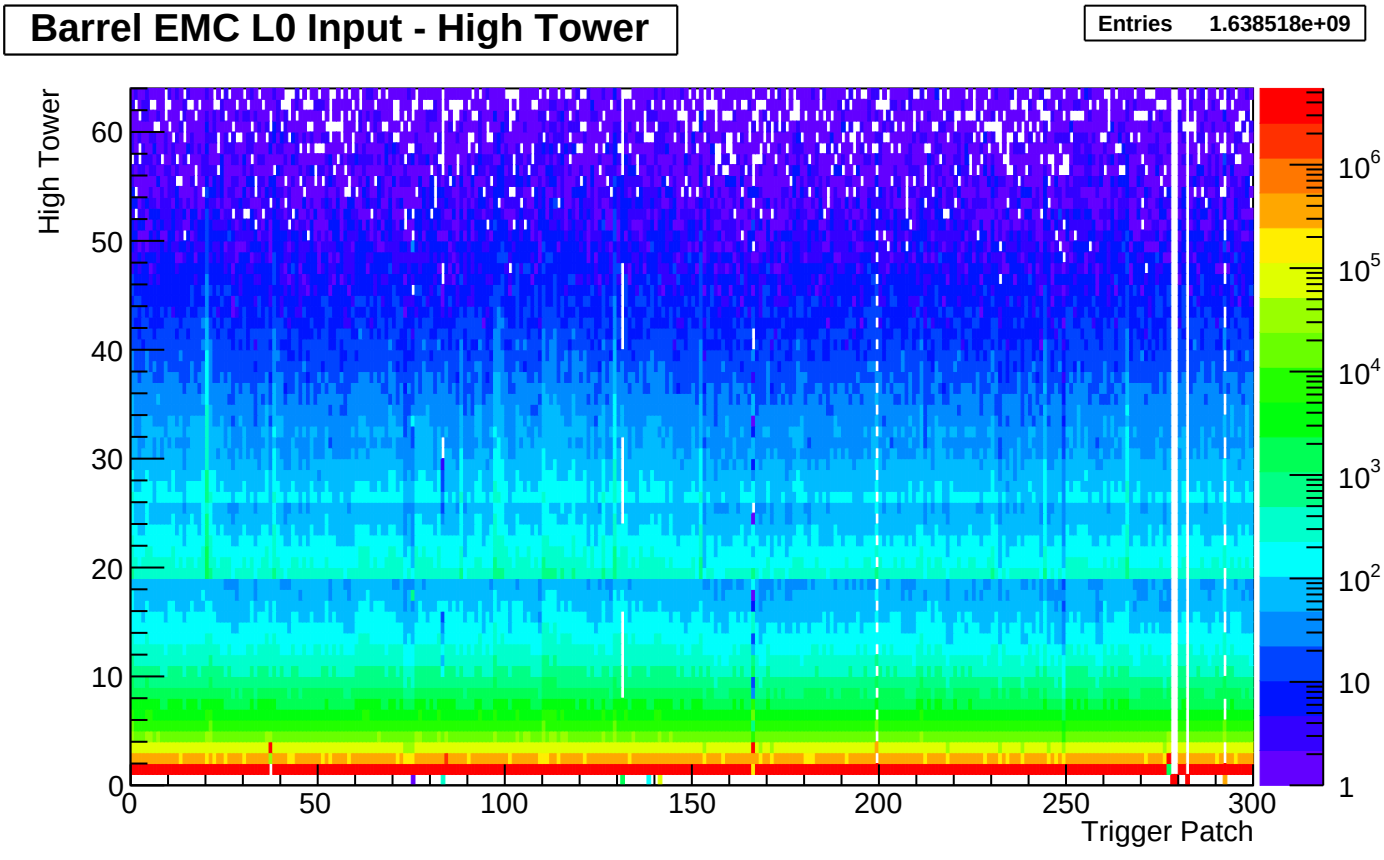
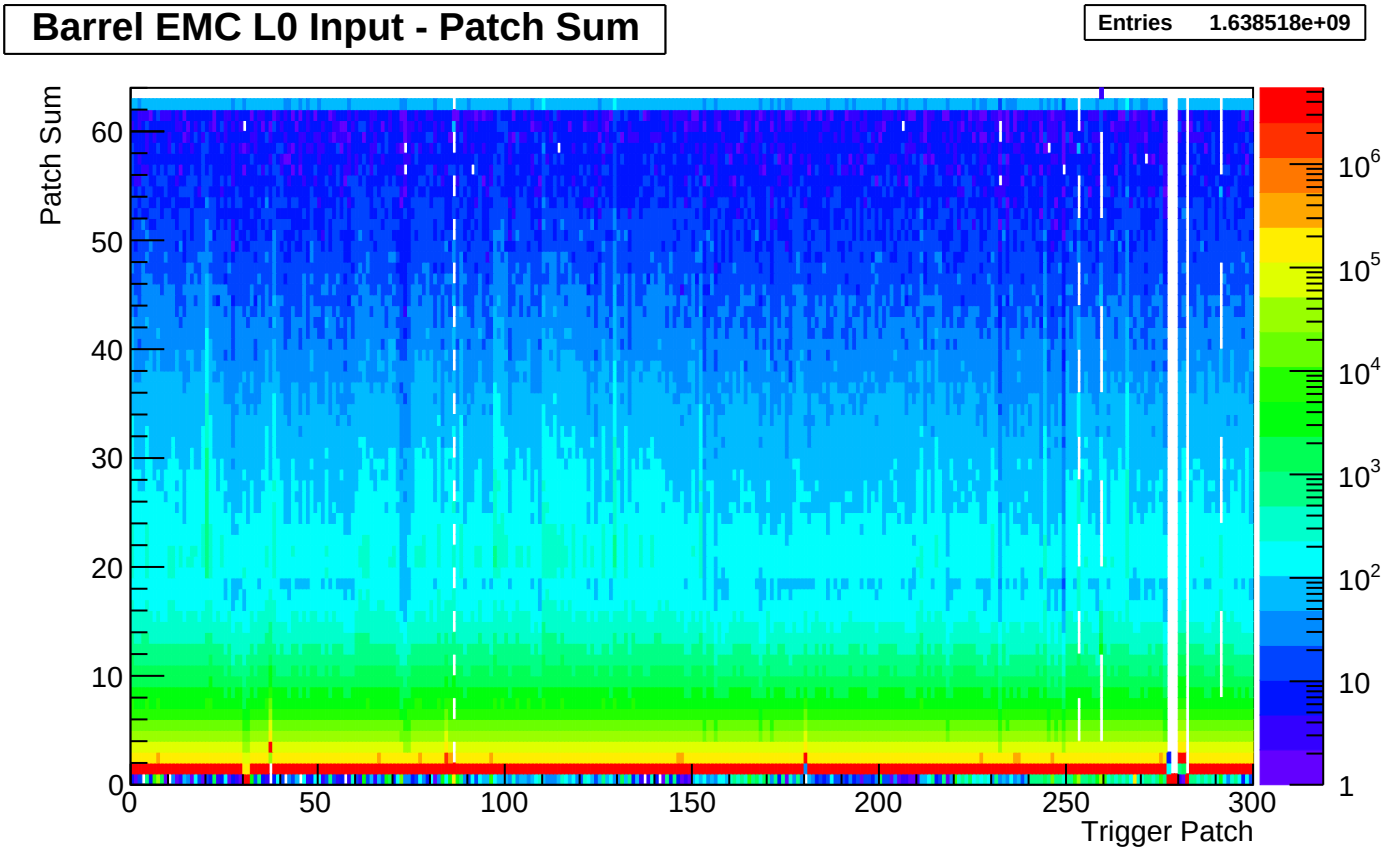
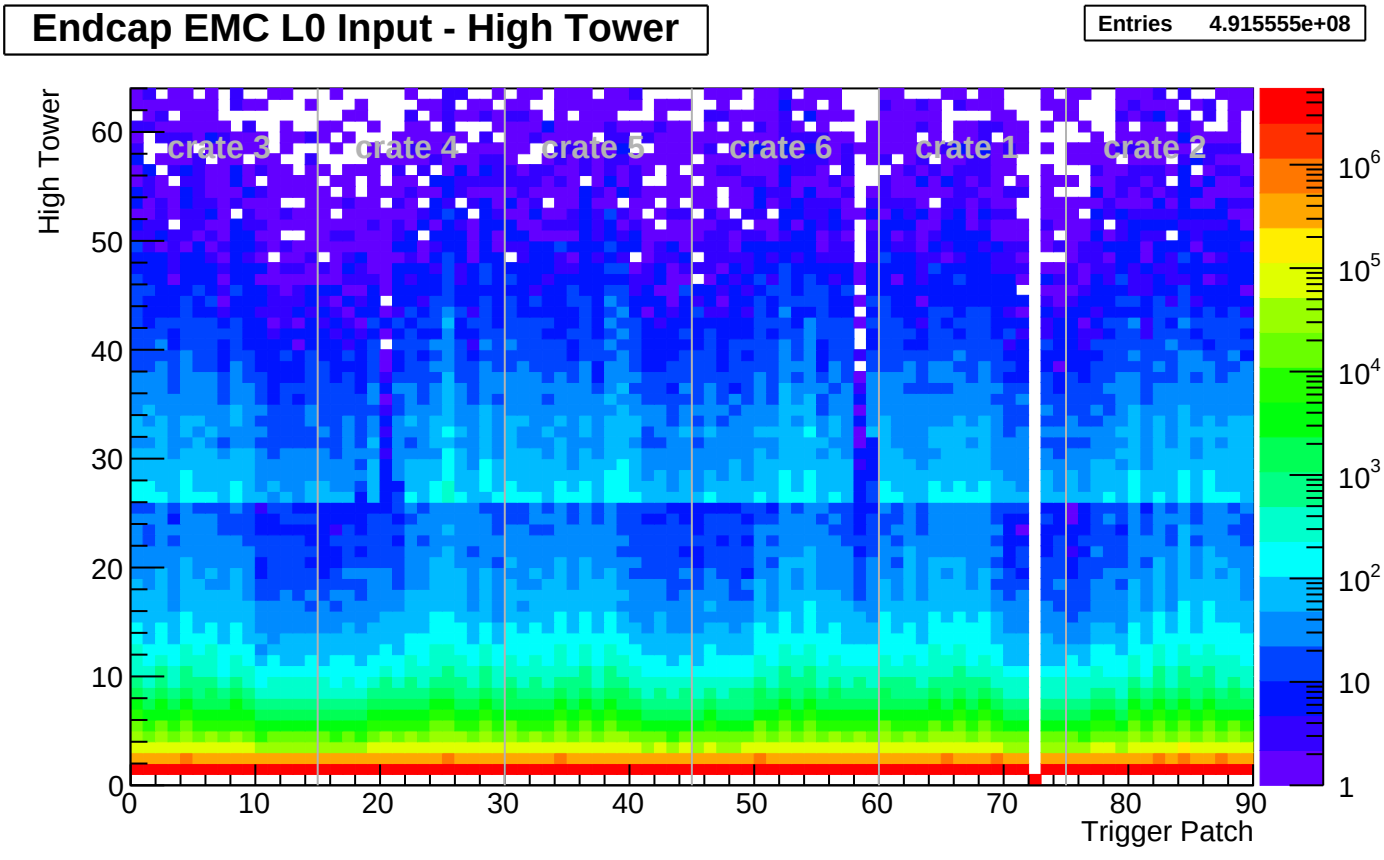
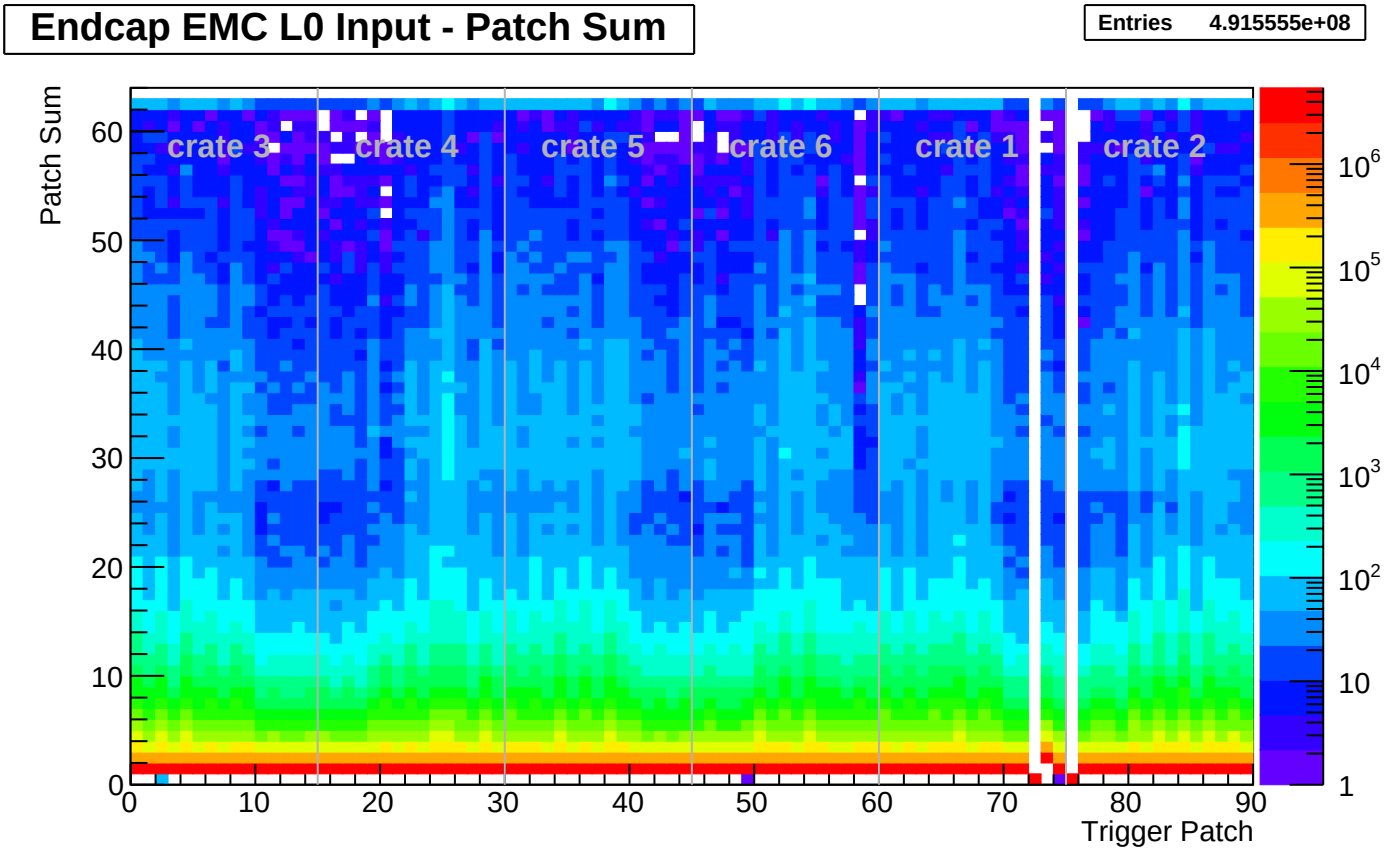
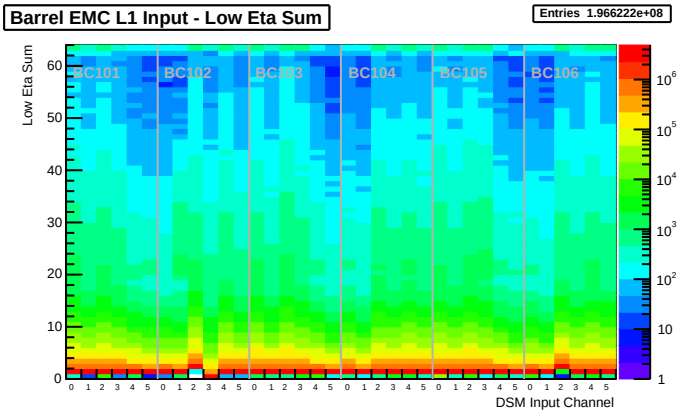
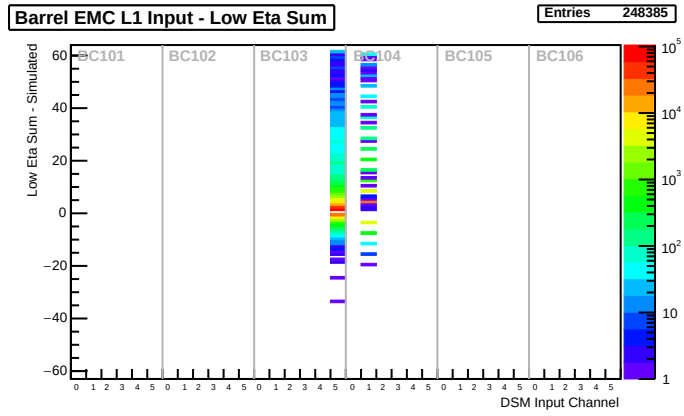

Barrel EMC L0 Input - High Tower
Entries 1.638518e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

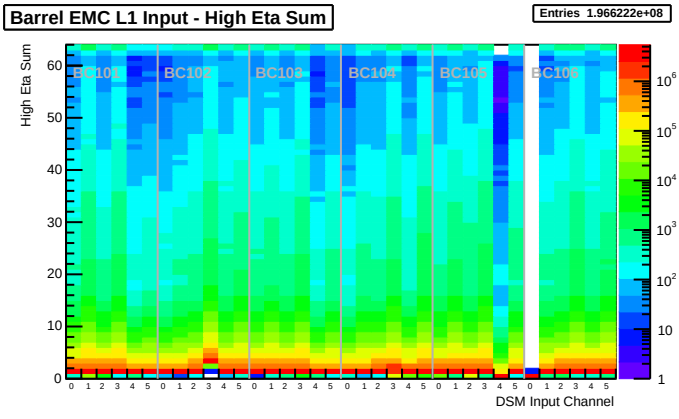

Barrel EMC L0 Input - Patch Sum
Entries 1.638518e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

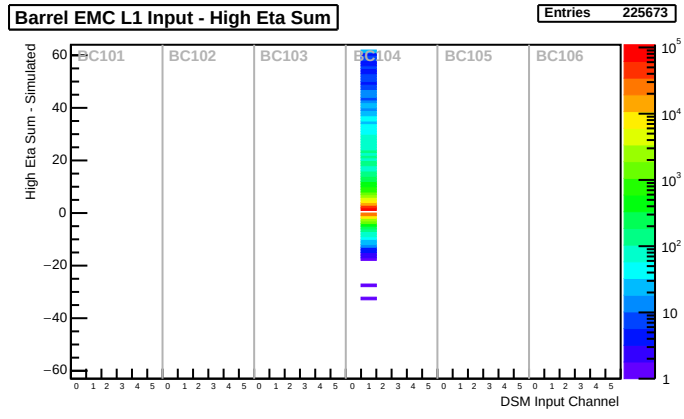

Endcap EMC L0 Input - High Tower
Entries 4.915555e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

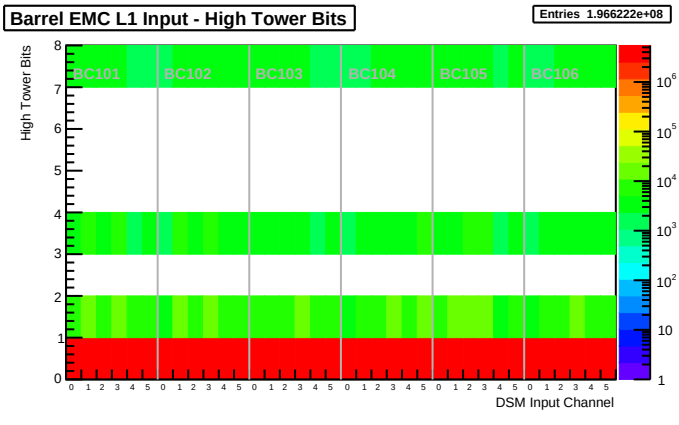

Endcap EMC L0 Input - Patch Sum
Entries 4.915555e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

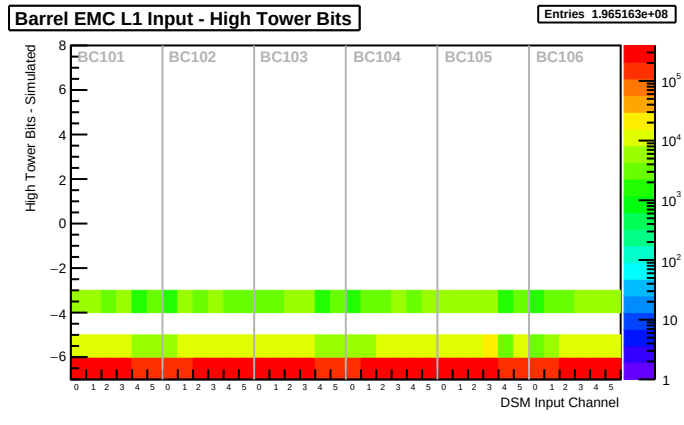

Barrel EMC L1 Input - Low Eta Sum
Entries 1.966222e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

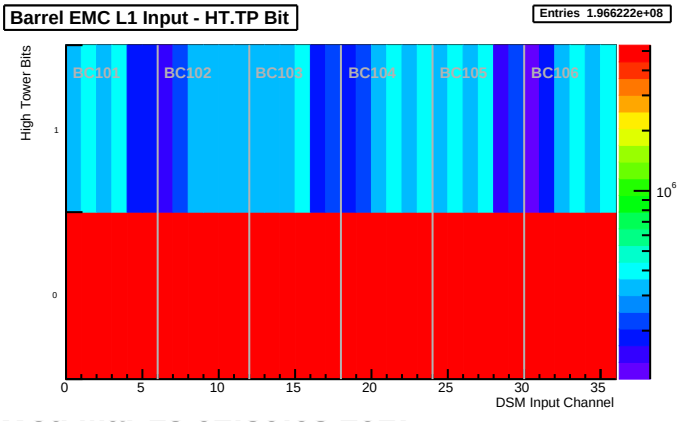

Barrel EMC L1 Input - Low Eta Sum
Entries 248385
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

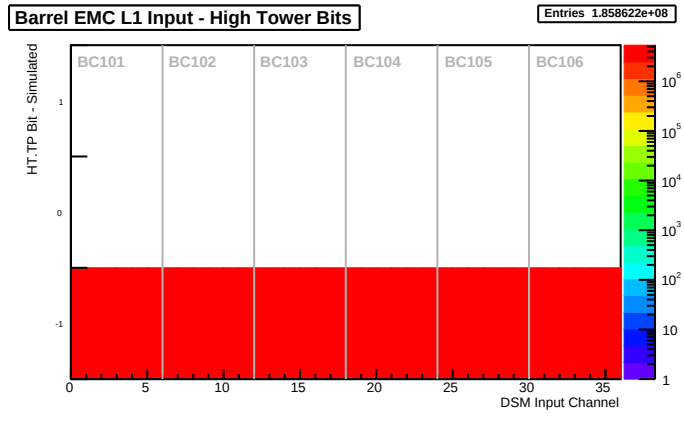

Barrel EMC L1 Input - High Eta Sum
Entries 1.966222e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

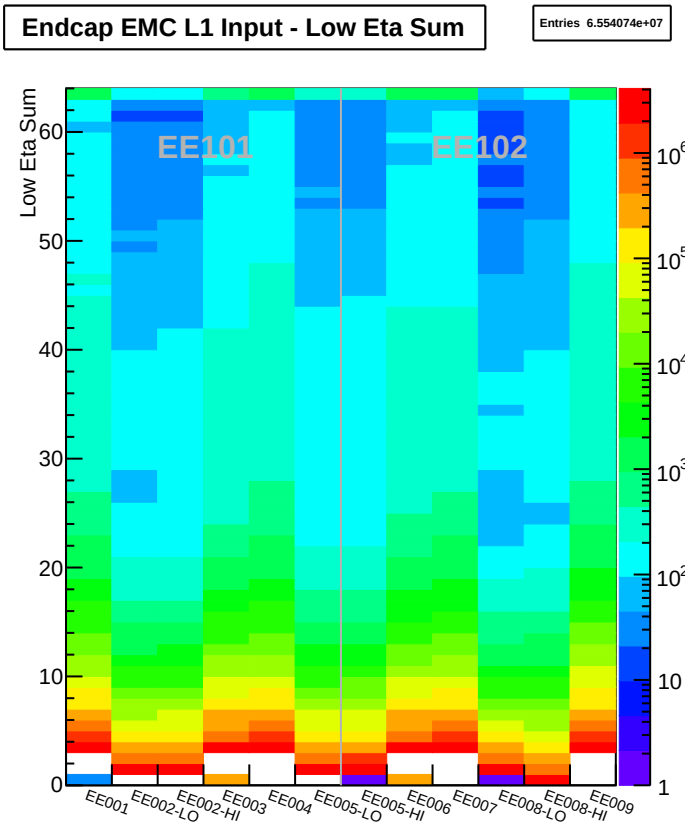

Barrel EMC L1 Input - High Eta Sum
Entries 225673
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

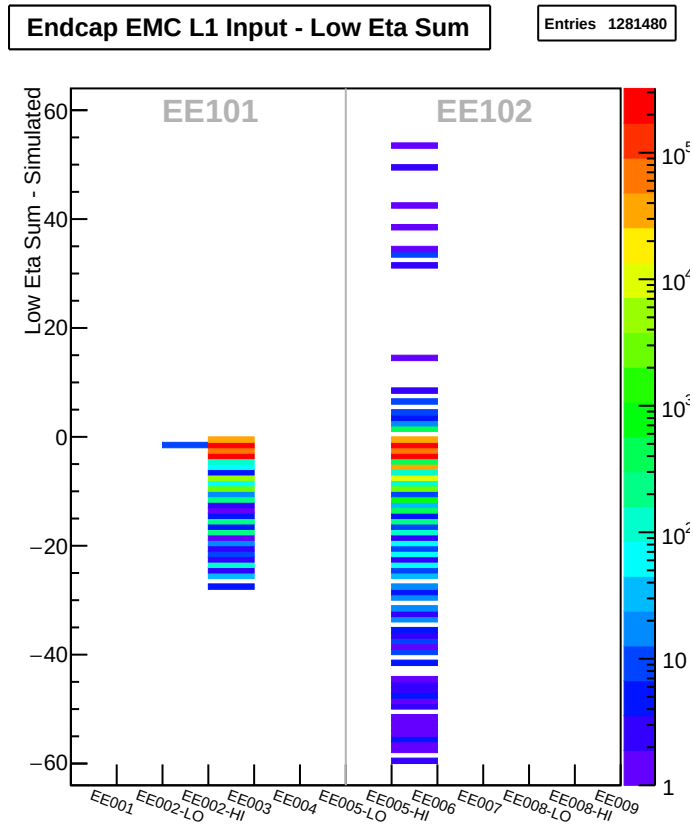

Barrel EMC L1 Input - High Tower Bits
Entries 1.966222e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

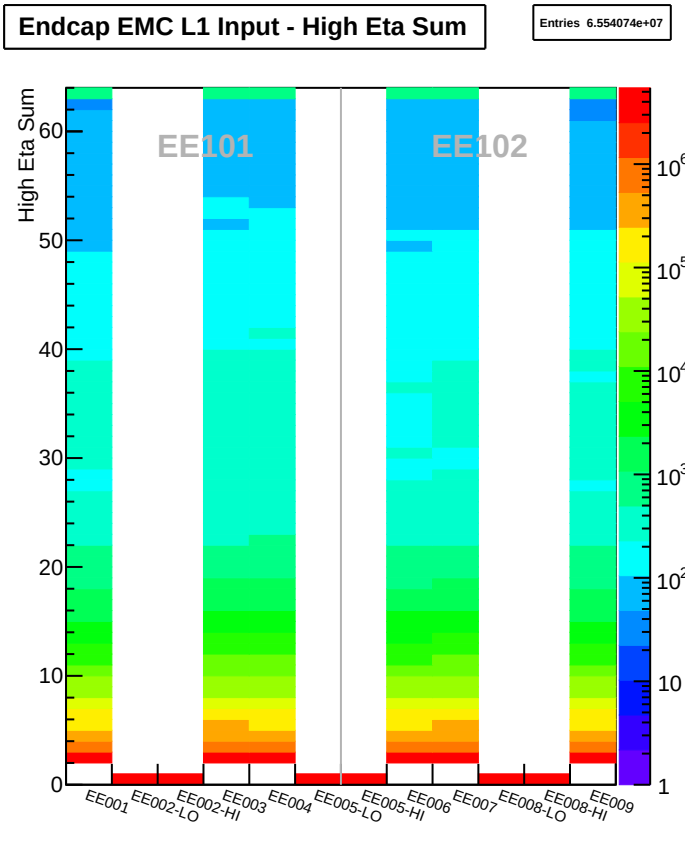

Barrel EMC L1 Input - High Tower Bits
Entries 1.965163e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

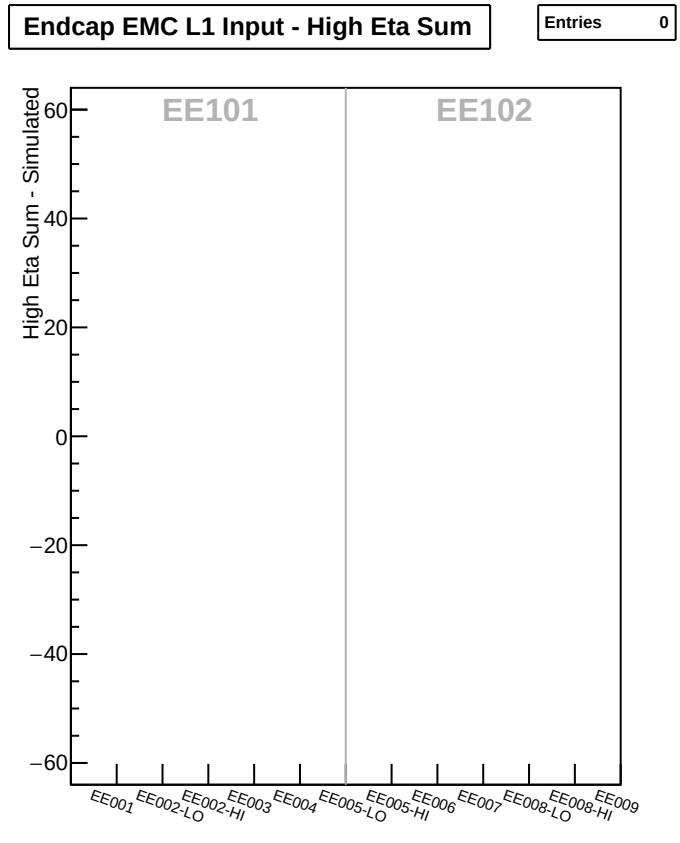

Barrel EMC L1 Input - HT.TP Bit
Entries 1.966222e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

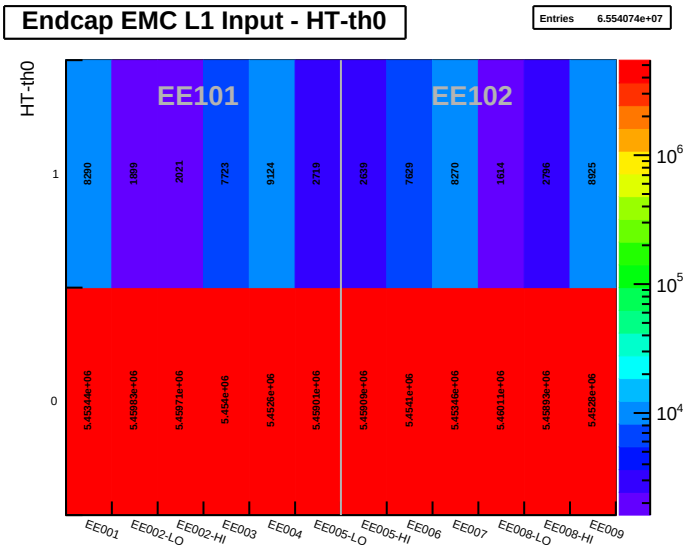

Barrel EMC L1 Input - High Tower Bits
Entries 1.858622e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

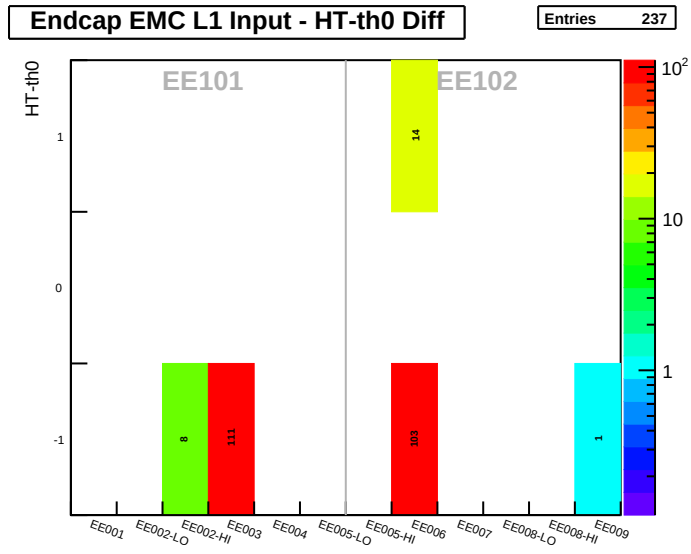

Endcap EMC L1 Input - Low Eta Sum
Entries 6.554074e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

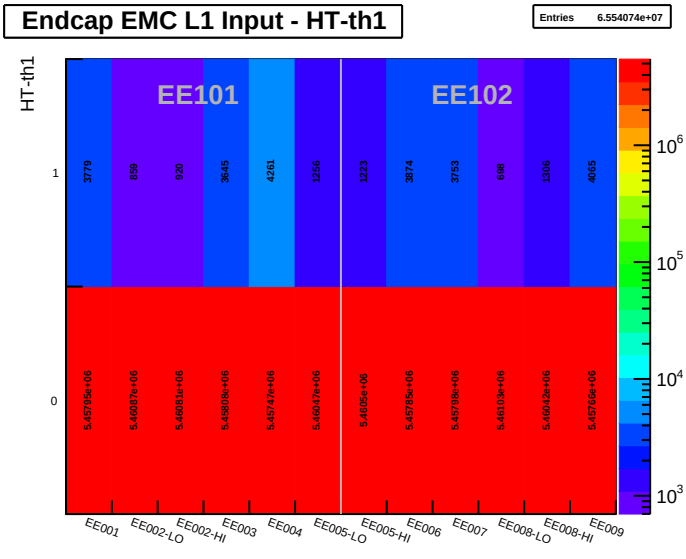

Endcap EMC L1 Input - Low Eta Sum
Entries 1281480
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

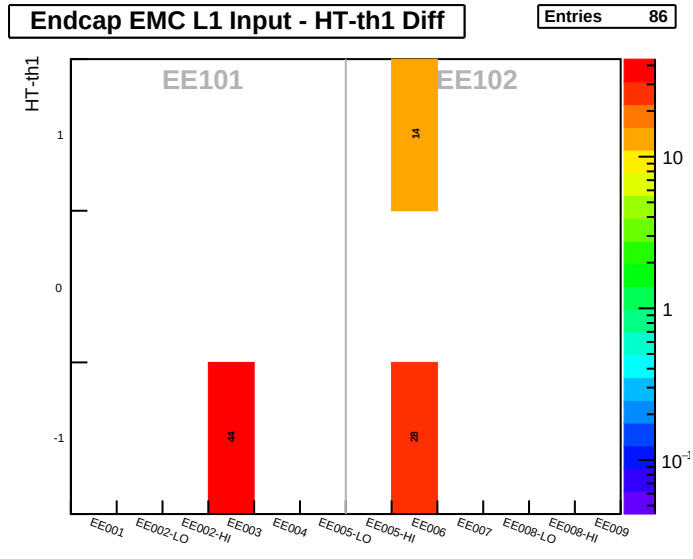

Endcap EMC L1 Input - High Eta Sum
Entries 6.554074e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

