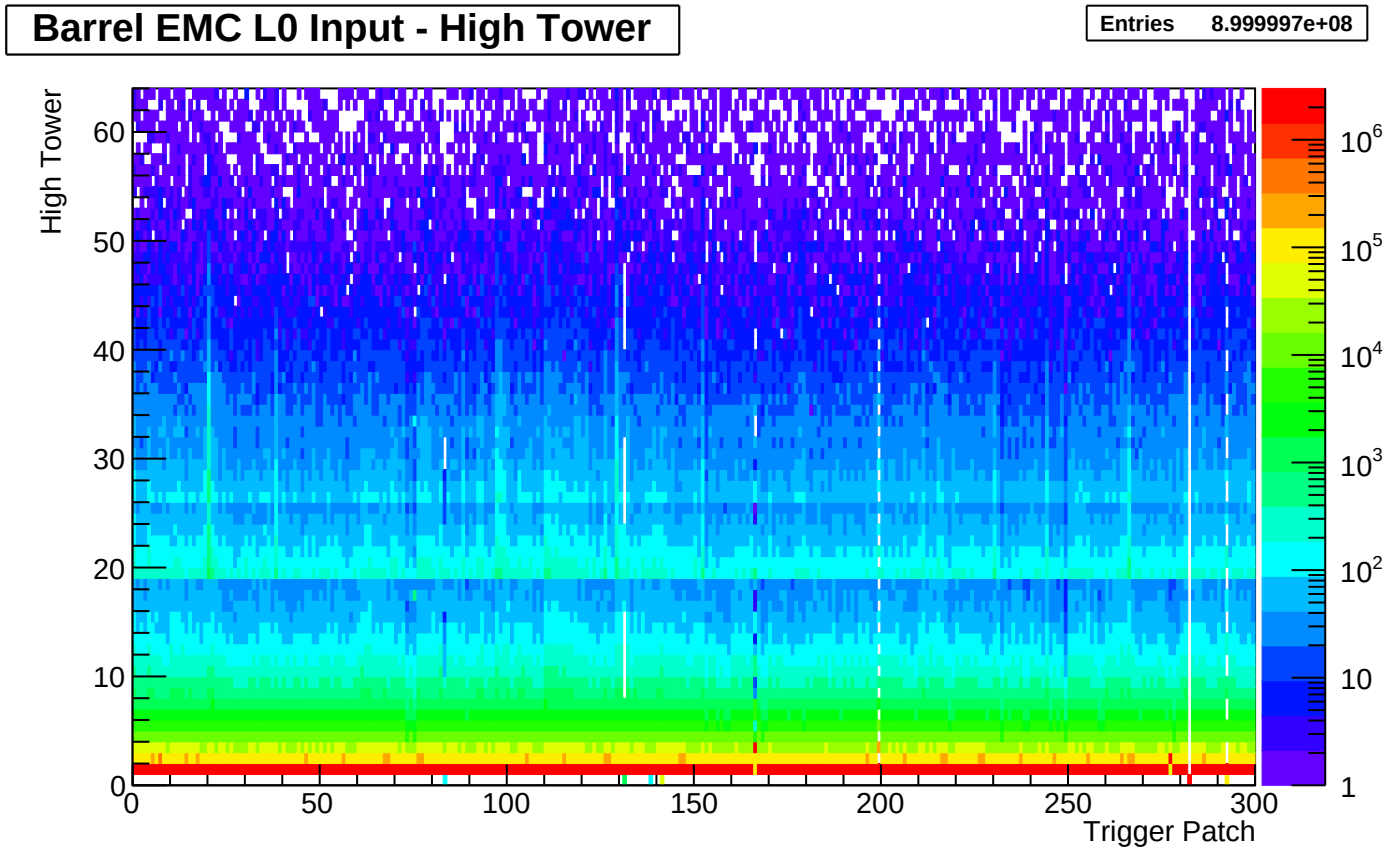
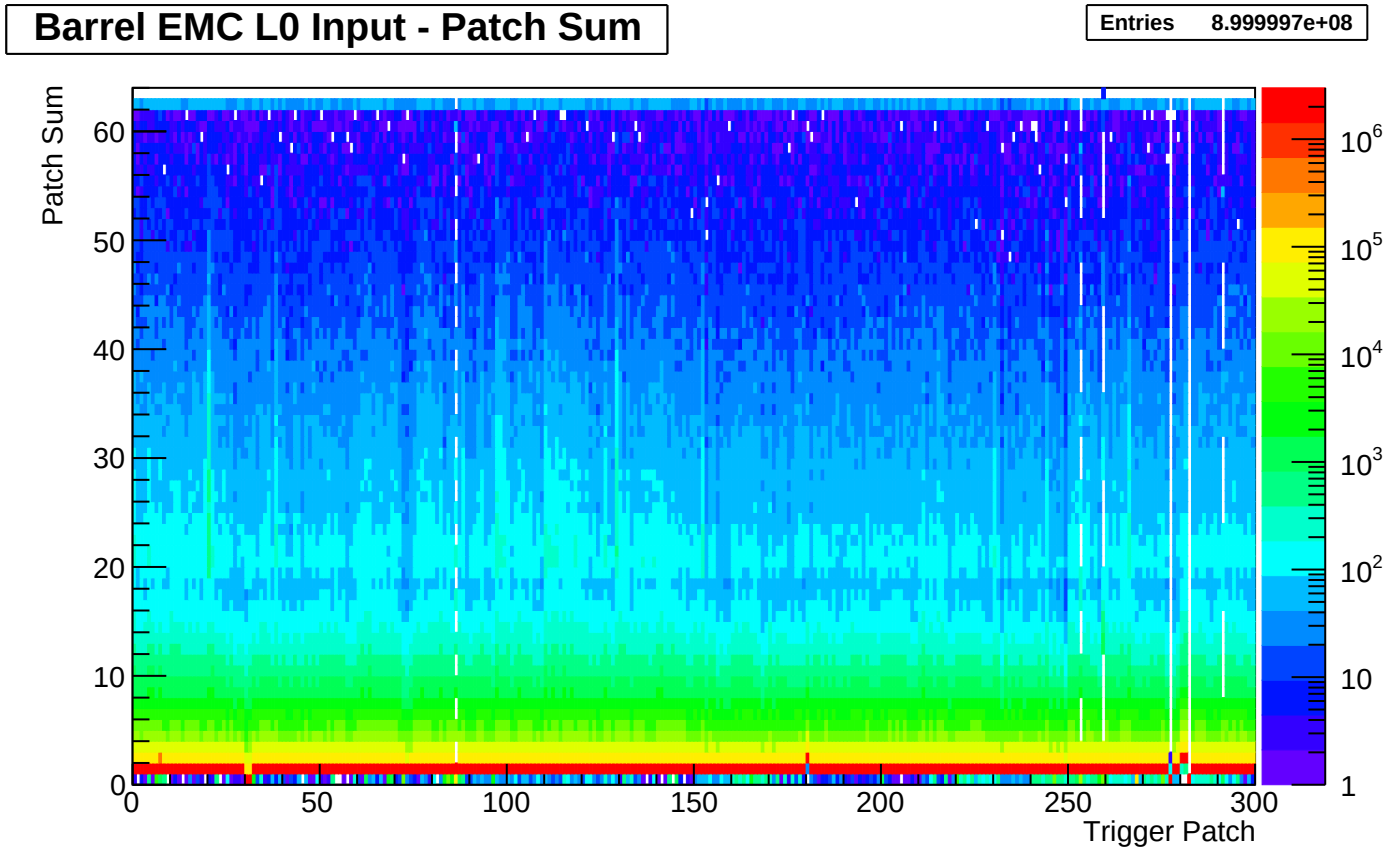
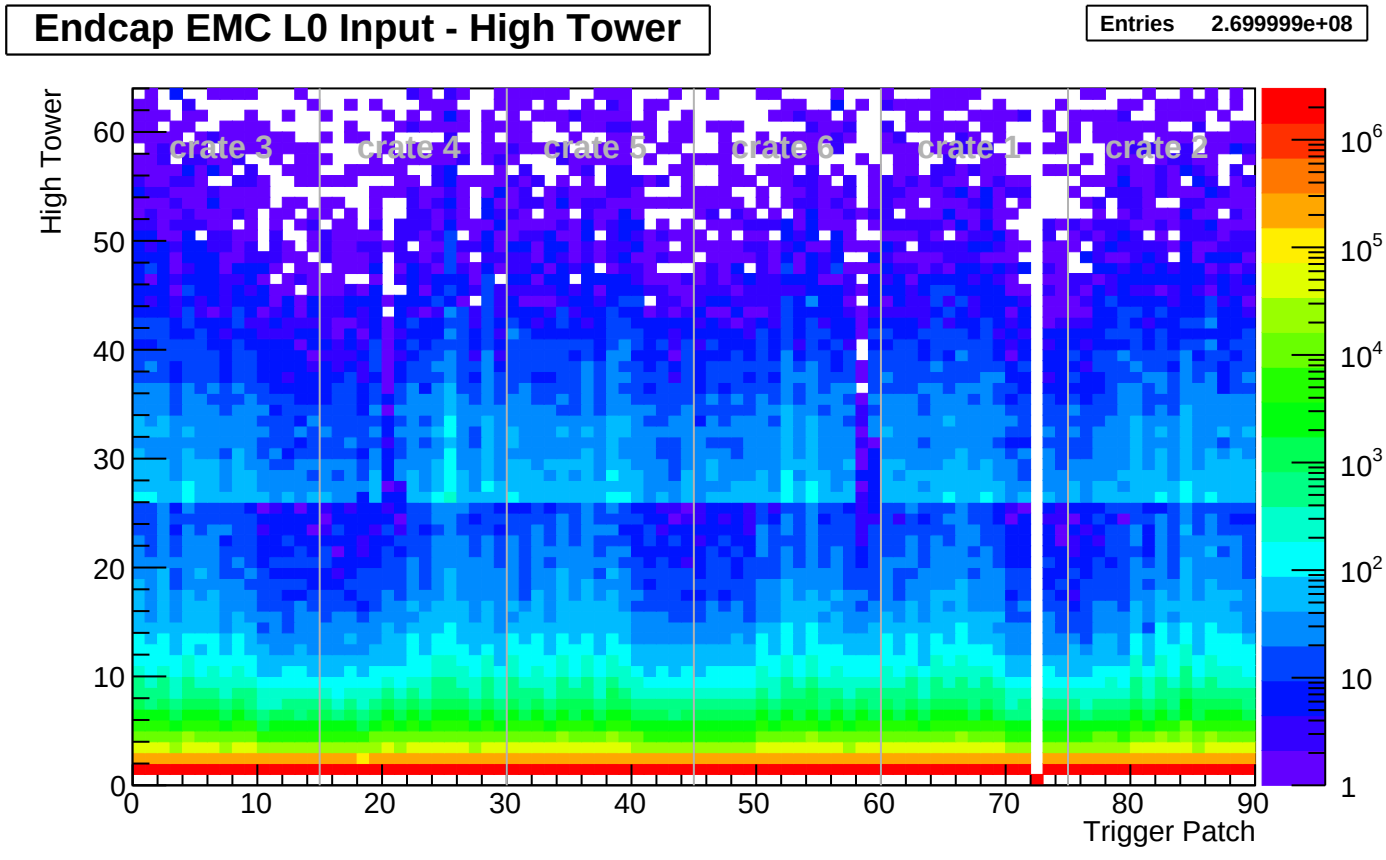
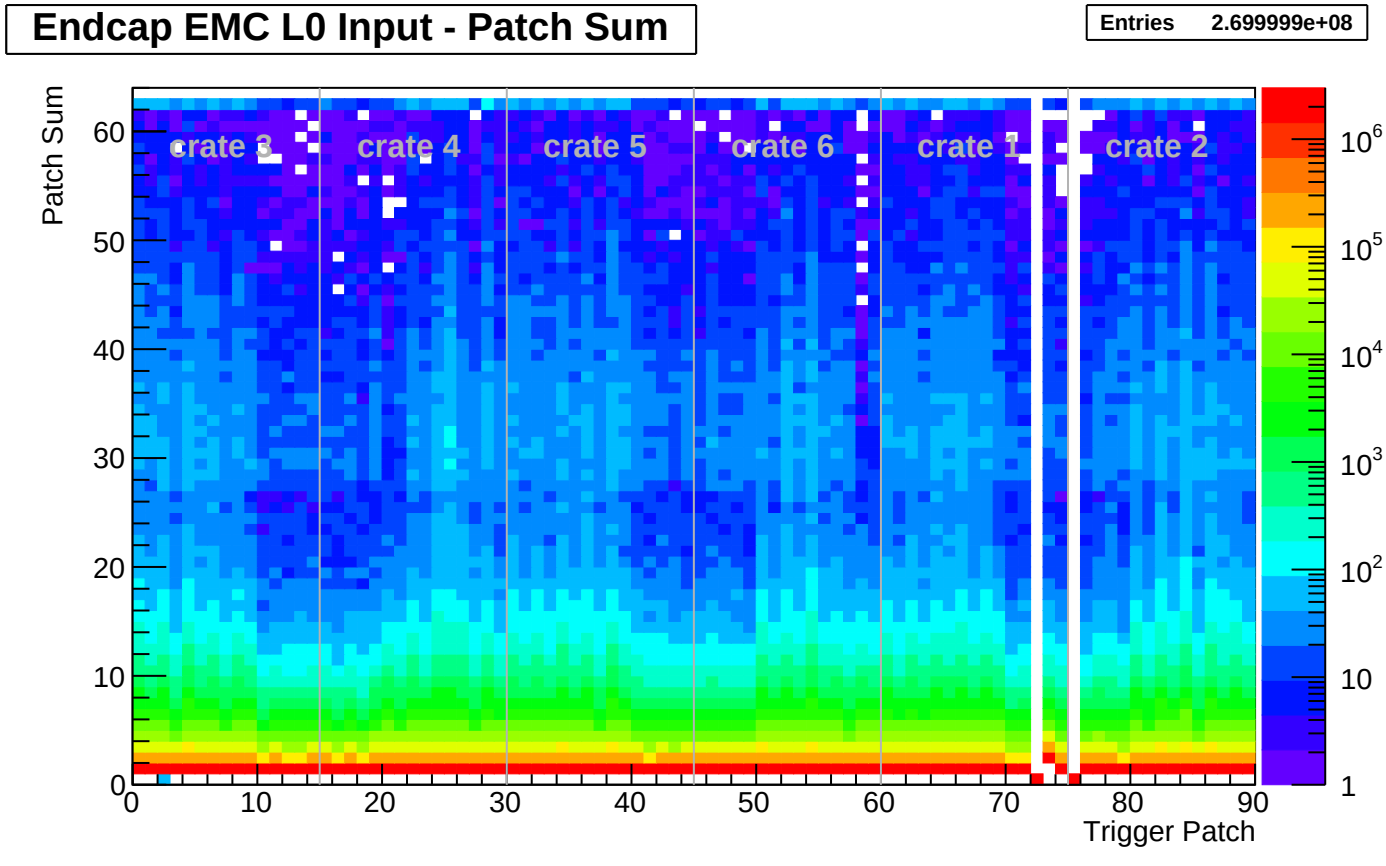
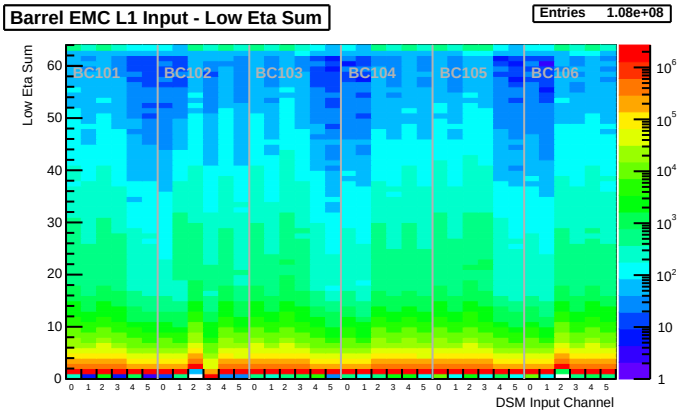
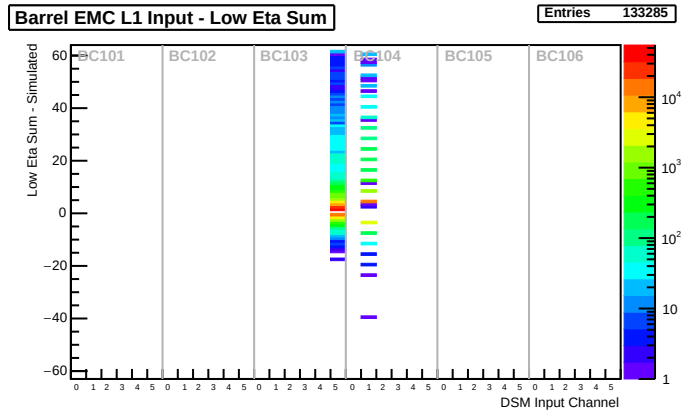

Barrel EMC L0 Input - High Tower
Entries 8.999997e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

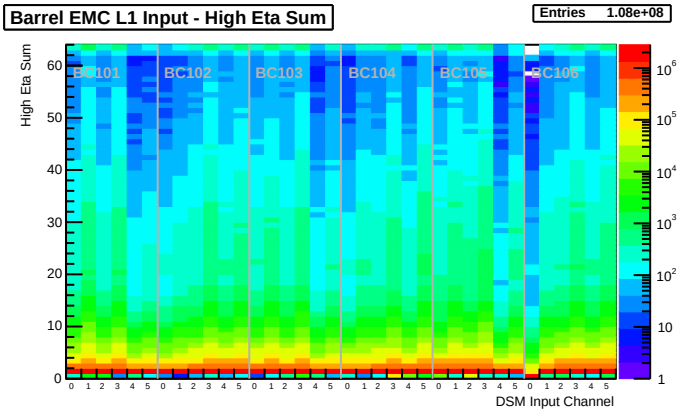

Barrel EMC L0 Input - Patch Sum
Entries 8.999997e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

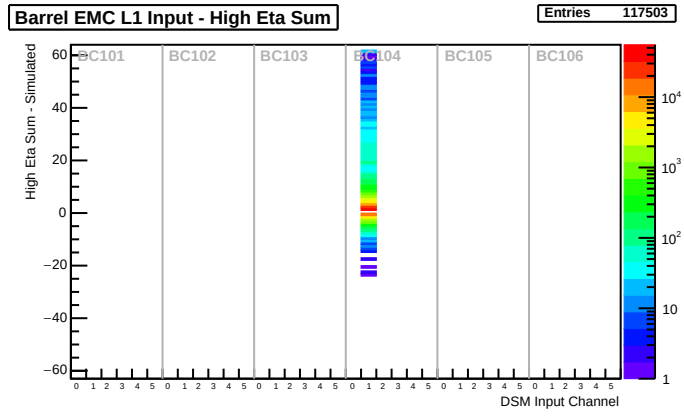

Endcap EMC L0 Input - High Tower
Entries 2.699999e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

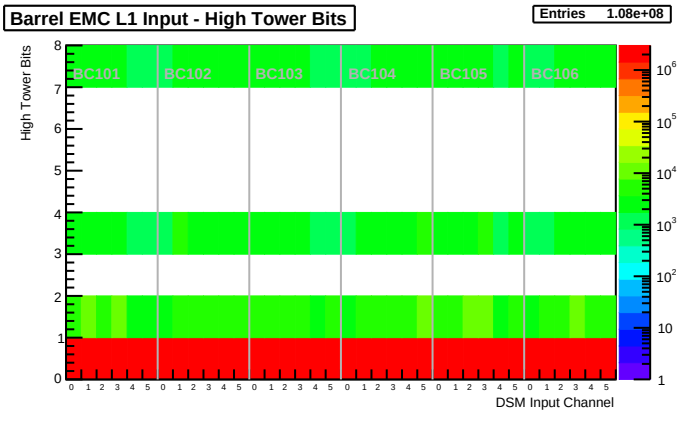

Endcap EMC L0 Input - Patch Sum
Entries 2.699999e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

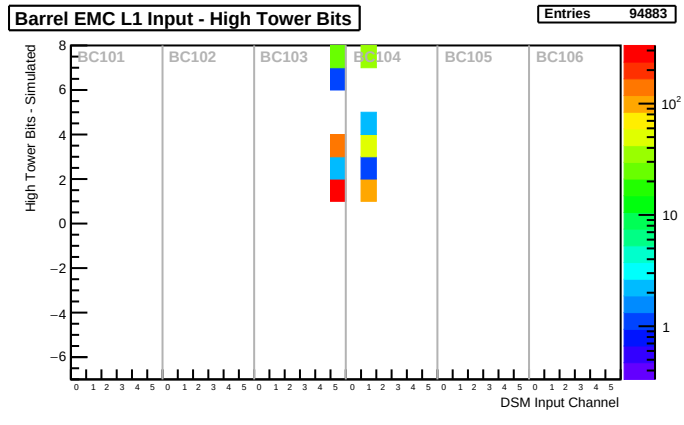

Barrel EMC L1 Input - Low Eta Sum
Entries 1.08e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

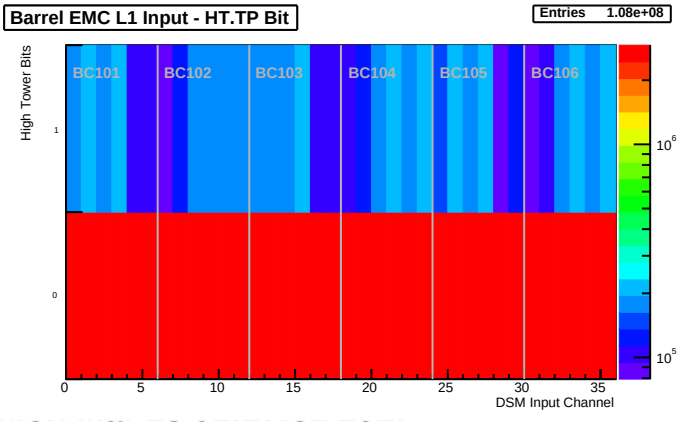

Barrel EMC L1 Input - Low Eta Sum
Entries 133285
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

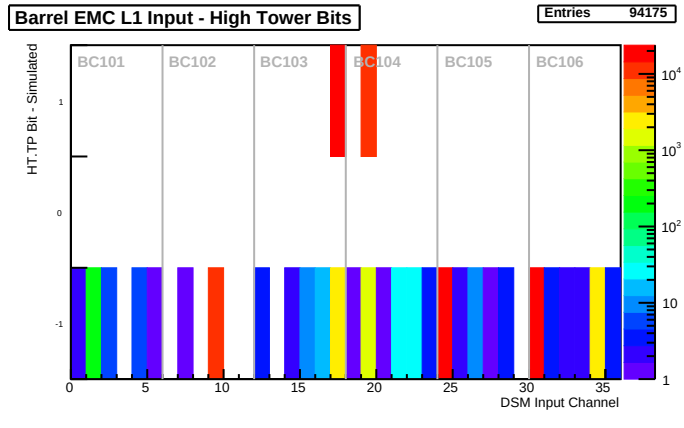

Barrel EMC L1 Input - High Eta Sum
Entries 1.08e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

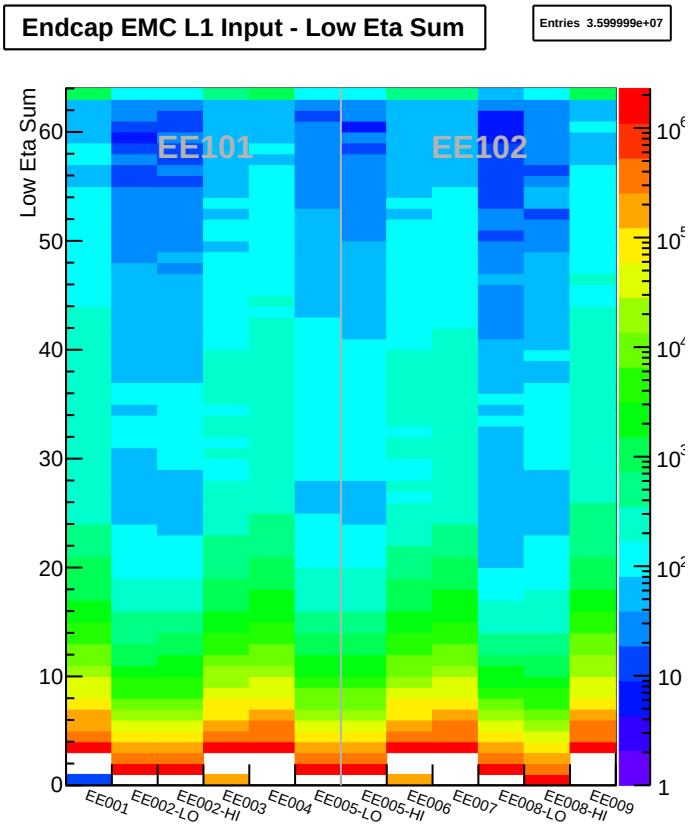

Barrel EMC L1 Input - High Eta Sum
Entries 117503
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

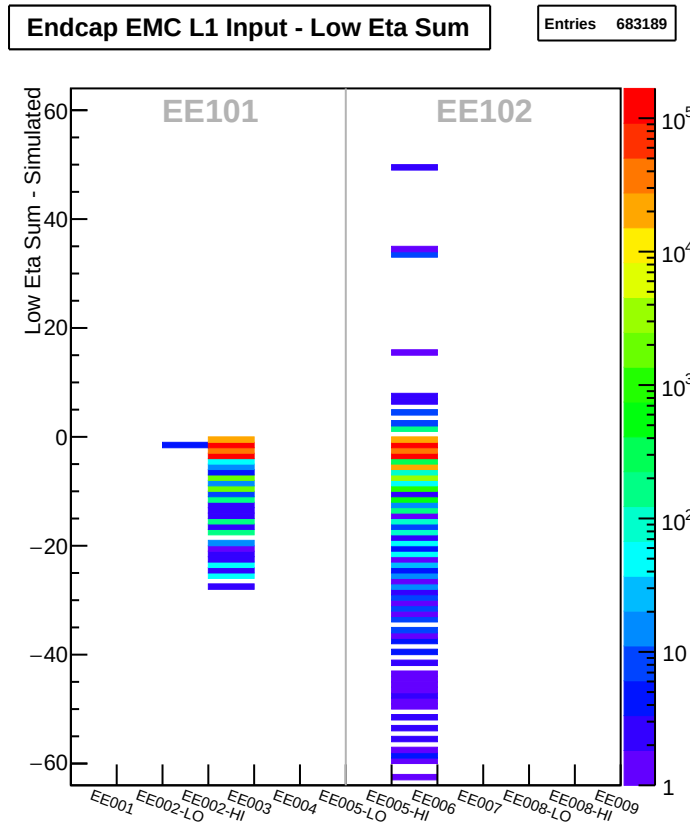

Barrel EMC L1 Input - High Tower Bits
Entries 1.08e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

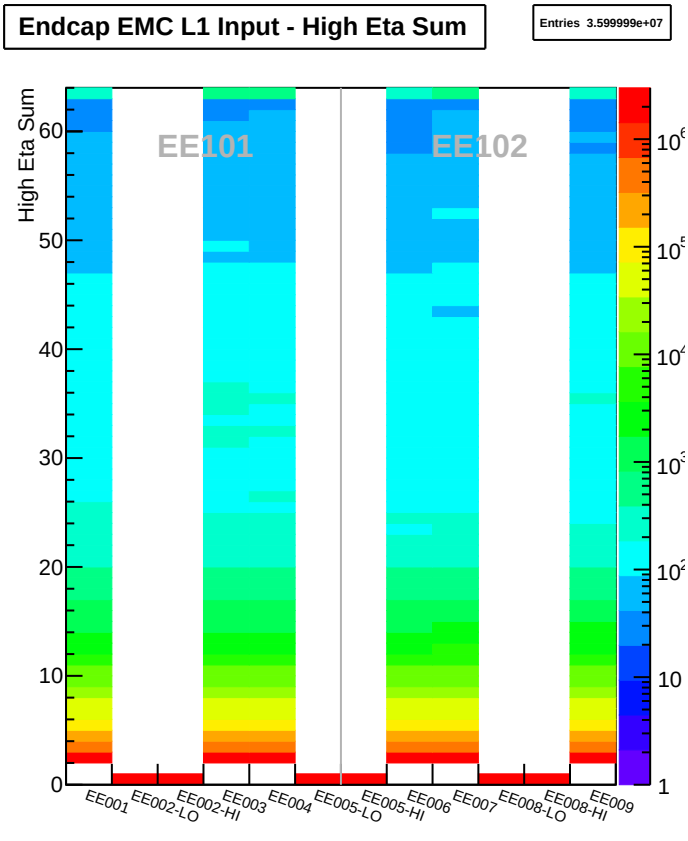

Barrel EMC L1 Input - High Tower Bits
Entries 94883
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

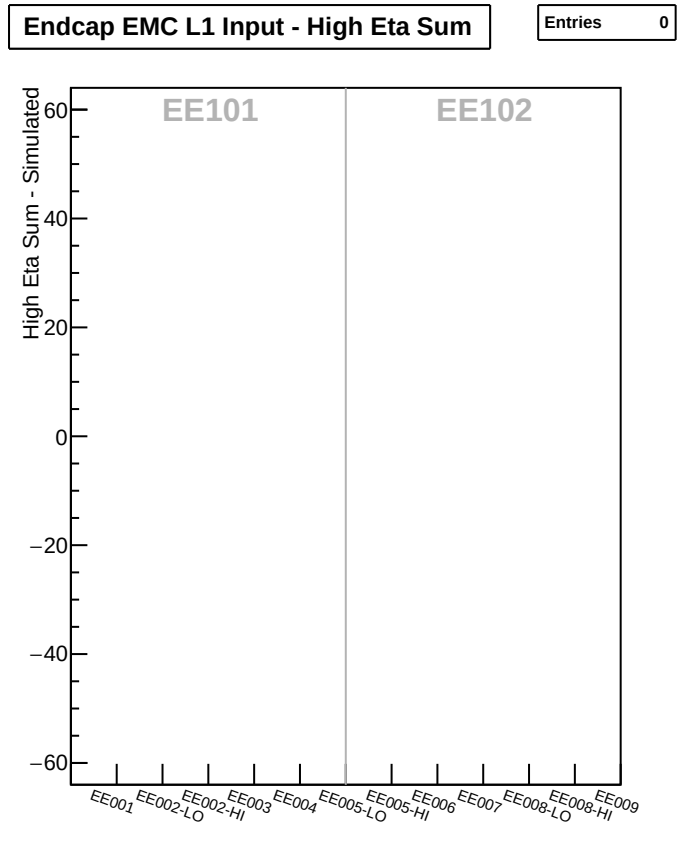

Barrel EMC L1 Input - HT.TP Bit
Entries 1.08e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

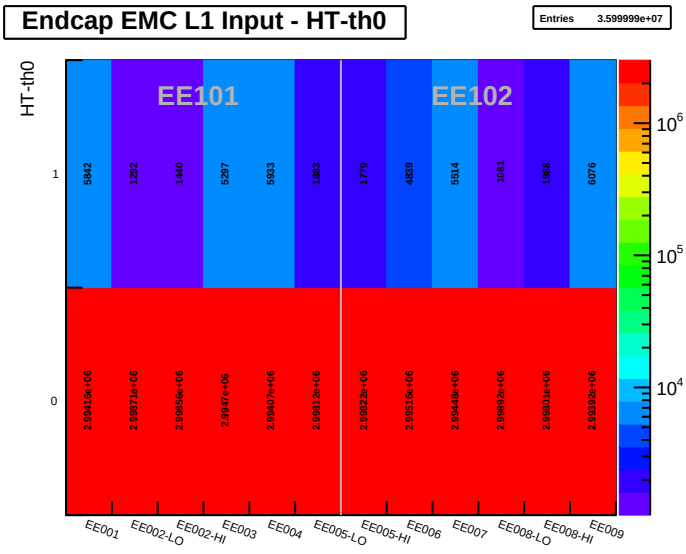

Barrel EMC L1 Input - High Tower Bits
Entries 94175
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

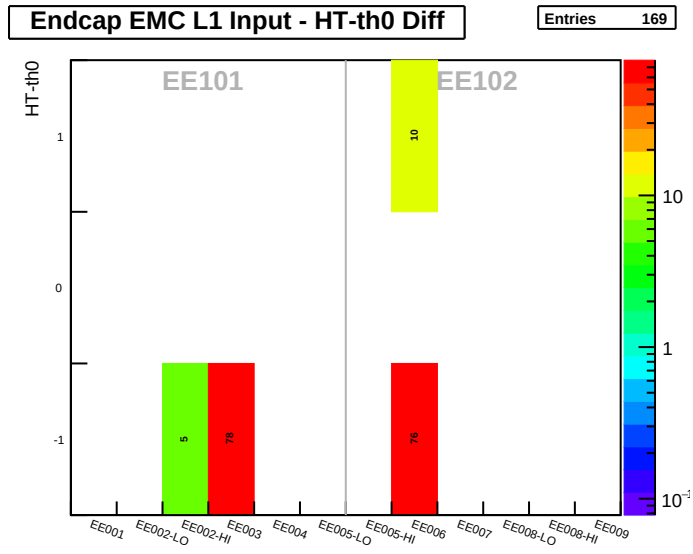

Endcap EMC L1 Input - Low Eta Sum
Entries 3.599999e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

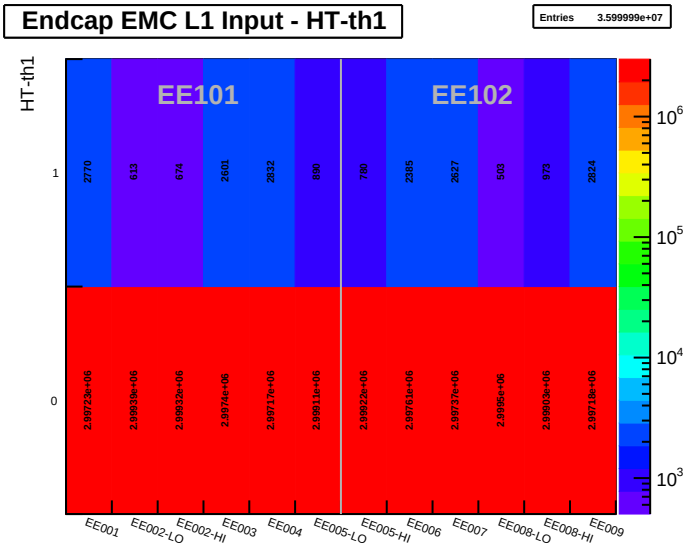

Endcap EMC L1 Input - Low Eta Sum
Entries 683189
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

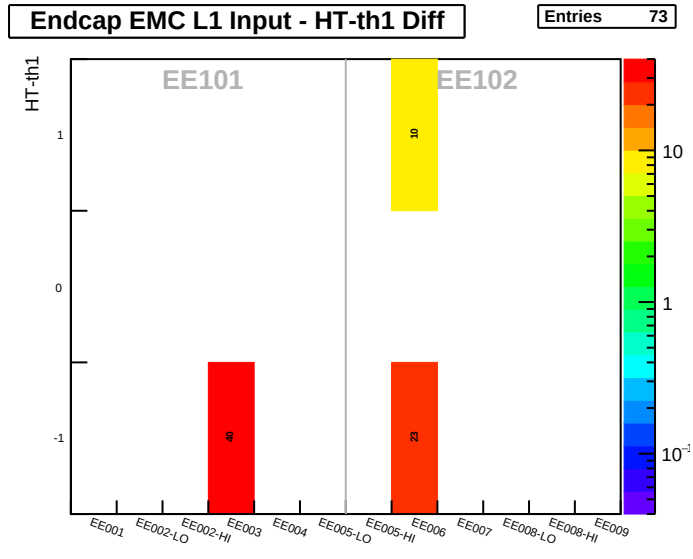

Endcap EMC L1 Input - High Eta Sum
Entries 3.599999e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

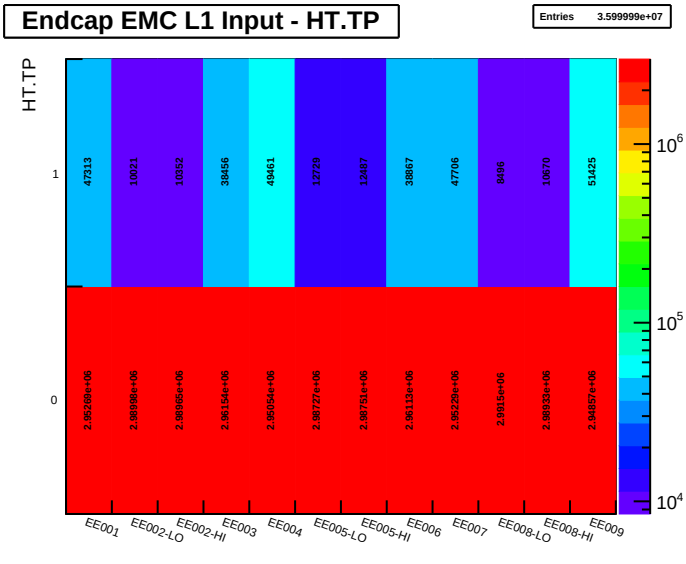

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

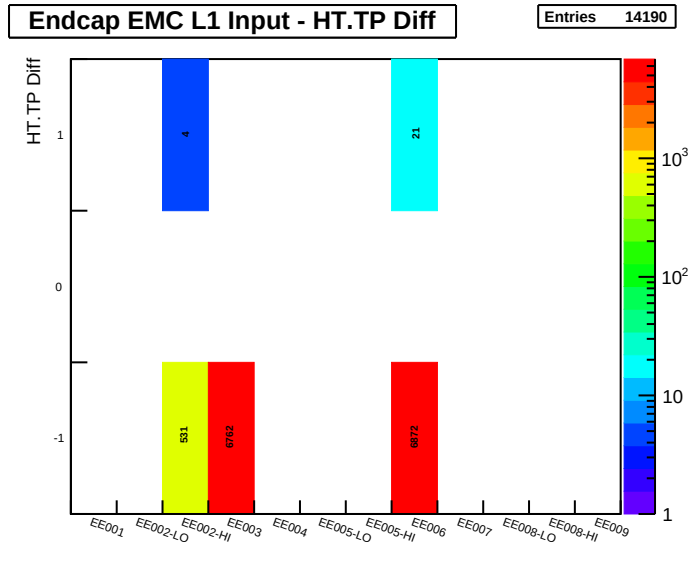

Endcap EMC L1 Input - HT-th0
Entries 3.599999e+07
HT-th0
EE101
EE102
5842 1292 1440 5297 5933 1883 1779 4839 5514 1081 1588 6076
2.99416e+06 2.99871e+06 2.99856e+06 2.9947e+06 2.99407e+06 2.99812e+06 2.99822e+06 2.99516e+06 2.99449e+06 2.99092e+06 2.99801e+06 2.99392e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

