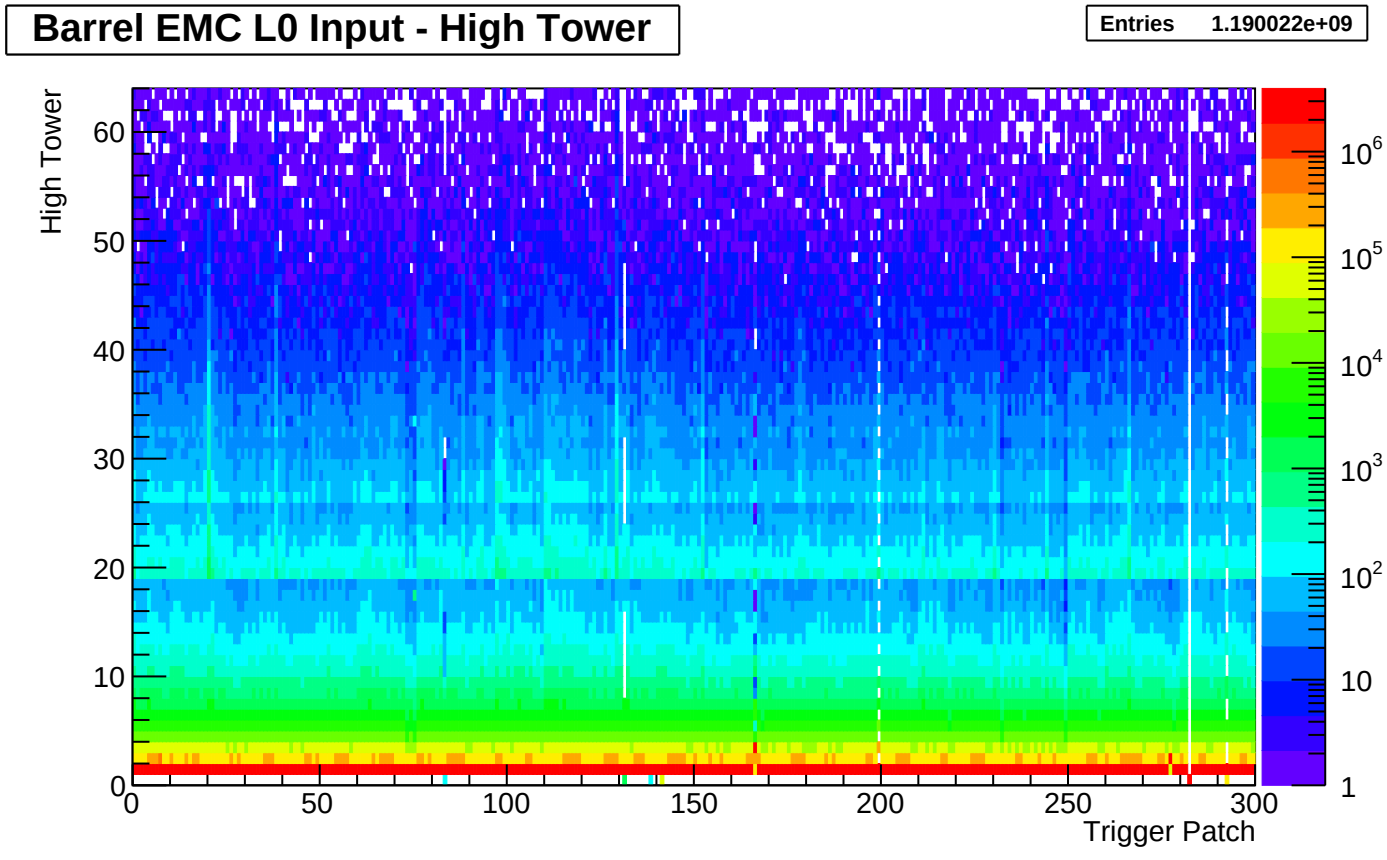
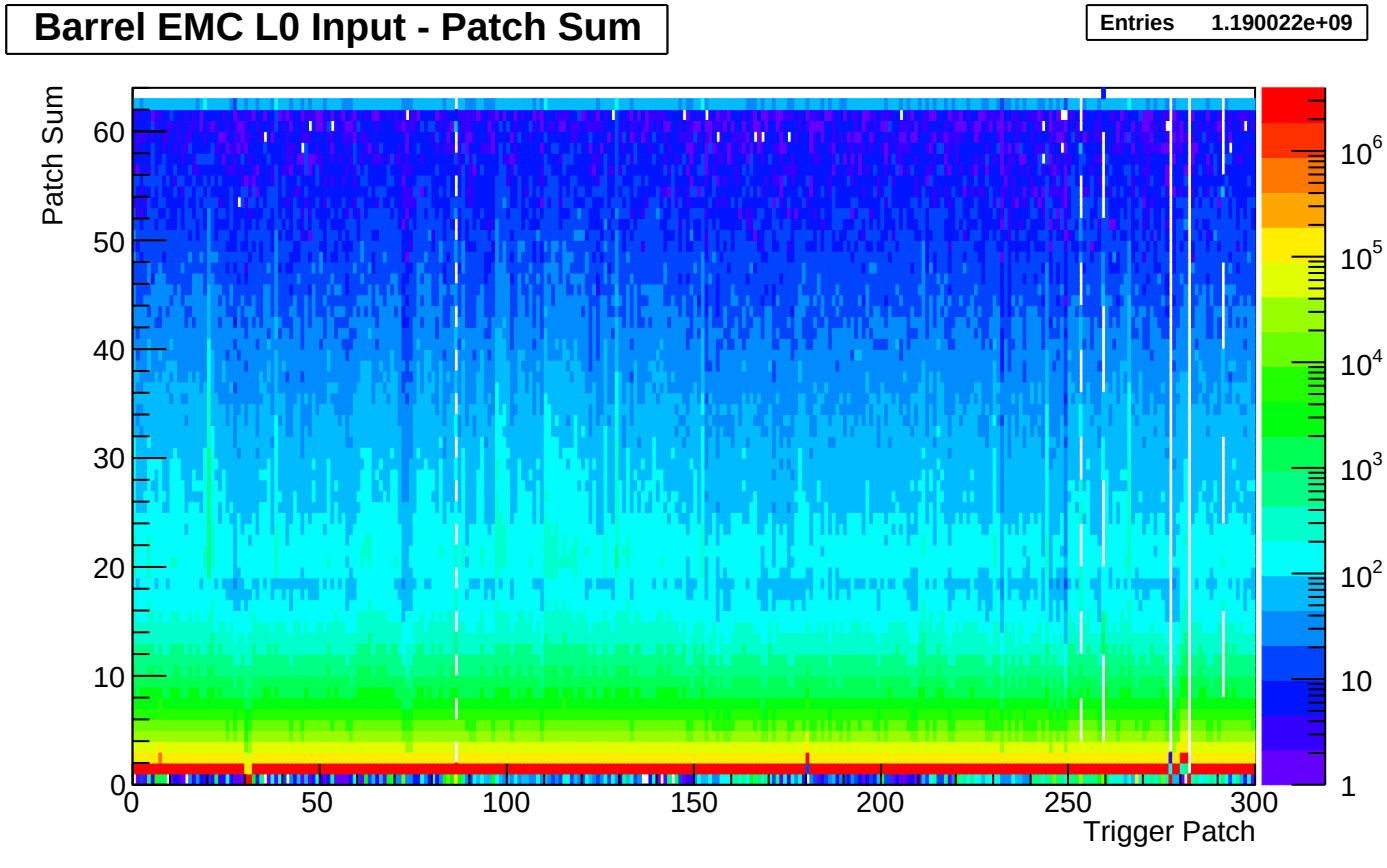
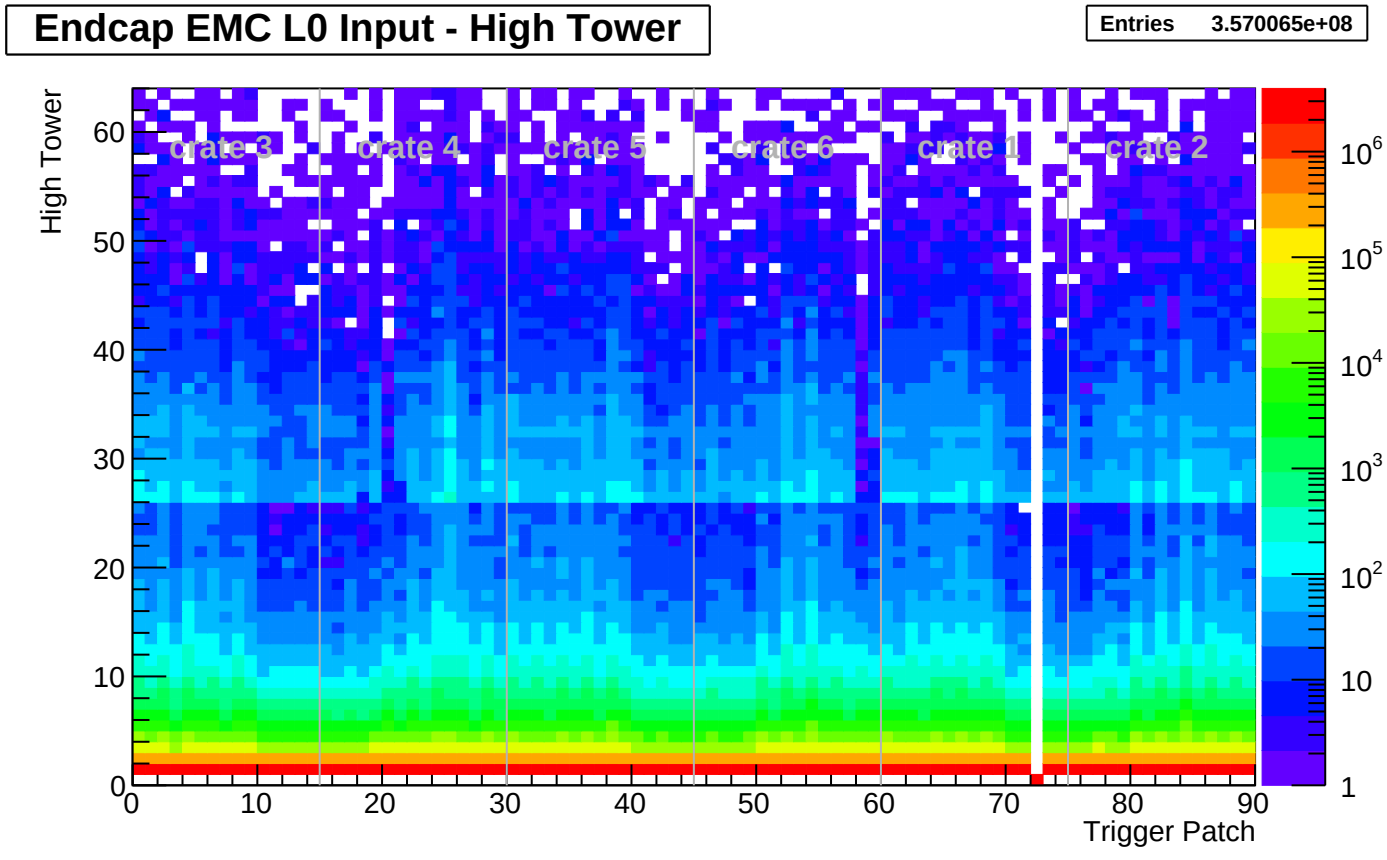
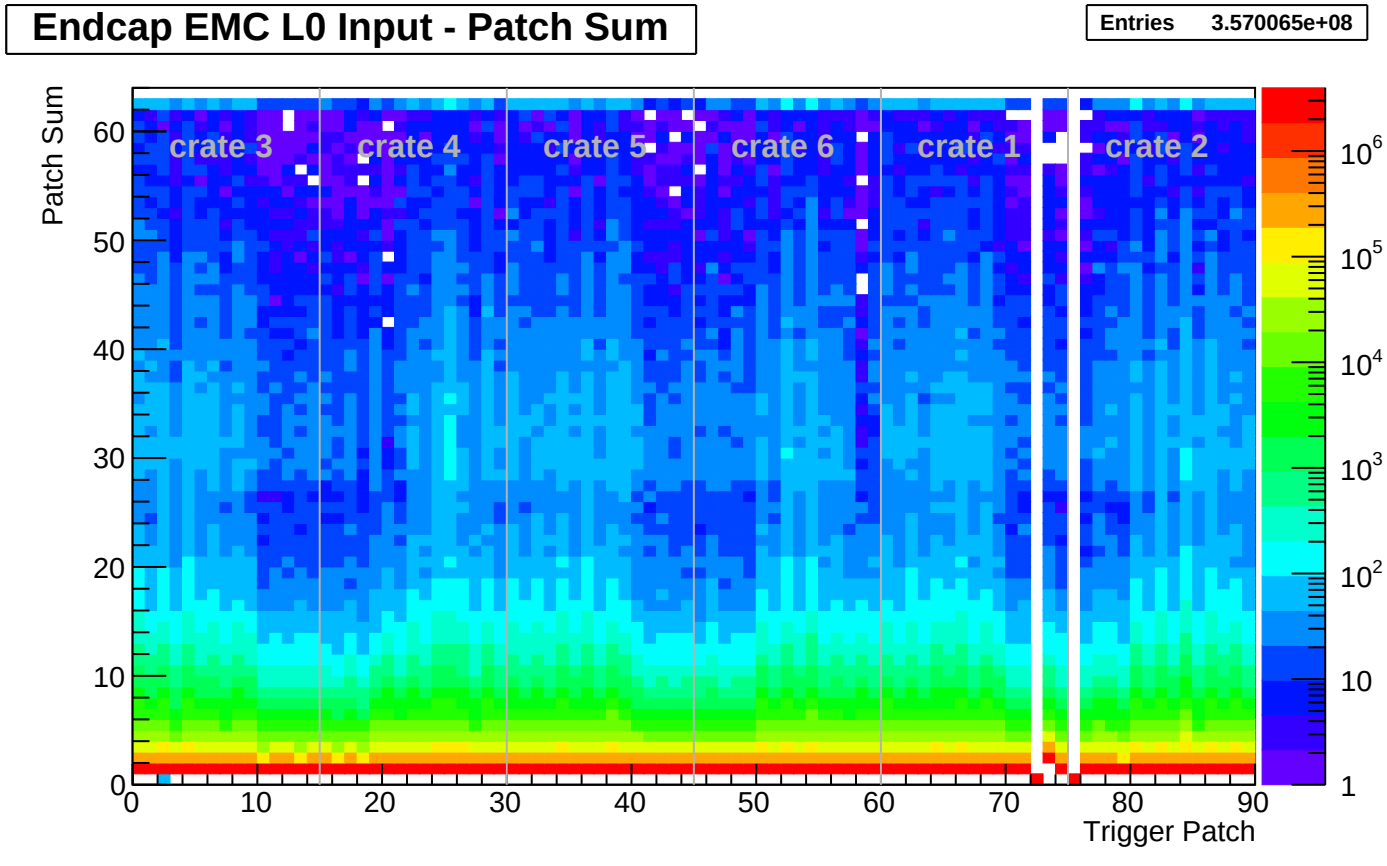
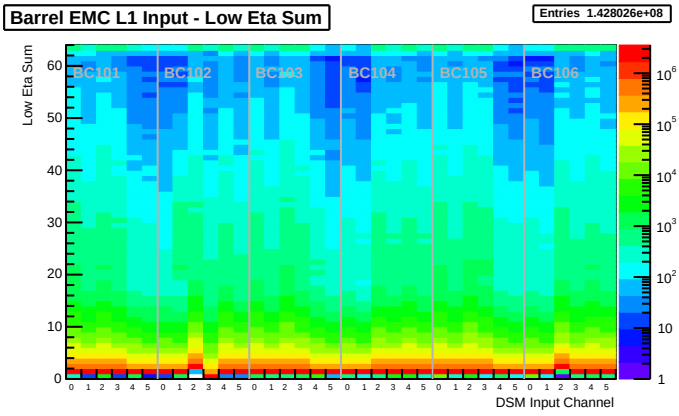
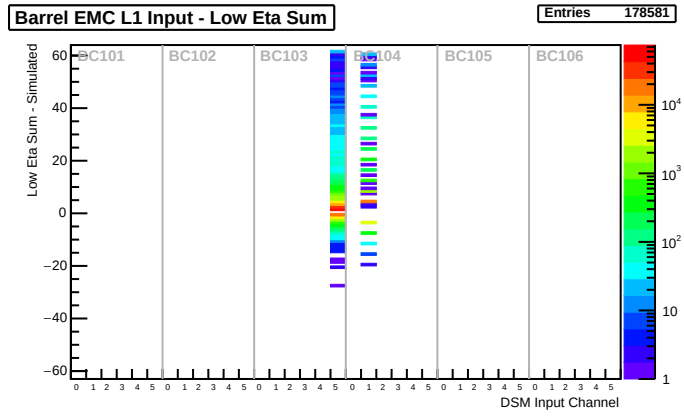

Barrel EMC L0 Input - High Tower
Entries 1.190022e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

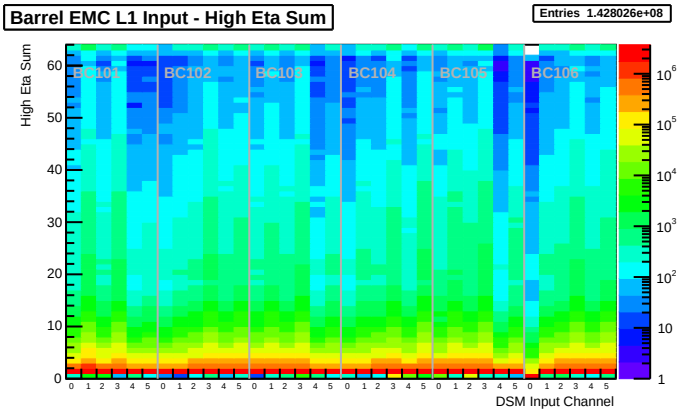

Barrel EMC L0 Input - Patch Sum
Entries 1.190022e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

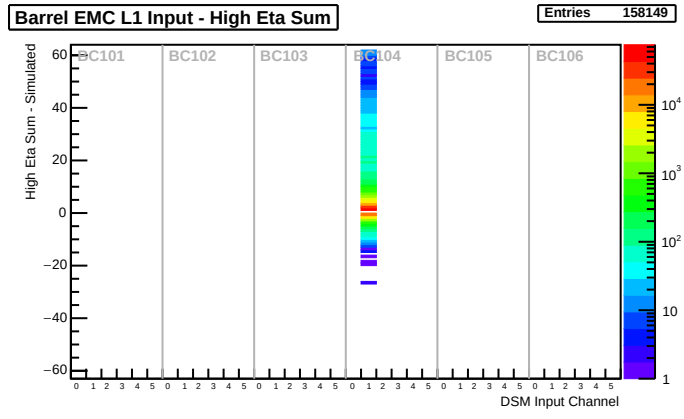

Endcap EMC L0 Input - High Tower
Entries 3.570065e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

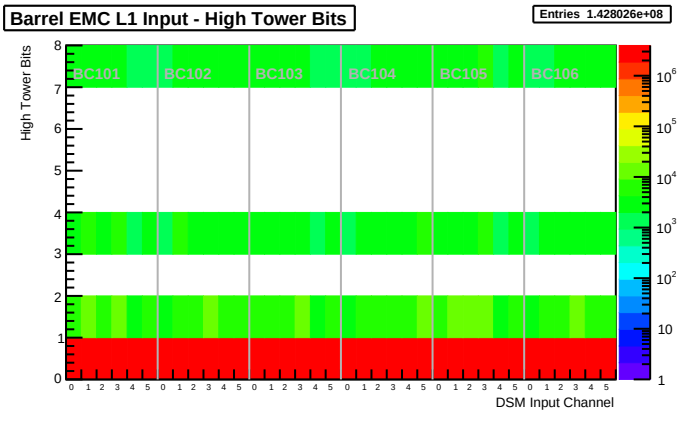

Endcap EMC L0 Input - Patch Sum
Entries 3.570065e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

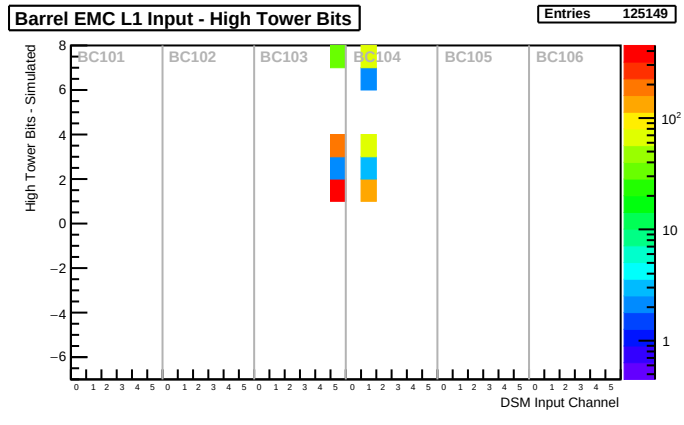

Barrel EMC L1 Input - Low Eta Sum
Entries 1.428026e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

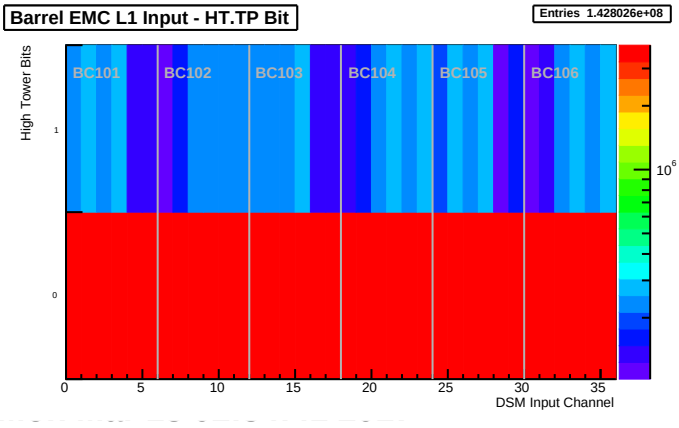

Barrel EMC L1 Input - Low Eta Sum
Entries 178581
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

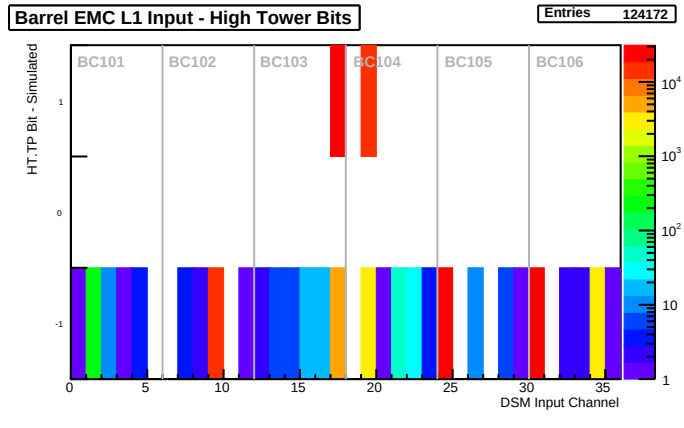

Barrel EMC L1 Input - High Eta Sum
Entries 1.428026e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

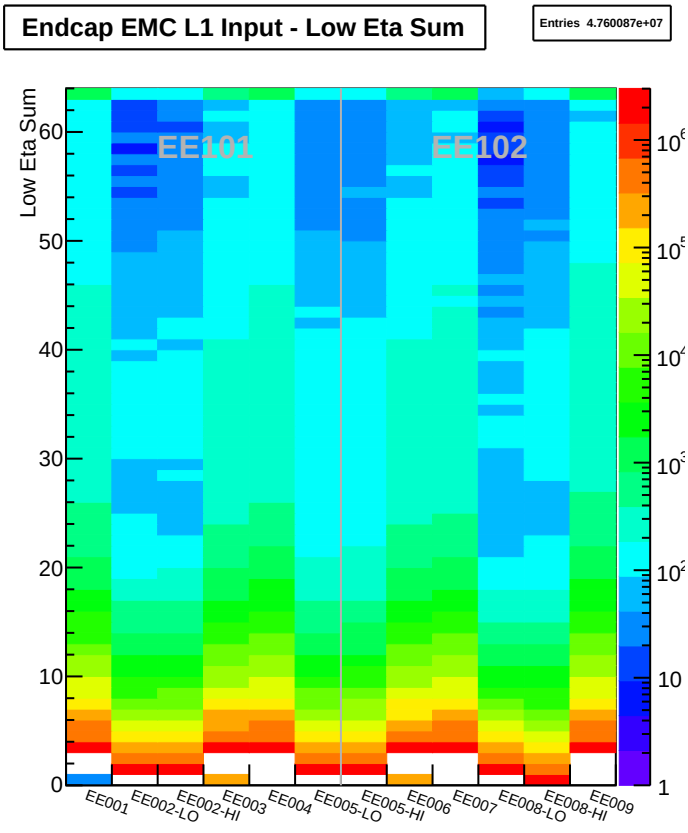

Barrel EMC L1 Input - High Eta Sum
Entries 158149
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

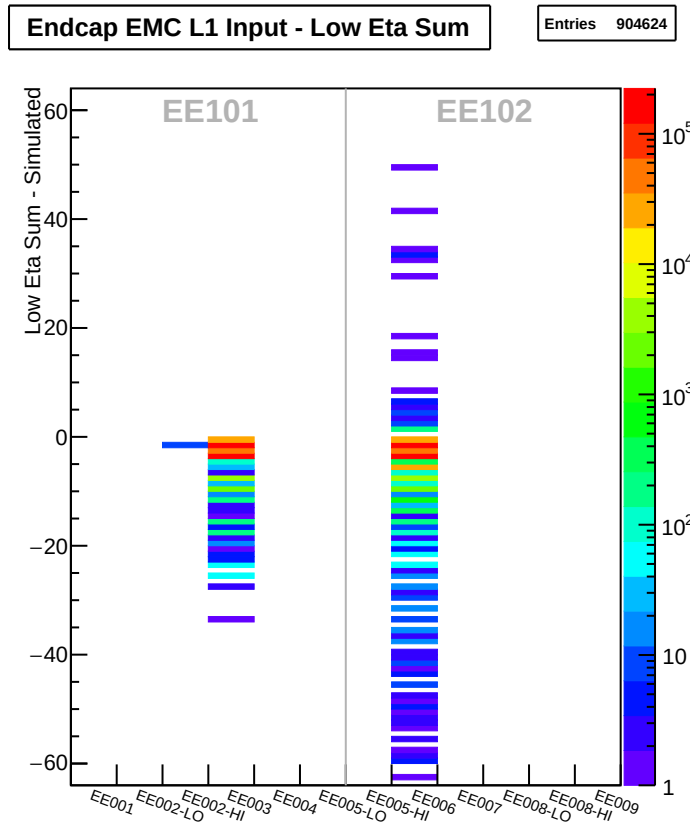

Barrel EMC L1 Input - High Tower Bits
Entries 1.428026e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

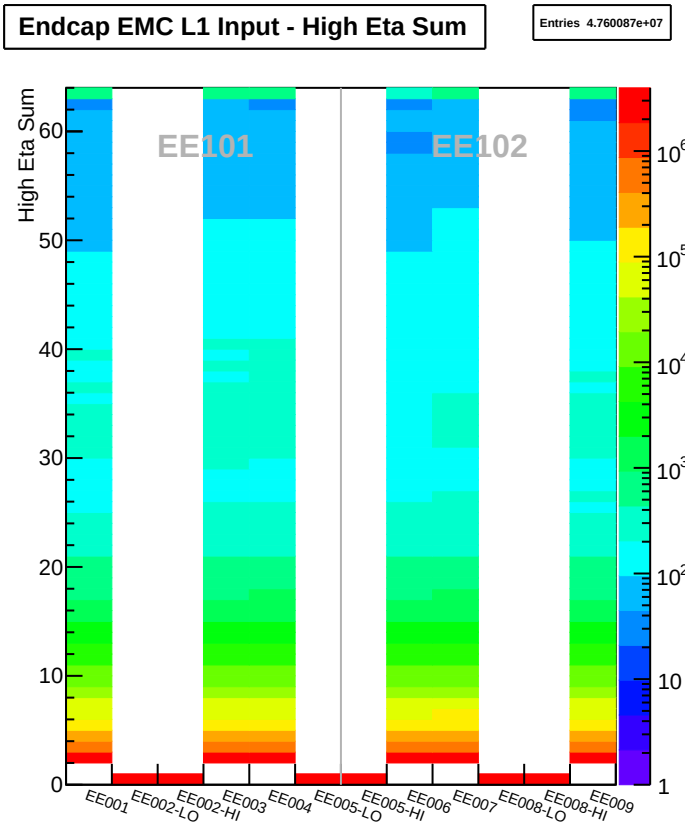

Barrel EMC L1 Input - High Tower Bits
Entries 125149
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

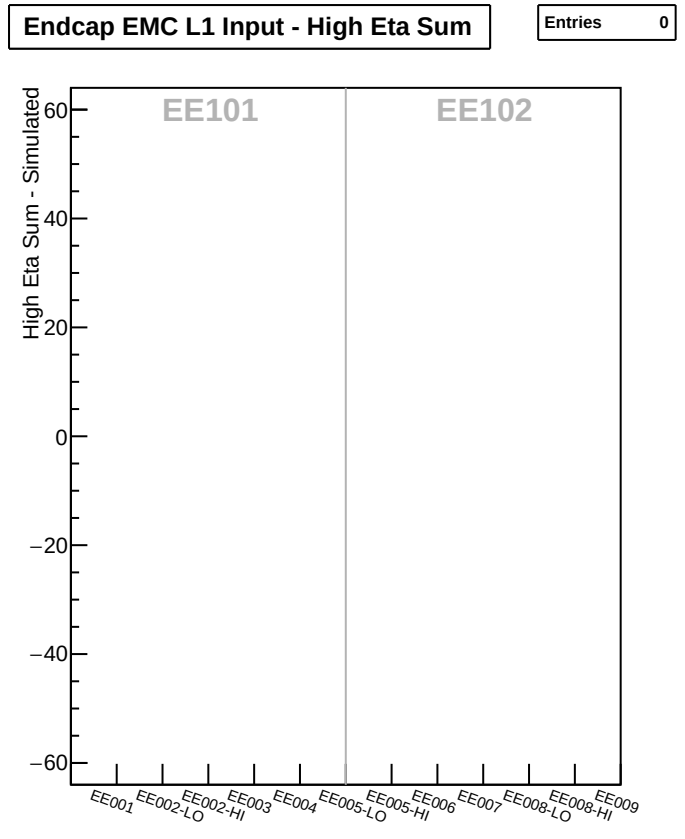

Barrel EMC L1 Input - HT.TP Bit
Entries 1.428026e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

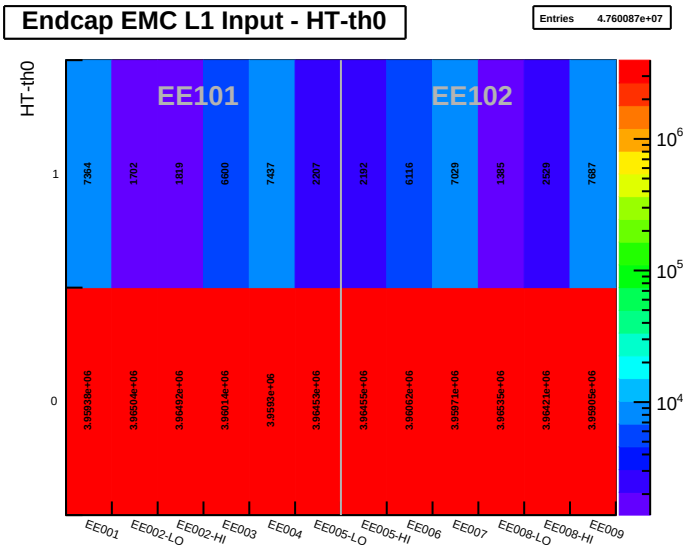

Barrel EMC L1 Input - High Tower Bits
Entries 124172
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

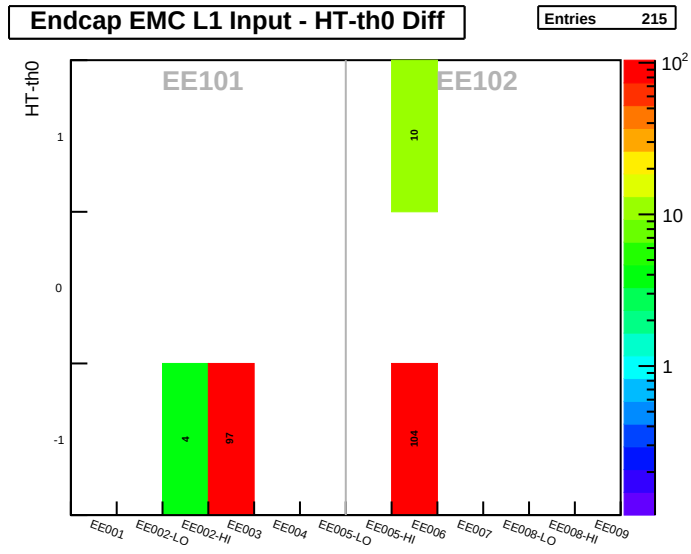

Endcap EMC L1 Input - Low Eta Sum
Entries 4.760087e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

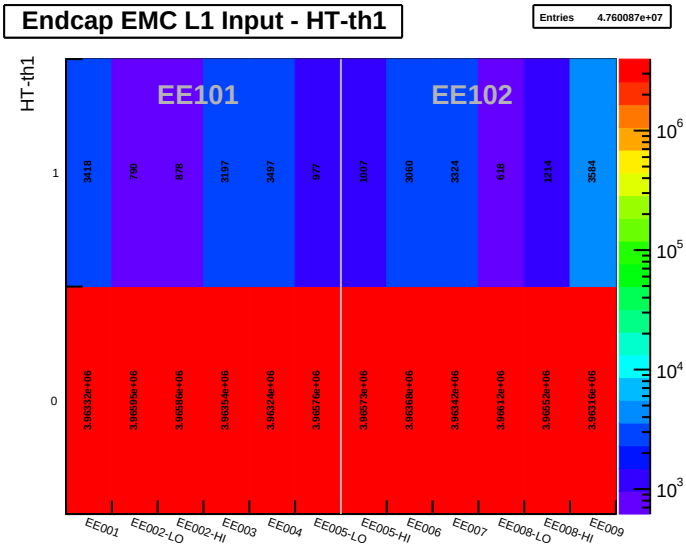

Endcap EMC L1 Input - Low Eta Sum
Entries 904624
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

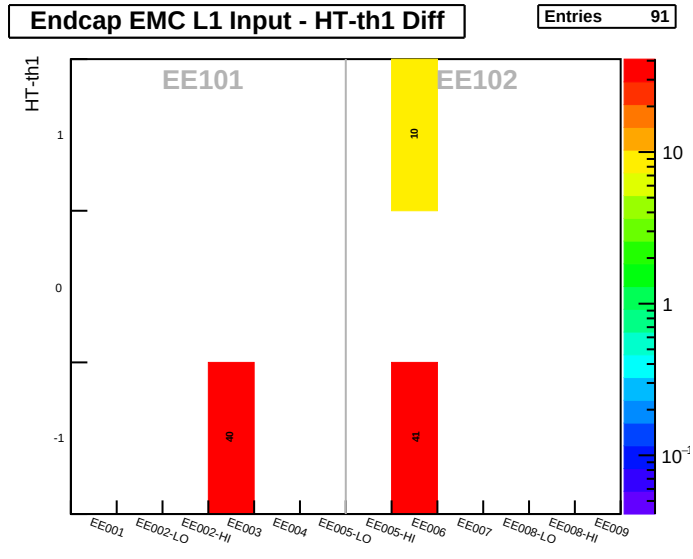

Endcap EMC L1 Input - High Eta Sum
Entries 4.760087e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

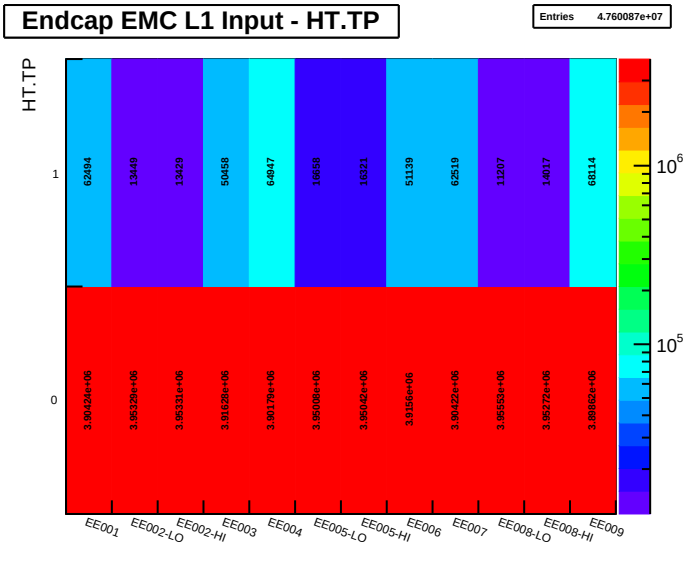

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

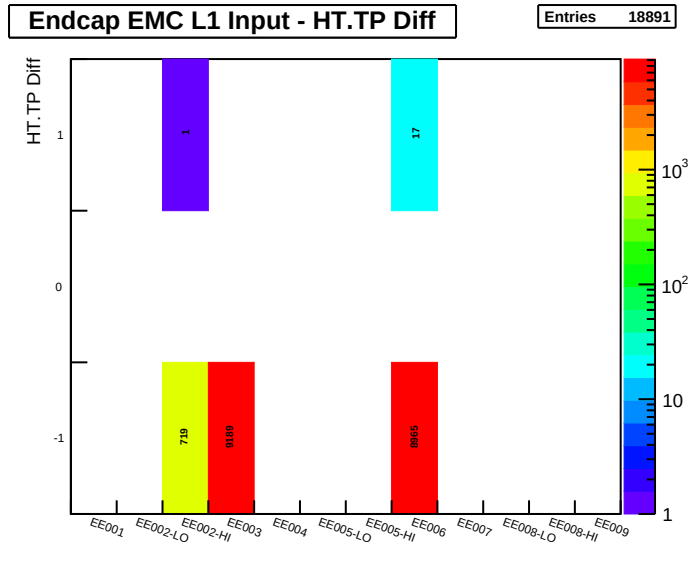

Endcap EMC L1 Input - HT-th0
Entries 4.760087e+07
HT-th0
EE101
EE102
7364 1702 1819 6800 7437 2207 2192 6116 7029 1385 2529 7687
3.99938e+06 3.96504e+06 3.96492e+06 3.96014e+06 3.9593e+06 3.96453e+06 3.96455e+06 3.96062e+06 3.95971e+06 3.96035e+06 3.96421e+06 3.99805e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

