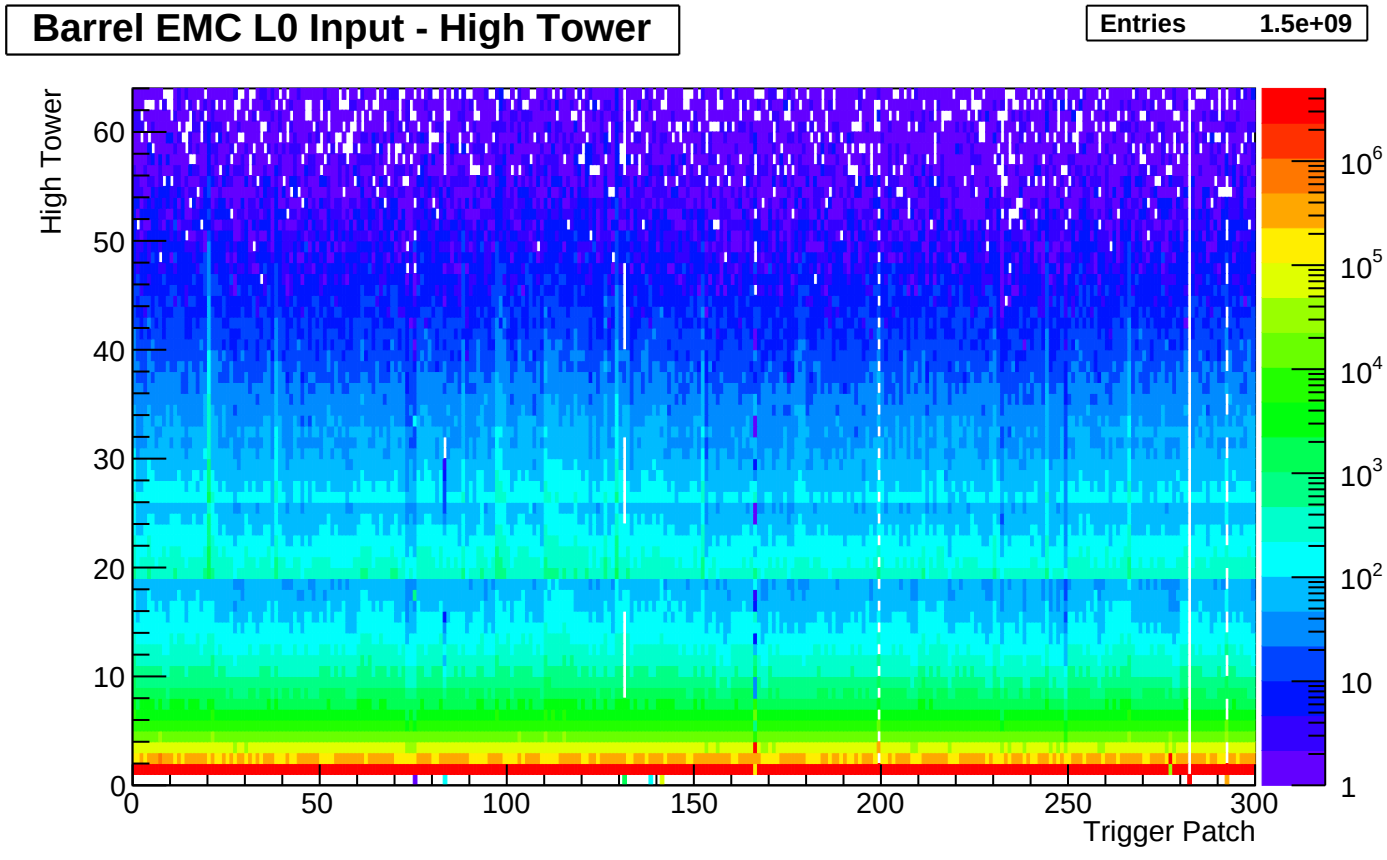
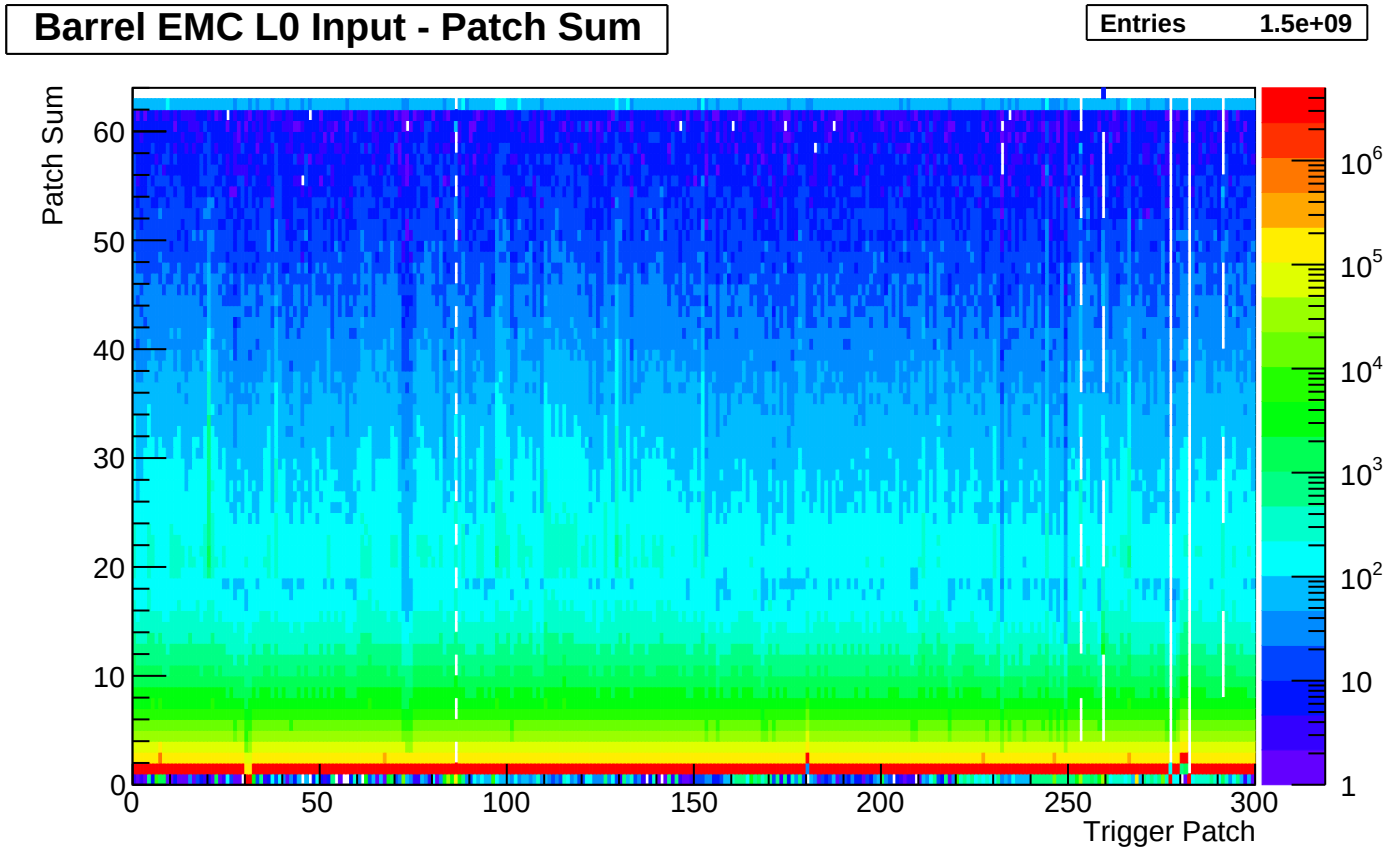
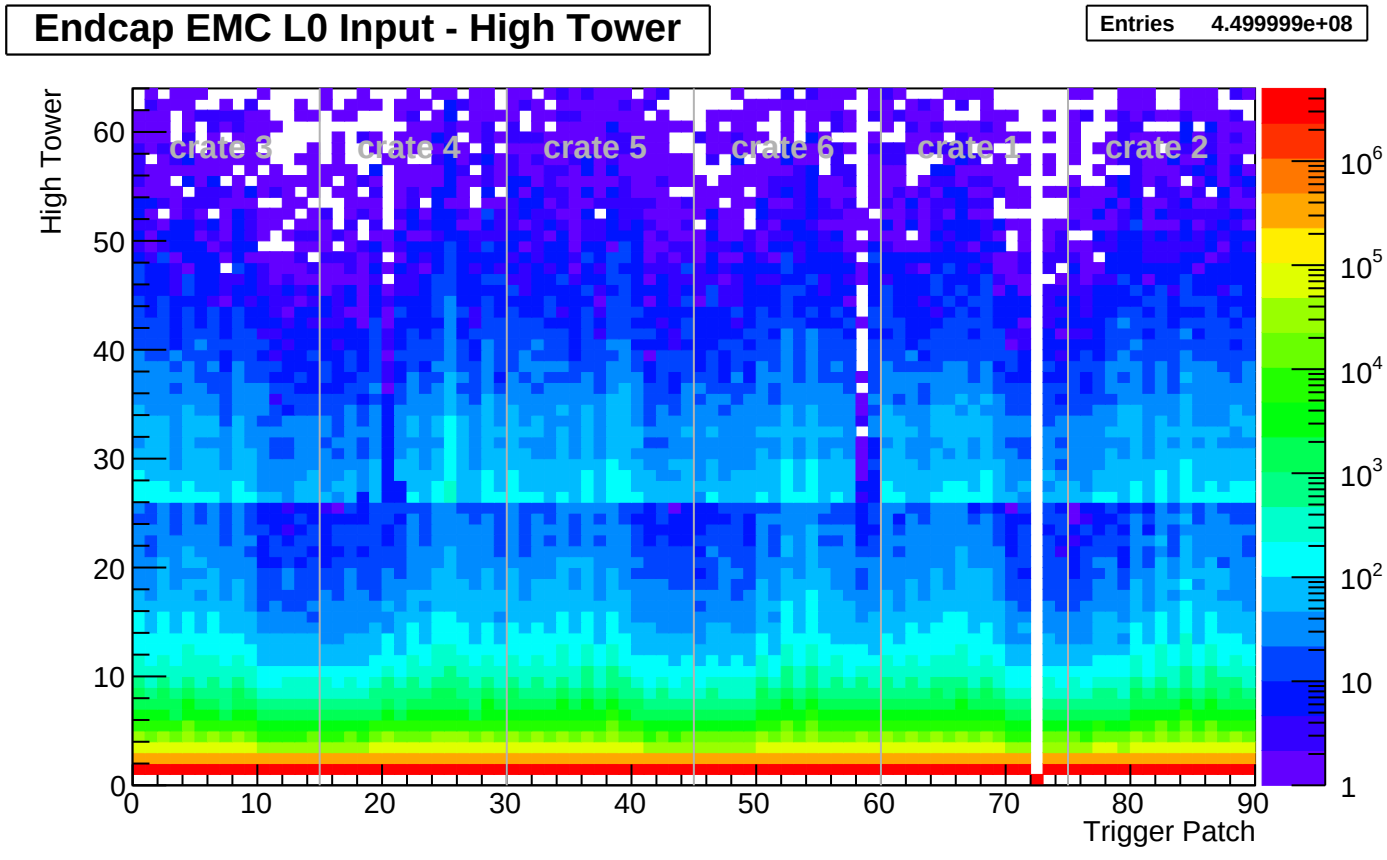
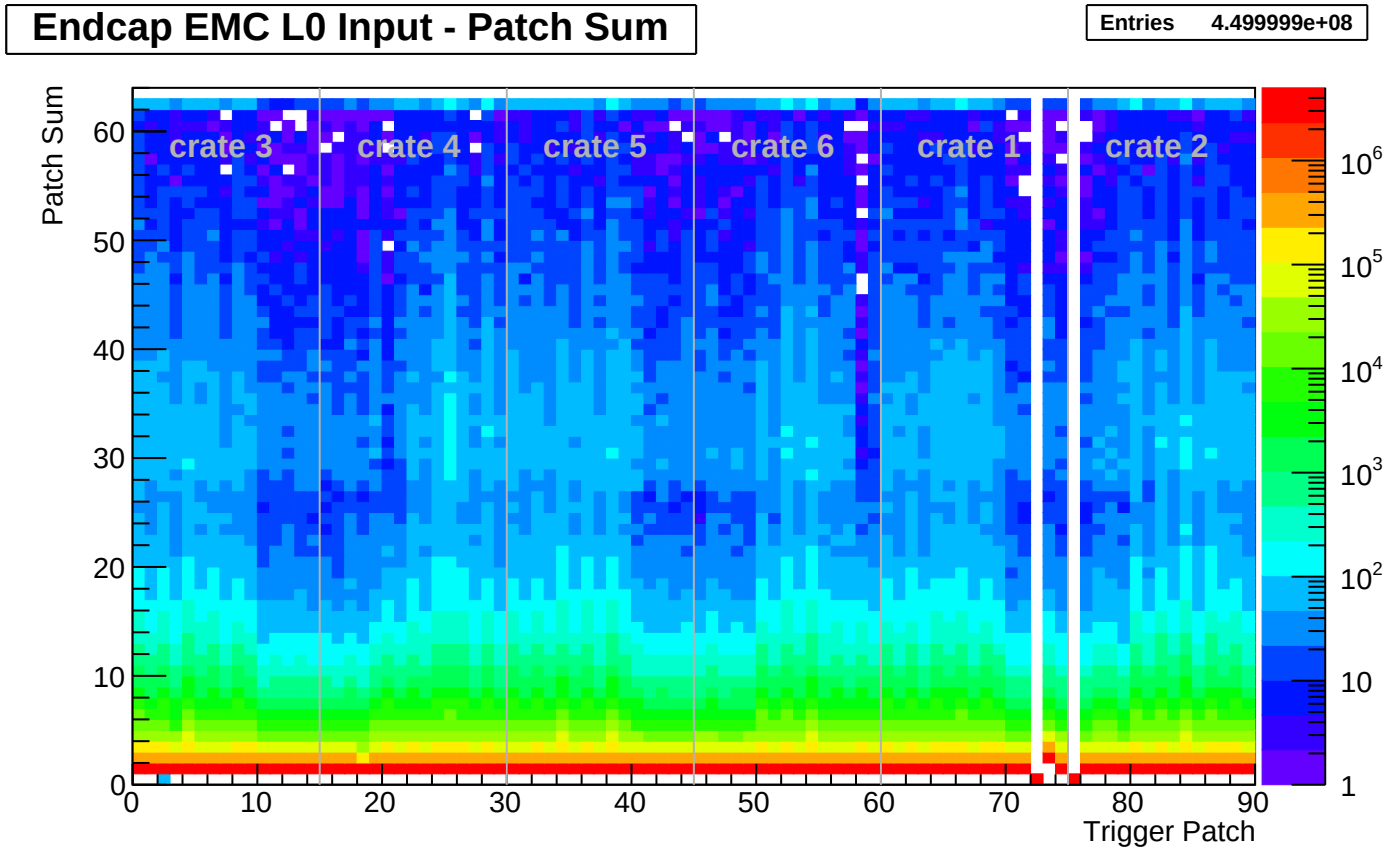
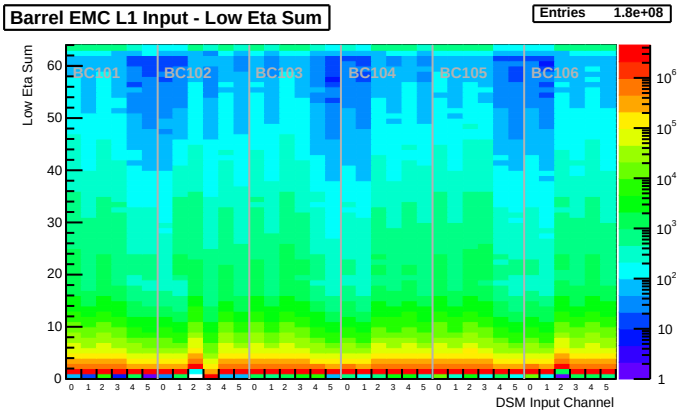
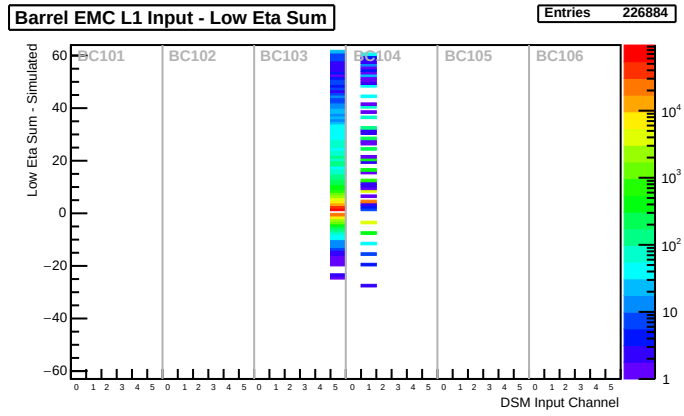

Barrel EMC L0 Input - High Tower
Entries 1.5e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

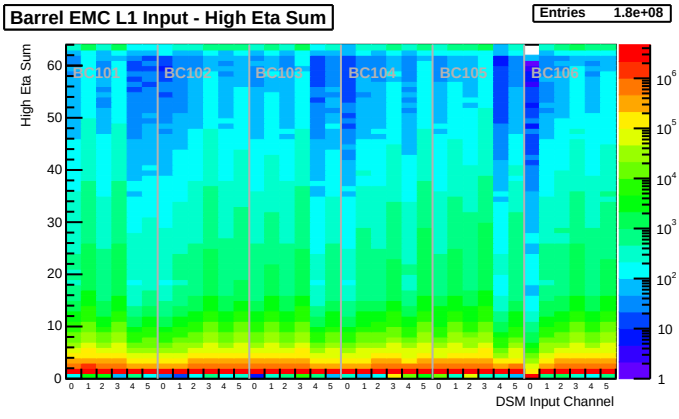

Barrel EMC L0 Input - Patch Sum
Entries 1.5e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

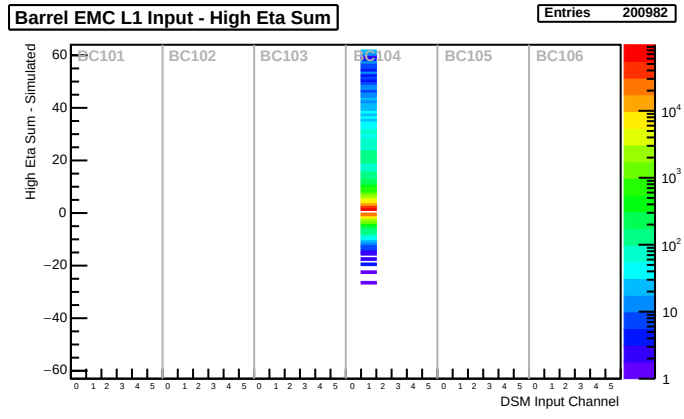

Endcap EMC L0 Input - High Tower
Entries 4.499999e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

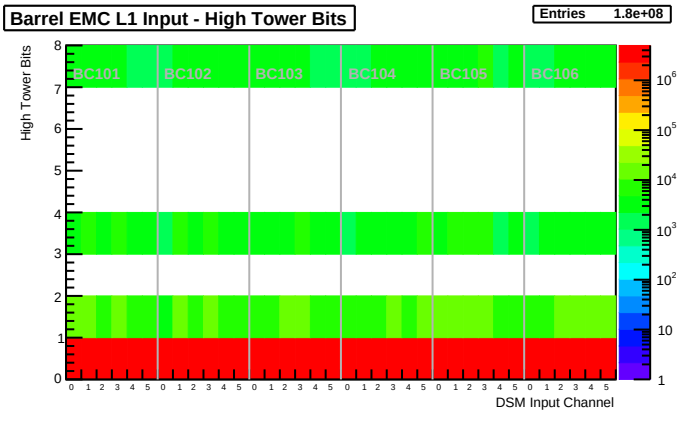

Endcap EMC L0 Input - Patch Sum
Entries 4.499999e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

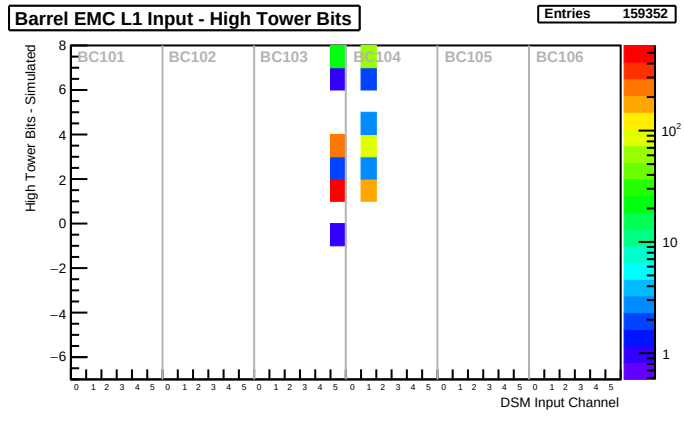

Barrel EMC L1 Input - Low Eta Sum
Entries 1.8e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

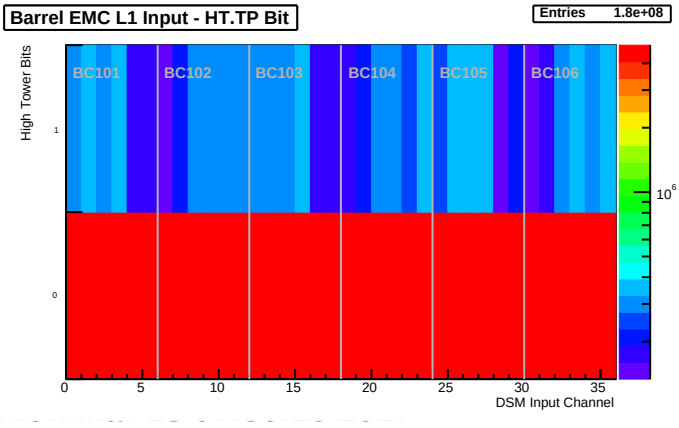

Barrel EMC L1 Input - Low Eta Sum
Entries 226884
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

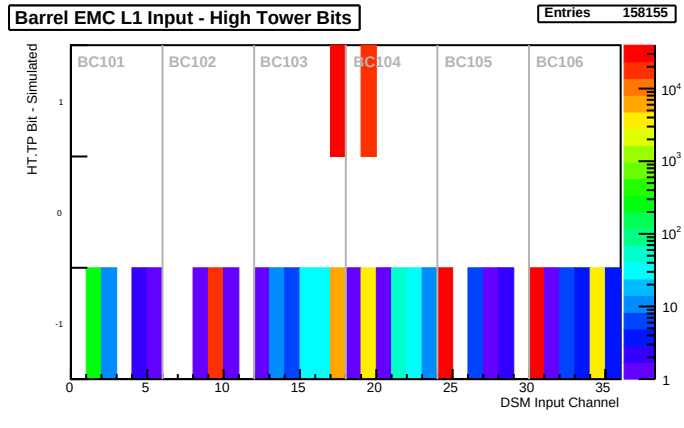

Barrel EMC L1 Input - High Eta Sum
Entries 1.8e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

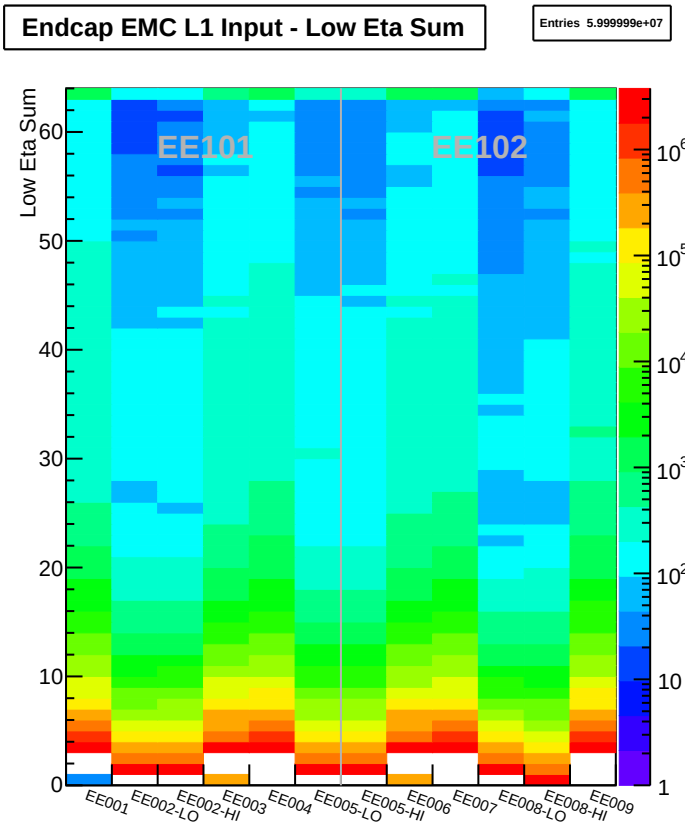

Barrel EMC L1 Input - High Eta Sum
Entries 200982
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

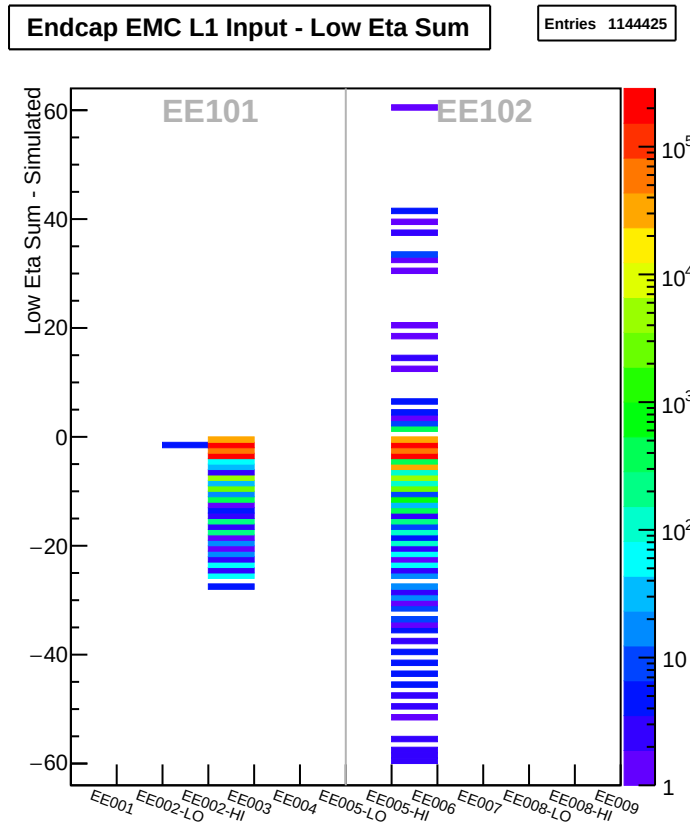

Barrel EMC L1 Input - High Tower Bits
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

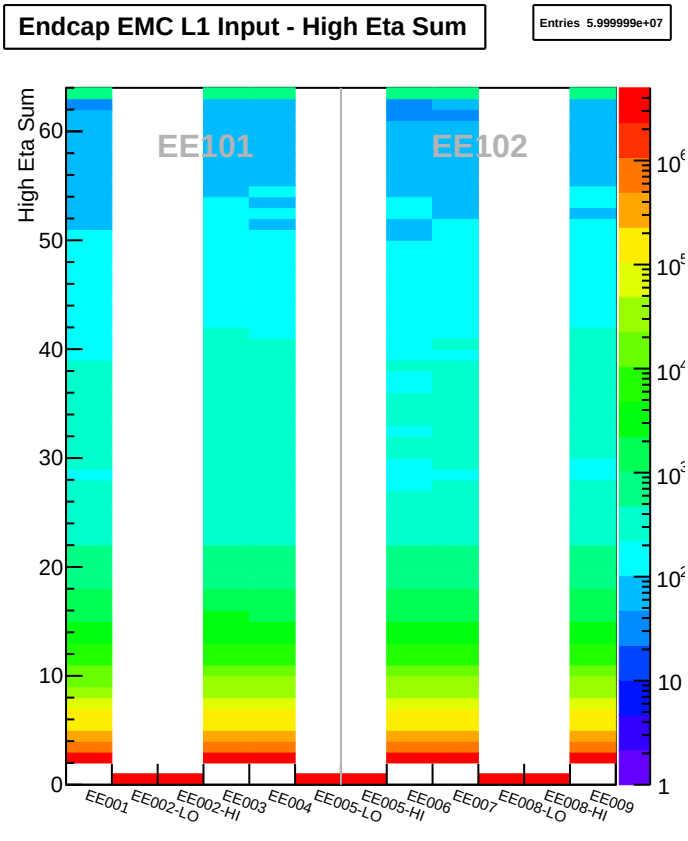

Barrel EMC L1 Input - High Tower Bits
Entries 159352
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

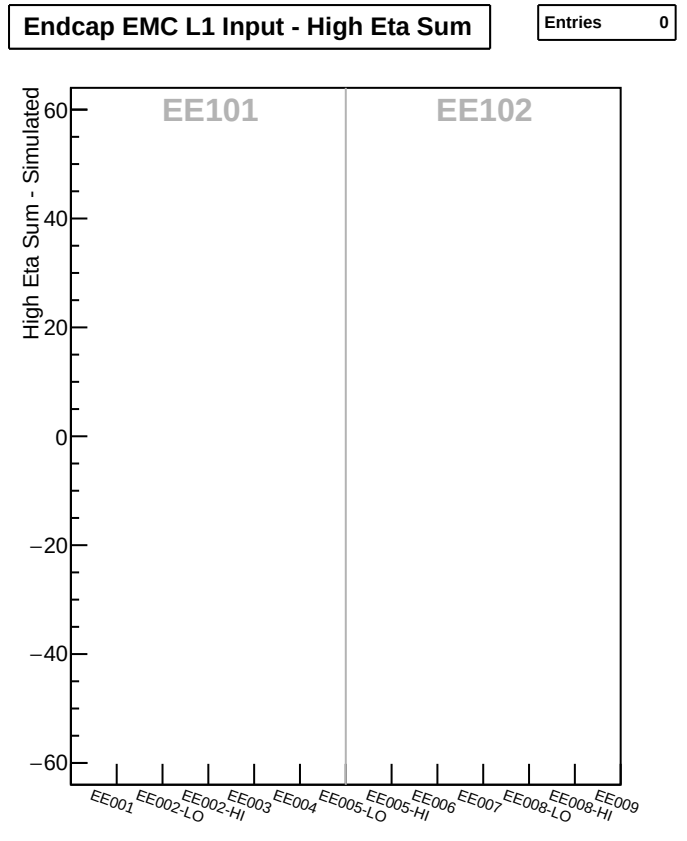

Barrel EMC L1 Input - HT.TP Bit
Entries 1.8e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

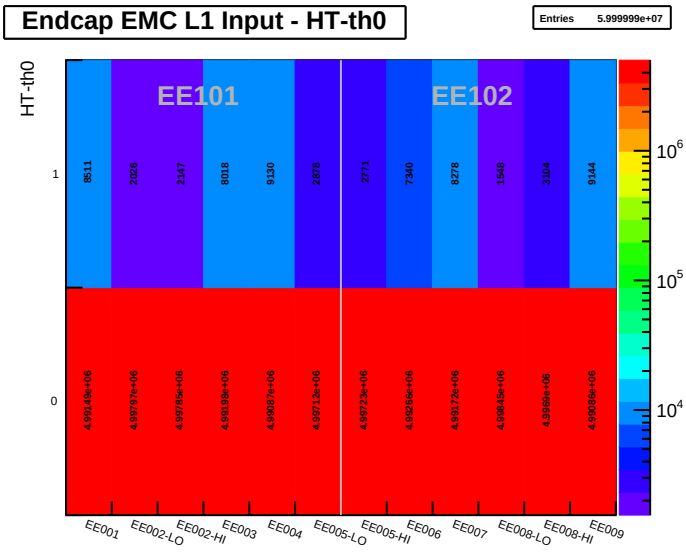

Barrel EMC L1 Input - High Tower Bits
Entries 158155
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

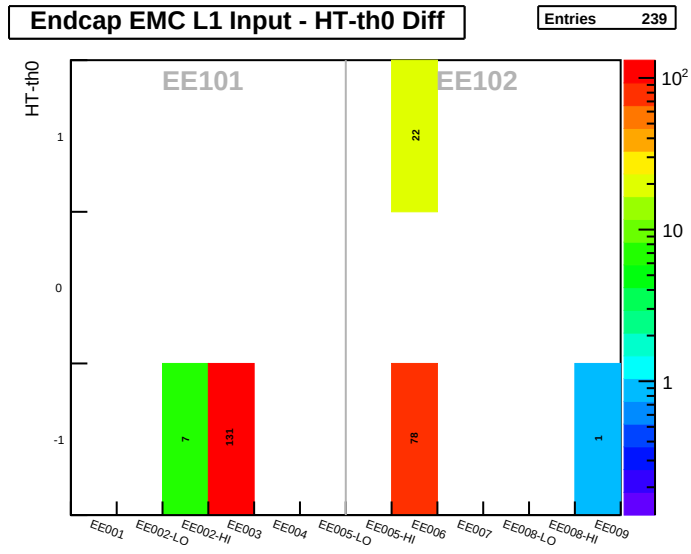

Endcap EMC L1 Input - Low Eta Sum
Entries 5.999999e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

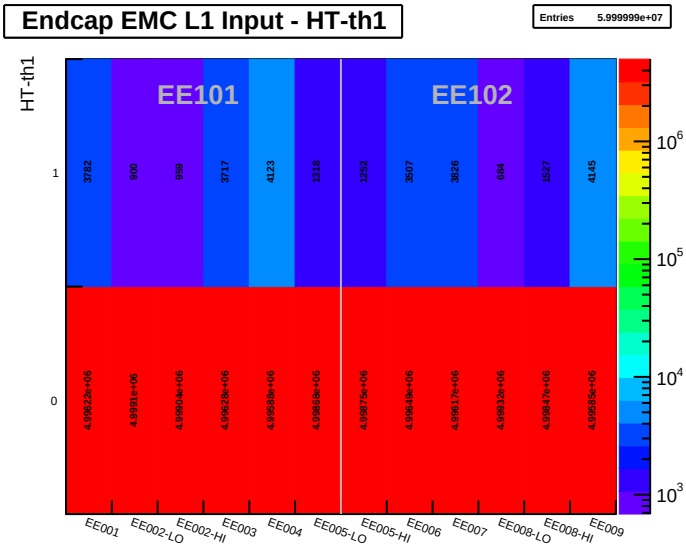

Endcap EMC L1 Input - Low Eta Sum
Entries 1144425
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

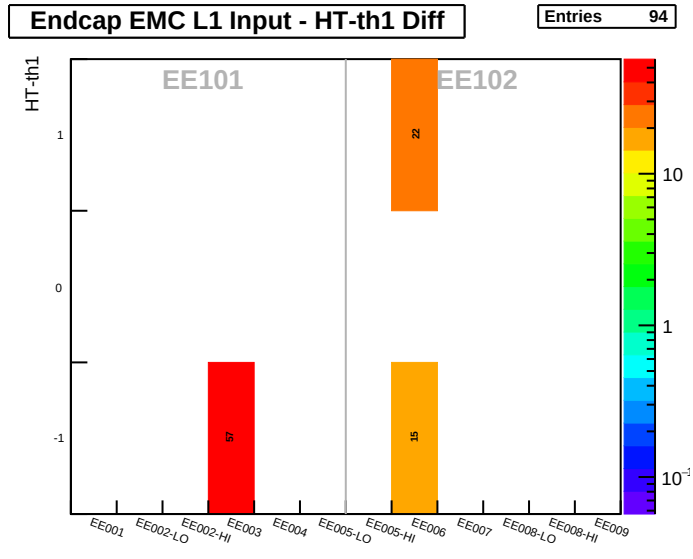

Endcap EMC L1 Input - High Eta Sum
Entries 5.999999e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

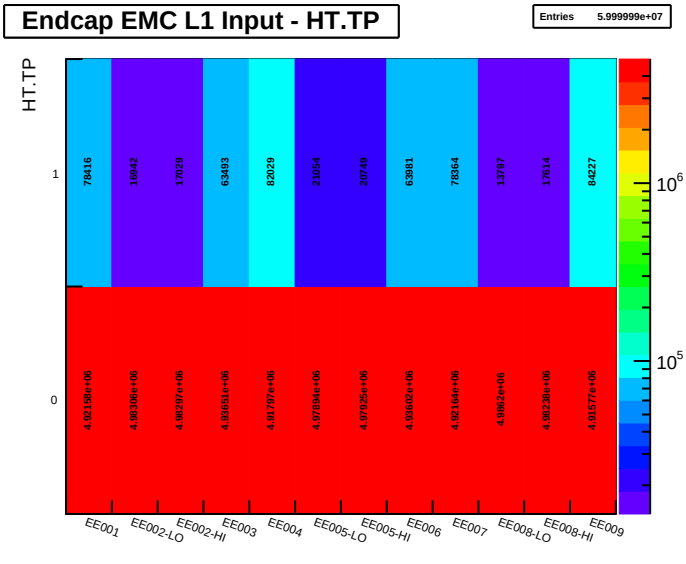

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

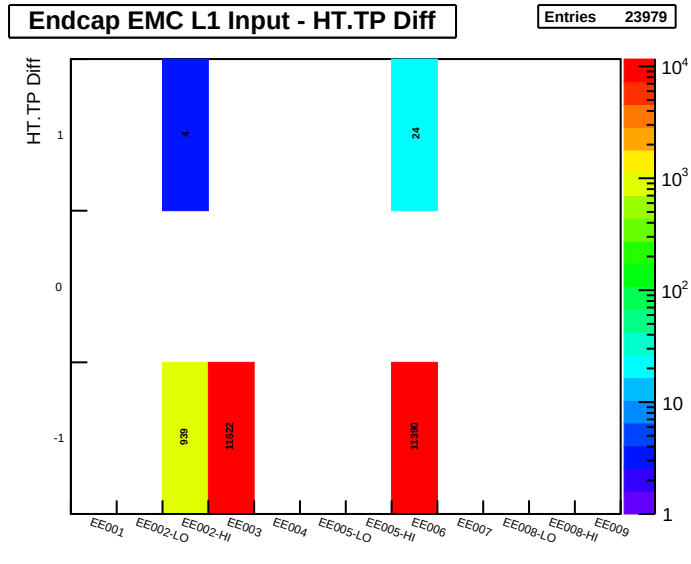

Endcap EMC L1 Input - HT-th0
Entries 5.999999e+07
HT-th0
EE101
EE102
8511 2026 2147 8018 9130 2878 2771 7340 8278 1548 3104 9144
4.99149e+06 4.99797e+06 4.99785e+06 4.99198e+06 4.99087e+06 4.99712e+06 4.99723e+06 4.99266e+06 4.99172e+06 4.98045e+06 4.9969e+06 4.99086e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