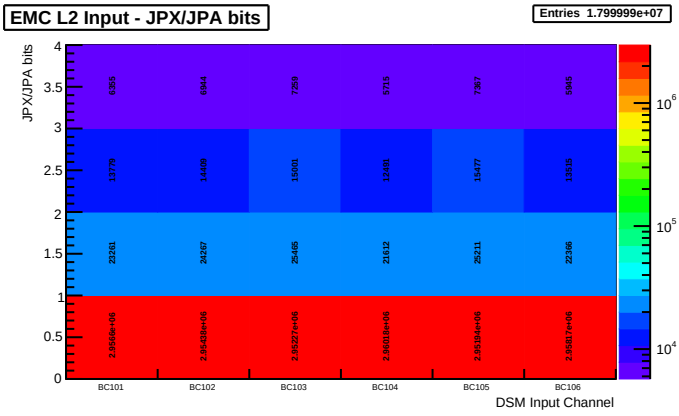

Endcap EMC L1 Input - HT-th0 Diff
Entries 169
HT-th0
EE101
EE102
10
5 78 76
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

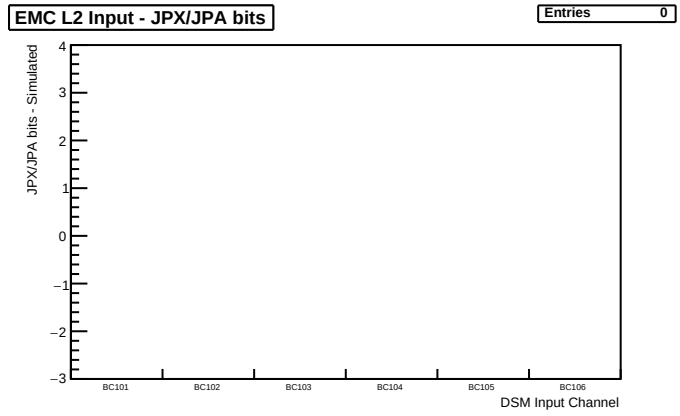

Endcap EMC L1 Input - HT-th1
Entries 3.599999e+07
HT-th1
EE101
EE102
2770 613 674 2601 2832 890 780 2385 2627 503 973 2824
2.99723e+06 2.99939e+06 2.99932e+06 2.99974e+06 2.99717e+06 2.99911e+06 2.99922e+06 2.99761e+06 2.99737e+06 2.9995e+06 2.99903e+06 2.99718e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

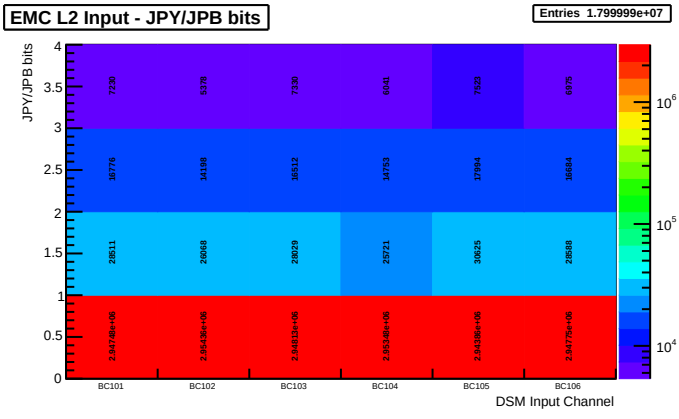

Endcap EMC L1 Input - HT-th1 Diff
Entries 73
HT-th1
EE101
EE102
10
40 23
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

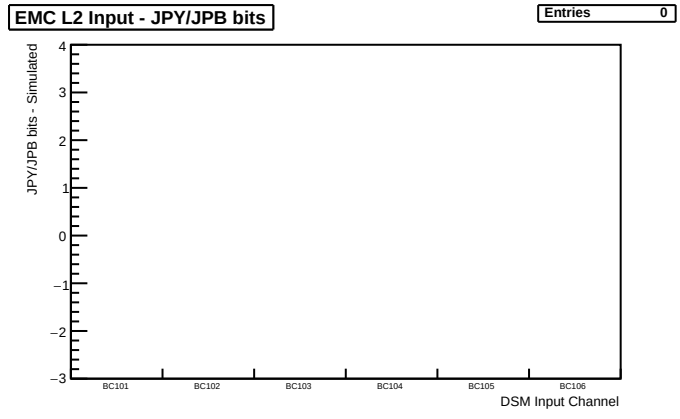

Endcap EMC L1 Input - HT.TP
Entries 3.599999e+07
HT.TP
47313 10021 10352 38456 49461 12729 12487 38867 47706 9496 10670 51425
2.95269e+06 2.99998e+05 2.98965e+06 2.96154e+06 2.95054e+06 2.99727e+05 2.99751e+05 2.96113e+06 2.95229e+05 2.9915e+06 2.96933e+06 2.94857e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

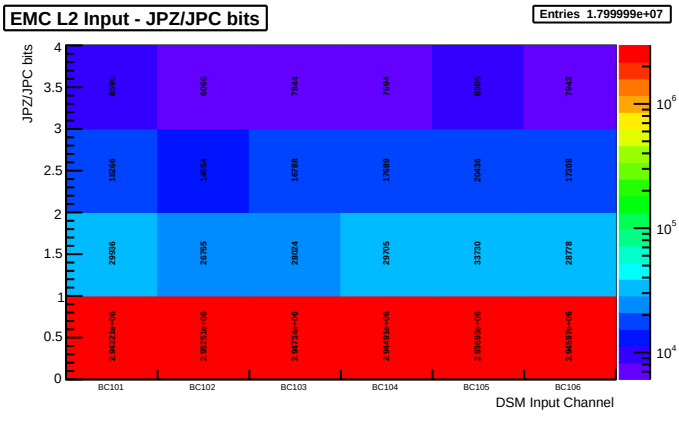

Endcap EMC L1 Input - HT.TP Diff
Entries 14190
HT.TP Diff
4 21
531 6762 6872
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

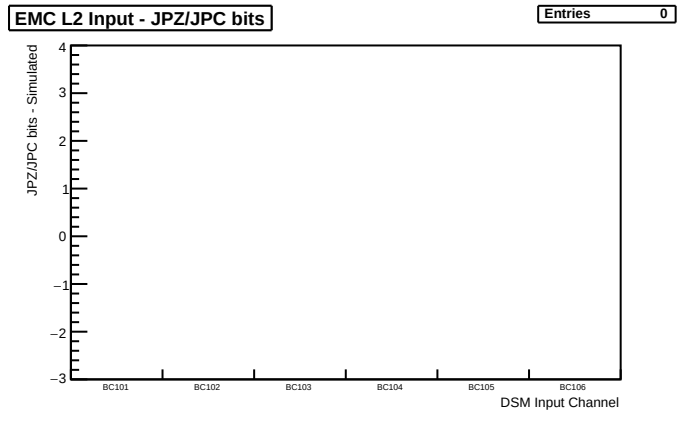

EMC L2 Input - JPX/JPA bits
Entries 1.799999e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

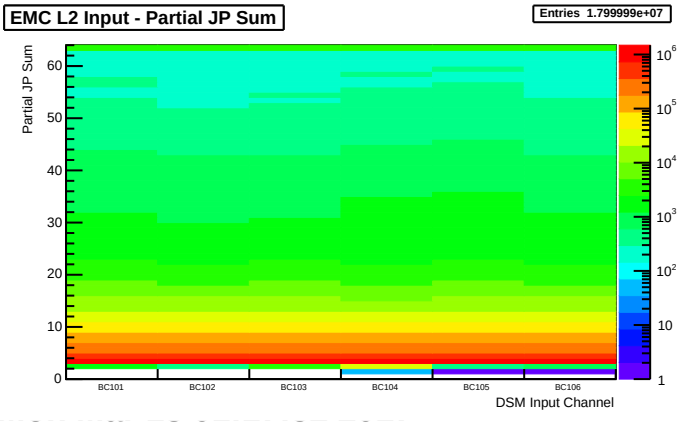

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

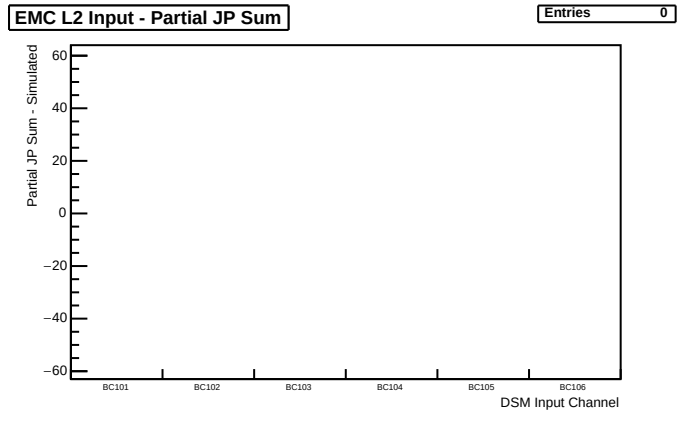

EMC L2 Input - JPY/JPB bits
Entries 1.799999e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

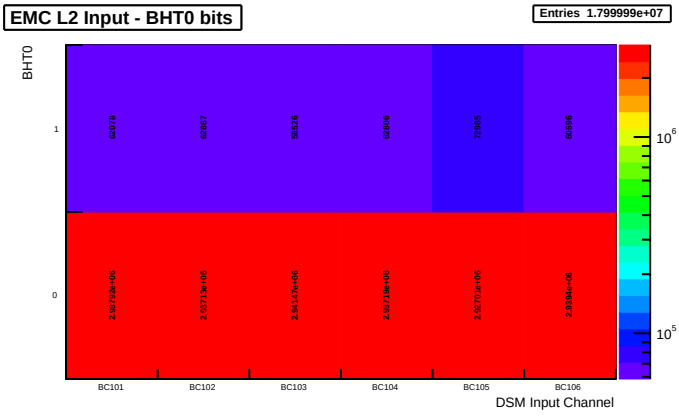

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

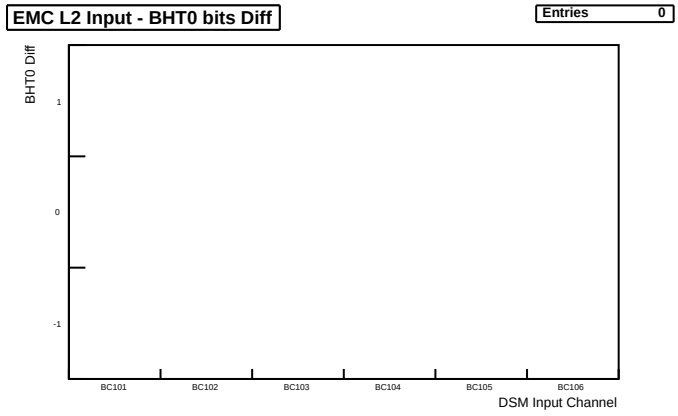

EMC L2 Input - JPZ/JPC bits
Entries 1.799999e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

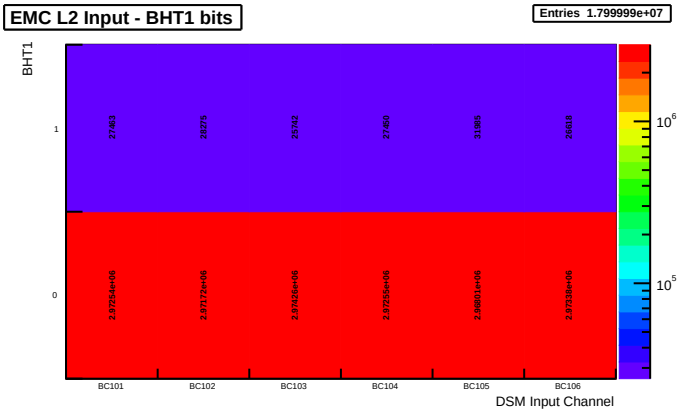

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

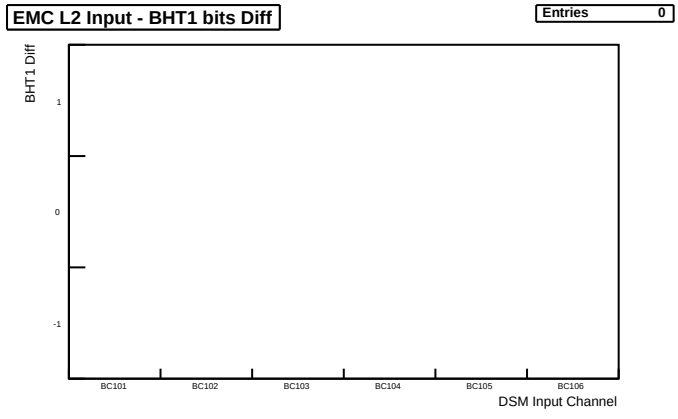

EMC L2 Input - Partial JP Sum
Entries 1.799999e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

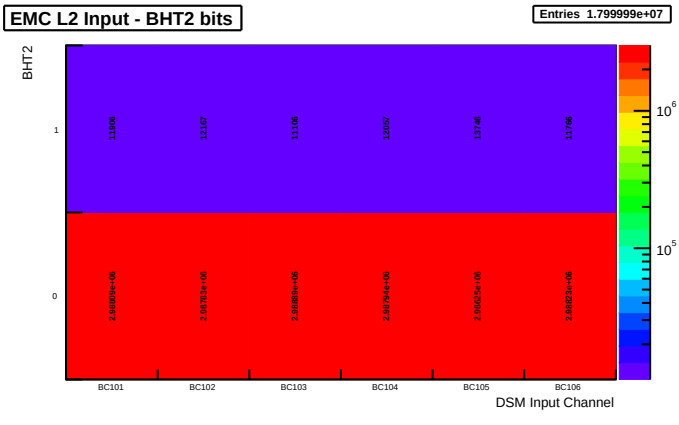

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

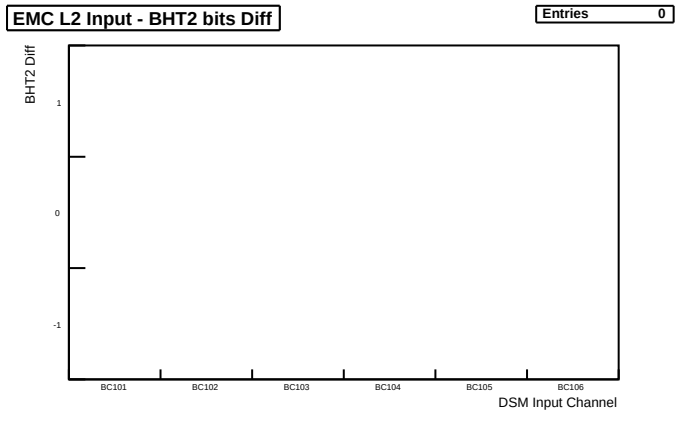

EMC L2 Input - BHT0 bits
Entries 1.799999e+07
BHT0
1
0
62078
62367
58526
62806
72365
69586
2.93792e+06
2.93713e+06
2.94147e+06
2.93713e+06
2.92701e+06
2.9396e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

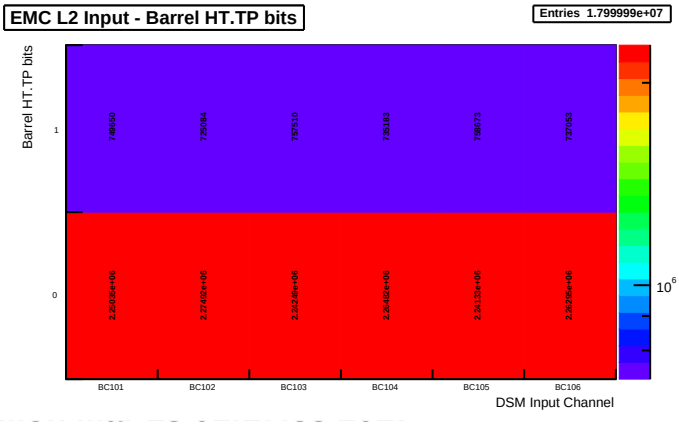

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

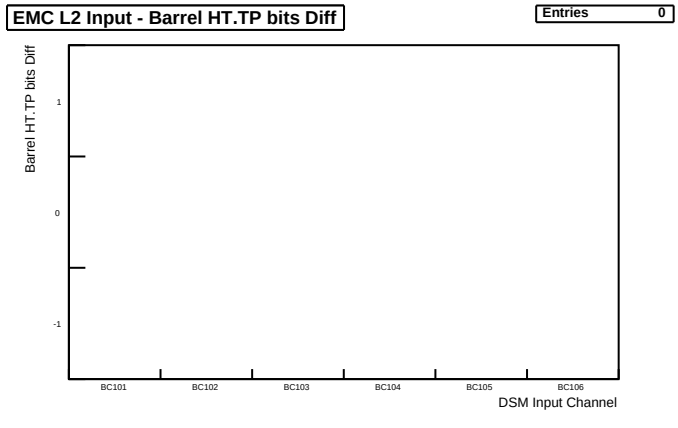

EMC L2 Input - BHT1 bits
Entries 1.799999e+07
BHT1
1
0
27463
23275
23742
27450
31985
25618
2.97254e+06
2.97172e+06
2.97426e+06
2.97255e+06
2.96801e+06
2.97238e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

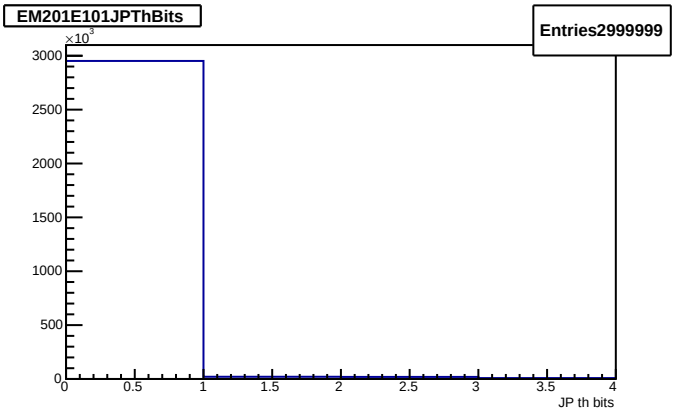

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

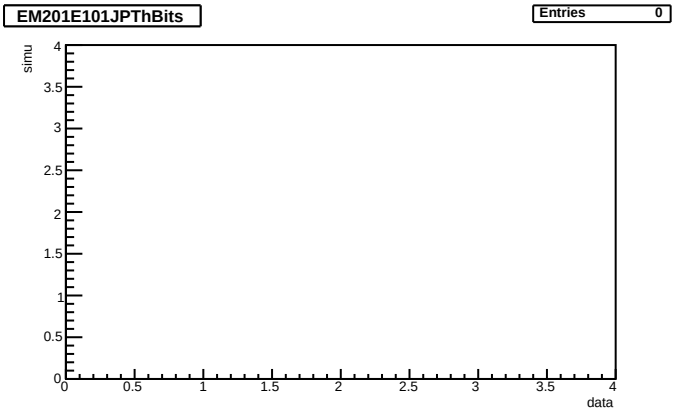

EMC L2 Input - BHT2 bits
Entries 1.799999e+07
BHT2
1
0
11506
12167
11106
12057
13746
11766
2.98809e+06
2.98753e+06
2.98889e+06
2.98754e+06
2.98625e+06
2.98823e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

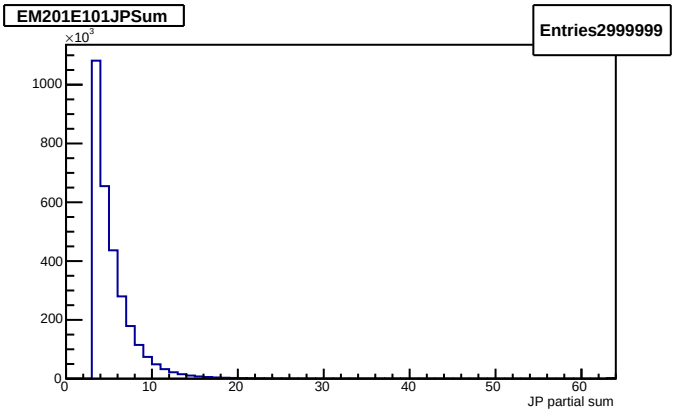

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

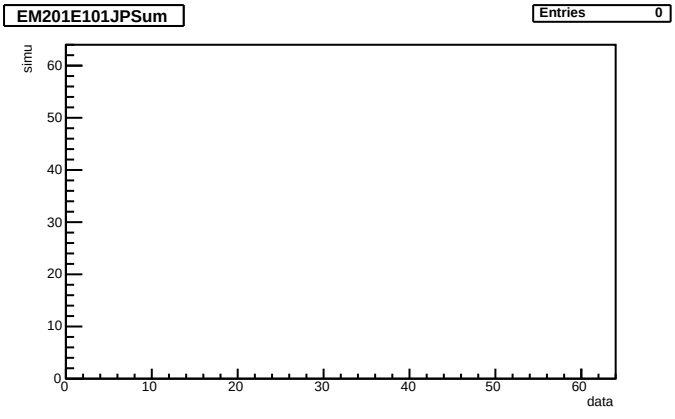

EMC L2 Input - Barrel HT.TP bits
Entries 1.799999e+07
Barrel HT.TP bits
1
0
749650
725984
757510
735183
739873
737053
2.25035e+06
2.27492e+06
2.24249e+06
2.26482e+06
2.24133e+06
2.26295e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

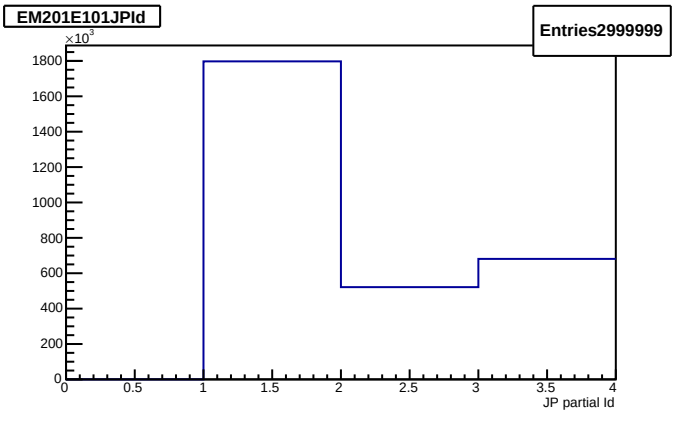

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

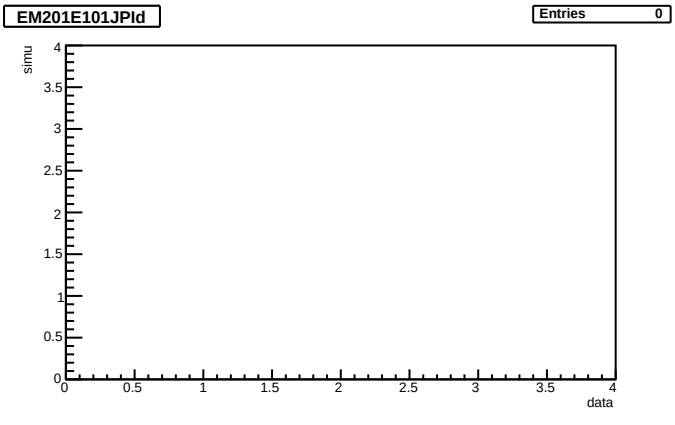

EM201E101JPThBits
Entries2999999
×10^3
JP th bits

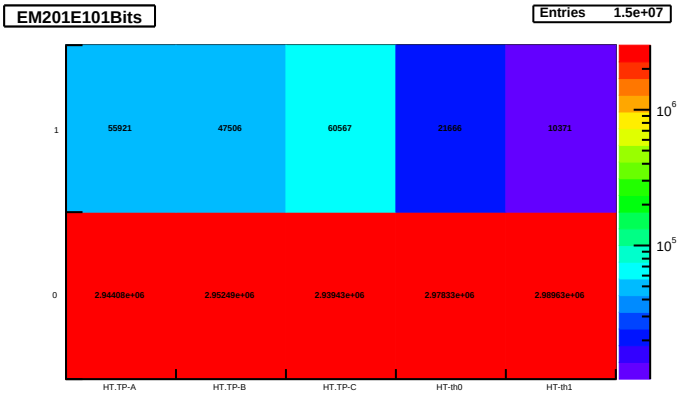

EM201E101JPThBits
Entries 0
simu
data

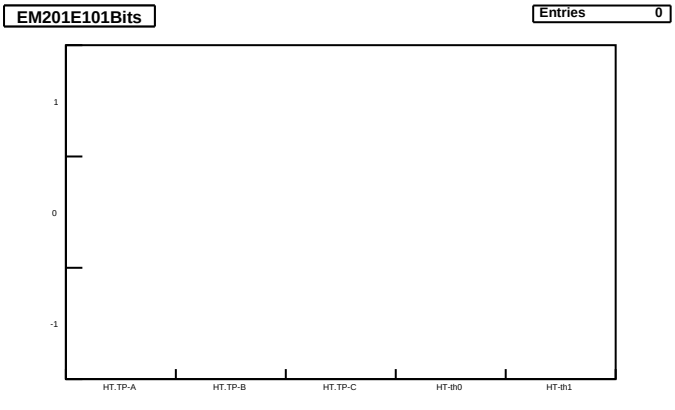

EM201E101JPSum
Entries2999999
×10^3
JP partial sum

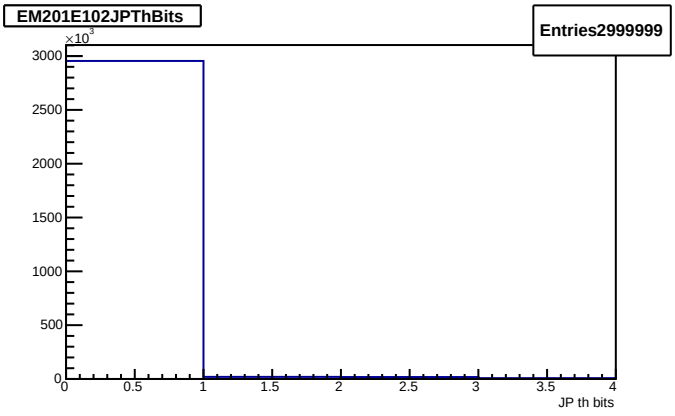

EM201E101JPSum
Entries 0
simu
data

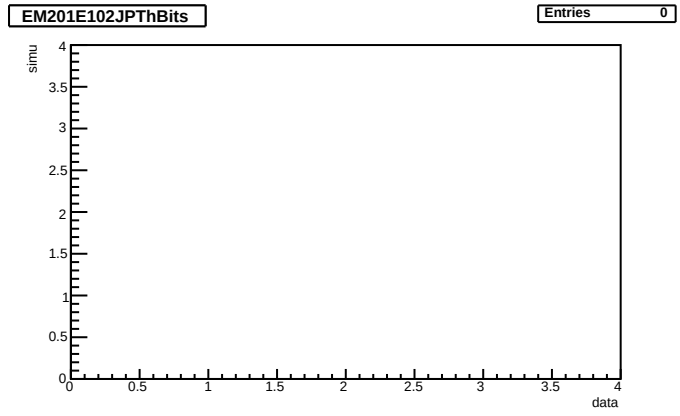

EM201E101JPId
Entries2999999
×10^3
JP partial Id

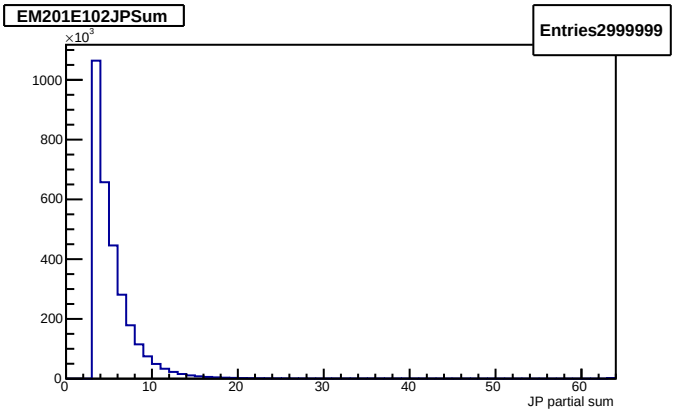

EM201E101JPId
Entries 0
simu
data

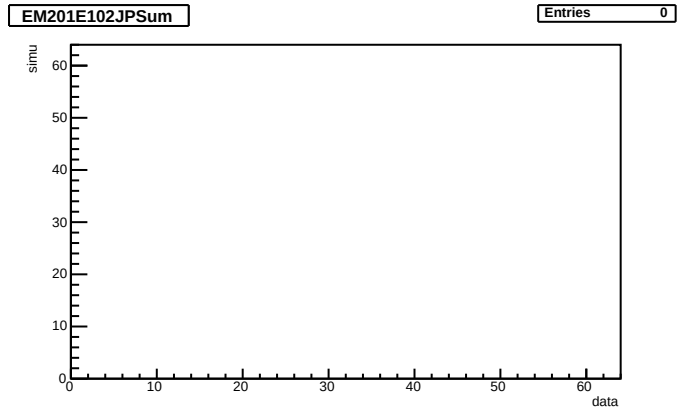

EM201E101Bits
Entries 1.5e+07
55921
47506
60567
21666
10371
2.94408e+06
2.95249e+06
2.93943e+06
2.97833e+06
2.98963e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

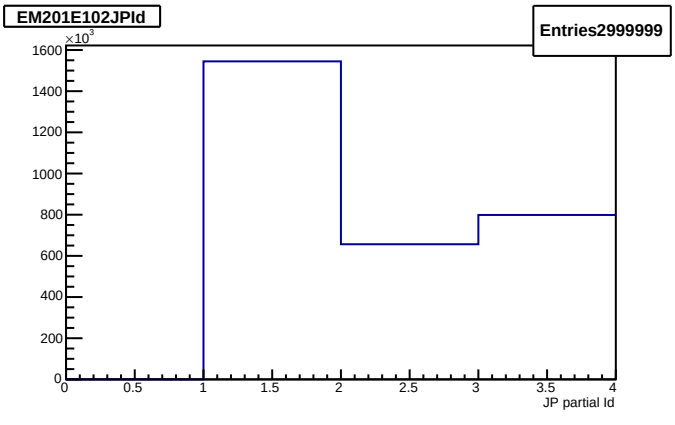

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

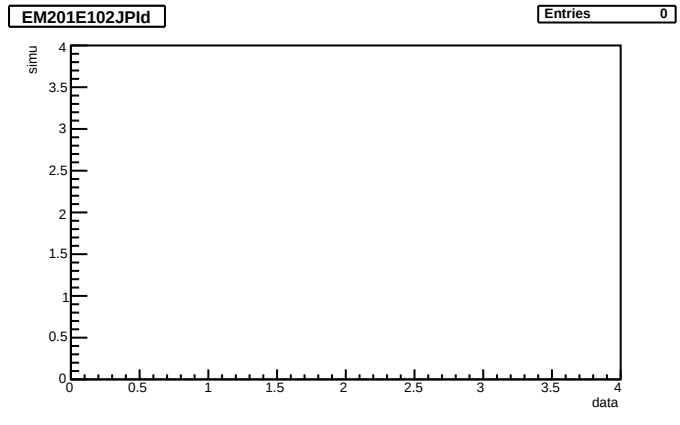

EM201E102JPThBits
Entries2999999
×10^3
JP th bits

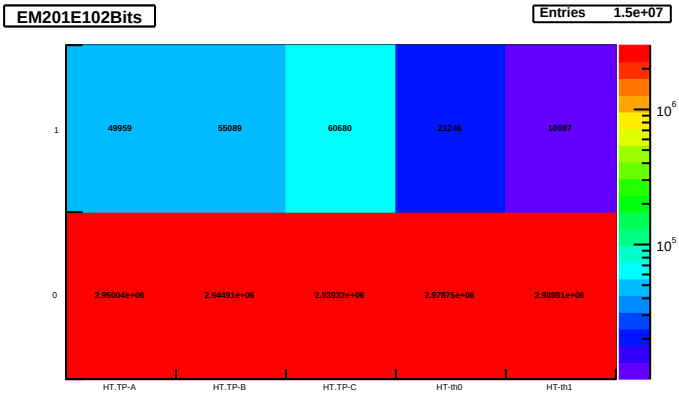

EM201E102JPThBits
Entries 0
simu
data

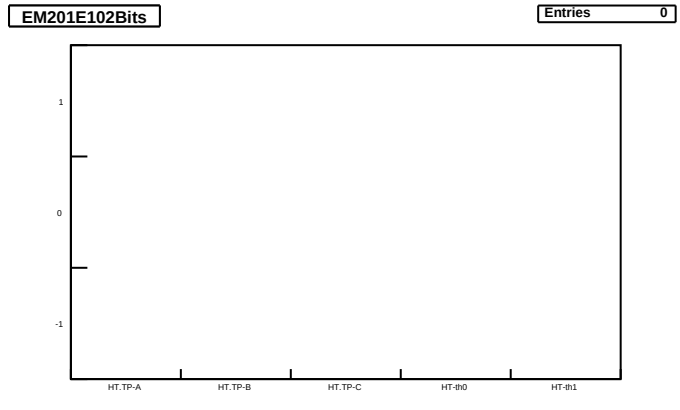

EM201E102JPSum
Entries2999999
×10^3
JP partial sum

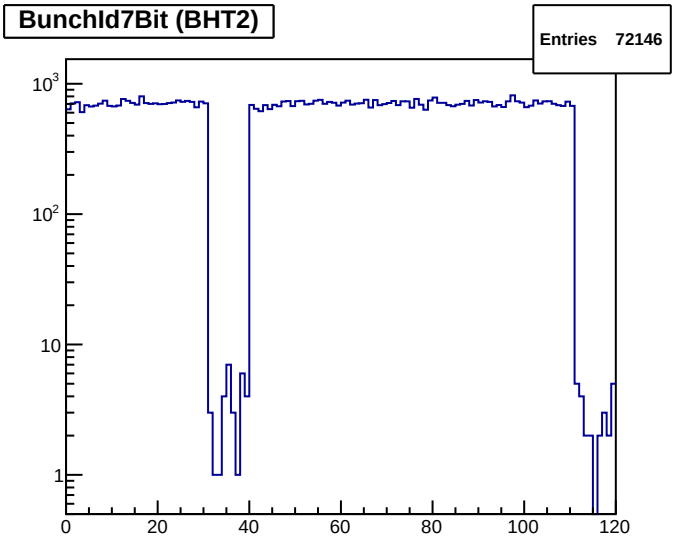

EM201E102JPSum
Entries 0
simu
data

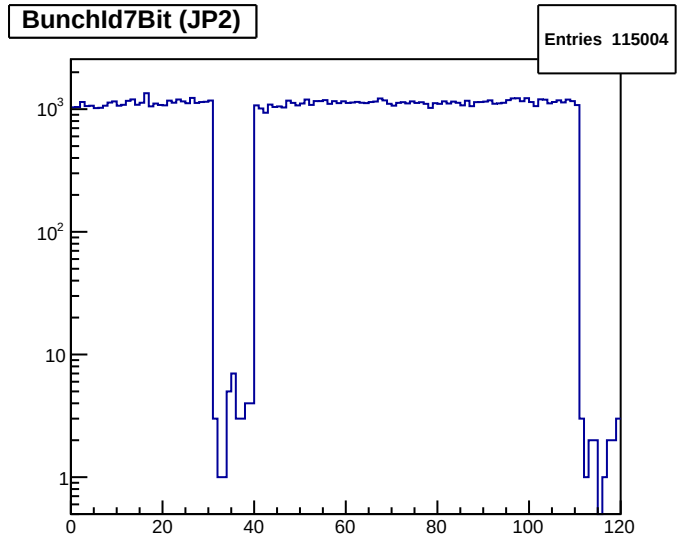

EM201E102JPId
Entries2999999
×10^3
JP partial Id

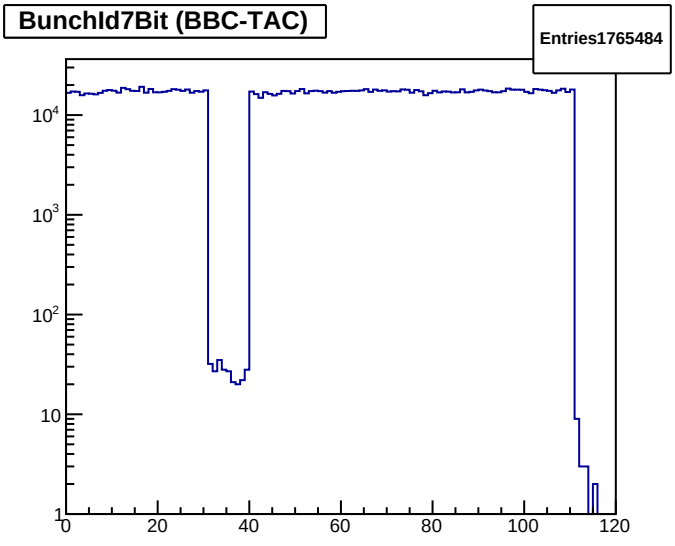

EM201E102JPId
Entries 0
simu
data

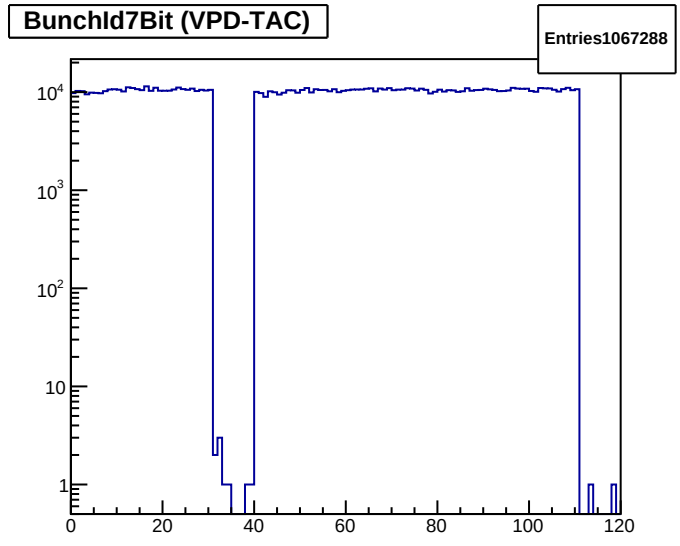

EM201E102Bits
Entries 1.5e+07
49959
55089
60680
21246
10087
2.95004e+06
2.94491e+06
2.93932e+06
2.97875e+06
2.98991e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