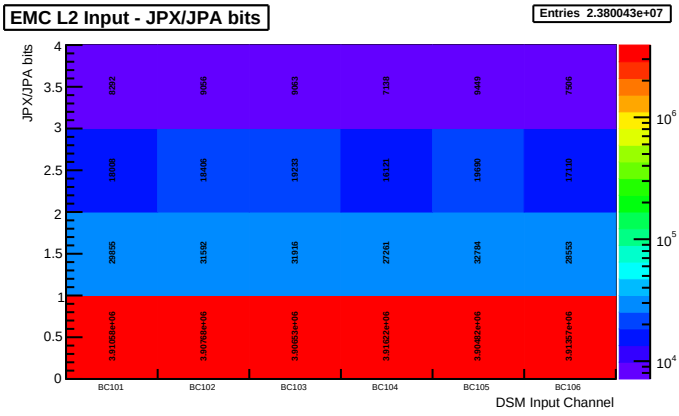

Endcap EMC L1 Input - HT-th0 Diff
Entries 215
HT-th0
EE101
EE102
10
4 97 104
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

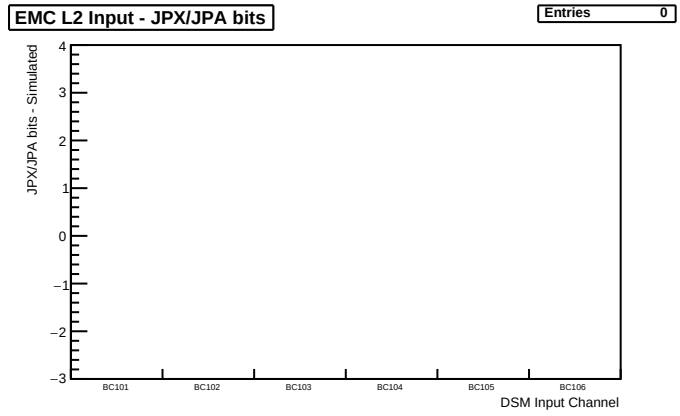

Endcap EMC L1 Input - HT-th1
Entries 4.760087e+07
HT-th1
EE101
EE102
3418 790 878 3197 3497 977 1007 3060 3324 618 1214 3584
3.96332e+06 3.96595e+06 3.96586e+06 3.96354e+06 3.96324e+06 3.96576e+06 3.96573e+06 3.96368e+06 3.96342e+06 3.96612e+06 3.96552e+06 3.96316e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

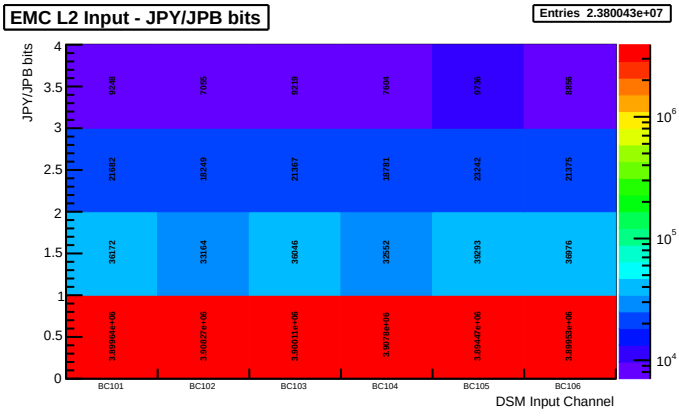

Endcap EMC L1 Input - HT-th1 Diff
Entries 91
HT-th1
EE101
EE102
10
40 41
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

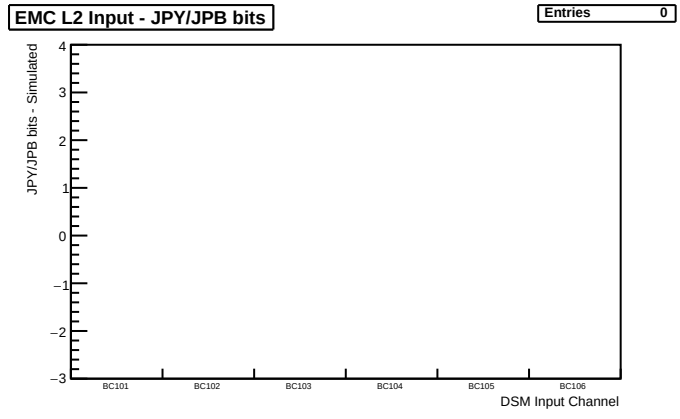

Endcap EMC L1 Input - HT.TP
Entries 4.760087e+07
HT.TP
62494 13449 13429 50458 6947 16658 16321 51139 62519 11207 14017 68114
3.90424e+06 3.95329e+05 3.90331e+06 3.91628e+06 3.90179e+06 3.95008e+05 3.95042e+05 3.9156e+06 3.90422e+05 3.90553e+06 3.95272e+06 3.89862e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

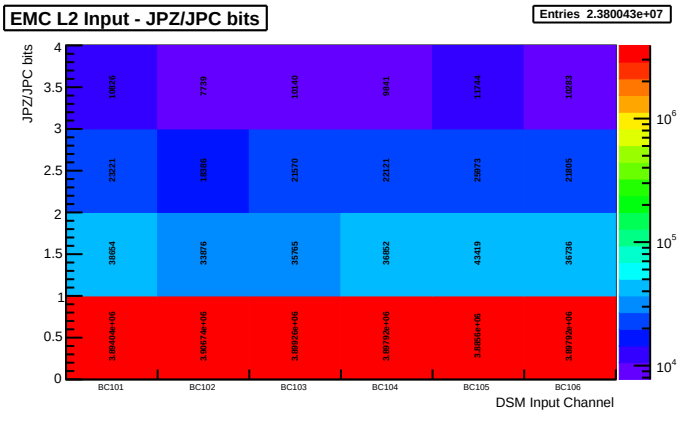

Endcap EMC L1 Input - HT.TP Diff
Entries 18891
HT.TP Diff
1
17
719 9189 8965
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

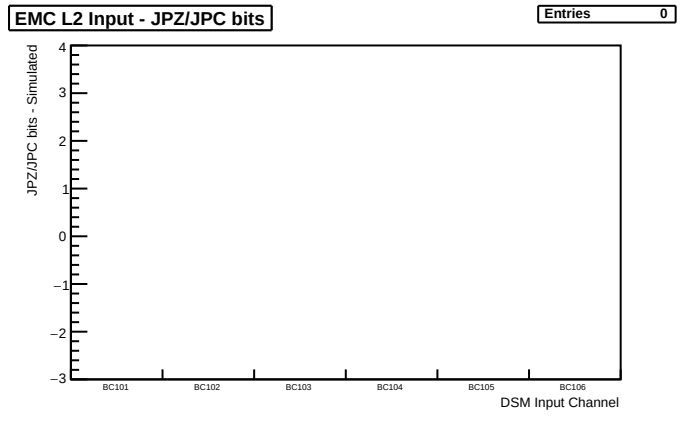

EMC L2 Input - JPX/JPA bits
Entries 2.380043e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

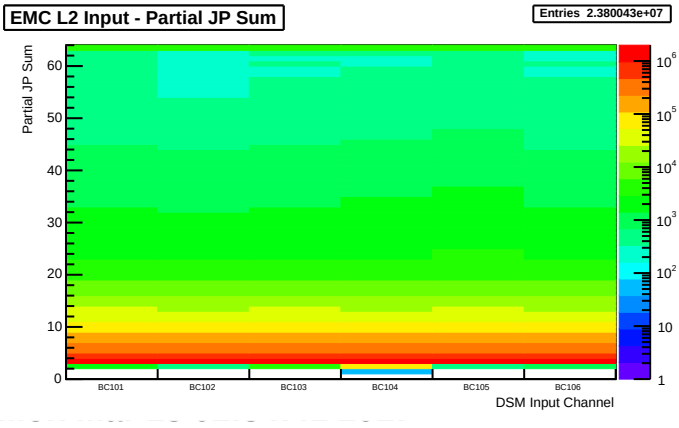

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

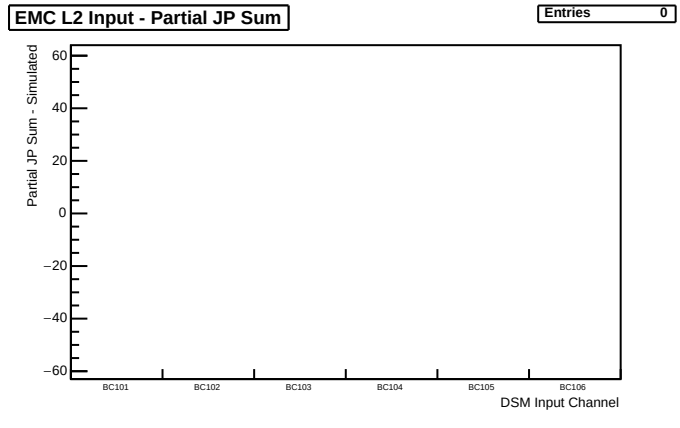

EMC L2 Input - JPY/JPB bits
Entries 2.380043e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

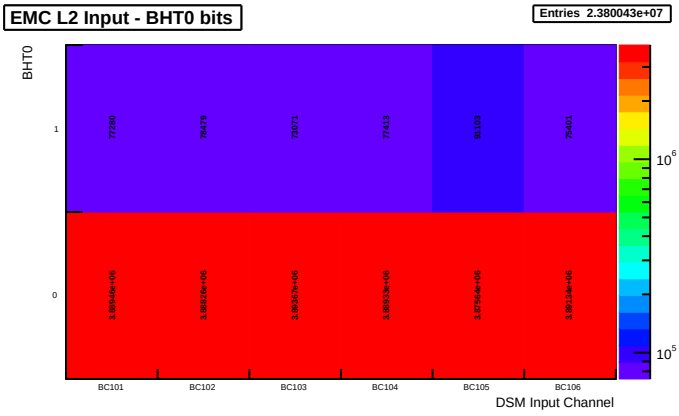

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

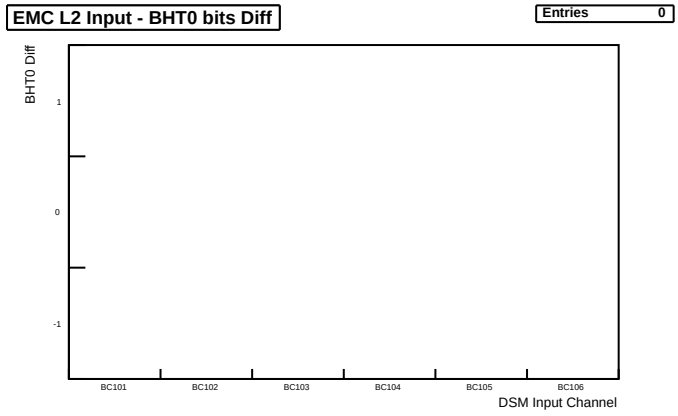

EMC L2 Input - JPZ/JPC bits
Entries 2.380043e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

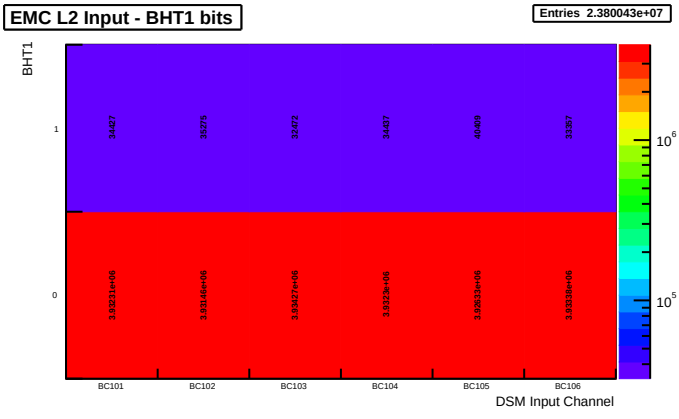

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

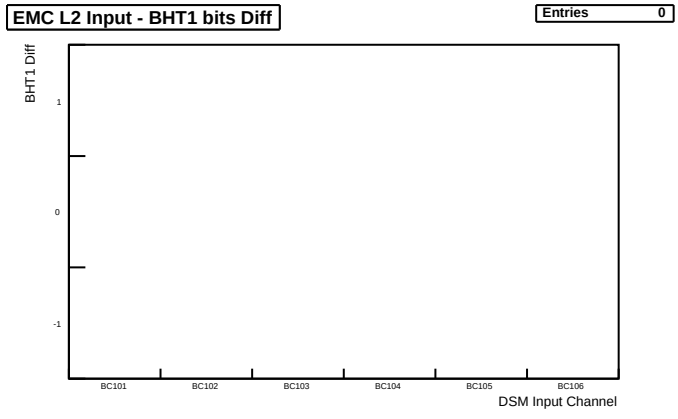

EMC L2 Input - Partial JP Sum
Entries 2.380043e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

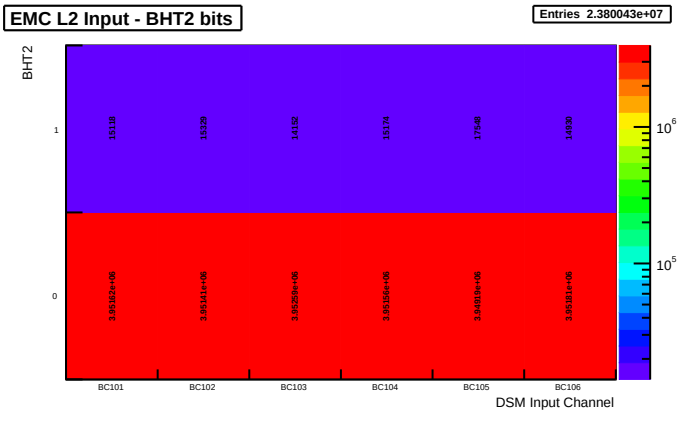

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

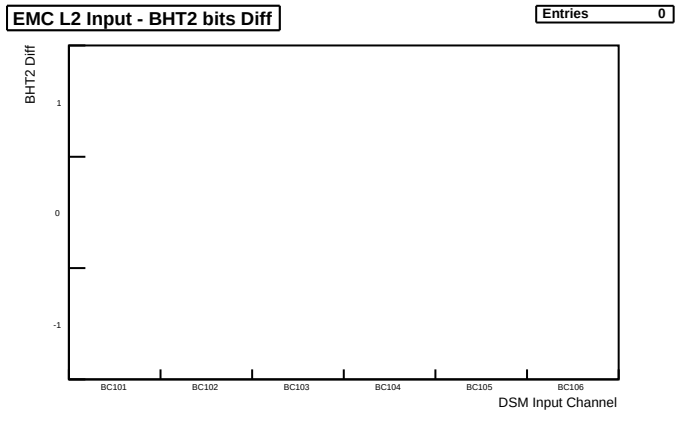

EMC L2 Input - BHT0 bits
Entries 2.380043e+07
BHT0
1
0
77230
78479
72071
77413
91103
75401
3.83949e+06
3.88326e+06
3.89367e+06
3.89313e+06
3.87564e+06
3.89134e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

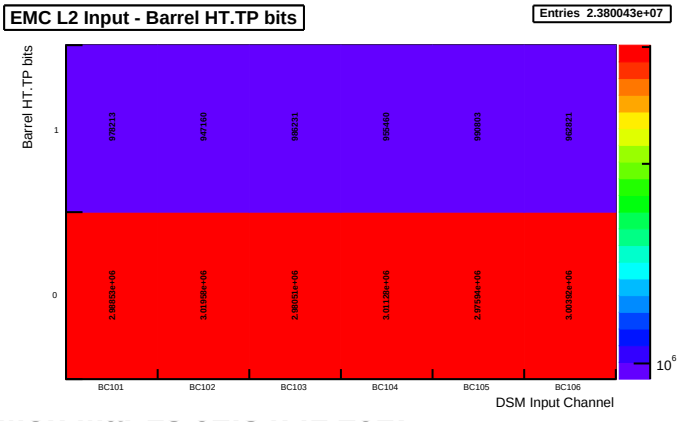

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

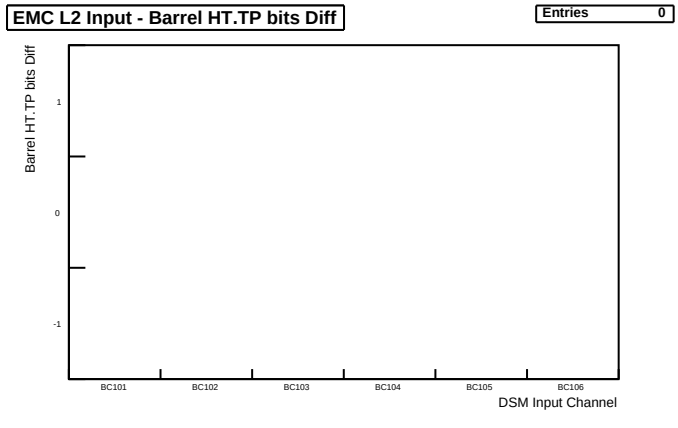

EMC L2 Input - BHT1 bits
Entries 2.380043e+07
BHT1
1
0
34427
35275
32472
34407
40409
33357
3.93231e+06
3.93146e+06
3.93427e+06
3.93323e+06
3.92533e+06
3.93338e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

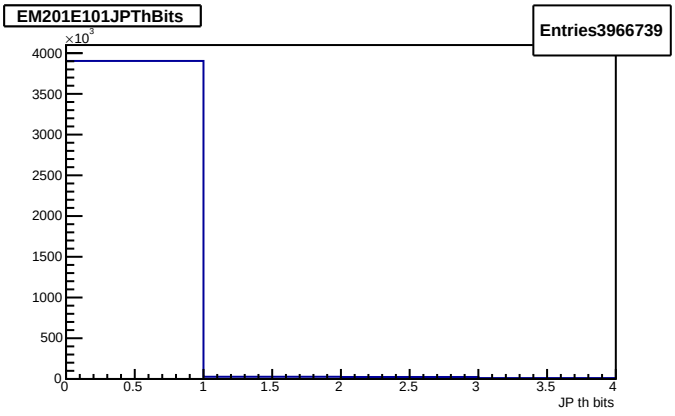

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

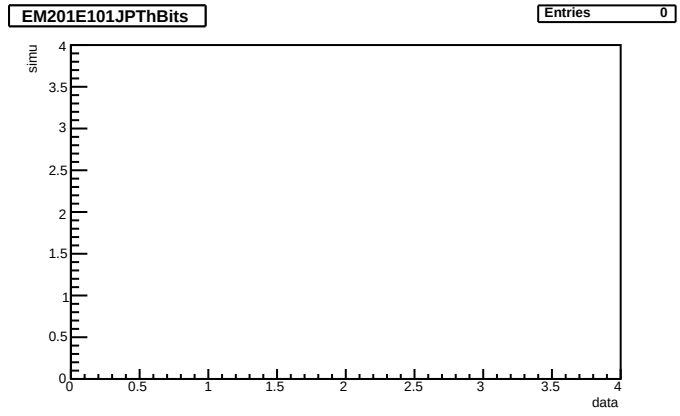

EMC L2 Input - BHT2 bits
Entries 2.380043e+07
BHT2
1
0
15118
15329
14152
15174
17548
14930
3.95162e+06
3.95141e+06
3.95259e+06
3.95156e+06
3.94919e+06
3.95181e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

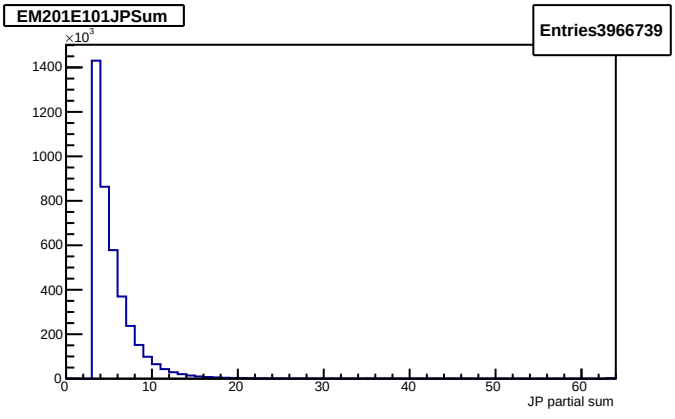

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

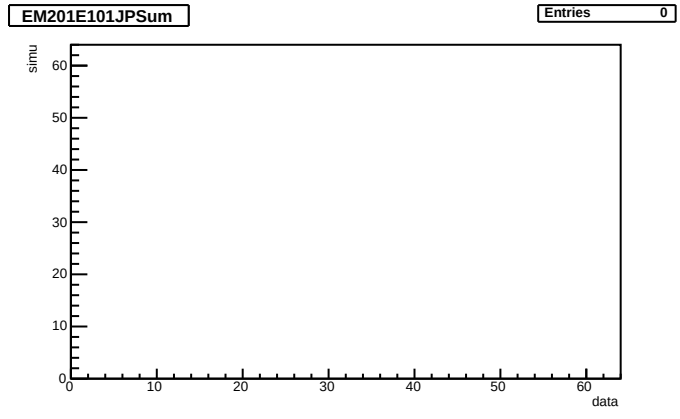

EMC L2 Input - Barrel HT.TP bits
Entries 2.380043e+07
Barrel HT.TP bits
1
0
978213
947169
986231
955460
990903
962821
2.98833e+06
3.01958e+06
2.98051e+06
3.01128e+06
2.97594e+06
3.00392e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

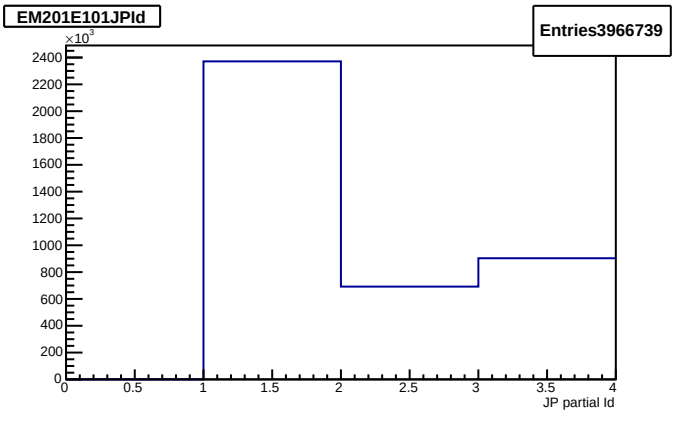

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

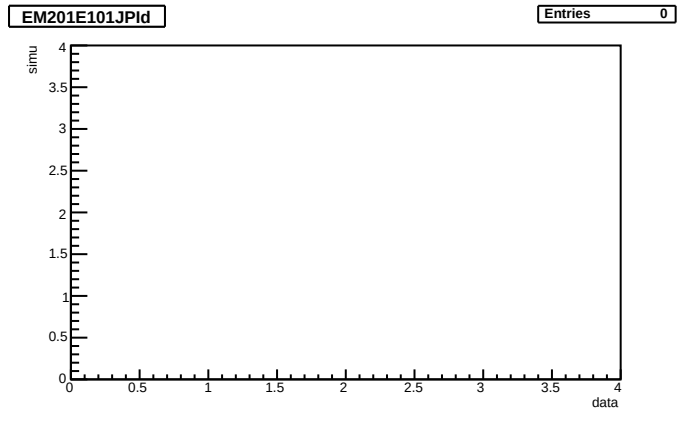

EM201E101JPThBits
Entries3966739
×10^3
JP th bits

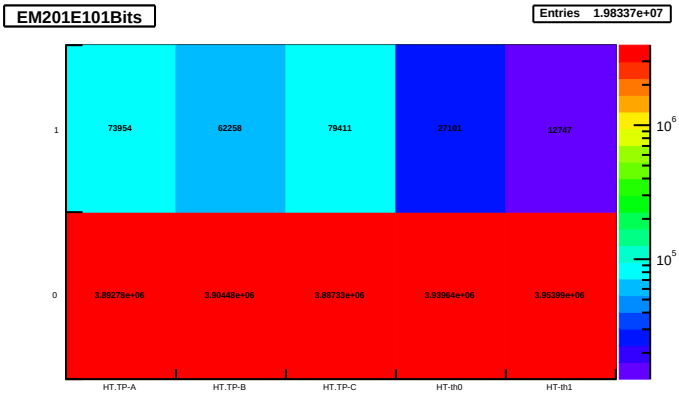

EM201E101JPThBits
Entries 0
simu
data

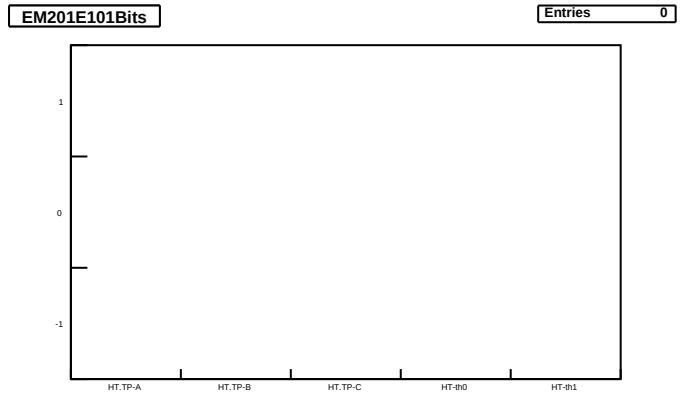

EM201E101JPSum
Entries3966739
×10^3
JP partial sum

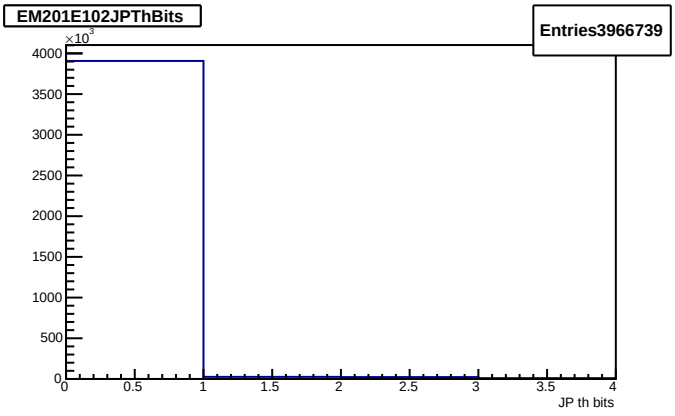

EM201E101JPSum
Entries 0
simu
data

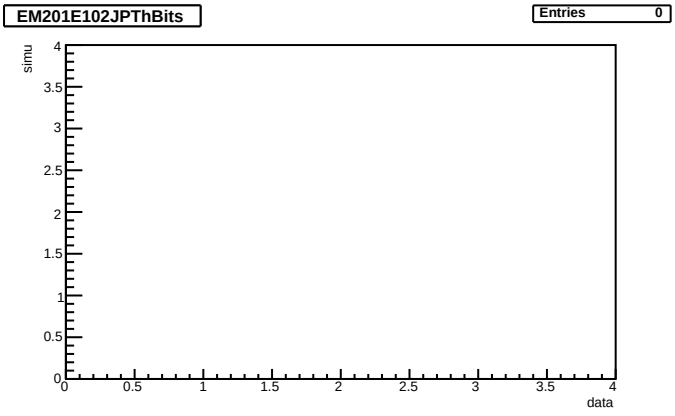

EM201E101JPId
Entries3966739
×10^3
JP partial Id

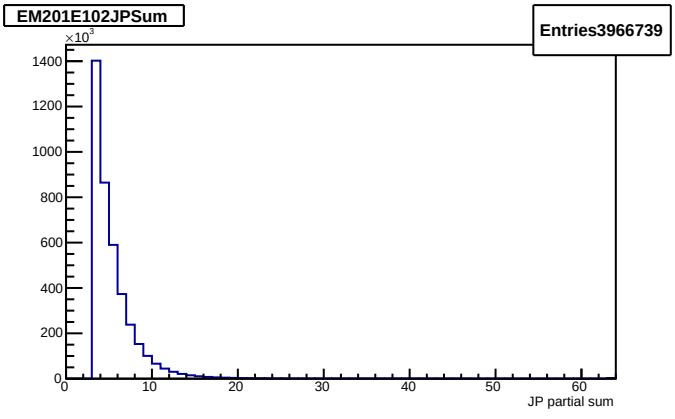

EM201E101JPId
Entries 0
simu
data

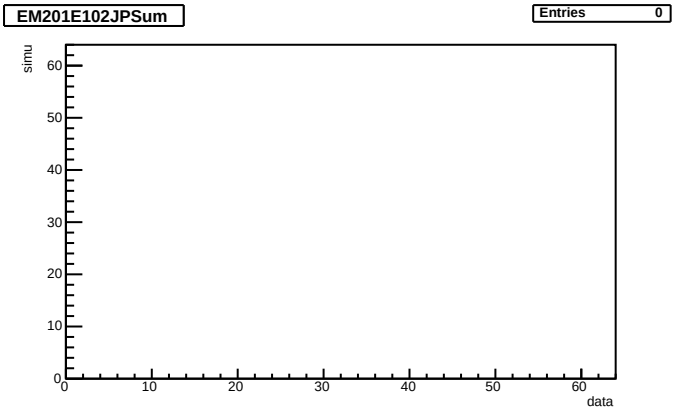

EM201E101Bits
Entries 1.98337e+07
73954
62258
79411
27101
12747
3.89278e+06
3.90448e+06
3.88733e+06
3.93964e+06
3.95399e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

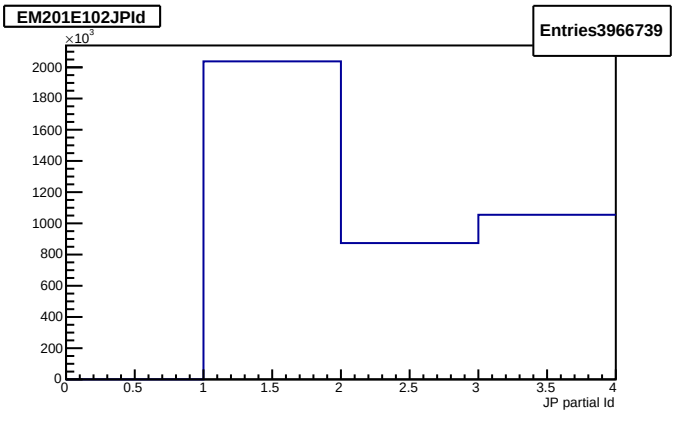

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

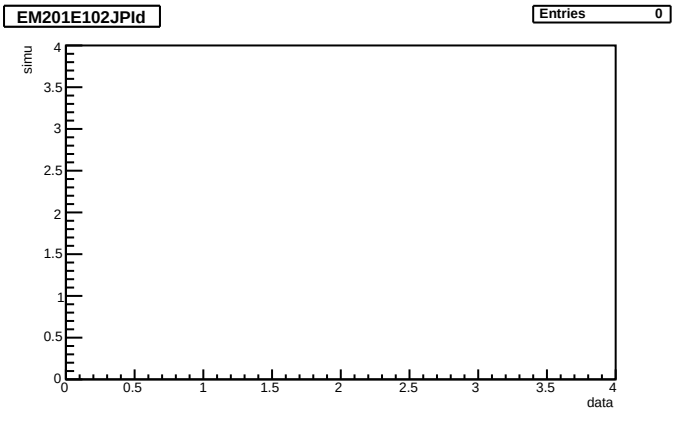

EM201E102JPThBits
Entries3966739
×10^3
JP th bits

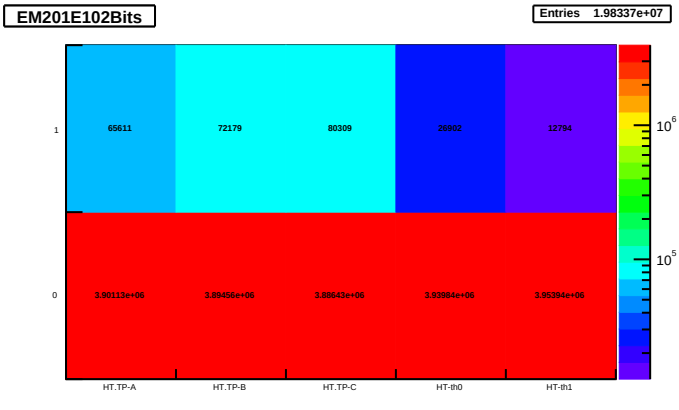

EM201E102JPThBits
Entries 0
simu
data

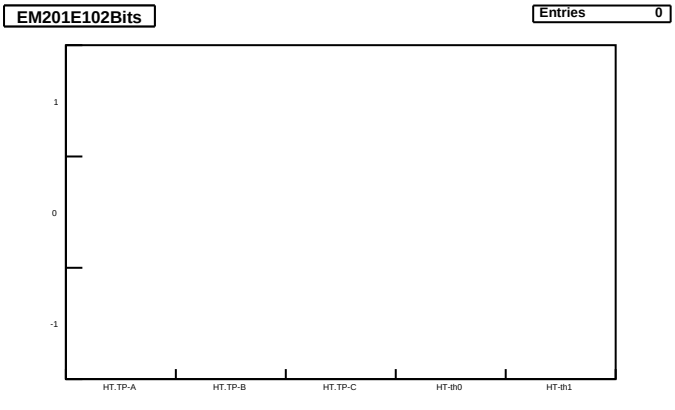

EM201E102JPSum
Entries3966739
×10^3
JP partial sum

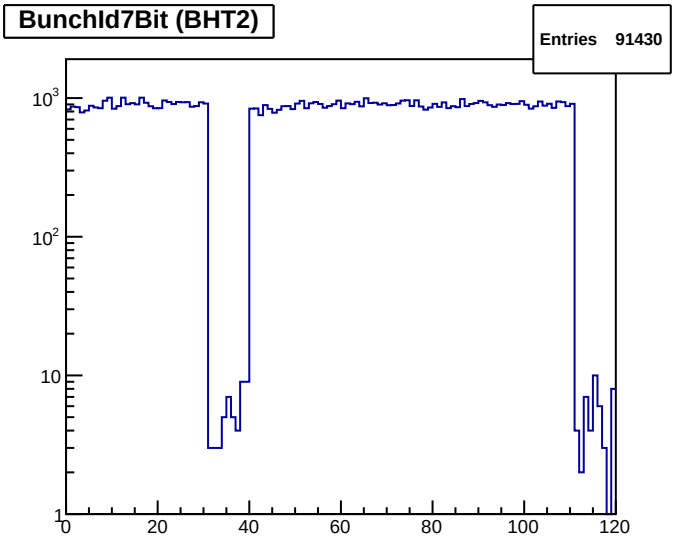

EM201E102JPSum
Entries 0
simu
data

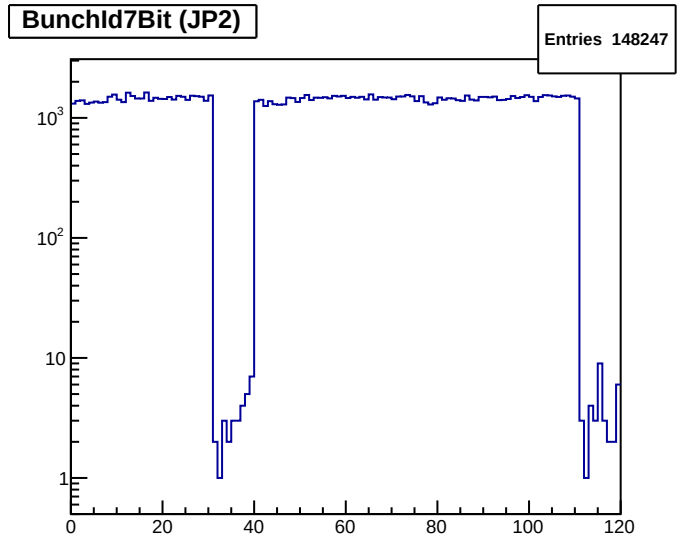

EM201E102JPId
Entries3966739
×10^3
JP partial Id

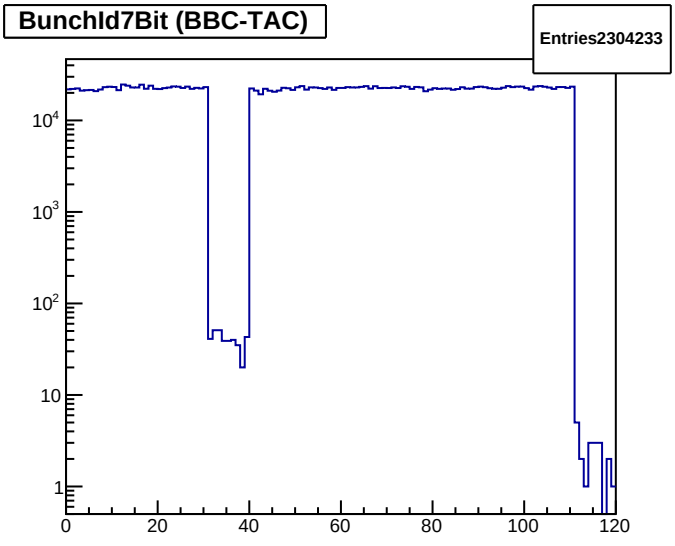

EM201E102JPId
Entries 0
simu
data

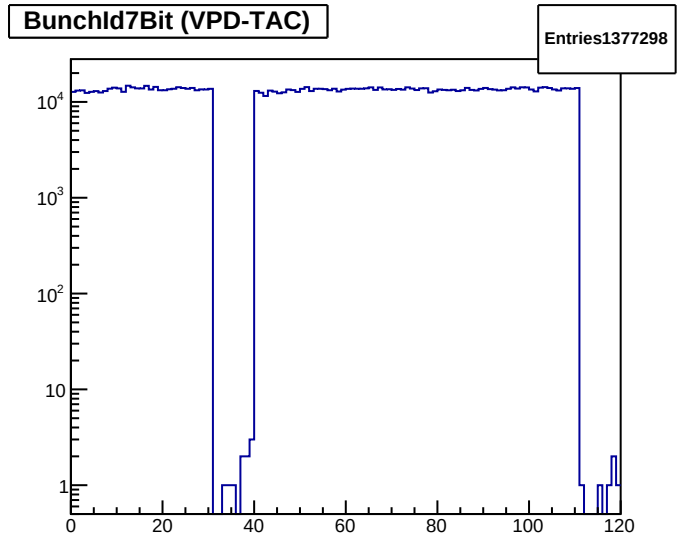

EM201E102Bits
Entries 1.98337e+07
65611
72179
80309
20902
12794
3.90113e+06
3.89456e+06
3.88643e+06
3.93984e+06
3.95394e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

