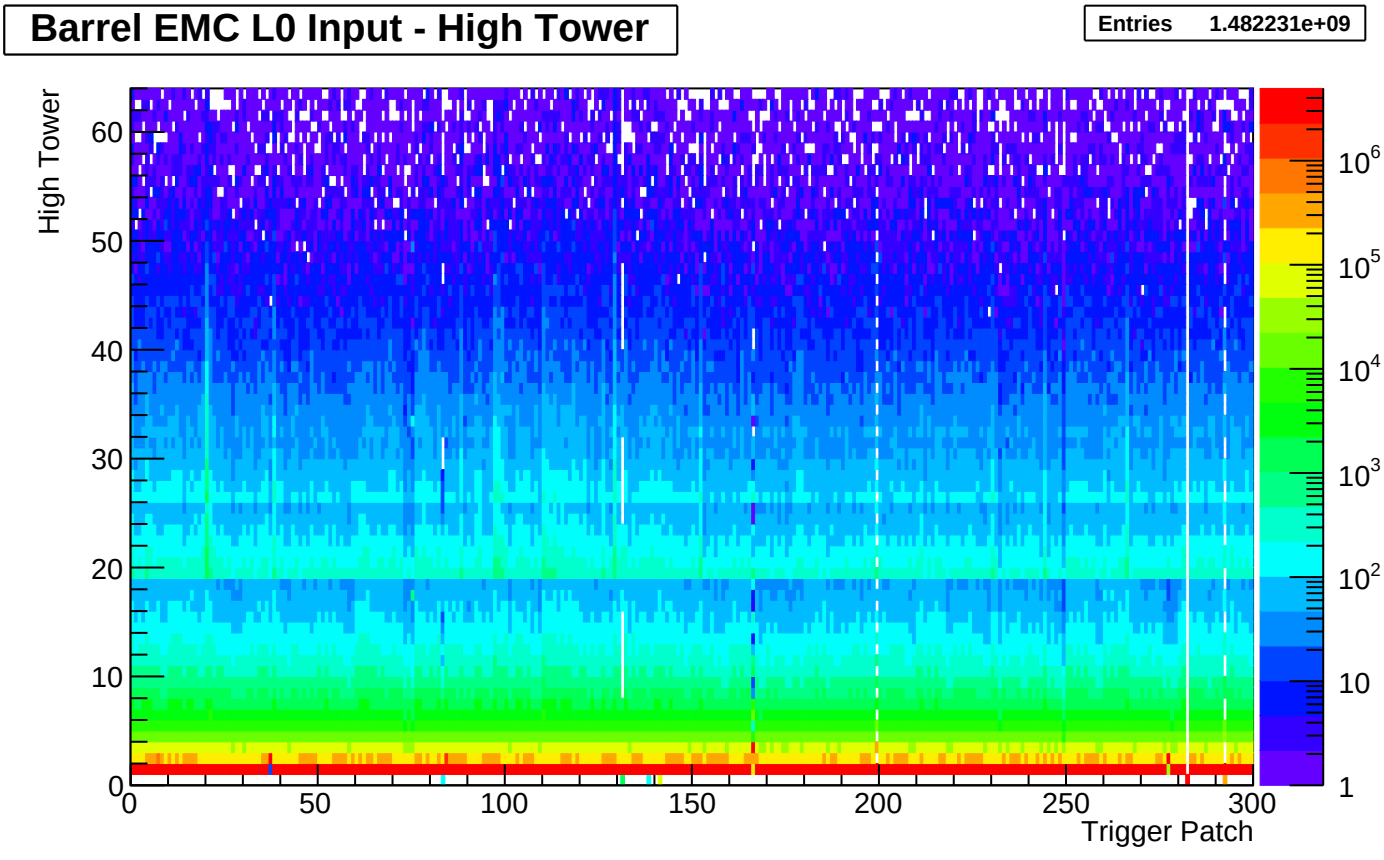
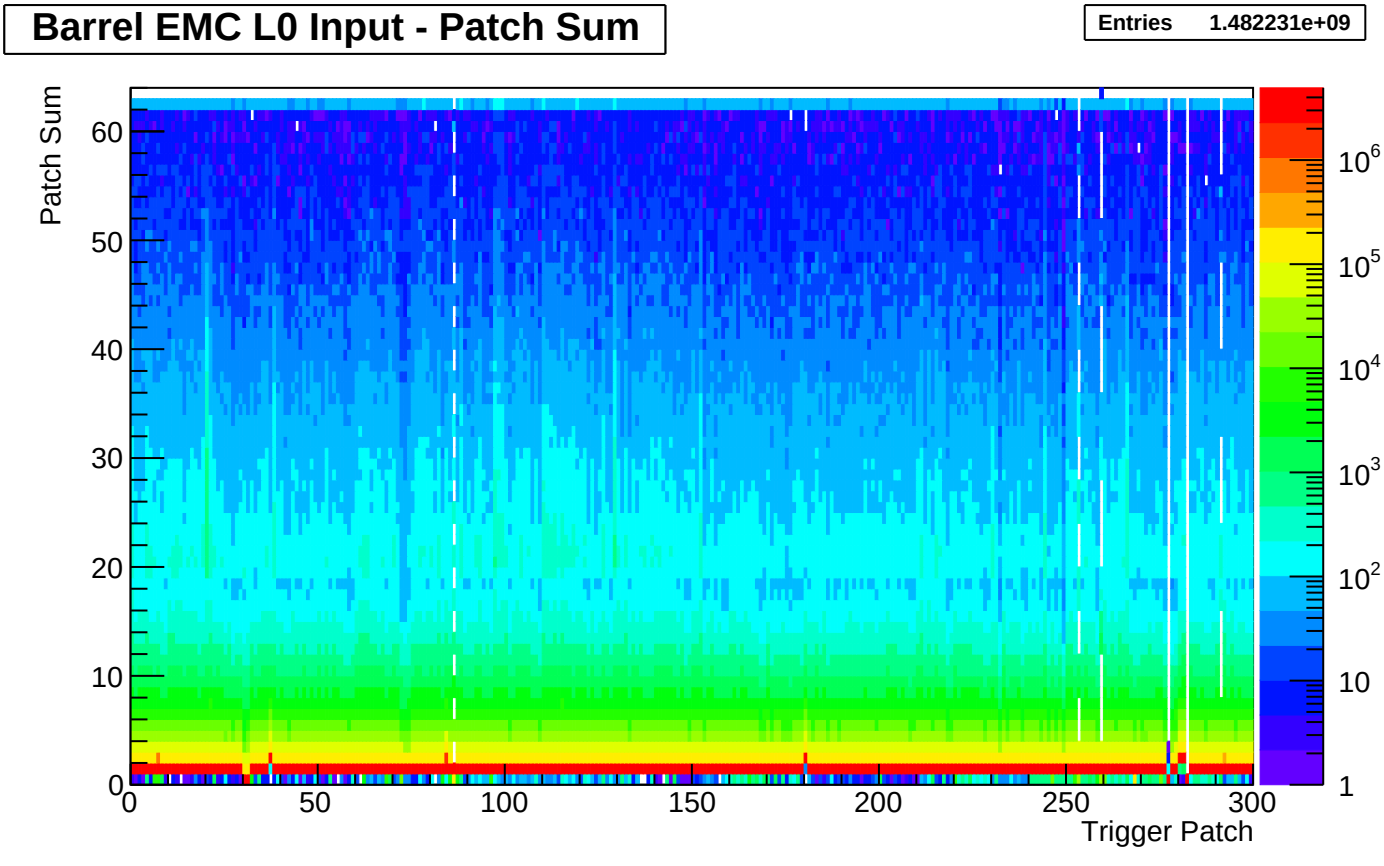
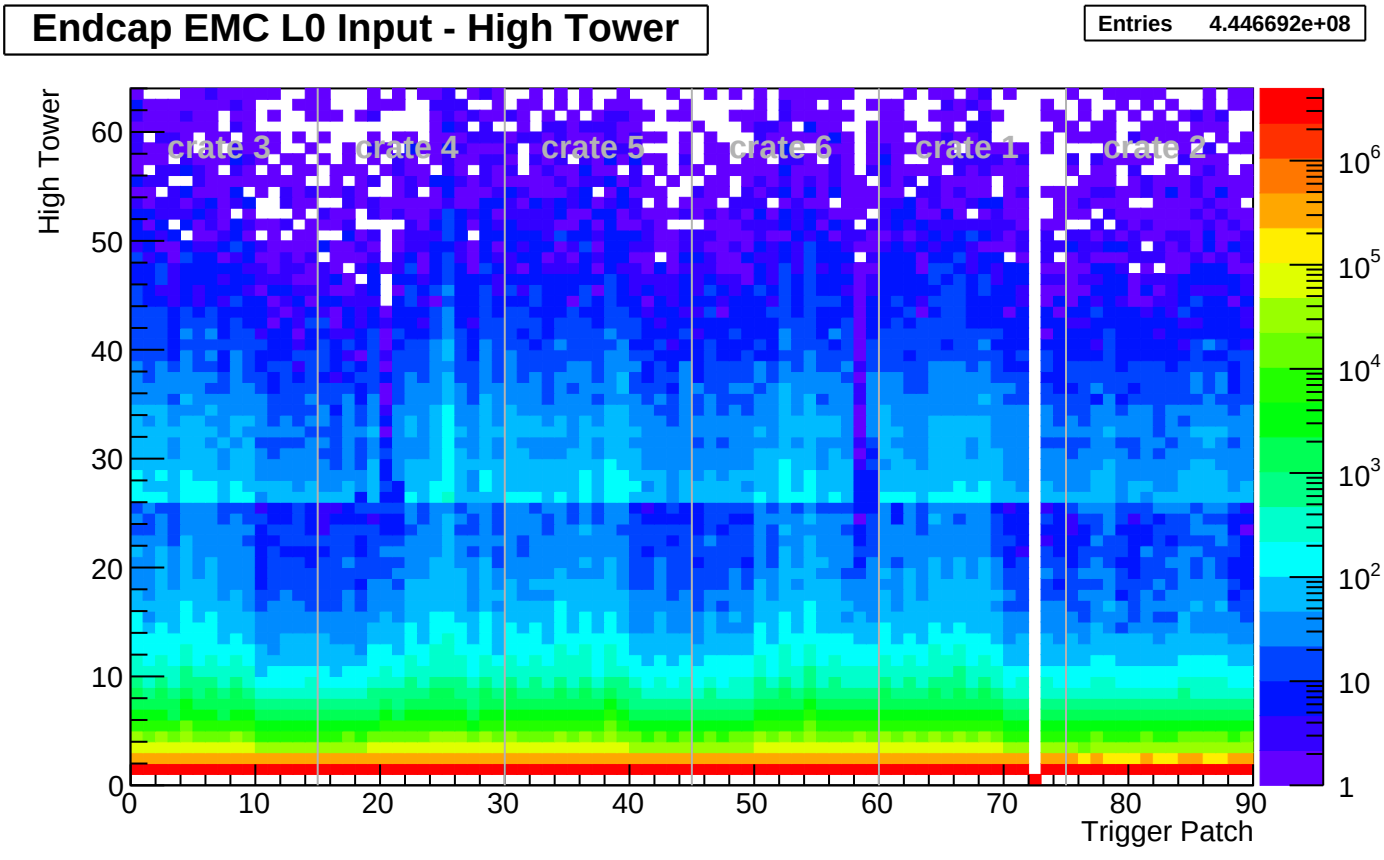
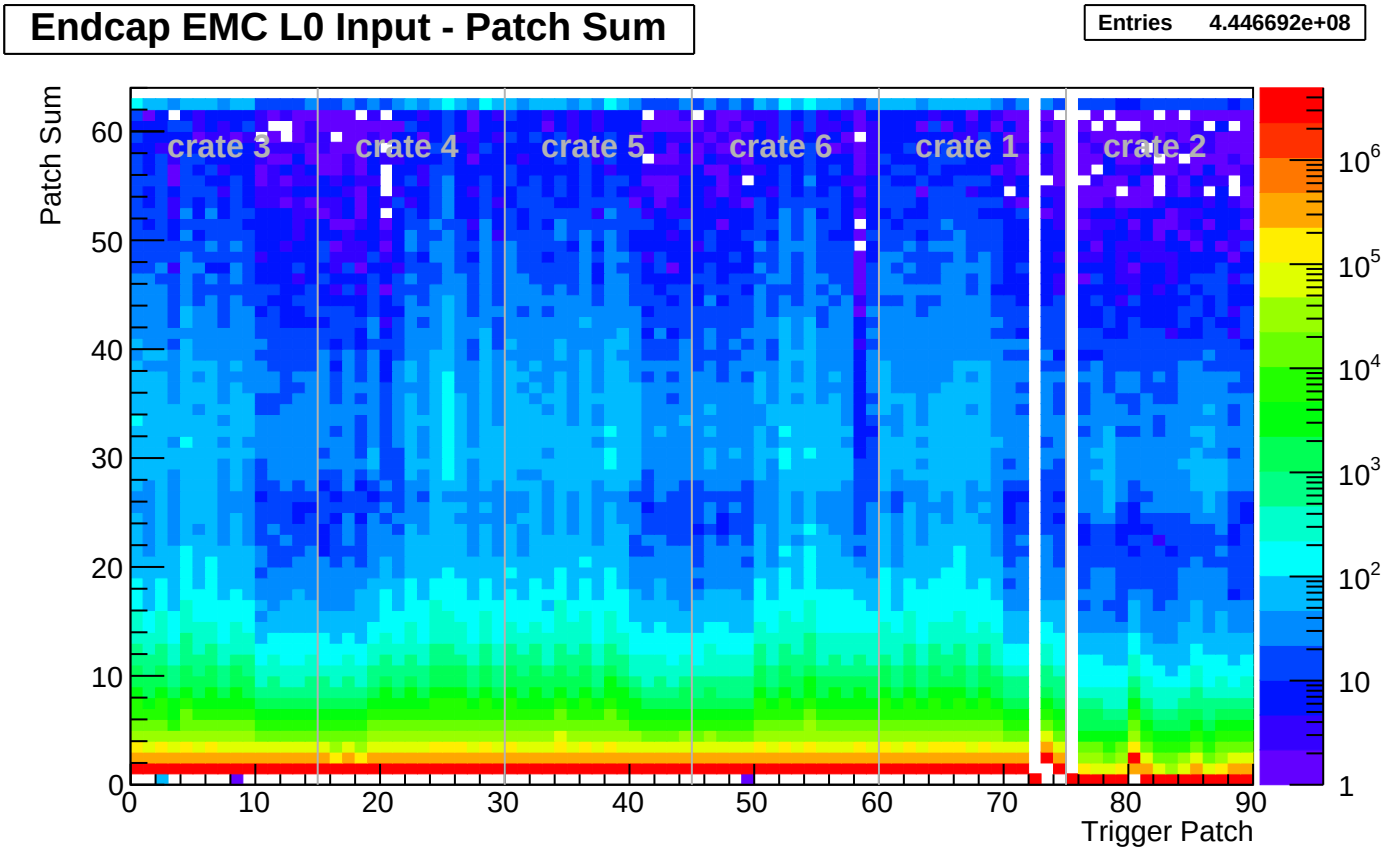
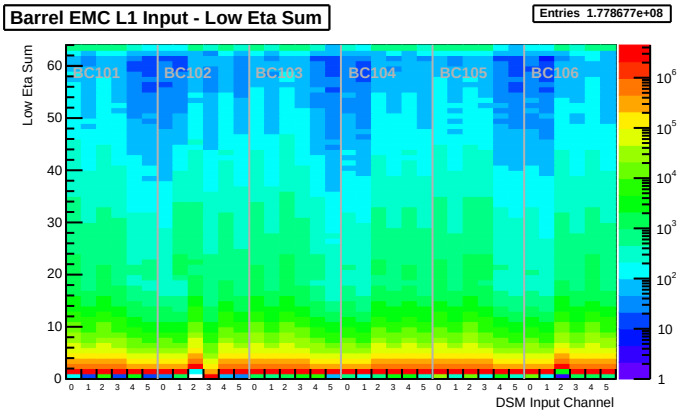
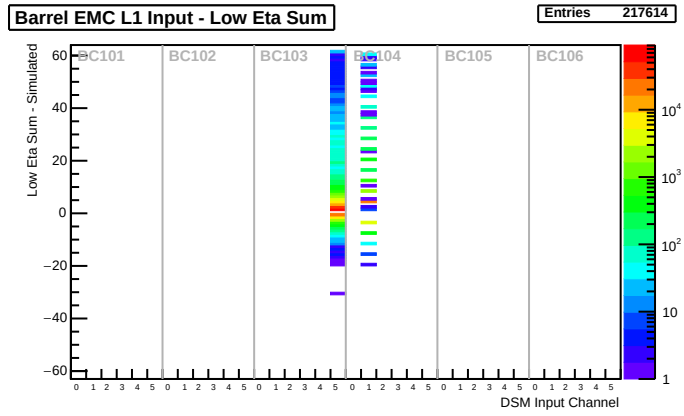

Barrel EMC L0 Input - High Tower
Entries 1.482231e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

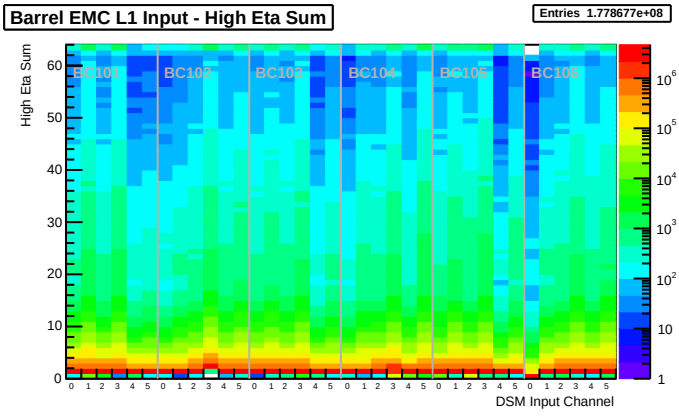

Barrel EMC L0 Input - Patch Sum
Entries 1.482231e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

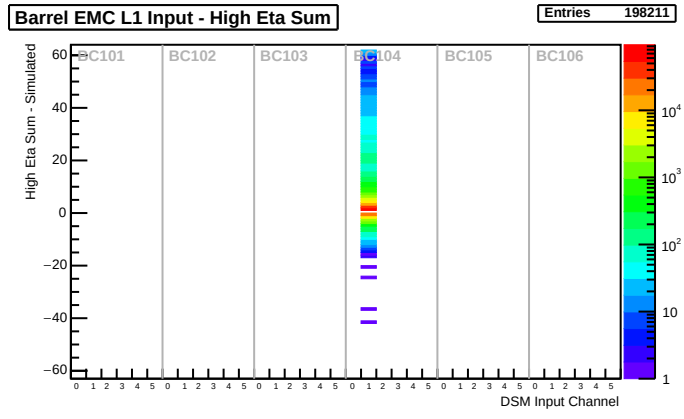

Endcap EMC L0 Input - High Tower
Entries 4.446692e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

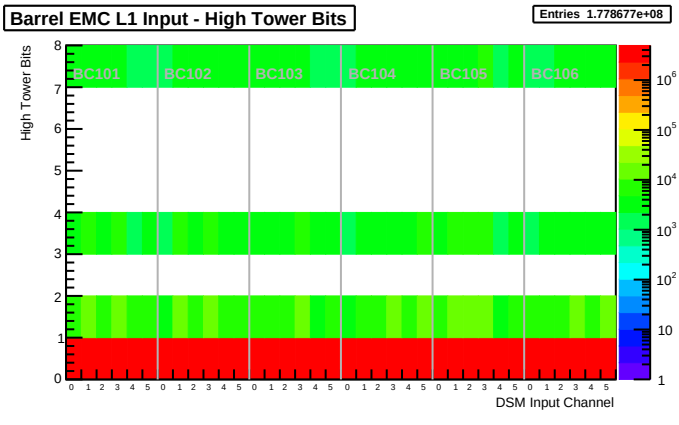

Endcap EMC L0 Input - Patch Sum
Entries 4.446692e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

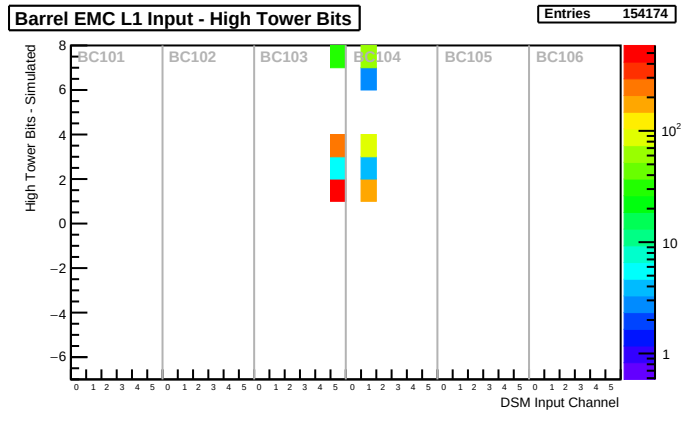

Barrel EMC L1 Input - Low Eta Sum
Entries 1.778677e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

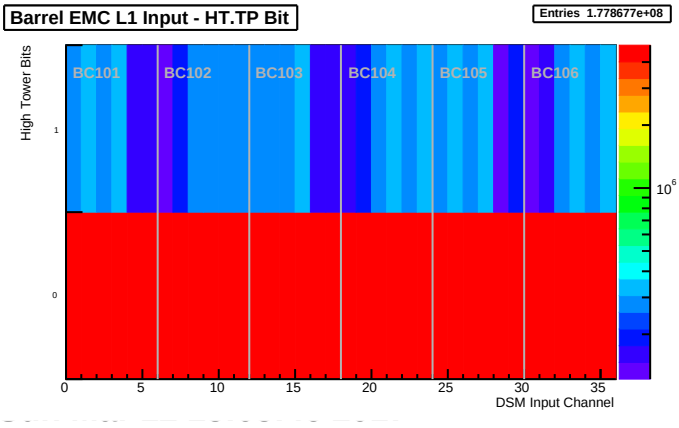

Barrel EMC L1 Input - Low Eta Sum
Entries 217614
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

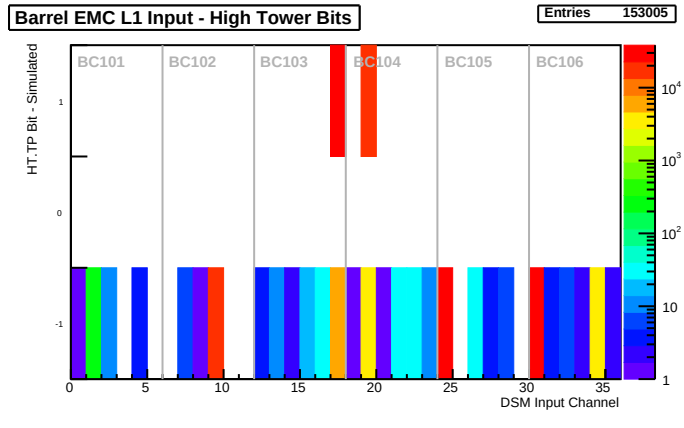

Barrel EMC L1 Input - High Eta Sum
Entries 1.778677e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

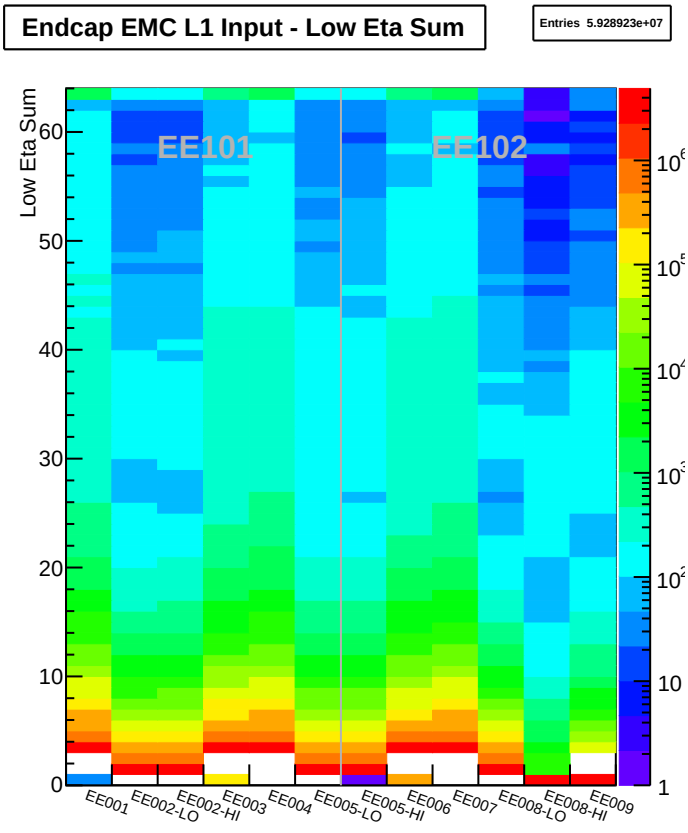

Barrel EMC L1 Input - High Eta Sum
Entries 198211
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

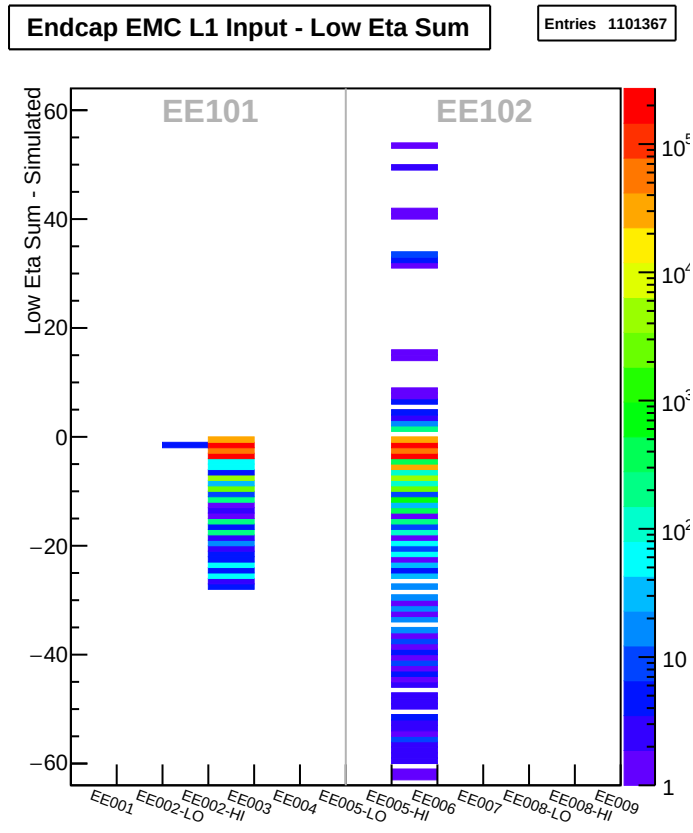

Barrel EMC L1 Input - High Tower Bits
Entries 1.778677e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

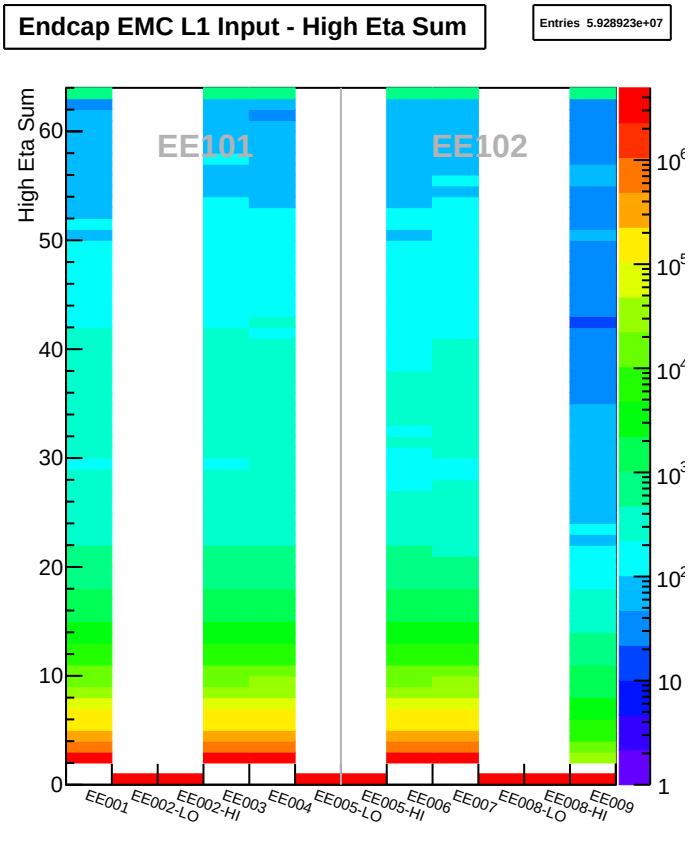

Barrel EMC L1 Input - High Tower Bits
Entries 154174
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

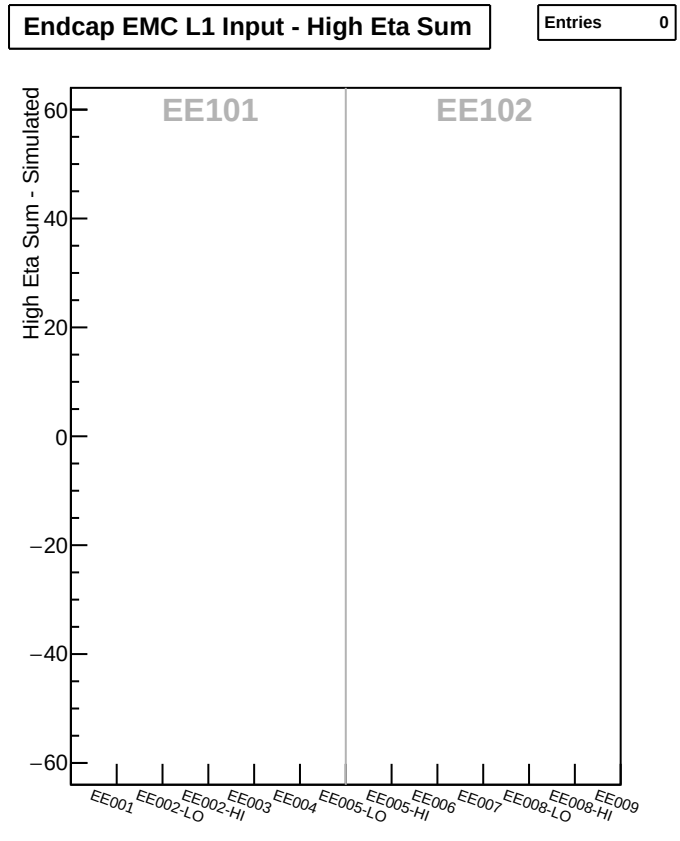

Barrel EMC L1 Input - HT.TP Bit
Entries 1.778677e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

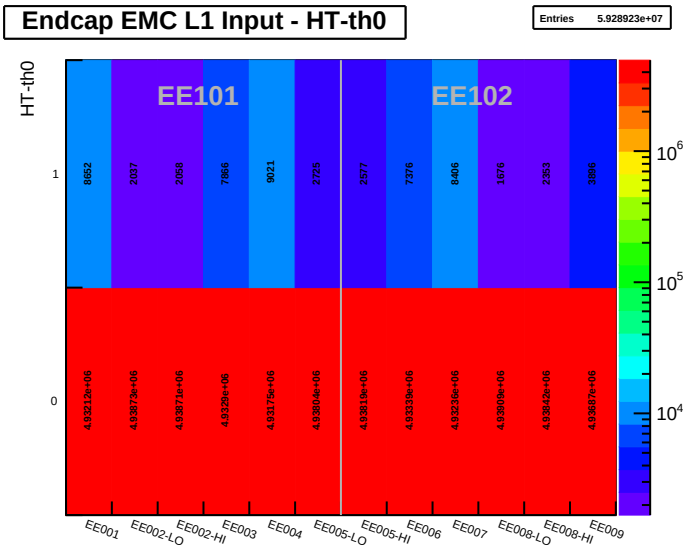

Barrel EMC L1 Input - High Tower Bits
Entries 153005
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

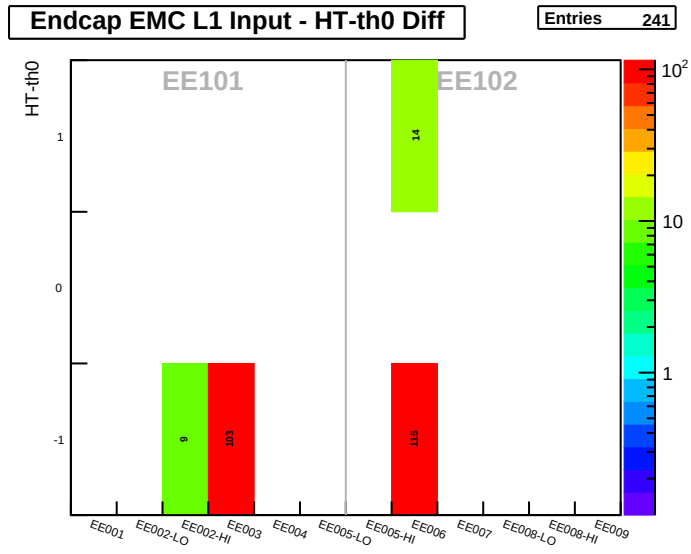

Endcap EMC L1 Input - Low Eta Sum
Entries 5.928923e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

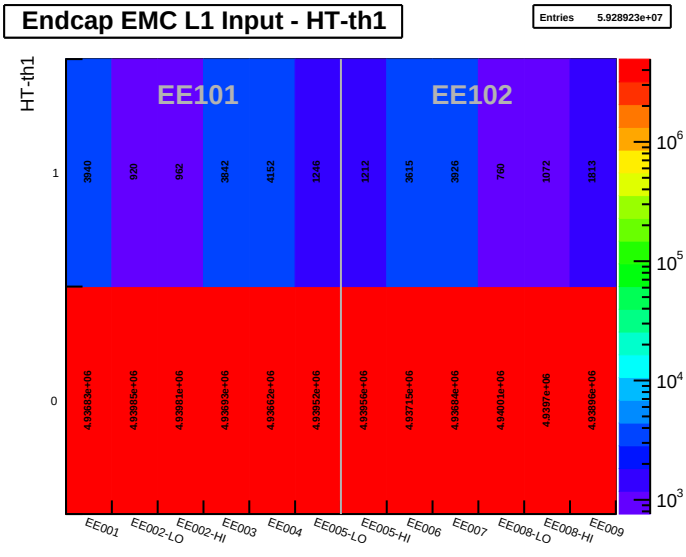

Endcap EMC L1 Input - Low Eta Sum
Entries 1101367
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

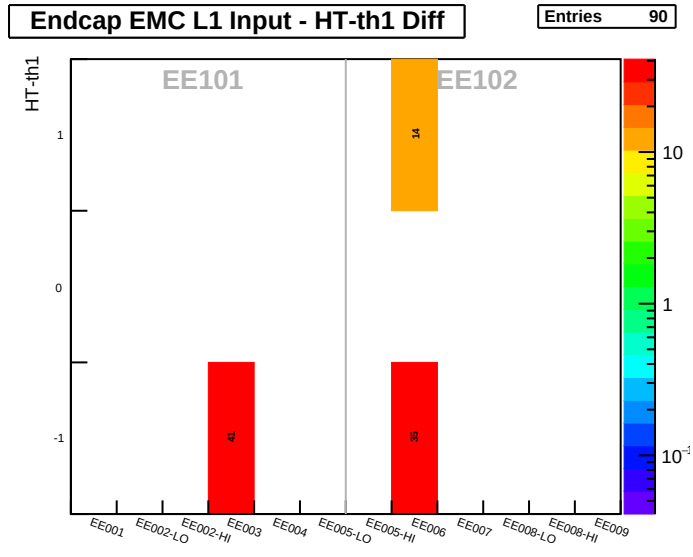

Endcap EMC L1 Input - High Eta Sum
Entries 5.928923e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