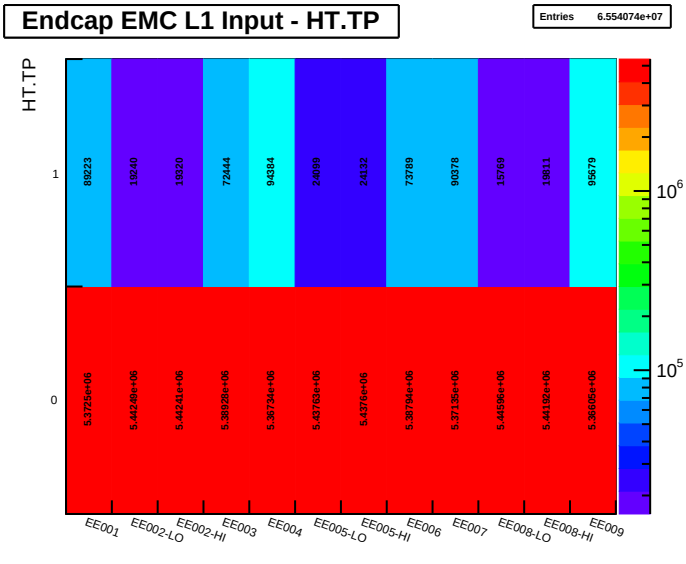

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

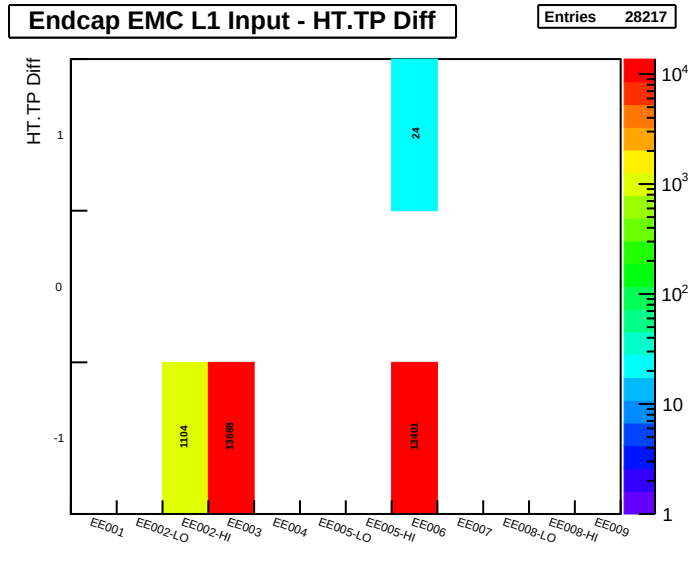

Endcap EMC L1 Input - HT-th0
Entries 6.554074e+07
HT-th0
EE101
EE102
8290 1899 2021 7723 9124 2719 2639 7629 8270 1614 2796 8925
5.45344e+06 5.45983e+06 5.45971e+06 5.454e+06 5.4526e+06 5.45901e+06 5.45909e+06 5.4541e+06 5.45346e+06 5.46011e+06 5.45839e+06 5.4528e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

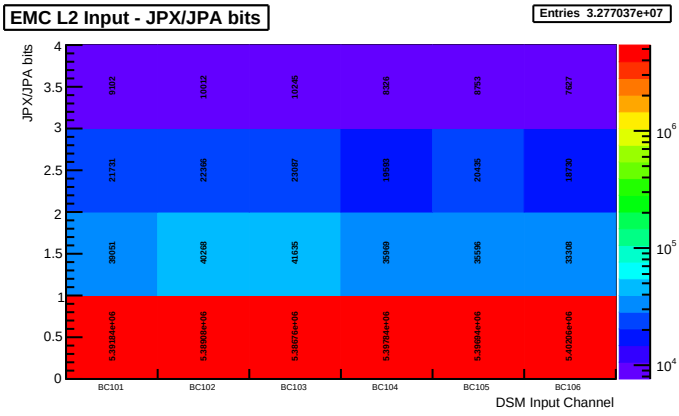

Endcap EMC L1 Input - HT-th0 Diff
Entries 237
HT-th0
EE101
EE102
14
8 111 103 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

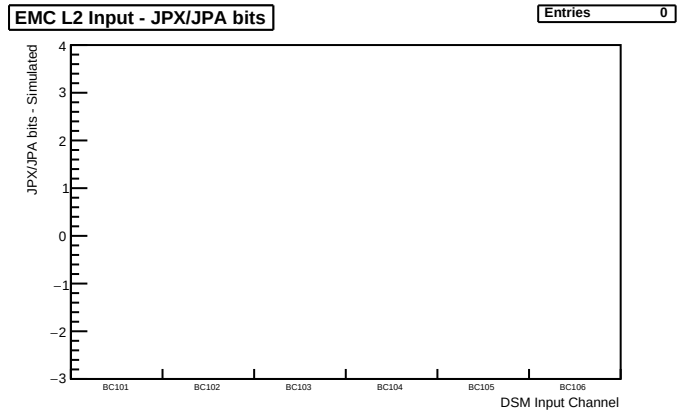

Endcap EMC L1 Input - HT-th1
Entries 6.554074e+07
HT-th1
EE101
EE102
3779 859 920 3545 4261 1256 1223 3374 3753 698 1306 4065
5.45795e+06 5.46097e+06 5.46081e+06 5.45808e+06 5.45747e+06 5.46047e+06 5.4605e+06 5.45765e+06 5.45798e+06 5.46103e+06 5.46042e+06 5.45766e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

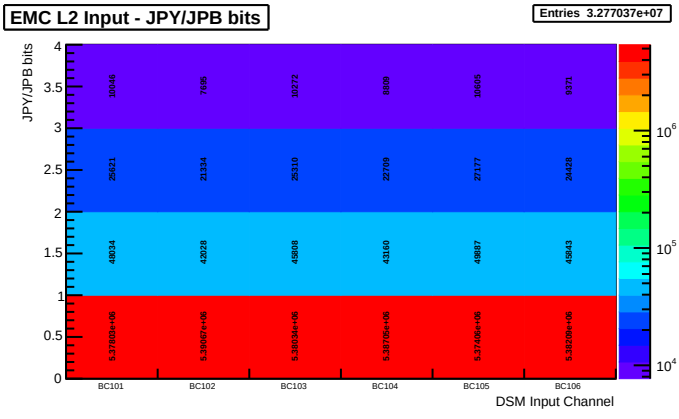

Endcap EMC L1 Input - HT-th1 Diff
Entries 86
HT-th1
EE101
EE102
14
44 28
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

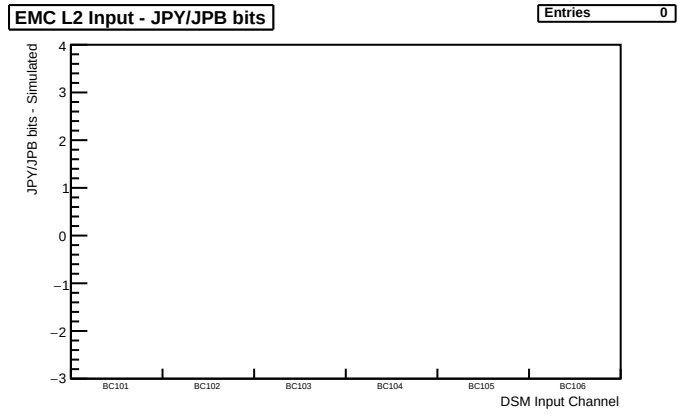

Endcap EMC L1 Input - HT.TP
Entries 6.554074e+07
HT.TP
89223 19240 19320 72444 94384 24099 24132 73789 90378 15769 19811 95679
5.3725e+06 5.44240e+06 5.44241e+06 5.39928e+06 5.38734e+06 5.43763e+06 5.4376e+06 5.38794e+06 5.37135e+06 5.44596e+06 5.44192e+06 5.36605e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

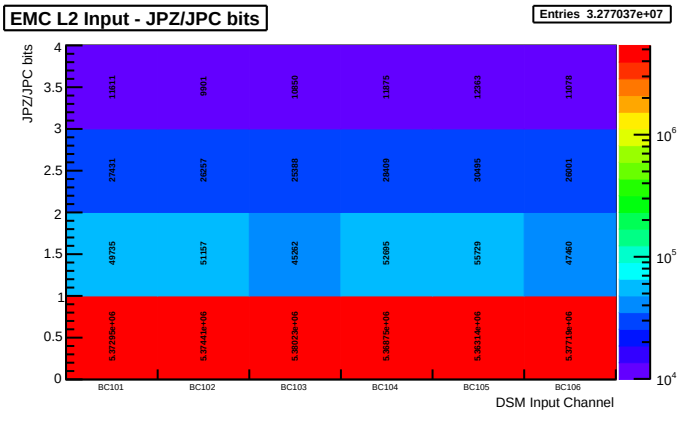

Endcap EMC L1 Input - HT.TP Diff
Entries 28217
HT.TP Diff
24
1104 13688 13401
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

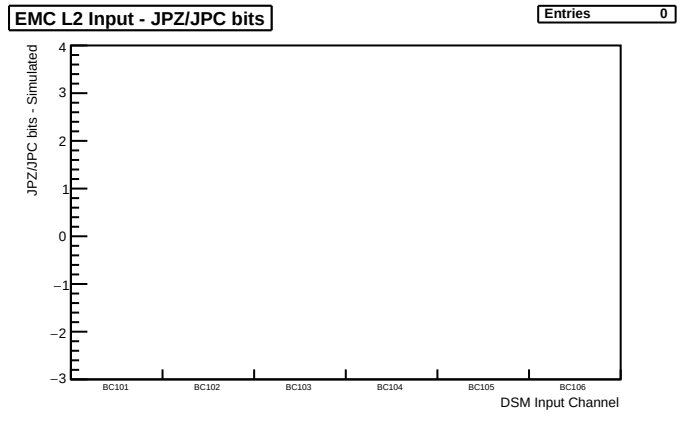

EMC L2 Input - JPX/JPA bits
Entries 3.277037e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9102
10012
10245
8326
8753
7627
21731
22366
23087
19593
20435
18730
39051
40258
41635
35969
35596
33308
5.39184e+06
5.38908e+06
5.38676e+06
5.39754e+06
5.39694e+06
5.40265e+06

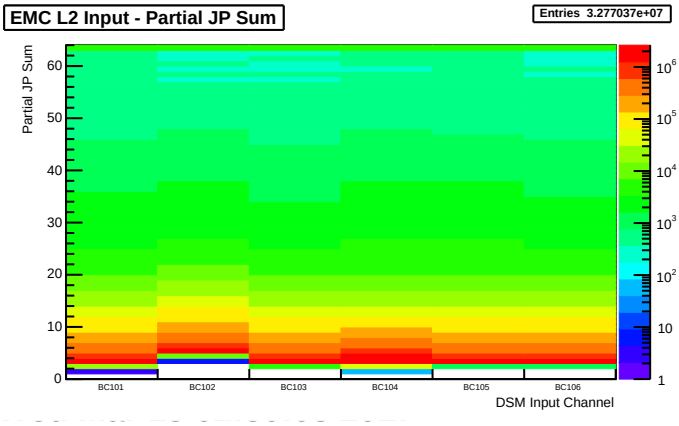

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

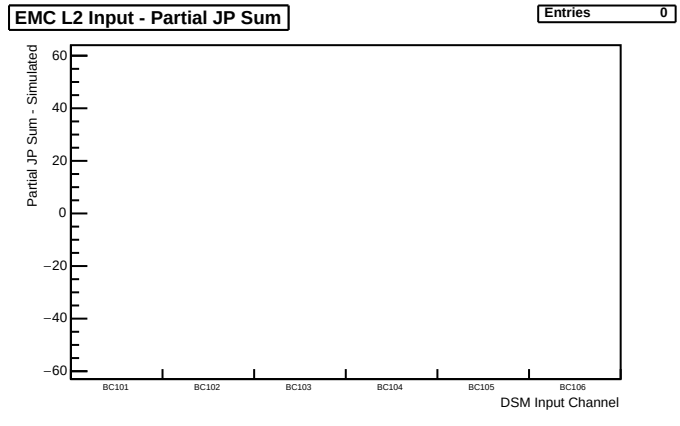

EMC L2 Input - JPY/JPB bits
Entries 3.277037e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10046
7695
10272
8699
10665
9371
25621
21334
25310
22709
27177
24428
48034
42028
49808
43160
49887
45843
5.37803e+06
5.39067e+06
5.38034e+06
5.38705e+06
5.37406e+06
5.38209e+06

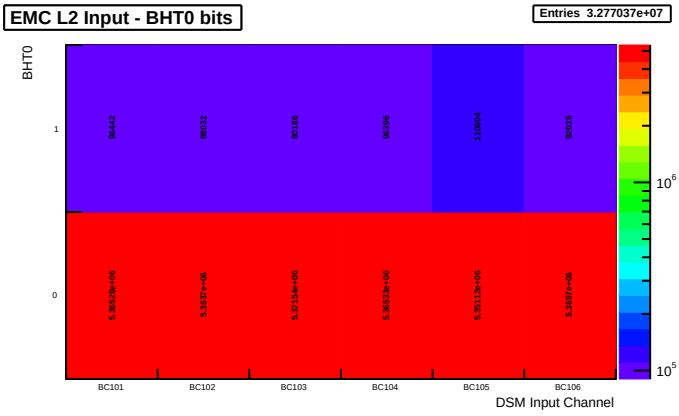

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

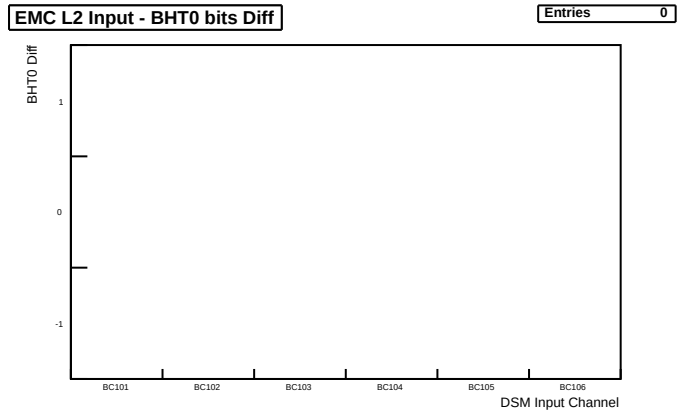

EMC L2 Input - JPZ/JPC bits
Entries 3.277037e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11611
9901
10850
11875
12283
11078
27431
26357
25388
28409
30495
26001
49735
51157
45262
52695
55729
47460
5.37295e+06
5.37441e+06
5.38023e+06
5.38375e+06
5.38314e+06
5.37719e+06

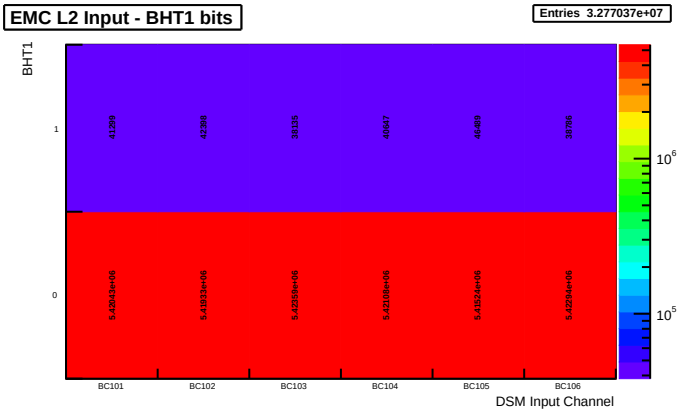

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

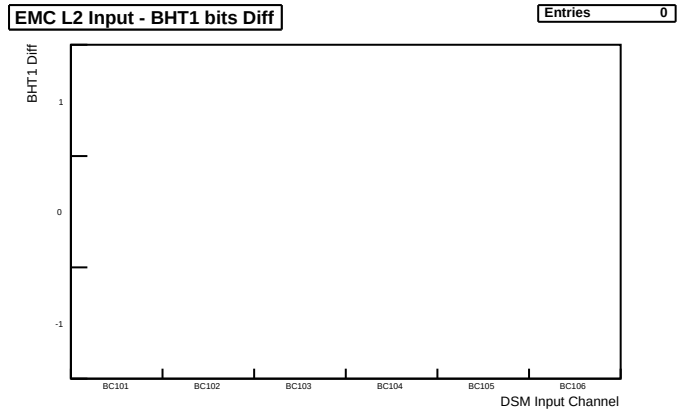

EMC L2 Input - Partial JP Sum
Entries 3.277037e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

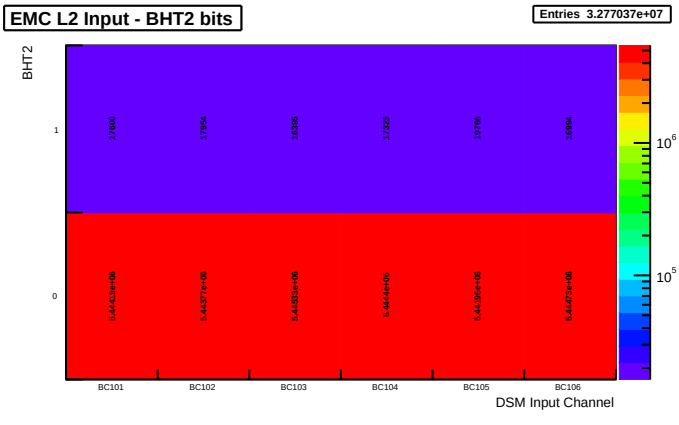

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

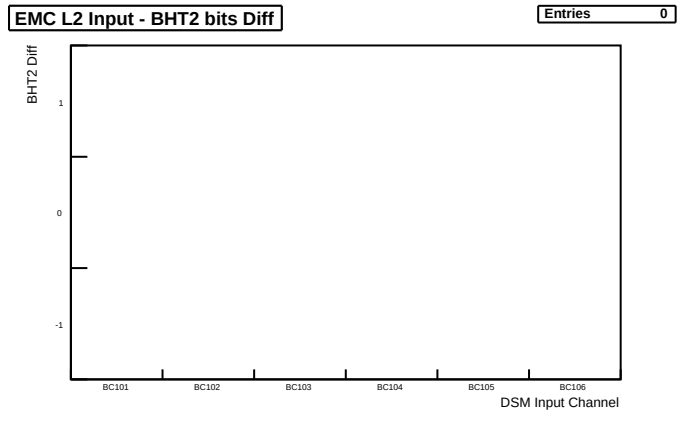

EMC L2 Input - BHT0 bits
Entries 3.277037e+07
BHT0
1
0
96442
99032
90186
96396
110004
92025
5.36529e+06
5.3637e+06
5.37154e+06
5.36513e+06
5.35112e+06
5.3697e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

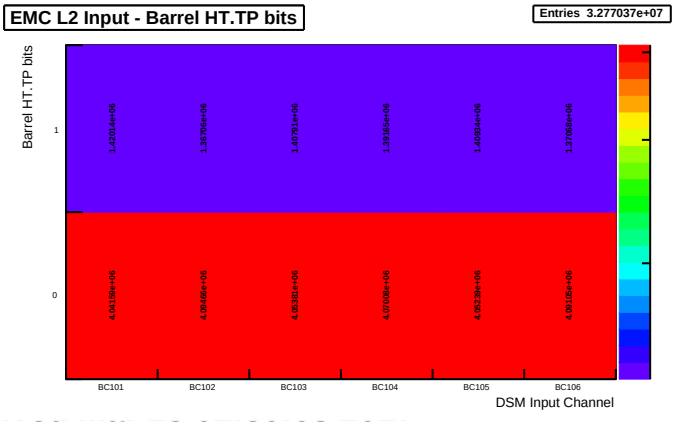

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

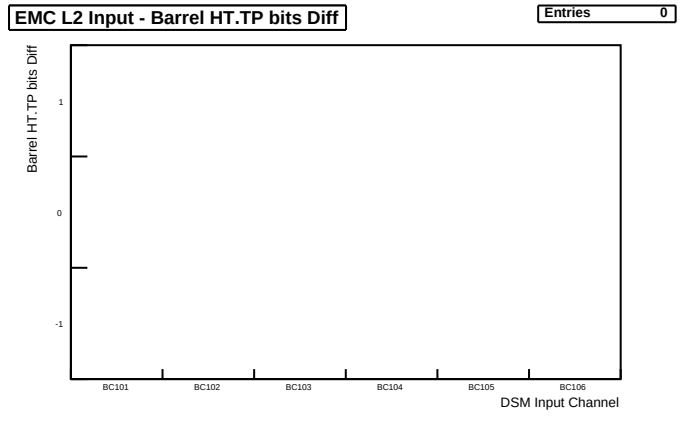

EMC L2 Input - BHT1 bits
Entries 3.277037e+07
BHT1
1
0
41269
42398
39135
40947
45489
39786
5.42543e+06
5.41933e+06
5.42559e+06
5.42108e+06
5.41524e+06
5.42204e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

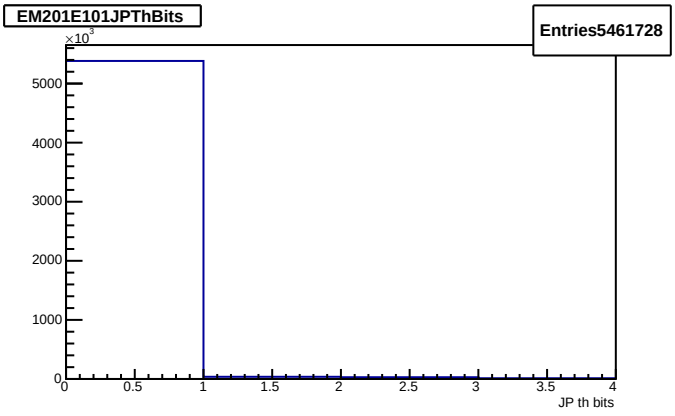

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

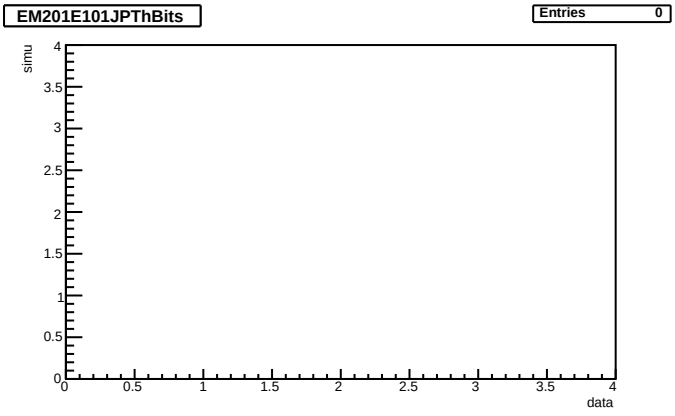

EMC L2 Input - BHT2 bits
Entries 3.277037e+07
BHT2
1
0
17600
17954
16395
17223
19765
16904
5.44413e+06
5.44377e+06
5.44533e+06
5.4444e+06
5.44196e+06
5.44423e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

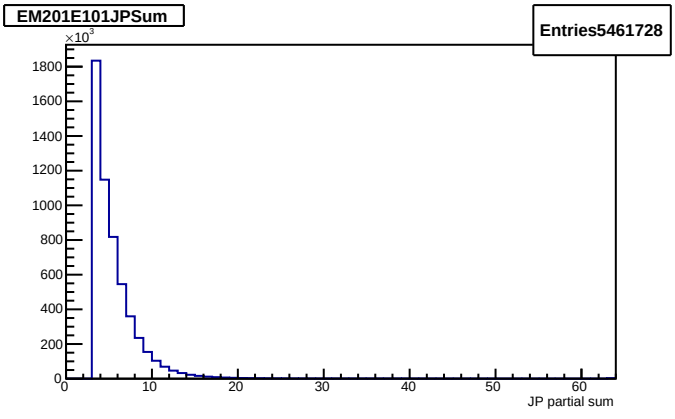

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

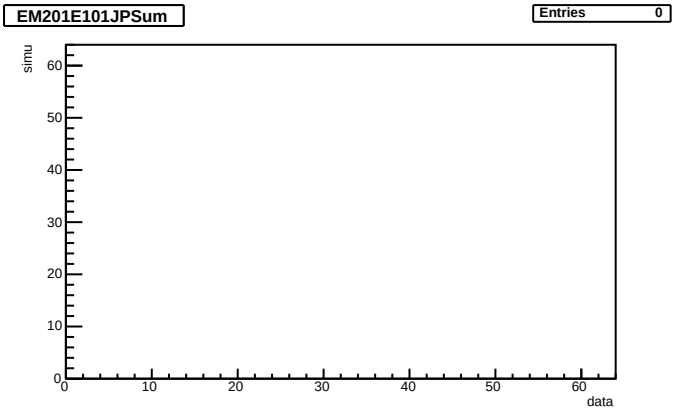

EMC L2 Input - Barrel HT.TP bits
Entries 3.277037e+07
Barrel HT.TP bits
1
0
1.42014e+06
1.36706e+06
1.40701e+06
1.39155e+06
1.40694e+06
1.37068e+06
4.04159e+06
4.09466e+06
4.05381e+06
4.07008e+06
4.06239e+06
4.09105e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

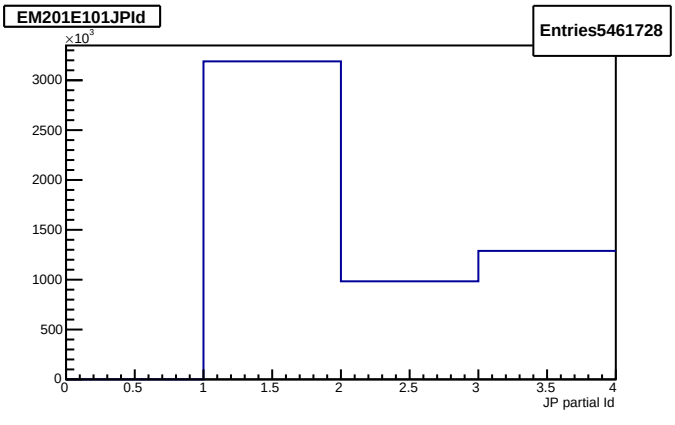

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

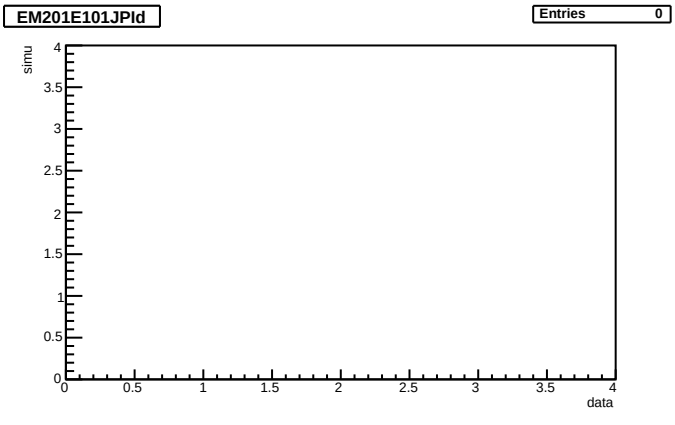

EM201E101JPThBits
Entries5461728
×10^3
JP th bits

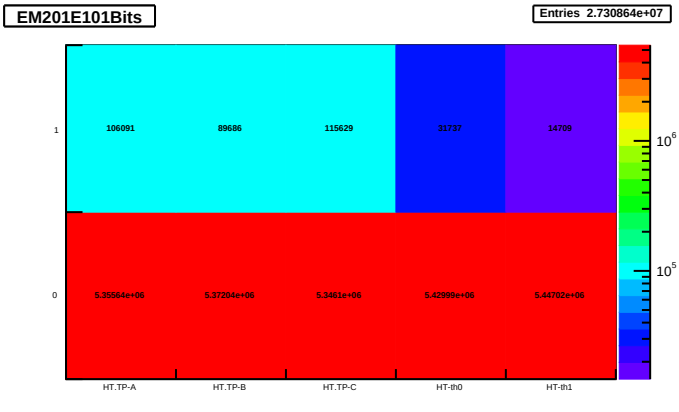

EM201E101JPThBits
Entries 0
simu
data

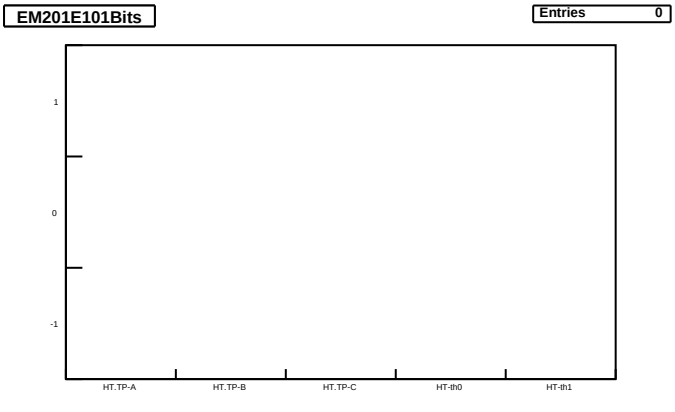

EM201E101JPSum
Entries5461728
×10^3
JP partial sum

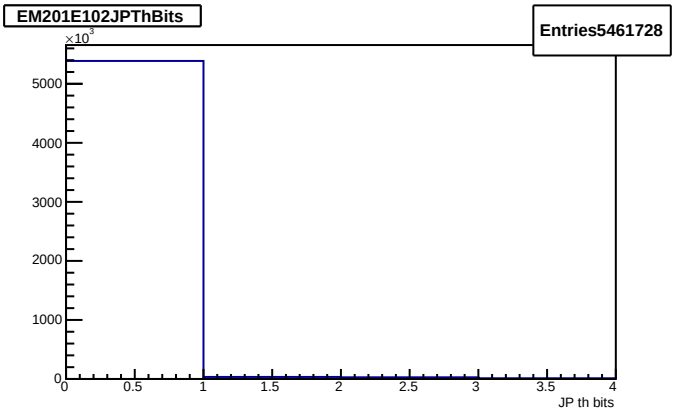

EM201E101JPSum
Entries 0
simu
data

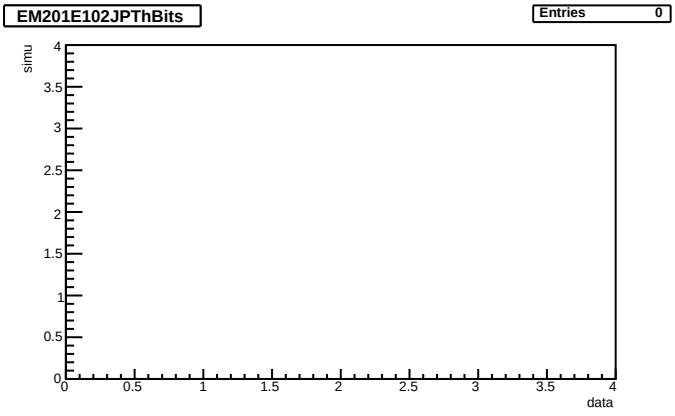

EM201E101JPId
Entries5461728
×10^3
JP partial Id

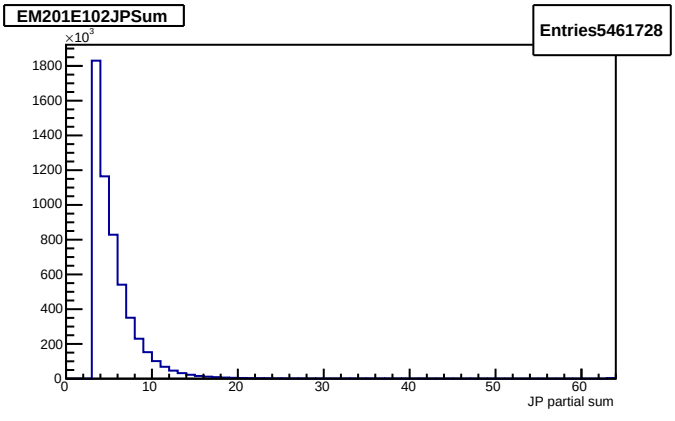

EM201E101JPId
Entries 0
simu
data

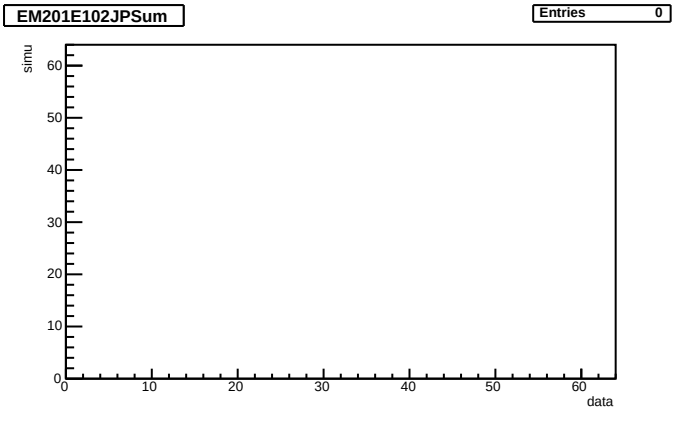

EM201E101Bits
Entries 2.730864e+07
106091
89686
115629
31737
14703
5.35564e+06
5.37204e+06
5.3461e+06
5.42999e+06
5.44702e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

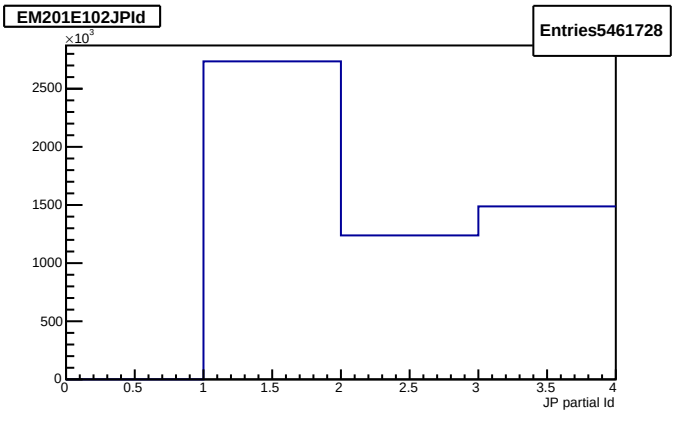

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

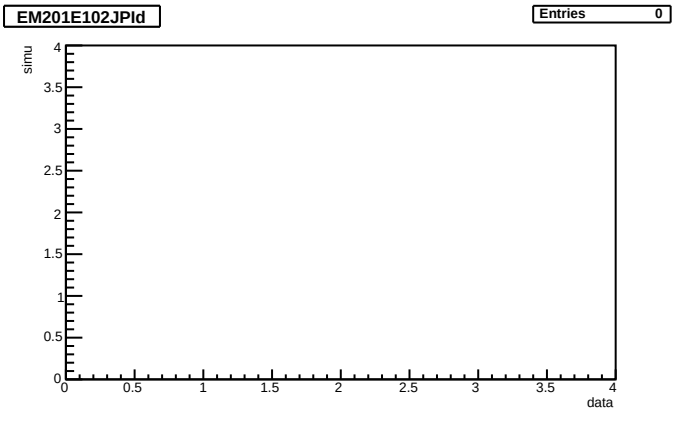

EM201E102JPThBits
Entries5461728
×10^3
JP th bits

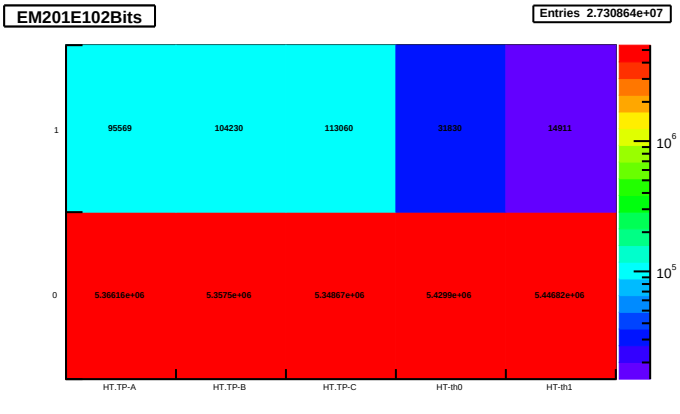

EM201E102JPThBits
Entries 0
simu
data

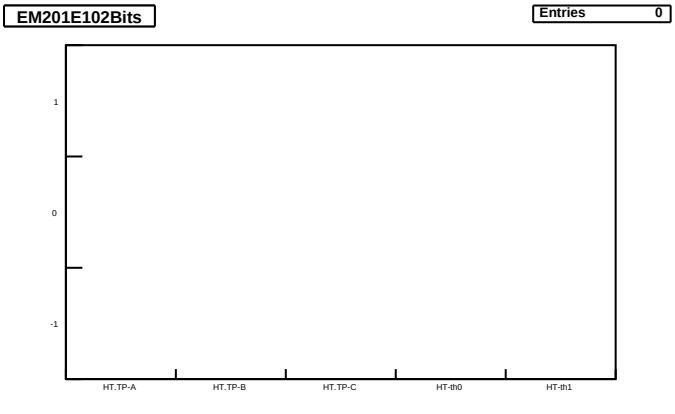

EM201E102JPSum
Entries5461728
×10^3
JP partial sum

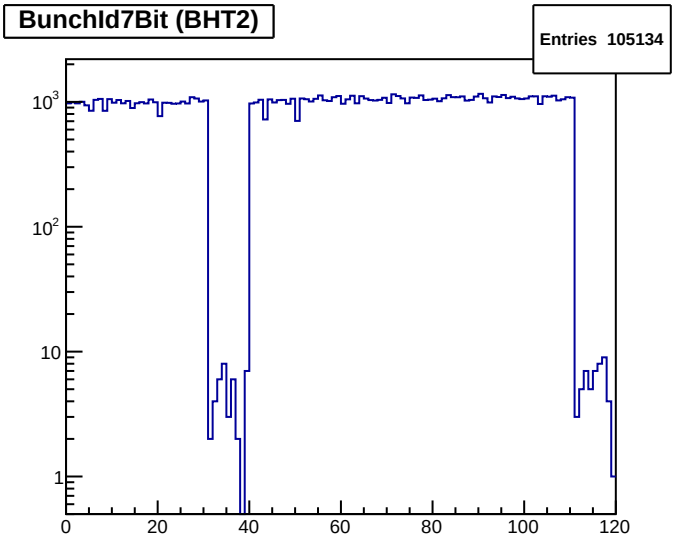

EM201E102JPSum
Entries 0
simu
data

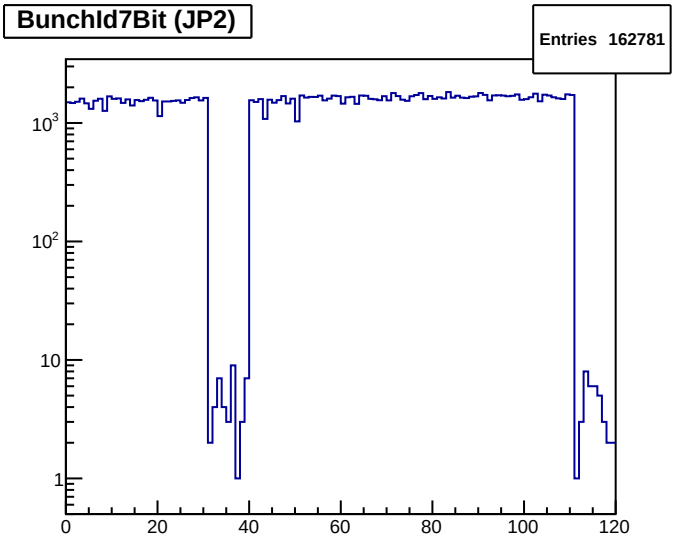

EM201E102JPId
Entries5461728
×10^3
JP partial Id

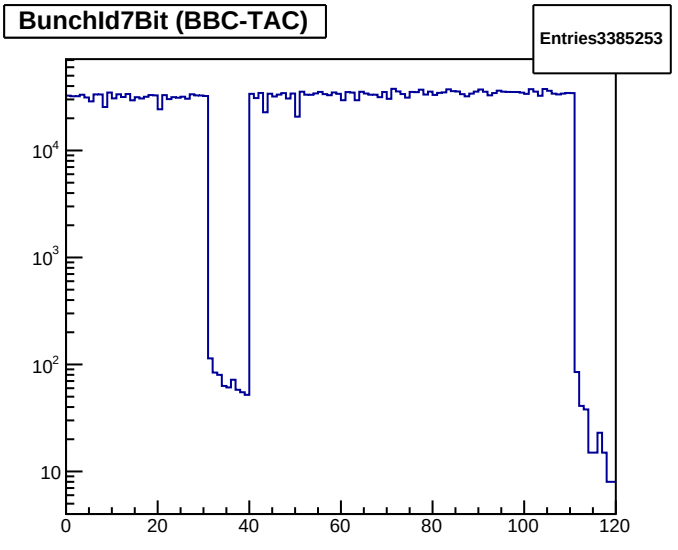

EM201E102JPId
Entries 0
simu
data

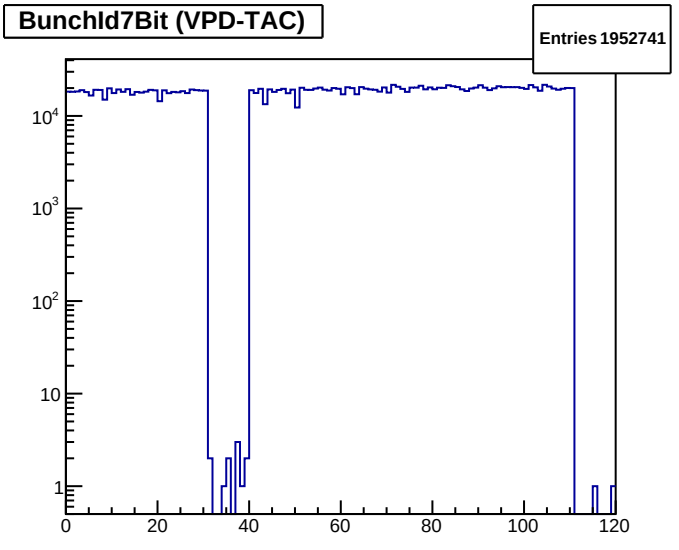

EM201E102Bits
Entries 2.730864e+07
95569
104230
113060
31830
14911
5.36616e+06
5.3575e+06
5.34867e+06
5.4299e+06
5.44682e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

