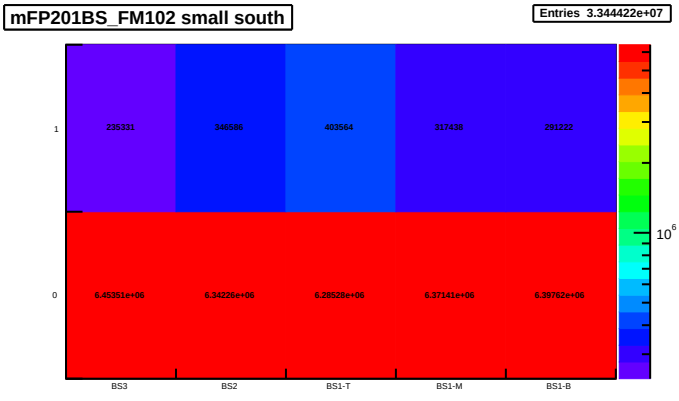

mFM104Jsim -- South -- Bottom -- FM012
Entries 1174391
Unused

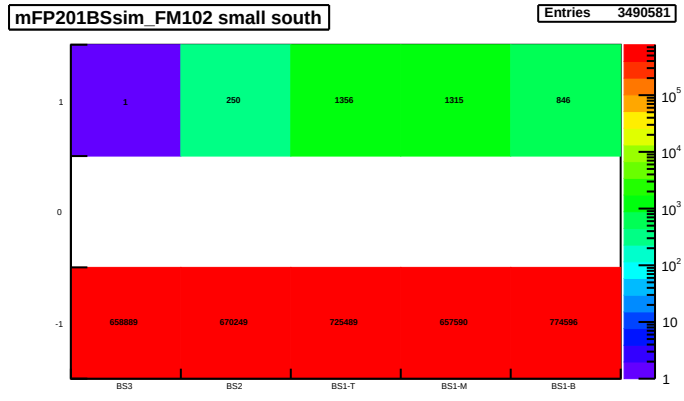

mFM104JP -- South -- Bottom -- FM012
Entries 1.337769e+07

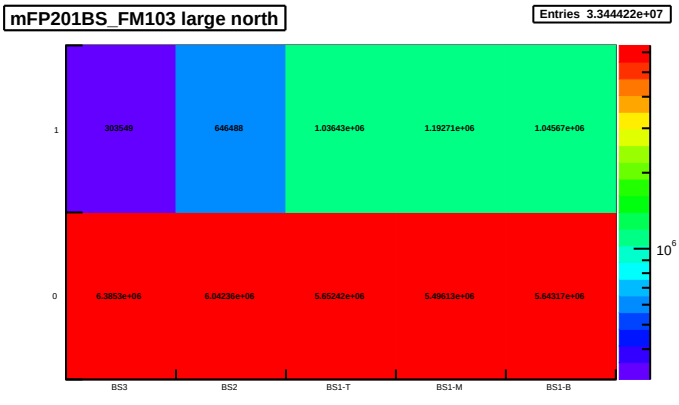

mFM104JPsim -- South -- Bottom -- FM012
Entries 2348108

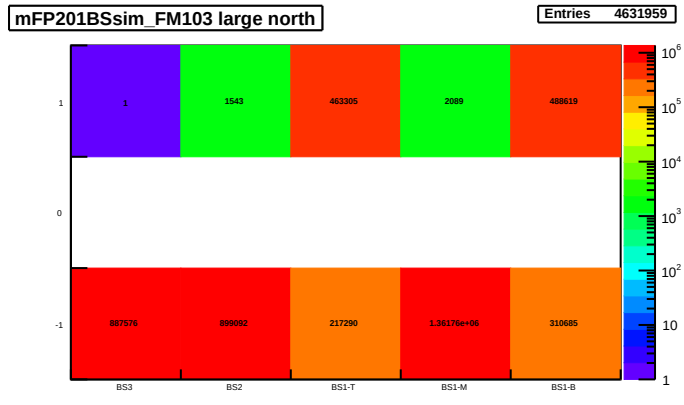

mFP201BS_FM101 small north
Entries 3.344422e+07
1
0
305951
442638
365896
352478
556669
6.38289e+06
6.24621e+06
6.32295e+06
6.33637e+06
6.13218e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

