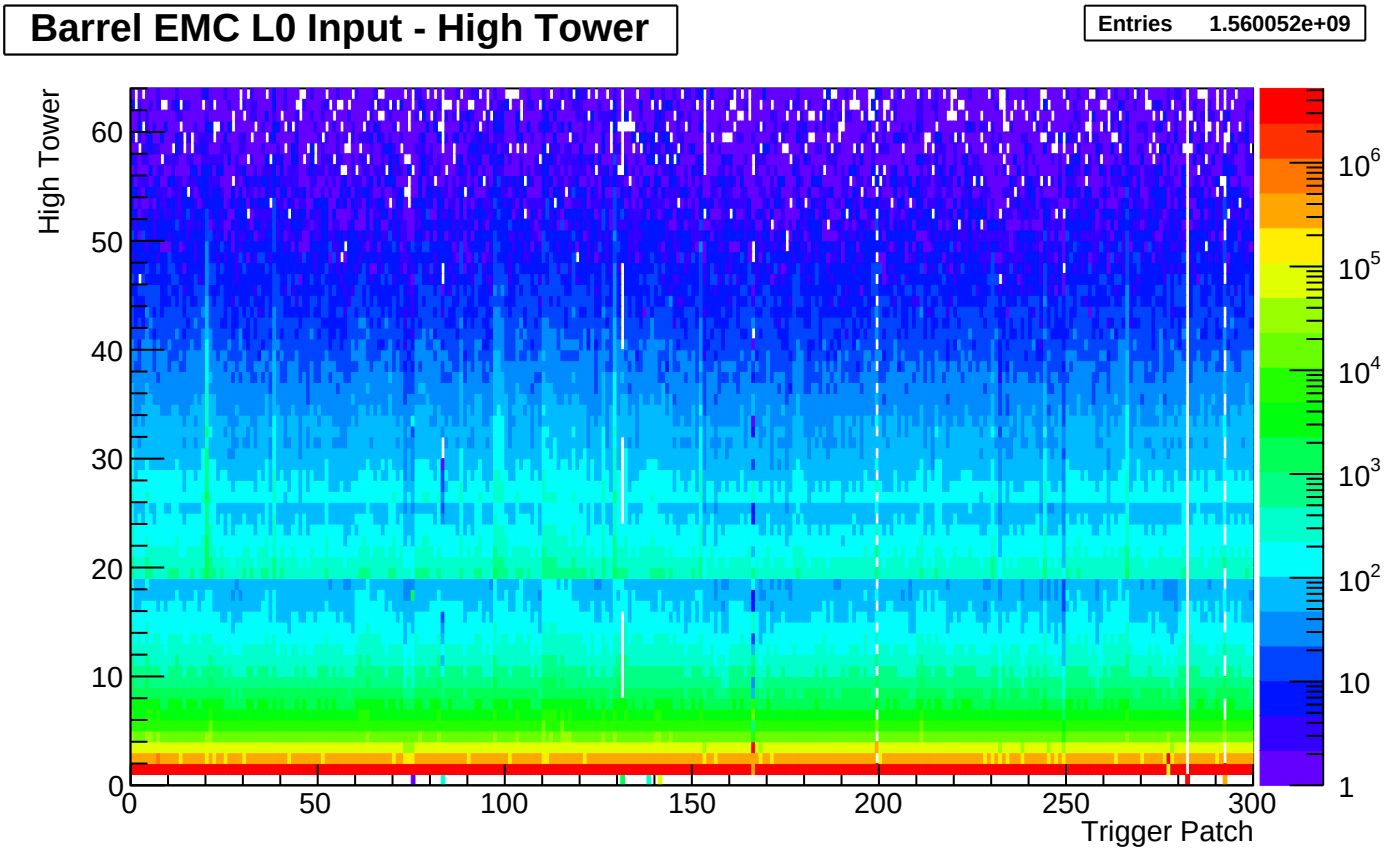
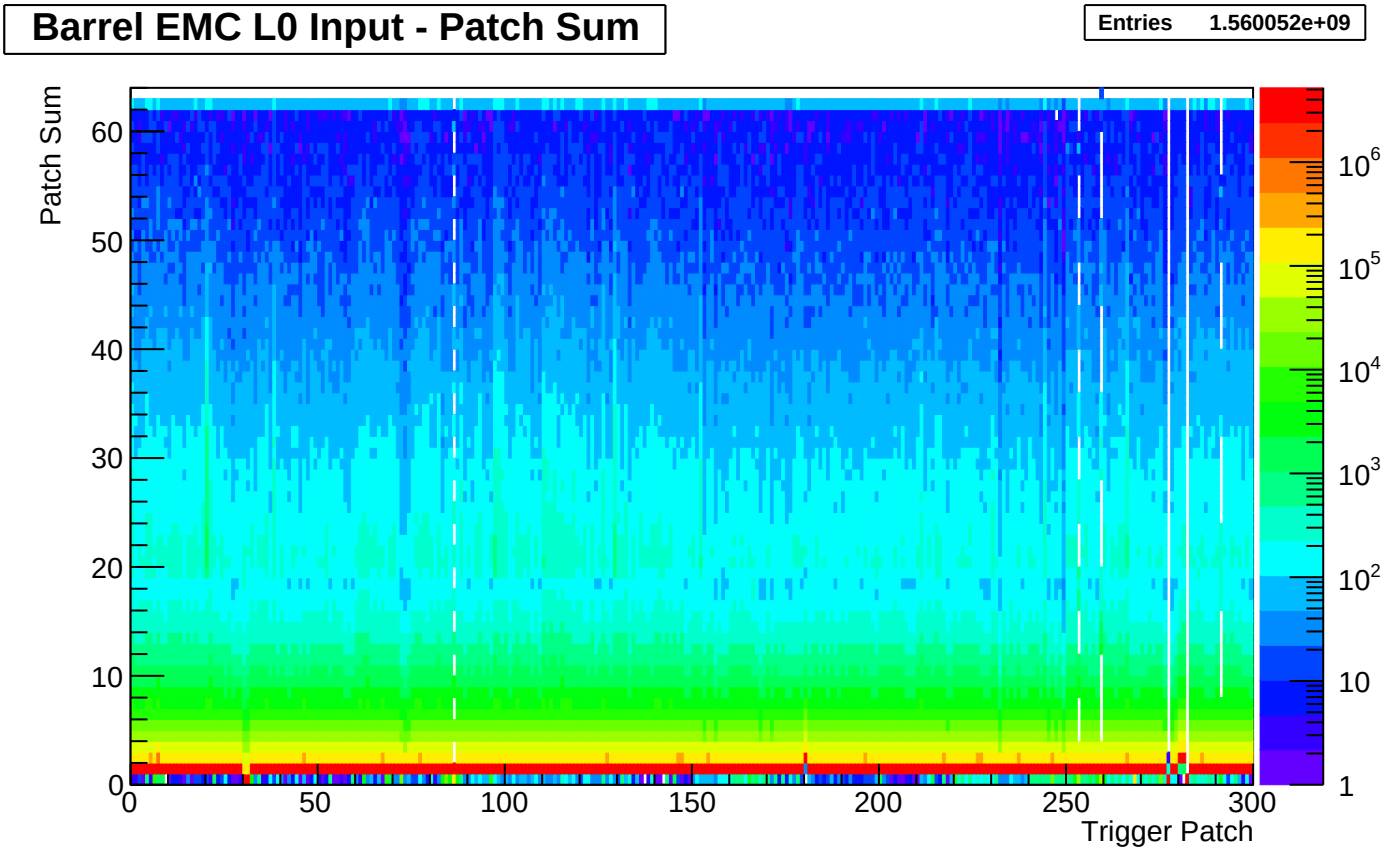
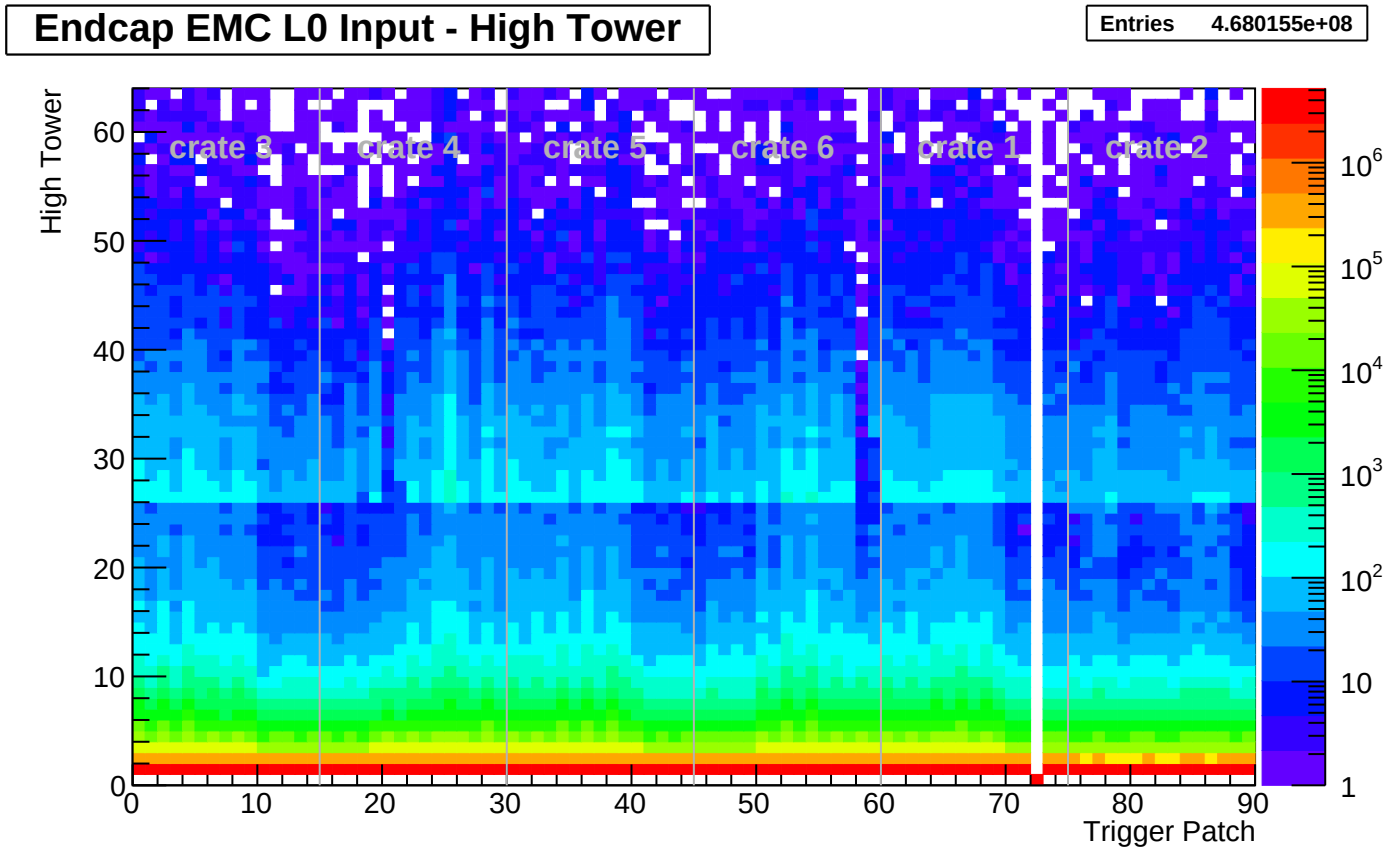
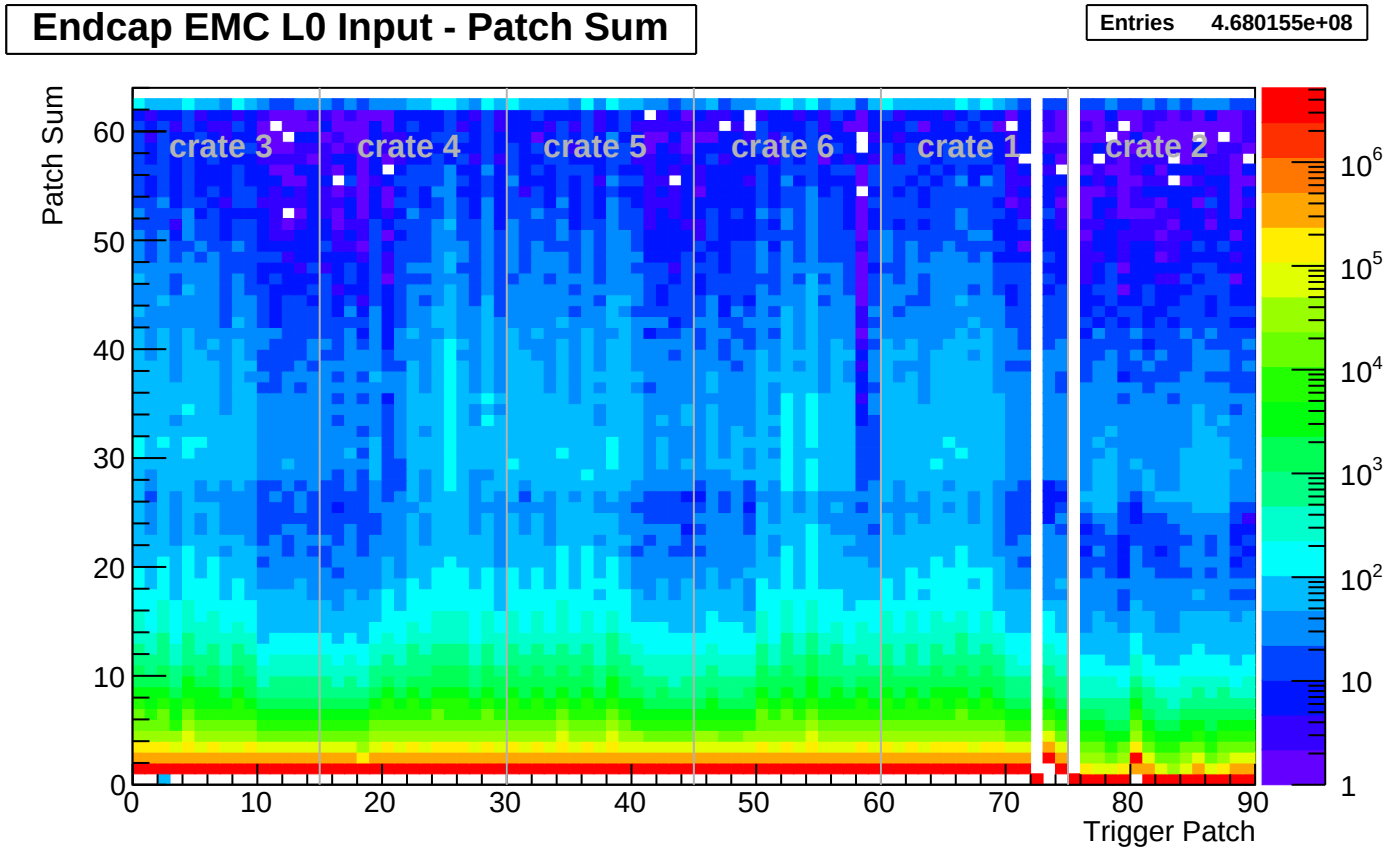
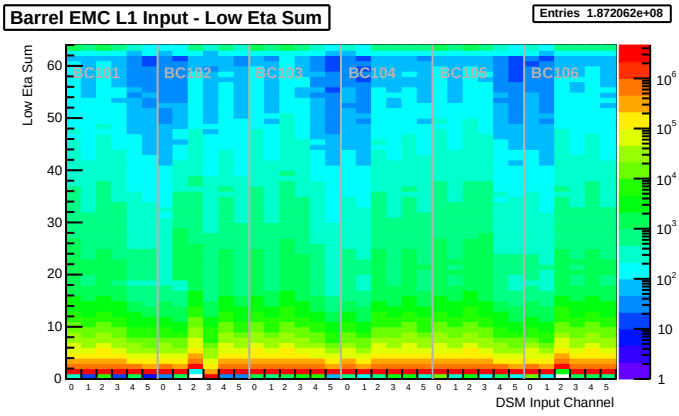
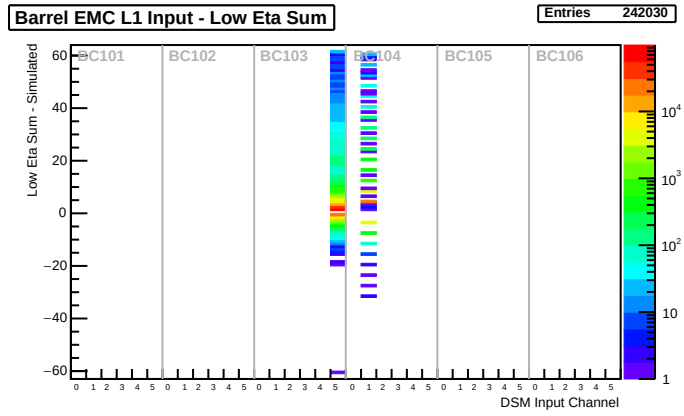

Barrel EMC L0 Input - High Tower
Entries 1.560052e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

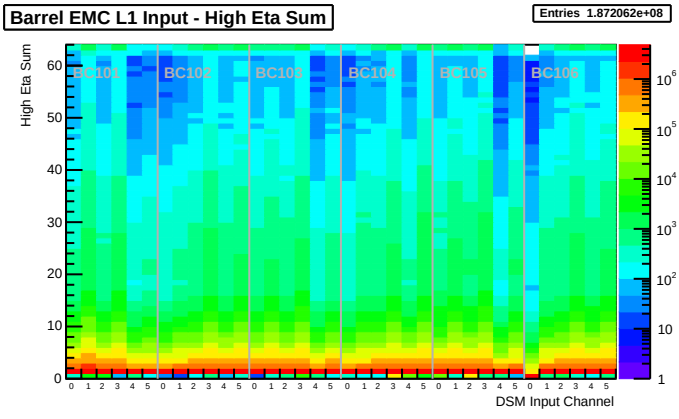

Barrel EMC L0 Input - Patch Sum
Entries 1.560052e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

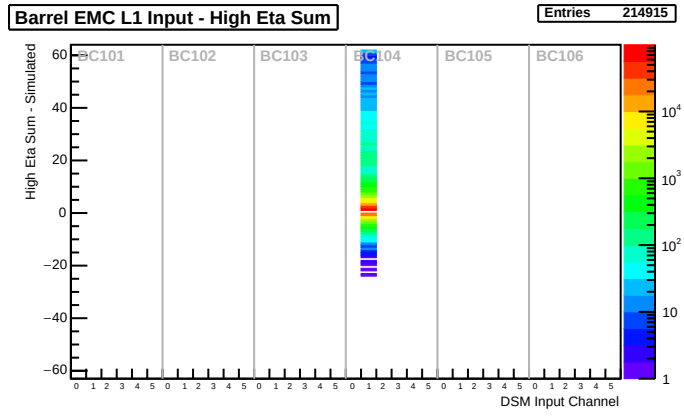

Endcap EMC L0 Input - High Tower
Entries 4.680155e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

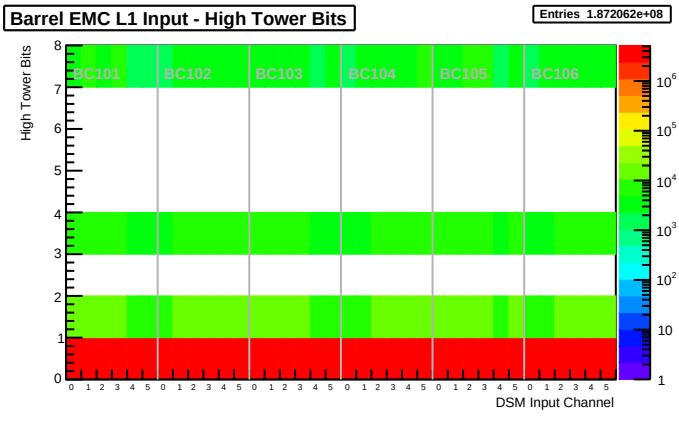

Endcap EMC L0 Input - Patch Sum
Entries 4.680155e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

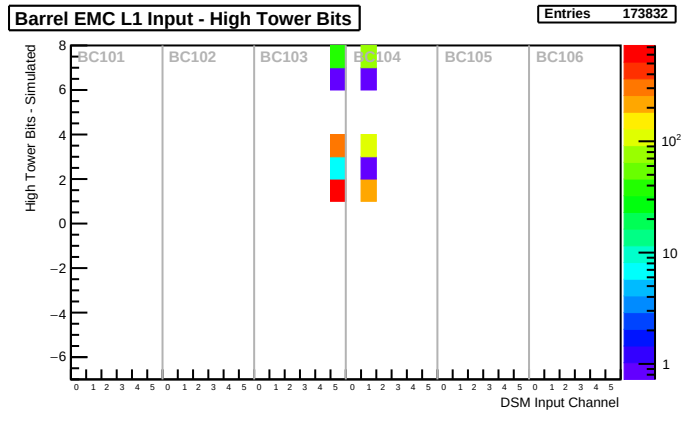

Barrel EMC L1 Input - Low Eta Sum
Entries 1.872062e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

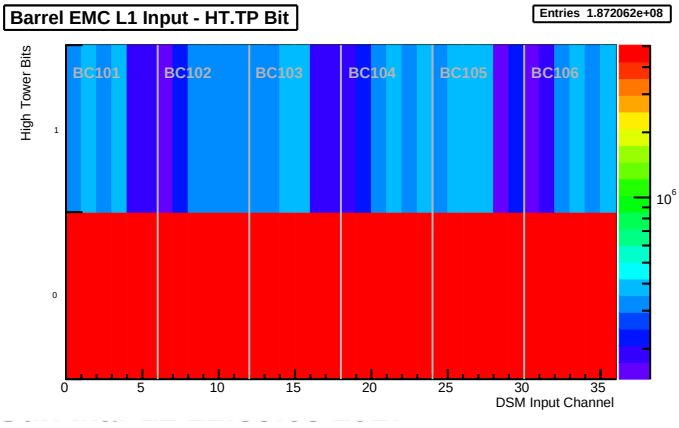

Barrel EMC L1 Input - Low Eta Sum
Entries 242030
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

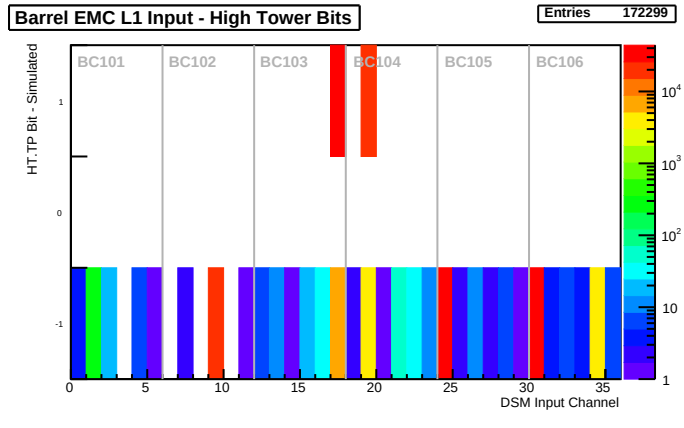

Barrel EMC L1 Input - High Eta Sum
Entries 1.872062e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

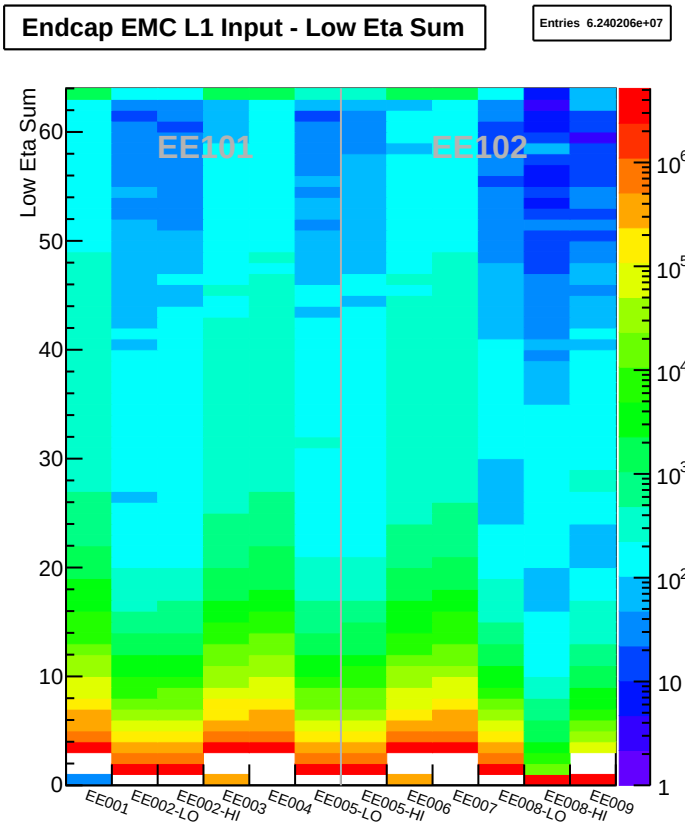

Barrel EMC L1 Input - High Eta Sum
Entries 214915
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

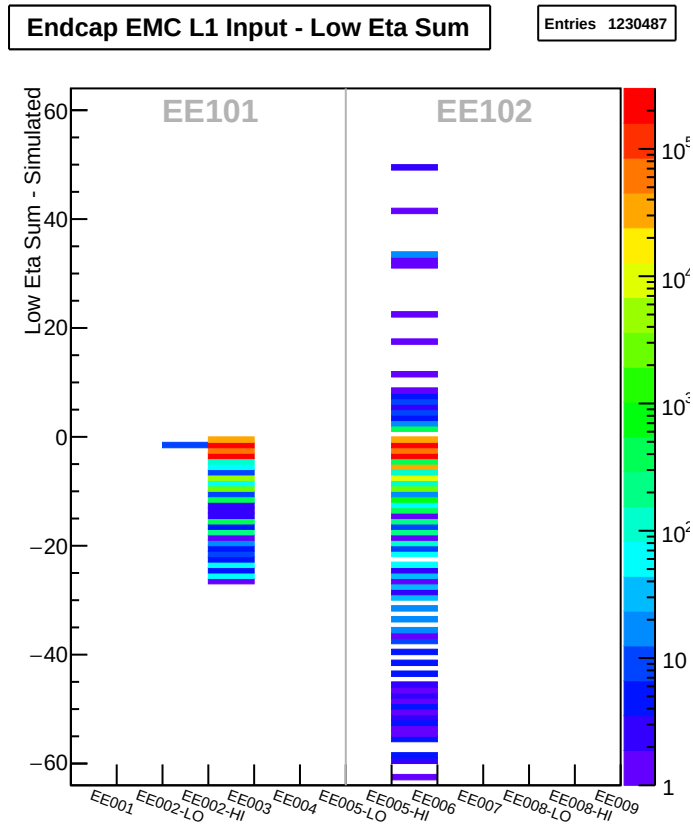

Barrel EMC L1 Input - High Tower Bits
Entries 1.872062e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

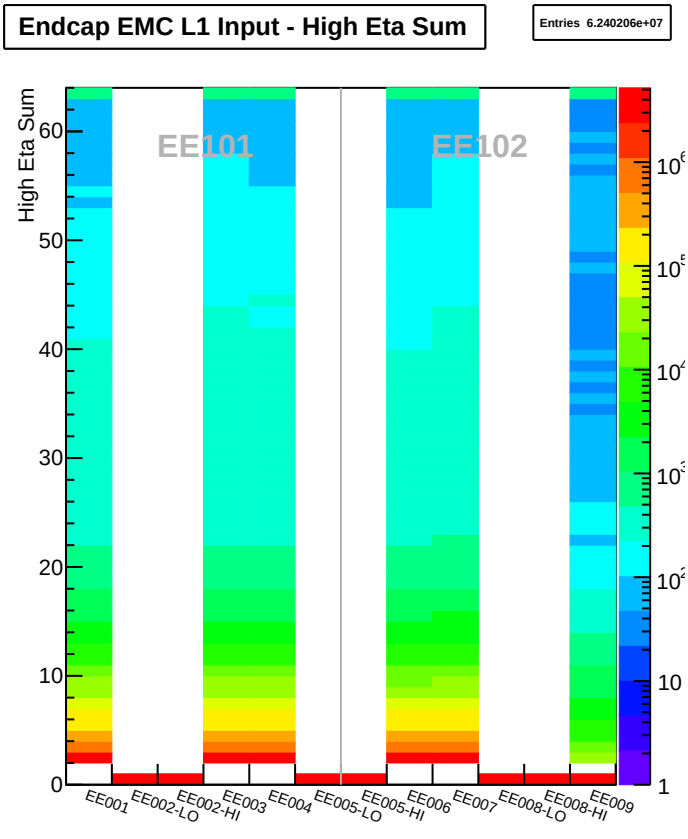

Barrel EMC L1 Input - High Tower Bits
Entries 173832
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

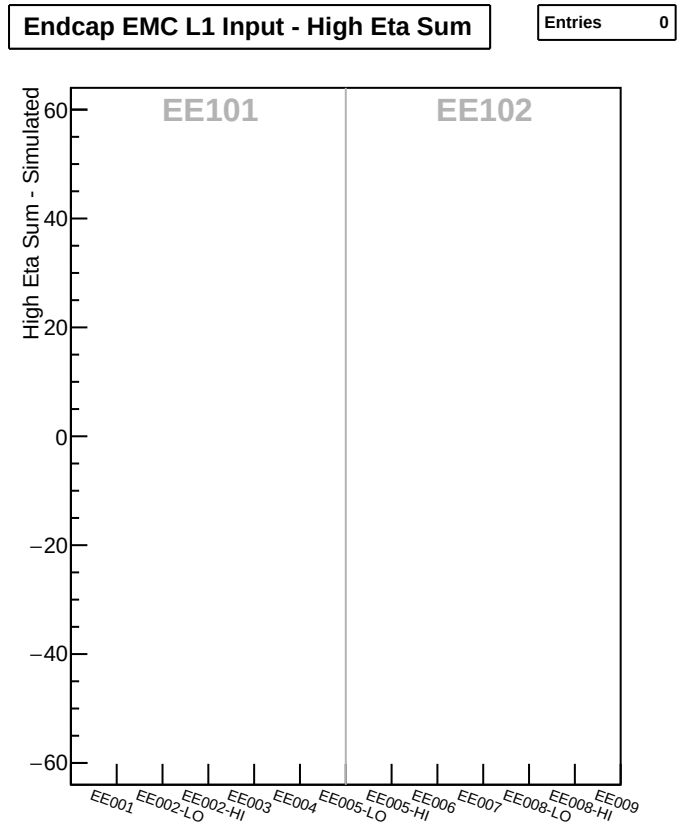

Barrel EMC L1 Input - HT.TP Bit
Entries 1.872062e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

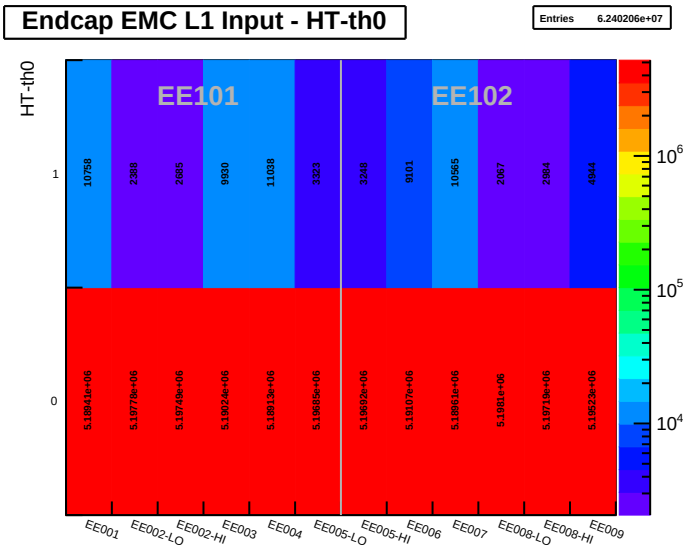

Barrel EMC L1 Input - High Tower Bits
Entries 172299
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

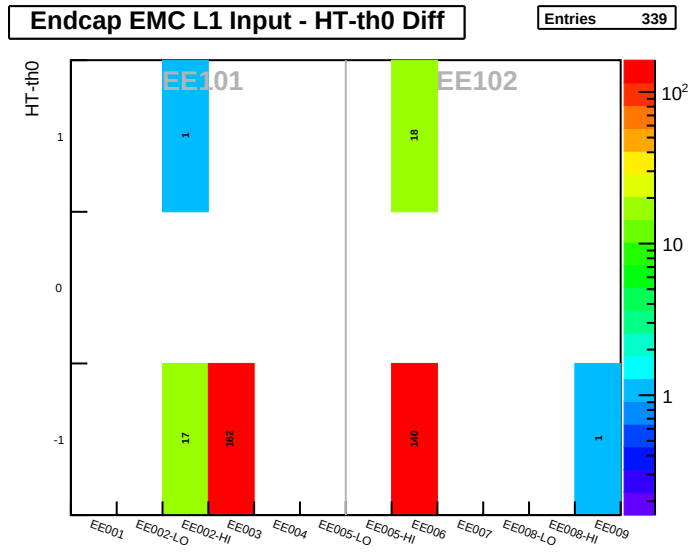

Endcap EMC L1 Input - Low Eta Sum
Entries 6.240206e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

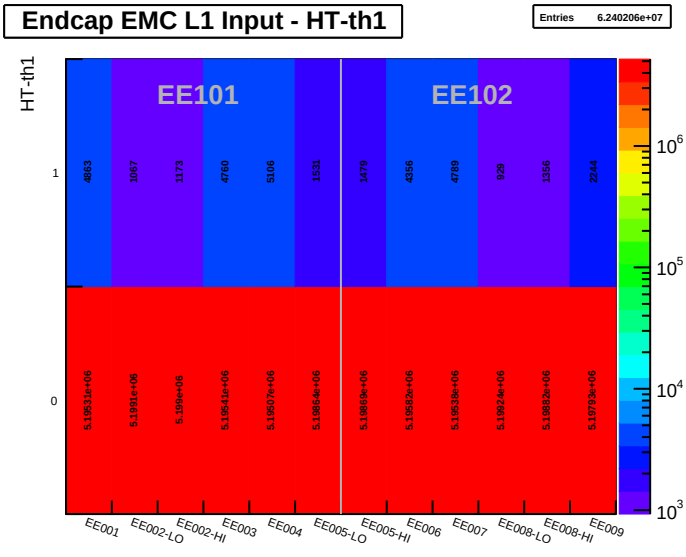

Endcap EMC L1 Input - Low Eta Sum
Entries 1230487
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

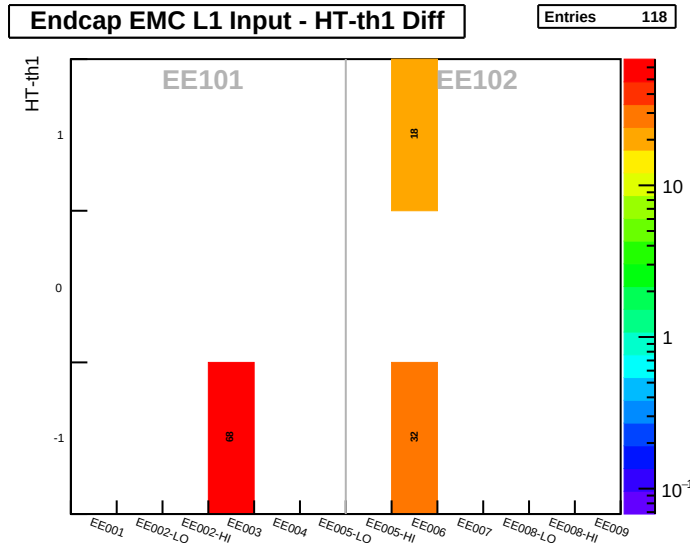

Endcap EMC L1 Input - High Eta Sum
Entries 6.240206e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

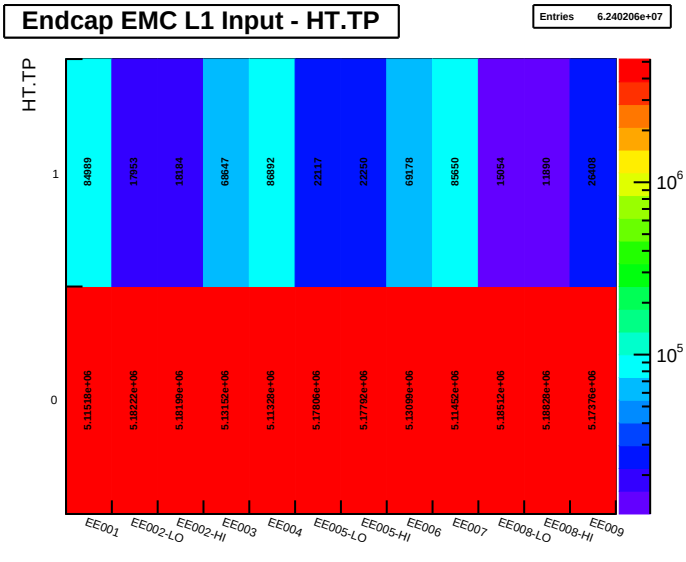

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

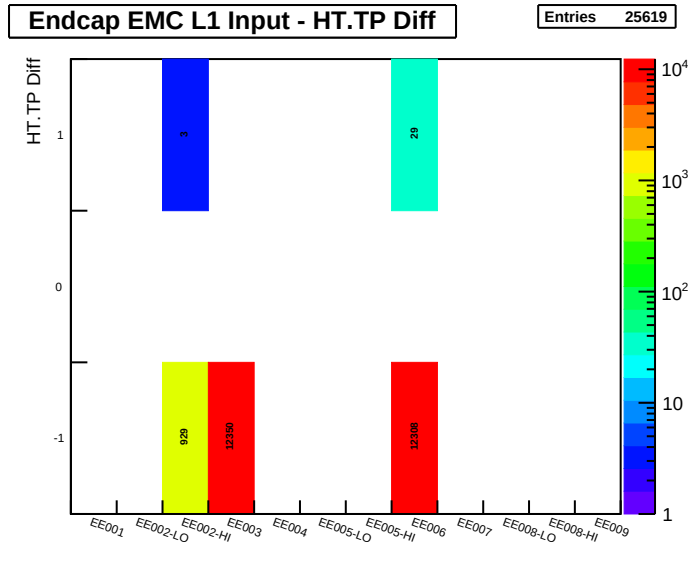

Endcap EMC L1 Input - HT-th0
Entries 6.240206e+07
HT-th0
EE101
EE102
10758 2388 2685 9930 11038 3323 3248 9101 10565 2067 2984 4944
5.18841e+06 5.19778e+06 5.19749e+06 5.19024e+06 5.18813e+06 5.19685e+06 5.19692e+06 5.19107e+06 5.18961e+06 5.1921e+06 5.19719e+06 5.19523e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