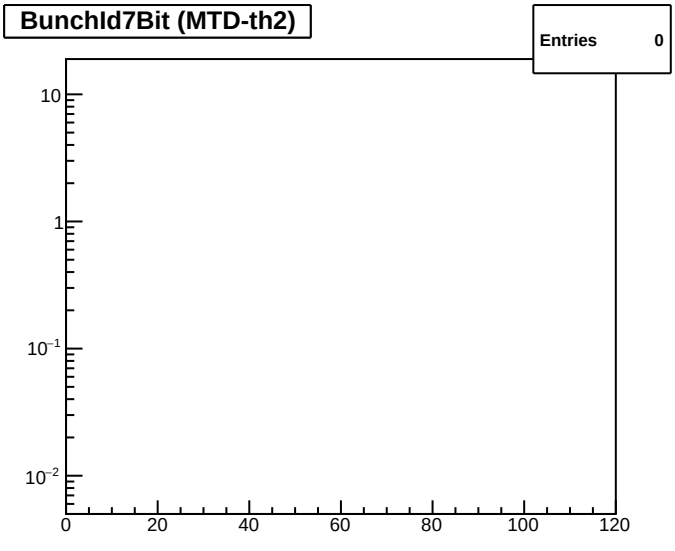

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

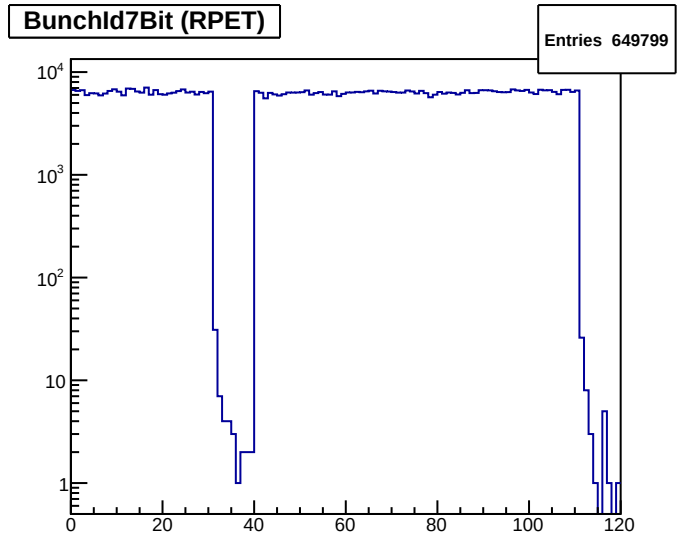

BunchId7Bit (BHT2)
Entries 72146

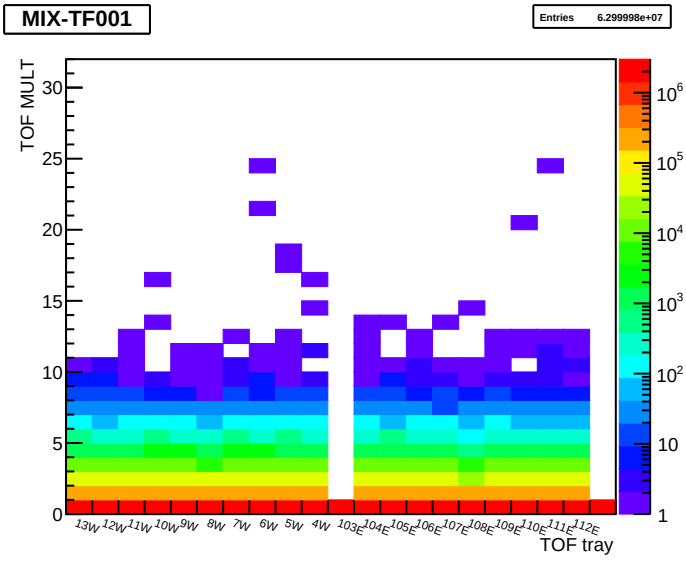

BunchId7Bit (JP2)
Entries 115004

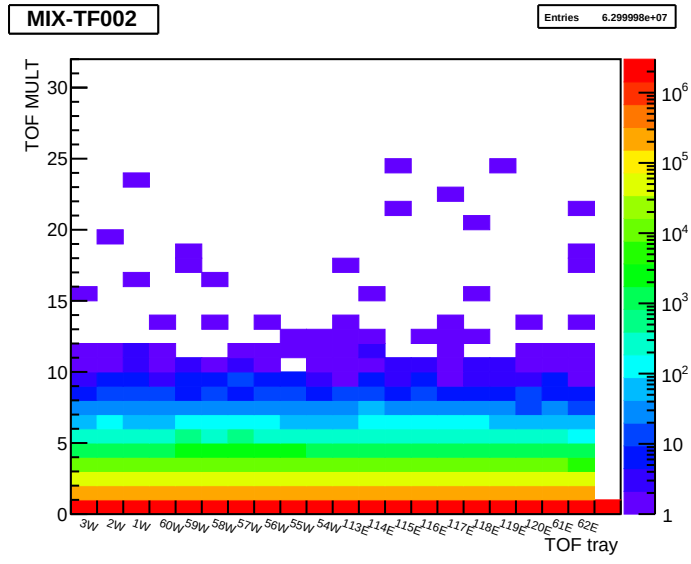

BunchId7Bit (BBC-TAC)
Entries1765484

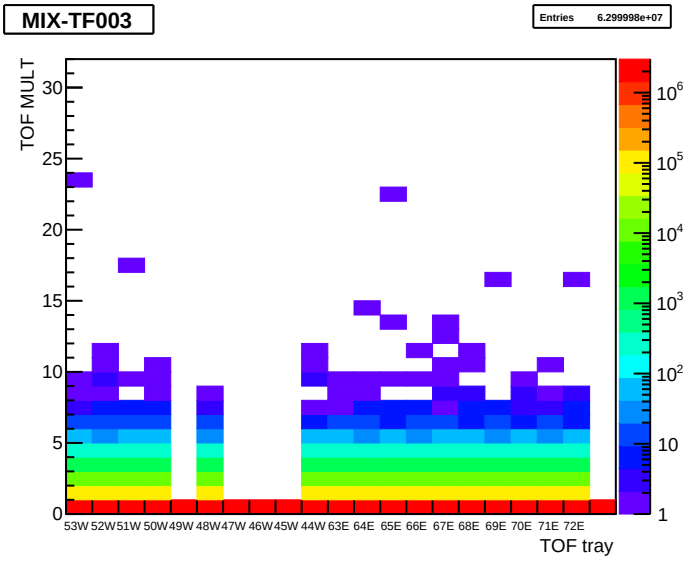

BunchId7Bit (VPD-TAC)
Entries1067288

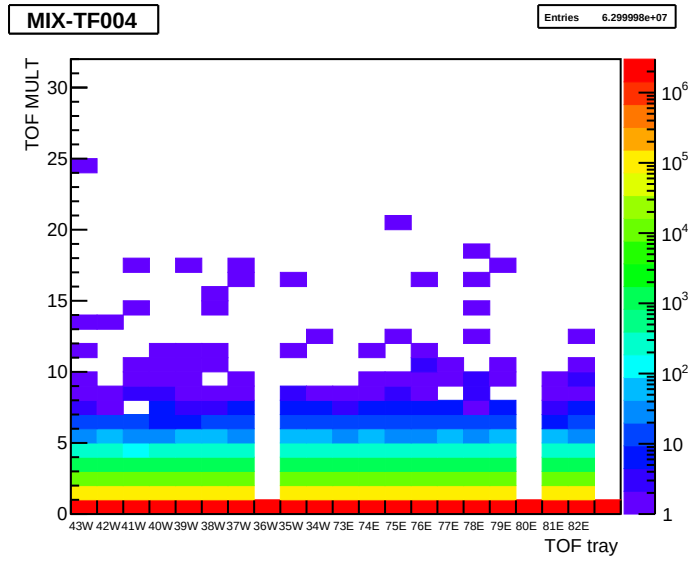

BunchId7Bit (MTD-th2)
Entries 0

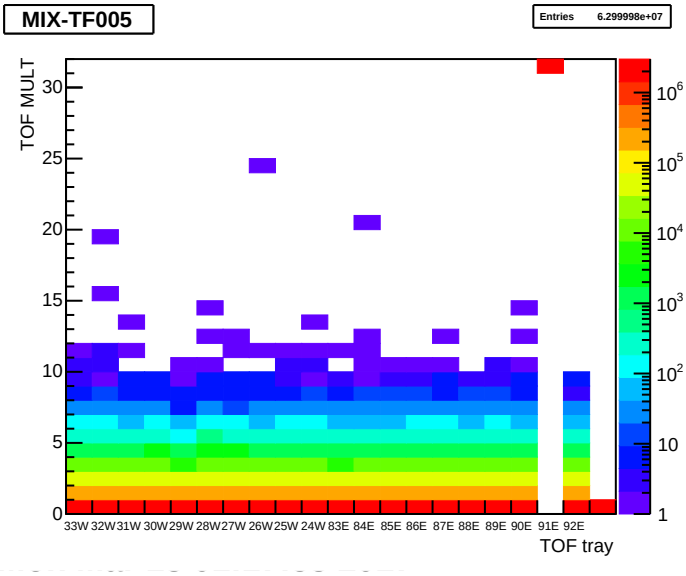

BunchId7Bit (RPET)
Entries 649799

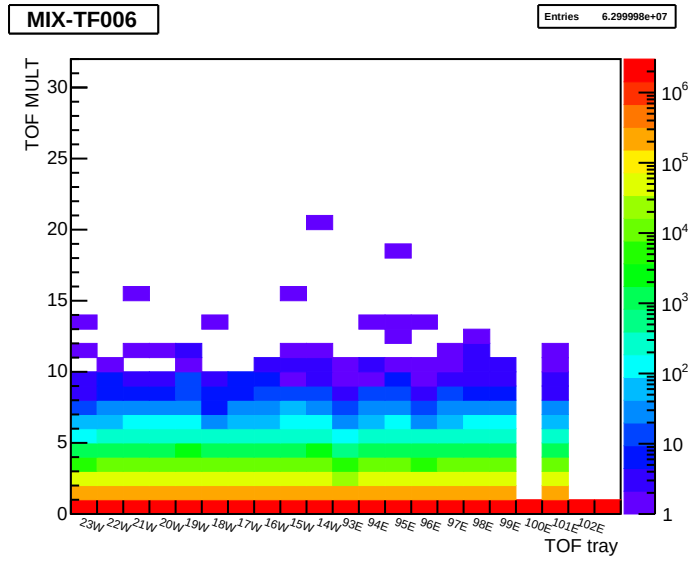

MIX-TF001
Entries 6.299998e+07
TOF MULT
TOF tray

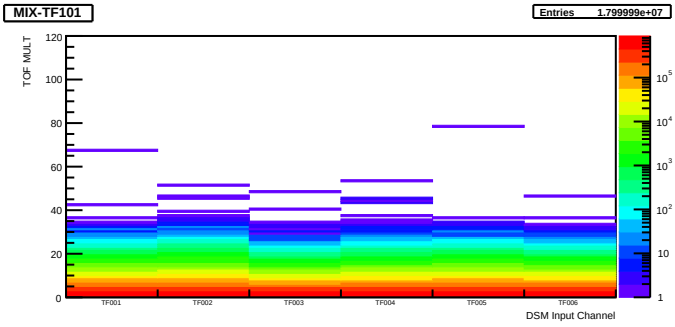

MIX-TF002
Entries 6.299998e+07
TOF MULT
TOF tray

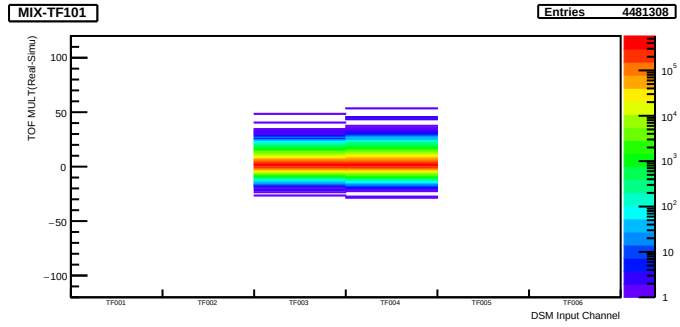

MIX-TF003
Entries 6.299998e+07
TOF MULT
TOF tray

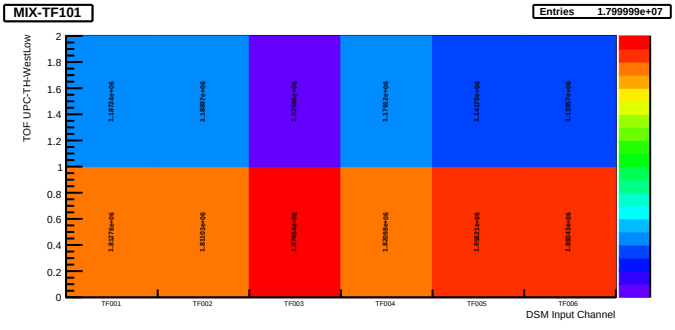

MIX-TF004
Entries 6.299998e+07
TOF MULT
TOF tray

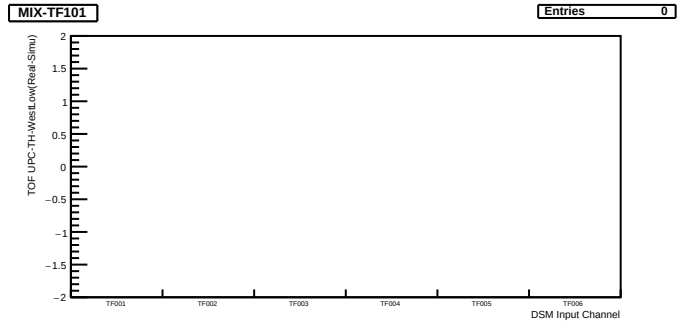

MIX-TF005
Entries 6.299998e+07
TOF MULT
TOF tray

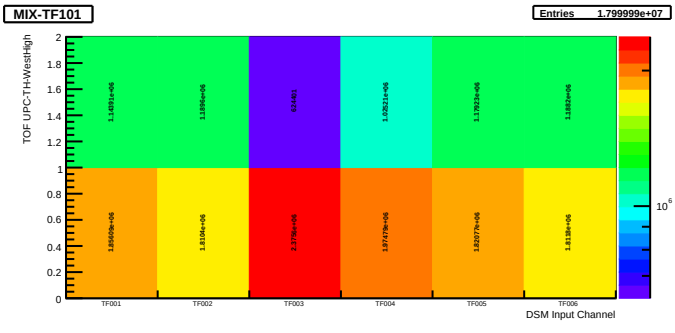

MIX-TF006
Entries 6.299998e+07
TOF MULT
TOF tray

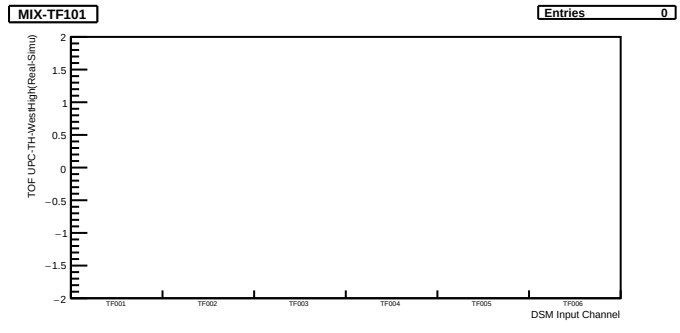

MIX-TF101
Entries 1.799999e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

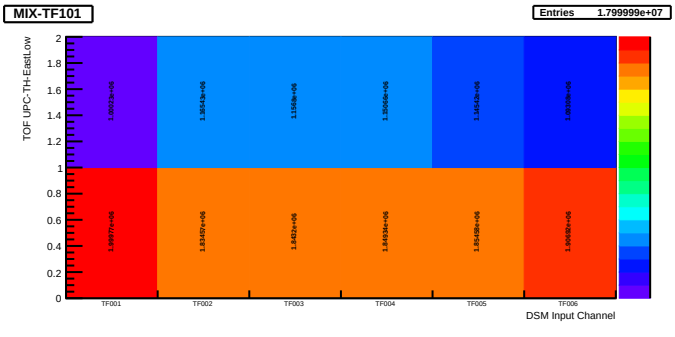

MIX-TF101
Entries 4481308
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

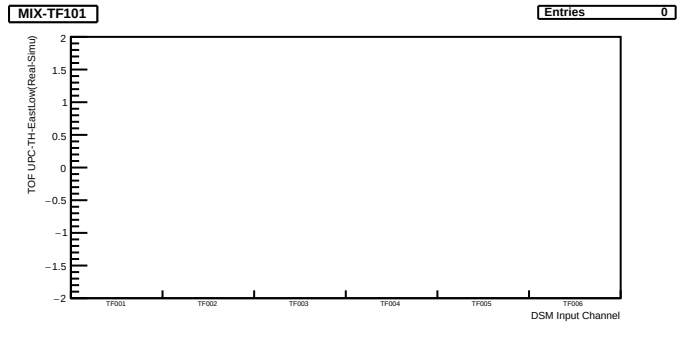

MIX-TF101
Entries 1.799999e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

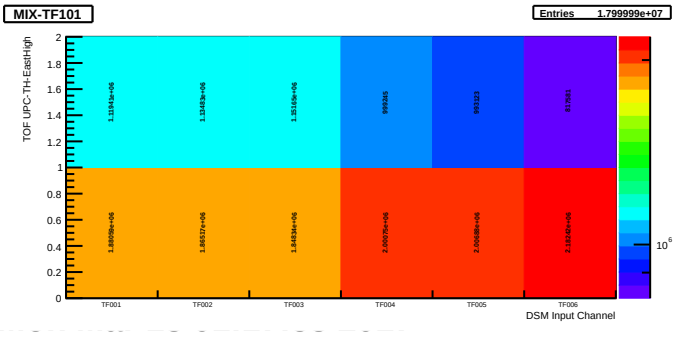

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

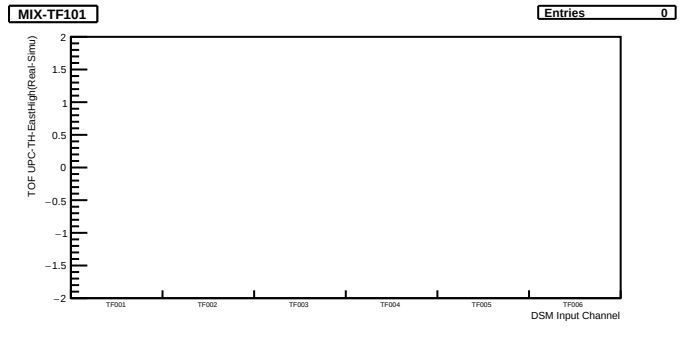

MIX-TF101
Entries 1.799999e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

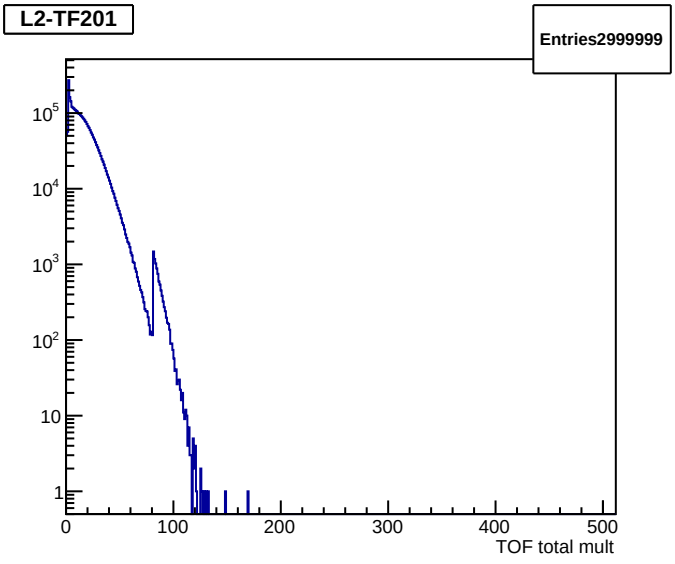

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

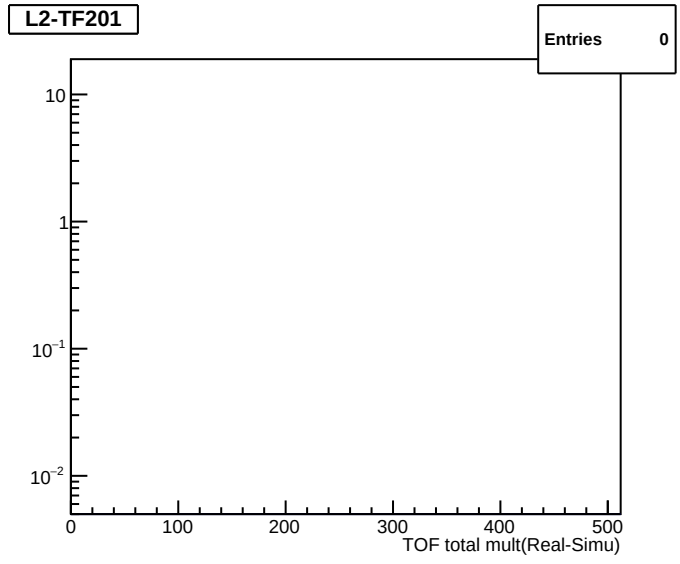

MIX-TF101
Entries 1.799999e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

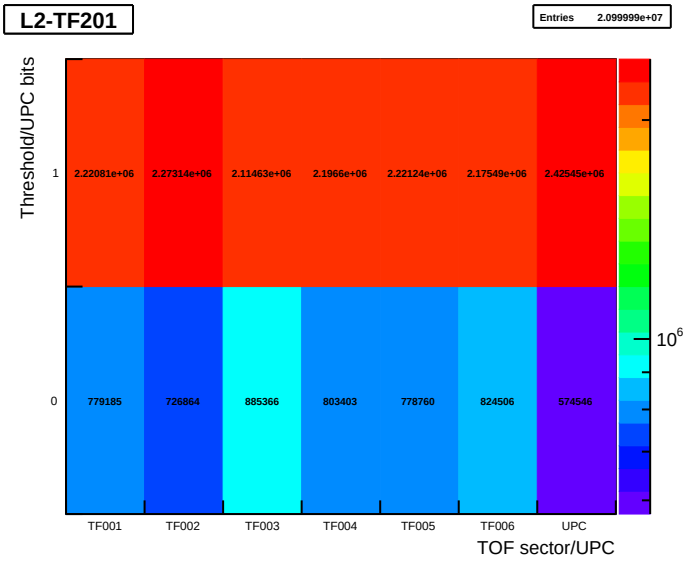

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

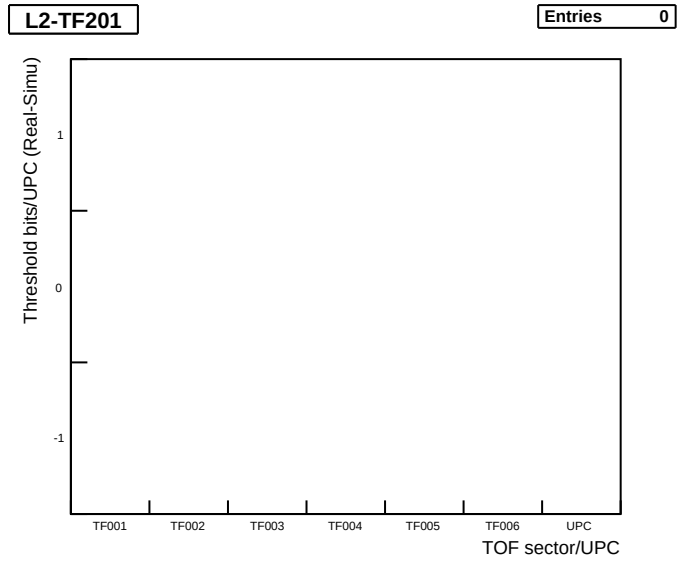

MIX-TF101
Entries 1.799999e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

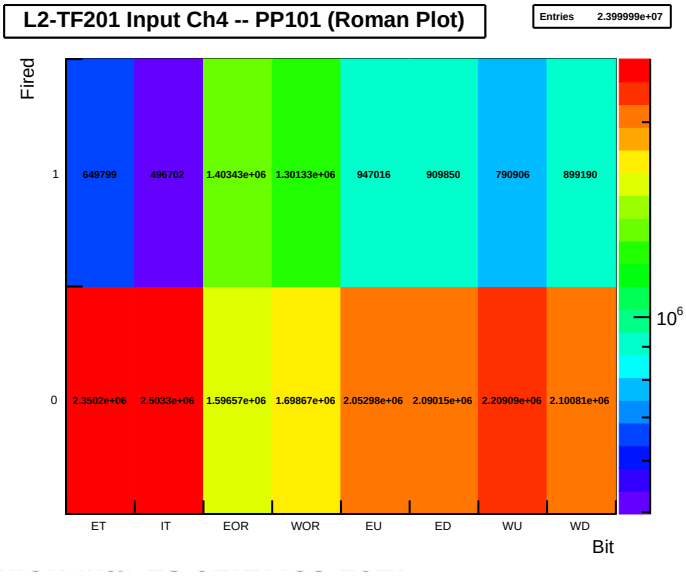

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

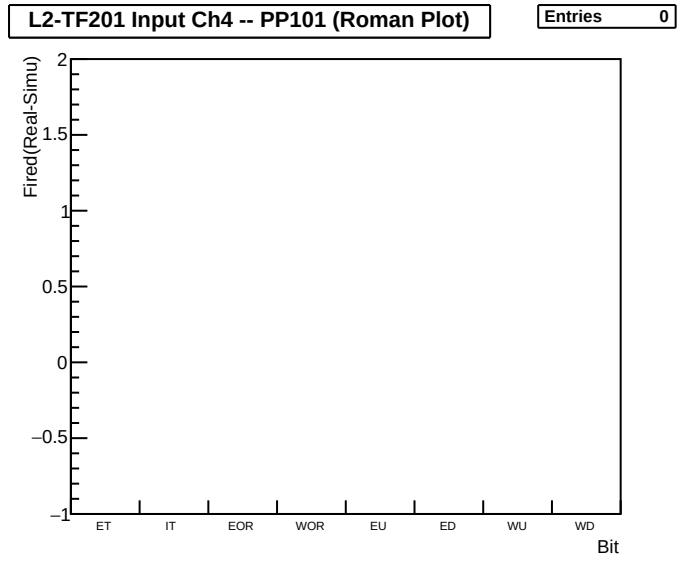

L2-TF201
Entries2999999
TOF total mult

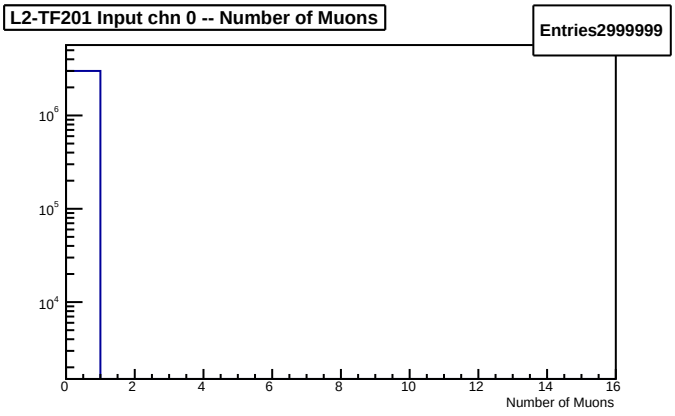

L2-TF201
Entries 0
TOF total mult(Real-Simu)

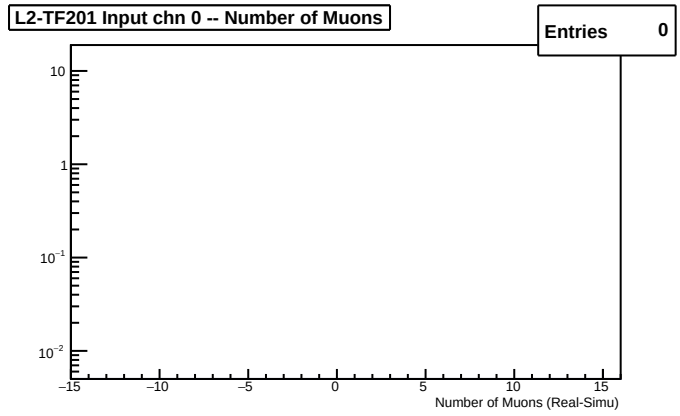

L2-TF201
Entries 2.099999e+07
Threshold/UPC bits
2.22081e+06
2.27314e+06
2.11463e+06
2.1966e+06
2.22124e+06
2.17549e+06
2.42545e+06
779185
726864
885366
803403
778760
824506
574546
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

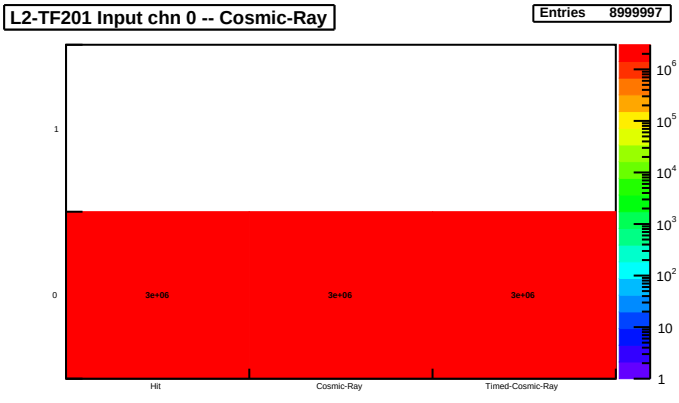

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

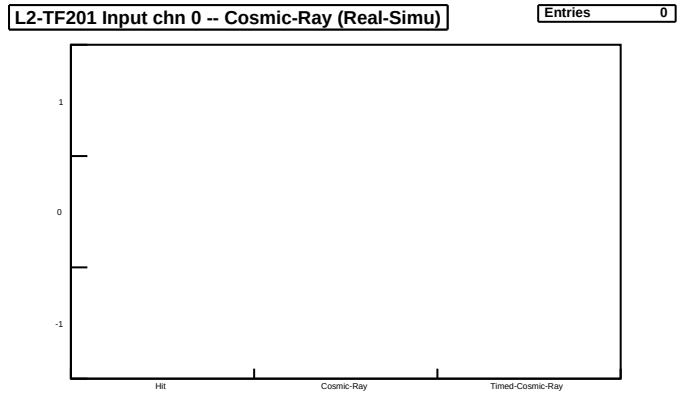

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.399999e+07
Fired
649799
496702
1.40343e+06
1.30133e+06
947016
909850
790906
899190
2.3502e+06
2.5033e+06
1.59657e+06
1.69867e+06
2.05298e+06
2.09015e+06
2.20909e+06
2.10081e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

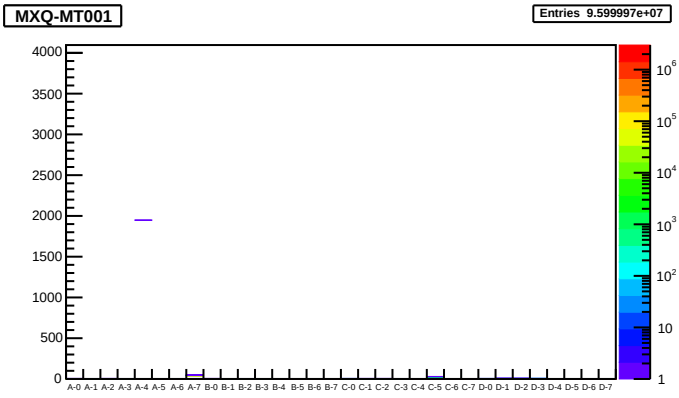

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

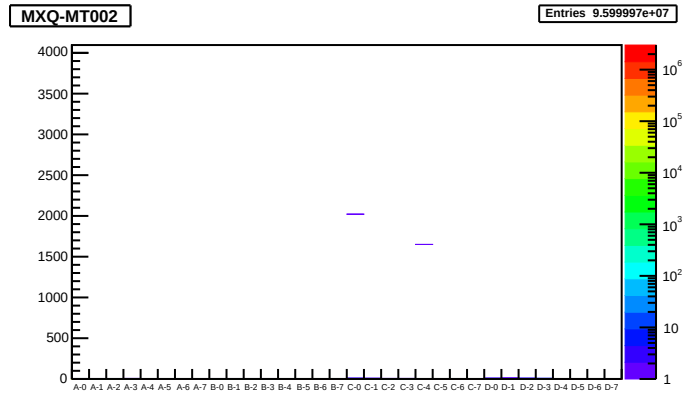

L2-TF201 Input chn 0 -- Number of Muons
Entries2999999
Number of Muons

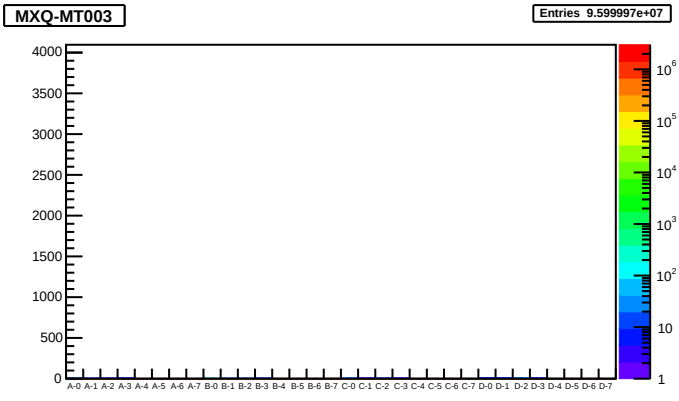

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

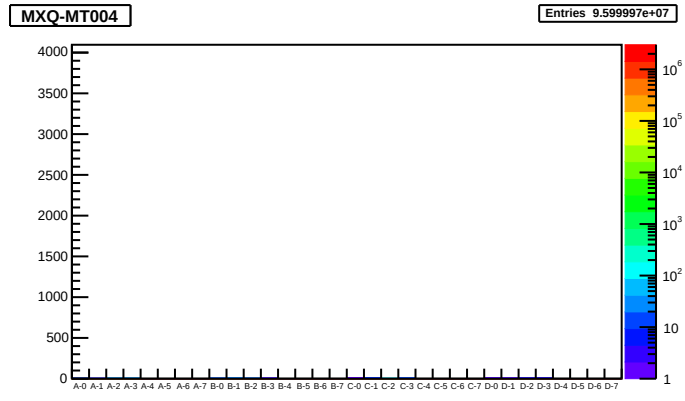

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 8999997
3e+06
3e+06
3e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