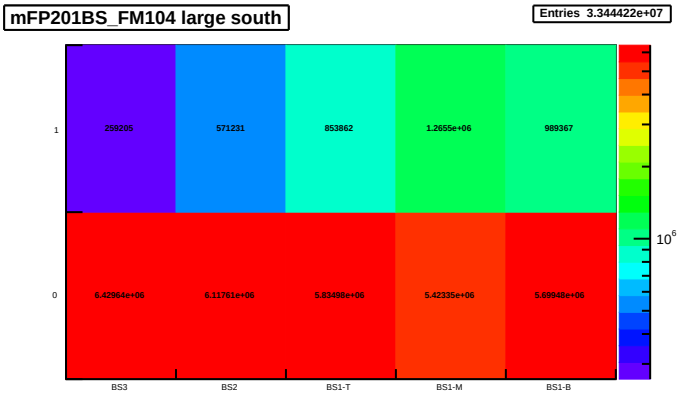

mFP201BSsim_FM101 small north
Entries 4565035
1
0
-1
2
185
1111
833
2208
1.16341e+06
1.13989e+06
744266
1.12576e+06
387381
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

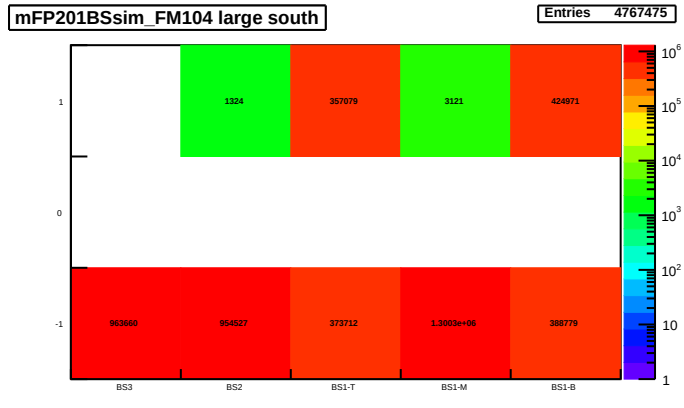

mFP201BS_FM102 small south
Entries 3.344422e+07
1
0
235331
346586
403564
317438
291222
6.45351e+06
6.34226e+06
6.28528e+06
6.37141e+06
6.39762e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

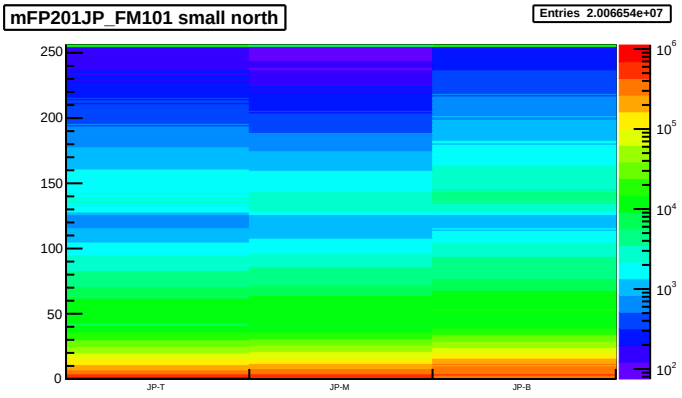

mFP201BSsim_FM102 small south
Entries 3490581
1
0
-1
1
250
1356
1315
846
658889
670249
725489
657590
774596
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