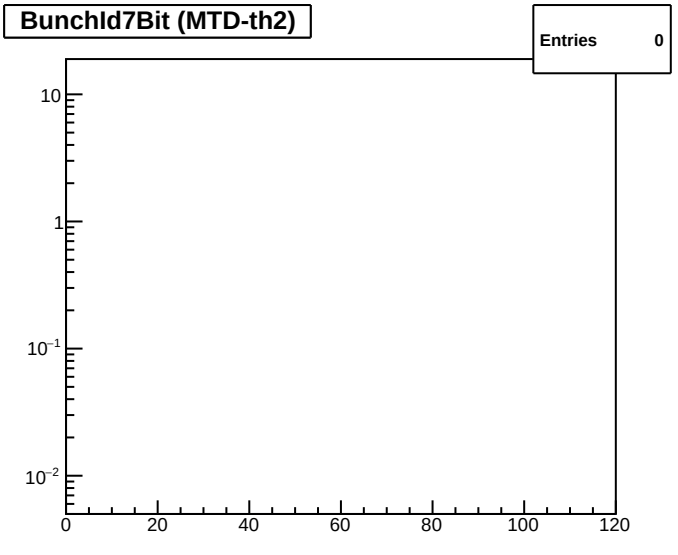

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

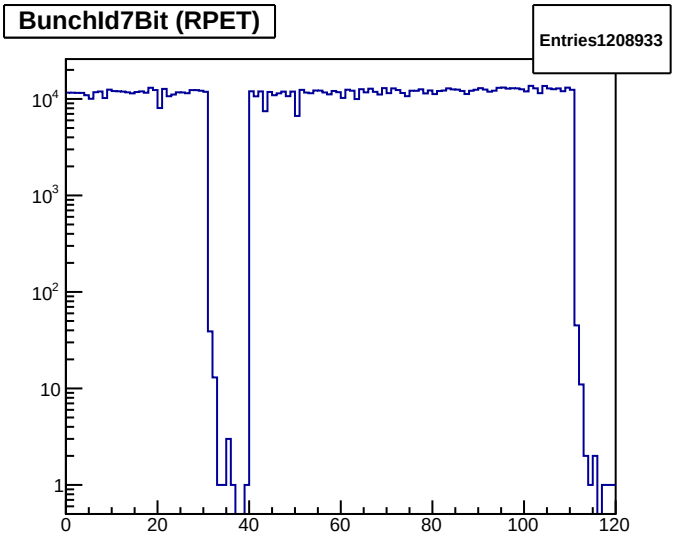

BunchId7Bit (BHT2)
Entries 105134

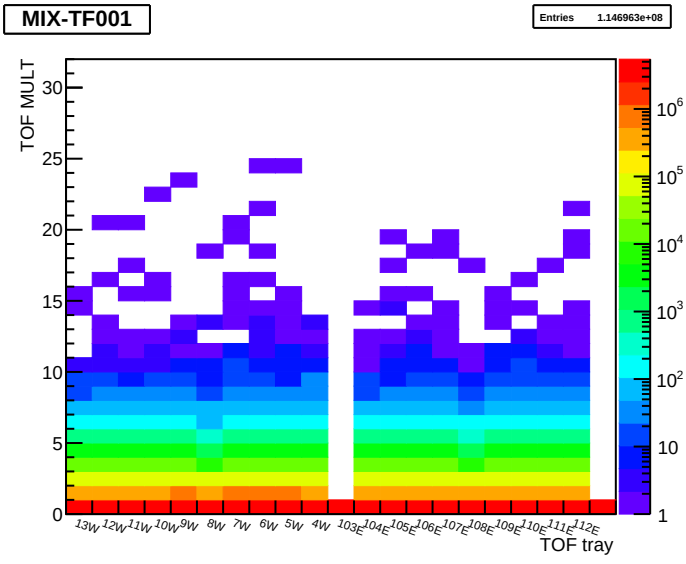

BunchId7Bit (JP2)
Entries 162781

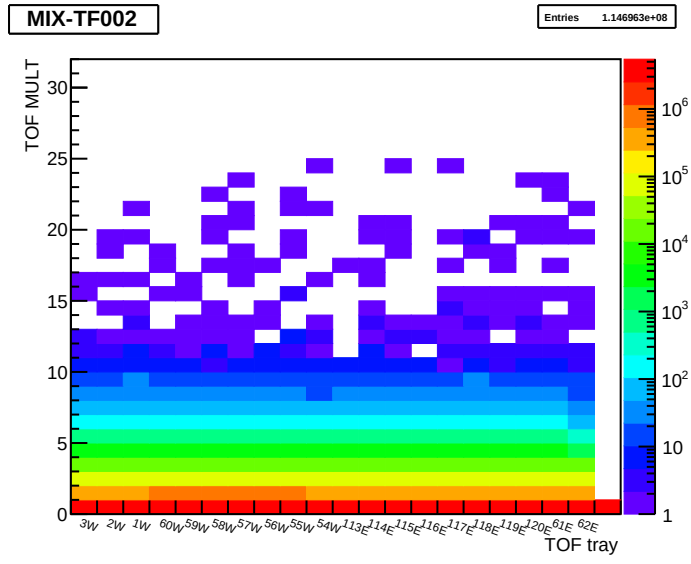

BunchId7Bit (BBC-TAC)
Entries3385253

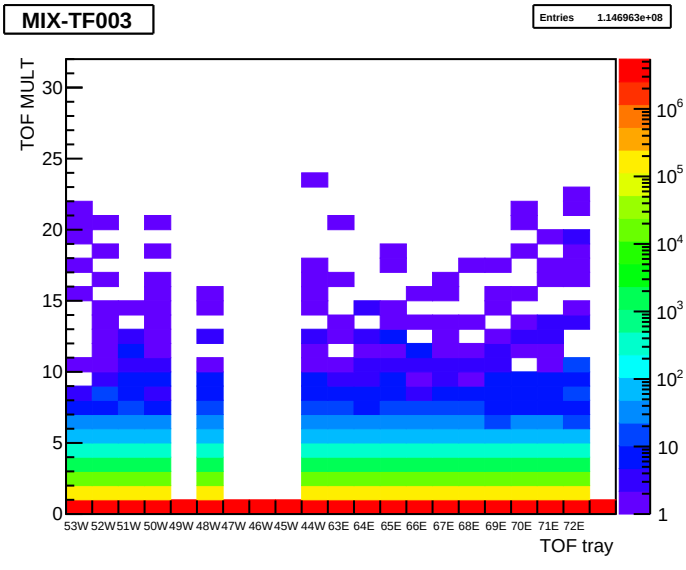

BunchId7Bit (VPD-TAC)
Entries 1952741

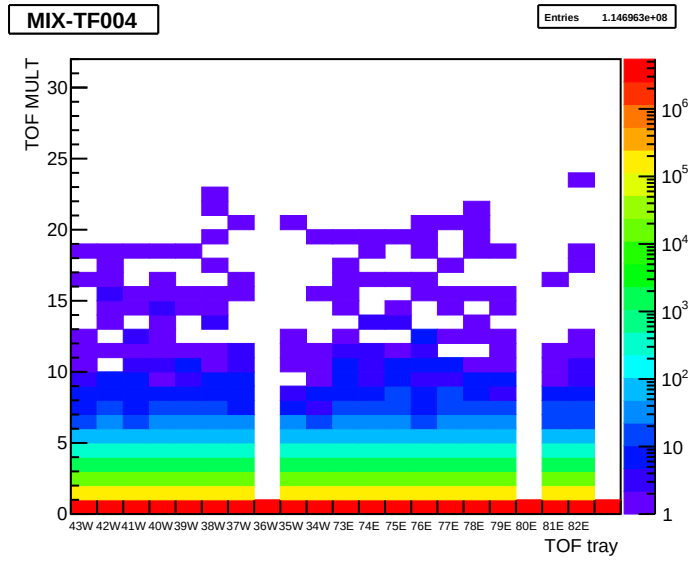

BunchId7Bit (MTD-th2)
Entries 0

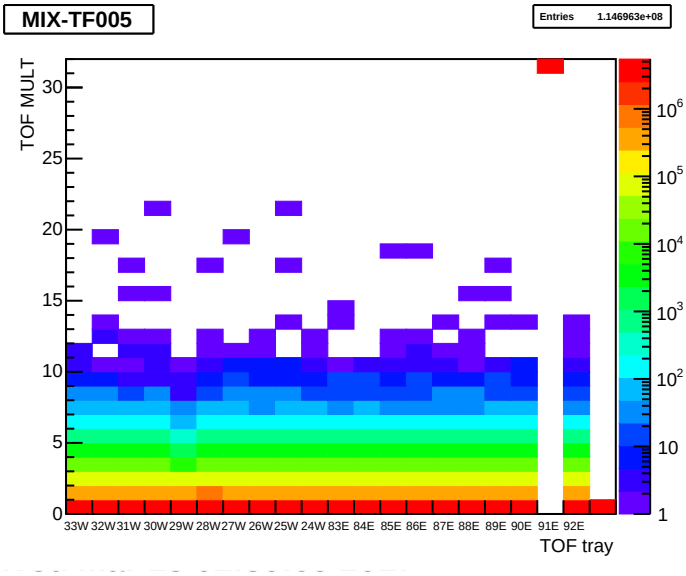

BunchId7Bit (RPET)
Entries1208933

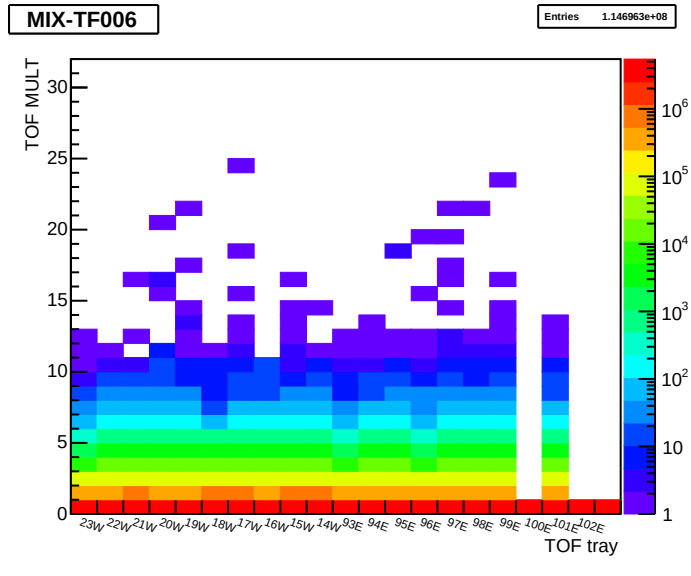

MIX-TF001
Entries 1.146963e+08
TOF MULT
TOF tray

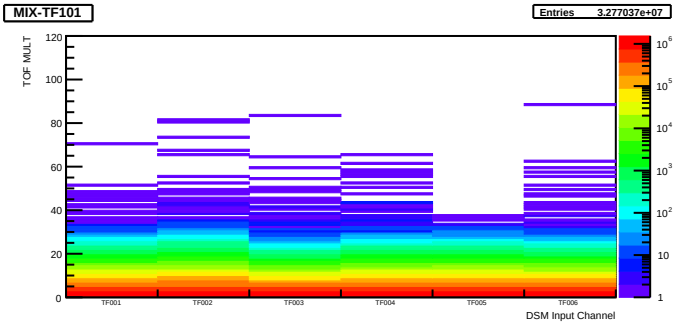

MIX-TF002
Entries 1.146963e+08
TOF MULT
TOF tray

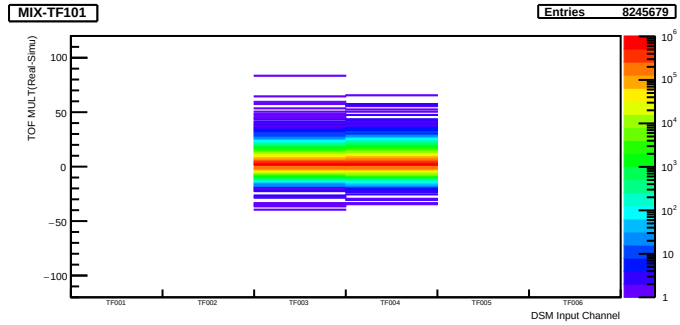

MIX-TF003
Entries 1.146963e+08
TOF MULT
TOF tray

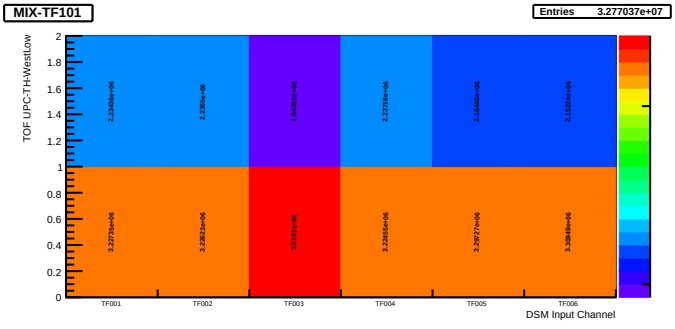

MIX-TF004
Entries 1.146963e+08
TOF MULT
TOF tray

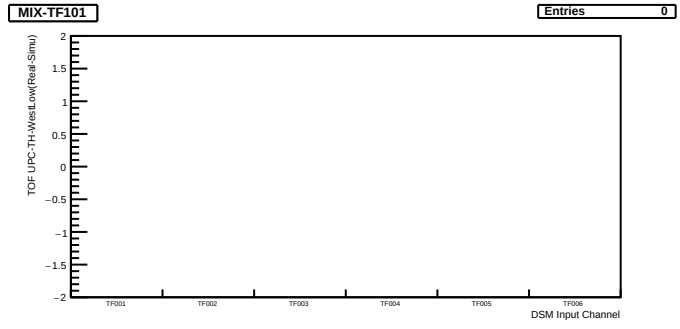

MIX-TF005
Entries 1.146963e+08
TOF MULT
TOF tray

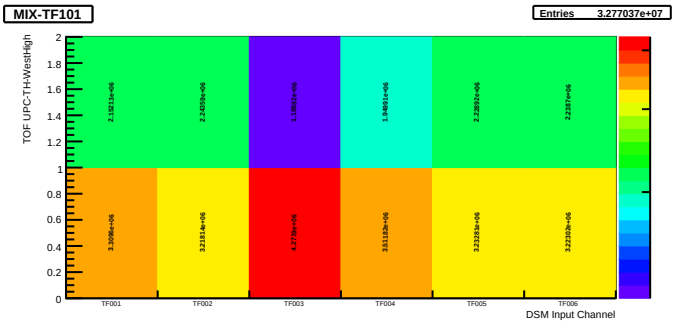

MIX-TF006
Entries 1.146963e+08
TOF MULT
TOF tray

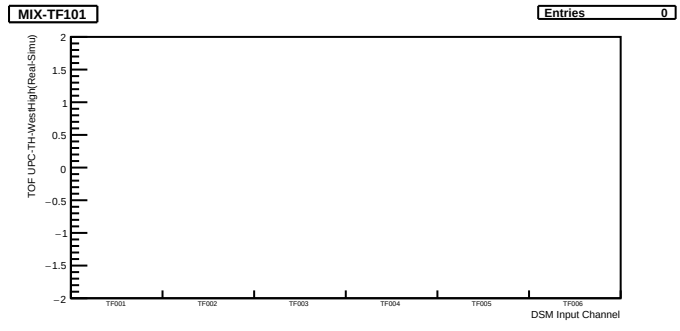

MIX-TF101
Entries 3.277037e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

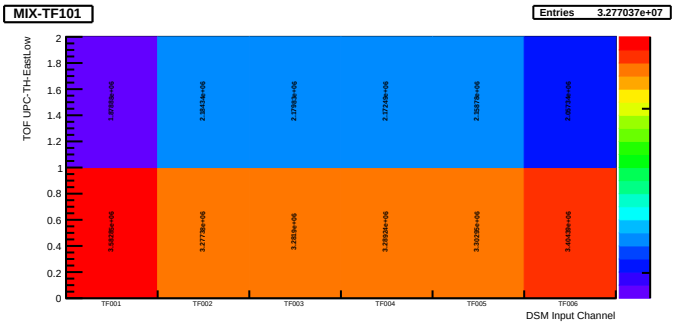

MIX-TF101
Entries 8245679
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

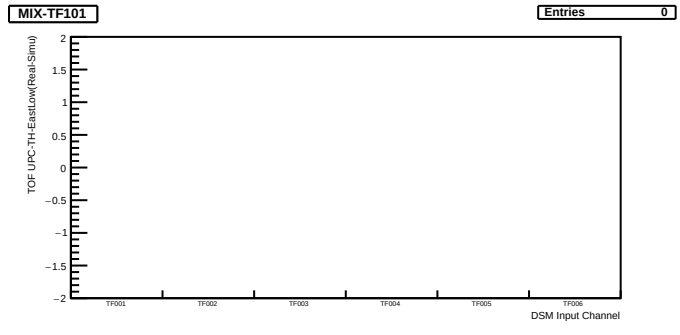

MIX-TF101
Entries 3.277037e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

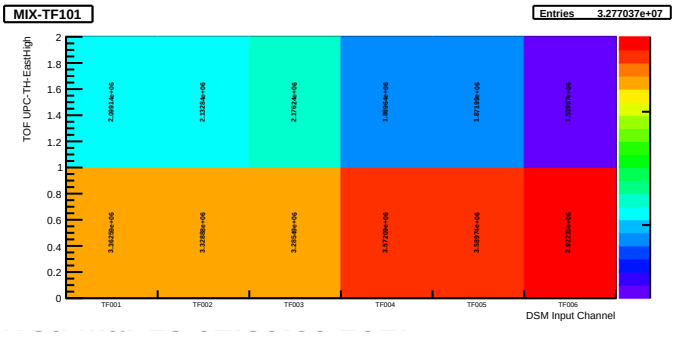

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

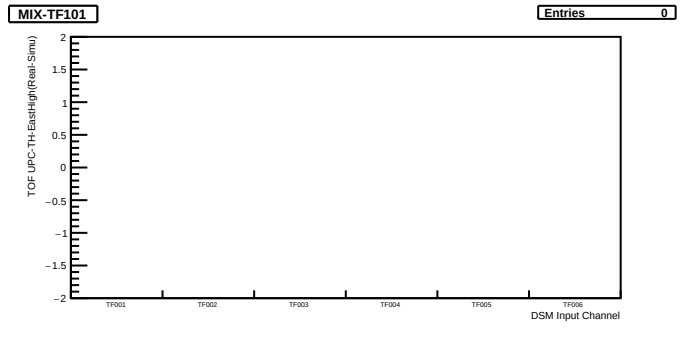

MIX-TF101
Entries 3.277037e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

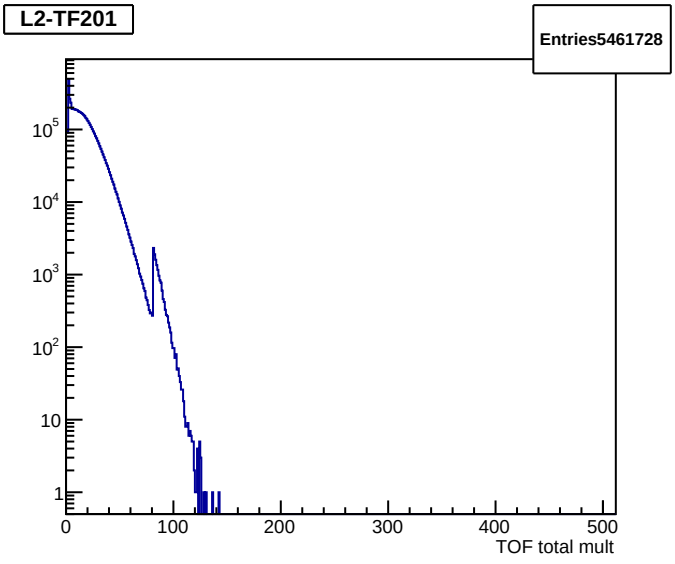

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

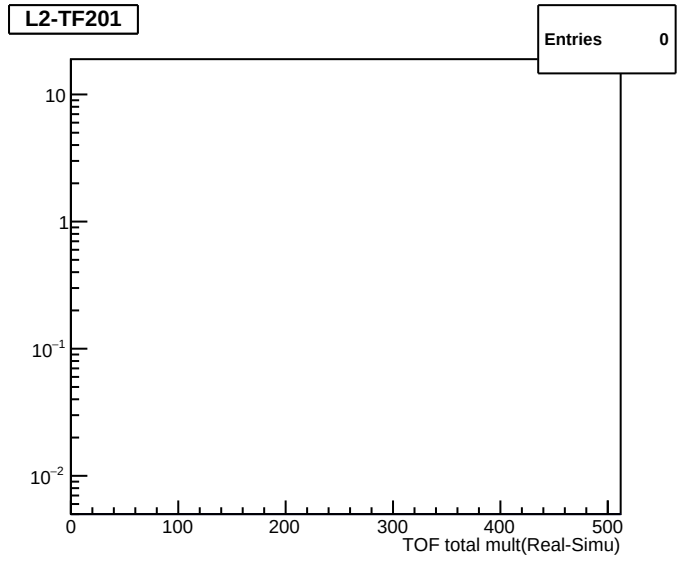

MIX-TF101
Entries 3.277037e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

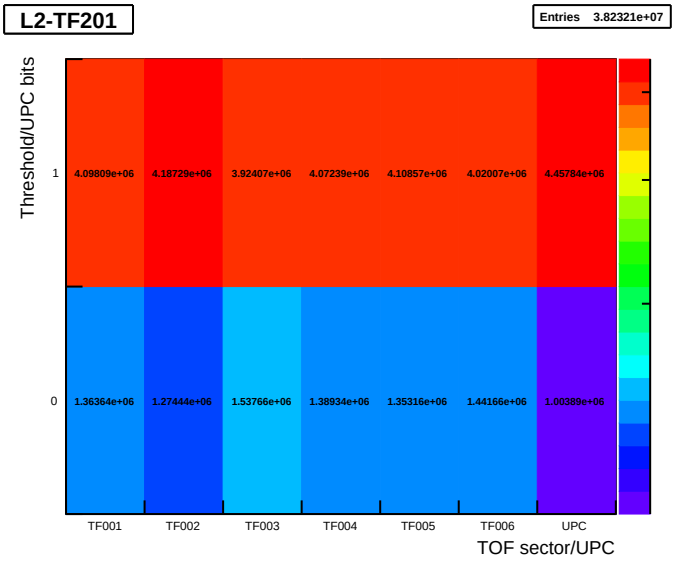

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

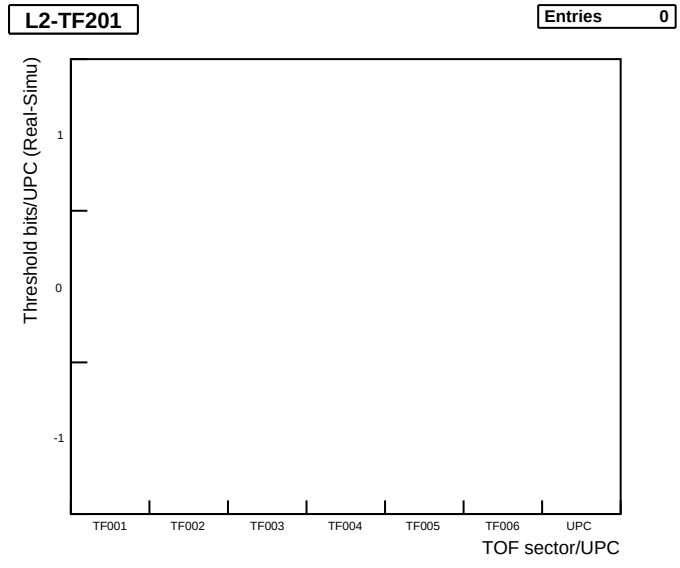

MIX-TF101
Entries 3.277037e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

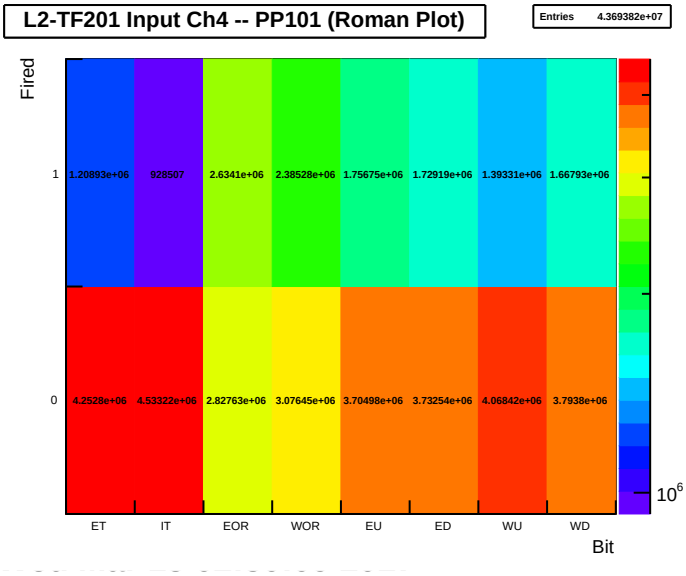

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

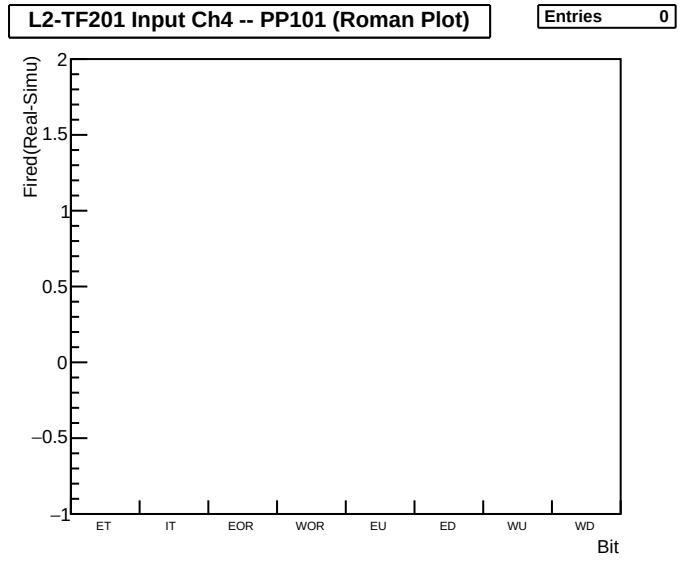

L2-TF201
Entries5461728
TOF total mult

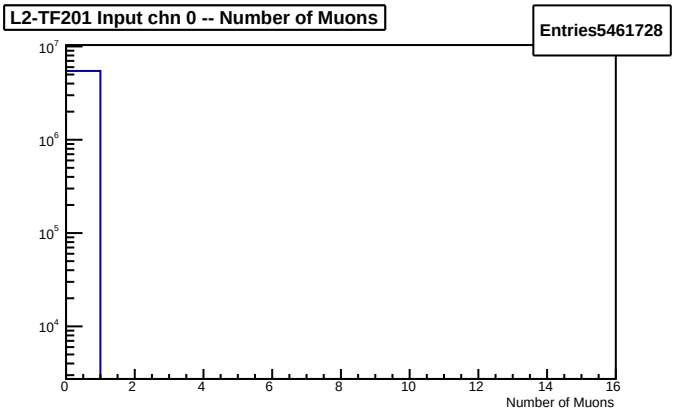

L2-TF201
Entries 0
TOF total mult(Real-Simu)

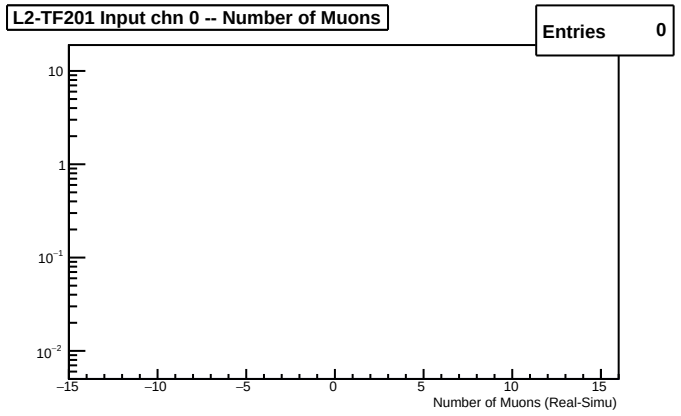

L2-TF201
Entries 3.82321e+07
Threshold/UPC bits
4.09809e+06
4.18729e+06
3.92407e+06
4.07239e+06
4.10857e+06
4.02007e+06
4.45784e+06
1.36364e+06
1.27444e+06
1.53766e+06
1.38934e+06
1.35316e+06
1.44166e+06
1.00389e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

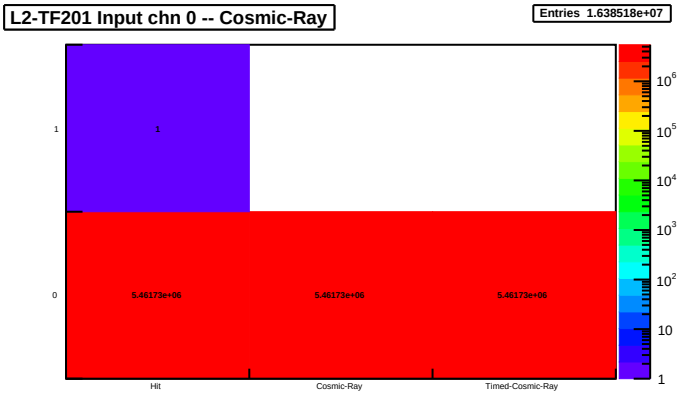

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

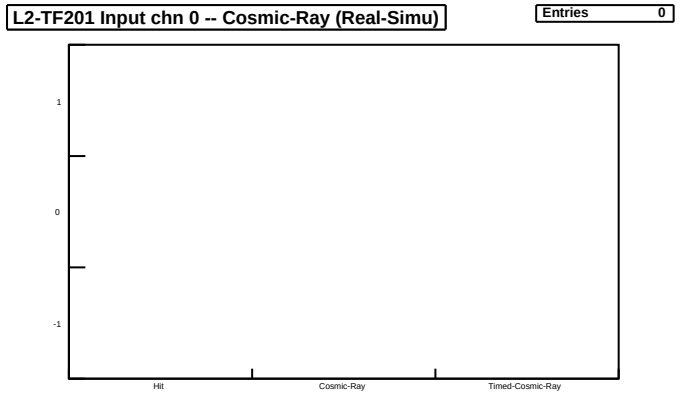

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.369382e+07
Fired
1.20893e+06
928507
2.6341e+06
2.38528e+06
1.75675e+06
1.72919e+06
1.39331e+06
1.66793e+06
4.2528e+06
4.53322e+06
2.82763e+06
3.07645e+06
3.70498e+06
3.73254e+06
4.06842e+06
3.7938e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

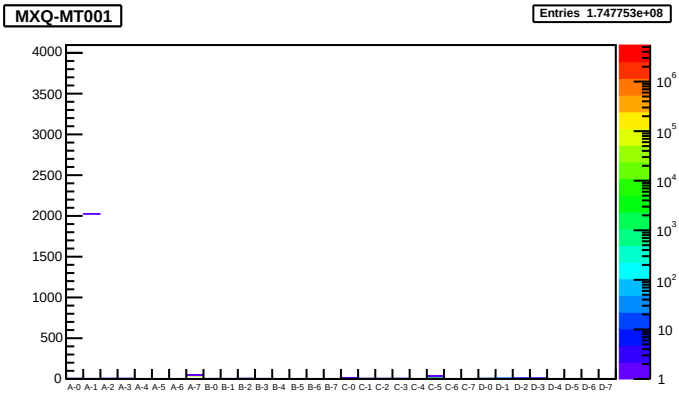

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

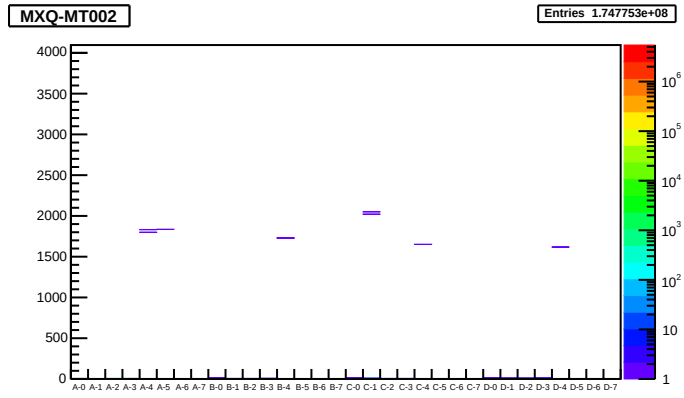

L2-TF201 Input chn 0 -- Number of Muons
Entries5461728
Number of Muons

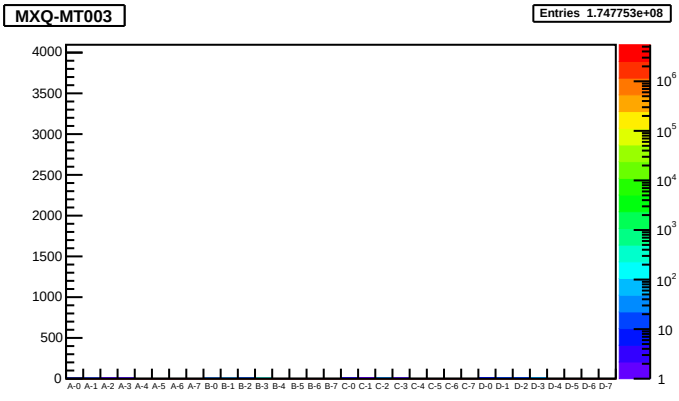

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

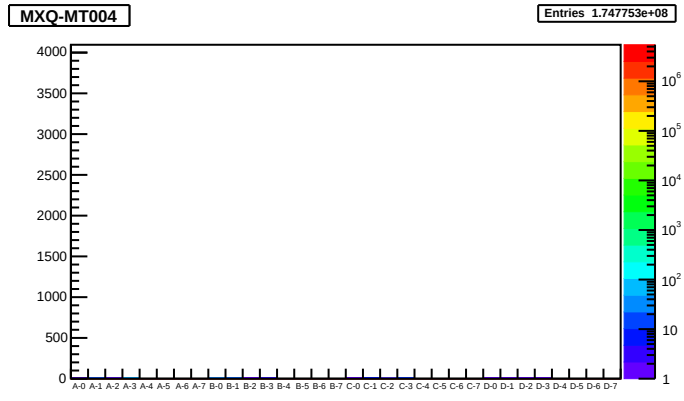

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.638518e+07
5.46173e+06
5.46173e+06
5.46173e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

