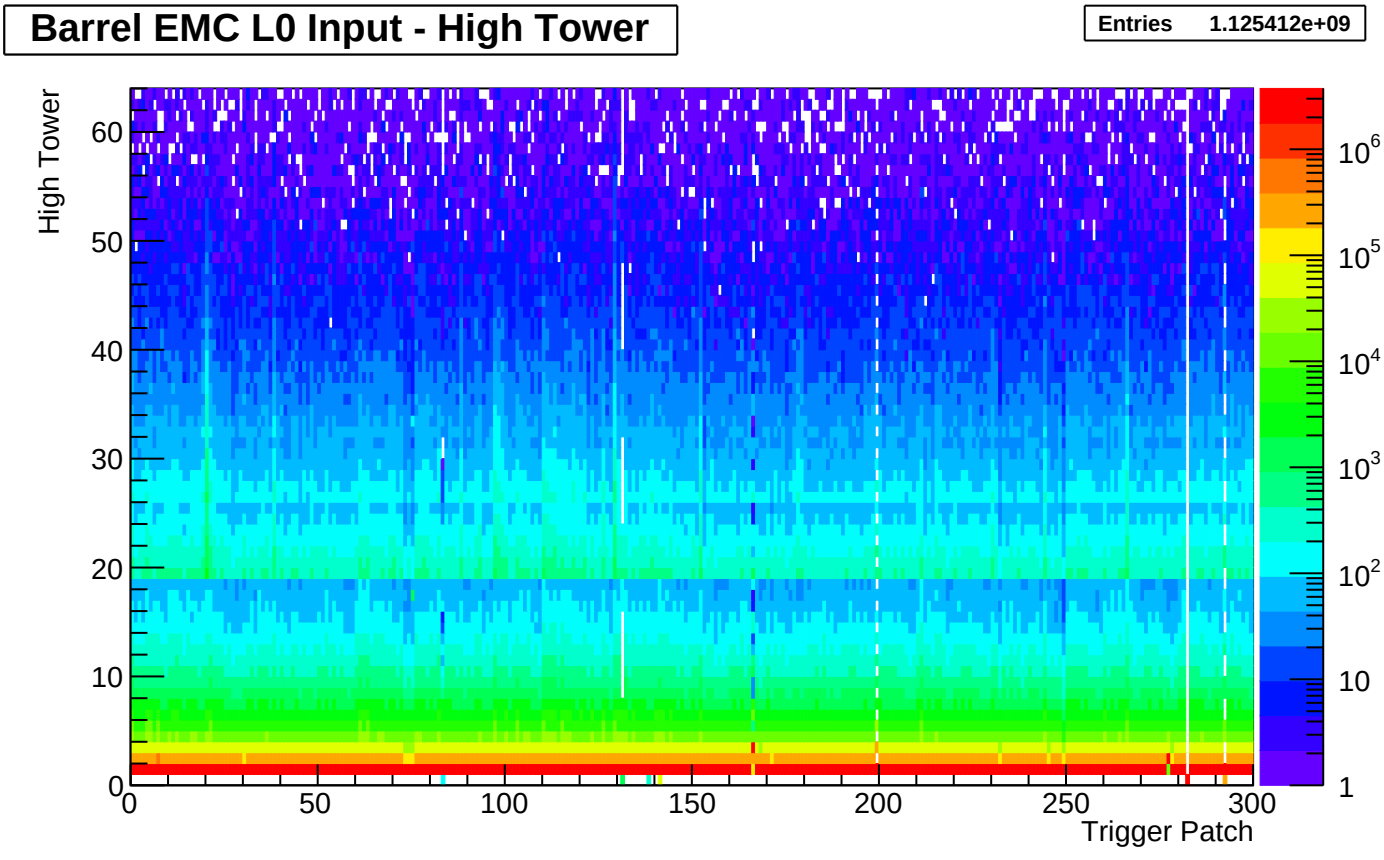
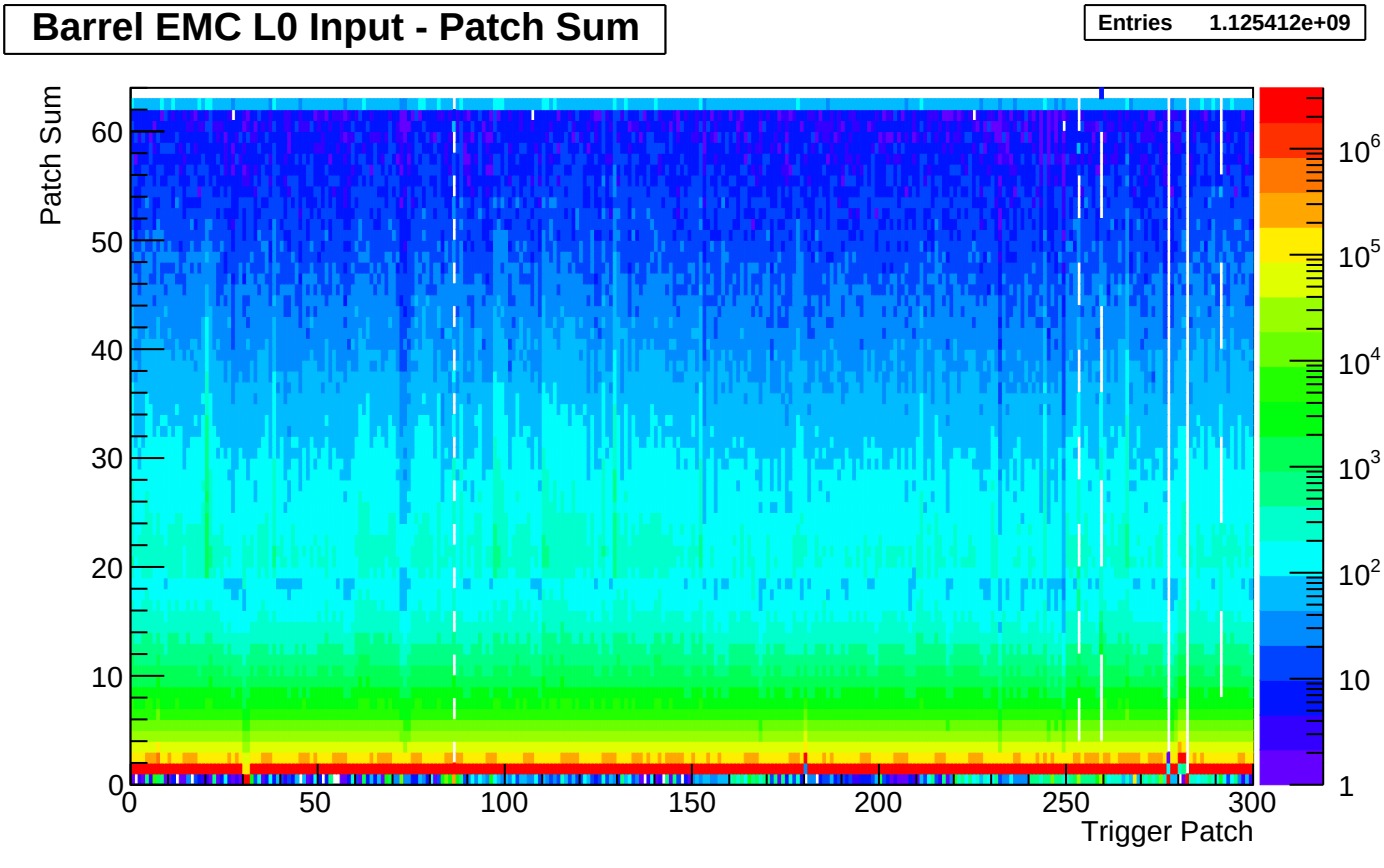
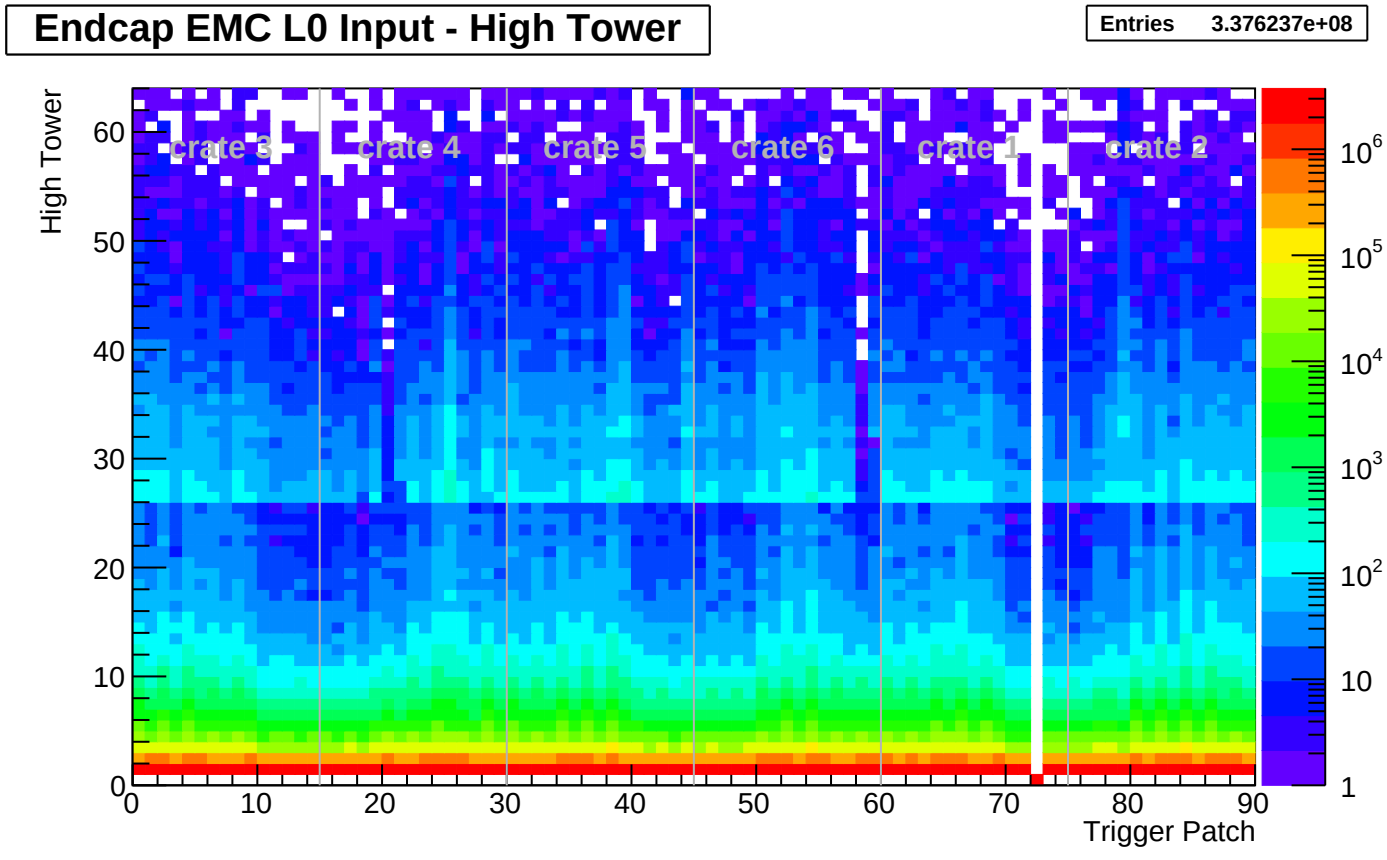
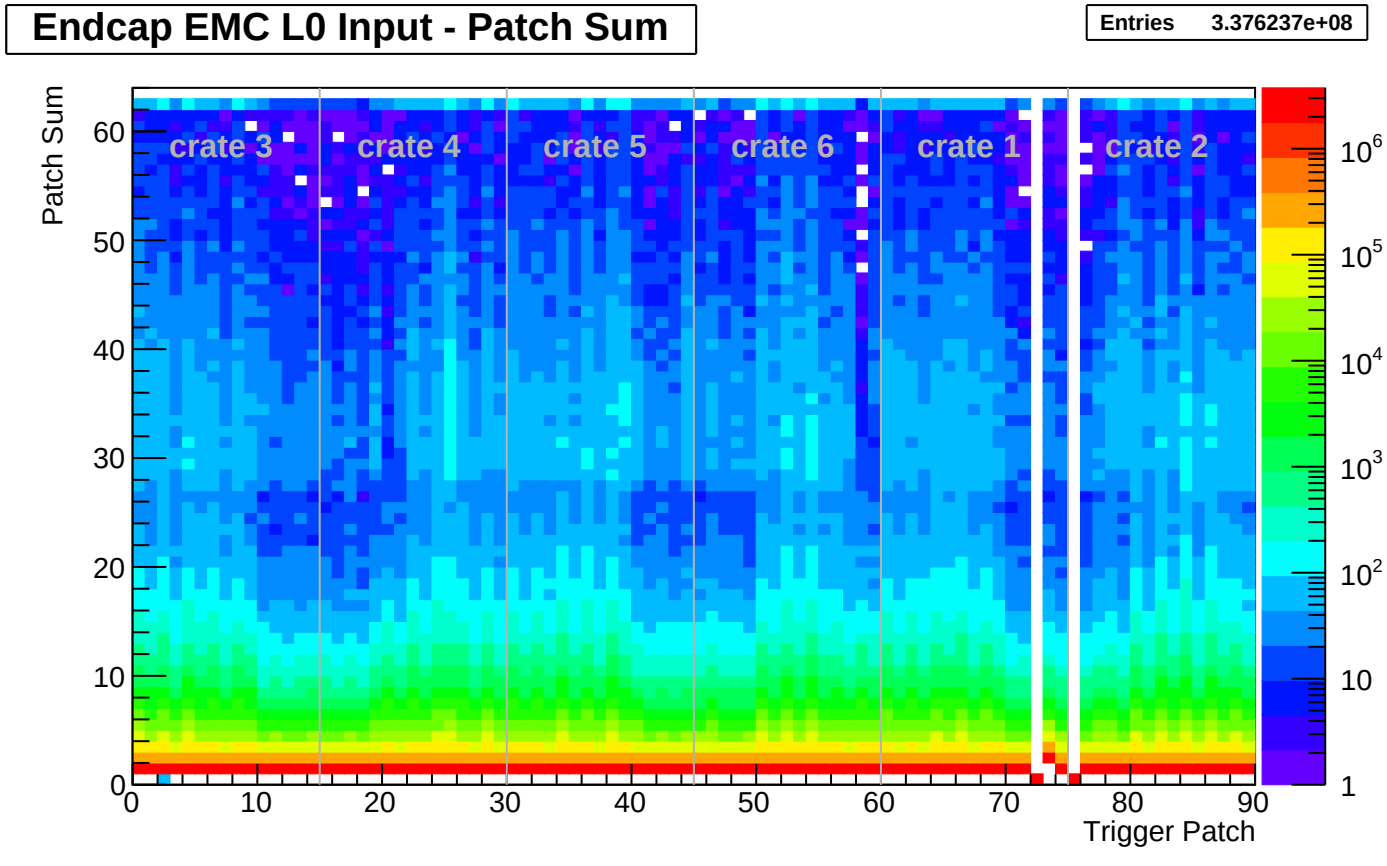
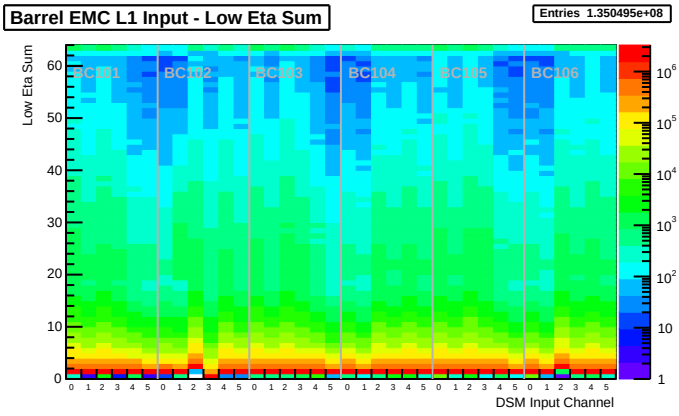
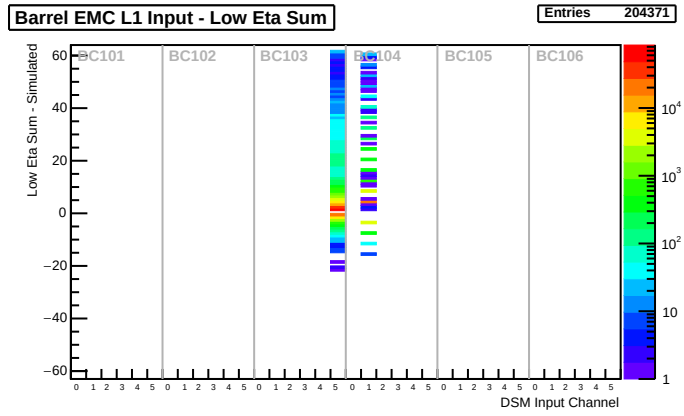

Barrel EMC L0 Input - High Tower
Entries 1.125412e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

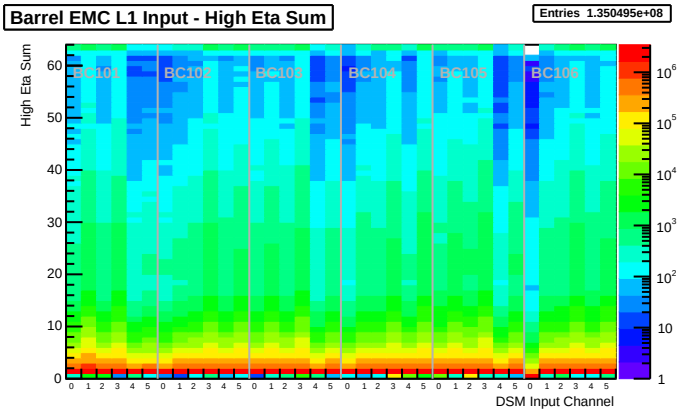

Barrel EMC L0 Input - Patch Sum
Entries 1.125412e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

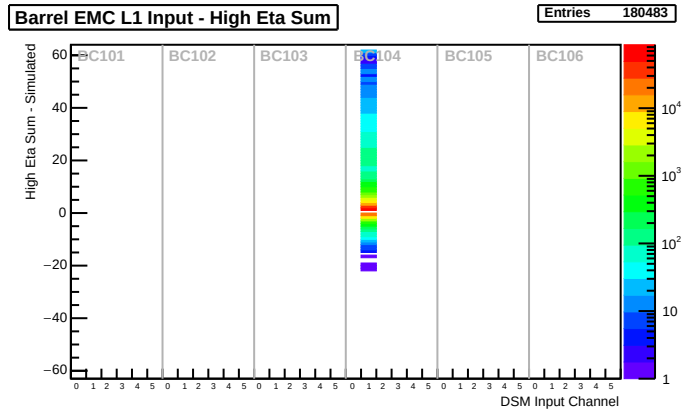

Endcap EMC L0 Input - High Tower
Entries 3.376237e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

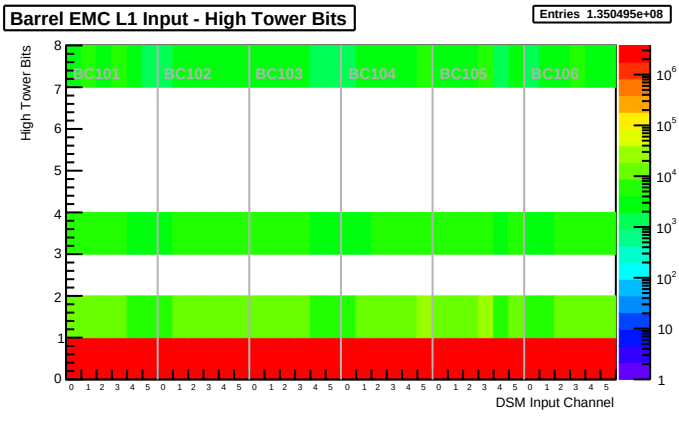

Endcap EMC L0 Input - Patch Sum
Entries 3.376237e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

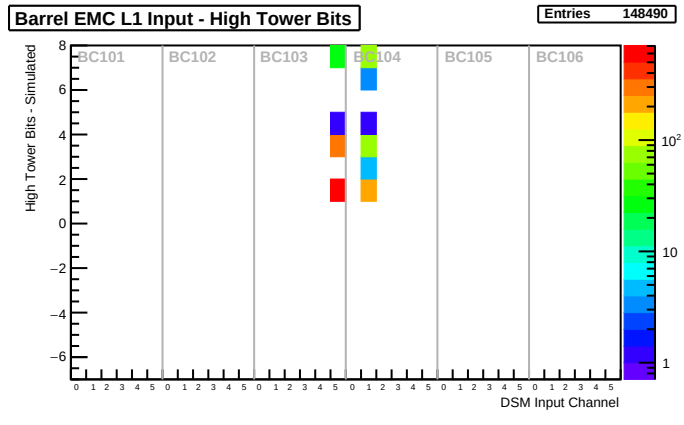

Barrel EMC L1 Input - Low Eta Sum
Entries 1.350495e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

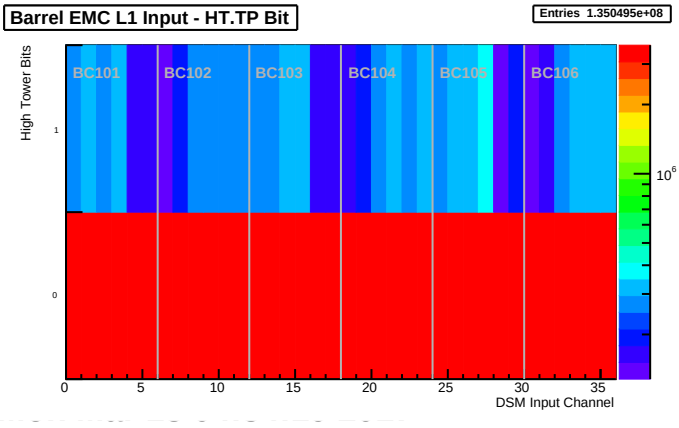

Barrel EMC L1 Input - Low Eta Sum
Entries 204371
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

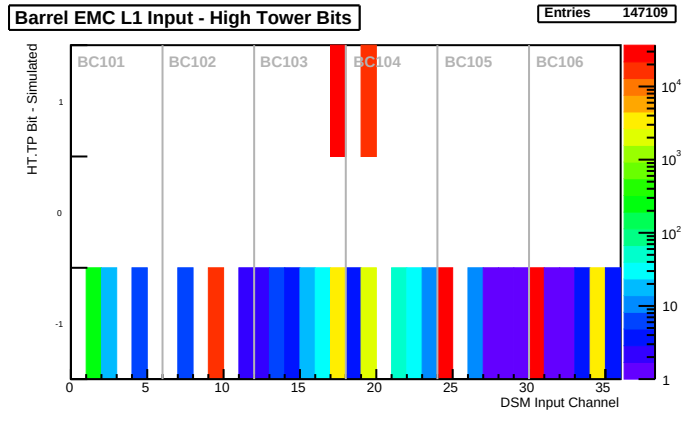

Barrel EMC L1 Input - High Eta Sum
Entries 1.350495e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

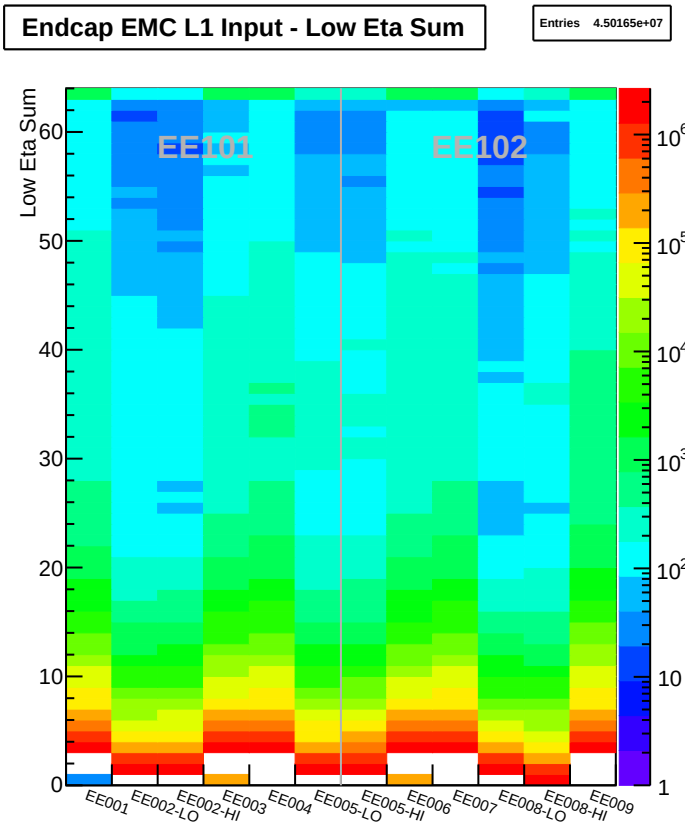

Barrel EMC L1 Input - High Eta Sum
Entries 180483
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

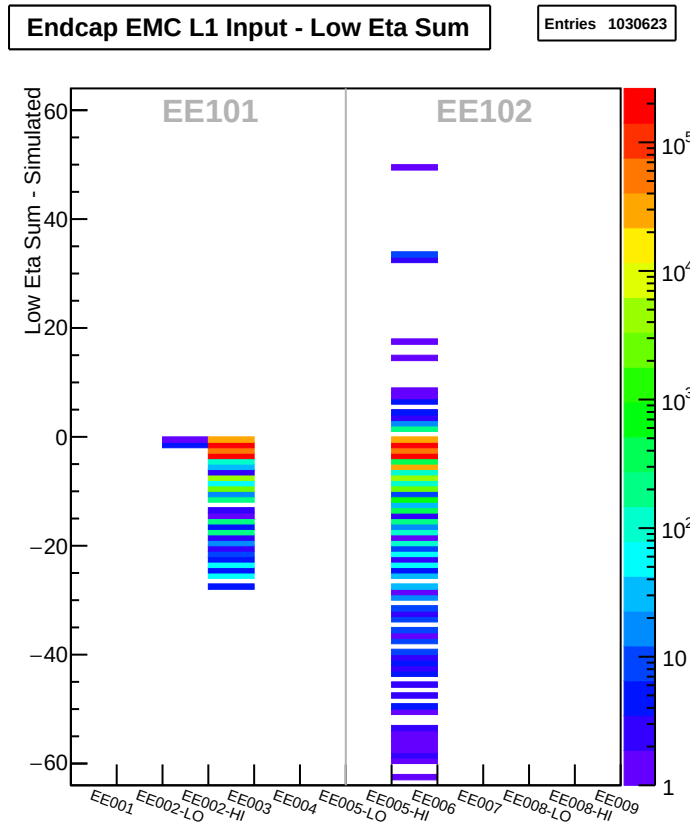

Barrel EMC L1 Input - High Tower Bits
Entries 1.350495e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

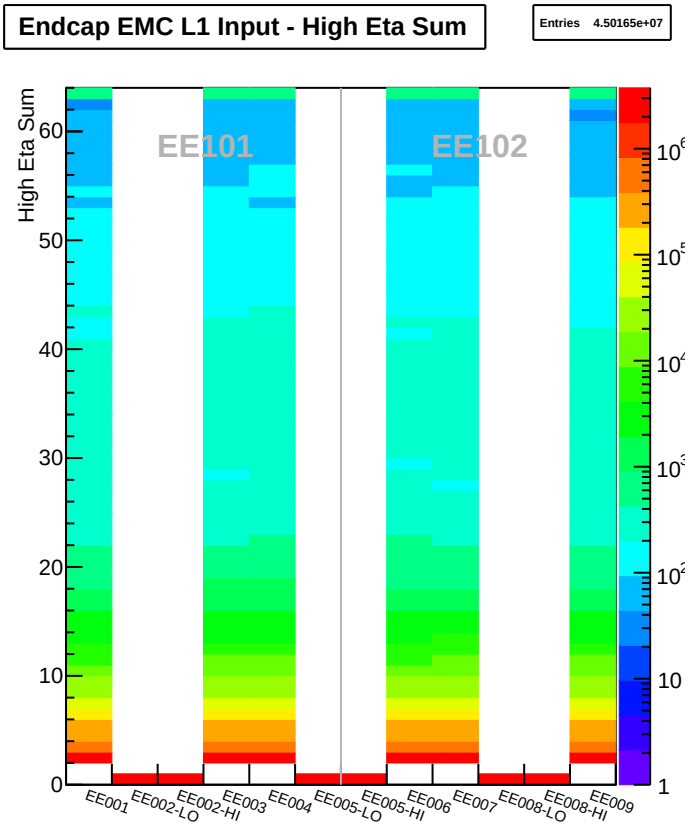

Barrel EMC L1 Input - High Tower Bits
Entries 148490
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

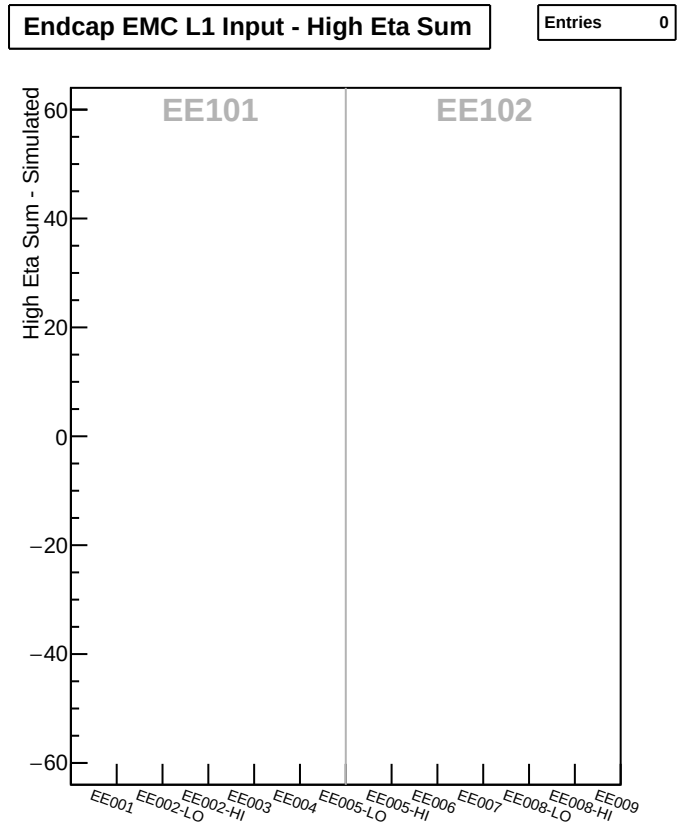

Barrel EMC L1 Input - HT.TP Bit
Entries 1.350495e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

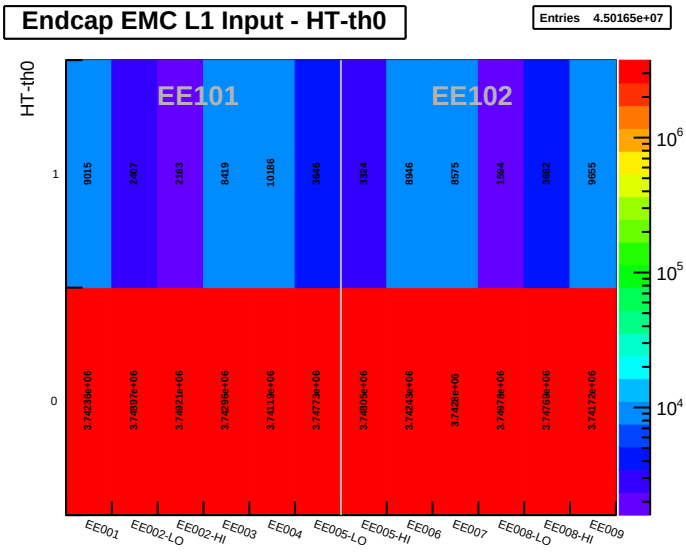

Barrel EMC L1 Input - High Tower Bits
Entries 147109
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

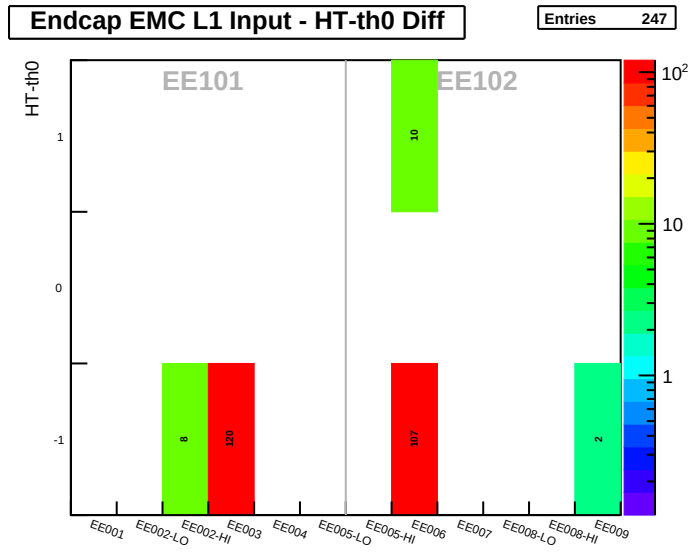

Endcap EMC L1 Input - Low Eta Sum
Entries 4.50165e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

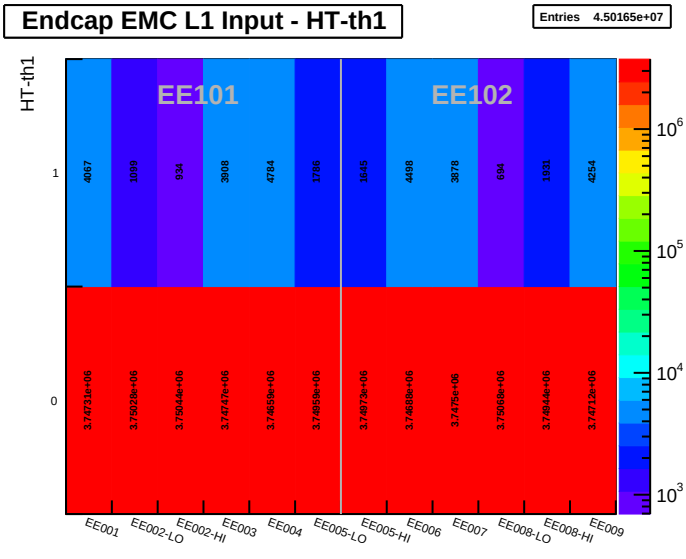

Endcap EMC L1 Input - Low Eta Sum
Entries 1030623
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

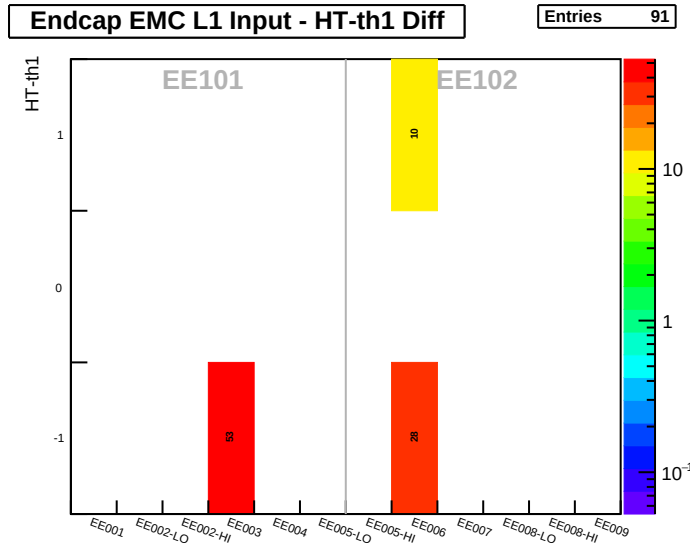

Endcap EMC L1 Input - High Eta Sum
Entries 4.50165e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

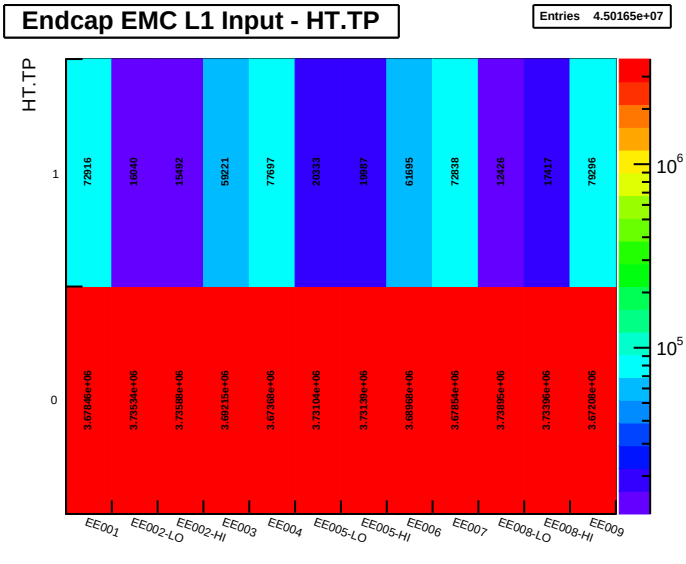

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

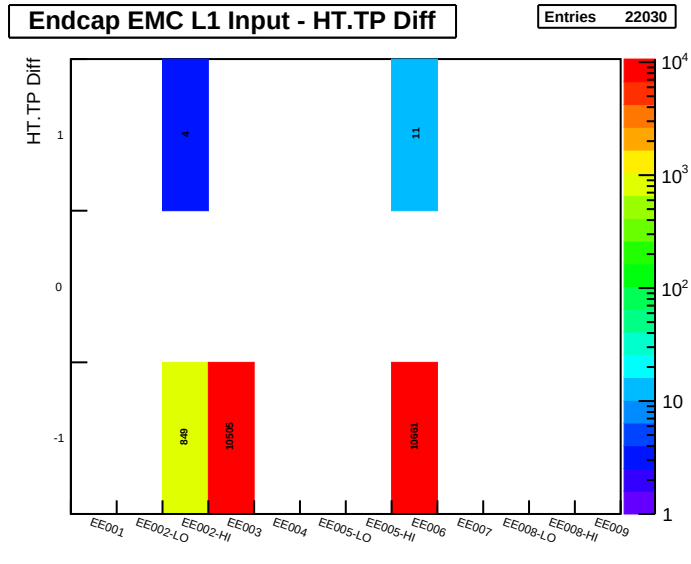

Endcap EMC L1 Input - HT-th0
Entries 4.50165e+07
HT-th0
EE101
EE102
9015 2407 2163 8419 10186 3646 3324 8946 8575 1594 3882 9655
3.74236e+06 3.74897e+06 3.74921e+06 3.74296e+06 3.74118e+06 3.74773e+06 3.74805e+06 3.74243e+06 3.74428e+06 3.74878e+06 3.74769e+06 3.74172e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