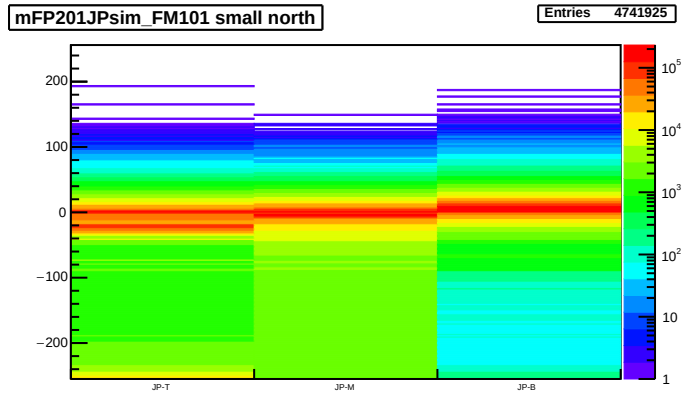

mFP201BS_FM103 large north
Entries 3.344422e+07
1
0
303549
646488
1.03643e+06
1.19271e+06
1.04567e+06
6.3853e+06
6.04236e+06
5.65242e+06
5.49613e+06
5.64317e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

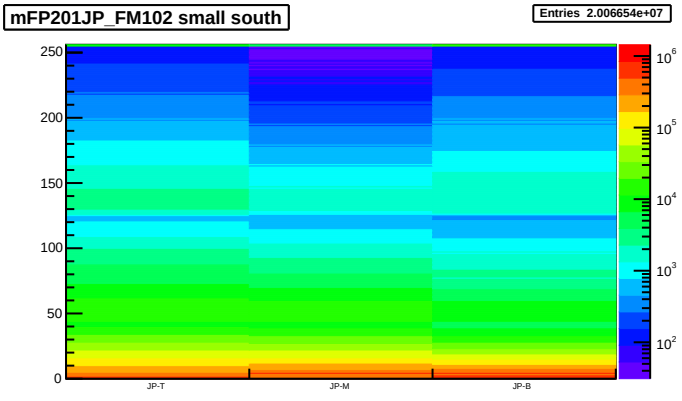

mFP201BSsim_FM103 large north
Entries 4631959
1
0
-1
1
1543
463305
2089
488619
887576
899092
217290
1.36176e+06
310685
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

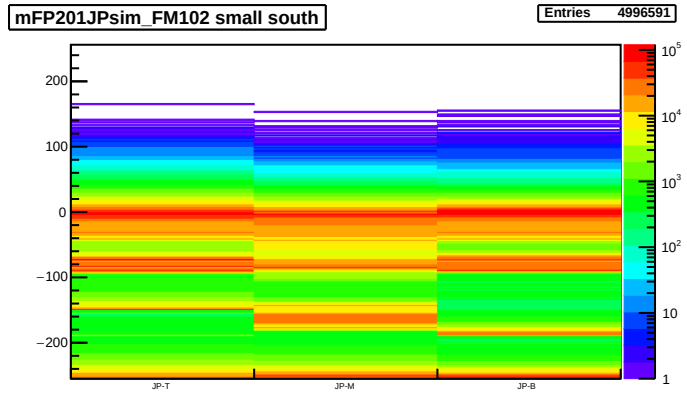

mFP201BS_FM104 large south
Entries 3.344422e+07
1
0
259205
571231
853862
1.2655e+06
989367
6.42964e+06
6.11761e+06
5.83498e+06
5.42335e+06
5.69948e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