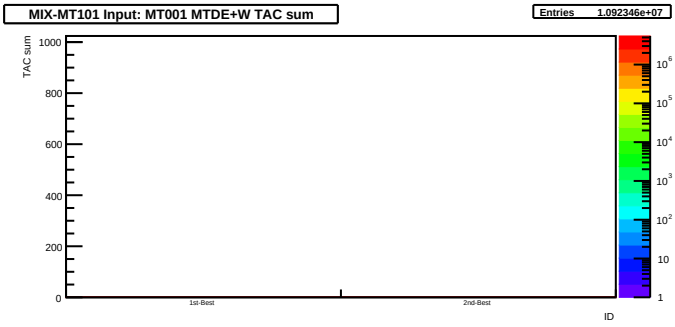

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

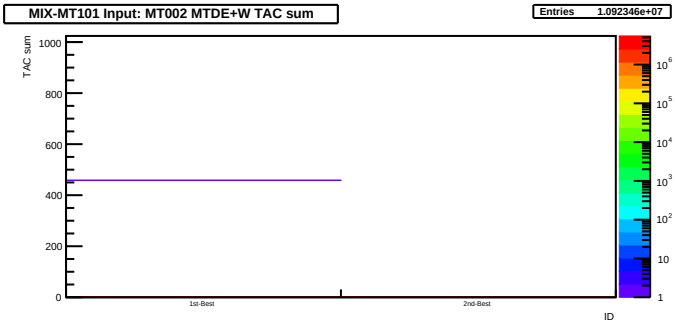

MXQ-MT001
Entries 1.747753e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

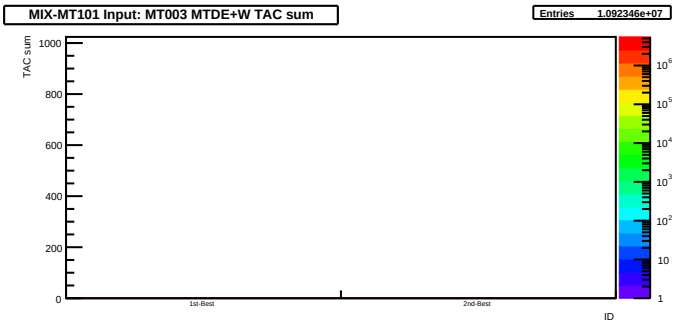

MXQ-MT002
Entries 1.747753e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

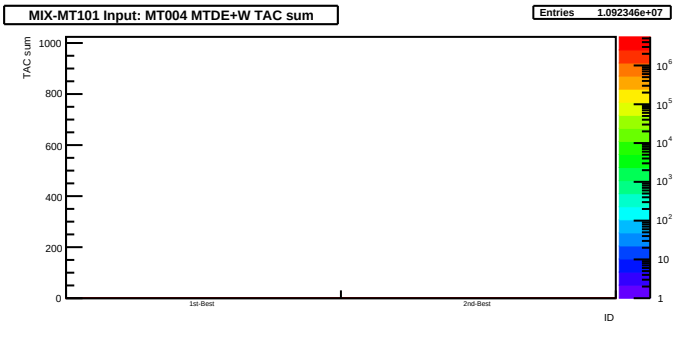

MXQ-MT003
Entries 1.747753e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

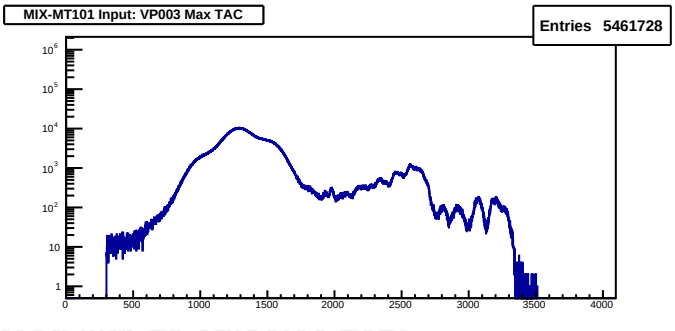

MXQ-MT004
Entries 1.747753e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

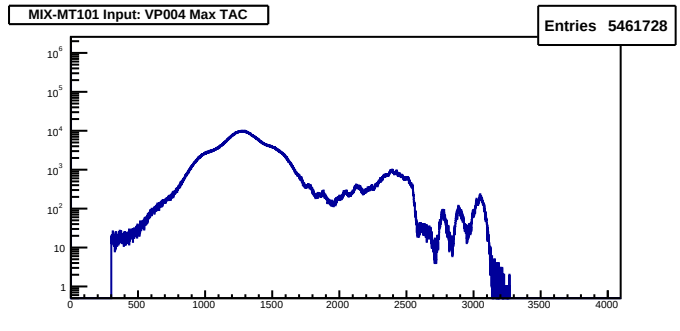

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.092346e+07
TAC sum
1st-Best
2nd-Best
ID

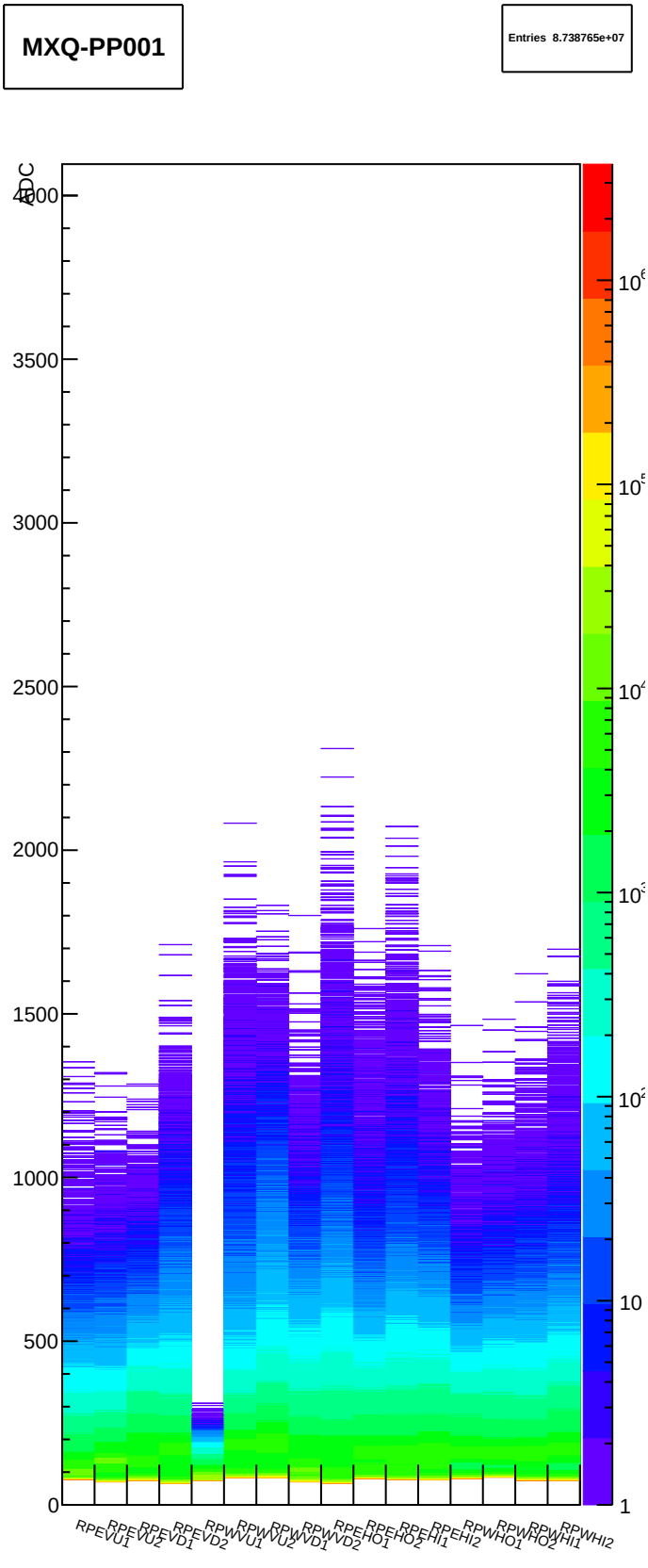

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.092346e+07
TAC sum
1st-Best
2nd-Best
ID

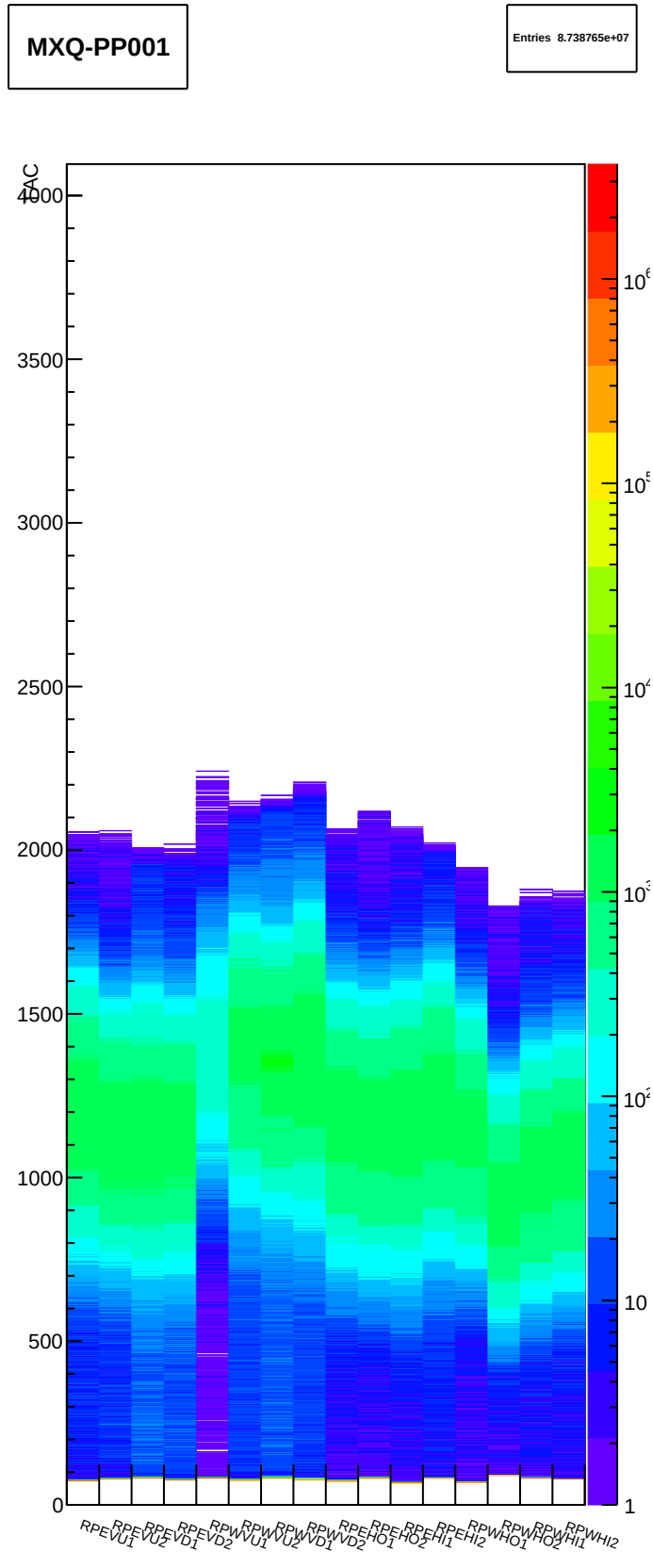

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.092346e+07
TAC sum
1st-Best
2nd-Best
ID

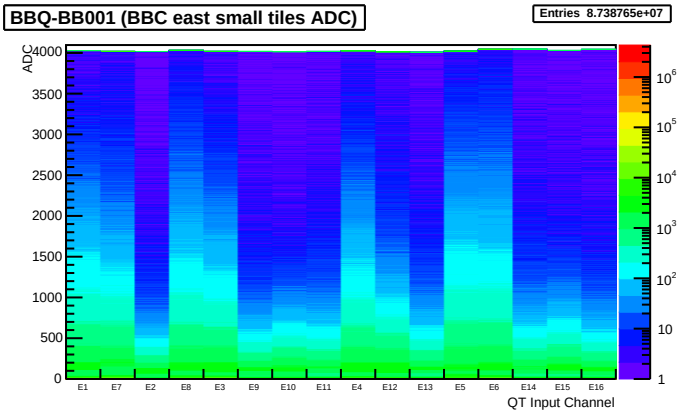

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.092346e+07
TAC sum
1st-Best
2nd-Best
ID

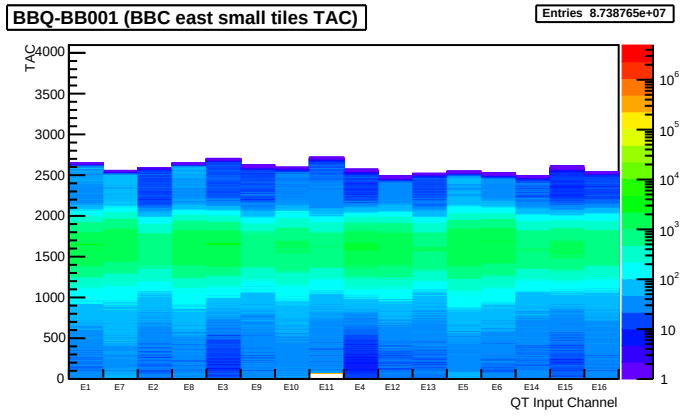

MIX-MT101 Input: VP003 Max TAC
Entries 5461728

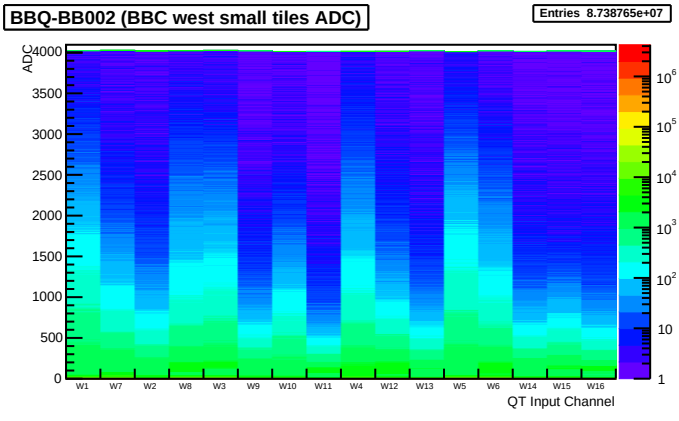

MIX-MT101 Input: VP004 Max TAC
Entries 5461728

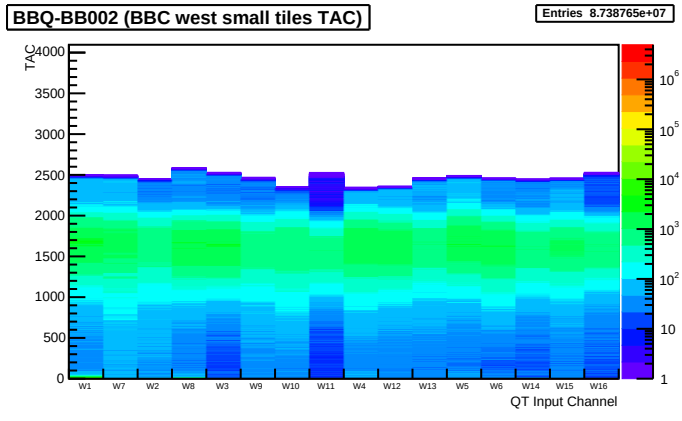

MXQ-PP001
Entries 8.738765e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

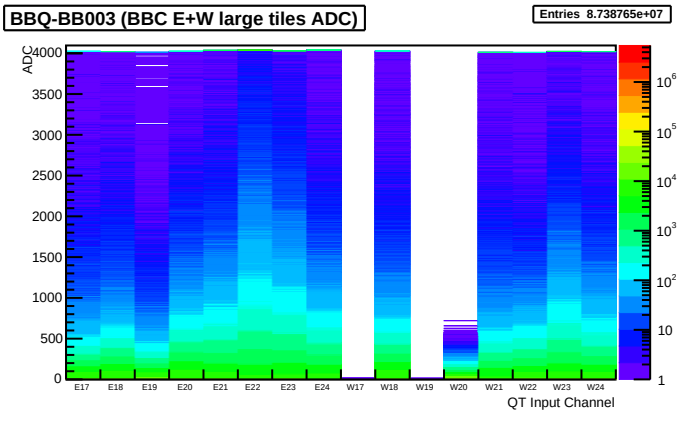

MXQ-PP001
Entries 8.738765e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

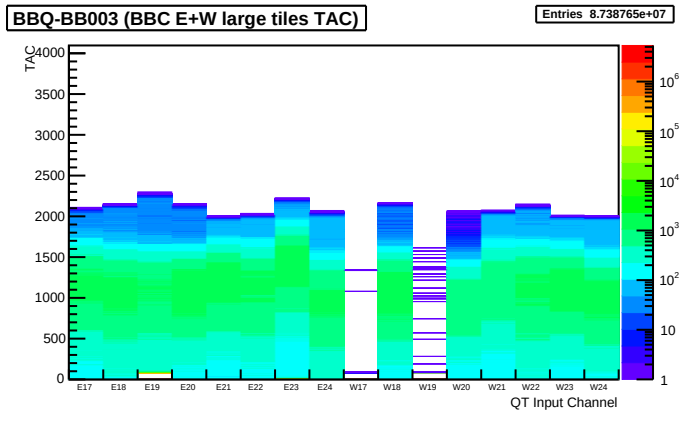

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.738765e+07
ADC
QT Input Channel

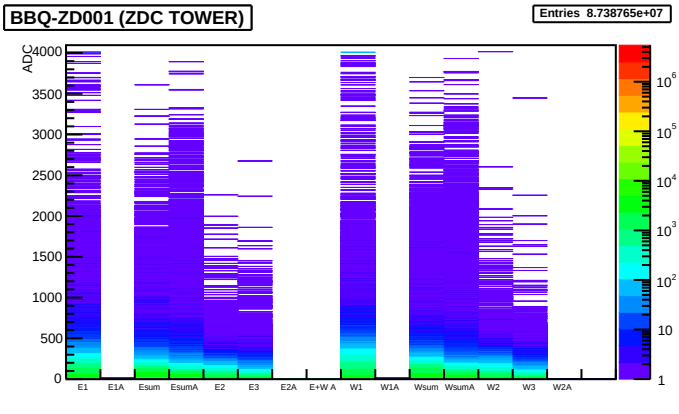

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.738765e+07
TAC
QT Input Channel

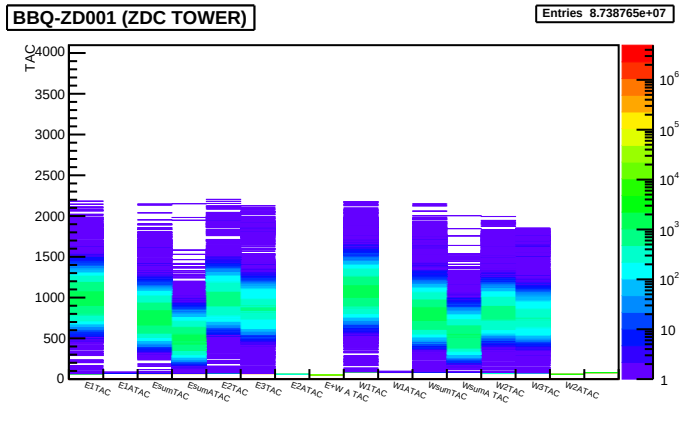

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.738765e+07
ADC
QT Input Channel

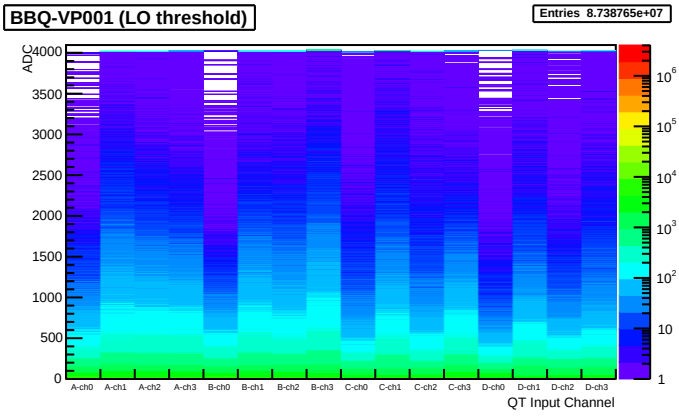

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.738765e+07
TAC
QT Input Channel

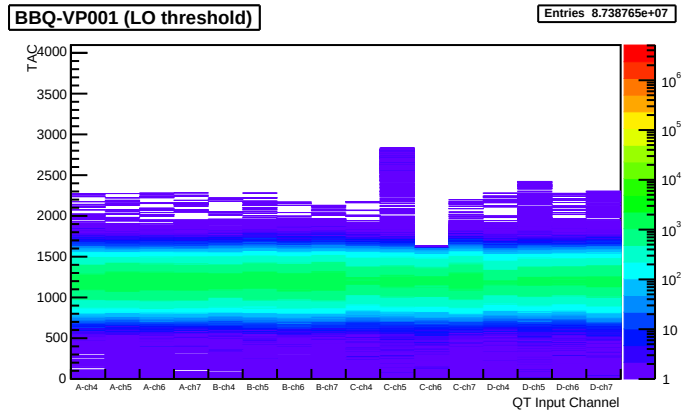

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.738765e+07
ADC
QT Input Channel

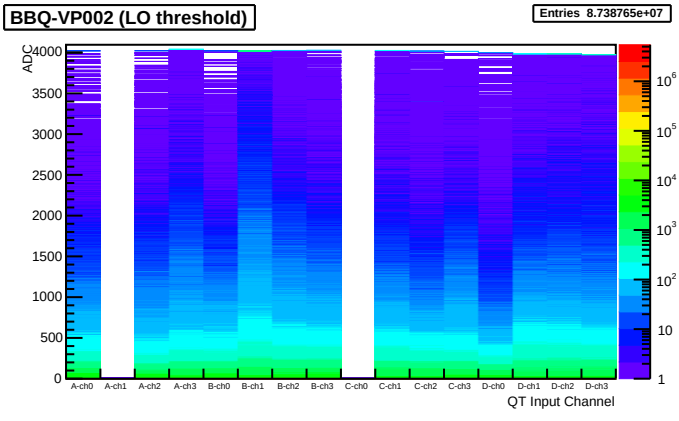

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.738765e+07
TAC
QT Input Channel

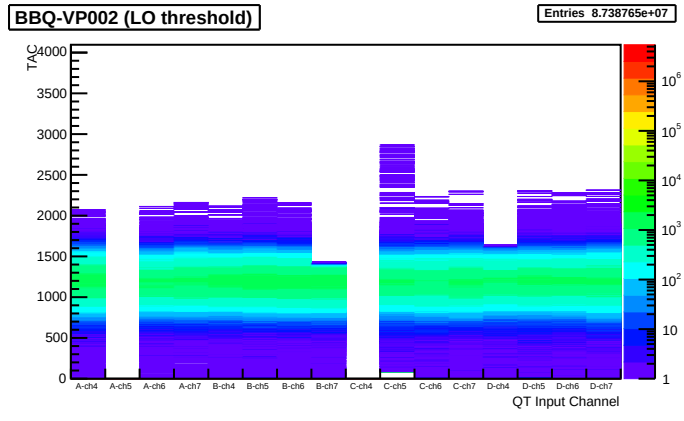

BBQ-ZD001 (ZDC TOWER)
Entries 8.738765e+07
ADC

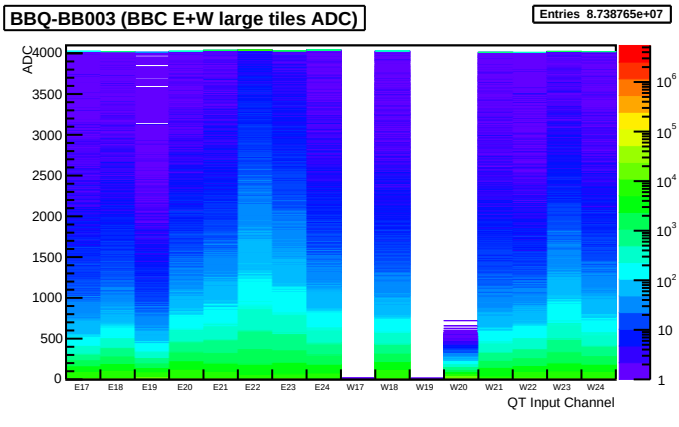

BBQ-ZD001 (ZDC TOWER)
Entries 8.738765e+07
TAC

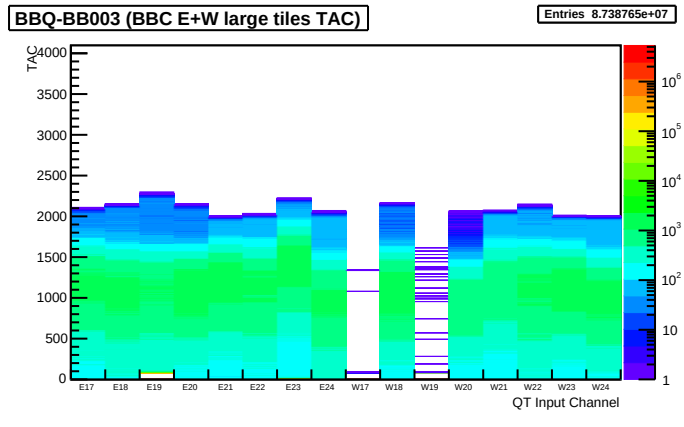

BBQ-VP001 (LO threshold)
Entries 8.738765e+07
ADC
QT Input Channel

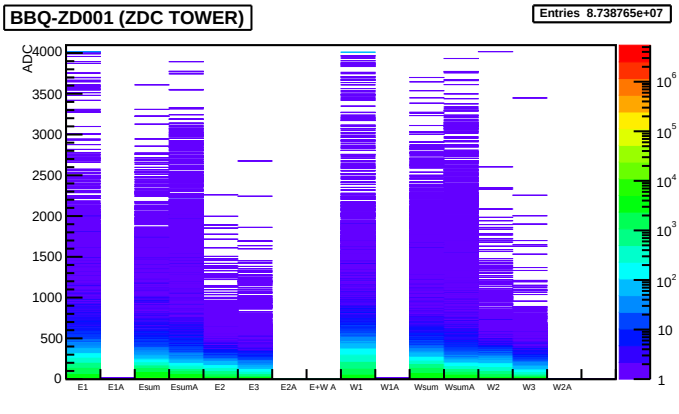

BBQ-VP001 (LO threshold)
Entries 8.738765e+07
TAC
QT Input Channel

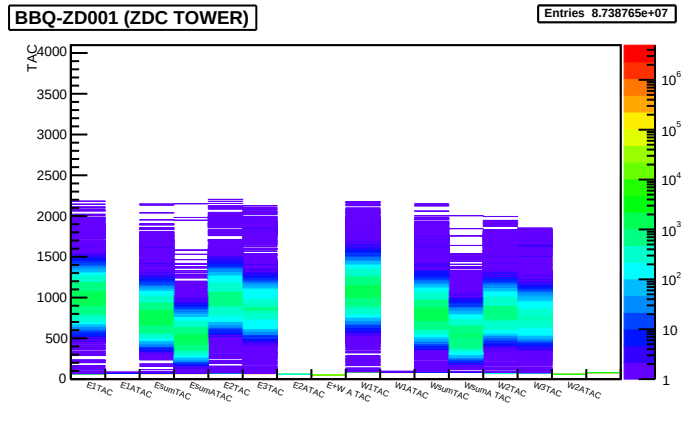

BBQ-VP002 (LO threshold)
Entries 8.738765e+07
ADC
QT Input Channel

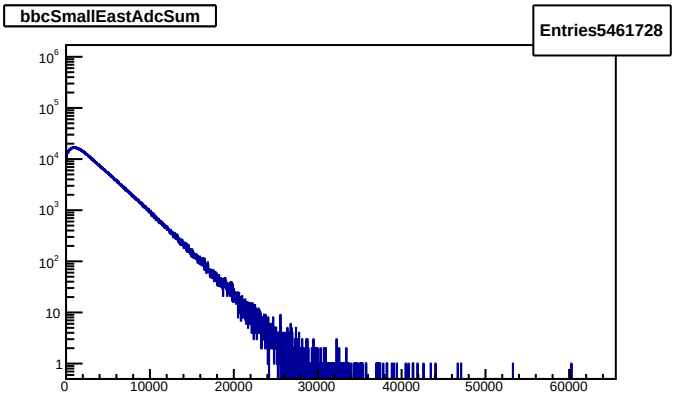

BBQ-VP002 (LO threshold)
Entries 8.738765e+07
TAC
QT Input Channel

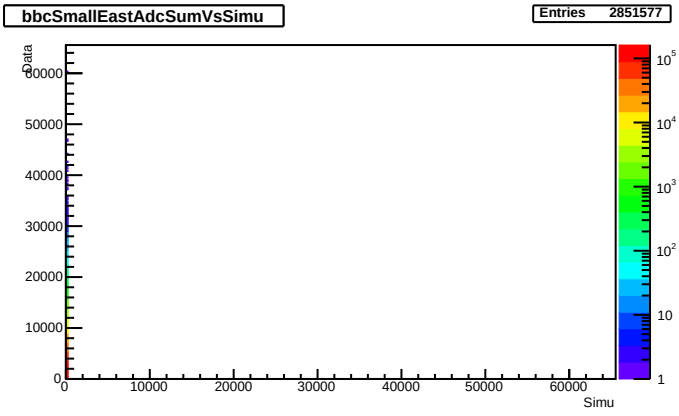

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.738765e+07
ADC
QT Input Channel

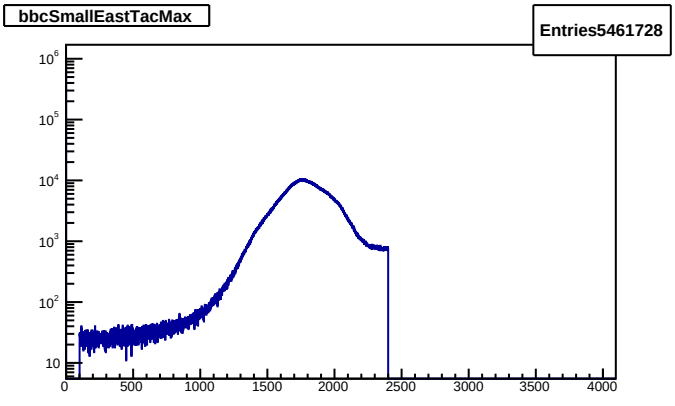

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.738765e+07
TAC
QT Input Channel