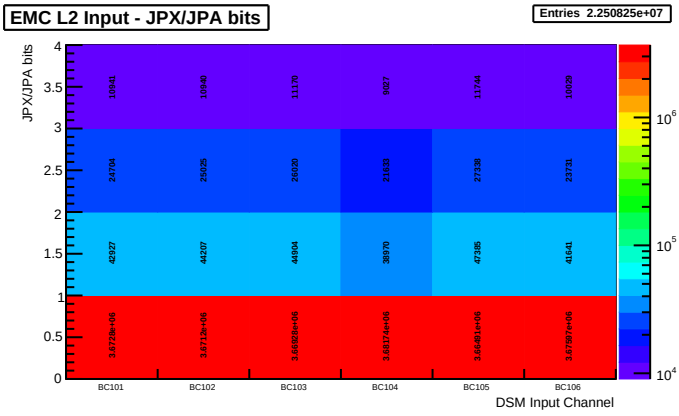

Endcap EMC L1 Input - HT-th0 Diff
Entries 247
HT-th0
EE101
EE102
10
8 120 107 2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

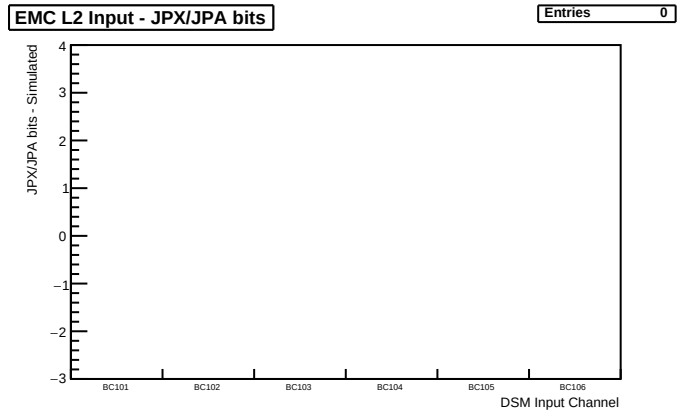

Endcap EMC L1 Input - HT-th1
Entries 4.50165e+07
HT-th1
EE101
EE102
4067 1099 934 3908 4784 1766 1645 4498 3878 694 1931 4254
3.74731e+06 3.75028e+06 3.75044e+06 3.74747e+06 3.74659e+06 3.74959e+06 3.74973e+06 3.74698e+06 3.74751e+06 3.75068e+06 3.74944e+06 3.74712e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

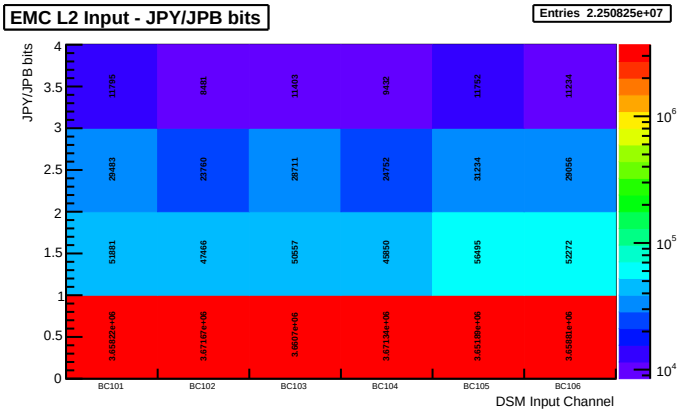

Endcap EMC L1 Input - HT-th1 Diff
Entries 91
HT-th1
EE101
EE102
10
53 28
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

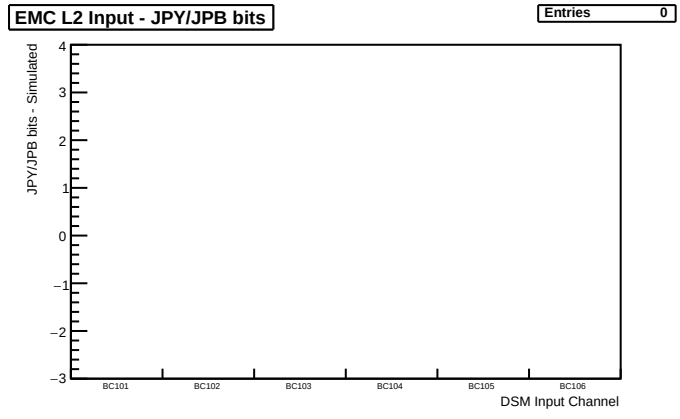

Endcap EMC L1 Input - HT.TP
Entries 4.50165e+07
HT.TP
72916 16040 15492 59221 77697 20333 19987 61695 72838 12426 17417 79296
3.67846e+06 3.73534e+06 3.73582e+06 3.69215e+06 3.67368e+06 3.73104e+06 3.73139e+06 3.68968e+06 3.67854e+06 3.73695e+06 3.73396e+06 3.67208e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

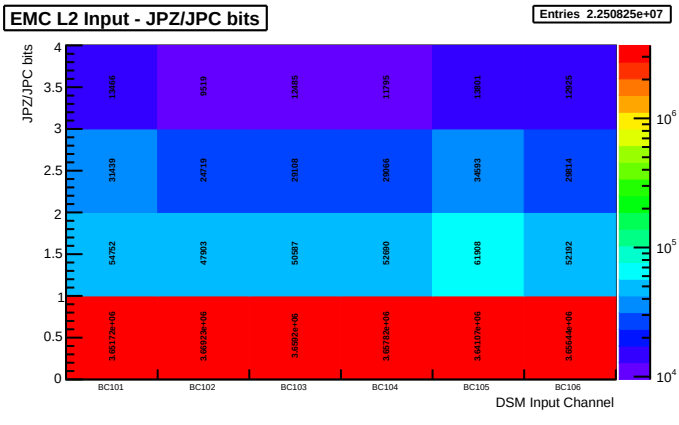

Endcap EMC L1 Input - HT.TP Diff
Entries 22030
HT.TP Diff
4 11
849 10505 10661
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

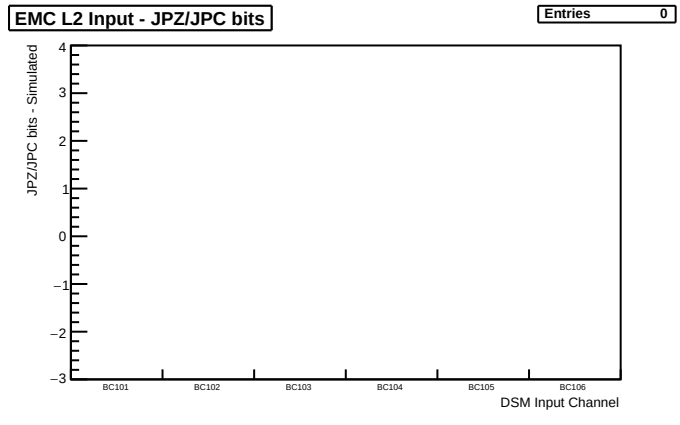

EMC L2 Input - JPX/JPA bits
Entries 2.250825e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10941
10940
11170
9027
11744
10029
24704
25025
26030
21633
27238
23731
42527
44207
44904
38970
47385
41641
3.67239e+06
3.67112e+06
3.66928e+06
3.68174e+06
3.66491e+06
3.67597e+06

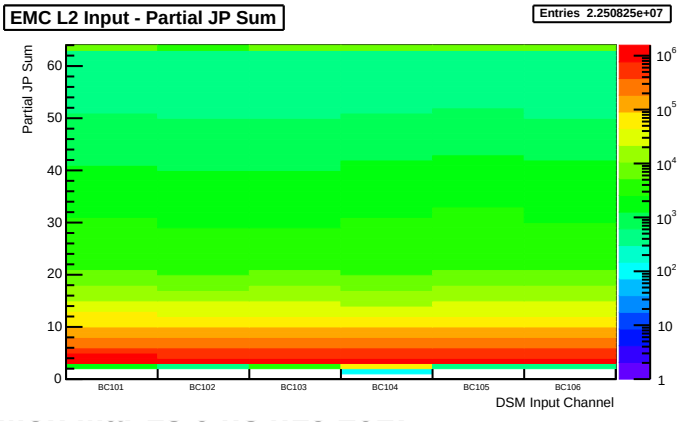

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

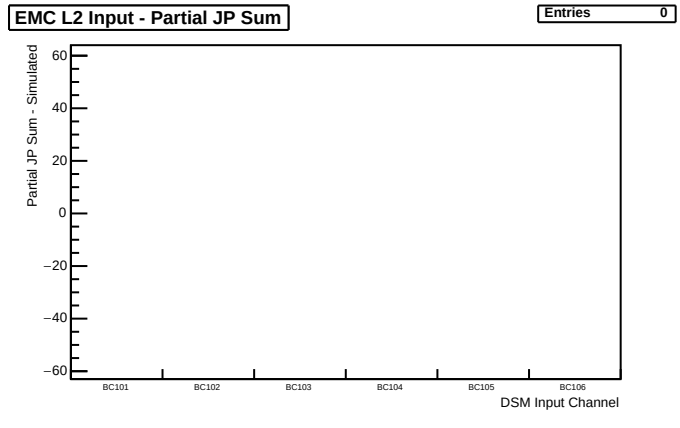

EMC L2 Input - JPY/JPB bits
Entries 2.250825e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11795
8481
11403
9432
11752
11234
29483
23760
29711
24752
31234
29056
51881
47446
50557
49850
56495
52272
3.65922e+06
3.67167e+06
3.6607e+06
3.67134e+06
3.65188e+06
3.65881e+06

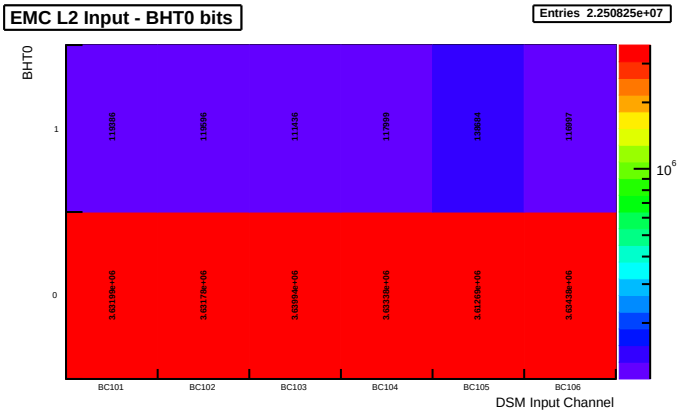

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

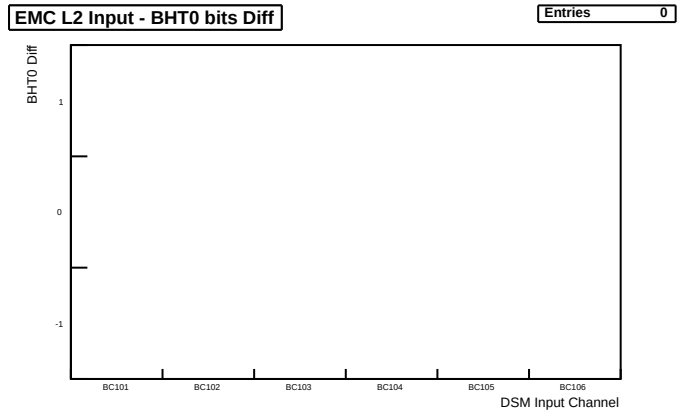

EMC L2 Input - JPZ/JPC bits
Entries 2.250825e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13446
9519
12485
11795
13801
12625
31439
24719
28108
29966
34693
29814
54752
47903
50987
52690
61909
52192
3.65172e+06
3.66923e+06
3.6592e+06
3.67782e+06
3.64197e+06
3.66544e+06

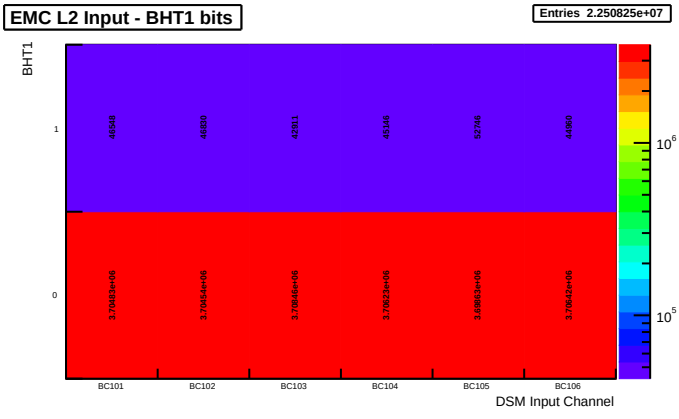

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

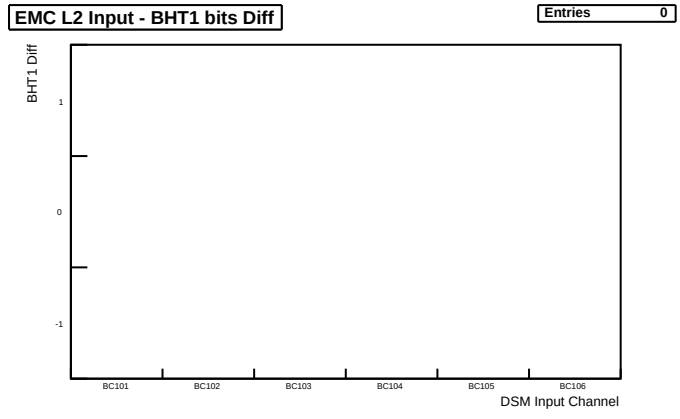

EMC L2 Input - Partial JP Sum
Entries 2.250825e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

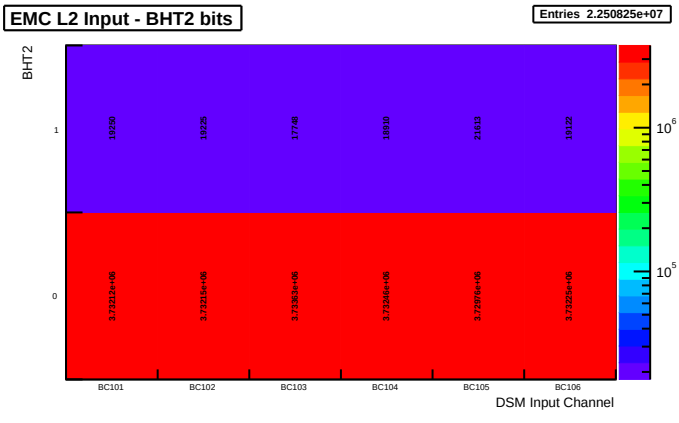

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

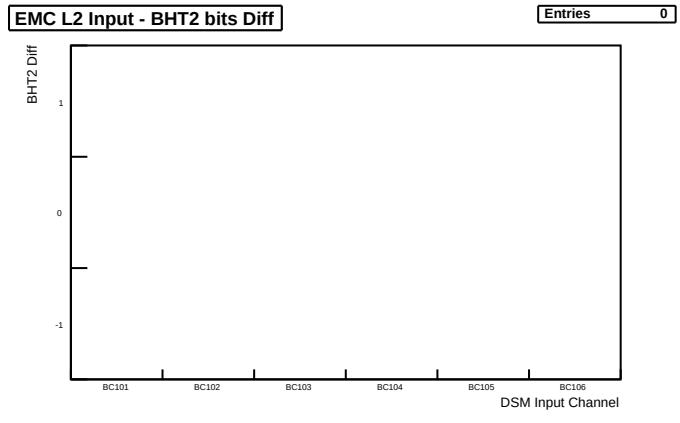

EMC L2 Input - BHT0 bits
Entries 2.250825e+07
BHT0
1
0
119386
119596
111436
117999
138384
116097
3.63159e+06
3.63179e+06
3.63399e+06
3.63318e+06
3.61269e+06
3.63439e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

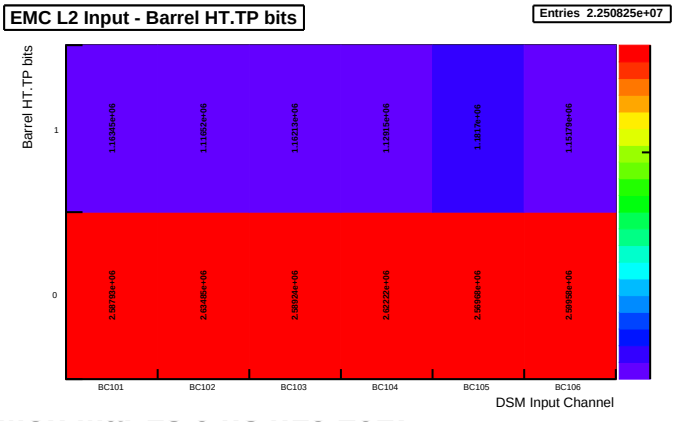

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

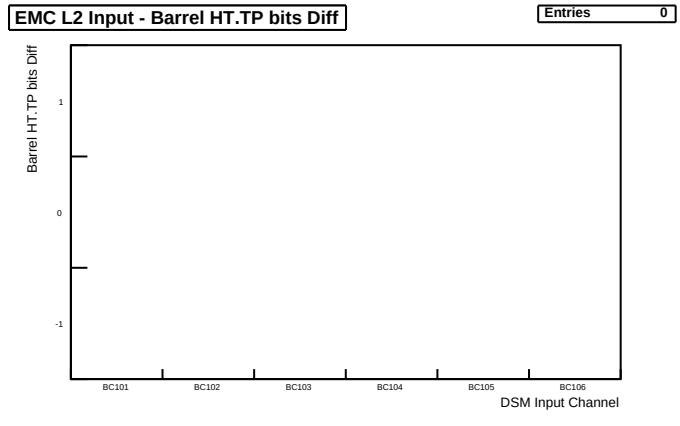

EMC L2 Input - BHT1 bits
Entries 2.250825e+07
BHT1
1
0
43548
46830
42011
45146
52746
44950
3.70483e+06
3.70654e+06
3.70946e+06
3.70823e+06
3.69963e+06
3.70842e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

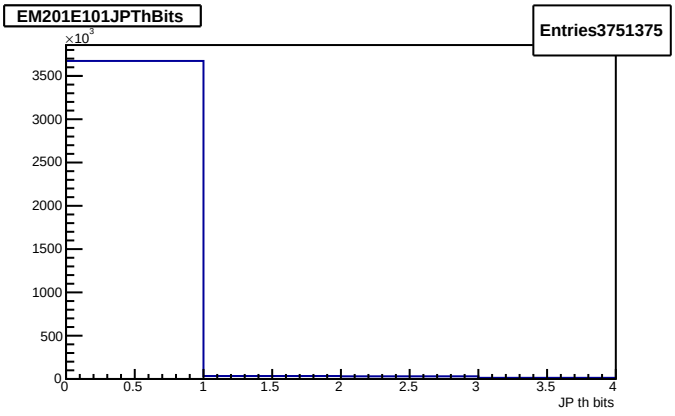

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

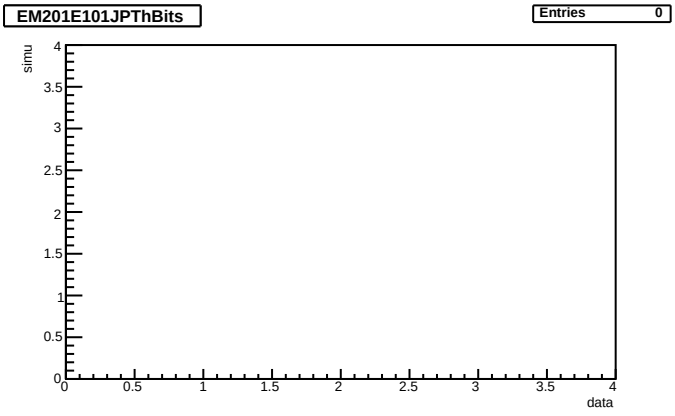

EMC L2 Input - BHT2 bits
Entries 2.250825e+07
BHT2
1
0
19250
19225
17748
18510
21513
19122
3.73222e+06
3.73215e+06
3.73363e+06
3.73246e+06
3.72976e+06
3.73225e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

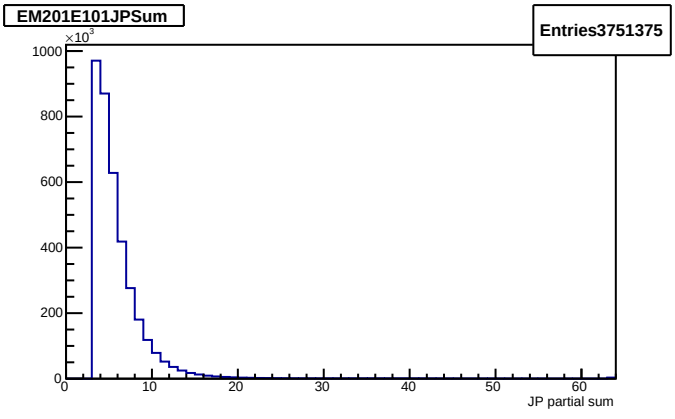

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

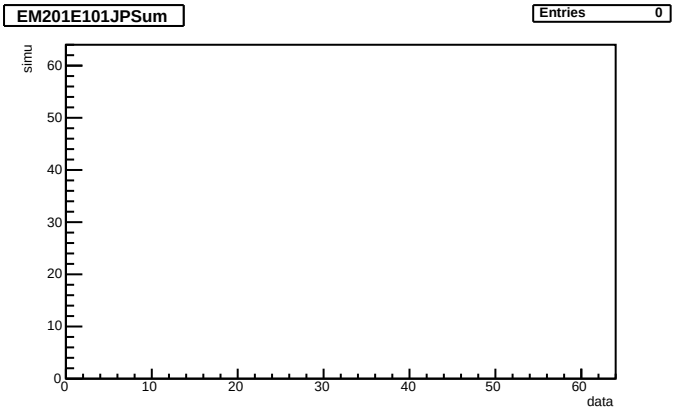

EMC L2 Input - Barrel HT.TP bits
Entries 2.250825e+07
Barrel HT.TP bits
1
0
1.16345e+06
1.11952e+06
1.16213e+06
1.12015e+06
1.1017e+06
1.15178e+06
2.58793e+06
2.63485e+06
2.58924e+06
2.62222e+06
2.56988e+06
2.59059e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

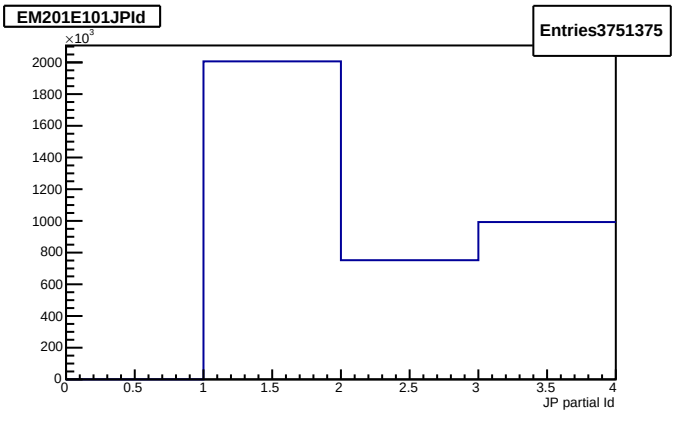

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

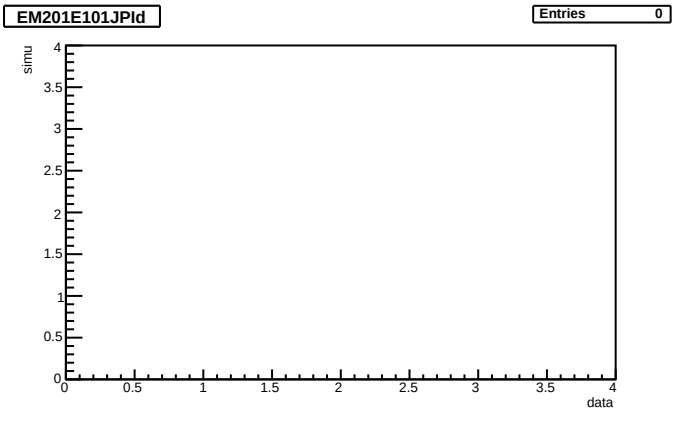

EM201E101JPThBits
Entries3751375
×10^3
JP th bits

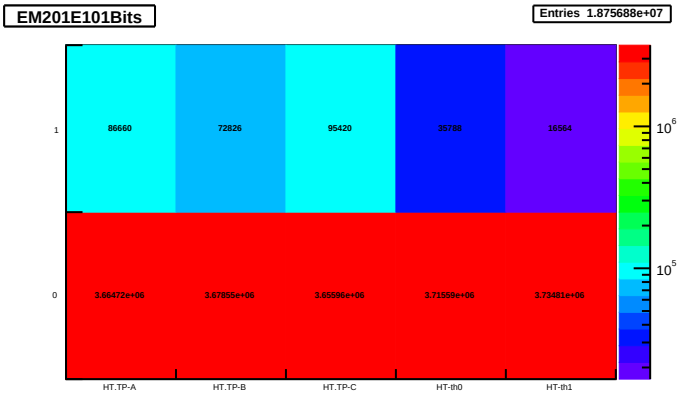

EM201E101JPThBits
Entries 0
simu
data

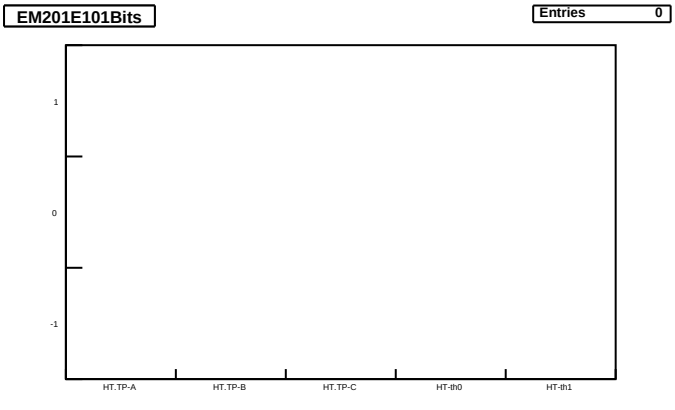

EM201E101JPSum
Entries3751375
×10^3
JP partial sum

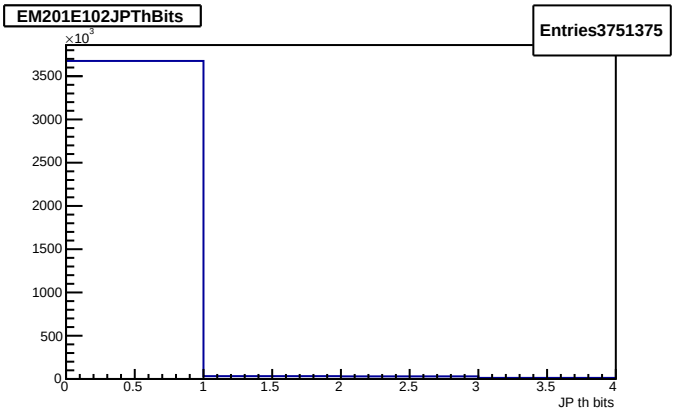

EM201E101JPSum
Entries 0
simu
data

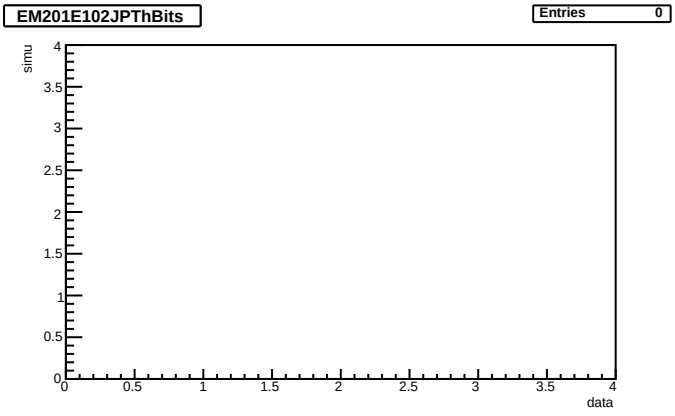

EM201E101JPId
Entries3751375
×10^3
JP partial Id

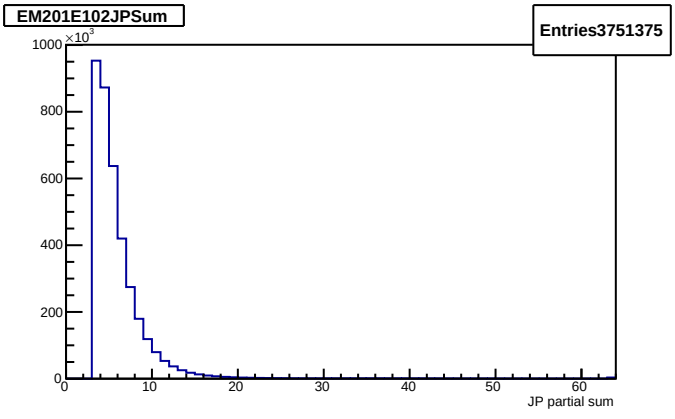

EM201E101JPId
Entries 0
simu
data

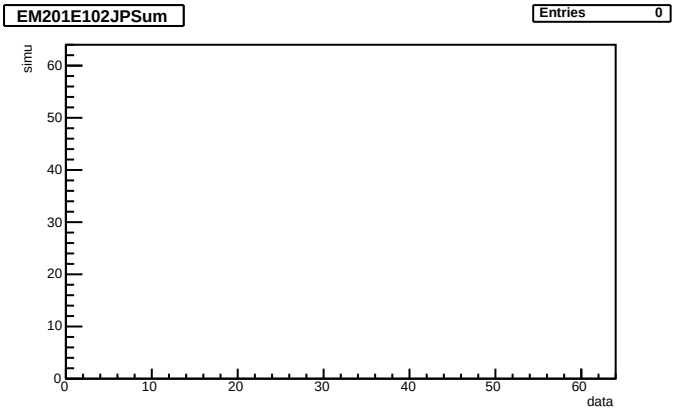

EM201E101Bits
Entries 1.875688e+07
86660
72826
95420
35788
16564
3.66472e+06
3.67855e+06
3.65596e+06
3.71559e+06
3.73481e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

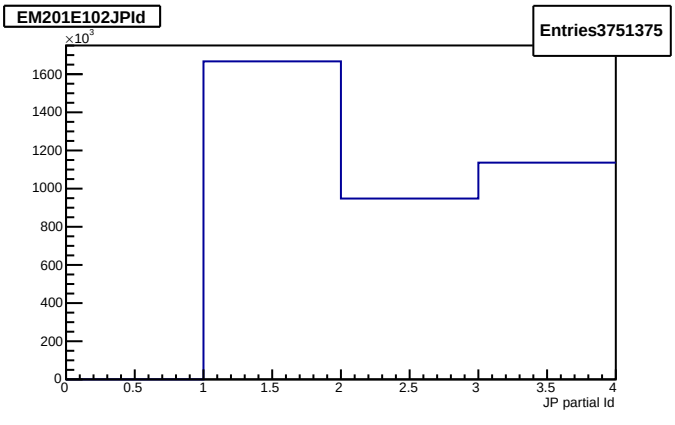

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

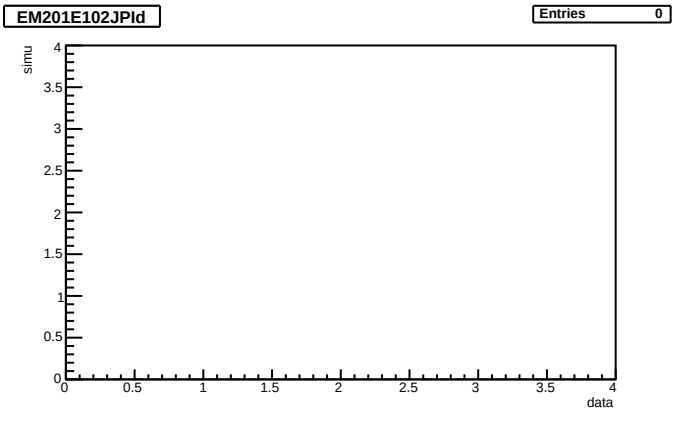

EM201E102JPThBits
Entries3751375
×10^3
JP th bits

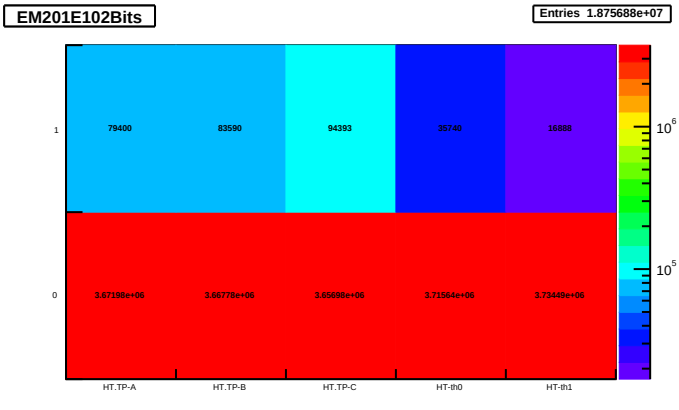

EM201E102JPThBits
Entries 0
simu
data

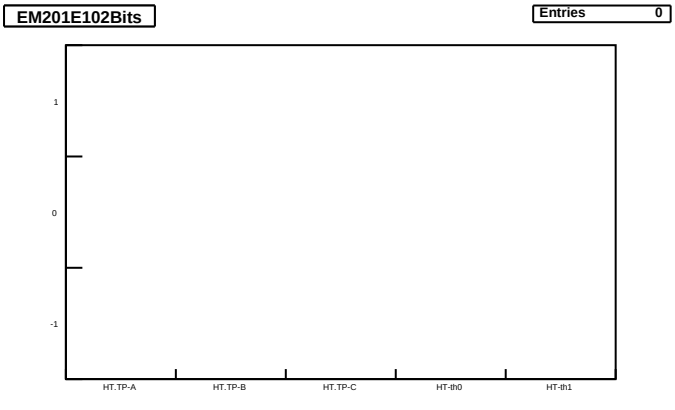

EM201E102JPSum
Entries3751375
×10^3
JP partial sum

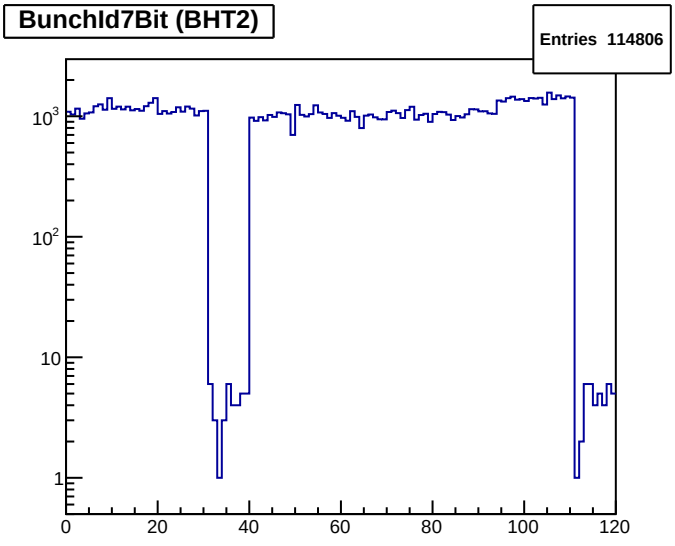

EM201E102JPSum
Entries 0
simu
data

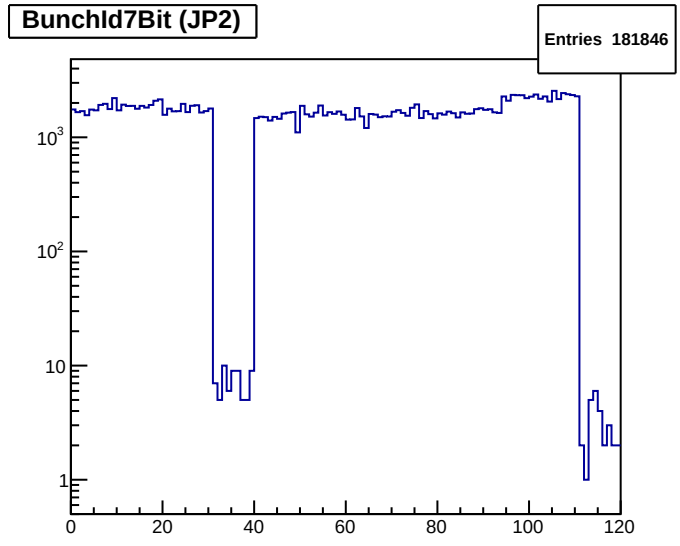

EM201E102JPId
Entries3751375
×10^3
JP partial Id

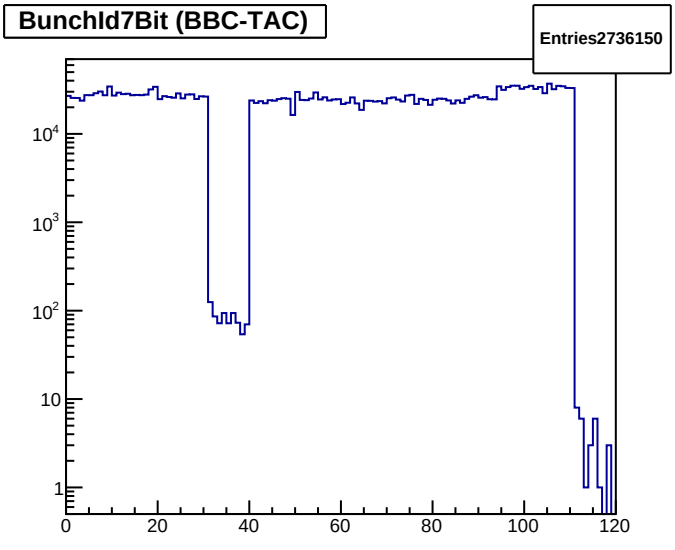

EM201E102JPId
Entries 0
simu
data

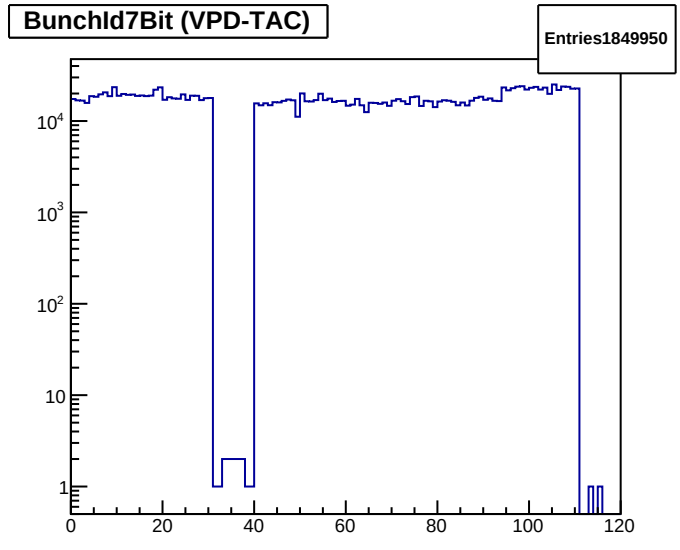

EM201E102Bits
Entries 1.875688e+07
79400
83590
94393
35740
16888
3.67198e+06
3.66778e+06
3.65698e+06
3.71564e+06
3.73449e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