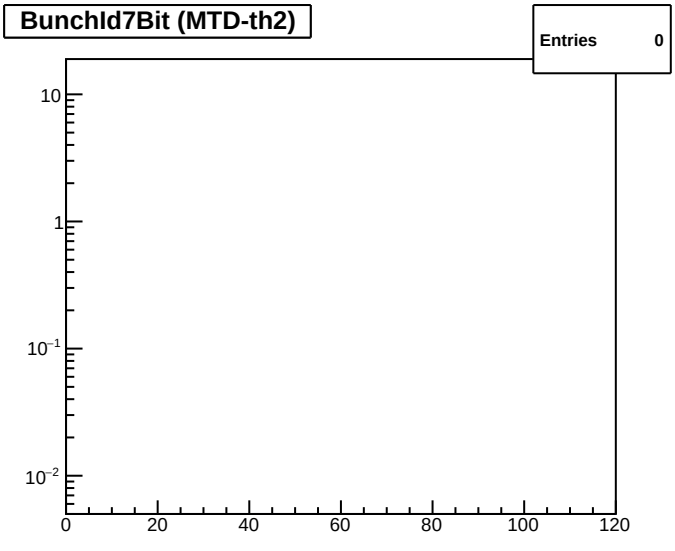

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

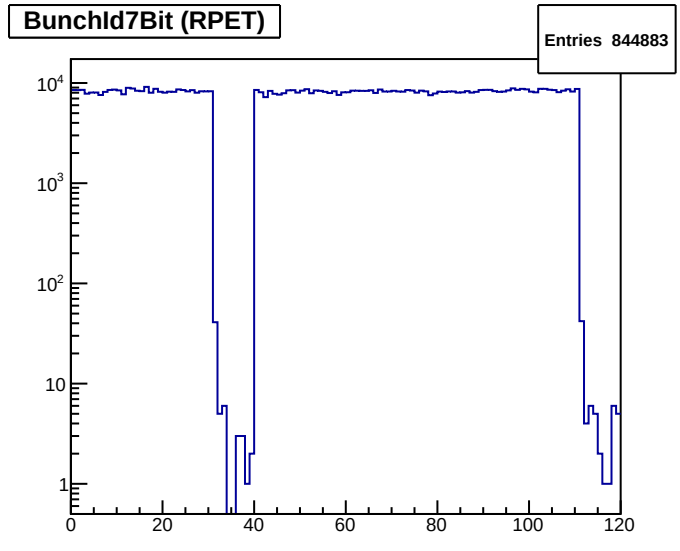

BunchId7Bit (BHT2)
Entries 91430

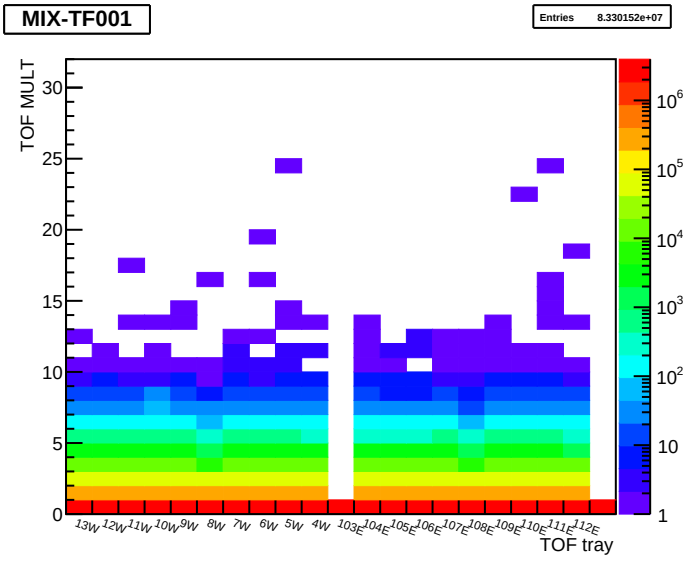

BunchId7Bit (JP2)
Entries 148247

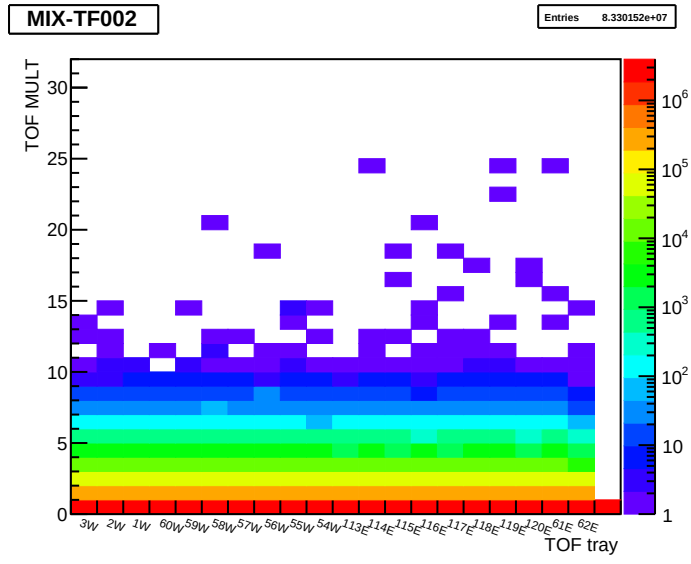

BunchId7Bit (BBC-TAC)
Entries2304233

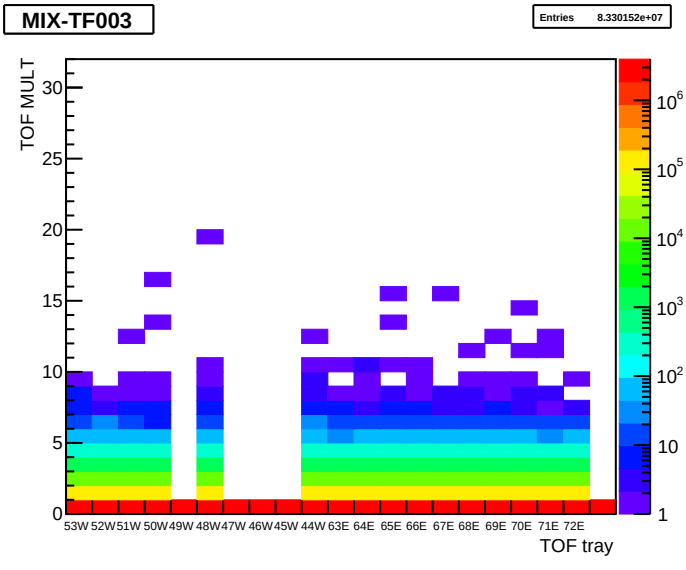

BunchId7Bit (VPD-TAC)
Entries1377298

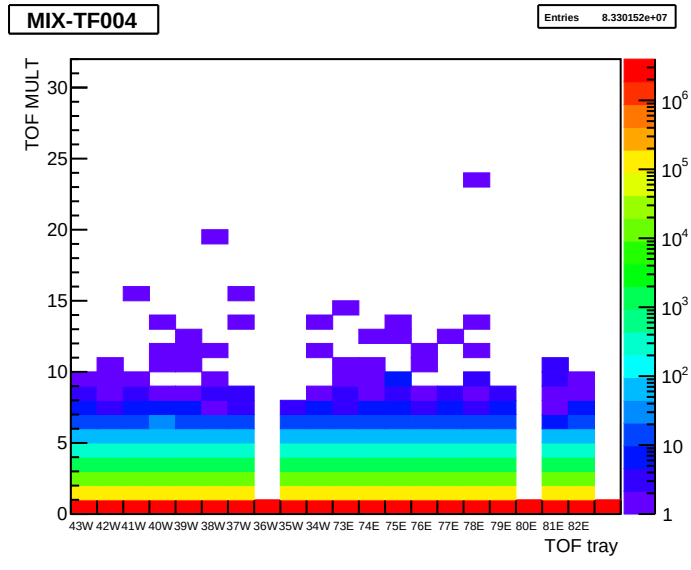

BunchId7Bit (MTD-th2)
Entries 0

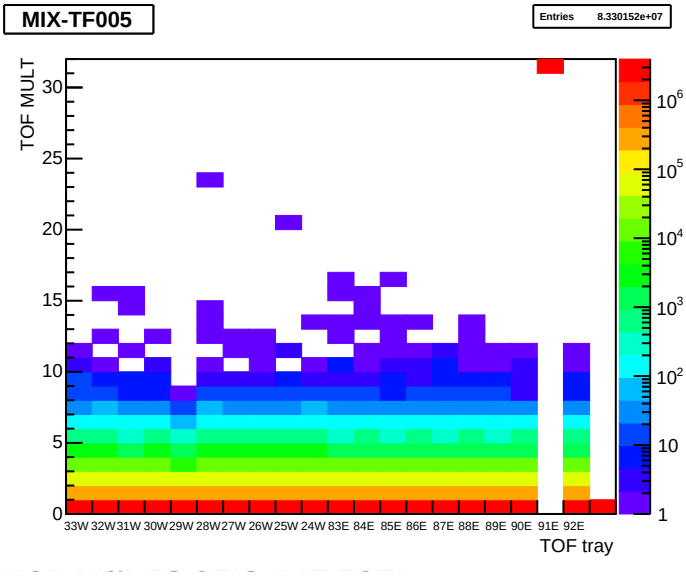

BunchId7Bit (RPET)
Entries 844883

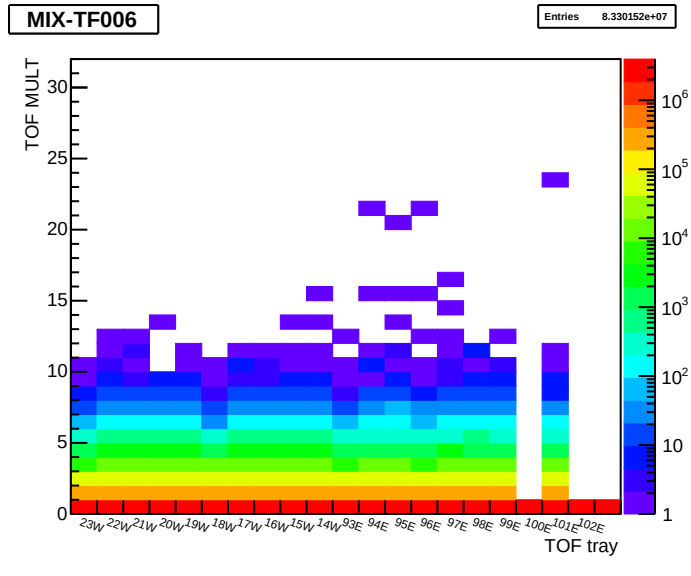

MIX-TF001
Entries 8.330152e+07
TOF MULT
TOF tray

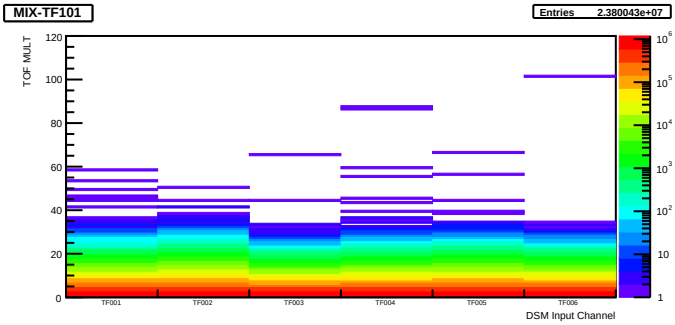

MIX-TF002
Entries 8.330152e+07
TOF MULT
TOF tray

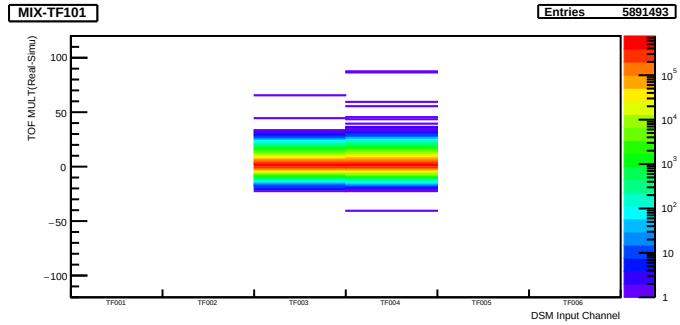

MIX-TF003
Entries 8.330152e+07
TOF MULT
TOF tray

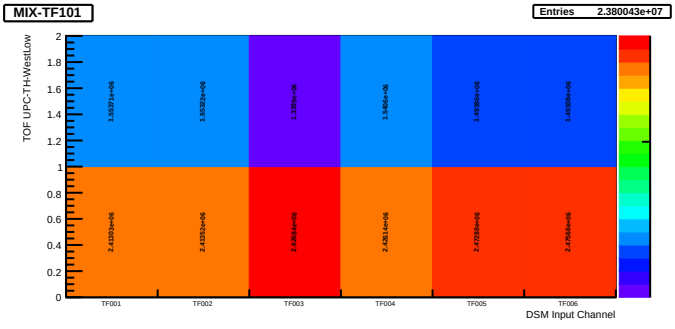

MIX-TF004
Entries 8.330152e+07
TOF MULT
TOF tray

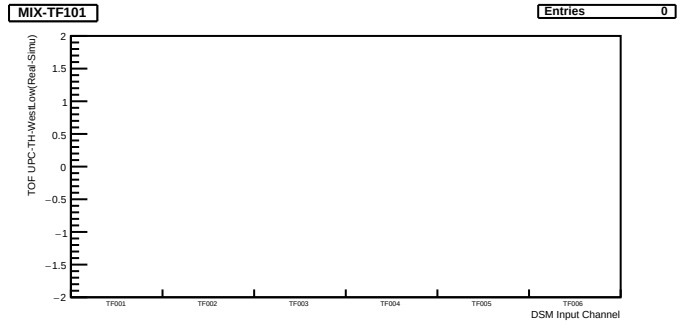

MIX-TF005
Entries 8.330152e+07
TOF MULT
TOF tray

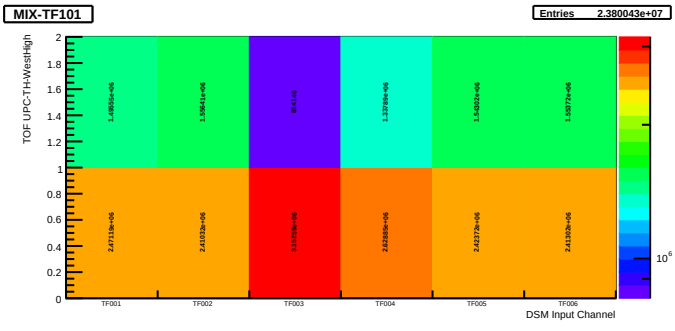

MIX-TF006
Entries 8.330152e+07
TOF MULT
TOF tray

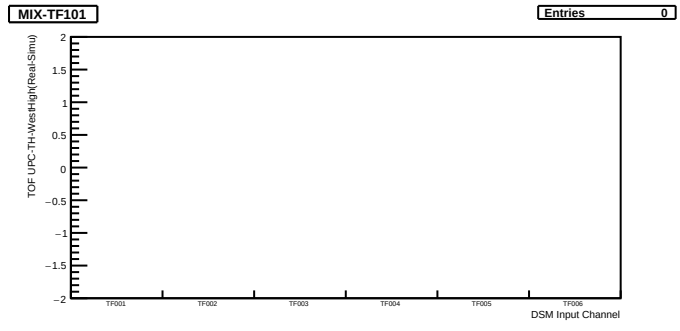

MIX-TF101
Entries 2.380043e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

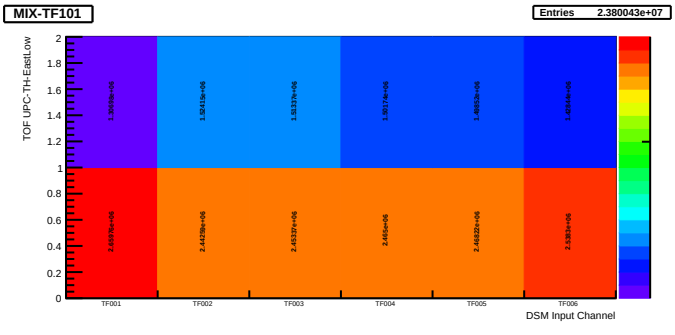

MIX-TF101
Entries 5891493
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

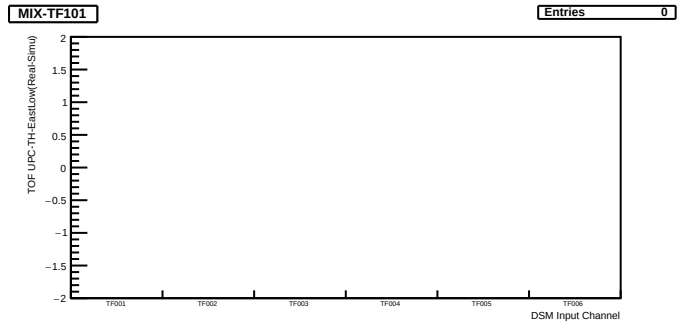

MIX-TF101
Entries 2.380043e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

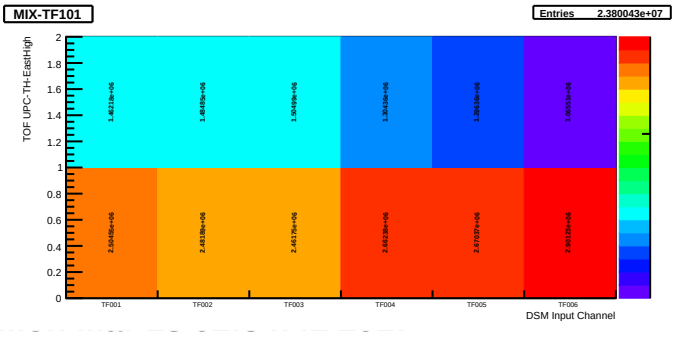

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

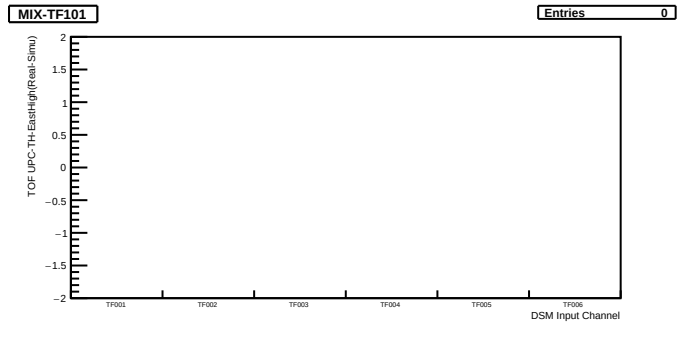

MIX-TF101
Entries 2.380043e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

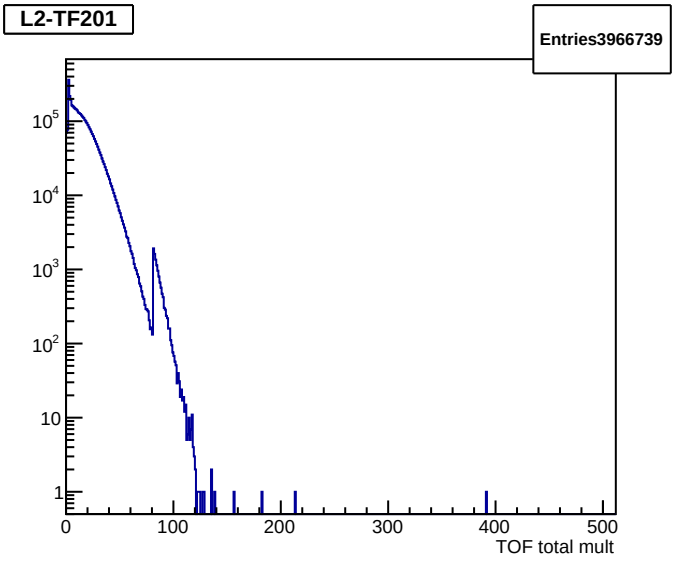

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

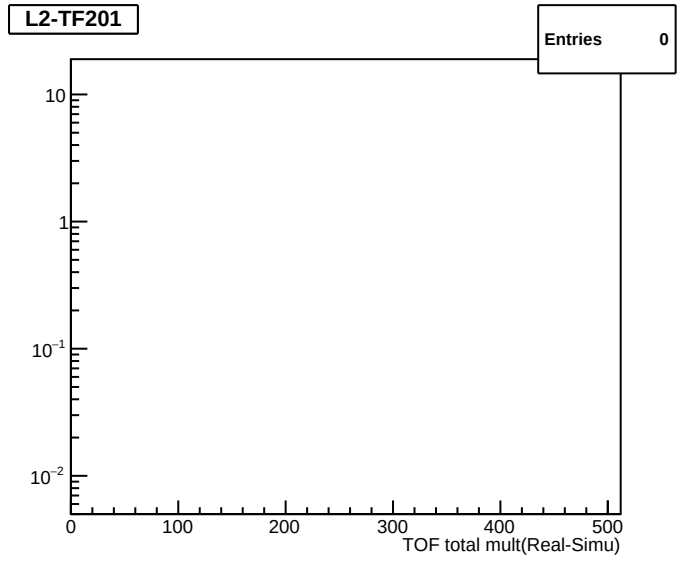

MIX-TF101
Entries 2.380043e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

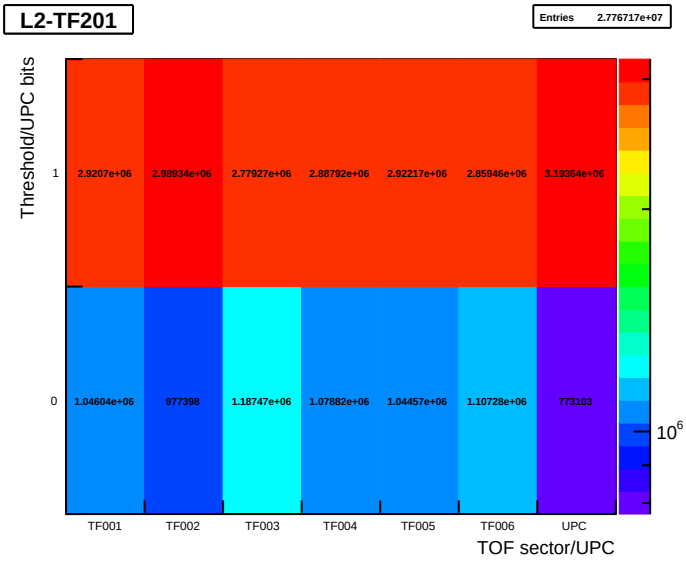

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

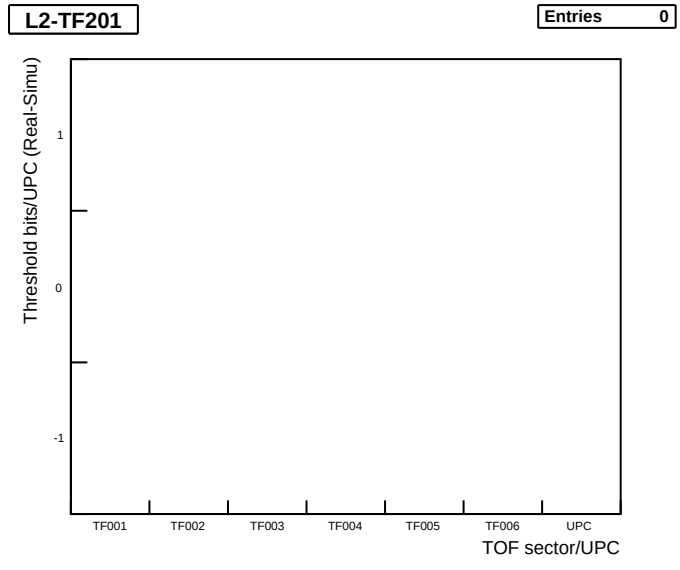

MIX-TF101
Entries 2.380043e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

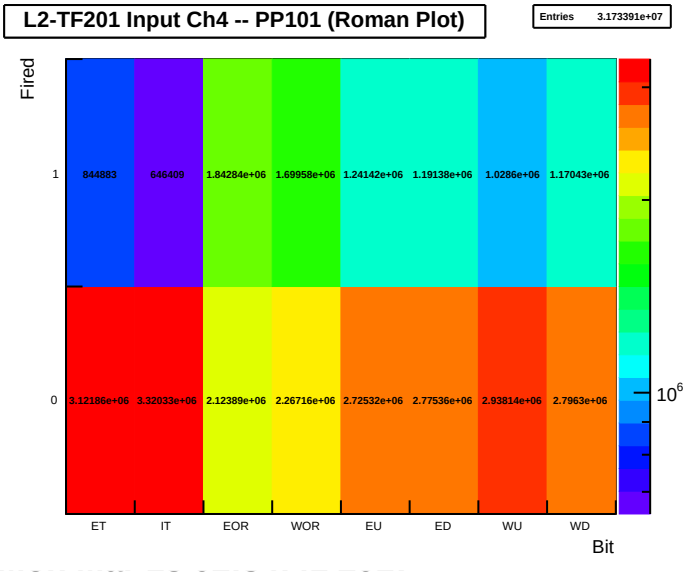

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

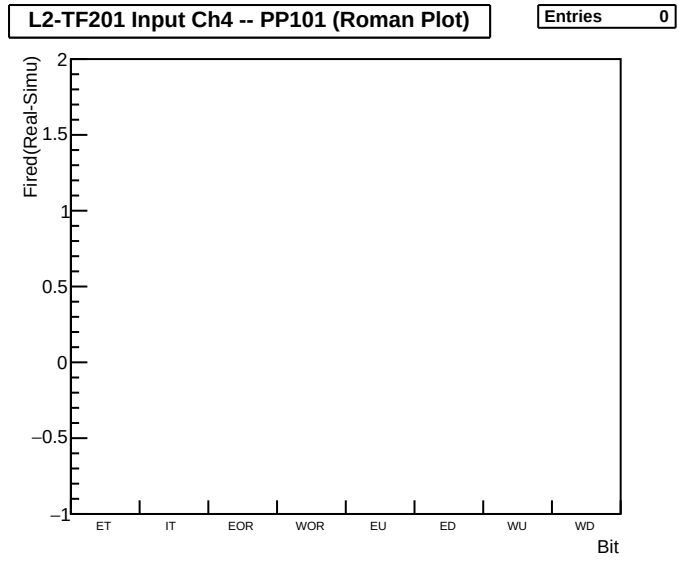

L2-TF201
Entries3966739
TOF total mult

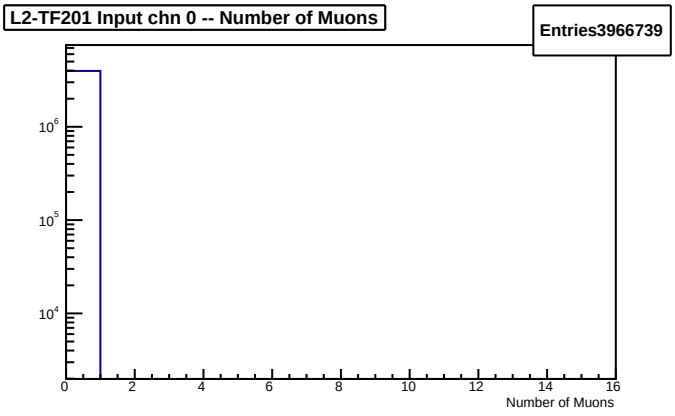

L2-TF201
Entries 0
TOF total mult(Real-Simu)

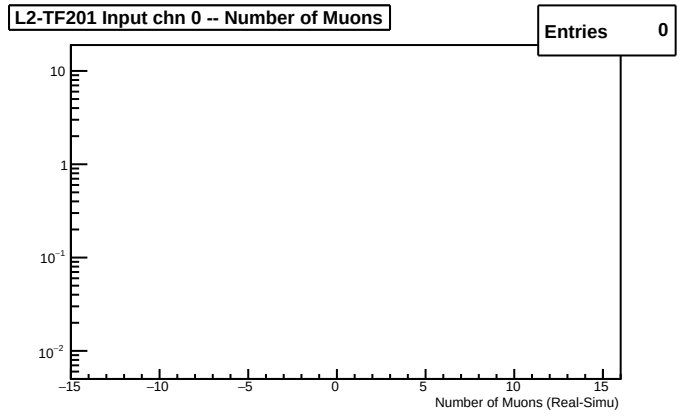

L2-TF201
Entries 2.776717e+07
Threshold/UPC bits
2.9207e+06
2.98934e+06
2.77927e+06
2.88792e+06
2.92217e+06
2.85946e+06
3.19364e+06
1.04604e+06
977398
1.18747e+06
1.07882e+06
1.04457e+06
1.10728e+06
773103
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

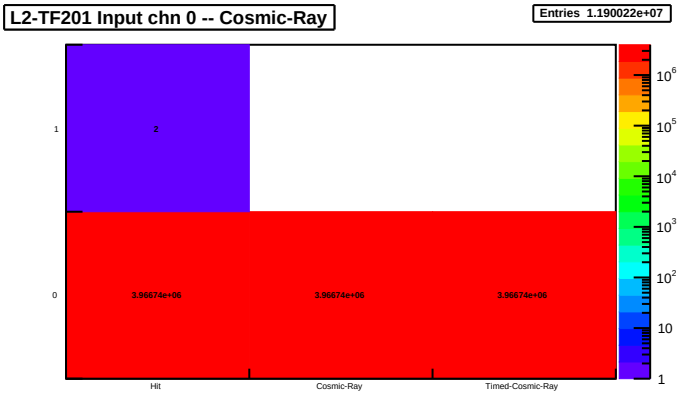

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

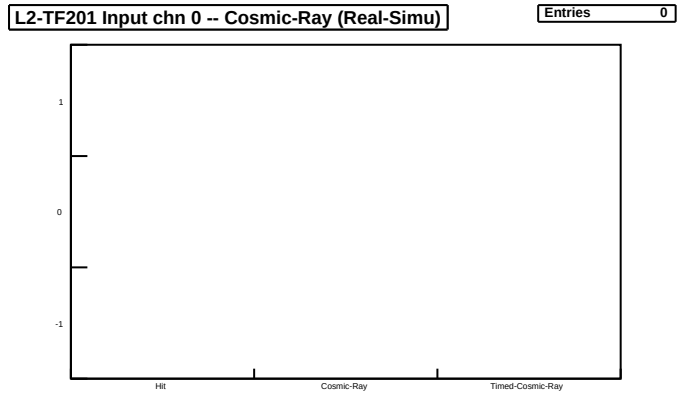

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.173391e+07
Fired
844883
646409
1.84284e+06
1.69958e+06
1.24142e+06
1.19138e+06
1.0286e+06
1.17043e+06
3.12186e+06
3.32033e+06
2.12389e+06
2.26716e+06
2.72532e+06
2.77536e+06
2.93814e+06
2.7963e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

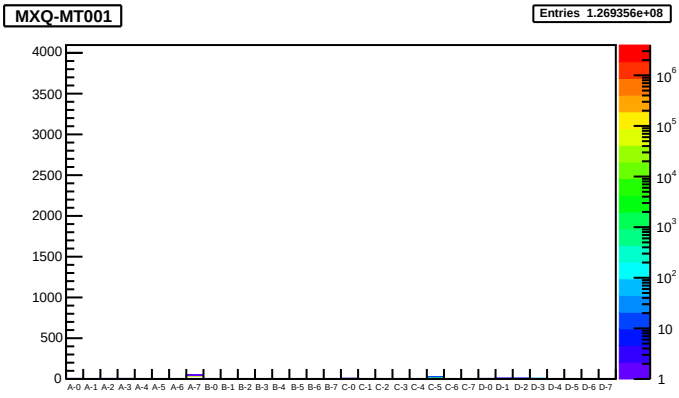

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

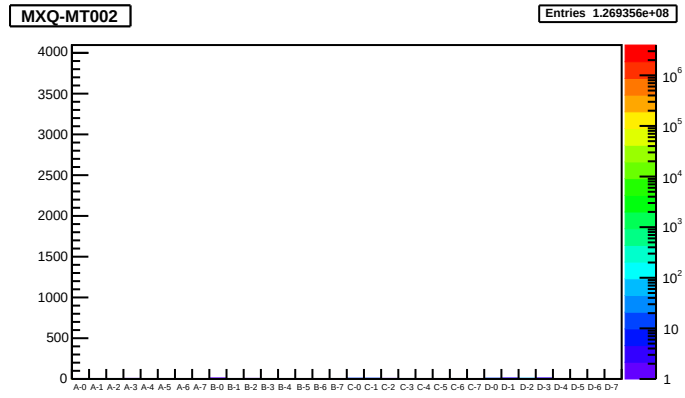

L2-TF201 Input chn 0 -- Number of Muons
Entries3966739
Number of Muons

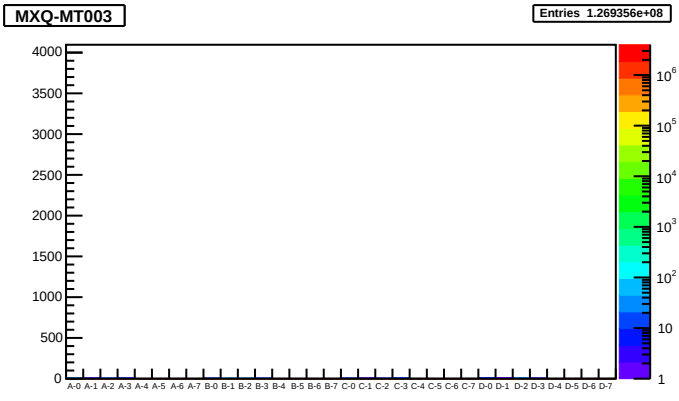

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

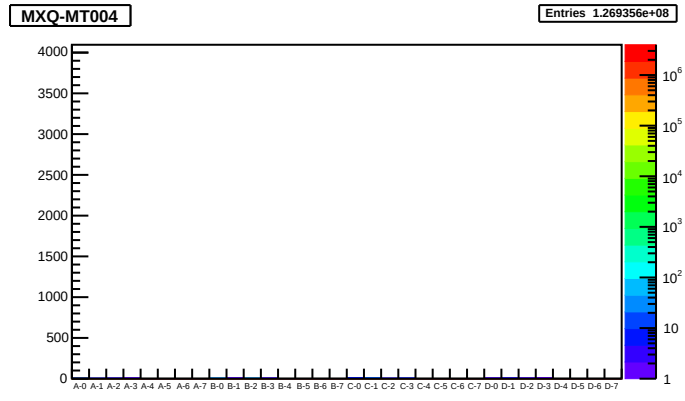

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.190022e+07
2
3.96674e+06
3.96674e+06
3.96674e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