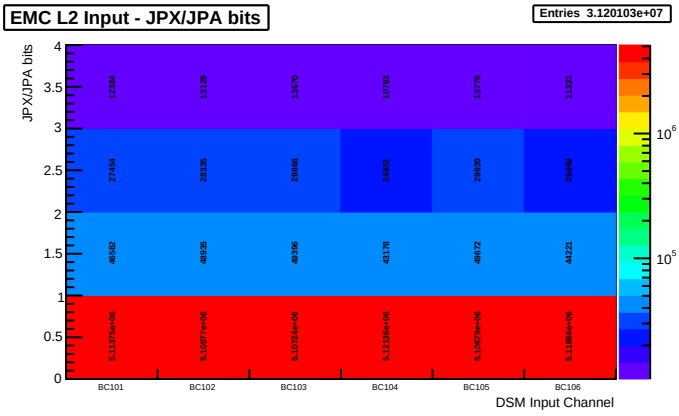

Endcap EMC L1 Input - HT-th0 Diff
Entries 339
HT-th0
EE101
EE102
1 18
17 162 140 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

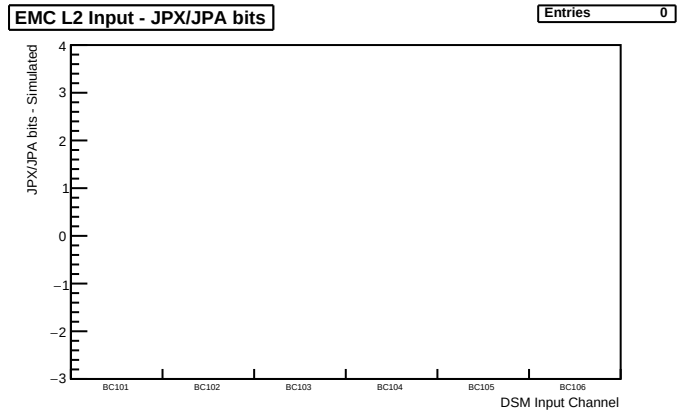

Endcap EMC L1 Input - HT-th1
Entries 6.240206e+07
HT-th1
EE101
EE102
4863 1067 1173 4760 5106 1531 1479 4356 4789 929 1356 2244
5.19531e+06 5.1991e+06 5.192e+06 5.19541e+06 5.19507e+06 5.19864e+06 5.19869e+06 5.19592e+06 5.19539e+06 5.19924e+06 5.19882e+06 5.19793e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

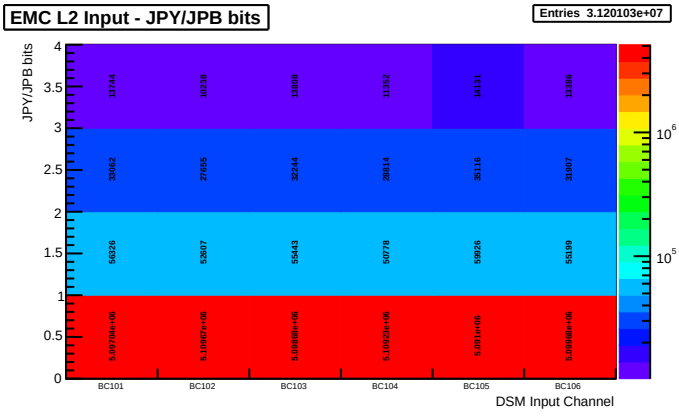

Endcap EMC L1 Input - HT-th1 Diff
Entries 118
HT-th1
EE101
EE102
18
68 32
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

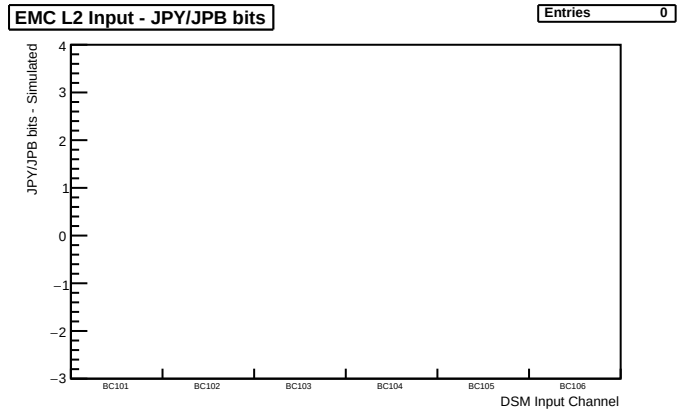

Endcap EMC L1 Input - HT.TP
Entries 6.240206e+07
HT.TP
84989 17953 18184 68647 86892 22117 22250 69178 85550 15054 11990 26408
5.11518e+06 5.18222e+06 5.18190e+06 5.13152e+06 5.11328e+06 5.17806e+06 5.17792e+06 5.13098e+06 5.11452e+06 5.18512e+06 5.18828e+06 5.17376e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

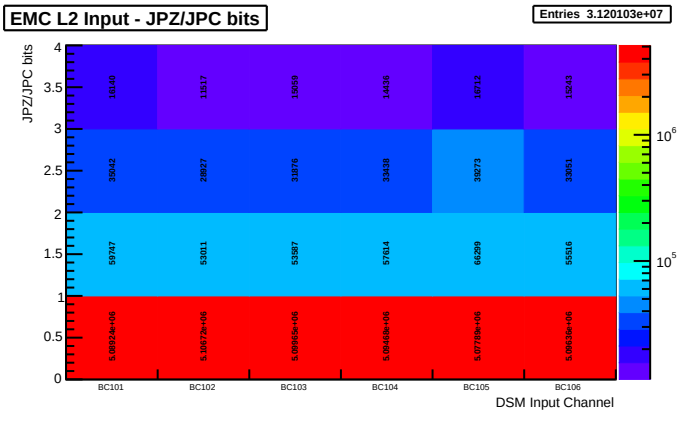

Endcap EMC L1 Input - HT.TP Diff
Entries 25619
HT.TP Diff
3 29
929 12350 12308
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

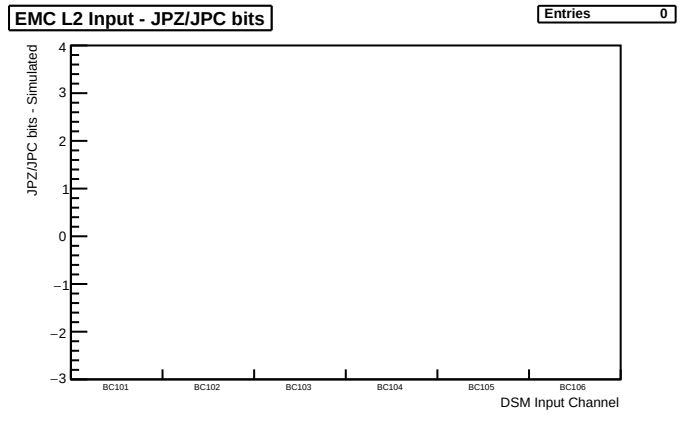

EMC L2 Input - JPX/JPA bits
Entries 3.120103e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12384
13129
13670
10783
13775
11321
27454
28335
28868
24851
29939
25969
46382
49935
49936
43178
49672
44221
5.11375e+06
5.10977e+06
5.10724e+06
5.12156e+06
5.10679e+06
5.11865e+06

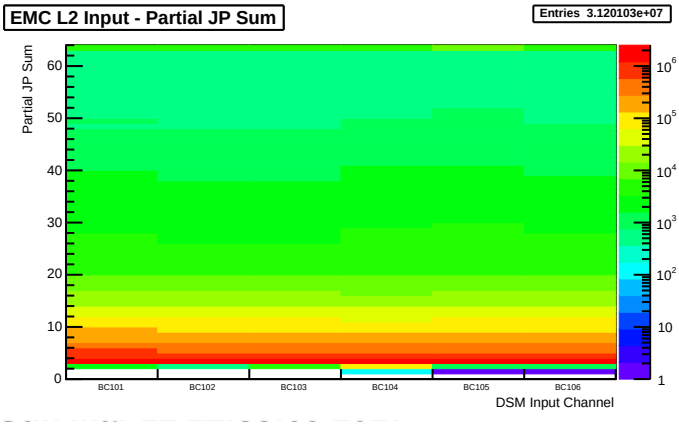

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

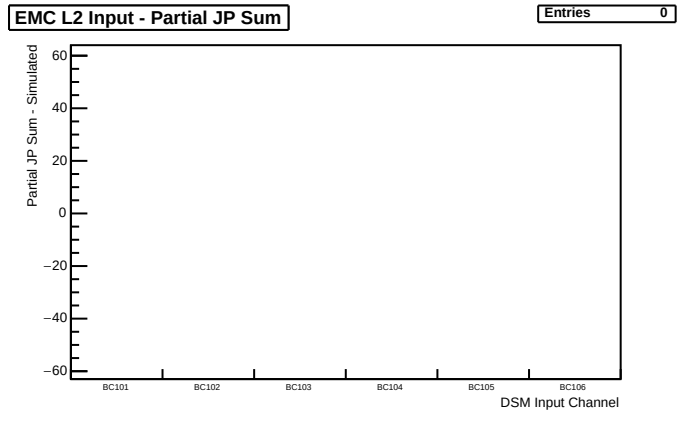

EMC L2 Input - JPY/JPB bits
Entries 3.120103e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12744
10238
13808
11552
10131
13386
33062
27655
32244
28314
35116
31907
56326
52607
55443
50778
59926
55199
5.09704e+06
5.10967e+06
5.09688e+06
5.10323e+06
5.0931e+06
5.09888e+06

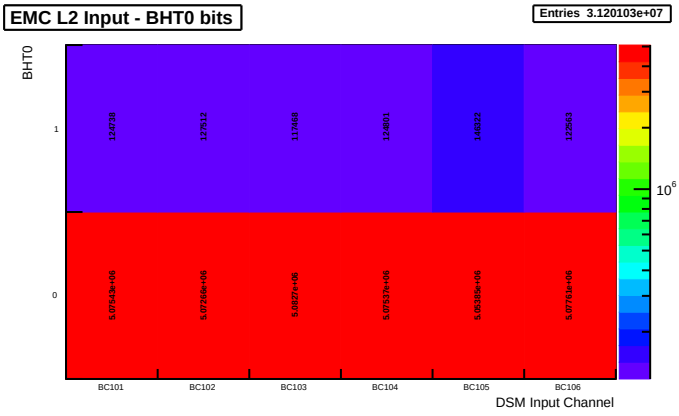

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

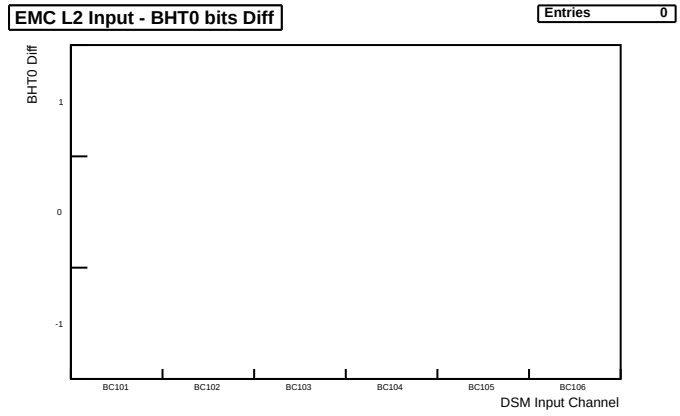

EMC L2 Input - JPZ/JPC bits
Entries 3.120103e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
16140
11517
15659
14436
16712
15243
30942
28927
31876
33438
39273
33951
59747
53011
53987
57614
66299
55516
5.08924e+06
5.06720e+06
5.09955e+06
5.09469e+06
5.07739e+06
5.06539e+06

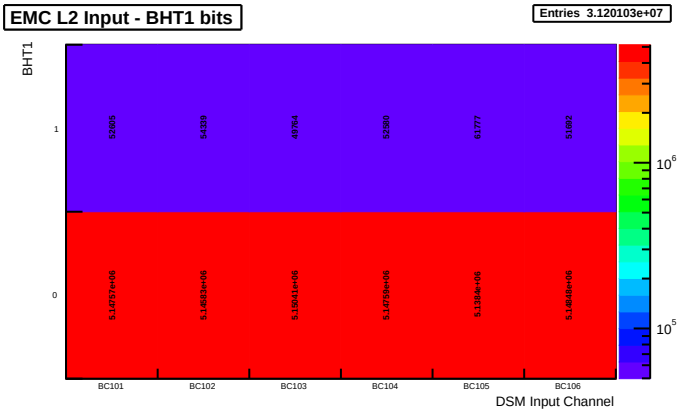

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

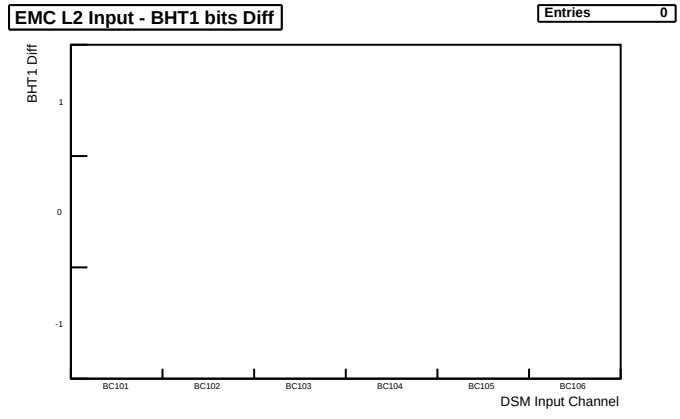

EMC L2 Input - Partial JP Sum
Entries 3.120103e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

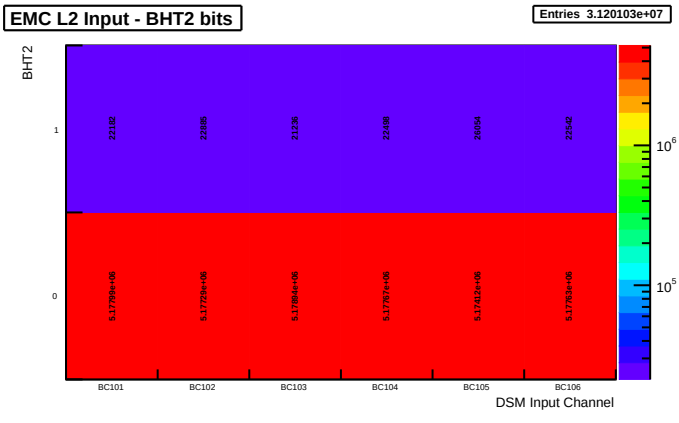

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

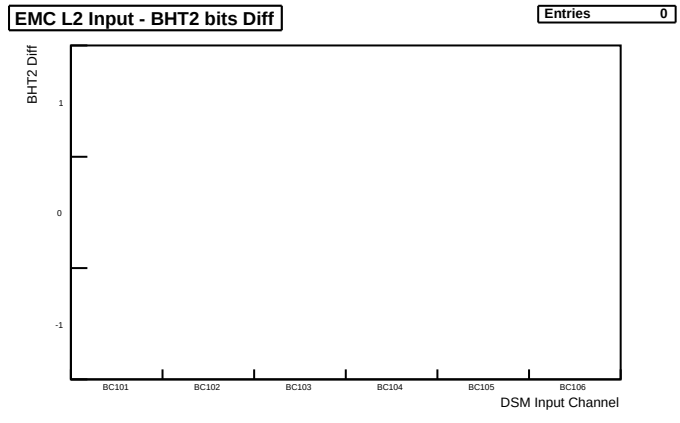

EMC L2 Input - BHT0 bits
Entries 3.120103e+07
BHT0
124738
127512
117488
124601
146322
122563
5.07543e+06
5.07256e+06
5.08027e+06
5.07537e+06
5.05385e+06
5.07761e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

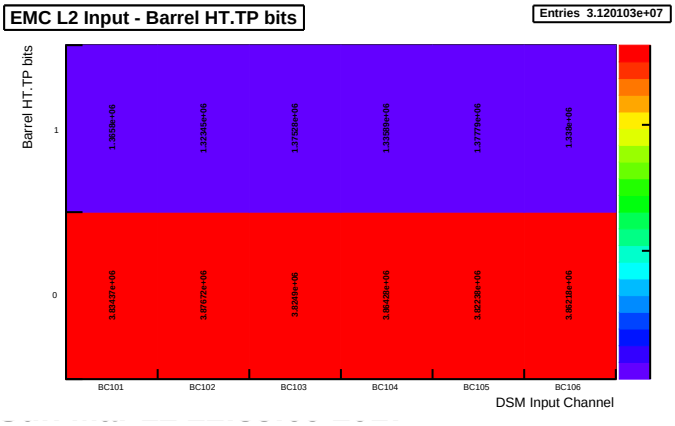

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

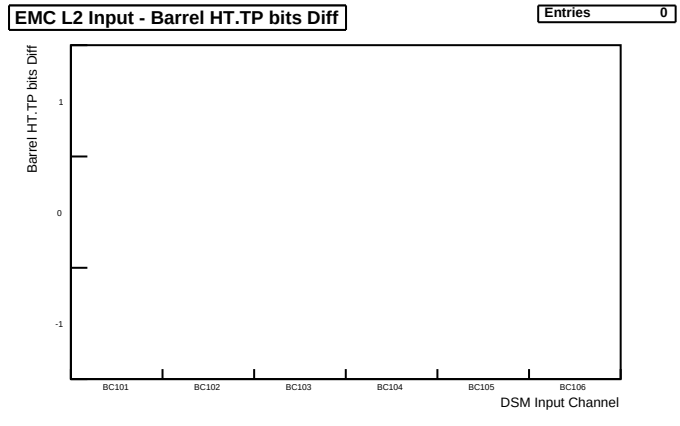

EMC L2 Input - BHT1 bits
Entries 3.120103e+07
BHT1
52605
54339
49764
52280
61777
51692
5.14797e+06
5.14583e+06
5.15041e+06
5.14759e+06
5.13344e+06
5.14649e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

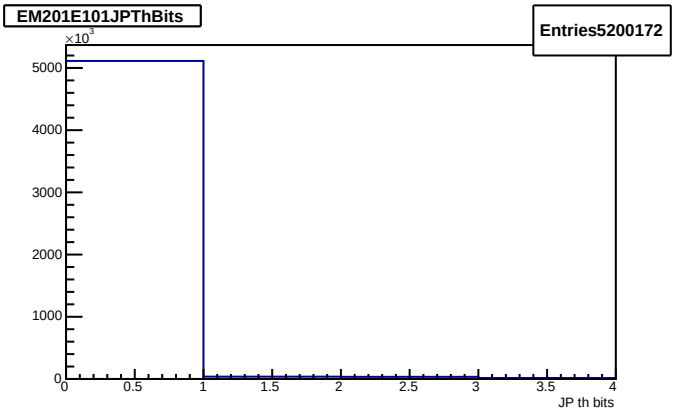

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

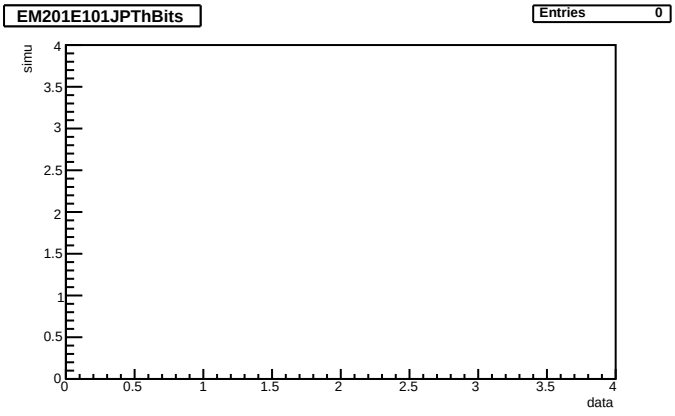

EMC L2 Input - BHT2 bits
Entries 3.120103e+07
BHT2
22182
22385
21136
22498
26954
22542
5.17799e+06
5.17729e+06
5.17894e+06
5.17787e+06
5.17412e+06
5.17763e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

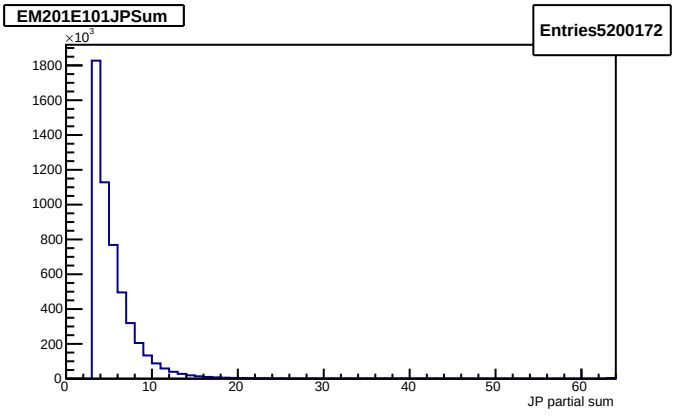

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

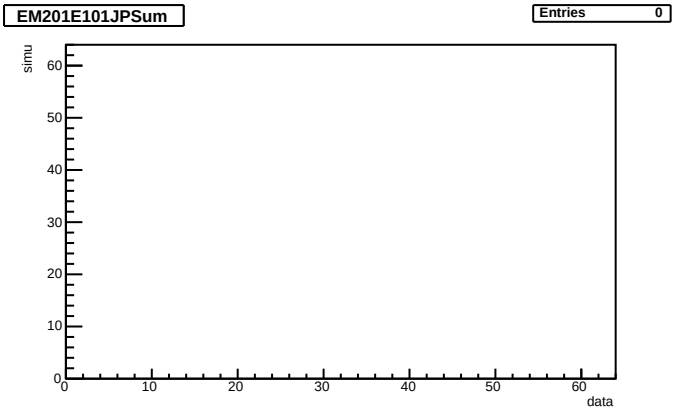

EMC L2 Input - Barrel HT.TP bits
Entries 3.120103e+07
Barrel HT.TP bits
1.36598e+06
1.32345e+06
1.37528e+06
1.33598e+06
1.37779e+06
1.339e+06
3.83437e+06
3.87672e+06
3.82349e+06
3.86428e+06
3.82238e+06
3.86218e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

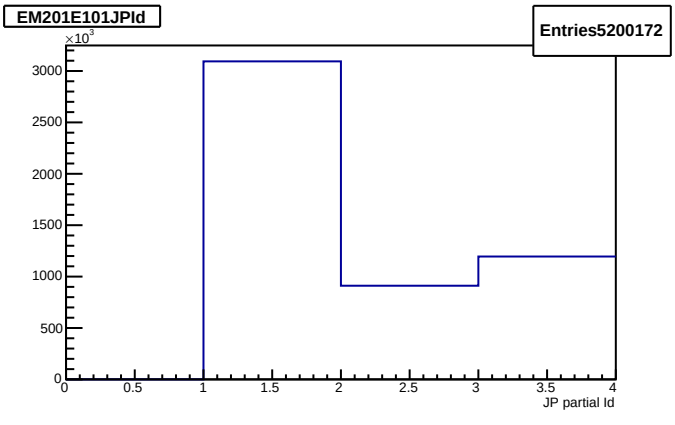

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

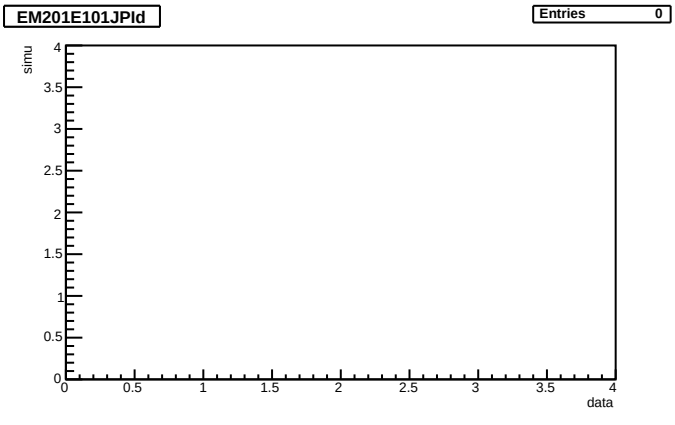

EM201E101JPThBits
Entries5200172
×10^3
JP th bits

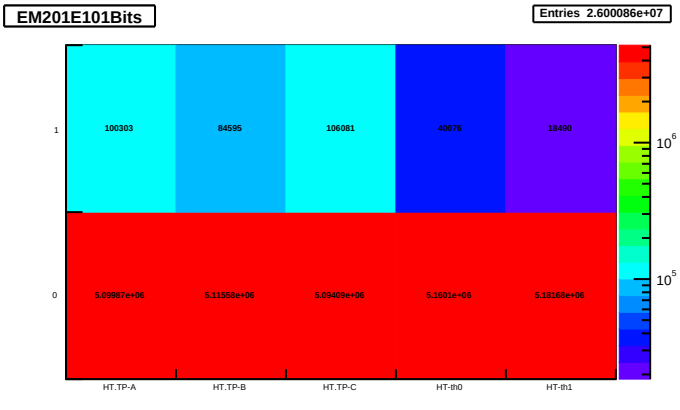

EM201E101JPThBits
Entries 0
simu
data

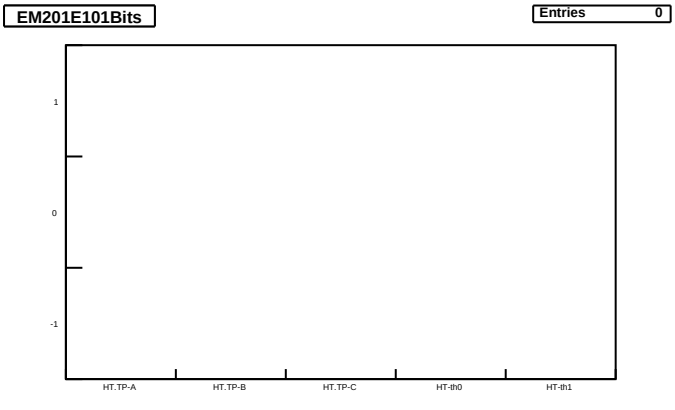

EM201E101JPSum
Entries5200172
×10^3
JP partial sum

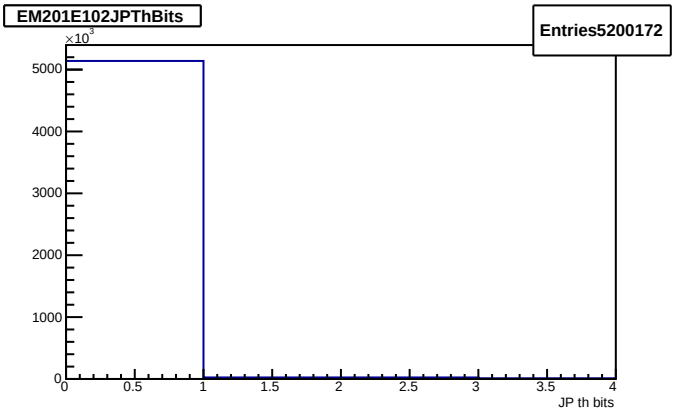

EM201E101JPSum
Entries 0
simu
data

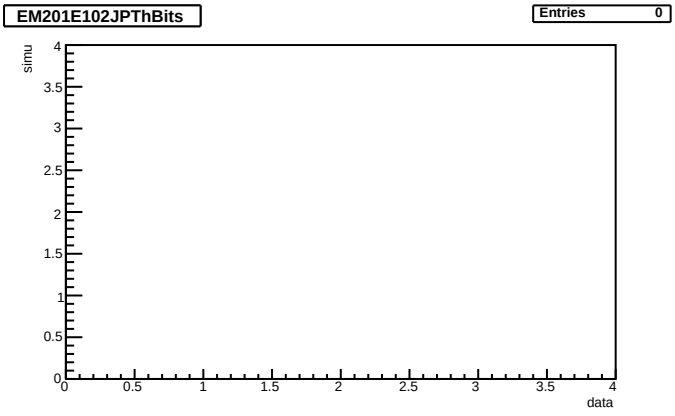

EM201E101JPId
Entries5200172
×10^3
JP partial Id

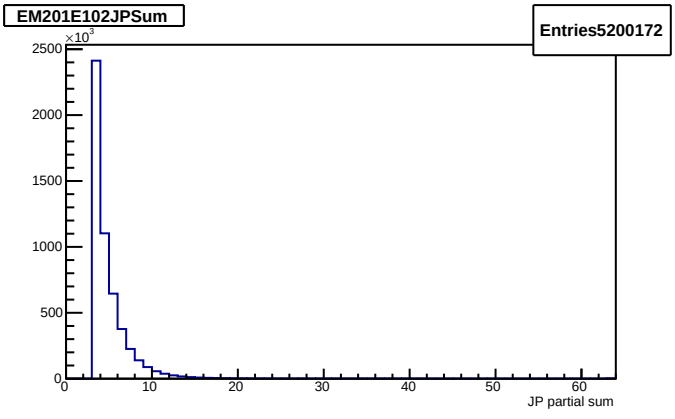

EM201E101JPId
Entries 0
simu
data

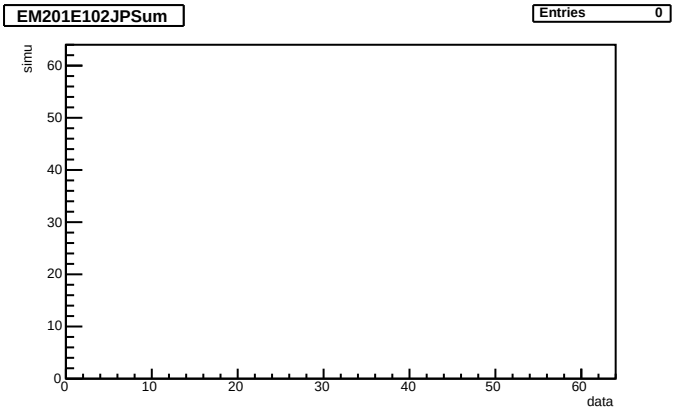

EM201E101Bits
Entries 2.600086e+07
100303
84595
106081
40076
18490
5.09987e+06
5.11558e+06
5.09409e+06
5.1601e+06
5.18168e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

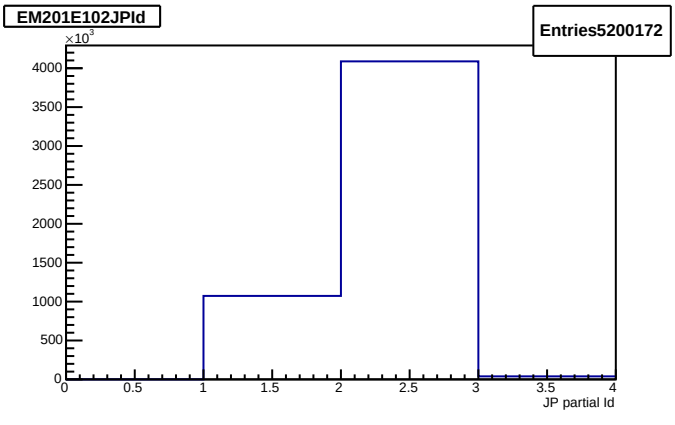

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

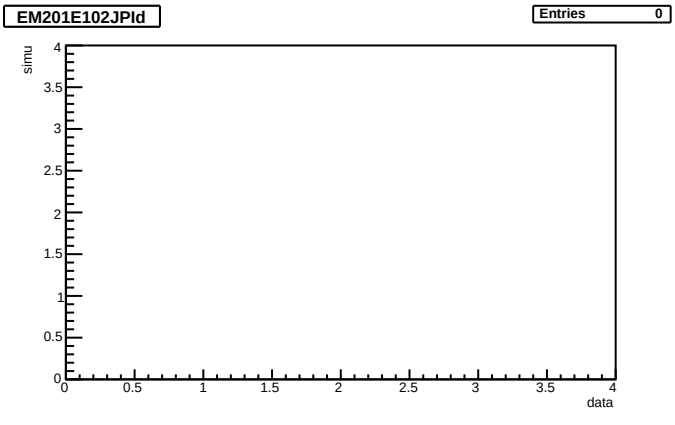

EM201E102JPThBits
Entries5200172
×10^3
JP th bits

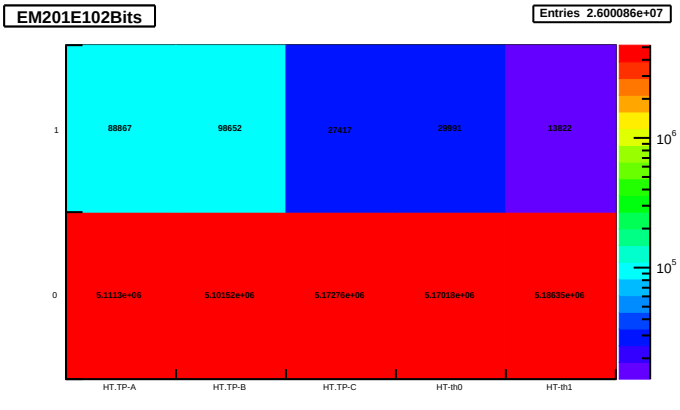

EM201E102JPThBits
Entries 0
simu
data

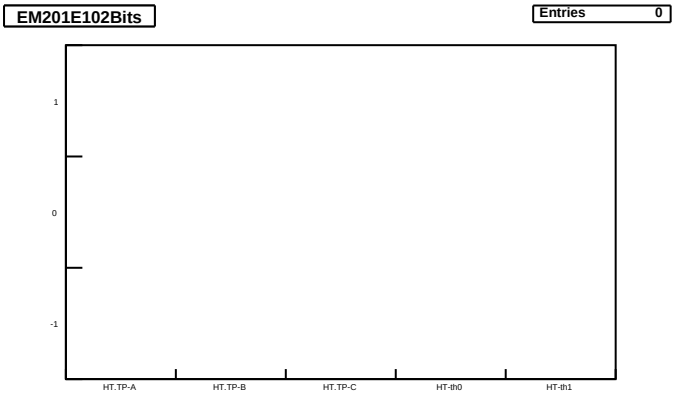

EM201E102JPSum
Entries5200172
×10^3
JP partial sum

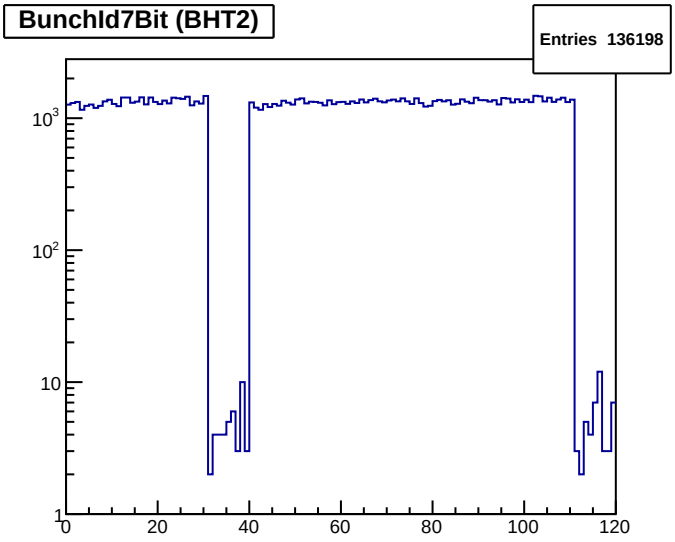

EM201E102JPSum
Entries 0
simu
data

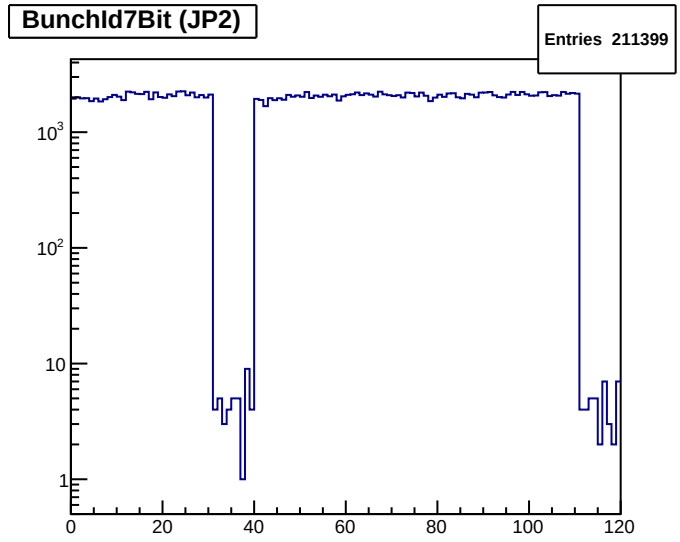

EM201E102JPId
Entries5200172
×10^3
JP partial Id

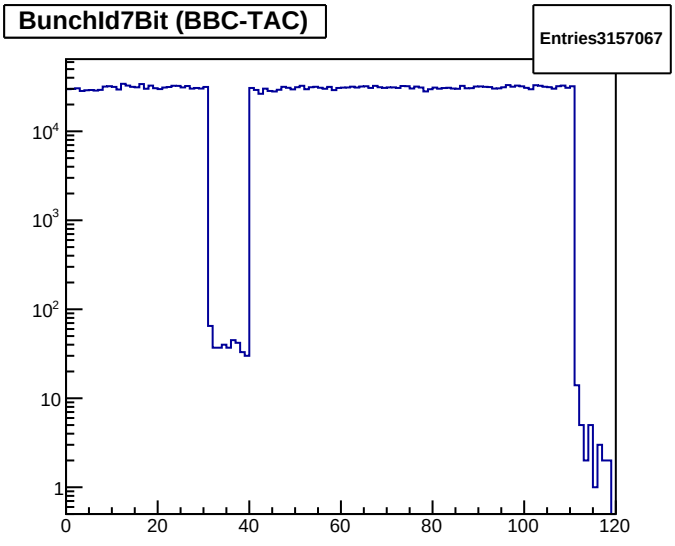

EM201E102JPId
Entries 0
simu
data

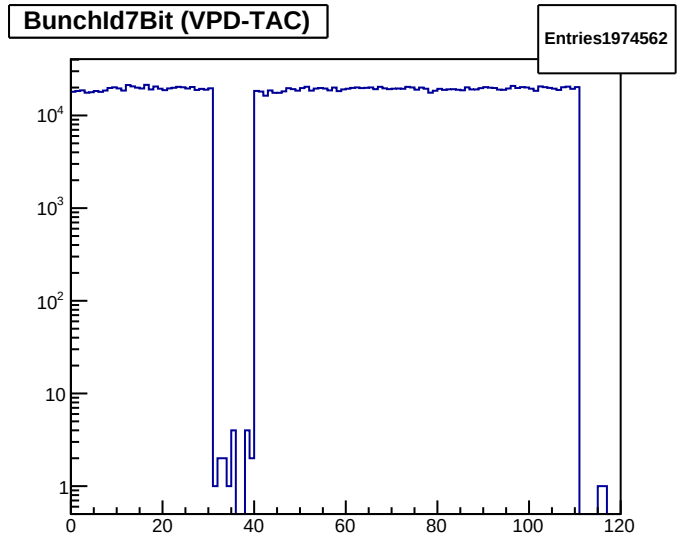

EM201E102Bits
Entries 2.600086e+07
88867
98652
27417
29991
13822
5.1113e+06
5.10152e+06
5.17276e+06
5.17018e+06
5.18635e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