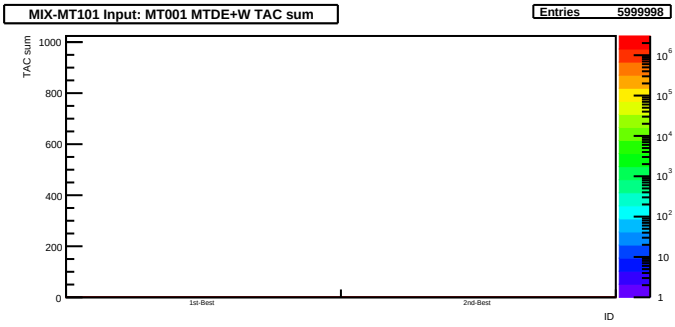

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

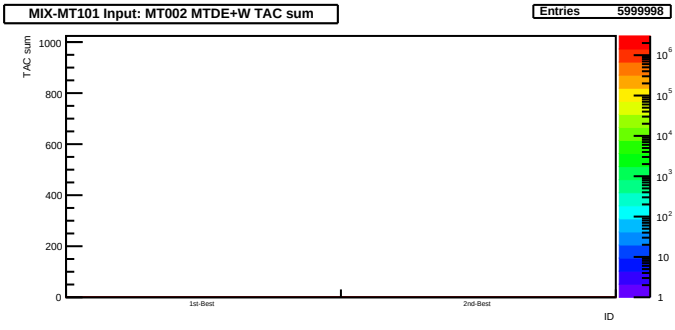

MXQ-MT001
Entries 9.599997e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

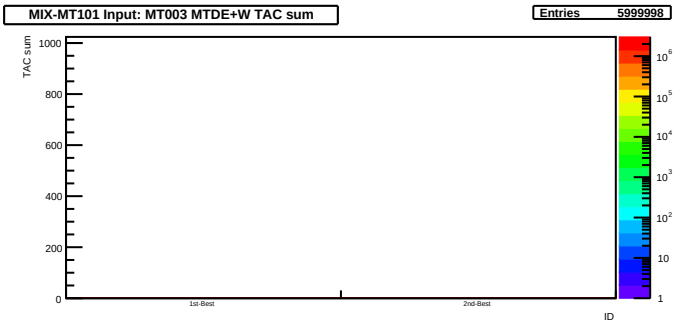

MXQ-MT002
Entries 9.599997e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

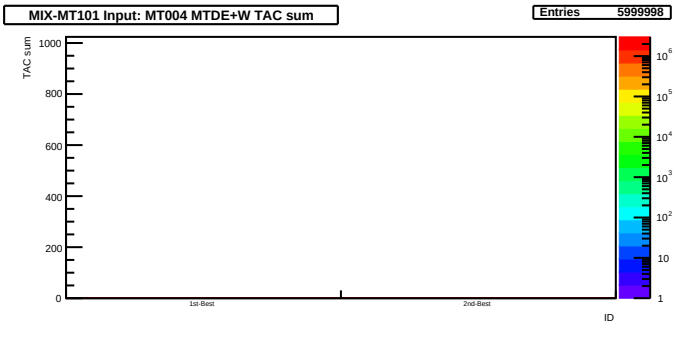

MXQ-MT003
Entries 9.599997e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

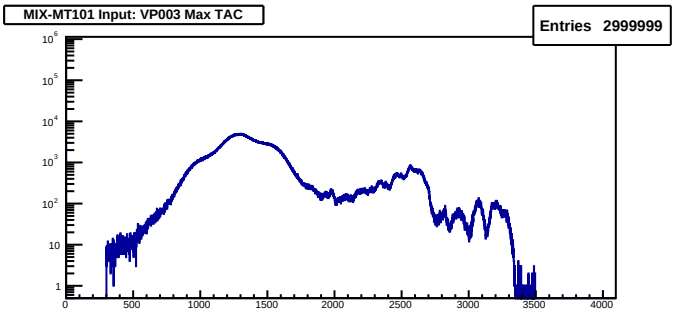

MXQ-MT004
Entries 9.599997e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

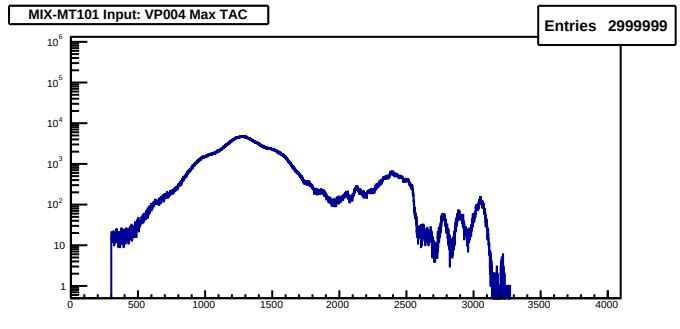

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5999998
TAC sum
1st-Best
2nd-Best
ID

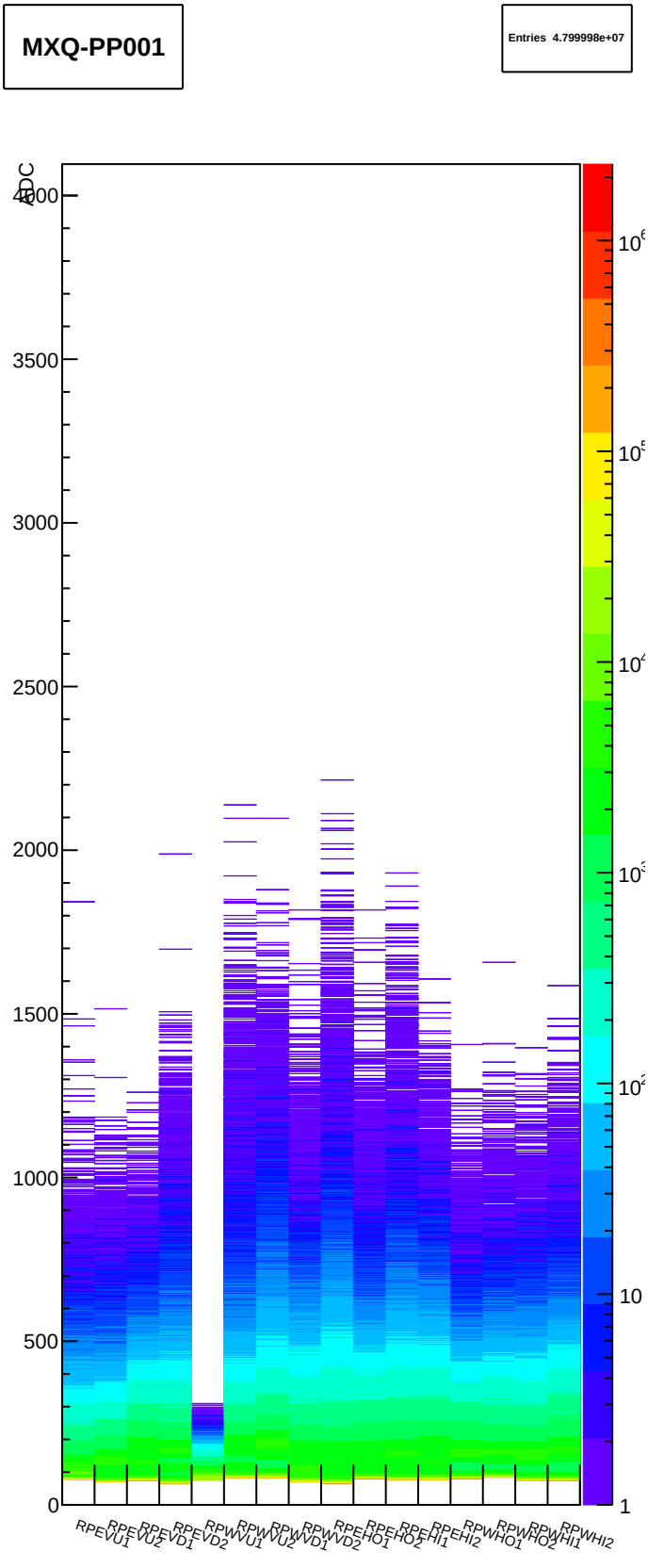

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5999998
TAC sum
1st-Best
2nd-Best
ID

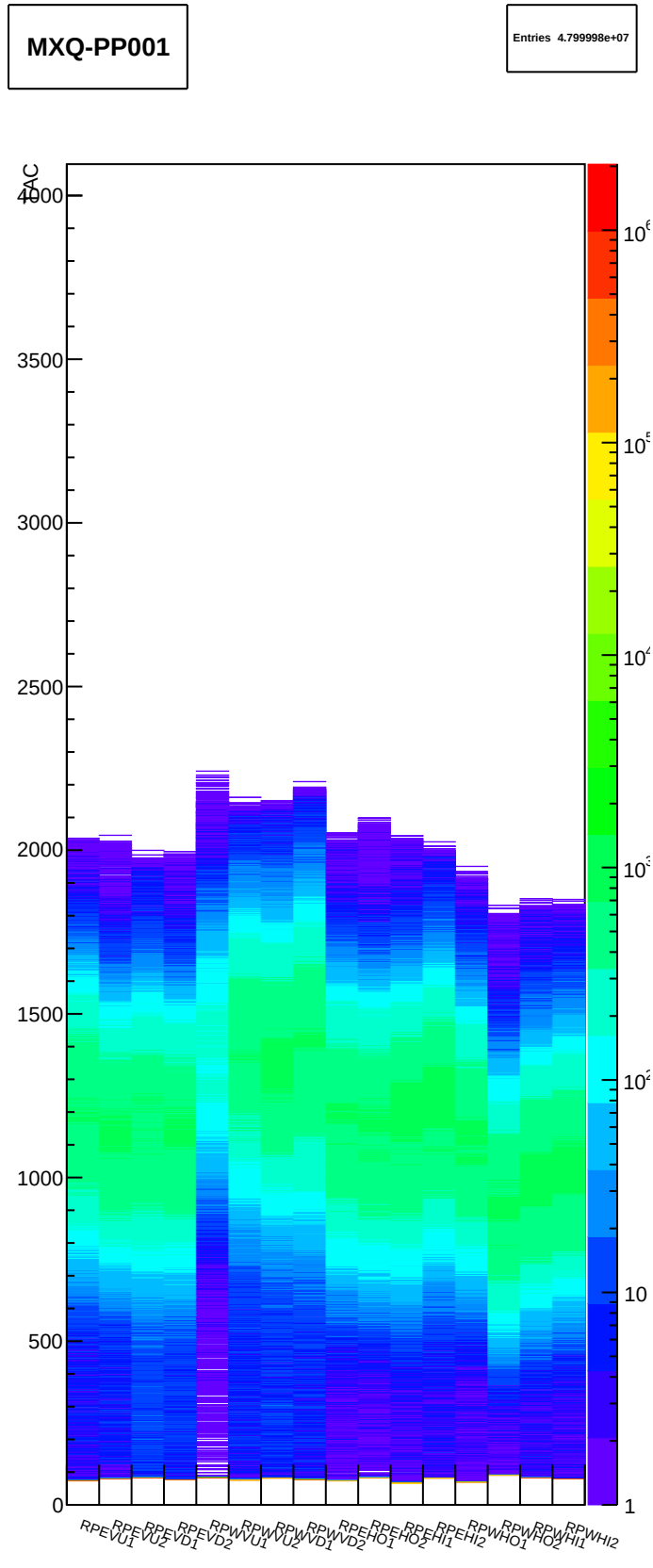

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5999998
TAC sum
1st-Best
2nd-Best
ID

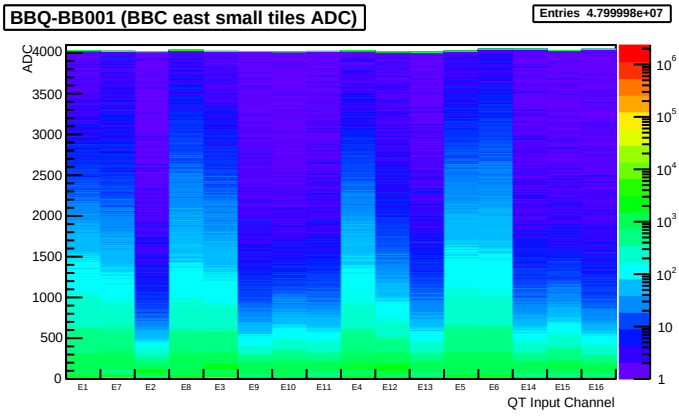

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5999998
TAC sum
1st-Best
2nd-Best
ID

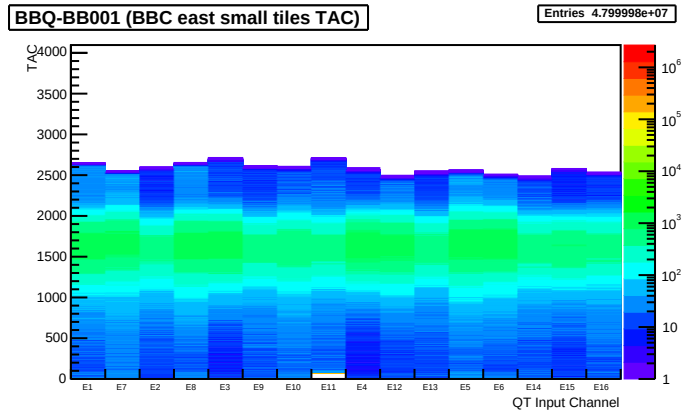

MIX-MT101 Input: VP003 Max TAC
Entries 2999999

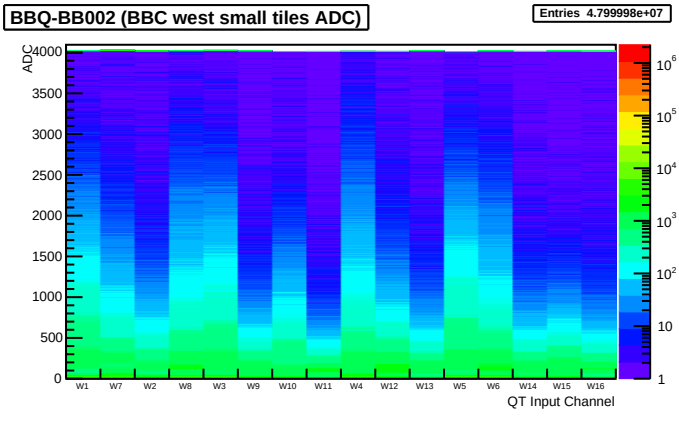

MIX-MT101 Input: VP004 Max TAC
Entries 2999999

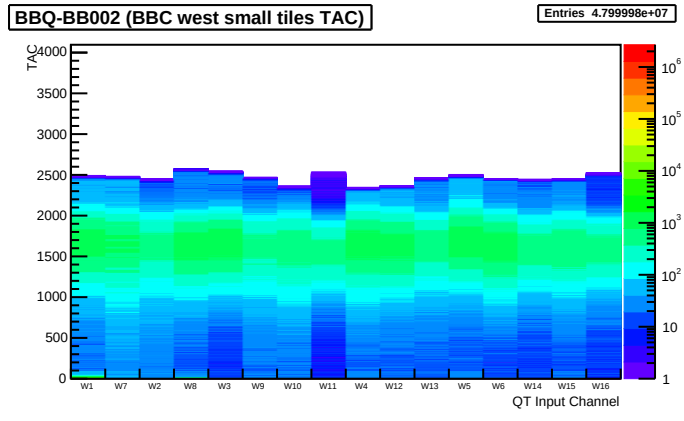

MXQ-PP001
Entries 4.799998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

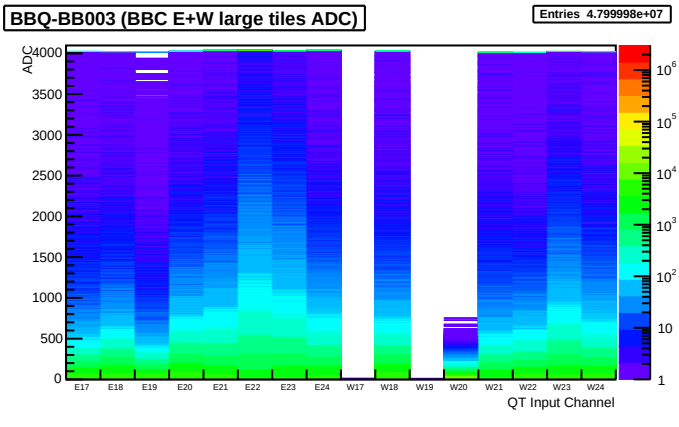

MXQ-PP001
Entries 4.799998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

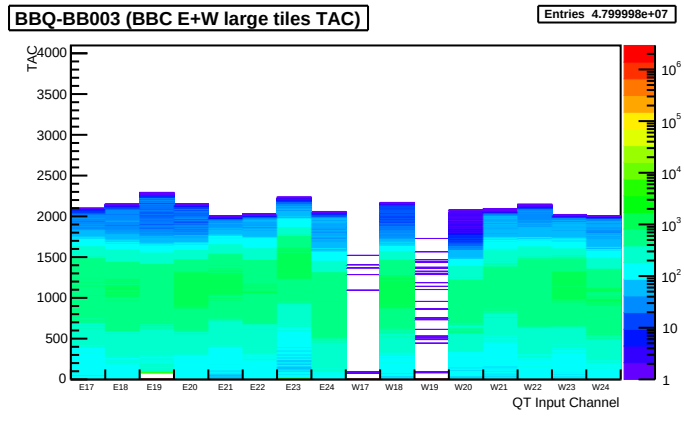

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.799998e+07
ADC
QT Input Channel

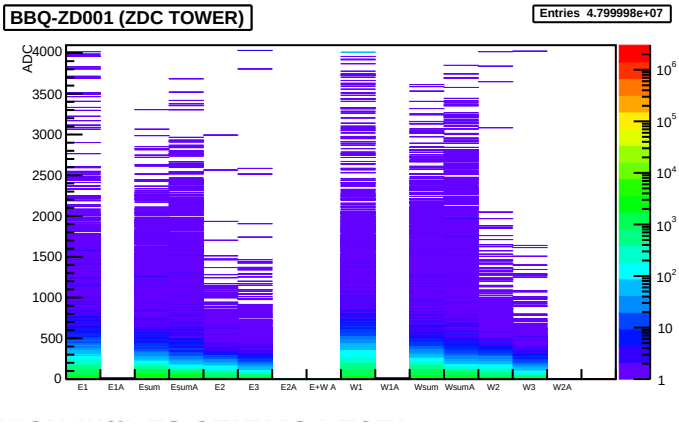

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.799998e+07
TAC
QT Input Channel

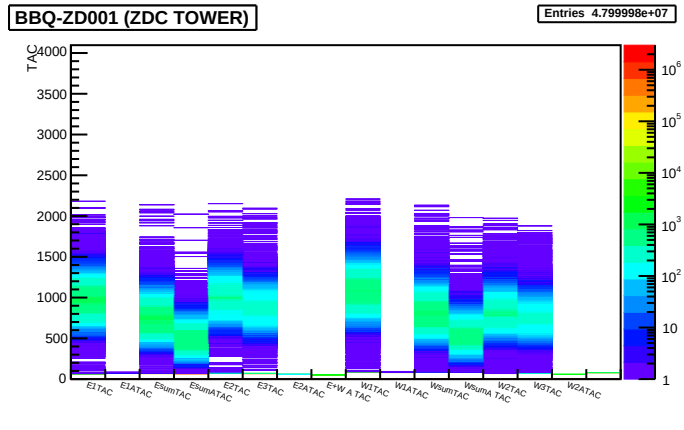

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.799998e+07
ADC
QT Input Channel

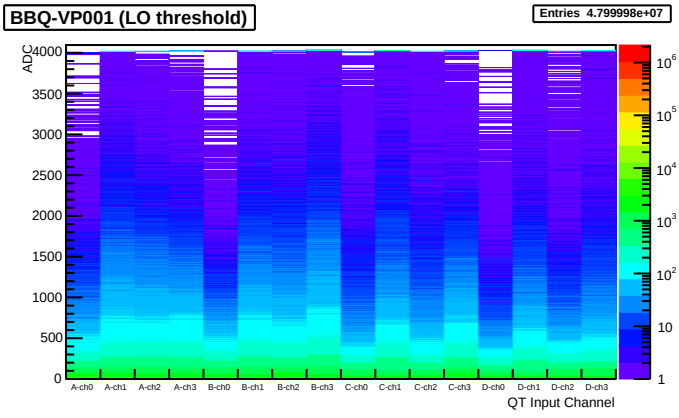

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.799998e+07
TAC
QT Input Channel

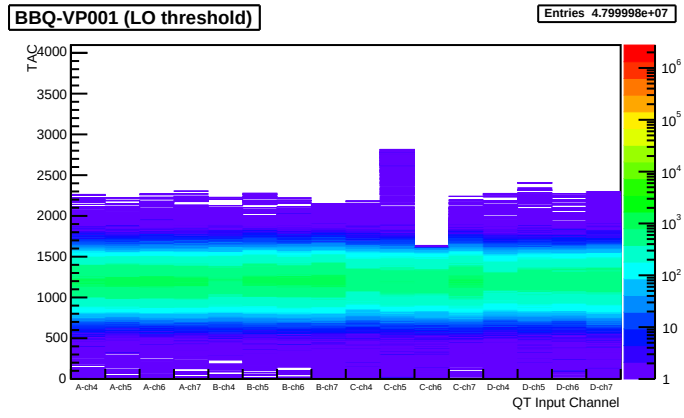

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.799998e+07
ADC
QT Input Channel

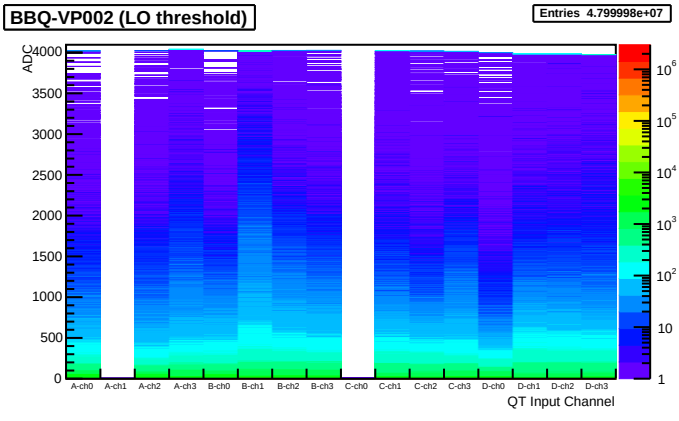

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.799998e+07
TAC
QT Input Channel

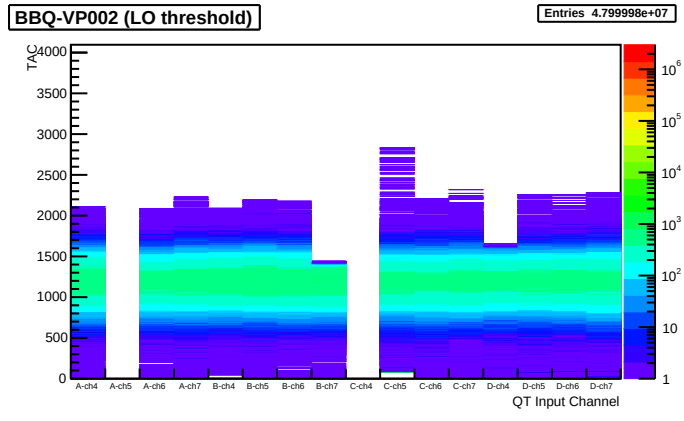

BBQ-ZD001 (ZDC TOWER)
Entries 4.799998e+07
ADC

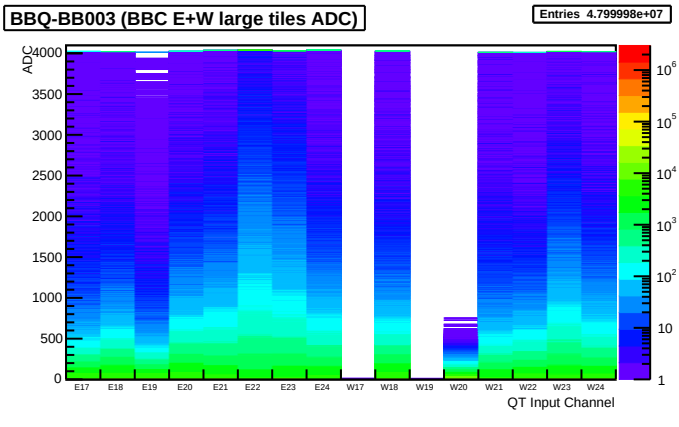

BBQ-ZD001 (ZDC TOWER)
Entries 4.799998e+07
TAC

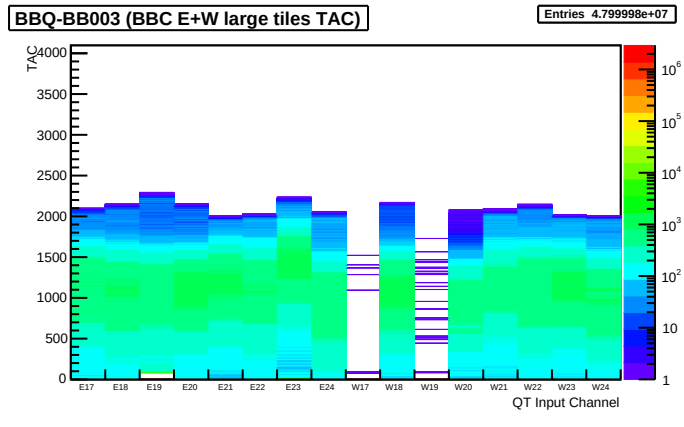

BBQ-VP001 (LO threshold)
Entries 4.799998e+07
ADC
QT Input Channel

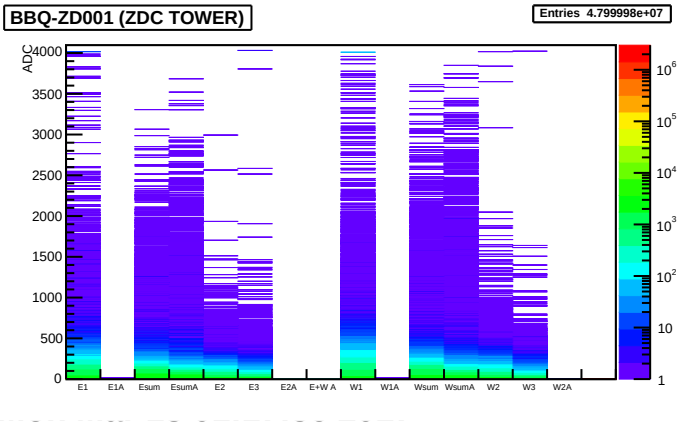

BBQ-VP001 (LO threshold)
Entries 4.799998e+07
TAC
QT Input Channel

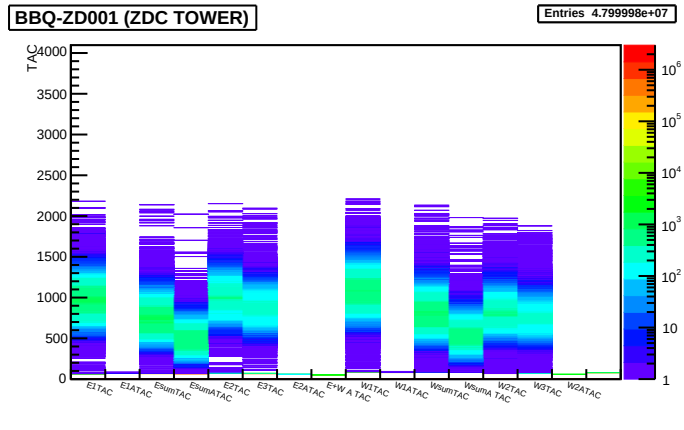

BBQ-VP002 (LO threshold)
Entries 4.799998e+07
ADC
QT Input Channel

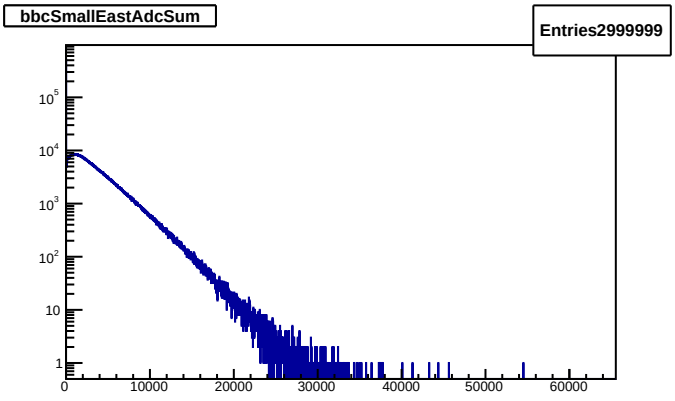

BBQ-VP002 (LO threshold)
Entries 4.799998e+07
TAC
QT Input Channel

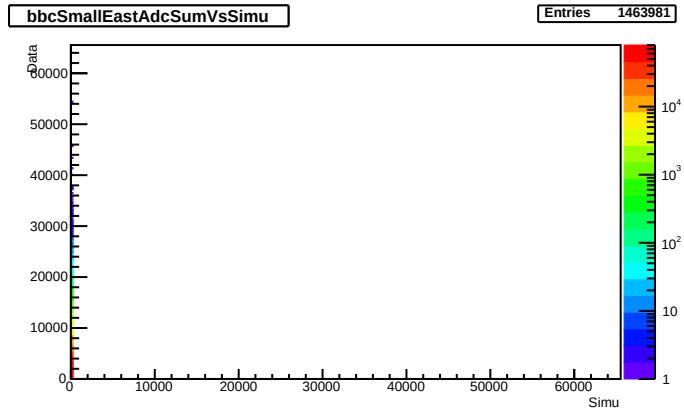

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.799998e+07
ADC
QT Input Channel

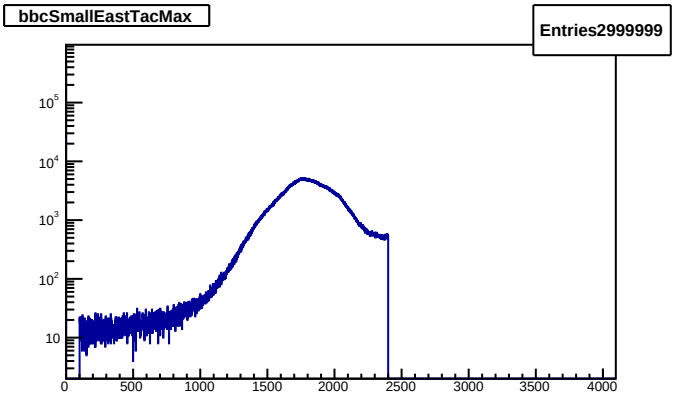

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.799998e+07
TAC
QT Input Channel

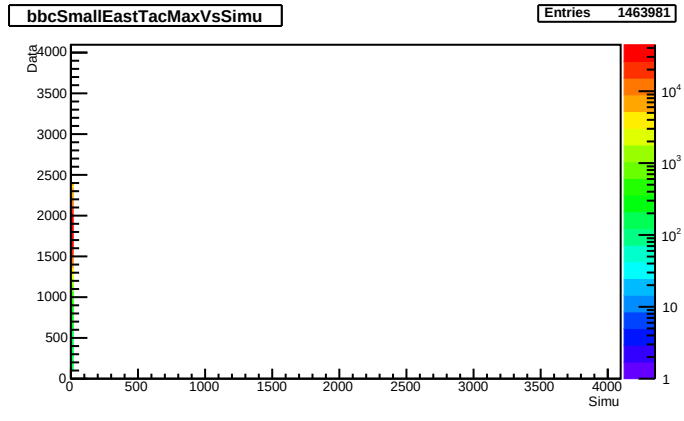

BBQ-ZD001 (ZDC TOWER)
Entries 4.799998e+07
ADC

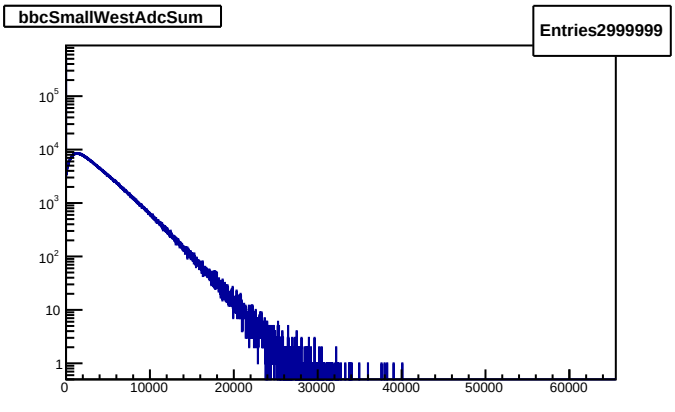

BBQ-ZD001 (ZDC TOWER)
Entries 4.799998e+07
TAC

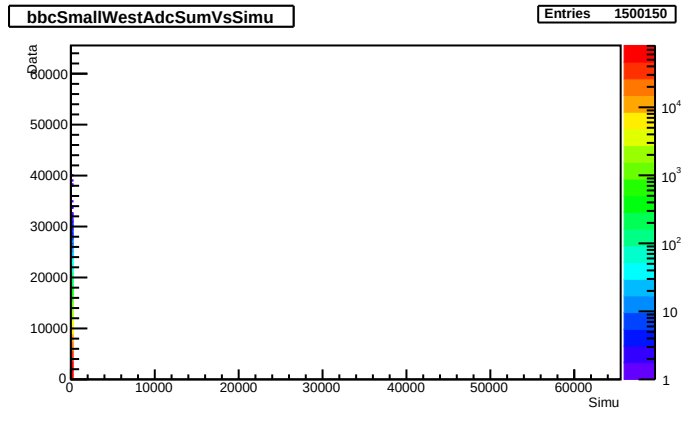

bbcSmallEastAdcSum
Entries2999999

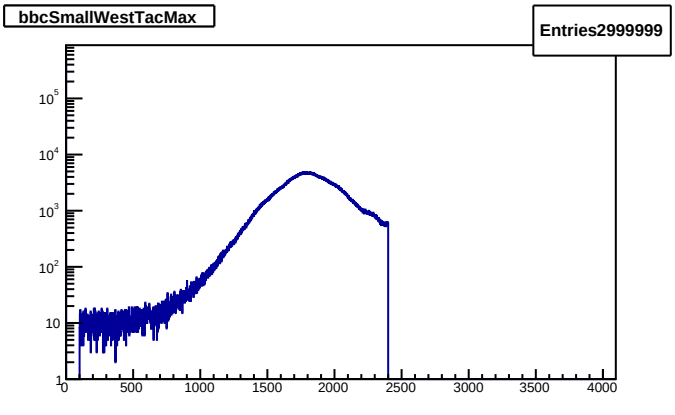

bbcSmallEastAdcSumVsSimu
Entries 1463981
Data
Simu

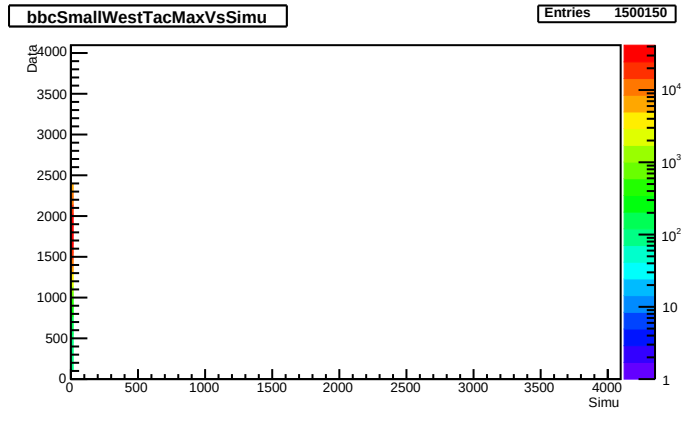

bbcSmallEastTacMax
Entries2999999

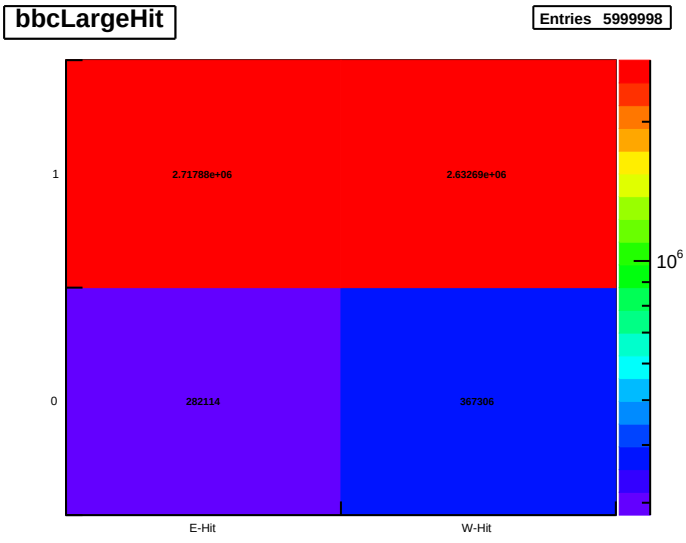

bbcSmallEastTacMaxVsSimu
Entries 1463981
Data
Simu

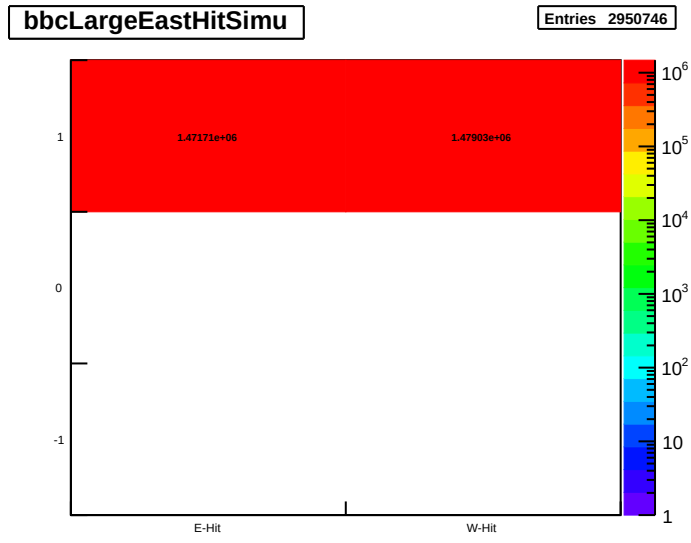

bbcSmallWestAdcSum
Entries2999999

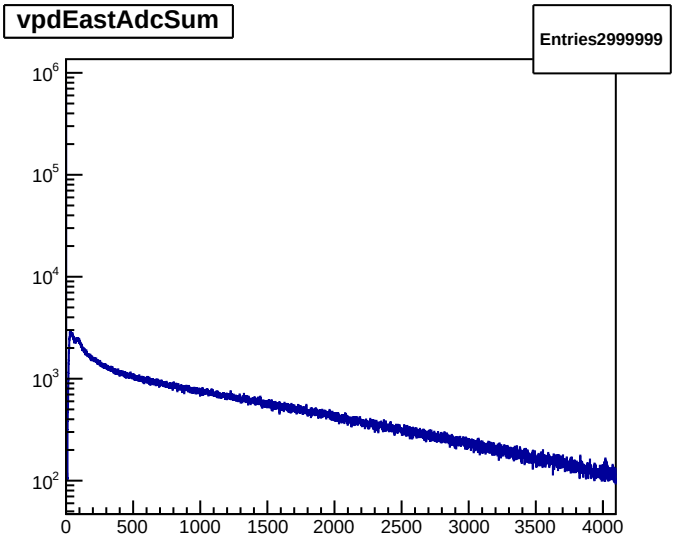

bbcSmallWestAdcSumVsSimu
Entries 1500150
Data
Simu

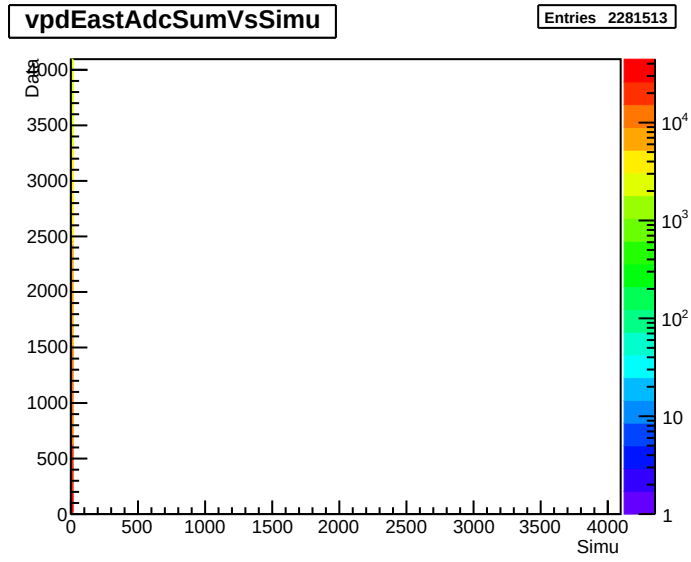

bbcSmallWestTacMax
Entries2999999

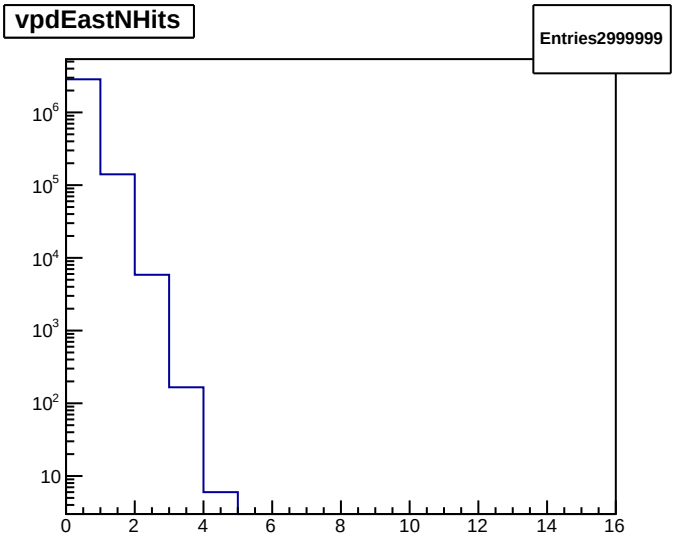

bbcSmallWestTacMaxVsSimu
Entries 1500150
Data
Simu

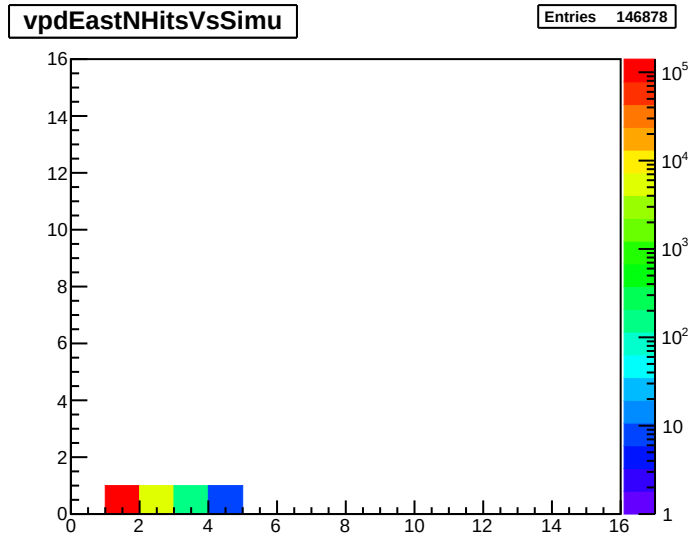

bbcLargeHit
Entries 5999998
1
0
2.71788e+06
2.63269e+06
282114
367306
E-Hit
W-Hit
10^6