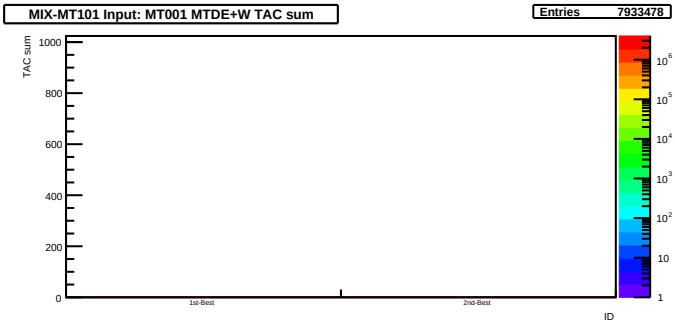

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

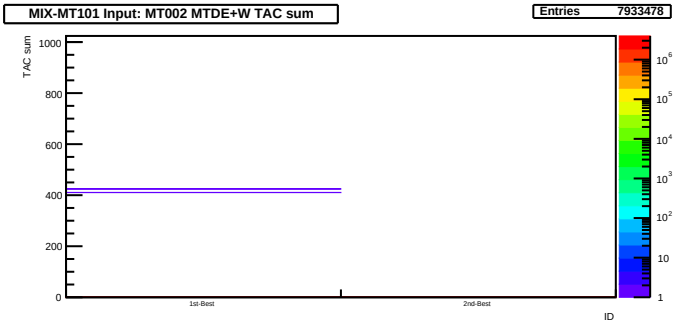

MXQ-MT001
Entries 1.269356e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

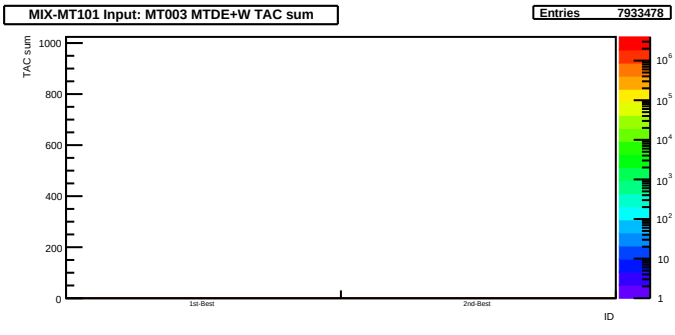

MXQ-MT002
Entries 1.269356e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

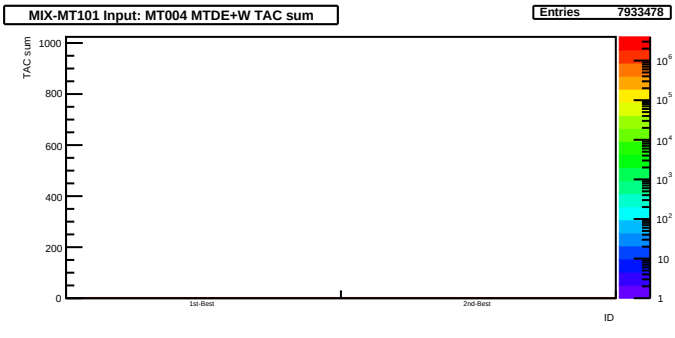

MXQ-MT003
Entries 1.269356e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

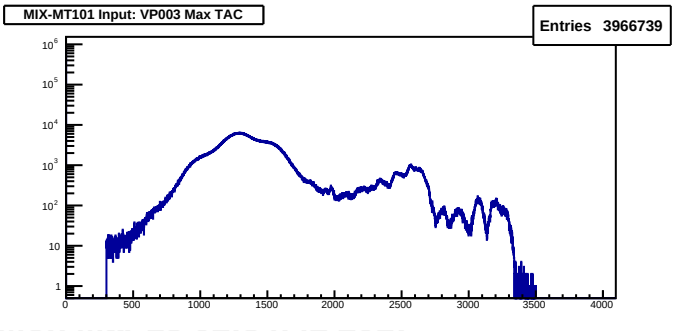

MXQ-MT004
Entries 1.269356e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

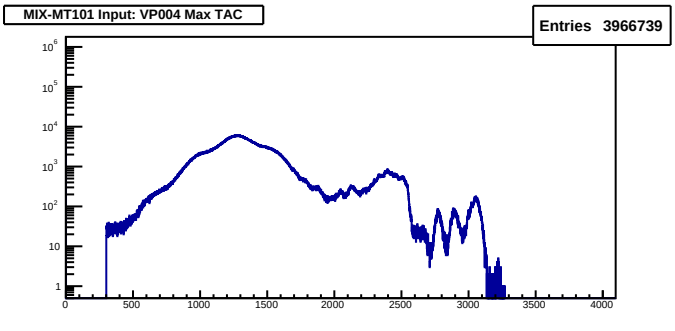

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 7933478
TAC sum
1st-Best
2nd-Best
ID

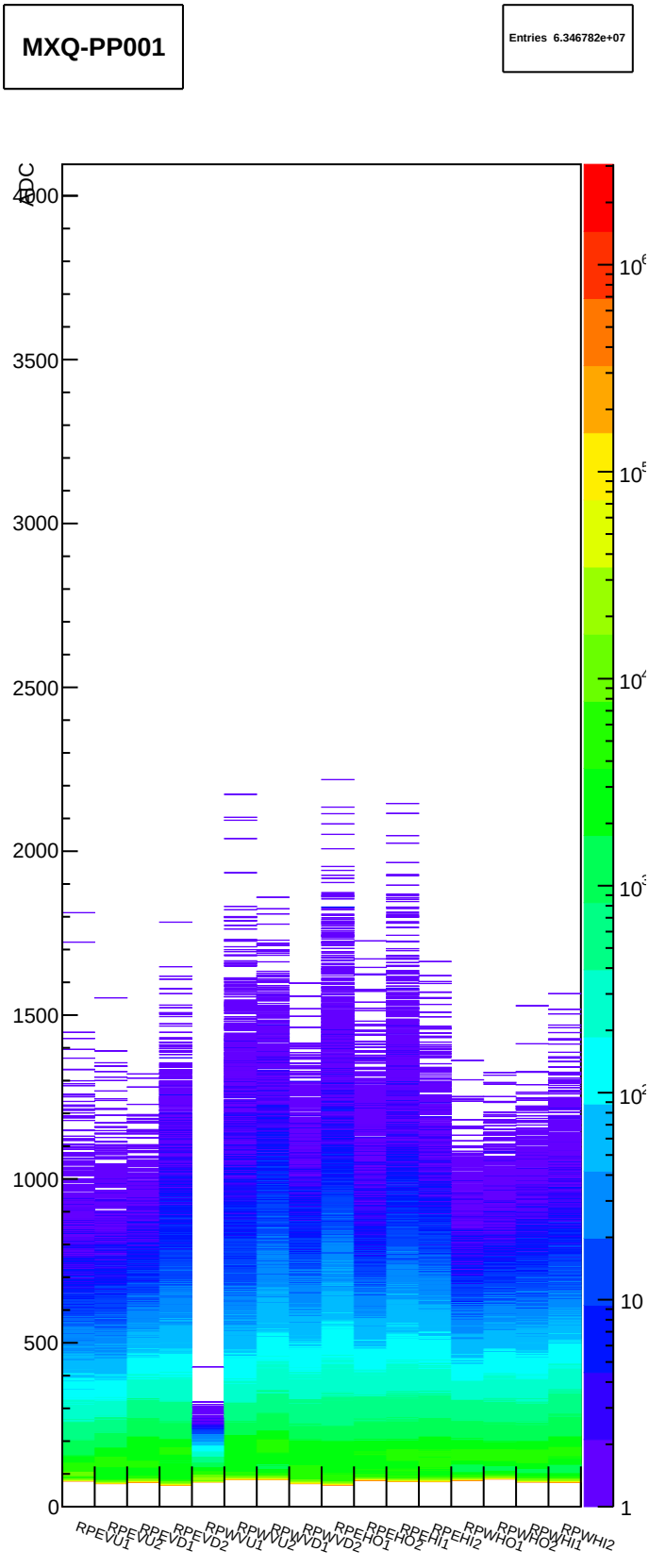

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 7933478
TAC sum
1st-Best
2nd-Best
ID

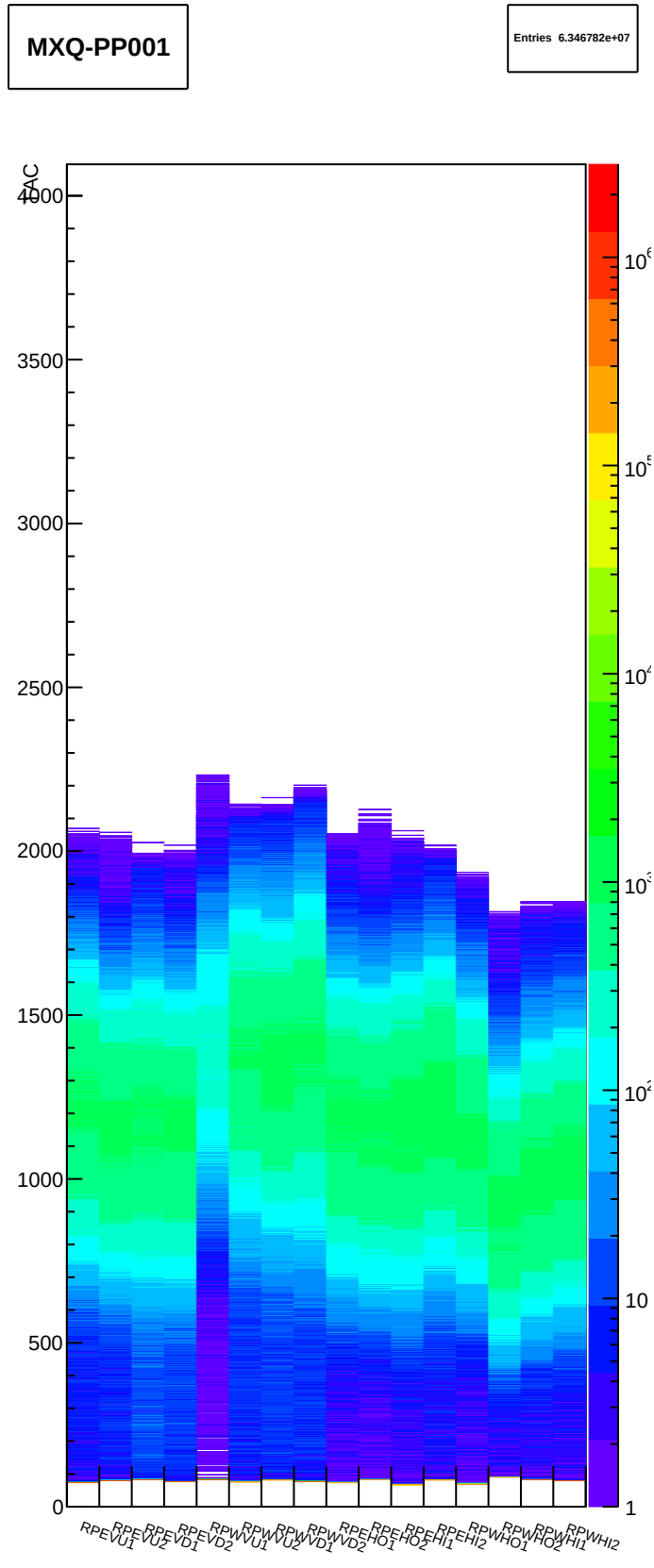

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 7933478
TAC sum
1st-Best
2nd-Best
ID

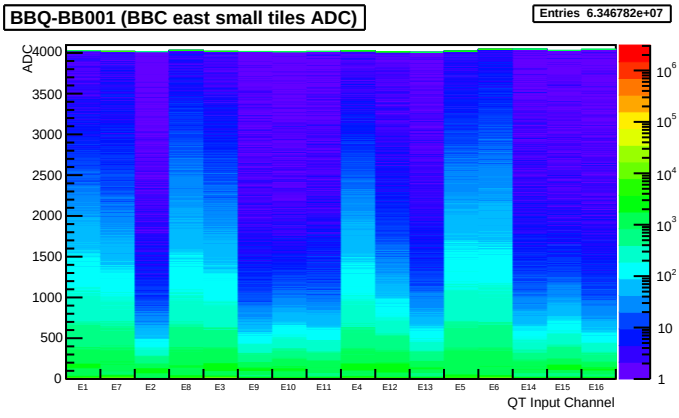

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 7933478
TAC sum
1st-Best
2nd-Best
ID

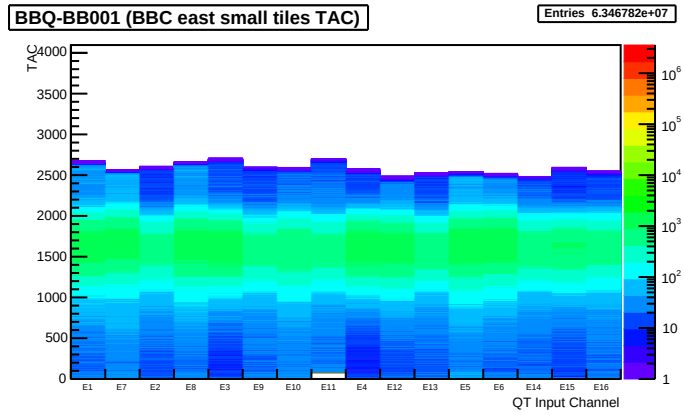

MIX-MT101 Input: VP003 Max TAC
Entries 3966739

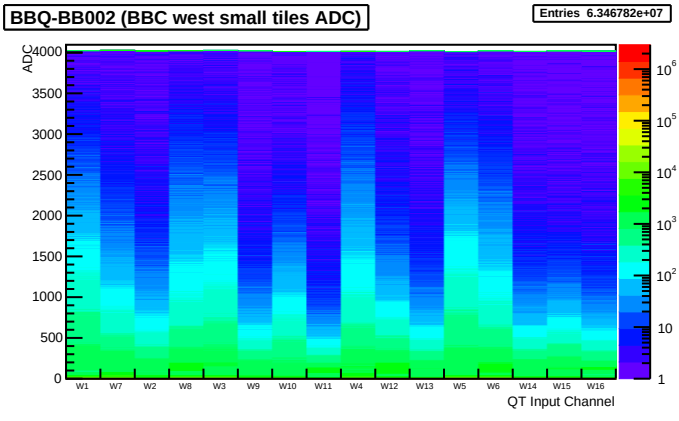

MIX-MT101 Input: VP004 Max TAC
Entries 3966739

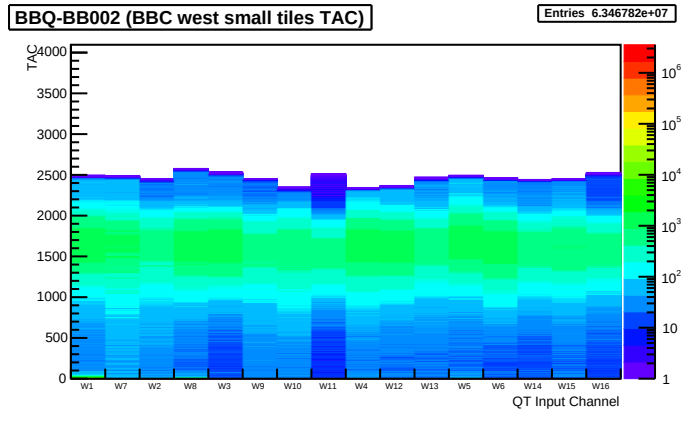

MXQ-PP001
Entries 6.346782e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

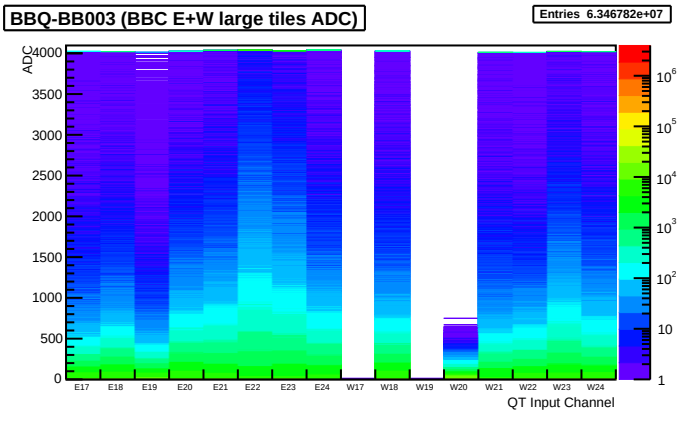

MXQ-PP001
Entries 6.346782e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

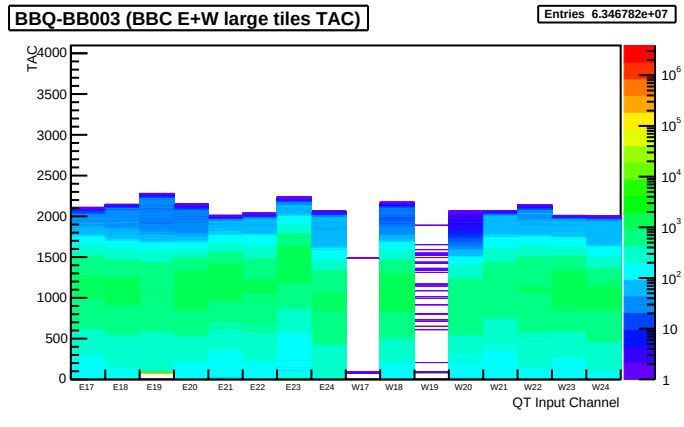

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.346782e+07
ADC
QT Input Channel

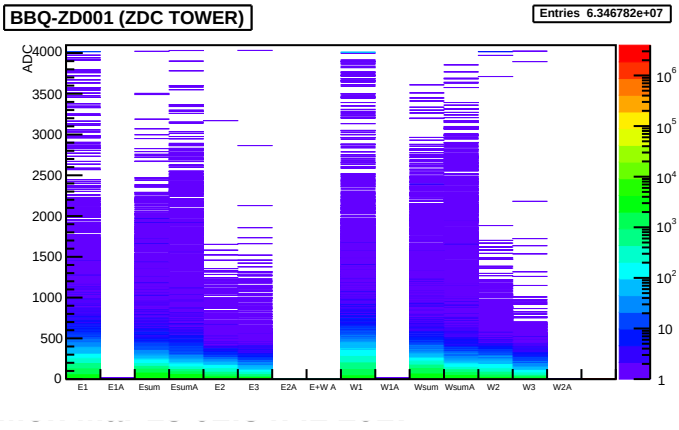

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.346782e+07
TAC
QT Input Channel

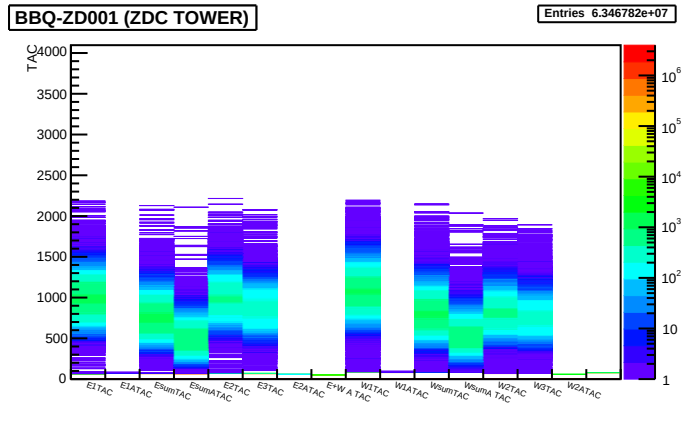

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.346782e+07
ADC
QT Input Channel

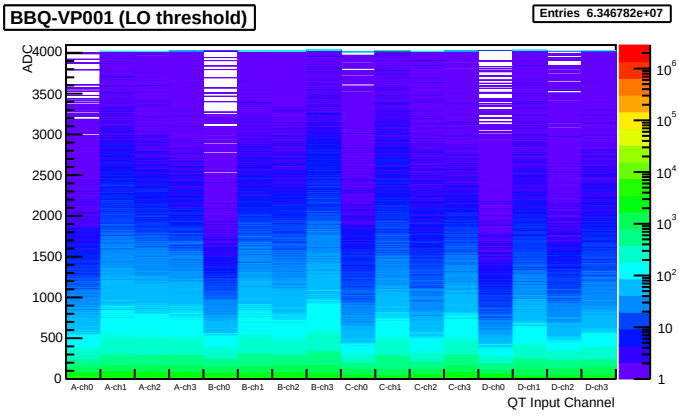

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.346782e+07
TAC
QT Input Channel

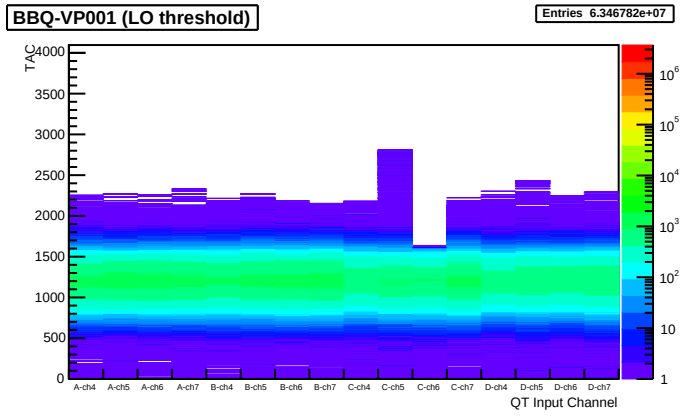

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.346782e+07
ADC
QT Input Channel

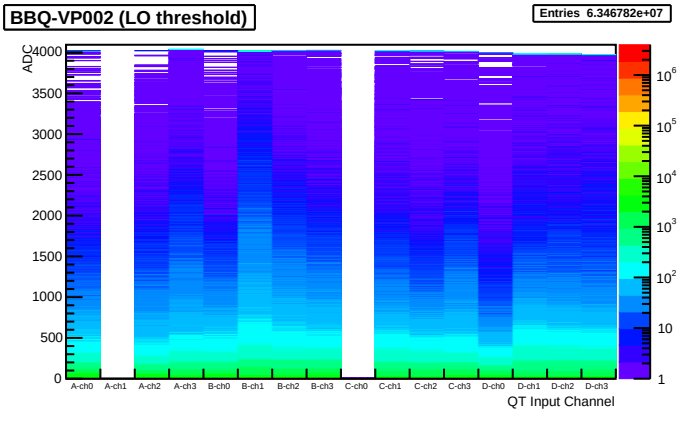

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.346782e+07
TAC
QT Input Channel

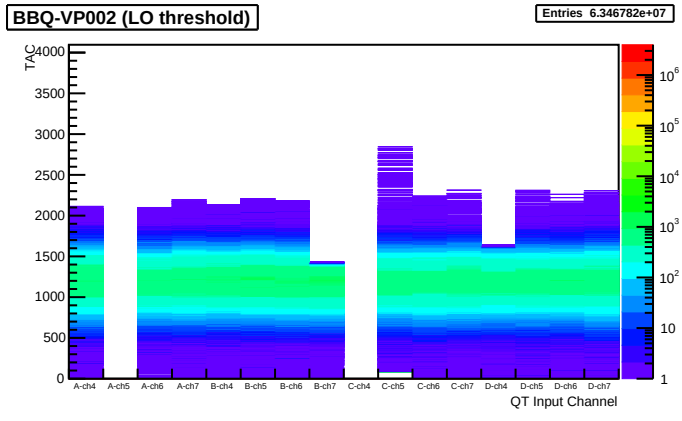

BBQ-ZD001 (ZDC TOWER)
Entries 6.346782e+07
ADC

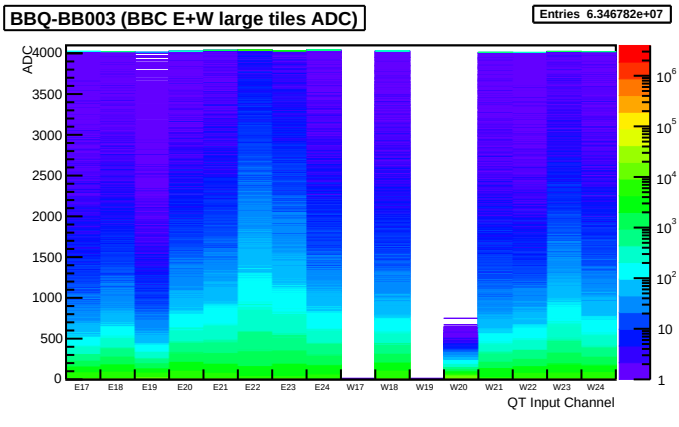

BBQ-ZD001 (ZDC TOWER)
Entries 6.346782e+07
TAC

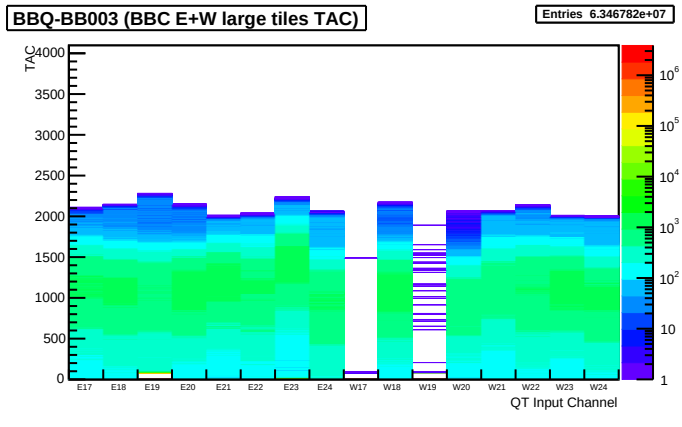

BBQ-VP001 (LO threshold)
Entries 6.346782e+07
ADC
QT Input Channel

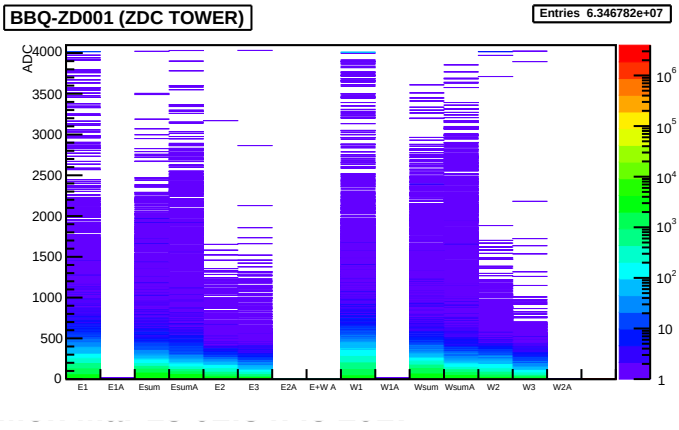

BBQ-VP001 (LO threshold)
Entries 6.346782e+07
TAC
QT Input Channel

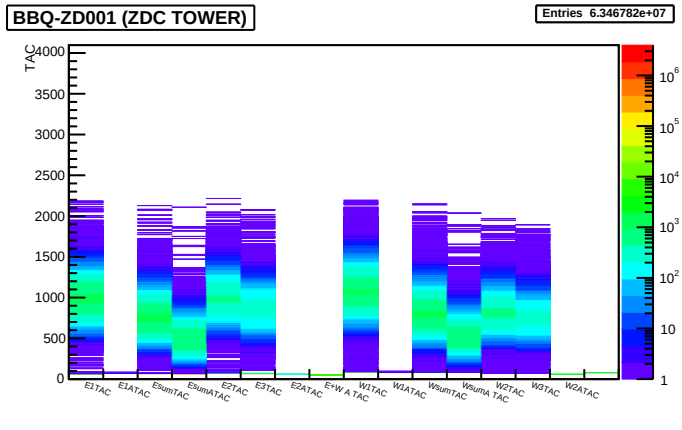

BBQ-VP002 (LO threshold)
Entries 6.346782e+07
ADC
QT Input Channel

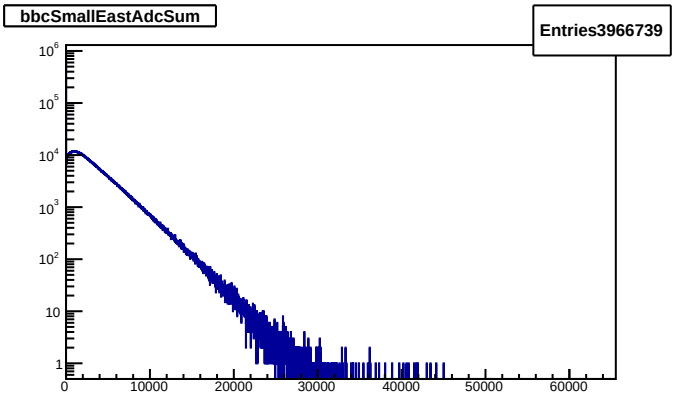

BBQ-VP002 (LO threshold)
Entries 6.346782e+07
TAC
QT Input Channel

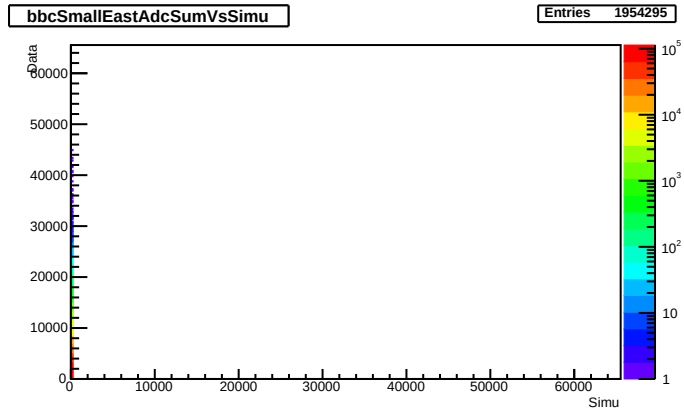

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 6.346782e+07
ADC
QT Input Channel

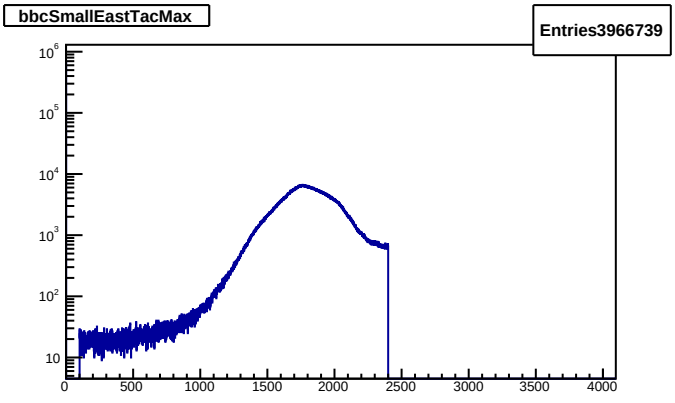

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 6.346782e+07
TAC
QT Input Channel

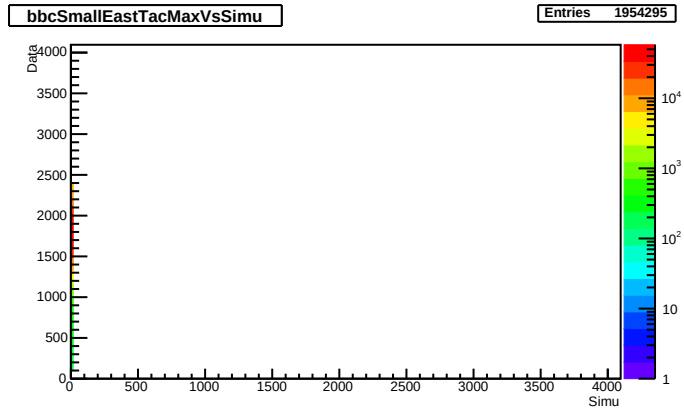

BBQ-ZD001 (ZDC TOWER)
Entries 6.346782e+07
ADC

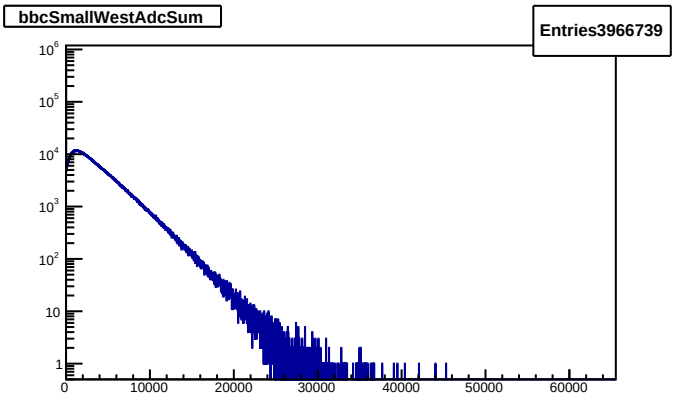

BBQ-ZD001 (ZDC TOWER)
Entries 6.346782e+07
TAC

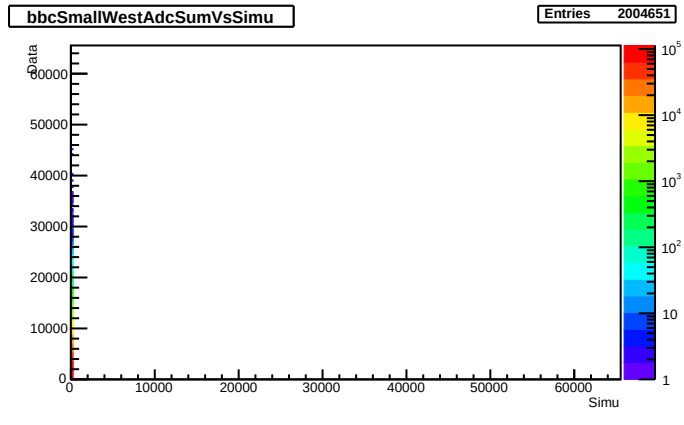

bbcSmallEastAdcSum
Entries3966739

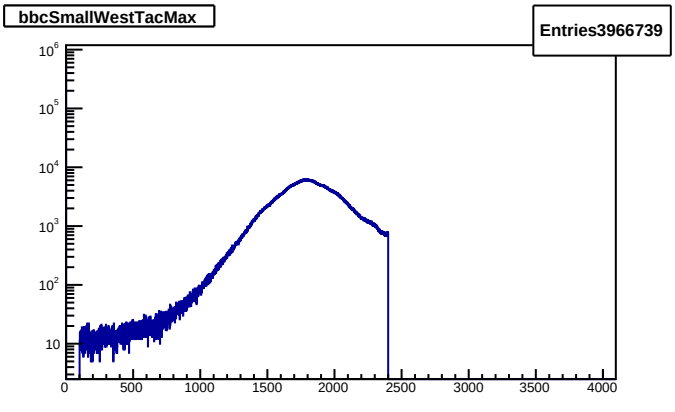

bbcSmallEastAdcSumVsSimu
Entries 1954295
Data
Simu

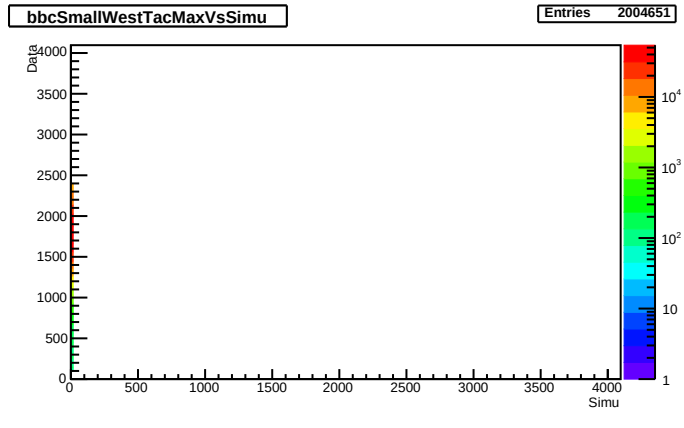

bbcSmallEastTacMax
Entries3966739

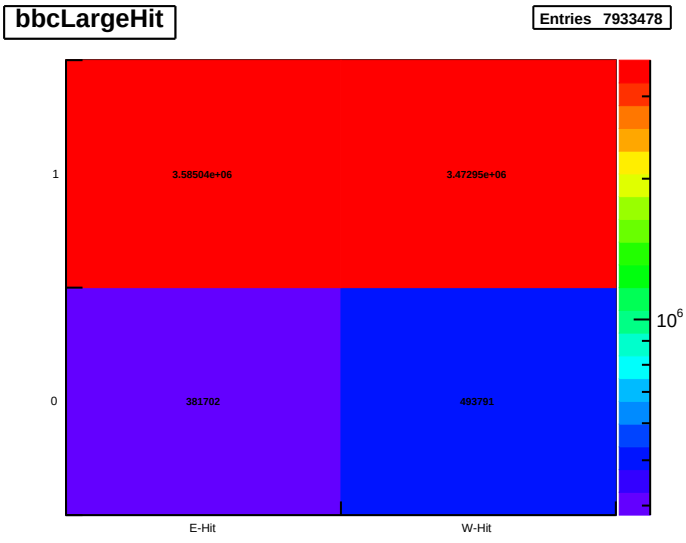

bbcSmallEastTacMaxVsSimu
Entries 1954295
Data
Simu

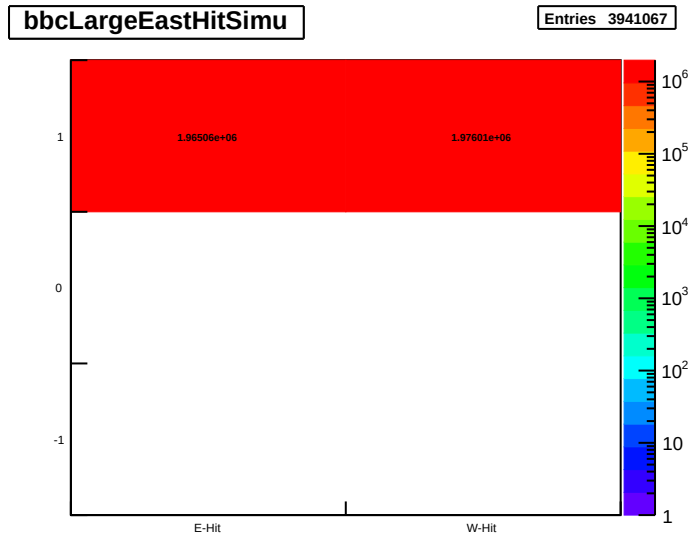

bbcSmallWestAdcSum
Entries3966739

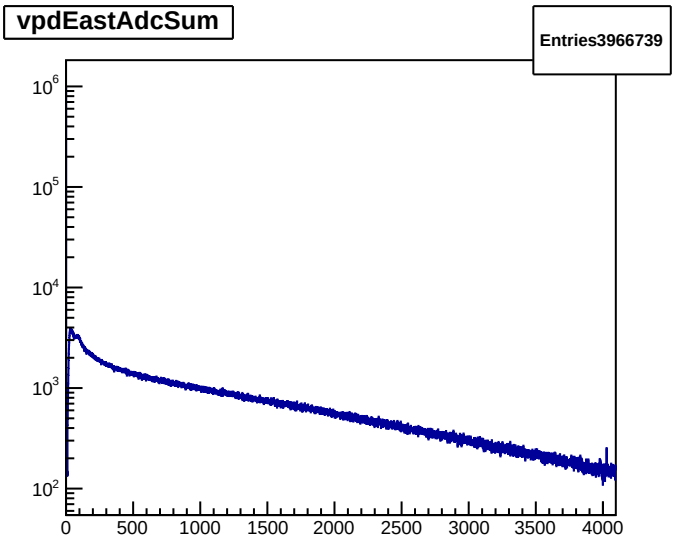

bbcSmallWestAdcSumVsSimu
Entries 2004651
Data
Simu

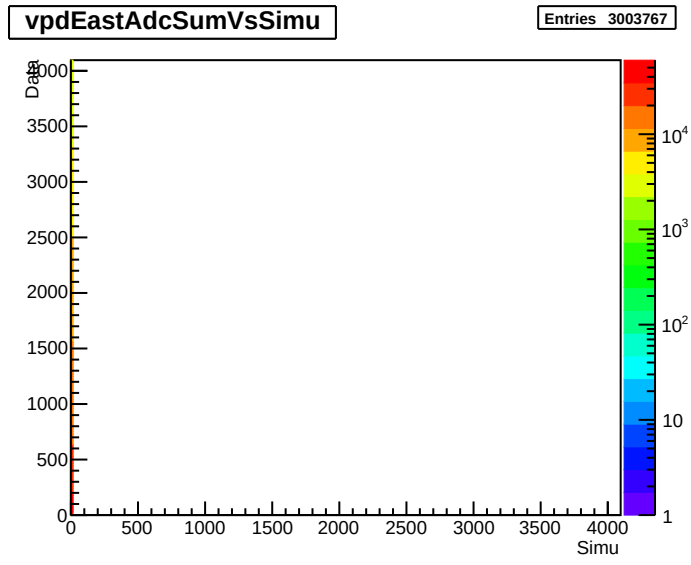

bbcSmallWestTacMax
Entries3966739

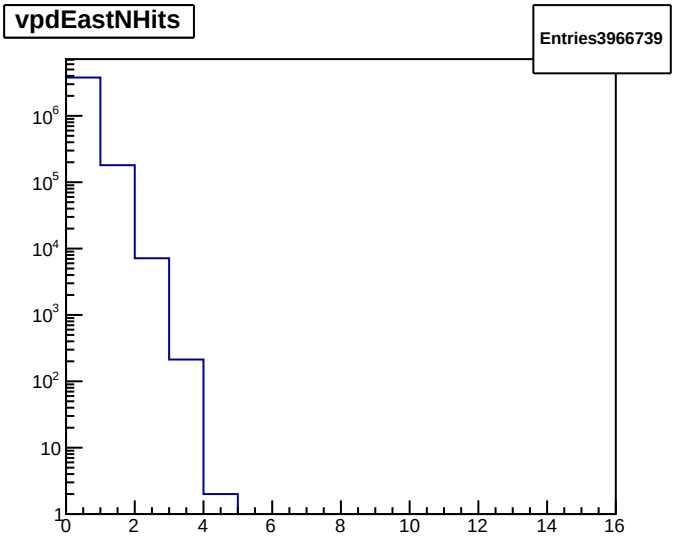

bbcSmallWestTacMaxVsSimu
Entries 2004651
Data
Simu

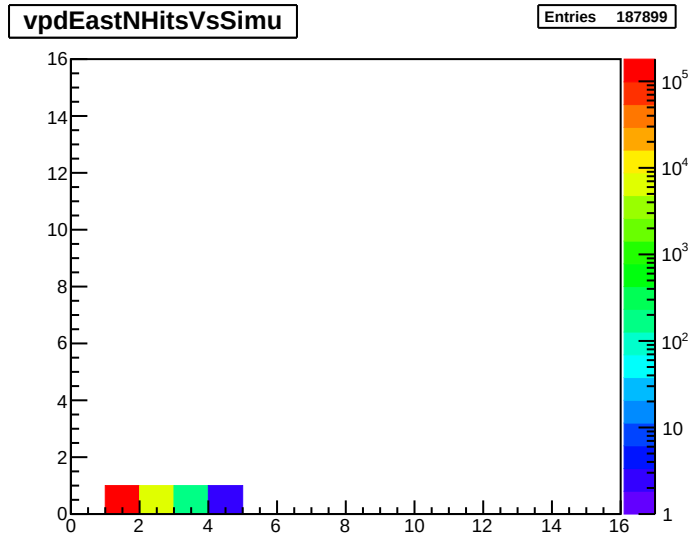

bbcLargeHit
Entries 7933478
1
0
3.58504e+06
3.47295e+06
381702
493791
E-Hit
W-Hit
10^6