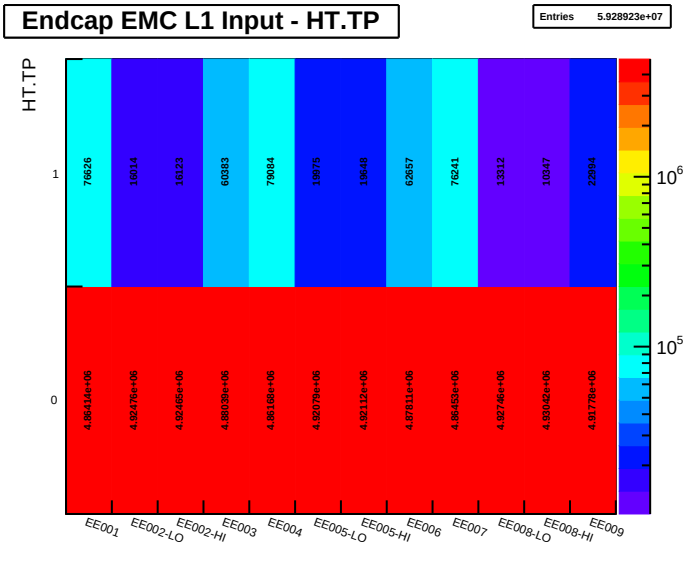

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

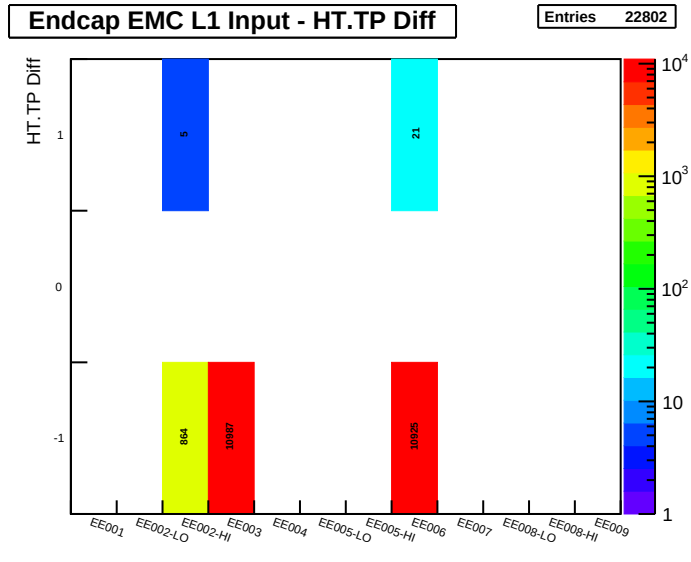

Endcap EMC L1 Input - HT-th0
Entries 5.928923e+07
HT-th0
EE101
EE102
1
0
8652
2037
2058
7866
9021
2725
2577
7376
8406
1676
2363
3896
4.93212e+06
4.93873e+06
4.93871e+06
4.93529e+06
4.93175e+06
4.93804e+06
4.93819e+06
4.93339e+06
4.93236e+06
4.93909e+06
4.93842e+06
4.93687e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4

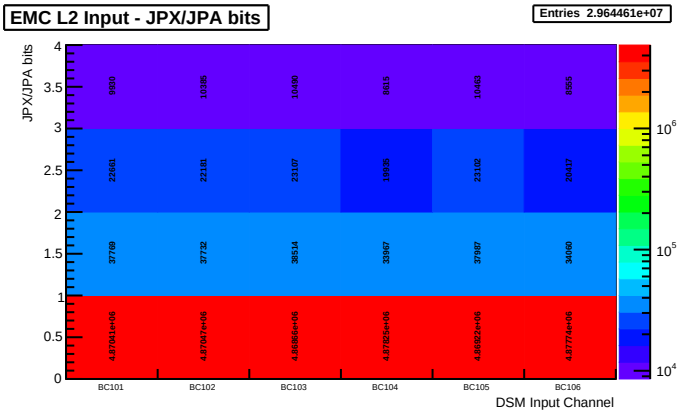

Endcap EMC L1 Input - HT-th0 Diff
Entries 241
HT-th0
EE101
EE102
1
0
-1
14
9
103
115
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^2
10
1

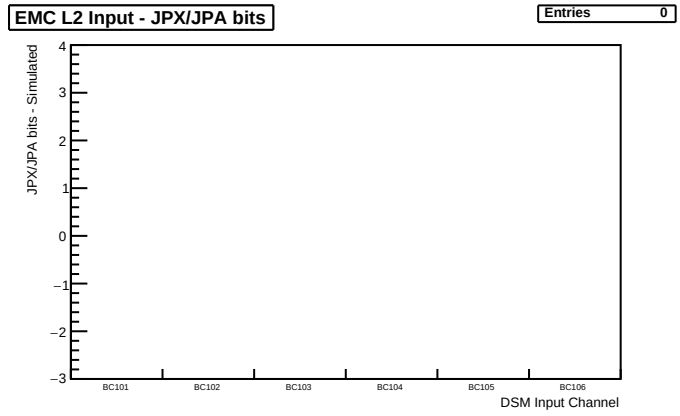

Endcap EMC L1 Input - HT-th1
Entries 5.928923e+07
HT-th1
EE101
EE102
1
0
3940
920
962
3842
4152
1246
1212
3615
3926
760
1072
1313
4.93863e+06
4.93895e+06
4.93931e+06
4.93693e+06
4.93862e+06
4.93952e+06
4.93956e+06
4.93715e+06
4.93684e+06
4.94001e+06
4.9397e+06
4.93896e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5
10^4
10^3

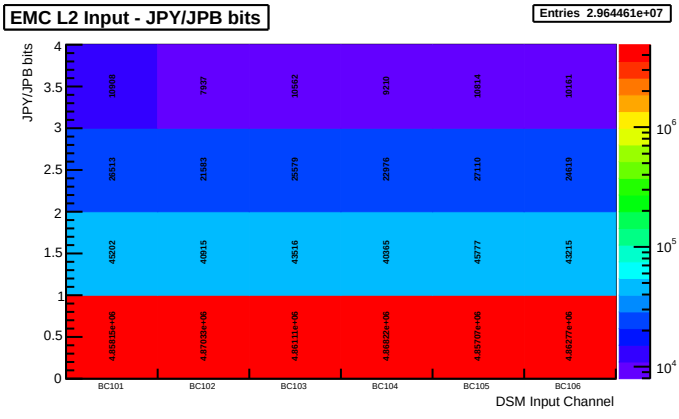

Endcap EMC L1 Input - HT-th1 Diff
Entries 90
HT-th1
EE101
EE102
1
0
-1
14
41
35
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10
1
10^{-1}

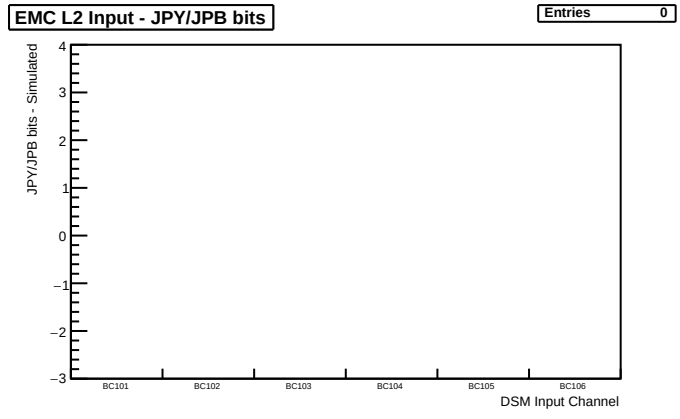

Endcap EMC L1 Input - HT.TP
Entries 5.928923e+07
HT.TP
1
0
76626
16014
16123
60383
79084
19976
19648
62657
76241
13312
10347
22994
4.86414e+06
4.92476e+06
4.92465e+06
4.88039e+06
4.86168e+06
4.92079e+06
4.92112e+06
4.87811e+06
4.89453e+06
4.92746e+06
4.93042e+06
4.91778e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^6
10^5

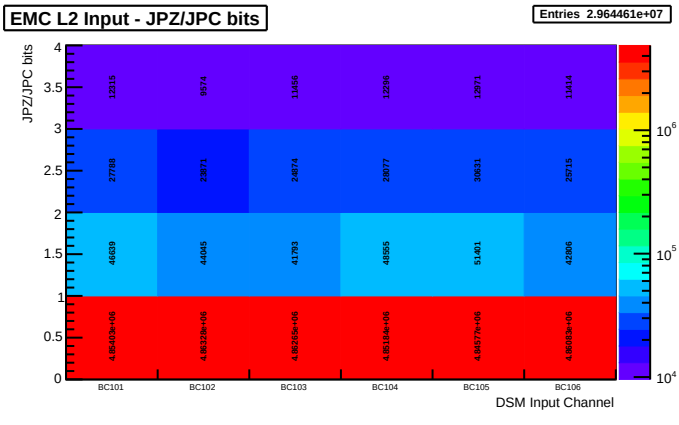

Endcap EMC L1 Input - HT.TP Diff
Entries 22802
HT.TP Diff
1
0
-1
5
21
864
10987
10925
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009
10^4
10^3
10^2
10
1

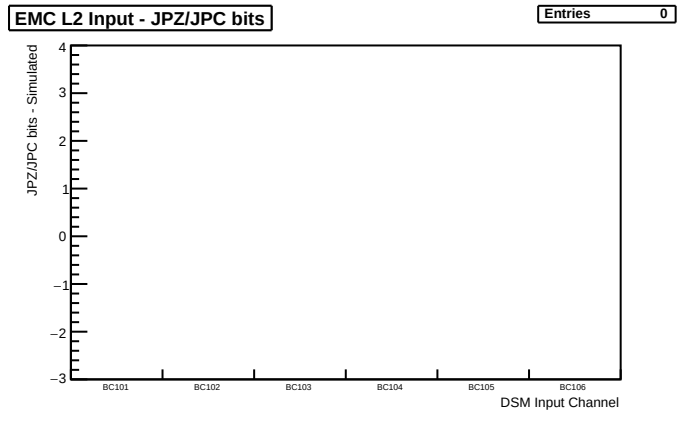

EMC L2 Input - JPX/JPA bits
Entries 2.964461e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

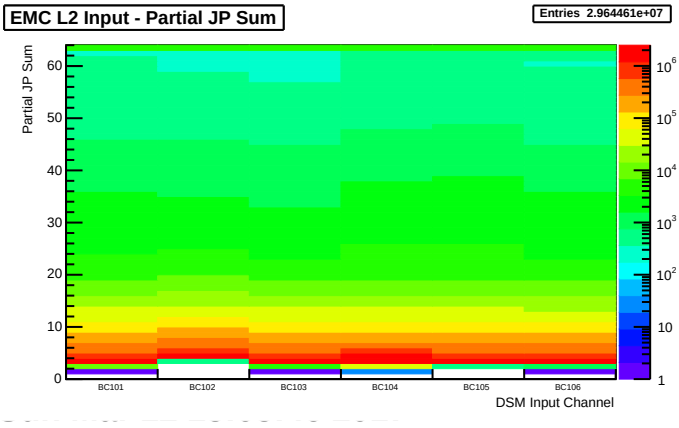

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

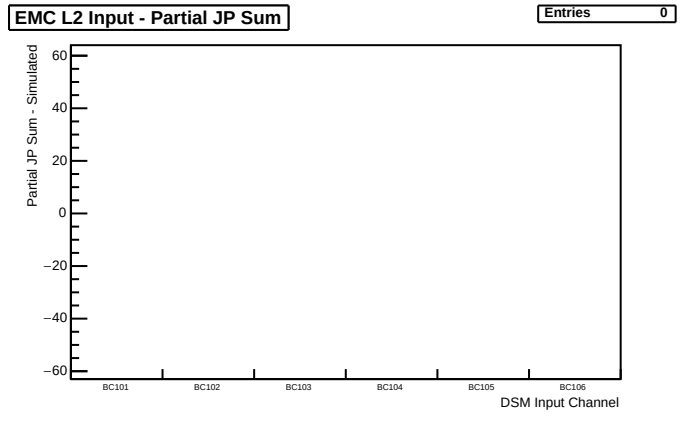

EMC L2 Input - JPY/JPB bits
Entries 2.964461e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

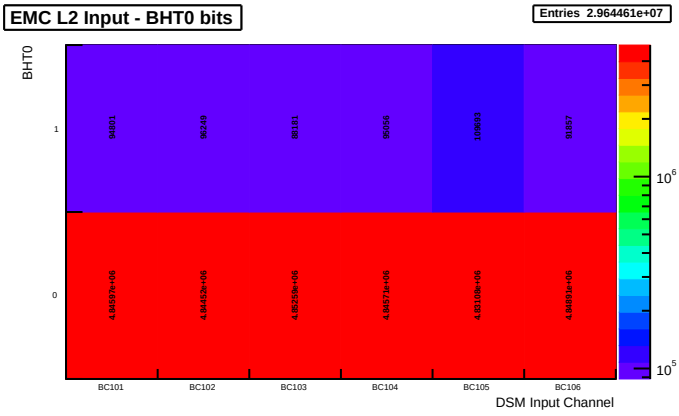

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

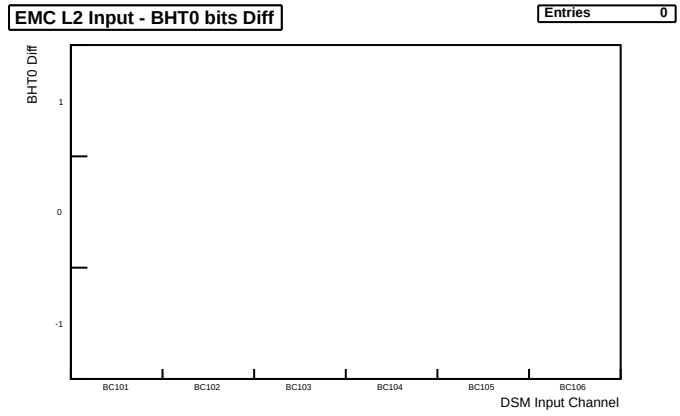

EMC L2 Input - JPZ/JPC bits
Entries 2.964461e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

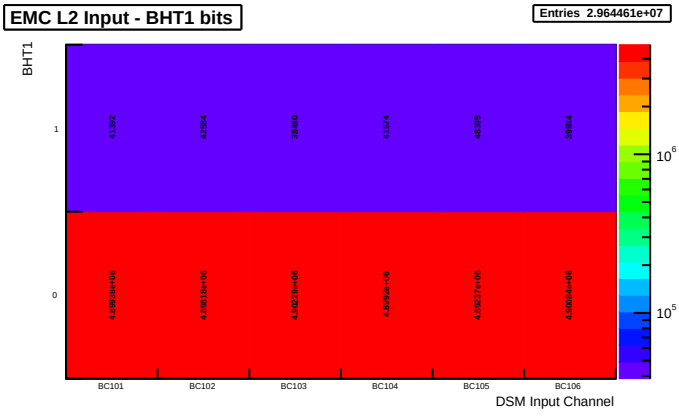

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

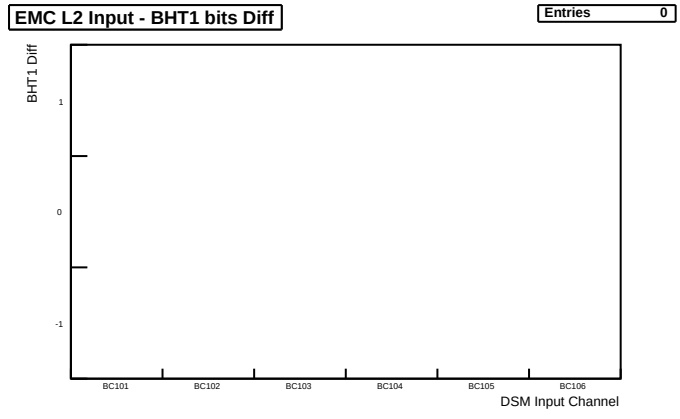

EMC L2 Input - Partial JP Sum
Entries 2.964461e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

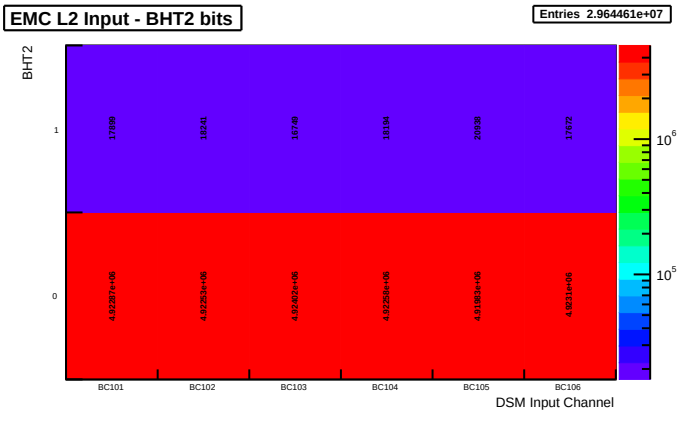

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

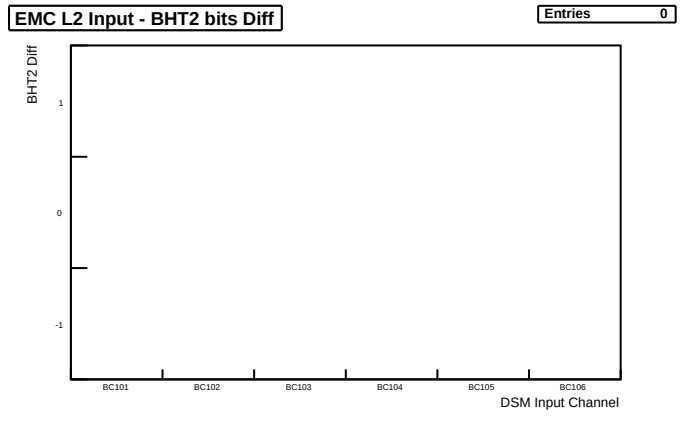

EMC L2 Input - BHT0 bits
Entries 2.964461e+07
BHT0
1
0
94601
95249
98181
95055
109893
91857
4.84597e+06
4.84452e+06
4.85259e+06
4.89571e+06
4.85108e+06
4.8493e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

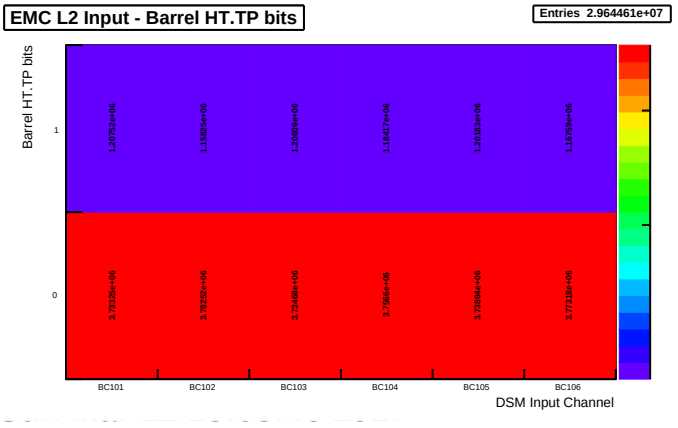

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

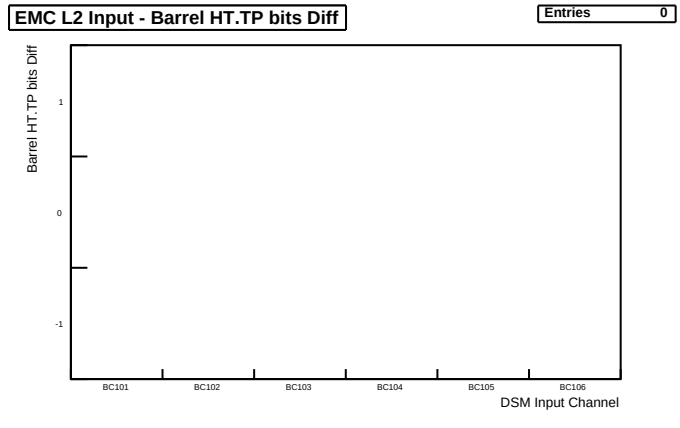

EMC L2 Input - BHT1 bits
Entries 2.964461e+07
BHT1
1
0
41392
42094
39460
41574
43395
39934
4.89938e+06
4.89818e+06
4.90229e+06
4.8992e+06
4.89237e+06
4.90934e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

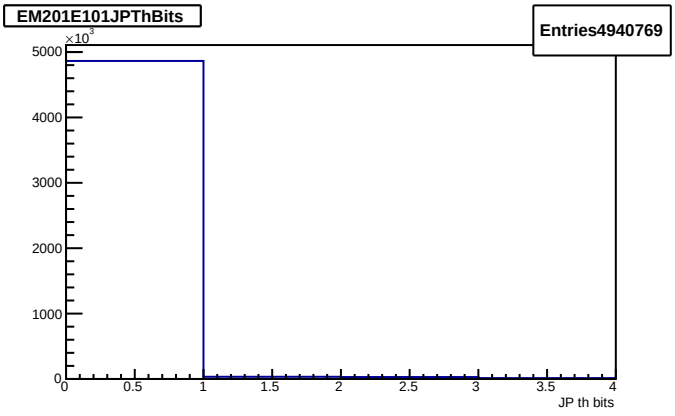

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

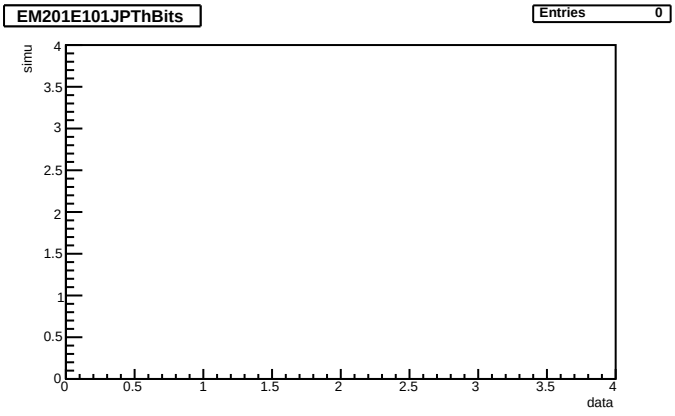

EMC L2 Input - BHT2 bits
Entries 2.964461e+07
BHT2
1
0
17339
18241
16749
18194
20938
17672
4.92287e+06
4.92253e+06
4.92402e+06
4.92258e+06
4.91934e+06
4.9231e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

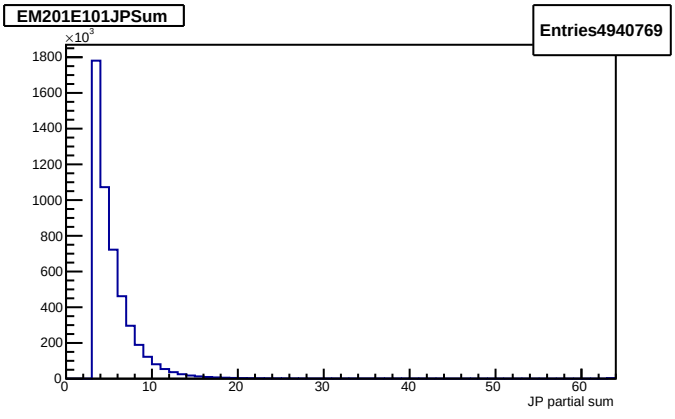

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

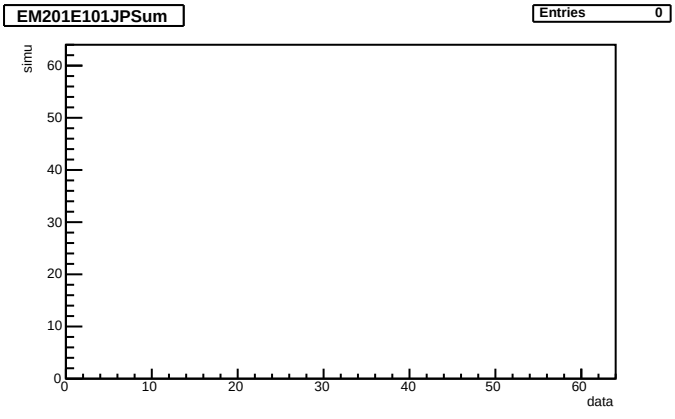

EMC L2 Input - Barrel HT.TP bits
Entries 2.964461e+07
Barrel HT.TP bits
1
0
1.20752e+06
1.15925e+06
1.20699e+06
1.13617e+06
1.20283e+06
1.16759e+06
3.73325e+06
3.78292e+06
3.72468e+06
3.7566e+06
3.72694e+06
3.77318e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

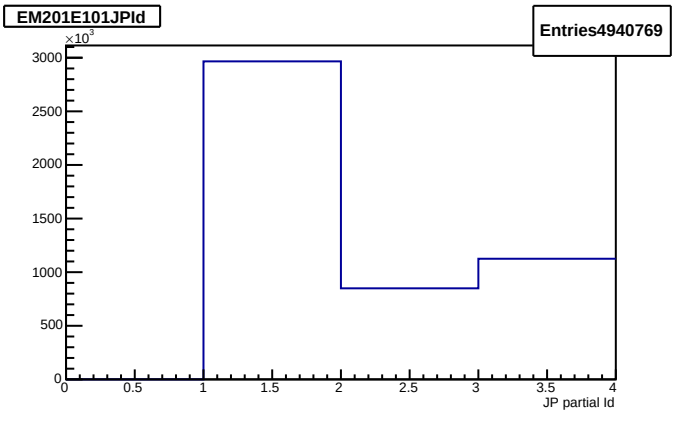

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

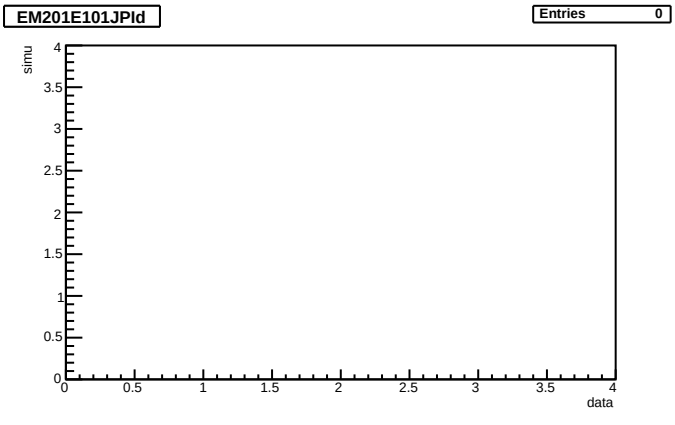

EM201E101JPThBits
Entries4940769
JP th bits

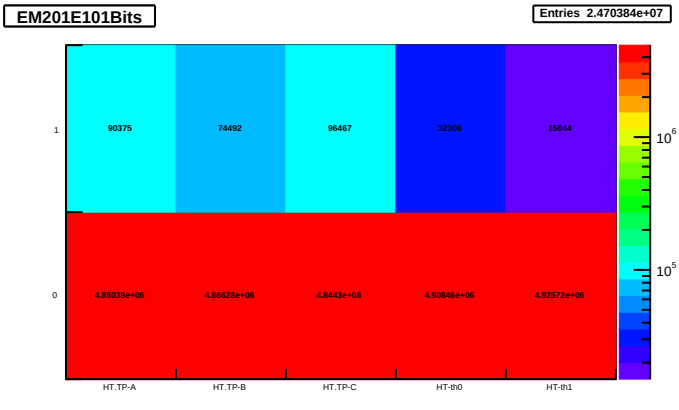

EM201E101JPThBits
Entries 0
simu
data

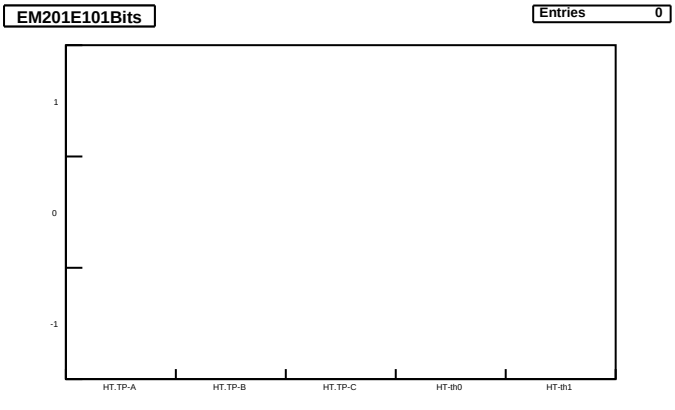

EM201E101JPSum
Entries4940769
JP partial sum

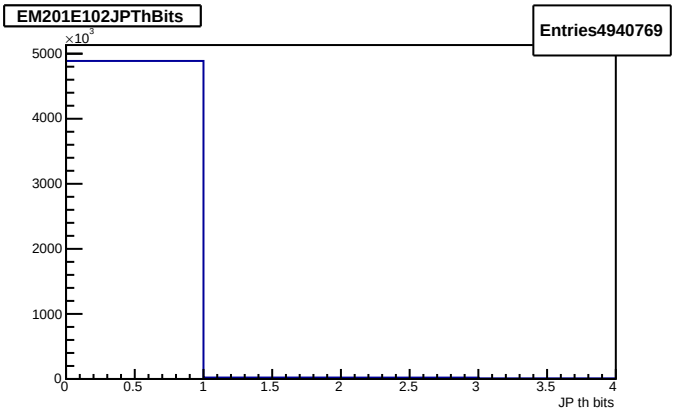

EM201E101JPSum
Entries 0
simu
data

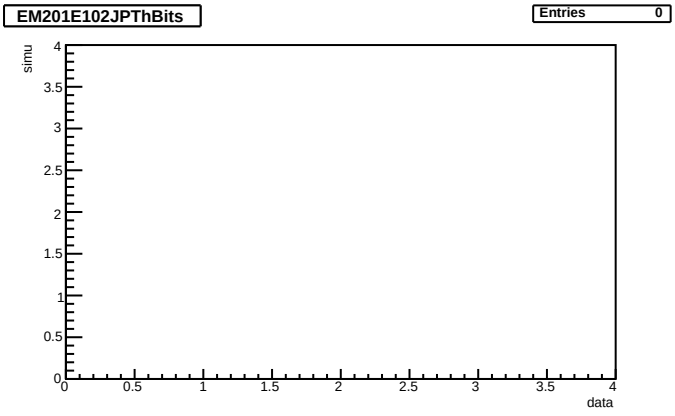

EM201E101JPId
Entries4940769
JP partial Id

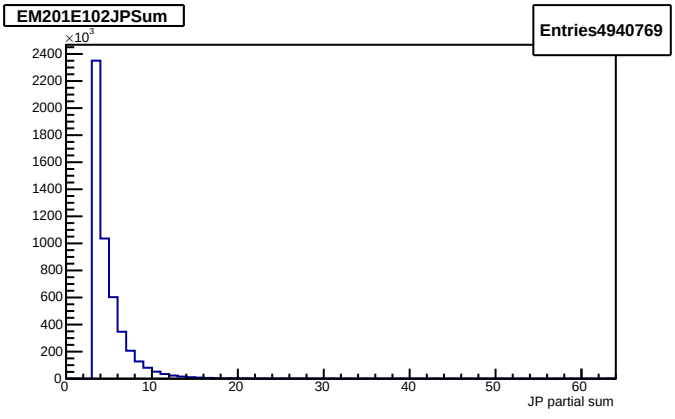

EM201E101JPId
Entries 0
simu
data

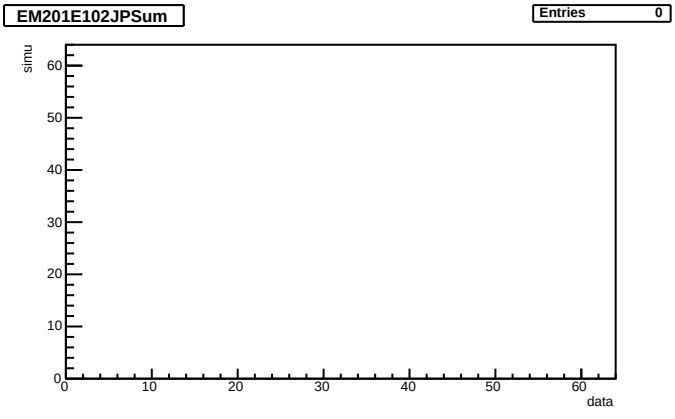

EM201E101Bits
Entries 2.470384e+07
90375
74492
96467
32306
15044
4.85039e+06
4.86628e+06
4.8443e+06
4.90846e+06
4.92572e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

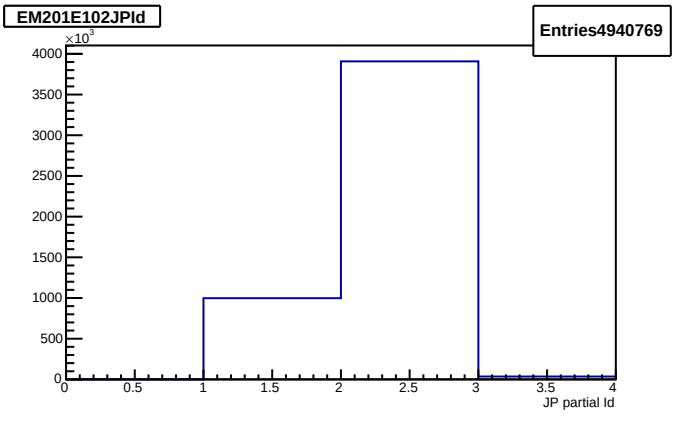

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

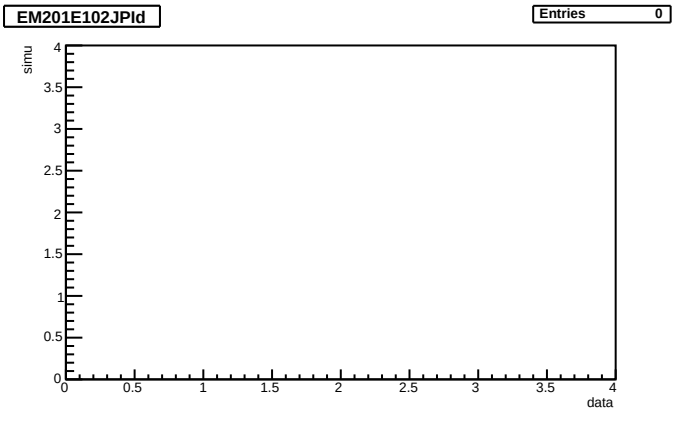

EM201E102JPThBits
Entries4940769
JP th bits

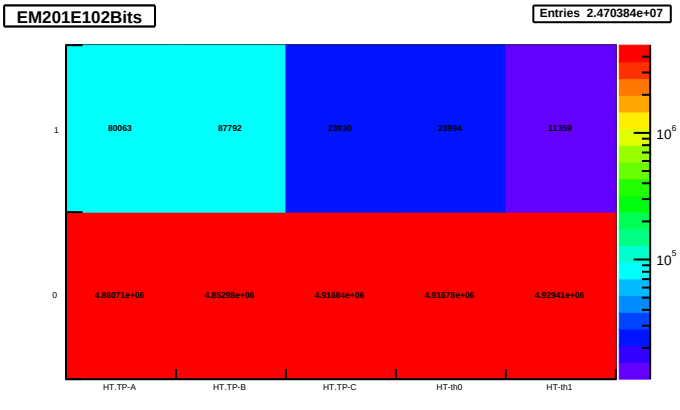

EM201E102JPThBits
Entries 0
simu
data

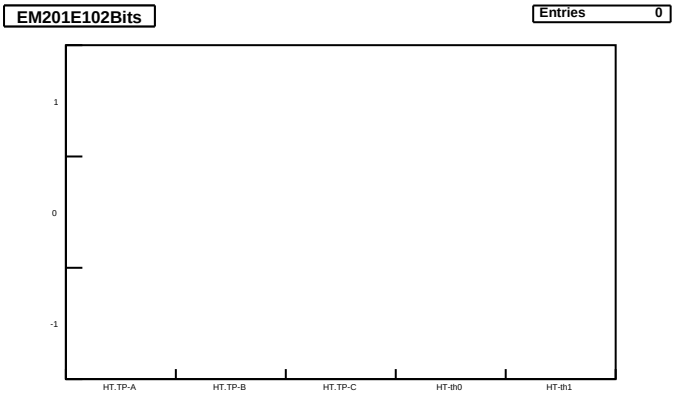

EM201E102JPSum
Entries4940769
JP partial sum

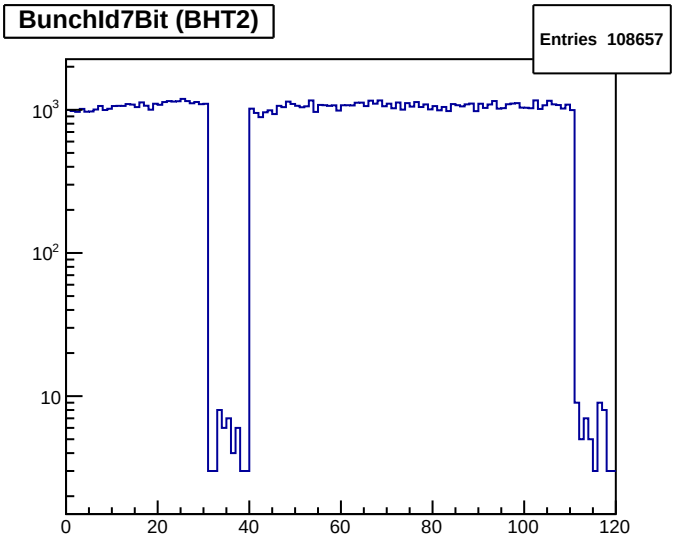

EM201E102JPSum
Entries 0
simu
data

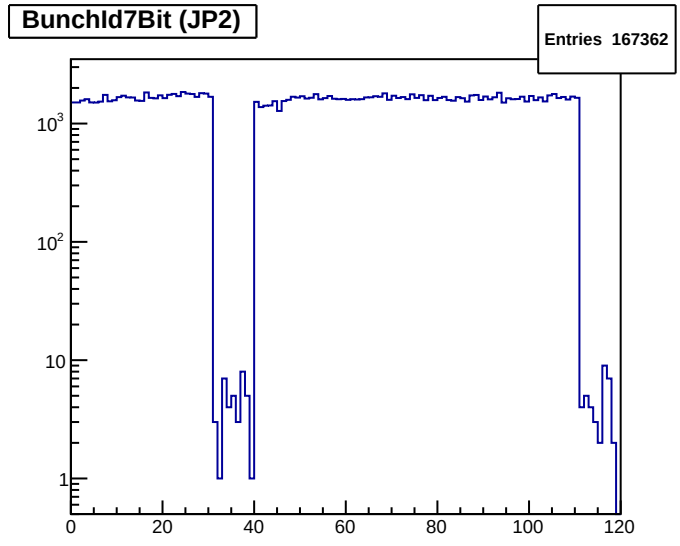

EM201E102JPId
Entries4940769
JP partial Id

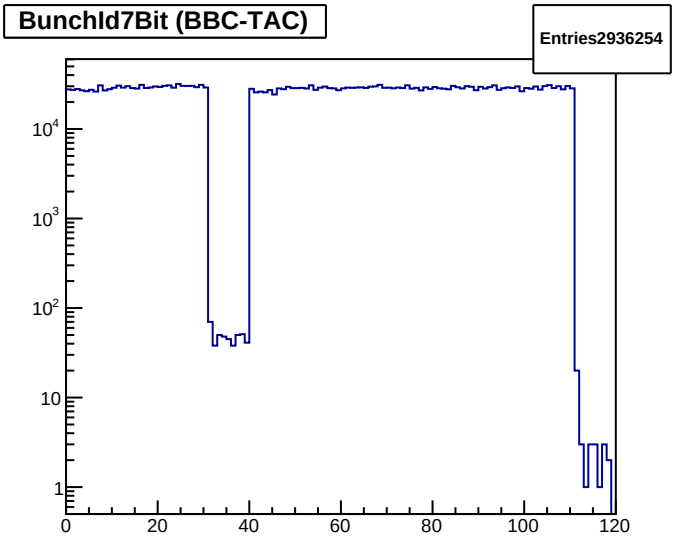

EM201E102JPId
Entries 0
simu
data

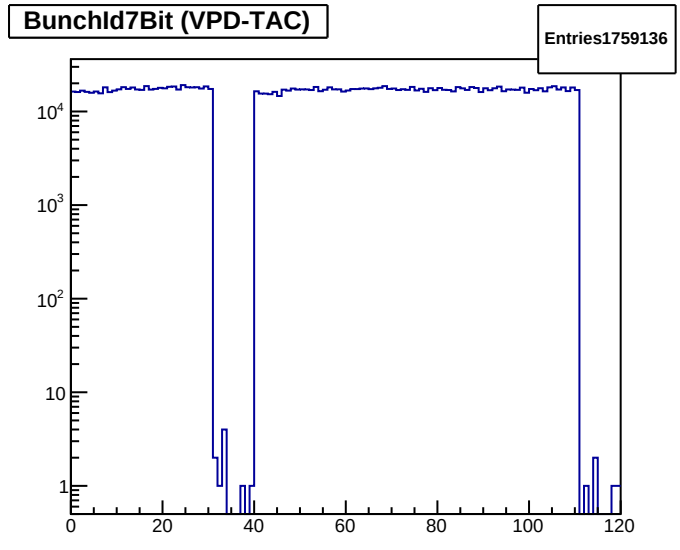

EM201E102Bits
Entries 2.470384e+07
80063
87792
23930
23994
11359
4.86071e+06
4.85298e+06
4.91684e+06
4.91678e+06
4.92941e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

