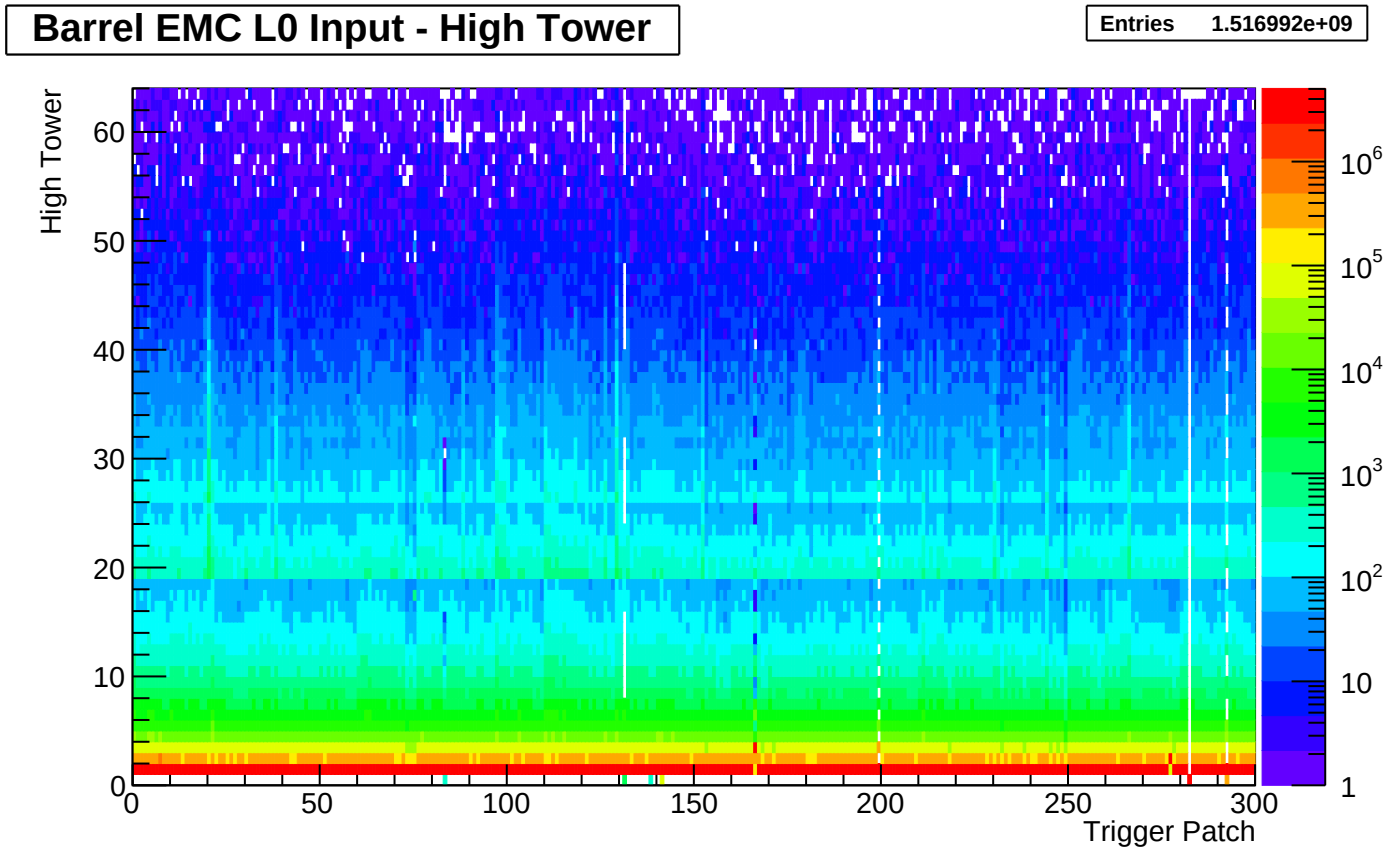
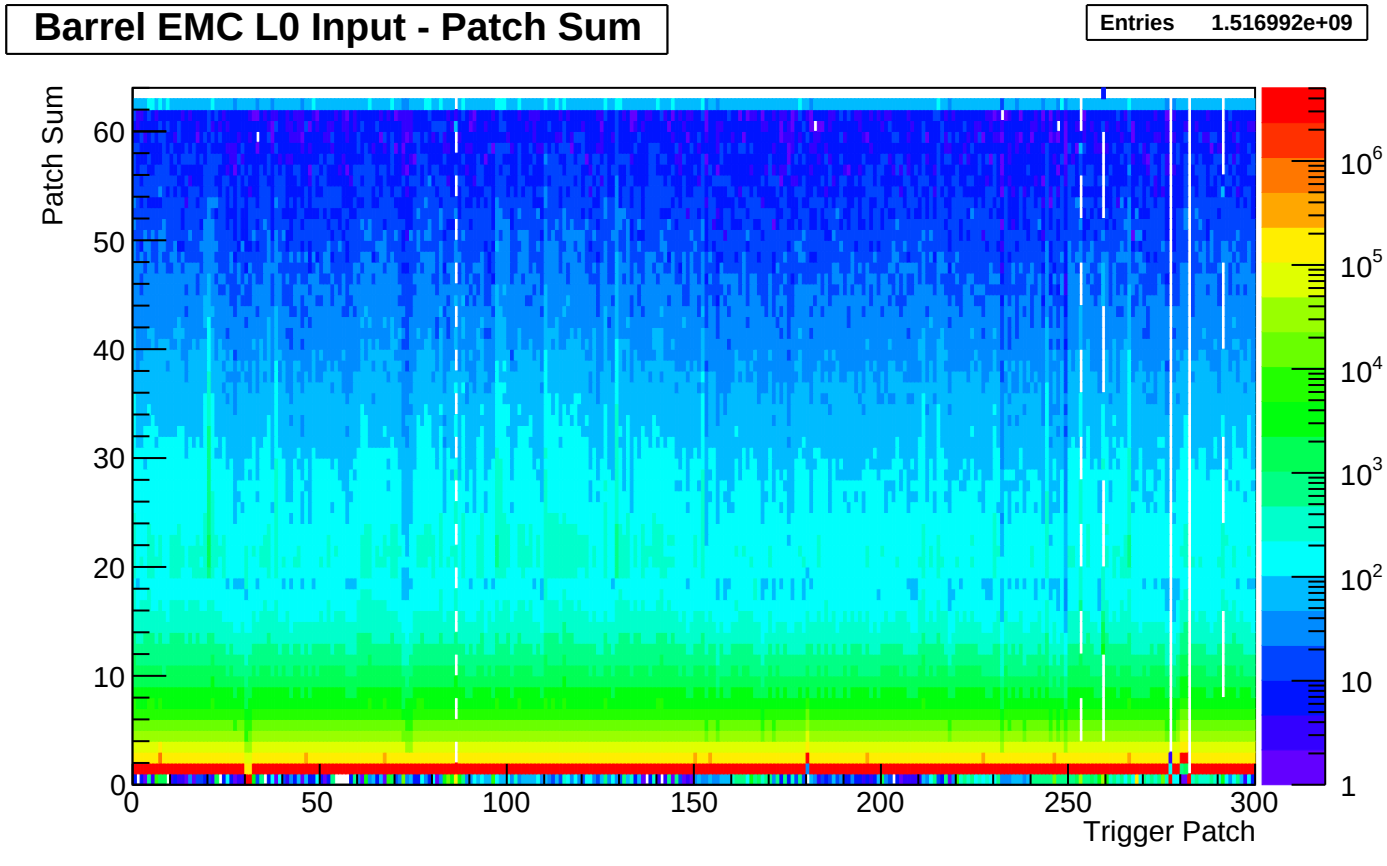
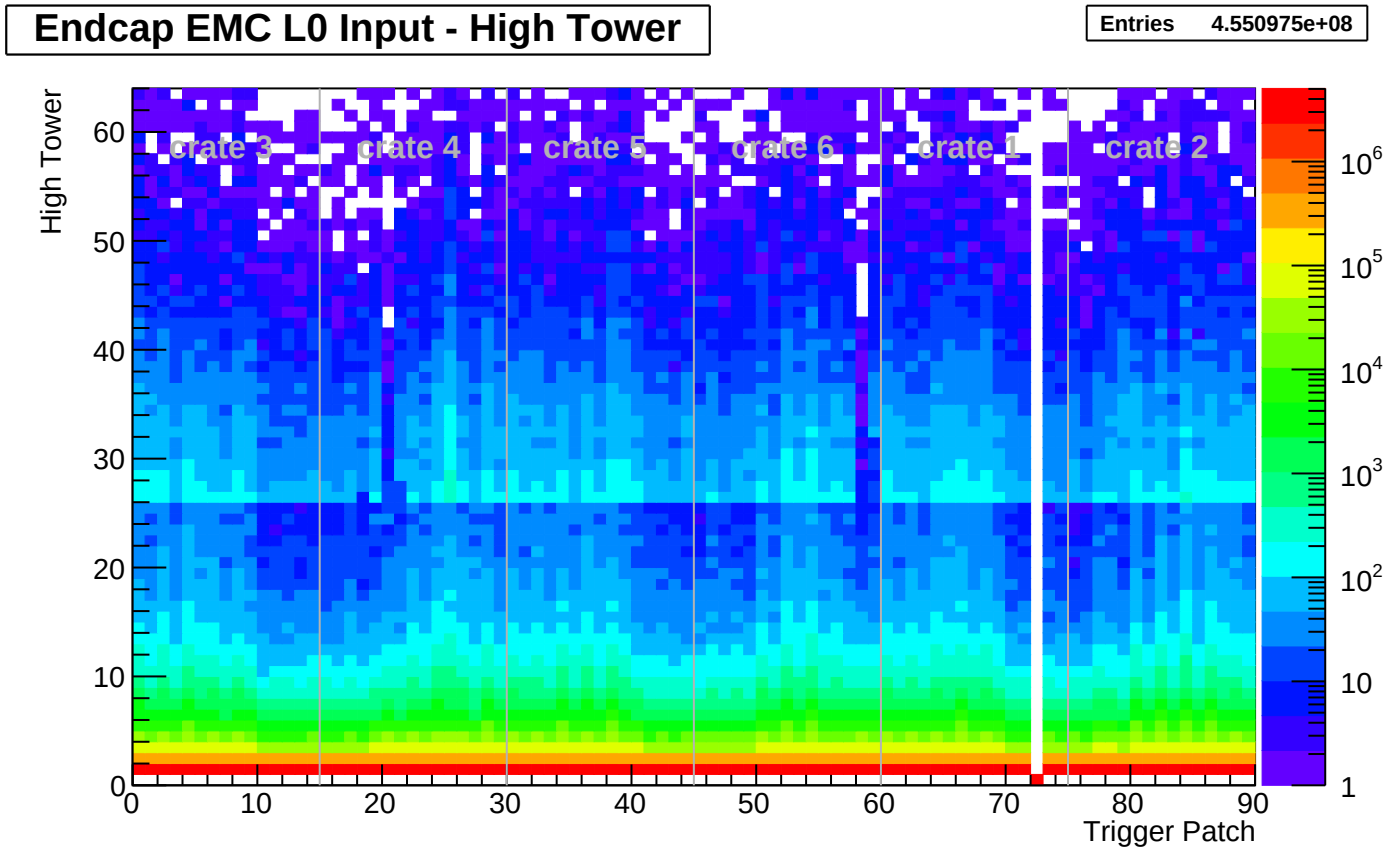
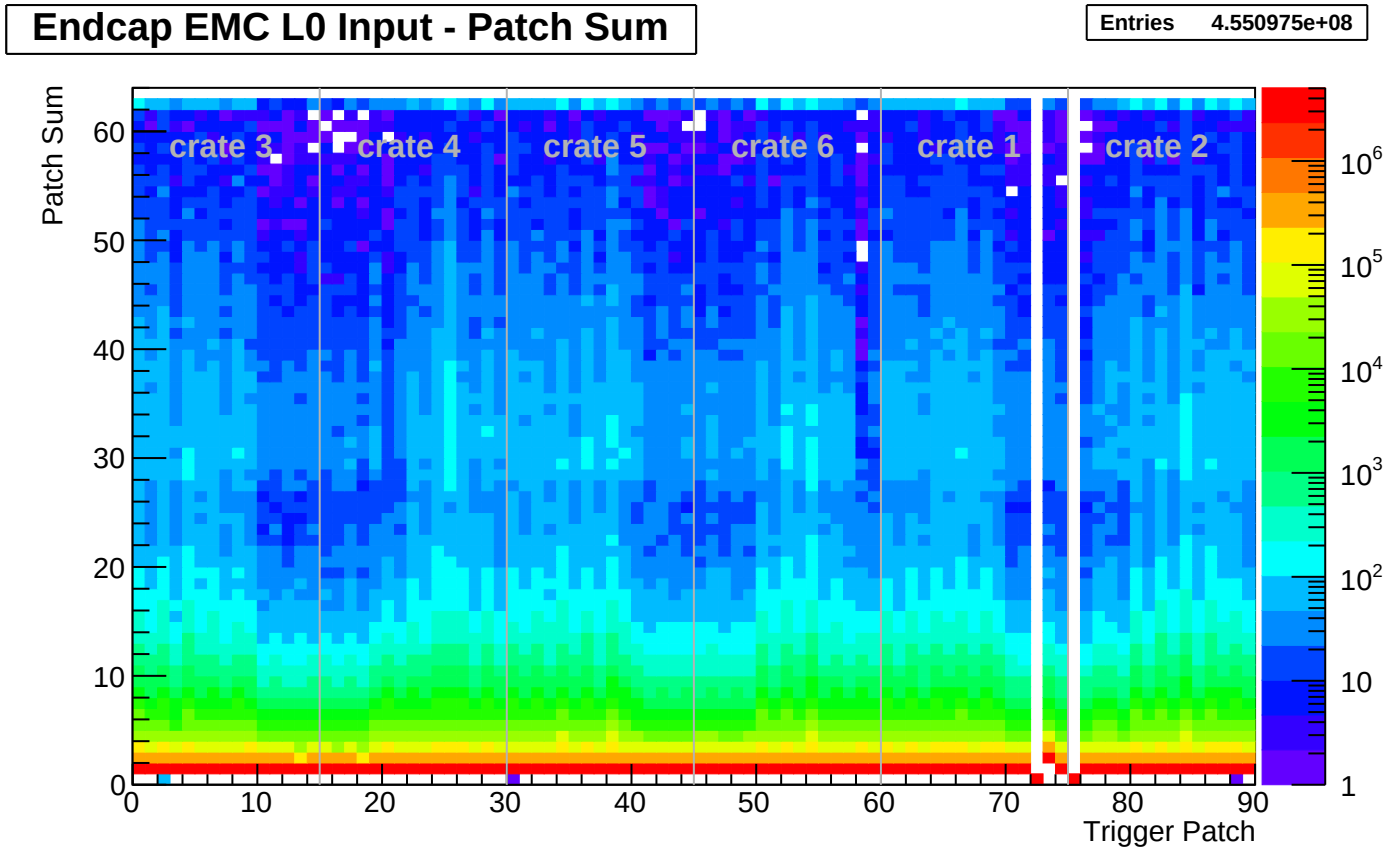
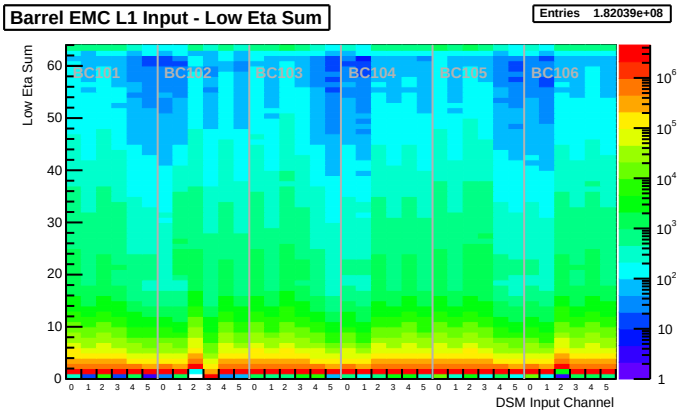
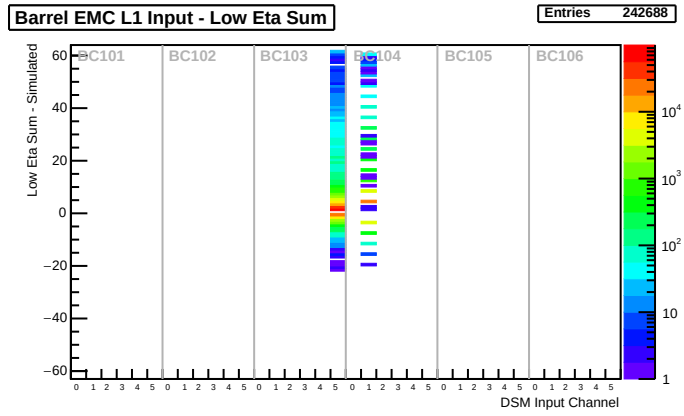

Barrel EMC L0 Input - High Tower
Entries 1.516992e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

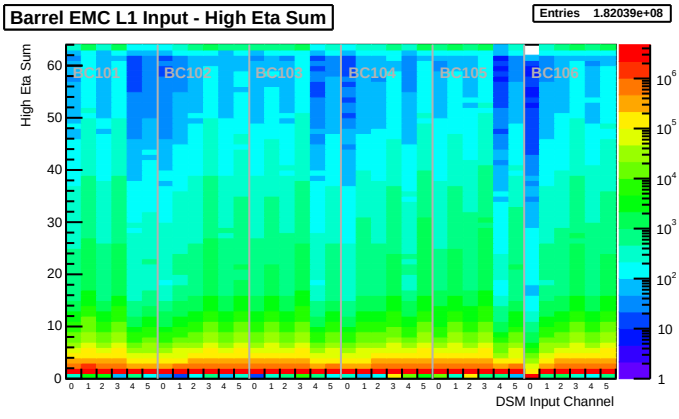

Barrel EMC L0 Input - Patch Sum
Entries 1.516992e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

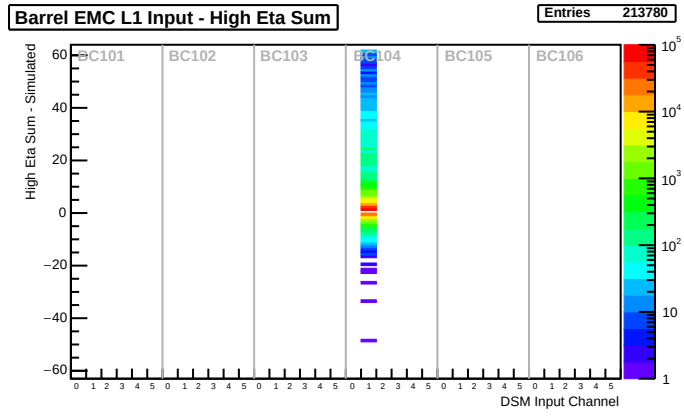

Endcap EMC L0 Input - High Tower
Entries 4.550975e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

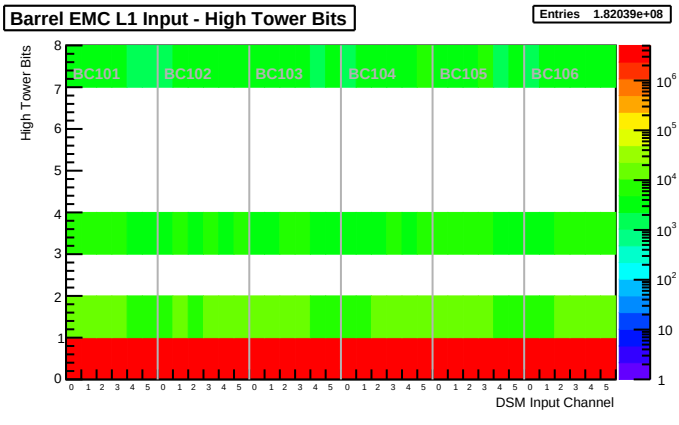

Endcap EMC L0 Input - Patch Sum
Entries 4.550975e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

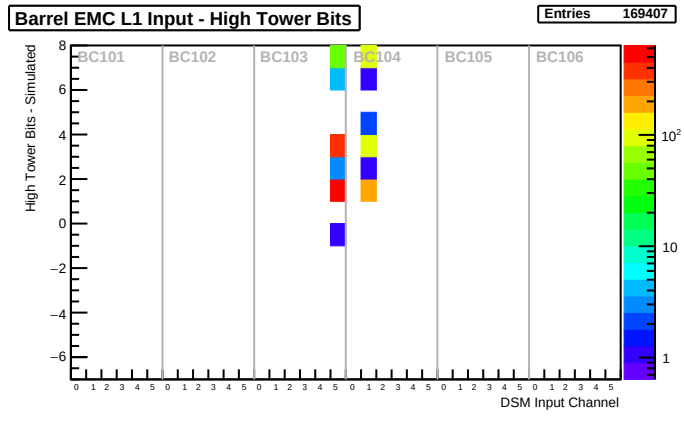

Barrel EMC L1 Input - Low Eta Sum
Entries 1.82039e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

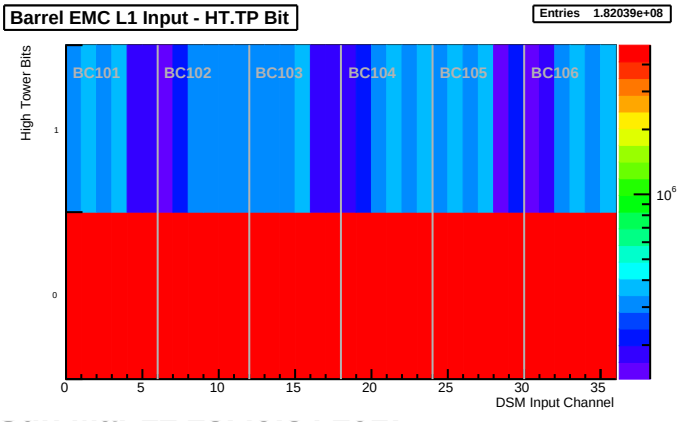

Barrel EMC L1 Input - Low Eta Sum
Entries 242688
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

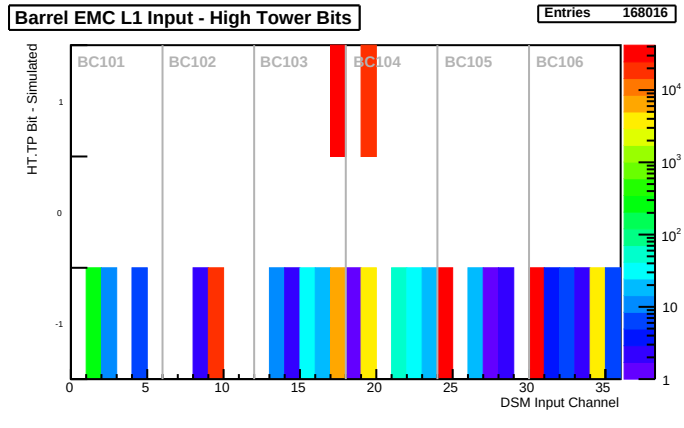

Barrel EMC L1 Input - High Eta Sum
Entries 1.82039e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

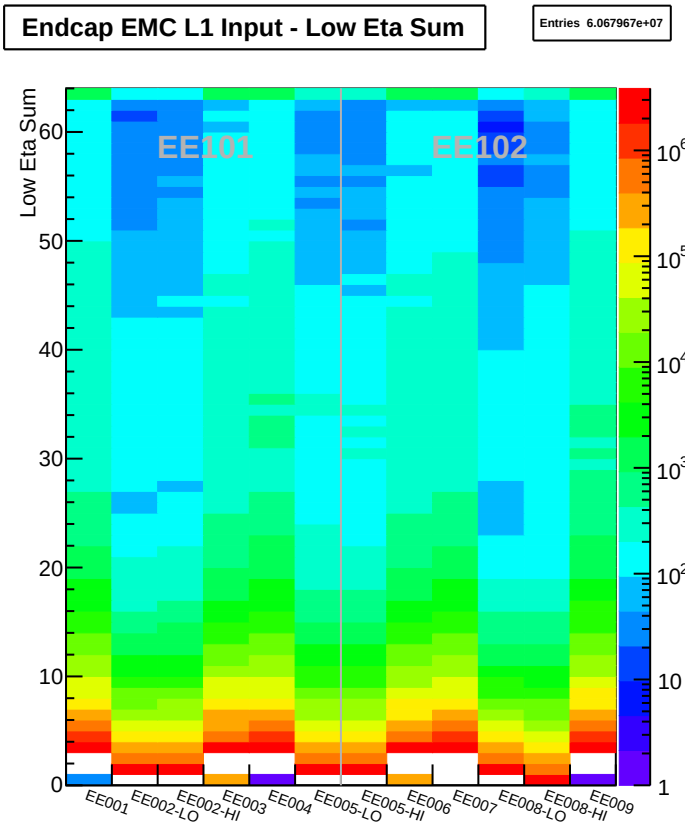

Barrel EMC L1 Input - High Eta Sum
Entries 213780
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

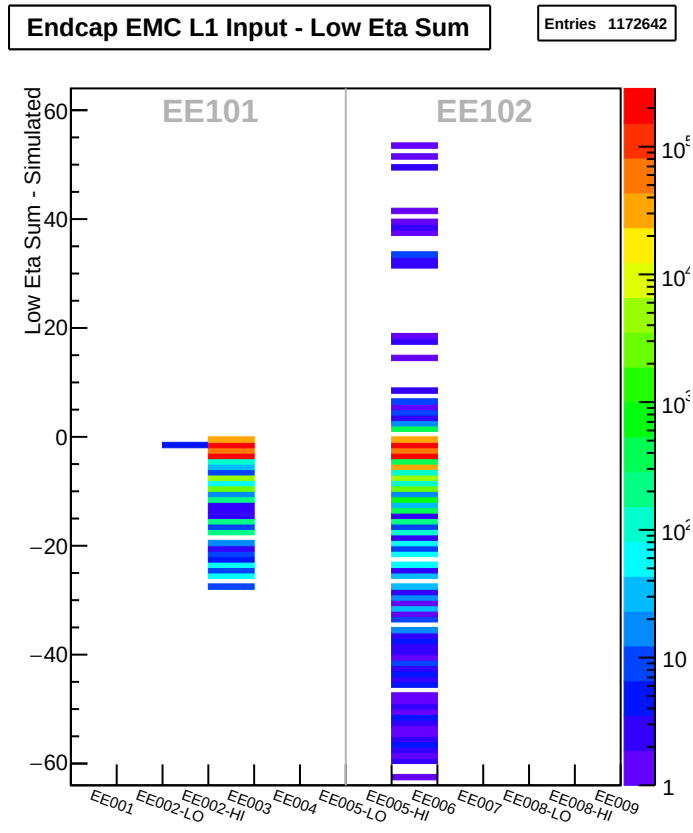

Barrel EMC L1 Input - High Tower Bits
Entries 1.82039e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

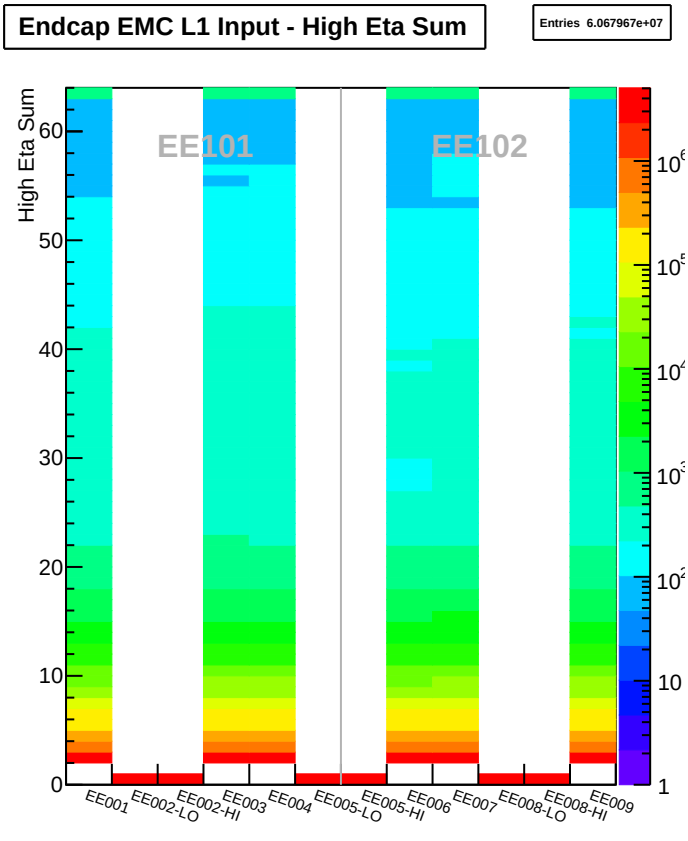

Barrel EMC L1 Input - High Tower Bits
Entries 169407
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

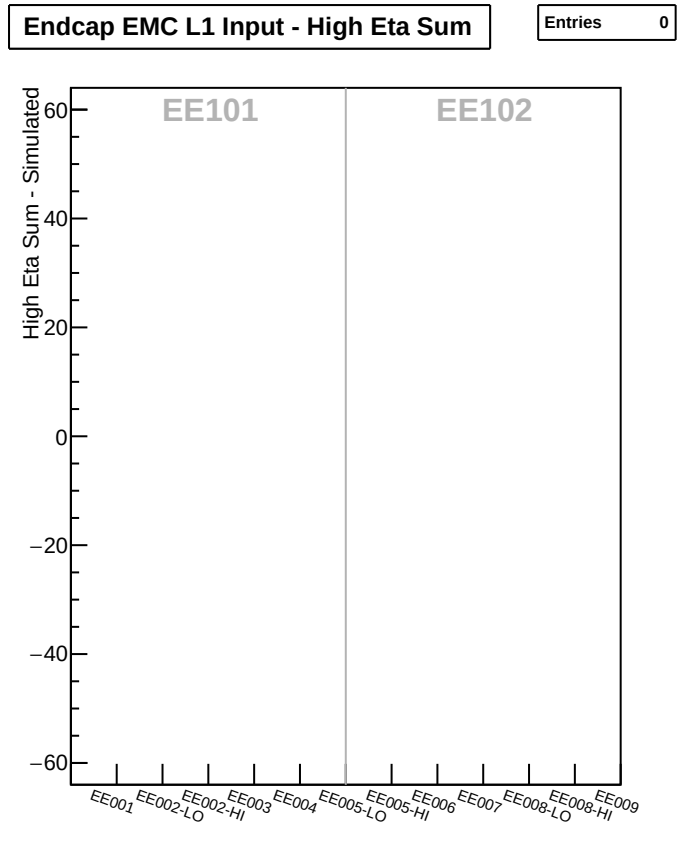

Barrel EMC L1 Input - HT.TP Bit
Entries 1.82039e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

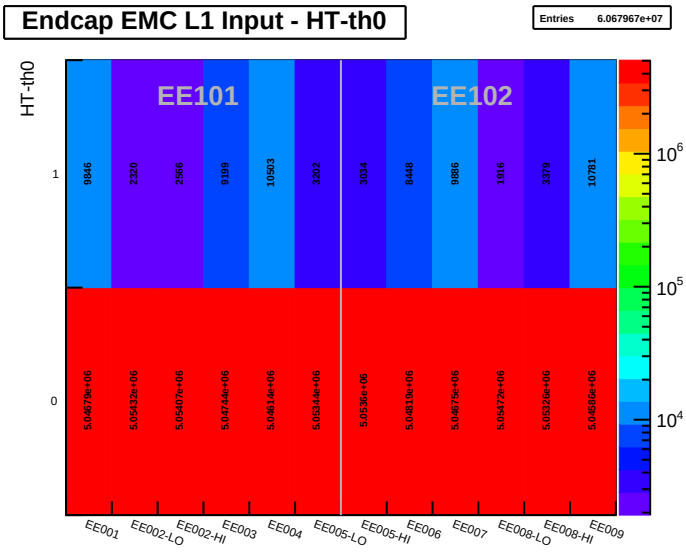

Barrel EMC L1 Input - High Tower Bits
Entries 168016
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

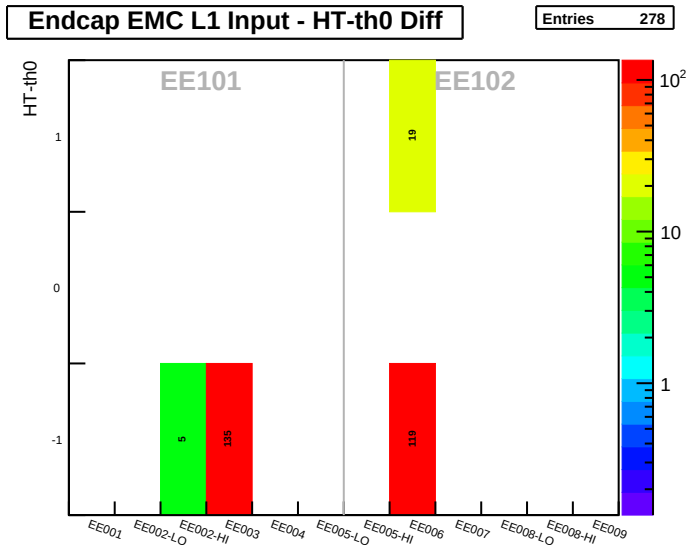

Endcap EMC L1 Input - Low Eta Sum
Entries 6.067967e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

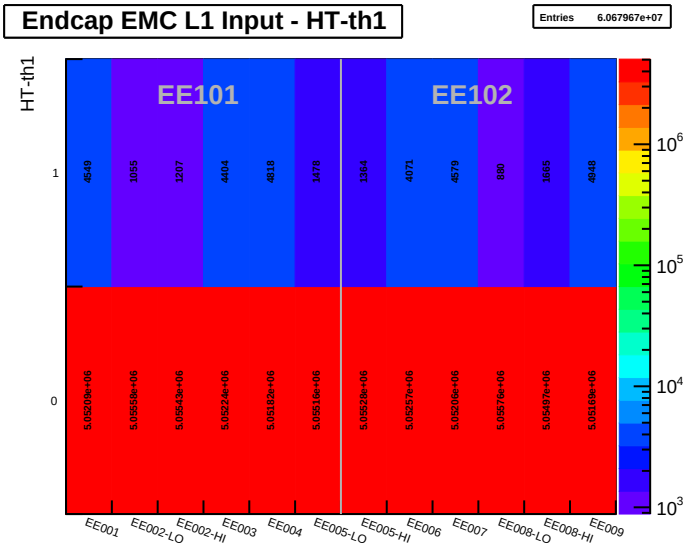

Endcap EMC L1 Input - Low Eta Sum
Entries 1172642
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

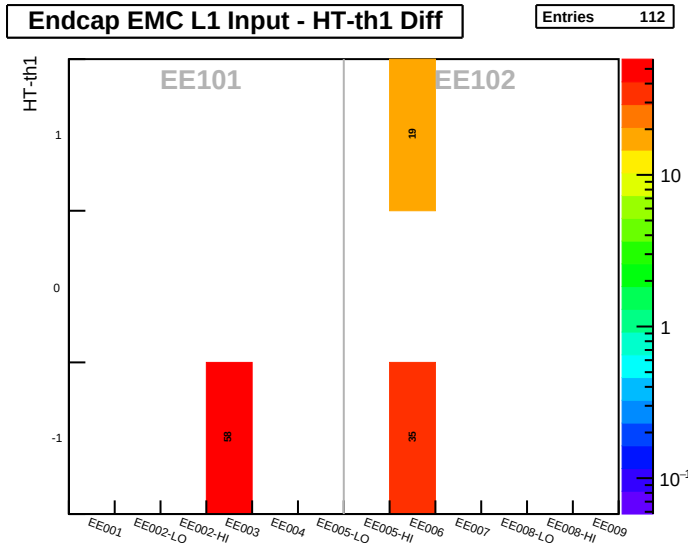

Endcap EMC L1 Input - High Eta Sum
Entries 6.067967e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