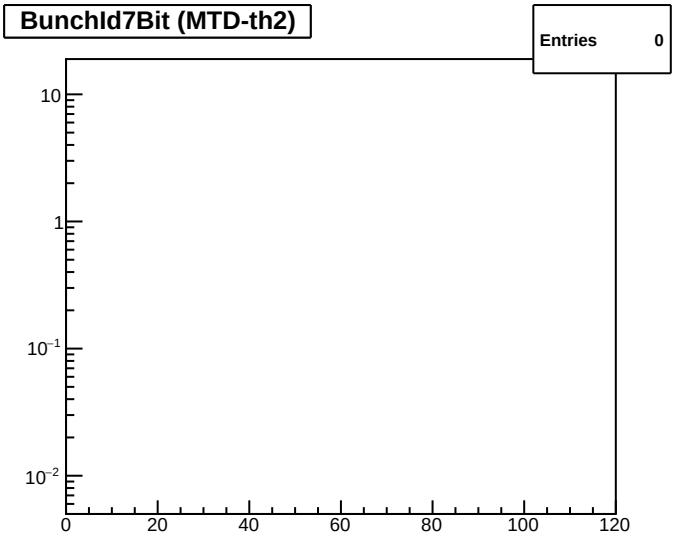

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

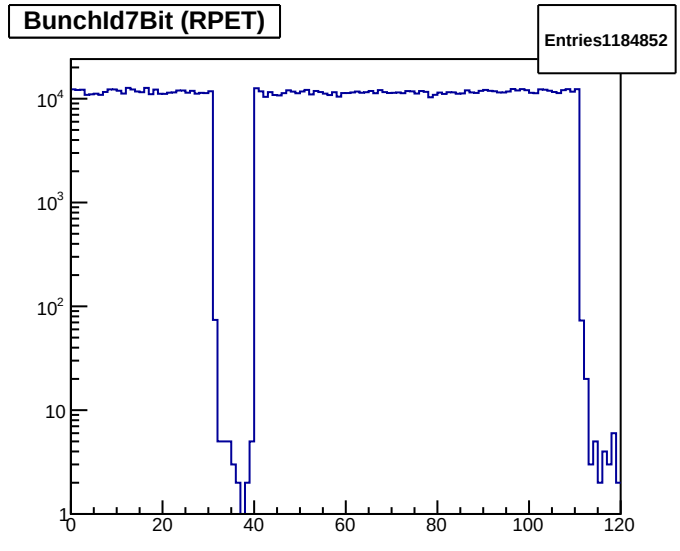

BunchId7Bit (BHT2)
Entries 136198

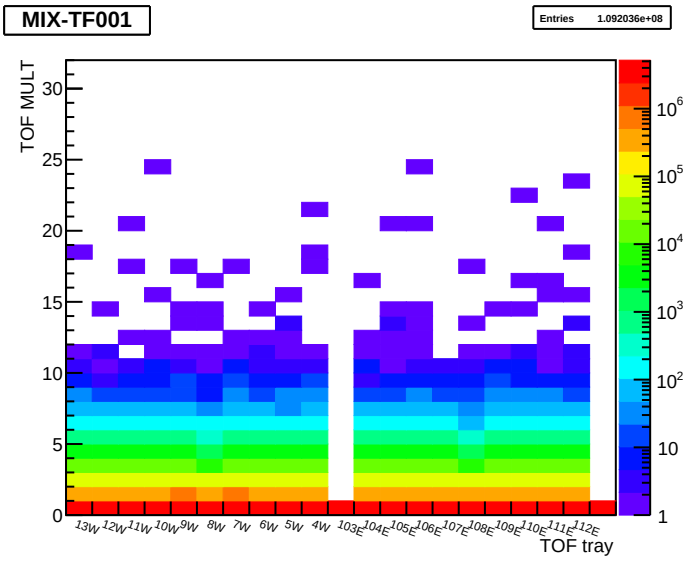

BunchId7Bit (JP2)
Entries 211399

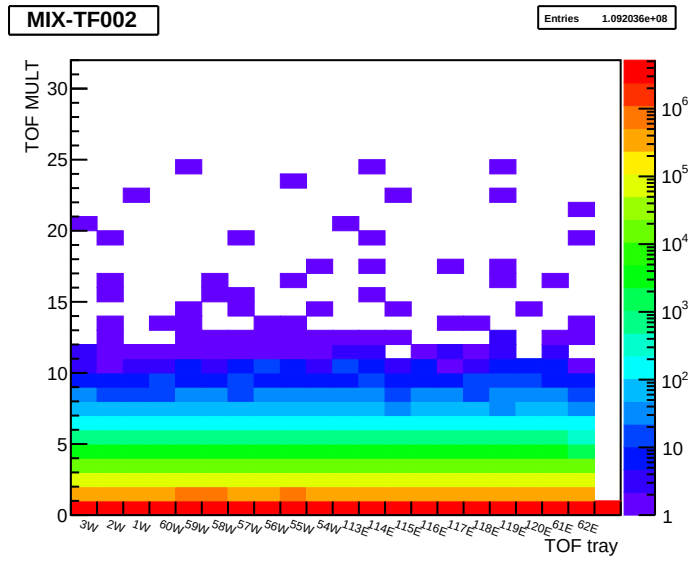

BunchId7Bit (BBC-TAC)
Entries3157067

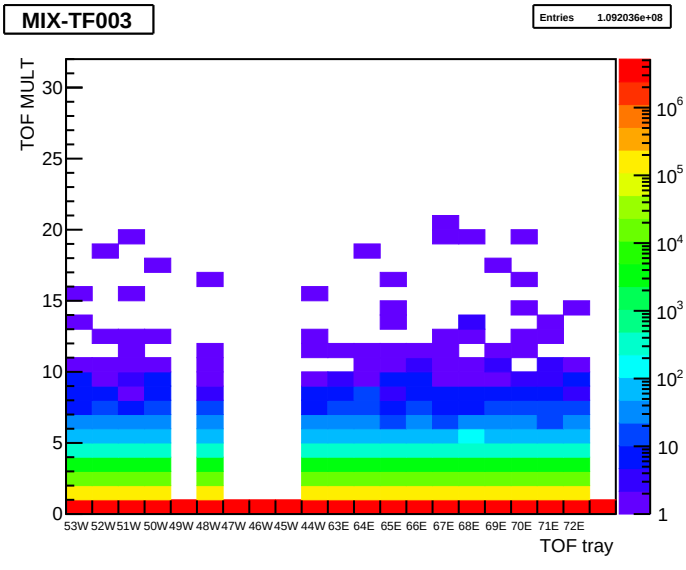

BunchId7Bit (VPD-TAC)
Entries1974562

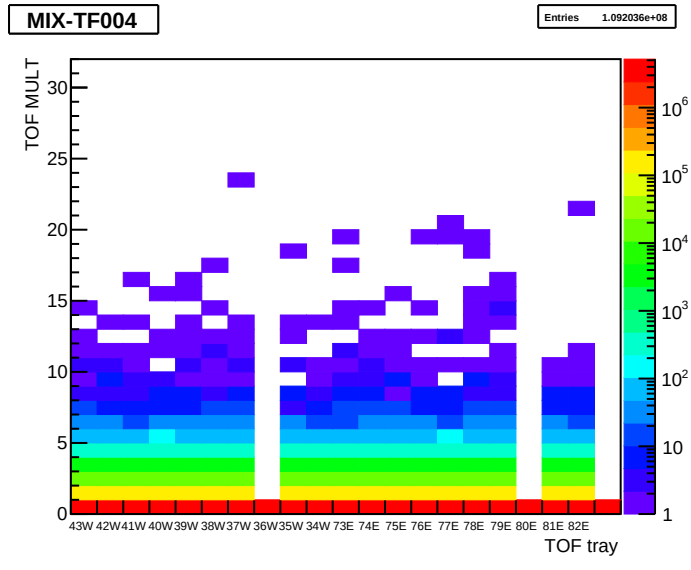

BunchId7Bit (MTD-th2)
Entries 0

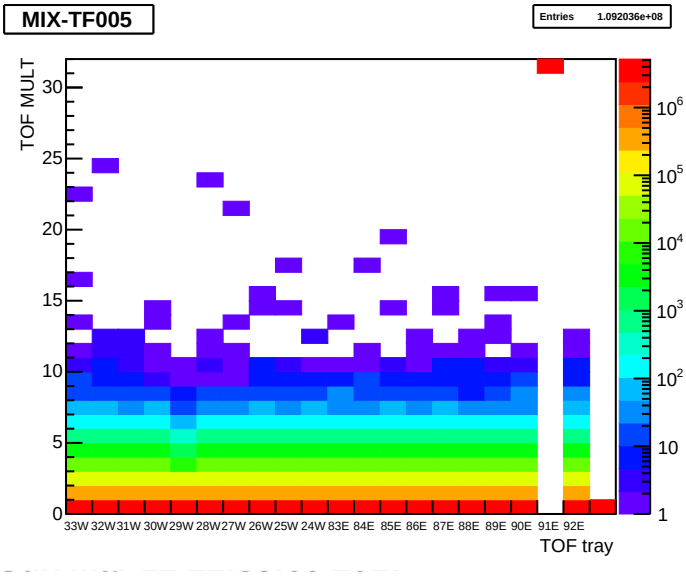

BunchId7Bit (RPET)
Entries1184852

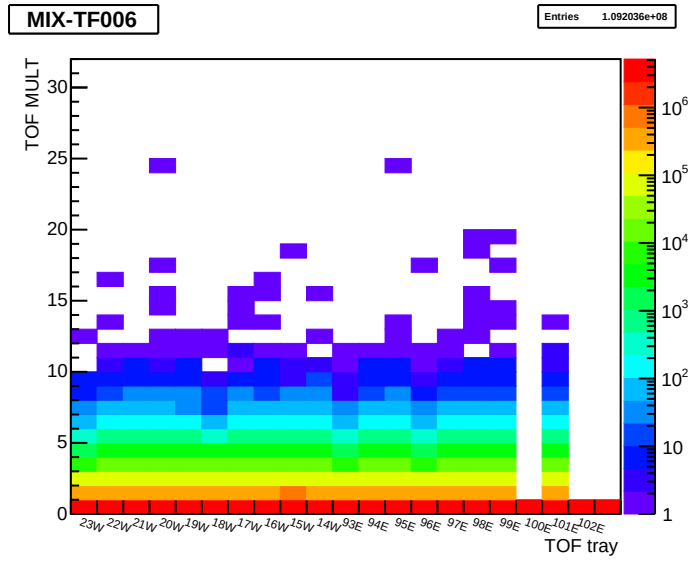

MIX-TF001
Entries 1.092036e+08
TOF MULT
TOF tray

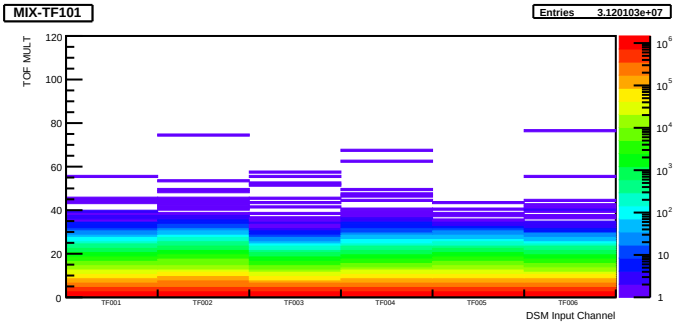

MIX-TF002
Entries 1.092036e+08
TOF MULT
TOF tray

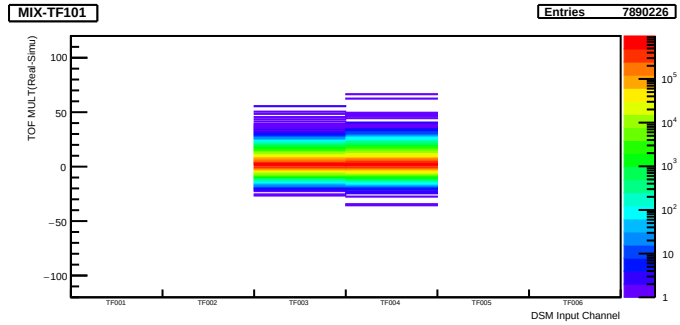

MIX-TF003
Entries 1.092036e+08
TOF MULT
TOF tray

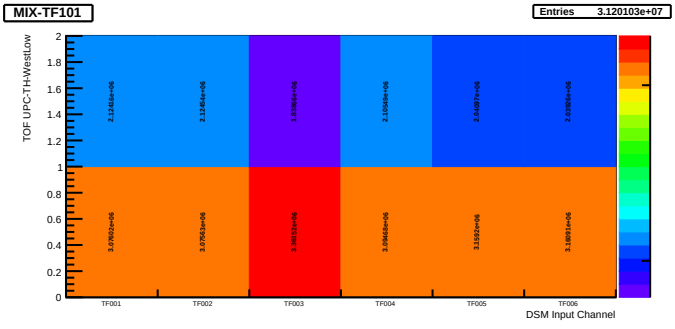

MIX-TF004
Entries 1.092036e+08
TOF MULT
TOF tray

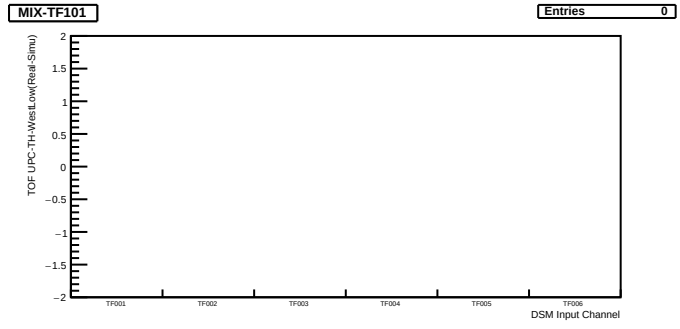

MIX-TF005
Entries 1.092036e+08
TOF MULT
TOF tray

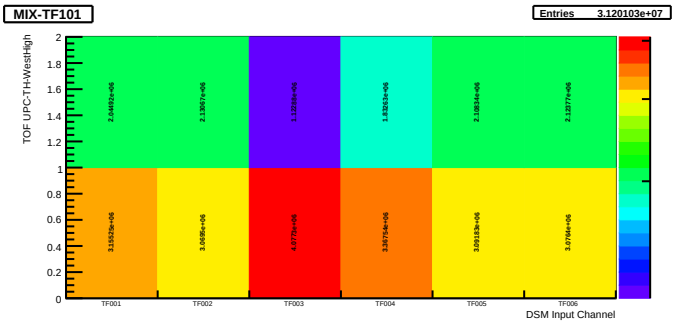

MIX-TF006
Entries 1.092036e+08
TOF MULT
TOF tray

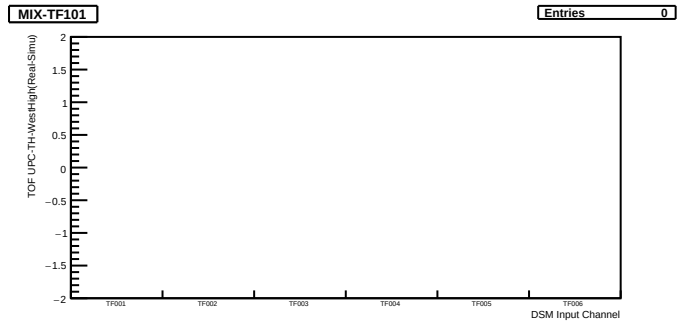

MIX-TF101
Entries 3.120103e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

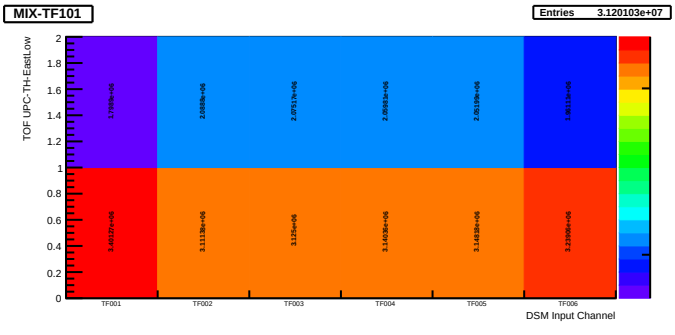

MIX-TF101
Entries 7890226
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

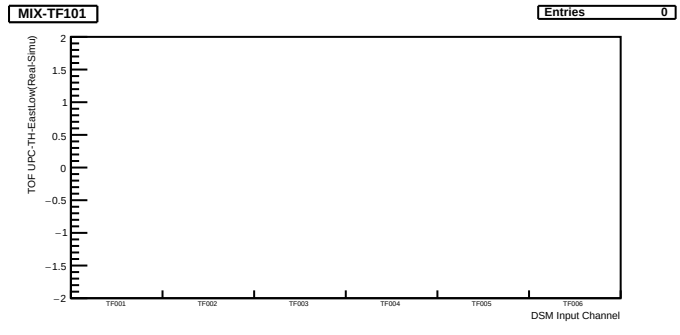

MIX-TF101
Entries 3.120103e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

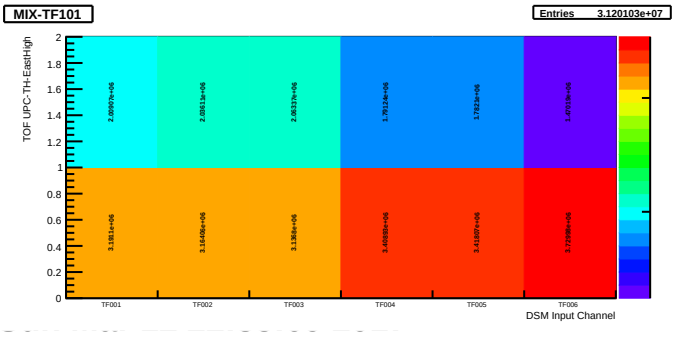

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

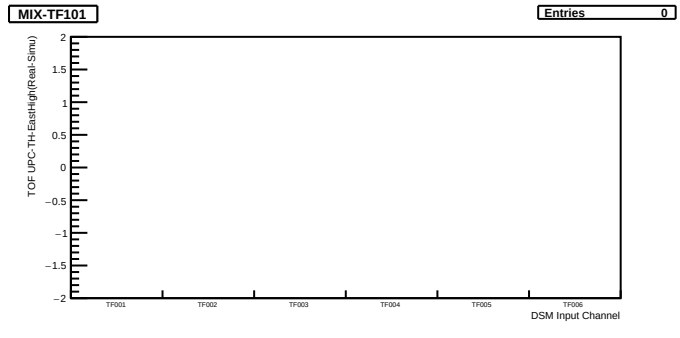

MIX-TF101
Entries 3.120103e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

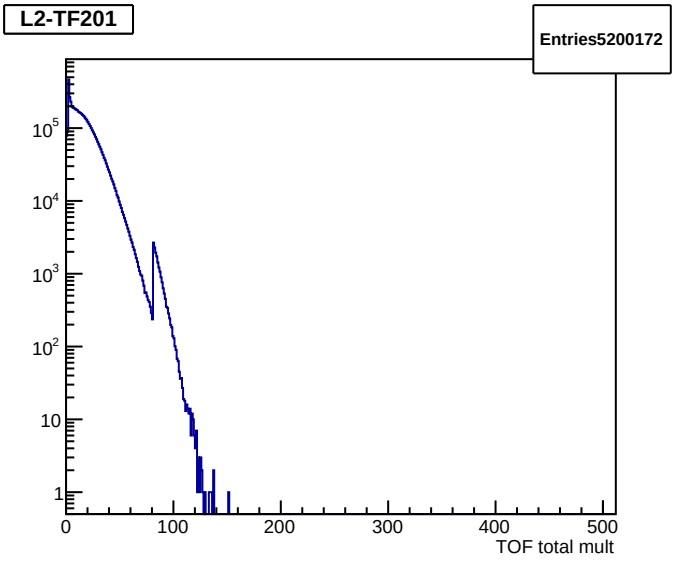

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

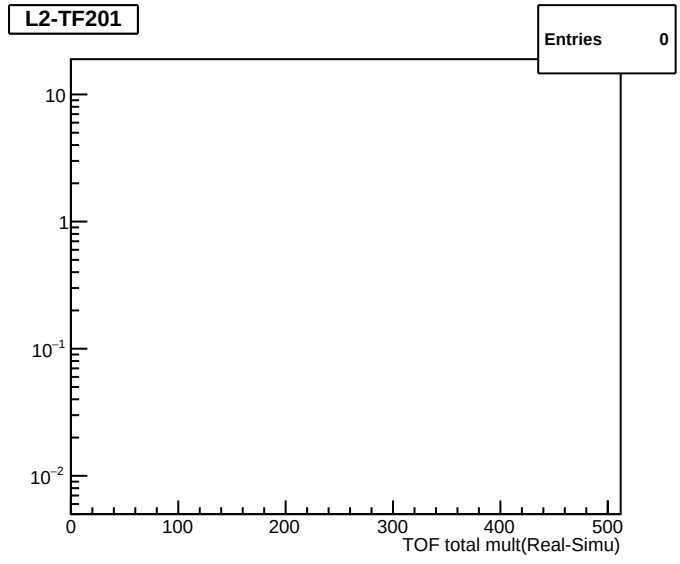

MIX-TF101
Entries 3.120103e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

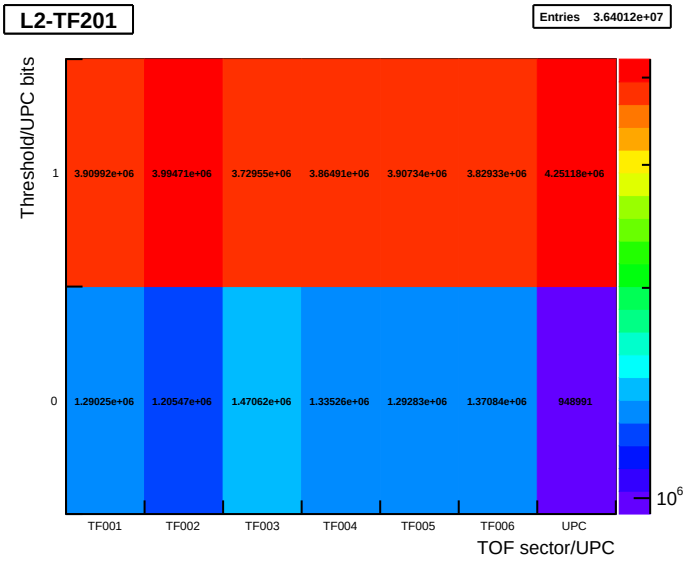

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

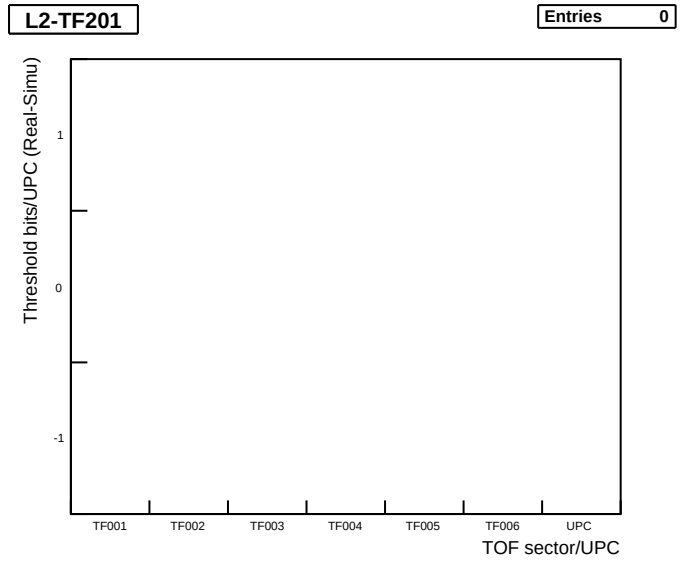

MIX-TF101
Entries 3.120103e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

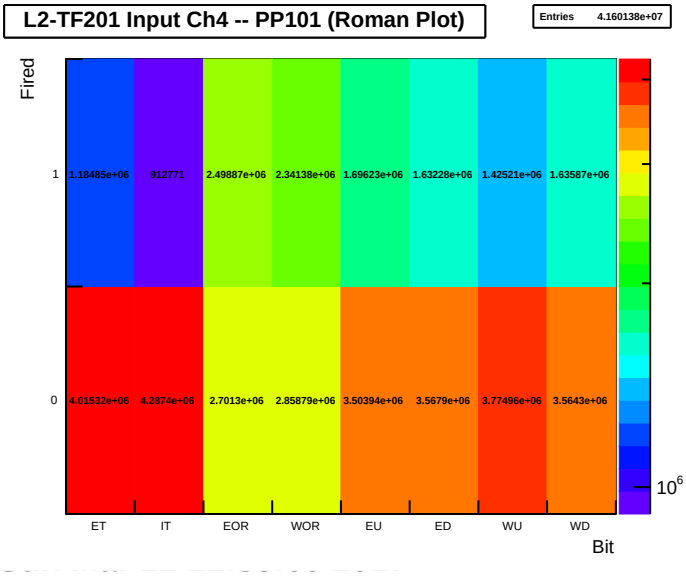

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

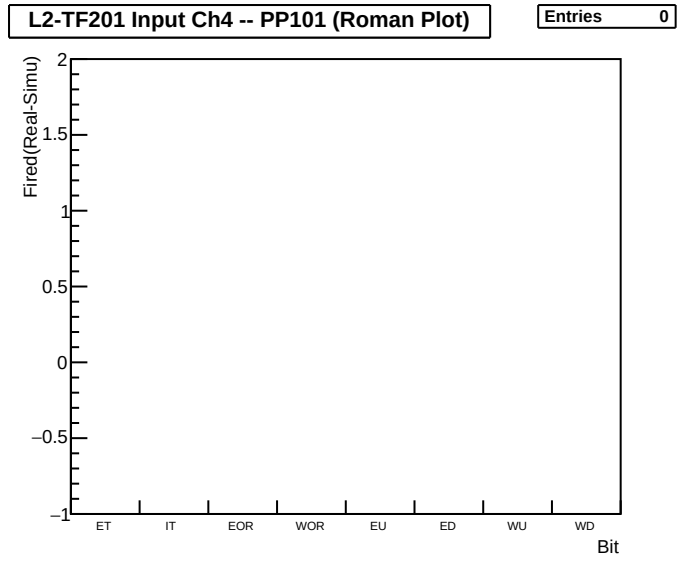

L2-TF201
Entries5200172
TOF total mult

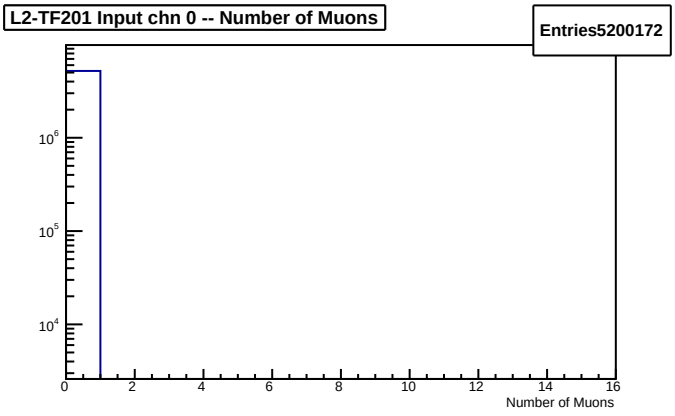

L2-TF201
Entries 0
TOF total mult(Real-Simu)

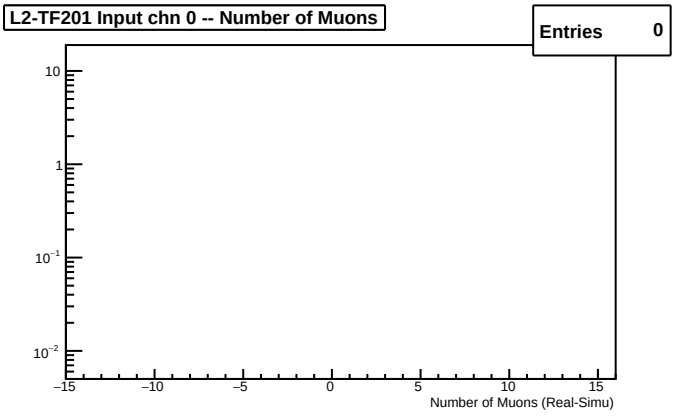

L2-TF201
Entries 3.64012e+07
Threshold/UPC bits
3.90992e+06
3.99471e+06
3.72955e+06
3.86491e+06
3.90734e+06
3.82933e+06
4.25118e+06
1.29025e+06
1.20547e+06
1.47062e+06
1.33526e+06
1.29283e+06
1.37084e+06
948991
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

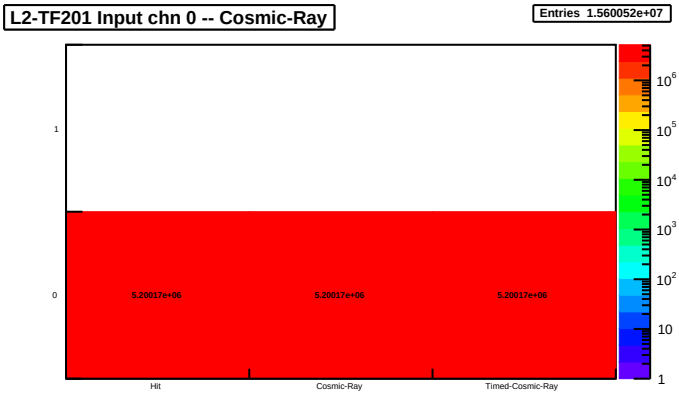

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

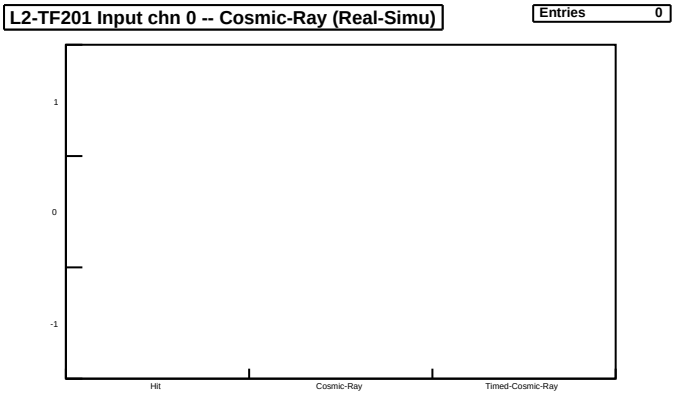

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.160138e+07
Fired
1.18485e+06
912771
2.49887e+06
2.34138e+06
1.69623e+06
1.63228e+06
1.42521e+06
1.63587e+06
4.01532e+06
4.2874e+06
2.7013e+06
2.85879e+06
3.50394e+06
3.5679e+06
3.77496e+06
3.5643e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

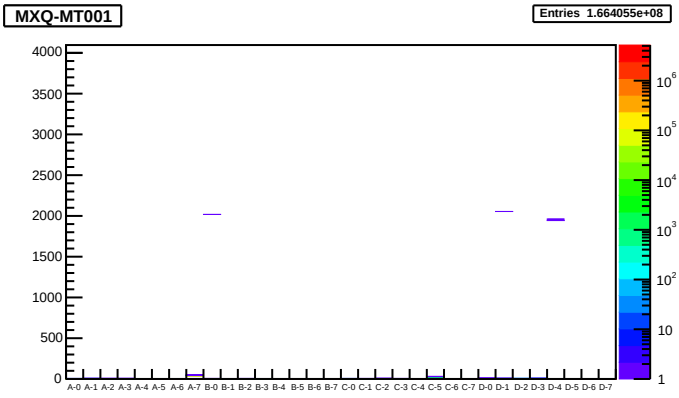

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

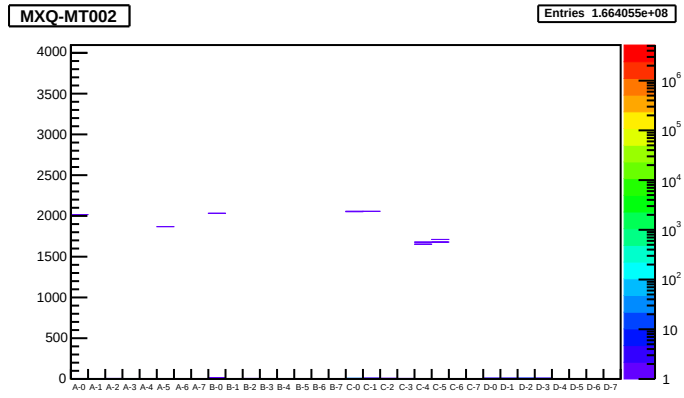

L2-TF201 Input chn 0 -- Number of Muons
Entries5200172
Number of Muons

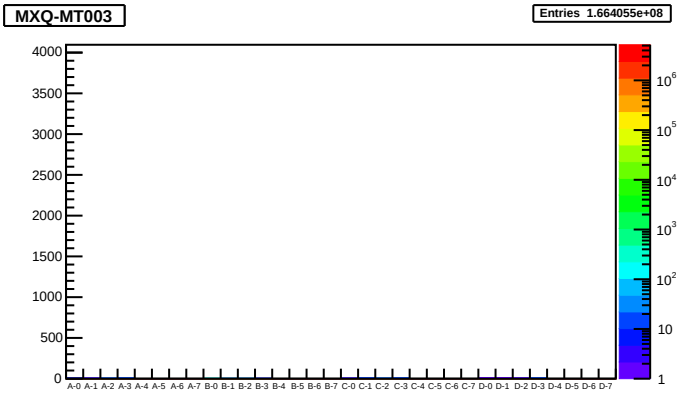

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

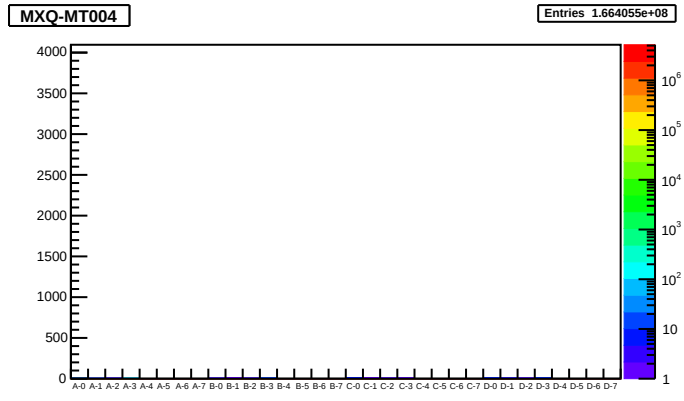

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.560052e+07
5.20017e+06
5.20017e+06
5.20017e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

