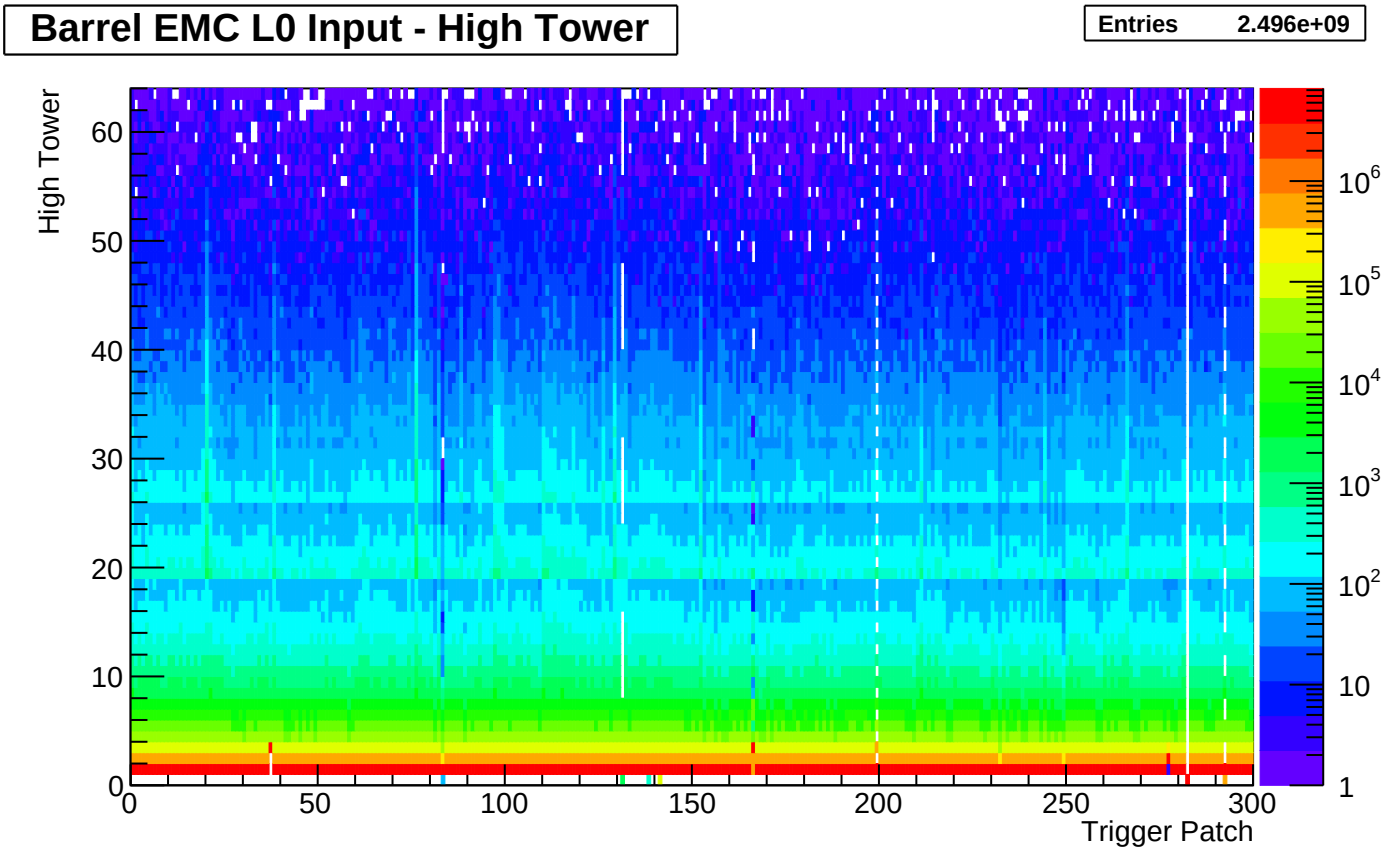
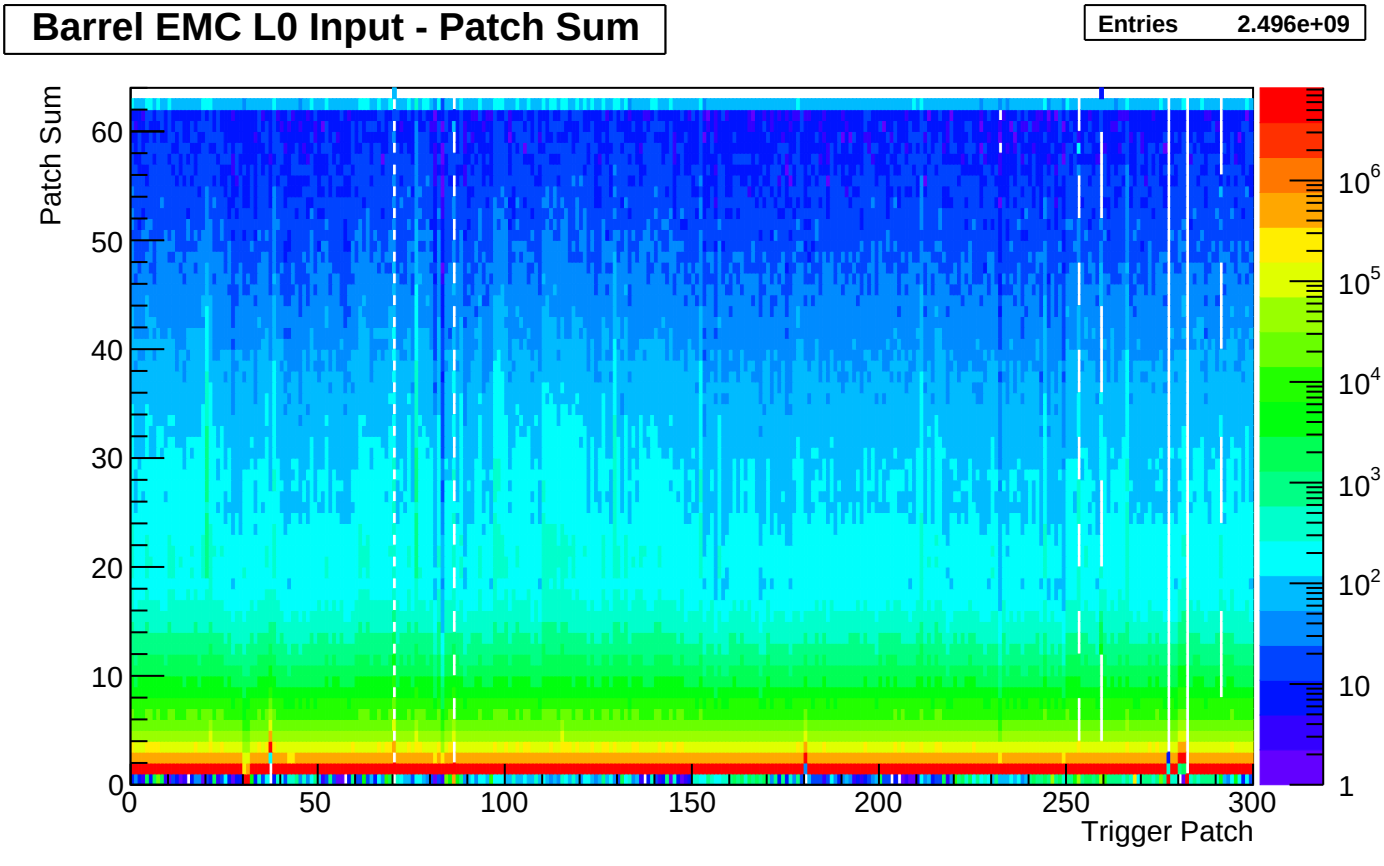
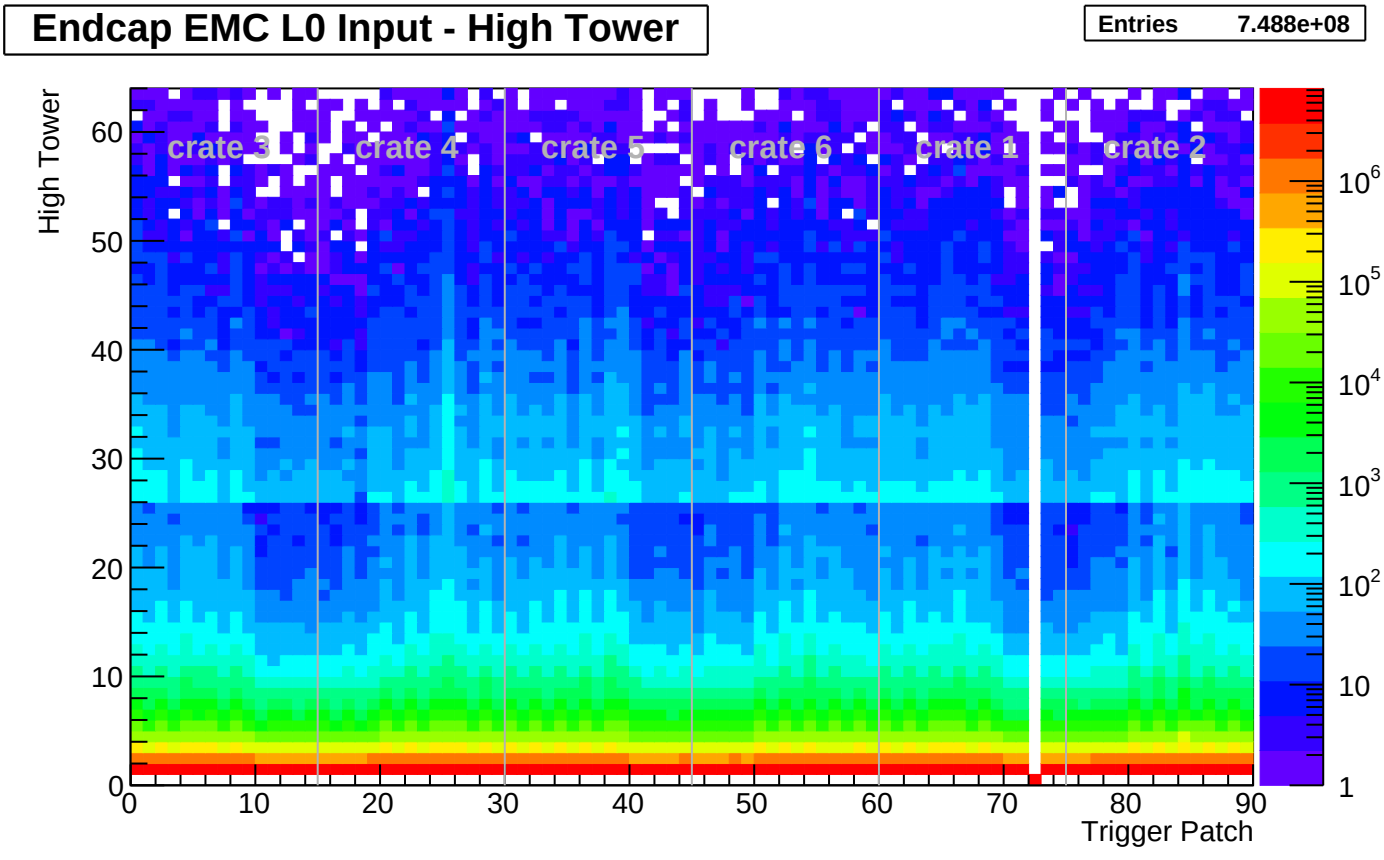
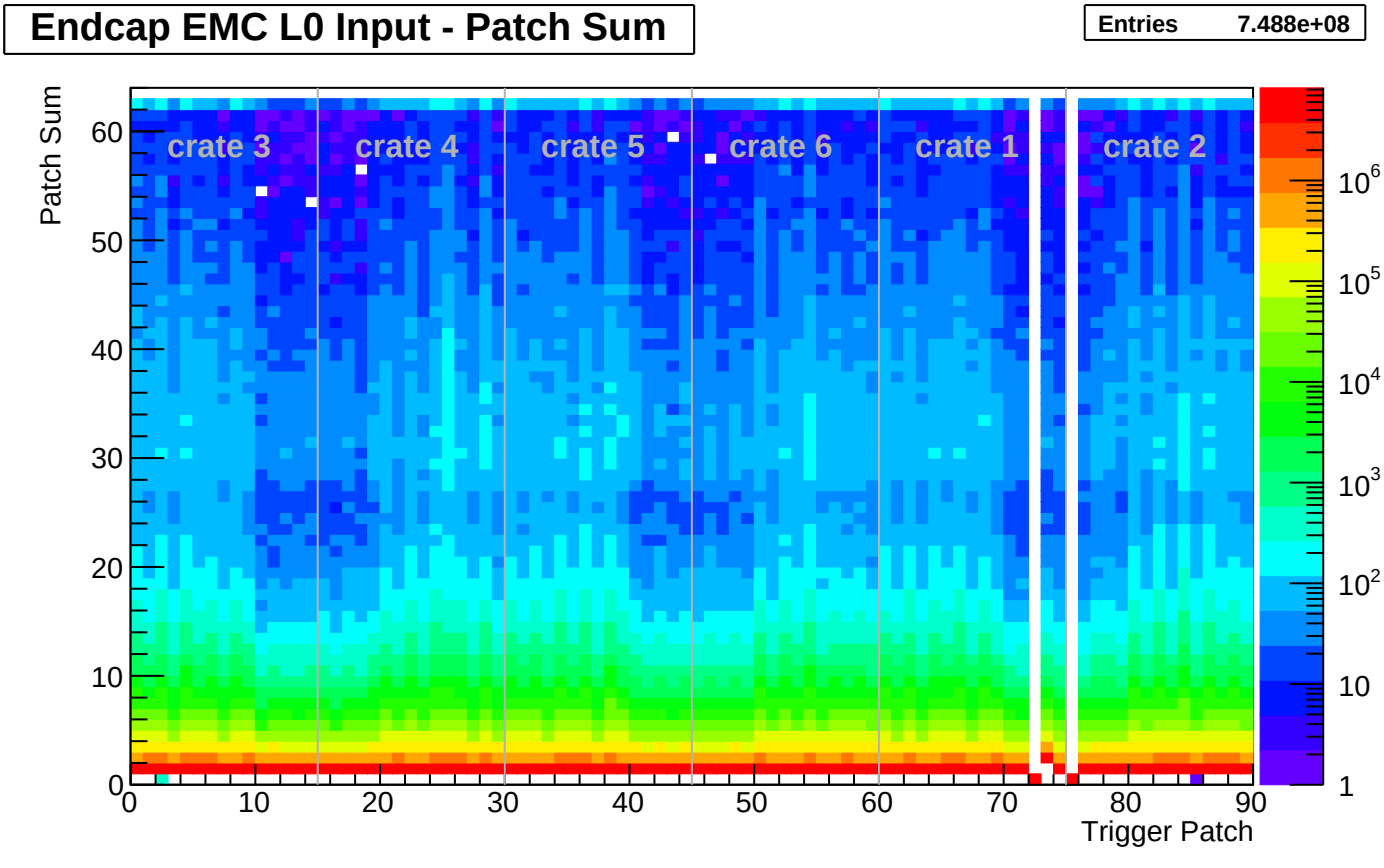
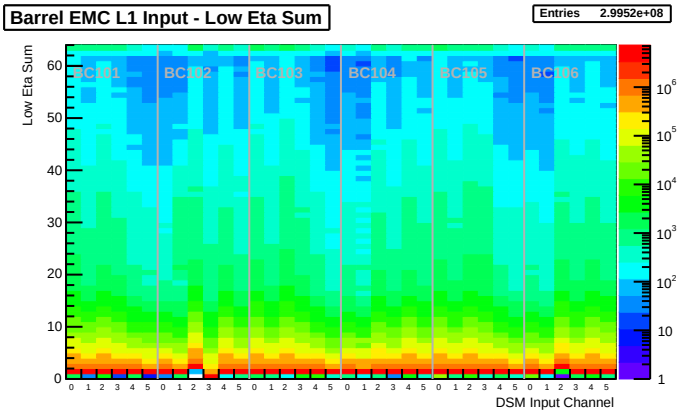
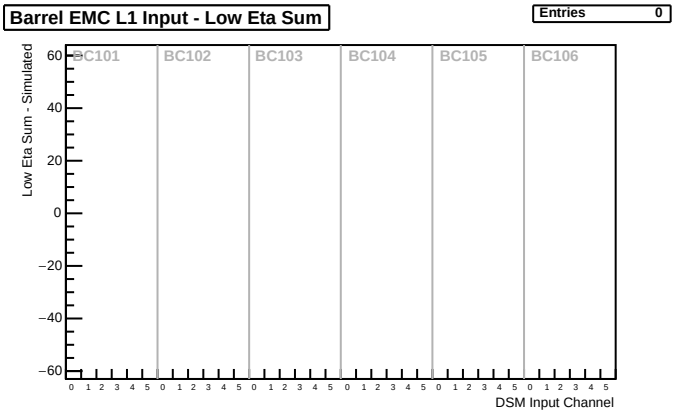

Barrel EMC L0 Input - High Tower
Entries 2.496e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

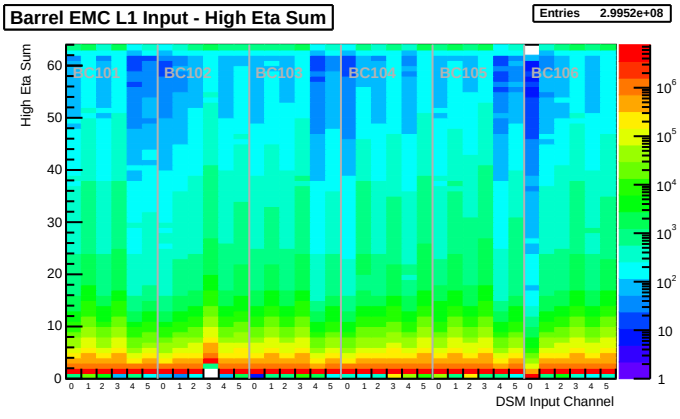

Barrel EMC L0 Input - Patch Sum
Entries 2.496e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

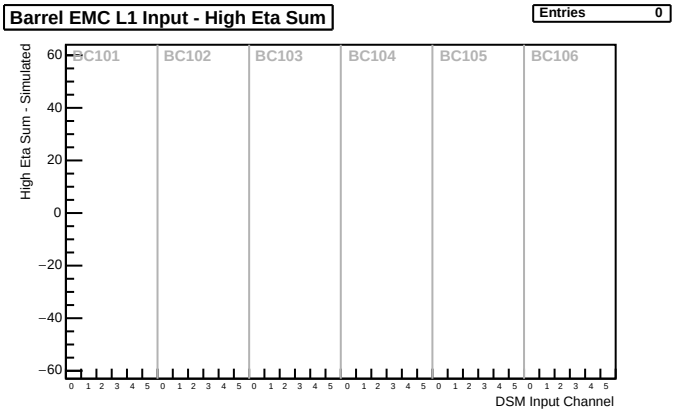

Endcap EMC L0 Input - High Tower
Entries 7.488e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

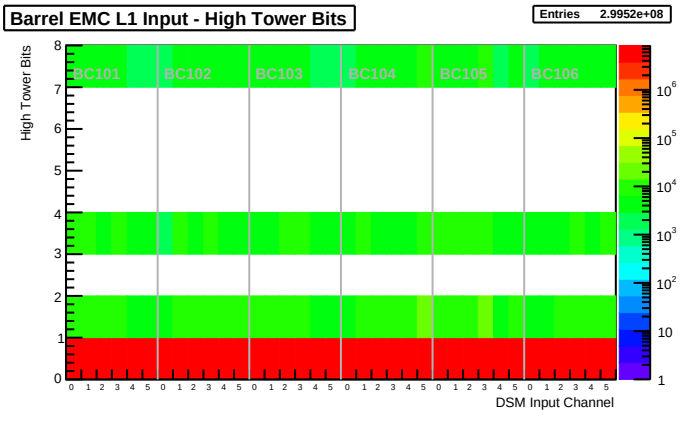

Endcap EMC L0 Input - Patch Sum
Entries 7.488e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

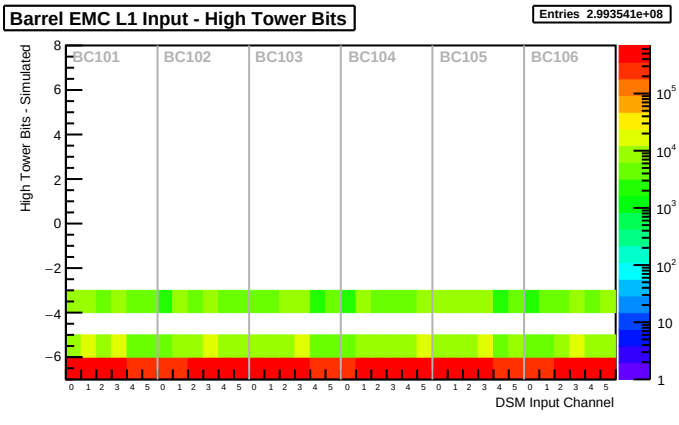

Barrel EMC L1 Input - Low Eta Sum
Entries 2.9952e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

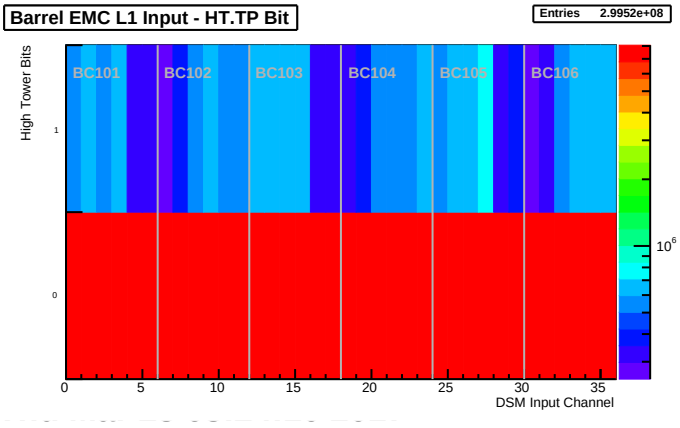

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

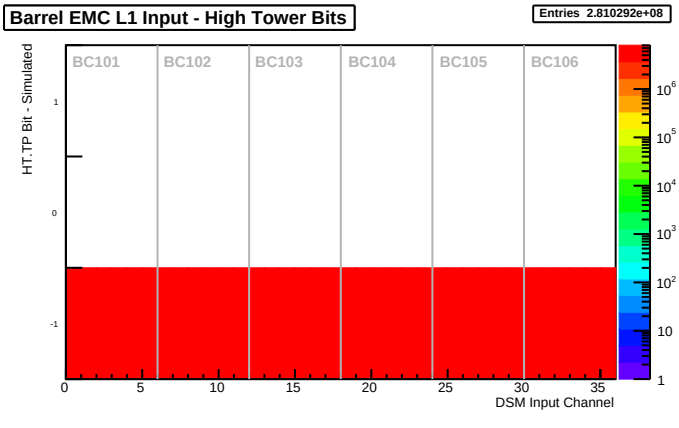

Barrel EMC L1 Input - High Eta Sum
Entries 2.9952e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

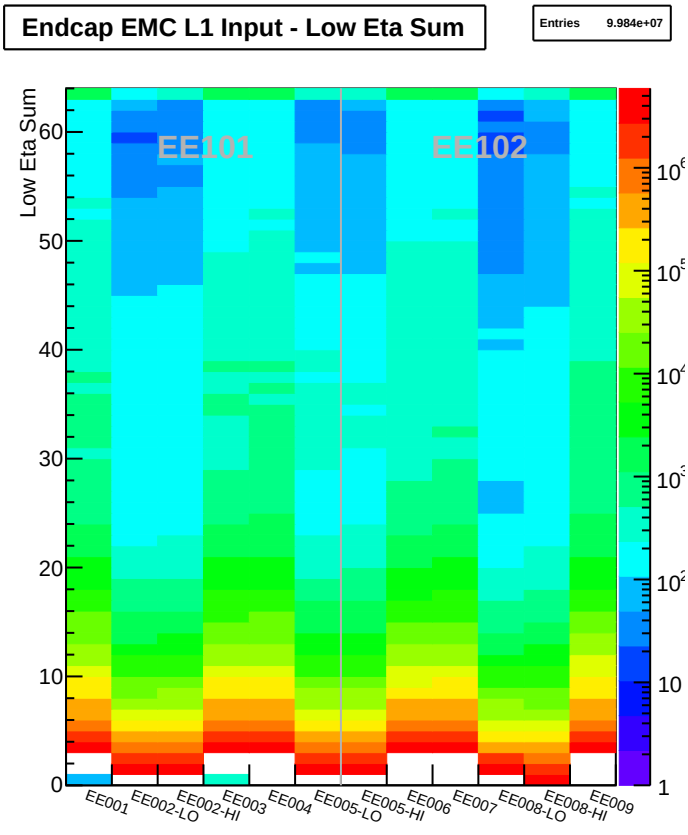

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

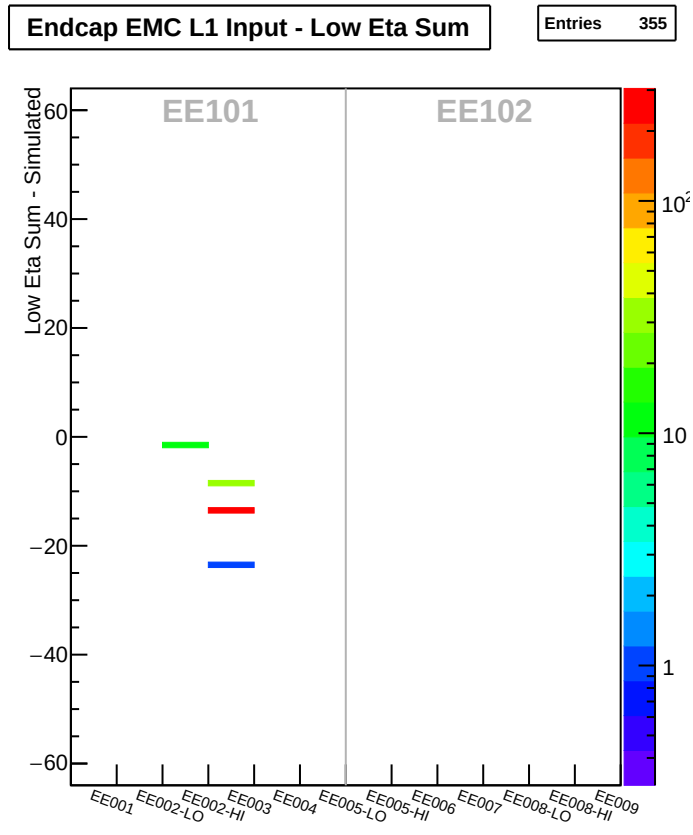

Barrel EMC L1 Input - High Tower Bits
Entries 2.9952e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

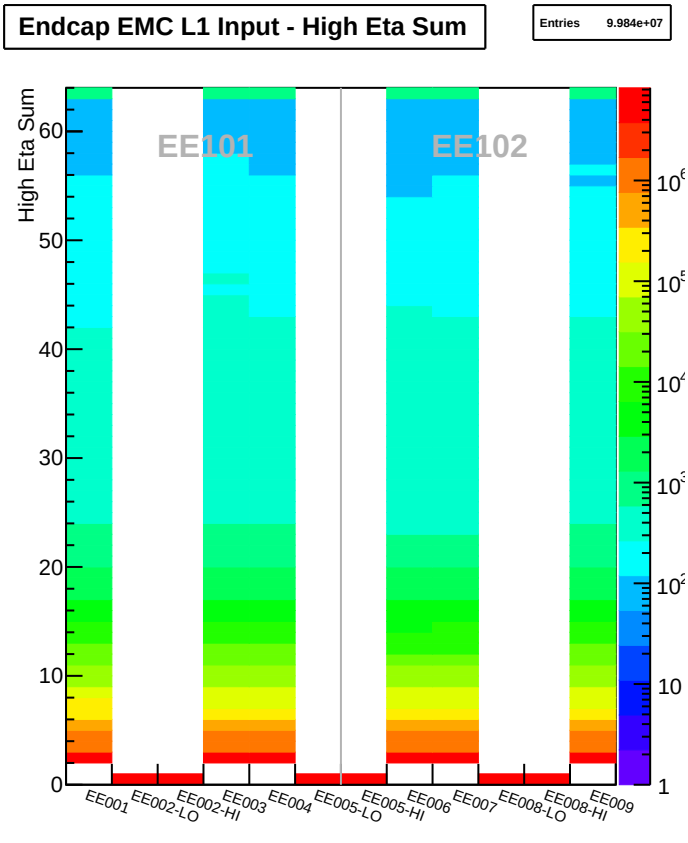

Barrel EMC L1 Input - High Tower Bits
Entries 2.993541e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

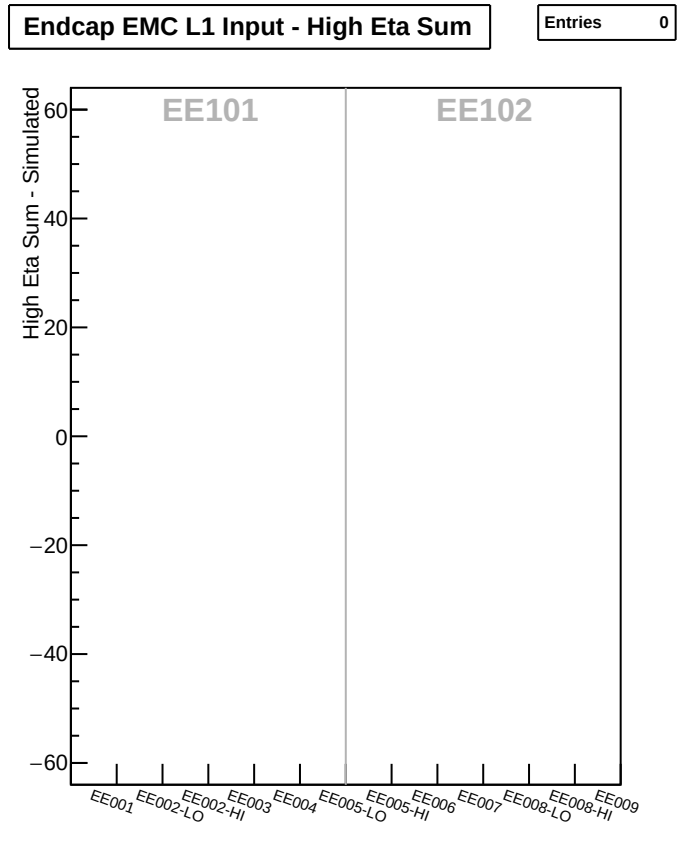

Barrel EMC L1 Input - HT.TP Bit
Entries 2.9952e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

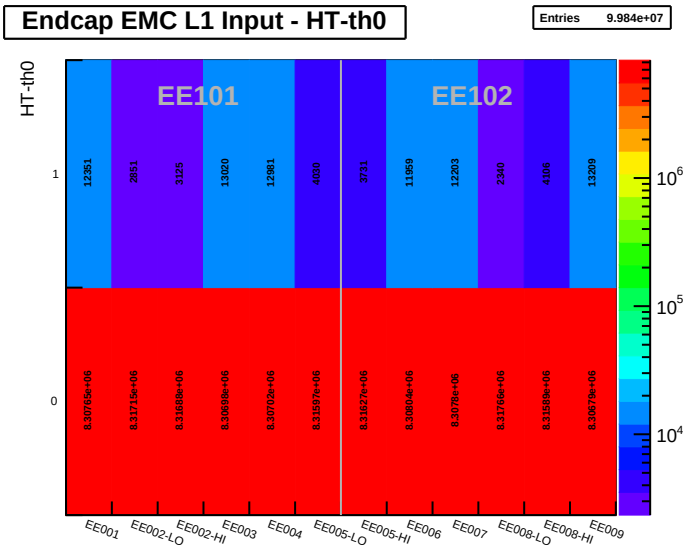

Barrel EMC L1 Input - High Tower Bits
Entries 2.810292e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

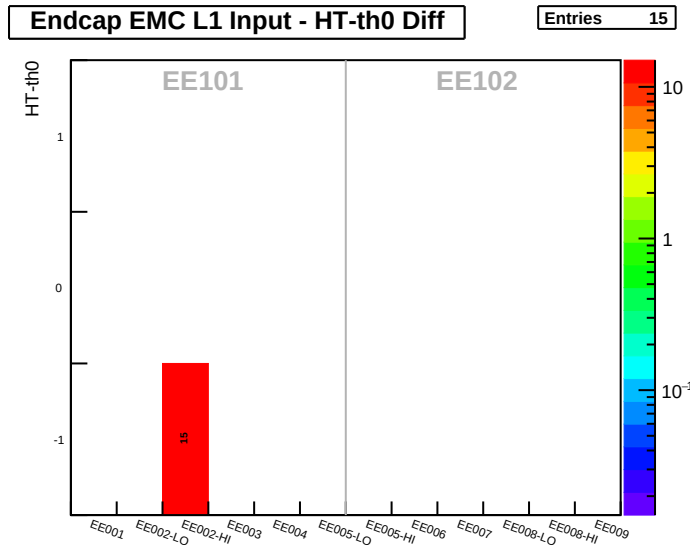

Endcap EMC L1 Input - Low Eta Sum
Entries 9.984e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

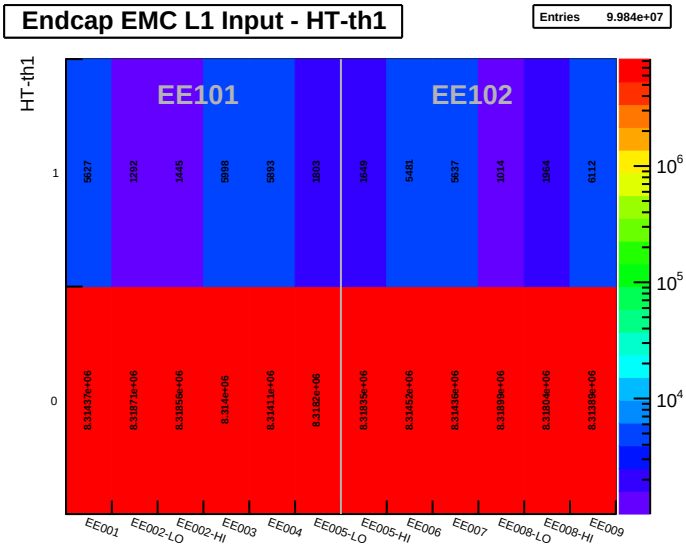

Endcap EMC L1 Input - Low Eta Sum
Entries 355
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

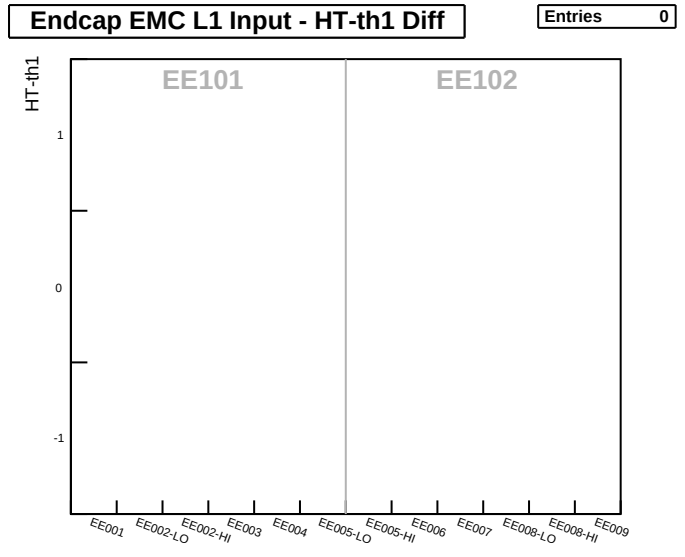

Endcap EMC L1 Input - High Eta Sum
Entries 9.984e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

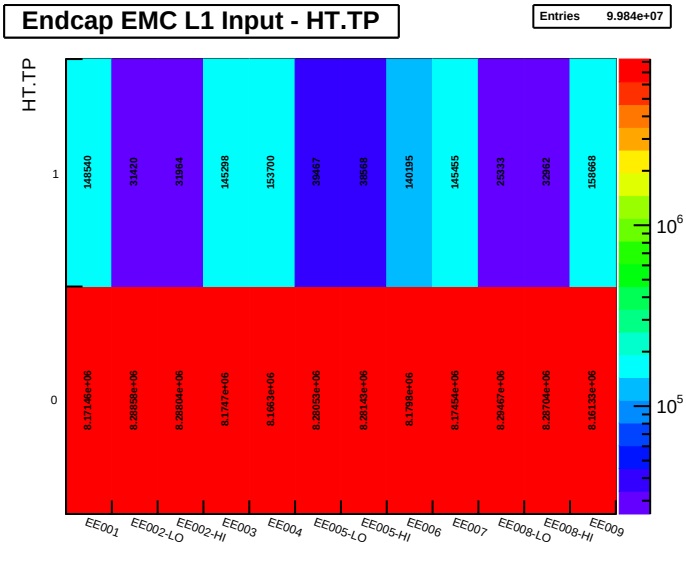

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

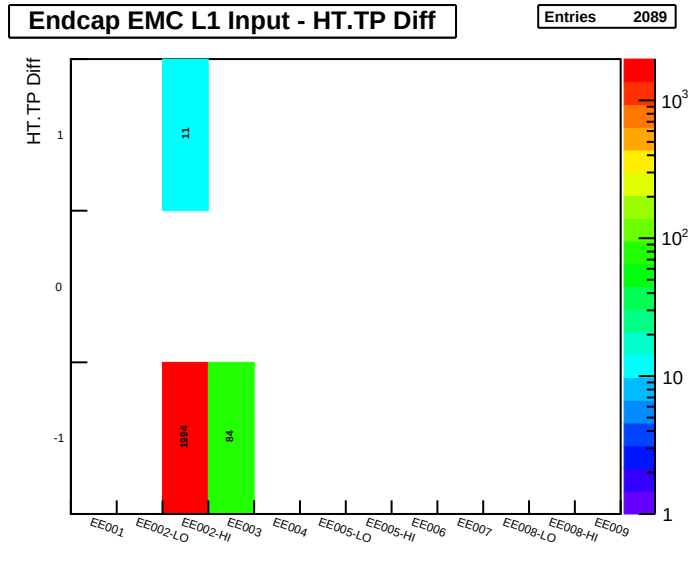

Endcap EMC L1 Input - HT-th0
Entries 9.984e+07
HT-th0
EE101
EE102
12351 2851 3125 13020 12981 4030 3731 11959 12203 2340 4106 13209
8.30765e+06 8.31715e+06 8.31689e+06 8.30696e+06 8.30702e+06 8.31597e+06 8.31627e+06 8.30804e+06 8.3078e+06 8.31766e+06 8.31589e+06 8.30679e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