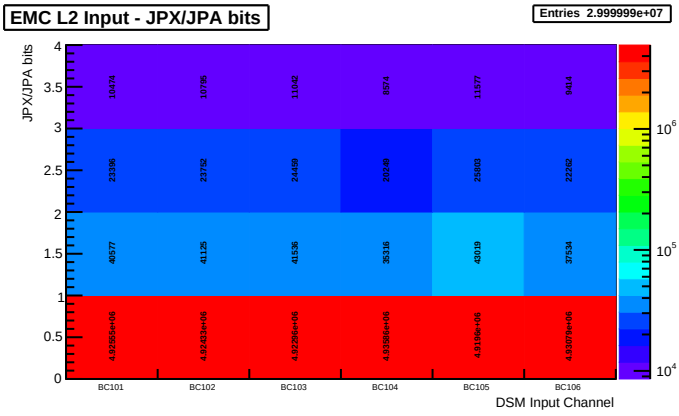

Endcap EMC L1 Input - HT-th0 Diff
Entries 239
HT-th0
EE101
EE102
22
7 131 78 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

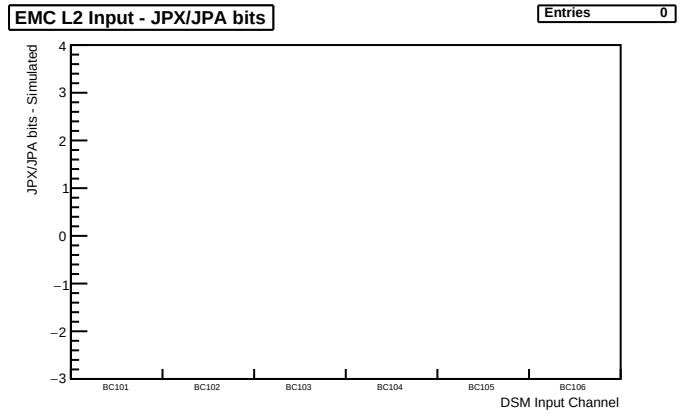

Endcap EMC L1 Input - HT-th1
Entries 5.999999e+07
HT-th1
EE101
EE102
3782 900 959 3717 4123 1318 1252 3507 3826 604 1527 4145
4.99622e+06 4.9991e+05 4.99004e+06 4.99628e+06 4.99588e+06 4.99868e+06 4.99875e+06 4.99649e+06 4.99617e+06 4.99032e+06 4.99847e+06 4.99585e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

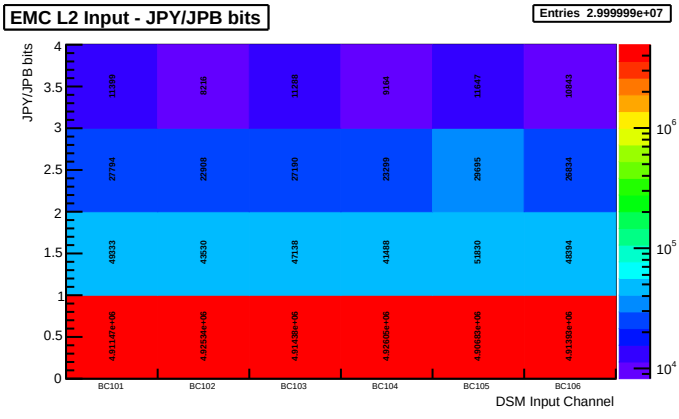

Endcap EMC L1 Input - HT-th1 Diff
Entries 94
HT-th1
EE101
EE102
22
57 15
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

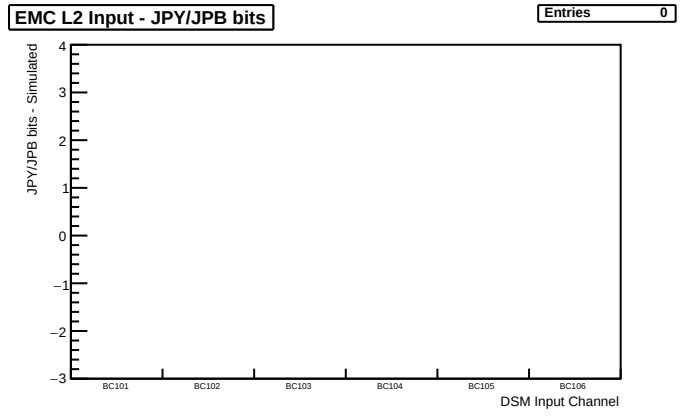

Endcap EMC L1 Input - HT.TP
Entries 5.999999e+07
HT.TP
78416 16942 17029 63493 82029 21054 20749 63981 78364 13707 17614 84227
4.92158e+06 4.98306e+05 4.98297e+06 4.93651e+06 4.91797e+06 4.97894e+06 4.97925e+06 4.93602e+06 4.92164e+05 4.9862e+06 4.9823e+06 4.91577e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

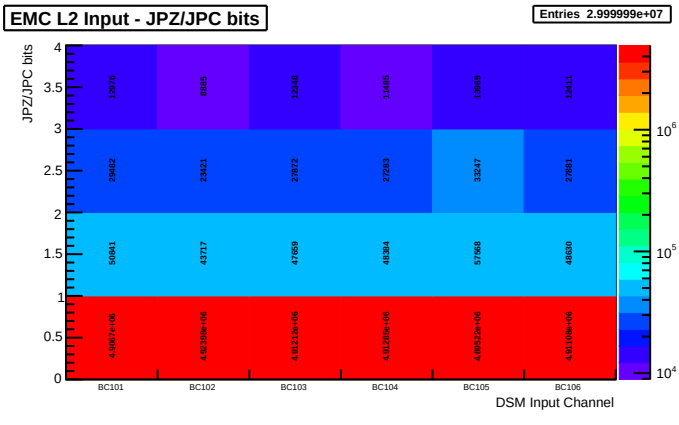

Endcap EMC L1 Input - HT.TP Diff
Entries 23979
HT.TP Diff
4 24
939 11622 11390
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

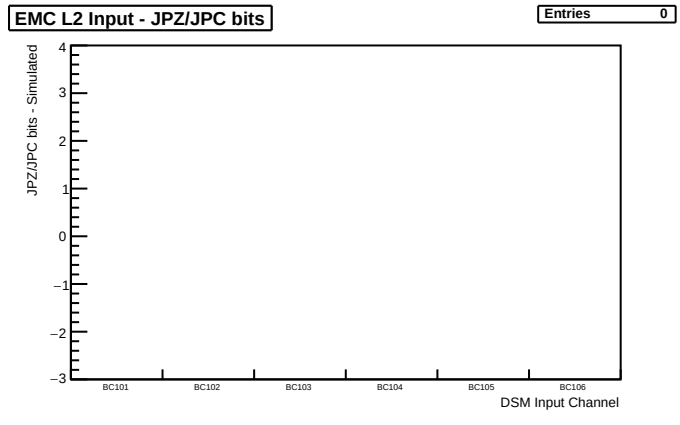

EMC L2 Input - JPX/JPA bits
Entries 2.999999e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10474
10795
11042
6574
11577
9414
23336
23752
24459
20249
23803
22262
40577
41125
41536
35316
43019
37534
4.92655e+06
4.92453e+06
4.92256e+06
4.93986e+06
4.93196e+06
4.93078e+06

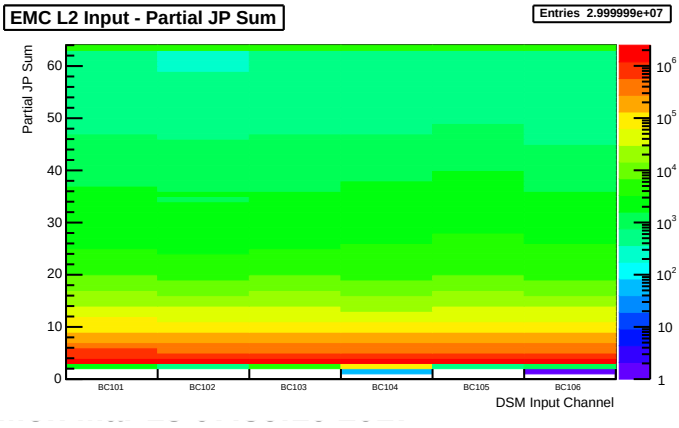

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

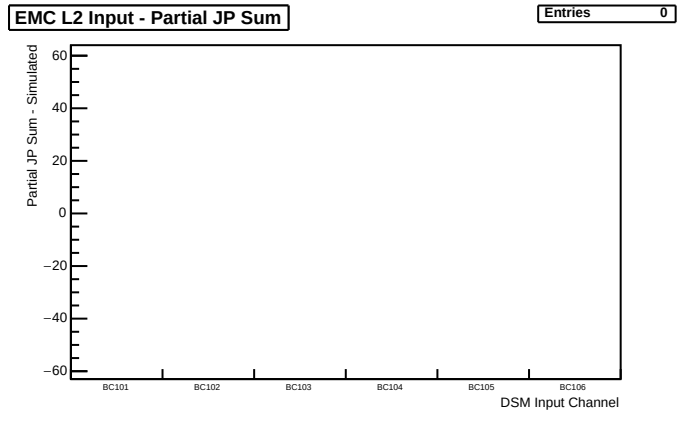

EMC L2 Input - JPY/JPB bits
Entries 2.999999e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11399
8216
11288
9164
11647
10043
27794
22908
27190
22299
29695
26834
48933
43530
47138
41488
51830
46394
4.91147e+06
4.92534e+06
4.91438e+06
4.92605e+06
4.90688e+06
4.91393e+06

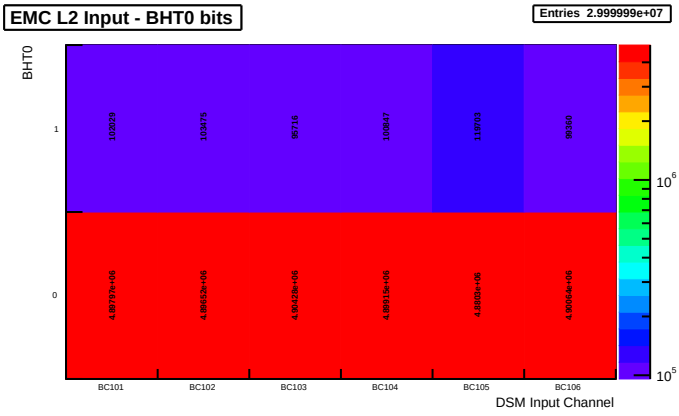

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

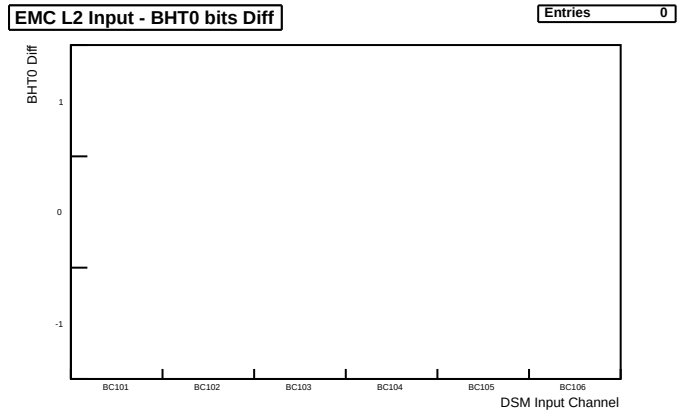

EMC L2 Input - JPZ/JPC bits
Entries 2.999999e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12976
8885
12348
11485
13959
12411
29482
23421
27872
27233
33247
27881
50941
43717
47659
48394
57568
48630
4.9067e+06
4.92398e+06
4.91212e+06
4.91295e+06
4.89522e+06
4.91108e+06

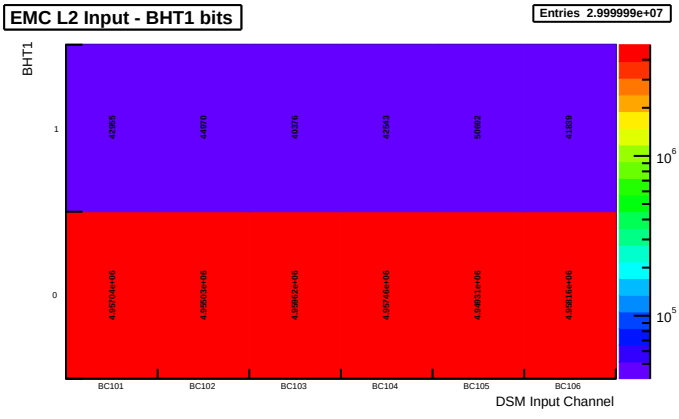

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

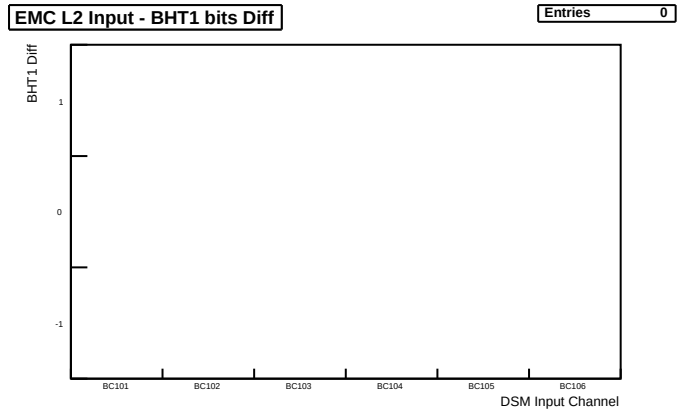

EMC L2 Input - Partial JP Sum
Entries 2.999999e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

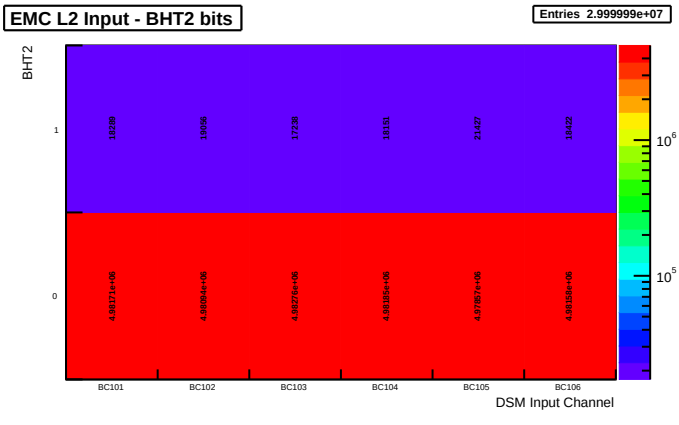

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

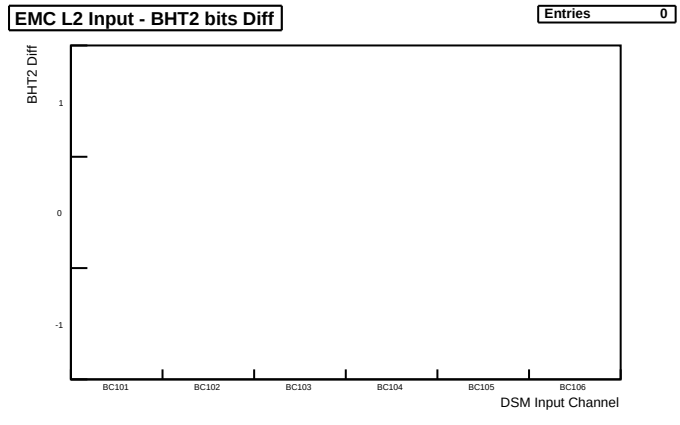

EMC L2 Input - BHT0 bits
Entries 2.999999e+07
BHT0
1
0
102229
103475
95716
100647
115703
99360
4.89797e+06
4.89652e+06
4.90429e+06
4.89915e+06
4.88028e+06
4.90064e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

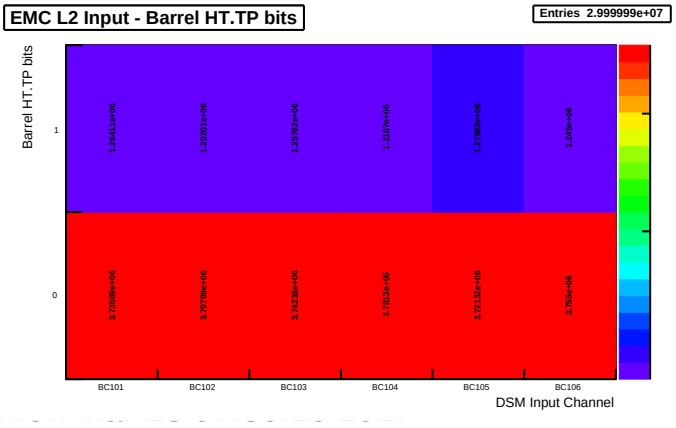

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

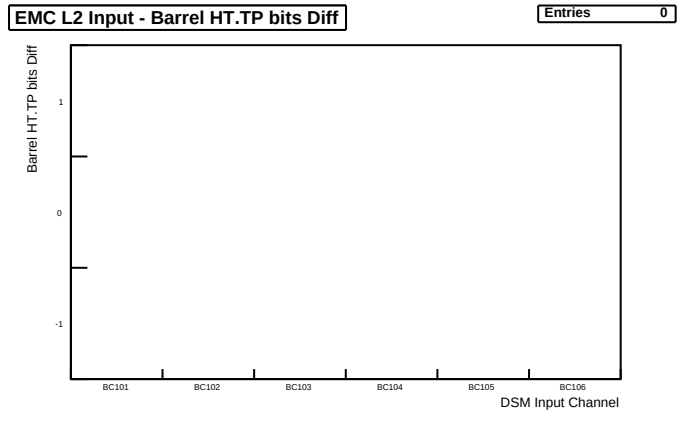

EMC L2 Input - BHT1 bits
Entries 2.999999e+07
BHT1
1
0
42865
44970
40376
42543
50602
41839
4.95704e+06
4.95503e+06
4.95962e+06
4.95746e+06
4.94831e+06
4.95816e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

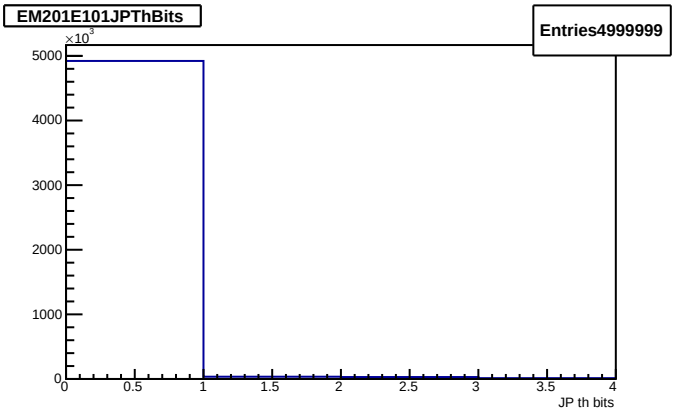

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

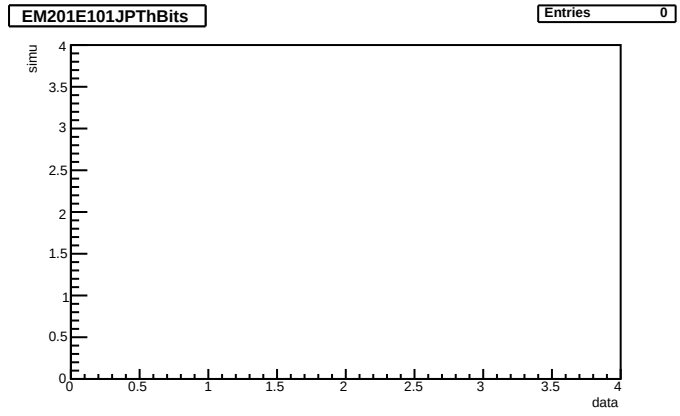

EMC L2 Input - BHT2 bits
Entries 2.999999e+07
BHT2
1
0
16239
19956
17238
18151
21427
18422
4.98171e+06
4.98954e+06
4.98276e+06
4.98185e+06
4.97857e+06
4.98158e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

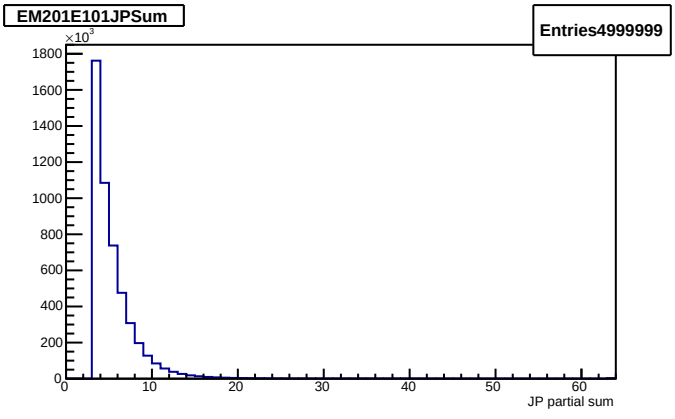

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

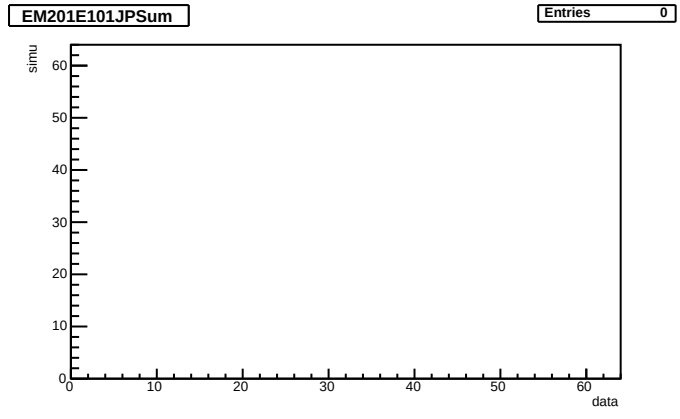

EMC L2 Input - Barrel HT.TP bits
Entries 2.999999e+07
Barrel HT.TP bits
1
0
1.26411e+06
1.20201e+06
1.25762e+06
1.2197e+06
1.27988e+06
1.245e+06
3.73588e+06
3.79799e+06
3.74238e+06
3.7803e+06
3.72132e+06
3.755e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

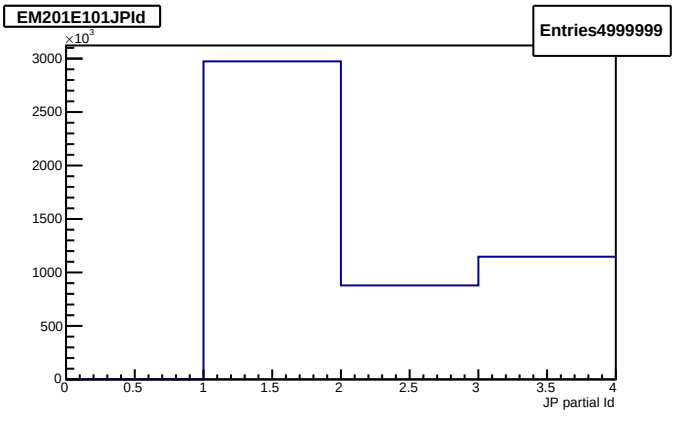

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

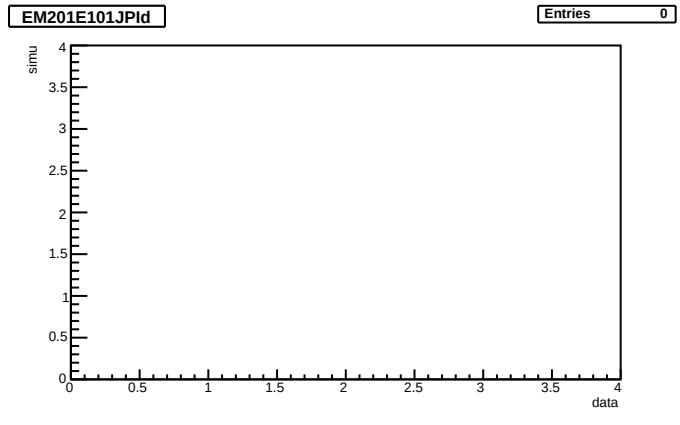

EM201E101JPThBits
Entries4999999
×10^3
JP th bits

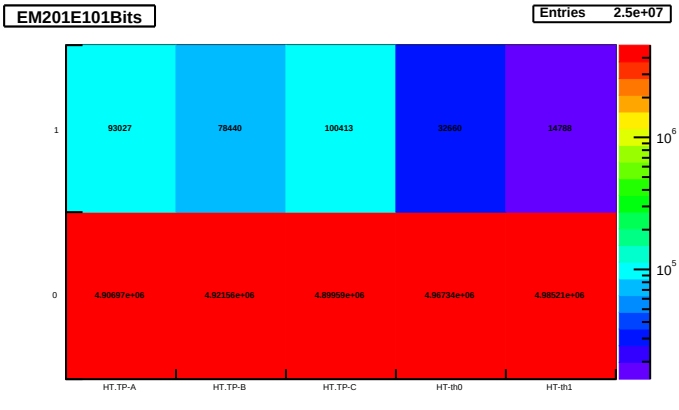

EM201E101JPThBits
Entries 0
simu
data

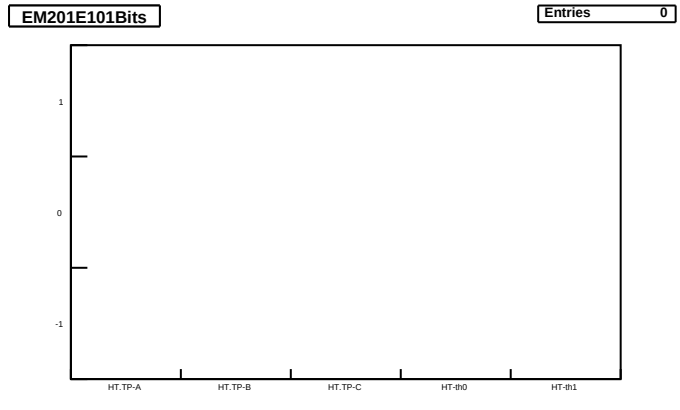

EM201E101JPSum
Entries4999999
×10^3
JP partial sum

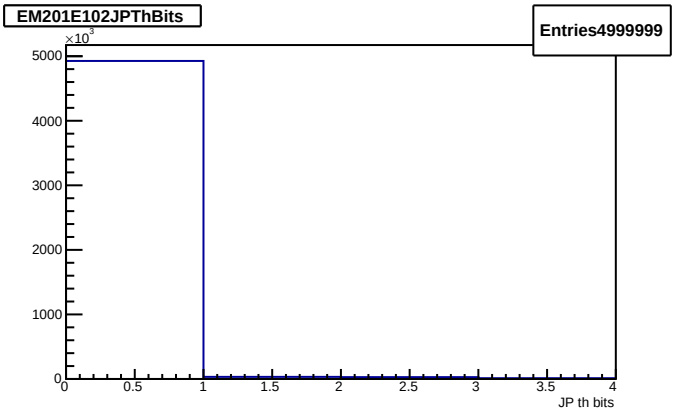

EM201E101JPSum
Entries 0
simu
data

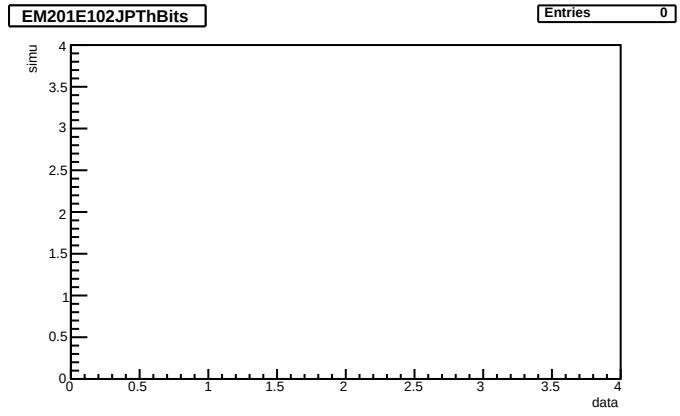

EM201E101JPId
Entries4999999
×10^3
JP partial Id

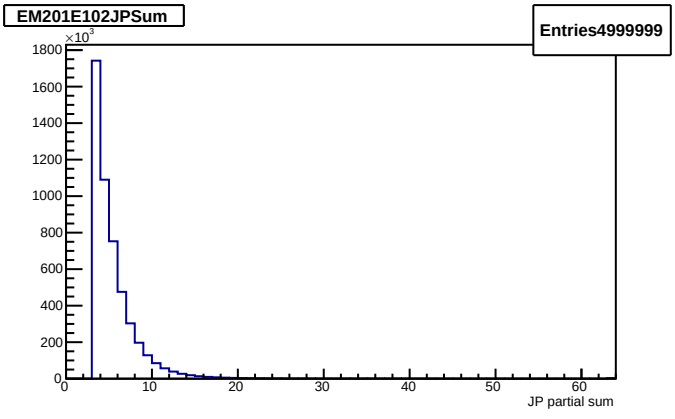

EM201E101JPId
Entries 0
simu
data

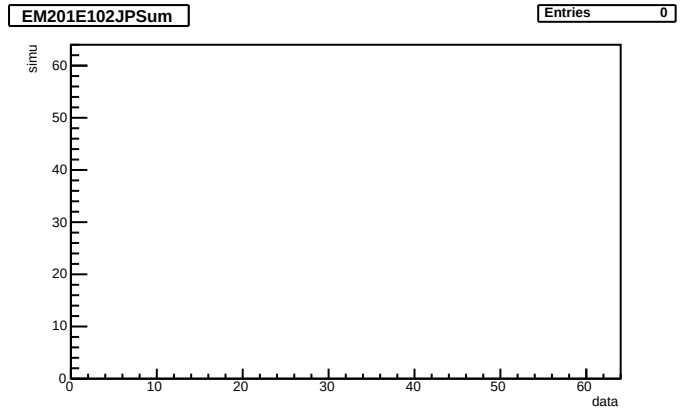

EM201E101Bits
Entries 2.5e+07
93027
78440
100413
32660
14768
4.90697e+06
4.92156e+06
4.89959e+06
4.96734e+06
4.98521e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

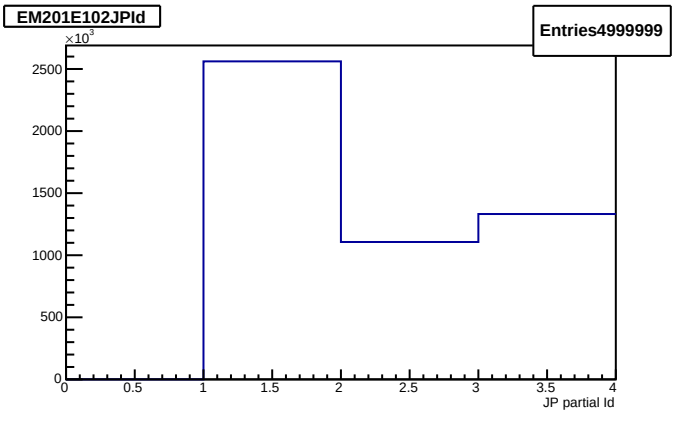

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

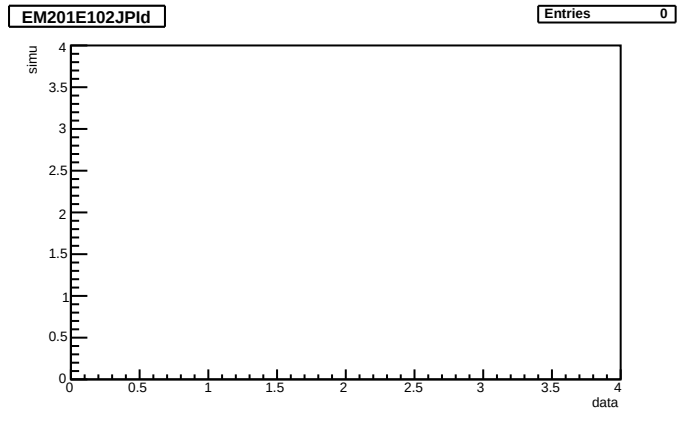

EM201E102JPThBits
Entries4999999
×10^3
JP th bits

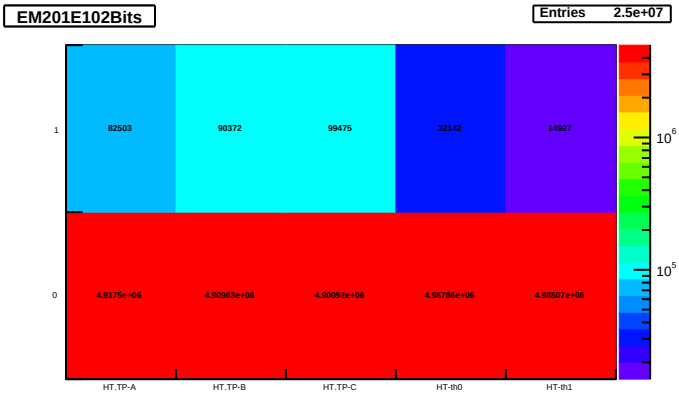

EM201E102JPThBits
Entries 0
simu
data

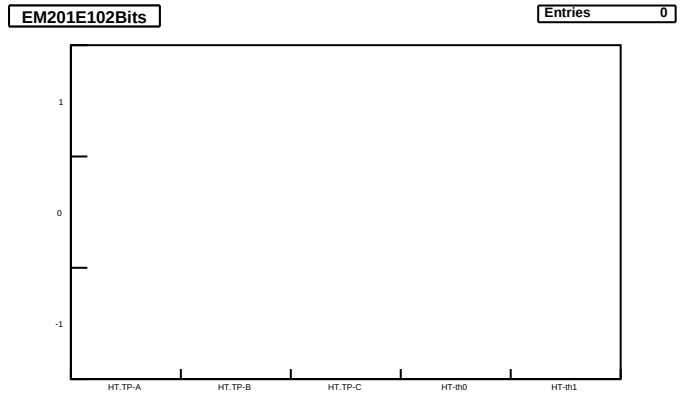

EM201E102JPSum
Entries4999999
×10^3
JP partial sum

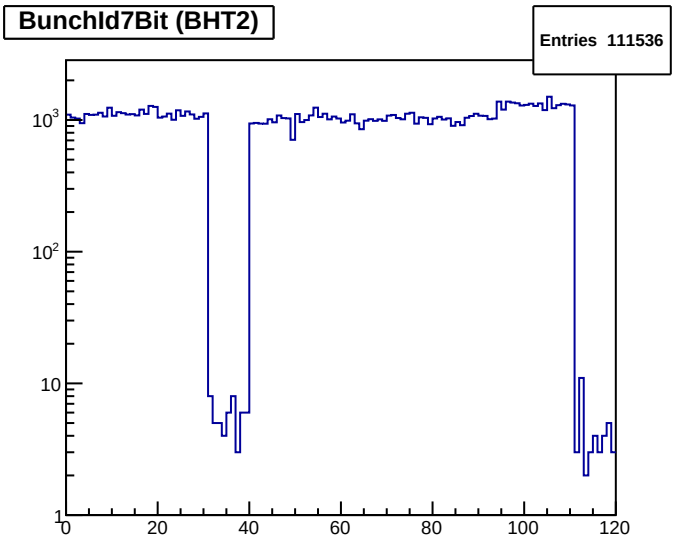

EM201E102JPSum
Entries 0
simu
data

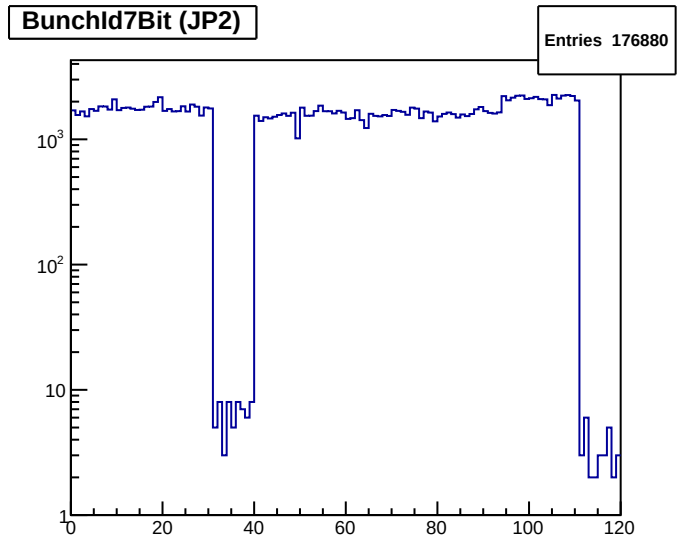

EM201E102JPId
Entries4999999
×10^3
JP partial Id

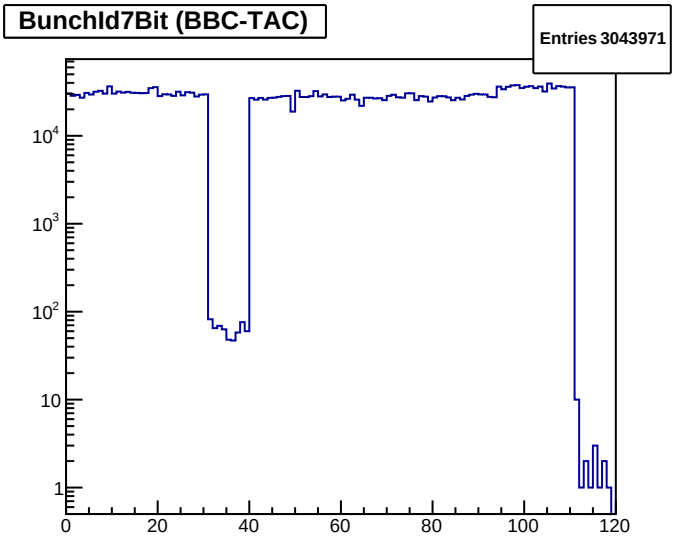

EM201E102JPId
Entries 0
simu
data

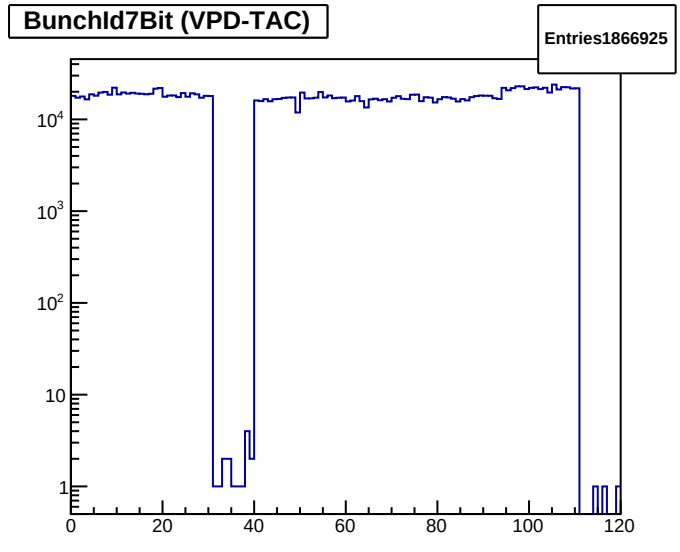

EM201E102Bits
Entries 2.5e+07
82503
90372
99475
32142
14927
4.9175e+06
4.90963e+06
4.90052e+06
4.96786e+06
4.98507e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