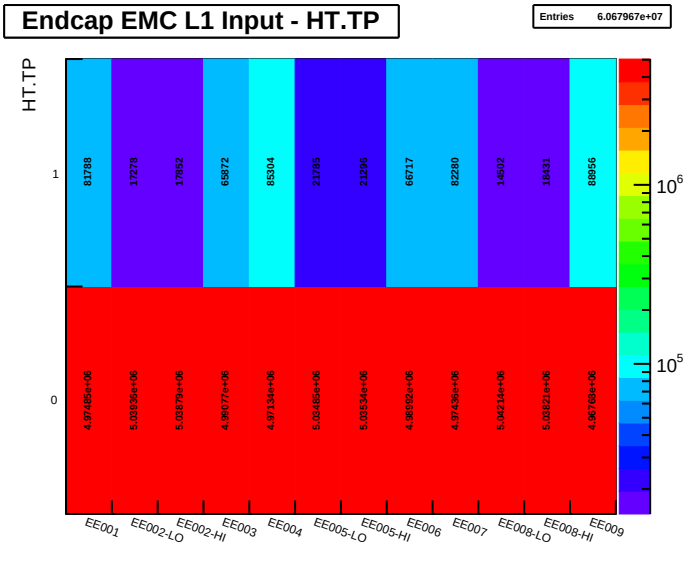

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

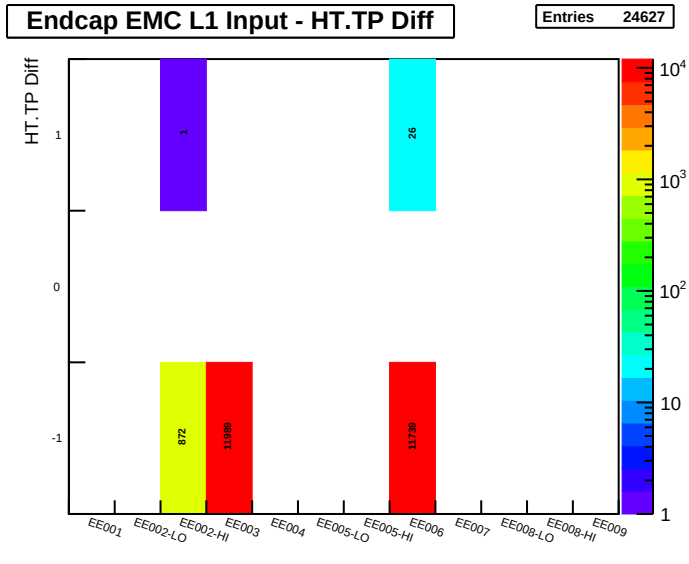

Endcap EMC L1 Input - HT-th0
Entries 6.067967e+07
HT-th0
EE101
EE102
9846 2320 2566 9199 10503 3202 3034 8448 9886 1916 3379 10781
5.04679e+06 5.05432e+06 5.05407e+06 5.04744e+06 5.04614e+06 5.05344e+06 5.0536e+06 5.04819e+06 5.04875e+06 5.05472e+06 5.05326e+06 5.04586e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

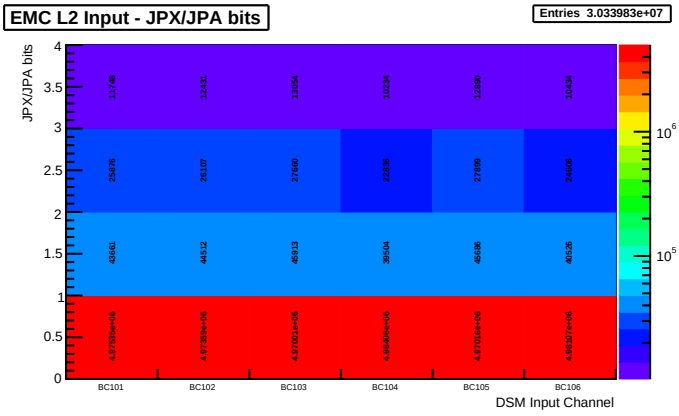

Endcap EMC L1 Input - HT-th0 Diff
Entries 278
HT-th0
EE101
EE102
19
5 135 119
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

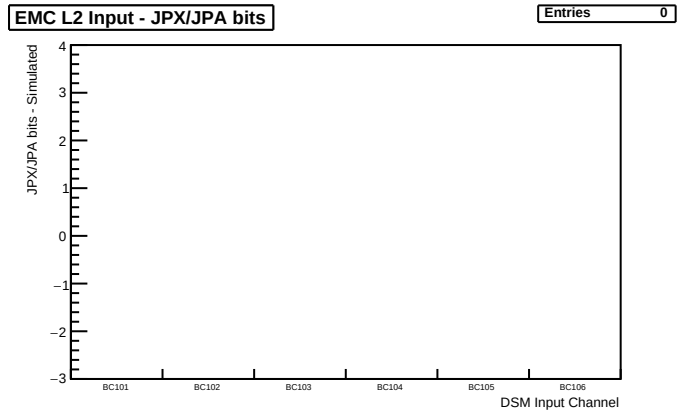

Endcap EMC L1 Input - HT-th1
Entries 6.067967e+07
HT-th1
EE101
EE102
4549 1055 1207 4404 4818 1478 1364 4071 4579 800 1665 4948
5.05209e+06 5.05559e+06 5.05543e+06 5.05224e+06 5.05182e+06 5.05516e+06 5.05528e+06 5.05257e+06 5.05206e+06 5.05376e+06 5.05497e+06 5.05169e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

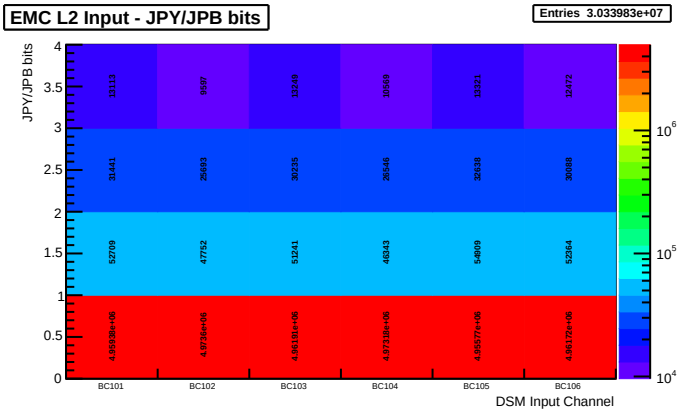

Endcap EMC L1 Input - HT-th1 Diff
Entries 112
HT-th1
EE101
EE102
19
58 35
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

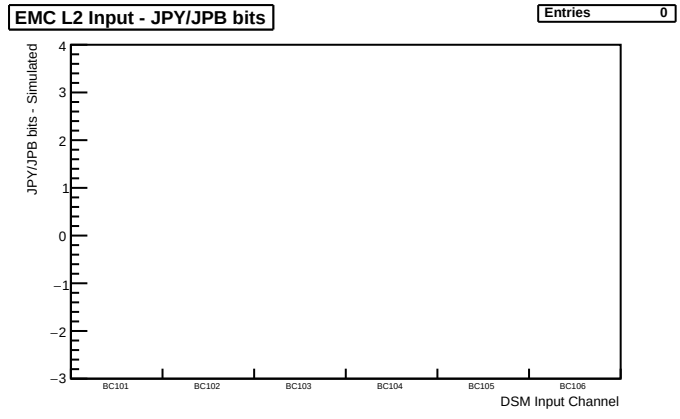

Endcap EMC L1 Input - HT.TP
Entries 6.067967e+07
HT.TP
81788 17278 17852 65872 85304 21785 22296 66717 82280 14502 18431 88956
4.97485e+06 5.03936e+06 5.03870e+06 4.99077e+06 4.97134e+06 5.03485e+06 5.03534e+06 4.98992e+06 4.97436e+06 5.04214e+06 5.03821e+06 4.96768e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

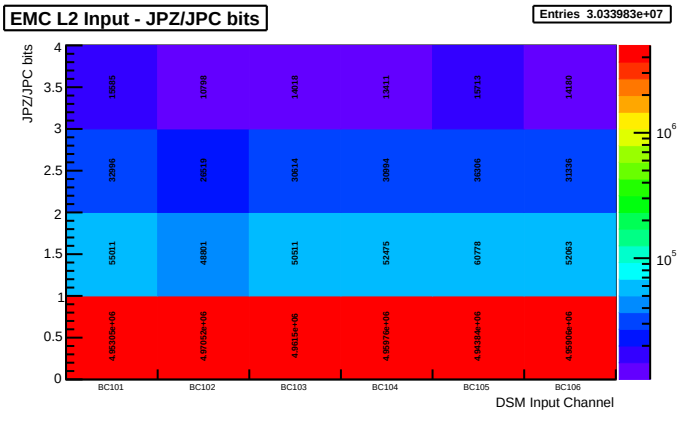

Endcap EMC L1 Input - HT.TP Diff
Entries 24627
HT.TP Diff
1
26
872 11980
11739
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

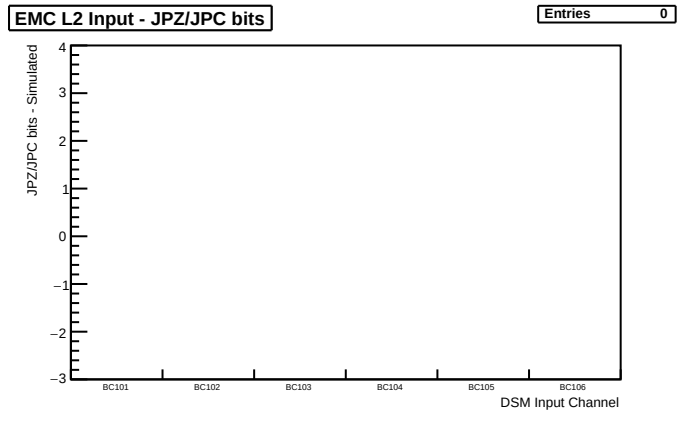

EMC L2 Input - JPX/JPA bits
Entries 3.033983e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11748
12431
13054
10234
12330
10434
25876
26107
27660
22836
27899
24606
43661
44512
45913
39504
45686
40525
4.97535e+06
4.97359e+06
4.97001e+06
4.98406e+06
4.97016e+06
4.98107e+06

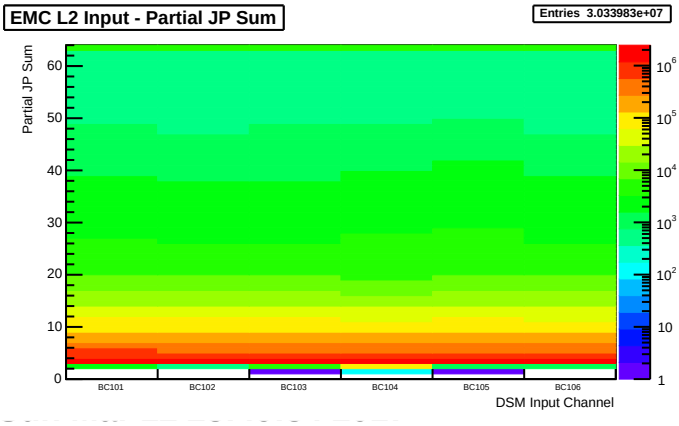

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

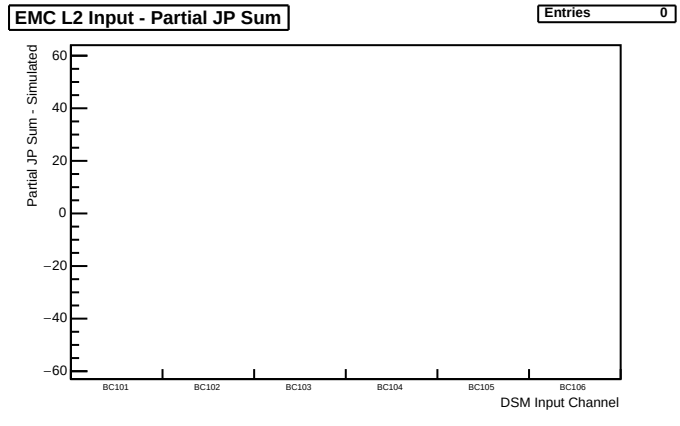

EMC L2 Input - JPY/JPB bits
Entries 3.033983e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13113
9597
13249
10569
13321
12472
31441
25693
30235
26546
32838
30088
52709
47752
51241
46343
54909
52364
4.95938e+06
4.97364e+06
4.96191e+06
4.97338e+06
4.95577e+06
4.96172e+06

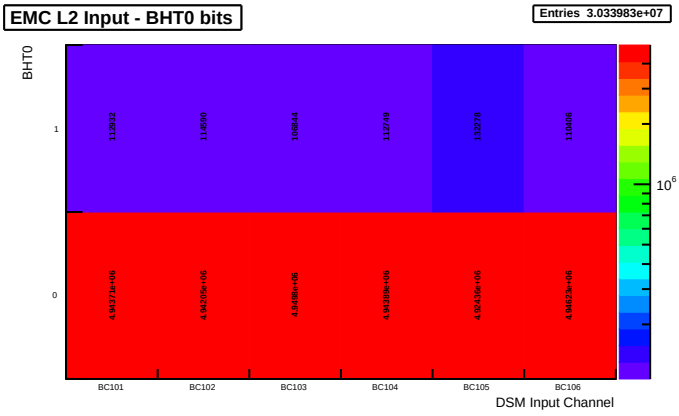

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

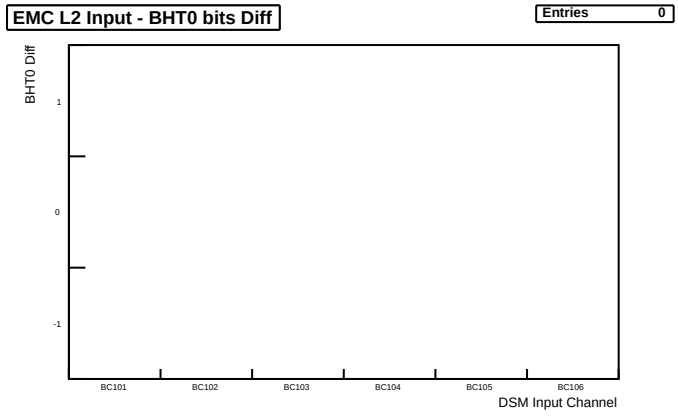

EMC L2 Input - JPZ/JPC bits
Entries 3.033983e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15835
10798
14018
13411
15713
14180
32996
26519
30614
30934
36306
31336
55011
48801
50511
52475
60778
52063
4.95395e+06
4.97052e+06
4.96815e+06
4.95976e+06
4.94394e+06
4.95906e+06

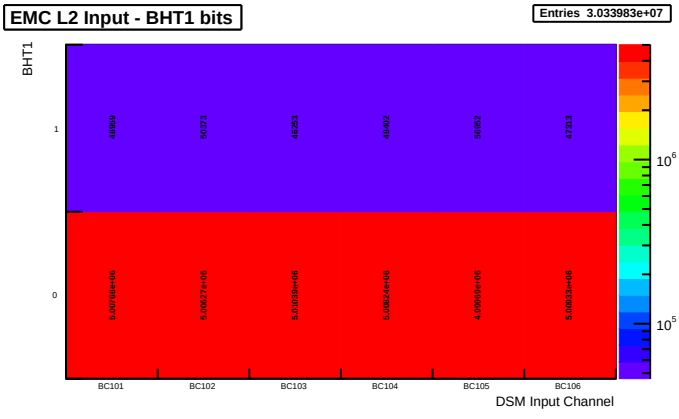

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

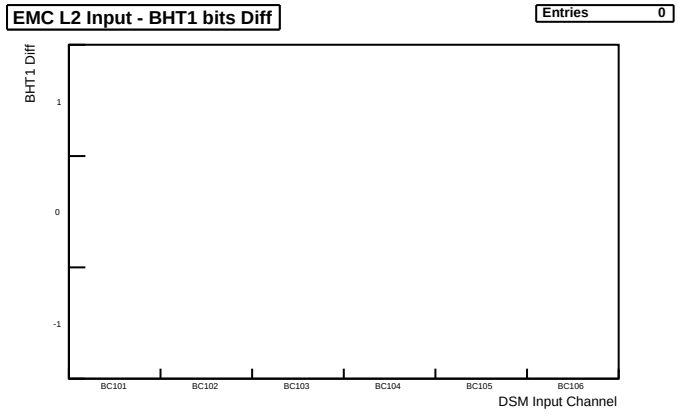

EMC L2 Input - Partial JP Sum
Entries 3.033983e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

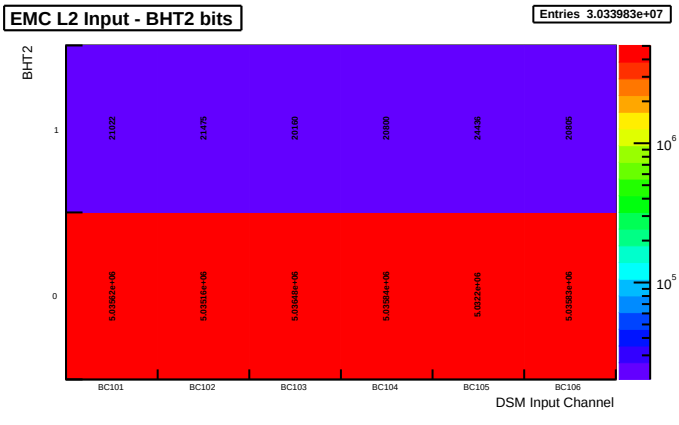

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

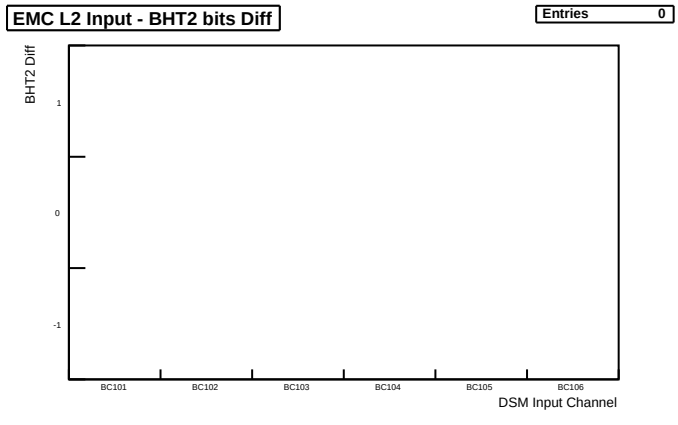

EMC L2 Input - BHT0 bits
Entries 3.033983e+07
BHT0
1
0
112932
114590
108844
112749
132278
110606
4.94371e+06
4.94205e+06
4.94498e+06
4.94389e+06
4.92436e+06
4.94623e+06
10^6
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

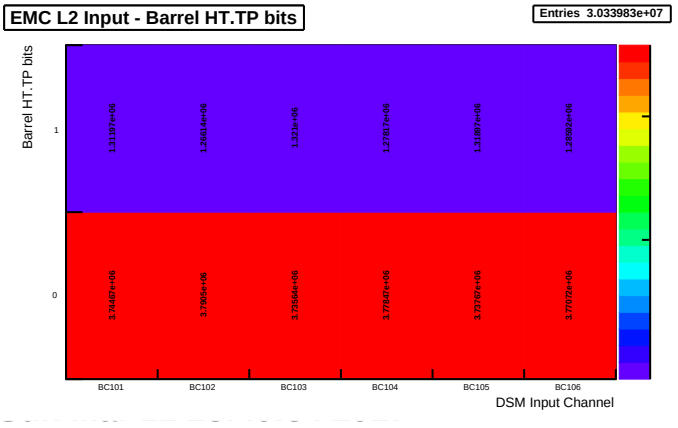

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

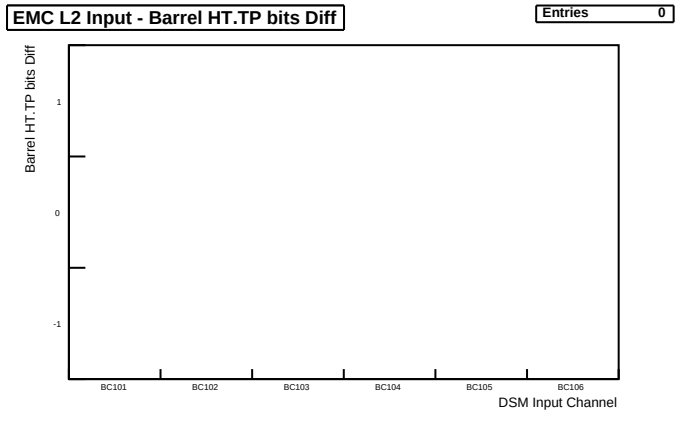

EMC L2 Input - BHT1 bits
Entries 3.033983e+07
BHT1
1
0
43859
50373
45253
45402
55852
47313
5.00768e+06
5.00827e+06
5.01039e+06
5.00824e+06
4.99969e+06
5.00923e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

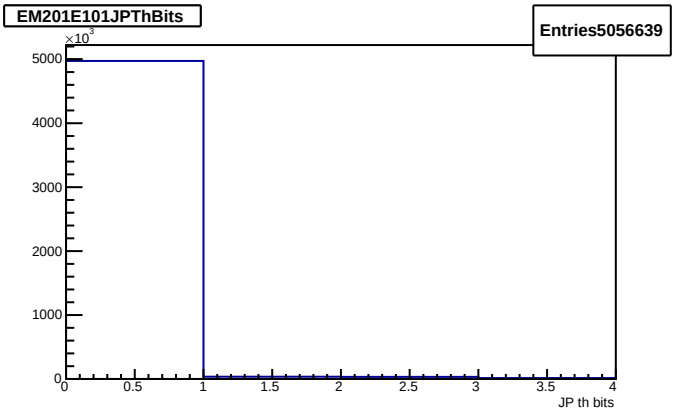

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

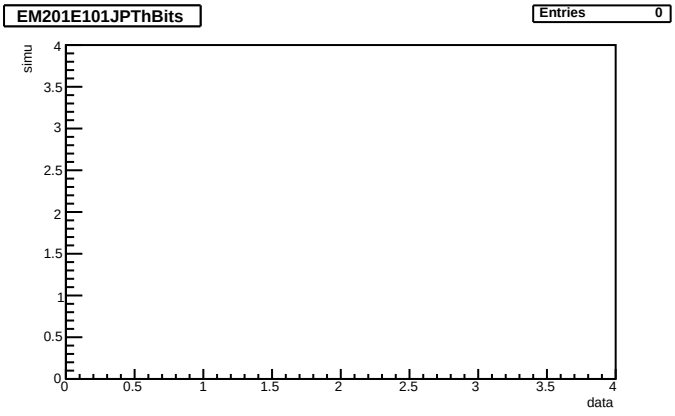

EMC L2 Input - BHT2 bits
Entries 3.033983e+07
BHT2
1
0
21022
21475
20100
20920
24435
20805
5.03562e+06
5.03516e+06
5.03648e+06
5.03594e+06
5.0322e+06
5.03583e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

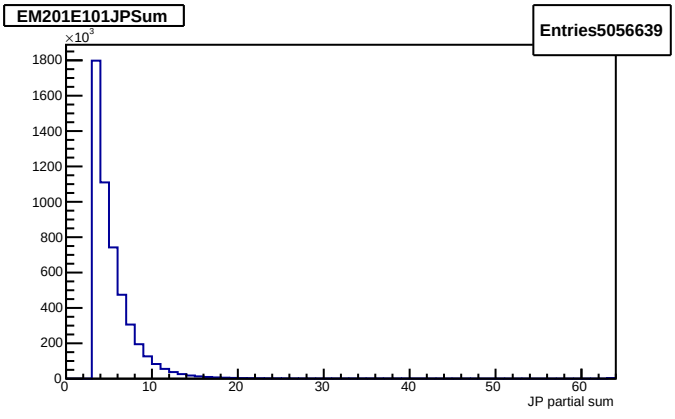

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

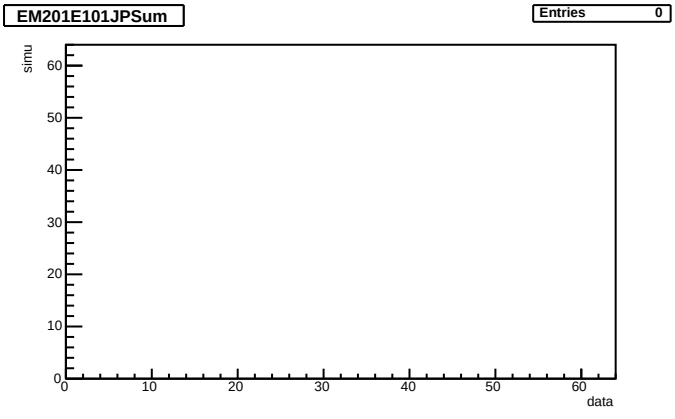

EMC L2 Input - Barrel HT.TP bits
Entries 3.033983e+07
Barrel HT.TP bits
1
0
1.31197e+06
1.26014e+06
1.32e+06
1.27017e+06
1.31897e+06
1.28592e+06
3.74467e+06
3.7905e+06
3.75564e+06
3.77847e+06
3.72767e+06
3.77072e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

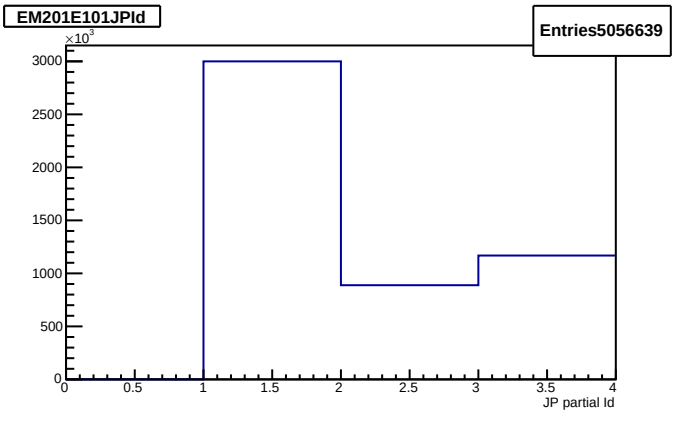

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

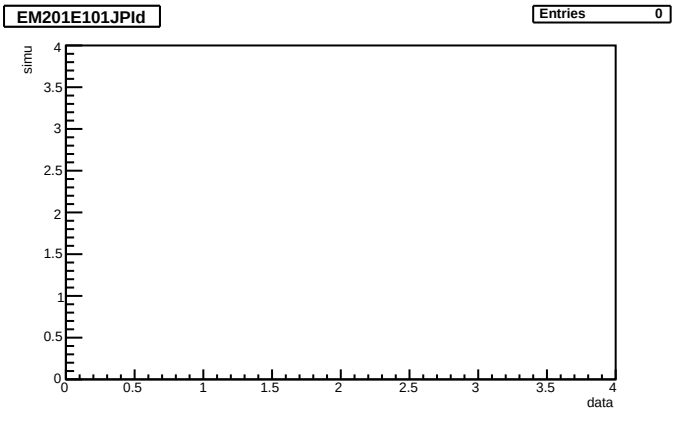

EM201E101JPThBits
Entries5056639
×10^3
JP th bits

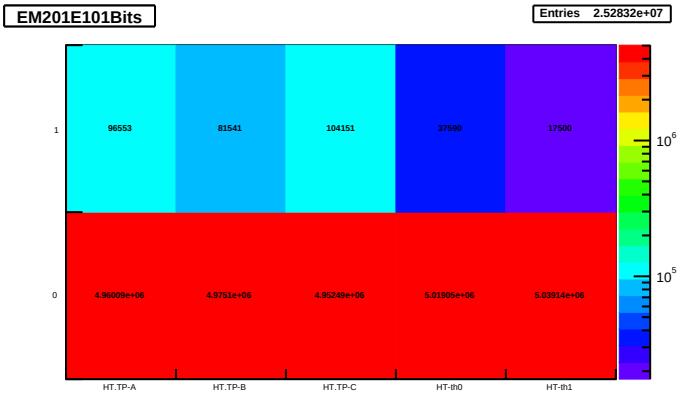

EM201E101JPThBits
Entries 0
simu
data

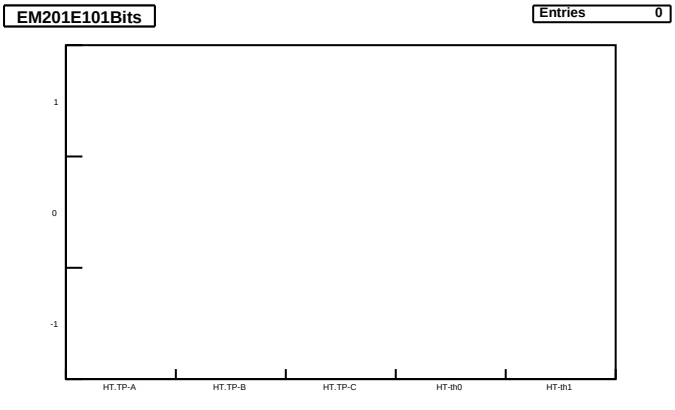

EM201E101JPSum
Entries5056639
×10^3
JP partial sum

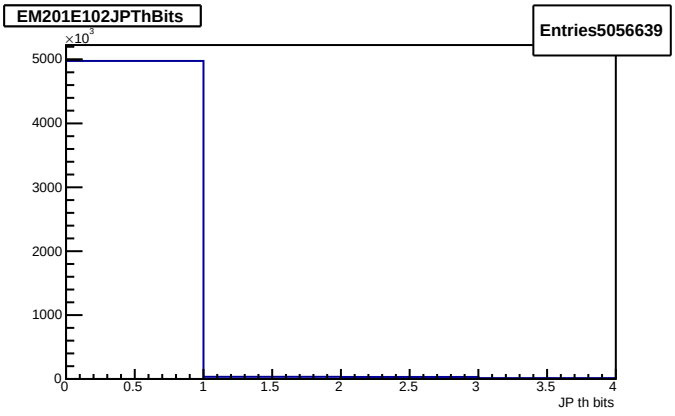

EM201E101JPSum
Entries 0
simu
data

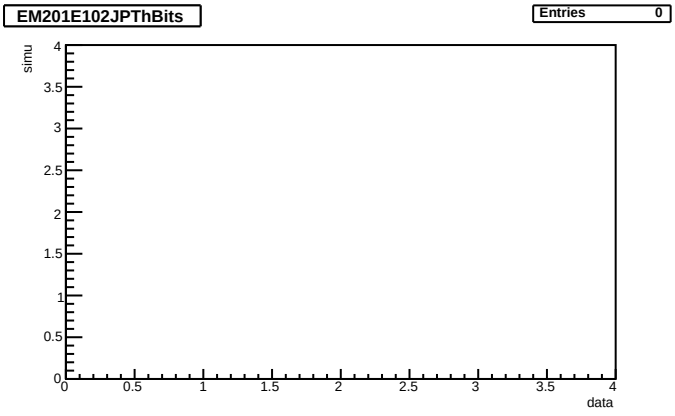

EM201E101JPId
Entries5056639
×10^3
JP partial Id

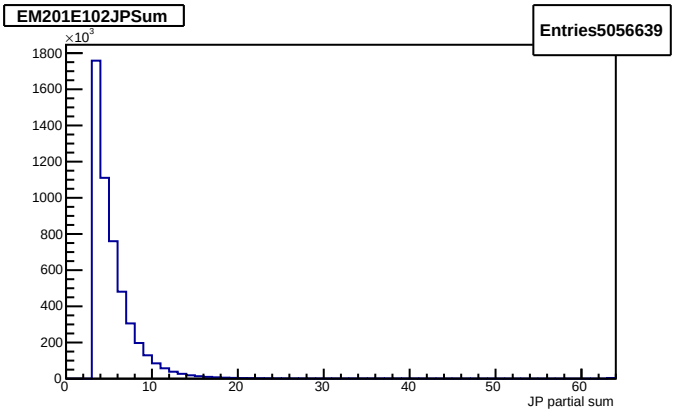

EM201E101JPId
Entries 0
simu
data

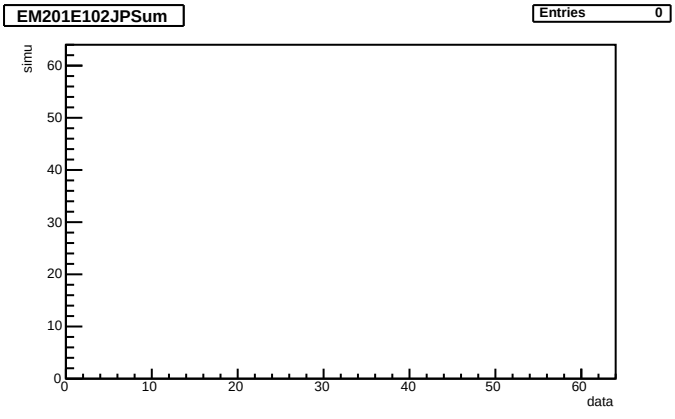

EM201E101Bits
Entries 2.52832e+07
96553
81541
104151
37590
17500
4.96009e+06
4.9751e+06
4.95249e+06
5.01905e+06
5.03914e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

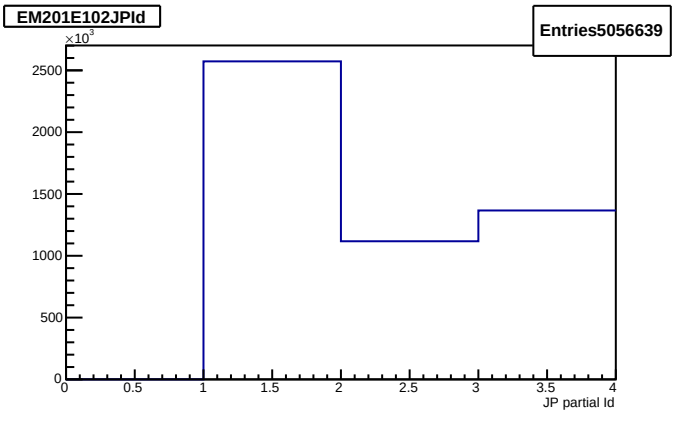

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

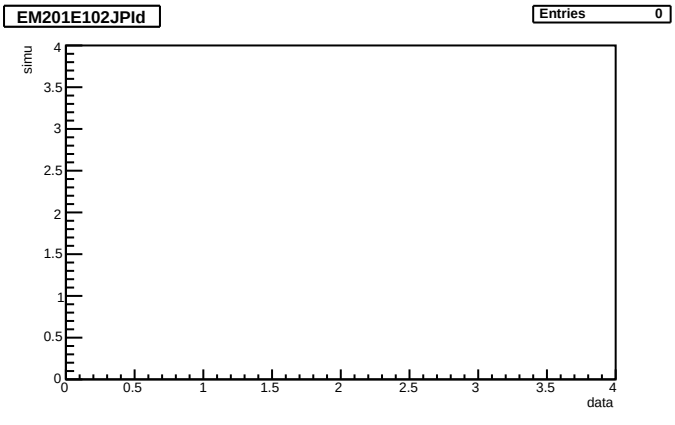

EM201E102JPThBits
Entries5056639
×10^3
JP th bits

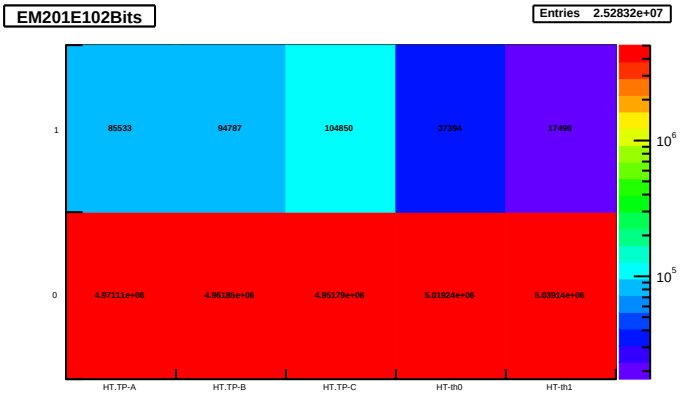

EM201E102JPThBits
Entries 0
simu
data

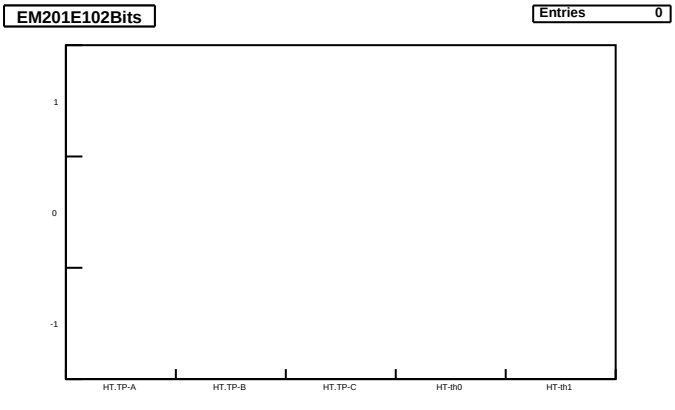

EM201E102JPSum
Entries5056639
×10^3
JP partial sum

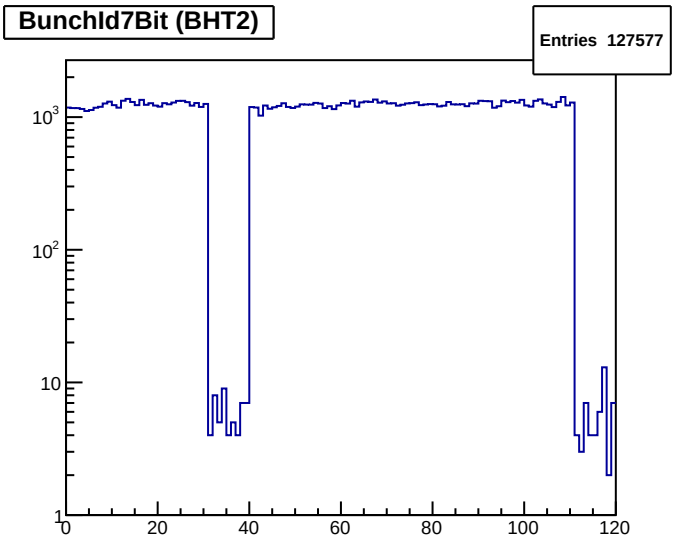

EM201E102JPSum
Entries 0
simu
data

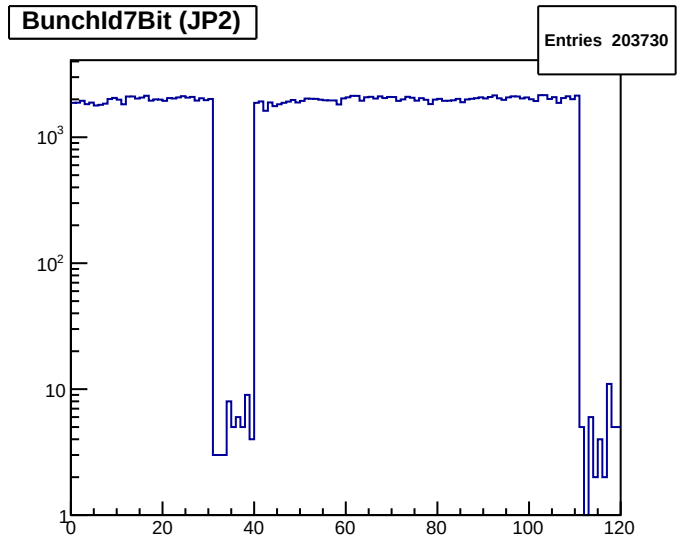

EM201E102JPId
Entries5056639
×10^3
JP partial Id

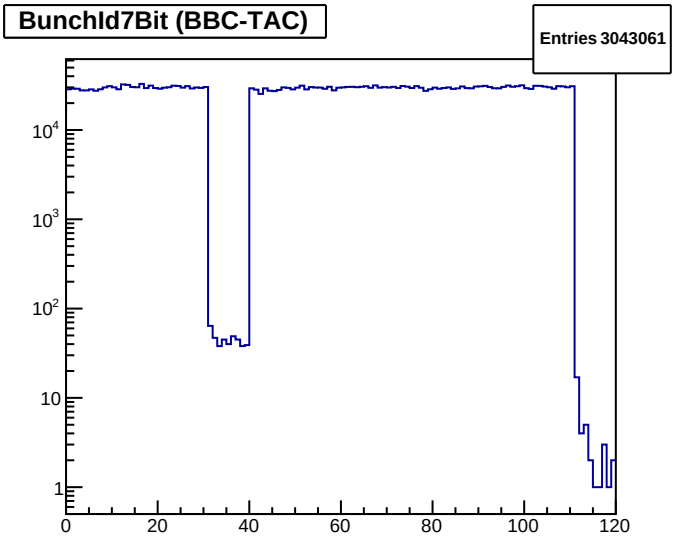

EM201E102JPId
Entries 0
simu
data

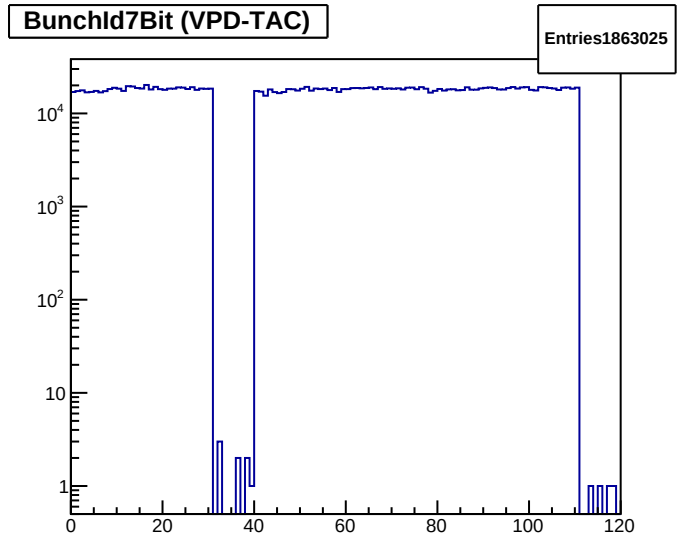

EM201E102Bits
Entries 2.52832e+07
85533
94787
104850
37394
17498
4.97111e+06
4.96185e+06
4.95179e+06
5.01924e+06
5.03914e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