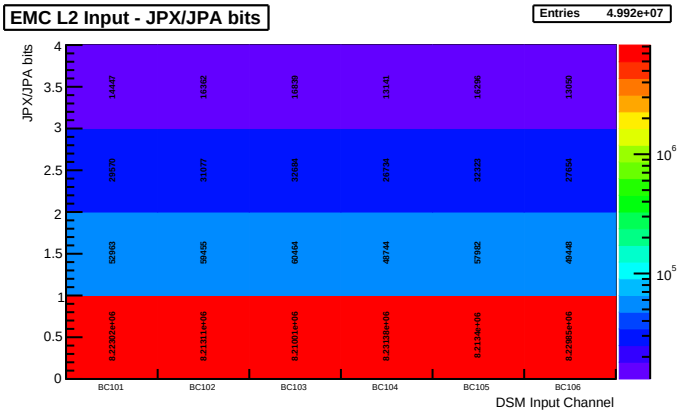

Endcap EMC L1 Input - HT-th0 Diff
Entries 15
HT-th0
EE101
EE102
15
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

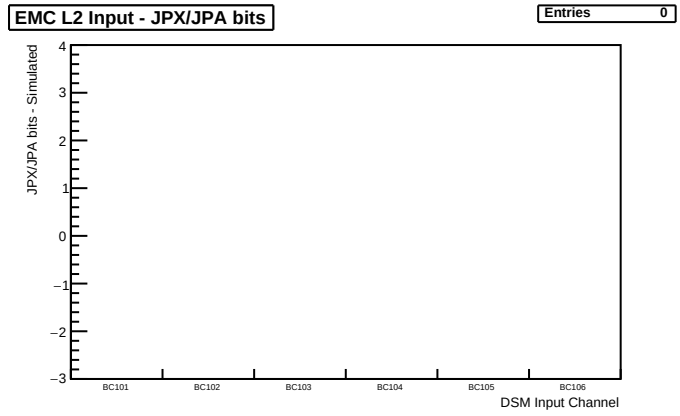

Endcap EMC L1 Input - HT-th1
Entries 9.984e+07
HT-th1
EE101
EE102
5627 1292 1445 5998 5993 1803 1649 5481 5637 1014 1964 6112
8.31437e+06 8.31871e+06 8.31856e+06 8.314e+06 8.31411e+06 8.31182e+06 8.31835e+06 8.31452e+06 8.31439e+06 8.31859e+06 8.31804e+06 8.31389e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

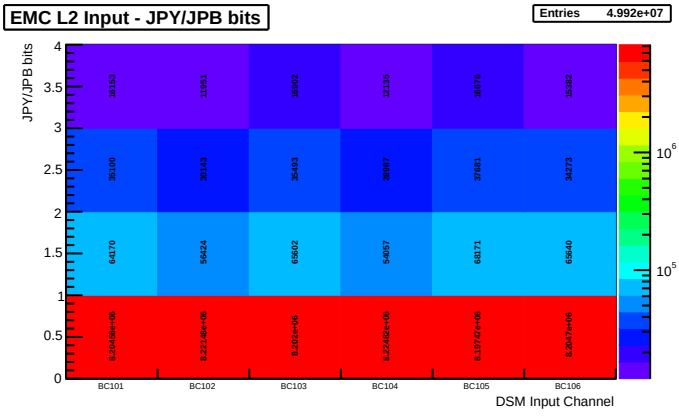

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

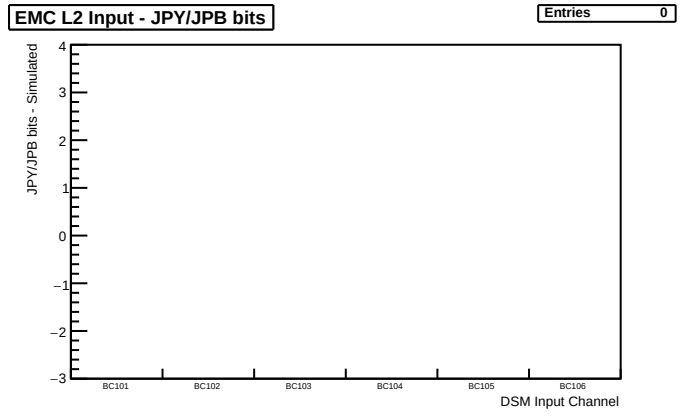

Endcap EMC L1 Input - HT.TP
Entries 9.984e+07
HT.TP
148540 31420 31964 145298 153700 39467 38568 140195 145455 25333 32962 158668
8.17146e+06 8.29858e+06 8.28804e+06 8.1747e+06 8.1663e+06 8.28053e+06 8.28143e+06 8.1798e+06 8.17454e+06 8.28467e+06 8.28704e+06 8.16133e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

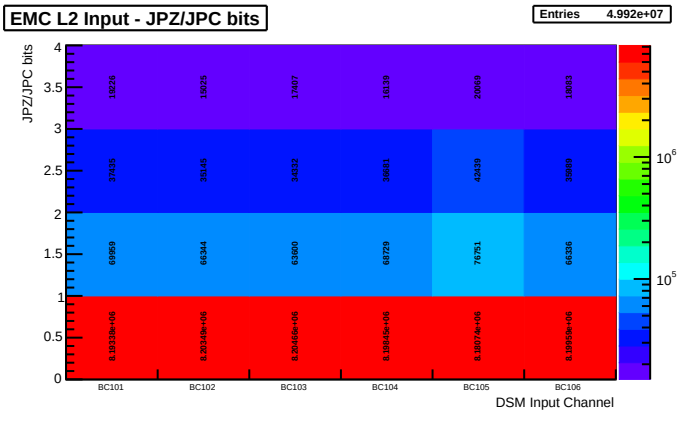

Endcap EMC L1 Input - HT.TP Diff
Entries 2089
HT.TP Diff
11
1994
84
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

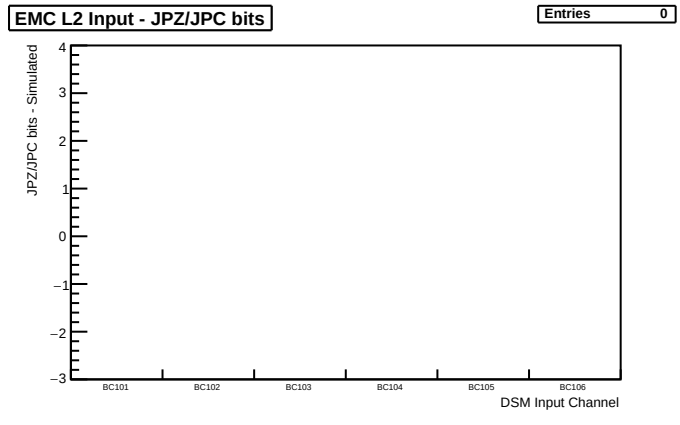

EMC L2 Input - JPX/JPA bits
Entries 4.992e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

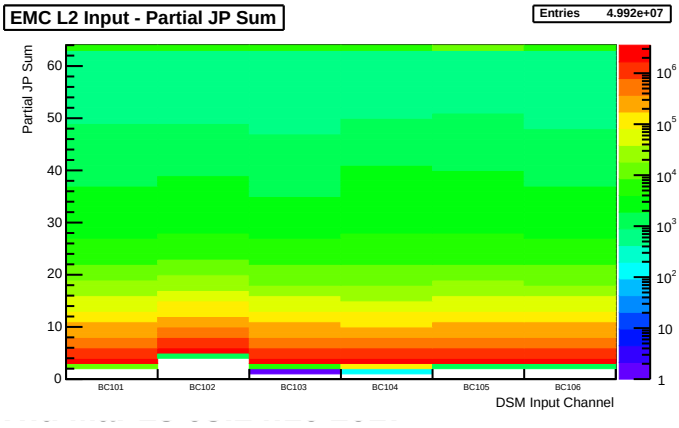

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

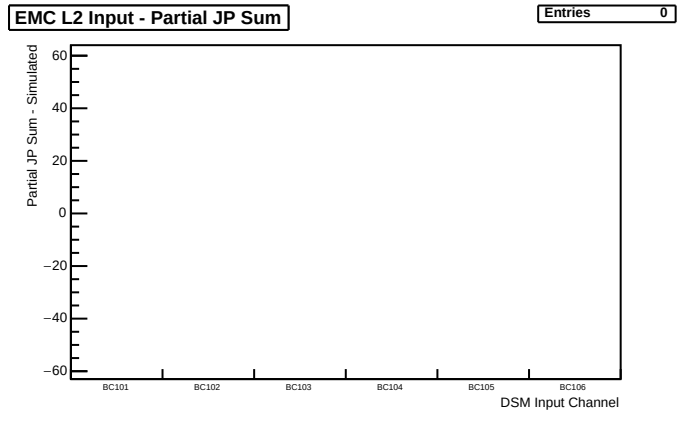

EMC L2 Input - JPY/JPB bits
Entries 4.992e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

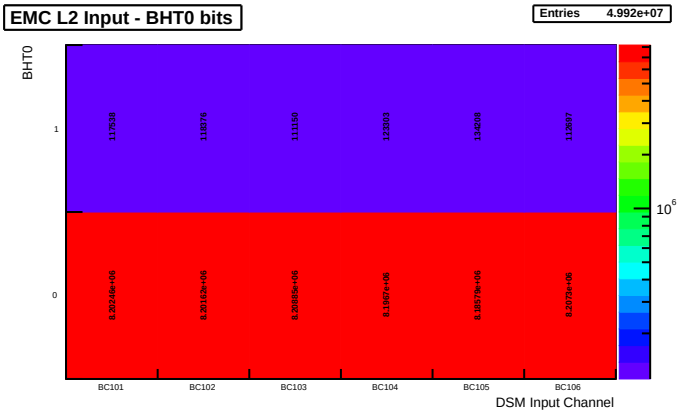

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

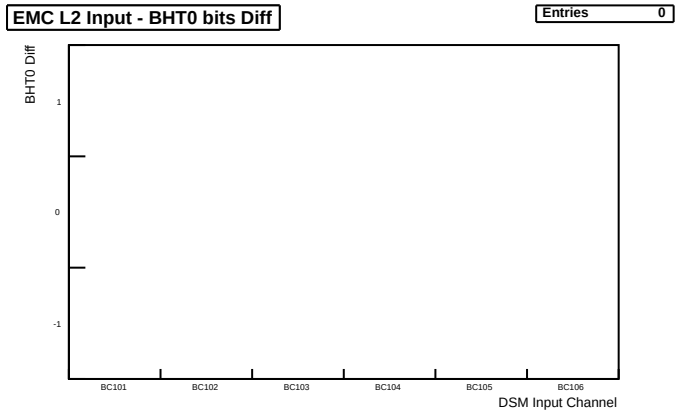

EMC L2 Input - JPZ/JPC bits
Entries 4.992e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

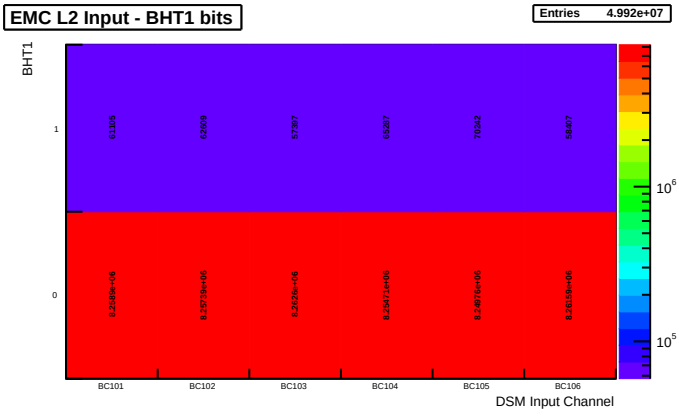

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

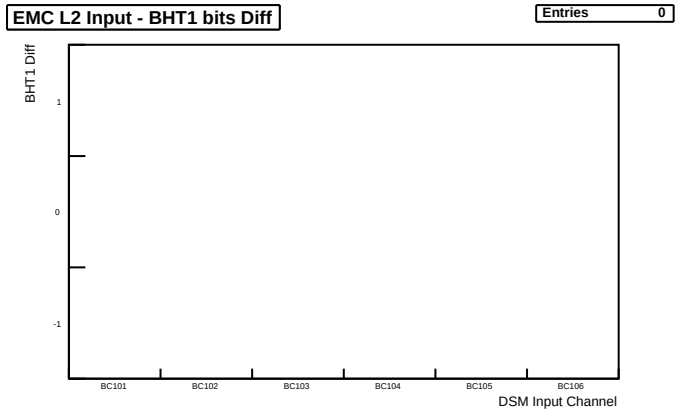

EMC L2 Input - Partial JP Sum
Entries 4.992e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

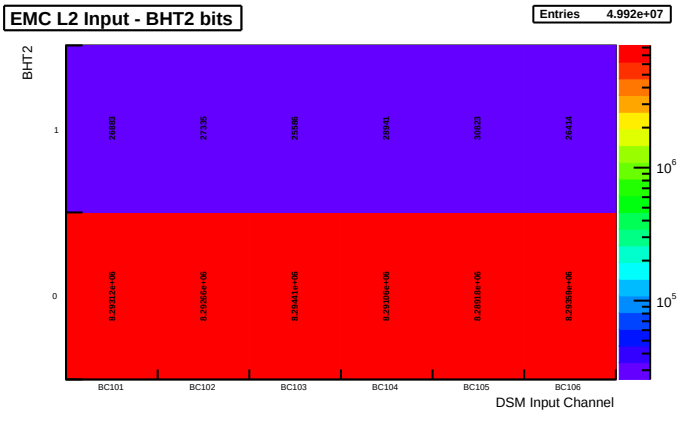

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

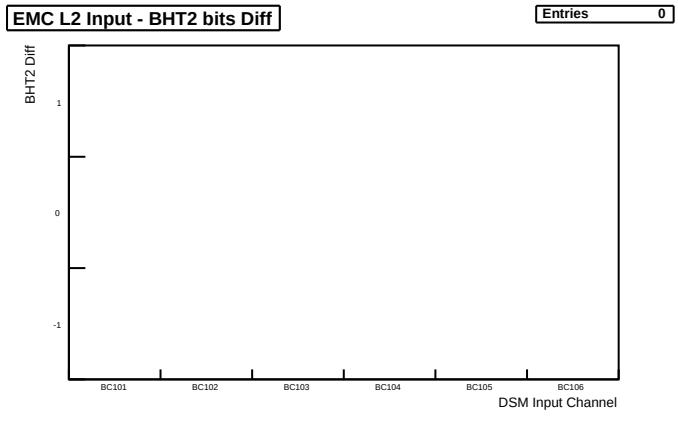

EMC L2 Input - BHT0 bits
Entries 4.992e+07
BHT0
1
0
117538
118376
111150
123103
134208
112697
8.20249e+06
8.20162e+06
8.20885e+06
8.19607e+06
8.19579e+06
8.20729e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

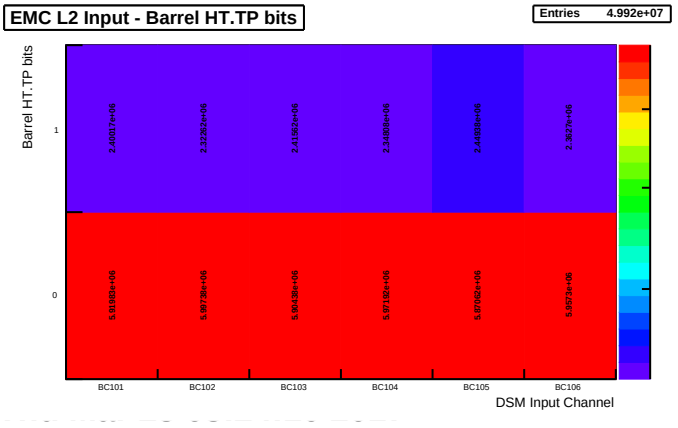

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

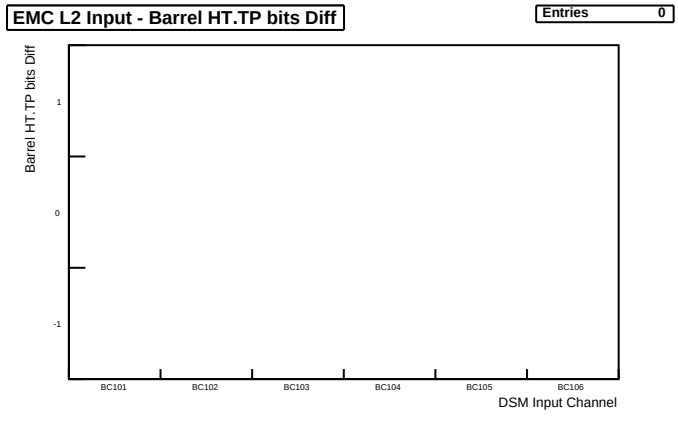

EMC L2 Input - BHT1 bits
Entries 4.992e+07
BHT1
1
0
61105
62609
57397
65287
70242
59407
8.25396e+06
8.25739e+06
8.26256e+06
8.25971e+06
8.24976e+06
8.26159e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

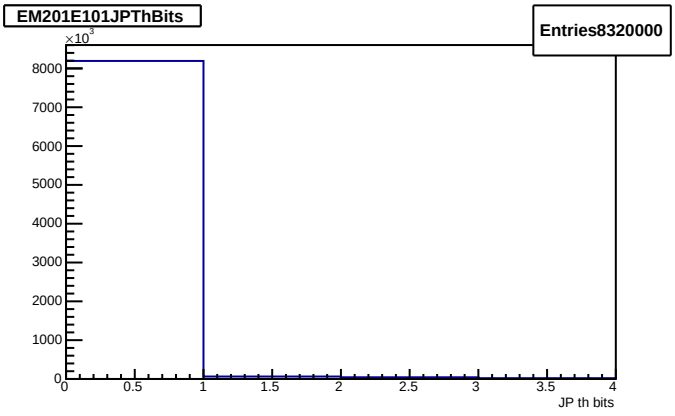

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

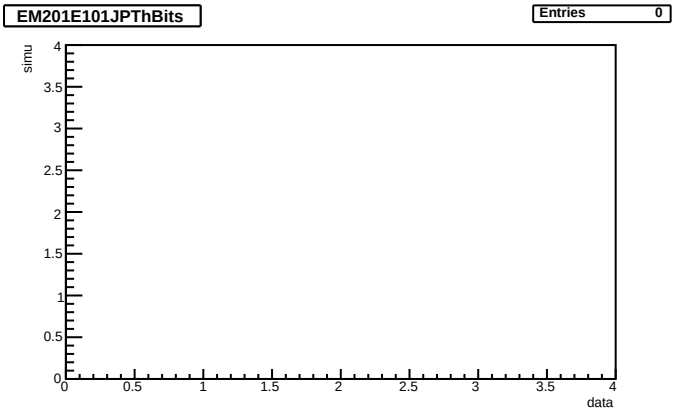

EMC L2 Input - BHT2 bits
Entries 4.992e+07
BHT2
1
0
26383
27335
25588
28941
30323
26514
8.23932e+06
8.23265e+06
8.23441e+06
8.23105e+06
8.23918e+06
8.23339e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

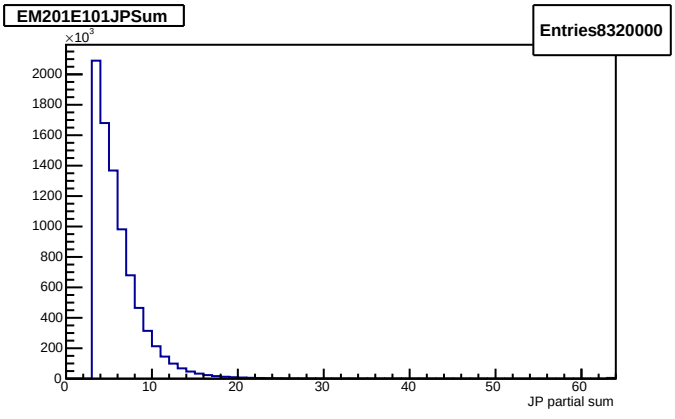

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

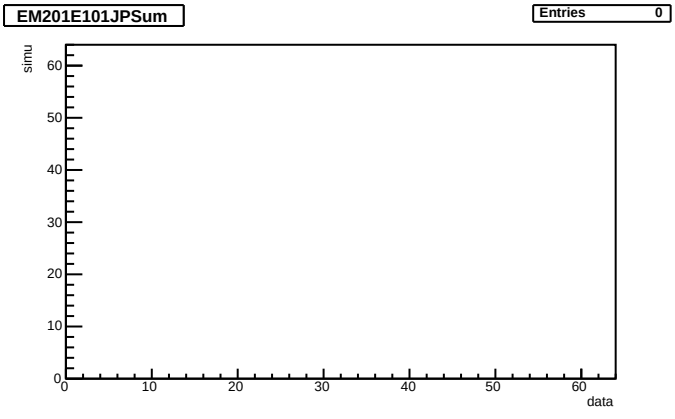

EMC L2 Input - Barrel HT.TP bits
Entries 4.992e+07
Barrel HT.TP bits
1
0
2.40017e+06
2.32263e+06
2.41562e+06
2.34936e+06
2.44589e+06
2.3623e+06
5.93183e+06
5.97739e+06
5.90438e+06
5.97192e+06
5.97062e+06
5.9573e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

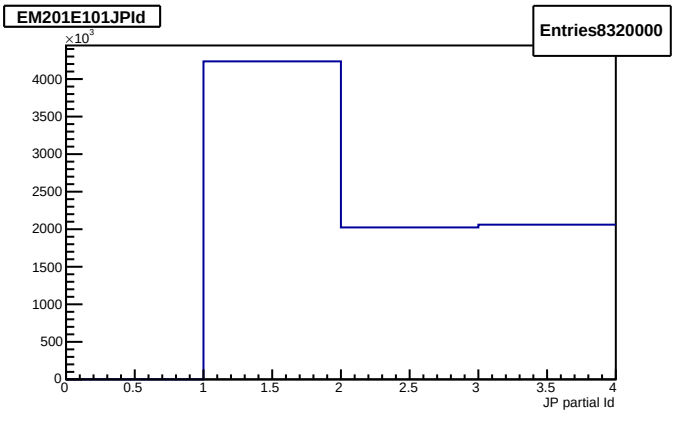

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

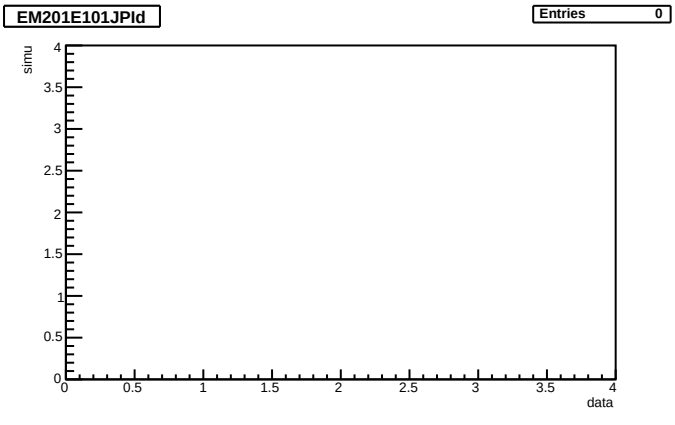

EM201E101JPThBits
Entries8320000
×10^3
JP th bits

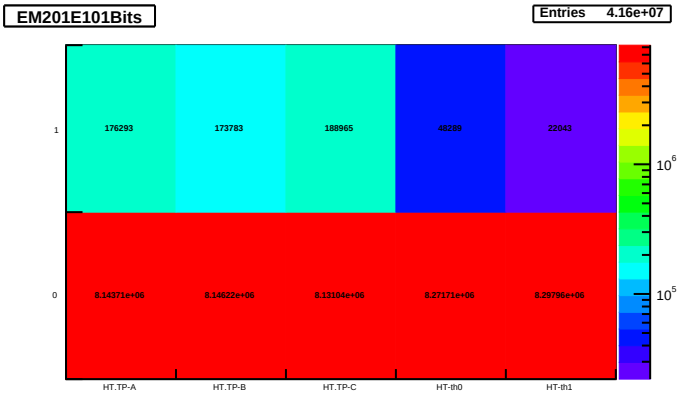

EM201E101JPThBits
Entries 0
simu
data

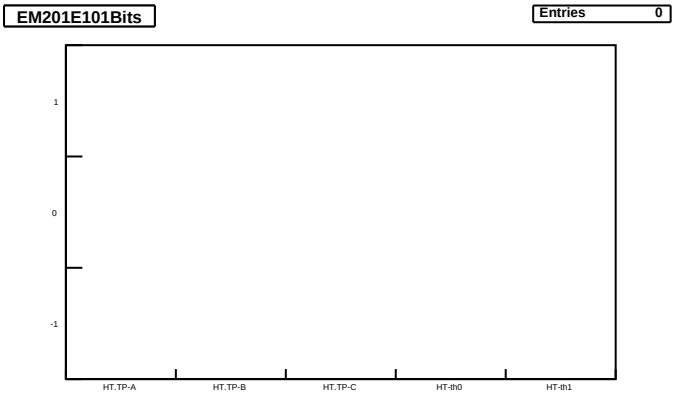

EM201E101JPSum
Entries8320000
×10^3
JP partial sum

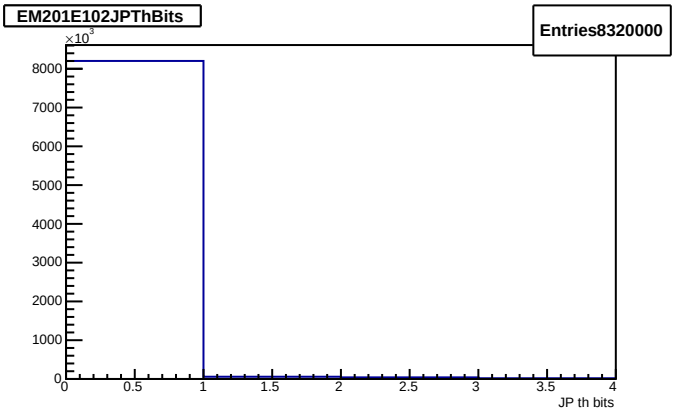

EM201E101JPSum
Entries 0
simu
data

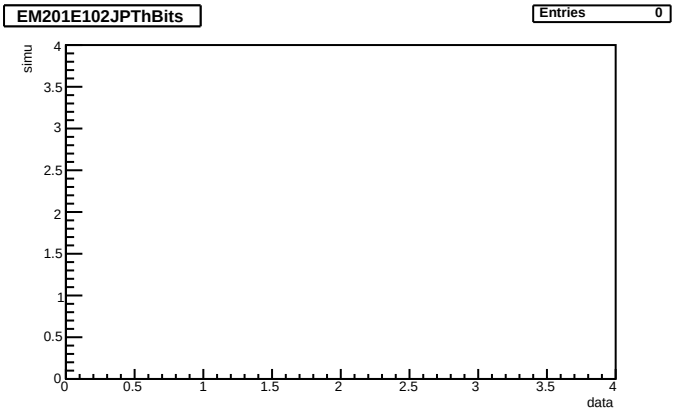

EM201E101JPId
Entries8320000
×10^3
JP partial Id

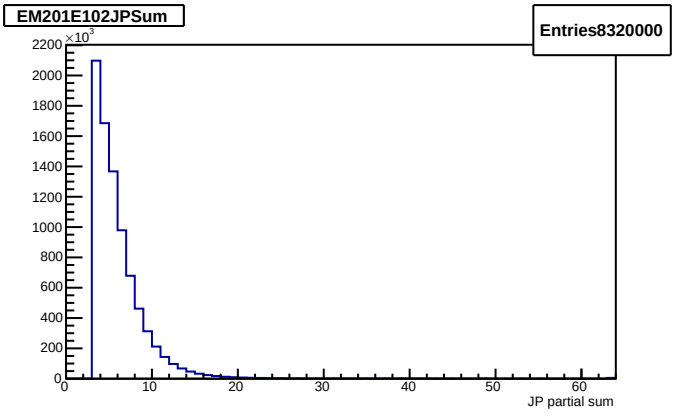

EM201E101JPId
Entries 0
simu
data

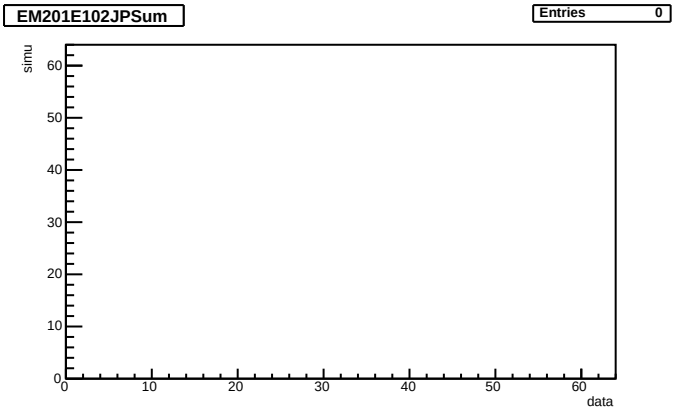

EM201E101Bits
Entries 4.16e+07
176293
173783
188965
40289
22043
8.14371e+06
8.14622e+06
8.13104e+06
8.27171e+06
8.29796e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

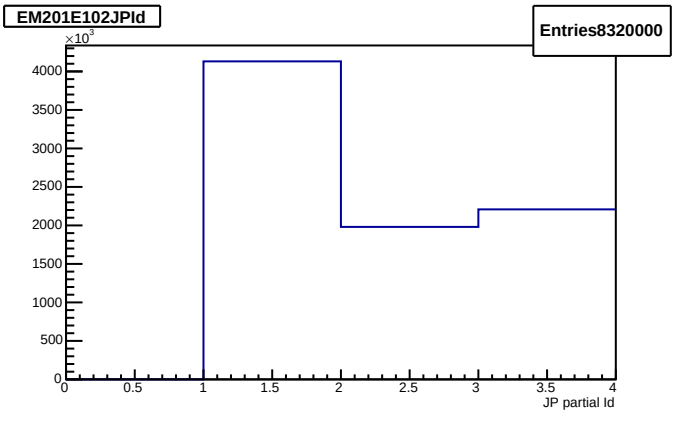

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

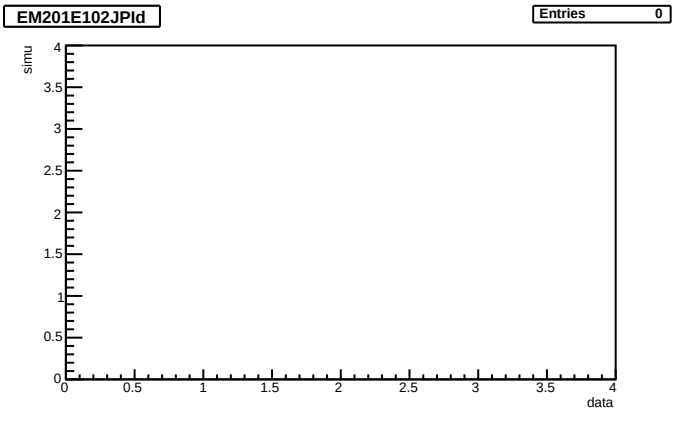

EM201E102JPThBits
Entries8320000
JP th bits

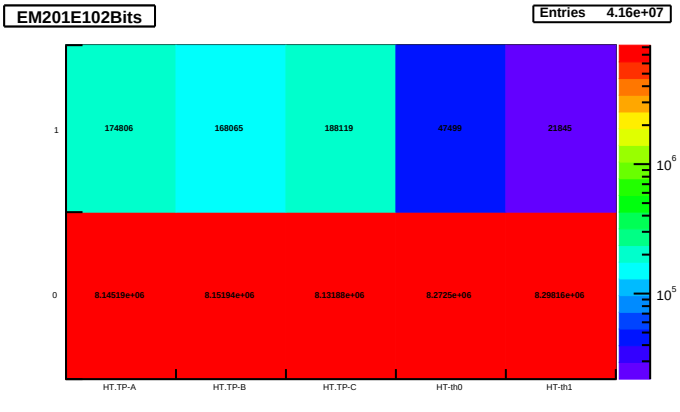

EM201E102JPThBits
Entries 0
simu
data

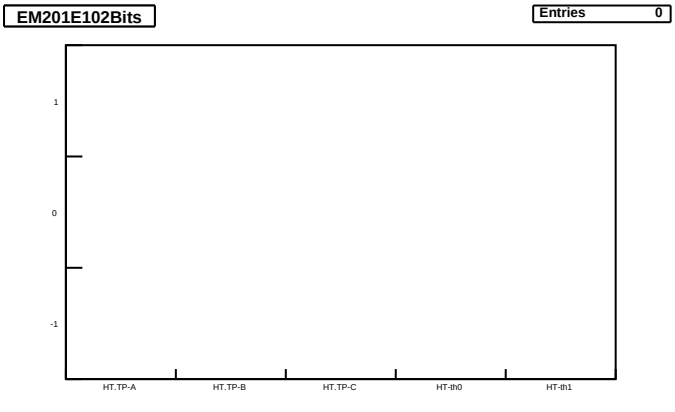

EM201E102JPSum
Entries8320000
JP partial sum

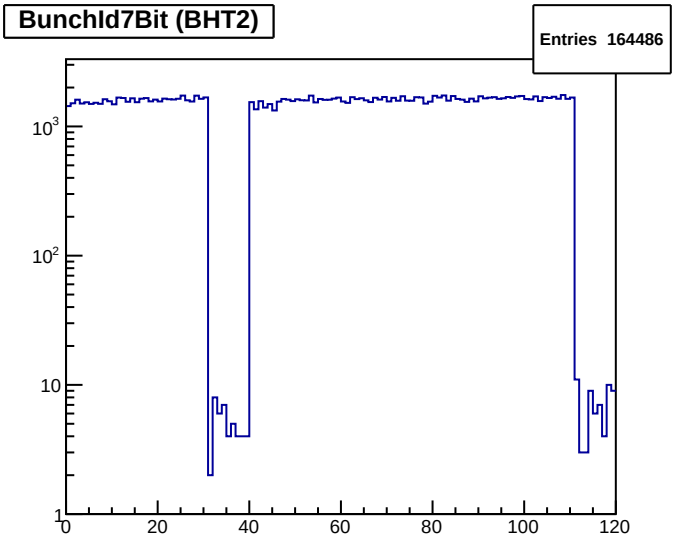

EM201E102JPSum
Entries 0
simu
data

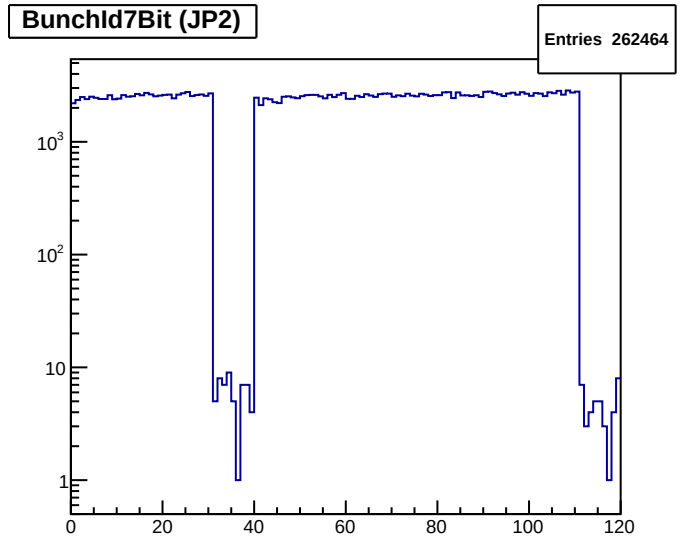

EM201E102JPId
Entries8320000
JP partial Id

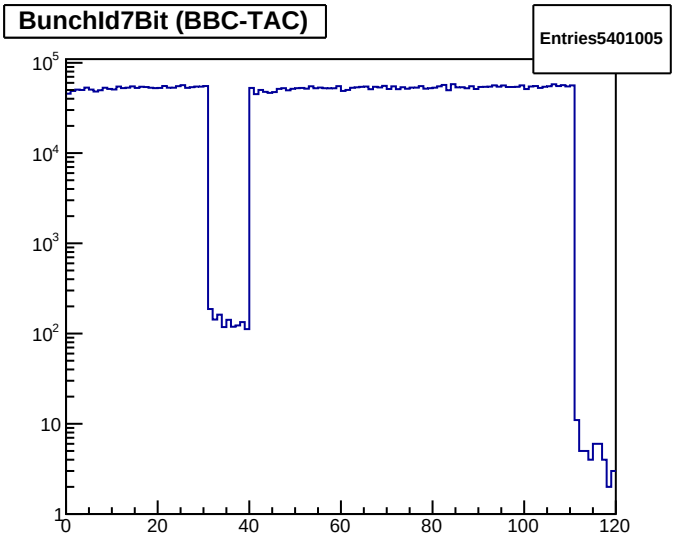

EM201E102JPId
Entries 0
simu
data

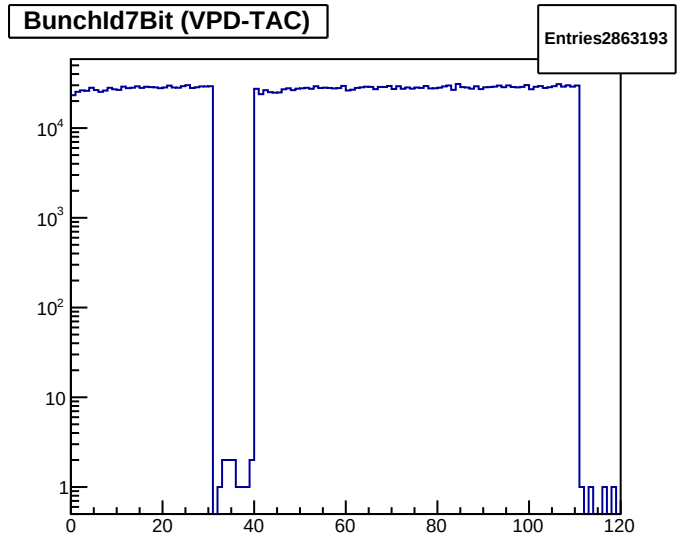

EM201E102Bits
Entries 4.16e+07
174806
168065
188119
47499
21845
8.14519e+06
8.15194e+06
8.13188e+06
8.2725e+06
8.29816e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