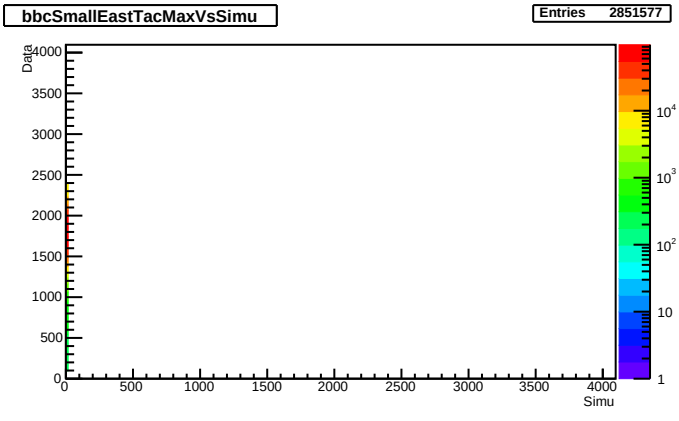

BBQ-ZD001 (ZDC TOWER)
Entries 8.738765e+07
ADC

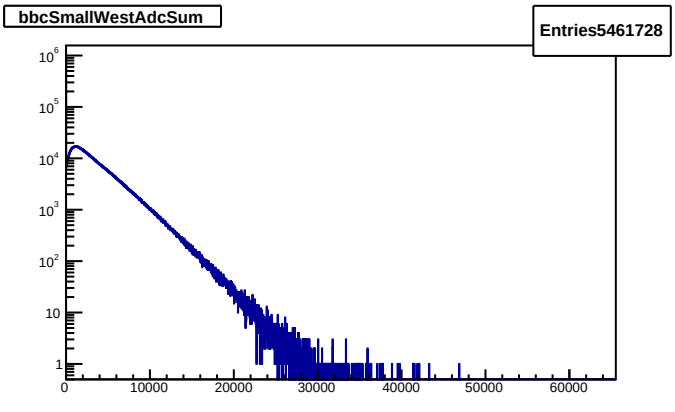

BBQ-ZD001 (ZDC TOWER)
Entries 8.738765e+07
TAC

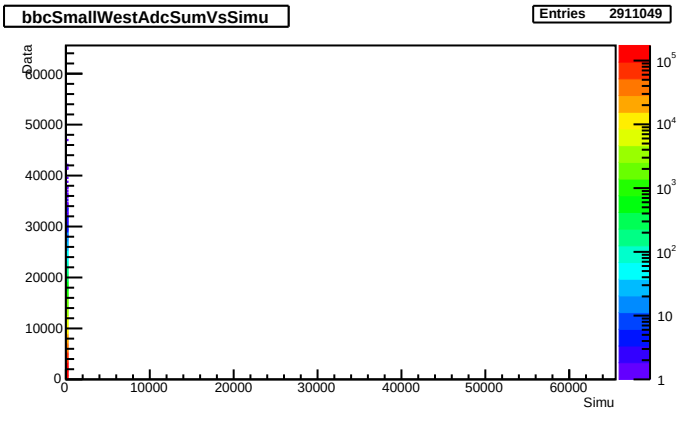

bbcSmallEastAdcSum
Entries5461728

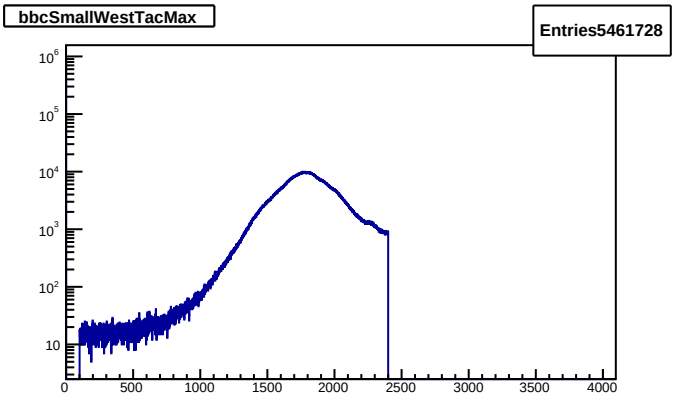

bbcSmallEastAdcSumVsSimu
Entries 2851577
Data
Simu

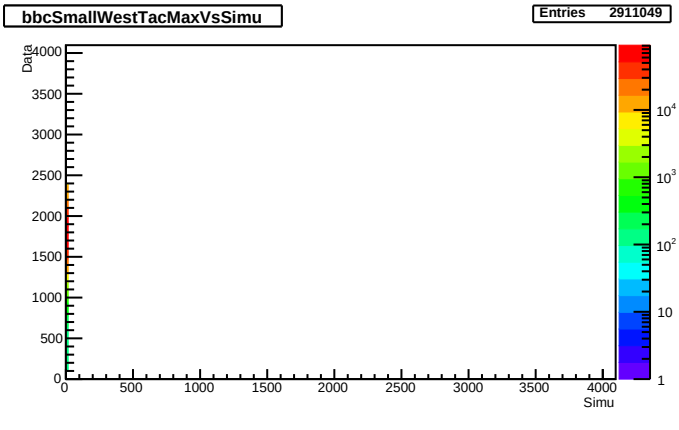

bbcSmallEastTacMax
Entries5461728

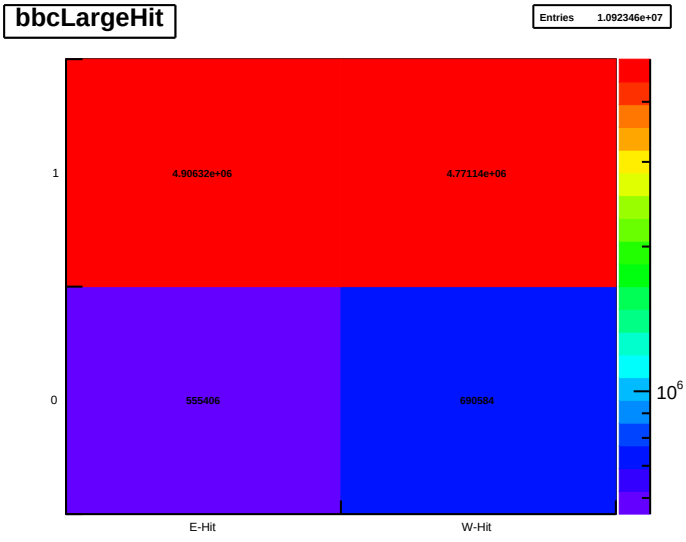

bbcSmallEastTacMaxVsSimu
Entries 2851577
Data
Simu

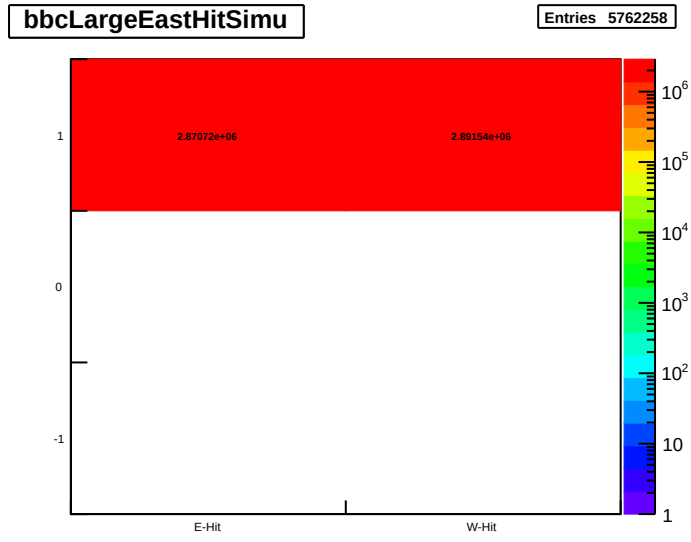

bbcSmallWestAdcSum
Entries5461728

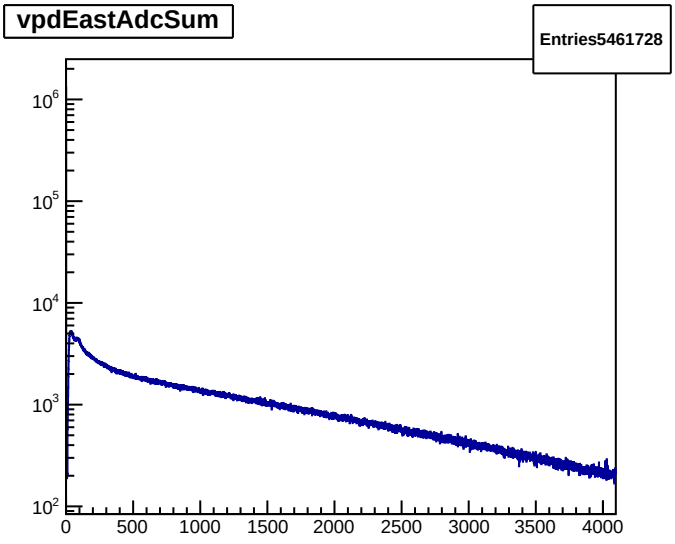

bbcSmallWestAdcSumVsSimu
Entries 2911049
Data
Simu

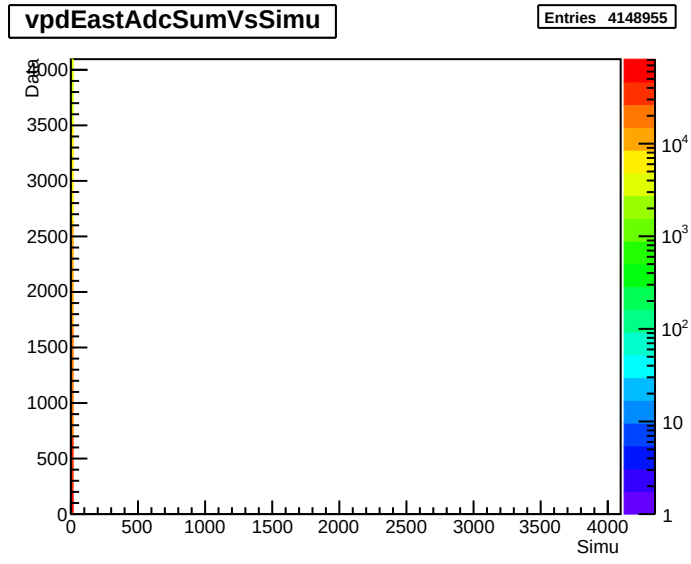

bbcSmallWestTacMax
Entries5461728

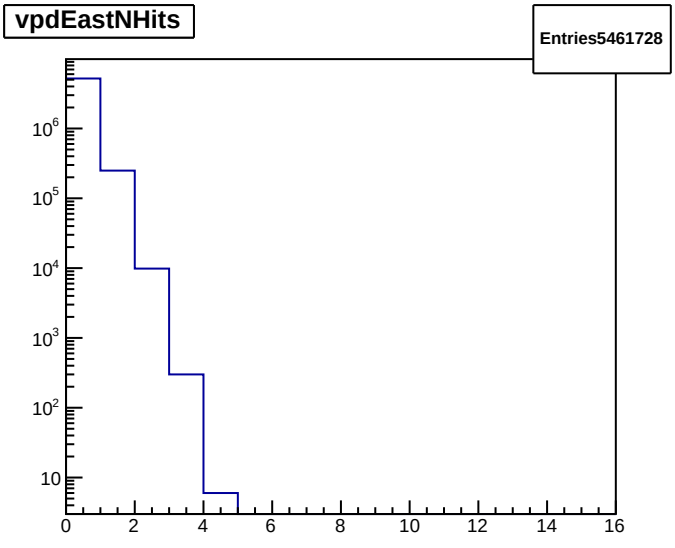

bbcSmallWestTacMaxVsSimu
Entries 2911049
Data
Simu

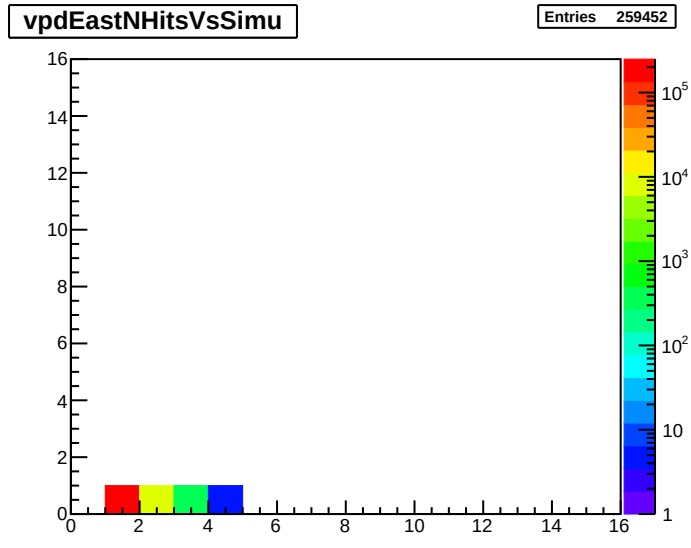

bbcLargeHit
Entries 1.092346e+07
4.90632e+06
4.77114e+06
555406
690584
1
0
E-Hit
W-Hit
10^6

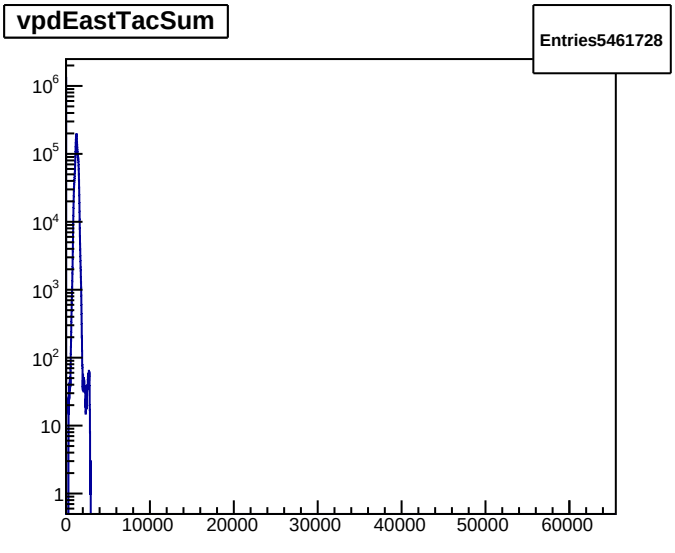

bbcLargeEastHitSimu
Entries 5762258
2.87072e+06
2.89154e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

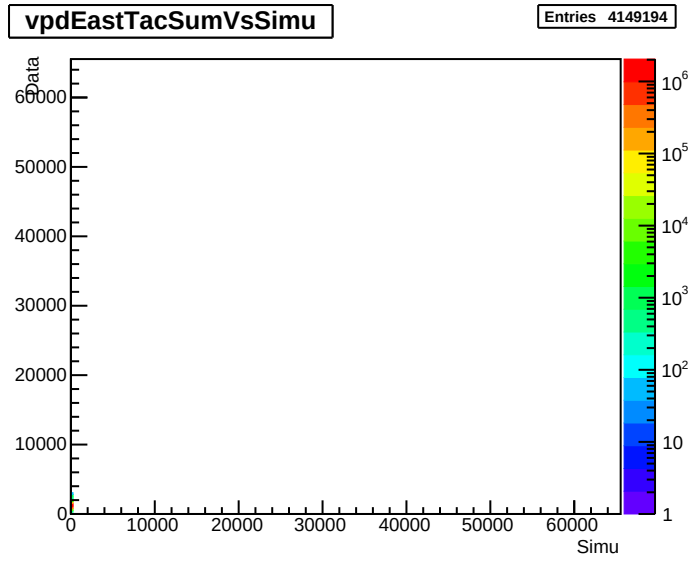

vpdEastAdcSum
Entries5461728

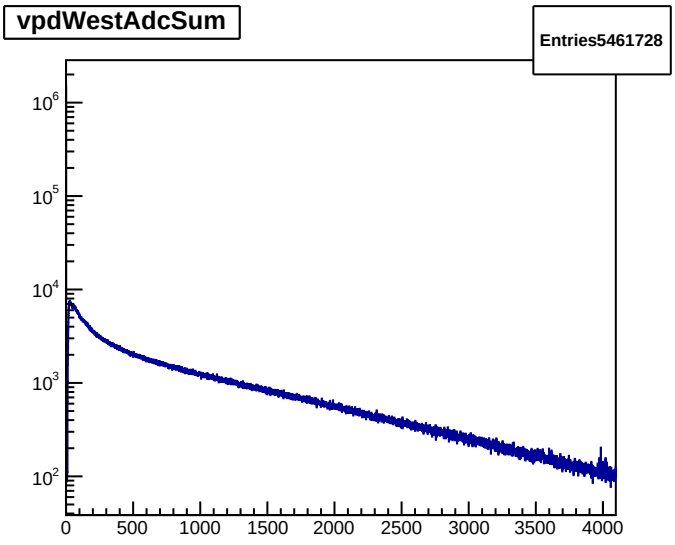

vpdEastAdcSumVsSimu
Entries 4148955
Data
Simu

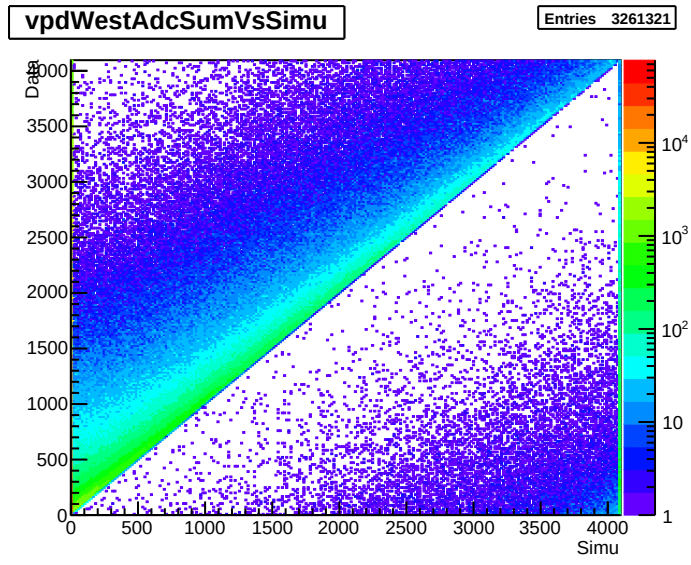

vpdEastNHits
Entries5461728

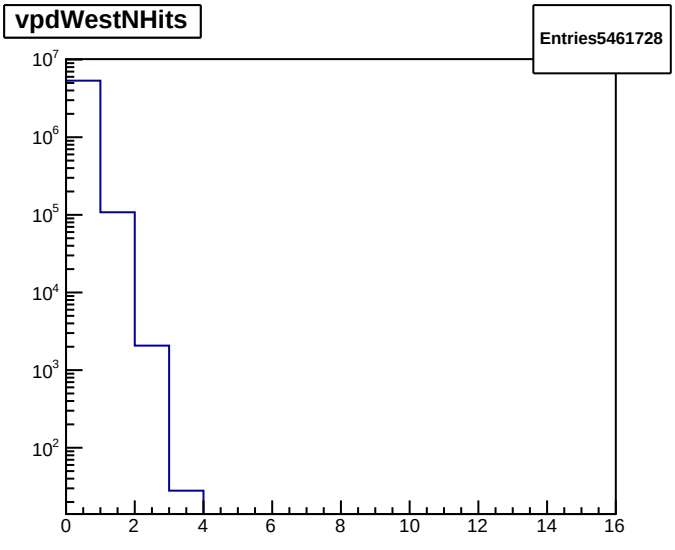

vpdEastNHitsVsSimu
Entries 259452

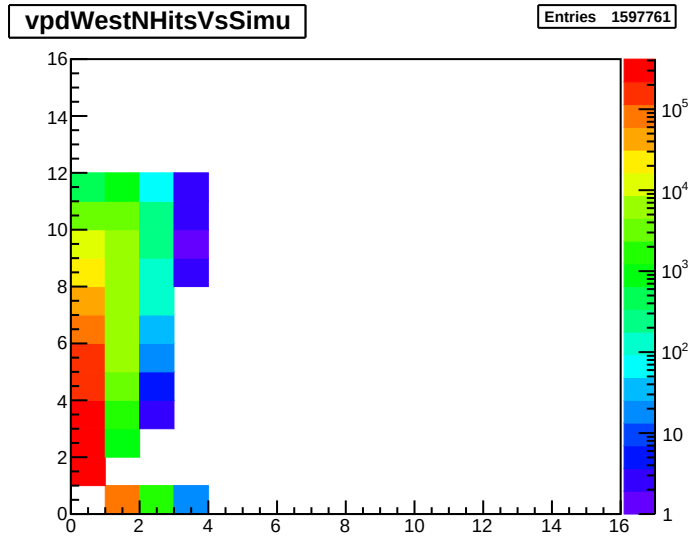

vpdEastTacSum
Entries5461728

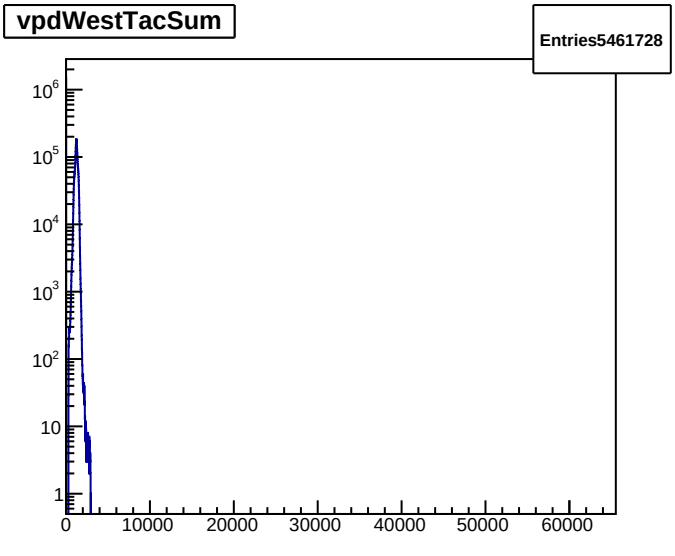

vpdEastTacSumVsSimu
Entries 4149194
Data
Simu

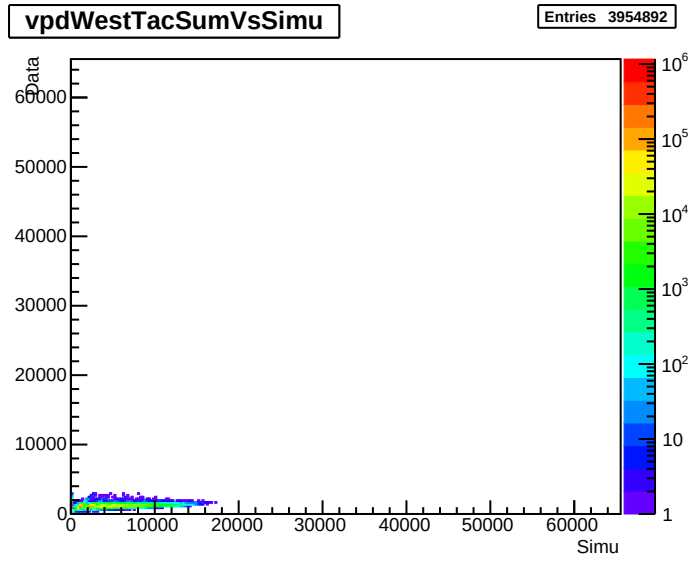

vpdWestAdcSum
Entries5461728

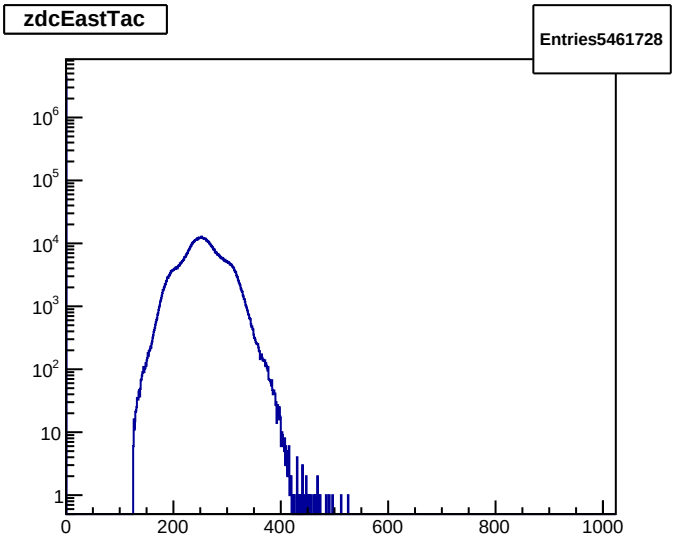

vpdWestAdcSumVsSimu
Entries 3261321
Data
Simu

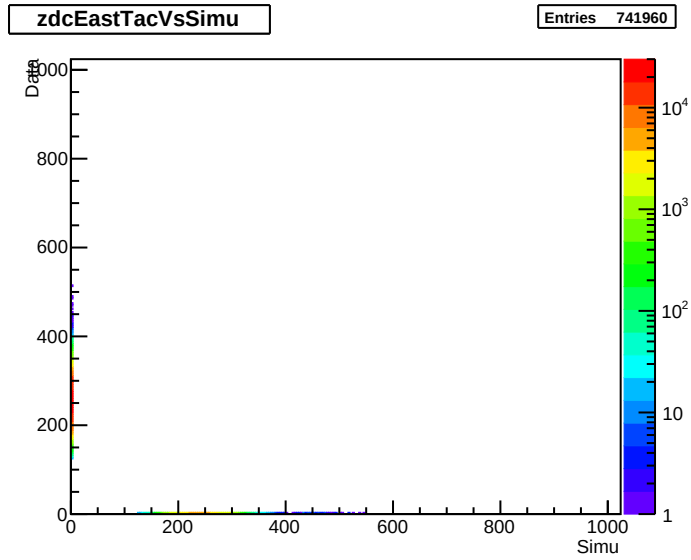

vpdWestNHits
Entries5461728

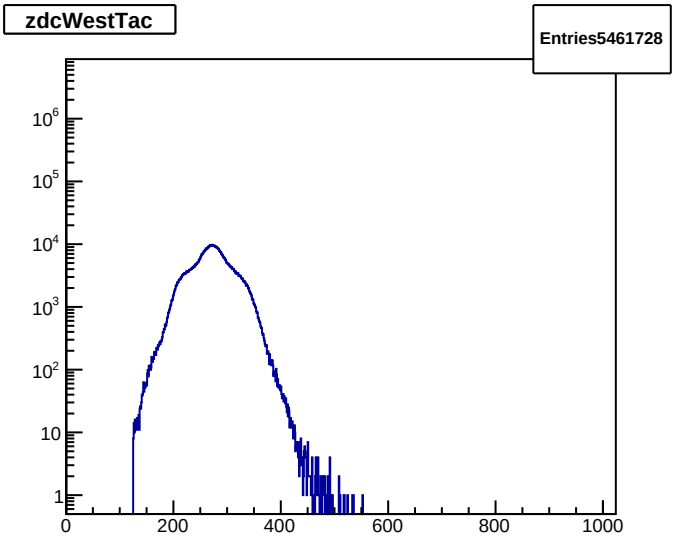

vpdWestNHitsVsSimu
Entries 1597761

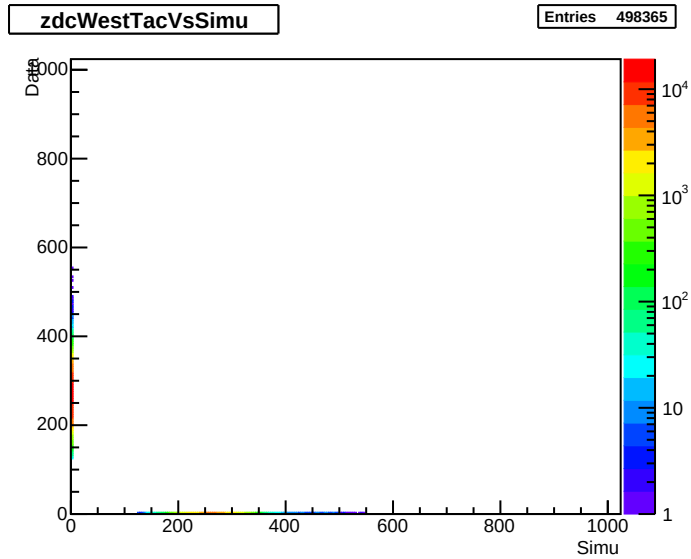

vpdWestTacSum
Entries5461728

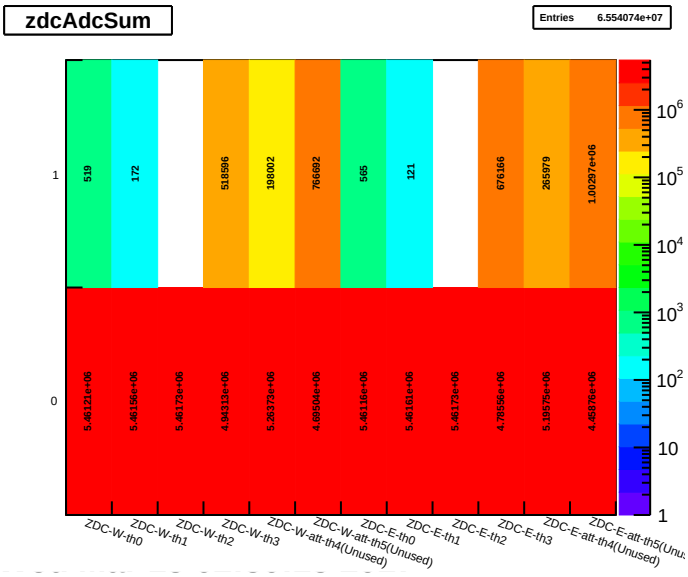

vpdWestTacSumVsSimu
Entries 3954892
Data
Simu

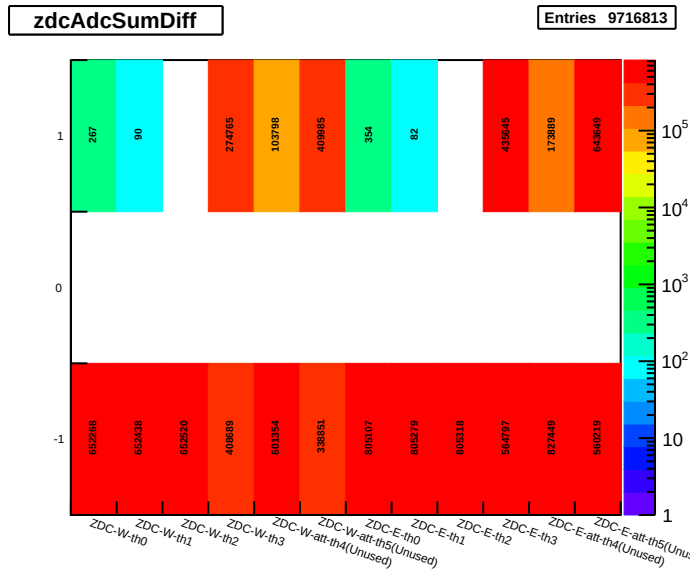

zdcEastTac
Entries5461728

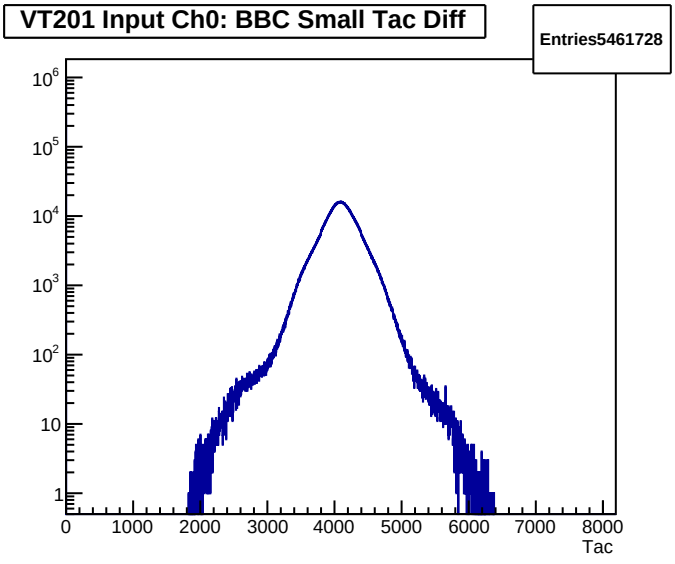

zdcEastTacVsSimu
Entries 741960
Data
Simu

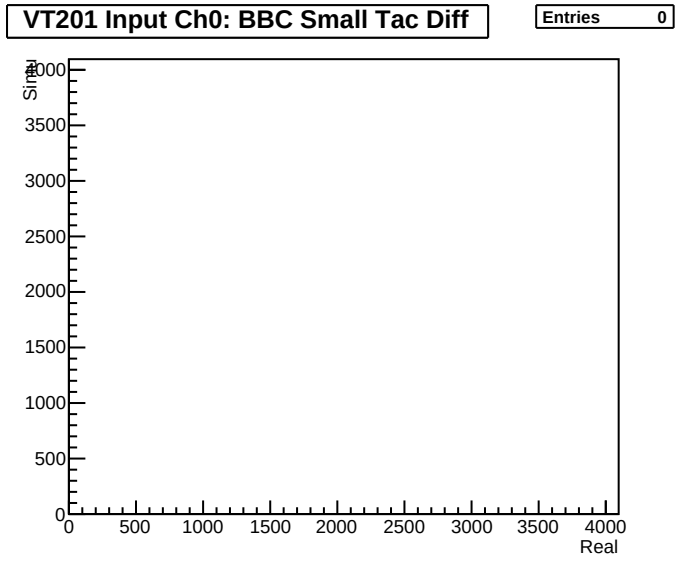

zdcWestTac
Entries5461728

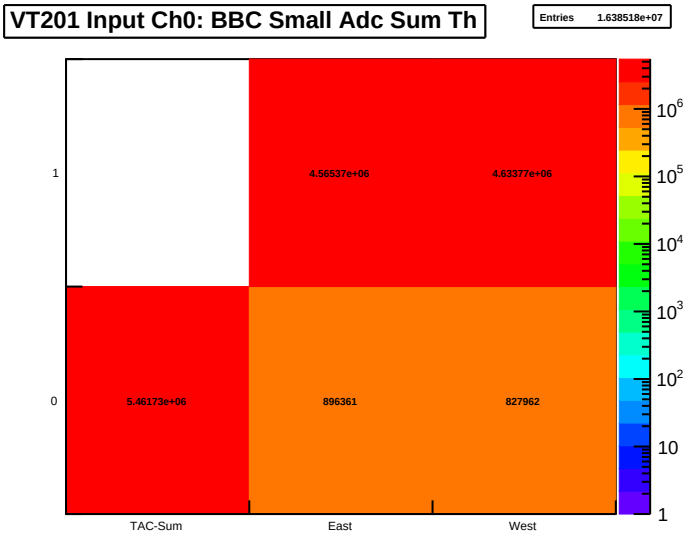

zdcWestTacVsSimu
Entries 498365
Data
Simu

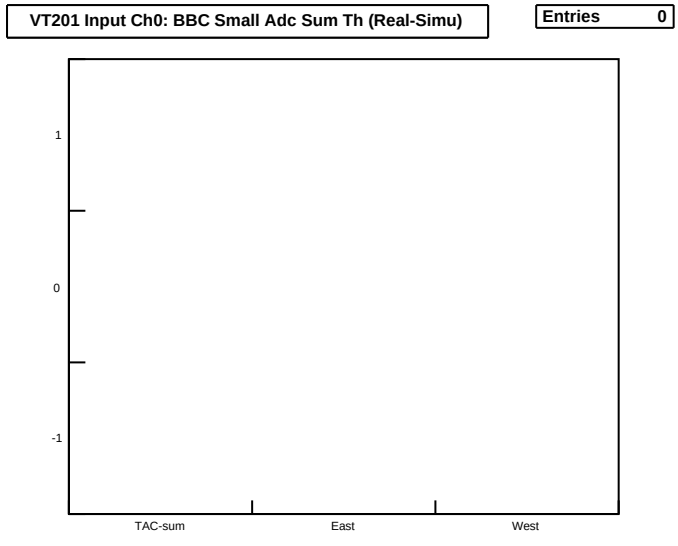

zdcAdcSum
Entries 6.554074e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

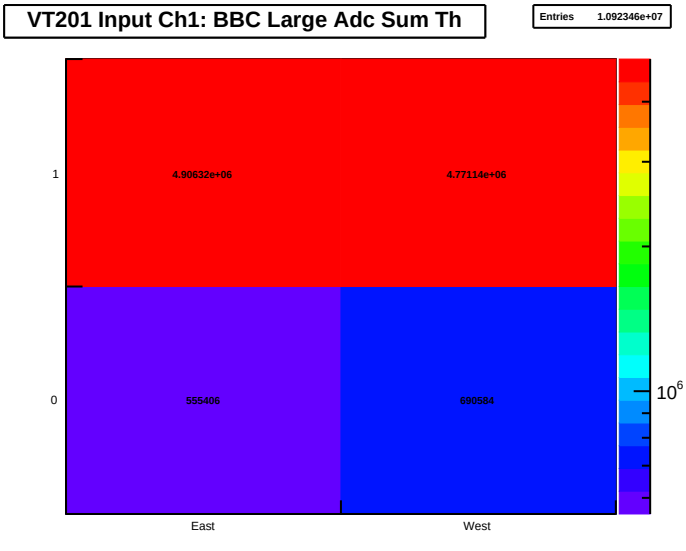

zdcAdcSumDiff
Entries 9716813
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

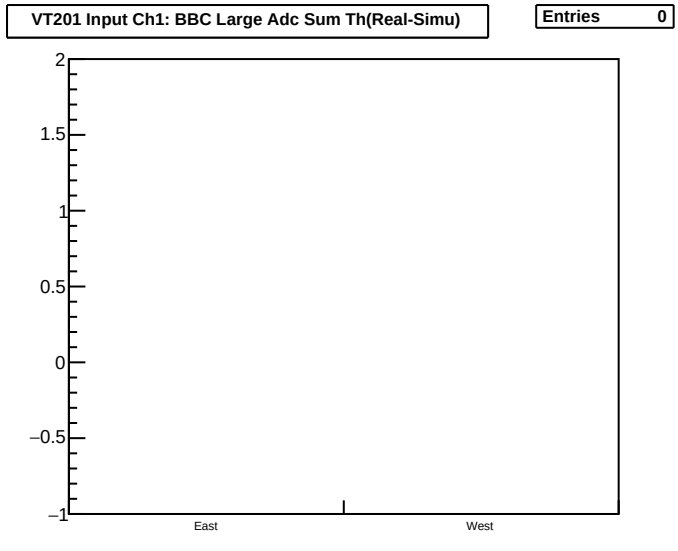

VT201 Input Ch0: BBC Small Tac Diff
Entries5461728
Tac


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

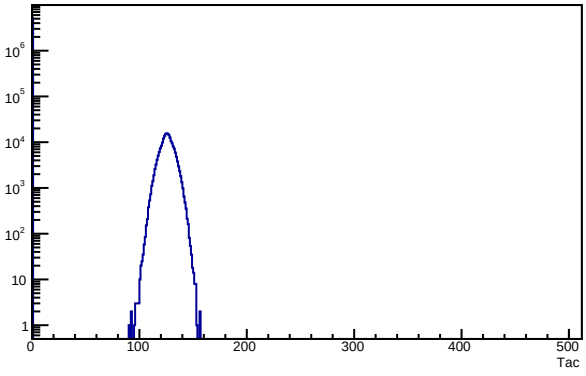

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.638518e+07
4.56537e+06
4.63377e+06
5.46173e+06
896361
827962
TAC-Sum
East
West


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

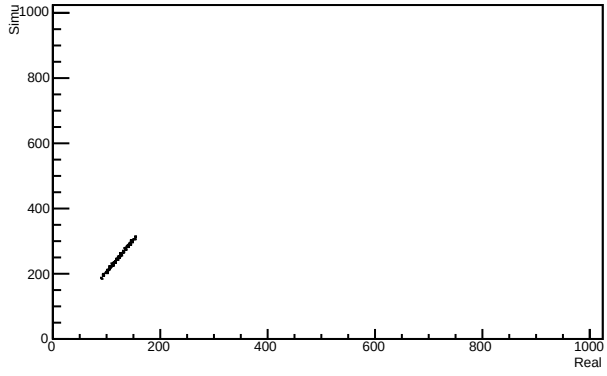

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.092346e+07
4.90632e+06
4.77114e+06
555406
690584
East
West


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

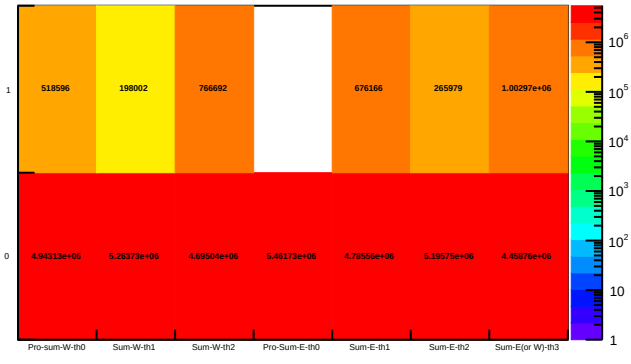
VT201 Input Ch2: ZDC Tac Diff



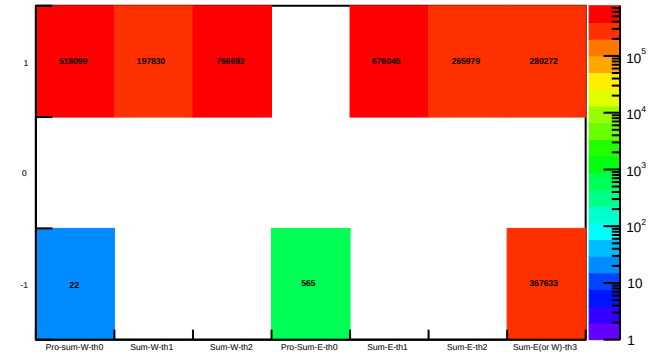
VT201 Input Ch2: ZDC Tac Diff



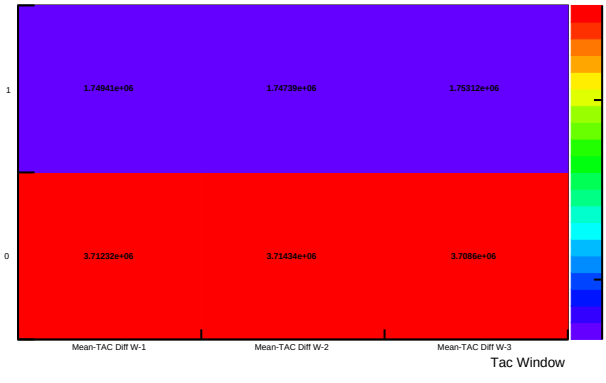
VT201 Input Ch2: ZDC Adc Sum Th



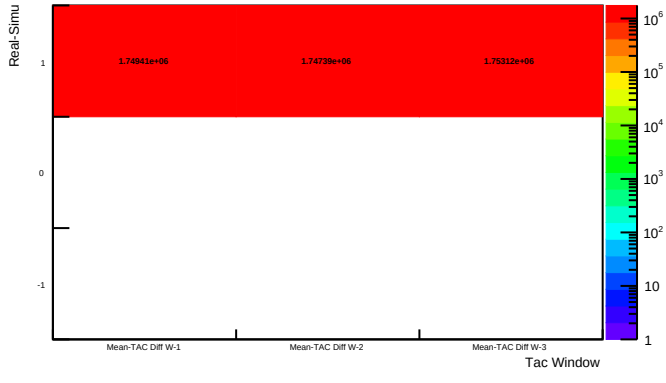
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