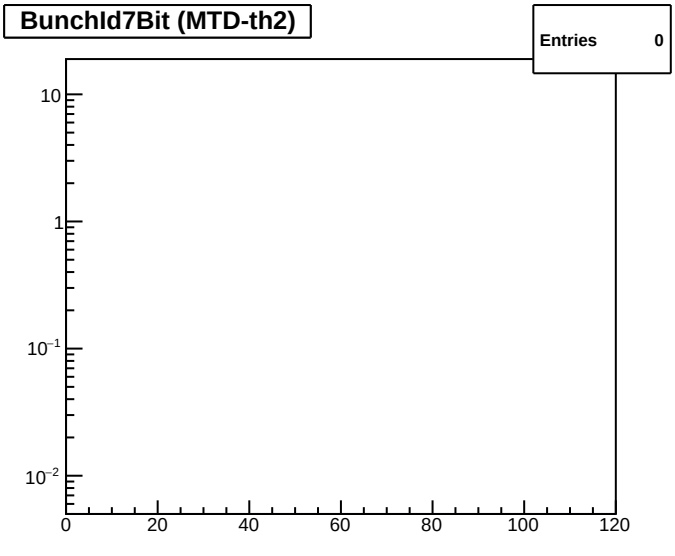

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

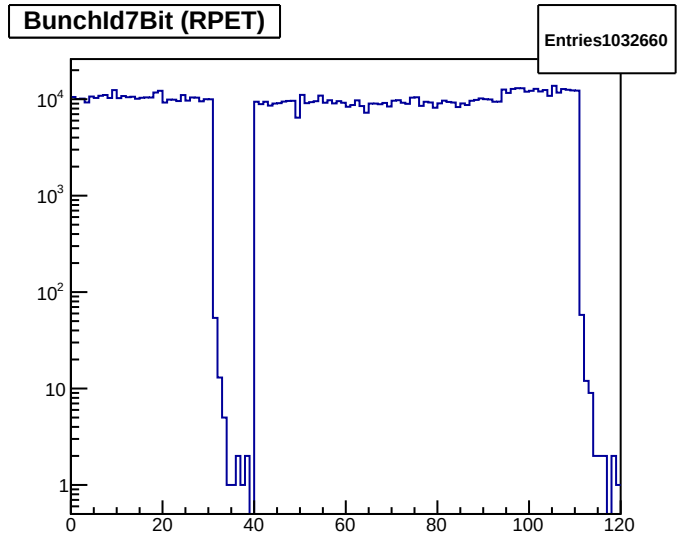

BunchId7Bit (BHT2)
Entries 111536

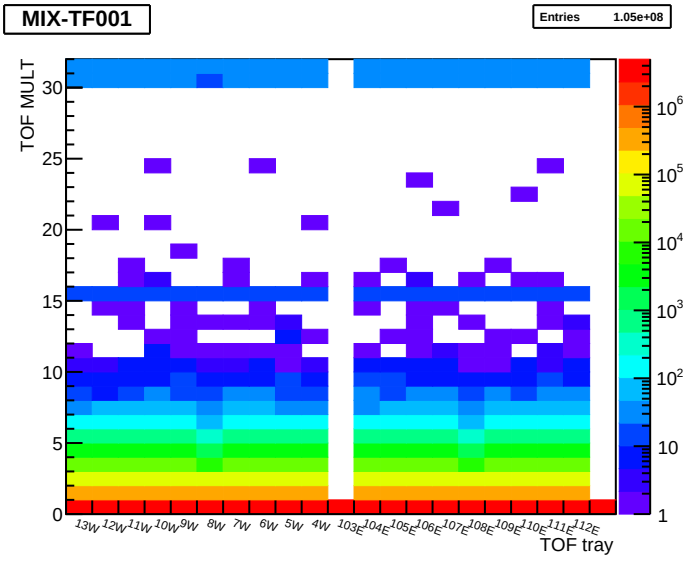

BunchId7Bit (JP2)
Entries 176880

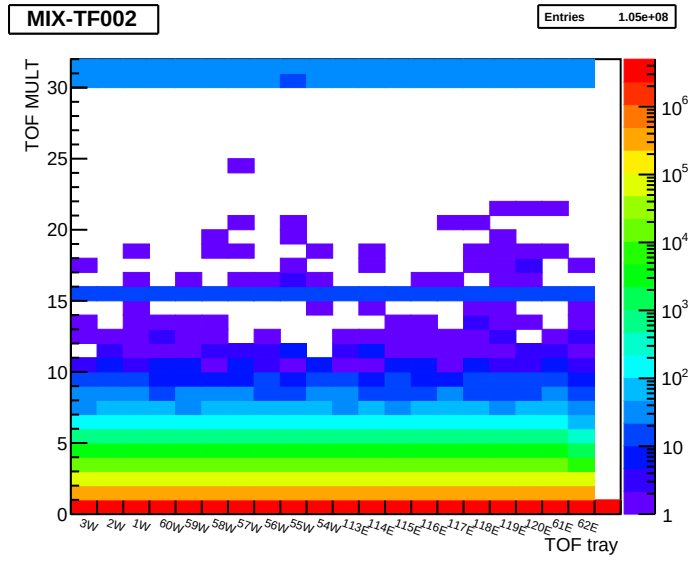

BunchId7Bit (BBC-TAC)
Entries 3043971

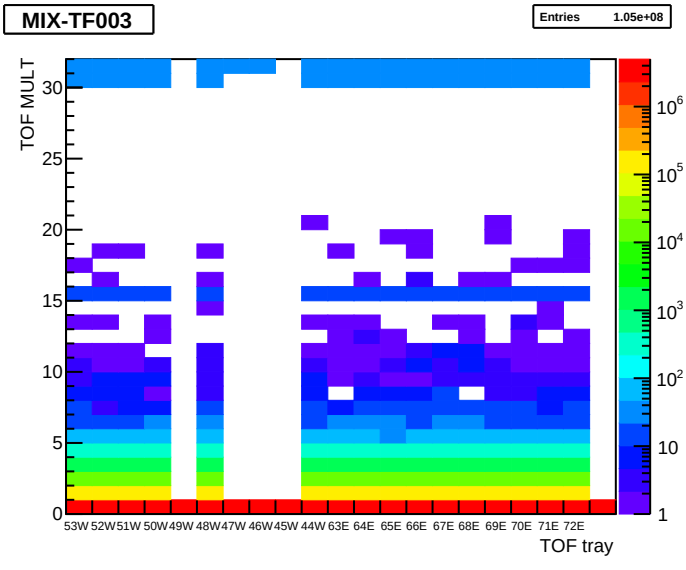

BunchId7Bit (VPD-TAC)
Entries1866925

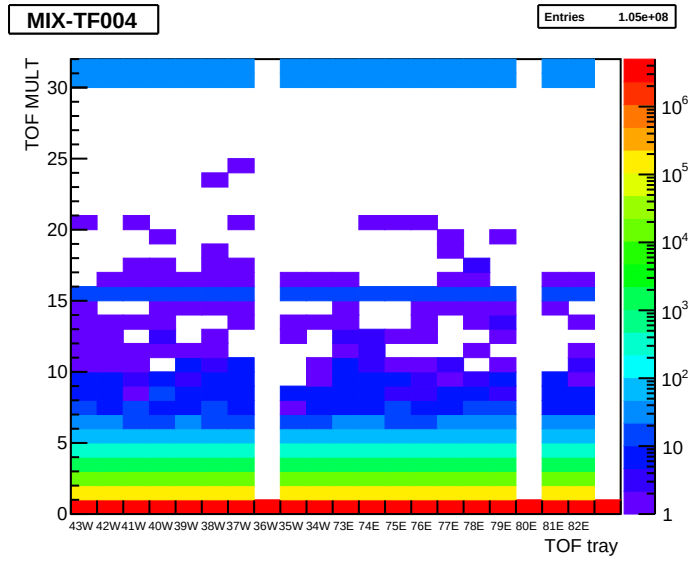

BunchId7Bit (MTD-th2)
Entries 0

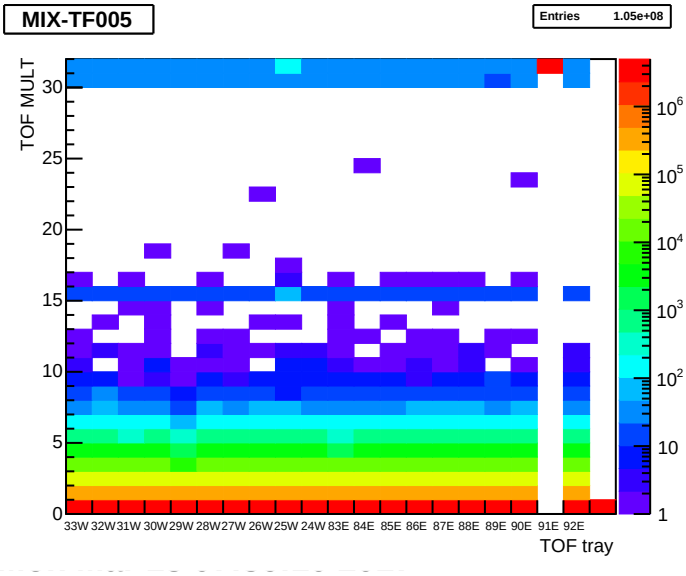

BunchId7Bit (RPET)
Entries1032660

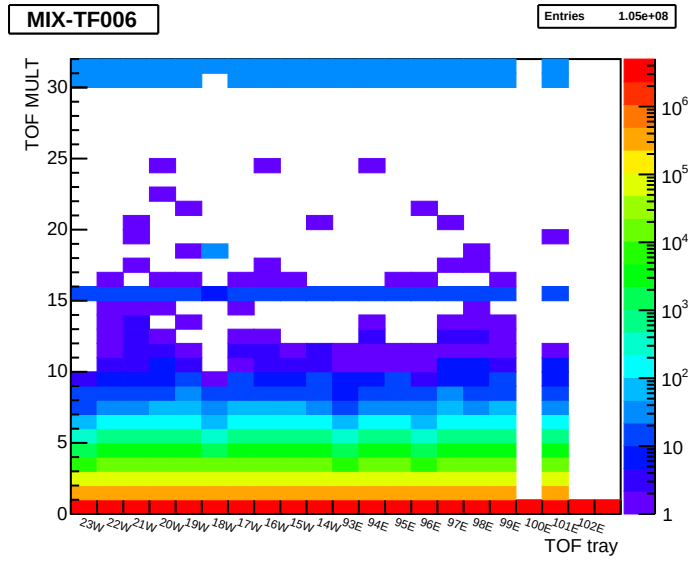

MIX-TF001
Entries 1.05e+08
TOF MULT
TOF tray

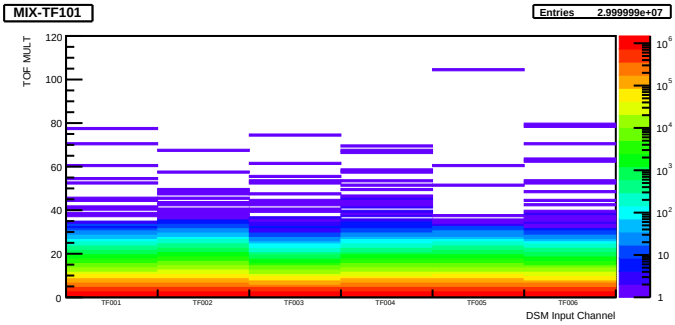

MIX-TF002
Entries 1.05e+08
TOF MULT
TOF tray

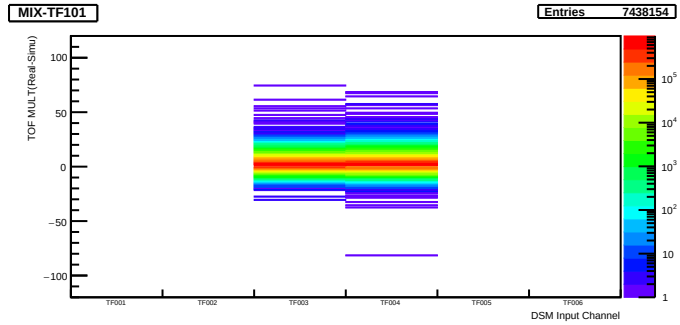

MIX-TF003
Entries 1.05e+08
TOF MULT
TOF tray

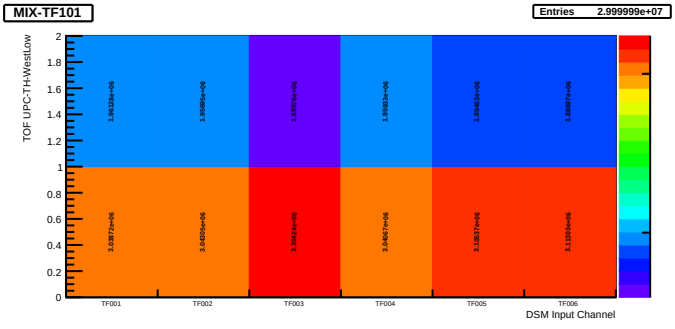

MIX-TF004
Entries 1.05e+08
TOF MULT
TOF tray

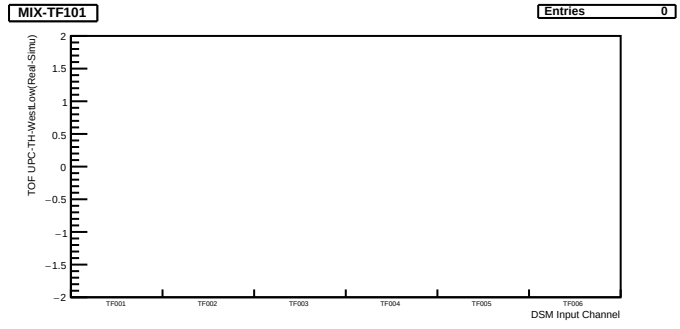

MIX-TF005
Entries 1.05e+08
TOF MULT
TOF tray

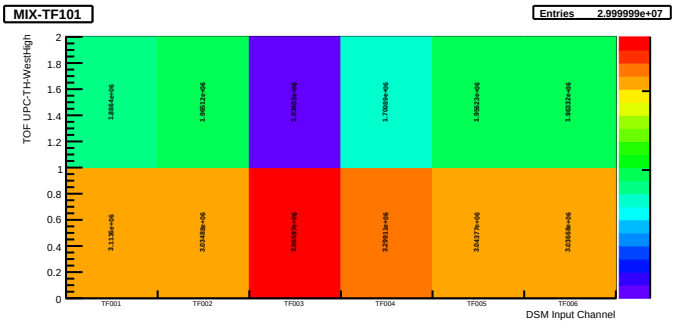

MIX-TF006
Entries 1.05e+08
TOF MULT
TOF tray

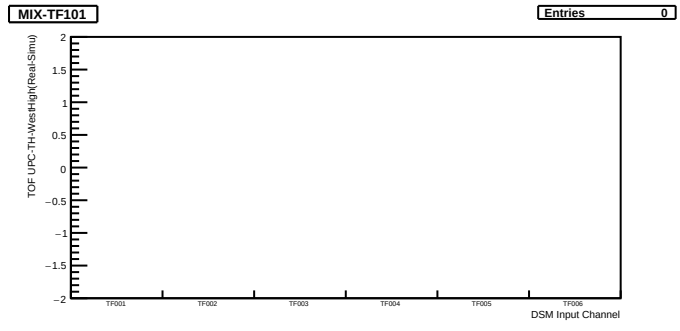

MIX-TF101
Entries 2.999999e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

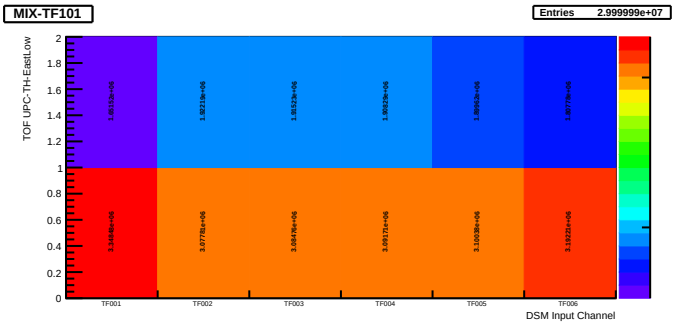

MIX-TF101
Entries 7438154
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

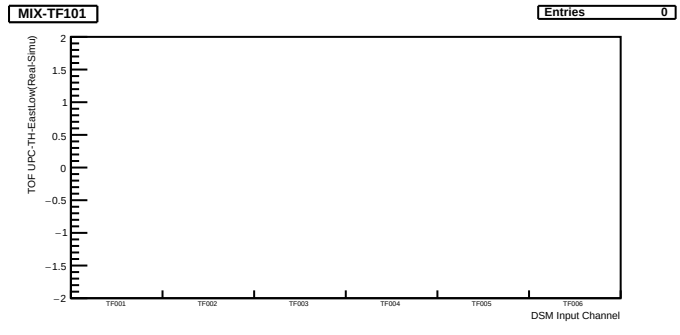

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

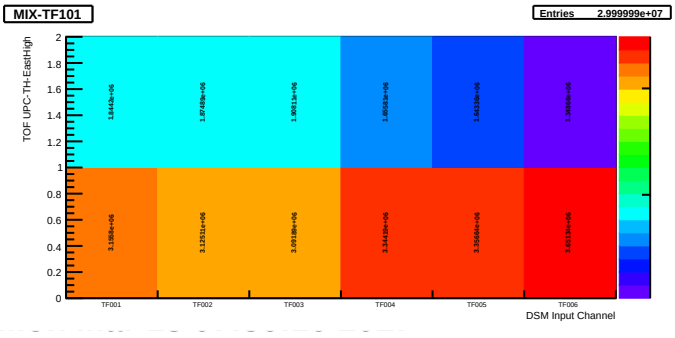

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

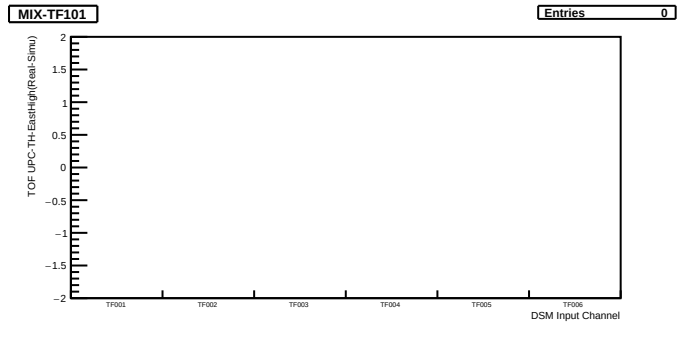

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

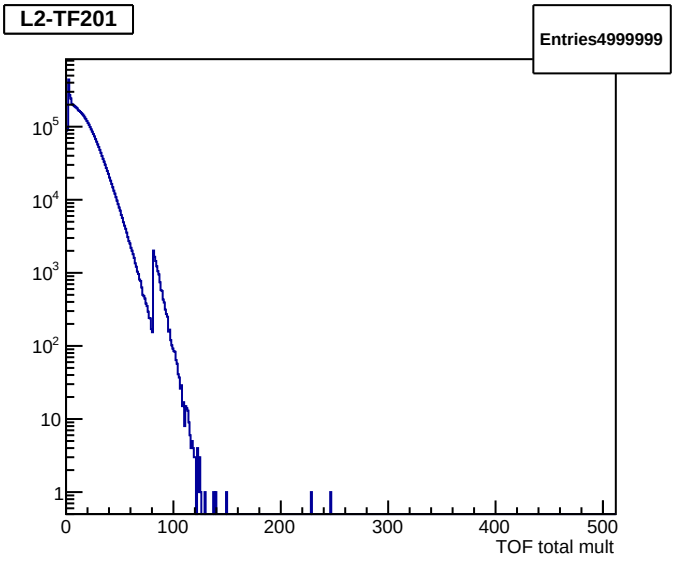

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

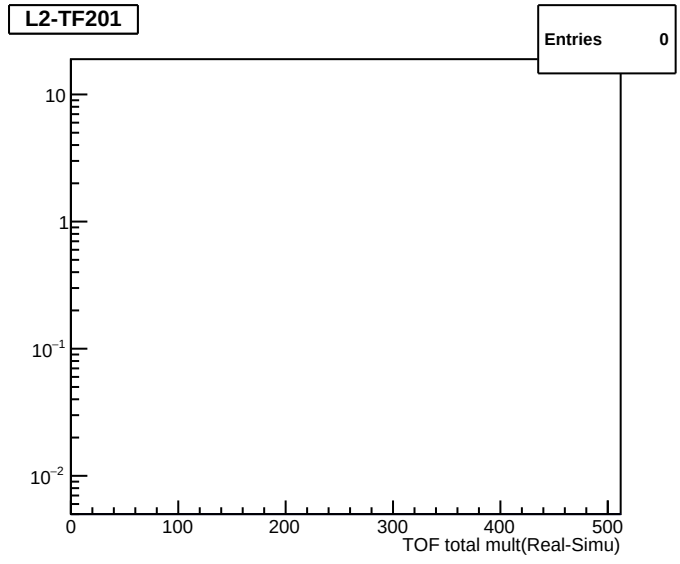

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

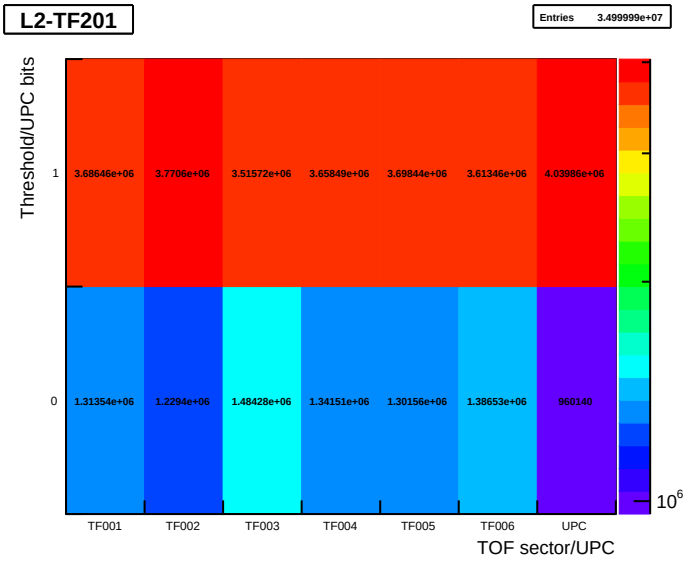

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

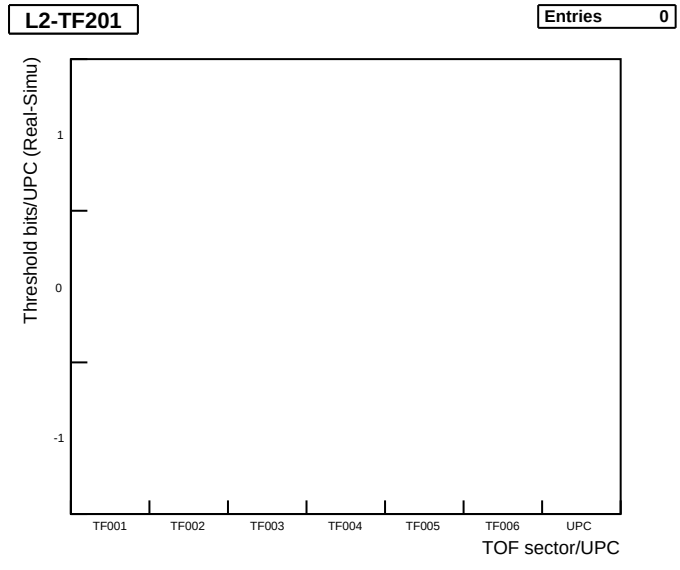

MIX-TF101
Entries 2.999999e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

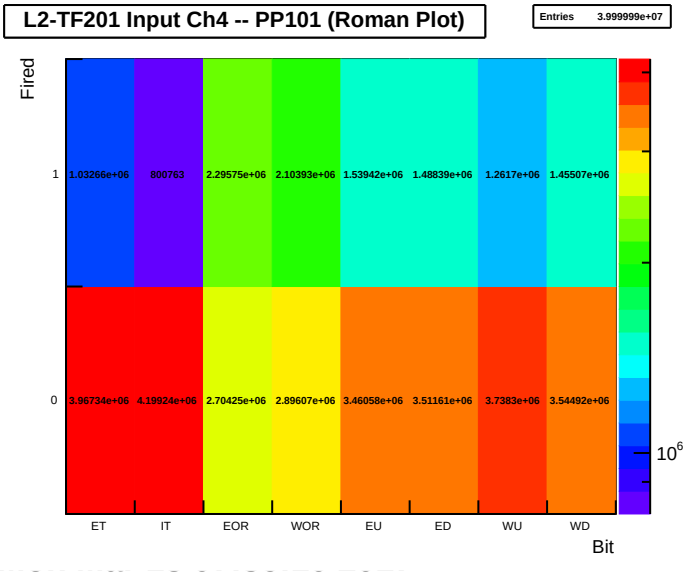

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

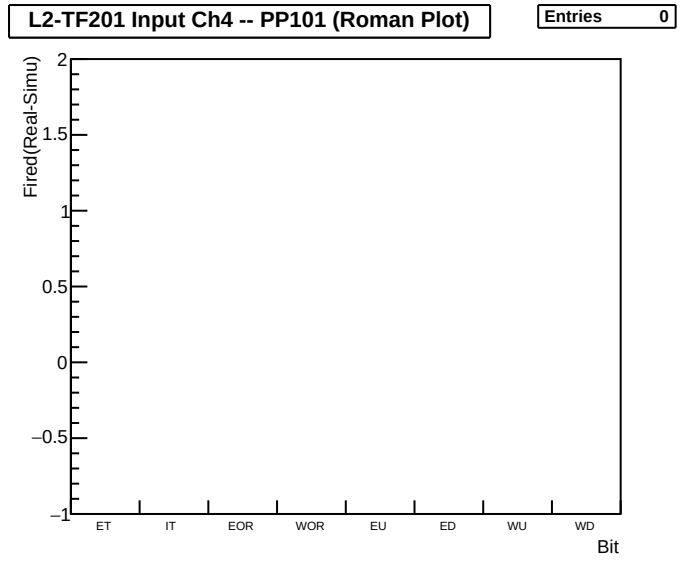

L2-TF201
Entries4999999
TOF total mult

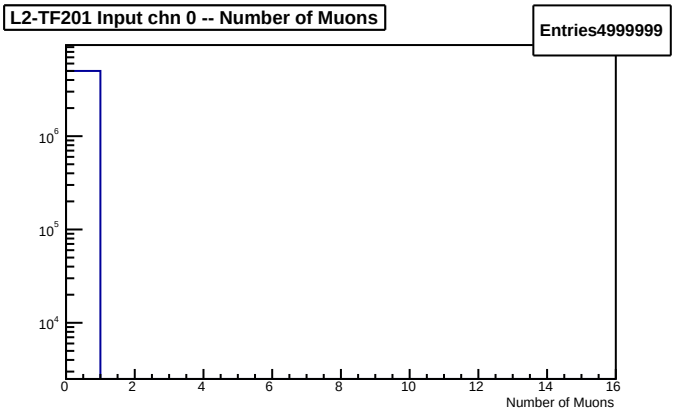

L2-TF201
Entries 0
TOF total mult(Real-Simu)

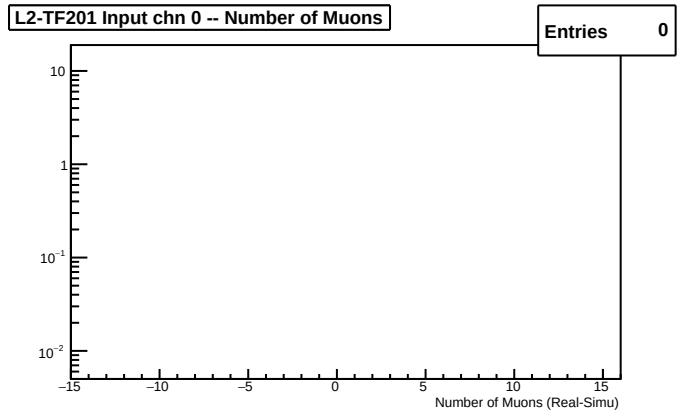

L2-TF201
Entries 3.499999e+07
Threshold/UPC bits
3.68646e+06
3.7706e+06
3.51572e+06
3.65849e+06
3.69844e+06
3.61346e+06
4.03986e+06
1.31354e+06
1.2294e+06
1.48428e+06
1.34151e+06
1.30156e+06
1.38653e+06
960140
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

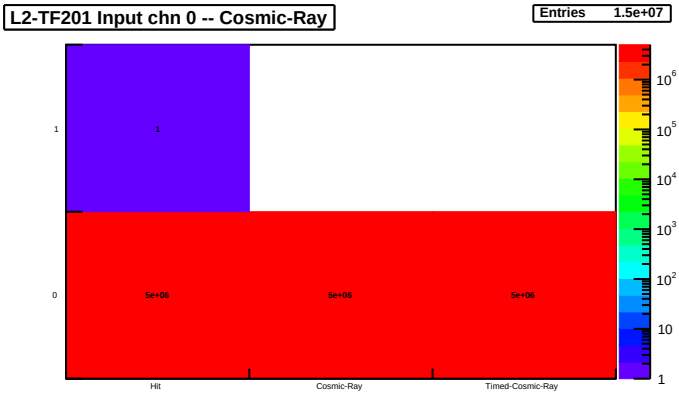

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

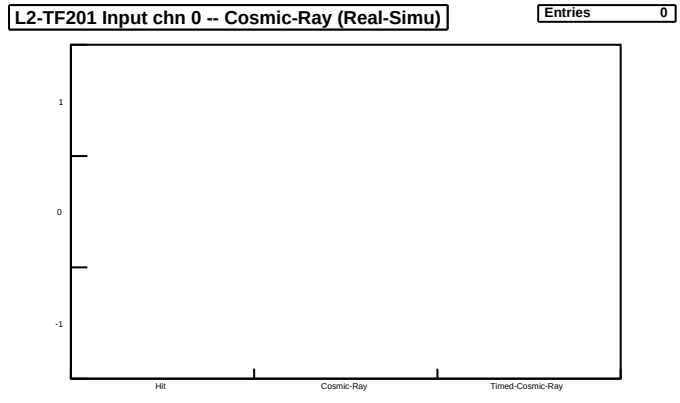

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.999999e+07
Fired
1.03266e+06
800763
2.29575e+06
2.10393e+06
1.53942e+06
1.48839e+06
1.2617e+06
1.45507e+06
3.96734e+06
4.19924e+06
2.70425e+06
2.89607e+06
3.46058e+06
3.51161e+06
3.7383e+06
3.54492e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

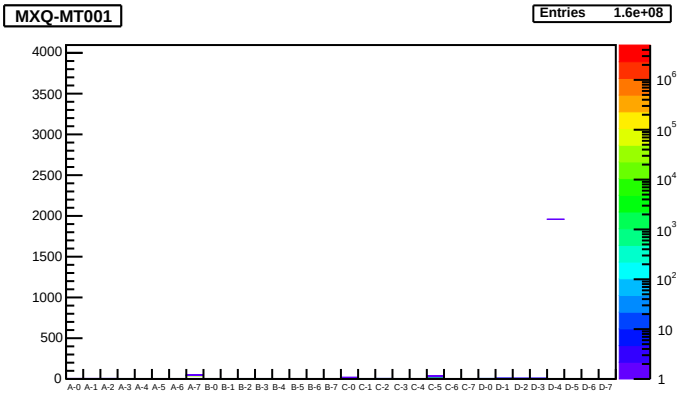

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

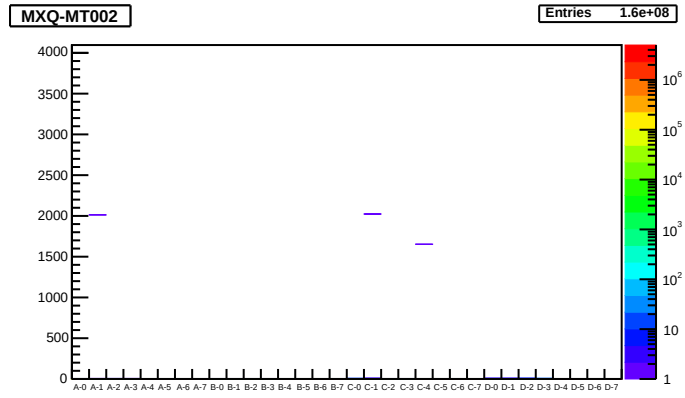

L2-TF201 Input chn 0 -- Number of Muons
Entries4999999
Number of Muons

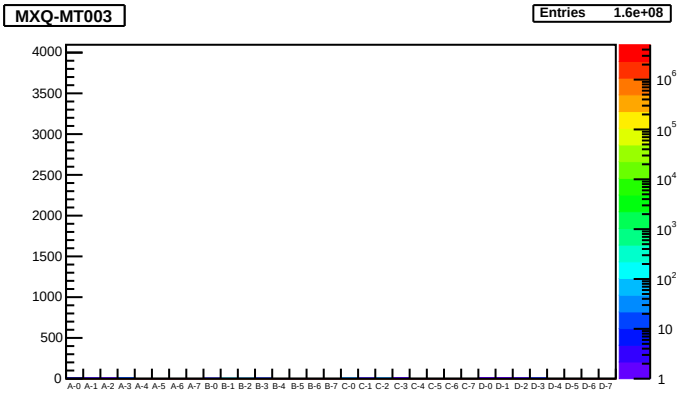

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

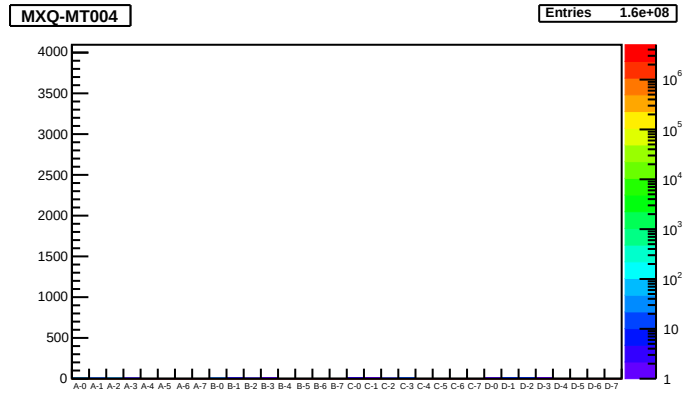

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.5e+07
Hit
Cosmic-Ray
Timed-Cosmic-Ray