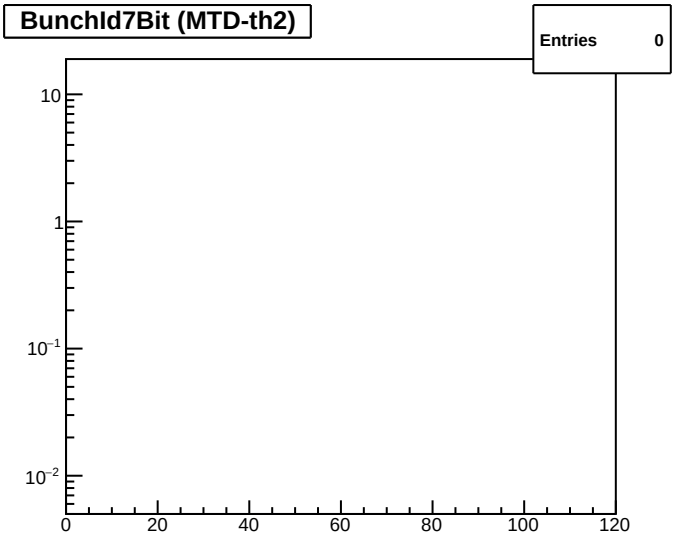

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

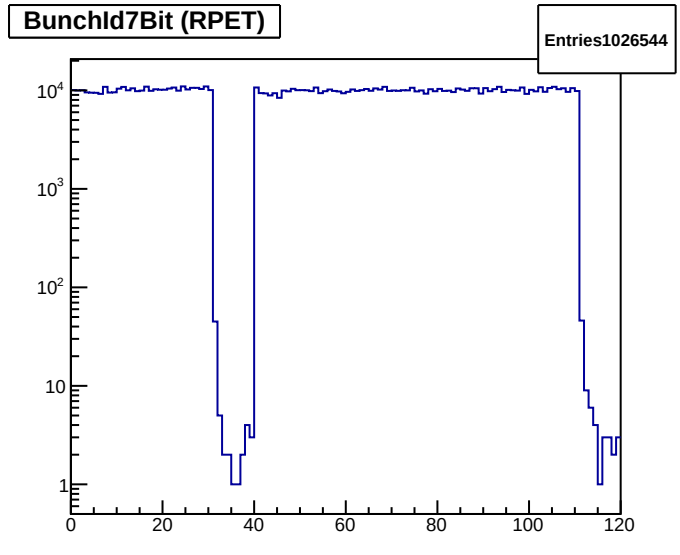

BunchId7Bit (BHT2)
Entries 108657

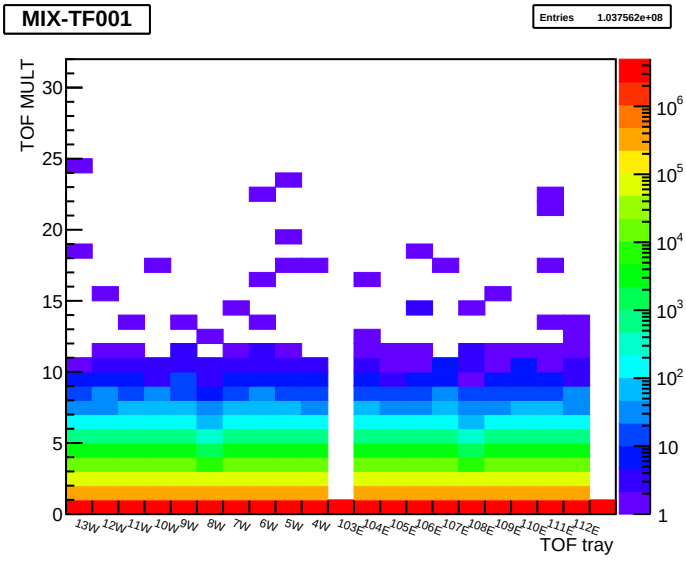

BunchId7Bit (JP2)
Entries 167362

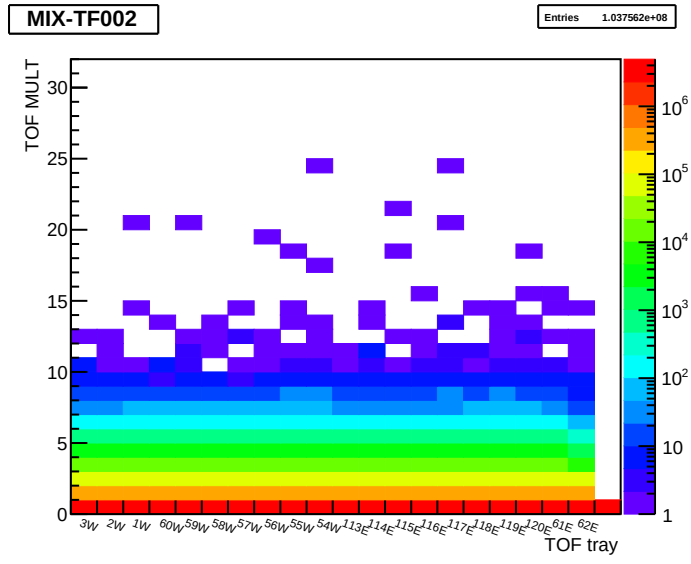

BunchId7Bit (BBC-TAC)
Entries2936254

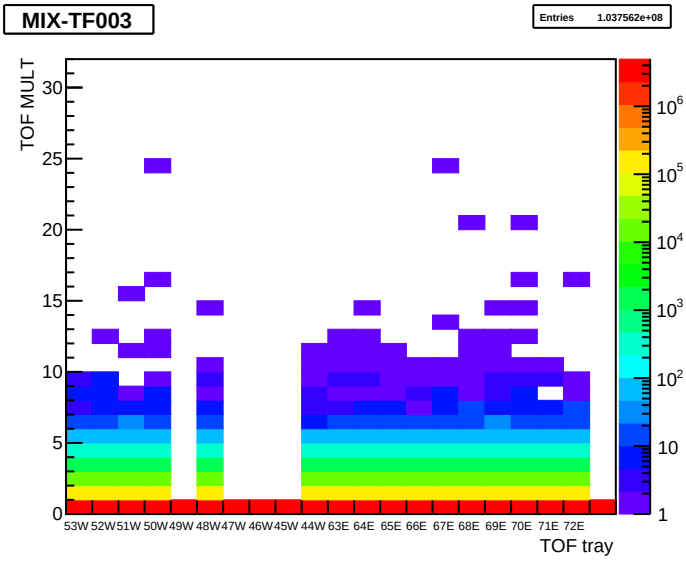

BunchId7Bit (VPD-TAC)
Entries1759136

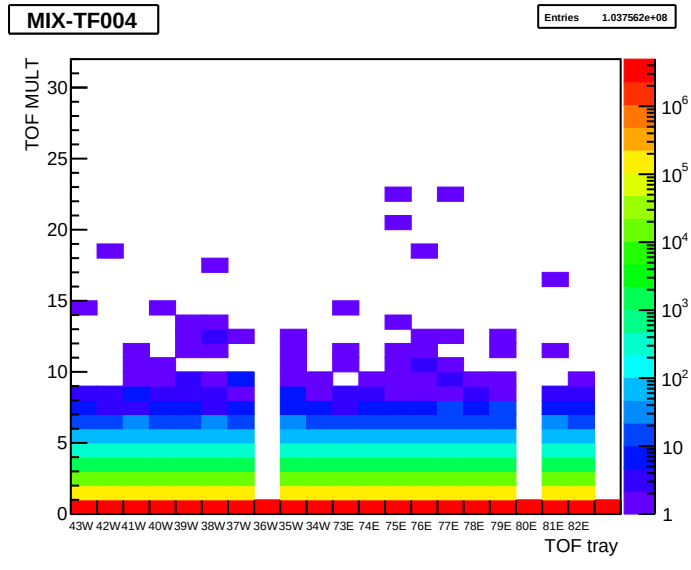

BunchId7Bit (MTD-th2)
Entries 0

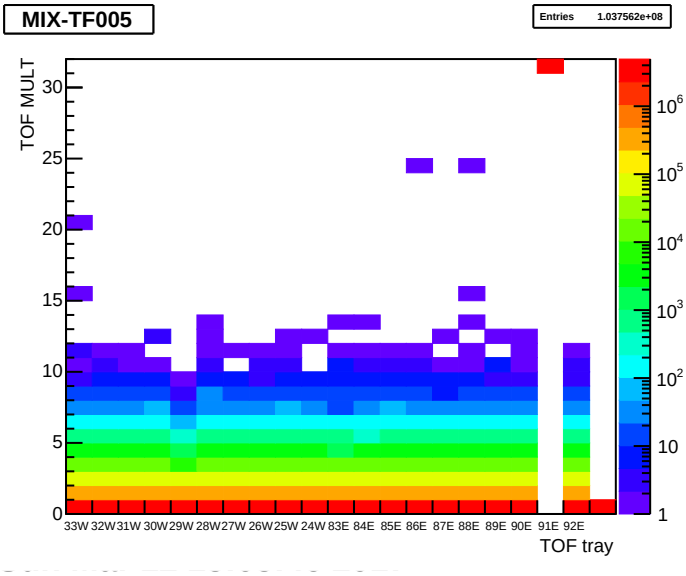

BunchId7Bit (RPET)
Entries1026544

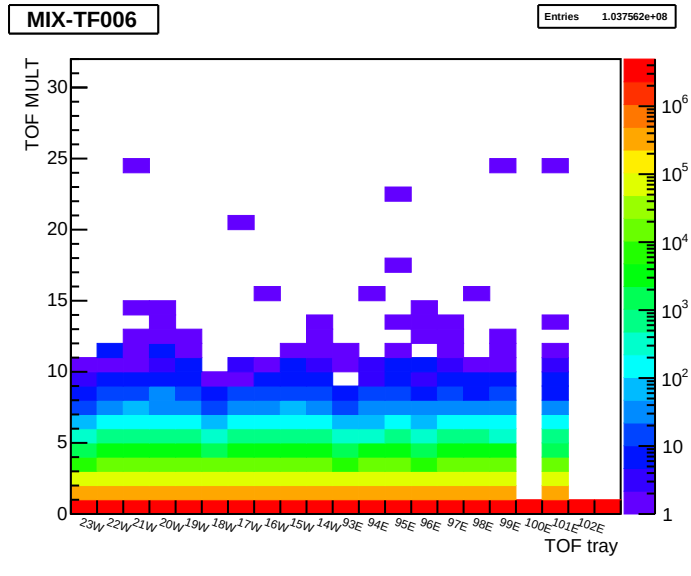

MIX-TF001
Entries 1.037562e+08
TOF MULT
TOF tray

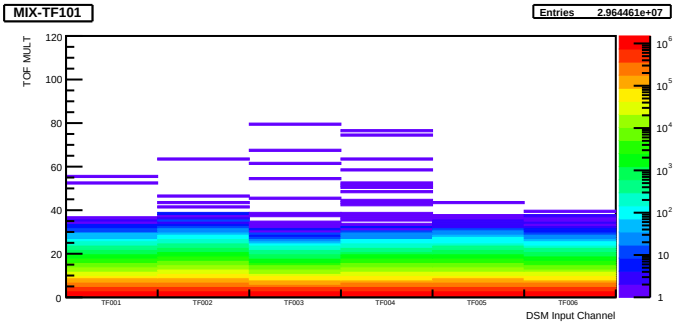

MIX-TF002
Entries 1.037562e+08
TOF MULT
TOF tray

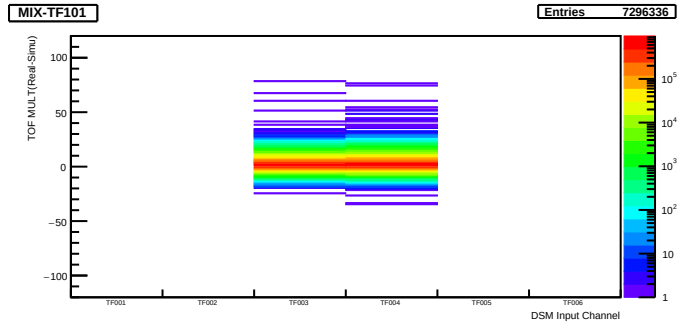

MIX-TF003
Entries 1.037562e+08
TOF MULT
TOF tray

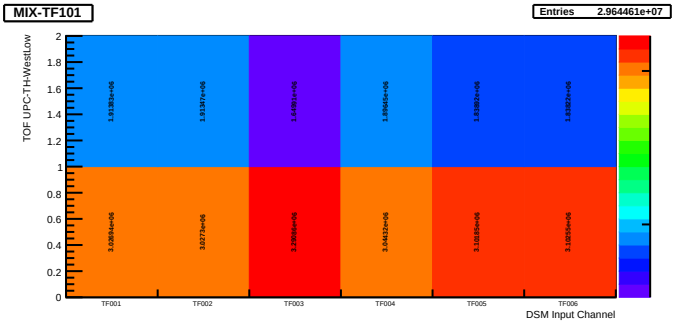

MIX-TF004
Entries 1.037562e+08
TOF MULT
TOF tray

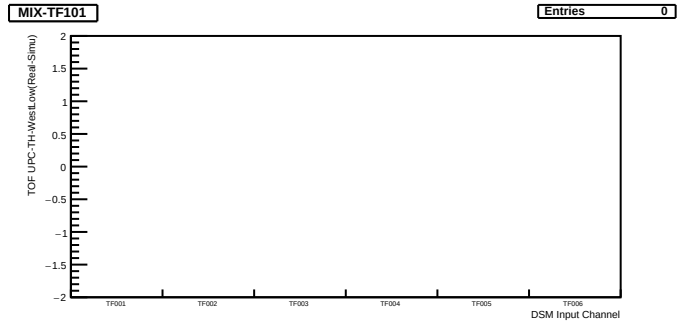

MIX-TF005
Entries 1.037562e+08
TOF MULT
TOF tray

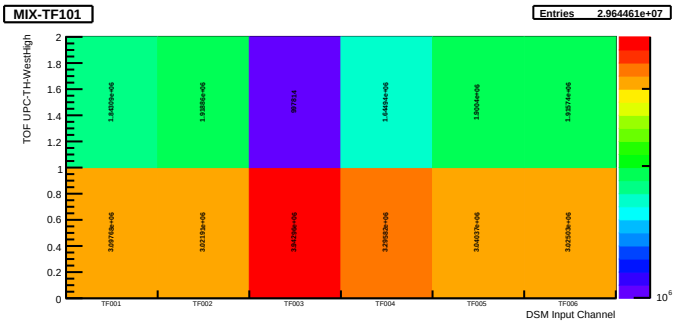

MIX-TF006
Entries 1.037562e+08
TOF MULT
TOF tray

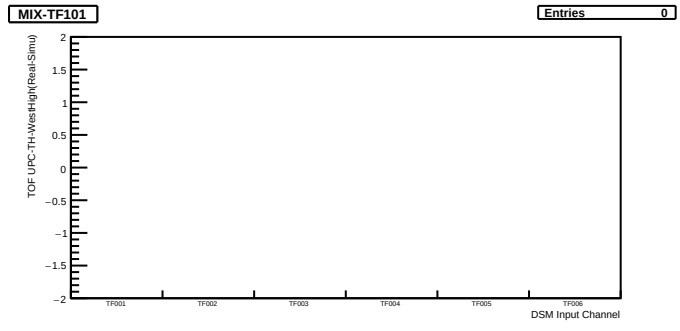

MIX-TF101
Entries 2.964461e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

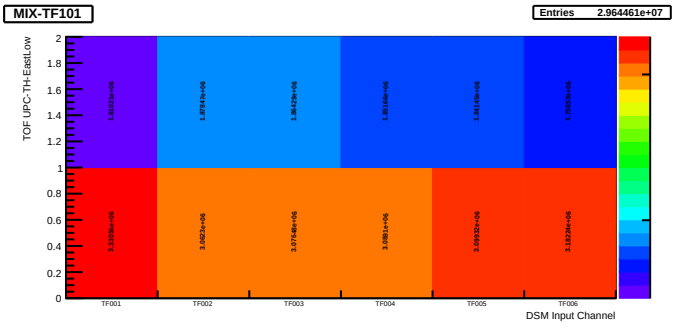

MIX-TF101
Entries 7296336
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

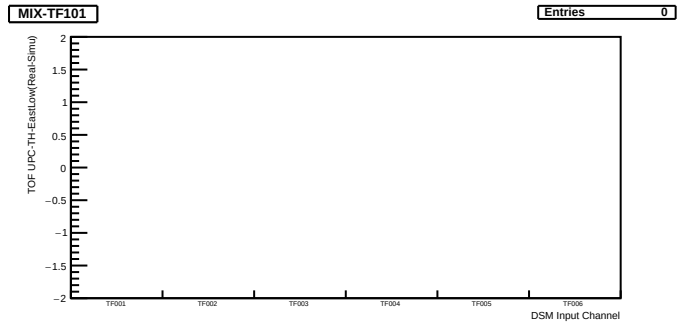

MIX-TF101
Entries 2.964461e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

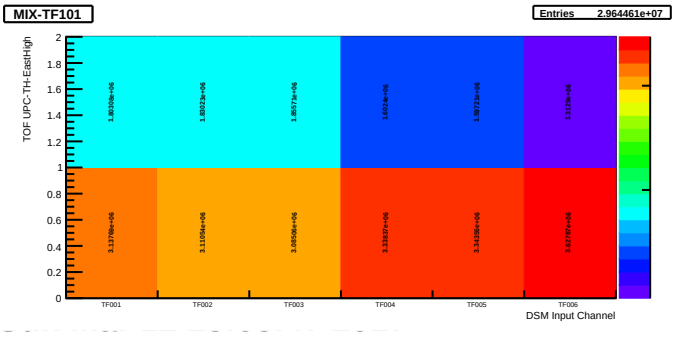

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

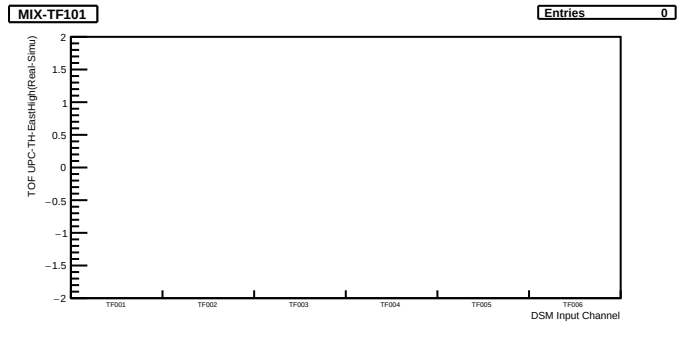

MIX-TF101
Entries 2.964461e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

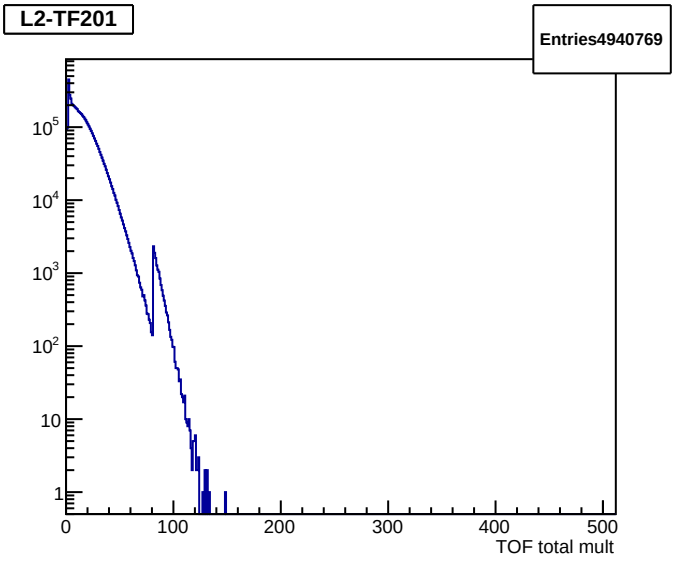

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

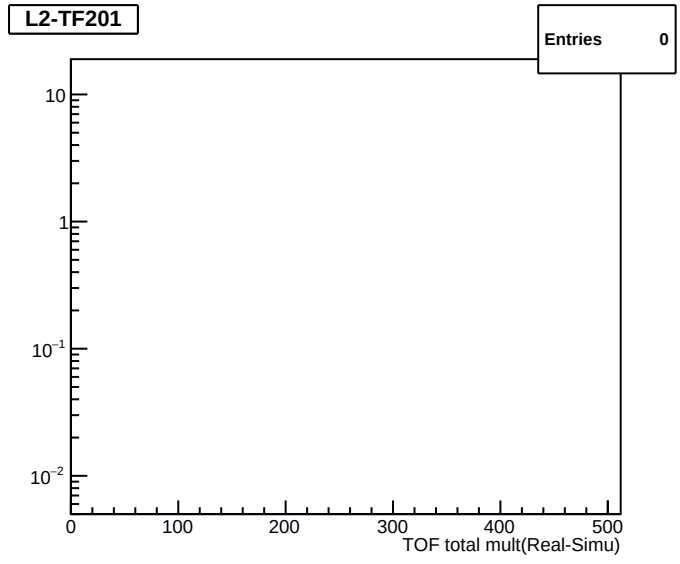

MIX-TF101
Entries 2.964461e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

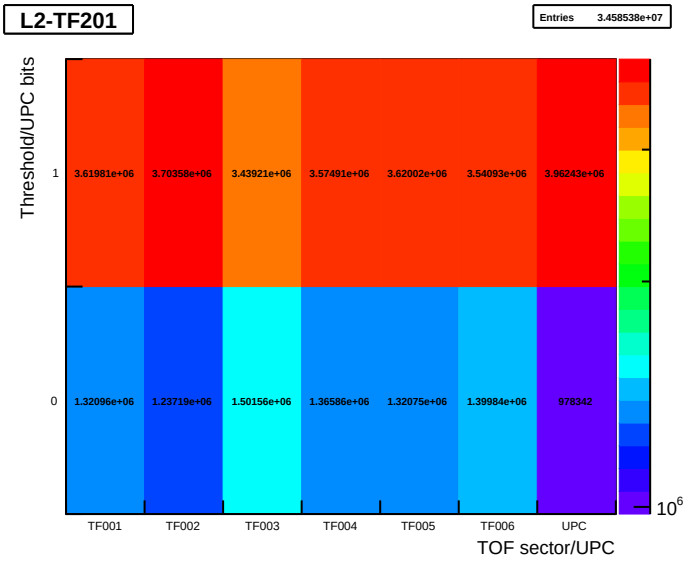

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

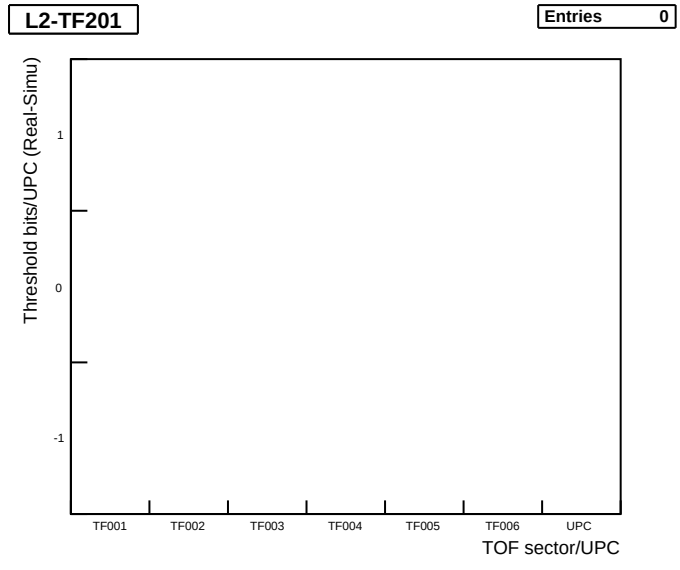

MIX-TF101
Entries 2.964461e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

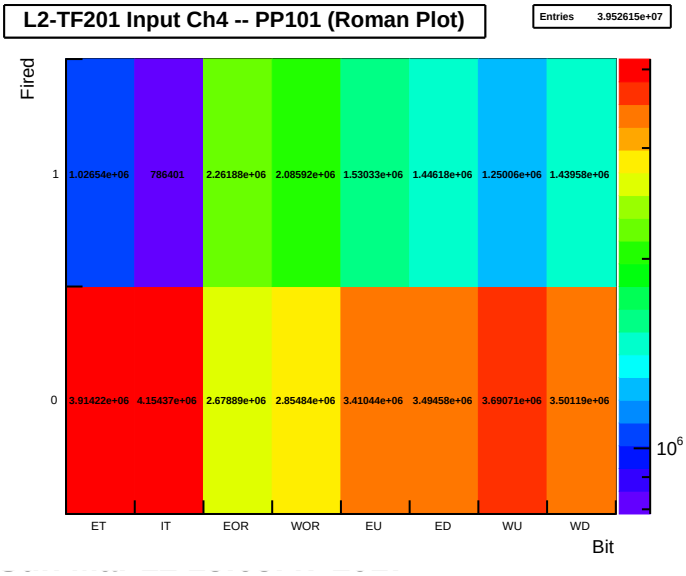

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

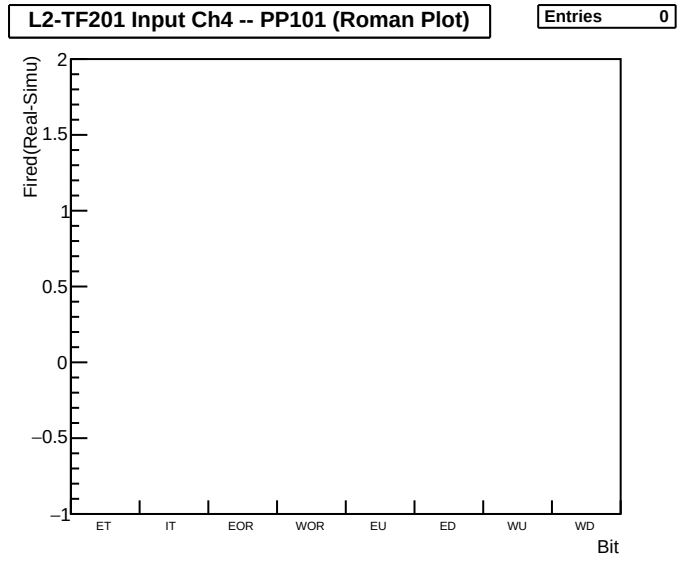

L2-TF201
Entries4940769
TOF total mult

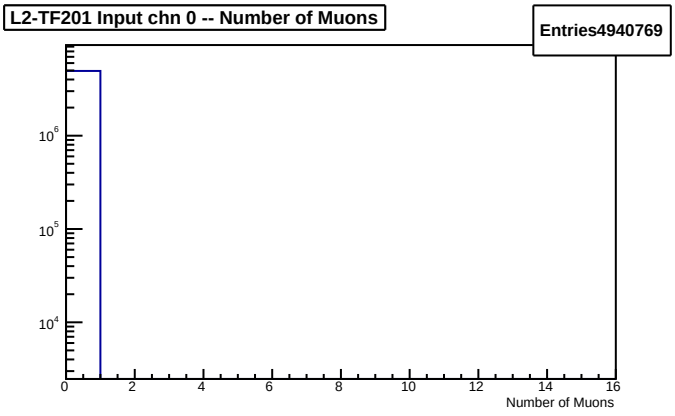

L2-TF201
Entries 0
TOF total mult(Real-Simu)

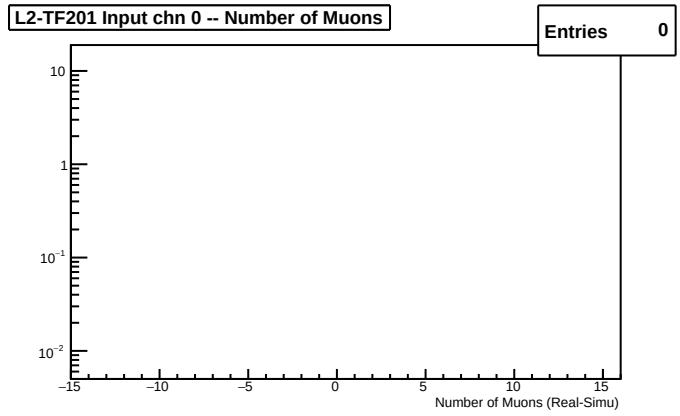

L2-TF201
Entries 3.458538e+07
Threshold/UPC bits
3.61981e+06
3.70358e+06
3.43921e+06
3.57491e+06
3.62002e+06
3.54093e+06
3.96243e+06
1.32096e+06
1.23719e+06
1.50156e+06
1.36586e+06
1.32075e+06
1.39984e+06
978342
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

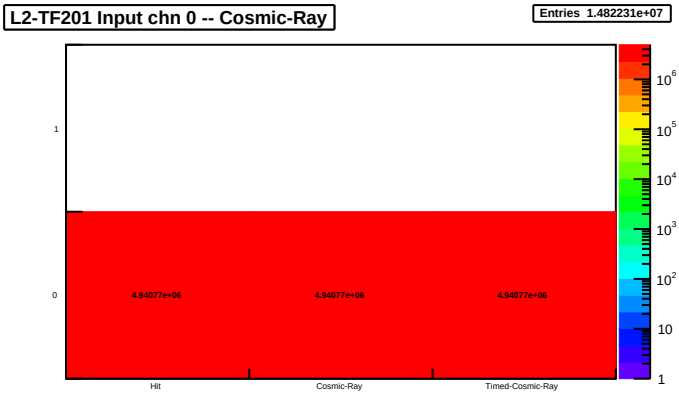

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

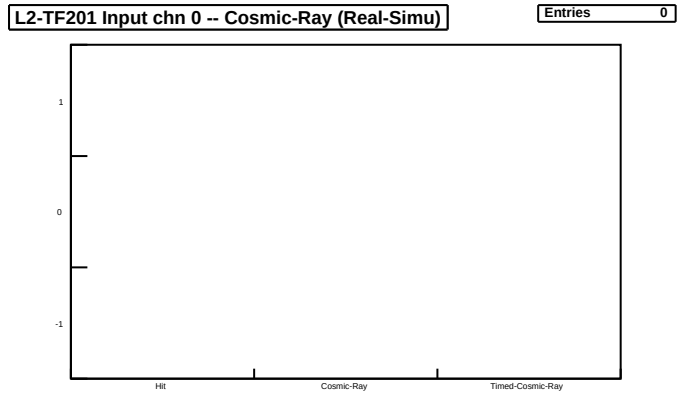

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.952615e+07
Fired
1.02654e+06
786401
2.26188e+06
2.08592e+06
1.53033e+06
1.44618e+06
1.25006e+06
1.43958e+06
3.91422e+06
4.15437e+06
2.67889e+06
2.85484e+06
3.41044e+06
3.49458e+06
3.69071e+06
3.50119e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

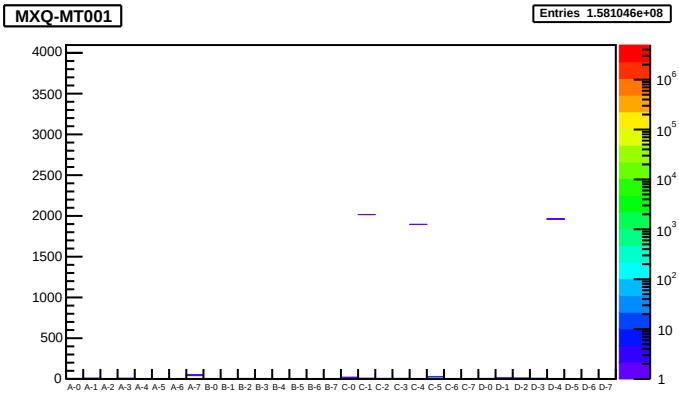

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

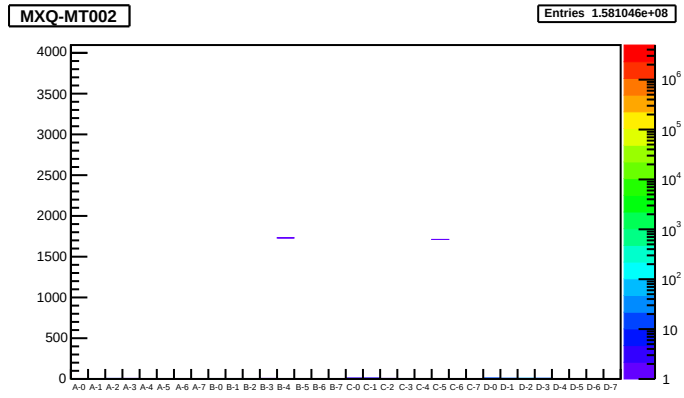

L2-TF201 Input chn 0 -- Number of Muons
Entries4940769
Number of Muons

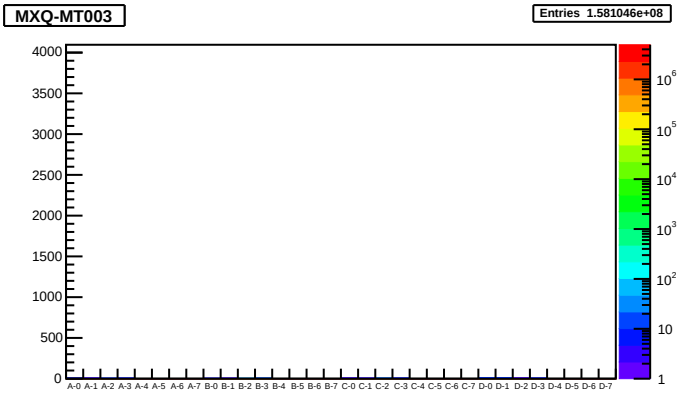

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

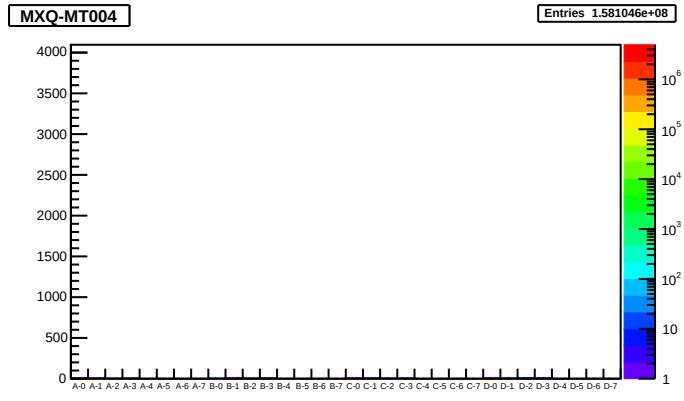

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.482231e+07
4.94077e+06
4.94077e+06
4.94077e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