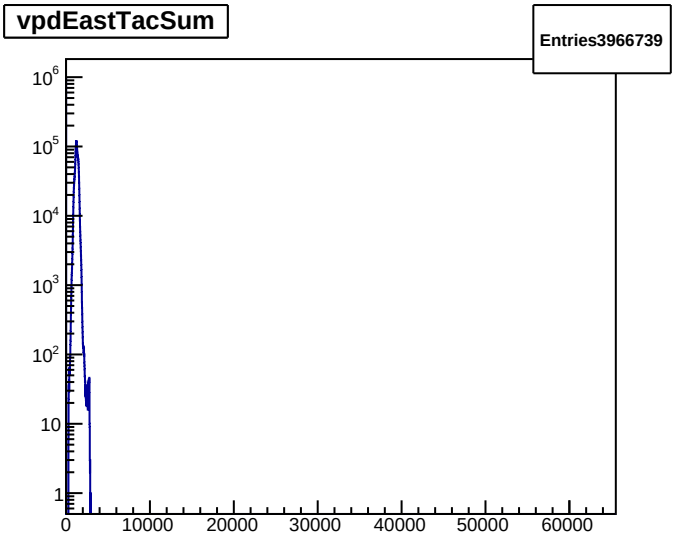

bbcLargeEastHitSimu
Entries 3941067
1
0
-1
1.96506e+06
1.97601e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

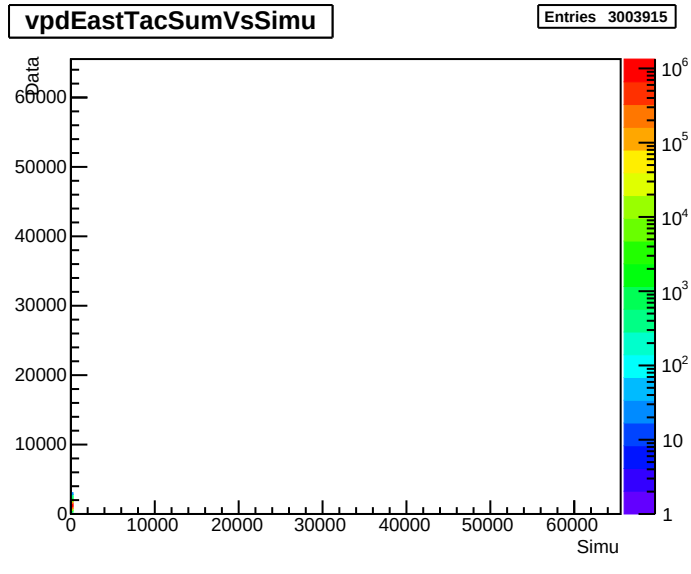

vpdEastAdcSum
Entries3966739

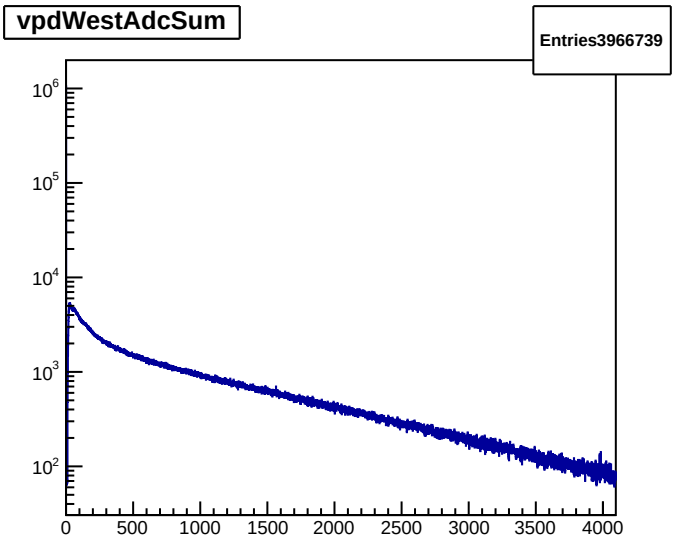

vpdEastAdcSumVsSimu
Entries 3003767
Data
Simu

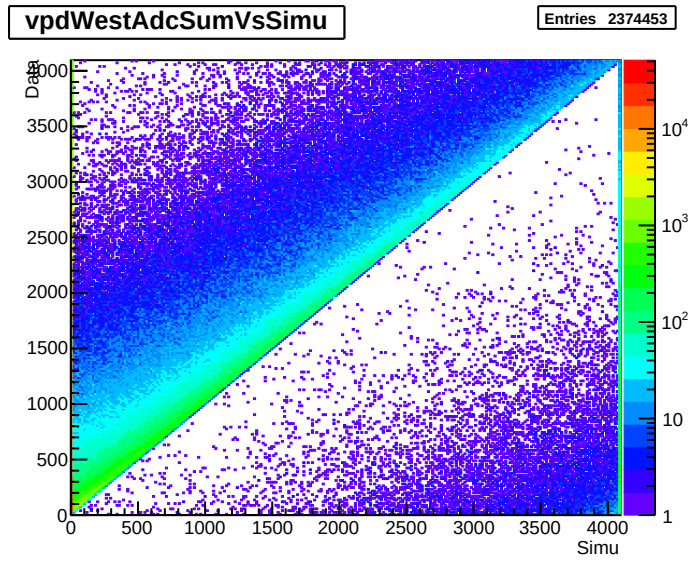

vpdEastNHits
Entries3966739

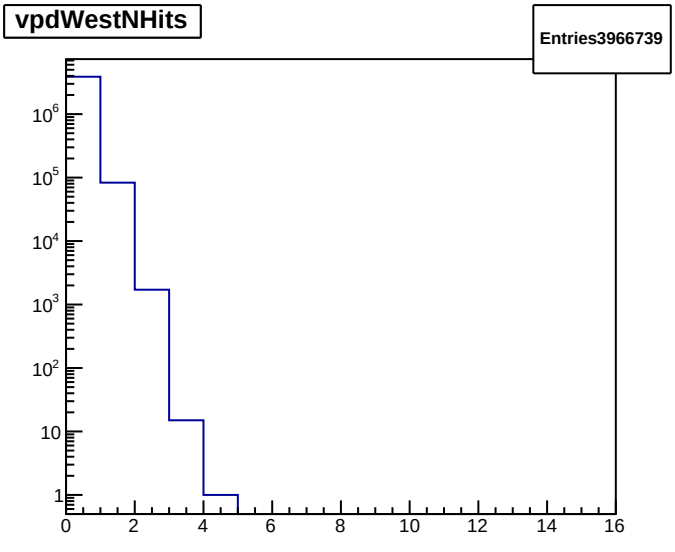

vpdEastNHitsVsSimu
Entries 187899

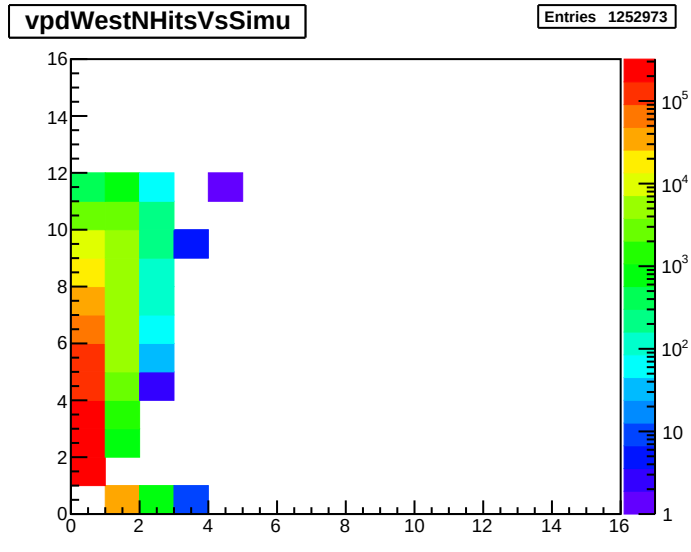

vpdEastTacSum
Entries3966739

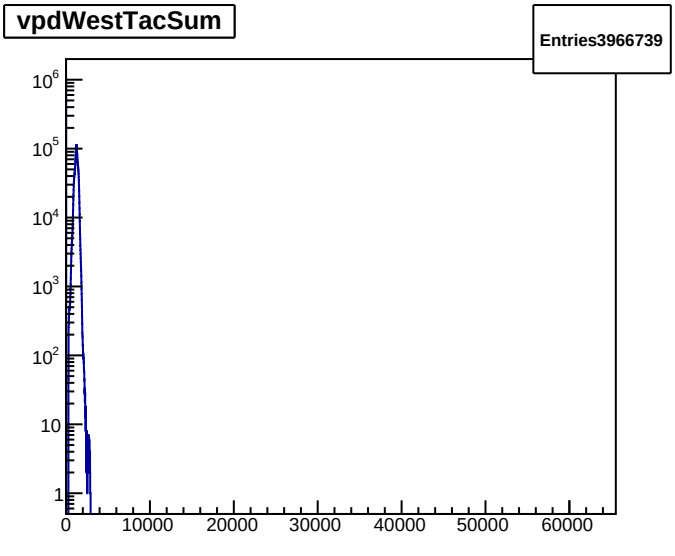

vpdEastTacSumVsSimu
Entries 3003915
Data
Simu

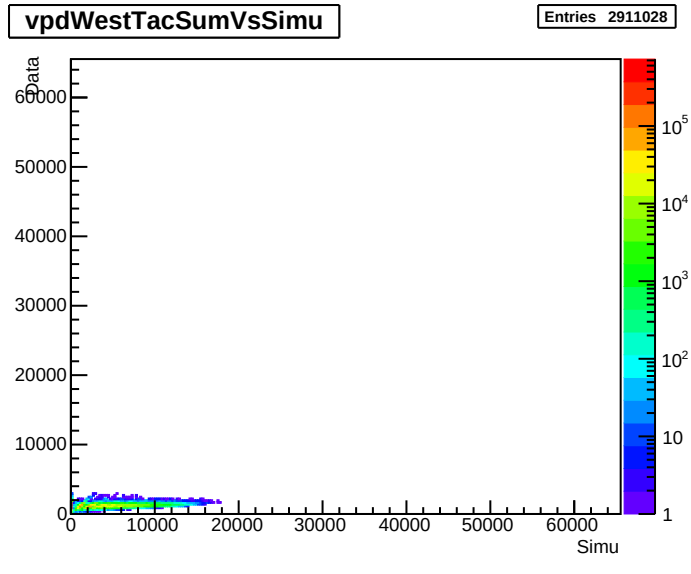

vpdWestAdcSum
Entries3966739

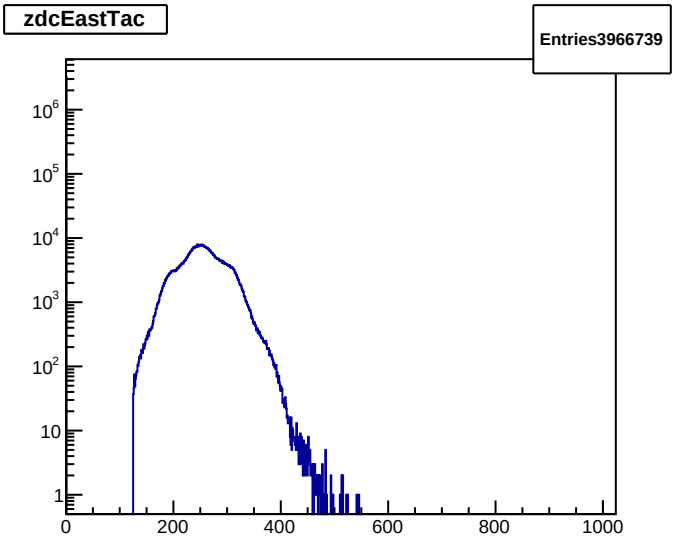

vpdWestAdcSumVsSimu
Entries 2374453
Data
Simu

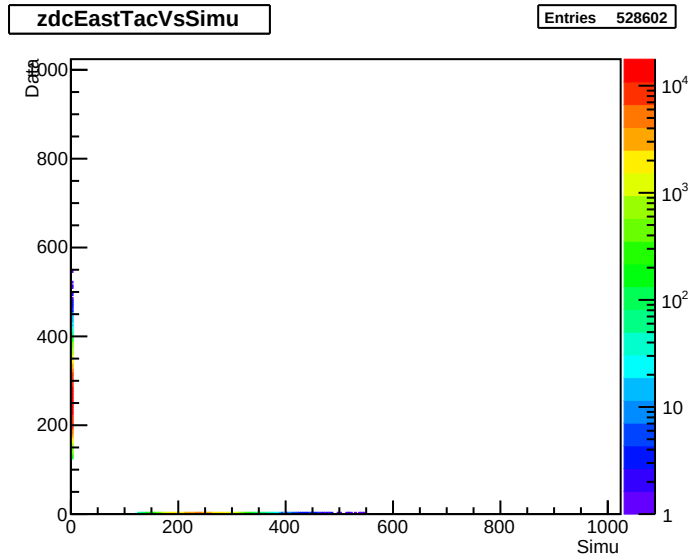

vpdWestNHits
Entries3966739

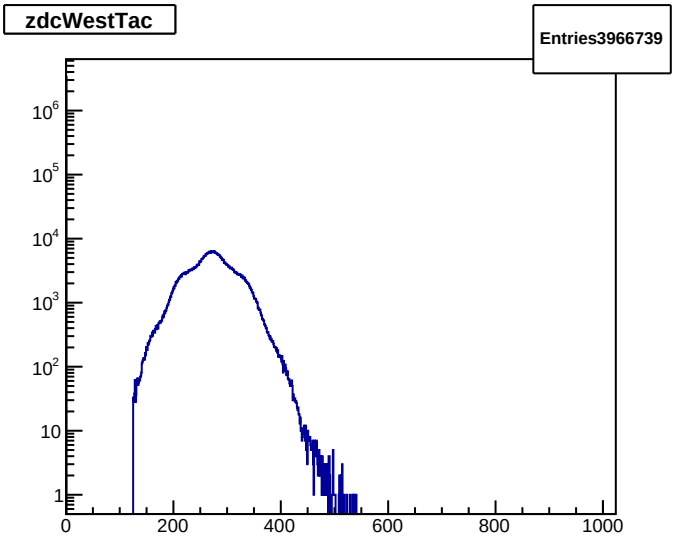

vpdWestNHitsVsSimu
Entries 1252973

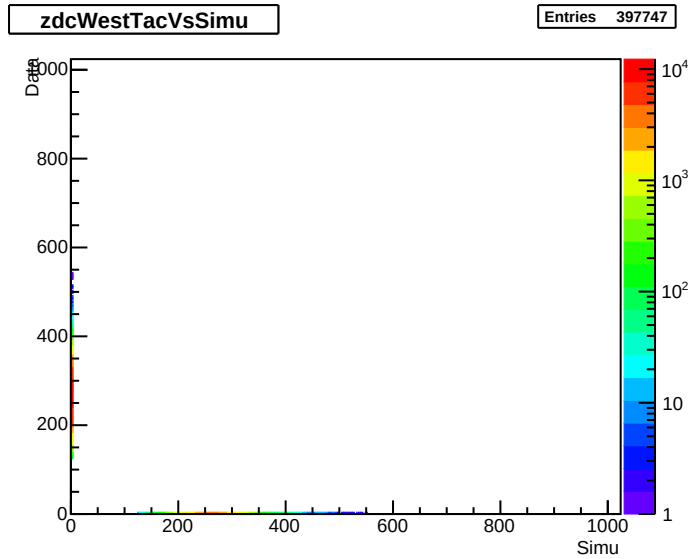

vpdWestTacSum
Entries3966739

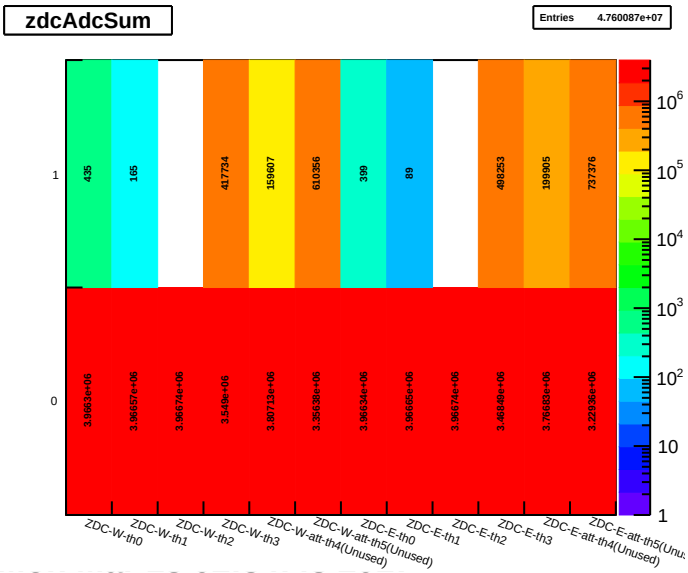

vpdWestTacSumVsSimu
Entries 2911028
Data
Simu

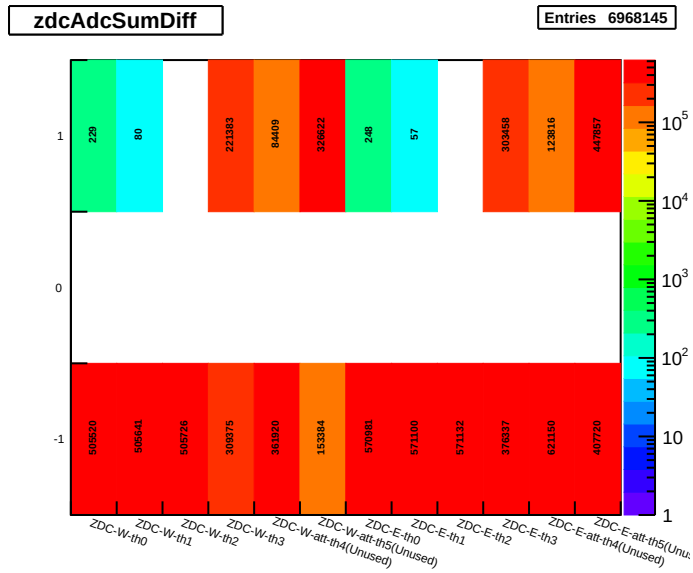

zdcEastTac
Entries3966739

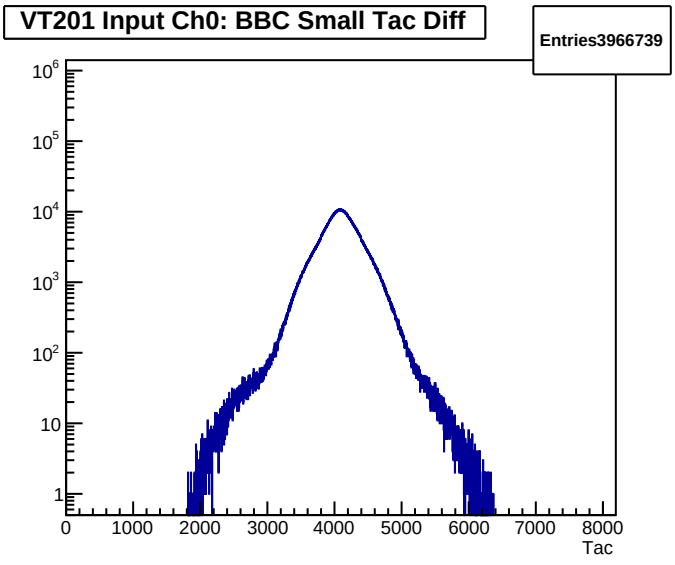

zdcEastTacVsSimu
Entries 528602
Data
Simu

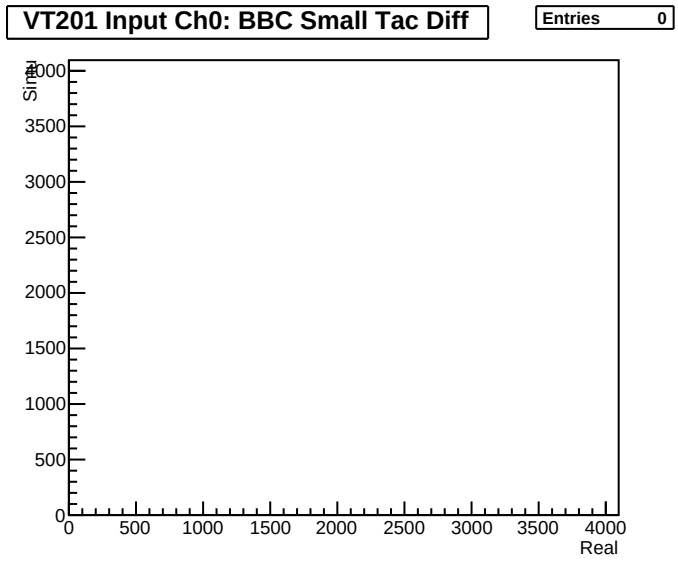

zdcWestTac
Entries3966739

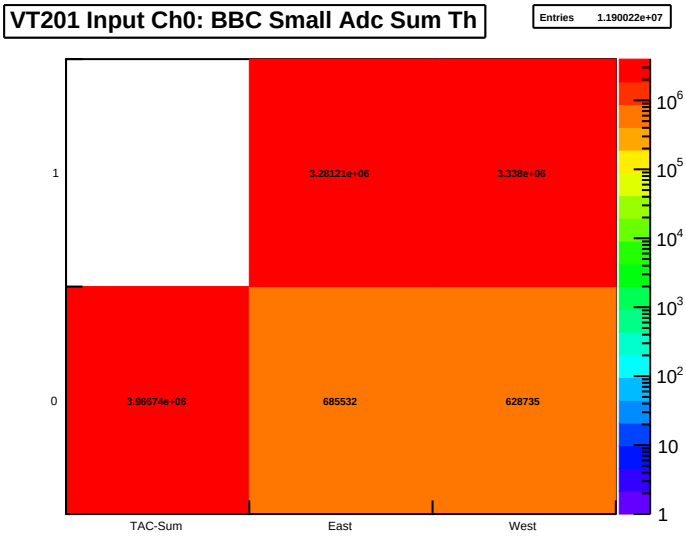

zdcWestTacVsSimu
Entries 397747
Data
Simu

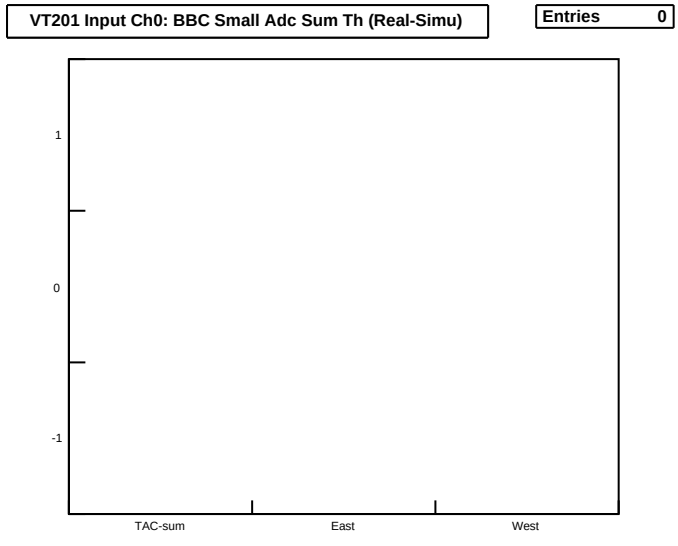

zdcAdcSum
Entries 4.760087e+07
435
165
417734
159607
610356
399
89
498253
199905
737376
3.9663e+06
3.96657e+06
3.96674e+06
3.5549e+06
3.80713e+06
3.35638e+06
3.96634e+06
3.96665e+06
3.96674e+06
3.46840e+06
3.76683e+06
3.22936e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

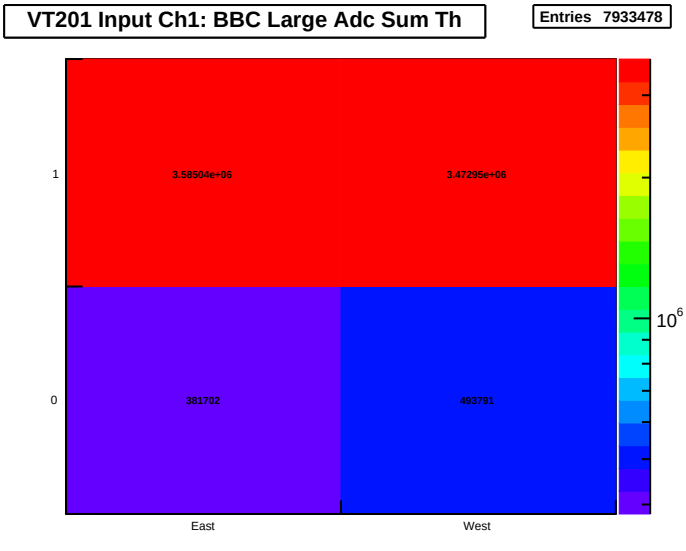

zdcAdcSumDiff
Entries 6968145
229
80
221383
84409
326622
248
57
303458
123916
447957
505520
505641
505726
309375
361920
153384
570981
571100
571132
376337
621150
407720
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

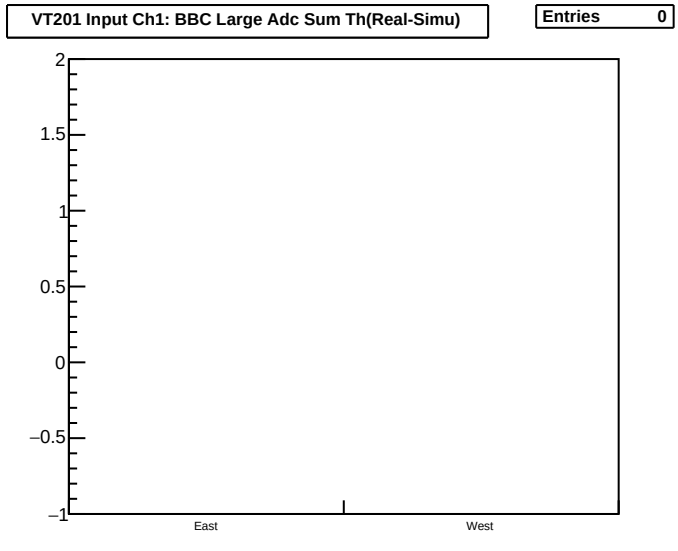

VT201 Input Ch0: BBC Small Tac Diff
Entries3966739
Tac


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

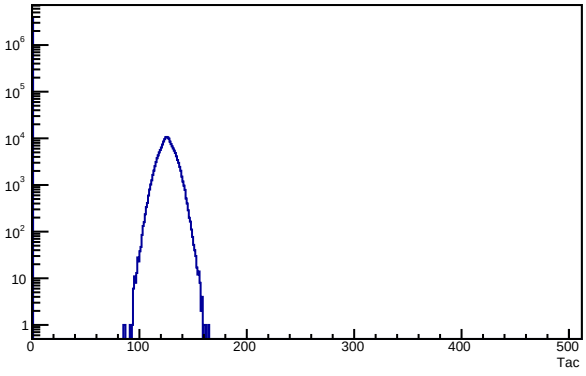

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.190022e+07
3.28121e+06
3.338e+06
3.96674e+06
685532
628735
TAC-Sum
East
West


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

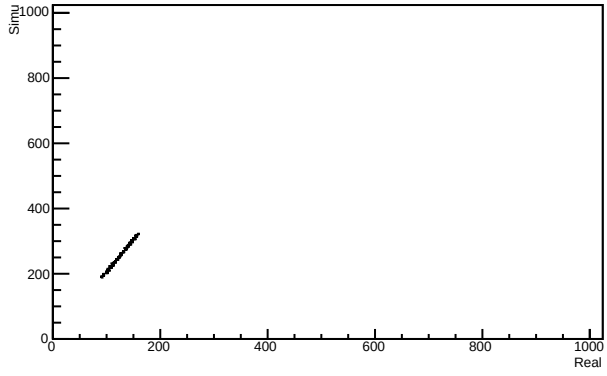

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 7933478
3.58504e+06
3.47295e+06
381702
493791
East
West


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

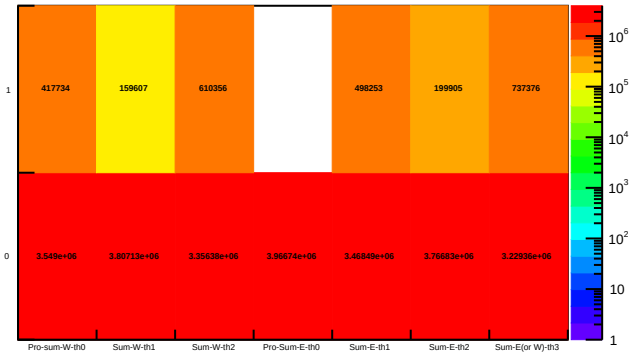
VT201 Input Ch2: ZDC Tac Diff



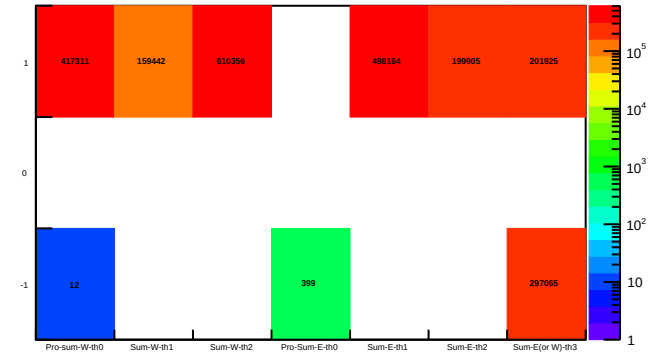
VT201 Input Ch2: ZDC Tac Diff



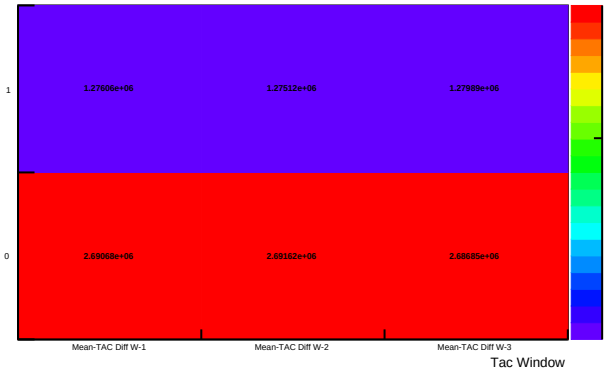
VT201 Input Ch2: ZDC Adc Sum Th



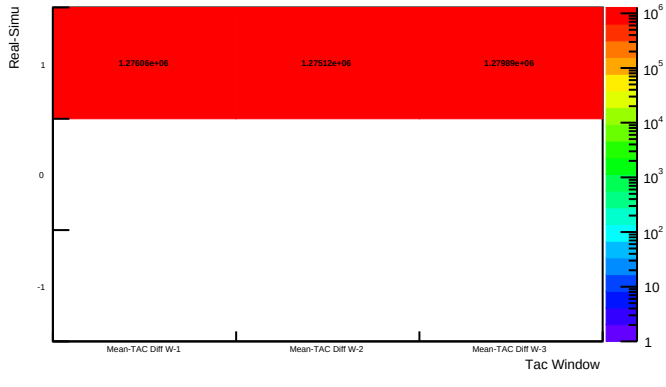
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