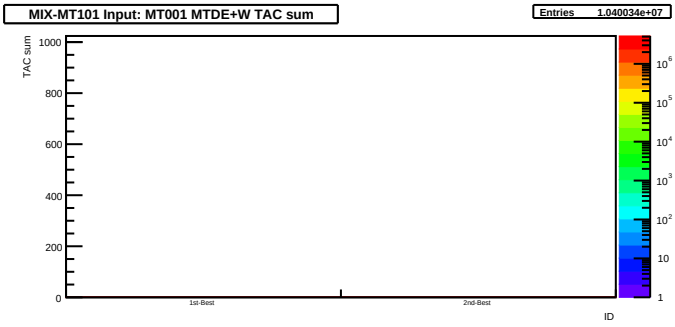

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

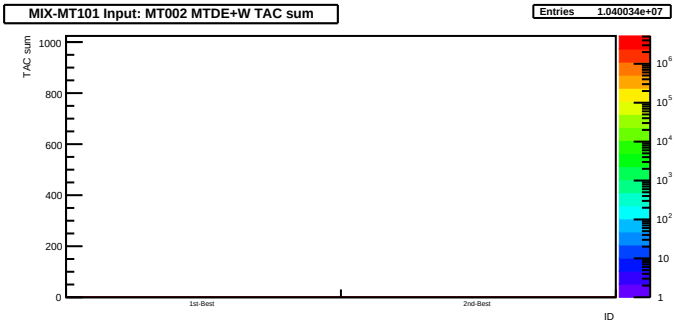

MXQ-MT001
Entries 1.664055e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

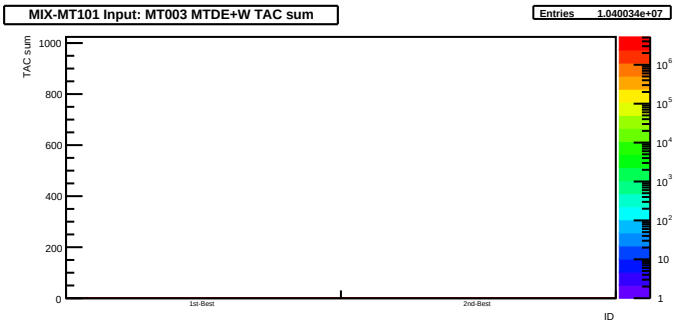

MXQ-MT002
Entries 1.664055e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

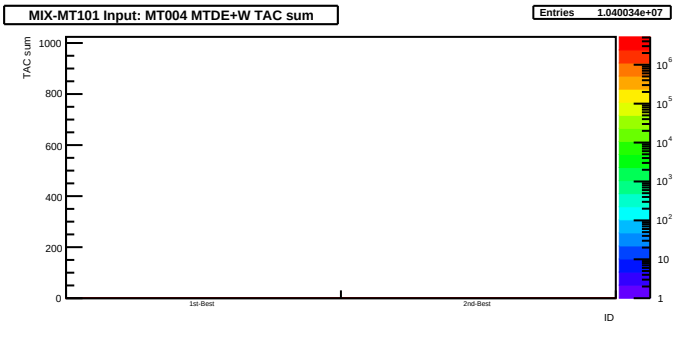

MXQ-MT003
Entries 1.664055e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

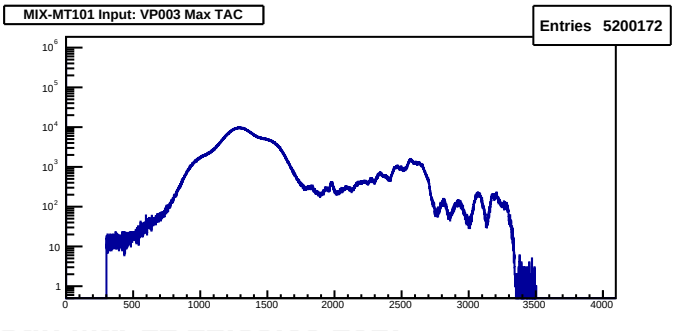

MXQ-MT004
Entries 1.664055e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

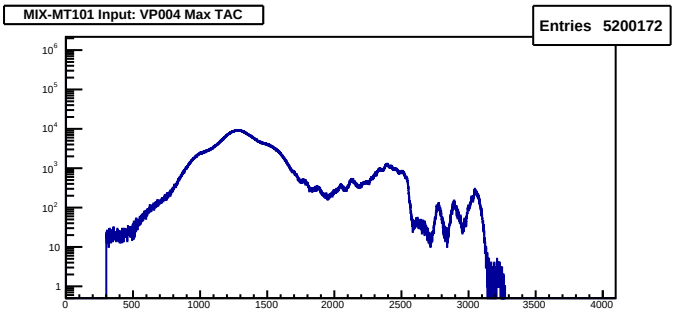

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.040034e+07
TAC sum
1st-Best
2nd-Best
ID

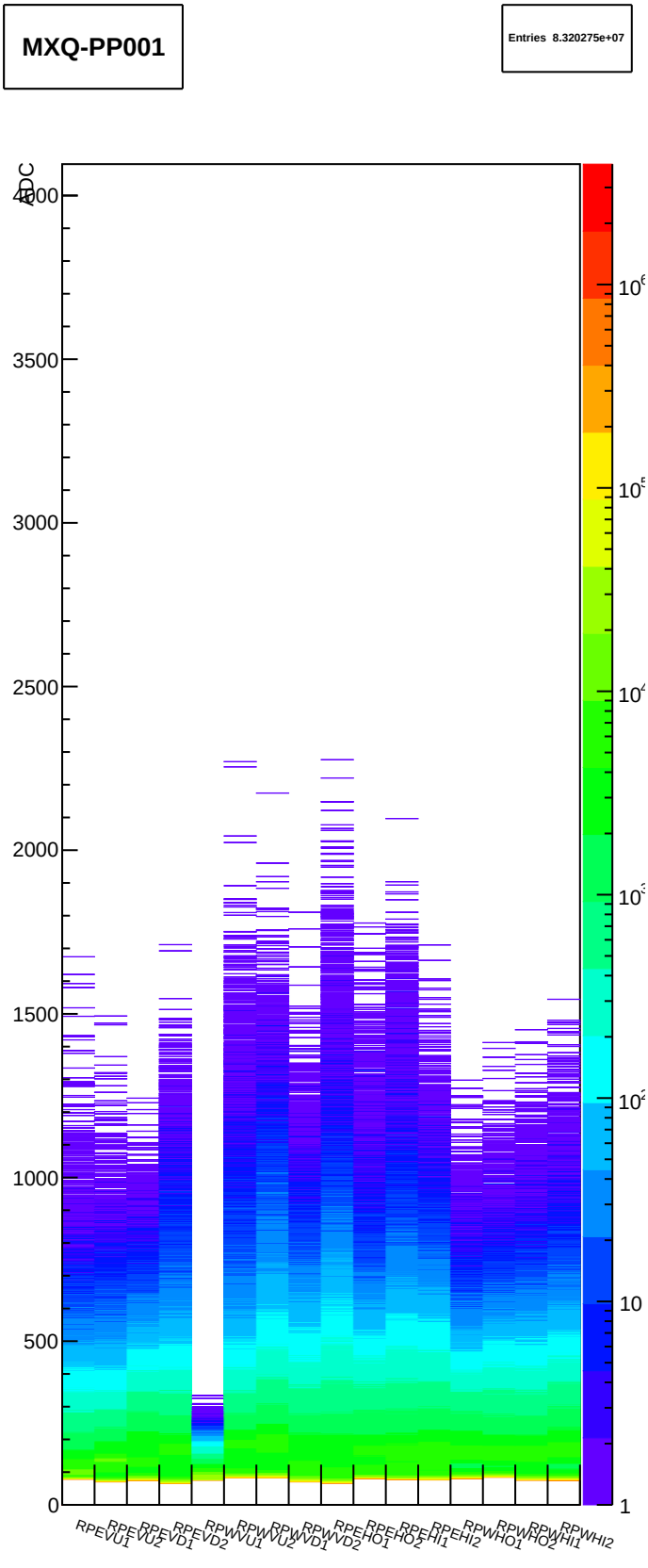

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.040034e+07
TAC sum
1st-Best
2nd-Best
ID

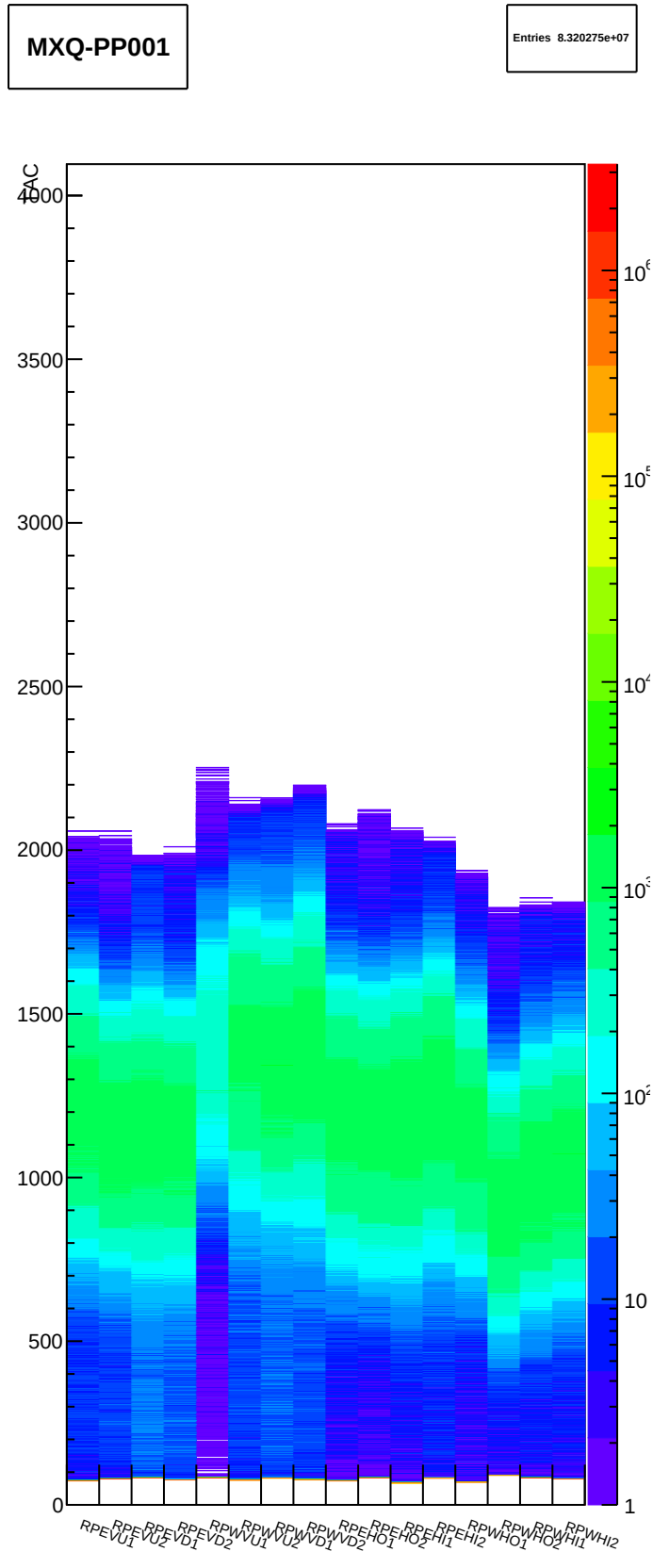

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.040034e+07
TAC sum
1st-Best
2nd-Best
ID

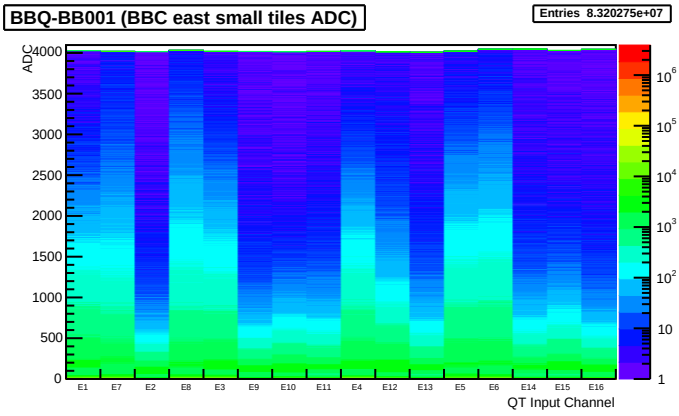

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.040034e+07
TAC sum
1st-Best
2nd-Best
ID

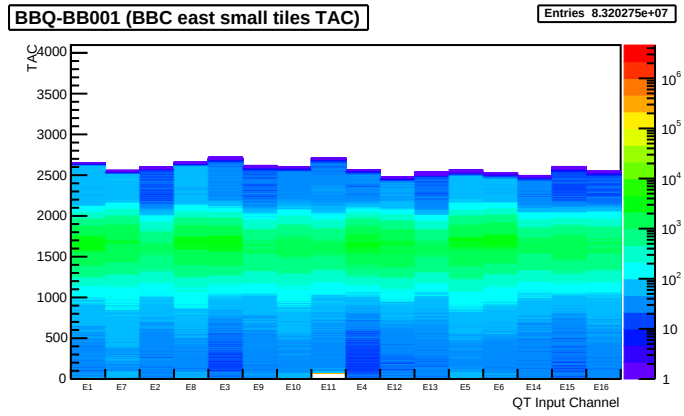

MIX-MT101 Input: VP003 Max TAC
Entries 5200172

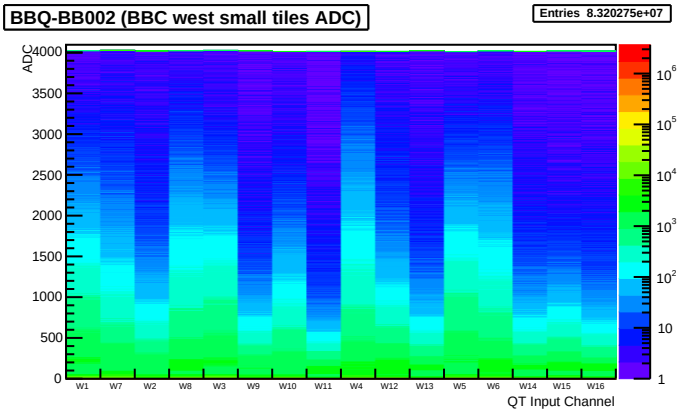

MIX-MT101 Input: VP004 Max TAC
Entries 5200172

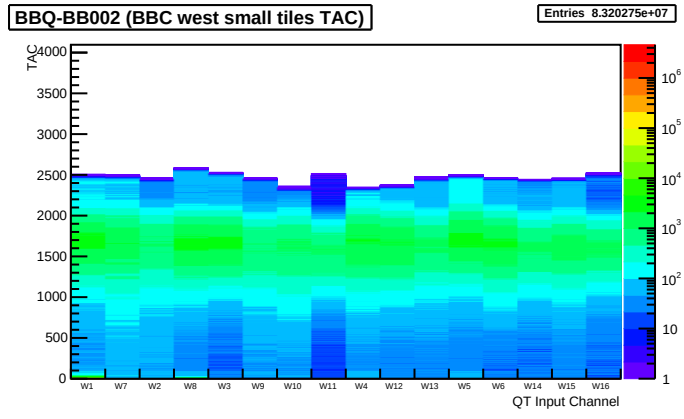

MXQ-PP001
Entries 8.320275e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

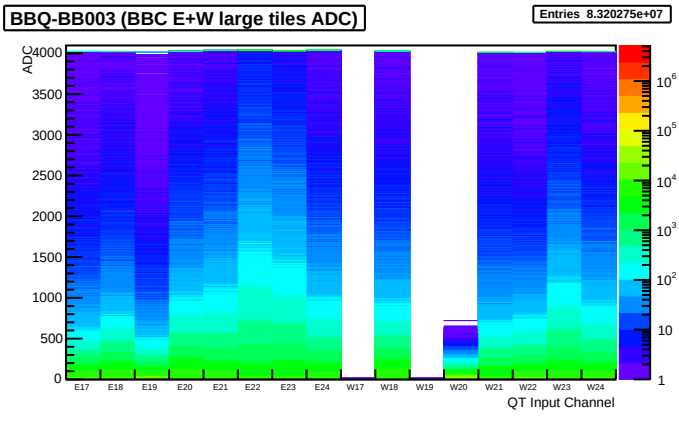

MXQ-PP001
Entries 8.320275e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

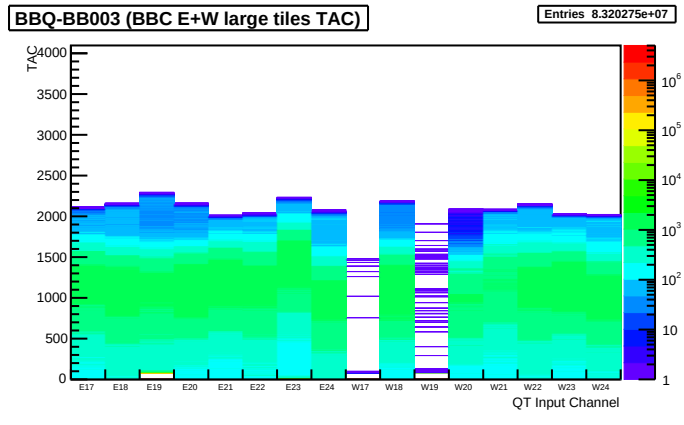

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.320275e+07
ADC
QT Input Channel

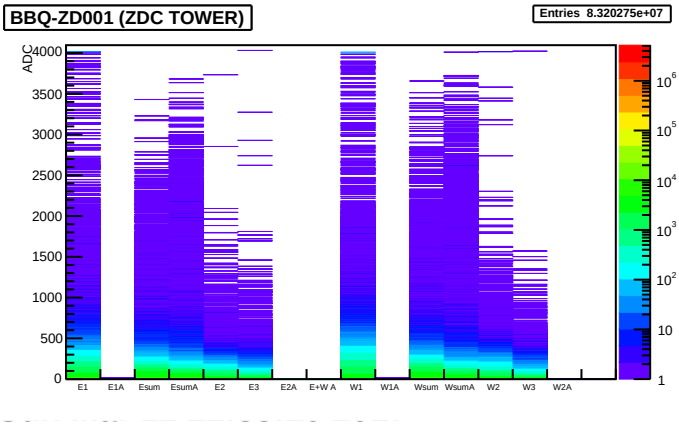

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.320275e+07
TAC
QT Input Channel

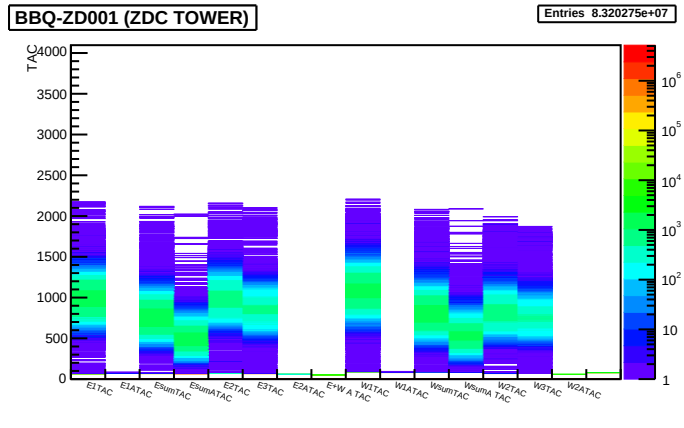

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.320275e+07
ADC
QT Input Channel

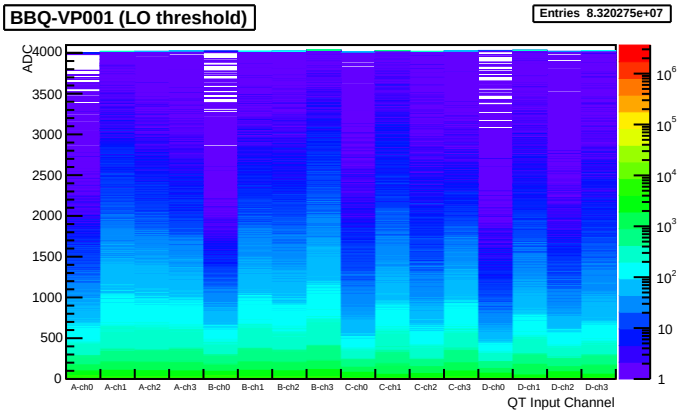

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.320275e+07
TAC
QT Input Channel

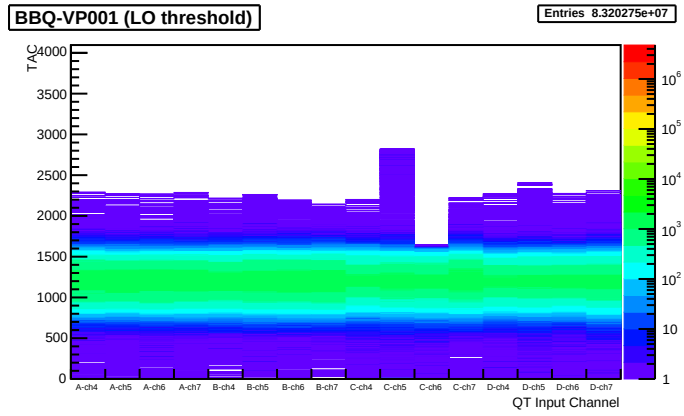

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.320275e+07
ADC
QT Input Channel

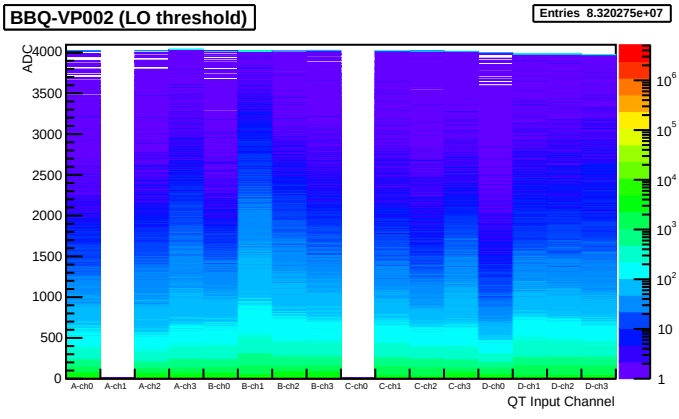

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.320275e+07
TAC
QT Input Channel

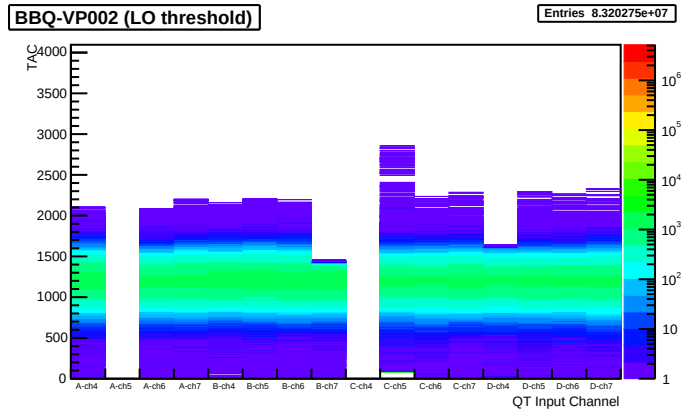

BBQ-ZD001 (ZDC TOWER)
Entries 8.320275e+07
ADC

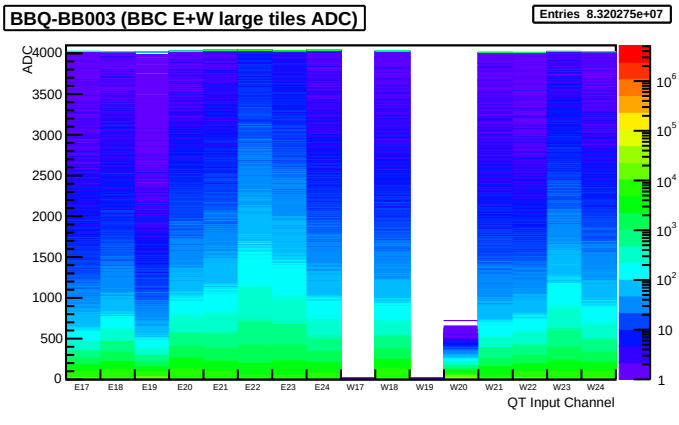

BBQ-ZD001 (ZDC TOWER)
Entries 8.320275e+07
TAC

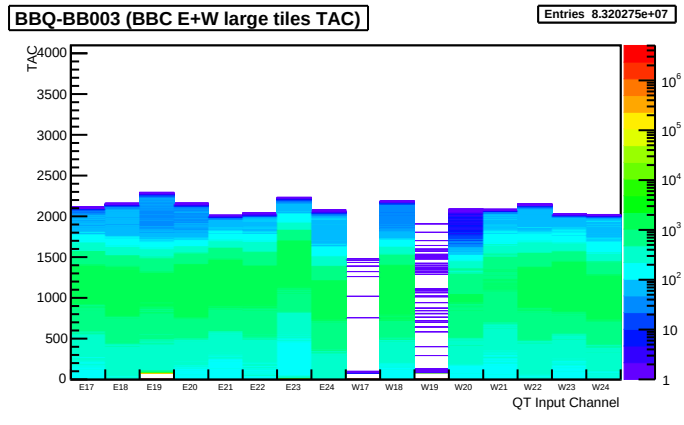

BBQ-VP001 (LO threshold)
Entries 8.320275e+07
ADC
QT Input Channel

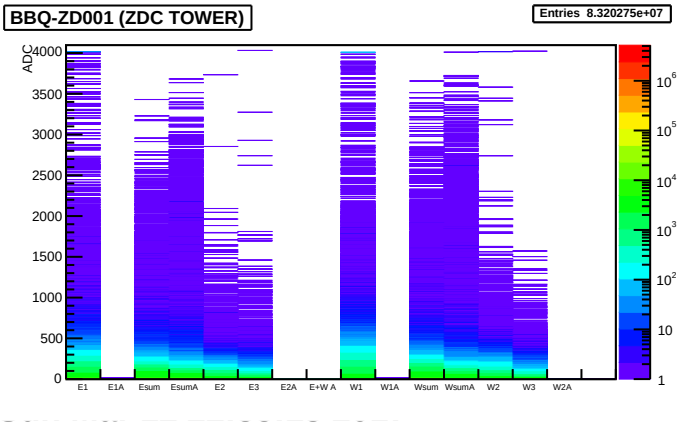

BBQ-VP001 (LO threshold)
Entries 8.320275e+07
TAC
QT Input Channel

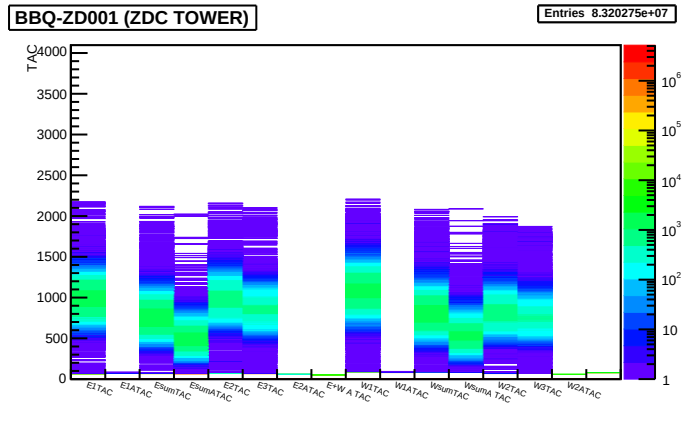

BBQ-VP002 (LO threshold)
Entries 8.320275e+07
ADC
QT Input Channel

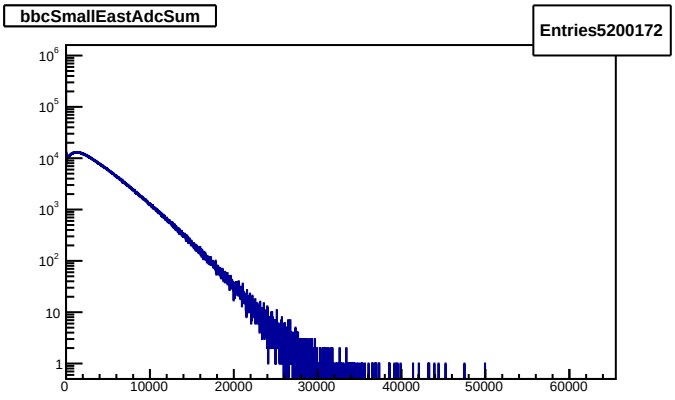

BBQ-VP002 (LO threshold)
Entries 8.320275e+07
TAC
QT Input Channel

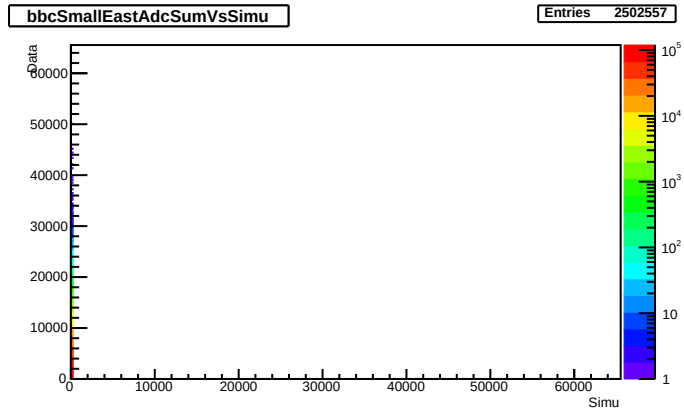

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.320275e+07
ADC
QT Input Channel

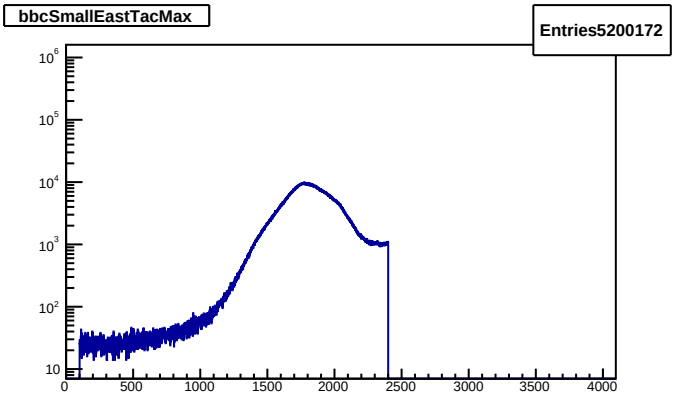

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.320275e+07
TAC
QT Input Channel