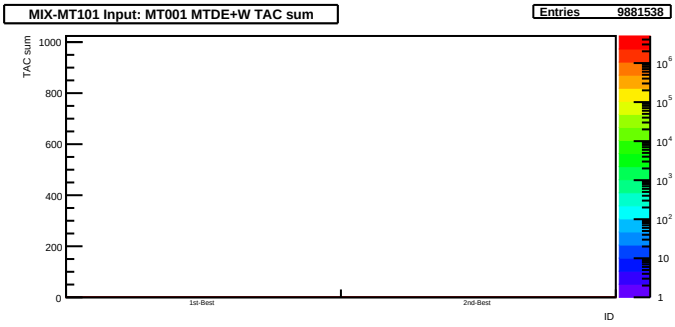

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

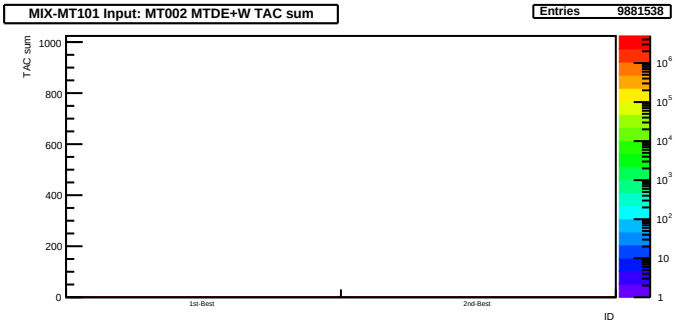

MXQ-MT001
Entries 1.581046e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

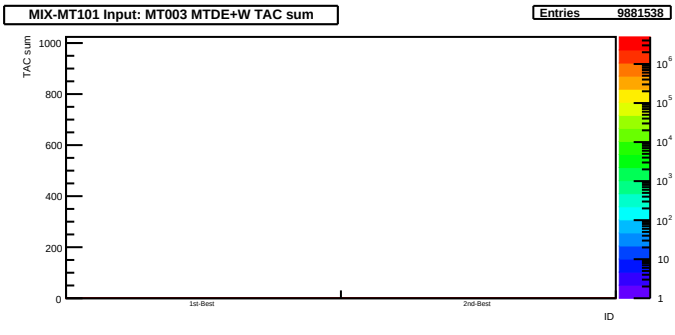

MXQ-MT002
Entries 1.581046e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

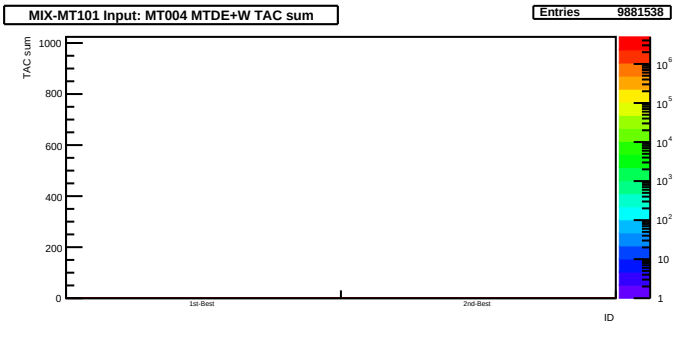

MXQ-MT003
Entries 1.581046e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

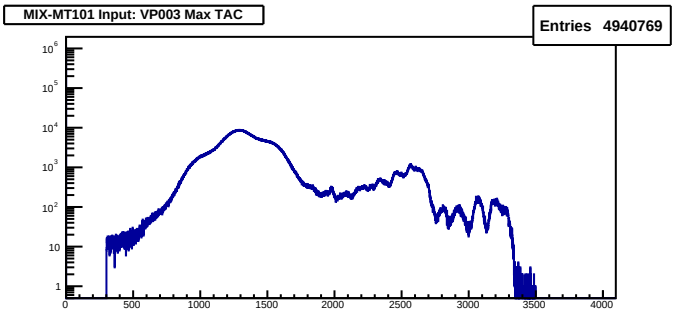

MXQ-MT004
Entries 1.581046e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

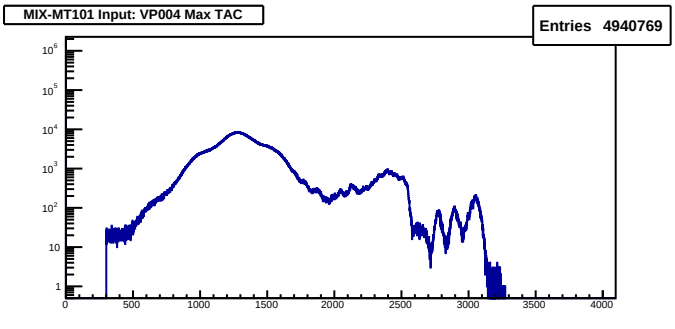

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9881538
TAC sum
1st-Best
2nd-Best
ID

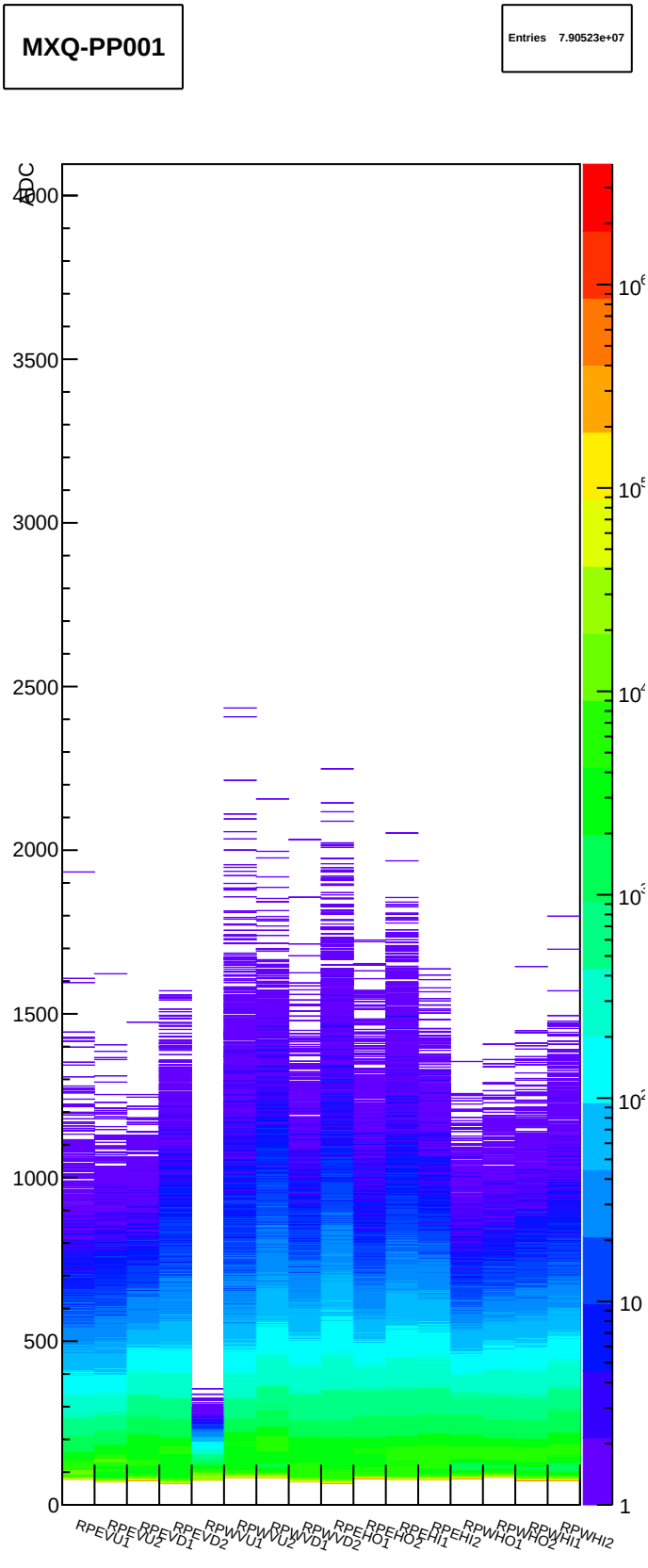

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9881538
TAC sum
1st-Best
2nd-Best
ID

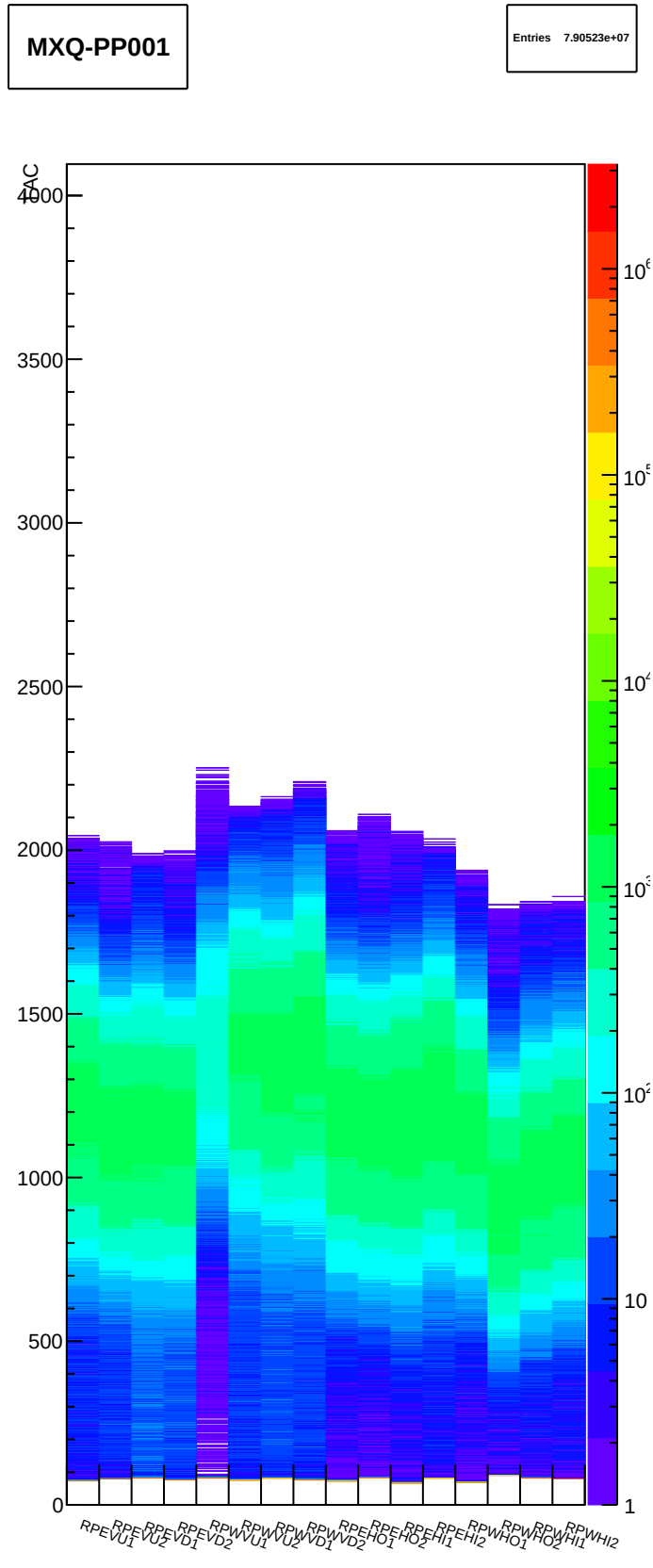

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9881538
TAC sum
1st-Best
2nd-Best
ID

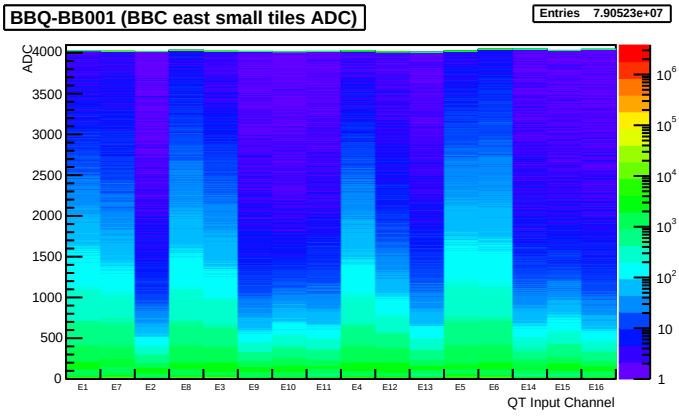

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9881538
TAC sum
1st-Best
2nd-Best
ID

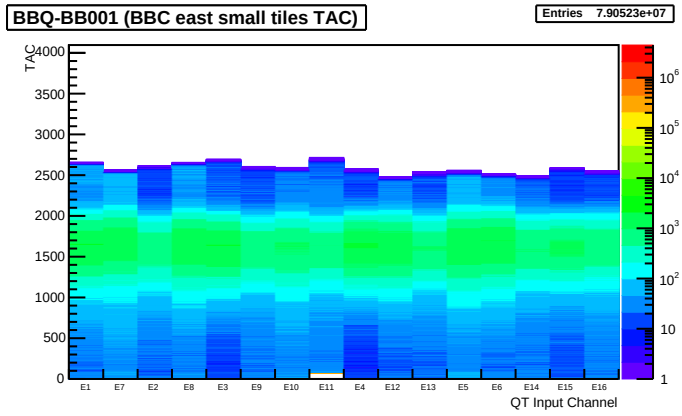

MIX-MT101 Input: VP003 Max TAC
Entries 4940769

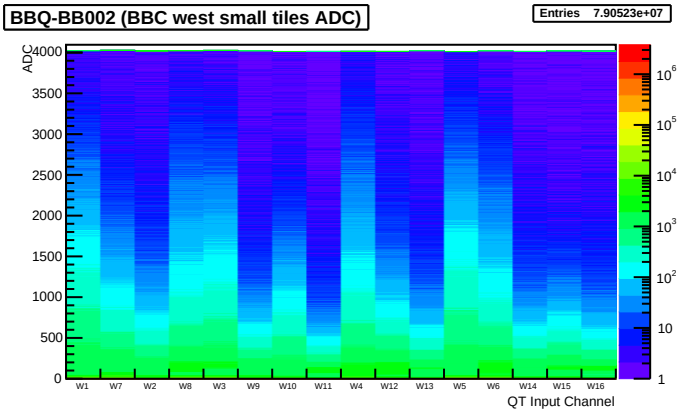

MIX-MT101 Input: VP004 Max TAC
Entries 4940769

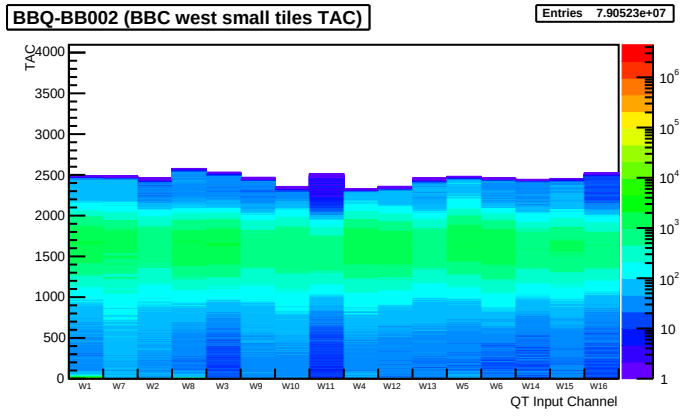

MXQ-PP001
Entries 7.90523e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

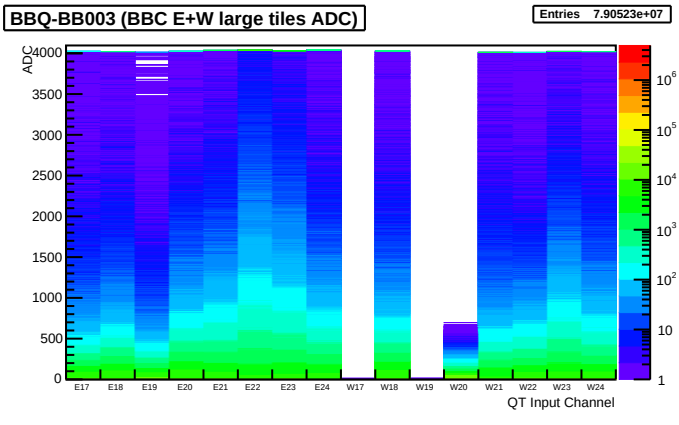

MXQ-PP001
Entries 7.90523e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

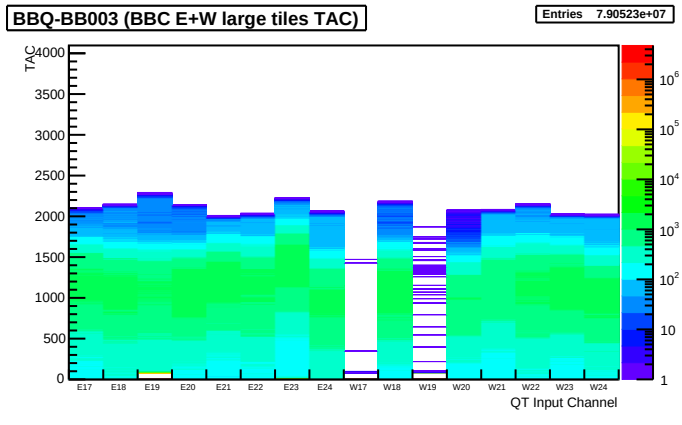

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.90523e+07
ADC
QT Input Channel

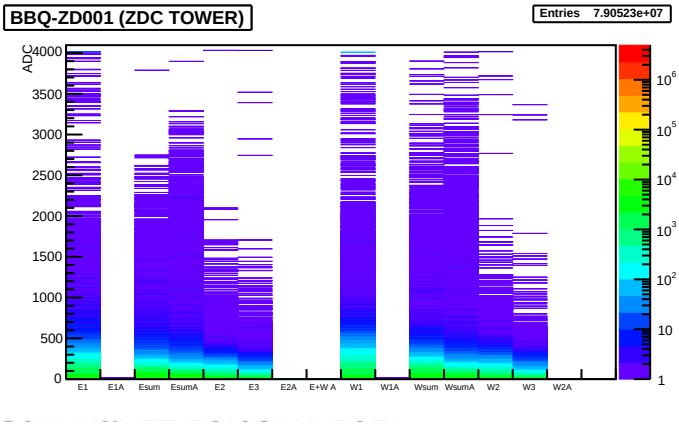

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.90523e+07
TAC
QT Input Channel

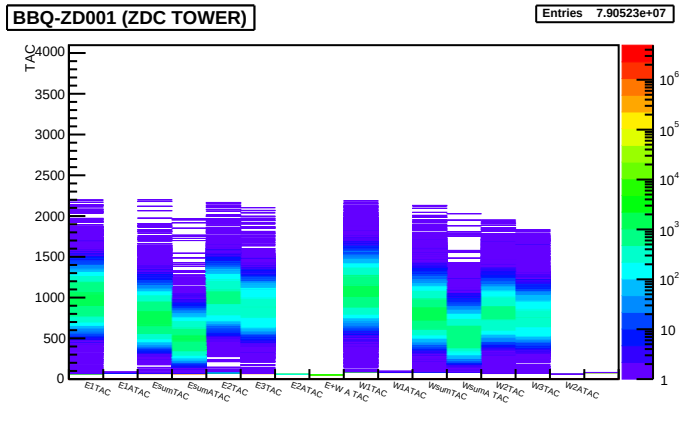

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.90523e+07
ADC
QT Input Channel

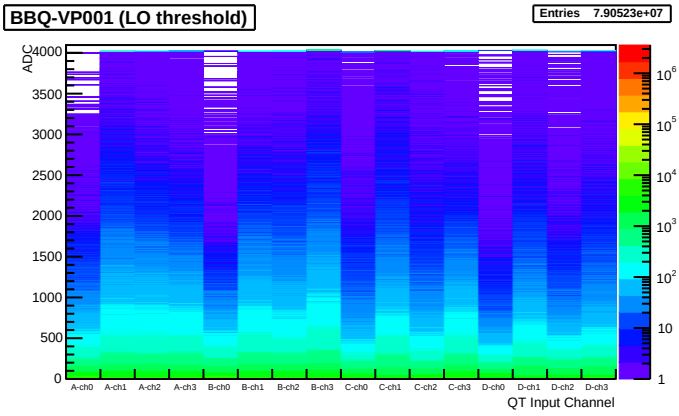

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.90523e+07
TAC
QT Input Channel

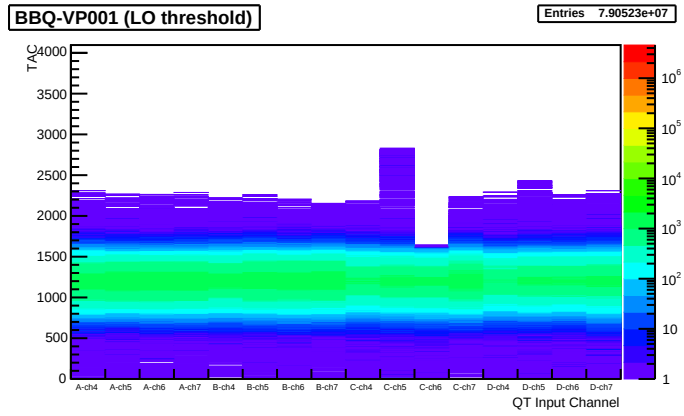

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.90523e+07
ADC
QT Input Channel

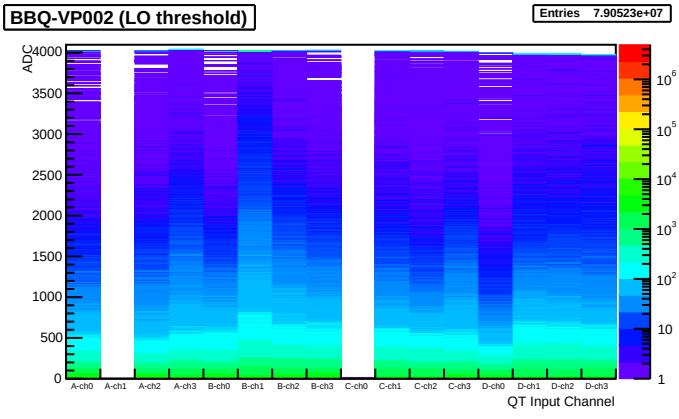

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.90523e+07
TAC
QT Input Channel

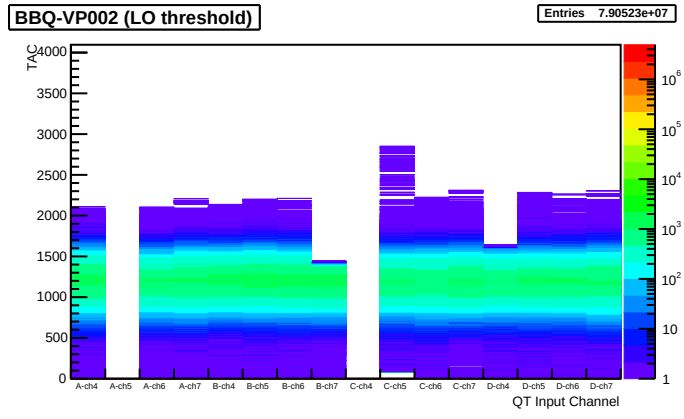

BBQ-ZD001 (ZDC TOWER)
Entries 7.90523e+07
ADC

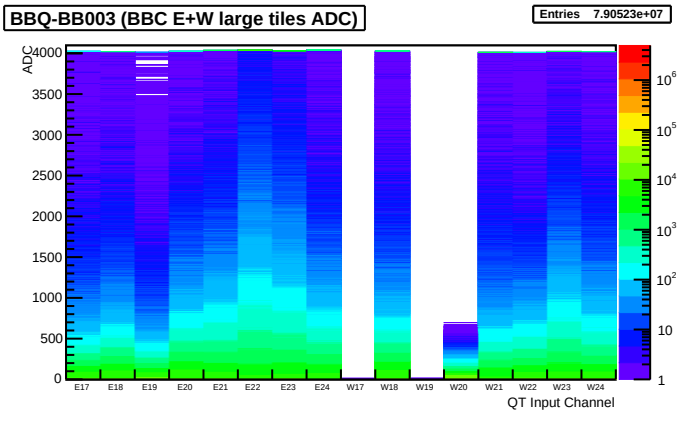

BBQ-ZD001 (ZDC TOWER)
Entries 7.90523e+07
TAC

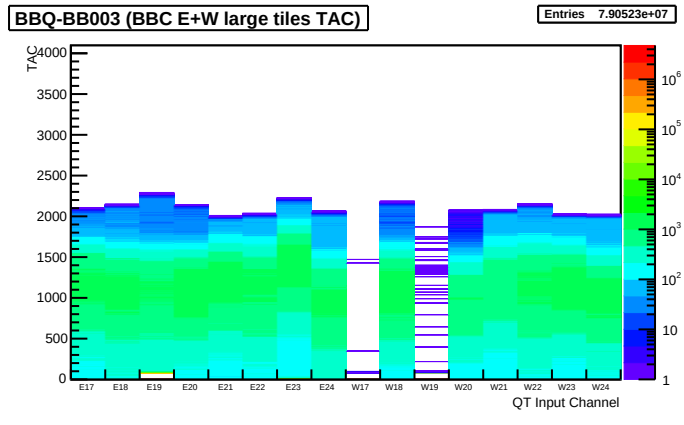

BBQ-VP001 (LO threshold)
Entries 7.90523e+07
ADC
QT Input Channel

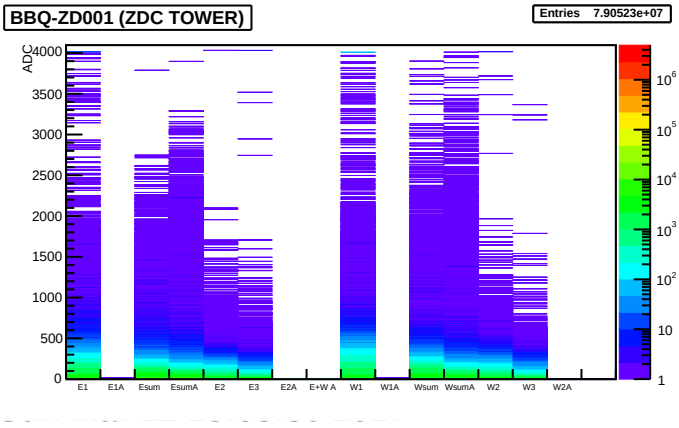

BBQ-VP001 (LO threshold)
Entries 7.90523e+07
TAC
QT Input Channel

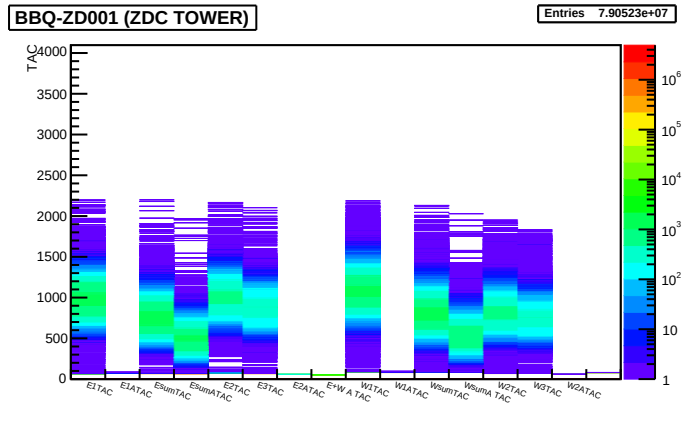

BBQ-VP002 (LO threshold)
Entries 7.90523e+07
ADC
QT Input Channel

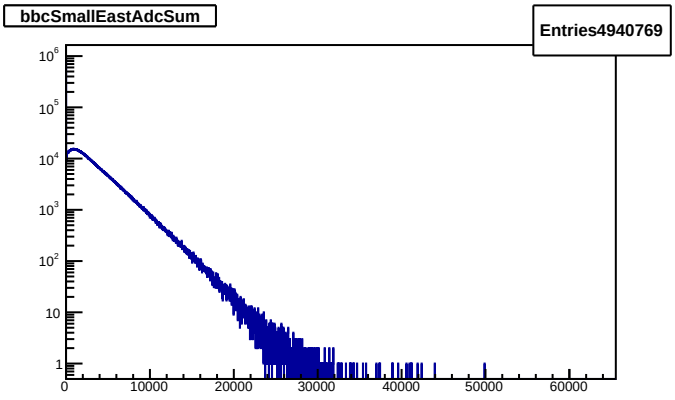

BBQ-VP002 (LO threshold)
Entries 7.90523e+07
TAC
QT Input Channel

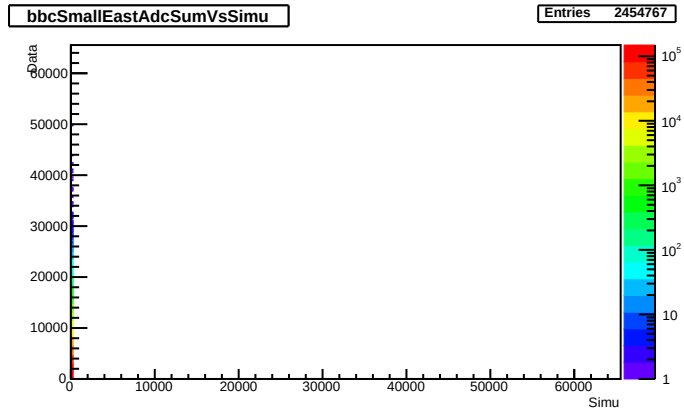

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.90523e+07
ADC
QT Input Channel

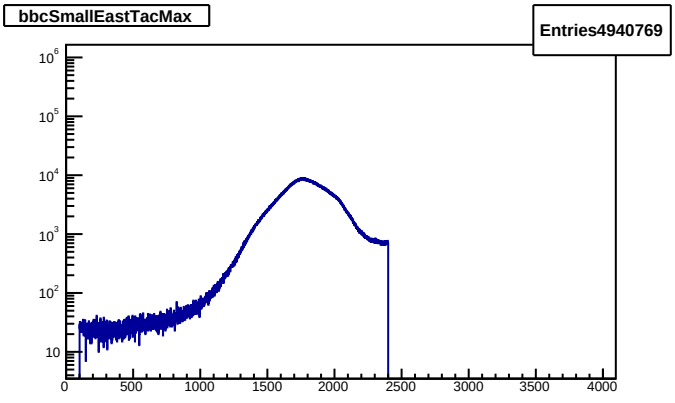

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.90523e+07
TAC
QT Input Channel