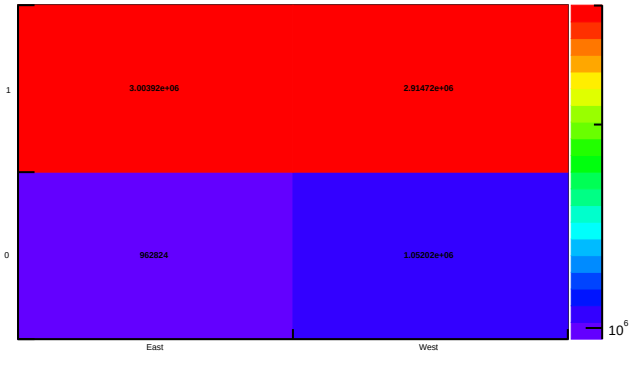
VT201 Input Ch4: VPD Tac Diff



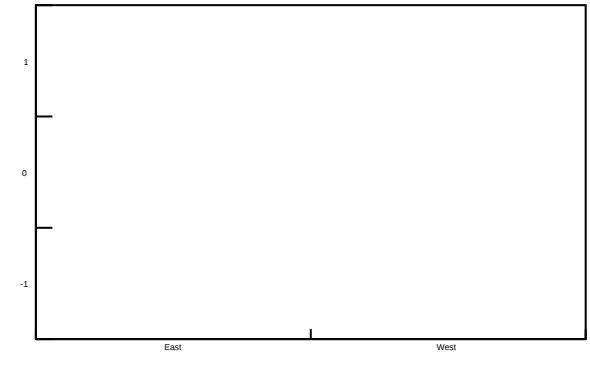
VT201 Input Ch4: VPD Tac Diff

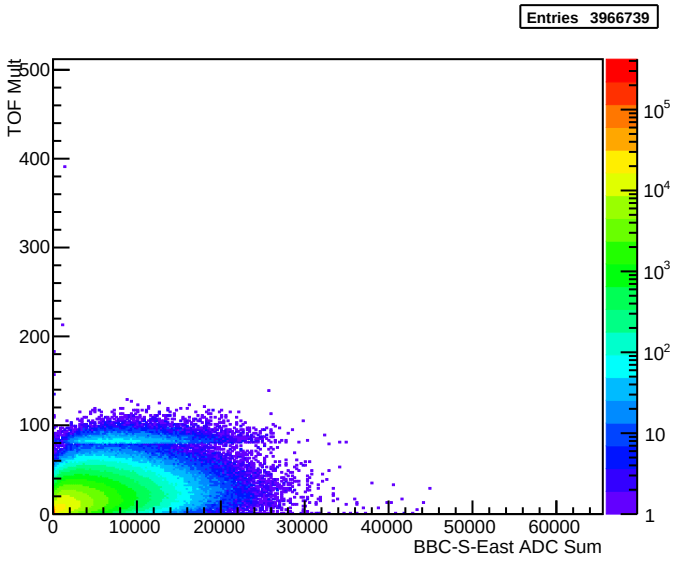


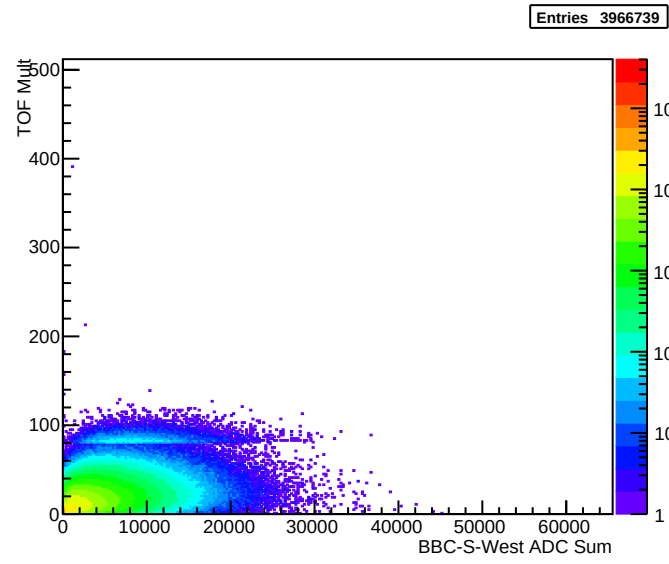
VT201 Input Ch4: VPD Adc Sum Th

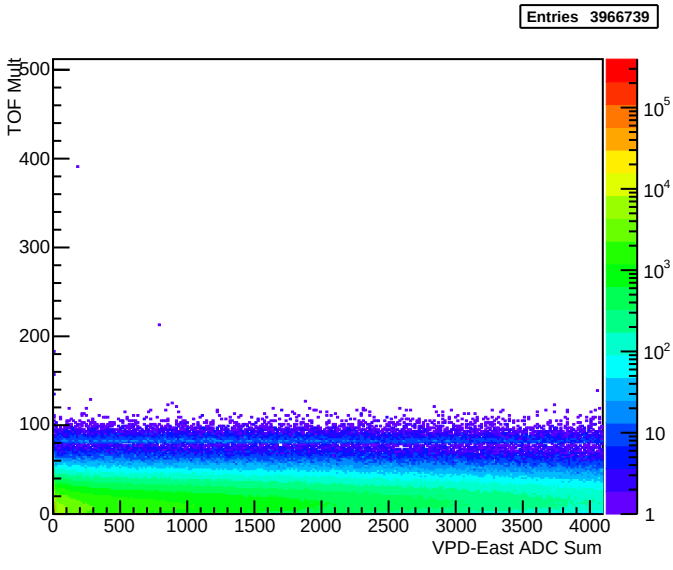


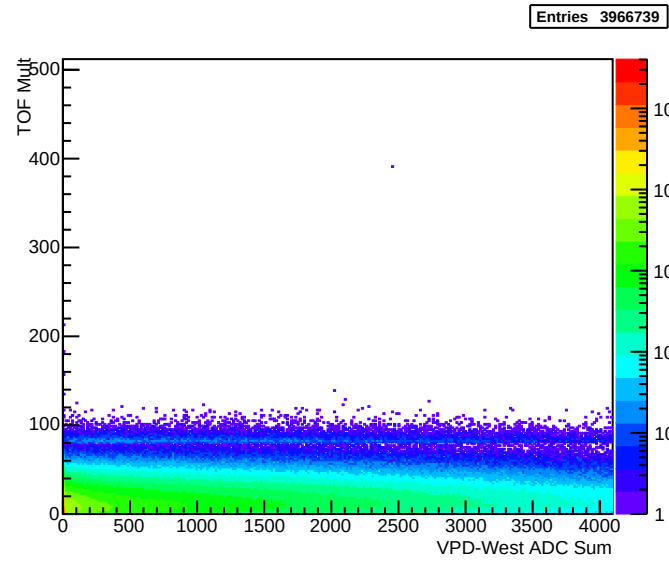
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