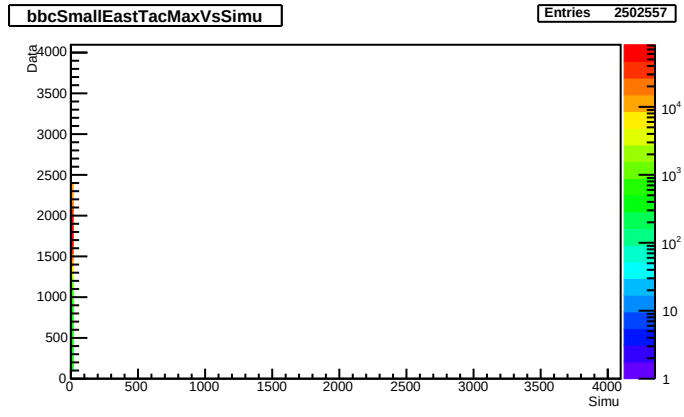

BBQ-ZD001 (ZDC TOWER)
Entries 8.320275e+07
ADC

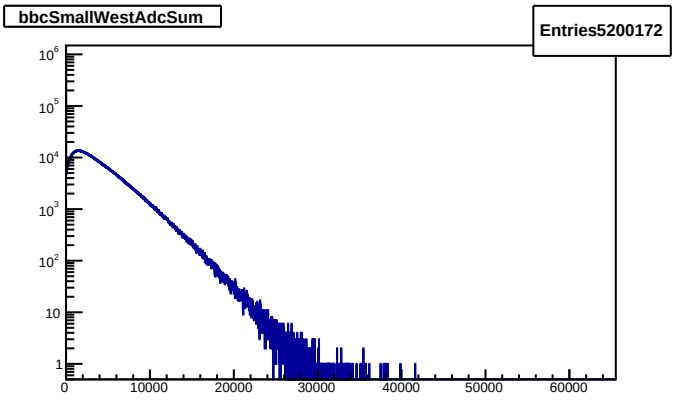

BBQ-ZD001 (ZDC TOWER)
Entries 8.320275e+07
TAC

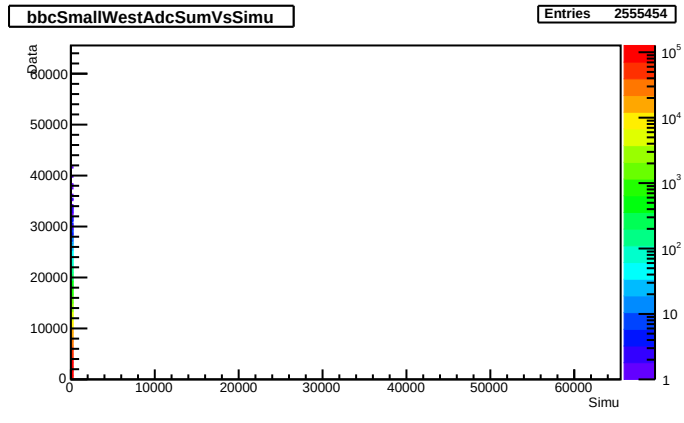

bbcSmallEastAdcSum
Entries5200172

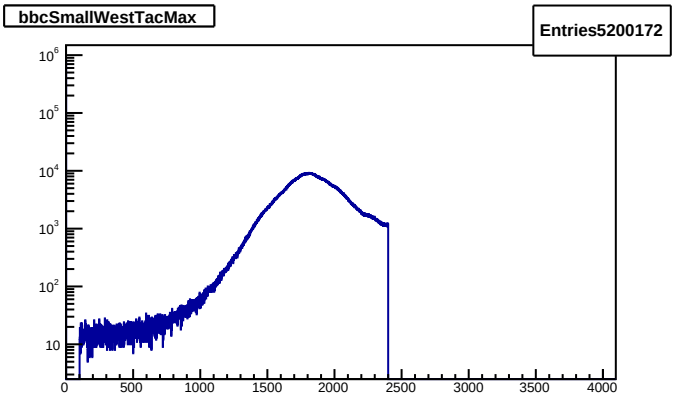

bbcSmallEastAdcSumVsSimu
Entries 2502557
Data
Simu

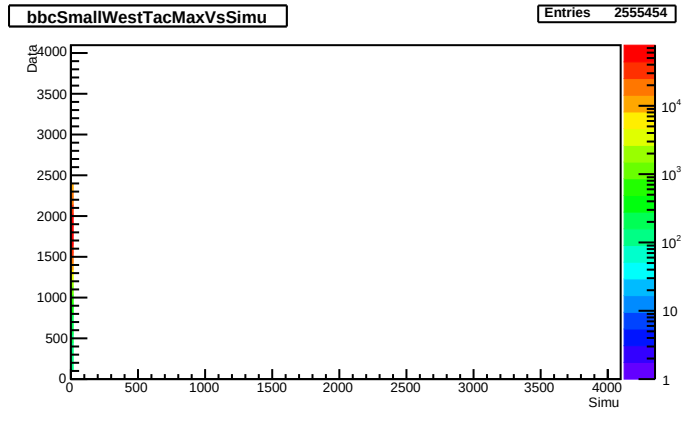

bbcSmallEastTacMax
Entries5200172

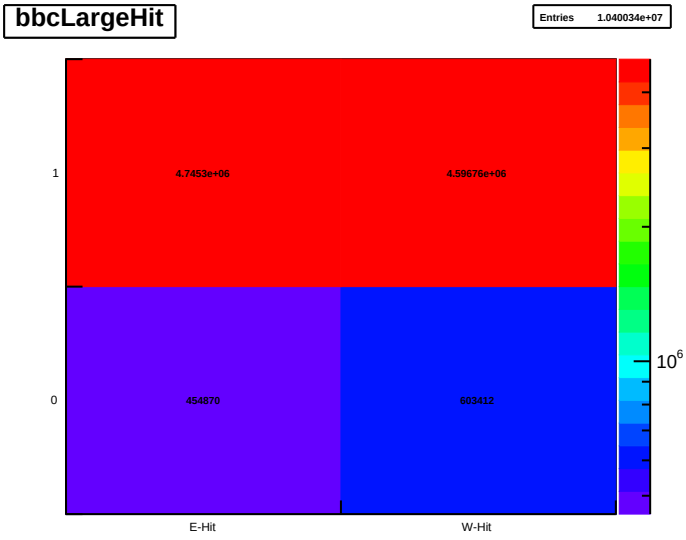

bbcSmallEastTacMaxVsSimu
Entries 2502557
Data
Simu

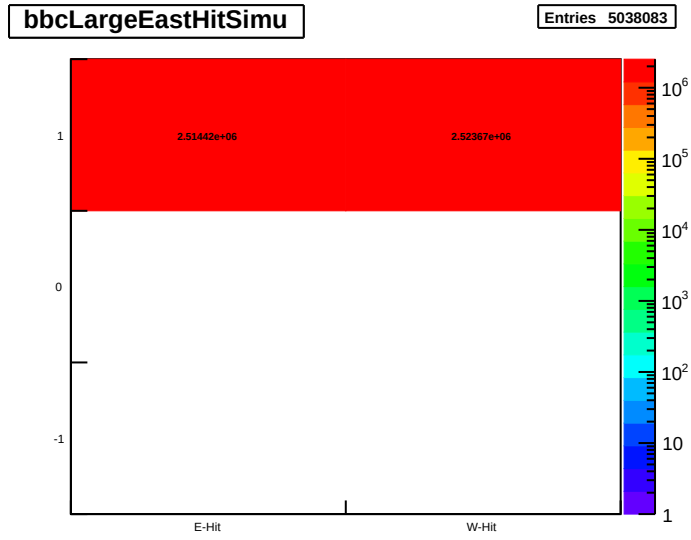

bbcSmallWestAdcSum
Entries5200172

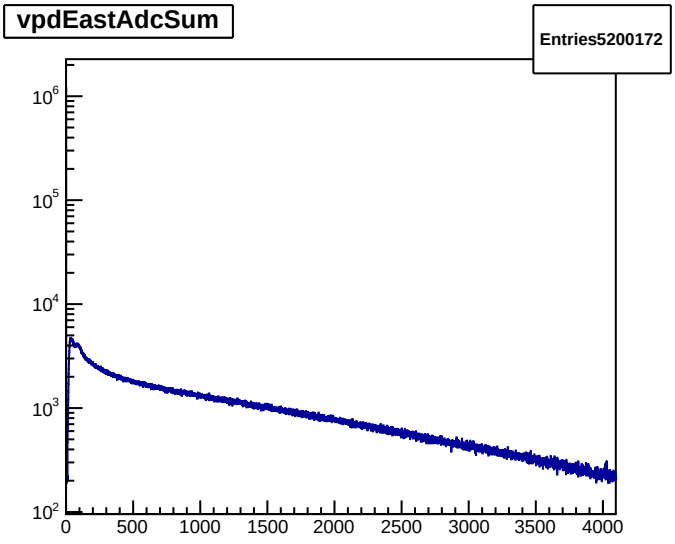

bbcSmallWestAdcSumVsSimu
Entries 2555454
Data
Simu

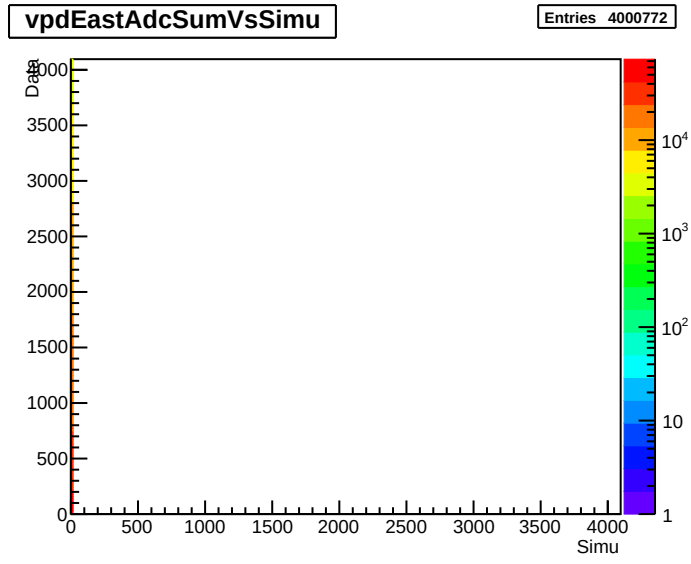

bbcSmallWestTacMax
Entries5200172

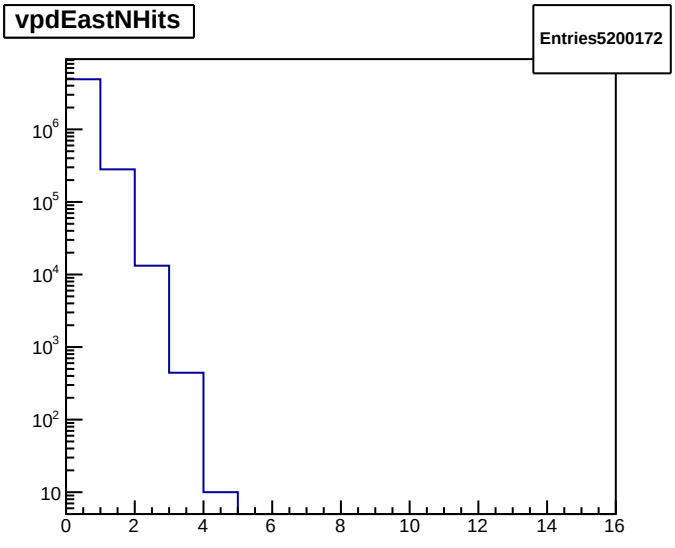

bbcSmallWestTacMaxVsSimu
Entries 2555454
Data
Simu

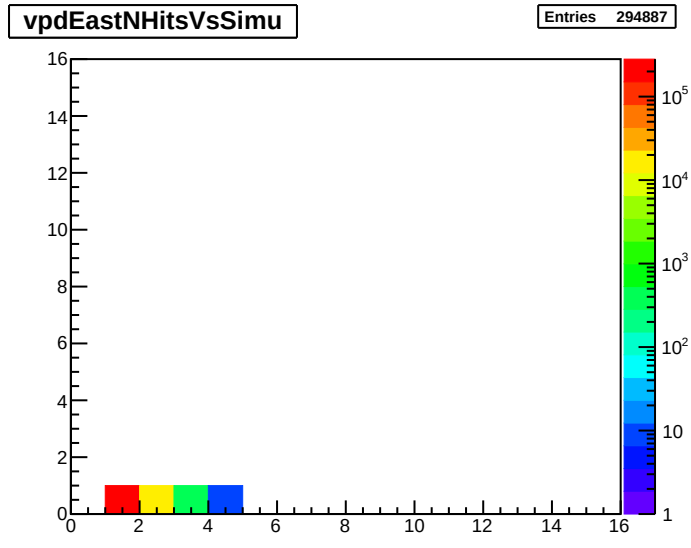

bbcLargeHit
Entries 1.040034e+07
1
0
4.7453e+06
4.59676e+06
454870
603412
E-Hit
W-Hit
10^6

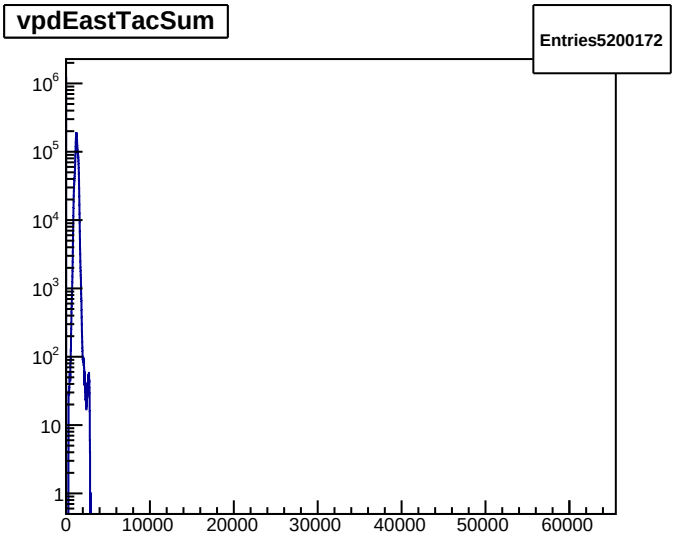

bbcLargeEastHitSimu
Entries 5038083
1
0
-1
2.51442e+06
2.52367e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

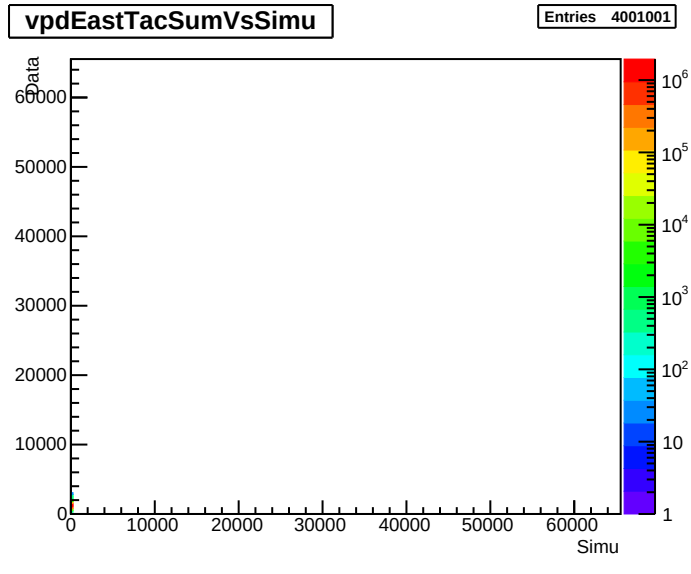

vpdEastAdcSum
Entries5200172

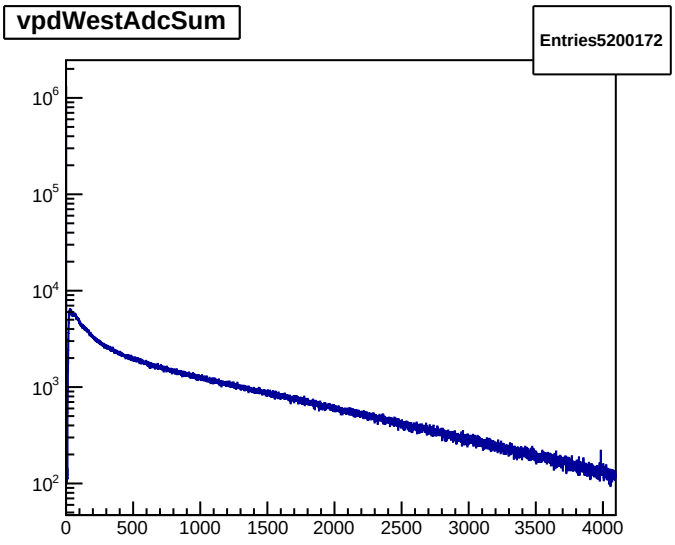

vpdEastAdcSumVsSimu
Entries 4000772
Data
Simu

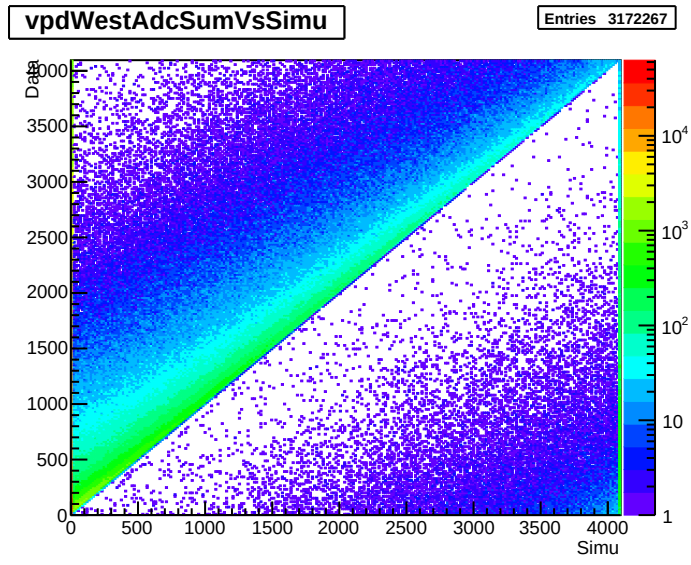

vpdEastNHits
Entries5200172

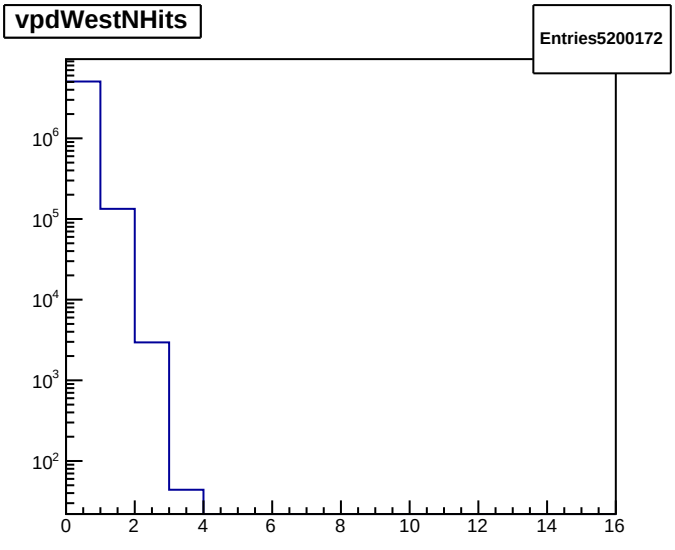

vpdEastNHitsVsSimu
Entries 294887

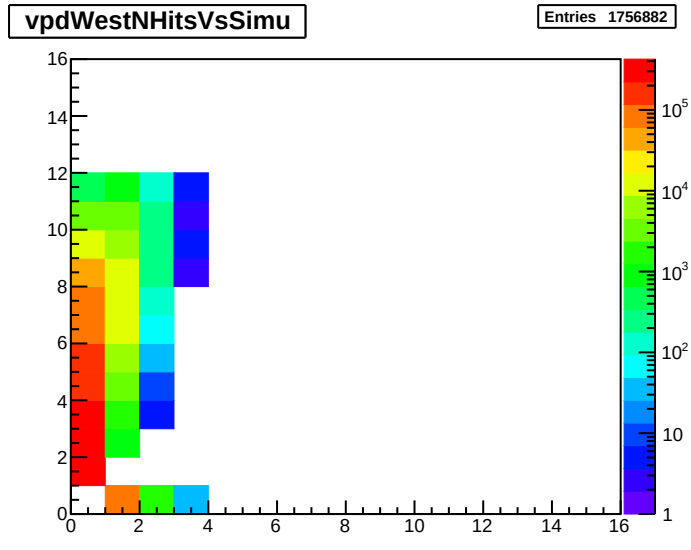

vpdEastTacSum
Entries5200172

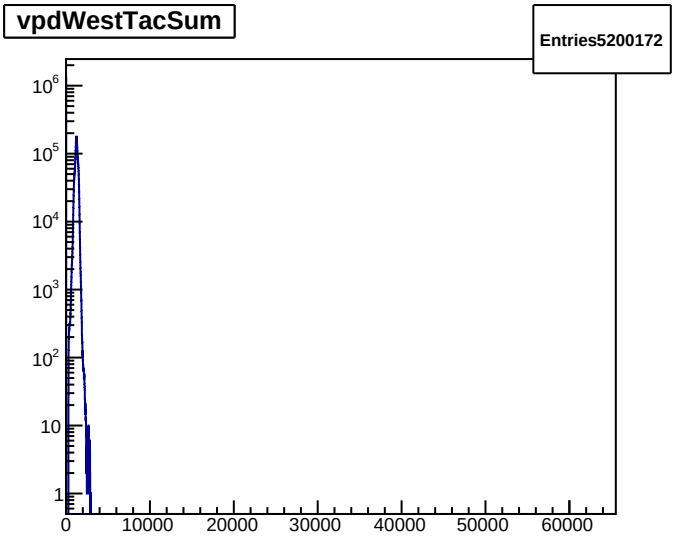

vpdEastTacSumVsSimu
Entries 4001001
Data
Simu

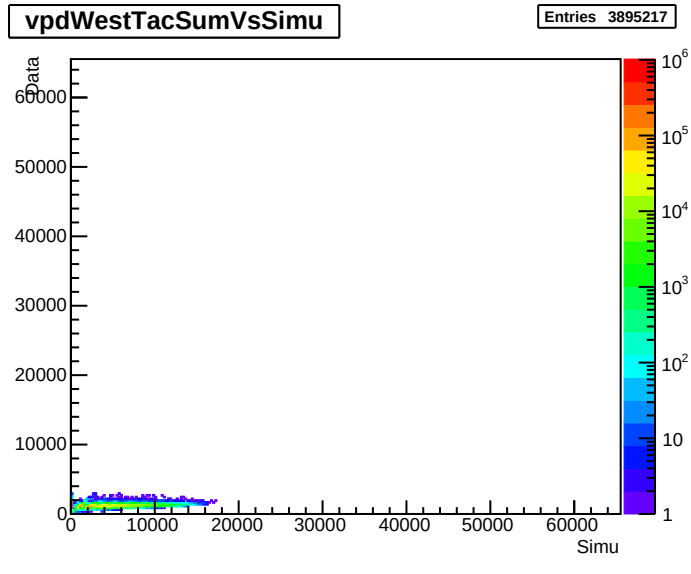

vpdWestAdcSum
Entries5200172

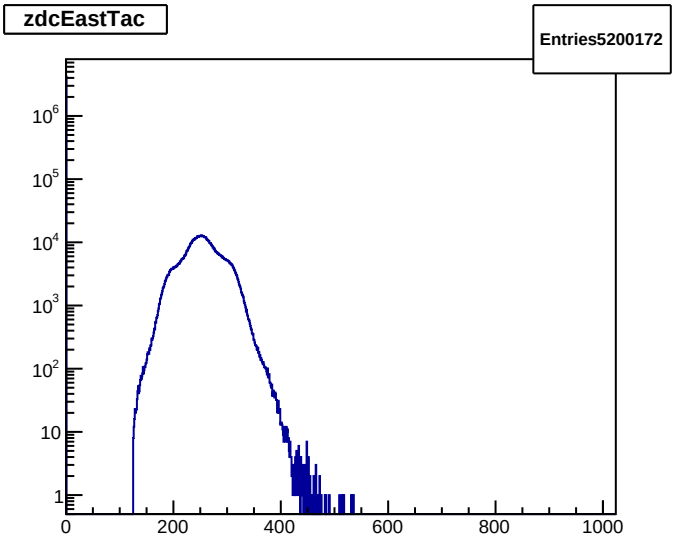

vpdWestAdcSumVsSimu
Entries 3172267
Data
Simu

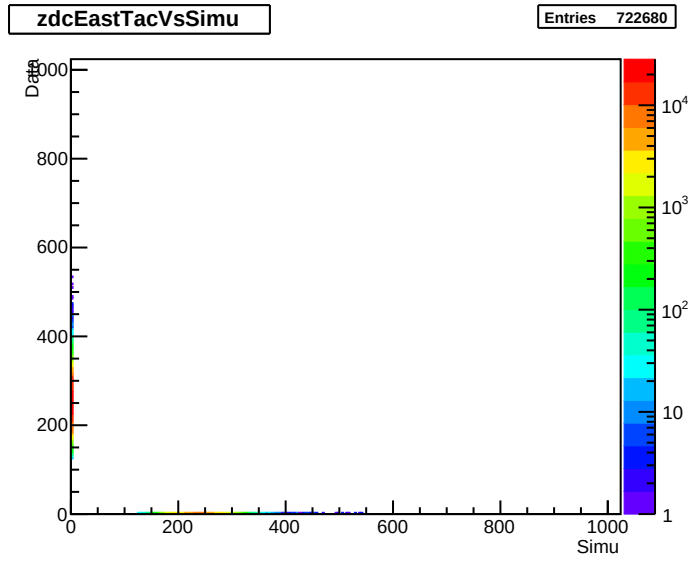

vpdWestNHits
Entries5200172

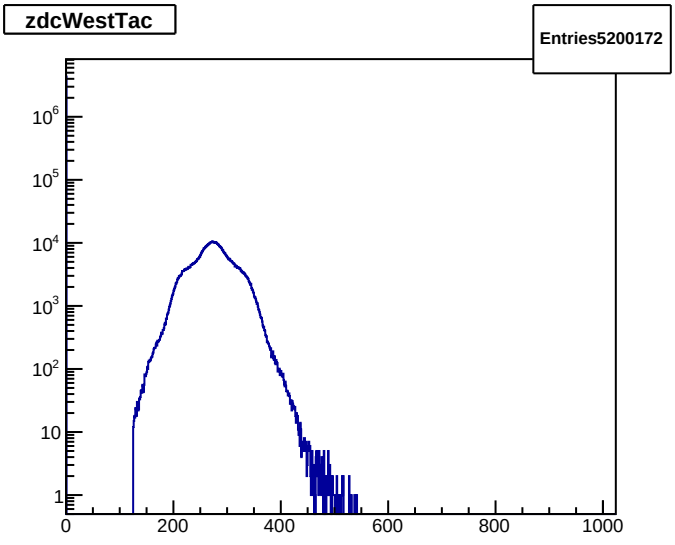

vpdWestNHitsVsSimu
Entries 1756882

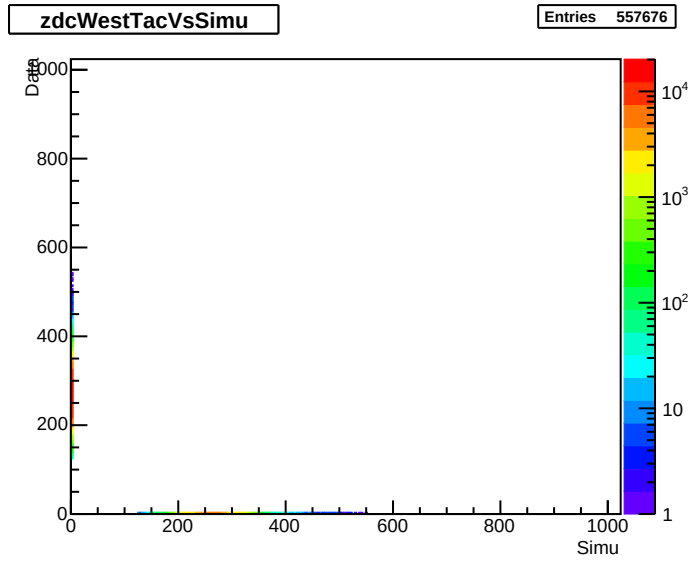

vpdWestTacSum
Entries5200172

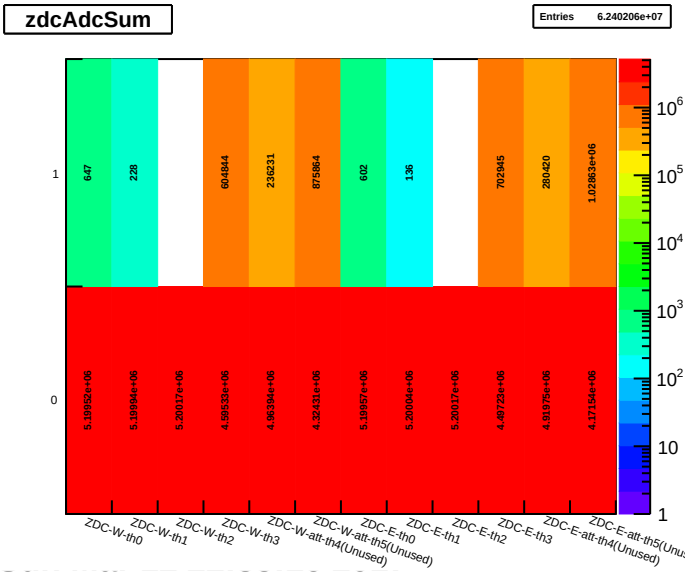

vpdWestTacSumVsSimu
Entries 3895217
Data
Simu

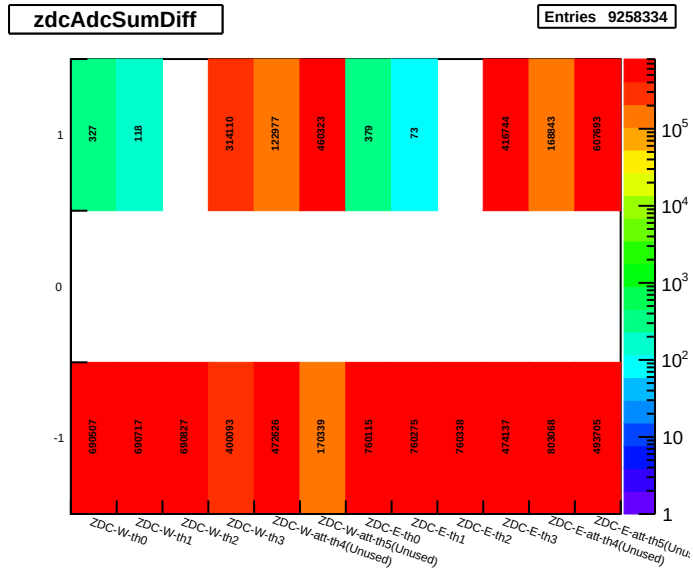

zdcEastTac
Entries5200172

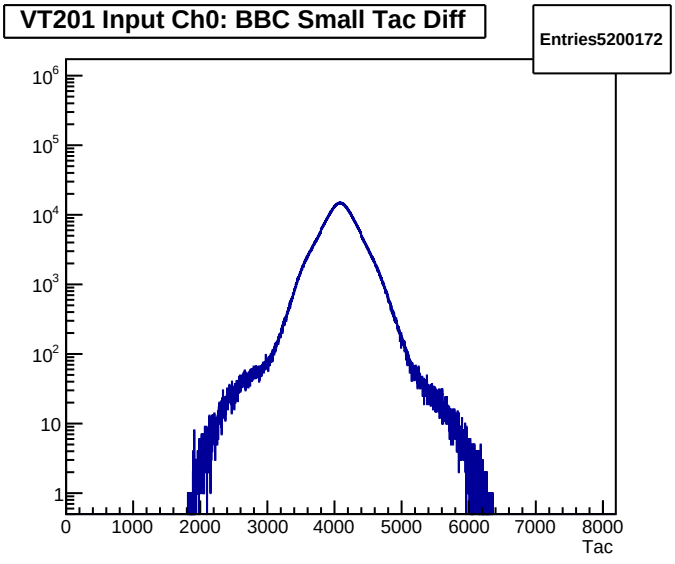

zdcEastTacVsSimu
Entries 722680
Data
Simu

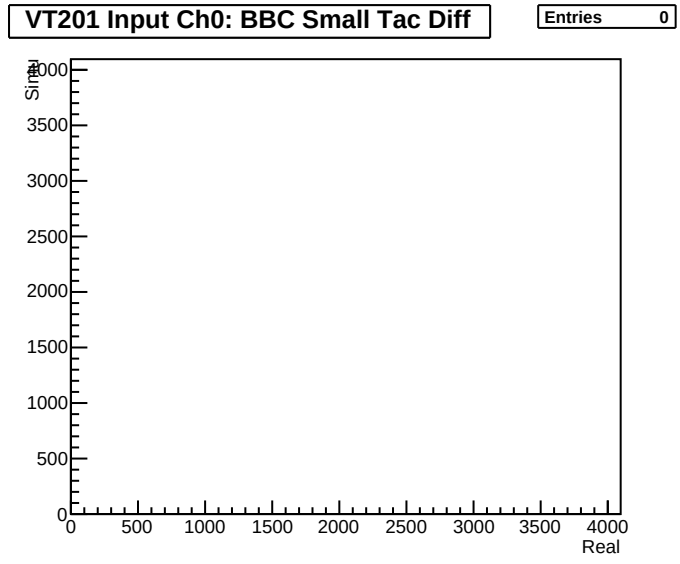

zdcWestTac
Entries5200172

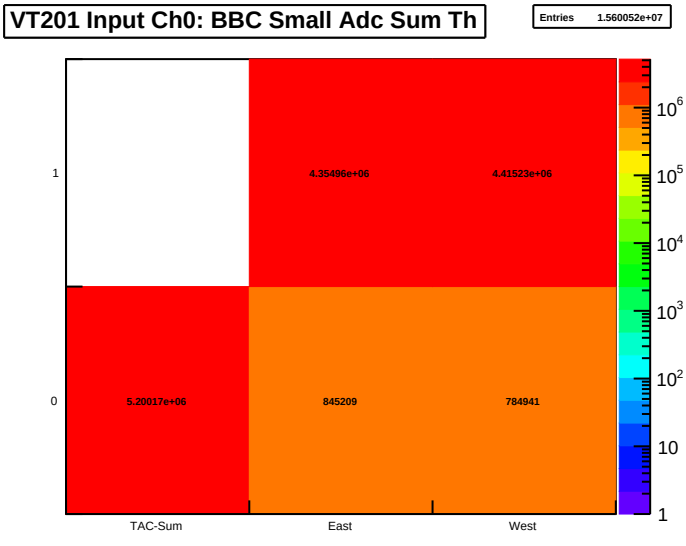

zdcWestTacVsSimu
Entries 557676
Data
Simu

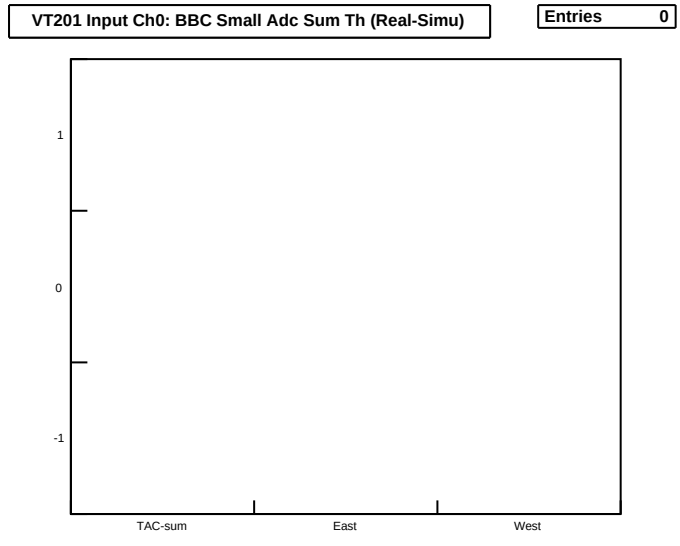

zdcAdcSum
Entries 6.240206e+07
647
228
604844
236231
875864
602
136
702945
280420
1.02863e+06
5.19952e+06
5.19994e+05
5.20017e+06
4.59533e+06
4.96394e+06
4.92431e+06
5.19957e+06
5.20004e+06
5.20017e+05
4.49722e+06
4.91975e+06
4.17154e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

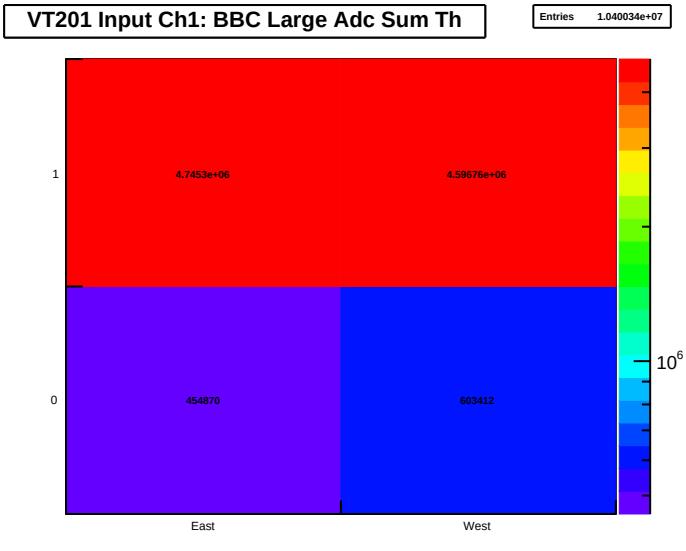

zdcAdcSumDiff
Entries 9258334
327
118
314110
122977
460323
379
73
416744
168843
607593
690507
690717
690627
400093
478826
170339
760115
760275
760338
474137
803068
493705
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

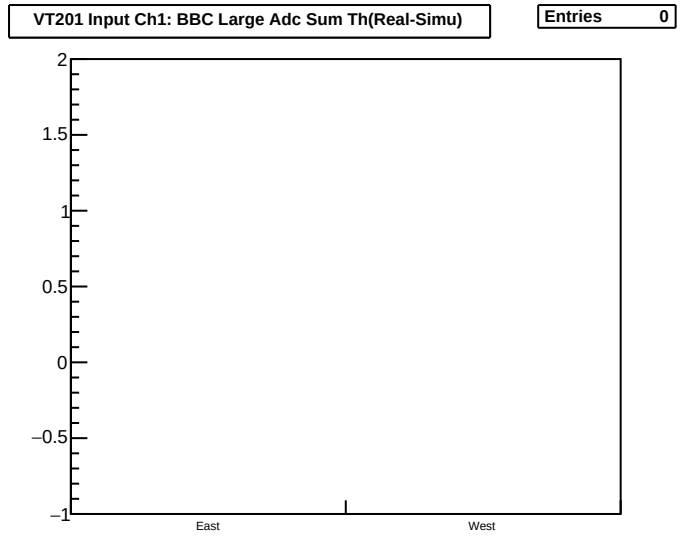

VT201 Input Ch0: BBC Small Tac Diff
Entries5200172
Tac


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

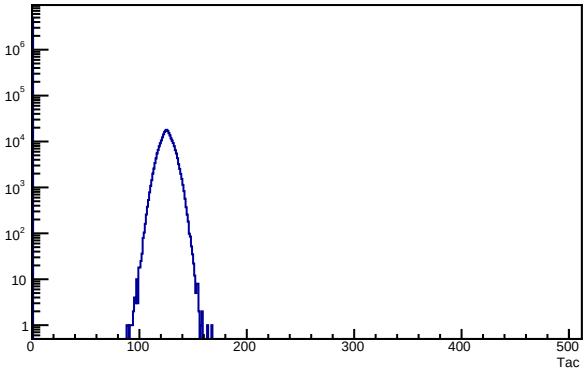

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.560052e+07
4.35496e+06
4.41523e+06
5.20017e+06
845209
784941
TAC-Sum
East
West


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

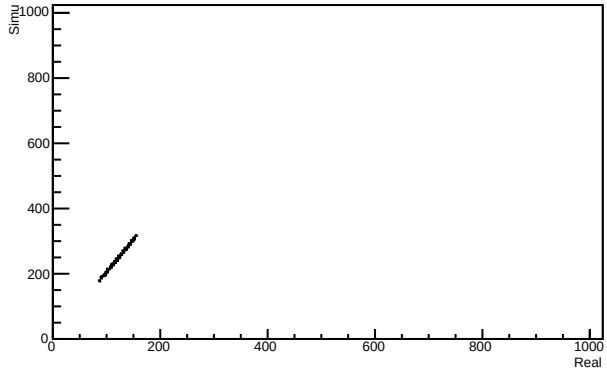

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.040034e+07
4.7453e+06
4.59676e+06
454870
603412
East
West


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

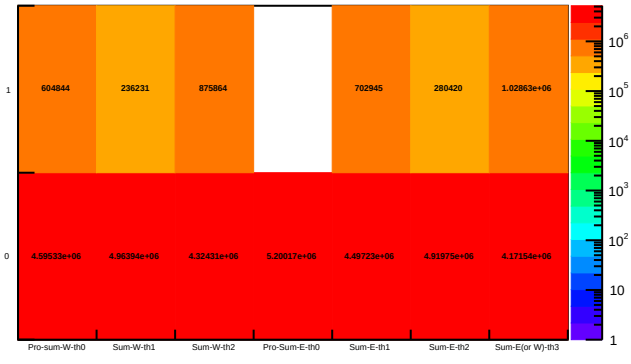
VT201 Input Ch2: ZDC Tac Diff



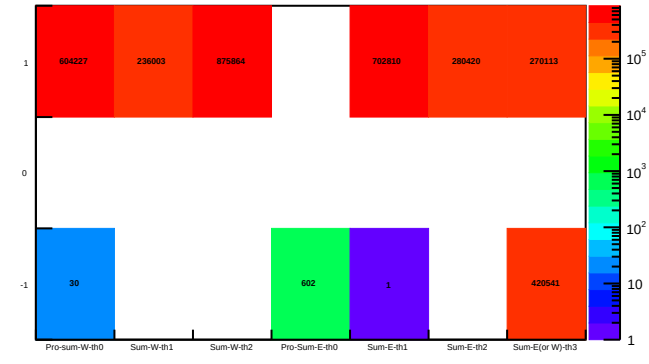
VT201 Input Ch2: ZDC Tac Diff



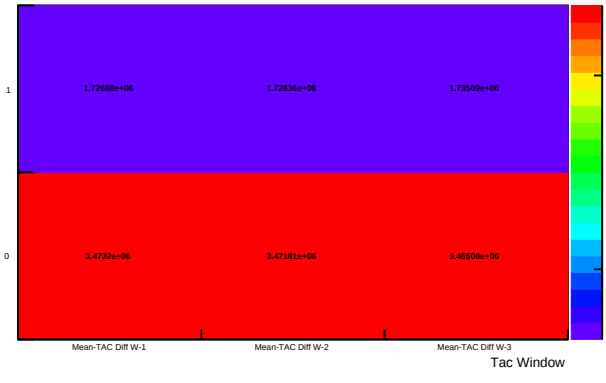
VT201 Input Ch2: ZDC Adc Sum Th



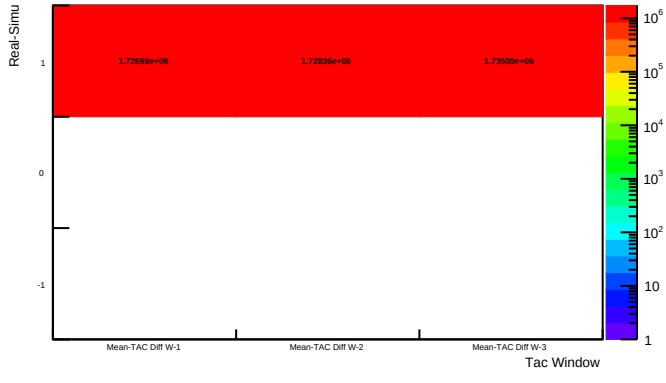
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