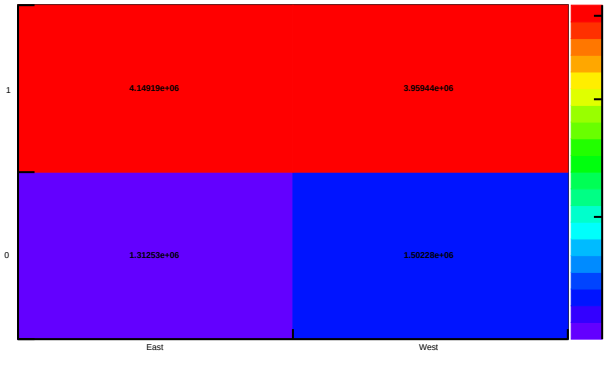
VT201 Input Ch4: VPD Tac Diff



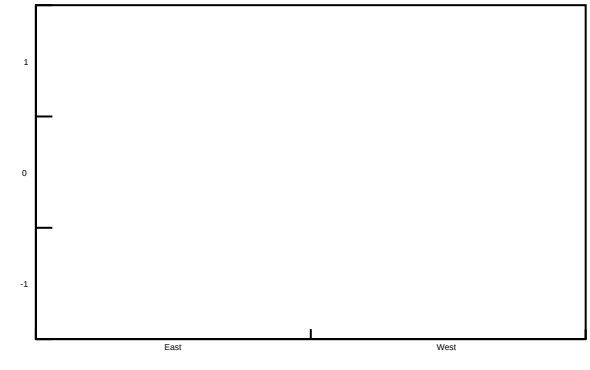
VT201 Input Ch4: VPD Tac Diff

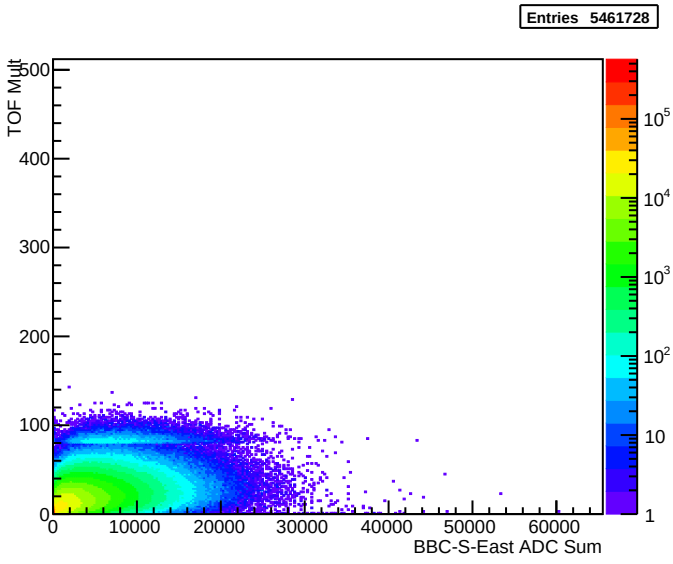


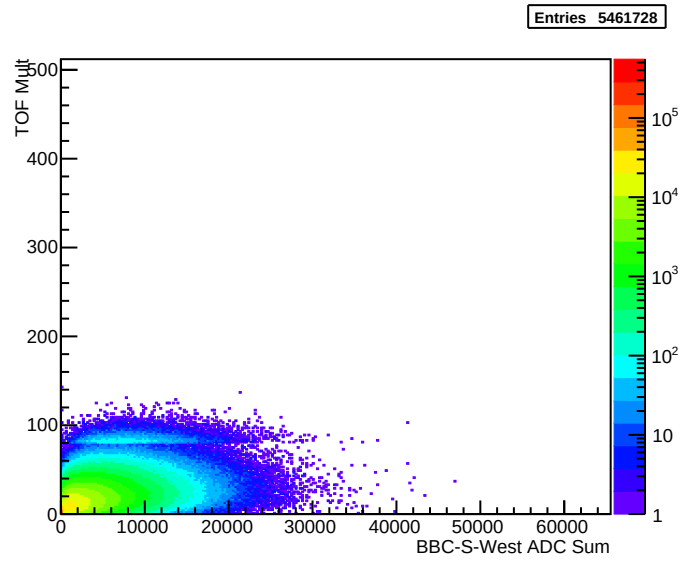
VT201 Input Ch4: VPD Adc Sum Th

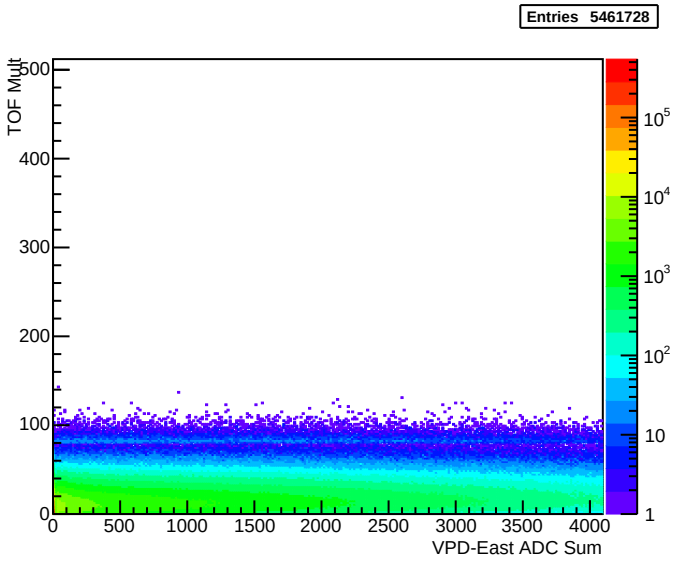


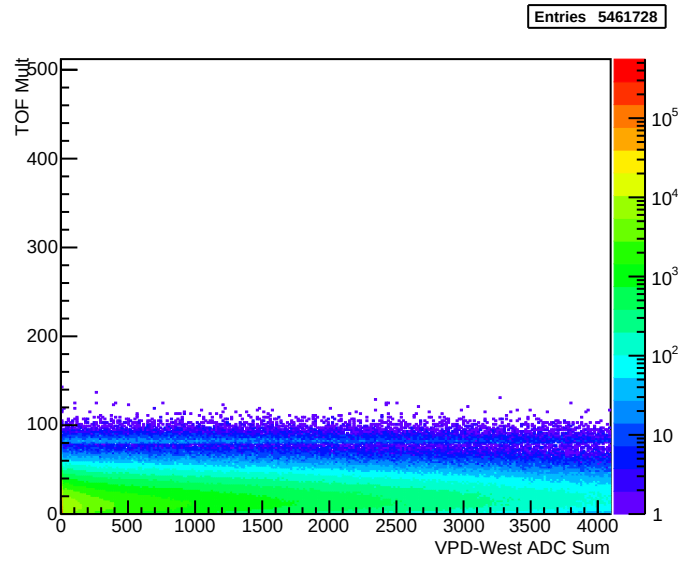
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

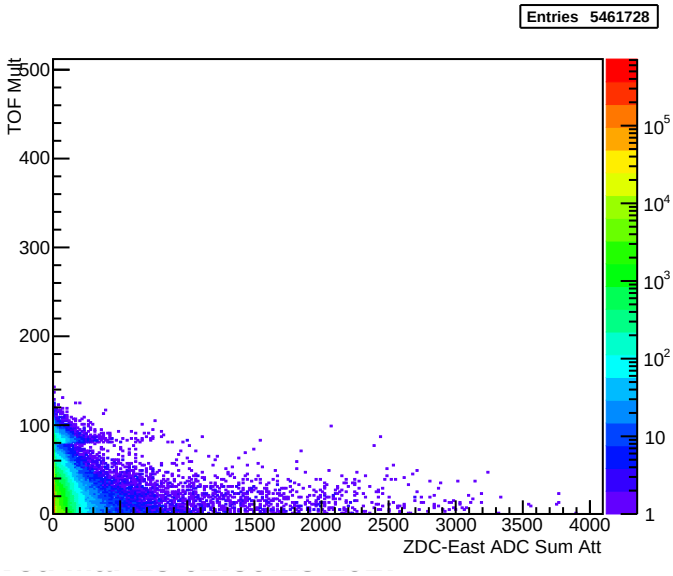


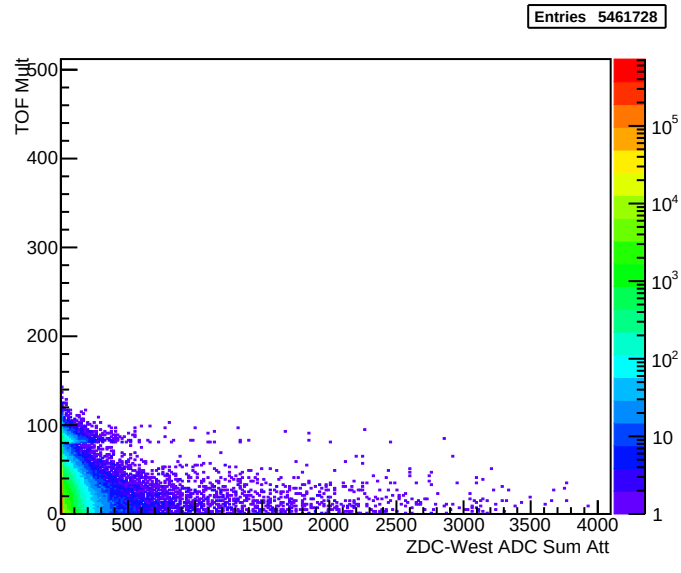

Entries 5461728
TOF Mult
BBC-S-East ADC Sum

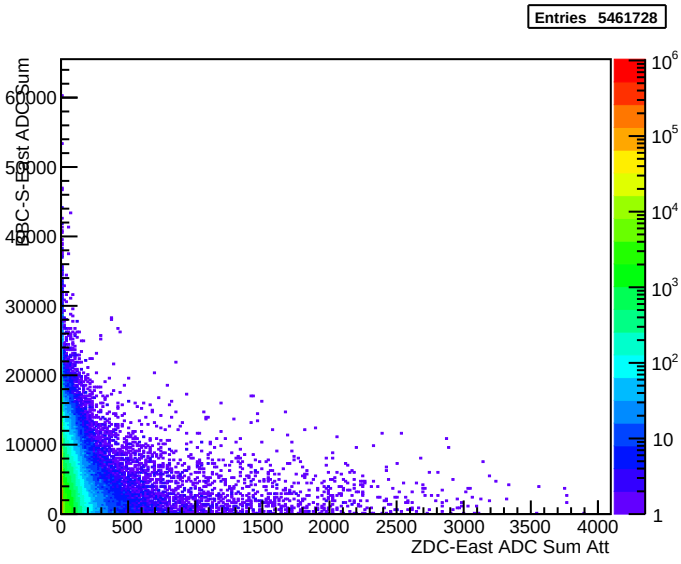

Entries 5461728
TOF Mult
BBC-S-West ADC Sum

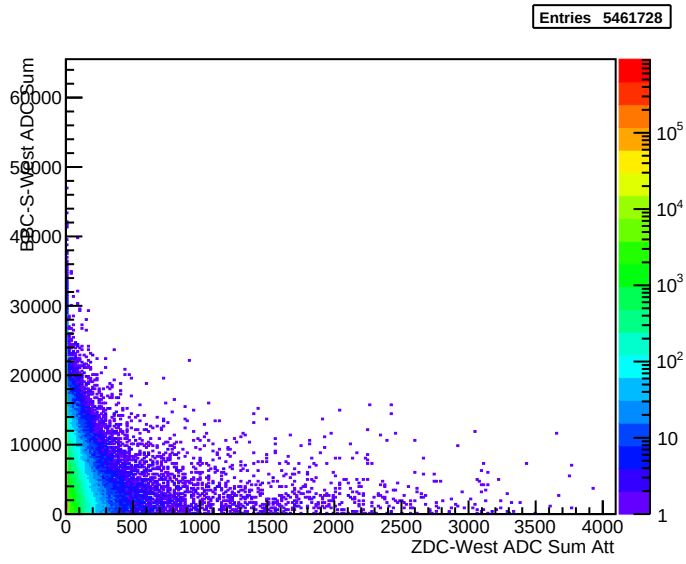

Entries 5461728
TOF Mult
VPD-East ADC Sum

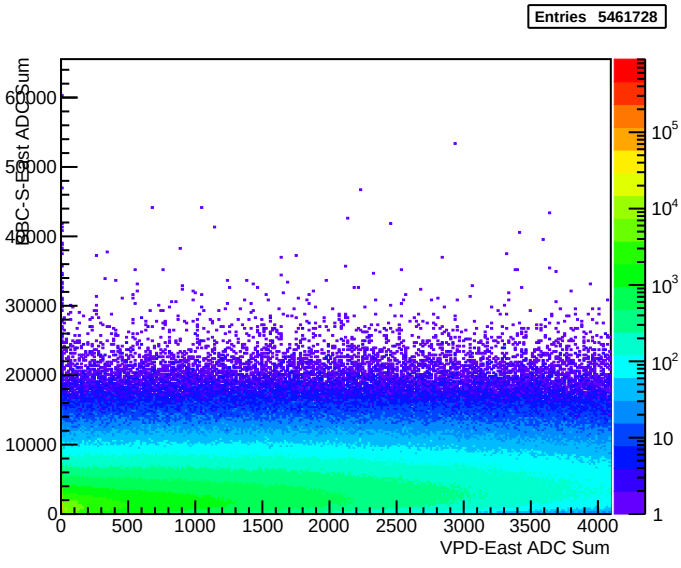

Entries 5461728
TOF Mult
VPD-West ADC Sum

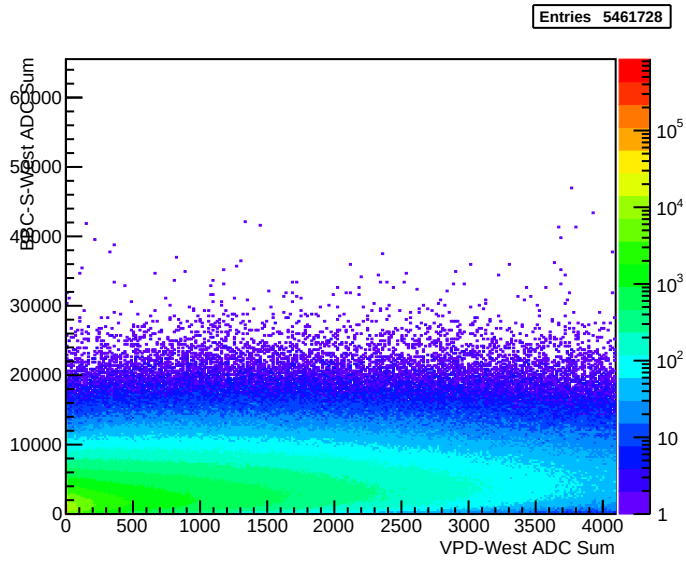

Entries 5461728
TOF Mult
ZDC-East ADC Sum Att

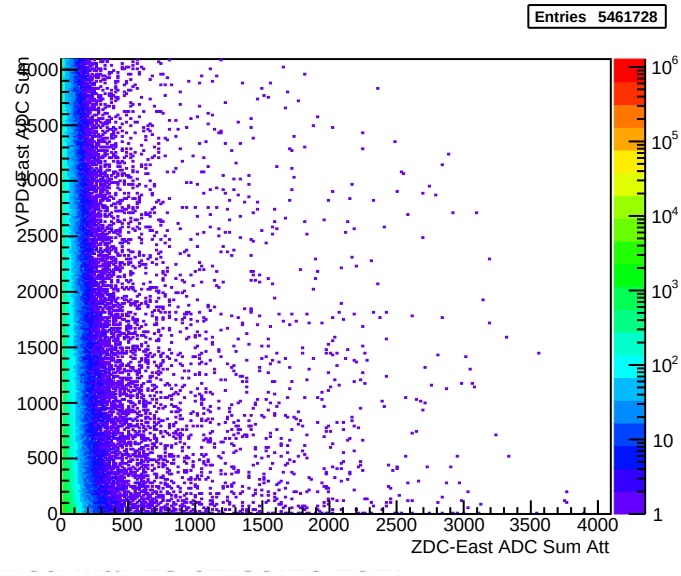

Entries 5461728
TOF Mult
ZDC-West ADC Sum Att

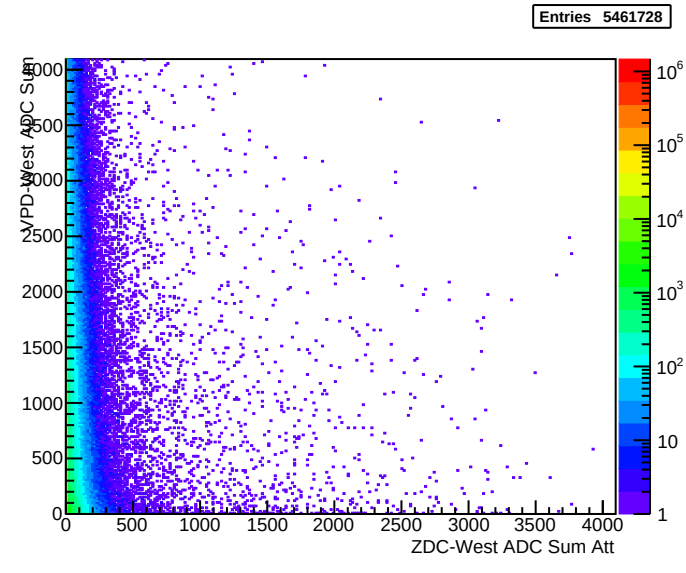

Entries 5461728
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

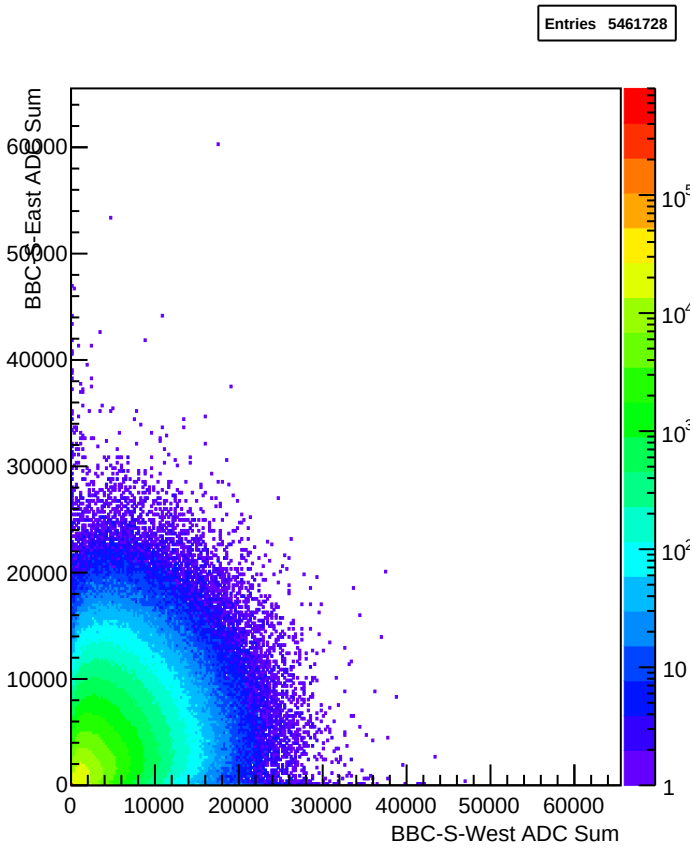

Entries 5461728
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

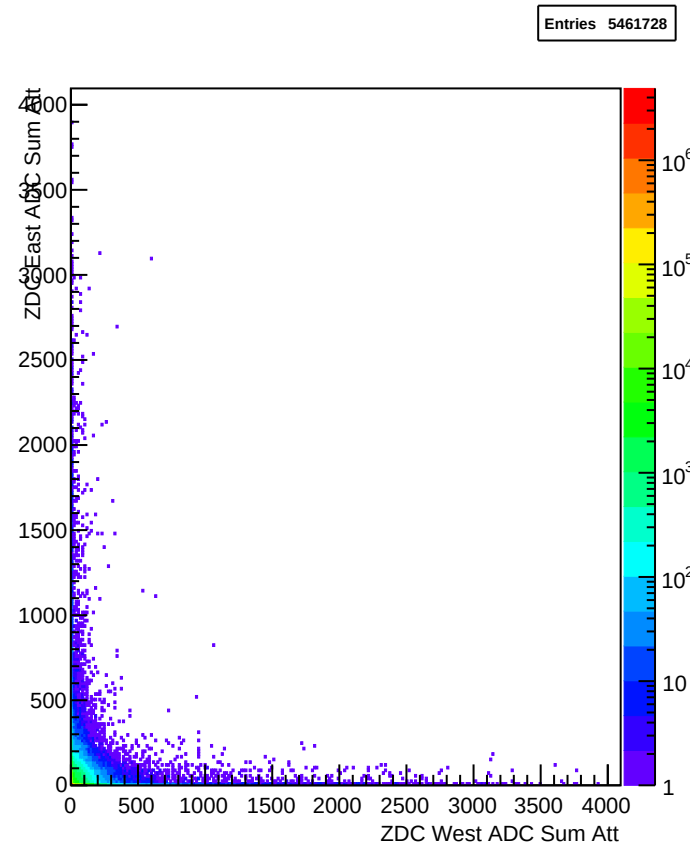

Entries 5461728
BBC-S-East ADC Sum
VPD-East ADC Sum

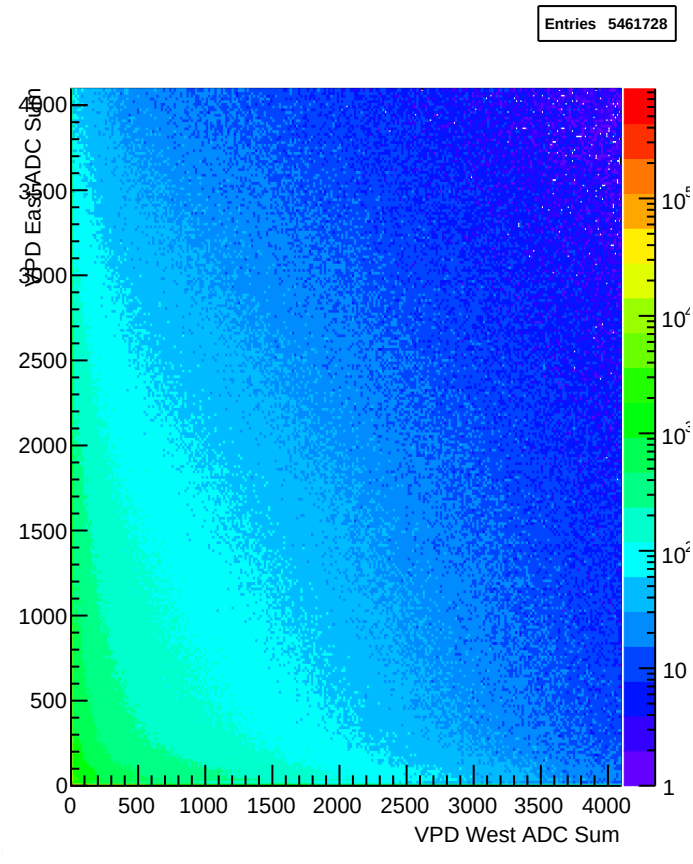

Entries 5461728
BBC-S-West ADC Sum
VPD-West ADC Sum

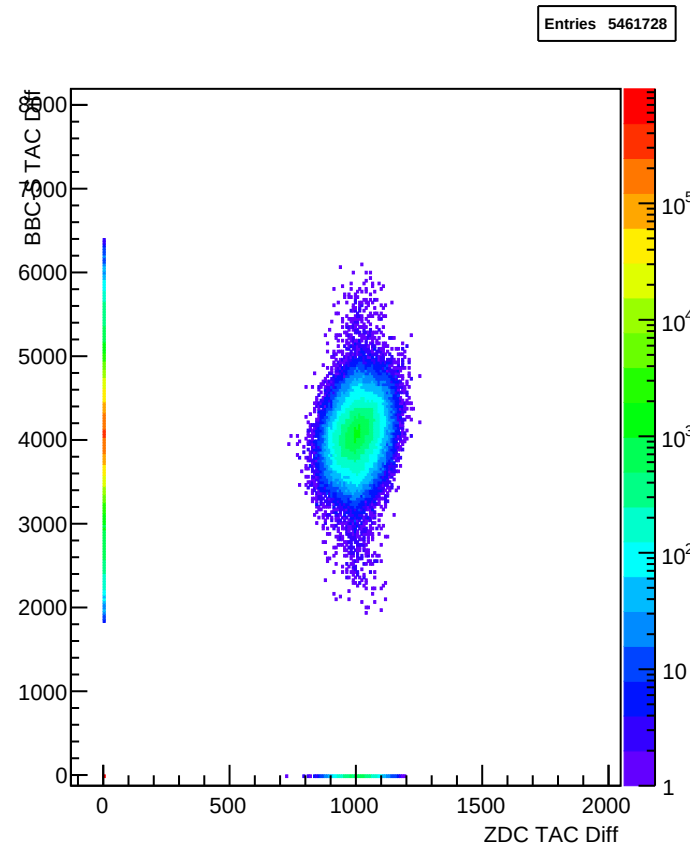

Entries 5461728
VPD-East ADC Sum
ZDC-East ADC Sum Att

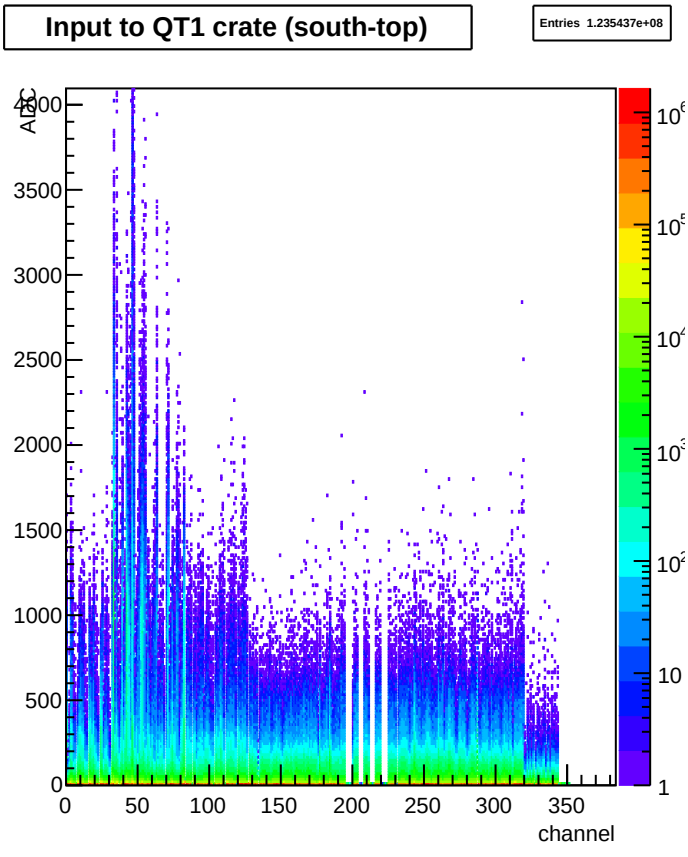

Entries 5461728
VPD-West ADC Sum
ZDC-West ADC Sum Att

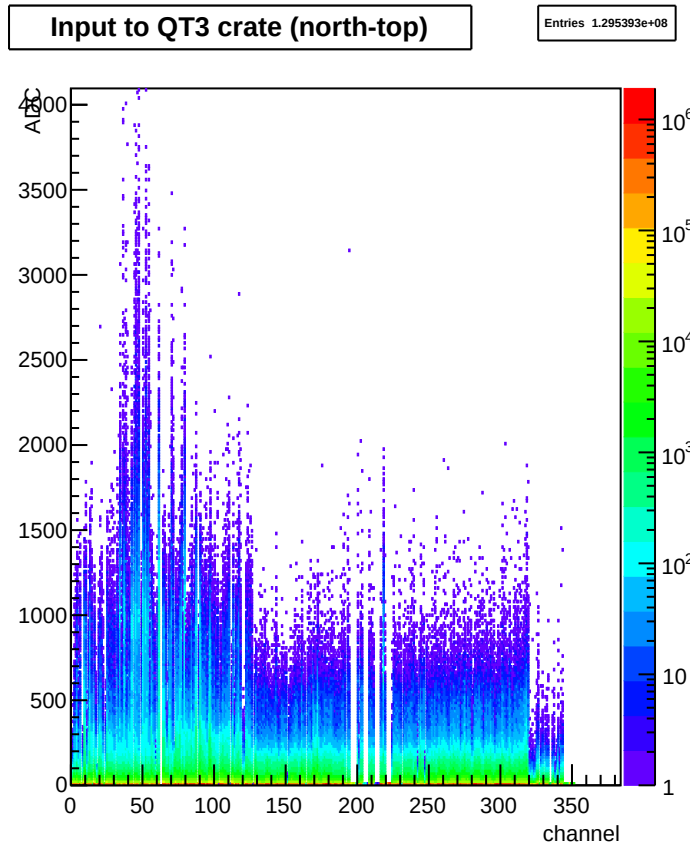

Entries 5461728
BBC-S-East ADC Sum
BBC-S-West ADC Sum

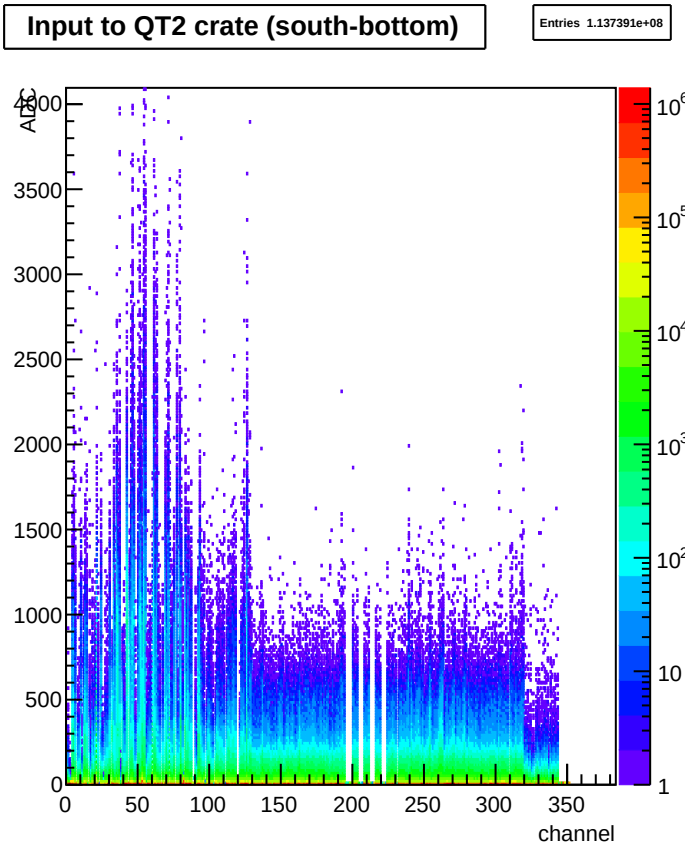

Entries 5461728
ZDC East ADC Sum Att
ZDC West ADC Sum Att

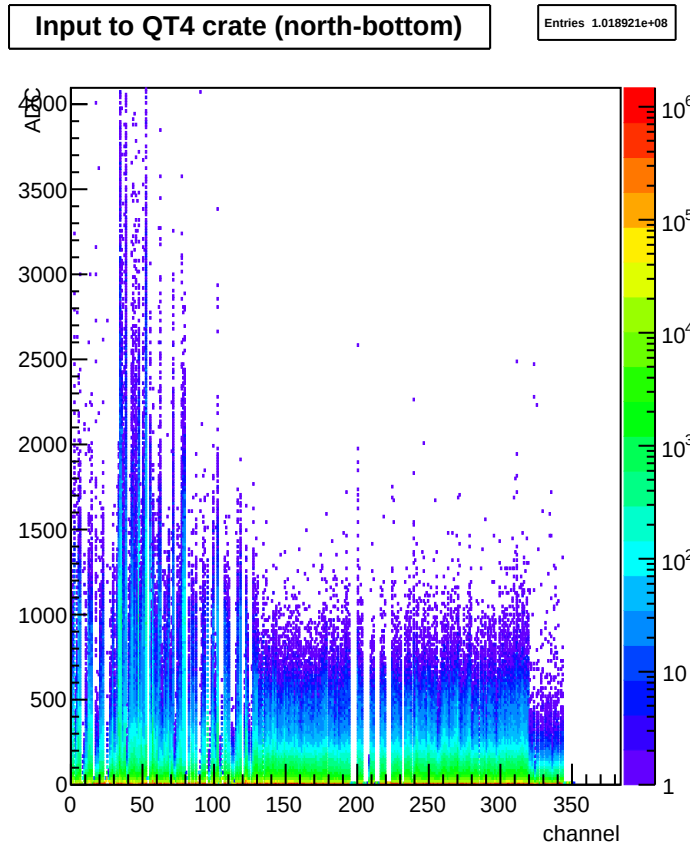

Entries 5461728
VPD East ADC Sum
VPD West ADC Sum

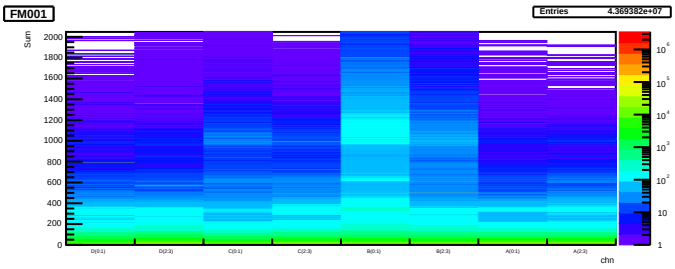

Entries 5461728
BBC-S TAC Diff
ZDC TAC Diff

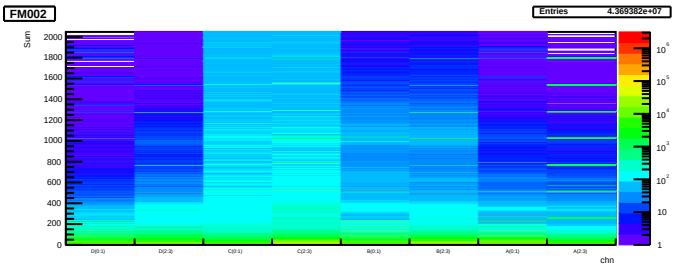

Input to QT1 crate (south-top)
Entries 1.235437e+08
ADC
channel

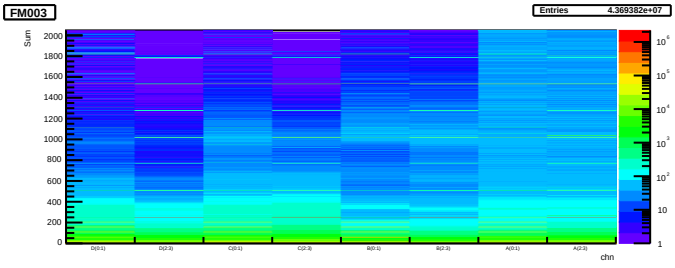

Input to QT3 crate (north-top)
Entries 1.295393e+08
ADC
channel

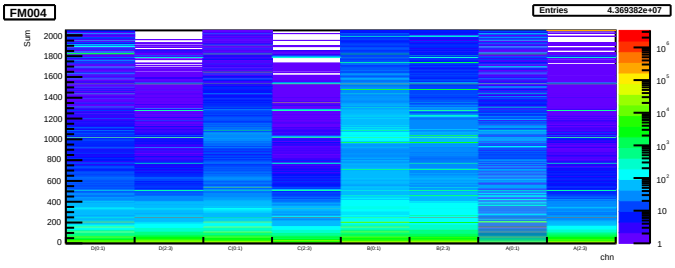

Input to QT2 crate (south-bottom)
Entries 1.137391e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.018921e+08
ADC
channel