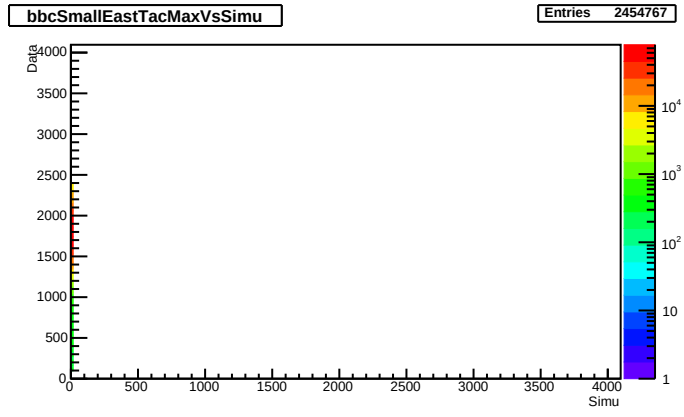

BBQ-ZD001 (ZDC TOWER)
Entries 7.90523e+07
ADC

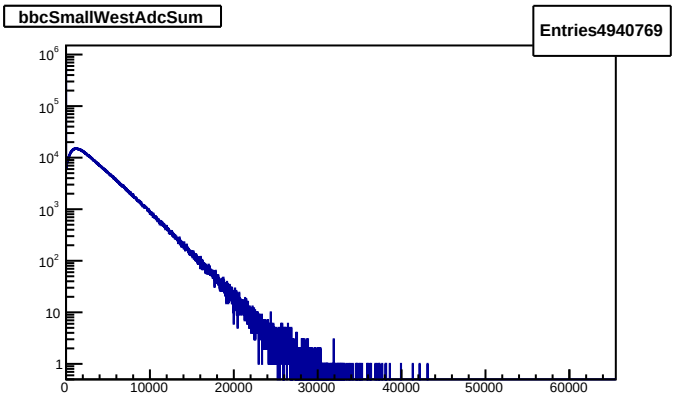

BBQ-ZD001 (ZDC TOWER)
Entries 7.90523e+07
TAC

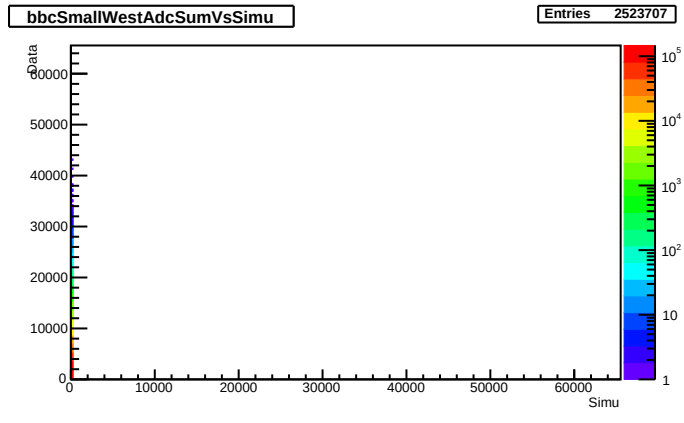

bbcSmallEastAdcSum
Entries4940769

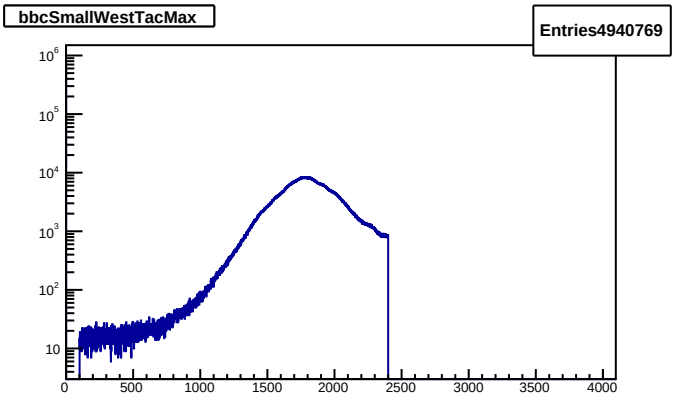

bbcSmallEastAdcSumVsSimu
Entries 2454767
Data
Simu

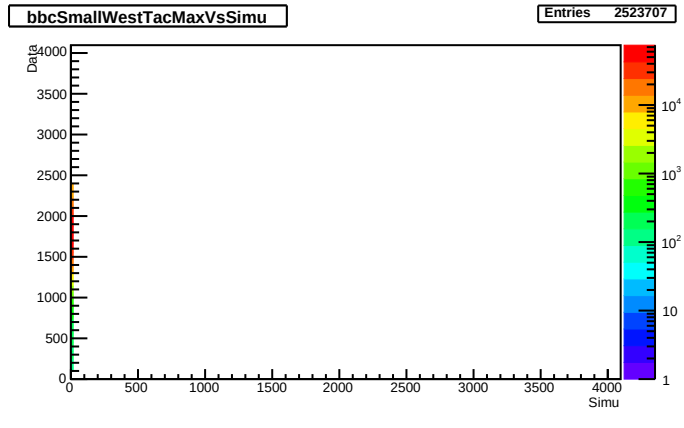

bbcSmallEastTacMax
Entries4940769

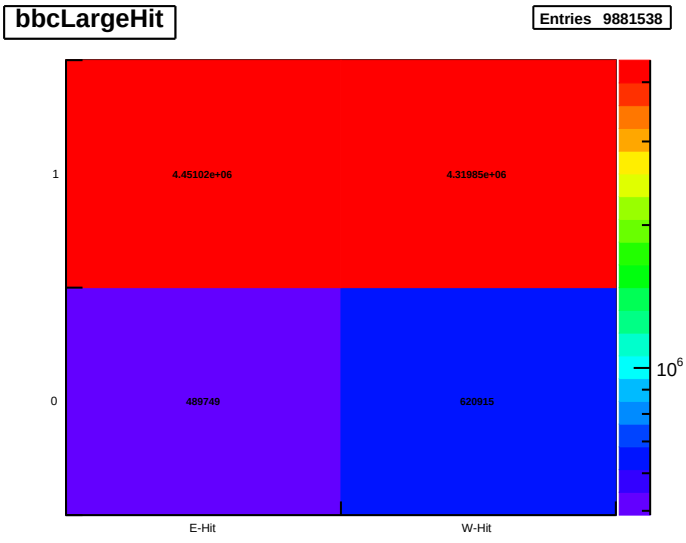

bbcSmallEastTacMaxVsSimu
Entries 2454767
Data
Simu

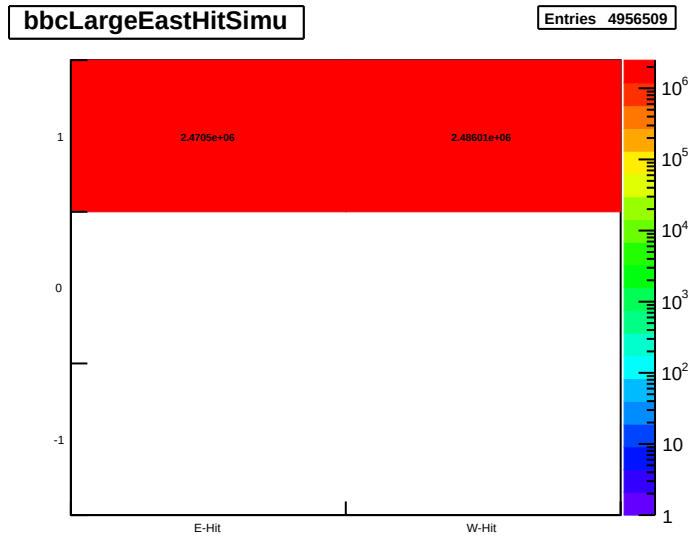

bbcSmallWestAdcSum
Entries4940769

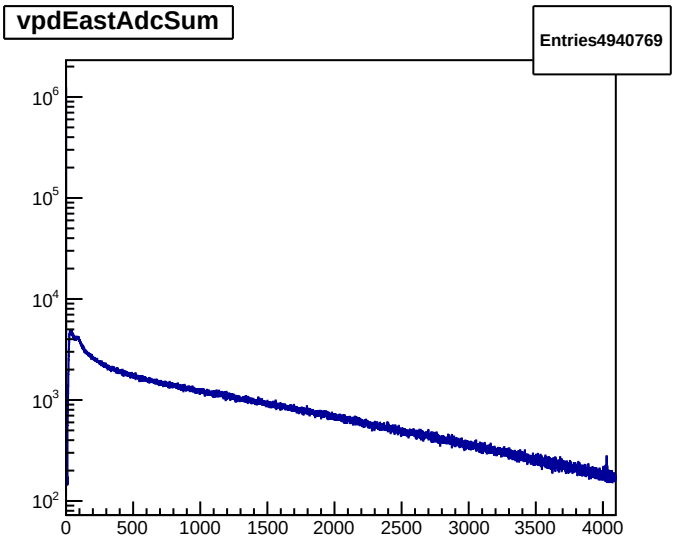

bbcSmallWestAdcSumVsSimu
Entries 2523707
Data
Simu

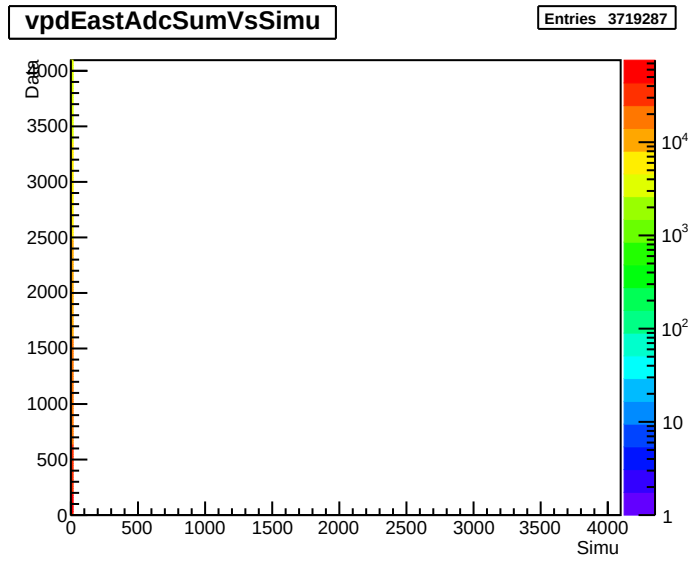

bbcSmallWestTacMax
Entries4940769

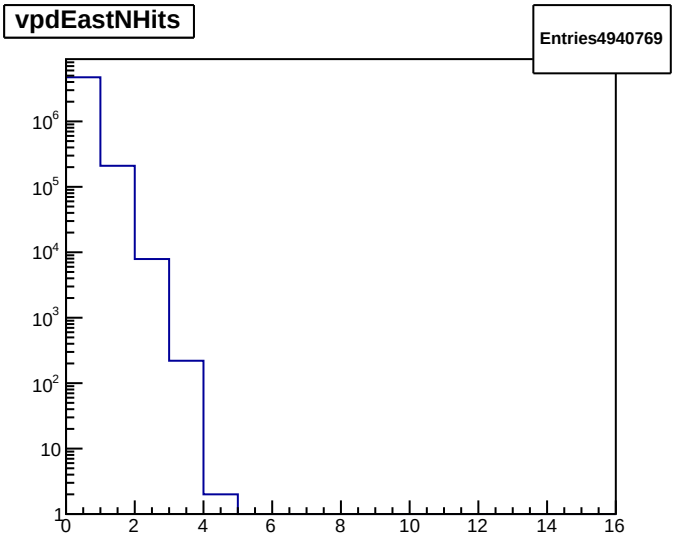

bbcSmallWestTacMaxVsSimu
Entries 2523707
Data
Simu

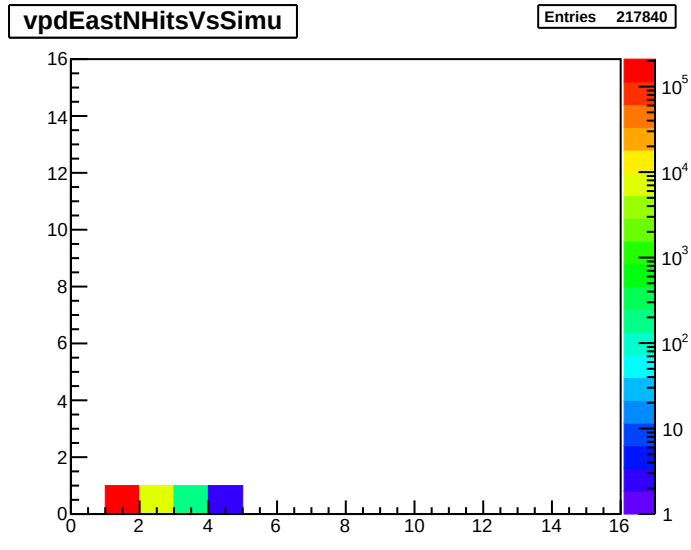

bbcLargeHit
Entries 9881538
4.45102e+06
4.31985e+06
489749
620915
1
0
E-Hit
W-Hit
10^6

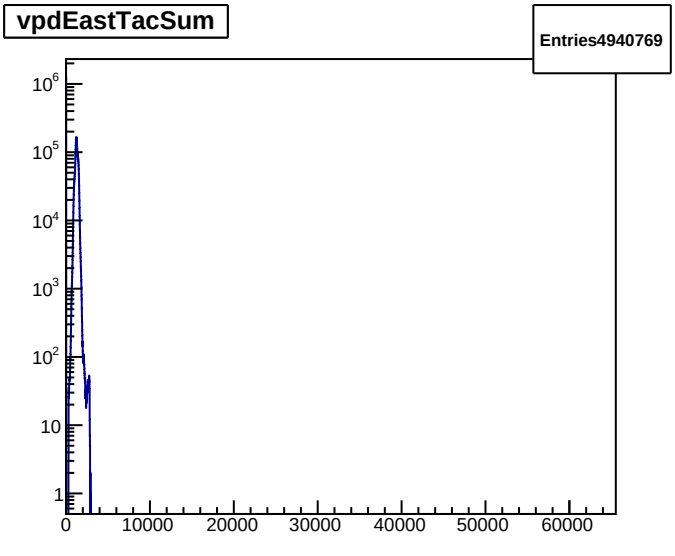

bbcLargeEastHitSimu
Entries 4956509
2.4705e+06
2.48601e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

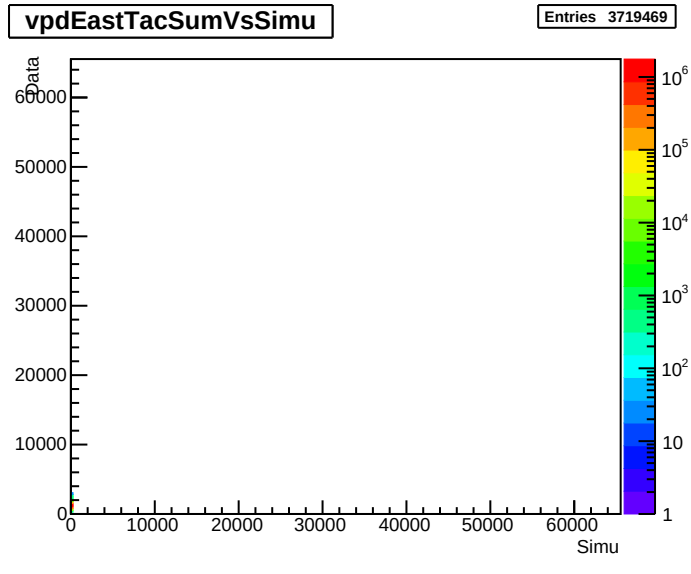

vpdEastAdcSum
Entries4940769

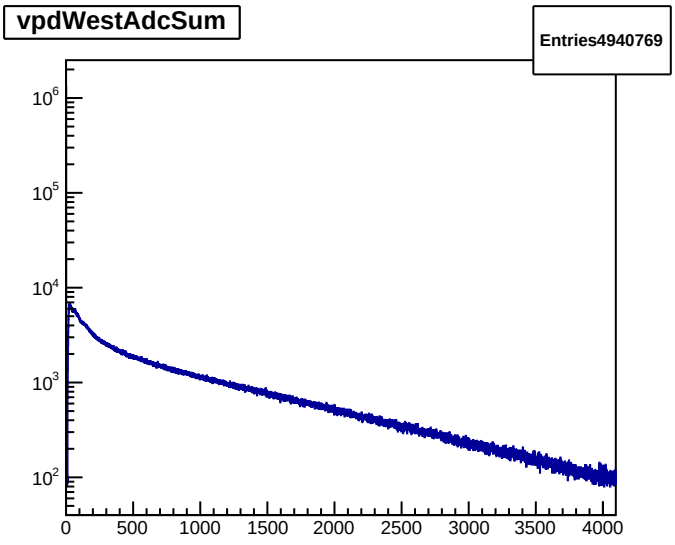

vpdEastAdcSumVsSimu
Entries 3719287
Data
Simu

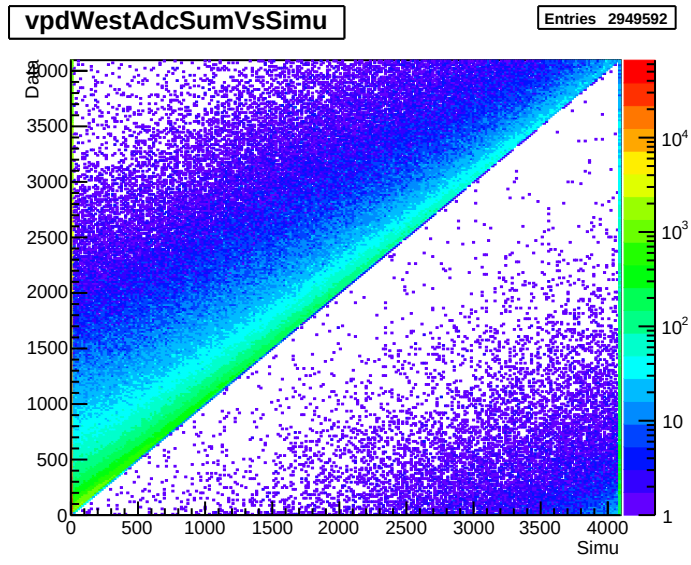

vpdEastNHits
Entries4940769

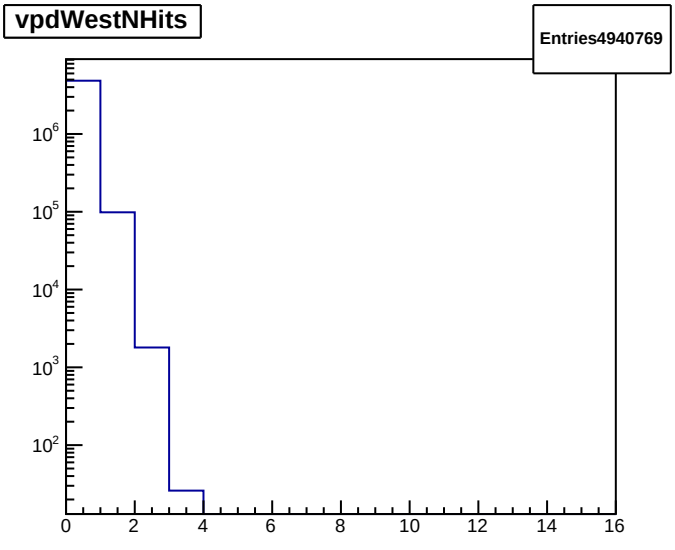

vpdEastNHitsVsSimu
Entries 217840

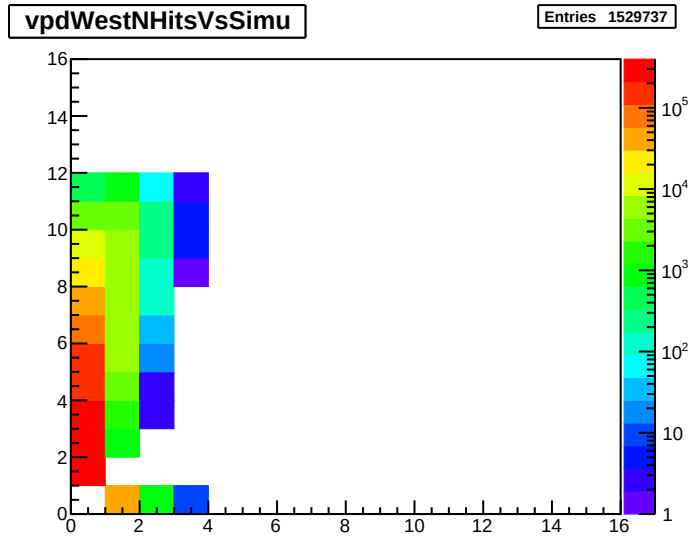

vpdEastTacSum
Entries4940769

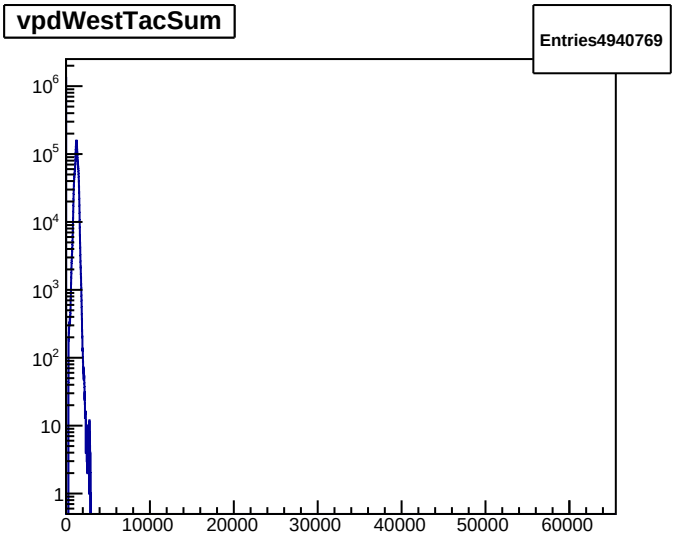

vpdEastTacSumVsSimu
Entries 3719469
Data
Simu

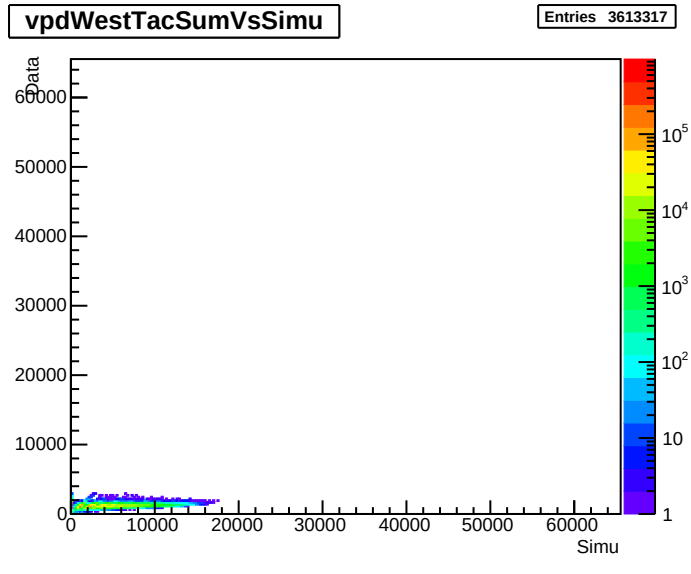

vpdWestAdcSum
Entries4940769

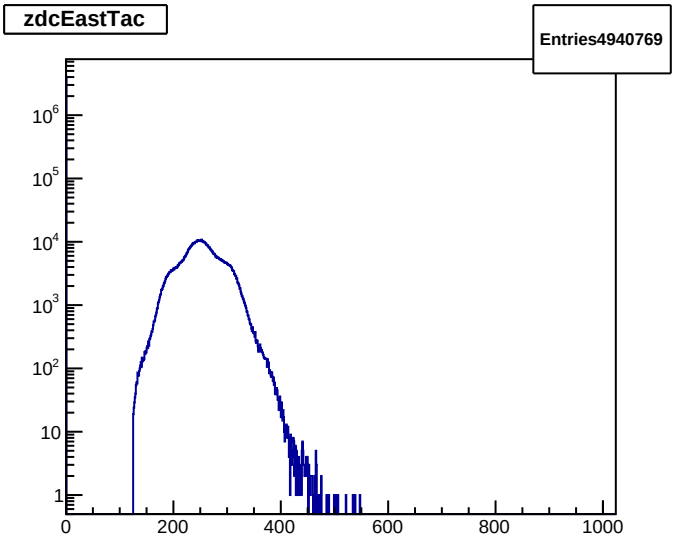

vpdWestAdcSumVsSimu
Entries 2949592
Data
Simu

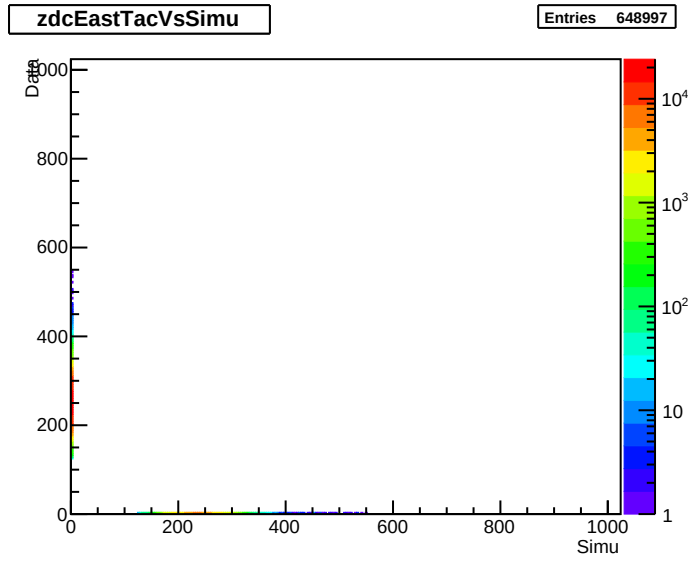

vpdWestNHits
Entries4940769

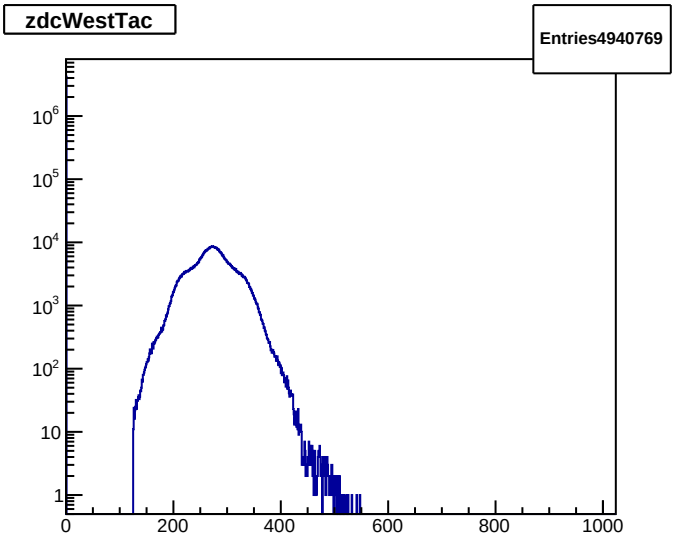

vpdWestNHitsVsSimu
Entries 1529737

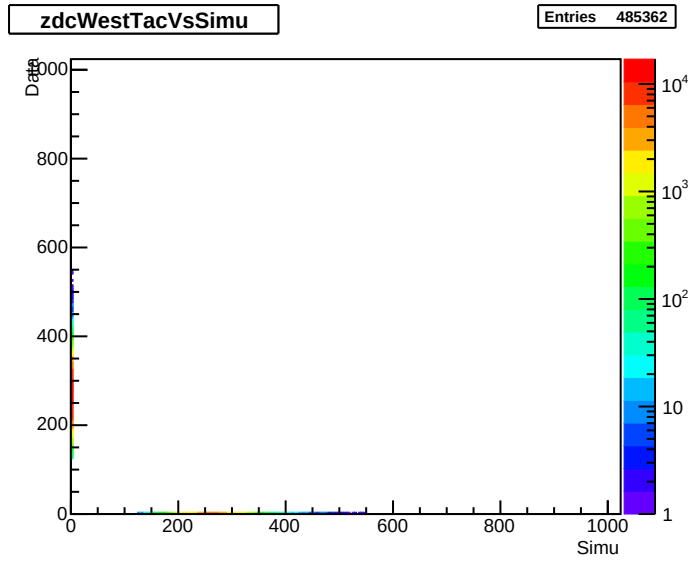

vpdWestTacSum
Entries4940769

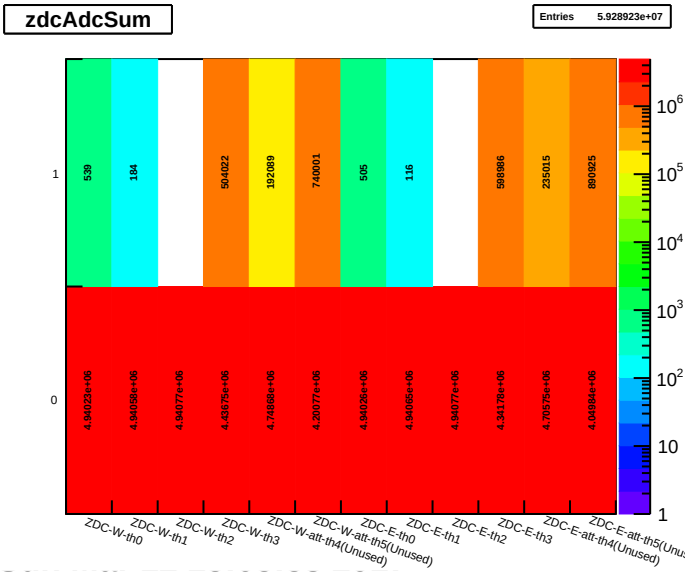

vpdWestTacSumVsSimu
Entries 3613317
Data
Simu

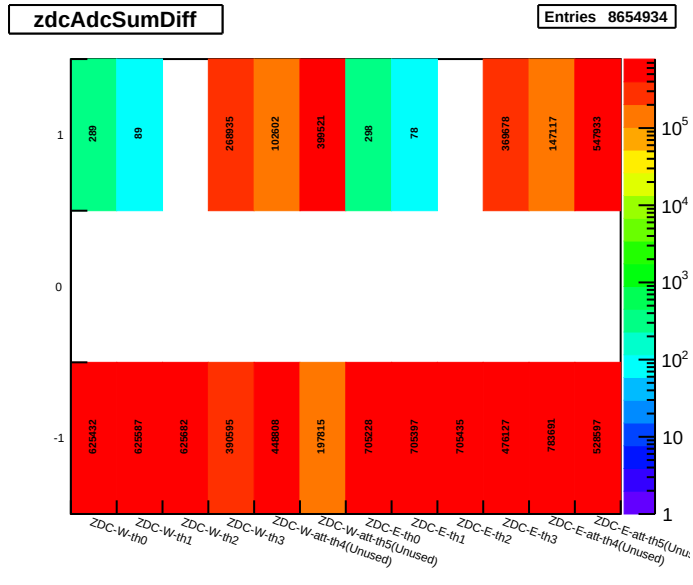

zdcEastTac
Entries4940769

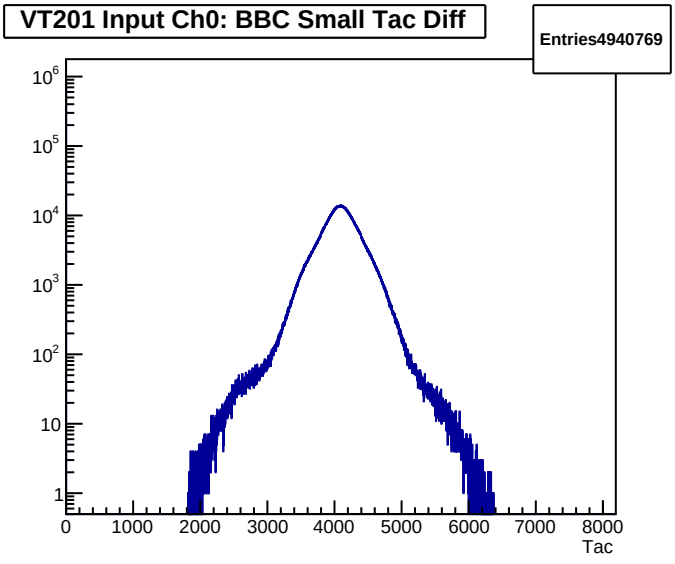

zdcEastTacVsSimu
Entries 648997
Data
Simu

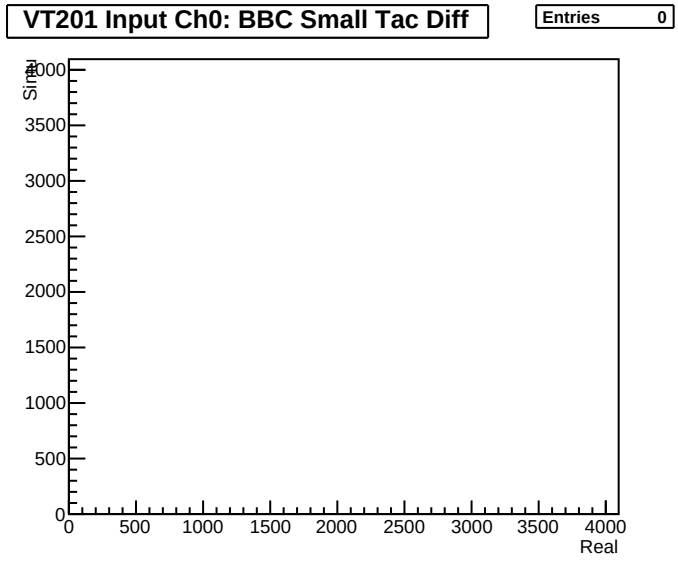

zdcWestTac
Entries4940769

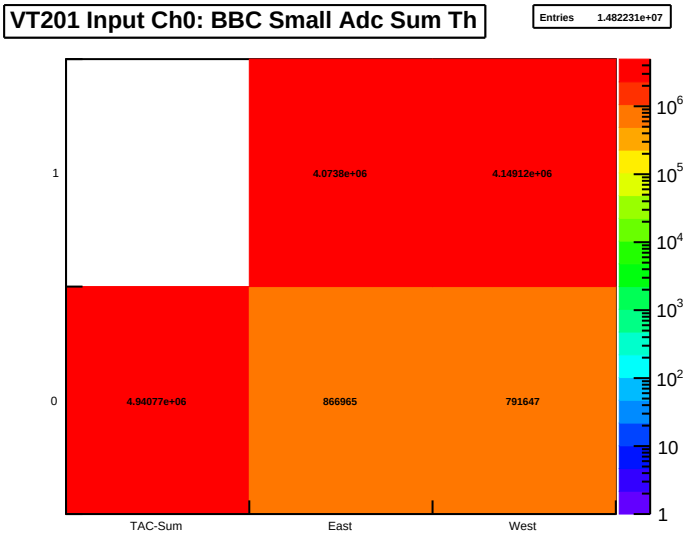

zdcWestTacVsSimu
Entries 485362
Data
Simu

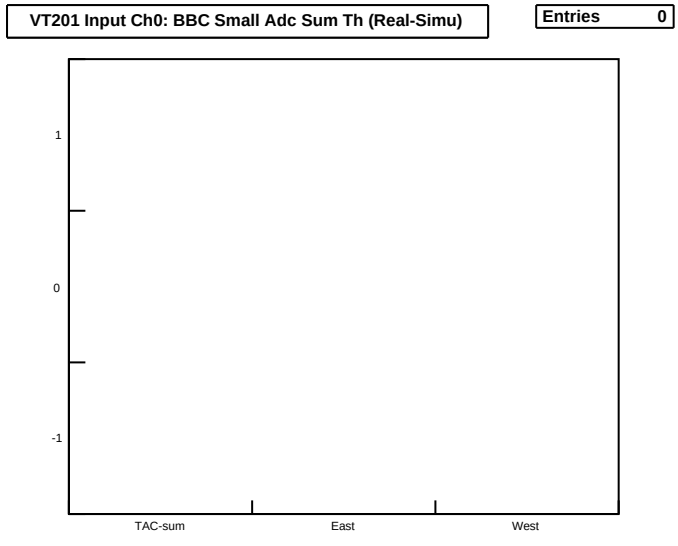

zdcAdcSum
Entries 5.928923e+07
539
184
504022
192089
740001
505
116
598986
235015
890925
4.94023e+06
4.94058e+06
4.94077e+06
4.43675e+06
4.74868e+06
4.20077e+06
4.94028e+06
4.94065e+06
4.94077e+06
4.34178e+06
4.70575e+06
4.04984e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

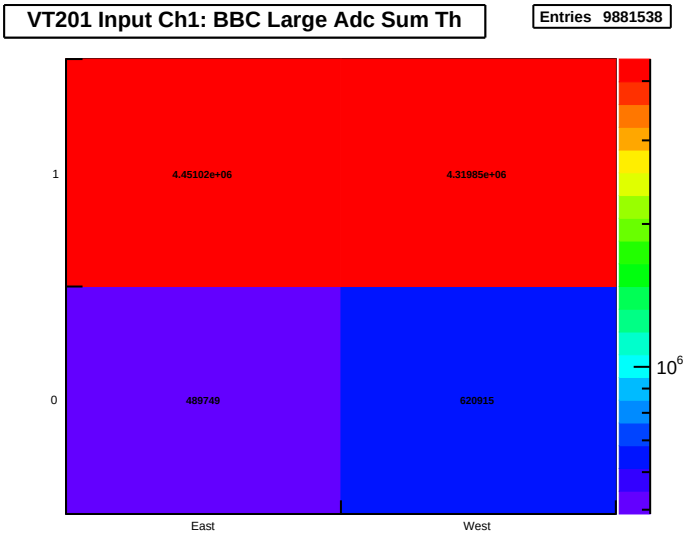

zdcAdcSumDiff
Entries 8654934
299
89
268935
102602
309521
298
78
369878
147117
547933
625432
625587
625682
390595
448808
197815
705228
705397
705435
476127
783691
526597
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

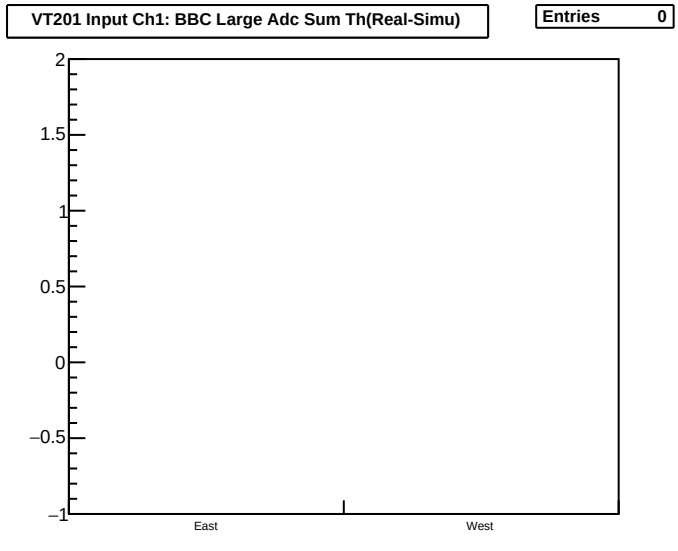

VT201 Input Ch0: BBC Small Tac Diff
Entries4940769
Tac


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

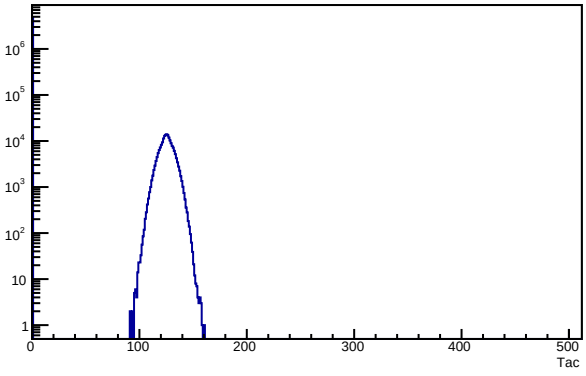

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.482231e+07
4.0738e+06
4.14912e+06
4.94077e+06
866965
791647
TAC-Sum
East
West


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

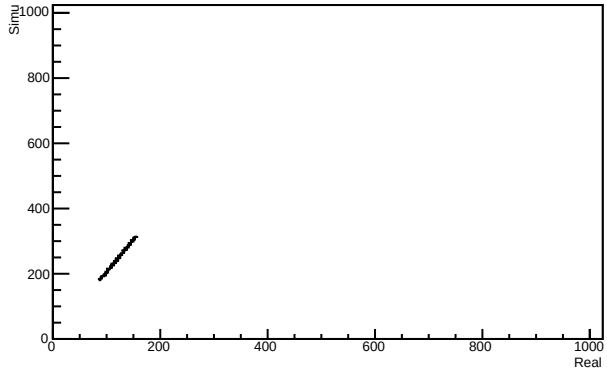

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9881538
4.45102e+06
4.31985e+06
489749
620915
East
West


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

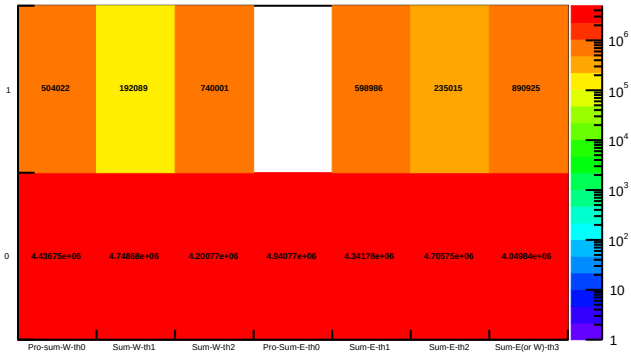
VT201 Input Ch2: ZDC Tac Diff



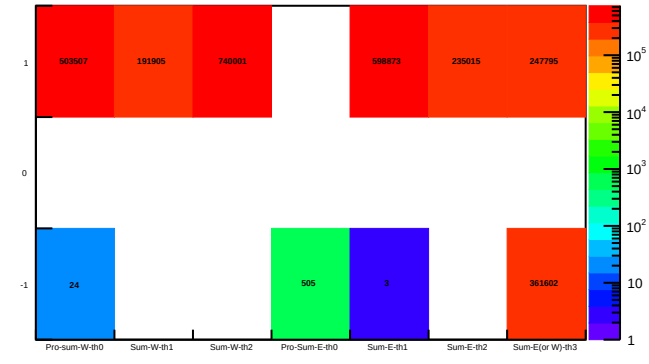
VT201 Input Ch2: ZDC Tac Diff



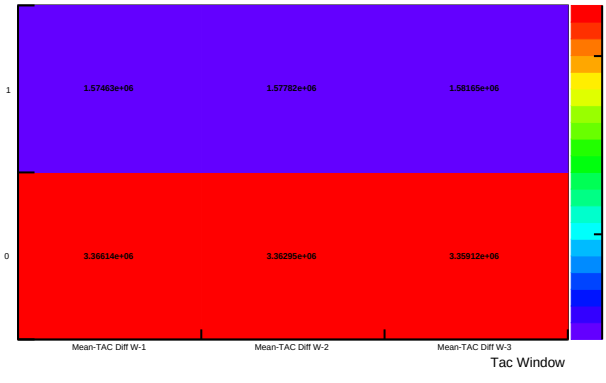
VT201 Input Ch2: ZDC Adc Sum Th



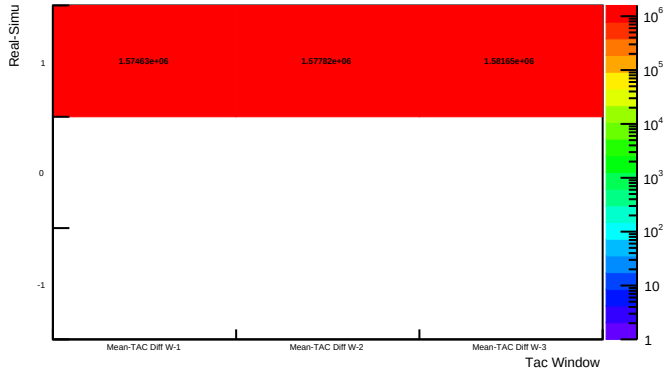
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