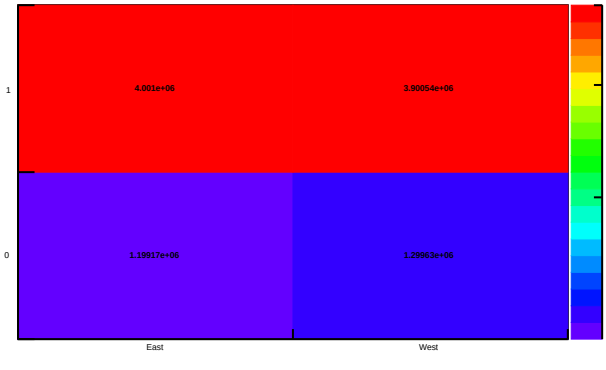
VT201 Input Ch4: VPD Tac Diff



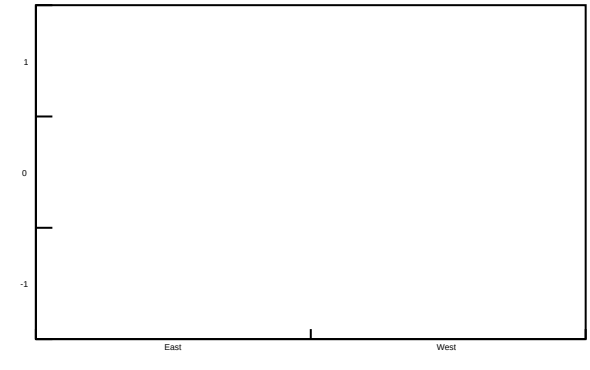
VT201 Input Ch4: VPD Tac Diff

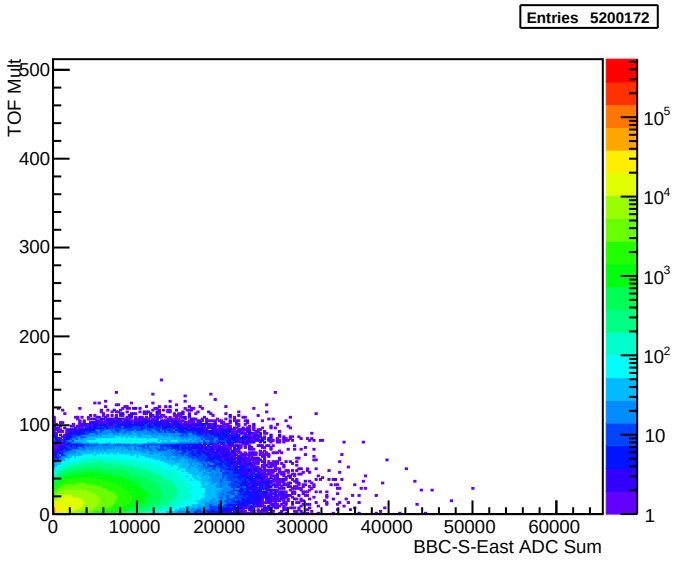


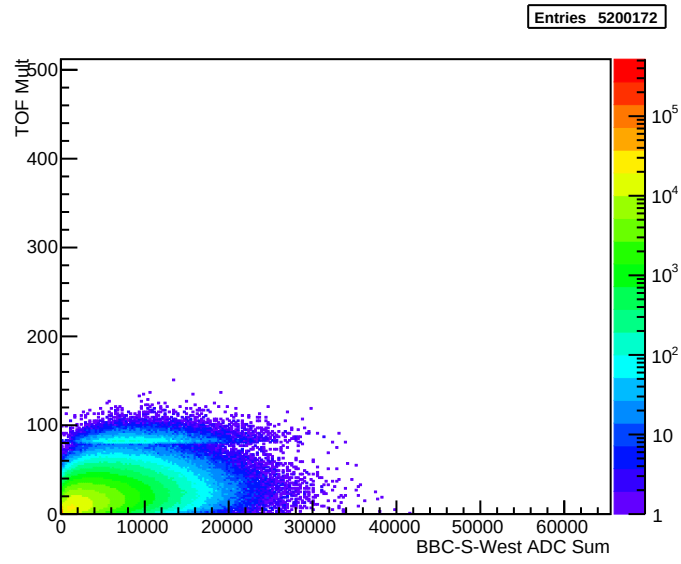
VT201 Input Ch4: VPD Adc Sum Th

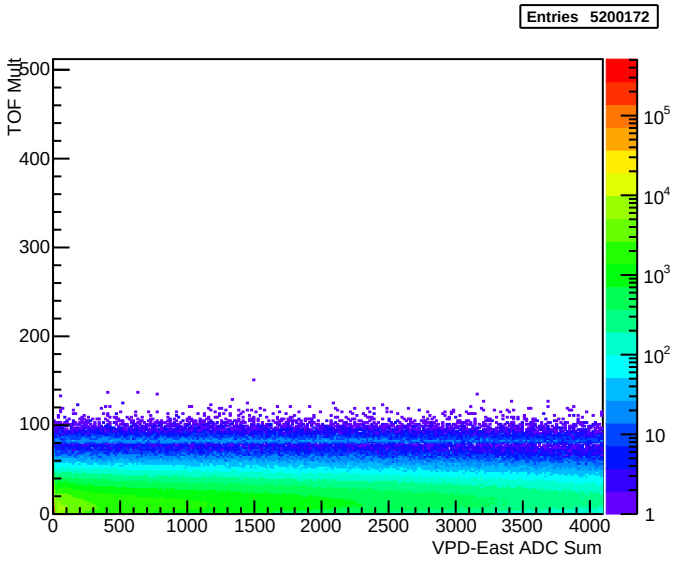


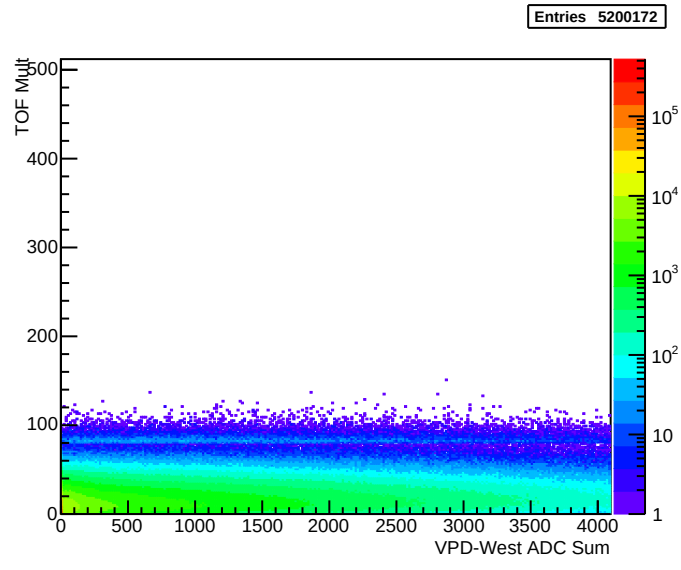
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

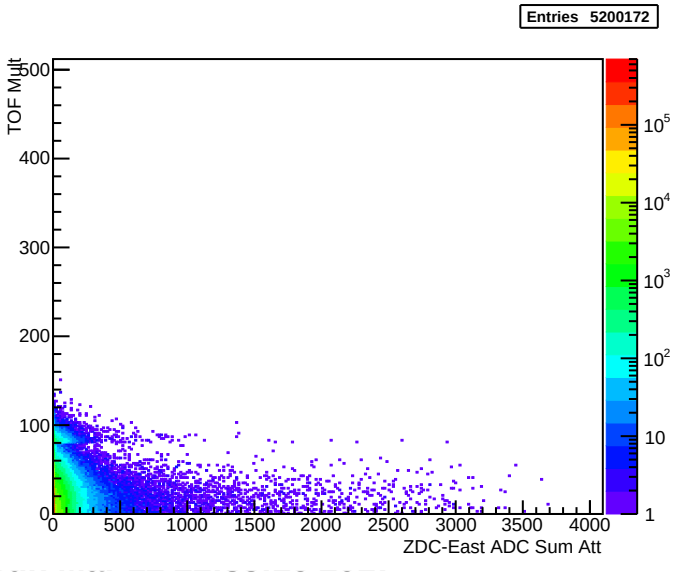


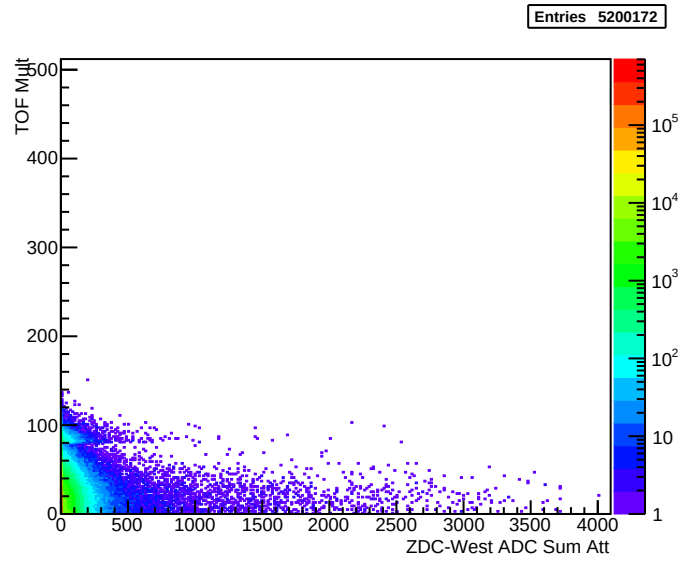

Entries 5200172
TOF Mult
BBC-S-East ADC Sum

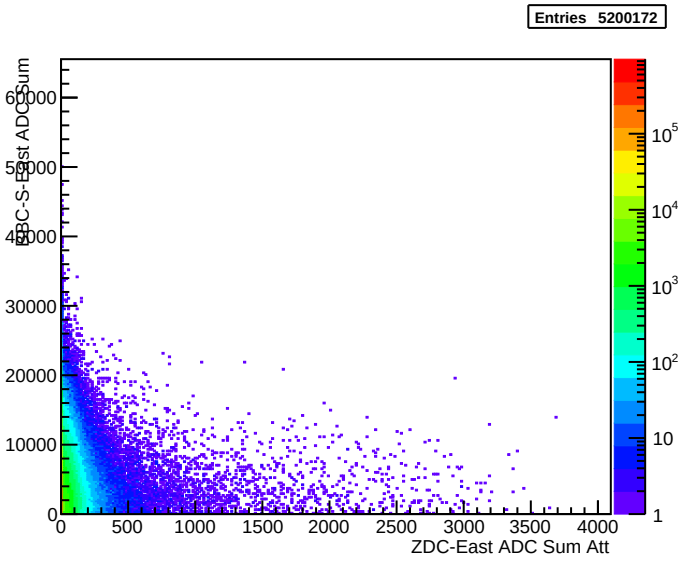

Entries 5200172
TOF Mult
BBC-S-West ADC Sum

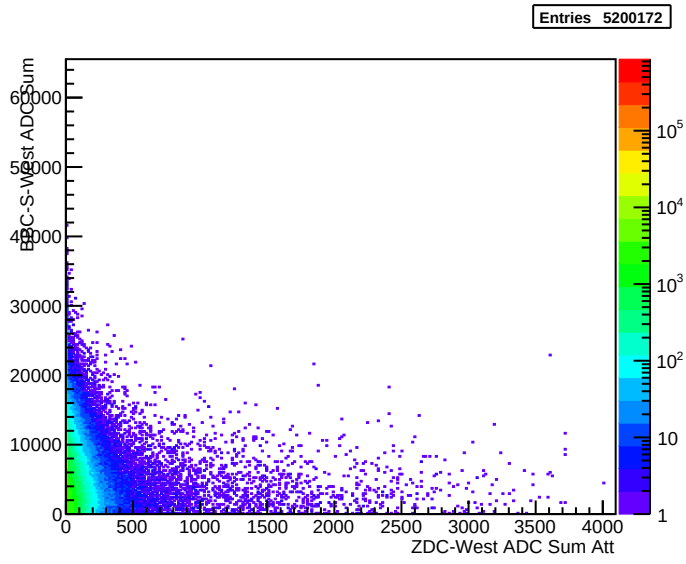

Entries 5200172
TOF Mult
VPD-East ADC Sum

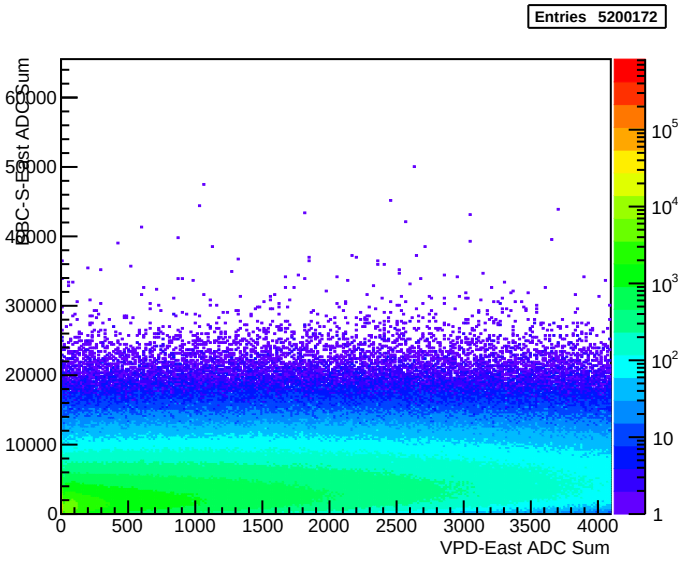

Entries 5200172
TOF Mult
VPD-West ADC Sum

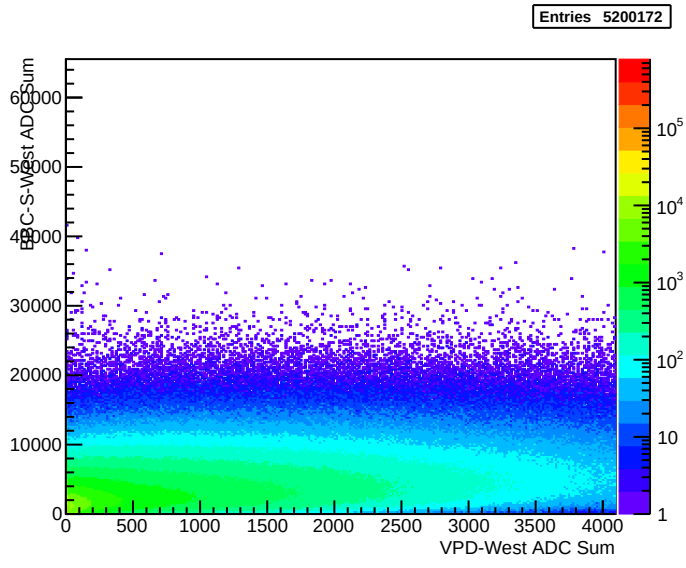

Entries 5200172
TOF Mult
ZDC-East ADC Sum Att

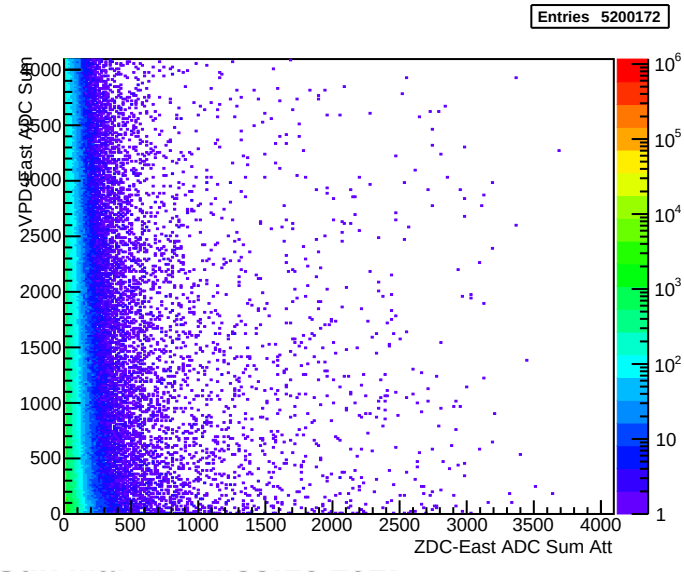

Entries 5200172
TOF Mult
ZDC-West ADC Sum Att

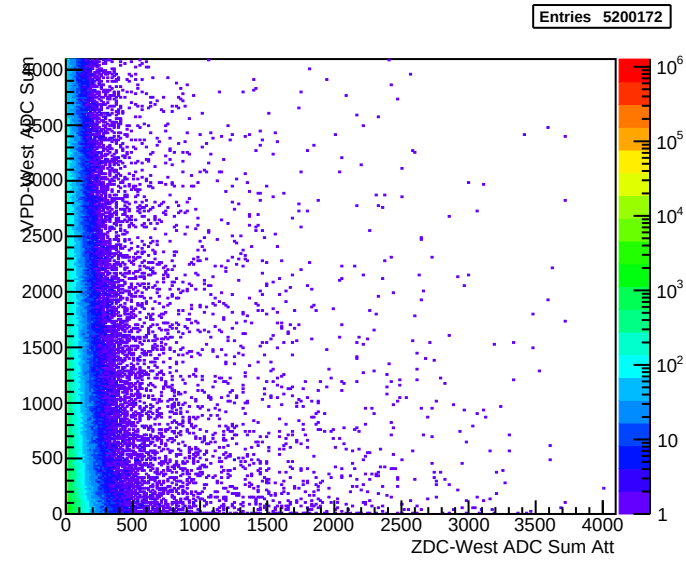

Entries 5200172
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

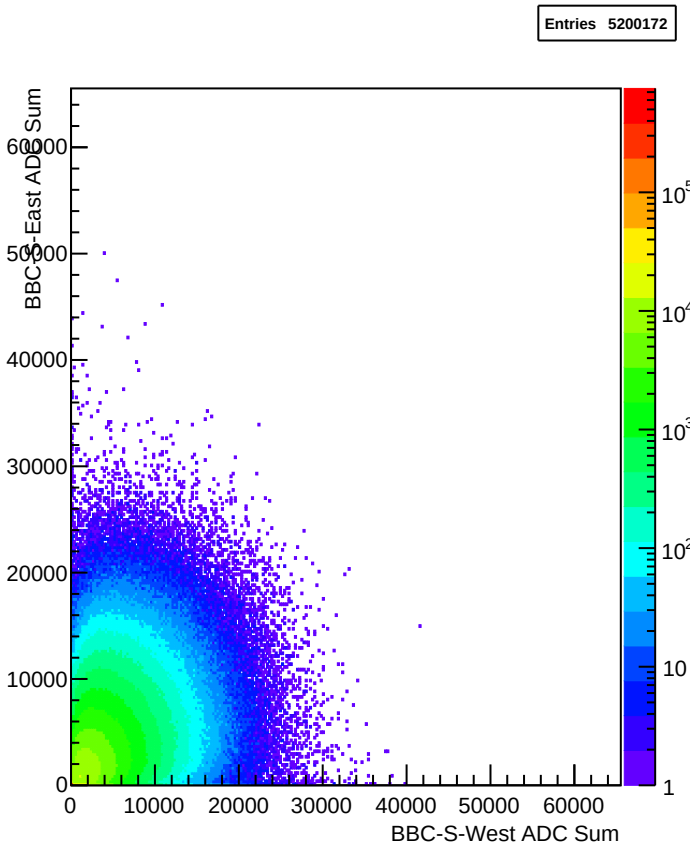

Entries 5200172
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

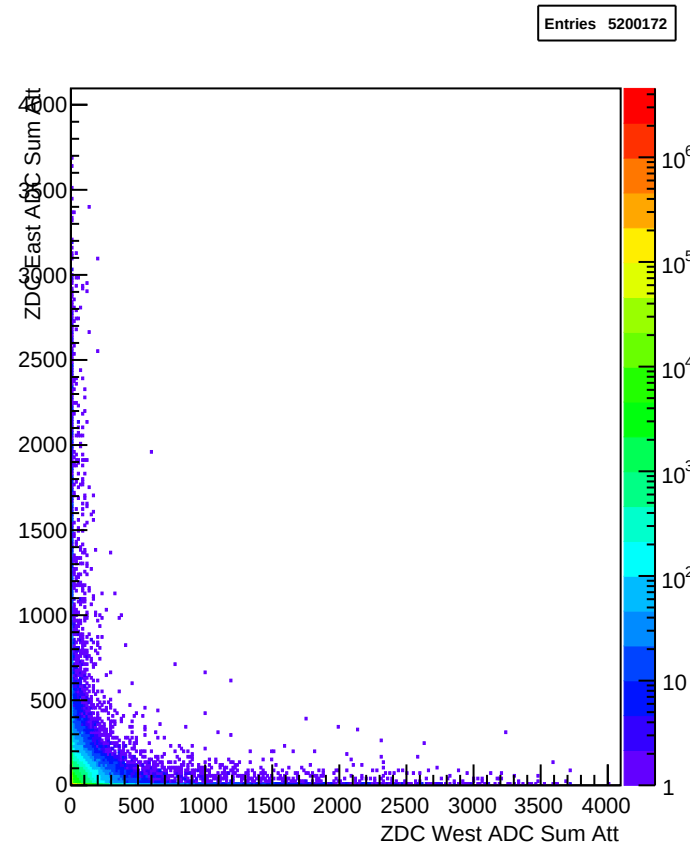

Entries 5200172
BBC-S-East ADC Sum
VPD-East ADC Sum

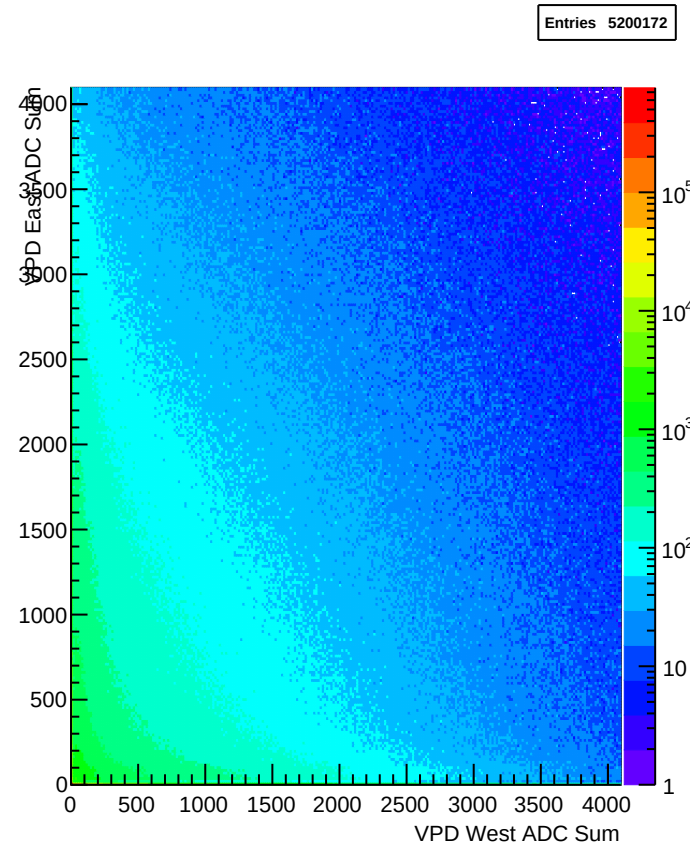

Entries 5200172
BBC-S-West ADC Sum
VPD-West ADC Sum

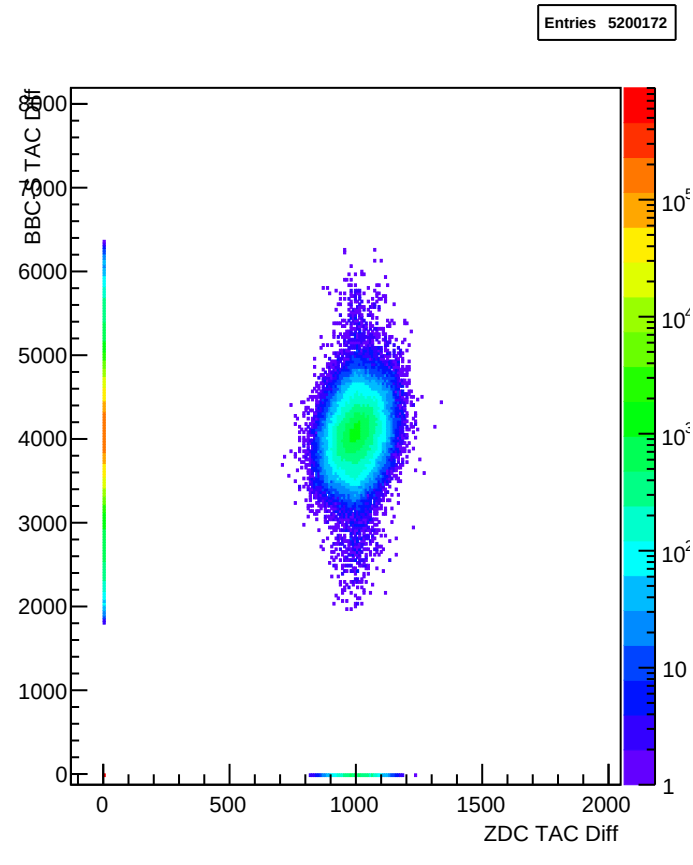

Entries 5200172
VPD-East ADC Sum
ZDC-East ADC Sum Att

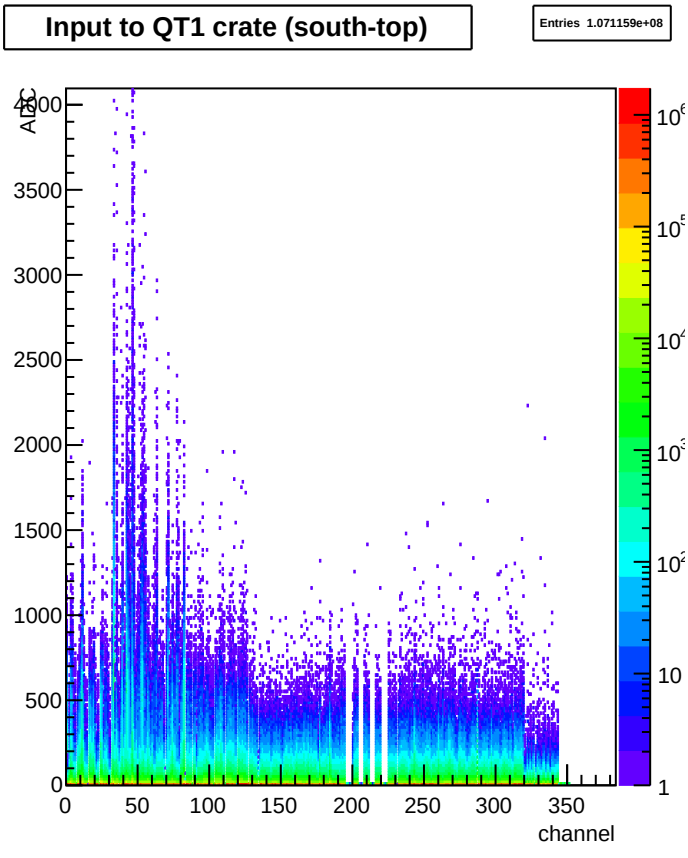

Entries 5200172
VPD-West ADC Sum
ZDC-West ADC Sum Att

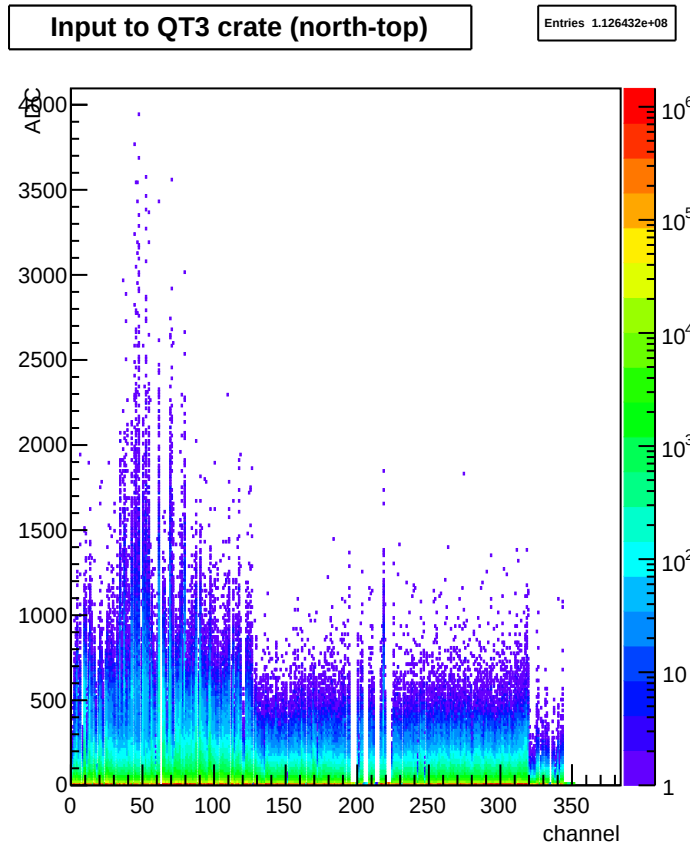

Entries 5200172
BBC-S-East ADC Sum
BBC-S-West ADC Sum

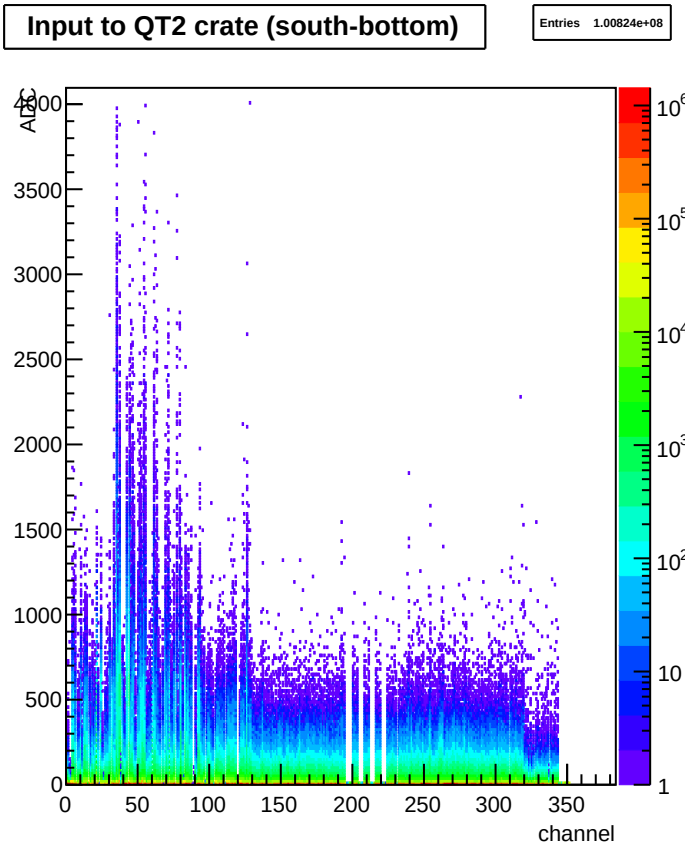

Entries 5200172
ZDC East ADC Sum Att
ZDC West ADC Sum Att

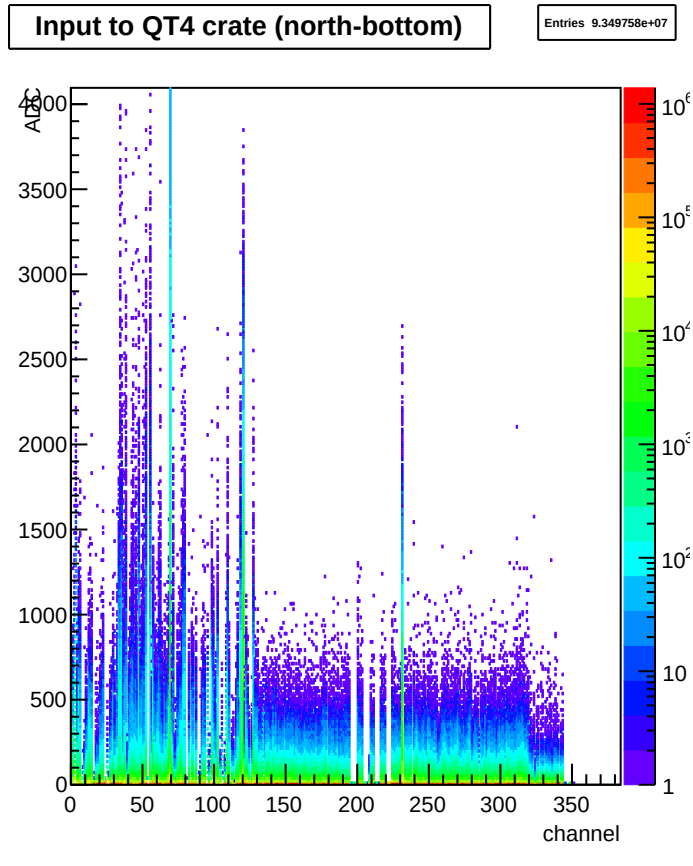

Entries 5200172
VPD East ADC Sum
VPD West ADC Sum

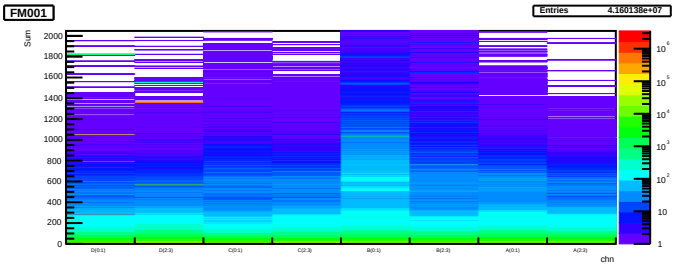

Entries 5200172
BBC-S TAC Diff
ZDC TAC Diff

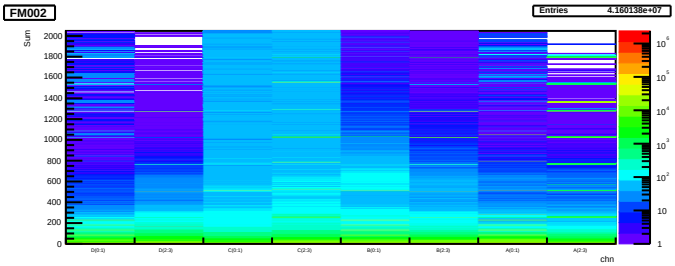

Input to QT1 crate (south-top)
Entries 1.071159e+08
ADC
channel

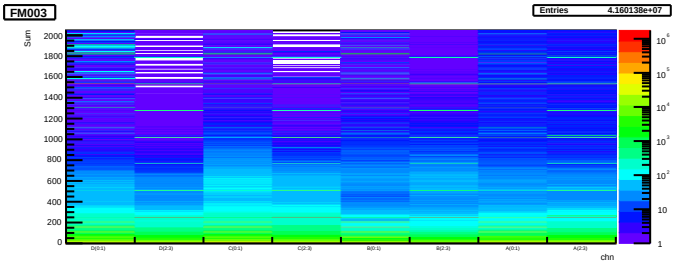

Input to QT3 crate (north-top)
Entries 1.126432e+08
ADC
channel


Input to QT2 crate (south-bottom)
Entries 1.00824e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 9.349758e+07
ADC
channel