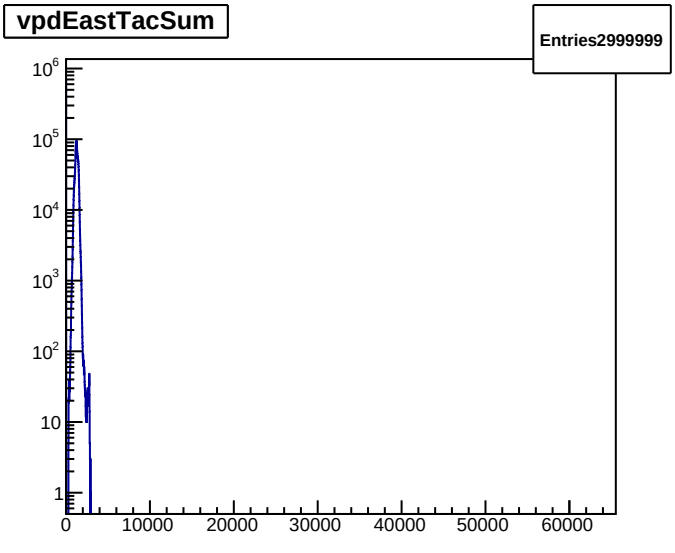

bbcLargeEastHitSimu
Entries 2950746
1
0
-1
1.47171e+06
1.47903e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

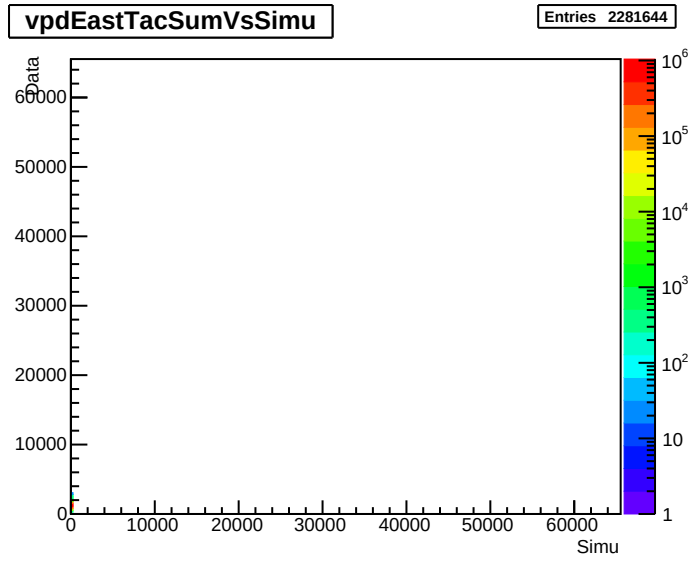

vpdEastAdcSum
Entries2999999

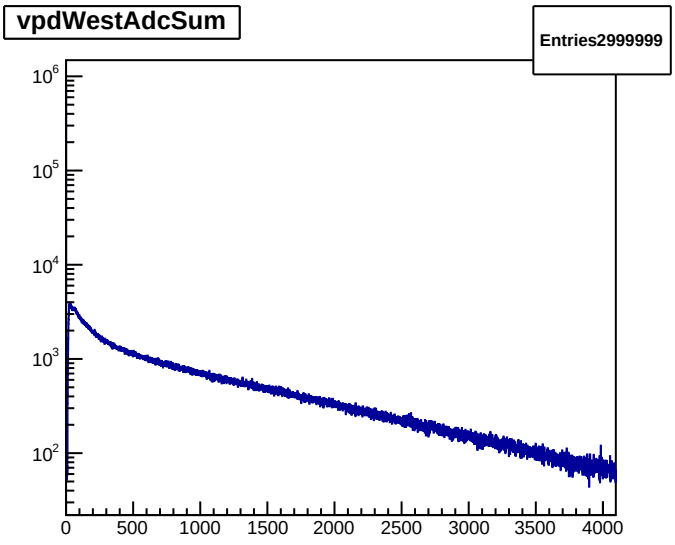

vpdEastAdcSumVsSimu
Entries 2281513
Data
Simu

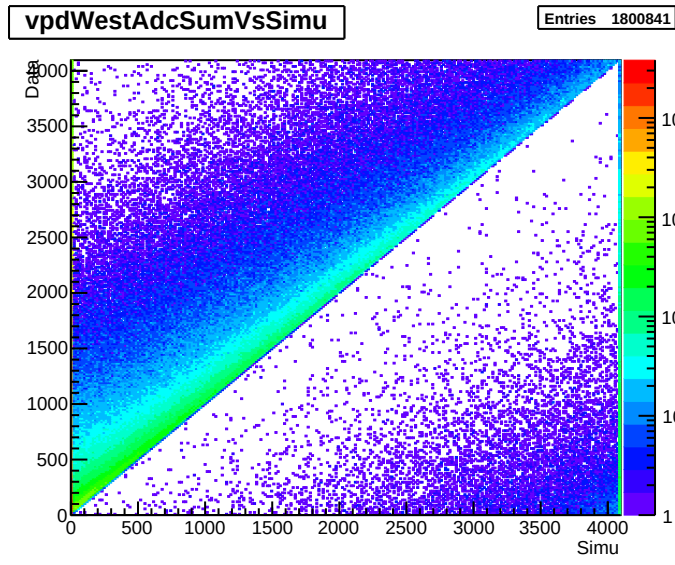

vpdEastNHits
Entries2999999

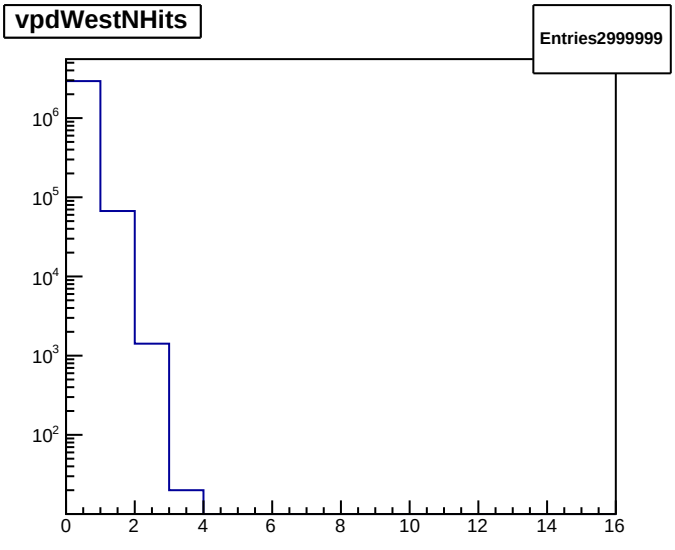

vpdEastNHitsVsSimu
Entries 146878

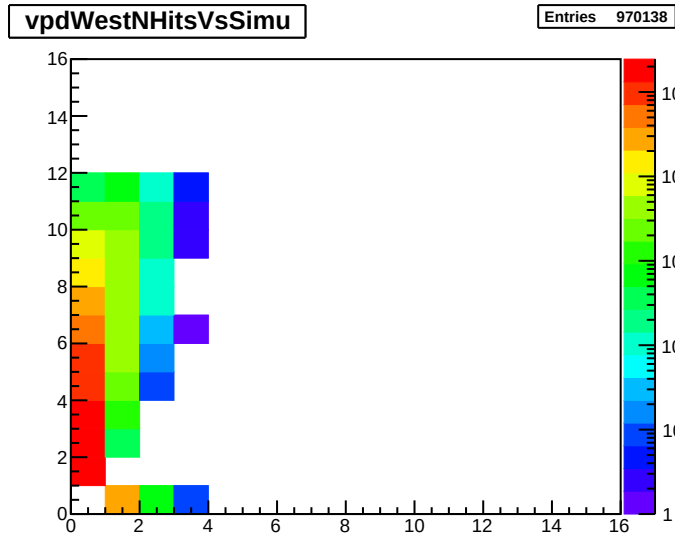

vpdEastTacSum
Entries2999999

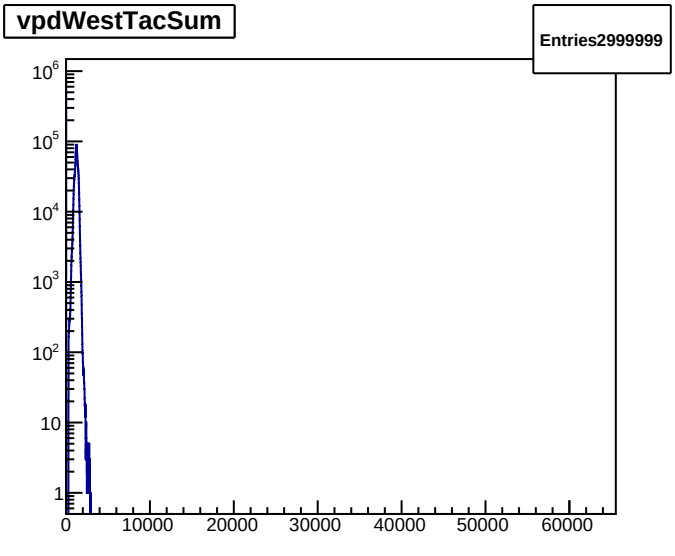

vpdEastTacSumVsSimu
Entries 2281644
Data
Simu

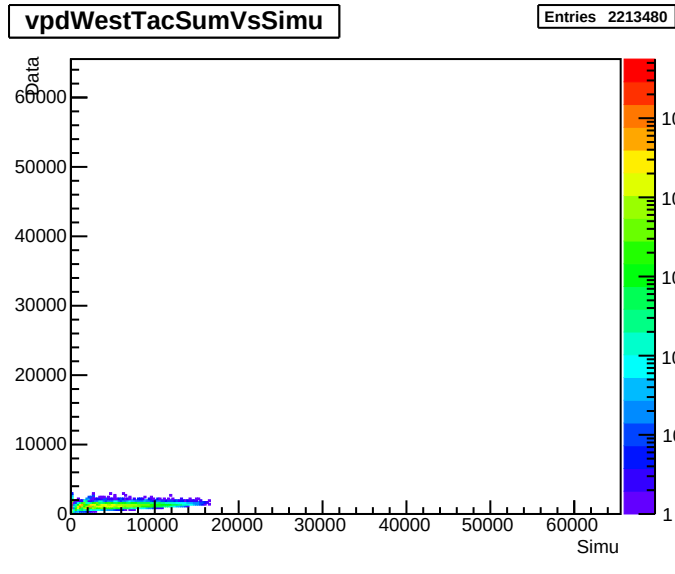

vpdWestAdcSum
Entries2999999

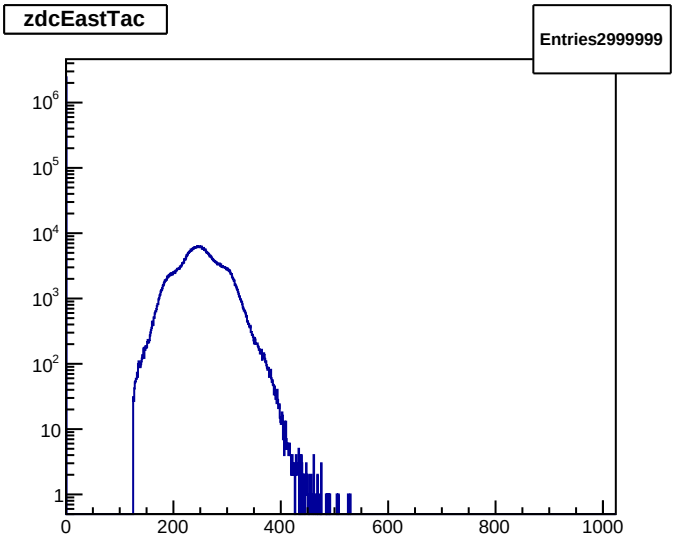

vpdWestAdcSumVsSimu
Entries 1800841
Data
Simu

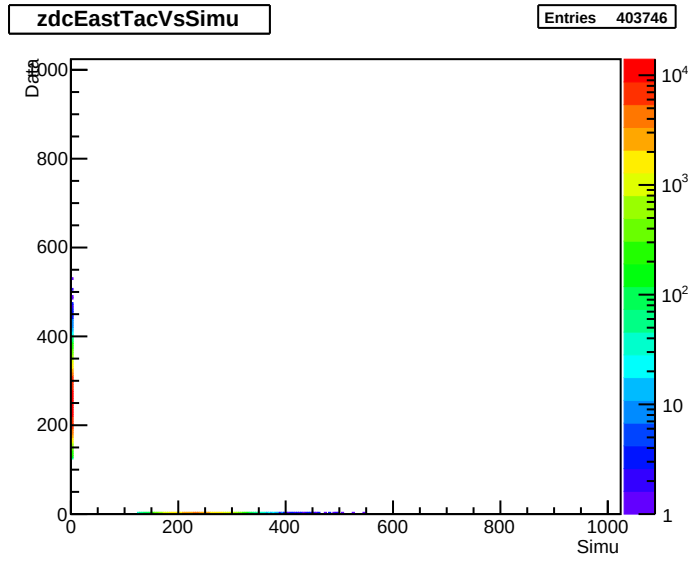

vpdWestNHits
Entries2999999

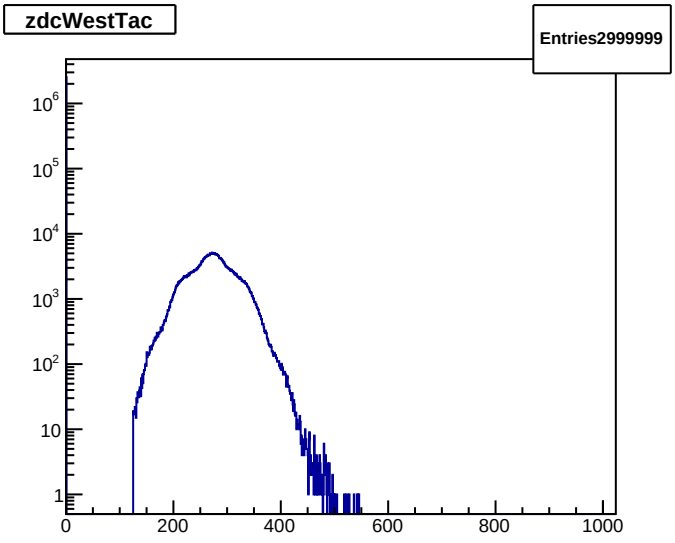

vpdWestNHitsVsSimu
Entries 970138

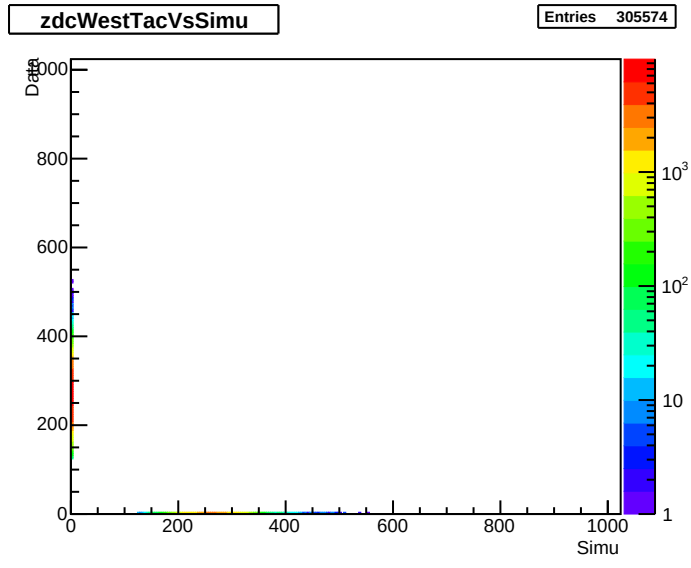

vpdWestTacSum
Entries2999999

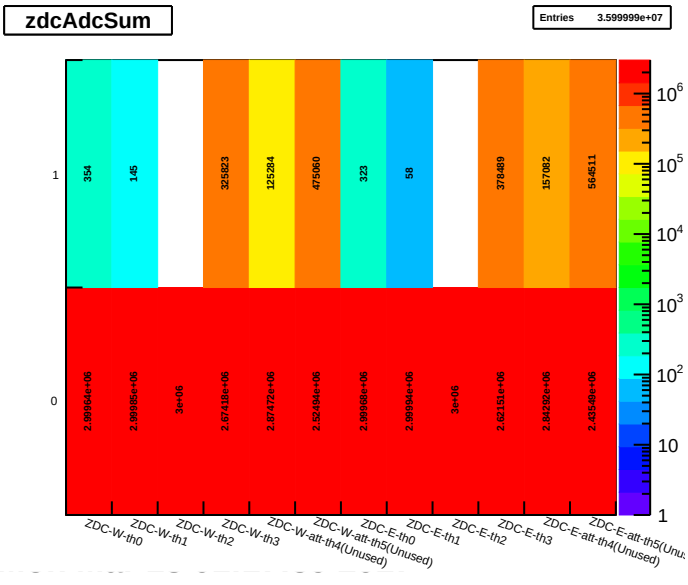

vpdWestTacSumVsSimu
Entries 2213480
Data
Simu

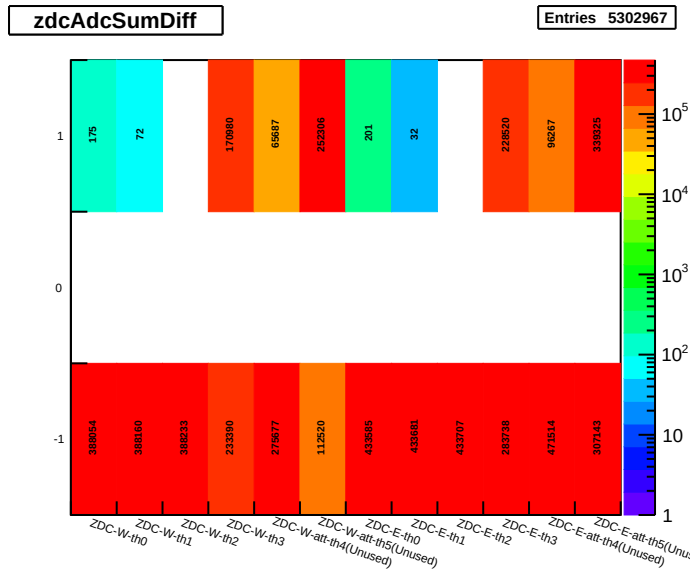

zdcEastTac
Entries2999999

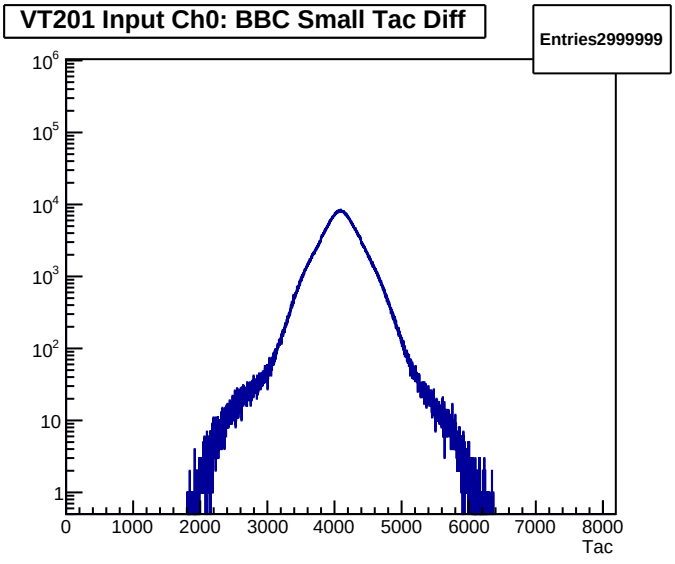

zdcEastTacVsSimu
Entries 403746
Data
Simu

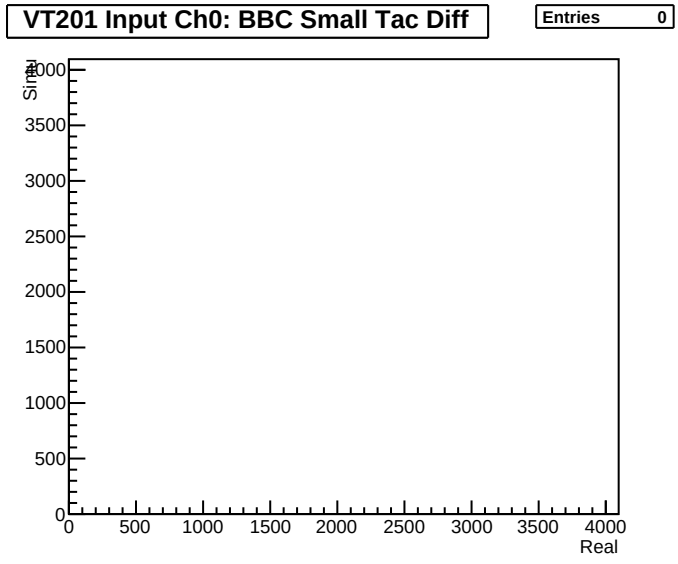

zdcWestTac
Entries2999999

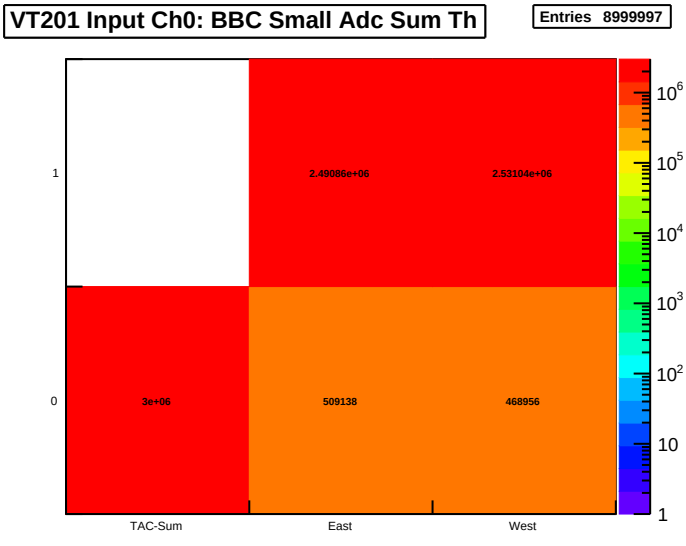

zdcWestTacVsSimu
Entries 305574
Data
Simu

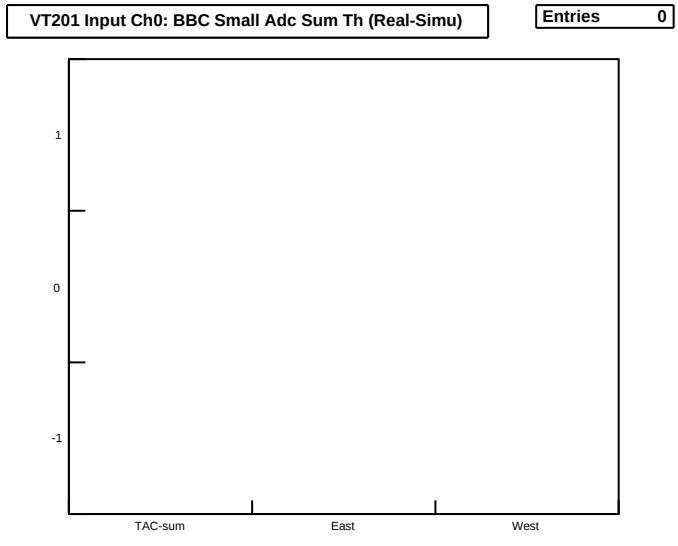

zdcAdcSum
Entries 3.599999e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

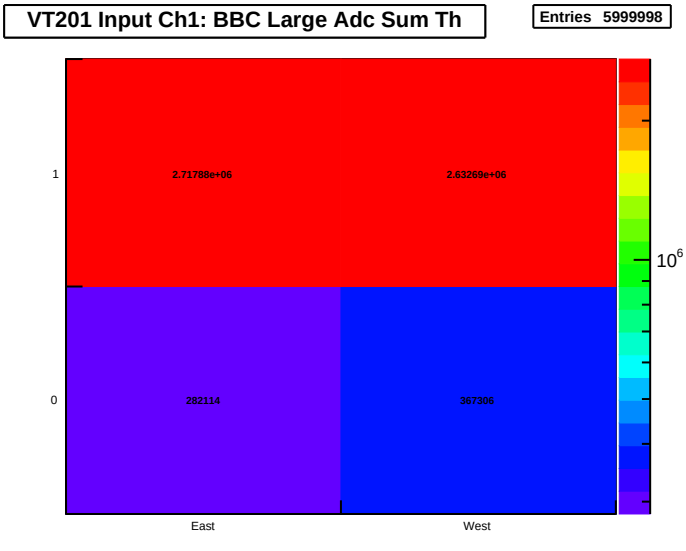

zdcAdcSumDiff
Entries 5302967
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

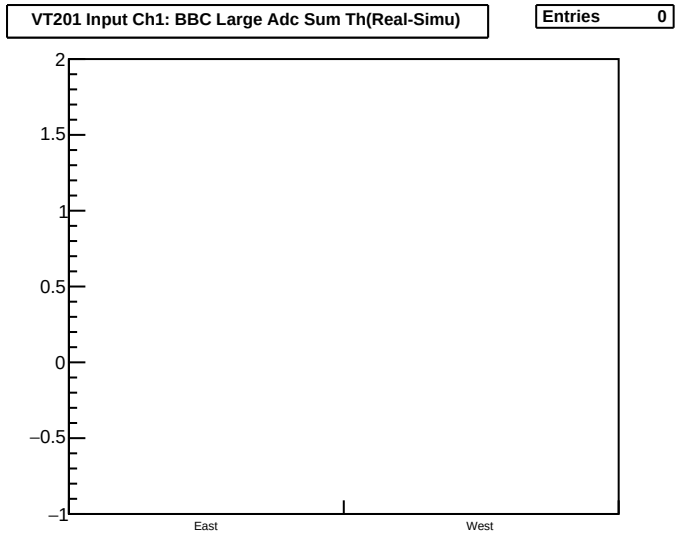

VT201 Input Ch0: BBC Small Tac Diff
Entries2999999
Tac


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

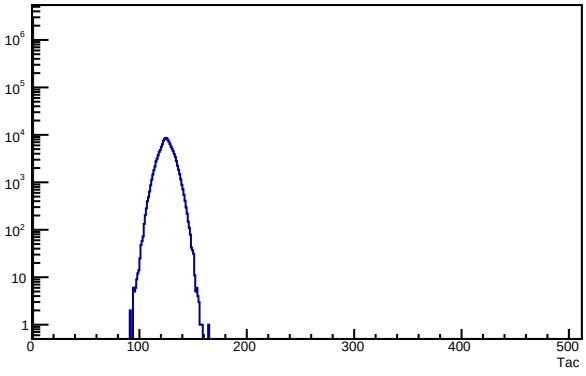

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 8999997
2.49086e+06
2.53104e+06
3e+06
509138
468956
TAC-Sum
East
West


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

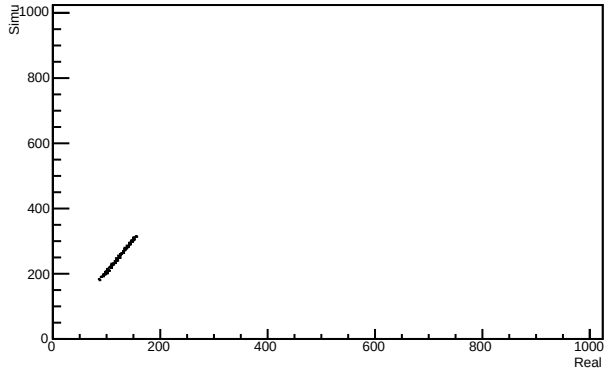

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5999998
2.71788e+06
2.63269e+06
282114
367306
East
West


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

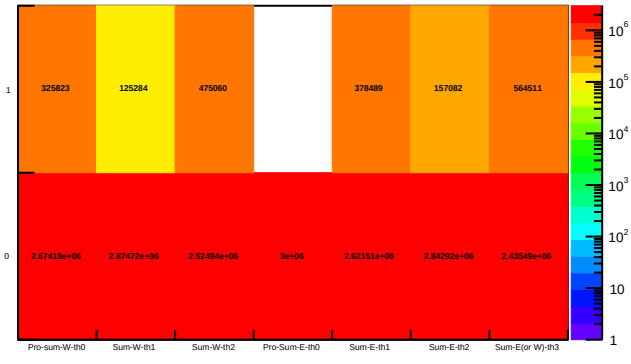
VT201 Input Ch2: ZDC Tac Diff



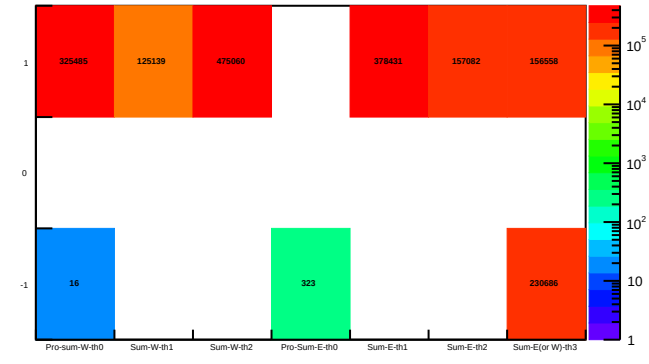
VT201 Input Ch2: ZDC Tac Diff



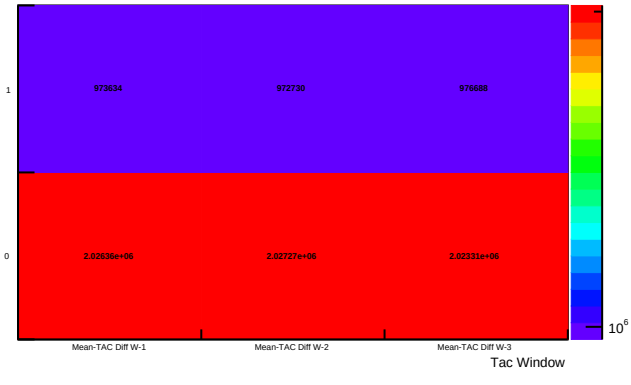
VT201 Input Ch2: ZDC Adc Sum Th



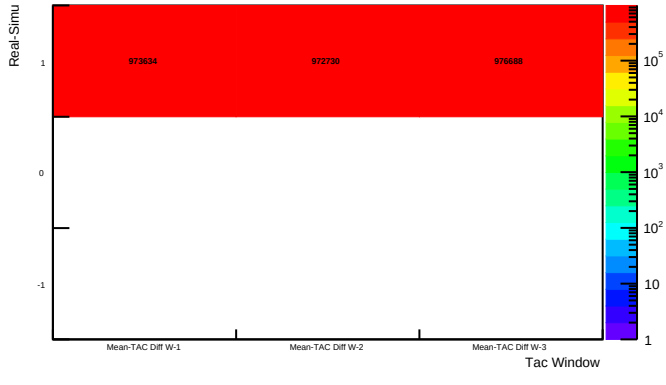
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