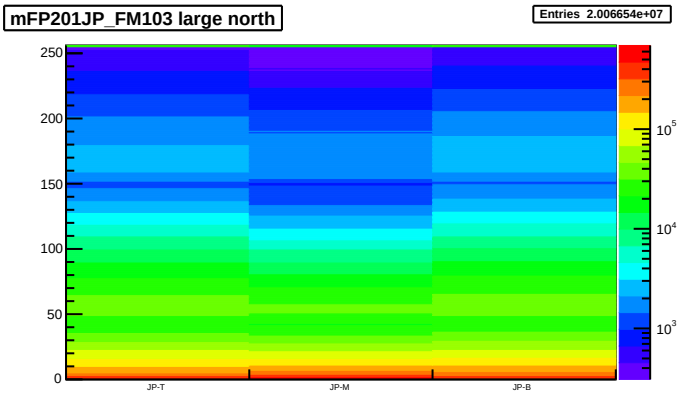

mFP201BSsim_FM104 large south
Entries 4767475
1
0
-1
1324
357079
3121
424971
963660
954527
373712
1.3003e+06
388779
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

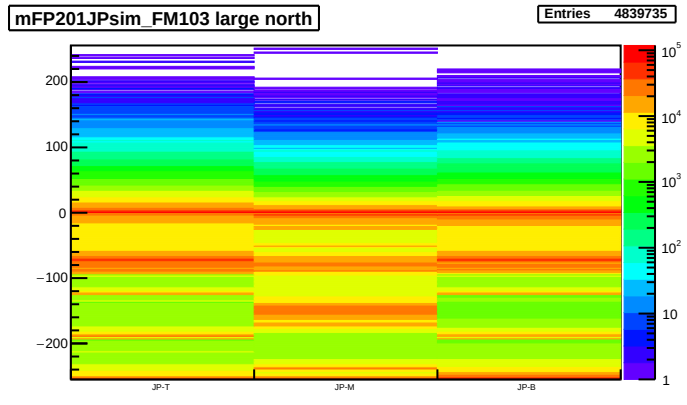

mFP201JP_FM101 small north
Entries 2.006654e+07
JP-T
JP-M
JP-B

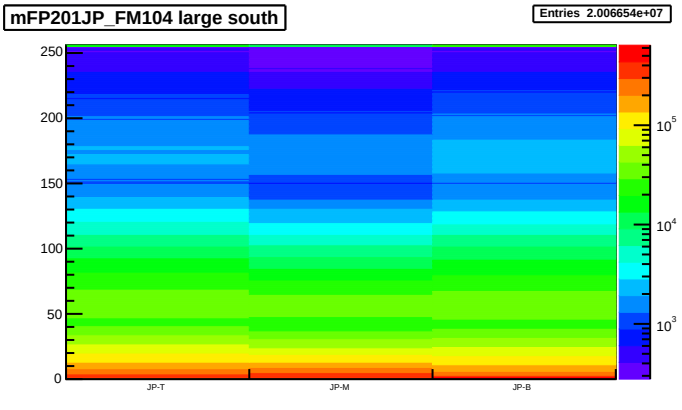

mFP201JPsim_FM101 small north
Entries 4741925
JP-T
JP-M
JP-B

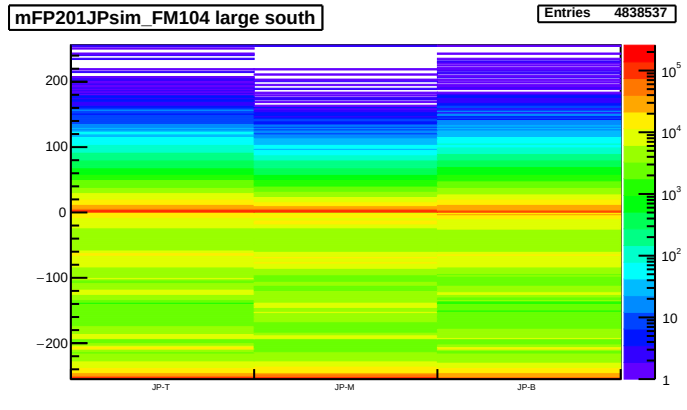

mFP201JP_FM102 small south
Entries 2.006654e+07
JP-T
JP-M
JP-B

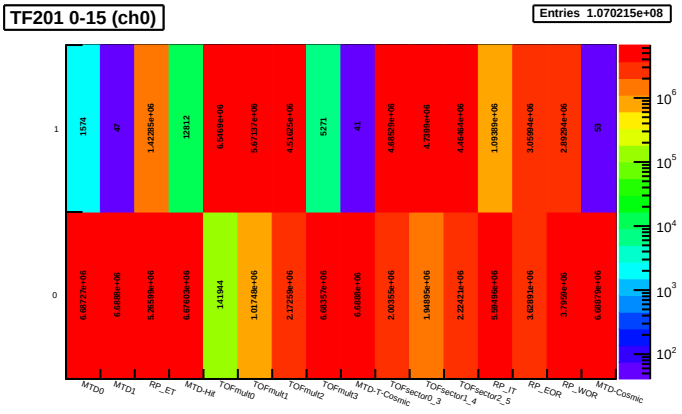