FM001
Entries 4.160138e+07
Sum
chn


FM002
Entries 4.160138e+07
Sum
chn


FM003
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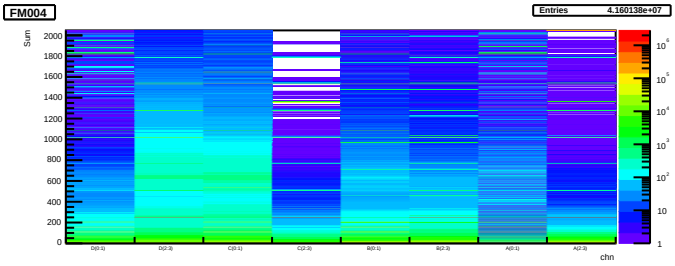
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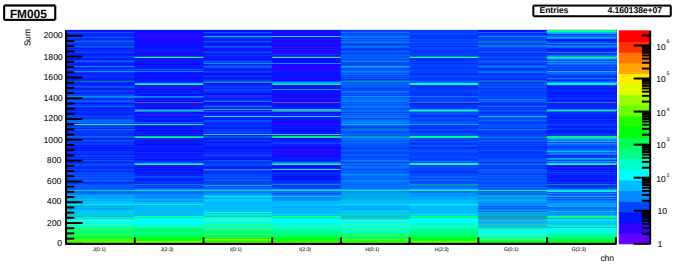
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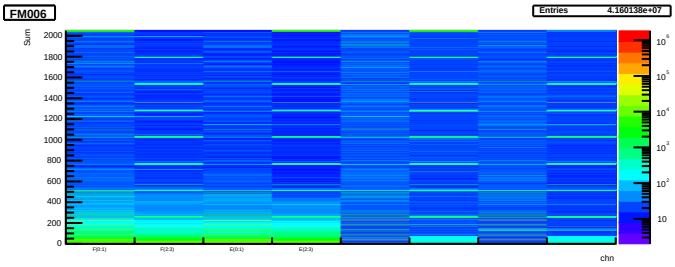
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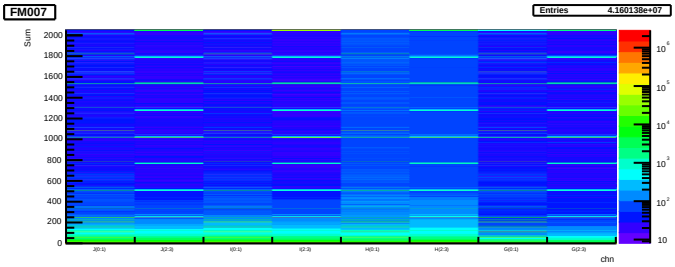
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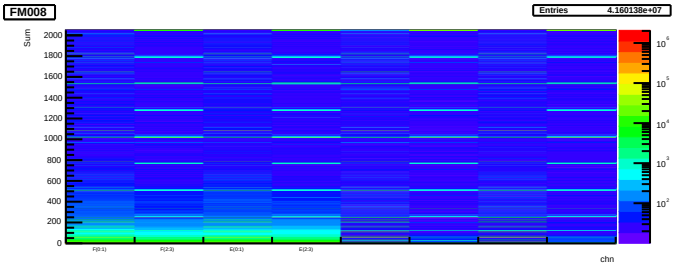
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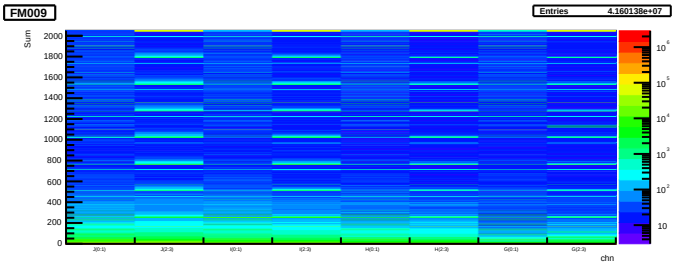
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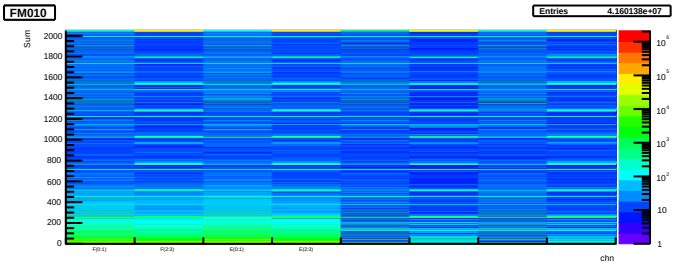
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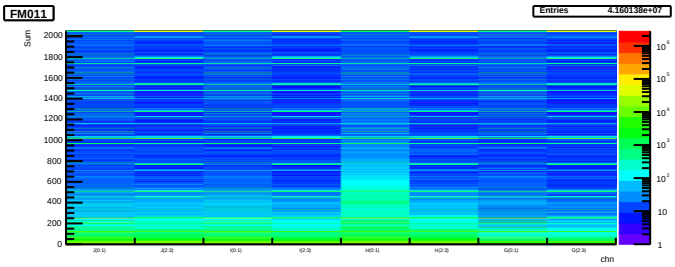
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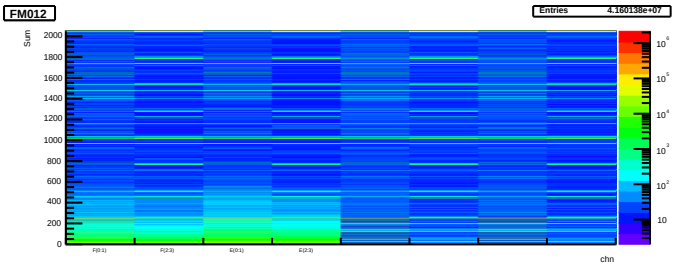
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Entries 4.160138e+07
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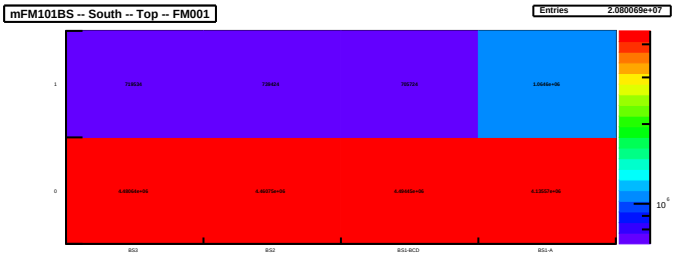
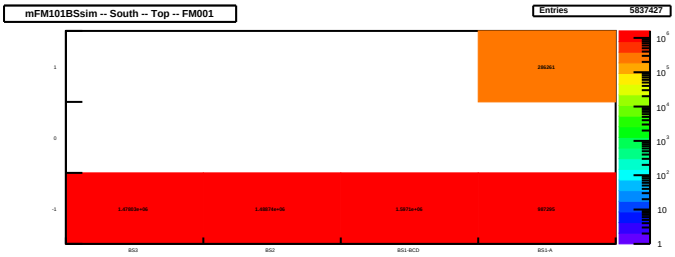

mFM101BS -- South -- Top -- FM001
Entries 2.080069e+07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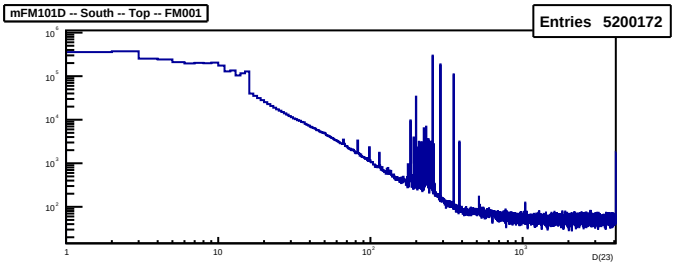
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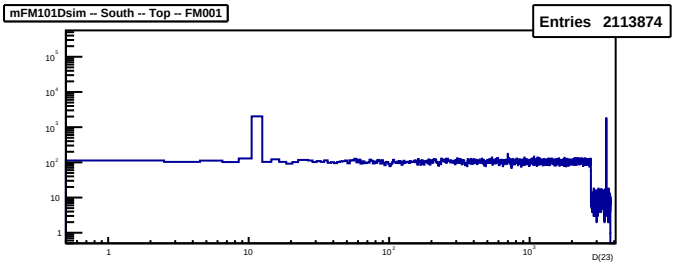
Entries 5200172
D(23)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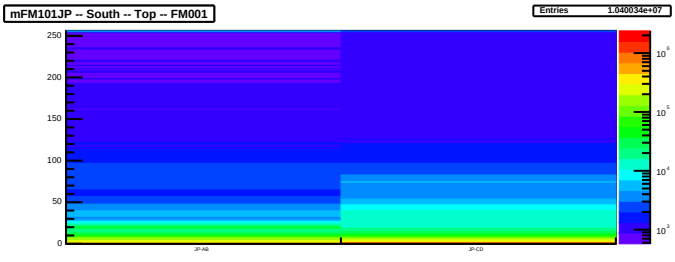
D(23)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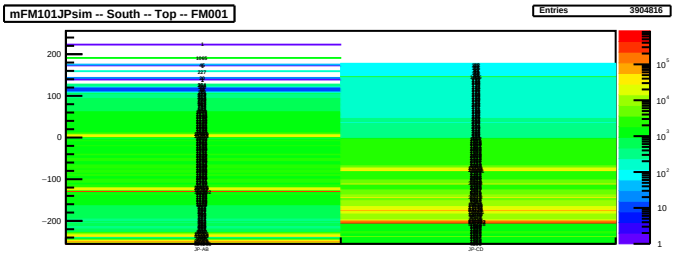
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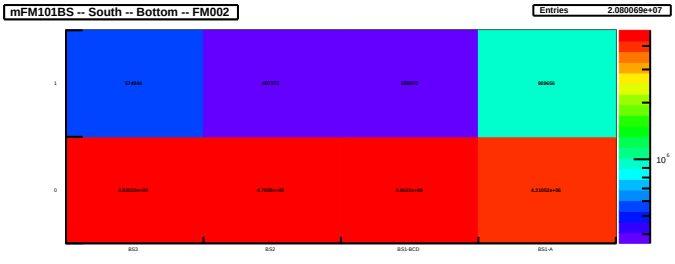
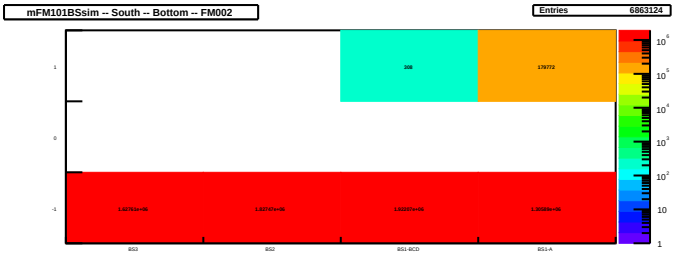

mFM101BS -- South -- Bottom -- FM002
Entries 2.080069e+07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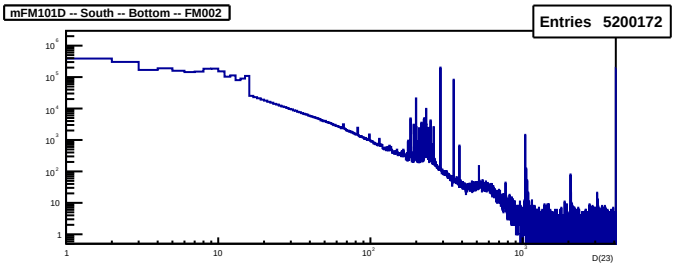
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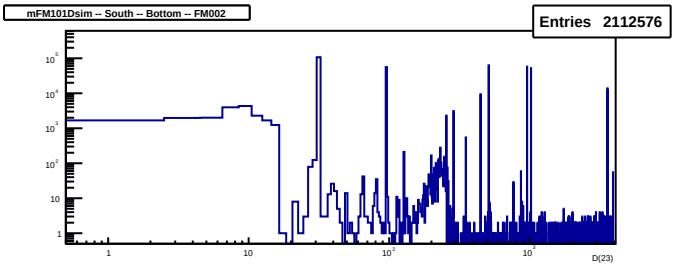
Entries 5200172
D(23)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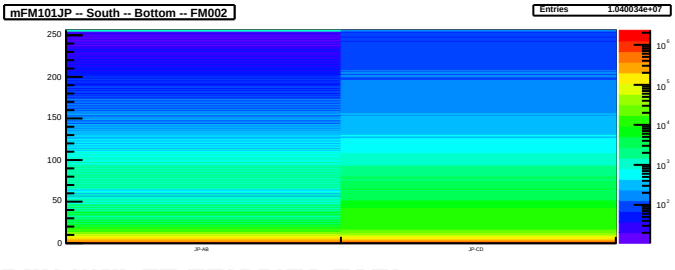
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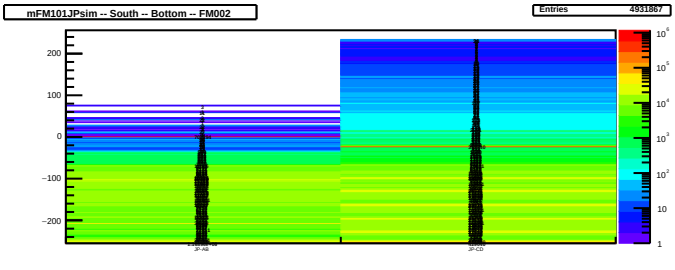
Entries 1.040034e+07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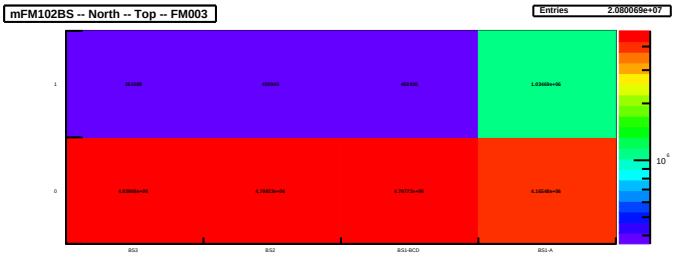
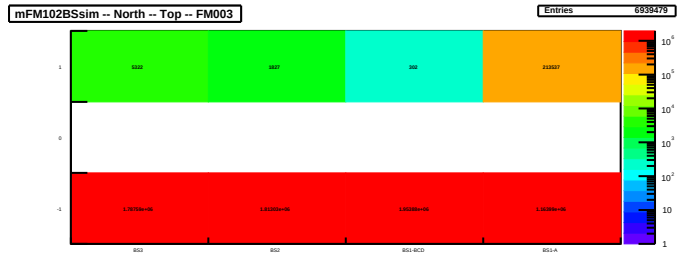

mFM102BS -- North -- Top -- FM003
Entries 2.080069e+07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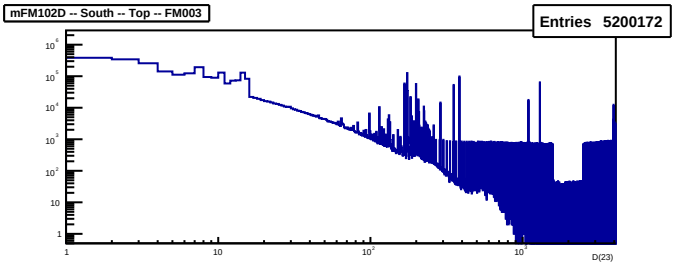
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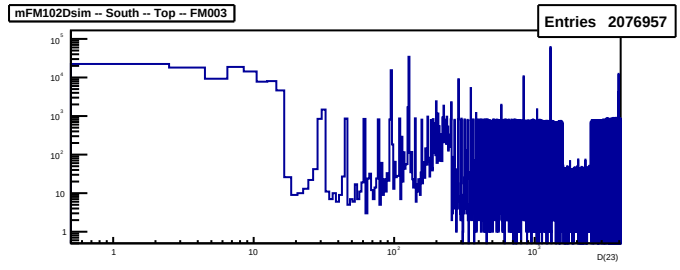
Entries 5200172
D(23)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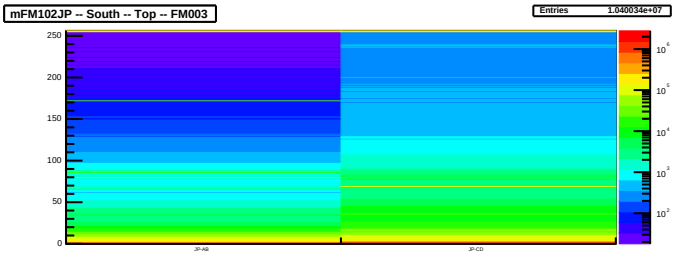
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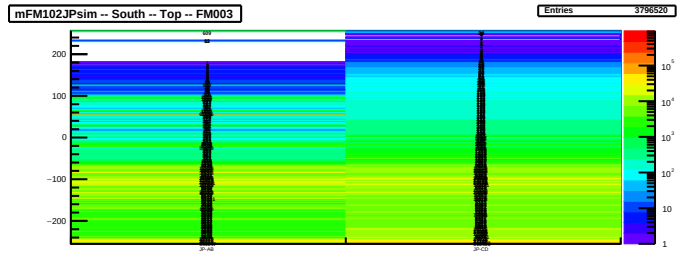
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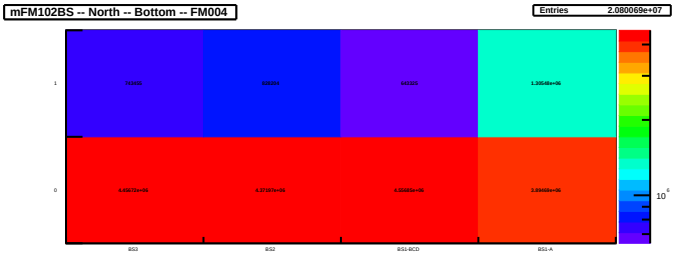
mFM102BS -- North -- Bottom -- FM004
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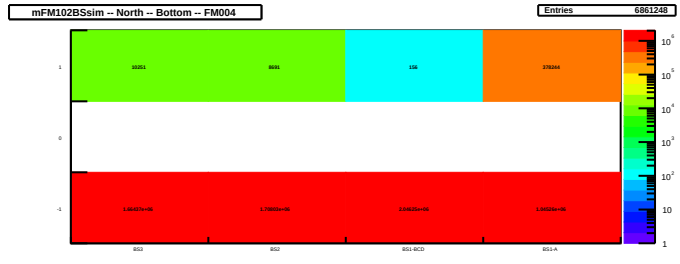
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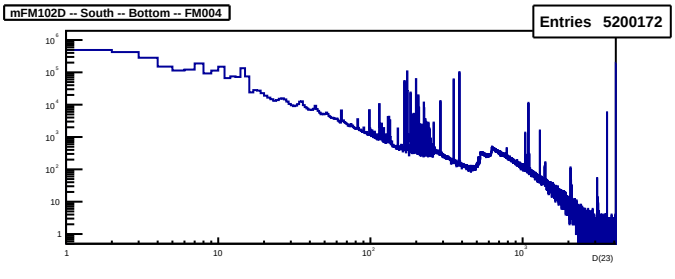
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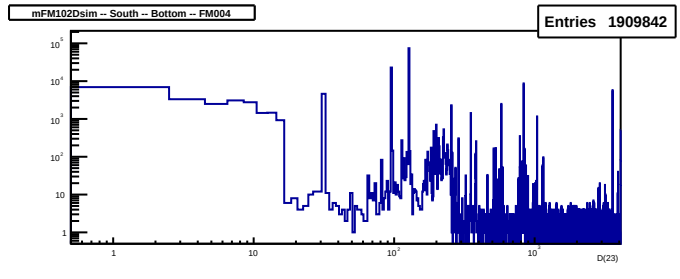
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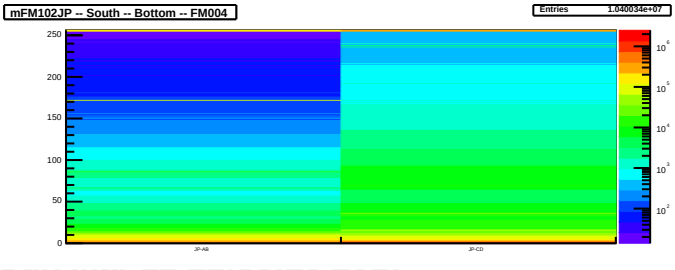
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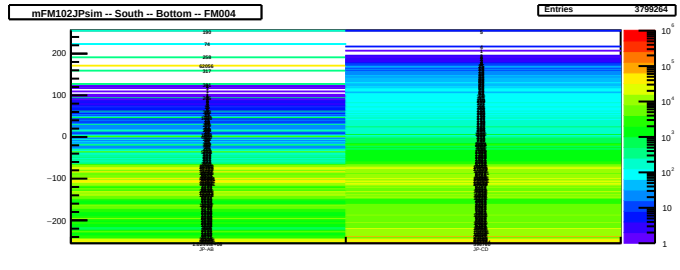
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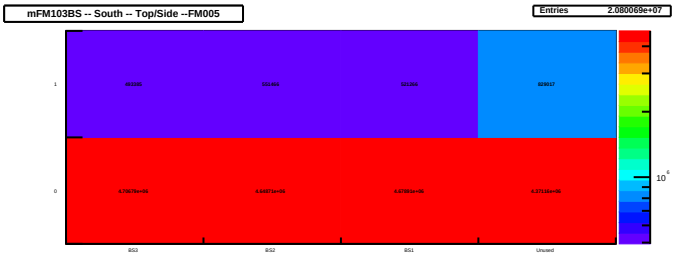
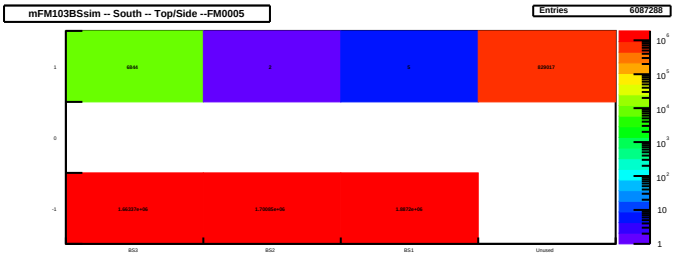

mFM103BS -- South -- Top/Side --FM005
Entries 2.080069e+07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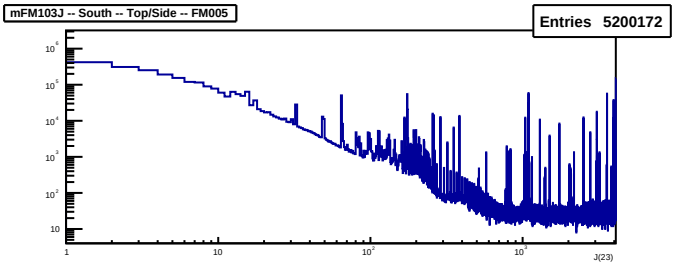
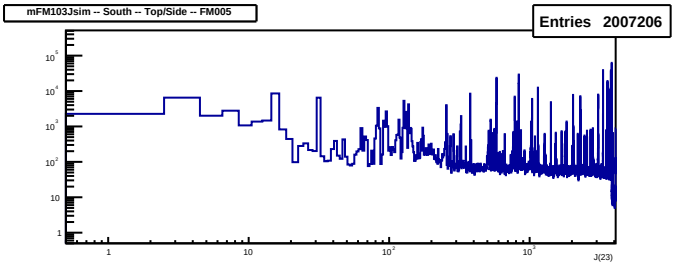

mFM103J -- South -- Top/Side -- FM005
Entries 5200172
J(23)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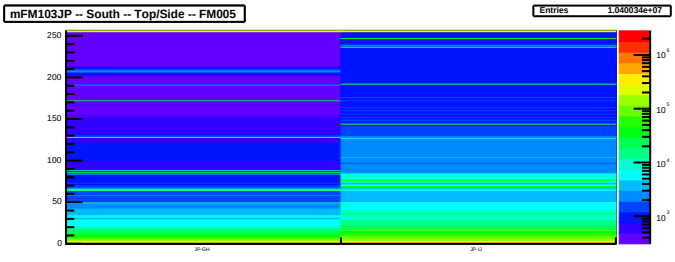
J(23)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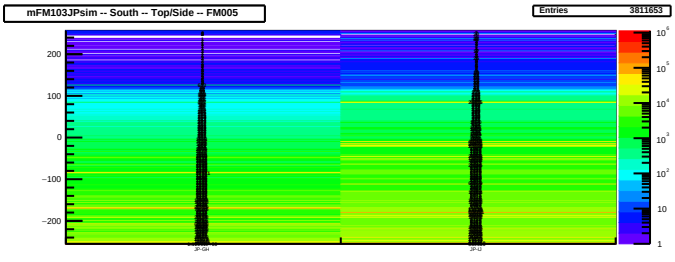
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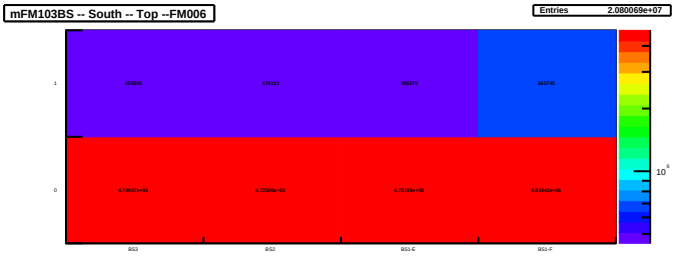
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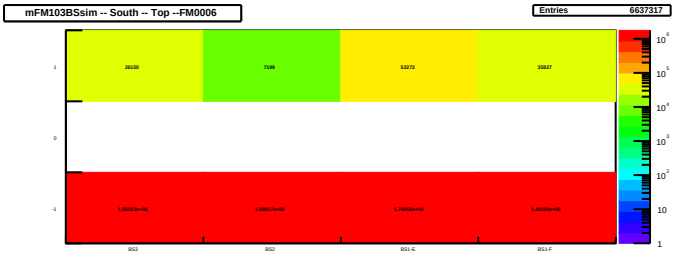
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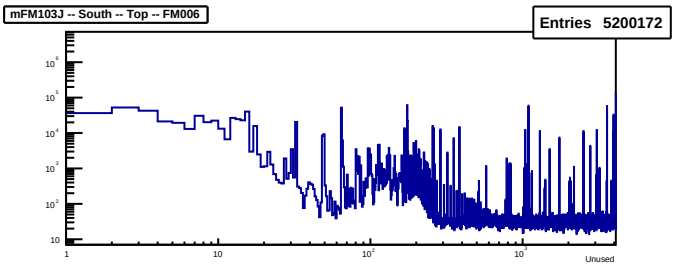
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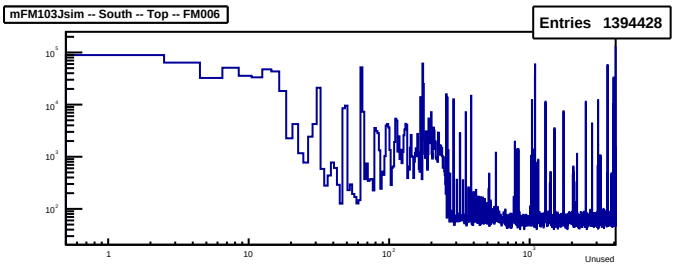
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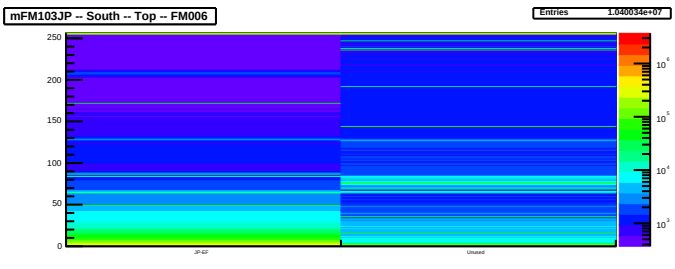
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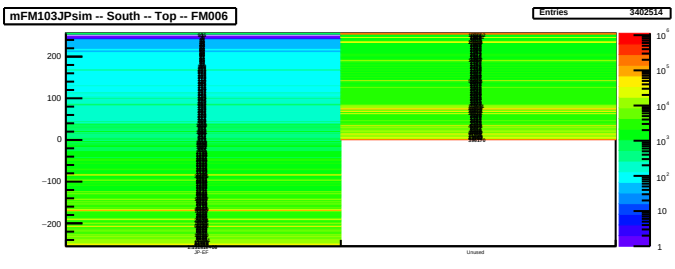
Entries 1.040034e+07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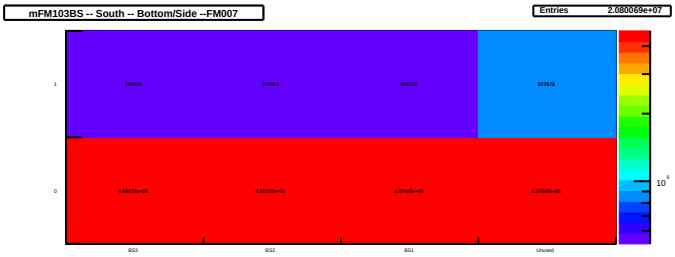
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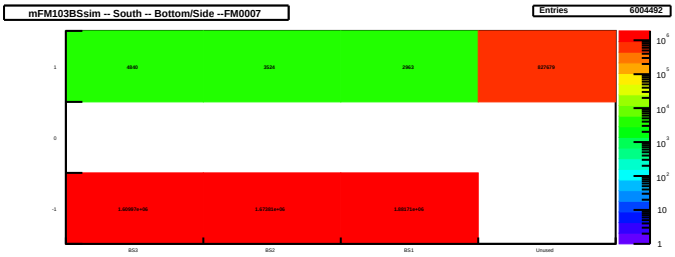
Entries 2.080069e+07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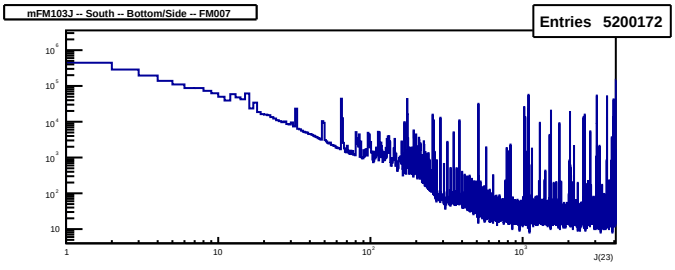
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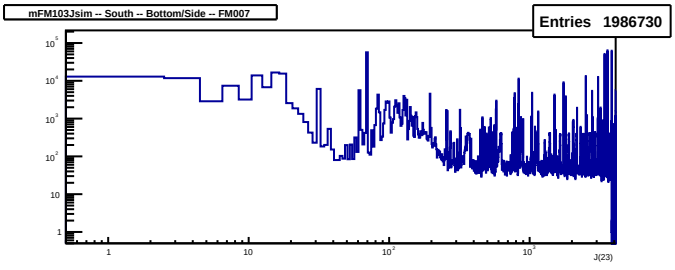
Entries 5200172
J(23)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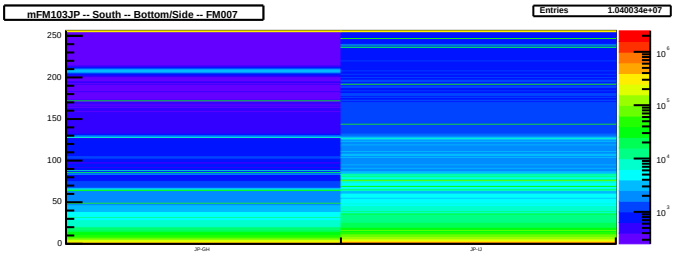
J(23)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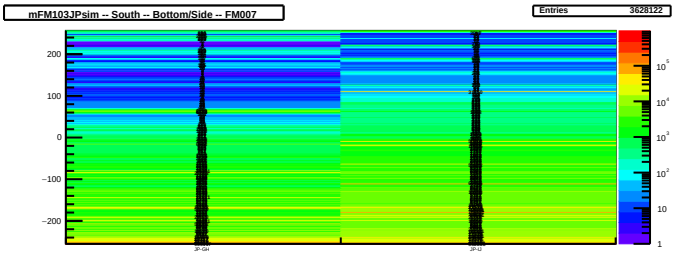
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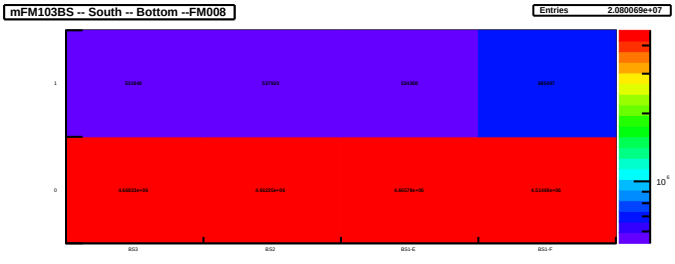
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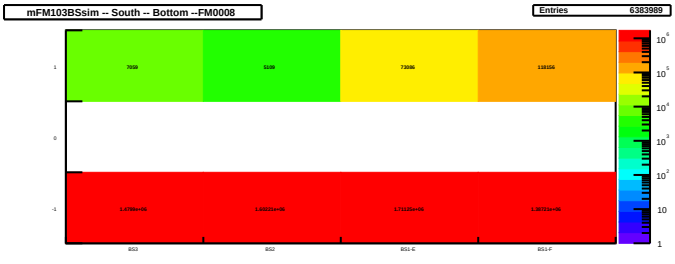
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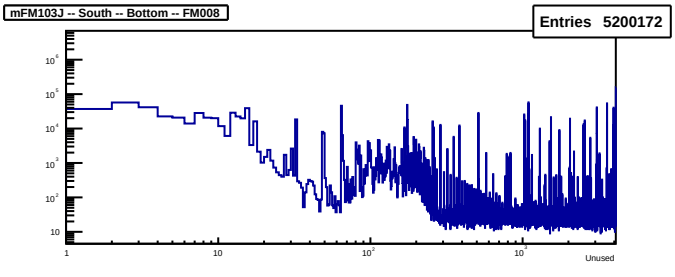
Entries 6383989


mFM103J -- South -- Bottom -- FM008
Entries 5200172
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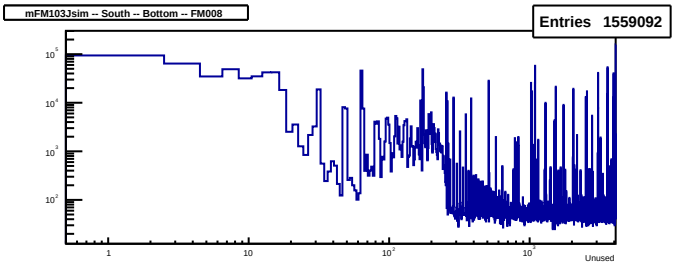
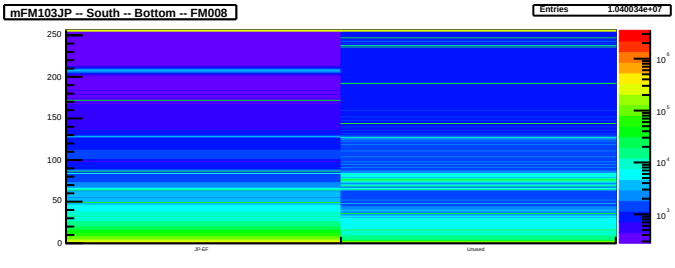
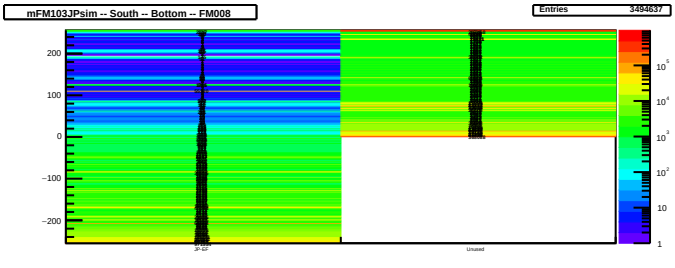
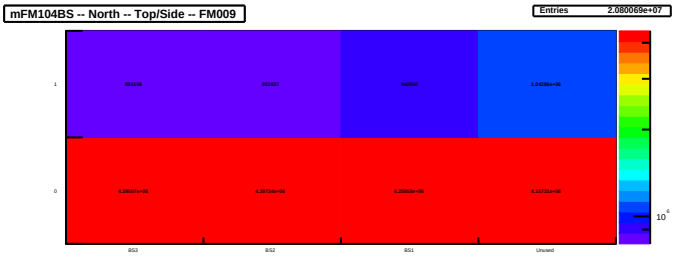
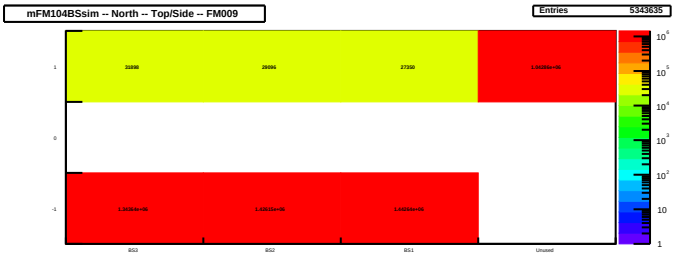
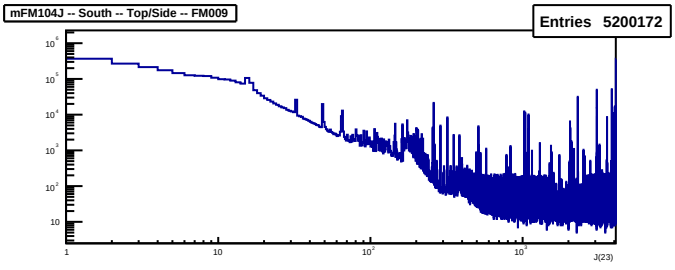

mFM103Jsim -- South -- Bottom -- FM008
Entries 1559092
Unused

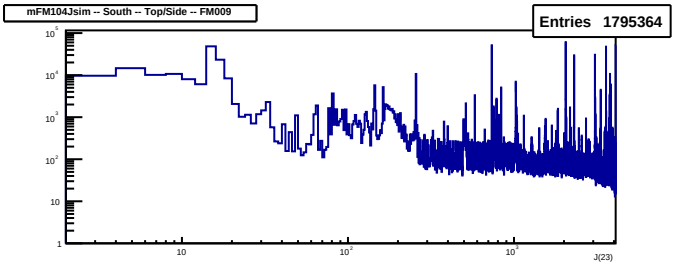

mFM103JP -- South -- Bottom -- FM008
Entries 1.040034e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3494637


mFM104BS -- North -- Top/Side -- FM009
Entries 2.080069e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5343635