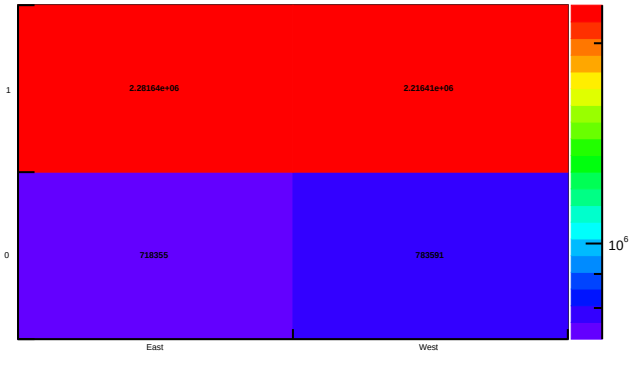
VT201 Input Ch4: VPD Tac Diff



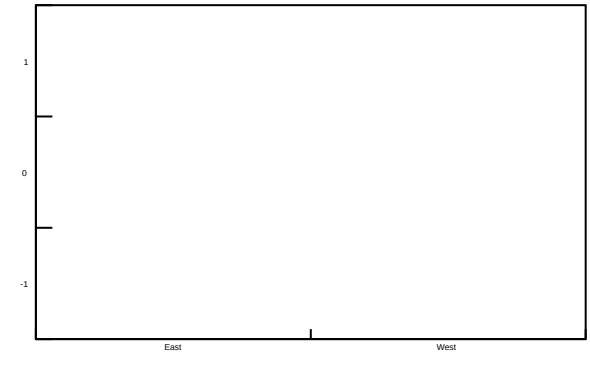
VT201 Input Ch4: VPD Tac Diff

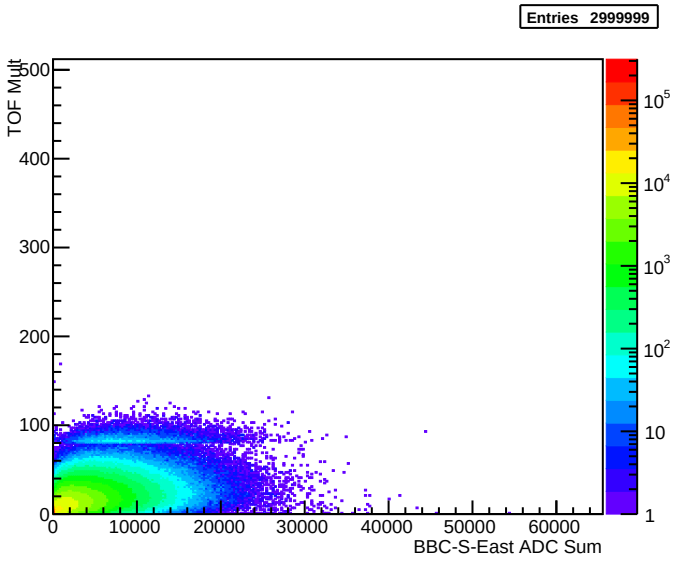


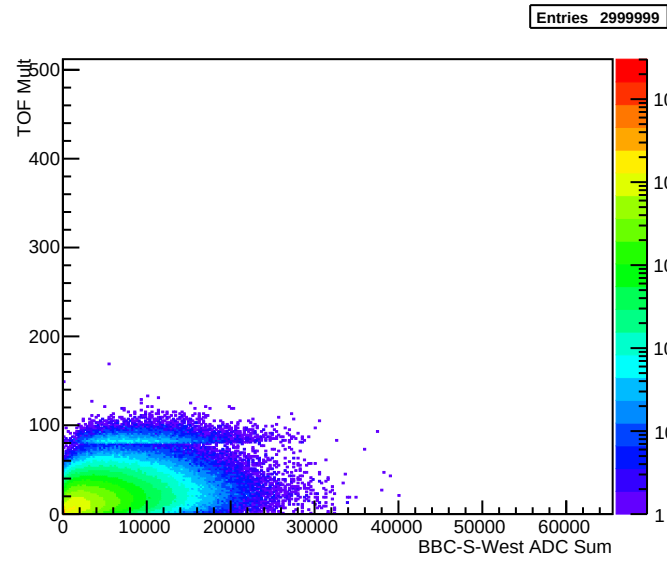
VT201 Input Ch4: VPD Adc Sum Th

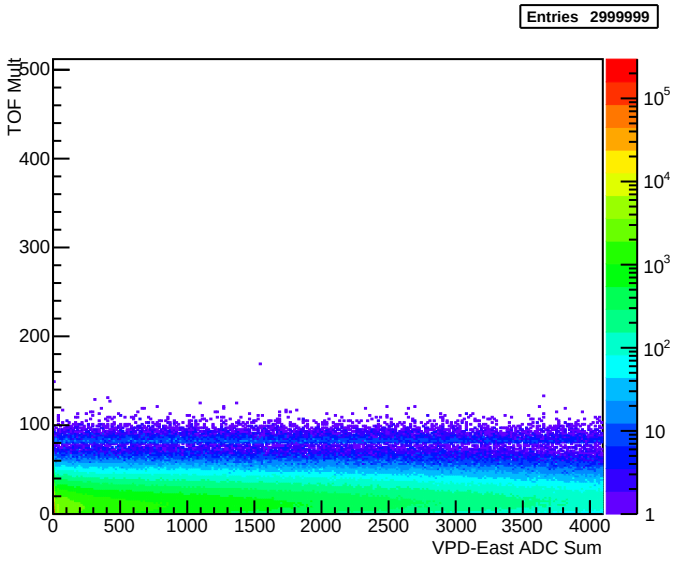


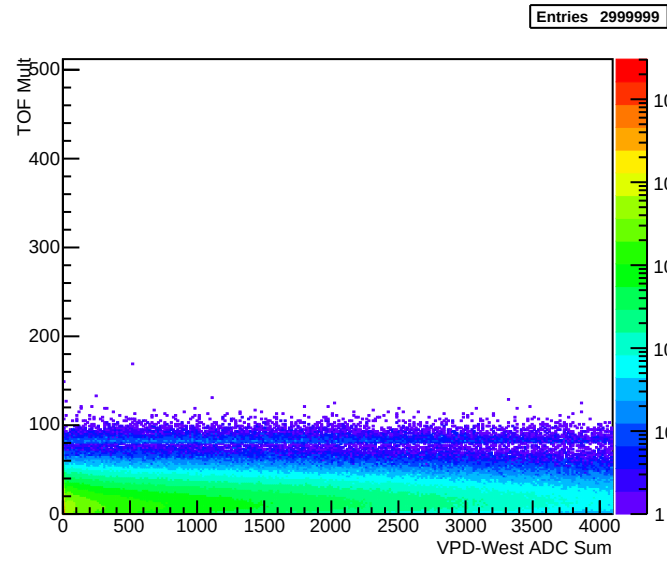
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