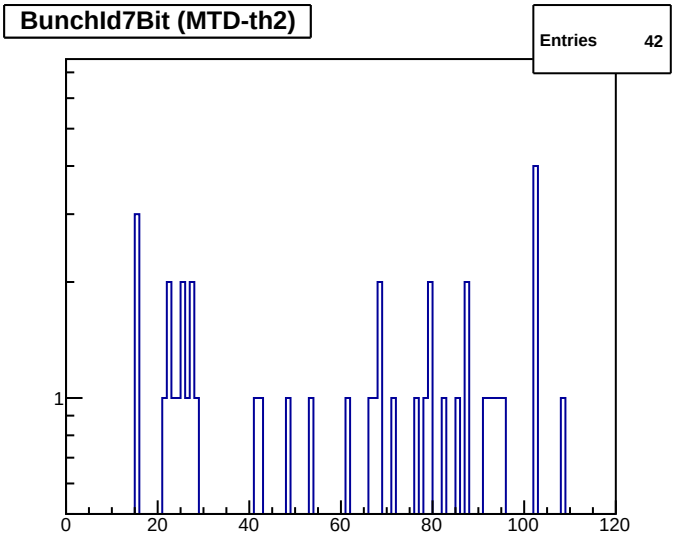

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

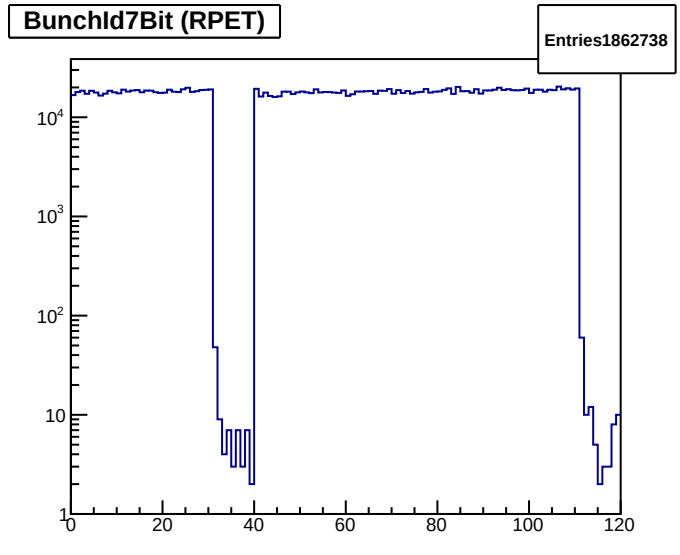

BunchId7Bit (BHT2)
Entries 164486

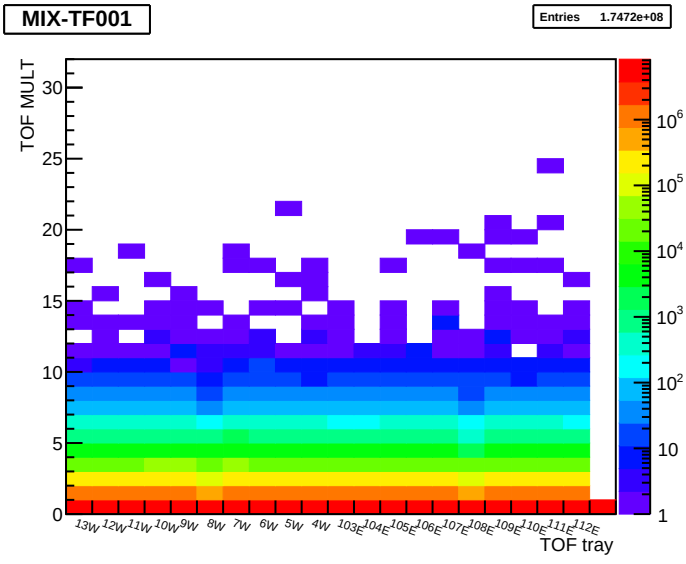

BunchId7Bit (JP2)
Entries 262464

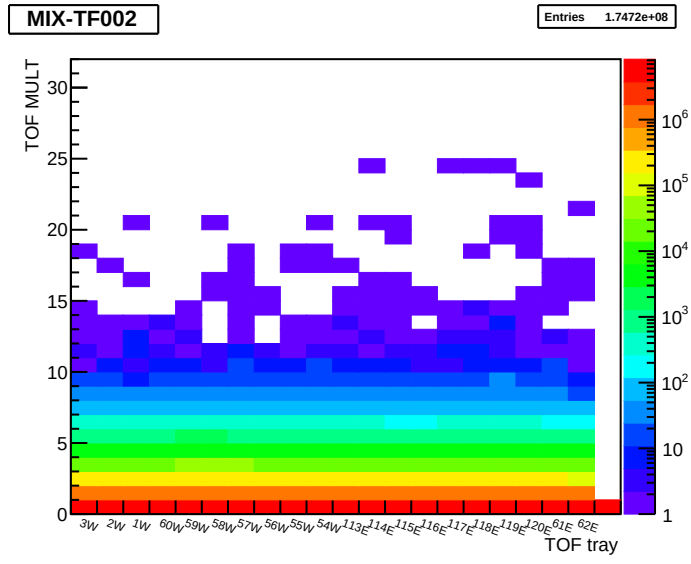

BunchId7Bit (BBC-TAC)
Entries5401005

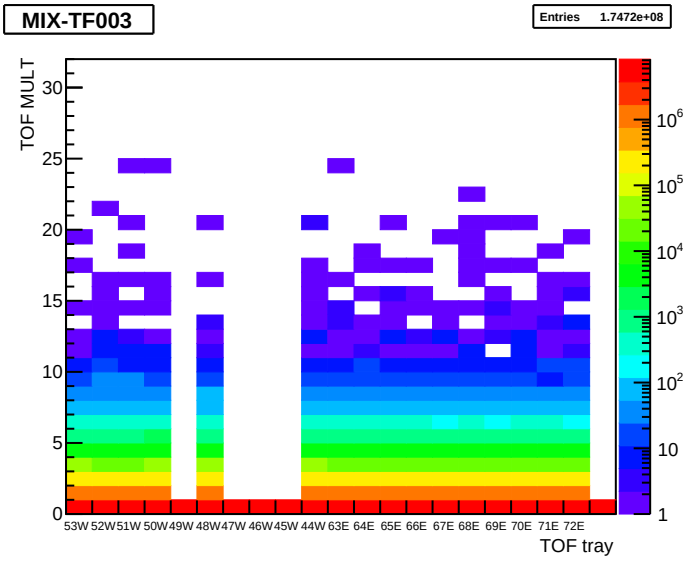

BunchId7Bit (VPD-TAC)
Entries2863193

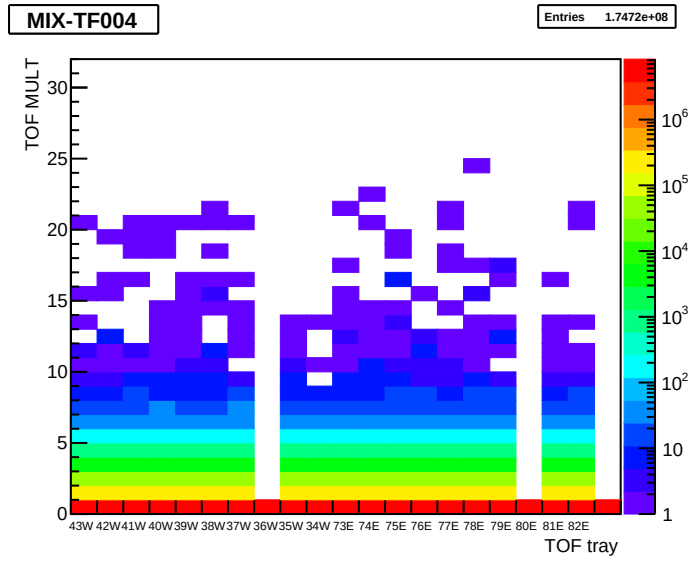

BunchId7Bit (MTD-th2)
Entries 42

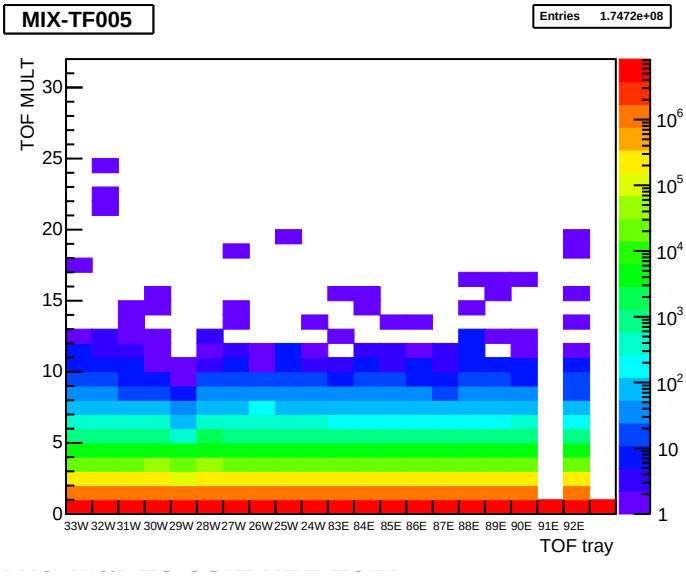

BunchId7Bit (RPET)
Entries1862738

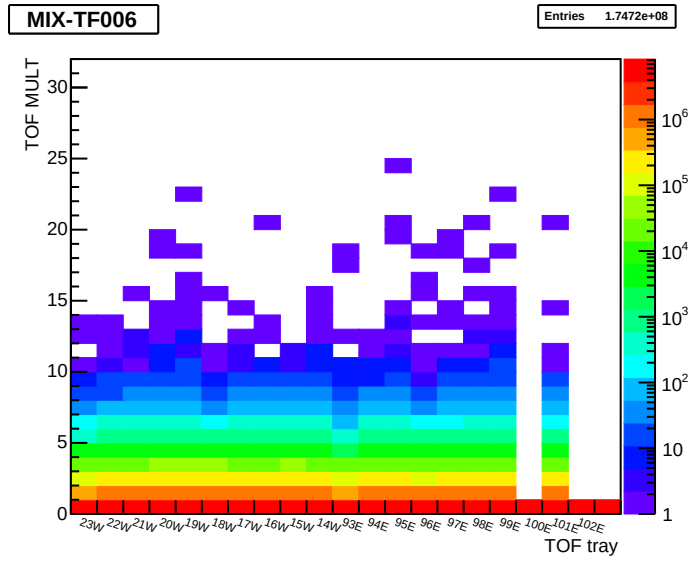

MIX-TF001
Entries 1.7472e+08
TOF MULT
TOF tray

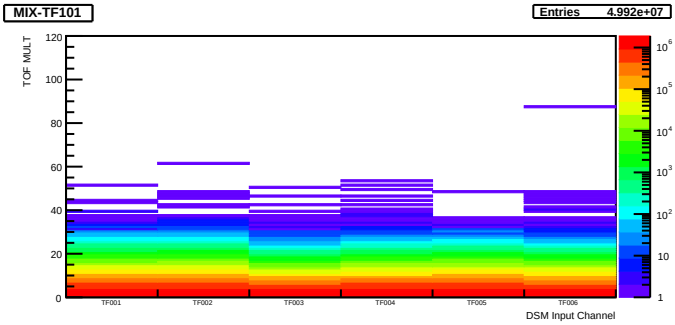

MIX-TF002
Entries 1.7472e+08
TOF MULT
TOF tray

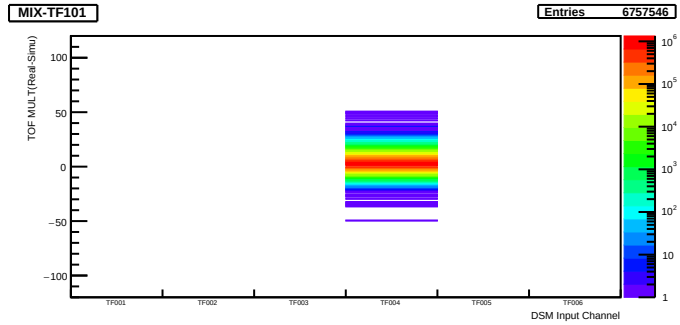

MIX-TF003
Entries 1.7472e+08
TOF MULT
TOF tray

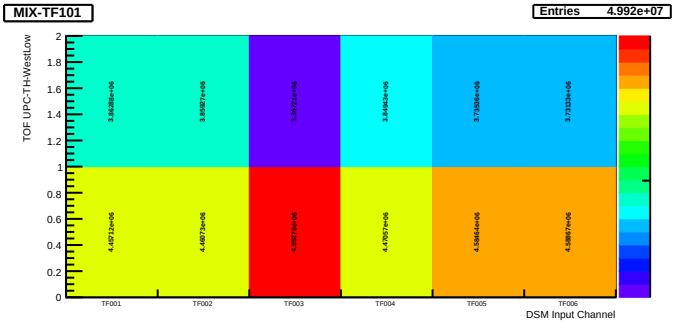

MIX-TF004
Entries 1.7472e+08
TOF MULT
TOF tray

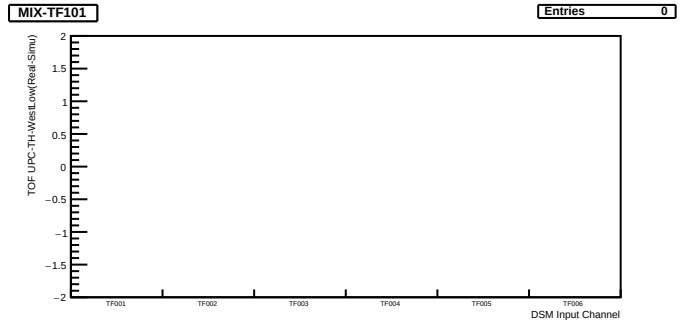

MIX-TF005
Entries 1.7472e+08
TOF MULT
TOF tray

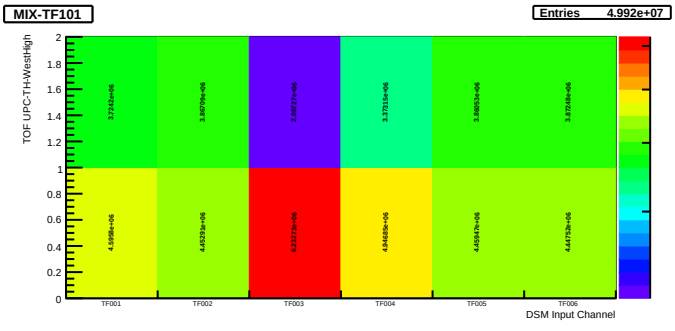

MIX-TF006
Entries 1.7472e+08
TOF MULT
TOF tray

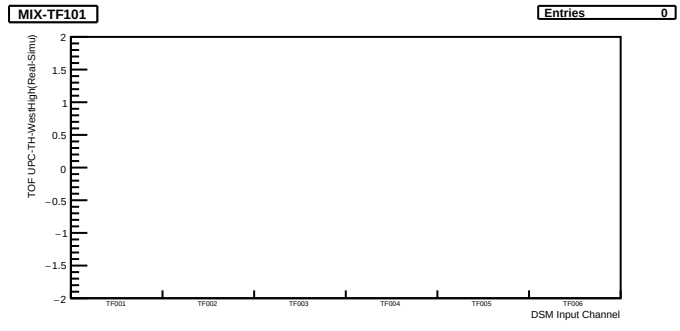

MIX-TF101
Entries 4.992e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

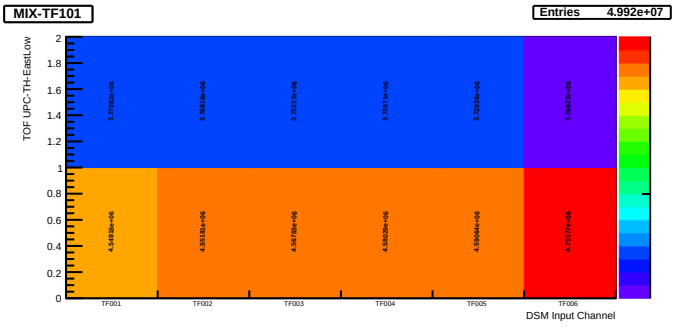

MIX-TF101
Entries 6757546
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

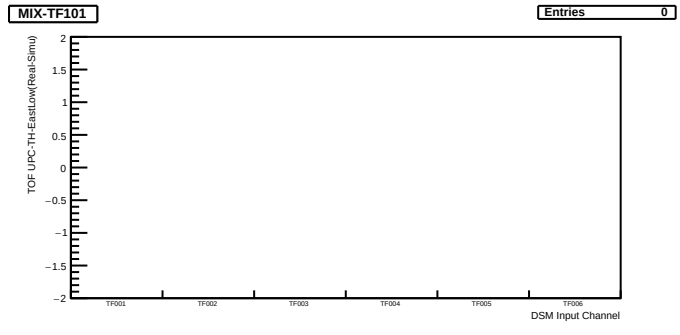

MIX-TF101
Entries 4.992e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

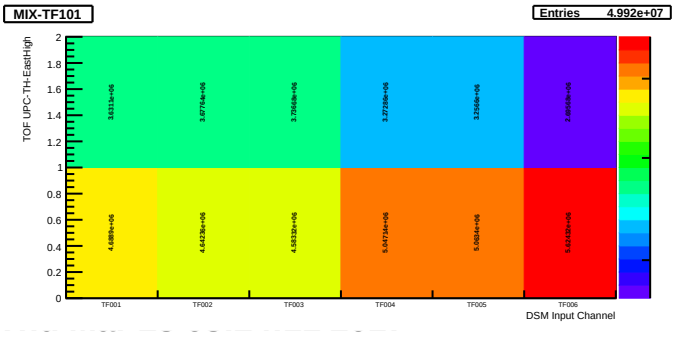

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

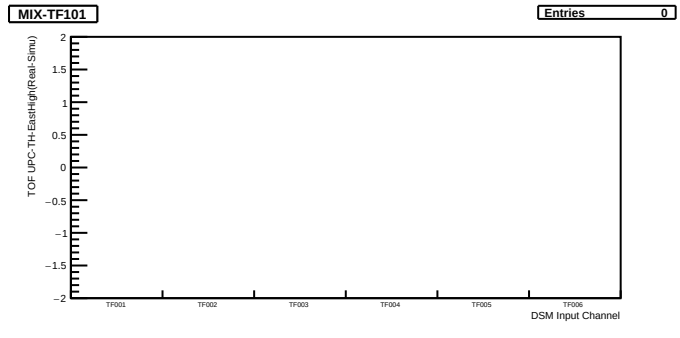

MIX-TF101
Entries 4.992e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

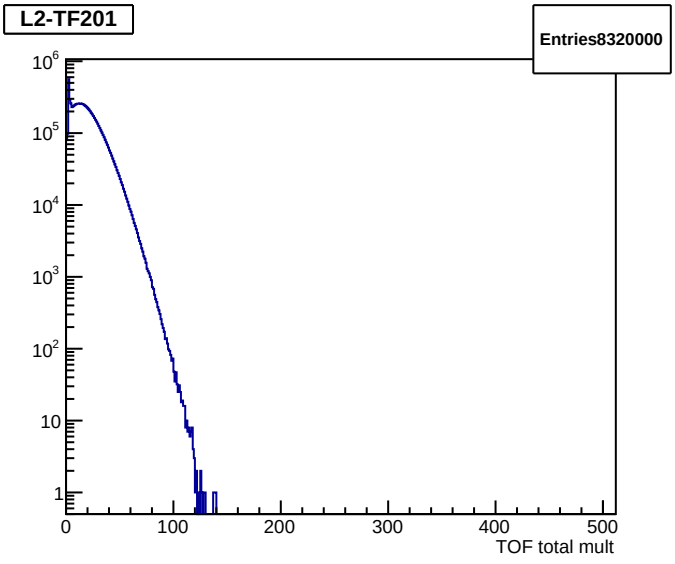

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

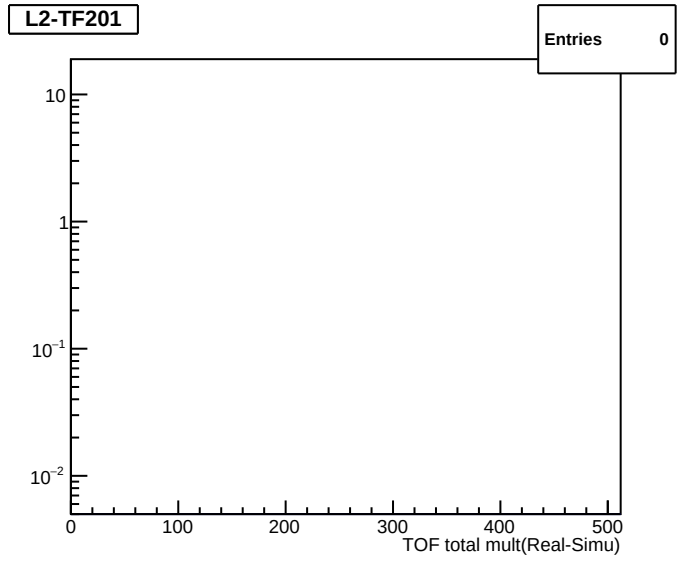

MIX-TF101
Entries 4.992e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

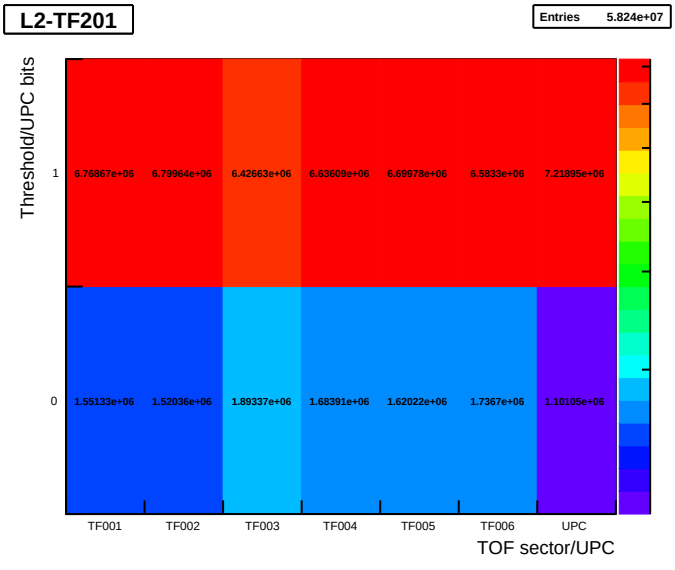

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

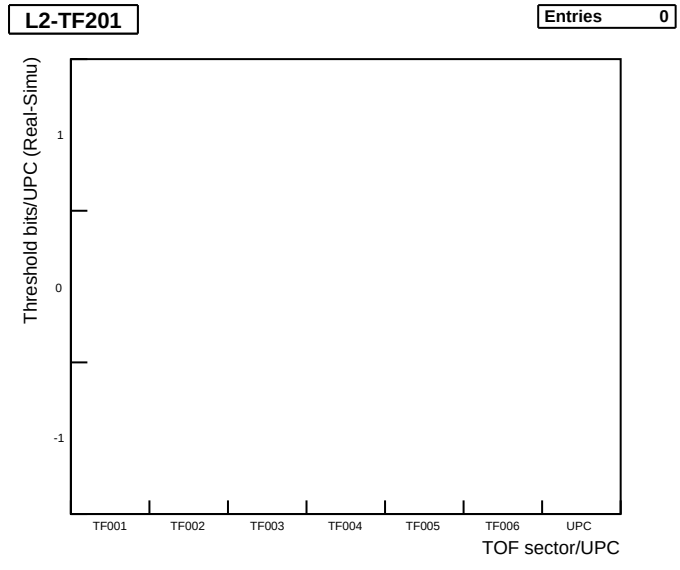

MIX-TF101
Entries 4.992e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

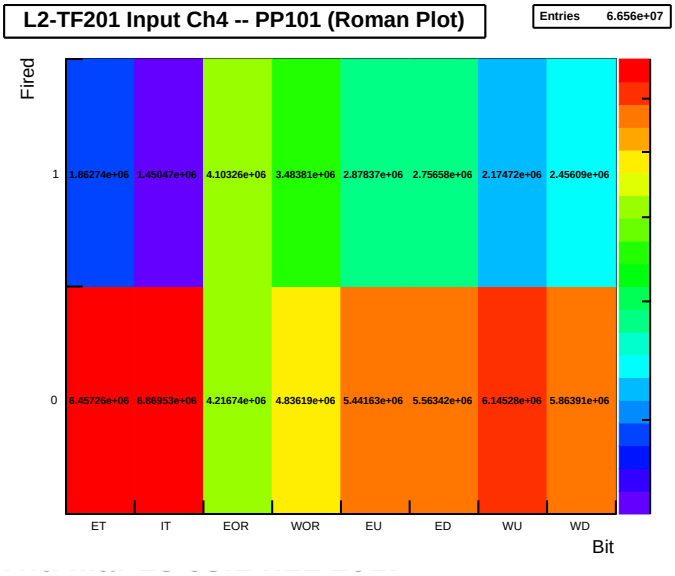

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

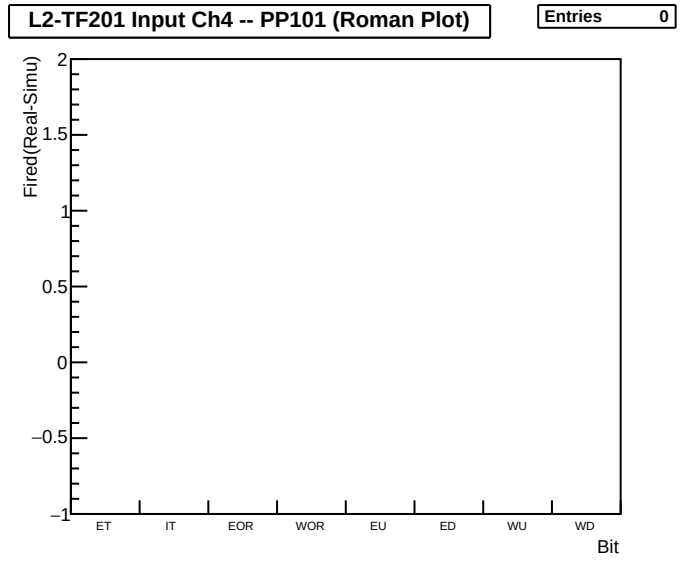

L2-TF201
Entries8320000
TOF total mult

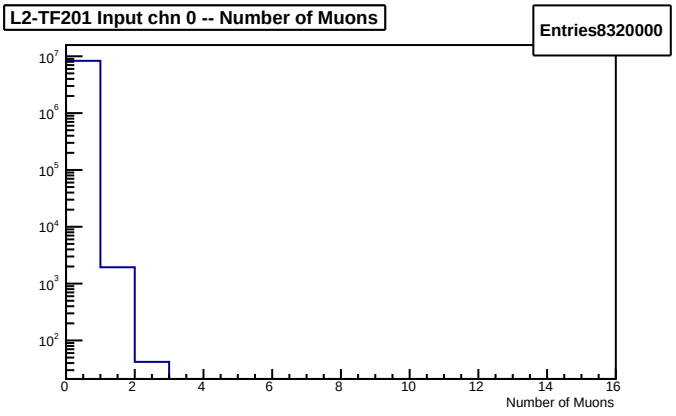

L2-TF201
Entries 0
TOF total mult(Real-Simu)

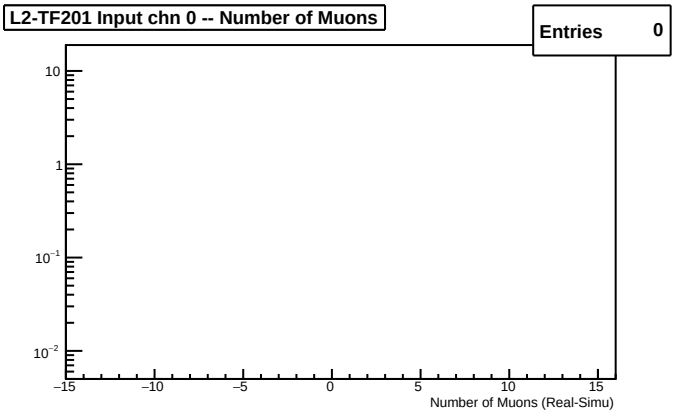

L2-TF201
Entries 5.824e+07
Threshold/UPC bits
6.76867e+06 6.79964e+06 6.42663e+06 6.63609e+06 6.69978e+06 6.5833e+06 7.21895e+06
1.55133e+06 1.52036e+06 1.89337e+06 1.68391e+06 1.62022e+06 1.7367e+06 1.10105e+06
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

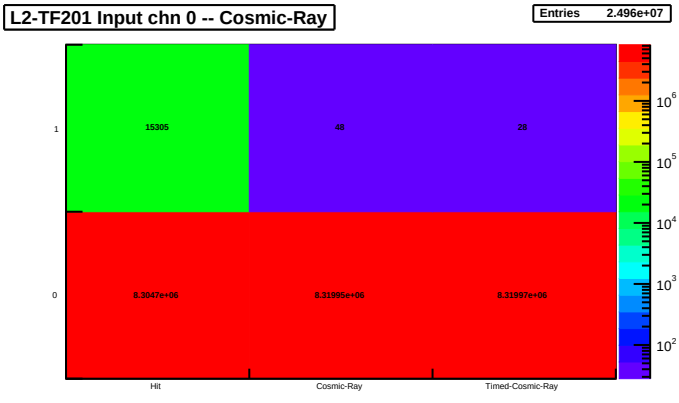

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

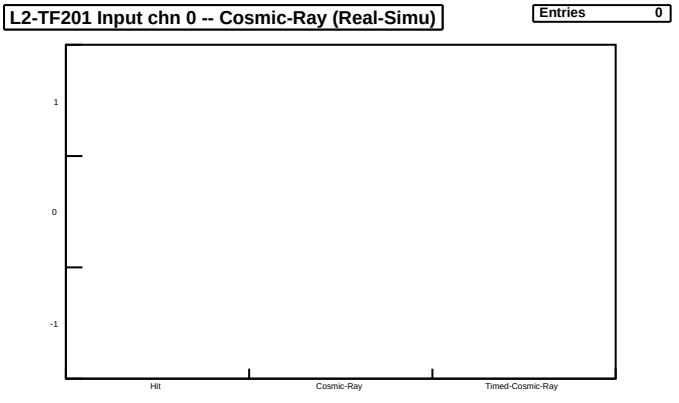

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 6.656e+07
Fired
1.86274e+06 1.45047e+06 4.10326e+06 3.48381e+06 2.87837e+06 2.75658e+06 2.17472e+06 2.45609e+06
6.45726e+06 6.86953e+06 4.21674e+06 4.83619e+06 5.44163e+06 5.56342e+06 6.14528e+06 5.86391e+06
ET IT EOR WOR EU ED WU WD
Bit

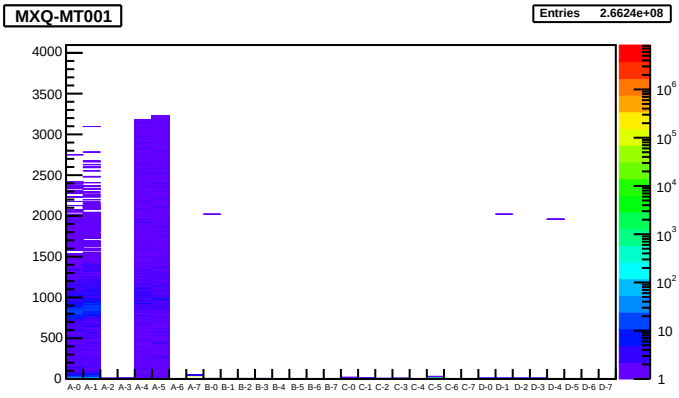

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET IT EOR WOR EU ED WU WD
Bit

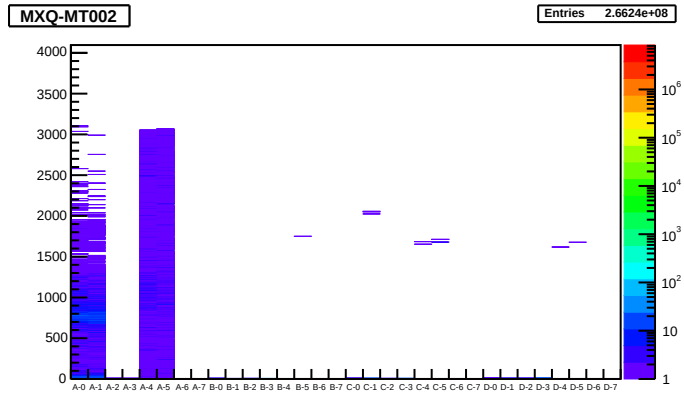

L2-TF201 Input chn 0 -- Number of Muons
Entries8320000
Number of Muons

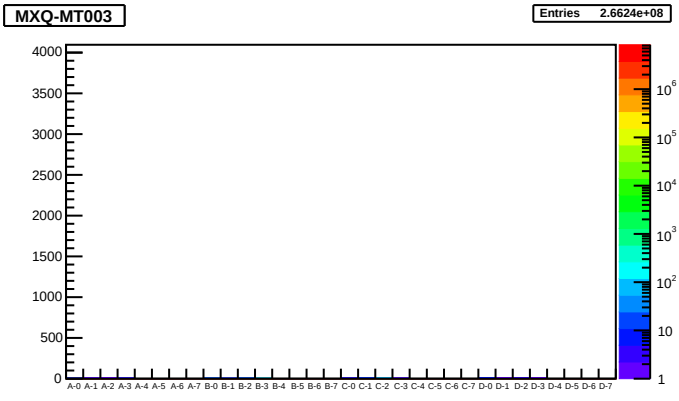

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

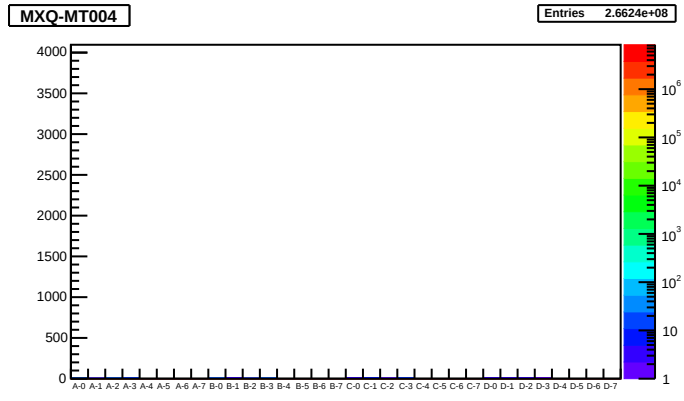

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.496e+07
15305
48
28
8.3047e+06
8.31995e+06
8.31997e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