mFP201JPsim_FM102 small south
Entries 4996591
JP-T
JP-M
JP-B


mFP201JP_FM103 large north
Entries 2.006654e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM103 large north
Entries 4839735
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 2.006654e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 4838537
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.070215e+08
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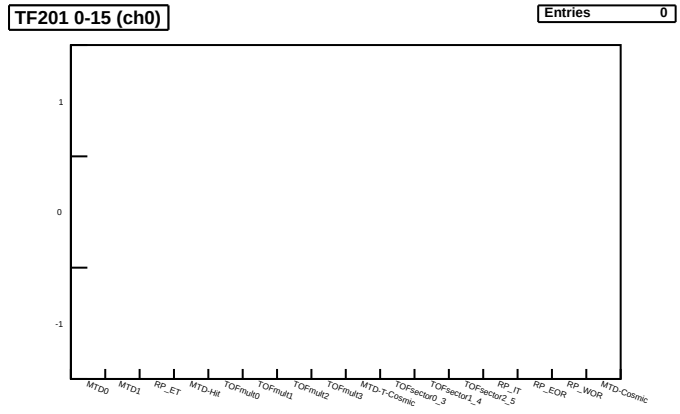
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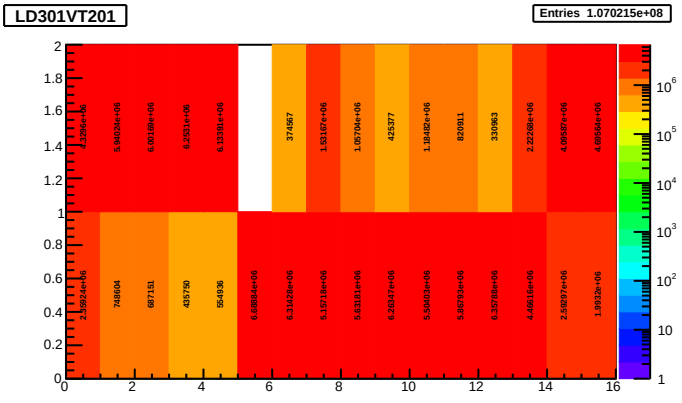