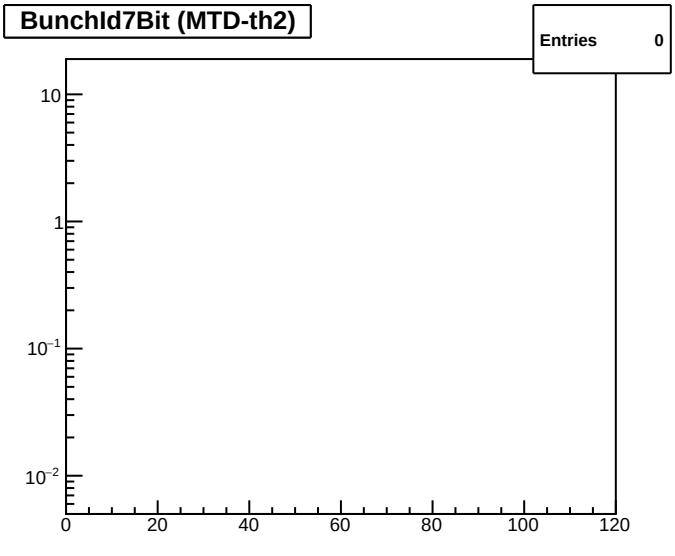

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

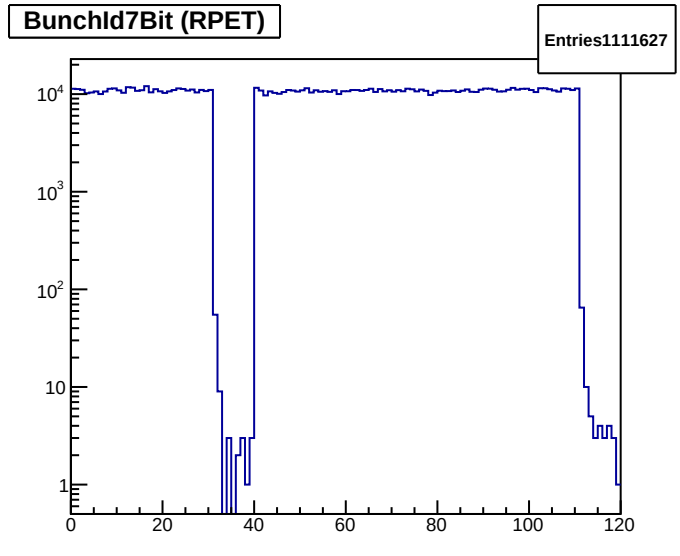

BunchId7Bit (BHT2)
Entries 127577

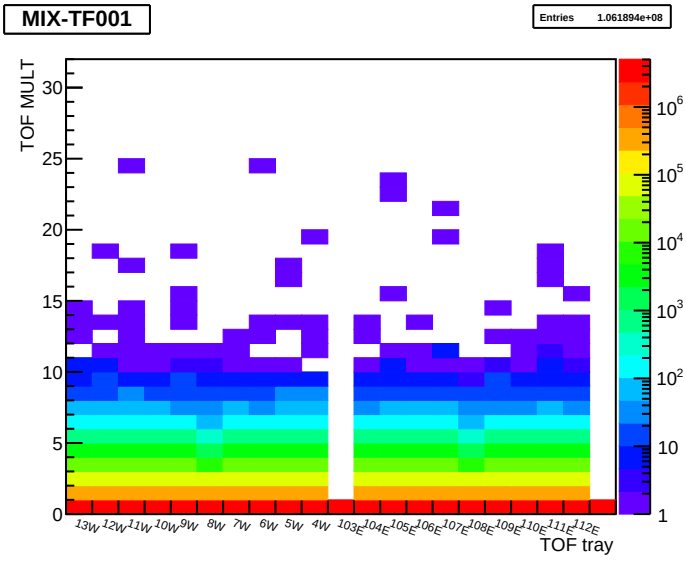

BunchId7Bit (JP2)
Entries 203730

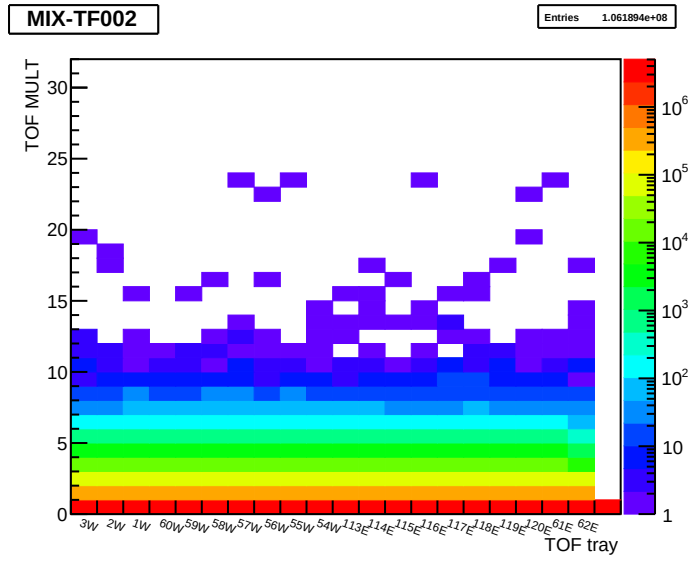

BunchId7Bit (BBC-TAC)
Entries 3043061

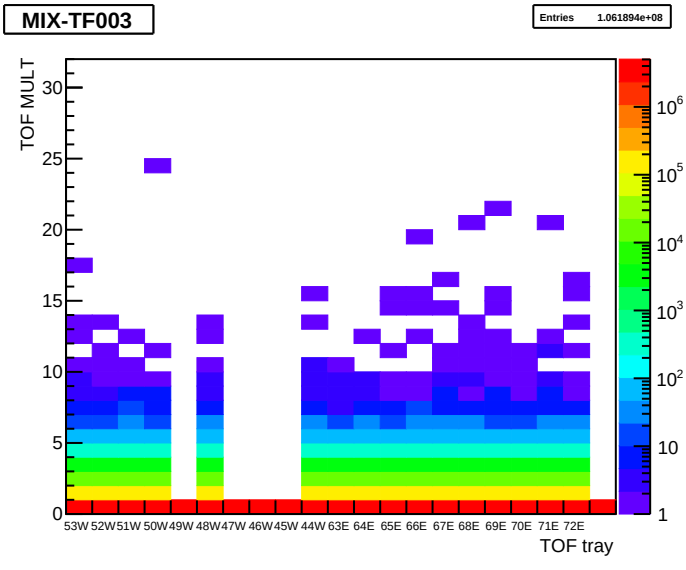

BunchId7Bit (VPD-TAC)
Entries1863025

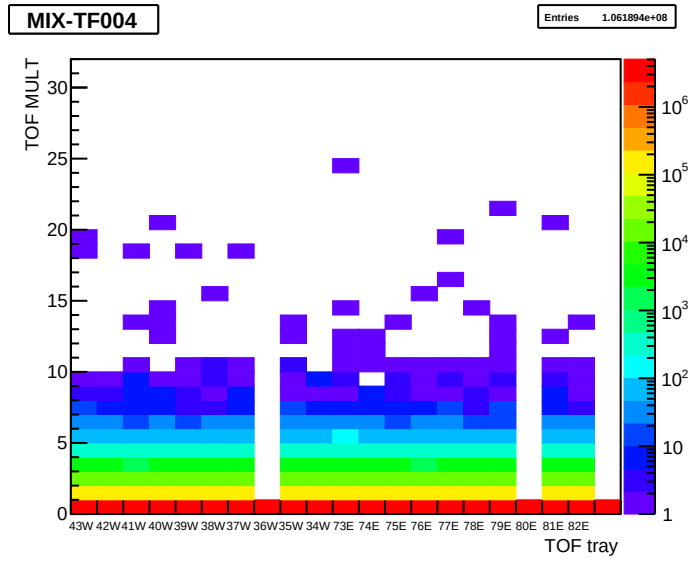

BunchId7Bit (MTD-th2)
Entries 0

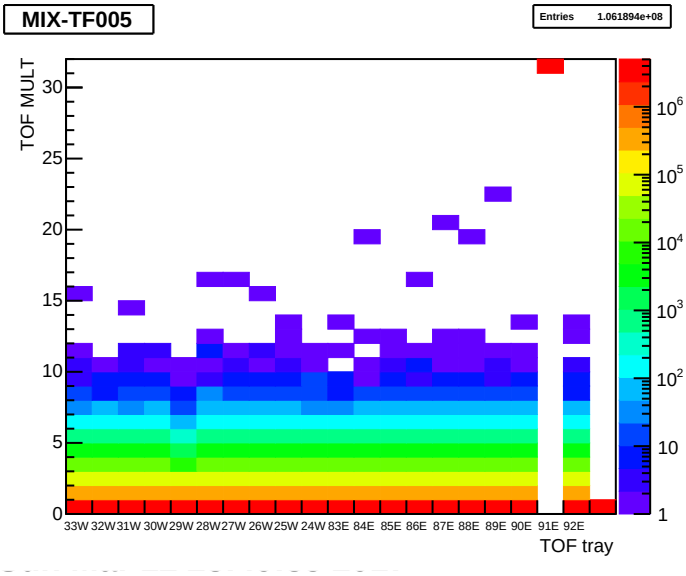

BunchId7Bit (RPET)
Entries1111627

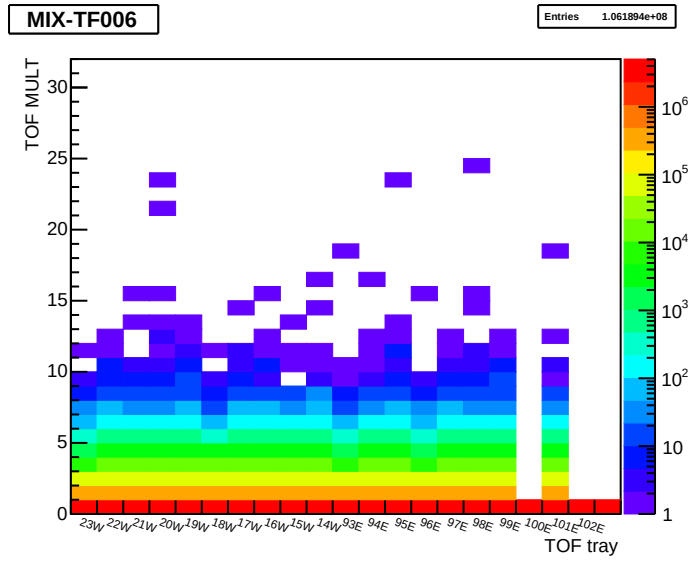

MIX-TF001
Entries 1.061894e+08
TOF MULT
TOF tray

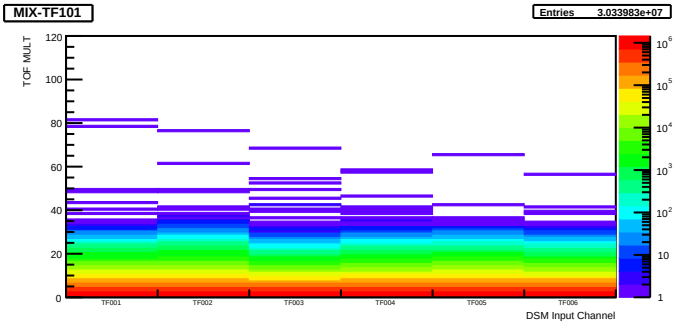

MIX-TF002
Entries 1.061894e+08
TOF MULT
TOF tray

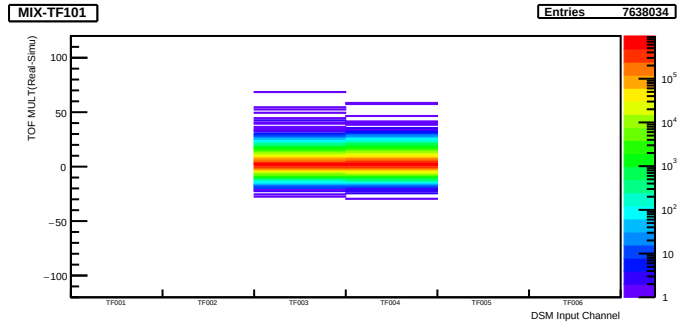

MIX-TF003
Entries 1.061894e+08
TOF MULT
TOF tray

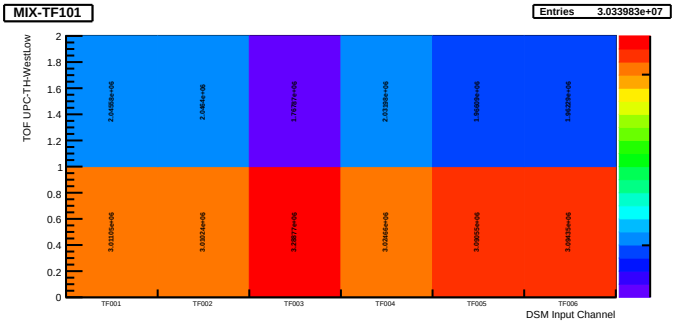

MIX-TF004
Entries 1.061894e+08
TOF MULT
TOF tray

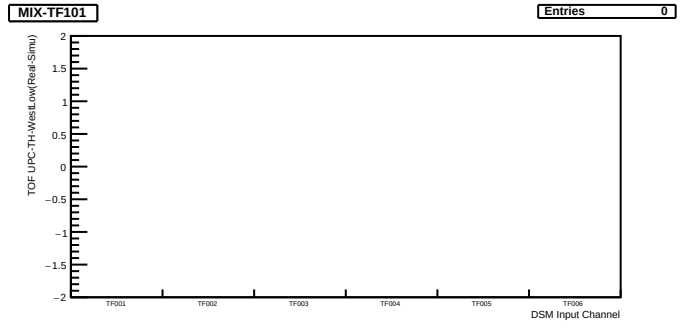

MIX-TF005
Entries 1.061894e+08
TOF MULT
TOF tray

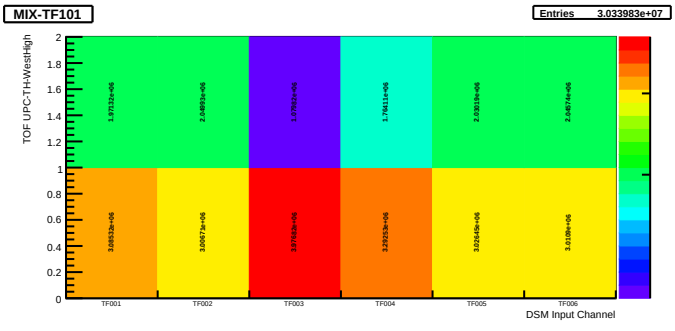

MIX-TF006
Entries 1.061894e+08
TOF MULT
TOF tray

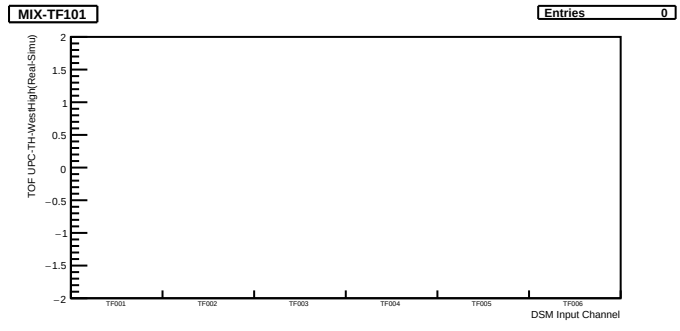

MIX-TF101
Entries 3.033983e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

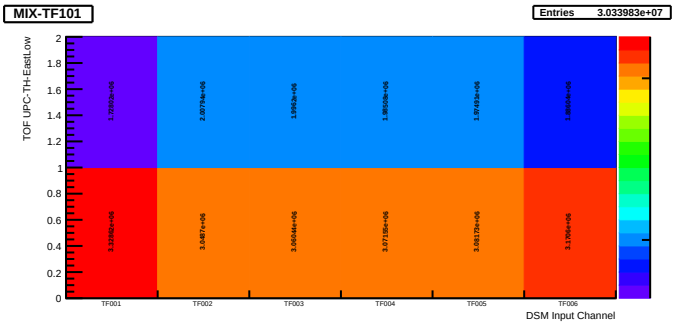

MIX-TF101
Entries 7638034
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

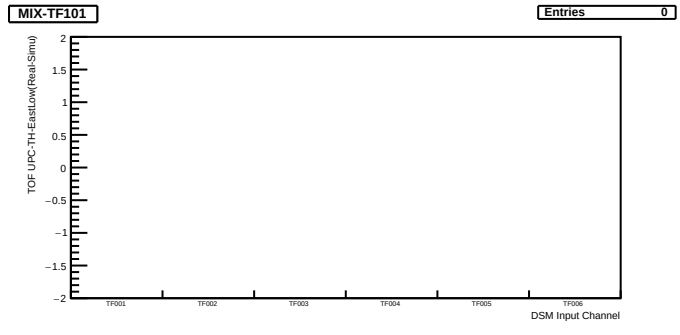

MIX-TF101
Entries 3.033983e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

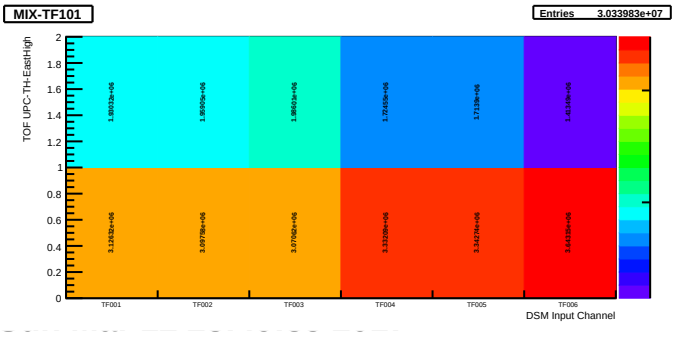

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

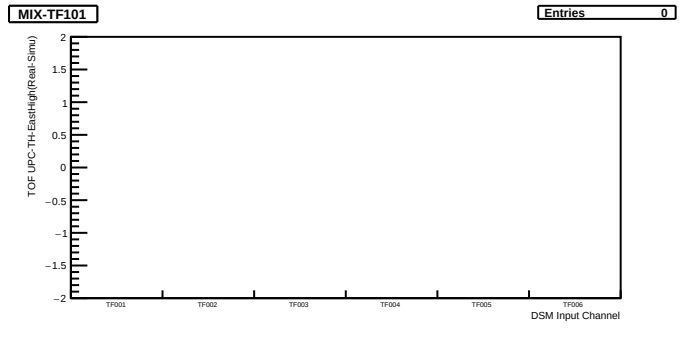

MIX-TF101
Entries 3.033983e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

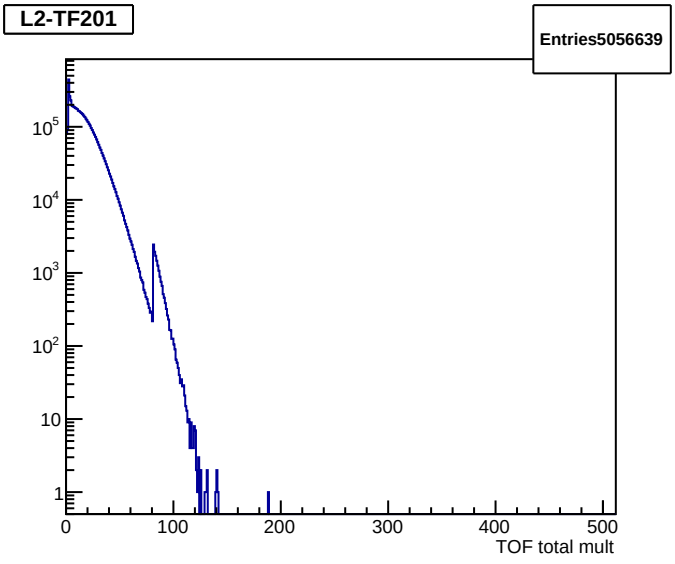

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

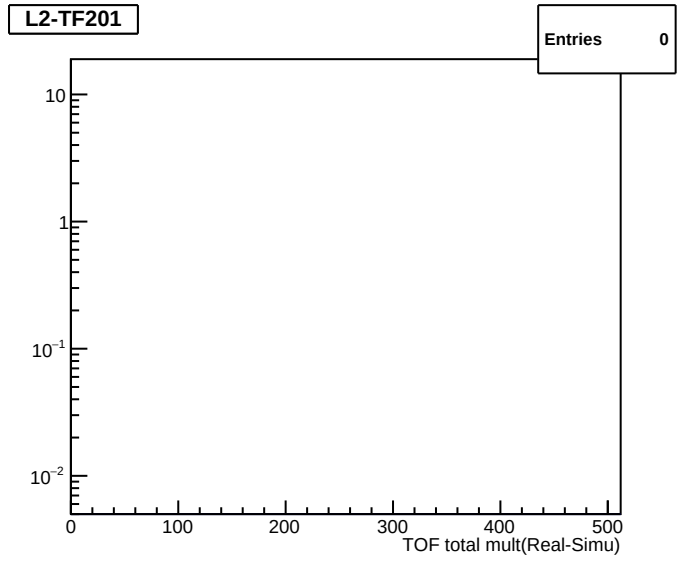

MIX-TF101
Entries 3.033983e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

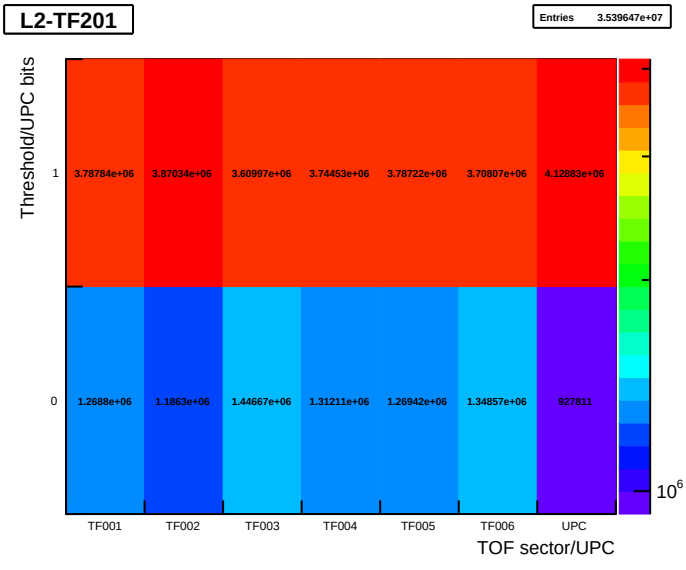

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

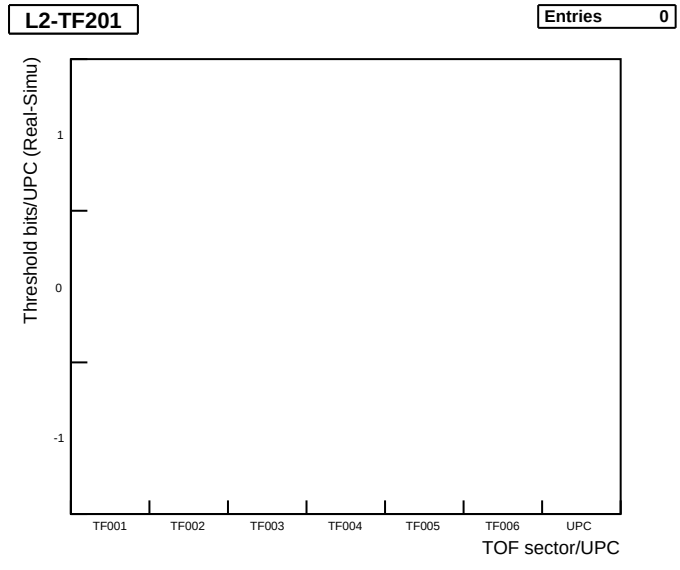

MIX-TF101
Entries 3.033983e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

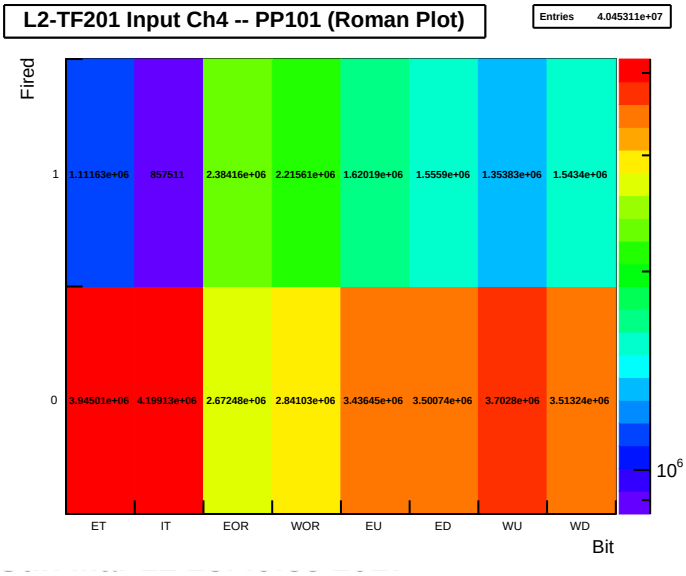

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

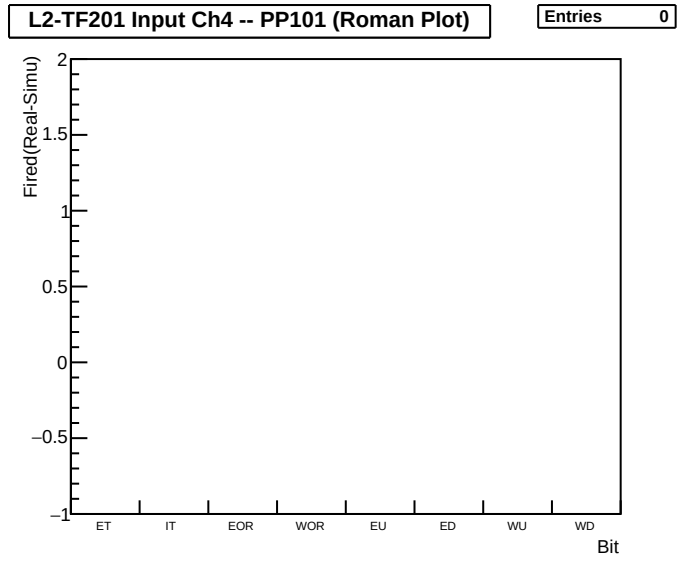

L2-TF201
Entries5056639
TOF total mult

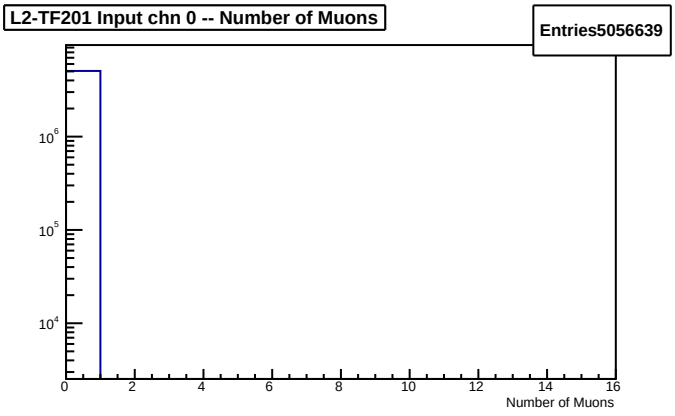

L2-TF201
Entries 0
TOF total mult(Real-Simu)

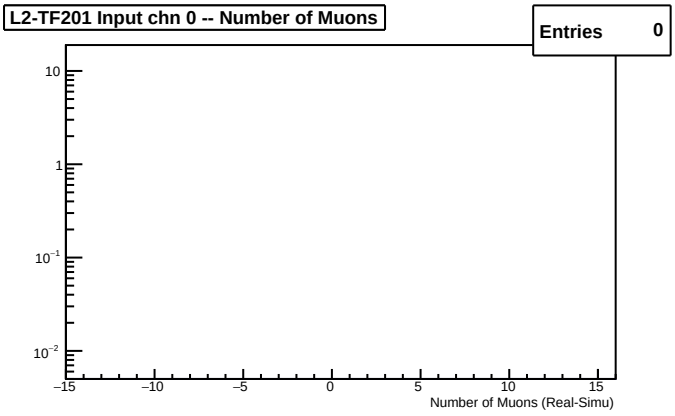

L2-TF201
Entries 3.539647e+07
Threshold/UPC bits
3.78784e+06
3.87034e+06
3.60997e+06
3.74453e+06
3.78722e+06
3.70807e+06
4.12883e+06
1.2688e+06
1.1863e+06
1.44667e+06
1.31211e+06
1.26942e+06
1.34857e+06
927811
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

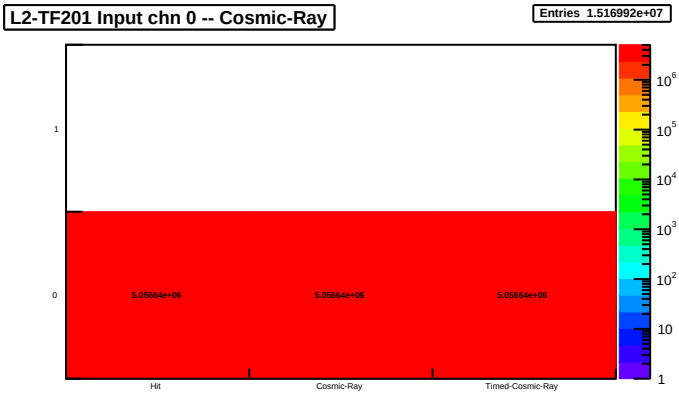

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

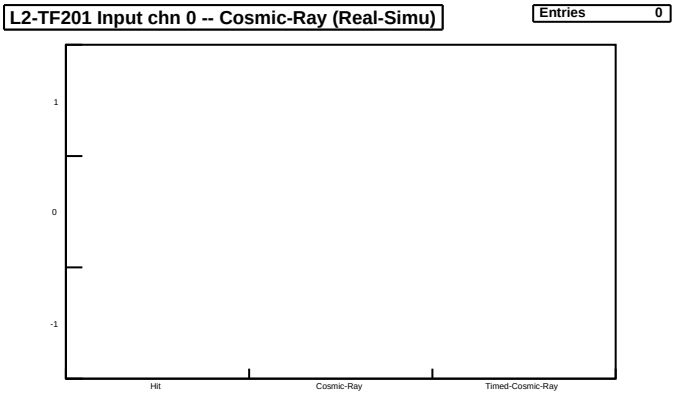

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.045311e+07
Fired
1.11163e+06
857511
2.38416e+06
2.21561e+06
1.62019e+06
1.5559e+06
1.35383e+06
1.5434e+06
3.94501e+06
4.19913e+06
2.67248e+06
2.84103e+06
3.43645e+06
3.50074e+06
3.7028e+06
3.51324e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

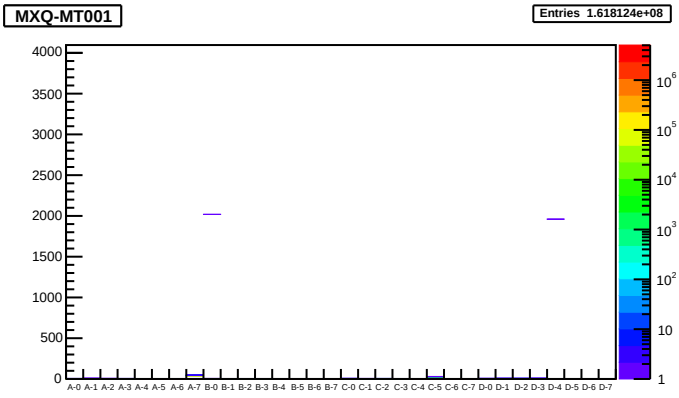

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

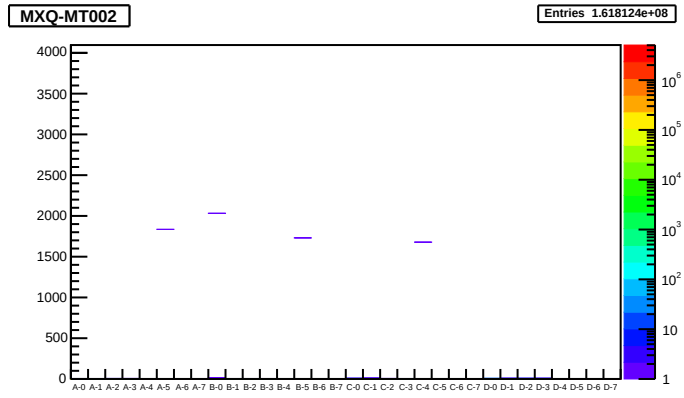

L2-TF201 Input chn 0 -- Number of Muons
Entries5056639
Number of Muons

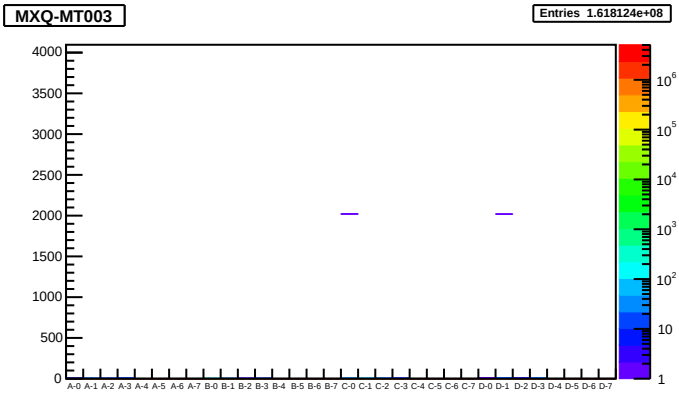

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

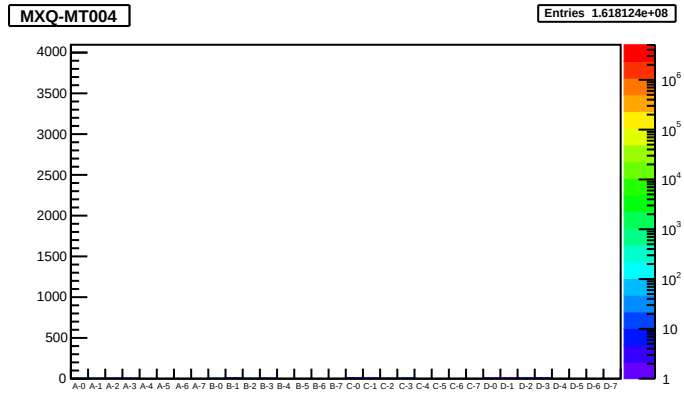

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.516992e+07
5.05664e+06
5.05664e+06
5.05664e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