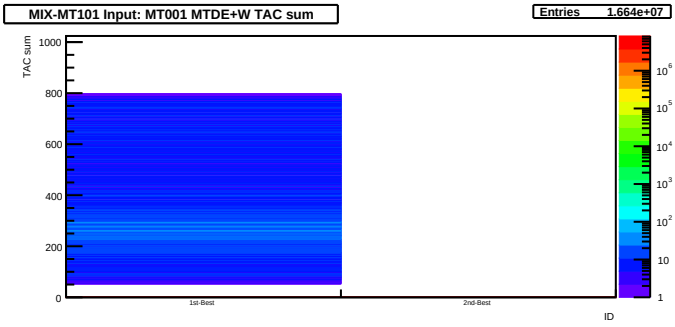

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

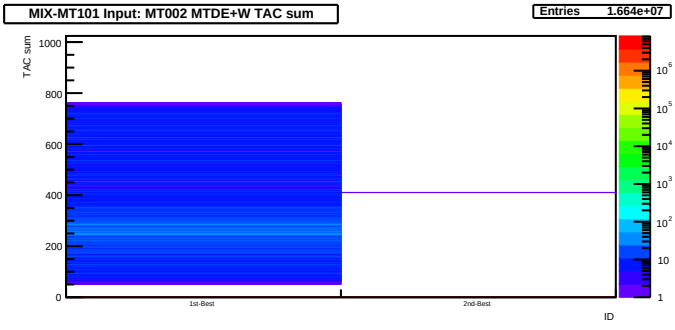

MXQ-MT001
Entries 2.6624e+08

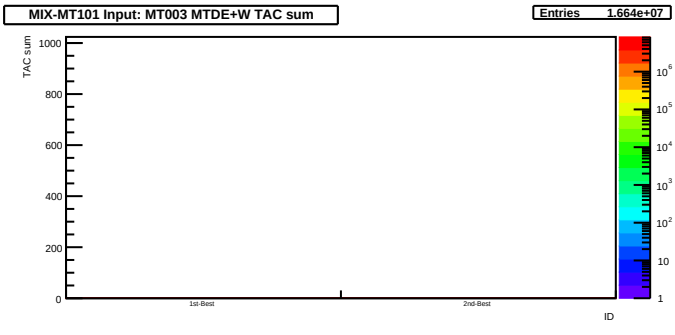

MXQ-MT002
Entries 2.6624e+08

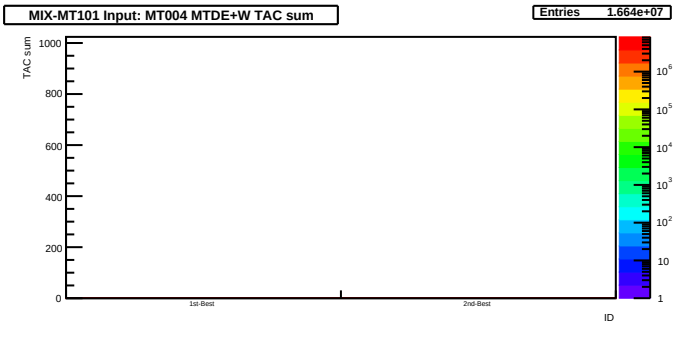

MXQ-MT003
Entries 2.6624e+08

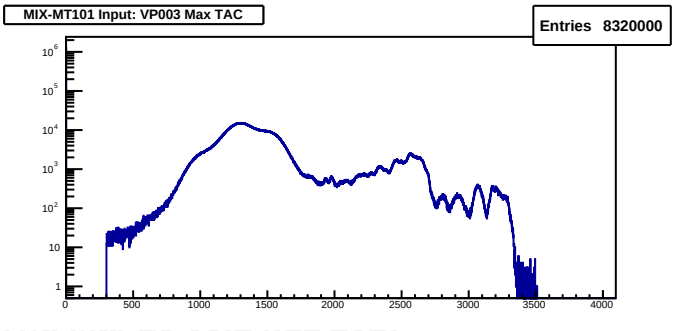

MXQ-MT004
Entries 2.6624e+08

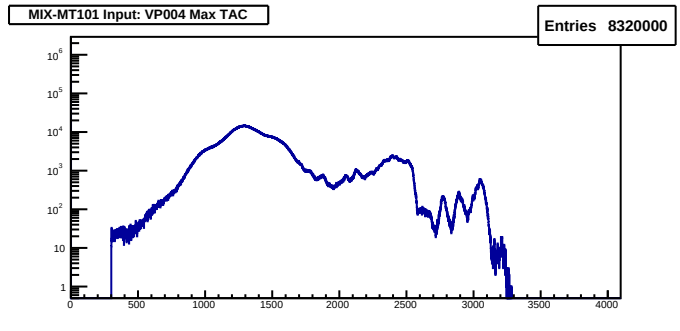

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.664e+07
TAC sum
1st-Best
2nd-Best
ID

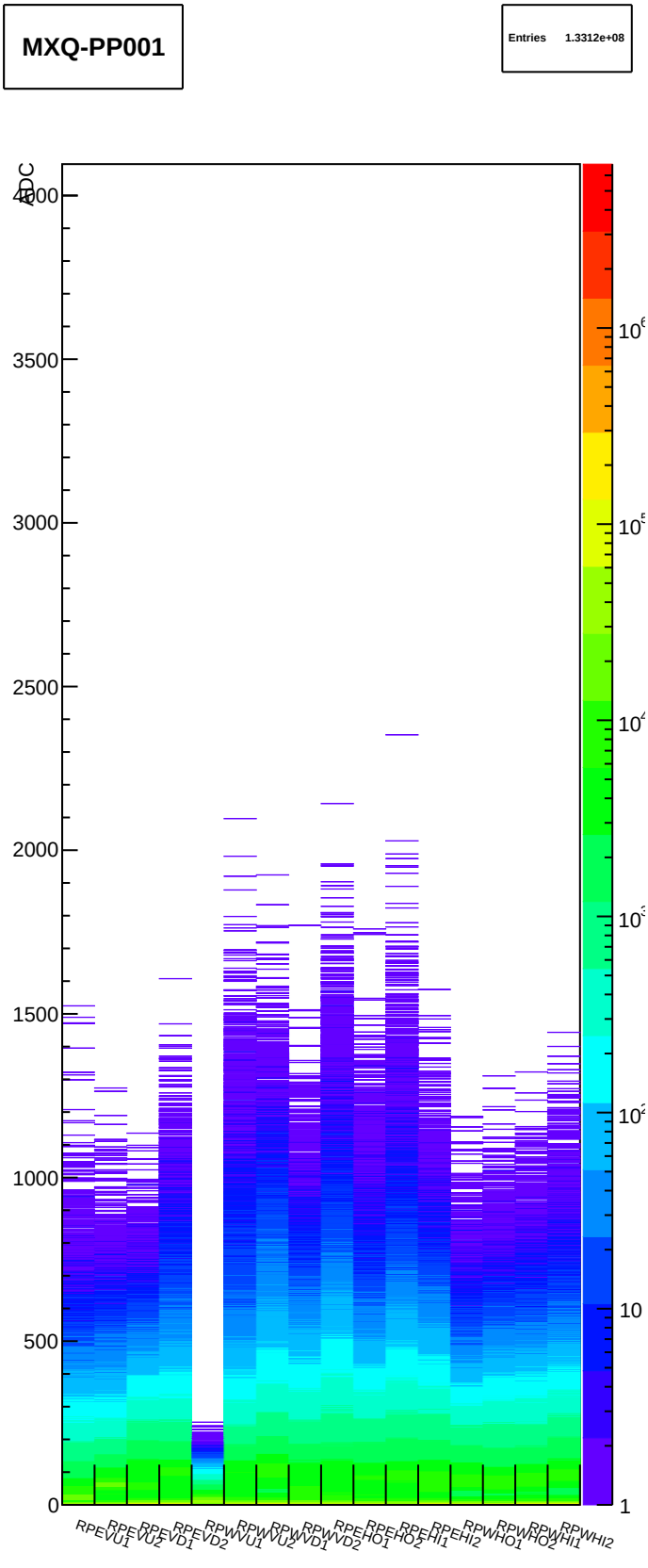

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.664e+07
TAC sum
1st-Best
2nd-Best
ID

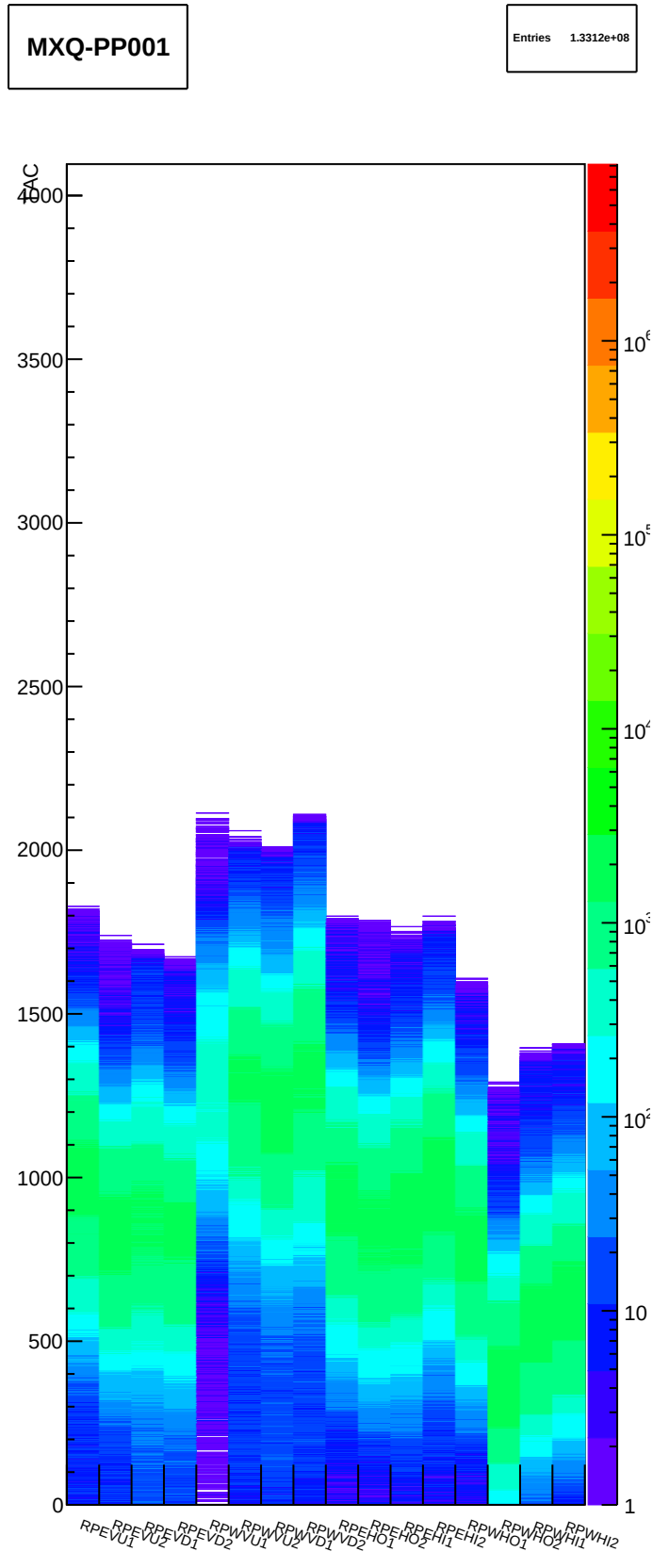

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.664e+07
TAC sum
1st-Best
2nd-Best
ID

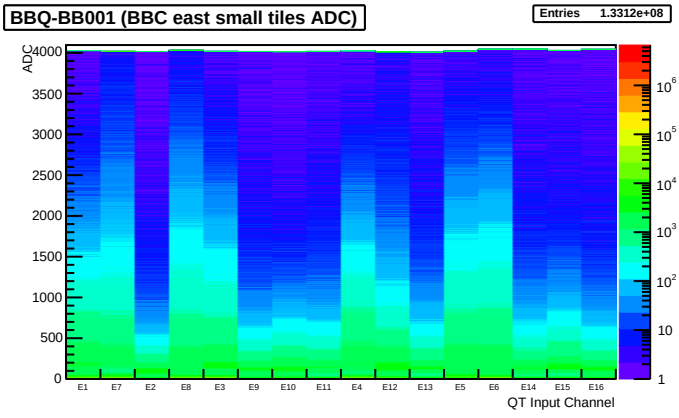

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.664e+07
TAC sum
1st-Best
2nd-Best
ID

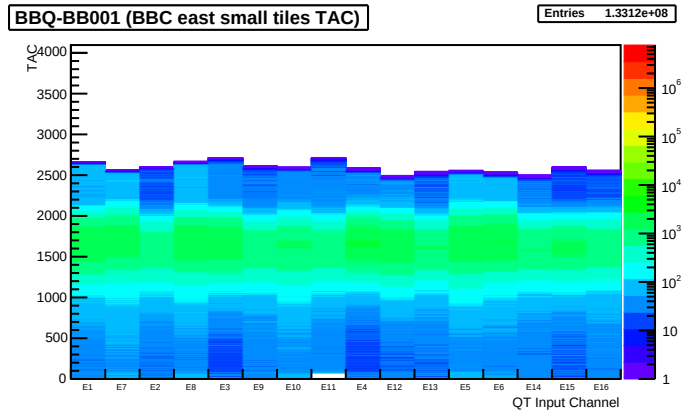

MIX-MT101 Input: VP003 Max TAC
Entries 8320000

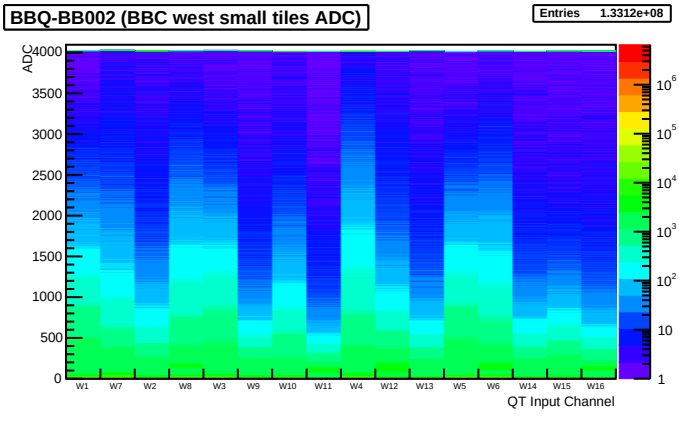

MIX-MT101 Input: VP004 Max TAC
Entries 8320000

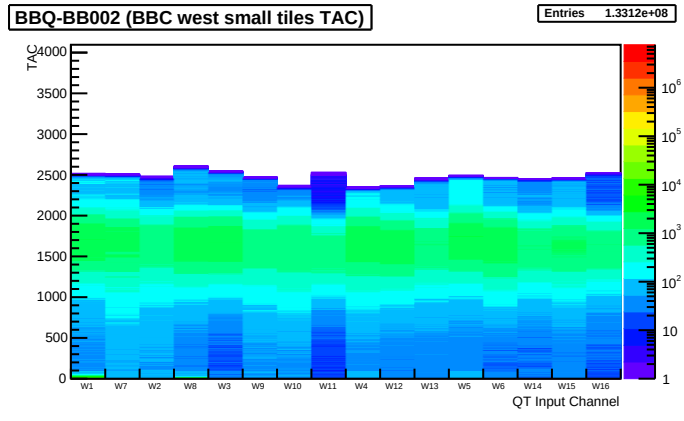

MXQ-PP001
Entries 1.3312e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

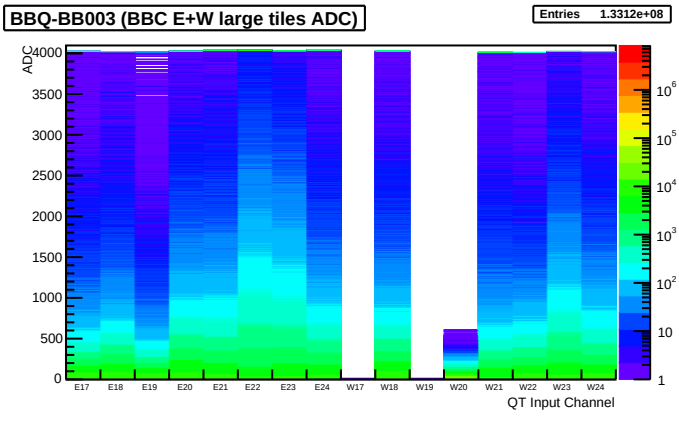

MXQ-PP001
Entries 1.3312e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

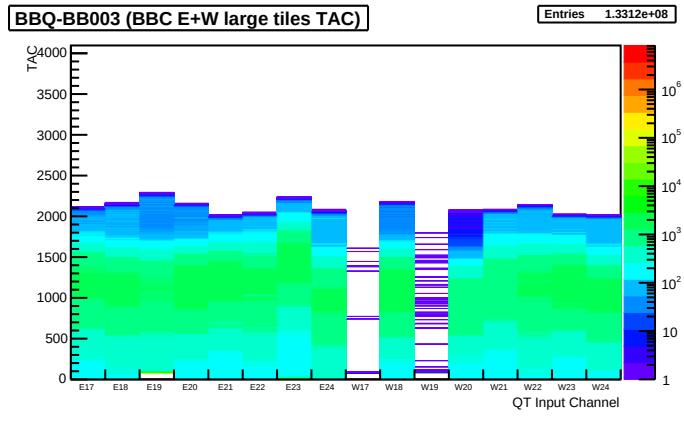

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.3312e+08
ADC
QT Input Channel

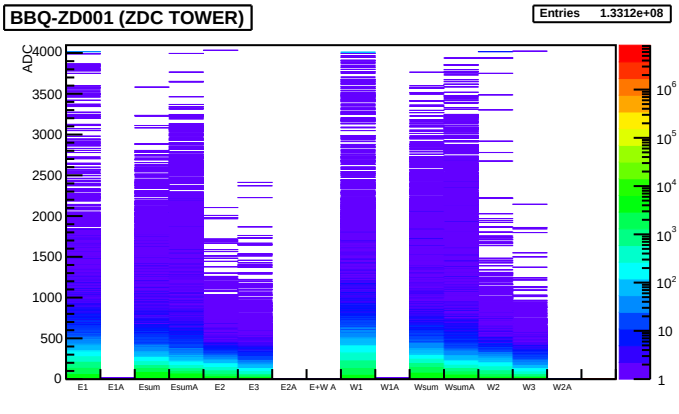

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.3312e+08
TAC
QT Input Channel

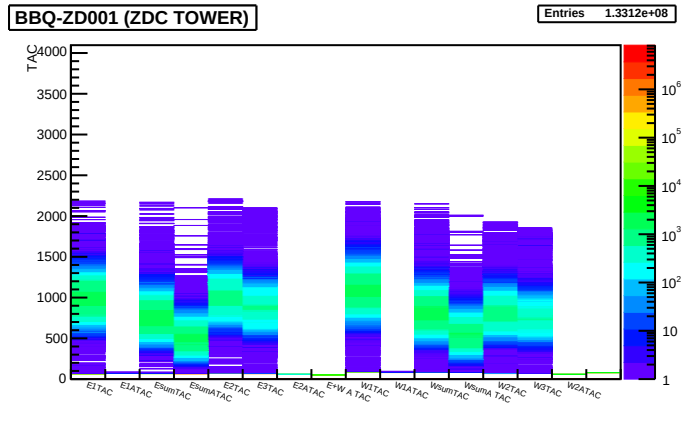

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.3312e+08
ADC
QT Input Channel

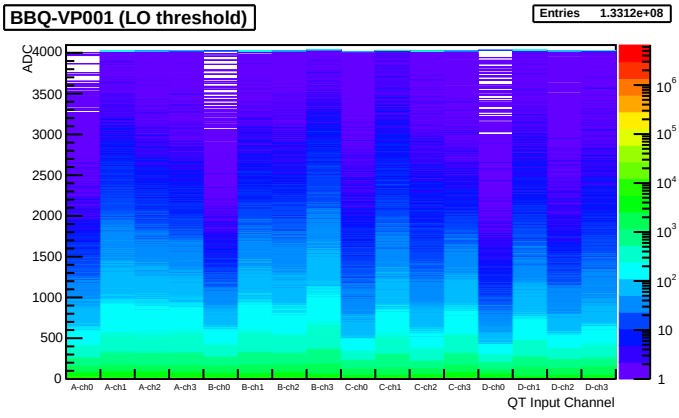

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.3312e+08
TAC
QT Input Channel

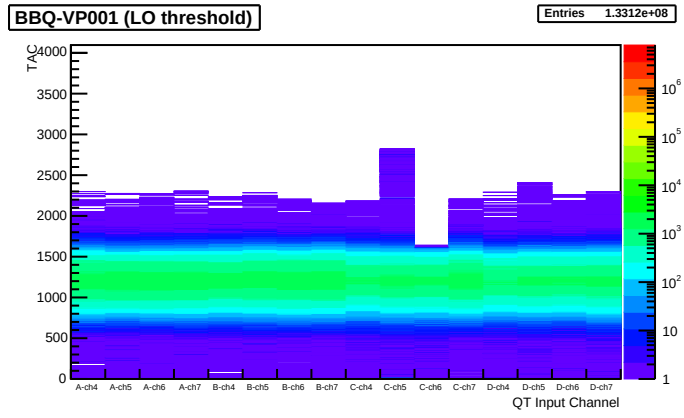

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.3312e+08
ADC
QT Input Channel

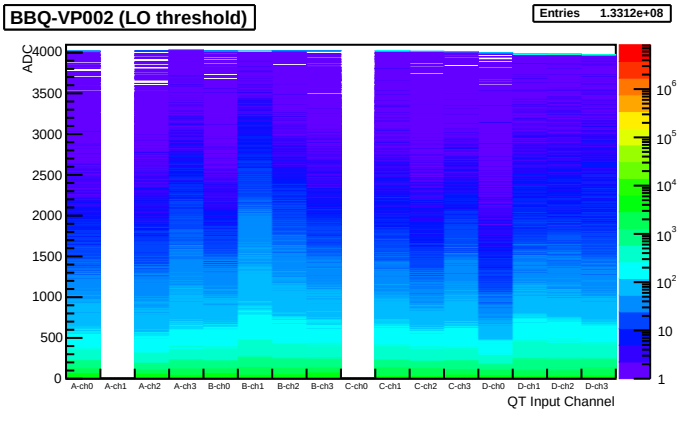

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.3312e+08
TAC
QT Input Channel

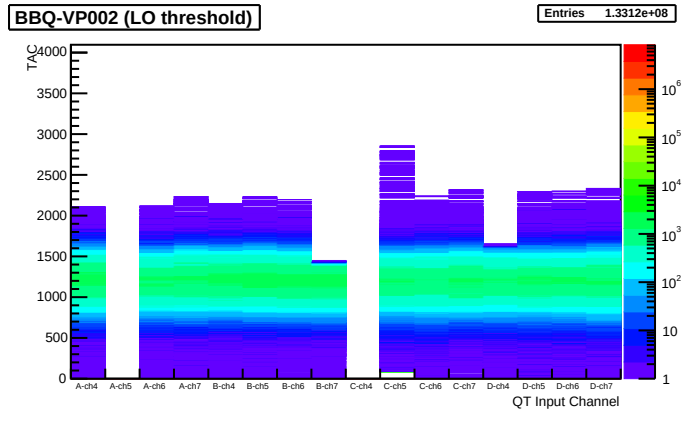

BBQ-ZD001 (ZDC TOWER)
Entries 1.3312e+08
ADC

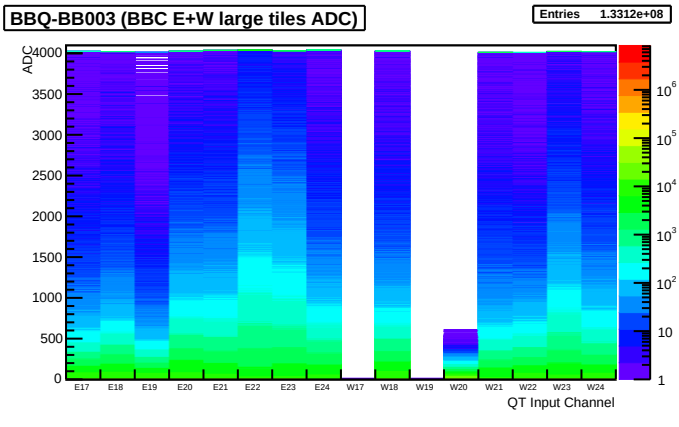

BBQ-ZD001 (ZDC TOWER)
Entries 1.3312e+08
TAC

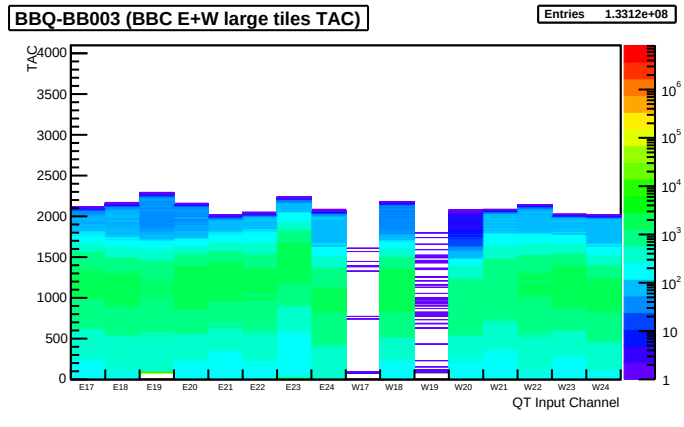

BBQ-VP001 (LO threshold)
Entries 1.3312e+08
ADC
QT Input Channel

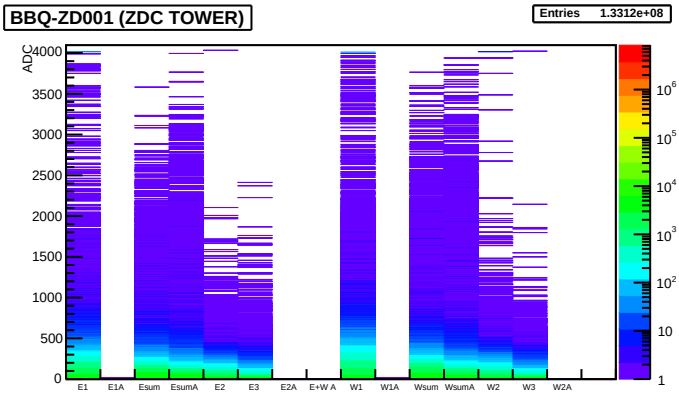

BBQ-VP001 (LO threshold)
Entries 1.3312e+08
TAC
QT Input Channel

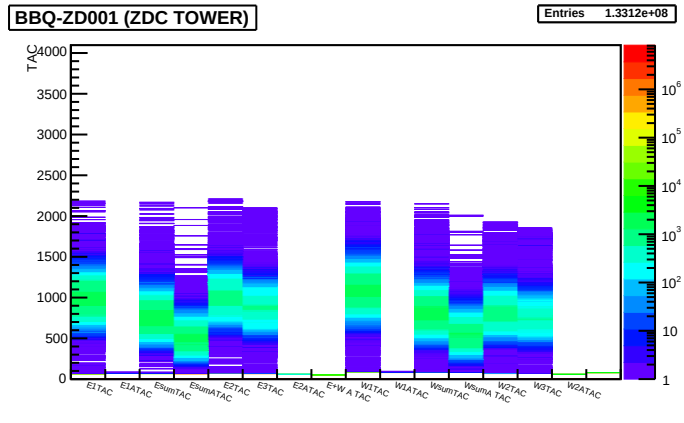

BBQ-VP002 (LO threshold)
Entries 1.3312e+08
ADC
QT Input Channel

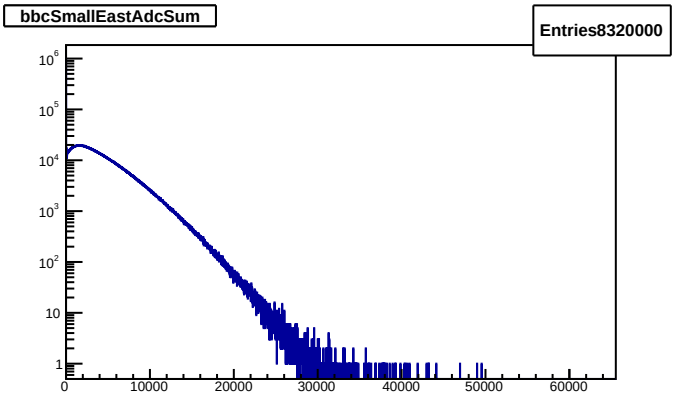

BBQ-VP002 (LO threshold)
Entries 1.3312e+08
TAC
QT Input Channel

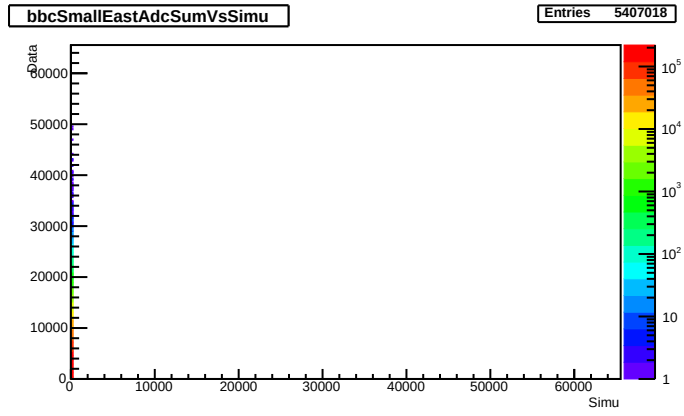

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.3312e+08
ADC
QT Input Channel

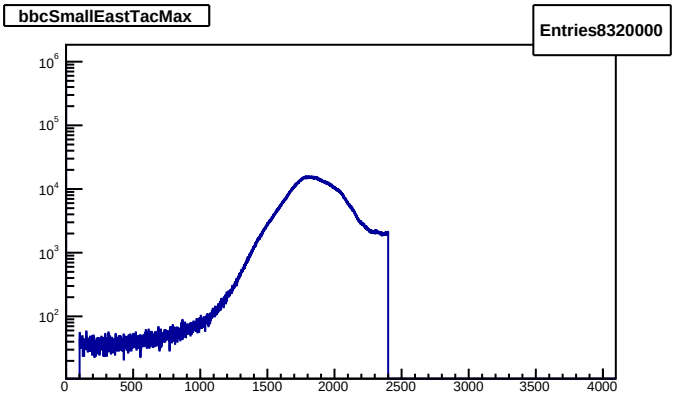

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.3312e+08
TAC
QT Input Channel

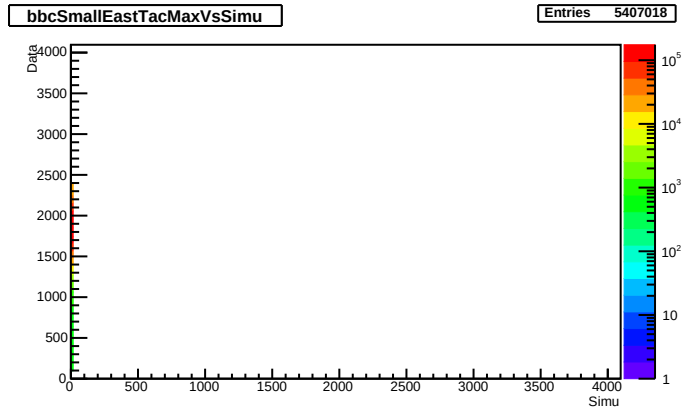

BBQ-ZD001 (ZDC TOWER)
Entries 1.3312e+08
ADC

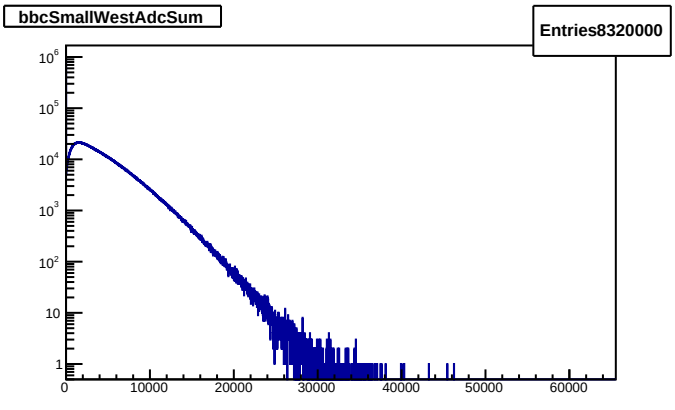

BBQ-ZD001 (ZDC TOWER)
Entries 1.3312e+08
TAC

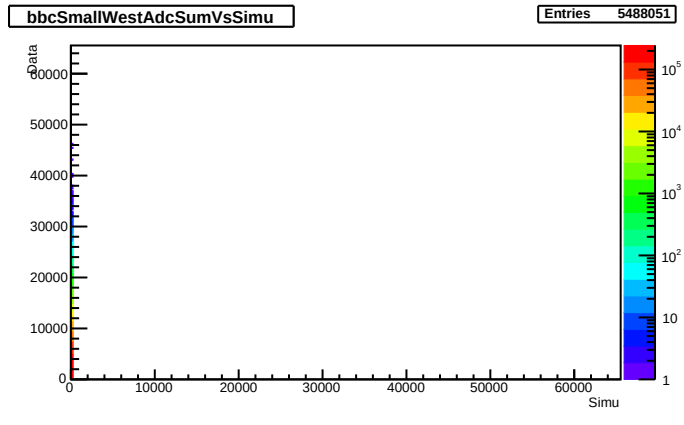

bbcSmallEastAdcSum
Entries8320000

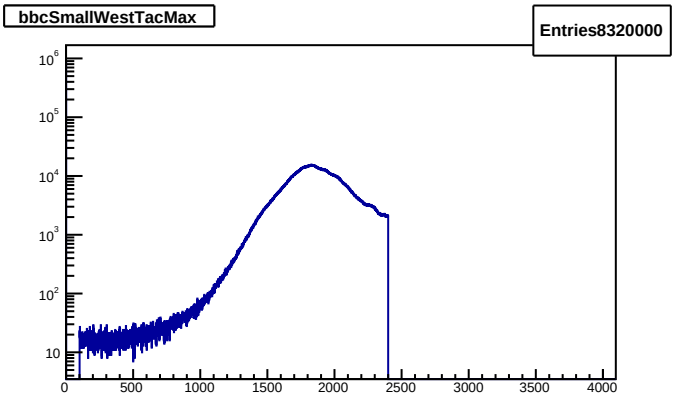

bbcSmallEastAdcSumVsSimu
Entries 5407018
Data
Simu

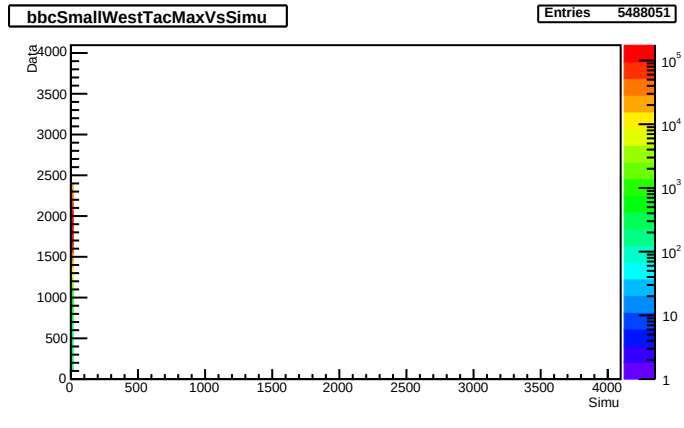

bbcSmallEastTacMax
Entries8320000

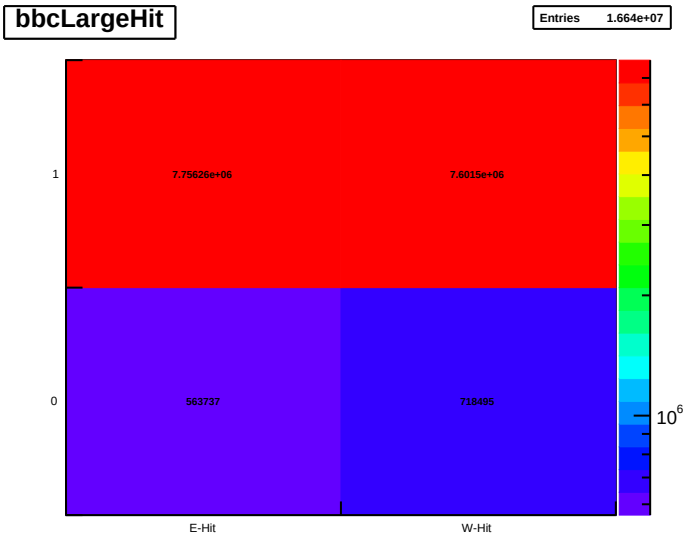

bbcSmallEastTacMaxVsSimu
Entries 5407018
Data
Simu

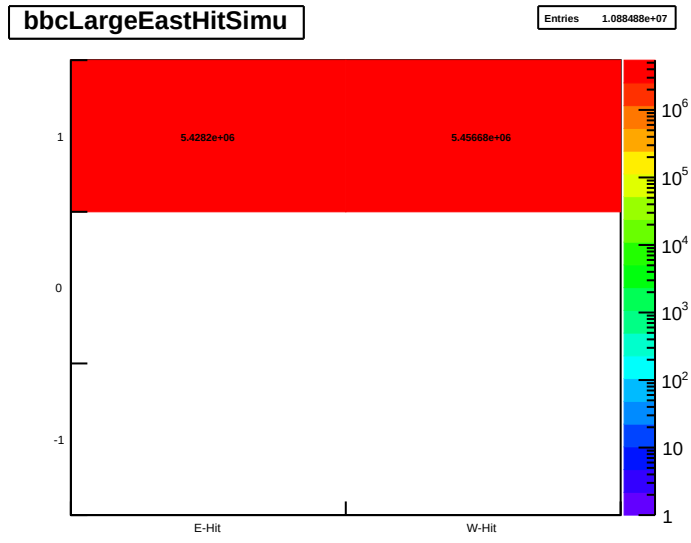

bbcSmallWestAdcSum
Entries8320000

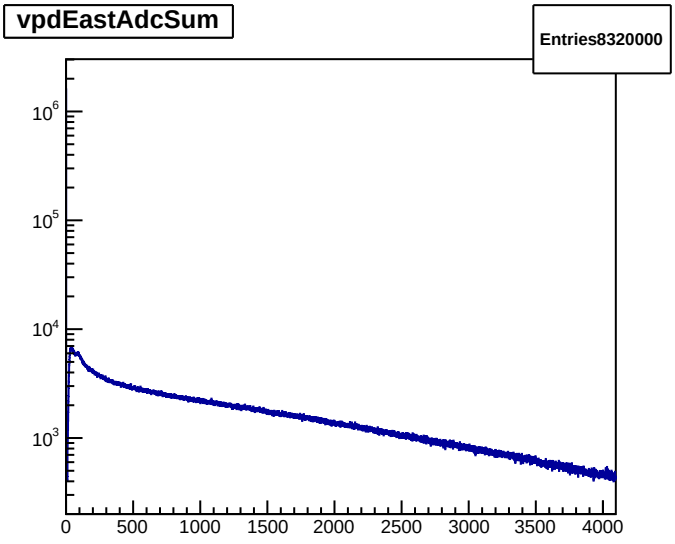

bbcSmallWestAdcSumVsSimu
Entries 5488051
Data
Simu

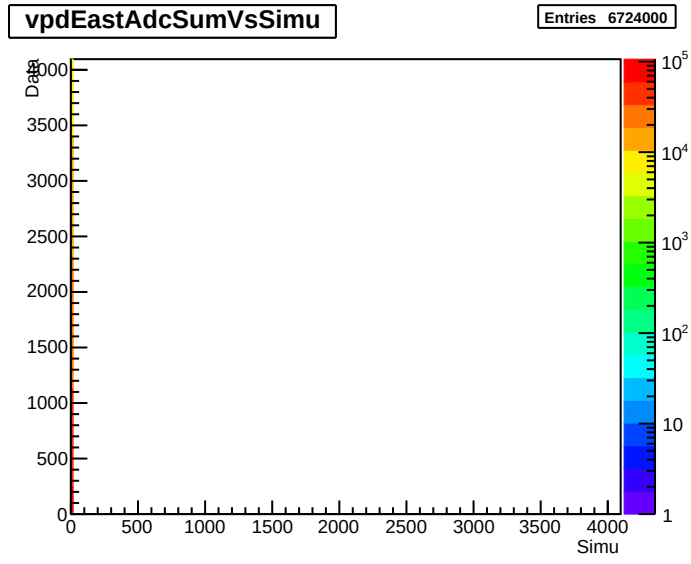

bbcSmallWestTacMax
Entries8320000

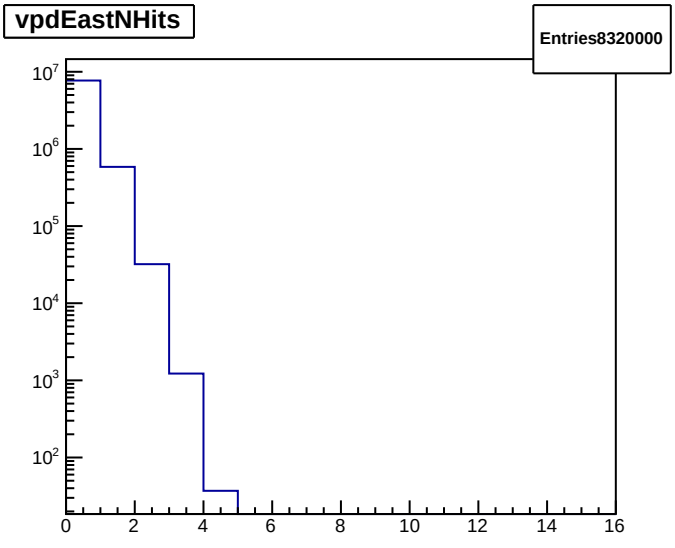

bbcSmallWestTacMaxVsSimu
Entries 5488051
Data
Simu

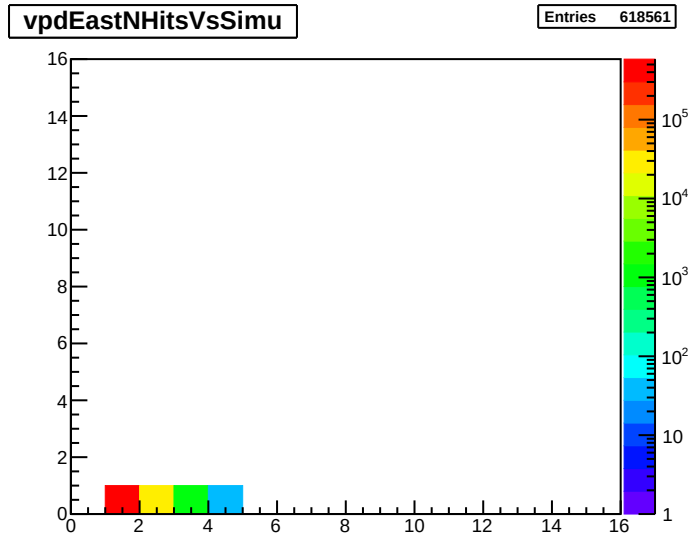

bbcLargeHit
Entries 1.664e+07
7.75626e+06
7.6015e+06
563737
718495
1
0
E-Hit
W-Hit
10^6