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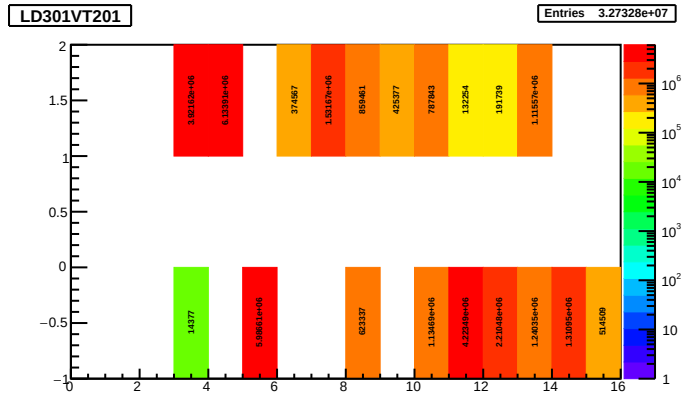
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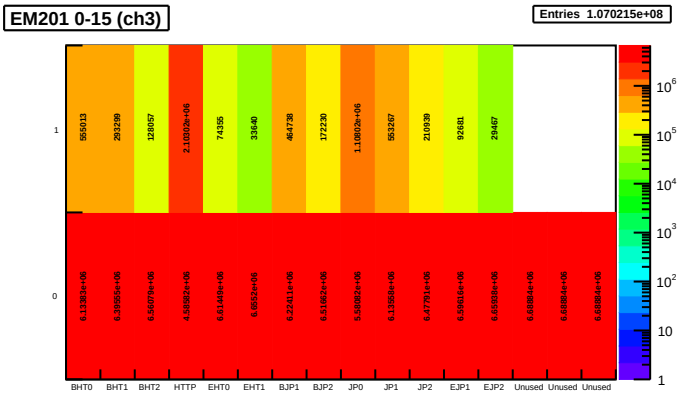
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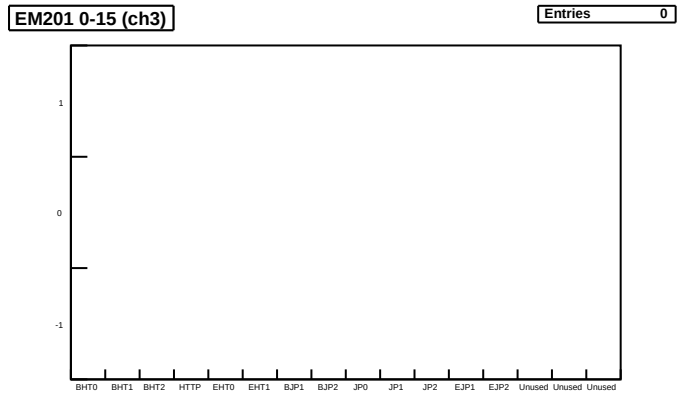
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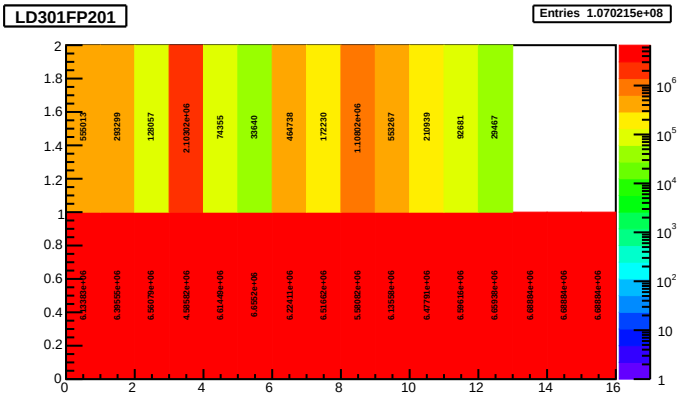
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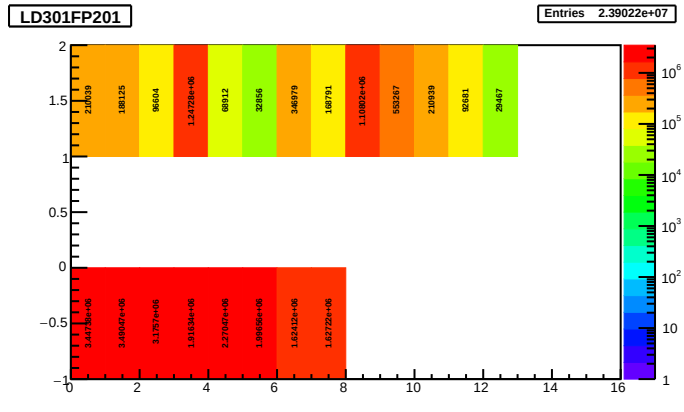
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