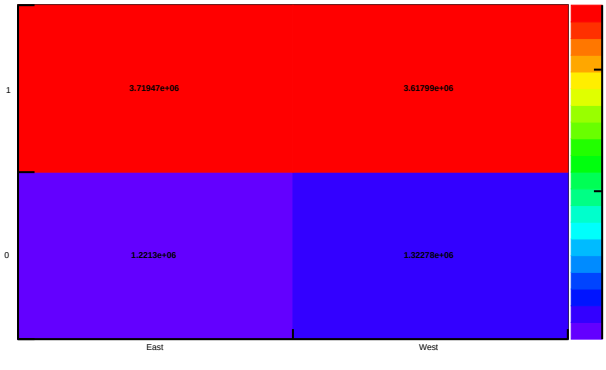
VT201 Input Ch4: VPD Tac Diff



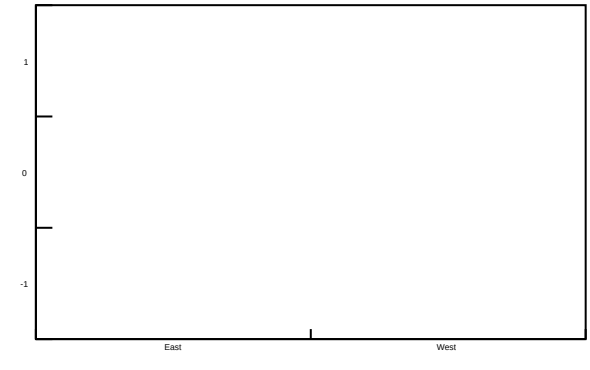
VT201 Input Ch4: VPD Tac Diff

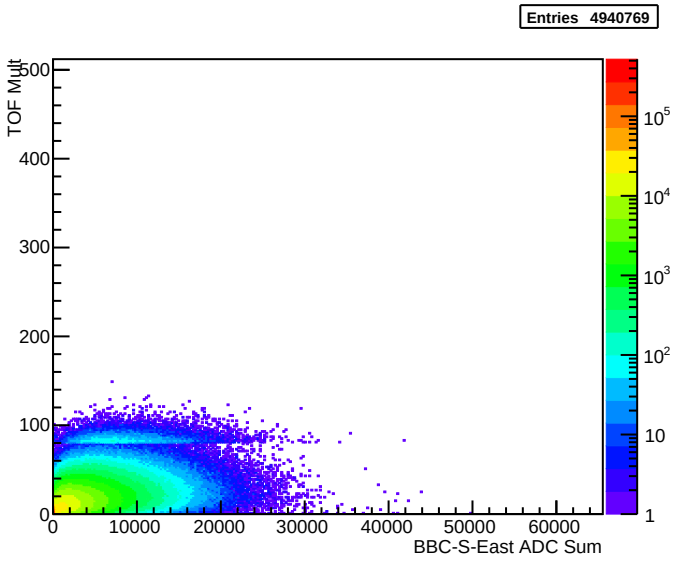


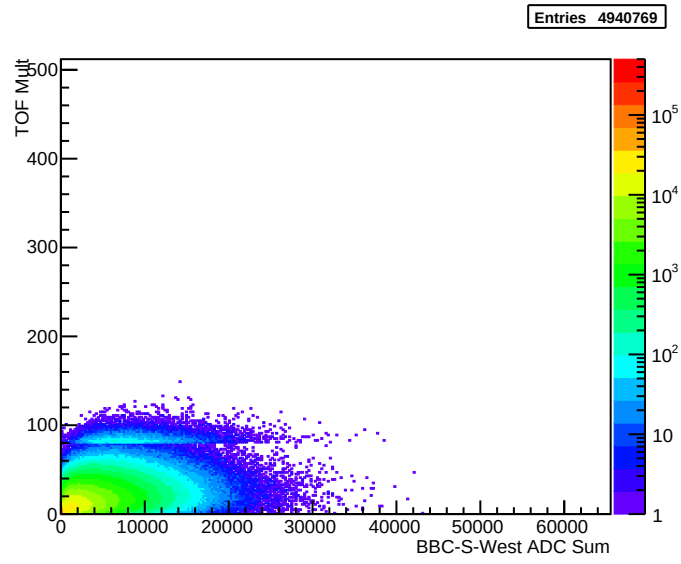
VT201 Input Ch4: VPD Adc Sum Th

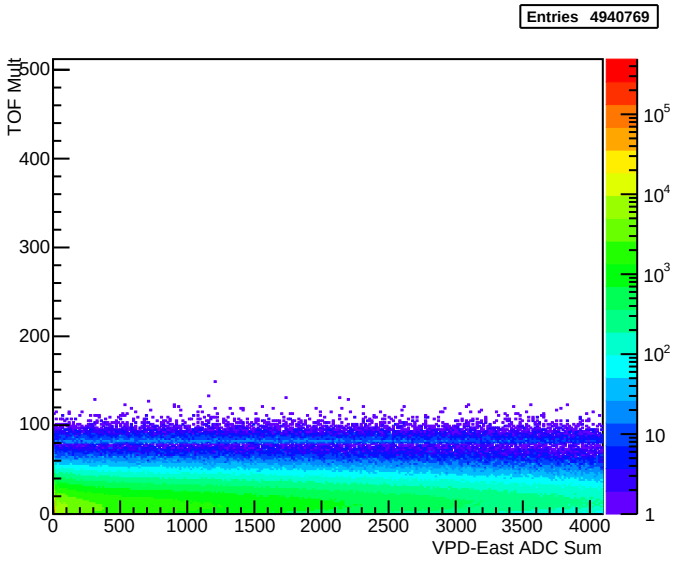


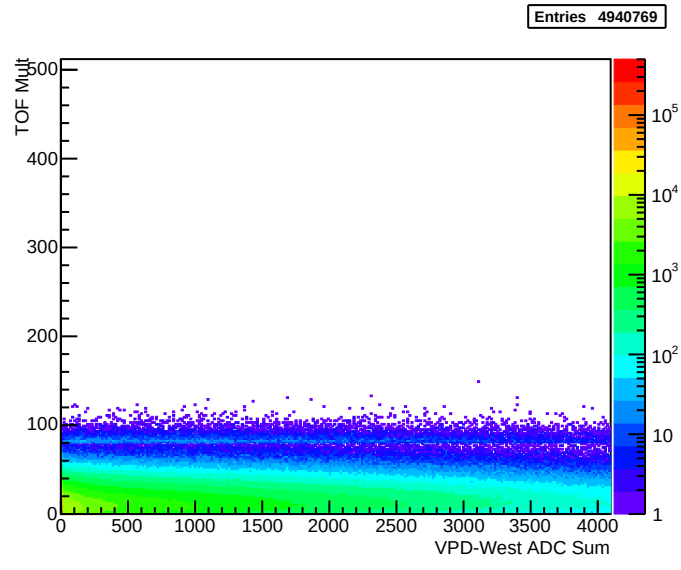
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

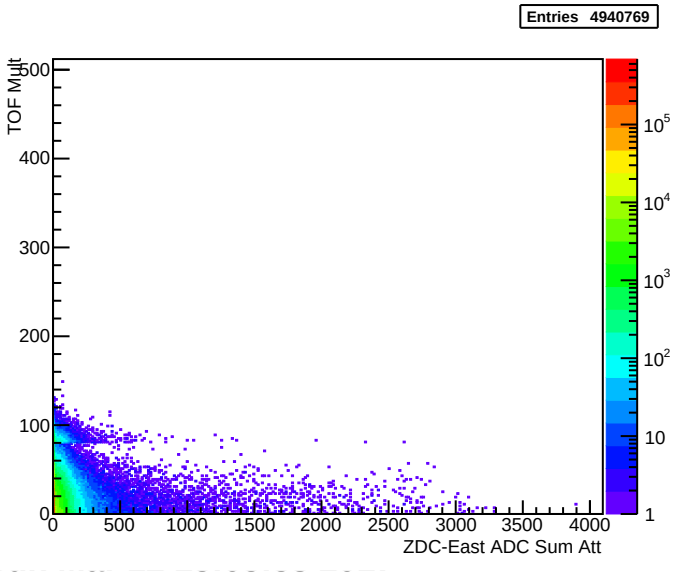


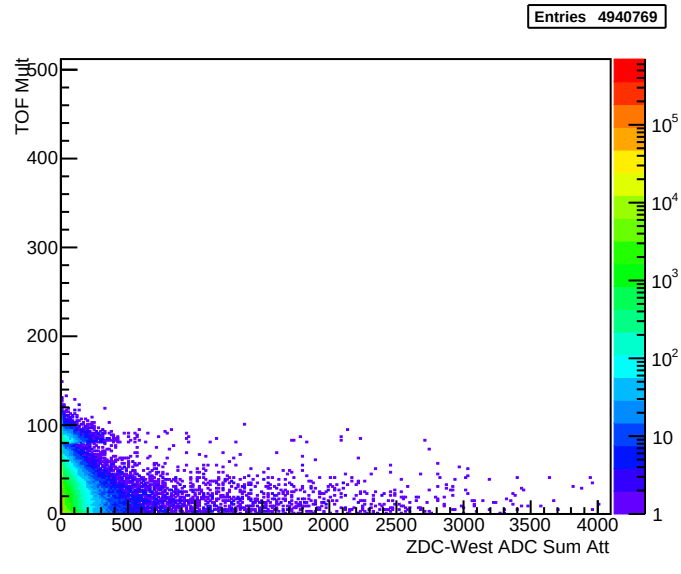

Entries 4940769
TOF Mult
BBC-S-East ADC Sum

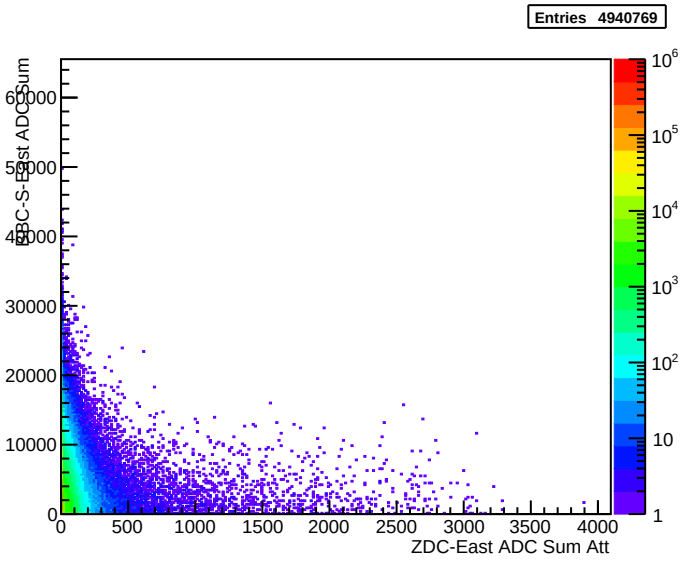

Entries 4940769
TOF Mult
BBC-S-West ADC Sum

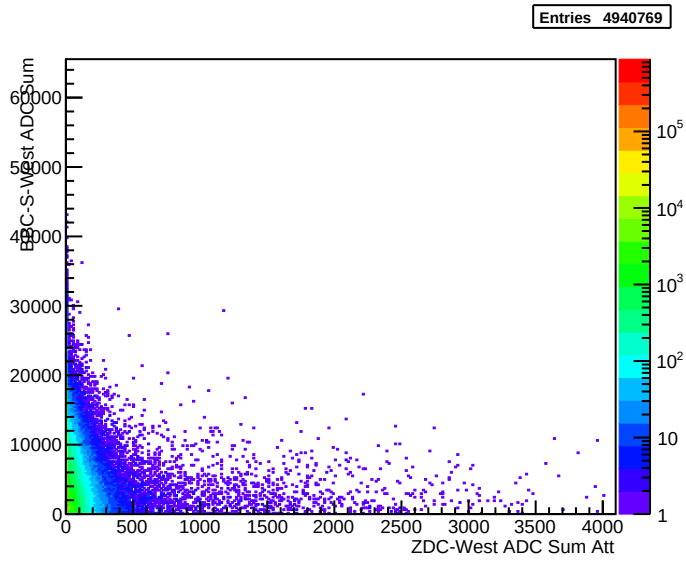

Entries 4940769
TOF Mult
VPD-East ADC Sum

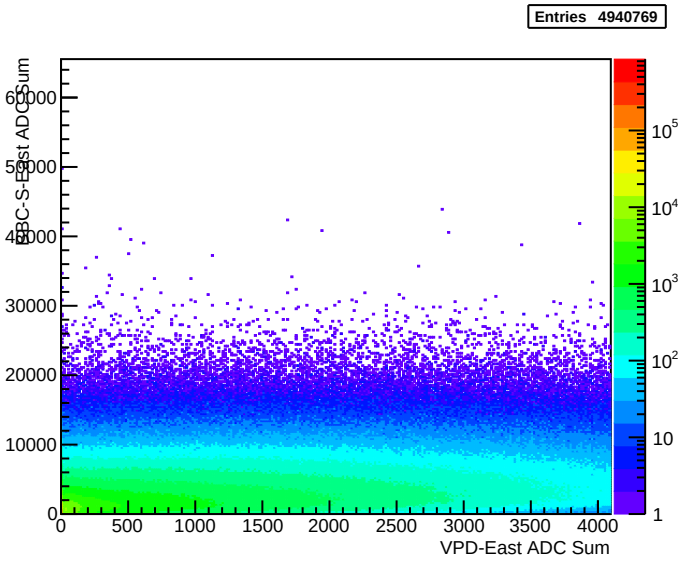

Entries 4940769
TOF Mult
VPD-West ADC Sum

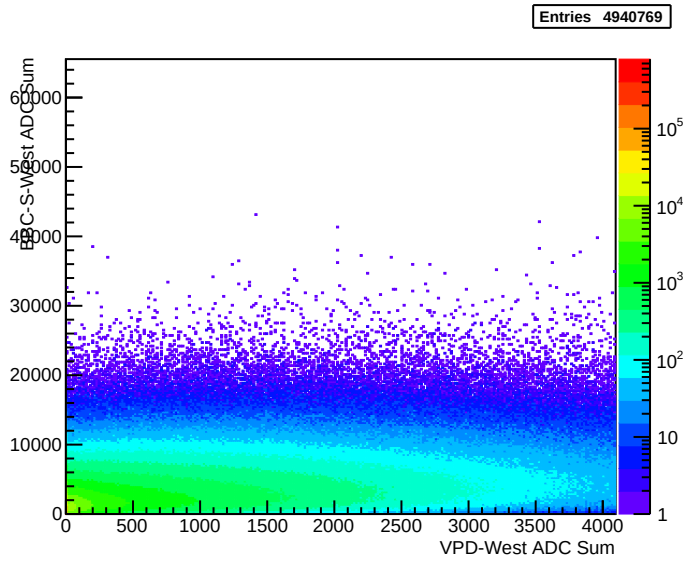

Entries 4940769
TOF Mult
ZDC-East ADC Sum Att

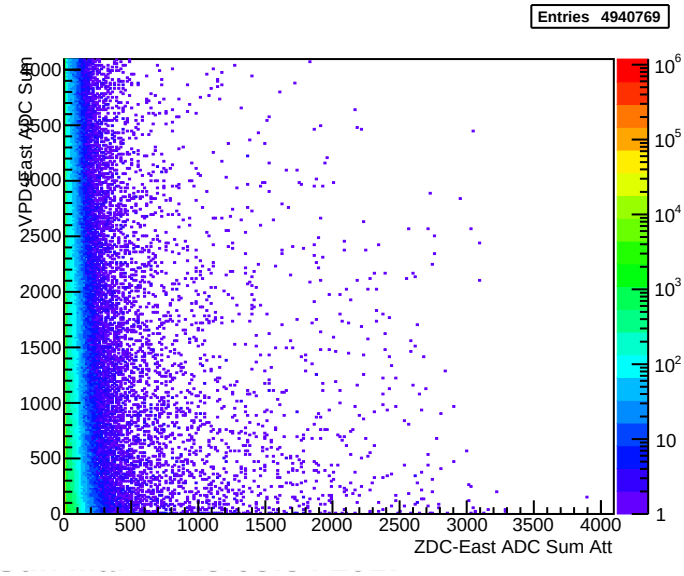

Entries 4940769
TOF Mult
ZDC-West ADC Sum Att

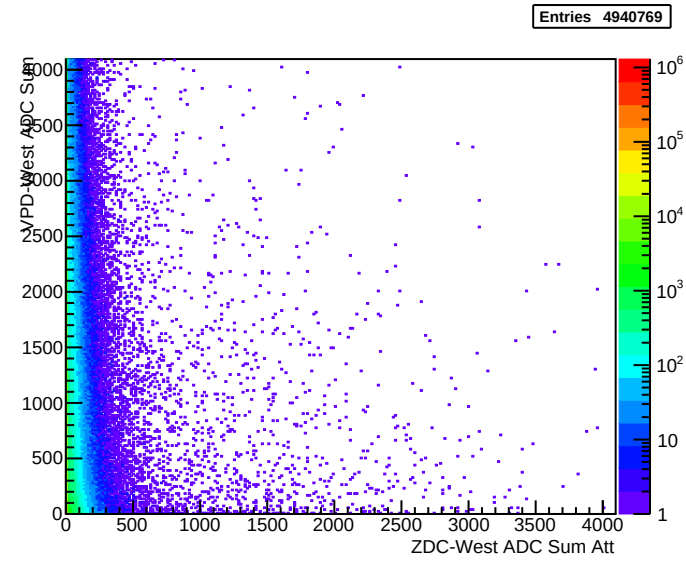

Entries 4940769
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

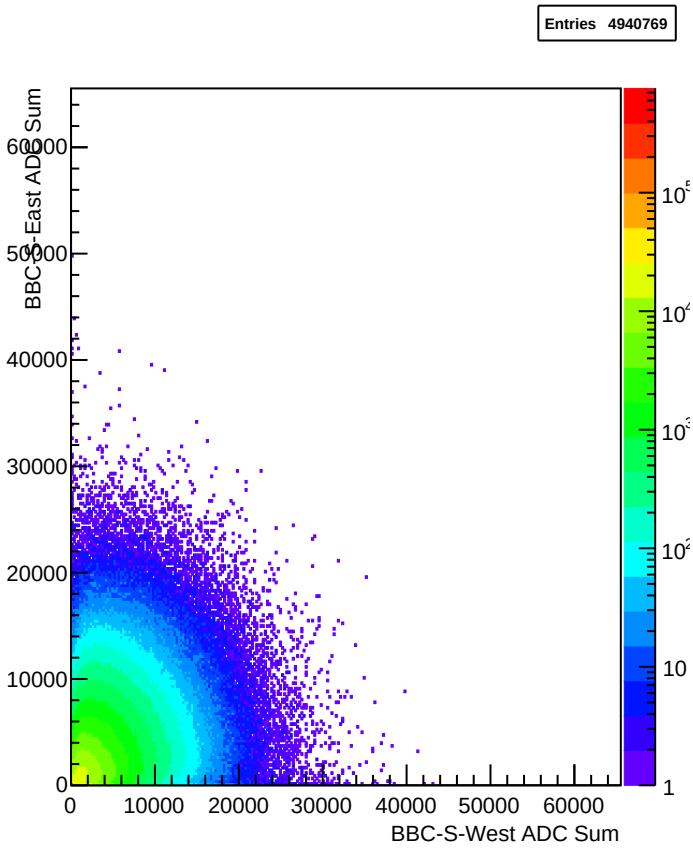

Entries 4940769
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

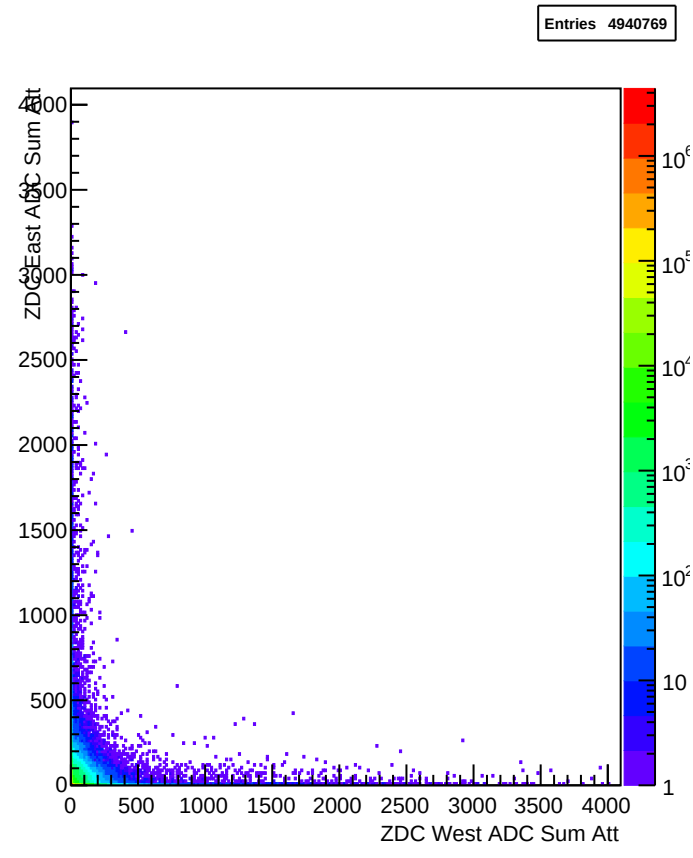

Entries 4940769
BBC-S-East ADC Sum
VPD-East ADC Sum

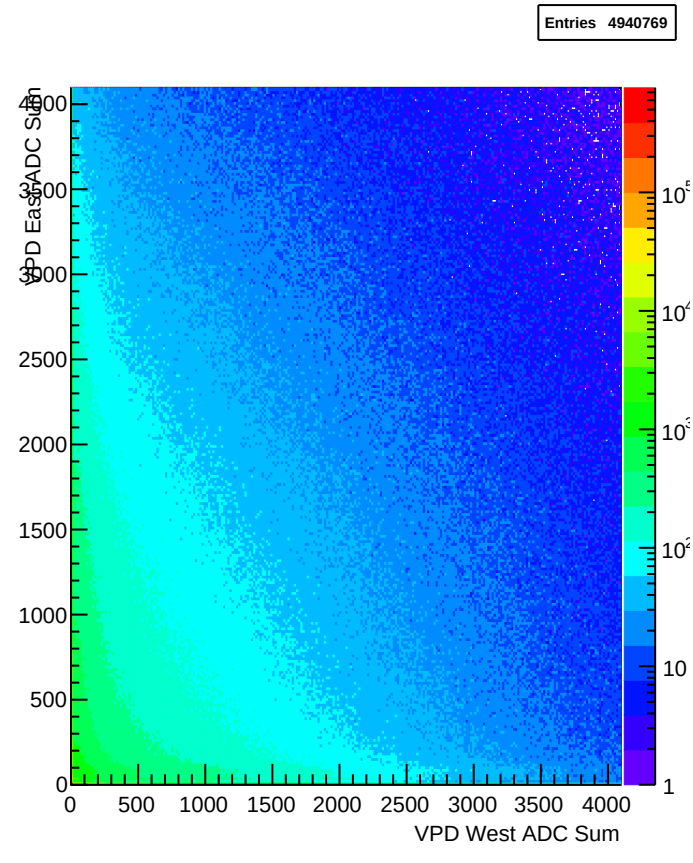

Entries 4940769
BBC-S-West ADC Sum
VPD-West ADC Sum

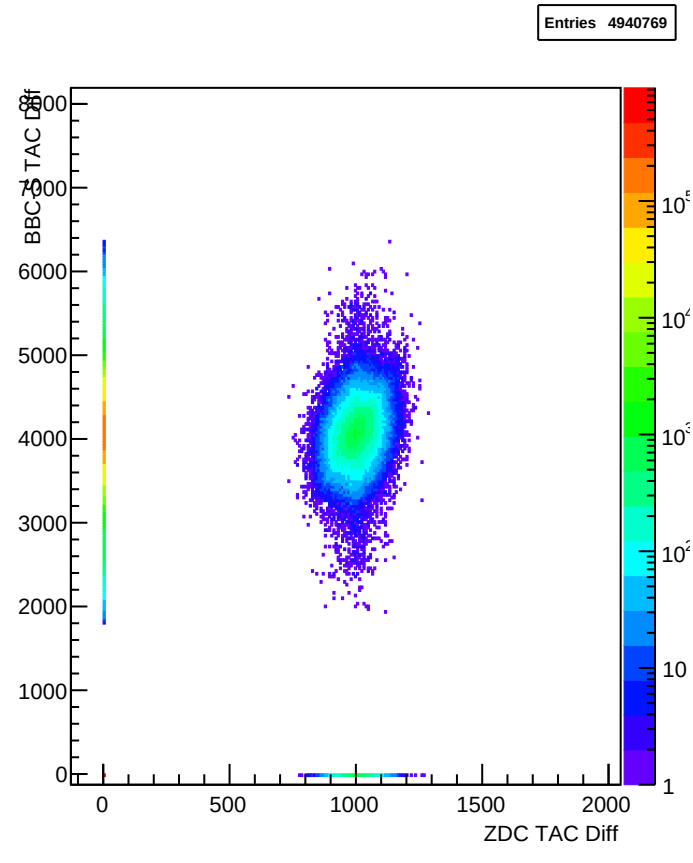

Entries 4940769
VPD-East ADC Sum
ZDC-East ADC Sum Att

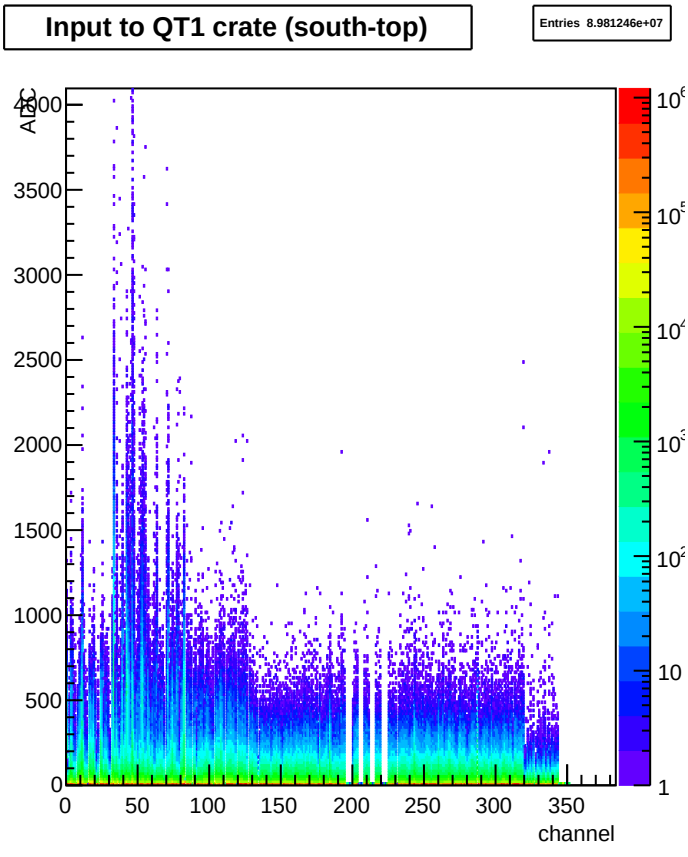

Entries 4940769
VPD-West ADC Sum
ZDC-West ADC Sum Att

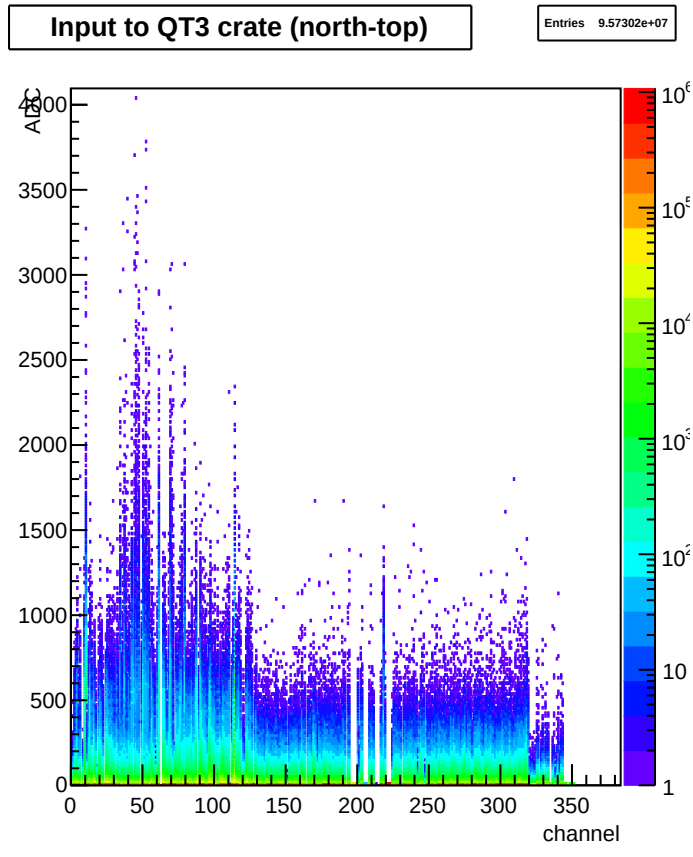

Entries 4940769
BBC-S-East ADC Sum
BBC-S-West ADC Sum

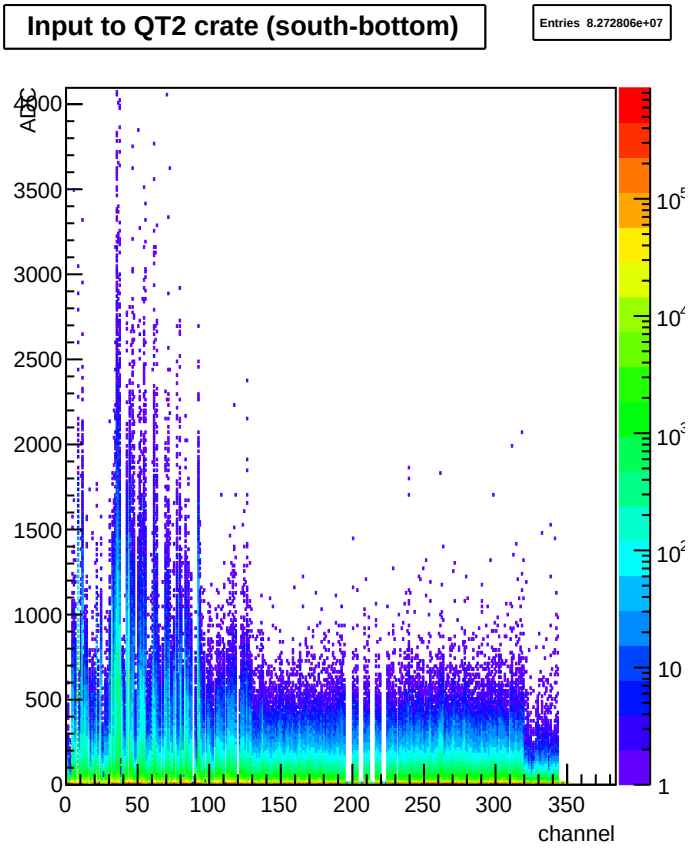

Entries 4940769
ZDC East ADC Sum Att
ZDC West ADC Sum Att

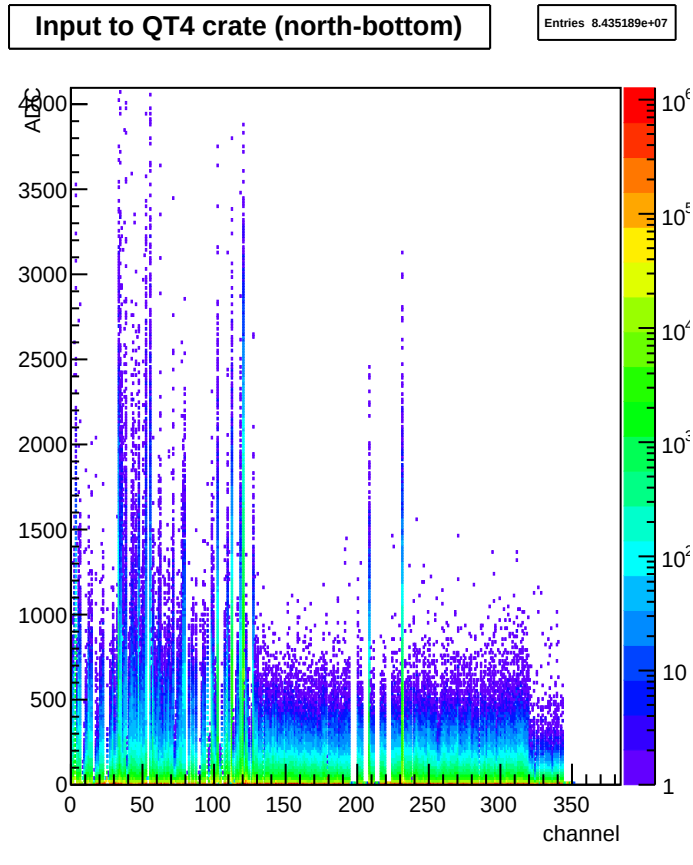

Entries 4940769
VPD East ADC Sum
VPD West ADC Sum

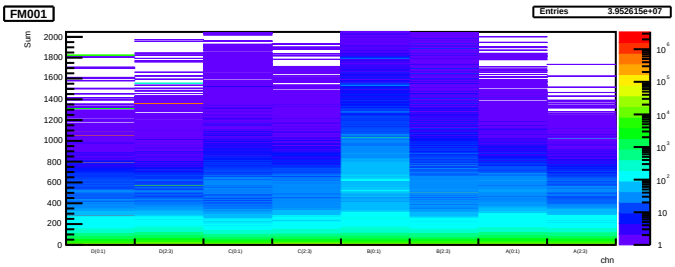

Entries 4940769
BBC-S TAC Diff
ZDC TAC Diff

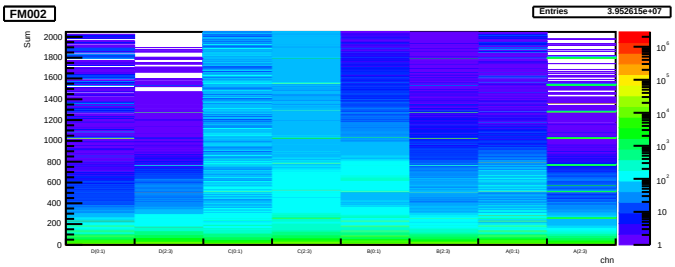

Input to QT1 crate (south-top)
Entries 8.981246e+07
ADC
channel

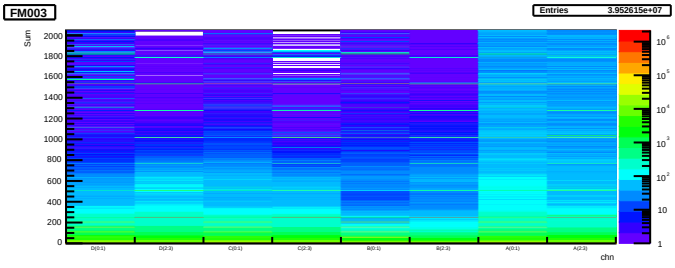

Input to QT3 crate (north-top)
Entries 9.57302e+07
ADC
channel


Input to QT2 crate (south-bottom)
Entries 8.272806e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 8.435189e+07
ADC
channel