FM001
Entries 4.369382e+07
Sum
chn


FM002
Entries 4.369382e+07
Sum
chn


FM003
Entries 4.369382e+07
Sum
chn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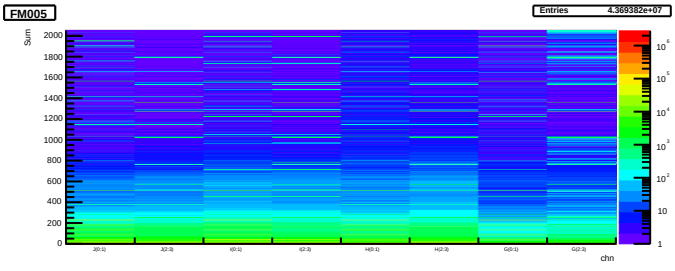
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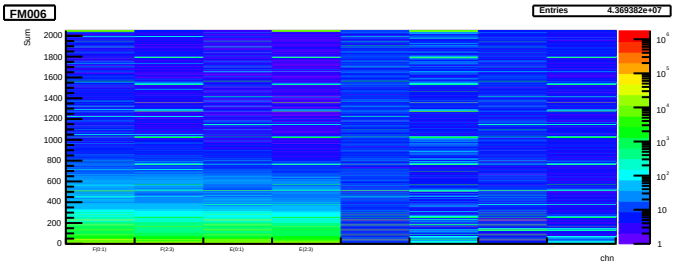
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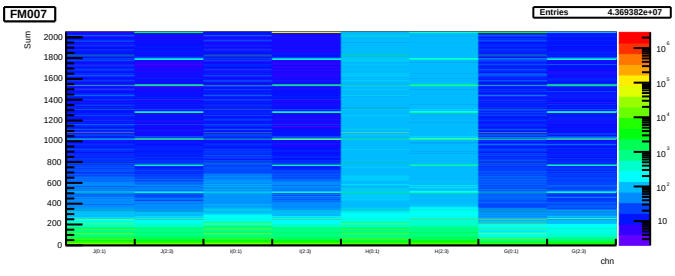
FM007
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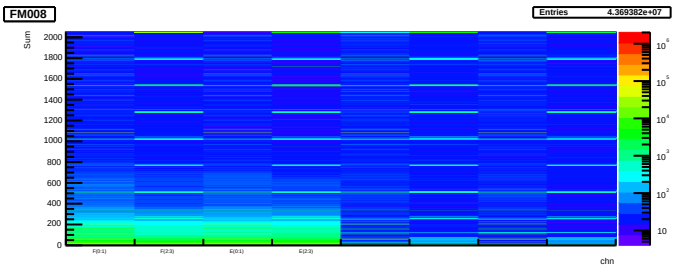
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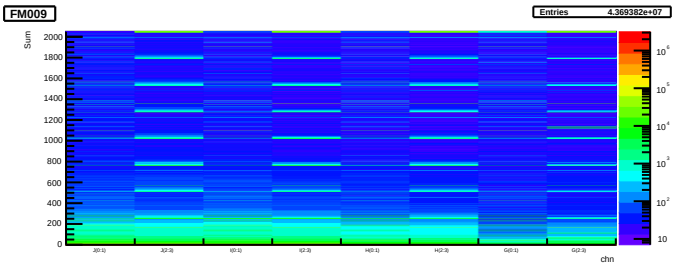
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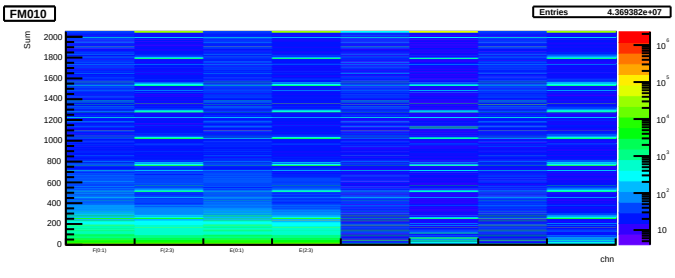
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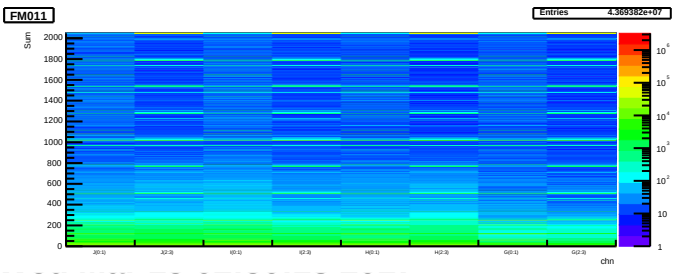
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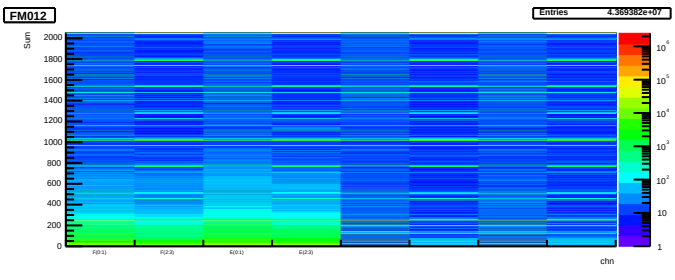
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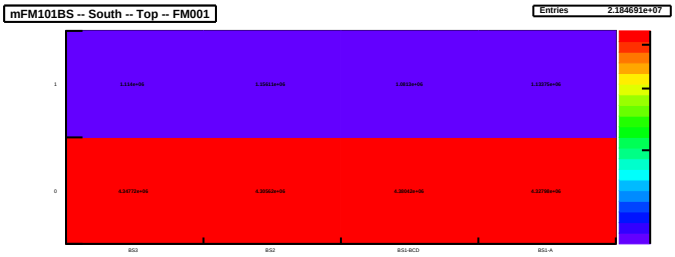
mFM101BS -- South -- Top -- FM001
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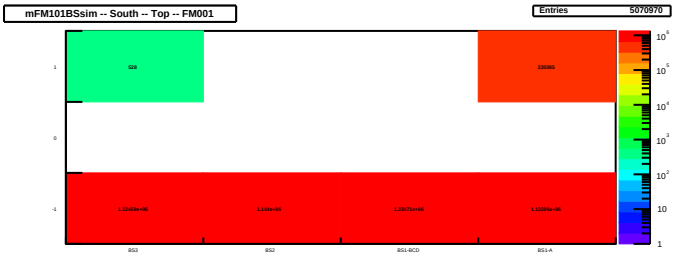
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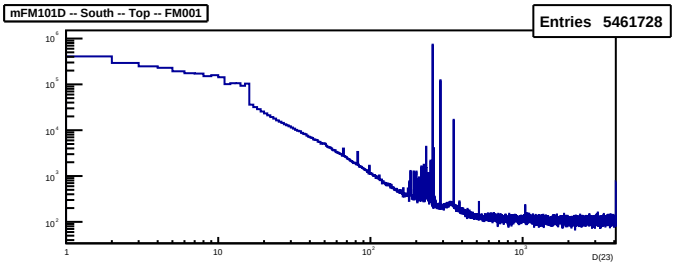
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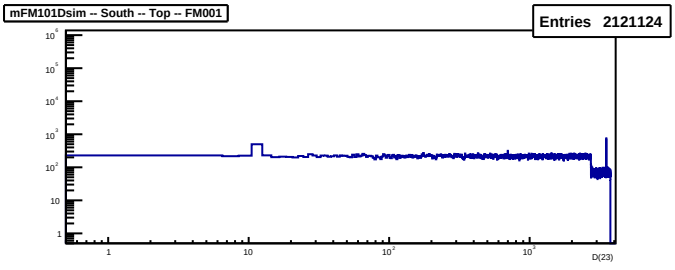
Entries 5461728
D(23)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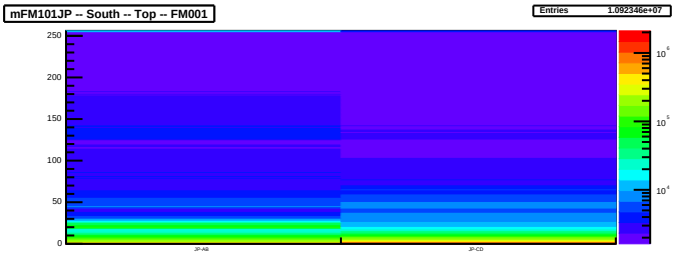
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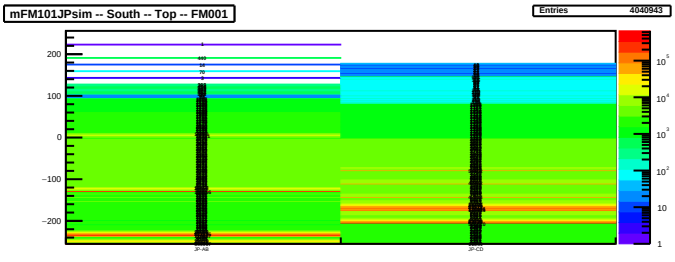
Entries 1.092346e+07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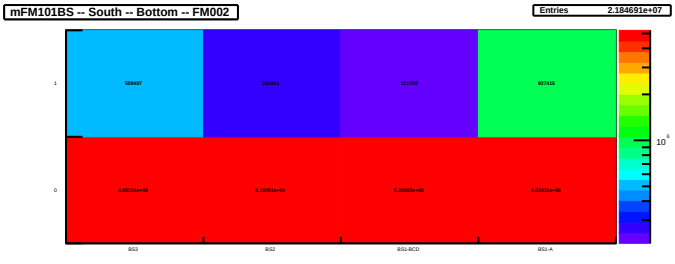
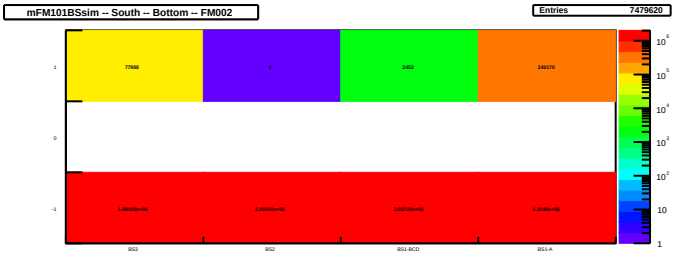

mFM101BS -- South -- Bottom -- FM002
Entries 2.184691e+07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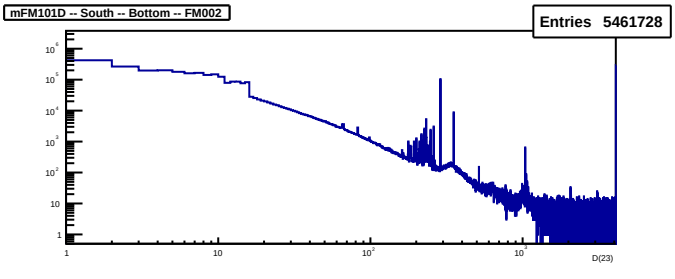
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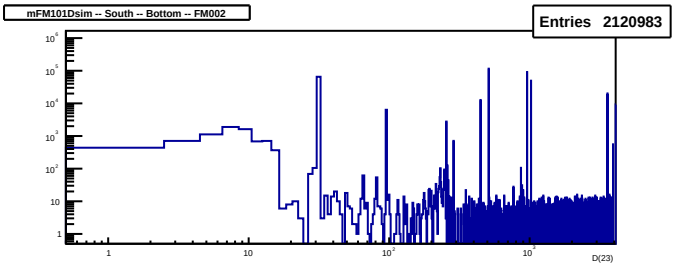
Entries 5461728
D(23)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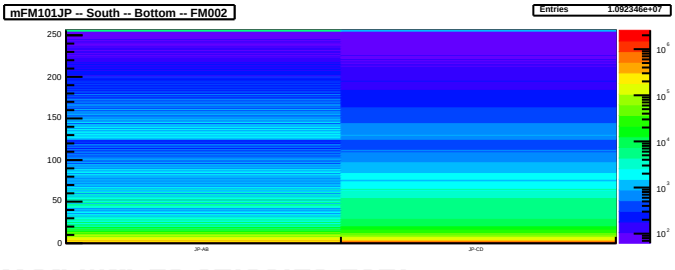
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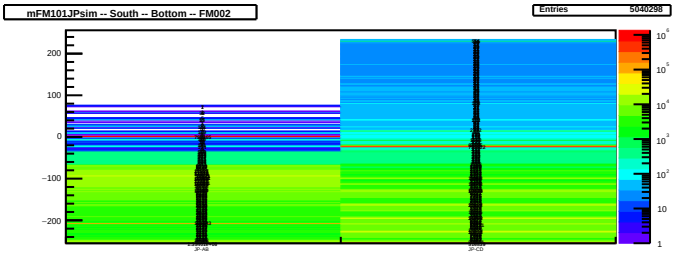
Entries 1.092346e+07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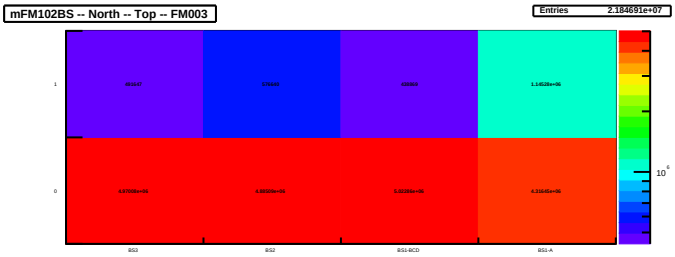
mFM102BS -- North -- Top -- FM003
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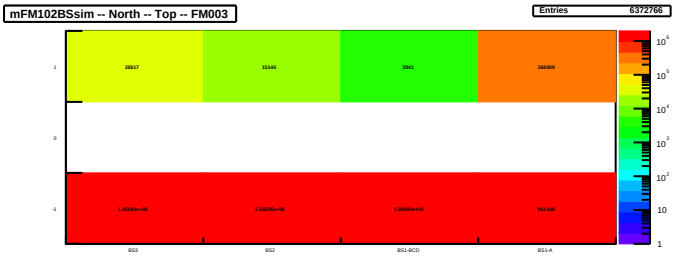
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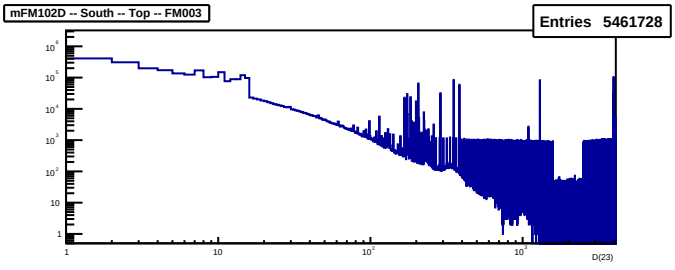
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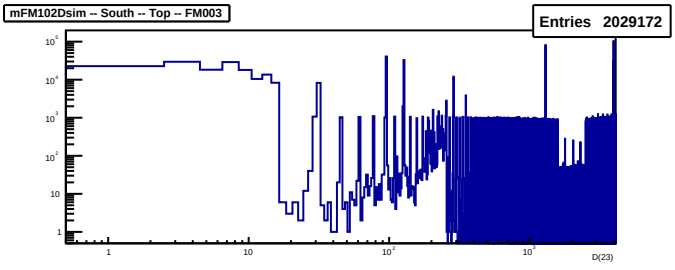
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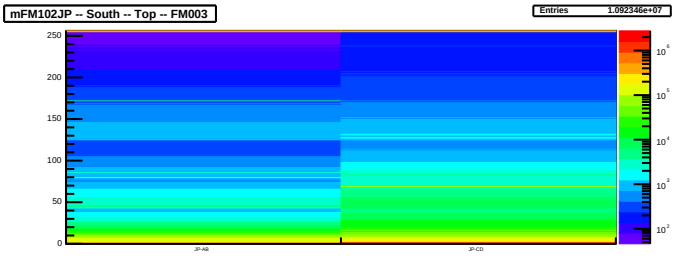
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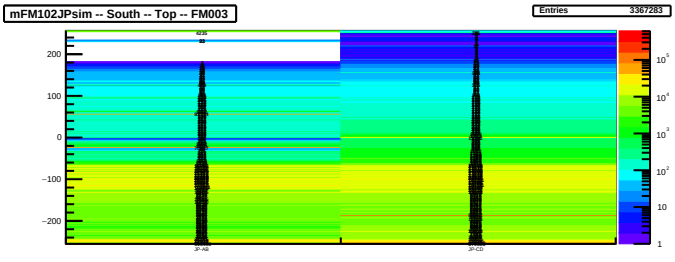
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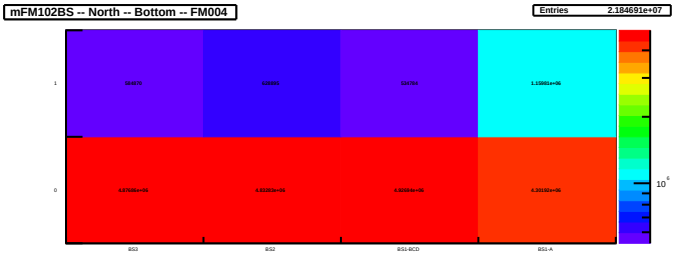
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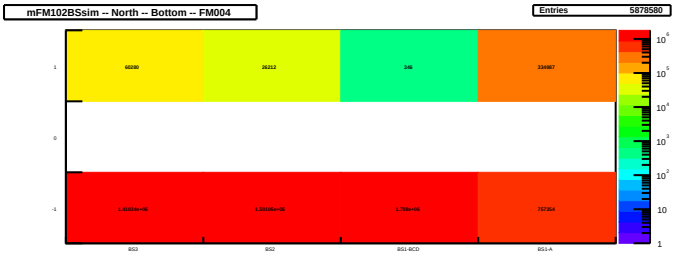
Entries 2.184691e+07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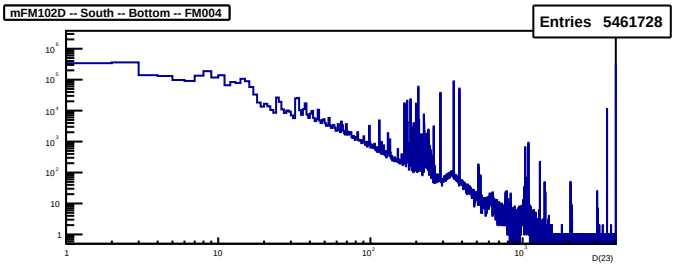
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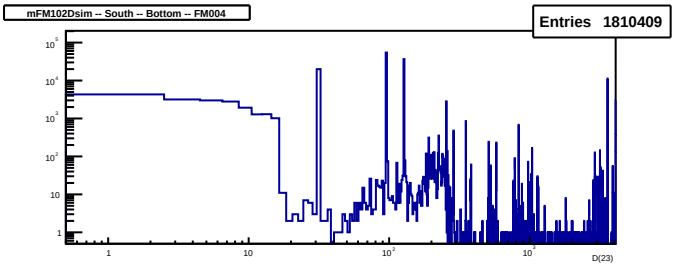
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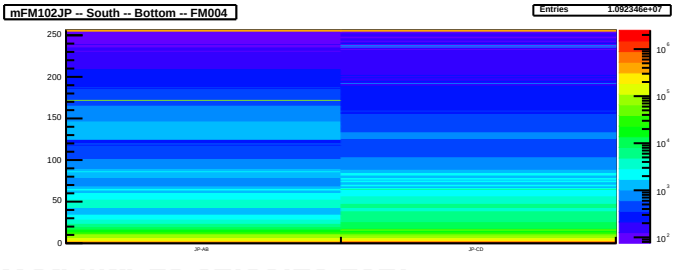
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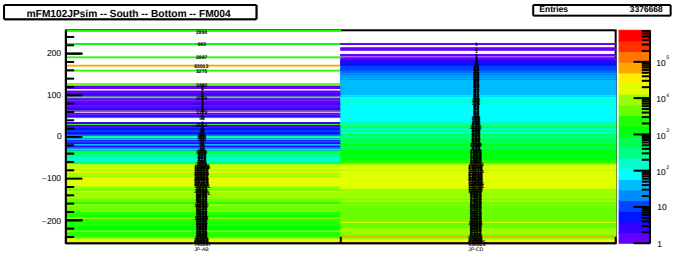
Entries 1.092346e+07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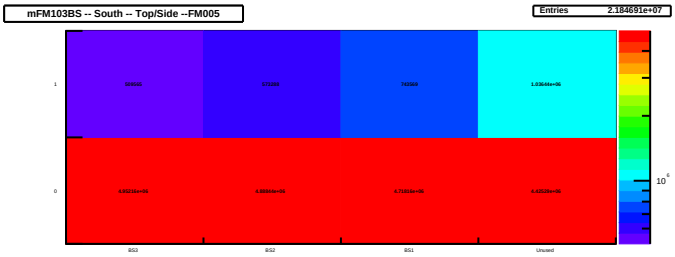
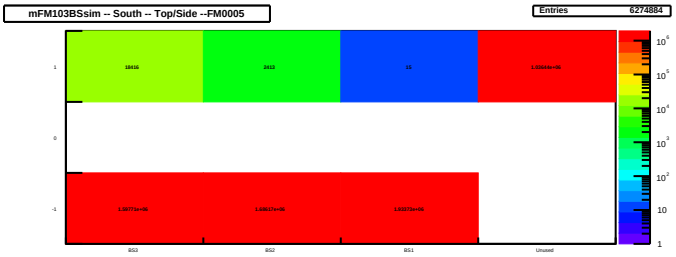

mFM103BS -- South -- Top/Side --FM005
Entries 2.184691e+07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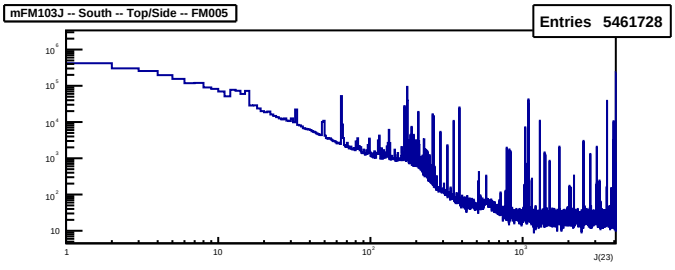
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Entries 5461728
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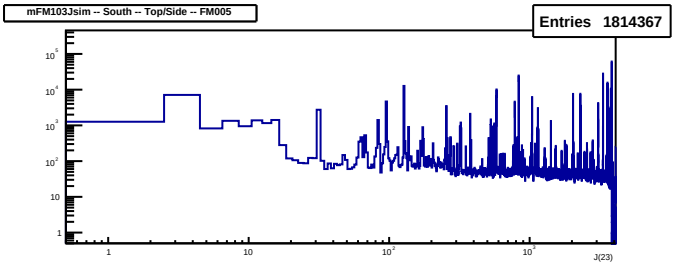
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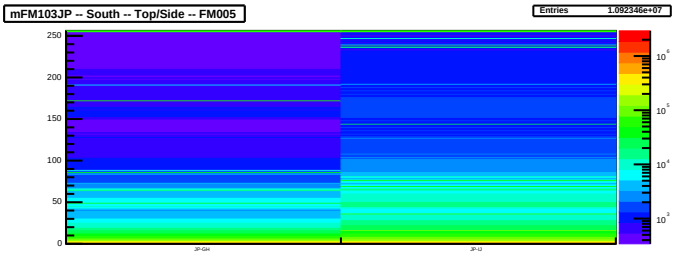
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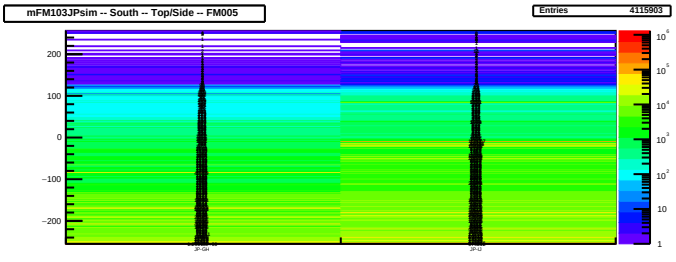
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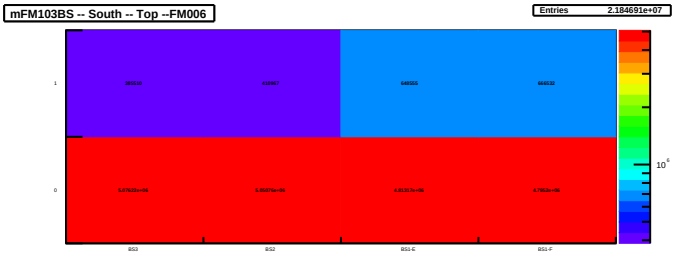
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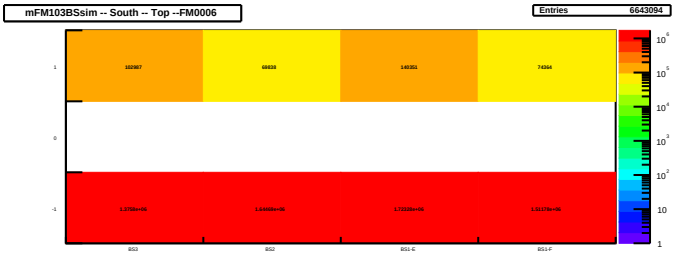
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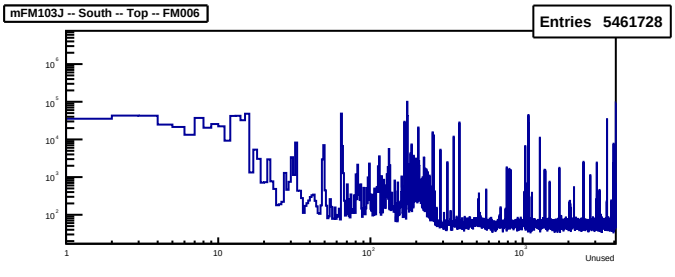
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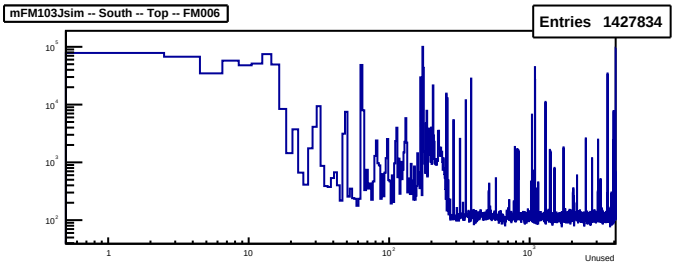
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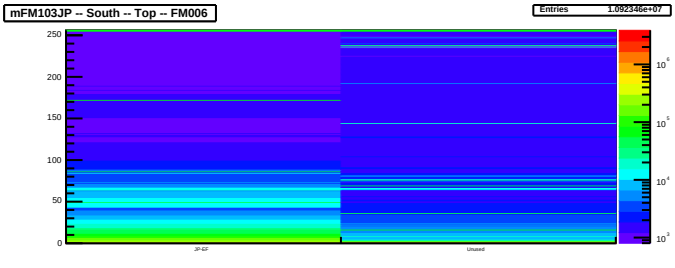
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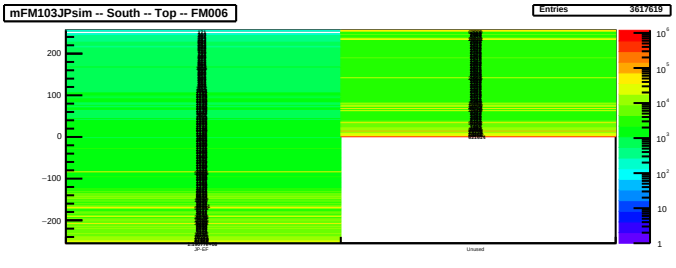
Entries 1.092346e+07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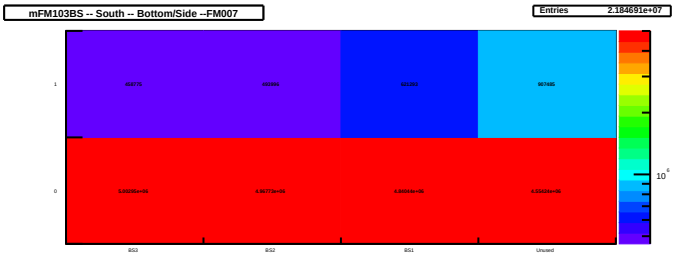
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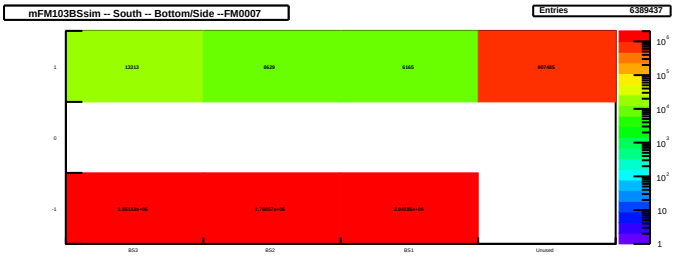
Entries 2.184691e+07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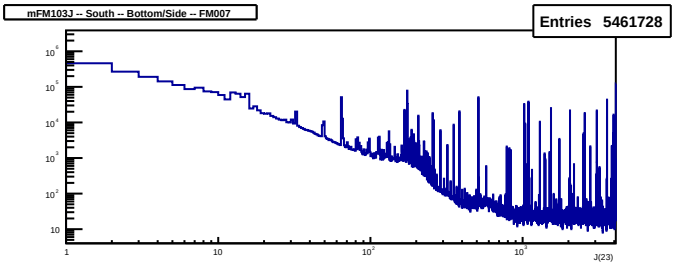
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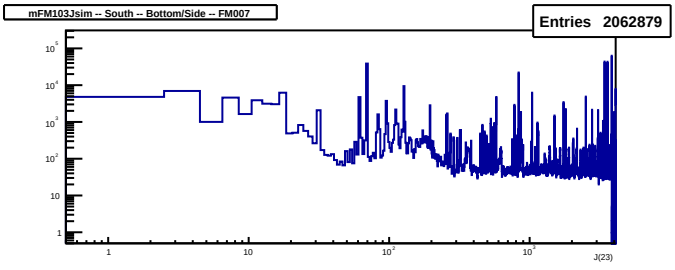
J(23)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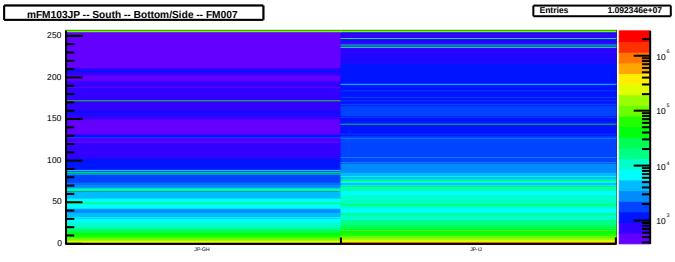
J(23)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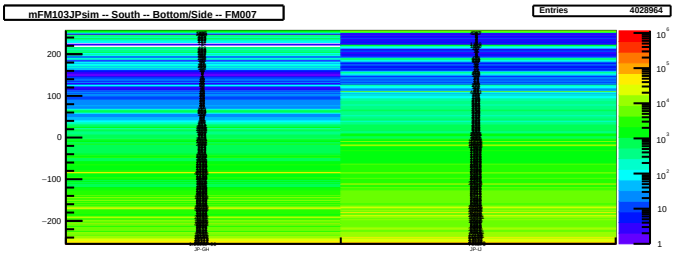
Entries 1.092346e+07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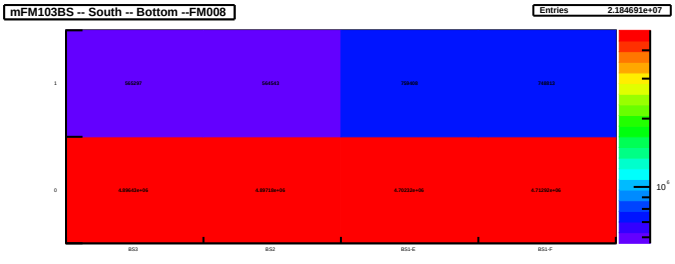
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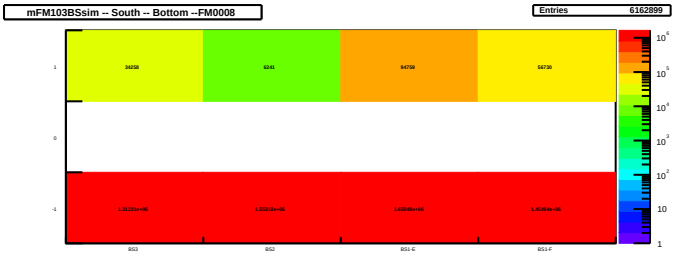
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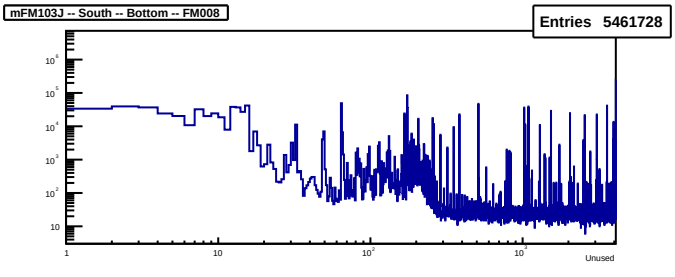
mFM103J -- South -- Bottom -- FM008
Entries 5461728
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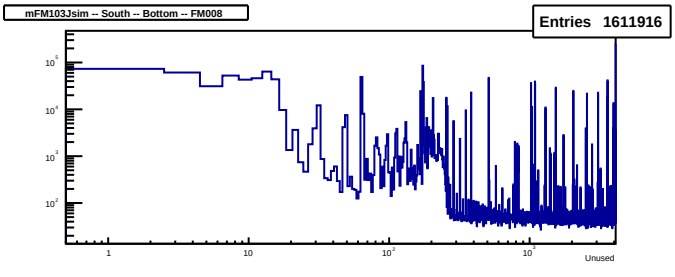
mFM103Jsim -- South -- Bottom -- FM008
Entries 1611916
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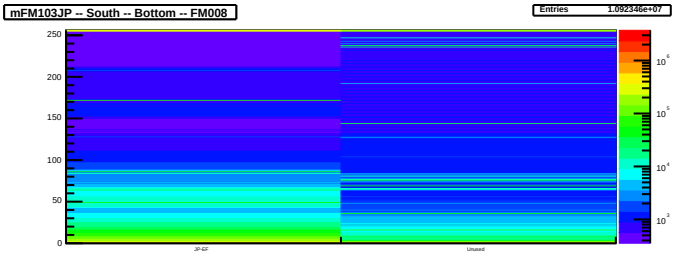
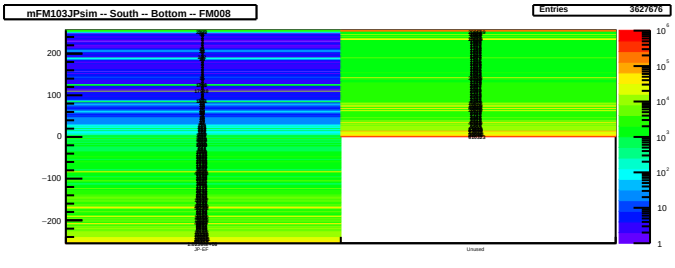
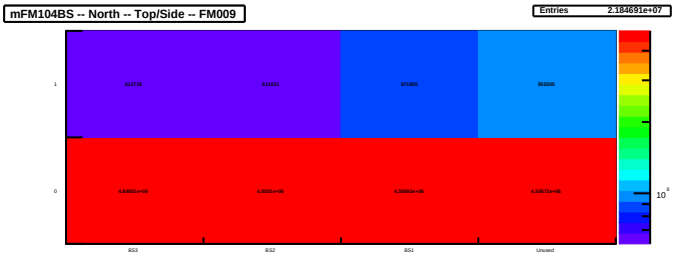
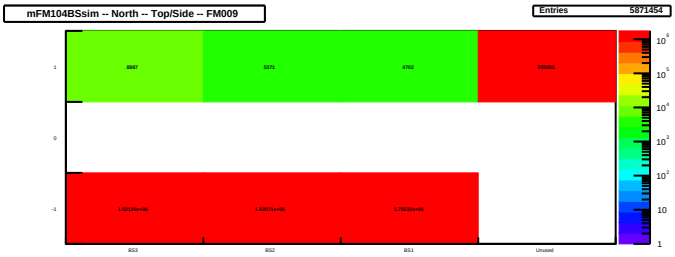

mFM103JP -- South -- Bottom -- FM008
Entries 1.092346e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3627676


mFM104BS -- North -- Top/Side -- FM009
Entries 2.184691e+07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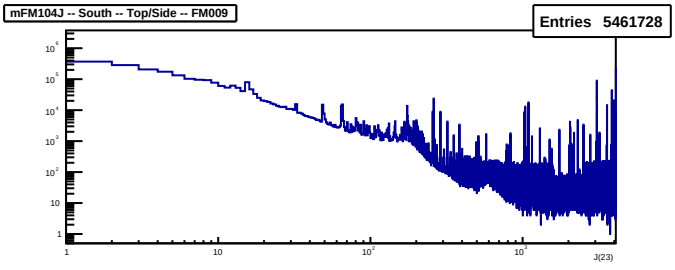
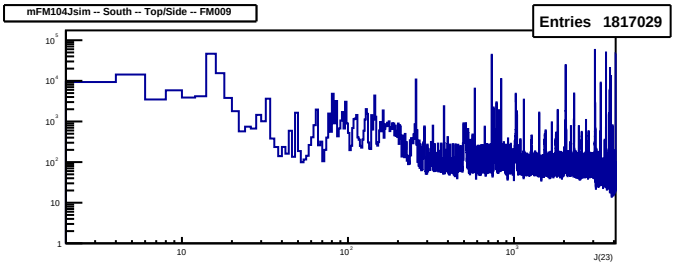
Entries 5871454