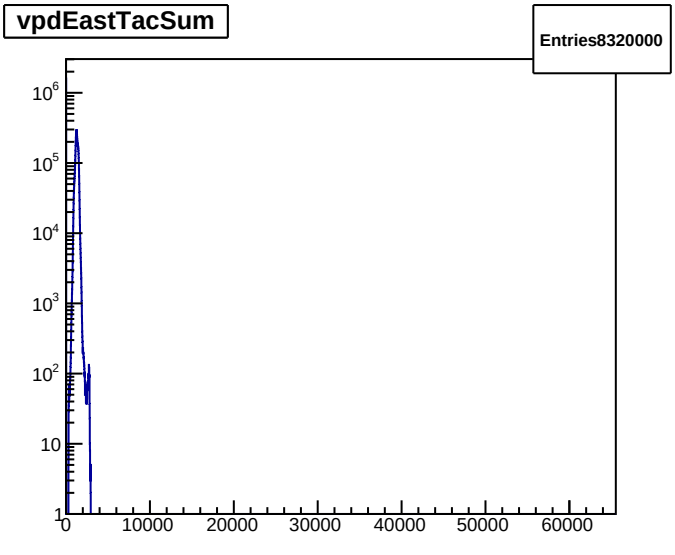

bbcLargeEastHitSimu
Entries 1.088488e+07
5.4282e+06
5.45668e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

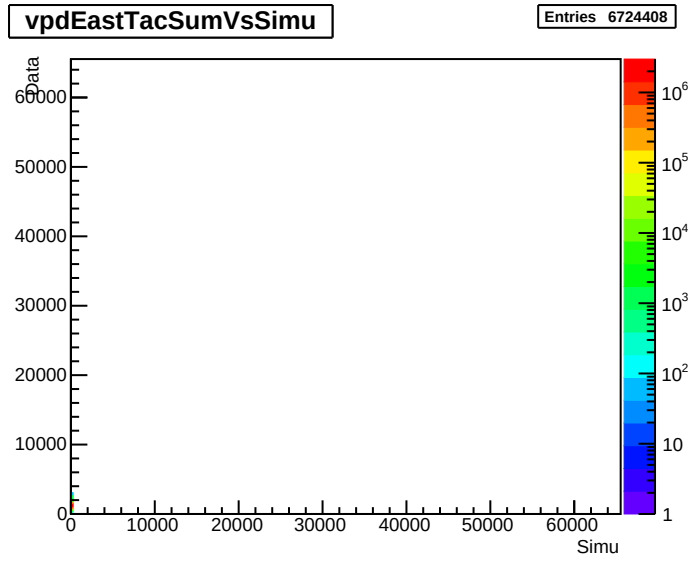

vpdEastAdcSum
Entries8320000

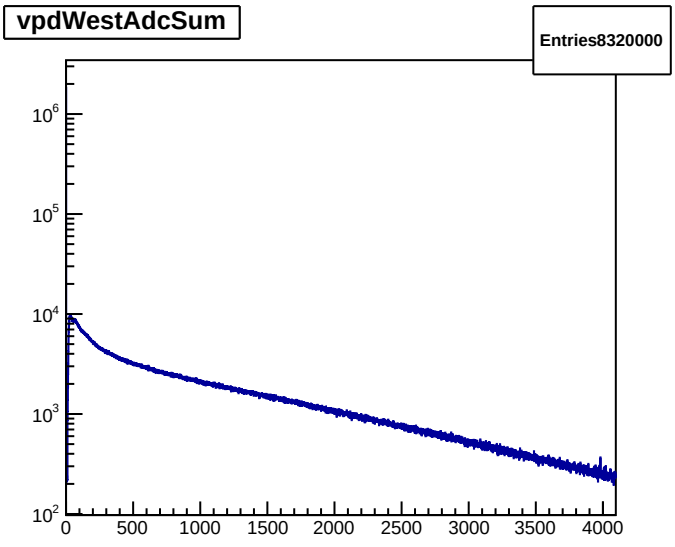

vpdEastAdcSumVsSimu
Entries 6724000
Data
Simu

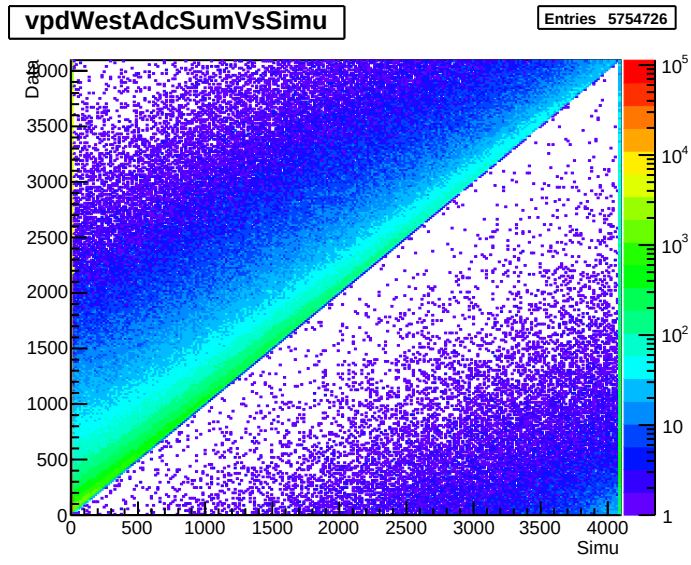

vpdEastNHits
Entries8320000

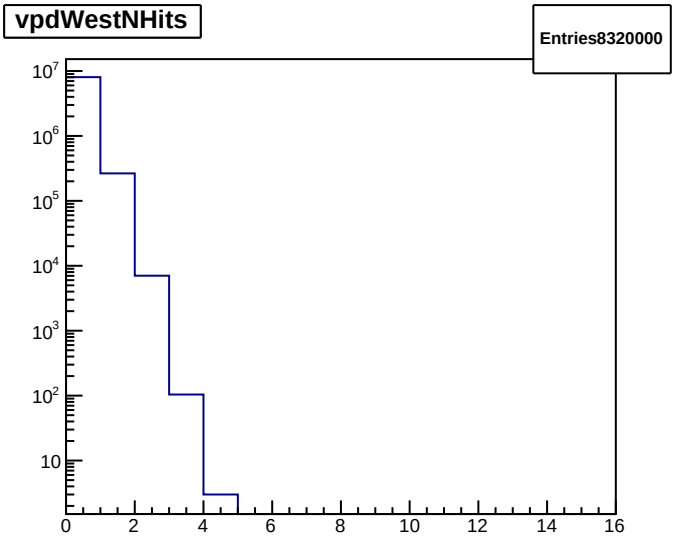

vpdEastNHitsVsSimu
Entries 618561

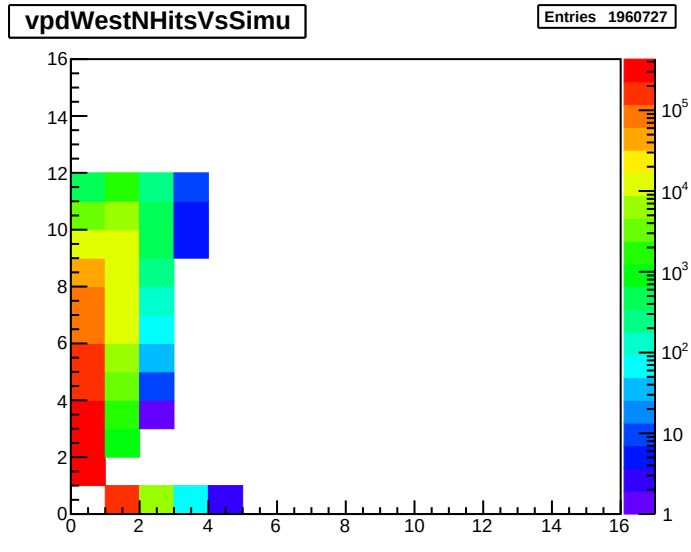

vpdEastTacSum
Entries8320000

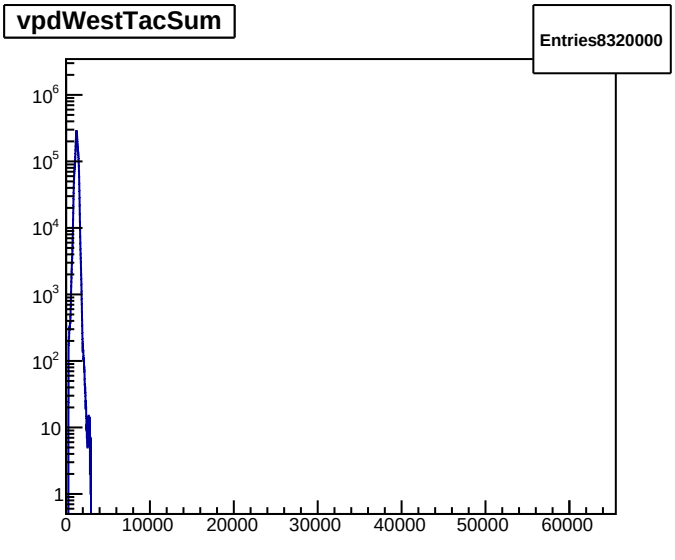

vpdEastTacSumVsSimu
Entries 6724408
Data
Simu

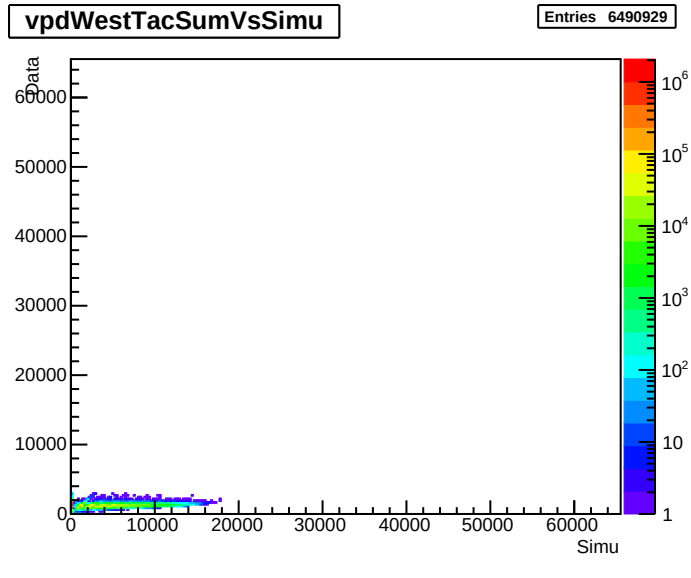

vpdWestAdcSum
Entries8320000

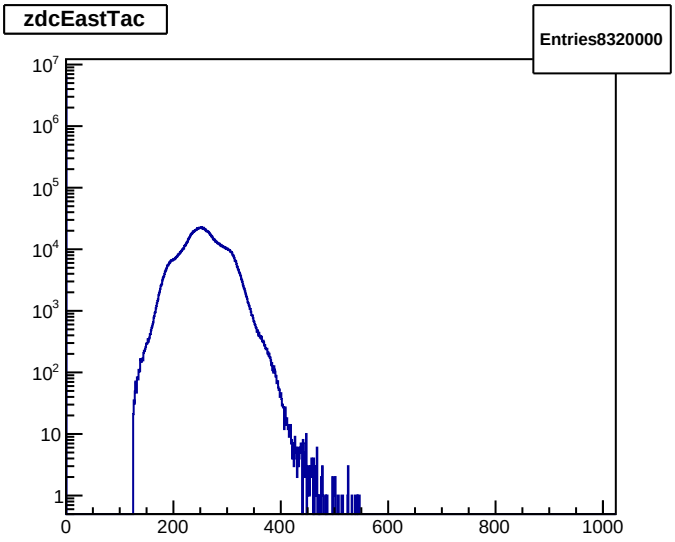

vpdWestAdcSumVsSimu
Entries 5754726
Data
Simu

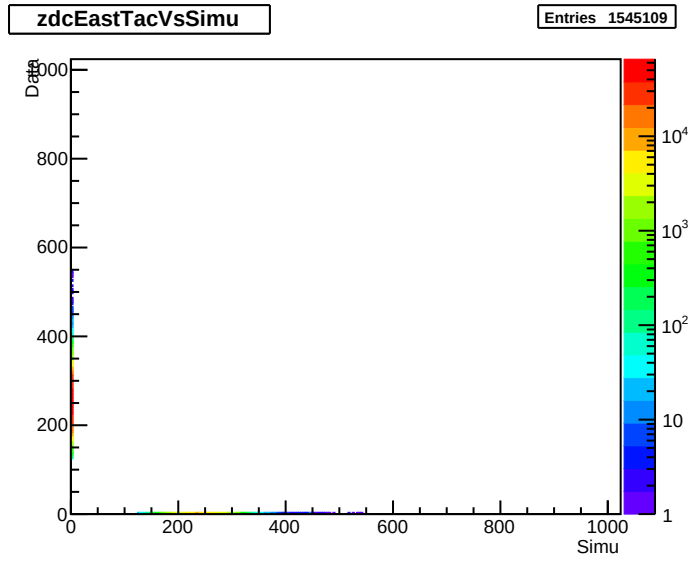

vpdWestNHits
Entries8320000

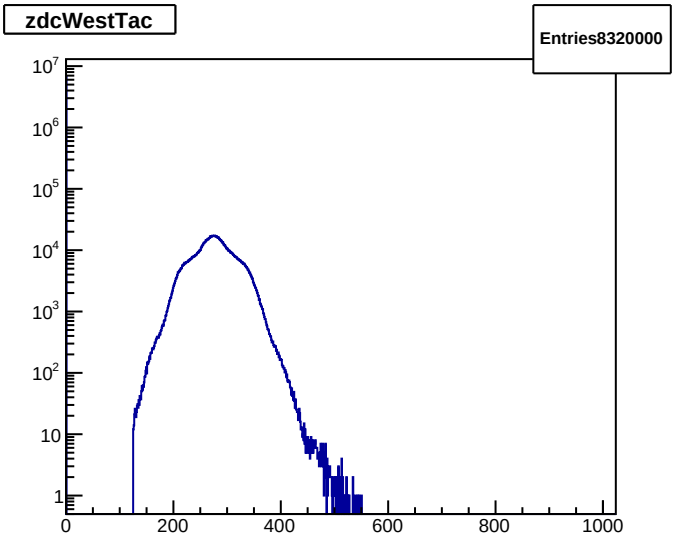

vpdWestNHitsVsSimu
Entries 1960727

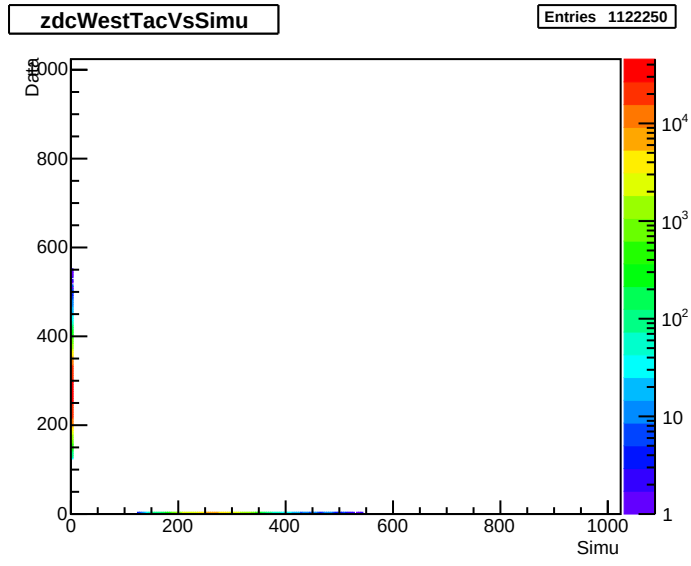

vpdWestTacSum
Entries8320000

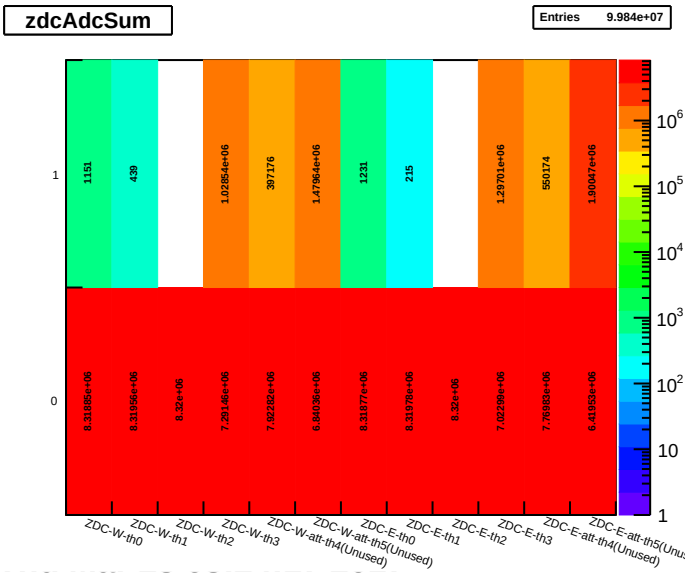

vpdWestTacSumVsSimu
Entries 6490929
Data
Simu

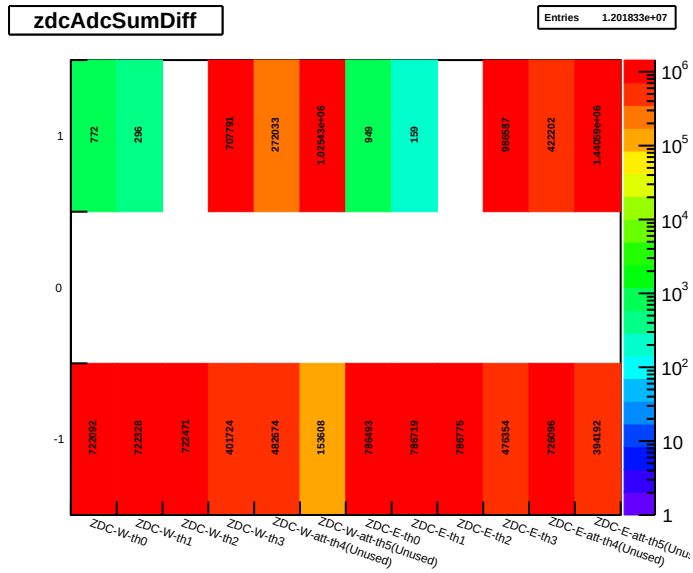

zdcEastTac
Entries8320000

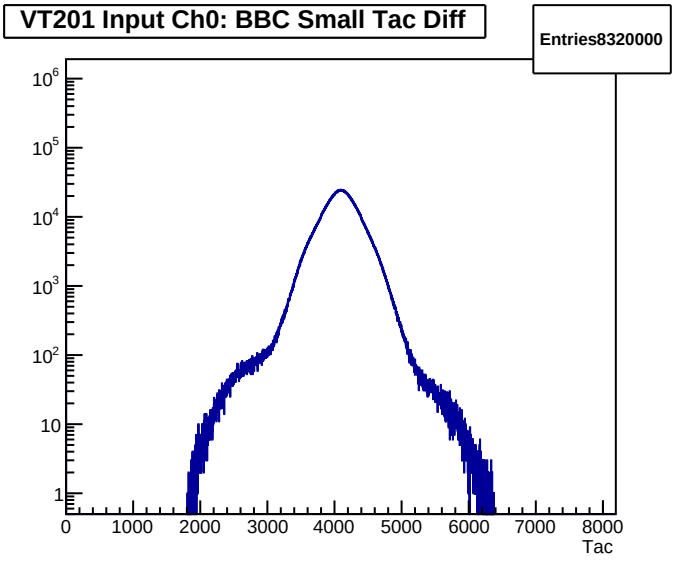

zdcEastTacVsSimu
Entries 1545109
Data
Simu

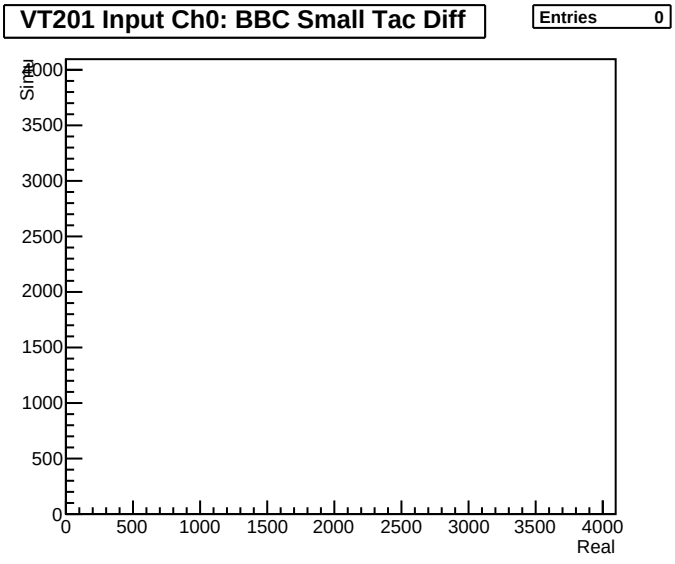

zdcWestTac
Entries8320000

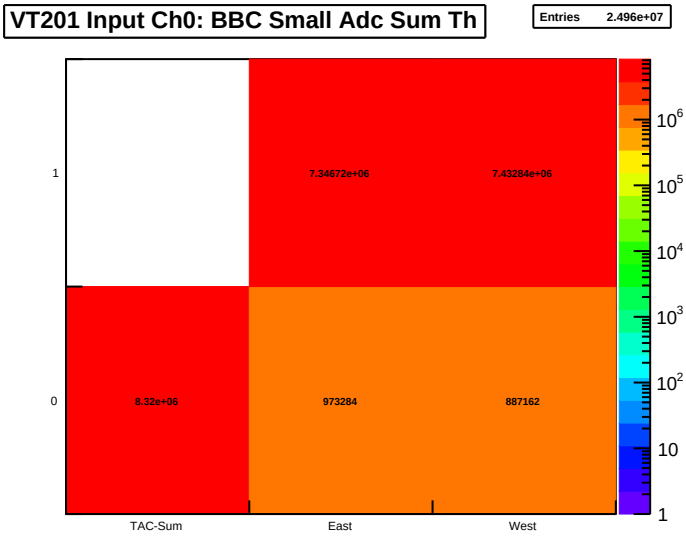

zdcWestTacVsSimu
Entries 1122250
Data
Simu

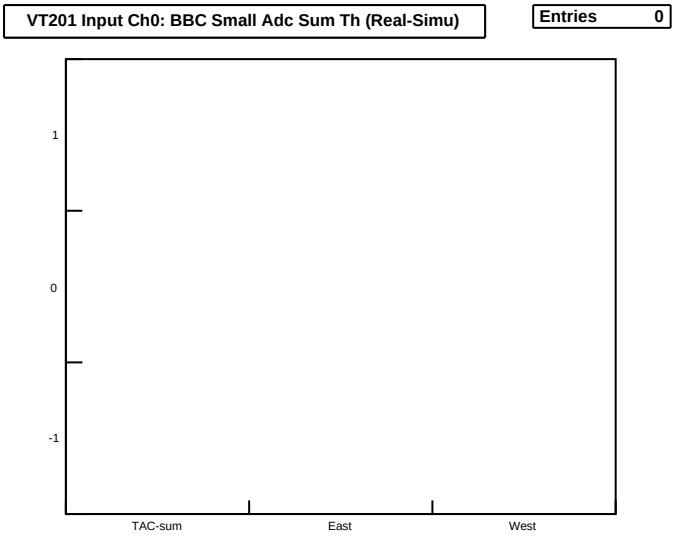

zdcAdcSum
Entries 9.984e+07
1151
439
1.02854e+06
397176
1.47964e+06
1231
215
1.29701e+06
550174
1.90047e+06
8.31885e+06
8.31956e+06
8.32e+06
7.29146e+06
7.92282e+06
6.84036e+06
8.31977e+06
8.31978e+06
8.32e+06
7.02298e+06
7.76983e+06
6.41953e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

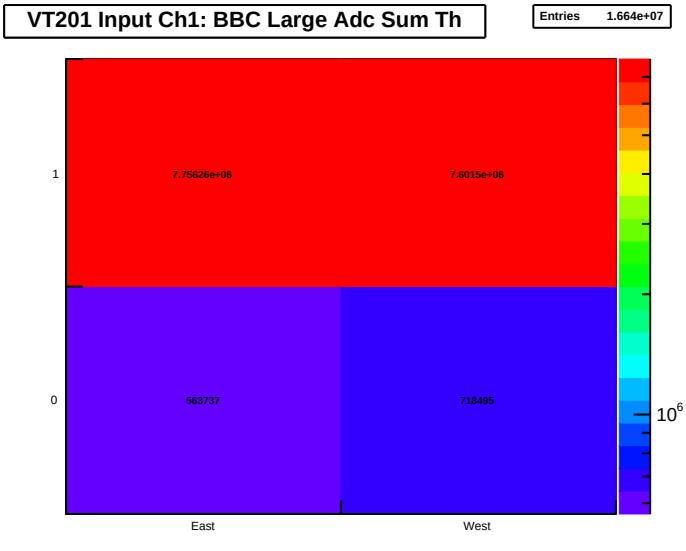

zdcAdcSumDiff
Entries 1.201833e+07
772
296
707791
272033
1.02543e+06
949
159
986587
422202
1.44059e+06
722092
722328
722471
401724
482874
153608
785493
785719
785775
476354
726096
394192
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

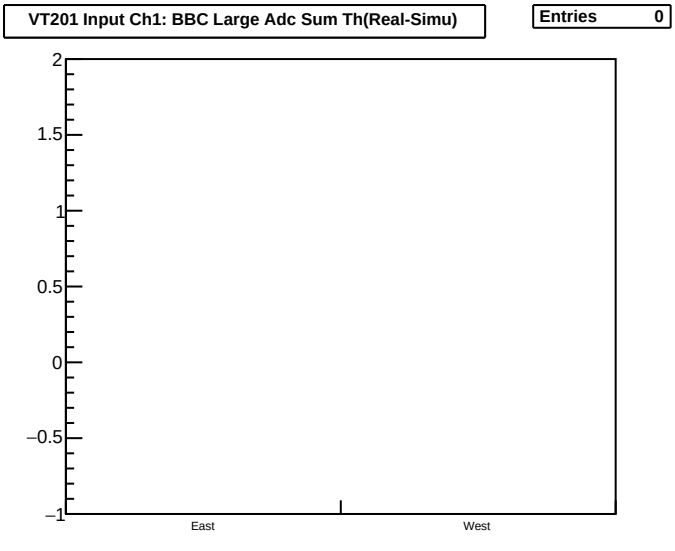

VT201 Input Ch0: BBC Small Tac Diff
Entries8320000
Tac


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

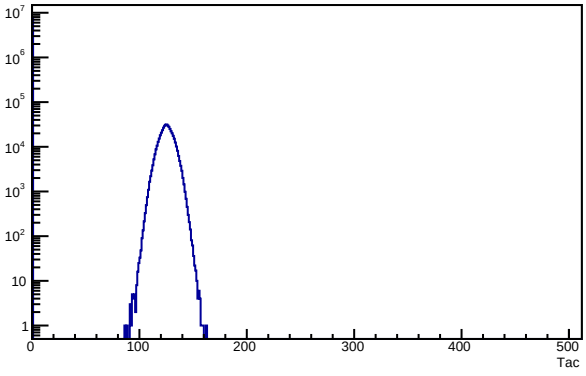

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.496e+07
7.34672e+06
7.43284e+06
8.32e+06
973284
887162
TAC-Sum
East
West


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

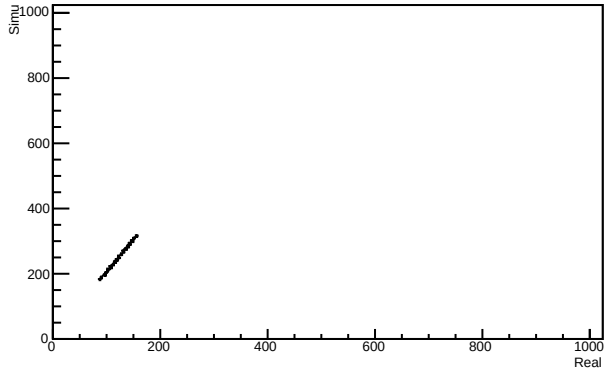

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.664e+07
7.75626e+06
7.6015e+06
563737
718495
East
West


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

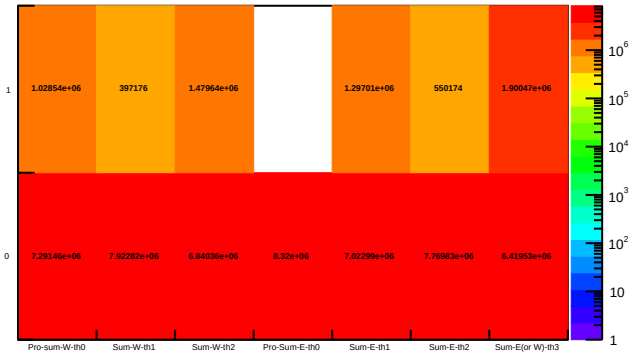
VT201 Input Ch2: ZDC Tac Diff



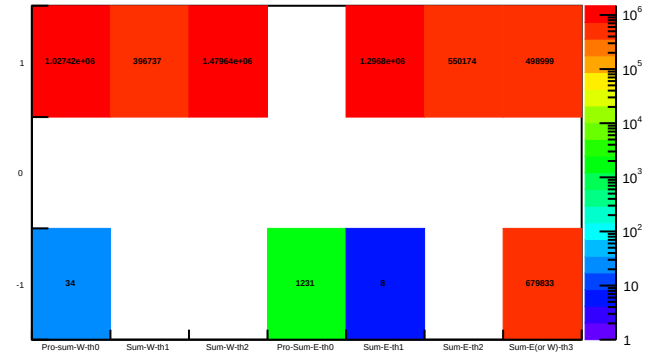
VT201 Input Ch2: ZDC Tac Diff



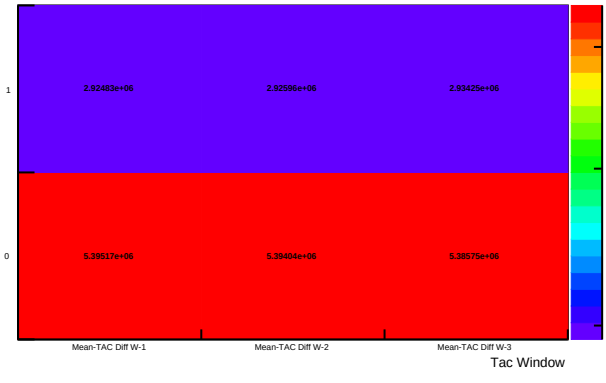
VT201 Input Ch2: ZDC Adc Sum Th



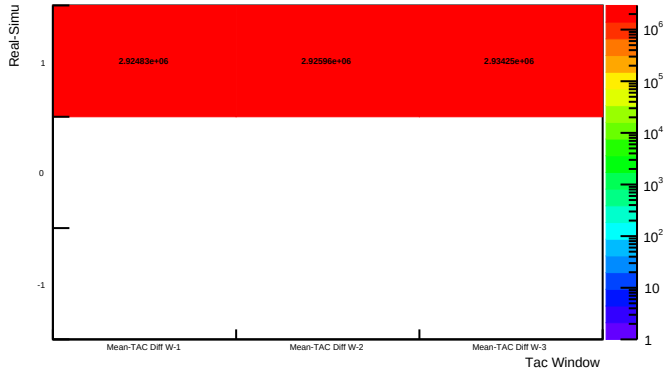
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