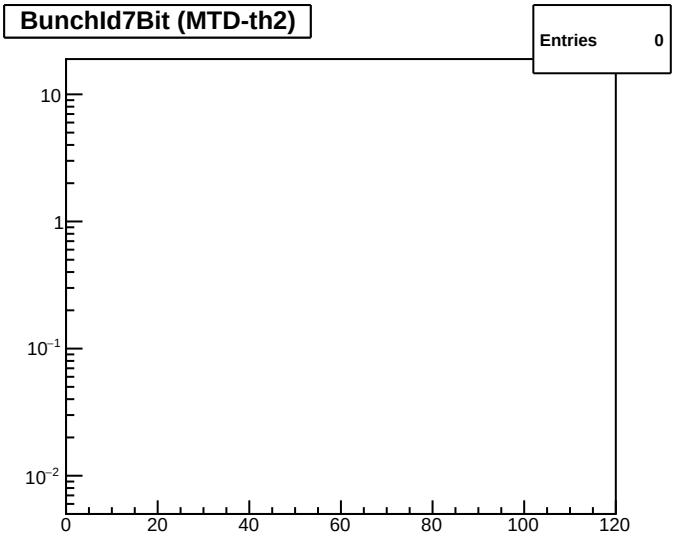

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

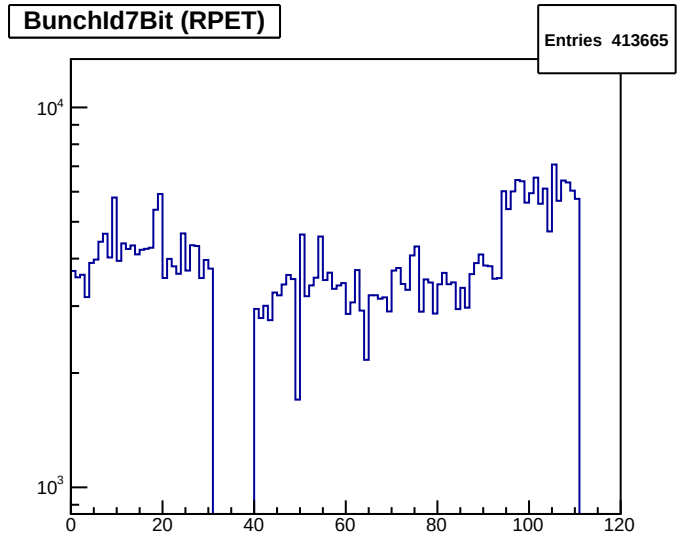

BunchId7Bit (BHT2)
Entries 114806

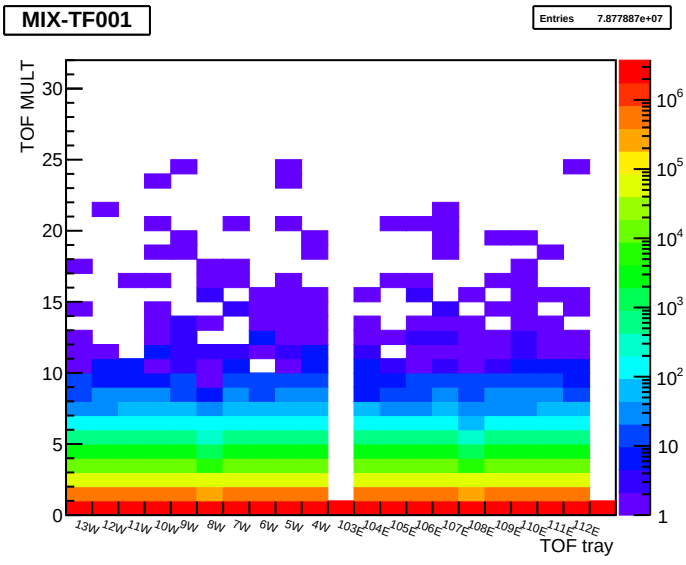

BunchId7Bit (JP2)
Entries 181846

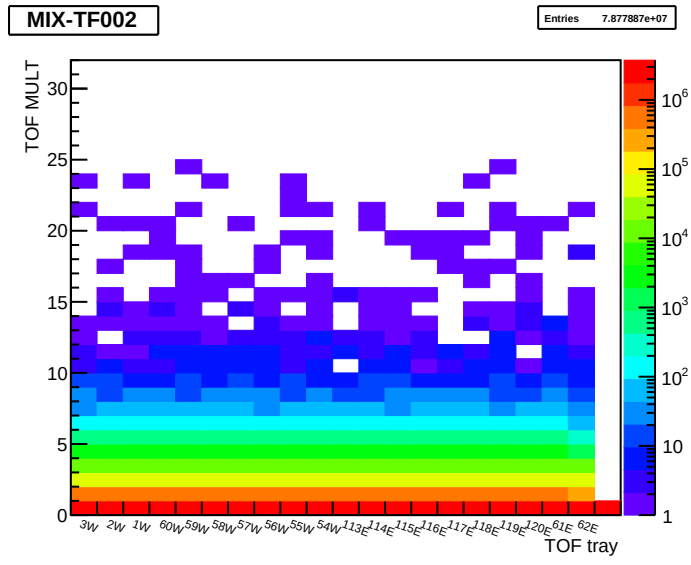

BunchId7Bit (BBC-TAC)
Entries2736150

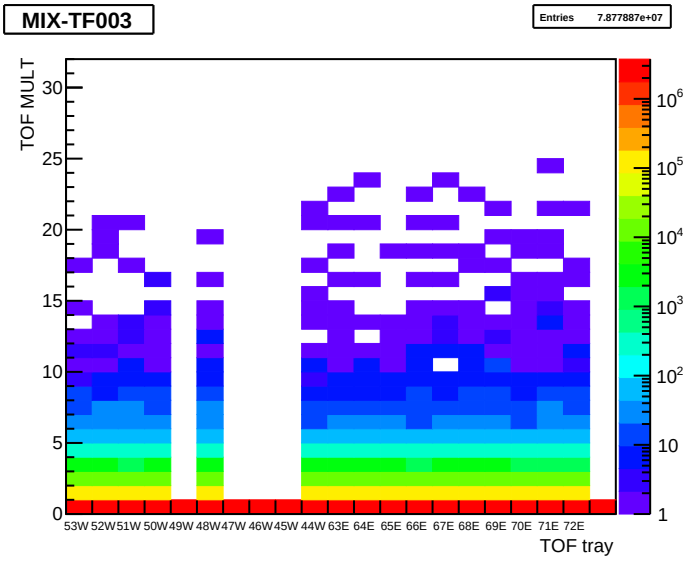

BunchId7Bit (VPD-TAC)
Entries1849950

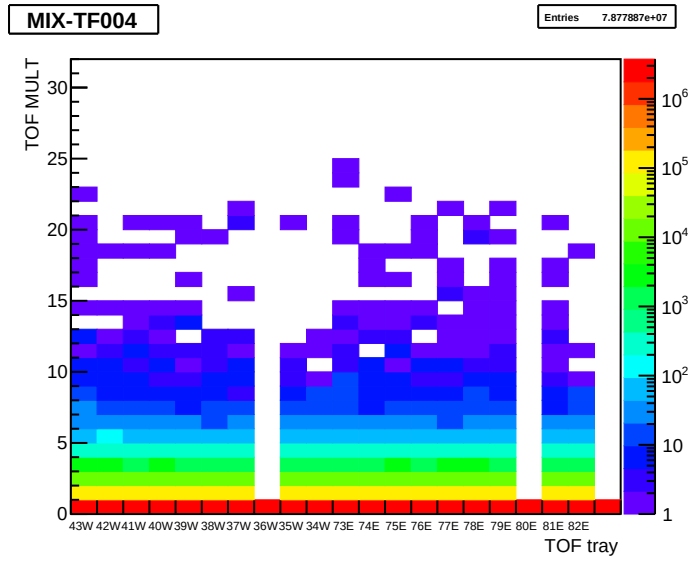

BunchId7Bit (MTD-th2)
Entries 0

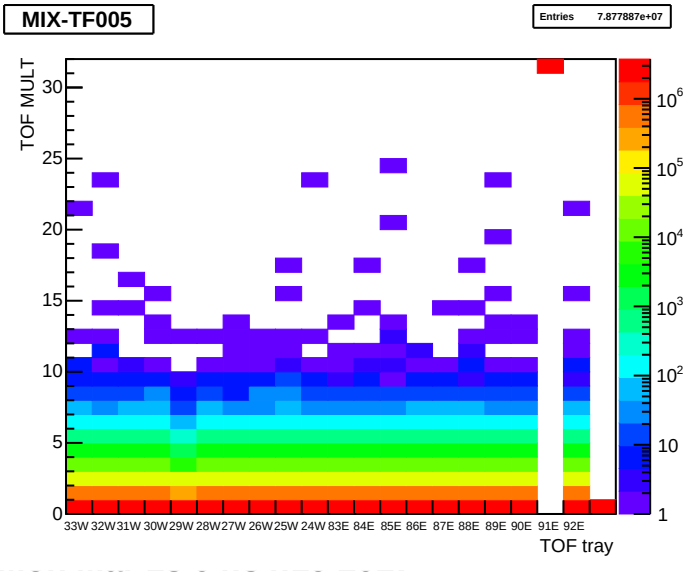

BunchId7Bit (RPET)
Entries 413665

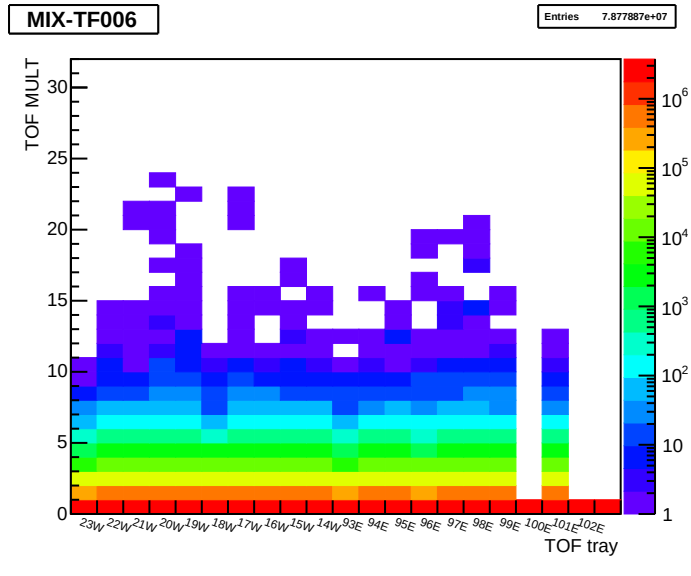

MIX-TF001
Entries 7.877887e+07
TOF MULT
TOF tray

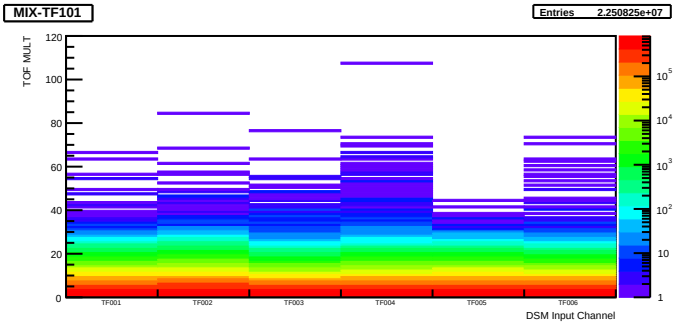

MIX-TF002
Entries 7.877887e+07
TOF MULT
TOF tray

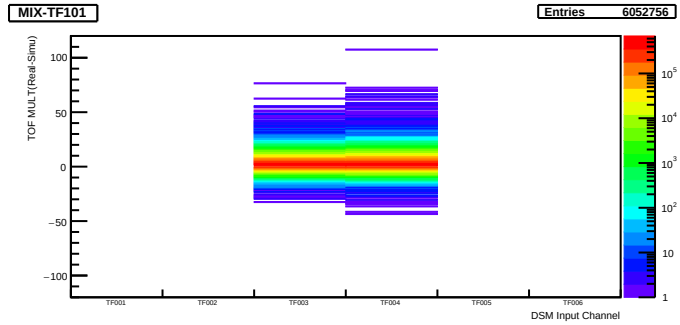

MIX-TF003
Entries 7.877887e+07
TOF MULT
TOF tray

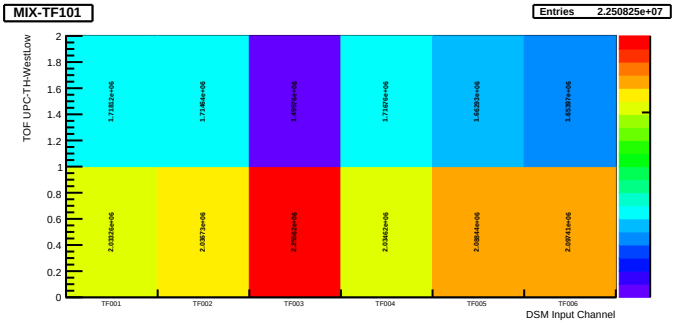

MIX-TF004
Entries 7.877887e+07
TOF MULT
TOF tray

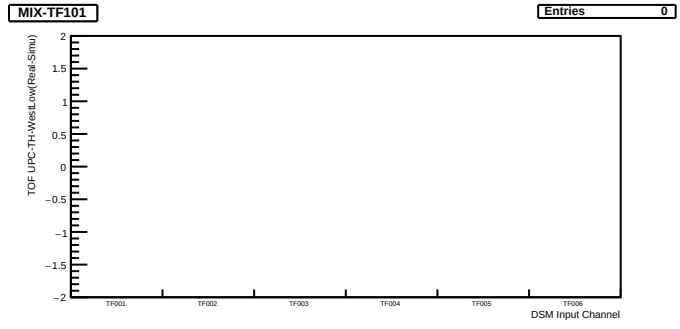

MIX-TF005
Entries 7.877887e+07
TOF MULT
TOF tray

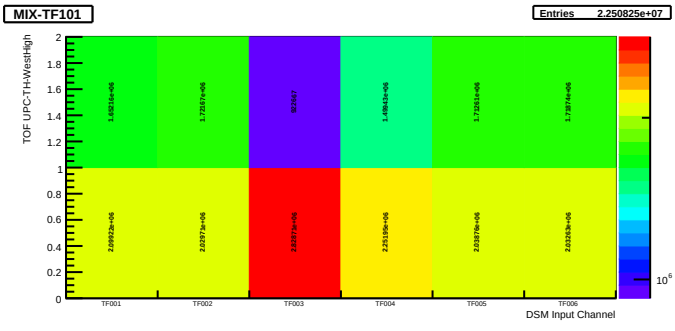

MIX-TF006
Entries 7.877887e+07
TOF MULT
TOF tray

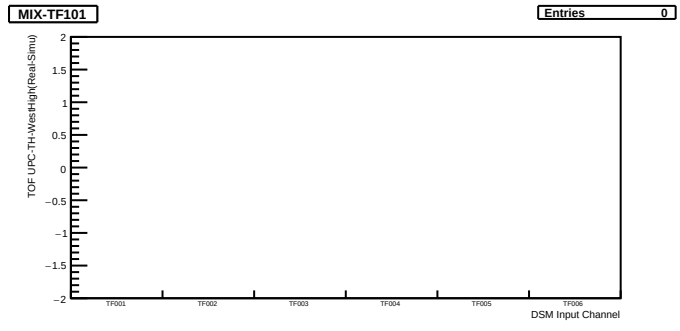

MIX-TF101
Entries 2.250825e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

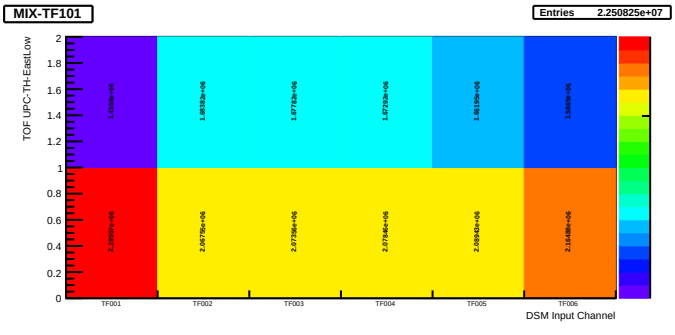

MIX-TF101
Entries 6052756
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

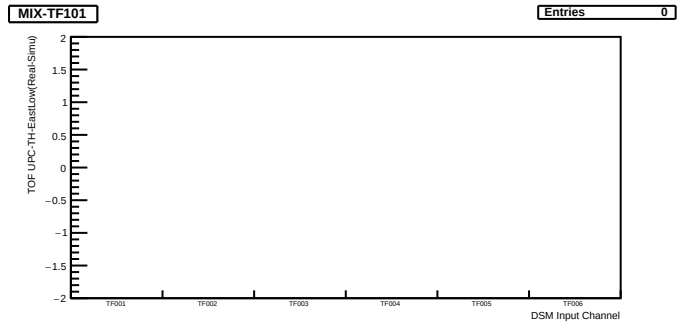

MIX-TF101
Entries 2.250825e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

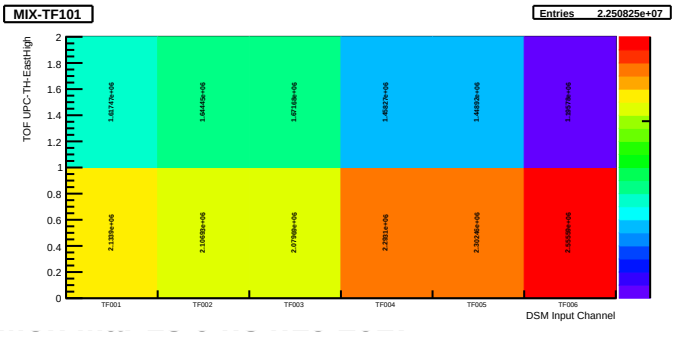

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

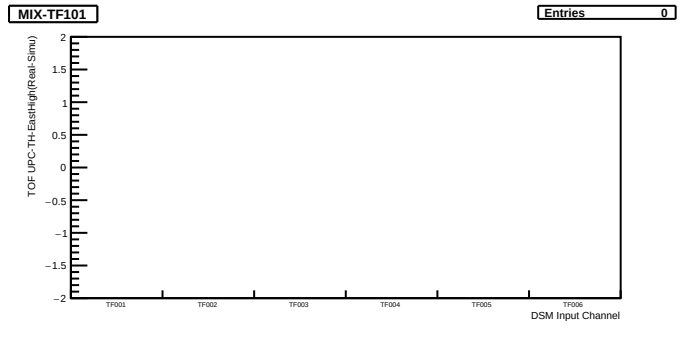

MIX-TF101
Entries 2.250825e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

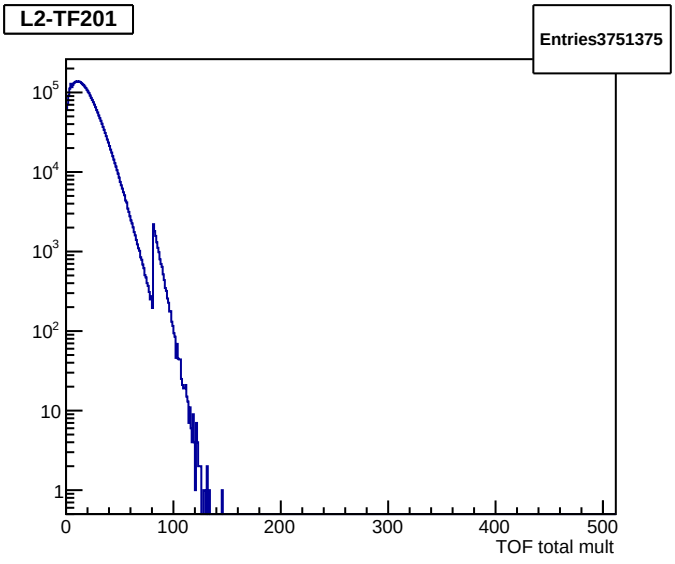

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

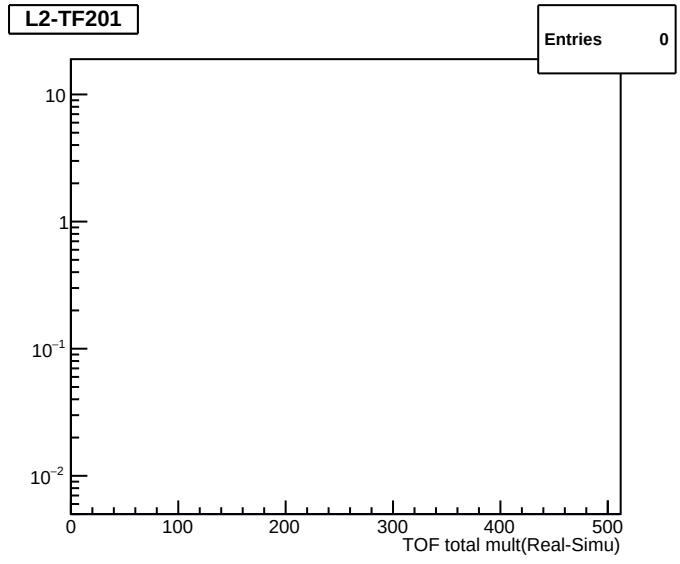

MIX-TF101
Entries 2.250825e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

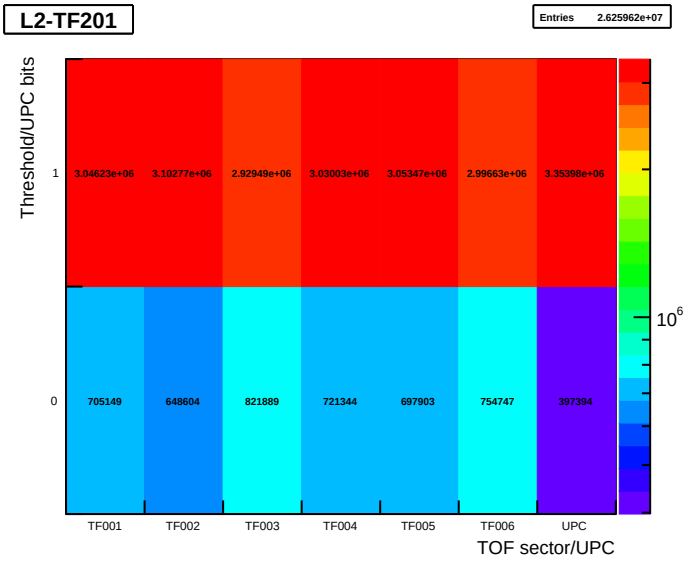

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

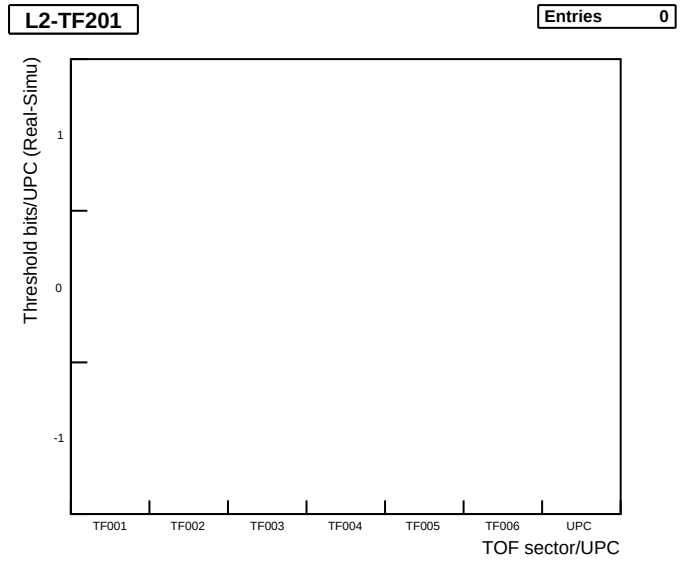

MIX-TF101
Entries 2.250825e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

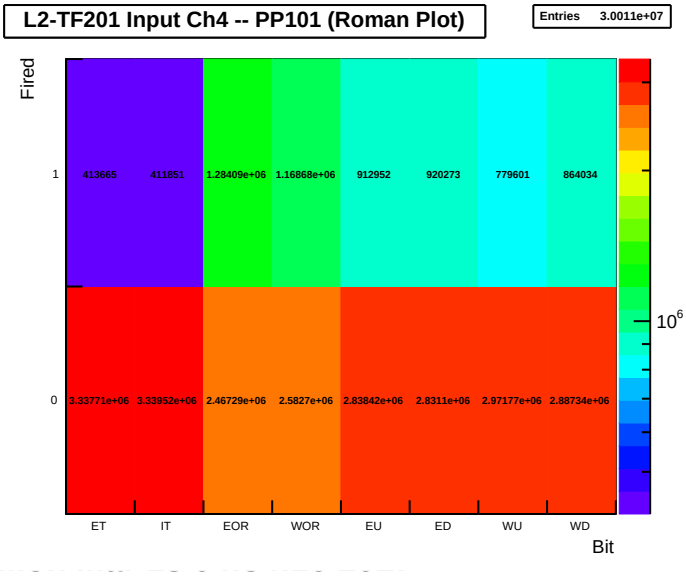

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

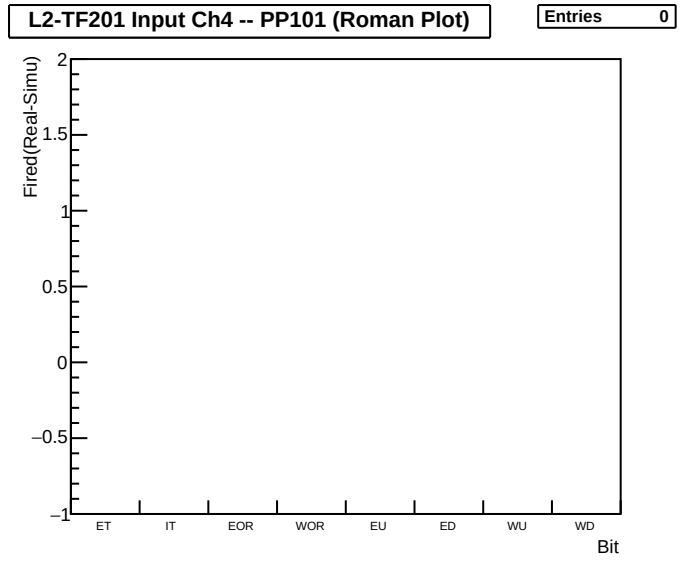

L2-TF201
Entries3751375
TOF total mult

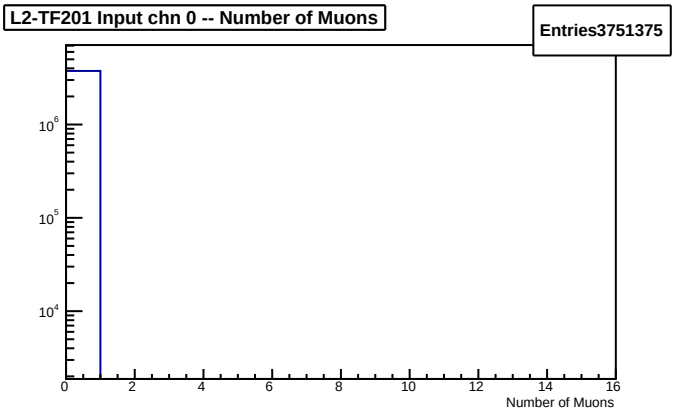

L2-TF201
Entries 0
TOF total mult(Real-Simu)

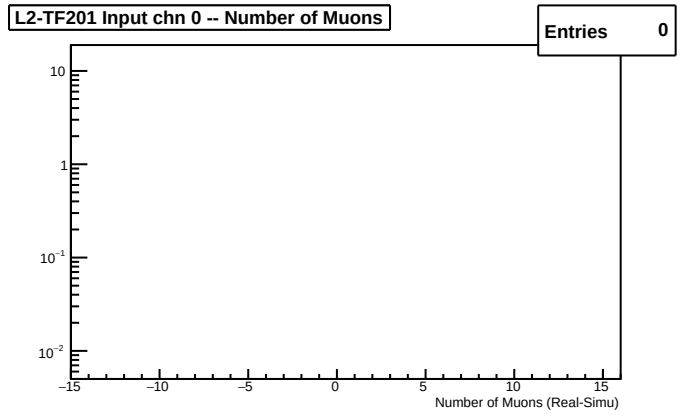

L2-TF201
Entries 2.625962e+07
Threshold/UPC bits
3.04623e+06
3.10277e+06
2.92949e+06
3.03003e+06
3.05347e+06
2.99663e+06
3.35398e+06
705149
648604
821889
721344
697903
754747
397394
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

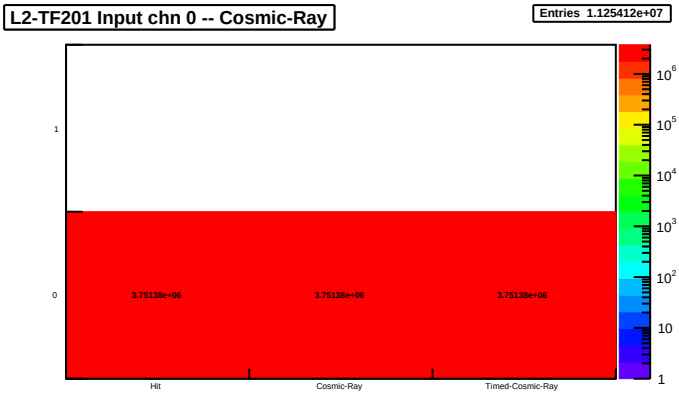

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

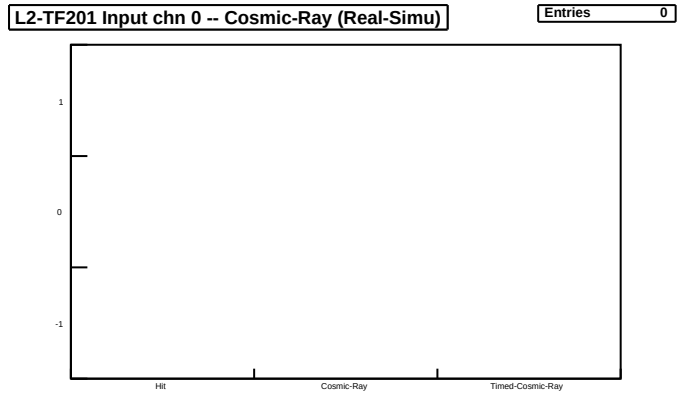

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.0011e+07
Fired
413665
411851
1.28409e+06
1.16868e+06
912952
920273
779601
864034
3.33771e+06
3.33952e+06
2.46729e+06
2.5827e+06
2.83842e+06
2.8311e+06
2.97177e+06
2.88734e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

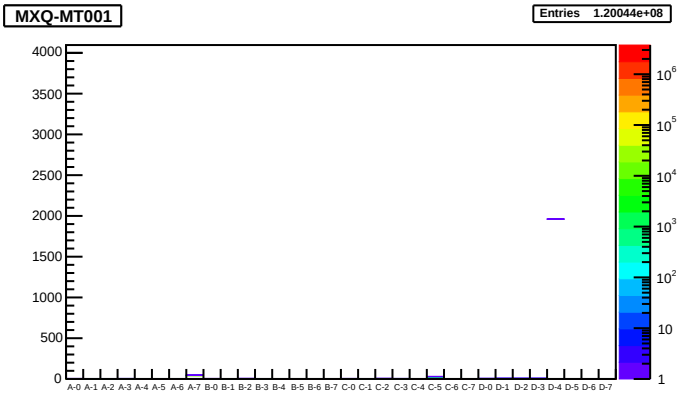

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

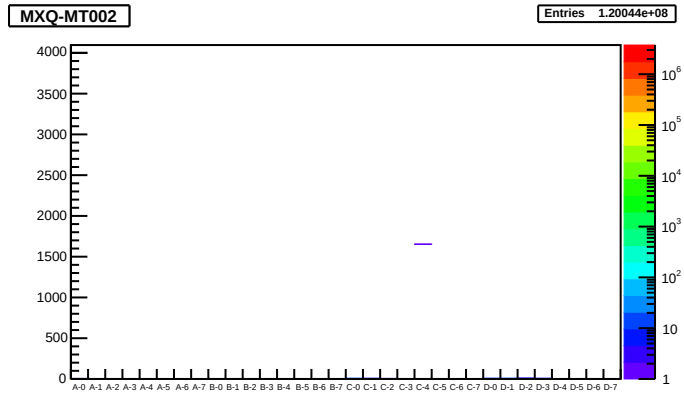

L2-TF201 Input chn 0 -- Number of Muons
Entries3751375
Number of Muons

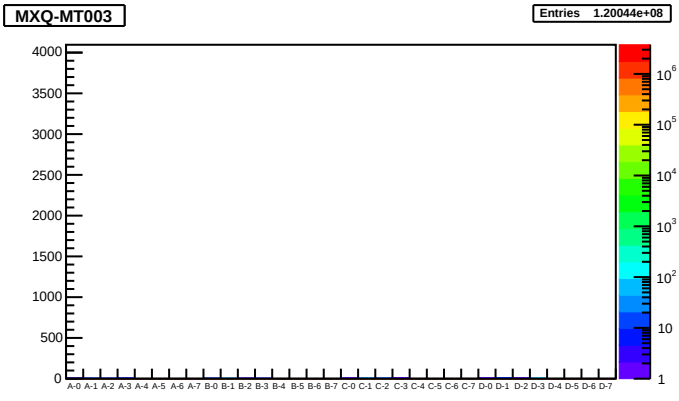

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

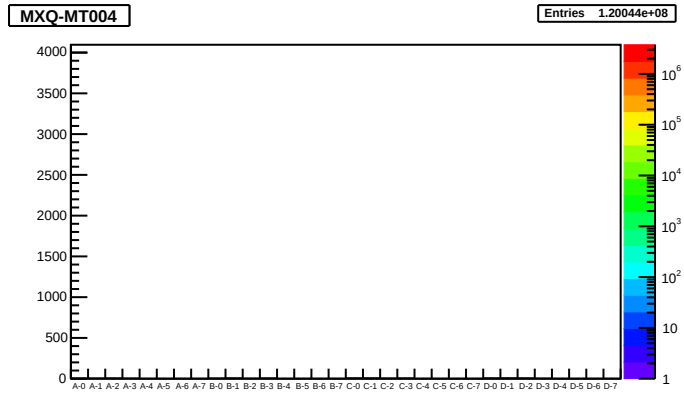

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.125412e+07
3.75138e+06
3.75138e+06
3.75138e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