mFM104J -- South -- Top/Side -- FM009
Entries 5461728
J(23)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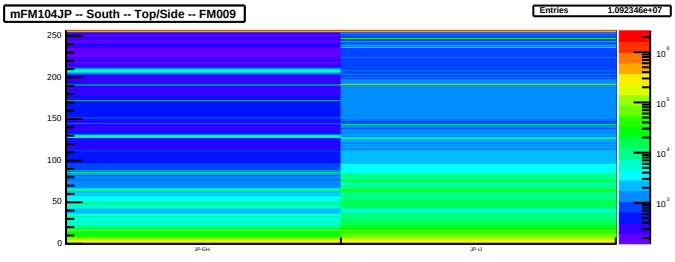
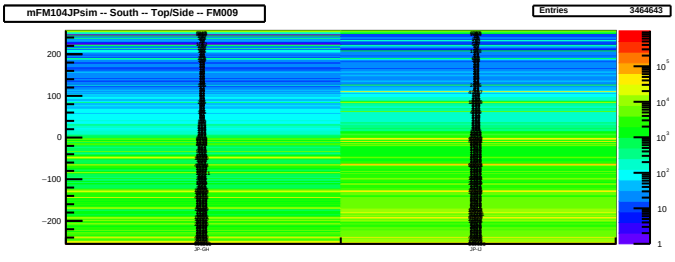
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.092346e+07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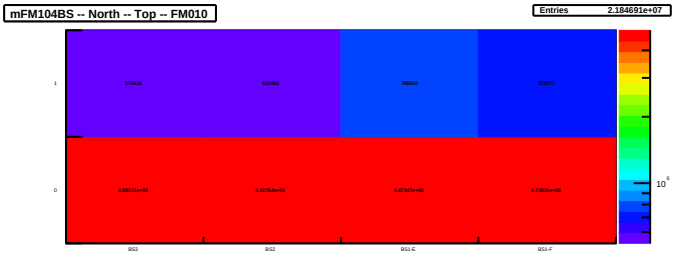
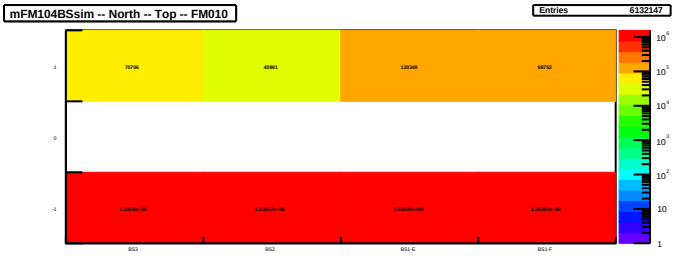
Entries 3464643


mFM104BS -- North -- Top -- FM010
Entries 2.184691e+07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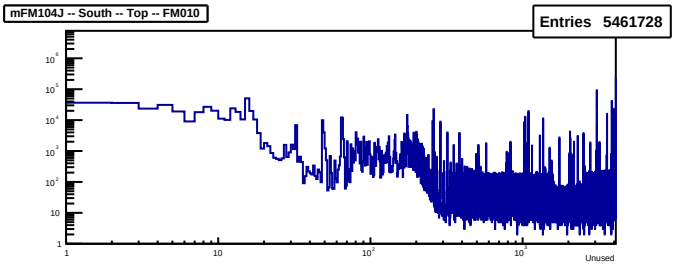
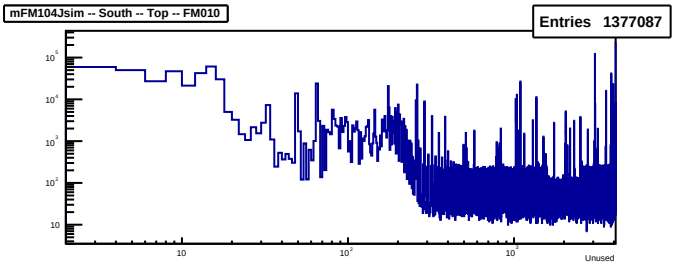
Entries 6132147


mFM104J -- South -- Top -- FM010
Entries 5461728
Unused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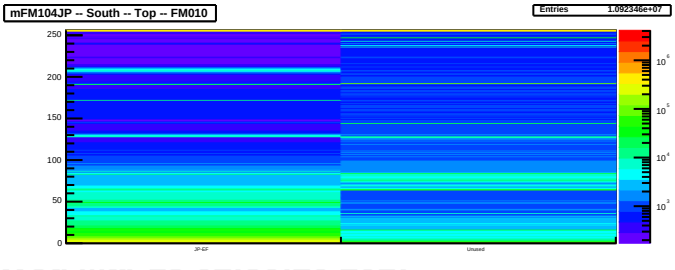
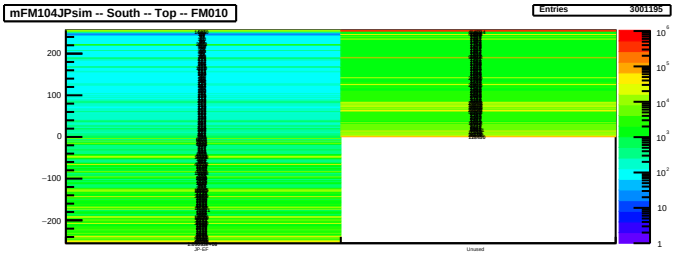
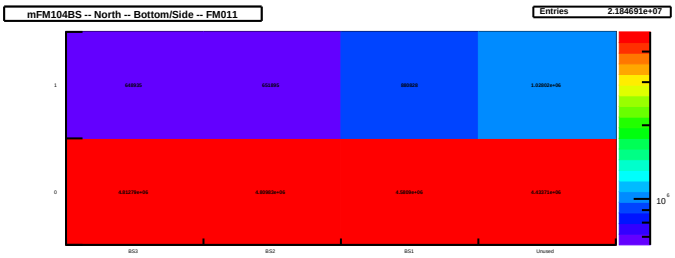
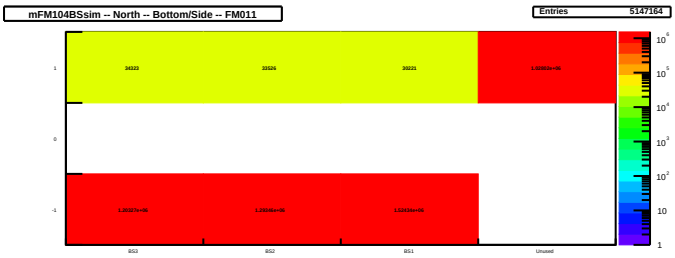
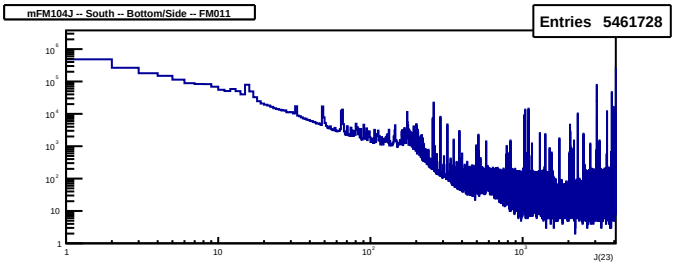
Entries 1377087
Unused

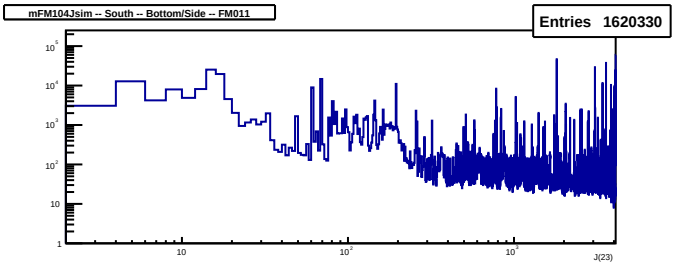

mFM104JP -- South -- Top -- FM010
Entries 1.092346e+07

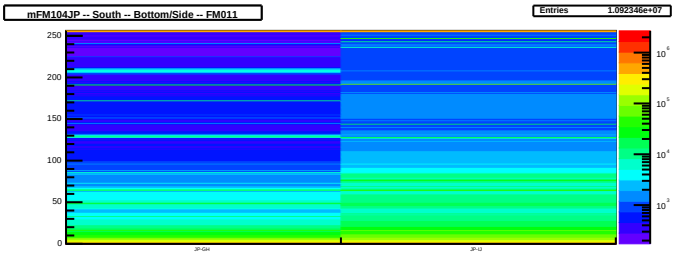

mFM104JPsim -- South -- Top -- FM010
Entries 3001195

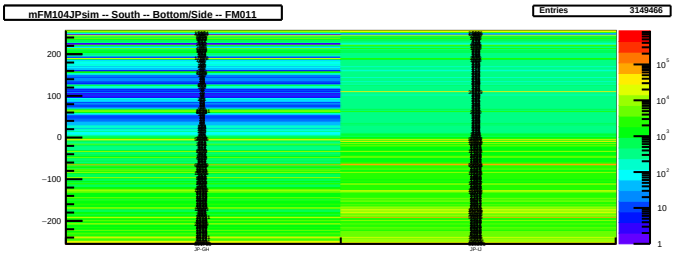

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.184691e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5147164


mFM104J -- South -- Bottom/Side -- FM011
Entries 5461728
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1620330
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.092346e+07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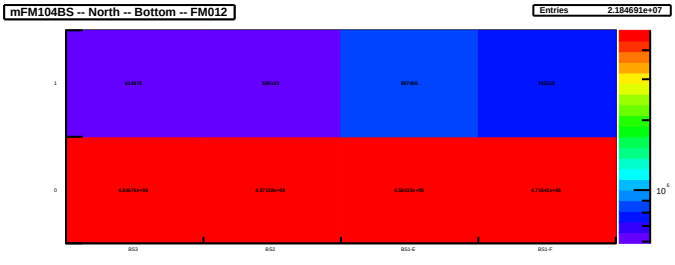
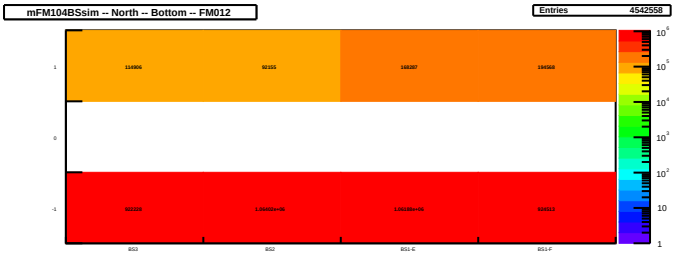
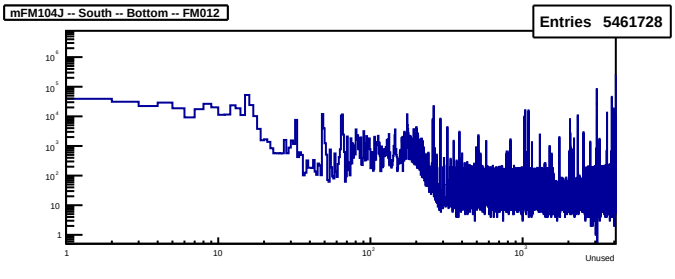
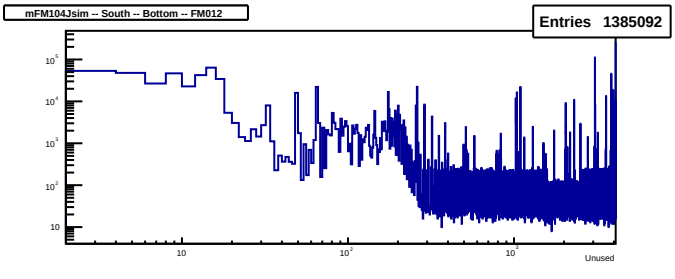
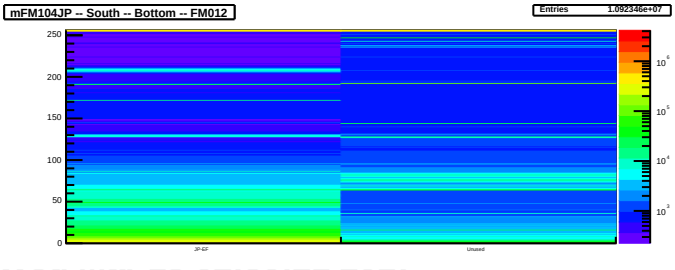
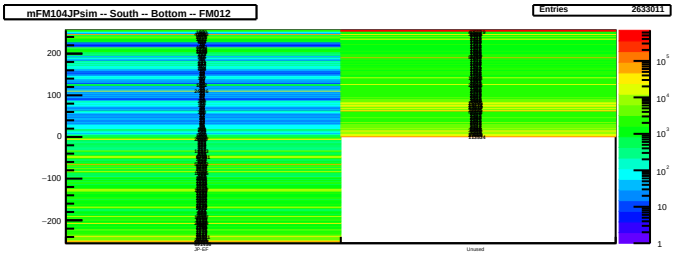

mFM104BS -- North -- Bottom -- FM012
Entries 2.184691e+07

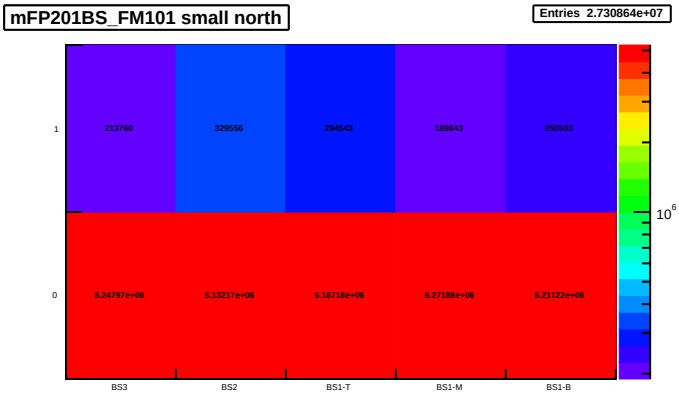

mFM104BSsim -- North -- Bottom -- FM012
Entries 4542558

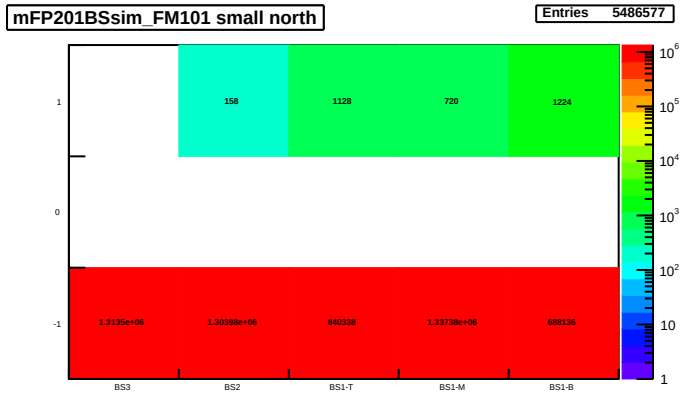

mFM104J -- South -- Bottom -- FM012
Entries 5461728
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 1385092
Unused


mFM104JP -- South -- Bottom -- FM012
Entries 1.092346e+07


mFM104JPsim -- South -- Bottom -- FM012
Entries 2633011


mFP201BS_FM101 small north
Entries 2.730864e+07
1
0
213760
329556
294543
189843
250503
5.24797e+06
5.13217e+06
5.16718e+06
5.27188e+06
5.21122e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 5486577
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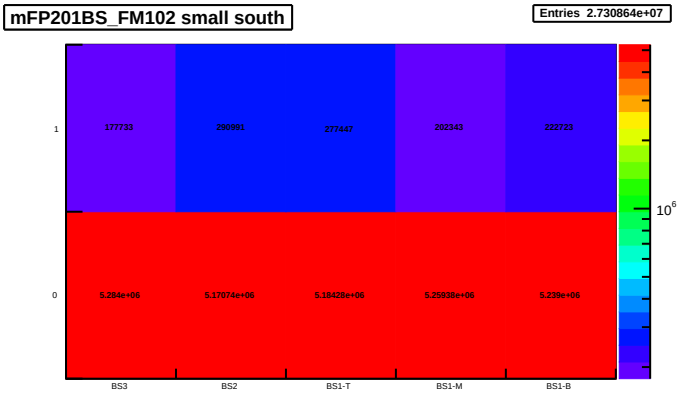
0
-1
158
1128
720
1224
1.3135e+06
1.30398e+06
840338
1.33738e+06
688136
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 2.730864e+07
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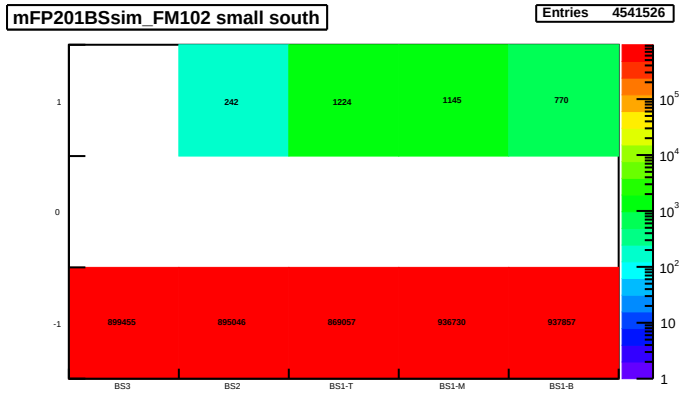
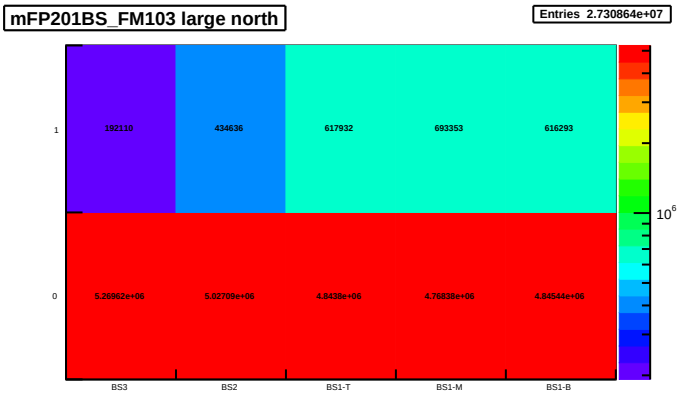
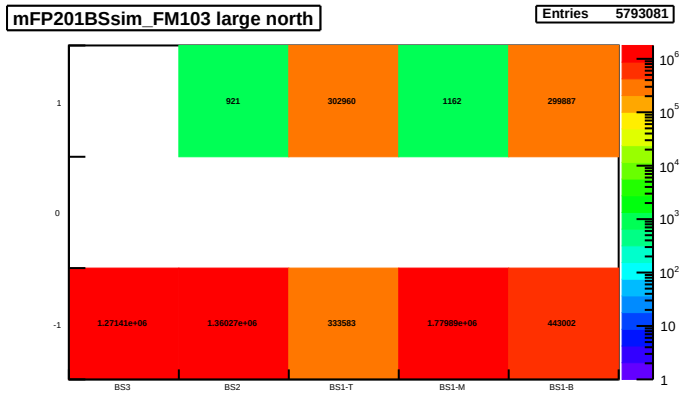
0
177733
290991
277447
202343
222723
5.284e+06
5.17074e+06
5.18428e+06
5.25938e+06
5.239e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM102 small south
Entries 4541526
1
0
-1
242
1224
1145
770
899455
895046
869057
936730
937857
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 2.730864e+07
1
0
192110
434636
617932
693353
616293
5.26862e+06
5.02709e+06
4.8438e+06
4.76838e+06
4.84544e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 5793081
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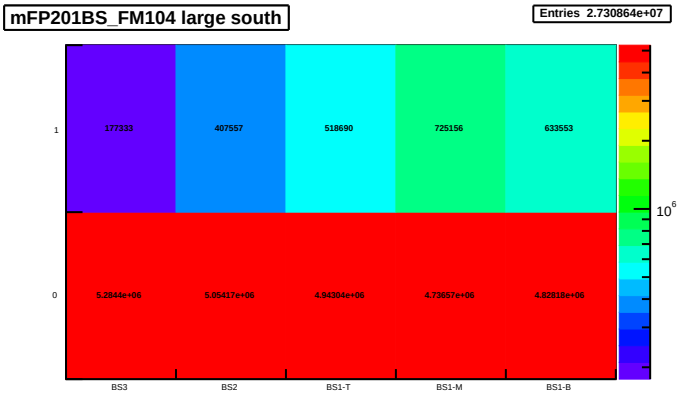
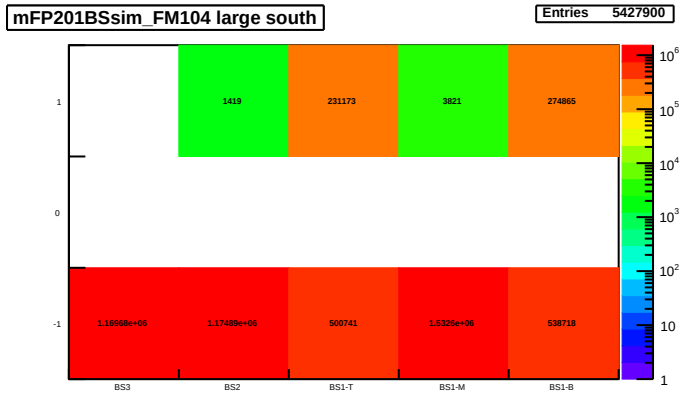
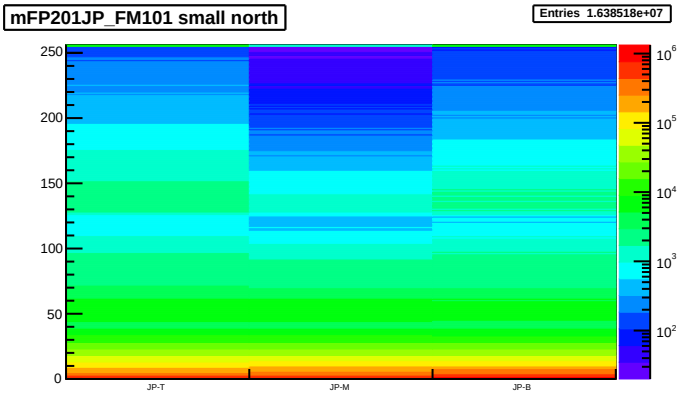
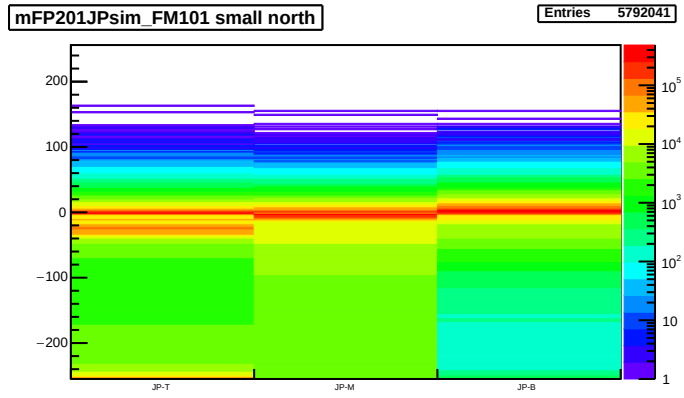
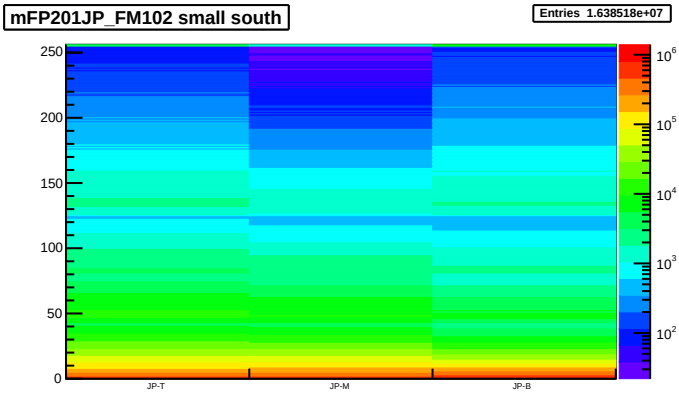
0
-1
921
302960
1162
299887
1.27141e+06
1.36027e+06
333583
1.77989e+06
443002
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

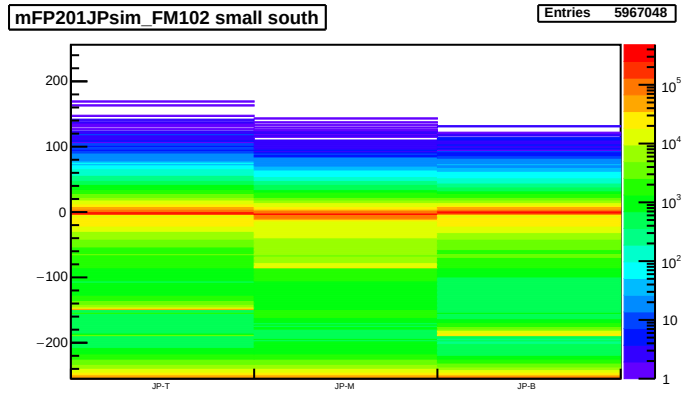

mFP201BS_FM104 large south
Entries 2.730864e+07
1
0
177333
407557
518690
725156
633553
5.2844e+06
5.05417e+06
4.94304e+06
4.73657e+06
4.82818e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

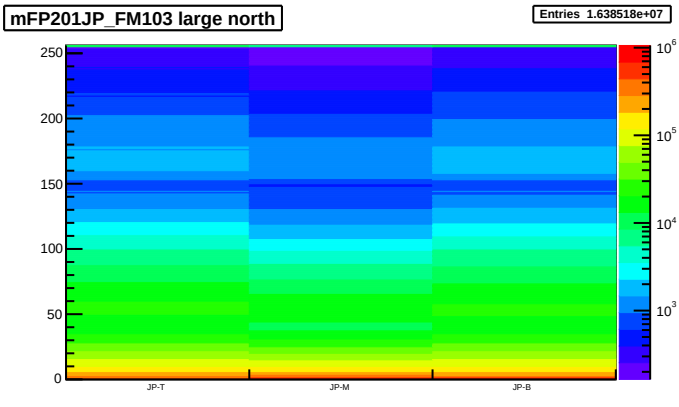

mFP201BSsim_FM104 large south
Entries 5427900
1
0
-1
1419
231173
3821
274865
1.16968e+06
1.17489e+06
500741
1.5326e+06
538718
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

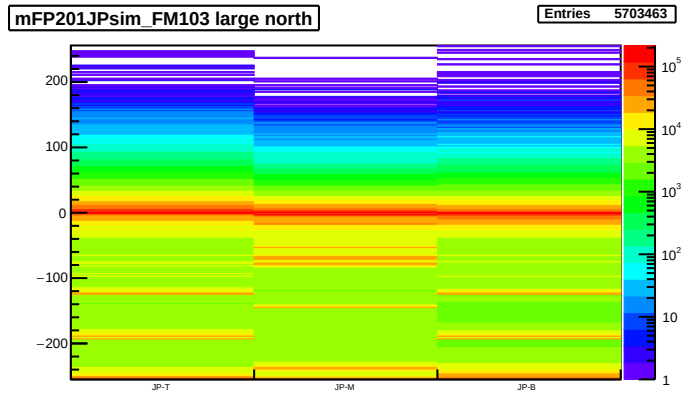

mFP201JP_FM101 small north
Entries 1.638518e+07
JP-T
JP-M
JP-B

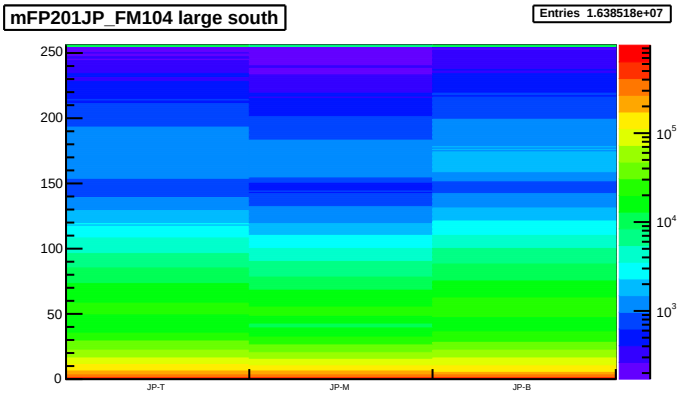

mFP201JPsim_FM101 small north
Entries 5792041
JP-T
JP-M
JP-B

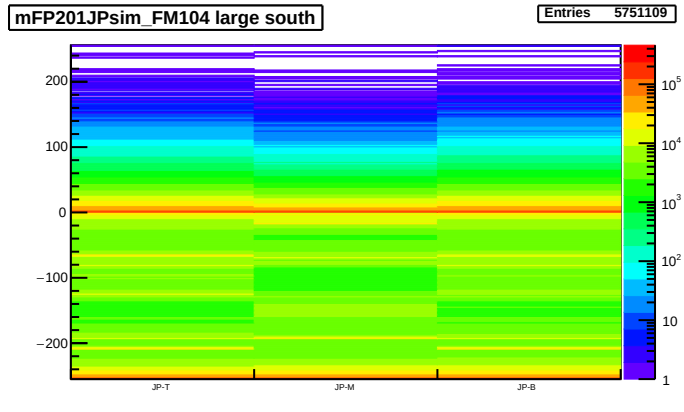

mFP201JP_FM102 small south
Entries 1.638518e+07
JP-T
JP-M
JP-B

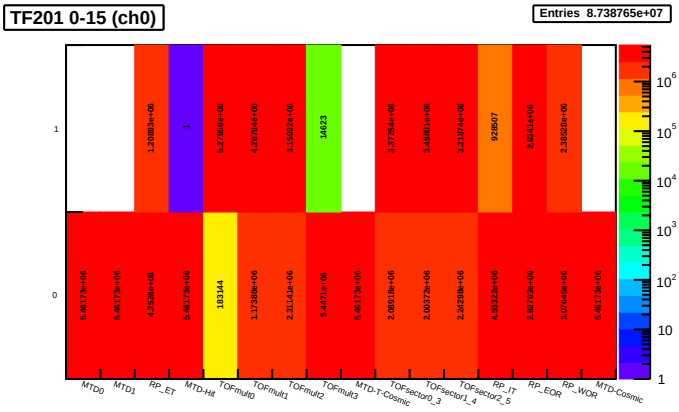

mFP201JPsim_FM102 small south
Entries 5967048
JP-T
JP-M
JP-B

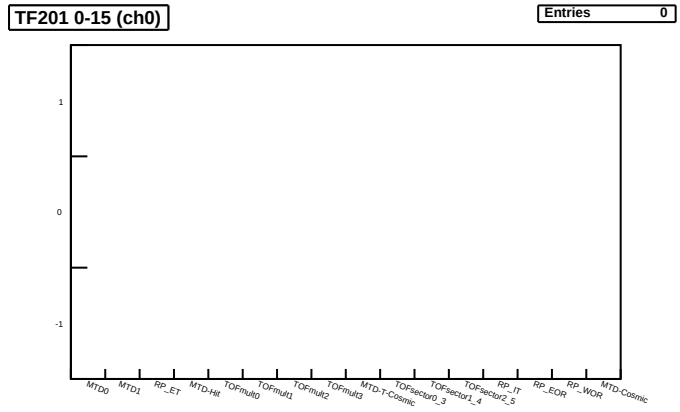

mFP201JP_FM103 large north
Entries 1.638518e+07
JP-T
JP-M
JP-B

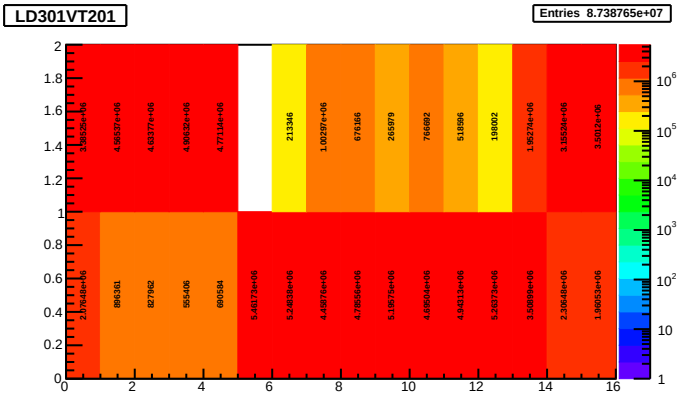

mFP201JPsim_FM103 large north
Entries 5703463
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.638518e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5751109
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.738765e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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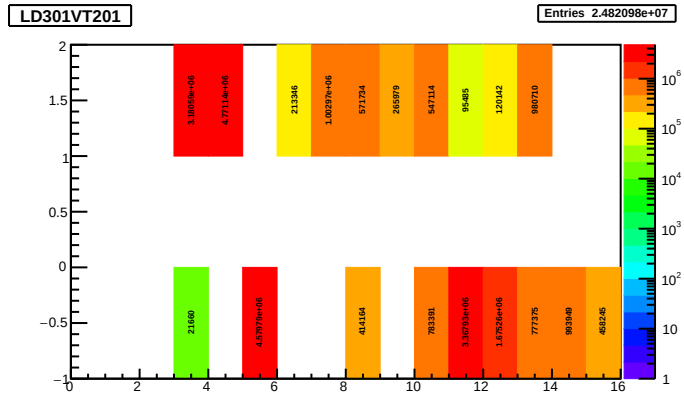
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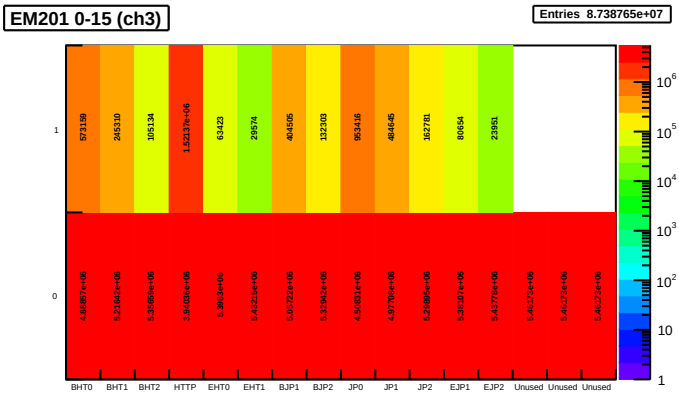
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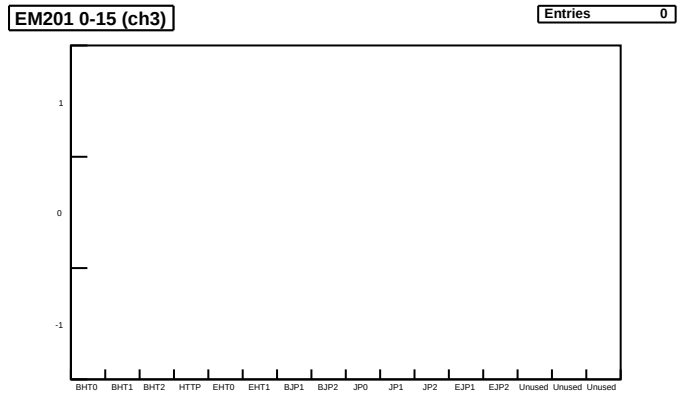
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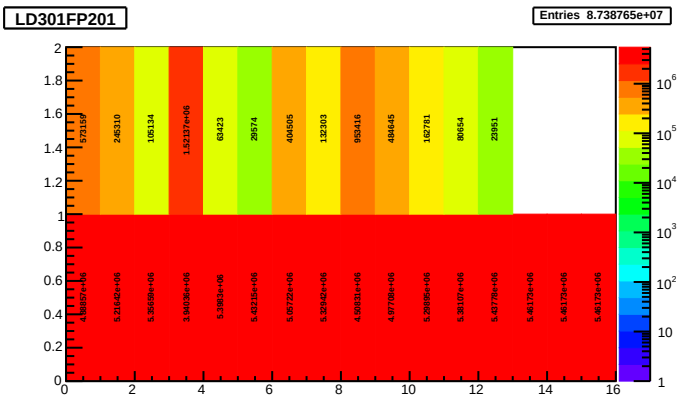
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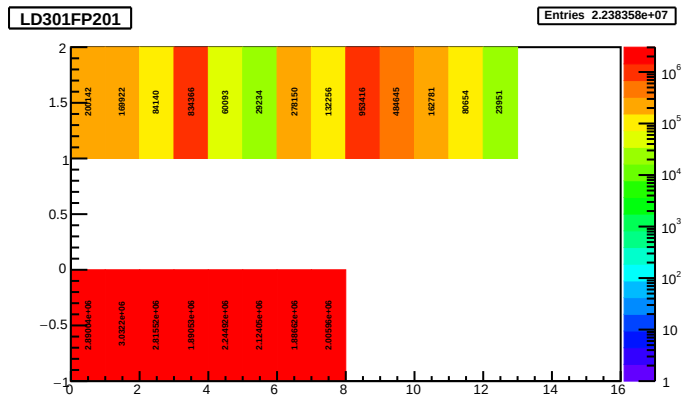
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