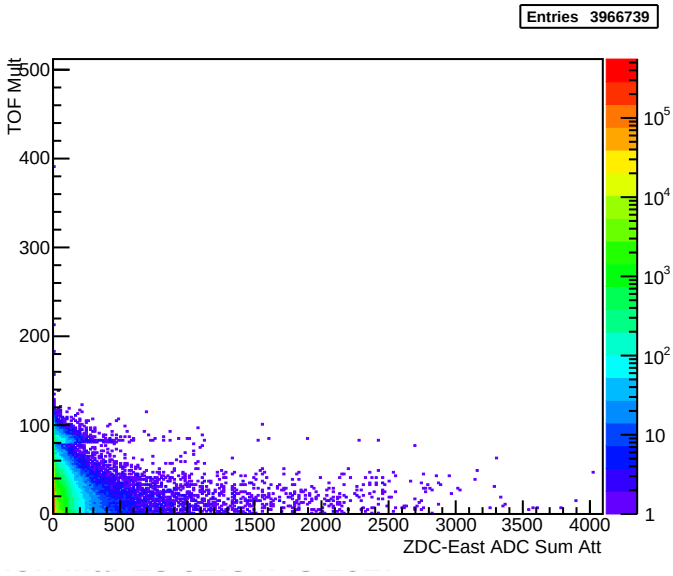


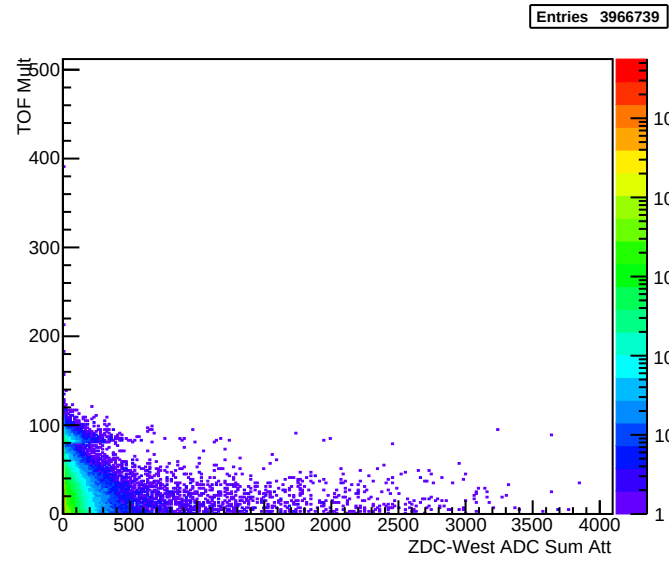

Entries 3966739
TOF Mult
BBC-S-East ADC Sum

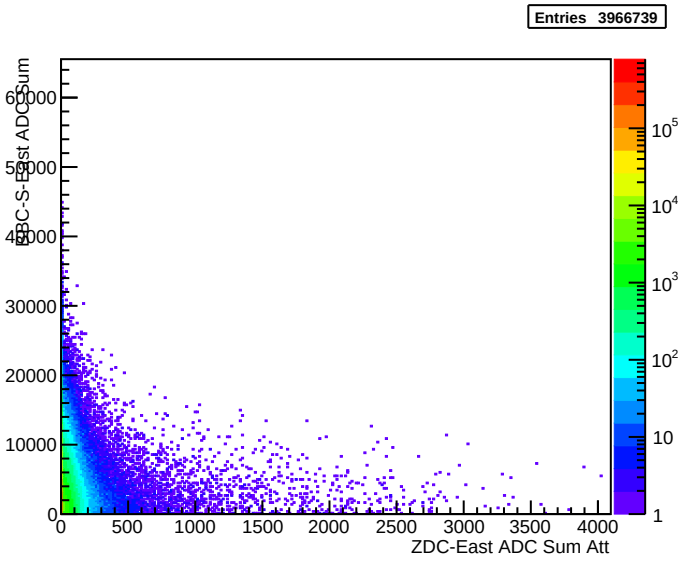

Entries 3966739
TOF Mult
BBC-S-West ADC Sum

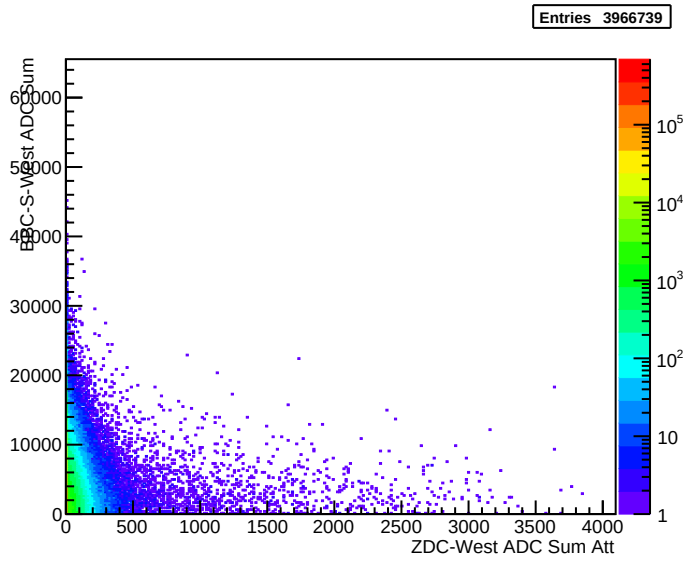

Entries 3966739
TOF Mult
VPD-East ADC Sum

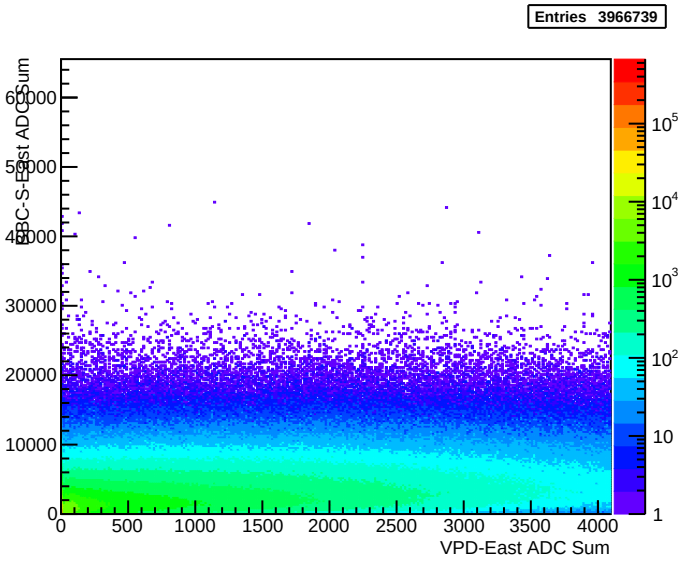

Entries 3966739
TOF Mult
VPD-West ADC Sum

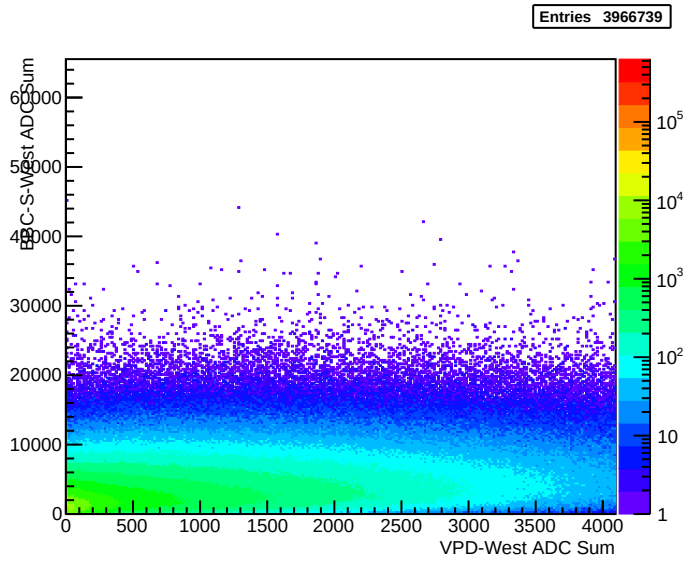

Entries 3966739
TOF Mult
ZDC-East ADC Sum Att

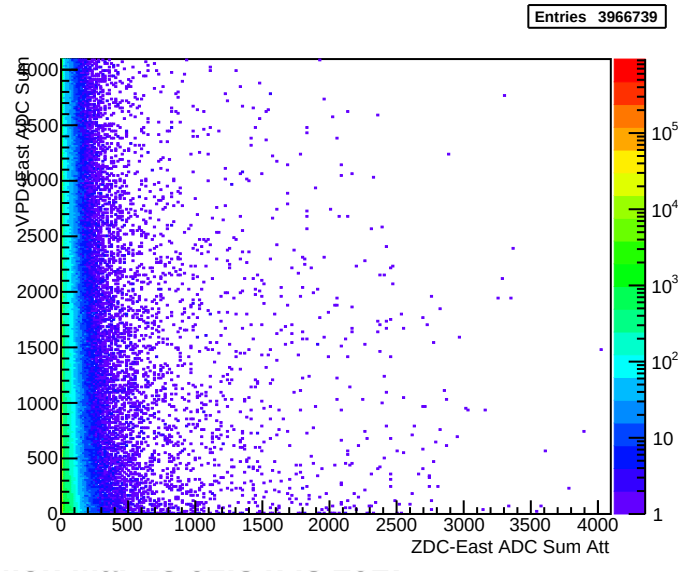

Entries 3966739
TOF Mult
ZDC-West ADC Sum Att

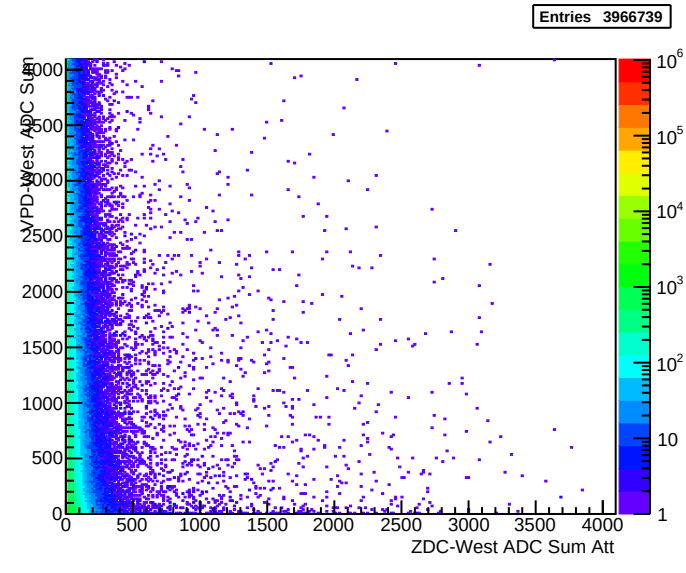

Entries 3966739
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

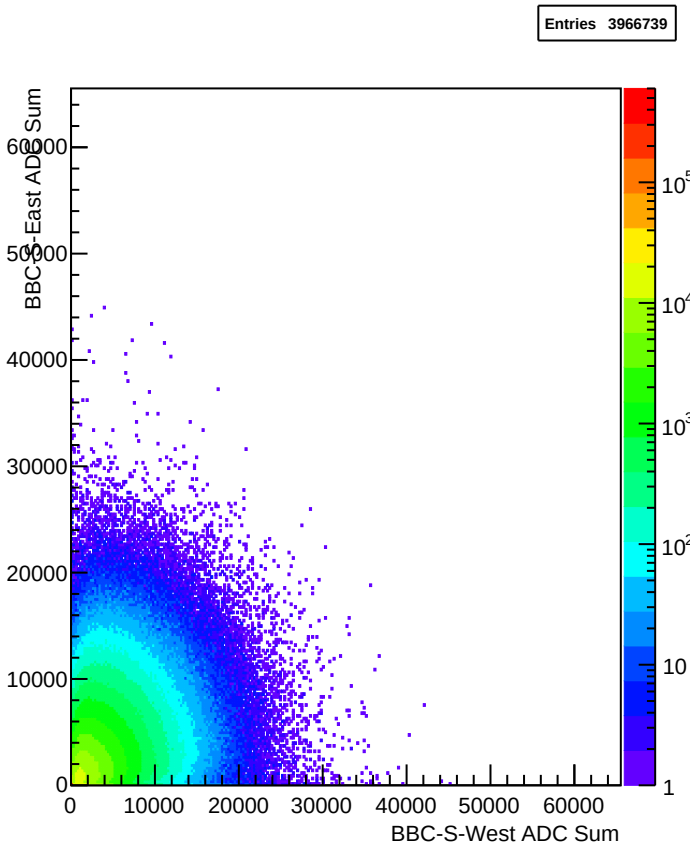

Entries 3966739
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

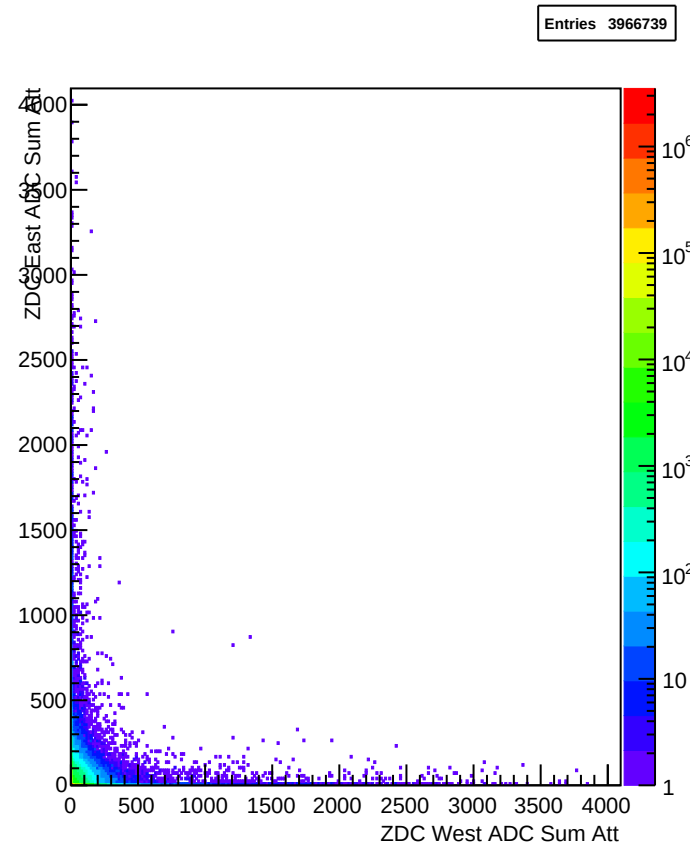

Entries 3966739
BBC-S-East ADC Sum
VPD-East ADC Sum

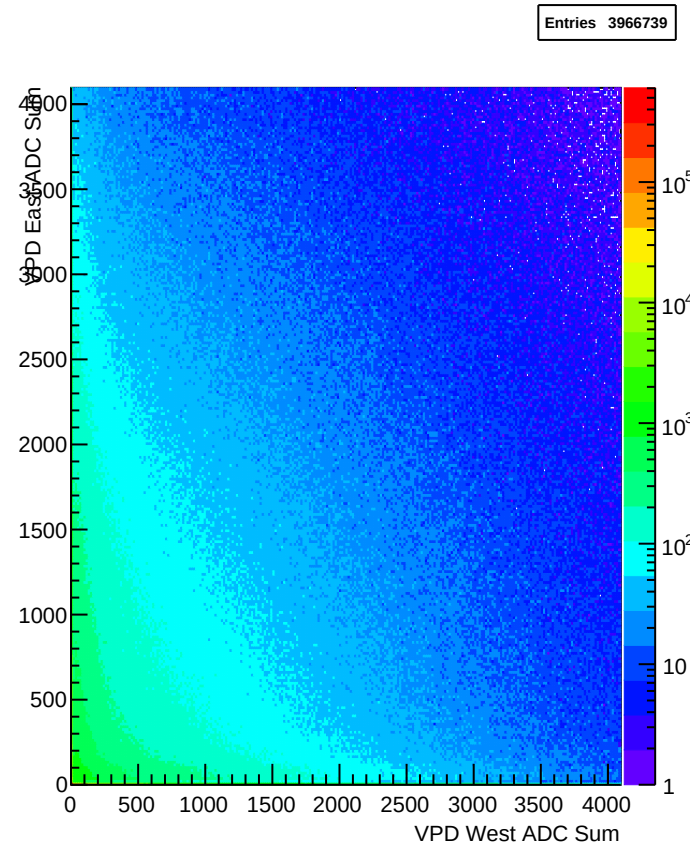

Entries 3966739
BBC-S-West ADC Sum
VPD-West ADC Sum

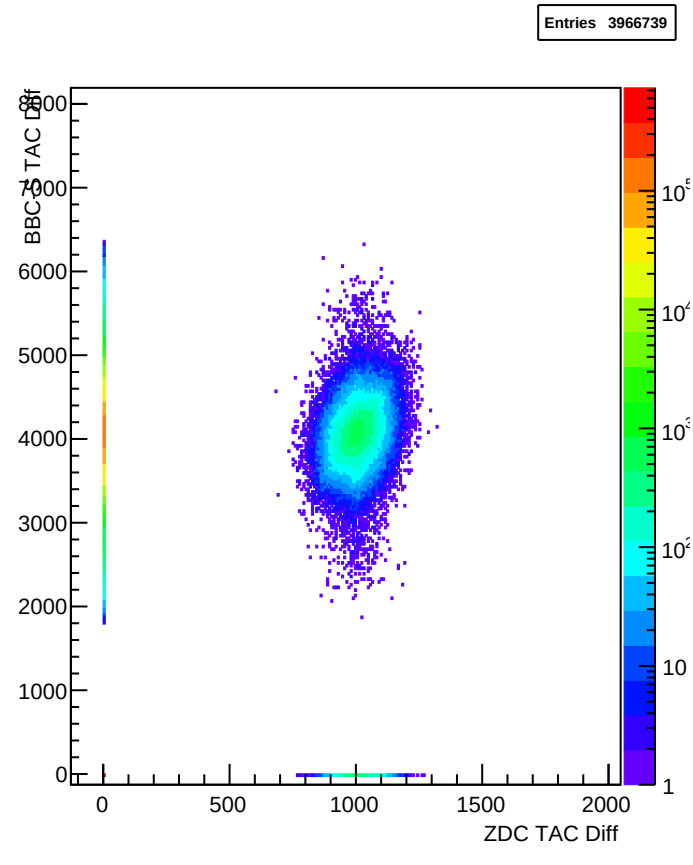

Entries 3966739
VPD-East ADC Sum
ZDC-East ADC Sum Att

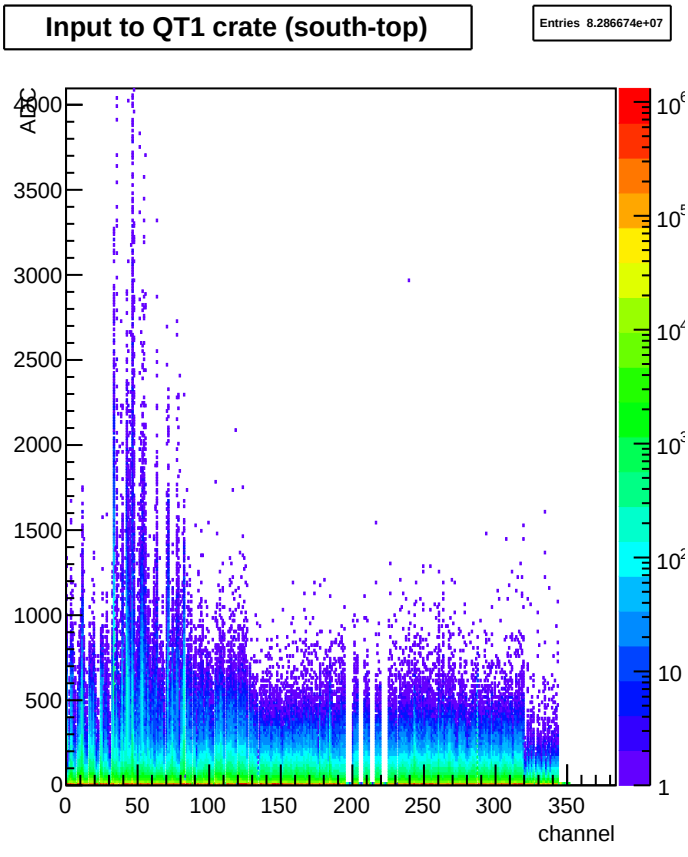

Entries 3966739
VPD-West ADC Sum
ZDC-West ADC Sum Att

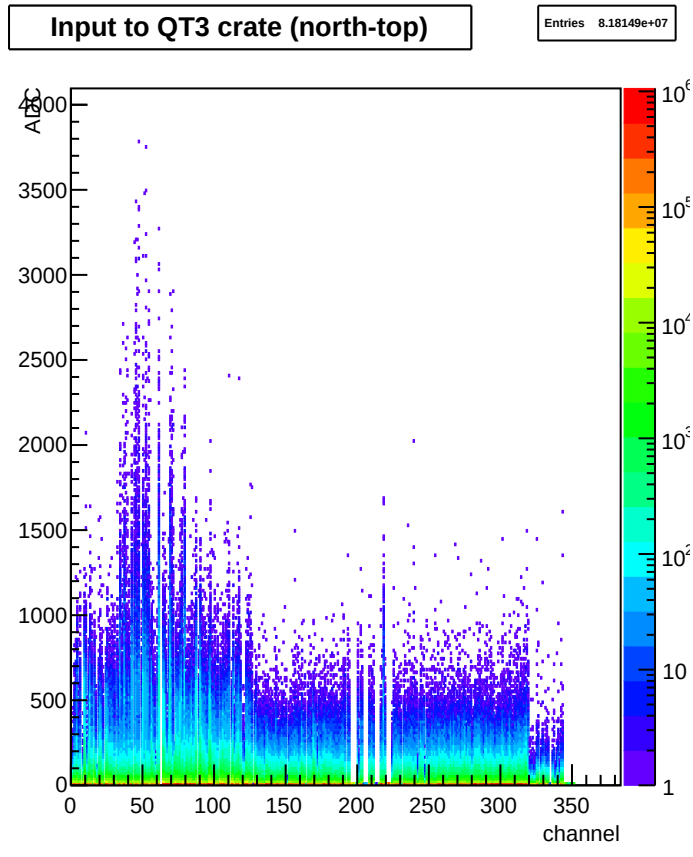

Entries 3966739
BBC-S-East ADC Sum
BBC-S-West ADC Sum

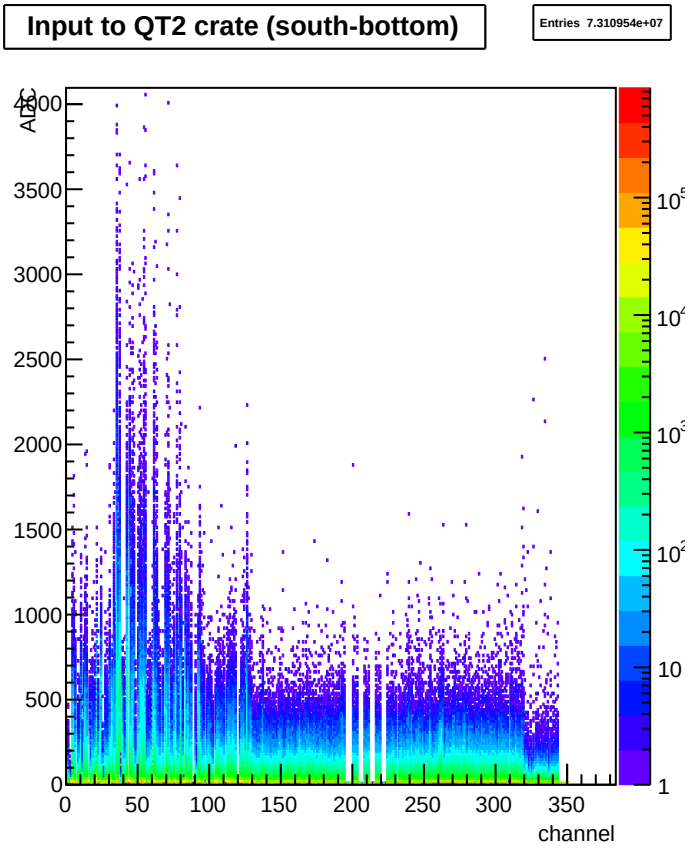

Entries 3966739
ZDC East ADC Sum Att
ZDC West ADC Sum Att

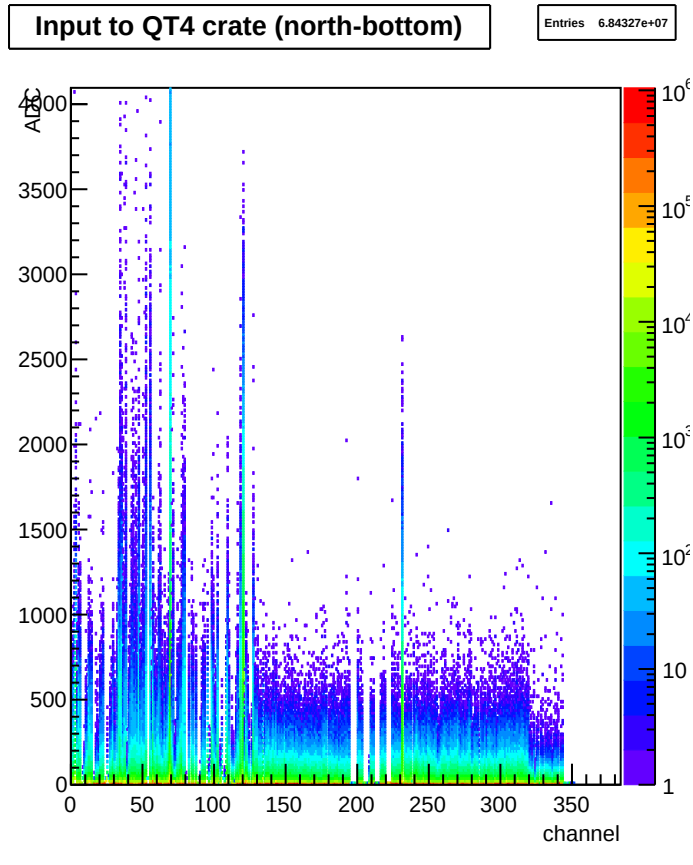

Entries 3966739
VPD East ADC Sum
VPD West ADC Sum

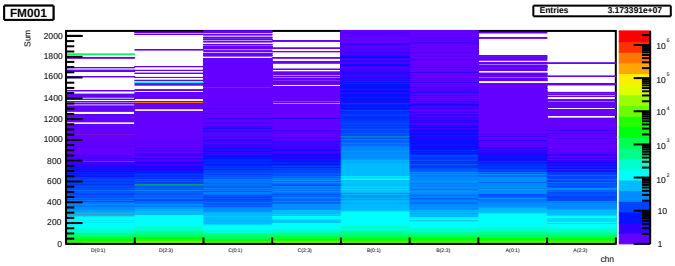

Entries 3966739
BBC-S TAC Diff
ZDC TAC Diff

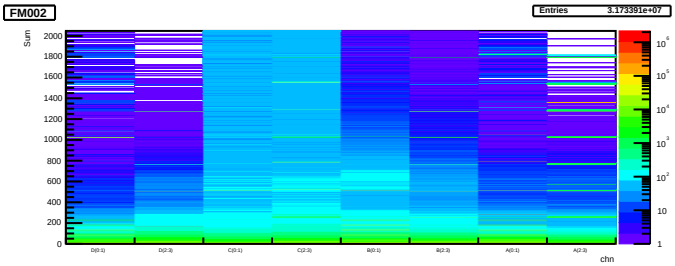

Input to QT1 crate (south-top)
Entries 8.286674e+07
ADC
channel

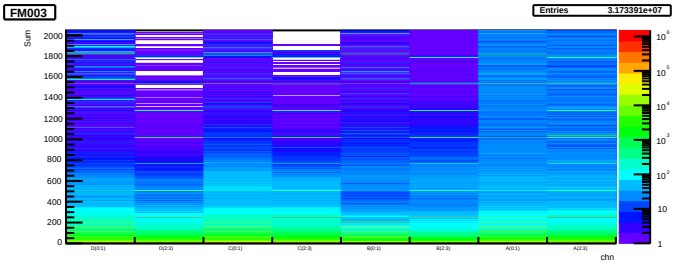

Input to QT3 crate (north-top)
Entries 8.18149e+07
ADC
channel

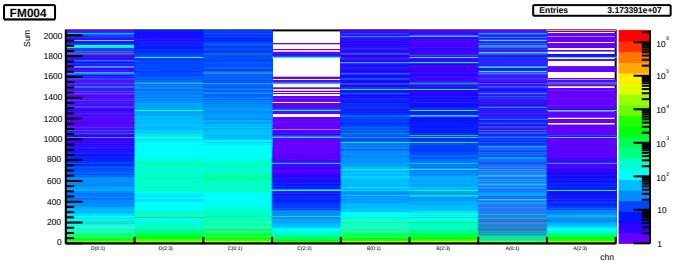

Input to QT2 crate (south-bottom)
Entries 7.310954e+07
ADC
channel

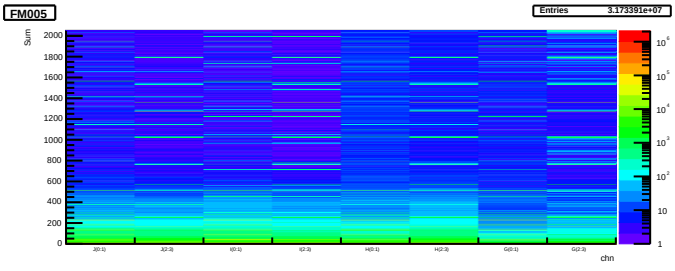

Input to QT4 crate (north-bottom)
Entries 6.84327e+07
ADC
channel

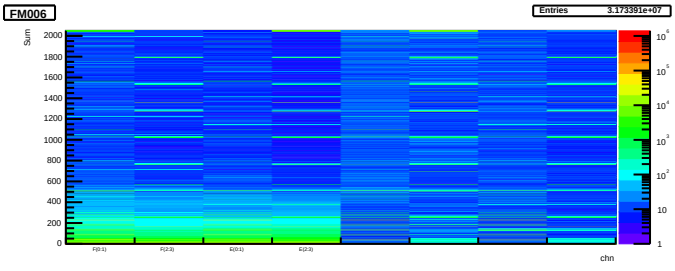

FM001
Entries 3.173391e+07
Sum
chn

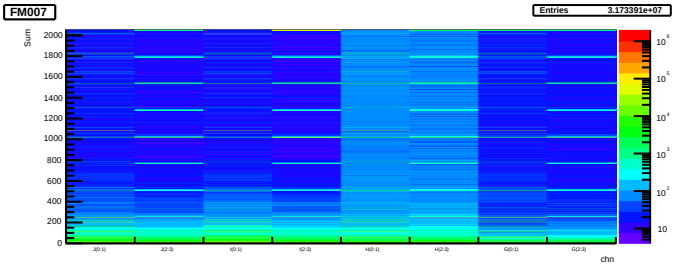

FM002
Entries 3.173391e+07
Sum
chn

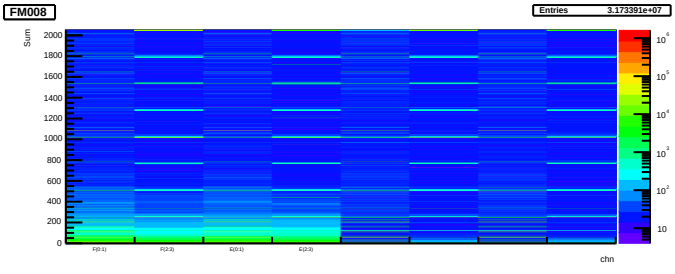

FM003
Entries 3.173391e+07
Sum
chn

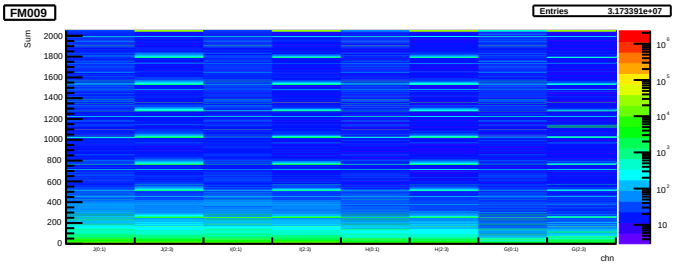

FM004
Entries 3.173391e+07
Sum
chn

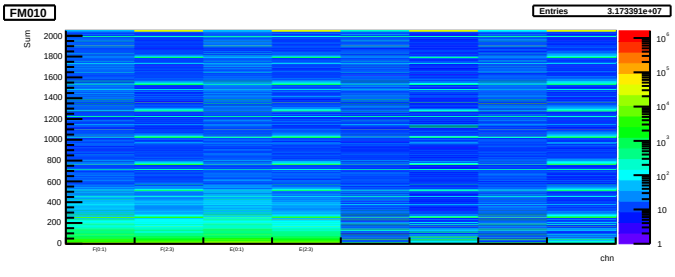

FM005
Entries 3.173391e+07
Sum
chn

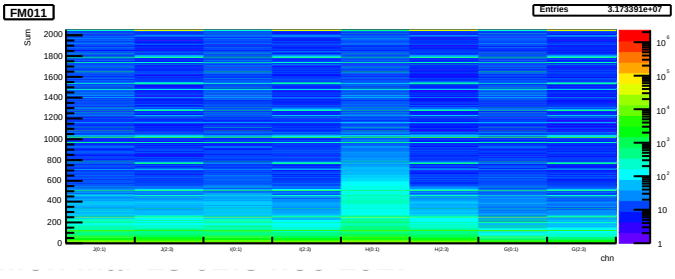

FM006
Entries 3.173391e+07
Sum
chn

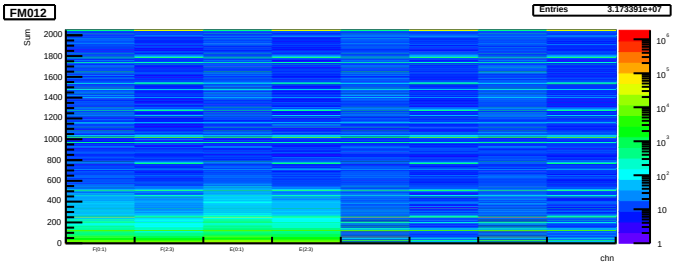

FM007
Entries 3.173391e+07
Sum
chn

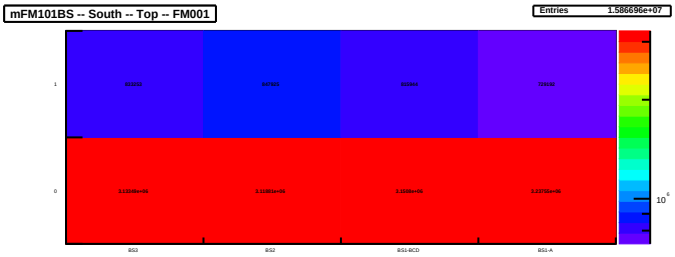

FM008
Entries 3.173391e+07
Sum
chn

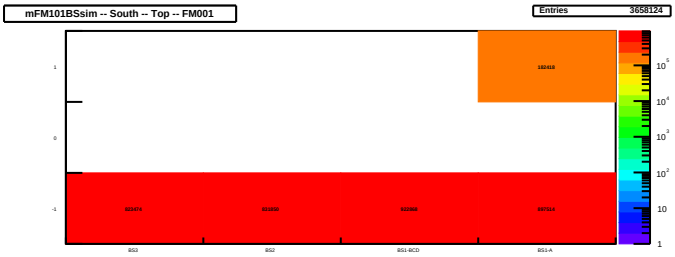

FM009
Entries 3.173391e+07
Sum
chn

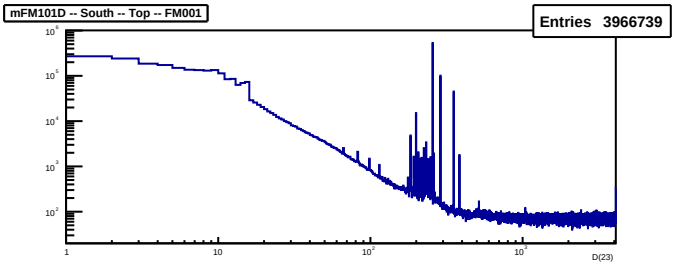

FM010
Entries 3.173391e+07
Sum
chn

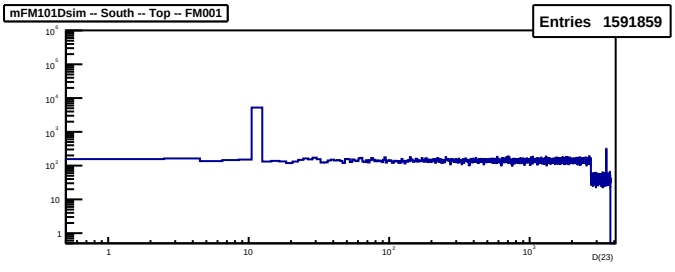

FM011
Entries 3.173391e+07
Sum
chn

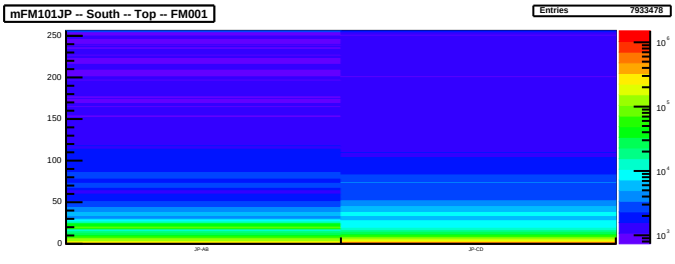

FM012
Entries 3.173391e+07
Sum
chn

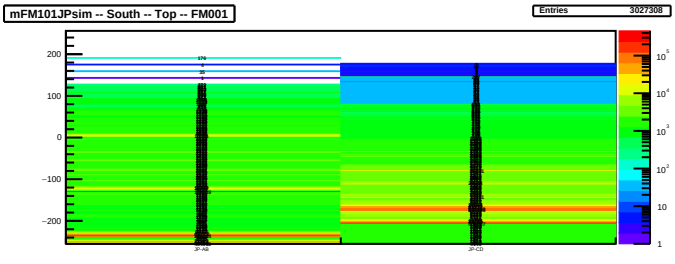

mFM101BS -- South -- Top -- FM001
Entries 1.586696e+07

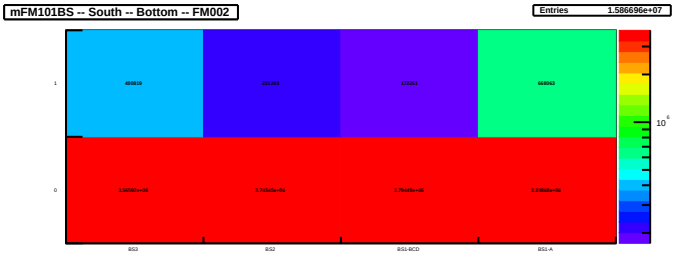

mFM101BSsim -- South -- Top -- FM001
Entries 3658124

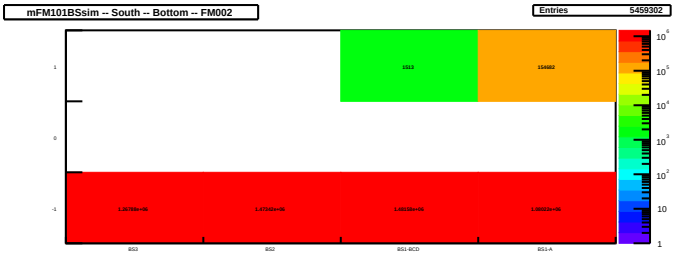

mFM101D -- South -- Top -- FM001
Entries 3966739
D(23)

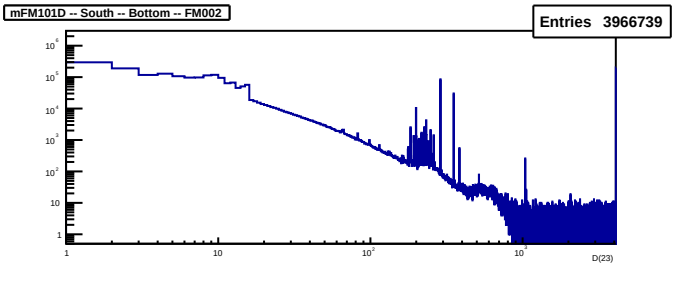

mFM101Dsim -- South -- Top -- FM001
Entries 1591859
D(23)

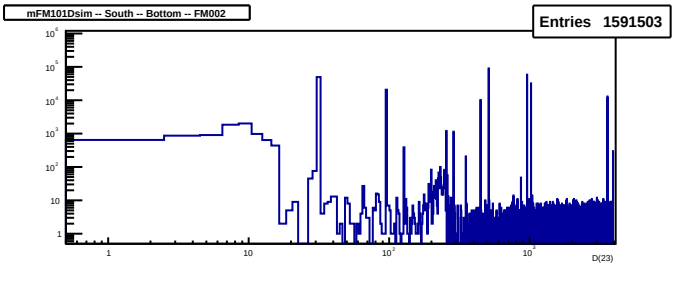

mFM101JP -- South -- Top -- FM001
Entries 7933478

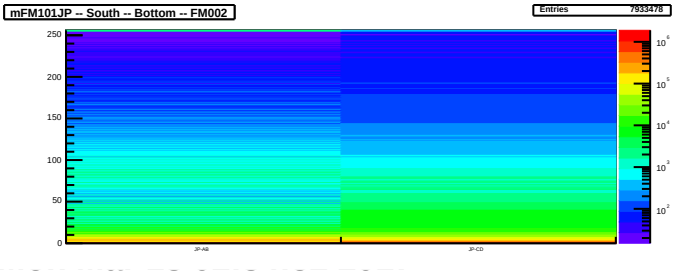

mFM101JPsim -- South -- Top -- FM001
Entries 3027308

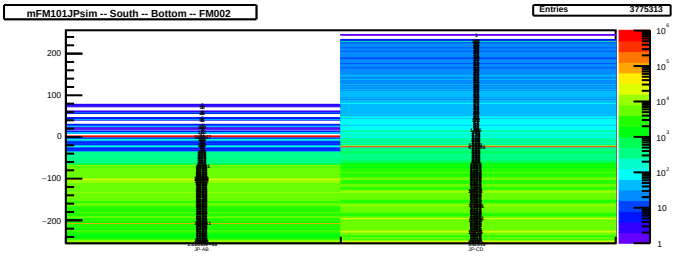

mFM101BS -- South -- Bottom -- FM002
Entries 1.586696e+07

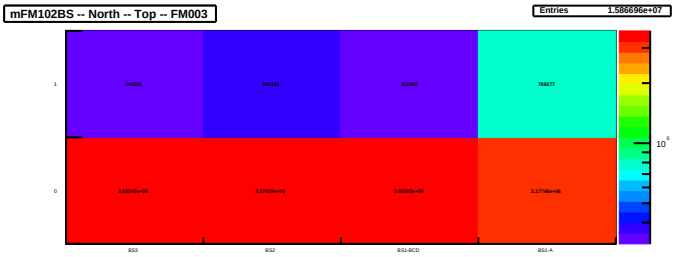

mFM101BSsim -- South -- Bottom -- FM002
Entries 5459302

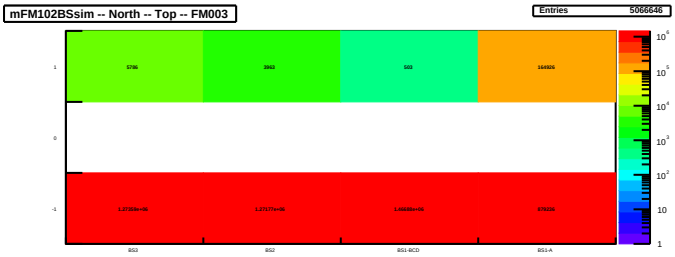

mFM101D -- South -- Bottom -- FM002
Entries 3966739
D(23)

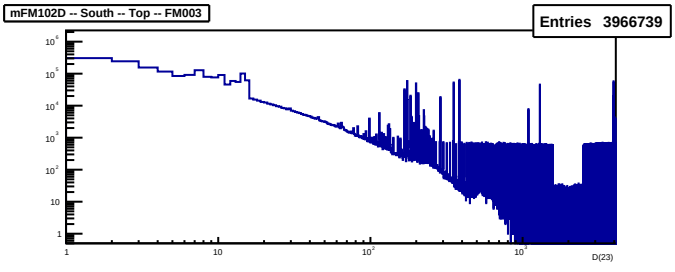

mFM101Dsim -- South -- Bottom -- FM002
Entries 1591503
D(23)

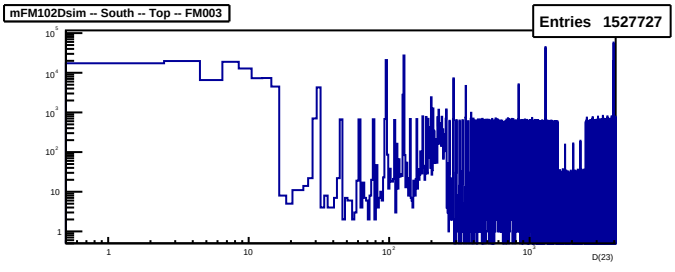

mFM101JP -- South -- Bottom -- FM002
Entries 7933478

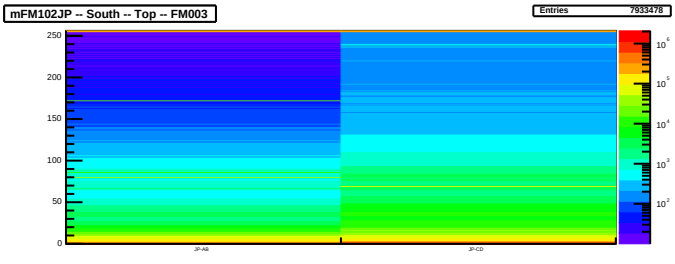

mFM101JPsim -- South -- Bottom -- FM002
Entries 3775313

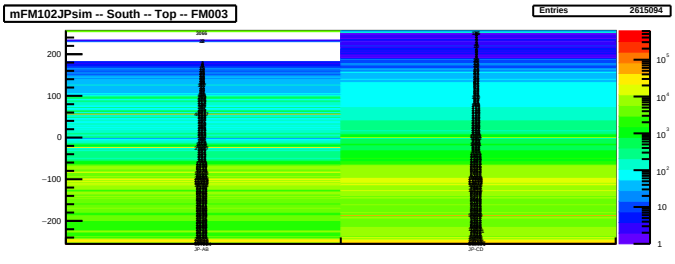

mFM102BS -- North -- Top -- FM003
Entries 1.586696e+07

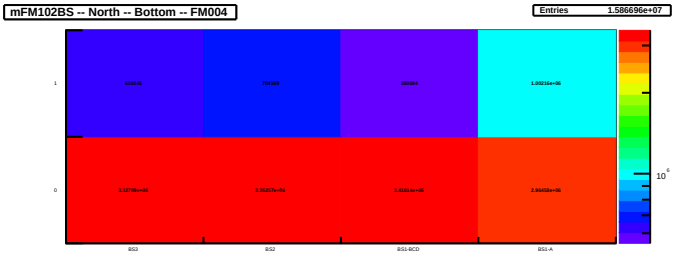

mFM102BSsim -- North -- Top -- FM003
Entries 5066646

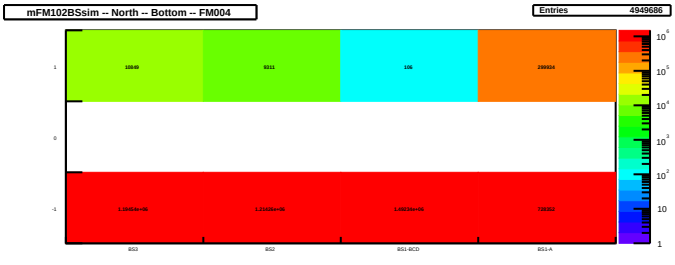

mFM102D -- South -- Top -- FM003
Entries 3966739
D(23)

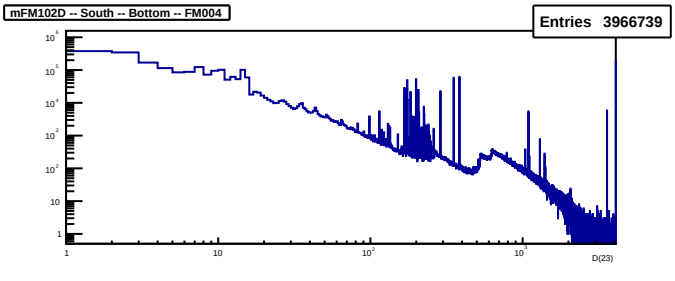

mFM102Dsim -- South -- Top -- FM003
Entries 1527727
D(23)

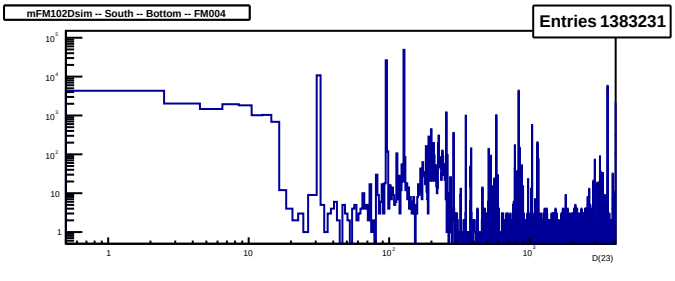

mFM102JP -- South -- Top -- FM003
Entries 7933478

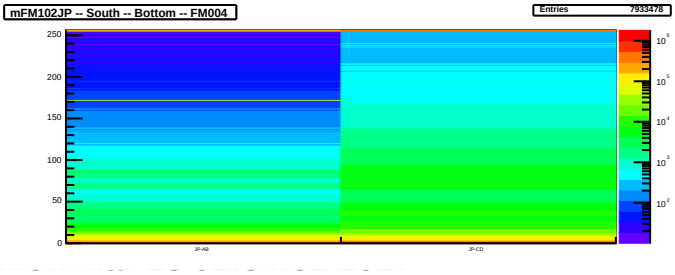

mFM102JPsim -- South -- Top -- FM003
Entries 2615094

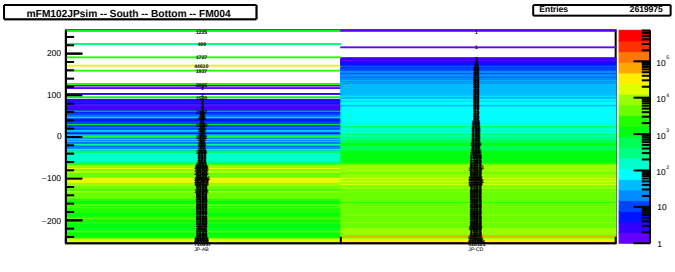

mFM102BS -- North -- Bottom -- FM004
Entries 1.586696e+07

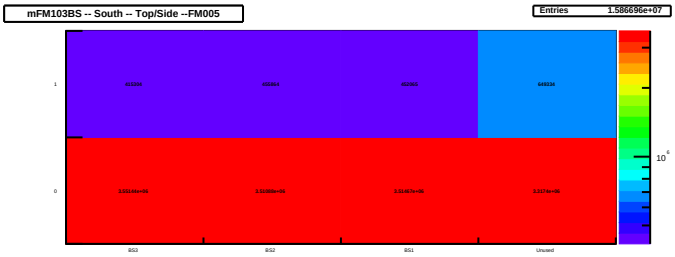

mFM102BSsim -- North -- Bottom -- FM004
Entries 4949686

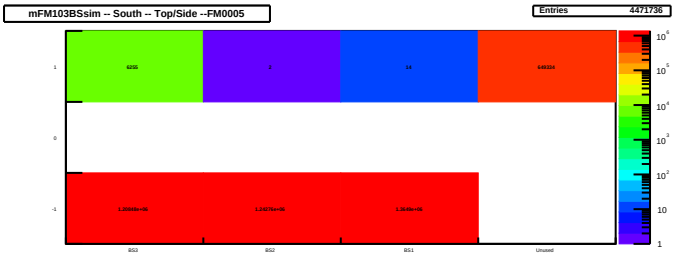

mFM102D -- South -- Bottom -- FM004
Entries 3966739
D(23)

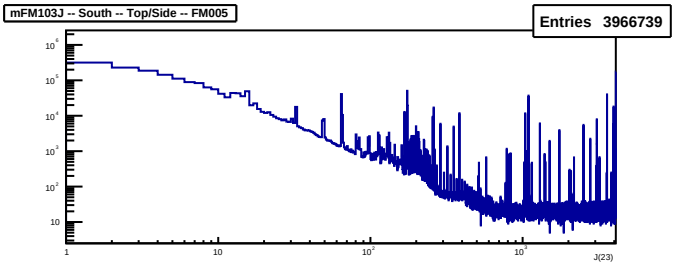

mFM102Dsim -- South -- Bottom -- FM004
Entries 1383231
D(23)

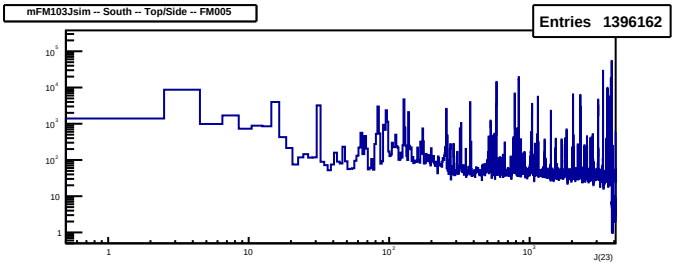

mFM102JP -- South -- Bottom -- FM004
Entries 7933478

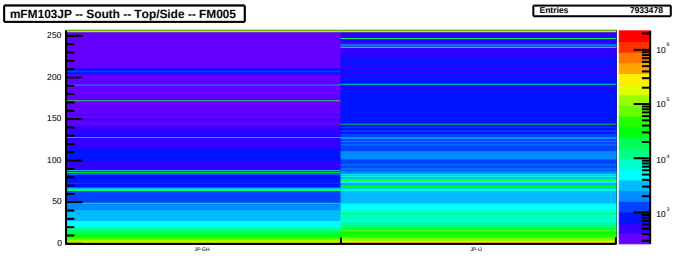

mFM102JPsim -- South -- Bottom -- FM004
Entries 2619975

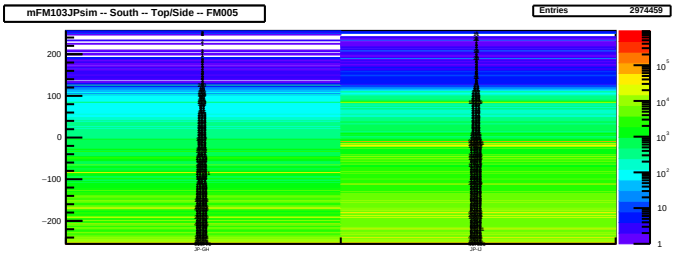

mFM103BS -- South -- Top/Side --FM005
Entries 1.586696e+07

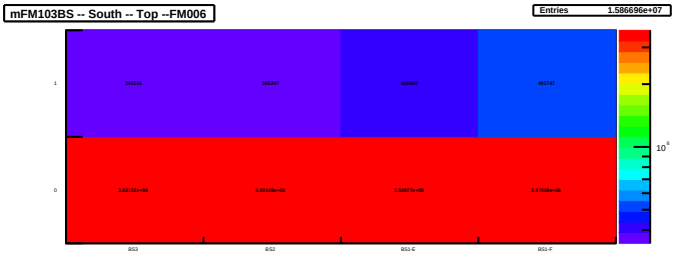

mFM103BSsim -- South -- Top/Side --FM0005
Entries 4471736

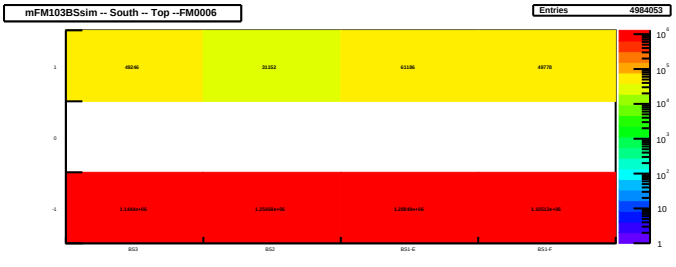

mFM103J -- South -- Top/Side -- FM005
Entries 3966739
J(23)

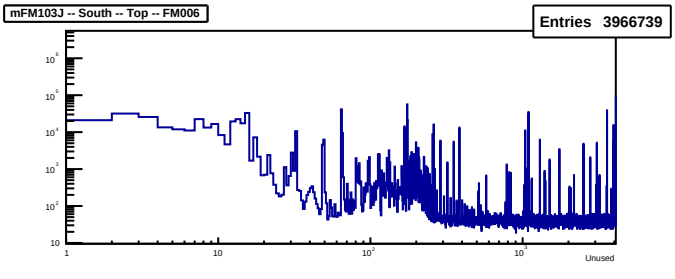

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1396162
J(23)

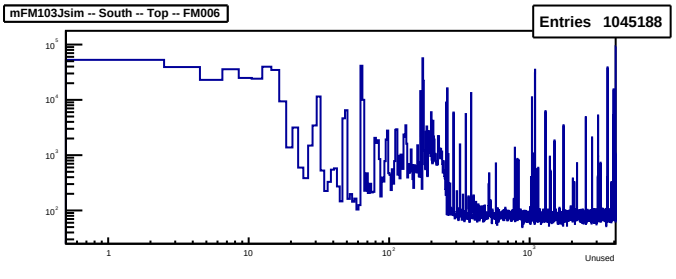

mFM103JP -- South -- Top/Side -- FM005
Entries 7933478

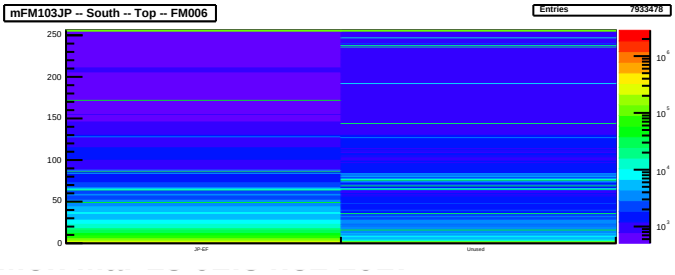

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2974459

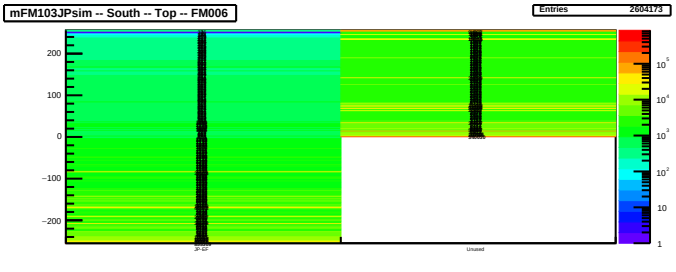

mFM103BS -- South -- Top --FM006
Entries 1.586696e+07

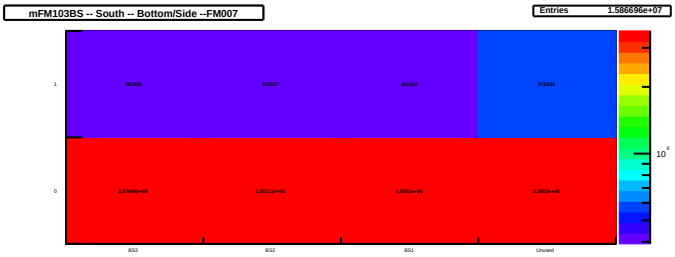

mFM103BSsim -- South -- Top --FM0006
Entries 4984053

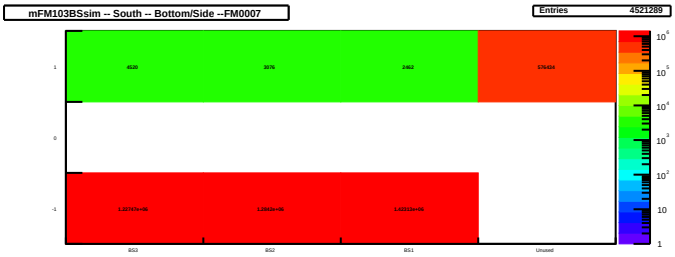

mFM103J -- South -- Top -- FM006
Entries 3966739
Unused

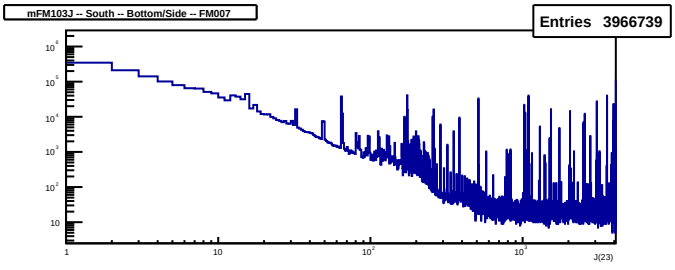

mFM103Jsim -- South -- Top -- FM006
Entries 1045188
Unused

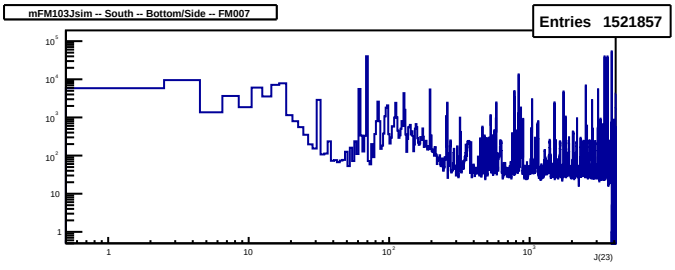

mFM103JP -- South -- Top -- FM006
Entries 7933478

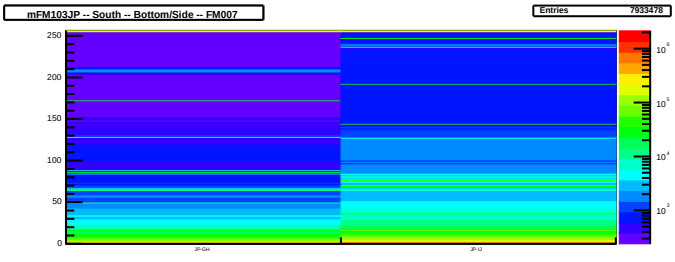

mFM103JPsim -- South -- Top -- FM006
Entries 2604173

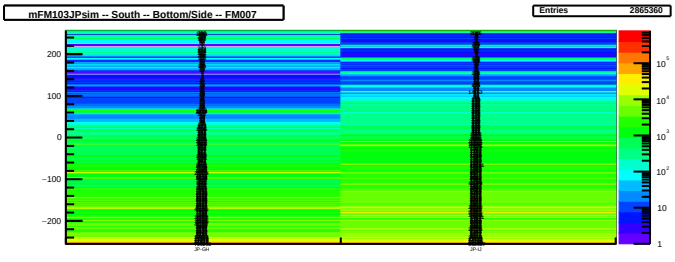

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.586696e+07

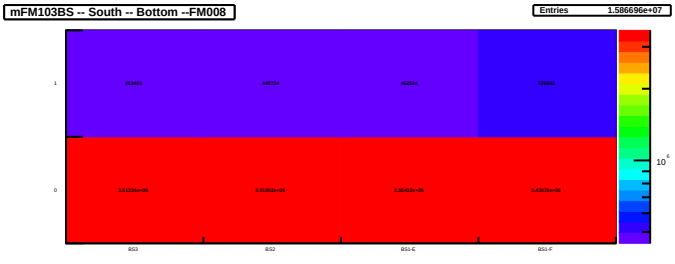

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 4521289

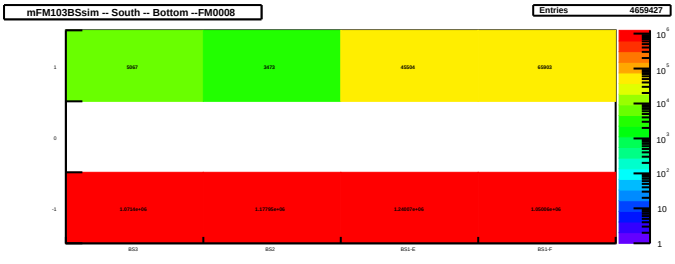

mFM103J -- South -- Bottom/Side -- FM007
Entries 3966739
J(23)

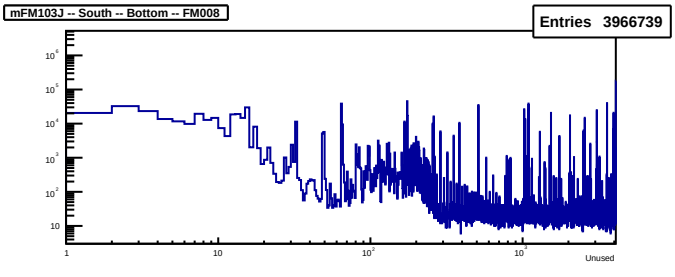

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1521857
J(23)

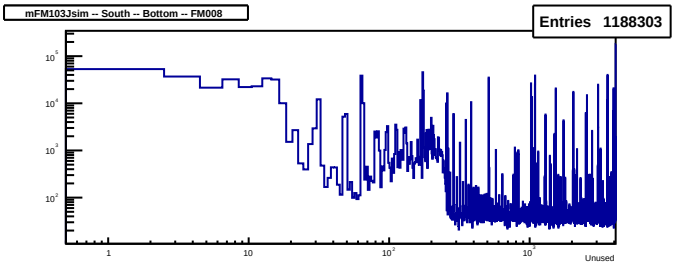

mFM103JP -- South -- Bottom/Side -- FM007
Entries 7933478

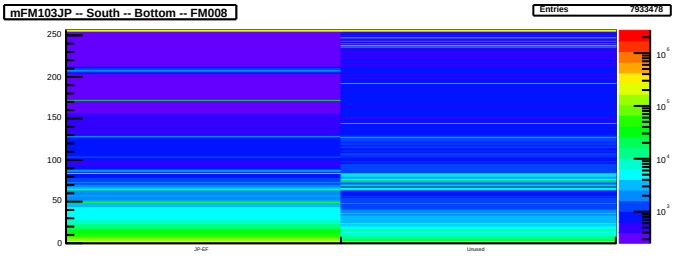

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2865360

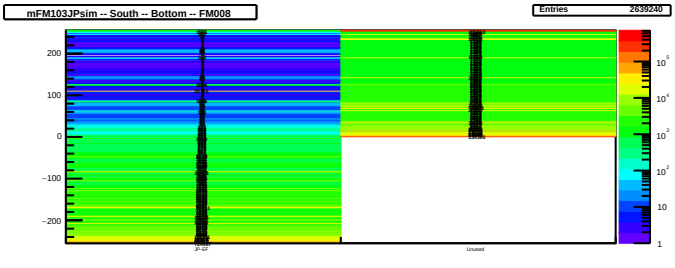

mFM103BS -- South -- Bottom --FM008
Entries 1.586696e+07

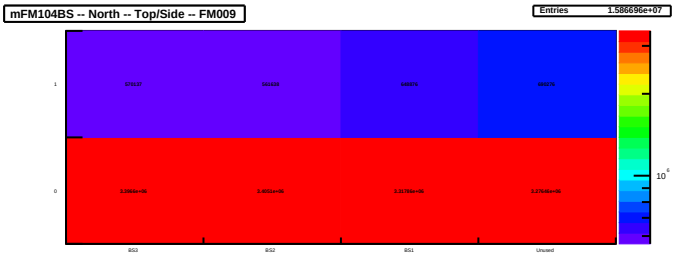

mFM103BSsim -- South -- Bottom --FM0008
Entries 4659427

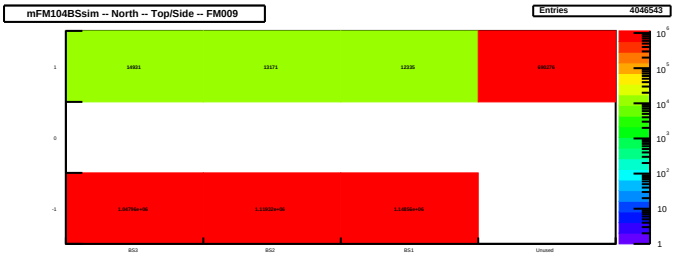

mFM103J -- South -- Bottom -- FM008
Entries 3966739
Unused

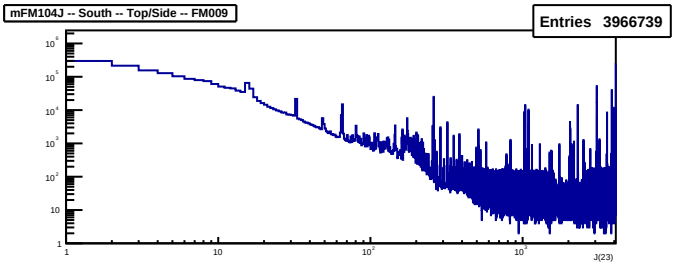

mFM103Jsim -- South -- Bottom -- FM008
Entries 1188303
Unused

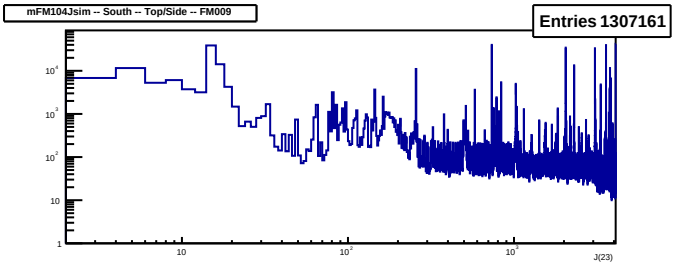

mFM103JP -- South -- Bottom -- FM008
Entries 7933478

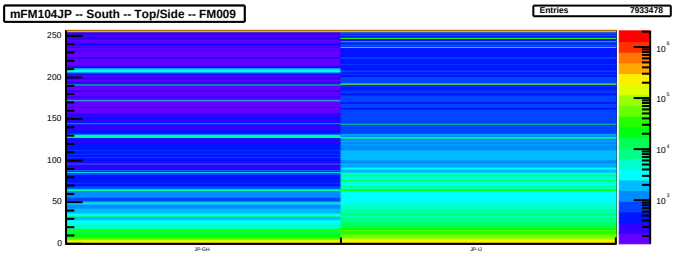

mFM103JPsim -- South -- Bottom -- FM008
Entries 2639240

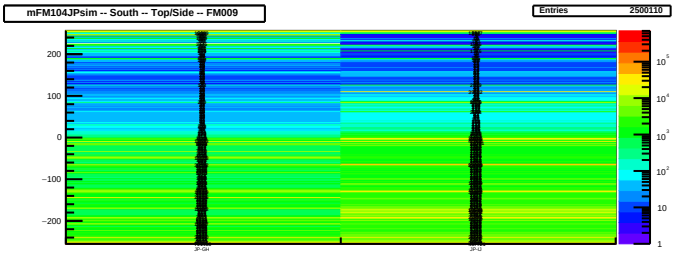

mFM104BS -- North -- Top/Side -- FM009
Entries 1.586696e+07

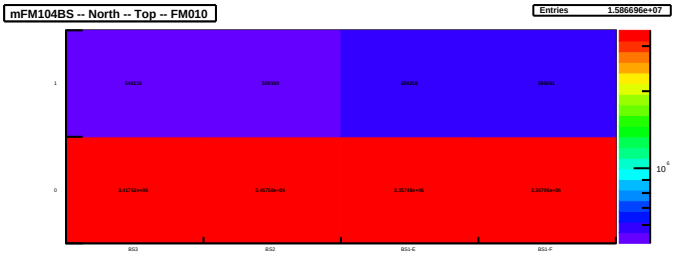

mFM104BSsim -- North -- Top/Side -- FM009
Entries 4046543

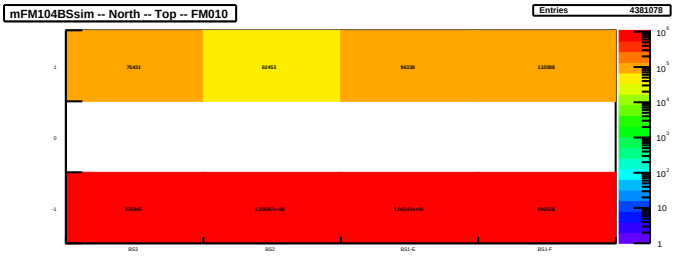

mFM104J -- South -- Top/Side -- FM009
Entries 3966739
J(23)