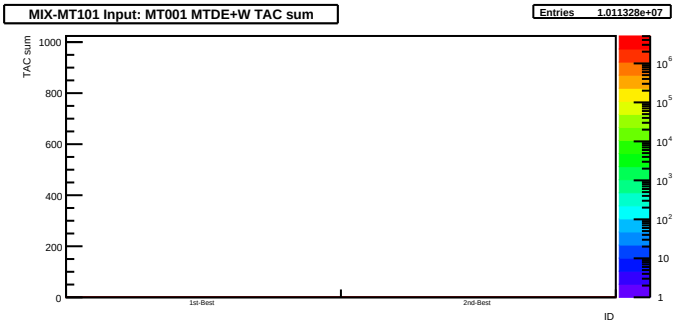

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

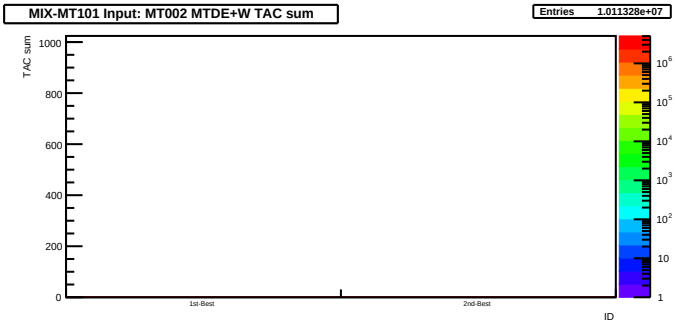

MXQ-MT001
Entries 1.618124e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

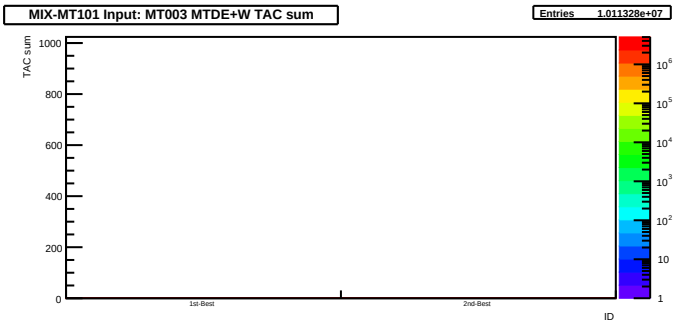

MXQ-MT002
Entries 1.618124e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

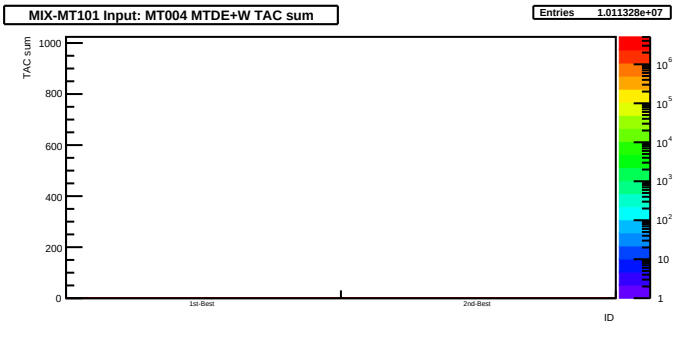

MXQ-MT003
Entries 1.618124e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

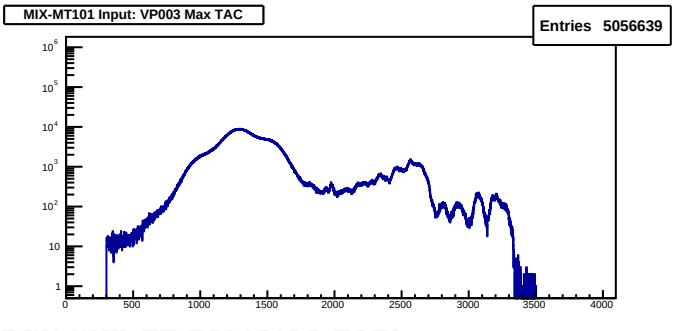

MXQ-MT004
Entries 1.618124e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

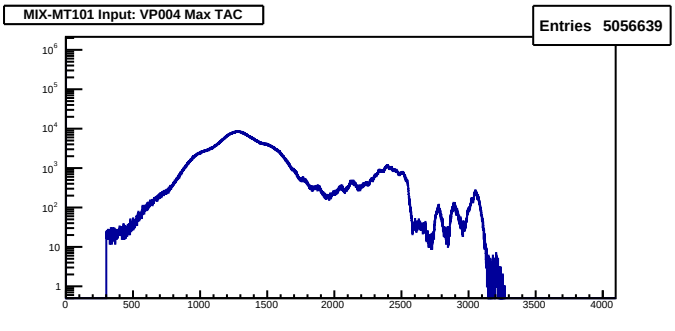

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.011328e+07
TAC sum
1st-Best
2nd-Best
ID

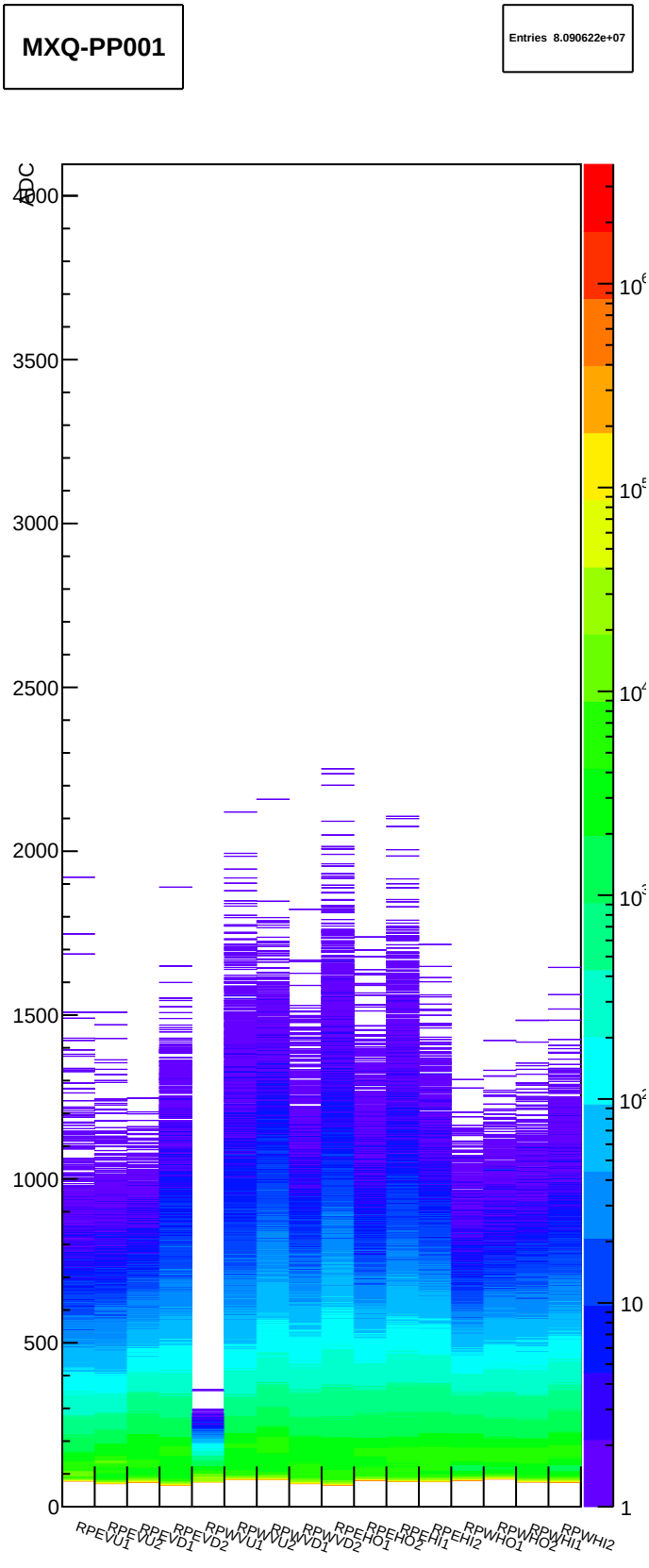

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.011328e+07
TAC sum
1st-Best
2nd-Best
ID

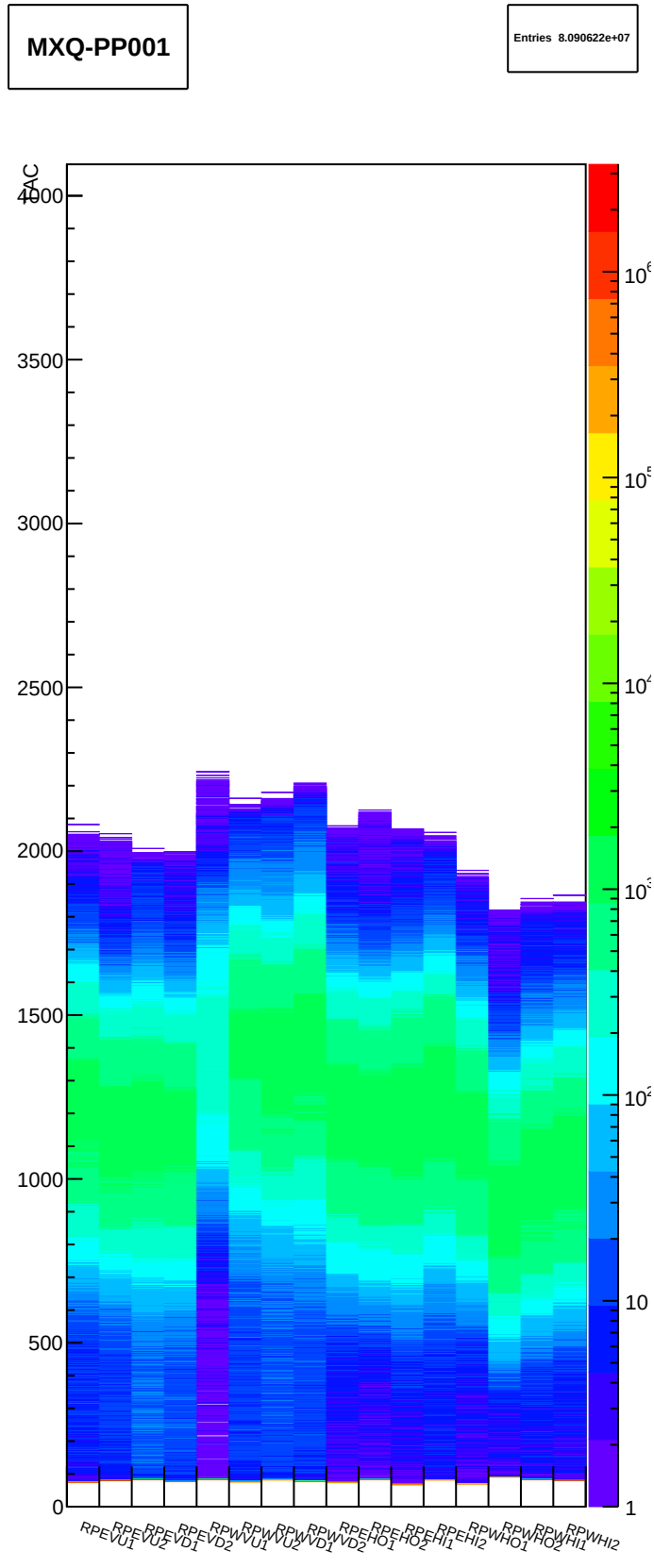

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.011328e+07
TAC sum
1st-Best
2nd-Best
ID

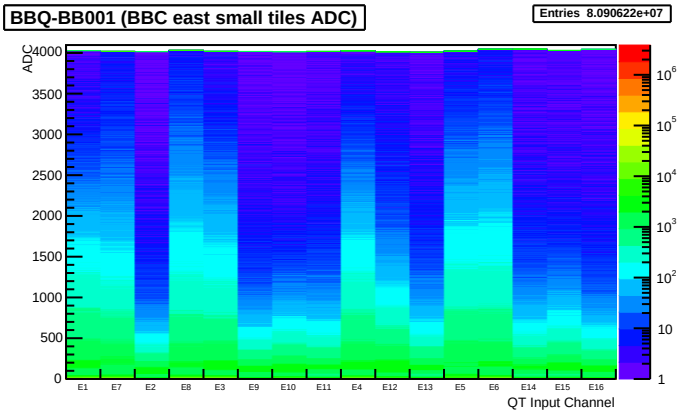

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.011328e+07
TAC sum
1st-Best
2nd-Best
ID

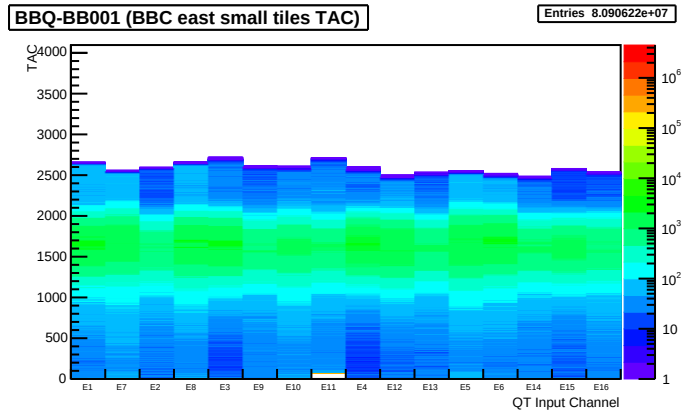

MIX-MT101 Input: VP003 Max TAC
Entries 5056639

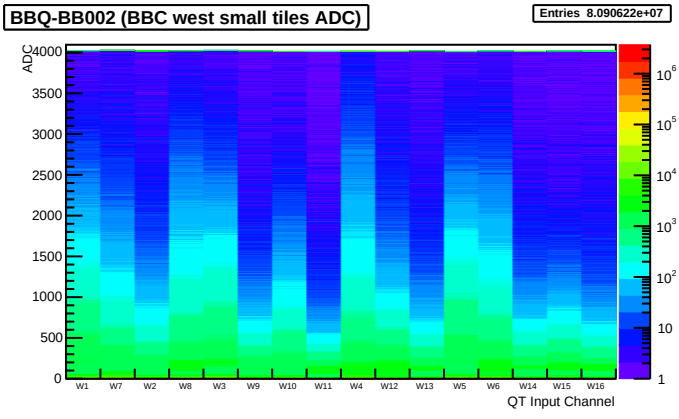

MIX-MT101 Input: VP004 Max TAC
Entries 5056639

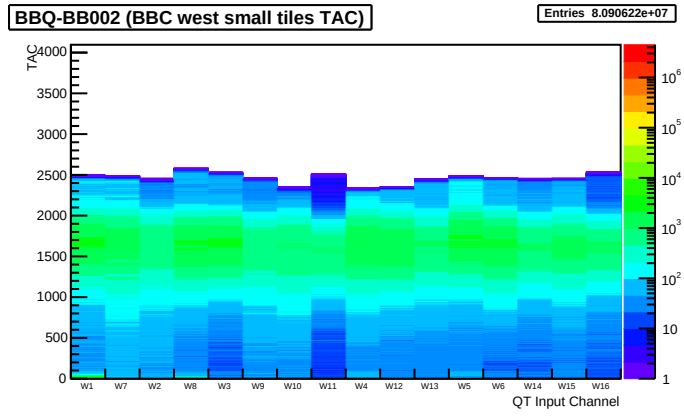

MXQ-PP001
Entries 8.090622e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

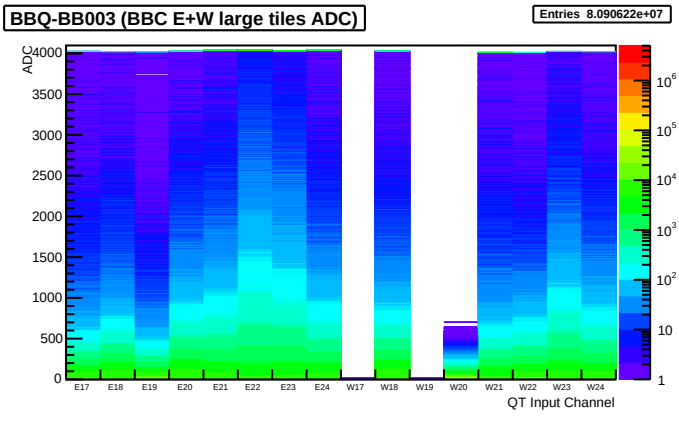

MXQ-PP001
Entries 8.090622e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

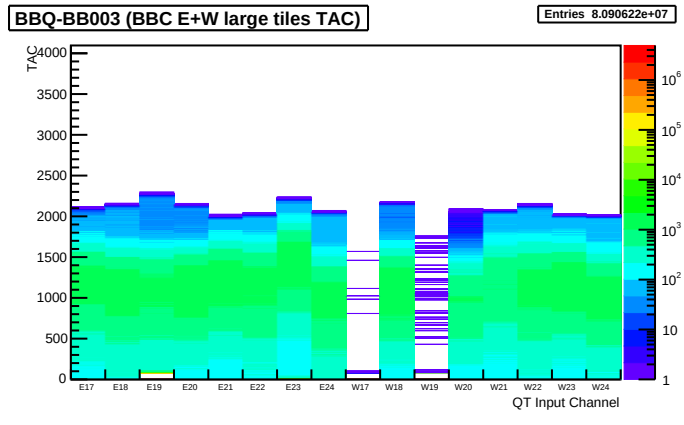

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.090622e+07
ADC
QT Input Channel

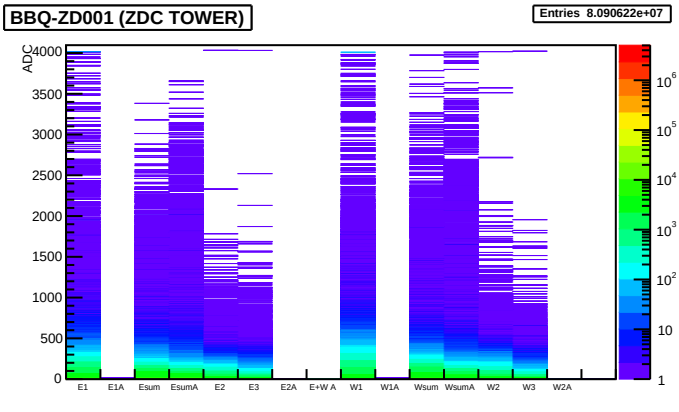

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.090622e+07
TAC
QT Input Channel

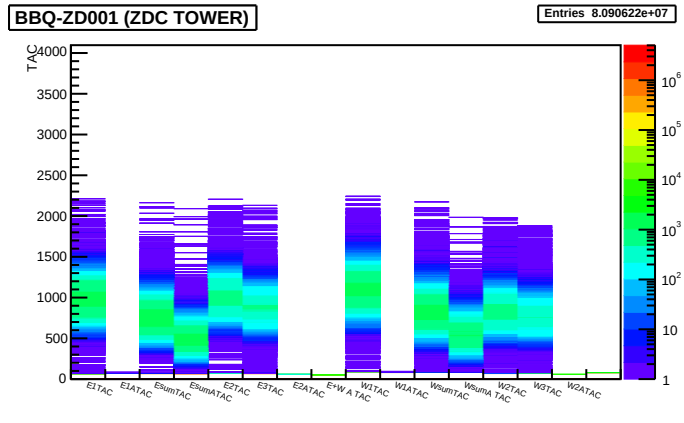

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.090622e+07
ADC
QT Input Channel

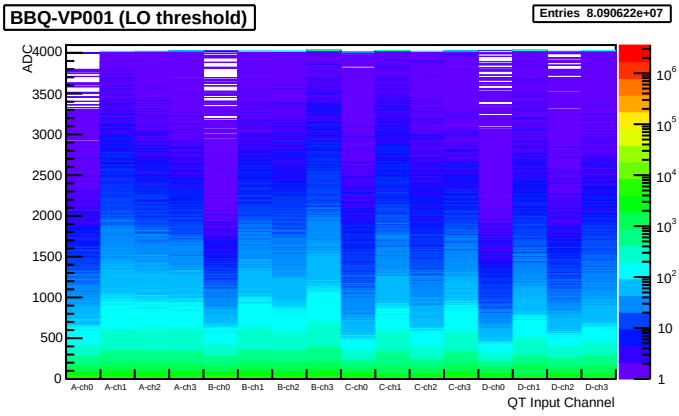

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.090622e+07
TAC
QT Input Channel

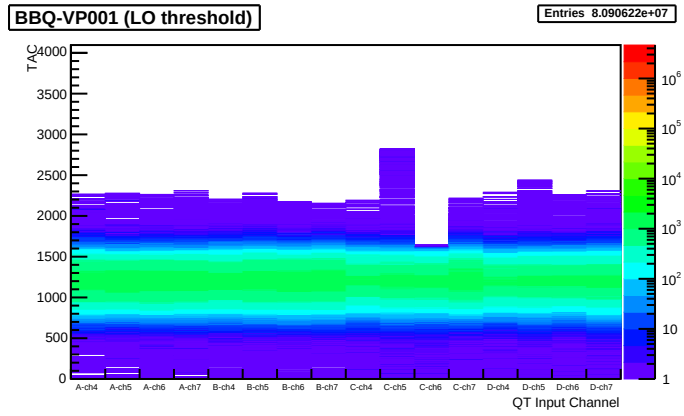

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.090622e+07
ADC
QT Input Channel

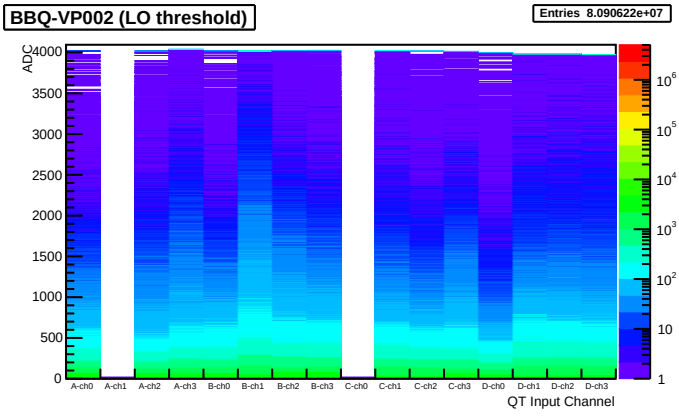

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.090622e+07
TAC
QT Input Channel

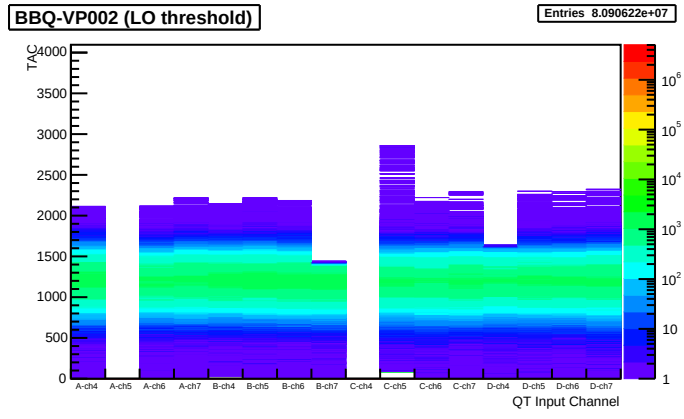

BBQ-ZD001 (ZDC TOWER)
Entries 8.090622e+07
ADC

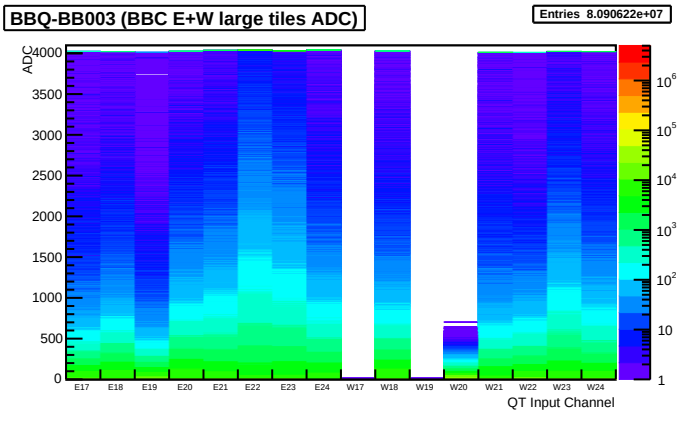

BBQ-ZD001 (ZDC TOWER)
Entries 8.090622e+07
TAC

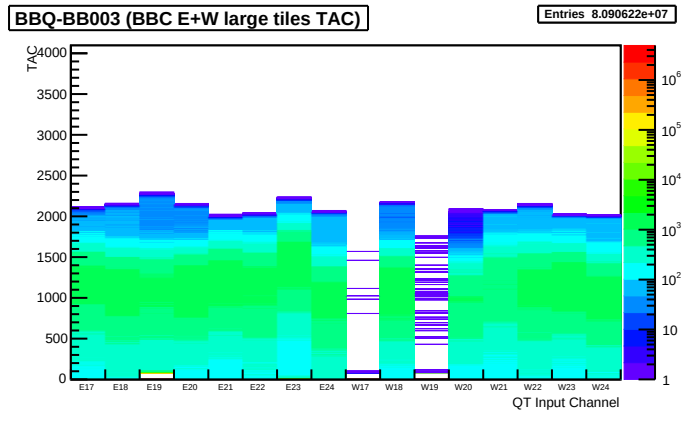

BBQ-VP001 (LO threshold)
Entries 8.090622e+07
ADC
QT Input Channel

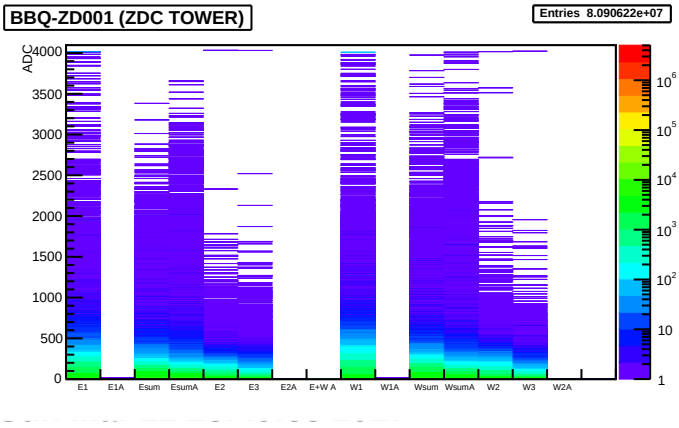

BBQ-VP001 (LO threshold)
Entries 8.090622e+07
TAC
QT Input Channel

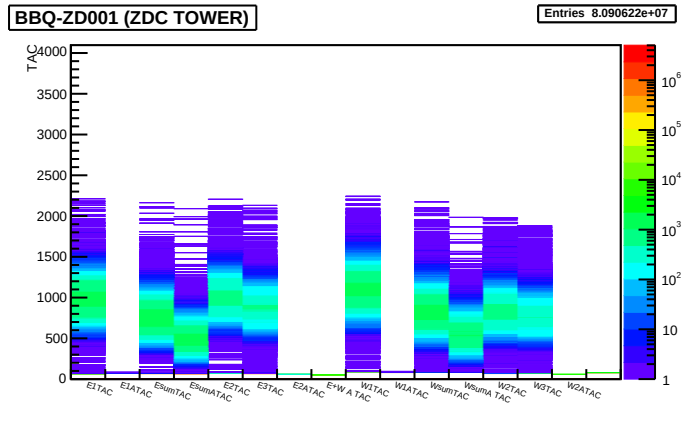

BBQ-VP002 (LO threshold)
Entries 8.090622e+07
ADC
QT Input Channel

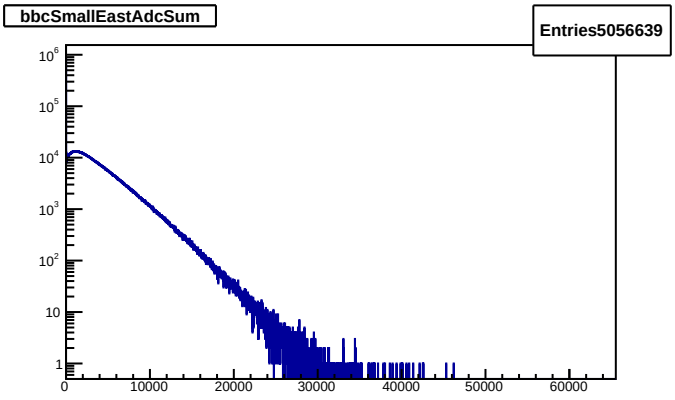

BBQ-VP002 (LO threshold)
Entries 8.090622e+07
TAC
QT Input Channel

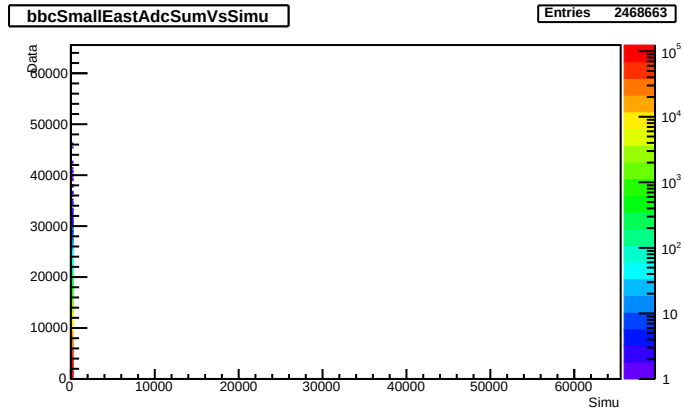

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.090622e+07
ADC
QT Input Channel

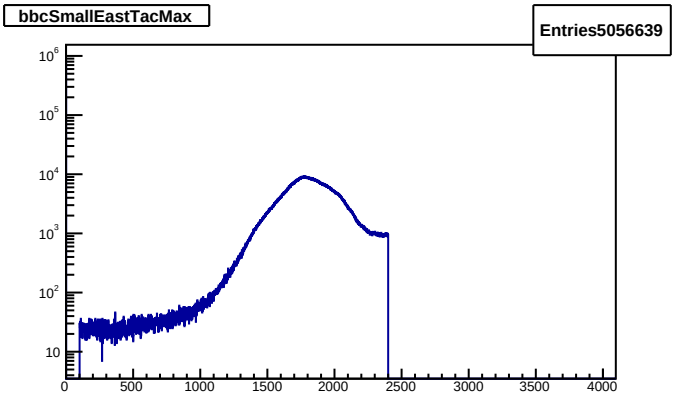

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.090622e+07
TAC
QT Input Channel