mFM104J -- South -- Top/Side -- FM009
Entries 5200172
J(23)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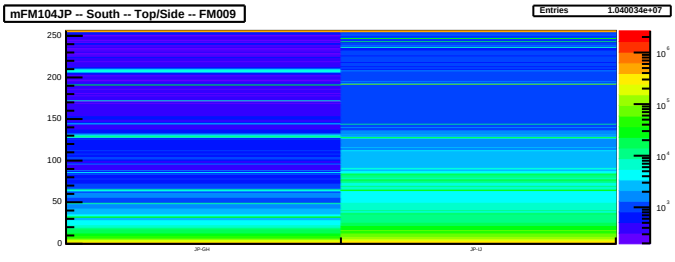
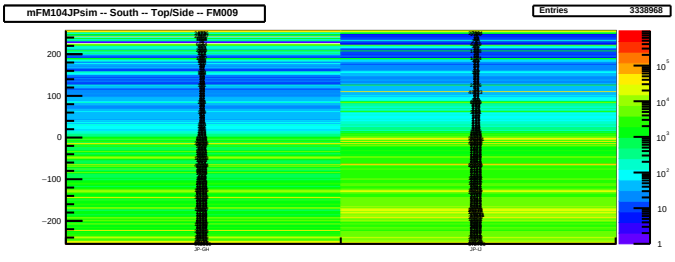
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.040034e+07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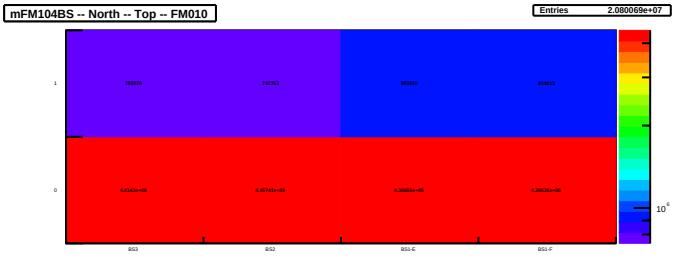
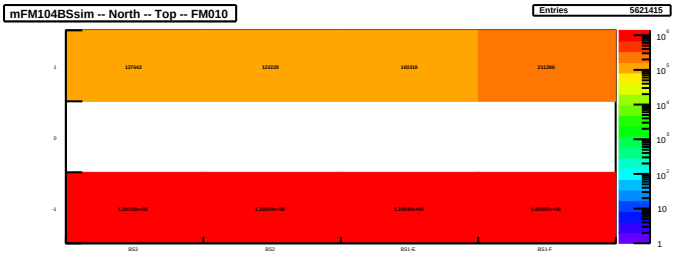
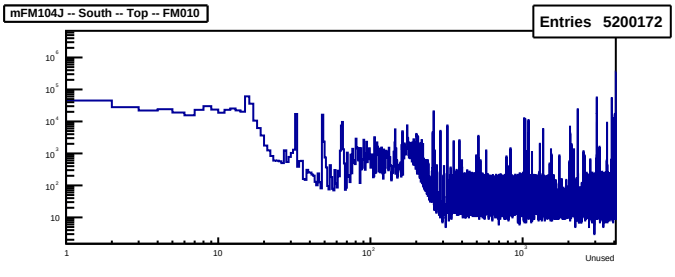
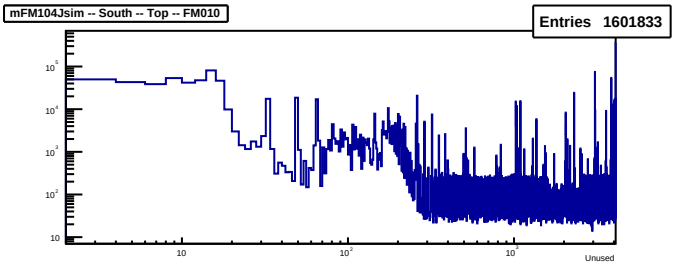
Entries 3338968


mFM104BS -- North -- Top -- FM010
Entries 2.080069e+07


mFM104BSsim -- North -- Top -- FM010
Entries 5621415


mFM104J -- South -- Top -- FM010
Entries 5200172
Unused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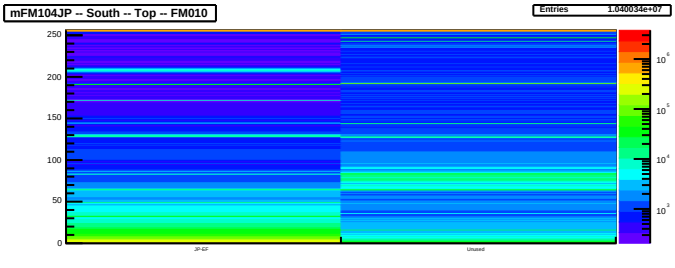
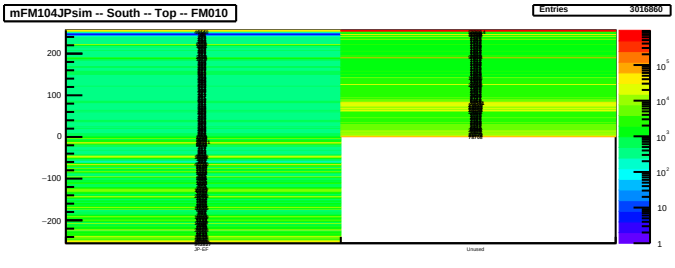
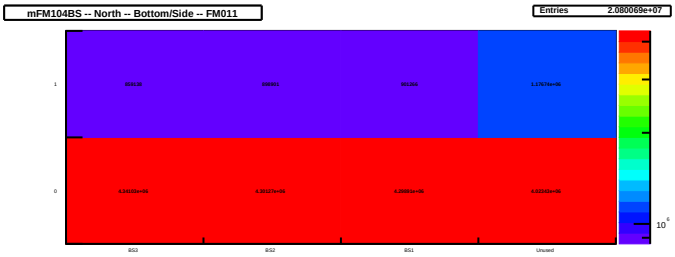
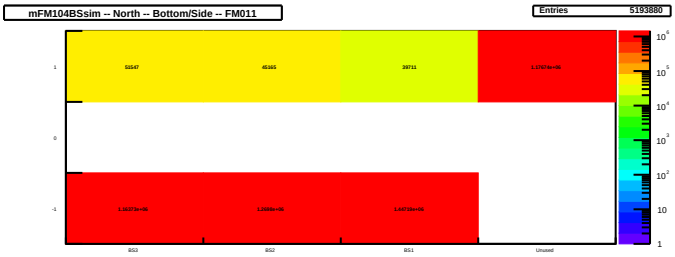
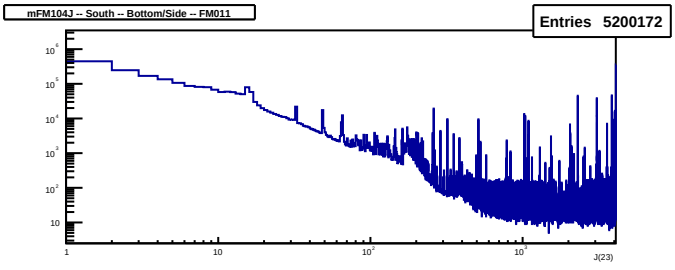
Entries 1601833
Unused

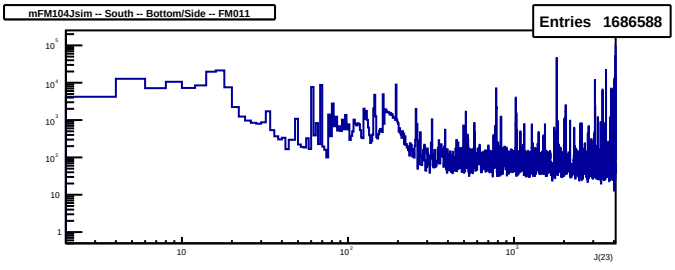

mFM104JP -- South -- Top -- FM010
Entries 1.040034e+07

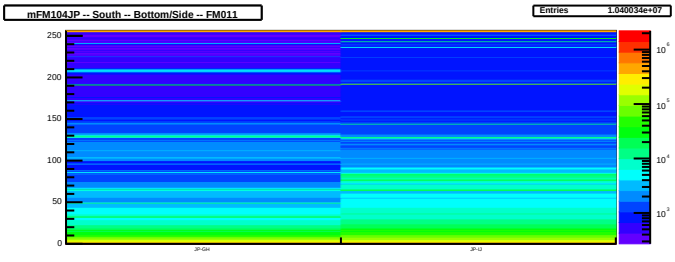

mFM104JPsim -- South -- Top -- FM010
Entries 3016860

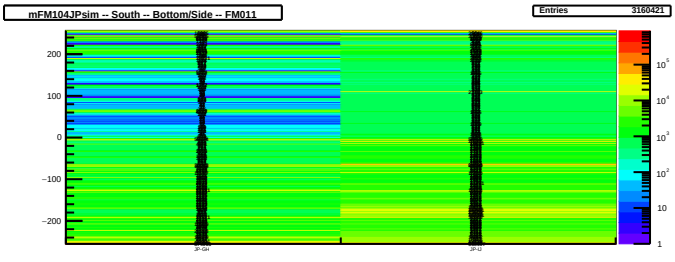

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.080069e+07

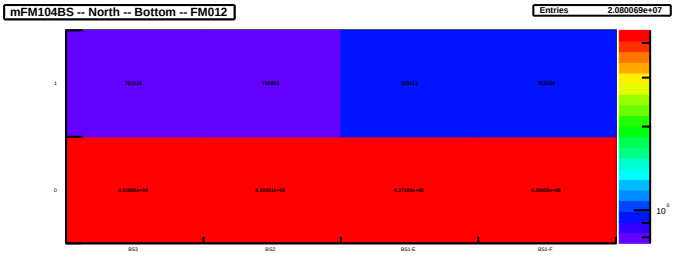

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5193880

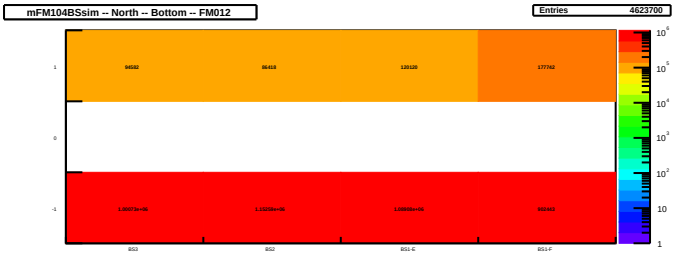

mFM104J -- South -- Bottom/Side -- FM011
Entries 5200172
J(23)

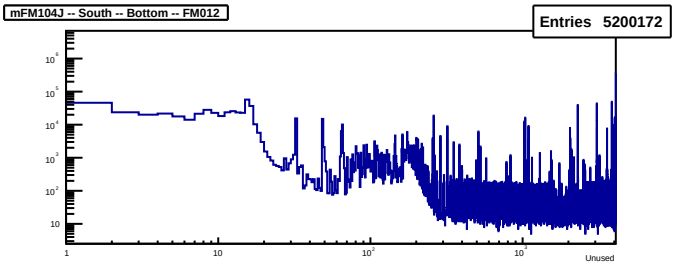

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1686588
J(23)

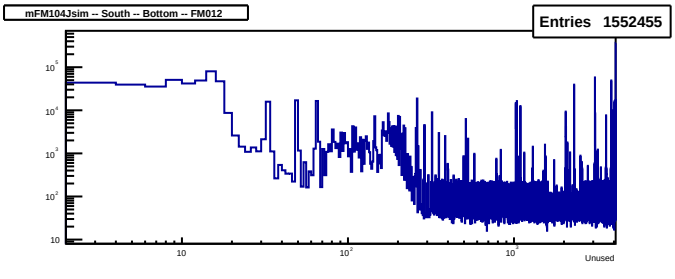

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.040034e+07

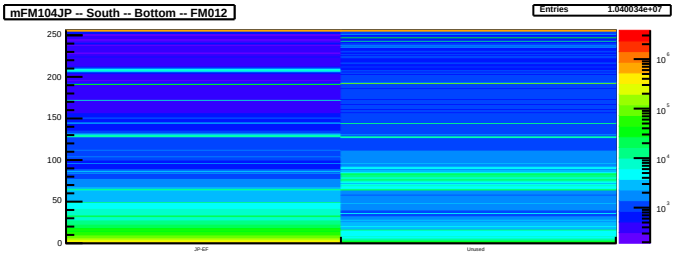

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3160421

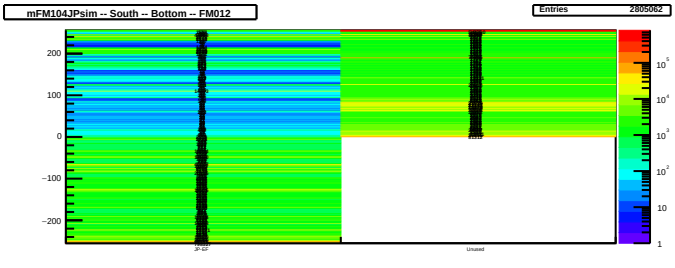

mFM104BS -- North -- Bottom -- FM012
Entries 2.080069e+07

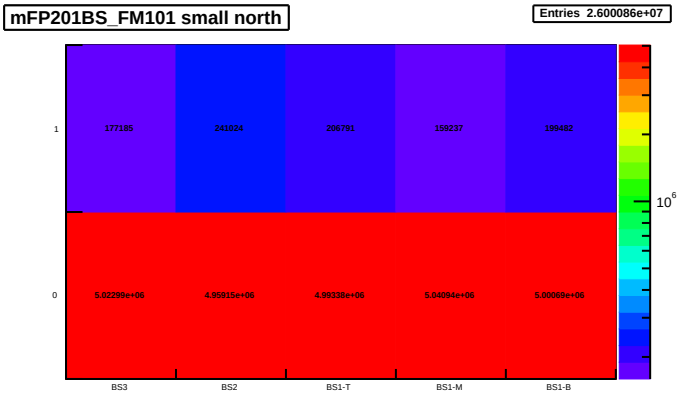

mFM104BSsim -- North -- Bottom -- FM012
Entries 4623700

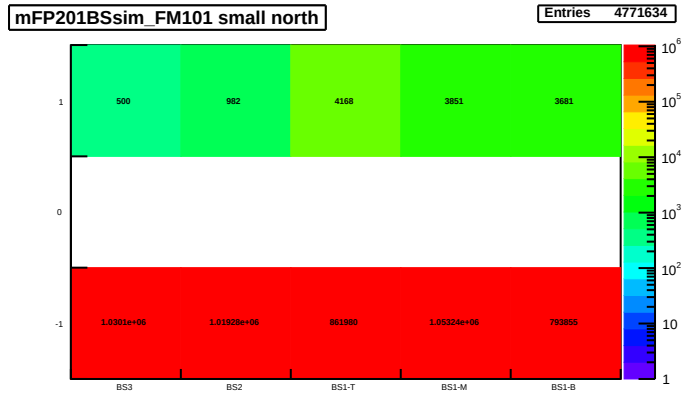

mFM104J -- South -- Bottom -- FM012
Entries 5200172
Unused

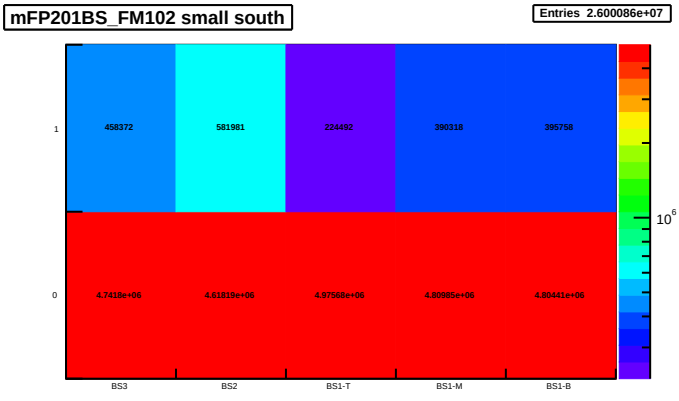

mFM104Jsim -- South -- Bottom -- FM012
Entries 1552455
Unused

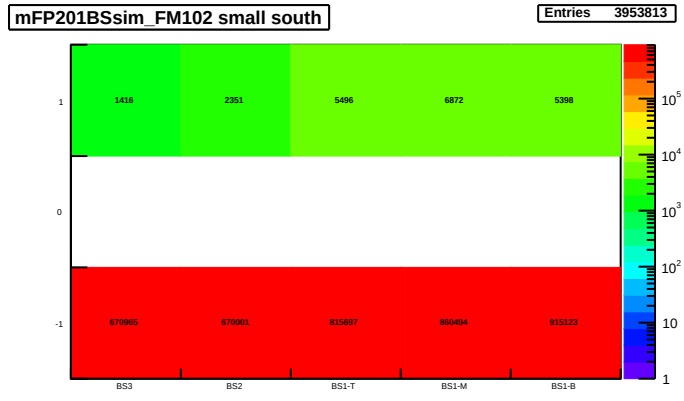

mFM104JP -- South -- Bottom -- FM012
Entries 1.040034e+07

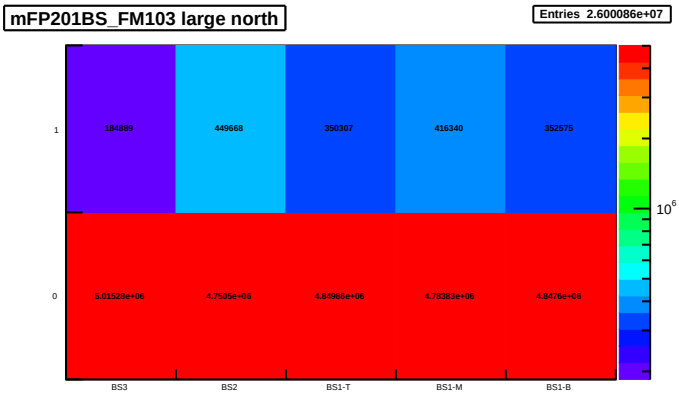

mFM104JPsim -- South -- Bottom -- FM012
Entries 2805062

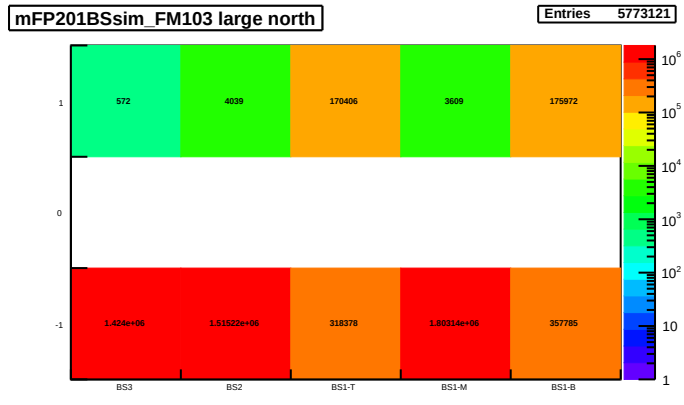

mFP201BS_FM101 small north
Entries 2.600086e+07
1
0
177185
241024
206791
159237
199482
5.02299e+06
4.95915e+06
4.99338e+06
5.04094e+06
5.00069e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

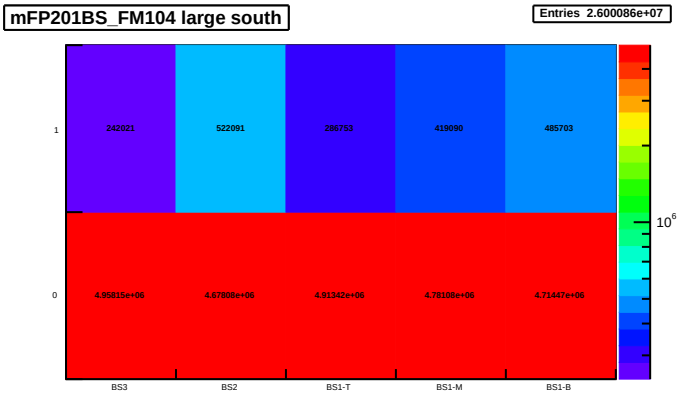

mFP201BSsim_FM101 small north
Entries 4771634
1
0
-1
500
982
4168
3851
3681
1.0301e+06
1.01928e+06
861980
1.05324e+06
793855
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

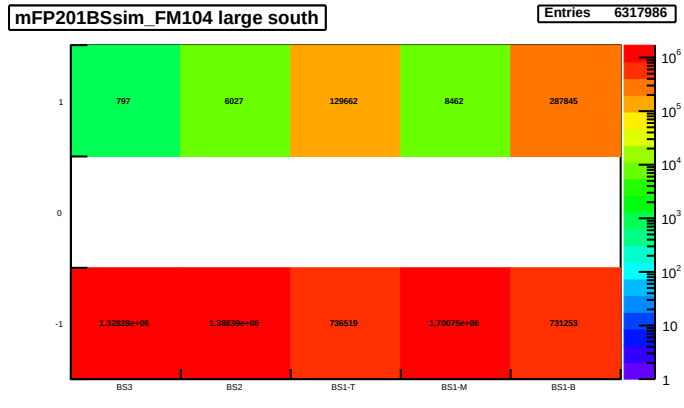

mFP201BS_FM102 small south
Entries 2.600086e+07
1
0
458372
581981
224492
390318
395758
4.7418e+06
4.61819e+06
4.97568e+06
4.80985e+06
4.80441e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

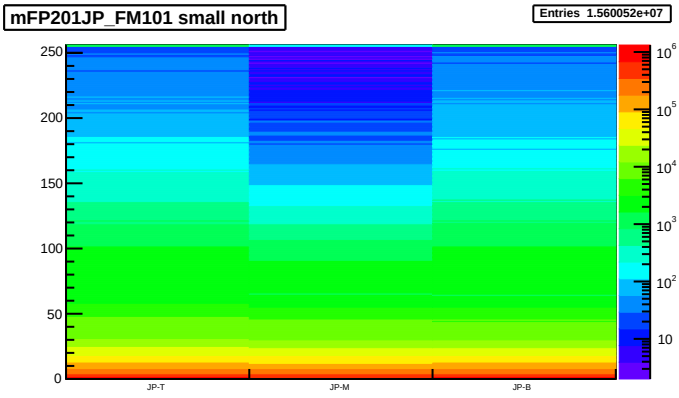

mFP201BSsim_FM102 small south
Entries 3953813
1
0
-1
1416
2351
5496
6872
5398
670965
670001
815697
860494
915123
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

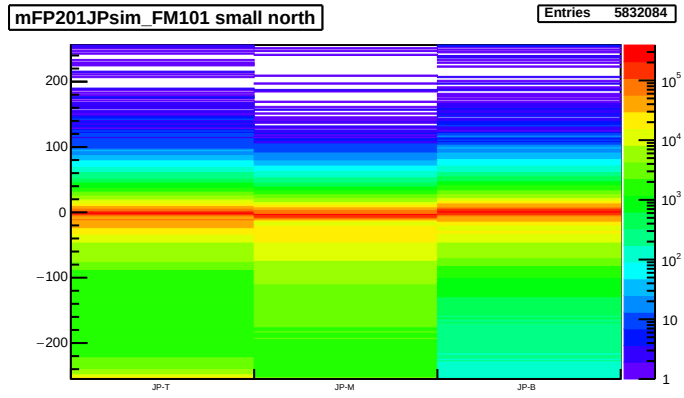

mFP201BS_FM103 large north
Entries 2.600086e+07
1
0
184889
449668
350307
416340
352575
5.01528e+06
4.7505e+06
4.84986e+06
4.78383e+06
4.8476e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

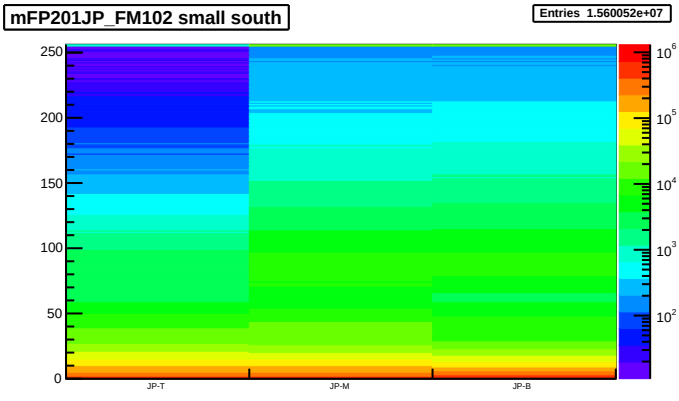

mFP201BSsim_FM103 large north
Entries 5773121
1
0
-1
572
4039
170406
3609
175972
1.424e+06
1.51522e+06
318378
1.80314e+06
357785
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

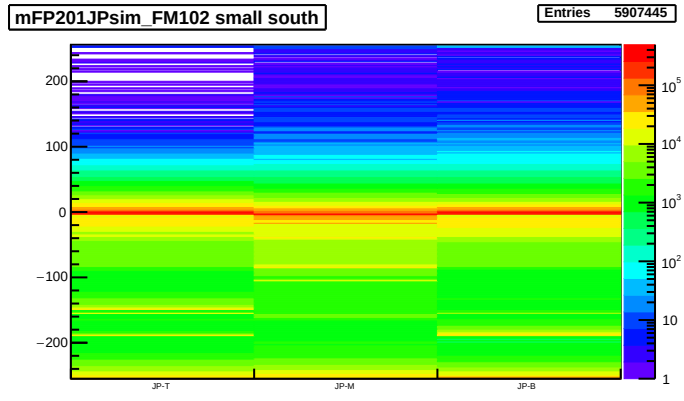

mFP201BS_FM104 large south
Entries 2.600086e+07
1
0
242021
522091
286753
419090
485703
4.95815e+06
4.67808e+06
4.91342e+06
4.78108e+06
4.71447e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

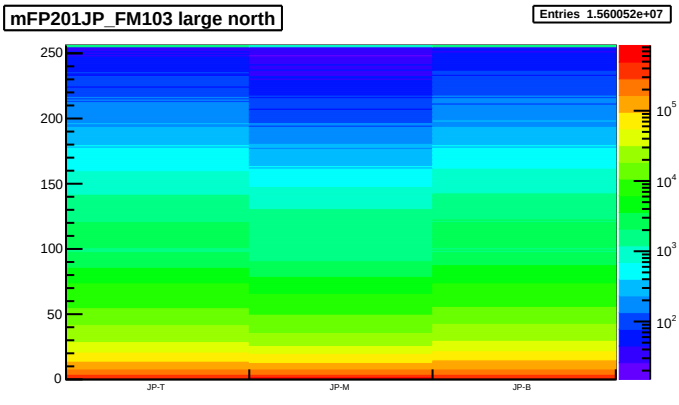

mFP201BSsim_FM104 large south
Entries 6317986
1
0
-1
797
6027
129662
8462
287845
1.32828e+06
1.38839e+06
736519
1.70075e+06
731253
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

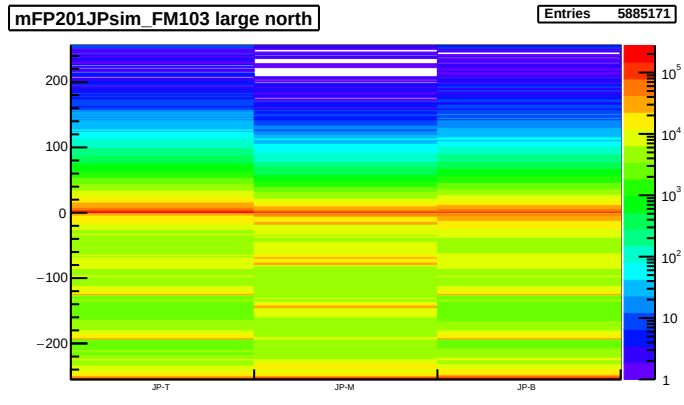

mFP201JP_FM101 small north
Entries 1.560052e+07
JP-T
JP-M
JP-B

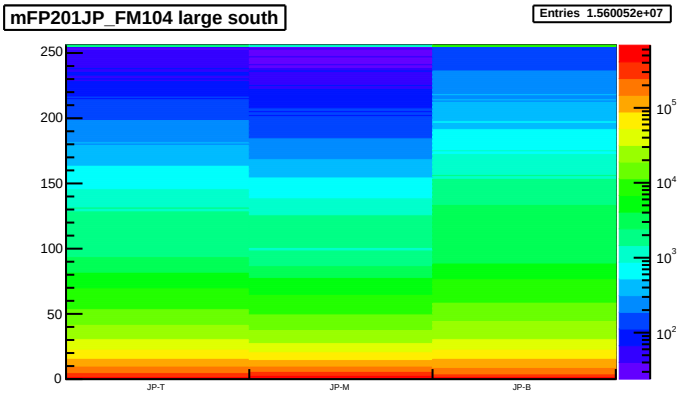

mFP201JPsim_FM101 small north
Entries 5832084
JP-T
JP-M
JP-B

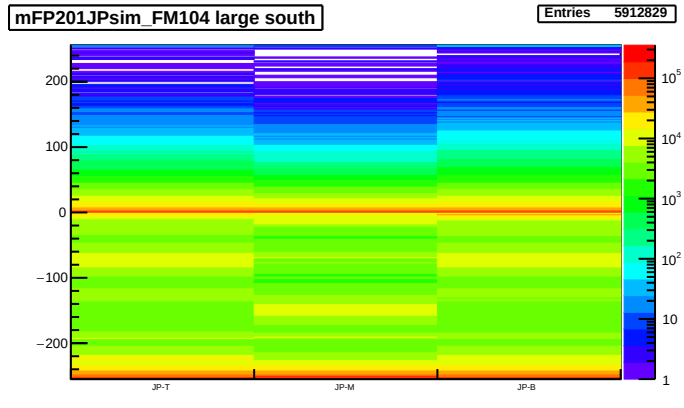

mFP201JP_FM102 small south
Entries 1.560052e+07
JP-T
JP-M
JP-B

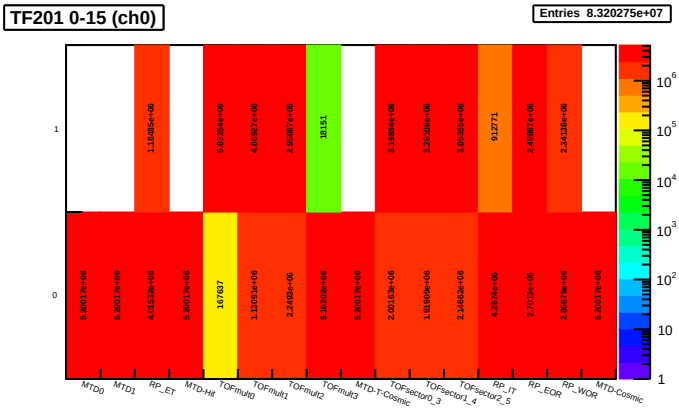

mFP201JPsim_FM102 small south
Entries 5907445
JP-T
JP-M
JP-B

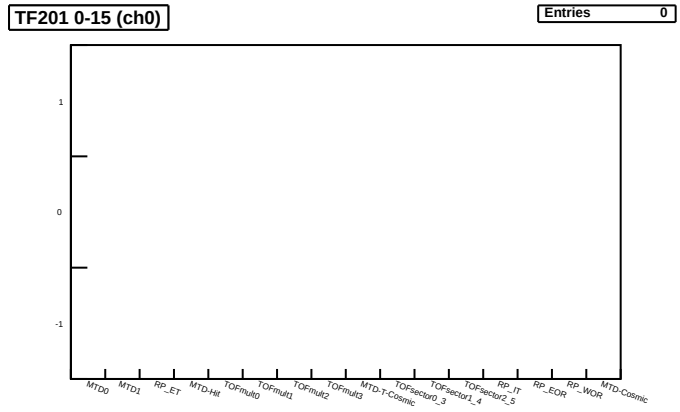

mFP201JP_FM103 large north
Entries 1.560052e+07
JP-T
JP-M
JP-B

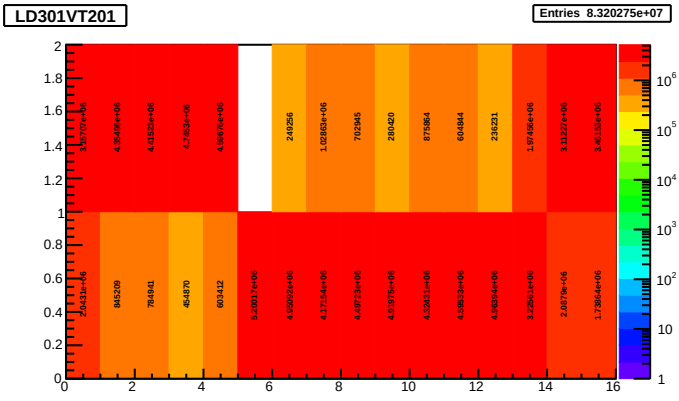

mFP201JPsim_FM103 large north
Entries 5885171
JP-T
JP-M
JP-B

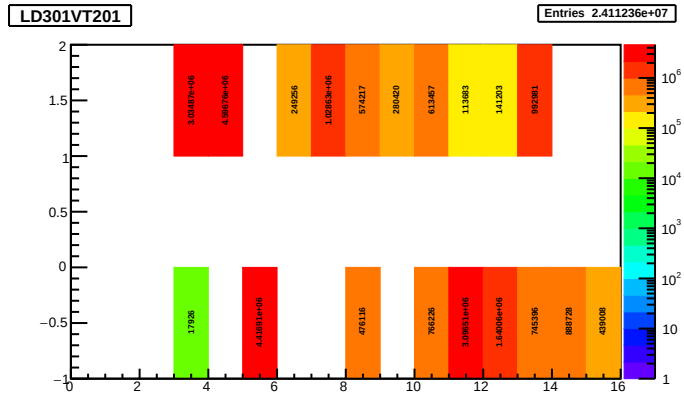

mFP201JP_FM104 large south
Entries 1.560052e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5912829
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.320275e+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 8.320275e+07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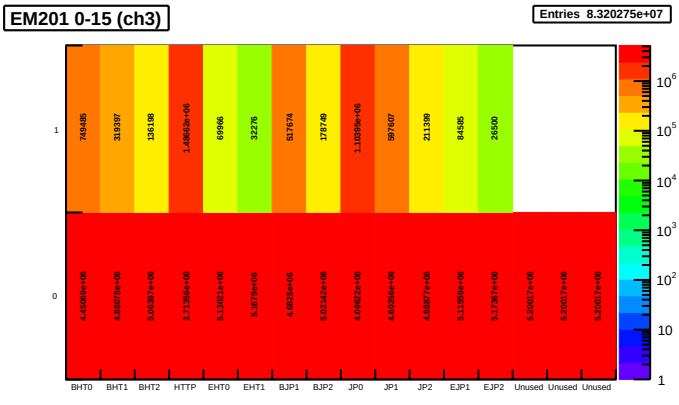
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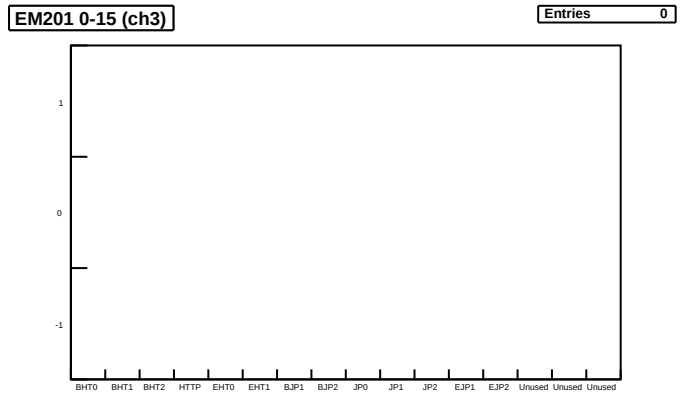
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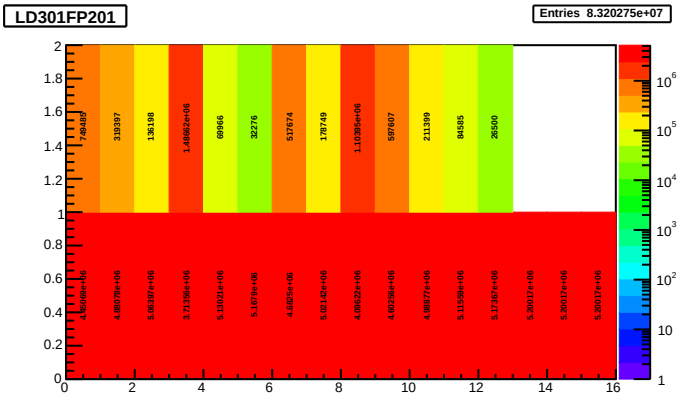
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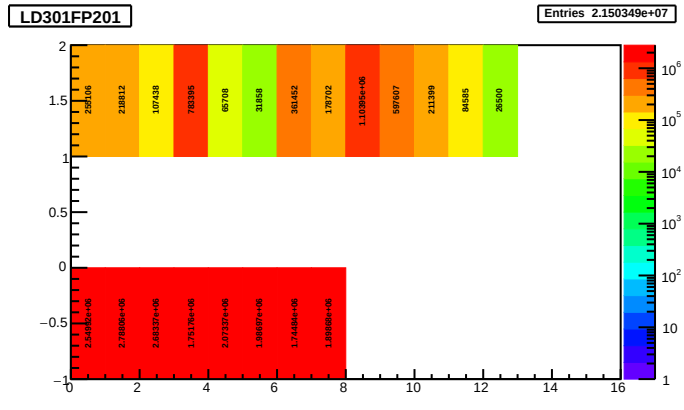
Entries 8.320275e+07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