FM001
Entries 3.952615e+07
Sum
chn


FM002
Entries 3.952615e+07
Sum
chn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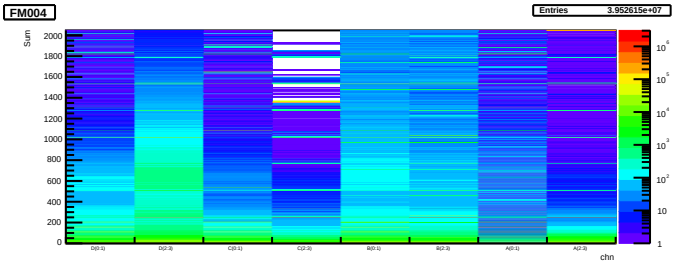
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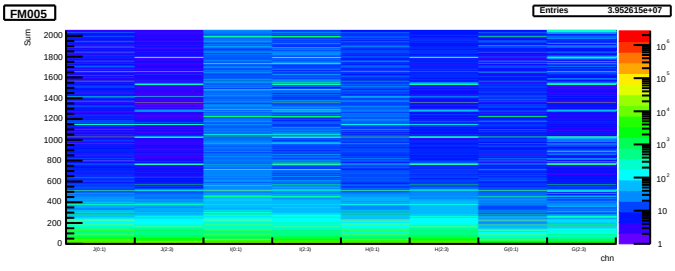
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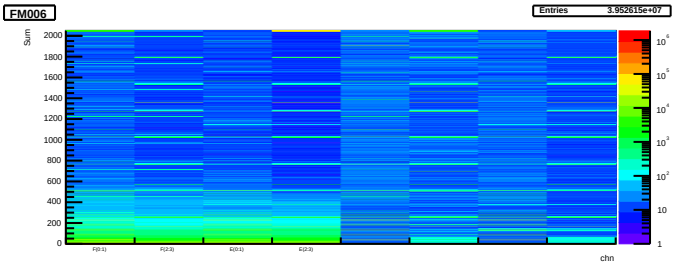
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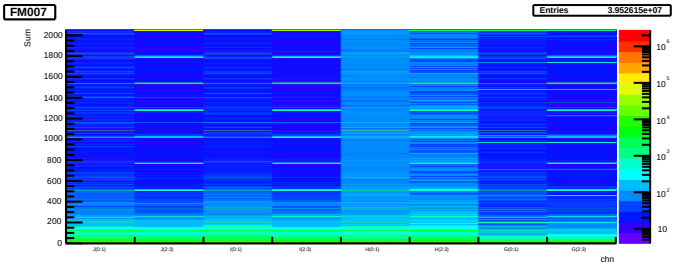
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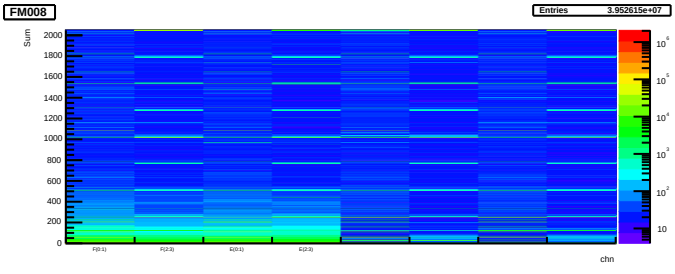
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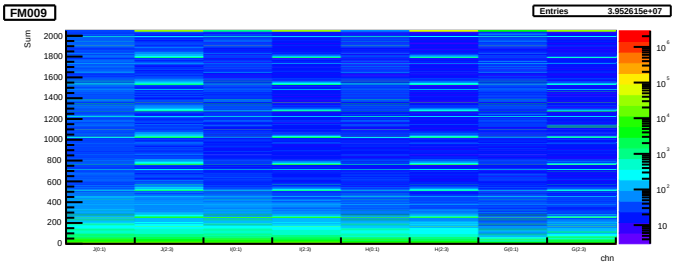
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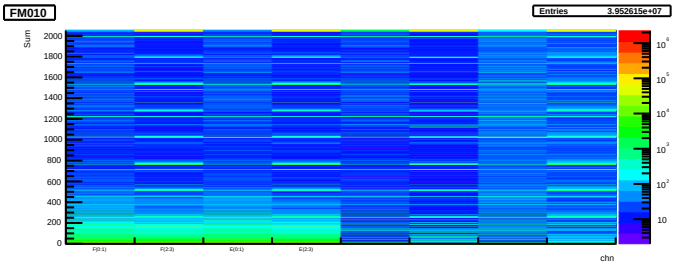
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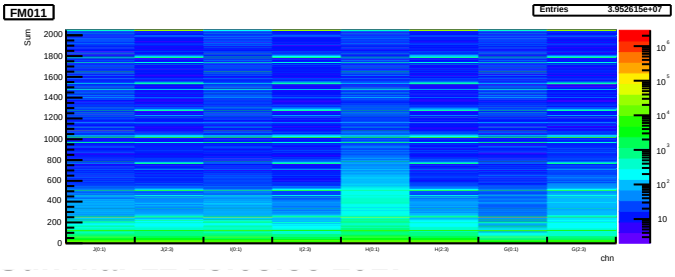
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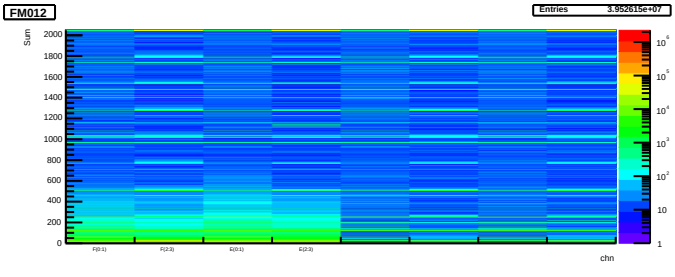
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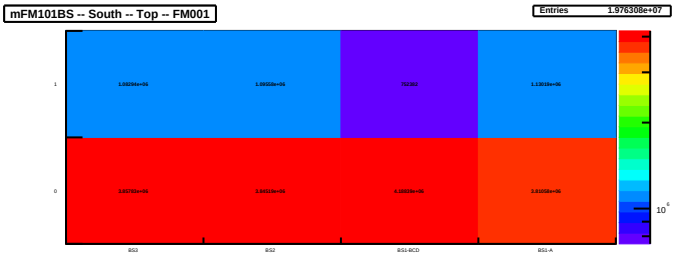
mFM101BS -- South -- Top -- FM001
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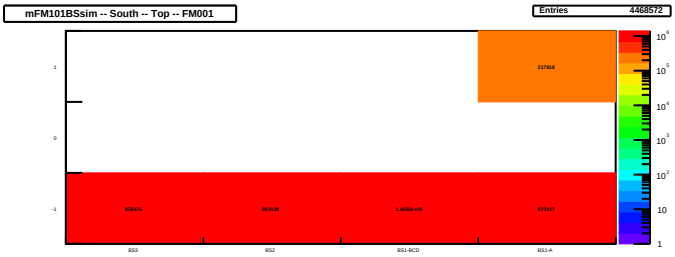
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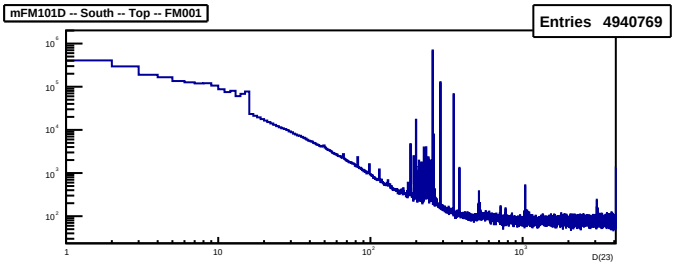
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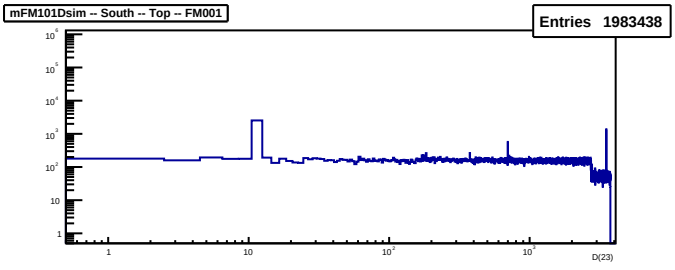
Entries 4940769
D(23)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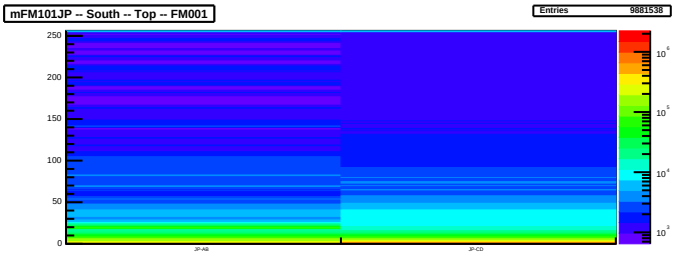
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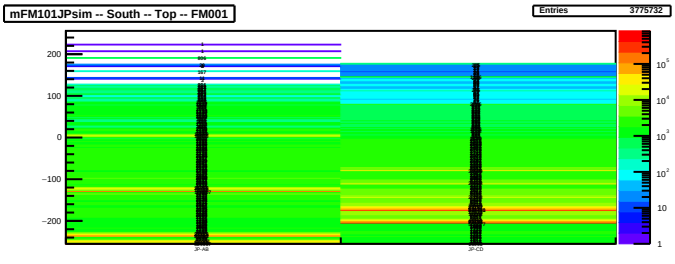
Entries 9881538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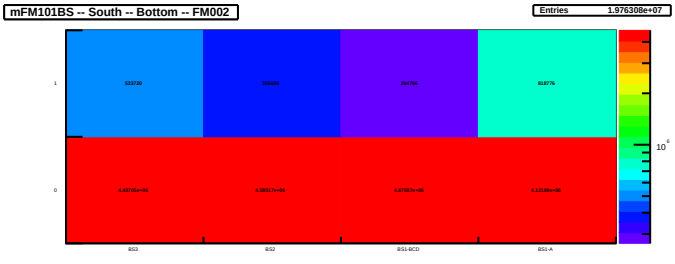
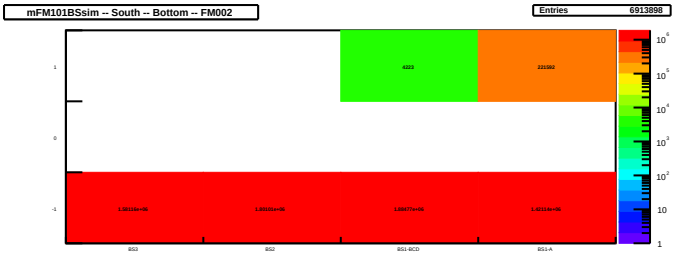

mFM101BS -- South -- Bottom -- FM002
Entries 1.976308e+07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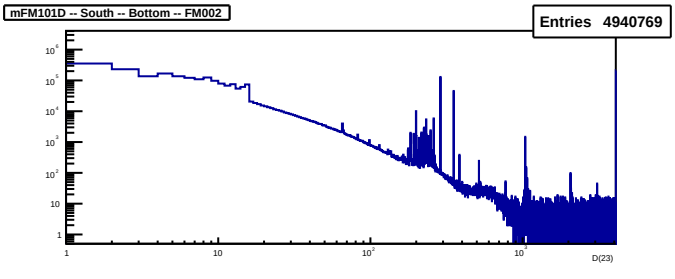
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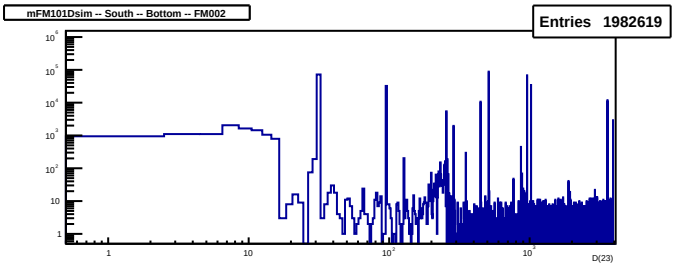
Entries 4940769
D(23)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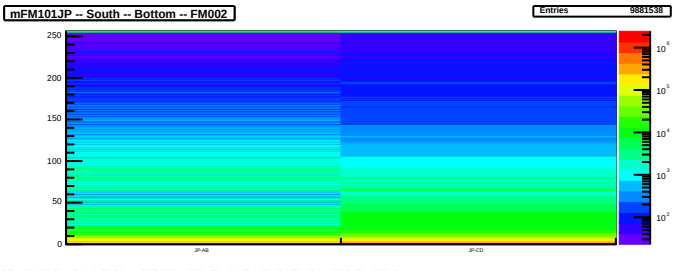
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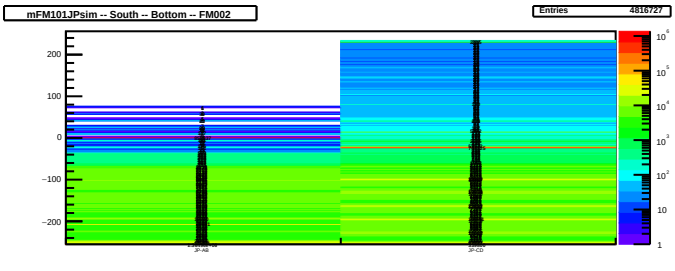
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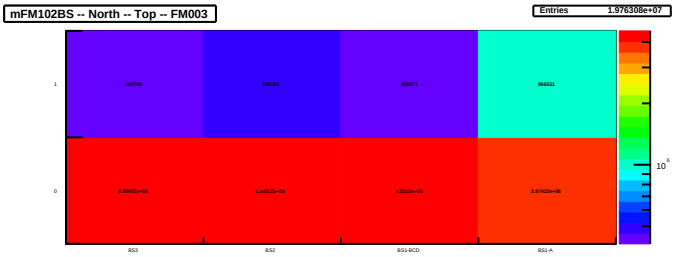
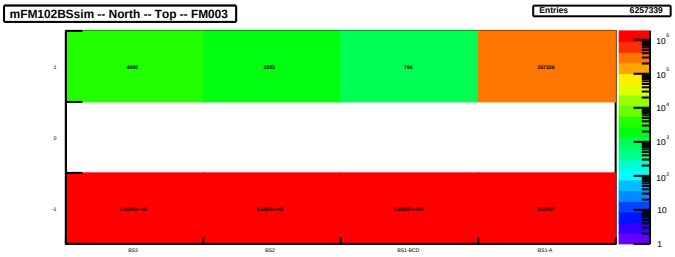

mFM102BS -- North -- Top -- FM003
Entries 1.976308e+07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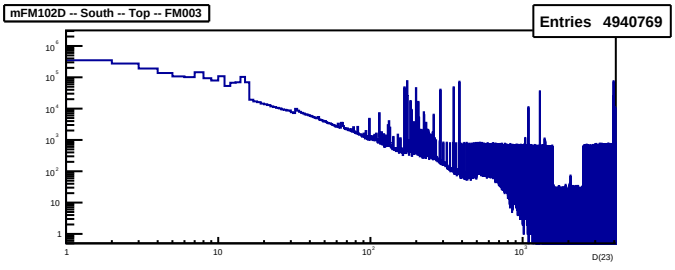
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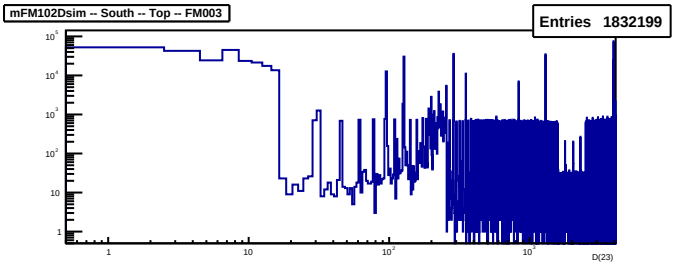
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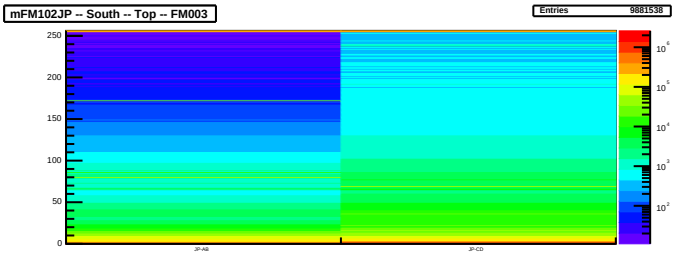
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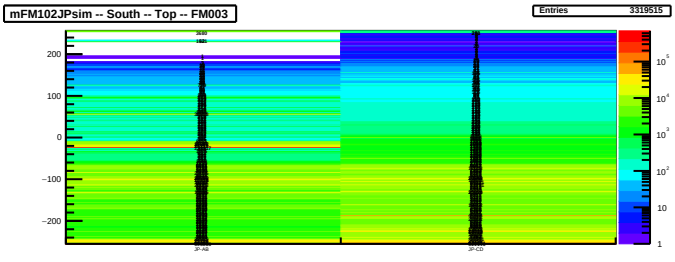
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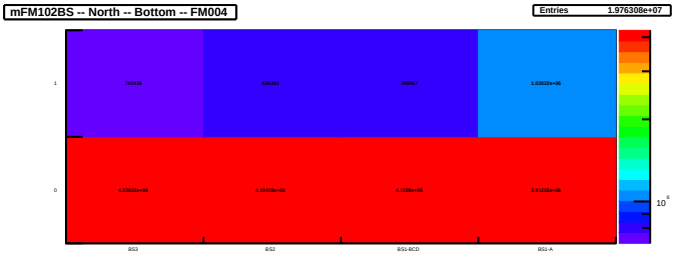
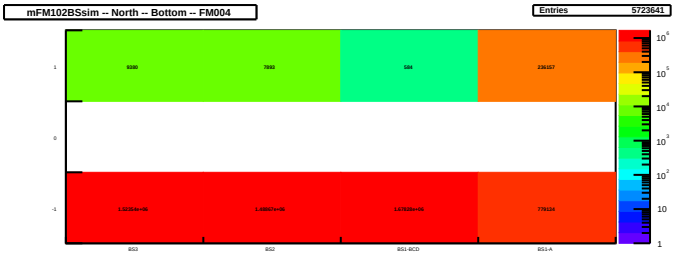

mFM102BS -- North -- Bottom -- FM004
Entries 1.976308e+07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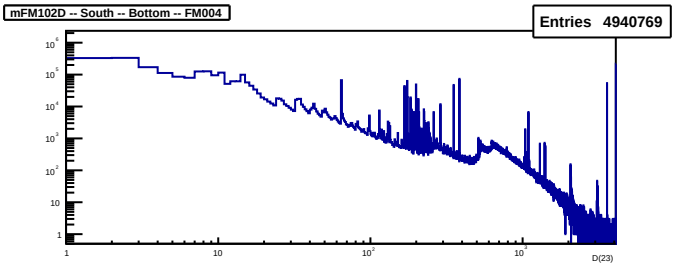
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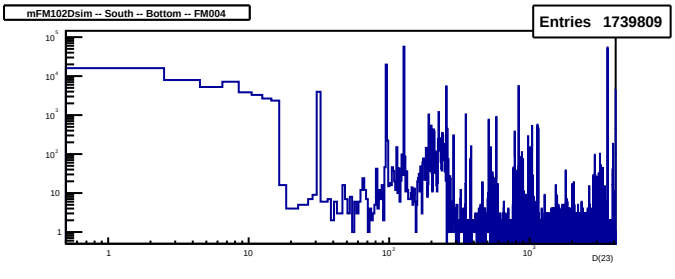
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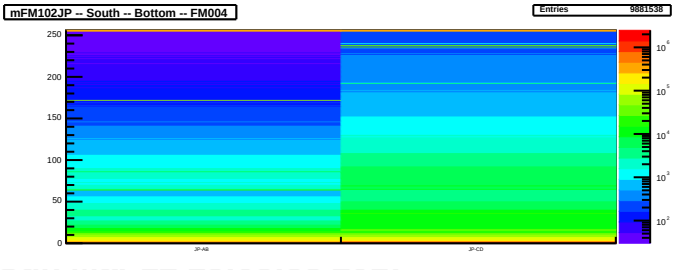
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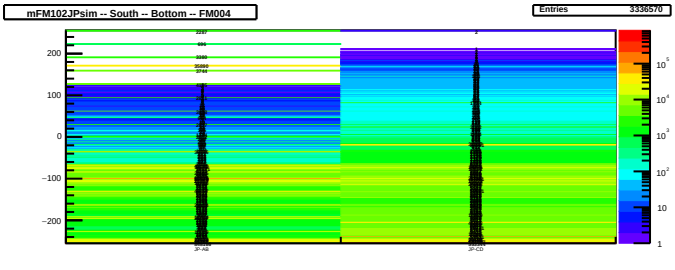
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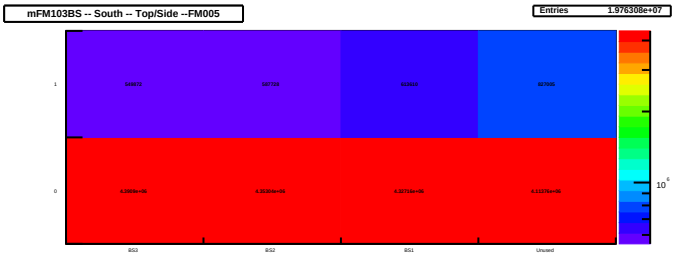
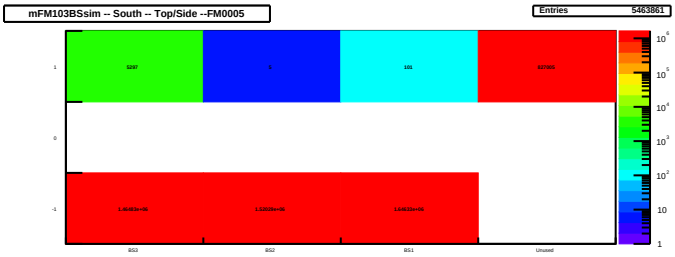

mFM103BS -- South -- Top/Side --FM005
Entries 1.976308e+07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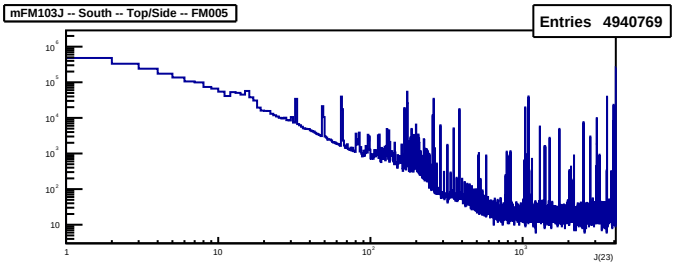
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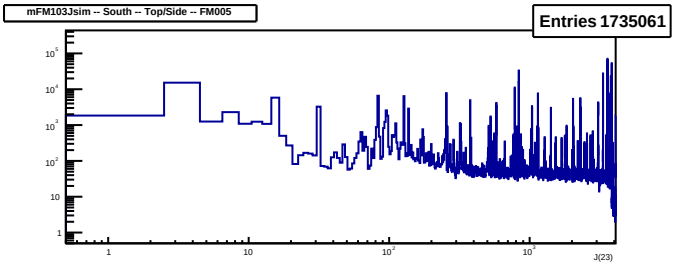
Entries 4940769
J(23)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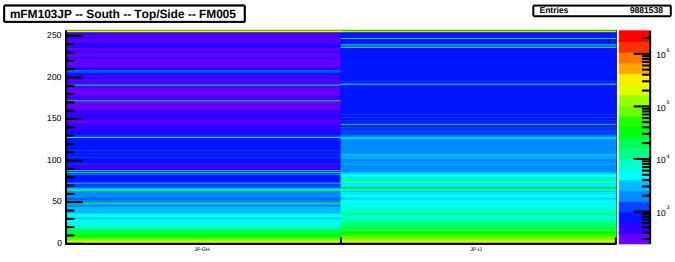
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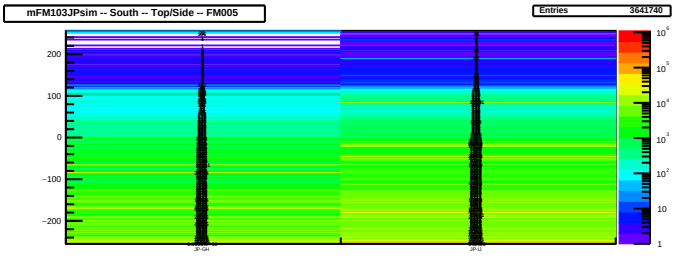
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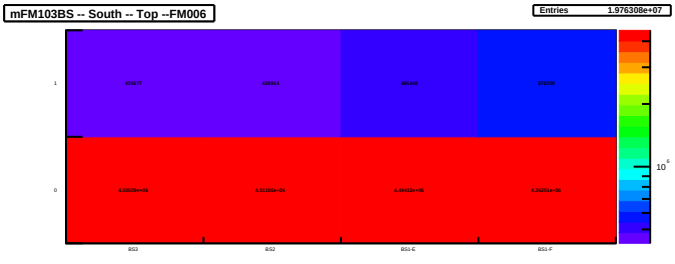
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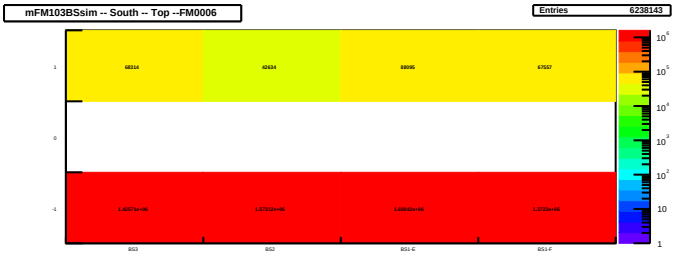
Entries 1.976308e+07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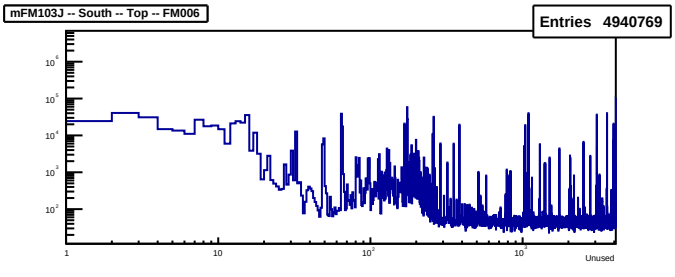
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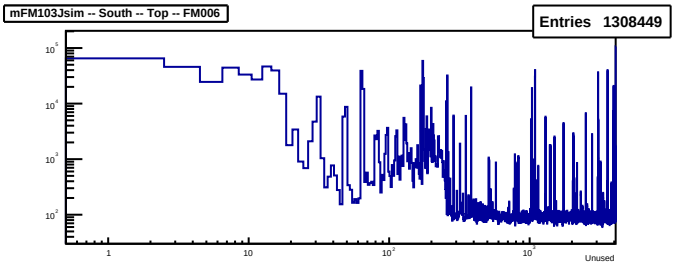
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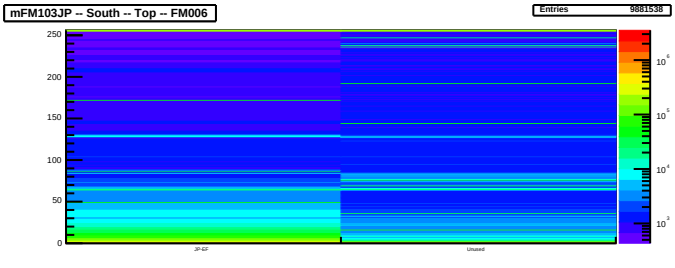
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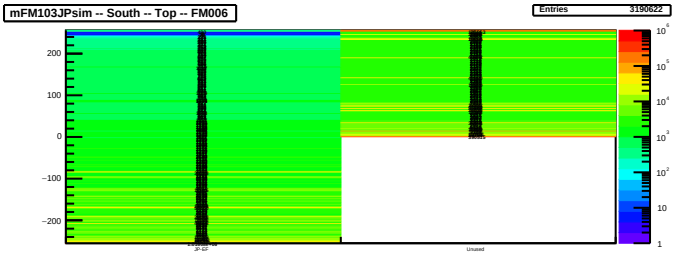
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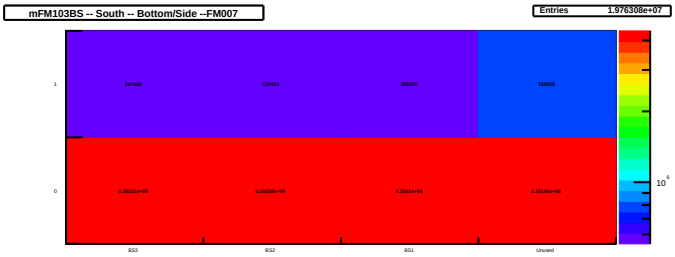
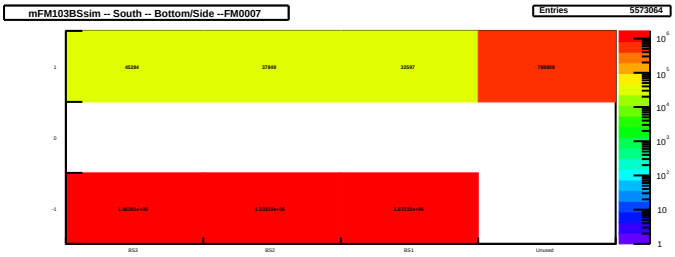

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.976308e+07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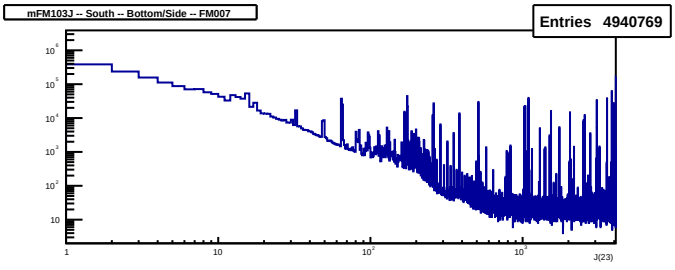
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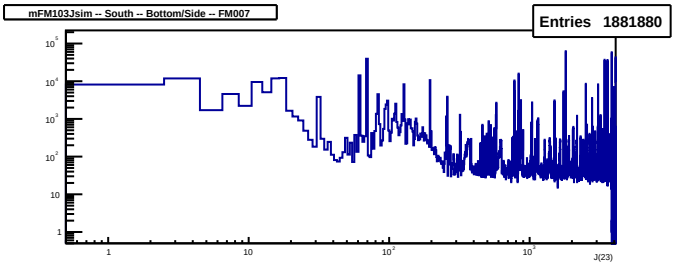
J(23)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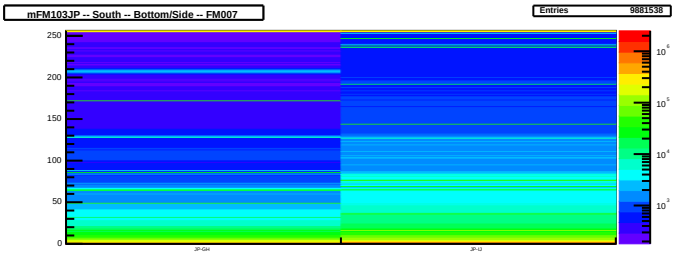
J(23)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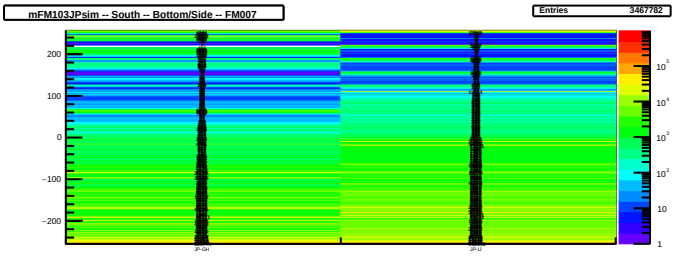
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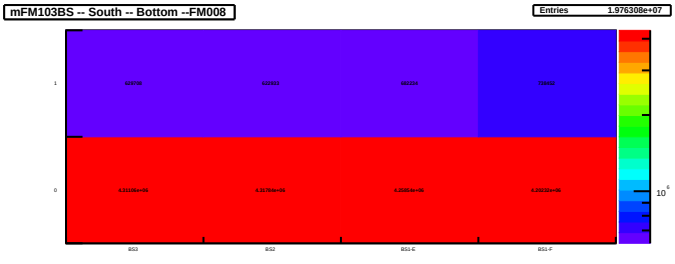
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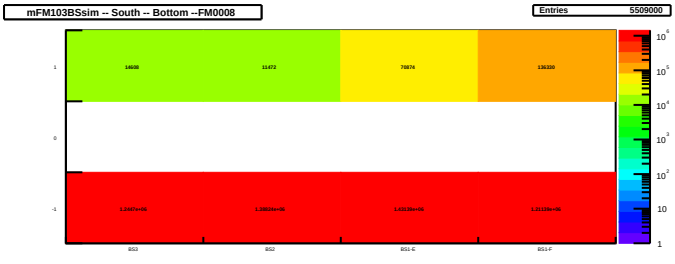
Entries 1.976308e+07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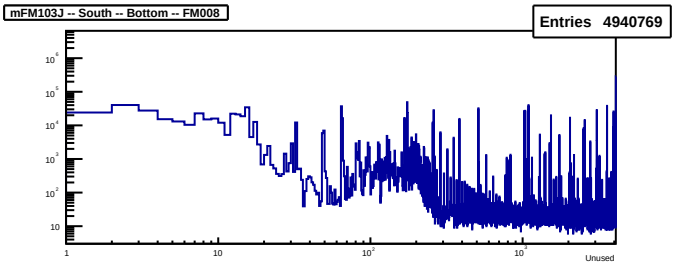
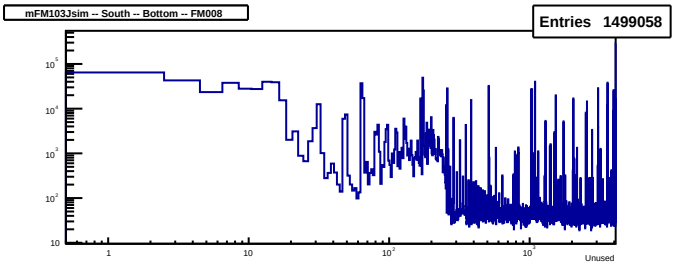
Entries 5509000


mFM103J -- South -- Bottom -- FM008
Entries 4940769
Unused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Entries 1499058
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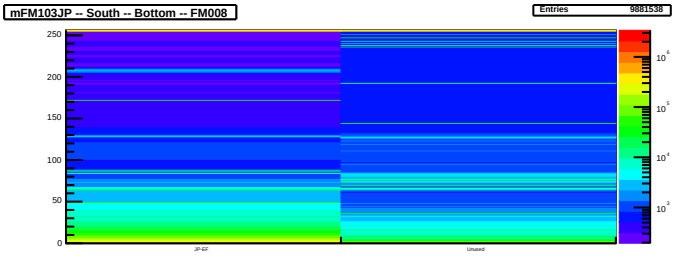
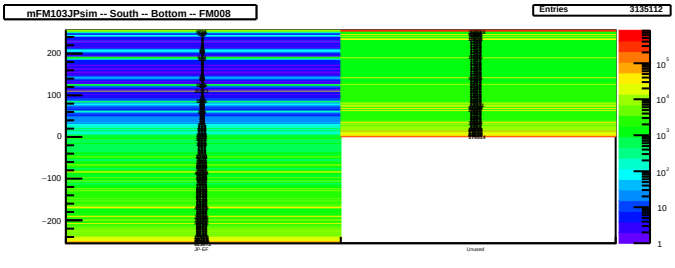
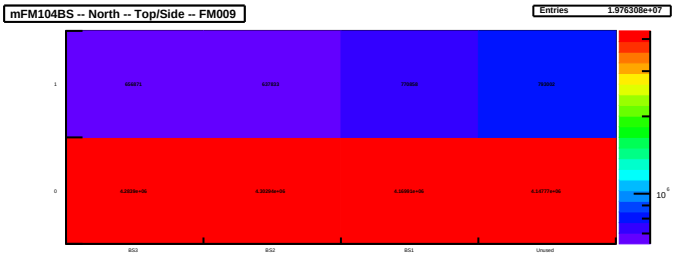
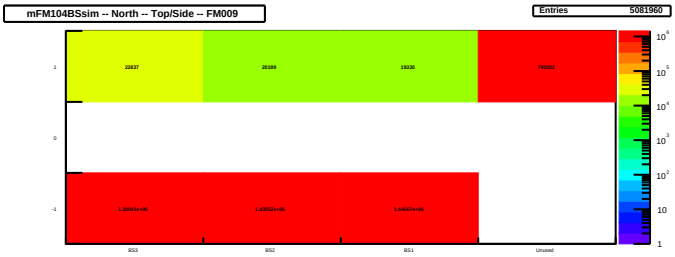

mFM103JP -- South -- Bottom -- FM008
Entries 9881538


mFM103JPsim -- South -- Bottom -- FM008
Entries 3135112


mFM104BS -- North -- Top/Side -- FM009
Entries 1.976308e+07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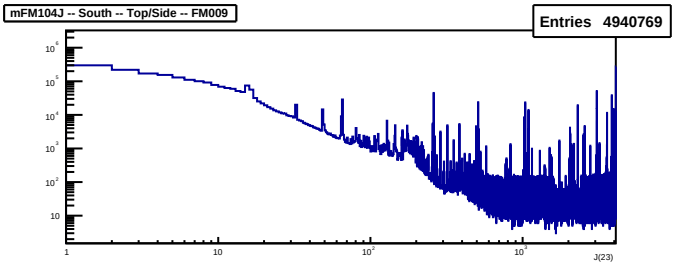
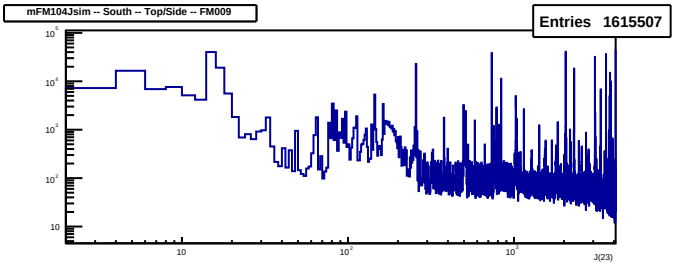
Entries 5081960