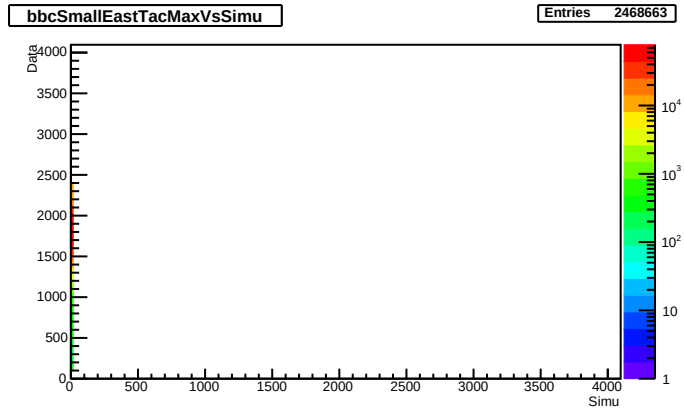

BBQ-ZD001 (ZDC TOWER)
Entries 8.090622e+07
ADC

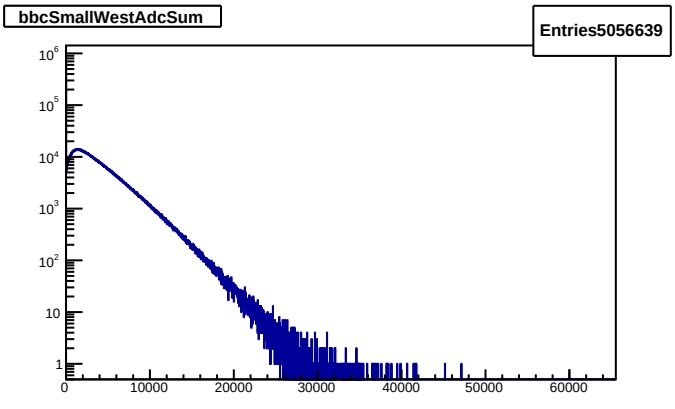

BBQ-ZD001 (ZDC TOWER)
Entries 8.090622e+07
TAC

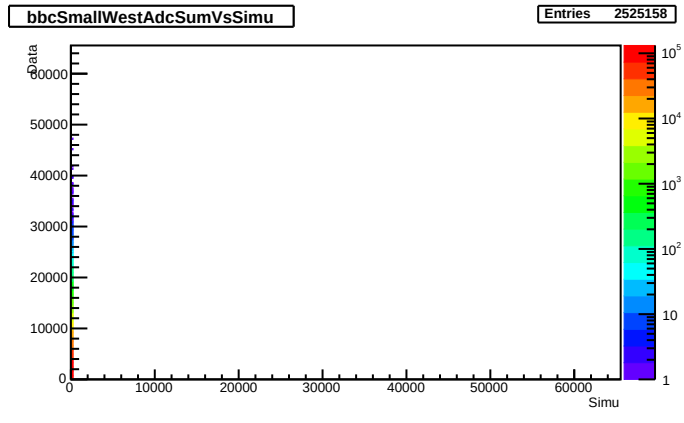

bbcSmallEastAdcSum
Entries5056639

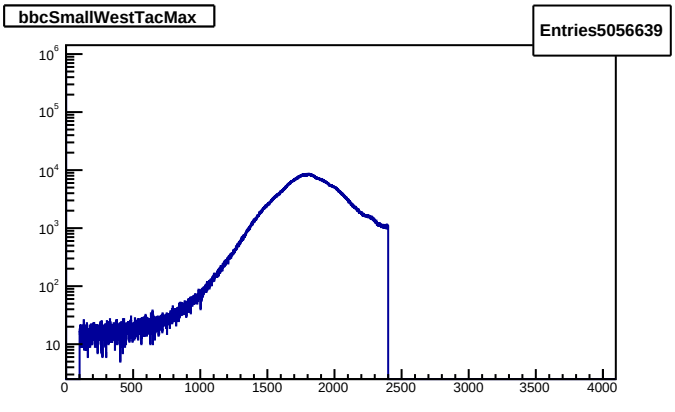

bbcSmallEastAdcSumVsSimu
Entries 2468663
Data
Simu

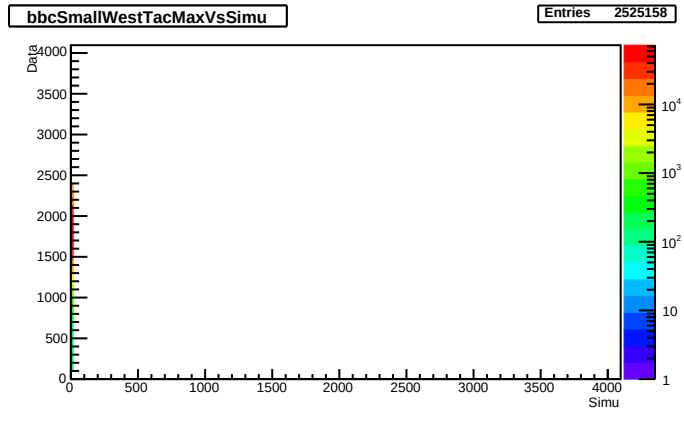

bbcSmallEastTacMax
Entries5056639

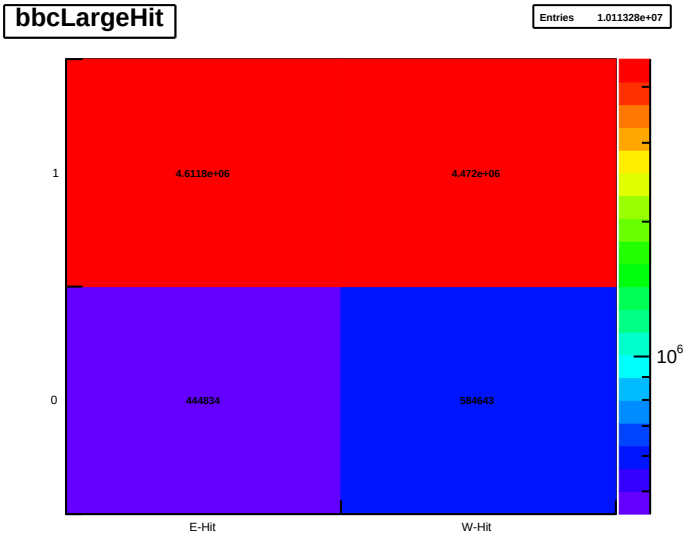

bbcSmallEastTacMaxVsSimu
Entries 2468663
Data
Simu

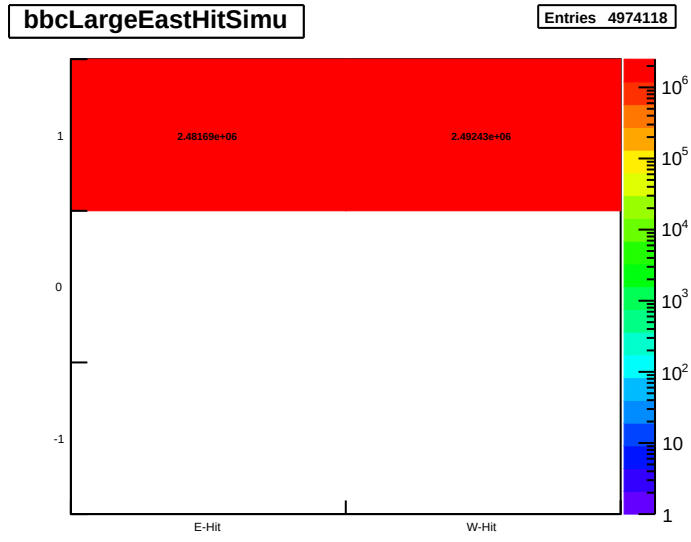

bbcSmallWestAdcSum
Entries5056639

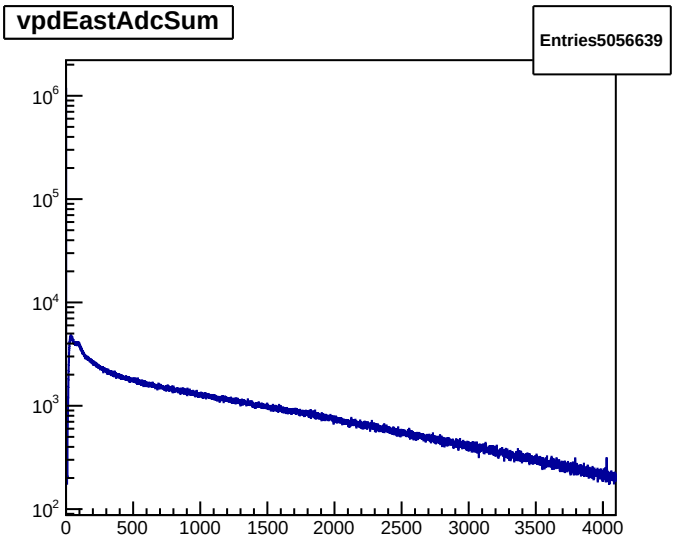

bbcSmallWestAdcSumVsSimu
Entries 2525158
Data
Simu

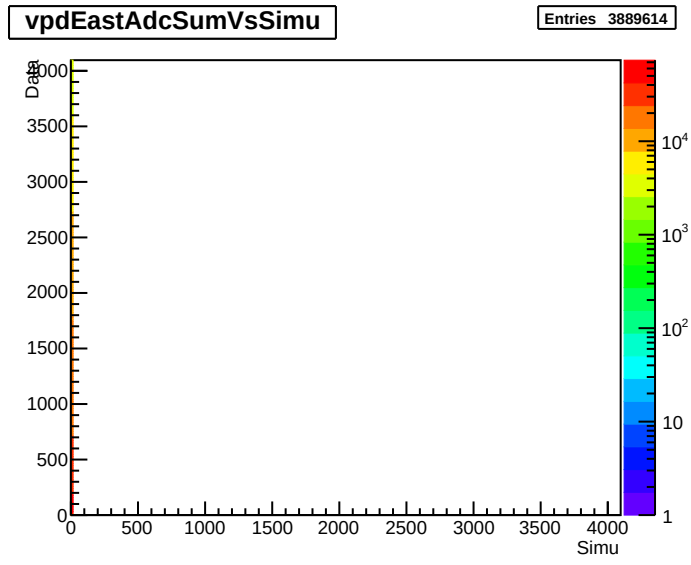

bbcSmallWestTacMax
Entries5056639

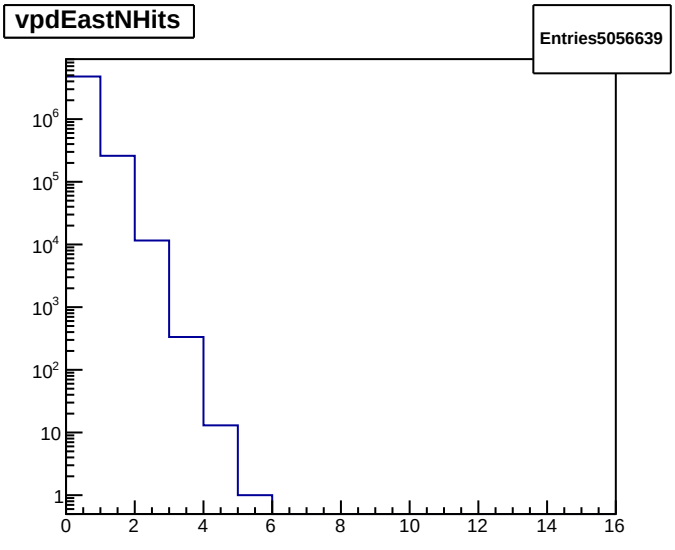

bbcSmallWestTacMaxVsSimu
Entries 2525158
Data
Simu

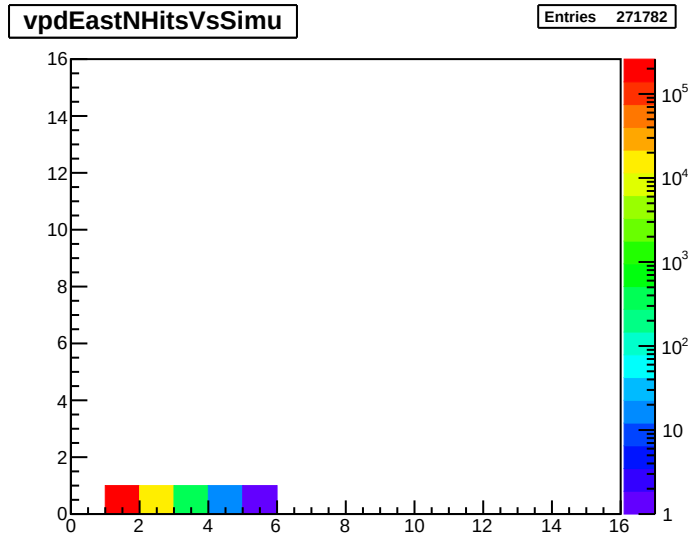

bbcLargeHit
Entries 1.011328e+07
1
0
4.6118e+06
4.472e+06
444834
584643
E-Hit
W-Hit
10^6

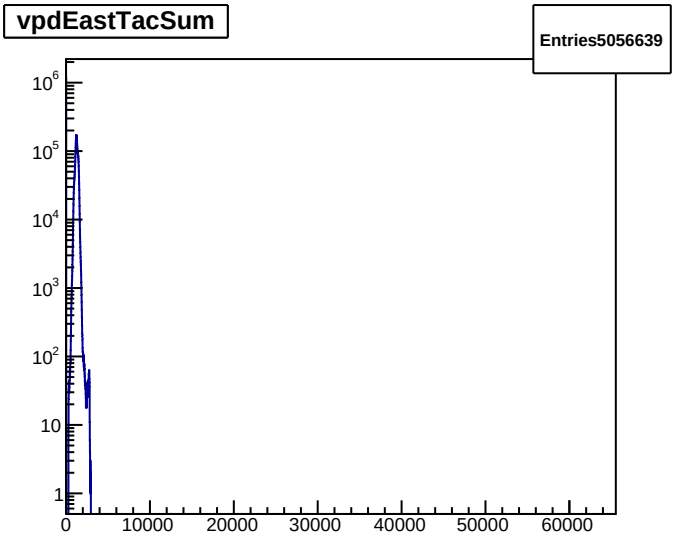

bbcLargeEastHitSimu
Entries 4974118
1
0
-1
2.48169e+06
2.49243e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

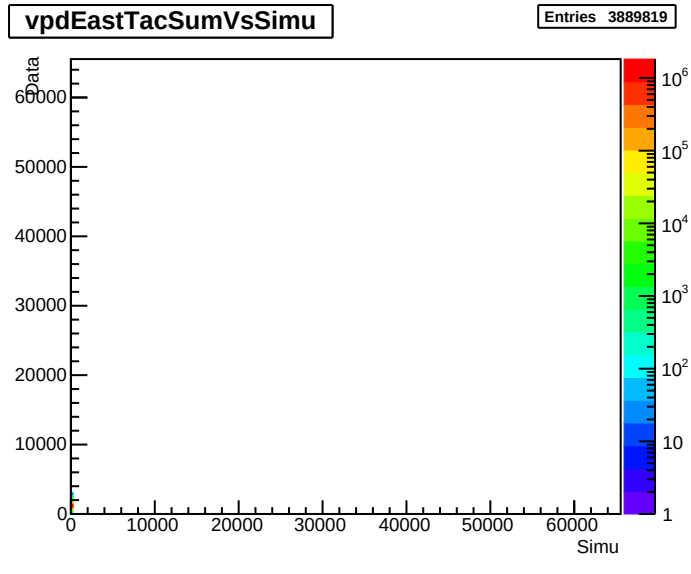

vpdEastAdcSum
Entries5056639

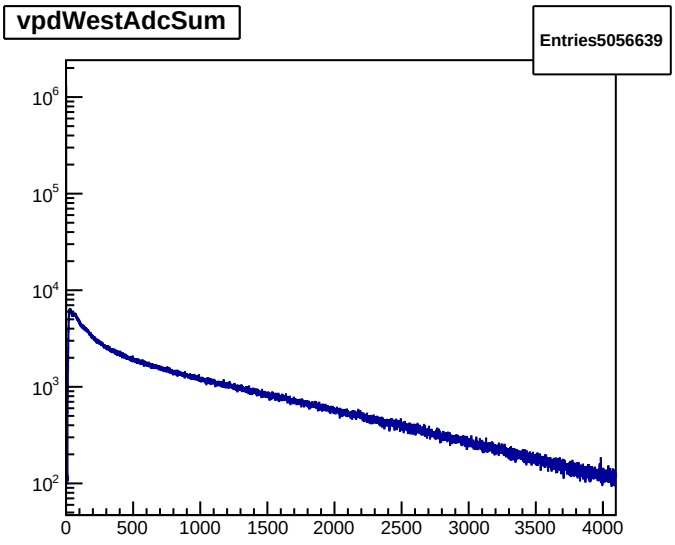

vpdEastAdcSumVsSimu
Entries 3889614
Data
Simu

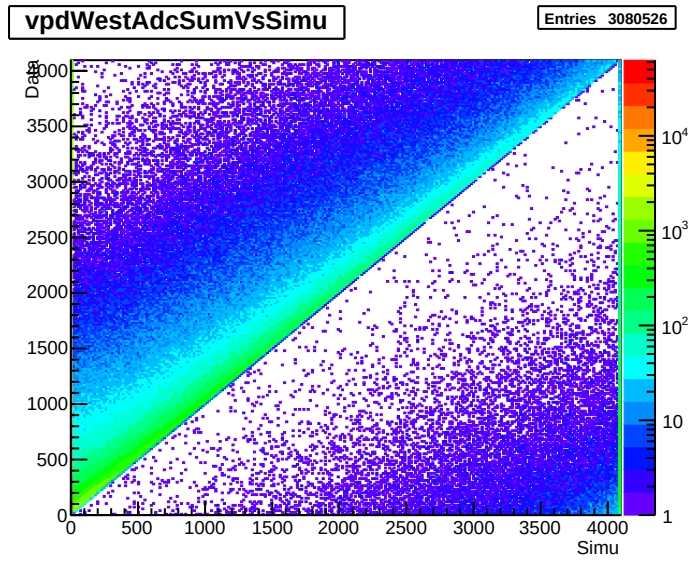

vpdEastNHits
Entries5056639

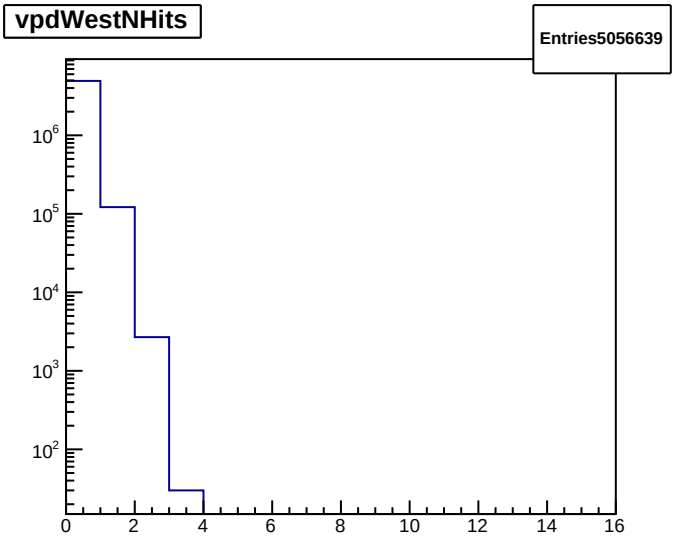

vpdEastNHitsVsSimu
Entries 271782

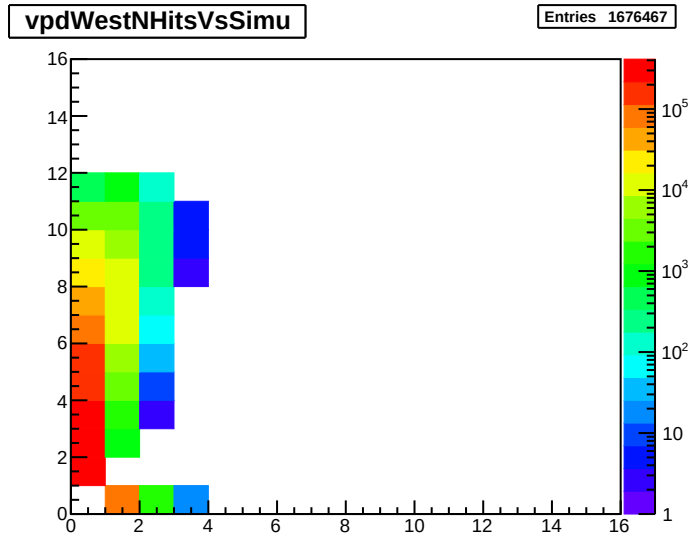

vpdEastTacSum
Entries5056639

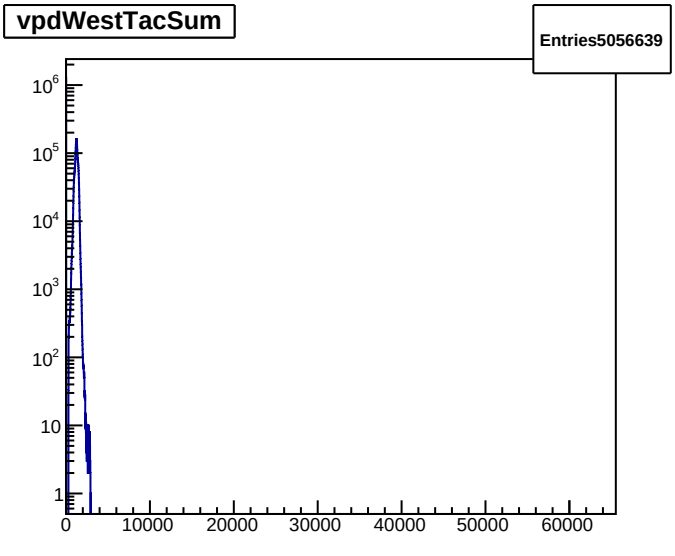

vpdEastTacSumVsSimu
Entries 3889819
Data
Simu

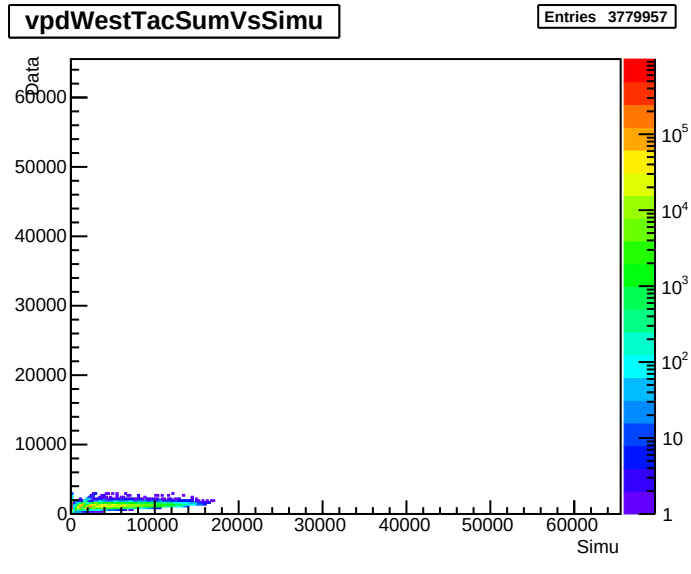

vpdWestAdcSum
Entries5056639

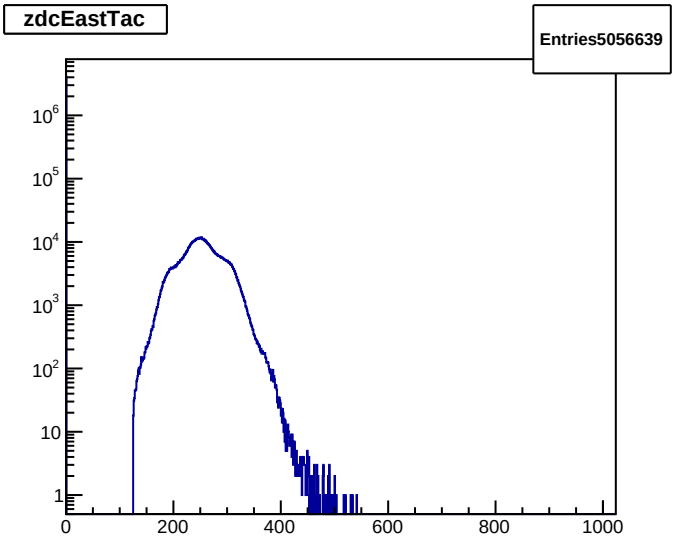

vpdWestAdcSumVsSimu
Entries 3080526
Data
Simu

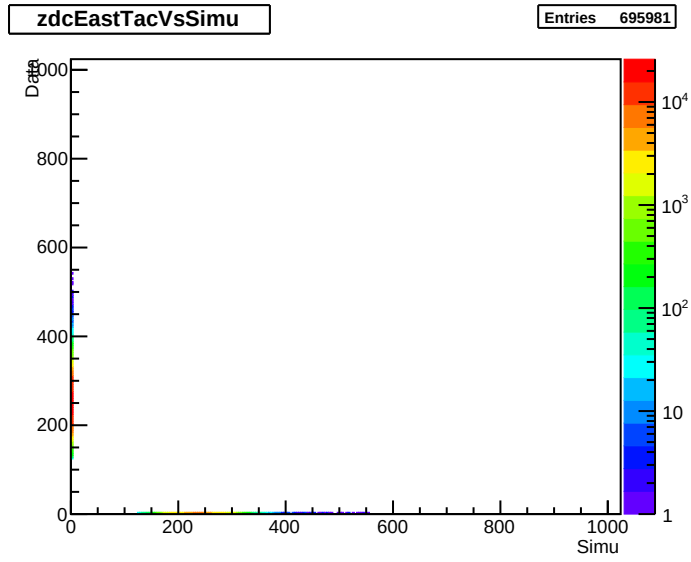

vpdWestNHits
Entries5056639

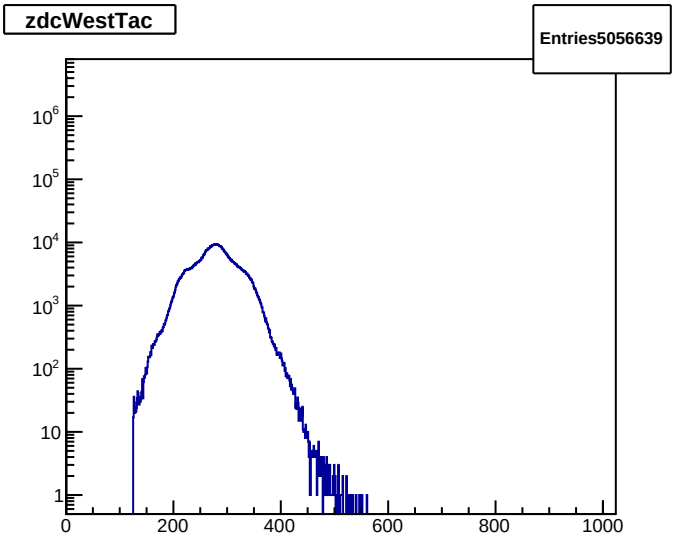

vpdWestNHitsVsSimu
Entries 1676467

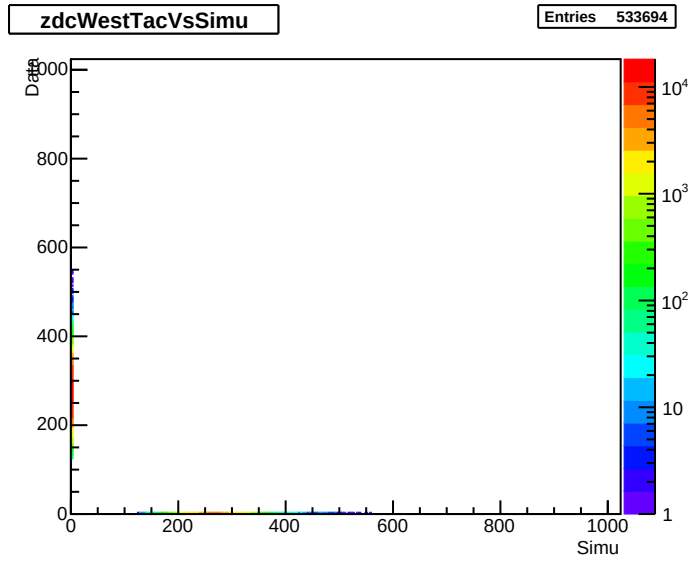

vpdWestTacSum
Entries5056639

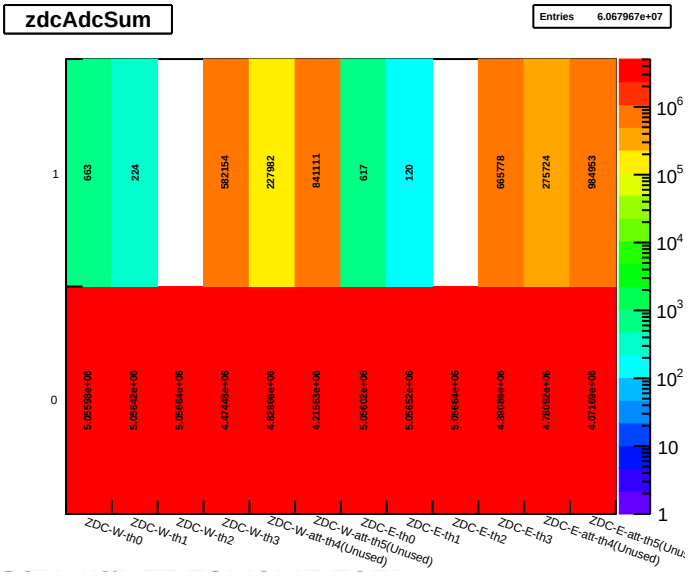

vpdWestTacSumVsSimu
Entries 3779957
Data
Simu

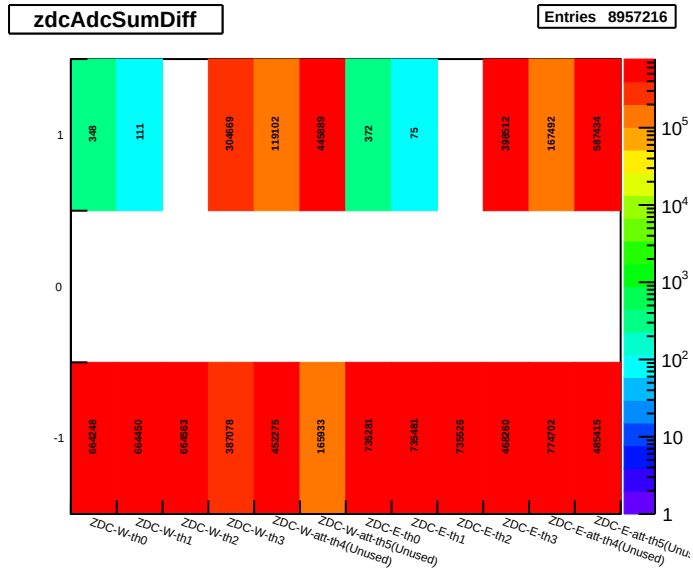

zdcEastTac
Entries5056639

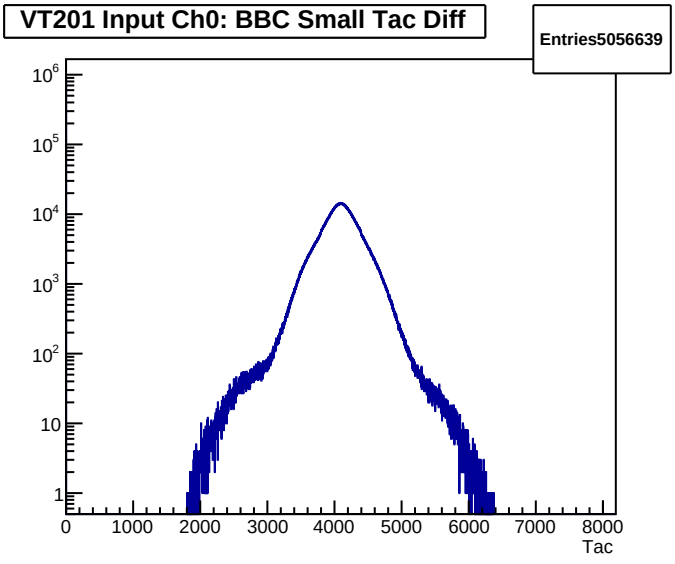

zdcEastTacVsSimu
Entries 695981
Data
Simu

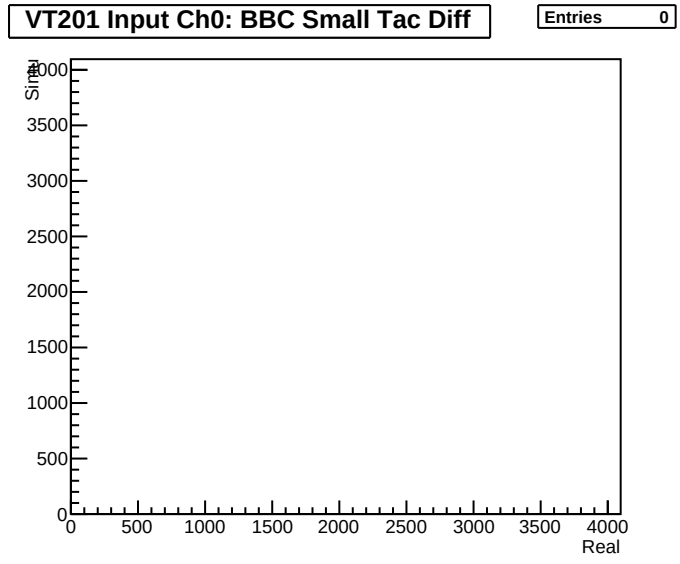

zdcWestTac
Entries5056639

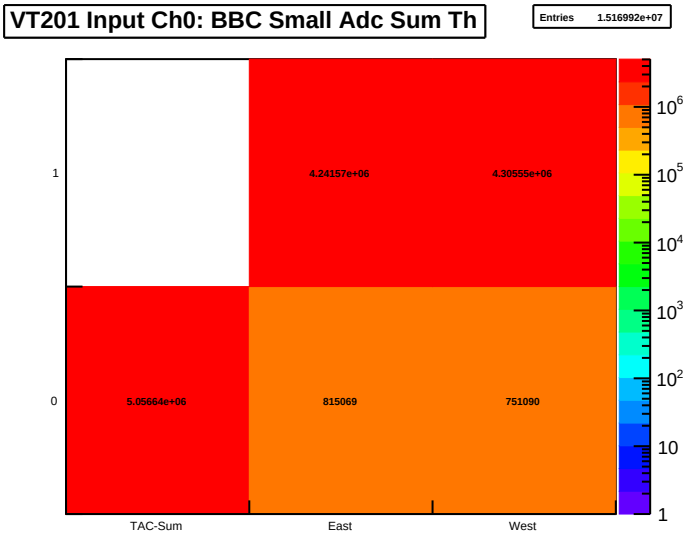

zdcWestTacVsSimu
Entries 533694
Data
Simu

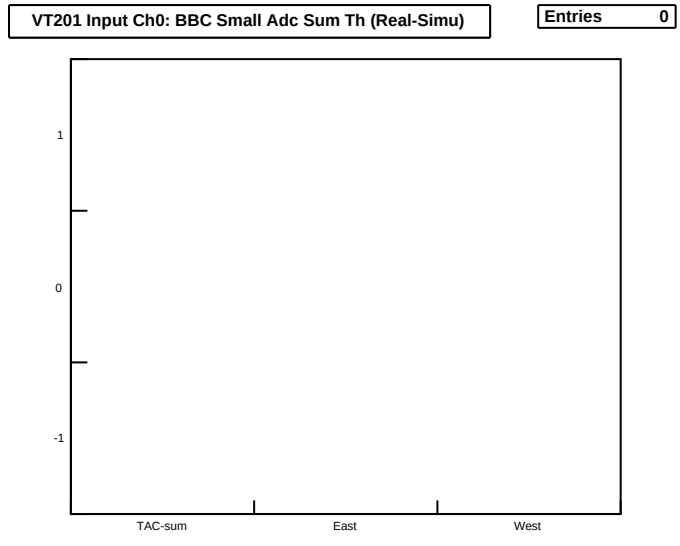

zdcAdcSum
Entries 6.067967e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

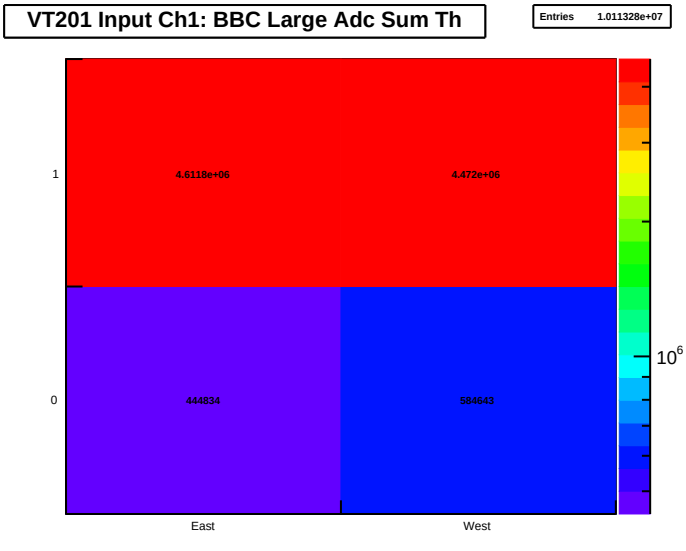

zdcAdcSumDiff
Entries 8957216
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

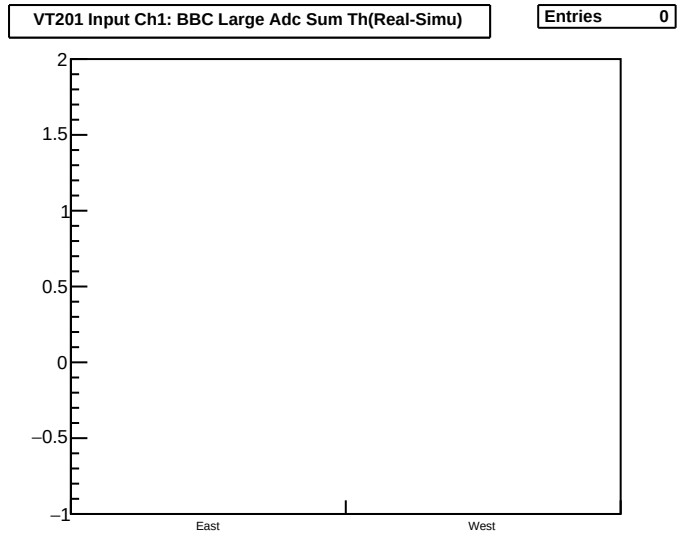

VT201 Input Ch0: BBC Small Tac Diff
Entries5056639
Tac


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

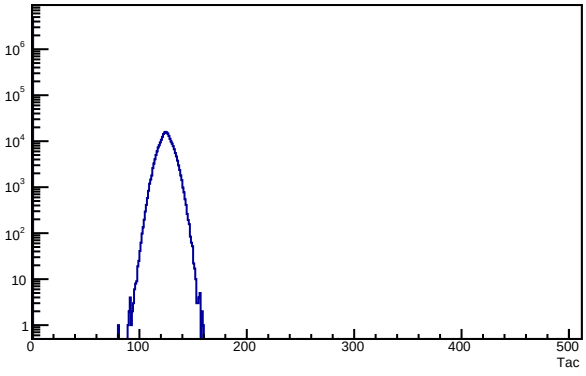

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.516992e+07
4.24157e+06
4.30555e+06
5.05664e+06
815069
751090
TAC-Sum
East
West


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

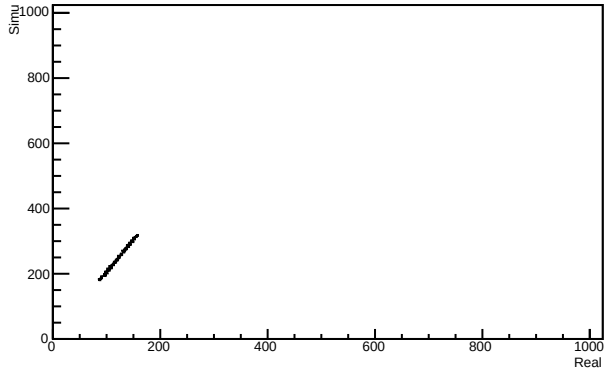

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.011328e+07
4.6118e+06
4.472e+06
444834
584643
East
West


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

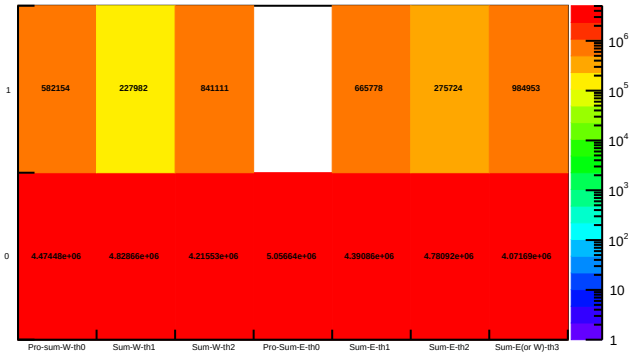
VT201 Input Ch2: ZDC Tac Diff



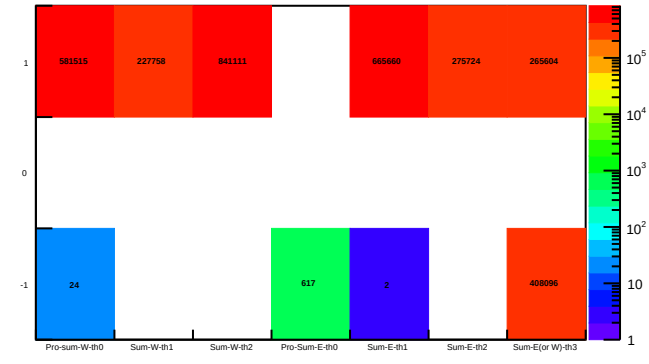
VT201 Input Ch2: ZDC Tac Diff



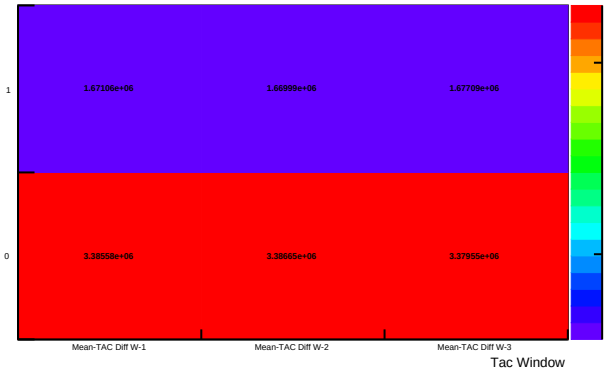
VT201 Input Ch2: ZDC Adc Sum Th



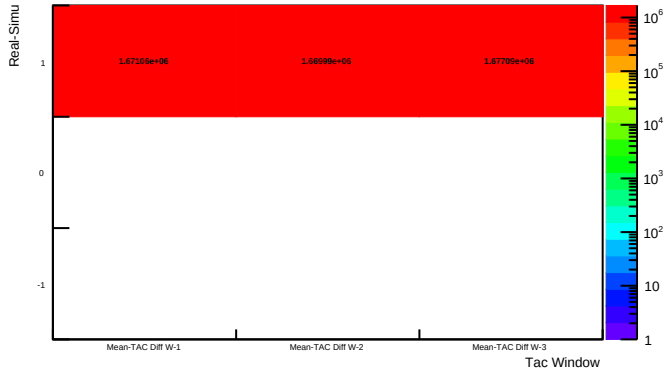
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