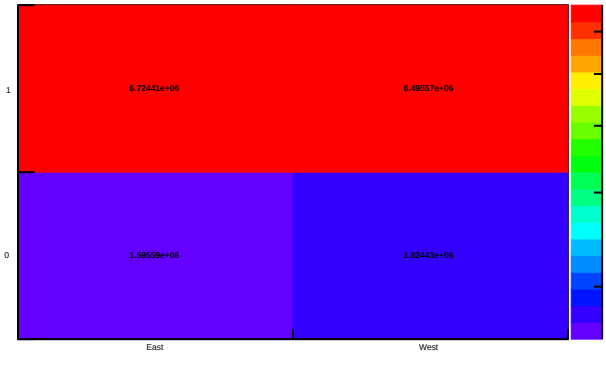
VT201 Input Ch4: VPD Tac Diff



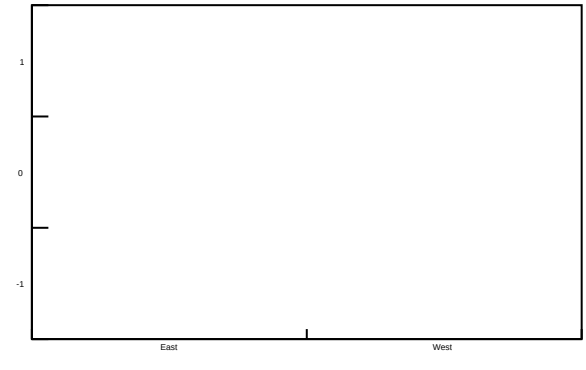
VT201 Input Ch4: VPD Tac Diff

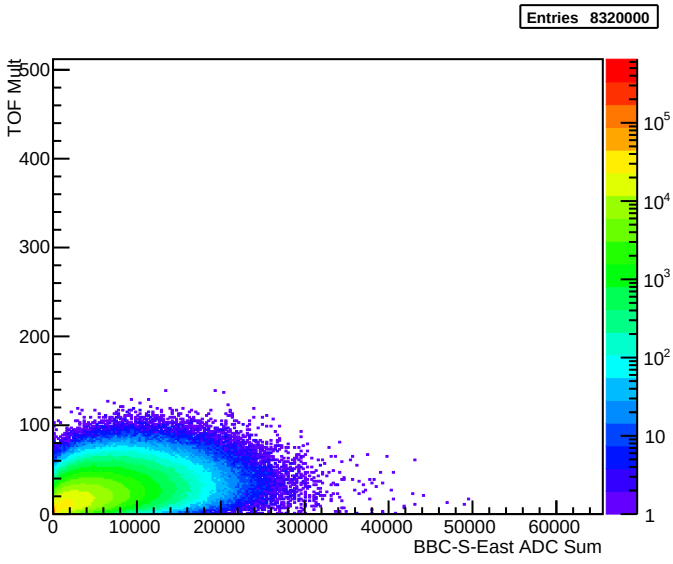


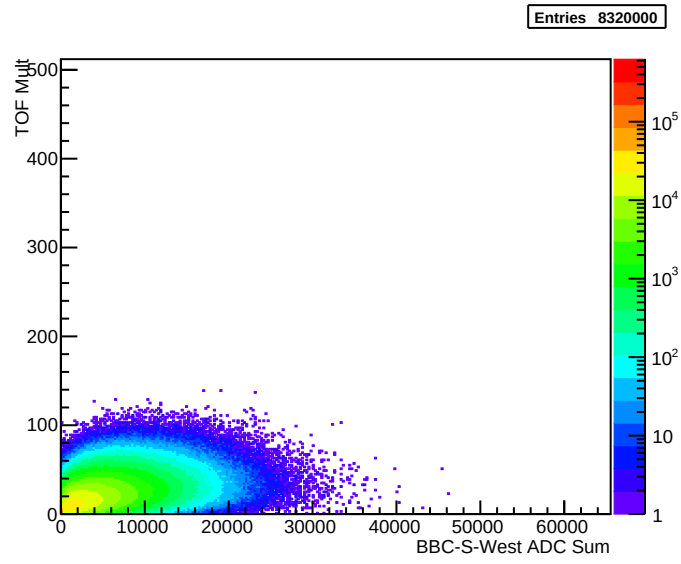
VT201 Input Ch4: VPD Adc Sum Th

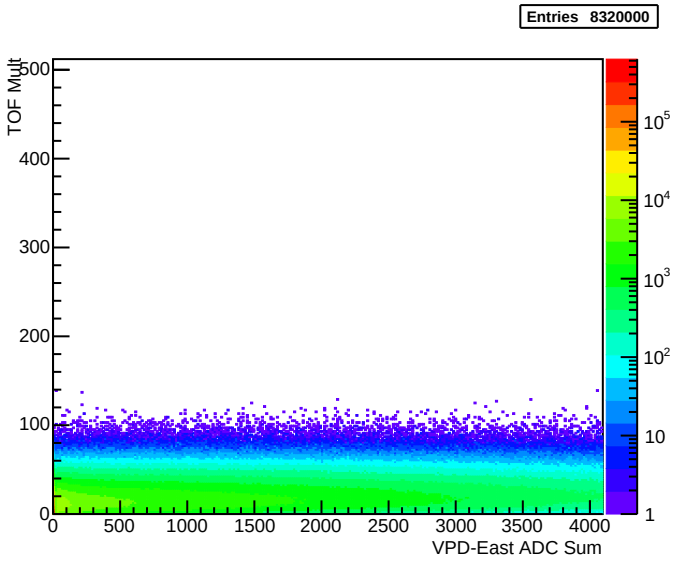


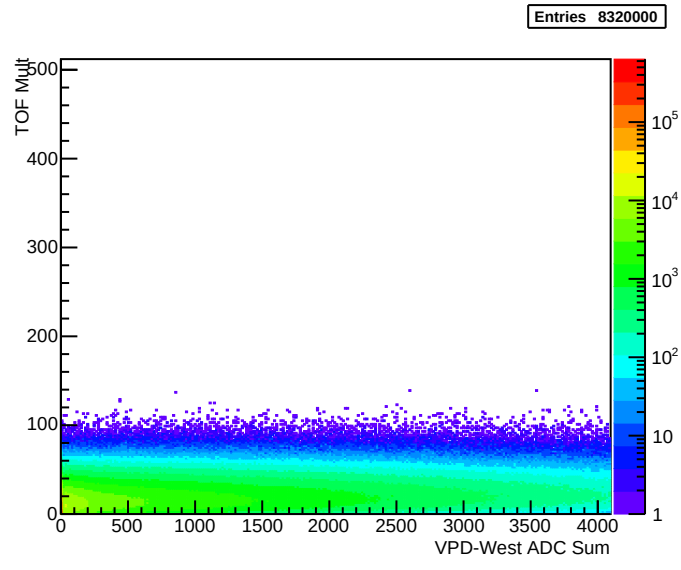
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