mFM104J -- South -- Top/Side -- FM009
Entries 4940769
J(23)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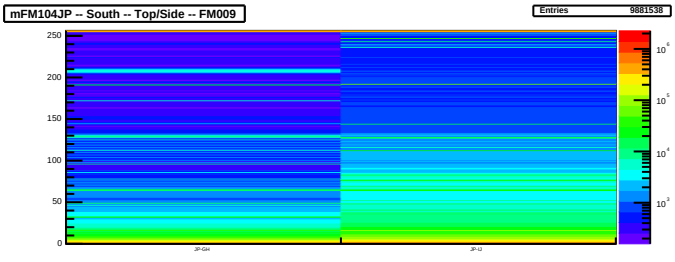
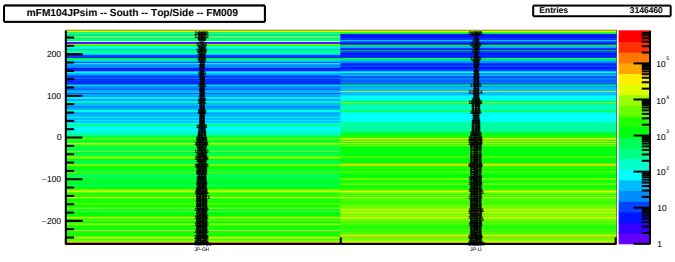
Entries 1615507
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9881538


mFM104JPsim -- South -- Top/Side -- FM009
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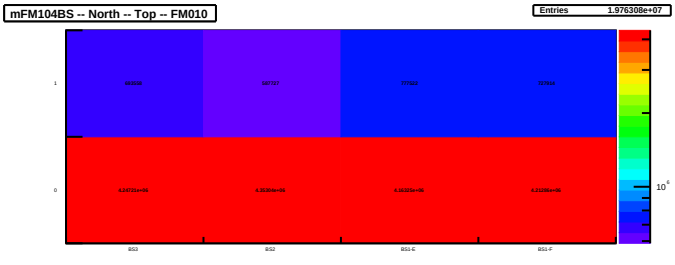
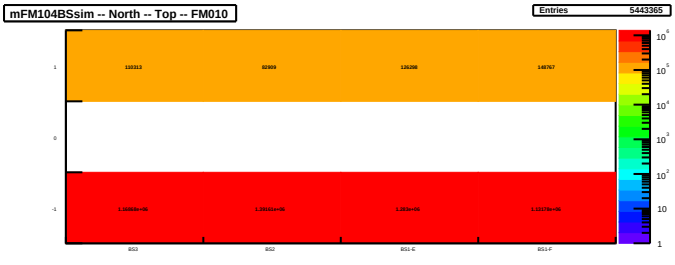
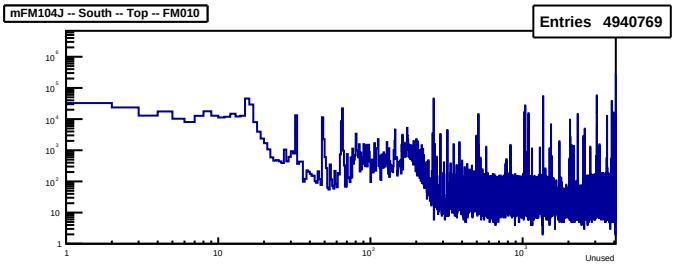
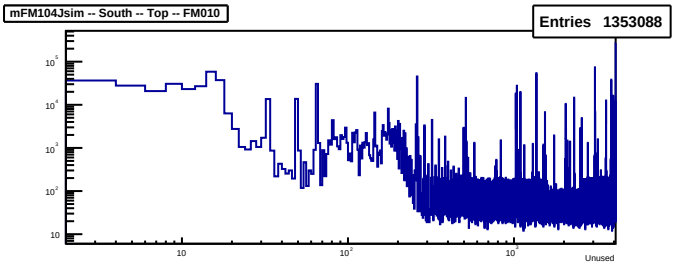

mFM104BS -- North -- Top -- FM010
Entries 1.976308e+07


mFM104BSsim -- North -- Top -- FM010
Entries 5443365


mFM104J -- South -- Top -- FM010
Entries 4940769
Unused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Entries 1353088
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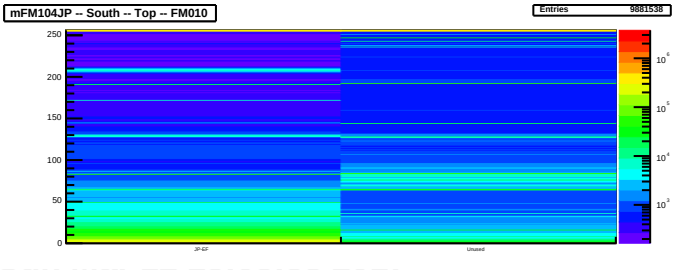
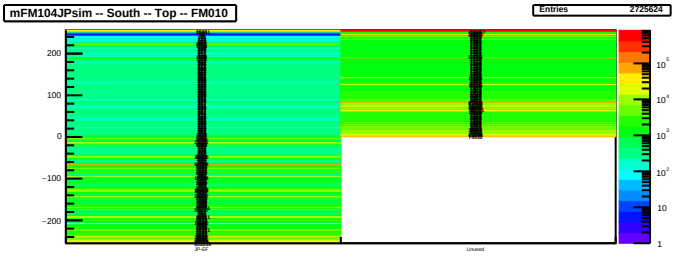
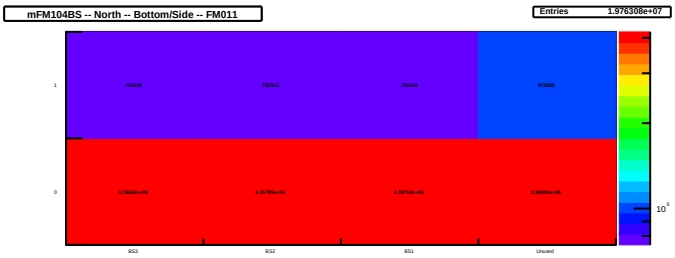
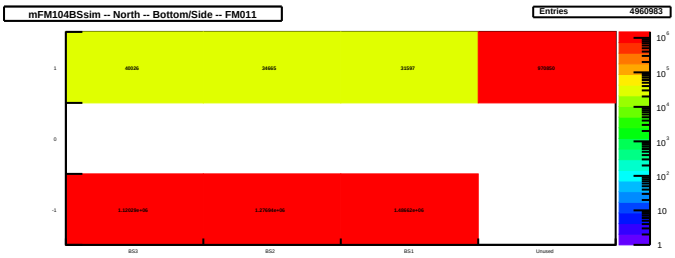
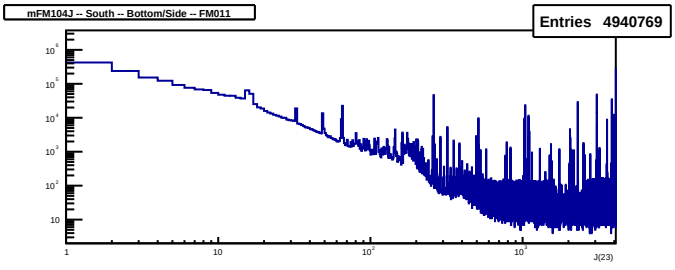
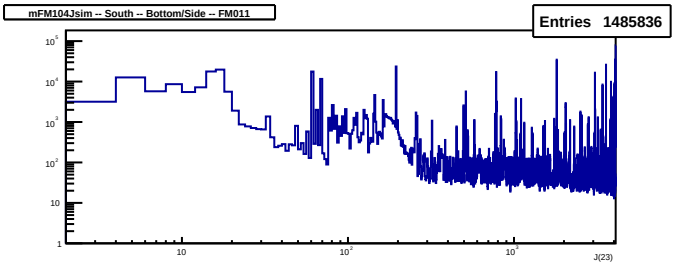

mFM104JP -- South -- Top -- FM010
Entries 9881538

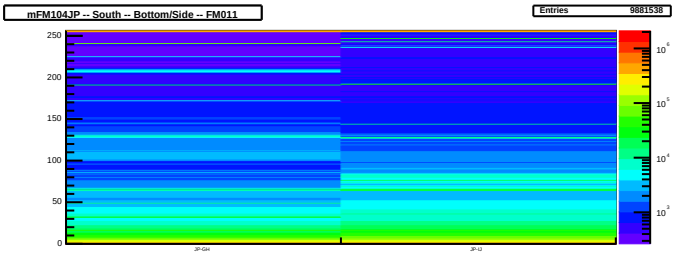

mFM104JPsim -- South -- Top -- FM010
Entries 2725624

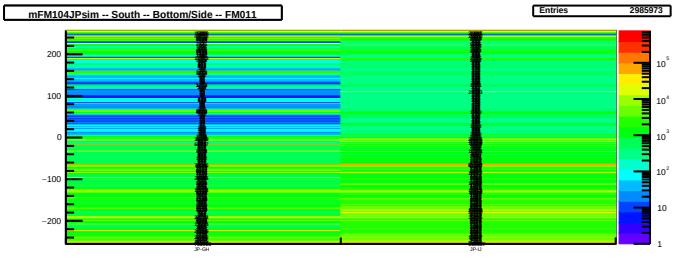

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.976308e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4960983


mFM104J -- South -- Bottom/Side -- FM011
Entries 4940769
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1485836
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 9881538


mFM104JPsim -- South -- Bottom/Side -- FM011
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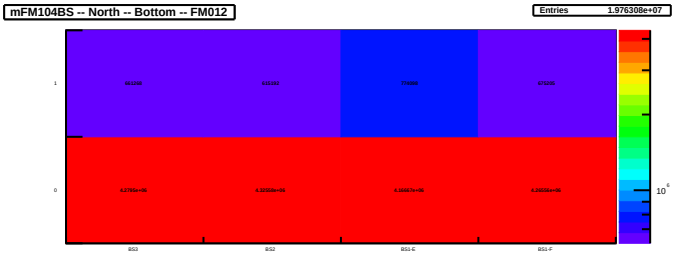
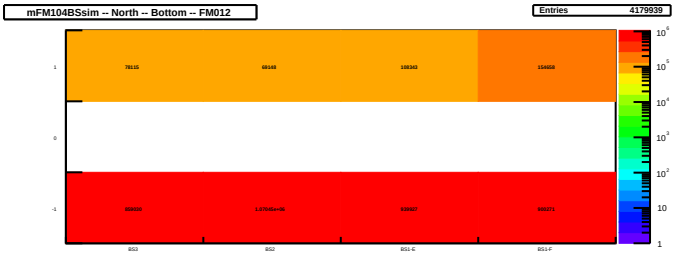
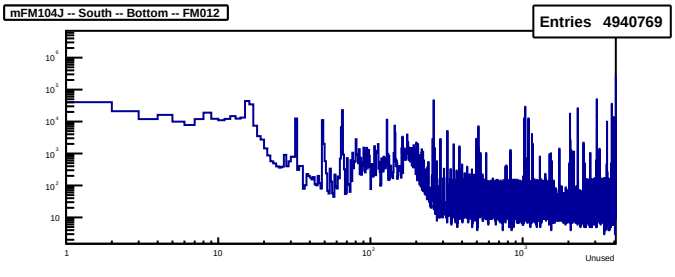
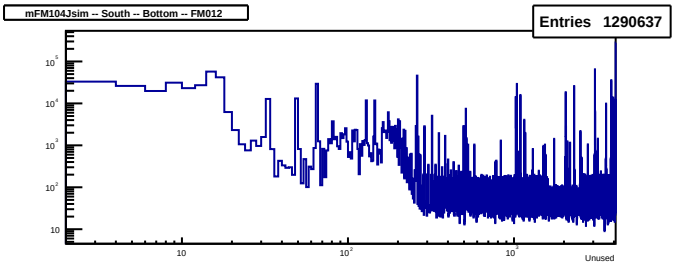

mFM104BS -- North -- Bottom -- FM012
Entries 1.976308e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 4179939


mFM104J -- South -- Bottom -- FM012
Entries 4940769
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 1290637
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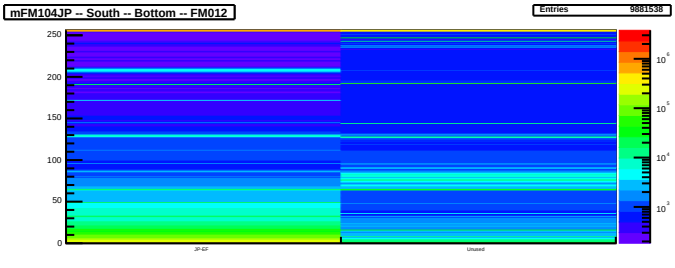
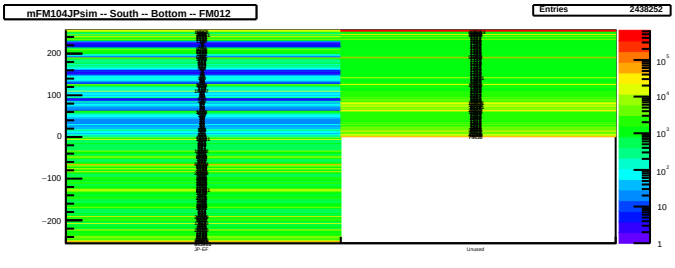
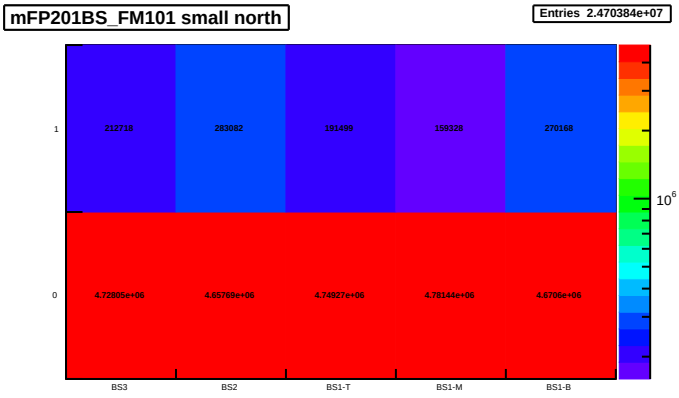
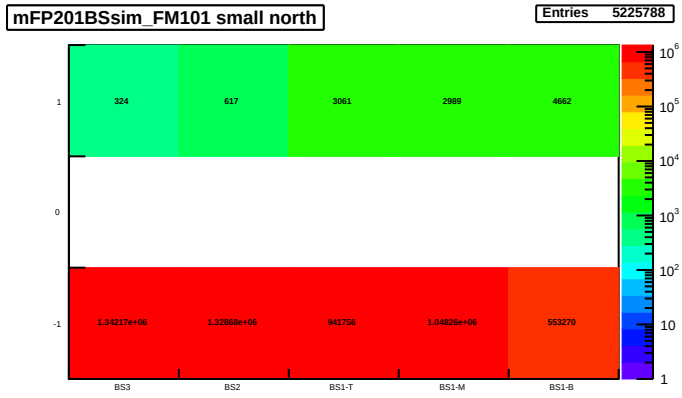
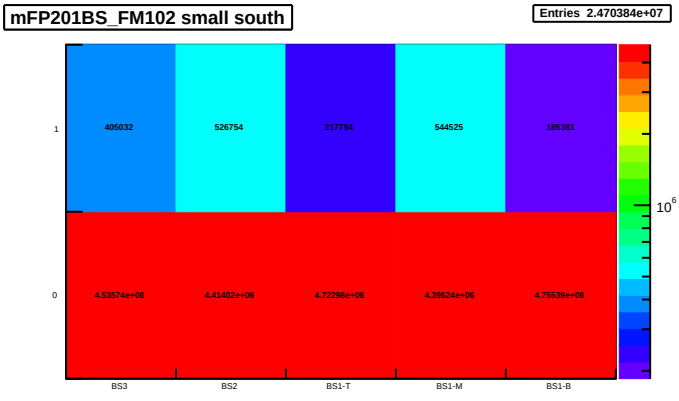
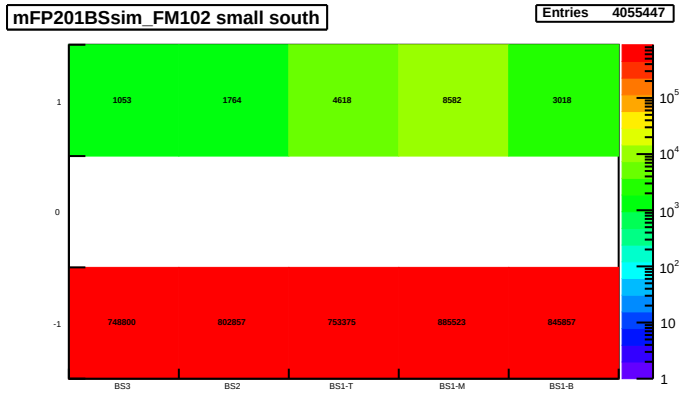

mFM104JP -- South -- Bottom -- FM012
Entries 9881538

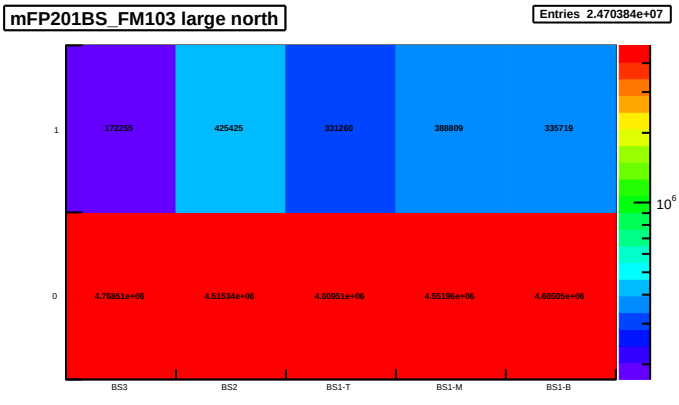

mFM104JPsim -- South -- Bottom -- FM012
Entries 2438252

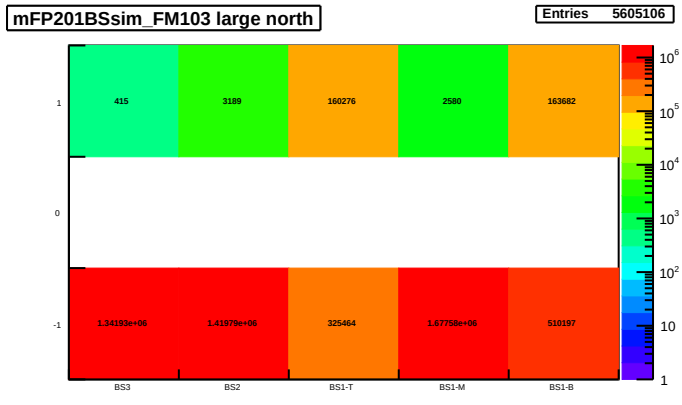

mFP201BS_FM101 small north
Entries 2.470384e+07
212718
283082
191499
159328
270168
4.72805e+06
4.65769e+06
4.74927e+06
4.78144e+06
4.6706e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

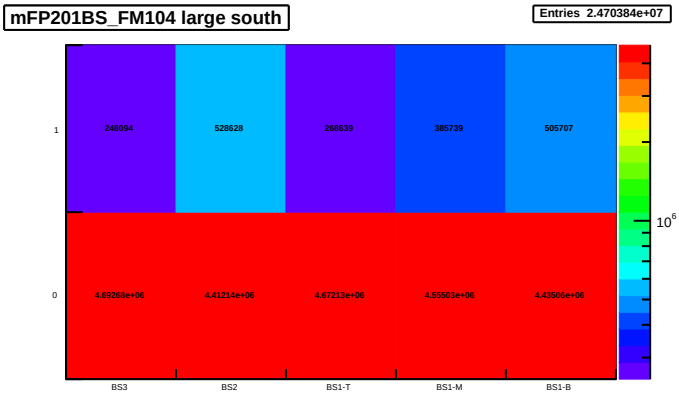

mFP201BSsim_FM101 small north
Entries 5225788
324
617
3061
2989
4662
1.34217e+06
1.32868e+06
941756
1.04826e+06
553270
BS3
BS2
BS1-T
BS1-M
BS1-B

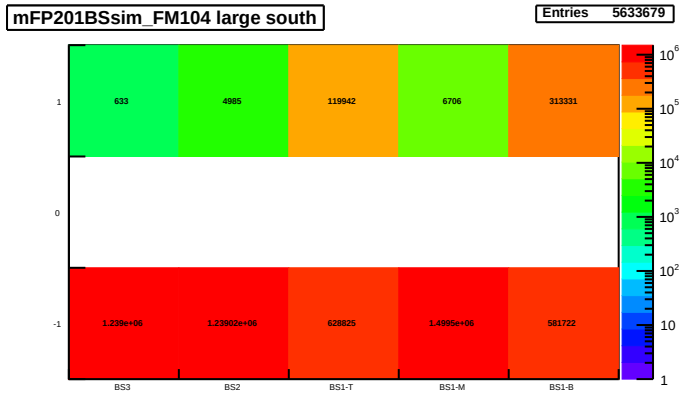

mFP201BS_FM102 small south
Entries 2.470384e+07
405032
526754
217794
544525
185381
4.53574e+06
4.41402e+06
4.72298e+06
4.39624e+06
4.75539e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

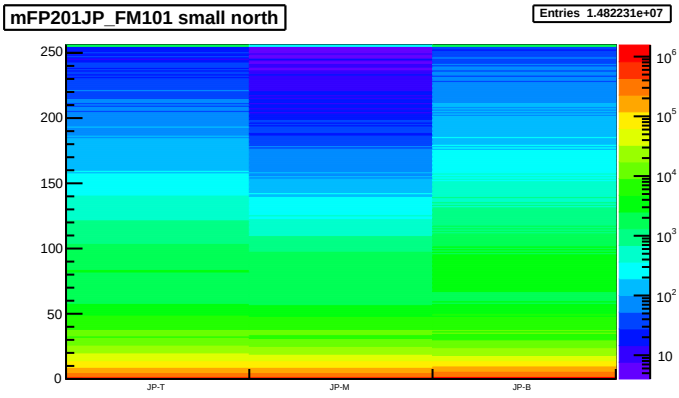

mFP201BSsim_FM102 small south
Entries 4055447
1053
1764
4618
8582
3018
748800
802857
753375
885523
845857
BS3
BS2
BS1-T
BS1-M
BS1-B

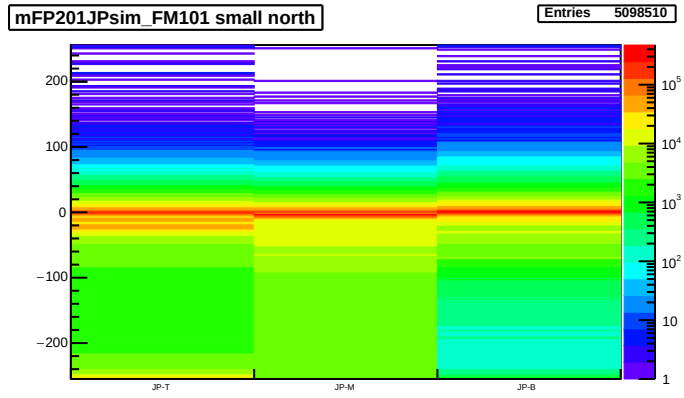

mFP201BS_FM103 large north
Entries 2.470384e+07
172255
425425
331260
388809
335719
4.76851e+06
4.51534e+06
4.60951e+06
4.55196e+06
4.60505e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

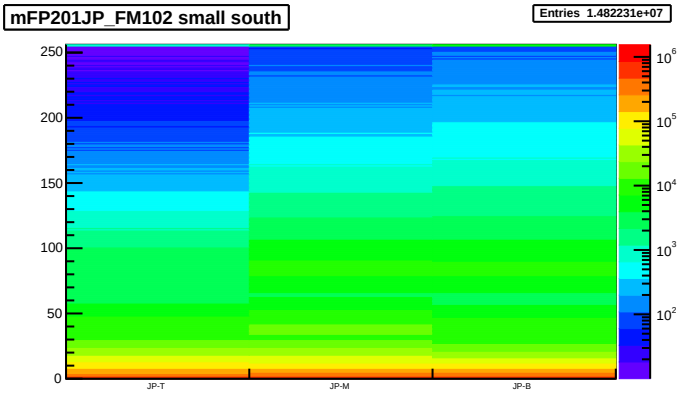

mFP201BSsim_FM103 large north
Entries 5605106
415
3189
160276
2580
163682
1.34193e+06
1.41979e+06
325464
1.67758e+06
510197
BS3
BS2
BS1-T
BS1-M
BS1-B

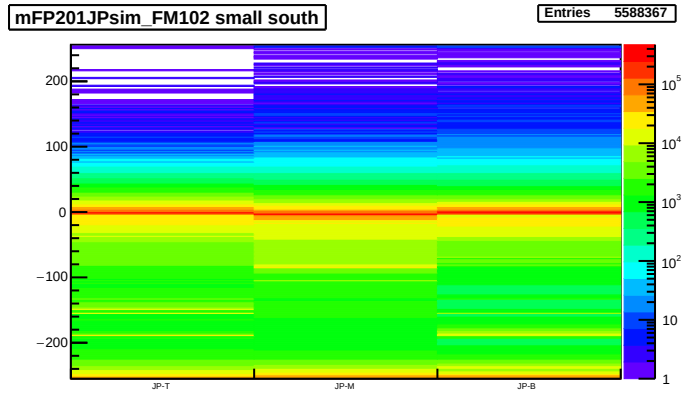

mFP201BS_FM104 large south
Entries 2.470384e+07
248094
528628
268639
385739
505707
4.69268e+06
4.41214e+06
4.67213e+06
4.55503e+06
4.43506e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

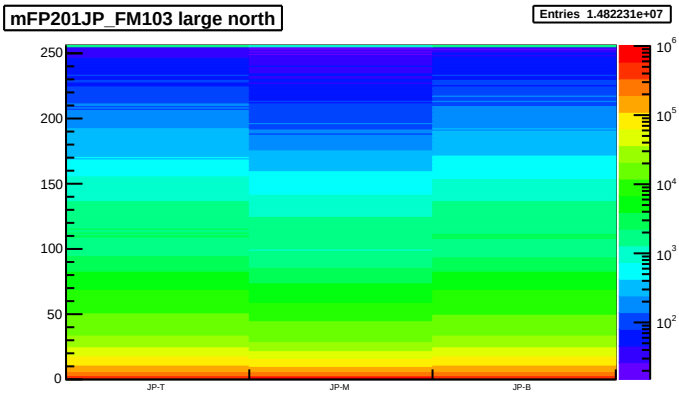

mFP201BSsim_FM104 large south
Entries 5633679
633
4985
119942
6706
313331
1.239e+06
1.23902e+06
628825
1.4995e+06
581722
BS3
BS2
BS1-T
BS1-M
BS1-B

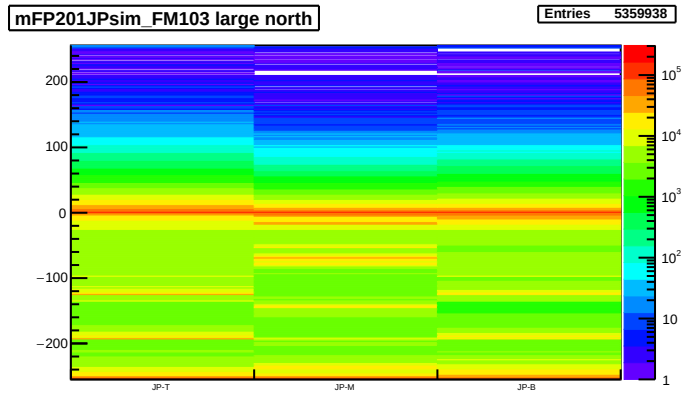

mFP201JP_FM101 small north
Entries 1.482231e+07
JP-T
JP-M
JP-B

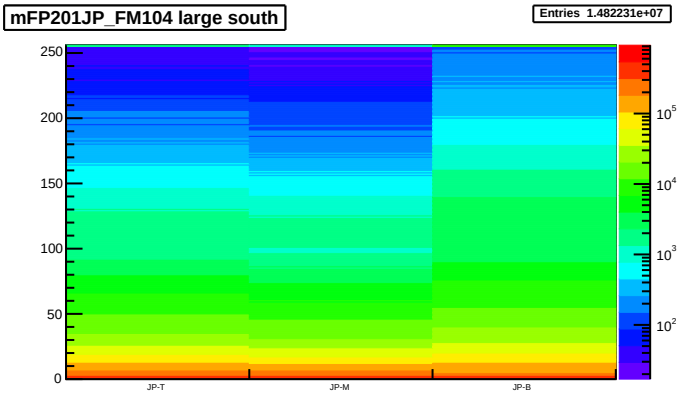

mFP201JPsim_FM101 small north
Entries 5098510
JP-T
JP-M
JP-B

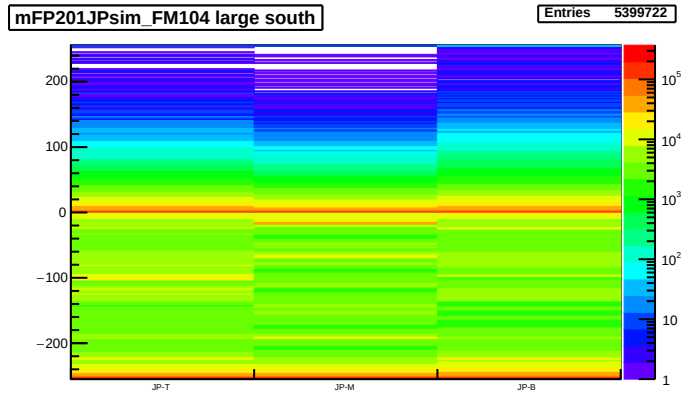

mFP201JP_FM102 small south
Entries 1.482231e+07
JP-T
JP-M
JP-B

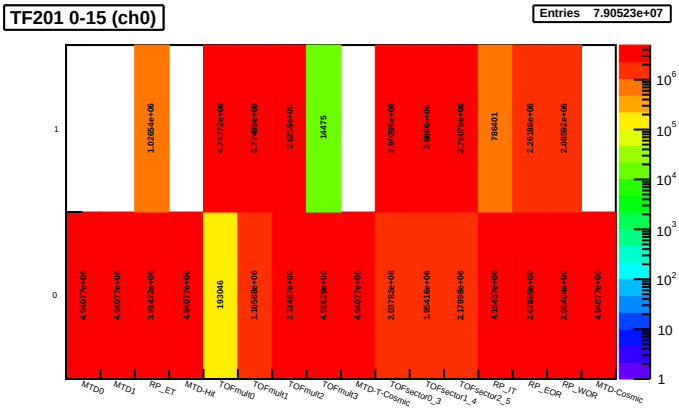

mFP201JPsim_FM102 small south
Entries 5588367
JP-T
JP-M
JP-B

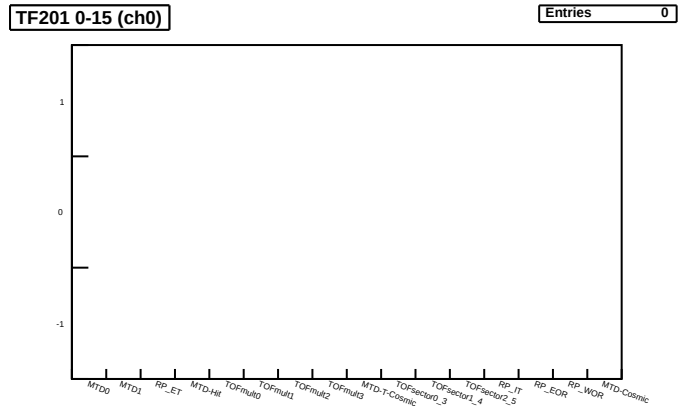

mFP201JP_FM103 large north
Entries 1.482231e+07
JP-T
JP-M
JP-B

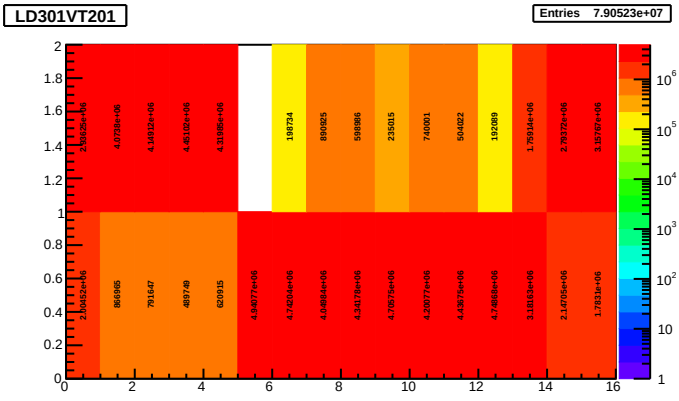

mFP201JPsim_FM103 large north
Entries 5359938
JP-T
JP-M
JP-B

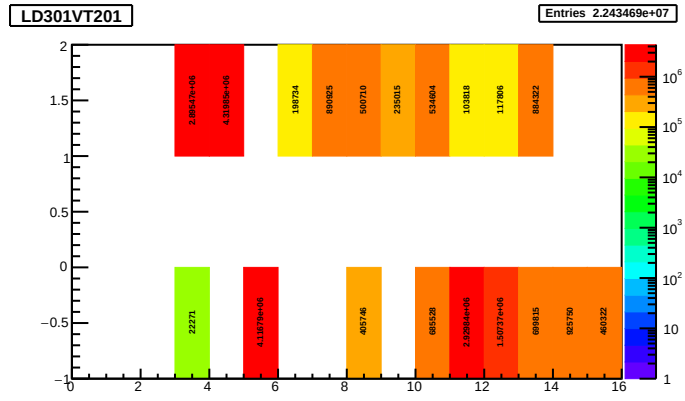

mFP201JP_FM104 large south
Entries 1.482231e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5399722
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.90523e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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


LD301VT201
Entries 7.90523e+07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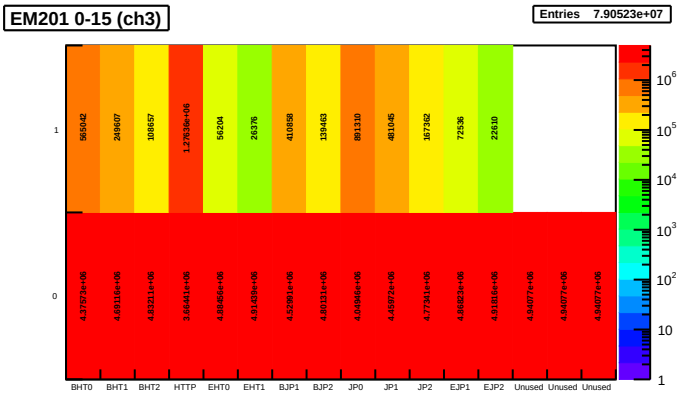
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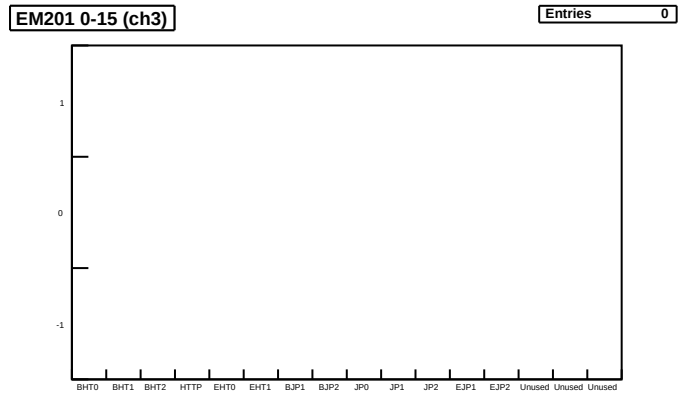
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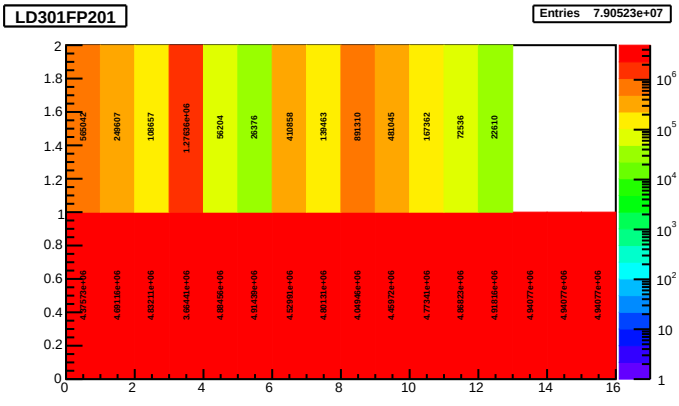
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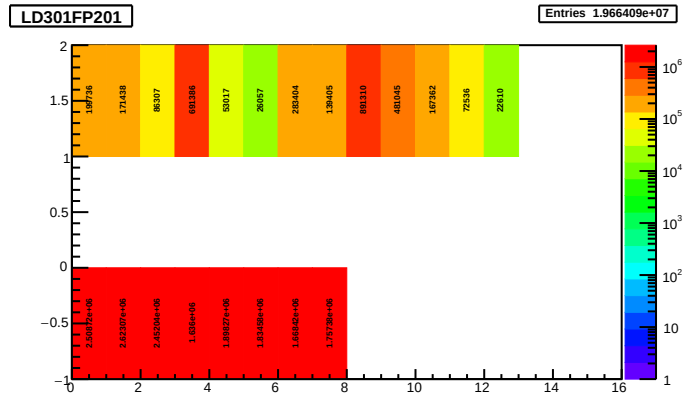
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