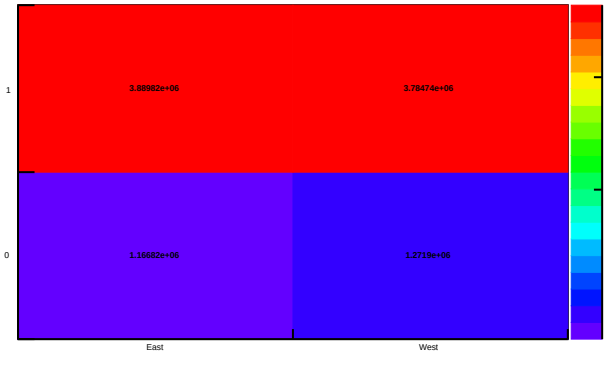
VT201 Input Ch4: VPD Tac Diff



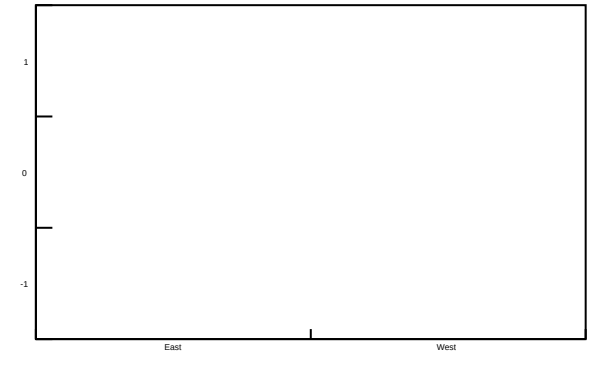
VT201 Input Ch4: VPD Tac Diff

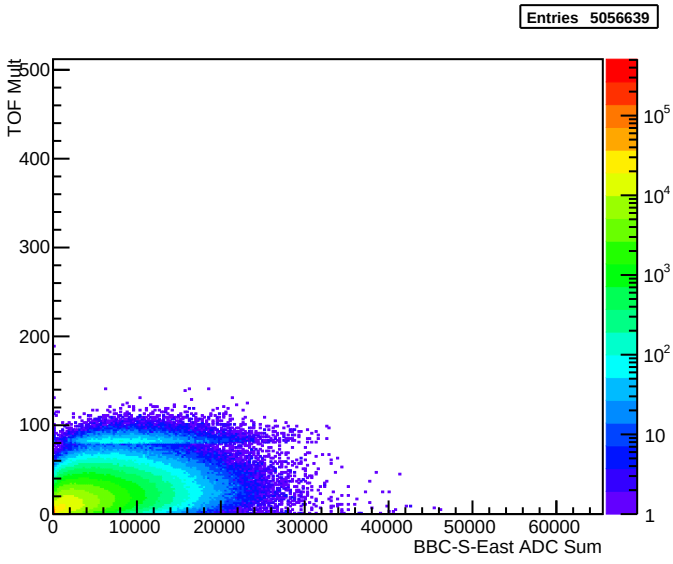


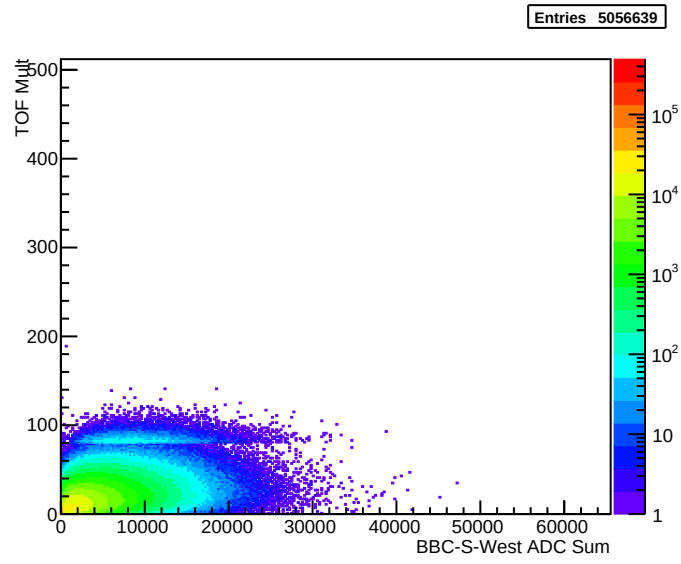
VT201 Input Ch4: VPD Adc Sum Th

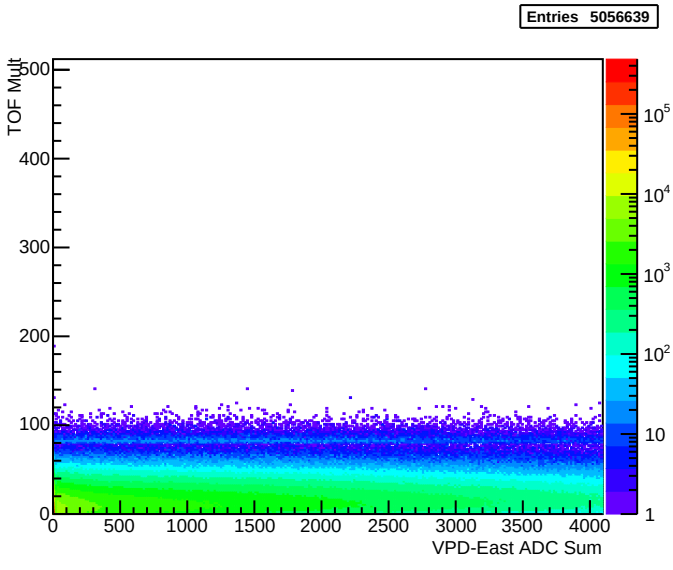


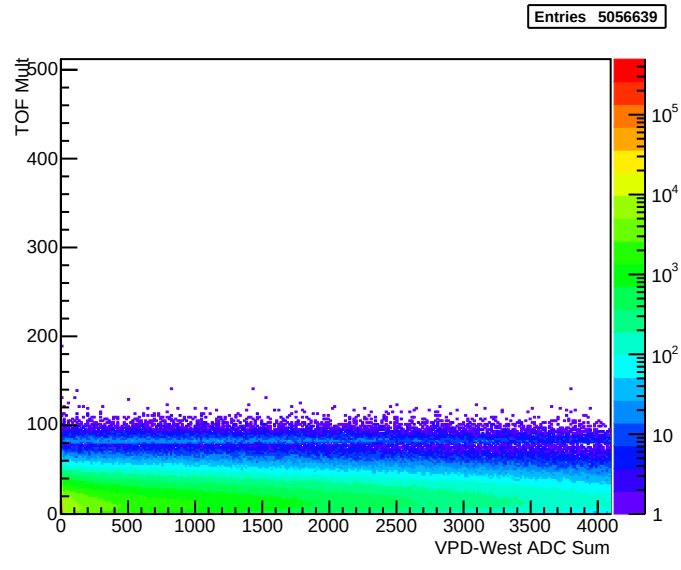
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

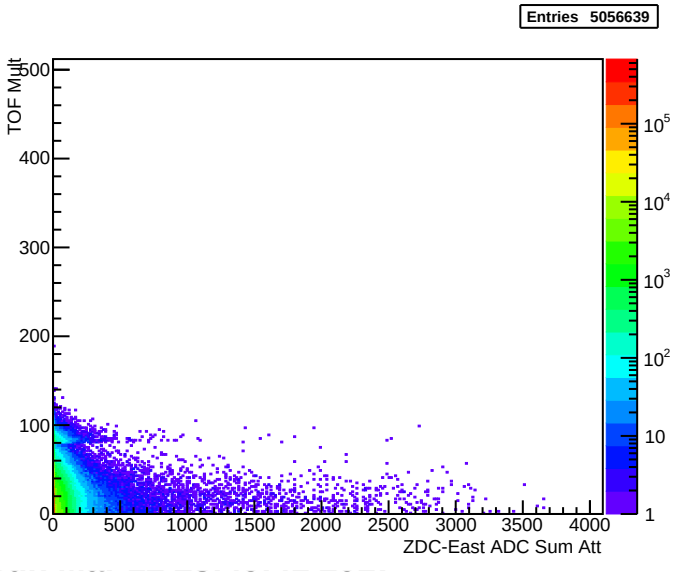


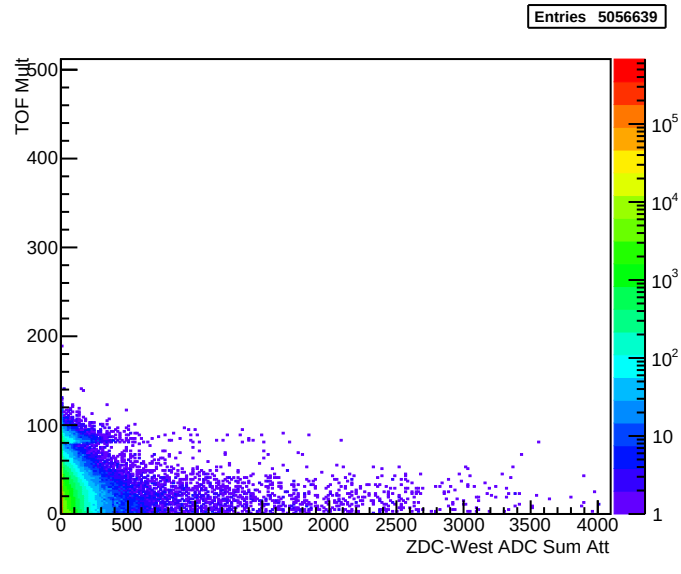

Entries 5056639
TOF Mult
BBC-S-East ADC Sum

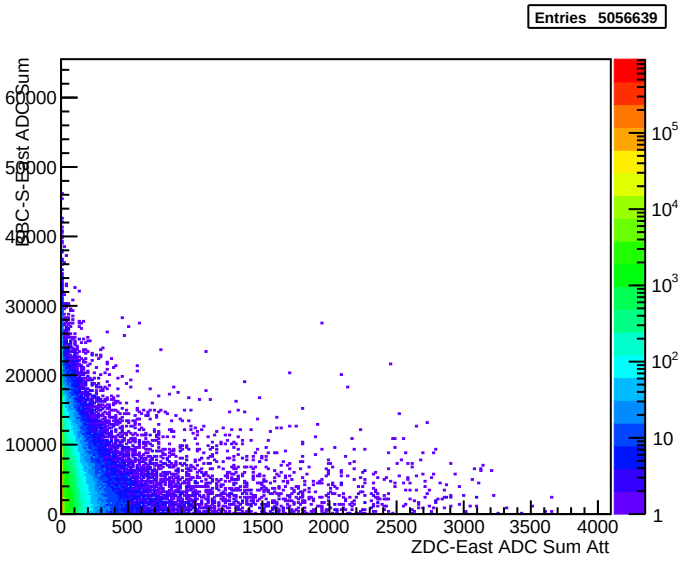

Entries 5056639
TOF Mult
BBC-S-West ADC Sum

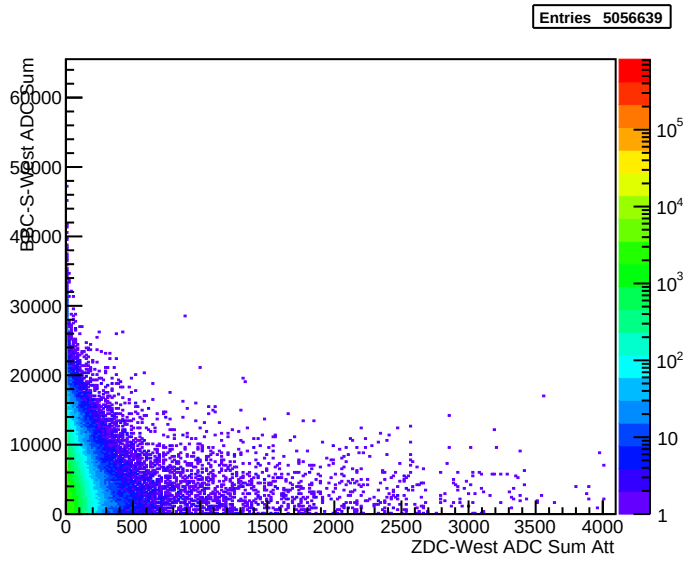

Entries 5056639
TOF Mult
VPD-East ADC Sum

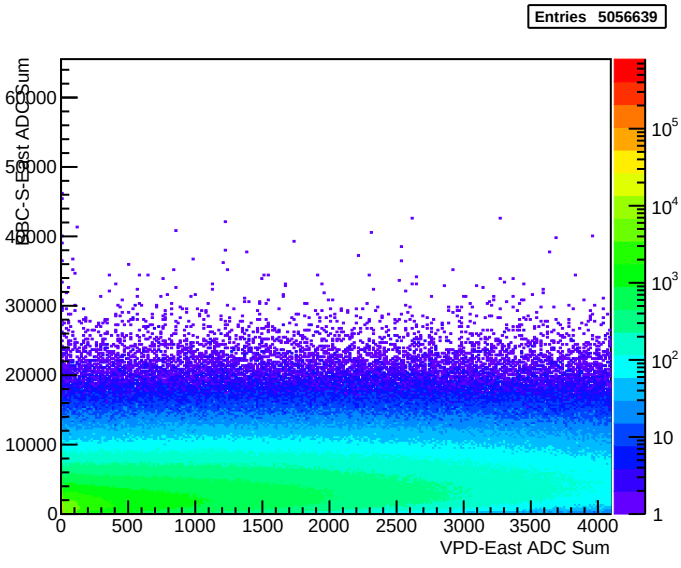

Entries 5056639
TOF Mult
VPD-West ADC Sum

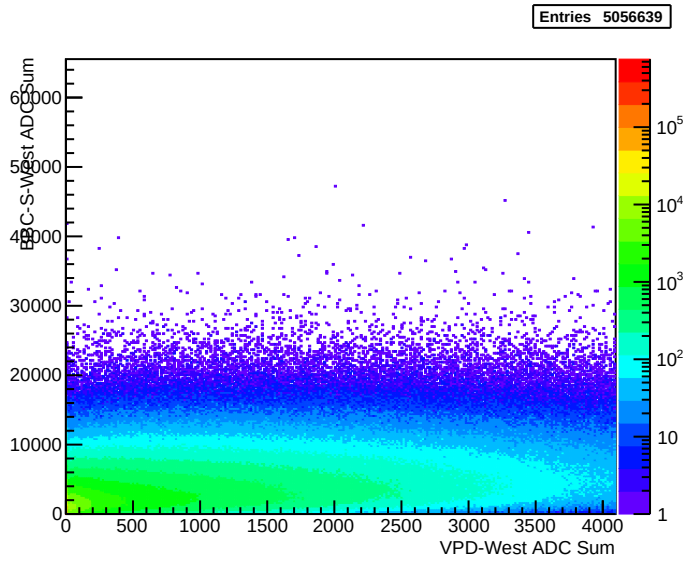

Entries 5056639
TOF Mult
ZDC-East ADC Sum Att

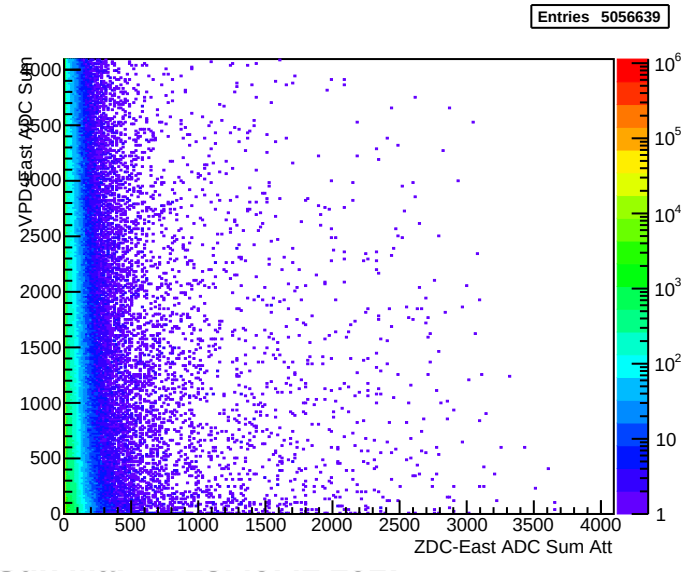

Entries 5056639
TOF Mult
ZDC-West ADC Sum Att

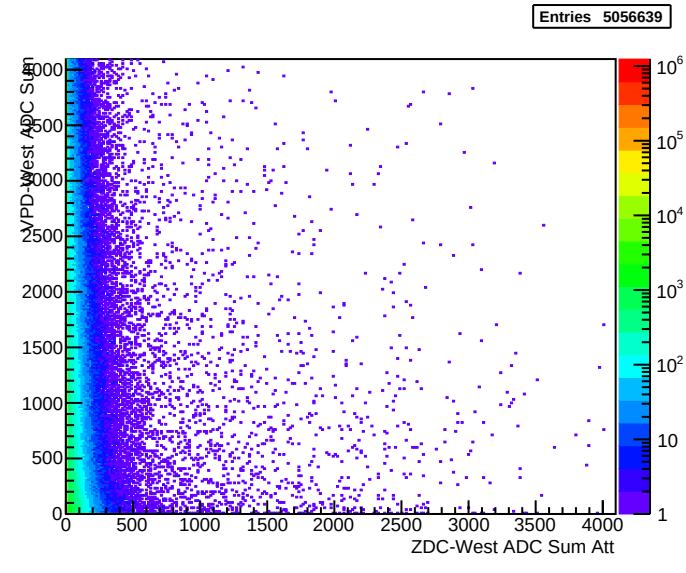

Entries 5056639
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

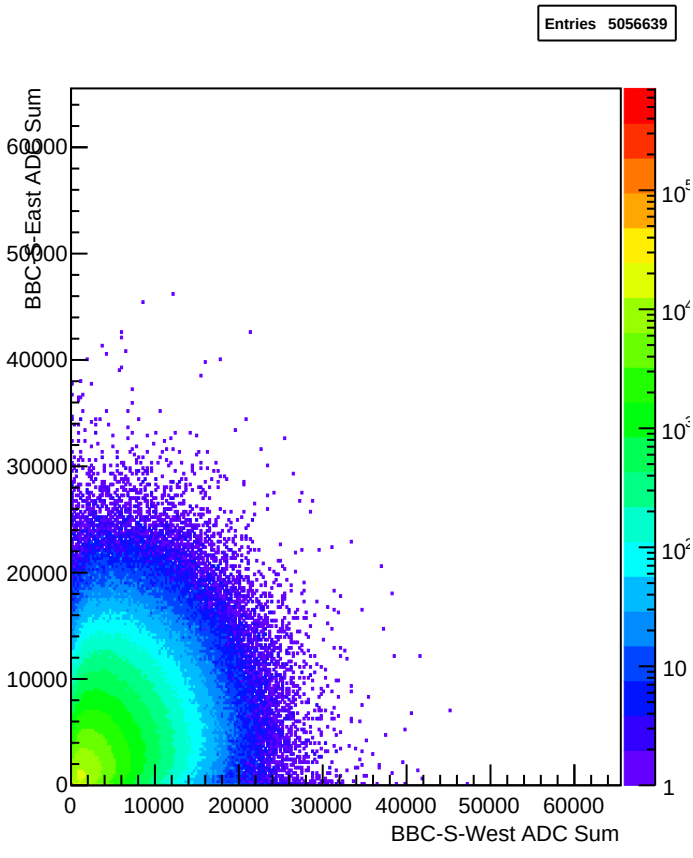

Entries 5056639
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

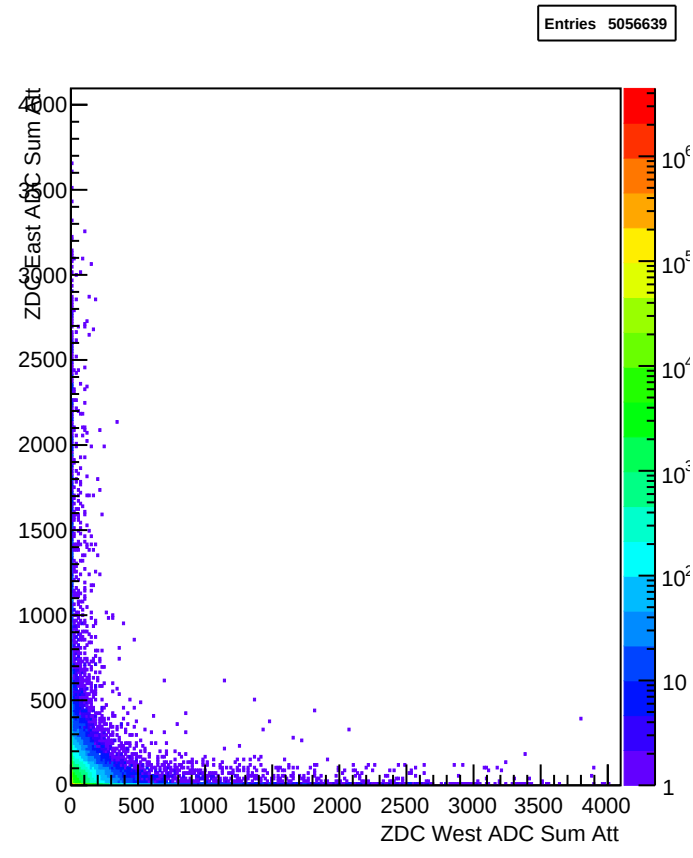

Entries 5056639
BBC-S-East ADC Sum
VPD-East ADC Sum

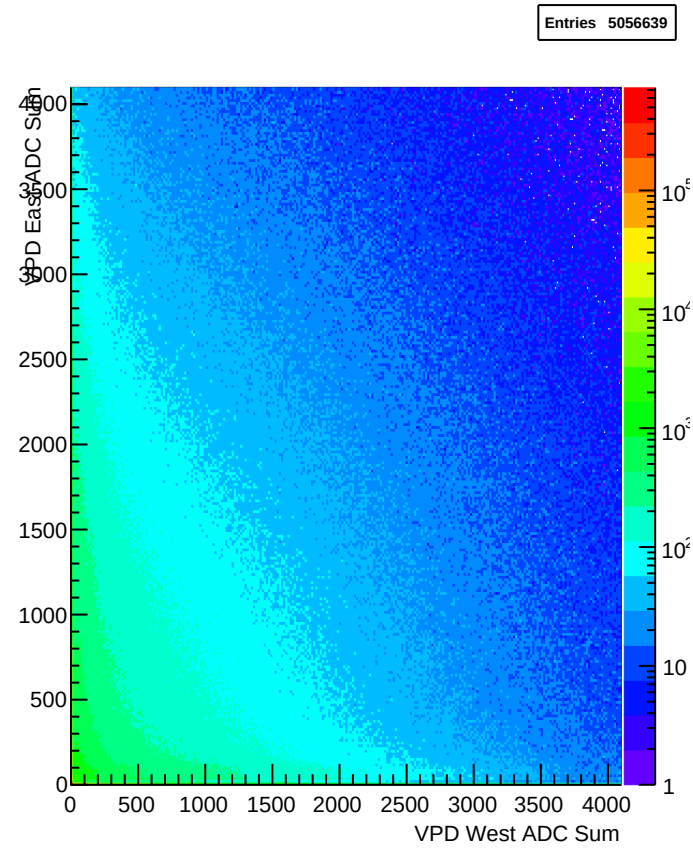

Entries 5056639
BBC-S-West ADC Sum
VPD-West ADC Sum

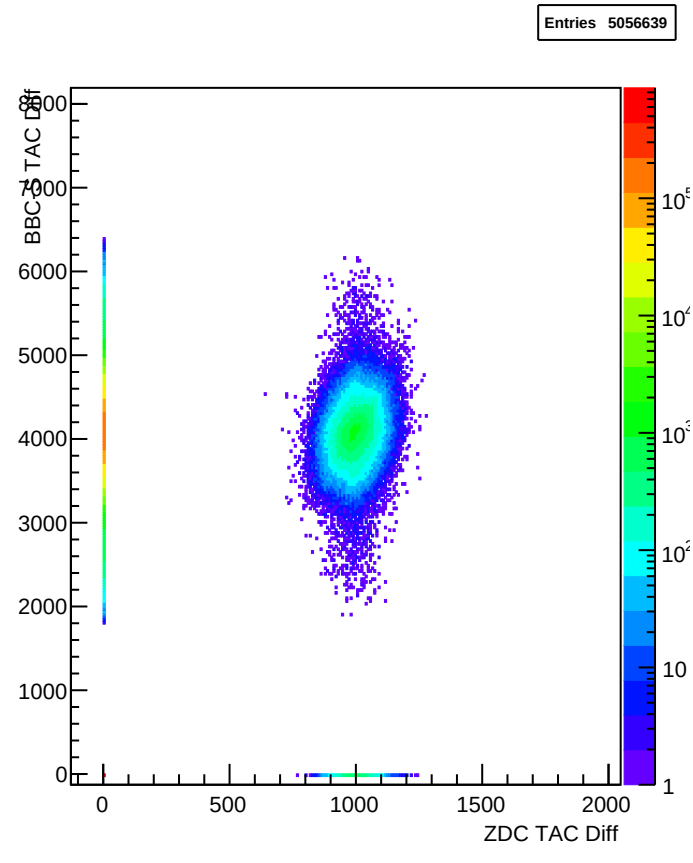

Entries 5056639
VPD-East ADC Sum
ZDC-East ADC Sum Att

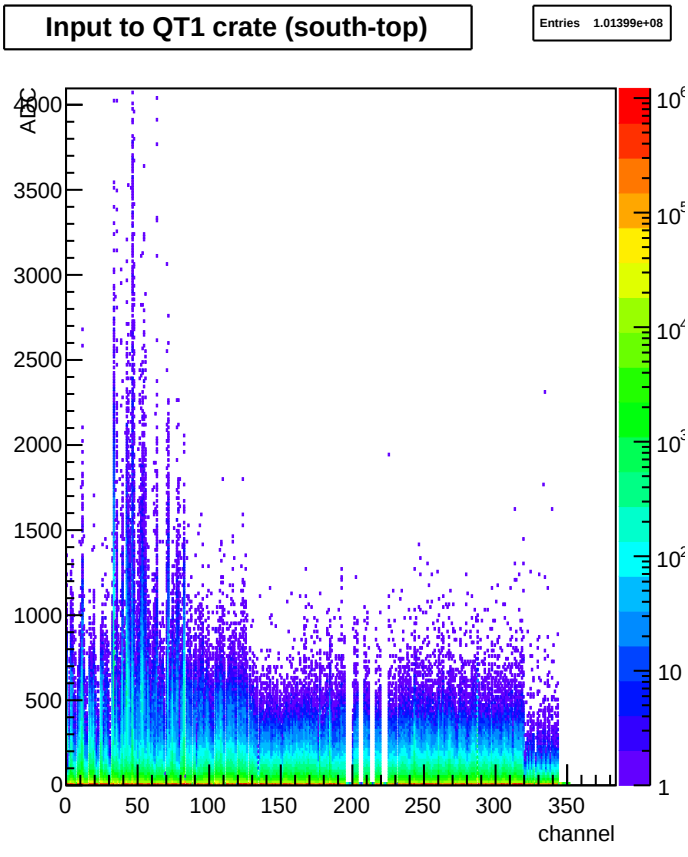

Entries 5056639
VPD-West ADC Sum
ZDC-West ADC Sum Att

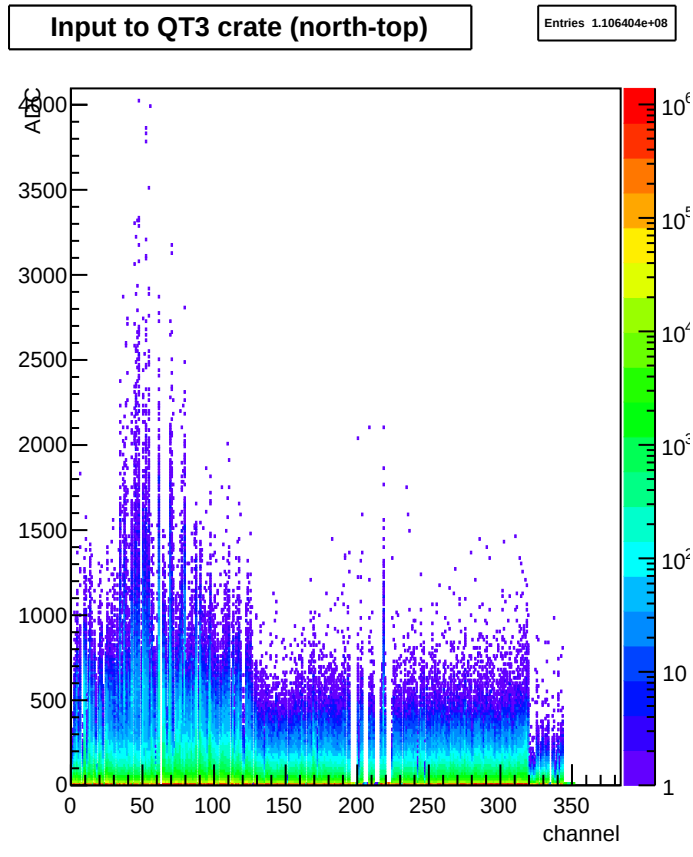

Entries 5056639
BBC-S-East ADC Sum
BBC-S-West ADC Sum

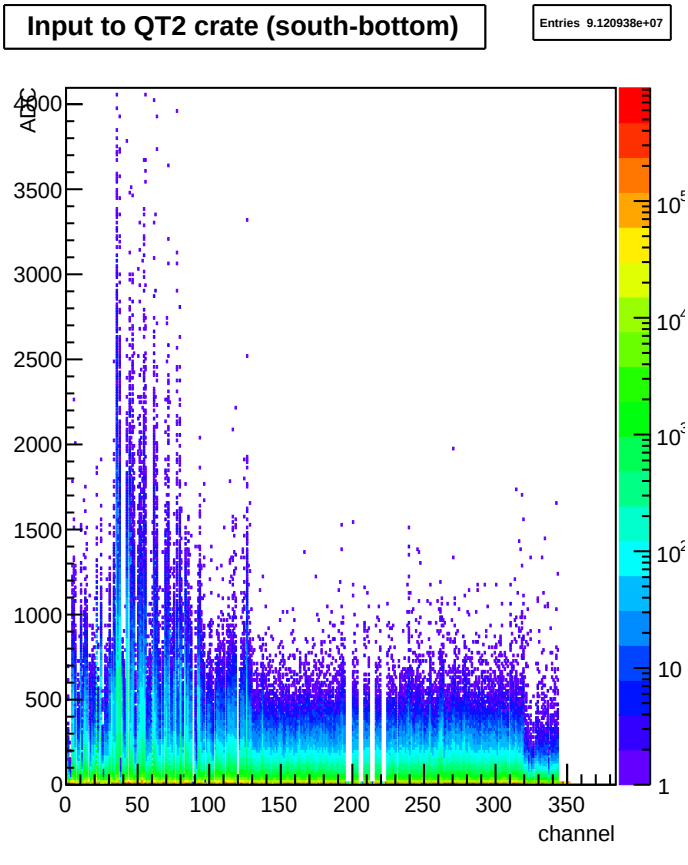

Entries 5056639
ZDC East ADC Sum Att
ZDC West ADC Sum Att

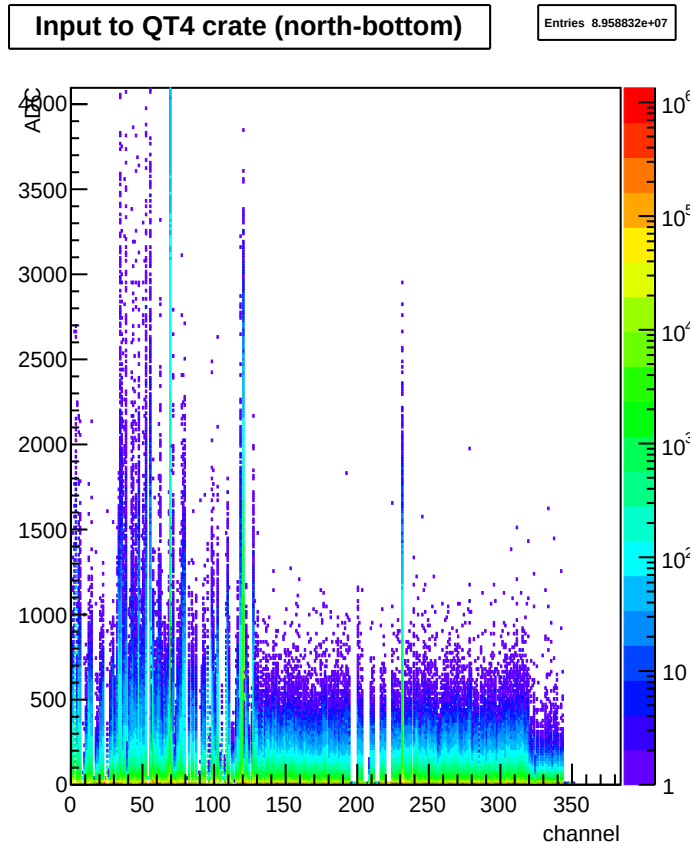

Entries 5056639
VPD East ADC Sum
VPD West ADC Sum

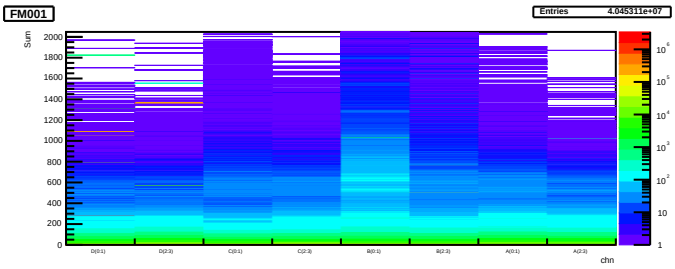

Entries 5056639
BBC-S TAC Diff
ZDC TAC Diff

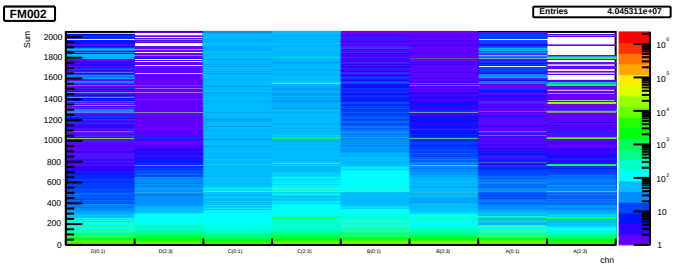

Input to QT1 crate (south-top)
Entries 1.01399e+08
ADC
channel

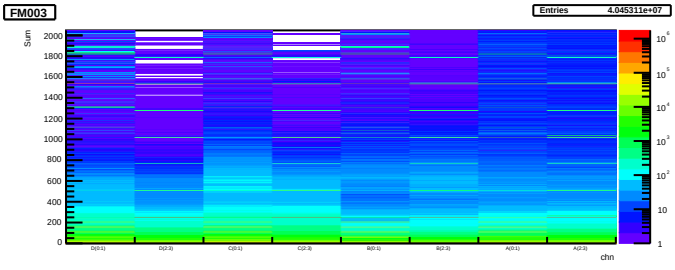

Input to QT3 crate (north-top)
Entries 1.106404e+08
ADC
channel

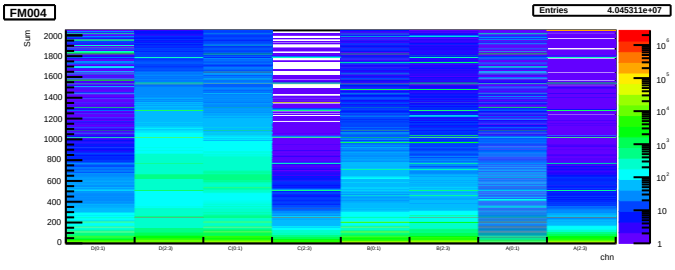

Input to QT2 crate (south-bottom)
Entries 9.120938e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 8.958832e+07
ADC
channel