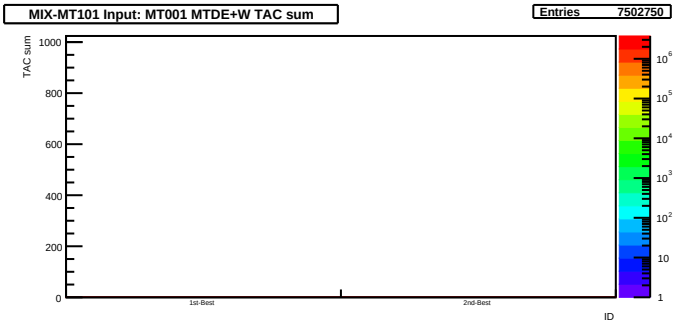

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

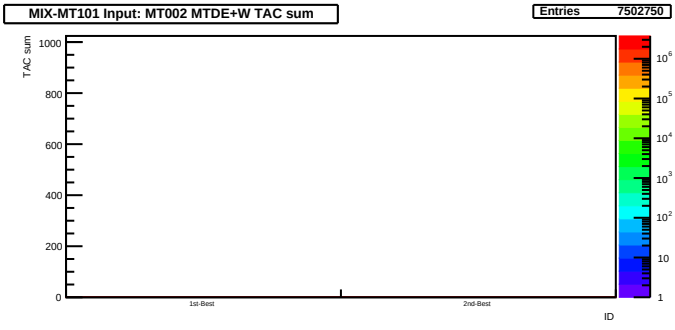

MXQ-MT001
Entries 1.20044e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

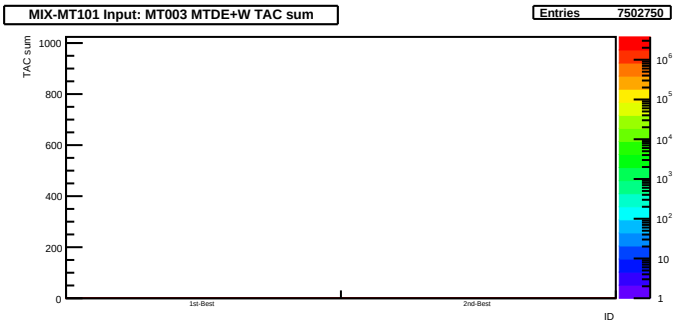

MXQ-MT002
Entries 1.20044e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

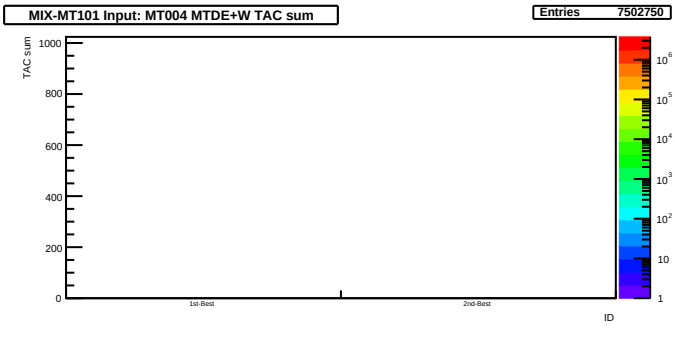

MXQ-MT003
Entries 1.20044e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

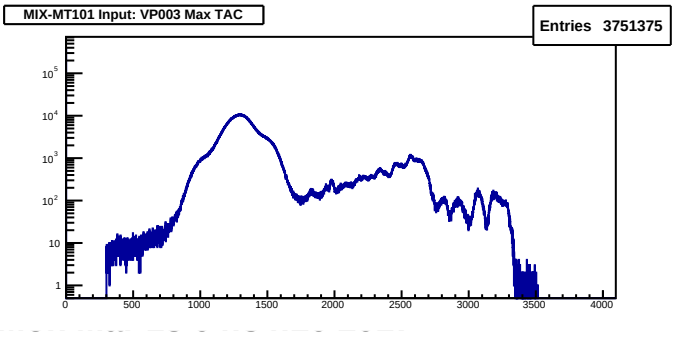

MXQ-MT004
Entries 1.20044e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

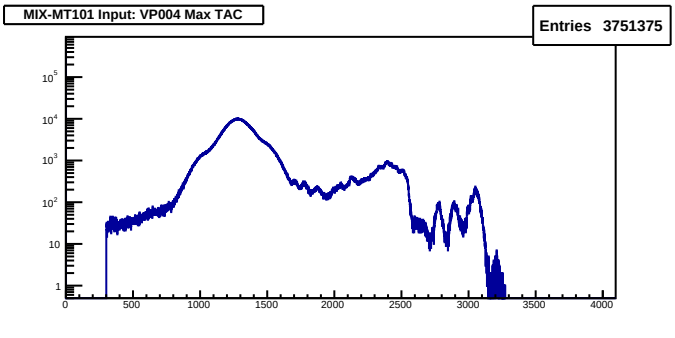

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7502750
TAC sum
1st-Best
2nd-Best
ID

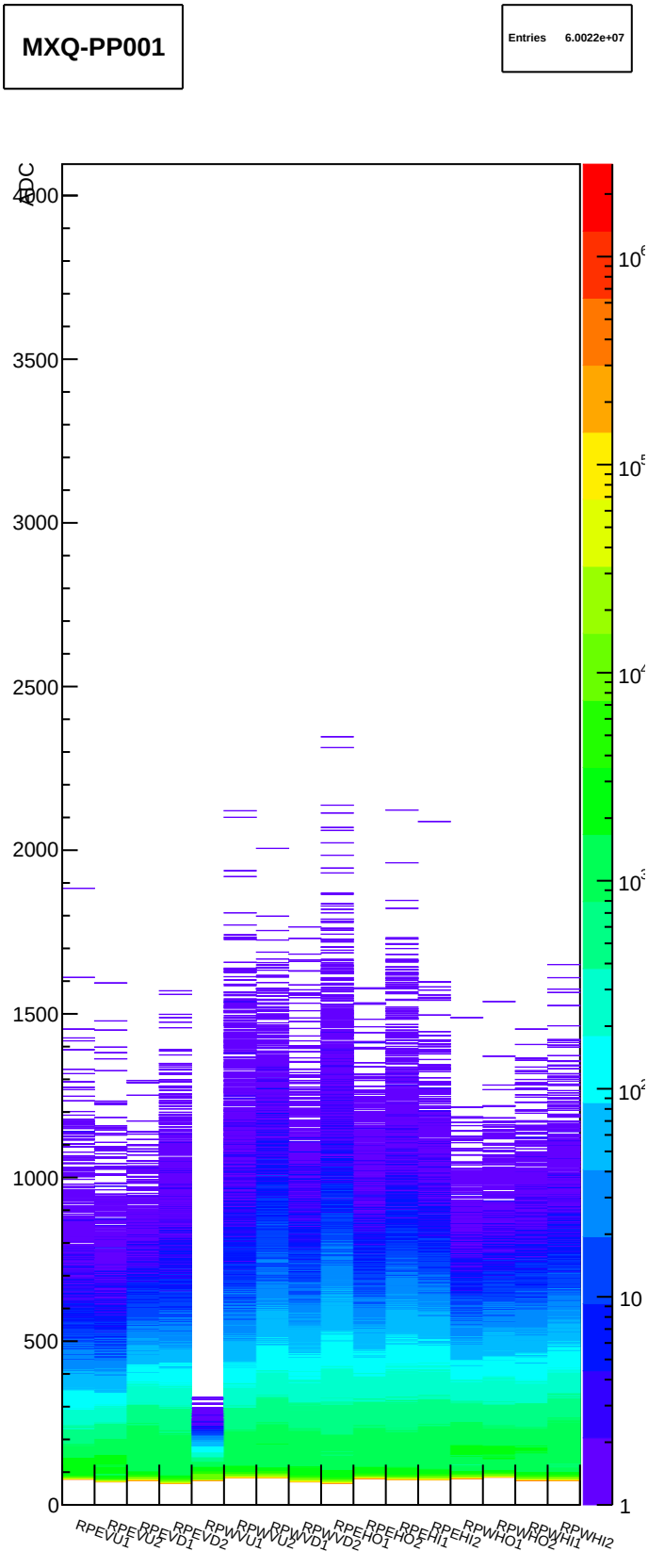

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7502750
TAC sum
1st-Best
2nd-Best
ID

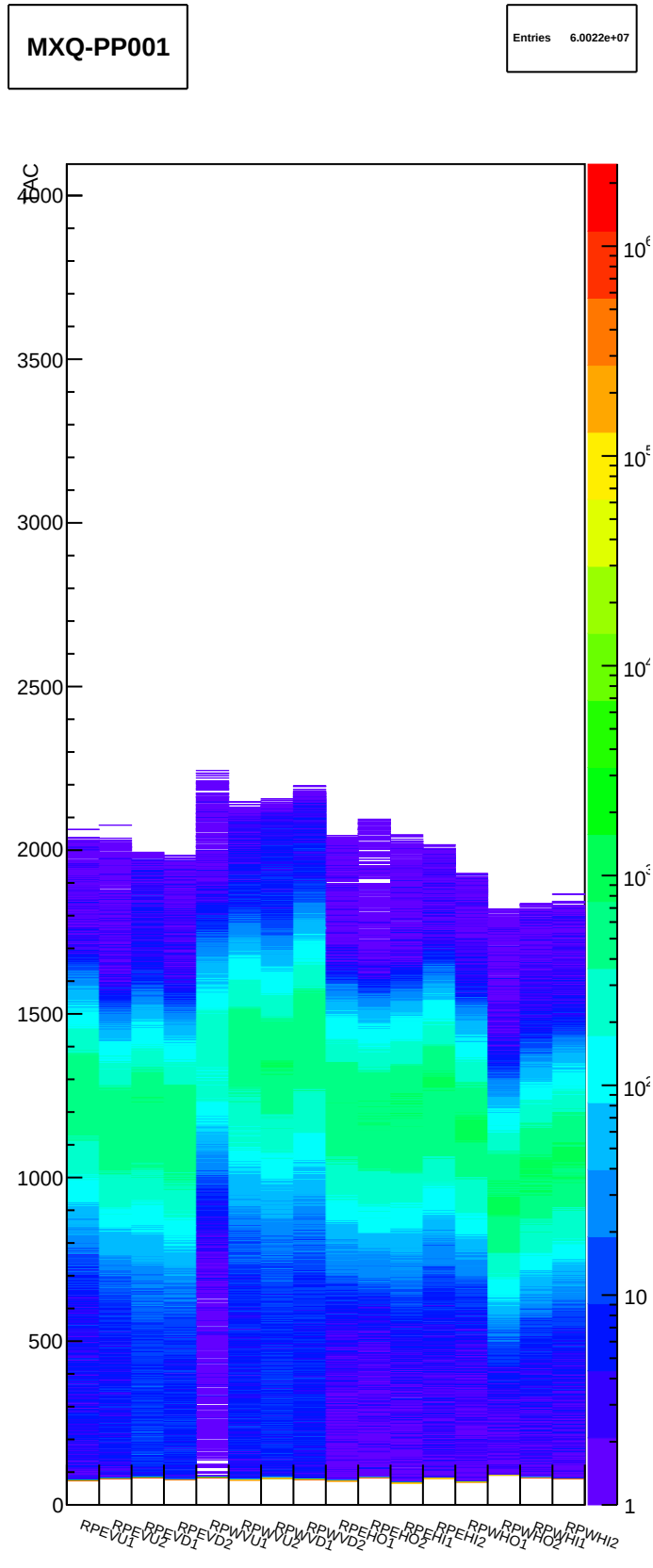

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7502750
TAC sum
1st-Best
2nd-Best
ID

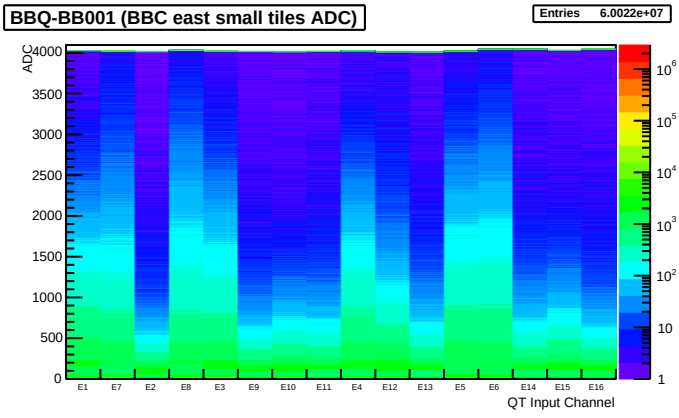

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7502750
TAC sum
1st-Best
2nd-Best
ID

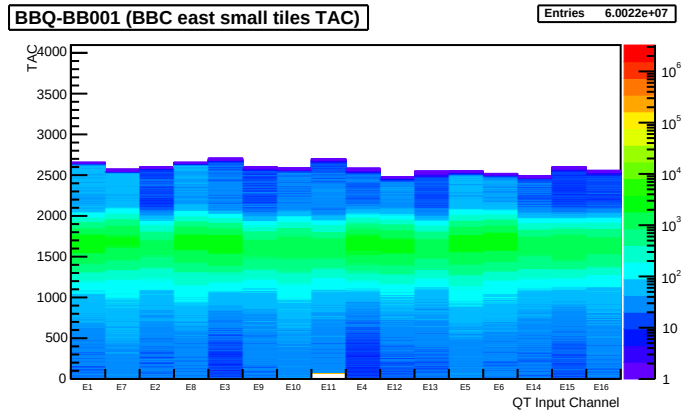

MIX-MT101 Input: VP003 Max TAC
Entries 3751375

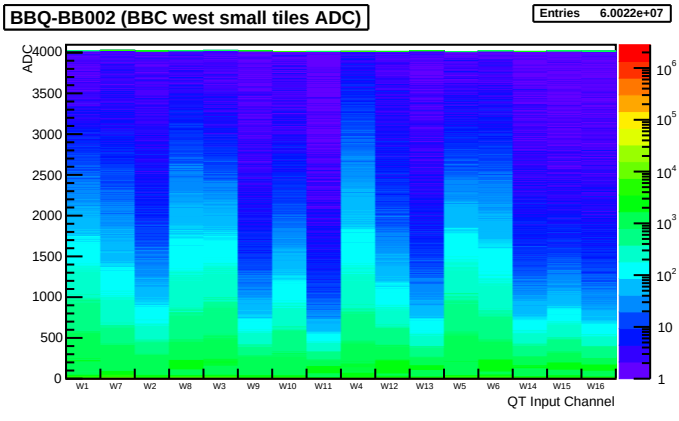

MIX-MT101 Input: VP004 Max TAC
Entries 3751375

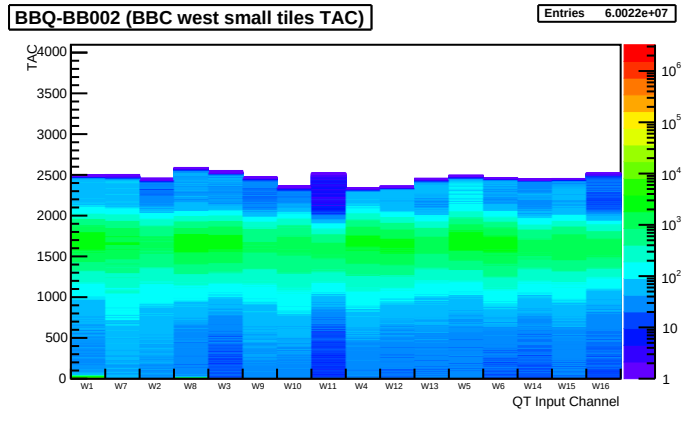

MXQ-PP001
Entries 6.0022e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

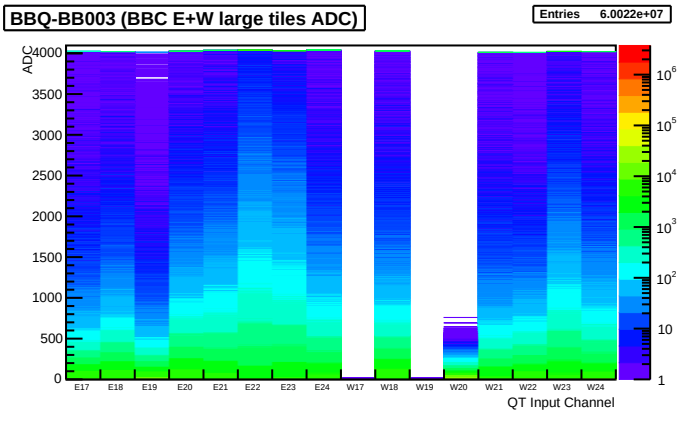

MXQ-PP001
Entries 6.0022e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

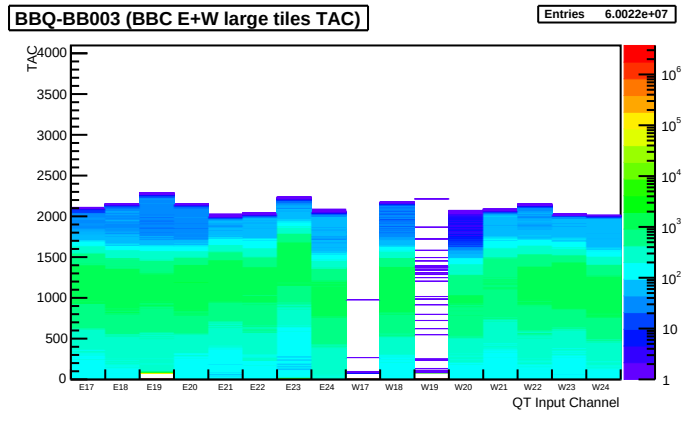

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.0022e+07
ADC
QT Input Channel

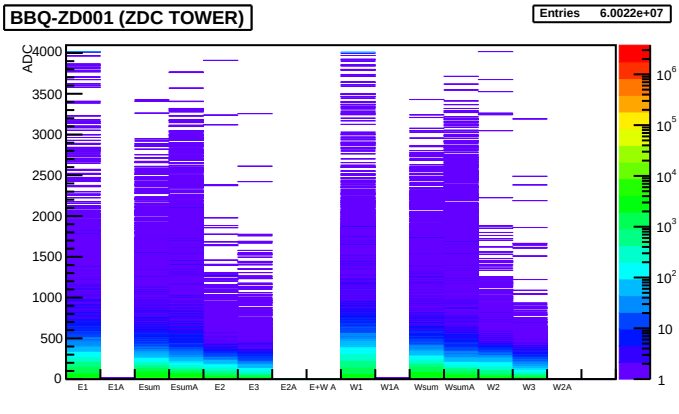

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.0022e+07
TAC
QT Input Channel

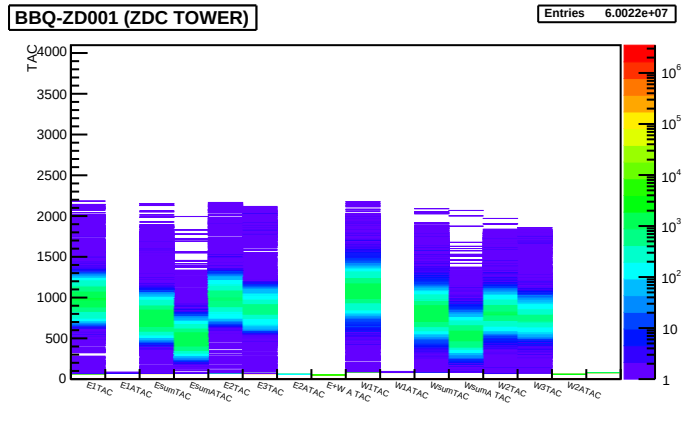

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.0022e+07
ADC
QT Input Channel

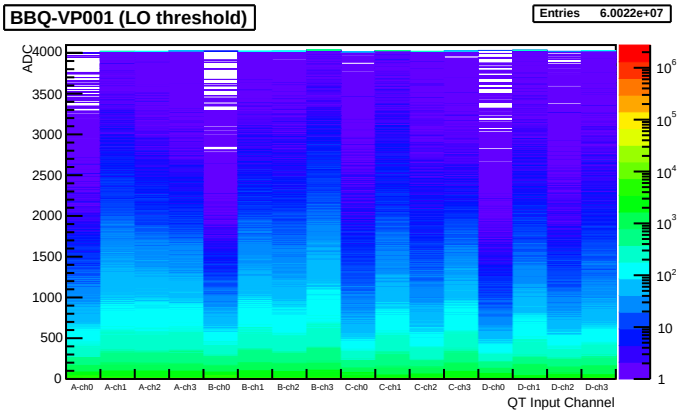

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.0022e+07
TAC
QT Input Channel

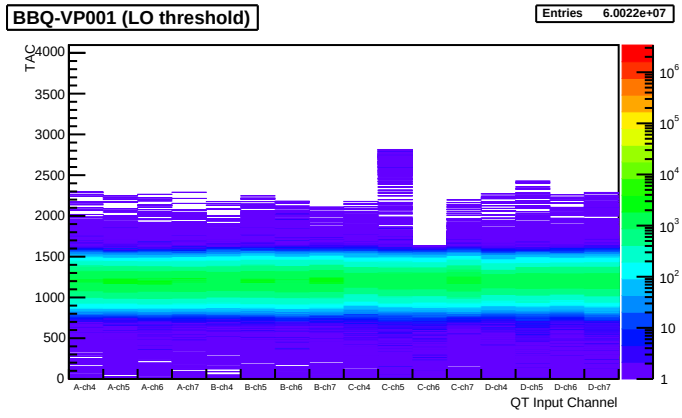

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.0022e+07
ADC
QT Input Channel

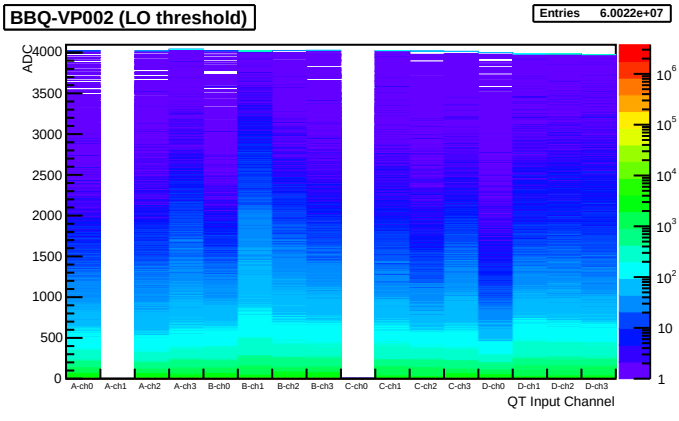

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.0022e+07
TAC
QT Input Channel

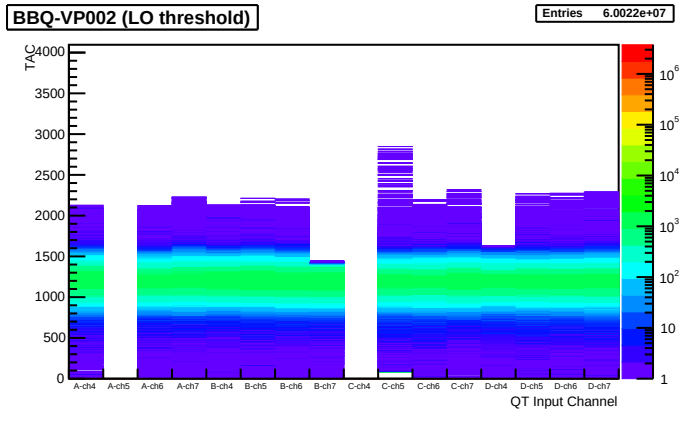

BBQ-ZD001 (ZDC TOWER)
Entries 6.0022e+07
ADC

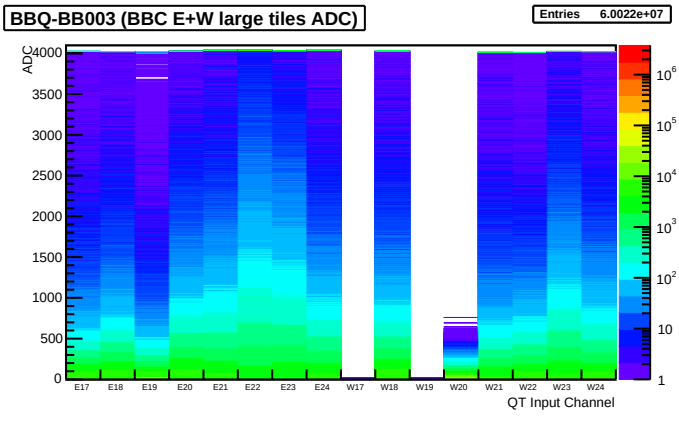

BBQ-ZD001 (ZDC TOWER)
Entries 6.0022e+07
TAC

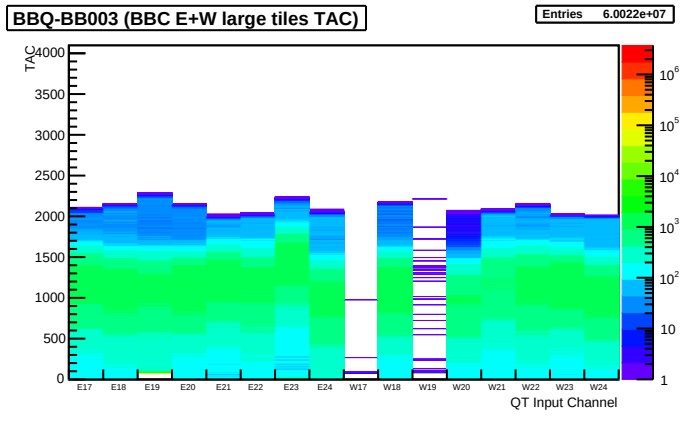

BBQ-VP001 (LO threshold)
Entries 6.0022e+07
ADC
QT Input Channel

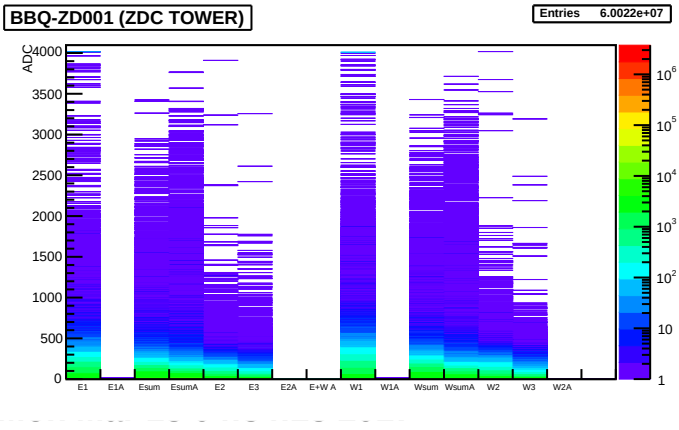

BBQ-VP001 (LO threshold)
Entries 6.0022e+07
TAC
QT Input Channel

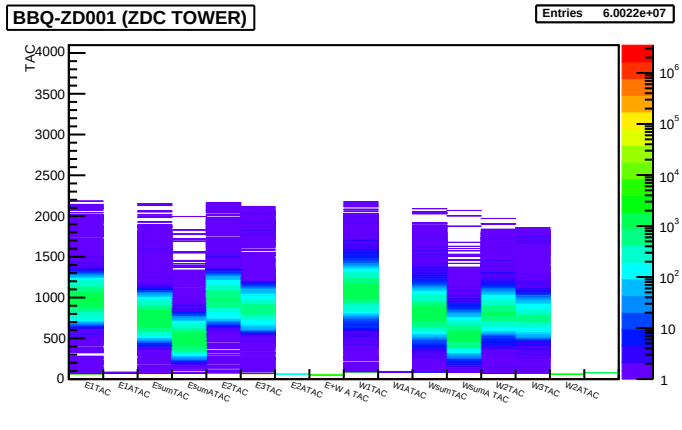

BBQ-VP002 (LO threshold)
Entries 6.0022e+07
ADC
QT Input Channel

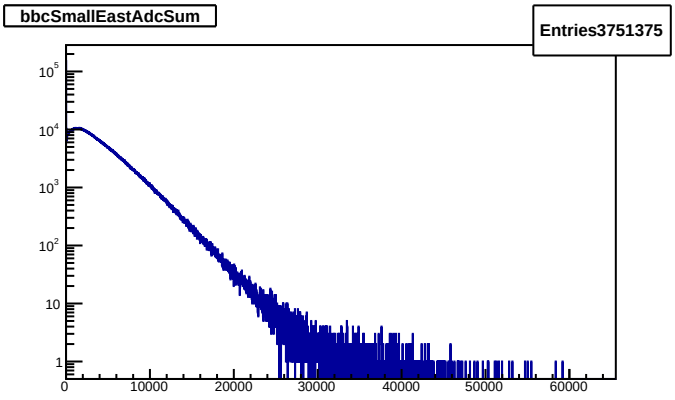

BBQ-VP002 (LO threshold)
Entries 6.0022e+07
TAC
QT Input Channel

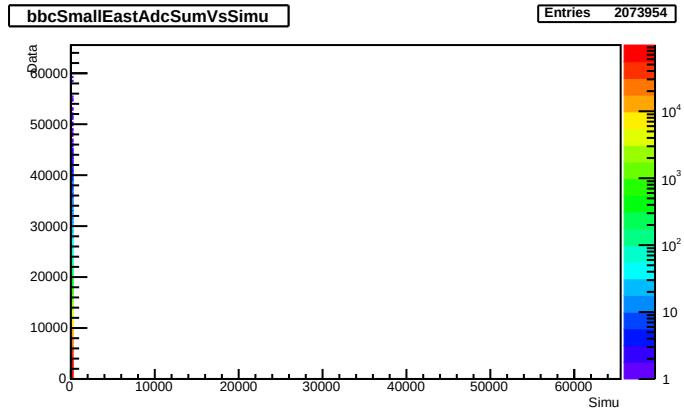

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.0022e+07
ADC
QT Input Channel

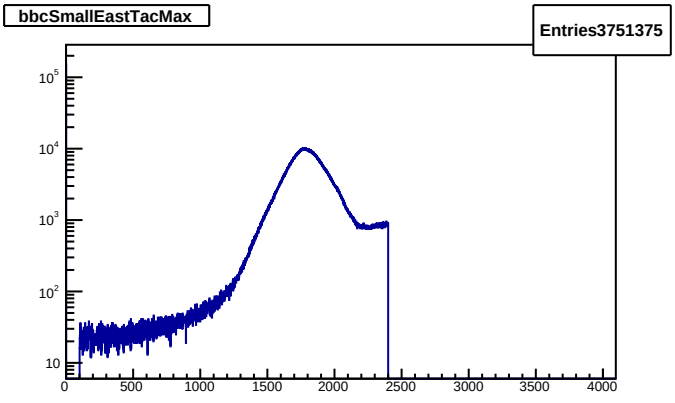

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.0022e+07
TAC
QT Input Channel

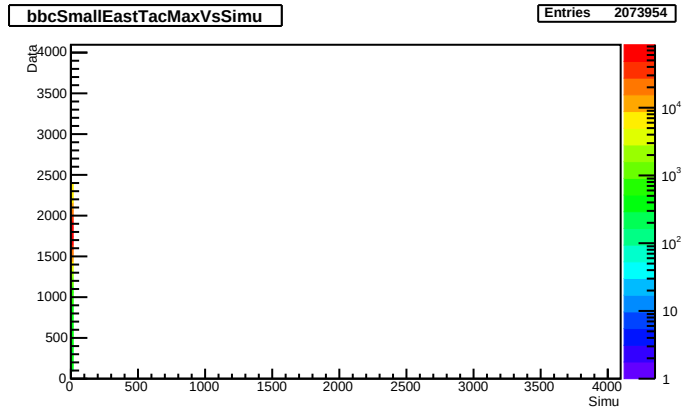

BBQ-ZD001 (ZDC TOWER)
Entries 6.0022e+07
ADC

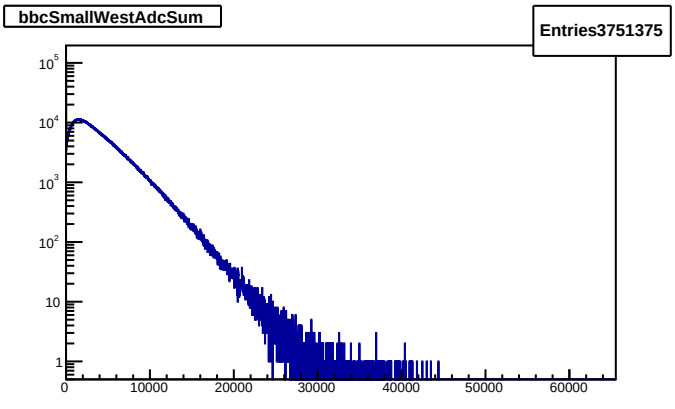

BBQ-ZD001 (ZDC TOWER)
Entries 6.0022e+07
TAC

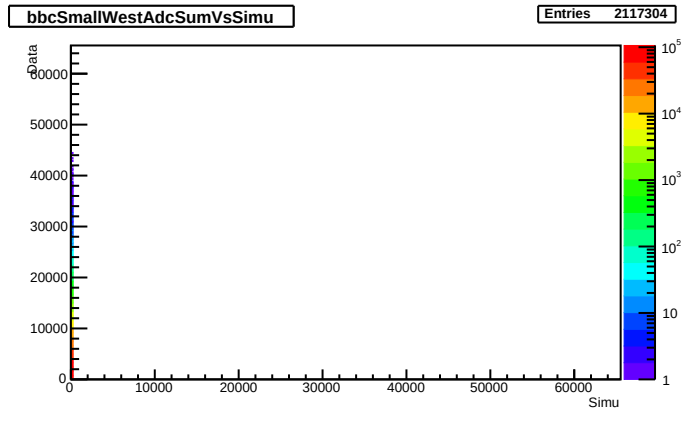

bbcSmallEastAdcSum
Entries3751375

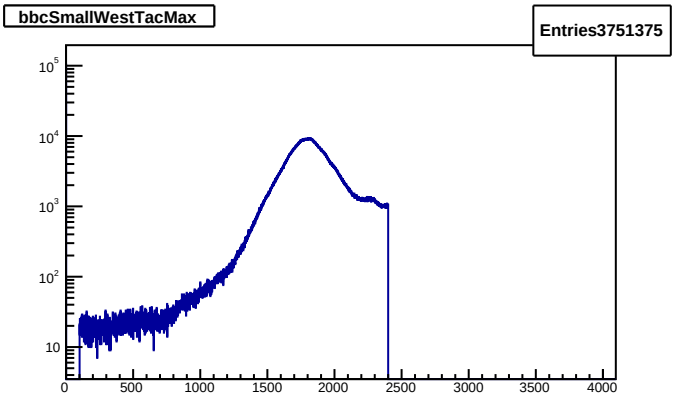

bbcSmallEastAdcSumVsSimu
Entries 2073954
Data
Simu

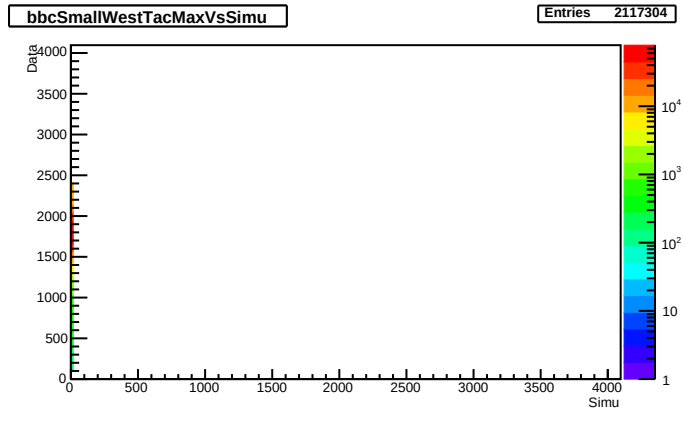

bbcSmallEastTacMax
Entries3751375

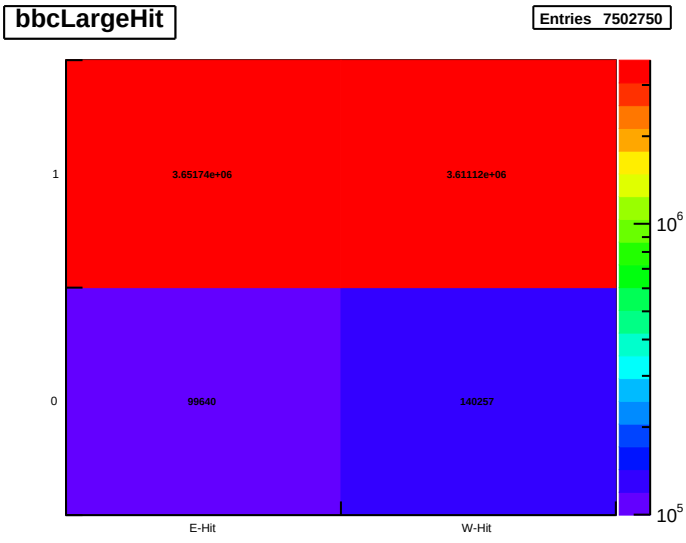

bbcSmallEastTacMaxVsSimu
Entries 2073954
Data
Simu

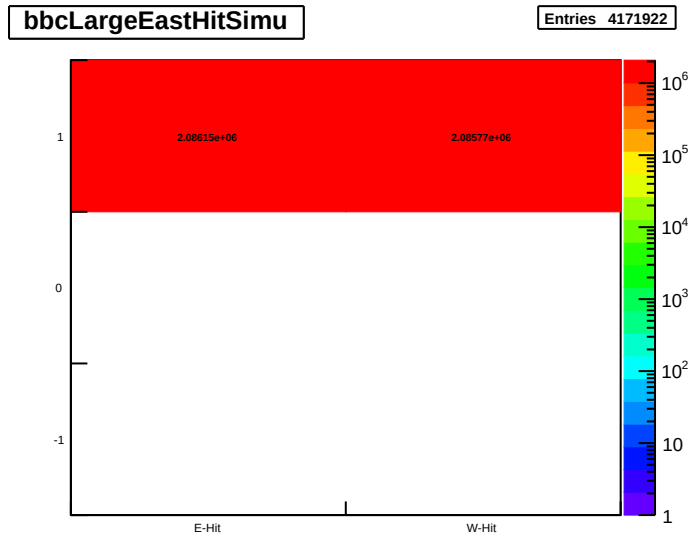

bbcSmallWestAdcSum
Entries3751375

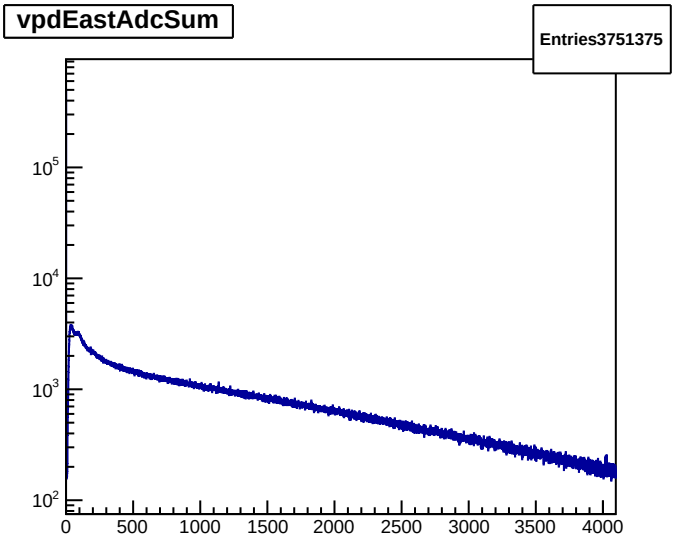

bbcSmallWestAdcSumVsSimu
Entries 2117304
Data
Simu

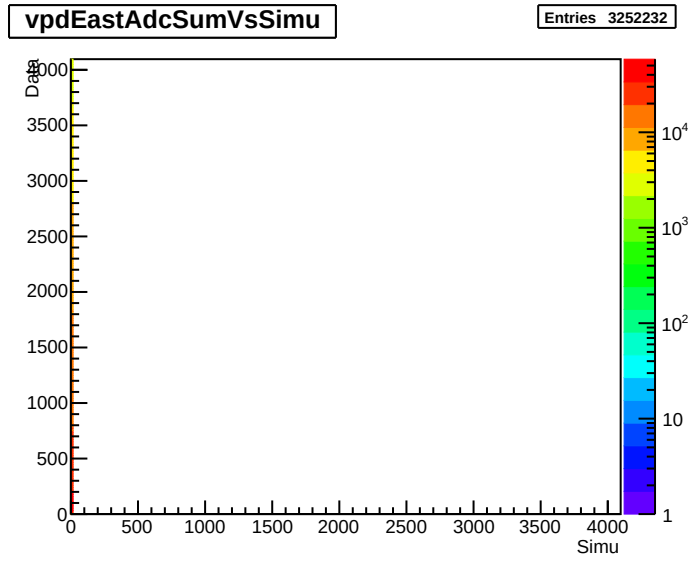

bbcSmallWestTacMax
Entries3751375

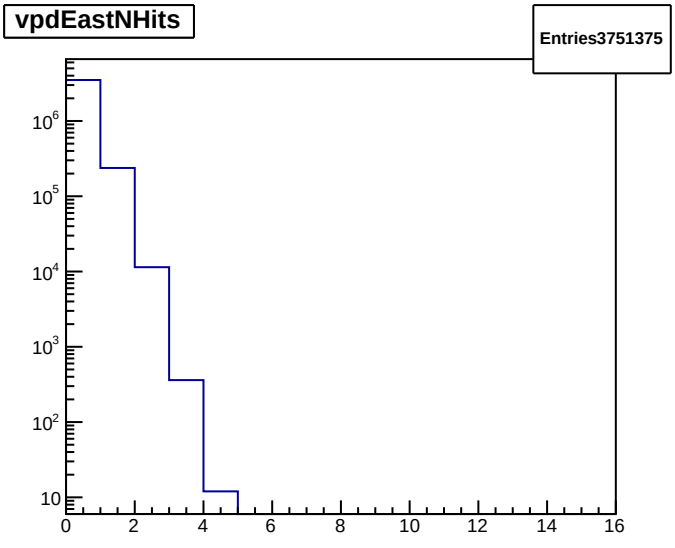

bbcSmallWestTacMaxVsSimu
Entries 2117304
Data
Simu

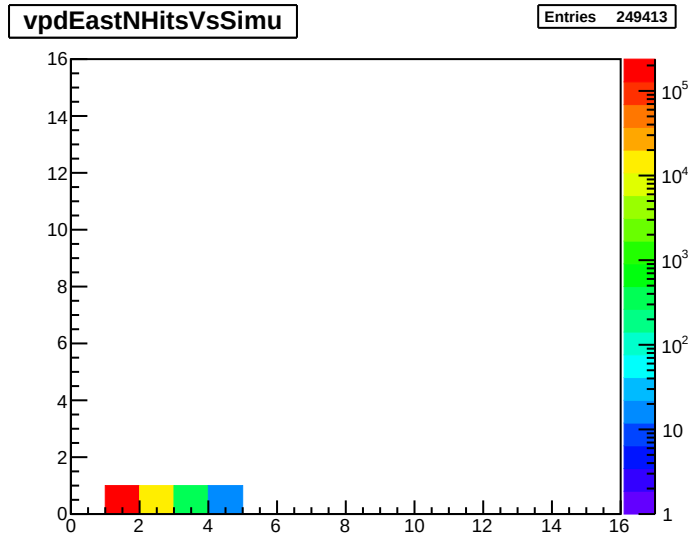

bbcLargeHit
Entries 7502750
1
0
3.65174e+06
3.61112e+06
99640
140257
E-Hit
W-Hit
10^6
10^5