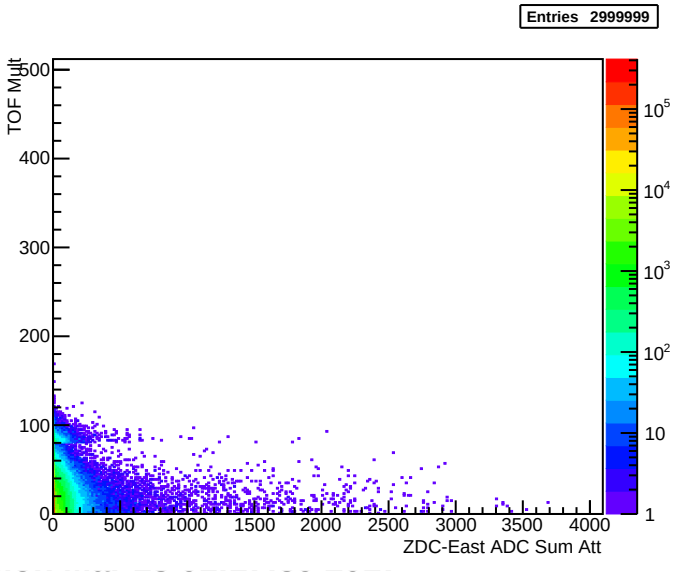


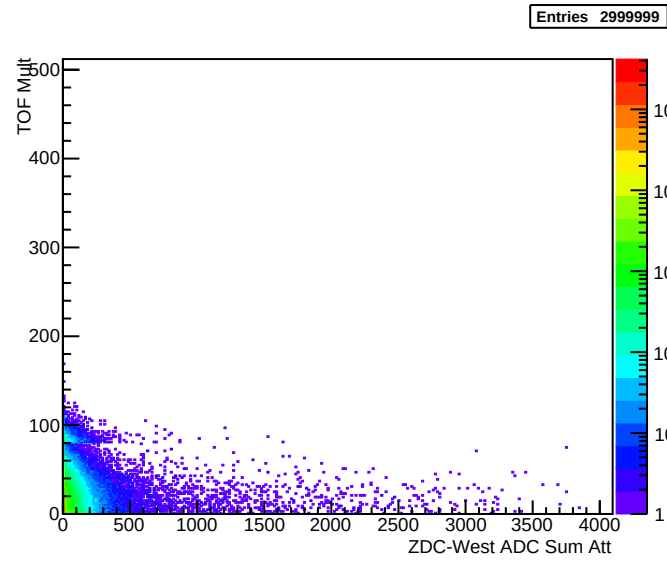

Entries 2999999
TOF Mult
BBC-S-East ADC Sum

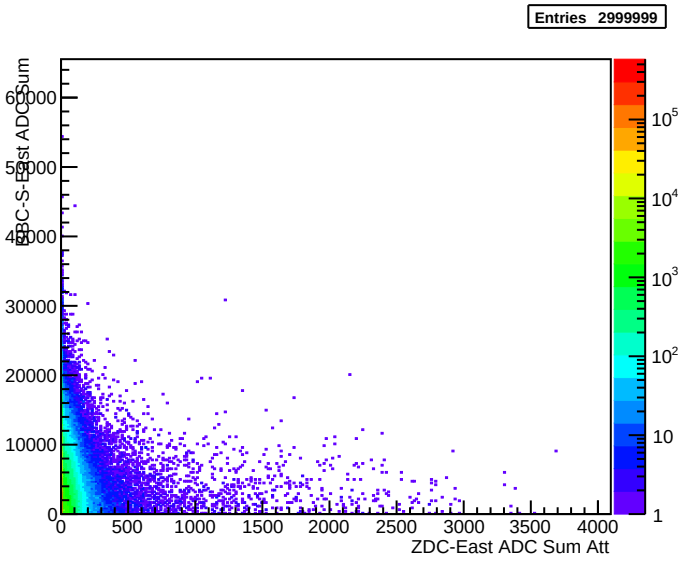

Entries 2999999
TOF Mult
BBC-S-West ADC Sum

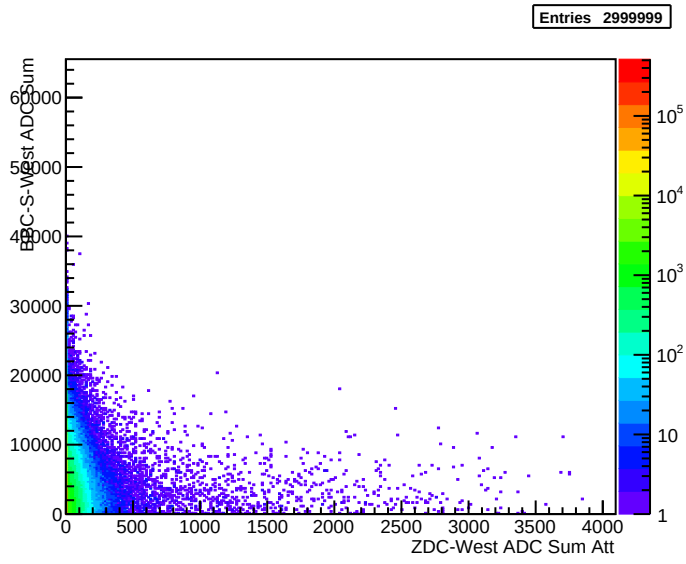

Entries 2999999
TOF Mult
VPD-East ADC Sum

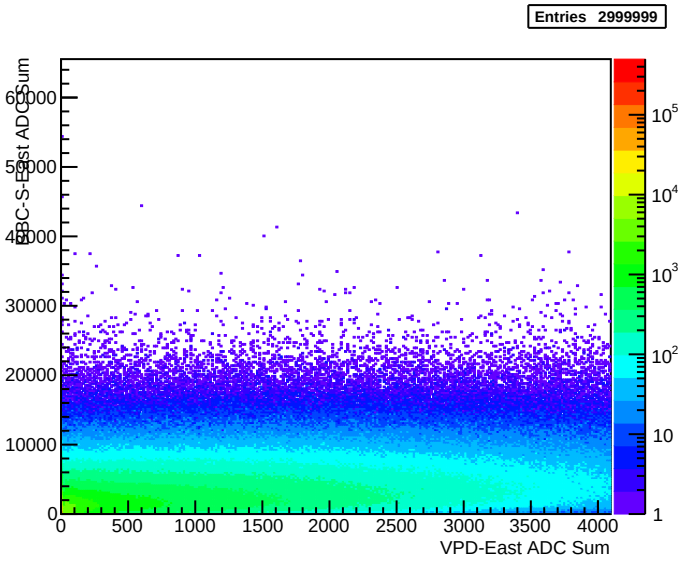

Entries 2999999
TOF Mult
VPD-West ADC Sum

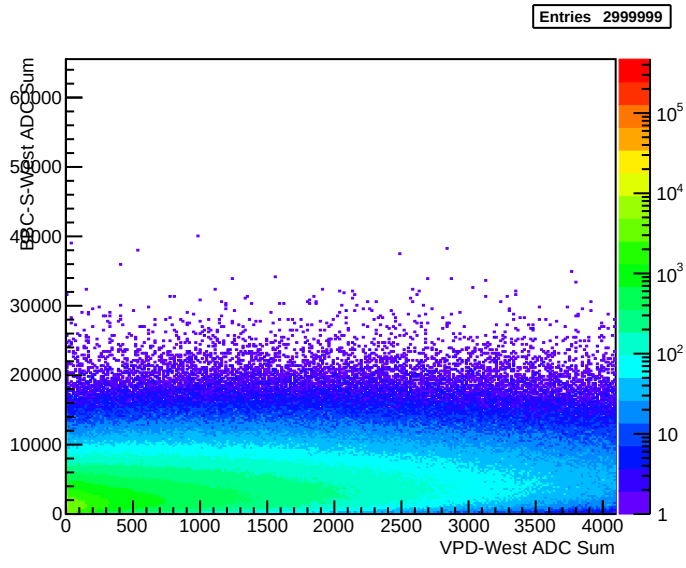

Entries 2999999
TOF Mult
ZDC-East ADC Sum Att

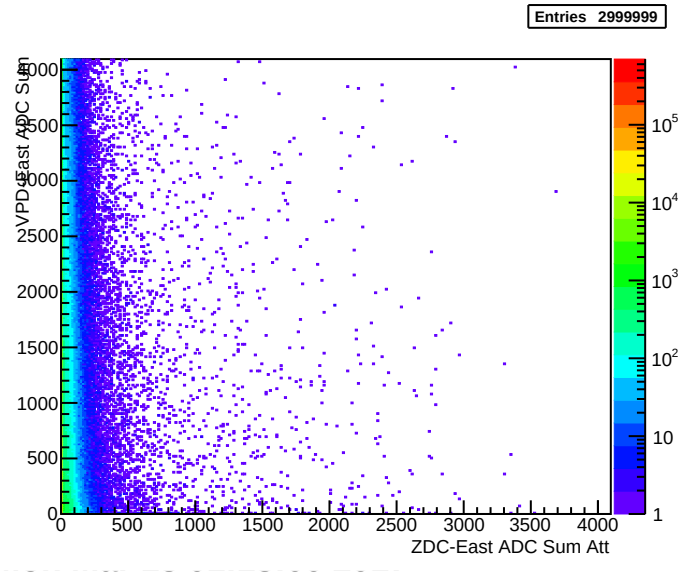

Entries 2999999
TOF Mult
ZDC-West ADC Sum Att

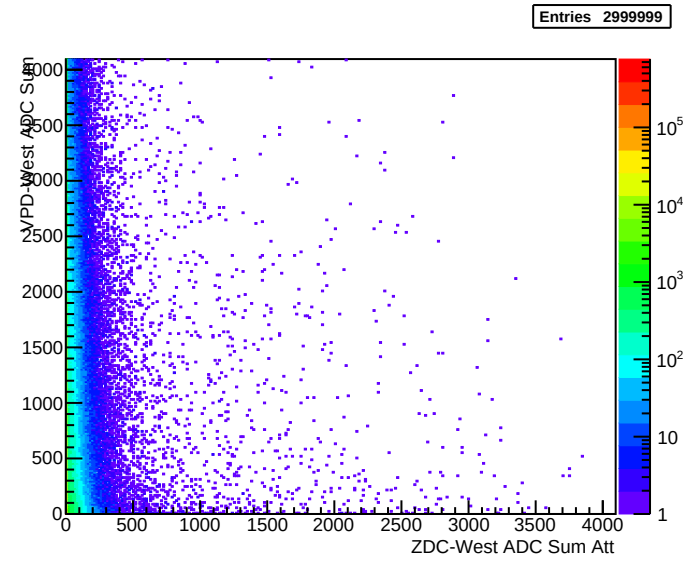

Entries 2999999
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

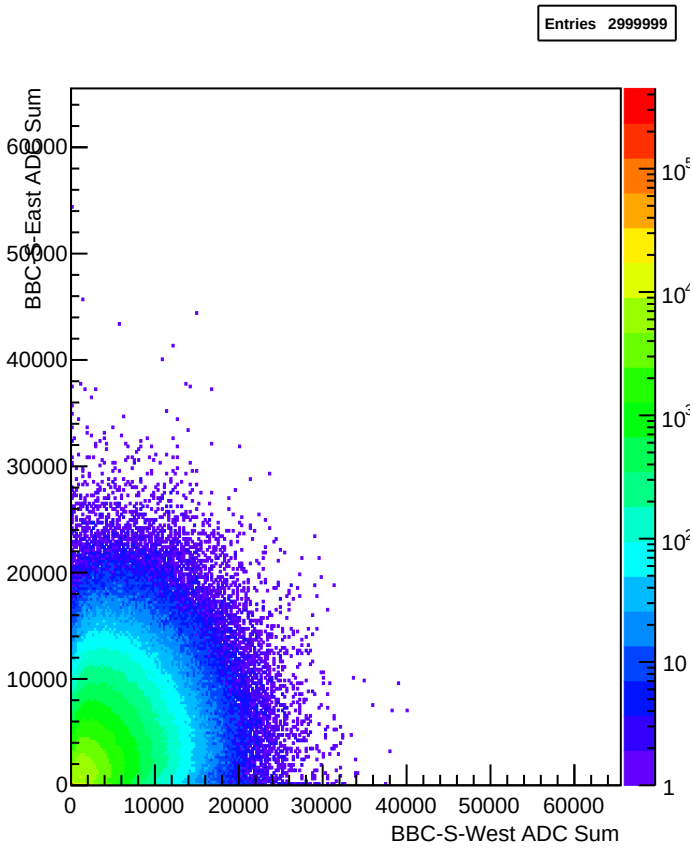

Entries 2999999
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

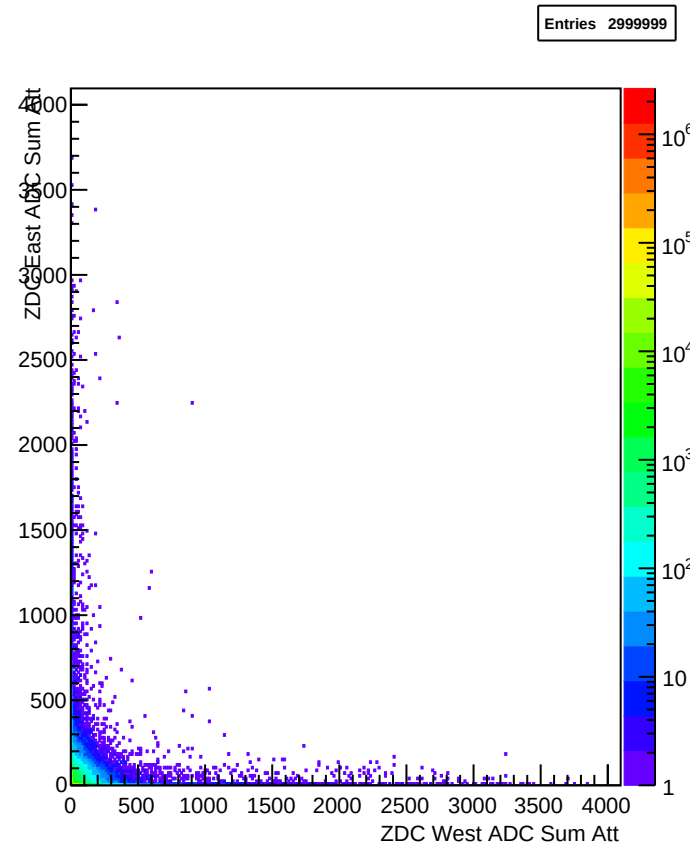

Entries 2999999
BBC-S-East ADC Sum
VPD-East ADC Sum

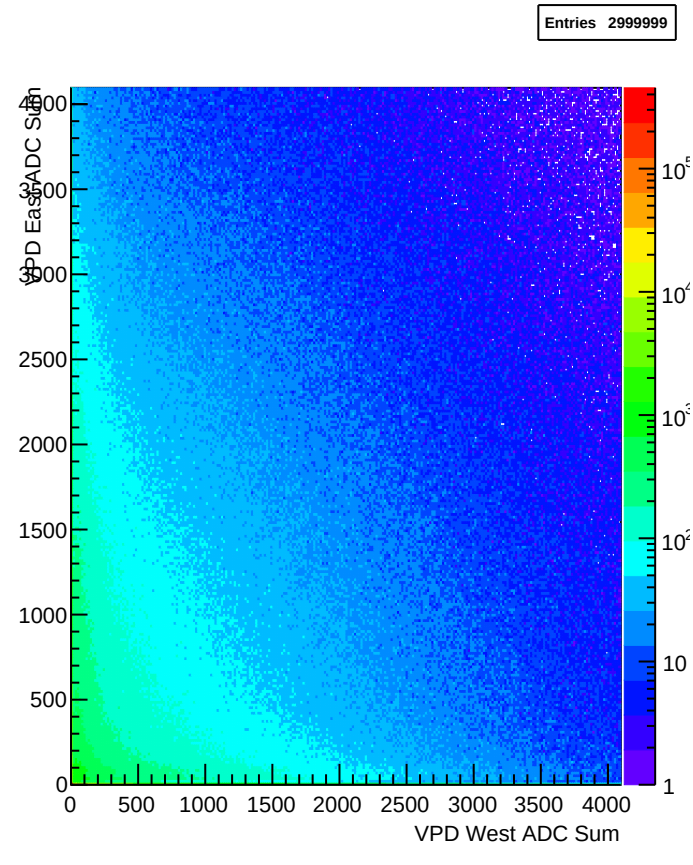

Entries 2999999
BBC-S-West ADC Sum
VPD-West ADC Sum

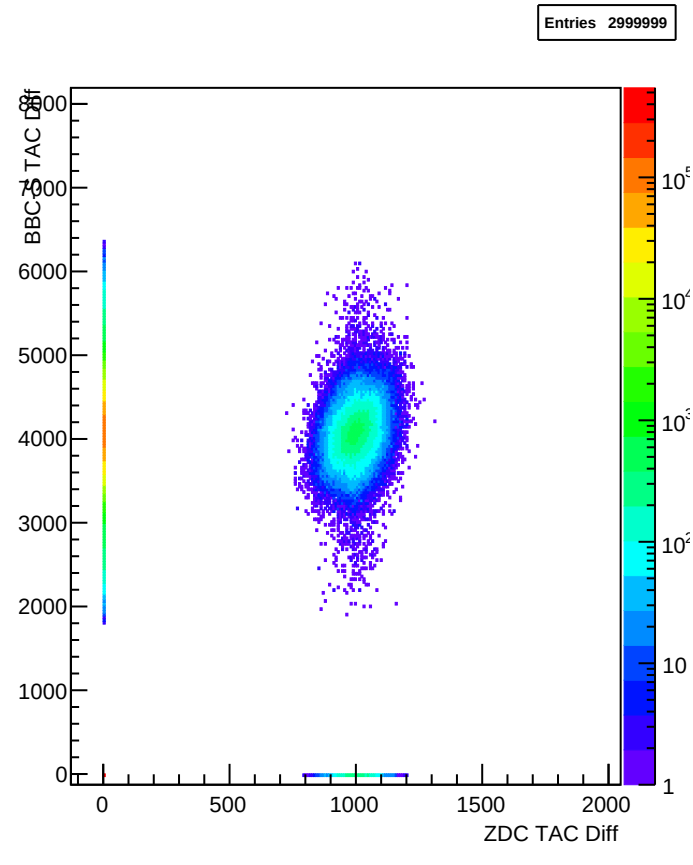

Entries 2999999
VPD-East ADC Sum
ZDC-East ADC Sum Att

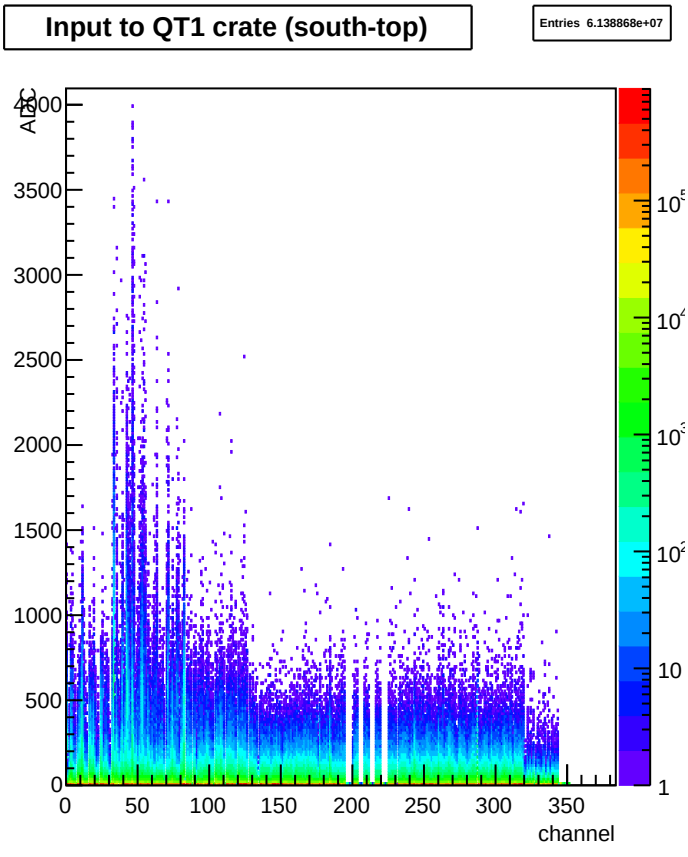

Entries 2999999
VPD-West ADC Sum
ZDC-West ADC Sum Att

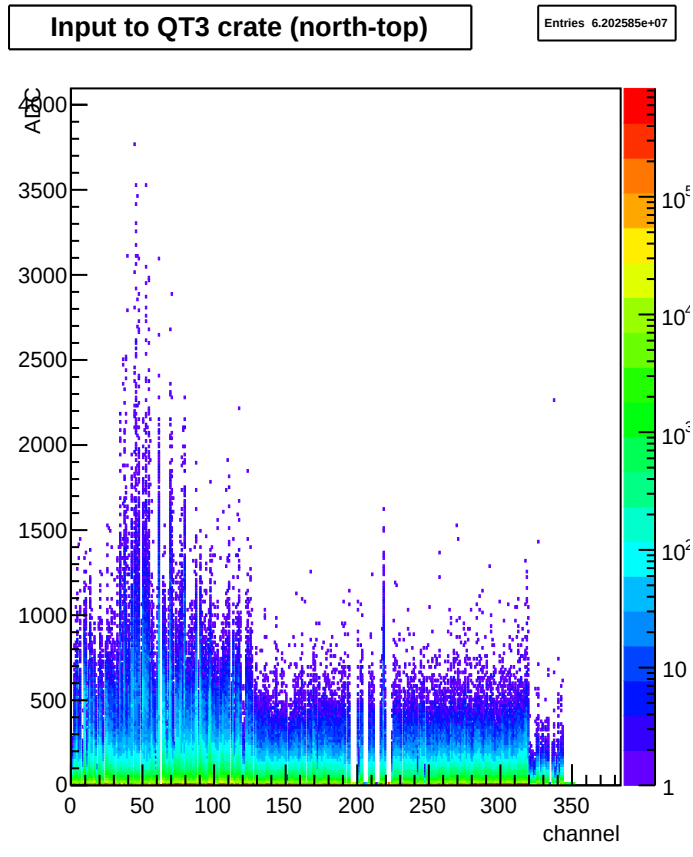

Entries 2999999
BBC-S-East ADC Sum
BBC-S-West ADC Sum

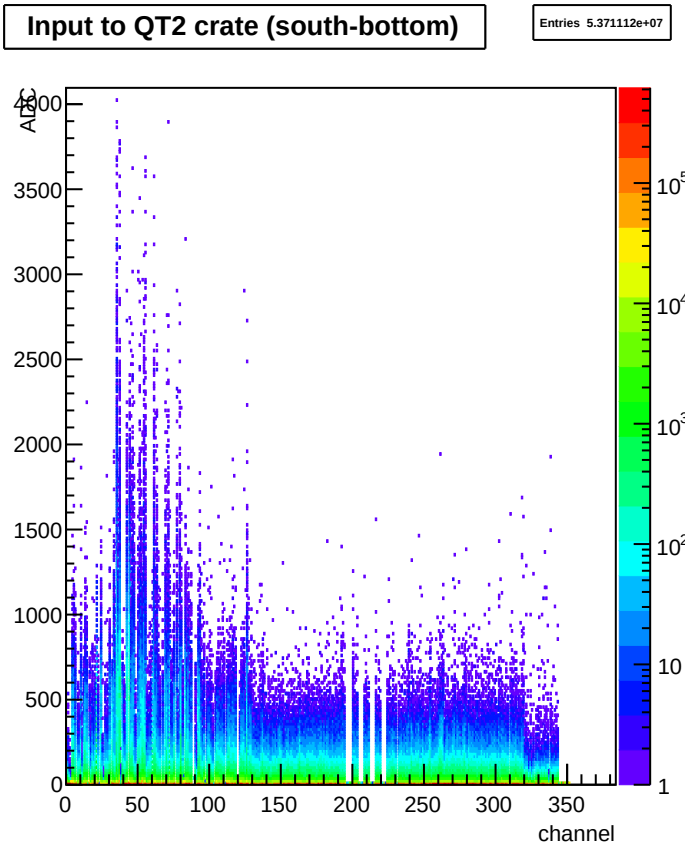

Entries 2999999
ZDC East ADC Sum Att
ZDC West ADC Sum Att

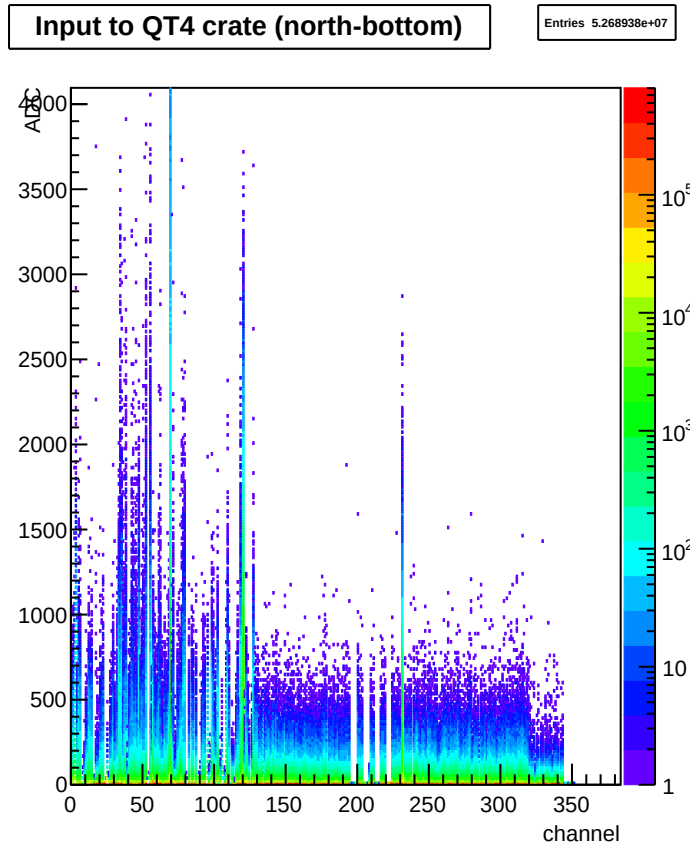

Entries 2999999
VPD East ADC Sum
VPD West ADC Sum

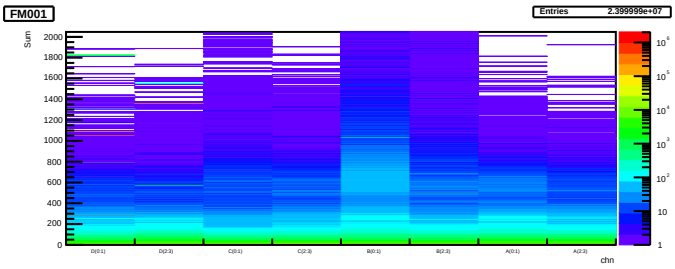

Entries 2999999
BBC-S TAC Diff
ZDC TAC Diff

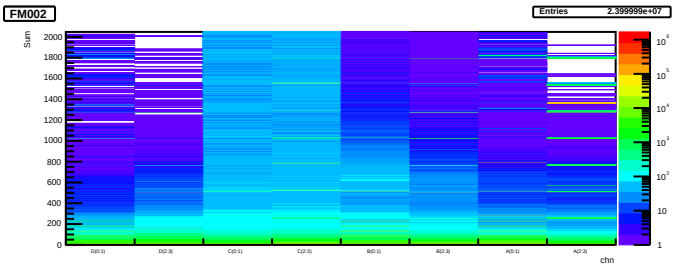

Input to QT1 crate (south-top)
Entries 6.138868e+07
ADC
channel

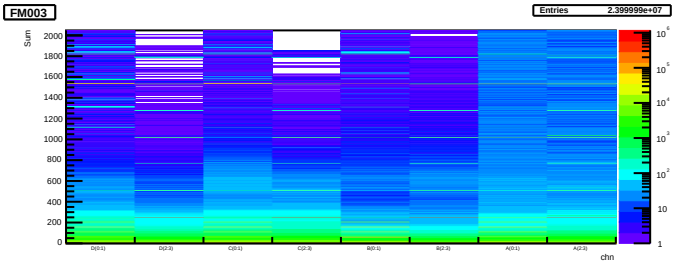

Input to QT3 crate (north-top)
Entries 6.202585e+07
ADC
channel

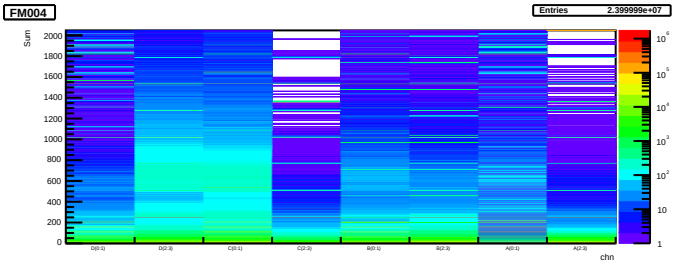

Input to QT2 crate (south-bottom)
Entries 5.371112e+07
ADC
channel

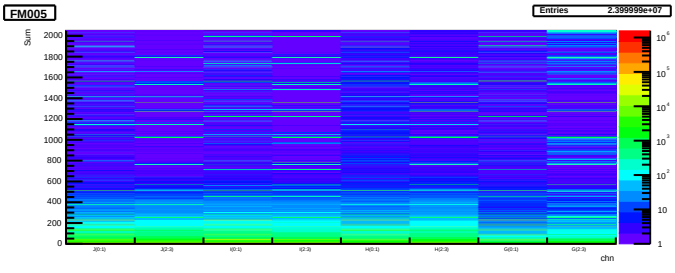

Input to QT4 crate (north-bottom)
Entries 5.268938e+07
ADC
channel

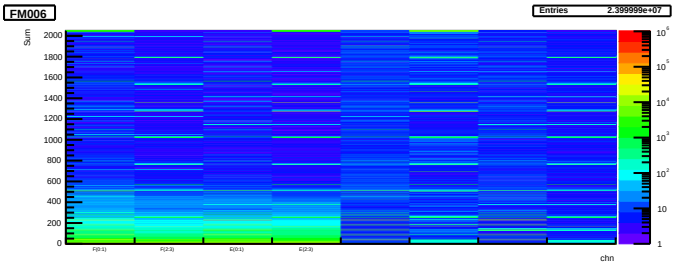

FM001
Entries 2.399999e+07
Sum
chn

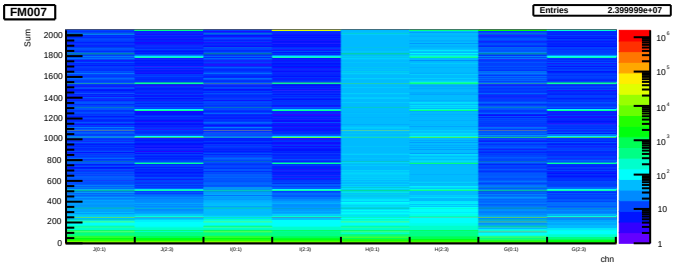

FM002
Entries 2.399999e+07
Sum
chn

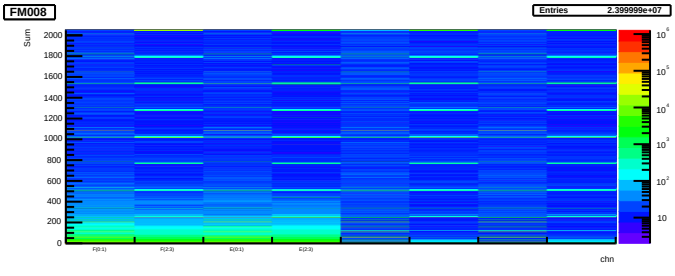

FM003
Entries 2.399999e+07
Sum
chn

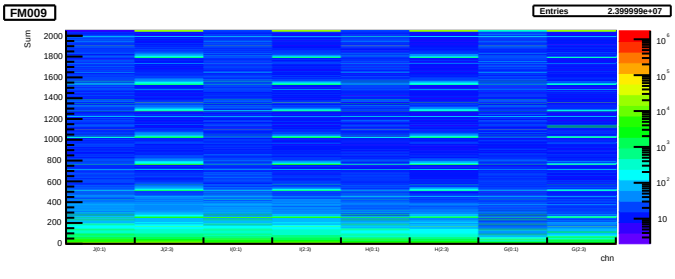

FM004
Entries 2.399999e+07
Sum
chn

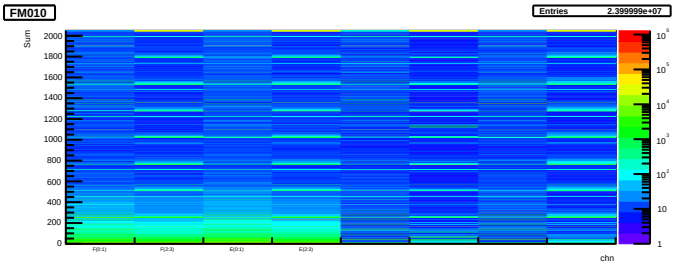

FM005
Entries 2.399999e+07
Sum
chn

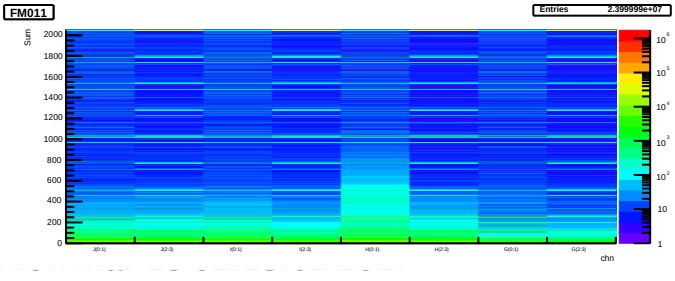

FM006
Entries 2.399999e+07
Sum
chn

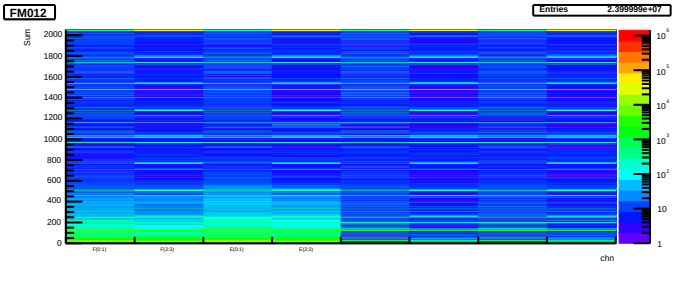

FM007
Entries 2.399999e+07
Sum
chn

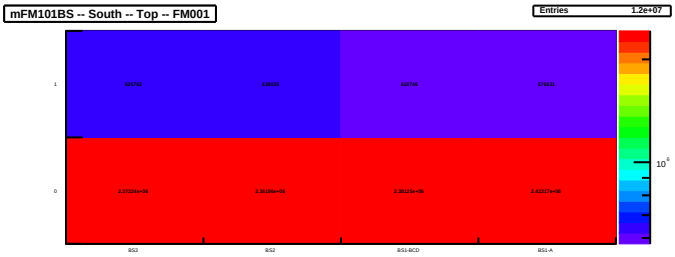

FM008
Entries 2.399999e+07
Sum
chn

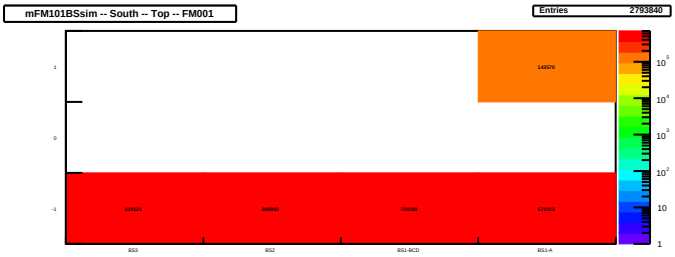

FM009
Entries 2.399999e+07
Sum
chn

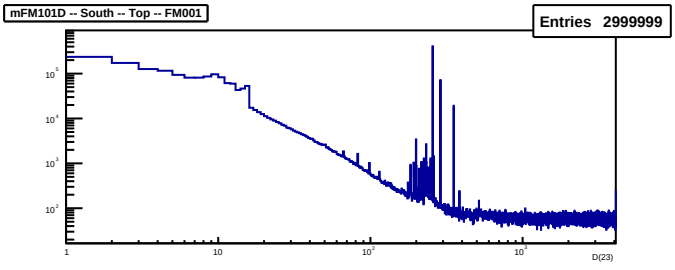

FM010
Entries 2.399999e+07
Sum
chn

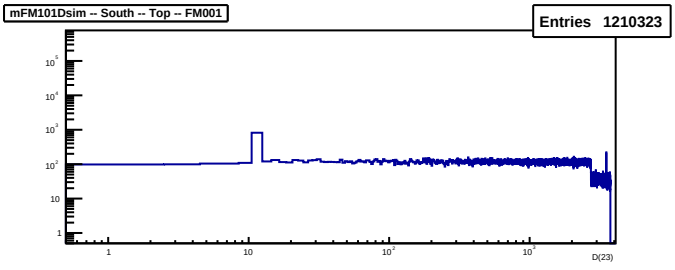

FM011
Entries 2.399999e+07
Sum
chn

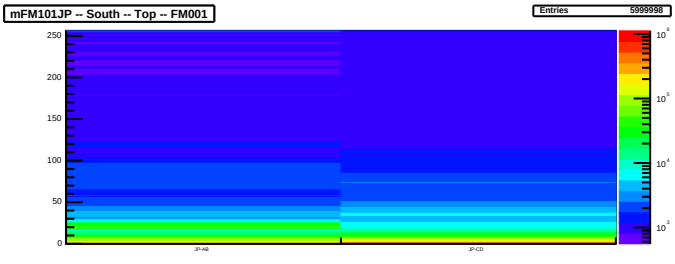

FM012
Entries 2.399999e+07
Sum
chn

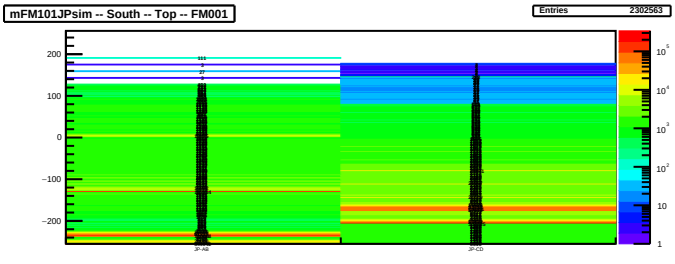

mFM101BS -- South -- Top -- FM001
Entries 1.2e+07

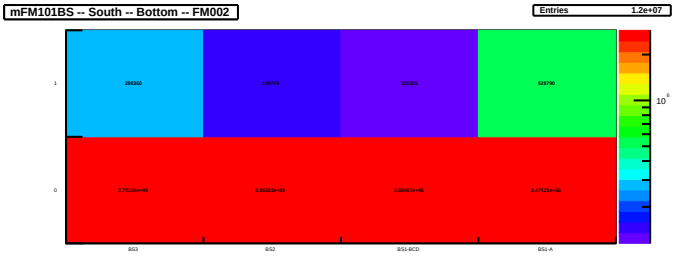

mFM101BSsim -- South -- Top -- FM001
Entries 2793840

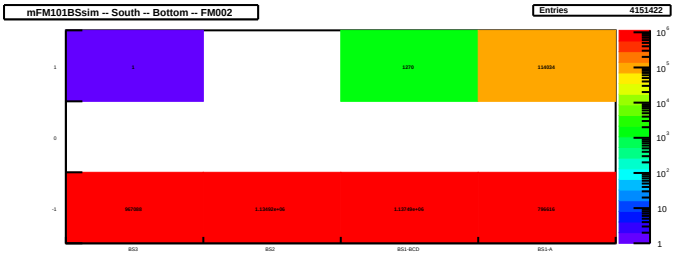

mFM101D -- South -- Top -- FM001
Entries 2999999
D(23)

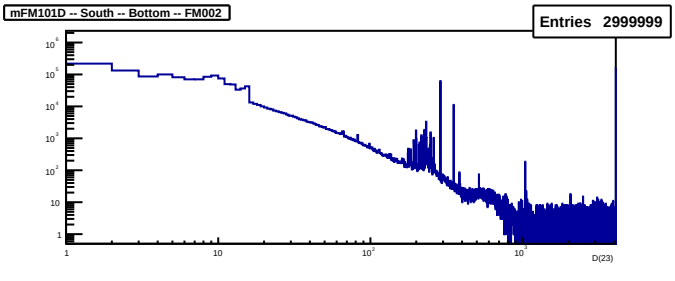

mFM101Dsim -- South -- Top -- FM001
Entries 1210323
D(23)

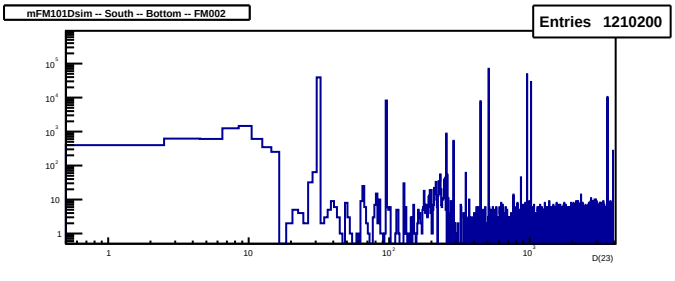

mFM101JP -- South -- Top -- FM001
Entries 5999998

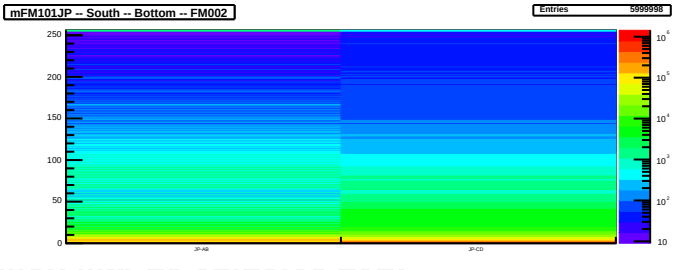

mFM101JPsim -- South -- Top -- FM001
Entries 2302563

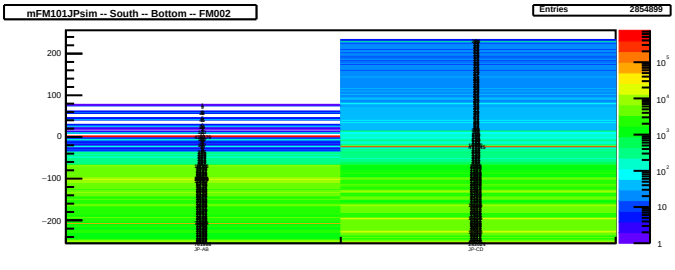

mFM101BS -- South -- Bottom -- FM002
Entries 1.2e+07


mFM101BSsim -- South -- Bottom -- FM002
Entries 4151422

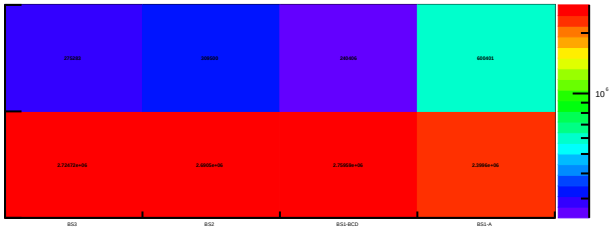

mFM101D -- South -- Bottom -- FM002
Entries 2999999
D(23)


mFM101Dsim -- South -- Bottom -- FM002
Entries 1210200
D(23)

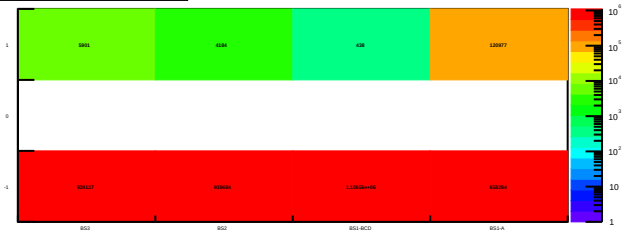

mFM101JP -- South -- Bottom -- FM002
Entries 5999998


mFM101JPsim -- South -- Bottom -- FM002
Entries 2854899

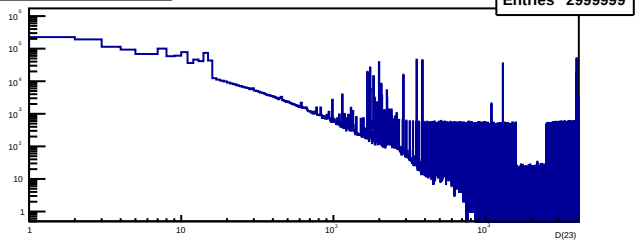
mFM102BS -- North -- Top -- FM003



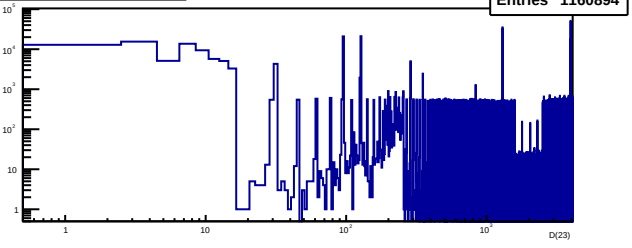
mFM102BSsim -- North -- Top -- FM003



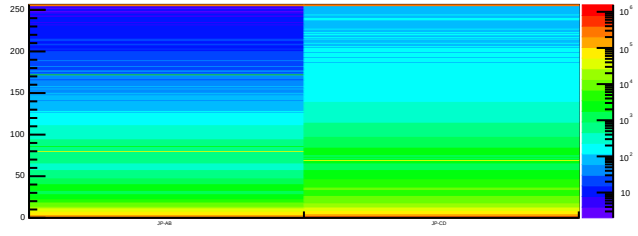
mFM102D -- South -- Top -- FM003



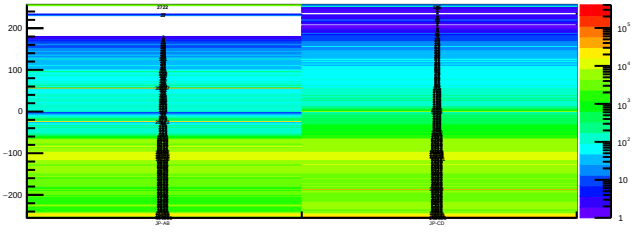
mFM102Dsim -- South -- Top -- FM003



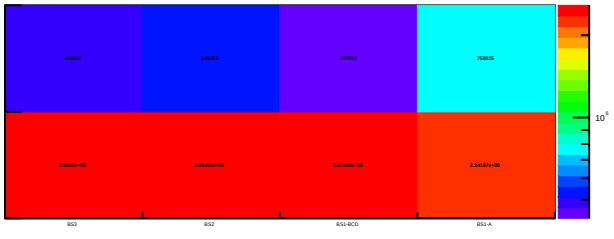
mFM102JP -- South -- Top -- FM003



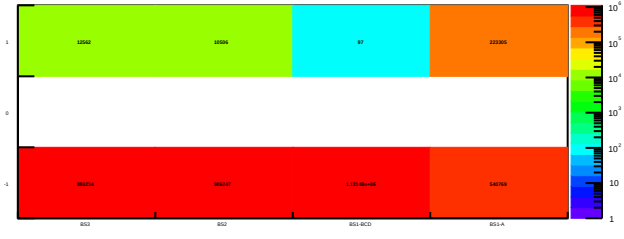
mFM102JPsim -- South -- Top -- FM003



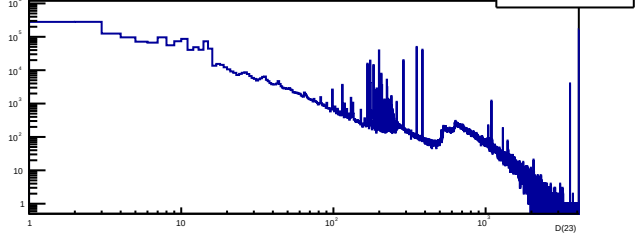
mFM102BS -- North -- Bottom -- FM004



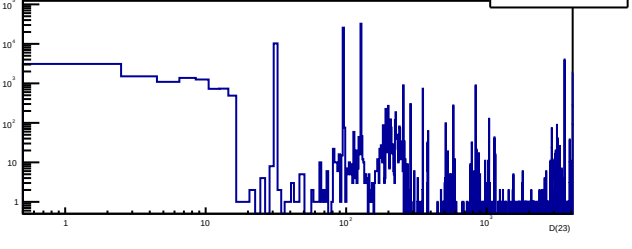
mFM102BSsim -- North -- Bottom -- FM004



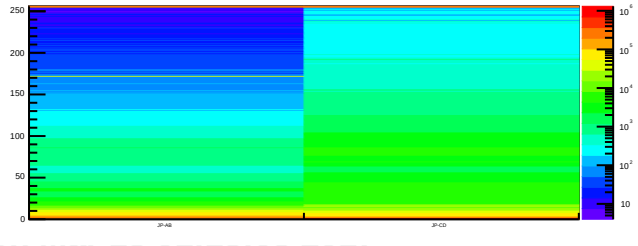
mFM102D -- South -- Bottom -- FM004



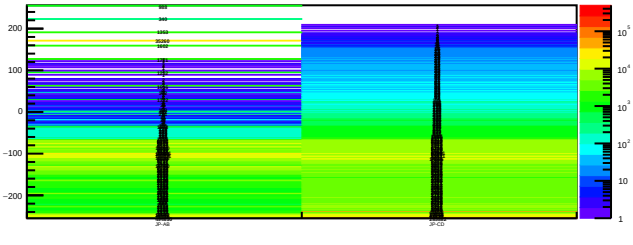
mFM102Dsim -- South -- Bottom -- FM004

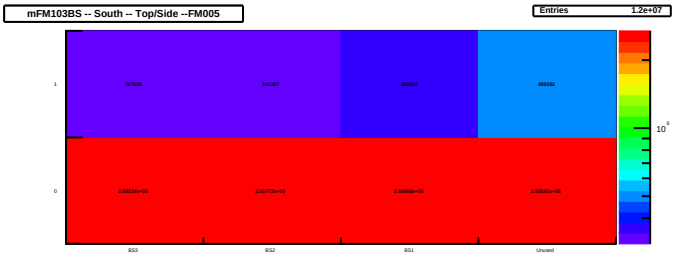


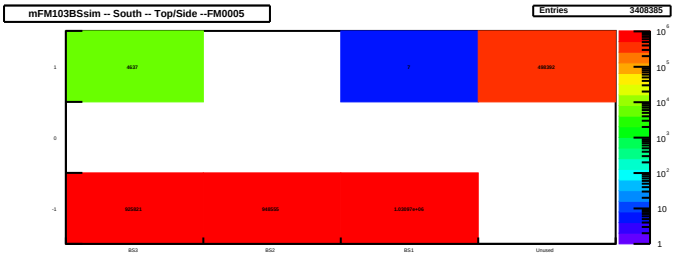
mFM102JP -- South -- Bottom -- FM004

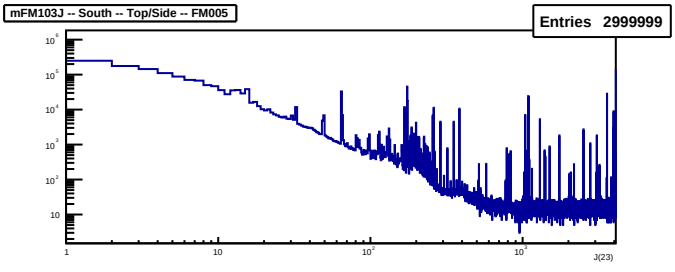


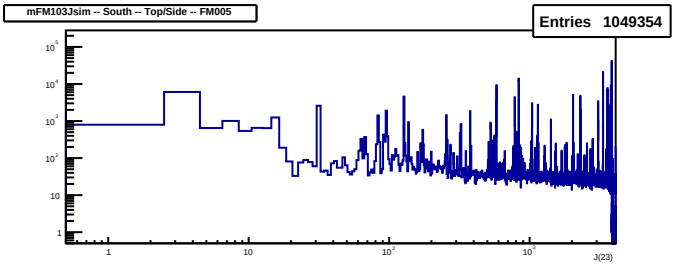
mFM102JPsim -- South -- Bottom -- FM004

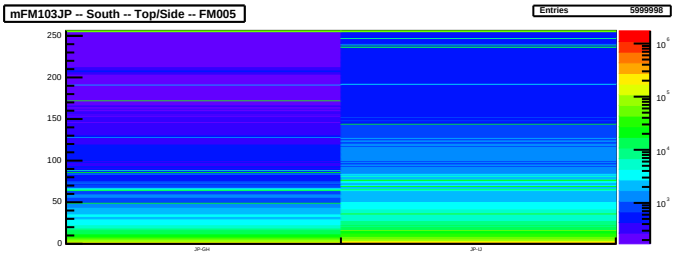


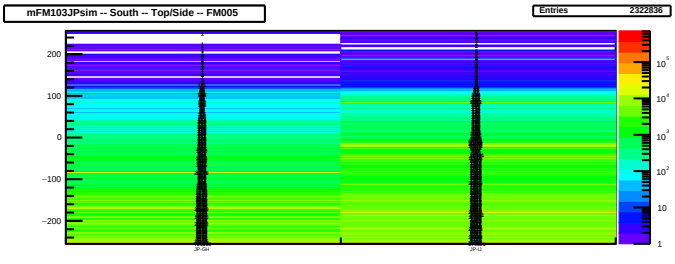

mFM103BS -- South -- Top/Side --FM005
Entries 1.2e+07

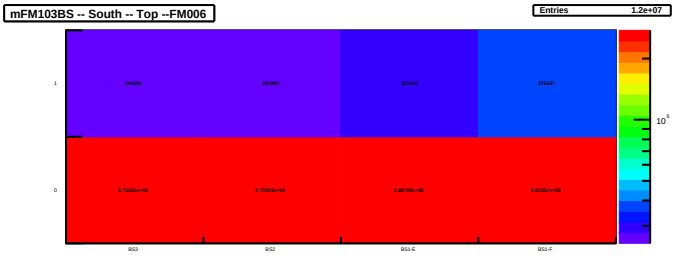

mFM103BSsim -- South -- Top/Side --FM0005
Entries 3408385

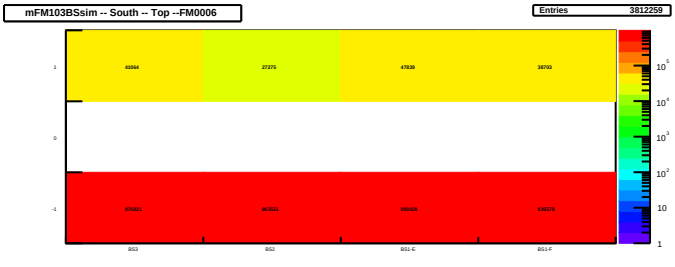

mFM103J -- South -- Top/Side -- FM005
Entries 2999999
J(23)

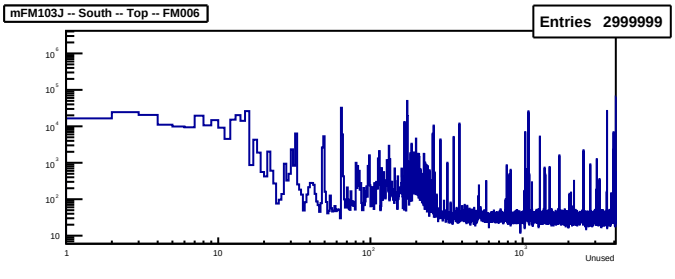

mFM103Jsim -- South -- Top/Side -- FM005
Entries 1049354
J(23)

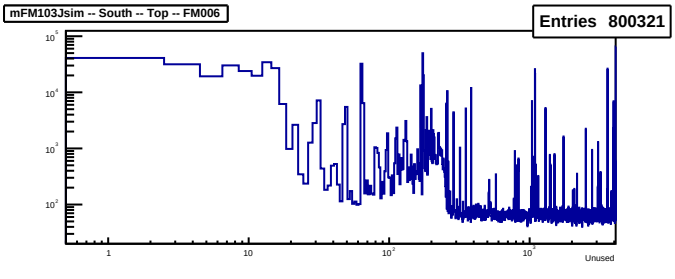

mFM103JP -- South -- Top/Side -- FM005
Entries 5999998

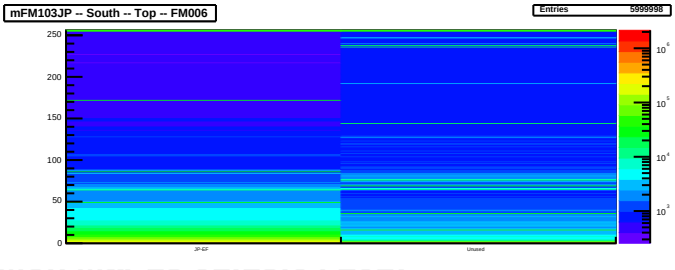

mFM103JPsim -- South -- Top/Side -- FM005
Entries 2322836

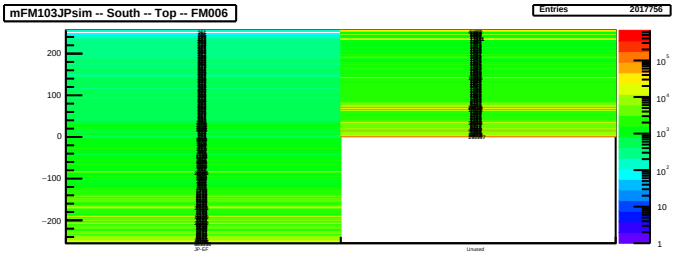

mFM103BS -- South -- Top --FM006
Entries 1.2e+07

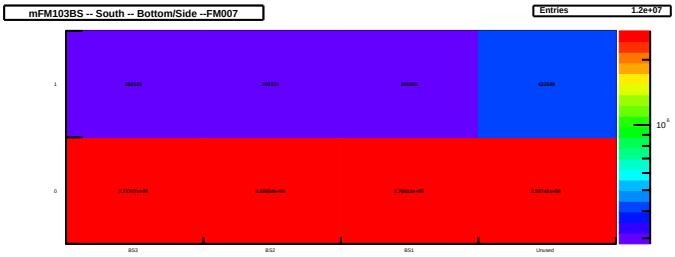

mFM103BSsim -- South -- Top --FM0006
Entries 3812259

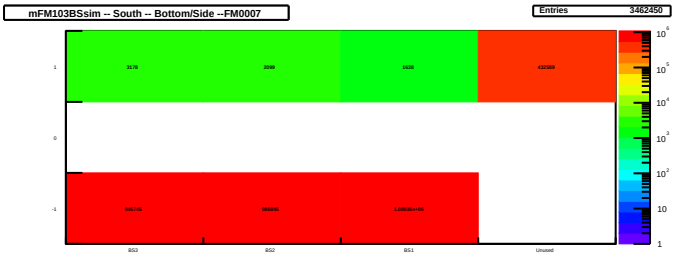

mFM103J -- South -- Top -- FM006
Entries 2999999
Unused

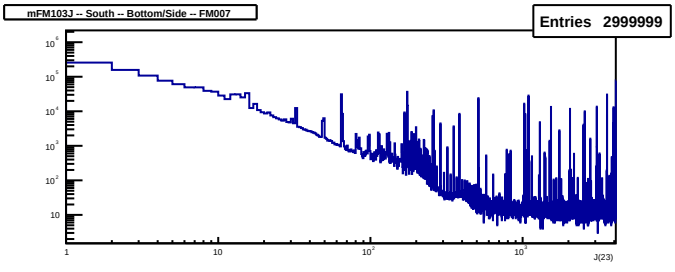

mFM103Jsim -- South -- Top -- FM006
Entries 800321
Unused

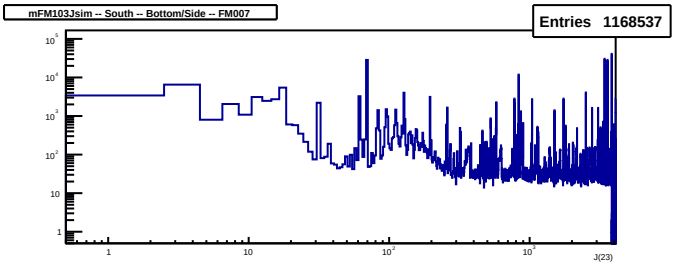

mFM103JP -- South -- Top -- FM006
Entries 5999998

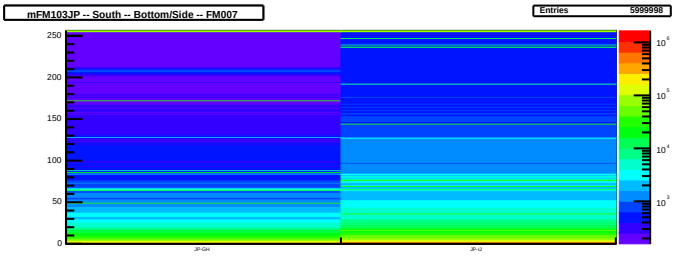

mFM103JPsim -- South -- Top -- FM006
Entries 2017756

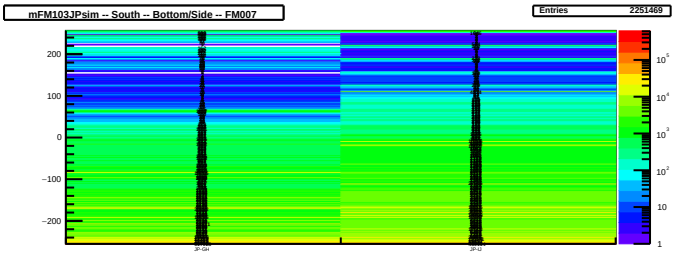

mFM103BS -- South -- Bottom/Side --FM007
Entries 1.2e+07

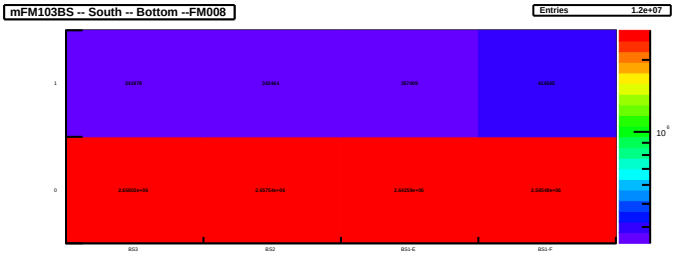

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 3462450

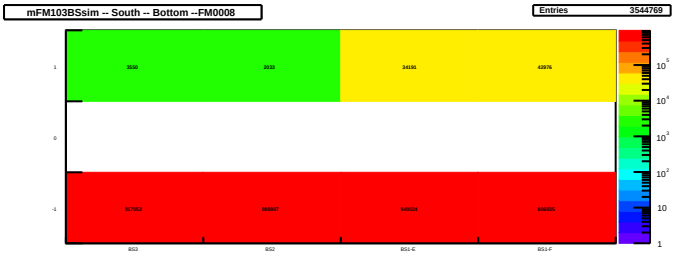

mFM103J -- South -- Bottom/Side -- FM007
Entries 2999999
J(23)

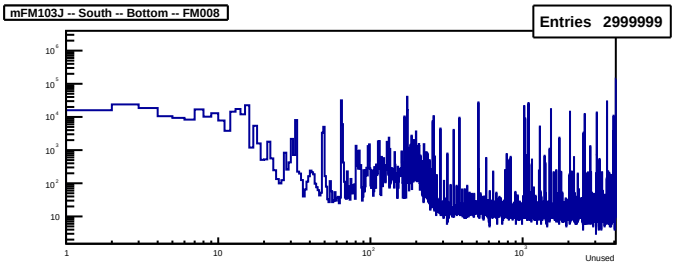

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 1168537
J(23)

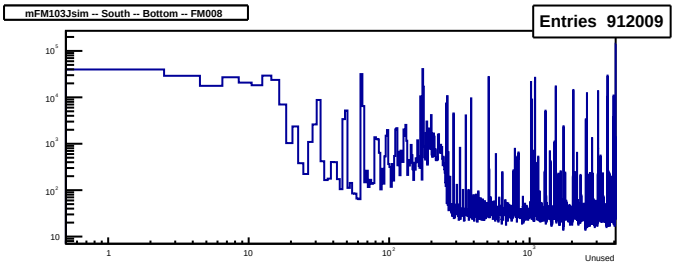

mFM103JP -- South -- Bottom/Side -- FM007
Entries 5999998

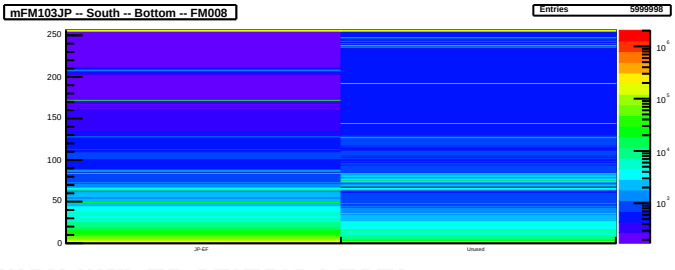

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 2251469

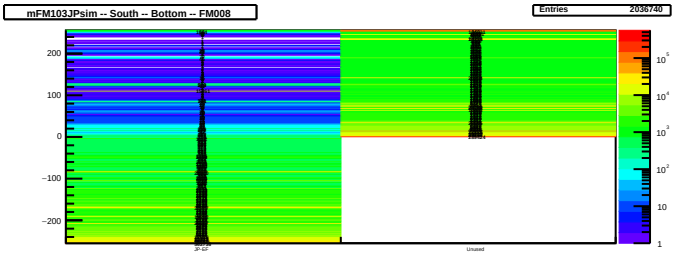

mFM103BS -- South -- Bottom --FM008
Entries 1.2e+07

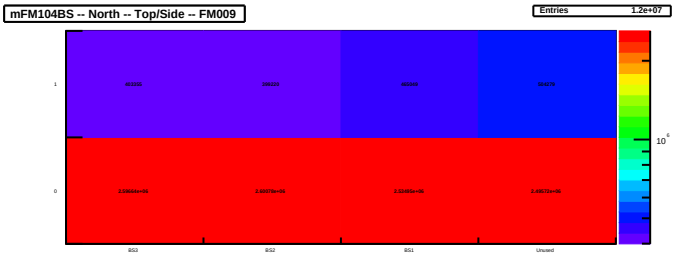

mFM103BSsim -- South -- Bottom --FM0008
Entries 3544769

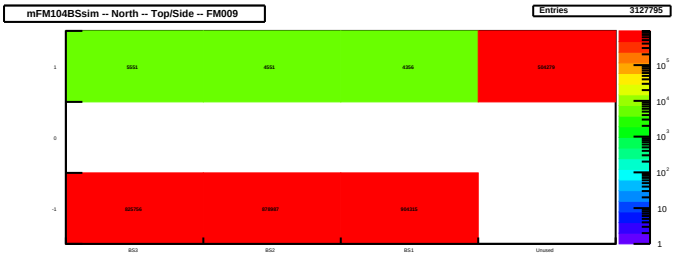

mFM103J -- South -- Bottom -- FM008
Entries 2999999
Unused

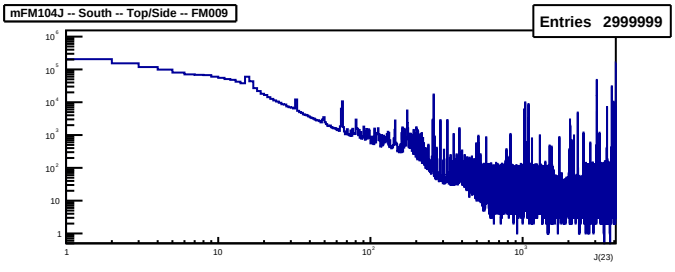

mFM103Jsim -- South -- Bottom -- FM008
Entries 912009
Unused

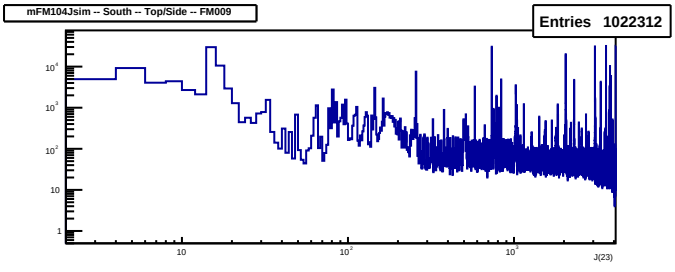

mFM103JP -- South -- Bottom -- FM008
Entries 5999998

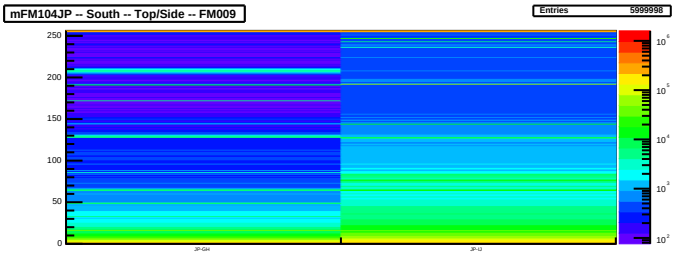

mFM103JPsim -- South -- Bottom -- FM008
Entries 2036740

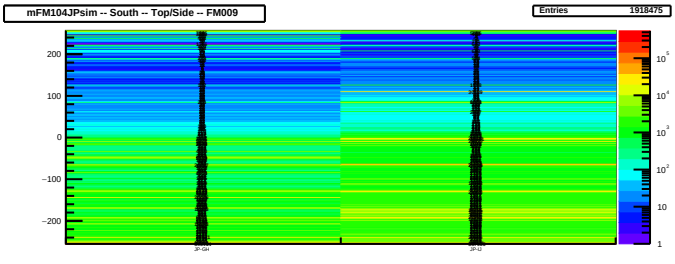

mFM104BS -- North -- Top/Side -- FM009
Entries 1.2e+07

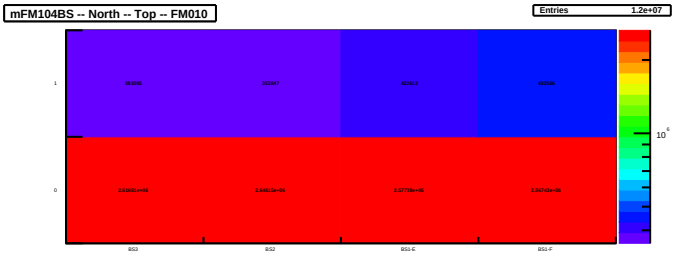

mFM104BSsim -- North -- Top/Side -- FM009
Entries 3127795

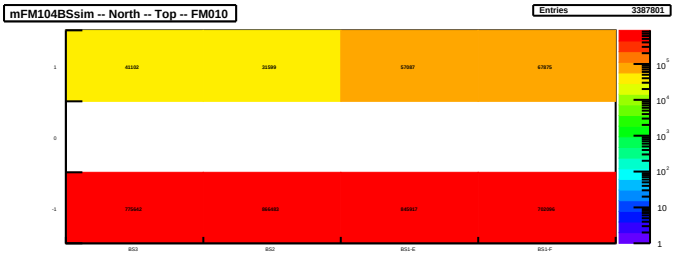

mFM104J -- South -- Top/Side -- FM009
Entries 2999999
J(23)