FM001
Entries 4.045311e+07
Sum
chn


FM002
Entries 4.045311e+07
Sum
chn


FM003
Entries 4.045311e+07
Sum
chn


FM004
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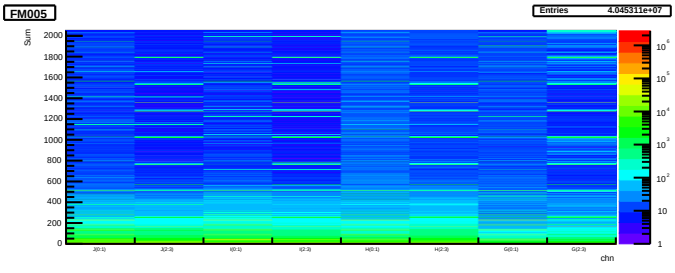
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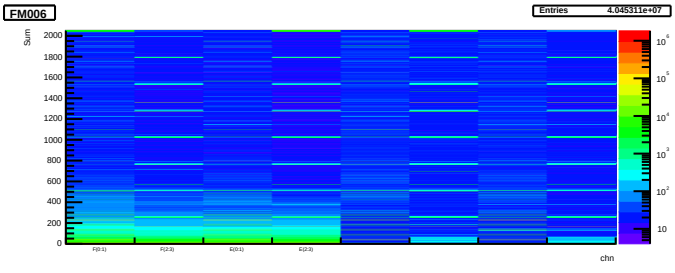
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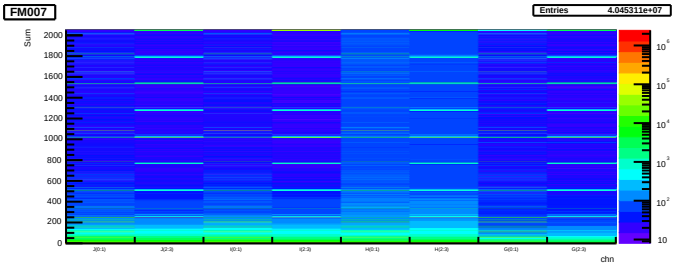
FM007
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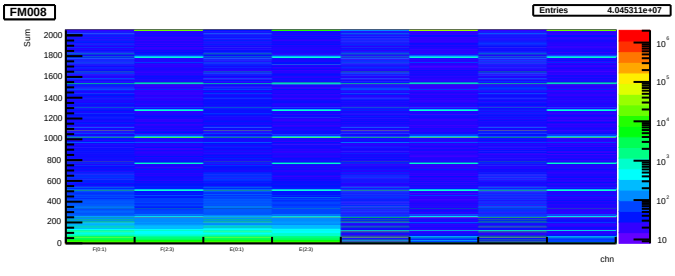
FM008
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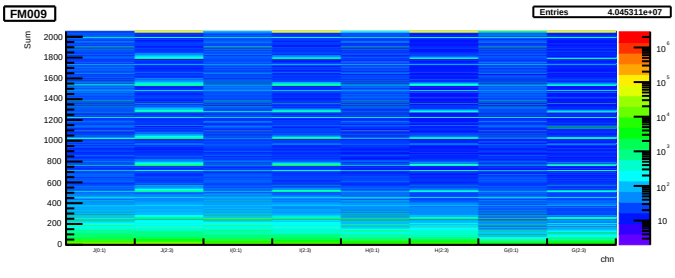
FM009
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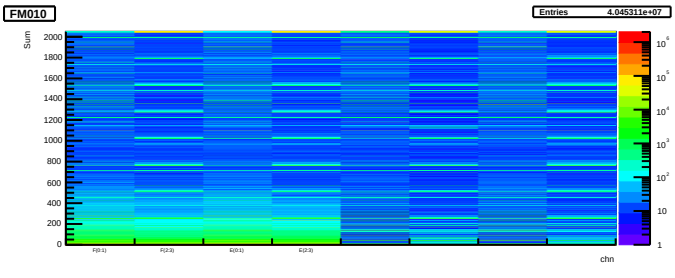
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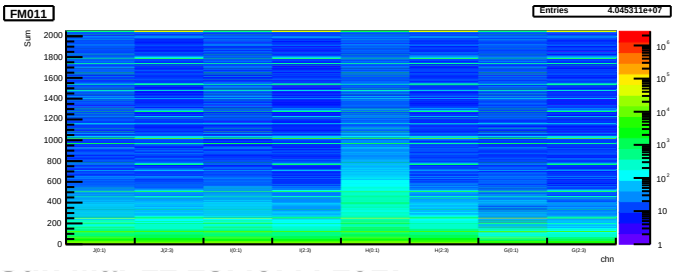
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Entries 4.045311e+07
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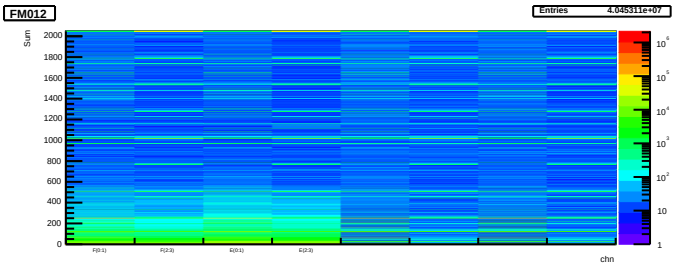
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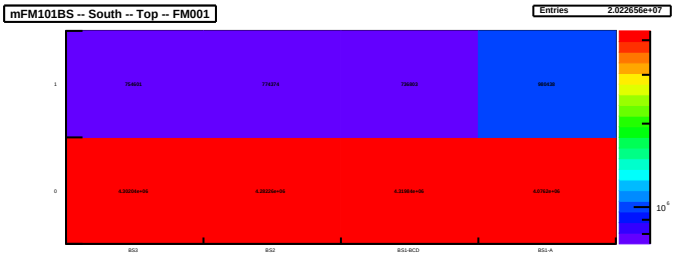
mFM101BS -- South -- Top -- FM001
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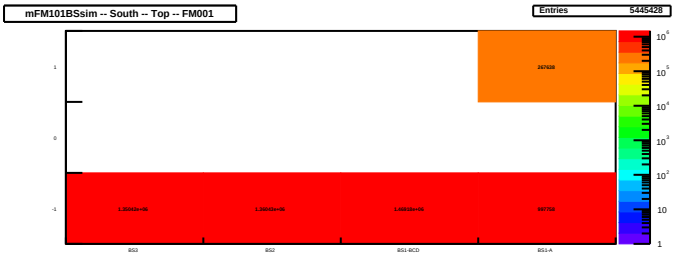
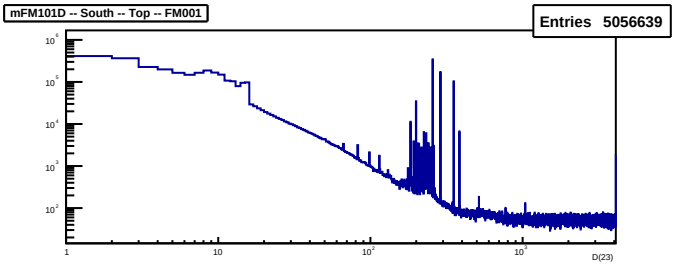

mFM101BSsim -- South -- Top -- FM001
Entries 5445428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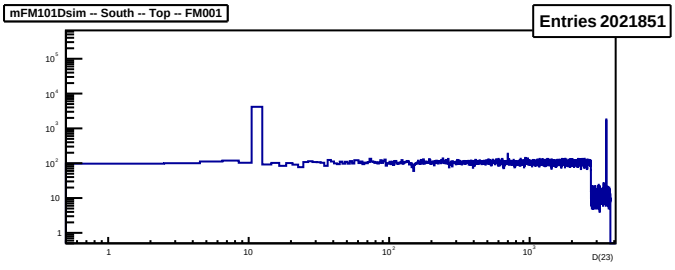
Entries 5056639
D(23)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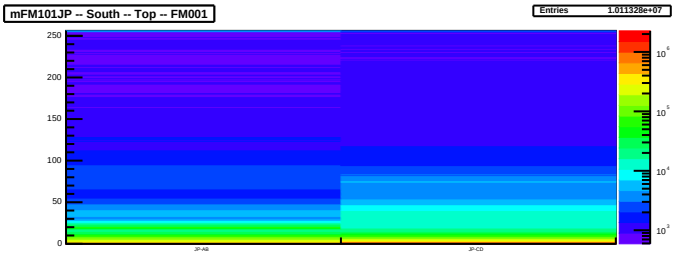
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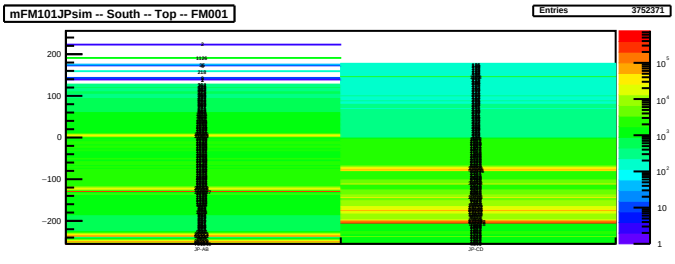
Entries 1.011328e+07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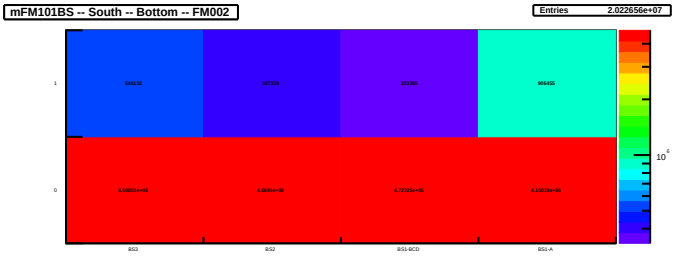
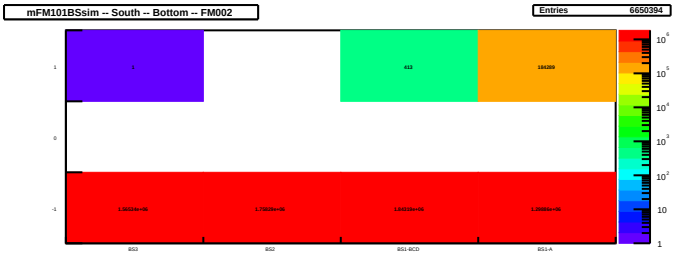

mFM101BS -- South -- Bottom -- FM002
Entries 2.022656e+07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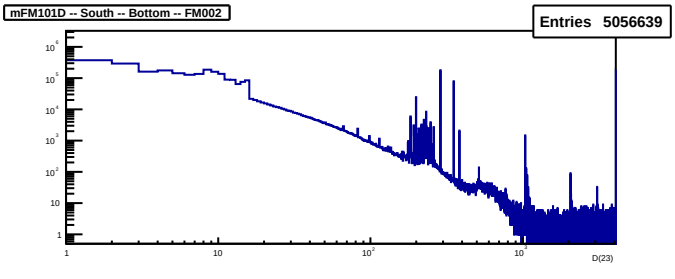
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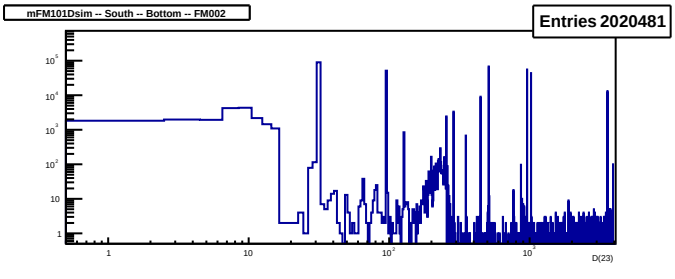
Entries 5056639
D(23)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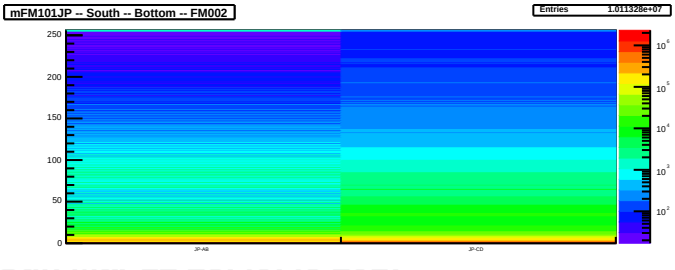
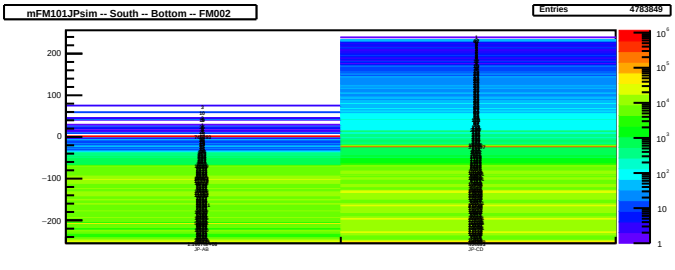

mFM101JP -- South -- Bottom -- FM002
Entries 1.011328e+07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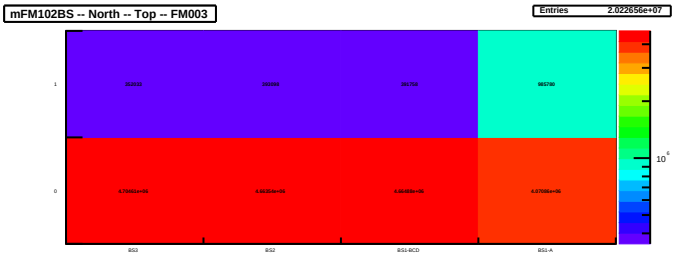
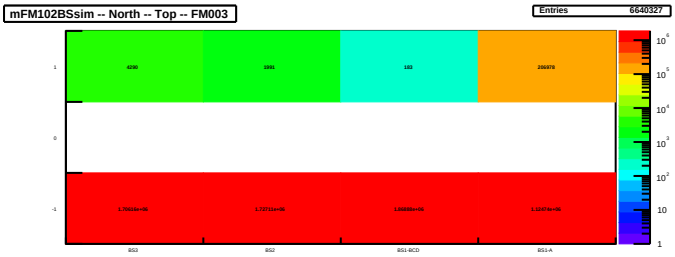

mFM102BS -- North -- Top -- FM003
Entries 2.022656e+07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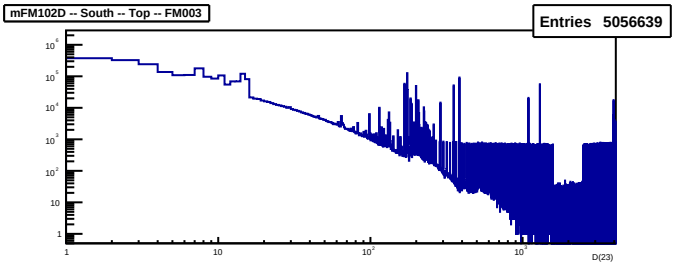
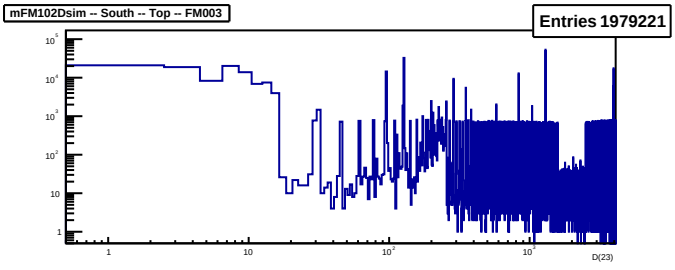

mFM102D -- South -- Top -- FM003
Entries 5056639
D(23)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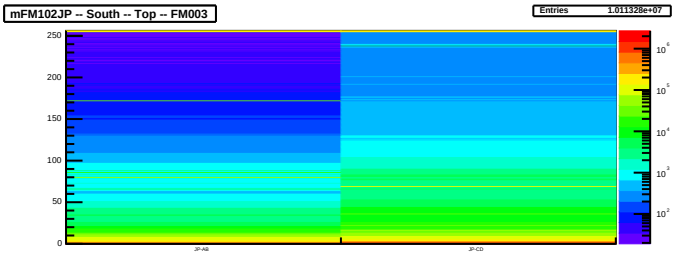
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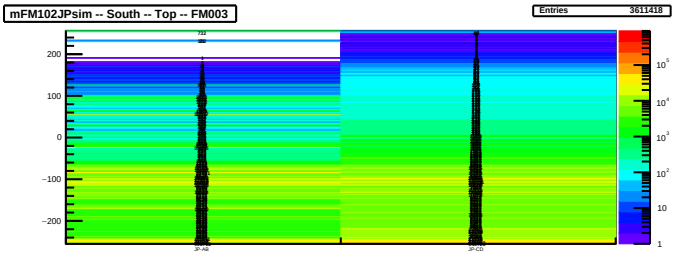
mFM102JPsim -- South -- Top -- FM003
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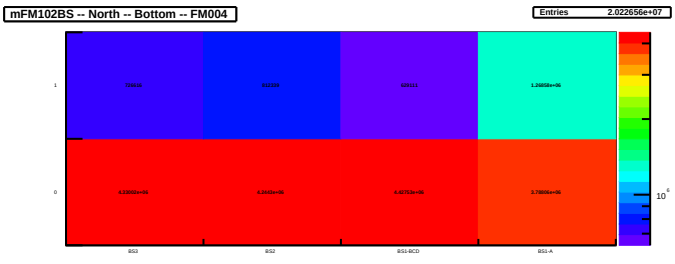
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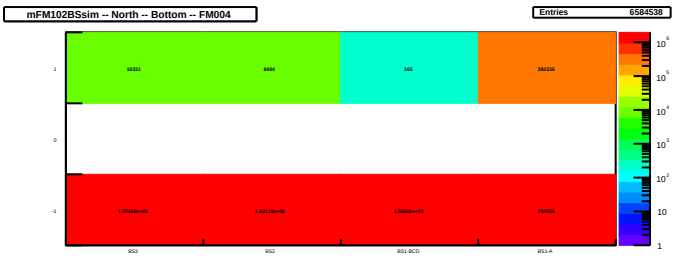
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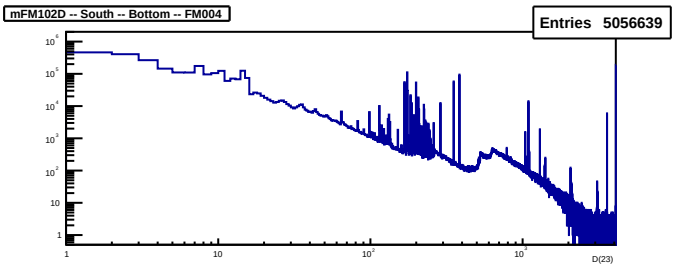
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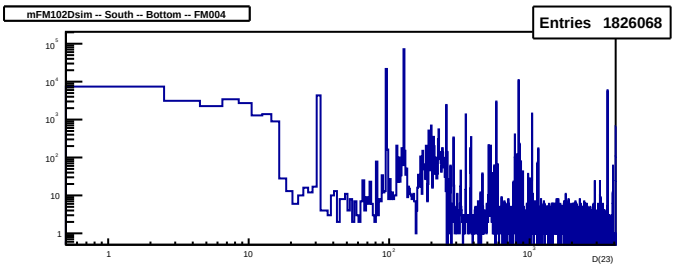
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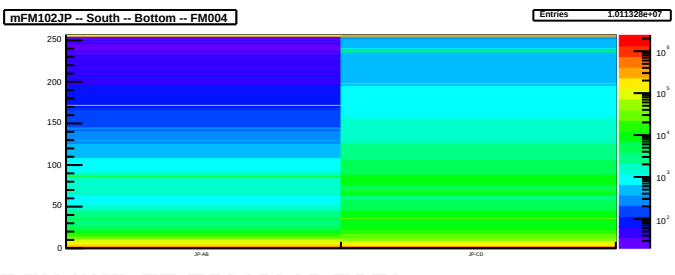
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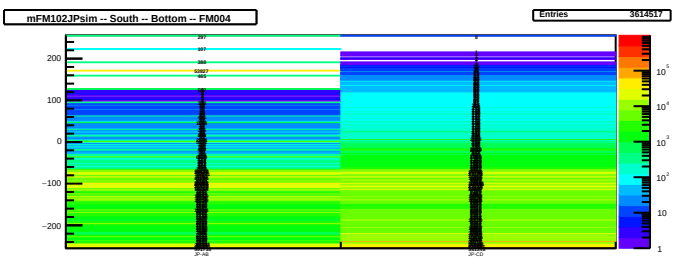
Entries 1.011328e+07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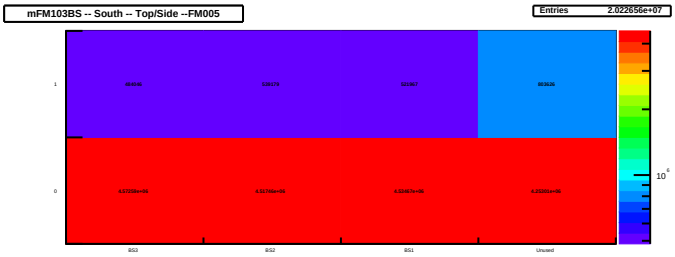
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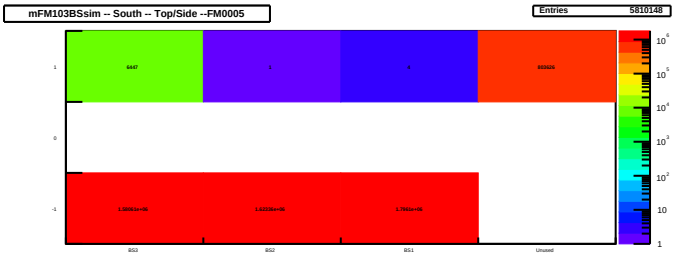
Entries 2.022656e+07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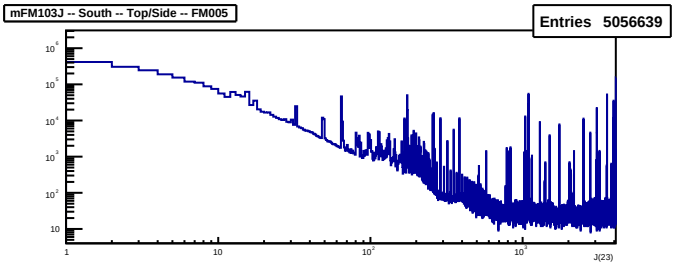
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Entries 5056639
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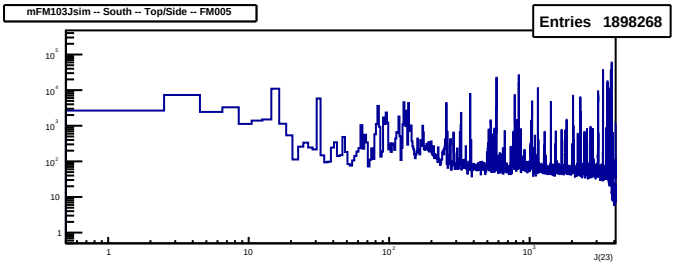
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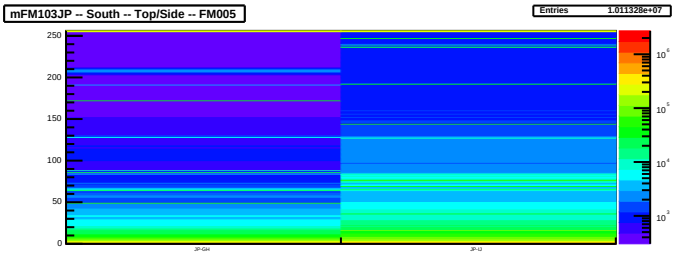
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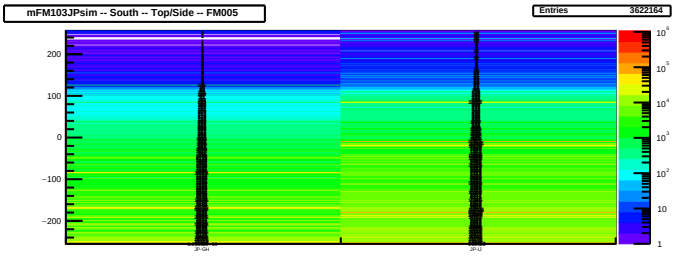
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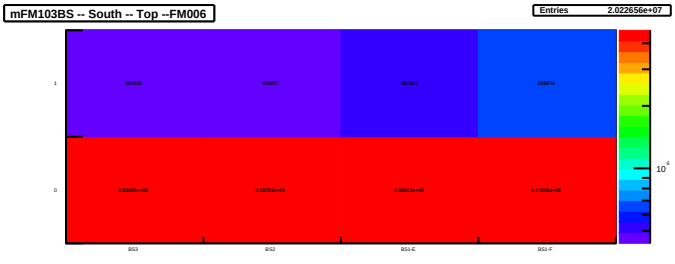
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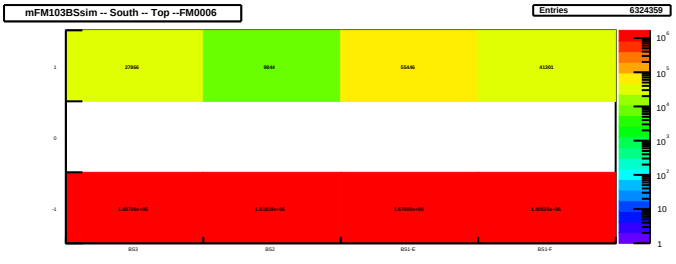
Entries 2.022656e+07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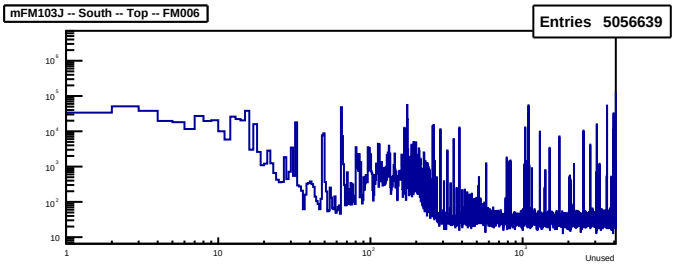
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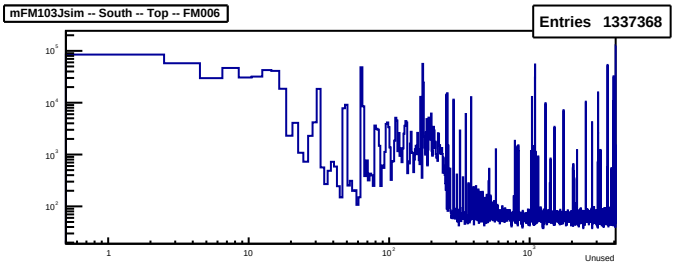
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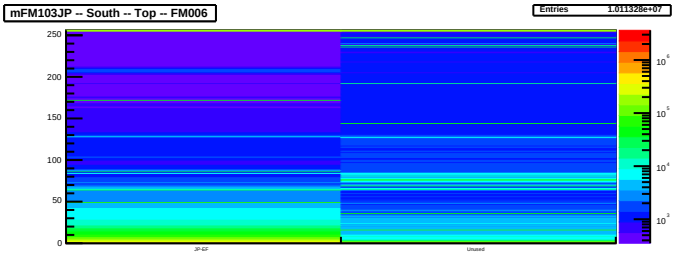
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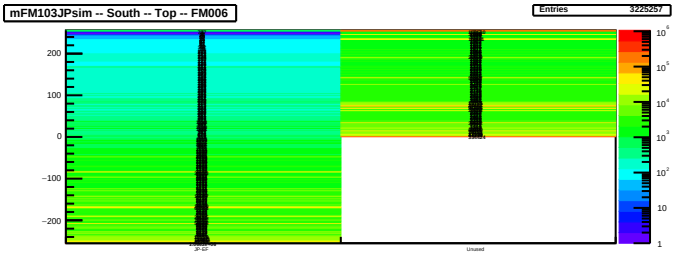
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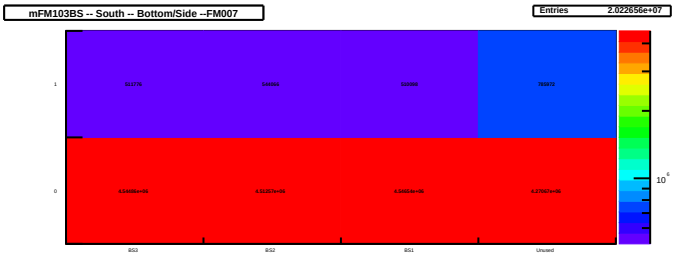
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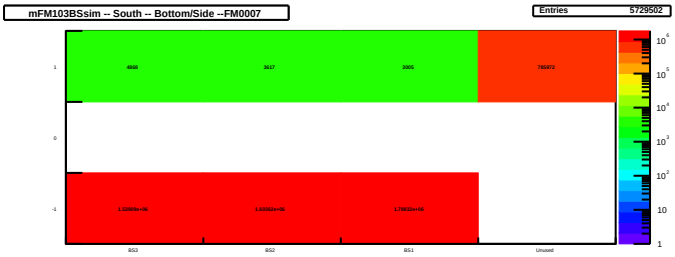
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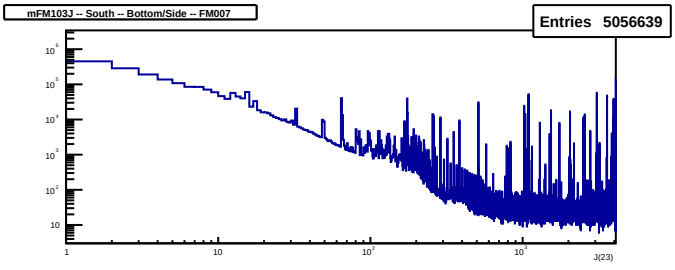
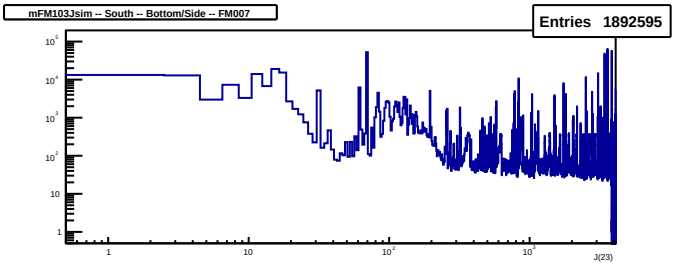

mFM103J -- South -- Bottom/Side -- FM007
Entries 5056639
J(23)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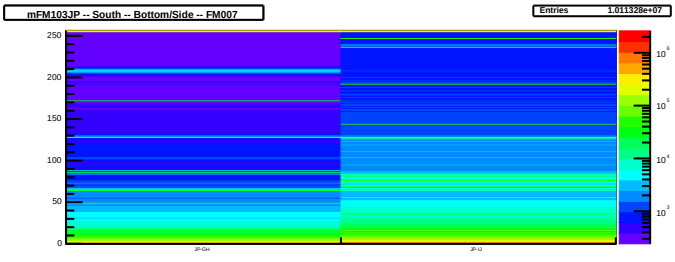
J(23)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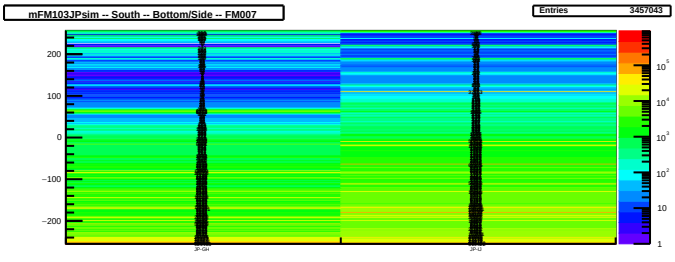
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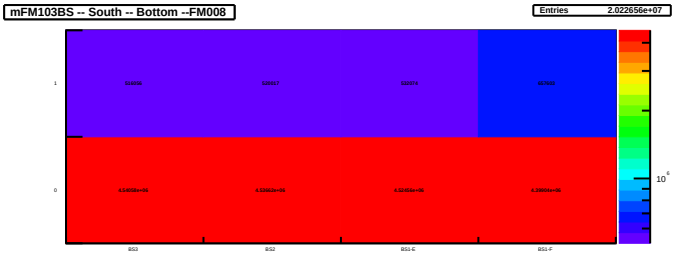
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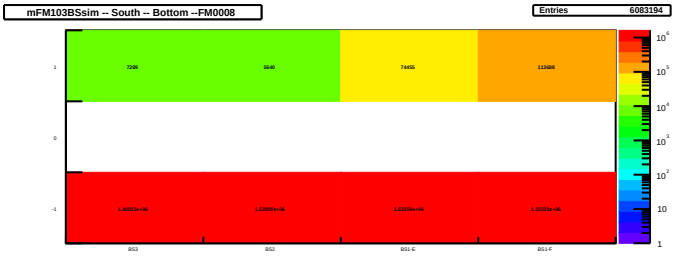
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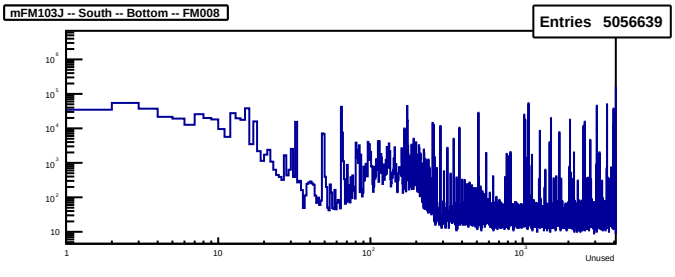
mFM103J -- South -- Bottom -- FM008
Entries 5056639
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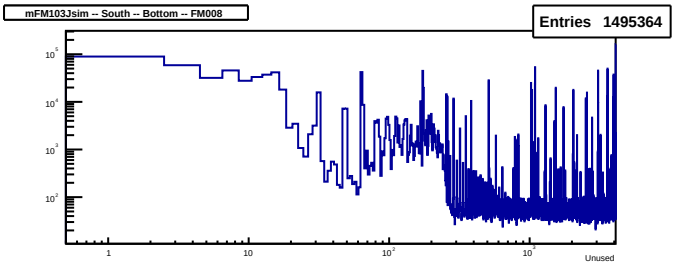
mFM103Jsim -- South -- Bottom -- FM008
Entries 1495364
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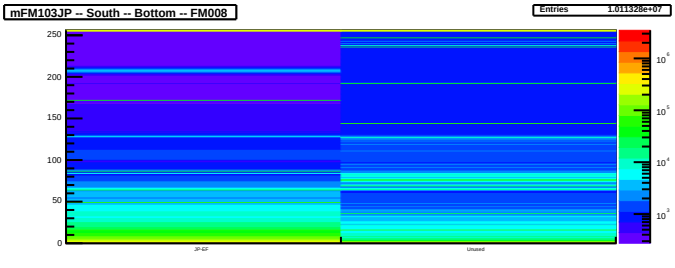
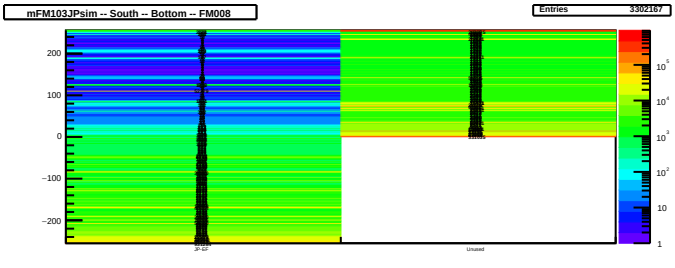
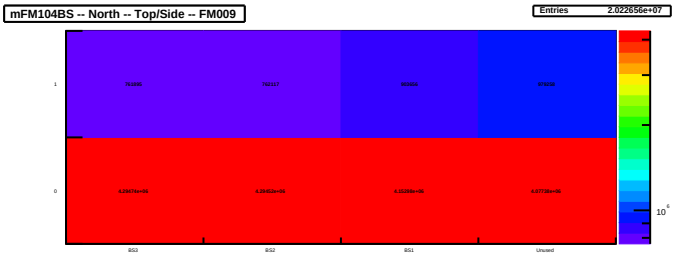
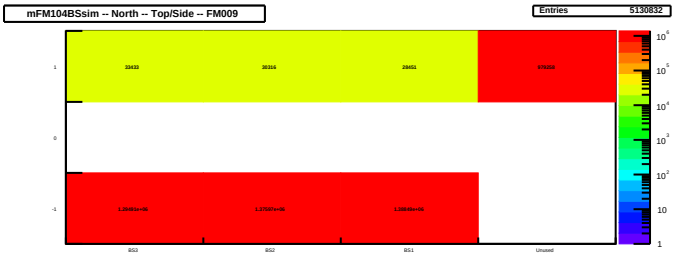
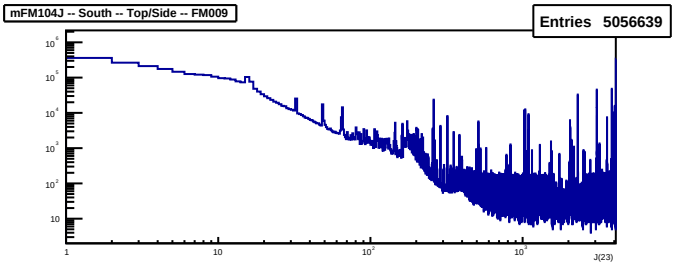
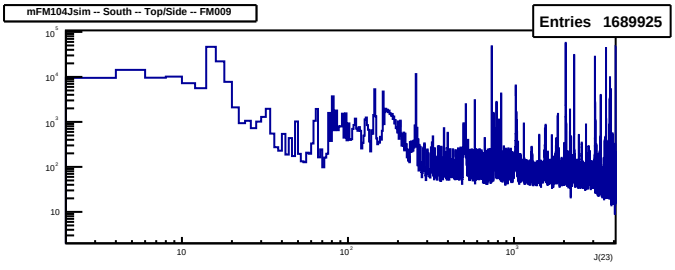

mFM103JP -- South -- Bottom -- FM008
Entries 1.011328e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3302167


mFM104BS -- North -- Top/Side -- FM009
Entries 2.022656e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5130832