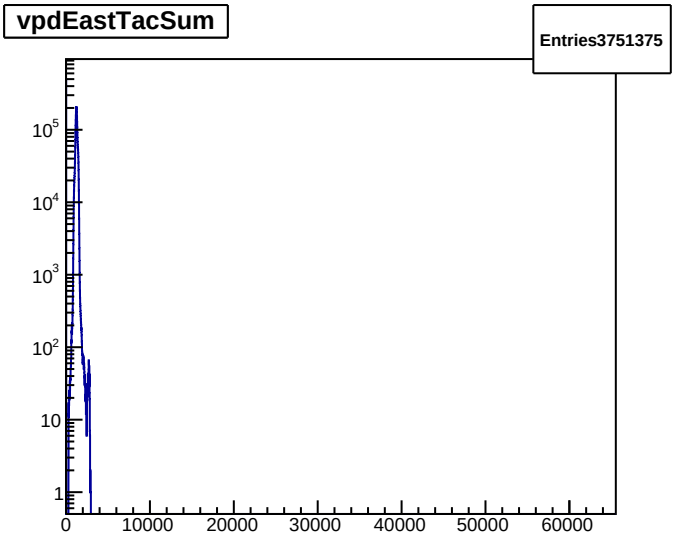

bbcLargeEastHitSimu
Entries 4171922
1
0
-1
2.08615e+06
2.08577e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

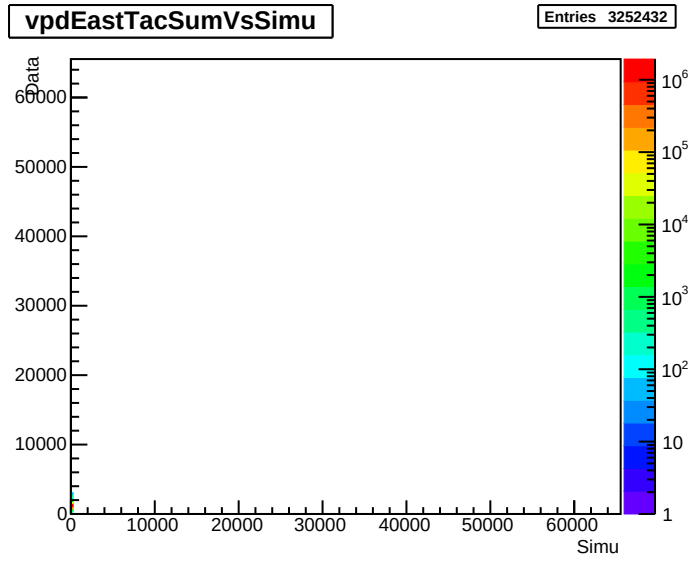

vpdEastAdcSum
Entries3751375

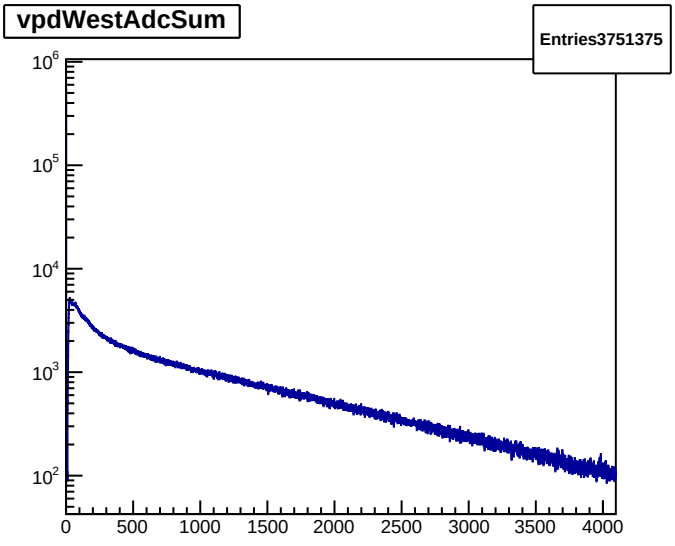

vpdEastAdcSumVsSimu
Entries 3252232
Data
Simu

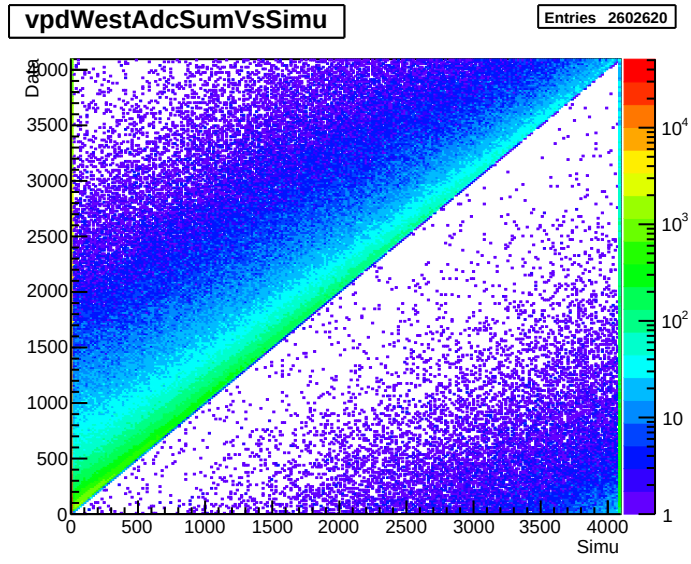

vpdEastNHits
Entries3751375

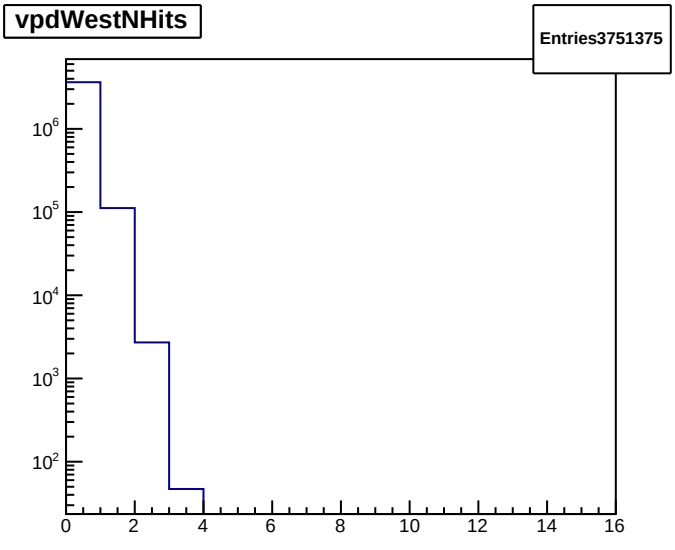

vpdEastNHitsVsSimu
Entries 249413

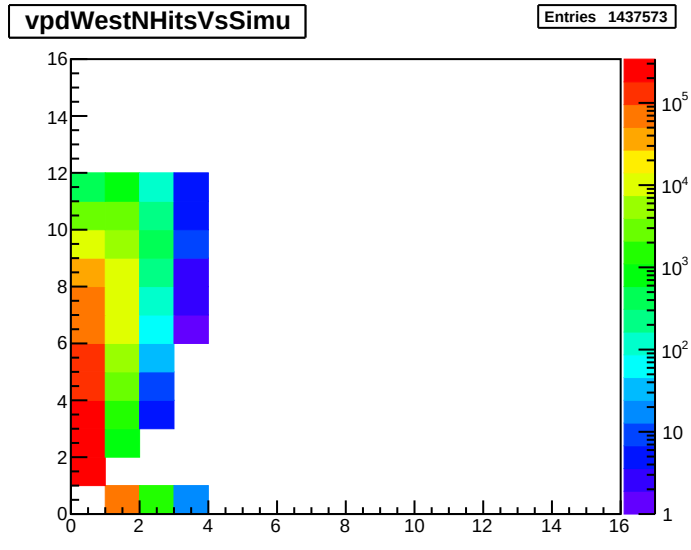

vpdEastTacSum
Entries3751375

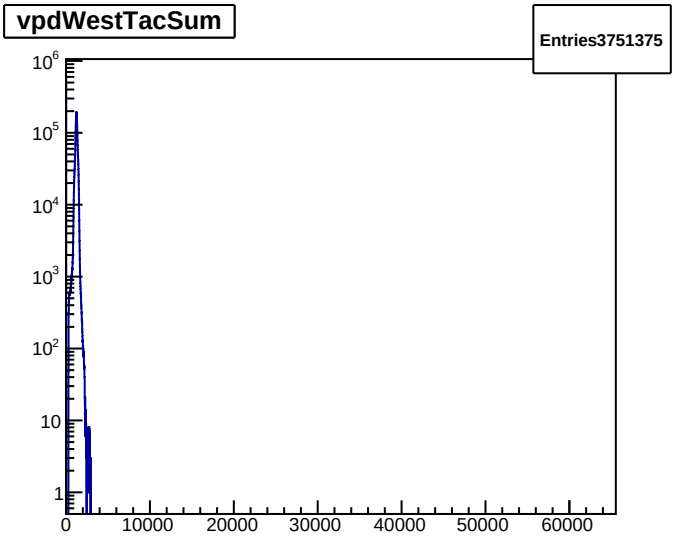

vpdEastTacSumVsSimu
Entries 3252432
Data
Simu

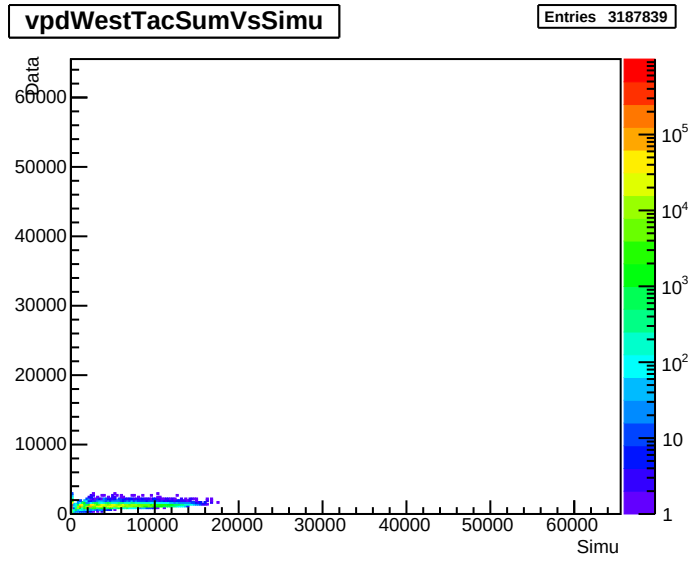

vpdWestAdcSum
Entries3751375

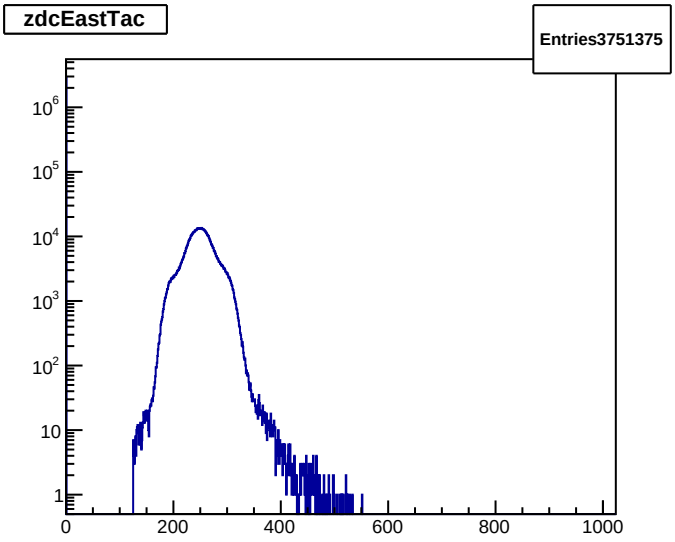

vpdWestAdcSumVsSimu
Entries 2602620
Data
Simu

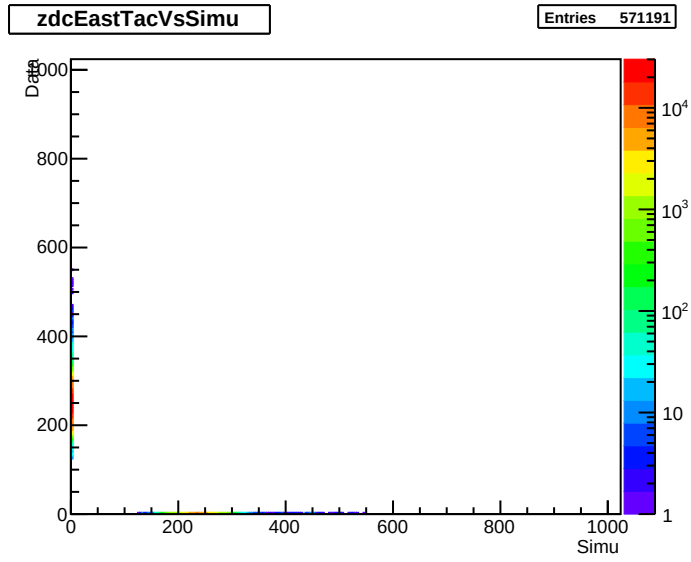

vpdWestNHits
Entries3751375

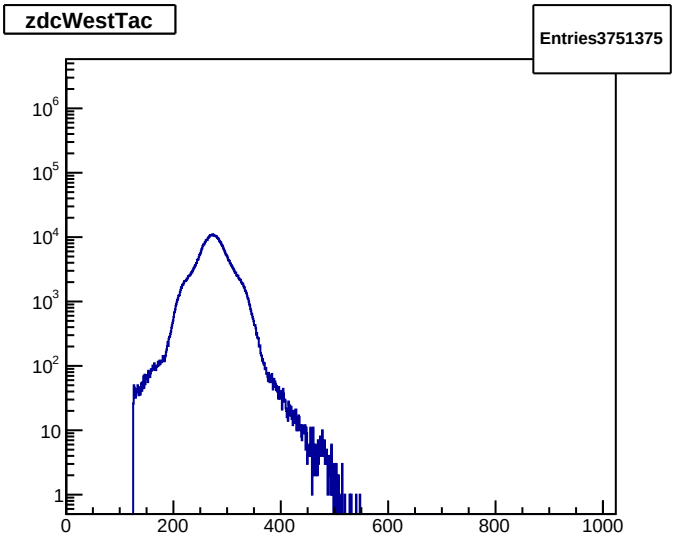

vpdWestNHitsVsSimu
Entries 1437573

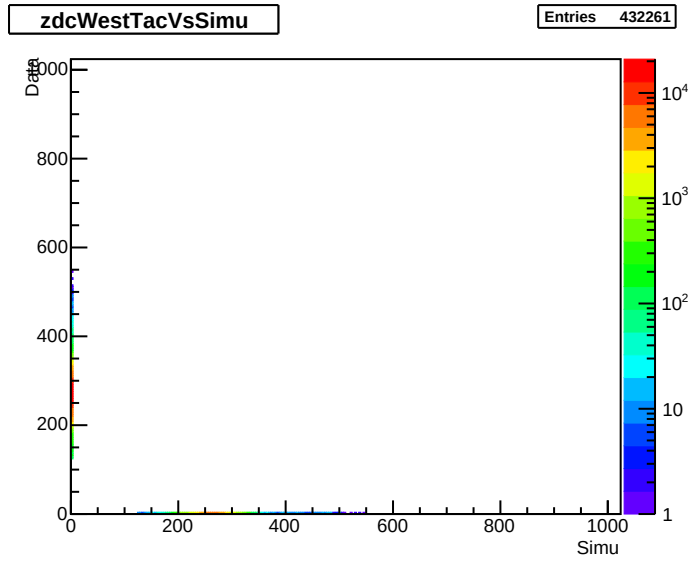

vpdWestTacSum
Entries3751375

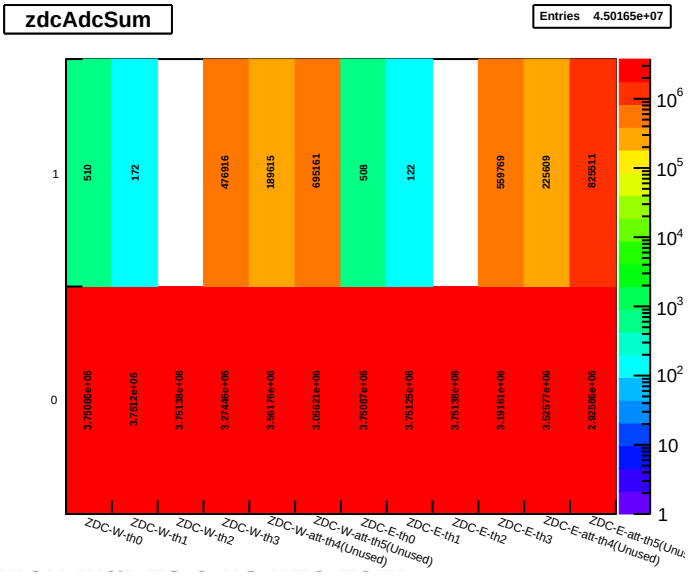

vpdWestTacSumVsSimu
Entries 3187839
Data
Simu

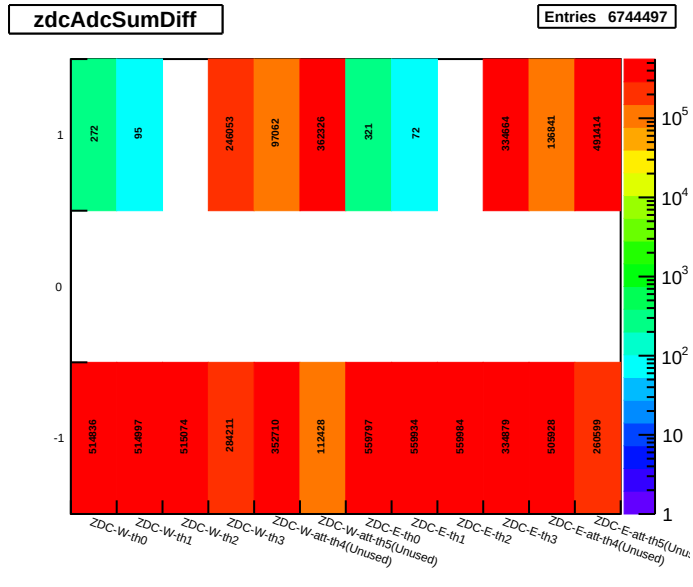

zdcEastTac
Entries3751375

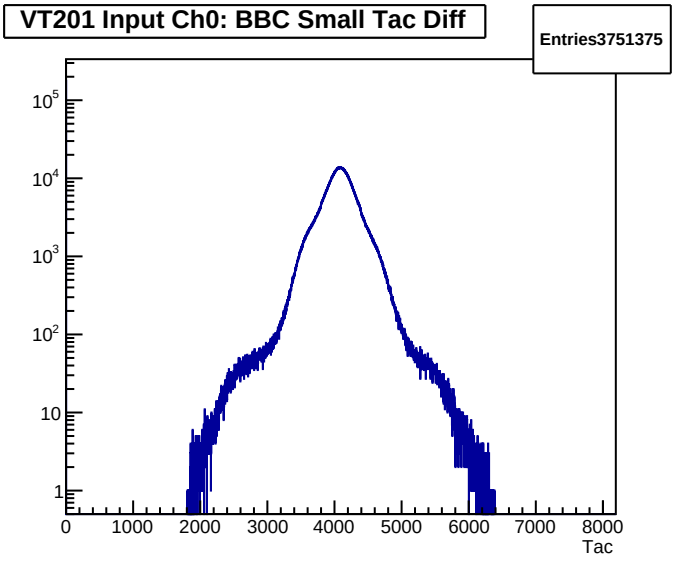

zdcEastTacVsSimu
Entries 571191
Data
Simu

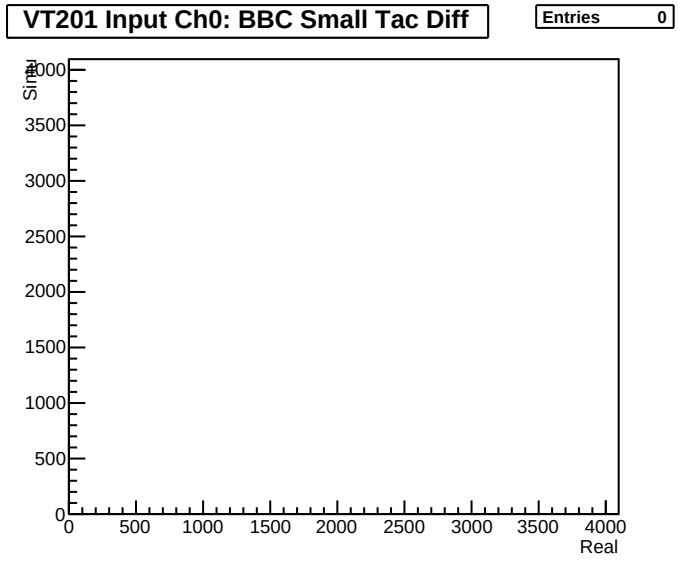

zdcWestTac
Entries3751375

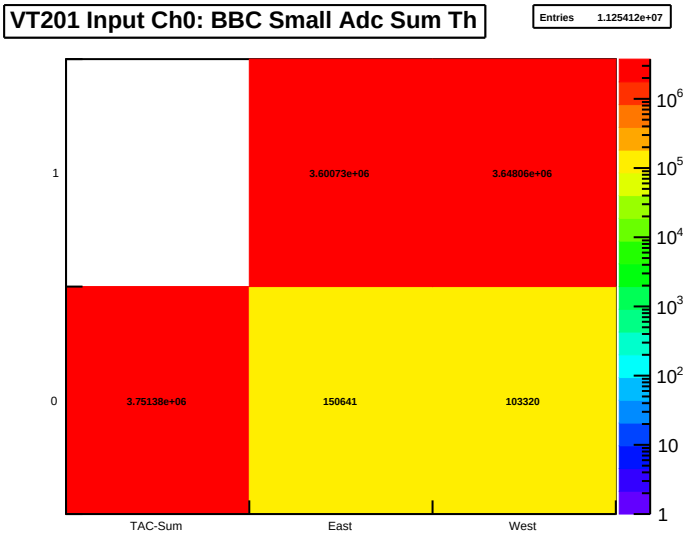

zdcWestTacVsSimu
Entries 432261
Data
Simu

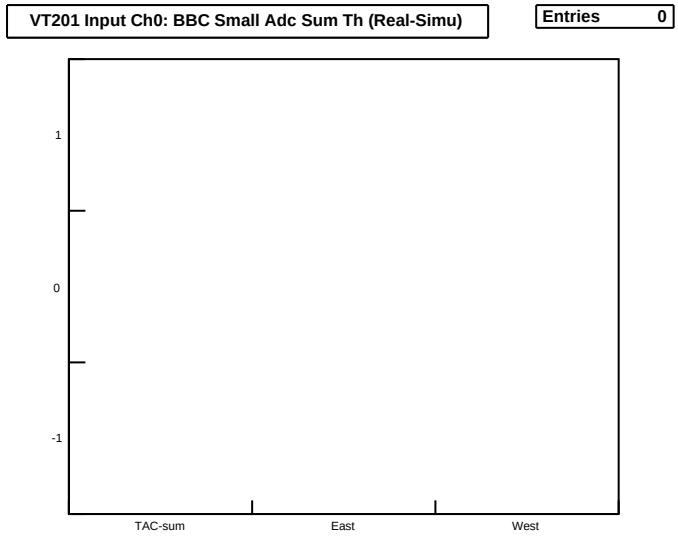

zdcAdcSum
Entries 4.50165e+07
510
172
476916
189615
695161
508
122
559769
225609
825511
3.75086e+06
3.7512e+06
3.75138e+06
3.27446e+06
3.56176e+06
3.05621e+06
3.75087e+06
3.7512e+06
3.75138e+06
3.19161e+06
3.52577e+06
2.92586e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

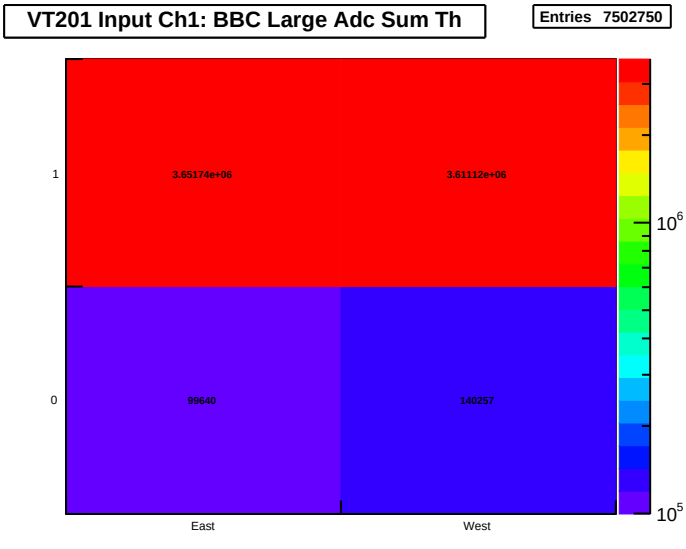

zdcAdcSumDiff
Entries 6744497
272
95
246053
97062
362326
321
72
334664
136841
491414
514836
514997
515074
284211
352710
112428
559797
559934
559864
334679
503928
260599
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

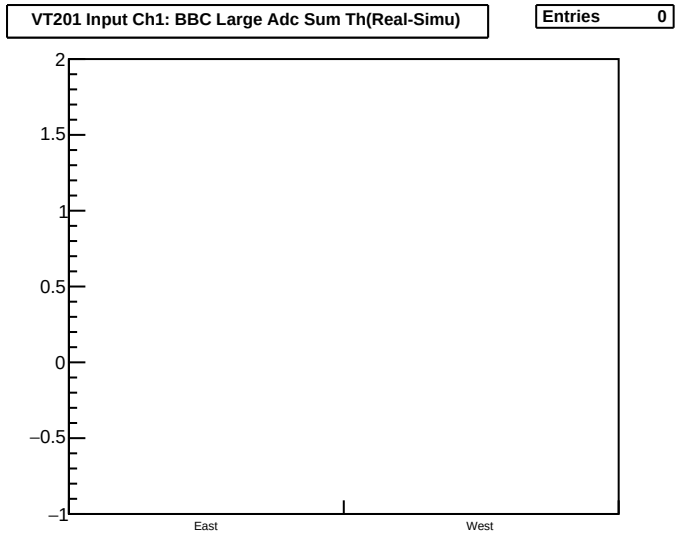

VT201 Input Ch0: BBC Small Tac Diff
Entries3751375
Tac


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

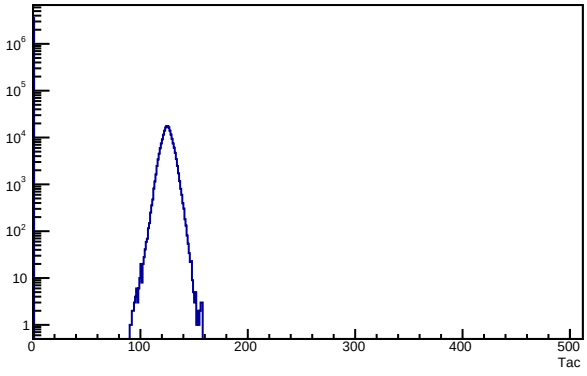

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.125412e+07
3.60073e+06
3.64806e+06
3.75138e+06
150641
103320
TAC-Sum
East
West


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

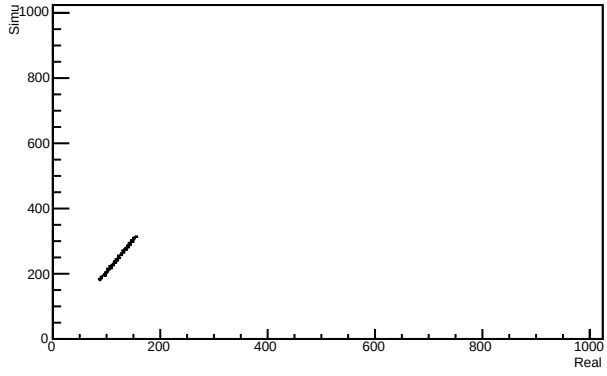

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7502750
3.65174e+06
3.61112e+06
99640
140257
East
West


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

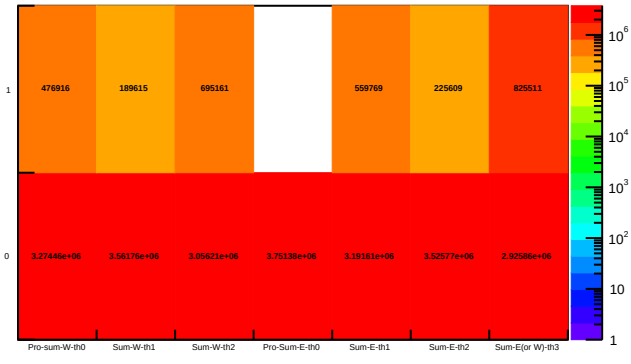
VT201 Input Ch2: ZDC Tac Diff



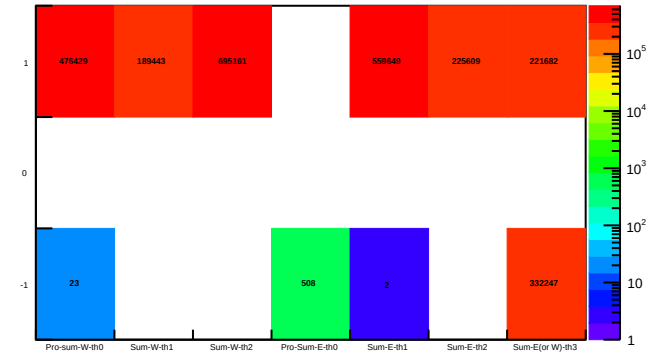
VT201 Input Ch2: ZDC Tac Diff



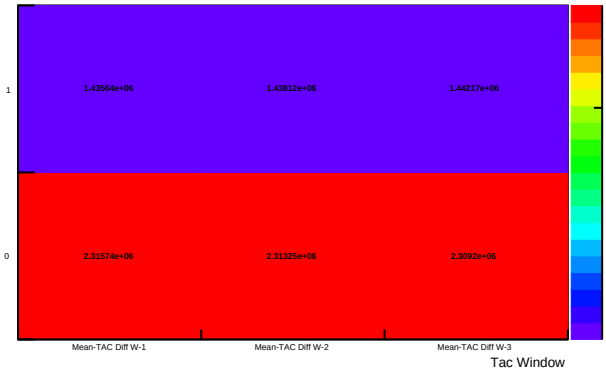
VT201 Input Ch2: ZDC Adc Sum Th



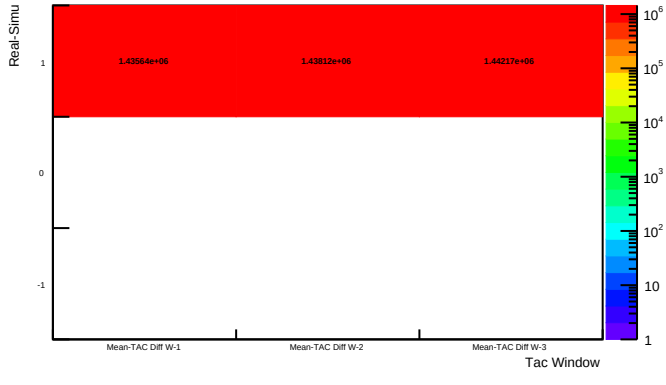
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