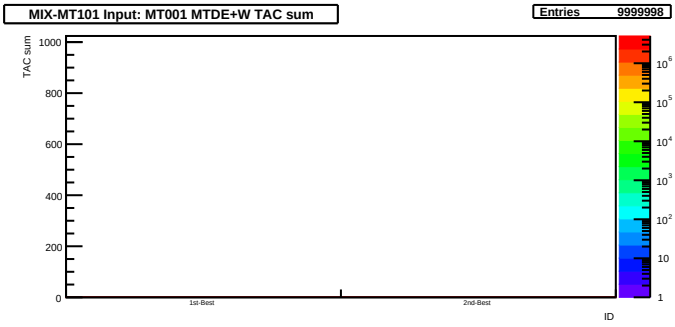

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

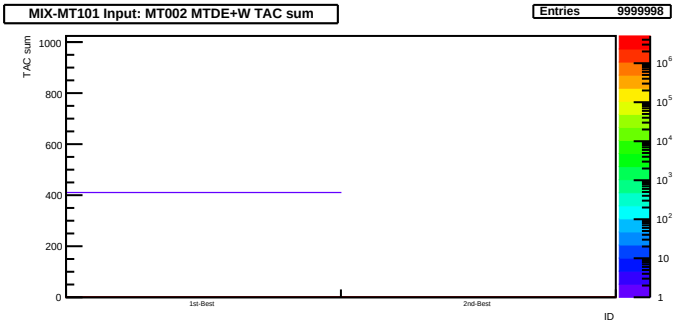

MXQ-MT001
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

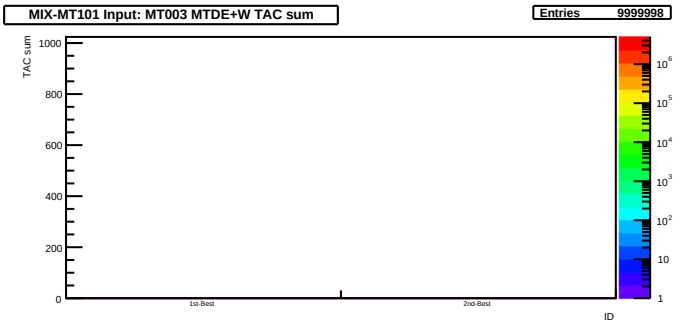

MXQ-MT002
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

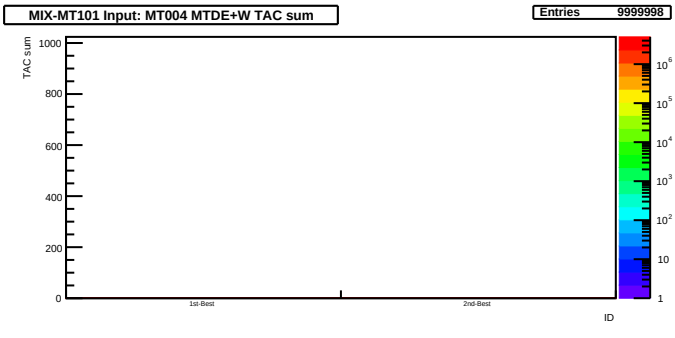

MXQ-MT003
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

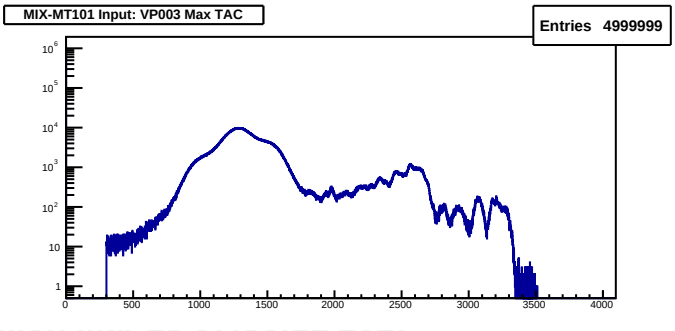

MXQ-MT004
Entries 1.6e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

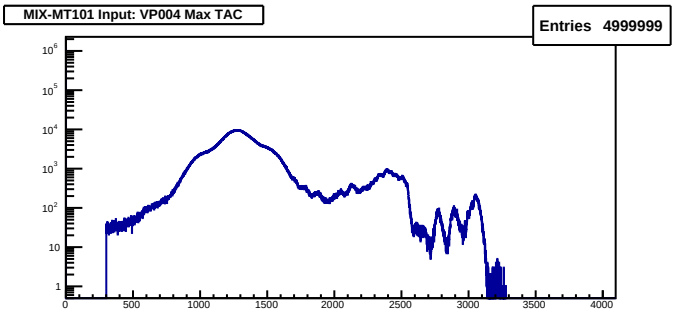

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 9999998
TAC sum
1st-Best
2nd-Best
ID

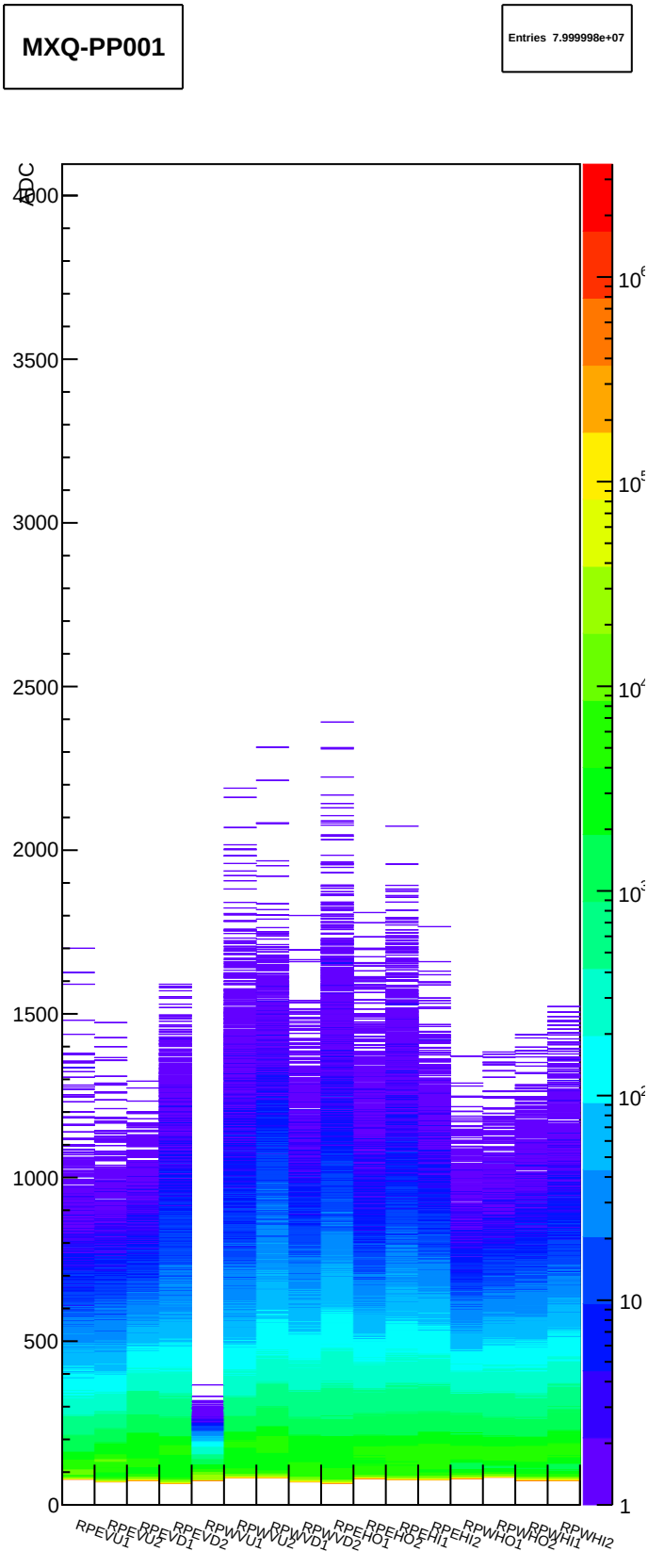

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 9999998
TAC sum
1st-Best
2nd-Best
ID

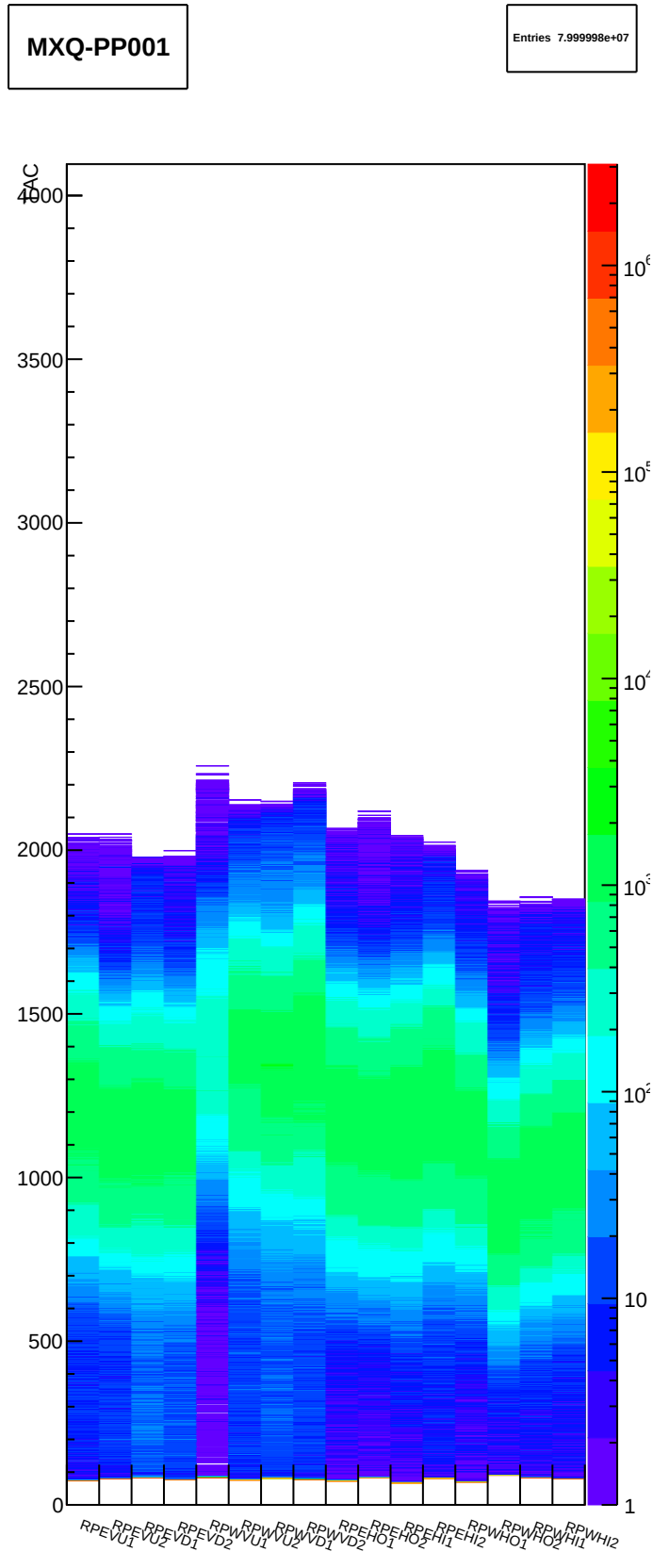

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 9999998
TAC sum
1st-Best
2nd-Best
ID

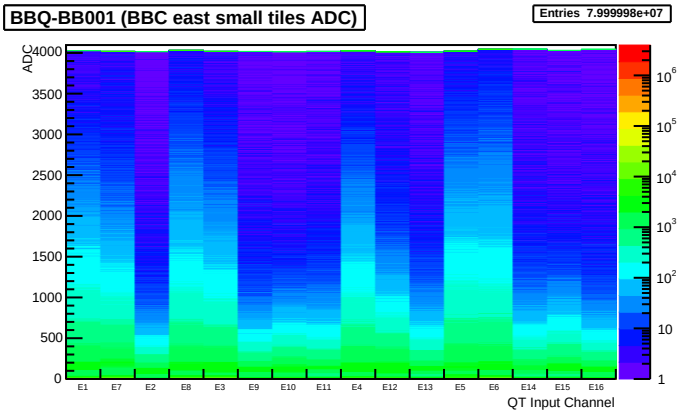

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 9999998
TAC sum
1st-Best
2nd-Best
ID

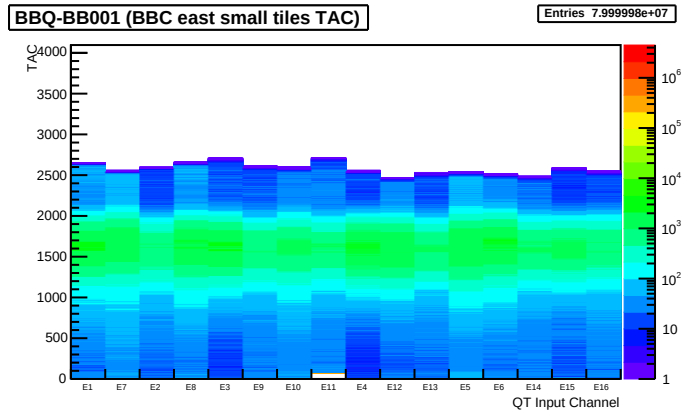

MIX-MT101 Input: VP003 Max TAC
Entries 4999999

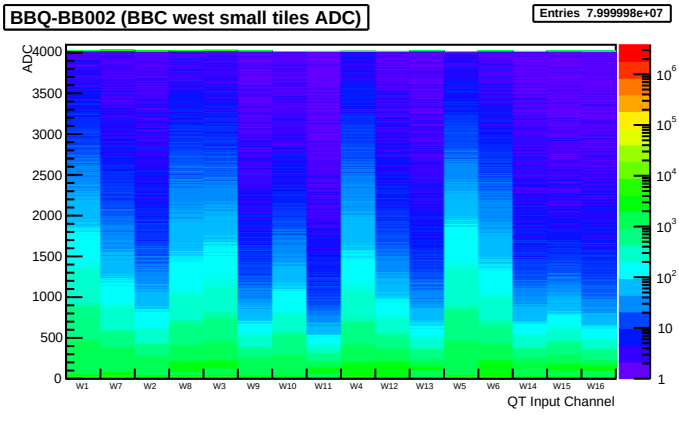

MIX-MT101 Input: VP004 Max TAC
Entries 4999999

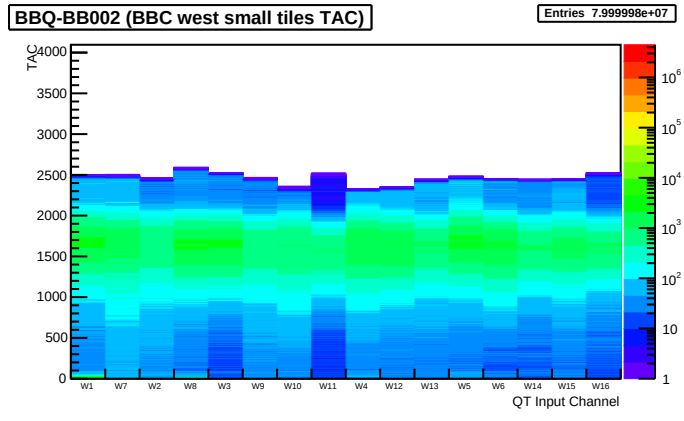

MXQ-PP001
Entries 7.999998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

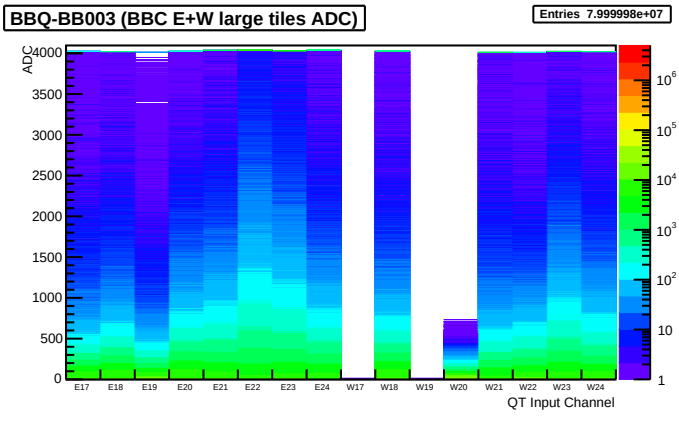

MXQ-PP001
Entries 7.999998e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

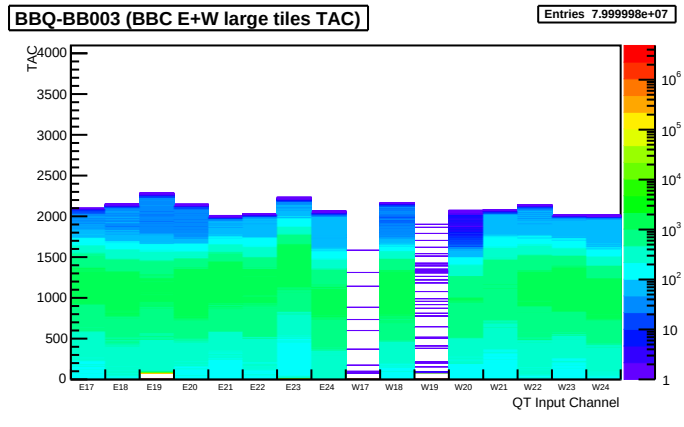

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.999998e+07
ADC
QT Input Channel

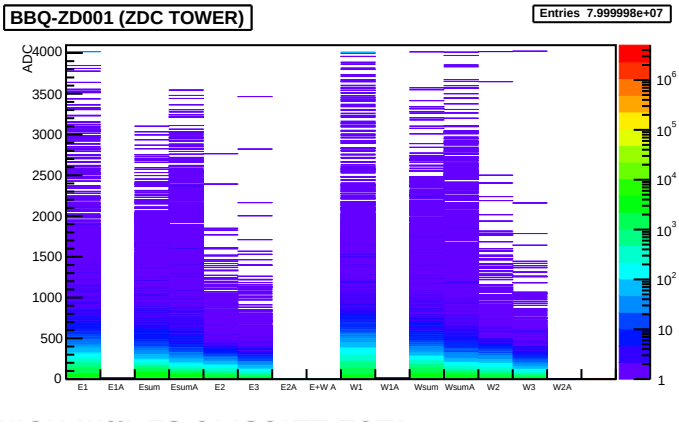

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.999998e+07
TAC
QT Input Channel

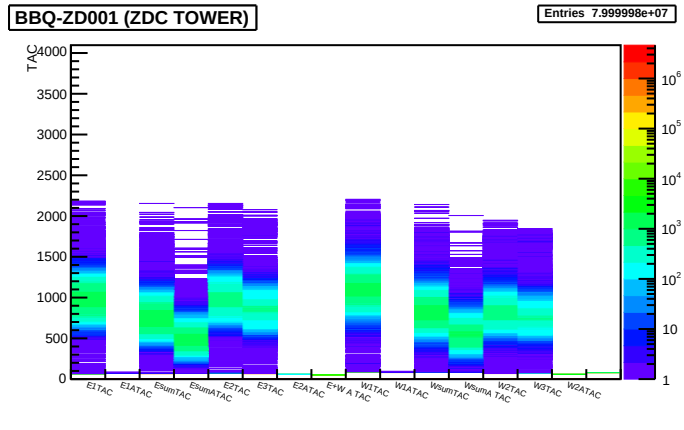

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.999998e+07
ADC
QT Input Channel

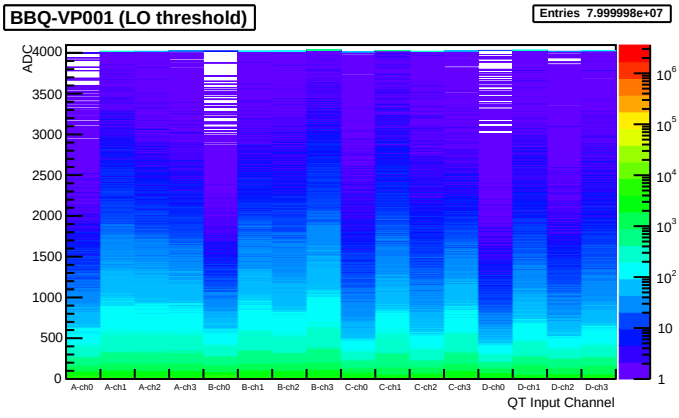

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.999998e+07
TAC
QT Input Channel

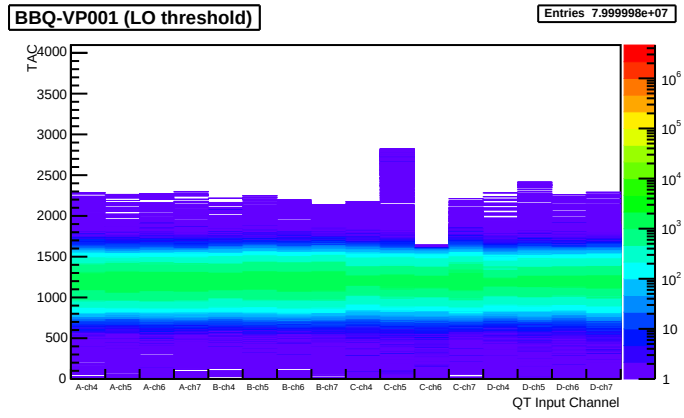

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999998e+07
ADC
QT Input Channel

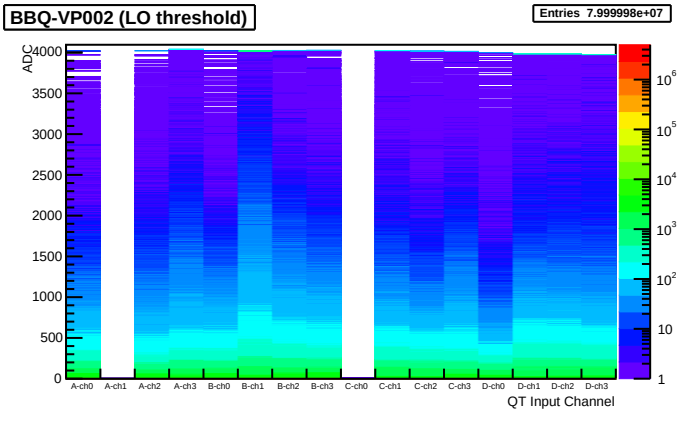

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999998e+07
TAC
QT Input Channel

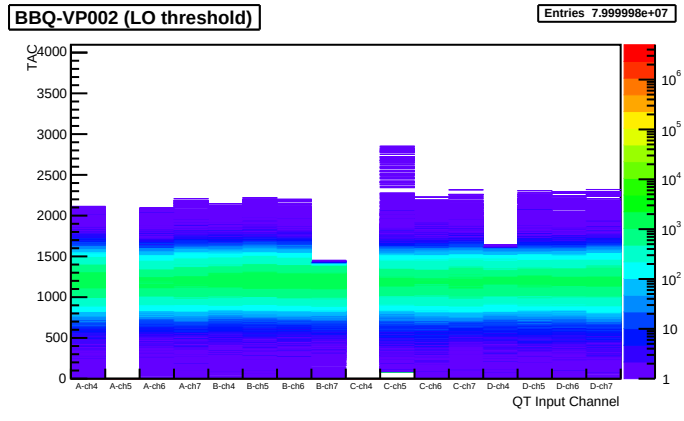

BBQ-ZD001 (ZDC TOWER)
Entries 7.999998e+07
ADC

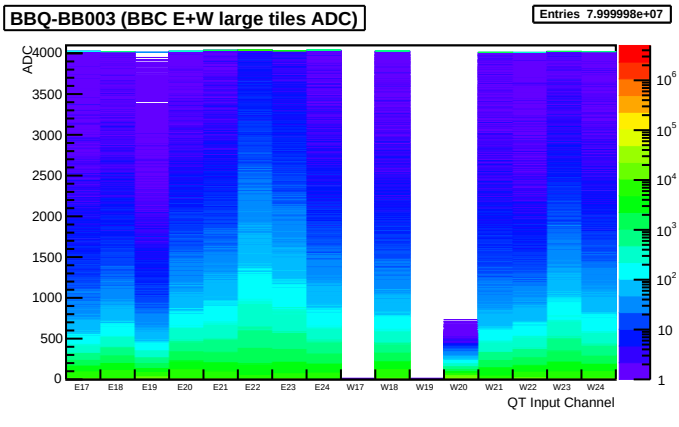

BBQ-ZD001 (ZDC TOWER)
Entries 7.999998e+07
TAC

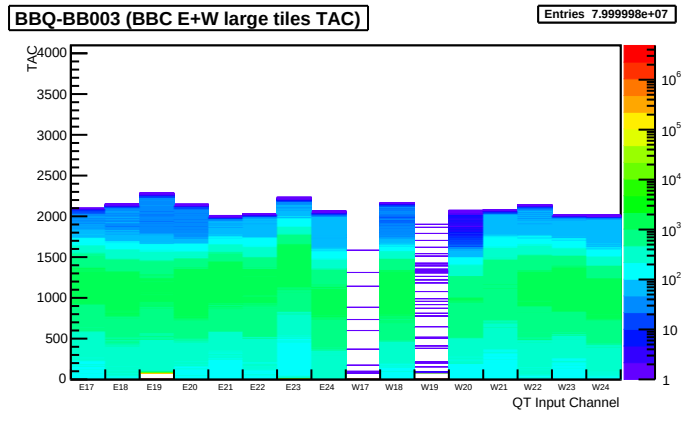

BBQ-VP001 (LO threshold)
Entries 7.999998e+07
ADC
QT Input Channel

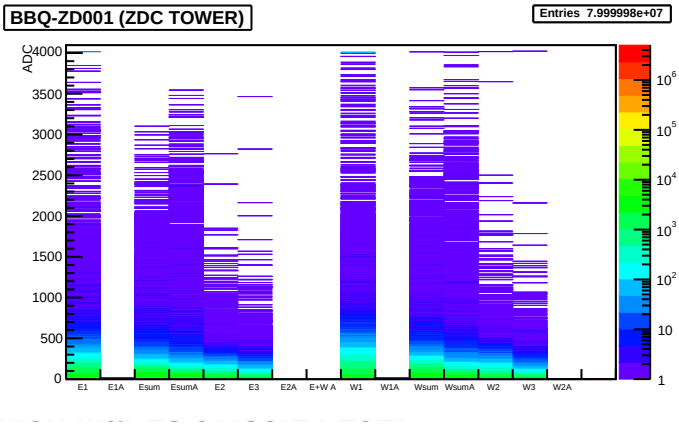

BBQ-VP001 (LO threshold)
Entries 7.999998e+07
TAC
QT Input Channel

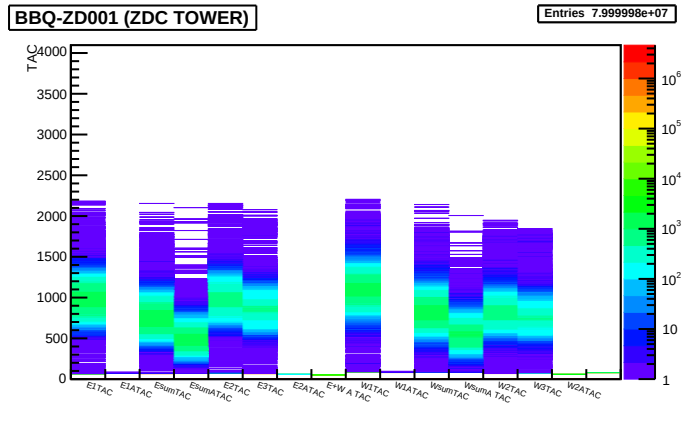

BBQ-VP002 (LO threshold)
Entries 7.999998e+07
ADC
QT Input Channel

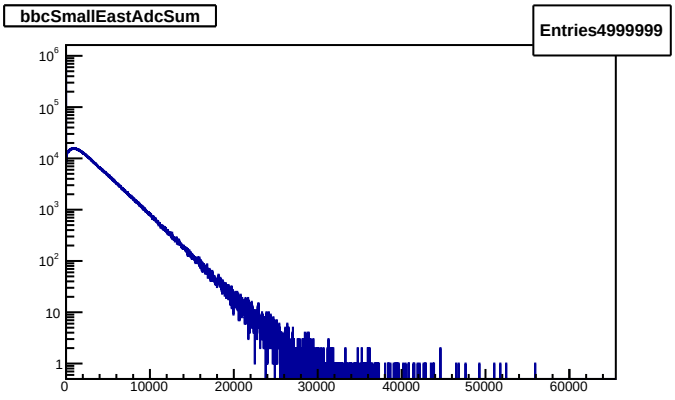

BBQ-VP002 (LO threshold)
Entries 7.999998e+07
TAC
QT Input Channel

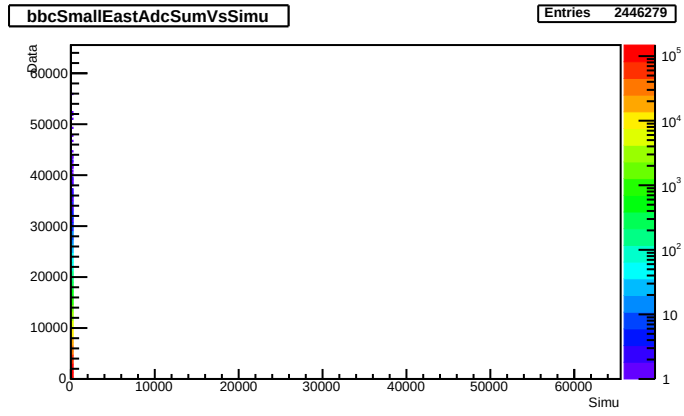

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.999998e+07
ADC
QT Input Channel

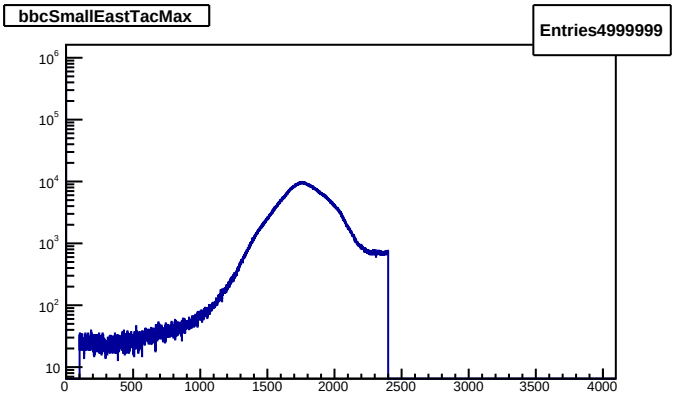

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.999998e+07
TAC
QT Input Channel