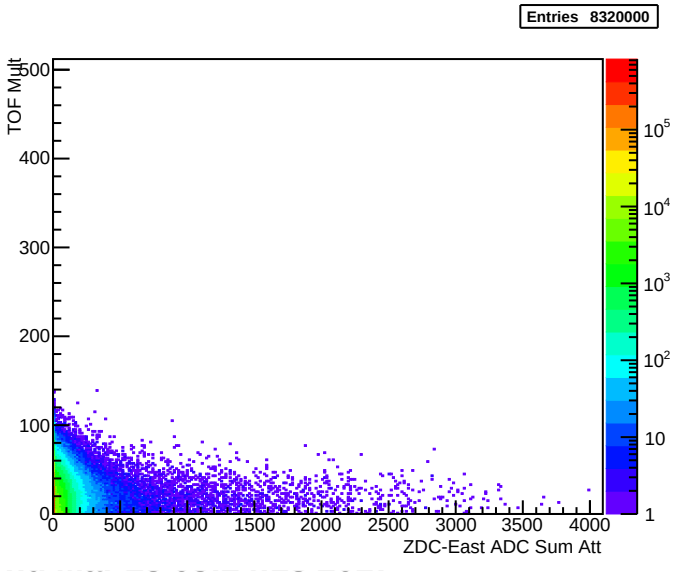


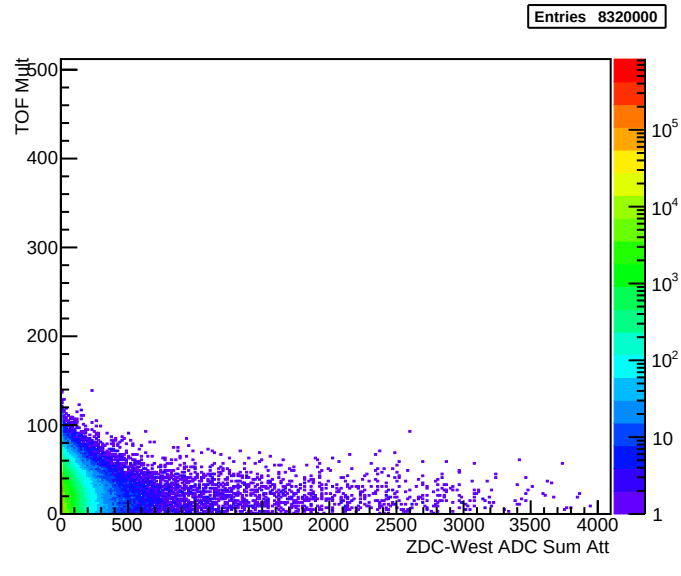

Entries 8320000
TOF Mult
BBC-S-East ADC Sum

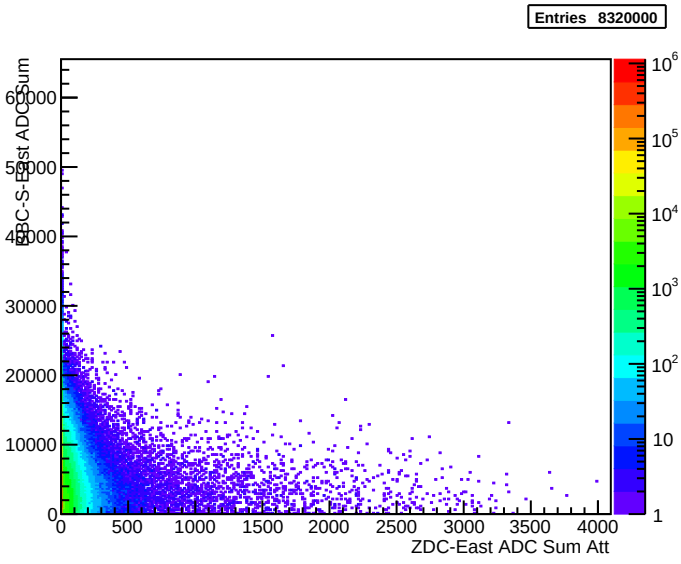

Entries 8320000
TOF Mult
BBC-S-West ADC Sum

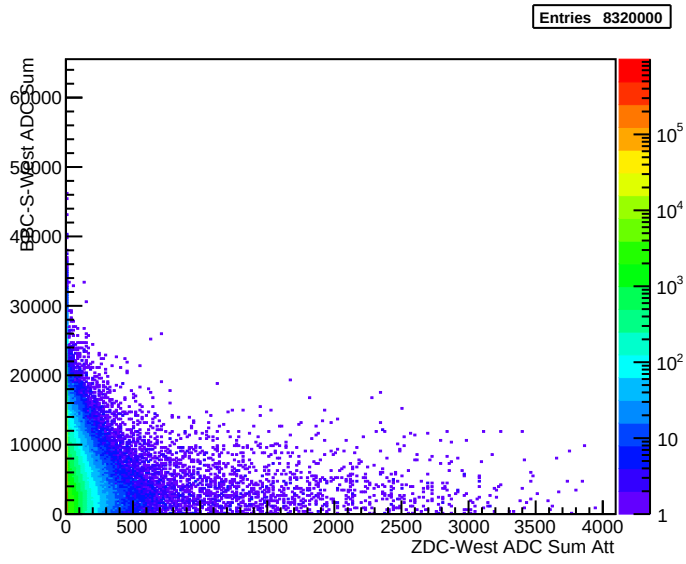

Entries 8320000
TOF Mult
VPD-East ADC Sum

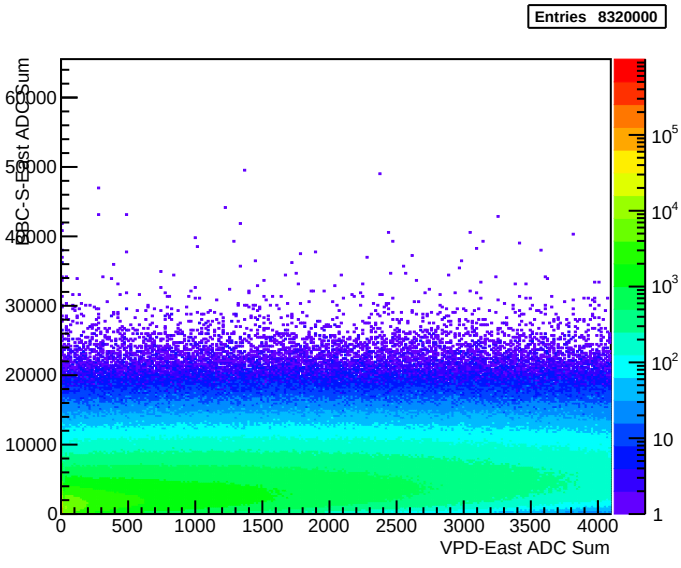

Entries 8320000
TOF Mult
VPD-West ADC Sum

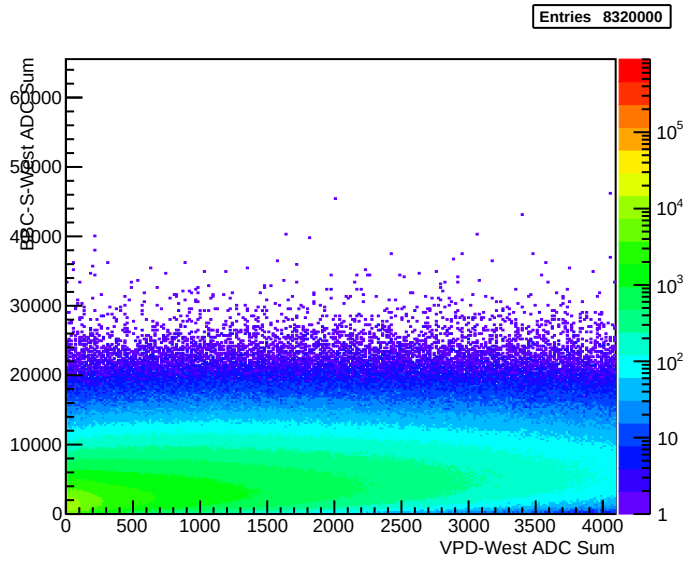

Entries 8320000
TOF Mult
ZDC-East ADC Sum Att

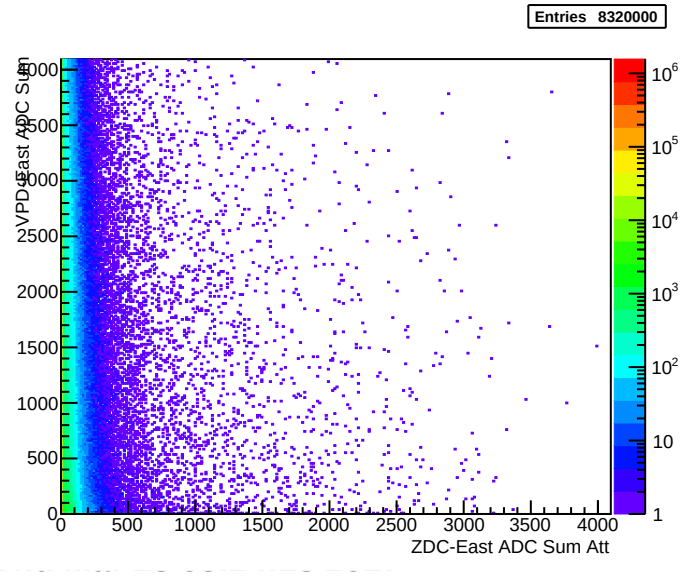

Entries 8320000
TOF Mult
ZDC-West ADC Sum Att

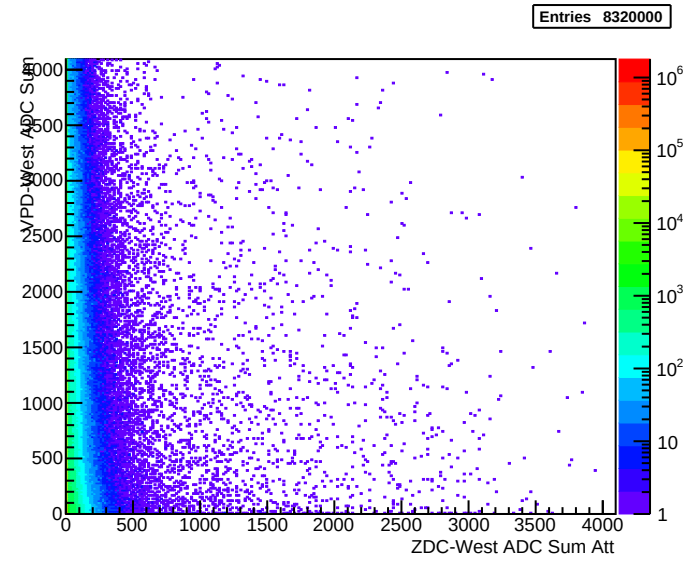

Entries 8320000
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

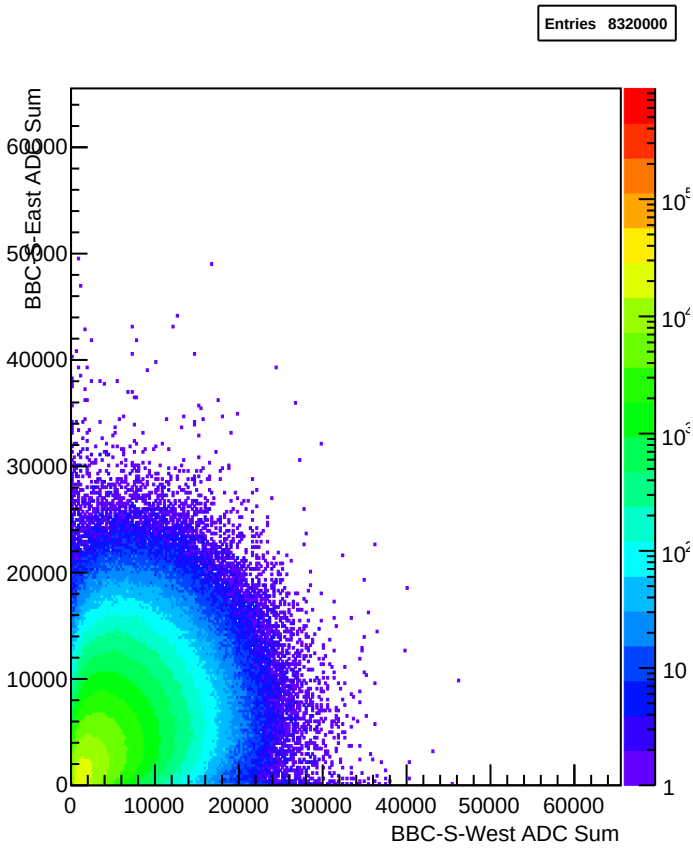

Entries 8320000
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

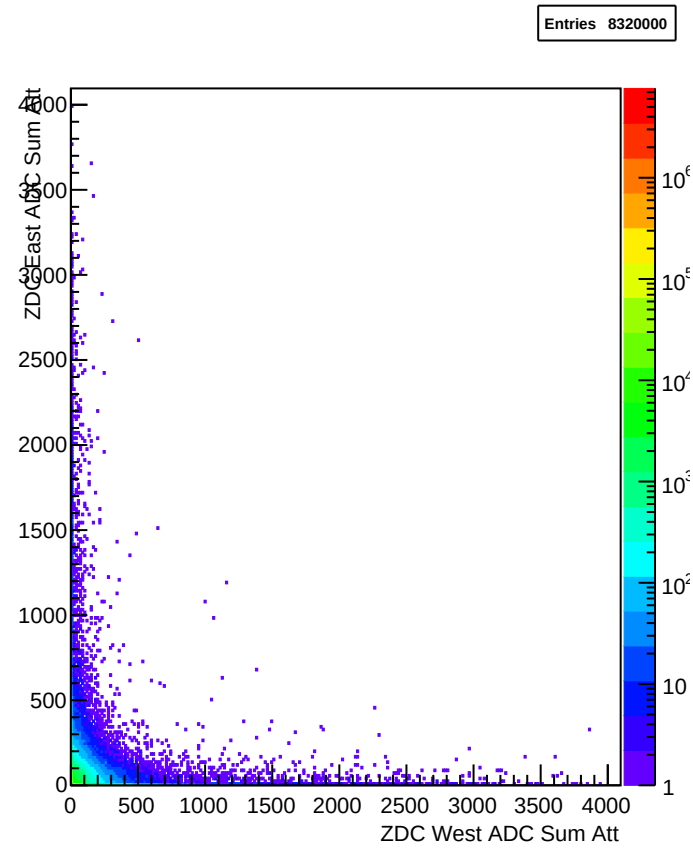

Entries 8320000
BBC-S-East ADC Sum
VPD-East ADC Sum

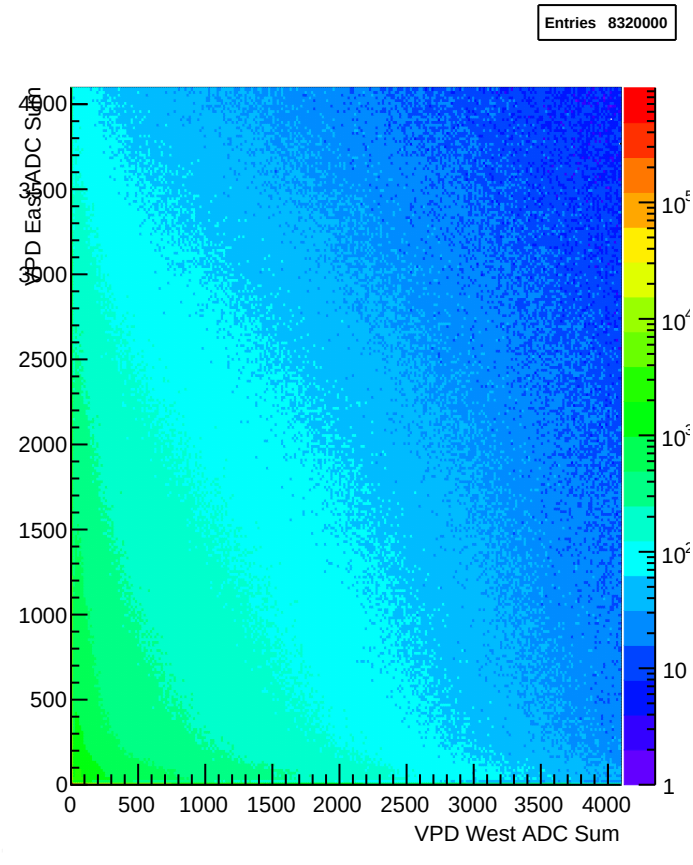

Entries 8320000
BBC-S-West ADC Sum
VPD-West ADC Sum

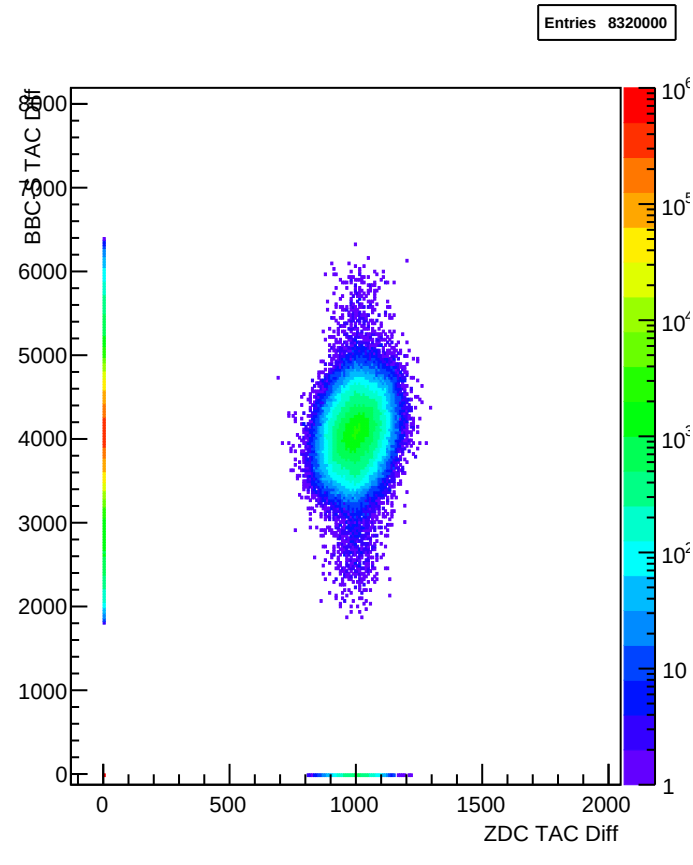

Entries 8320000
VPD-East ADC Sum
ZDC-East ADC Sum Att

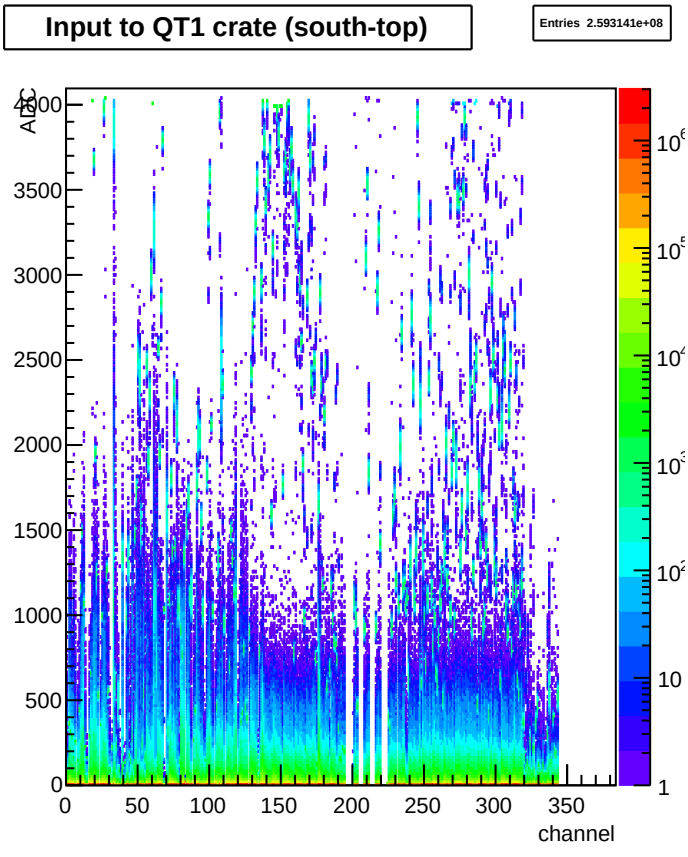

Entries 8320000
VPD-West ADC Sum
ZDC-West ADC Sum Att

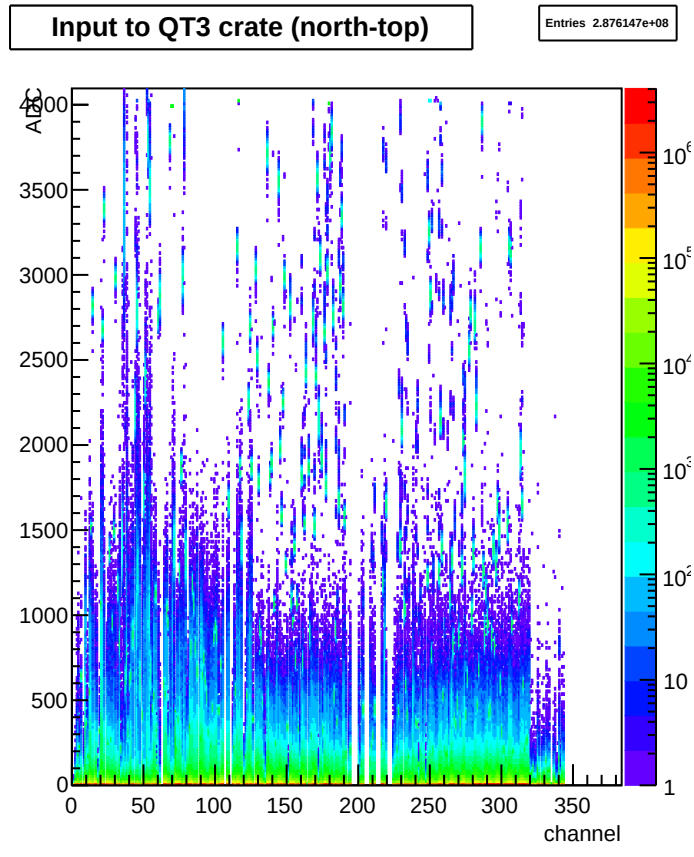

Entries 8320000
BBC-S-East ADC Sum
BBC-S-West ADC Sum

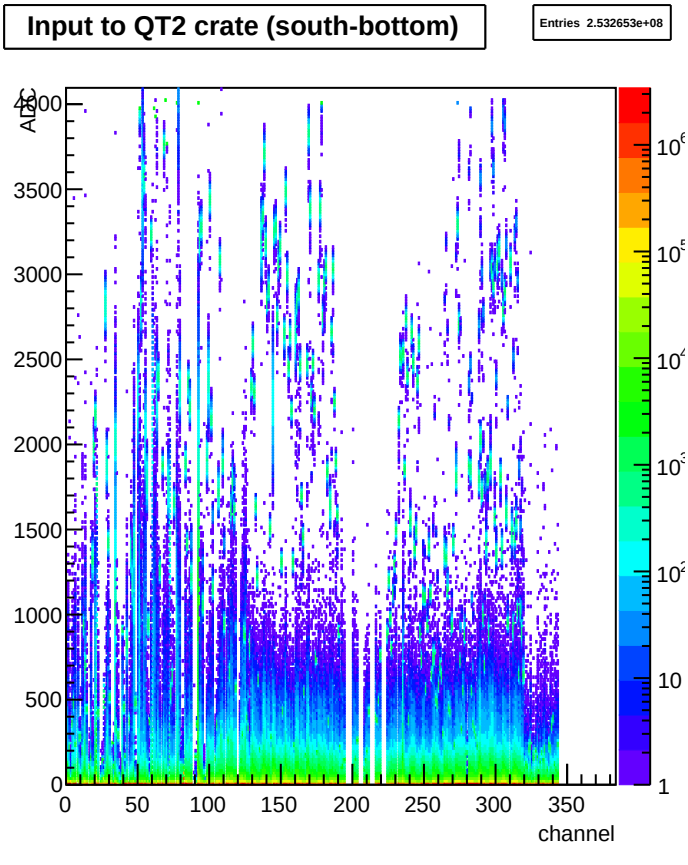

Entries 8320000
ZDC East ADC Sum Att
ZDC West ADC Sum Att

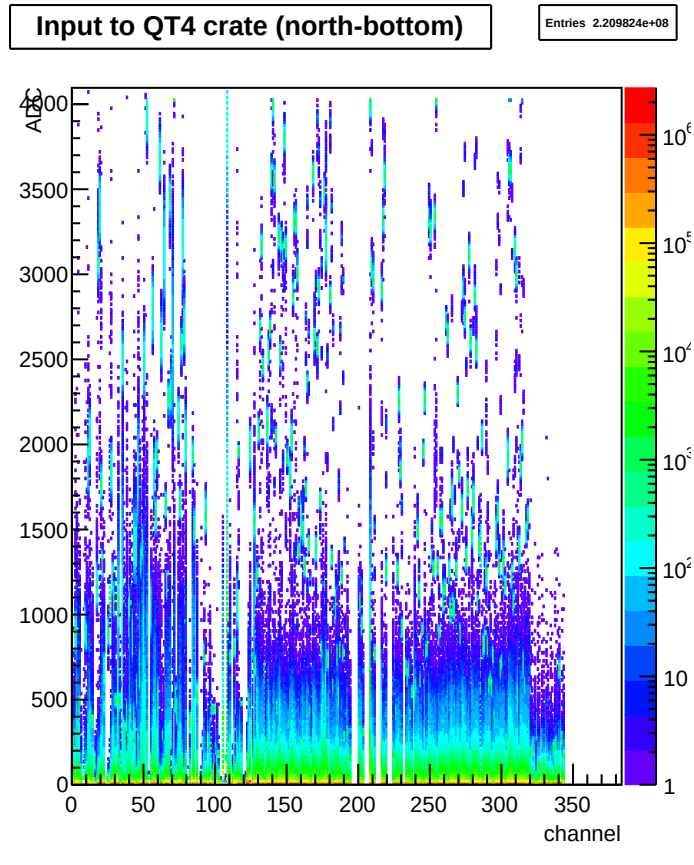

Entries 8320000
VPD East ADC Sum
VPD West ADC Sum

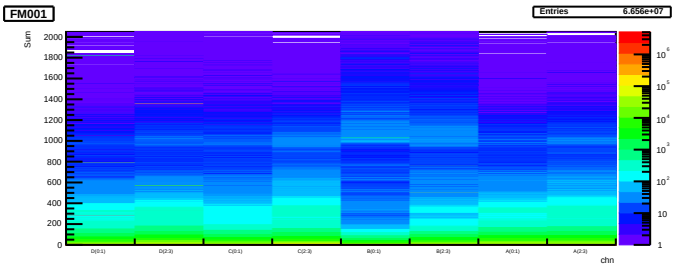

Entries 8320000
BBC-S TAC Diff
ZDC TAC Diff

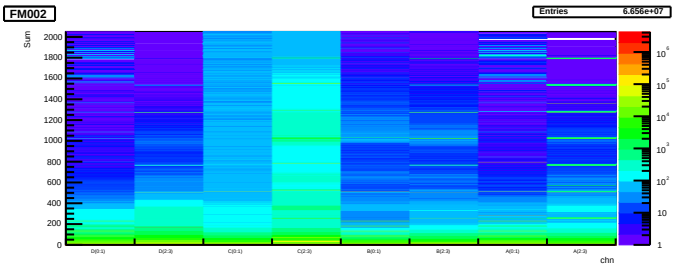

Input to QT1 crate (south-top)
Entries 2.593141e+08
ADC
channel

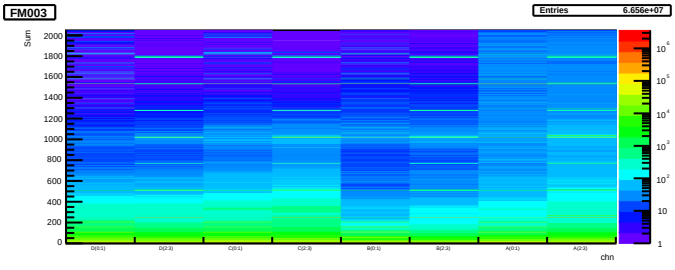

Input to QT3 crate (north-top)
Entries 2.876147e+08
ADC
channel

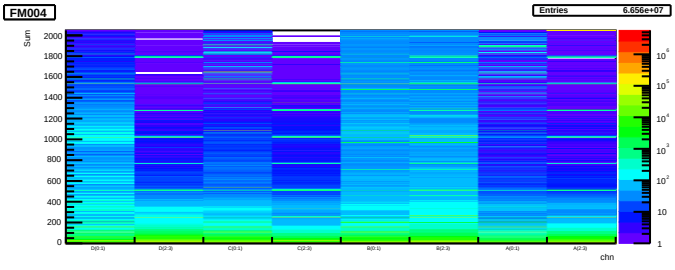

Input to QT2 crate (south-bottom)
Entries 2.532653e+08
ADC
channel

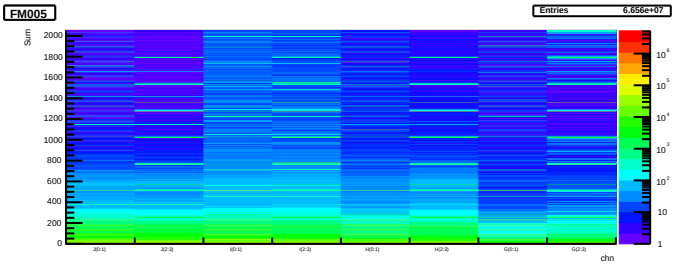

Input to QT4 crate (north-bottom)
Entries 2.209824e+08
ADC
channel

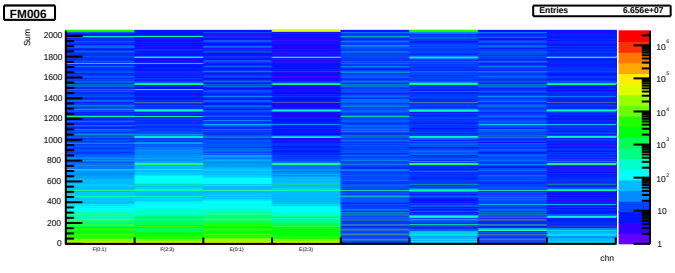

FM001
Entries 6.656e+07
Sum
chn

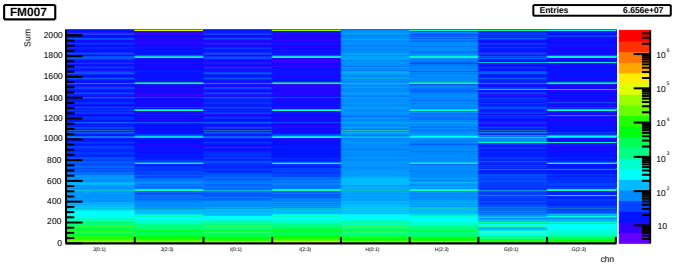

FM002
Entries 6.656e+07
Sum
chn

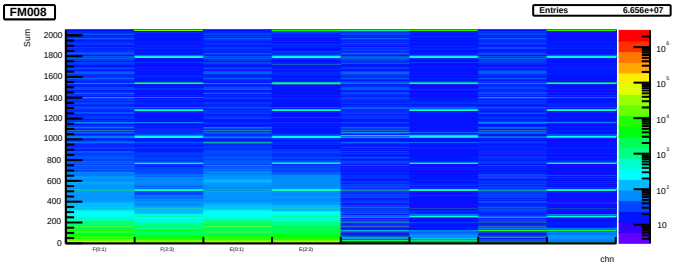

FM003
Entries 6.656e+07
Sum
chn

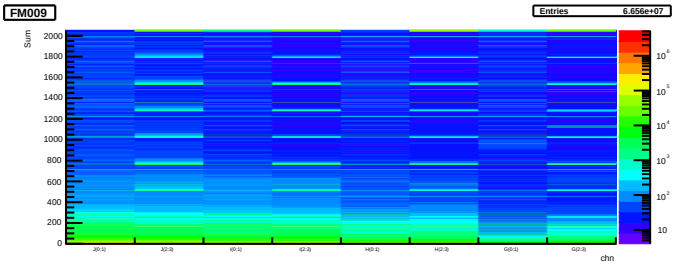

FM004
Entries 6.656e+07
Sum
chn

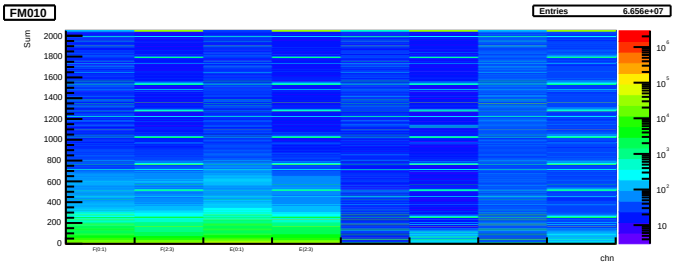

FM005
Entries 6.656e+07
Sum
chn

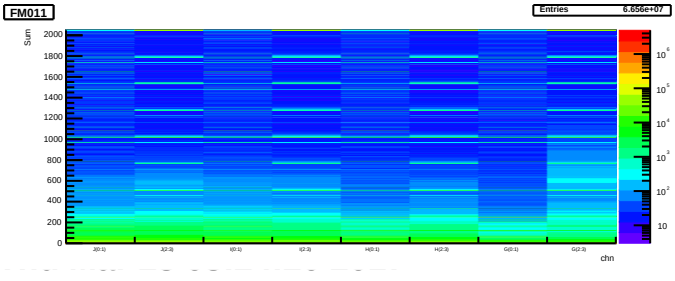

FM006
Entries 6.656e+07
Sum
chn

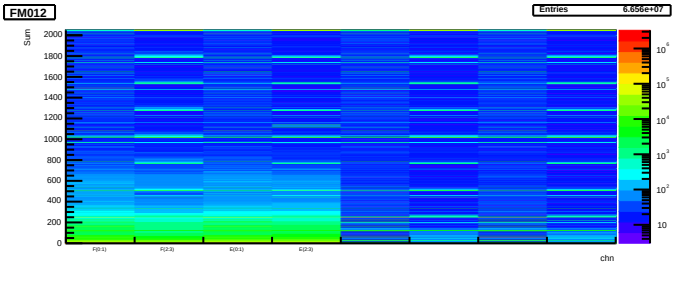

FM007
Entries 6.656e+07
Sum
chn

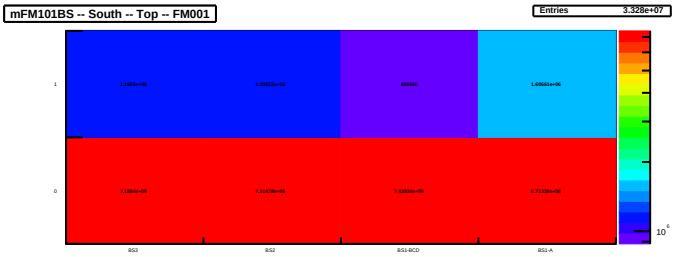

FM008
Entries 6.656e+07
Sum
chn

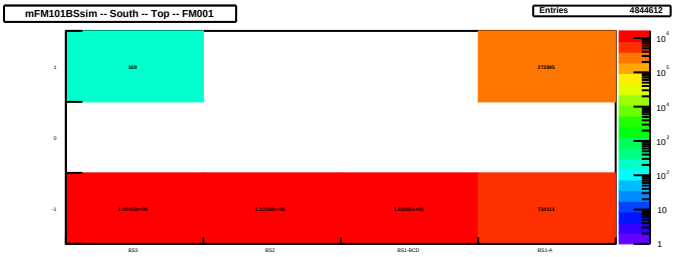

FM009
Entries 6.656e+07
Sum
chn

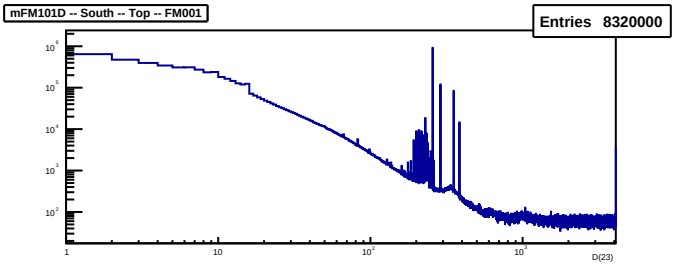

FM010
Entries 6.656e+07
Sum
chn

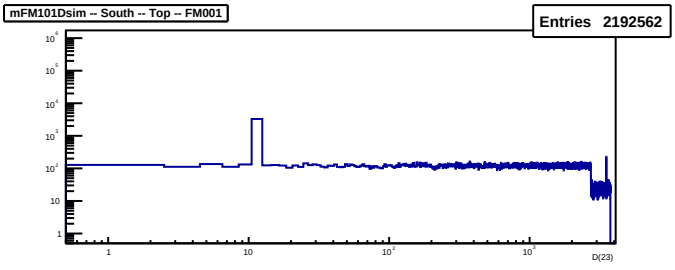

FM011
Entries 6.656e+07
Sum
chn

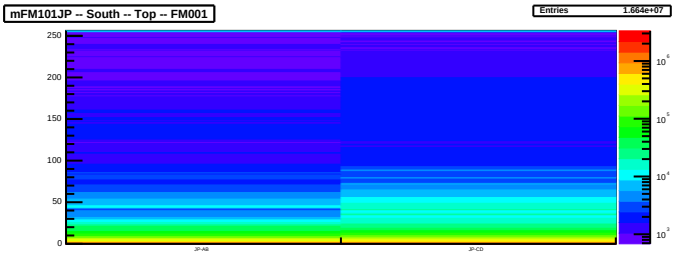

FM012
Entries 6.656e+07
Sum
chn

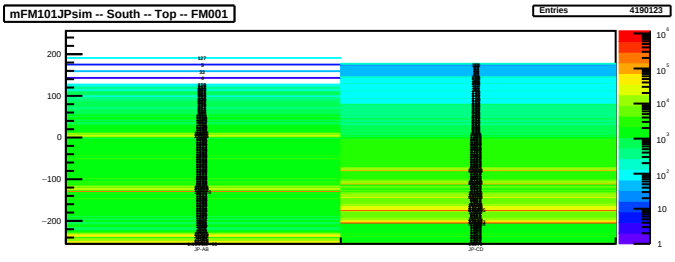

mFM101BS -- South -- Top -- FM001
Entries 3.328e+07

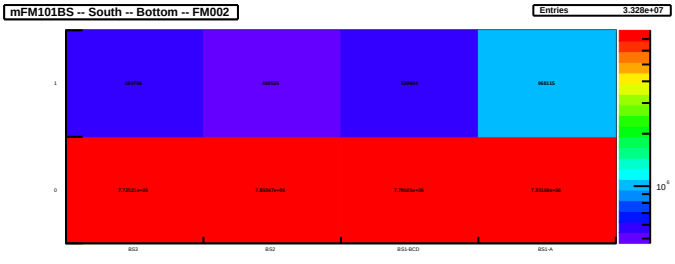

mFM101BSsim -- South -- Top -- FM001
Entries 4844612

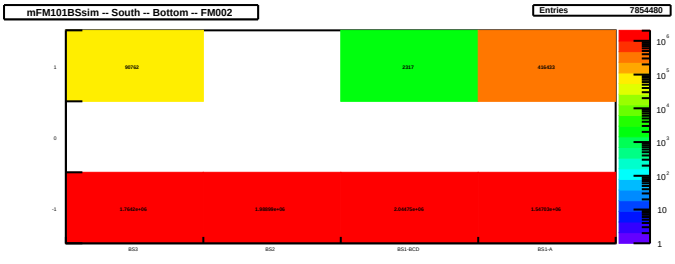

mFM101D -- South -- Top -- FM001
Entries 8320000
D(23)

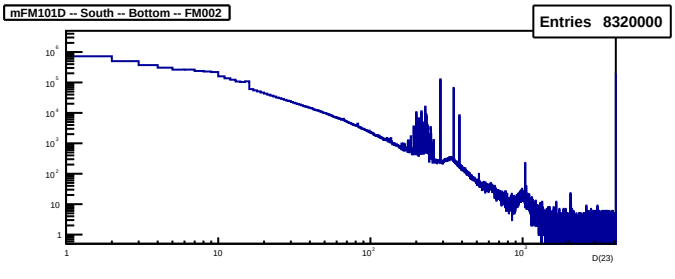

mFM101Dsim -- South -- Top -- FM001
Entries 2192562
D(23)

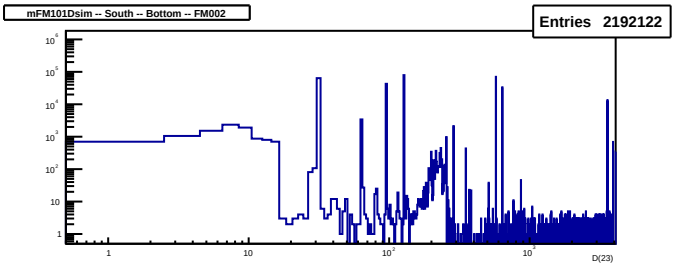

mFM101JP -- South -- Top -- FM001
Entries 1.664e+07

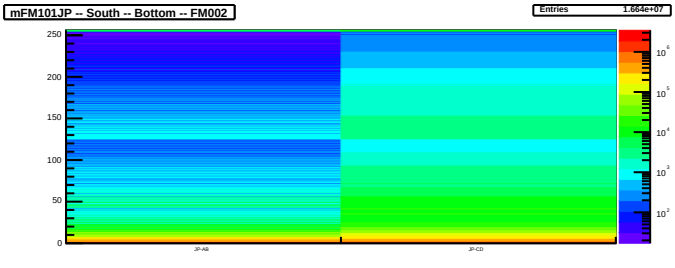

mFM101JPsim -- South -- Top -- FM001
Entries 4190123

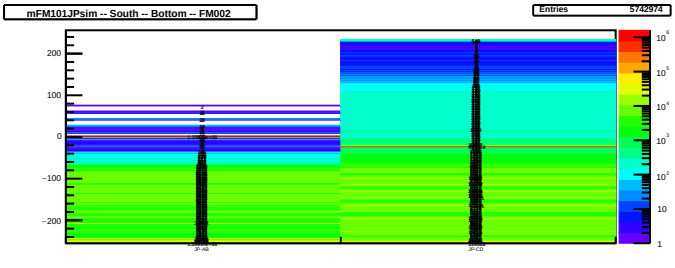

mFM101BS -- South -- Bottom -- FM002
Entries 3.328e+07

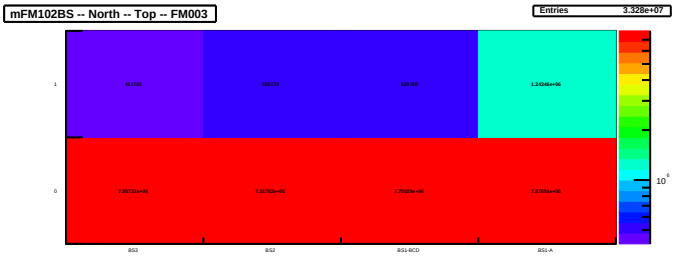

mFM101BSsim -- South -- Bottom -- FM002
Entries 7854480

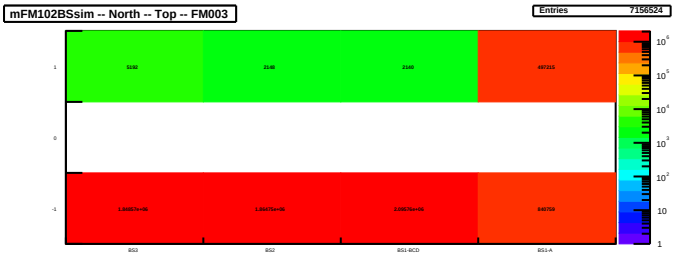

mFM101D -- South -- Bottom -- FM002
Entries 8320000
D(23)

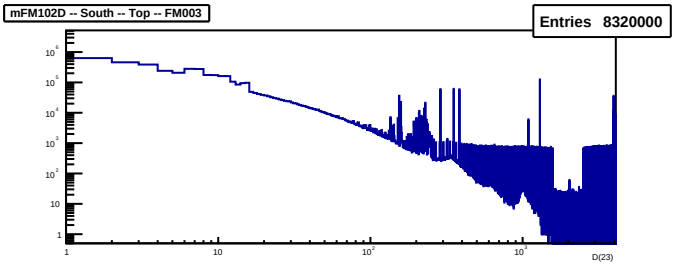

mFM101Dsim -- South -- Bottom -- FM002
Entries 2192122
D(23)

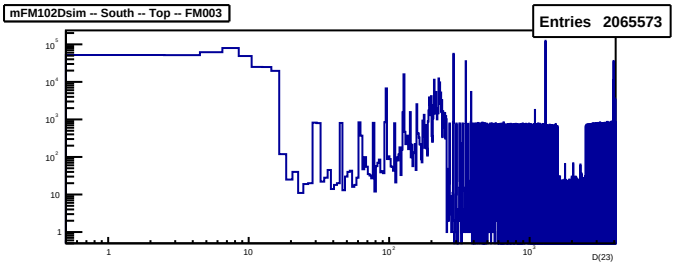

mFM101JP -- South -- Bottom -- FM002
Entries 1.664e+07

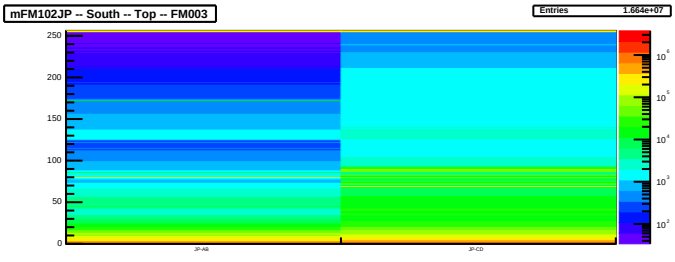

mFM101JPsim -- South -- Bottom -- FM002
Entries 5742974

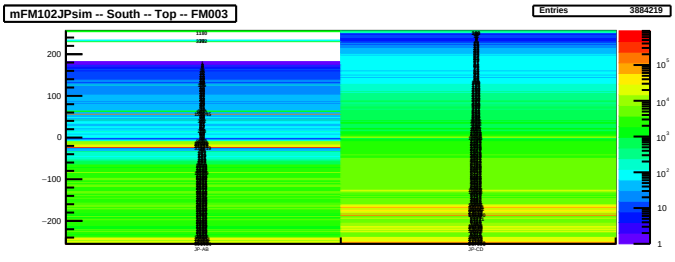

mFM102BS -- North -- Top -- FM003
Entries 3.328e+07

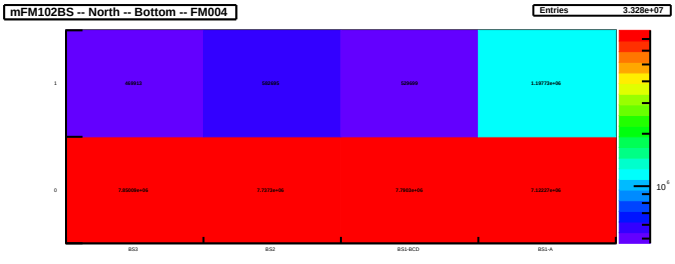

mFM102BSsim -- North -- Top -- FM003
Entries 7156524

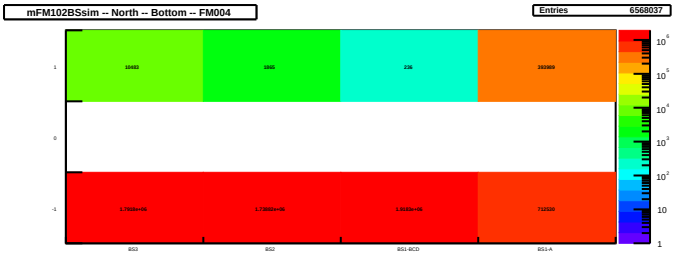

mFM102D -- South -- Top -- FM003
Entries 8320000
D(23)

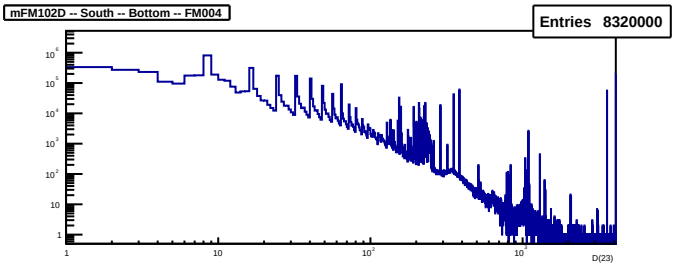

mFM102Dsim -- South -- Top -- FM003
Entries 2065573
D(23)

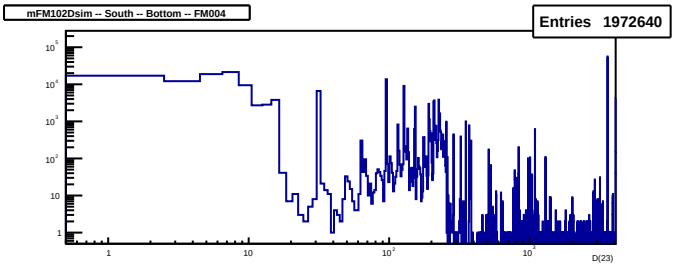

mFM102JP -- South -- Top -- FM003
Entries 1.664e+07

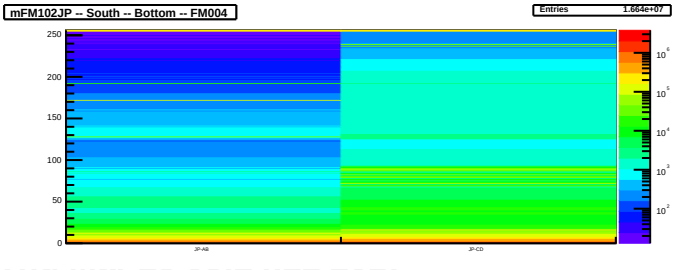

mFM102JPsim -- South -- Top -- FM003
Entries 3884219

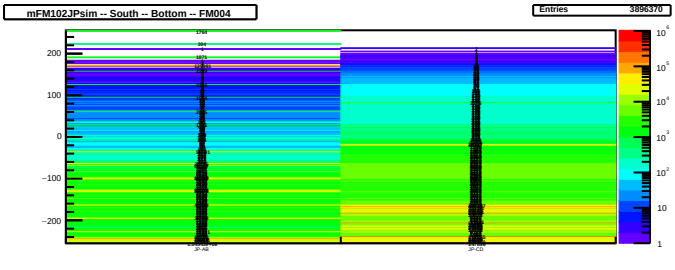

mFM102BS -- North -- Bottom -- FM004
Entries 3.328e+07

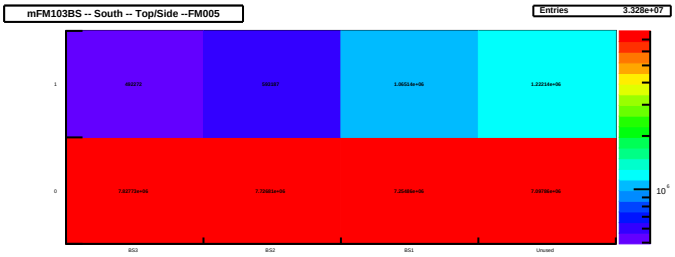

mFM102BSsim -- North -- Bottom -- FM004
Entries 6568037

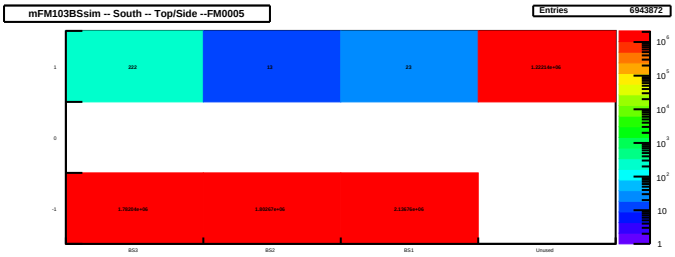

mFM102D -- South -- Bottom -- FM004
Entries 8320000
D(23)

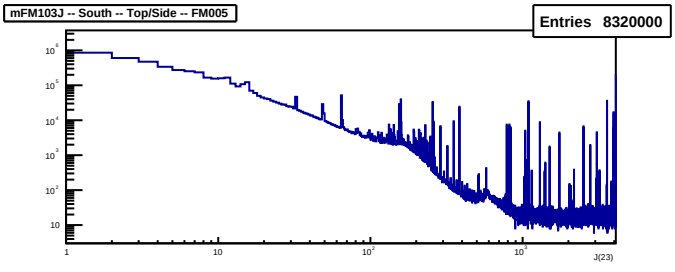

mFM102Dsim -- South -- Bottom -- FM004
Entries 1972640
D(23)

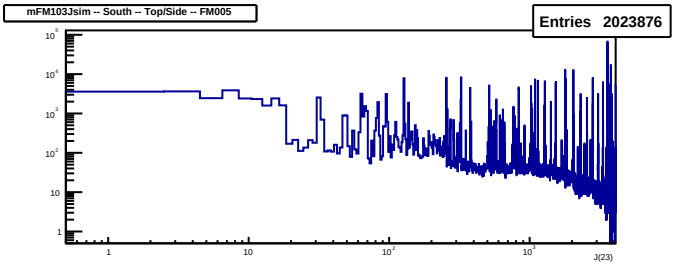

mFM102JP -- South -- Bottom -- FM004
Entries 1.664e+07

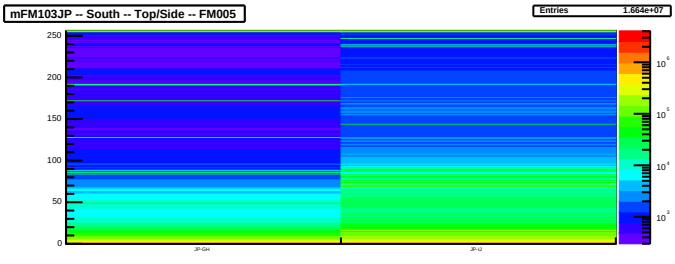

mFM102JPsim -- South -- Bottom -- FM004
Entries 3896370

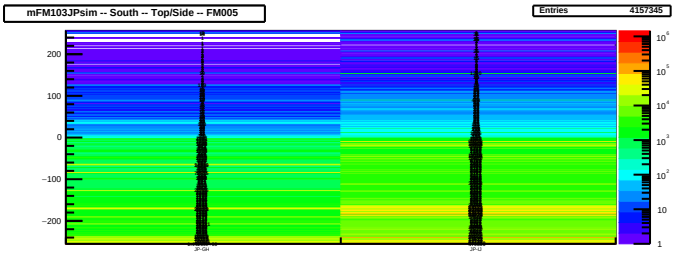

mFM103BS -- South -- Top/Side --FM005
Entries 3.328e+07

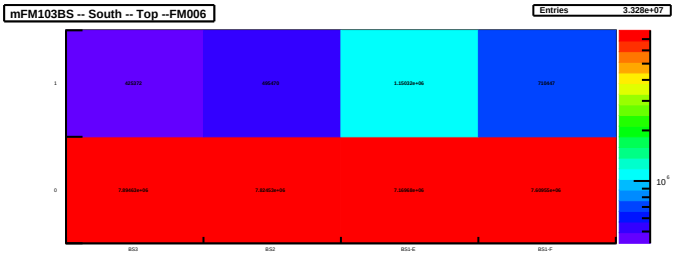

mFM103BSsim -- South -- Top/Side --FM0005
Entries 6943872

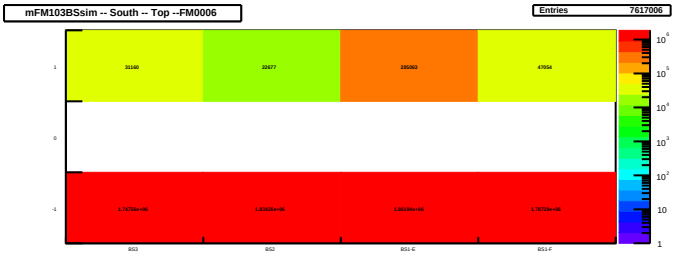

mFM103J -- South -- Top/Side -- FM005
Entries 8320000
J(23)

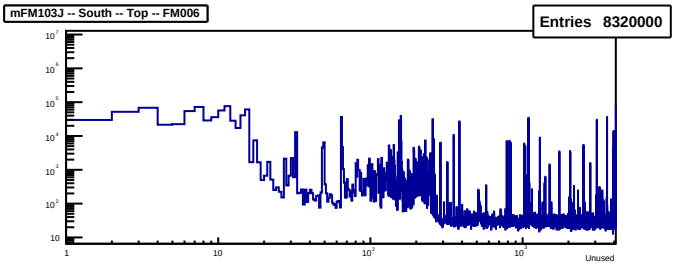

mFM103Jsim -- South -- Top/Side -- FM005
Entries 2023876
J(23)

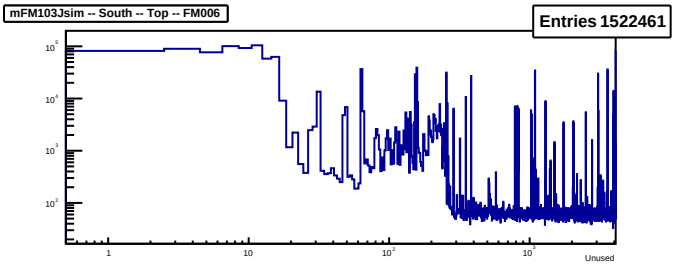

mFM103JP -- South -- Top/Side -- FM005
Entries 1.664e+07

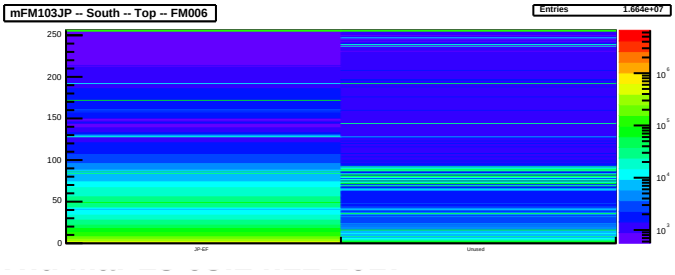

mFM103JPsim -- South -- Top/Side -- FM005
Entries 4157345

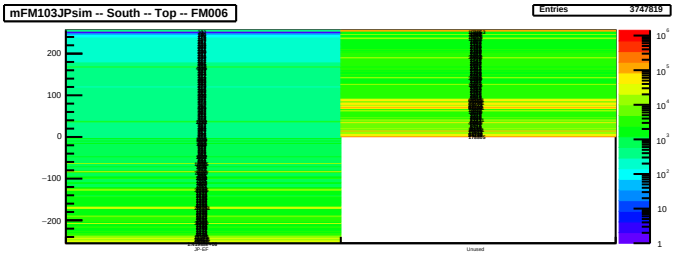

mFM103BS -- South -- Top --FM006
Entries 3.328e+07

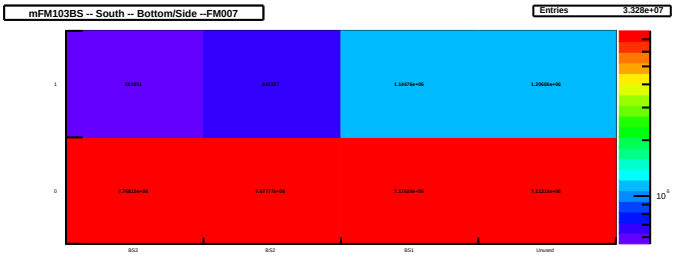

mFM103BSsim -- South -- Top --FM0006
Entries 7617006

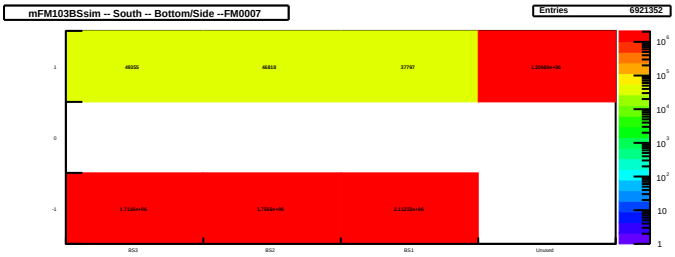

mFM103J -- South -- Top -- FM006
Entries 8320000
Unused

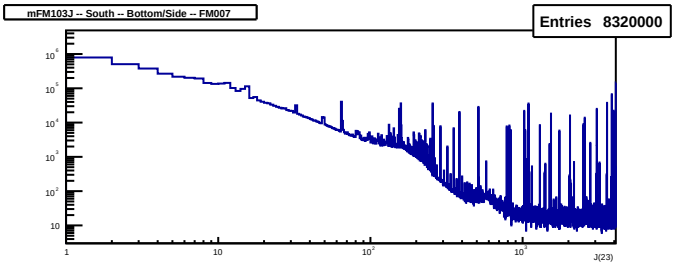

mFM103Jsim -- South -- Top -- FM006
Entries 1522461
Unused

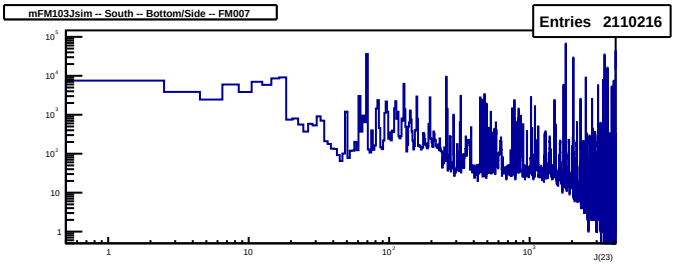

mFM103JP -- South -- Top -- FM006
Entries 1.664e+07

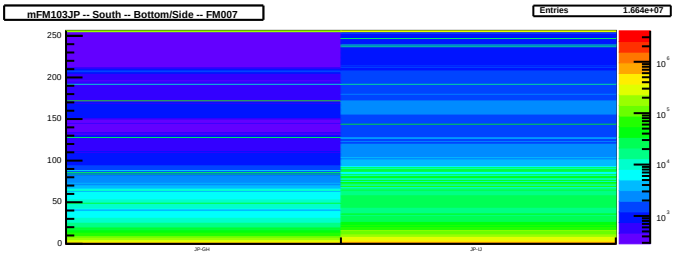

mFM103JPsim -- South -- Top -- FM006
Entries 3747819

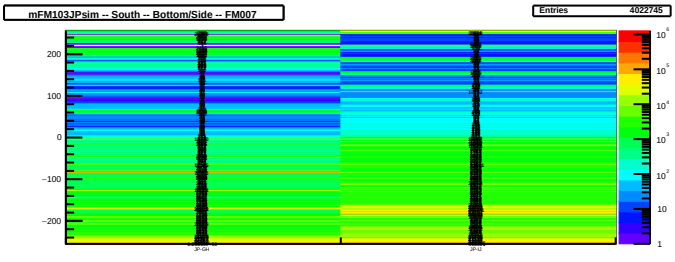

mFM103BS -- South -- Bottom/Side --FM007
Entries 3.328e+07

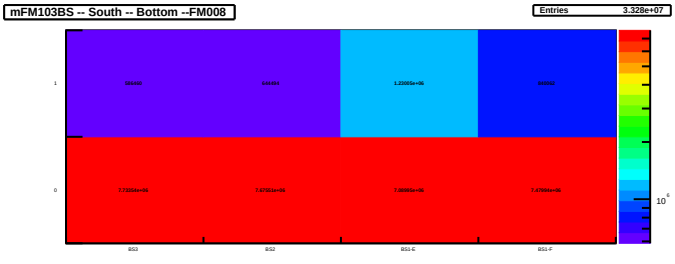

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 6921352

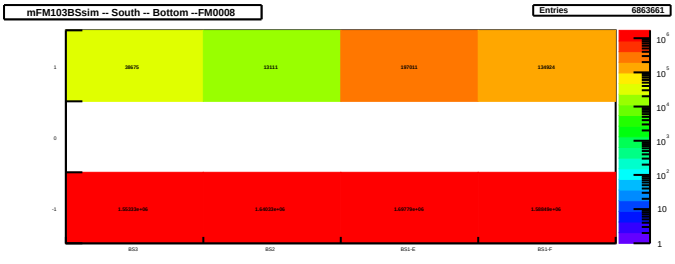

mFM103J -- South -- Bottom/Side -- FM007
Entries 8320000
J(23)

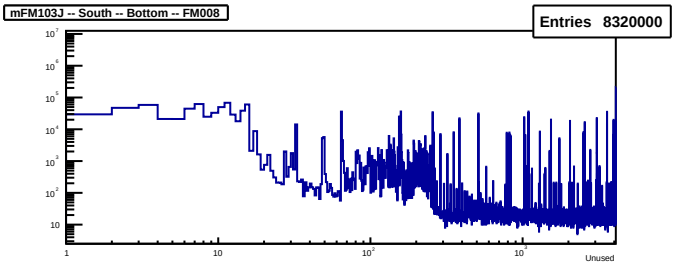

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 2110216
J(23)

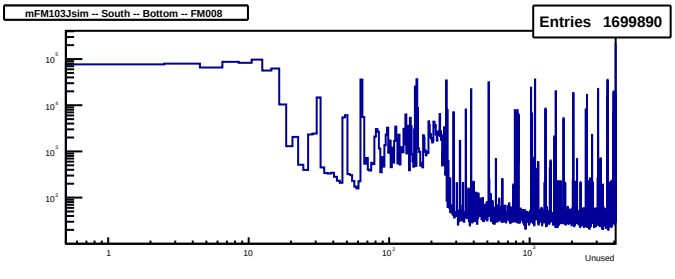

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1.664e+07

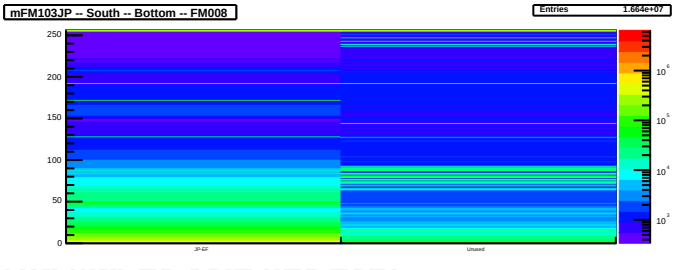

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 4022745

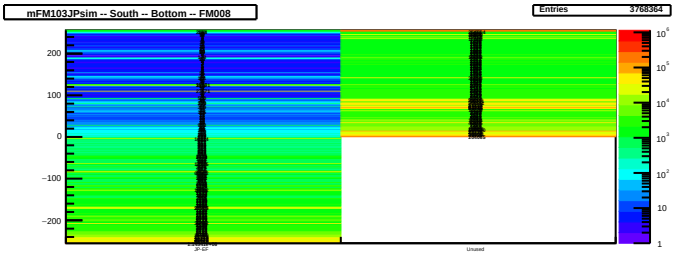

mFM103BS -- South -- Bottom --FM008
Entries 3.328e+07

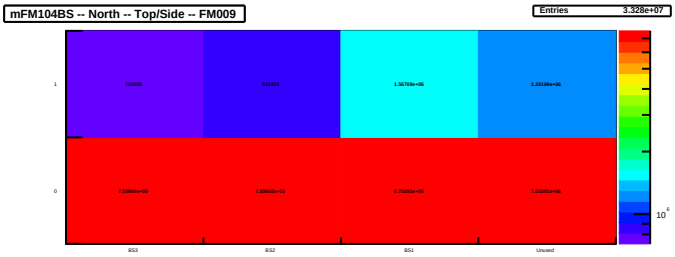

mFM103BSsim -- South -- Bottom --FM0008
Entries 6863661

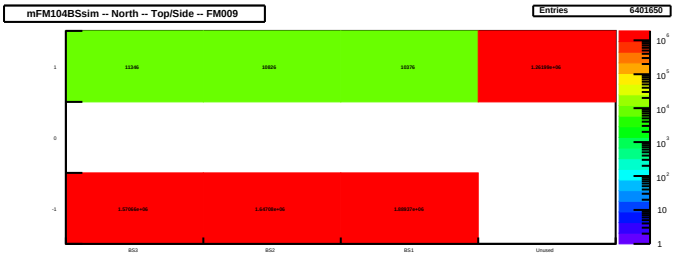

mFM103J -- South -- Bottom -- FM008
Entries 8320000
Unused

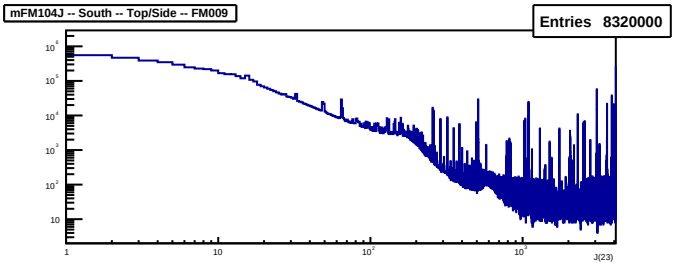

mFM103Jsim -- South -- Bottom -- FM008
Entries 1699890
Unused

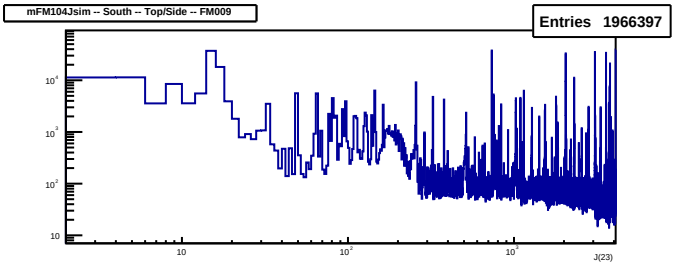

mFM103JP -- South -- Bottom -- FM008
Entries 1.664e+07

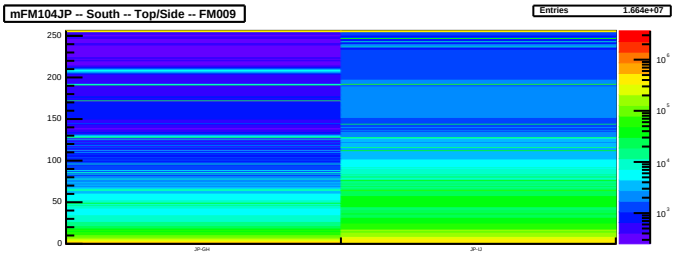

mFM103JPsim -- South -- Bottom -- FM008
Entries 3768364

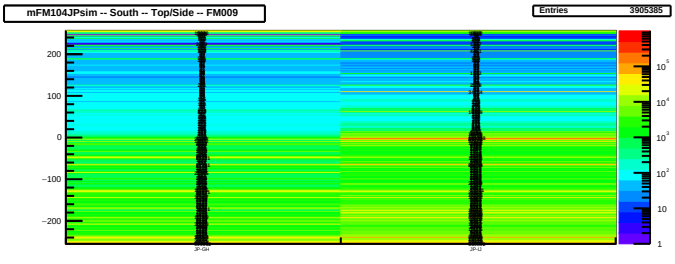

mFM104BS -- North -- Top/Side -- FM009
Entries 3.328e+07

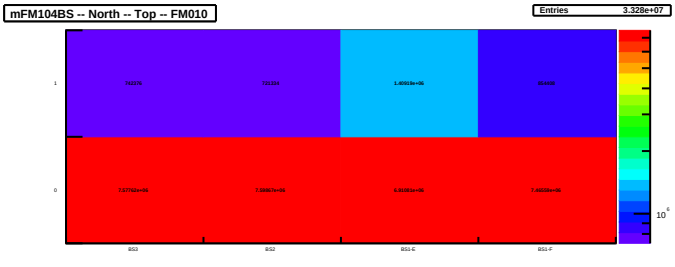

mFM104BSsim -- North -- Top/Side -- FM009
Entries 6401650

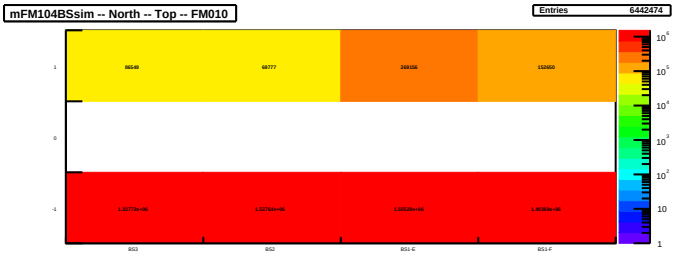

mFM104J -- South -- Top/Side -- FM009
Entries 8320000
J(23)