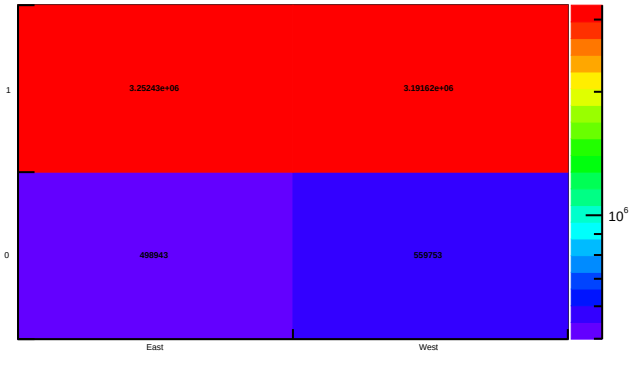
VT201 Input Ch4: VPD Tac Diff



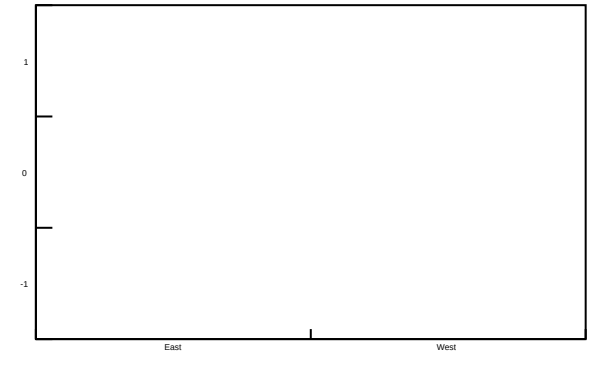
VT201 Input Ch4: VPD Tac Diff

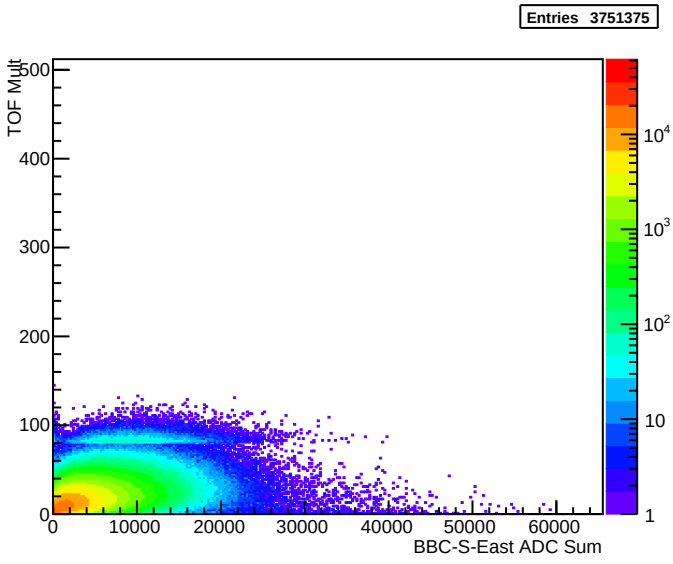


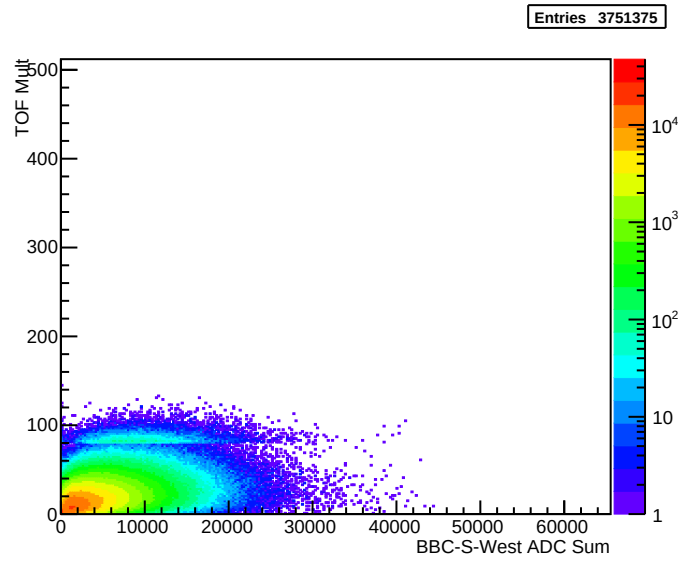
VT201 Input Ch4: VPD Adc Sum Th

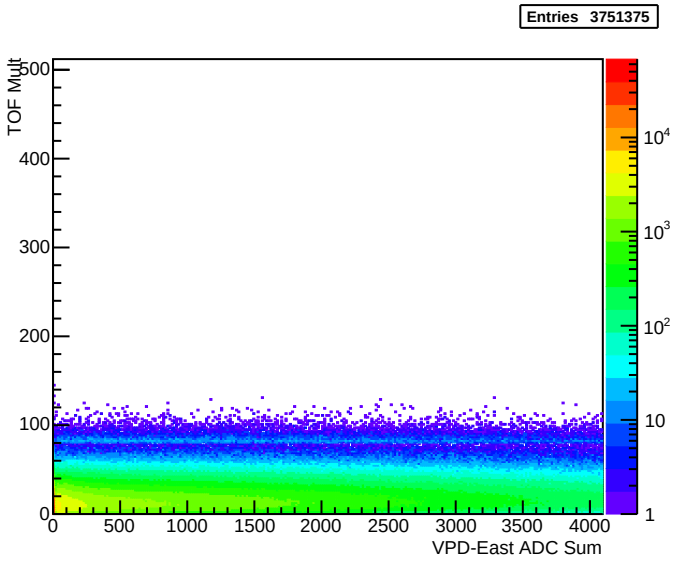


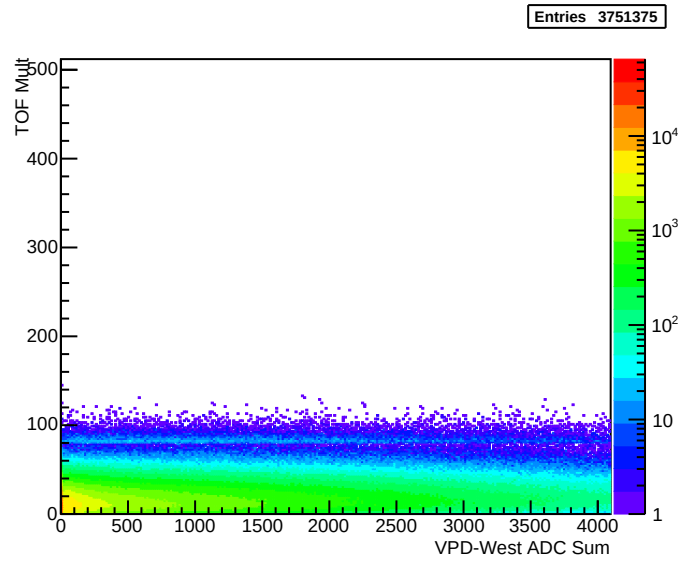
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

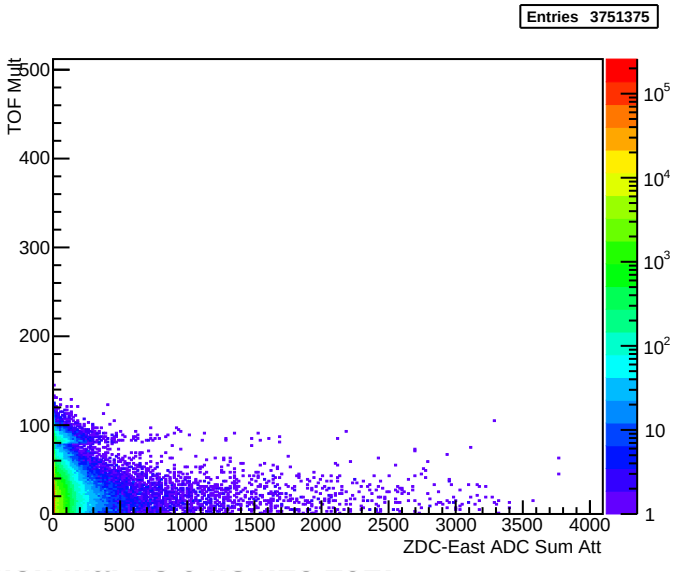


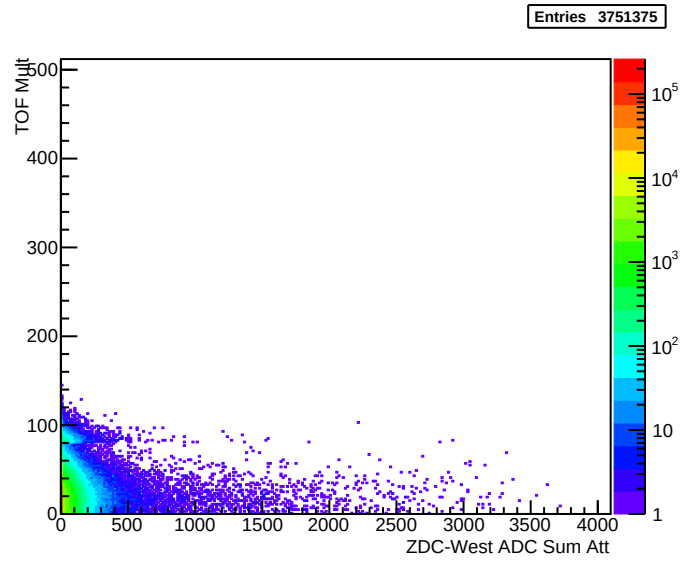

Entries 3751375
TOF Mult
BBC-S-East ADC Sum

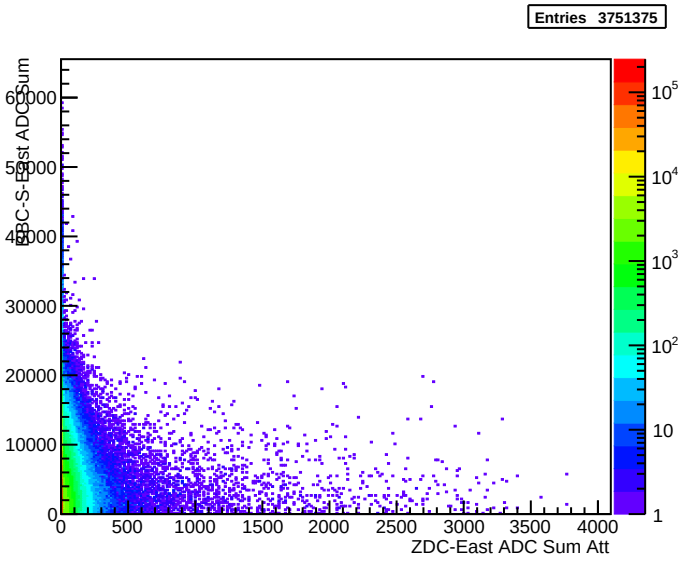

Entries 3751375
TOF Mult
BBC-S-West ADC Sum

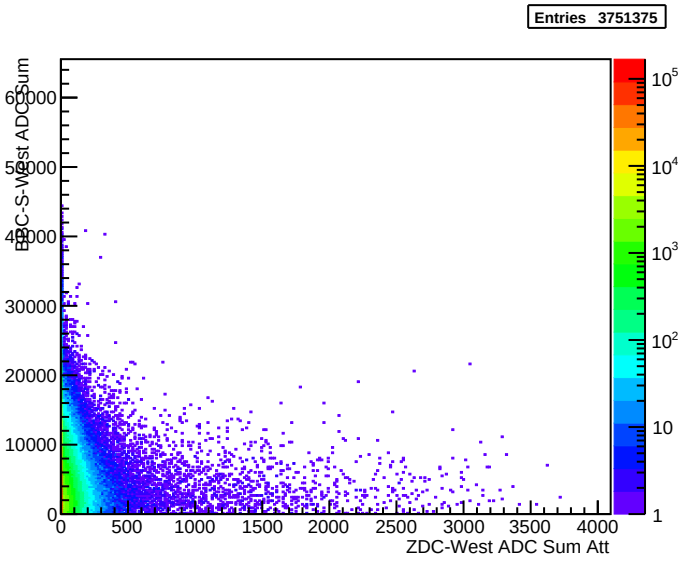

Entries 3751375
TOF Mult
VPD-East ADC Sum

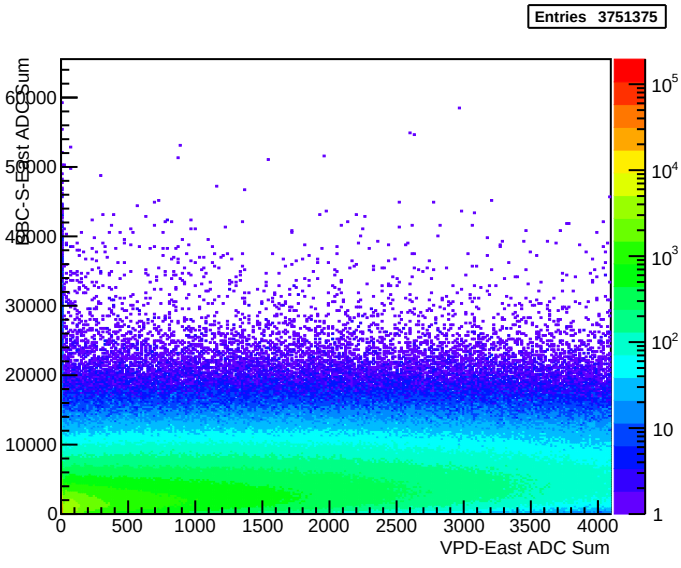

Entries 3751375
TOF Mult
VPD-West ADC Sum

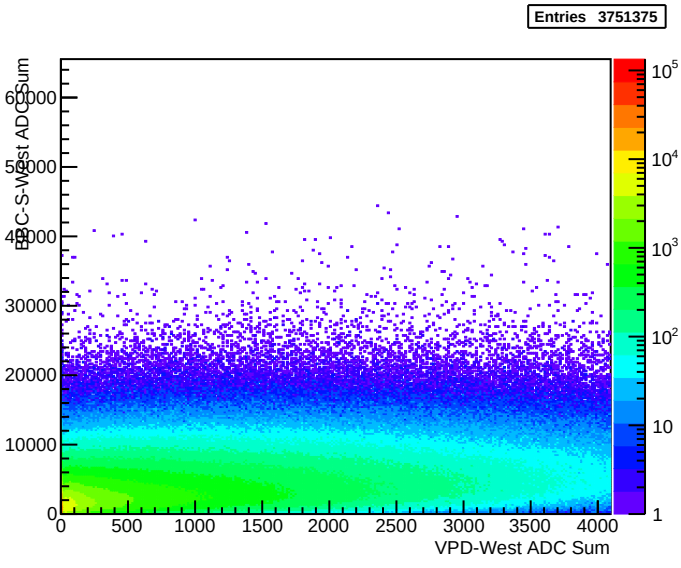

Entries 3751375
TOF Mult
ZDC-East ADC Sum Att

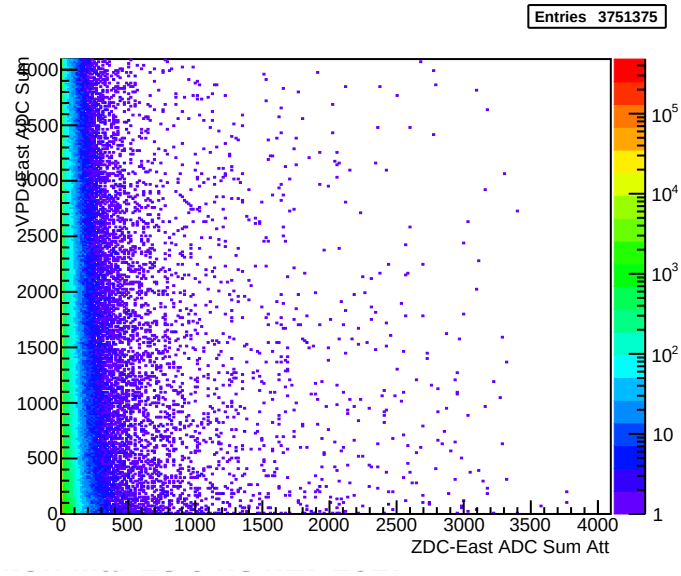

Entries 3751375
TOF Mult
ZDC-West ADC Sum Att

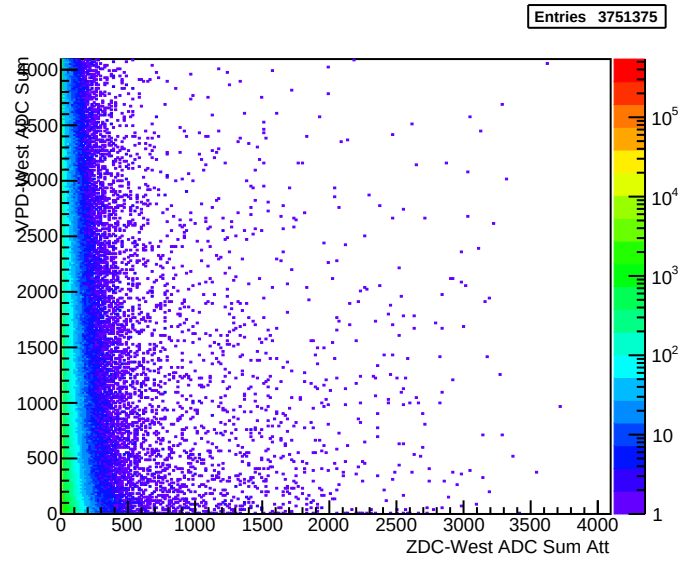

Entries 3751375
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

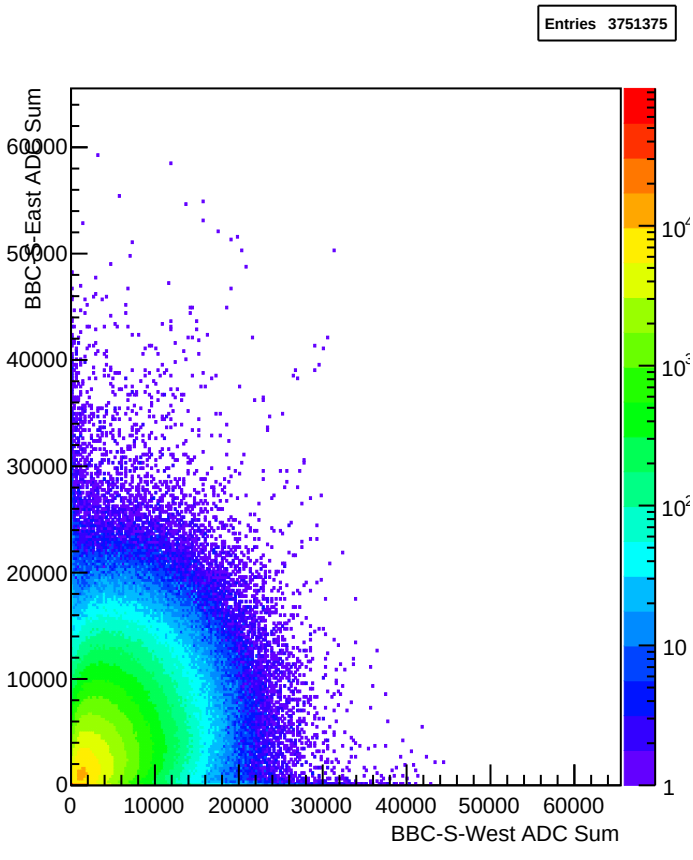

Entries 3751375
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

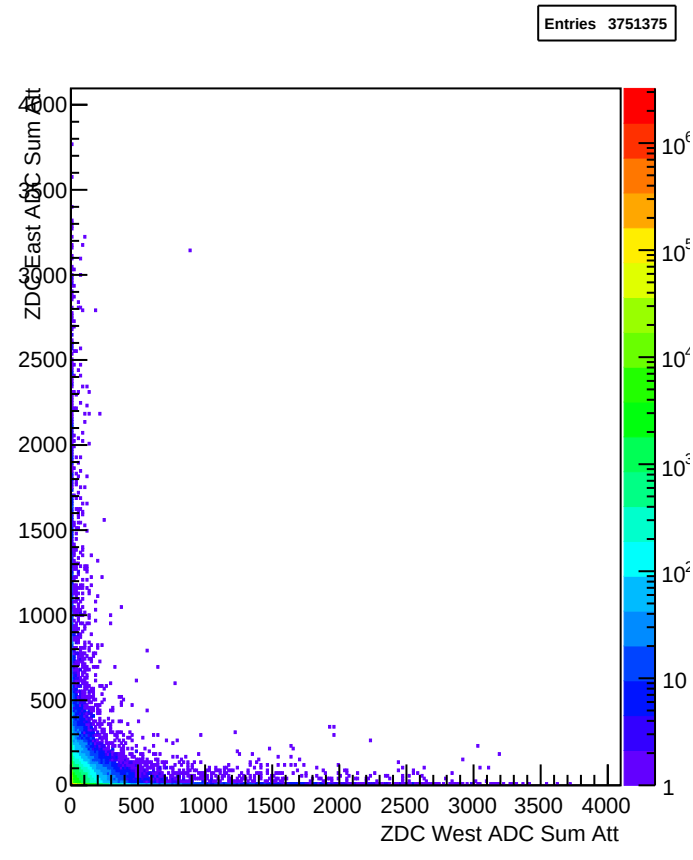

Entries 3751375
BBC-S-East ADC Sum
VPD-East ADC Sum

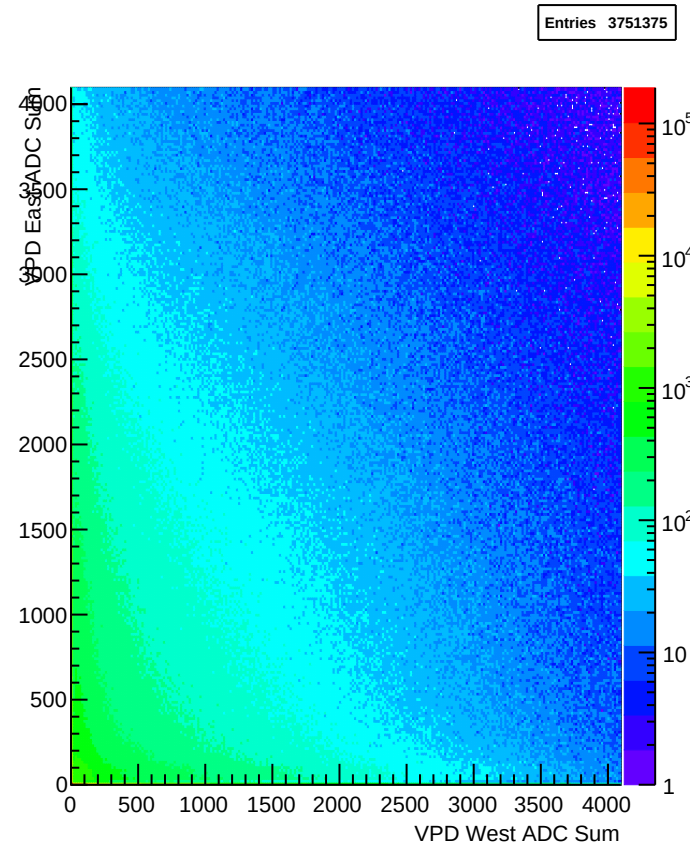

Entries 3751375
BBC-S-West ADC Sum
VPD-West ADC Sum

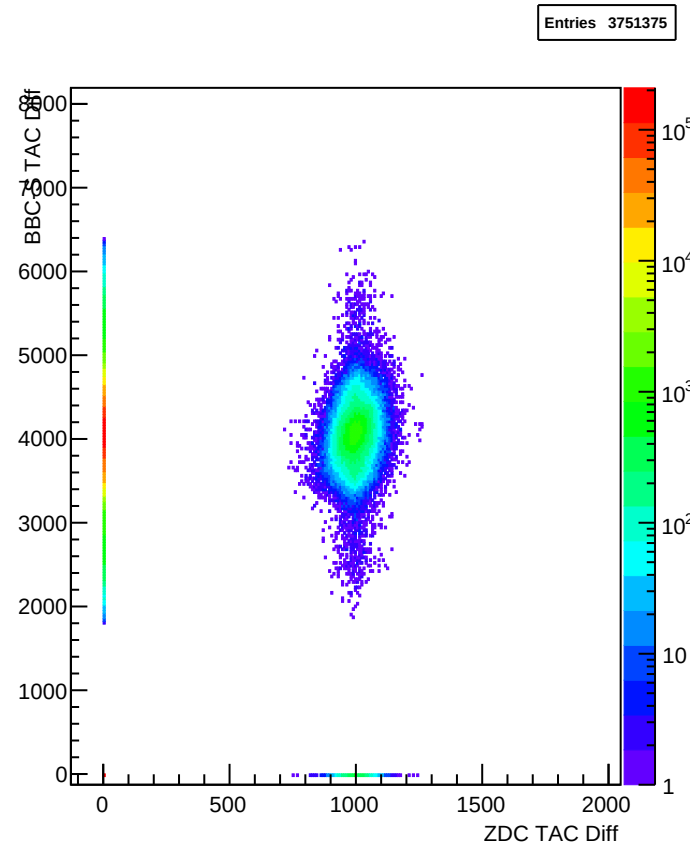

Entries 3751375
VPD-East ADC Sum
ZDC-East ADC Sum Att

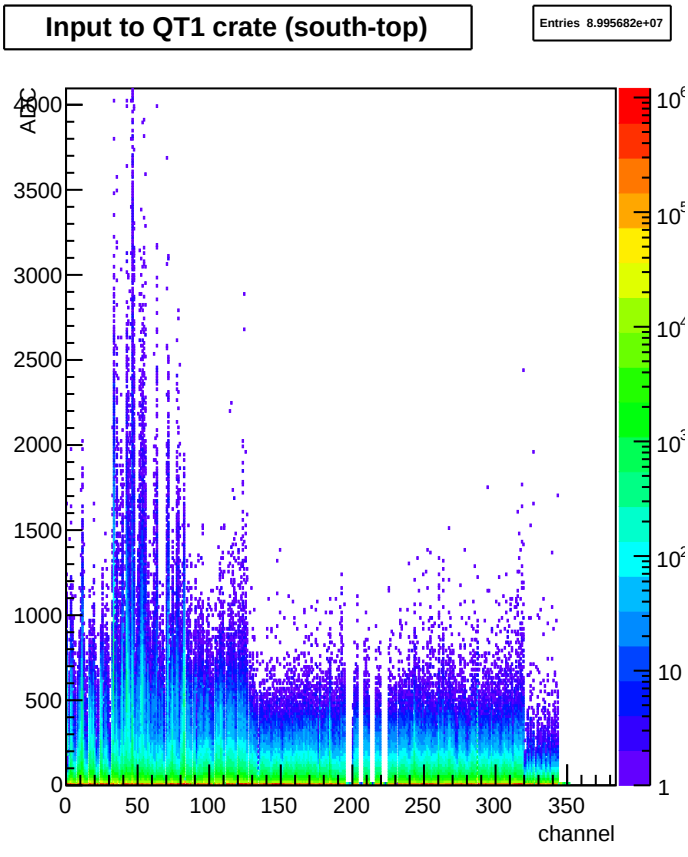

Entries 3751375
VPD-West ADC Sum
ZDC-West ADC Sum Att

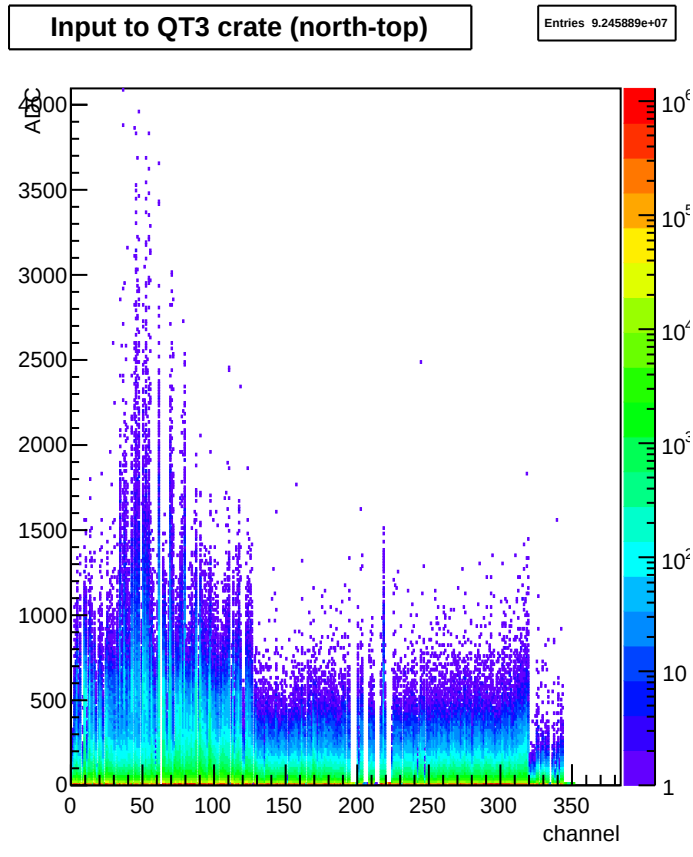

Entries 3751375
BBC-S-East ADC Sum
BBC-S-West ADC Sum

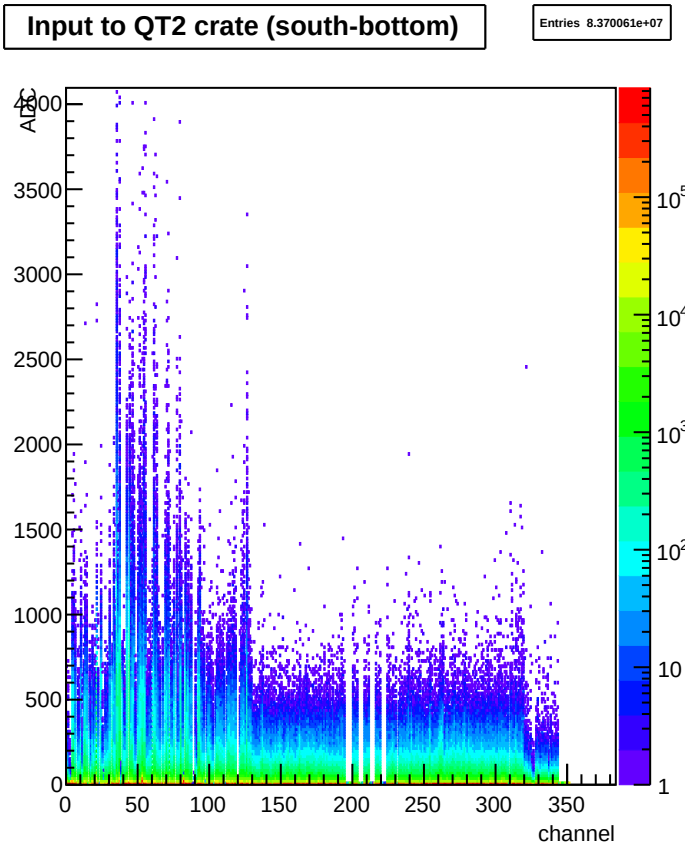

Entries 3751375
ZDC East ADC Sum Att
ZDC West ADC Sum Att

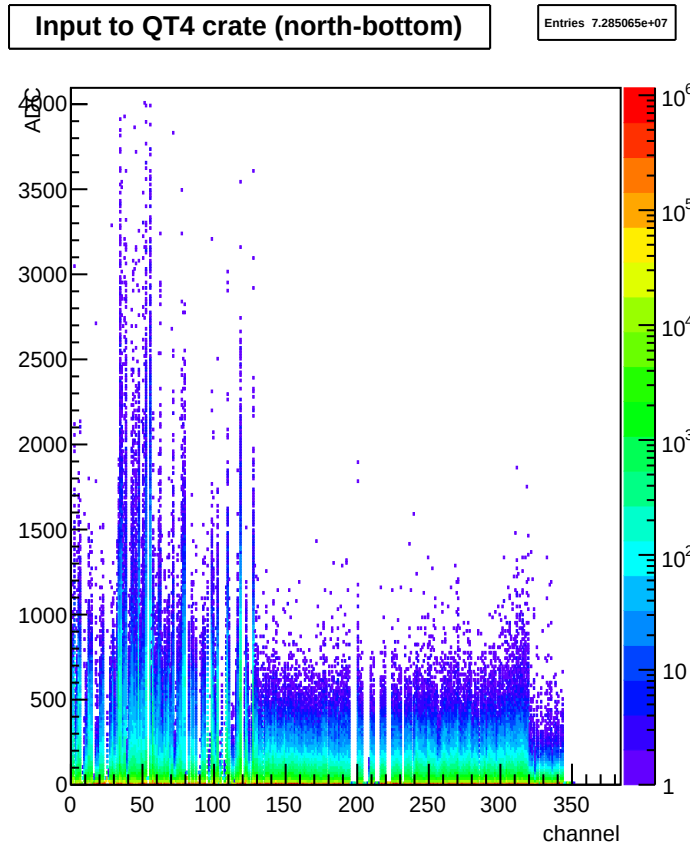

Entries 3751375
VPD East ADC Sum
VPD West ADC Sum

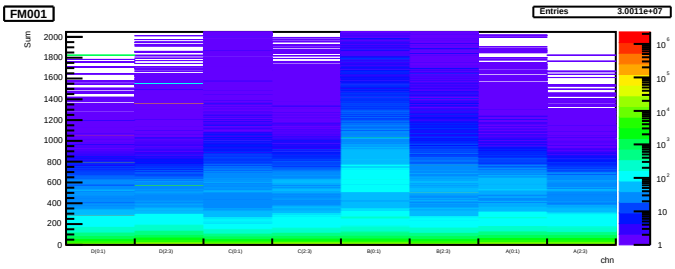

Entries 3751375
BBC-S TAC Diff
ZDC TAC Diff

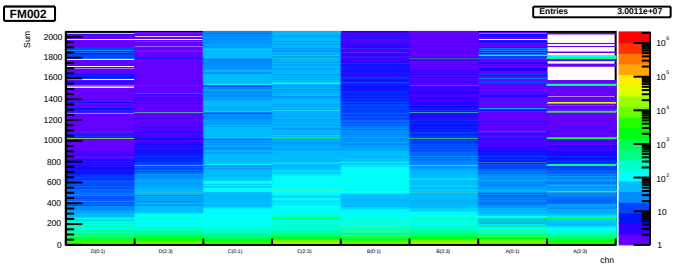

Input to QT1 crate (south-top)
Entries 8.995682e+07
ADC
channel

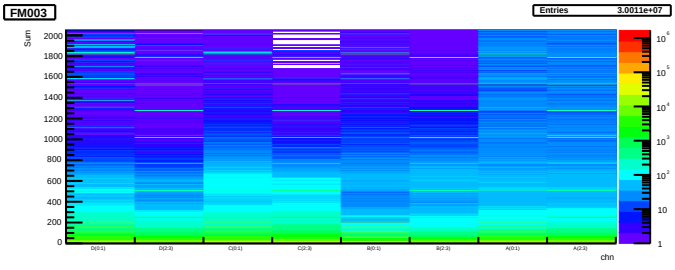

Input to QT3 crate (north-top)
Entries 9.245889e+07
ADC
channel


Input to QT2 crate (south-bottom)
Entries 8.370061e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 7.285065e+07
ADC
channel


FM001
Entries 3.0011e+07
Sum
chn


FM002
Entries 3.0011e+07
Sum
chn


FM003
Entries 3.0011e+07
Sum
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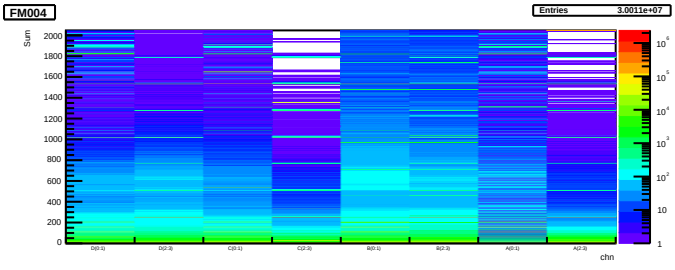
FM004
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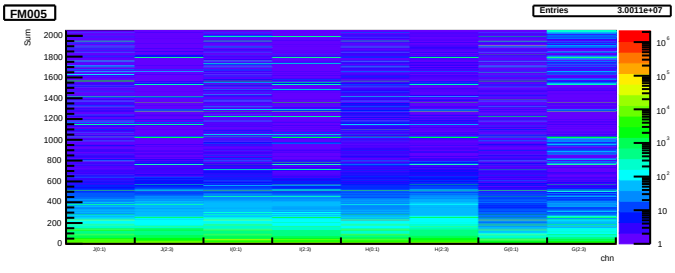
FM005
Entries 3.0011e+07
Sum
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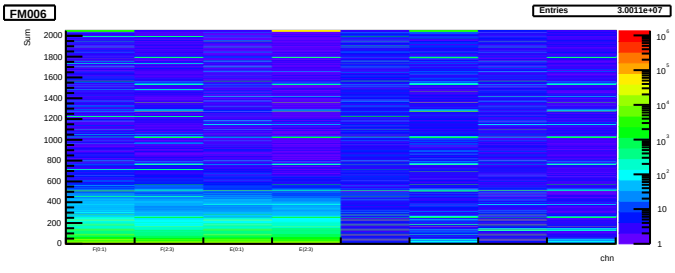
FM006
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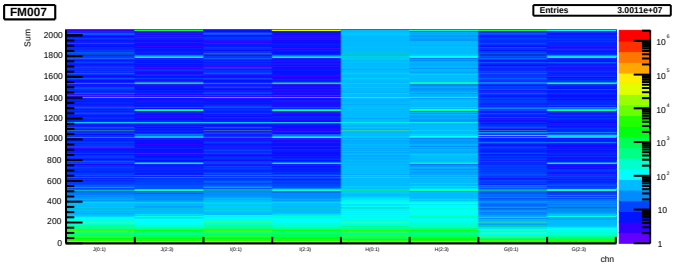
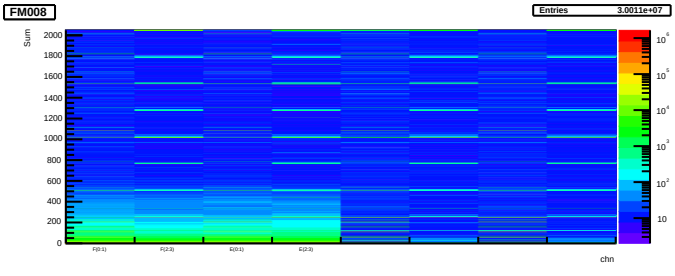