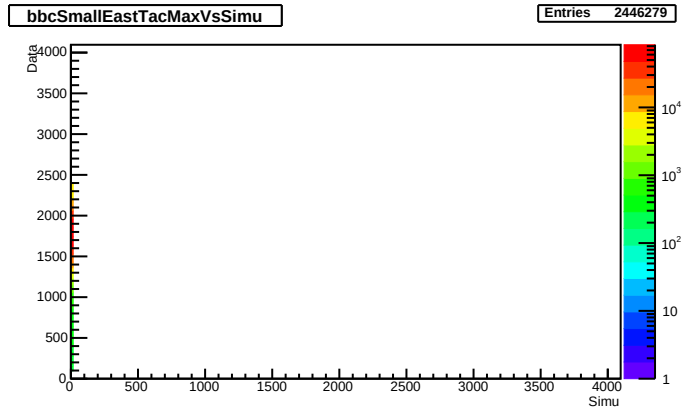

BBQ-ZD001 (ZDC TOWER)
Entries 7.999998e+07
ADC

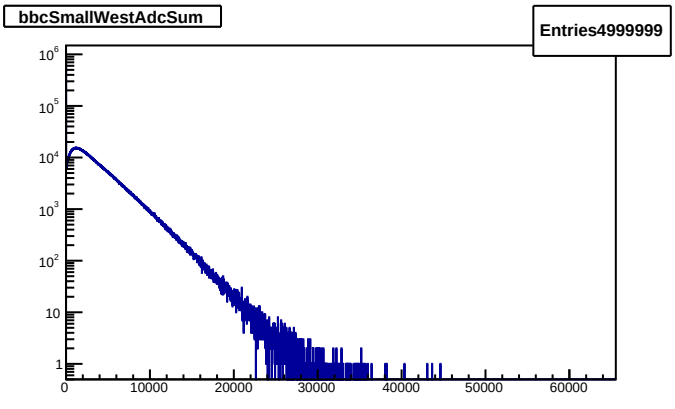

BBQ-ZD001 (ZDC TOWER)
Entries 7.999998e+07
TAC

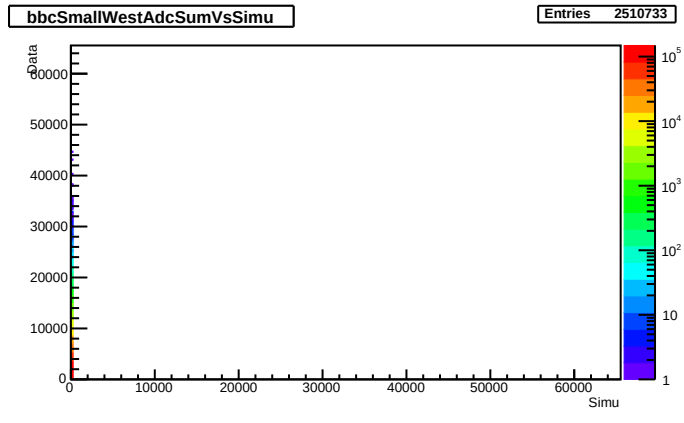

bbcSmallEastAdcSum
Entries4999999

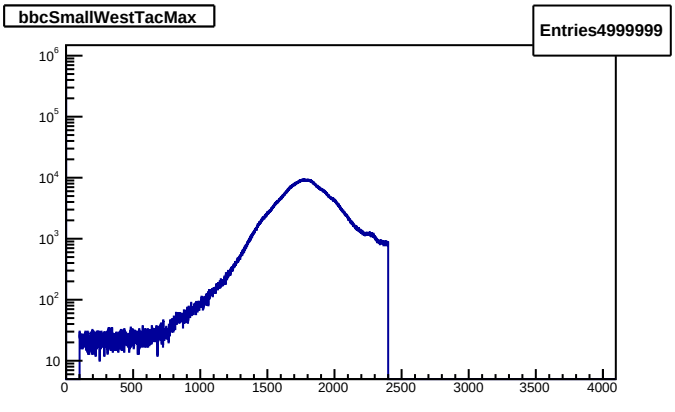

bbcSmallEastAdcSumVsSimu
Entries 2446279
Data
Simu

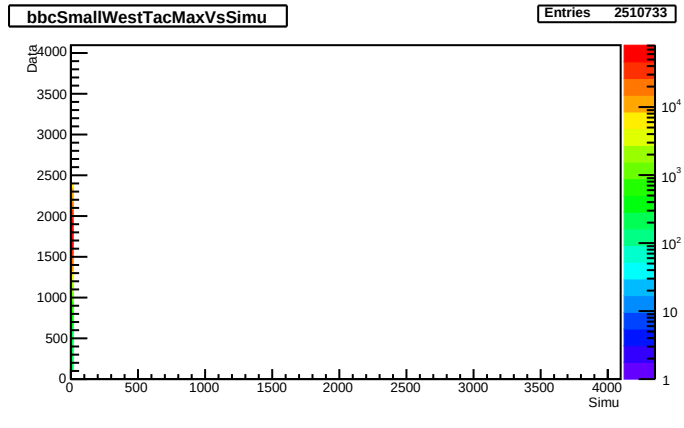

bbcSmallEastTacMax
Entries4999999

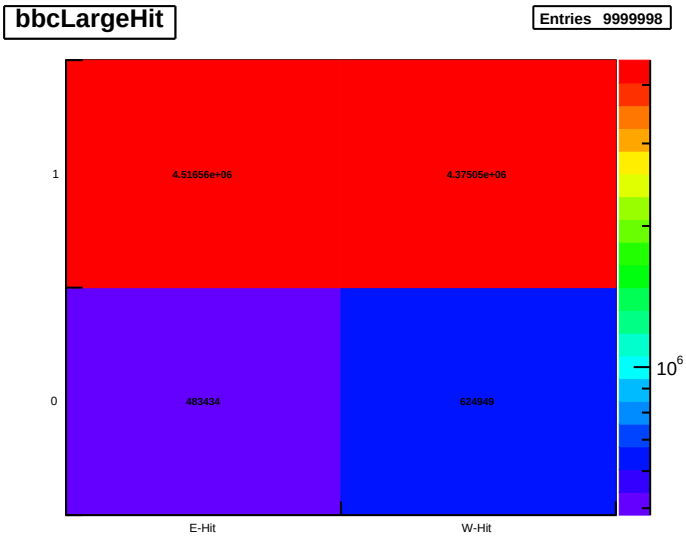

bbcSmallEastTacMaxVsSimu
Entries 2446279
Data
Simu

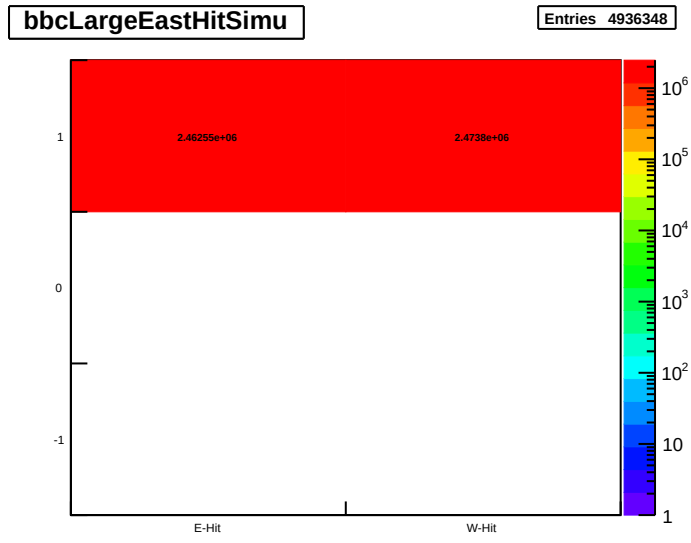

bbcSmallWestAdcSum
Entries4999999

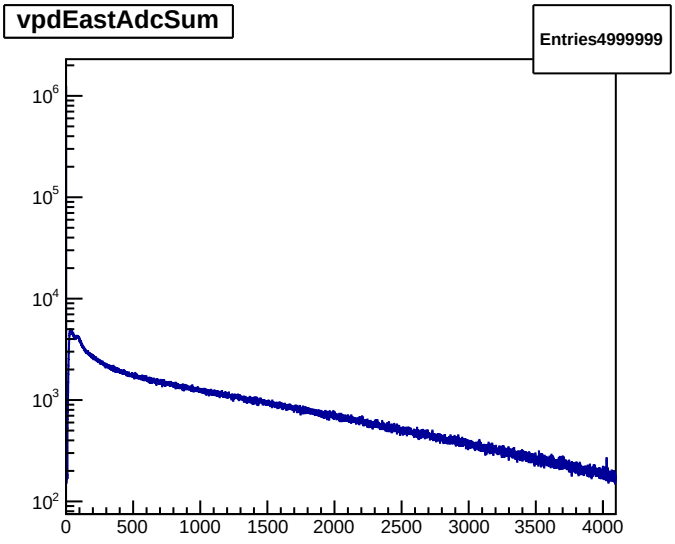

bbcSmallWestAdcSumVsSimu
Entries 2510733
Data
Simu

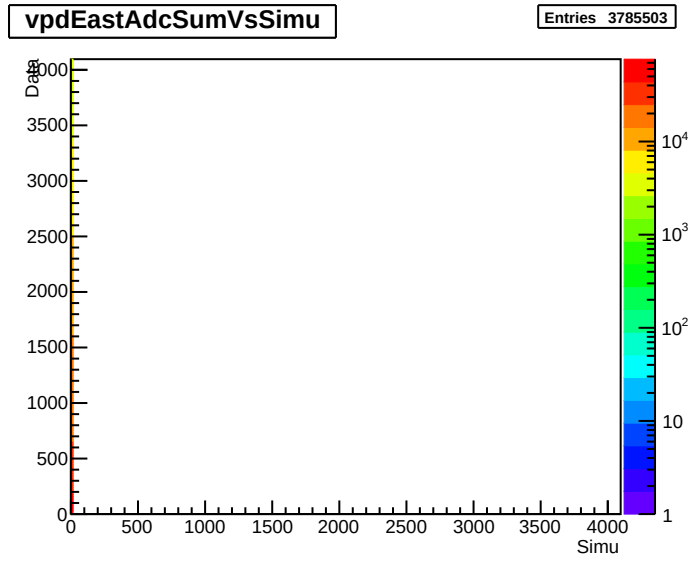

bbcSmallWestTacMax
Entries4999999

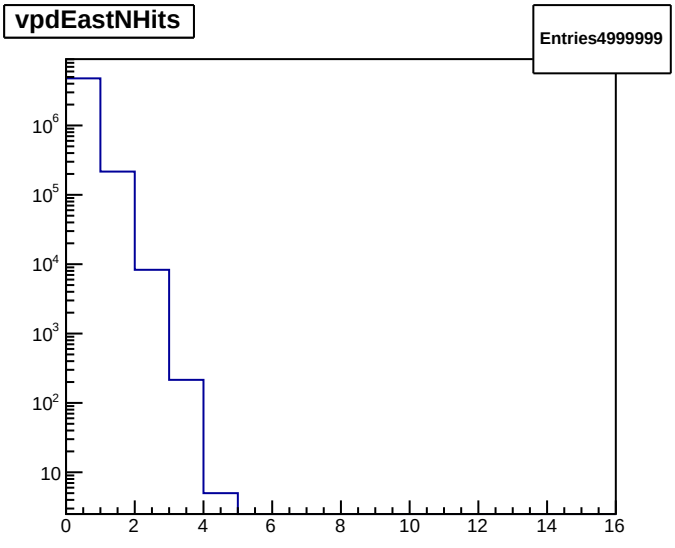

bbcSmallWestTacMaxVsSimu
Entries 2510733
Data
Simu

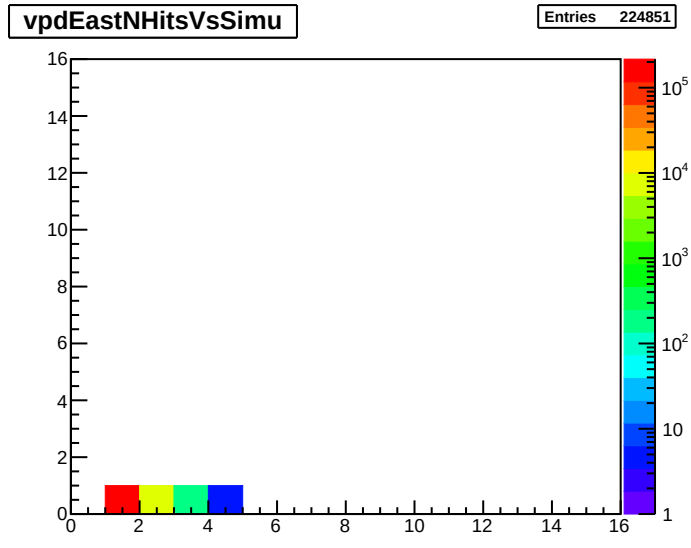

bbcLargeHit
Entries 9999998
4.51656e+06
4.37505e+06
483434
624949
1
0
E-Hit
W-Hit
10^6

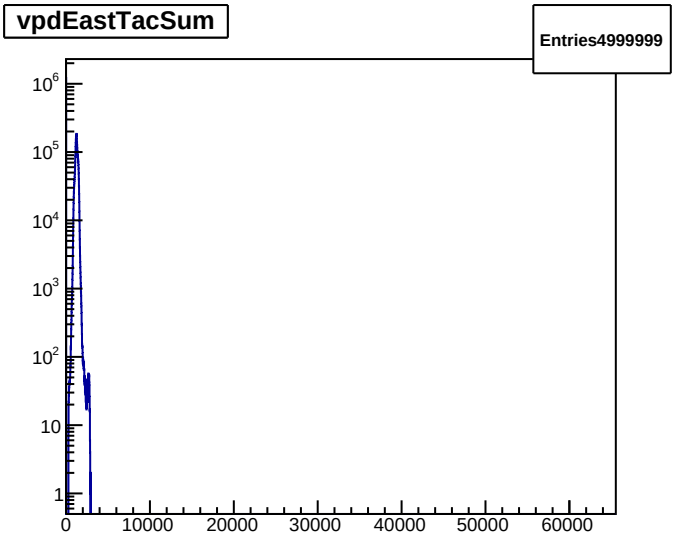

bbcLargeEastHitSimu
Entries 4936348
2.46255e+06
2.4738e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

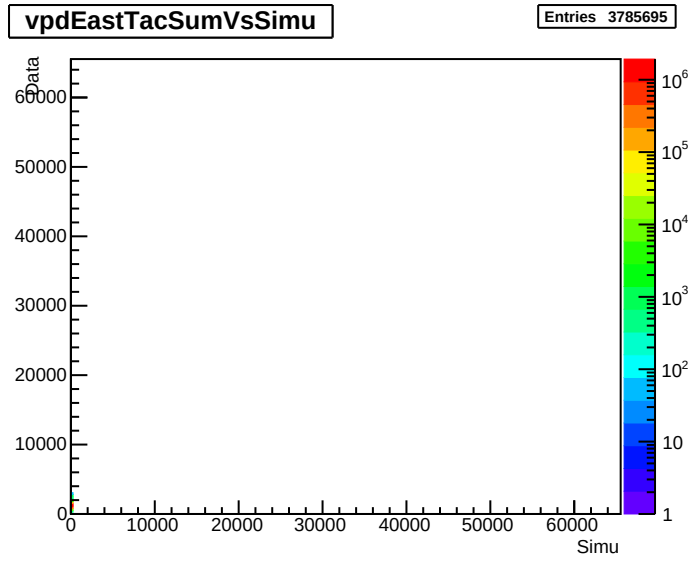

vpdEastAdcSum
Entries4999999

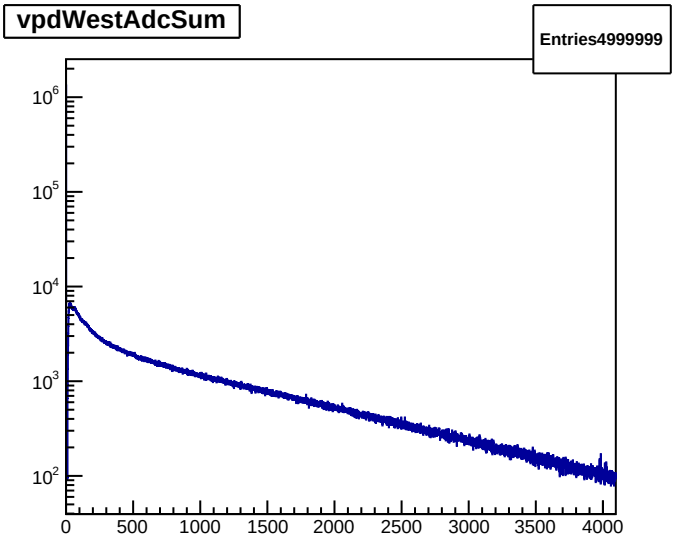

vpdEastAdcSumVsSimu
Entries 3785503
Data
Simu

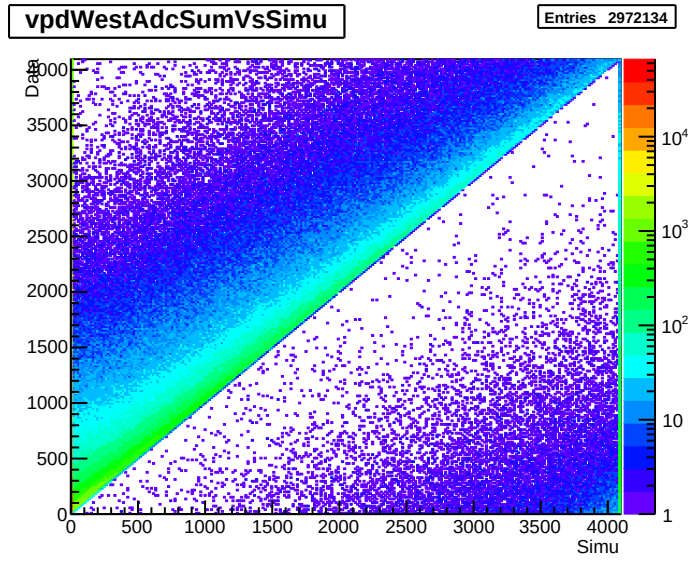

vpdEastNHits
Entries4999999

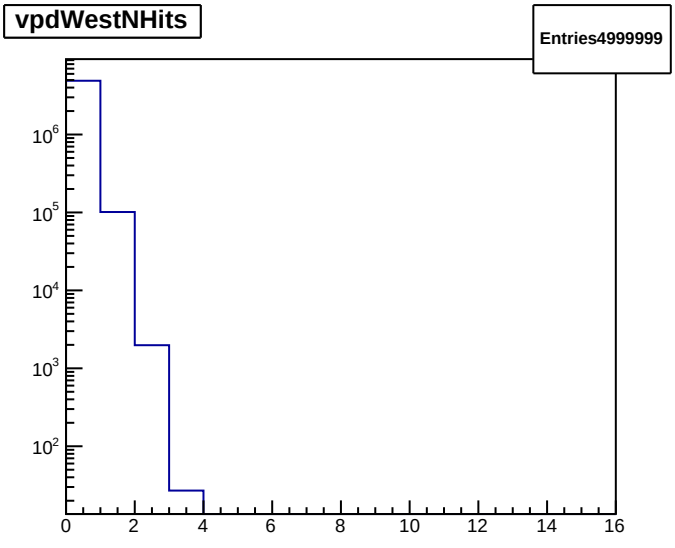

vpdEastNHitsVsSimu
Entries 224851

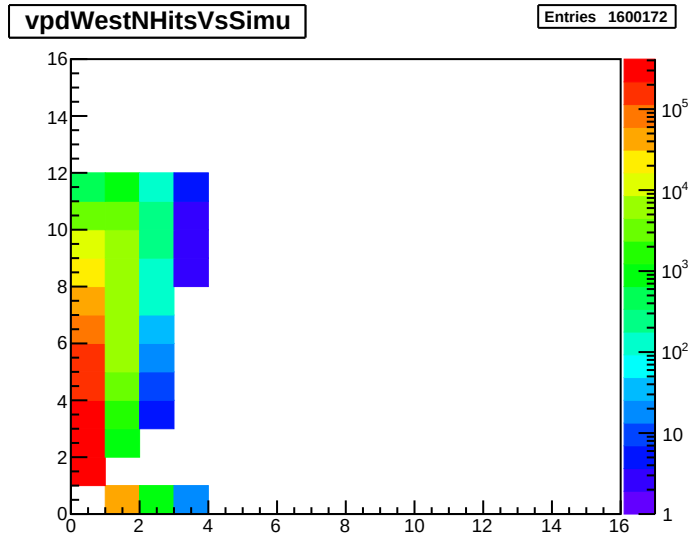

vpdEastTacSum
Entries4999999

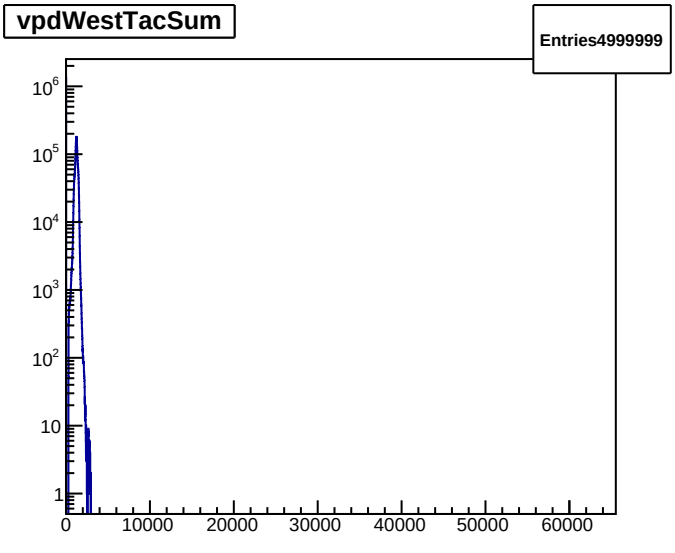

vpdEastTacSumVsSimu
Entries 3785695
Data
Simu

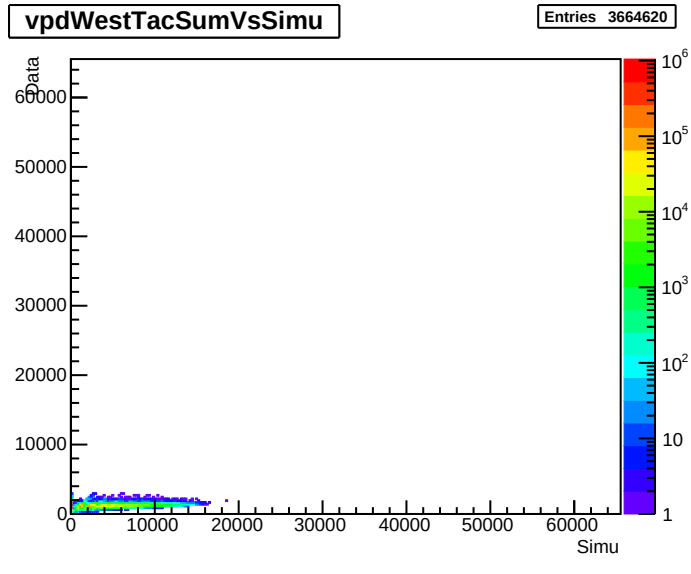

vpdWestAdcSum
Entries4999999

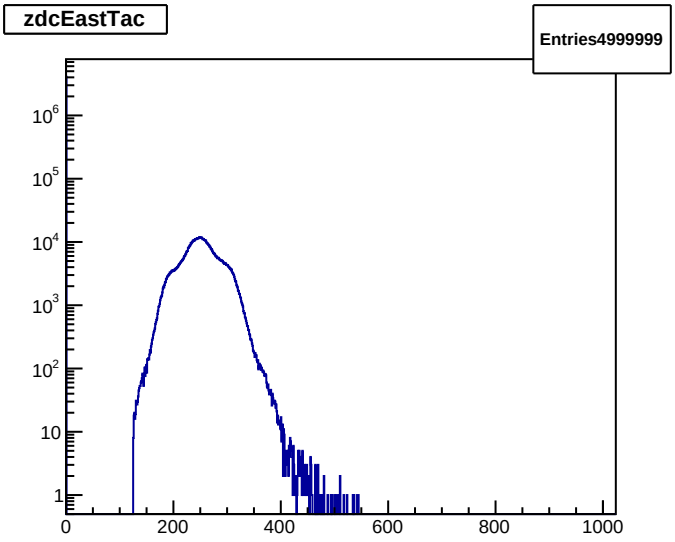

vpdWestAdcSumVsSimu
Entries 2972134
Data
Simu

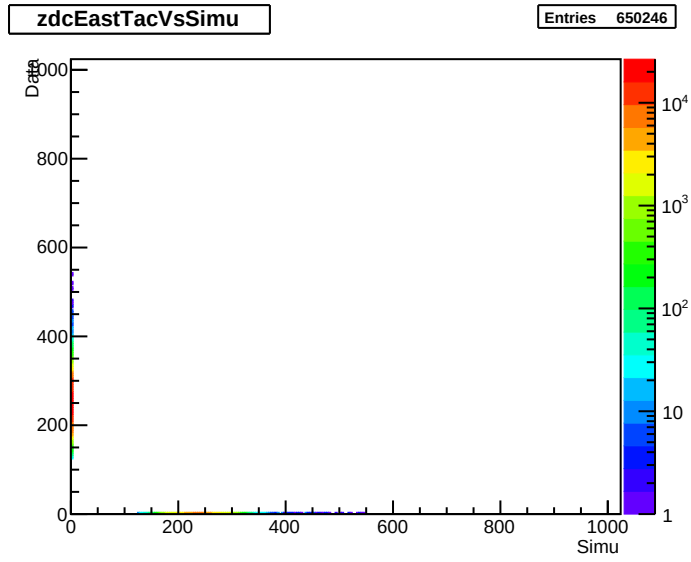

vpdWestNHits
Entries4999999

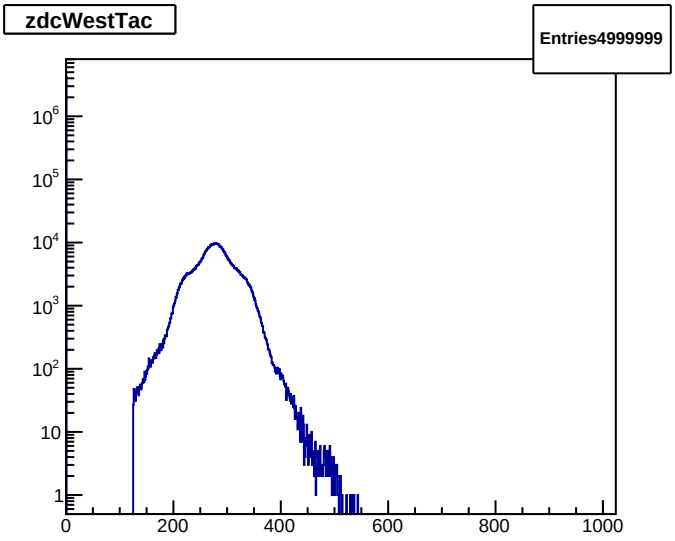

vpdWestNHitsVsSimu
Entries 1600172

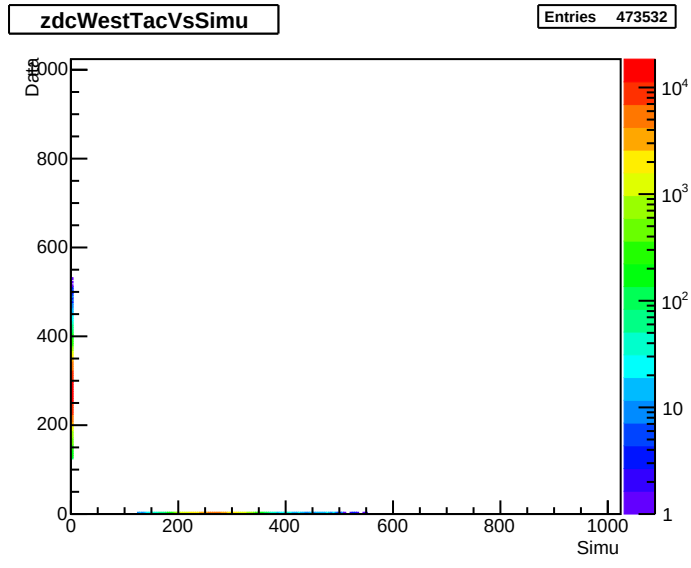

vpdWestTacSum
Entries4999999

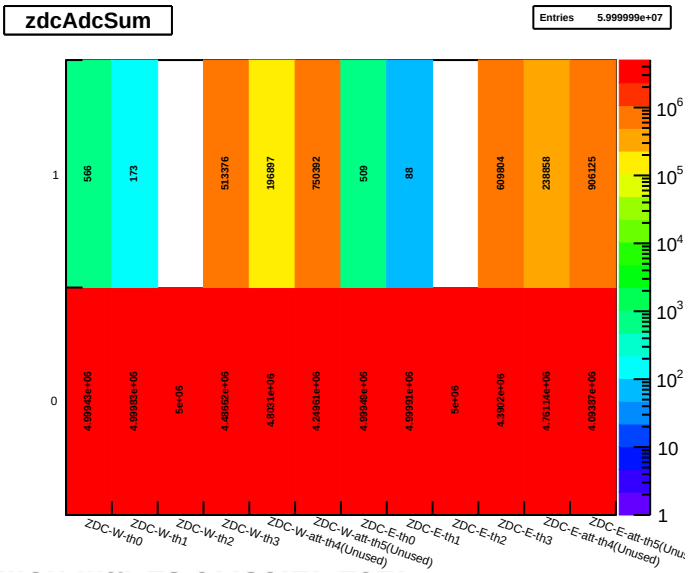

vpdWestTacSumVsSimu
Entries 3664620
Data
Simu

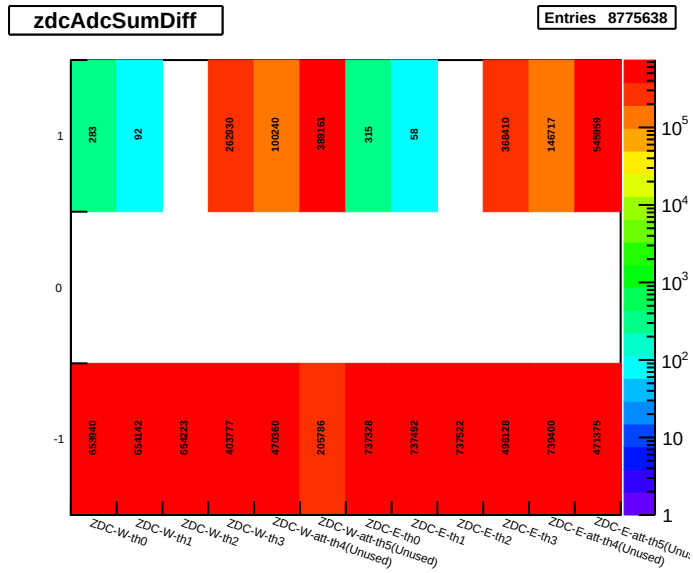

zdcEastTac
Entries4999999

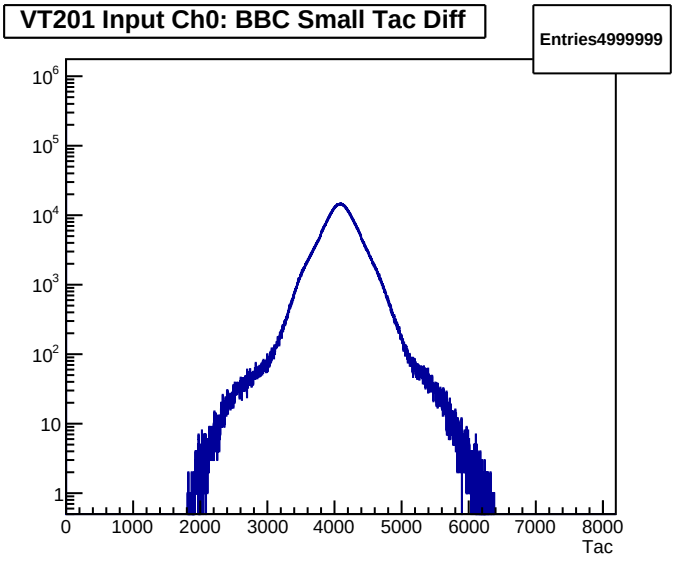

zdcEastTacVsSimu
Entries 650246
Data
Simu

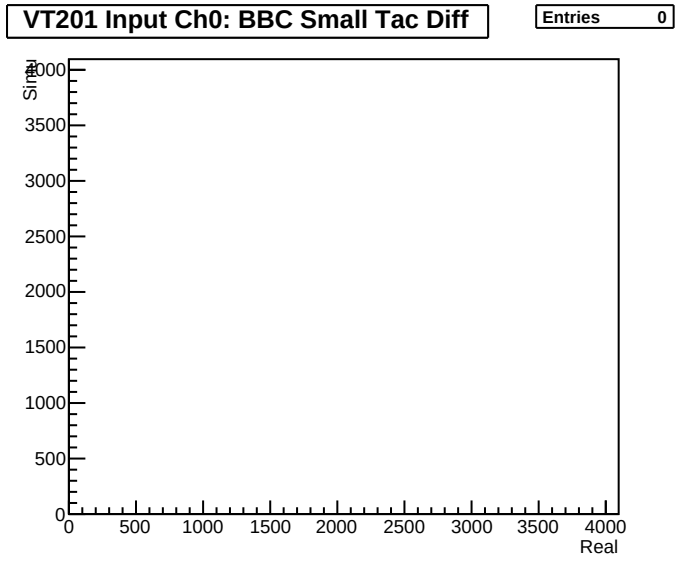

zdcWestTac
Entries4999999

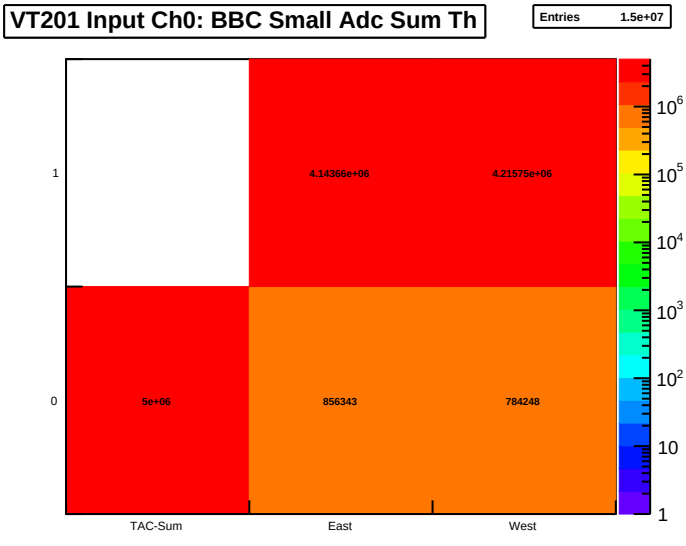

zdcWestTacVsSimu
Entries 473532
Data
Simu

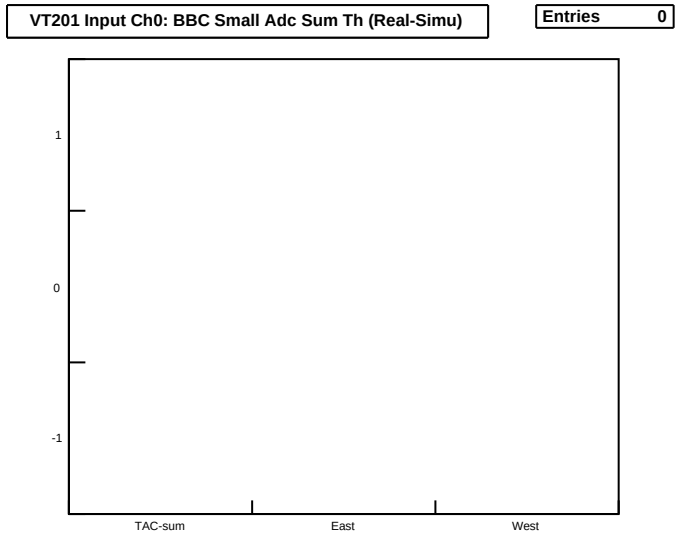

zdcAdcSum
Entries 5.999999e+07
566
173
513376
196897
750392
509
88
609804
238858
906125
4.99942e+06
4.99983e+06
5e+06
4.48662e+06
4.8031e+06
4.22061e+06
4.99949e+06
4.99991e+06
5e+06
4.39022e+06
4.76114e+06
4.09387e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

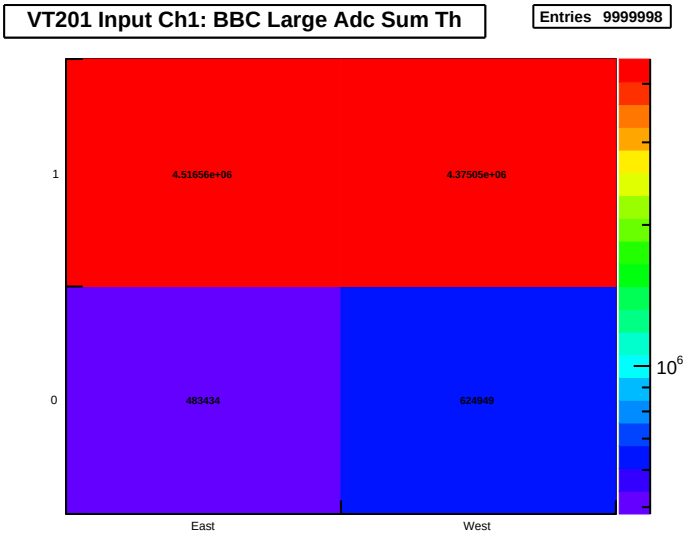

zdcAdcSumDiff
Entries 8775638
283
92
262930
100240
389161
315
58
368410
146717
545959
653940
654142
654223
403777
470360
205786
737328
737492
737522
498128
739400
471375
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

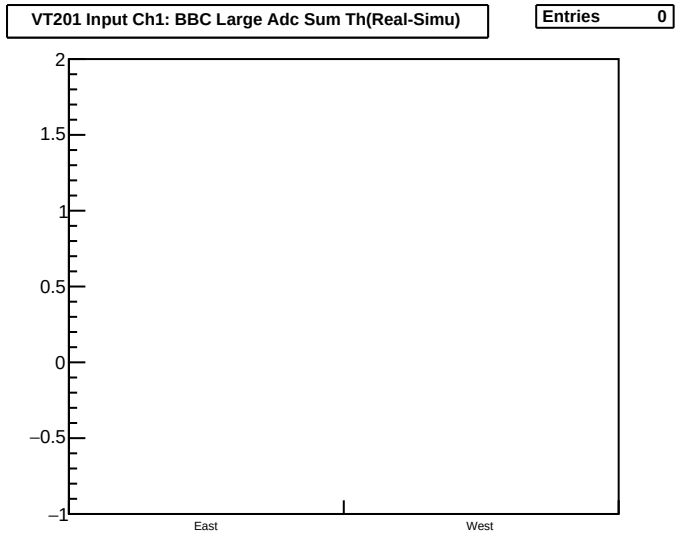

VT201 Input Ch0: BBC Small Tac Diff
Entries4999999
Tac


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

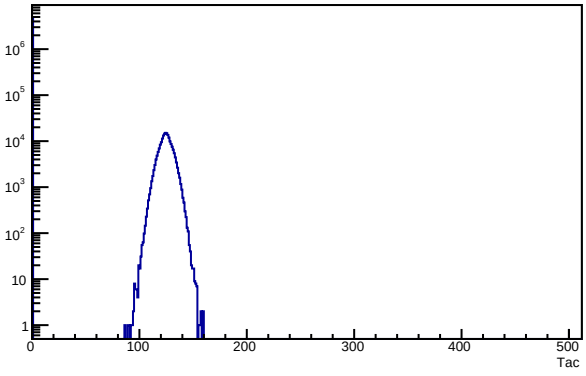

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.5e+07
4.14366e+06
4.21575e+06
5e+06
856343
784248
TAC-Sum
East
West


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

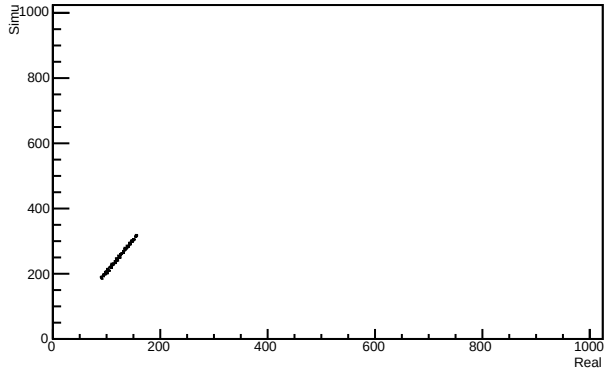

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 9999998
4.51656e+06
4.37505e+06
483434
624949
East
West


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

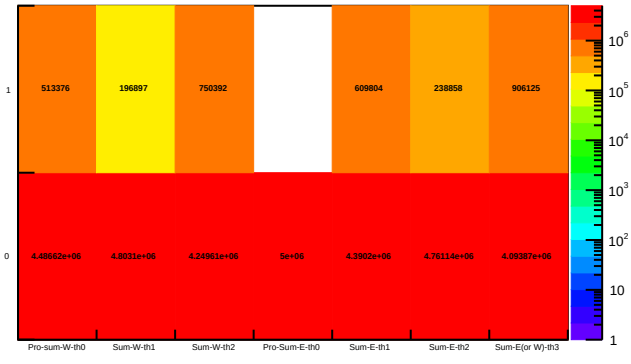
VT201 Input Ch2: ZDC Tac Diff



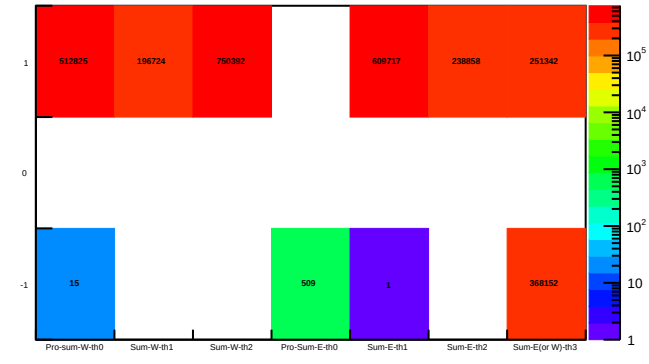
VT201 Input Ch2: ZDC Tac Diff



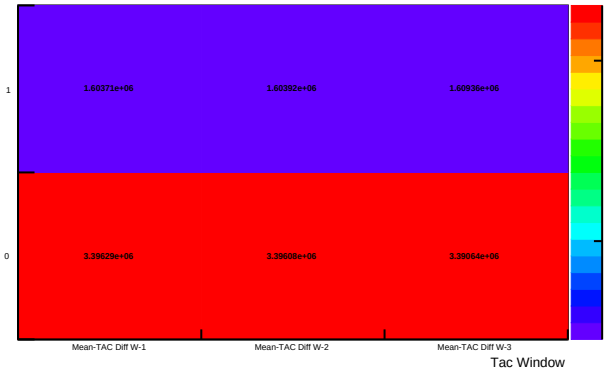
VT201 Input Ch2: ZDC Adc Sum Th



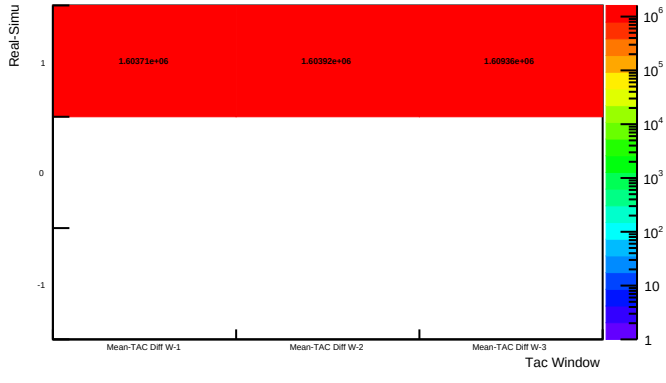
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