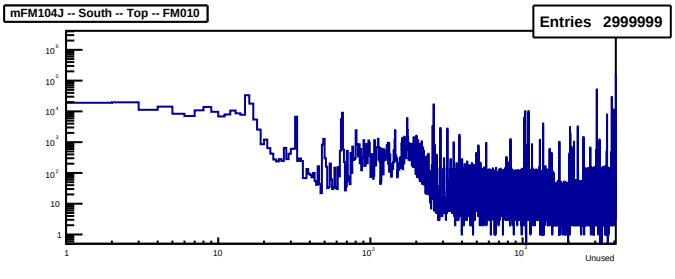

mFM104Jsim -- South -- Top/Side -- FM009
Entries 1022312
J(23)

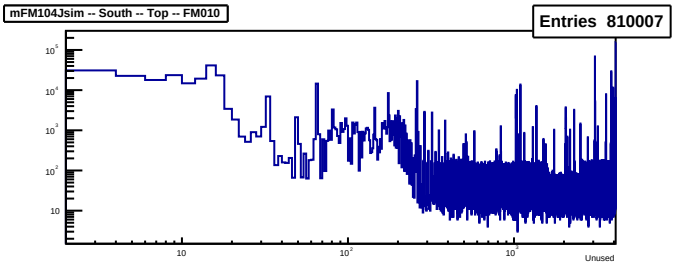

mFM104JP -- South -- Top/Side -- FM009
Entries 5999998

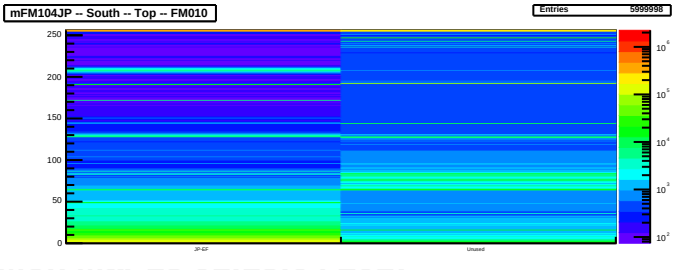

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1918475

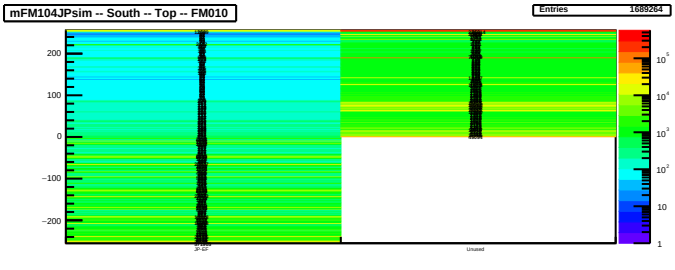

mFM104BS -- North -- Top -- FM010
Entries 1.2e+07

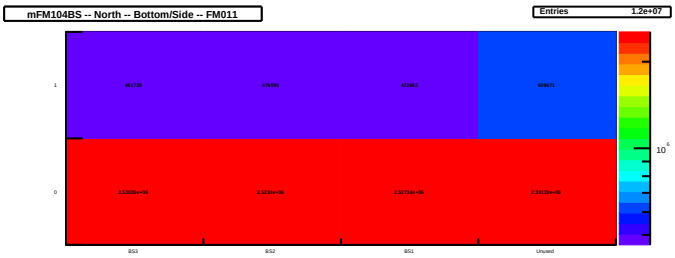

mFM104BSsim -- North -- Top -- FM010
Entries 3387801

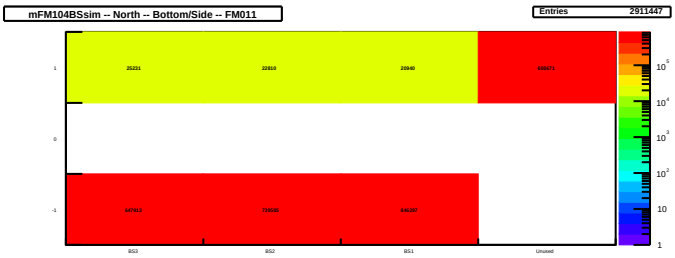

mFM104J -- South -- Top -- FM010
Entries 2999999
Unused

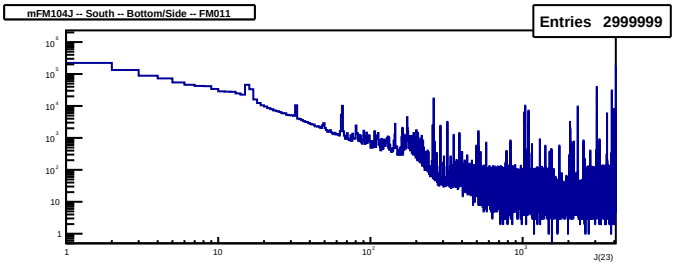

mFM104Jsim -- South -- Top -- FM010
Entries 810007
Unused

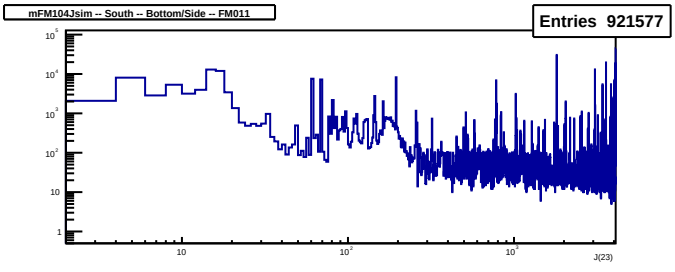

mFM104JP -- South -- Top -- FM010
Entries 5999998

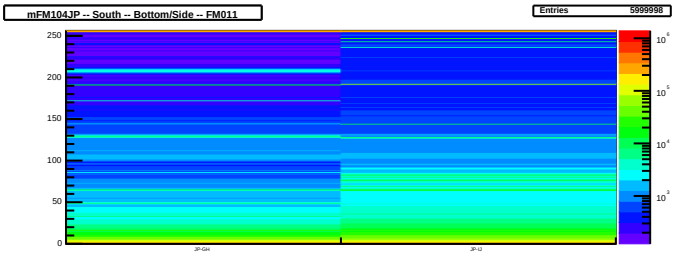

mFM104JPsim -- South -- Top -- FM010
Entries 1689264

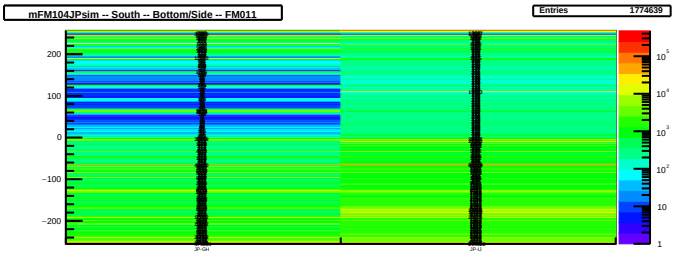

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.2e+07

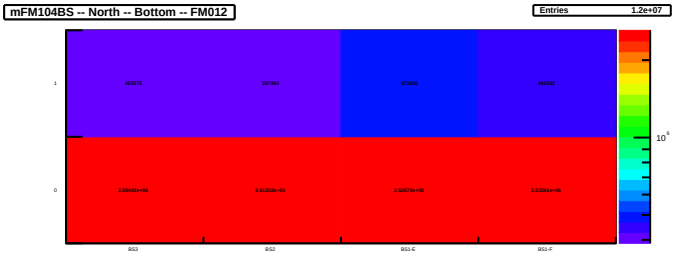

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2911447

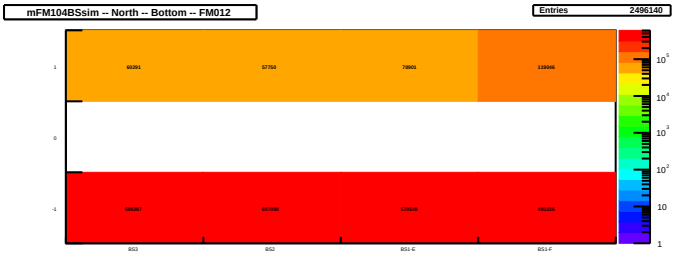

mFM104J -- South -- Bottom/Side -- FM011
Entries 2999999
J(23)

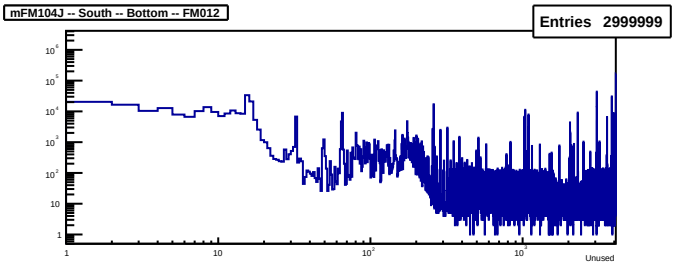

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 921577
J(23)

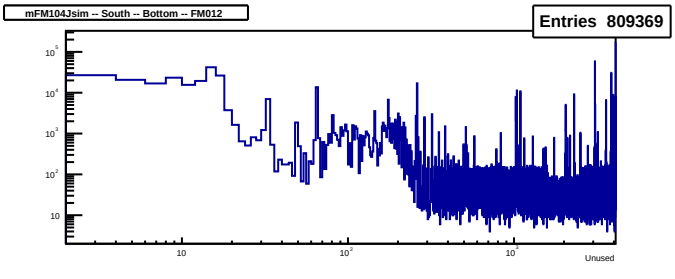

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5999998

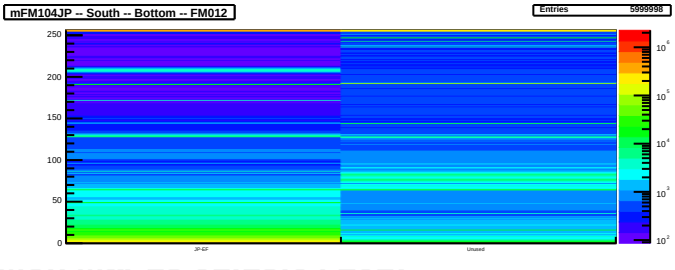

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1774639

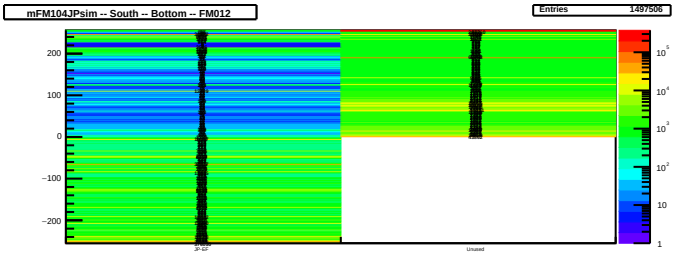

mFM104BS -- North -- Bottom -- FM012
Entries 1.2e+07

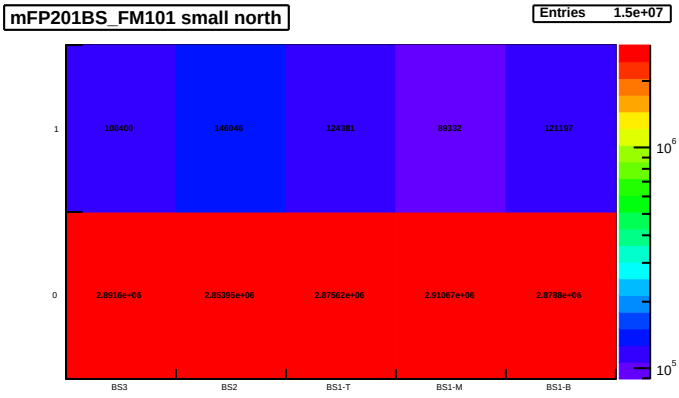

mFM104BSsim -- North -- Bottom -- FM012
Entries 2496140

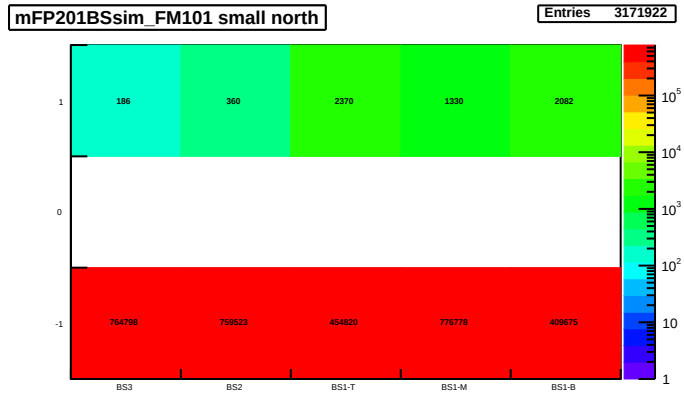

mFM104J -- South -- Bottom -- FM012
Entries 2999999
Unused

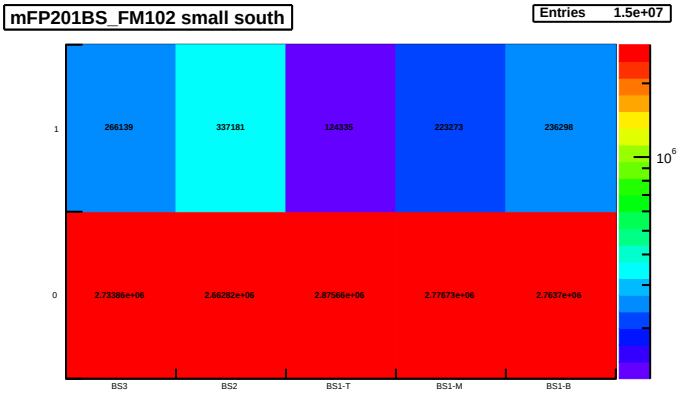

mFM104Jsim -- South -- Bottom -- FM012
Entries 809369
Unused

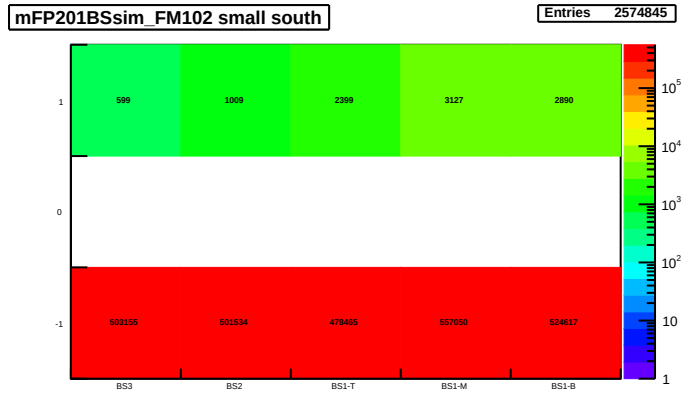

mFM104JP -- South -- Bottom -- FM012
Entries 5999998

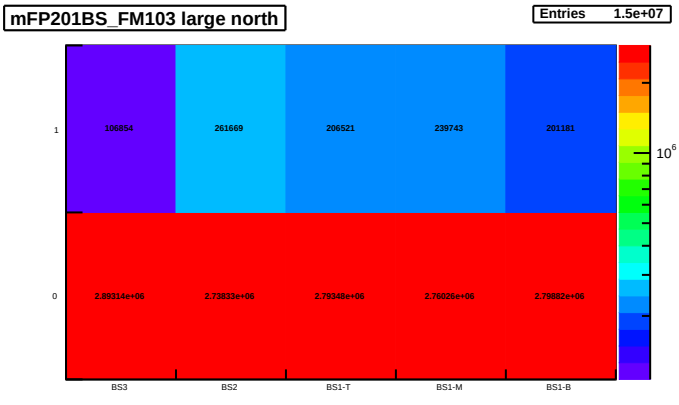

mFM104JPsim -- South -- Bottom -- FM012
Entries 1497506

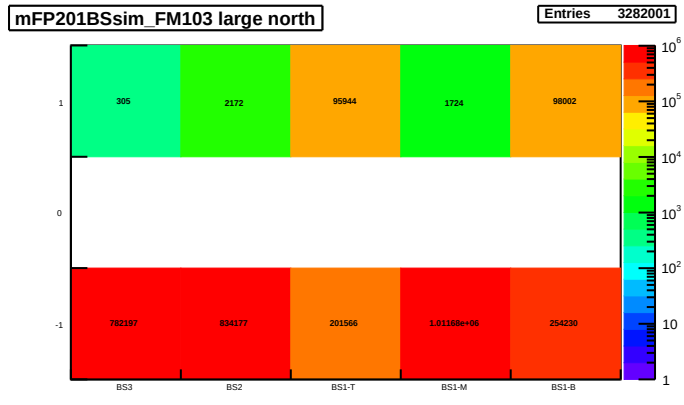

mFP201BS_FM101 small north
Entries 1.5e+07
108400
146046
124381
89332
121197
2.8916e+06
2.85395e+06
2.87562e+06
2.91067e+06
2.8788e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

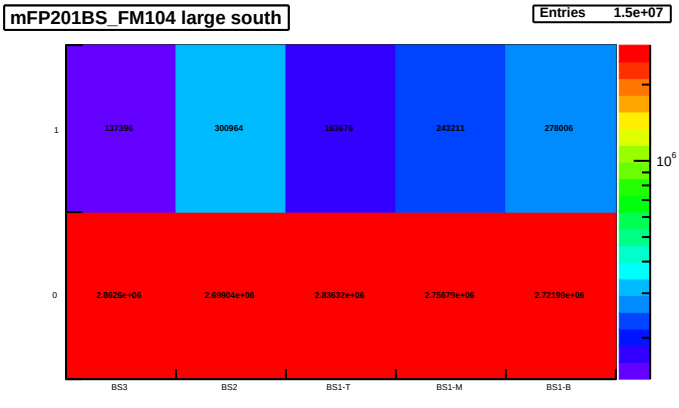

mFP201BSsim_FM101 small north
Entries 3171922
186
360
2370
1330
2082
764798
759523
454820
776778
409675
BS3
BS2
BS1-T
BS1-M
BS1-B

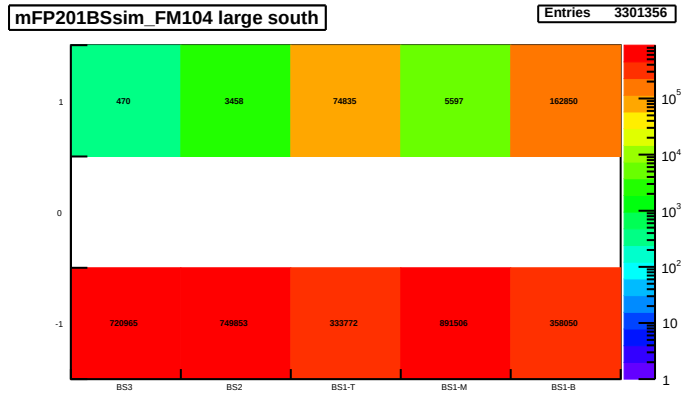

mFP201BS_FM102 small south
Entries 1.5e+07
266139
337181
124335
223273
236298
2.73386e+06
2.66282e+06
2.87566e+06
2.77673e+06
2.7637e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

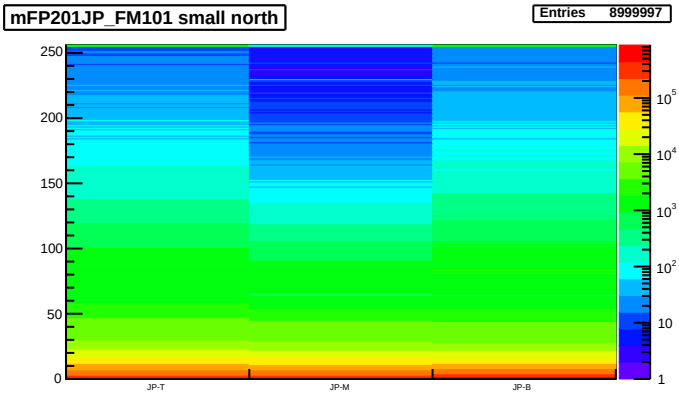

mFP201BSsim_FM102 small south
Entries 2574845
599
1009
2399
3127
2890
503155
501534
478465
557050
524617
BS3
BS2
BS1-T
BS1-M
BS1-B

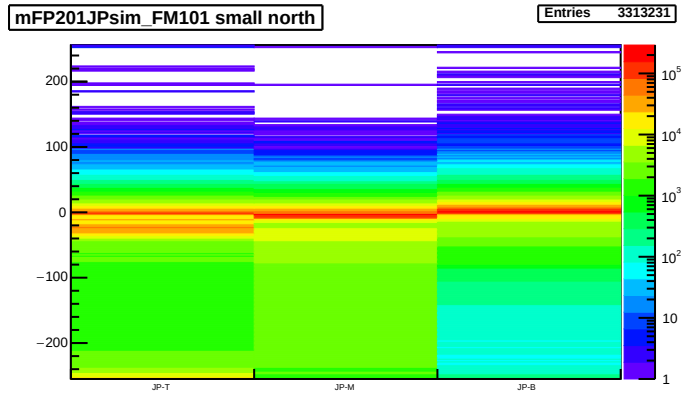

mFP201BS_FM103 large north
Entries 1.5e+07
106854
261669
206521
239743
201181
2.89314e+06
2.73833e+06
2.79348e+06
2.76026e+06
2.79882e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

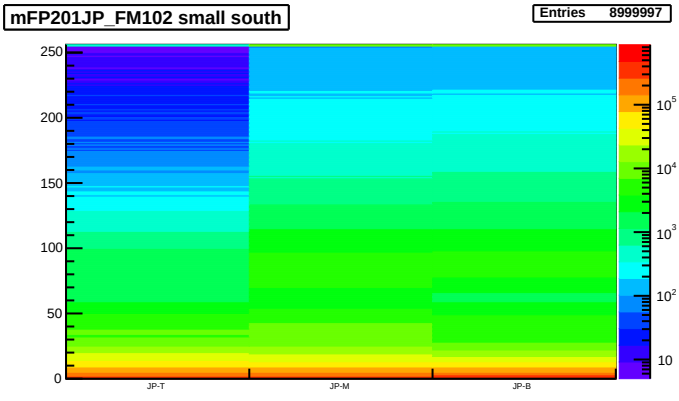

mFP201BSsim_FM103 large north
Entries 3282001
305
2172
95944
1724
98002
782197
834177
201566
1.01168e+06
254230
BS3
BS2
BS1-T
BS1-M
BS1-B

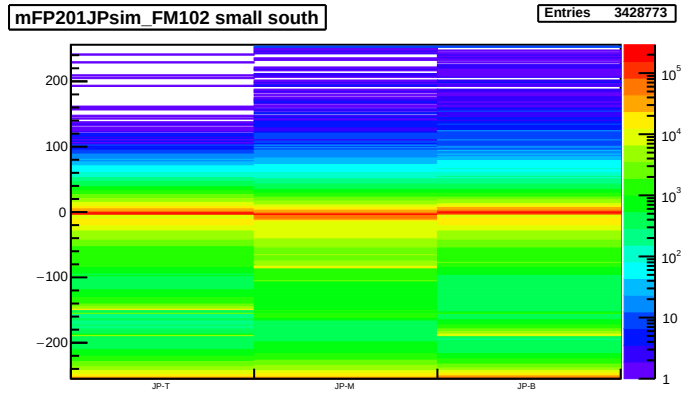

mFP201BS_FM104 large south
Entries 1.5e+07
137396
300964
163676
243211
278006
2.8626e+06
2.69904e+06
2.83632e+06
2.75679e+06
2.72199e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

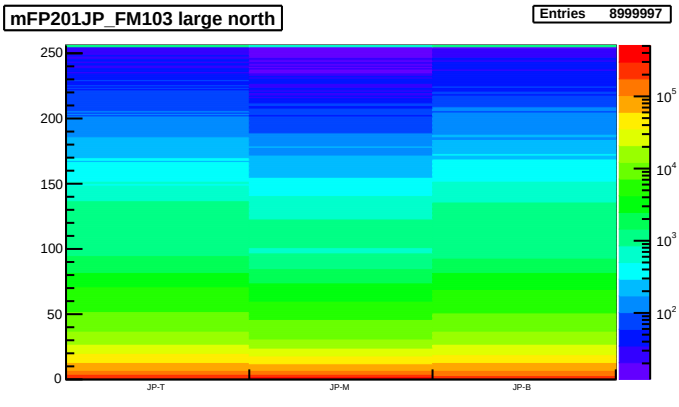

mFP201BSsim_FM104 large south
Entries 3301356
470
3458
74835
5597
162850
720965
749853
333772
891506
358050
BS3
BS2
BS1-T
BS1-M
BS1-B

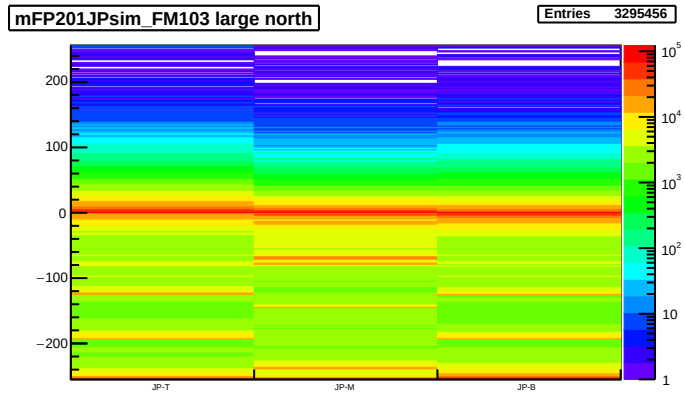

mFP201JP_FM101 small north
Entries 8999997
JP-T
JP-M
JP-B

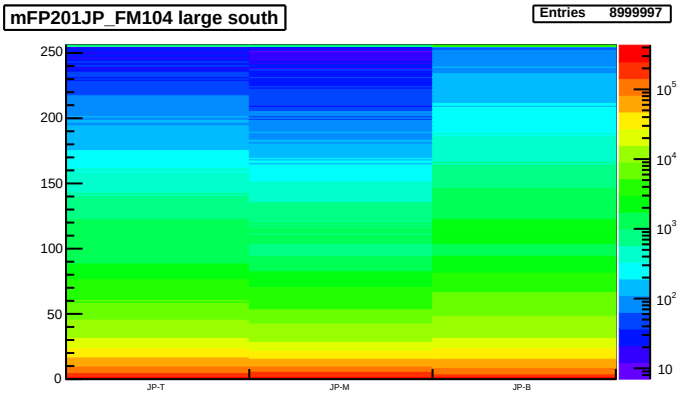

mFP201JPsim_FM101 small north
Entries 3313231
JP-T
JP-M
JP-B

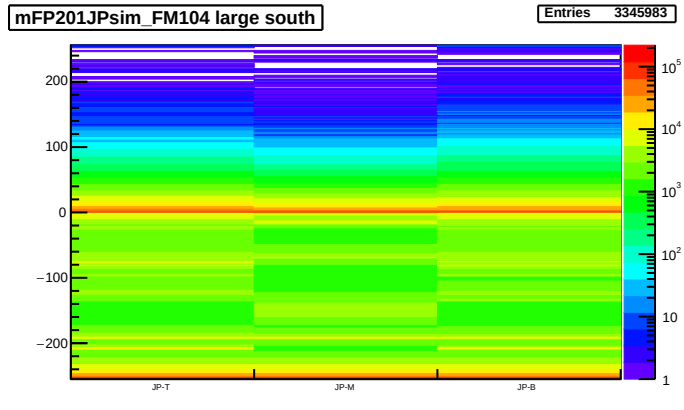

mFP201JP_FM102 small south
Entries 8999997
JP-T
JP-M
JP-B

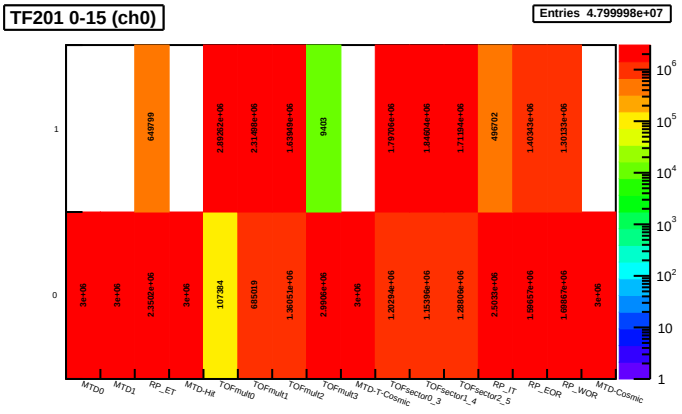

mFP201JPsim_FM102 small south
Entries 3428773
JP-T
JP-M
JP-B

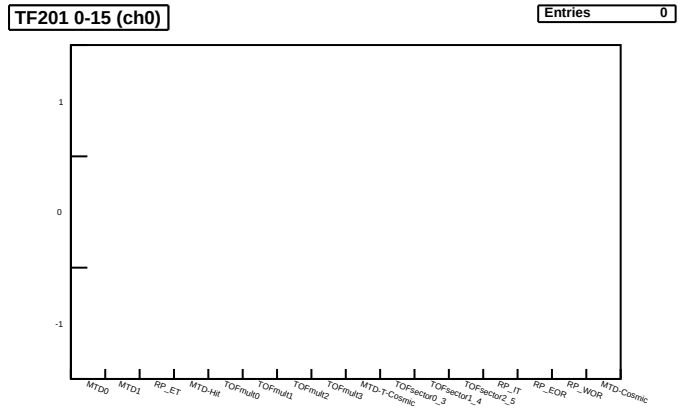

mFP201JP_FM103 large north
Entries 8999997
JP-T
JP-M
JP-B

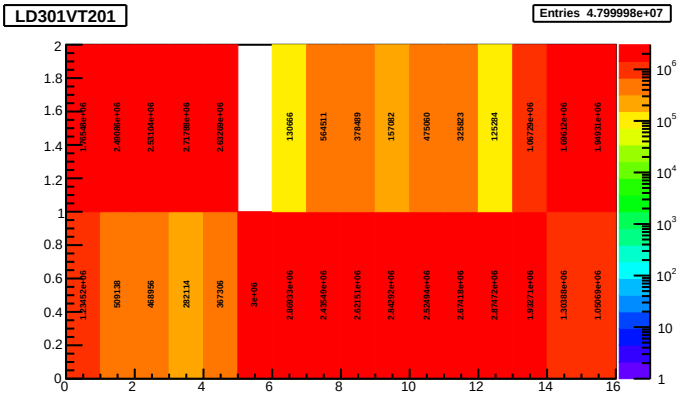

mFP201JPsim_FM103 large north
Entries 3295456
JP-T
JP-M
JP-B

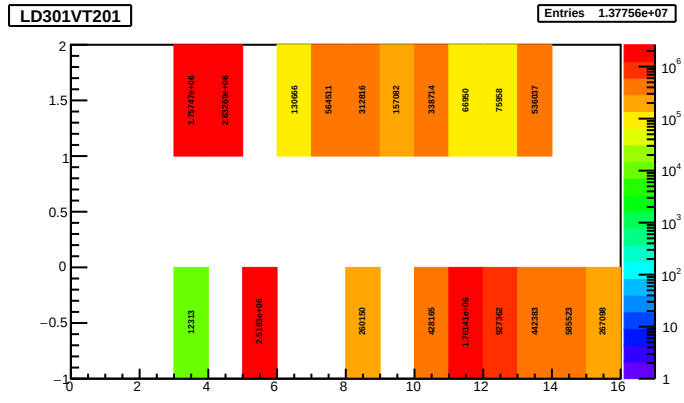

mFP201JP_FM104 large south
Entries 8999997
JP-T
JP-M
JP-B

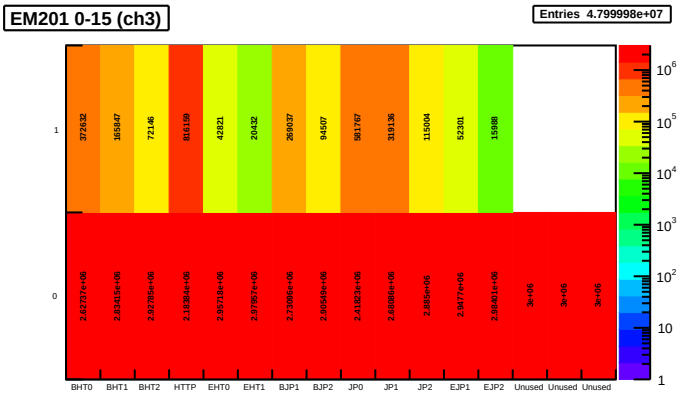

mFP201JPsim_FM104 large south
Entries 3345983
JP-T
JP-M
JP-B

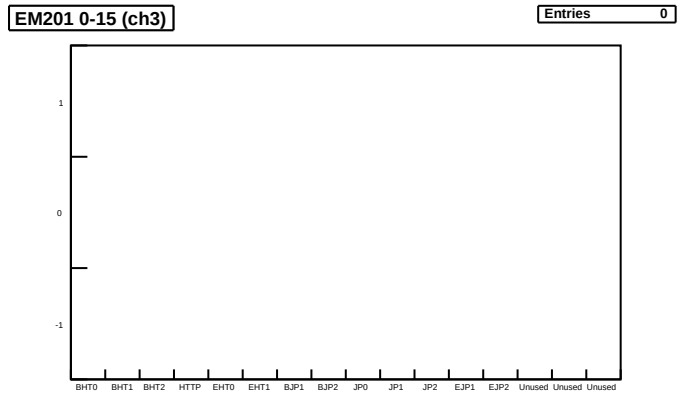

TF201 0-15 (ch0)
Entries 4.799998e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

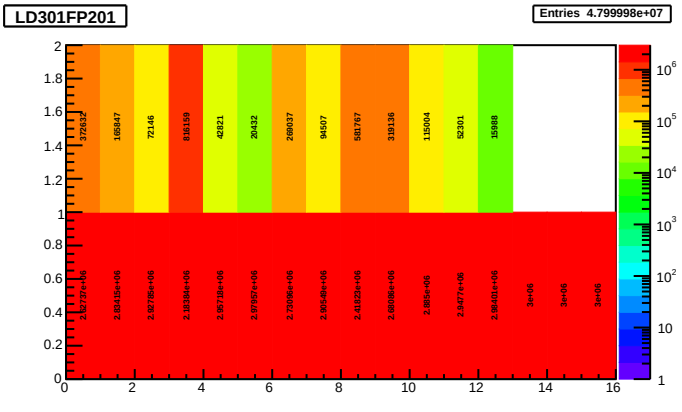

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

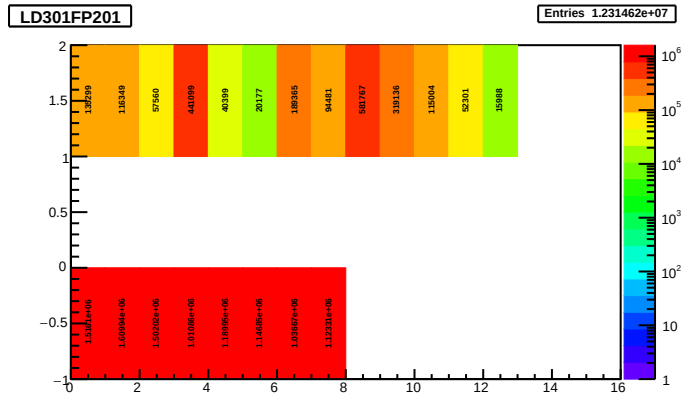

LD301VT201
Entries 4.799998e+07


LD301VT201
Entries 1.37756e+07


EM201 0-15 (ch3)
Entries 4.799998e+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 4.799998e+07


LD301FP201
Entries 1.231462e+07