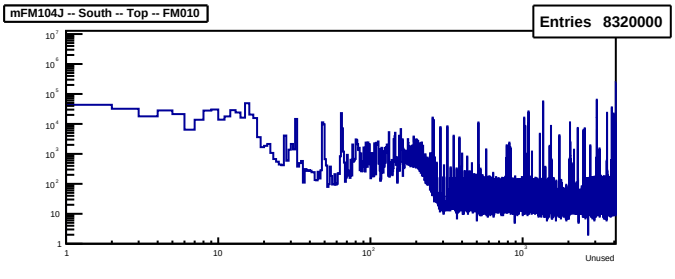

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1966397
J(23)

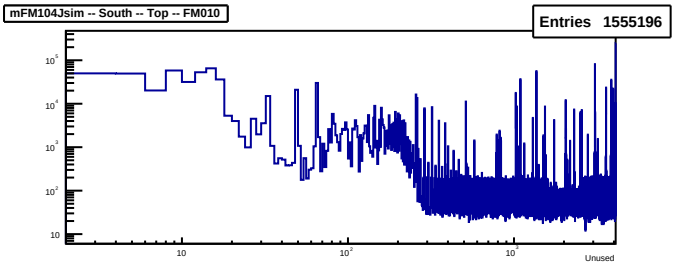

mFM104JP -- South -- Top/Side -- FM009
Entries 1.664e+07

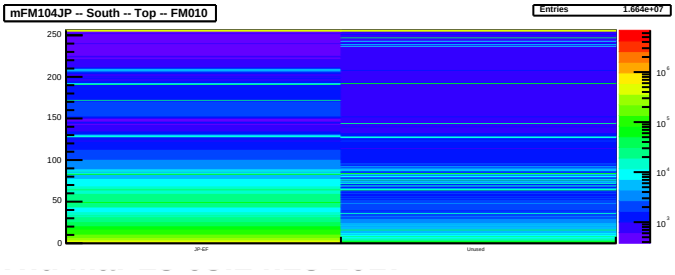

mFM104JPsim -- South -- Top/Side -- FM009
Entries 3905385

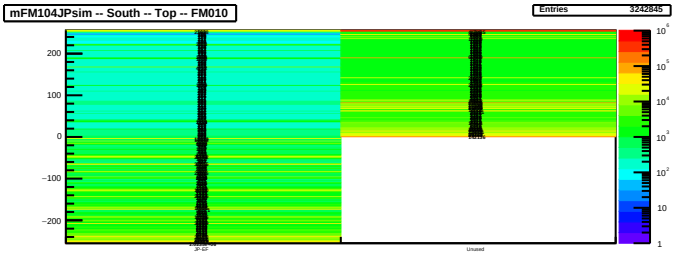

mFM104BS -- North -- Top -- FM010
Entries 3.328e+07

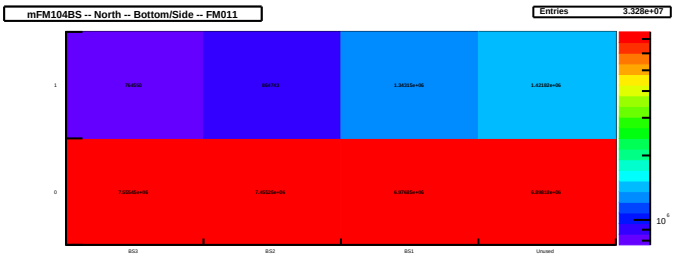

mFM104BSsim -- North -- Top -- FM010
Entries 6442474

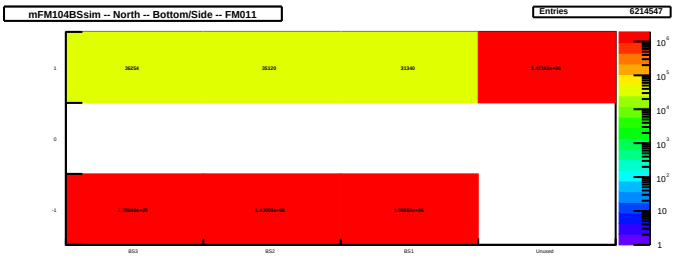

mFM104J -- South -- Top -- FM010
Entries 8320000
Unused

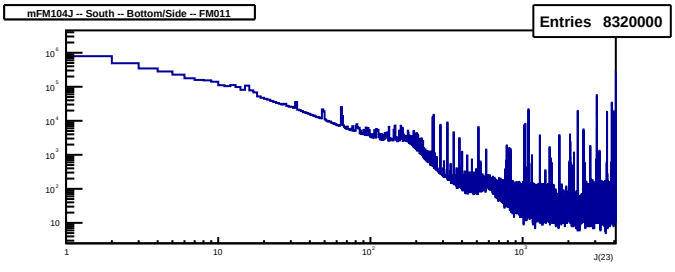

mFM104Jsim -- South -- Top -- FM010
Entries 1555196
Unused

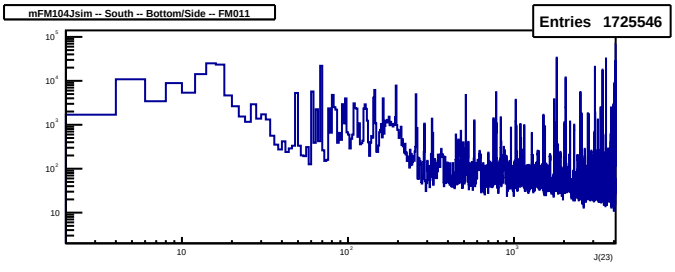

mFM104JP -- South -- Top -- FM010
Entries 1.664e+07

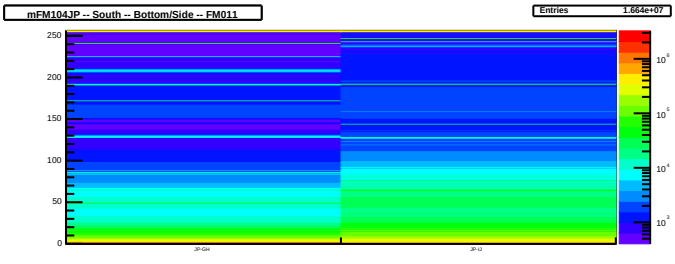

mFM104JPsim -- South -- Top -- FM010
Entries 3242845

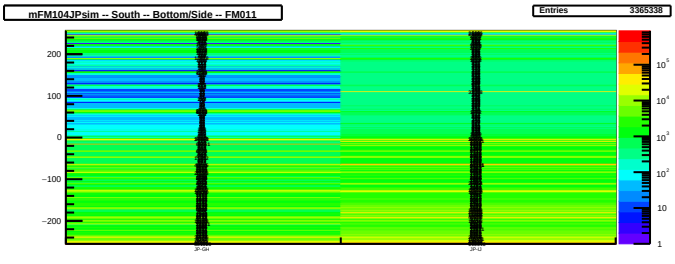

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3.328e+07

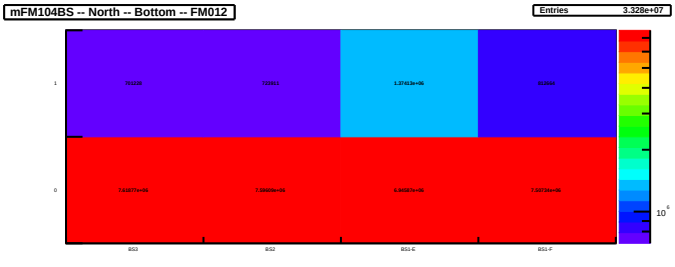

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6214547

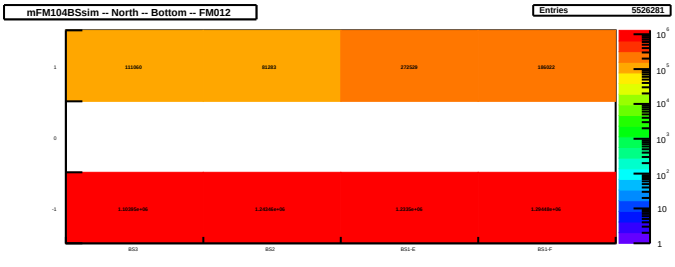

mFM104J -- South -- Bottom/Side -- FM011
Entries 8320000
J(23)

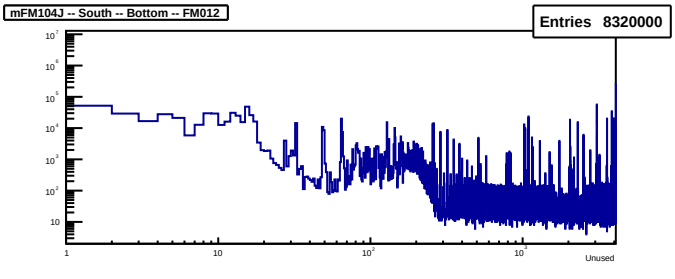

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1725546
J(23)

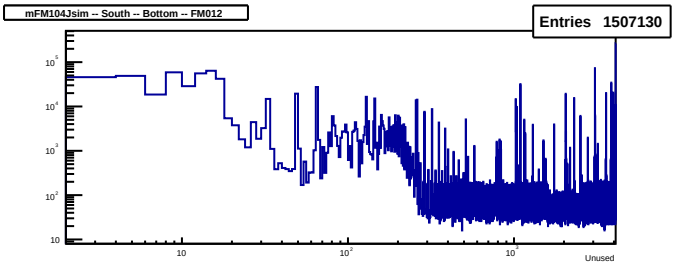

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.664e+07

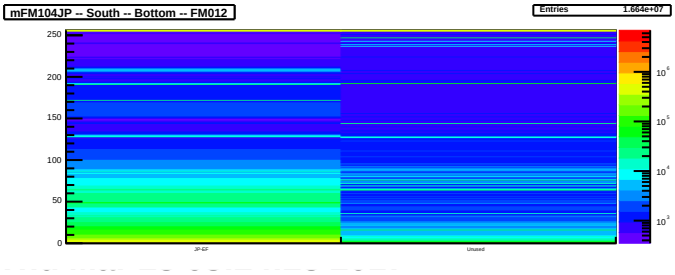

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3365338

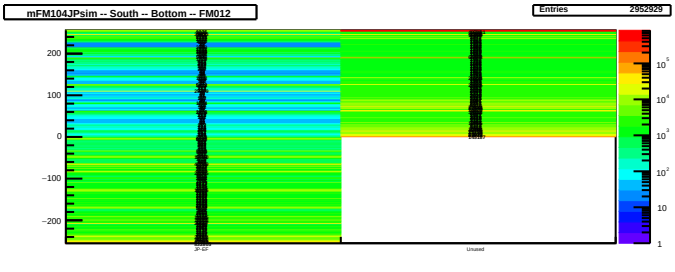

mFM104BS -- North -- Bottom -- FM012
Entries 3.328e+07

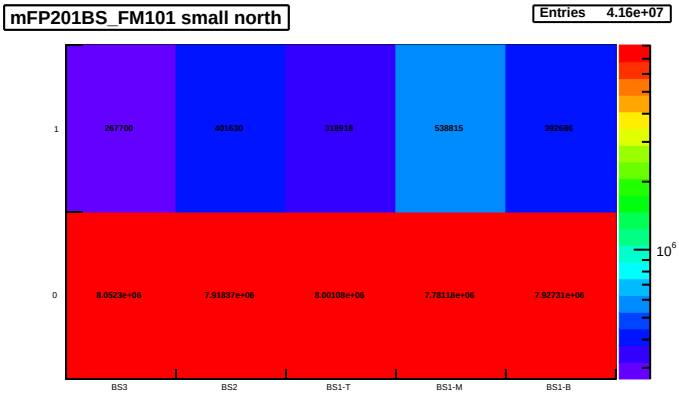

mFM104BSsim -- North -- Bottom -- FM012
Entries 5526281

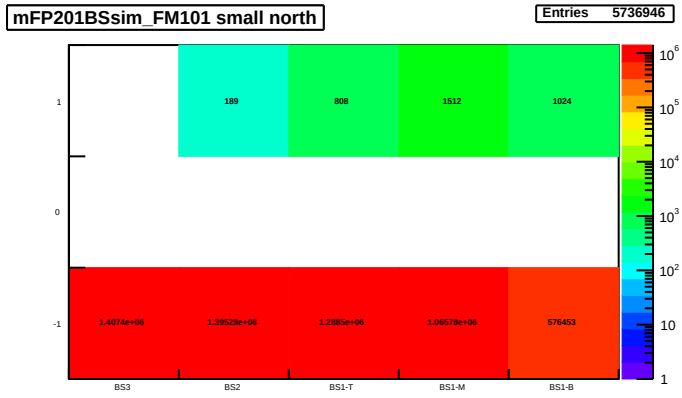

mFM104J -- South -- Bottom -- FM012
Entries 8320000
Unused

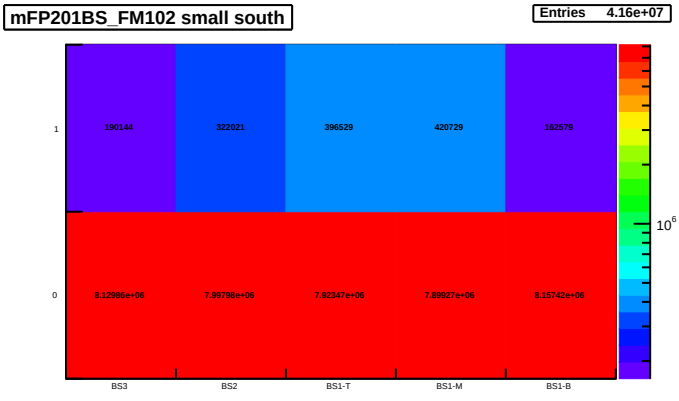

mFM104Jsim -- South -- Bottom -- FM012
Entries 1507130
Unused

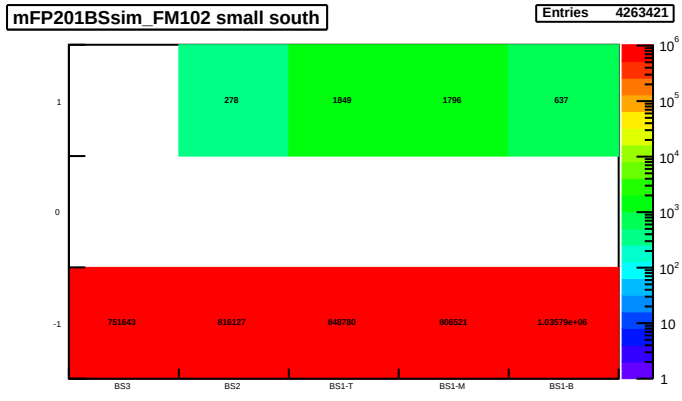

mFM104JP -- South -- Bottom -- FM012
Entries 1.664e+07

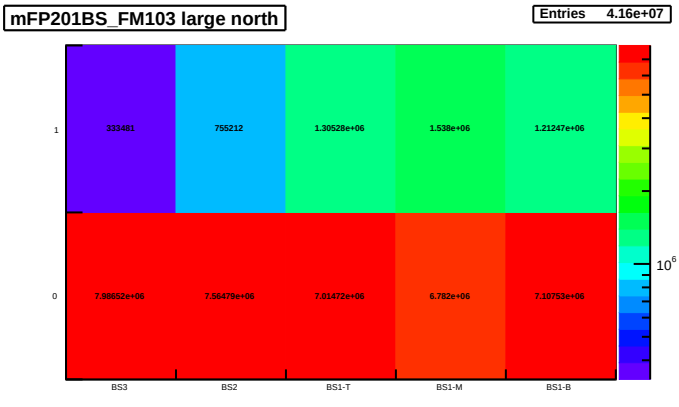

mFM104JPsim -- South -- Bottom -- FM012
Entries 2952929

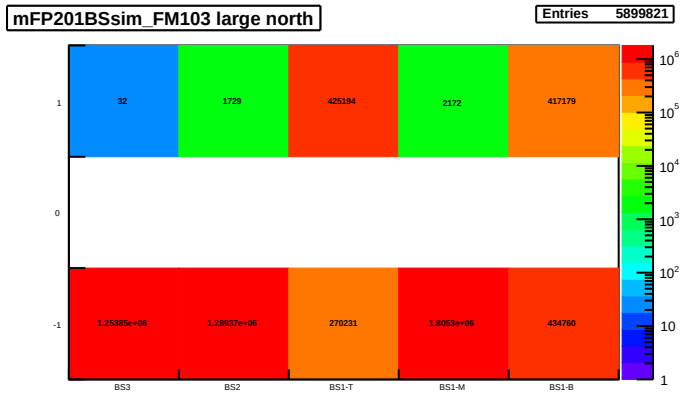

mFP201BS_FM101 small north
Entries 4.16e+07
1
0
267700
401630
318918
538815
392686
8.0523e+06
7.91837e+06
8.00108e+06
7.78118e+06
7.92731e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

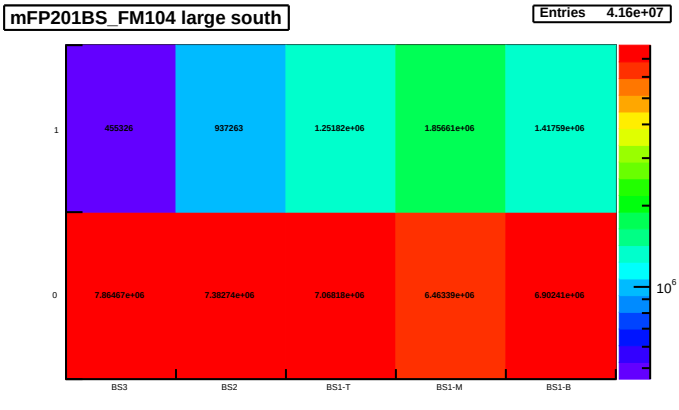

mFP201BSsim_FM101 small north
Entries 5736946
1
0
-1
189
808
1512
1024
1.4074e+06
1.39528e+06
1.2885e+06
1.06578e+06
576453
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

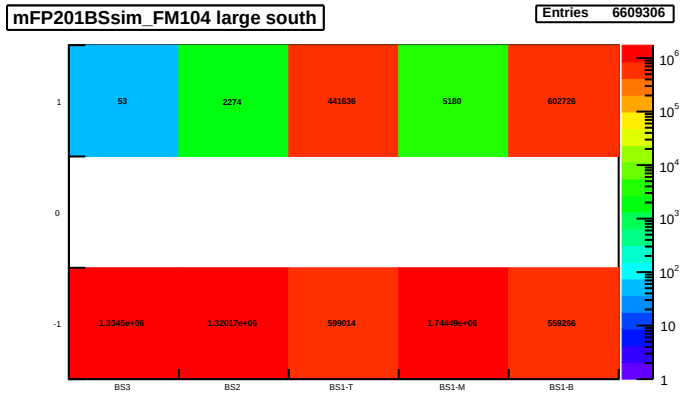

mFP201BS_FM102 small south
Entries 4.16e+07
1
0
190144
322021
396529
420729
162579
8.12986e+06
7.99798e+06
7.92347e+06
7.89927e+06
8.15742e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

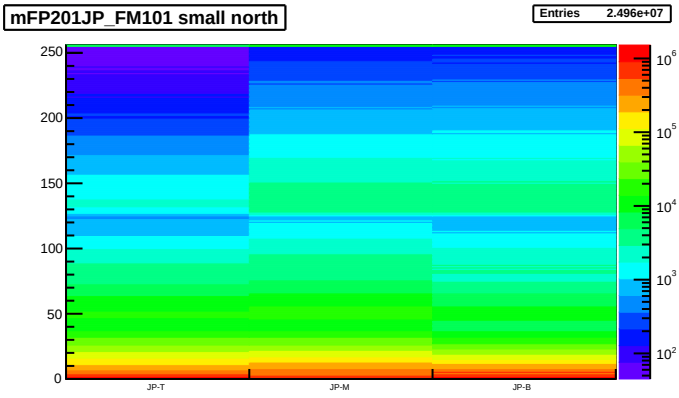

mFP201BSsim_FM102 small south
Entries 4263421
1
0
-1
278
1849
1796
637
751643
816127
848780
806521
1.03579e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

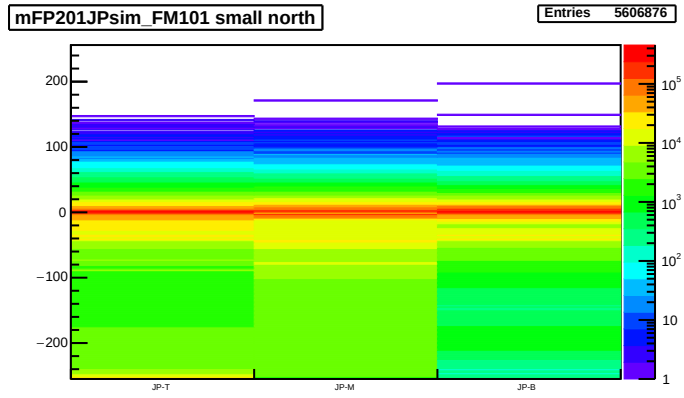

mFP201BS_FM103 large north
Entries 4.16e+07
1
0
333481
755212
1.30528e+06
1.538e+06
1.21247e+06
7.98652e+06
7.56479e+06
7.01472e+06
6.782e+06
7.10753e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

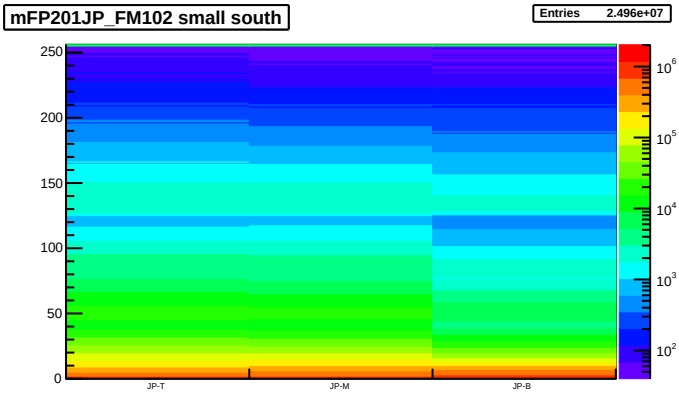

mFP201BSsim_FM103 large north
Entries 5899821
1
0
-1
32
1729
425194
2172
417179
1.25385e+06
1.28937e+06
270231
1.8053e+06
434760
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

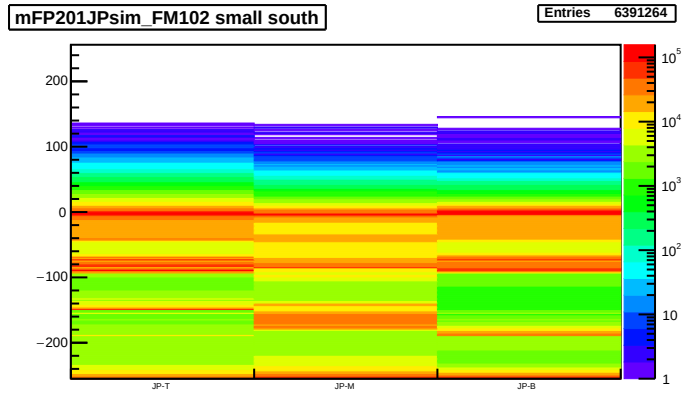

mFP201BS_FM104 large south
Entries 4.16e+07
1
0
455326
937263
1.25182e+06
1.85661e+06
1.41759e+06
7.86467e+06
7.38274e+06
7.06818e+06
6.46339e+06
6.90241e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

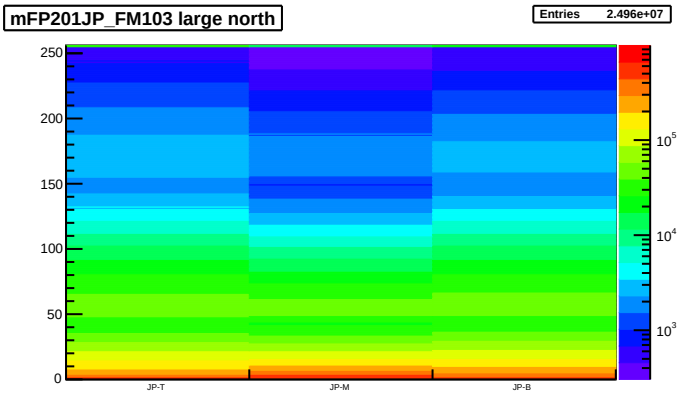

mFP201BSsim_FM104 large south
Entries 6609306
1
0
-1
53
2274
441636
5180
602726
1.3345e+06
1.32017e+06
599014
1.74449e+06
559266
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

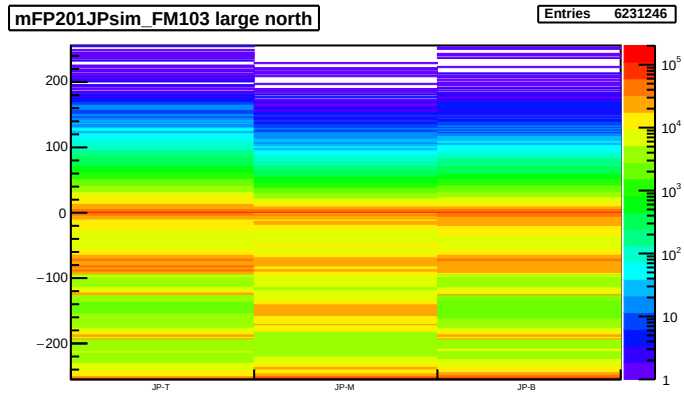

mFP201JP_FM101 small north
Entries 2.496e+07
JP-T
JP-M
JP-B

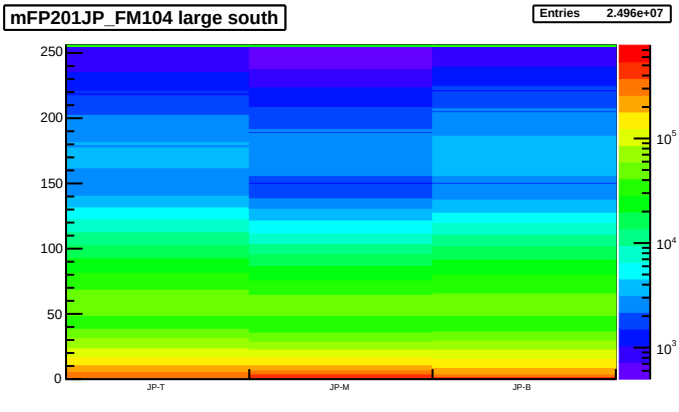

mFP201JPsim_FM101 small north
Entries 5606876
JP-T
JP-M
JP-B

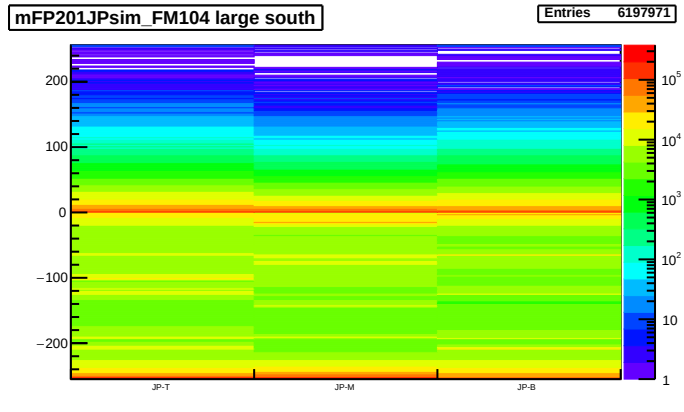

mFP201JP_FM102 small south
Entries 2.496e+07
JP-T
JP-M
JP-B

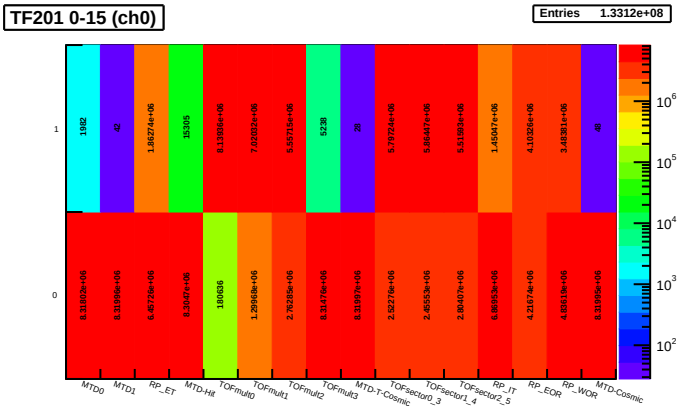

mFP201JPsim_FM102 small south
Entries 6391264
JP-T
JP-M
JP-B

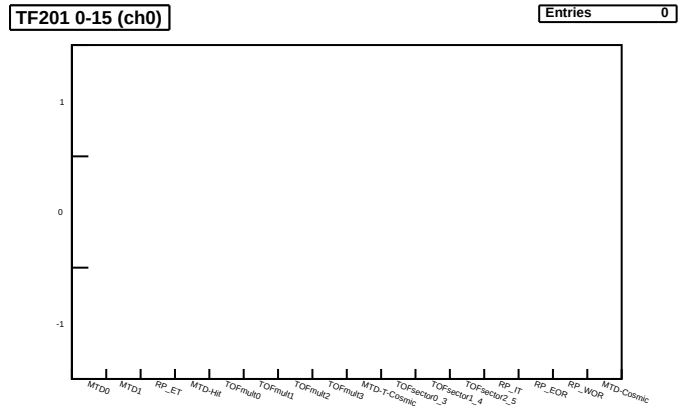

mFP201JP_FM103 large north
Entries 2.496e+07
JP-T
JP-M
JP-B

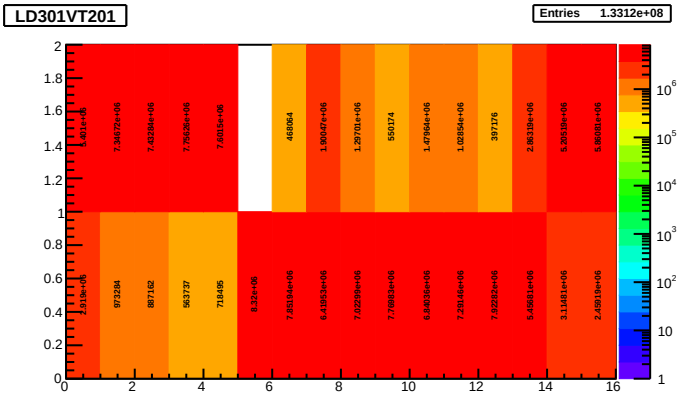

mFP201JPsim_FM103 large north
Entries 6231246
JP-T
JP-M
JP-B

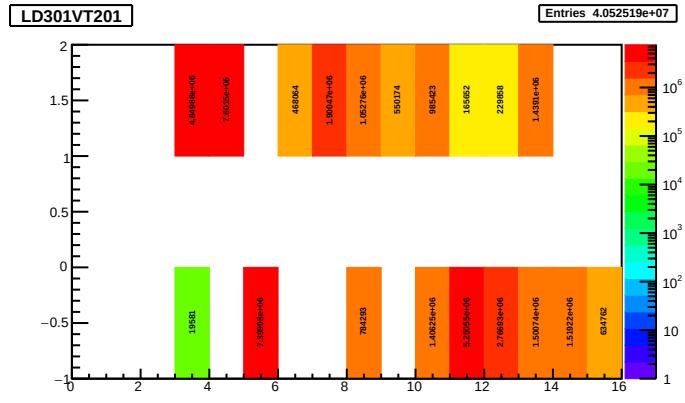

mFP201JP_FM104 large south
Entries 2.496e+07
JP-T
JP-M
JP-B

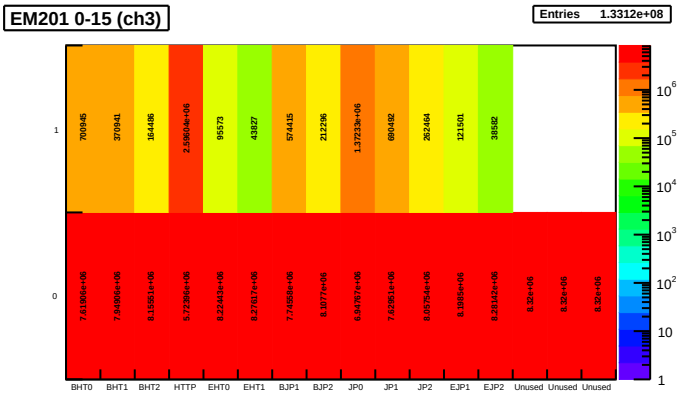

mFP201JPsim_FM104 large south
Entries 6197971
JP-T
JP-M
JP-B

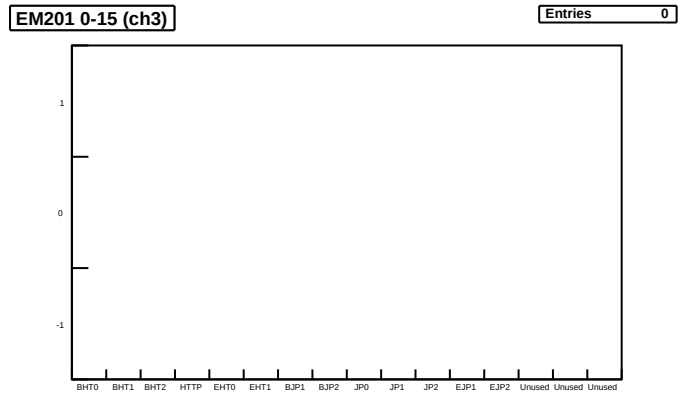

TF201 0-15 (ch0)
Entries 1.3312e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

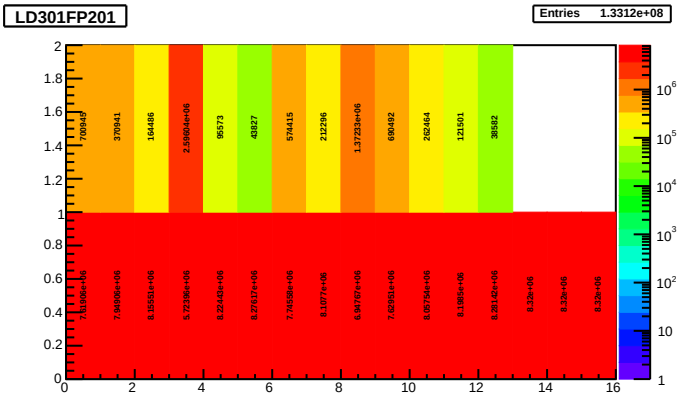

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

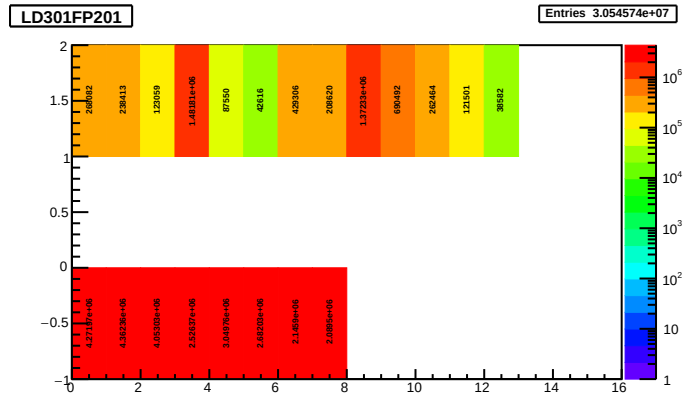

LD301VT201
Entries 1.3312e+08


LD301VT201
Entries 4.052519e+07


EM201 0-15 (ch3)
Entries 1.3312e+08
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 1.3312e+08


LD301FP201
Entries 3.054574e+07