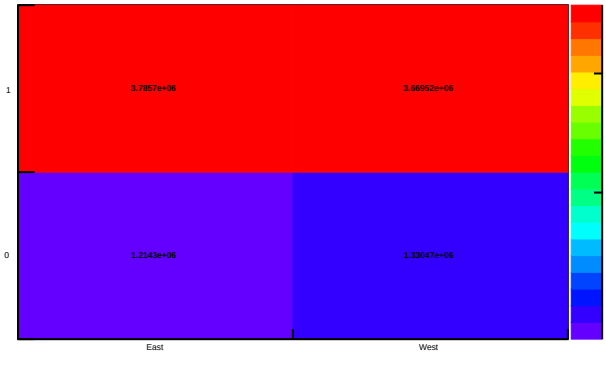
VT201 Input Ch4: VPD Tac Diff



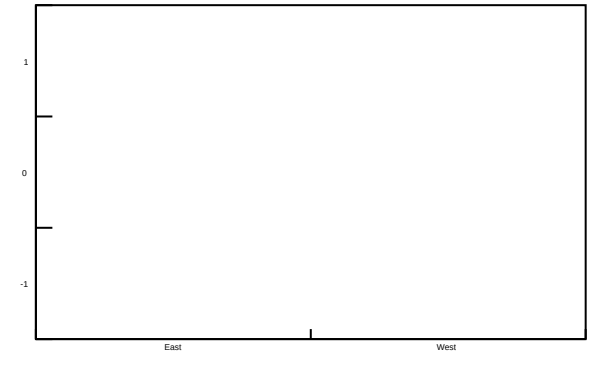
VT201 Input Ch4: VPD Tac Diff

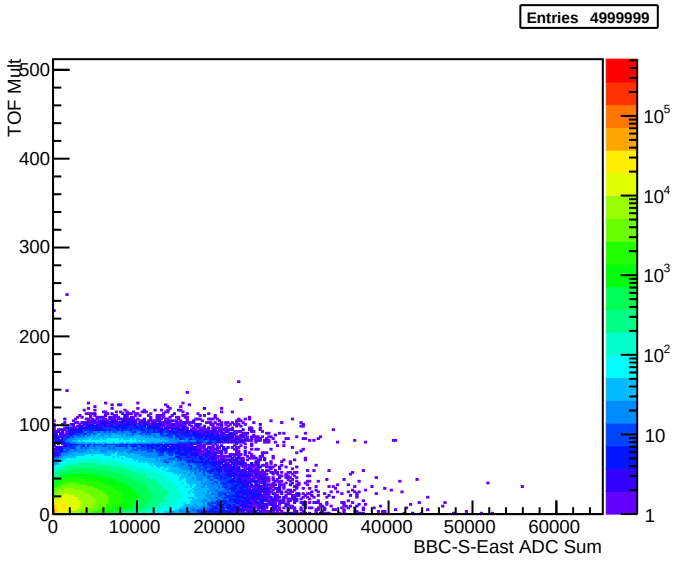


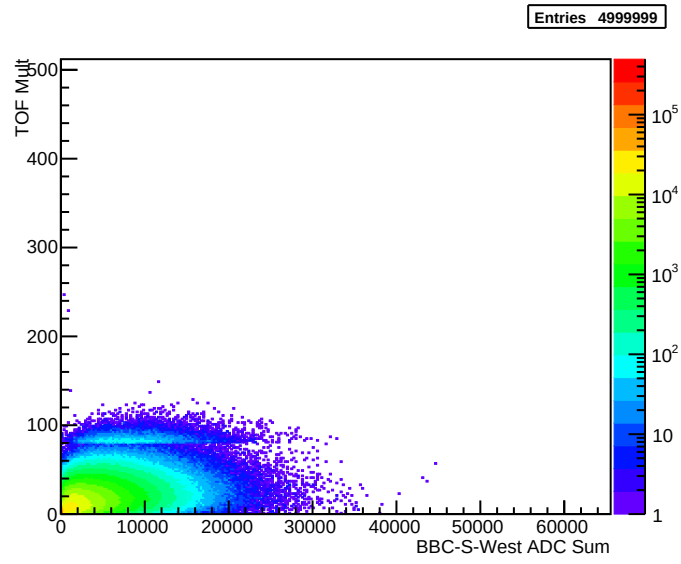
VT201 Input Ch4: VPD Adc Sum Th

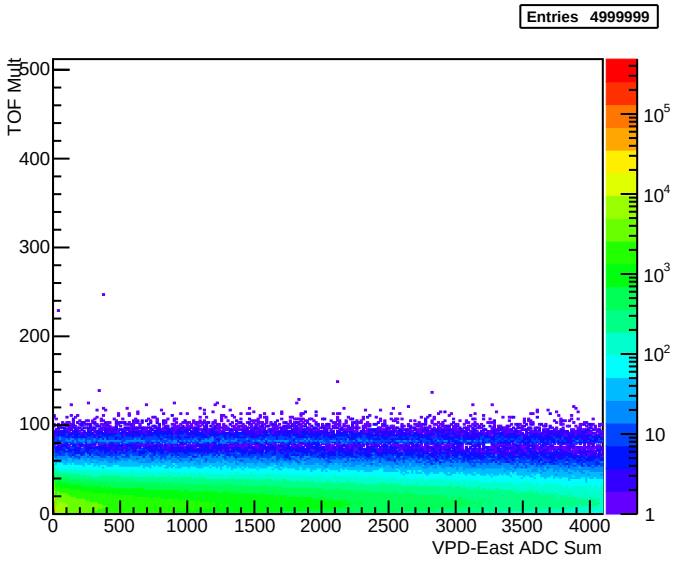


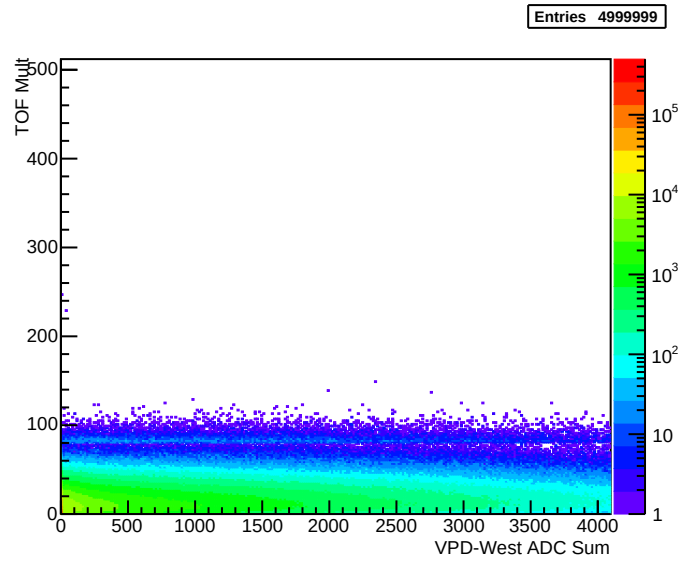
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

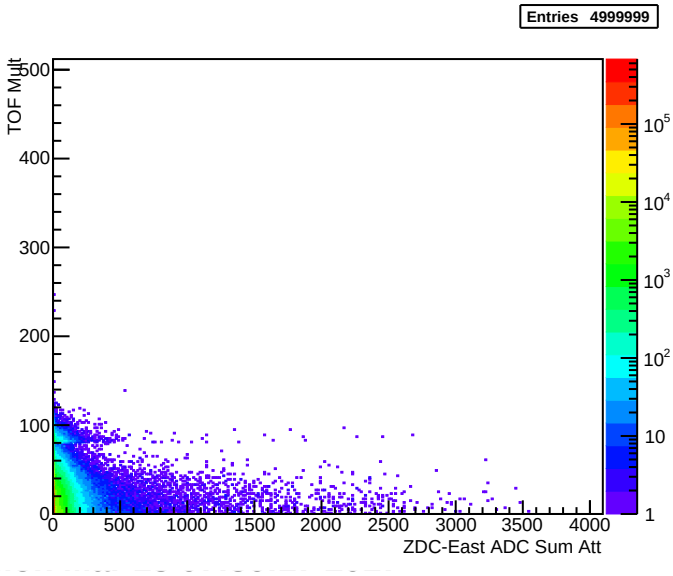


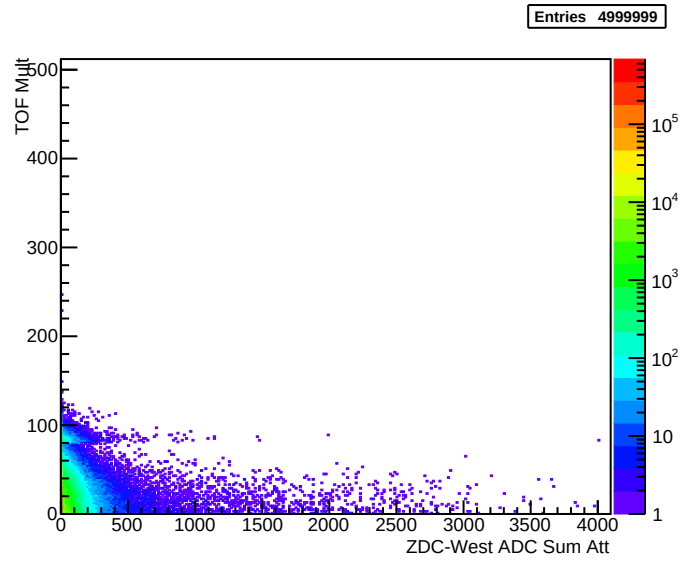

Entries 4999999
TOF Mult
BBC-S-East ADC Sum

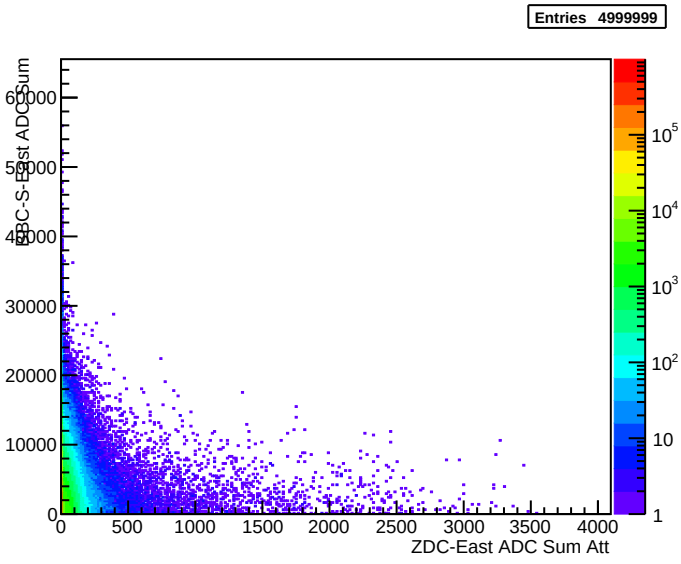

Entries 4999999
TOF Mult
BBC-S-West ADC Sum

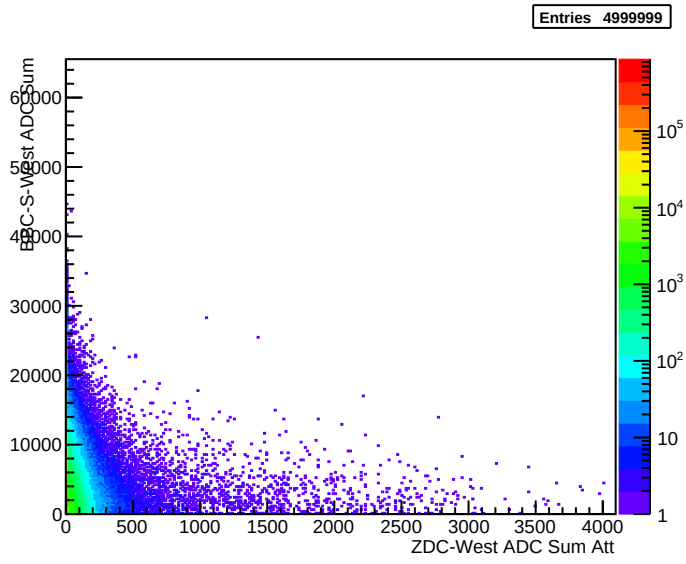

Entries 4999999
TOF Mult
VPD-East ADC Sum

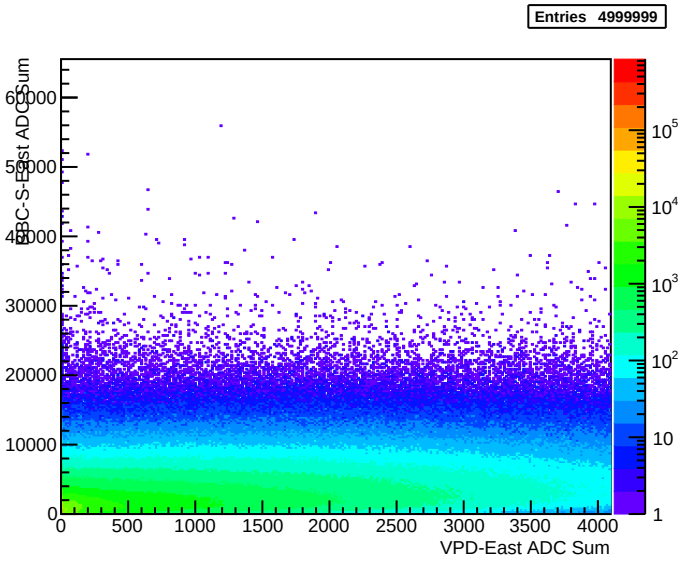

Entries 4999999
TOF Mult
VPD-West ADC Sum

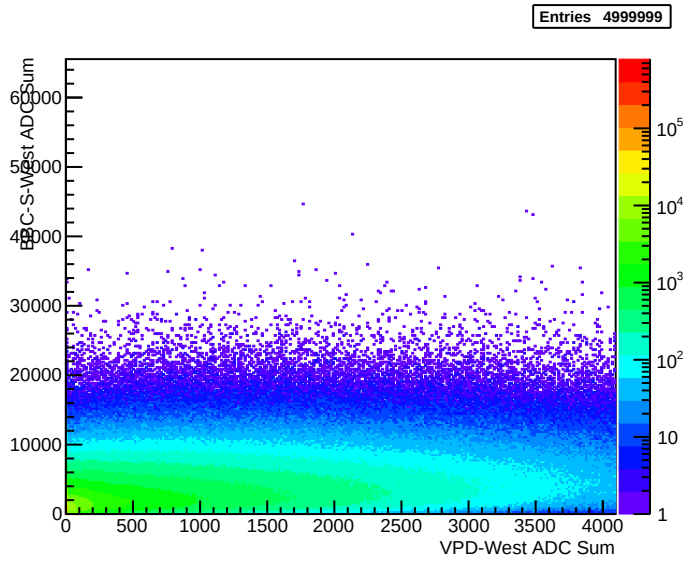

Entries 4999999
TOF Mult
ZDC-East ADC Sum Att

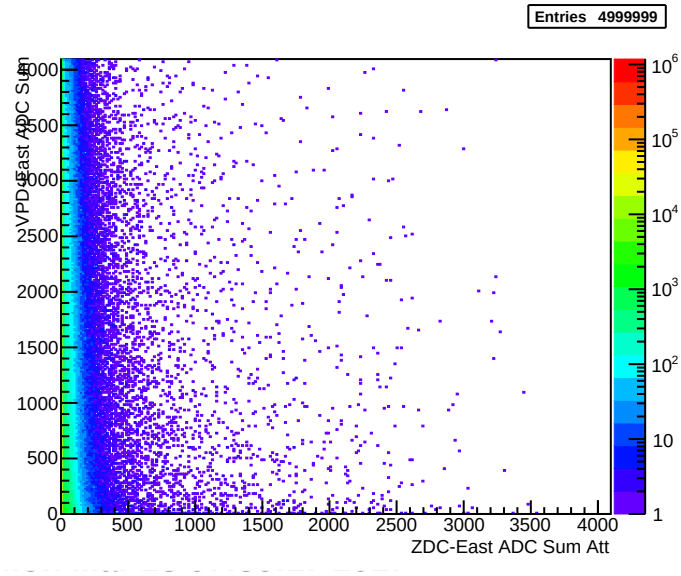

Entries 4999999
TOF Mult
ZDC-West ADC Sum Att

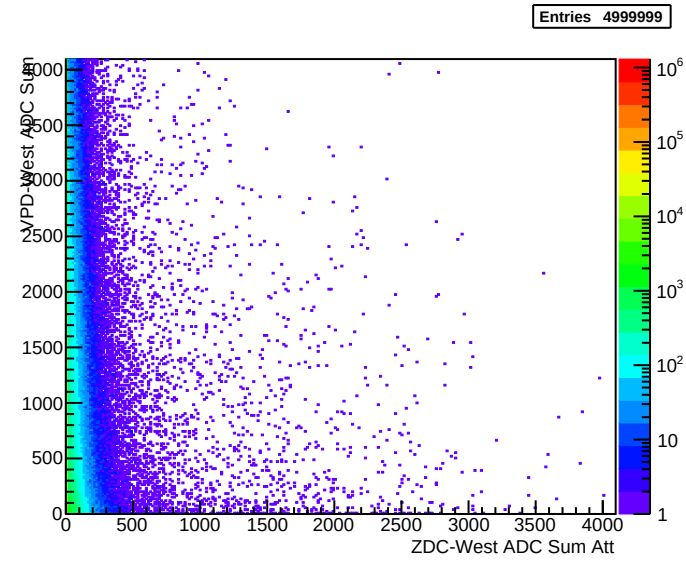

Entries 4999999
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

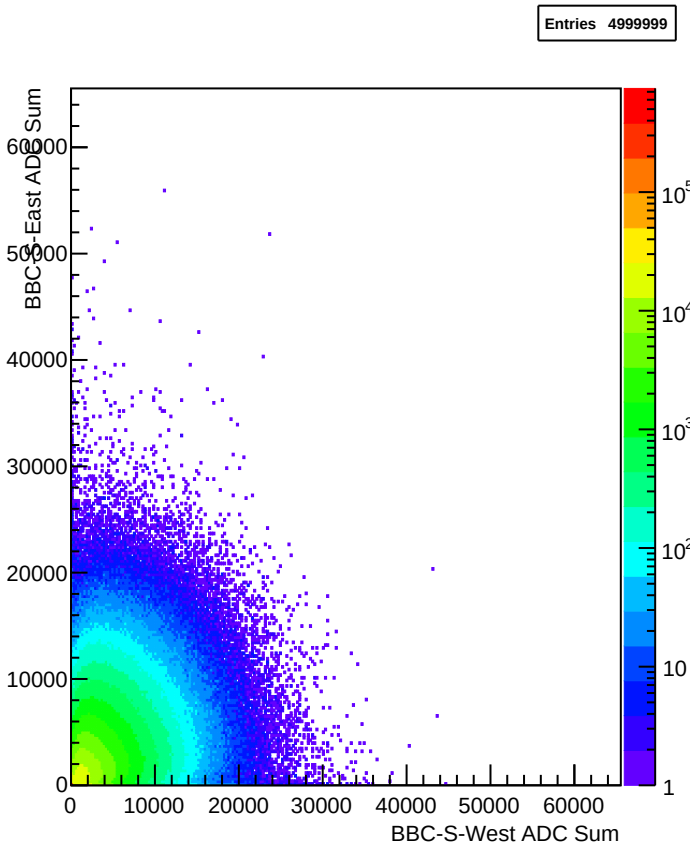

Entries 4999999
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

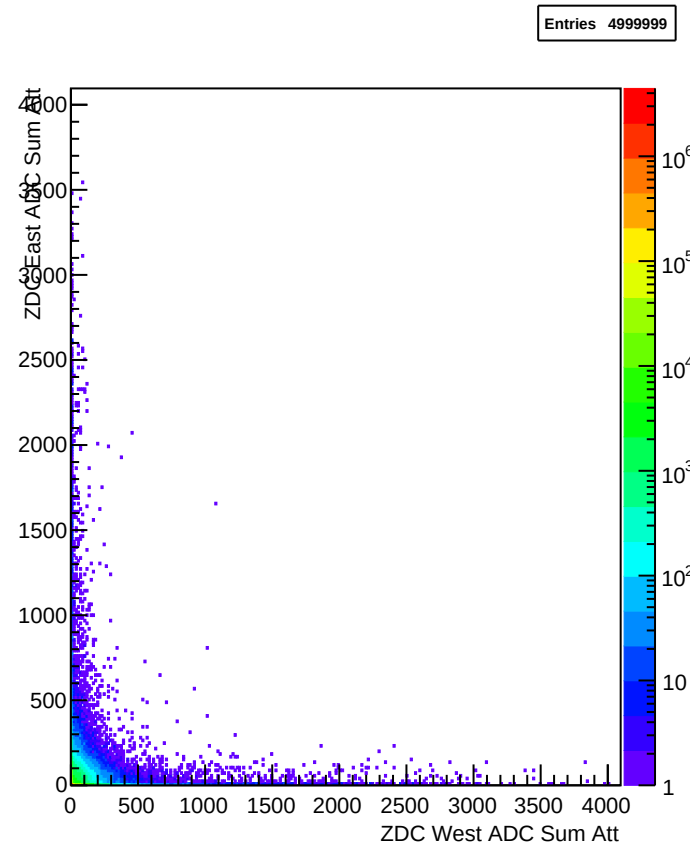

Entries 4999999
BBC-S-East ADC Sum
VPD-East ADC Sum

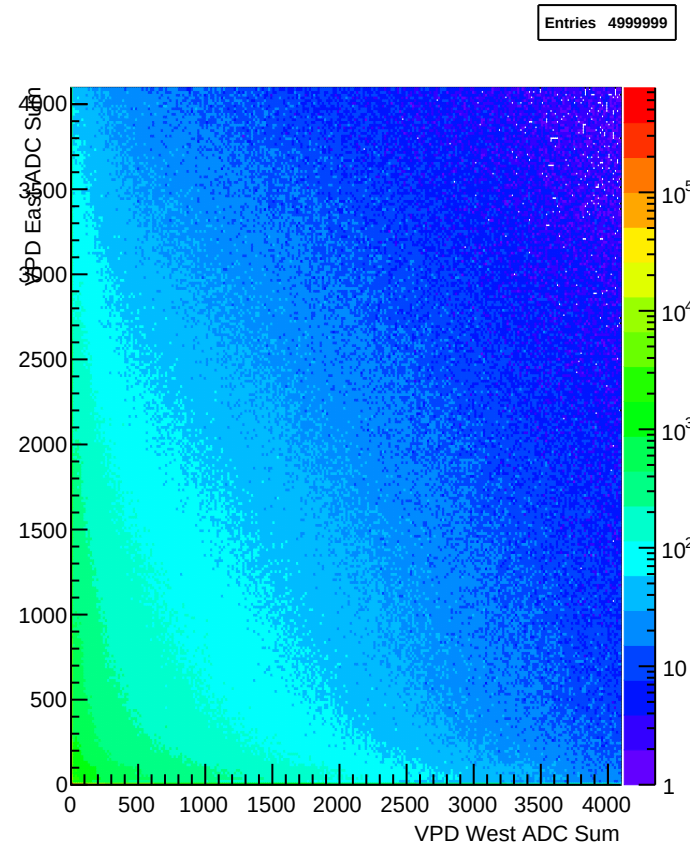

Entries 4999999
BBC-S-West ADC Sum
VPD-West ADC Sum

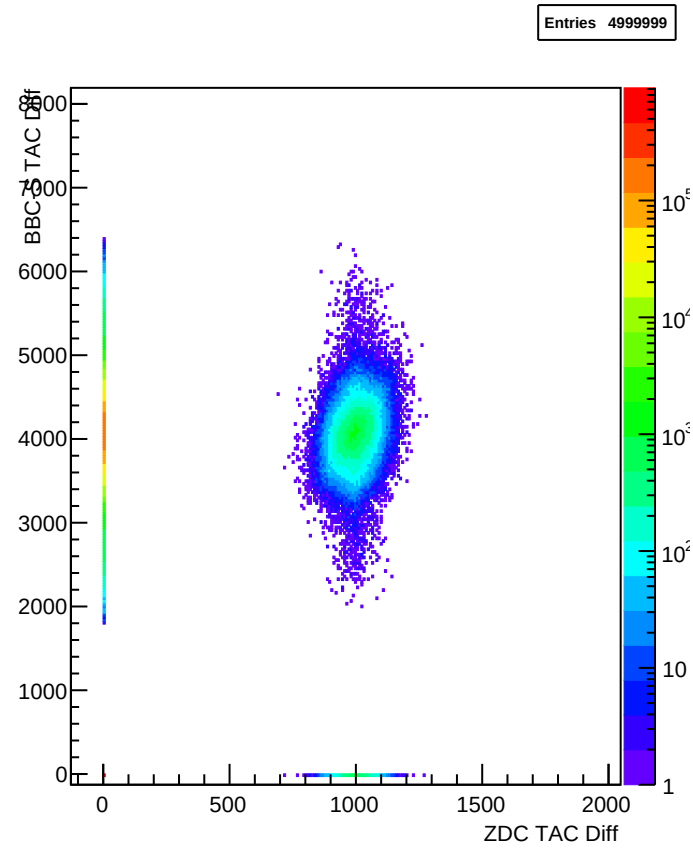

Entries 4999999
VPD-East ADC Sum
ZDC-East ADC Sum Att

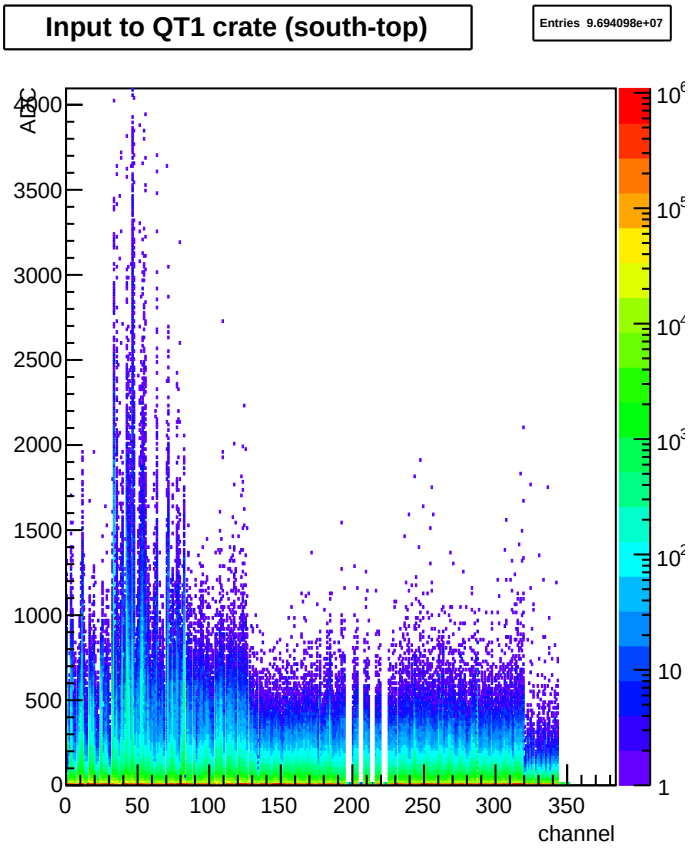

Entries 4999999
VPD-West ADC Sum
ZDC-West ADC Sum Att

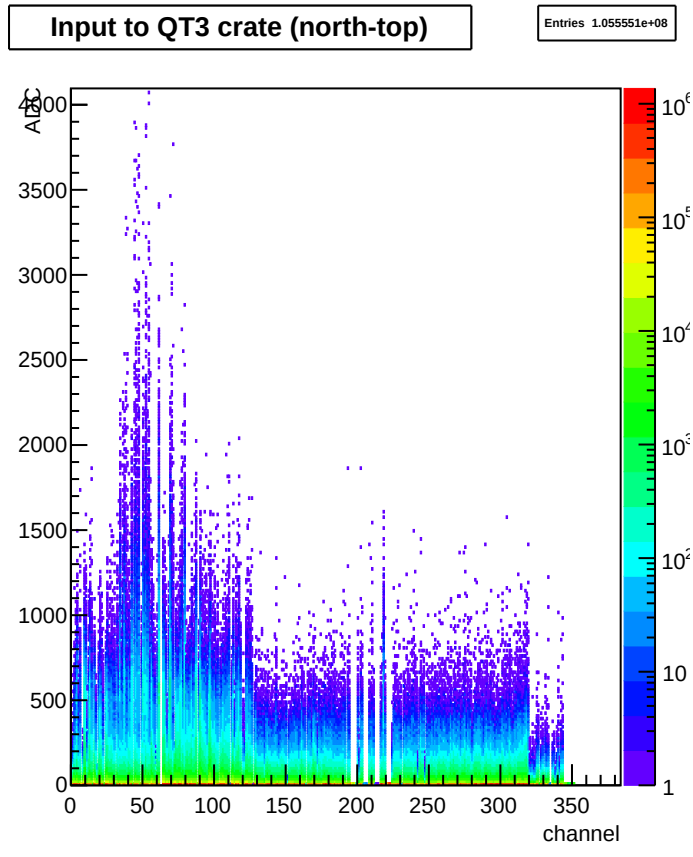

Entries 4999999
BBC-S-East ADC Sum
BBC-S-West ADC Sum

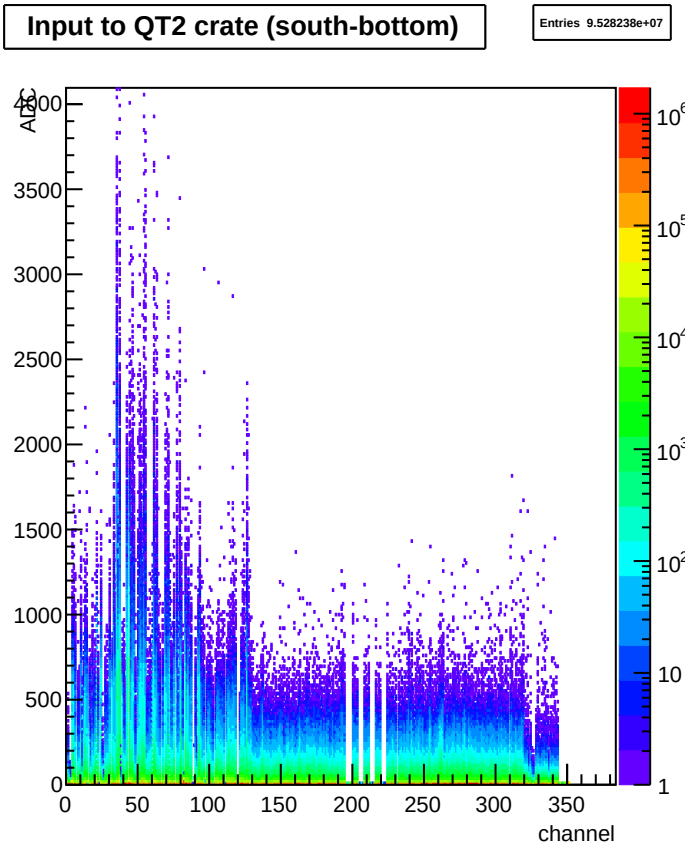

Entries 4999999
ZDC East ADC Sum Att
ZDC West ADC Sum Att

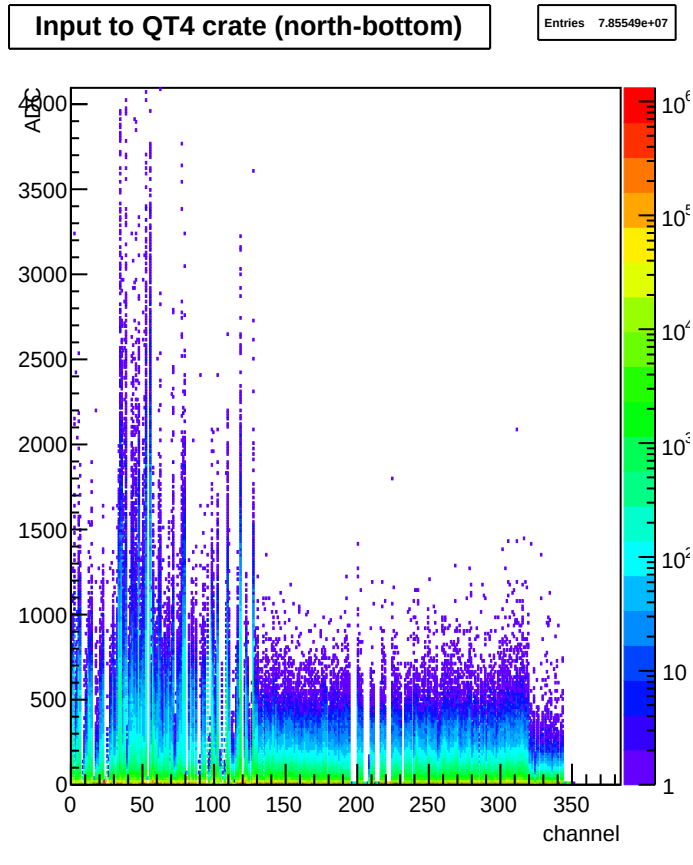

Entries 4999999
VPD East ADC Sum
VPD West ADC Sum

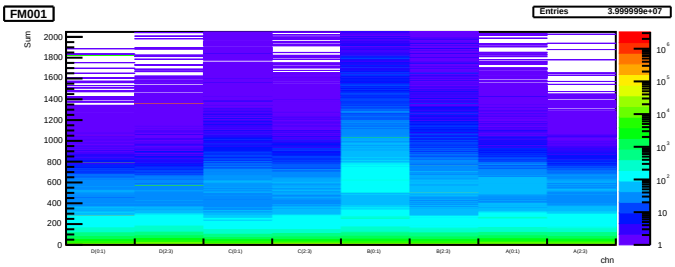

Entries 4999999
BBC-S TAC Diff
ZDC TAC Diff

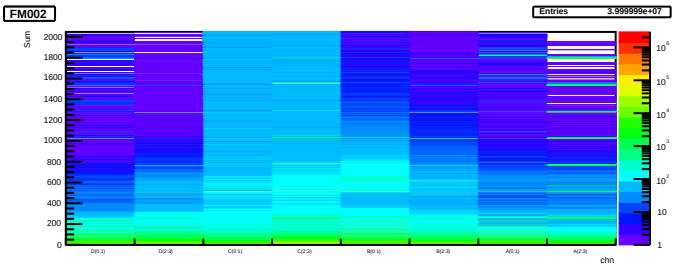

Input to QT1 crate (south-top)
Entries 9.694098e+07
ADC
channel

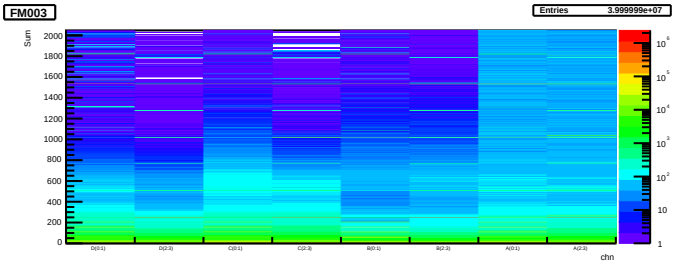

Input to QT3 crate (north-top)
Entries 1.055551e+08
ADC
channel

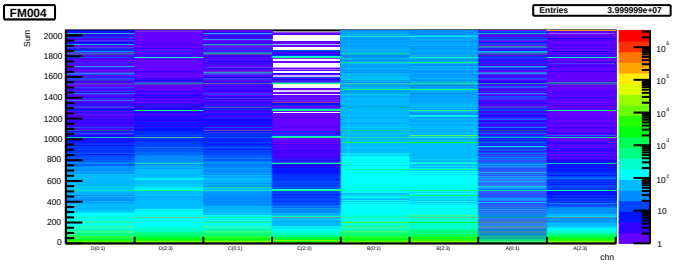

Input to QT2 crate (south-bottom)
Entries 9.528238e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 7.85549e+07
ADC
channel