FM007
Entries 3.0011e+07
Sum
chn


FM008
Entries 3.0011e+07
Sum
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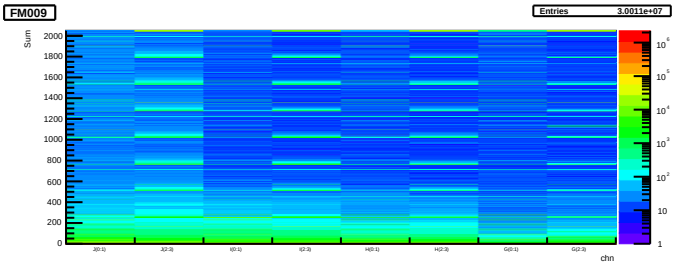
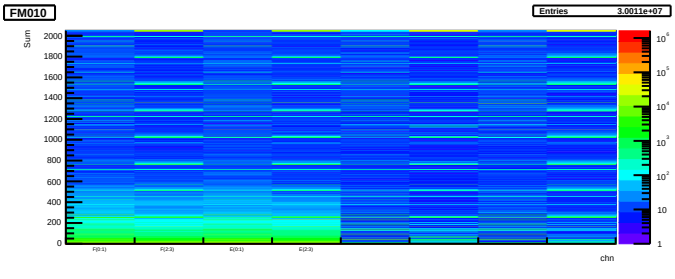

FM009
Entries 3.0011e+07
Sum
chn


FM010
Entries 3.0011e+07
Sum
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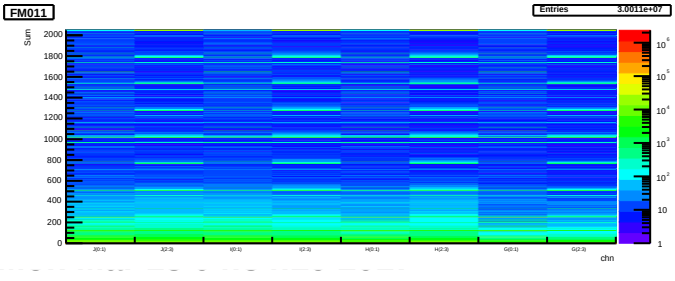
FM011
Entries 3.0011e+07
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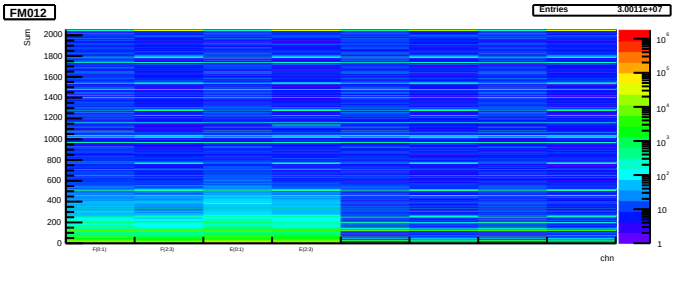
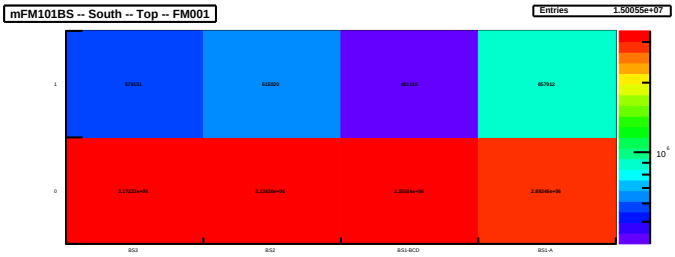
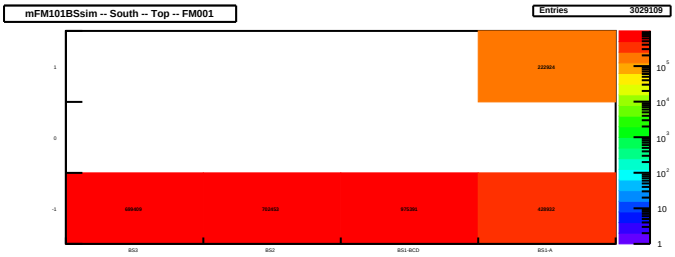
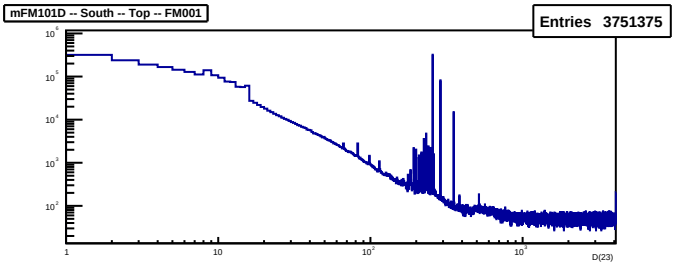
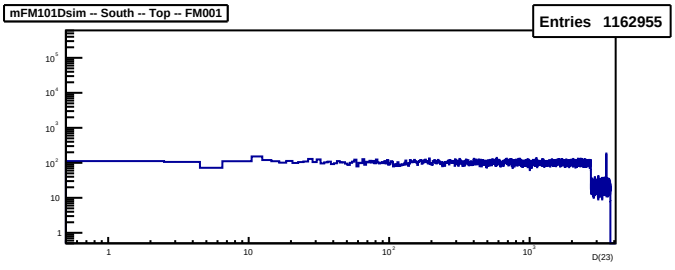
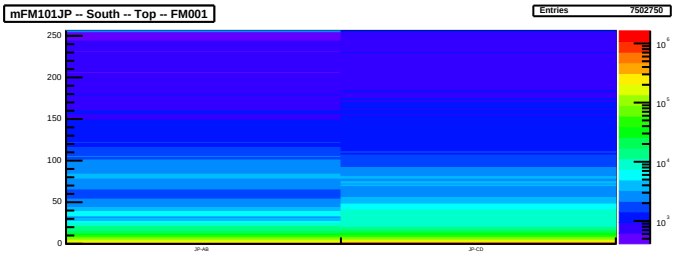

FM012
Entries 3.0011e+07
Sum
chn

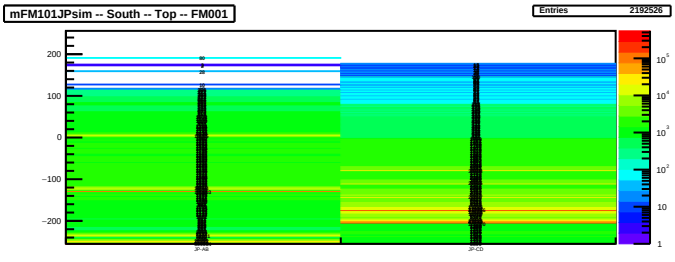

mFM101BS -- South -- Top -- FM001
Entries 1.50055e+07
BS3
BS2
BS1-BCD
BS1-A

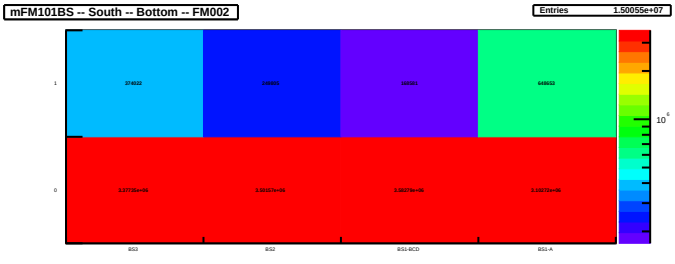

mFM101BSsim -- South -- Top -- FM001
Entries 3029109
BS3
BS2
BS1-BCD
BS1-A

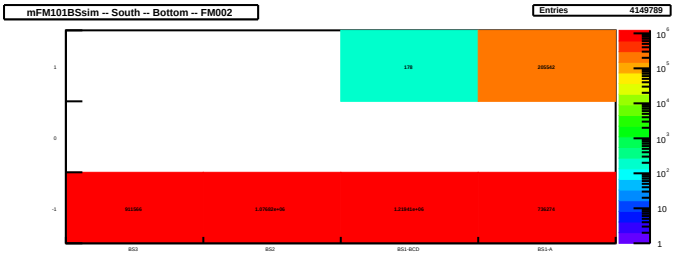

mFM101D -- South -- Top -- FM001
Entries 3751375
D(23)

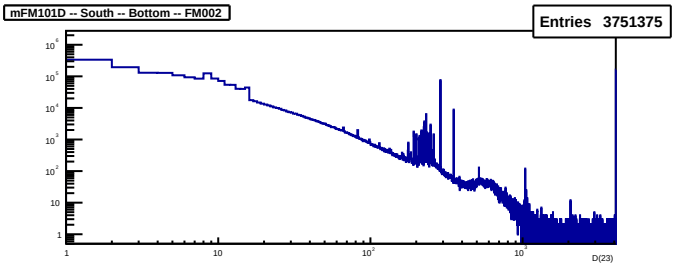

mFM101Dsim -- South -- Top -- FM001
Entries 1162955
D(23)

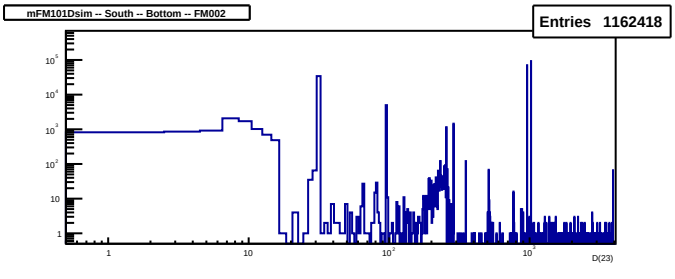

mFM101JP -- South -- Top -- FM001
Entries 7502750
JP-AB
JP-CD

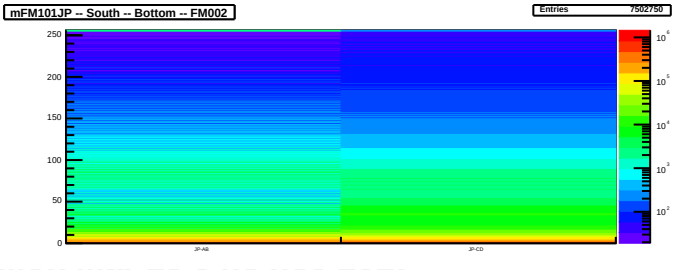

mFM101JPsim -- South -- Top -- FM001
Entries 2192526
JP-AB
JP-CD

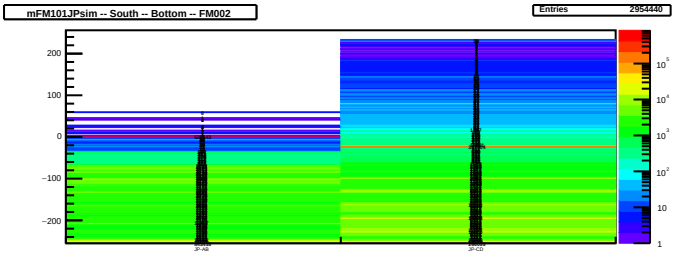

mFM101BS -- South -- Bottom -- FM002
Entries 1.50055e+07
BS3
BS2
BS1-BCD
BS1-A

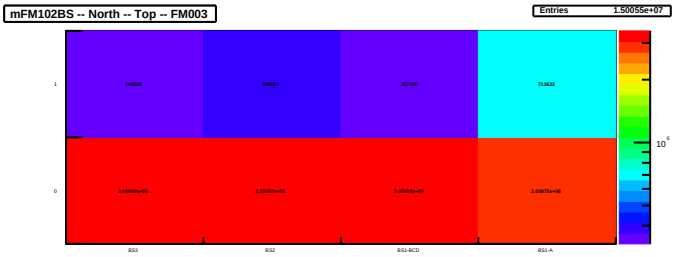

mFM101BSsim -- South -- Bottom -- FM002
Entries 4149789
BS3
BS2
BS1-BCD
BS1-A

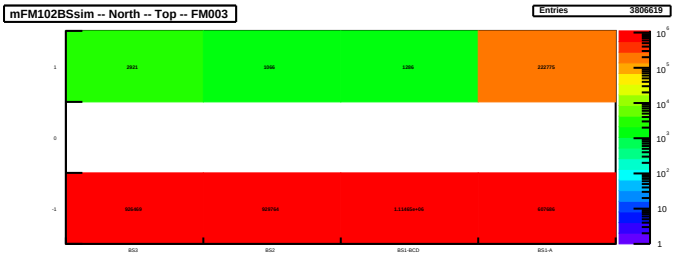

mFM101D -- South -- Bottom -- FM002
Entries 3751375
D(23)

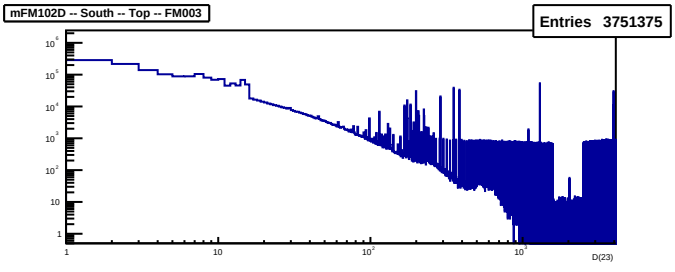

mFM101Dsim -- South -- Bottom -- FM002
Entries 1162418
D(23)

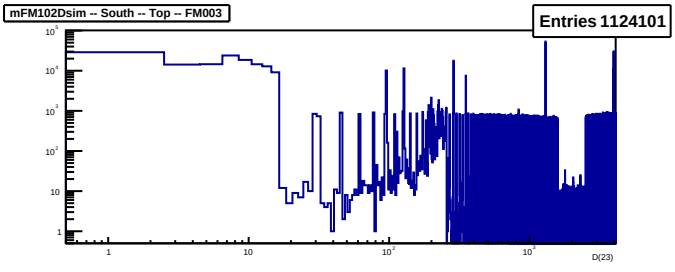

mFM101JP -- South -- Bottom -- FM002
Entries 7502750
JP-AB
JP-CD


mFM101JPsim -- South -- Bottom -- FM002
Entries 2954440
JP-AB
JP-CD


mFM102BS -- North -- Top -- FM003
Entries 1.50055e+07


mFM102BSsim -- North -- Top -- FM003
Entries 3806619


mFM102D -- South -- Top -- FM003
Entries 3751375
D(23)


mFM102Dsim -- South -- Top -- FM003
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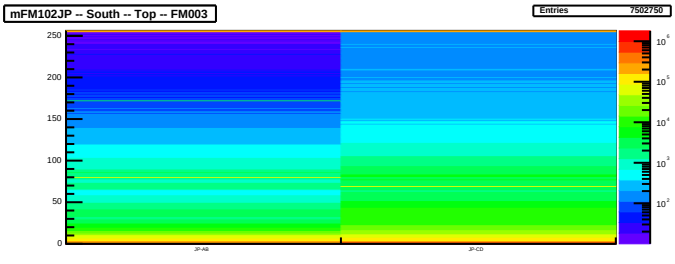
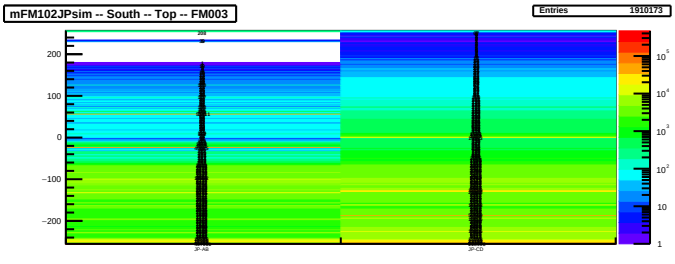
D(23)


mFM102JP -- South -- Top -- FM003
Entries 7502750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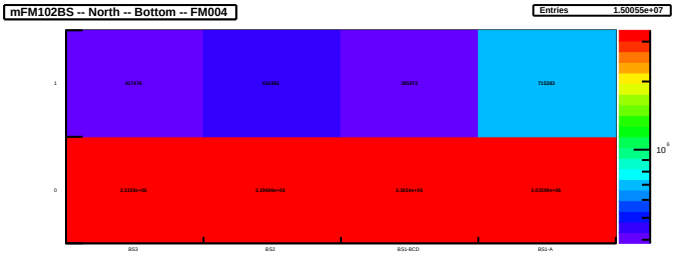
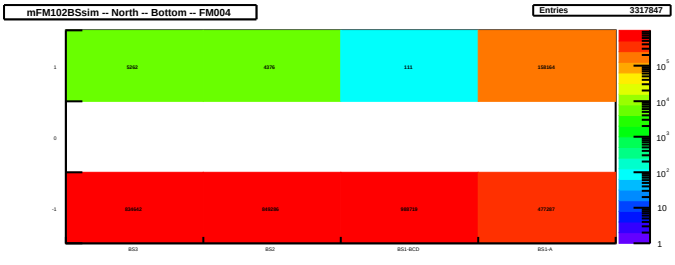

mFM102BS -- North -- Bottom -- FM004
Entries 1.50055e+07


mFM102BSsim -- North -- Bottom -- FM004
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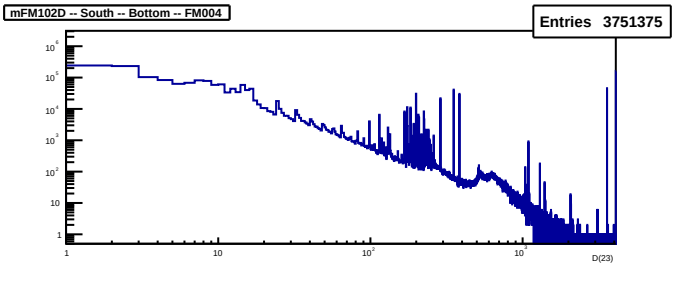
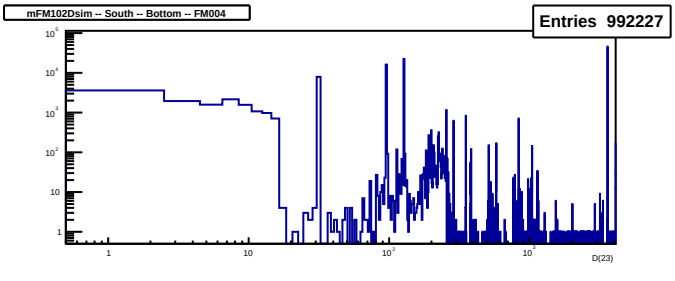
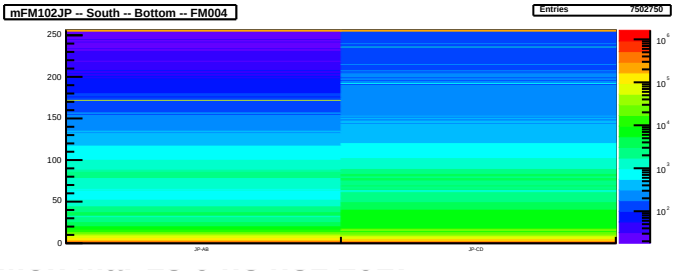
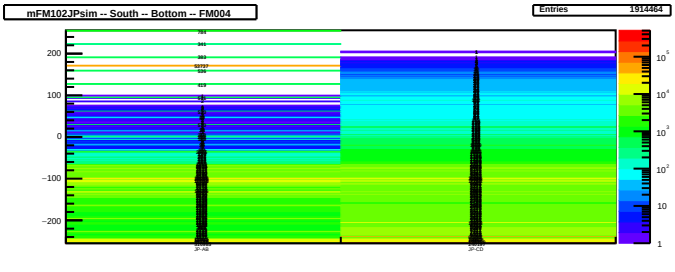

mFM102D -- South -- Bottom -- FM004
Entries 3751375
D(23)


mFM102Dsim -- South -- Bottom -- FM004
Entries 992227
D(23)


mFM102JP -- South -- Bottom -- FM004
Entries 7502750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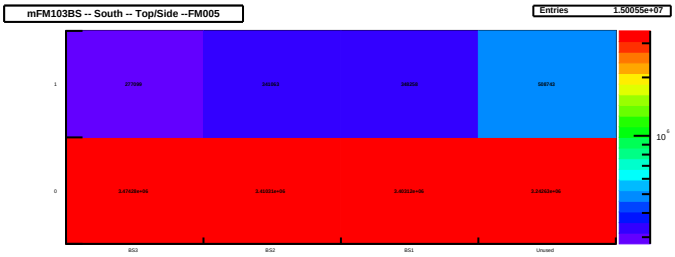
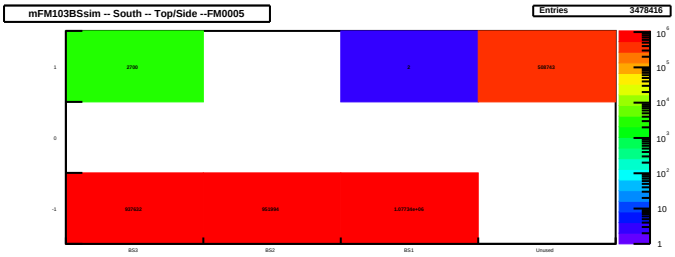

mFM103BS -- South -- Top/Side --FM005
Entries 1.50055e+07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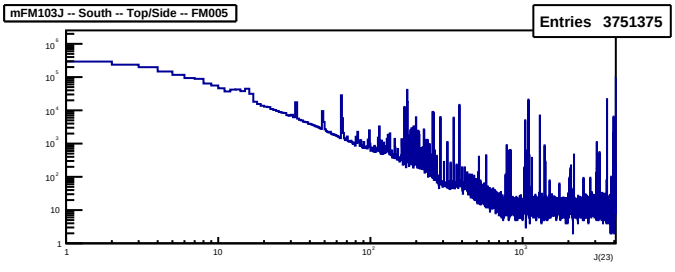
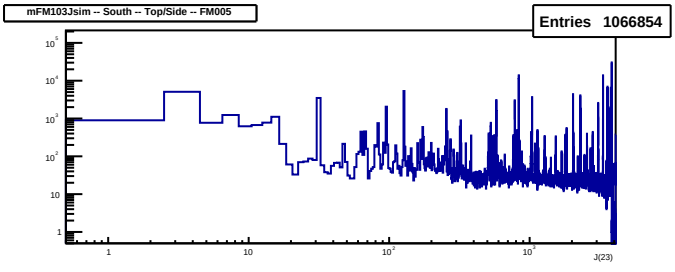

mFM103J -- South -- Top/Side -- FM005
Entries 3751375
J(23)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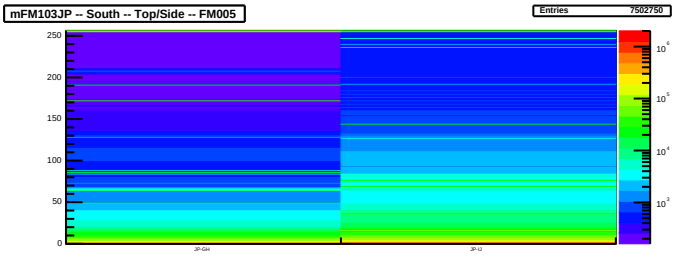
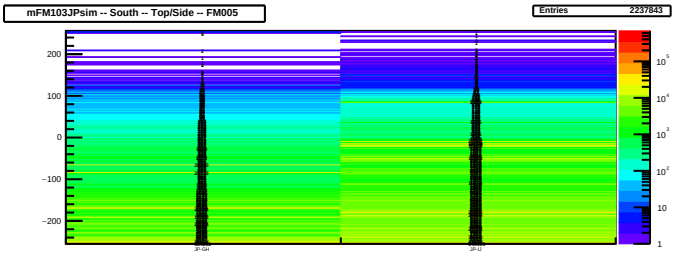
Entries 1066854
J(23)


mFM103JP -- South -- Top/Side -- FM005
Entries 7502750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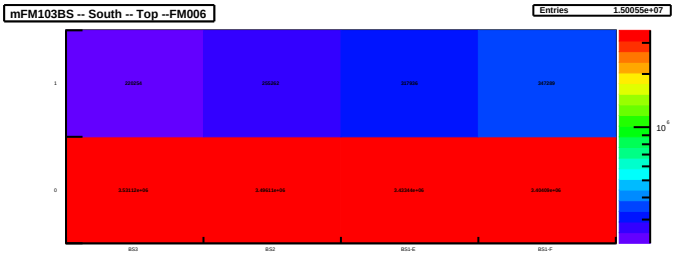
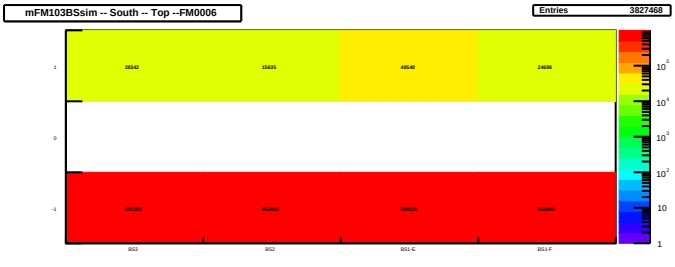

mFM103BS -- South -- Top --FM006
Entries 1.50055e+07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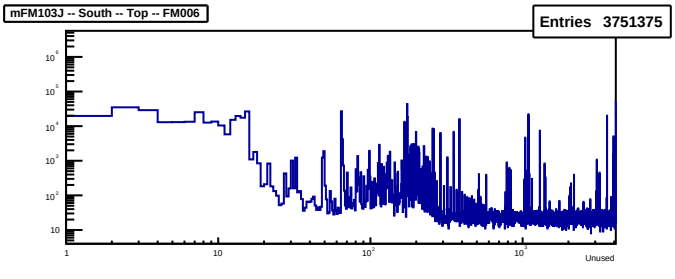
mFM103J -- South -- Top -- FM006
Entries 3751375
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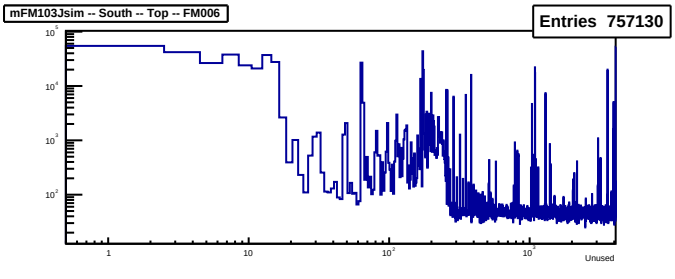
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Entries 757130
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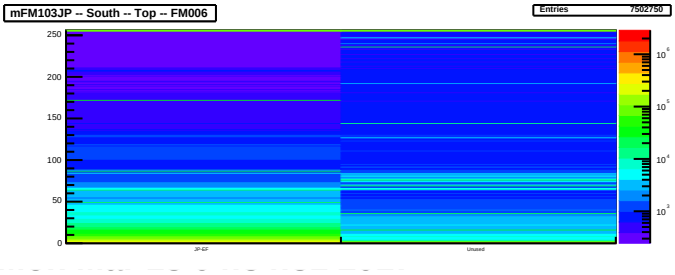
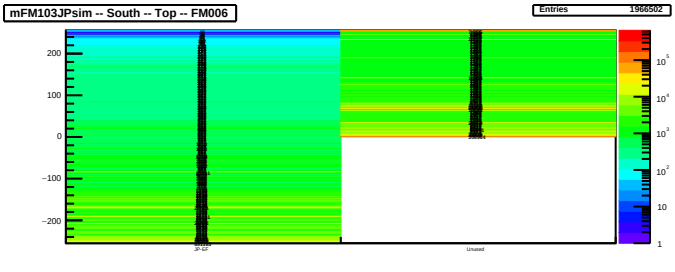

mFM103JP -- South -- Top -- FM006
Entries 7502750


mFM103JPsim -- South -- Top -- FM006
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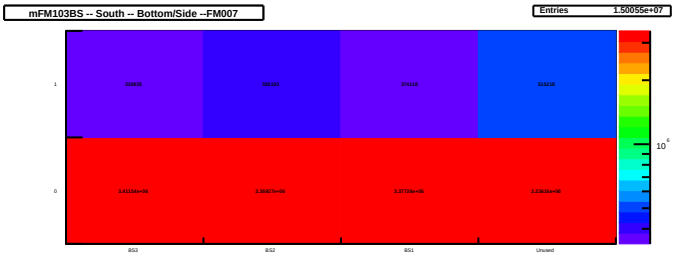
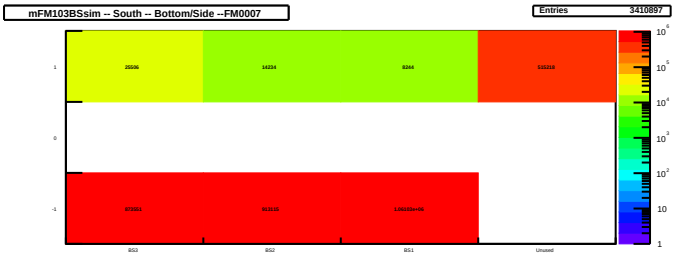
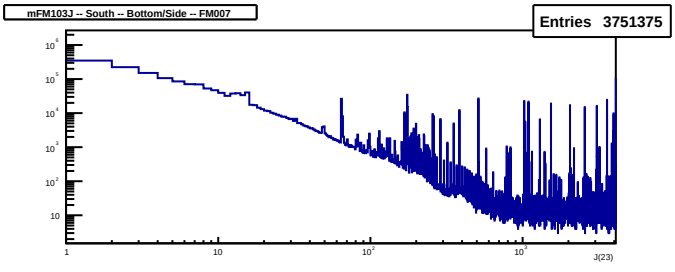
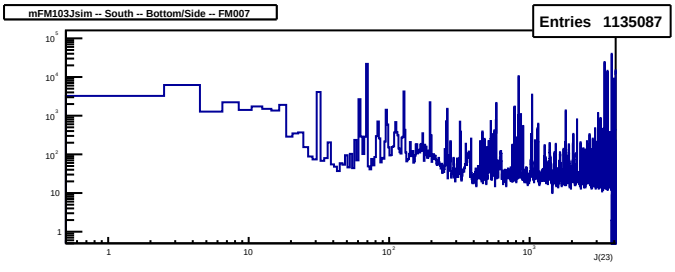

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.50055e+07


mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3410897


mFM103J -- South -- Bottom/Side -- FM007
Entries 3751375
J(23)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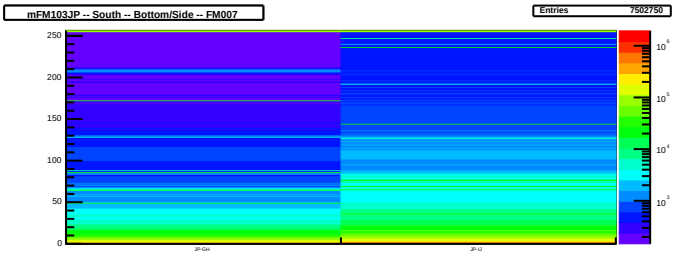
Entries 1135087
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
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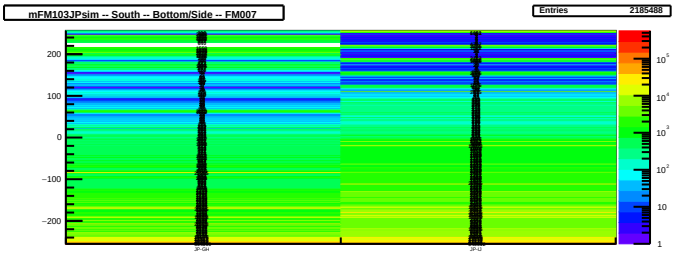
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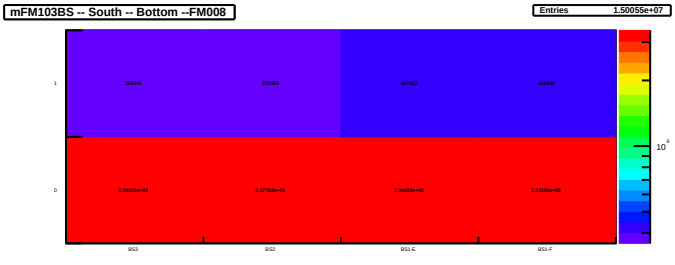
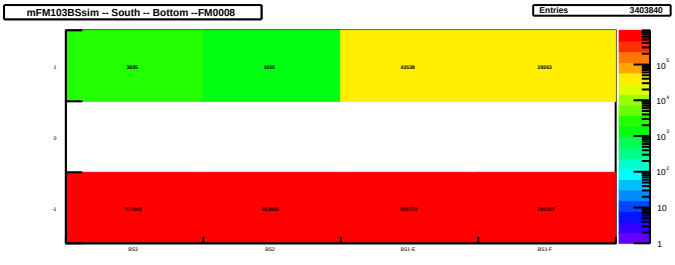
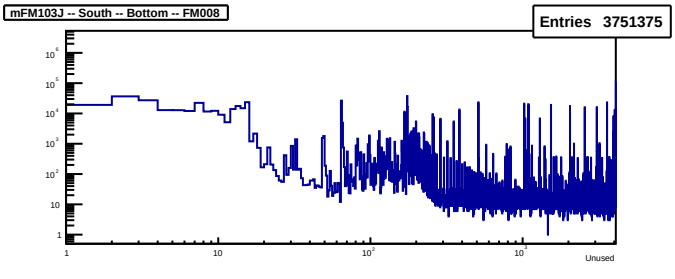
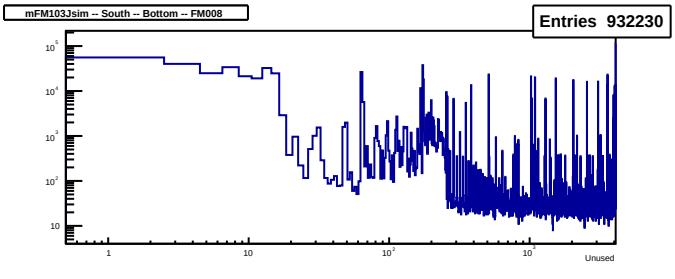
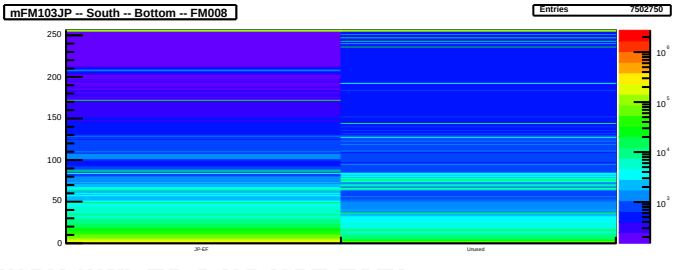
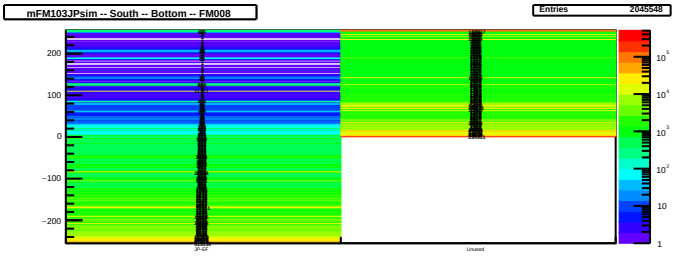

mFM103BS -- South -- Bottom --FM008
Entries 1.50055e+07

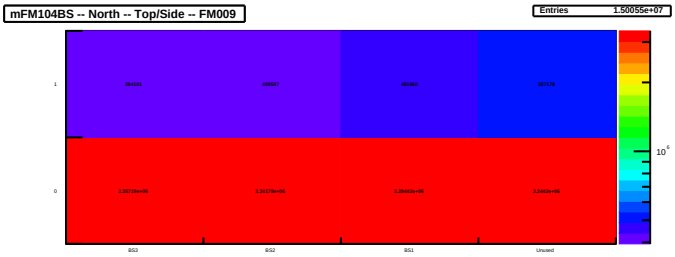

mFM103BSsim -- South -- Bottom --FM0008
Entries 3403840

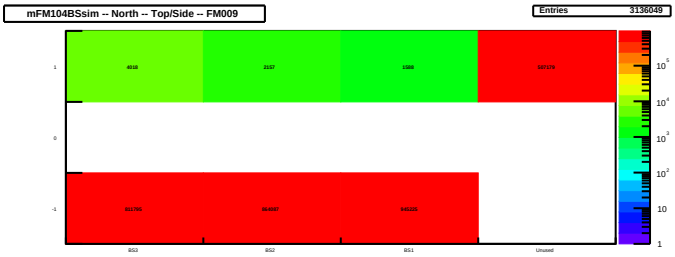

mFM103J -- South -- Bottom -- FM008
Entries 3751375
Unused

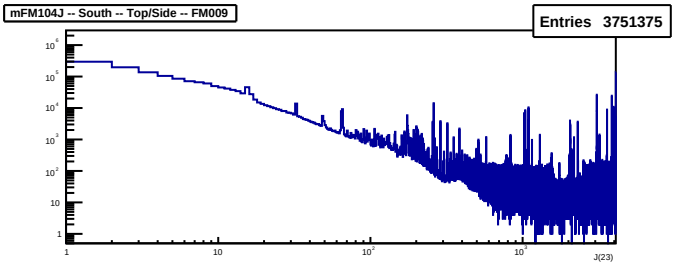

mFM103Jsim -- South -- Bottom -- FM008
Entries 932230
Unused

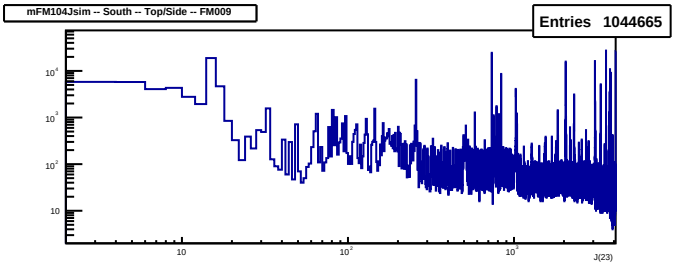

mFM103JP -- South -- Bottom -- FM008
Entries 7502750

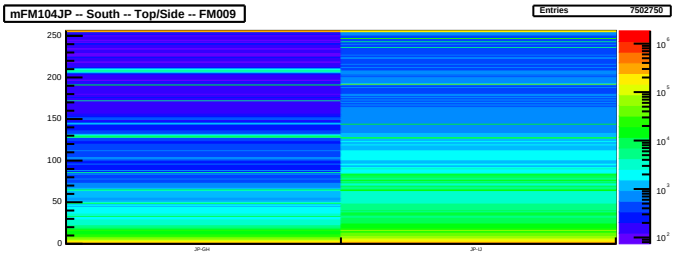

mFM103JPsim -- South -- Bottom -- FM008
Entries 2045548

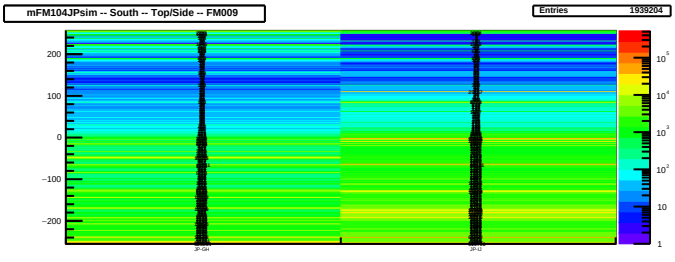

mFM104BS -- North -- Top/Side -- FM009
Entries 1.50055e+07

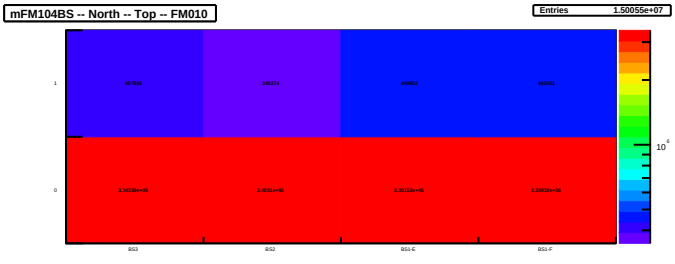

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3136049

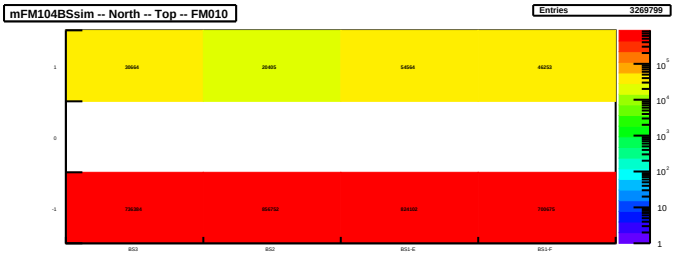

mFM104J -- South -- Top/Side -- FM009
Entries 3751375
J(23)