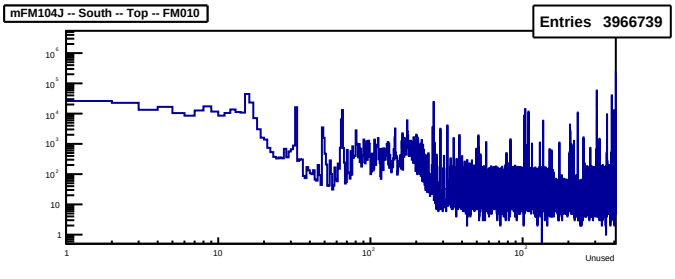

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1307161
J(23)

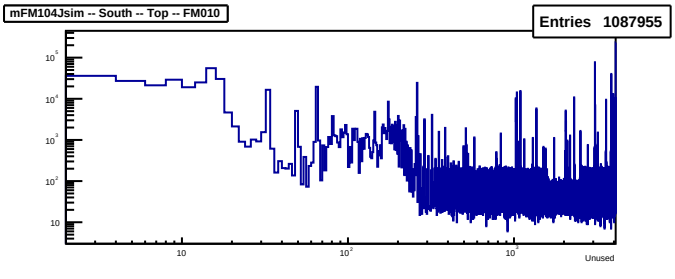

mFM104JP -- South -- Top/Side -- FM009
Entries 7933478

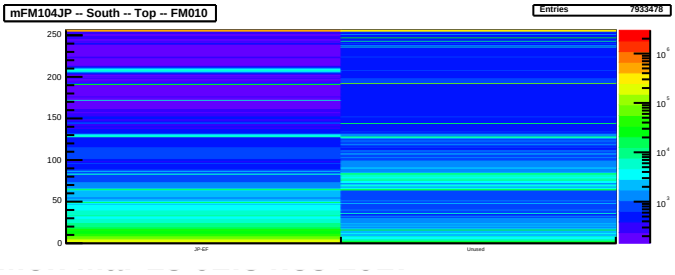

mFM104JPsim -- South -- Top/Side -- FM009
Entries 2500110

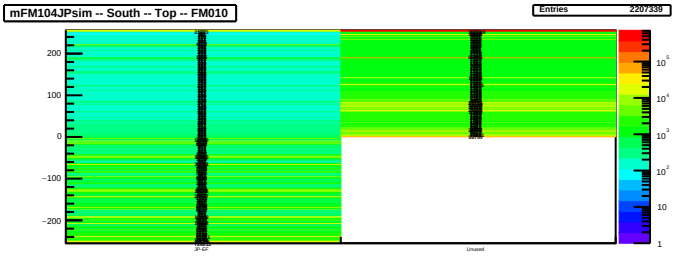

mFM104BS -- North -- Top -- FM010
Entries 1.586696e+07

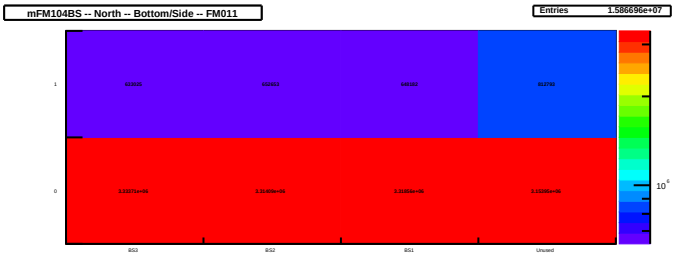

mFM104BSsim -- North -- Top -- FM010
Entries 4381078

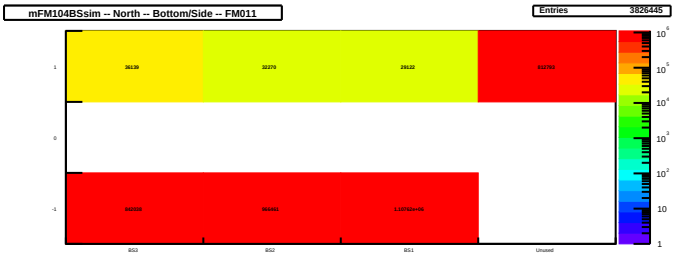

mFM104J -- South -- Top -- FM010
Entries 3966739
Unused

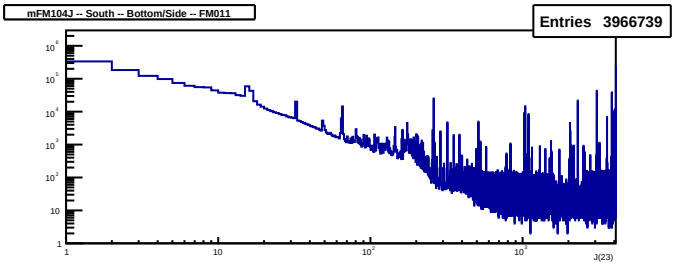

mFM104Jsim -- South -- Top -- FM010
Entries 1087955
Unused

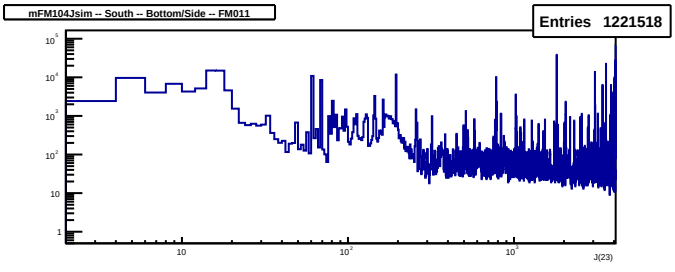

mFM104JP -- South -- Top -- FM010
Entries 7933478

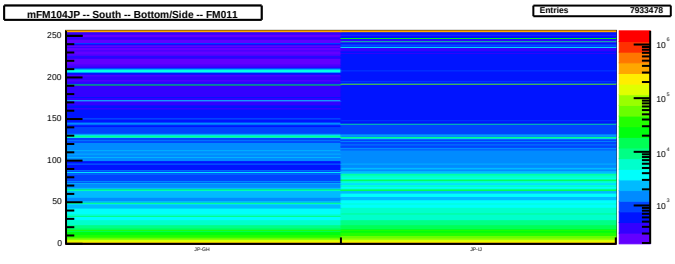

mFM104JPsim -- South -- Top -- FM010
Entries 2207339

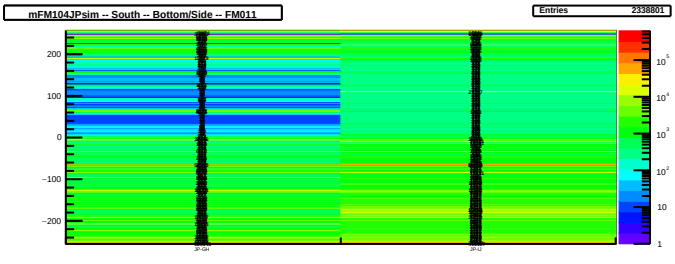

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.586696e+07

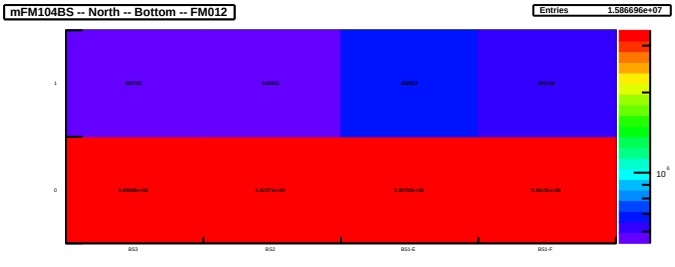

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3826445

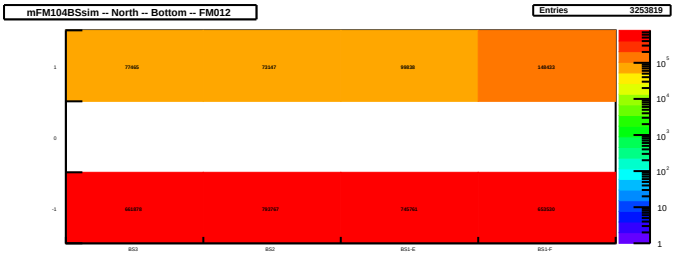

mFM104J -- South -- Bottom/Side -- FM011
Entries 3966739
J(23)

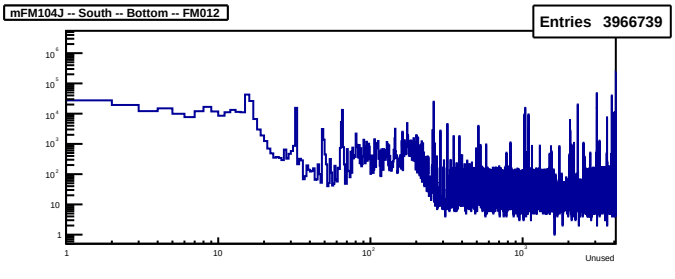

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1221518
J(23)

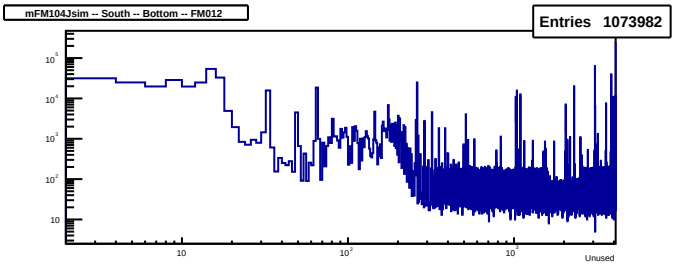

mFM104JP -- South -- Bottom/Side -- FM011
Entries 7933478

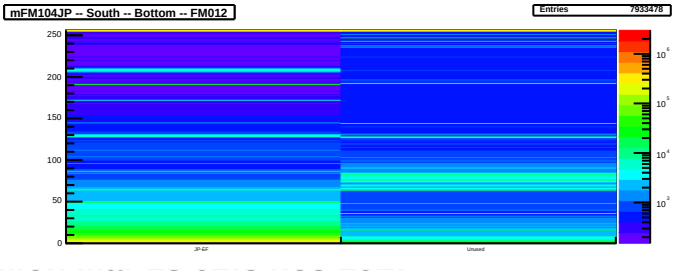

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2338801

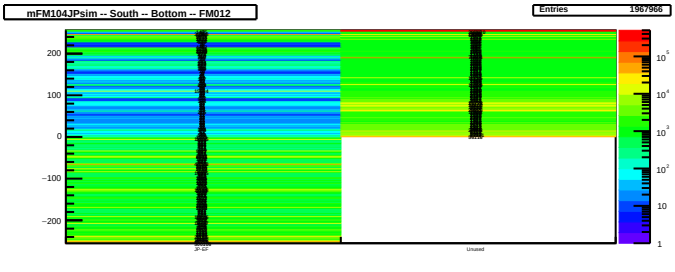

mFM104BS -- North -- Bottom -- FM012
Entries 1.586696e+07

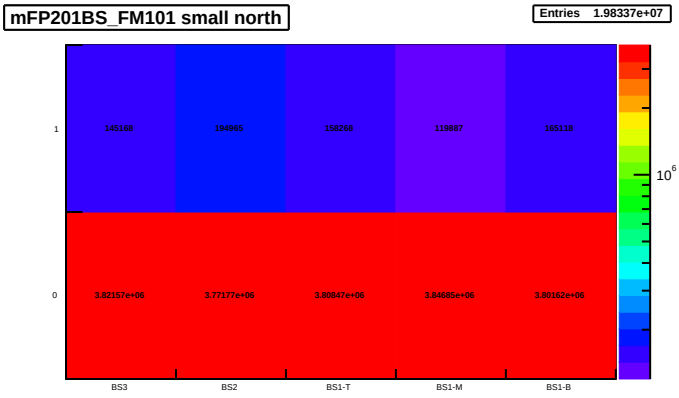

mFM104BSsim -- North -- Bottom -- FM012
Entries 3253819

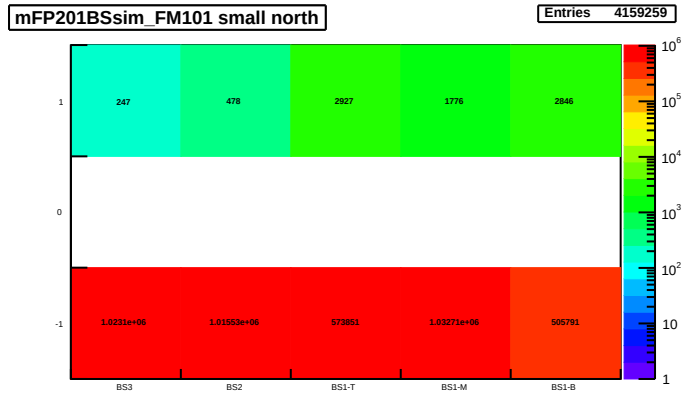

mFM104J -- South -- Bottom -- FM012
Entries 3966739
Unused

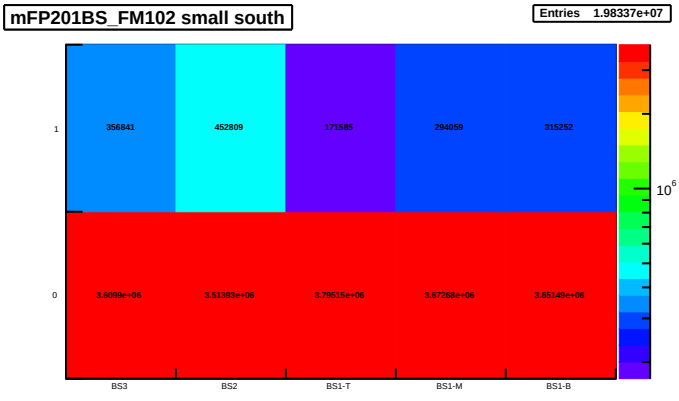

mFM104Jsim -- South -- Bottom -- FM012
Entries 1073982
Unused

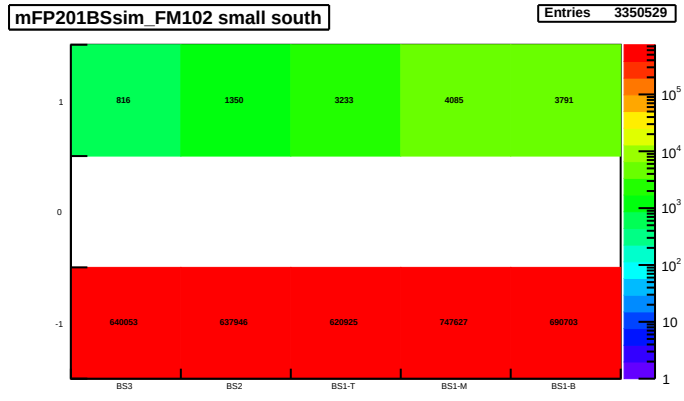

mFM104JP -- South -- Bottom -- FM012
Entries 7933478

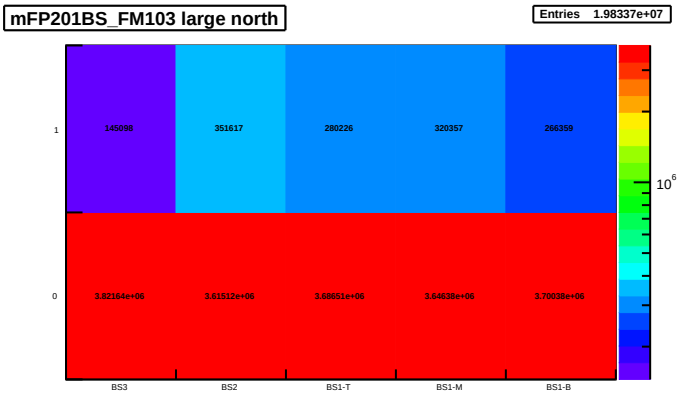

mFM104JPsim -- South -- Bottom -- FM012
Entries 1967966

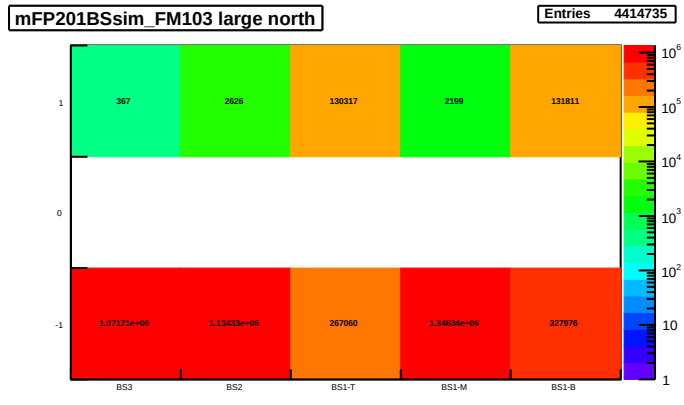

mFP201BS_FM101 small north
Entries 1.98337e+07
145168
194985
158268
119987
165118
3.82157e+06
3.77177e+06
3.80847e+06
3.84685e+06
3.80162e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

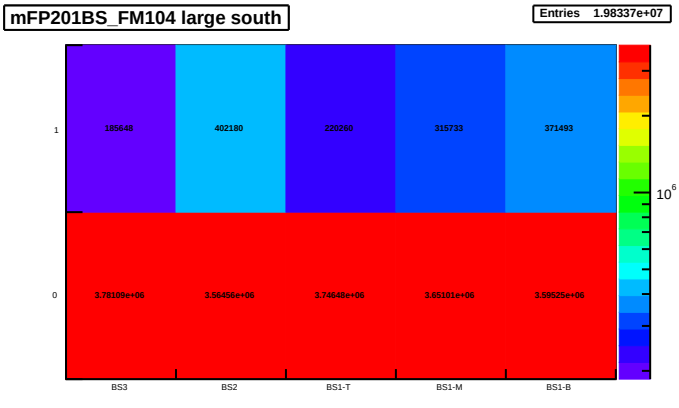

mFP201BSsim_FM101 small north
Entries 4159259
247
478
2927
1776
2846
1.0231e+06
1.01553e+06
573851
1.03271e+06
505791
BS3
BS2
BS1-T
BS1-M
BS1-B

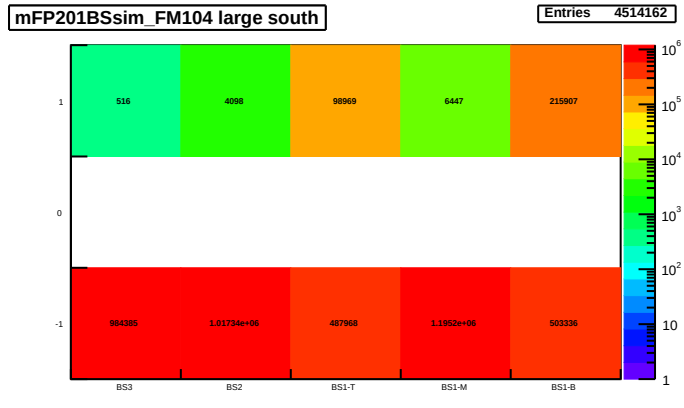

mFP201BS_FM102 small south
Entries 1.98337e+07
356841
452809
171585
294059
315252
3.6099e+06
3.51393e+06
3.79515e+06
3.67268e+06
3.65149e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

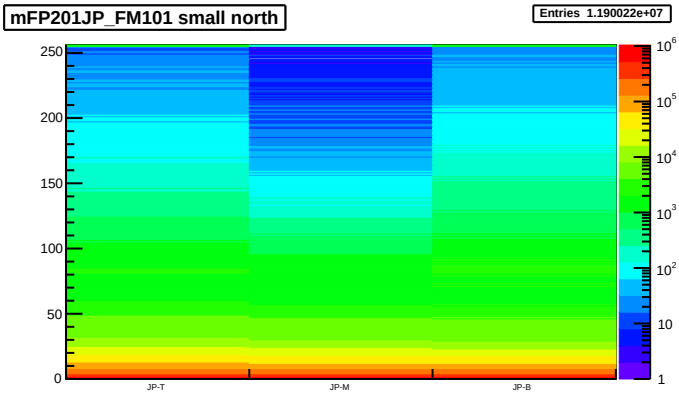

mFP201BSsim_FM102 small south
Entries 3350529
816
1350
3233
4085
3791
640053
637946
620925
747627
690703
BS3
BS2
BS1-T
BS1-M
BS1-B

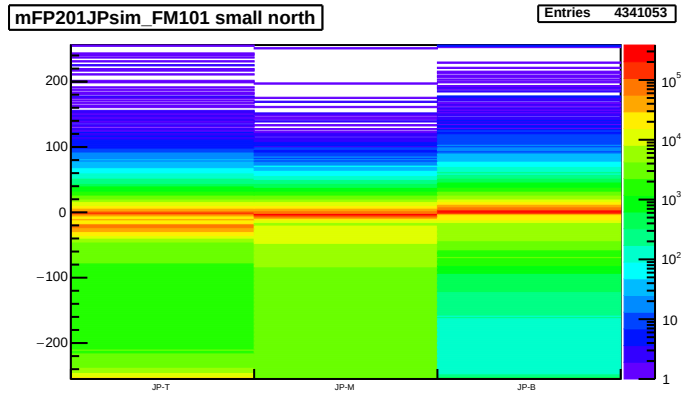

mFP201BS_FM103 large north
Entries 1.98337e+07
145098
351617
280226
320357
266359
3.82164e+06
3.61512e+06
3.68651e+06
3.64638e+06
3.70038e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

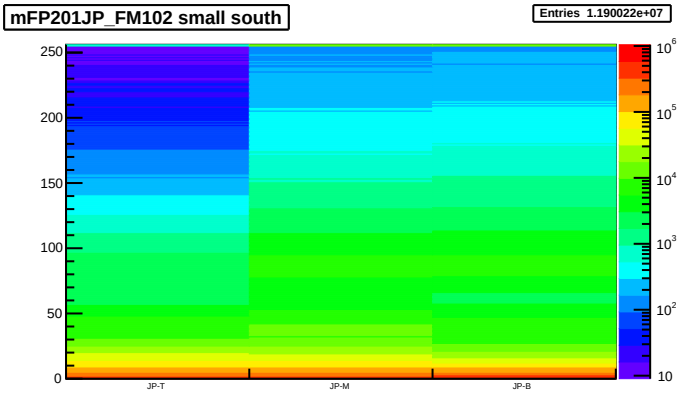

mFP201BSsim_FM103 large north
Entries 4414735
367
2626
130317
2199
131811
1.07171e+06
1.13433e+06
267060
1.34634e+06
327976
BS3
BS2
BS1-T
BS1-M
BS1-B

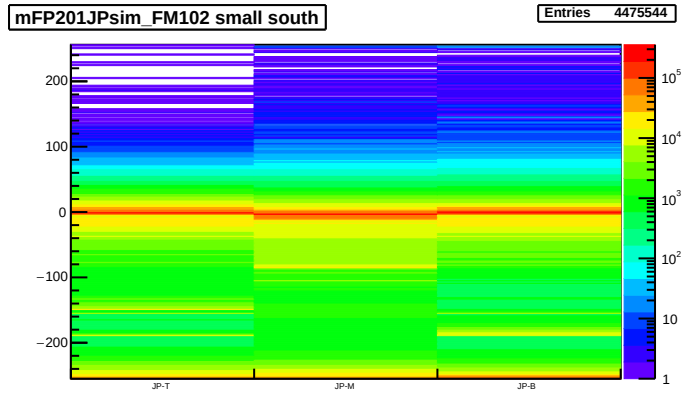

mFP201BS_FM104 large south
Entries 1.98337e+07
185648
402180
220260
315733
371493
3.78109e+06
3.56456e+06
3.74648e+06
3.65101e+06
3.59525e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

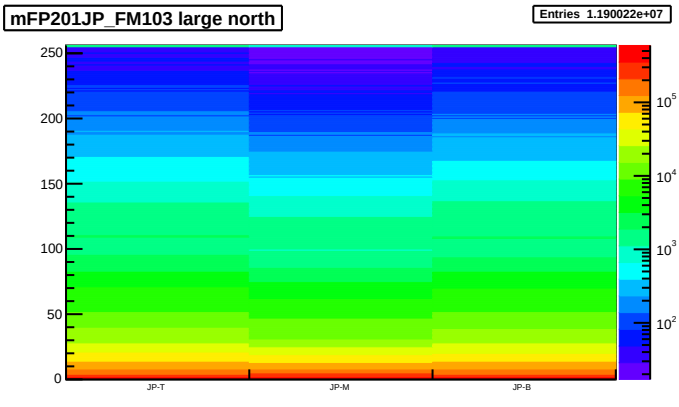

mFP201BSsim_FM104 large south
Entries 4514162
516
4098
98969
6447
215907
984385
1.01734e+06
487968
1.1952e+06
503336
BS3
BS2
BS1-T
BS1-M
BS1-B

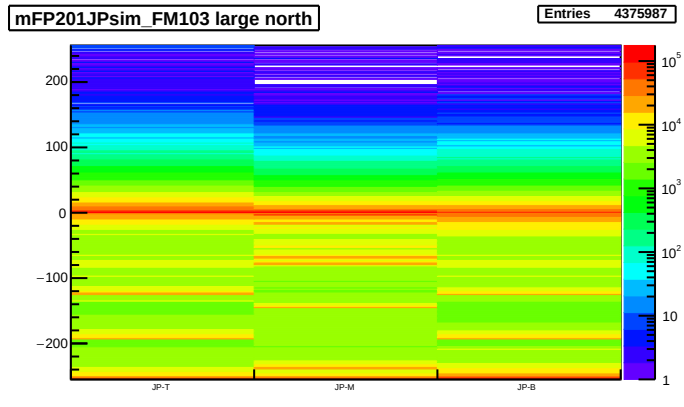

mFP201JP_FM101 small north
Entries 1.190022e+07
JP-T
JP-M
JP-B

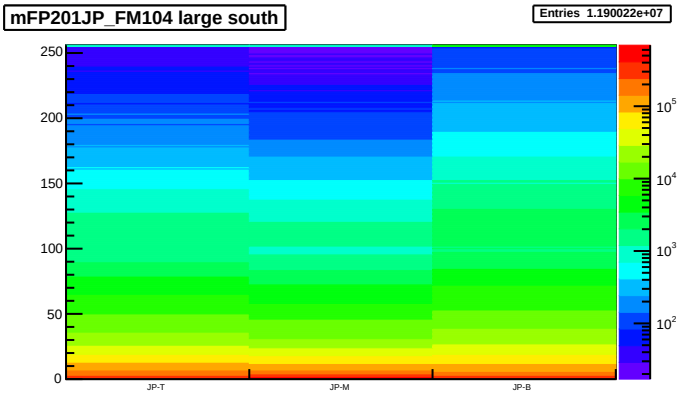

mFP201JPsim_FM101 small north
Entries 4341053
JP-T
JP-M
JP-B

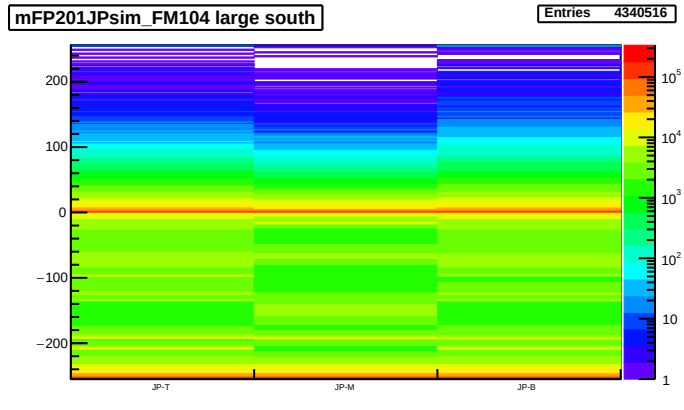

mFP201JP_FM102 small south
Entries 1.190022e+07
JP-T
JP-M
JP-B

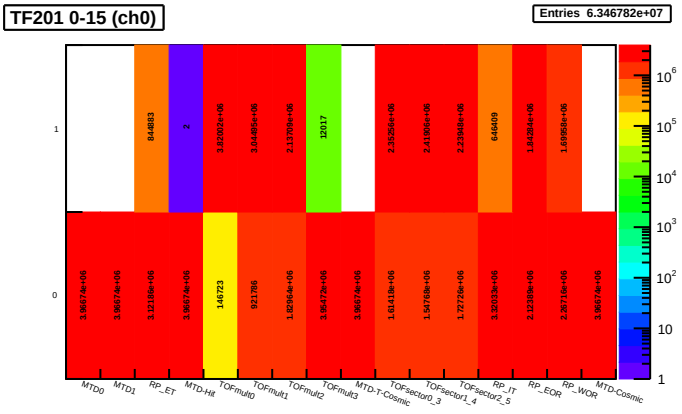

mFP201JPsim_FM102 small south
Entries 4475544
JP-T
JP-M
JP-B

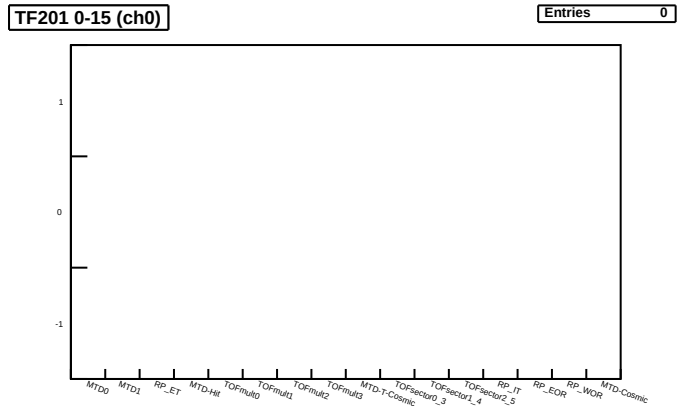

mFP201JP_FM103 large north
Entries 1.190022e+07
JP-T
JP-M
JP-B

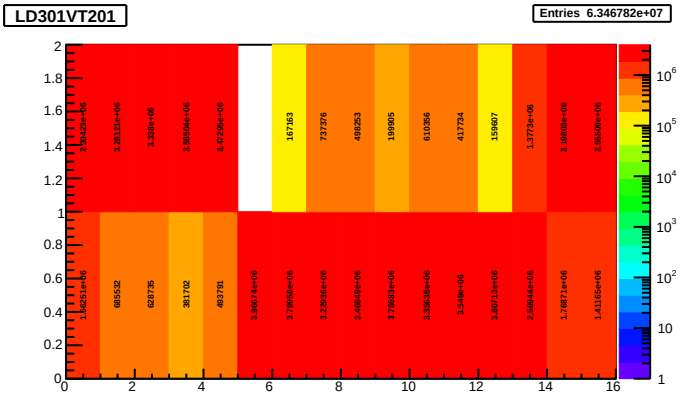

mFP201JPsim_FM103 large north
Entries 4375987
JP-T
JP-M
JP-B

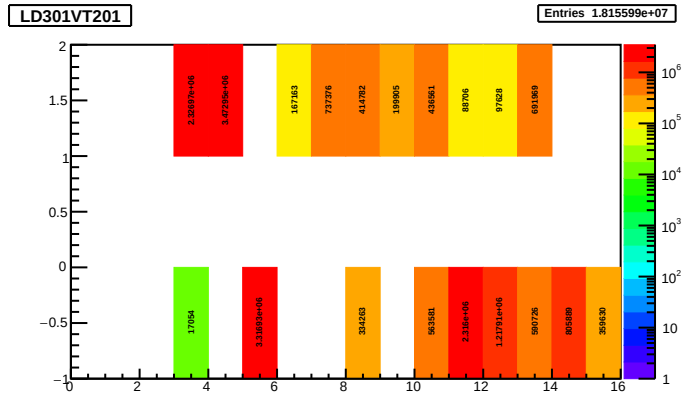

mFP201JP_FM104 large south
Entries 1.190022e+07
JP-T
JP-M
JP-B

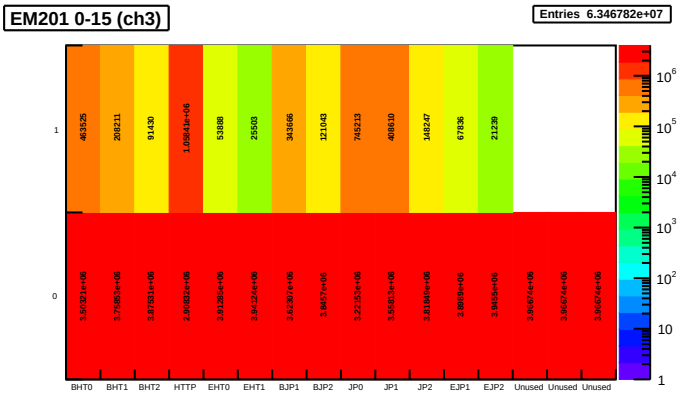

mFP201JPsim_FM104 large south
Entries 4340516
JP-T
JP-M
JP-B

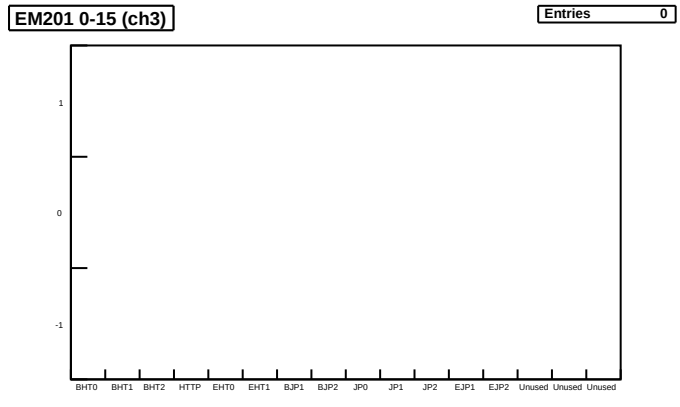

TF201 0-15 (ch0)
Entries 6.346782e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

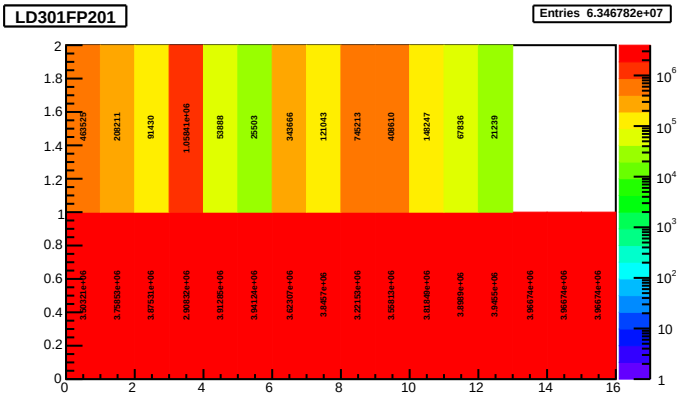

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

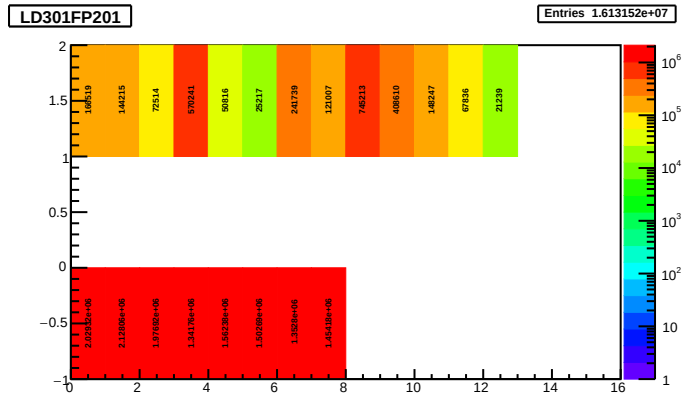

LD301VT201
Entries 6.346782e+07


LD301VT201
Entries 1.815599e+07


EM201 0-15 (ch3)
Entries 6.346782e+07
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 6.346782e+07


LD301FP201
Entries 1.613152e+07