FM001
Entries 3.999999e+07
Sum
chn


FM002
Entries 3.999999e+07
Sum
chn


FM003
Entries 3.999999e+07
Sum
chn


FM004
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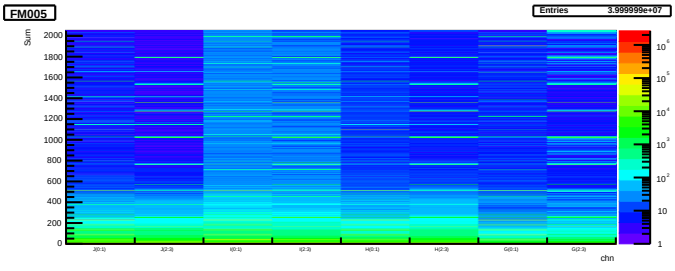
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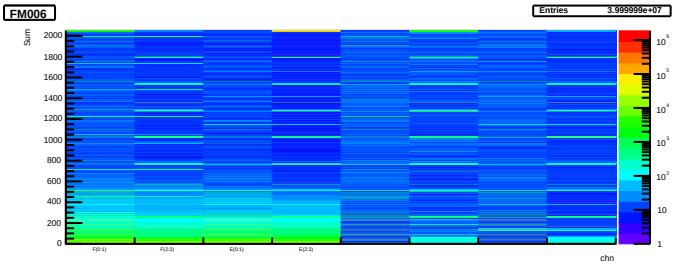
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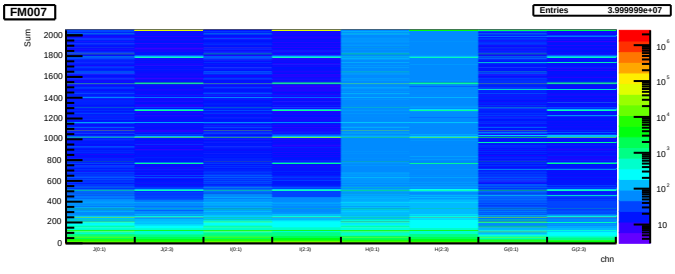
FM007
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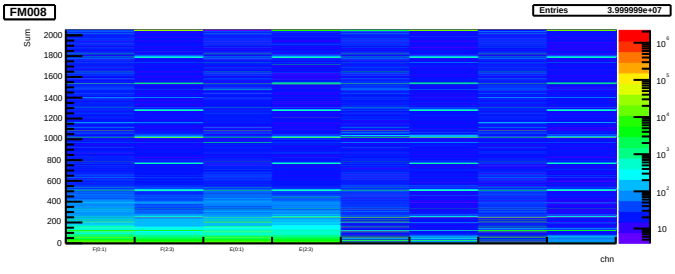
FM008
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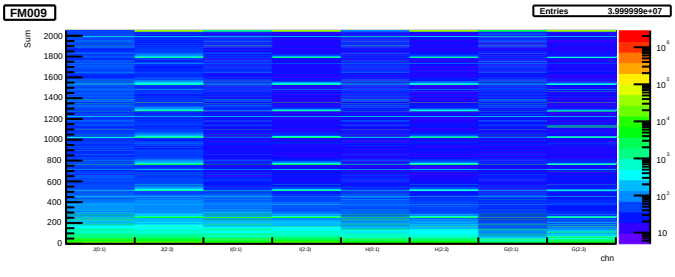
FM009
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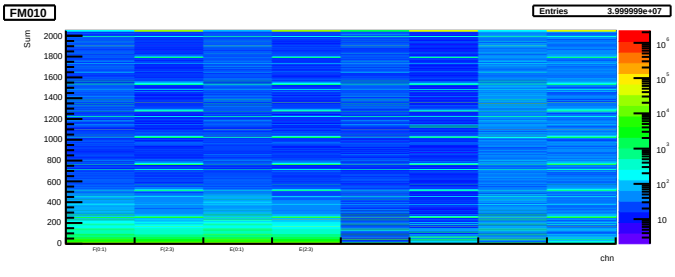
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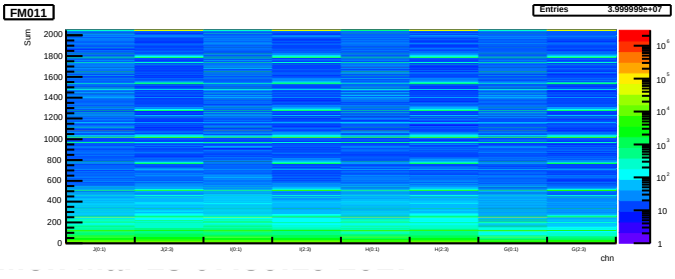
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Entries 3.999999e+07
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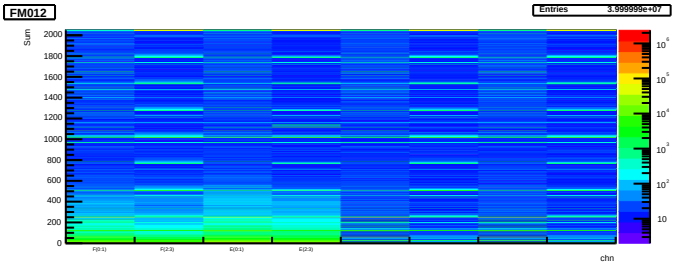
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Entries 3.999999e+07
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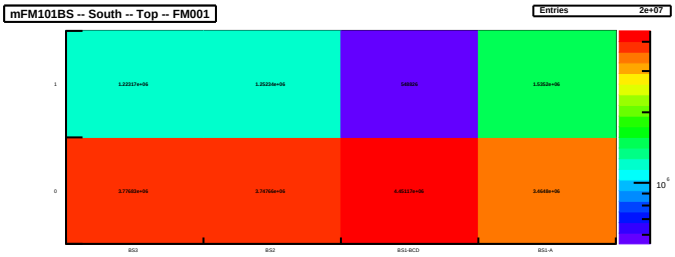
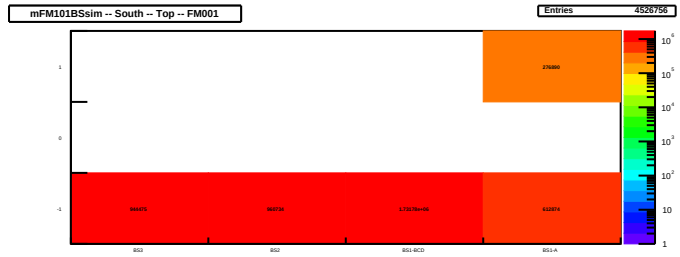

mFM101BS -- South -- Top -- FM001
Entries 2e+07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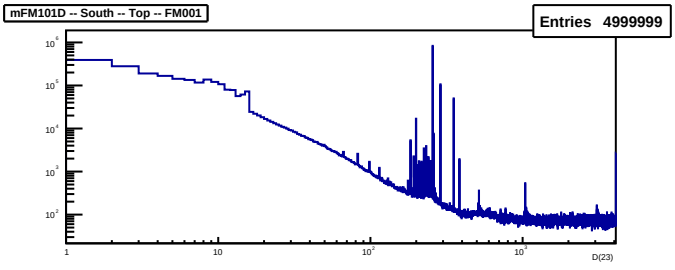
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Entries 4999999
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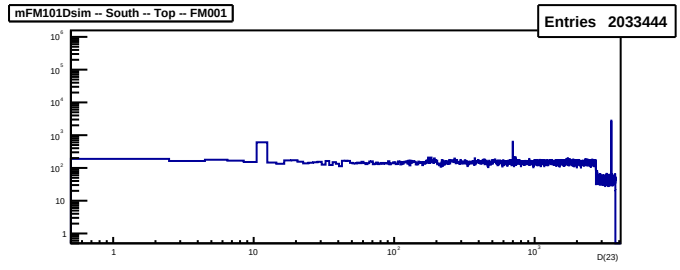
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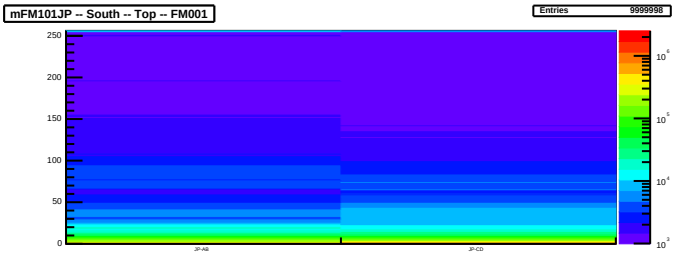
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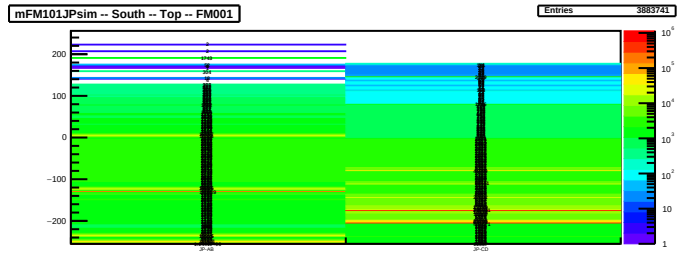
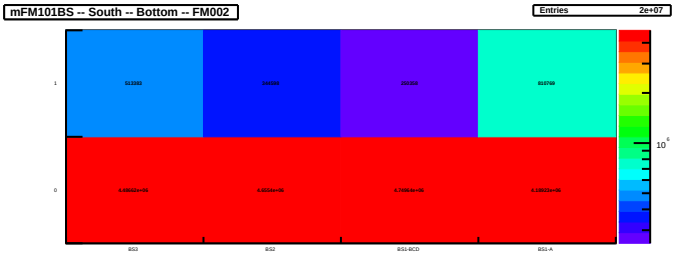
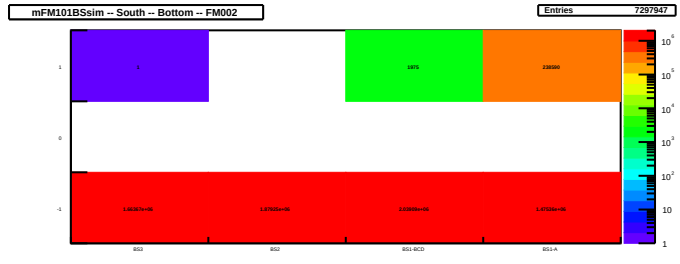
Entries 9999998


mFM101JPsim -- South -- Top -- FM001
Entries 3883741


mFM101BS -- South -- Bottom -- FM002
Entries 2e+07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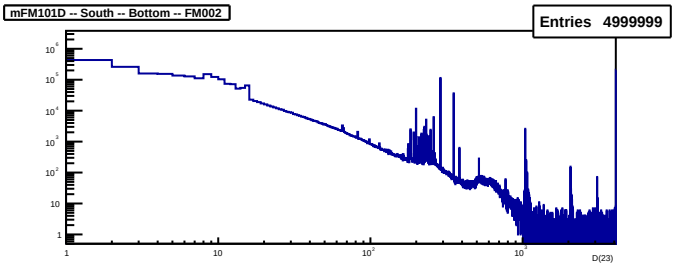
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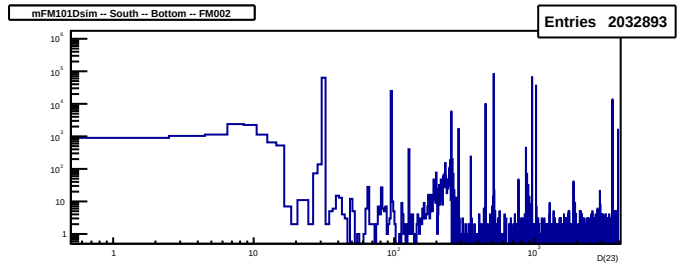
Entries 4999999
D(23)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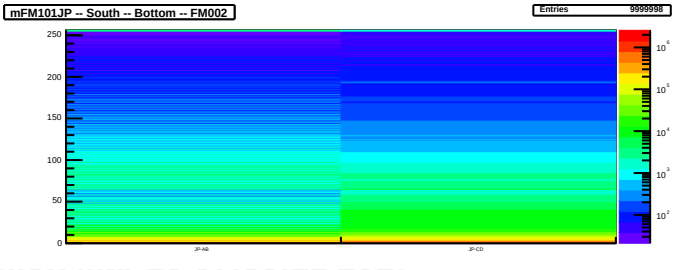
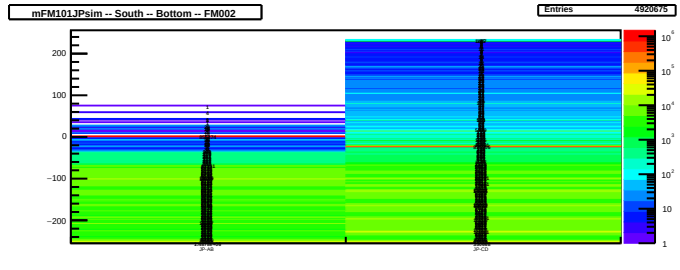

mFM101JP -- South -- Bottom -- FM002
Entries 9999998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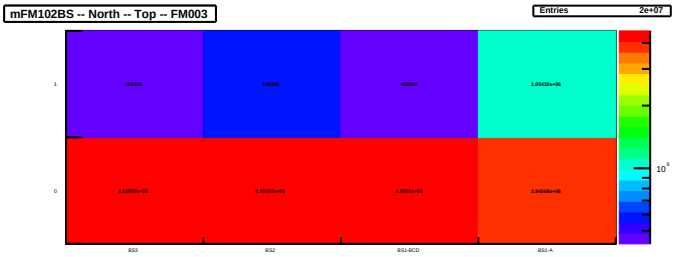
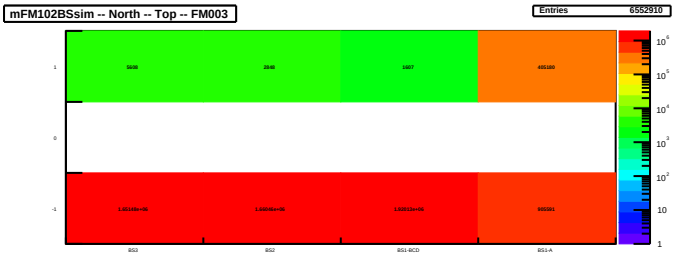

mFM102BS -- North -- Top -- FM003
Entries 2e+07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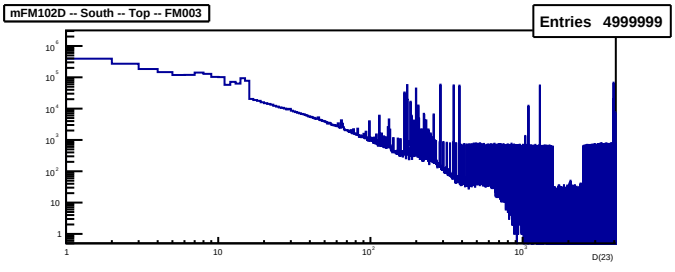
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Entries 4999999
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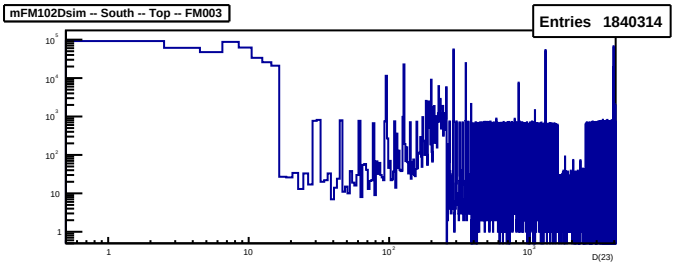
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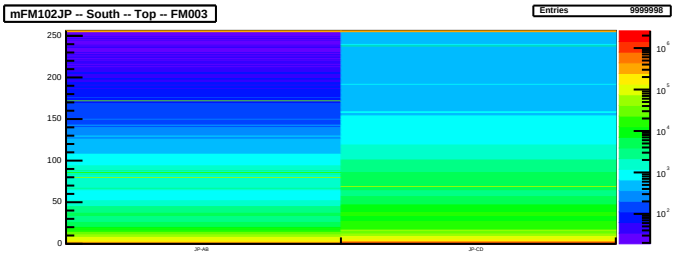
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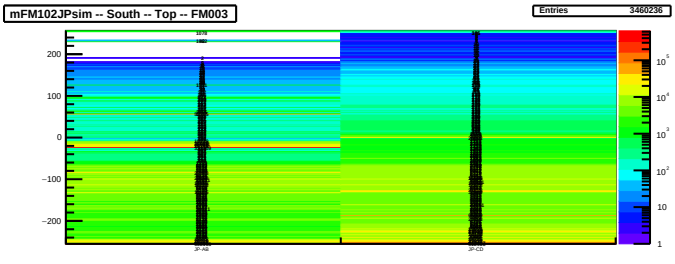
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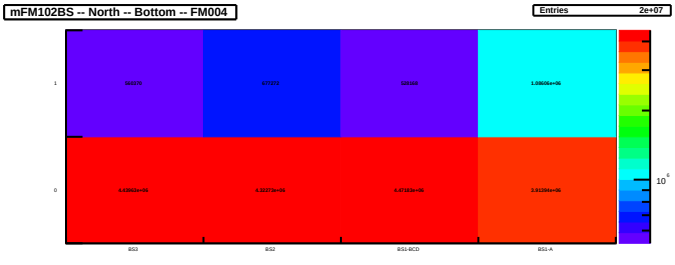
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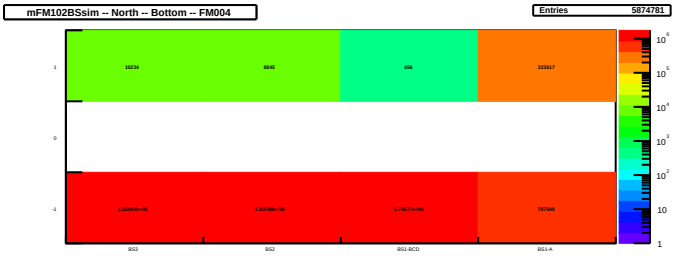
Entries 2e+07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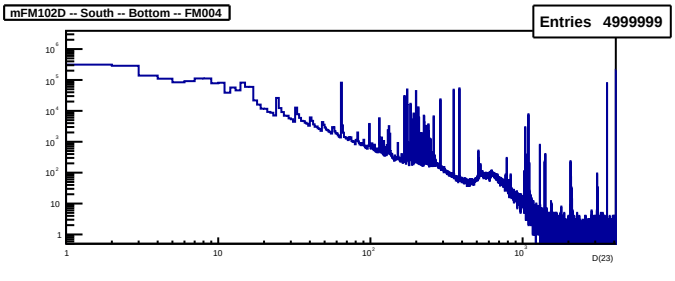
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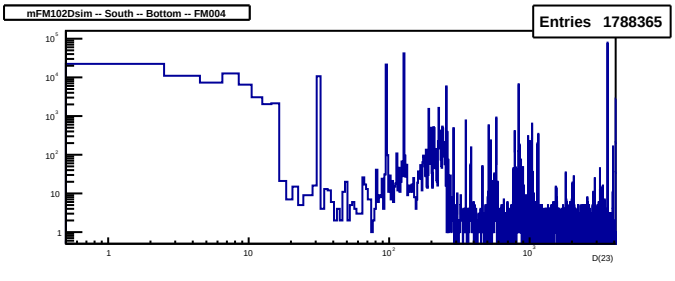
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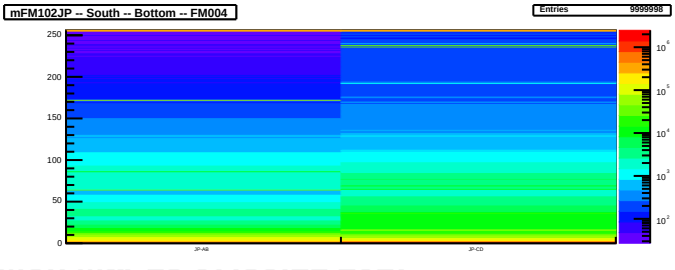
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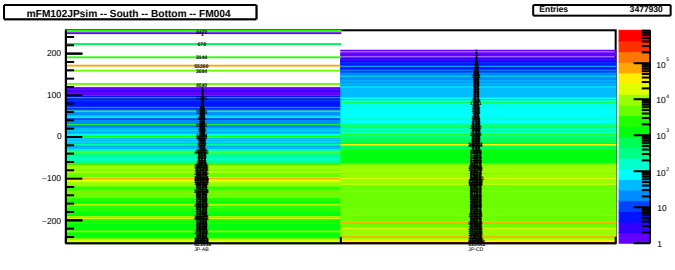
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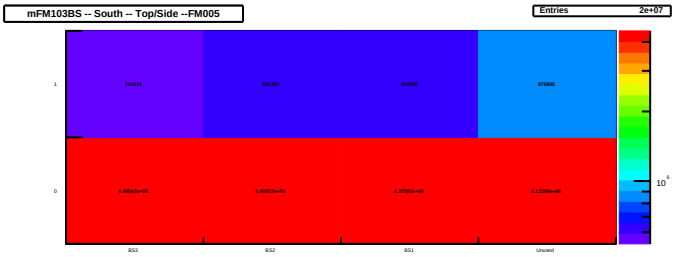
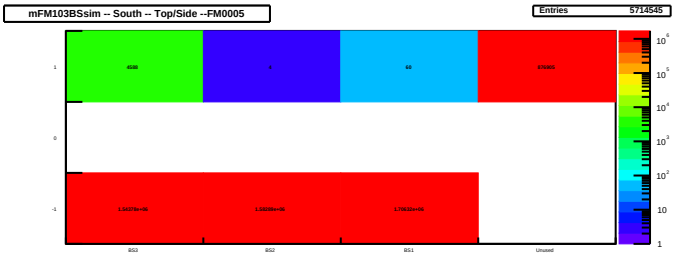

mFM103BS -- South -- Top/Side --FM005
Entries 2e+07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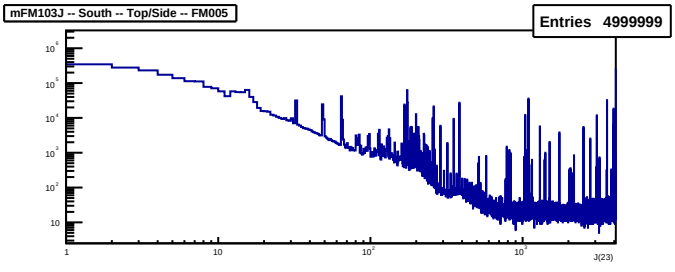
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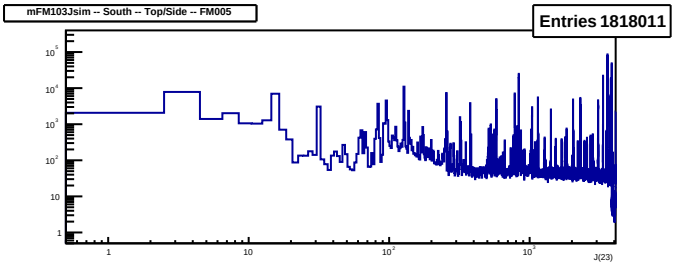
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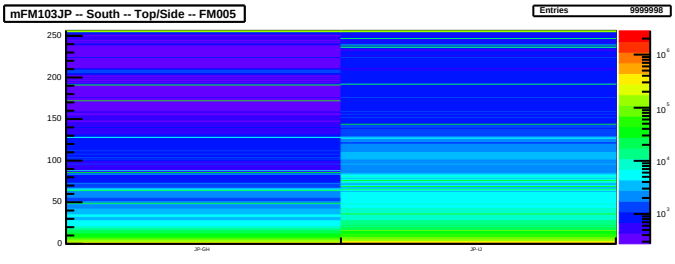
J(23)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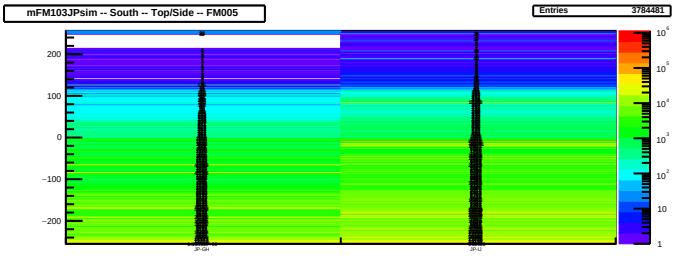
Entries 9999998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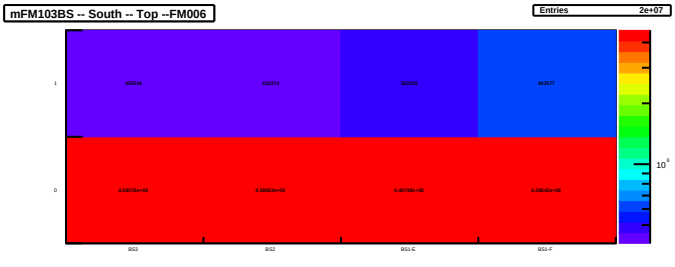
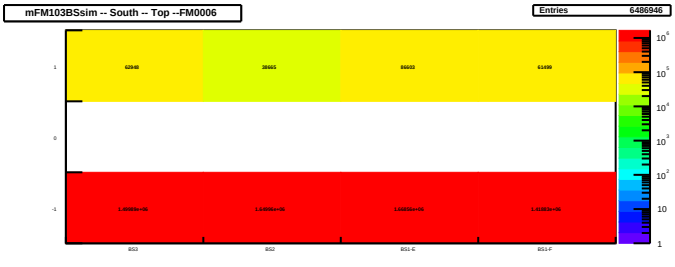

mFM103BS -- South -- Top --FM006
Entries 2e+07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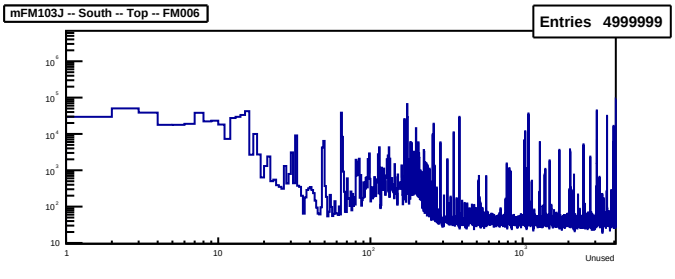
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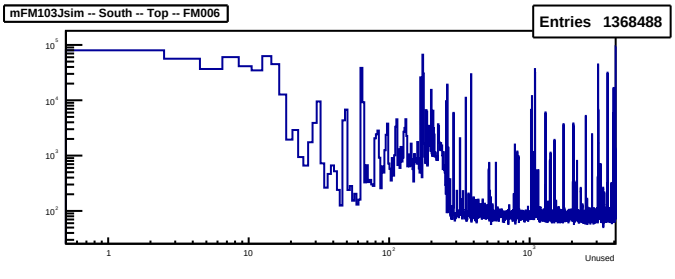
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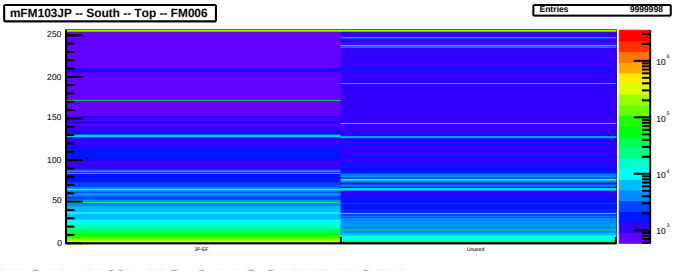
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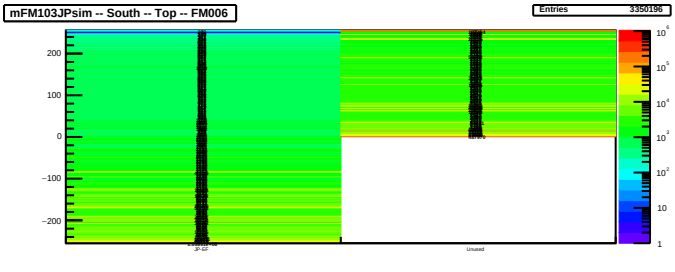
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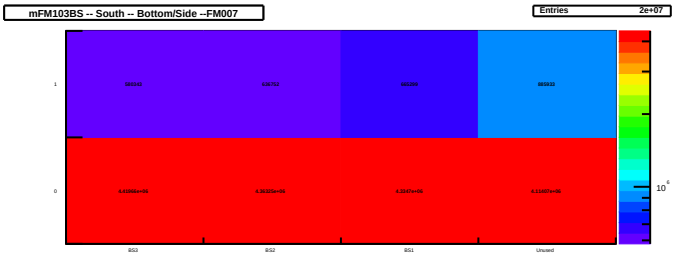
mFM103BS -- South -- Bottom/Side --FM007
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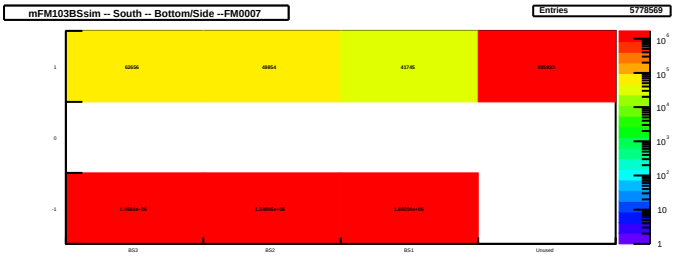
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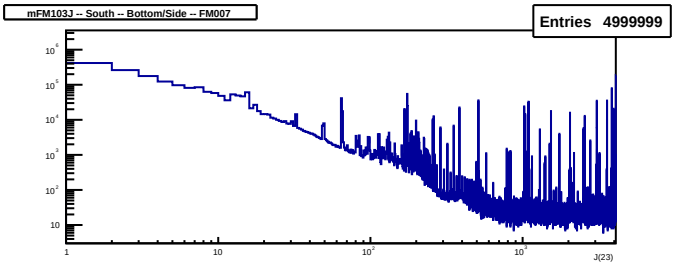
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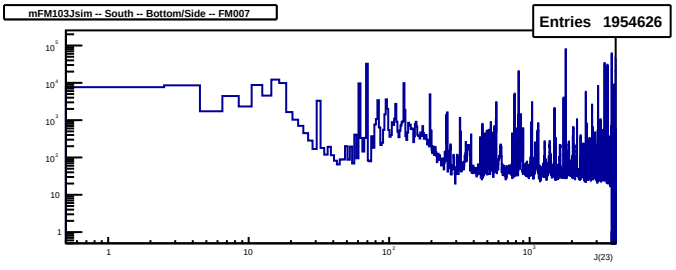
J(23)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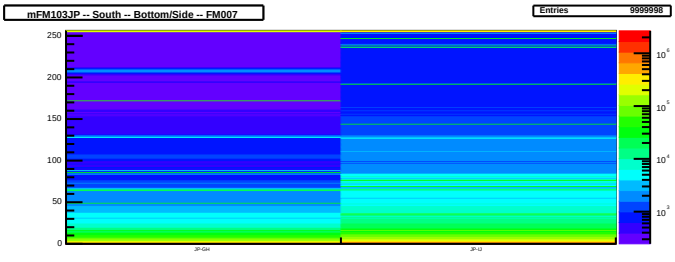
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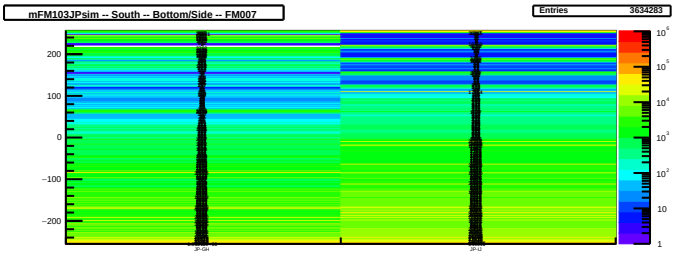
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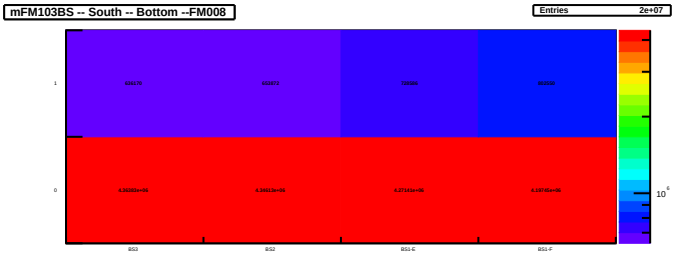
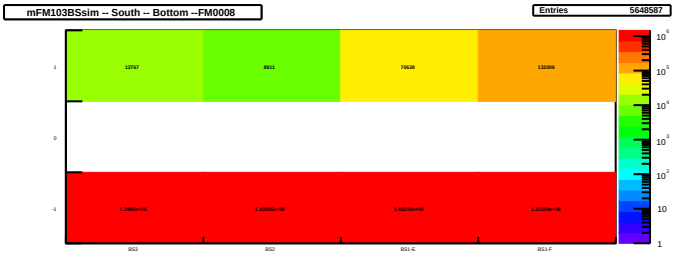

mFM103BS -- South -- Bottom --FM008
Entries 2e+07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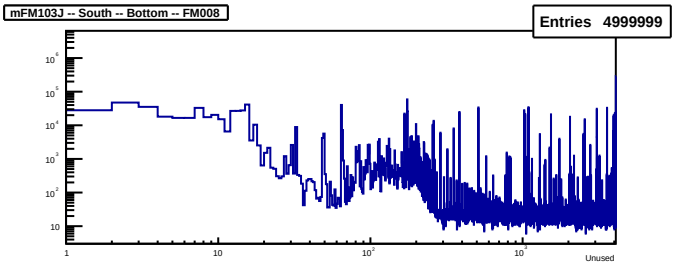
mFM103J -- South -- Bottom -- FM008
Entries 4999999
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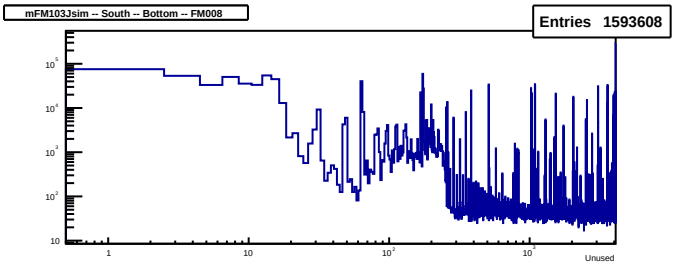
mFM103Jsim -- South -- Bottom -- FM008
Entries 1593608
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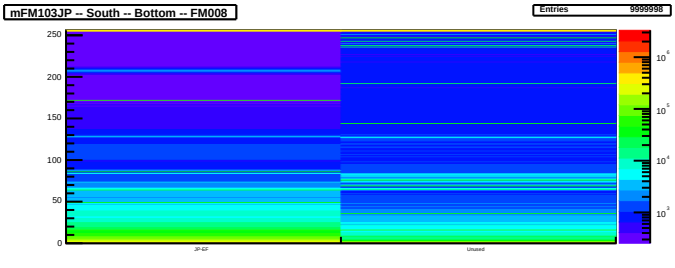
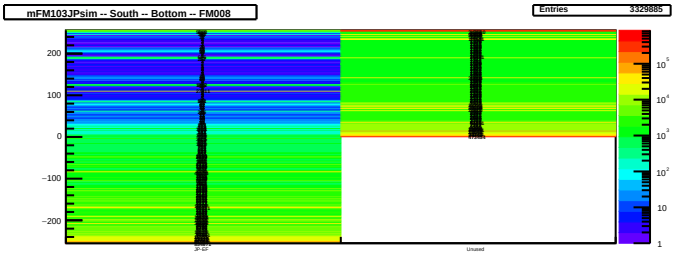
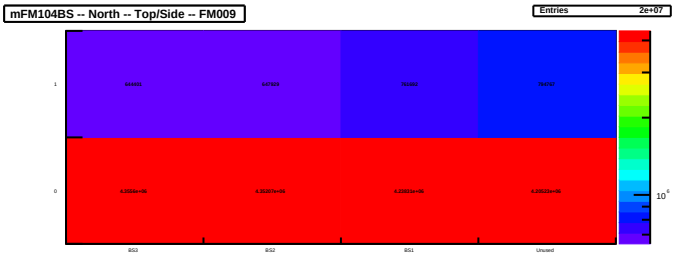
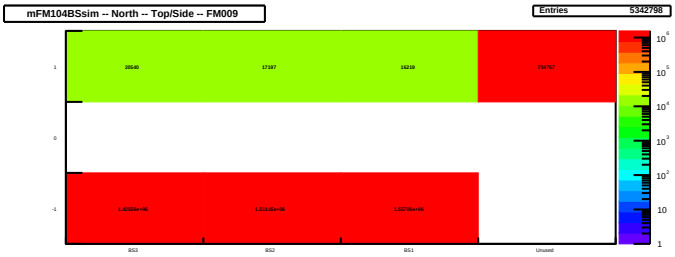
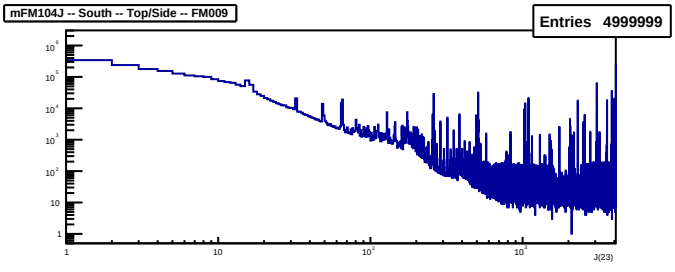
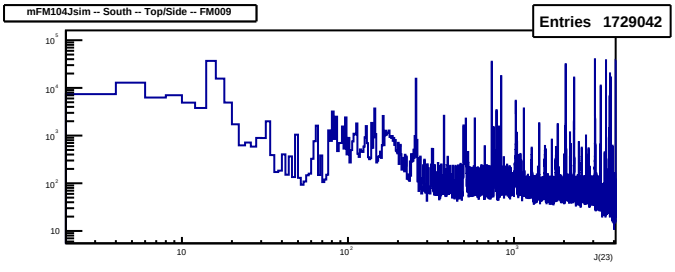

mFM103JP -- South -- Bottom -- FM008
Entries 9999998


mFM103JPsim -- South -- Bottom -- FM008
Entries 3329885


mFM104BS -- North -- Top/Side -- FM009
Entries 2e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5342798


mFM104J -- South -- Top/Side -- FM009
Entries 4999999
J(23)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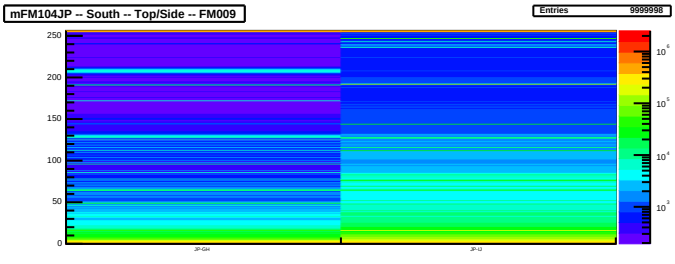
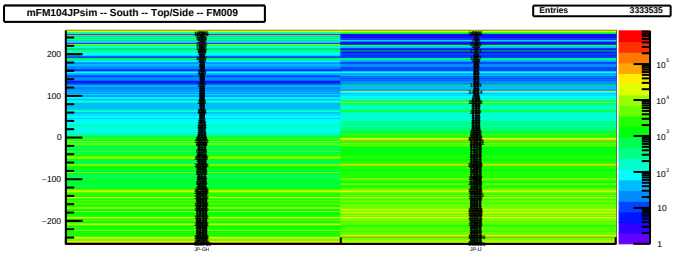
Entries 1729042
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 9999998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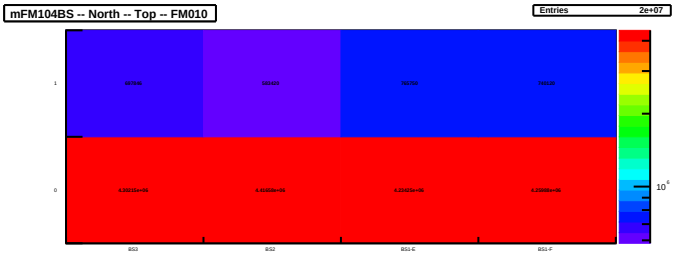
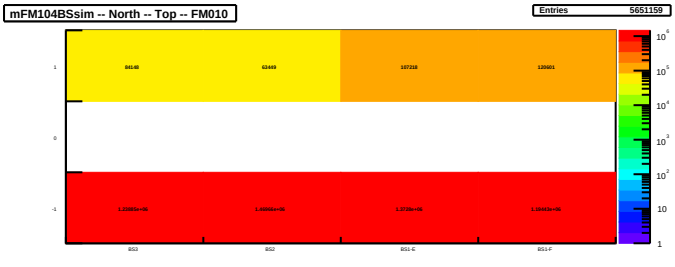
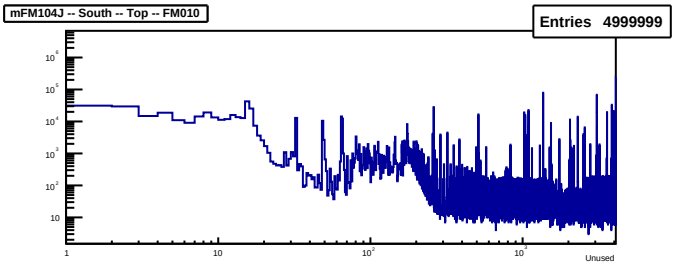
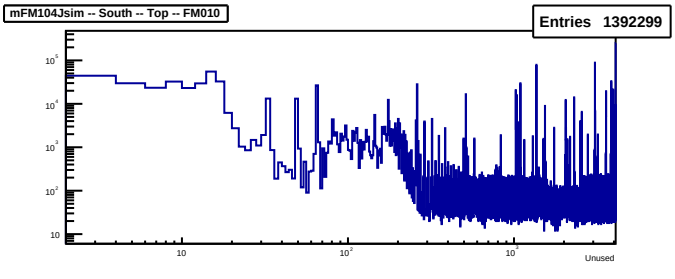
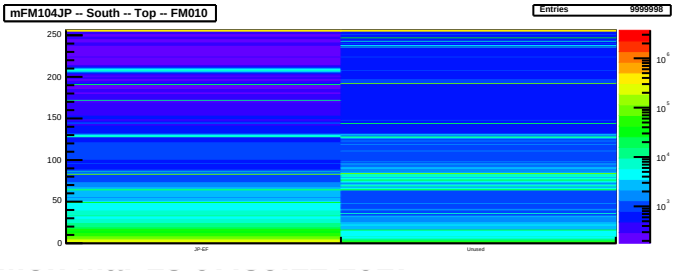
Entries 3333535