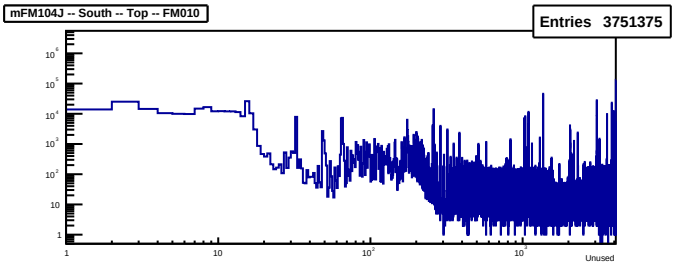

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1044665
J(23)

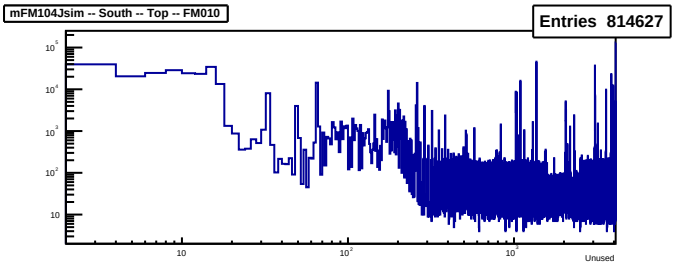

mFM104JP -- South -- Top/Side -- FM009
Entries 7502750

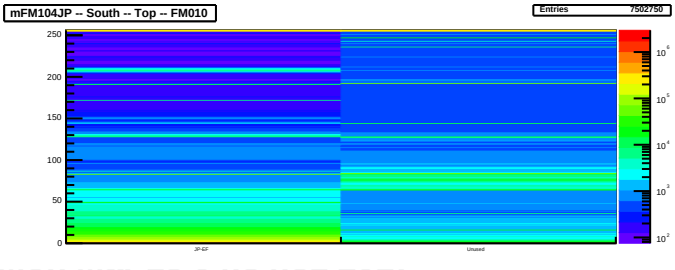

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1939204

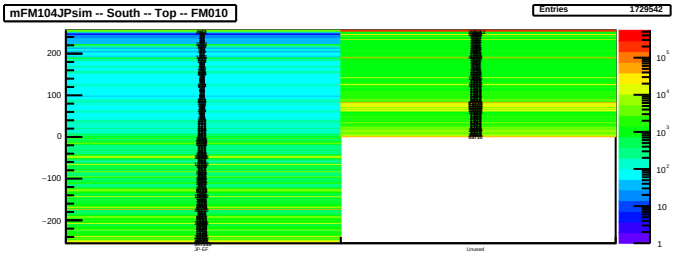

mFM104BS -- North -- Top -- FM010
Entries 1.50055e+07

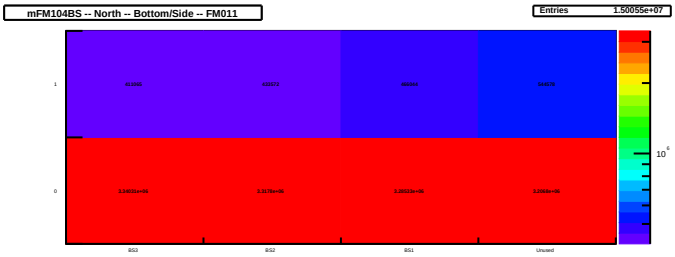

mFM104BSsim -- North -- Top -- FM010
Entries 3269799

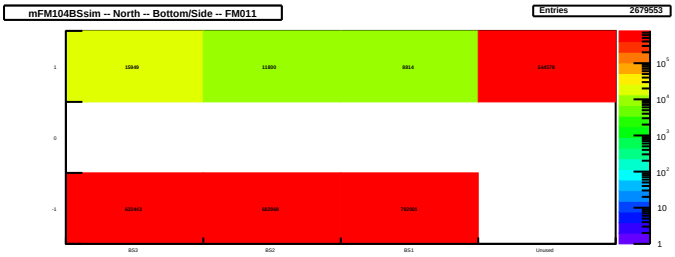

mFM104J -- South -- Top -- FM010
Entries 3751375
Unused

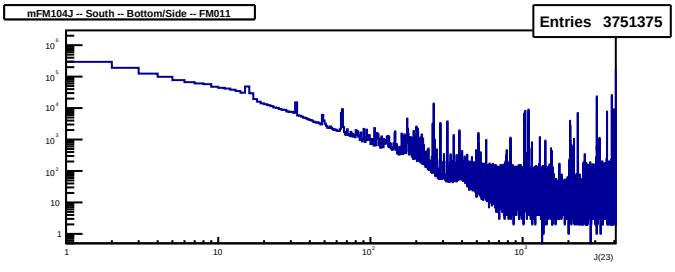

mFM104Jsim -- South -- Top -- FM010
Entries 814627
Unused

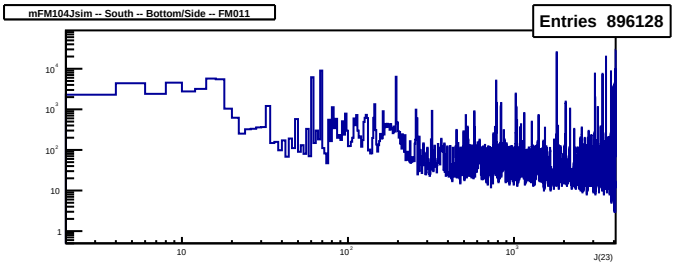

mFM104JP -- South -- Top -- FM010
Entries 7502750

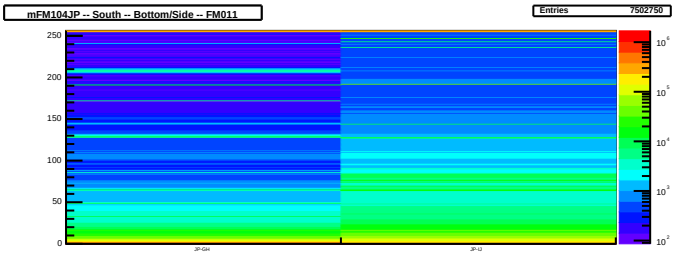

mFM104JPsim -- South -- Top -- FM010
Entries 1729542

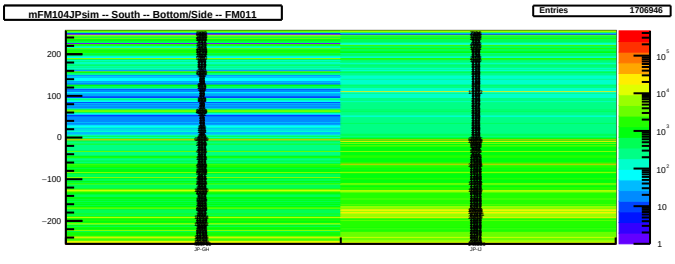

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.50055e+07

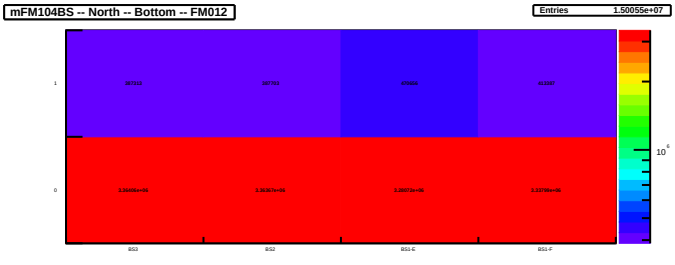

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2679553

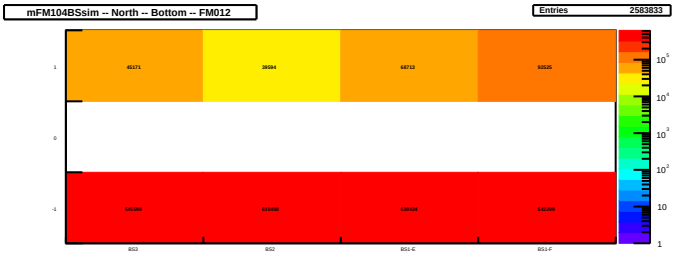

mFM104J -- South -- Bottom/Side -- FM011
Entries 3751375
J(23)

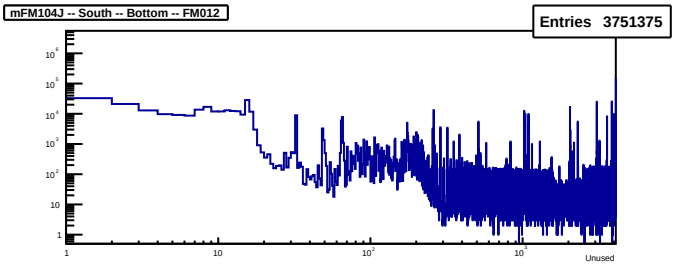

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 896128
J(23)

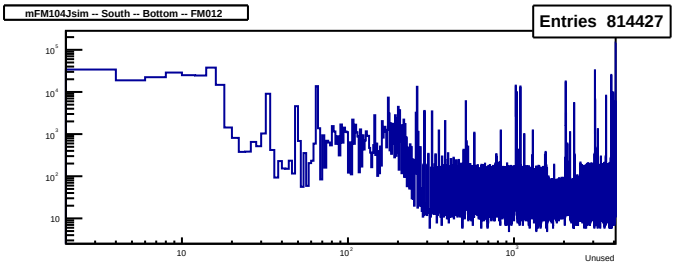

mFM104JP -- South -- Bottom/Side -- FM011
Entries 7502750

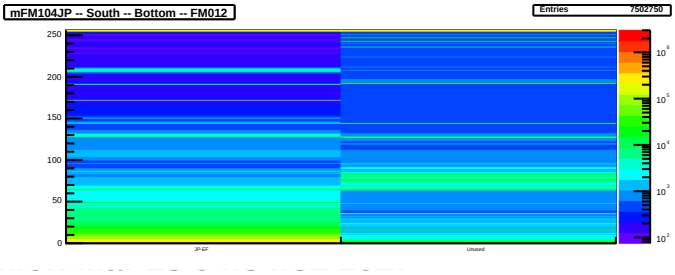

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1706946

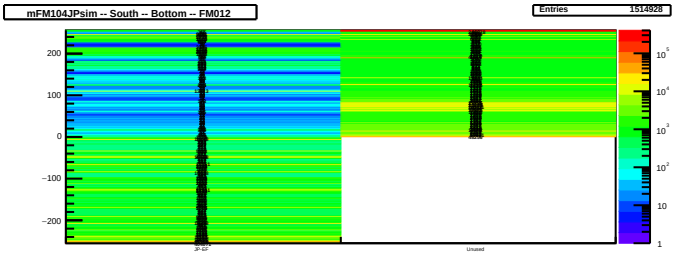

mFM104BS -- North -- Bottom -- FM012
Entries 1.50055e+07

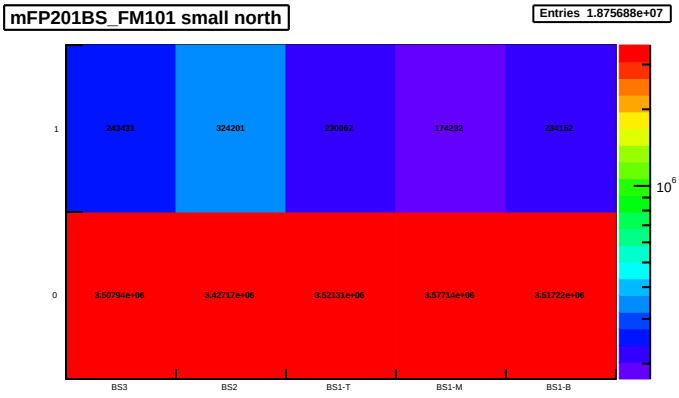

mFM104BSsim -- North -- Bottom -- FM012
Entries 2583833

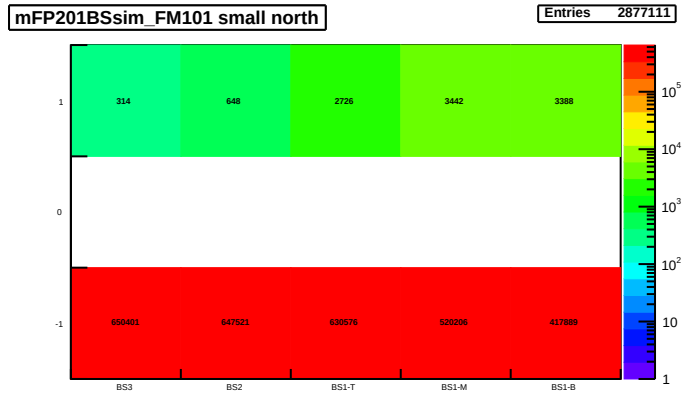

mFM104J -- South -- Bottom -- FM012
Entries 3751375
Unused

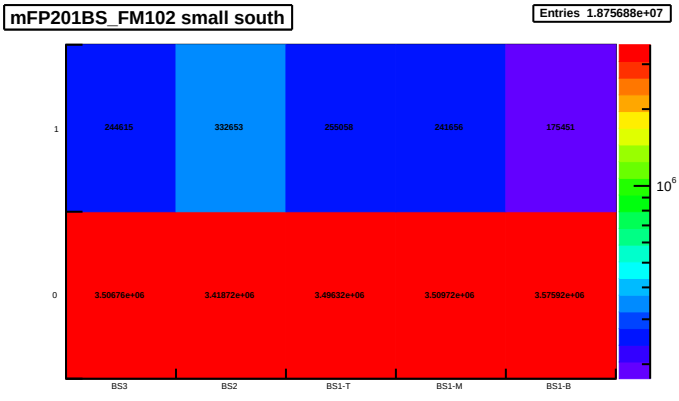

mFM104Jsim -- South -- Bottom -- FM012
Entries 814427
Unused

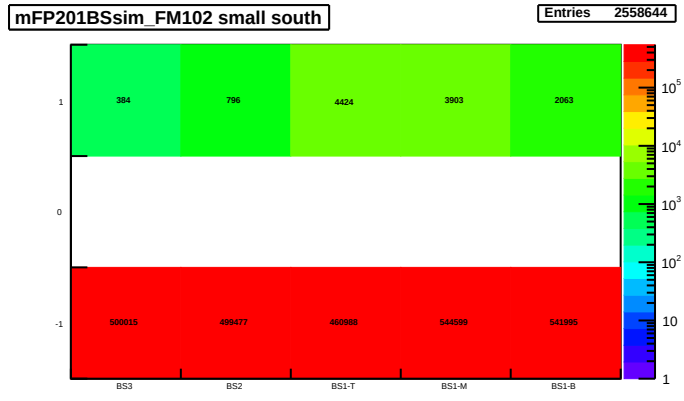

mFM104JP -- South -- Bottom -- FM012
Entries 7502750

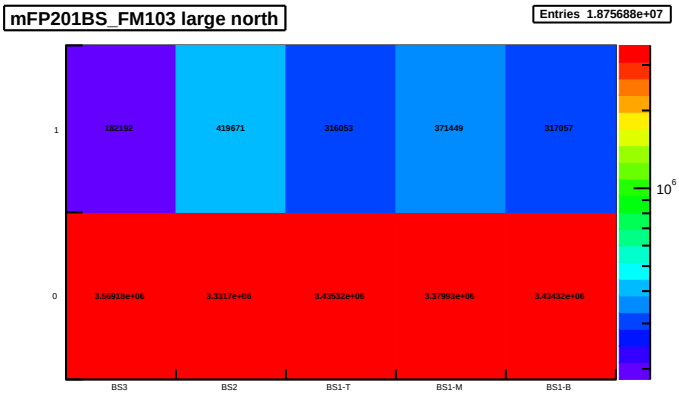

mFM104JPsim -- South -- Bottom -- FM012
Entries 1514928

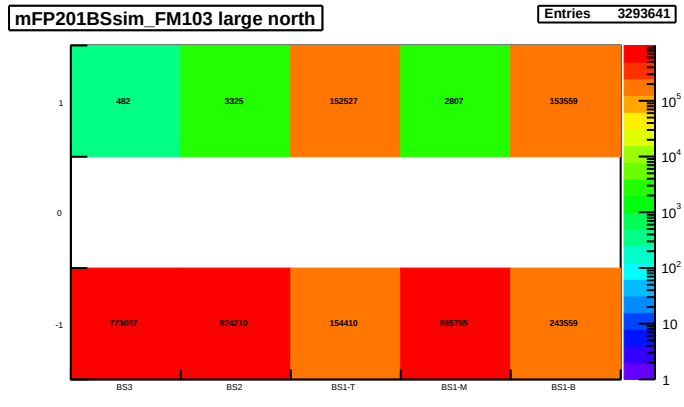

mFP201BS_FM101 small north
Entries 1.875688e+07
243431
324201
230082
174232
234152
3.50794e+06
3.42717e+06
3.52131e+06
3.57714e+06
3.51722e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

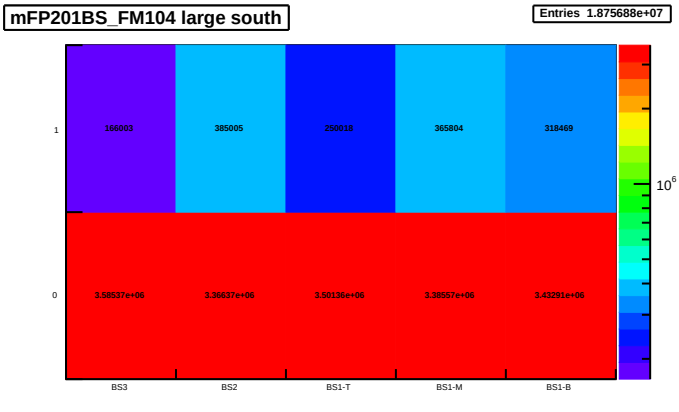

mFP201BSsim_FM101 small north
Entries 2877111
314
648
2726
3442
3388
650401
647521
630576
520206
417889
BS3
BS2
BS1-T
BS1-M
BS1-B

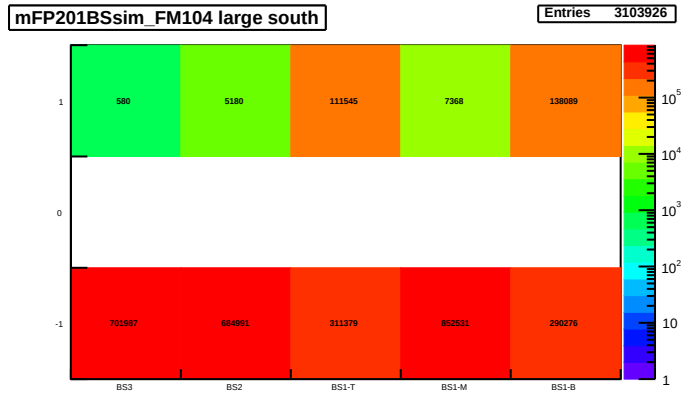

mFP201BS_FM102 small south
Entries 1.875688e+07
244615
332653
255058
241656
175451
3.50676e+06
3.41872e+06
3.49632e+06
3.50972e+06
3.57592e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

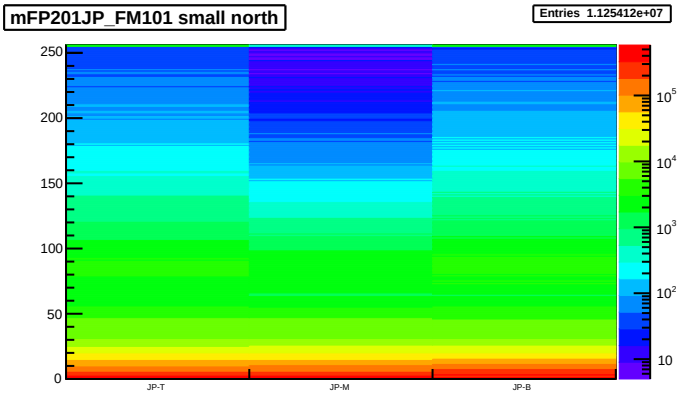

mFP201BSsim_FM102 small south
Entries 2558644
384
796
4424
3903
2063
500015
499477
460988
544599
541995
BS3
BS2
BS1-T
BS1-M
BS1-B

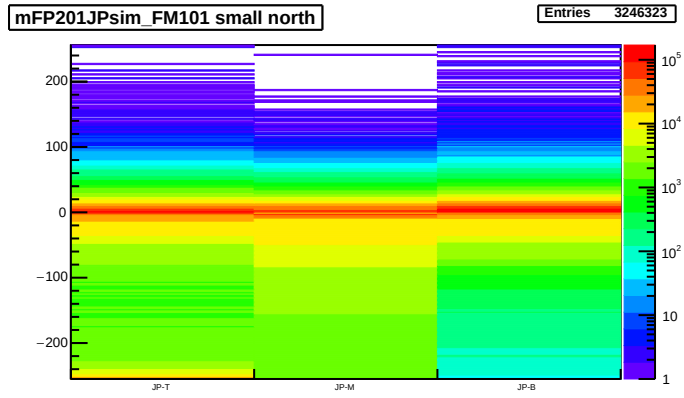

mFP201BS_FM103 large north
Entries 1.875688e+07
182192
419671
316053
371449
317057
3.56918e+06
3.3317e+06
3.43532e+06
3.37993e+06
3.43432e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

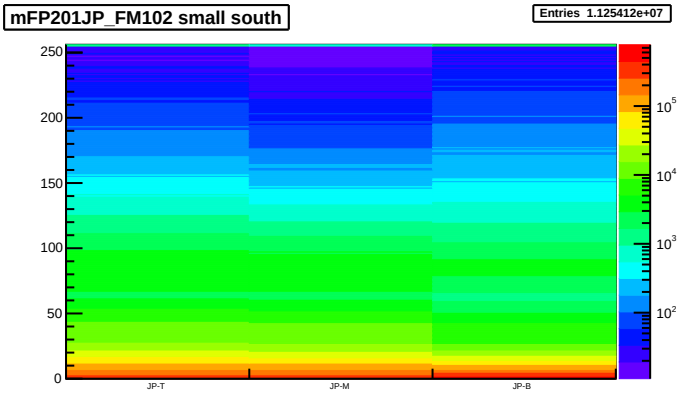

mFP201BSsim_FM103 large north
Entries 3293641
482
3325
152527
2807
153559
773007
824210
154410
985755
243559
BS3
BS2
BS1-T
BS1-M
BS1-B

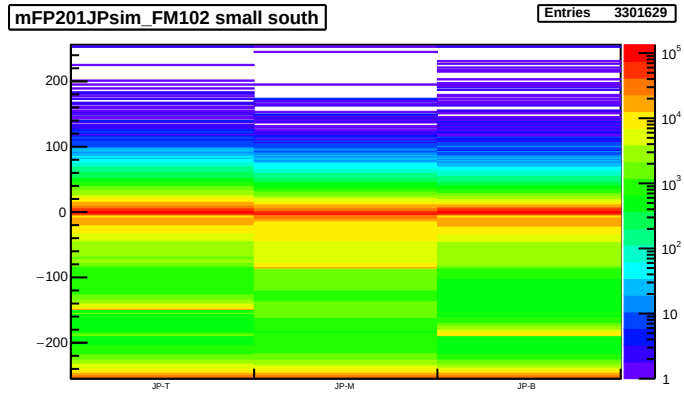

mFP201BS_FM104 large south
Entries 1.875688e+07
166003
385005
250018
365804
318469
3.58537e+06
3.36637e+06
3.50136e+06
3.38557e+06
3.43291e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

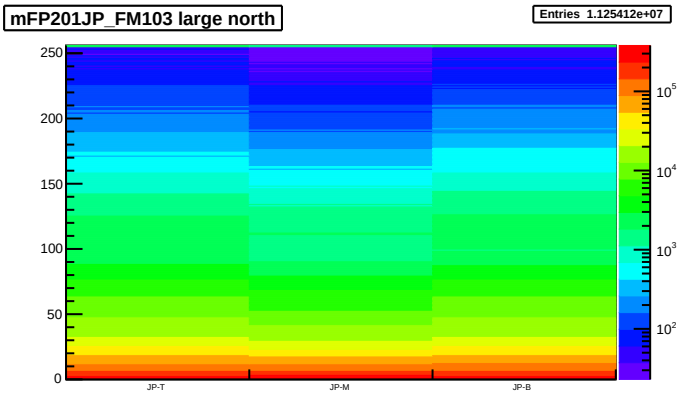

mFP201BSsim_FM104 large south
Entries 3103926
580
5180
111545
7368
138089
701987
684991
311379
852531
290276
BS3
BS2
BS1-T
BS1-M
BS1-B

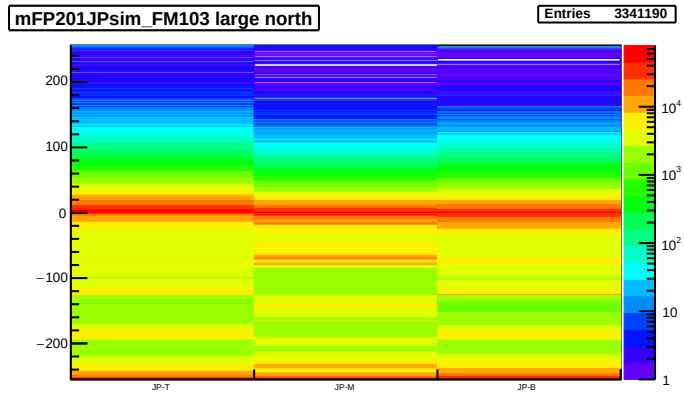

mFP201JP_FM101 small north
Entries 1.125412e+07
JP-T
JP-M
JP-B

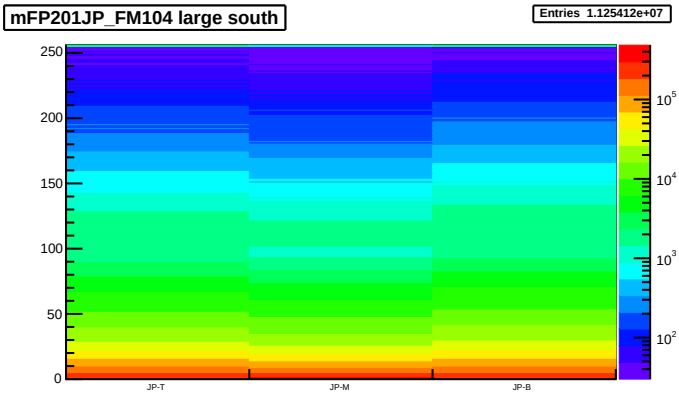

mFP201JPsim_FM101 small north
Entries 3246323
JP-T
JP-M
JP-B

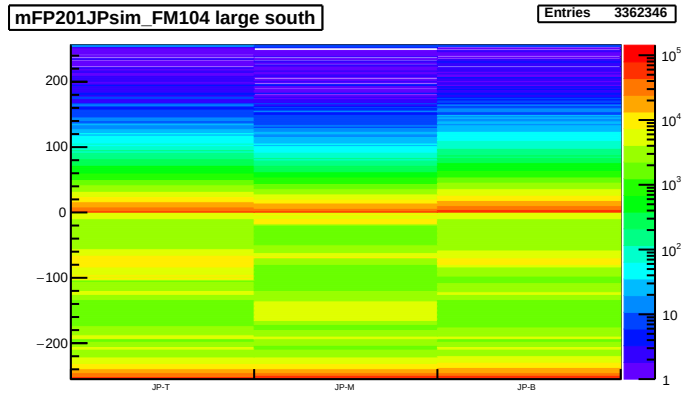

mFP201JP_FM102 small south
Entries 1.125412e+07
JP-T
JP-M
JP-B

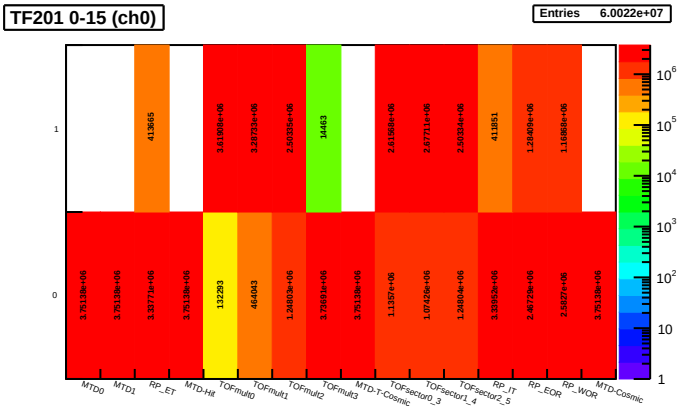

mFP201JPsim_FM102 small south
Entries 3301629
JP-T
JP-M
JP-B

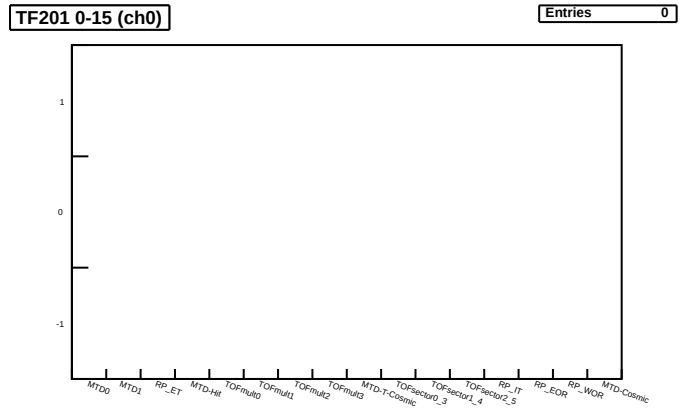

mFP201JP_FM103 large north
Entries 1.125412e+07
JP-T
JP-M
JP-B

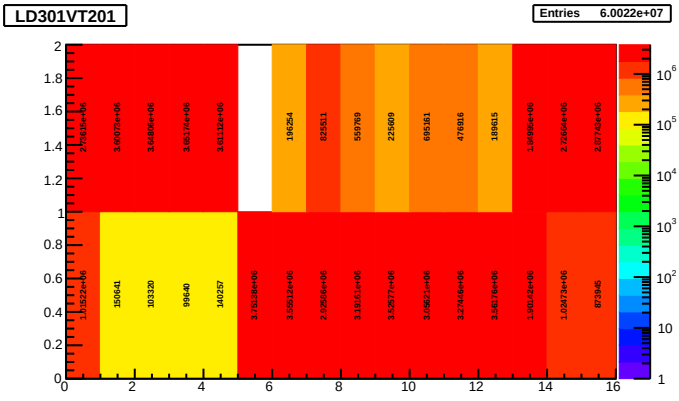

mFP201JPsim_FM103 large north
Entries 3341190
JP-T
JP-M
JP-B

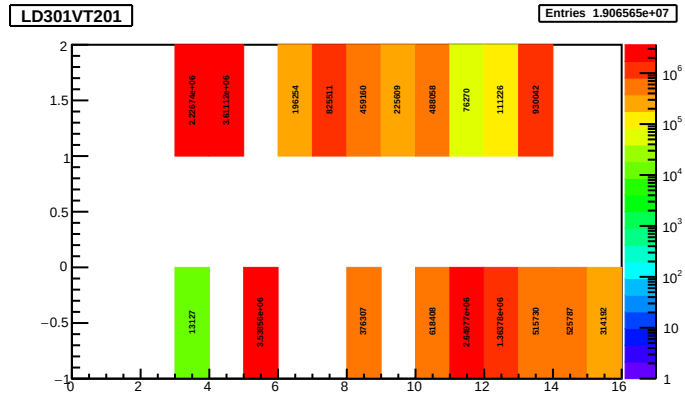

mFP201JP_FM104 large south
Entries 1.125412e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 3362346
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 6.0022e+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 6.0022e+07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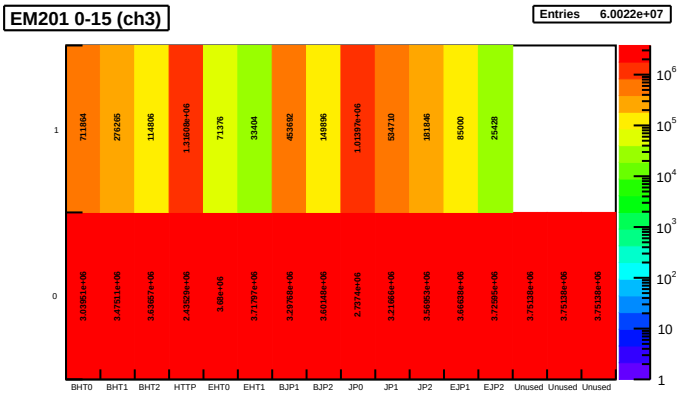
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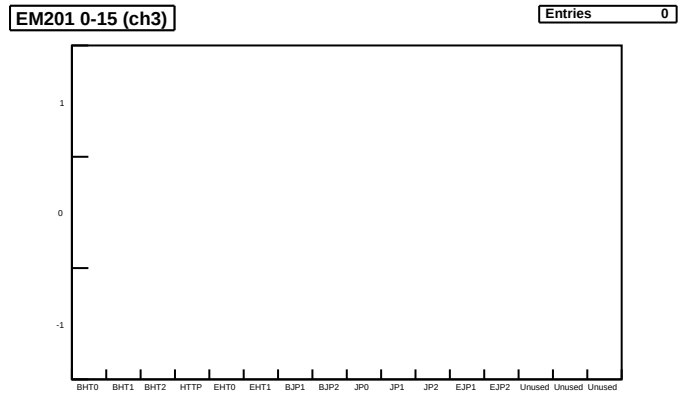
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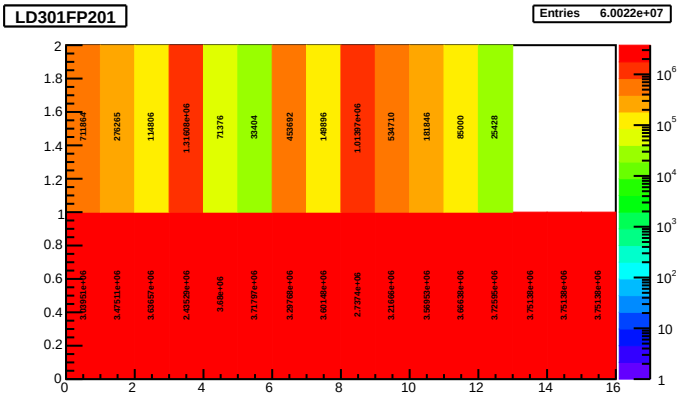
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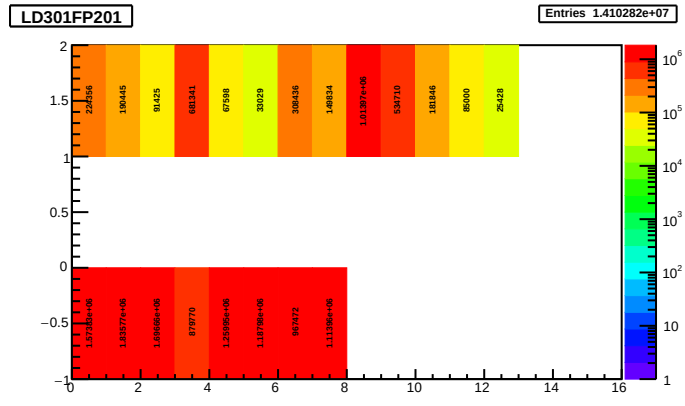
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