mFM104J -- South -- Top/Side -- FM009
Entries 5056639
J(23)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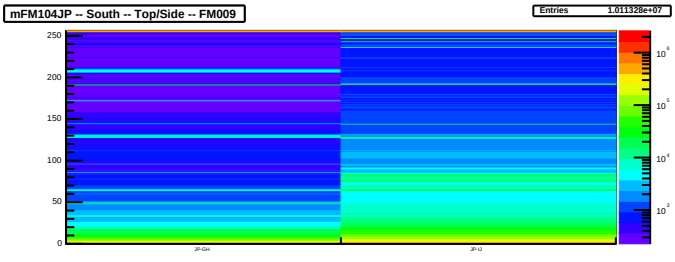
J(23)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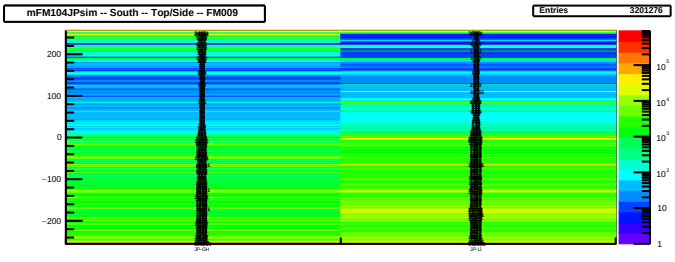
Entries 1.011328e+07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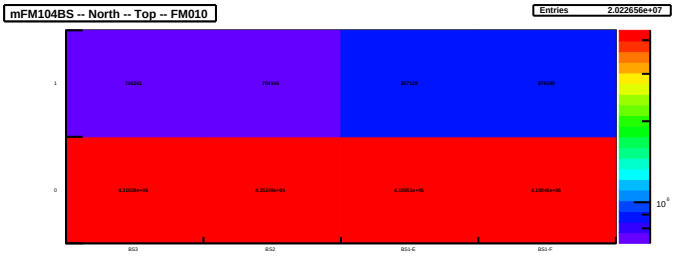
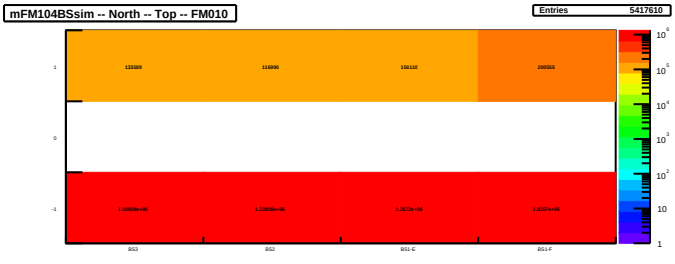
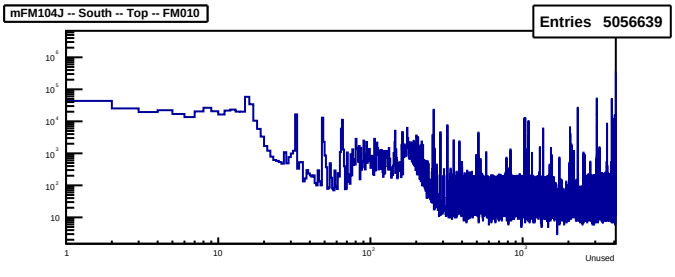
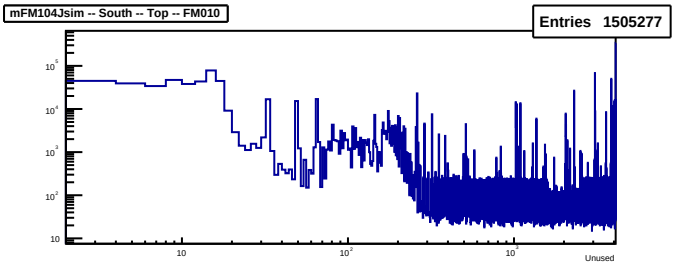
Entries 3201276


mFM104BS -- North -- Top -- FM010
Entries 2.022656e+07


mFM104BSsim -- North -- Top -- FM010
Entries 5417610


mFM104J -- South -- Top -- FM010
Entries 5056639
Unused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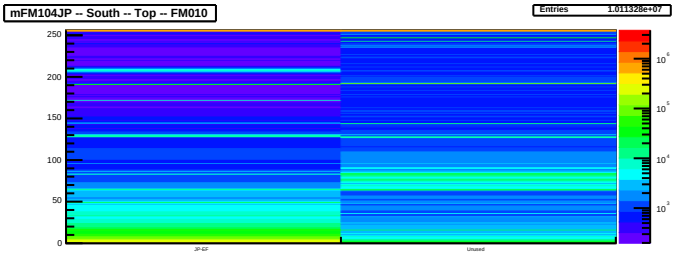
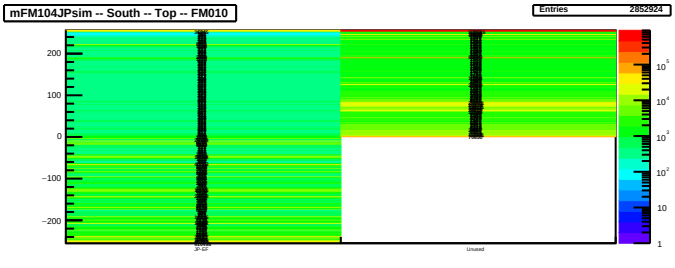
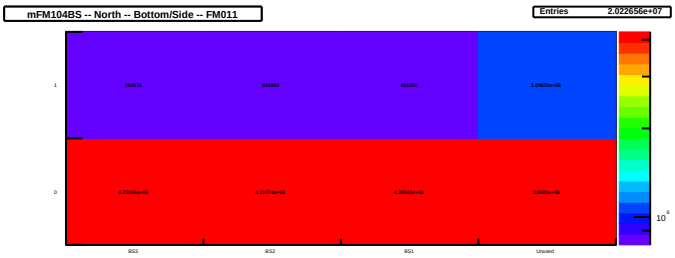
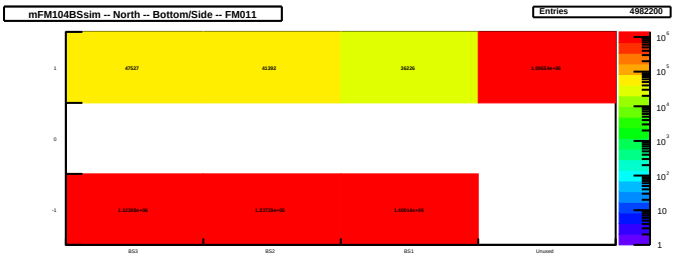
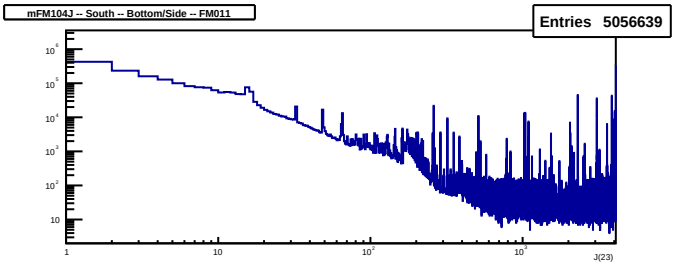
Entries 1505277
Unused

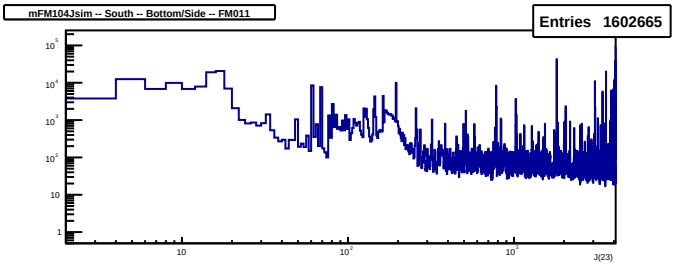

mFM104JP -- South -- Top -- FM010
Entries 1.011328e+07

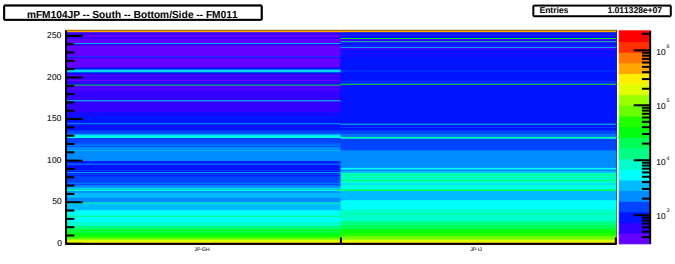

mFM104JPsim -- South -- Top -- FM010
Entries 2852924

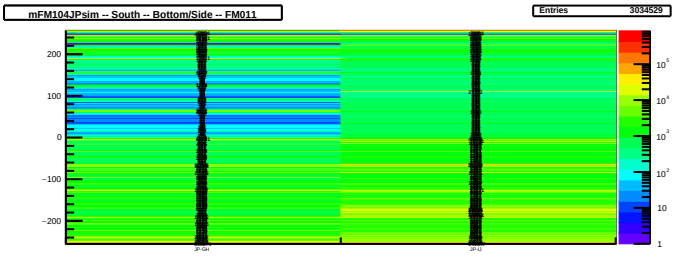

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.022656e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4982200


mFM104J -- South -- Bottom/Side -- FM011
Entries 5056639
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1602665
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.011328e+07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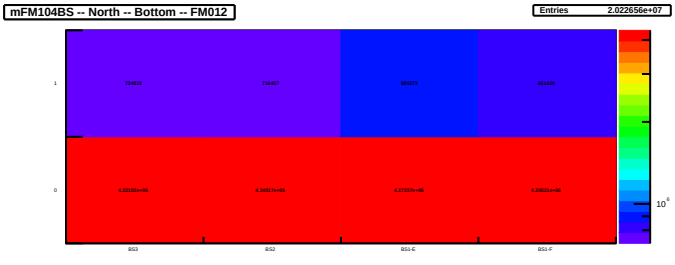
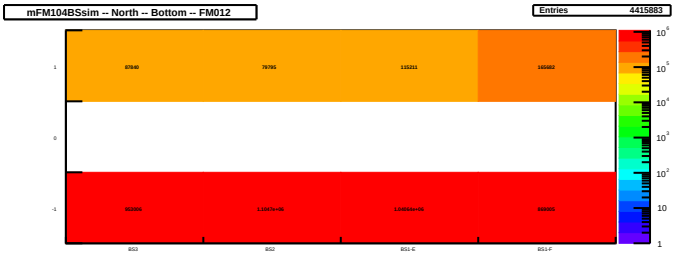
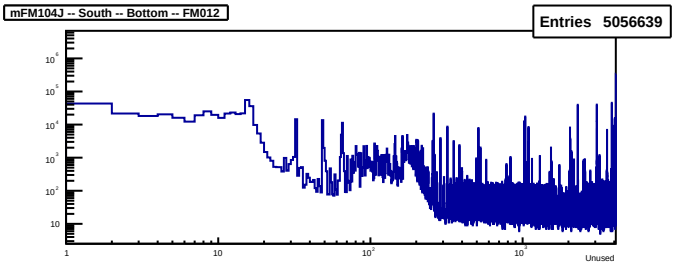
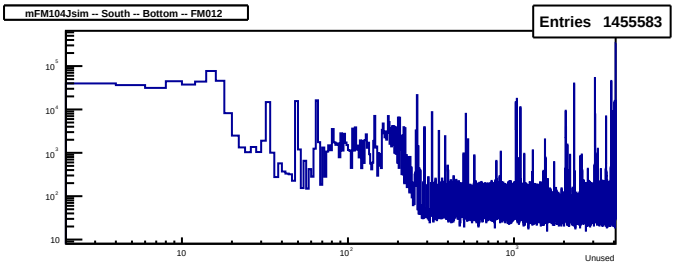
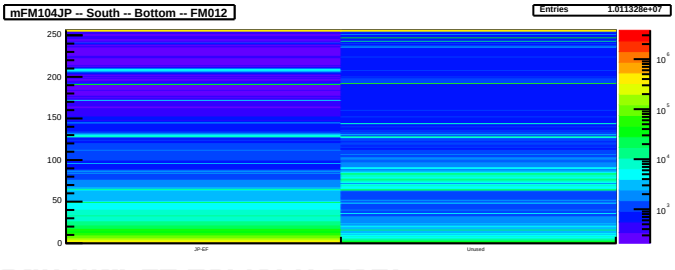
Entries 3034529

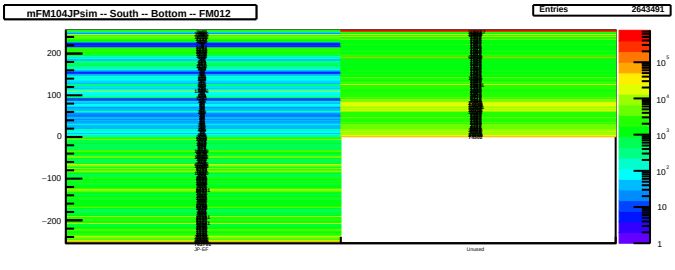

mFM104BS -- North -- Bottom -- FM012
Entries 2.022656e+07

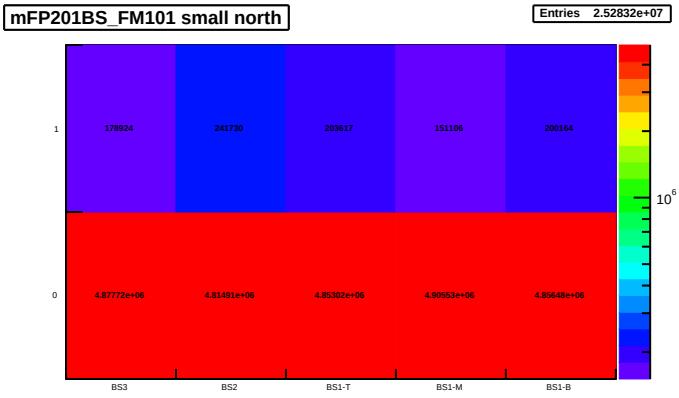

mFM104BSsim -- North -- Bottom -- FM012
Entries 4415883

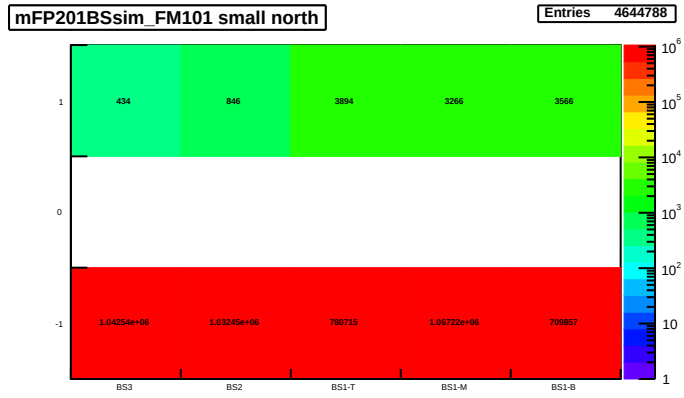

mFM104J -- South -- Bottom -- FM012
Entries 5056639
Unused

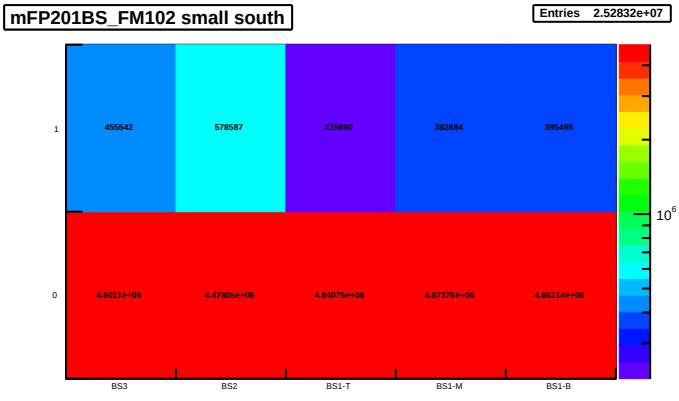

mFM104Jsim -- South -- Bottom -- FM012
Entries 1455583
Unused

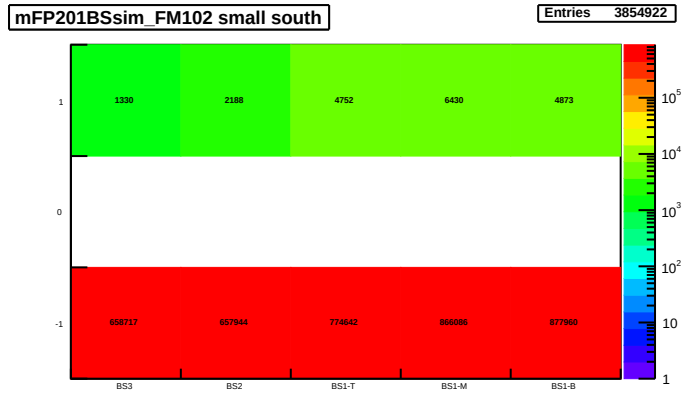

mFM104JP -- South -- Bottom -- FM012
Entries 1.011328e+07

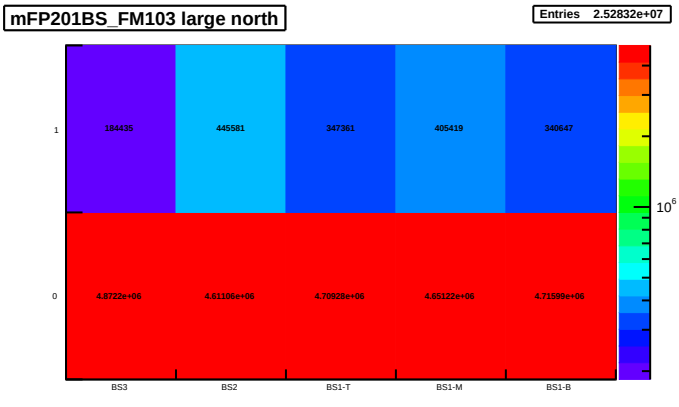

mFM104JPsim -- South -- Bottom -- FM012
Entries 2643491

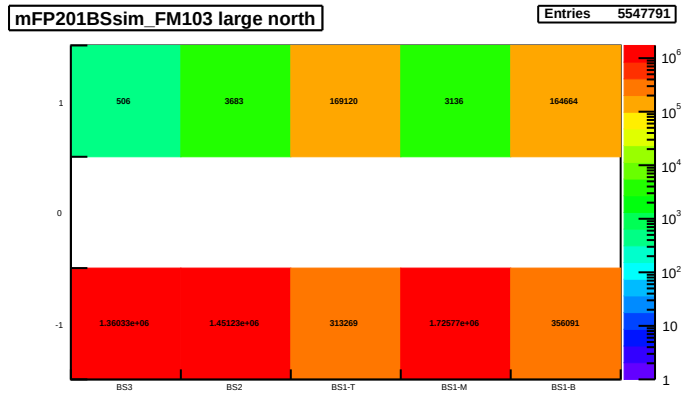

mFP201BS_FM101 small north
Entries 2.52832e+07
1
0
178924
241730
203617
151106
200164
4.87772e+06
4.81491e+06
4.85302e+06
4.90553e+06
4.85648e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

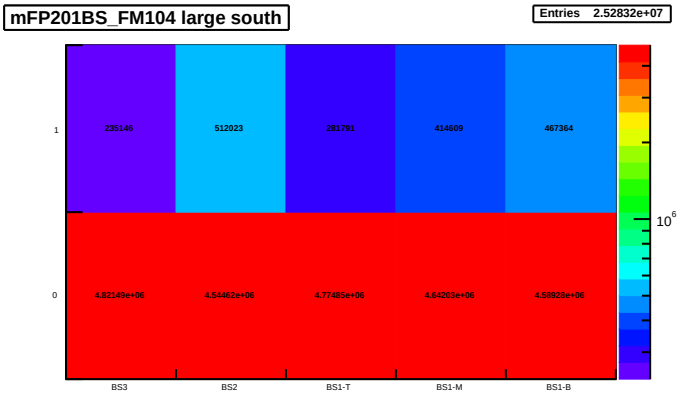

mFP201BSsim_FM101 small north
Entries 4644788
1
0
-1
434
846
3894
3266
3566
1.04254e+06
1.03245e+06
780715
1.06722e+06
709857
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

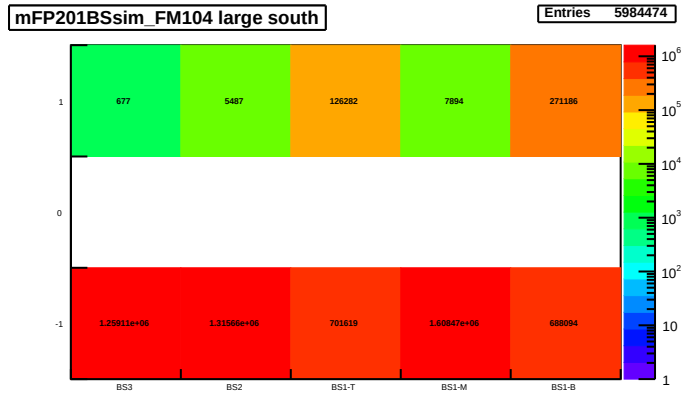

mFP201BS_FM102 small south
Entries 2.52832e+07
1
0
455542
578587
215890
382884
395495
4.6011e+06
4.47805e+06
4.84075e+06
4.67376e+06
4.66114e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

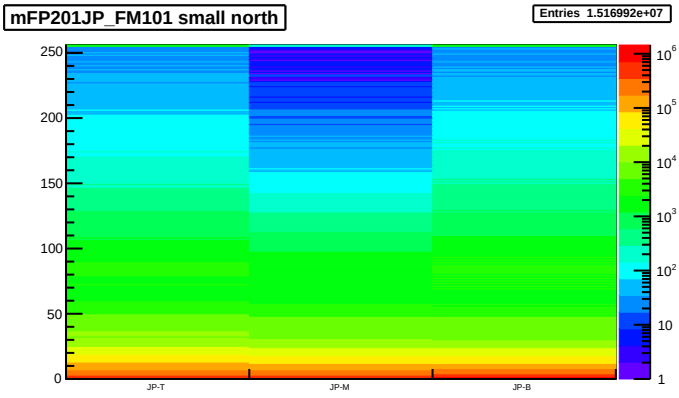

mFP201BSsim_FM102 small south
Entries 3854922
1
0
-1
1330
2188
4752
6430
4873
658717
657944
774642
866086
877960
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

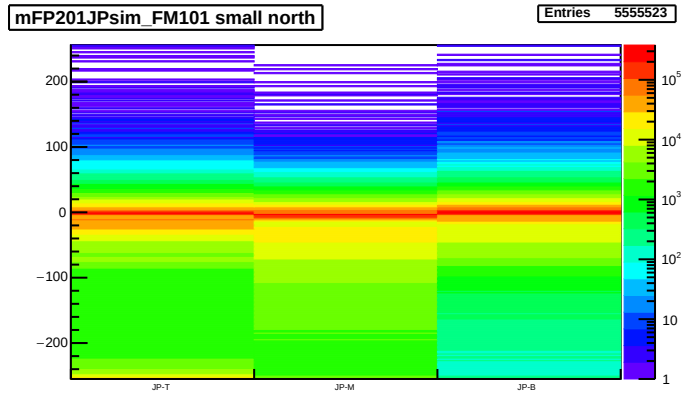

mFP201BS_FM103 large north
Entries 2.52832e+07
1
0
184435
445581
347361
405419
340647
4.8722e+06
4.61106e+06
4.70928e+06
4.65122e+06
4.71599e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

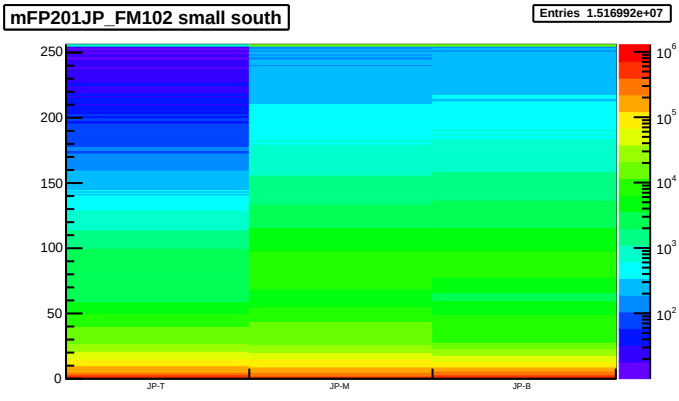

mFP201BSsim_FM103 large north
Entries 5547791
1
0
-1
506
3683
169120
3136
164664
1.36033e+06
1.45123e+06
313269
1.72577e+06
356091
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

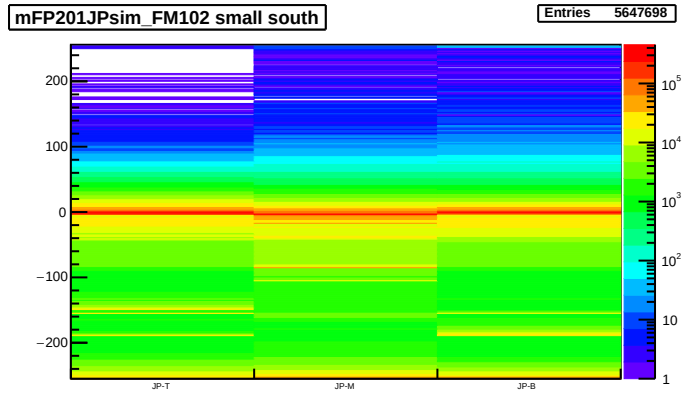

mFP201BS_FM104 large south
Entries 2.52832e+07
1
0
235146
512023
281791
414609
467364
4.82149e+06
4.54462e+06
4.77485e+06
4.64203e+06
4.58928e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

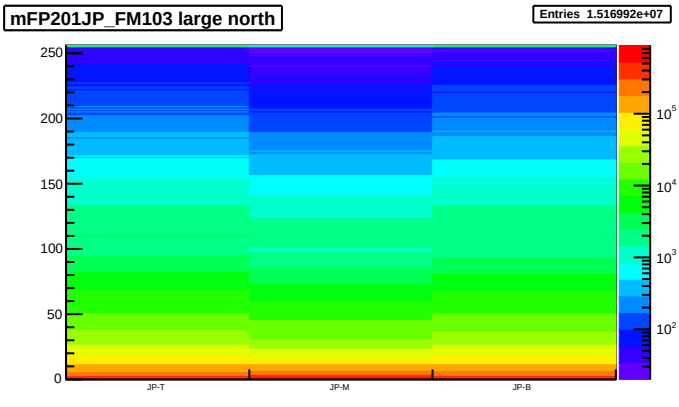

mFP201BSsim_FM104 large south
Entries 5984474
1
0
-1
677
5487
126282
7894
271186
1.25911e+06
1.31566e+06
701619
1.60847e+06
688094
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

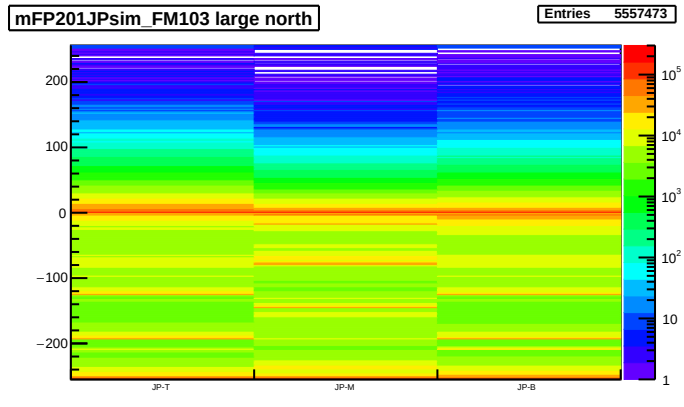

mFP201JP_FM101 small north
Entries 1.516992e+07
JP-T
JP-M
JP-B

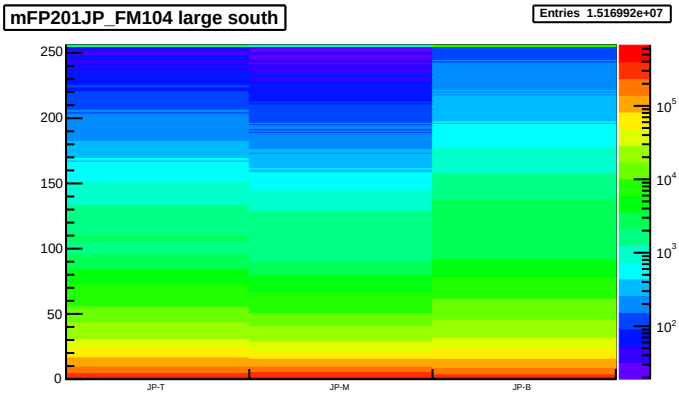

mFP201JPsim_FM101 small north
Entries 5555523
JP-T
JP-M
JP-B

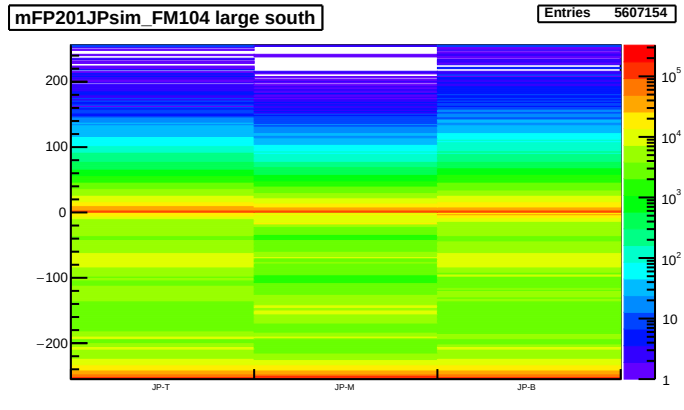

mFP201JP_FM102 small south
Entries 1.516992e+07
JP-T
JP-M
JP-B

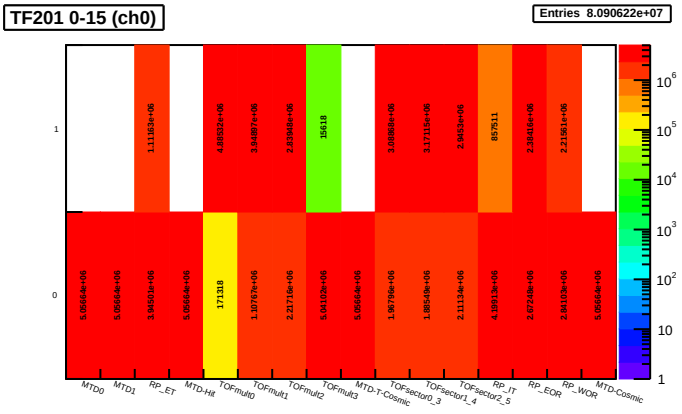

mFP201JPsim_FM102 small south
Entries 5647698
JP-T
JP-M
JP-B

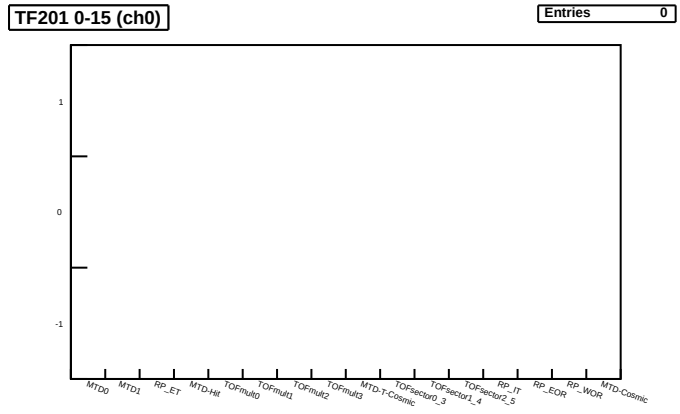

mFP201JP_FM103 large north
Entries 1.516992e+07
JP-T
JP-M
JP-B

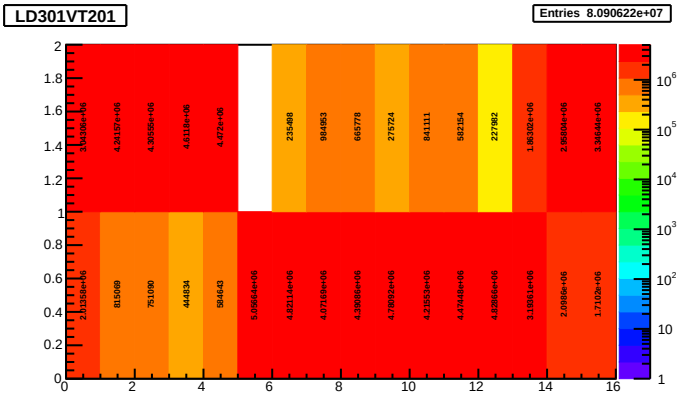

mFP201JPsim_FM103 large north
Entries 5557473
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 1.516992e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5607154
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.090622e+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
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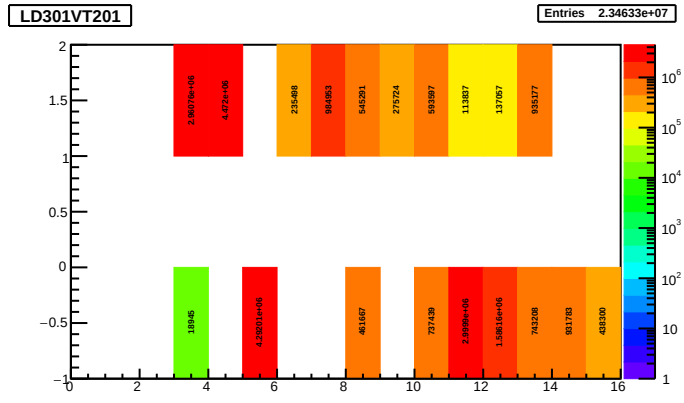
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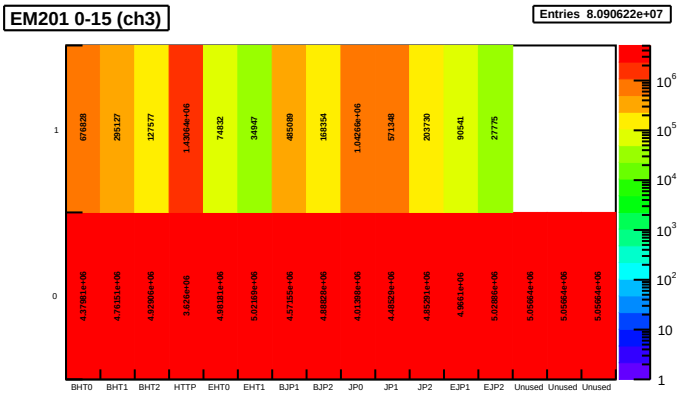
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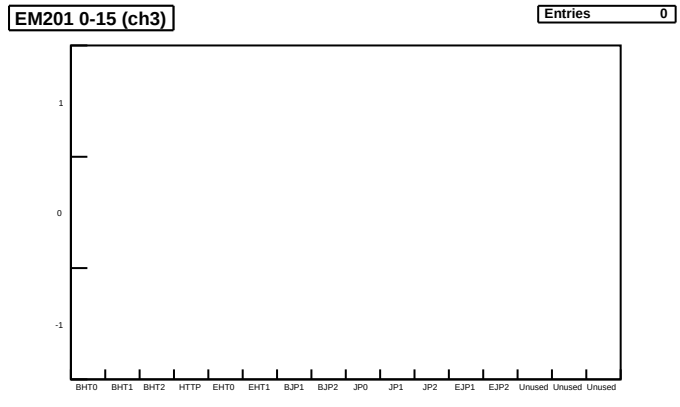
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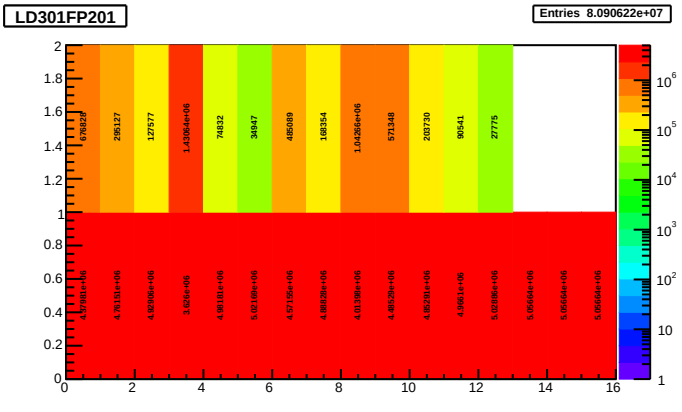
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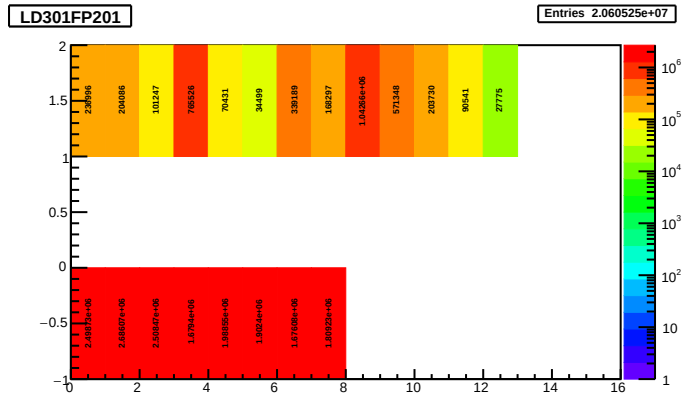
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