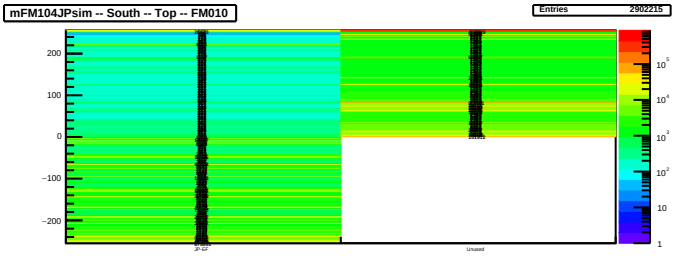

mFM104BS -- North -- Top -- FM010
Entries 2e+07

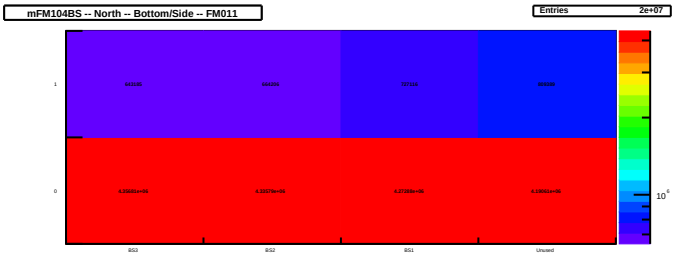

mFM104BSsim -- North -- Top -- FM010
Entries 5651159

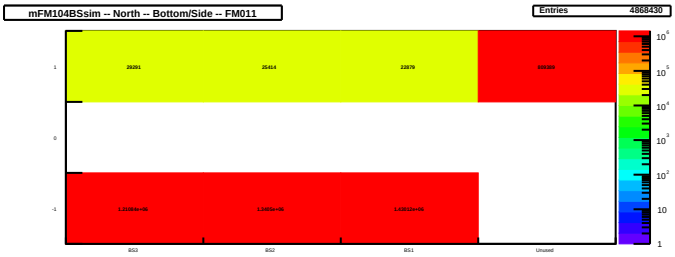

mFM104J -- South -- Top -- FM010
Entries 4999999
Unused

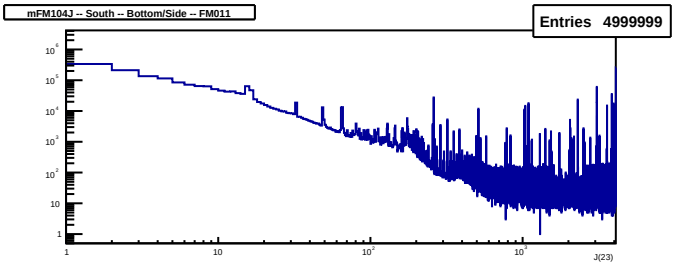

mFM104Jsim -- South -- Top -- FM010
Entries 1392299
Unused

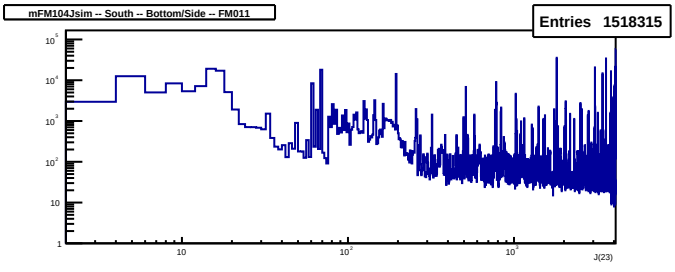

mFM104JP -- South -- Top -- FM010
Entries 9999998

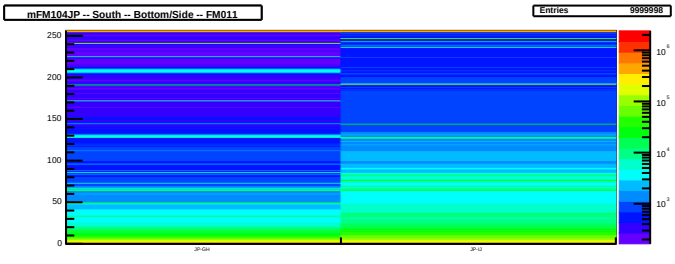

mFM104JPsim -- South -- Top -- FM010
Entries 2902215

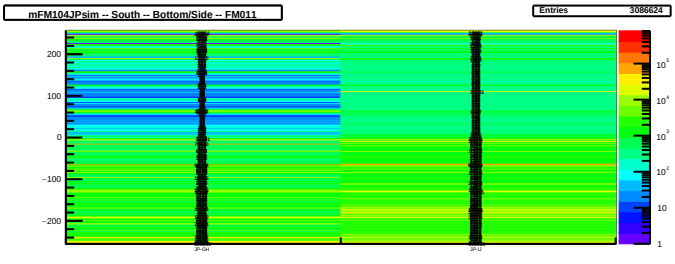

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2e+07

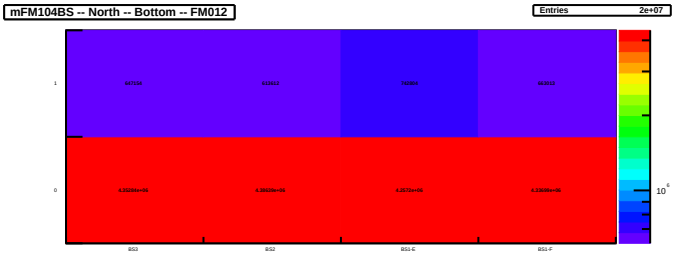

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4868430

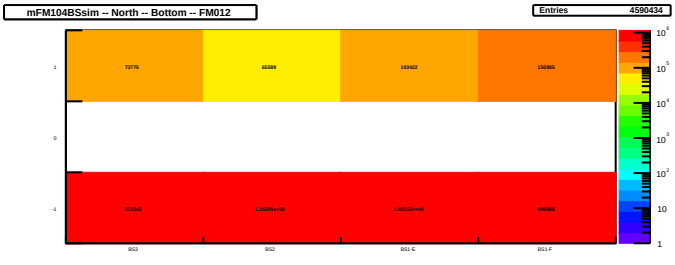

mFM104J -- South -- Bottom/Side -- FM011
Entries 4999999
J(23)

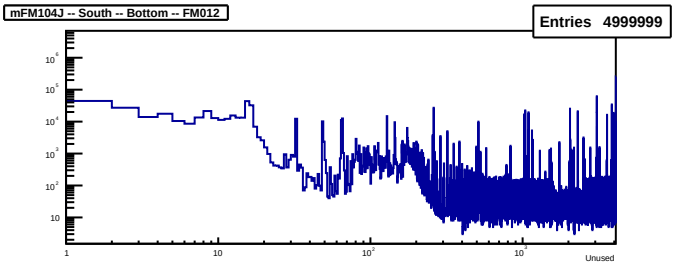

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1518315
J(23)

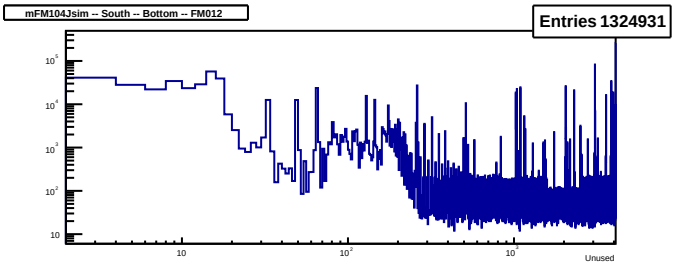

mFM104JP -- South -- Bottom/Side -- FM011
Entries 9999998

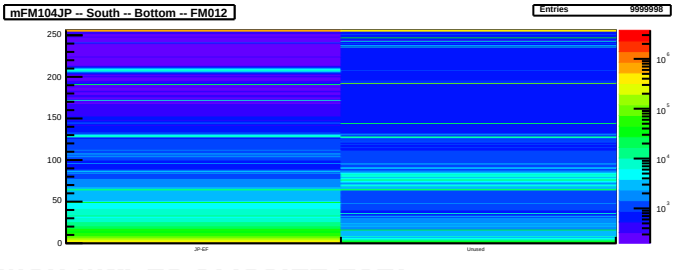

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3086624

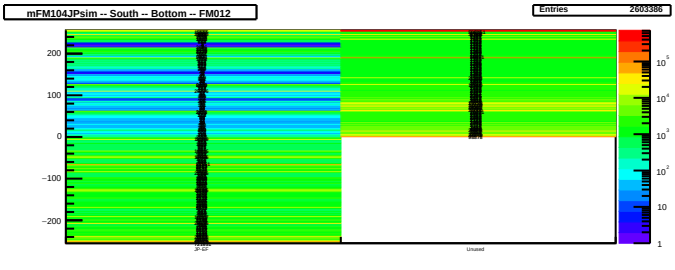

mFM104BS -- North -- Bottom -- FM012
Entries 2e+07

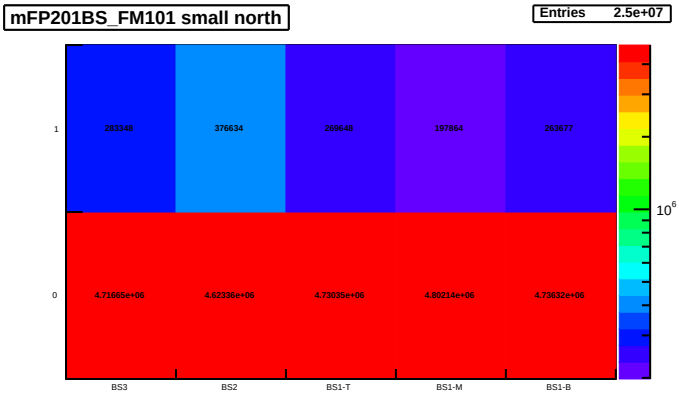

mFM104BSsim -- North -- Bottom -- FM012
Entries 4590434

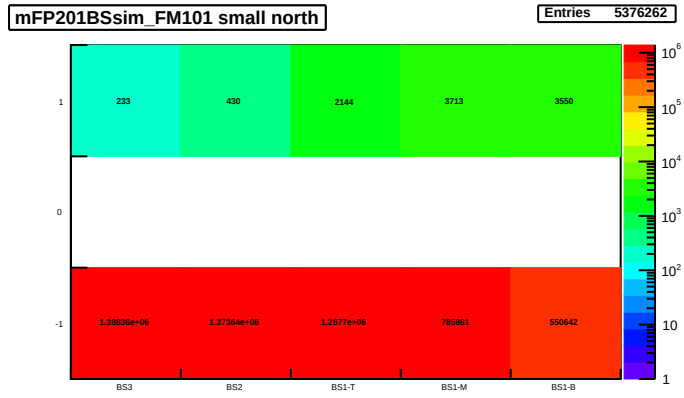

mFM104J -- South -- Bottom -- FM012
Entries 4999999
Unused

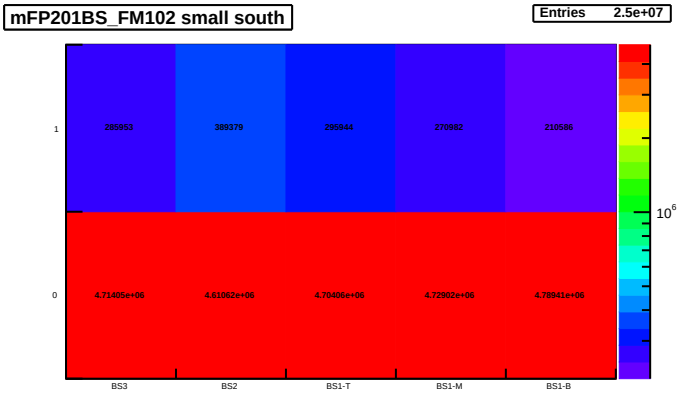

mFM104Jsim -- South -- Bottom -- FM012
Entries 1324931
Unused

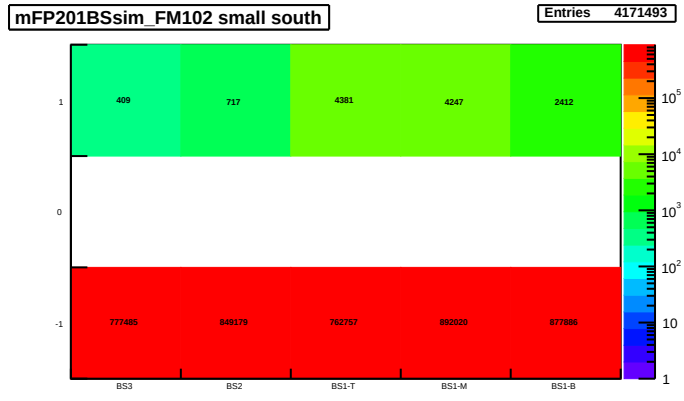

mFM104JP -- South -- Bottom -- FM012
Entries 9999998

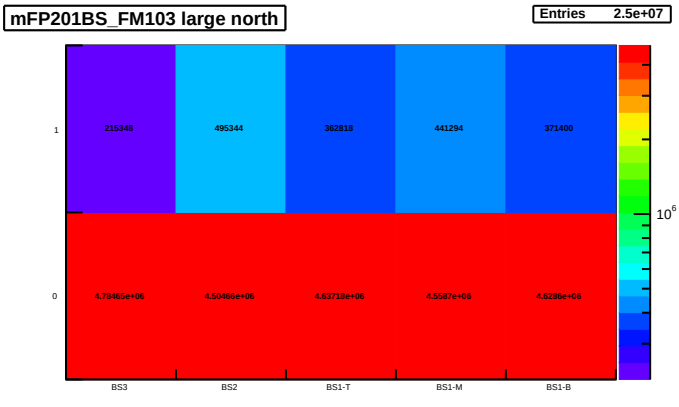

mFM104JPsim -- South -- Bottom -- FM012
Entries 2603386

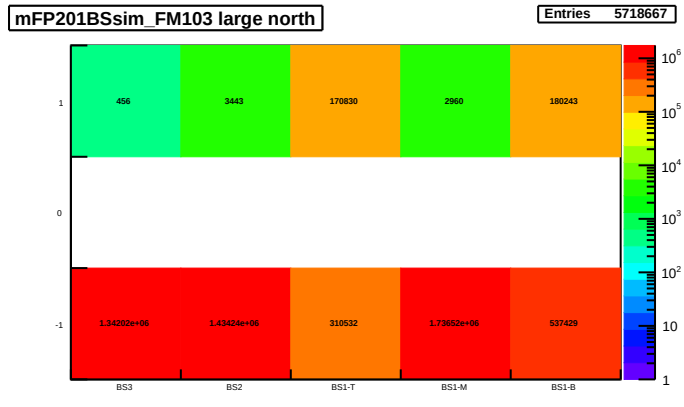

mFP201BS_FM101 small north
Entries 2.5e+07
283348
376634
269648
197864
263677
4.71665e+06
4.62336e+06
4.73035e+06
4.80214e+06
4.73632e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

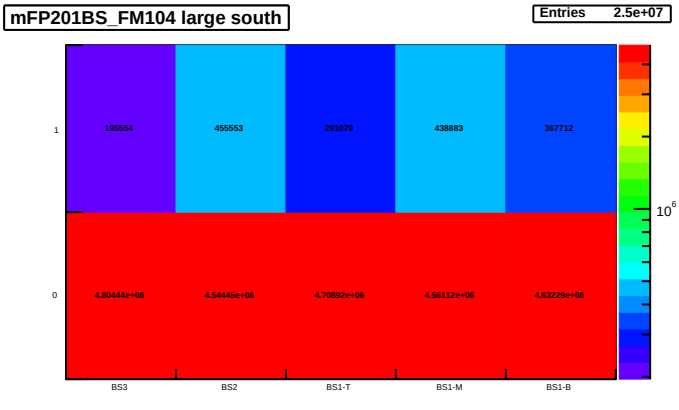

mFP201BSsim_FM101 small north
Entries 5376262
233
430
2144
3713
3550
1.38836e+06
1.37364e+06
1.2677e+06
785861
550642
BS3
BS2
BS1-T
BS1-M
BS1-B

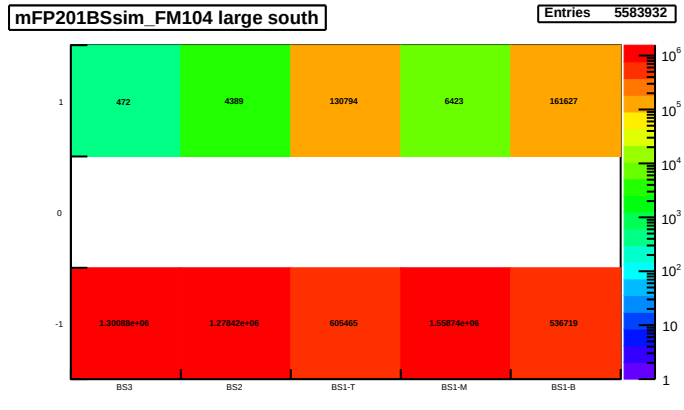

mFP201BS_FM102 small south
Entries 2.5e+07
285953
389379
295944
270982
210586
4.71405e+06
4.61062e+06
4.70406e+06
4.72902e+06
4.78941e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

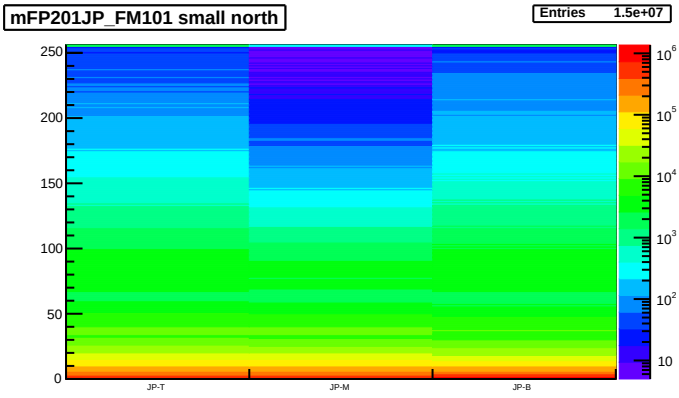

mFP201BSsim_FM102 small south
Entries 4171493
409
717
4381
4247
2412
777485
849179
762757
892020
877886
BS3
BS2
BS1-T
BS1-M
BS1-B

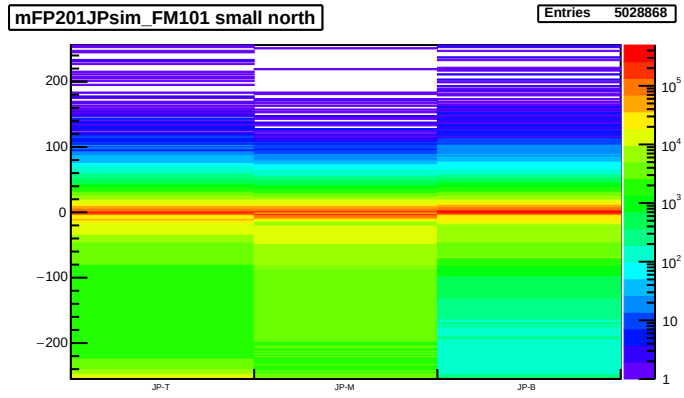

mFP201BS_FM103 large north
Entries 2.5e+07
215348
495344
362818
441294
371400
4.78465e+06
4.50466e+06
4.63718e+06
4.5587e+06
4.6286e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

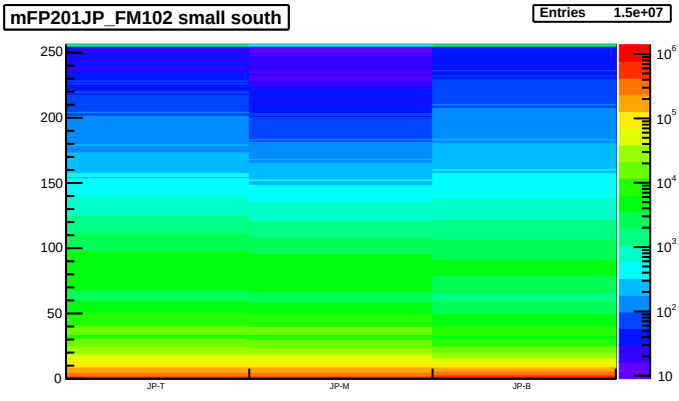

mFP201BSsim_FM103 large north
Entries 5718667
456
3443
170830
2960
180243
1.34202e+06
1.43424e+06
310532
1.73652e+06
537429
BS3
BS2
BS1-T
BS1-M
BS1-B

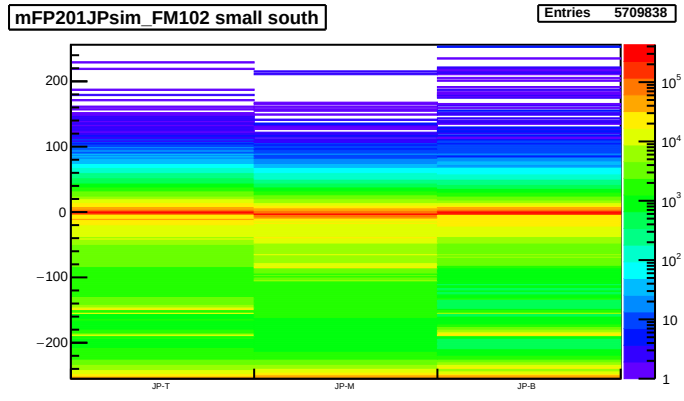

mFP201BS_FM104 large south
Entries 2.5e+07
195554
455553
291079
438883
367712
4.80444e+06
4.54445e+06
4.70892e+06
4.56112e+06
4.63229e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

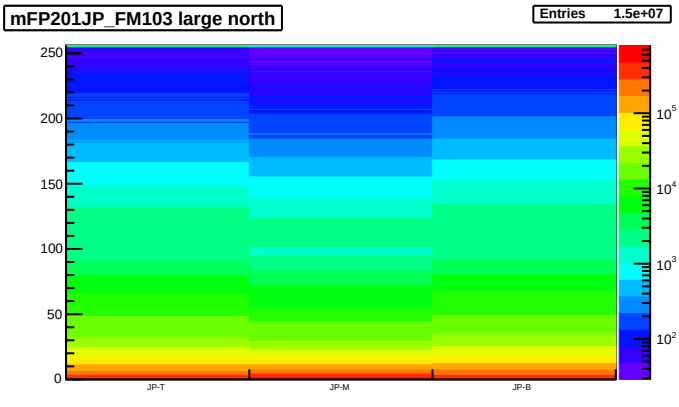

mFP201BSsim_FM104 large south
Entries 5583932
472
4389
130794
6423
161627
1.30088e+06
1.27842e+06
605465
1.55874e+06
536719
BS3
BS2
BS1-T
BS1-M
BS1-B

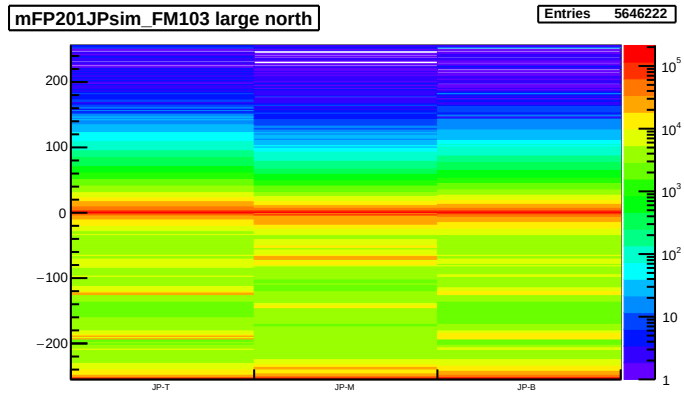

mFP201JP_FM101 small north
Entries 1.5e+07
JP-T
JP-M
JP-B

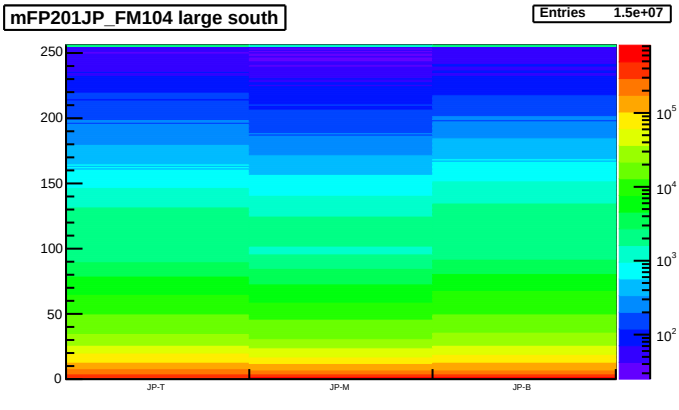

mFP201JPsim_FM101 small north
Entries 5028868
JP-T
JP-M
JP-B

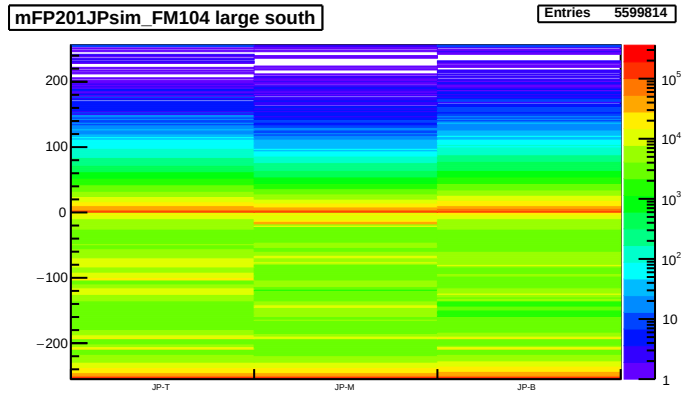

mFP201JP_FM102 small south
Entries 1.5e+07
JP-T
JP-M
JP-B

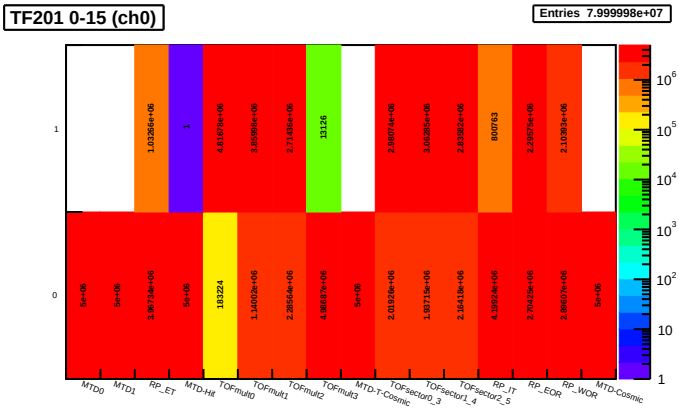

mFP201JPsim_FM102 small south
Entries 5709838
JP-T
JP-M
JP-B

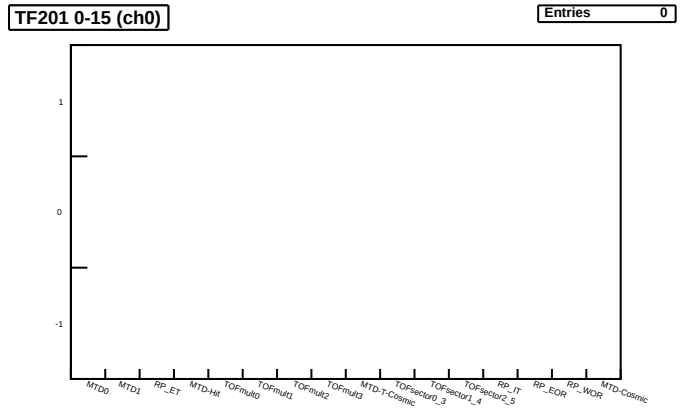

mFP201JP_FM103 large north
Entries 1.5e+07
JP-T
JP-M
JP-B

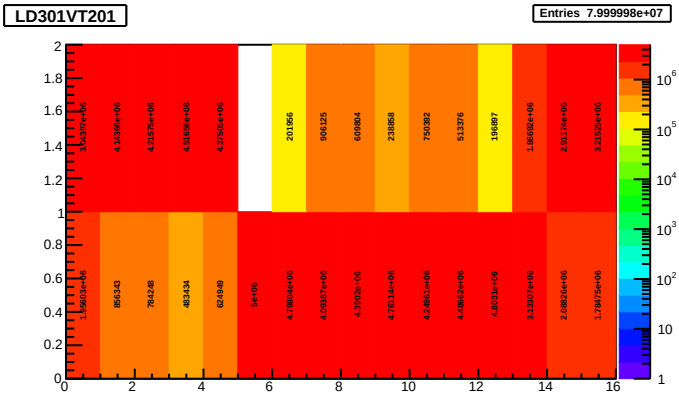

mFP201JPsim_FM103 large north
Entries 5646222
JP-T
JP-M
JP-B

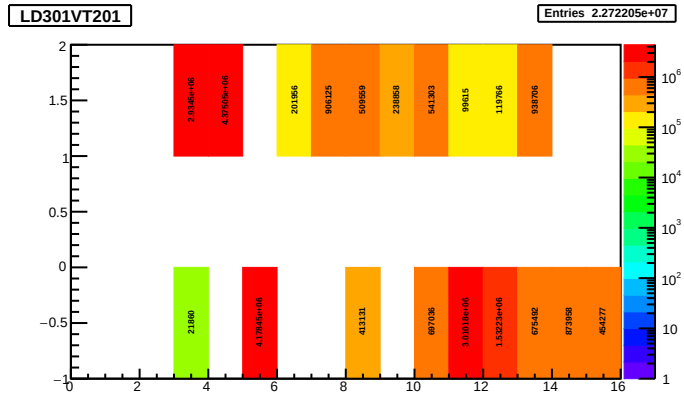

mFP201JP_FM104 large south
Entries 1.5e+07
JP-T
JP-M
JP-B

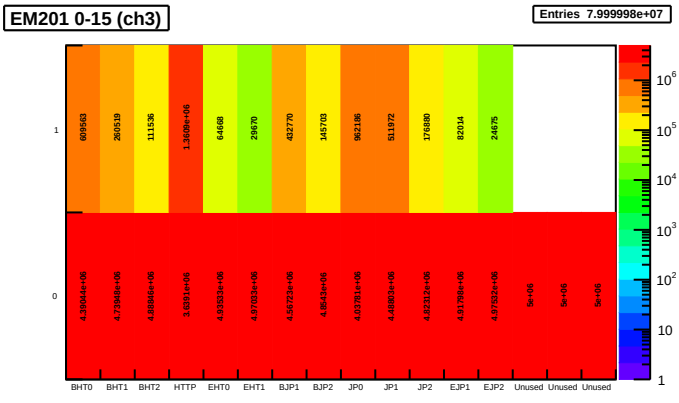

mFP201JPsim_FM104 large south
Entries 5599814
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.999998e+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 7.999998e+07


LD301VT201
Entries 2.272205e+07


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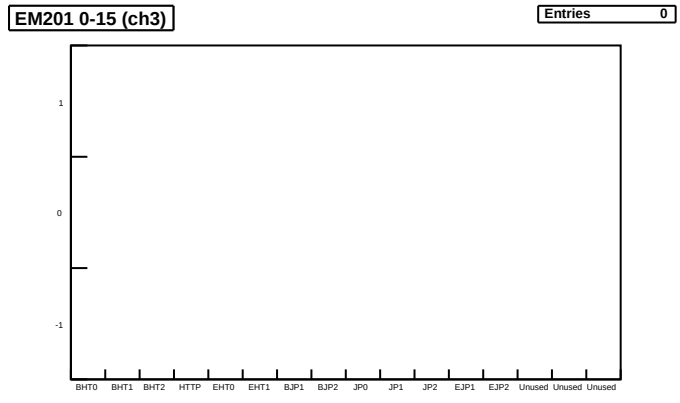
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused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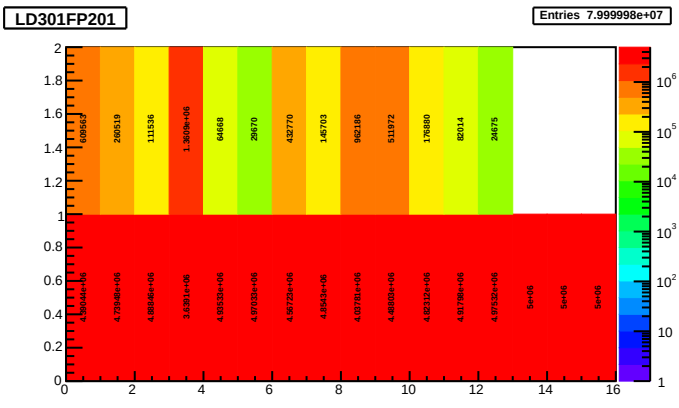
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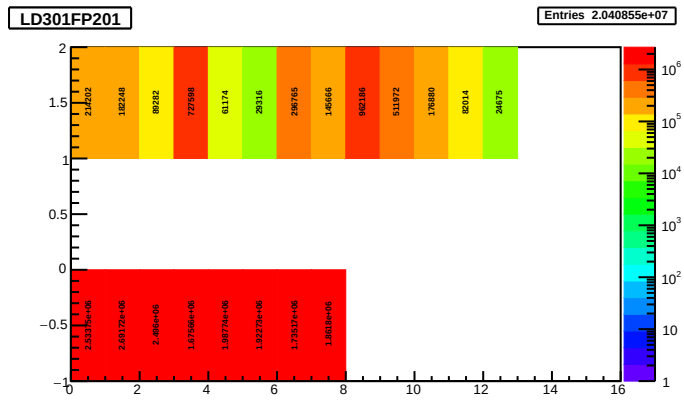
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